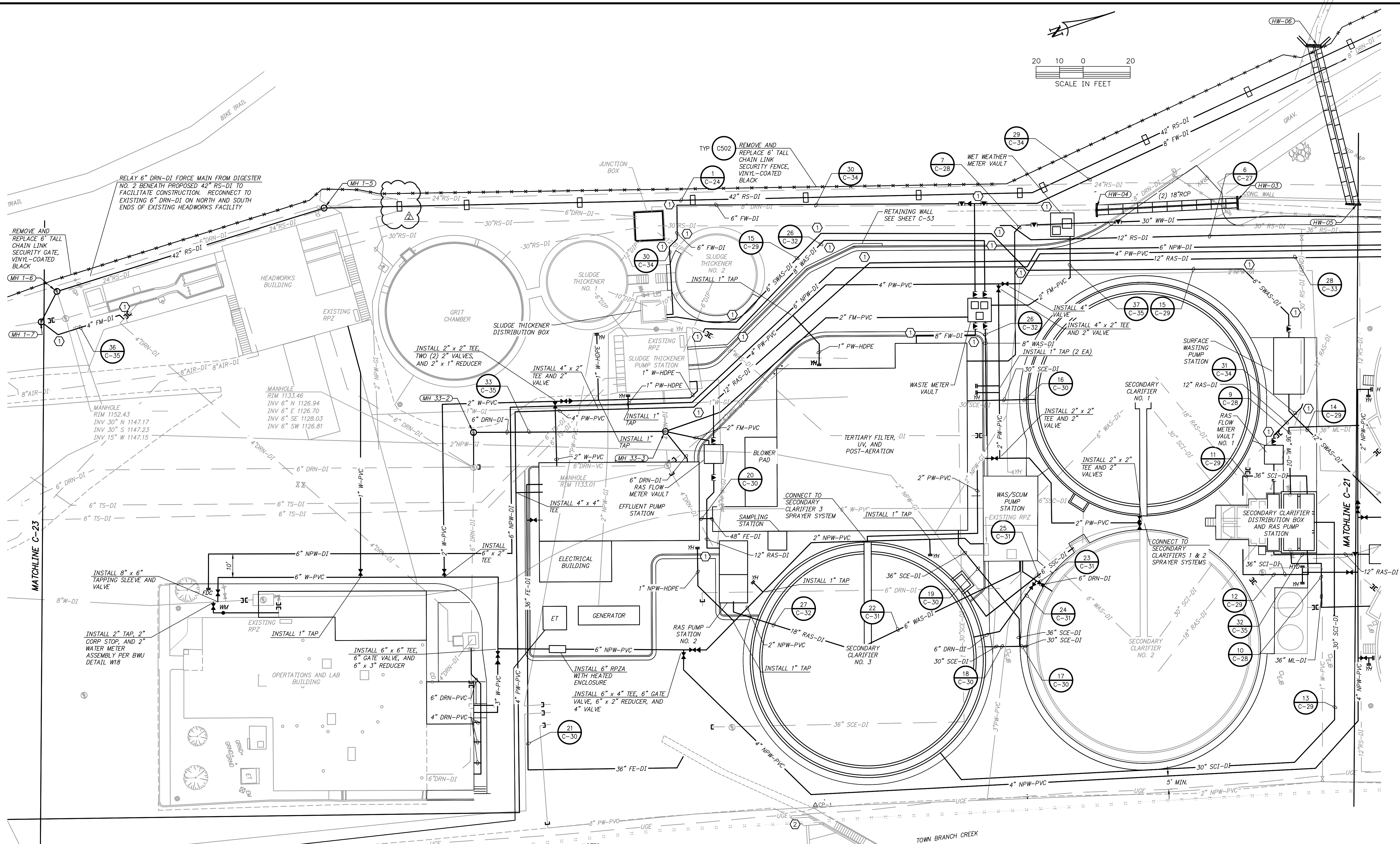


Z:\21\2021037 BENTONVILLE WWTP CAPACITY STUDY\DRAWINGS\CONST PLANS\C-22.DWG, 4/10/2025 9:09 AM, MATT WEIR, LAYOUT



NOTES:

- WHERE THE BOTTOM OF A WATER LINE MUST PASS WITHIN 18-INCHES OF THE TOP OF A SEWER, PROCESS, OR DRAIN LINE OR WHERE A WATER LINE CROSSES BELOW A SEWER, PROCESS, OR DRAIN LINE, THE WATER LINE SHALL BE ENCASED A MINIMUM OF 10- FEET ON EITHER SIDE OF THE CROSSING. THE ENCASEMENT SHALL BE WATER TIGHT AND ALL JOINTS INSIDE OF THE ENCASEMENT SHALL BE RESTRAINED. THE ENCASEMENT SHALL CONFORM TO CITY OF BENTONVILLE STANDARD DETAIL GWSOS.
- WHERE A WATER LINE MUST UNAVOIDABLY PASS BENEATH A SEWER, PROCESS, OR DRAIN LINE, AT LEAST 18-INCHES OF SEPARATION MUST BE MAINTAINED BETWEEN THE OUTSIDE OF THE TWO PIPES IN ADDITION TO THE PRECEDING ENCASEMENT REQUIREMENT.
- REPLACE EXISTING WATER LINES WITH ABOVE GROUND WATER LINES WITH HEAT TRACING AS NEEDED DURING CONSTRUCTION.

- REFER TO CITY OF BENTONVILLE WATER UTILITIES DEPARTMENT STANDARD DETAILS AND SPECIFICATIONS DATED OCTOBER 23, 2024, FOR ALL WATER AND SEWER APPURTENANCES.
- CUTTING AND CAPPING OF AN EXISTING PIPE SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF BENTONVILLE STANDARD DETAIL W13. ALL CUT AND CAP DESIGNATIONS ARE IDENTIFIED ON THE D SHEETS.
- CONTACT BEUD AT 479-271-3135 BEFORE PERFORMING ANY GRADING WITHIN 5' OF EXISTING OR PROPOSED POWER POLES.
- BEUD DESIGN LAYOUT DRAWING TAKES PRECEDENCE OVER ANY ELECTRIC INFORMATION SHOWN ON THE SITE UTILITY PLANS.
- ELECTRIC FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF THE ELECTRIC SPECIFICATIONS FOUND ON THE WEBSITE. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THIS DOCUMENT.

KEYED NOTES:

- INSTALL TRACER WIRE JUNCTION BOX AT ALL HORIZONTAL BENDS IN FORCE MAINS.
- ENCASE ANY PORTION OF PROPOSED POTABLE WATER LINE THAT WILL LIE WITHIN 10- FEET HORIZONTALLY OF A SEWER, PROCESS, OR DRAIN LINE.
- A MINIMUM VERTICAL CLEARANCE OF 18-INCHES SHOULD BE MAINTAINED BETWEEN WATER LINES AND SEWER, PROCESS, OR DRAIN LINES OR OTHER SOURCES OF CONTAMINATION.
- A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHOULD BE MAINTAINED BETWEEN POTABLE WATER LINES AND SEWER, PROCESS, OR DRAIN LINES OR OTHER SOURCES OF CONTAMINATION.

1"

ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

DATE

03/21/2025

REVISION

REVISED FOR BID SET

REVISION

REVISED PER ADDENDUM NO. 1

STATE OF
ARKANSAS
PROFESSIONAL
ENGINEER
ZACHARY A. WEIR
No. 2110

HW

HAWKINS WEIR
ENGINEERS, INC.

BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

SITE PIPING III

FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025

SCALE: 1"=20'

DESIGNED BY: ZMW

DRAWN BY: MAW

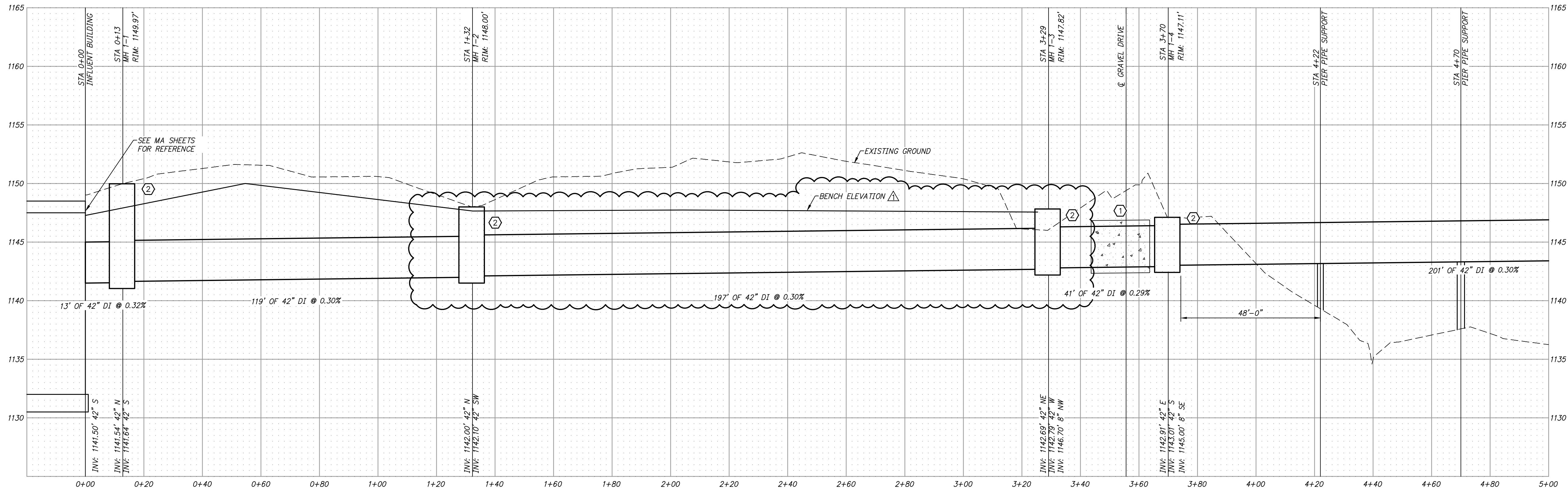
HWET NO.: 2021037

FILENAME: C-22

SHEET NO.

C-22

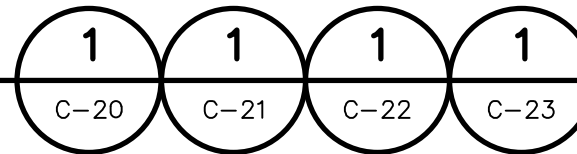
Z:\21\2021037 BENTONVILLE WWTP CAPACITY STUDY\DRAWINGS\CONST PLANS\C-24.DWG, 4/10/2025 9:09 AM, MATT WEIR, LAYOUT1



42" INFLUENT

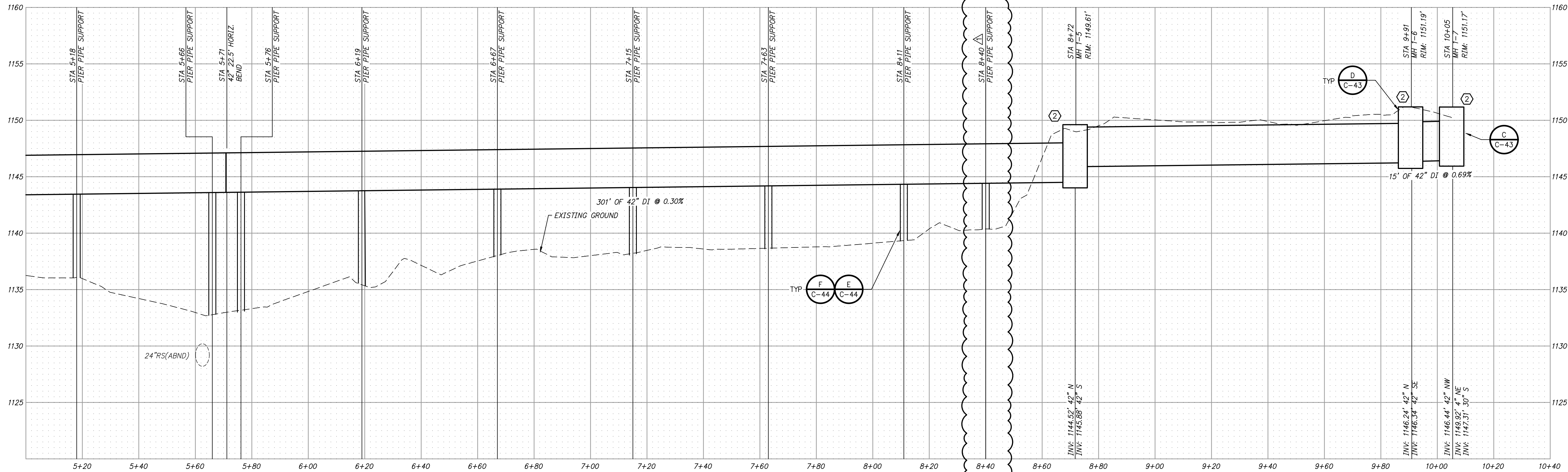
PROFILE

H: 1"=20'; V: 1"=5'



KEYED NOTES:

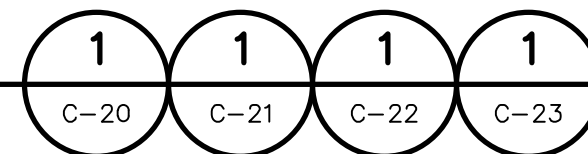
- 1 INSTALL 20 LF OF CONCRETE ENCASEMENT PER DETAIL C504.
- 2 INSTALL INTERIOR EPOXY COATING PER SPECIFICATION 09800.



42" INFLUENT

PROFILE

H: 1"=20'; V: 1"=5'



NOTES:

1. LINES TO BE ABANDONED ARE TO BE ABANDONED AS ALLOWED BY SEQUENCE OF CONSTRUCTION.
2. DUCTILE IRON PIPE INSTALLED BETWEEN STATION 3+70 AND STATION 8+72 SHALL BE CLASS 53 LONG SPAN PIPE AND SHALL BE INSTALLED IN ACCORDANCE WITH DETAIL F ON SHEET C-44.

1"
ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE
Δ REVISED PER ADDENDUM NO. 1	04/10/2025



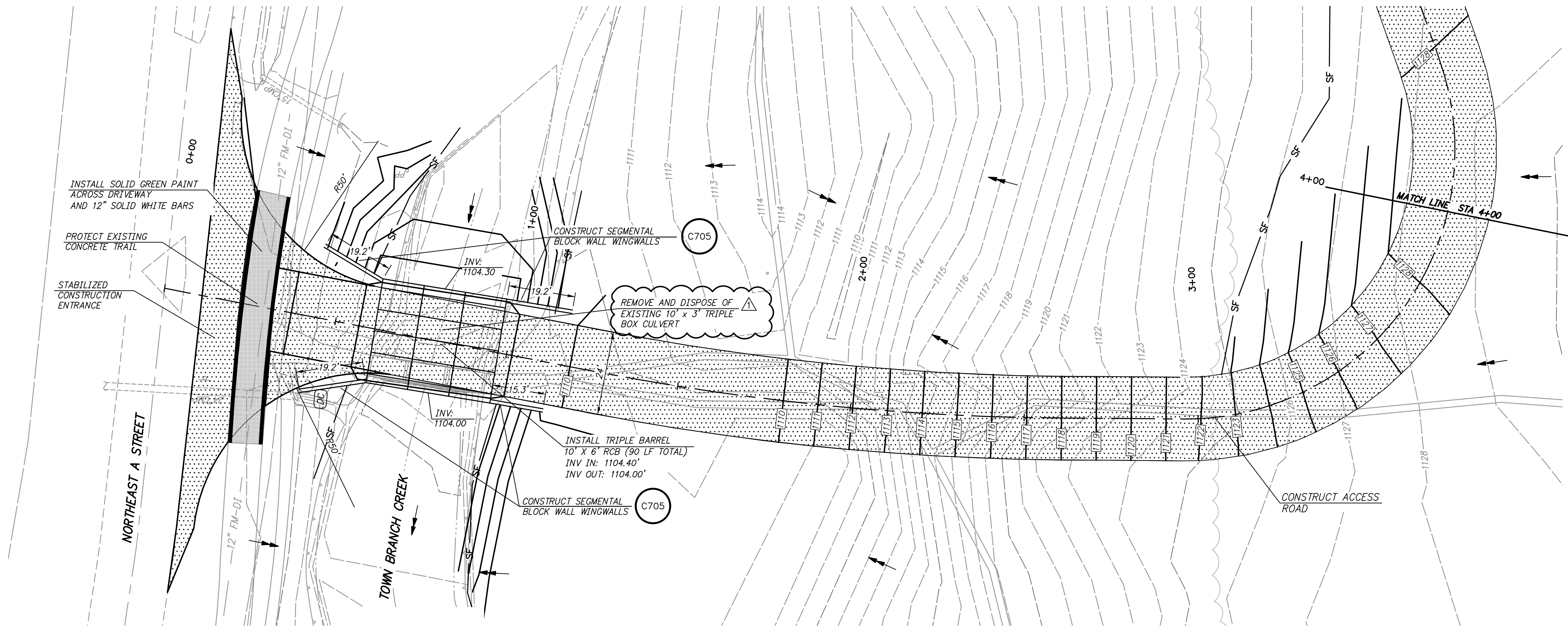
HAWKINS WEIR
ENGINEERS, INC.
BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
SITE PIPING PROFILES I
FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: ZMJ
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: C-24

SHEET NO.
C-24

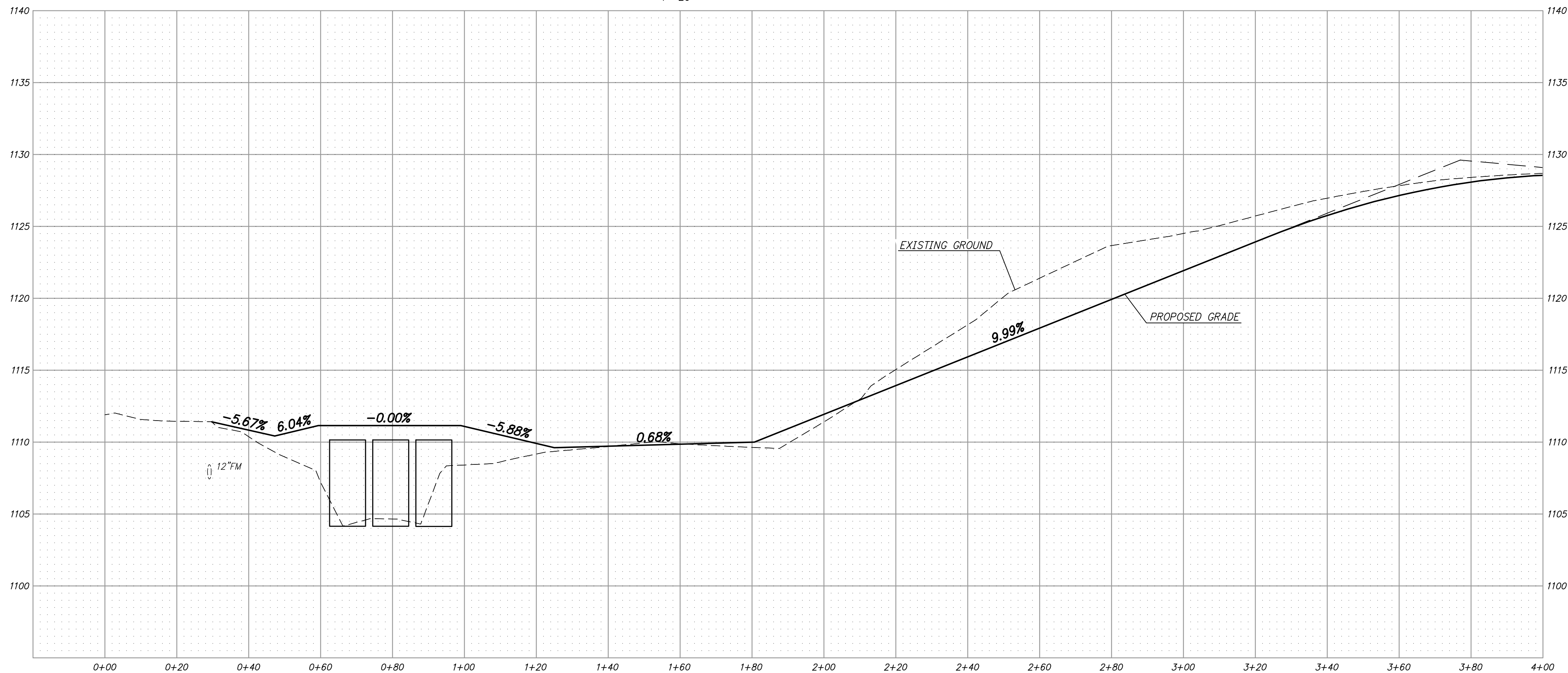
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TEMPORARY NORTH ACCESS DRIVE
STA 0+00 TO STA 4+00

PLAN

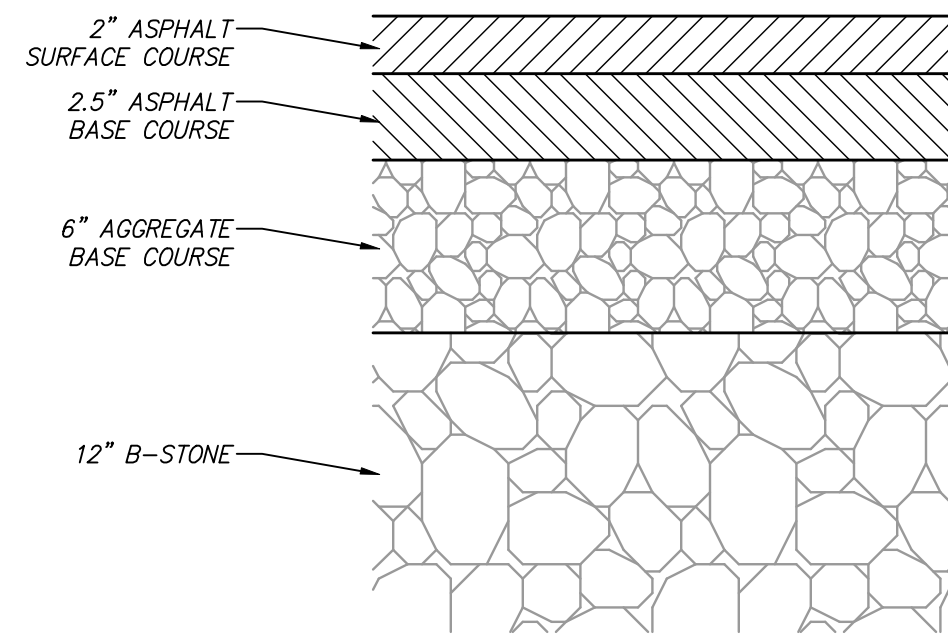
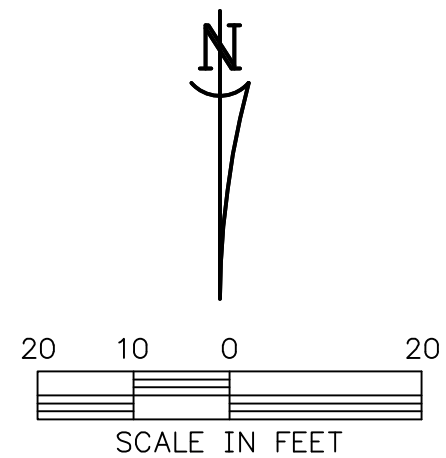
1"=20'



TEMPORARY NORTH ACCESS DRIVE
STA 0+00 TO STA 4+00

PROFILE

H: 1"=20'; V: 1"=5'



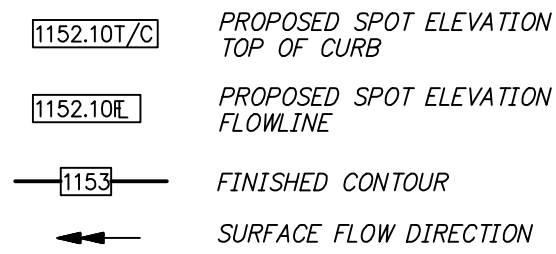
TEMPORARY NORTHERN ACCESS ROAD

SECTION

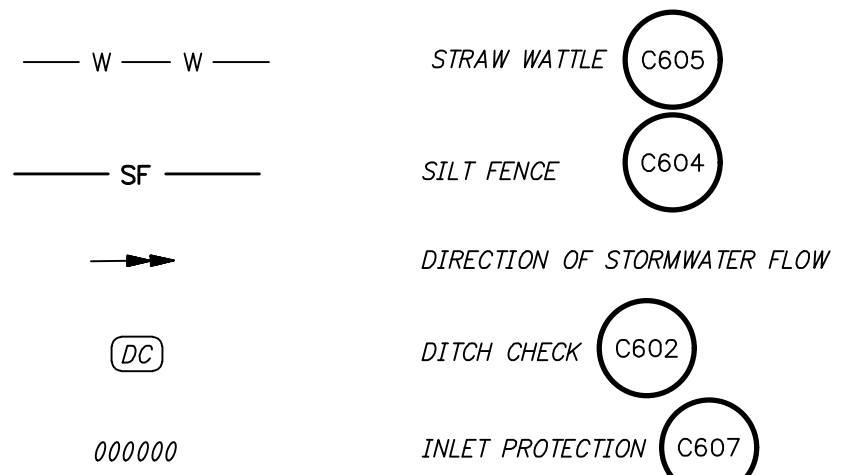
N.T.S.

8

LEGEND



LEGEND



NOTES:

- RADIUS ON NORTH SIDE OF DRIVEWAY MAY BE ADJUSTED DEPENDING ON LIMITING TRUCK ACCESS FROM THE NORTH
- AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, THE ACCESS ROAD SHALL BE LEFT IN PLACE. RESTORE ALL PAVEMENT MARKINGS AND SIGNAGE.
- CLEARING AND GRUBBING SHALL BE LIMITED TO THE MINIMUM AREA NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS.
- CONTACT BEUD AT 479-271-3135 BEFORE PERFORMING ANY GRADING WITHIN 5' OF EXISTING OR PROPOSED POWER POLES.
- BEUD DESIGN LAYOUT DRAWING TAKES PRECEDENCE OVER ANY ELECTRIC INFORMATION SHOWN ON THE SITE UTILITY PLANS.
- ELECTRIC FACILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF THE ELECTRIC SPECIFICATIONS FOUND ON THE WEBSITE. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THIS DOCUMENT.
- FOR ALL RIGHTS-OF-WAY OPEN TO VEHICULAR TRAFFIC, CONTRACTOR SHALL PROVIDE A PEDESTRIAN AND BICYCLE ACCESSIBLE ROUTE DURING ALL PHASES OF CONSTRUCTION. LIMITED CLOSURES OF 24 HOURS OR LESS MAY BE APPROVED BY THE CITY ENGINEER.

1"
ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

DATE	04/10/2025
REVISION	REVISED FOR ADDENDUM NO. 1



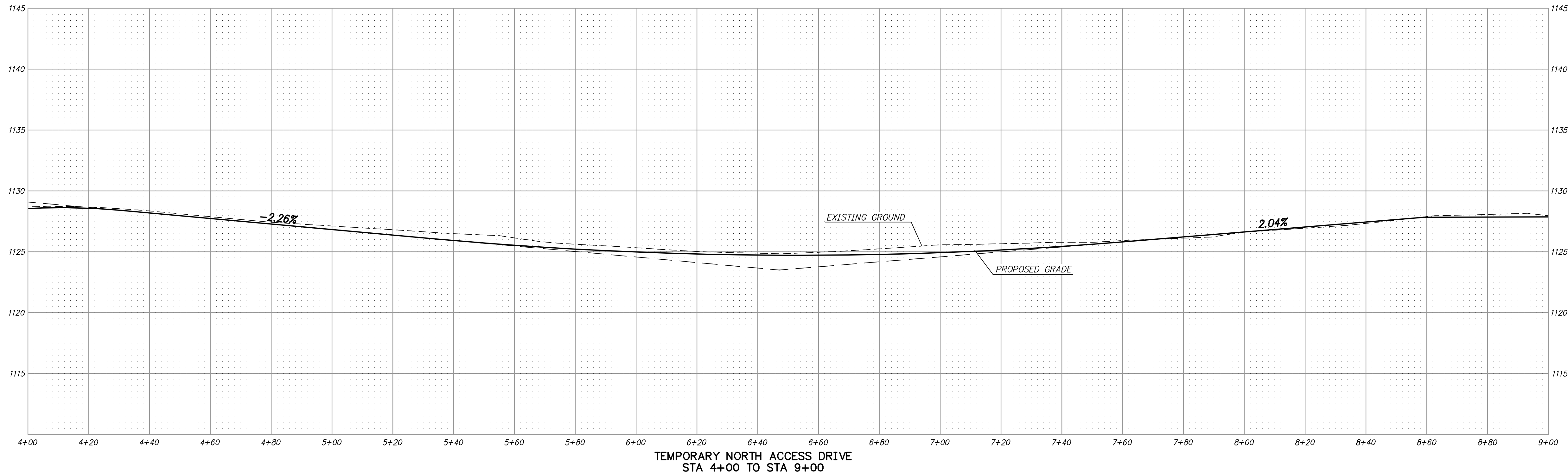
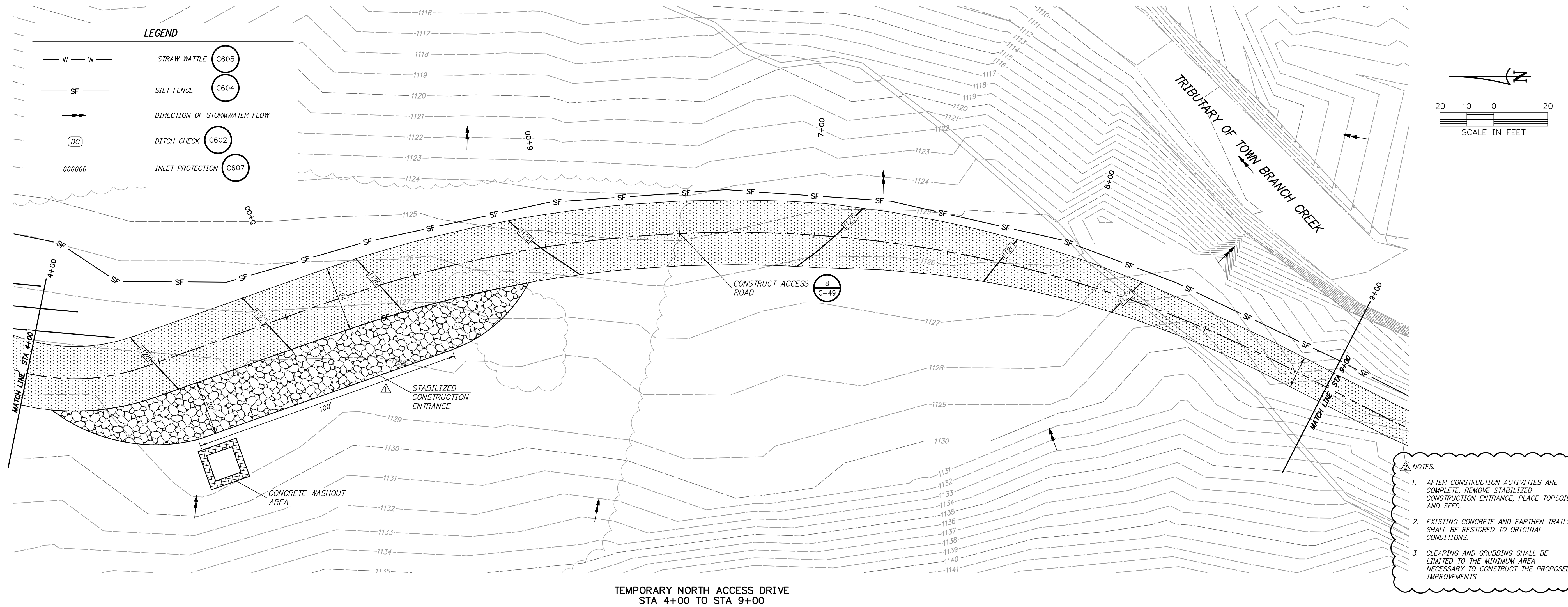
HAWKINS WEIR
ENGINEERS, INC.
BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
TEMPORARY NORTH ACCESS DRIVE
STA 0+00 TO STA 4+00
FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: BAP
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: C-49

SHEET NO.
C-49

Z:\21\2021037 BENTONVILLE WWTP CAPACITY STUDY\DRAWINGS\CONST PLANS\C-50.DWG, 4/10/2025 9:11 AM, MATT WEIR, LAYOUT1



1"

ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

DATE	REVISION
03/21/2025	REVISED FOR BID SET
04/10/2025	REVISED PER ADDENDUM NO. 1

STATE OF ARKANSAS
Professional Engineer
No. 17188
Matthew Weir

HAWKINS WEIR ENGINEERS, INC.
BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

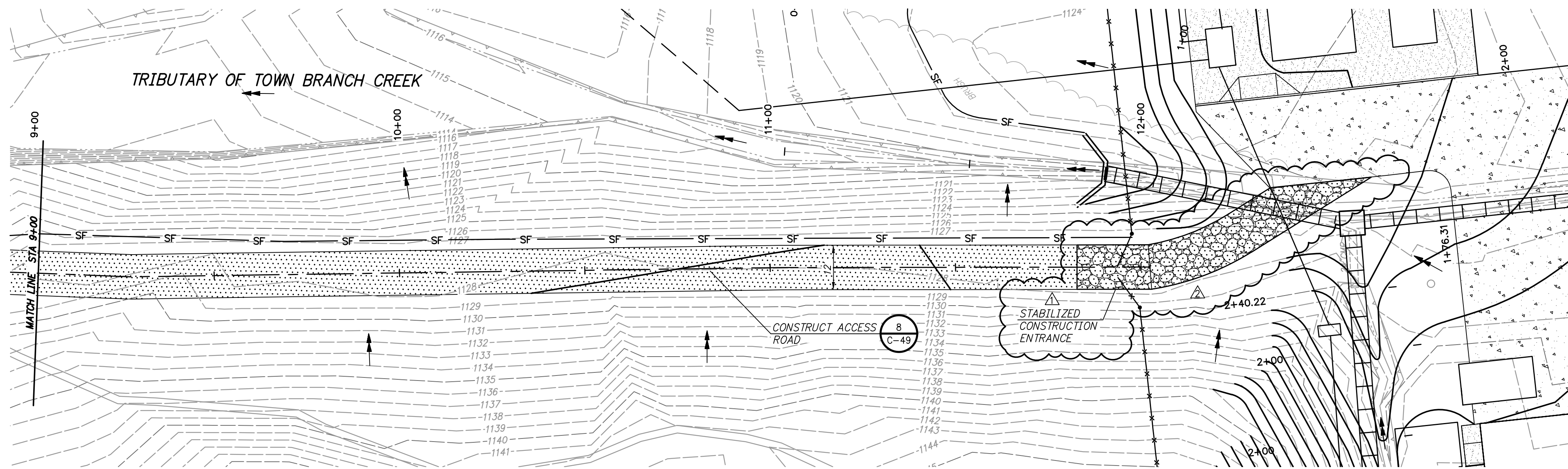
TEMPORARY NORTH ACCESS DRIVE
STA 4+00 TO STA 9+00

FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: BAP
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: C-50

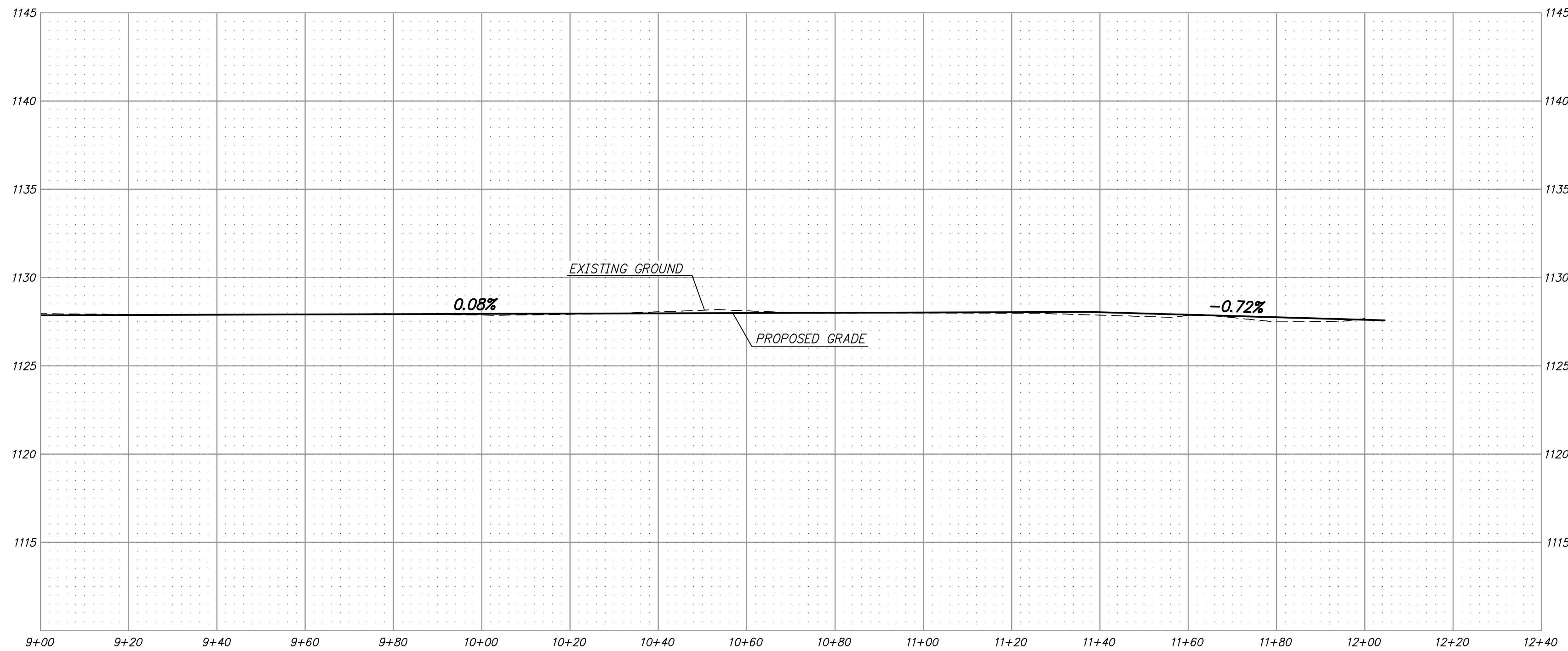
SHEET NO.
C-50

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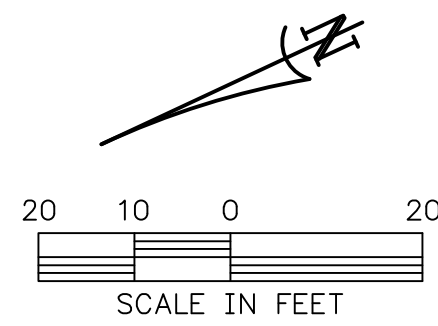
TEMPORARY NORTH ACCESS DRIVE
STA 9+00 TO END

PLAN
1"=20'



TEMPORARY NORTH ACCESS DRIVE
STA 9+00 TO END

PROFILE
H: 1"=20'; V: 1"=5'



NOTES:

1. AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, REMOVE STABILIZED CONSTRUCTION ENTRANCE, PLACE TOP SOIL AND SEED.
2. EXISTING CONCRETE AND EARTHEN TRAILS SHALL BE RESTORED TO ORIGINAL CONDITIONS.
3. CLEARING AND GRUBBING SHALL BE LIMITED TO THE MINIMUM AREA NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS.

