

LARGE SCALE DEVELOPMENT PLANS  
FOR  
BENTONVILLE WEST HIGH SCHOOL

LOCKER ROOM  
CITY REVIEW

1359 GAMBLE ROAD  
CENTERTON AR  
APRIL 2026

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AEP-SWEP  
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ROGERS, AR 72764  
CONTACT: CHRIS ANDREOLLI (<50 LOTS)  
TELEPHONE: (479) 986-1004  
CONTACT: RON R BERTRAM (>50 LOTS)  
TELEPHONE: (479) 973-2333

DEPARTMENT OF HEALTH  
ARKANSAS DEPARTMENT OF HEALTH  
DIVISION OF ENGINEERING, SLOT 37  
4815 W. MARKHAM  
LITTLE ROCK, AR 72205  
TELEPHONE: (501) 661-2623

GOVERNING AGENCIES

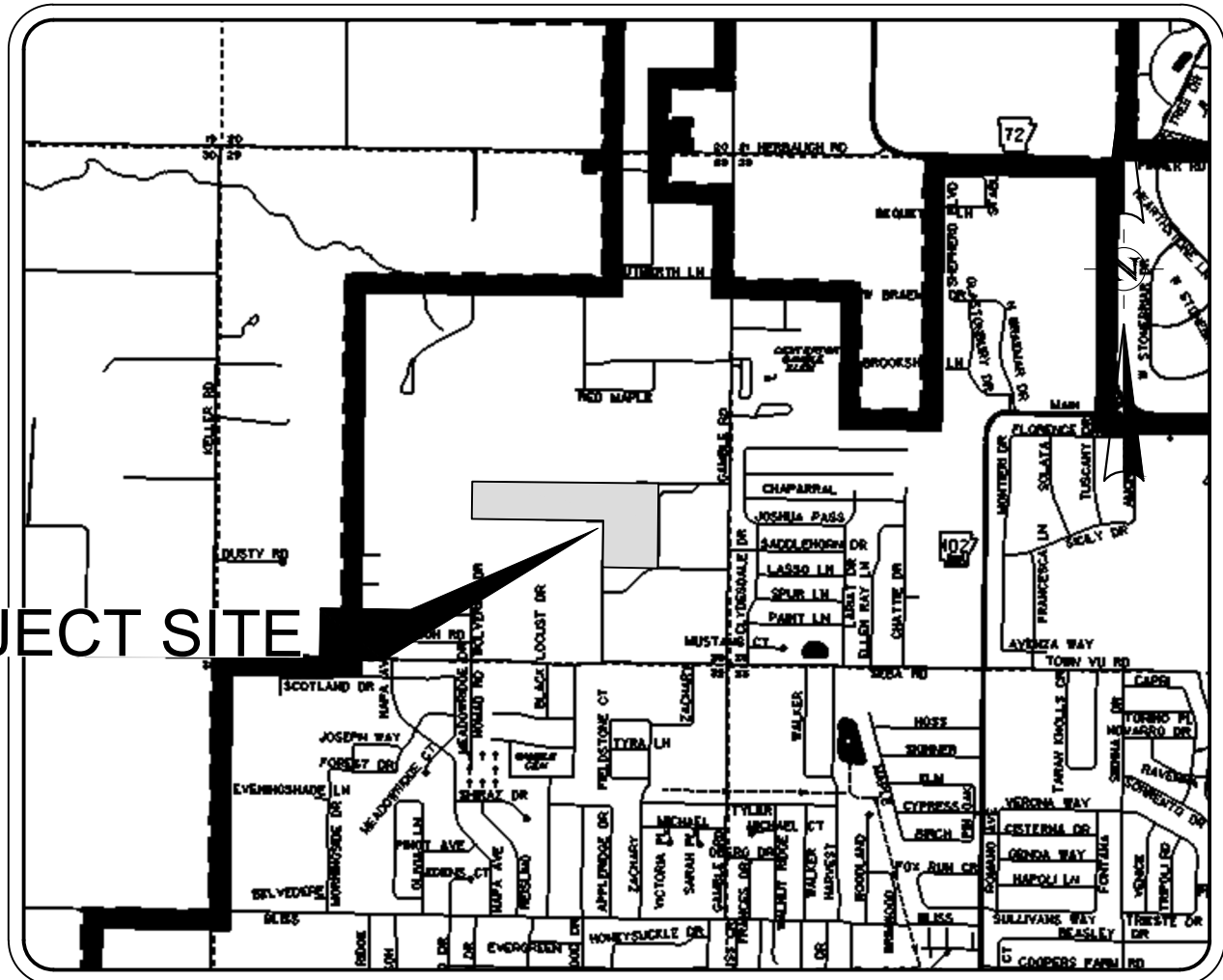
CITY OF CENTERTON

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phigginbotham@centertonfire.com

PROJECT SITE



LOCATION MAP

NOT TO SCALE

OWNER/CLIENT:

BENTONVILLE SCHOOL DISTRICT  
JANET SCHWANHAUSER  
DEPUTY SUPERINTENDENT AND CFO  
500 TIGER BLVD  
BENTONVILLE, AR 72712  
TEL. 479-254-5019 MOBILE (479) 466-9526  
jschwanhauser@bentonvillek12.org

PREPARED BY:



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L1.0	LANDSCAPE PLAN

NOTE:  
1. THERE ARE NO KNOWN WETLANDS ON SITE

PROPOSED USE: EDUCATION FACILITIES

ZONING - AGRICULTURAL (A-1)

BUILDING SETBACKS

FRONT YARD	SIDE YARD	REAR YARD
35'	15'	25'

City of Centerton Approval: Planning Commission Approval Date: \_\_\_\_\_ Review of these plans and associated reports is limited to general compliance with jurisdictional Codes and Regulations and does not serve to warrant the Engineer's design or relieve the developers of any requirements, even if errors, omissions, or inadequacies are discovered after plan approval. The jurisdictional requirements shall govern over any conflicts with the plans or specifications and any conditions determined in the field which require changes shall be subject to further review and corrective action.

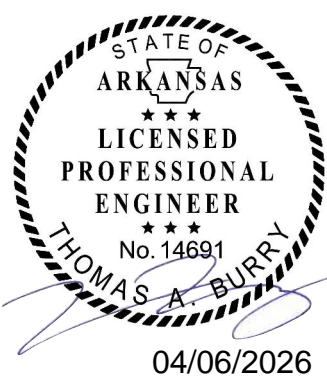
City Engineer \_\_\_\_\_ Date \_\_\_\_\_

Planning Department Director \_\_\_\_\_ Date \_\_\_\_\_

Street Department \_\_\_\_\_ Date \_\_\_\_\_

Water & Sewer Department \_\_\_\_\_ Date \_\_\_\_\_

Fire Department \_\_\_\_\_ Date \_\_\_\_\_



THE SEAL ORIGINALLY APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY:  
TOM BURRY 14691  
NAME PE LICENSE NO.  
04-06-2026  
DATE  
THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICES OF:  
HALFF  
1470 AR  
FIRM / BUSINESS NO. STATE

FEMA CERTIFICATION

BASED UPON REVIEW OF FEMA FIRM: BENTON COUNTY, ARKANSAS AND INCORPORATED AREAS, AND BY GRAPHIC PLOTTING ONLY, A PORTION OF THIS PROPERTY LIES WITHIN ZONE AE - AREAS DETERMINED TO BE INSIDE OF THE 1% ANNUAL CHANCE FLOODPLAIN, WITH BASE FLOOD ELEVATIONS DETERMINED. SURVEYOR ASSUMES NO LIABILITY FOR THE CORRECTNESS OF CITED MAP.  
MAP: 05007C0070J

EFFECTIVE DATE: SEPTEMBER 28, 2007

AVO: 63371.001 DATE: APRIL 2026

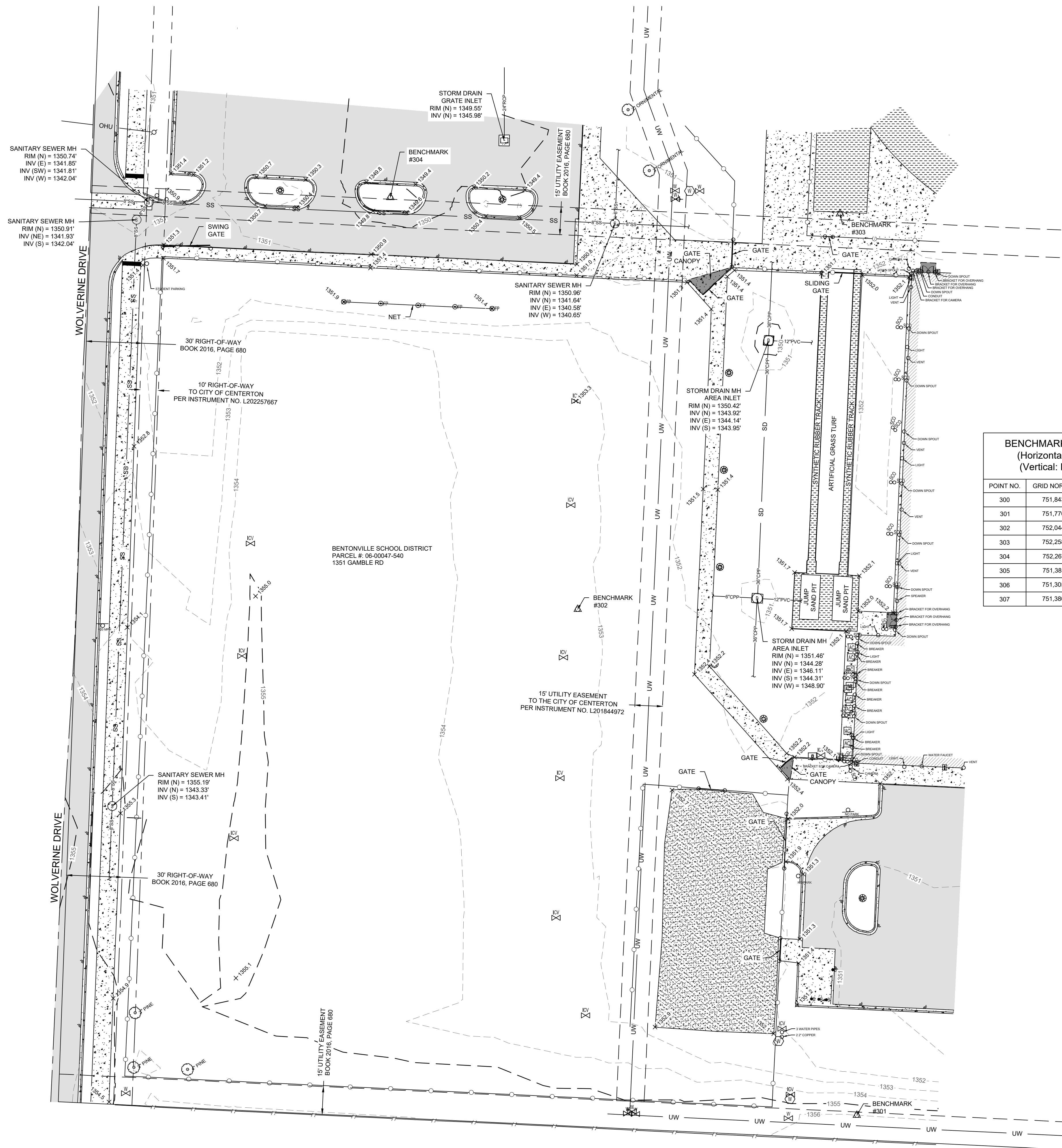


THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING SIZE, TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE "ARKANSAS 811" SYSTEM AT 1-800-482-8998 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR FIELD VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES, AND SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR-DAMAGED UTILITIES TO THE UTILITY COMPANY'S APPROVAL AT THE EXPENSE OF THE CONTRACTOR.

G0.1



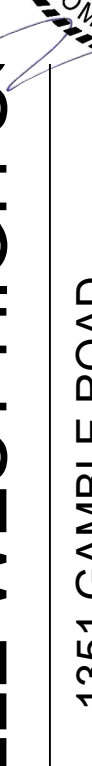
EXHIBIT "A"




BENCHMARK POINT TABLE (GRID COORDINATES)				
(Horizontal: NAVD83 based on GPS observations)				
(Vertical: NAD88 based on GPS observations)				
POINT NO.	GRID NORTHING	GRID EASTING	ELEVATION	DESCRIPTION
300	751,843.66	635,392.02	1,353.44	5/8" SIR W/TP CAP
301	751,770.19	634,983.34	1,356.10	5/8" SIR W/TP CAP
302	752,044.42	634,832.13	1,353.09	5/8" SIR W/TP CAP
303	752,258.83	634,974.30	1,351.37	SET MAG NAIL TP
304	752,267.81	634,730.60	1,350.44	5/8" SIR W/TP CAP
305	751,381.21	636,397.86	1,355.30	5/8" SIR W/TP CAP
306	751,305.43	636,263.86	1,355.99	5/8" SIR W/TP CAP
307	751,380.53	636,163.86	1,356.53	5/8" SIR W/TP CAP

LEGEND:

- |  |                                |  |                                |
|--|--------------------------------|--|--------------------------------|
|  | SECTION LINE                   |  | QUARTER SECTION LINE           |
|  | SUBJECT BOUNDARY               |  | ADJACENT BOUNDARY LINE         |
|  | RIGHT-OF-WAY LINE              |  | ROAD CENTERLINE                |
|  | EASEMENT LINE                  |  | MINOR CONTOUR LINE             |
|  | MAJOR CONTOUR LINE             |  | TREE LINE                      |
|  | BASE FLOOD ELEVATION LINE      |  | OVERHEAD UTILITY LINE          |
|  | UNDERGROUND ELECTRIC LINE      |  | UNDERGROUND TELEPHONE LINE     |
|  | UNDERGROUND COMMUNICATION LINE |  | UNDERGROUND FIBER OPTIC LINE   |
|  | UNDERGROUND CABLE TV LINE      |  | ROOF OVERHANG                  |
|  | BARBED WIRE FENCE              |  | CHAINLINK FENCE                |
|  | HOGWIRE FENCE                  |  | WOOD FENCE                     |
|  | METAL FENCE                    |  | UNDERGROUND GAS LINE           |
|  | UNDERGROUND SEWER LINE         |  | UNDERGROUND STORM LINE         |
|  | FLOWLINE                       |  | UNDERGROUND WATER LINE         |
|  | EDGE OF WATER                  |  | DEDICATED BOUNDARY LINE        |
|  | DEDICATED RIGHT-OF-WAY LINE    |  | DEDICATED EASEMENT LINE        |
|  | BENCHMARK, AS NOTED            |  | WATER SIGN                     |
|  | ELECTRIC RISER                 |  | WATER VALVE                    |
|  | ELECTRIC BOX                   |  | IRRIGATION CONTROL VALVE       |
|  | ELECTRIC METER                 |  | WATER METER                    |
|  | TRANSFORMER                    |  | FIRE HYDRANT                   |
|  | LIGHT POLE                     |  | WATER CLEAN OUT                |
|  | POWER POLE                     |  | WATER SPIGOT                   |
|  | GUY WIRE                       |  | FLAG POLE                      |
|  | ELECTRIC OUTLET                |  | ANTENNA TOWER                  |
|  | TELEVISION PEDESTAL            |  | BOLLARD                        |
|  | TELEPHONE UTILITY SIGN         |  | SIGN                           |
|  | TELEPHONE PEDESTAL             |  | MAILBOX                        |
|  | FIBER OPTIC UTILITY SIGN       |  | AIR CONDITIONER                |
|  | FIBER OPTIC PEDESTAL           |  | KEY PAD                        |
|  | TELEPHONE VAULT                |  | SPOT ELEVATION                 |
|  | FIBER OPTIC VAULT              |  | FOUND RAILROAD SPIKE, AS NOTED |
|  | COMMUNICATION VAULT            |  | FOUND REBAR, AS NOTED          |
|  | PROPANE TANK                   |  | FOUND NAIL, AS NOTED           |
|  | NATURAL GAS SIGN               |  | FOUND MONUMENT, AS NOTED       |
|  | GAS METER                      |  | SET 5/8" REBAR W/ PS 1913 CAP  |
|  | GAS VALVE                      |  | SET MAG NAIL W/ PS 1913 WASHER |
|  | CONTROL POINT                  |  | FENCE CORNER POST              |
|  | TREE                           |  | PVC POLYVINYL CHLORIDE PIPE    |
|  | SANITARY SEWER MANHOLE         |  | RCP REINFORCED CONCRETE PIPE   |
|  | SANITARY SEWER CLEAN OUT       |  | CMP CORRUGATED METAL PIPE      |
|  | STORM DRAIN MANHOLE            |  | CPP CORRUGATED PLASTIC PIPE    |
|  | FLARED END SECTION             |  | POC POINT OF COMMENCEMENT      |
|  |                                |  | POB POINT OF BEGINNING         |
|  |                                |  | FF FINISHED FLOOR              |
|  | ASPHALT                        |  | CONCRETE                       |
|  | GRAVEL / DIRT                  |  | LANDSCAPE                      |
|  | BUILDING                       |  | RIP-RAP                        |

<p><b>BENTONVILLE WEST HIGH SCHOOL</b></p>	<div style="text-align: center;">  <p>04/06/2026</p> </div> <p style="font-size: 1.2em; font-weight: bold; margin-top: 20px;">1351 GAMBLE ROAD SITUATED IN SOUTHEAST QUARTER OF SECTION 29, T-20-N, R-31-W CENTERTON, BENTON COUNTY, ARKANSAS</p>
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  2407 SE COTTONWOOD ST. BENTONVILLE AR 72712 TEL (479) 273-2209	
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REVISION NO.	DATE	DESCRIPTION

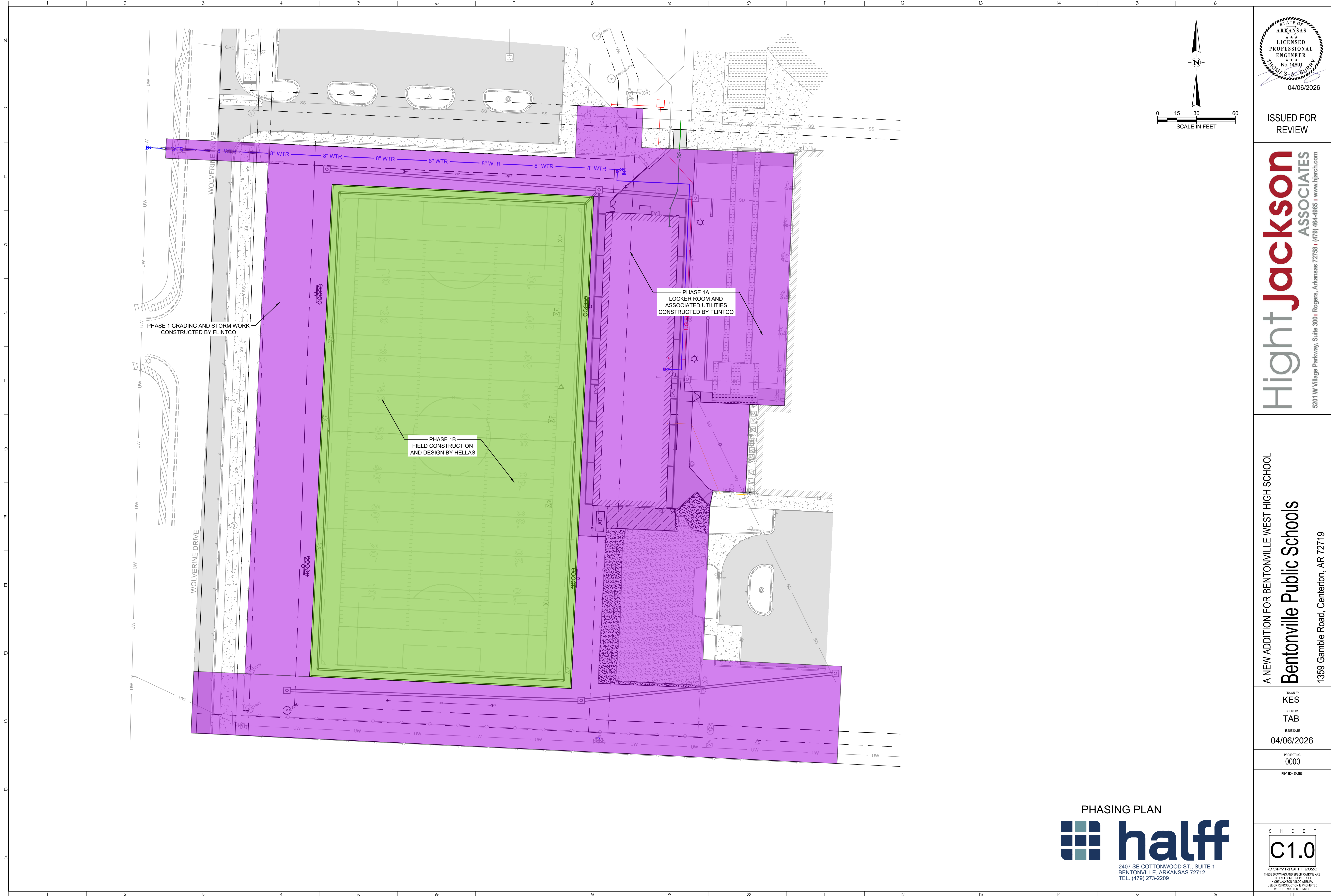
<h2 style="margin: 0;">PRELIMINARY</h2> <p style="margin: 0;">FOR INTERIM REVIEW ONLY</p> <p style="font-size: 0.8em; margin: 5px 0;">THESE DOCUMENTS ARE FOR INTERIM REVIEW AND NOT INTENDED FOR REGULATORY APPROVAL. PERMIT, BIDDING OR CONSTRUCTION PURPOSES. THEY WERE PREPARED BY OR UNDER THE SUPERVISION OF:</p>	
NAME _____	LICENSE NO. _____
DATE 1/12/2026	XX LICENSE NO. _____
XX FIRM / BUSINESS NO. _____	XX STATE _____

