

PROJECT CLYDESDALE

CYL-HUB @ CLYDESDALE SITE

95% DESIGN

09/26/25

TULSA COUNTY, OK

Project # KHA060057900

PROJECT INFORMATION

NO. OF BUILDINGS: 1
 ZONING: IL-PUD INDUSTRIAL LIGHT, AG-PUD AGRICULTURE (RESERVE C)

THE AREAS OF THE SUBJECT PROPERTIES ARE AS FOLLOWS:

BLOCK 1, LOT 1 =	43.20 ACRES
BLOCK 1, LOT 2 =	8.44 ACRES
BLOCK 1, LOT 3 =	24.46 ACRES
BLOCK 1, LOT 4 =	33.28 ACRES
BLOCK 1, LOT 5 =	159.43 ACRES
RESERVE A =	131.35 ACRES
RESERVE B =	43.04 ACRES
RESERVE C =	62.72 ACRES

TOTAL = 505.92 ACRES

THE AREA OF THE LIMIT OF DISTURBANCE (LOD) ARE AS FOLLOWS:
 LIMIT OF DISTURBANCE = ±4.06 ACRES

UTILITY NOTE

KIMLEY-HORN AND ASSOCIATES TAKES NO RESPONSIBILITY FOR EXISTING UTILITIES SHOWN HEREIN. THE EXISTING UTILITIES SHOWN ARE BASED ON INFORMATION PROVIDED BY OTHER PARTIES. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE AND VERIFY THE LOCATIONS AND INVERTS OF THE EXISTING UTILITIES WITHIN THE VICINITY OF CONSTRUCTION ACTIVITIES. IF A CONFLICT IS FOUND TO EXIST, THE CONTRACTOR SHALL COORDINATE WITH THE PROJECT ENGINEER, PROJECT ARCHITECT(S), AND THE OWNER IMMEDIATELY.

FEMA FLOOD HAZARD NOTE

THE SUBJECT PROPERTY LIES WITHIN OTHER FLOOD AREAS ZONE X, WHICH ARE AREAS DETERMINED TO BE WITHIN THE 0.2% ANNUAL CHANCE FLOODPLAIN; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD PER FLOOD INSURANCE RATE MAP NO. 15055C0450E, DATED MAY 03, 2011. THE BASE FLOOD ELEVATIONS VARIES FROM 611'± TO 631'±.

ENGINEERS STATEMENT

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH ACCEPTED ENGINEERING PROCEDURES AND GUIDELINES, AND ARE IN SUBSTANTIAL COMPLIANCE WITH APPLICABLE STATE AND CITY ORDINANCES AND STANDARDS. IN THE EVENT OF A CONFLICT BETWEEN ANY PORTION OF THESE PLANS, STATE AND CITY STANDARDS, THE STANDARDS SHALL APPLY.

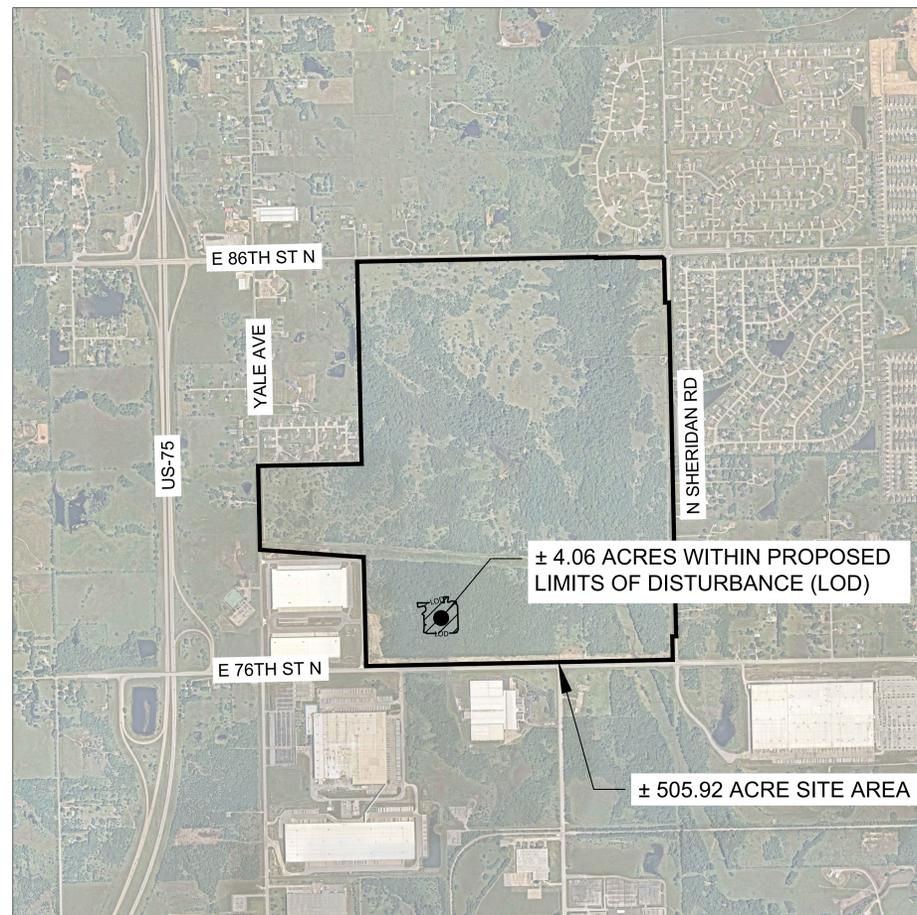
SURVEY NOTES

SURVEY PREPARED BY GEODECA, LLC, AND DATED 04/24/2024.

GEOTECHNICAL NOTES

ALL EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SITE GEOTECHNICAL REPORT PREPARED BY TERRACON IN SEPTEMBER 2025.

GROUND IMPROVEMENT AREAS DEPICTED ARE BASED ON DISCUSSIONS WITH GEOTECHNICAL AND OWNER TEAMS. FINAL CONFIRMATION FOR IMPROVEMENT DESIGN SHALL BE DETERMINED BY GEOTECHNICAL ENGINEERS AND OWNERSHIP TEAM.



VICINITY MAP
 SCALE: 1" = 2000'

SHEET LIST TABLE	
Sheet Number	Sheet Title
G-0001	COVER SHEET
G-0002	GENERAL NOTES
G-0003	LEGEND AND ABBREVIATIONS
C-1000	EXISTING CONDITIONS
C-2000	PAVING PLAN
C-2001	PAVING DETAILS
C-2002	PAVING DETAILS
C-2200	DIMENSION CONTROL PLAN
C-2300	AUTOTURN PLAN
C-3000	GRADING PLAN
C-3200	DRAINAGE AREA MAP
C-3300	STORM SEWER PLAN
C-3400	STORM PROFILES
C-3401	STORM PROFILES
C-3500	STORM DETAILS
C-3700	EROSION CONTROL
C-3701	EROSION CONTROL DETAILS
C-5100	SANITARY SEWER PLAN
C-5200	SANITARY SEWER PROFILES
C-5500	SANITARY SEWER DETAILS
C-5501	SANITARY SEWER DETAILS
C-6100	WATER PLAN
C-6200	WATER PROFILES
C-6201	WATER PROFILES
C-6500	WATER DETAILS
C-7000	MISCELLANEOUS UTILITIES - TELECOM
C-7100	MISCELLANEOUS UTILITIES - TELECOM PROFILES

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 INFORMATION ACT

THESE DRAWINGS ARE A 95% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.

ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL-HUB - 95% CIVIL PLANS
 (NOT FOR CONSTRUCTION)
 2025-09-26**

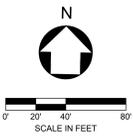
REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

DRAWN: CYL-HUB
 APPRVD:
 PROJECT ADDRESS: CONFIDENTIAL
 PROJ. NO.: 060057900

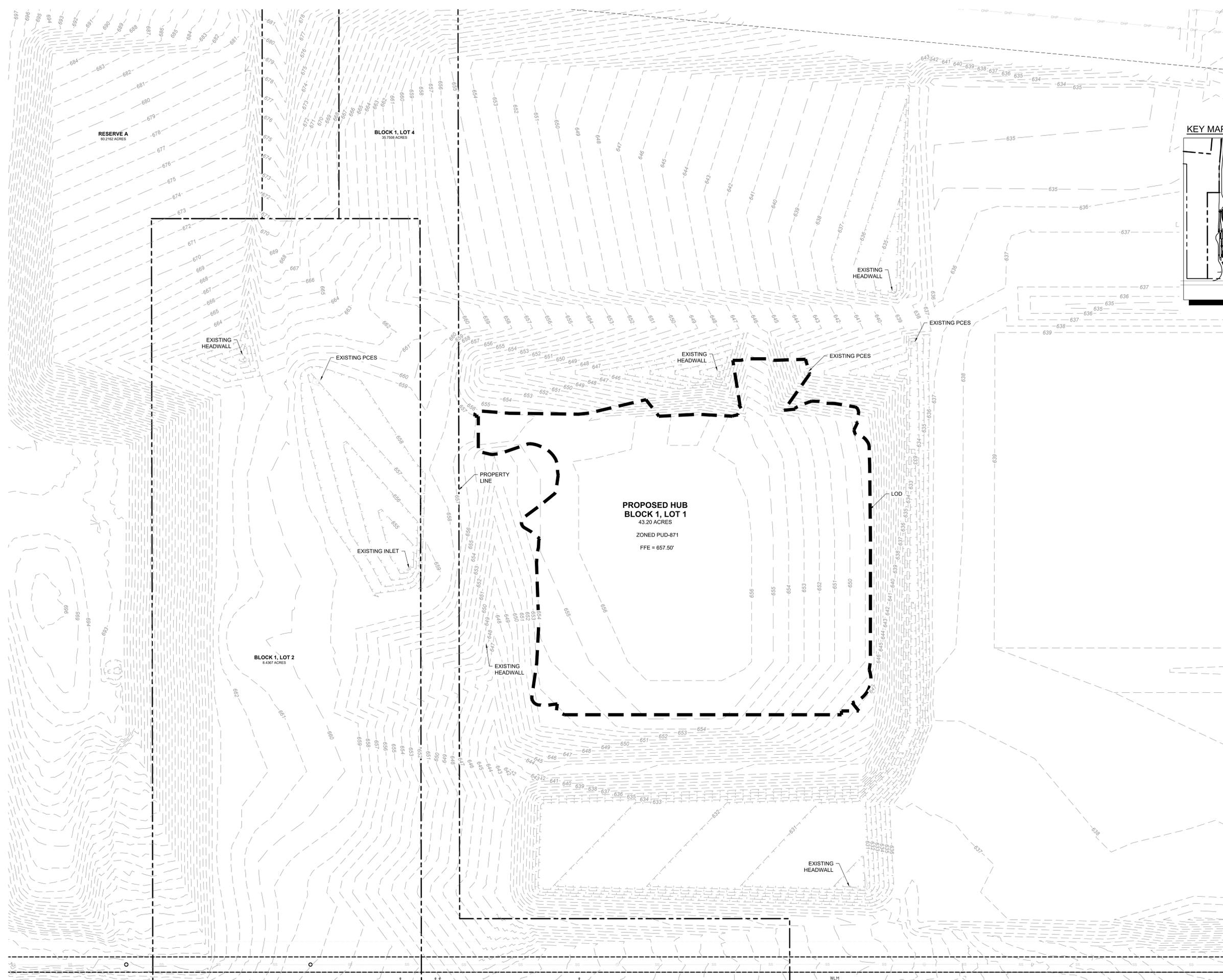
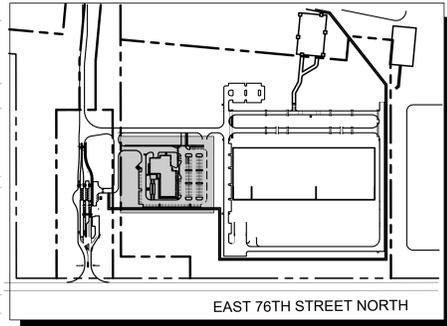
COVER SHEET
 SCALE: AS SHOWN

SHEET NUMBER:
G-0001
 PAPER SIZE: E (36"x48")
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KEY MAP



Know what's below.
Call before you dig.



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ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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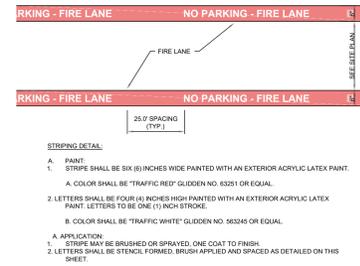
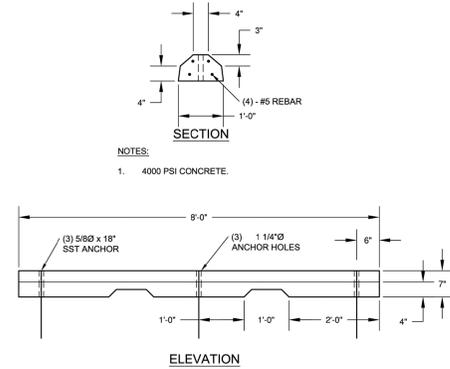
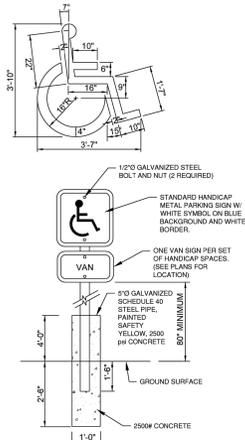
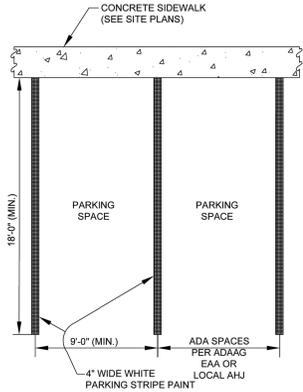
**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS	
NO.	DATE
1	2025/07/07
2	2025/08/11
3	2025/09/26

DRAWN: CYL-HUB
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

EXISTING CONDITIONS
SCALE: AS SHOWN

SHEET NUMBER:
C-1000
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



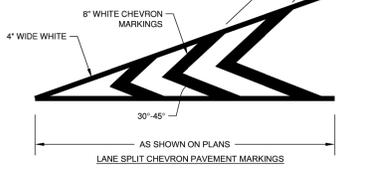
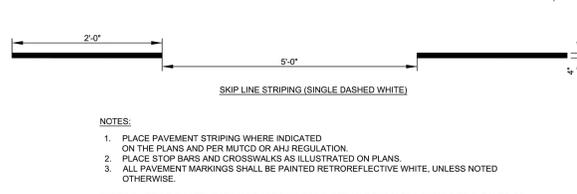
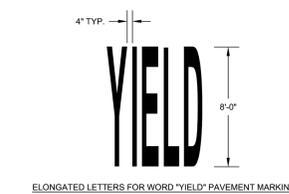
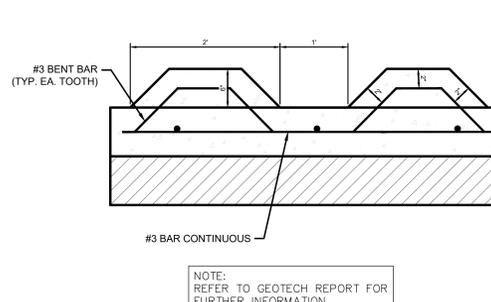
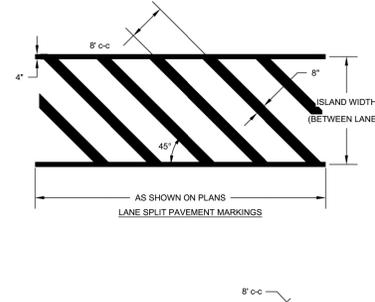
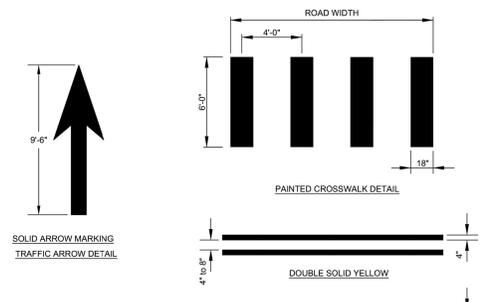
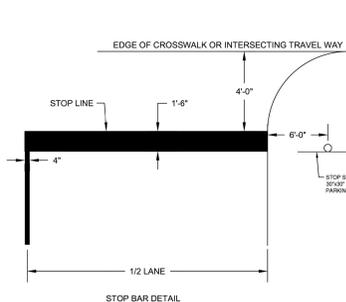
1 VEHICLE SPACE MARKING
NTS

2 CONCRETE WHEELSTOP
NTS

3 PAINTED FIRE LANE STRIPING
NTS

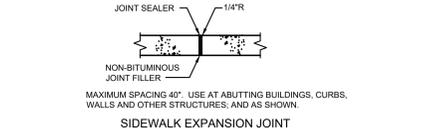
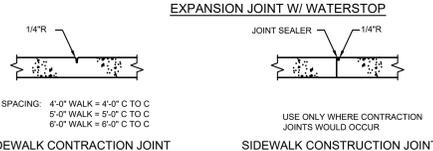
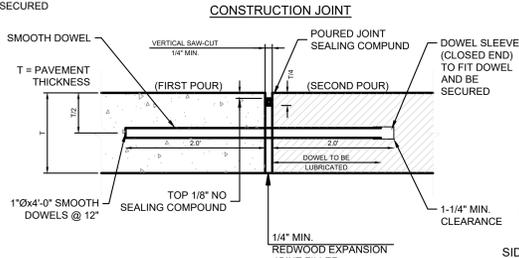
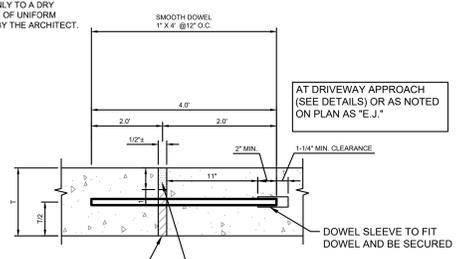
4 STANDARD CURB AND GUTTER
NTS

DETAILS SHOWN ARE FOR REFERENCE AND WILL REQUIRE LOCAL ADAPTATIONS PER AHJ



- NOTES:
1. PLACE PAVEMENT STRIPING WHERE INDICATED ON THE PLANS AND PER MUTCD OR AHJ REGULATION.
 2. PLACE STOP BARS AND CROSSWALKS AS ILLUSTRATED ON PLANS.
 3. ALL PAVEMENT MARKINGS SHALL BE PAINTED RETROREFLECTIVE WHITE, UNLESS NOTED OTHERWISE.
- STRIPING: PRIOR TO APPLICATION OF STRIPING PAINT, ASPHALT SURFACES SHOULD BE CLEANED OF MATERIAL THAT WOULD PREVENT ADHERENCE OF PAINT. PAINT SHALL BE APPLIED ONLY TO A DRY SURFACE USING EITHER TEMPLATE OF STRIPING MACHINE; STRIPES SHALL BE 4\"/>

5 PAVEMENT MARKING STANDARDS
NTS



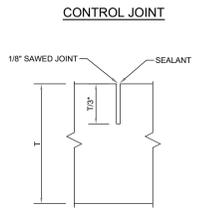
- NOTE: DOWEL SUPPORT SHALL BE OF A METHOD APPROVED BY ENGINEER.
- NOTE: REFER TO GEOTECH REPORT FOR FURTHER INFORMATION.

- NOTE:
1. DOWELS SHALL BE SUPPORTED BY AN APPROVED DEVICE.
 2. TO BE USED BETWEEN NEW AND RECENTLY COMPLETED POURS.
 3. SEE EXPANSION JOINT DETAIL FOR SMOOTH DOWEL SIZE AND LENGTH.

8 JOINTS
NTS



7 EXTENDED CURB DETAIL
NTS



- NOTES:
1. CONTROL JOINTS SHALL BE SPACED AT MAX. OF 15'-0\"/>
 - 2. JOINT DEPTH = 2 1/2\"/>
 - 3. CONTRACTOR TO SUBMIT JOINT LAYOUT PLAN TO ENGINEER FOR REVIEW & APPROVAL.