LEGEND

- | | |
|--|--|
| | PROPOSED SPOT ELEVATION
TOP OF CURB |
| | PROPOSED SPOT ELEVATION
FLOWLINE |
| | FINISHED CONTOUR |
| | SURFACE FLOW DIRECTION |

LEGEND

- | | | |
|--|------------------------------|------|
| | STRAW WATTLE | C605 |
| | SILT FENCE | C604 |
| | DIRECTION OF STORMWATER FLOW | |
| | DITCH CHECK | C602 |
| | INLET PROTECTION | C607 |

1"
ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE
Δ REVISED FOR BID SET	03/21/2025
Δ REVISED PER ADDENDUM NO. 1	04/10/2025

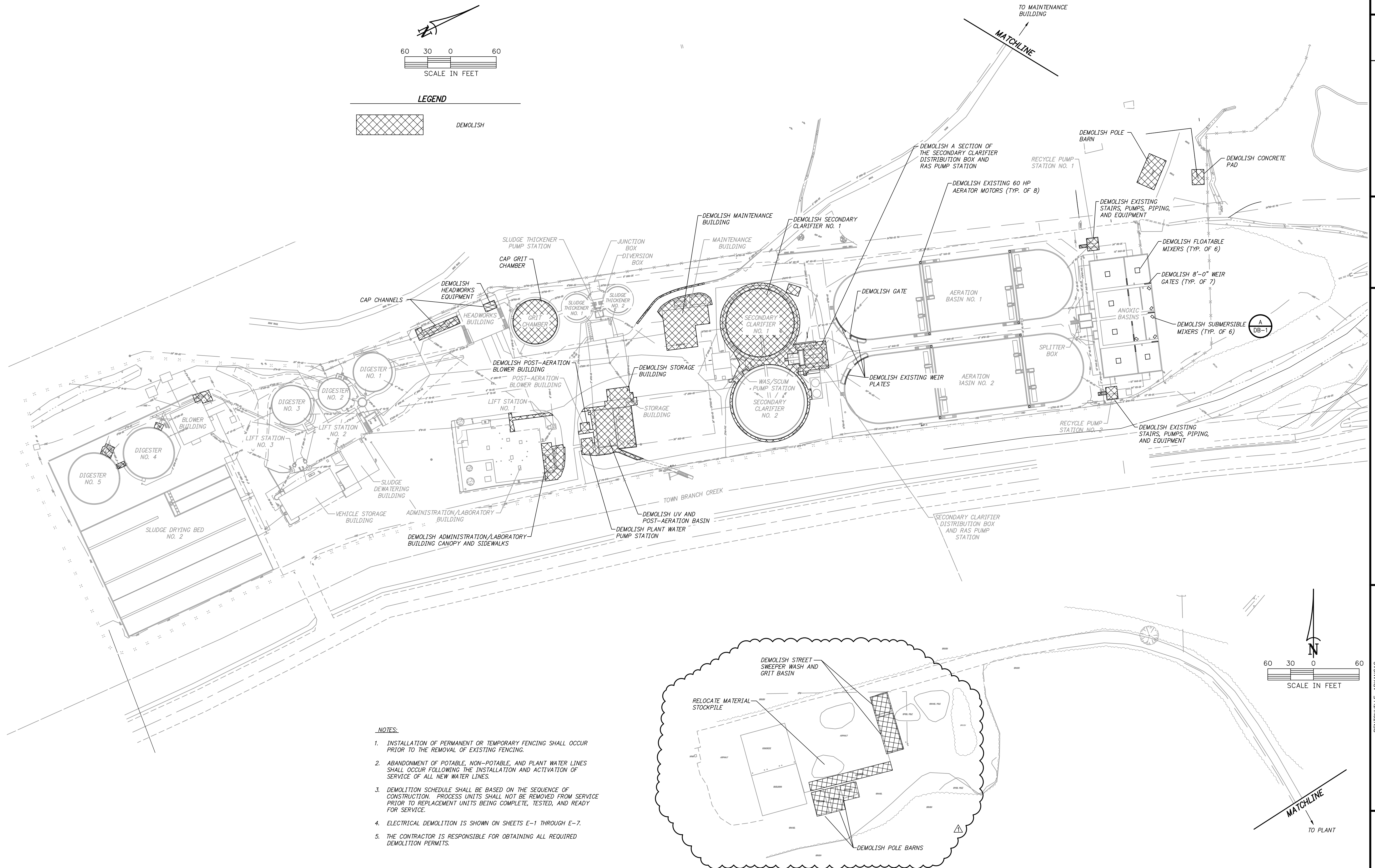


HAWKINS WEIR
ENGINEERS, INC.
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BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
TEMPORARY NORTH ACCESS DRIVE
STA 9+00 TO END
FOR: BENTONVILLE WASTEWATER UTILITIES

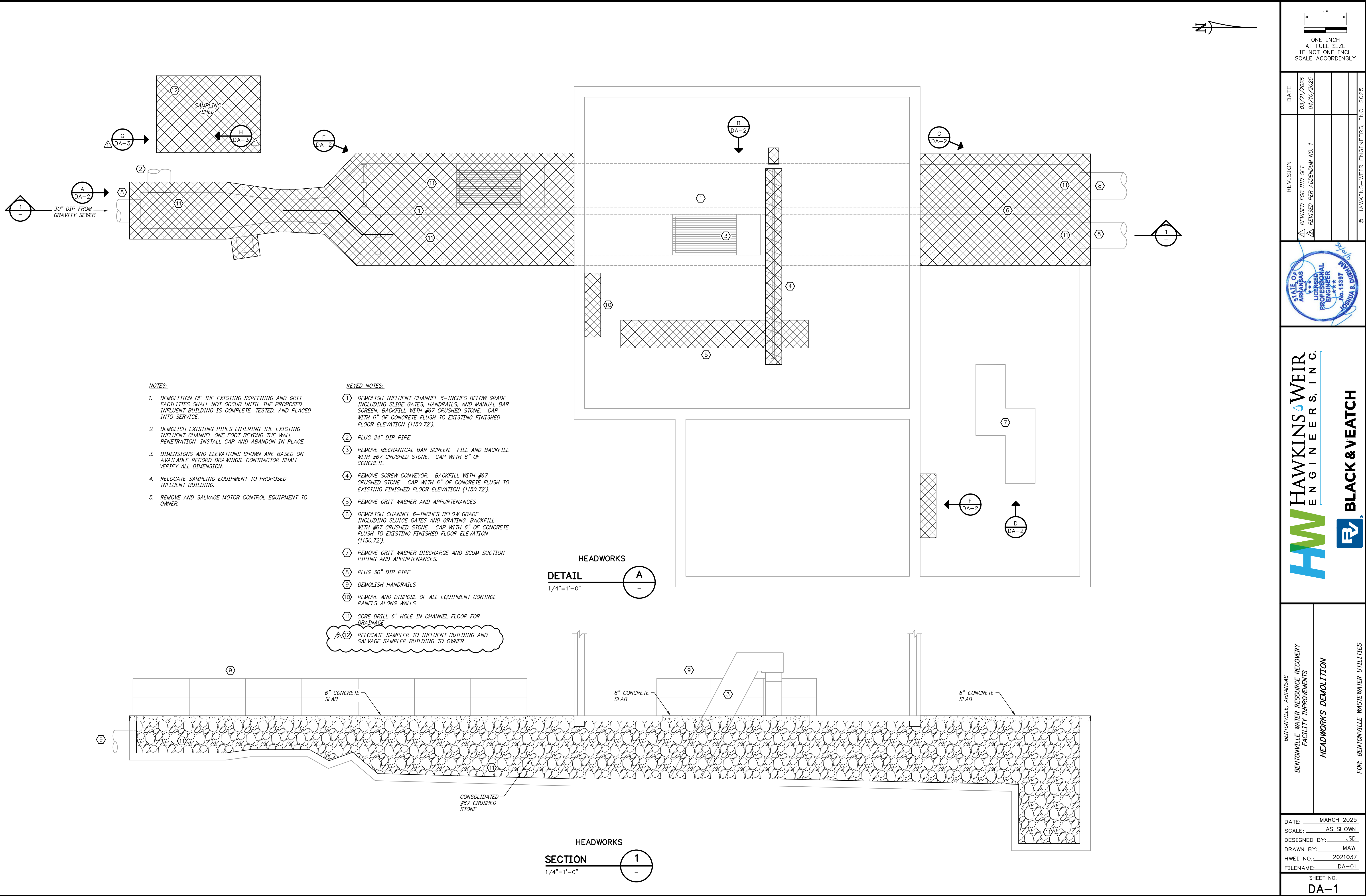
DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: BAP
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: C-51

SHEET NO.
C-51



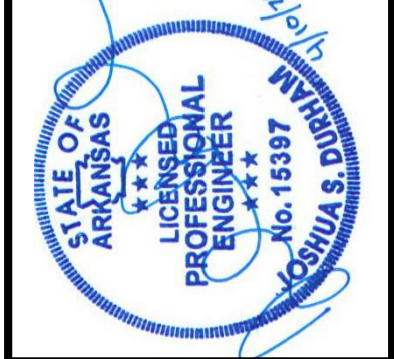
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1"
ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE
REVISED FOR BID SET	03/21/2025
REVISED PER ADDENDUM NO. 1	04/10/2025



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ENGINEERS, INC.

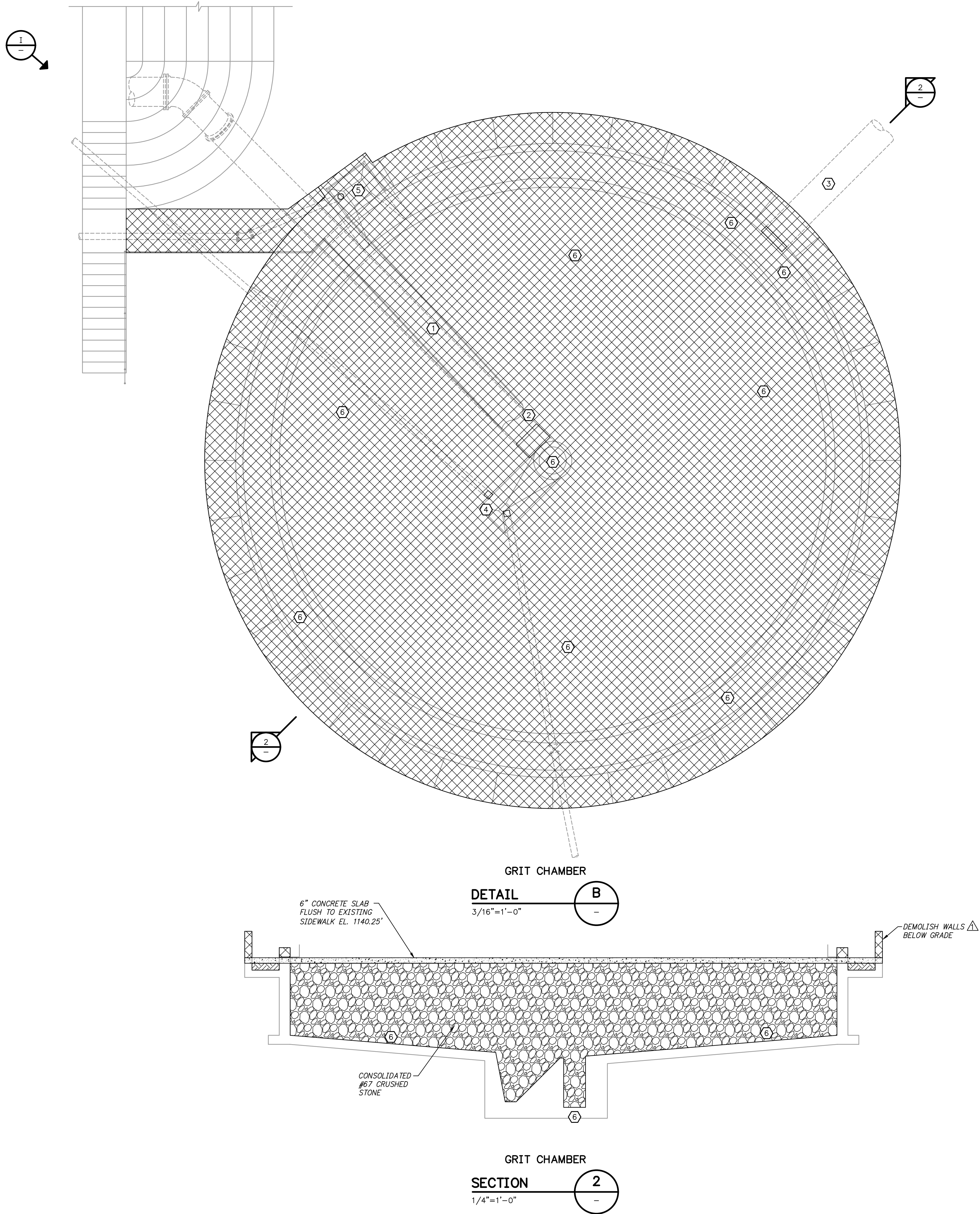
BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
HEADWORKS DEMOLITION
FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: JSD
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: DA-01

SHEET NO.
DA-1

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PHOTOGRAPH G
N.T.S.



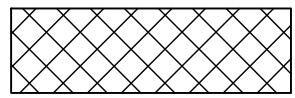
PHOTOGRAPH H
N.T.S.



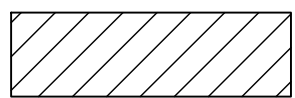
PHOTOGRAPH I
N.T.S.



LEGEND



DEMOLISH



ABANDON

KEYED NOTES:

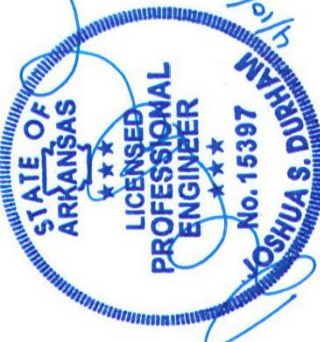
- 1 REMOVE AND DISPOSE OF EXISTING WALKWAY, GRIT REMOVAL, AND SCUM REMOVAL EQUIPMENT. SEE NOTE 3.
- 2 PLUG AND ABANDON 30" DIP INFLUENT PIPE
- 3 PLUG AND ABANDON 30" DIP EFFLUENT PIPE
- 4 PLUG AND ABANDON 6" DIP GRIT SUCTION PIPE
- 5 PLUG AND ABANDON 6" DIP SCUM SUCTION PIPE
- 6 CORE DRILL 6" HOLE IN BASIN FLOOR FOR DRAINAGE

NOTES:

1. DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL DISPOSE OF ALL MATERIAL AND EQUIPMENT REMOVED OR DEMOLISHED.
3. FOLLOWING THE REMOVAL OF ALL EXISTING GRIT AND SCUM EQUIPMENT AND PROPOSED PIPE ABANDONMENTS, FILL AND COMPACT CHANNEL WITH #67 CRUSHED STONE. CAP WITH 6" OF CONCRETE FLUSH WITH THE TOP OF THE SIDEWALKS.
4. SEE SITE PIPING PLAN FOR THE CONTINUATION OF THE PIPE ABANDONMENTS.

1"
ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE
REVISED FOR BID SET	03/21/2025
REVISED PER ADDENDUM NO. 1	04/10/2025



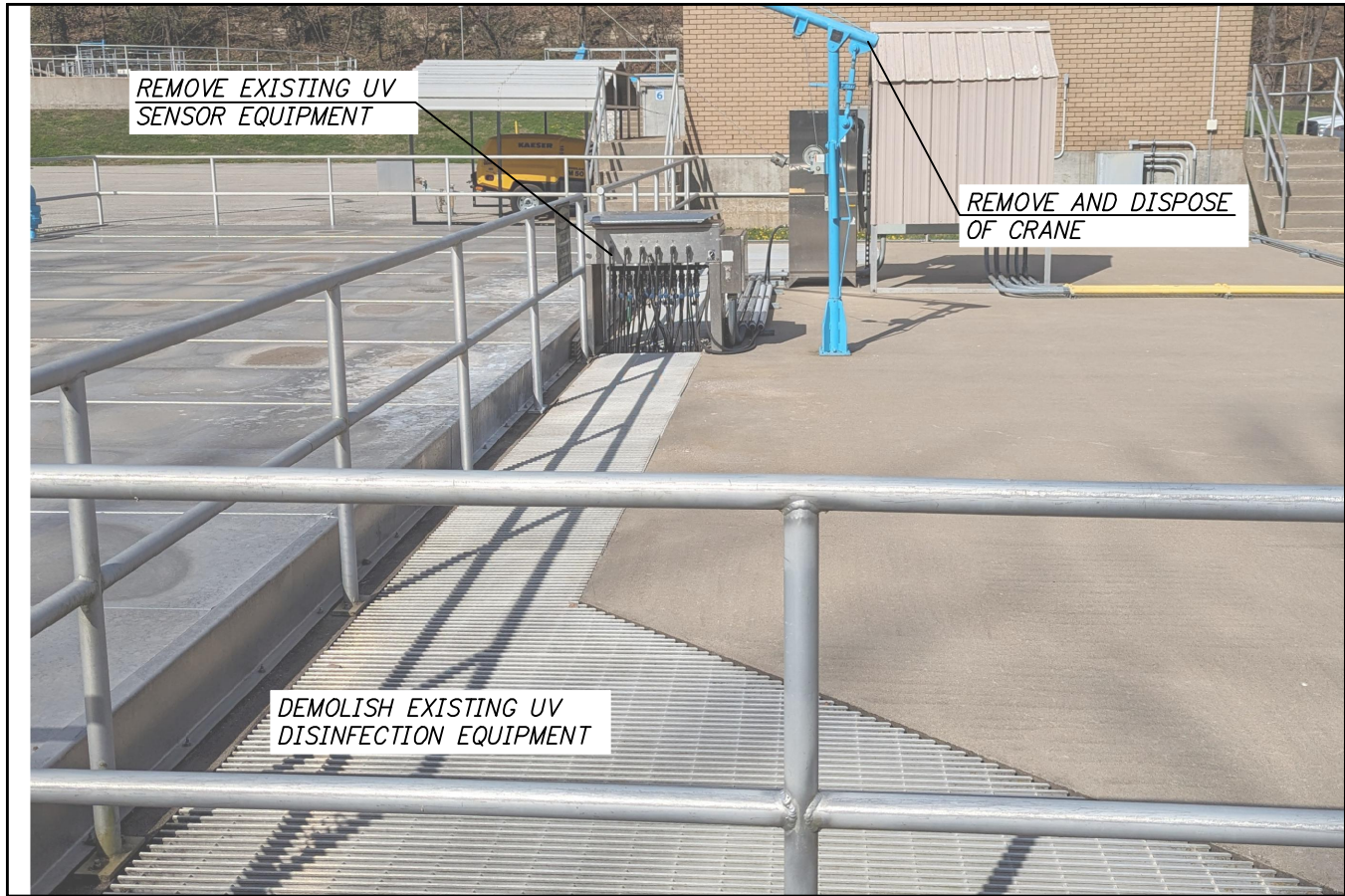
HAWKINS WEIR
ENGINEERS, INC.
BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
GRIT CHAMBER DEMOLITION
FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: JSD
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: DA-03

SHEET NO.
DA-3

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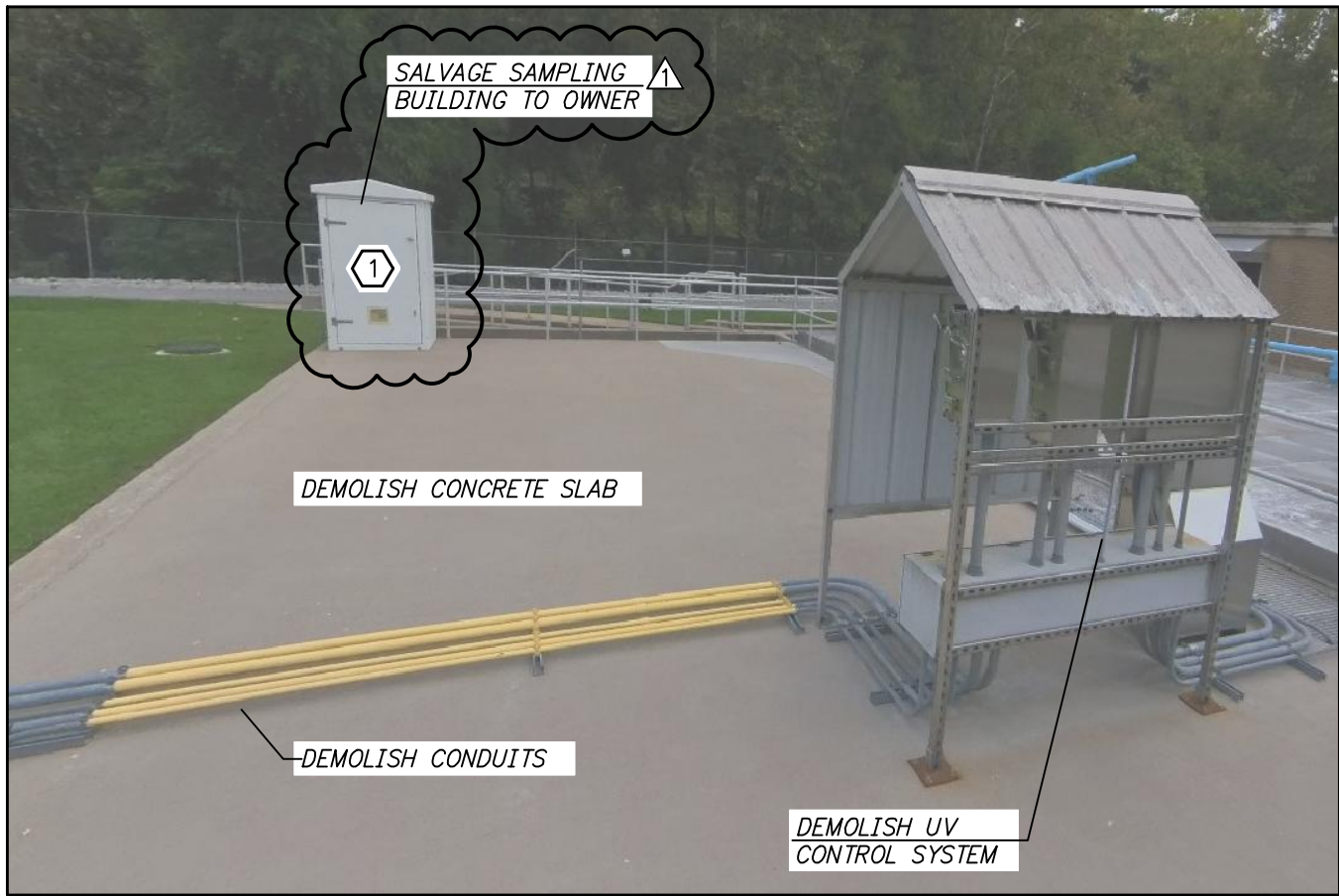
PHOTOGRAPH **A**
N.T.S. DH-1



PHOTOGRAPH **B**
N.T.S. DH-1



PHOTOGRAPH **C**
N.T.S. DH-1



PHOTOGRAPH **D**
N.T.S. DH-1



PHOTOGRAPH **E**
N.T.S. DH-1

KEYED NOTES:
1 SALVAGE SAMPLING EQUIPMENT AND BUILDING TO THE OWNER.

1"

ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE
Δ REVISED PER ADDENDUM NO. 1	04/10/2025

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 15397
Matthew S. Weir

HAWKINS WEIR
ENGINEERS, INC.

BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

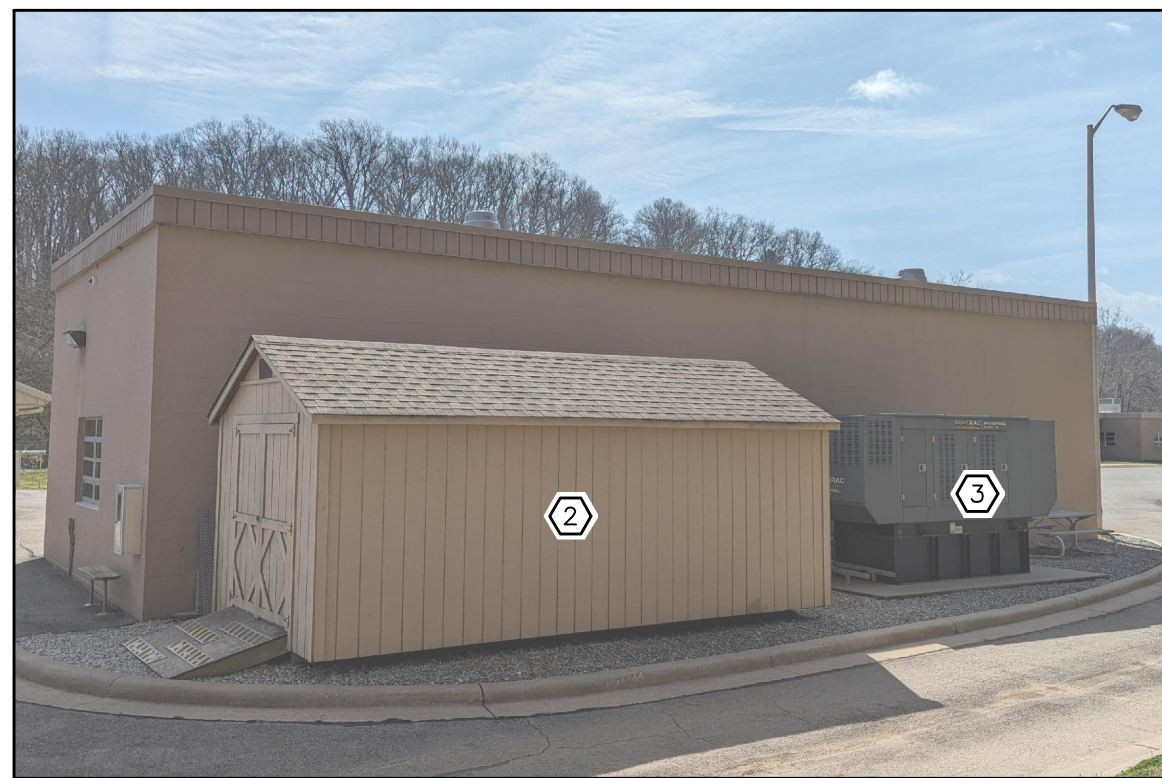
UV, POST AERATION, AND PARSHALL FLUME
PHOTOGRAPHS

FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: JSD
DRAWN BY: MKH
HWEI NO.: 2021037
FILENAME: DH-03

SHEET NO.
DH-3

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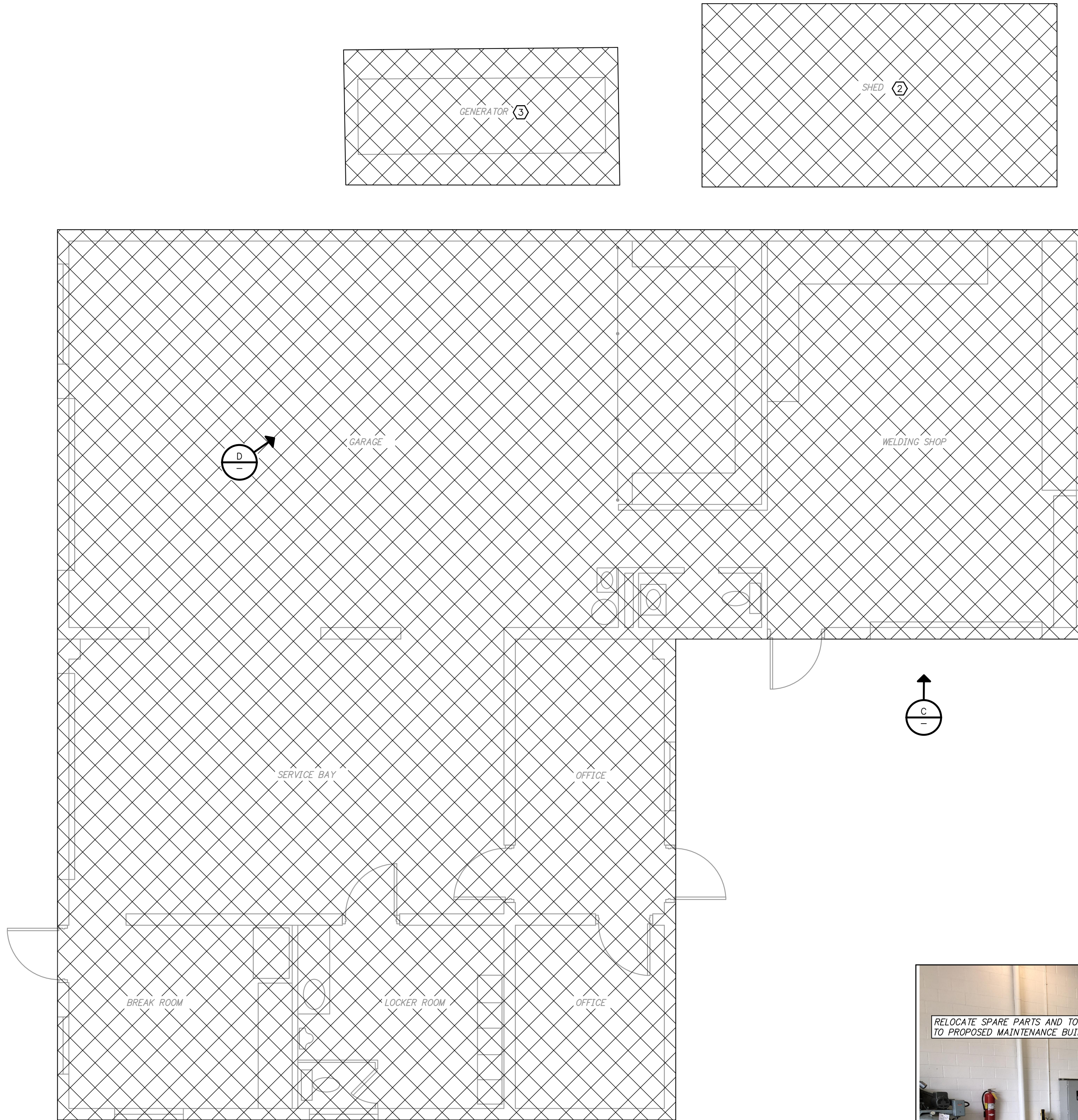
PHOTOGRAPH
N.T.S. A



PHOTOGRAPH
N.T.S. B



PHOTOGRAPH
N.T.S. C



EXISTING MAINTENANCE BUILDING

DETAIL
1/4"=1'-0" A



PHOTOGRAPH
N.T.S. D

- KEYED NOTES:**
1. DEMOLITION EXISTING MAINTENANCE BUILDING
 2. RELOCATE EXISTING STORAGE SHED TO THE NORTH END OF THE PLANT SITE. LOCATION SHALL BE COORDINATED WITH THE OWNER.
 3. RELOCATE THE EXISTING GENERATOR TO PROPOSED MAINTENANCE BUILDING FOLLOWING TEMPORARY SERVICE TO POWER THE EXISTING UV EQUIPMENT

- NOTES:**
1. DEMOLITION OF THE EXISTING MAINTENANCE BUILDING SHALL NOT BE COMPLETED UNTIL THE PROPOSED MAINTENANCE BUILDING IS COMPLETE AND ACCEPTED BY THE OWNER.
 2. DIMENSIONS AND ELEVATIONS SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS.
 3. COORDINATE WITH OWNER TO RELOCATE TOOLS, EQUIPMENT, AND SPARE PARTS TO THE PROPOSED MAINTENANCE BUILDING PRIOR TO COMMENCEMENT OF DEMOLITION.

1"

ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

REVISION	DATE
Δ REVISED PER ADDENDUM NO. 1	04/10/2025

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 15397
Matthew S. Weir

HAWKINS
ENGINEERS, INC.