<p>PROJECT NO.: 63371.001</p> <p>ISSUED: 1/9/2026</p> <p>DRAWN BY: JDS</p> <p>CHECKED BY: JBB</p> <p>SCALE: 1" = 30'</p> <p>SHEET TITLE:</p>
--

EXHIBIT

PAGE 1 OF 2



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REVIEW

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ASSOCIATES  
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A NEW ADDITION FOR BENTONVILLE WEST HIGH SCHOOL  
**Bentonville Public Schools**  
1359 Gamble Road, Centerton, AR 72719

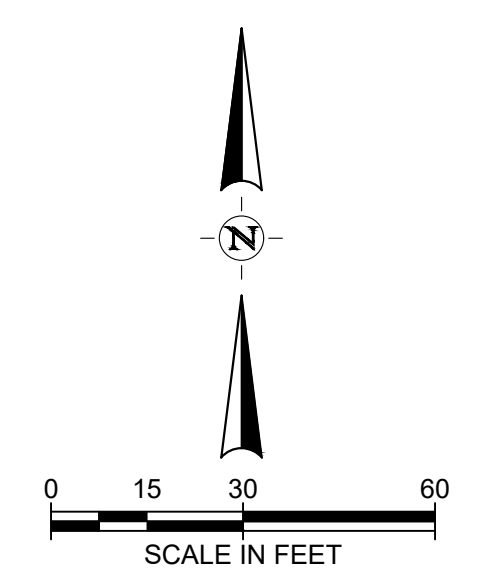
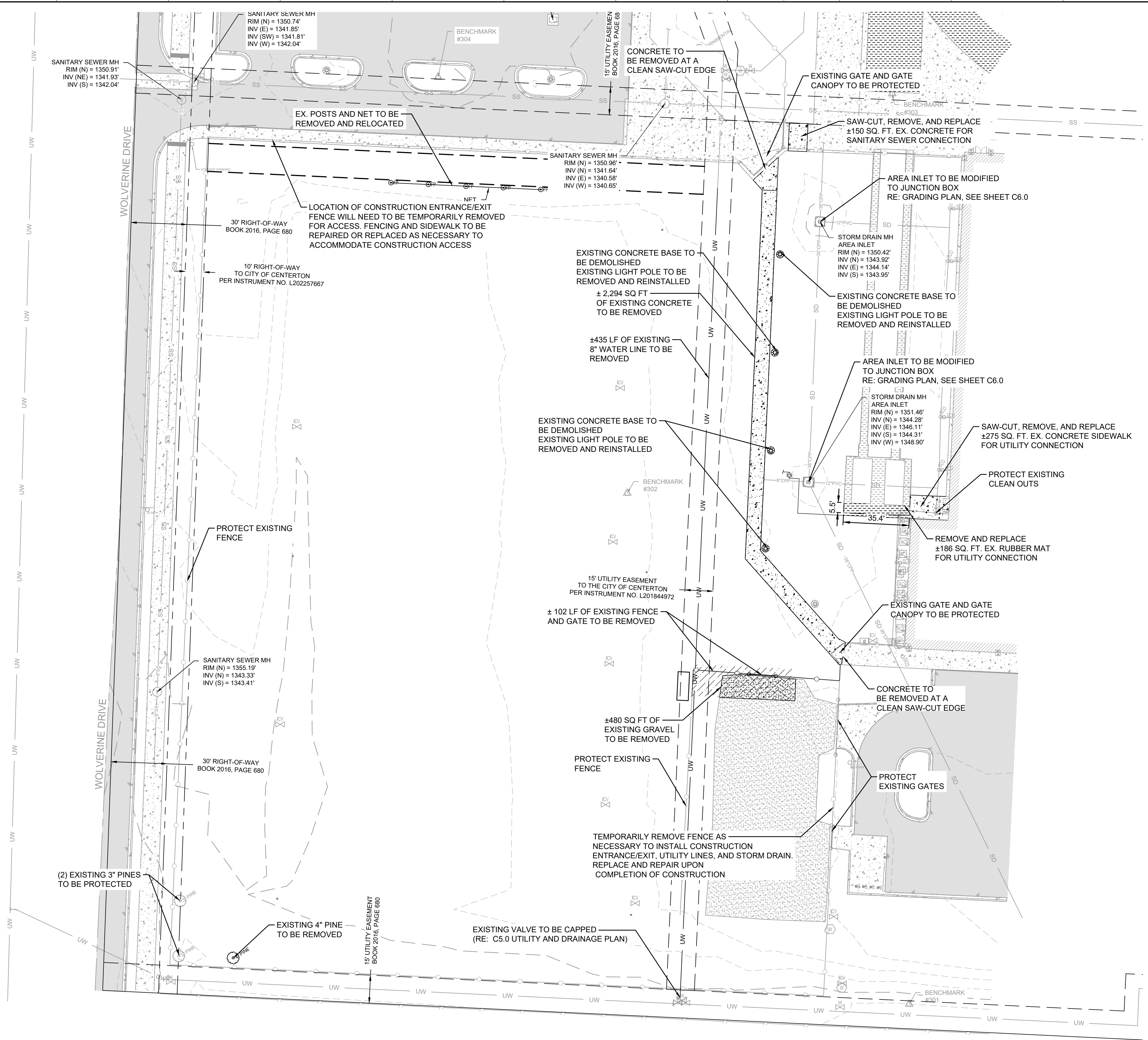
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PHASING PLAN  
**halff**  
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TEL. (479) 273-2209



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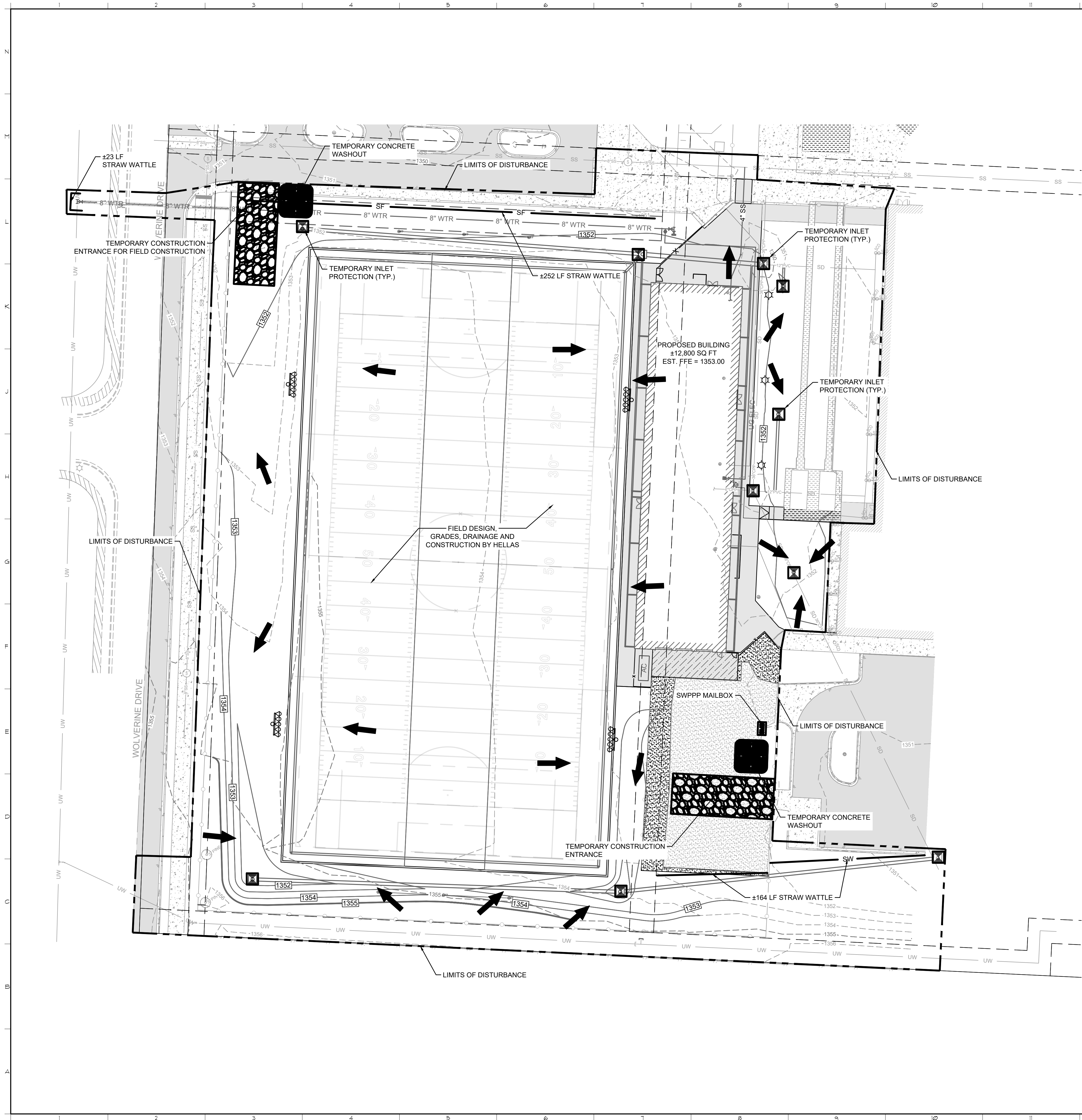
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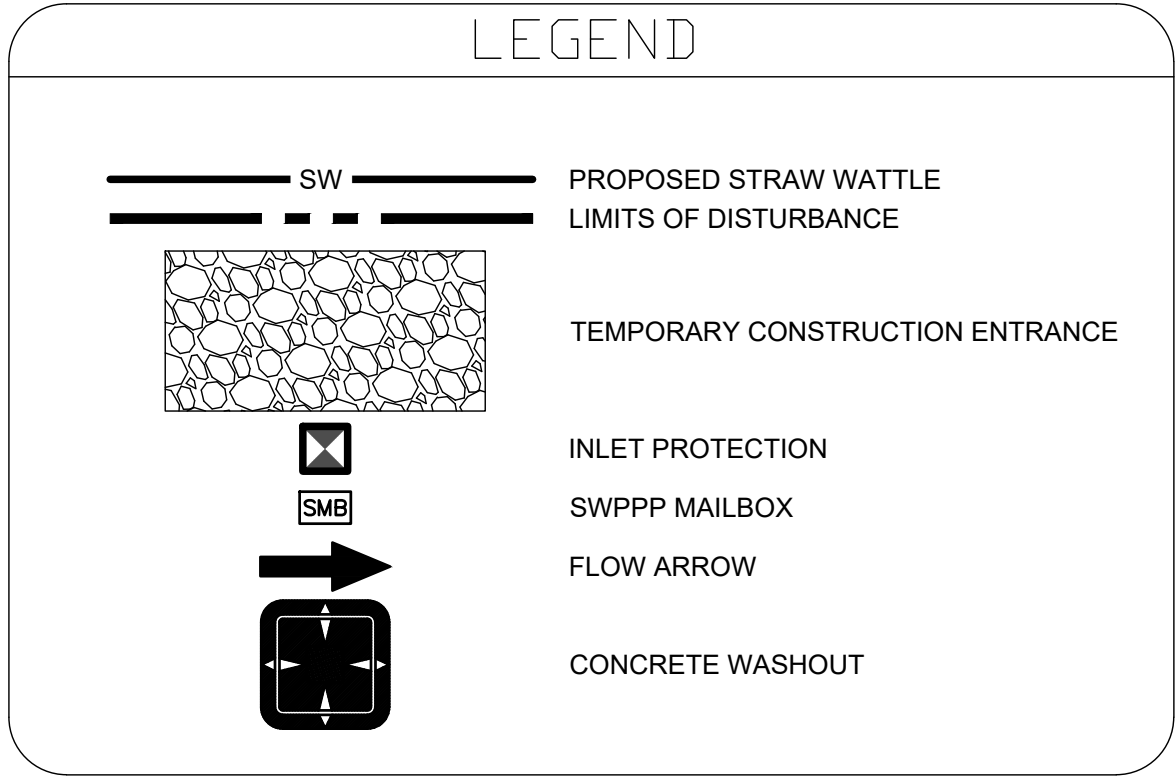
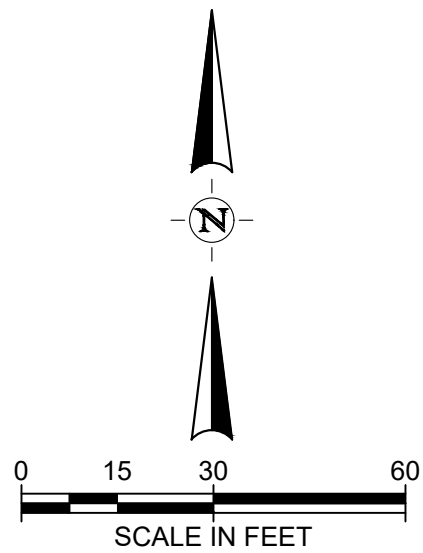
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DEMOLITION PLAN  
**halff**  
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BENTONVILLE, ARKANSAS 72712  
TEL. (479) 273-2209



NOTE:  
1. REMOVE FENCE DURING CONSTRUCTION FOR  
ENTRANCE AND REPLACE WHEN CONSTRUCTION  
IS COMPLETE.

LIMITS OF DISTURBANCE: 4.5 ACRES



SITE EROSION CONTROL GENERAL NOTES:

1. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED, UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN TWENTY-ONE (21) DAYS. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN CALENDAR DAYS FOR THE SURFACE OF ALL PERIMETER SLOPES
2. ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY SEVEN (7) DAYS OR EVERY 14 DAYS AND AFTER EACH RAINFALL OCCURRENCE THAT EXCEEDS ONE-QUARTER (0.25) INCH. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED OR REPLACED, AS NECESSARY.
3. PROVIDE TIRE WASH, SILT FENCE, INLET PROTECTION, AND/OR OTHER EROSION CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING ALL PHASES OF CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED OF DEBRIS, FINISH GRADED, AND STABILIZED WITH PERMANENT VEGETATION IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION.
4. ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED UNTIL THE COMPLETION OF ALL PHASES OF CONSTRUCTION AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFF-SITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE PERMANENT VEGETATION IS ESTABLISHED.
5. ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPE BEDS SHALL BE SODDED.
6. ANY TOPSOIL STOCKPILE SHALL BE GRADED TO DRAIN AND SEEDED WITH A TEMPORARY SEED MIX.
7. DUST CONTROL ON-SITE SHALL BE MINIMIZED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
8. IF THE MAJORITY OF MUD OR DIRT IS NOT REMOVED FROM TRAFFIC EXITS, CONTRACTOR SHALL ESTABLISH ADDITIONAL VEHICLE WASH AREAS AT CONSTRUCTION TRAFFIC EXIT POINTS. RINSE-OFF WILL NOT BE ALLOWED OUTSIDE THE PROJECT CONSTRUCTION LIMITS. ANY DIRT OR MUD TRACKED ONTO ADJACENT ROADWAY SHALL BE PICKED/SWEPT UP IMMEDIATELY.
9. ALL EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH GOVERNING AUTHORITIES AND MAINTAINED AS PART OF THIS CONTRACT. CONTRACTOR TO INSTALL EROSION CONTROL IN ACCORDANCE WITH THE EROSION SEDIMENTATION CONTROL PLAN AS A MINIMUM. OTHER MEASURES MAY BE REQUIRED TO ASSURE THAT SILT IS CONTROLLED ON-SITE.

SITE SODDING NOTE:

ALL DISTURBED AREAS TO BE SODDED SHALL BE TOPSOILED TO A MINIMUM DEPTH OF 4", FERTILIZED AT A RATE OF 250 POUNDS PER ACRE, AND SODDED WITH TURF-TYPE BERMUDA GRASS. IF LOCATED ON SLOPES 3:1 OR GREATER, THE CORNERS OF THE SOD MUST BE PINNED. THE CONTRACTOR SHALL WATER AND MAINTAIN THE GRASS UNTIL A HEALTHY PERMANENT STAND IS ESTABLISHED.

EROSION CONTROL PLAN

2407 SE COTTONWOOD ST., SUITE 1  
BENTONVILLE, ARKANSAS 72712  
TEL. (479) 273-2209



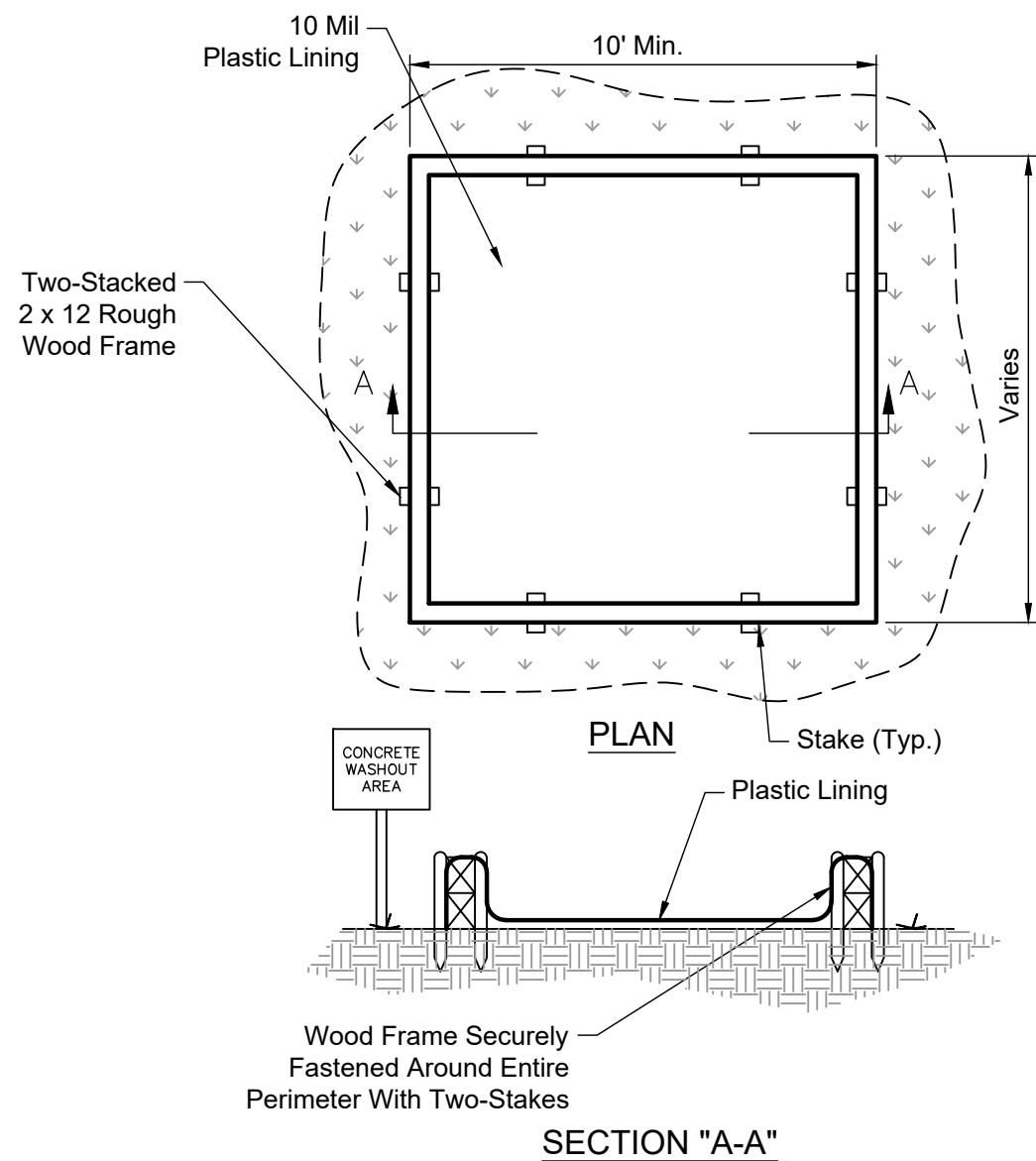
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A NEW ADDITION FOR BENTONVILLE WEST HIGH SCHOOL  
**Bentonville Public Schools**  
1359 Gamble Road, Centerton, AR 72719