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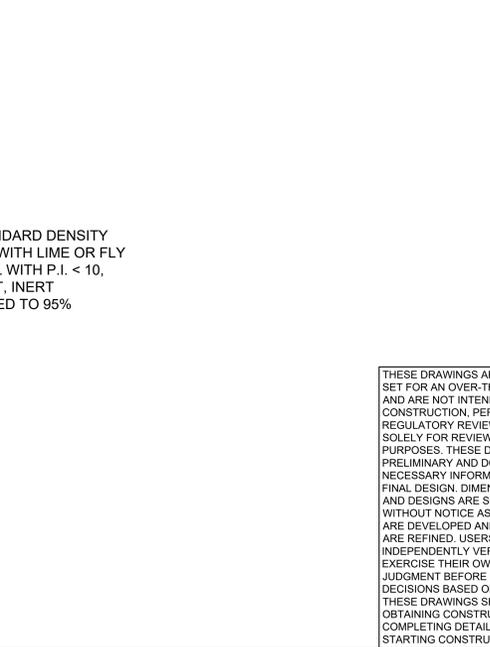
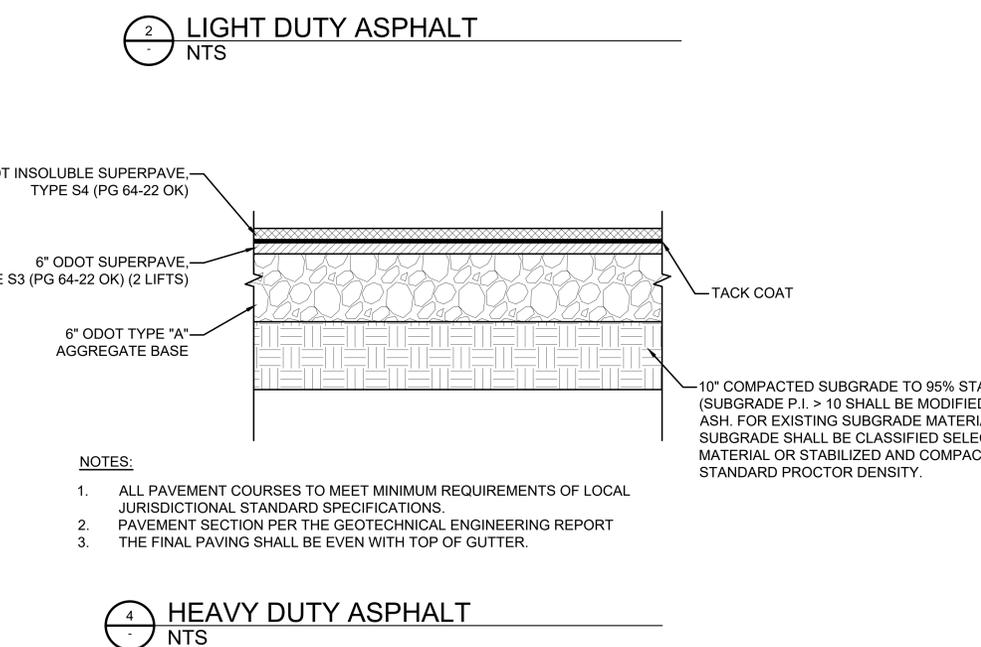
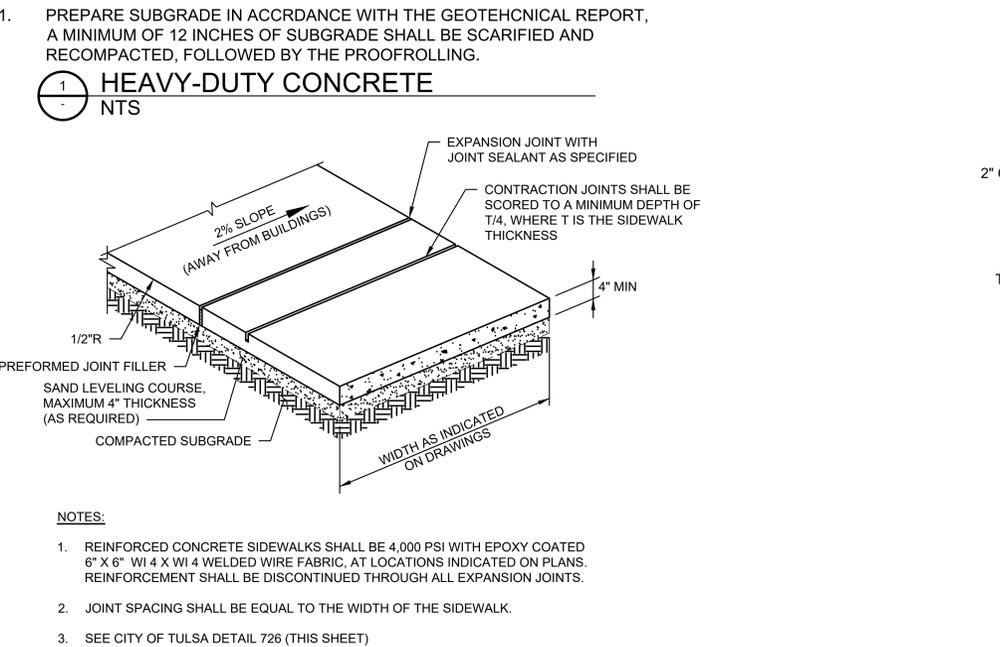
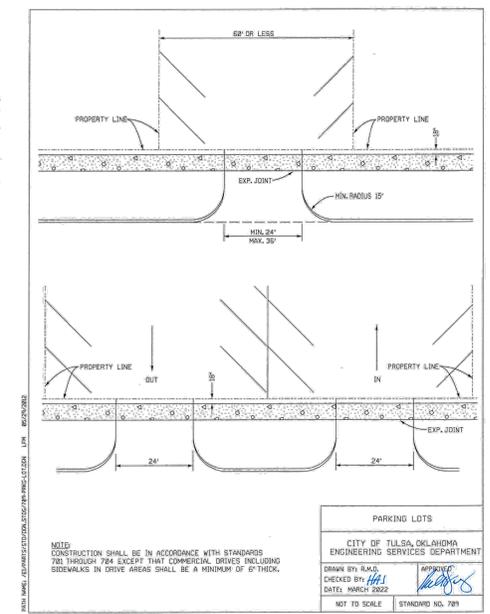
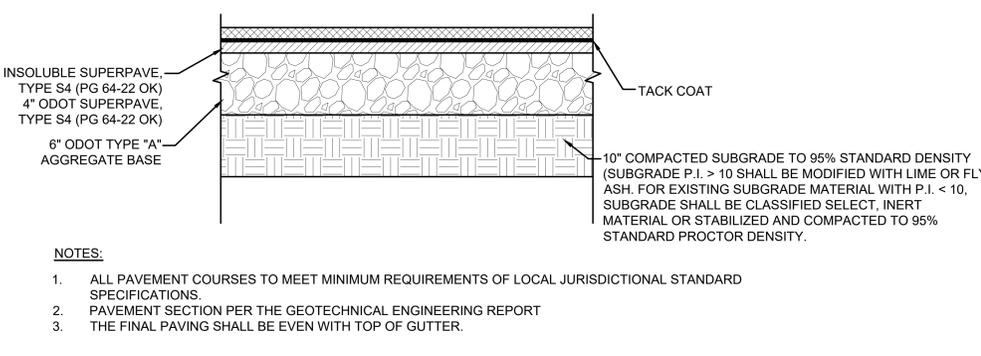
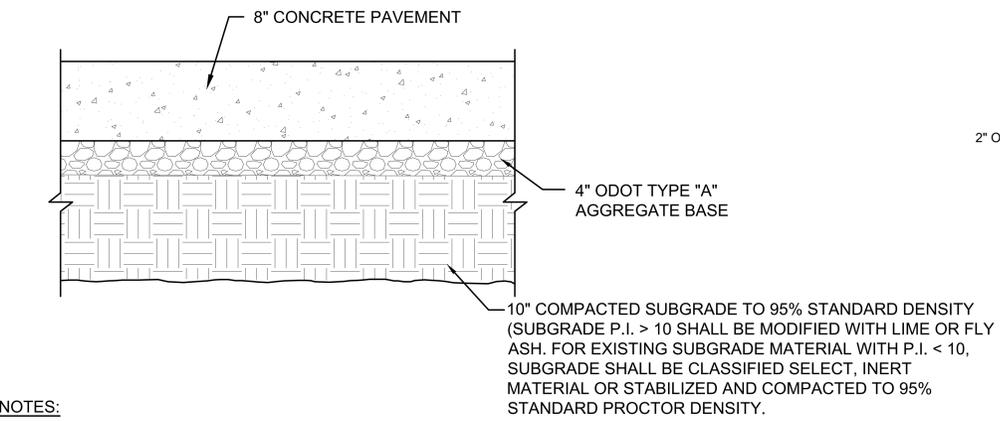
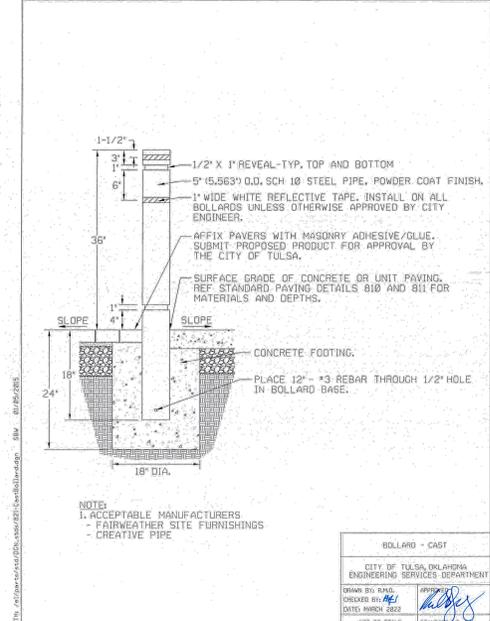
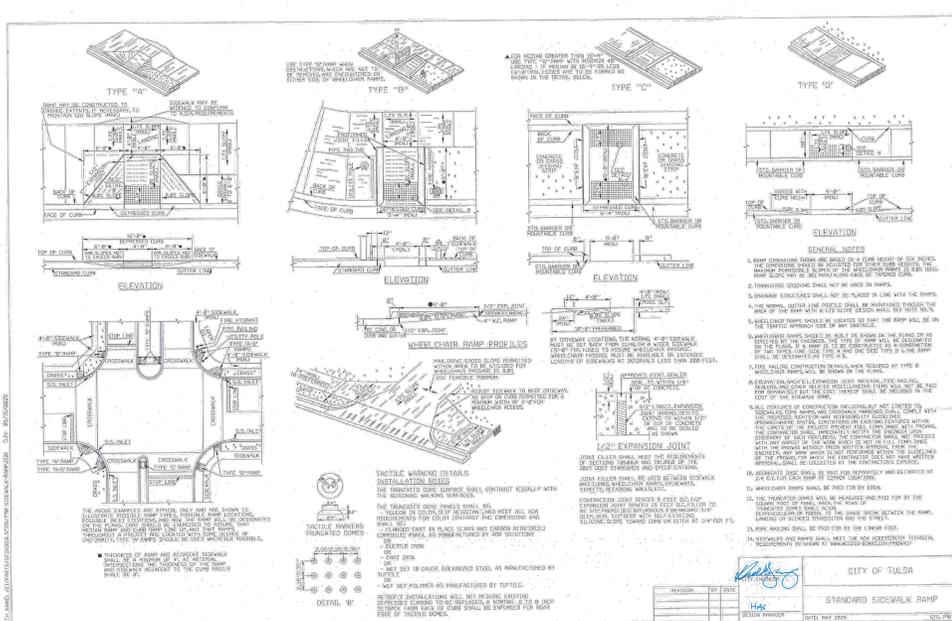
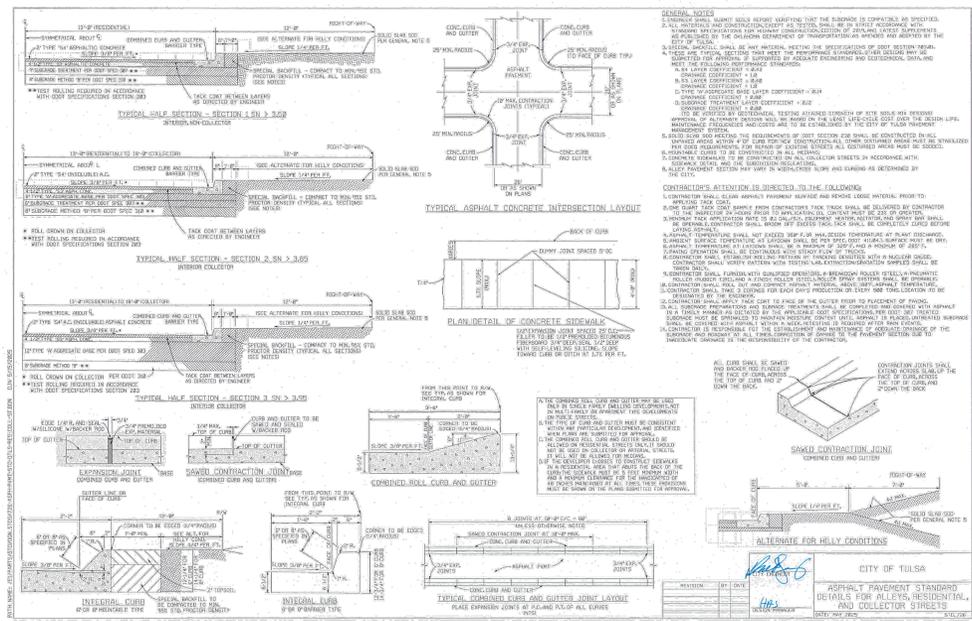
REVISIONS	
NO.	DATE
1	2025/07/07
2	2025/08/11
3	2025/09/26

DRAWN: CYL-HUB
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

PAVING DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
C-2001
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN

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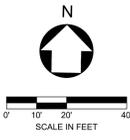
ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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PROJECT ADDRESS: CONFIDENTIAL
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PAVING DETAILS	SHEET NUMBER: C-2002
SCALE: AS SHOWN	PAPER SIZE: E (36"x48") PHASE: 95% DESIGN



- KEY MAP**
- (A) EV CHARGING STATION
 - (B) SITE LIGHTING (TYP.), SEE ELECTRICAL PLANS
 - (C) 9'x18' PARKING SPACES (SEE 1/C-2001 TYP.)
 - (D) ACCESSIBLE (ADA) COMPLIANT CURB RAMP WITH TACTILE WARNING DEVICE (C-2002)
 - (E) STRIPED CROSS WALK (SEE 5/C-2001)
 - (F) STANDARD CURB & GUTTER (SEE 4/C-2001)
 - (G) ADA PARKING SIGN (SEE 1/C-2001)
 - (H) PROPOSED FIRE LANE (C-2002)
 - (I) 6" SAWTOOTH CURBS & 18" EXTENDED CURBS (SEE 6/C-2001 & 7/C-2001)
- FL — PROPOSED FIRE LANE
 ○ PROPOSED LIGHT POLE
 TYP TYPICAL

- GENERAL NOTES**
1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED. PERIMETER WALL DIMENSIONS ARE TO OUTSIDE WALL FACE. REFER TO ARCHITECTURAL PLANS FOR EXACT WALL WIDTH AND SPECIFICATIONS.
 2. REFER TO ARCHITECTURAL PLANS (BY OTHERS) FOR EXACT BUILDING DIMENSIONS, SCREENING WALL COLUMN DIMENSIONS AND MATERIALS SPECIFICATIONS.
 3. MECHANICAL EQUIPMENT PADS LOCATION SPECIFIED PER THIS PLAN. REFER TO M.E.P. PLANS (BY OTHERS) FOR MECHANICAL EQUIPMENT DIMENSIONS AND SPECIFICATIONS.
 4. CONTRACTOR SHALL REFER TO STRUCTURAL PLANS (BY OTHERS) FOR MECHANICAL EQUIPMENT PAD AND SCREENING WALL FOUNDATION AND PAD PREPARATION SPECIFICATIONS.
 5. CONTRACTOR SHALL REFER TO PAVING DETAILS PLAN FOR PAVEMENT SECTIONS.
 6. CONTRACTOR SHALL RESTORE ALL DAMAGED AREAS DURING CONSTRUCTION TO PRE-CONSTRUCTION CONDITIONS.
 7. ALL RADII NOT DIMENSIONED SHOULD BE ASSUMED TO HAVE A RADIUS OF 3.
 8. REFERENCE LANDSCAPE AND HARDSCAPE PLANS FOR PAVERS, CROSSWALKS, AND SIDEWALK DETAILS.
 9. REFERENCE ARCHITECTURAL PLAN FOR ELECTRICAL PLAN FOR SITE ILLUMINATION PLAN.
 10. REFERENCE ARCHITECTURAL PLAN FOR BOLLARD LOCATIONS.

NOTES

ALL EXISTING AND PROPOSED SIDEWALKS, BARRIER FREE RAMPS, HANDICAP PARKING, DRIVEWAY CROSSWALKS, DRIVEWAYS AND ACCESSIBLE ROUTES SHALL COMPLY WITH A.D.A., T.A.S. AND TULSA COUNTY REQUIREMENTS. EXISTING INFRASTRUCTURE NOT COMPLYING SHALL BE REMOVED AND REPLACED TO MEET STANDARDS. ALL BARRIER FREE RAMPS SHALL BE FIT WITH DETECTABLE WARNING SURFACE TILES COLORED SAFETY YELLOW.

DETAILED LANDSCAPE PLANS TO BE INCLUDED IN ISSUE FOR CONSTRUCTION PLANS.

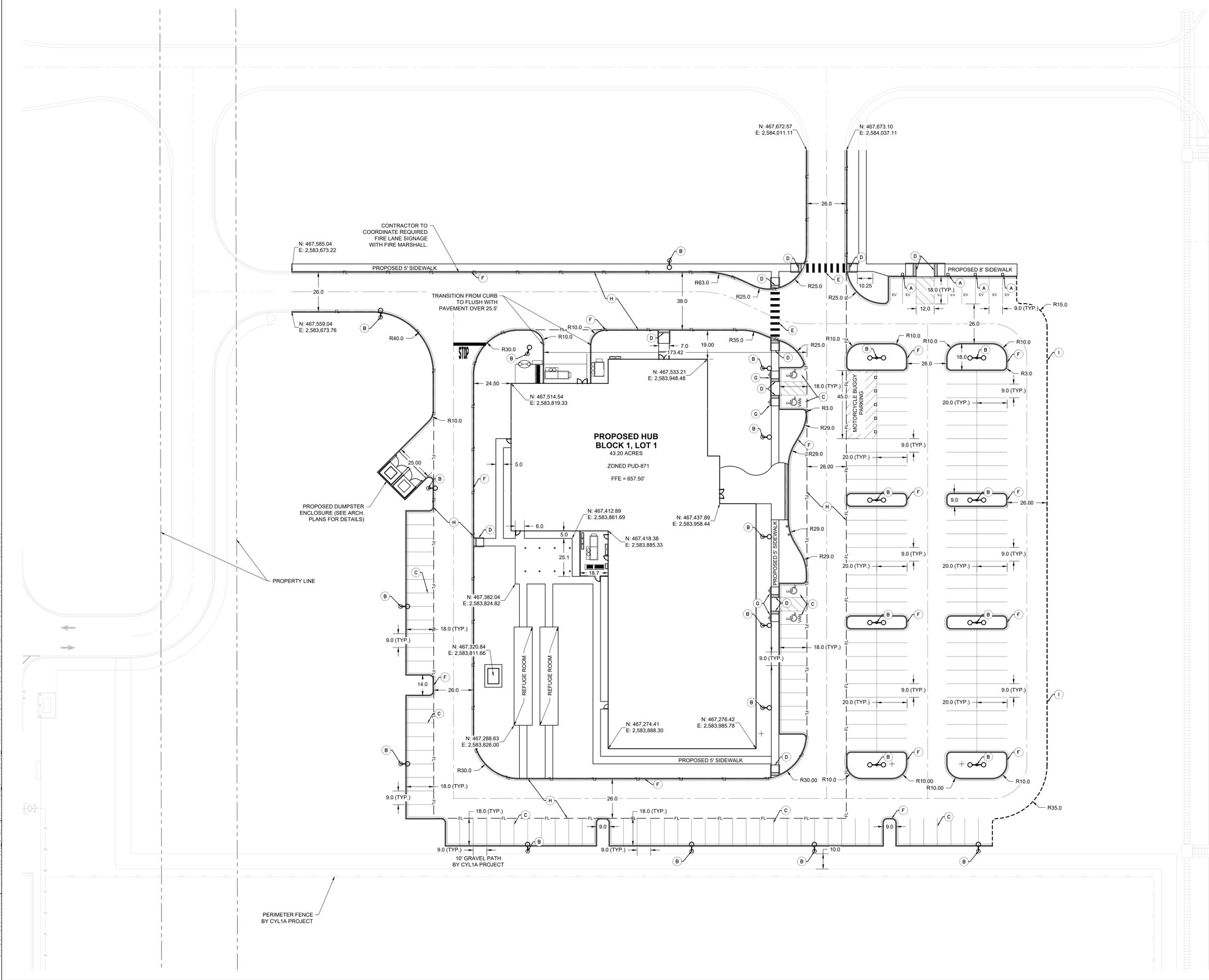


Know what's below.
Call before you dig.