BLACK & VEATCH

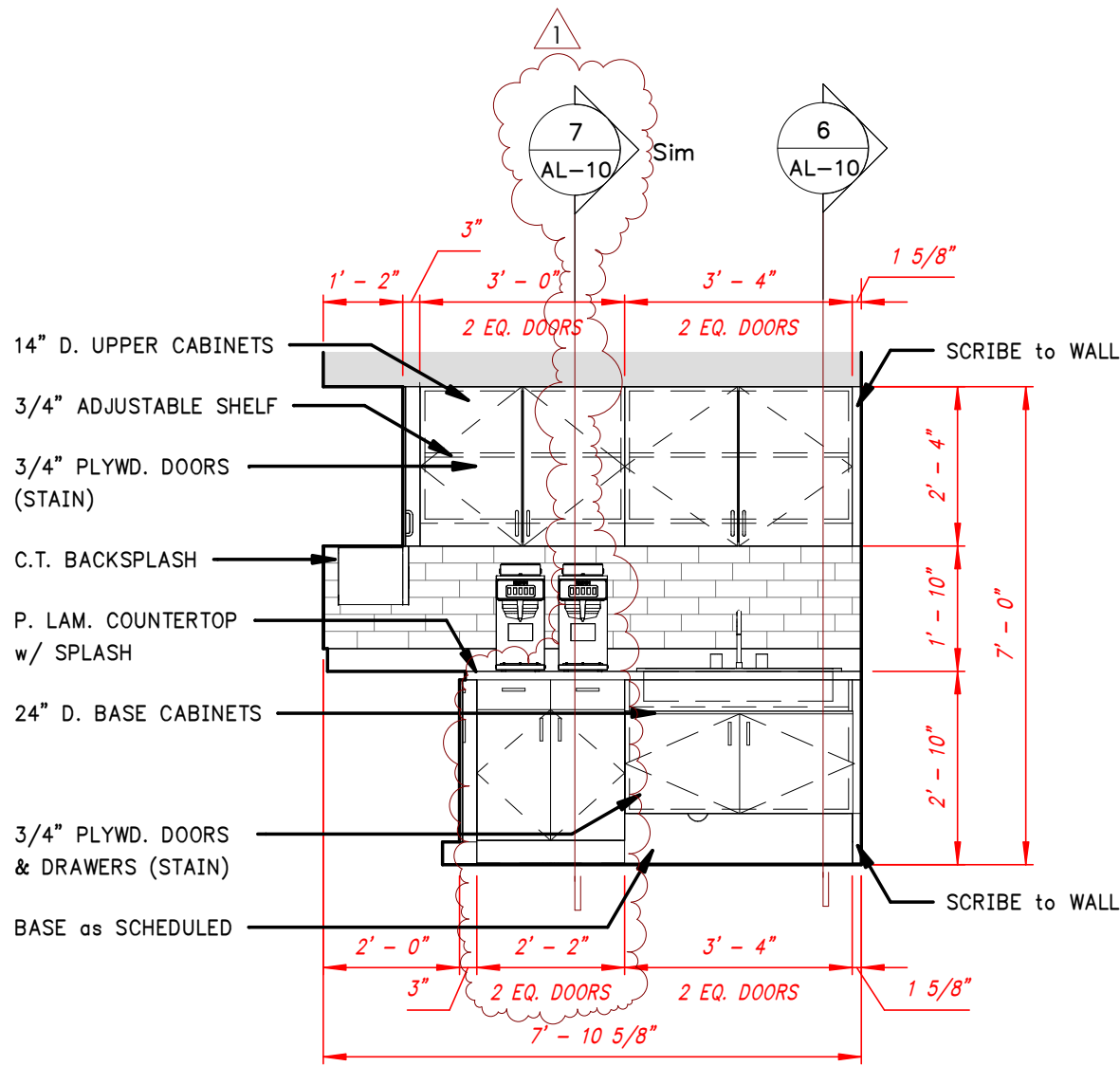
BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

MAINTENANCE BUILDING
DEMOLITION

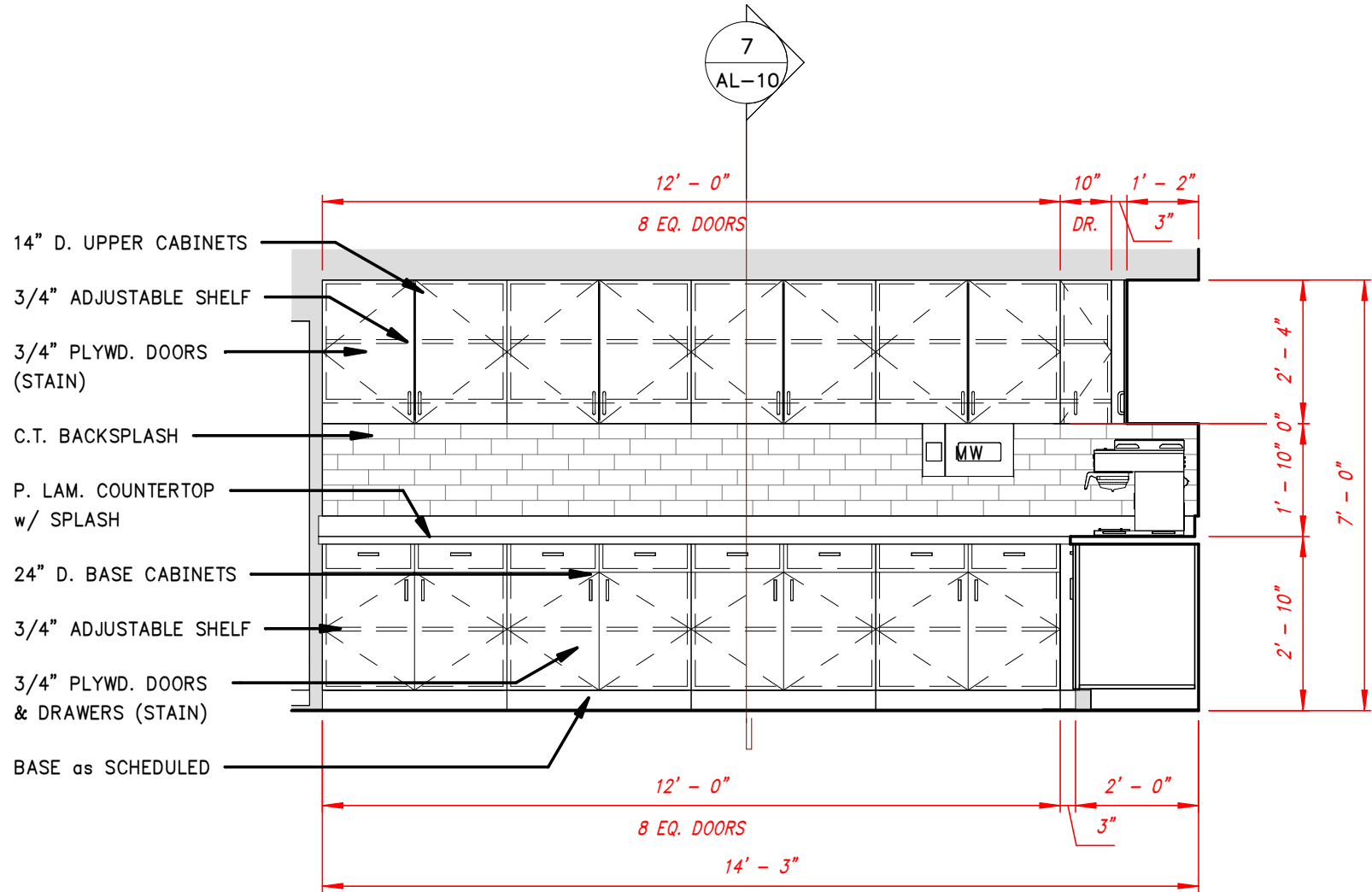
FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: JSD
DRAWN BY: MAW
HWEI NO.: 2021037
FILENAME: DM-01

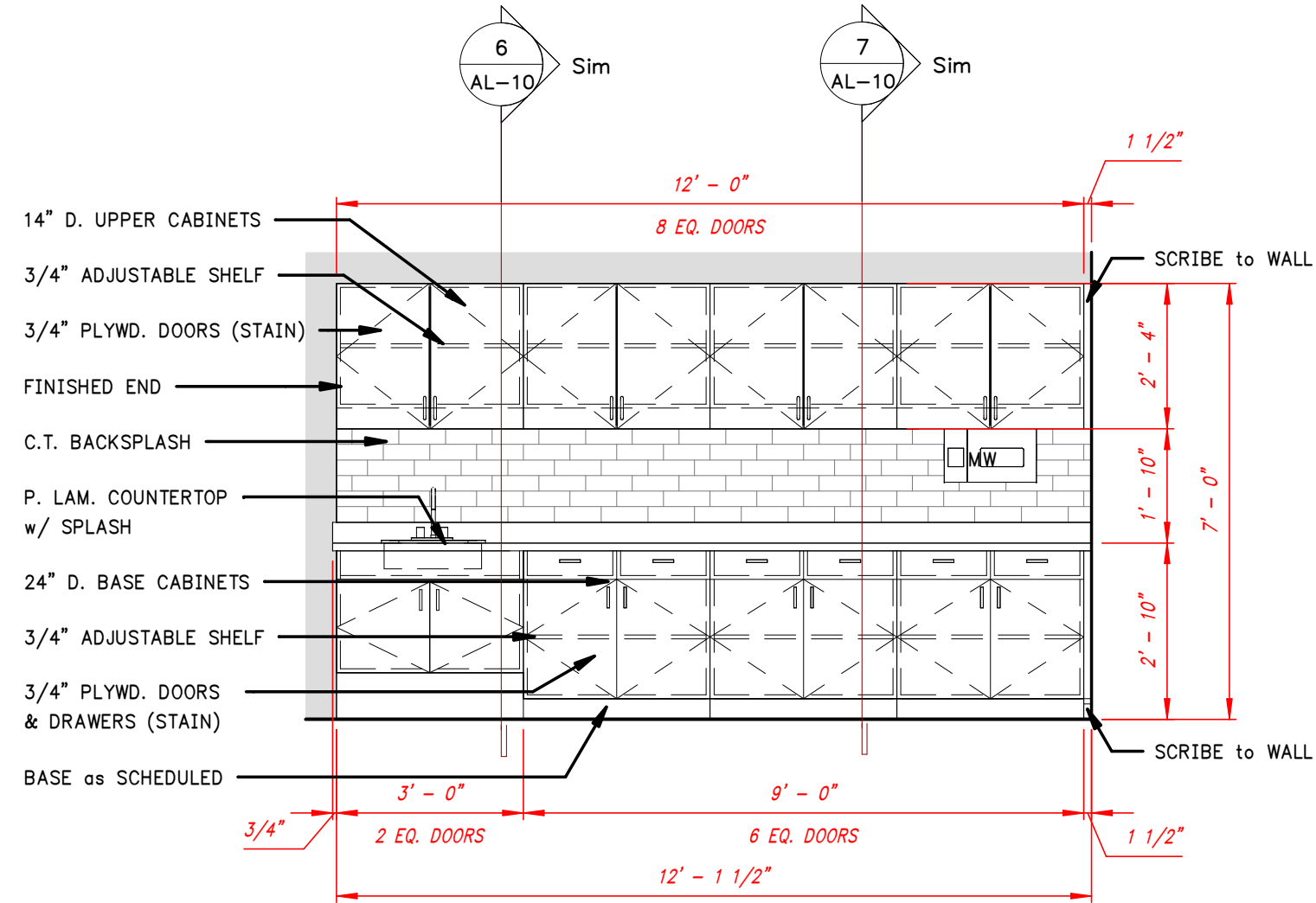
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DM-1



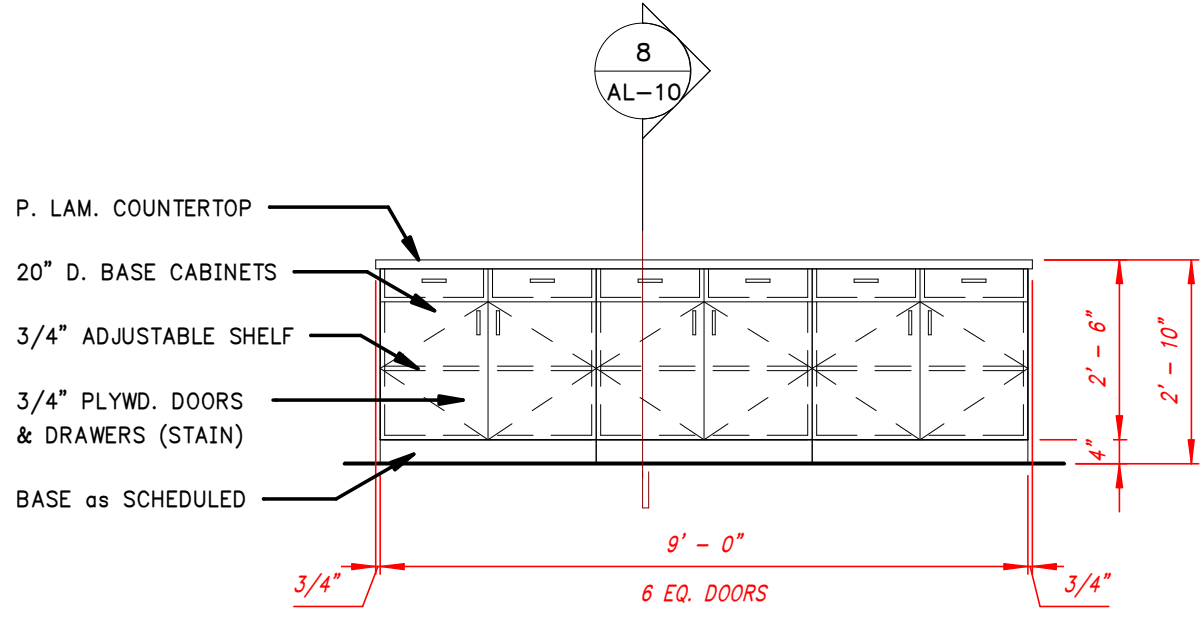
MILLWORK
ELEVATION –
M–L04A–A 1
3/8" = 1'-0" AL-10



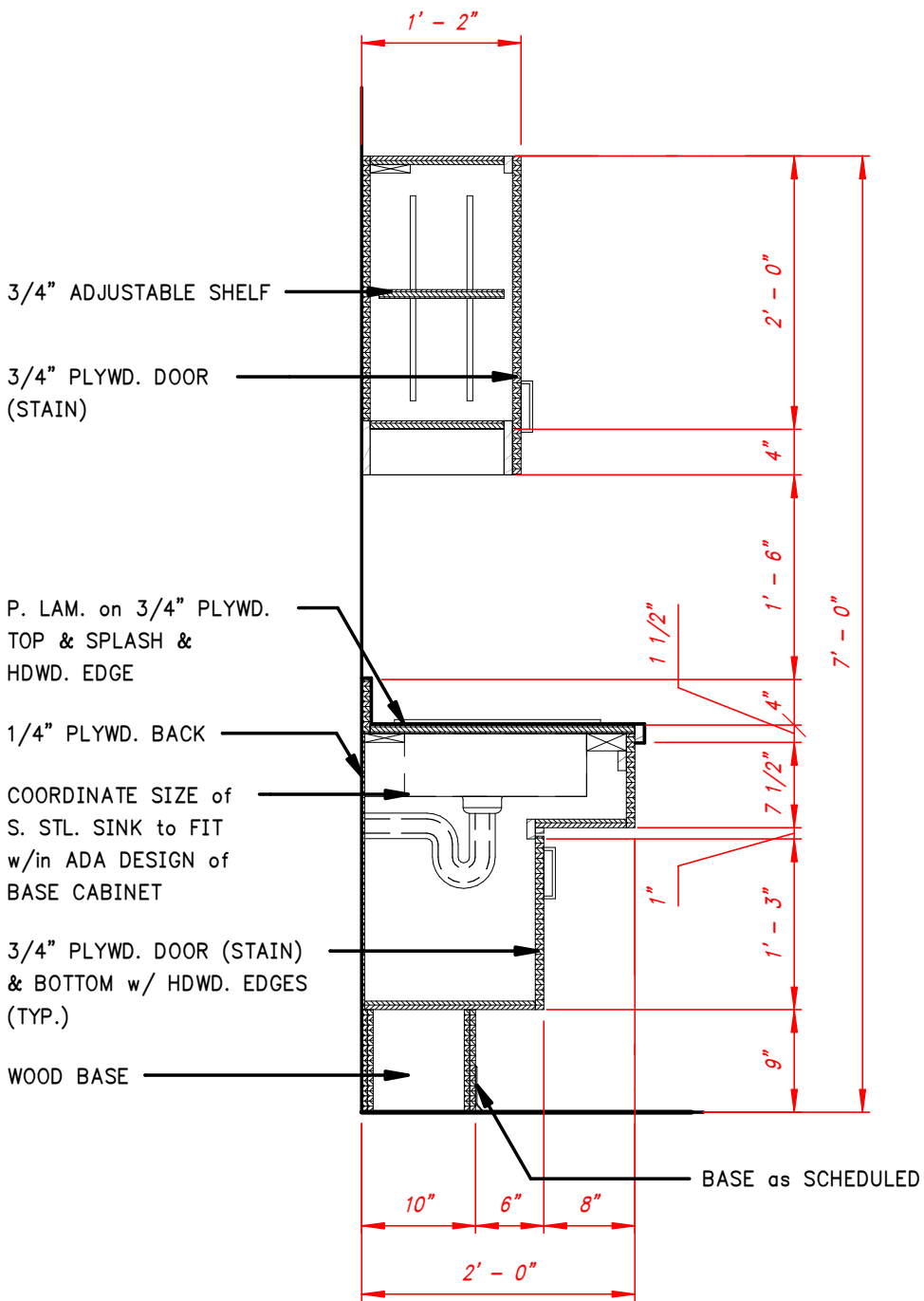
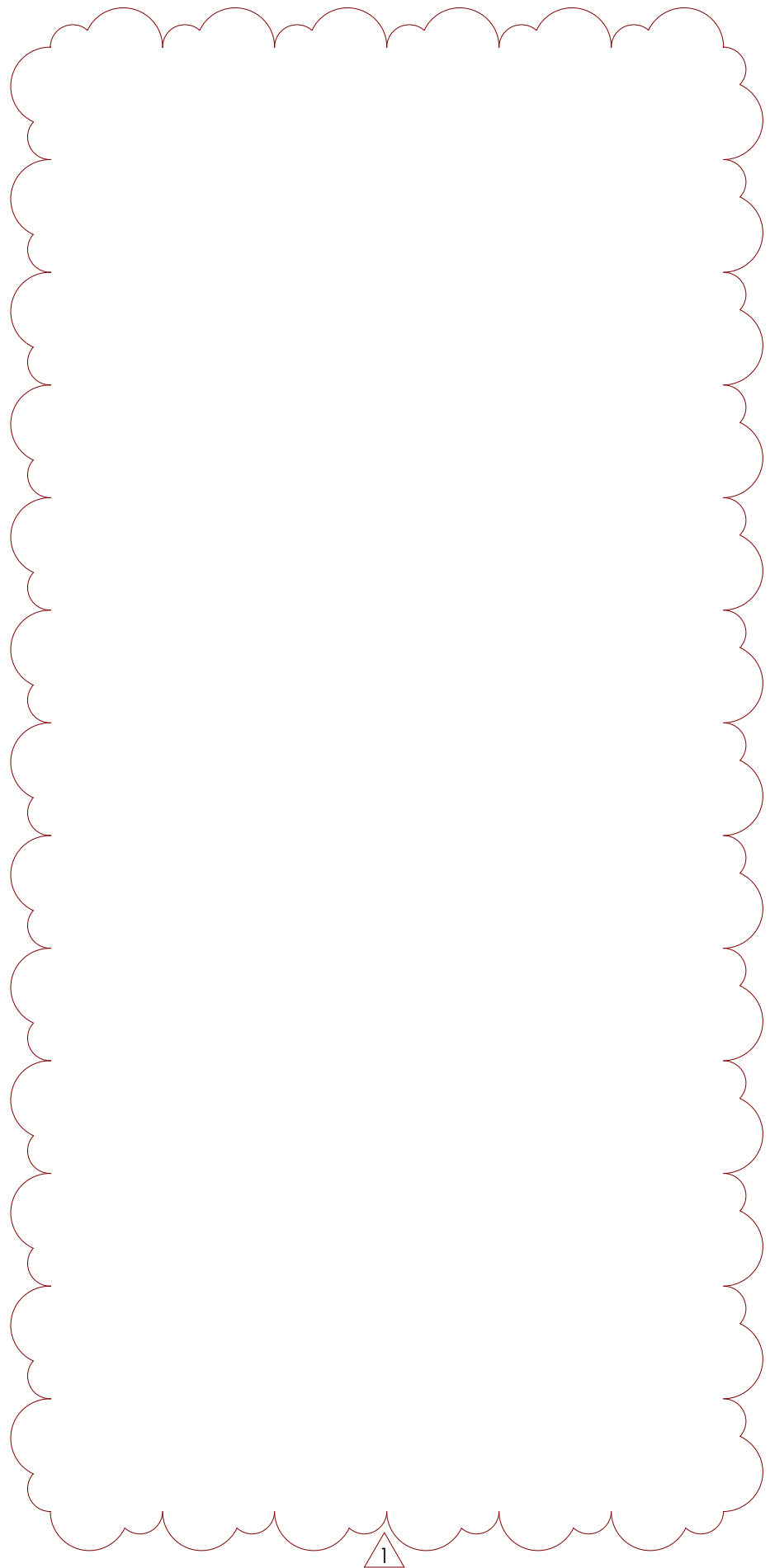
MILLWORK
ELEVATION –
M–L04A–B B 2
3/8" = 1'-0" AL-10



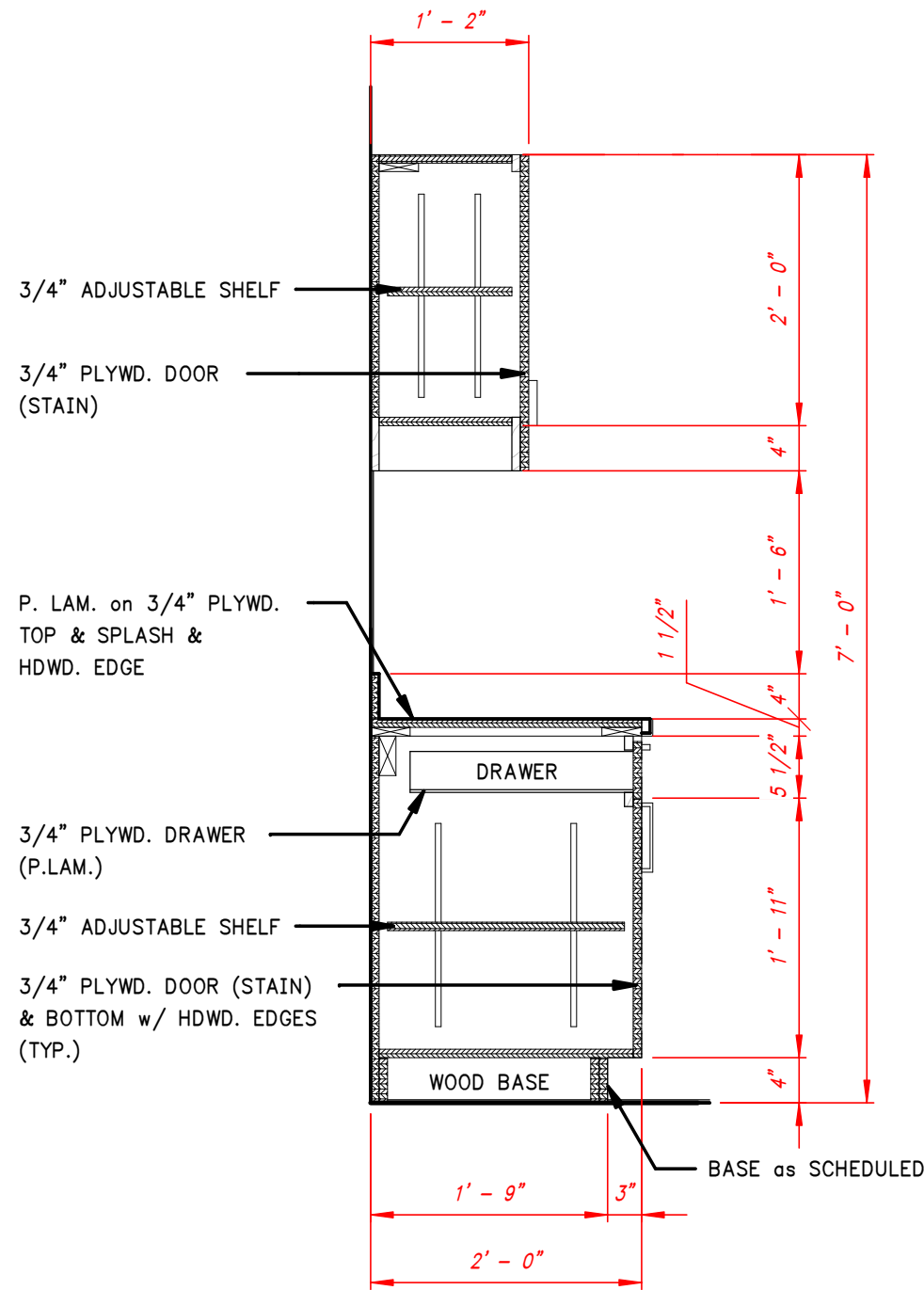
MILLWORK
ELEVATION –
M–L05 3
3/8" = 1'-0" AL-10



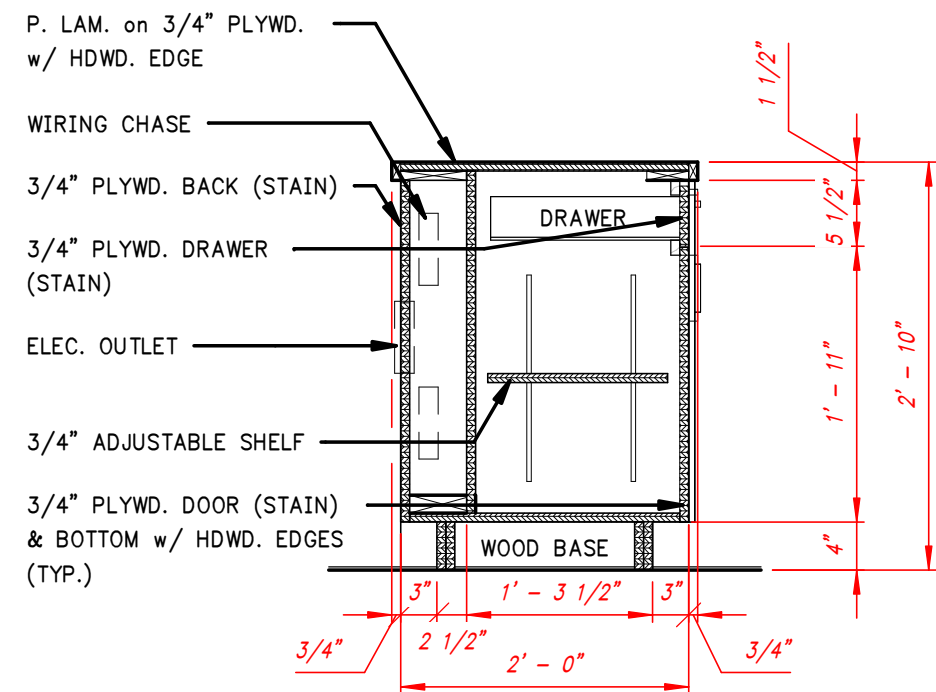
MILLWORK
ELEVATION –
M–L104B 4
3/8" = 1'-0" AL-10



SECTION 6
3/4" = 1'-0" AL-10



SECTION 7
3/4" = 1'-0" AL-10



SECTION 8
3/4" = 1'-0" AL-10

mahg
architecture

1" = 1' SCALE
ONE INCH AT FULL SIZE
IF NOT ONE INCH SCALE ACCORDINGLY

DATE	REVISION
4.10.2025	1 Addendum 01



HAWKINS WEIR
ENGINEERS, INC.
BLACK & VEATCH

BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
ADMIN/LAB BUILDING – MILLWORK ELEVATIONS
& DETAILS
FOR: BENTONVILLE WASTEWATER UTILITIES

DATE: MARCH 21, 2025
SCALE: As indicated
DESIGNED BY: NJD
DRAWN BY: NJD
HWEI NO.: 2021037
FILENAME:
SHEET NO.
AL-10

BID DRAWINGS
MARCH 21, 2025

Autodesk Docs://410144 - Bentonville Water Resource Recovery Facility Improvements/WWRF21037-Strvt 4/9/2025 4:00:38 PM / ADF / STRUCTURAL DETAILS I

GENERAL NOTES

ALL STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE OTHER PROJECT DRAWINGS AND SPECIFICATIONS.

SEE OTHER DISCIPLINE DRAWINGS FOR ANCHORS, PIPE SLEEVES, SLEEVES, CONDUITS OR OTHER ITEMS TO BE EMBEDDED IN OR PASS THROUGH THE CONCRETE. IN GENERAL, EMBEDMENTS AND PENETRATIONS LESS THAN 12 INCHES IN DIAMETER MAY NOT BE SHOWN ON STRUCTURAL DRAWINGS.

WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED SIZES.

DESIGN CRITERIA 2021 ARKANSAS FIRE PREVENTION CODE (2021 IRC)
BUILDING CODES: ASCE 7-22

CAST-IN-PLACE CONCRETE NOTES

REINFORCED CONCRETE SHALL CONFORM TO ACI 318, LATEST REVISION.

MINIMUM CONCRETE STRENGTH AT 28 DAYS:

CLASS A: CONCRETE FILL & PIPE ENCASEMENT $f'_c = 2500$ psi
CLASS B: CONCRETE SIDEWALKS & PAVEMENTS $f'_c = 3500$ psi
CLASS C: STRUCTURAL CONCRETE $f'_c = 4500$ psi

REINFORCING STEEL SHALL BE BILLET STEEL CONFORMING TO THE LATEST EDITION OF ASTM A615, GRADE 60.

REINFORCING STEEL FABRICATION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI MANUAL OF STANDARD PRACTICE.

REINFORCING STEEL SHALL HAVE THE FOLLOWING MINIMUM CLEAR CONCRETE COVER

1. CONCRETE CAST AGAINST EARTH (i.e. BOTTOM OF SLABS, FOOTINGS, DRILLED PIERS, ETC.) – 3 INCHES

2. ALL OTHER CONCRETE SURFACES – 2 INCHES

MINIMUM TENSION LAP SPLICE LENGTHS FOR GRADE 60 REINFORCING BARS IN WALLS AND SLABS SHALL BE IN ACCORDANCE WITH DETAIL S101 THIS SHEET. UNLESS OTHERWISE NOTED ON THE DRAWINGS, LAP SPLICES NOT COVERED BY DETAIL S101 SHALL BE AS SHOWN ON THE DRAWINGS OR SHALL BE REFERRED TO THE ENGINEER FOR DETERMINATION OF REQUIRED LENGTH.

CONSTRUCTION JOINTS SHALL NOT BE PLACED AT LOCATIONS OTHER THAN THOSE SHOWN ON THE DRAWINGS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.

ALL EXPOSED CORNERS OF CONCRETE SHALL HAVE 1" CHAMFER, UNLESS OTHERWISE NOTED.

BLOCKOUTS IN THE CONCRETE FORMWORK SHALL NOT BE ALLOWED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.

MODIFICATION AND REPAIR TO CONCRETE NOTES

SEE SPECIFICATION SECTION 03740 FOR EXPLANATION OF CONCRETE REMOVAL METHODS, CONNECTION METHODS AND MATERIALS USED.

CONNECTION METHODS ARE SPECIFIED IN DETAIL IN SPECIFICATION SECTION 03740.

METHOD A – CEMENT SLURRY BONDING
METHOD B – BONDING USING BONDING ADHESIVE
METHOD C – DRILLED DOWELS OR BOLTS USING DOWELING ADHESIVE
METHOD D – COMBINATION OF METHODS B AND C

CONCRETE JOINT NOTES

UNLESS OTHERWISE NOTED, PROVIDE SEALANT IN JOINTS AS SHOWN ON THE DRAWINGS AND AS FOLLOWS:

1. EXPANSION JOINTS SHALL HAVE SEALANT APPLIED TO BOTH SIDES OF THE JOINT, EXCEPT FOR THE SOIL SIDE OF A BASE SLAB JOINT.

2. CONTROL JOINTS AND CONSTRUCTION JOINTS WILL NOT REQUIRE SEALANT, UNLESS OTHERWISE SHOWN ON THE DRAWINGS.

UNLESS OTHERWISE NOTED, PROVIDE WATERSTOPS IN JOINTS AS SHOWN ON THE DRAWINGS AND AS FOLLOWS:

1. IN ALL EXTERIOR BELOW GRADE WALLS AND SLABS.

WATERSTOPS AT BOTH HORIZONTAL AND VERTICAL CONSTRUCTION JOINTS SHALL BE CONTINUOUS. WATERSTOPS AT THE INTERSECTION OF HORIZONTAL AND VERTICAL CONSTRUCTION JOINTS SHALL BE FABRICATED BY THE MANUFACTURER. ALTERNATIVELY, WATERSTOPS MAY BE FIELD WELDED TO ACHIEVE SUCH CONTINUITY.

STEEL NOTES

STRUCTURAL SHAPES SHALL CONFORM TO ASTM A992.

PLATES AND BARS SHALL CONFORM TO ASTM A36, UNLESS OTHERWISE NOTED.

ALL STRUCTURAL STEEL SHALL BE FABRICATED, ERECTED, AND CONNECTED IN COMPLIANCE WITH THE LATEST AISC SPECIFICATIONS. MINIMUM THICKNESS OF CLIP ANGLES OR CONNECTOR PLATES SHALL BE 1/4".

STRUCTURAL STEEL FOR BUILDING CONSTRUCTION (I.E. COLUMNS, BEAMS, JOISTS, DECK, ETC.) SHALL BE SHOP PRIMED AND FIELD PAINTED AS SPECIFIED (UNLESS NOTED OTHERWISE). STRUCTURAL STEEL FOR ACCESS PLATFORMS, EQUIPMENT PLATFORMS, AND STAIRS SHALL BE HOT-DIP GALVANIZED.

BOLTED CONNECTIONS SHALL BE MADE USING TYPE 316 STAINLESS STEEL HIGH-STRENGTH BOLTS AS SHOWN ON THE DRAWINGS OR AS SPECIFIED. ALL BOLTS SHALL BE 3/4" DIAMETER IN 13/16" DIAMETER HOLES UNLESS OTHERWISE SPECIFIED. PROVIDE A MINIMUM OF TWO (2) BOLTS PER CONNECTION.

ALL HARDWARE FOR ACCESS PLATFORMS AND STAIRS THAT ARE COMPOSED OF HOT-DIP GALVANIZED STRUCTURAL MEMBERS, ALUMINUM GRATING, AND ALUMINUM HANDRAIL SHALL BE TYPE 316 STAINLESS STEEL.

ALL WELDING SHALL BE DONE IN ACCORDANCE WITH LATEST EDITION OF THE STRUCTURAL WELDING CODE AWS D1.1. WELD FILLER METAL SHALL BE E70XX ELECTRODES, UNLESS OTHERWISE SPECIFIED. MINIMUM WELD SIZE SHALL BE 3/16 INCH FILLET WELD, UNLESS OTHERWISE NOTED. ALL WELDS SHALL BE FIELD PAINTED AS SPECIFIED, OR COATED WITH A MINIMUM OF TWO (2) COATS OF COLD GALVANIZING FOR GALVANIZED STEEL MEMBERS.

HOT-DIP GALVANIZING, SHOP PAINTING, AND FIELD PAINTING, AS REQUIRED, SHALL BE DONE IN

FOUNDATION NOTES

IN PREPARATION OF DRAWINGS AND SPECIFICATIONS, THE ENGINEER HAS RELIED UPON THE GEOTECHNICAL DESIGN REPORT PREPARED BY GTS, REPORT NO. 2021037, DATED NOVEMBER 25, 2021. THIS REPORT IS PART OF THE CONTRACT DOCUMENTS.

ALL FOUNDATION BEARING SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL ENGINEER.

STRUCTURAL EXCAVATION, BACKFILLING, AND GRADING

SEE SPECIFICATION SECTION 02316 FOR EXPLANATION OF STRUCTURAL EXCAVATION, BACKFILLING, AND GRADING PROCEDURES AND ACCEPTABLE MATERIALS.

CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING TEMPORARY EXCAVATION SUPPORT SYSTEMS, INCLUDING SHEETING, SHORING AND BRACING, TO INSURE THE SAFETY OF PERSONNEL AND PROTECT ADJACENT STRUCTURES, PIPING, ETC. (NEW OR EXISTING) IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL LAWS, REGULATIONS

ALUMINUM GRATING AND COVER PLATE NOTES

GRATING SHALL BE ALUMINUM OR FIBERGLASS AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. ALUMINUM GRATING SHALL BE ALUMINUM ALLOY 6063-T6. GRATING SUPPORTS SHALL BE GALVANIZED STEEL WITH ONE (1) COAT OF COAL TAR EPOXY BETWEEN GRATING AND SUPPORTS TO PROVIDE DIELECTRIC SEPARATION.

COVER PLATES AND SUPPORTS SHALL BE ALL ALUMINUM CONSTRUCTION UNLESS OTHERWISE NOTED. COVER PLATES SHALL BE ALUMINUM ALLOY 6061-T6.

FASTENERS, ANCHORS, BOLTS, NUTS, AND WASHERS FOR ALUMINUM GRATING, COVER PLATES, AND SUPPORTS SHALL BE TYPE 316 STAINLESS STEEL.

BAND ALL GRATING ALONG EDGES AND AROUND OPENINGS WITH CONTINUOUS BAR EQUAL TO BEARING BARS.

ALL ANGLE FRAMES FOR GRATING ARE TO BE MITERED AND WELDED AT CORNERS.

ALL GRATING SHALL BE SECURELY FASTENED TO SUPPORTS WITH STAINLESS STEEL GRATING CLIPS AND ANCHORS, UNLESS OTHERWISE NOTED.

GRATING PANEL LAYOUT SHALL PROVIDE FOR THE REMOVAL OF GRATING AROUND PIPE AND OTHER GRATING PENETRATIONS. MAXIMUM GRATING PANEL WEIGHT SHALL BE 40-POUNDS.

ALL COVER PLATES SHALL BE SECURELY FASTENED TO SUPPORTS WITH 1/4" STAINLESS STEEL FLAT-HEAD MACHINE SCREWS AT 2'-0" ON CENTER, UNLESS OTHERWISE NOTED.

GRATING SIZE SHALL MEET THE FOLLOWING CRITERIA UNLESS SPECIFICALLY NOTED OTHERWISE ON DRAWING:

STEEL GRATING	RECTANGULAR BEARING BAR SIZE
SPAN TO 4'-6"	USE 1 1/2" x 3/16" MIN

FIELD VERIFY GRATING SUPPORT LOCATIONS BEFORE FABRICATING GRATING. PLACE SUPPORTS WITH EXTREME CARE TO PROVIDE TOLERANCES SHOWN OR SPECIFIED.

MASONRY NOTES

HOLLOW, LOAD-BEARING CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90, GRADE N, TYPE I, LIGHTWEIGHT UNITS, AND INSTALLED IN RUNNING BOND PATTERN, UNLESS OTHERWISE NOTED.

MORTAR FOR REINFORCED MASONRY SHALL CONFORM TO ASTM C270, TYPE S, UNLESS OTHERWISE NOTED. GROUT SHALL CONFORM TO ASTM C476.