DRAWN BY: <b>KES</b>
CHECKED BY: <b>TAB</b>
ISSUE DATE: <b>04/06/2026</b>
PROJECT NO.: <b>0000</b>
REVISION DATES:
SHEET <b>C3.0</b>
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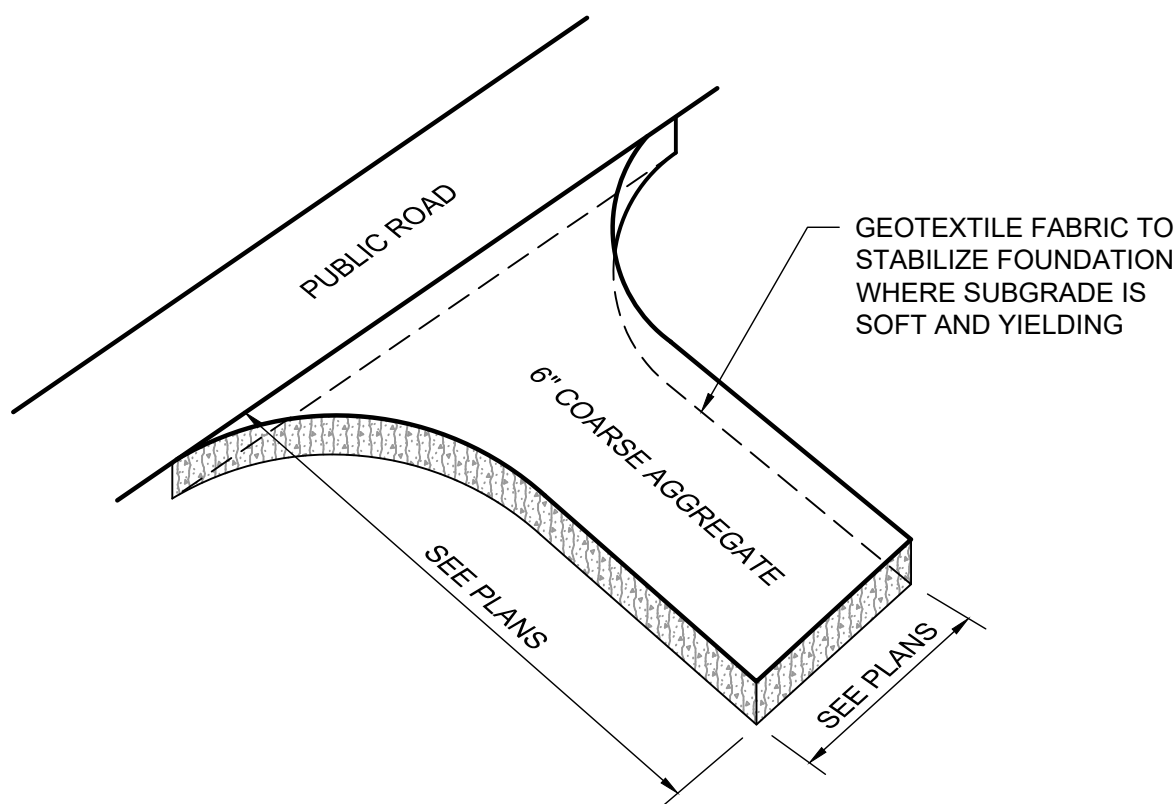


### CONCRETE WASHOUT AREA

Not to Scale 4-21-10

#### NOTES:

- Concrete Washout Area Shall be Installed Prior to Any Concrete Placement on Site.
- Vehicle Tracking Control is Required at Concrete Washout Entrance if Access to Concrete Washout Area is Off Pavement.
- The Concrete Washout Area Shall Be Repaired and/or Enlarged as Necessary to Maintain Capacity for Waste Concrete.
- Waste Material From Concrete Washout Operations Must Be Removed and Legally Disposed of When it has Accumulated Two-Thirds of the Wet Storage Capacity of the Structure.
- At the End of Construction, All Concrete Shall Be Removed From the Site and Legally Disposed of at an Approved Waste Site.
- When the Concrete Washout Area is Removed, the Disturbed Area Shall Be Seeded and Mulched or Otherwise Stabilized.



#### NOTES:

- COARSE AGGREGATE SHALL BE 3" TO 6" CRUSHED STONE.
- CLEAR THE ENTRANCE OR EXIT AREA OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL AND EXCAVATE TO GRADE.
- PLACE THE AGGREGATE TO THE GRADE AND DIMENSIONS SHOWN ON THE PLANS.
- MAINTAIN THE GRAVEL PAD IN A CONDITION TO PREVENT MUD OR SEDIMENT FROM LEAVING THE SITE. IMMEDIATELY REMOVE ALL OBJECTIONABLE MATERIALS SPILLED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS.

### EC-30: TEMPORARY CONSTRUCTION ENTRANCE

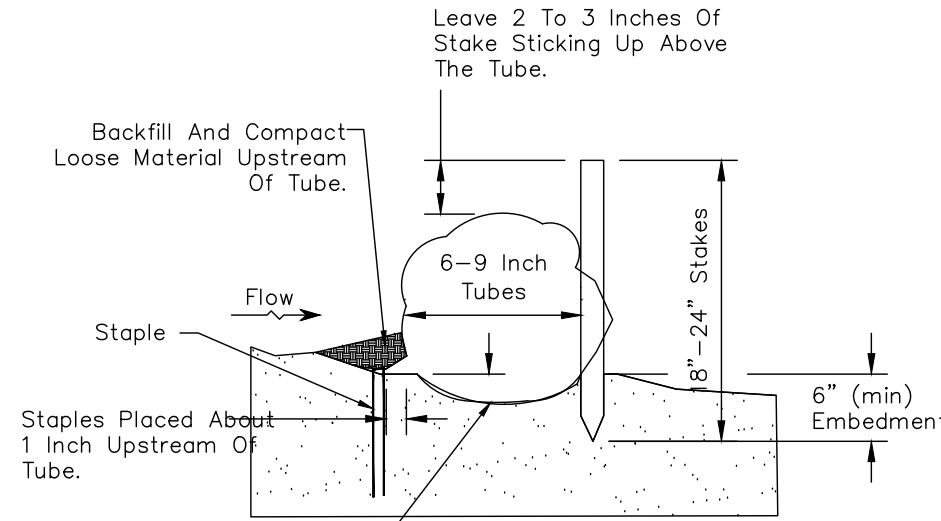
NOT TO SCALE 4-3-2024

#### SITE EROSION CONTROL GENERAL NOTES:

- STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN FOURTEEN (14) DAYS AFTER WORK HAS CEASED. UNLESS ACTIVITY IN THAT PORTION OF THE SITE WILL RESUME WITHIN TWENTY-ONE (21) DAYS. FOLLOWING INITIAL SOIL DISTURBANCE OR REDISTURBANCE, PERMANENT OR TEMPORARY STABILIZATION SHALL BE COMPLETED WITHIN SEVEN CALENDAR DAYS FOR THE SURFACE OF ALL PERIMETER SLOPES
- ALL SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSPECTED EVERY SEVEN (7) DAYS OR EVERY 14 DAYS AND AFTER EACH RAINFALL OCCURRENCE THAT EXCEEDS ONE-QUARTER (0.25) INCH. DAMAGED OR INEFFECTIVE DEVICES SHALL BE REPAIRED OR REPLACED, AS NECESSARY.
- PROVIDE TIRE WASH, SILT FENCE, INLET PROTECTION, AND/OR OTHER EROSION CONTROL DEVICES, AS MAY BE REQUIRED, TO CONTROL SOIL EROSION DURING ALL PHASES OF CONSTRUCTION. ALL DISTURBED AREAS SHALL BE CLEANED OF DEBRIS, FINISH GRADED, AND STABILIZED WITH PERMANENT VEGETATION IMMEDIATELY AFTER COMPLETION OF CONSTRUCTION.
- ALL EROSION CONTROL DEVICES SHALL BE PROPERLY MAINTAINED UNTIL THE COMPLETION OF ALL PHASES OF CONSTRUCTION AND ALL DISTURBED AREAS HAVE BEEN STABILIZED. ADDITIONAL CONTROL DEVICES MAY BE REQUIRED DURING CONSTRUCTION IN ORDER TO CONTROL EROSION AND/OR OFF-SITE SEDIMENTATION. ALL TEMPORARY CONTROL DEVICES SHALL BE REMOVED ONCE PERMANENT VEGETATION IS ESTABLISHED.
- ALL DISTURBED AREAS NOT TO BE PAVED OR LANDSCAPE BEDS SHALL BE SODDED.
- ANY TOPSOIL STOCKPILE SHALL BE GRADED TO DRAIN AND SEEDED WITH A TEMPORARY SEED MIX.
- DUST CONTROL ON-SITE SHALL BE MINIMIZED BY SPRAYING WATER ON DRY AREAS OF THE SITE. THE USE OF OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION IS PROHIBITED.
- IF THE MAJORITY OF MUD OR DIRT IS NOT REMOVED FROM TRAFFIC EXITS, CONTRACTOR SHALL ESTABLISH ADDITIONAL VEHICLE WASH AREAS AT CONSTRUCTION TRAFFIC EXIT POINTS. RINSE-OFF WILL NOT BE ALLOWED OUTSIDE THE PROJECT CONSTRUCTION LIMITS. ANY DIRT OR MUD TRACKED ONTO ADJACENT ROADWAY SHALL BE PICKED/SWEPT UP IMMEDIATELY.
- ALL EROSION AND SEDIMENTATION CONTROLS SHOWN ON THE PLANS SHALL BE CONSTRUCTED IN ACCORDANCE WITH GOVERNING AUTHORITIES AND MAINTAINED AS PART OF THIS CONTRACT. CONTRACTOR TO INSTALL EROSION CONTROL IN ACCORDANCE WITH THE EROSION SEDIMENTATION CONTROL PLAN AS A MINIMUM. OTHER MEASURES MAY BE REQUIRED TO ASSURE THAT SILT IS CONTROLLED ON-SITE.

#### SITE SODDING NOTE:

ALL DISTURBED AREAS TO BE SODDED SHALL BE TOPSOILED TO A MINIMUM DEPTH OF 4", FERTILIZED AT A RATE OF 250 POUNDS PER ACRE, AND SODDED WITH TURF-TYPE BERMUDA GRASS. IF LOCATED ON SLOPES 3:1 OR GREATER, THE CORNERS OF THE SOD MUST BE PINNED. THE CONTRACTOR SHALL WATER AND MAINTAIN THE GRASS UNTIL A HEALTHY PERMANENT STAND IS ESTABLISHED.



Leave 2 To 3 Inches Of Stake Sticking Up Above The Tube.

Backfill And Compact Loose Material Upstream Of Tube.

Flow

Staple

Staples Placed About 1 Inch Upstream Of Tube.

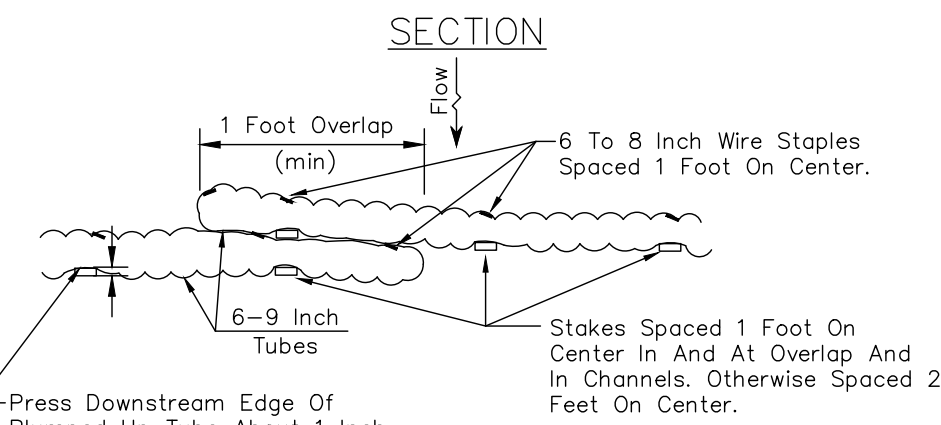
6-9 Inch Tubes

6" (min) Embedment

6" (min) Embedment

Tubes With Flocculent May Be Installed Before Or After The Installation Of Rolled Erosion Control Products. Before Installation Of Tube, Smooth And Shape Earth Surface And Remove All Stones, Roots, Or Other Debris Greater Than 2 Inches In Diameter.

If Installing Tube Across A Ditch, Then Excavate A Placement Trench About 3 Inches Deep.



#### PLAN

General Guidelines For Spacing Of Tube Trenches For Slope Installations	
Slope Gradient	Tube Interval
1H:1V	15 Feet
2H:1V	25 Feet
3H:1V	35 Feet
4H:1V	50 Feet

General Guidelines For Spacing Of Tube Trenches For Channel Installations	
Slope	Tube Interval
2%	25 Feet

Replace Tubes With Flocculent Per Manufacturer's Specifications.

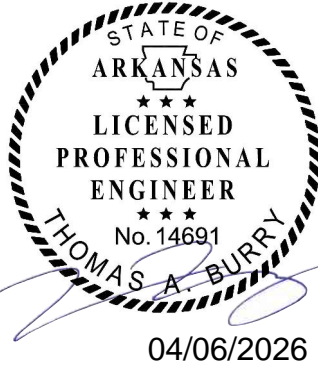
#### FIBER WATTLE

N.T.S.

#### EROSION CONTROL DETAILS



2407 SE COTTONWOOD ST., SUITE 1  
BENTONVILLE, ARKANSAS 72712  
TEL. (479) 273-2209



ISSUED FOR REVIEW

**Hight Jackson**  
ASSOCIATES

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A NEW ADDITION FOR BENTONVILLE WEST HIGH SCHOOL  
**Bentonville Public Schools**  
1359 Gamble Road, Centerton, AR 72719

DRAWN BY:

KES

CHECKED BY:

TAB

ISSUE DATE:

04/06/2026

PROJECT NO.:

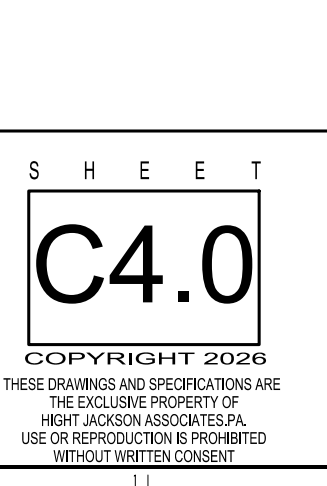
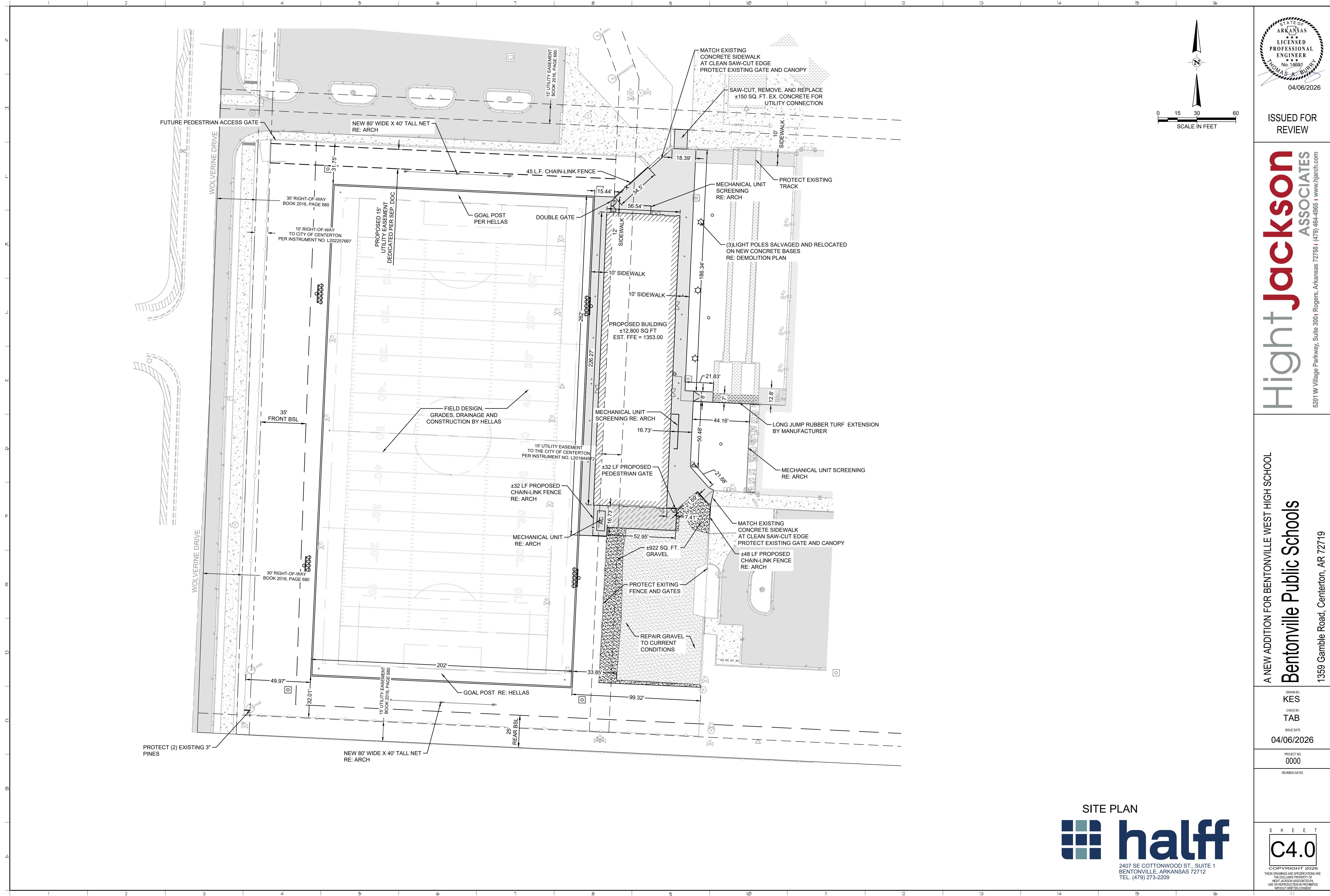
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REVISION DATES:

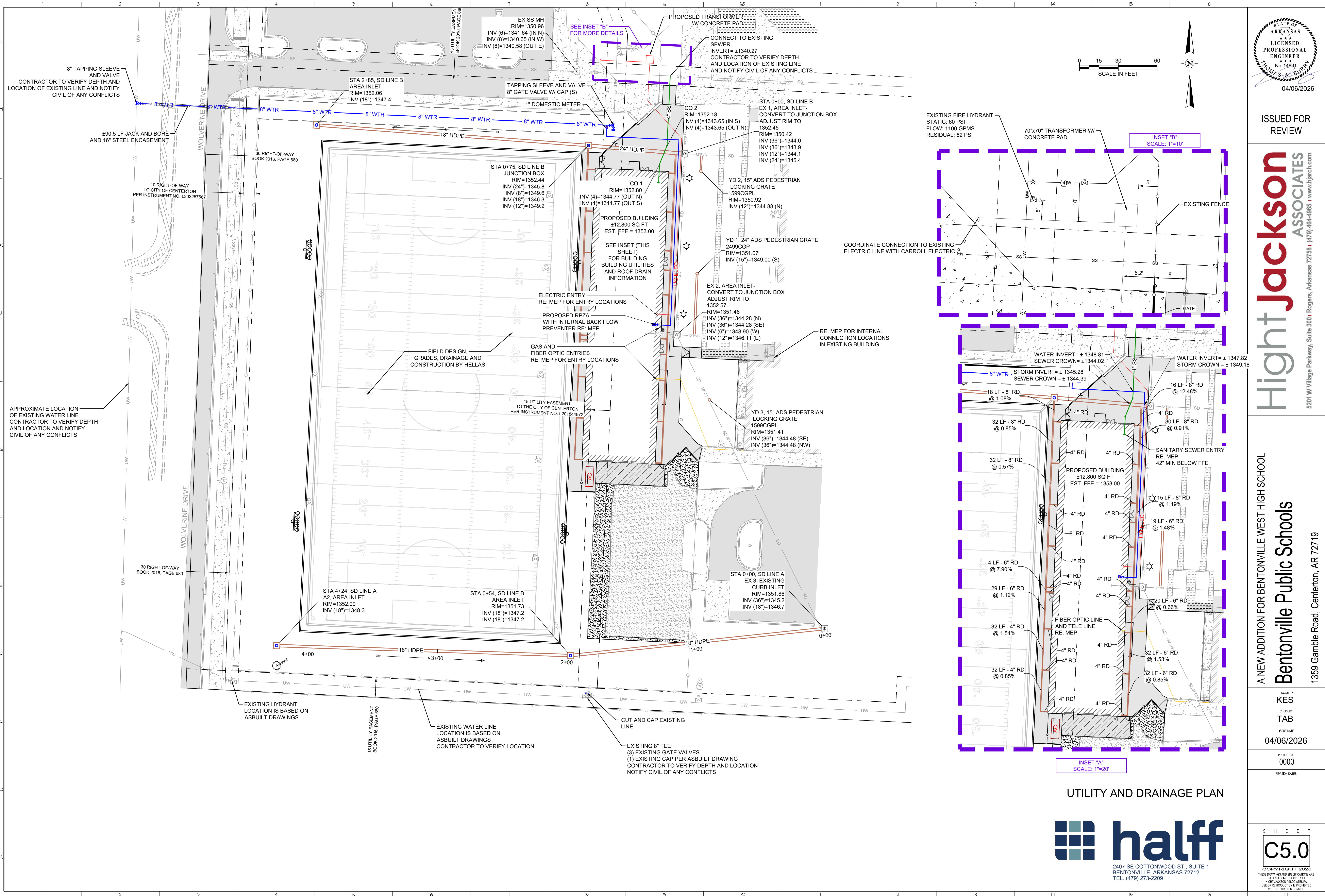
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TEL. (479) 273-2209



