

New Location for:

# Smalls Sliders

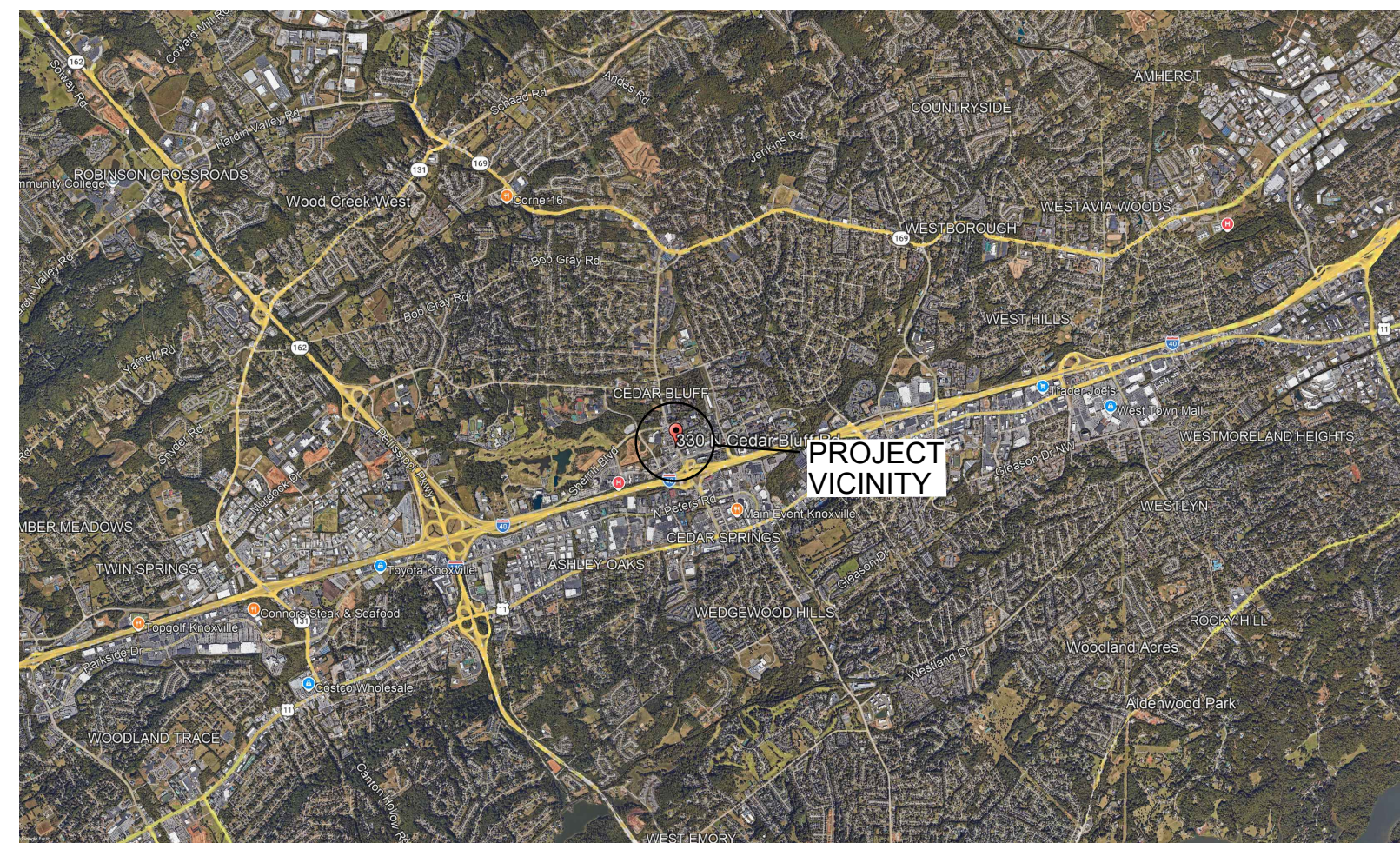


330 N. Cedar Bluff Road  
Knoxville, TN

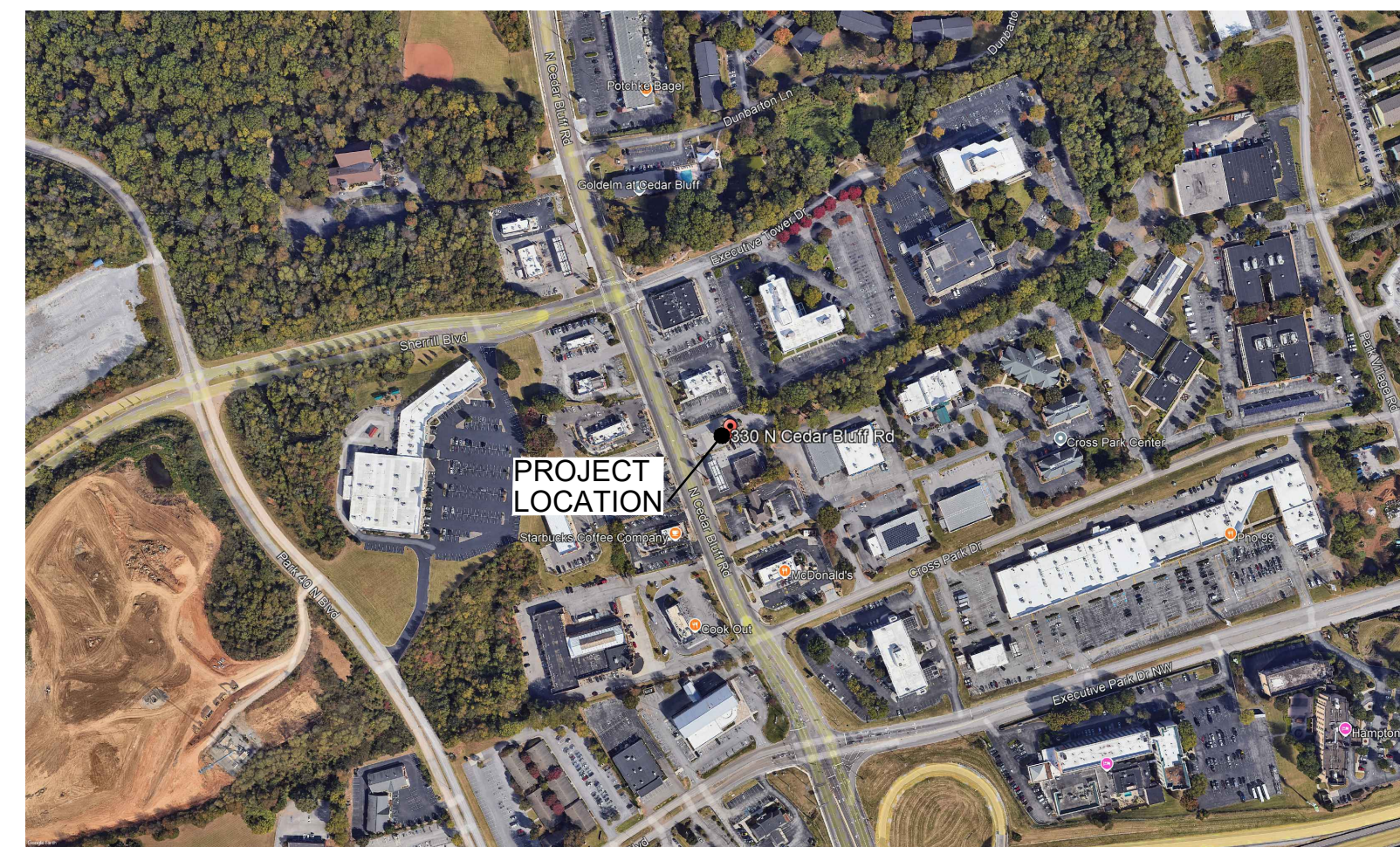
April 17, 2026  
CRW Project # 202618  
Progress Print - Rev. 1



VICINITY MAP



LOCATION MAP



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REV 0 E-04 POLE BASE DETAIL & FIXTURE CUTSHEETS



New Location for:  
**Smalls Sliders**  
330 N. Cedar Bluff Road  
Knoxville, TN



130 Regional Park Dr.  
Kingsport, TN 37660  
Phn (423) 349-7760  
Fax (423) 349-7413  
www.grcinc.com

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no.	date	rev. description
1	04-17-26	ADDRESS PLANNING COMMENTS

## ELECTRICAL

**Blaser Engineering**  
342 Moore Street  
Bristol, VA 24201  
Phone: (423) 349-8380  
Email: jimblaser@gmail.com

## STRUCTURAL

**SPODEN & WILSON CONSULTING ENGINEERS**  
430 CLAY STREET  
KINGSPORT, TENNESSEE 37660  
Phone: (423) 245-1181 Fax: (423) 245-0852  
email: sweng@spodenwilson.com

## ARCHITECT / CIVIL

**Cain Rash West Architects**  
130 Regional Park Dr.  
Kingsport, TN 37660  
Phn (423) 349-7760  
Fax (423) 349-7413  
www.grcinc.com

PROGRESS PRINT  
4/17/2026  
NOT FOR CONSTRUCTION

issued XX MONTH 2023  
checked cdr  
drawn cdr  
project no. 202618

COVER SHEET

G-00

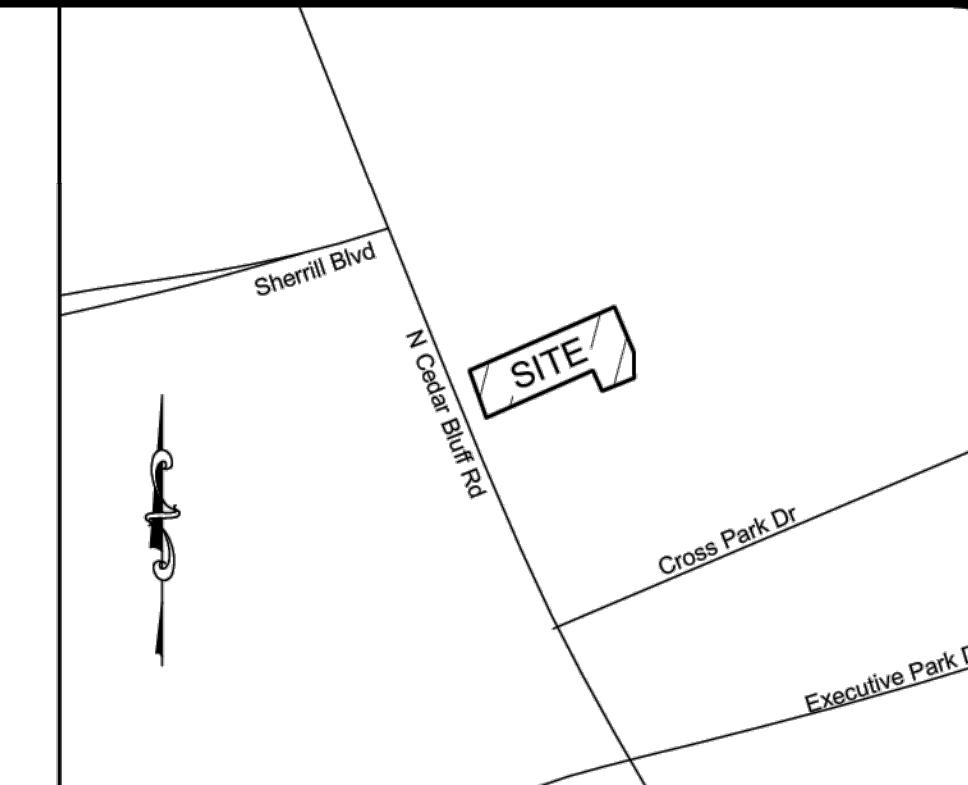
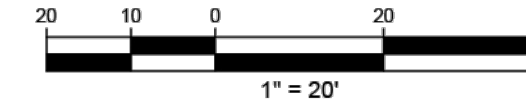


**Notes:**

GPS BRx7

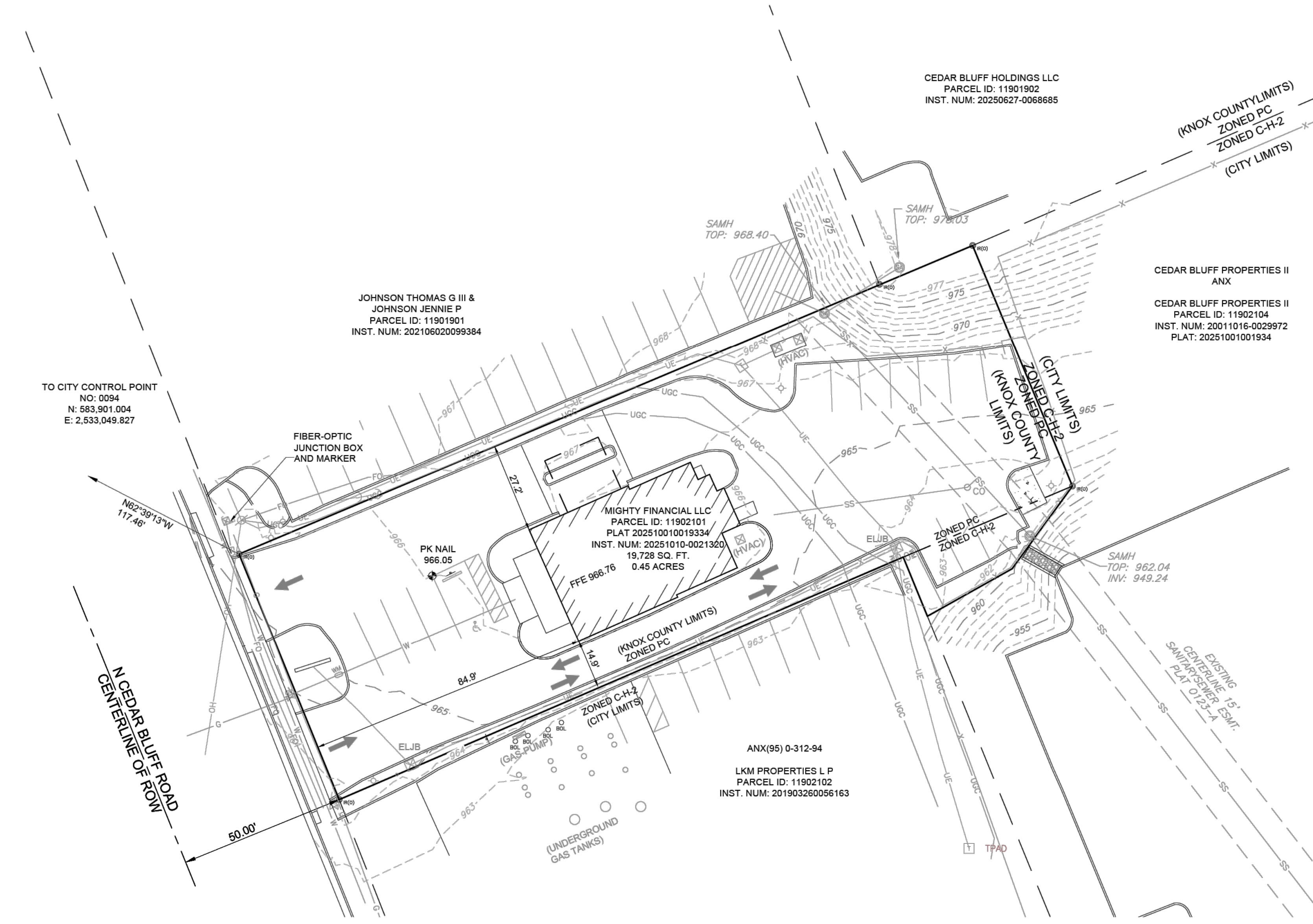
For boundary and topographic aspects of this survey, RTK GPS positional data was observed on/between the dates of 1-6-26 utilizing a Carlson BRx7 multi-frequency receiver. The grid coordinates of the Fixed Station(s) shown were derived by an RTK unit using TDOT network referenced to NAD 83 (2011) EPOCH (2010), Geoid 18

Positional accuracy of the GPS vectors does not exceed: H 0.096', V0.197'  
 Distance in US Survey Feet. Unless otherwise stated.  
 Combined Grid Factor: 0.999910093093 centered on Fixed Station 1 location being:  
 N:583,840.4842, E:2,533,212.4131, ELEV: 966.05 as shown on map.



LOCATION MAP

OWNER:  
 PARCEL ID: 119 02101  
 MIGHTY FINANCIAL LLC  
 2229 LOVELL RD  
 KNOXVILLE, TN 37923  
 SITE ADDRESS : 330 N CEDAR BLUFF RD.  
 KNOXVILLE - 37923  
 ZONING : (PLANNED COMMERCIAL ZONE)



**CERTIFICATE OF ACCURACY**  
 I hereby certify that this is a category "1" survey and the ratio of precision of the unadjusted survey exceeding 1:10,000 and that this survey was done in compliance with current Minimum Standards of Practice for the State of Tennessee.