REFER TO PLANS AND SPECIFICATIONS FOR MASONRY REINFORCEMENT REQUIREMENTS, INCLUDING HORIZONTAL JOINT REINFORCEMENT. DEFORMED REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60.

MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF MASONRY AT 28 DAYS, $f'_m = 1500$ psi.

ALUMINUM HANDRAIL NOTES

ALUMINUM HANDRAIL SHALL BE MODULAR CONSTRUCTION AND SHALL BE SIMILAR AND EQUAL TO PEAK TO PEAK RAILINGS, WHEAT RIDGE, COLORADO; GOLDEN RAILING, BROOMFIELD, COLORADO; OR APPROVED EQUAL. FABRICATED HANDRAIL WILL NOT BE PERMITTED.

SYMBOLS

- (E) INDICATES EQUIPMENT PAD, PER DETAIL S-03-107 THIS SHEET. COORDINATE SIZE WITH EQUIPMENT REQUIREMENTS.
- (H) INDICATES HOUSEKEEPING PAD, PER DETAIL S-03-108 THIS SHEET. COORDINATE SIZE WITH EQUIPMENT REQUIREMENTS.

STANDARD DETAILS SHOWN ON THESE DRAWINGS SHALL BE USED AT ALL

LAP SPLICE LENGTHS IN WALLS AND SLABS	
BAR SIZE	2"
3	2
4	2
5	3
6	3
7	4
8	4

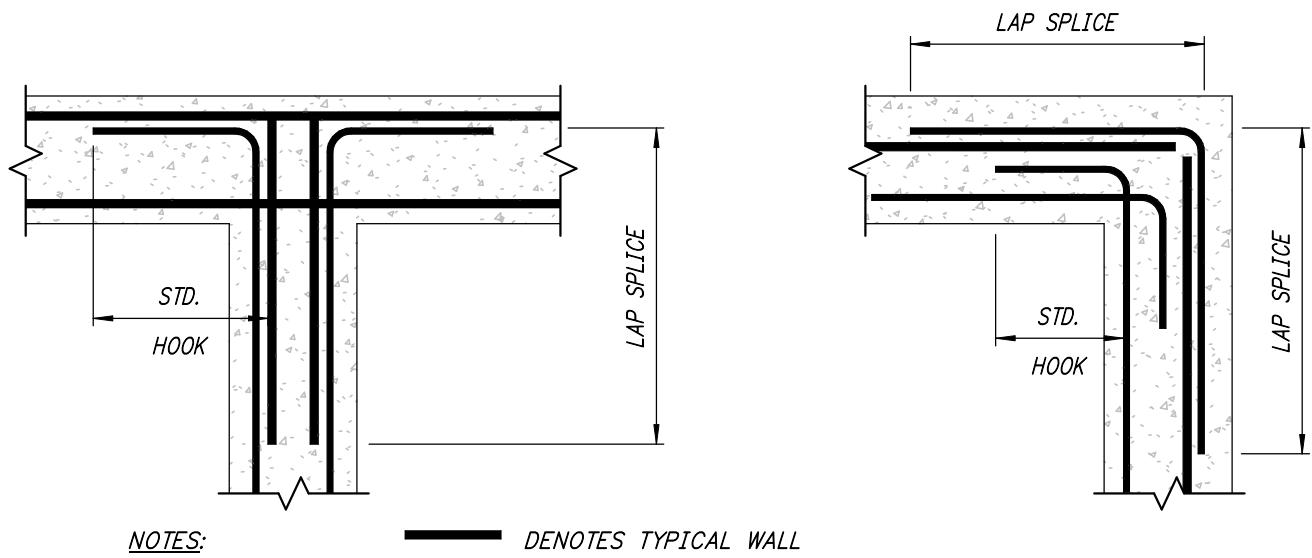
NOTES:

1. TABLE IS BASED ON ACI 318R-19 & $f'_c = 4000$ PSI. BARS ARE UNCOATED.
2. MINIMUM BAR SPACING = 6" O.C.
3. LENGTHS FOR BEAMS AND COLUMNS SHALL BE AS SHOWN ON THE DRAWINGS.
4. LAP SPLICE LENGTHS SHALL BE INCREASED FOR LOWER CONCRETE COMPRESSIVE STRENGTH AS FOLLOWS:

f'_c	MULTIPLIER
3000 PSI	1.16
3500 PSI	1.07

LAP SPLICE LENGTHS

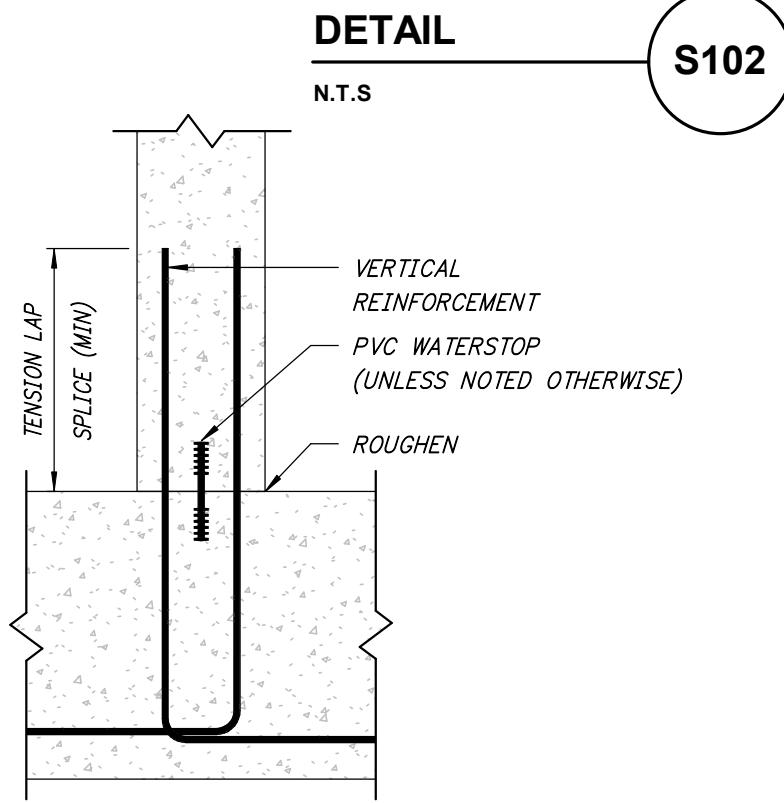
DETAIL S101 N.T.S.



NOTES:

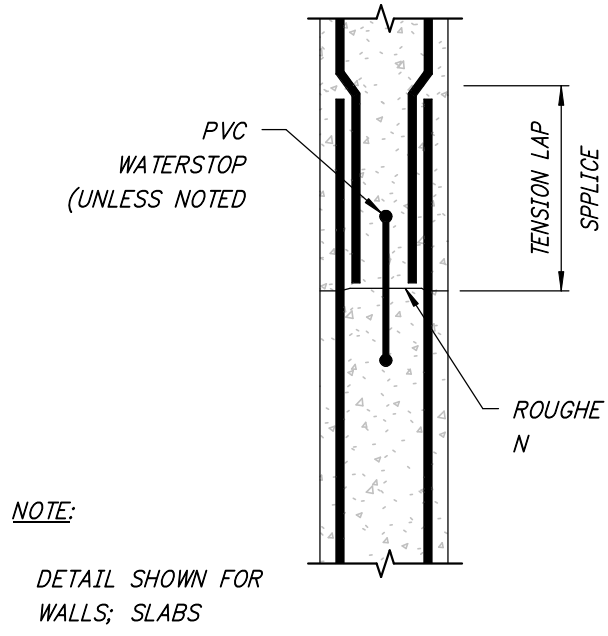
1. SPLICE BARS TO BE SAME SIZE AND SPACING AS LARGER OF BARS BEING SPLICED. SPLICE BARS SHALL BE LAPPED WITH TYPICAL WALL REINFORCEMENT.
2. EXTEND BAR HOOKED ENDS TO FAR FACE OF WALL.
3. REINFORCING STEEL LAYOUT FOR WALLS WITH SINGLE MAT OF REINFORCEMENT SIMILAR TO ABOVE PATTERN FOR EXTERIOR MAT OF REINFORCEMENT.

CORNER REINFORCEMENT PLANS



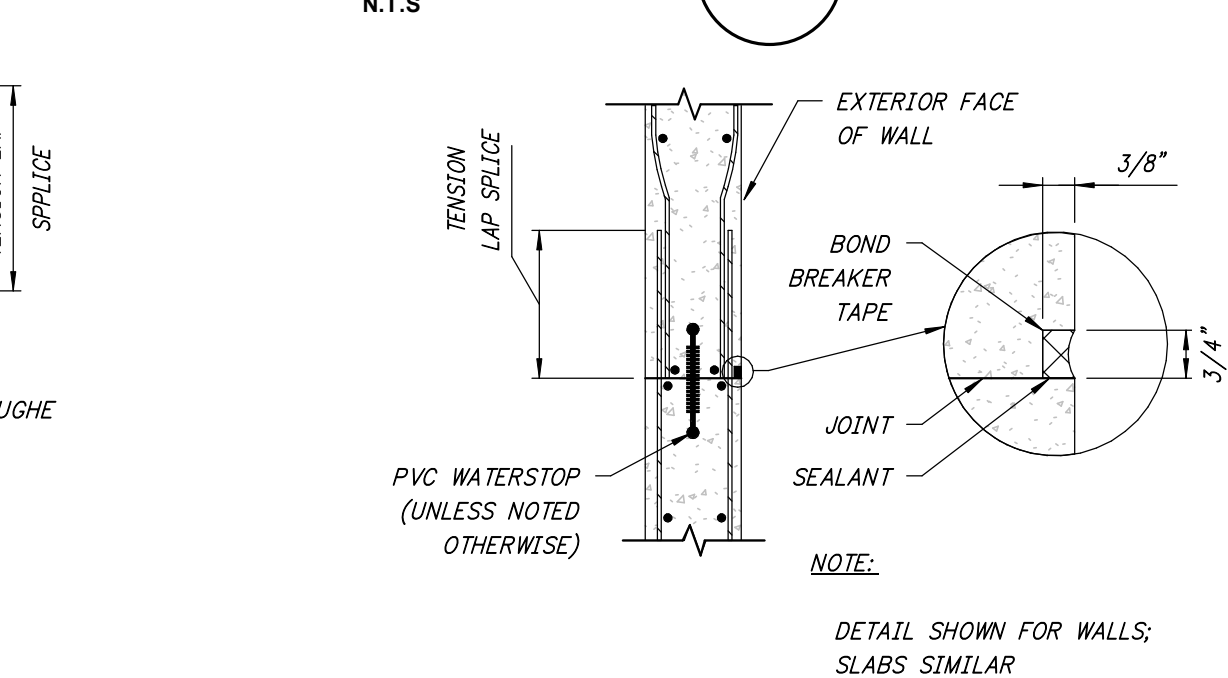
WALL CONSTRUCTION JOINT AT SLAB

DETAIL S104 N.T.S.



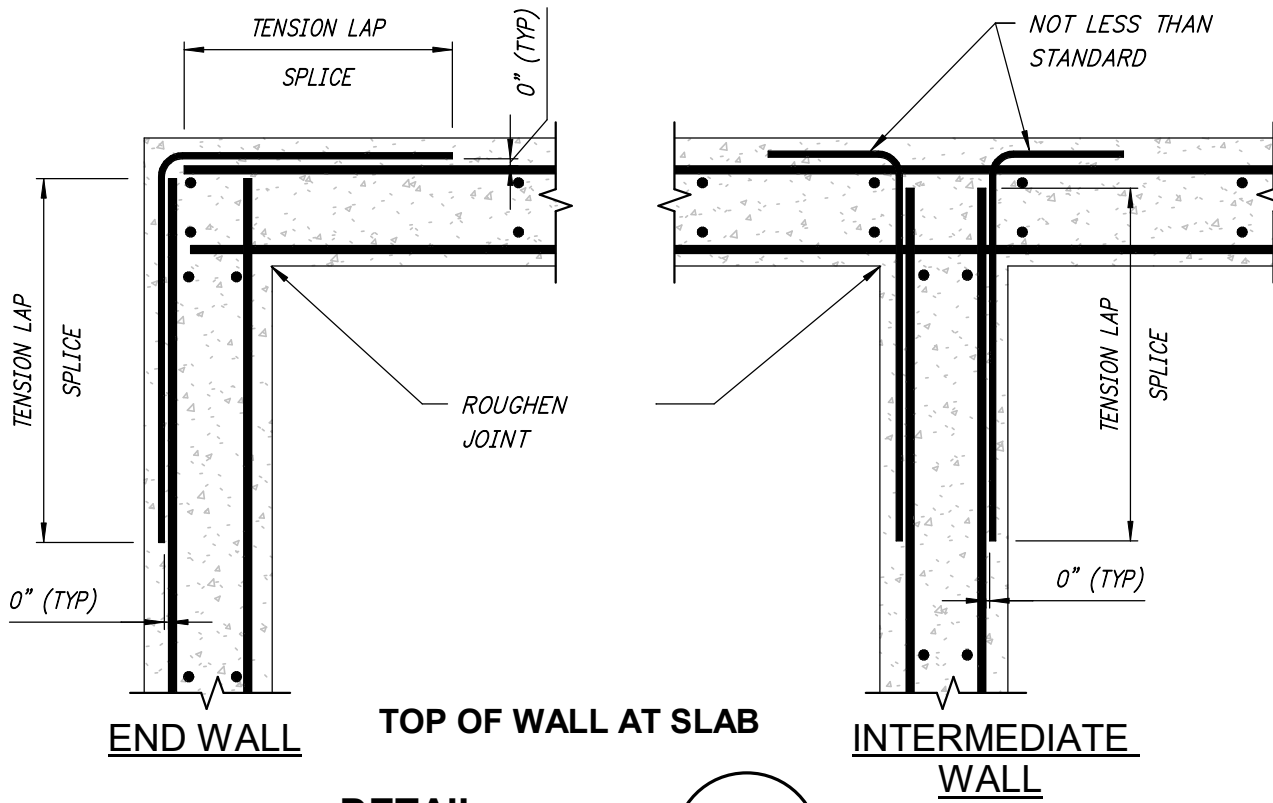
CONSTRUCTION JOINT

DETAIL S105 N.T.S.

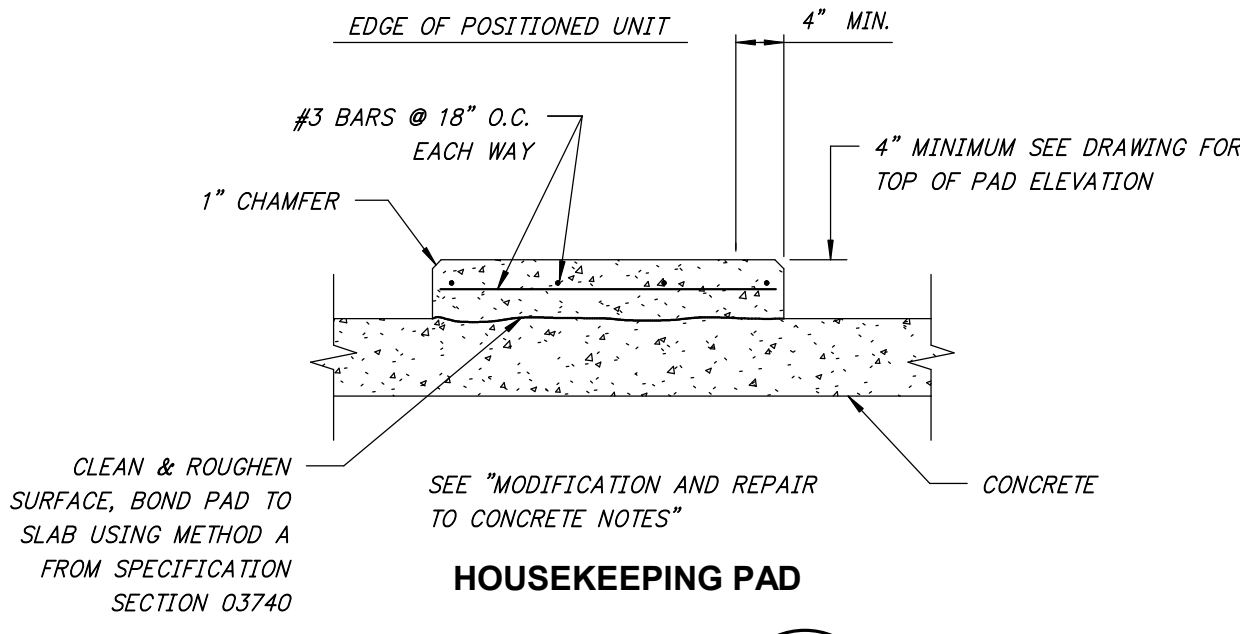


CONSTRUCTION JOINT AND SEALANT

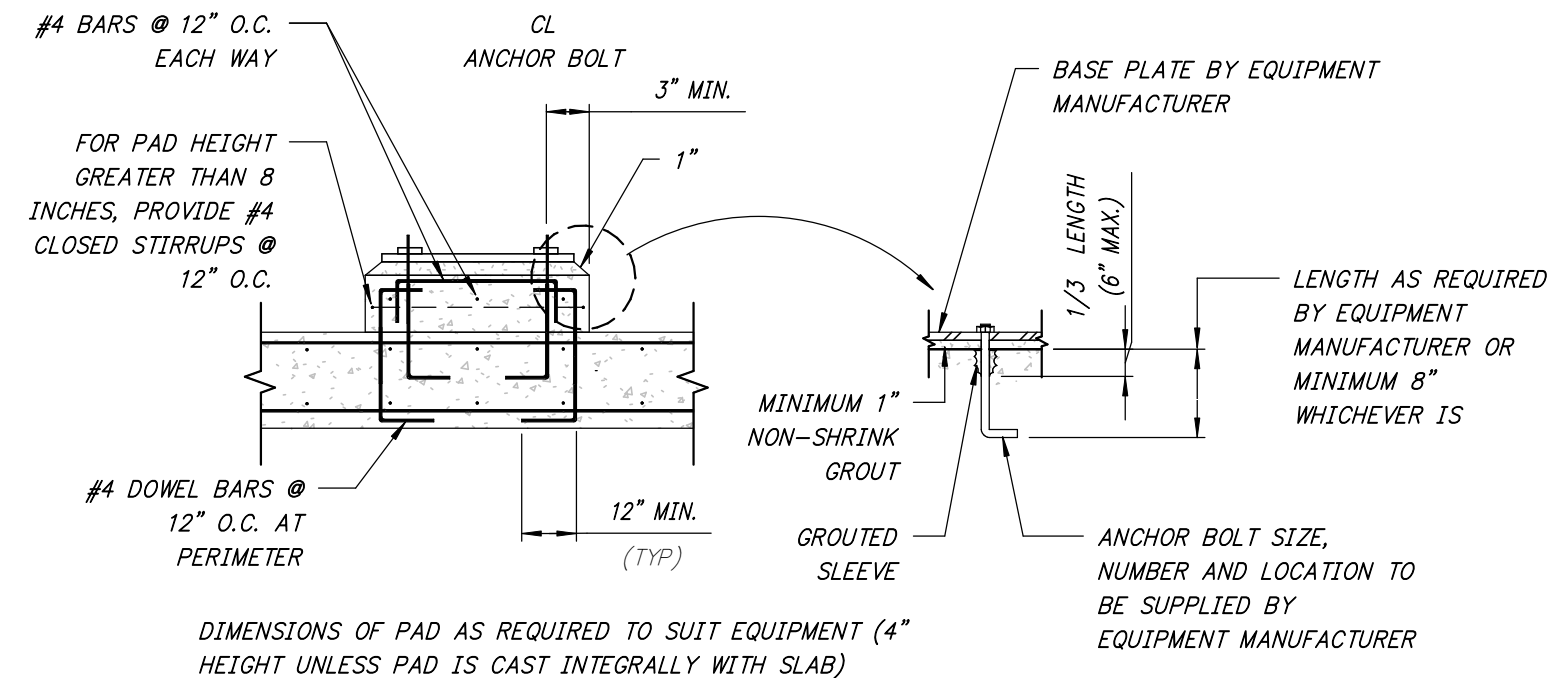
DETAIL S106 N.T.S.



DETAIL S107 N.T.S.

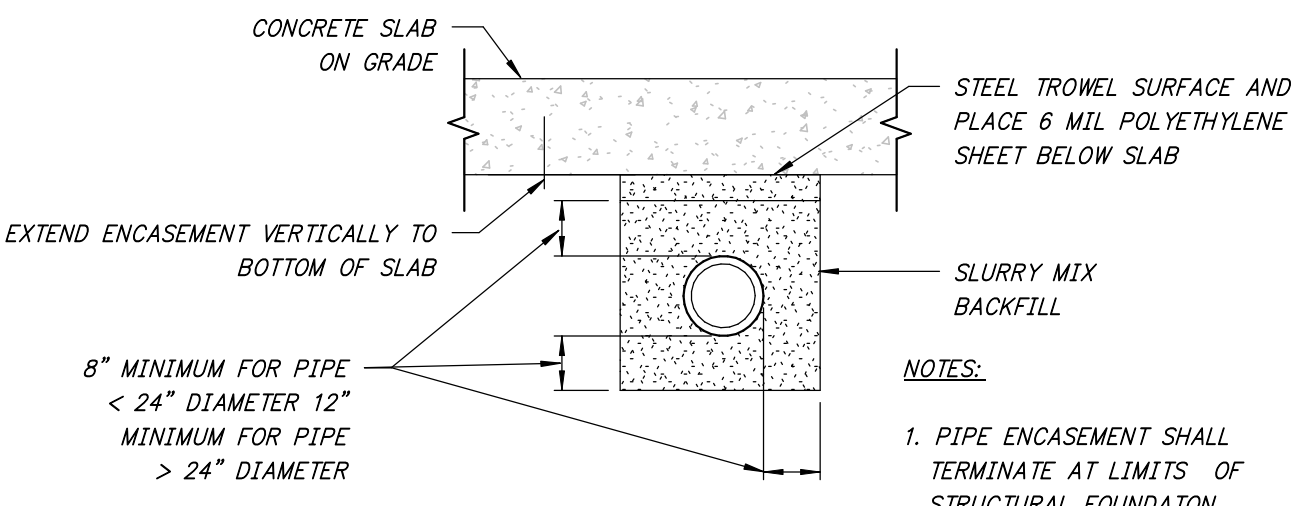


DETAIL S109 N.T.S.



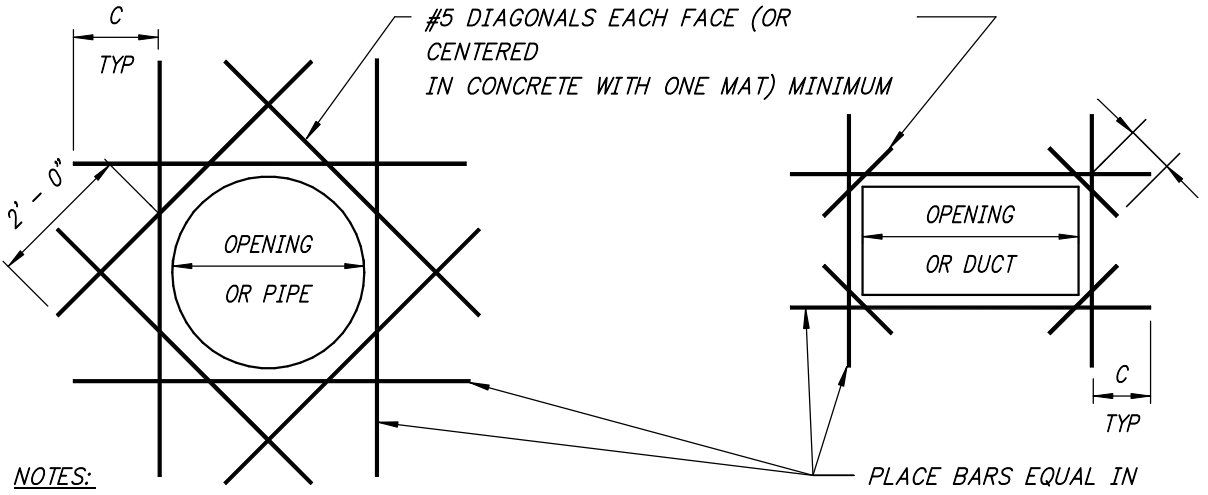
EQUIPMENT PAD

DETAIL S108 N.T.S.



SLURRY MIX PIPE ENCASEMENT

DETAIL S110 N.T.S.



NOTES:

1. C = TENSION LAP SPLICE; PROVIDE STANDARD HOOK IF FULL DEVELOPMENT LENGTH IS NOT POSSIBLE.
2. REINFORCING STEEL IS TO BE CARRIED ACROSS ALL CONSTRUCTION JOINTS.
3. DETAIL IS TYPICAL FOR ALL OPENINGS GREATER THAN 10 INCHES IN CONCRETE WALLS AND SLABS UNLESS OTHERWISE NOTED.
4. EXTRA BARS ARE NOT REQUIRED AT AN OPENING EDGE PARALLEL TO AND WITHIN 6 INCHES OF A WALL OR BEAM.

EXTRA REINFORCEMENT AT OPENINGS

DETAIL S103 N.T.S.

1

ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

DATE

04/10/2025

REVISION

REVISED PER ADDENDUM NO. 1

REGISTERED PROFESSIONAL ENGINEER
STATE OF ARKANSAS
NO. 13205
LARRY C. HAWKINS
4/10/25

CITY OF BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE
RECOVERY FACILITY IMPROVEMENTS

STRUCTURAL DETAILS I

FOR: BENTONVILLE WASTEWATER UTILITIES

DATE

MARCH 2025

SCALE

As indicated

DESIGNED

LCH

DRAWN

ADF

HWEI

2021037

FILENAME

WWRF21037-ST

SHEET

SZ-1

BID DRAWINGS

MARCH 21, 2025

Autodesk Docs\\410144 - Bentonville Water Resource Recovery Facility Improvements\\H-GENERAL.rvt 4/8/2025 10:44:04 AM / YBM / PLUMBING

BACKFLOW PREVENTER SCHEDULE								
UNIT NUMBER	LOCATION	MANUFACTURER	MODEL	SERVICE	BODY SIZE (IN)	MAXIMUM FLOW (GPM)	MAXIMUM PRESSURE DIFFERENTIAL (PSI)	NOTES
BFP-A01	INFLUENT STRUCTURE BUILDING	ZURN	975XL3	POTABLE WATER	1 1/4	33	14	1
BFP-A02	INFLUENT STRUCTURE BUILDING	ZURN	975XL3	POTABLE WATER	1 1/2	42	14	1
BFP-A03	INFLUENT STRUCTURE BUILDING	ZURN	975XL3	NON POTABLE WATER	1	12	12	1
BFP-J01	EFFLUENT PUMP STATION BUILDING	ZURN	975XL3	POTABLE WATER	1 1/4"	20	12	1
BFP-L01	ADMINISTRATION / LABORATORY BUILDING	ZURN	375 DA	POTABLE WATER	2 1/2	69	15	1
BFP-L02	ADMINISTRATION / LABORATORY BUILDING	ZURN	975XL3	NON POTABLE WATER	3/4"	8	12	1
BFP-M01	MAINTENANCE BUILDING	ZURN	375 DA	POTABLE WATER	2 1/2	62	15	1

PIPING ACCESSORIES SCHEDULE					
UNIT NUMBER	MANUFACTURER	MODEL	DESCRIPTION	NOTES	
FCO-1	SMITH	4111 SERIES	HEAVY DUTY FLOOR CLEANOUT, SECURED ROUND ADJUSTABLE NICKEL BRONZE TOP.	---	
FCO-2	SMITH	4240 SERIES	HEAVY DUTY FLOOR CLEANOUT WITH ADJUSTABLE TRACTOR COVER	---	
FD-1	SMITH	2141 SERIES	HEAVY DUTY CAST IRON FLOOR DRAIN, 12" DIAMETER TRACTOR GRATE TRAP PRIMER CONNECTION - P050	---	
FD-2	SMITH	2005-A SERIES	MEDIUM DUTY CAST IRON FLOOR DRAIN, ADJUSTABLE TOP, NICKEL BRONZE ROUND GRATE W/ TRAP PRIMER CONN.	---	
FD-3	SMITH	2141 SERIES	HEAVY DUTY CAST IRON FLOOR DRAIN, 12" DIAMETER TRACTOR GRATE WITH TRAP BARRIER	---	
FR-1	SMITH	3800 SERIES	MEDIUM DUTY CAST IRON FUNNEL RECEPTOR, WATERSTOP FLANGE, THREADED OR NO-HUB CONNECTION, W/ TRAP PRIMER CONN.	---	
FR-2	SMITH	3510 SERIES	DUCO CAST IRON BODY AND FLASHING COLLAR WITH ADJUSTABLE STRAINER HEAD WITH SECURED SQUARE HOLE GRATE AND FUNNEL ATTACHED TO THE GRATE. W/ TRAP PRIMER CONN.	---	
FS-1	SMITH	3040 SERIES	SQUARE FLOOR SINK, CAST IRON BODY, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER, NICKEL BRONZE FRAME AND FULL GRATE.	---	
GCO-1	SMITH	4240 SERIES	HEAVY DUTY FLOOR CLEANOUT WITH ADJUSTABLE TRACTOR COVER	---	
MV-1	SYMMONS	MAXLINE 7-225-CK	THERMOSTATIC MIXING VALVE, 1/2" BODY, 0.5 GPM MINIMUM FLOW, 7.5 GPM FLOW AT 20 PSI MAXIMUM DIFFERENTIAL PRESSURE, INITIAL SETPOINT 110 F.	---	
TD-1	ACO	POWER DRAIN/K-200 SERIES	EXTRA HEAVY DUTY TRENCH DRAIN, POLYMER CONCRETE, PRESLOPED, HEAVY DUTY CAST IRON GRATE, 4" BOTTOM OUTLET, S200K, SECTION LENGTH 36' 0". WITH LOAD CLASS F - 200,000 LB	---	
TD-2	ACO	POWER DRAIN/K-200 SERIES	EXTRA HEAVY DUTY TRENCH DRAIN, POLYMER CONCRETE, PRESLOPED, HEAVY DUTY CAST IRON GRATE, 4" BOTTOM OUTLET, S200K, SECTION LENGTH 12' 0" WITH LOAD CLASS F - 200,000 LB	---	
TD-3	ACO	POWER DRAIN/K-200 SERIES	EXTRA HEAVY DUTY TRENCH DRAIN, POLYMER CONCRETE, PRESLOPED, HEAVY DUTY CAST IRON GRATE, 4" BOTTOM OUTLET, S200K, SECTION LENGTH 50' 0" WITH LOAD CLASS F - 200,000 LB	---	

PLUMBING EQUIPMENT SCHEDULE					
UNIT NUMBER	MANUFACTURER	MODEL	DESCRIPTION	APPROX WEIGHT (LBS)	NOTES
CP-L01	BELL & GOSSETT	NBF-22	IN-LINE HOT WATER CIRCULATING PUMP, 1 GPM, 7 FEET HEAD, 120 VOLT, 1 PHASE, 60 HZ.	---	---
CP-M01	BELL & GOSSETT	NBF-22	IN-LINE HOT WATER CIRCULATING PUMP, 1 GPM, 7 FEET HEAD, 120 VOLT, 1 PHASE, 60 HZ.	---	---
ET-L01	AMTROL THERM-X-TROL	ST-C SERIES	EXPANSION TANK, PIPELINE MOUNTED, 8.98 GALLON, PRECHARGE TO 55 PSIG.	---	---
ET-A01	AMTROL THERM-X-TROL	ST-C SERIES	EXPANSION TANK, PIPELINE MOUNTED, 14 GALLON, PRECHARGE TO 80 PSIG.	---	---
ET-M01	AMTROL THERM-X-TROL	ST-C SERIES	EXPANSION TANK, PIPELINE MOUNTED, 6.4 GALLON, PRECHARGE TO 55 PSIG.	---	---
EWH-L01	STATE	CSB SERIES	ELECTRIC WATER HEATER, COMMERCIAL GRADE, 119 GALLONS STORAGE, 277 GPH RECOVERY AT 100 F RISE, 54 KW, 480 VOLT, 3 PHASE, 60 HZ.	390	---
EWH-A01	STATE	CSB SERIES	ELECTRIC WATER HEATER, COMMERCIAL GRADE, 119 GALLONS STORAGE, 123 GPH RECOVERY AT 100 F RISE, 24 KW, 480 VOLT, 3 PHASE, 60 HZ.	390	---
EWH-A02	HUBBELL	ER10-2 SSA	ELECTRIC WATER HEATER, EXPLOSION RESISTANCE, 10 GALLONS OF STORAGE, STAINLESS STEEL VESSEL, 2 KW, 120 VOLT, 1 PHASE, 60 HZ.	---	1
EWH-M01	STATE	CSB SERIES	ELECTRIC WATER HEATER, COMMERCIAL GRADE, 50 GALLONS STORAGE, 123 GPH RECOVERY AT 100 F RISE, 24 KW, 480 VOLT, 3 PHASE, 60 HZ.	120	---
HR-1	HANNAY	3528-25-26	HOSE REEL WITH 1 1/2" SWIVEL WATER SUPPLY AND 100 FEET TYPE 1 HOSE.	---	---
HR-2	HANNAY	3024-25-26	HOSE REEL WITH 3/4" SWIVEL WATER SUPPLY AND 100 FEET TYPE 2 HOSE.	---	---
HR-3	REELCRAFT	SERIES 80000	ULTIMATE DUTY DUAL PEDESTAL HOSE REEL WITH 3/4" COMPRESSOR AIR SUPPLY AND 60 FEET TYPE 2 HOSE.	---	---
NT-L01	ORION	STYLE 9	NEUTRALIZATION TANK, 5 GALLON, 2" INLET AND OUTLET, 1 1/2" VENT CONNECTION.	---	---
O-M01	HDP/ SEDIMENT INTERCEPTORS	BIG-1150-O	HDPE OIL / SEDIMENT INTERCEPTORS, MULTI-STAGE BASIN TYPE, 300 GALLONS, 2 STAGE, 6" INLET AND OUTLET, 3" VENT., DEEP SEAL TRAP COVERED BY LOAD CLASS "C" DUCTILE IRONTOP INLET GRATES, SEDIMENT BUCKET (3/8" DIA HOLES, 1/2" APART) WITHIN ADJUSTABLE TOP ASSEMBLY SYSTEM, INTERNAL AIR RELIEF BY-PASS AND SAMPLE PORT ACCESS.	---	---
TP-A01	PRECISION PLUMBING PRODUCTS	PRIME-TIME PT-4	ELECTRONIC TRAP PRIMING MANIFOLD, SURFACE MOUNTED, 3/4" NPT INLET, 1/2" TUBE CONNECTIONS, 120 VOLTS, 1 PHASE, 60 HZ, 4 CONNECTIONS.	---	2
TP-A02	PRECISION PLUMBING PRODUCTS	PRIME-TIME PT-4	ELECTRONIC TRAP PRIMING MANIFOLD, SURFACE MOUNTED, 3/4" NPT INLET, 1/2" TUBE CONNECTIONS, 120 VOLTS, 1 PHASE, 60 HZ, 4 CONNECTIONS.	---	2
TP-A03	PRECISION PLUMBING PRODUCTS	PRIME-TIME PT-4	ELECTRONIC TRAP PRIMING MANIFOLD, SURFACE MOUNTED, 3/4" NPT INLET, 1/2" TUBE CONNECTIONS, 120 VOLTS, 1 PHASE, 60 HZ, 4 CONNECTIONS.	---	2
TP-J01	PRECISION PLUMBING PRODUCTS	PRIME-TIME PT-4	ELECTRONIC TRAP PRIMING MANIFOLD, SURFACE MOUNTED, 3/4" NPT INLET, 1/2" TUBE CONNECTIONS, 120 VOLTS, 1 PHASE, 60 HZ, 4 CONNECTIONS.	---	---
TP-M01	PRECISION PLUMBING PRODUCTS	PRIME-TIME PT-6	ELECTRONIC TRAP PRIMING MANIFOLD, SURFACE MOUNTED, 3/4" NPT INLET, 1/2" TUBE CONNECTIONS, 120 VOLTS, 1 PHASE, 60 HZ, 6 CONNECTIONS.	---	2

PLUMBING FIXTURE SCHEDULE									
UNIT NUMBER	MANUFACTURER	MODEL	DESCRIPTION	WATER (IN)		SANITARY (IN)		APPROX WEIGHT (LBS)	NOTES
				HOT	COLD	WASTE	VENT		
WC-1	AMERICAN STANDARD	BOWL: 2234.001 MADERNA VALVE: 6047.161	WATER CLOSET, FLOOR MOUNT, FLUSH VALVE, 1.6 GALLON/FLUSH MAX, C/W/ HEAVY-DUTY COMMERCIAL ELONGATED SEAT.	---	1"	4"	2"	---	1
WC-2	AMERICAN STANDARD	BOWL: 3461.001 MADERNA VALVE: 6047.161	WATER CLOSET, FLOOR MOUNT, FLUSH VALVE, 1.6 GALLON/FLUSH MAX, C/W/ HEAVY-DUTY COMMERCIAL ELONGATED SEAT.	---	1"	4"	2"	---	1
UR-1	AMERICAN STANDARD	CHINA: 6590.001 WASHBROOK VALVE: 6045.651	URINAL, WALL MOUNT, FLUSH VALVE, 0.5 GALLON/FLUSH MAX.	---	3/4"	2"	1 1/2"	---	1
L-1	AMERICAN STANDARD	LAV: 0476.028 AQUALYN FAUCET: 7358.003 RELIANT 3	LAVATORY, COUNTERTOP 20"x17", OVAL, 4" CENTER, WITH 0.5 GPM AERATED FAUCET AND GRID DRAIN.	1/2"	1/2"	1 1/2"	1 1/2"	---	---
LS	---	---	LAB SINK SEE LAB SPEC SECTION FOR DETAIL	---	1/2"	1 1/2"	1 1/2"	---	---
KS-1	SINK: ELKAY FAUCET: AMERICAN STANDARD	SINK: PSR3321 FAUCET: 6409.170 MONTERREY	KITCHEN SINK, 21"x33", DOUBLE BOWL, 7 1/2" DEEP, 20 GAUGE STAINLESS STEEL, THREE HOLE PUNCHED, LEVER HANDLES, SWIVEL FAUCET.	1/2"	1/2"	2"	1 1/2"	---	---
SS-1	SINK: ELKAY FAUCET: AMERICAN STANDARD	SINK: ELKAY WNSF8124 DRAIN: ELKAY LK25 RT FAUCET: LK940HA08L2S	SAMPLE SINK, 24"x24", FREE STANDING, 14" DEEP, 14 GAUGE STAINLESS STEEL, 2" DRAIN, 24" RIGHT & LEFT DRAIN BOARD, STAINLESS STEEL LEGS, 8" CENTERSET WALL MOUNT FAUCET WITH 8" HIGH ARC SPOUT 2" LEVER HANDLES 1/2" OFFSET INLETS - STOP.	1/2"	1/2"	2"	1 1/2"	---	---
MS-1	SINK: STERN-WILLIAMS FAUCET: AMERICAN STANDARD	SINK: HL-1810-BP3 FAUCET: 8354.112	MOP SINK, 32"x32", 12" DEEP, FLOOR MOUNTED, DIAGONAL FRONT, TWO SPLASH PANELS.	1/2"	1/2"	3"	2"	---	---
SH-1	FAUCET: SYMMONS	FAUCET: S-96-300-B30- V-X-T36	SHOWER VALVE, WALL/HAND SHOWER HEAD WITH VACUUM BREAKER, SLIDE BAR, AND ACCESSORIES.	---	---	---	---	---	---
CS	---	---	CUP SINK, SEE LAB SPEC SECTION FOR DETAILS	---	1/2"	1 1/2"	1 1/2"	---	---
GD-1	IN-SINK-ERATOR	EVOLUTION ESSENTIAL	FOOD WASTE DISPOSER, 3/4 HP, 120 VOLT, 1 PHASE	---	---	---	---	---	---
EW-1	ELKAY	LZS8WSSP / EZH20	ELECTRIC WATER COOLER, WALL MOUNTED, 9 GPH, 120 VOLT, 1 PHASE, 60 HZ, WATER FOUNTAIN WITH BUILT IN FILTER, BOTTLE FILLING STATION.	---	1/2"	1 1/2"	1 1/2"	---	---
ES/EEW-1	HAWS	8300-8309	EMERGENCY SHOWER/EYE/FACE WASH COMBINATION, PEDESTAL MOUNTED, 1 1/4" IPS SUPPLY.	---	1 1/4"	---	---	---	2,3
ES/EEW-2	HAWS	8336	EMERGENCY SHOWER/EYE WASH COMBINATION, PEDESTAL MOUNTED, CORROSION RESISTANT, 1 1/4" IPS SUPPLY, 120 VOLT.	---	1 1/4"	---	---	---	2,3
ES-1	HAWS	8111FP	EMERGENCY SHOWER, WALL MOUNTED, FROST-PROOF, REMOTE ACTUATED BALL VALVE, 1" IPS SUPPLY.	---	1 1/4"	---	---	---	2,4
EEW-1	HAWS	7433FP	EMERGENCY EYE WASH, WALL MOUNTED, FROST-PROOF, REMOTE ACTUATED BALL VALVE, 1/2" IPS SUPPLY.	---	1 1/4"	---	---	---	2,4
EEW-2	HAWS	7361-7461	EMERGENCY EYE/FACE WASH, PEDESTAL MOUNTED, DUST COVER, 1/2" IPS SUPPLY.	---	---	---	---	---	2,3

GENERAL SHEET NOTES

1. SEE DRAWING H-2 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

SCHEDULE NOTES

BACKFLOW PREVENTER SCHEDULE:

- NOTES:
1. PROVIDE AIR GAP FITTINGS.