STATE OF ARKANSAS  
LICENSED PROFESSIONAL ENGINEER  
No. 14691  
THOMAS A. BERRY  
04/06/2026

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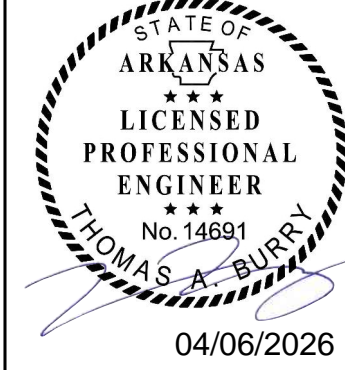
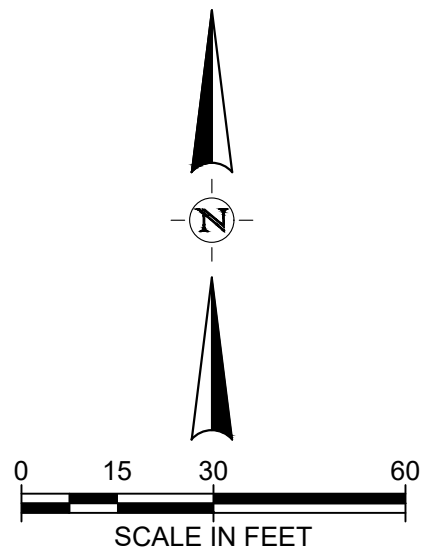
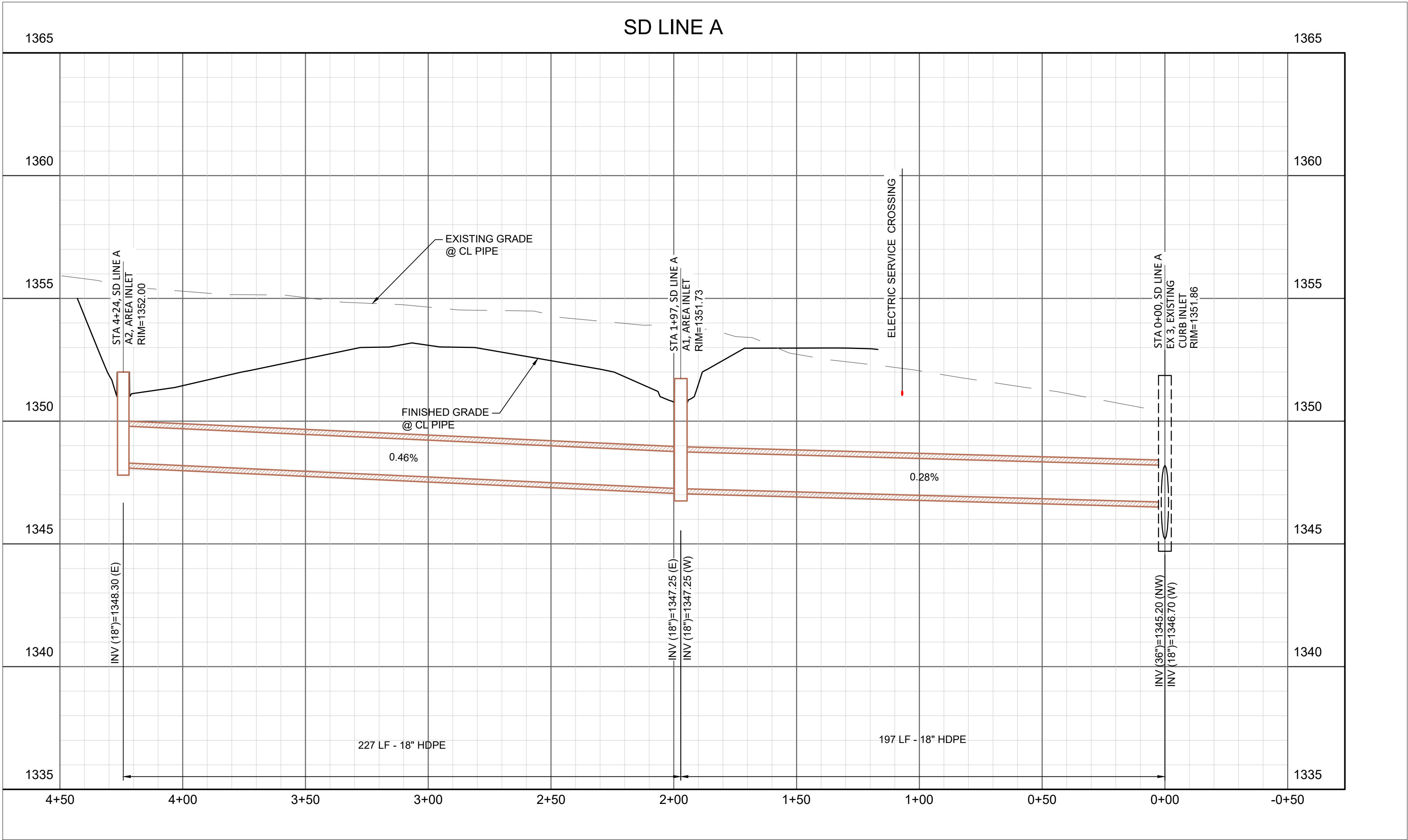
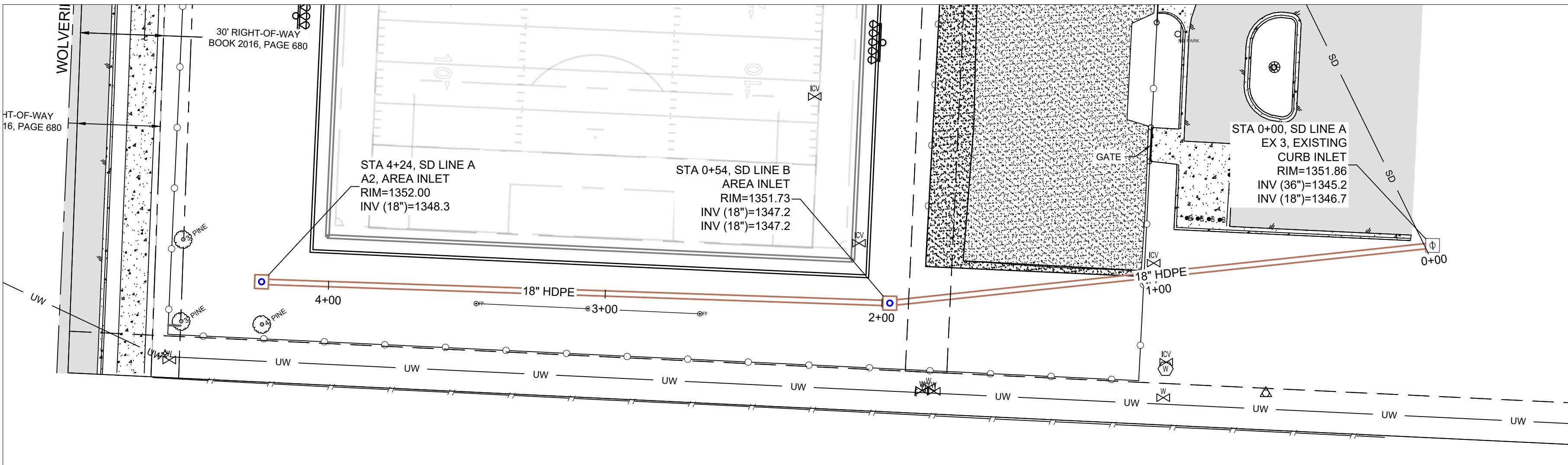
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UTILITY AND DRAINAGE PLAN

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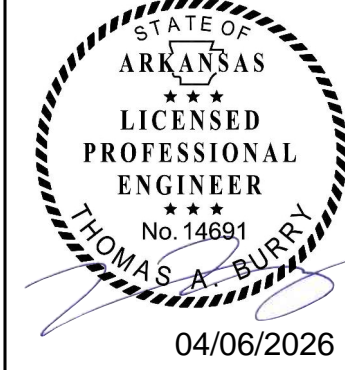
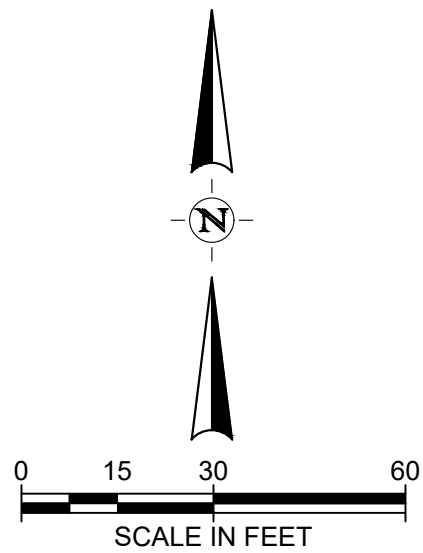
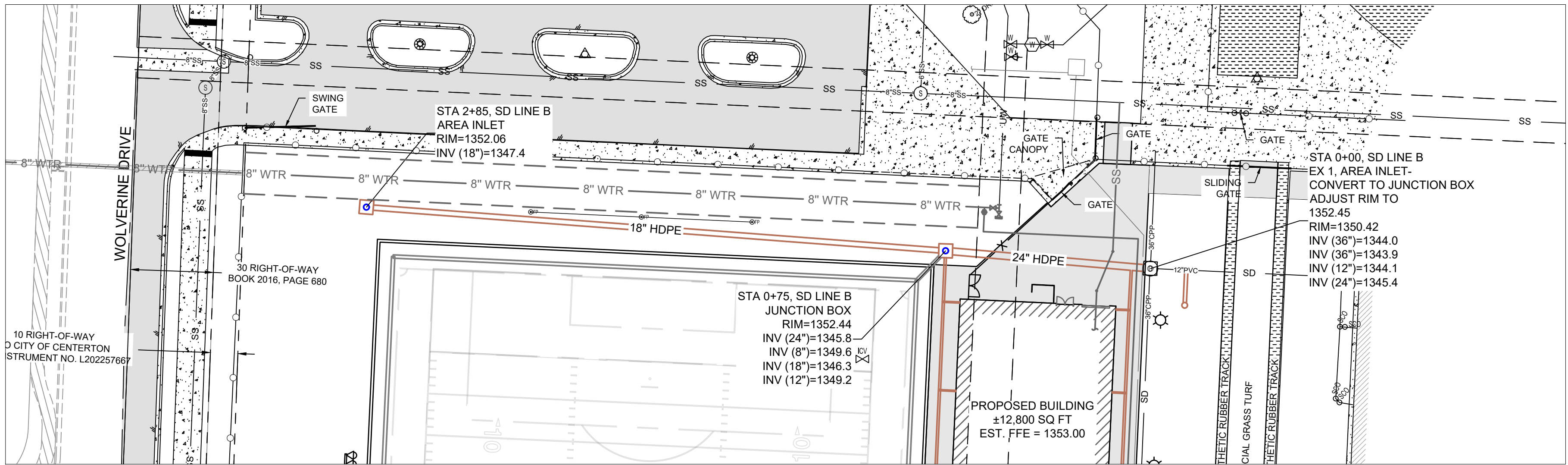
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STORM DRAIN LINE A PLAN AND PROFILE

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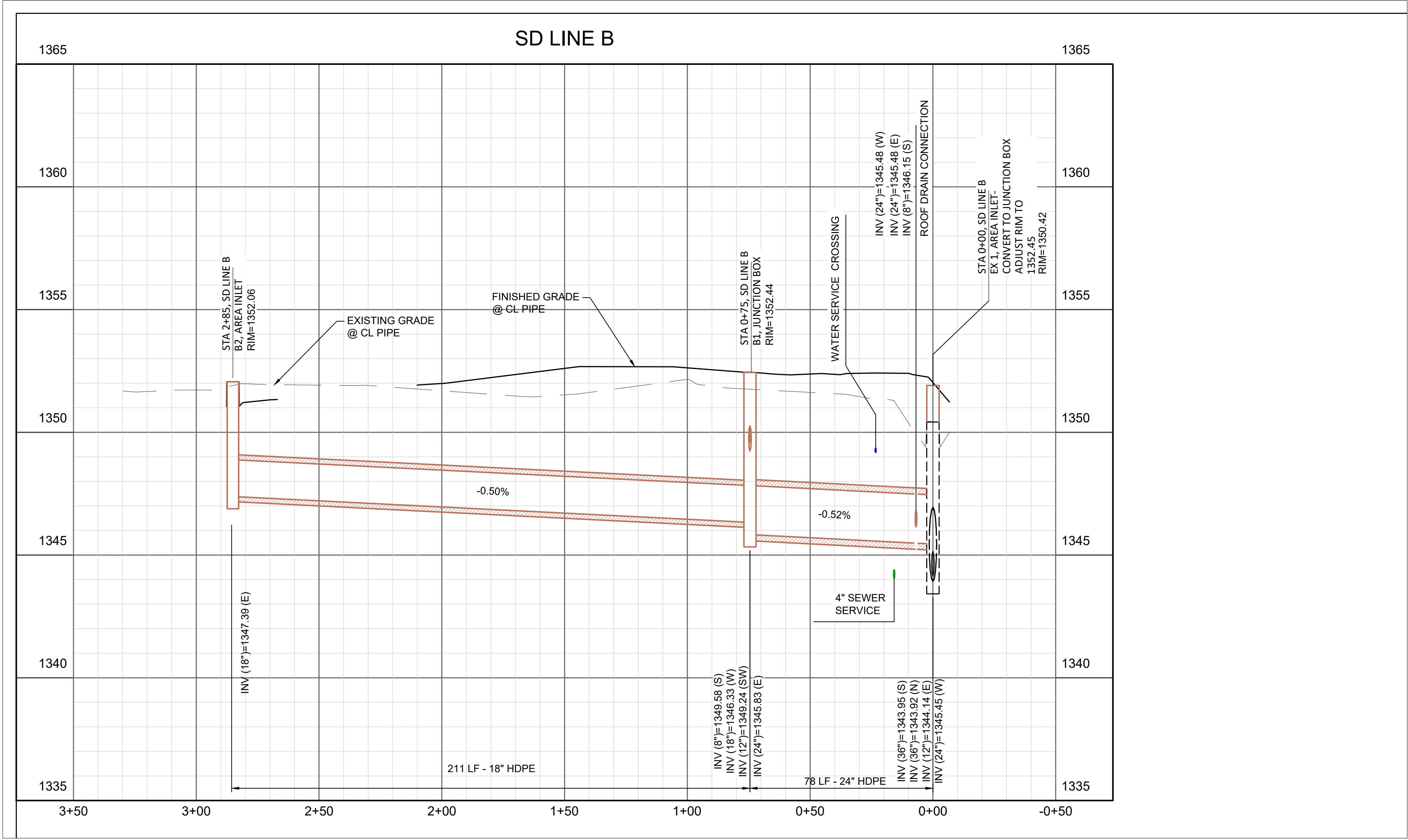
A NEW ADDITION FOR BENTONVILLE WEST HIGH SCHOOL  
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**04/06/2026**

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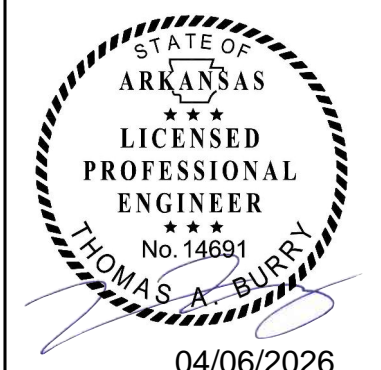
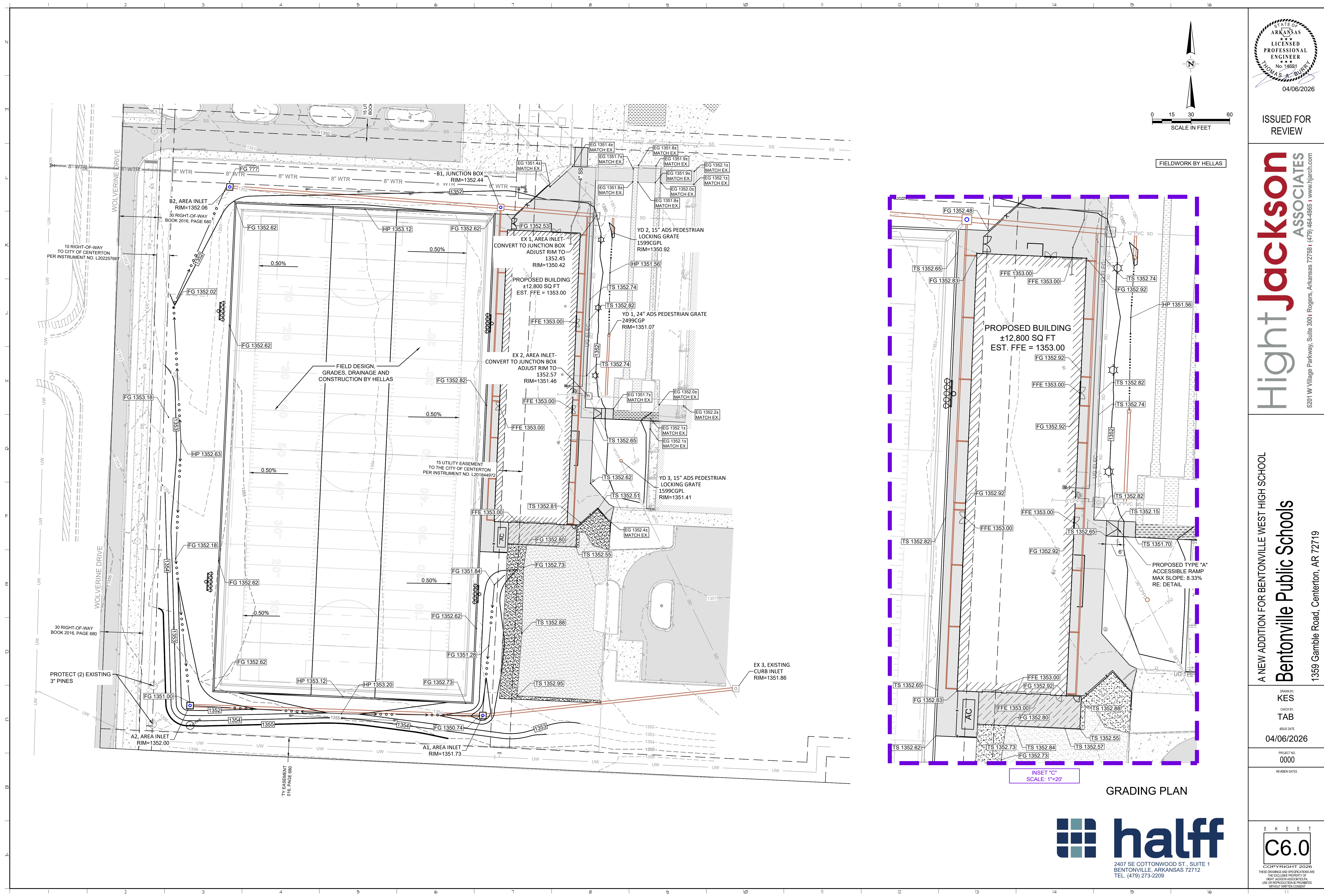
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STORM DRAIN LINE B PLAN AND PROFILE



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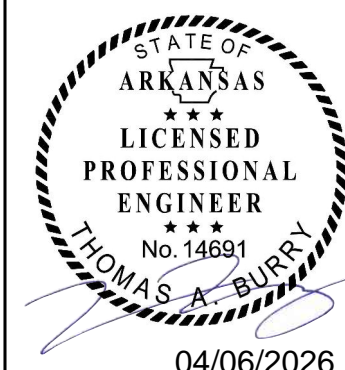
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CHECKED BY:  
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ISSUE DATE:  
**04/06/2026**  
PROJECT NO.:  
**0000**  
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GRADING PLAN

INSET "C"  
SCALE: 1"=20'