CAUTION
EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO ANY TRENCHING OR EXCAVATION.

THESE DRAWINGS ARE A 95% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.



C:\ACC\ACCDCS\Kimley-Horn\060057900_CYL1\Project Files\03_Production\DWGS\CYL-HUB-C-2200 DIMENSION CONTROL PLAN 7/14/2025 2:09 PM

ARCHITECTURE:
DLR Group
51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

STRUCTURE:
DLR Group
51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

MEP:
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Seattle, WA 98101
Ph. (206) 461-6000

CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

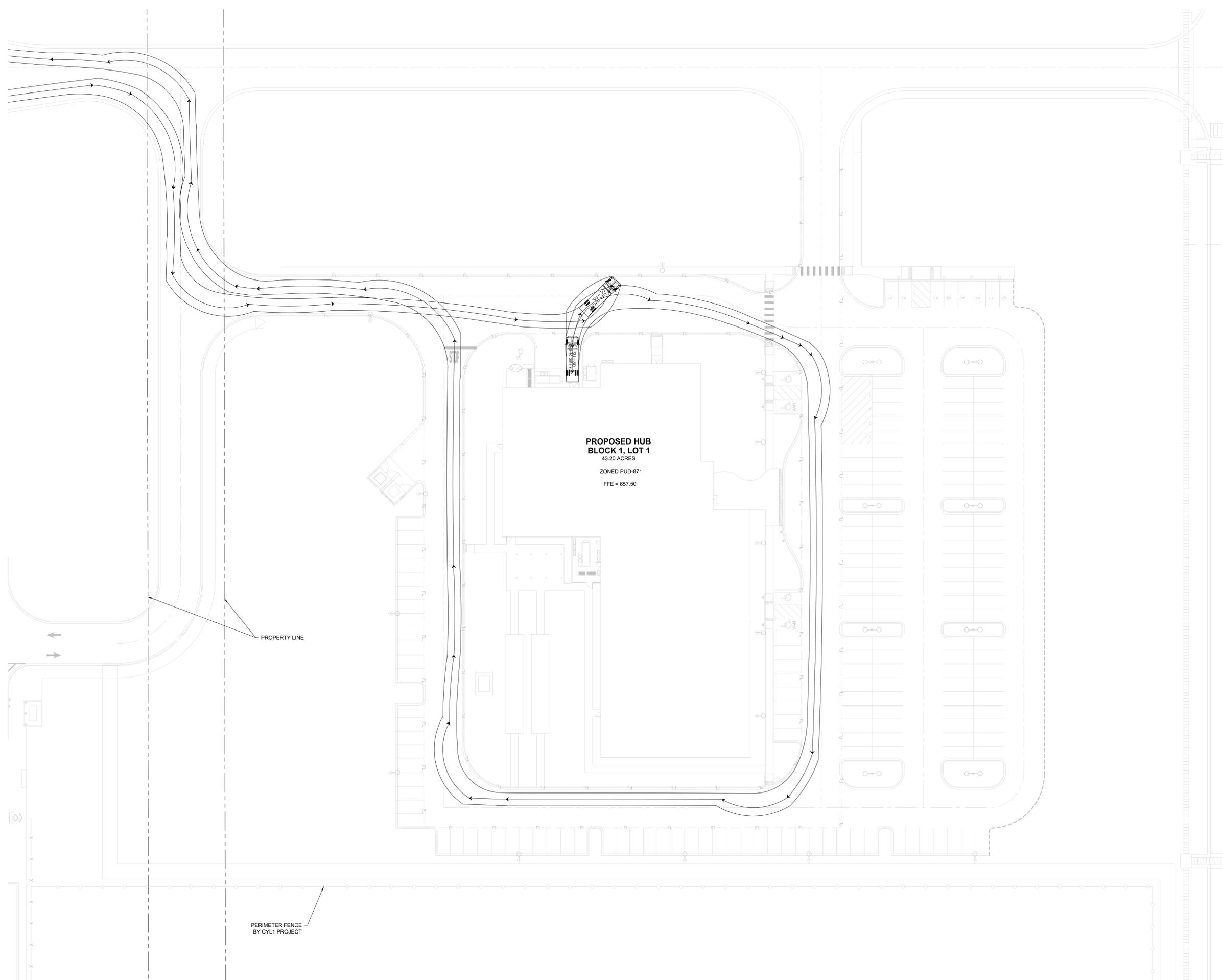
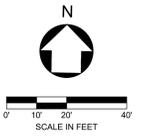
**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

DRAWN: CYL-HUB
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

DIMENSION CONTROL PLAN
SCALE: AS SHOWN

SHEET NUMBER:
C-2200
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



**PROPOSED HUB
BLOCK 1, LOT 1**
43.20 ACRES
ZONED PUD-871
FFE = 657.50'

PROPERTY LINE

PERIMETER FENCE
BY CYL-1 PROJECT



**Know what's below.
Call before you dig.**



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C:\ACC\ACCDocs\Kimley-Horn\060057900_CYL\Project Files\00_Civil\HUB\03_Production\DWGS\CYL-HUB-C-2300_AUTOTURN_PLAN_7/14/2025_2:50 PM

ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

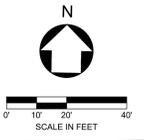
REVISIONS	
NO.	DATE
1	2025/07/07
2	2025/08/11
3	2025/09/26

DRAWN:
APPR'VD:

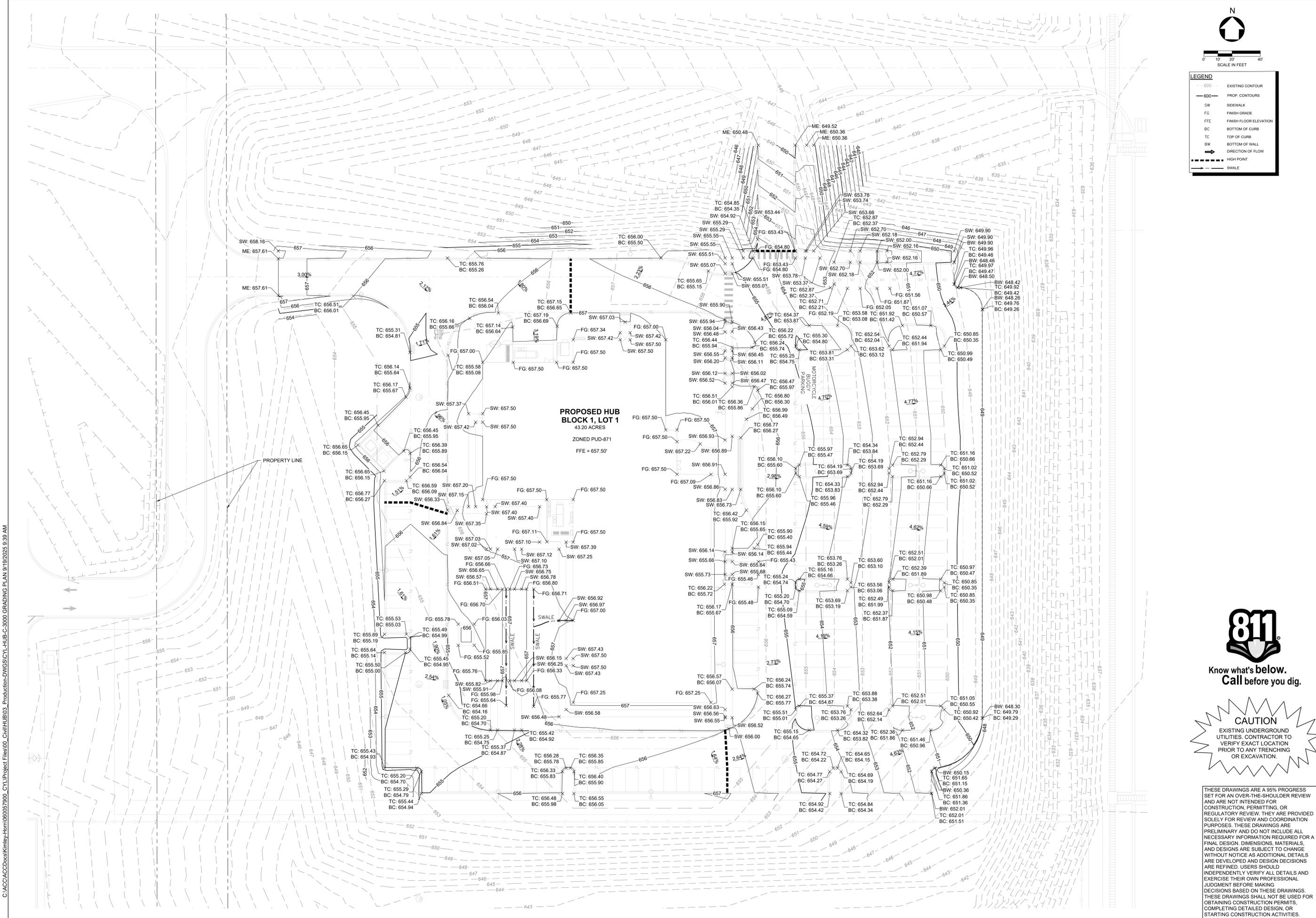
CYL-HUB
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

AUTOTURN PLAN
SCALE: AS SHOWN

SHEET NUMBER:
C-2300
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



LEGEND	
---	EXISTING CONTOUR
---	PROP. CONTOURS
SW	SIDEWALK
FG	FINISH GRADE
FFE	FINISH FLOOR ELEVATION
BC	BOTTOM OF CURB
TC	TOP OF CURB
BW	BOTTOM OF WALL
→	DIRECTION OF FLOW
•	HIGH POINT
---	SWALE



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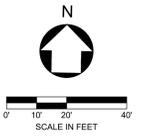
ARCHITECTURE:	STRUCTURE:	MEP:	CIVIL:
DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868

**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

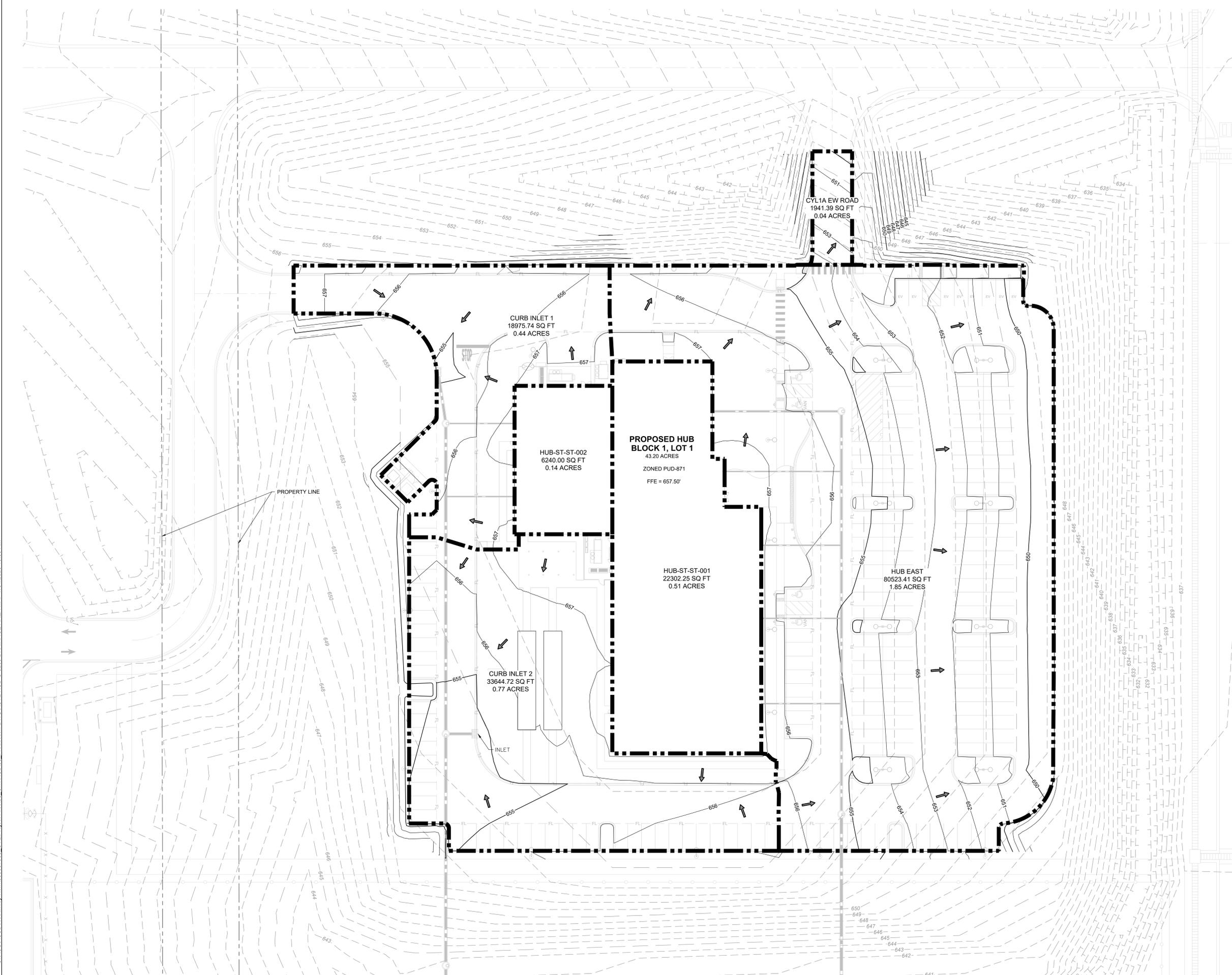
DRAWN:	CYL-HUB
APPR'D:	
PROJECT ADDRESS:	CONFIDENTIAL
PROJ. NO.:	060057900

GRADING PLAN	SHEET NUMBER: C-3000
SCALE: AS SHOWN	PAPER SIZE: E (36"x48") PHASE: 95% DESIGN



LEGEND

- EXISTING CONTOUR
- 476- PROP. CONTOURS
- - - PROPOSED DRAINAGE DIVIDE
- ➔ DIRECTION OF FLOW



**Know what's below.
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C:\ACC\CDocs\Kimley-Horn\060057900_CYL\Project Files\03_Civil\HUB03_Production-DWG\CYL-HUB-C-3200 DRAINAGE AREA MAP 7/31/2025 10:55 AM

ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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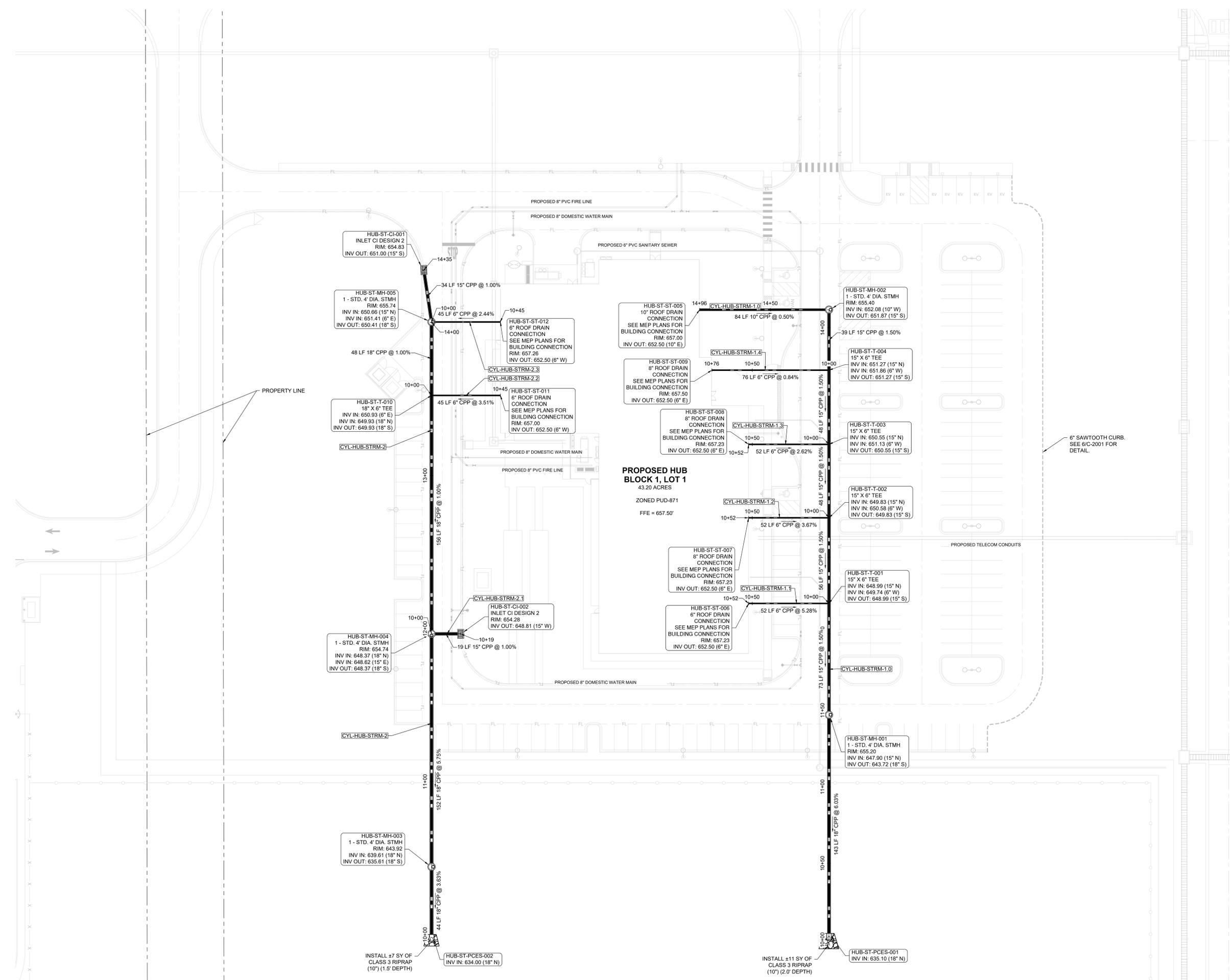
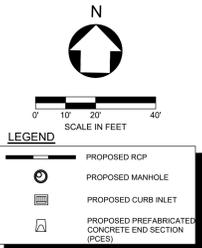
**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS	
NO.	DATE DESCRIPTION
1	2025/07/07 35% DESIGN
2	2025/08/11 65% DESIGN
3	2025/09/26 95% DESIGN

DRAWN: CYL-HUB
APPRV'D:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

DRAINAGE AREA MAP
SCALE: AS SHOWN

SHEET NUMBER:
C-3200
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



PROPOSED HUB BLOCK 1, LOT 1
 43.20 ACRES
 ZONED PUD-871
 FFE = 657.50'



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C:\ACC\ACCDCS\kimley-horn\060057900_cyl\project files\01_Civil\HUB03_Production-DWG\CYL-HUB-C-3300 STORM SEWER PLAN 7/15/2025 1:36 PM

ARCHITECTURE:
 DLR Group
 51 University St. Ste. 600
 Seattle, WA 98101
 Ph. (206) 461-6000

STRUCTURE:
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 Ph. (206) 461-6000

CIVIL:
 Kimley-Horn Associates, Inc.
 1437 S BOULDER AVE.
 TULSA, OK 74119
 Ph. (918) 380-8868