PIPING ACCESSORIES SCHEDULE:

NONE

PLUMBING EQUIPMENT SCHEDULE:

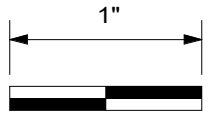
NOTES:

1. WATER HEATER SHALL BE EXPLOSION PROOF:
CLASS 1, DIVISION 1, GROUPS C&D.
2. SOLENOID VALVE OF TRAP PRIMER SHALL BE EXPLOSION PROOF:
CLASS 1, DIVISION 1, GROUPS C&D.

PLUMBING FIXTURE SCHEDULE:

NOTES:

1. FIXTURE AND INSTALLATION SHALL BE ADA COMPLIANT.
2. TEMPERED WATER SUPPLY.
3. LOCAL AND REMOTE ALARM SYSTEM.
4. COMMON FLOW SWITCH SERVES BOTH EEV-1 AND ES-1.



ONE INCH
AT FULL SIZE
IF NOT ONE INCH
SCALE ACCORDINGLY

DATE
04/10/2025

REVISION
REVISED PER ADDENDUM NO. 1

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A LICENSED PROFESSIONAL
ENGINEER IN THE STATE OF
ARKANSAS, E-17959



CITY OF BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

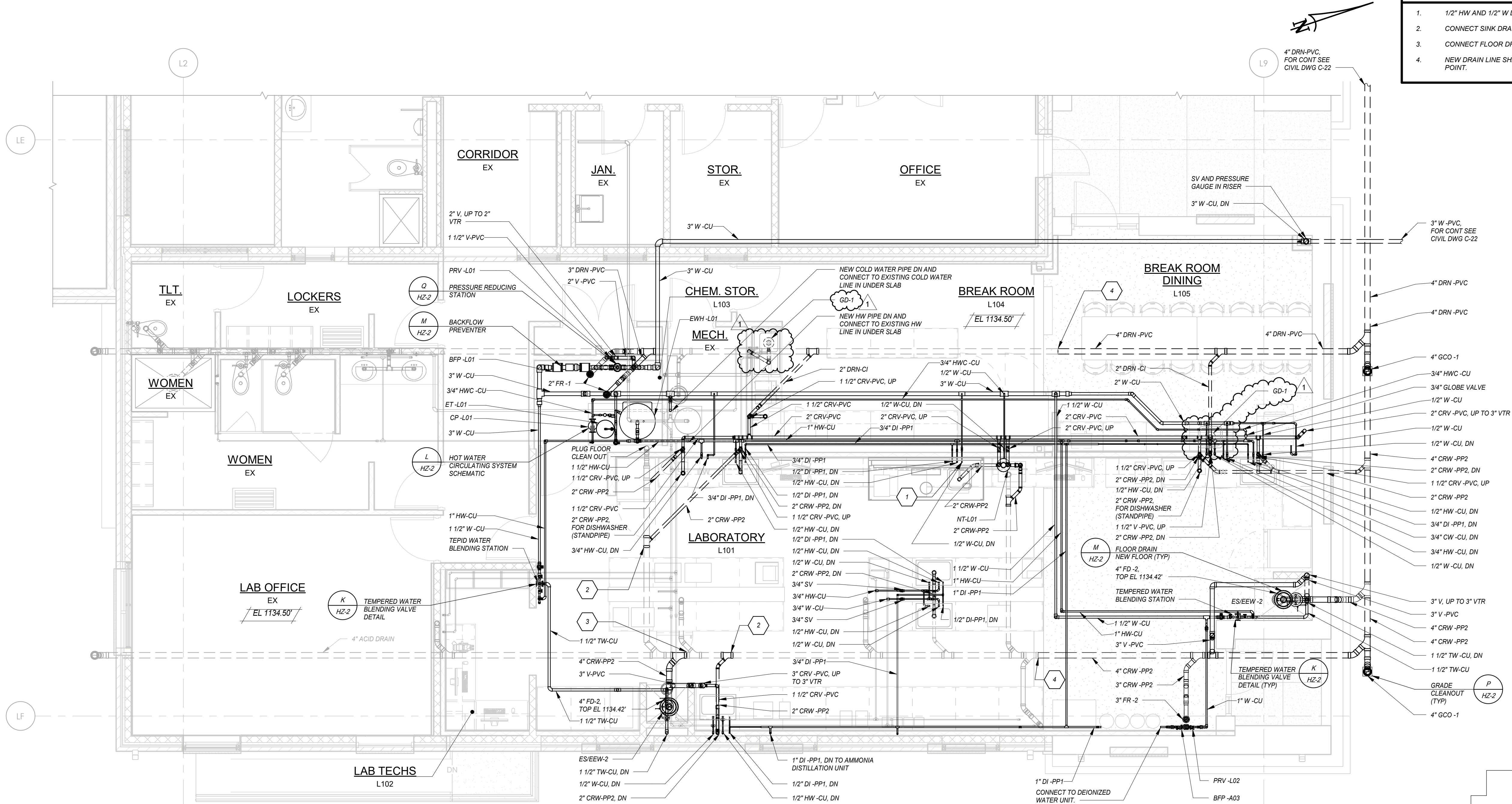
PLUMBING
SCHEDULES

CITY OF BENTONVILLE, ARKANSAS

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: SAM
DRAWN BY: YBM
HWEI NO.: 2021037
FILENAME: H-GENERAL

SHEET NO.
H-5

Autodesk Docs://410144 - Bentonville Water Resource Recovery Facility Improvements/H-OPS ADMIN LAB BLDG.nt 4/8/2025 9:46:20 AM / AJP / PLUMBING

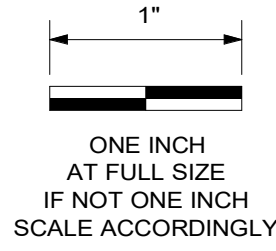


GENERAL SHEET NOTES

- SEE DRAWING H-2 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- CORE DRILL ALL FLOOR PENETRATIONS THROUGH EXISTING FLOOR SLAB FOR NEW PIPING, COORDINATE LOCATION WITH STRUCTURAL.

SHEET KEYNOTES

- 1/2" HW AND 1/2" W DN, TO FUME HOOD.
- CONNECT SINK DRAIN TO EXISTING DRAIN LINE (FIELD VERIFY).
- CONNECT FLOOR DRAIN TO EXISTING DRAIN LINE (FIELD VERIFY).
- NEW DRAIN LINE SHALL CONNECT TO THE EXISTING LINE AT THIS POINT.



DATE	04/10/2025
REVISION	REVISED PER ADDENDUM NO. 1
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CITY OF BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS
PLUMBING
ADMINISTRATION / LABORATORY BUILDING
FLOOR PLAN
CITY OF BENTONVILLE, ARKANSAS

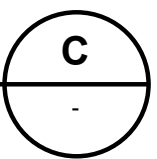
DATE: MARCH 2025
SCALE: 1/4" = 1'-0"
DESIGNED BY: SAM
DRAWN BY: AJP
HWEI NO.: 2021037
FILENAME: H-OPS ADMIN

SHEET NO.
HL-3

ADMINISTRATION / LABORATORY
BUILDING

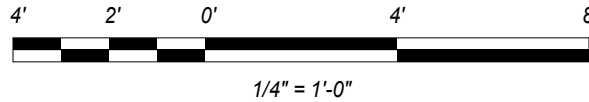
DETAIL

1/4" = 1'-0"

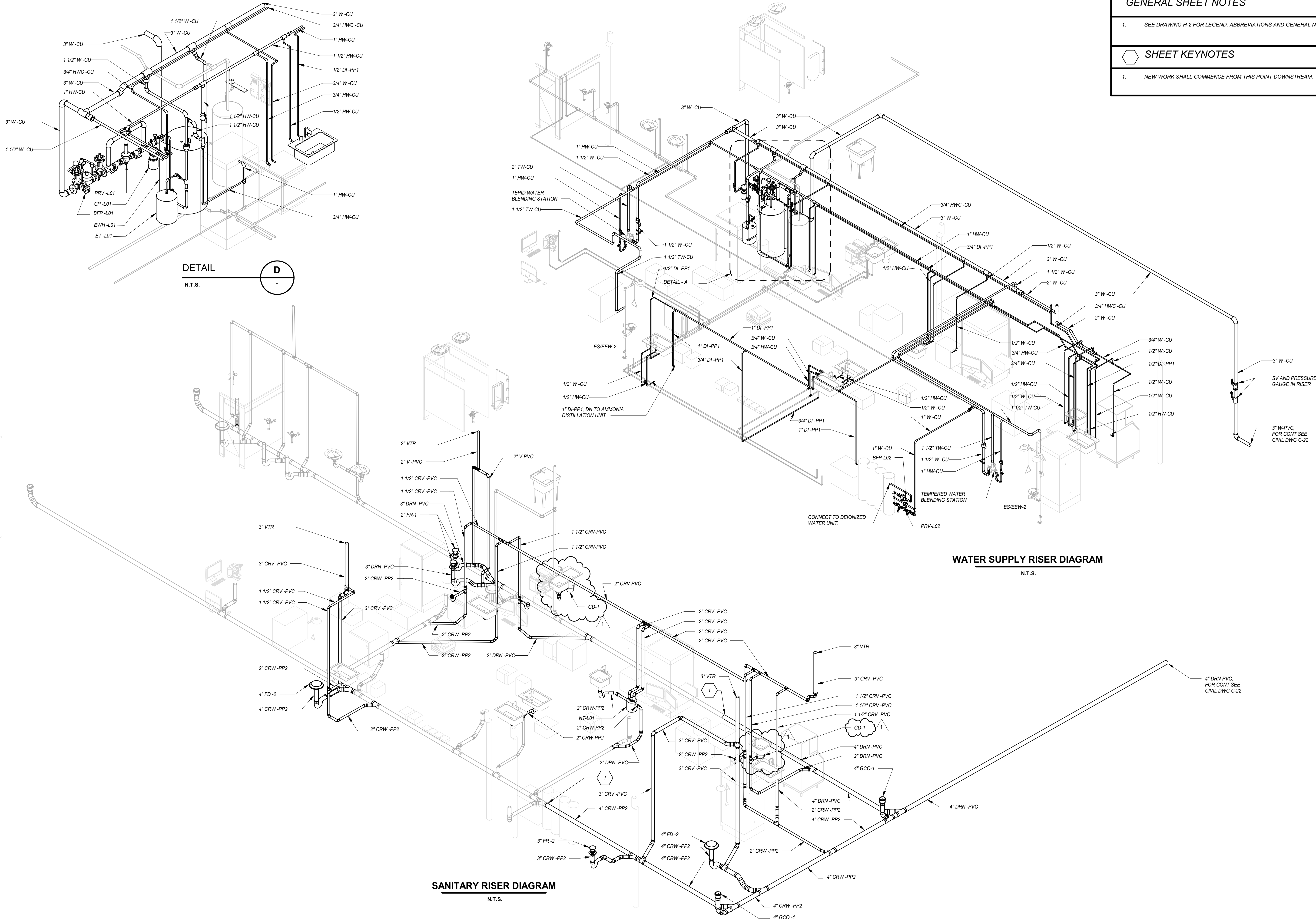


KEY PLAN

NTS



Autodesk Docs/410144 - Bentonville Water Resource Recovery Facility Improvements/H-OPS ADMIN LAB BLDG.rvt 4/8/2025 9:46:22 AM / AJP / PLUMBING

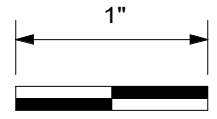


GENERAL SHEET NOTES

1. SEE DRAWING H-2 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.

SHEET KEYNOTES

1. NEW WORK SHALL COMMENCE FROM THIS POINT DOWNSTREAM.



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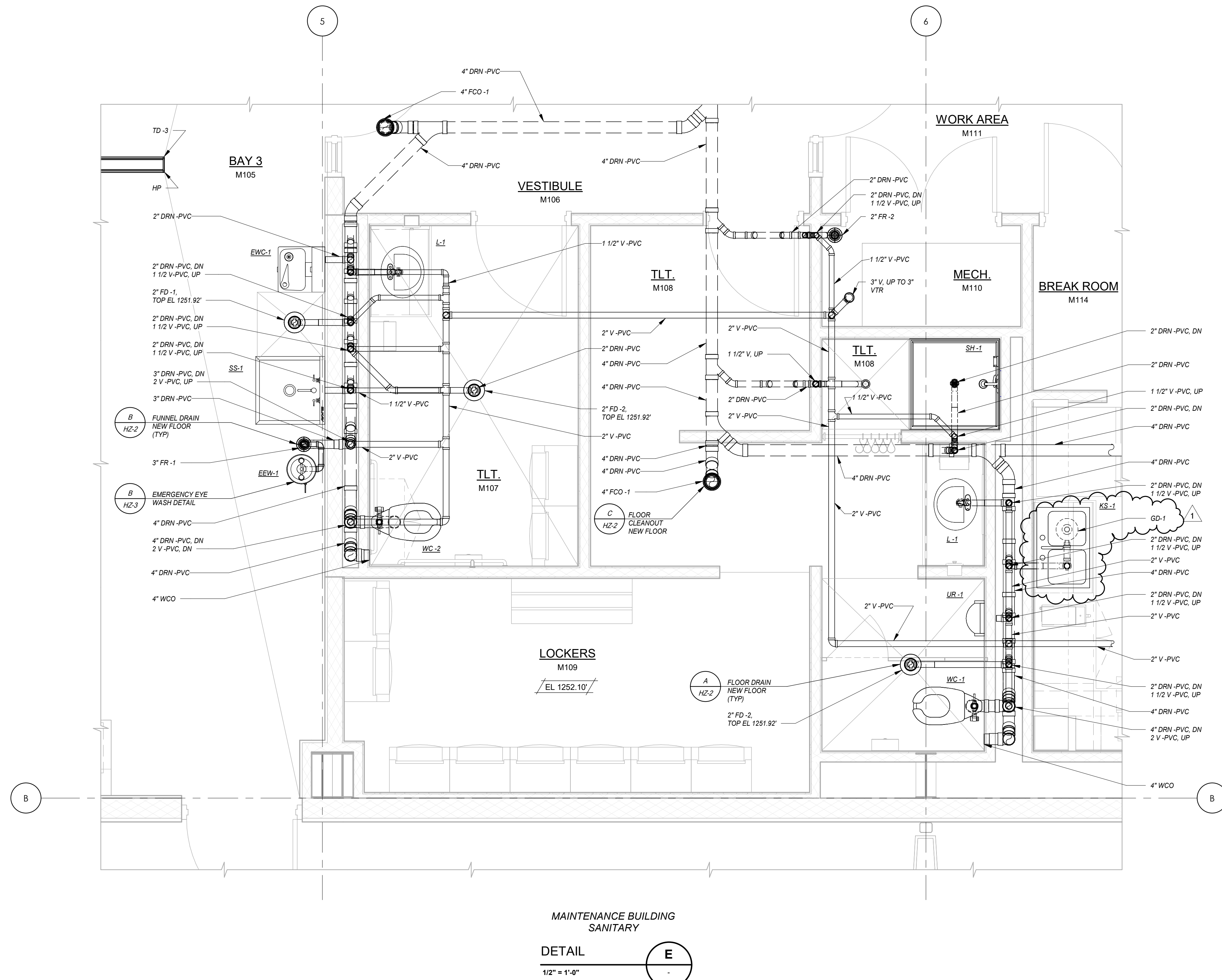
CITY OF BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

PLUMBING
ADMINISTRATION / LABORATORY BUILDING
ISOMETRICS
CITY OF BENTONVILLE, ARKANSAS

DATE: MARCH 2025
SCALE: AS SHOWN
DESIGNED BY: SAM
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HWEI NO.: 2021037
FILENAME:

SHEET NO.
HL-4





MAINTENANCE BUILDING
SANITARY

DETAIL

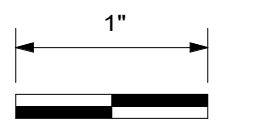
1/2" = 1'-0"

E

100

GENERAL SHEET NOTES

1. SEE DRAWING H-2 FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.



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AT FULL SIZE
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SCALE ACCORDINGLY

REVISION	DATE
A REVISED PER ADDENDUM NO. 1	04/10/2025
6 HAWKINS-WEIR ENGINEERS, INC. 2023	

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HAWKINS WEIR
ENGINEERS, INC.

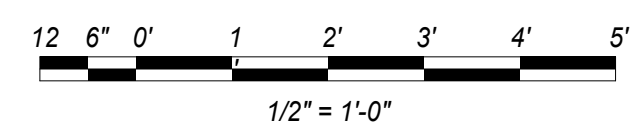
BLACK & VEATCH

CITY OF BENTONVILLE, ARKANSAS
BENTONVILLE WATER RESOURCE RECOVERY
FACILITY IMPROVEMENTS

PLUMBING
MAINTENANCE BUILDING
SANITARY ENLARGED PLAN
CITY OF BENTONVILLE, ARKANSAS

DATE: _____ MARCH 2025
SCALE: _____ 1/2" = 1'-0"
DESIGNED BY: _____ SAM
DRAWN BY: _____ AJP
HWEI NO.: _____ 2021037
FILENAME: _____ H-MAIN

SHEET NO.
HM-5



Autodesk Docs://410144 - Bentonville Water Resource Recovery Facility Improvements/H-NEW MAINTENANCE BLDG.rvt 4/8/2025 10:24:14 AM / AJP / PLUMBING

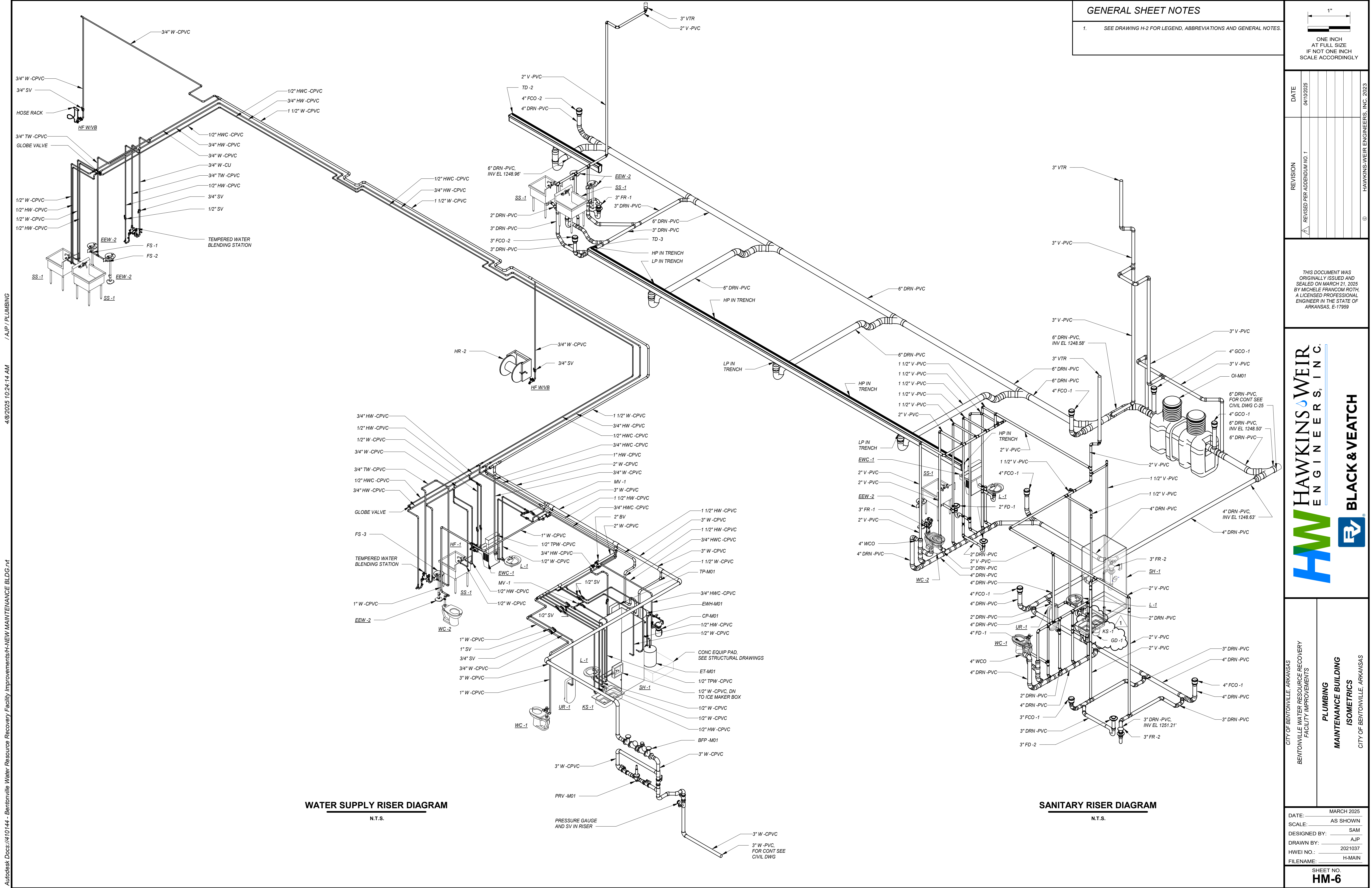


Exhibit A.1 Detailed Price Bid Form(s):

0 Equipment Supply

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities.**

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
I32	PHASE 1 - INFLUENT STR. - GRIT REMOVAL EQUIPMENT SUPPLY 11322	1	LS		
I34	PHASE 1 - INFLUENT STR. - COURSE SCREENING SYSTEM SUPPLY 11331/11333 /14552	1	LS		
I36	PHASE 1 - INFLUENT STR. - SLIDE/WEIR GATES SUPPLY 11280/11282	1	LS		
I36.1	PHASE 1 - INFLUENT STR. - SLIDE/WEIR GATES SUPPLY - FRP	1	LS		
I38	PHASE 1 - INFLUENT STR. - ODOR CONTROL BIOTRICKLING FILTER EQUIP SUPPLY 11350/11355/11356/11357	1	LS		
I38.5	PHASE 1 - INFLUENT STR. - ODOR CONTROL SERVICE PLAN 11350	1	LS		
I40	PHASE 1 - INFLUENT STR. - CHEMICAL FEED SUPPLY 11727	1	LS		
I42	PHASE 1 - INFLUENT STR. - CHEMICAL FEED TOTE & DRUM SUPPLY 11727	1	LS		
L14	PHASE 1 - LIFT STATION NO.4 - SUBMERSIBLE PUMPS SUPPLY 11310	1	LS		
N9	PHASE 1 - ANOXIC BASINS - COMPRESSED AIR MIXING SYSTEM SUPPLY 11631	1	LS		
N9.5	PHASE 1 - ANOXIC BASINS - COMPRESSED AIR MIXING SYSTEM SERVICE PLAN 11631	1	LS		
N11	PHASE 1 - ANOXIC BASINS - MIXED LIQUOR FERMENTER DEWATERING PUMPS SUPPLY 11310.4.06	1	LS		
N13	PHASE 1 - ANOXIC BASINS - FERMENTER FEED PUMP SUPPLY 11310	1	LS		
N15	PHASE 1 - RECYCLE PS - RECYCLE PUMP SUPPLY 11154	1	LS		
N19	PHASE 1 - ANOXIC BASINS - SLIDE/WEIR GATE SUPPLY 11280/11282	1	LS		
N19.1	PHASE 1 - ANOXIC BASINS - SLIDE/WEIR GATE SUPPLY - FRP	1	LS		
N23	PHASE 1 - WAS PUMP - SPARE PUMP SUPPLY 11313	1	LS		

O8	PHASE 1 - AERATION BASINS - ROTATING SCUM BAFFLE SUPPLY 11366	1	LS		
O10	PHASE 1 - AERATION BASINS - SLIDE/WEIR GATE SUPPLY 11280/11282	1	LS		
O10.1	PHASE 1 - AERATION BASINS - SLIDE/WEIR GATE SUPPLY - FRP	1	LS		
O13	PHASE 1 - AERATION BASINS - 75 HP AERATOR MOTOR SUPPLY	9	EA		
P14	PHASE 1 - SURFACE WASTING PS - SUBMERSIBLE PUMPS SUPPLY 11310	1	LS		
Q12	PHASE 1 - SEC CLAR DIST & RAS PS - SLIDE/WEIR GATE SUPPLY 11280/11282	1	LS		
Q12.1	PHASE 1 - SEC CLAR DIST & RAS PS - SLIDE/WEIR GATE SUPPLY - FRP	1	LS		
R14	PHASE 2 - SEC CLAR NO.1 - CLARIFIER EQUIPMENT SUPPLY 11225/11226	1	LS		
R14.1	PHASE 2 - SEC CLAR NO.1 - CLARIFIER FRP COVERS	1	LS		
S3	PHASE 1 - SEC CLAR NO.2 - CLARIFIER EQUIPMENT SUPPLY 11225/11226	1	LS		
S3.1	PHASE 1 - SEC CLAR NO.2 - CLARIFIER FRP COVERS	1	LS		
T14	PHASE 1 - SEC CLAR NO.3 - CLARIFIER EQUIPMENT SUPPLY 11225/11226	1	LS		
T14.1	PHASE 1 - SEC CLAR NO.3 - CLARIFIER FRP COVERS	1	LS		
U11	PHASE 1 - RAS PS NO.2 - SUBMERSIBLE PUMPS SUPPLY 11310	1	LS		
Z9	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - PEMB CANOPY STRUCTURE SUPPLY 05120	1	LS		
Z14	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - CLOTH MEDIA FILTER SUPPLY 11243	1	LS		
Z16	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - UV EQUIPMENT & ASSOCIATED GATE SUPPLY 11260/11280/11282	1	LS		
Z16.5	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - UV EQUIPMENT - SERVICE PLAN 11260	1	LS		
Z18	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - PARSHALL FLUME EQUIPMENT SUPPLY 11207	1	LS		
Z20	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - BLOWER EQUIPMENT SUPPLY 11370	1	LS		
Z22	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - COARSE BUBBLE DIFFUSED AERATION SUPPLY 11377	1	LS		
Z24	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - SLIDE/WEIR GATES SUPPLY 11280/11282	1	LS		

Z24.1	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - SLIDE/WEIR GATES SUPPLY - FRP	1	LS		
Z26	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - SAMPLING EQUIPMENT SUPPLY 13121	1	LS		
AA26	PHASE 2 - EFF PS & ELEC BLDG. - VERTICAL TURBINE PUMPS EQUIPMENT SUPPLY 11215	1	LS		
II14	PHASE 2 - ADMIN - PEMB CANOPY SUPPLY 05120	1	LS		
FF28	PHASE 2 - MAINT. BLDG - PEMB SUPPLY 01520	1	LS		
RR1	PHASE 1 - SUMP PUMP SUPPLY 11315	1	LS		
YY1	ALL PHASES - ALL EQUIPMENT - MATERIAL SUPPLY BOND	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Material Cost Escalation

Material cost escalation shall not be accepted without proof of root cause from the source of manufacturer in writing. The source shall be defined as the individual component as the root cause of the escalation. Escalation in total shall be capped at 1 ½ percent of the total bid item value.

Add for material escalation cost beyond proposal validity duration of 90 calendar days (LS): \$ _____

Submittal and Fabrication Delays

Impacts to the critical path of the project due to submittal and fabrication delays are subject to damages as defined in the Material Contract.

Schedule of Values & Payment Terms

The schedule of values shall follow the below terms of payment for billing purposes:

Submittal Approval: 5% of Total Value

Delivery of Equipment: 85% of Total Value

Commissioning Acceptance & Final Approval of O&M's: 10% of Total Value

Submittal Duration - Equipment

The submittal duration shall be defined as the amount of calendar days from issuance of the material contract agreement to the submission of submittal for approval by the engineer of record. **A range of calendar days will not be accepted.**

Fabrication Duration - Equipment

The fabrication duration shall be defined as the amount of calendar days from the submittal approval by the engineer of record and/or release for fabrication to arrival of material at the jobsite. **A range of calendar days will not be accepted.**

Equipment	Submittal Duration (Calendar Days)	Fabrication Duration (Calendar Days)	Manufacturer
INFLUENT STR. - GRIT REMOVAL EQUIPMENT SUPPLY 11322			
INFLUENT STR. - COURSE SCREENING SYSTEM SUPPLY 11331/11333 /14552			
INFLUENT STR. - SLIDE/WEIR GATES SUPPLY 11280/11282			
INFLUENT STR. - SLIDE/WEIR GATES SUPPLY - FRP			
INFLUENT STR. - ODOR CONTROL BIOTRICKLING FILTER EQUIP SUPPLY 11350/11355/11356/11357			
INFLUENT STR. - ODOR CONTROL SERVICE PLAN 11350			
INFLUENT STR. - CHEMICAL FEED SUPPLY 11727			
INFLUENT STR. - CHEMICAL FEED TOTE & DRUM SUPPLY 11727			
LIFT STATION NO.4 - SUBMERSIBLE PUMPS SUPPLY 11310			
ANOXIC BASINS - COMPRESSED AIR MIXING SYSTEM SUPPLY 11631			
ANOXIC BASINS - COMPRESSED AIR MIXING SYSTEM SERVICE PLAN 11631			
ANOXIC BASINS - MIXED LIQUOR FERMENTER DEWATERING PUMPS SUPPLY 11310.4.06			
ANOXIC BASINS - FERMENTER FEED PUMP SUPPLY 11310			
RECYCLE PS - RECYCLE PUMP SUPPLY 11154			
ANOXIC BASINS - SLIDE/WEIR GATE SUPPLY 11280/11282			
ANOXIC BASINS - SLIDE/WEIR GATE SUPPLY - FRP			
WAS PUMP - SPARE PUMP SUPPLY 11313			
AERATION BASINS - ROTATING SCUM BAFFLE SUPPLY 11366			
AERATION BASINS - SLIDE/WEIR GATE SUPPLY 11280/11282			
AERATION BASINS - SLIDE/WEIR GATE SUPPLY - FRP			

AERATION BASINS - 75 HP AERATOR MOTOR SUPPLY			
SURFACE WASTING PS - SUBMERSIBLE PUMPS SUPPLY 11310			
SEC CLAR DIST & RAS PS - SLIDE/WEIR GATE SUPPLY 11280/11282			
SEC CLAR DIST & RAS PS - SLIDE/WEIR GATE SUPPLY - FRP			
SEC CLAR NO.1 - CLARIFIER EQUIPMENT SUPPLY 11225/11226			
SEC CLAR NO.1 - CLARIFIER FRP COVERS			
SEC CLAR NO.2 - CLARIFIER EQUIPMENT SUPPLY 11225/11226			
SEC CLAR NO.2 - CLARIFIER FRP COVERS			
SEC CLAR NO.3 - CLARIFIER EQUIPMENT SUPPLY 11225/11226			
SEC CLAR NO.3 - CLARIFIER FRP COVERS			
RAS PS NO.2 - SUBMERSIBLE PUMPS SUPPLY 11310			
TER. TRTMNT, UV, POST AERATION, P FLUME - PEMB CANOPY STRUCTURE SUPPLY 05120			
TER. TRTMNT, UV, POST AERATION, P FLUME - CLOTH MEDIA FILTER SUPPLY 11243			
TER. TRTMNT, UV, POST AERATION, P FLUME - UV EQUIPMENT & ASSOCIATED GATE SUPPLY 11260/11280/11282			
TER. TRTMNT, UV, POST AERATION, P FLUME - UV EQUIPMENT - SERVICE PLAN 11260			
TER. TRTMNT, UV, POST AERATION, P FLUME - PARSHALL FLUME EQUIPMENT SUPPLY 11207			
TER. TRTMNT, UV, POST AERATION, P FLUME - BLOWER EQUIPMENT SUPPLY 11370			
TER. TRTMNT, UV, POST AERATION, P FLUME - COARSE BUBBLE DIFFUSED AERATION SUPPLY 11377			
TER. TRTMNT, UV, POST AERATION, P FLUME - SLIDE/WEIR GATES SUPPLY 11280/11282			
TER. TRTMNT, UV, POST AERATION, P FLUME - SLIDE/WEIR GATES SUPPLY - FRP			
TER. TRTMNT, UV, POST AERATION, P FLUME - SAMPLING EQUIPMENT SUPPLY 13121			
EFF PS & ELEC BLDG. - VERTICAL TURBINE PUMPS EQUIPMENT SUPPLY 11215			

ADMIN - PEMB CANOPY SUPPLY 05120			
MAINT. BLDG - PEMB SUPPLY 01520			
SUMP PUMP SUPPLY 11315			

Methods of Measurement

Bid Package 0 - Equipment Supply

I32 PHASE 1 - INFLUENT STR. - GRIT REMOVAL EQUIPMENT SUPPLY 11322

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

I34 PHASE 1 - INFLUENT STR. - COURSE SCREENING SYSTEM SUPPLY 11331/11333/14552

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

I36 PHASE 1 - INFLUENT STR. - SLIDE/WEIR GATES SUPPLY 11280/11282

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

I36.1 PHASE 1 - INFLUENT STR. - SLIDE/WEIR GATES SUPPLY - FRP

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

I38 PHASE 1 - INFLUENT STR. - ODOR CONTROL BIOTRICKLING FILTER EQUIP SUPPLY 11350/11355/11356/11357

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

I38.5 PHASE 1 - INFLUENT STR. - ODOR CONTROL SERVICE PLAN 11350

The price bid shall include full compensation for the specified service plan as defined in the contract documents as part of the equipment supply scope. The scope shall include all associated materials, travel expenses, coordination, profit and overhead, or other items required by the specifications. The service plan bid item shall be selected and purchased at the Owner's option.