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ISSUE DATE: 04/06/2026

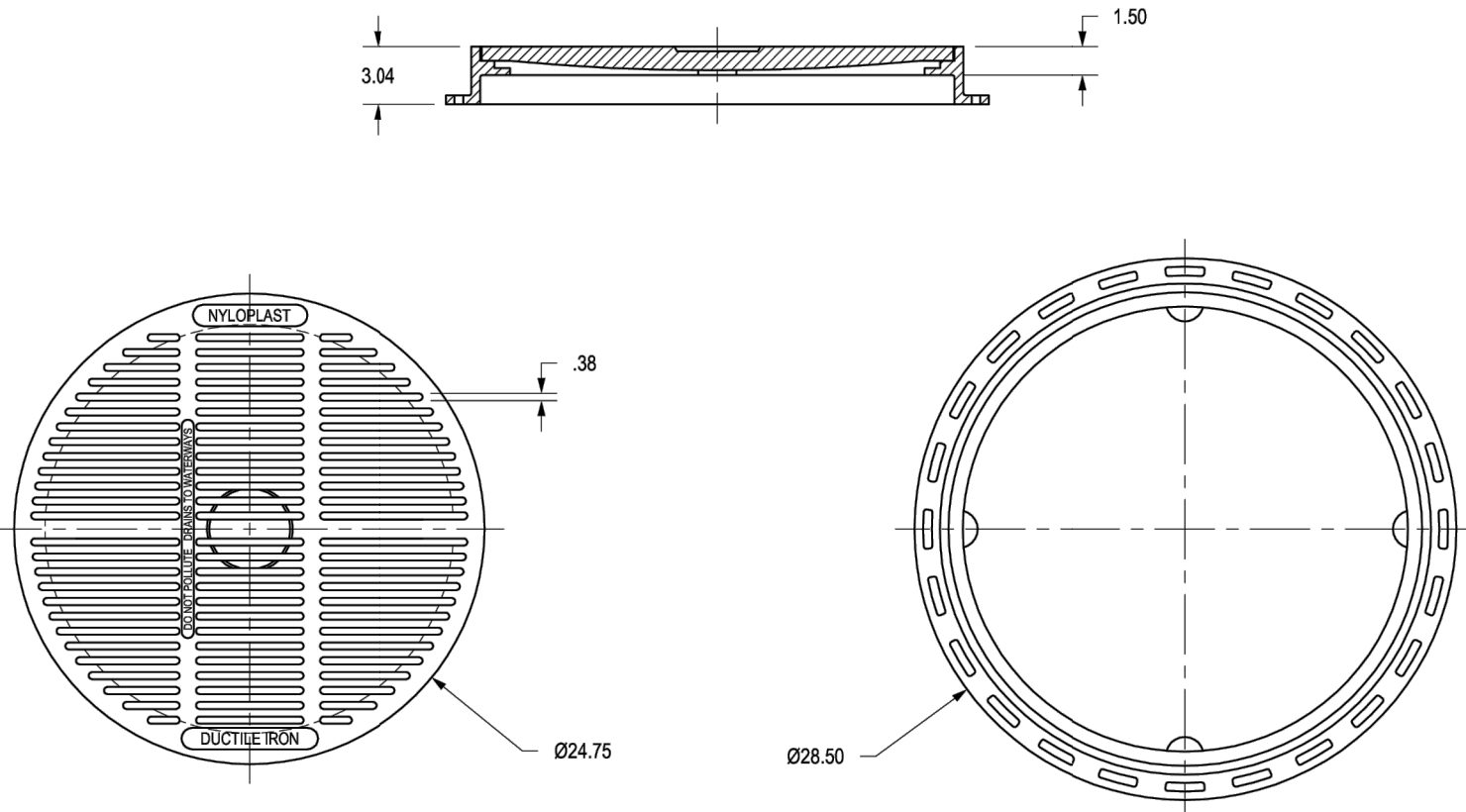
PROJECT NO: 0000

REVISION DATES

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2499CGP

APPROX. DRAIN AREA = 164.10 SQ IN  
APPROX. WEIGHT WITH FRAME = 99.50 LBS



DIMENSIONS ARE FOR REFERENCE ONLY  
ACTUAL DIMENSIONS MAY VARY

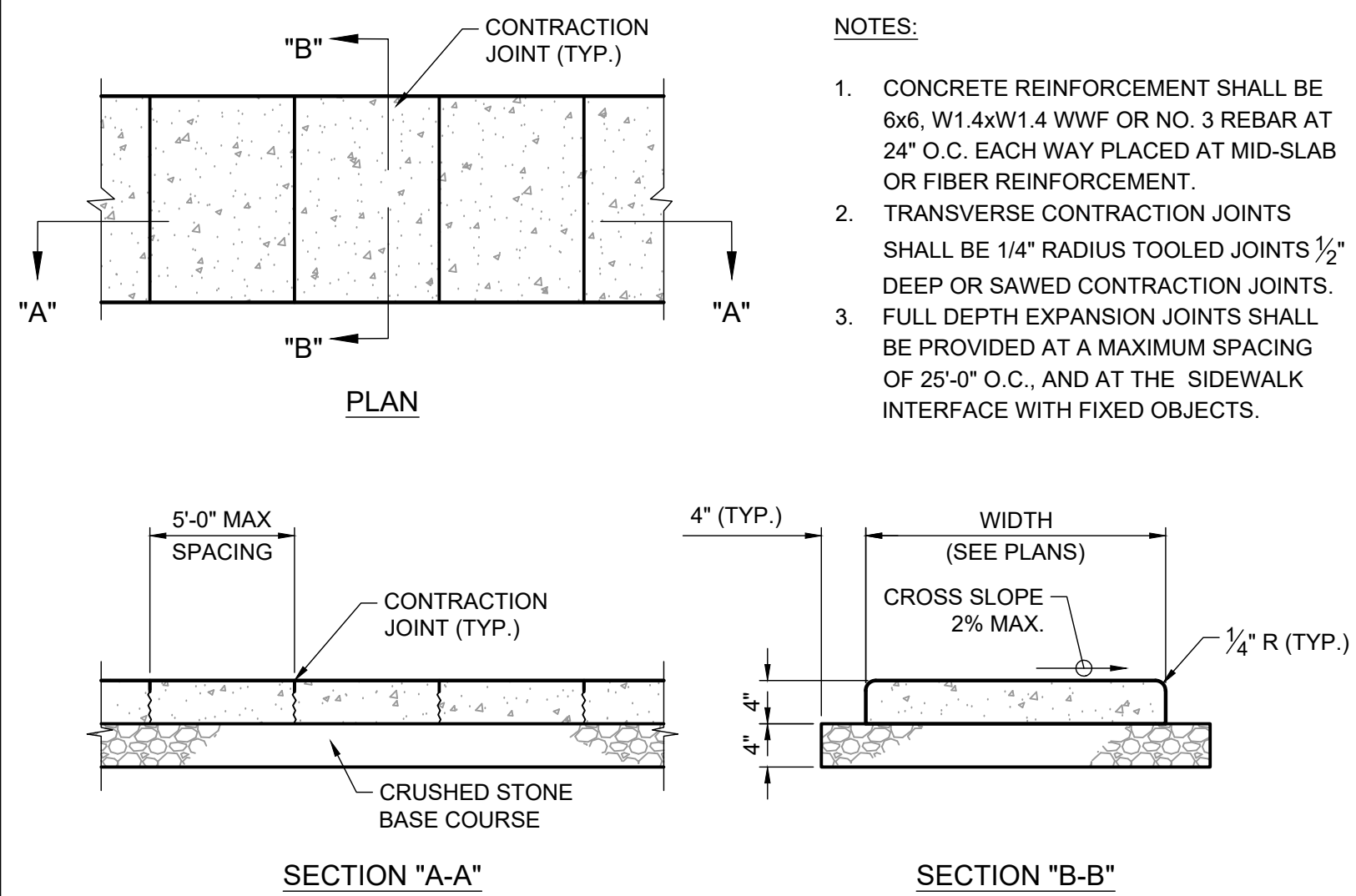
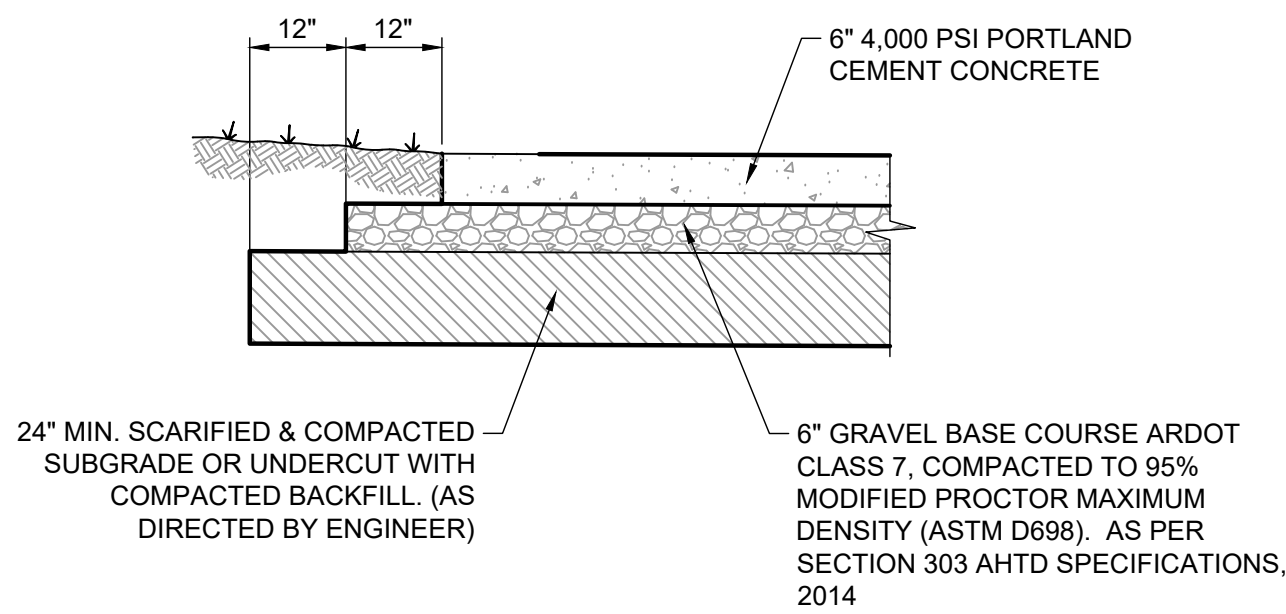
GRATE MEETS H-10 LOAD RATING  
QUALITY: MATERIALS SHALL CONFORM TO ASTM A536 GRADE 70-50-05  
PAINT: CASTINGS ARE FURNISHED WITH A BLACK PAINT  
SIZE OF OPENING MEETS REQUIREMENTS OF AMERICAN DISABILITY  
ACT AS STATED IN FEDERAL REGISTER PART III, DEPARTMENT OF  
JUSTICE, 28 CFR PART 36  
LOCKING DEVICE AVAILABLE UPON REQUEST SEE DRAWING NO.  
7001-110-023

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DRAWN BY: EBC  
DATE: 03-08-06  
MATERIAL: DUCTILE IRON  
REVISOR: CCA  
PROJECT NO: NAME  
DATE: 08-30-13  
DWG NO: A  
SCALE: 1:10  
SHEET: 1 OF 1  
TITLE: 24 IN PEDESTRIAN GRATE ASSEMBLY - TYPE B  
DWG NO: 7001-110-216  
REV: D

3130 VERONA AVE  
BURFORD, GA 30918  
PHN (770) 932-2443  
FAX (770) 932-2490  
www.nyloplast-us.com

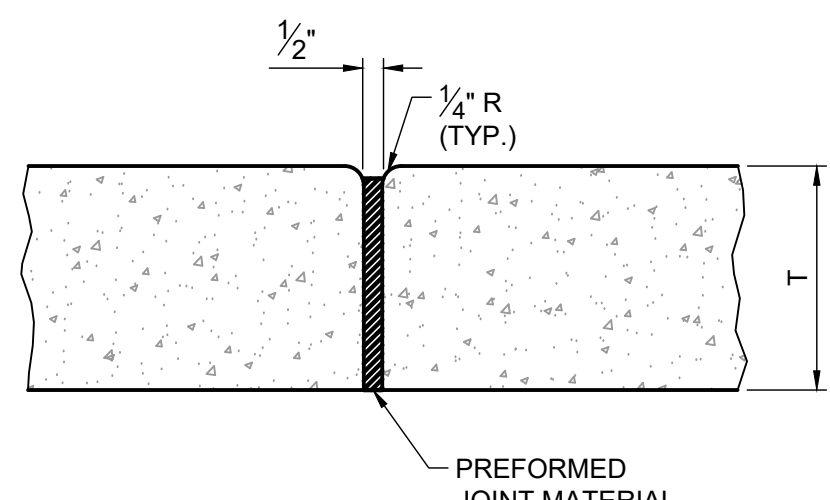
PS-20: CONCRETE PARKING PAVEMENT SECTION  
NOT TO SCALE



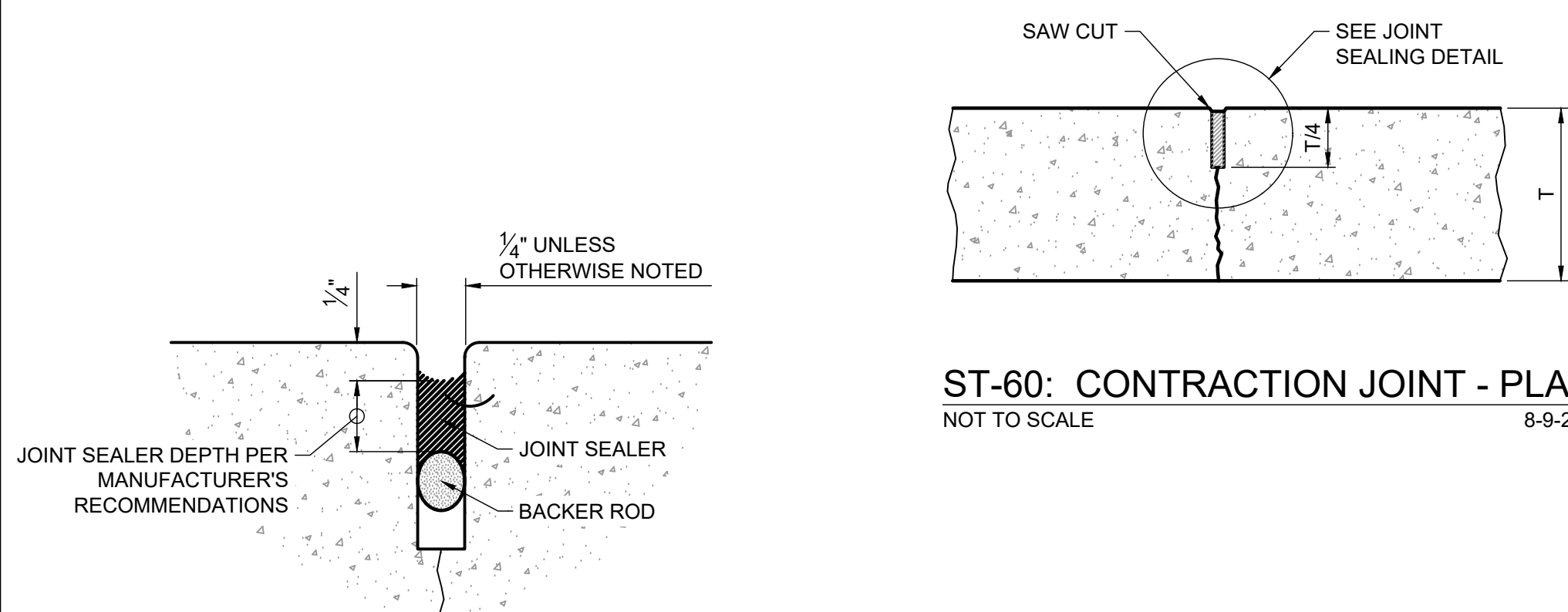
PS 30: CONCRETE SIDEWALK  
NOT TO SCALE

NOTES:

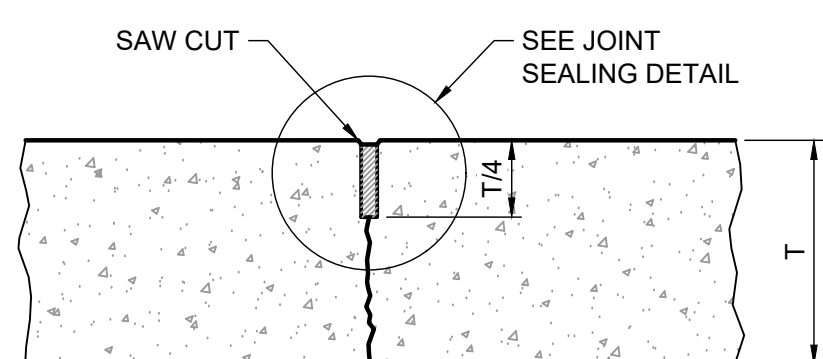
- CONCRETE REINFORCEMENT SHALL BE 6x6, W1.4xW1.4 WWF OR NO. 3 REBAR AT 24" O.C. EACH WAY PLACED AT MID-SLAB OR FIBER REINFORCEMENT.
- TRANSVERSE CONTRACTION JOINTS SHALL BE 1/4" RADIUS TOoled JOINTS 1/2" DEEP OR SAWED CONTRACTION JOINTS.
- FULL DEPTH EXPANSION JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF 25'-0" O.C., AND AT THE SIDEWALK INTERFACE WITH FIXED OBJECTS.



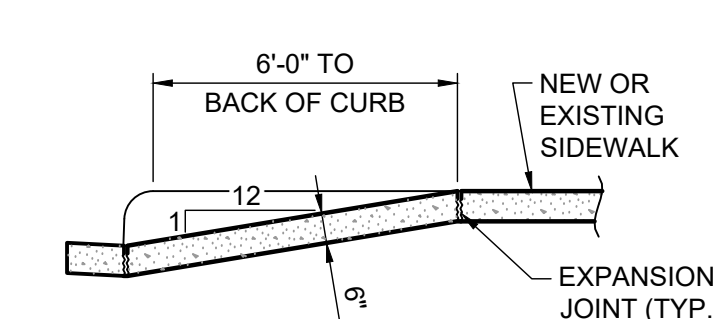
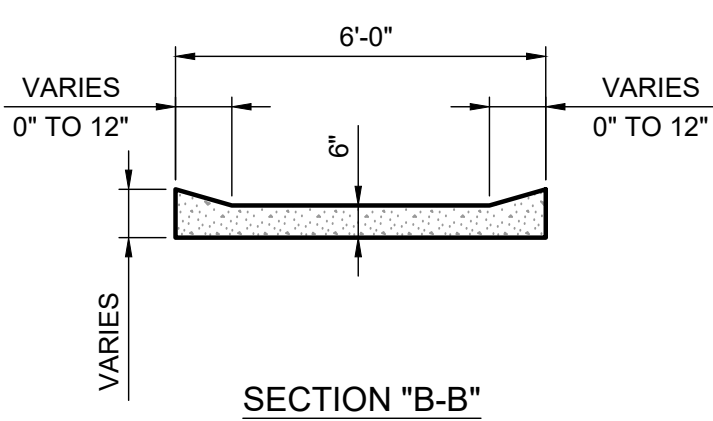
ST-110: EXPANSION JOINT  
8-14-2024



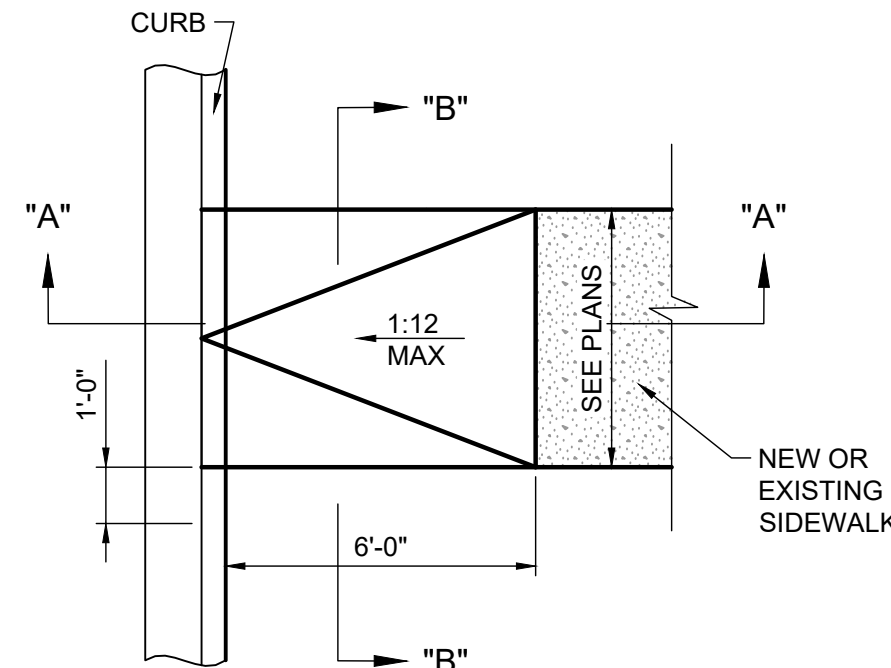
ST-120: CONCRETE JOINT SEALING  
NOT TO SCALE