*[Signature]* Date: 1-7-26  
 Registered Land Surveyor  
 Tennessee Certificate No. 2033

**LEGEND**

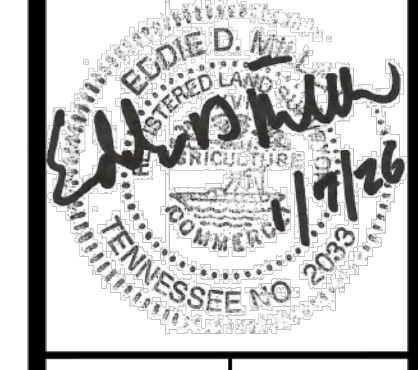
- IR(O) IRON ROD (OLD)
- IR(N) 1/2" IRON ROD (NEW)
- ▲ PK NAIL
- PROPERTY LINE
- - - ADJOINING PROPERTY CENTER LINE
- - - CENTER LINE
- - - EXIST. WATERLINE
- - - EXIST. WATER VALVE
- - - EXIST. WATER METER
- - - EXIST. FIRE HYDRANT
- - - EXIST. TRANSFORMER PAD
- - - OVERHEAD ELECTRIC LINE
- - - UNDERGROUND ELECTRIC LINE
- - - EXIST. POWER POLE-TEL. POLE
- - - EXIST. LIGHT POLE
- - - EXIST. SANITARY SEWER LINE
- - - EXIST. SANITARY SEWER MANHOLE
- - - EXIST. SEWER-STORM CLEAN-OUT
- - - EXIST. STORM MANHOLE
- - - EXIST. STORM LINE
- - - 12" PIPE
- - - EXIST. CURB INLET OR STORM DRAIN
- - - EXIST. GAS VALVE
- - - EXIST. GAS METER
- - - EXIST. GAS LINE
- - - EXIST. UNDERGROUND COMMUNICATION
- - - EXIST. FENCE
- - - EXIST. TELEPHONE PEDISTAL
- TEL-NEW LOT NO. (NEW)
- TEL-OLD LOT NO. (OLD)

Project:  
**Map 119 Parcel 021.01**  
 330 N Cedar Bluff Rd  
**Mighty Financial LLC**  
 Knoxville, Tennessee

**LAND DEVELOPMENT SOLUTIONS**  
  
 310 SIMMONS RD., SUITE K-KNOXVILLE, TENNESSEE 37922  
 PH: 865-671-2281

Drawing Description:  
**Boundary and Topographic Survey**

Revision	Date	No.



Drawn By	
Checked	
Approved	
Job No.	2026002
1"=20'	1-7-26
Scale	Date

**SUR-1**  
 Sheet No.

New Location for:  
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 330 N. Cedar Bluff Road  
 Knoxville, TN

**Cain Rash West**  
 Architects  
 130 Regional Park Dr.  
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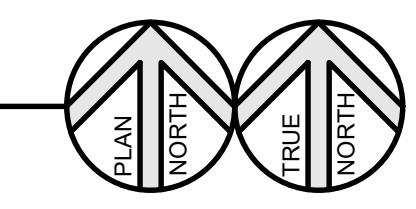
**FOR REFERENCE ONLY**  
**NOT FOR CONSTRUCTION**

issued	03-30-2026
checked	BJW
drawn	
project no.	202618

EXISTING SITE SURVEY

**V-01**

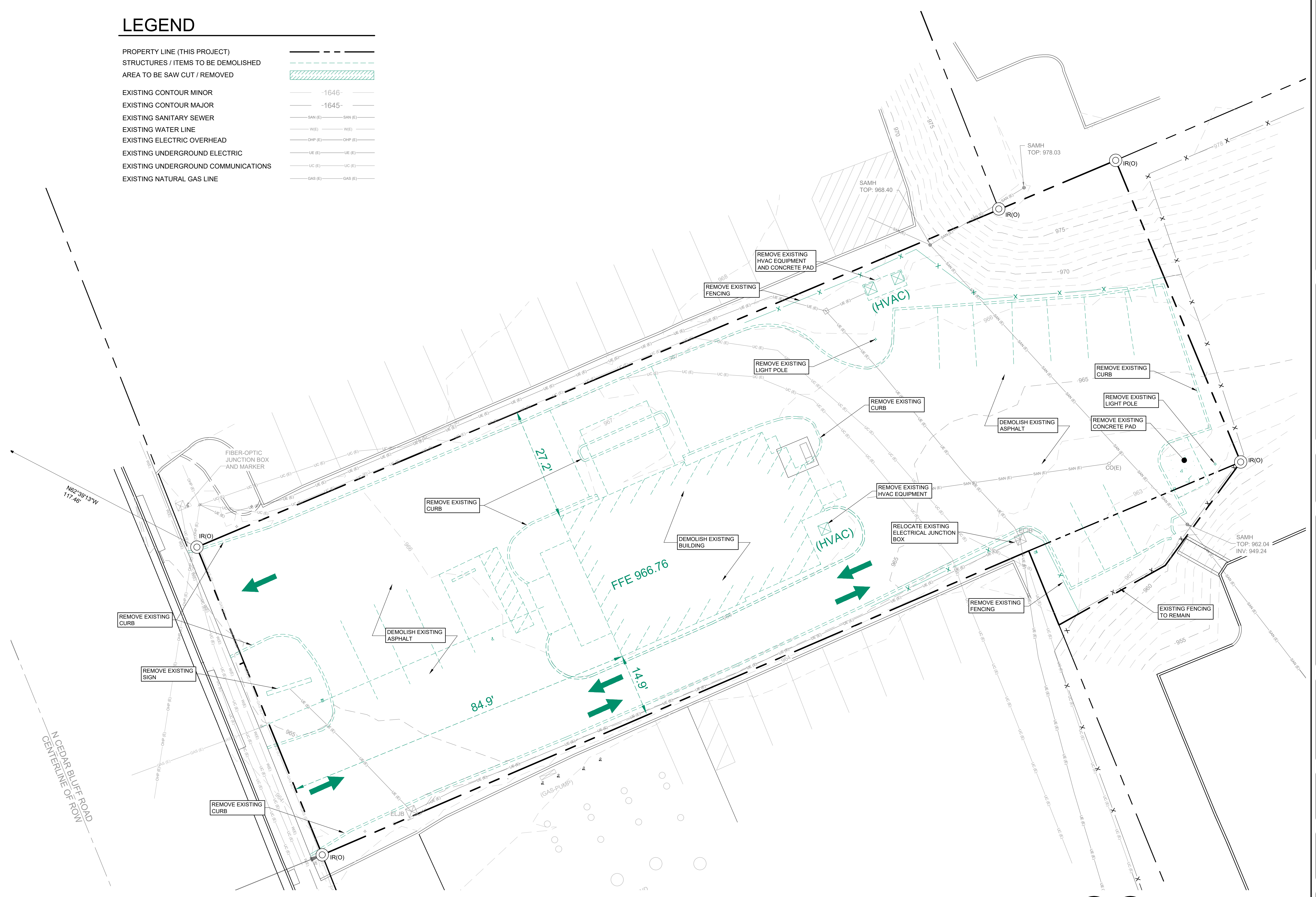
**EXISTING SITE SURVEY**  
 SCALE: N.T.S.



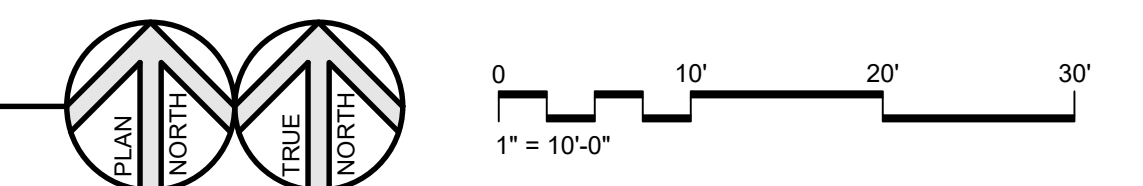
X:\2026\2026002 - Mighty Financial LLC Cedar Bluff Rd Topo\DWG\Mighty Financial LLC\Cedar Bluff Topo.dwg Jan 12, 2026 - 10:04am emitter - LDS Copyright 2026  
 printed: 4/14/2026 11:53:18 AM file: V-01\_EXISTINGSITESURVEY\_202618.DWG

# LEGEND

- PROPERTY LINE (THIS PROJECT)
- STRUCTURES / ITEMS TO BE DEMOLISHED
- AREA TO BE SAW CUT / REMOVED
  
- EXISTING CONTOUR MINOR  -1646-
- EXISTING CONTOUR MAJOR  -1645-
- EXISTING SANITARY SEWER  SAN (E) SAN (E)
- EXISTING WATER LINE  W(E) W(E)
- EXISTING ELECTRIC OVERHEAD  OHP (E) OHP (E)
- EXISTING UNDERGROUND ELECTRIC  UE (E) UE (E)
- EXISTING UNDERGROUND COMMUNICATIONS  UC (E) UC (E)
- EXISTING NATURAL GAS LINE  GAS (E) GAS (E)



**SITE LAYOUT PLAN**  
SCALE: 1" = 10'-0"



**smalls**  
sliders

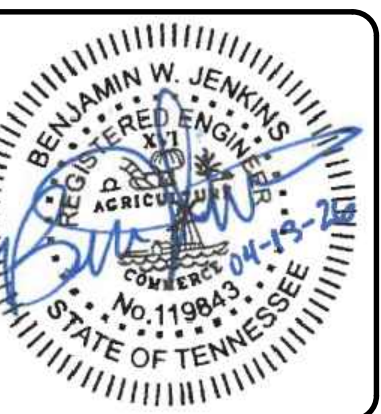
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Architects

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no.	date	rev.	description



issued 04-13-2026  
checked JG, BWJ  
drawn BWJ  
project no. 202618

SITE DEMOLITION PLAN

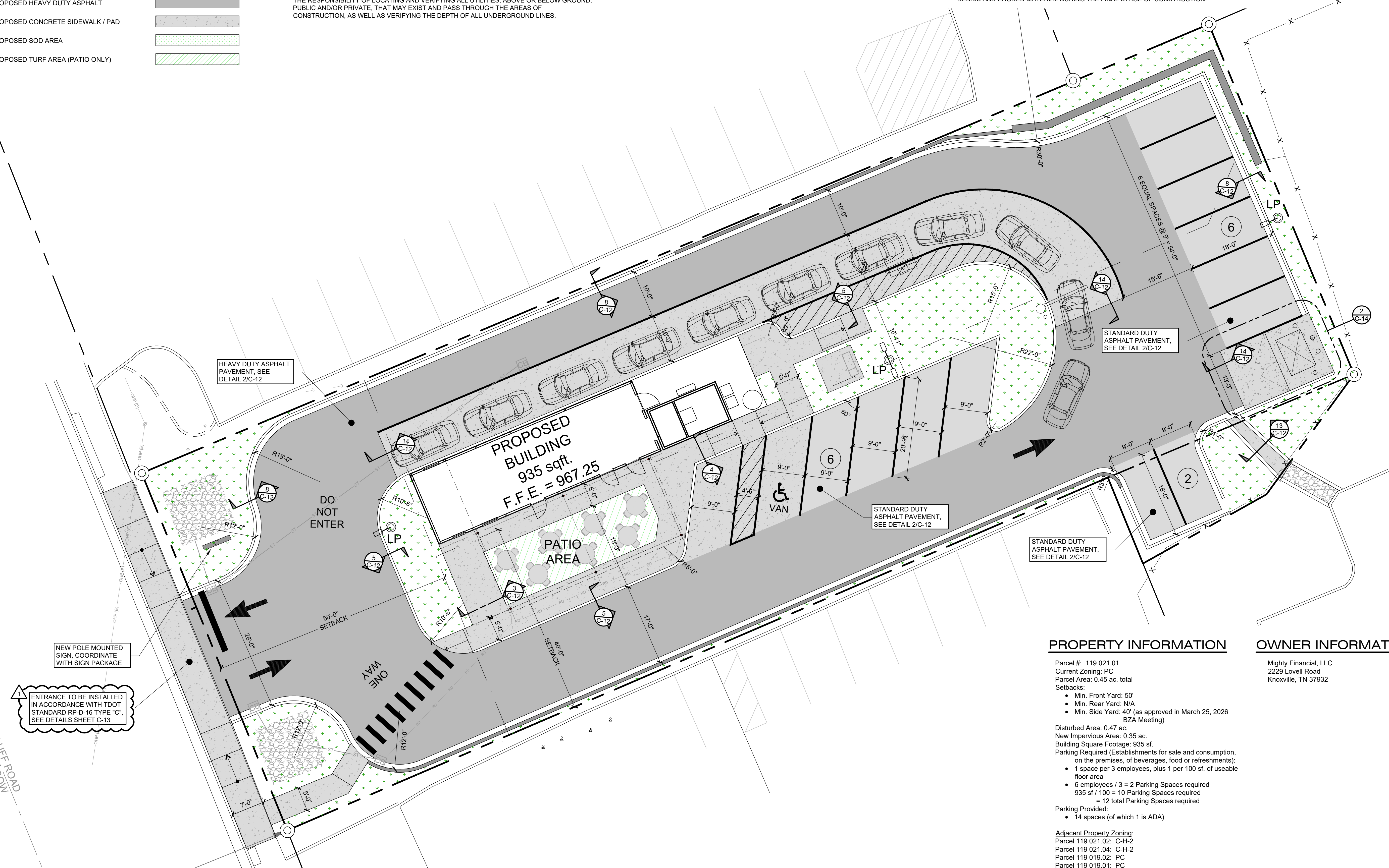
**C-01**

# LEGEND

PROPERTY LINE THIS PROJECT	---
ADJACENT PROPERTY LINE	---
EXISTING OVERHEAD POWER	---(E)---
EXISTING UNDERGROUND COMMUNICATION	---(E)---
EXISTING UNDERGROUND POWER	---(E)---
EXISTING STORM SEWER	---(E)---
EXISTING SANITARY SEWER	---(E)---
EXISTING WATER LINE	---(E)---
PROPOSED STANDARD DUTY ASPHALT	▒
PROPOSED HEAVY DUTY ASPHALT	▒
PROPOSED CONCRETE SIDEWALK / PAD	▒
PROPOSED SOD AREA	▒
PROPOSED TURF AREA (PATIO ONLY)	▒

# SITE NOTES

- ALL EXISTING STRUCTURES, SIDEWALKS, ASPHALT PAVING, AND SITE UTILITIES SHALL BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
- FOR THE ESTABLISHMENT OF SUB-GRADES, THE FOLLOWING FINISHED SURFACE THICKNESSES SHALL BE APPLICABLE:  
 ASPHALT, HEAVY DUTY - 12.5" (1.5" FINISH COURSE, 3" BINDER COURSE, AND 8" STONE BASE)  
 STD. DUTY - 9.5" (1.5" FINISH COURSE, 2" BINDER COURSE, AND 6" STONE BASE)  
 BUILDING: 8" (4" CONCRETE SLAB AND 4" CRUSHED STONE BASE, SEE STRUCTURAL)
- PROVIDE POSITIVE DRAINAGE TO ALL LOW POINTS TO PREVENT PONDING OF SURFACE RUN-OFF.
- ALL UTILITY CONNECTIONS AND / OR MODIFICATIONS TO EXISTING UTILITY SERVICES SHALL BE COORDINATED WITH THE LOCAL AUTHORITY HAVING JURISDICTION.
- THIS PLAN DOES NOT GUARANTEE THE EXISTENCE OR NON-EXISTENCE OF UTILITIES OR THE DEPTH OF UTILITIES EXCEPT AS SPECIFICALLY INDICATED ON THE DRAWINGS AT POINTS OF SPECIFIED INVERTS OR TOPS OF PIPES EXCAVATED AND MEASURED IN THE FIELD. PRIOR TO ANY CONSTRUCTION, OR EXCAVATION FOR CONSTRUCTION, THE CONTRACTOR SHALL ASSUME THE RESPONSIBILITY OF LOCATING AND VERIFYING ALL UTILITIES, ABOVE OR BELOW GROUND, PUBLIC AND/OR PRIVATE, THAT MAY EXIST AND PASS THROUGH THE AREAS OF CONSTRUCTION, AS WELL AS VERIFYING THE DEPTH OF ALL UNDERGROUND LINES.
- OVERHEAD, SURFACE, AND SUB-SURFACE INVESTIGATIONS: THE INFORMATION REGARDING EXISTING UNDERGROUND CONDUITS, CABLES, UTILITIES, AND GROUND STRUCTURES HAS BEEN OBTAINED BY THE ARCHITECT FOR HIS OWN USE. ALL SUCH INFORMATION, AND THE DRAWINGS OF EXISTING CONSTRUCTION, ARE FURNISHED ONLY FOR THE INFORMATION AND CONVENIENCE OF THE BIDDERS. THE ACCURACY OR COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED BY THE ARCHITECT AND IT IS NOT INTENDED TO BE CONSIDERED AS PART OF THE CONTRACT DOCUMENTS EVEN THOUGH SHOWN FOR GUIDANCE ON SOME DRAWINGS. THE CONTRACTOR MUST UNDERTAKE SUCH INVESTIGATIONS AS HE DEEMS NECESSARY TO VERIFY THE LOCATION OF SUCH UNDERGROUND CONDUITS, CABLES, UTILITIES, AND GROUND STRUCTURES. THE CONTRACTOR MUST ASSUME ALL RISKS IN EXCAVATING FOR THIS CONTRACT BASED ON HIS OWN INVESTIGATION OF THESE UNDER-GROUND CONDUITS, CABLES, UTILITIES, AND GROUND STRUCTURES.
- IN NO CASE DURING CONSTRUCTION SHALL WATER RUN-OFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
- IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAYS WORK.
- THE CONTRACTOR SHALL CONSTRUCT AND MAINTAIN EROSION CONTROL MEASURES SUFFICIENT TO PREVENT SOIL FROM BEING ERODED FROM THE SITE INTO ANY ADJACENT DRAINAGE SYSTEM, DITCH, OR WATER COURSES. ANY MATERIAL THAT IS SO ERODED SHALL BE PROMPTLY REMOVED.
- TEMPORARY DRAINAGE DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR TO RELIEVE FLOODED AREAS THAT MAY CAUSE DAMAGE TO THE SITE OR CITY RIGHT-OF-WAY.
- THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATELY CLEANING EQUIPMENT PRIOR TO LEAVING CONSTRUCTION SITE. SO AS NOT TO TRACK MUD, ASPHALT, ETC., ONTO PUBLIC RIGHT-OF-WAY. THE CONTRACTOR IS RESPONSIBLE FOR ANY CLEAN-UP OPERATIONS ON ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY DUE TO MUD, ASPHALT, ETC., THAT IS TRACKED FROM THE CONSTRUCTION SITE.
- REMOVAL OF ERODED SEDIMENTS SHALL INCLUDE REMOVAL OF SEDIMENTS FROM ANY OFF-SITE DRAINAGE SYSTEM, INCLUDING EXISTING DITCHES AND STORM SEWERS, WHICH CONTAIN SEDIMENTS ERODED FROM THE WORK AREA.
- ALL STREETS, STORM SEWER PIPES, DROP INLETS, AND CURB INLETS SHALL BE CLEANED OF DEBRIS AND ERODED MATERIAL DURING THE FINAL STAGE OF CONSTRUCTION.