Compensation Type 1

I40 PHASE 1 - INFLUENT STR. - CHEMICAL FEED SUPPLY 11727

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

I42 PHASE 1 - INFLUENT STR. - CHEMICAL FEED TOTE & DRUM SUPPLY 11727

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

L14 PHASE 1 - LIFT STATION NO.4 - SUBMERSIBLE PUMPS SUPPLY 11310

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N9 PHASE 1 - ANOXIC BASINS - COMPRESSED AIR MIXING SYSTEM SUPPLY 11631

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N9.5 PHASE 1 - ANOXIC BASINS - COMPRESSED AIR MIXING SYSTEM SERVICE PLAN 11631

The price bid shall include full compensation for the specified service plan as defined in the contract documents as part of the equipment supply scope. The scope shall include all associated materials, travel expenses, coordination, profit and overhead, or other items required by the specifications. The service plan bid item shall be selected and purchased at the Owner's option.

Compensation Type 1

N11 PHASE 1 - ANOXIC BASINS - MIXED LIQUOR FERMENTER DEWATERING PUMPS SUPPLY 11310.4.06

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N13 PHASE 1 - ANOXIC BASINS - FERMENTER FEED PUMP SUPPLY 11310

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N15 PHASE 1 - RECYCLE PS - RECYCLE PUMP SUPPLY 11154

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N19 PHASE 1 - ANOXIC BASINS - SLIDE/WEIR GATE SUPPLY 11280/11282

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N19.1 PHASE 1 - ANOXIC BASINS - SLIDE/WEIR GATE SUPPLY - FRP

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

N23 PHASE 1 - WAS PUMP - SPARE PUMP SUPPLY 11313

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

O8 PHASE 1 - AERATION BASINS - ~~ROTATING~~ SCUM BAFFLE SUPPLY 11366

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

O10 PHASE 1 - AERATION BASINS - SLIDE/WEIR GATE SUPPLY 11280/11282

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

O10.1 PHASE 1 - AERATION BASINS - SLIDE/WEIR GATE SUPPLY - FRP

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

O13 PHASE 1 - AERATION BASINS - 75 HP AERATOR MOTOR SUPPLY

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

P14 PHASE 1 - SURFACE WASTING PS - SUBMERSIBLE PUMPS SUPPLY 11310

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Q12 PHASE 1 - SEC CLAR DIST & RAS PS - SLIDE/WEIR GATE SUPPLY 11280/11282

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Q12.1 PHASE 1 - SEC CLAR DIST & RAS PS - SLIDE/WEIR GATE SUPPLY - FRP

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

R14 PHASE 2 - SEC CLAR NO.1 - CLARIFIER EQUIPMENT SUPPLY 11225/11226

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

R14.1 PHASE 2 - SEC CLAR NO.1 - CLARIFIER FRP COVERS

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

S3 PHASE 1 - SEC CLAR NO.2 - CLARIFIER EQUIPMENT SUPPLY 11225/11226

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

S3.1 PHASE 1 - SEC CLAR NO.2 - CLARIFIER FRP COVERS

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

T14 PHASE 1 - SEC CLAR NO.3 - CLARIFIER EQUIPMENT SUPPLY 11225/11226

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

T14.1 PHASE 1 - SEC CLAR NO.3 - CLARIFIER FRP COVERS

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

U11 PHASE 1 - RAS PS NO.2 - SUBMERSIBLE PUMPS SUPPLY 11310

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z9 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - PEMB CANOPY STRUCTURE SUPPLY 05120

The price bid shall include full compensation for the Pre-Engineered Metal Building supply as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated materials to complete the system. This includes, but is not limited to, anchor bolts, fasteners, trim, gutters & downspouts, touch-up paint, structural reinforcing for openings, detailed shop and assembly drawings. PEMB supplier shall coordinate with other trades to accommodate piping, fixtures, panels, or any other wall/roof mounted fixtures with all necessary bracing or supports. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, coordination meetings, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z14 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - CLOTH MEDIA FILTER SUPPLY 11243

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z16 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - UV EQUIPMENT & ASSOCIATED GATE SUPPLY 11260/11280/

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z16.5 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - UV EQUIPMENT - SERVICE PLAN 11260

The price bid shall include full compensation for the specified service plan as defined in the contract documents as part of the equipment supply scope. The scope shall include all associated materials, travel expenses, coordination, profit and overhead, or other items required by the specifications. The service plan bid item shall be selected and purchased at the Owner's option.

Compensation Type 1

Z18 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - PARSHALL FLUME EQUIPMENT SUPPLY 11207

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z20 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - BLOWER EQUIPMENT SUPPLY 11370

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z22 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - COARSE BUBBLE DIFFUSED AERATION SUPPLY 11377

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

Z24 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - SLIDE/WEIR GATES SUPPLY 11280/11282

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1**Z24.1 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - SLIDE/WEIR GATES SUPPLY - FRP**

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1**Z26 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - SAMPLING EQUIPMENT SUPPLY 13121**

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1**AA26 PHASE 2 - EFF PS & ELEC BLDG. - VERTICAL TURBINE PUMPS EQUIPMENT SUPPLY 11215**

The price bid shall include full compensation for the supply of the above listed equipment as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated equipment to complete the system. This includes, but is not limited to, anchors, lubricants, fasteners, engineering costs, coordination with other trades, startup, testing, commissioning, and warranty as described in the contract documents. Additional service plans (if applicable) beyond the warranty period described in the specifications shall be bid separately. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1**II14 PHASE 2 - ADMIN - PEMB CANOPY SUPPLY 05120**

The price bid shall include full compensation for the Pre-Engineered Metal Building supply as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated materials to complete the system. This includes, but is not limited to, anchor bolts, fasteners, trim, gutters & downspouts, touch-up paint, structural reinforcing for openings, detailed shop and assembly drawings. PEMB supplier shall coordinate with other trades to accommodate piping, fixtures, panels, or any other wall/roof mounted fixtures with all necessary bracing or supports. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, coordination meetings, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

FF28 PHASE 2 - MAINT. BLDG - PEMB SUPPLY 01520

The price bid shall include full compensation for the Pre-Engineered Metal Buidling supply as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated materials to complete the system. This includes, but is not limited to, anchor bolts, fasteners, trim, gutters & downspouts, touch-up paint, structural reinforcing for openings, detailed shop and assembly drawings. PEMB supplier shall coordinate with other trades to accomodate piping, fixtures, panels, or any other wall/roof mounted fixtures with all necessary bracing or supports. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, coordination meetings, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

RR1 PHASE 1 - SUMP PUMP SUPPLY 11315

The price bid shall include full compensation for the Pre-Engineered Metal Buidling supply as defined in the contract documents as part of the equipment supply scope. The scope of supply shall include all associated materials to complete the system. This includes, but is not limited to, anchor bolts, fasteners, trim, gutters & downspouts, touch-up paint, structural reinforcing for openings, detailed shop and assembly drawings. PEMB supplier shall coordinate with other trades to accomodate piping, fixtures, panels, or any other wall/roof mounted fixtures with all necessary bracing or supports. Cost shall include, but is not limited to, the supplier's labor, engineering costs, freight, coordination meetings, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

YY1 ALL PHASES - ALL EQUIPMENT - MATERIAL SUPPLY BOND

The price shall cover the cost for separate Material Supply Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

2 Earthwork

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
B1	PHASE 1 - EROSION CONTROL - CONSTRUCTION ENTRANCE	2	EA		
B2	PHASE 1 - EROSION CONTROL - CONCRETE WASHOUT	2	EA		
B3	PHASE 1 - EROSION CONTROL - CONCRETE WASHOUT MAINTENANCE - ALLOWANCE	1	LS	\$ 20,000	
B9	PHASE 1 - EROSION CONTROL - DITCH CHECK	9	EA		
C1	PHASE 1 - GENERAL SITEWORK - CLEAR & GRUB (NO BURING ONSITE)	1	LS		
C2	PHASE 1 - GENERAL SITEWORK - STRIP TOPSOIL	26,932	SY		
C3	PHASE 1 - GENERAL SITEWORK - EARTHWORK CUT/FILL	1,230	CY		
C5	PHASE 1 - GENERAL SITEWORK - WEST ACCESS DRIVE EARTHWORK	1	LS		
C6	PHASE 1 - GENERAL SITEWORK - WEST ACCESS DRIVE ASPHALT DEMO EXISTING	1	LS		
C10	PHASE 1 - GENERAL SITEWORK - MISC EXCAVATION & AGG BASE INSTALL	1	LS		
C11	PHASE 1 - GENERAL SITEWORK - REMOVE ASPHALT PAVING	16,969	SY		
C12	PHASE 1 - GENERAL SITEWORK - LAYDOWN & STORAGE	151,280	SF		
C14	PHASE 1 - GENERAL SITEWORK - HAUL OFF EXTRA SPOILS (OFFSITE)	2,875	CY		
C23	PHASE 1 - GENERAL SITEWORK - UNDERCUT & BACKFILL FOR ASPHALT PAVEMENT	4,441	CY		
I1	PHASE 1 - INFLUENT STR. - EARTHWORK	1	LS		
J1	PHASE 1 - INFLUENT ELEC. BLDG - EARTHWORK	1	LS		
K1	PHASE 1 - PUMPED INFLUENT METER VAULT - EARTHWORK	1	LS		

L1	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - EARTHWORK	1	LS		
M1	PHASE 2 - WET WEATHER METER VAULT - EARTHWORK	1	LS		
N1	PHASE 1 - ANOXIC BASINS - EARTHWORK	1	LS		
O1	PHASE 1 - AERATION BASINS - EARTHWORK	1	LS		
P1	PHASE 1 - SURFACE WASTING PS - EARTHWORK	1	LS		
Q1	PHASE 1 - SEC CLAR DIST & RAS PS - EARTHWORK	1	LS		
R1	PHASE 2 - SEC CLAR NO.1- EARTHWORK	1	LS		
T1	PHASE 1 - SEC CLAR NO.3- EARTHWORK	1	LS		
U1	PHASE 1 - RAS PS NO.2 - EARTHWORK	1	LS		
V1	PHASE 1 - RAS PS NO.2 METER VAULT - EARTHWORK	1	LS		
W1	PHASE 1 - WASTING METER VAULT - EARTHWORK	1	LS		
Z1	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - EARTHWORK	1	LS		
AA1	PHASE 2 - EFF PS & ELEC BLDG. - EARTHWORK	1	LS		
BB1	PHASE 2 - BLWR BLDG VALVE VAULT - EARTHWORK	1	LS		
CC1	PHASE 2 - DIGESTER NO. 4 & 5 VALVE VAULT - EARTHWORK	1	LS		
DD1	PHASE 2 - DIGESTER NO. 4 VALVE VAULT - EARTHWORK	1	LS		
EE1	PHASE 2 - DIGESTER NO. 5 VALVE VAULT - EARTHWORK	1	LS		
II3	PHASE 2 - OPERATIONS BLDG - EARTHWORK	1	LS		
JJ1	PHASE 2 - SOUTH GENERATOR - EARTHWORK	1	LS		
KK1	PHASE 1 - NORTH GENERATOR - EARTHWORK	1	LS		
LL1	PHASE 1 - TEMP NORTH ACCESS DR - EARTHWORK	1	LS		

LL5	PHASE 1 - TEMP NORTH ACCESS DR - B STONE	1	LS		
LL8	PHASE 1 - TEMP NORTH ACCESS DR - CONSTRUCTION ENTRANCE	1	EA		
LL12	PHASE 1 - TEMP NORTH ACCESS DR - REMOVAL & RESTORATION	1	LS		
OO1	PHASE 1 - EXISTING RAS PS NO.1 METER VAULT NO.1 & NO.2 - EARTHWORK	1	LS		
PP1	PHASE 1 - 8" METER VAULT & RPZ - EARTHWORK	1	LS		
ZZ3	BP 02 - EARTHWORK SUB MOBILIZATION	1	LS		
ZZ4	BP 02 - EARTHWORK SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

General Clarifications

There will be no ability to store spoils on-site. A remote spoils site may be necessary for storage of material to be utilized for fill and

The construction manager will provide a centralized dewatering point when water is present within each excavation. The earthwork contractor will be responsible for the excavation of a sump consisting of an area no larger than 6'x6' at a depth of 5'. Until the centralized dewatering system is in place it will be the responsibility of the earthwork contractor to de-water while excavating.

It is the responsibility of the bidding contractor to review the milestone schedule, and site logistics plan to incorporate mobilization costs. Additional mobilizations post bid will not be allowed.

Methods of Measurement

Bid Package 2 - Earthwork

B1 PHASE 1 - EROSION CONTROL - CONSTRUCTION ENTRANCE

The price bid shall include full compensation for labor, equipment, and material for the installation and routine maintenance of the stabilized construction entrance for the duration of earthwork package as part of the overall scope of the earthwork. Construction of the said item shall be per the plans and specifications. Maintenance of the said item shall be directed by the Construction Manager. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

B2 PHASE 1 - EROSION CONTROL - CONCRETE WASHOUT

This price bid shall include full compensation for the labor, equipment, and material to construct the concrete washout as shown in the contract documents. Location for the concrete washout shall be determined by construction manager. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

B3 PHASE 1 - EROSION CONTROL - CONCRETE WASHOUT MAINTENANCE - ALLOWANCE

The price bid shall include full compensation for the labor, equipment, and material for maintenance of the concrete washout as shown on the plans. Items to be hauled off-site are part of the overall scope of the sitework and or earthwork. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 4

B9 PHASE 1 - EROSION CONTROL - DITCH CHECK

The price bid shall include full compensation for the labor, equipment, and material to install ditch check(s) as shown in the contract documents. Items to be hauled off-site are part of the overall scope of the sitework. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C1 PHASE 1 - GENERAL SITEWORK - CLEAR & GRUB (NO BURING ONSITE)

The price bid shall include full compensation for labor, equipment, and material to clear and grub as part of the overall scope of the earthwork as defined in the contract documents. BURNING ONSITE WILL NOT BE ALLOWED. Clearing shall consist of: cutting, removing, and disposing of trees, snags, stumps, shrubs, brush, limbs, and other vegetative growth; removal and disposal of existing fences, drainage structures, abandoned pipelines or utilities, paving, curbs and gutters, rubbish and trash, and other objectionable material(s). Clearing shall also include the preservation of trees, shrubs, and vegetative growth, which are not designated for removal. Grubbing shall consist of the removal and disposal of wood or root matter below the ground surface remaining after clearing and shall include stumps, trunks, roots, or root systems greater than 2 inches in diameter to a depth of two feet below the natural ground surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C2 PHASE 1 - GENERAL SITEWORK - STRIP TOPSOIL

The price bid shall include full compensation for labor, equipment, and material for stripping of topsoil within a tolerance of +/- .10' as part of the overall scope of the earthwork. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C3 PHASE 1 - GENERAL SITEWORK - EARTHWORK CUT/FILL

The price bid shall include full compensation for labor, equipment, and material for cut and fill to grade as part of the overall scope of the earthwork. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C5 PHASE 1 - GENERAL SITEWORK - WEST ACCESS DRIVE EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for cut and fill of the west access drive per contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C6 PHASE 1 - GENERAL SITEWORK - WEST ACCESS DRIVE ASPHALT DEMO EXISTING

The price bid shall include full compensation for the removal and haul-off of asphalt pavement as defined in the contract documents. Cost shall include the contractor's labor, material, equipment and overhead and profit as defined to complete the work.

Compensation Type 1

C10 PHASE 1 - GENERAL SITEWORK - MISC EXCAVATION & AGG BASE INSTALL

The price bid shall include full compensation for the labor, equipment, and material for the excavations and the placement of aggregate base below slabs as shown on the plans. This item includes, but not limited to site generator pads, HVAC pads, transformer pads, etc. as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C11 PHASE 1 - GENERAL SITEWORK - REMOVE ASPHALT PAVING

The price bid shall include full compensation for the removal and haul-off of asphalt pavement as defined in the contract documents. Cost shall include the contractor's labor, material, equipment and overhead and profit as defined to complete the work.

Compensation Type 1

C12 PHASE 1 - GENERAL SITEWORK - LAYDOWN & STORAGE

The price bid shall include full compensation for the labor, equipment, and material to construct and remove temporary laydown and storage to include placement of 4" aggregate base over nonwoven geotextile fabric Mirafi 140N or equivalent for laydown and storage areas for materials, temporary parking, and jobsite trailers etc. as part of the overall scope of the earthwork. Removal of the temporary laydown shall be coordinated with the construction manager. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C14 PHASE 1 - GENERAL SITEWORK - HAUL OFF EXTRA SPOILS (OFFSITE)

The price bid shall include full compensation for the labor, equipment, and material for haul-off of extra spoils off site as part of the overall scope of the earthwork. Haul off and stockpile off site location(s) shall be the responsibility of the bidder. This haul-off bid item is for general site work cut-fill operation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

C23 PHASE 1 - GENERAL SITEWORK - UNDERCUT & BACKFILL FOR ASPHALT PAVEMENT

The price bid shall include full compensation for labor, equipment, and material to perform undercut and backfill of the asphalt pavement as part of the overall scope of the earthwork. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I1 PHASE 1 - INFLUENT STR. - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. Slopes shall be constructed on a 1.5:1. An entry/exit ramp shall be constructed at a 5:1 slope. Location of the ramp shall be coordinated with the Construction Manager prior to commencement of the work. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. The slopes of the excavation shall be protected by 10 mill (minimum) impermeable polyethylene sheeting fastened at the top of the slope with a 24"x24" anchor trench backfilled holding the sheeting in place. The sheeting shall be held to the slope with sandbags or other means necessary. Anchor methods shall not penetrate the sheeting. Sheeting sections shall have a 24" overlap. Removal and disposal of sheeting shall be included in this bid item. Where anchor trenches are not feasible the sheeting shall be fastened to the top of slope with 2x4's and nail stakes. Nail Stakes shall be on 4'-0" centers. Excavation of all concrete footings and foundations shall be included within this bid package. Bidder is responsible for providing and maintaining all slopes. Drilled Pier and or Micro Pile spoils removal shall be included within this scope. The bidders shall reference the preliminary shoring design. Where shoring is present excavations shall be done concurrently with the shoring installation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J1 PHASE 1 - INFLUENT ELEC. BLDG - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

K1 PHASE 1 - PUMPED INFLUENT METER VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Slide rail shoring shoring installation shall be included within this scope of work and shall be done concurrently with the excavation. The slide rail system for this structure shall be provided by the Construction Manager. The dimensions of the system are 26' long x 18' wide at a 11'-6" depth. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L1 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Slide rail shoring shoring installation shall be included within this scope of work and shall be done concurrently with the excavation. The slide rail system for this structure shall be provided by the Construction Manager. The dimensions of the system are 28' long x 19' wide at a 25' depth. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

M1 PHASE 2 - WET WEATHER METER VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**N1 PHASE 1 - ANOXIC BASINS - EARTHWORK**

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. Slopes shall be constructed on a 1.5:1. An entry/exit ramp shall be constructed at a 5:1 slope. Location of the ramp shall be coordinated with the Construction Manager prior to commencement of the work. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. The slopes of the excavation shall be protected by 10 mill (minimum) impermeable polyethylene sheeting fastened at the top of the slope with a 24"x24" anchor trench backfilled holding the sheeting in place. The sheeting shall be held to the slope with sandbags or other means necessary. Anchor methods shall not penetrate the sheeting. Sheeting sections shall have a 24" overlap. Removal and disposal of sheeting shall be included in this bid item. Where anchor trenches are not feasible the sheeting shall be fastened to the top of slope with 2x4's and nail stakes. Nail Stakes shall be on 4'-0" centers. Excavation of all concrete footings and foundations shall be included within this bid package. Bidder is responsible for providing and maintaining all slopes. Drilled Pier and or Micro Pile spoils removal shall be included within this scope. The bidders shall reference the preliminary shoring design. Where shoring is present excavations shall be done concurrently with the shoring installation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**O1 PHASE 1 - AERATION BASINS - EARTHWORK**

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**P1 PHASE 1 - SURFACE WASTING PS - EARTHWORK**

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Slide rail shoring installation shall be included within this scope of work and shall be done concurrently with the excavation. The slide rail system for this structure shall be provided by the Construction Manager. The dimensions of the system are 32' long x 21' wide at a 18' depth. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Q1 PHASE 1 - SEC CLAR DIST & RAS PS - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. Slopes shall be constructed on a 1.5:1. An entry/exit ramp shall be constructed at a 5:1 slope. Location of the ramp shall be coordinated with the Construction Manager prior to commencement of the work. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. The slopes of the excavation shall be protected by 10 mill (minimum) impermeable polyethylene sheeting fastened at the top of the slope with a 24"x24" anchor trench backfilled holding the sheeting in place. The sheeting shall be held to the slope with sandbags or other means necessary. Anchor methods shall not penetrate the sheeting. Sheeting sections shall have a 24" overlap. Removal and disposal of sheeting shall be included in this bid item. Where anchor trenches are not feasible the sheeting shall be fastened to the top of slope with 2x4's and nail stakes. Nail Stakes shall be on 4'-0" centers. Excavation of all concrete footings and foundations shall be included within this bid package. Bidder is responsible for providing and maintaining all slopes. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R1 PHASE 2 - SEC CLAR NO.1- EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The bidders shall reference the preliminary shoring design. Where shoring is present excavations shall be done concurrently with the shoring installation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T1 PHASE 1 - SEC CLAR NO.3- EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The bidders shall reference the preliminary shoring design. Where shoring is present excavations shall be done concurrently with the shoring installation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U1 PHASE 1 - RAS PS NO.2 - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Slide rail shoring shoring installation shall be included within this scope of work and shall be done concurrently with the excavation. The slide rail system for this structure shall be provided by the Construction Manager. The dimensions of the system are 21' long x 21' wide at a 26'-6" depth. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

V1 PHASE 1 - RAS PS NO.2 METER VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

W1 PHASE 1 - WASTING METER VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z1 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The bidders shall reference the preliminary shoring design. Where shoring is present excavations shall be done concurrently with the shoring installation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA1 PHASE 2 - EFF PS & ELEC BLDG. - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. The bidders shall reference the preliminary shoring design. Where shoring is present excavations shall be done concurrently with the shoring installation. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

BB1 PHASE 2 - BLWR BLDG VALVE VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

CC1 PHASE 2 - DIGESTER NO. 4 & 5 VALVE VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

DD1 PHASE 2 - DIGESTER NO. 4 VALVE VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

EE1 PHASE 2 - DIGESTER NO. 5 VALVE VAULT - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II3 PHASE 2 - OPERATIONS BLDG - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

JJ1 PHASE 2 - SOUTH GENERATOR - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

KK1 PHASE 1 - NORTH GENERATOR - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

LL1 PHASE 1 - TEMP NORTH ACCESS DR - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for cut and fill of the specified area per contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

LL5 PHASE 1 - TEMP NORTH ACCESS DR - B STONE

The price bid shall include full compensation for the labor, equipment, and material to construct and place of 12" B-Stone within a tolerance of +/- one tenth of a foot for the temporary north access drive as part of the overall scope of the earthwork. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

LL8 PHASE 1 - TEMP NORTH ACCESS DR - CONSTRUCTION ENTRANCE

The price bid shall include full compensation for labor, equipment, and material for the installation and routine maintenance of the stabilized construction entrance for the duration of earthwork package as part of the overall scope of the earthwork. Construction of the said item shall be per the plans and specifications. Maintenance of the said item shall be directed by the Construction Manager. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

~~**LL12 PHASE 1 - TEMP NORTH ACCESS DR - REMOVAL & RESTORATION**~~

~~The price bid shall include full compensation for the labor, equipment, and material to restore all easement areas as shown in the plans and specifications. Existing grade shall be re-established and ready for final seeding. Grade shall be within +/- .10' of existing grade. Removal shall include but not be limited to B stone, aggregate base, and asphalt. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.~~

~~**Compensation Type 1**~~

OO1 PHASE 1 - EXISTING RAS PS NO.1 METER VAULT NO.1 & NO.2 - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

PP1 PHASE 1 - 8" METER VAULT & RPZ - EARTHWORK

The price bid shall include full compensation for the labor, equipment, and material for excavation and backfill of the structure including aggregate subgrade installation below foundation slabs per contract documents. Bottom of excavations shall be a 3' offset from foundation slabs. The aggregate base shall cover the 3' offset areas (bottom of slope/excavation) to allow for a clean working surface. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ3 BP 02 - EARTHWORK SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ4 BP 02 - EARTHWORK SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

4 Site & Structure Demo

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities.**

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
D3	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING MAINTENANCE BUILDING	1	LS		
D4	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING STORAGE BUILDING	1	LS		
D5	PHASE 2 - SITE & STRUCTURE DEMO - EXISTING INFLUENT HW CHANNELS	1	LS		
D6	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING HEADWORKS	1	LS		
D7	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING SECONDARY CLARIFIER NO.1	1	LS		
D8	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING SC CLARIFIER DISTRIBUTION BOX	1	LS		
D9	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING RECYCLE PS NO.1 & 2 (PUMPS PIPING & EQUIPMENT)	1	LS		
D10	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING AERATION BASIN NO.2	1	LS		
D11	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING PLANT WATER PS	1	LS		
D12	PHASE 2 - SITE & STRUCTURE DEMO - EXISTING UV & POST AERATION BASIN	1	LS		
D13	PHASE 2 - SITE & STRUCTURE DEMO - EXISTING UV & POST AERATION BLOWER BDLG	1	LS		
D14	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING POLE BARN	1	LS		
D15	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING 8' WEIR GATES @ EXISTING ANOXIC BASINS	1	LS		
D16	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING FENCING & GATES	1	LS		
D17	PHASE 1 - SITE & STRUCTURE DEMO - SITE CONCRETE DEMO	1	LS		
D18	PHASE 2 - SITE & STRUCTURE DEMO - VAULTS @ DIGESTER 4 & 5 DEMO	1	LS		

D20	PHASE 2 - SITE & STRUCTURE DEMO - EXISTING GRIT CHAMBER	1	LS		
D21	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING CHLORINE STORAGE BLDG	1	LS		
D22	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING GENERATOR	1	LS		
D23	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING STORAGE SHEDS	1	LS		
D24	PHASE 1 - SITE & STRUCTURE DEMO - WAS/SCUM PUMP STATION	1	LS		
D26	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING OPERATIONS BUILDING	1	LS		
D27	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING COMPOST FACILITY	1	LS		
D28	PHASE 1 - SITE & STRUCTURE DEMO - RELOCATE UNDERGROUND DUCTBANK	1	LS		
D29	PHASE 1 - SITE & STRUCTURE DEMO - EXISTING STREET SWEEPER WAS & GRIT BASIN	1	LS		
II4	PHASE 2 - OPS - STRUCTURAL & SELECTIVE DEMO	1	LS		
ZZ7	BP 04 - SITE AND STRUCTURE DEMO SUB MOBILIZATION	1	LS		
ZZ8	BP 04 - SITE AND STRUCTURE DEMO SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Methods of Measurement

Bid Package 4 - Site & Structure Demo

D3 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING MAINTENANCE BUILDING

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D4 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING STORAGE BUILDING

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D5 PHASE 2 - SITE & STRUCTURE DEMO - EXISTING INFLUENT HW CHANNELS

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D6 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING HEADWORKS

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D7 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING SECONDARY CLARIFIER NO.1

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D8 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING SC CLARIFIER DISTRIBUTION BOX

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D9 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING RECYCLE PS NO.1 & 2 (PUMPS PIPING & EQUIPMENT)

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D10 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING AERATION BASIN NO.2

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D11 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING PLANT WATER PS

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D12 PHASE 2 - SITE & STRUCTURE DEMO - EXISTING UV & POST AERATION BASIN

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D13 PHASE 2 - SITE & STRUCTURE DEMO - EXISTING UV & POST AERATION BLOWER BDLG

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D14 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING POLE BARN

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D15 PHASE 1 - SITE & STRUCTURE DEMO - ~~EXISTING 8' WEIR GATES @~~ EXISTING ANOXIC BASINS

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified item(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures/utilities/equipment/personnel, placement of crushed stone aggregate fill, installation concrete topping slabs, remedy/repair of existing concrete damaged during demolition. Bidder shall coordinate with with the Construction Manager and Owner prior to work activities. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D16 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING FENCING & GATES

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified item(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures/utilities/equipment/personnel, placement of crushed stone aggregate fill, installation concrete topping slabs, remedy/repair of existing concrete damaged during demolition. Bidder shall coordinate with with the Construction Manager and Owner prior to work activities. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D17 PHASE 1 - SITE & STRUCTURE DEMO - SITE CONCRETE DEMO

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D18 PHASE 2 - SITE & STRUCTURE DEMO - VAULTS @ DIGESTER 4 & 5 DEMO

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D20 PHASE 2 - SITE & STRUCTURE DEMO - EXISTING GRIT CHAMBER

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D21 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING CHLORINE STORAGE BLDG

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D22 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING GENERATOR

The price bid shall include full compensation for the labor equipment and material to demolish and/or remove existing electrical components, equipment, accessories, and utilities as defined by the contract documents. This includes, but is not limited to, protection of existing structures, utilities, equipment, personnel, coordination with plant staff, construction manager, and engineer. This bid item includes lock-out tag-out. Cost shall include the contractors labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D23 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING STORAGE SHEDS

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D24 PHASE 1 - SITE & STRUCTURE DEMO - WAS/SCUM PUMP STATION

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D26 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING OPERATIONS BUILDING

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D27 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING COMPOST FACILITY

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D28 PHASE 1 - SITE & STRUCTURE DEMO - RELOCATE UNDERGROUND DUCTBANK

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of offsite, existing electrical below grade services. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

D29 PHASE 1 - SITE & STRUCTURE DEMO - EXISTING STREET SWEEPER WAS & GRIT BASIN

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of offsite, existing electrical below grade services. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II4 PHASE 2 - OPS - STRUCTURAL & SELECTIVE DEMO

The price bid shall include full compensation for the labor, equipment, and material to demolish the specified structure(s) as defined in the contract documents. This includes, but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, crushed stone aggregate fill, concrete topping slabs, remedy/repair of existing concrete damaged during demolition, and coordination with with the Construction Manager and Owner. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. This bid item shall be turn-key demolition as shown in the site demolition plans. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ7 BP 04 - SITE AND STRUCTURE DEMO SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ8 BP 04 - SITE AND STRUCTURE DEMO SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

5 Concrete - Headworks & Anoxic Basin

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
I3	PHASE 1 - INFLUENT STR. - CIP FOUNDATIONS/FOOTINGS	939	CY		
I4	PHASE 1 - INFLUENT STR. - CIP WALLS	1,237	CY		
I5	PHASE 1 - INFLUENT STR. - CIP INVERTED CONE	112	CY		
I6	PHASE 1 - INFLUENT STR. - CIP COLUMNS	3	CY		
I8	PHASE 1 - INFLUENT STR. - CIP SOFFIT SLAB	192	CY		
I9	PHASE 1 - INFLUENT STR. - HOUSE KEEPING, ELECTRICAL, & EQUIPMENT PADS	22	CY		
I10	PHASE 1 - INFLUENT STR. - CIP FILL CLASS A CONCRETE	106	CY		
I11	PHASE 1 - INFLUENT STR. - GRAVEL INFILL USED IN STRUCTURE	732	CY		
I12	PHASE 1 - INFLUENT STR. - CIP GROUT INVERTS CLASS A CONCRETE	85	EA		
J3	PHASE 1 - INFLUENT ELEC. BLDG - CIP FOUNDATIONS/FOOTINGS	21	CY		
J4	PHASE 1 - INFLUENT ELEC. BLDG - CIP STEM WALLS	12	CY		
J5	PHASE 1 - INFLUENT ELEC. BLDG - CIP SLAB	18	CY		
J6	PHASE 1 - INFLUENT ELEC. BLDG - HOUSE KEEPING & EQUIPMENT PADS	3	CY		
N3	PHASE 1 - ANOXIC BASINS - CIP FOUNDATIONS/FOOTINGS	601	CY		
N4	PHASE 1 - ANOXIC BASINS - CIP WALLS	757	CY		

N5	PHASE 1 - ANOXIC BASINS - GRAVEL INFILL USED BETWEEN WALLS	818	TN		
N6	PHASE 1 - ANOXIC BASINS - CIP WALLS (INTERIOR OF EXISTING ANOXIC)	55	CY		
N7	PHASE 1 - ANOXIC BASINS - CIP UPPER WALKWAYS SUSPENDED	88	CY		
N18	PHASE 1 – RECYCLE PUMP STATION – LANDING & SUPPORT CONCRETE	6	CY		
ZZ9	BP 05 - HEADWORKS AND ANOX CONCRETE SUB MOBILIZATION	1	LS		
ZZ10	BP 05 - HEADWORKS AND ANOX CONCRETE SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

General Requirements:

- Cold and Hot weather protection shall be included within the individual bid items.
- Surrounding areas shall be protected from concrete splatters as necessary. Cleaning of concrete splatter shall be at the expense of the bidding contractors.
- Installation of all concrete embedded items including, but not limited to, embeds, sleeves, pipe, anchors, etc. shall be included within this bid package.
- Bidders shall read, understand, and utilize the preliminary shoring design documents provided prior to submitting all bids. The preliminary shoring design documents have been provided in Exhibit form and can be found on CivCast along with all other available design documents.
- Water tightness testing shall be provided by the construction manager. Bidder shall be responsible for costs associated with repair and remedy of a failed water tightness test.
- Cast in-Place concrete pour plans shall be submitted for review by the construction and design team within 14 calendar days of placement or as identified by the contract documents.