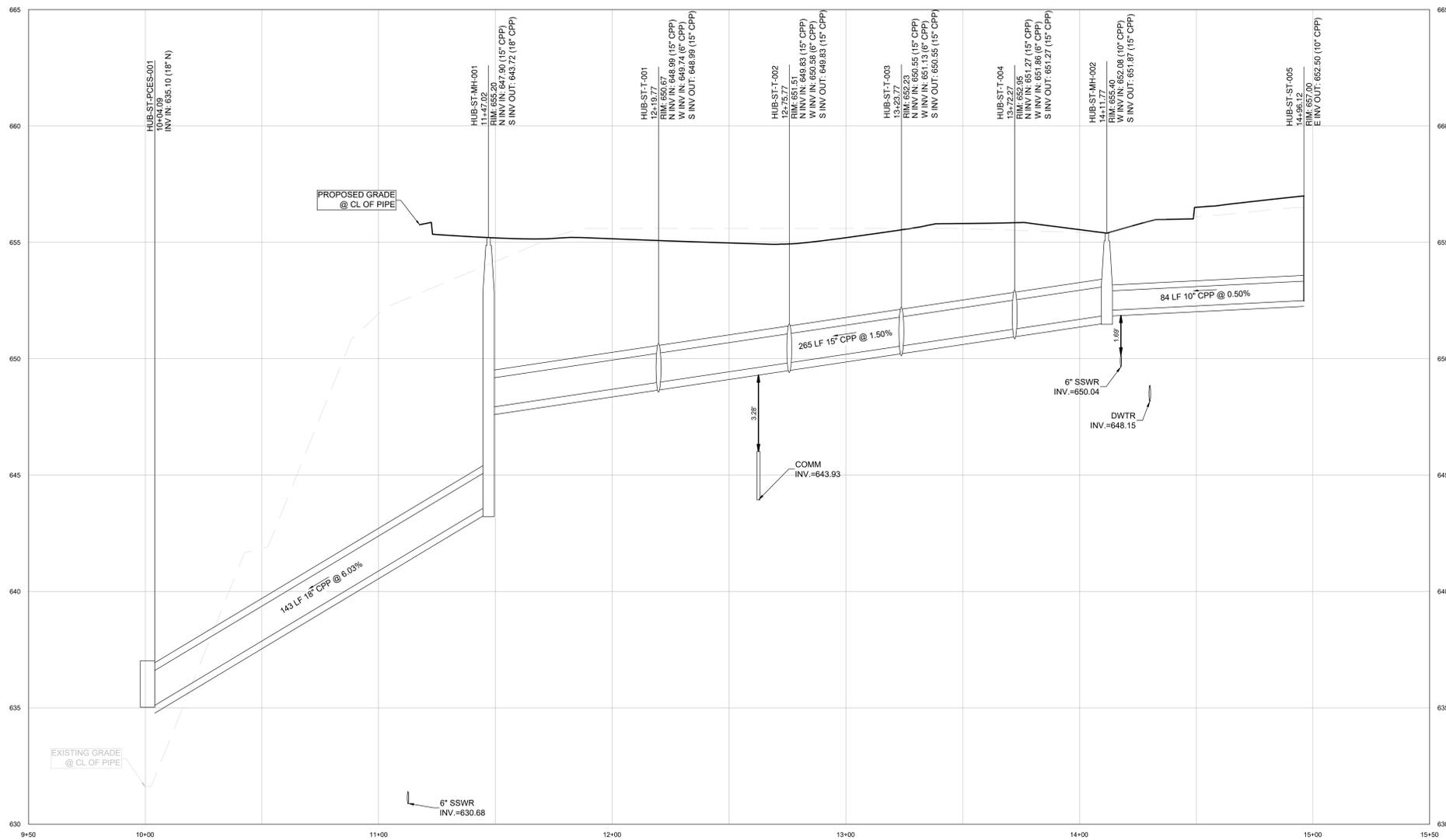
**CYL-HUB - 95% CIVIL PLANS
 (NOT FOR CONSTRUCTION)
 2025-09-26**

REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

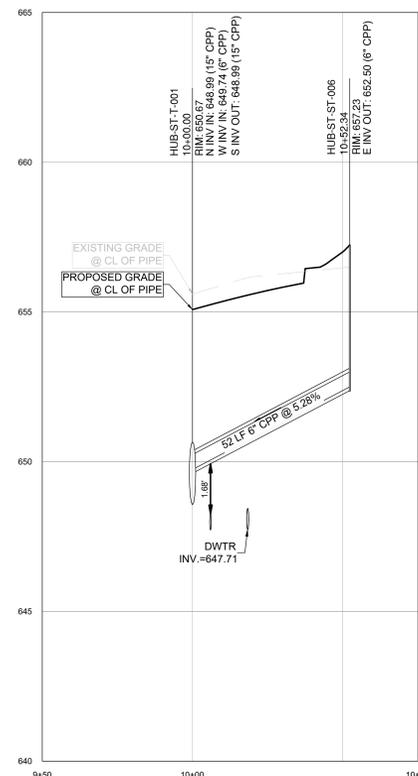
DRAWN: CYL-HUB
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

STORM SEWER PLAN
SCALE: AS SHOWN

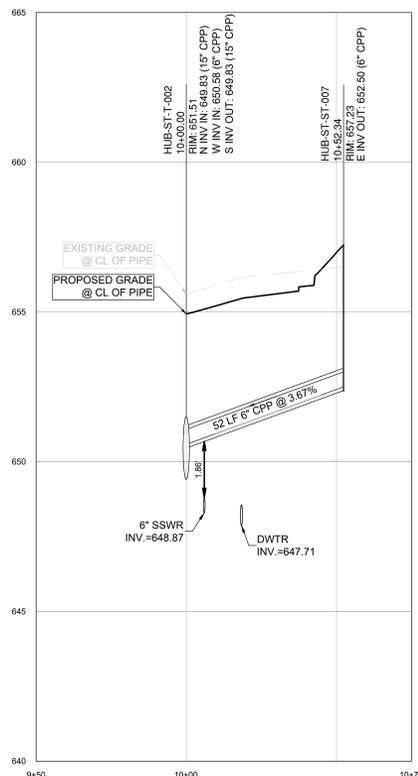
SHEET NUMBER:
C-3300
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



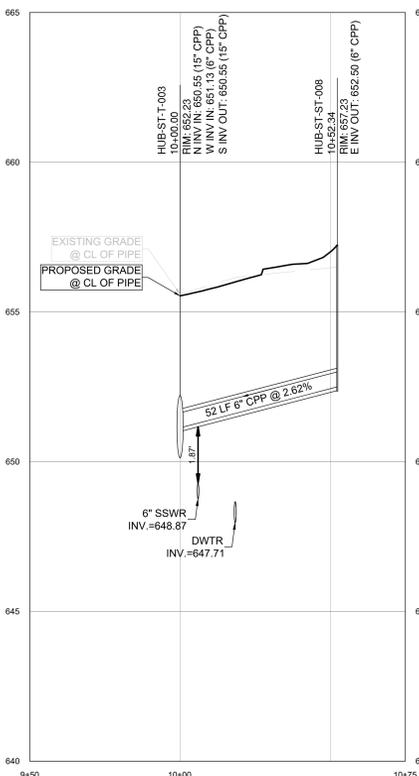
CYL-HUB-STRM-1.0 PROFILE



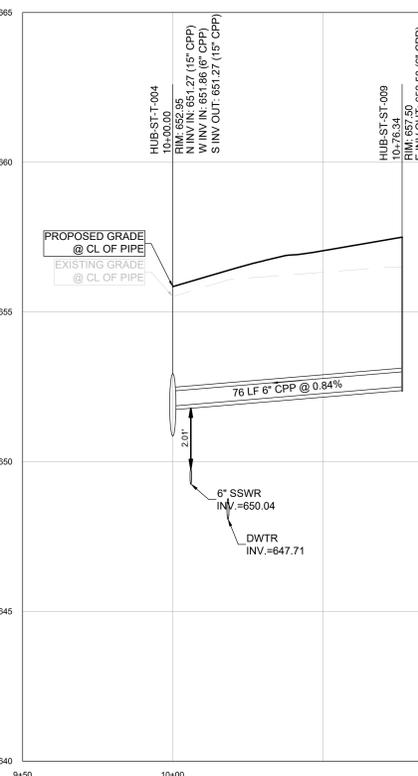
CYL-HUB-STRM-1.1 PROFILE



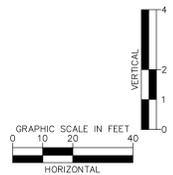
CYL-HUB-STRM-1.2 PROFILE



CYL-HUB-STRM-1.3 PROFILE



CYL-HUB-STRM-1.4 PROFILE



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ARCHITECTURE:
DLR Group
51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

STRUCTURE:
DLR Group
51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

MEP:
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CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

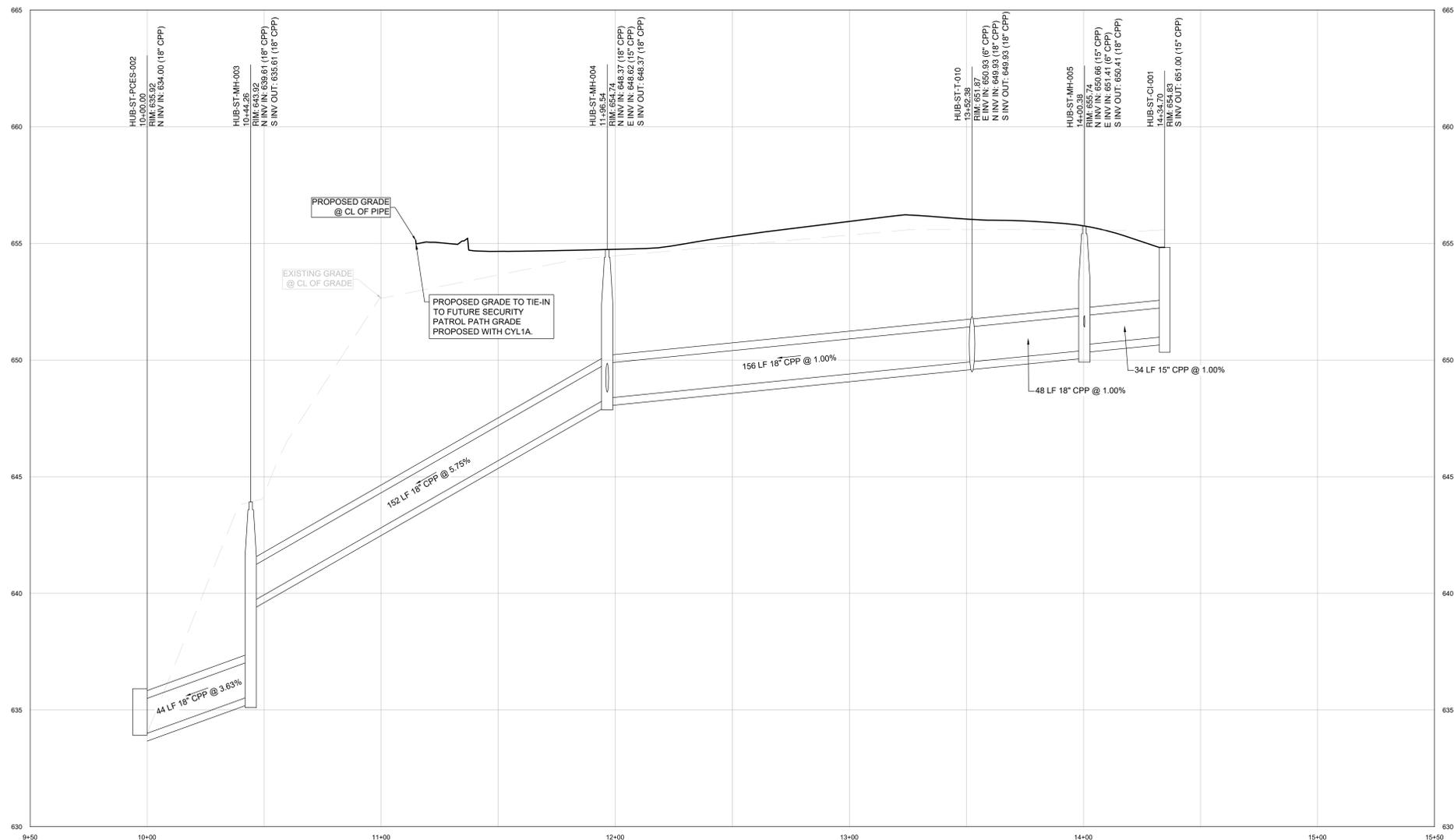
**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS	
NO.	DATE
1	2025/07/07
2	2025/08/11
3	2025/09/26

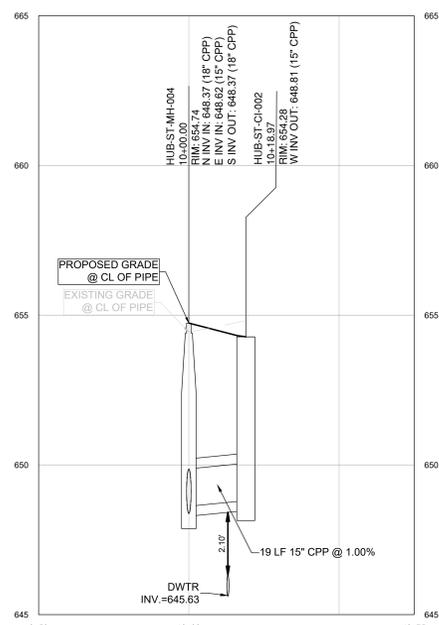
DRAWN: CYL-HUB
APPRVD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

STORM PROFILES
SCALE: AS SHOWN

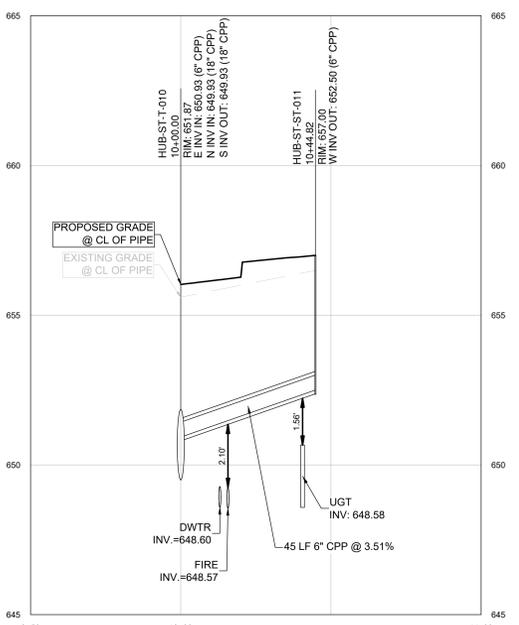
SHEET NUMBER:
C-3400
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



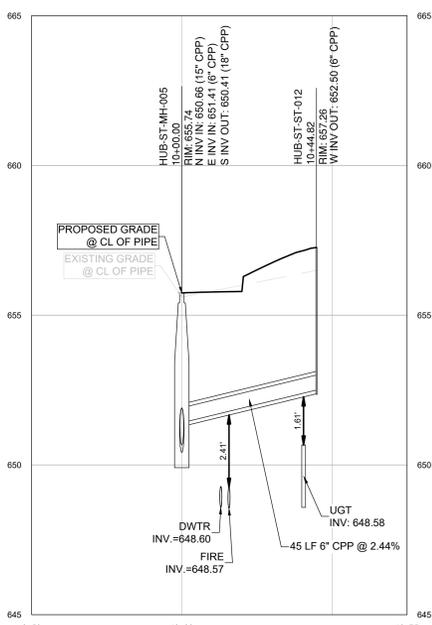
CYL-HUB-STRM-2 PROFILE



CYL-HUB-STRM-2.1 PROFILE



CYL-HUB-STRM-2.2 PROFILE



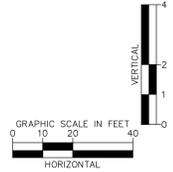
CYL-HUB-STRM-2.3 PROFILE



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ARCHITECTURE:
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51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

STRUCTURE:
DLR Group
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Seattle, WA 98101
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**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

DRAWN:
APPRVD:

CYL-HUB
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

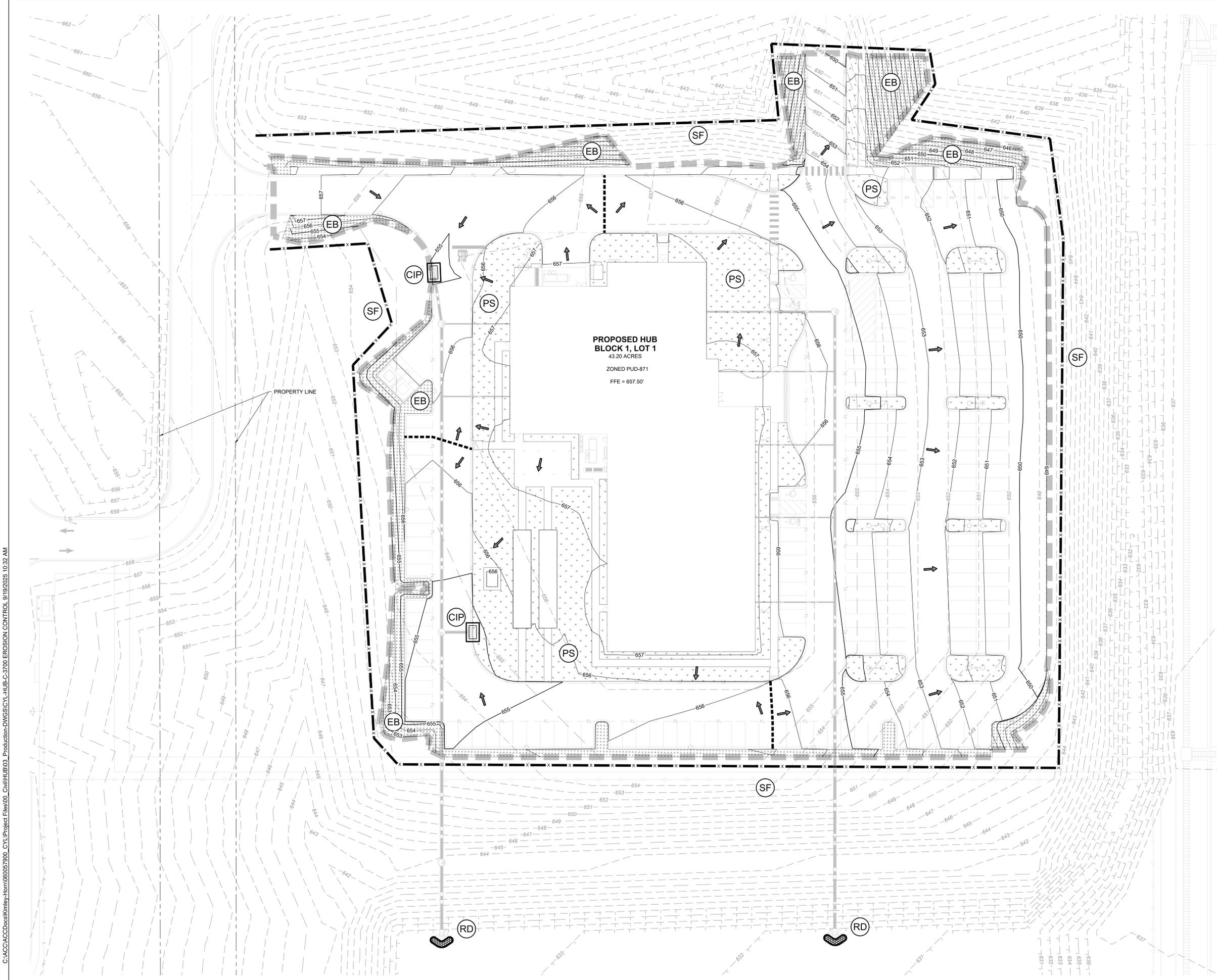
STORM PROFILES
SCALE: AS SHOWN

SHEET NUMBER:
C-3401
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN

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DIMENSIONS OF END SECTIONS FOR ROUND METAL PIPE

PIPE SIZE	WALL THICKNESS	MINIMUM COVER							
12"	0.1875"	12"	12"	12"	12"	12"	12"	12"	12"
15"	0.21875"	12"	12"	12"	12"	12"	12"	12"	12"
18"	0.2500"	12"	12"	12"	12"	12"	12"	12"	12"
21"	0.28125"	12"	12"	12"	12"	12"	12"	12"	12"
24"	0.3125"	12"	12"	12"	12"	12"	12"	12"	12"
27"	0.34375"	12"	12"	12"	12"	12"	12"	12"	12"
30"	0.3750"	12"	12"	12"	12"	12"	12"	12"	12"
36"	0.4375"	12"	12"	12"	12"	12"	12"	12"	12"
42"	0.5000"	12"	12"	12"	12"	12"	12"	12"	12"
48"	0.5625"	12"	12"	12"	12"	12"	12"	12"	12"
54"	0.6250"	12"	12"	12"	12"	12"	12"	12"	12"
60"	0.6875"	12"	12"	12"	12"	12"	12"	12"	12"
66"	0.7500"	12"	12"	12"	12"	12"	12"	12"	12"
72"	0.8125"	12"	12"	12"	12"	12"	12"	12"	12"
78"	0.8750"	12"	12"	12"	12"	12"	12"	12"	12"
84"	0.9375"	12"	12"	12"	12"	12"	12"	12"	12"
90"	1.0000"	12"	12"	12"	12"	12"	12"	12"	12"
96"	1.0625"	12"	12"	12"	12"	12"	12"	12"	12"
102"	1.1250"	12"	12"	12"	12"	12"	12"	12"	12"
108"	1.1875"	12"	12"	12"	12"	12"	12"	12"	12"
114"	1.2500"	12"	12"	12"	12"	12"	12"	12"	12"
120"	1.3125"	12"	12"	12"	12"	12"	12"	12"	12"
126"	1.3750"	12"	12"	12"	12"	12"	12"	12"	12"
132"	1.4375"	12"	12"	12"	12"	12"	12"	12"	12"
138"	1.5000"	12"	12"	12"	12"	12"	12"	12"	12"
144"	1.5625"	12"	12"	12"	12"	12"	12"	12"	12"
150"	1.6250"	12"	12"	12"	12"	12"	12"	12"	12"
156"	1.6875"	12"	12"	12"	12"	12"	12"	12"	12"
162"	1.7500"	12"	12"	12"	12"	12"	12"	12"	12"
168"	1.8125"	12"	12"	12"	12"	12"	12"	12"	12"
174"	1.8750"	12"	12"	12"	12"	12"	12"	12"	12"
180"	1.9375"	12"	12"	12"	12"	12"	12"	12"	12"
186"	2.0000"	12"	12"	12"	12"	12"	12"	12"	12"
192"	2.0625"	12"	12"	12"	12"	12"	12"	12"	12"
198"	2.1250"	12"	12"	12"	12"	12"	12"	12"	12"
204"	2.1875"	12"	12"	12"	12"	12"	12"	12"	12"
210"	2.2500"	12"	12"	12"	12"	12"	12"	12"	12"
216"	2.3125"	12"	12"	12"	12"	12"	12"	12"	12"
222"	2.3750"	12"	12"	12"	12"	12"	12"	12"	12"
228"	2.4375"	12"	12"	12"	12"	12"	12"	12"	12"
234"	2.5000"	12"	12"	12"	12"	12"	12"	12"	12"
240"	2.5625"	12"	12"	12"	12"	12"	12"	12"	12"
246"	2.6250"	12"	12"	12"	12"	12"	12"	12"	12"
252"	2.6875"	12"	12"	12"	12"	12"	12"	12"	12"
258"	2.7500"	12"	12"	12"	12"	12"	12"	12"	12"
264"	2.8125"	12"	12"	12"	12"	12"	12"	12"	12"
270"	2.8750"	12"	12"	12"	12"	12"	12"	12"	12"
276"	2.9375"	12"	12"	12"	12"	12"	12"	12"	12"
282"	3.0000"	12"	12"	12"	12"	12"	12"	12"	12"
288"	3.0625"	12"	12"	12"	12"	12"	12"	12"	12"
294"	3.1250"	12"	12"	12"	12"	12"	12"	12"	12"
300"	3.1875"	12"	12"	12"	12"	12"	12"	12"	12"
306"	3.2500"	12"	12"	12"	12"	12"	12"	12"	12"
312"	3.3125"	12"	12"	12"	12"	12"	12"	12"	12"
318"	3.3750"	12"	12"	12"	12"	12"	12"	12"	12"
324"	3.4375"	12"	12"	12"	12"	12"	12"	12"	12"
330"	3.5000"	12"	12"	12"	12"	12"	12"	12"	12"
336"	3.5625"	12"	12"	12"	12"	12"	12"	12"	12"
342"	3.6250"	12"	12"	12"	12"	12"	12"	12"	12"
348"	3.6875"	12"	12"	12"	12"	12"	12"	12"	12"
354"	3.7500"	12"	12"	12"	12"	12"	12"	12"	12"
360"	3.8125"	12"	12"	12"	12"	12"	12"	12"	12"
366"	3.8750"	12"	12"	12"	12"	12"	12"	12"	12"
372"	3.9375"	12"	12"	12"	12"	12"	12"	12"	12"
378"	4.0000"	12"	12"	12"	12"	12"	12"	12"	12"
384"	4.0625"	12"	12"	12"	12"	12"	12"	12"	12"
390"	4.1250"	12"	12"	12"	12"	12"	12"	12"	12"
396"	4.1875"	12"	12"	12"	12"	12"	12"	12"	12"
402"	4.2500"	12"	12"	12"	12"	12"	12"	12"	12"
408"	4.3125"	12"	12"	12"	12"	12"	12"	12"	12"
414"	4.3750"	12"	12"	12"	12"	12"	12"	12"	12"
420"	4.4375"	12"	12"	12"	12"	12"	12"	12"	12"
426"	4.5000"	12"	12"	12"	12"	12"	12"	12"	12"
432"	4.5625"	12"	12"	12"	12"	12"	12"	12"	12"
438"	4.6250"	12"	12"	12"	12"	12"	12"	12"	12"
444"	4.6875"	12"	12"	12"	12"	12"	12"	12"	12"
450"	4.7500"	12"	12"	12"	12"	12"	12"	12"	12"
456"	4.8125"	12"	12"	12"	12"	12"	12"	12"	12"
462"	4.8750"	12"	12"	12"	12"	12"	12"	12"	12"
468"	4.9375"	12"	12"	12"	12"	12"	12"	12"	12"
474"	5.0000"	12"	12"	12"	12"	12"	12"	12"	12"
480"	5.0625"	12"	12"	12"	12"	12"	12"	12"	12"
486"	5.1250"	12"	12"	12"	12"	12"	12"	12"	12"
492"	5.1875"	12"	12"	12"	12"	12"	12"	12"	12"
498"	5.2500"	12"	12"	12"	12"	12"	12"	12"	12"
504"	5.3125"	12"	12"	12"	12"	12"	12"	12"	12"
510"	5.3750"	12"	12"	12"	12"	12"	12"	12"	12"
516"	5.4375"	12"	12"	12"	12"	12"	12"	12"	12"
522"	5.5000"	12"	12"	12"	12"	12"	12"	12"	12"
528"	5.5625"	12"	12"	12"	12"	12"	12"	12"	12"
534"	5.6250"	12"	12"	12"	12"	12"	12"	12"	12"
540"	5.6875"	12"	12"	12"	12"	12"	12"	12"	12"
546"	5.7500"	12"	12"	12"	12"	12"	12"	12"	12"
552"	5.8125"	12"	12"	12"	12"	12"	12"	12"	12"
558"	5.8750"	12"	12"	12"	12"	12"	12"	12"	12"
564"	5.9375"	12"	12"	12"	12"	12"	12"	12"	12"
570"	6.0000"	12"	12"	12"	12"	12"	12"	12"	12"
576"	6.0625"	12"	12"	12"	12"	12"	12"	12"	12"
582"	6.1250"	12"	12"	12"	12"	12"	12"	12"	12"
588"	6.1875"	12"	12"	12"	12"	12"	12"	12"	12"
594"	6.2500"	12"	12"	12"	12"	12"	12"	12"	12"
600"	6.3125"	12"	12"	12"	12"	12"	12"	12"	12"
606"	6.3750"	12"	12"	12"	12"	12"	12"	12"	12"
612"	6.4375"	12"	12"	12"	12"	12"	12"	12"	12"
618"	6.5000"	12"	12"	12"	12"	12"	12"	12"	12"
624"	6.5625"	12"	12"	12"	12"	12"	12"	12"	12"
630"	6.6250"	12"	12"	12"	12"	12"	12"	12"	12"
636"	6.6875"	12"	12"	12"	12"	12"	12"	12"	12"
642"	6.7500"	12"	12"	12"	12"	12"	12"	12"	12"
648"	6.8125"	12"	12"	12"	12"	12"	12"	12"	12"
654"	6.8750"	12"	12"	12"	12"	12"	12"	12"	12"
660"	6.9375"	12"	12"	12"	12"	12"	12"	12"	12"
666"	7.0000"	12"	12"	12"	12"	12"	12"	12"	12"
672"	7.0625"	12"	12"	12"	12"	12"	12"	12"	12"
678"	7.1250"	12"	12"	12"	12"	12"	12"	12"	12"
684"	7.1875"	12"	12"	12"	12"	12"	12"	12"	12"
690"	7.2500"	12"	12"	12"	12"	12"	12"	12"	12"
696"	7.3125"	12"	12"	12"	12"	12"	12"	12"	12"
702"	7.3750"	12"	12"	12"	12"	12"	12"	12"	12"
708"	7.4375"	12"	12"	12"	12"	12"	12"	12"	12"
714"	7.5000"	12"	12"	12"	12"	12"	12"	12"	12"
720"	7.5625"	12"	12"	12"	12"	12"	12"	12"	12"
726"	7.6250"	12"	12"	12"	12"	12"	12"	12"	12"
732"	7.6875"	12"	12"	12"	12"	12"	12"	12"	12"
738"	7.7500"	12"	12"	12"	12"	12"	12"	12"	12"
744"	7.8125"	12"	12"	12"	12"	12"	12"	12"	12"
750"	7.8750"	12"	12"	12"	12"	12"	12"	12"	12"
756"	7.9375"	12"	12"	12"	12"	12"	12"	12"	12"
762"	8.0000"	12"	12"	12"	12"	12"	12"	12"	12"
768"	8.0625"	12"	12"	12"	12"	12"	12"	12"	12"
774"	8.1250"	12"	12"	12"	12"	12"	12"	12"	12"
780"	8.1875"	12"	12"	12"	12"	12"	12"	12"	12"
786"	8.2500"	12"	12"	12"	12"	12"	12"	12"	12"
792"	8.3125"	12"	12"	12"	12"	12"	12"	12"	12"
798"	8.3750"	12"	12"	12"	12"	12"	12"	12"	12"
804"	8.4375"	12"	12"	12"	12"	12"	12"	12"	12"
810"	8.5000"	12"	12"	12"	12"	12"	12"	12"	12"
816"	8.5625"	12"	12"	12"	12"	12"	12"	12"	12"
822"	8.6250"	12"	12"	12"	12"	12"	12"	12"	12"
828"	8.6875"	12"	12"	12"	12"	12"	12"	12"	12"
834"	8.7500"	12"	12"	12"	12"	12"	12"	12"	12"
840"	8.8125"	12"	12"	12"	12"	12"	12"	12"	12"
846"	8.8750"	12"	12"	12"	12"	12"	12"	12"	12"
852"	8.9375"	12"	12"	12"	12"	12"	12"	12"	12"
858"	9.0000"	12"	12"	12"	12"	12"	12"	12"	12"
864"	9.0625"	12"	12"	12"	12"	12"	12"	12"	12"
870"	9.1250"	12"	12"	12"	12"	12"	12"	12"	12"
876"	9.1875"	12"	12"	12"	12"	12"	12"	12"	12"
882"	9.2500"	12"	12"	12"	12"	12"	12"	12"	12"
888"	9.3125"	12"	12"	12"	12"	12"	12"	12"	12"
894"	9.3750"	12"	12"	12"	12"	12"	12"	12"	12"
900"	9.4375"	12"	12"	12"	12"	1			



**PROPOSED HUB
BLOCK 1, LOT 1**
43.20 ACRES
ZONED PUD-871
FFE = 657.50'

N
0 10 20 40
SCALE IN FEET

LEGEND

- EXISTING CONTOUR
- - - PROP. CONTOURS
- DIRECTION OF FLOW
- HIGH POINT
- LIMITS OF DISTURBANCE
- ⊗ FILTER BARRIER (SILT FENCE)
- ⊗ CURB INLET PROTECTION
- ⊗ ROCK DAM
- ⊗ PERMANENT STABILIZATION
- ⊗ EROSION CONTROL BLANKET

DISTURBED AREA:
TOTAL = 4.07 ACRES

- EROSION AND POLLUTION CONTROL GENERAL NOTES:**
1. THIS PART OF THE PROJECT SHALL COMPLY WITH THE OVERALL PROJECT REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO, THE SWPPP AND THE ODEQ OER19 PERMIT. THE CONTRACTOR FOR THIS PART OF THE PROJECT SHALL COORDINATE WITH THE OVERALL GC AND THE PERMIT HOLDER FOR ALL ACTIVITIES RELATED TO EARTH DISTURBANCE AND EROSION CONTROL, INCLUDING INSTALLATION, MAINTENANCE, AND INSPECTION OF BMPs, ALTERATION OF FLOW PATTERNS AND LIMITS OF DISTURBANCE, AND ALL REPORTING AND DOCUMENTATION REQUIREMENTS.
 2. ALL CONTRACTORS SHALL COMPLY WITH THE OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY GUIDELINES FOR BEST MANAGEMENT PRACTICES FOR CONSTRUCTION AS IT RELATES TO PREVENTING POLLUTANTS IN STORM WATER DISCHARGE FROM CONSTRUCTION ACTIVITIES.
 3. THE CONTRACTOR SHALL INSTALL EROSION AND POLLUTION CONTROL MEASURES AS INDICATED ON THE PLANS AND AS FIELD CONDITIONS WARRANT TO PREVENT OFFSITE MIGRATION OF SOILS OR OTHER POLLUTANTS BY VEHICULAR TRACKING OR IN STORM WATER RUNOFF. PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITY, INSTALLATION OF CONTROL MEASURES, REPAIRS OR MODIFICATIONS TO THE MEASURES WILL BE MADE BY THE CONTRACTOR IF THE CONTROL MEASURES PROVE INEFFECTIVE OR IF ADDITIONAL CONTROL MEASURES ARE NECESSARY.
 4. THE CONTRACTOR SHALL INSTALL THE STABILIZED CONSTRUCTION EXIT AND SHALL TAKE APPROPRIATE MEASURES TO PREVENT TRACKING OF MUD AND/OR SOILS TO OFFSITE PAVEMENT. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY OFFSITE TRACKING THAT OCCURS.
 5. ALL STOCKPILED SOILS WILL BE SURROUNDED BY A SILT FENCE, SEDIMENT CONTROL SWALE OR EQUIVALENT MEASURE TO PROPERLY CONTROL SEDIMENT RUNOFF.
 6. THE CONTRACTOR SHALL DESIGNATE A CONCRETE TRUCK WASHOUT AREA. WASTE CONCRETE AND ASSOCIATED WATER AND MATERIAL WILL BE PROPERLY DISPOSED OF IN ACCORDANCE WITH THE APPLICABLE REGULATIONS.
 7. THE CONTRACTOR SHALL CONSTRUCT A BERM OR OTHER SPILL PROTECTION MEASURE FOR ANY TEMPORARY FUEL STORAGE TANKS ON SITE TO CONTAIN AT LEAST ONE HALF (1/2) OF THE CAPACITY OF EACH TANK.
 8. IF SUMP PUMPS ARE USED TO REMOVE WATER FROM EXCAVATED AREAS, THE DISCHARGE SHALL BE FILTERED OR DISCHARGED TO A SETTLING BASIN TO REMOVE SEDIMENT AND OTHER POLLUTANTS BEFORE THE WATER ENTERS A STORM DRAIN OR LEAVES THE SITE.
 9. INLET PROTECTION SHALL BE INSTALLED AT ALL ONSITE OR NEW INLETS TO PREVENT SEDIMENT AND SOILS FROM ENTERING THE STORM DRAIN SYSTEM UNLESS PERMANENT VEGETATION IS ESTABLISHED.
 10. CONTROL MEASURES MAY ONLY BE PLACED IN FRONT OF INLETS OR IN CHANNELS, DRAINAGE WAYS OR BORROW PITS AT THE CONTRACTOR'S RISK. CONTRACTOR SHALL REMAIN LIABLE FOR ANY DAMAGE CAUSED BY THE MEASURE INCLUDING FLOOD DAMAGE THAT OCCURS AS A RESULT OF BLOCKED DRAINAGE.
 11. AT A MINIMUM PERIMETER CONTROLS SUCH AS SILT FENCE SHALL BE INSTALLED AT ALL DOWN SLOPE BOUNDARIES OF DISTURBED AREAS AND AS WARRANTED WHERE PAVEMENT UTILITY CONSTRUCTION, GRADING OR OTHER CONSTRUCTION ACTIVITIES ARE TO BE PERFORMED. THE CONTRACTOR SHALL AT ALL TIMES TAKE SUCH MEASURES AS NECESSARY TO PREVENT OFFSITE MIGRATION OF SEDIMENT AND DEBRIS.
 12. IF DISCHARGE OF SOIL OR OTHER POLLUTANTS OCCURS, THE CONTROL MEASURES SHALL BE EVALUATED AND CHANGES OR ADDITIONAL MEASURES IMPLEMENTED WITHIN SEVEN (7) DAYS TO PREVENT FUTURE DISCHARGES.
 13. DAMAGE TO ADJACENT PROPERTY AND/OR RECEIVING WATER CAUSED BY IMPROPERLY INSTALLED OR POORLY MAINTAINED EROSION AND POLLUTION CONTROL MEASURES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY INCLUDES REPAIR AND DISPOSAL OF ANY SILTATION, DEBRIS OR OTHER POLLUTANTS CAUSED BY HISHER OPERATIONS AND/OR FAILURE OF THE CONTROL MEASURES. FAILURE TO ADDRESS THE CAUSES OF DAMAGES MAY RESULT IN A STOP WORK ORDER.
 14. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ACCUMULATED SEDIMENT BEFORE IT REACHES A DEPTH OF SIX (6) INCHES OR IMPAIRS THE EFFECTIVENESS OF THE CONTROL MEASURE.
 15. THE CONTRACTOR SHALL STABILIZE WITH SOME FORM OF GROUND COVER ANY AREA WHERE CONSTRUCTION ACTIVITY IS TO BE CEASED (TEMPORARILY OR PERMANENTLY) FOR MORE THAN THIRTY (30) DAYS.
 16. AT THE CONCLUSION OF THE PROJECT, ALL CHANNELS, DRAINAGE WAY AND BORROW DITCHES IN THE WORK ZONE SHALL BE CLEARED OF ANY SEDIMENT AND DEBRIS GENERATED BY THE PROJECT OR DEPOSITED AS A RESULT OF THE EROSION AND POLLUTION CONTROL MEASURES.



**Know what's below.
Call before you dig.**

CAUTION
EXISTING UNDERGROUND UTILITIES. CONTRACTOR TO VERIFY EXACT LOCATION PRIOR TO ANY TRENCHING OR EXCAVATION.

THESE DRAWINGS ARE A 95% PROGRESS SET FOR AN OVER-THE-SHOULDER REVIEW AND ARE NOT INTENDED FOR CONSTRUCTION, PERMITTING, OR REGULATORY REVIEW. THEY ARE PROVIDED SOLELY FOR REVIEW AND COORDINATION PURPOSES. THESE DRAWINGS ARE PRELIMINARY AND DO NOT INCLUDE ALL NECESSARY INFORMATION REQUIRED FOR A FINAL DESIGN. DIMENSIONS, MATERIALS, AND DESIGNS ARE SUBJECT TO CHANGE WITHOUT NOTICE AS ADDITIONAL DETAILS ARE DEVELOPED AND DESIGN DECISIONS ARE REFINED. USERS SHOULD INDEPENDENTLY VERIFY ALL DETAILS AND EXERCISE THEIR OWN PROFESSIONAL JUDGMENT BEFORE MAKING DECISIONS BASED ON THESE DRAWINGS. THESE DRAWINGS SHALL NOT BE USED FOR OBTAINING CONSTRUCTION PERMITS, COMPLETING DETAILED DESIGN, OR STARTING CONSTRUCTION ACTIVITIES.