## PROPERTY INFORMATION

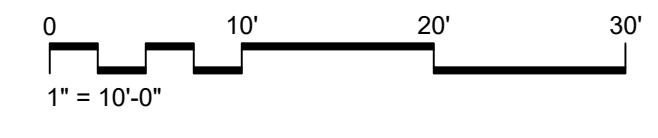
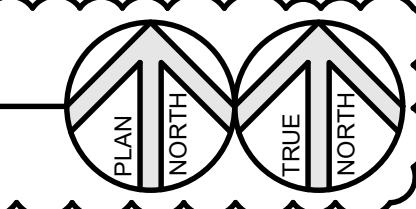
Parcel #: 119 021.01  
 Current Zoning: PC  
 Parcel Area: 0.45 ac. total  
 Setbacks:  
 • Min. Front Yard: 50'  
 • Min. Rear Yard: N/A  
 • Min. Side Yard: 40' (as approved in March 25, 2026 BZA Meeting)  
 Disturbed Area: 0.47 ac.  
 New Impervious Area: 0.35 ac.  
 Building Square Footage: 935 sf.  
 Parking Required (Establishments for sale and consumption, on the premises, of beverages, food or refreshments):  
 • 1 space per 3 employees, plus 1 per 100 sf. of useable floor area  
 • 6 employees / 3 = 2 Parking Spaces required  
 935 sf / 100 = 10 Parking Spaces required  
 = 12 total Parking Spaces required  
 Parking Provided:  
 • 14 spaces (of which 1 is ADA)  
 Adjacent Property Zoning:  
 Parcel 119 021.02: C-H-2  
 Parcel 119 021.04: C-H-2  
 Parcel 119 019.02: PC  
 Parcel 119 019.01: PC

## OWNER INFORMATION

Mighty Financial, LLC  
 2229 Lovell Road  
 Knoxville, TN 37932

## SITE LAYOUT PLAN

SCALE: 1" = 10'-0"



New Location for:  
**Smalls Sliders**  
 330 N. Cedar Bluff Road  
 Knoxville, TN

**Cain Rash West**  
 Architects  
 130 Regional Park Dr.  
 Kingsport, TN 37660  
 Phn (423) 349-7760  
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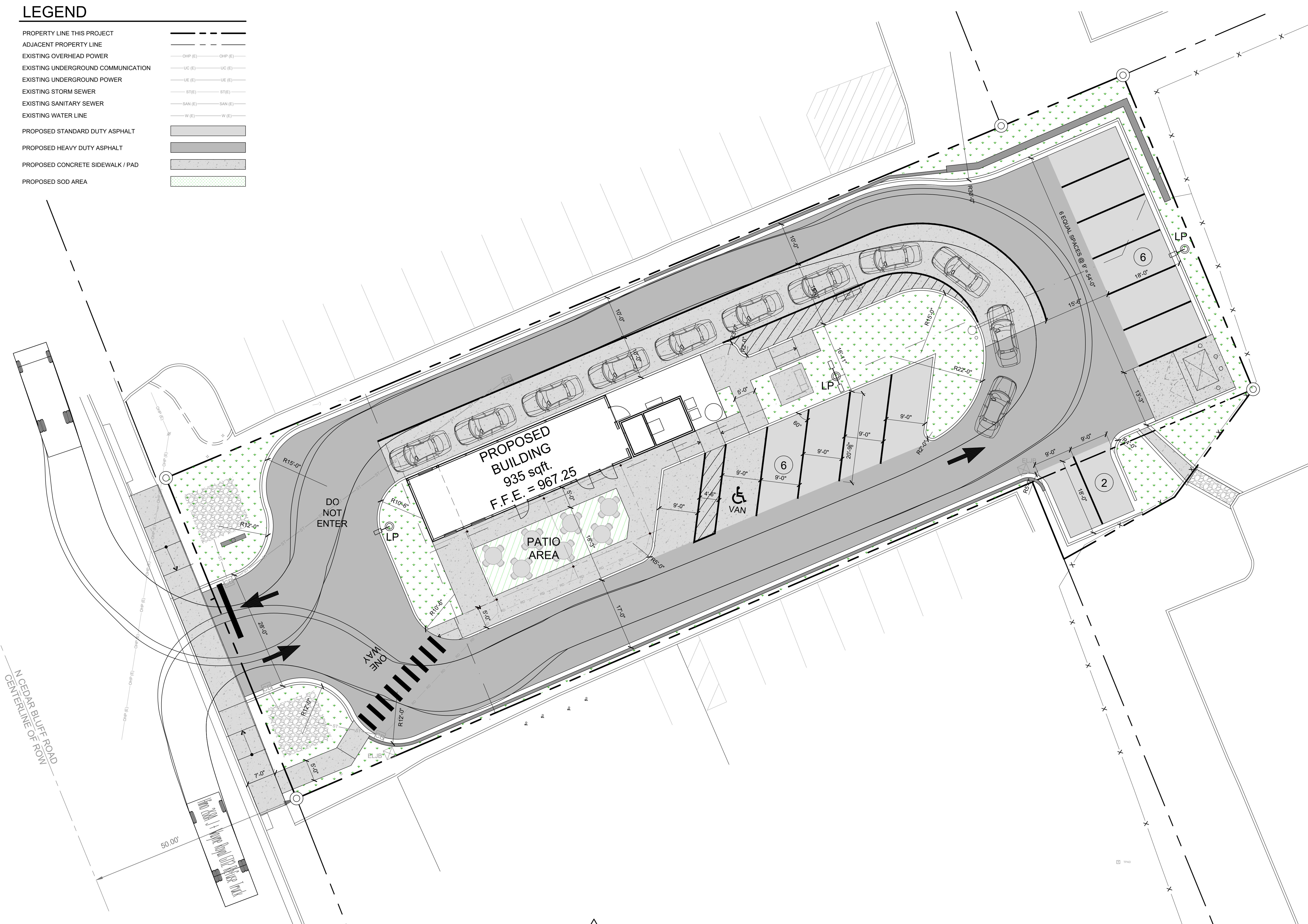
issued	04-13-2026
checked	JG, BWJ
drawn	BWJ
project no.	202618

SITE LAYOUT PLAN

C-11

**LEGEND**

PROPERTY LINE THIS PROJECT	---
ADJACENT PROPERTY LINE	---
EXISTING OVERHEAD POWER	CHP (E) --- CHP (E)
EXISTING UNDERGROUND COMMUNICATION	UC (E) --- UC (E)
EXISTING UNDERGROUND POWER	UE (E) --- UE (E)
EXISTING STORM SEWER	ST (E) --- ST (E)
EXISTING SANITARY SEWER	SAN (E) --- SAN (E)
EXISTING WATER LINE	W (E) --- W (E)
PROPOSED STANDARD DUTY ASPHALT	[Pattern]
PROPOSED HEAVY DUTY ASPHALT	[Pattern]
PROPOSED CONCRETE SIDEWALK / PAD	[Pattern]
PROPOSED SOD AREA	[Pattern]



**TRUCK CIRCULATION DIAGRAM (GARBAGE TRUCK)**  
 SCALE: 1" = 10'-0"

**smalls**  
 architects

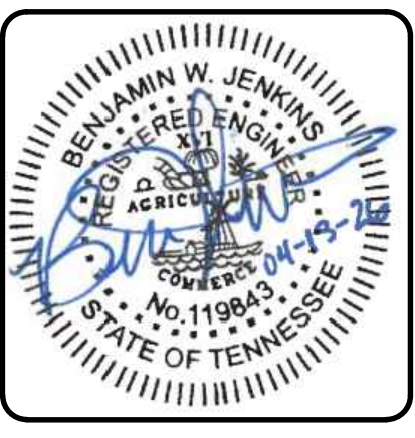
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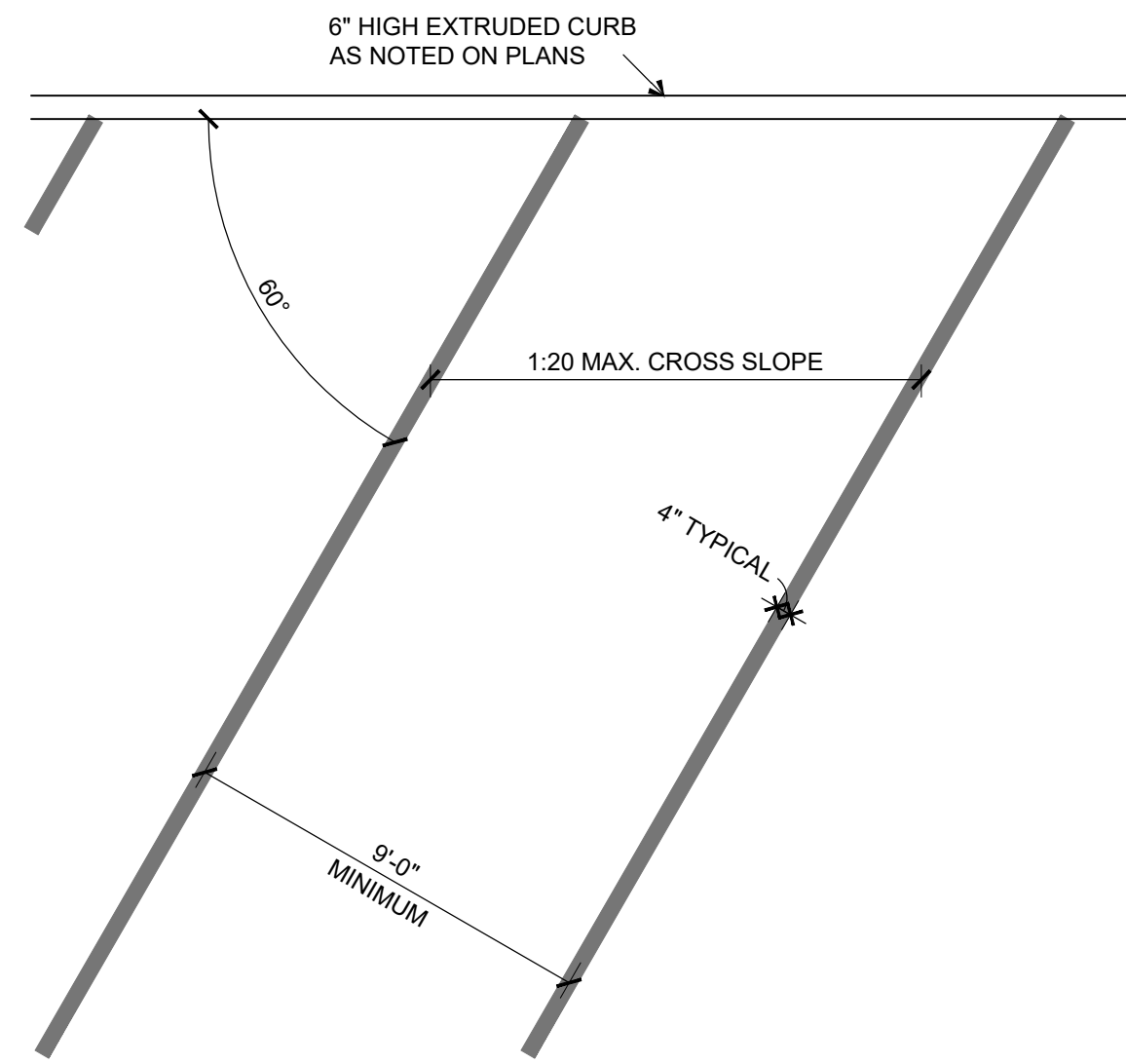
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1	04-17-26	ADDRESS PLANNING COMMENTS



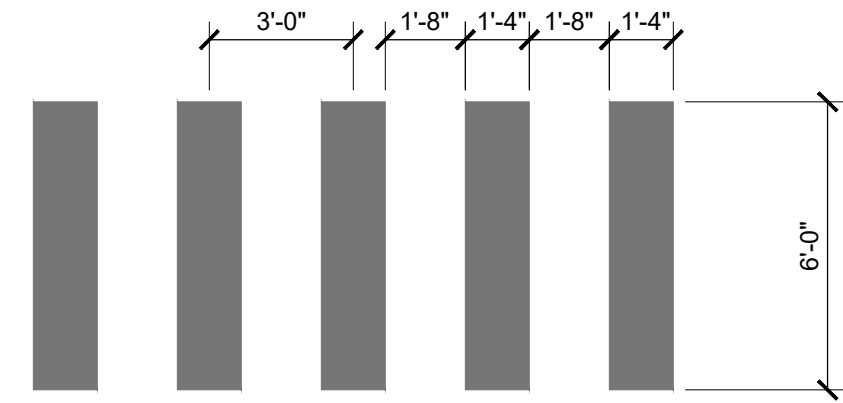
issued	04-13-2026
checked	JG, BWJ
drawn	BWJ
project no.	202618

TRUCK  
 CIRCULATION  
 DIAGRAM

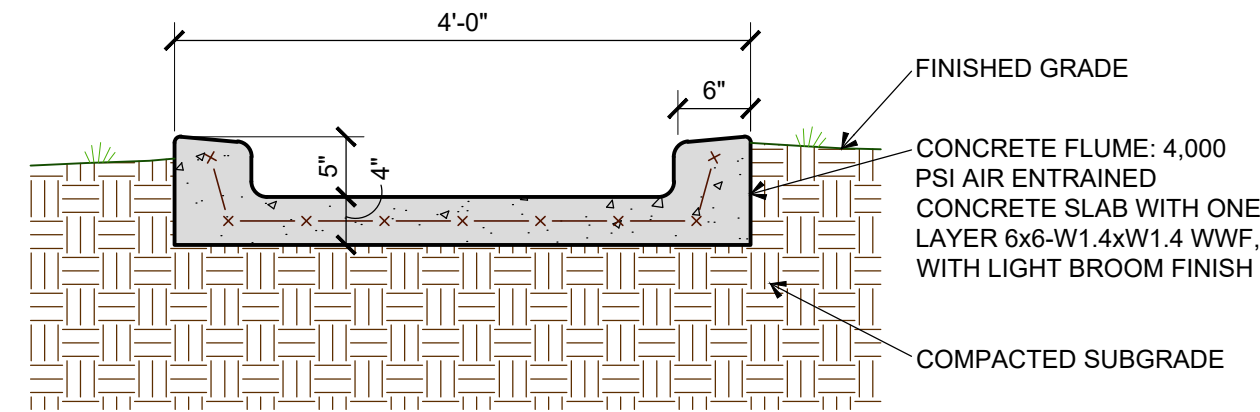
**C-11A**



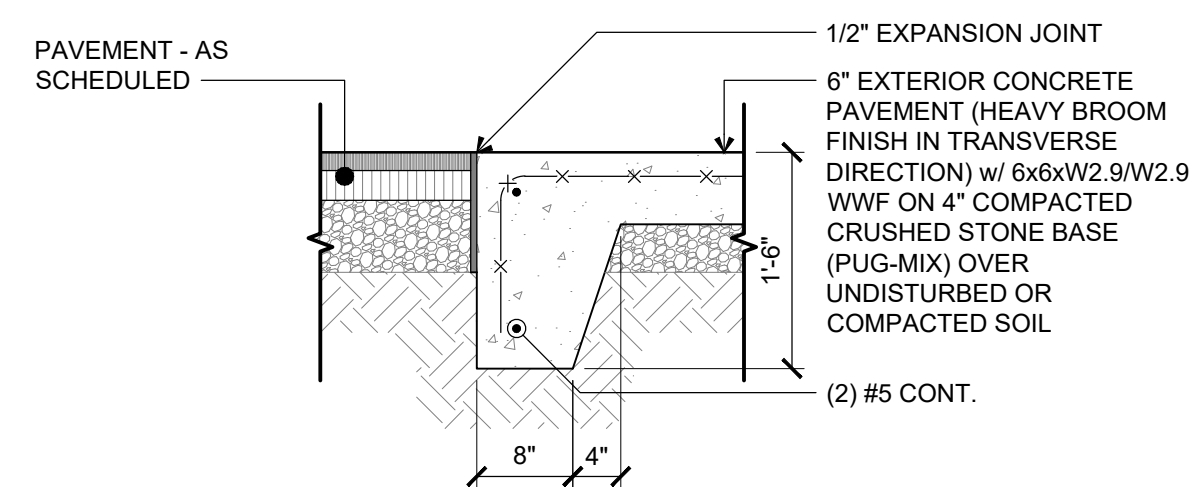
**60° PAVEMENT STRIPING** (11)  
SCALE: 1/4" = 1'-0"  
C-12