ST-60: CONTRACTION JOINT - PLAIN  
NOT TO SCALE



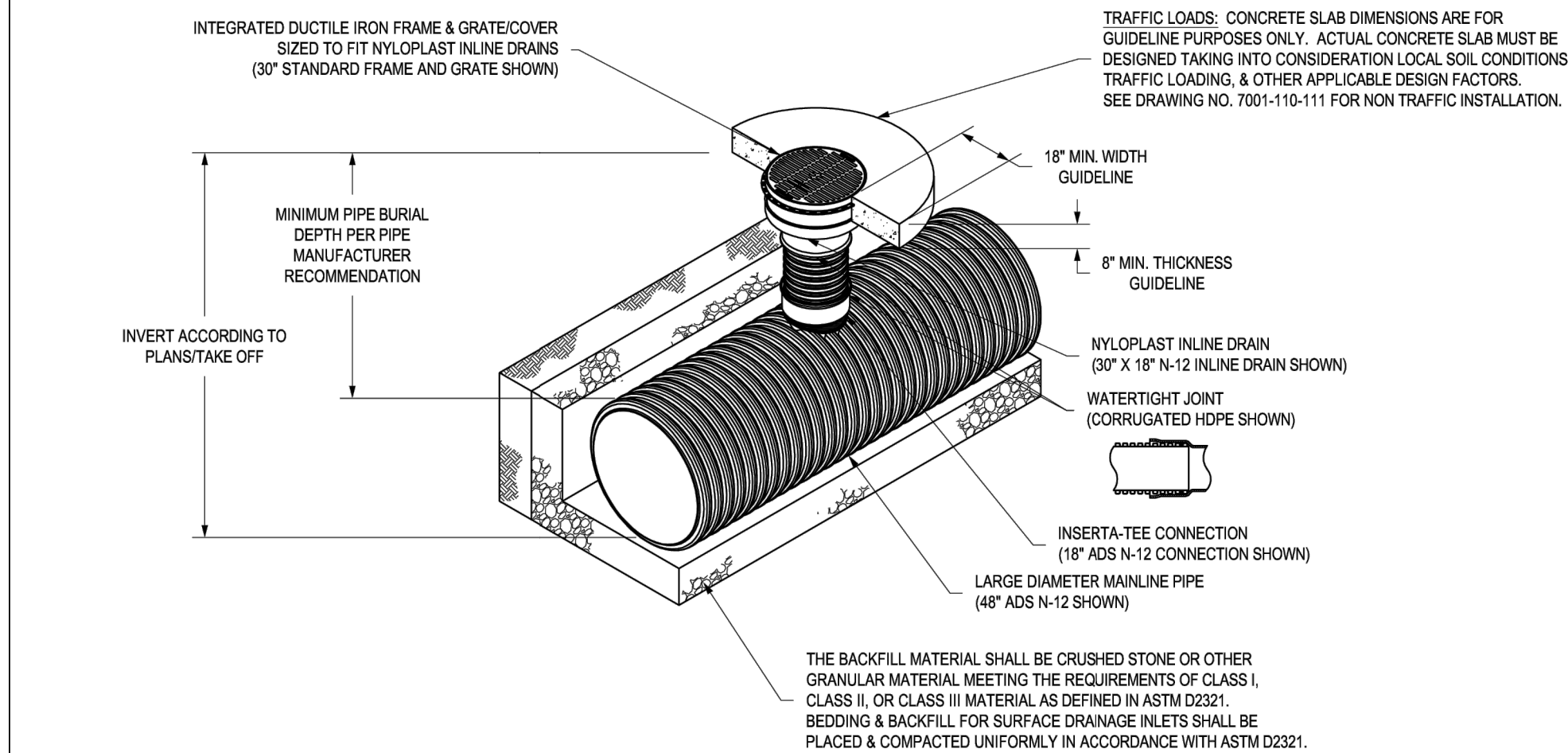
SECTION "A-A"



PLAN @ ACCESSIBLE RAMP

TYPE "A" ACCESSIBLE SIDEWALK RAMP  
NOT TO SCALE

NYLOPLAST INLINE DRAIN USING INSERTA-TEE TO CONNECT TO LARGE DIAMETER MAINLINE  
QUICK SPEC INSTALLATION DETAIL

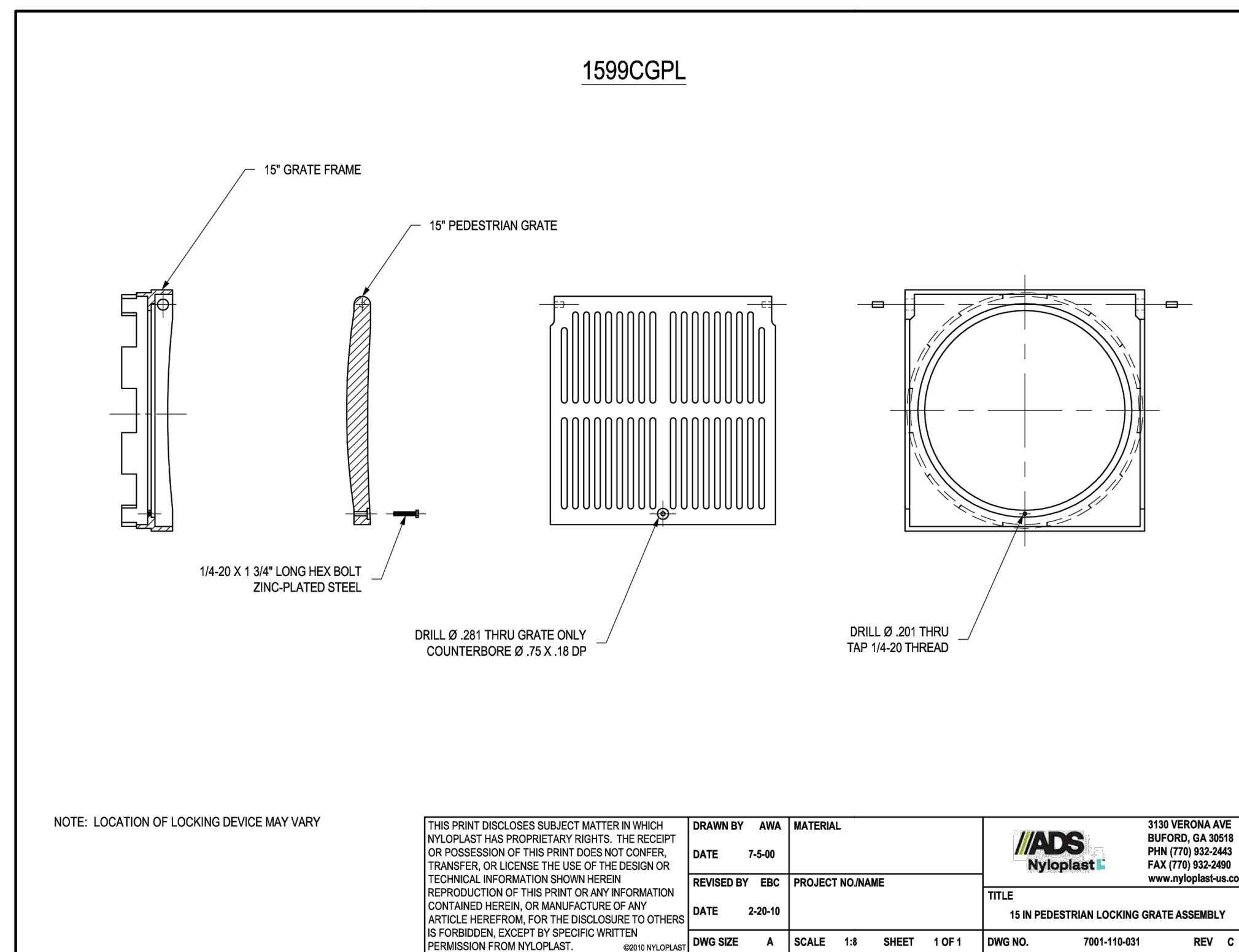


- GRATES/COVERS SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 12" x 30" FRAMES SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05.
- 8" x 10" STANDARD GRATES FIT DIRECTLY ONTO INLINE DRAIN. SEE DRAWING NO. 7003-110-000 & 7003-110-001.
- DRAINAGE CONNECTION SUBJ. JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12MNCOR DUAL WALL, N-12 HP & PVC SEWER (4" - 24").
- 12" x 30" STANDARD GRATES AND SOLID COVERS SHALL MEET H-20 LOAD RATING.
- 8" x 10" STANDARD GRATES ARE RATED FOR LIGHT DUTY APPLICATIONS ONLY. NO CONCRETE COLLAR NEEDED FOR LIGHT DUTY RATING.

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DRAWN BY: MMH  
DATE: 10-4-17  
MATERIAL: NYLOPLAST  
REVISOR: EBC  
PROJECT NO: NAME  
DATE: 10-4-17  
DWG NO: A  
SCALE: 1:10  
SHEET: 1 OF 1  
TITLE: 15 IN PEDESTRIAN GRATE ASSEMBLY - TYPE B  
DWG NO: 7003-110-124  
REV: A

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BURFORD, GA 30918  
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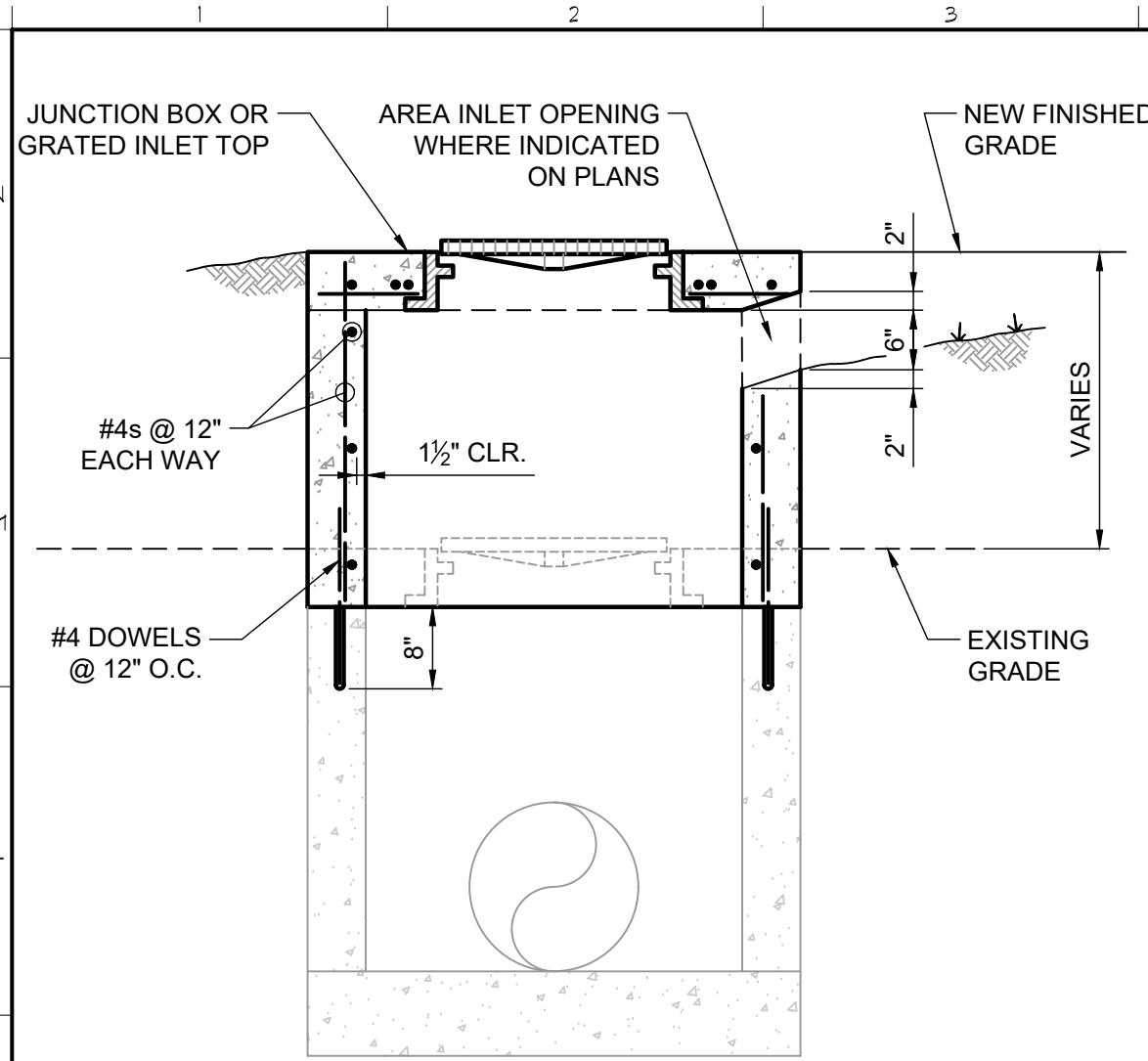
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DRAWN BY: AWA  
DATE: 7-5-00  
MATERIAL: NYLOPLAST  
REVISOR: EBC  
PROJECT NO: NAME  
DATE: 2-20-10  
DWG NO: A  
SCALE: 1:8  
SHEET: 1 OF 1  
TITLE: 15 IN PEDESTRIAN LOCKING GRATE ASSEMBLY  
DWG NO: 7001-110-031  
REV: C

3130 VERONA AVE  
BURFORD, GA 30918  
PHN (770) 932-2443  
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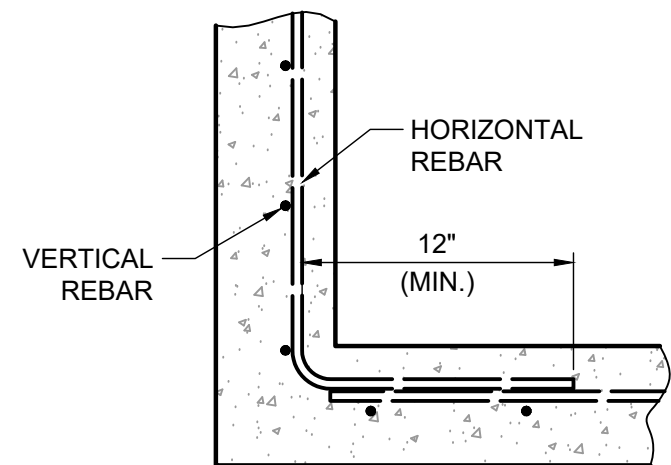
MISCELLANEOUS DETAILS





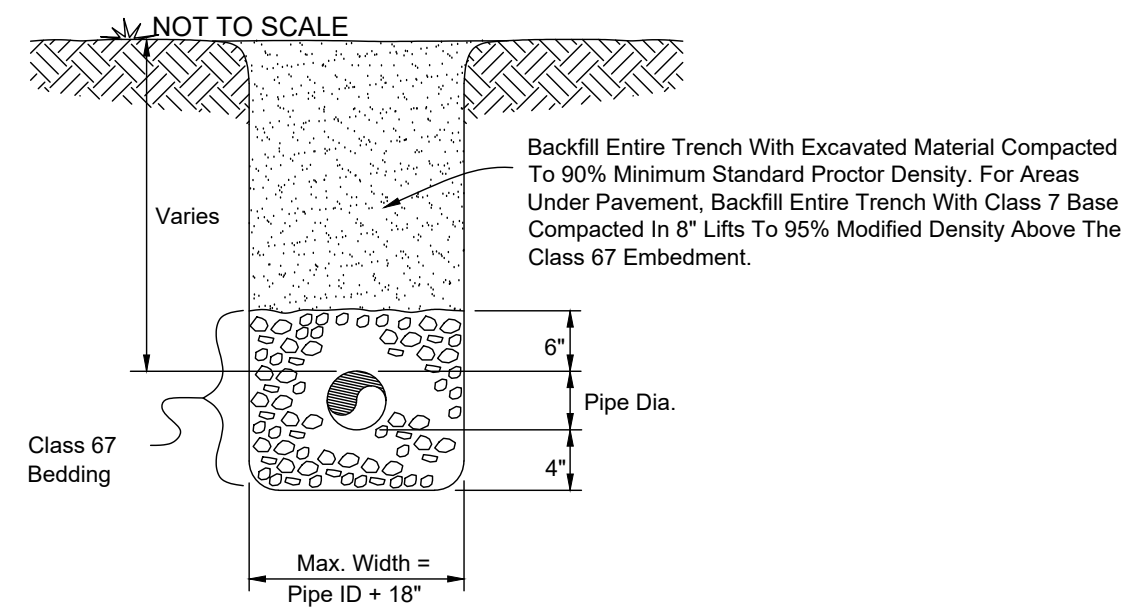
- NOTES:
1. REMOVE EXISTING INLET OR BOX TOP BY CUTTING EXISTING WALLS AT THE BASE OF THE TOP.
  2. TIE INTO EXISTING WALLS BY USING #4x18" DOWEL BARS @ 12" O.C.
  3. REUSE EXISTING LID OR GRATE AND CAST INTO NEW TOP MATCHING NEW FINISHED GRADE ELEVATION.

DR-65: JUNCTION BOX OR GRATED INLET  
GRADE ADJUSTMENT - NOT IN PAVEMENT  
NOT TO SCALE 3-11-2024

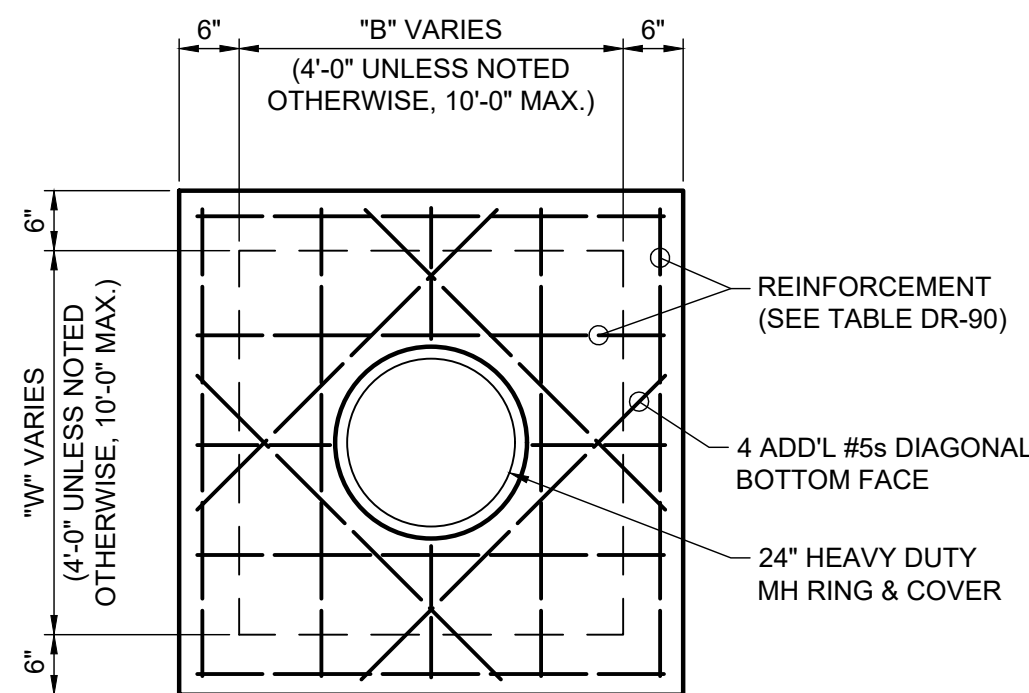


- NOTE:
1. HORIZONTAL REBAR SHALL BE CONTINUOUS AROUND CORNERS OR LAPPED AS SHOWN

DR-100: PLAN - JUNCTION BOX, GRATED  
INLET OR CURB INLET WALL CORNER  
REINFORCING  
NOT TO SCALE 3-11-2024

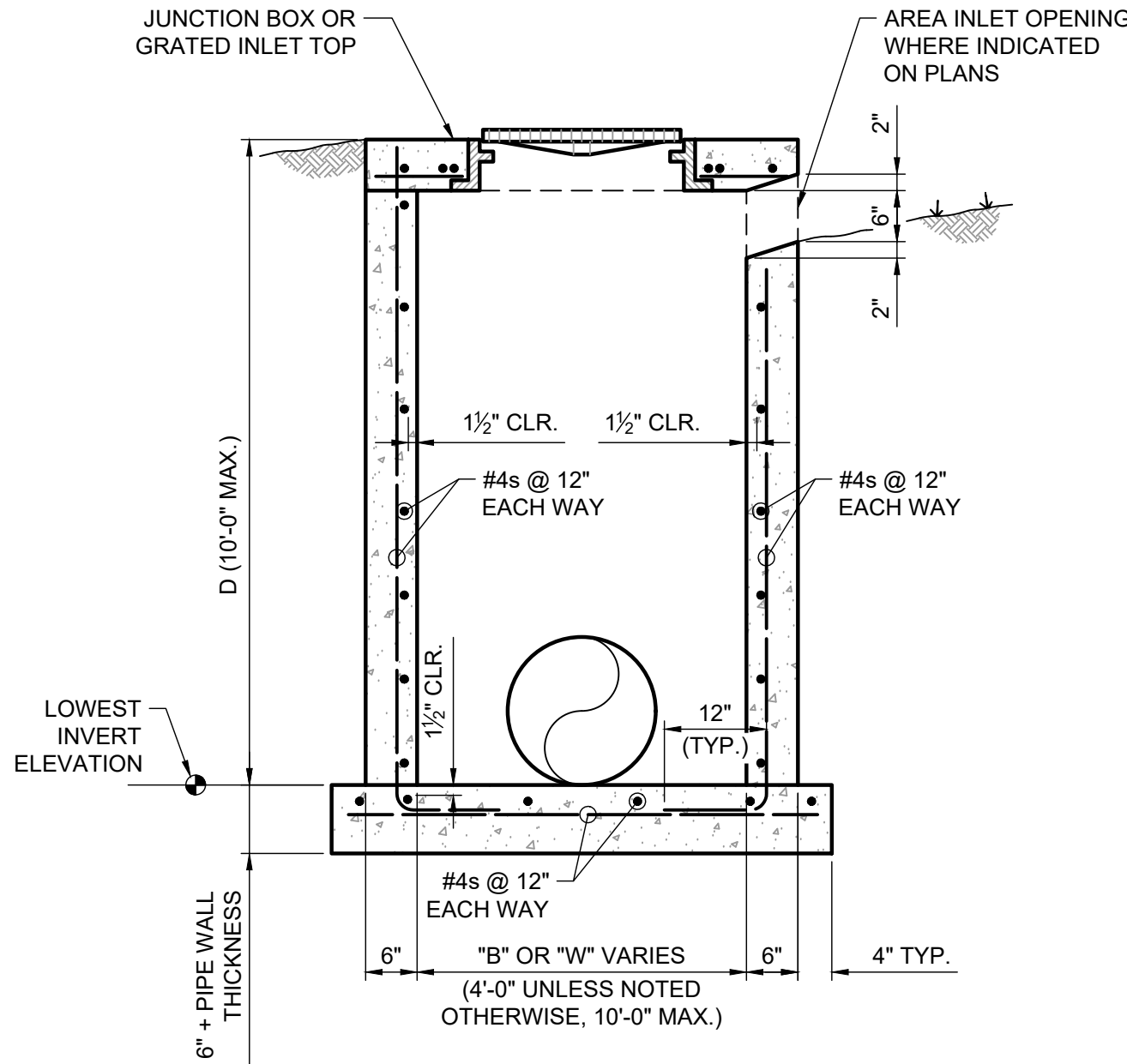


STORM SEWER BEDDING DETAIL  
N.T.S.