ARCHITECTURE:
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51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

STRUCTURE:
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51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

MEP:
DLR Group
51 University St. Ste. 600
Seattle, WA 98101
Ph. (206) 461-6000

CIVIL:
Kimley-Horn Associates, Inc.
1437 S BOULDER AVE.
TULSA, OK 74119
Ph. (918) 380-8868

**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

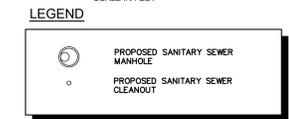
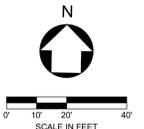
REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

DRAWN: CYL-HUB
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

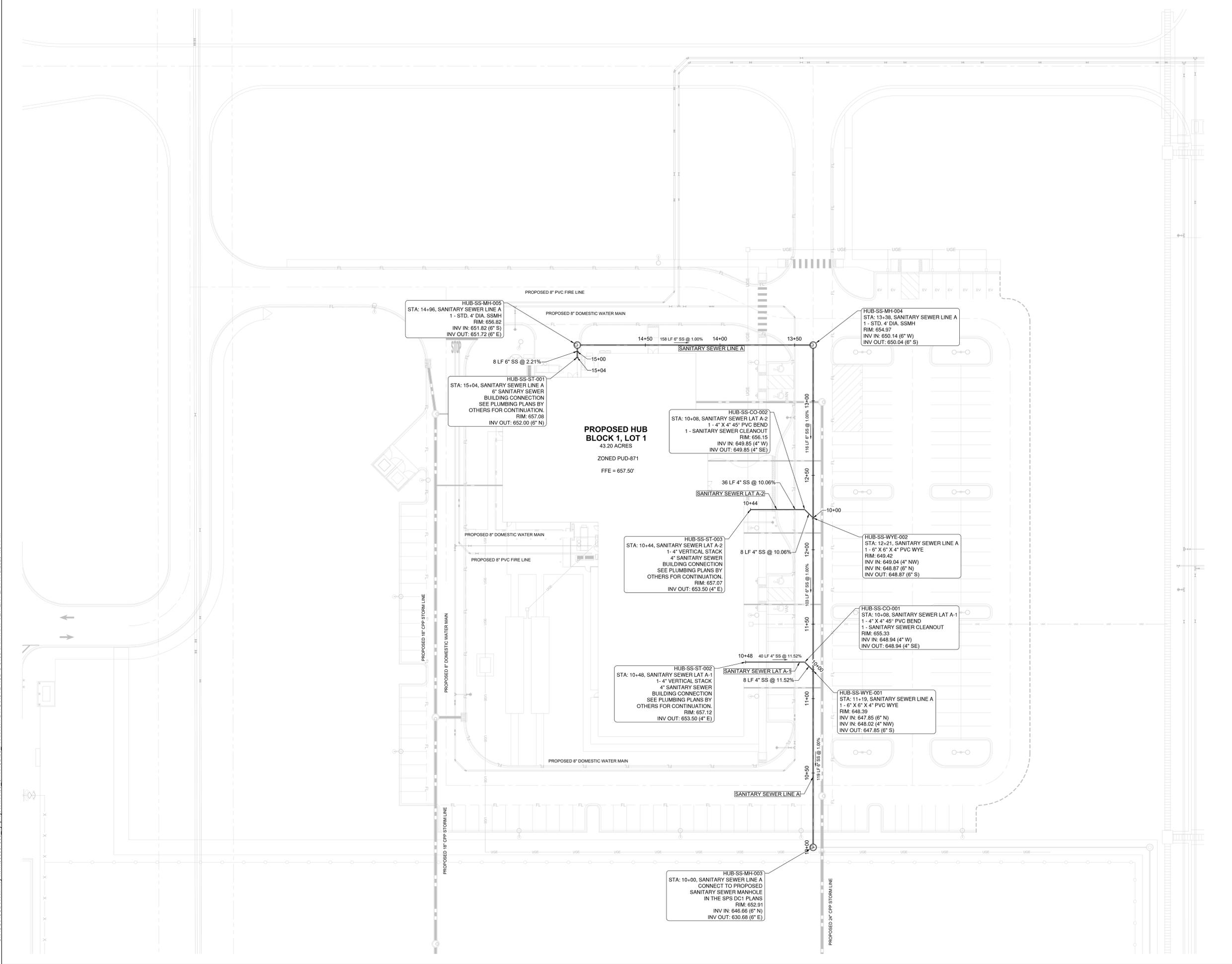
EROSION CONTROL
SCALE: AS SHOWN

SHEET NUMBER:
C-3700
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN

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- NOTES:**
- CONTRACTOR TO VERIFY EXISTING INVERT ELEVATIONS PRIOR TO CONNECTING AND NOTIFY ENGINEER IF DISCREPANCIES FOUND.
 - GENERAL CONTRACTOR SHALL REFER TO ARCHITECTURAL AND M.E.P. PLANS FOR EXACT BUILDING UTILITY LOCATION.
 - GENERAL CONTRACTOR TO ADJUST RIM ELEVATIONS TO MATCH EXISTING GRADES.
 - REFER TO M.E.P. PLANS FOR CONTRIBUTION OF UTILITY SERVICES.
 - AREA OVER EXISTING WATER AND SEWER MAINS CANNOT BE USED FOR STOCK PILING AND/OR STAGING MATERIALS AND EQUIPMENT. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 - ALL SEWER LINES TO BE SDR 26 PVC UNLESS OTHERWISE NOTED.



**PROPOSED HUB
BLOCK 1, LOT 1**
43.20 ACRES
ZONED PUD-871
FFE = 657.50'



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C:\ACC\ACC\docs\kimley-horn\060057900_cyl\project files\01_Civil\HUB03_Production-DWG\CYL-HUB-C-5100_SANITARY SEWER PLAN 7/15/2025 1:51 PM

ARCHITECTURE:
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**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

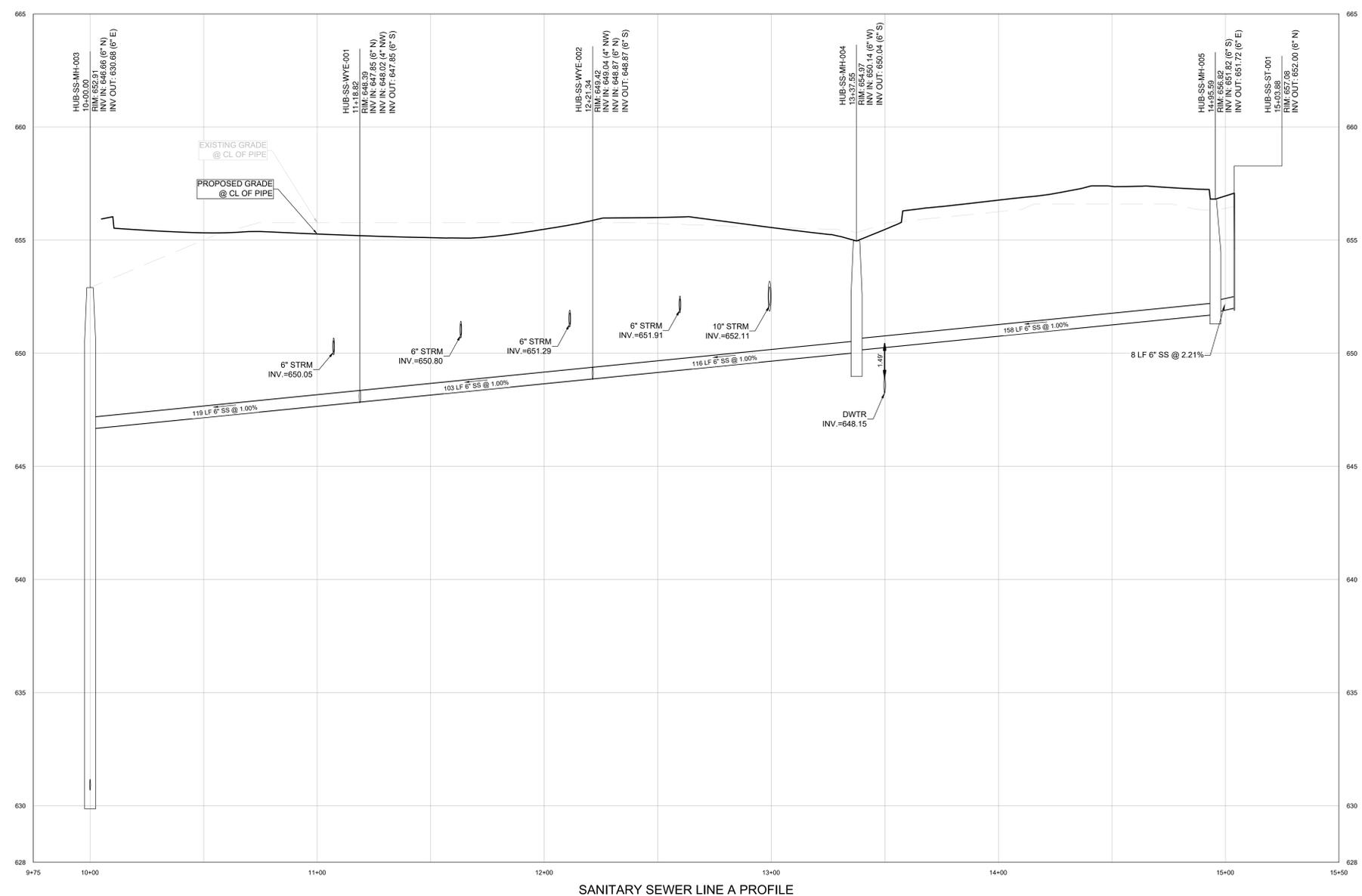
REVISIONS	
NO.	DATE
1	2025/07/07
2	2025/08/11
3	2025/09/26

DRAWN: CYL-HUB
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

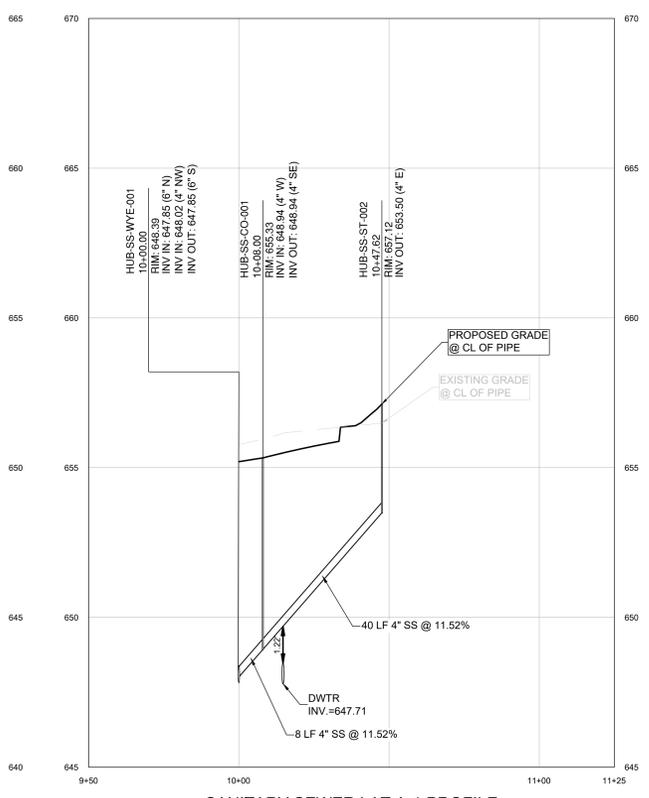
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SCALE: AS SHOWN

SHEET NUMBER:
C-5100
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN

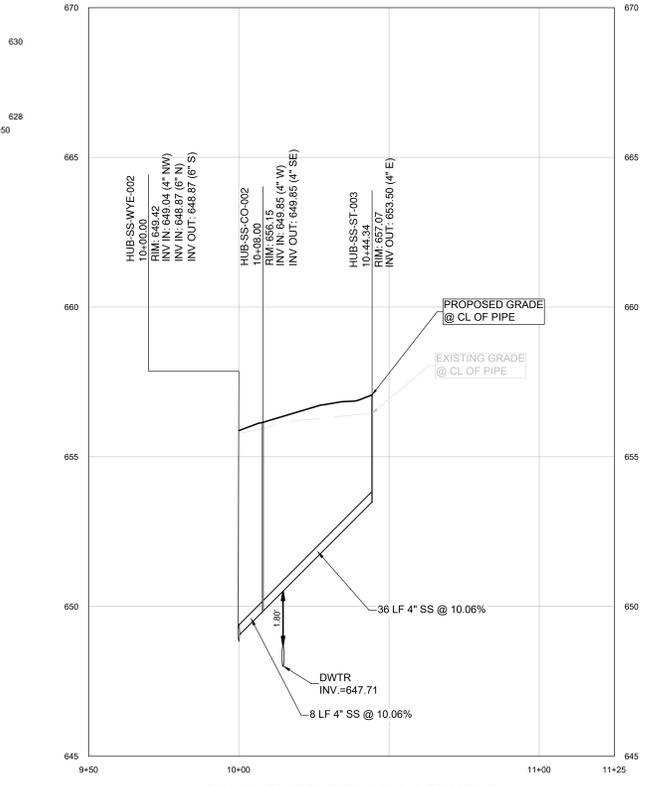
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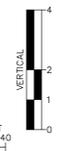
SANITARY SEWER LINE A PROFILE



SANITARY SEWER LAT A-1 PROFILE



SANITARY SEWER LAT A-2 PROFILE



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ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
--	---	---	---

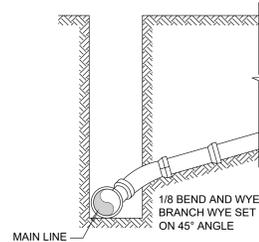
**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS	
NO.	DATE
1	2025/07/07
2	2025/08/11
3	2025/09/26

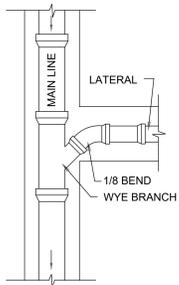
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APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

SANITARY SEWER PROFILES
SCALE: AS SHOWN

SHEET NUMBER:
C-5200
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



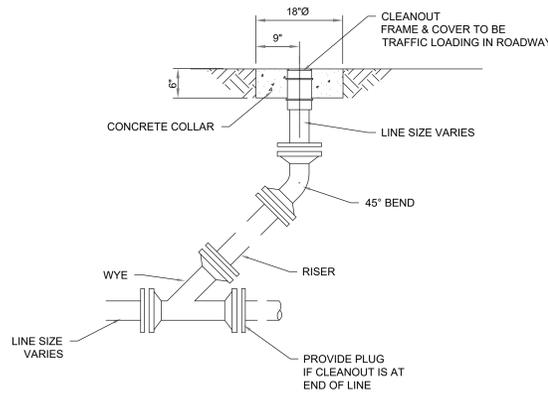
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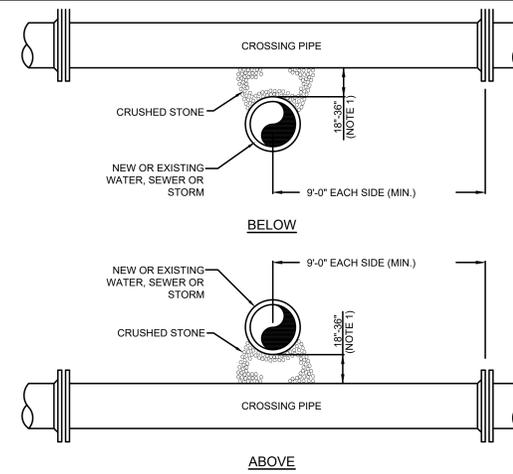
PLAN

NOTE:
1. TIE-IN STRUCTURES MAY VARY FROM DETAIL ABOVE; SEE PLANS FOR STRUCTURE TYPES.

1 LATERAL CONNECTION
NTS

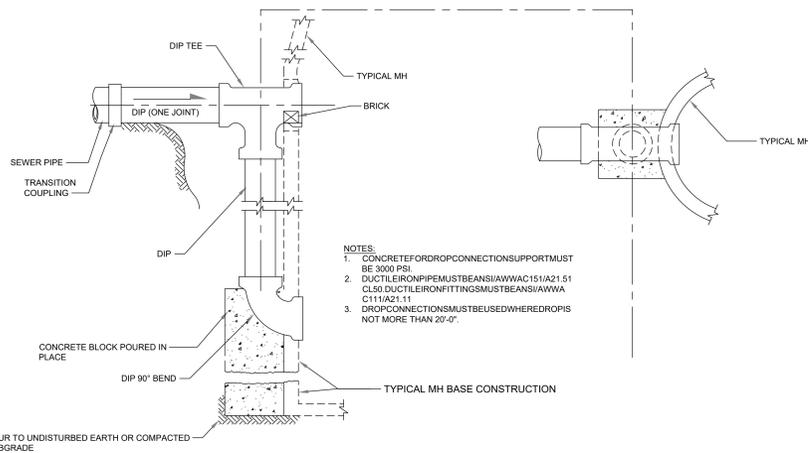


2 EXTERIOR GRAVITY CLEANOUT
NTS



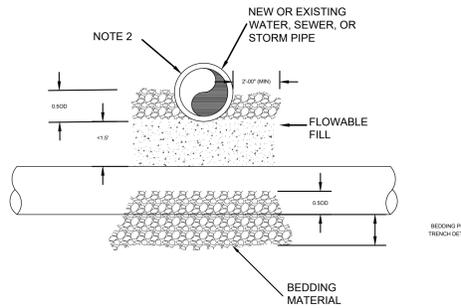
NOTES:
1. WHEN DISTANCE OF 18" OR MORE IS NOT POSSIBLE, USE MIN. CLEARANCE PIPE CROSSING DETAIL.
2. WHEN WATER LINE IS NEW, PROVIDE A FULL JOINT OF PIPE FOR BOTH LINES CENTERED AT CROSSING.
3. LOCATE SEWER BELOW WATER LINE.

3 UTILITY CROSSING
NTS



NOTES:
1. CONCRETE FOR DROP CONNECTIONS SUPPORT MUST BE 3000 PSI.
2. DUCTILE IRON PIPE MUST BE ANSI/AWWA C151/A21.51 CL50. DUCTILE IRON FITTINGS MUST BE ANSI/AWWA C111/A21.11.
3. DROP CONNECTIONS MUST BE USED WHERE DROPS IS NOT MORE THAN 20'-0".

7 OUTSIDE DROP MANHOLE
NTS



NOTES:
1. DETAIL IS SIMILAR FOR ALL PIPE CROSSINGS WHERE CLEARANCE BETWEEN PIPES IS LESS THAN 1'-6".
2. PROVIDE DOUBLE POLYETHYLENE WRAP AROUND ALL DUCTILE IRON PIPE. WRAP TO EXTEND 5'-0" PAST EACH SIDE OF THE FLOWABLE FILL.

6 MIN. CLEARANCE PIPE CROSSING
NTS

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ARCHITECTURE: DLR Group
51 University St. Ste. 600
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Ph. (206) 461-6000

STRUCTURE: DLR Group
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CIVIL: Kimley-Horn Associates, Inc.
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CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26