**CROSSWALK STRIPING** (12)  
SCALE: 1/4" = 1'-0"  
C-12

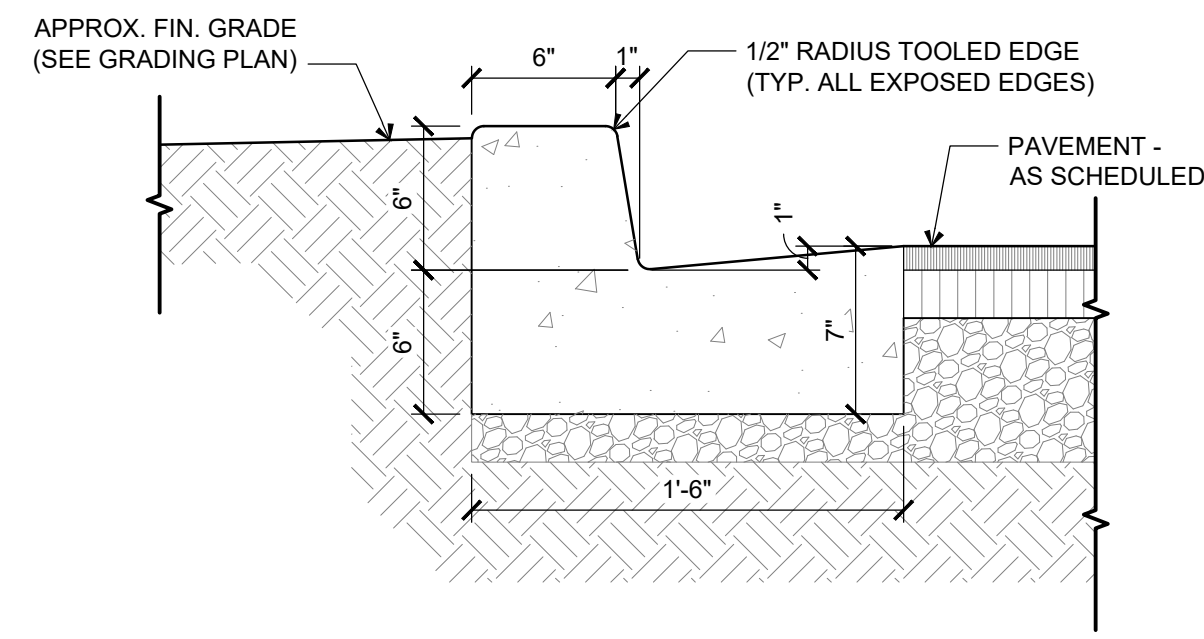


**FLUME SECTION** (13)  
SCALE: 3/4" = 1'-0"  
C-12

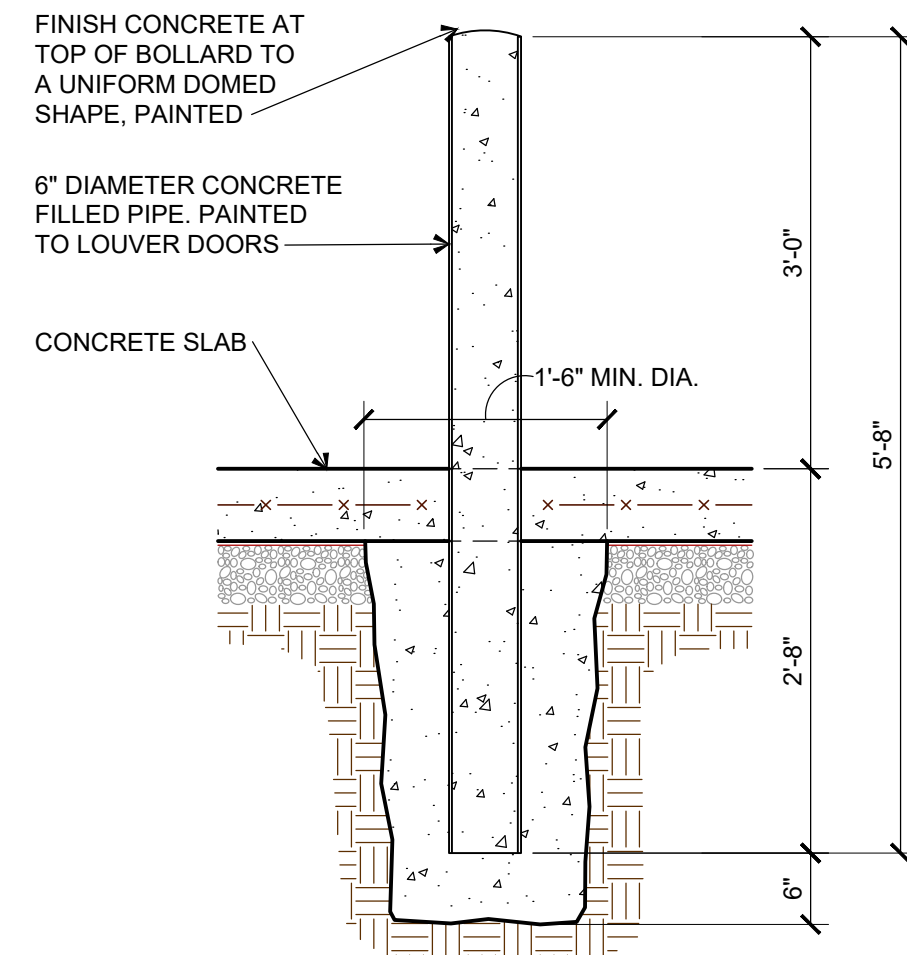


**CONCRETE PAVEMENT** (14)  
SCALE: 3/4" = 1'-0"  
C-12

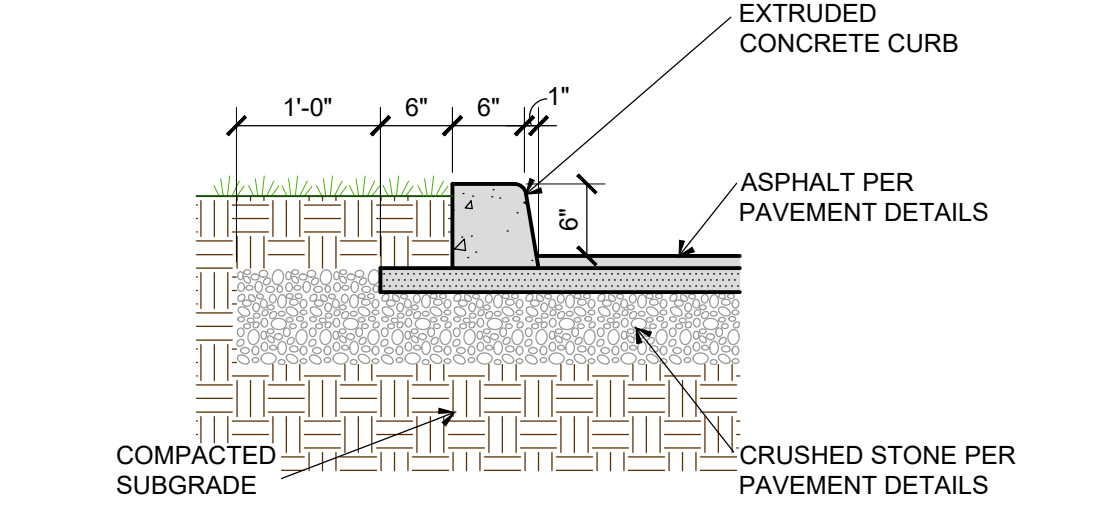
NOTES:  
1. CONCRETE  $f_c$  = 4,000 PSI (AIR-ENTRAINED)  
2. THICKENED SLAB EDGE APPLIES TO FULL PERIMETER OF CONCRETE PAVED AREA UNLESS NOTED OTHERWISE.



**CONCRETE CURB AND GUTTER** (8)  
SCALE: 1 1/2" = 1'-0"  
C-12



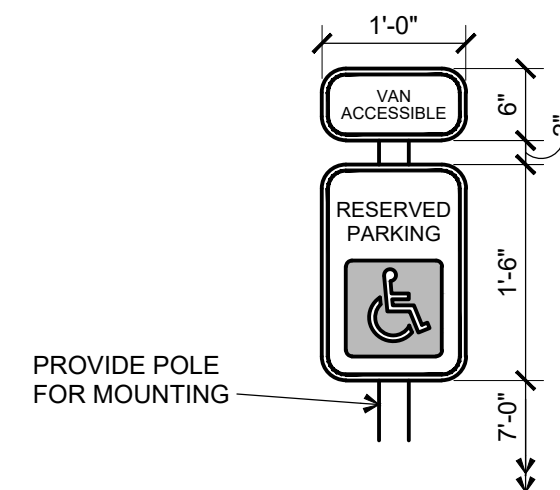
**BOLLARD** (9)  
SCALE: 3/4" = 1'-0"  
C-12



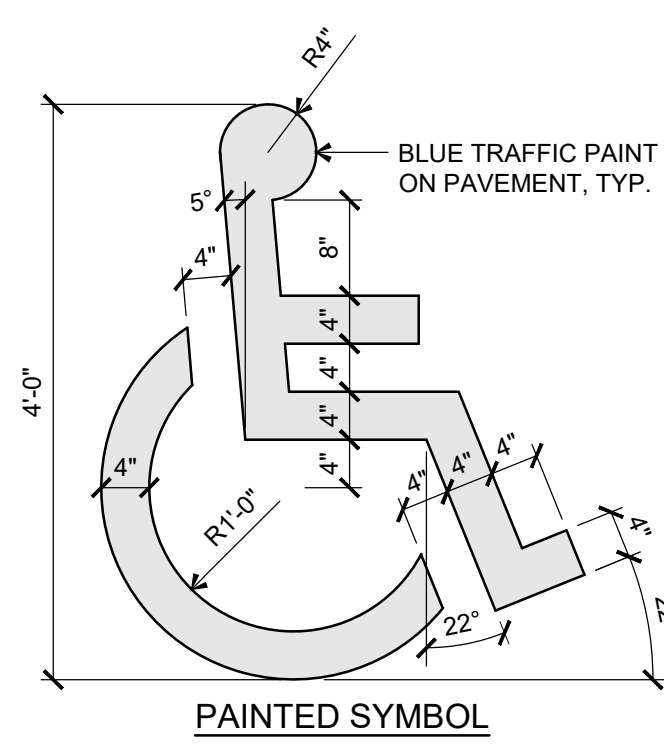
**CURB DETAIL** (5)  
SCALE: 3/4" = 1'-0"  
C-12

**SIGN NOTES**

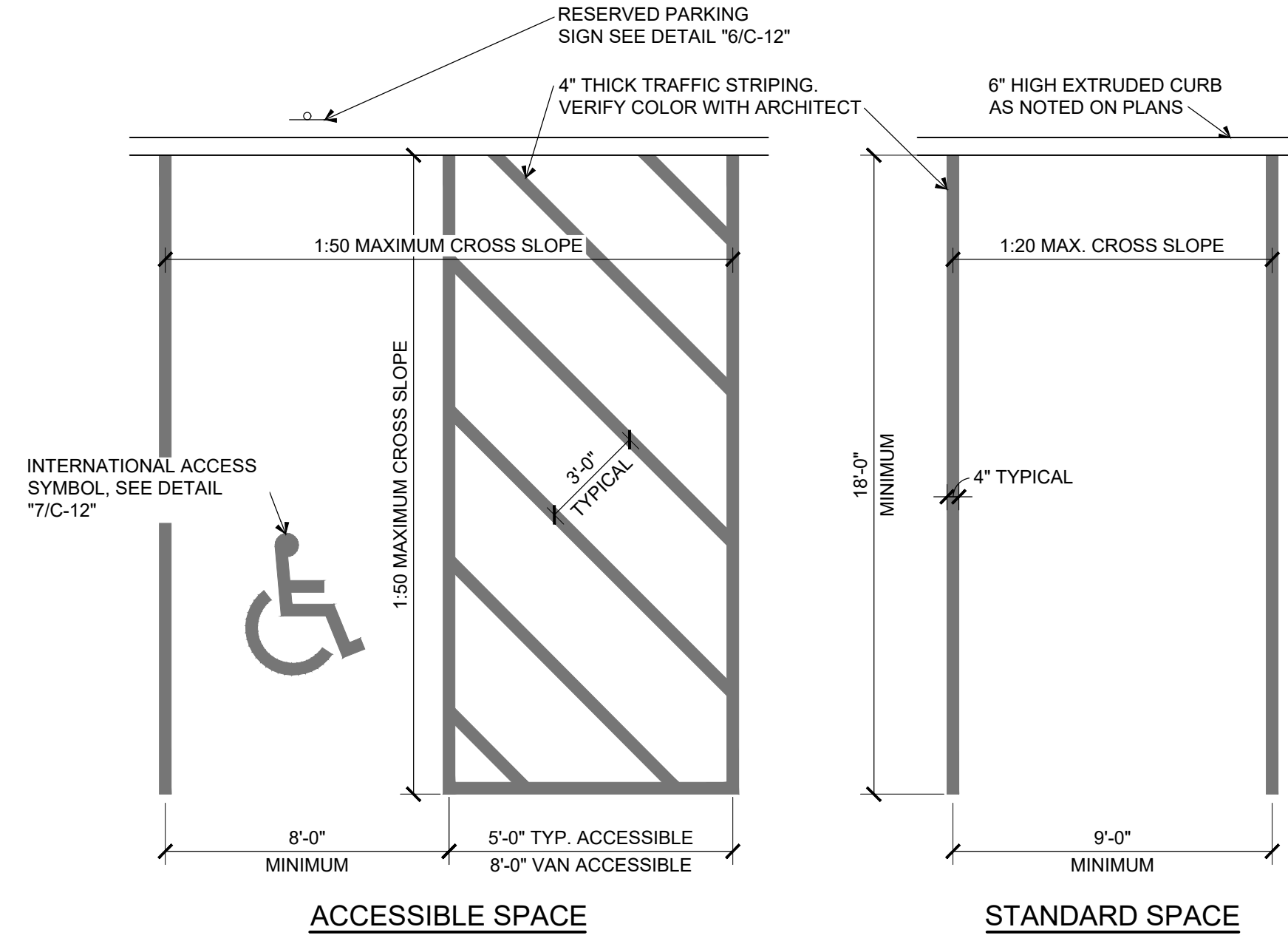
- LOCATIONS SHALL BE DETERMINED IN THE FIELD. ALL MARKING, SIGNAGE, AND PARKING SPACE SIZES SHALL COMPLY WITH THE DEPT. OF JUSTICE 2010 ADA STANDARDS.
- THIS IS A STANDARD USDOT R7-8 SIGN AND MAY BE ORDERED FROM ANY TRAFFIC SIGN SUPPLIER BY NUMBER. THE SIGN MUST BE SUPPLEMENTED WITH A "VAN ACCESSIBLE" SIGN IN LOCATIONS SHOWN ON THE SITE PLAN.
- LOCAL REGULATIONS MAY REQUIRE A SIGN WITH THE FINE AMOUNT FOR ILLEGALLY PARKING IN THE RESERVED SPACE(S).



**SIGN DETAIL** (6)  
SCALE: 3/4" = 1'-0"  
C-12



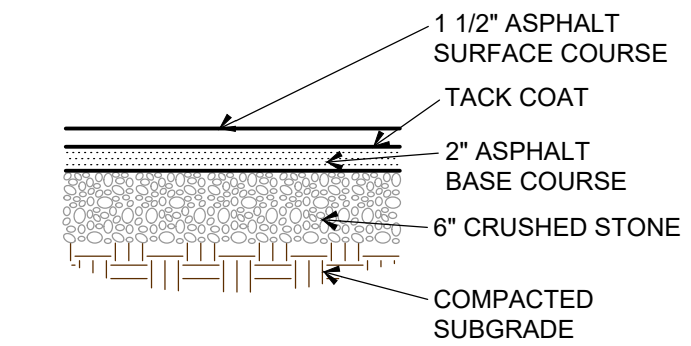
**ADA DETAIL** (7)  
SCALE: 3/4" = 1'-0"  
C-12



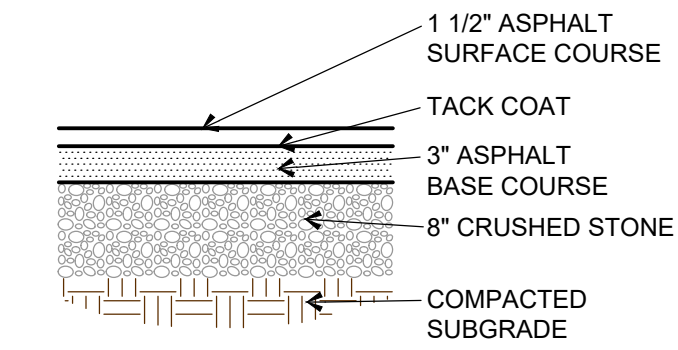
**PAVEMENT STRIPING** (10)  
SCALE: 1/4" = 1'-0"  
C-12

**NOTES**

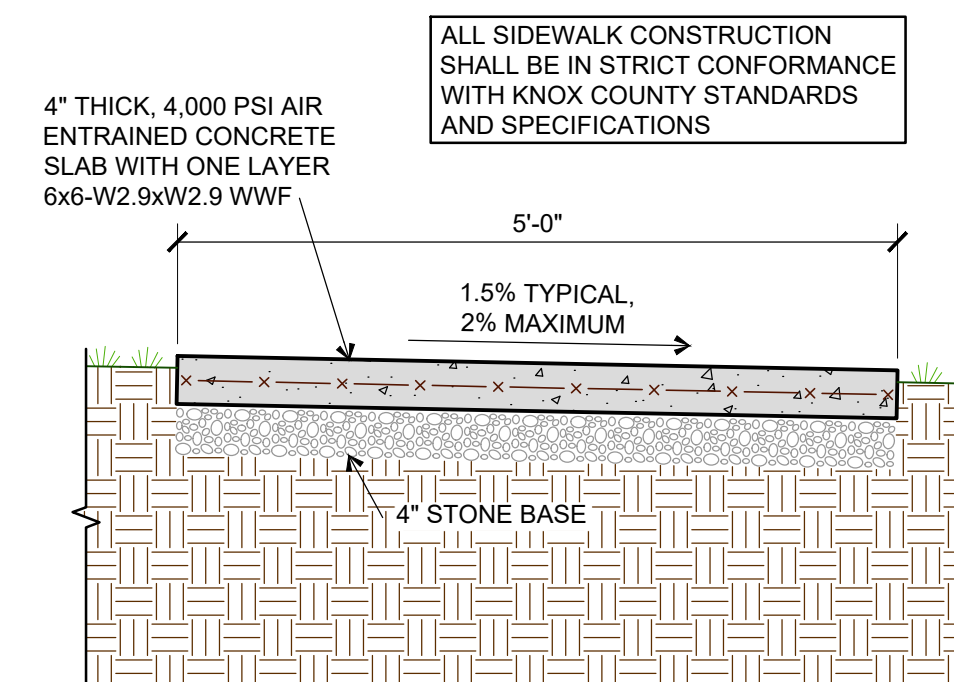
- REFER TO GRADING PLAN C-21 FOR AREA OF NEW CUT AND STANDARD PAVING PER DETAIL BELOW.