Methods of Measurement

Bid Package 5 - Concrete - Headworks & Anoxic Basin

I3 PHASE 1 - INFLUENT STR. - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I4 PHASE 1 - INFLUENT STR. - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I5 PHASE 1 - INFLUENT STR. - CIP INVERTED CONE

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete inverted cones per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I6 PHASE 1 - INFLUENT STR. - CIP COLUMNS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete columns. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I8 PHASE 1 - INFLUENT STR. - CIP SOFFIT SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds, pipe penetrations, or hatches supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I9 PHASE 1 - INFLUENT STR. - HOUSE KEEPING, ELECTRICAL, & EQUIPMENT PADS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, concrete placement, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I10 PHASE 1 - INFLUENT STR. - CIP FILL CLASS A CONCRETE

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I11 PHASE 1 - INFLUENT STR. - GRAVEL INFILL USED IN STRUCTURE

The price bid shall include full compensation for the labor, equipment, and material to completely install the interior fill material per the contract documents. This bid item shall be all-inclusive of but not limited to placement, compaction, grading, protection of utilities, etc. Access to fill locations may be limited, bidders shall be responsible for all costs associated with mechanical placement if necessary. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I12 PHASE 1 - INFLUENT STR. - CIP GROUT INVERTS CLASS A CONCRETE

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J3 PHASE 1 - INFLUENT ELEC. BLDG - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J4 PHASE 1 - INFLUENT ELEC. BLDG - CIP STEM WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete. This bid item shall be all-inclusive of but not limited to, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J5 PHASE 1 - INFLUENT ELEC. BLDG - CIP SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J6 PHASE 1 - INFLUENT ELEC. BLDG - HOUSE KEEPING & EQUIPMENT PADS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, concrete placement, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N3 PHASE 1 - ANOXIC BASINS - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N4 PHASE 1 - ANOXIC BASINS - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N5 PHASE 1 - ANOXIC BASINS - GRAVEL INFILL USED BETWEEN WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely install the interior fill material per the contract documents. This bid item shall be all-inclusive of but not limited to placement, compaction, grading, protection of utilities, etc. Access to fill locations may be limited, bidders shall be responsible for all costs associated with mechanical placement if necessary. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N6 PHASE 1 - ANOXIC BASINS - CIP WALLS (INTERIOR OF EXISTING ANOXIC)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, pipe penetrations, point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N7 PHASE 1 - ANOXIC BASINS - CIP UPPER WALKWAYS SUSPENDED

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N18 PHASE 1 – RECYCLE PUMP STATION – LANDING & SUPPORT CONCRETE

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ9 BP 05 - HEADWORKS AND ANOX CONCRETE SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ10 BP 05 - HEADWORKS AND ANOX CONCRETE SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

6 Concrete - Effluent PS, Filtration UV, Clarifiers

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
O3	PHASE 1 - AERATION BASINS - CIP FOUNDATIONS/FOOTINGS	6	CY		
O4	PHASE 1 - AERATION BASINS - CIP WALLS	22	CY		
O5	PHASE 1 - AERATION BASINS - CIP GROUTED INVERT	3	CY		
P3	PHASE 1 - SURFACE WASTING PS - CIP FOUNDATIONS/FOOTINGS (VLV VAULT)	6	CY		
P4	PHASE 1 - SURFACE WASTING PS - CIP WALLS (VLV VAULT)	12	CY		
P5	PHASE 1 - SURFACE WASTING PS - GROUTED INVERT (VLV VAULT)	4	CY		
P6	PHASE 1 - SURFACE WASTING PS - CIP SUSPENDED SLAB (VLV VAULT)	6	CY		
P7	PHASE 1 - SURFACE WASTING PS - CIP FOUNDATIONS/FOOTINGS (WETWELL)	21	CY		
P8	PHASE 1 - SURFACE WASTING PS - CIP WALLS (WETWELL)	47	CY		
P9	PHASE 1 - SURFACE WASTING PS - CIP GROUTED INVERT (WETWELL)	7	CY		
P10	PHASE 1 - SURFACE WASTING PS - CIP SUSPENDED SLAB (WETWELL)	7	CY		
Q3	PHASE 1 - SEC CLAR DIST & RAS PS - CIP FOUNDATIONS/FOOTINGS	28	CY		
Q4	PHASE 1 - SEC CLAR DIST & RAS PS - CIP WALLS	119	CY		
Q5	PHASE 1 - SEC CLAR DIST & RAS PS - CIP CONCRETE INFILL	33	CY		
R3	PHASE 2 - SEC CLAR NO.1- CIP FOUNDATIONS/FOOTINGS	305	CY		
R4	PHASE 2 - SEC CLAR NO.1- CIP WALLS	149	CY		

R5	PHASE 2 - SEC CLAR NO.1- CIP SUSPENDED SLAB LAUNDER & GROUTED INVERT	47	CY		
R6	PHASE 2 - SEC CLAR NO.1- CIP LAUNDER WALLS	26	CY		
R7	PHASE 2 - SEC CLAR NO.1- CIP LAUNDER GROUTED INVERT	14	CY		
R8	PHASE 2 - SEC CLAR NO.1- CIP GROUTED TOPPING SLAB	41	CY		
R9	PHASE 2 - SEC CLAR NO.1- CIP SCUM BOX SLAB	2	CY		
R10	PHASE 2 - SEC CLAR NO.1- CIP SCUM BOX WALLS	6	CY		
R11	PHASE 2 - SEC CLAR NO.1- CIP SCUM BOX GROUTED INVERT	4	CY		
R12	PHASE 2 - SEC CLAR NO.1- CIP EFFLUENT BOX SLAB	1	CY		
R13	PHASE 2 - SEC CLAR NO.1- CIP EFFLUENT BOX WALLS	1	CY		
R14	PHASE 2 - SEC CLAR NO.1- CIP EFFLUENT BOX GROUTED INVERT	1	CY		
T3	PHASE 1 - SEC CLAR NO.3- CIP FOUNDATIONS/FOOTINGS	305	CY		
T4	PHASE 1 - SEC CLAR NO 3- CIP WALLS	149	CY		
T5	PHASE 1 - SEC CLAR NO.3- CIP SUSPENDED SLAB LAUNDER & GROUTED INVERT	47	CY		
T6	PHASE 1 - SEC CLAR NO.3- CIP LAUNDER WALLS	26	CY		
T7	PHASE 1 - SEC CLAR NO.3- CIP LAUNDER GROUTED INVERT	14	CY		
T8	PHASE 1 - SEC CLAR NO.3- CIP GROUTED TOPPING SLAB	41	CY		
T9	PHASE 1 - SEC CLAR NO.3- CIP SCUM BOX SLAB	2	CY		
T10	PHASE 1 - SEC CLAR NO.3- CIP SCUM BOX WALLS	6	CY		
T11	PHASE 1 - SEC CLAR NO.3- CIP SCUM BOX GROUTED INVERT	4	CY		
T12	PHASE 1 - SEC CLAR NO.3- CIP EFFLUENT BOX SLAB	1	CY		
T13	PHASE 1 - SEC CLAR NO.3- CIP EFFLUENT BOX WALLS	1	CY		
T14	PHASE 1 - SEC CLAR NO.3- CIP EFFLUENT BOX GROUTED INVERT	1	CY		

U3	PHASE 1 - RAS PS NO.2 - CIP FOUNDATIONS/FOOTINGS	21	CY		
U4	PHASE 1 - RAS PS NO.2 - CIP WALLS	58	CY		
U5	PHASE 1 - RAS PS NO.2 - CIP SUSPENDED SLAB	6	CY		
U6	PHASE 1 - RAS PS NO.2 - CIP GROUTED INVERT	9	CY		
U7	PHASE 1 - RAS PS NO.2 - CIP UPPER SLAB	11	CY		
V3	PHASE 1 - RAS PS NO.2 METER VAULT- CIP FOUNDATIONS/FOOTINGS	4	CY		
V4	PHASE 1 - RAS PS NO.2 METER VAULT- CIP WALLS	9	CY		
V6	PHASE 1 - RAS PS NO.2 METER VAULT- CIP GROUTED INVERT	1	CY		
Z4	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP FOUNDATIONS/FOOTINGS (SLAB EL. 1108.50, 1114.75, 1116.00)	580	CY		
Z5	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP WALLS	1327	CY		
Z6	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP SLABS ON GRAVEL FILL (UV, FILTERS, FLUME AREAS)	61	CY		
Z7	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- GRAVEL FILL IN STRUCTURE (UV, FILTERS, FLUME AREAS)	320	CY		
Z8	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP ELEVATED/DECK SLABS (BY UV EQUIPMENT)	7	CY		
Z9	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP GROUT (UNDER FILTERS/FLUME)	65	CY		
Z10	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP SAMPLING BUILDING SLAB	3.5	CY		
AA3	PHASE 2 - EFF PS & ELEC BLDG. - CIP LOWER SLAB	64	CY		
AA4	PHASE 2 - EFF PS & ELEC BLDG. - CIP WALLS	263	CY		
AA5	PHASE 2 - EFF PS & ELEC BLDG. - CIP CONC. INFILL	28	CY		
AA6	PHASE 2 - EFF PS & ELEC BLDG. - CIP SUSPENDED SLAB	33	CY		
AA7	PHASE 2 - EFF PS & ELEC BLDG. - CIP EXTERIOR FOOTINGS	50	CY		
AA8	PHASE 2 - EFF PS & ELEC BLDG. - CIP EXTERIOR STEM WALLS	19	CY		
AA9	PHASE 2 - EFF PS & ELEC BLDG. - CIP INTERIOR UPPER SLAB	45	CY		

AA10	PHASE 2 - EFF PS & ELEC BLDG. - CIP CLASS A INVERTS	10	CY		
AA11	PHASE 2 - EFF PS & ELEC BLDG. - CIP PUMP STANDS	8	CY		
AA12	PHASE 2 - EFF PS & ELEC BLDG. - CIP ELECTRICAL PADS	4	CY		
ZZ11	BP 06 - EFFLUENT PS, FILTRATION UV, CLARIFIERS CONCRETE SUB MOBILIZATION	1	LS		
ZZ12	BP 06 - EFFLUENT PS, FILTRATION UV, CLARIFIERS CONCRETE SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

General Requirements:

- Cold and Hot weather protection shall be included within the individual bid items.
- Surrounding areas shall be protected from concrete splatters as necessary. Cleaning of concrete splatter shall be at the expense of the bidding contractors.
- Installation of all concrete embedded items including, but not limited to, embeds, sleeves, pipe, anchors, etc. shall be included within this bid package.
- Bidders shall read, understand, and utilize the preliminary shoring design documents provided prior to submitting all bids. The preliminary shoring design documents have been provided in Exhibit form and can be found on CivCast along with all other available design documents.
- Water tightness testing shall be provided by the construction manager. Bidder shall be responsible for costs associated with repair and remedy of a failed water tightness test.
- Cast in-Place concrete pour plans shall be submitted for review by the construction and design team within 14 calendar days of placement or as identified by the contract documents.

Methods of Measurement

Bid Package 6 - Concrete - Effluent PS, Filtration UV, Clarifiers

O3 PHASE 1 - AERATION BASINS - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

O4 PHASE 1 - AERATION BASINS - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

O5 PHASE 1 - AERATION BASINS - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P3 PHASE 1 - SURFACE WASTING PS - CIP FOUNDATIONS/FOOTINGS (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P4 PHASE 1 - SURFACE WASTING PS - CIP WALLS (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P5 PHASE 1 - SURFACE WASTING PS - GROUTED INVERT (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P6 PHASE 1 - SURFACE WASTING PS - CIP SUSPENDED SLAB (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P7 PHASE 1 - SURFACE WASTING PS - CIP FOUNDATIONS/FOOTINGS (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P8 PHASE 1 - SURFACE WASTING PS - CIP WALLS (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P9 PHASE 1 - SURFACE WASTING PS - CIP GROUTED INVERT (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P10 PHASE 1 - SURFACE WASTING PS - CIP SUSPENDED SLAB (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Q3 PHASE 1 - SEC CLAR DIST & RAS PS - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Q4 PHASE 1 - SEC CLAR DIST & RAS PS - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Q5 PHASE 1 - SEC CLAR DIST & RAS PS - CIP CONCRETE INFILL

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R3 PHASE 2 - SEC CLAR NO.1- CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R4 PHASE 2 - SEC CLAR NO.1- CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R5 PHASE 2 - SEC CLAR NO.1- CIP SUSPENDED SLAB LAUNDER & GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R6 PHASE 2 - SEC CLAR NO.1- CIP LAUNDER WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R7 PHASE 2 - SEC CLAR NO.1- CIP LAUNDER GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R8 PHASE 2 - SEC CLAR NO.1- CIP GROUTED TOPPING SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the grouted topping slab per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, saw cutting, expansion/isolation joint treatment, honeycomb/defect repair, finishing and curing methods as well as protection of surrounding equipment/metals/facilities. The bidder shall bear the entire cost of mechanical material placement. Use of the clarifier mechanism shall be available to the bidder during grout placement. Damage to the clarifier mechanisms shall be at the expense of the bidder. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R9 PHASE 2 - SEC CLAR NO.1- CIP SCUM BOX SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R10 PHASE 2 - SEC CLAR NO.1- CIP SCUM BOX WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R11 PHASE 2 - SEC CLAR NO.1- CIP SCUM BOX GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R12 PHASE 2 - SEC CLAR NO.1- CIP EFFLUENT BOX SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R13 PHASE 2 - SEC CLAR NO.1- CIP EFFLUENT BOX WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R14 PHASE 2 - SEC CLAR NO.1- CIP EFFLUENT BOX GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T3 PHASE 1 - SEC CLAR NO.3- CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T4 PHASE 1 - SEC CLAR NO 3- CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T5 PHASE 1 - SEC CLAR NO.3- CIP SUSPENDED SLAB LAUNDER & GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

T6 PHASE 1 - SEC CLAR NO.3- CIP LAUNDER WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T7 PHASE 1 - SEC CLAR NO.3- CIP LAUNDER GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T8 PHASE 1 - SEC CLAR NO.3- CIP GROUTED TOPPING SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the grouted topping slab per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, saw cutting, expansion/isolation joint treatment, honeycomb/defect repair, finishing and curing methods as well as protection of surrounding equipment/metals/facilities. The bidder shall bear the entire cost of mechanical material placement. Use of the clarifier mechanism shall be available to the bidder during grout placement. Damage to the clarifier mechanisms shall be at the expense of the bidder. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T9 PHASE 1 - SEC CLAR NO.3- CIP SCUM BOX SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T10 PHASE 1 - SEC CLAR NO.3- CIP SCUM BOX WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T11 PHASE 1 - SEC CLAR NO.3- CIP SCUM BOX GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T12 PHASE 1 - SEC CLAR NO.3- CIP EFFLUENT BOX SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T13 PHASE 1 - SEC CLAR NO.3- CIP EFFLUENT BOX WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T14 PHASE 1 - SEC CLAR NO.3- CIP EFFLUENT BOX GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U3 PHASE 1 - RAS PS NO.2 - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U4 PHASE 1 - RAS PS NO.2 - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U5 PHASE 1 - RAS PS NO.2 - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U6 PHASE 1 - RAS PS NO.2 - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U7 PHASE 1 - RAS PS NO.2 - CIP UPPER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

V3 PHASE 1 - RAS PS NO.2 METER VAULT- CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

V4 PHASE 1 - RAS PS NO.2 METER VAULT- CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

V6 PHASE 1 - RAS PS NO.2 METER VAULT- CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z4 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP FOUNDATIONS/FOOTINGS (SLAB EL. 1108.50, 1114.75, 1116.00)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z5 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z6 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP SLABS ON GRAVEL FILL (UV, FILTERS, FLUME AREAS)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z7 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- GRAVEL FILL IN STRUCTURE (UV, FILTERS, FLUME AREAS)

The price bid shall include full compensation for the labor, equipment, and material to completely install the interior fill material per the contract documents. This bid item shall be all-inclusive of but not limited to placement, compaction, grading, protection of utilities, etc. Access to fill locations may be limited, bidders shall be responsible for all costs associated with mechanical placement if necessary. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z8 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP ELEVATED/DECK SLABS (BY UV EQUIPMENT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z9 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP GROUT (UNDER FILTERS/FUME)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z10 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME- CIP SAMPLING BUILDING SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA3 PHASE 2 - EFF PS & ELEC BLDG. - CIP LOWER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA4 PHASE 2 - EFF PS & ELEC BLDG. - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA5 PHASE 2 - EFF PS & ELEC BLDG. - CIP CONC. INFILL

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA6 PHASE 2 - EFF PS & ELEC BLDG. - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA7 PHASE 2 - EFF PS & ELEC BLDG. - CIP EXTERIOR FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA8 PHASE 2 - EFF PS & ELEC BLDG. - CIP EXTERIOR STEM WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA9 PHASE 2 - EFF PS & ELEC BLDG. - CIP INTERIOR UPPER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA10 PHASE 2 - EFF PS & ELEC BLDG. - CIP CLASS A INVERTS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA11 PHASE 2 - EFF PS & ELEC BLDG. - CIP PUMP STANDS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Bidder shall coordinate with the Construction Manager for size & orientation of pump anchors prior to commencement of work. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA12 PHASE 2 - EFF PS & ELEC BLDG. - CIP ELECTRICAL PADS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, concrete placement, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ11 BP 06 - EFFLUENT PS, FILTRATION UV, CLARIFIERS CONCRETE SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ12 BP 06 - EFFLUENT PS, FILTRATION UV, CLARIFIERS CONCRETE SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

8 Concrete - Small Structures

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
E5	PHASE 1 - SITE CONCRETE & MISC. TRANSFORMER PADS	6	CY		
E6	PHASE 1 - SITE CONCRETE & MISC. SWITCHGEAR PADS	3	CY		
E7	PHASE 1 - SITE CONCRETE & MISC. - HVAC PADS	1	LS		
E8	PHASE 2 - SITE CONCRETE & MISC. - LIGHT POLE BASES	5	CY		
E9	PHASE 2 - SITE CONCRETE & MISC. - CAMERA POLE BASES	4	CY		
E10	PHASE 1 - SITE CONCRETE & MISC. - CONCRETE RECTANGULAR CHANNEL W/HEADWALLS	116	CY		
E11	PHASE 1 - SITE CONCRETE & MISC. - CONCRETE V DITCH CHANNEL	185	LF		
E12	PHASE 1 - SITE CONCRETE & MISC. - RETAINING WALL BETWEEN SLUDGE THICKENER & WEST ENTRANCE	32	CY		
E13	PHASE 1 - SITE CONCRETE & MISC. - DRAINAGE SWALE @ SLUDGE THICKENER PS	7	CY		
E15	PHASE 1 - SITE CONCRETE & MISC. - 42" RS AERIAL PIPE SUPPORTS	10	EA		
E18	PHASE 1 - SITE CONCRETE & MISC. - BOLLARDS INSTALL	28	EA		
E20	PHASE 1 - SITE CONCRETE & MISC. - STREET SWEEPER CLEAN-OUT PAD	72	CY		
K3	PHASE 1 - PUMPED INFLUENT METER VAULT - CIP FOUNDATIONS/FOOTINGS	9	CY		
K4	PHASE 1 - PUMPED INFLUENT METER VAULT - CIP WALLS	16	CY		
K5	PHASE 1 - PUMPED INFLUENT METER VAULT - CIP SUSPENDED SLAB	7	CY		
K6	PHASE 1 - PUMPED INFLUENT METER VAULT - CIP GROUTED INVERT	2	CY		
L3	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP FOUNDATIONS/FOOTINGS (VLV VAULT)	5	CY		

L4	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP WALLS (VLV VAULT)	9	CY		
L5	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP GROUTED INVERT (VLV VAULT)	2	CY		
L7	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP FOUNDATIONS/FOOTINGS (WETWELL)	17	CY		
L8	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP WALLS (WETWELL)	51	CY		
L9	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP GROUTED INVERTS (WETWELL)	5	CY		
L10	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP SUSPENDED SLAB (WETWELL & VLV VAULT)	8	CY		
M3	PHASE 2 - WET WEATHER METER VAULT - CIP FOUNDATIONS/FOOTINGS	6	CY		
M4	PHASE 2 - WET WEATHER METER VAULT - CIP WALLS	12	CY		
M5	PHASE 2 - WET WEATHER METER VAULT - CIP GROUTED INVERT	2	CY		
M6	PHASE 2 - WET WEATHER METER VAULT - CIP SUSPENDED SLAB	4	CY		
W3	PHASE 1 - WASTING METER VAULT- CIP FOUNDATIONS/FOOTINGS	6	CY		
W4	PHASE 1 - WASTING METER VAULT- CIP WALLS	11	CY		
W5	PHASE 1 - WASTING METER VAULT- CIP GROUTED INVERT	2	CY		
W6	PHASE 1 - WASTING METER VAULT- CIP SUSPENDED SLAB	4	CY		
Y1	PHASE 1 - EX WAS PS - CIP PIPE SUPPORTS	1	CY		
BB3	PHASE 2 - BLWR BLDG VALVE VAULT- CIP FOUNDATIONS/FOOTINGS	9	CY		
BB4	PHASE 2 - BLWR BLDG VALVE VAULT- CIP WALLS	15	CY		
BB5	PHASE 2 - BLWR BLDG VALVE VAULT- CIP GROUTED INVERT	3	CY		
BB6	PHASE 2 - BLWR BLDG VALVE VAULT- CIP SUSPENDED SLAB	8	CY		
CC3	PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP LOWER SLAB	6	CY		
CC4	PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP WALLS	10	CY		
CC5	PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP GROUTED INVERT	2	CY		

CC6	PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP SUSPENDED SLAB	6	CY		
DD3	PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP LOWER SLAB	4	CY		
DD4	PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP WALLS	13	CY		
DD5	PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP GROUTED INVERT	1	CY		
DD6	PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP SUSPENDED SLAB	3	CY		
EE3	PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP LOWER SLAB	4	CY		
EE4	PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP WALLS	12	CY		
EE5	PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP GROUTED INVERT	1	CY		
EE6	PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP SUSPENDED SLAB	3	CY		
JJ3	PHASE 2 - SOUTH GENERATOR - CIP FOUNDATIONS/FOOTINGS	12	CY		
KK3	PHASE 1 - NORTH GENERATOR - CIP FOUNDATIONS/FOOTINGS	20	CY		
OO3	PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - CIP FOUNDATIONS/FOOTINGS	8	CY		
OO4	PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - CIP WALLS	17	CY		
OO6	PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - CIP GROUTED INVERT	3	CY		
PP2	PHASE 1 - 8" METER VAULT & RPZ - CIP LOWER SLAB	1	CY		
PP3	PHASE 1 - 8" METER VAULT & RPZ - CIP WALLS	3	CY		
PP4	PHASE 1 - 8" METER VAULT & RPZ - CIP GROUTED INVERT	1	CY		
PP5	PHASE 1 - 8" METER VAULT & RPZ - CIP SUSPENDED SLAB	1	CY		
QQ1	PHASE 2 - EXISTING GRIT CHAMBER - CIP CONCRETE CAP 6"	29	CY		
SS1	PHASE 1 - SLUDGE THICKENER JUNCTION BOX - CONCRETE WALL EXTENSION	3	CY		
ZZ15	BP 08 - SMALL STRUCTURES CONCRETE SUB MOBILIZATION	1	LS		
ZZ16	BP 08 - SMALL STRUCTURES CONCRETE SUB BONDING	1	LS		

Bid Package Total:	
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The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

General Requirements:

- Cold and Hot weather protection shall be included within the individual bid items.
- Surrounding areas shall be protected from concrete splatters as necessary. Cleaning of concrete splatter shall be at the expense of the bidding contractors.
- Installation of all concrete embedded items including, but not limited to, embeds, sleeves, pipe, anchors, etc. shall be included within this bid package.
- Bidders shall read, understand, and utilize the preliminary shoring design documents provided prior to submitting all bids. The preliminary shoring design documents have been provided in Exhibit form and can be found on CivCast along with all other available design documents.
- Water tightness testing shall be provided by the construction manager. Bidder shall be responsible for costs associated with repair and remedy of a failed water tightness test.
- Cast in-Place concrete pour plans shall be submitted for review by the construction and design team within 14 calendar days of placement or as identified by the contract documents.

Methods of Measurement

Bid Package 8 - Concrete - Small Structures

E5 PHASE 1 - SITE CONCRETE & MISC. TRANSFORMER PADS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Contractor shall coordinate with electrical subcontractor, construction manager, and utility provider prior to installation of concrete. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E6 PHASE 1 - SITE CONCRETE & MISC. SWITCHGEAR PADS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E7 PHASE 1 - SITE CONCRETE & MISC. - HVAC PADS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E8 PHASE 2 - SITE CONCRETE & MISC. - LIGHT POLE BASES

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to excavation, spoils haul off, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E9 PHASE 2 - SITE CONCRETE & MISC. - CAMERA POLE BASES

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete. This bid item shall be all-inclusive of but not limited to excavation, spoils haul off, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E10 PHASE 1 - SITE CONCRETE & MISC. - CONCRETE RECTANGULAR CHANNEL W/HEADWALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E11 PHASE 1 - SITE CONCRETE & MISC. - CONCRETE V DITCH CHANNEL

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E12 PHASE 1 - SITE CONCRETE & MISC. - RETAINING WALL BETWEEN SLUDGE THICKENER & WEST ENTRANCE

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to excavation, backfill, drainage systems, fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E13 PHASE 1 - SITE CONCRETE & MISC. - DRAINAGE SWALE @ SLUDGE THICKENER PS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E15 PHASE 1 - SITE CONCRETE & MISC. - 42" RS AERIAL PIPE SUPPORTS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to excavation, spoils haul off, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E18 PHASE 1 - SITE CONCRETE & MISC. - BOLLARDS INSTALL

The price bid shall include full compensation for the labor and equipment to install the pipe bollards as defined in the contract documents. Supply of the pipe bollards will be the responsibility of the miscellaneous metals package. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

E20 PHASE 1 - SITE CONCRETE & MISC. - STREET SWEEPER CLEAN-OUT PAD

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

K3 PHASE 1 - PUMPED INFLUENT METER VAULT - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

K4 PHASE 1 - PUMPED INFLUENT METER VAULT - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

K5 PHASE 1 - PUMPED INFLUENT METER VAULT - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

K6 PHASE 1 - PUMPED INFLUENT METER VAULT - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L3 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP FOUNDATIONS/FOOTINGS (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L4 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP WALLS (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L5 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP GROUTED INVERT (VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L7 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP FOUNDATIONS/FOOTINGS (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L8 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP WALLS (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L9 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP GROUTED INVERTS (WETWELL)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L10 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - CIP SUSPENDED SLAB (WETWELL & VLV VAULT)

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

M3 PHASE 2 - WET WEATHER METER VAULT - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

M4 PHASE 2 - WET WEATHER METER VAULT - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

M5 PHASE 2 - WET WEATHER METER VAULT - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

M6 PHASE 2 - WET WEATHER METER VAULT - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

W3 PHASE 1 - WASTING METER VAULT- CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

W4 PHASE 1 - WASTING METER VAULT- CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

W5 PHASE 1 - WASTING METER VAULT- CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

W6 PHASE 1 - WASTING METER VAULT- CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Y1 PHASE 1 - EX WAS PS - CIP PIPE SUPPORTS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, reinforcement, concrete placement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Bidder shall coordinate with the Construction Manager prior to installation to validate pipe/anchor/embed location & type. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

BB3 PHASE 2 - BLWR BLDG VALVE VAULT- CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

BB4 PHASE 2 - BLWR BLDG VALVE VAULT- CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

BB5 PHASE 2 - BLWR BLDG VALVE VAULT- CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

BB6 PHASE 2 - BLWR BLDG VALVE VAULT- CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

CC3 PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP LOWER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

CC4 PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

CC5 PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

CC6 PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

DD3 PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP LOWER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

DD4 PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

DD5 PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

DD6 PHASE 2 - DIG. NO. 4 VALVE VAULT - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

EE3 PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP LOWER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

EE4 PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

EE5 PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

EE6 PHASE 2 - DIG. NO. 5 VALVE VAULT - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

JJ3 PHASE 2 - SOUTH GENERATOR - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

KK3 PHASE 1 - NORTH GENERATOR - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

OO3 PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - CIP FOUNDATIONS/FOOTINGS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading of aggregate base course, concrete placement (footings, stem walls, slabs, thickened edges, etc), cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

OO4 PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

OO6 PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

PP2 PHASE 1 - 8" METER VAULT & RPZ - CIP LOWER SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

PP3 PHASE 1 - 8" METER VAULT & RPZ - CIP WALLS

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to cold weather protection, concrete placement, reinforcement, saw cutting, expansion/isolation joint treatment, block outs, pipe penetrations (supplied by others), point & patching, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

PP4 PHASE 1 - 8" METER VAULT & RPZ - CIP GROUTED INVERT

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds supplied by others. The bid item includes protection of surrounding equipment and other work items. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

PP5 PHASE 1 - 8" METER VAULT & RPZ - CIP SUSPENDED SLAB

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to concrete placement, cold weather protection, reinforcement, integrated concrete beams, shoring and shoring design, saw cutting, expansion/isolation joint treatment, honeycomb repair, rub finish, and curing methods as well as installing any required embeds supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

QQ1 PHASE 2 - EXISTING GRIT CHAMBER - CIP CONCRETE CAP 6"

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

SS1 PHASE 1 - SLUDGE THICKENER JUNCTION BOX - CONCRETE WALL EXTENSION

The price bid shall include full compensation for the labor, equipment, and material to completely construct the cast in-place concrete per the contract documents. This bid item shall be all-inclusive of but not limited to fine grading, cold weather protection, reinforcement, saw cutting, expansion/isolation joint treatment, and curing methods as well as installing any required embeds or pipe penetrations supplied by others. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ15 BP 08 - SMALL STRUCTURES CONCRETE SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ16 BP 08 - SMALL STRUCTURES CONCRETE SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

9 Fencing & Gates

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
F1	PHASE 1 - FENCING & GATES - SECURITY FENCING	1,612	LF		
F2	PHASE 1 - FENCING & GATES - NORTH ENTRANCE DOUBLE SWING GATE	1	LS		
F3	PHASE 1 - FENCING & GATES - DOUBLE SWING GATES	2	EA		
FF1	PHASE 2 - MAINT. BLDG - INTERIOR FENCING	1	LS		
ZZ19	BP 09 - FENCE & GATES SUB MOBILIZATION	1	LS		
ZZ20	BP 09 - FENCE & GATES SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Methods of Measurement

Bid Package 9 - Fencing & Gates

F1 PHASE 1 - FENCING & GATES - SECURITY FENCING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of fencing, fence signage, and gates as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

F2 PHASE 1 - FENCING & GATES - NORTH ENTRANCE DOUBLE SWING GATE

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of double swing gate(s), fence signage, and closure systems as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

F3 PHASE 1 - FENCING & GATES - DOUBLE SWING GATES

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of double swing gate(s), fence signage, and closure systems as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

FF1 PHASE 2 - MAINT. BLDG - INTERIOR FENCING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of interior fencing, fence signage, and gates as defined in the contract documents. Bidder shall coordinate with the Construction Manager, Engineer, and Owner for color selection (if applicable). Bidder shall provide all required closure & locking mechanisms. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ19 BP 09 - FENCE & GATES SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ20 BP 09 - FENCE & GATES SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

10 Yard Piping

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
G1	PHASE 1 - 4", 6", & 8" DRAINS W/MH'S PROFILES (34-36)	327	LF		
G2	PHASE 1 - 8" DRAIN PROFILE (8) W/MH'S	39	LF		
G3	PHASE 1 - 6" DRAIN PROFILE W/MH'S PROFILES (33)	96	LF		
G4	PHASE 1 - 6" DRAIN PROFILES (23-24)	58	LF		
G5	PHASE 2 - 6" & 8" DRAINS W/ MH'S PROFILES (38)	488	LF		
G6	PHASE 2 - 8" DRAIN AT LS NO. 2 (NO PROFILE)	16	LF		
G7	PHASE 2 - 4" DRAINS @ EXISTING DIGESTERS #4 & #5 (NO PROFILES)	118	LF		
G8	PHASE 2 - 4" & 6" DRAINS FROM PS NO.1 TO OPERATIONS BLDG (NO PROFILES)	67	LF		
G9	PHASE 2 - 4" & 6" DRAINS FROM PUMPED INFLUENT METER VAULT TO LS #4 & INFLUENT BUILDING TO LS #4 (NO PROFILES)	40	LF		
G10	PHASE 1 - 1" WATER LINE FROM INFLUENT STRUCTURE TO 4" TIE-IN	134	LF		
G11	PHASE 1 - 2" & 3" WATER LINE FROM EXT. 6" WATER LINE TO MAINTENANCE BUILDING AND YARD HYDRANTS	220	LF		
G12	PHASE 2 - 2", 3", & 6" WATER LINE @ OPERATIONS BUILDING TO RPZ @ SEC CLAR #3 TO SLUDGE THICKENER PS	497	LF		
G13	PHASE 2 - 1" WATER LINE FROM OPERATIONS BLDG TO EXISTING HW	107	LF		
G14	PHASE 2 - FIRE HYDRANT ASSEMBLIES ON EXISTING 6" WATER @ MAINTENANCE BUILDING	1	EA		
G15	PHASE 2 - FIRE HYDRANT ASSEMBLIES ON EXISTING 8" WATER	1	EA		
G16	PHASE 1 - 8" WATER AND METER VAULT PIPING AT EXISTING DIGESTERS	80	LF		
G17	PHASE 2 - 4", 2", 1" PW FROM INFLUENT BUILDING TO EXISTING DIGESTERS #4 & #5	2,086	LF		
G18	PHASE 1 - 2" & 1" PW FROM 4" TIE-IN TO SECONDARY CLARIFIERS	270	LF		

G19	PHASE 1 - 4",3",2",1" NPW FROM RPZ @ INFLUENT STRUCTURE TO SEC CLAR DISTR BOX	1,508	LF		
G20	PHASE 1 - 2" & 1" NPW FROM RPZ @ OPS BLDG TO WAS/SCUM PS	190	LF		
G21	PHASE 1 - 6" NPW FROM FDC @ OPS BUILDING TO FDC@ INFLUENT STRUCTURE	1,097	LF		
G22	PHASE 1 - 4" DI FM FROM INFLUENT STR. TO LS NO.4 (PROFILE 4)	173	LF		
G23	PHASE 1 - 4" DI FM FROM FROM TIE-IN @ EXISTING 4" FM TO JB (PROFILE 41)	39	LF		
G24	PHASE 2 - 2" PVC FM FROM DIGESTER 4 TO MH STR 63 & BLOWER BDLG VLV VAULT TO STR. 63	181	LF		
G25	PHASE 2 - 2" PVC FM FROM WET WEATHER METER VAULT TO WASTE METER VAULT TO MH33-3 (NO PROFILE)	219	LF		
G26	PHASE 1 - 24" DI RS FROM INFLUENT BLDG TO MCKISSIC LS FM TIE-IN (PROFILE 2)	228	LF		
G27	PHASE 1 - 24" DI RS TEMP. REROUTE MCKISSIC LS FM (NO PROFILE)	182	LF		
G28	PHASE 1 - 12" DI RS FROM INFLUENT BLDG TO NORTH LS FM TIE-IN (PROFILE 3)	557	LF		
G29	PHASE 1 - 42" DI RS FROM MH 1-9 TO INFLUENT BLDG (PROFILE 1)	1,005	LF		
G30	PHASE 1 - 36" DI RS FROM INFLUENT STRUCTURE TO TIE-IN @ EXISTING 36" (PROFILE 5)	93	LF		
G31	PHASE 1 - 12" DI RS FROM NEW 36" RS TO NORTH LS FM 30" TIE-IN EXISTING (PROFILE 6)	467	LF		
G32	PHASE 2 - 30" DI WW FROM PLANT INFL METER VLT TO FILTRATION STR. (PROFILE 7)	588	LF		
G33	PHASE 1 - 12" DI RAS FROM RAS PS NO.2 TO INFLUENT BLDG. (PROFILE 28)	772	LF		
G34	PHASE 1 - 12" DI RAS FROM RAS PS TO TIE-IN @ EXISTING RS LINE (PROFILE 31)	36	LF		
G35	PHASE 1 - 12" DI RAS FROM RAS PS TO TIE-IN @ EXISTING RAS LINE (PROFILE 32)	69	LF		
G36	PHASE 1 - 18" DI RAS FROM SECONDARY CLARIFIER NO.3 TO RAS PS NO.2 (PROFILE 27)	63	LF		
G37	PHASE 1 - REPLACE 18" DI RAS @ SECONDARY CLARIFIER NO.1 (NO PROFILE)	75	LF		
G38	PHASE 1 - 8" DI WAS FROM SLUDGE THICKENER TO WAS SCUM PS (PROFILE 26)	226	LF		
G39	PHASE 1 - 6" DI WAS FROM SECONDARY CLARIFIER NO.3 TO WAS/SCUM PS (PROFILE 22)	77	LF		
G40	PHASE 1 - REPLACE 6" DI WAS @ SECONDARY CLARIFIER NO.1 (NO PROFILE)	54	LF		
G41	PHASE 1 - 36" DI ML FROM SEC. CLAR. DISTRIBUTION BOX TO EXISTING 36" TIE-IN (2EA) (PROFILE 9 & 10)	118	LF		

G42	PHASE 2 - 6" & 8" DI FW FROM FILTERS TO EXIST SLUDGE THICKENER DIVERSION BOX (PROFILE 29 & 30)	478	LF		
G43	PHASE 1 - 30" & 36" DI SCE FROM FILTERS TO SEC. CLAR. #2 (PROFILES 17 & 19)	61	LF		
G44	PHASE 1 - 30" DI SCE FROM SEC. CLAR. #3 TO SEC. CLAR. #2 (PROFILE 18)	20	LF		
G45	PHASE 1 - 30" DI SCE FROM SEC. CLAR. NO1 TO FILTERS (PROFILE 16)	28	LF		
G46	PHASE 1 - 48" DI FE FROM FILTERS TO EFFLUENT PS (PROFILE 20)	9	LF		
G47	PHASE 1 - 36" DI FE FROM EFFLUENT PS TO OUTFALL STRUCTURE (PROFILE 21)	203	LF		
G48	PHASE 1 - 6" DI SWAS FROM SLUDGE THICKENER DISTR. BOX TO SURFACE WASTING PS (PROFILE 15)	305	LF		
G49	PHASE 1 - 12" DI SWAS FROM EXISTING AERATION BASIN TO SURFACE WASTING PS (PROFILE 14)	151	LF		
G50	PHASE 1 - 2.5" ST CA FROM INFLUENT ELEC BLDG TO ANOXIC BASINS	347	LF		
G51	PHASE 1 - 30" DI SCI FROM SEC. CLAR. DISTR. BOX TO SEC. CLAR. NO. 3 (PROFILE 13)	273	LF		
G52	PHASE 1 - 30" DI SCI FROM SEC. CLAR. DISTRIBUTION BOX TO SEC. CLAR. DISTRIBUTION BOX (2EA) (PROFILE 11 & 12)	100	LF		
G53	PHASE 1 - REPLACE 30" DI SCI @ SECONDARY CLARIFIER NO.1 (NO PROFILE)	92	LF		
G54	PHASE 1 - 6" DI SSC FROM SEC. CLAR. NO 2 TO SEC. CLAR. NO 3 (PROFILE 25)	61	LF		
G55	PHASE 1 - 4" PE OC FROM LIFT STATION NO.4 TO ODOR CONTROL UNIT	103	LF		
G56	PHASE 1 - 6" DI DS/TS @ BLOWER BLDG VLV VAULT	76	LF		
G57	PHASE 1 - 4" DI GLASS LINED @ INFLUENT STRUCTURE	162	LF		
G58	PHASE 1 - 2" GI NPW BETWEEN FLTR BLDG & SEC. CLAR. NO. 1	1	EA		
G59	PHASE 1 - 2" W OPERATIONS AND LAB BUILDING	2	EA		
G60	PHASE 1 - 2" NPW BETWEEN AERATION BASIN 1&2	1	EA		
G61	PHASE 1 - 2" PVC NPW @ RECYCLE PS NO. 1	3	EA		
G62	PHASE 1 - 3" PVC PW @ NORTH SIDE OF OPS BLDG	4	EA		
G63	PHASE 1 - 4" DI DL @ EXISTING EFFLUENT PS	2	EA		
G64	PHASE 1 - 4" DI FM @ EXISTING HEADWORKS (PROFILE 41 LOCATION)	4	EA		