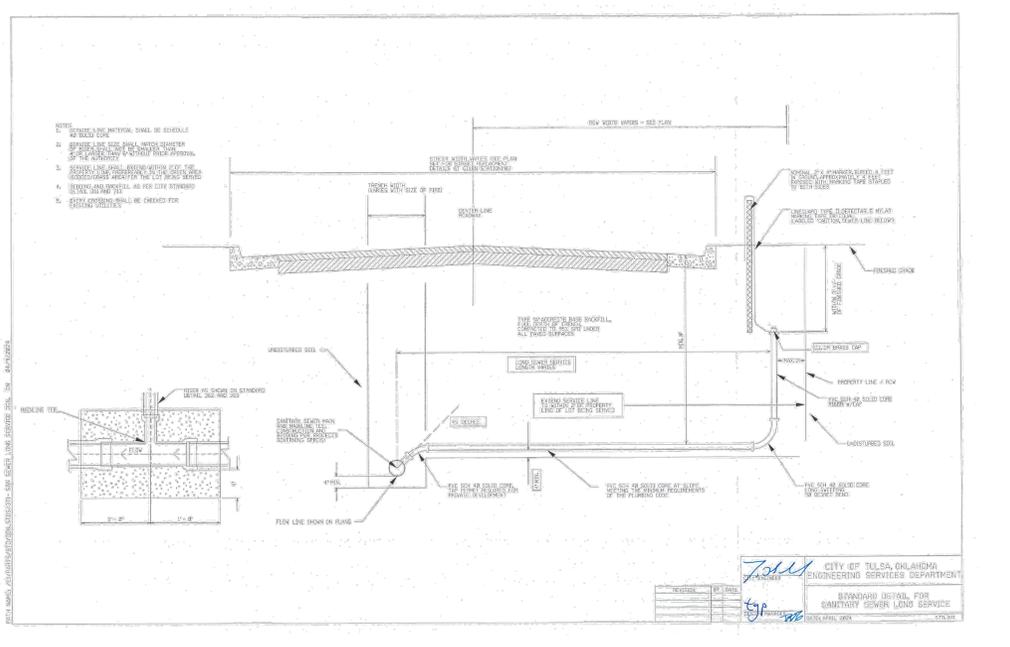
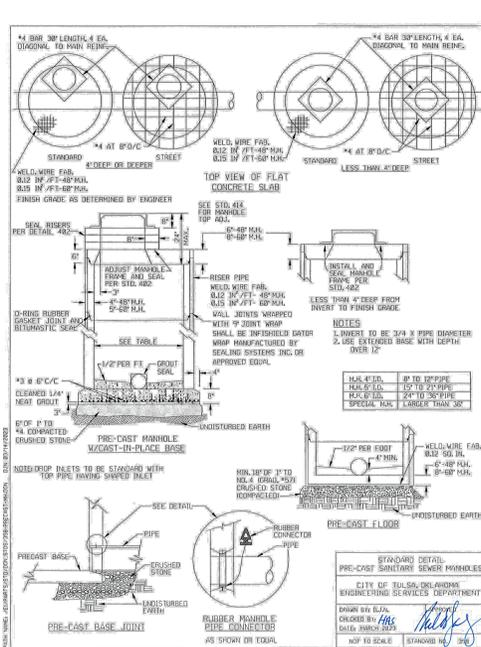
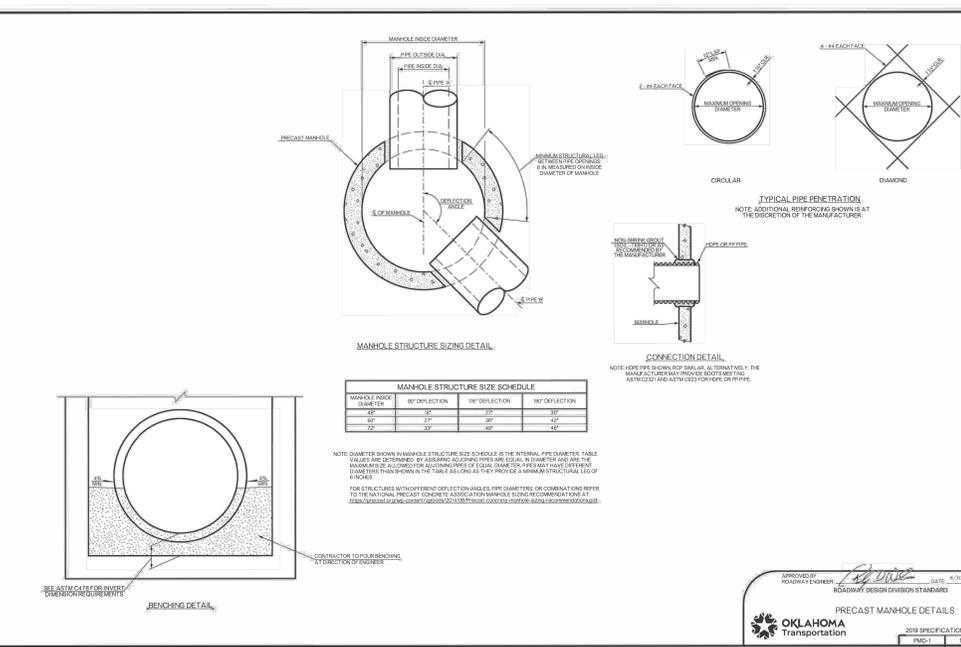
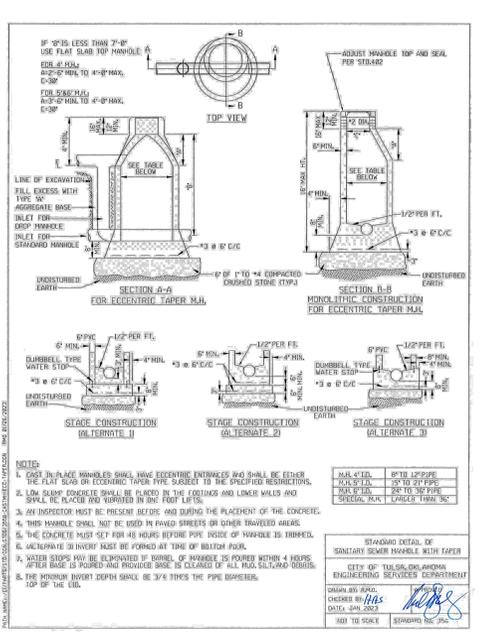
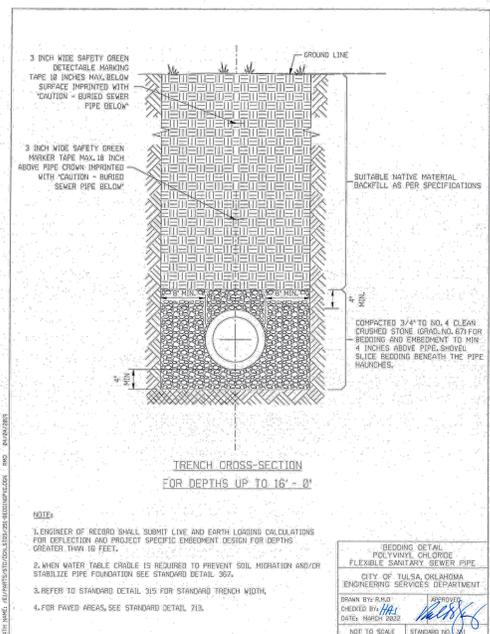
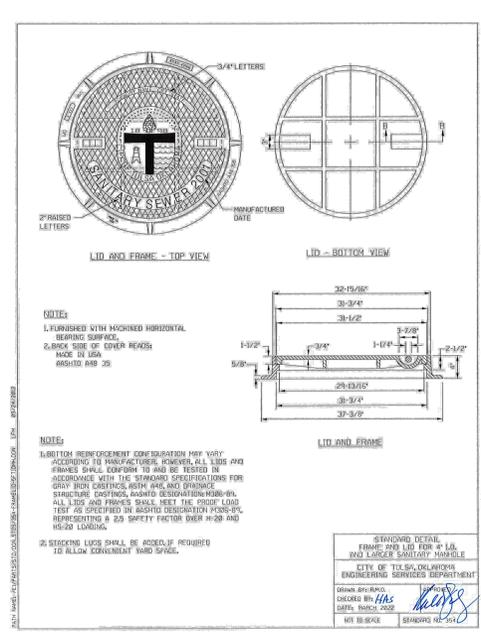
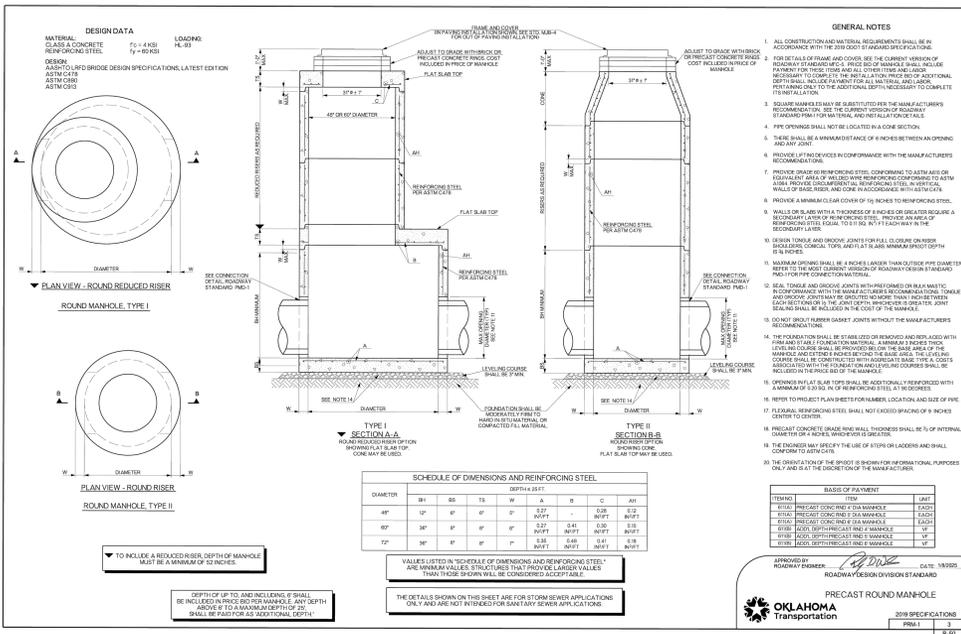
REVISIONS	
NO.	DATE
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3	2025/09/26

DRAWN: CYL-HUB
APPR'D:

PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

SANITARY SEWER DETAILS
SCALE: AS SHOWN

SHEET NUMBER:
C-5500
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PHASE: 95% DESIGN



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ARCHITECTURE:
DLR Group
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Ph. (206) 461-6000

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Ph. (918) 380-8868

CYL-HUB - 95% CIVIL PLANS (NOT FOR CONSTRUCTION)

2025-09-26

REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

DRAWN: CYL-HUB

APPRVD:

PROJECT ADDRESS: CONFIDENTIAL

PROJ. NO.: 060057900

SANITARY SEWER DETAILS

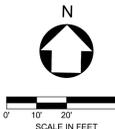
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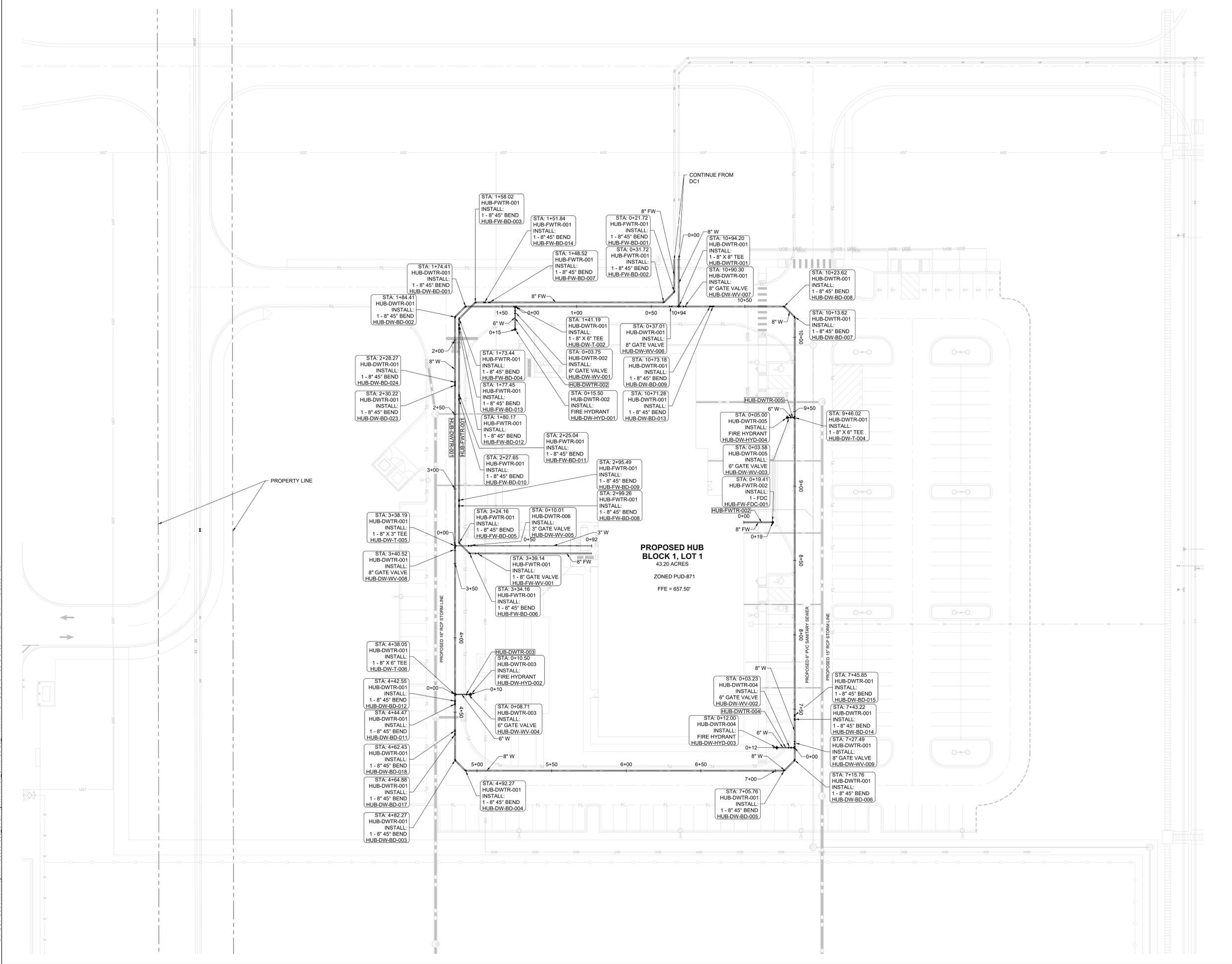
PHASE: 95% DESIGN



LEGEND

	PROPOSED GATE VALVE
	PROPOSED FDC
	PROPOSED FIRE HYDRANT
	FIRE HYDRANT
	FIRE DEPARTMENT CONNECTION
	PROPOSED
	EXISTING

- NOTES:**
- GENERAL CONTRACTOR SHALL REFER TO ARCHITECTURAL AND M.E.P. PLANS FOR EXACT BUILDING UTILITY LOCATION.
 - GENERAL CONTRACTOR TO ADJUST RIM ELEVATIONS TO MATCH EXISTING GRADES.
 - REFER TO M.E.P. PLANS FOR CONTINUATION OF UTILITY SERVICES.
 - PRIOR TO TIE-IN, CONTRACTOR SHALL TEST, DISINFECT, AND FLUSH THE WATER MAINS IN ACCORDANCE WITH TULSA COUNTY SPECIFICATIONS.
 - AREA OVER EXISTING WATER AND SEWER MAINS CANNOT BE USED FOR STOCK PILING AND/OR STAGING MATERIALS AND EQUIPMENT.
 - CONTRACTOR TO PLUG ALL WATER LINES AND SERVICES THAT ARE NOT CONNECTED TO BUILDINGS FOR FUTURE EXTENSIONS.
 - ALL WATER LINES SHALL COMPLY WITH PROJECT SPECIFICATION 33 14 00 - 0225, SECTION 2.50.
 - ALL WATER FITTINGS SHALL COMPLY WITH PROJECT SPECIFICATION 33 14 00 - 0225, SECTION 2.51.
 - ALL WATER PIPE JOINTS SHALL COMPLY WITH PROJECT SPECIFICATION 33 14 00 - 0225, SECTION 2.52.
 - ALL BURIED IRON PIPE SHALL COMPLY WITH PROJECT SPECIFICATION 33 14 00 - 0225, SECTION 2.53. REFERENCE GEOTECHNICAL REPORT.



**PROPOSED HUB
BLOCK 1, LOT 1**
43.20 ACRES
ZONED PUD-871
FFE = 657.50'



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ARCHITECTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	STRUCTURE: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	MEP: DLR Group 51 University St. Ste. 600 Seattle, WA 98101 Ph. (206) 461-6000	CIVIL: Kimley-Horn Associates, Inc. 1437 S BOULDER AVE. TULSA, OK 74119 Ph. (918) 380-8868
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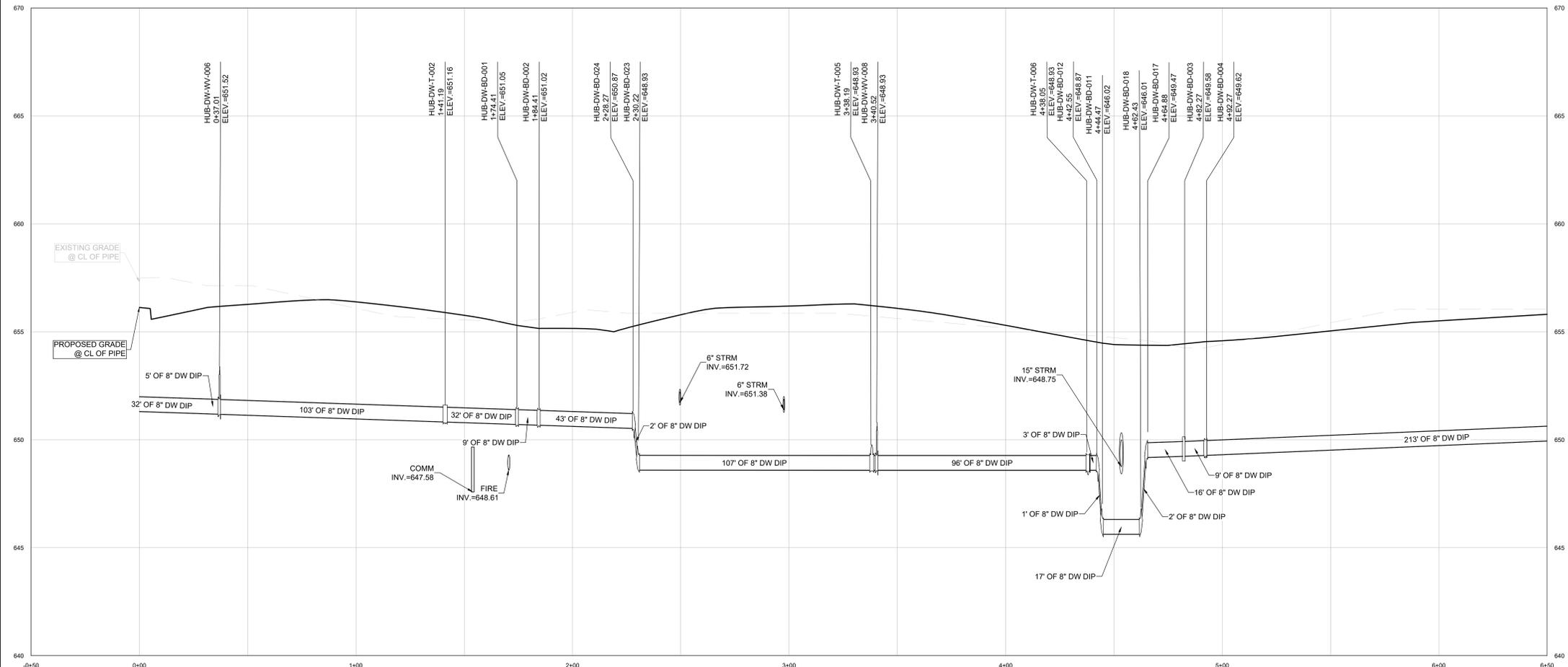
**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS		
NO.	DATE	DESCRIPTION
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2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

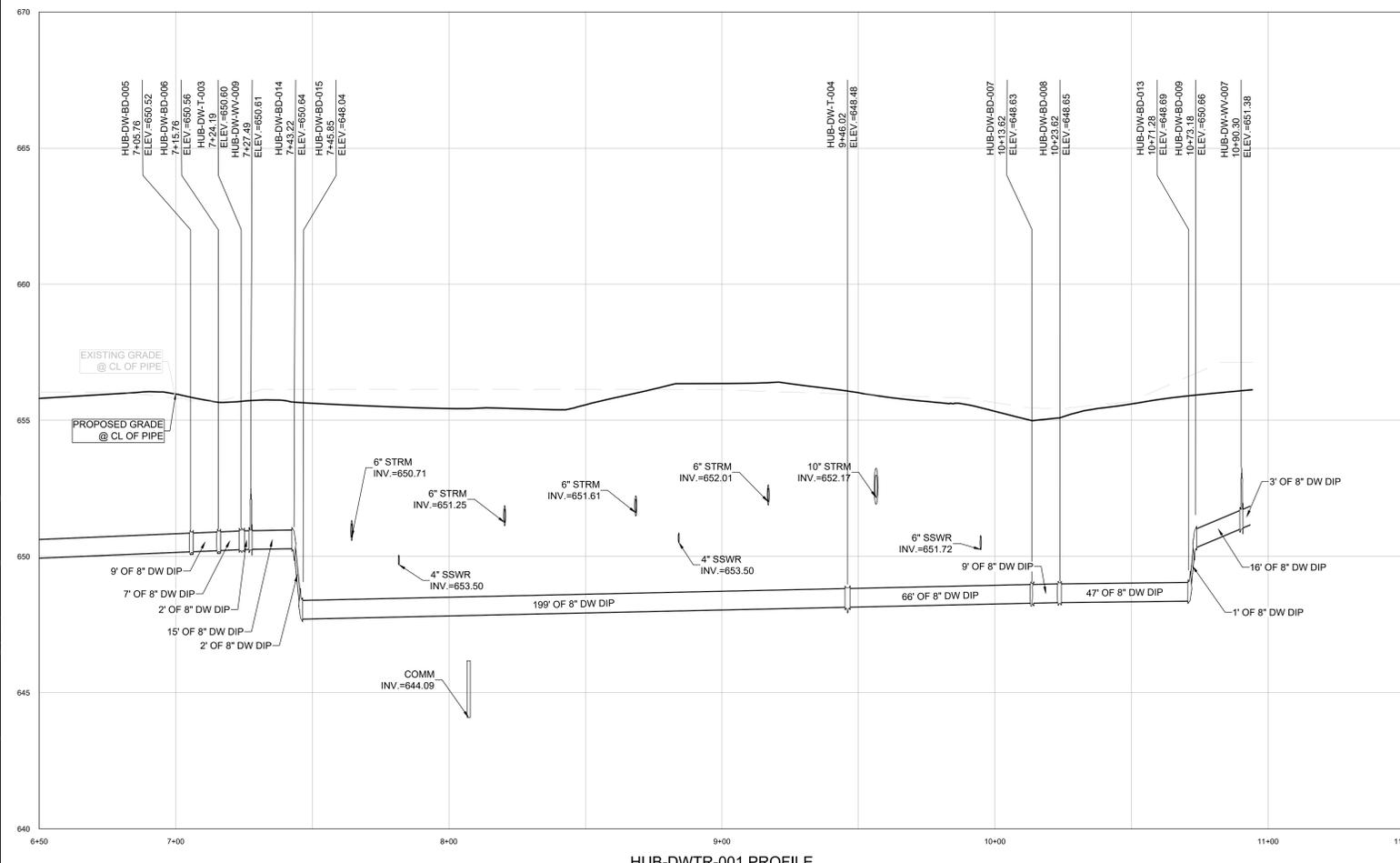
DRAWN: CYL-HUB
APPR'VD:
PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