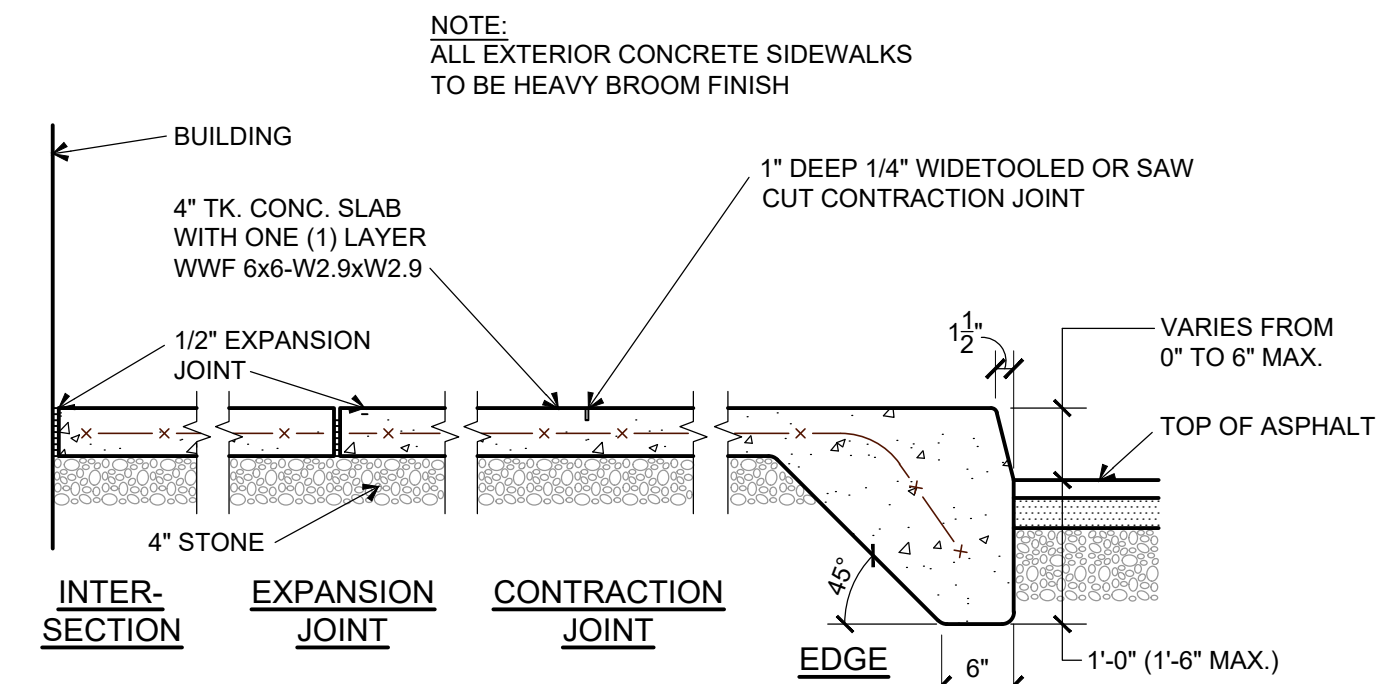
**STANDARD DUTY ASPHALT PAVEMENT** (1)  
SCALE: 3/4" = 1'-0"  
C-12



**HEAVY DUTY ASPHALT PAVEMENT** (2)  
SCALE: 3/4" = 1'-0"  
C-12



**SIDEWALK SECTION** (3)  
SCALE: 3/4" = 1'-0"  
C-12



**SIDEWALK DETAIL** (4)  
SCALE: 3/4" = 1'-0"  
C-12



New Location for:  
**Smalls Sliders**  
330 N. Cedar Bluff Road  
Knoxville, TN



130 Regional Park Dr.  
Kingsport, TN 37660  
Phn (423) 349-7760  
Fax (423) 349-7413  
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drawn BWJ  
project no. 202618

SITE LAYOUT DETAILS

C-12

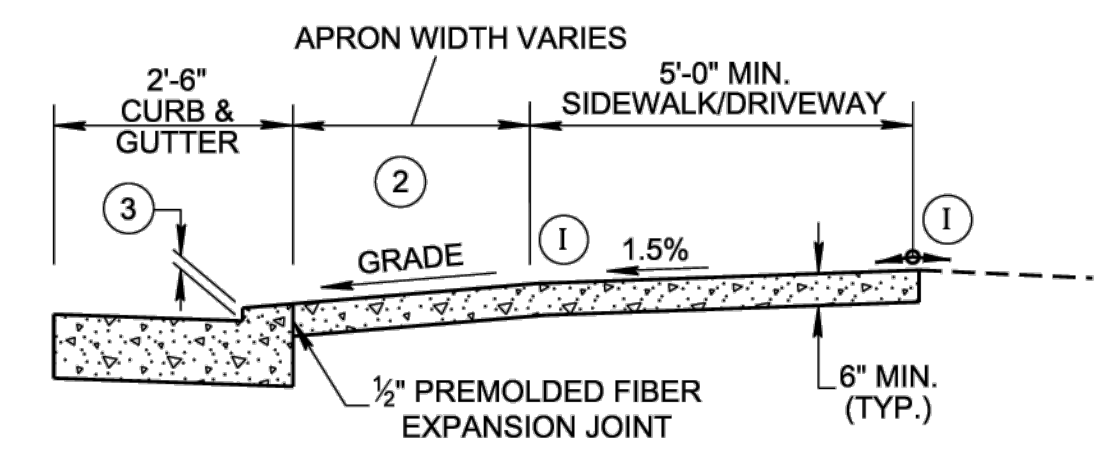
no.	date	rev.	description
1	04-17-26		ADDRESS PLANNING COMMENTS



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project no.	202618

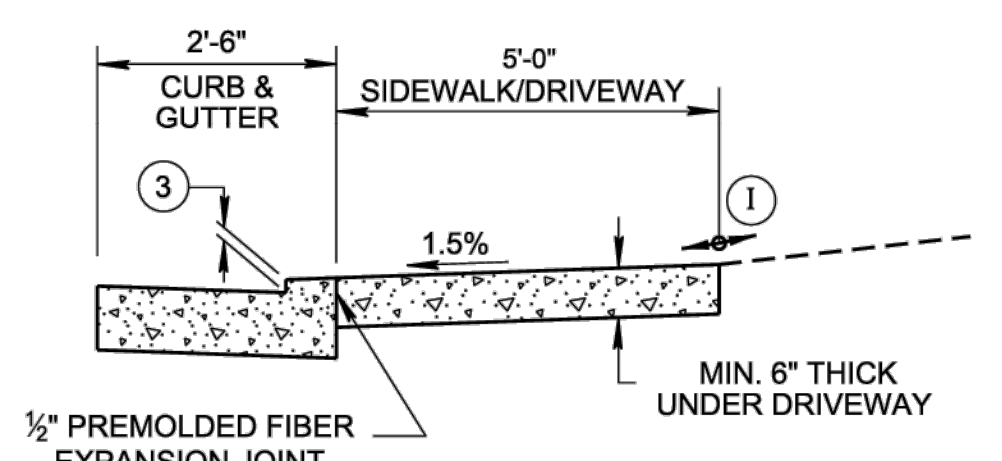
TDOT ENTRANCE DETAILS

REV. 7-15-08: UPDATED SIDEWALK DIMENSIONS.  
 □ REV. 4-8-16: ADDED ITEM NUMBERS, UPDATED SLOPES AND DIMENSIONS, UPDATED NOTES.  
 □ REV. 07-16-18: ADDED NOTES TO CONC. FLARE AND GRASS FLARE IN ISOMETRIC VIEW. ADDED GENERAL NOTE (N) & (M).  
 REV. 01-07-19: ADDED LIMITS FOR ITEM NO. 701-02. ADJUSTED LOCATION OF GENERAL NOTE NO'S. (I) & (N) ON DETAILS. REDREW SHEET.  
 REV. 10-16-20: ADDED GENERAL NOTE (M) MINERAL AGGREGATE ITEM NUMBER AND BASE MATERIAL ON SECTIONS B-B AND D-D.  
 REV. 06-15-21: REVISED AND MERGED GENERAL NOTES (I) AND (M). ADJUSTED LOCATION OF GENERAL NOTE NO'S. REVISED GENERAL NOTES (M) AND (N) ADDED PAY ITEM NO. 701-02.02.  
 REV. 10-29-2021: FOOTNOTE NUMBER 7 WAS ADDED. SIDE WIDTH AND FOOTNOTE NUMBER 7 WERE ADDED ON TYPE C DRIVEWAY AND ON SECTION D-D.  
 REV. 04-01-25: NOTE (L) REFERENCE TO HSAM VOL 3



**SECTION A-A (6)**

- FOOTNOTES**
- (1) SIDE FLARE WIDTH SHOULD BE A MINIMUM 7'-0" FOR COMMERCIAL DRIVEWAYS. SIDE FLARE WIDTH SHOULD BE A MINIMUM 3'-6" FOR RESIDENTIAL DRIVEWAYS.
  - (2) DRIVEWAY RAMP GRADE VARIES, 15% MAX. (10% RECOMMENDED) APRON GRADE FOR RESIDENTIAL DRIVEWAYS. 8% MAX. (5% RECOMMENDED) APRON GRADE FOR COMMERCIAL DRIVEWAYS.
  - (3) HEIGHT OF LOWERED CURB SHALL BE 2.25 INCHES. SEE STD DWG RP-VC-10 & RP-VC-11.
  - (4) THE SLOPE OF THE SIDEWALK AND/OR CURB HEIGHT TRANSITION VARIES TO A MAXIMUM OF 8.33% LENGTH OF TRANSITION IS RELATIVE TO THE LONGITUDINAL ROADWAY GRADE.
  - (5) COMMERCIAL DRIVEWAY ENTRANCE TYPICALLY (MAX. 40' WIDE) MAY REQUIRE DETECTABLE WARNING SURFACES IF ENTRANCE SERVES MORE THAN 400 VEHICLES PER DAY. SEE STD. DWG. NOS. MM-CR-SERIES FOR DETAILS.
  - (6) 3R PROJECTS MAY REQUIRE SLOPE CORRECTION, PARALLEL CROSS-WALK MARKINGS (ESPECIALLY AT TWO WAY DRIVEWAY ENTRANCES), AND DETECTABLE DOME SURFACE TO MAINTAIN CONTINUITY AT COMMERCIAL DRIVE ENTRANCES. ADDITIONAL SIGNS (WATCH FOR PED) MAY BE ADDED AT DRIVEWAYS BY THE DIRECTION OF AN ENGINEER IF NEEDED.
  - (7) SIDE WIDTH SHOULD BE A MINIMUM 7'-0" FOR COMMERCIAL DRIVEWAYS. SIDE WIDTH SHOULD BE A MINIMUM 3'-6" FOR RESIDENTIAL DRIVEWAYS.



**SECTION C-C (6)**

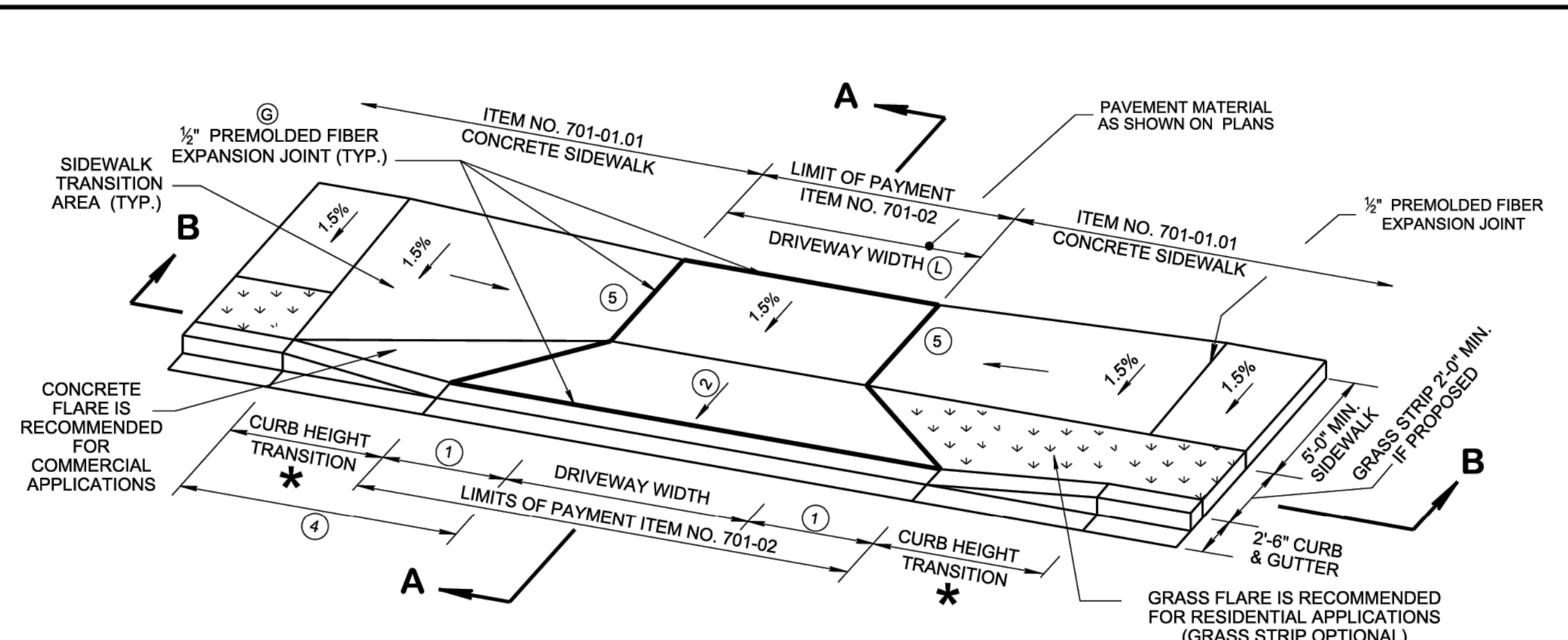
**LEGEND**  
 \* DIMENSION VARIES RELATIVE TO LONGITUDINAL ROADWAY GRADE.