G65	PHASE 1 - REPLACE 6" DI WAS @ SECONDARY CLARIFIER NO.1 (NO PROFILE)	2	EA		
G66	PHASE 1 - 6" WATER LINE @ MAINTENANCE BUILDING	1	EA		
G67	PHASE 1 - 6" DL @ NORTH SIDE OF OPERATIONS BUILDING	2	EA		
G68	PHASE 1 - 6" DI DL @ RAS PS NO. 2	1	EA		
G69	PHASE 1 - 6" DI DL @ EXISTING MH 33-1 (PROFILE 33 LOCATION)	1	EA		
G70	PHASE 1 - 8" DI DL @ EXISTING COMPOSTING FACILITY DRIVE (PROFILE 8 LOCATION)	2	EA		
G71	PHASE 1 - 8" DI WAS @ EXISTING SLUDGE THICKENER NO. 2 (PROFILE 26 LOCATION)	4	EA		
G72	PHASE 1 - 12" RAS @ RAS FM VAULT #2 (PROFILE 32 LOCATION)	2	EA		
G73	PHASE 1 - 12" RS FUTURE CONNECTION @ INFLUENT BLDG.	1	EA		
G74	PHASE 1 - 12" DI RS @ NORTH LIFT STATION TIE-IN (PROFILE NO. 3 LOCATION)	2	EA		
G75	PHASE 1 - REPLACE 18" DI RAS @ SECONDARY CLARIFIER NO.1	1	EA		
G76	PHASE 1 - 24" DI RS FUTURE CONNECTION @ INFLUENT BLDG.	1	EA		
G77	PHASE 1 - 24" DI RS @ MCKISSIC LS TIE-IN (PROFILE 3 LOCATION)	4	EA		
G78	PHASE 1 - 30" DI RS NORTH WEST OF SECONDARY CLAR. NO.1	1	EA		
G79	PHASE 1 - REPLACE 30" DI SCI @ SECONDARY CLARIFIER NO.1 (NO PROFILE)	1	EA		
G80	PHASE 1 - REPLACE 30" DI SCE @ SECONDARY CLARIFIER NO.1 (PROFILE 16 LOCATION)	1	EA		
G81	PHASE 1 - 36" DI SCE SOUTH EAST OF CLAR. NO. 3	1	EA		
G82	PHASE 1 - 36" DI ML @ SEC. CLAR. DISTR. BOX **SHOWN AS 30"**	8	EA		
G83	PHASE 1 - 36" RS @ NW CORNER OF AERATION BASIN #1	2	EA		
G84	PHASE 1 - 36" DI ML LINE STOP @ AERATION BASIN NO.1 W/ CAP	1	EA		
G85	PHASE 1 - 36" DI ML LINE STOP @ AERATION BASIN NO.2 W/ CAP	1	EA		
G86	PHASE 1 - 18" DI RAS LINE STOP @ SEC. CLAR. NO. 1 W/CAP	1	EA		
G87	PHASE 1 - 15" & 18" DL REMOVAL	156	LF		

G88	PHASE 1 - 12" RAS LINES	52	LF		
G89	PHASE 1 - REMOVE YARD HYDRANT/FLUSHING HYDRANTS	9	EA		
G90	PHASE 1 - FIRE HYDRANT @ MAINTENANCE BUILDING	1	EA		
G91	PHASE 1 - 30" & 36" SCE REMOVAL	294	LF		
G92	PHASE 1 - 30" & 36" RS REMOVAL	557	LF		
G93	PHASE 1 - 30" OR 36" ML REMOVAL	163	LF		
G94	PHASE 1 - NORTH LIFT STATION TIE-IN	1	LS		
G95	PHASE 1 - 42" HEADWORKS TIE-IN	1	LS		
G96	PHASE 1 - SECONDARY CLARIFIER SPLITTER BOX	1	LS		
G97	PHASE 1 - 36" RS TIE-IN	1	LS		
G98	PHASE 1 - TEMPORARY 36" SCE	1	LS		
H1	PHASE 1 - 36" RCP	188	LF		
H2	PHASE 1 - 24" DOUBLE RCP W/RIPRAP @ WEST ENTRANCE	70	LF		
H3	PHASE 1 - 18" DOUBLE RCP @ WEST ENTRANCE	120	LF		
H4	PHASE 1 - 42" RCP	66	LF		
H5	PHASE 1 - 45"X29" RCPE PIPE	110	LF		
H6	PHASE 1 - TRIPLE BARREL 10'X6' RCB @ TOWN BRANCH CREEK CROSSING	90	LF		
H7	PHASE 1 - HEAD WALL/SINGLE PIPE	2	EA		
H8	PHASE 1 - HEAD WALL/DOUBLE PIPE	4	EA		
H9	PHASE 1 - 6'X6' AREA INLET	2	EA		
H10	PHASE 1 - 6'X6' JUNCTION BOX	1	EA		
LL10	TEMP NORTH ACCESS DR - TRIPLE BARREL BOX CULVERT SUPPLY & INSTALL	1	LS		

ZZ21	BP 10 - YARD PIPING MOBILIZATION	1	LS		
ZZ22	BP 10 - YARD PIPING BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Methods of Measurement

Bid Package 10 - Yard Piping

G1 PHASE 1 - 4", 6", & 8" DRAINS W/MH'S PROFILES (34-36)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G2 PHASE 1 - 8" DRAIN PROFILE (8) W/MH'S

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G3 PHASE 1 - 6" DRAIN PROFILE W/MH'S PROFILES (33)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G4 PHASE 1 - 6" DRAIN PROFILES (23-24)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G5 PHASE 2 - 6" & 8" DRAINS W/ MH'S PROFILES (38)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G6 PHASE 2 - 8" DRAIN AT LS NO. 2 (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G7 PHASE 2 - 4" DRAINS @ EXISTING DIGESTERS #4 & #5 (NO PROFILES)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G8 PHASE 2 - 4" & 6" DRAINS FROM PS NO.1 TO OPERATIONS BLDG (NO PROFILES)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G9 PHASE 2 - 4" & 6" DRAINS FROM PUMPED INFLUENT METER VAULT TO LS #4 & INFLUENT BUILDING TO LS #4 (NO PROFILES)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G10 PHASE 1 - 1" WATER LINE FROM INFLUENT STRUCTURE TO 4" TIE-IN

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G11 PHASE 1 - 2" & 3" WATER LINE FROM EXT. 6" WATER LINE TO MAINTENANCE BUILDING AND YARD HYDRANTS

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G12 PHASE 2 - 2", 3", & 6" WATER LINE @ OPERATIONS BUILDING TO RPZ @ SEC CLAR #3 TO SLUDGE THICKENER PS**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G13 PHASE 2 - 1" WATER LINE FROM OPERATIONS BLDG TO EXISTING HW**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G14 PHASE 2 - FIRE HYDRANT ASSEMBLIES ON EXISTING 6" WATER @ MAINTENANCE BUILDING**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material,

Compensation Type 1

G15 PHASE 2 - FIRE HYDRANT ASSEMBLIES ON EXISTING 8" WATER

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G16 PHASE 1 - 8" WATER AND METER VAULT PIPING AT EXISTING DIGESTERS

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G17 PHASE 2 - 4", 2", 1" PW FROM INFLUENT BUILDING TO EXISTING DIGESTERS #4 & #5

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G18 PHASE 1 - 2" & 1" PW FROM 4" TIE-IN TO SECONDARY CLARIFIERS

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G19 PHASE 1 - 4",3",2",1" NPW FROM RPZ @ INFLUENT STRUCTURE TO SEC CLAR DISTR BOX

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G20 PHASE 1 - 2" & 1" NPW FROM RPZ @ OPS BLDG TO WAS/SCUM PS**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G21 PHASE 1 - 6" NPW FROM FDC @ OPS BUILDING TO FDC@ INFLUENT STRUCTURE**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G22 PHASE 1 - 4" FM FROM INFLUENT STR. TO LS NO.4 (PROFILE 4)**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G23 PHASE 1 - 4" FM FROM FROM TIE-IN @ EXISTING 4" FM TO JB (PROFILE 41)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G24 PHASE 2 - 2" FM FROM DIGESTER 4 TO MH STR 63 & BLOWER BDLG VLV VAULT TO STR. 63**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G25 PHASE 2 - 2" FM FROM WET WEATHER METER VAULT TO WASTE METER VAULT TO MH33-3 (NO PROFILE)**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1**G26 PHASE 1 - 24" RS FROM INFLUENT BLDG TO MCKISSIC LS FM TIE-IN (PROFILE 2)**

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G27 PHASE 1 - 24" RS TEMP. REROUTE MCKISSIC LS FM (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G28 PHASE 1 - 12" RS FROM INFLUENT BLDG TO NORTH LS FM TIE-IN (PROFILE 3)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G29 PHASE 1 - 42" RS FROM MH 1-9 TO INFLUENT BLDG (PROFILE 1)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G30 PHASE 1 - 36" RS FROM INFLUENT STRUCTURE TO TIE-IN @ EXISTING 36" (PROFILE 5)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G31 PHASE 1 - 12" RS FROM NEW 36" RS TO NORTH LS FM 30" TIE-IN EXISTING (PROFILE 6)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G32 PHASE 2 - 30" WW FROM PLANT INFL METER VLT TO FILTRATION STR. (PROFILE 7)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G33 PHASE 1 - 12" RAS FROM RAS PS NO.2 TO INFLUENT BLDG. (PROFILE 28)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G34 PHASE 1 - 12" RAS FROM RAS PS TO TIE-IN @ EXISTING RS LINE (PROFILE 31)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G35 PHASE 1 - 12" RAS FROM RAS PS TO TIE-IN @ EXISTING RAS LINE (PROFILE 32)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G36 PHASE 1 - 18" RAS FROM SECONDARY CLARIFIER NO.3 TO RAS PS NO.2 (PROFILE 27)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G37 PHASE 1 - REPLACE 18" RAS @ SECONDARY CLARIFIER NO.1 (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G38 PHASE 1 - 8" WAS FROM SLUDGE THICKENER TO WAS SCUM PS (PROFILE 26)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G39 PHASE 1 - 6" WAS FROM SECONDARY CLARIFIER NO.3 TO WAS/SCUM PS (PROFILE 22)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G40 PHASE 1 - REPLACE 6" WAS @ SECONDARY CLARIFIER NO.1 (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G41 PHASE 1 - 36" ML FROM SEC. CLAR. DISTRIBUTION BOX TO EXISTING 36" TIE-IN (2EA) (PROFILE 9 & 10)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G42 PHASE 2 - 6" & 8" FW FROM FILTERS TO EXIST SLUDGE THICKENER DIVERSION BOX (PROFILE 29 & 30)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G43 PHASE 1 - 30" & 36" SCE FROM FILTERS TO SEC. CLAR. #2 (PROFILES 17 & 19)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G44 PHASE 1 - 30" SCE FROM SEC. CLAR. #3 TO SEC. CLAR. #2 (PROFILE 18)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G45 PHASE 1 - 30" SCE FROM SEC. CLAR. NO1 TO FILTERS (PROFILE 16)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G46 PHASE 1 - 48" FE FROM FILTERS TO EFFLUENT PS (PROFILE 20)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G47 PHASE 1 - 36" FE FROM EFFLUENT PS TO OUTFALL STRUCTURE (PROFILE 21)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G48 PHASE 1 - 6" SWAS FROM SLUDGE THICKENER DISTR. BOX TO SURFACE WASTING PS (PROFILE 15)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G49 PHASE 1 - 12" SWAS FROM EXISTING AERATION BASIN TO SURFACE WASTING PS (PROFILE 14)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G50 PHASE 1 - 2.5" CA FROM INFLUENT ELEC BLDG TO ANOXIC BASINS

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G51 PHASE 1 - 30" SCI FROM SEC. CLAR. DISTR. BOX TO SEC. CLAR. NO. 3 (PROFILE 13)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G52 PHASE 1 - 30" SCI FROM SEC. CLAR. DISTRIBUTION BOX TO SEC. CLAR. DISTRIBUTION BOX (2EA) (PROFILE 11 & 12)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G53 PHASE 1 - REPLACE 30" SCI @ SECONDARY CLARIFIER NO.1 (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G54 PHASE 1 - 6" SSC FROM SEC. CLAR. NO 2 TO SEC. CLAR. NO 3 (PROFILE 25)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G55 PHASE 1 - 4" OC FROM LIFT STATION NO.4 TO ODOR CONTROL UNIT

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G56 PHASE 1 - 6" DS/TS @ BLOWER BLDG VLV VAULT

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G57 PHASE 1 - 4" GLASS LINED @ INFLUENT STRUCTURE

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G58 PHASE 1 - 2" NPW BETWEEN FLTR BLDG & SEC. CLAR. NO. 1

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G59 PHASE 1 - 2" W OPERATIONS AND LAB BUILDING

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G60 PHASE 1 - 2" NPW BETWEEN AERATION BASIN 1&2

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G61 PHASE 1 - 2" NPW @ RECYCLE PS NO. 1

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G62 PHASE 1 - 3" PW @ NORTH SIDE OF OPS BLDG

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G63 PHASE 1 - 4" DL @ EXISTING EFFLUENT PS

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G64 PHASE 1 - 4" FM @ EXISTING HEADWORKS (PROFILE 41 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G65 PHASE 1 - REPLACE 6" WAS @ SECONDARY CLARIFIER NO.1 (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G66 PHASE 1 - 6" WATER LINE @ MAINTENANCE BUILDING

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G67 PHASE 1 - 6" DL @ NORTH SIDE OF OPERATIONS BUILDING

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G68 PHASE 1 - 6" DL @ RAS PS NO. 2

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G69 PHASE 1 - 6" DL @ EXISTING MH 33-1 (PROFILE 33 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G70 PHASE 1 - 8" DL @ EXISTING COMPOSTING FACILITY DRIVE (PROFILE 8 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G71 PHASE 1 - 8" WAS @ EXISTING SLUDGE THICKENER NO. 2 (PROFILE 26 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G72 PHASE 1 - 12" RAS @ RAS FM VAULT #2 (PROFILE 32 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G73 PHASE 1 - 12" RS FUTURE CONNECTION @ INFLUENT BLDG.

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G74 PHASE 1 - 12" RS @ NORTH LIFT STATION TIE-IN (PROFILE NO. 3 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, pipe anchors, trench cutoffs, manholes, casing, full depth backfill, blocking, encasement under structures/slabs/footings/etc., haul off, and testing/chlorination of the proposed piping as defined in the contract documents. This bid item shall also include costs associated with connections to existing piping as defined in the contract documents. Results of testing/disinfection shall be documented as directed by the construction manager. Bid item includes coordination with trades which include, but is not limited to, pipe penetration location/orientation, temporary pipe supporting, piping layout, etc. Bid item includes all trenching & excavation safety. Remedy due to failed testing shall be at the expense of the bidding contractor. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G75 PHASE 1 - REPLACE 18" RAS @ SECONDARY CLARIFIER NO.1

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G76 PHASE 1 - 24" RS FUTURE CONNECTION @ INFLUENT BLDG.

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G77 PHASE 1 - 24" RS @ MCKISSIC LS TIE-IN (PROFILE 3 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G78 PHASE 1 - 30" RS NORTH WEST OF SECONDARY CLAR. NO.1

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G79 PHASE 1 - REPLACE 30" SCI @ SECONDARY CLARIFIER NO.1 (NO PROFILE)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G80 PHASE 1 - REPLACE 30" SCE @ SECONDARY CLARIFIER NO.1 (PROFILE 16 LOCATION)

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G81 PHASE 1 - 36" SCE SOUTH EAST OF CLAR. NO. 3

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G82 PHASE 1 - 36" ML @ SEC. CLAR. DISTR. BOX **SHOWN AS 30"**

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G83 PHASE 1 - 36" RS @ NW CORNER OF AERATION BASIN #1

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G84 PHASE 1 - 36" ML LINE STOP @ AERATION BASIN NO.1 W/ CAP

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G85 PHASE 1 - 36" ML LINE STOP @ AERATION BASIN NO.2 W/ CAP

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G86 PHASE 1 - 18" RAS LINE STOP @ SEC. CLAR. NO .1 W/CAP

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G87 PHASE 1 - 15" & 18" DL REMOVAL

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G88 PHASE 1 - 12" RAS LINES

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G89 PHASE 1 - REMOVE YARD HYDRANT/FLUSHING HYDRANTS

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G90 PHASE 1 - FIRE HYDRANT @ MAINTENANCE BUILDING

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G91 PHASE 1 - 30" & 36" SCE REMOVAL

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G92 PHASE 1 - 30" & 36" RS REMOVAL

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G93 PHASE 1 - 36" ML REMOVAL

The price bid shall include full compensation for the labor, equipment, and material to remove and dispose of existing below grade piping. All demolished/removed items shall be hauled off site unless otherwise indicated. This includes but is not limited to potholing of existing utilities, protection of existing structures, utilities, equipment, personnel, coordination with plant staff. Haul off, traffic control, and cleanup as defined in the contract documents is to be included in this bid item. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

G94 PHASE 1 - NORTH LIFT STATION TIE-IN

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and operation of necessary bypass pumping as needed for installation of the Site Pipe/Utilities scope. Bypass pumping shall be sized and engineered per the site requirements. Cost shall include the contractor's labor, materials, equipment, and overhead & profit as defined to complete the work.

Compensation Type 1

G95 PHASE 1 - 42" HEADWORKS TIE-IN

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and operation of necessary bypass pumping as needed for installation of the Site Pipe/Utilities scope. Bypass pumping shall be sized and engineered per the site requirements. Cost shall include the contractor's labor, materials, equipment, and overhead & profit as defined to complete the work.

Compensation Type 1

G96 PHASE 1 - SECONDARY CLARIFIER SPLITTER BOX

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and operation of necessary bypass pumping as needed for installation of the Site Pipe/Utilities scope. Bypass pumping shall be sized and engineered per the site requirements. Cost shall include the contractor's labor, materials, equipment, and overhead & profit as defined to complete the work.

Compensation Type 1

G97 PHASE 1 - 36" RS TIE-IN

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and operation of necessary bypass pumping as needed for installation of the Site Pipe/Utilities scope. Bypass pumping shall be sized and engineered per the site requirements. Cost shall include the contractor's labor, materials, equipment, and overhead & profit as defined to complete the work.

Compensation Type 1

G98 PHASE 1 - TEMPORARY 36" SCE

The price bid shall include full compensation for the labor, equipment, and material to install proposed temporary piping as defined in the contract documents. This includes but is not limited to potholing of existing utilities, manholes, casing, full depth backfill, concrete encasement under structures/slabs/footings/etc., blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H1 PHASE 1 - 36" RCP

The price bid shall include full compensation for the labor, equipment, and material to install proposed RCP as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H2 PHASE 1 - 24" DOUBLE RCP W/RIPRAP @ WEST ENTRANCE

The price bid shall include full compensation for the labor, equipment, and material to install proposed piping, rip rap, toe walls, and end sections as defined in the contract documents. This includes but is not limited to potholing of existing utilities, manholes/boxes, casing, full depth backfill, blocking, haul off, traffic control and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H3 PHASE 1 - 18" DOUBLE RCP @ WEST ENTRANCE

The price bid shall include full compensation for the labor, equipment, and material to install proposed double RCP as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H4 PHASE 1 - 42" RCP

The price bid shall include full compensation for the labor, equipment, and material to install proposed RCP as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H5 PHASE 1 - 45"X29" RCPE PIPE

The price bid shall include full compensation for the labor, equipment, and material to install proposed RCP as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H6 PHASE 1 - TRIPLE BARREL 10'X6' RCB @ TOWN BRANCH CREEK CROSSING

The price bid shall include full compensation for the labor, equipment, and material to install proposed reinforced concrete box culvert as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H7 PHASE 1 - HEAD WALL/SINGLE PIPE

The price bid shall include full compensation for the labor, equipment, and material to install proposed headwall as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing/disinfection of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H8 PHASE 1 - HEAD WALL/DOUBLE PIPE

The price bid shall include full compensation for the labor, equipment, and material to install proposed headwall as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing/disinfection of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H9 PHASE 1 - 6'X6' AREA INLET

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of area inlets as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

H10 PHASE 1 - 6'X6' JUNCTION BOX

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of junction boxes as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

LL10 TEMP NORTH ACCESS DR - TRIPLE BARREL BOX CULVERT SUPPLY & INSTALL

The price bid shall include full compensation for the labor, equipment, and material to install proposed reinforced concrete box culvert as defined in the contract documents. This includes but is not limited to potholing of existing utilities, full depth backfill, blocking, haul off, and testing of the proposed piping as defined in the contract documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ21 BP 10 - YARD PIPING MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ22 BP 10 - YARD PIPING BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

13 Miscellaneous Metals

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities.**

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
E17	PHASE 1 - SITE CONCRETE & MISC. - BOLLARDS SUPPLY	28	EA		
E21	PHASE 1 - SITE CONCRETE & MISC. - MISC METALS	1	LS		
I17	PHASE 1 - INFLUENT STR. - METAL BAR JOISTS W/DECKING (SUPPLY & INSTALL)	1	LS		
I18	PHASE 1 - INFLUENT STR. - MISC. METALS (SUPPLY & INSTALL)	1	LS		
J15	PHASE 1 - INFLUENT ELEC. BLDG - METAL BAR JOISTS W/DECKING (SUPPLY & INSTALL)	1	LS		
J16	PHASE 1 - INFLUENT ELEC. BLDG - MISC. METALS (SUPPLY & INSTALL)	1	LS		
K7	PHASE 1 - PUMPED INFLUENT METER VAULT - MISC. METALS (SUPPLY & INSTALL)	1	LS		
L11	PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - MISC. METALS (SUPPLY & INSTALL)	1	LS		
M7	PHASE 2 - WET WEATHER METER VAULT - MISC. METALS (SUPPLY & INSTALL)	1	LS		
N8	PHASE 1 - ANOXIC BASINS - MISC. METALS (SUPPLY & INSTALL)	1	LS		
O6	PHASE 1 - AERATION BASINS - MISC. METALS (SUPPLY & INSTALL)	1	LS		
P11	PHASE 1 - SURFACE WASTING PS - MISC. METALS (SUPPLY & INSTALL)	1	LS		
Q7	PHASE 1 - SEC CLAR DIST & RAS PS - MISC. METALS (SUPPLY & INSTALL)	1	LS		
R15	PHASE 2 - SEC CLAR NO.1- MISC. METALS (SUPPLY & INSTALL)	1	LS		
T15	PHASE 1 - SEC CLAR NO.3- MISC. METALS (SUPPLY & INSTALL)	1	LS		
U8	PHASE 1 - RAS PS NO.2 - MISC. METALS (SUPPLY & INSTALL)	1	LS		
V7	PHASE 1 - RAS PS NO.2 METER VAULT- MISC. METALS (SUPPLY & INSTALL)	1	LS		

W7	PHASE 1 - WASTING METER VAULT- MISC. METALS (SUPPLY & INSTALL)	1	LS		
Z11	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - MISC. METALS (SUPPLY & INSTALL)	1	LS		
Z22	PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - MONORAIL HOIST SUPPLY & INSTALL	1	LS		
AA16	PHASE 2 - EFF PS & ELEC BLDG. - MISC. METALS (SUPPLY & INSTALL)	1	LS		
AA17	PHASE 2 - EFF PS & ELEC BLDG. - ANTI VORTEX AND FLOOR SPLITTLE Baffles (SUPPLY & INSTALL)	1	LS		
AA22	PHASE 2 - EFF PS & ELEC BLDG. - ROOF HATCHES (SUPPLY & INSTALL)	1	LS		
BB7	PHASE 2 - BLWR BLDG VALVE VAULT- MISC. METALS (SUPPLY & INSTALL)	1	LS		
CC7	PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - MISC. METALS (SUPPLY & INSTALL)	1	LS		
DD7	PHASE 2 - DIG. NO. 4 VALVE VAULT - MISC. METALS (SUPPLY & INSTALL)	1	LS		
EE7	PHASE 2 - DIG. NO. 5 VALVE VAULT - MISC. METALS (SUPPLY & INSTALL)	1	LS		
FF6	PHASE 2 - MAINT. BLDG - MISC METALS (SUPPLY & INSTALL)	1	LS		
II12	PHASE 2 - OPERATIONS BUILDING - MISC METALS (SUPPLY & INSTALL)	1	LS		
II13	PHASE 2 - OPERATIONS BUILDING - STRUCTURAL STEEL, METAL BAR JOISTS W/DECKING (SUPPLY & INSTALL)	1	LS		
OO7	PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - MISC. METALS (SUPPLY & INSTALL)	1	LS		
PP6	PHASE 1 - 8" METER VAULT & RPZ - MISC. METALS (SUPPLY & INSTALL)	1	LS		
SS2	PHASE 1 - SLUDGE THICKENER JUNCTION JOB - MISC. METALS (SUPPLY & INSTALL)	1	LS		
ZZ27	BP 13 - MISC. METALS SUB MOBILIZATION	1	LS		
ZZ28	BP 13 - MISC. METALS SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Methods of Measurement

Bid Package 13 - Miscellaneous Metals

E17 PHASE 1 - SITE CONCRETE & MISC. - BOLLARDS SUPPLY

The price bid shall include full compensation for supplying the pipe bollards as defined in the contract documents. Installation of the pipe bollards will be within the scope of bid package 007. Cost shall include the contractor's material, and overhead and profit as defined to complete the work.

Compensation Type 1

E21 PHASE 1 - SITE CONCRETE & MISC. - MISC METALS

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I17 PHASE 1 - INFLUENT STR. - METAL BAR JOISTS W/DECKING (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the structural steel, metal bar joist and decking as defined in the contract documents. Bidders are responsible for all necessary fabrication, welding, AIS documentation, coordination with other trades, and engineering (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

I18 PHASE 1 - INFLUENT STR. - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J15 PHASE 1 - INFLUENT ELEC. BLDG - METAL BAR JOISTS W/DECKING (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the structural steel, metal bar joist and decking as defined in the contract documents. Bidders are responsible for all necessary fabrication, welding, AIS documentation, coordination with other trades, and engineering (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

J16 PHASE 1 - INFLUENT ELEC. BLDG - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

K7 PHASE 1 - PUMPED INFLUENT METER VAULT - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

L11 PHASE 1 - LIFT STATION NO.4 VLV VAULT & WETWELL - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

M7 PHASE 2 - WET WEATHER METER VAULT - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

N8 PHASE 1 - ANOXIC BASINS - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

O6 PHASE 1 - AERATION BASINS - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

P11 PHASE 1 - SURFACE WASTING PS - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Q7 PHASE 1 - SEC CLAR DIST & RAS PS - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

R15 PHASE 2 - SEC CLAR NO.1- MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

T15 PHASE 1 - SEC CLAR NO.3- MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

U8 PHASE 1 - RAS PS NO.2 - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

V7 PHASE 1 - RAS PS NO.2 METER VAULT- MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

W7 PHASE 1 - WASTING METER VAULT- MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z11 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

Z22 PHASE 2 - TER. TRTMNT, UV, POST AERATION, P FLUME - MONORAIL HOIST SUPPLY & INSTALL

The price bid shall include full compensation for the supply of the monorail hoist equipment as defined in the contract documents. The scope of supply shall include all associated equipment to complete the system. Contractor shall coordinate with other trades and scopes to ensure all required utilities for service and operation are installed at the proper location. Contractor shall be responsible for all testing and startup as required by the contract documents. Cost shall include but not be limited to the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

AA16 PHASE 2 - EFF PS & ELEC BLDG. - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA17 PHASE 2 - EFF PS & ELEC BLDG. - ANTI VORTEX AND FLOOR SPLITTLER BAFFLES (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of the metal anti vortex baffle system as defined in the contract documents. Bidder shall be responsible for items including, but limited to, anchors, adhesives, lubricants, fabrication, welding, AIS documentation and engineered design documents. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

AA22 PHASE 2 - EFF PS & ELEC BLDG. - ROOF HATCHES (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material to supply and install the roof hatches as defined in the contract documents. The scope of supply shall include but is not limited to all associated components to complete the system including fasteners, lubricants, touch up paint (to be installed by the bidder if necessary), sealants, flashings, curbs, AIS documentation, and engineered design documents. Cost shall include but not be limited to the supplier's labor, engineering costs, freight, overhead and profit as defined to complete the scope of supply.

Compensation Type 1

BB7 PHASE 2 - BLWR BLDG VALVE VAULT- MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

CC7 PHASE 2 - DIG. NO. 4 & 5 VALVE VAULT - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

DD7 PHASE 2 - DIG. NO. 4 VALVE VAULT - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

EE7 PHASE 2 - DIG. NO. 5 VALVE VAULT - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

FF6 PHASE 2 - MAINT. BLDG - MISC METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II12 PHASE 2 - OPERATIONS BUILDING - MISC METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II13 PHASE 2 - OPERATIONS BUILDING - STRUCTURAL STEEL, METAL BAR JOISTS W/DECKING (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the structural steel, metal bar joist and decking as defined in the contract documents. Bidders are responsible for all necessary fabrication, welding, AIS documentation, coordination with other trades, and engineering (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

OO7 PHASE 1 - EX. RAS PS NO. 1 METER VAULT NO.1 & NO.2 - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

PP6 PHASE 1 - 8" METER VAULT & RPZ - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

SS2 PHASE 1 - SLUDGE THICKENER JUNCTION JOB - MISC. METALS (SUPPLY & INSTALL)

The price bid shall include full compensation for the labor, equipment, and material for supply and installation of the miscellaneous metals as defined in the contract documents. Cost shall include, but is not limited to, hardware, adhesives, anchors, hatches, ladders, handrails, embeds, lubricants, equipment, AIS documentation, engineering efforts (if required), and coordination with other trades. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ27 BP 13 - MISC. METALS SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ28 BP 13 - MISC. METALS SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

14 Glass & Glazing

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities. **

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
J33	PHASE 1 - INFLUENT BLDG - GLASS AND GLAZING	1	LS		
FF9	PHASE 2 - MAINT. BLDG - GLASS AND GLAZING	1	LS		
II25	PHASE 2 - OPERATIONS BUILDING - GLASS AND GLAZING	1	LS		
ZZ29	BP 14 - GLASS & GLAZING MOBILIZATION	1	LS		
ZZ30	BP 14 - GLASS & GLAZING BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Methods of Measurement

Bid Package 14 - Glass & Glazing

J33 PHASE 1 - INFLUENT BLDG - GLASS AND GLAZING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of glass & glazing including storefronts as defined in the contract documents. Bidders shall include all items for a complete system which may include, but is not limited to, fasteners, anchors, sealants, subsills, caulking, flashing, touch up paint (to be installed by the bidder), AIS documentation, and engineered design documents (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

FF9 PHASE 2 - MAINT. BLDG - GLASS AND GLAZING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of glass & glazing including storefronts as defined in the contract documents. Bidders shall include all items for a complete system which may include, but is not limited to, fasteners, anchors, sealants, subsills, caulking, flashing, touch up paint (to be installed by the bidder), AIS documentation, and engineered design documents (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II25 PHASE 2 - OPERATIONS BUILDING - GLASS AND GLAZING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of glass & glazing including storefronts as defined in the contract documents. Bidders shall include all items for a complete system which may include, but is not limited to, fasteners, anchors, sealants, subsills, caulking, flashing, touch up paint (to be installed by the bidder), AIS documentation, and engineered design documents (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ29 BP 14 - GLASS & GLAZING MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ30 BP 14 - GLASS & GLAZING BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1

Exhibit A.1 Detailed Price Bid Form(s):

19 Light Framing & Misc.

** Provided quantities are for reference only. Unit Price and Extended Price shall reflect bidder's generated quantities.**

Bid Item No.	Bid Package Description	Quantity	UOM	Unit Price	Extended Price
FF10	PHASE 2 - MAIN. BLD. - SUSPENDED CEILING	1	LS		
FF23	PHASE 2 - MAIN BLD. - FRAMING/INSULATION/SHEETROCK/EXTERIOR SHEATHING	1	LS		
II16	PHASE 2 - OPERATIONS BUILDING - FRAMING/INSULATION/SHEETROCK/EXTERIOR SHEATHING	1	LS		
II17	PHASE 2 - OPERATIONS BUILDING - FIRE STOPPING SEALANT AND PENETRATIONS	1	LS		
II26	PHASE 2 - OPERATIONS BUILDING - SUSPENDED CEILING	1	LS		
ZZ39	BP 19 - LIGHT FRAMING & MISC SUB MOBILIZATION	1	LS		
ZZ40	BP 19 - LIGHT FRAMING & MISC SUB BONDING	1	LS		
				Bid Package Total:	

The Total Firm Lump Sum Price stated above includes the cost of all the Work which is required or implied by the RFP documents, or which may be inferred therefrom, and which is customarily provided in furnishing a complete and finished work of its kind. Further, any and all alterations, modifications, and adjustments to the Work, which are reasonably foreseeable or customarily encountered in providing and installing equipment, material, and services of the kind required by the resultant Subcontract, will be performed without additional compensation.

Performance and Payment Bond

Insert Cost for Separate Performance and Payment Bonds valued at 100% of the Bid Package Total Above:

\$ _____

Methods of Measurement

Bid Package 19 - Light Framing & Misc.

FF10 PHASE 2 - MAIN. BLD. - SUSPENDED CEILING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of suspended ceiling as defined in the contract documents. Bid item includes, but is not limited to, coordination with other trades, cleanup & disposal of construction debris, mock ups (if required), samples (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

FF23 PHASE 2 - MAIN BLD. - FRAMING/INSULATION/SHEETROCK/EXTERIOR SHEATHING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of miscellaneous framing including metal studs, insulation, wood fascia, backing, drywall (including mud/tape/texture/finish), exterior/interior sheathing and insulation as defined in the contract documents. Bid item includes coordination with other trades, cleanup & disposal of construction debris, mock ups (if required), samples (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II16 PHASE 2 - OPERATIONS BUILDING - FRAMING/INSULATION/SHEETROCK/EXTERIOR SHEATHING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of miscellaneous framing including metal studs, insulation, wood fascia, backing, drywall (including mud/tape/texture/finish), exterior/interior sheathing and insulation as defined in the contract documents. Bid item includes coordination with other trades, cleanup & disposal of construction debris, mock ups (if required), samples (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II17 PHASE 2 - OPERATIONS BUILDING - FIRE STOPPING SEALANT AND PENETRATIONS

The price bid shall include full compensation for the labor, equipment, and material for the installation of fire stopping at penetrations as defined in the contract documents. Bidder shall provide data sheets of each type of U.L. assembly used for each penetration location where fire stopping is required. Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

II26 PHASE 2 - OPERATIONS BUILDING - SUSPENDED CEILING

The price bid shall include full compensation for the labor, equipment, and material for the furnishing and installation of suspended ceiling as defined in the contract documents. Bid item includes, but is not limited to, coordination with other trades, cleanup & disposal of construction debris, mock ups (if required), samples (if required). Cost shall include the contractor's labor, material, equipment, and overhead and profit as defined to complete the work.

Compensation Type 1

ZZ39 BP 19 - LIGHT FRAMING & MISC SUB MOBILIZATION

Mobilization shall be included within the bid items as seen fit by the bidding subcontractor. Additional mobilizations shall be included as seen fit to perform the work unless specifically stated within the individual bid package's methods of measurement. The price bid shall include full compensation for mobilization as part of the overall scope of the bid package. Mobilization shall not exceed 5% of the total bid package. No more than 75% of the total mobilization cost shall be billed with the first pay application. The remaining 25% of the total mobilization cost shall be billed at 90% completion of the work to compensate for the demobilization of equipment.

Compensation Type 1

ZZ40 BP 19 - LIGHT FRAMING & MISC SUB BONDING

The price shall cover the cost for separate Performance and Payment Bonds valued at 100% of the Bid Package Total.

Compensation Type 1