WATER PLAN
SCALE: AS SHOWN

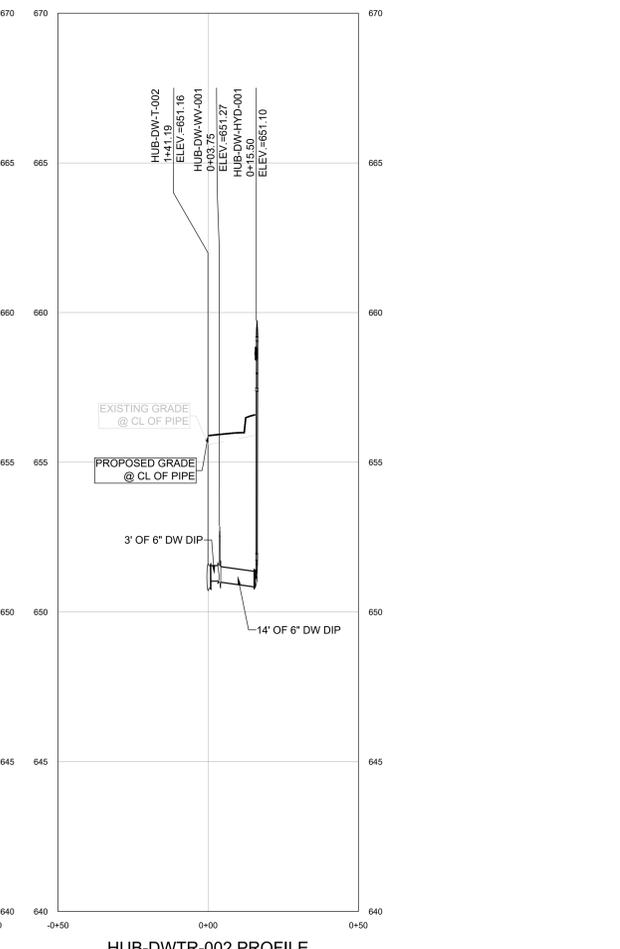
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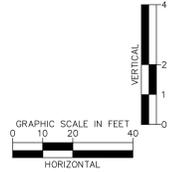
HUB-DWTR-001 PROFILE



HUB-DWTR-001 PROFILE



HUB-DWTR-002 PROFILE



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ARCHITECTURE: DLR Group
51 University St. Ste. 600
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**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
2025-09-26**

REVISIONS	
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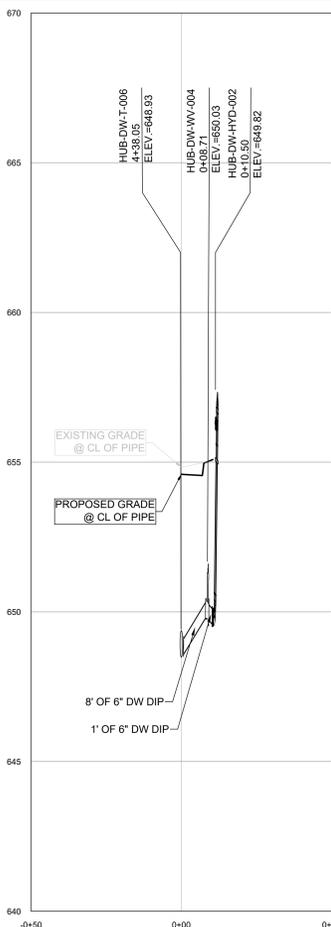
DRAWN: CYL-HUB
APPRVD:

PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

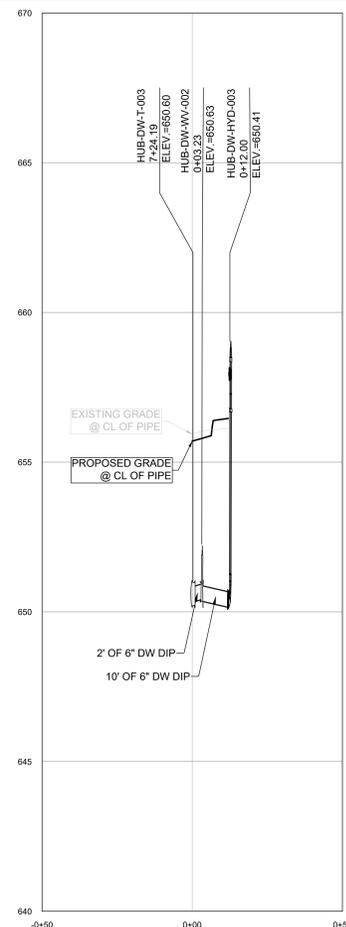
WATER PROFILES
SCALE: AS SHOWN

SHEET NUMBER:
C-6200
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN

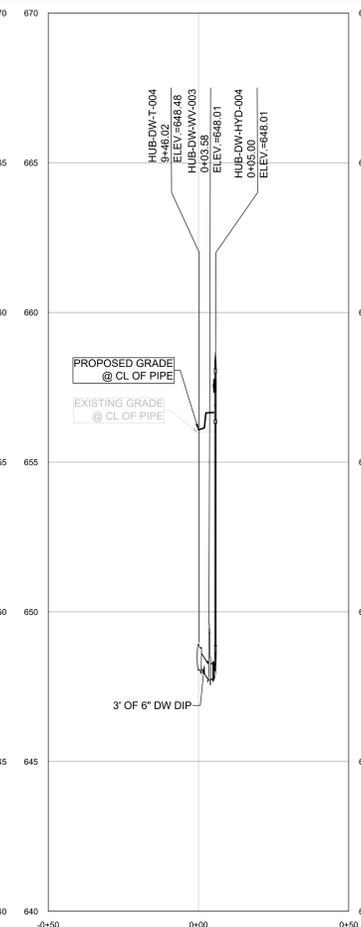
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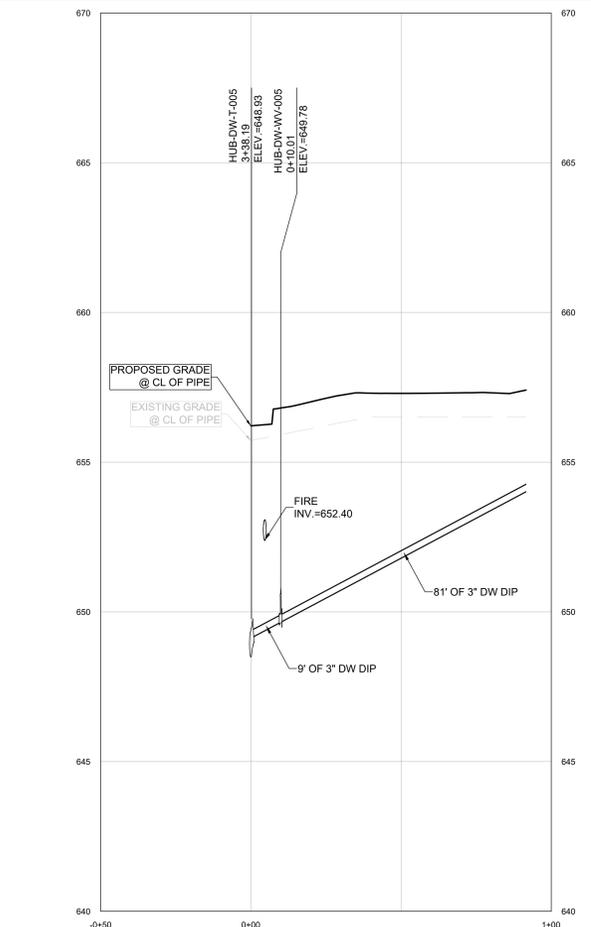
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HUB-DWTR-004 PROFILE



HUB-DWTR-005 PROFILE



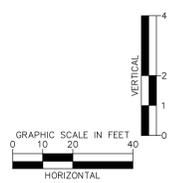
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**CYL-HUB - 95% CIVIL PLANS
(NOT FOR CONSTRUCTION)
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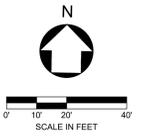
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3	2025/09/26

DRAWN: CYL-HUB
APPRVD:

PROJECT ADDRESS: CONFIDENTIAL
PROJ. NO.: 060057900

WATER PROFILES
SCALE: AS SHOWN

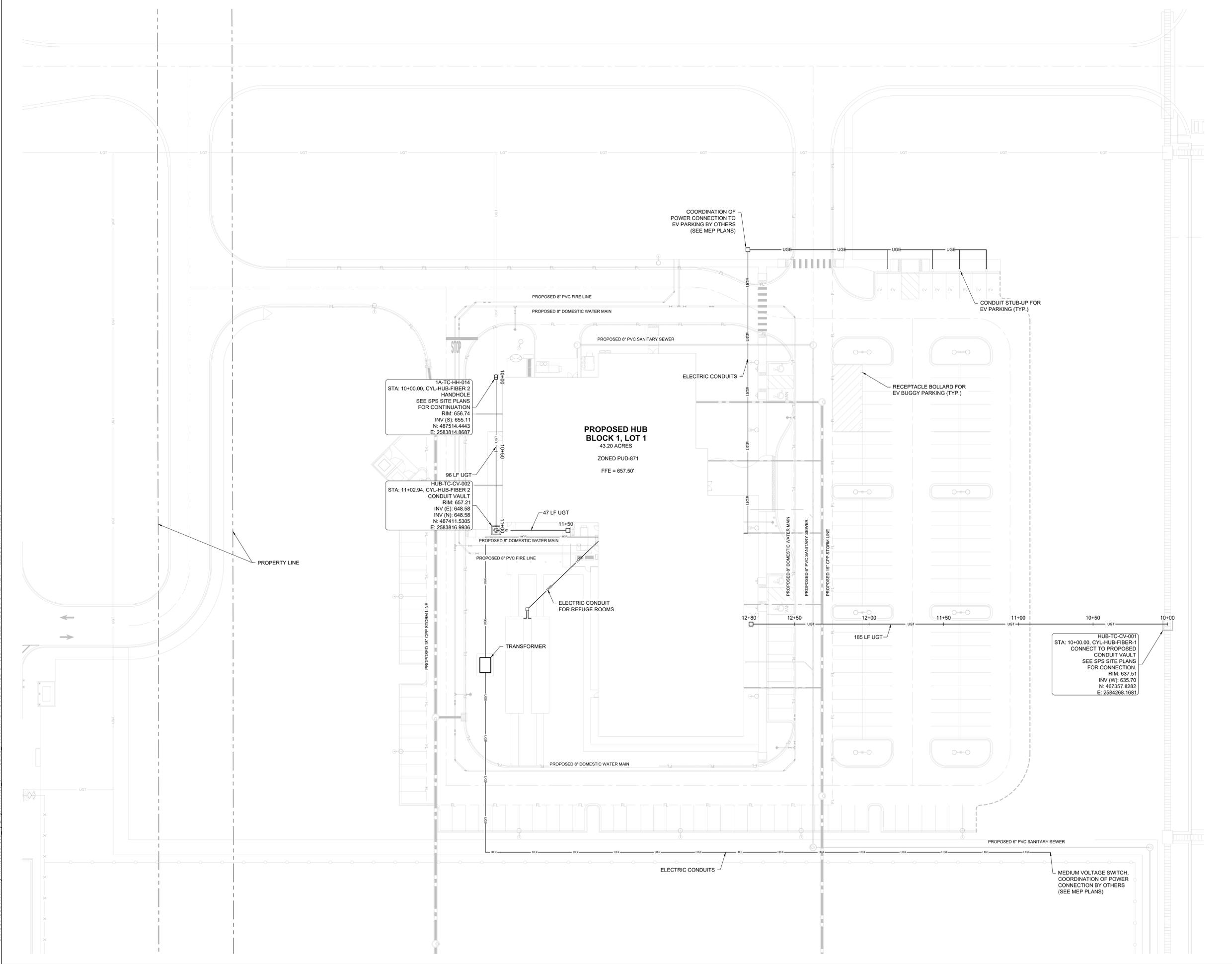
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C-6201
PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN



LEGEND

	CONDUIT VAULT
	TELECOM CONDUIT
	TOP RIM ELEVATION
	PROPOSED RCP
	UNDERGROUND ELECTRIC CONDUIT
	SANITARY SEWER
	FIRE WATER
	DOMESTIC WATER

NOTE: REFERENCE MEP PLANS FOR ALL CONDUIT COUNTS AND SIZING.



1A-TC-HH-014
STA: 10+00.00, CYL-HUB-FIBER 2
HAND-OLE
SEE SPS SITE PLANS
FOR CONTINUATION
RIM: 656.74
INV (S): 655.11
N: 467514.4443
E: 2583814.8687

HUB-TC-CY-002
STA: 11+02.94, CYL-HUB-FIBER 2
CONDUIT VAULT
RIM: 657.21
INV (E): 648.58
INV (W): 648.58
N: 467111.5305
E: 2583816.9936

HUB-TC-CY-001
STA: 10+00.00, CYL-HUB-FIBER 4
CONNECT TO PROPOSED
CONDUIT VAULT
SEE SPS SITE PLANS
FOR CONNECTION.
RIM: 637.51
INV (W): 635.70
N: 467357.8282
E: 2584268.1681

**PROPOSED HUB
BLOCK 1, LOT 1**
43.20 ACRES
ZONED PUD-871
FFE = 657.50'



Know what's below.
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**CYL-HUB - 95% CIVIL PLANS
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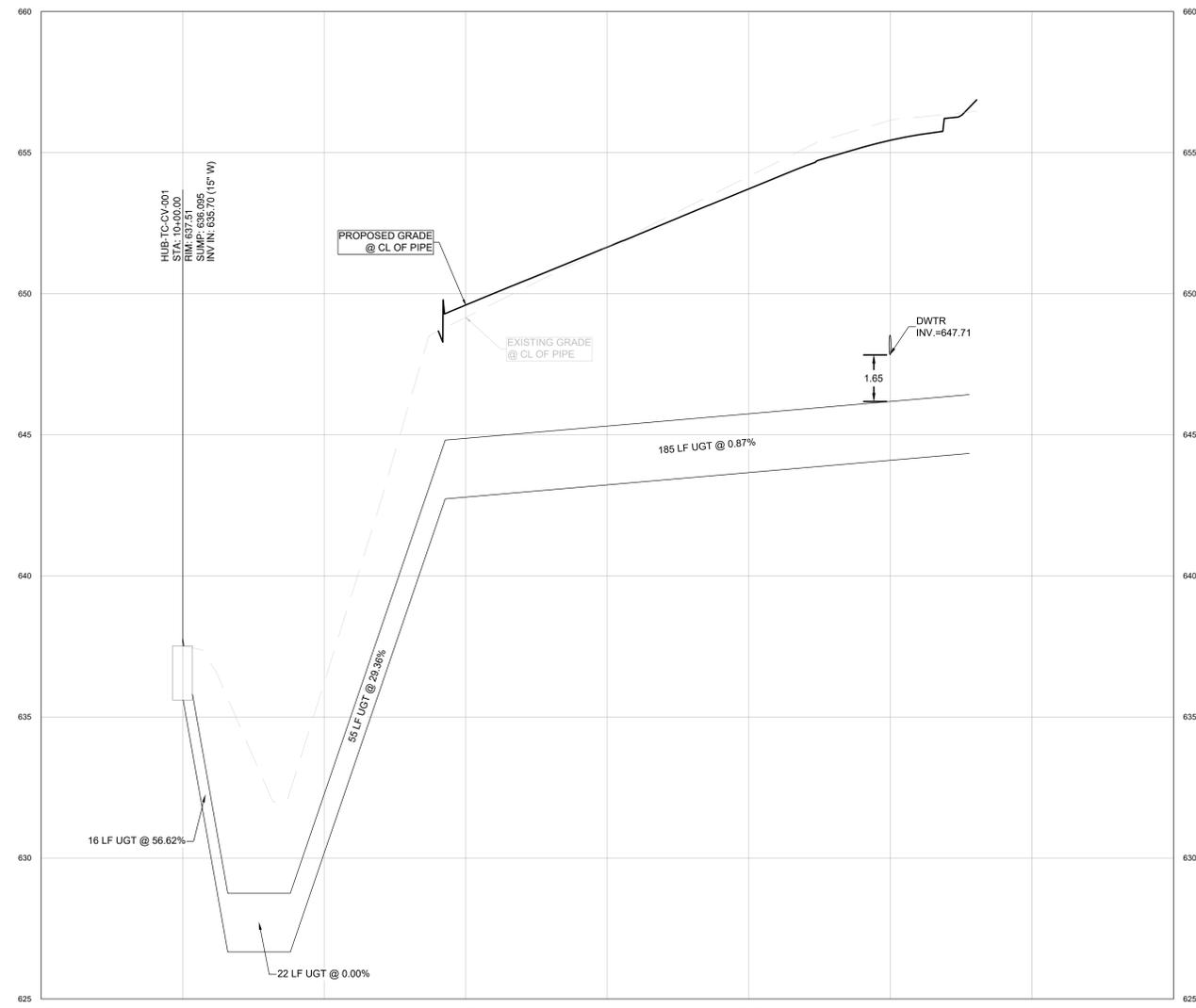
DRAWN:
APPR'D:

CYL-HUB
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

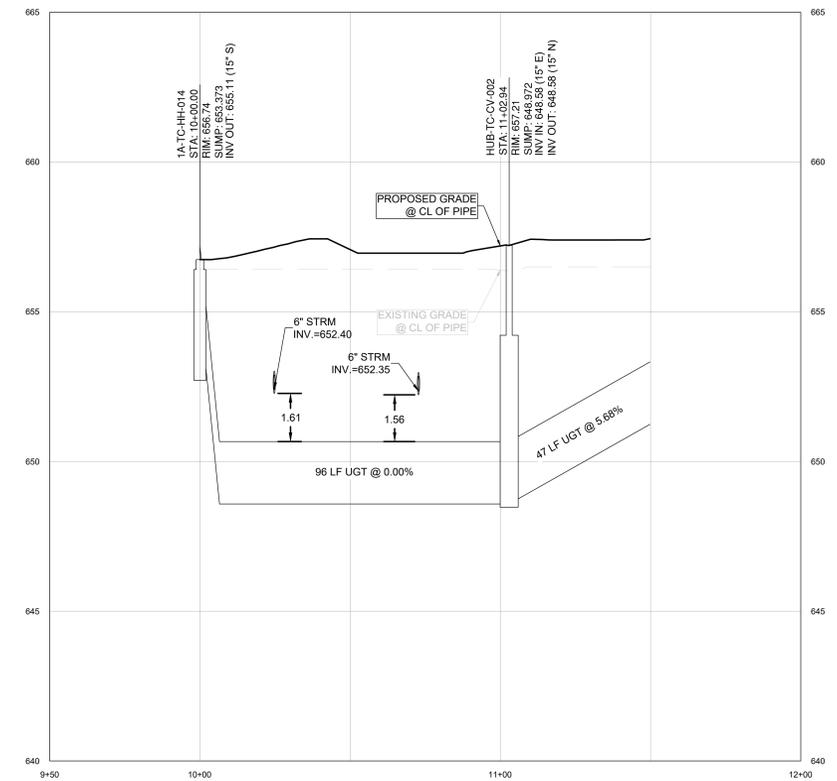
MISCELLANEOUS UTILITIES - TELECOM
SCALE: AS SHOWN

SHEET NUMBER:
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PAPER SIZE: E (36"x48")
PHASE: 95% DESIGN

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CYL-HUB-FIBER-1 PROFILE



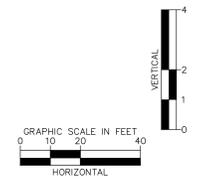
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**CYL-HUB - 95% CIVIL PLANS
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2025-09-26**

REVISIONS		
NO.	DATE	DESCRIPTION
1	2025/07/07	35% DESIGN
2	2025/08/11	65% DESIGN
3	2025/09/26	95% DESIGN

DRAWN:
APPRVD:

CYL-HUB
PROJECT ADDRESS:
CONFIDENTIAL
PROJ. NO.: 060057900

MISCELLANEOUS UTILITIES -TELECOM
PROFILES
SCALE: AS SHOWN

SHEET NUMBER:
C-7100
PAPER SIZE: E (36"x48")
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