- GENERAL NOTES**
- (A) DUE TO THE ELEVATION CHANGE FOR PEDESTRIANS ON THE SIDEWALK, THIS APPLICATION IS UNDESIRABLE AND IS TO BE USED IN LIMITED APPLICATIONS. SEE RP-D-15 FOR THE PREFERRED DRIVEWAY TYPE.
  - (B) 5'-0" MINIMUM SIDEWALK WITH A MAXIMUM CROSS SLOPE OF 1.5% THROUGH DRIVEWAYS.
  - (C) DESIGNER TO CHECK GUTTER FLOW DEPTH AT DRIVEWAY LOCATIONS TO ASSURE THAT THE DESIGN FLOW DOES NOT OVERTOP THE SIDEWALK AREA. IF OVERTOPPING OCCURS, PLACE AN INLET AT THE UPSTREAM SIDE OF THE DRIVEWAY OR PERFORM OTHER DESIGN MITIGATION
  - (D) THE SLOPE OF THE LANDING AREA SHALL NOT EXCEED 1.5% IN THE SIDEWALK AREA.
  - (E) DRIVEWAYS TO BE BUILT COMPLETE OR IN PART AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
  - (F) ALL CONCRETE DRIVEWAYS TO BE 6" UNIFORM THICKNESS, UNLESS OTHERWISE SHOWN ON PLANS.
  - (G) EXPANSION JOINTS ARE TO BE PLACED AS INDICATED ON THE PLANS. WHEN THE BACK OF THE DRIVEWAY ABUTS AGAINST A CONCRETE DRIVEWAY OR BUILDING, AN ADDITIONAL EXPANSION JOINT WILL BE PLACED AT THAT LOCATION.
  - (H) THE ROADWAY DESIGNER SHALL CONSIDER THE USE OF A CATCH BASIN ON EITHER SIDE OF DRIVEWAY. CAREFUL CONSIDERATION TO THE PLACEMENT OF CATCH BASINS SHALL BE TAKEN IF THE DRIVEWAY IS IN A VERTICAL SAG CURVE.
  - (I) ALGEBRAIC DIFFERENCE NOT TO EXCEED 10.0%.
  - (J) PAY ITEMS:  
 ITEM NO: 303-01, MINERAL AGGREGATE, TYPE A BASE, GRADING D, PER TON.  
 ITEM NO: 701-01.01, CONCRETE SIDEWALK (4"), PER S.F.  
 ITEM NO: 701-02, CONCRETE DRIVEWAY, PER S.F.  
 ITEM NO: 701-02.02, CONCRETE DRIVEWAY (8"), PER S.F.  
 ITEM NO: 702-03, CONCRETE COMBINED CURB & GUTTER, PER C.Y.
  - (K) WHEN MORE THAN 2 DRIVEWAYS ARE PROPOSED, USE TYPE "A" DRIVEWAY AS SHOWN ON STANDARD DRAWING RP-D-15 TO REDUCE ROLLER COASTER EFFECT FOR PEDESTRIANS.
  - (L) TYPICAL DRIVEWAY WIDTHS ARE 12' (14' TWO WAY) FOR RESIDENTIAL AND 24' (40' MAX.) FOR COMMERCIAL. FOR ADDITIONAL TDOT DRIVEWAY REQUIREMENTS SEE "HSAM VOL3".
  - (M) ALL SIDEWALKS SHALL HAVE A MINIMUM CONCRETE THICKNESS OF 4". THE SIDEWALK TRANSITION THICKNESS IS DEPEND ON THE DRIVEWAY AND THE SIDEWALK THICKNESSES, THE COST OF THE SIDEWALK TRANSITION WILL BE INCLUDED IN THE PAY ITEM NO. OF 701-01.01.
  - (N) MINIMUM 4" MINERAL AGGREGATE BASE MATERIAL ITEM NO. 303-01 SHALL BE INSTALLED UNDER NEW CONCRETE DRIVEWAYS. SITE SPECIFIC PAVEMENT DESIGN MAY BE REQUIRED FOR COMMERCIAL DRIVEWAYS USED AS A DELIVERY ACCESS AS WELL. A DRIVEWAY PAVEMENT DESIGN WITH 6" CONCRETE PAVEMENT AND 4" AGGREGATE DEPTH MAY BE LIMITED TO LIGHT COMMERCIAL VEHICULAR TRAFFIC.

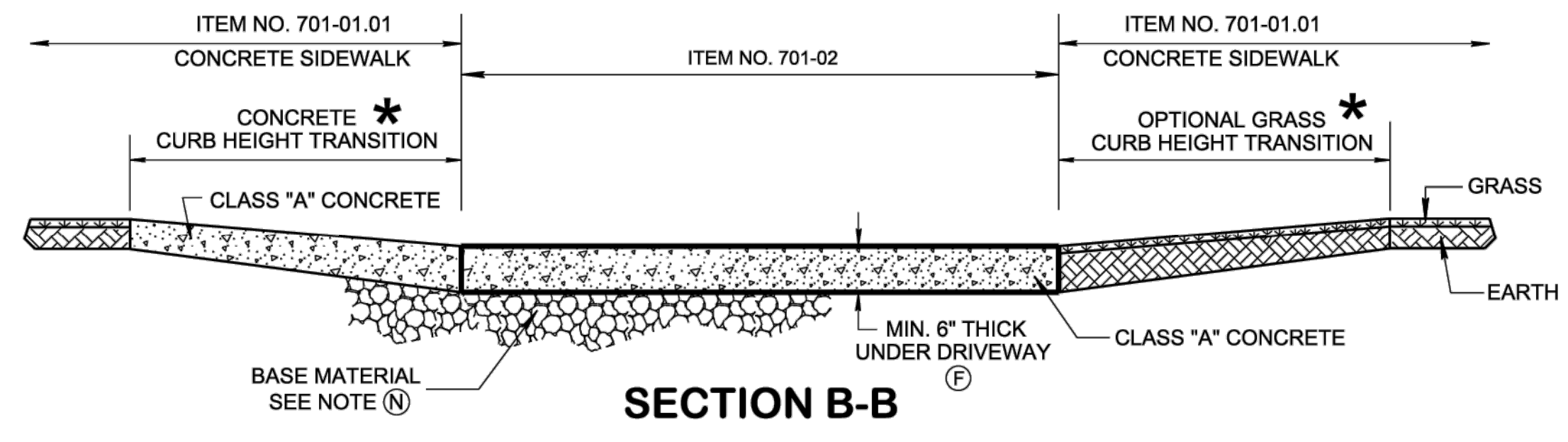
□ APPROVED BY FHWA  
 (ALL OTHERS APPROVED BY TDOT)

STATE OF TENNESSEE  
 STANDARD DRAWING  
 DEPARTMENT OF TRANSPORTATION

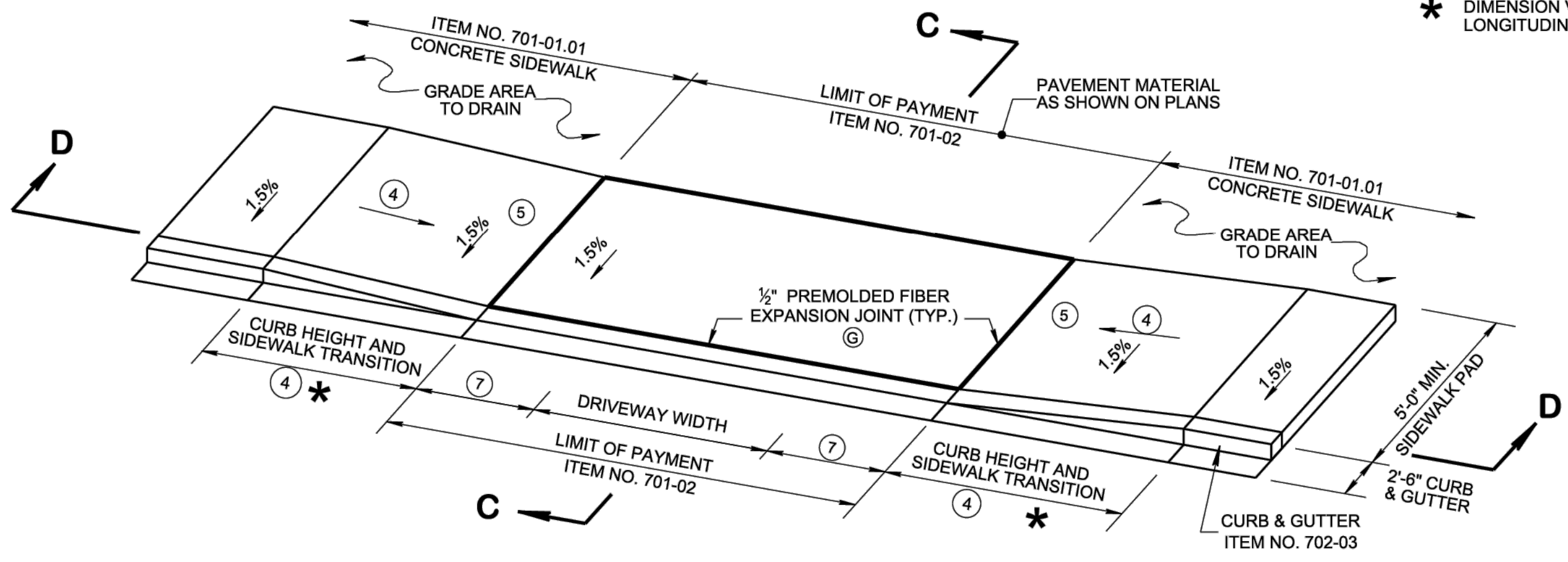
**DETAILS OF LOWERED STANDARD CONCRETE DRIVEWAYS**  
 04-10-2025 RP-D-16



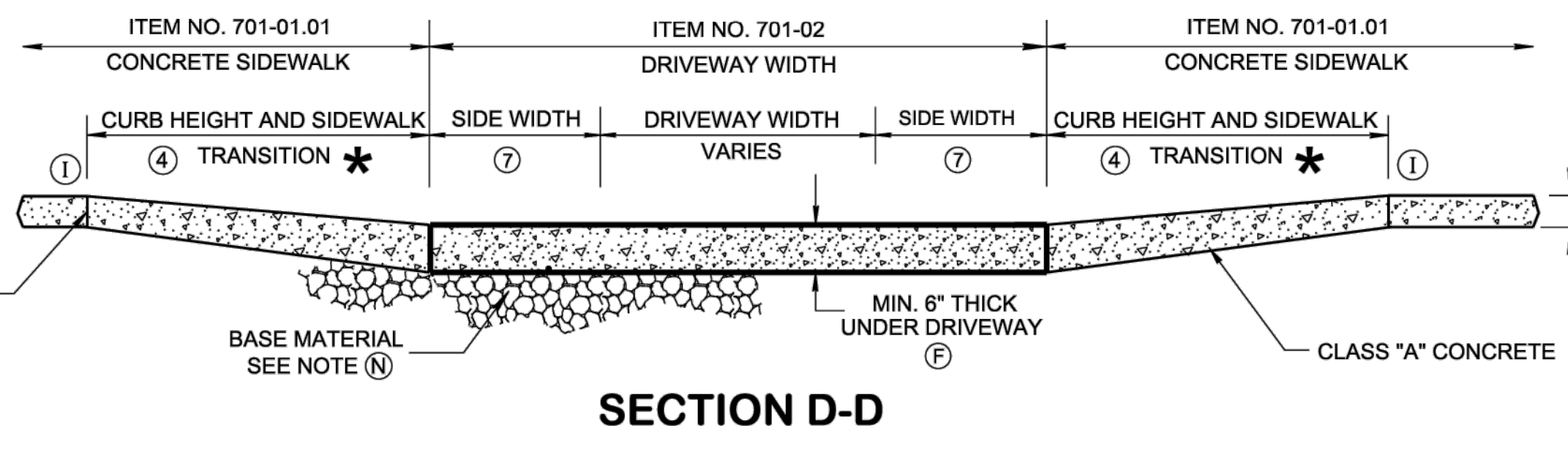
**TYPE "B" DRIVEWAY ACROSS LOWERED SIDEWALK (WITH GRASS STRIP)**



**SECTION B-B**

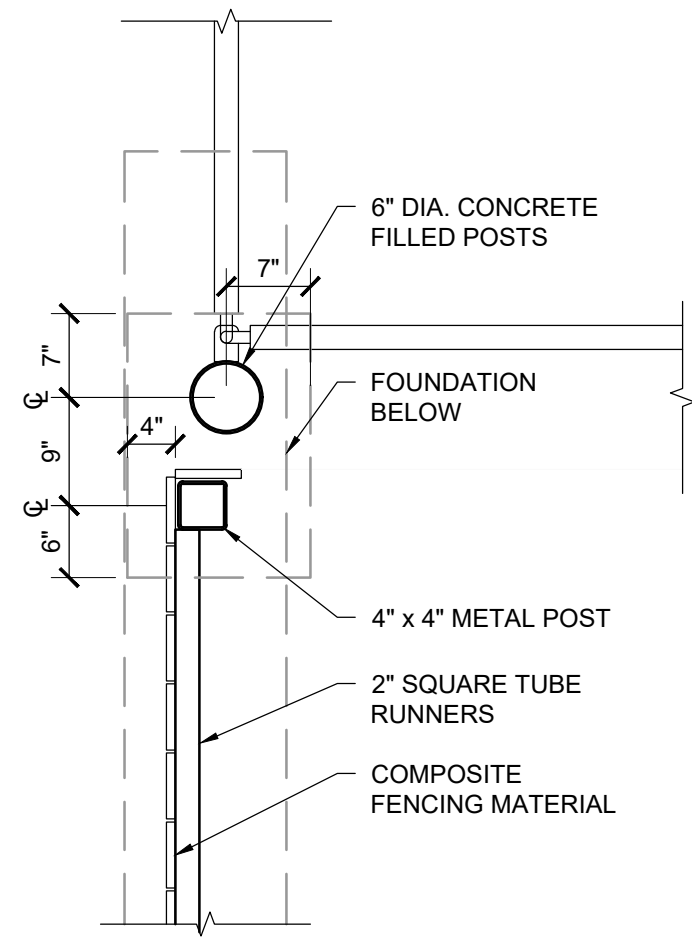


**TYPE "C" DRIVEWAY ACROSS LOWERED SIDEWALK**

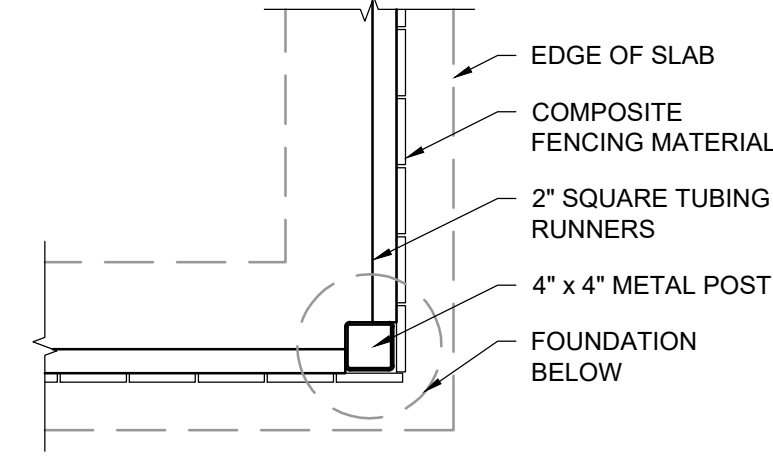


**SECTION D-D**

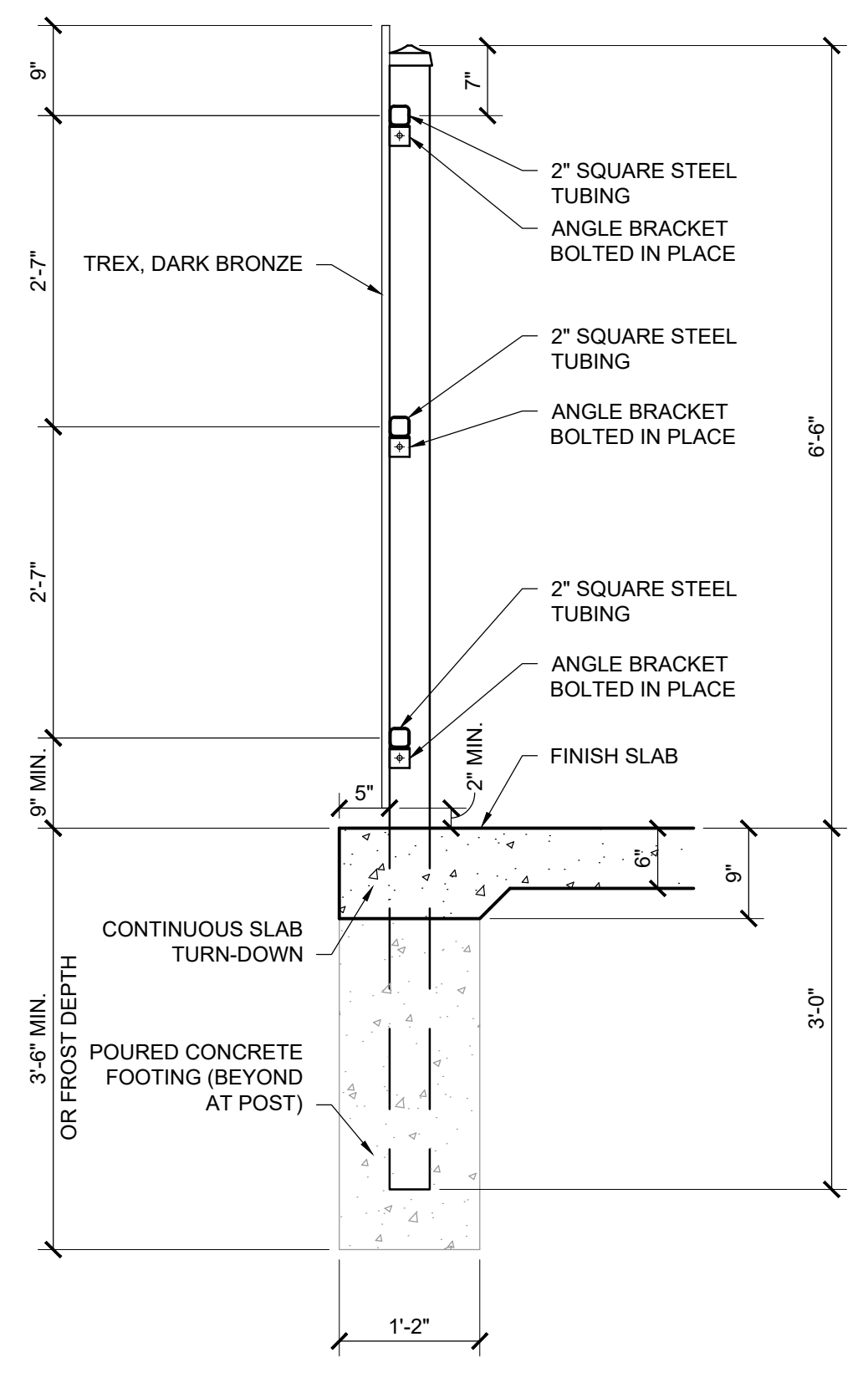
NOT TO SCALE



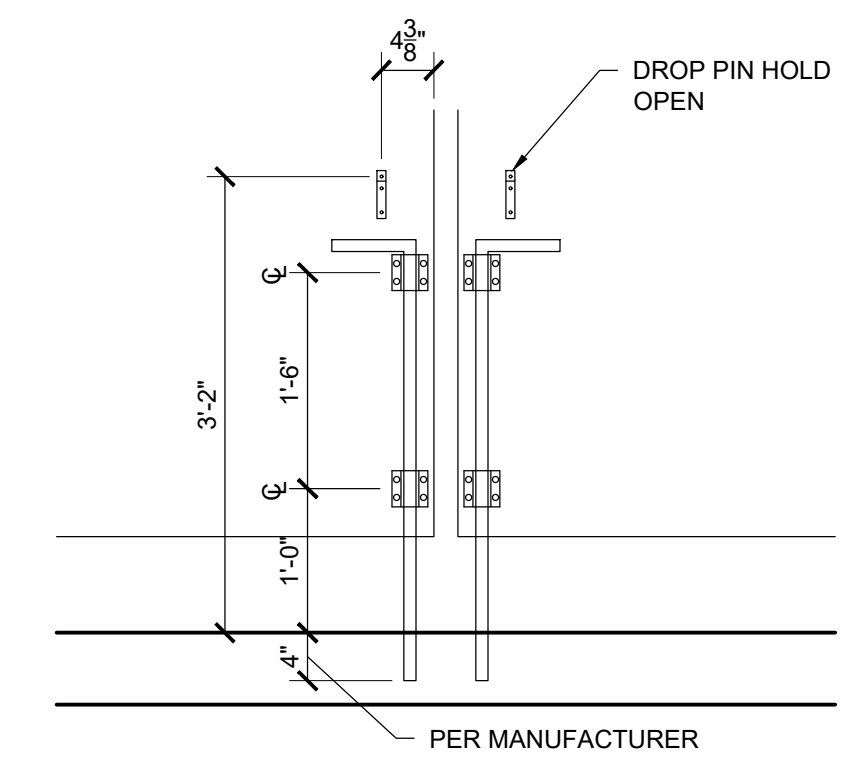
**PLAN DETAIL**  
SCALE: 3/4" = 1'-0"  
8  
C-14