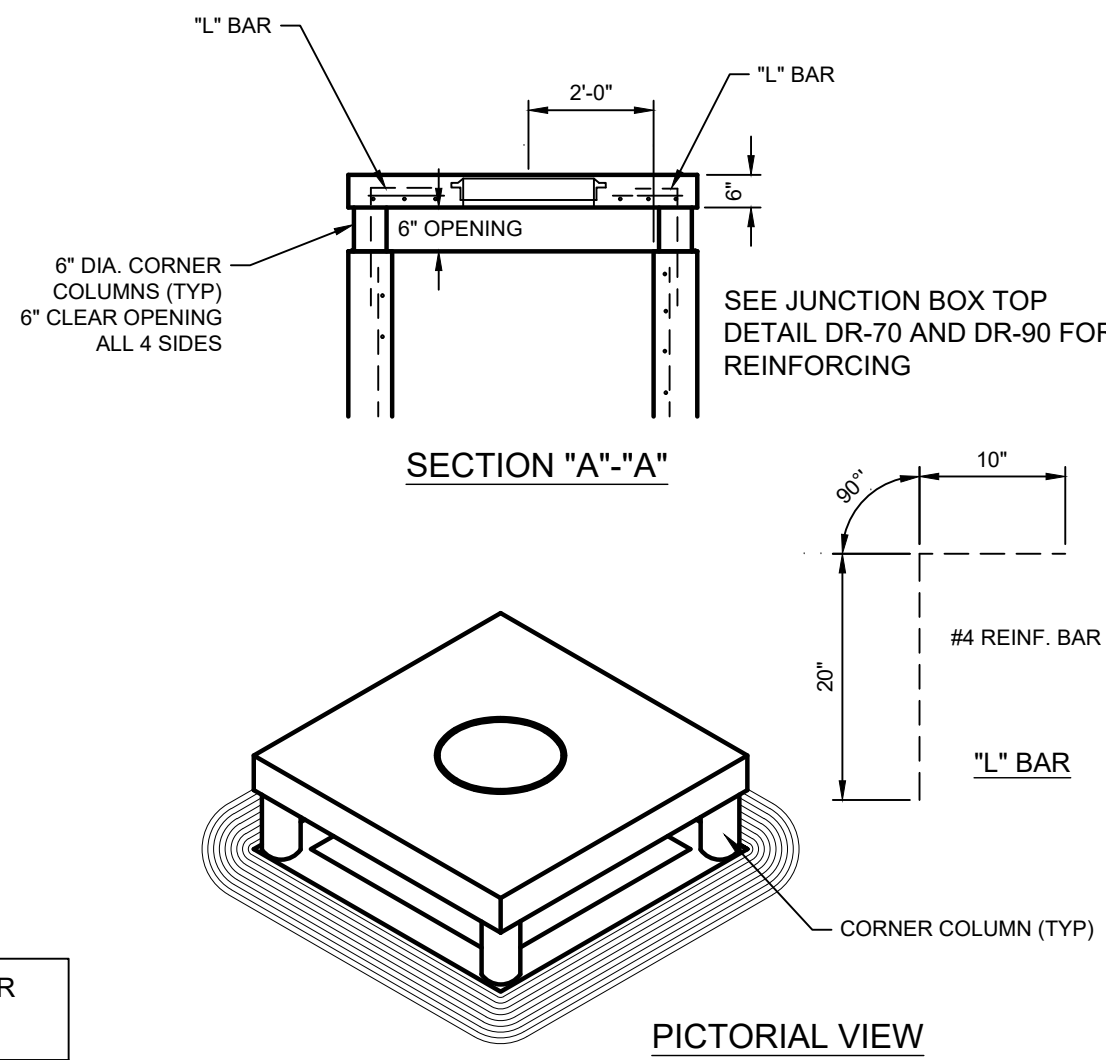
- NOTES:
1. SEE PLANS FOR DIMENSIONS "B" AND "W" (NOTED B x W).
  2. SEE TABLE FOR TOP THICKNESS AND REINFORCING.
  3. EXPOSED EDGES SHALL HAVE 3/4" CHAMFER.

DR-70: JUNCTION BOX TOP  
NOT TO SCALE 3-11-2024



- NOTES:
1. SEE PLANS FOR DIMENSIONS "B" AND "W" (NOTED B x W).
  2. SEE DETAIL FOR WALL CORNER REINFORCEMENT.

DR-60: JUNCTION BOX or GRATED INLET  
NOT IN PAVEMENT  
NOT TO SCALE 3-8-2024

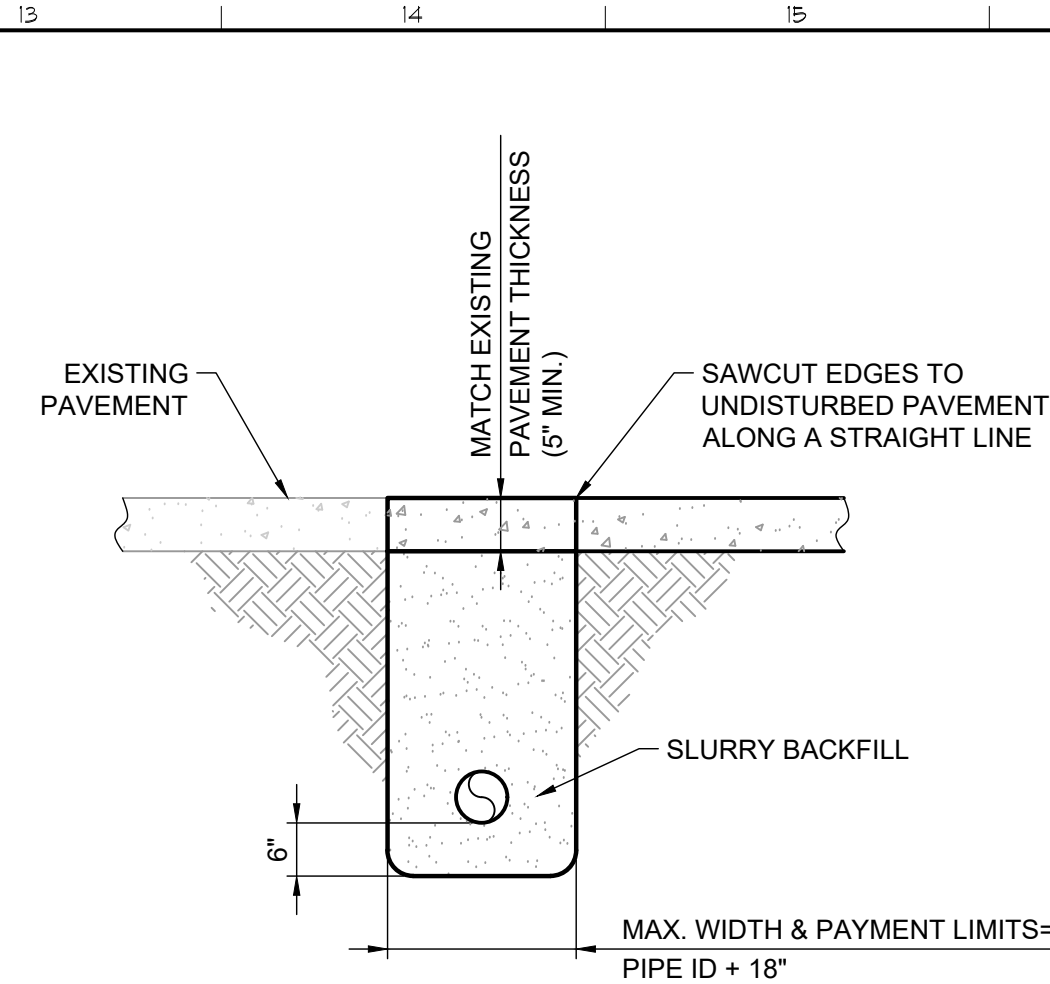


AREA INLET TOP DETAIL  
N.T.S.

TOP REINFORCING FOR INLETS & JUNCTION BOXES FOR LOCATIONS SUBJECT TO TRAFFIC LOADING (HS-20)			
"B" or "W"	THICKNESS	SHORT SPAN REINFORCING	LONG SPAN REINFORCING
UP to 4'-0"	10"	#6 @ 5"	#4 @ 12"
4'-1" to 5'-0"	10"	#7 @ 5"	#4 @ 12"
5'-1" to 7'-0"	12"	#7 @ 5"	#4 @ 12"
7'-1" to 9'-0"	12"	#8 @ 5"	#4 @ 12"
9'-1" to 10'-0"	13"	#8 @ 5"	#4 @ 12"

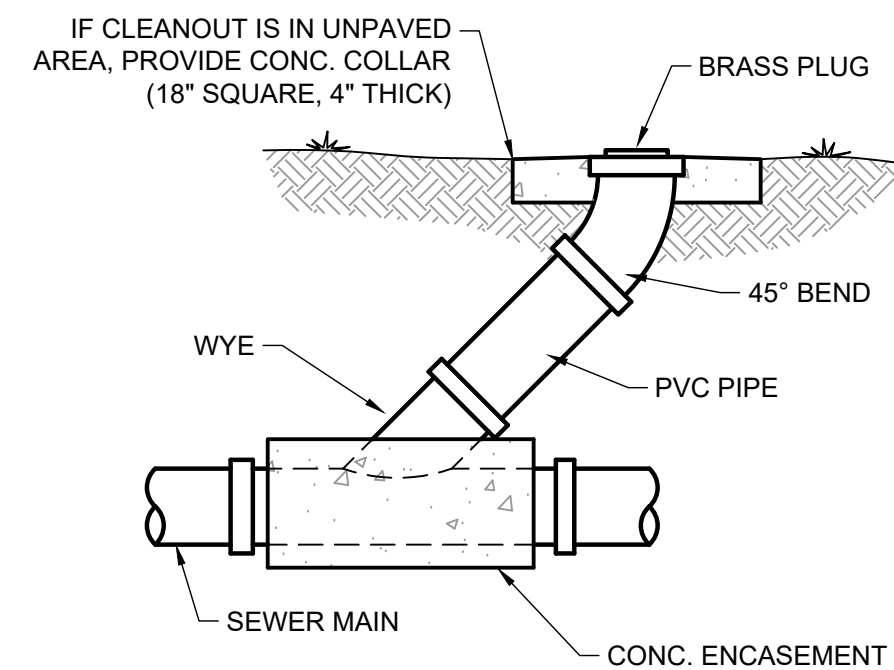
TOP REINFORCING FOR INLETS & JUNCTION BOXES FOR LOCATIONS NOT SUBJECT TO TRAFFIC LOADING			
MAX. SPAN "B" or "W"	THICKNESS	SHORT SPAN REINFORCING	LONG SPAN REINFORCING
UP to 7'-0"	6"	#4 @ 12"	#4 @ 12"
7'-1" to 8'-0"	6"	#4 @ 10"	#4 @ 12"
8'-1" to 9'-0"	6"	#4 @ 8"	#4 @ 12"
9'-1" to 10'-0"	6"	#4 @ 6"	#4 @ 12"

DR-90: JUNCTION BOX OR GRATED  
INLET TOP REINFORCING  
NOT TO SCALE 3-11-2024



- NOTES:
1. CONCRETE SURFACE REPAIR SHALL BE 3500 PSI, MEETING THE MATERIAL REQUIREMENTS OF THE SPECIFICATIONS FOR PORTLAND CEMENT CONCRETE PAVEMENT.
  2. STREET CUTS SHALL BE COVERED WITH PROPERLY ANCHORED STEEL BRIDGE PLATES UNTIL THE FINAL SURFACE REPAIR IS MADE.
  3. EXCAVATED TRENCH MATERIAL MAY NOT BE REUSED FOR EXCAVATION BACKFILL AND MUST BE REMOVED AND DISPOSED OFF SITE.
  4. CONCRETE SHALL BE FINISHED TO CONFORM WITH THE SURROUNDING SURFACE.

ST-140(A): CONCRETE PAVEMENT REPAIR  
NOT TO SCALE 8-14-2024



SS-60: SANITARY SEWER CLEANOUT  
NOT TO SCALE 9-10-2024

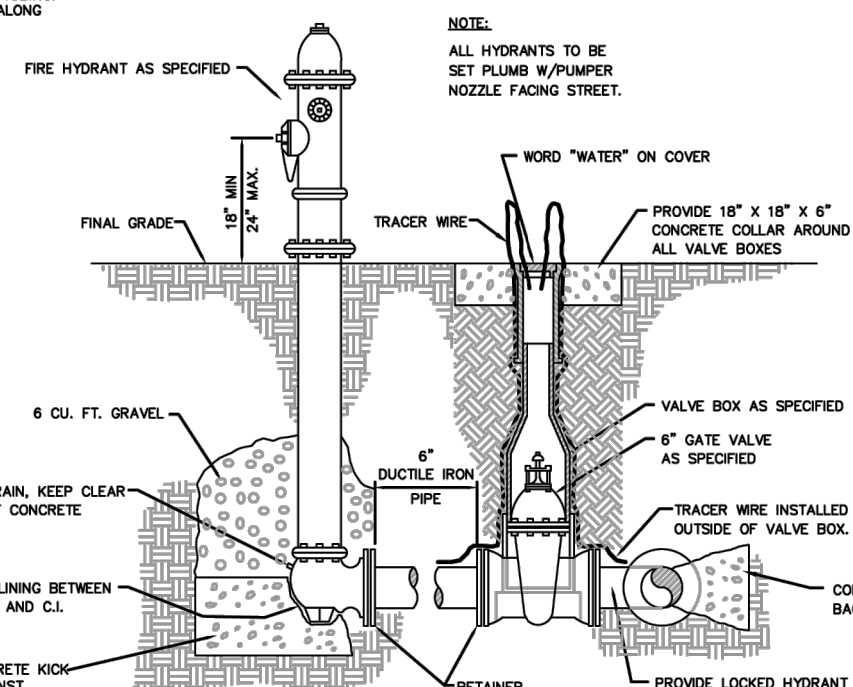
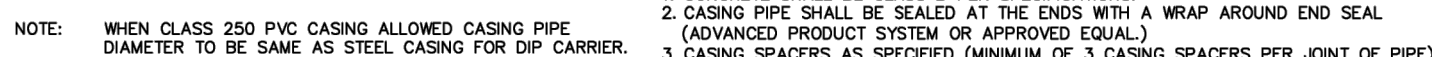


REVISION	DATE	DESCRIPTION

SCALE: NTS  
DATE: SEPT. 2019  
DRAWN BY: \_\_\_\_\_  
CHECKED BY: \_\_\_\_\_  
W.O. # \_\_\_\_\_

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# 102



### 3-WAY FIRE HYDRANT & GATE VALVE DETAILS

<b>SCALE:</b> NTS	
<b>DATE:</b> SEPT. 2019	
<b>PREPARED BY:</b>	*****
<b>CHECKED BY:</b>	*****
<b>W.O. #:</b>	
REVISION	DATE DESCRIPTION

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103

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ASSOCIATES  
5201 W Village Parkway, Suite 300 | Rogers, Arkansas 72758 | (479) 464-4965 | [www.hjarch.com](http://www.hjarch.com)