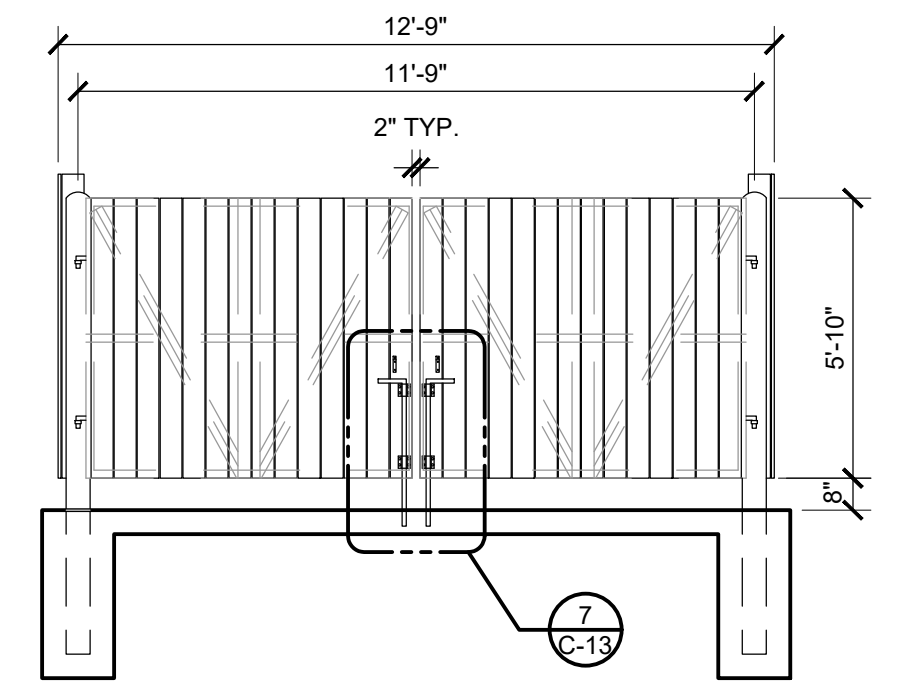
**PLAN DETAIL**  
SCALE: 3/4" = 1'-0"  
9  
C-14



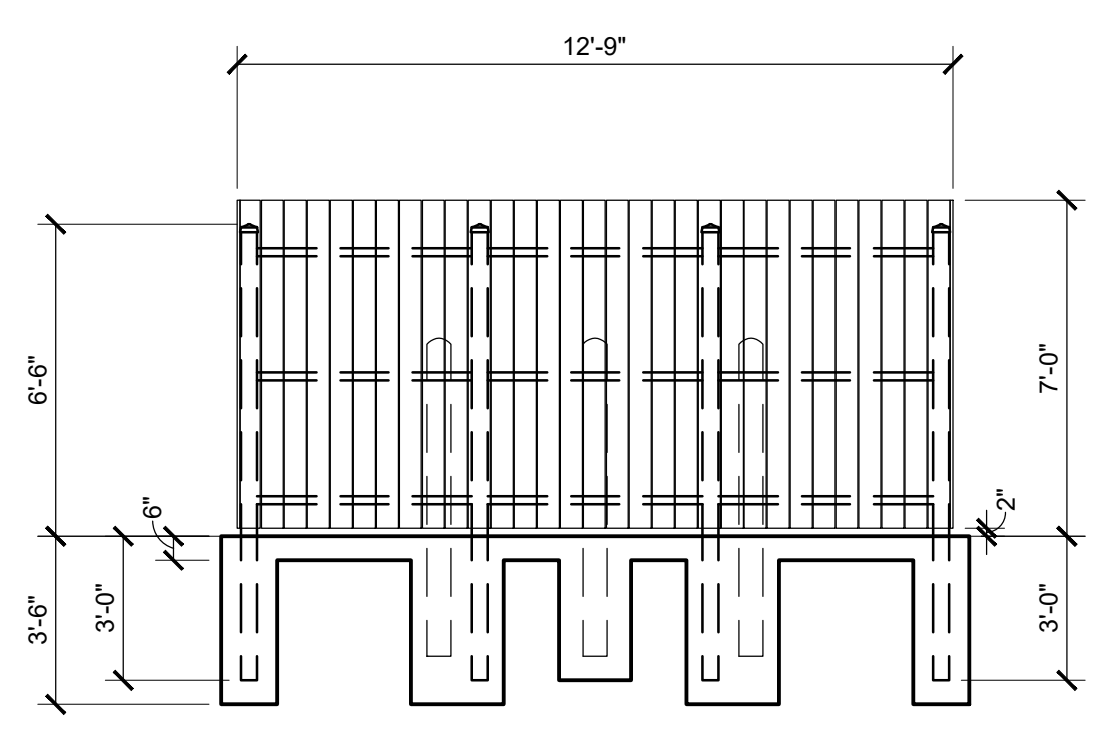
**GATE SECTION**  
SCALE: 3/4" = 1'-0"  
6  
C-14



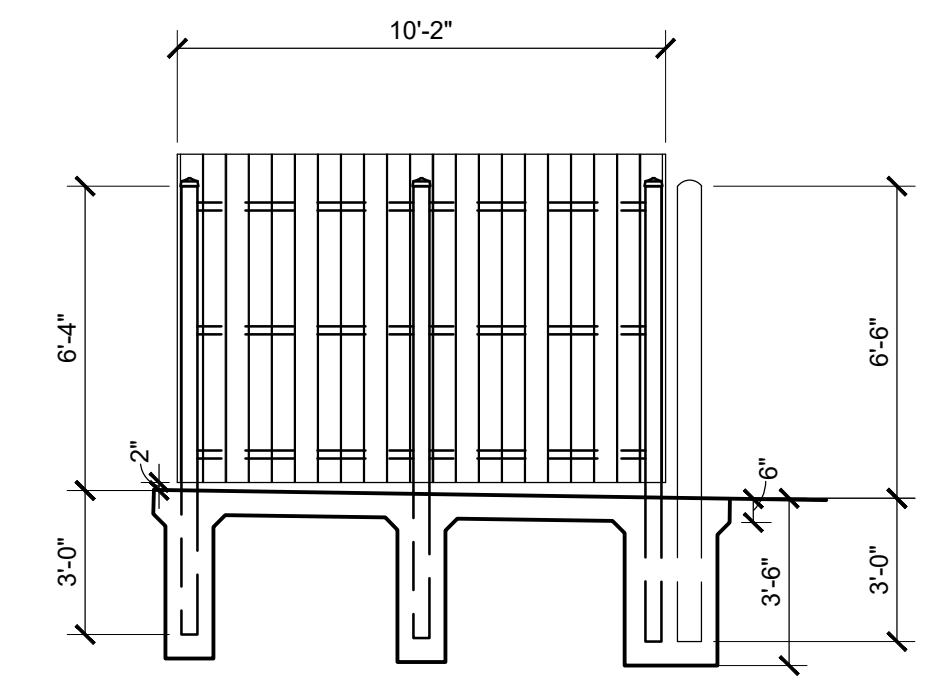
**GATE DETAIL**  
SCALE: 3/4" = 1'-0"  
7  
C-14



**DUMPSTER ENCLOSURE FRONT ELEVATION**  
SCALE: 1/4" = 1'-0"  
3  
C-14

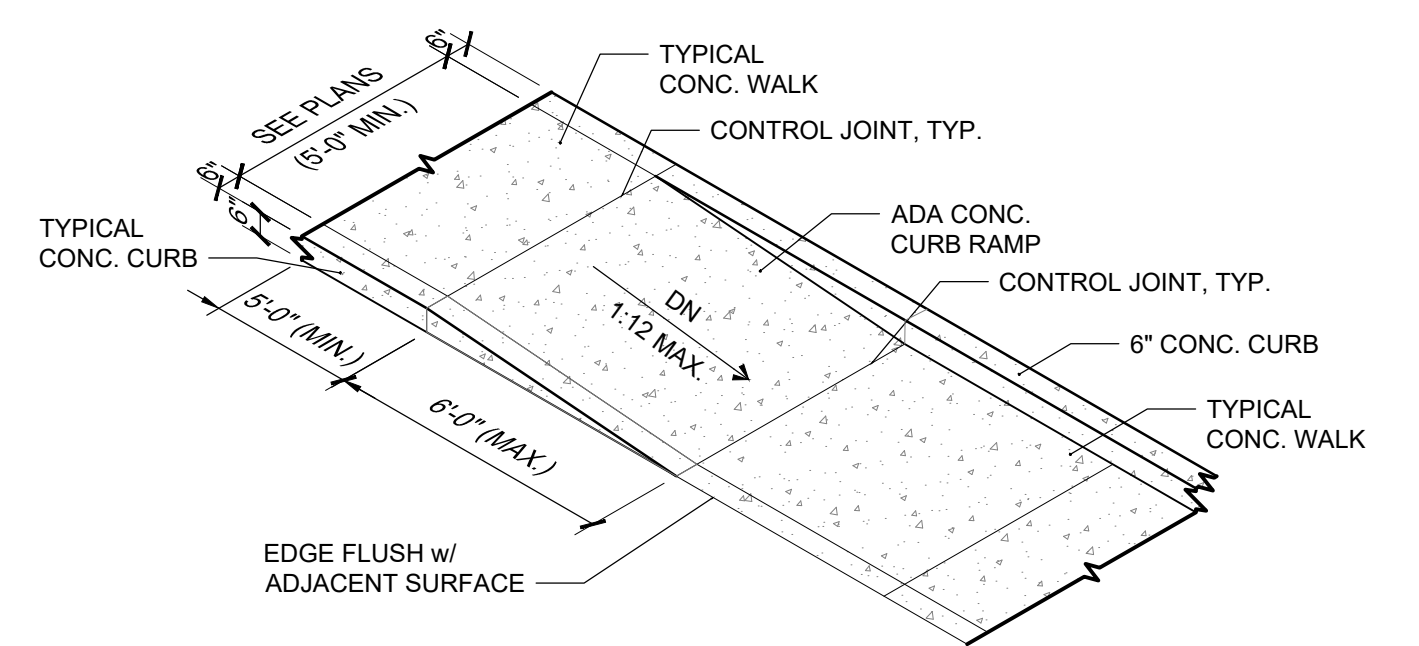


**DUMPSTER ENCLOSURE REAR ELEVATION**  
SCALE: 1/4" = 1'-0"  
4  
C-14

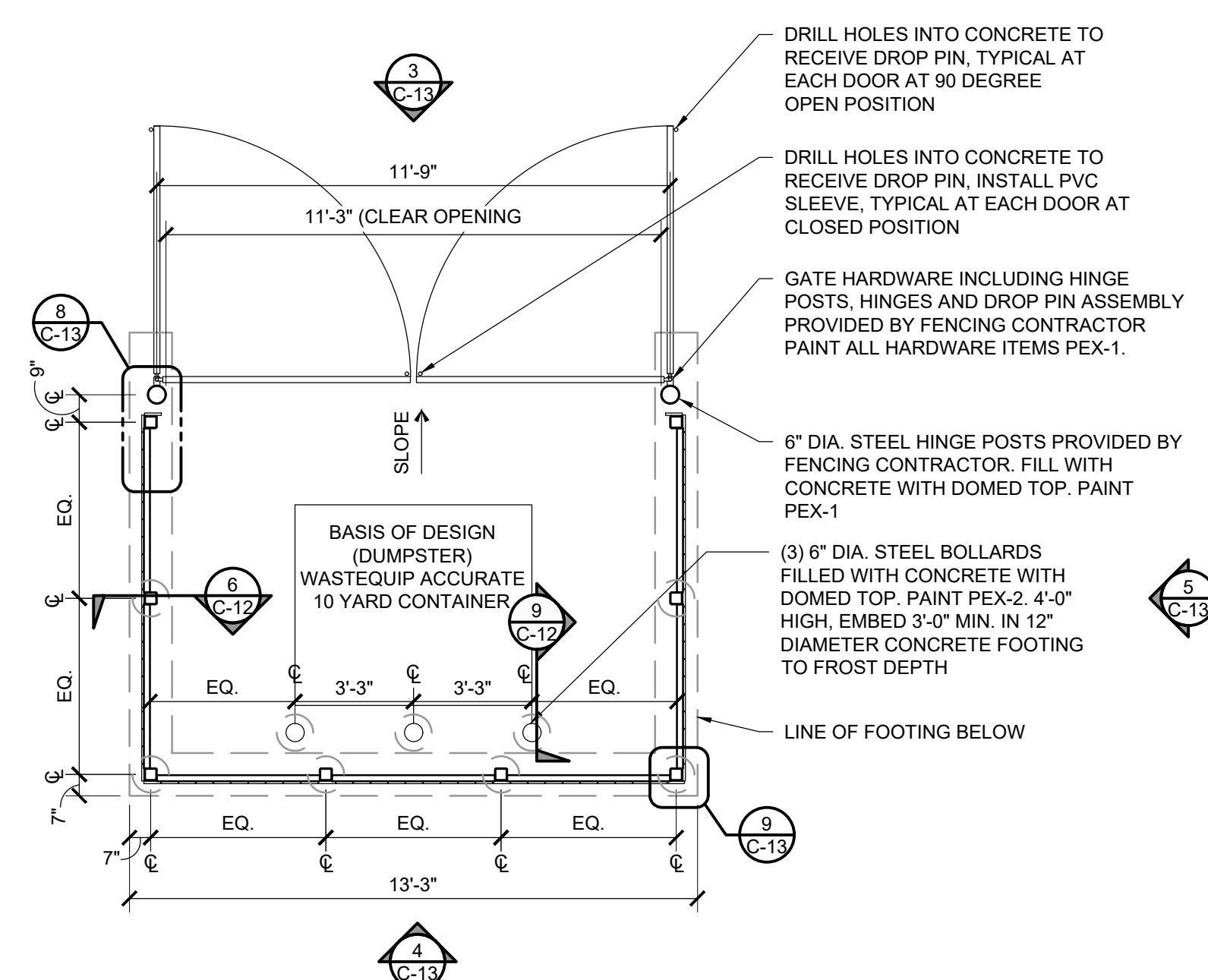


**DUMPSTER ENCLOSURE SIDE ELEVATION**  
SCALE: 1/4" = 1'-0"  
5  
C-14

- NOTES:  
1. CURB RAMP SHALL BE CONSTRUCTED PER ADA STANDARDS.  
2. CURB RAMP SURFACES SHALL BE CONCRETE W/ HEAVY BROOM FINISH.  
3. A 60" LONG LANDING SHALL BE PROVIDED AT THE TOP OF CURB RAMP. THE LANDING SHALL BE LEVEL W/ A 1/4" PER FOOT MAXIMUM CROSS SLOPE FOR DRAINAGE. WIDTH SHALL MATCH RAMP WIDTH.  
4. REFER TO GRADING PLANS FOR ADJACENT SLOPES. ADJOINING GUTTERS AND ROAD SURFACES AT CURB RAMP BASE SHALL NOT BE STEEPER THAN 1:20 EXCEPT FOR ACCESSIBLE PARKING SPACES OR ACCESS AISLES WHICH SHALL HAVE A SLOPE NOT EXCEEDING 1:48. SURFACE TRANSITIONS SHALL BE FLUSH WITH ONE ANOTHER.