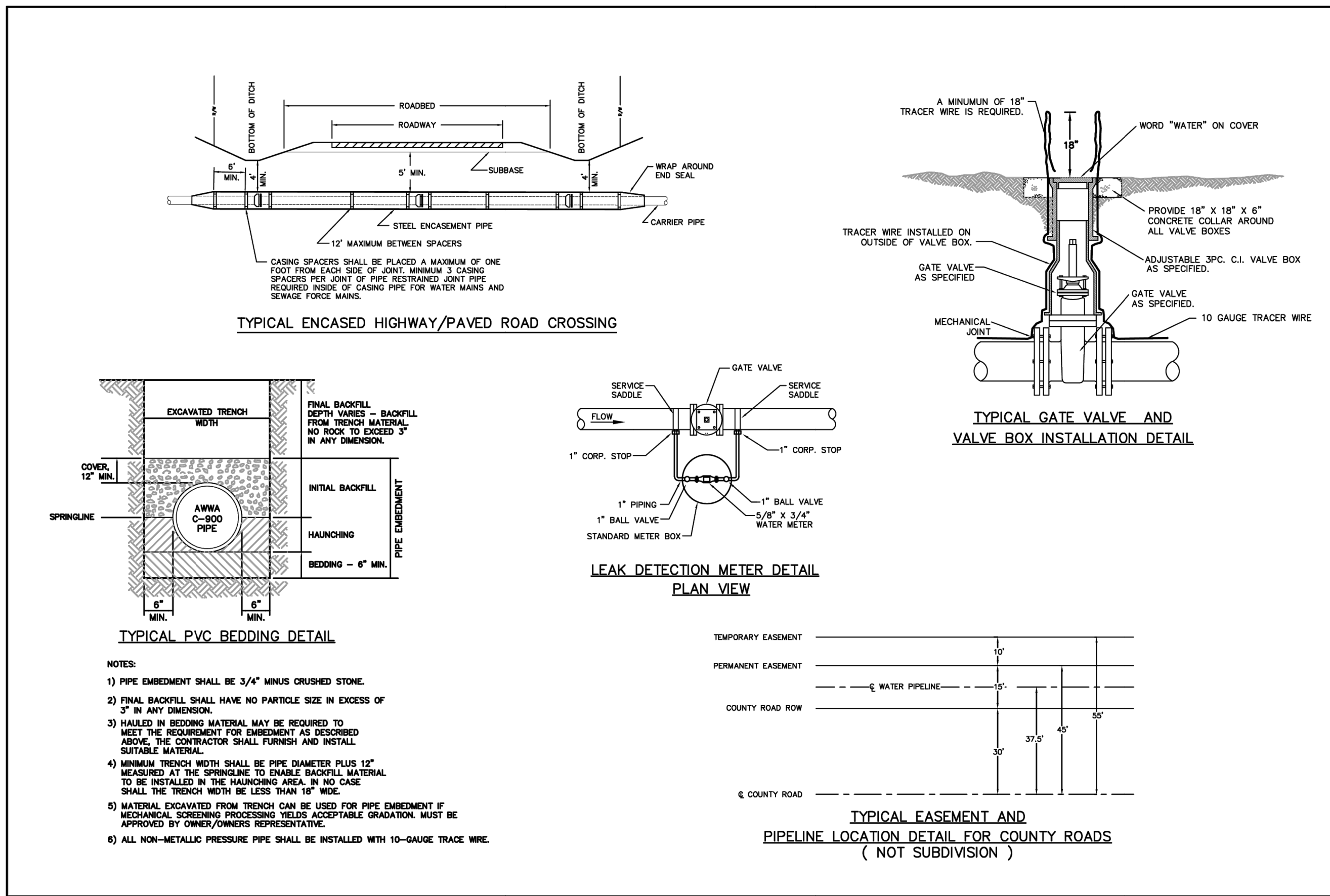
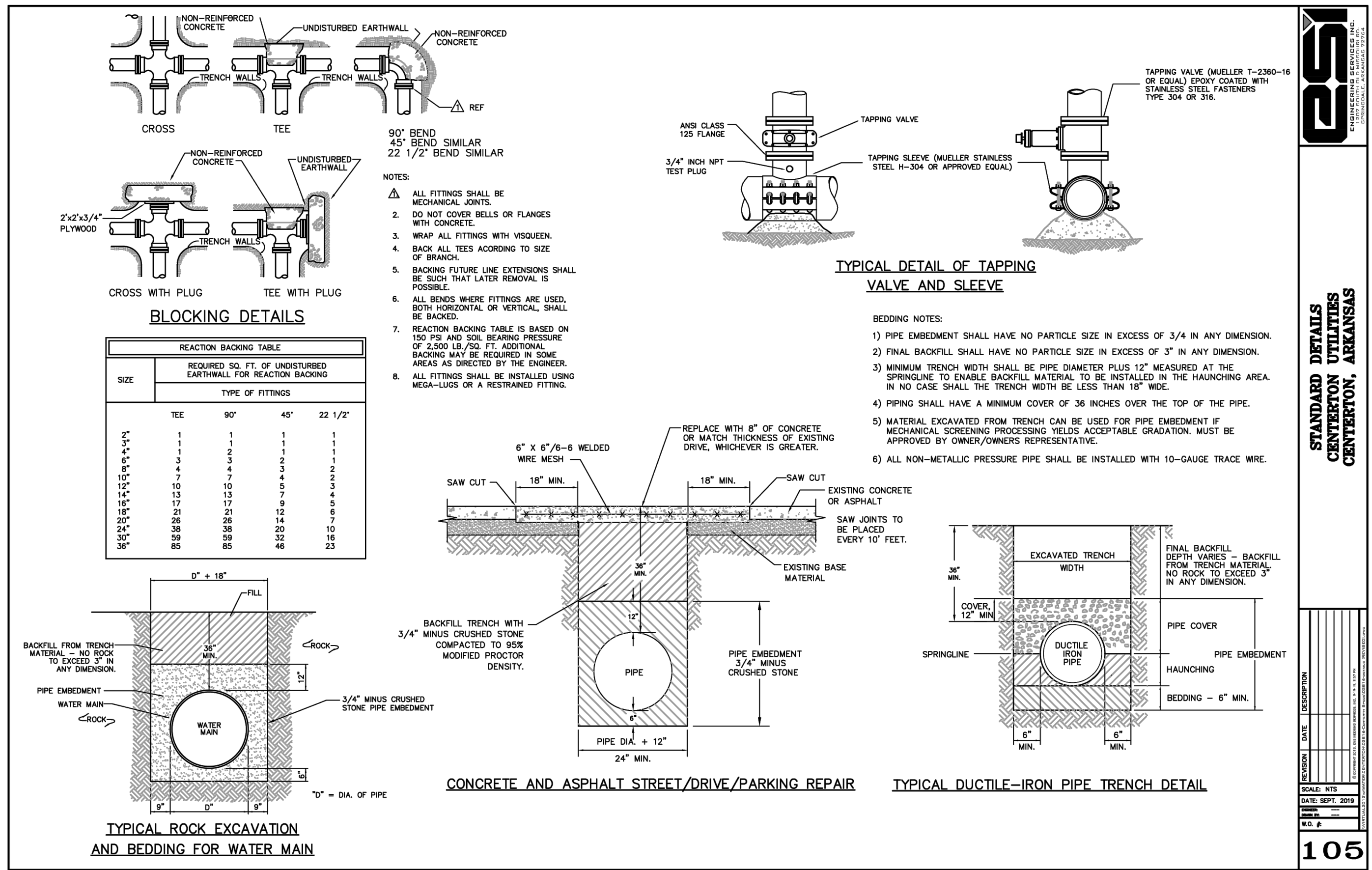
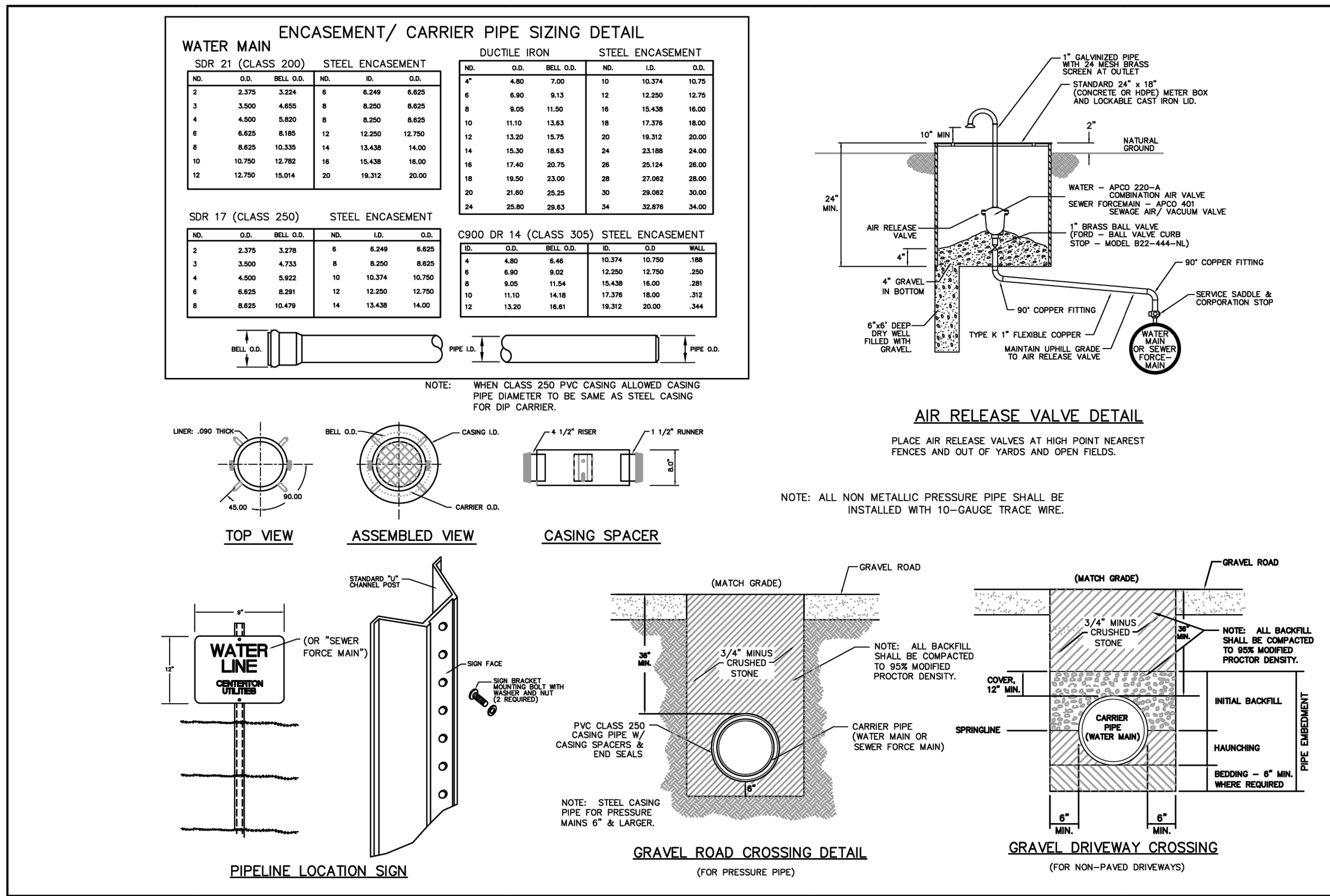
A NEW ADDITION FOR BENTONVILLE WEST HIGH SCHOOL

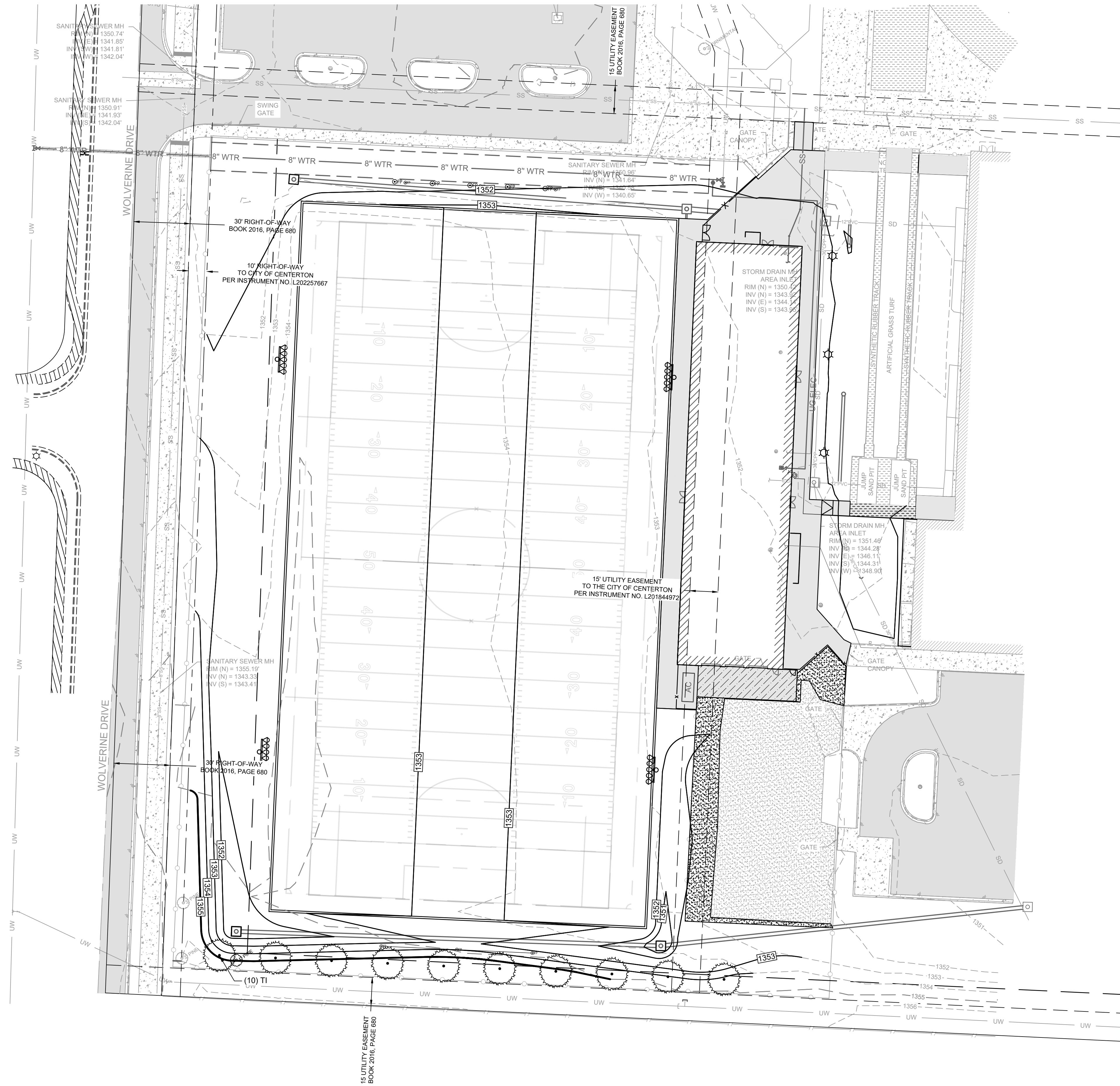
**Bentonville Public Schools**

1359 Gamble Road, Centerton, AR 72719

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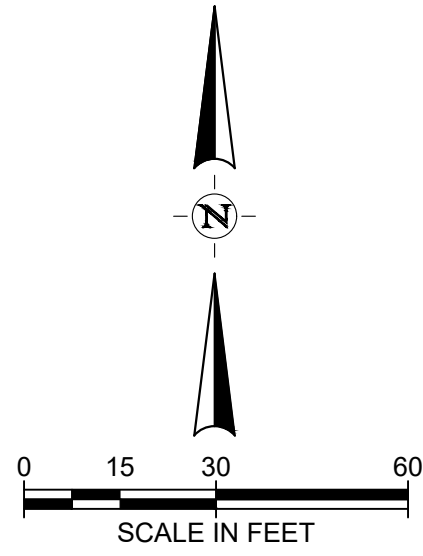
2407 SE COTTONWOOD ST., SUITE 1  
BENTONVILLE, ARKANSAS 72712  
TEL. (479) 273-2209





LANDSCAPE REQUIREMENT CALCULATIONS

1. LANDSCAPE SCREENING:  
TYPE C SCREENING: 20' MINIMUM HEIGHT  
10 TREES PROVIDED

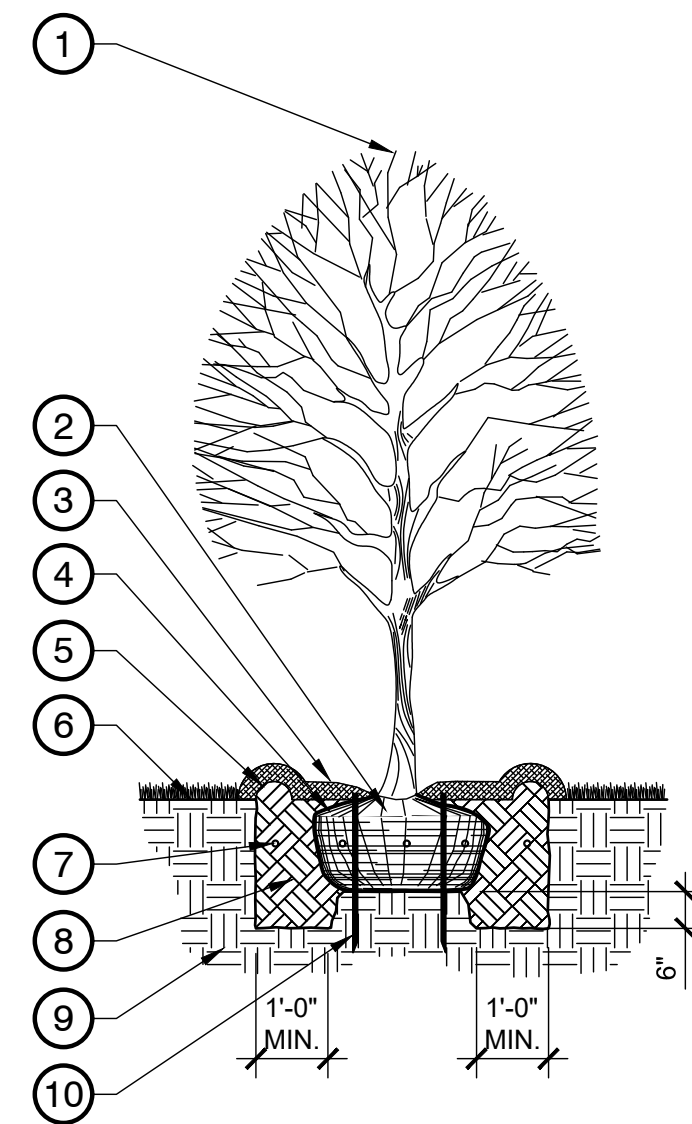


PLANT SCHEDULE

SYMBOL	QTY	COMMON / BOTANICAL NAME	CAL	INSTALL HT	MATURE HT
TREES					
	10	GREEN GIANT ARBORVITAE / THUJA X 'GREEN GIANT'	B&B	8'	30'-50'

LANDSCAPE PLAN GENERAL NOTES:

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, AND RELATED ITEMS REQUIRED FOR THE COMPLETE INSTALLATION OF LANDSCAPE.
- ALL PLANT MATERIAL SHALL BE NURSERY GROWN. PLANT MATERIAL GRADING SHALL COMPLY WITH THE LATEST EDITION OF AMERICAN STANDARDS FOR NURSERY STOCK, PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION.
- ALL PLANT MATERIAL SHALL BE HEALTHY AND FREE FROM ALL VISIBLE SIGNS OF DISEASE OR PEST INFESTATION.
- CONTRACTOR SHALL ASCERTAIN LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION. PRIOR TO COMMENCING WITH ANY WORK, CONTACT THE STATE ONE-CALL.
- THE CONTRACTOR SHALL PROVIDE A ONE YEAR MINIMUM WARRANTY OR A LETTER OF CREDIT POSTED FOR ALL PROPOSED PLANT MATERIALS AND INSTALLATION FROM THE DATE OF ACCEPTANCE.
- THE CONTRACTOR SHALL SPOIL ANY EXCESS TOPSOIL LOCATED ON THE SITE THAT IS NOT REQUIRED TO PERFORM LANDSCAPE OPERATIONS. IF SUFFICIENT TOPSOIL IS NOT PRESENT ON SITE, THE CONTRACTOR SHALL IMPORT TOPSOIL TO THE SITE IN ORDER TO COMPLETE THE LANDSCAPE OPERATIONS. THE CONTRACTOR SHALL PERFORM A SOIL TEST ON THE EXISTING AND IMPORTED TOPSOIL AND APPLY LIME AND FERTILIZER AS RECOMMENDED BY THE TESTING AGENCY.
- IRRIGATION SYSTEM SHALL BE DESIGNED BY CONTRACTOR.
- THE IRRIGATION SYSTEMS SHALL BE PROTECTED BY AN RP TYPE BACKFLOW PREVENTOR.
- BACKFLOW PREVENTION ASSEMBLIES INSTALLED OUTDOOR SHALL BE PROTECTED BY AN ENCLOSURE WHICH COMPLIES WITH THE STANDARDS AND SPECIFICATIONS SET FORTH BY THE AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE) CODE 1060.
- ALL LANDSCAPED AREAS SHALL BE IRRIGATED.
- IRRIGATION HEADS SHALL NOT BE INSTALLED ALONG BACK OF CURB ON THE TURNING RADIUS OF ENTRANCES. HEADS SHOULD BE INSTALLED INTERIOR AND SPRAY TOWARD THE CURB, ADJUSTED TO THE PROPER SPRAY DISTANCE FOR FULL COVERAGE.
- ALL HEADS SHALL HAVE A 2" SWING PIPE OR FLEX PIPE CONNECTION.
- GENERAL CONTRACTOR SHALL BE SUPPLIED AN IRRIGATION AS-BUILT SHOWING LOCATION OF MAIN LINES, HEADS AND ZONE IDENTIFICATION. GENERAL CONTRACTOR SHALL PROVIDE TO CLIENT WITH AS-BUILT/CLOSEOUT DOCUMENTS.
- SUPPLY AND INSTALL A WIRED RAIN SENSOR AND PROGRAM TO AUTOMATICALLY DELAY FOR RAIN EVENTS.



- KEY:**
- NEVER CUT CENTRAL LEADER OF TREE.
  - SET TOP OF ROOT BALL 2" ABOVE FINISH GRADE.
  - PROVIDE 3" MIN. SHREDDED HARDWOOD MULCH FOR ENTIRE BASIN. PULL MULCH BACK MIN. 2" FROM BASE OF TRUNK.
  - FOR BALL & BURLAP, REMOVE WIRE / TWINE FROM AROUND BURLAP, FOLD TOP THIRD OF BURLAP DOWN OR CUT / REMOVE PRIOR TO BACKFILL.
  - BUILD 3" HT. SAUCER RING AROUND PLANTING PIT WITH TOPSOIL.
  - FINISHED GRADE.
  - AGRIFORM TABLETS AS PER MANUFACTURER'S INSTRUCTIONS.
  - PREPARED SOIL MIX - HOMOGENEOUS MIXTURE OF 3:1:1 RATIO TOPSOIL TO PEATMOSS AND/OR OTHER APPROVED SOIL AMENDMENTS. WATER AND TAMP TO REMOVE SIDE AND BOTTOM AIR POCKETS 8" MIN.
  - UNCOMPACTED NATIVE SOIL / UNDISTURBED SUBGRADE.
  - MIN. (3) ARBOR STAKES. INSTALL PER MANUFACTURE'S SPECIFICATIONS.
- NOTES:**
- FOR BALL & BURLAP, REMOVE WIRE / TWINE FROM AROUND BURLAP, FOLD TOP THIRD DOWN OR CUT / REMOVE PRIOR TO BACKFILL.
  - 1'-0" CLEARANCE ALL SIDES FROM ROOTBALL FOR PLANTING MEDIUM.
  - PROVIDE FERTILOME ROOT STIMULATOR IN EACH TREE PIT.
  - MINIMUM STAKE QUANTITY IS (3) - THEN ADD (1) STAKE PER CALIPER INCH GREATER THAN 8".
  - STAKES SHALL BE DRIVEN THROUGH THE ROOT BALL AS SHOWN.
  - ENSURE TRUNK BASE (ROOT FLARE) IS FREE FROM STAKING AND OTHER MATERIALS.
  - ABOVE GROUND GUYING AND/OR METALLIC STAKING SYSTEMS NOT ALLOWED AND SHALL BE REJECTED.
  - INSTALL STAKING SYSTEM AS PER MANUFACTURER'S INSTRUCTIONS.

1 TYPICAL TREE PLANTING WITH ARBOR STAKES DETAIL  
3/8" = 1'-0"

LANDSCAPE PLAN



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TEL: (479) 273-2209

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TAB

ISSUE DATE

04/06/2026

PROJECT NO.

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REVISION DATES

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