**INTERMEDIATE CURB RAMP DETAIL**  
SCALE: 1/4" = 1'-0"  
1  
C-14



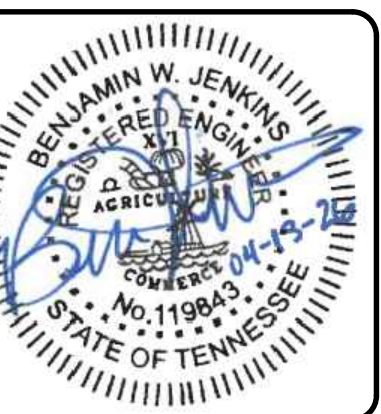
**DUMPSTER ENCLOSURE PLAN**  
SCALE: 1/4" = 1'-0"  
2  
C-14

New Location for:  
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SITE LAYOUT DETAILS

C-14

# LEGEND

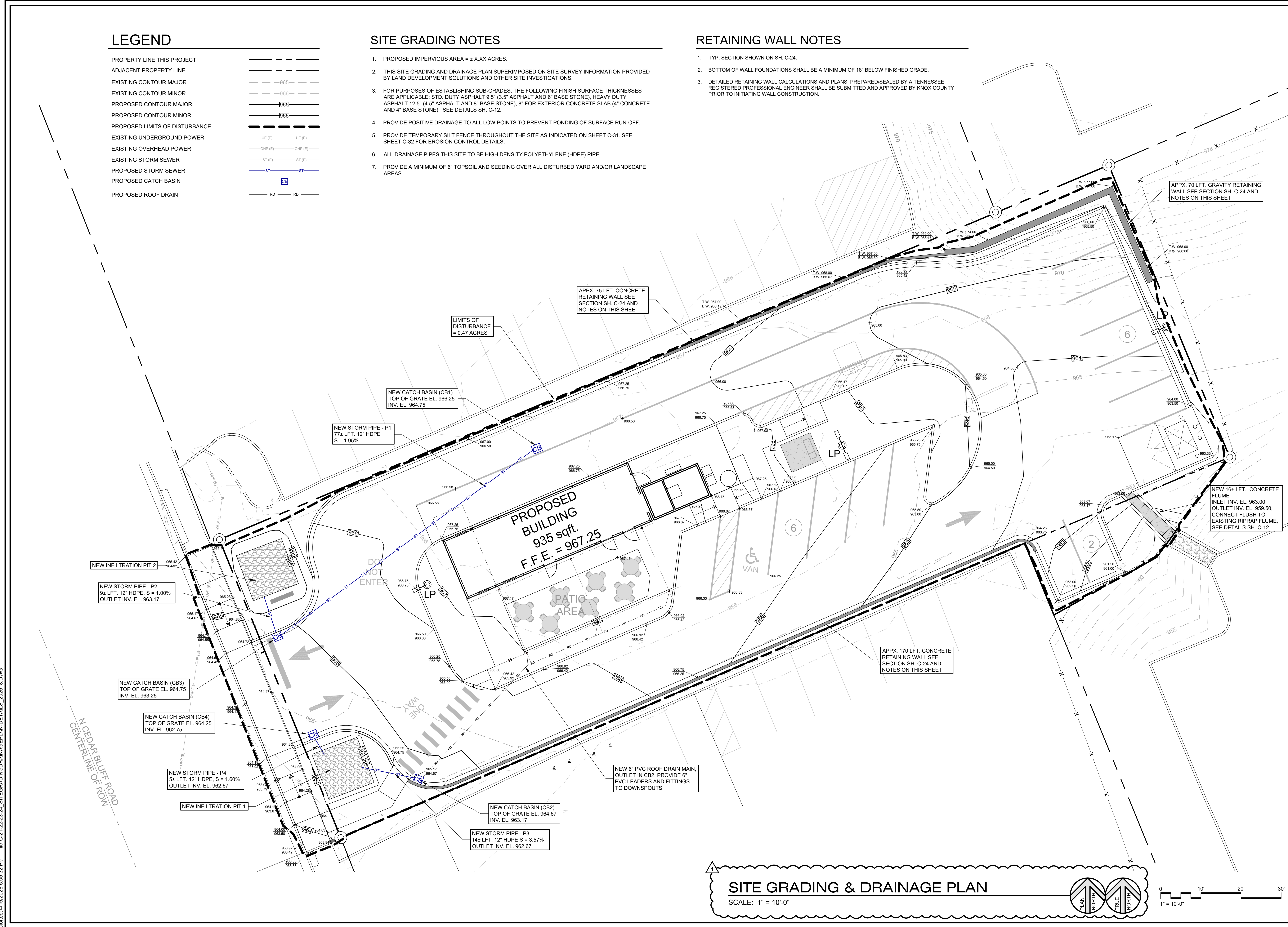
PROPERTY LINE THIS PROJECT	---
ADJACENT PROPERTY LINE	---
EXISTING CONTOUR MAJOR	---965---
EXISTING CONTOUR MINOR	---966---
PROPOSED CONTOUR MAJOR	---965---
PROPOSED CONTOUR MINOR	---966---
PROPOSED LIMITS OF DISTURBANCE	---
EXISTING UNDERGROUND POWER	---UE (E)---
EXISTING OVERHEAD POWER	---OHP (E)---
EXISTING STORM SEWER	---ST (E)---
PROPOSED STORM SEWER	---ST---
PROPOSED CATCH BASIN	CB
PROPOSED ROOF DRAIN	RD

# SITE GRADING NOTES

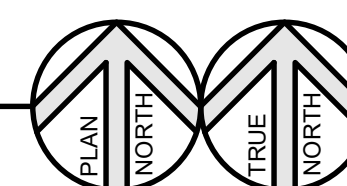
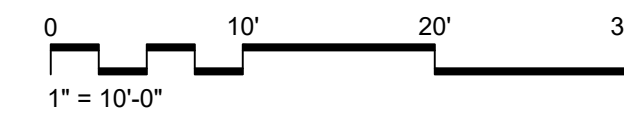
- PROPOSED IMPERVIOUS AREA = ± X.XX ACRES.
- THIS SITE GRADING AND DRAINAGE PLAN SUPERIMPOSED ON SITE SURVEY INFORMATION PROVIDED BY LAND DEVELOPMENT SOLUTIONS AND OTHER SITE INVESTIGATIONS.
- FOR PURPOSES OF ESTABLISHING SUB-GRADES, THE FOLLOWING FINISH SURFACE THICKNESSES ARE APPLICABLE: STD. DUTY ASPHALT 9.5" (3.5" ASPHALT AND 6" BASE STONE), HEAVY DUTY ASPHALT 12.5" (4.5" ASPHALT AND 8" BASE STONE), 8" FOR EXTERIOR CONCRETE SLAB (4" CONCRETE AND 4" BASE STONE). SEE DETAILS SH. C-12.
- PROVIDE POSITIVE DRAINAGE TO ALL LOW POINTS TO PREVENT PONDING OF SURFACE RUN-OFF.
- PROVIDE TEMPORARY SILT FENCE THROUGHOUT THE SITE AS INDICATED ON SHEET C-31. SEE SHEET C-32 FOR EROSION CONTROL DETAILS.
- ALL DRAINAGE PIPES THIS SITE TO BE HIGH DENSITY POLYETHYLENE (HDPE) PIPE.
- PROVIDE A MINIMUM OF 6" TOPSOIL AND SEEDING OVER ALL DISTURBED YARD AND/OR LANDSCAPE AREAS.

# RETAINING WALL NOTES

- TYP. SECTION SHOWN ON SH. C-24.
- BOTTOM OF WALL FOUNDATIONS SHALL BE A MINIMUM OF 18" BELOW FINISHED GRADE.
- DETAILED RETAINING WALL CALCULATIONS AND PLANS PREPARED/SEALED BY A TENNESSEE REGISTERED PROFESSIONAL ENGINEER SHALL BE SUBMITTED AND APPROVED BY KNOX COUNTY PRIOR TO INITIATING WALL CONSTRUCTION.



**SITE GRADING & DRAINAGE PLAN**  
SCALE: 1" = 10'-0"

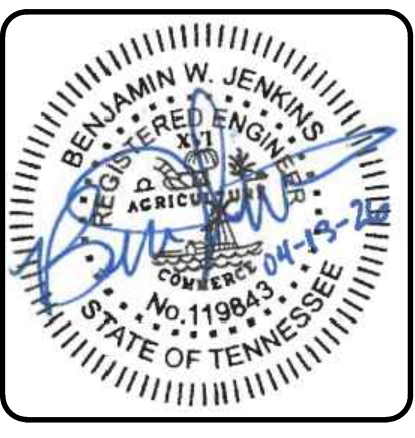



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SITE GRADING & DRAINAGE PLAN

**C-21**

printed: 4/16/2026 5:05:32 PM file: C-21-22-23-24 SITE GRADING AND DRAINAGE PLAN DETAILS 202618.DWG

**LEGEND**

- PROPERTY LINE THIS PROJECT
- ADJACENT PROPERTY LINE
- EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR
- TO BE DEMOLISHED
- EXISTING DRAINAGE DIVIDE
- EXISTING TIME OF CONCENTRATION FLOW PATH
- DIRECTION OF EXISTING SURFACE FLOW



PRE-DEVELOPMENT WATERSHED  
HYDROCAD SUBCATCHMENT 2S  
AREA = 0.07 AC., CN = 96  
Tc = 1.0 MIN.

SUBWATERSHED 2S TIME  
OF CONCENTRATION, Tc  
FLOW PATH

PRE-DEVELOPMENT WATERSHED  
HYDROCAD SUBCATCHMENT 1S  
AREA = 0.10 AC., CN = 95  
Tc = 1.3 MIN.

SUBWATERSHED 1S TIME  
OF CONCENTRATION, Tc  
FLOW PATH

PRE-DEVELOPMENT WATERSHED  
HYDROCAD SUBCATCHMENT 3S  
AREA = 0.04 AC., CN = 96  
Tc = 0.4 MIN.

SUBWATERSHED 3S TIME  
OF CONCENTRATION, Tc  
FLOW PATH

PRE-DEVELOPMENT WATERSHED  
HYDROCAD SUBCATCHMENT 4S  
AREA = 0.24 AC., CN = 91  
Tc = 1.0 MIN.

SUBWATERSHED 4S TIME  
OF CONCENTRATION, Tc  
FLOW PATH

FFE 966.76

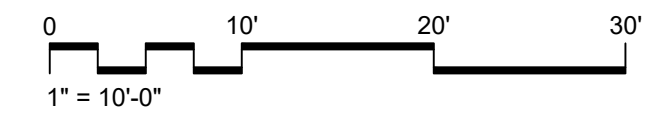
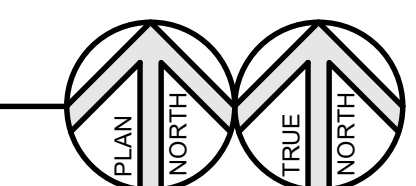
84.9'

14.9'

N CEDAR BLUFF ROAD  
CENTERLINE OF ROW

**PRE-DEVELOPMENT DRAINAGE PATH**

SCALE: 1" = 10'-0"



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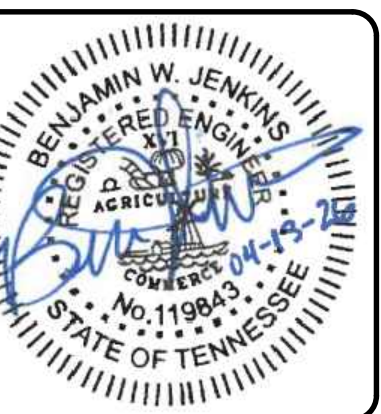
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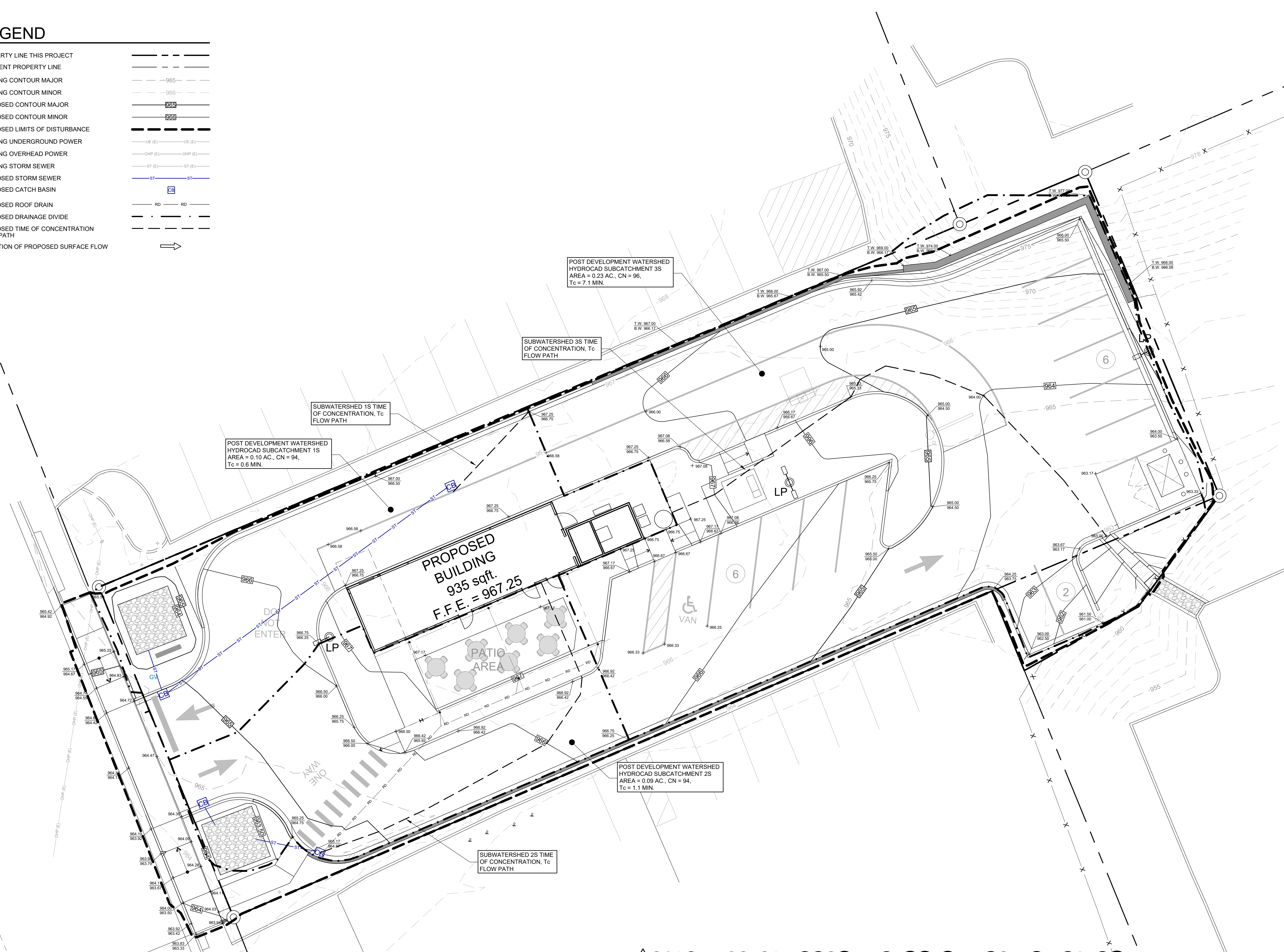
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drawn BWJ  
project no. 202618

PRE-DEVELOPMENT  
DRAINAGE PATH

**C-22**

**LEGEND**

PROPERTY LINE THIS PROJECT	---
ADJACENT PROPERTY LINE	---
EXISTING CONTOUR MAJOR	- - - - 965
EXISTING CONTOUR MINOR	- - - - 966
PROPOSED CONTOUR MAJOR	▬▬▬ 965
PROPOSED CONTOUR MINOR	▬▬▬ 966
PROPOSED LIMITS OF DISTURBANCE	▬▬▬▬▬
EXISTING UNDERGROUND POWER	— UE (E) — UE (E)
EXISTING OVERHEAD POWER	— OHP (E) — OHP (E)
EXISTING STORM SEWER	— ST (E) — ST (E)
PROPOSED STORM SEWER	— ST — ST
PROPOSED CATCH BASIN	CB
PROPOSED ROOF DRAIN	— RD — RD
PROPOSED DRAINAGE DIVIDE	---
PROPOSED TIME OF CONCENTRATION FLOW PATH	---
DIRECTION OF PROPOSED SURFACE FLOW	➔



POST DEVELOPMENT WATERSHED HYDROCAD SUBCATCHMENT 3S  
AREA = 0.23 AC., CN = 96,  
Tc = 7.1 MIN.

SUBWATERSHED 3S TIME OF CONCENTRATION, Tc FLOW PATH

SUBWATERSHED 1S TIME OF CONCENTRATION, Tc FLOW PATH

POST DEVELOPMENT WATERSHED HYDROCAD SUBCATCHMENT 1S  
AREA = 0.10 AC., CN = 94,  
Tc = 0.6 MIN.

PROPOSED BUILDING  
935 sqft.  
F.F.E. = 967.25

POST DEVELOPMENT WATERSHED HYDROCAD SUBCATCHMENT 2S  
AREA = 0.09 AC., CN = 94,  
Tc = 1.1 MIN.

SUBWATERSHED 2S TIME OF CONCENTRATION, Tc FLOW PATH

**POST-DEVELOPMENT DRAINAGE PATH**  
SCALE: 1" = 10'-0"

printed: 4/16/2026 5:06:10 PM file: C-21-22-23-24 SITE GRADING DRAINAGE PLAN DETAILS\_202618.DWG



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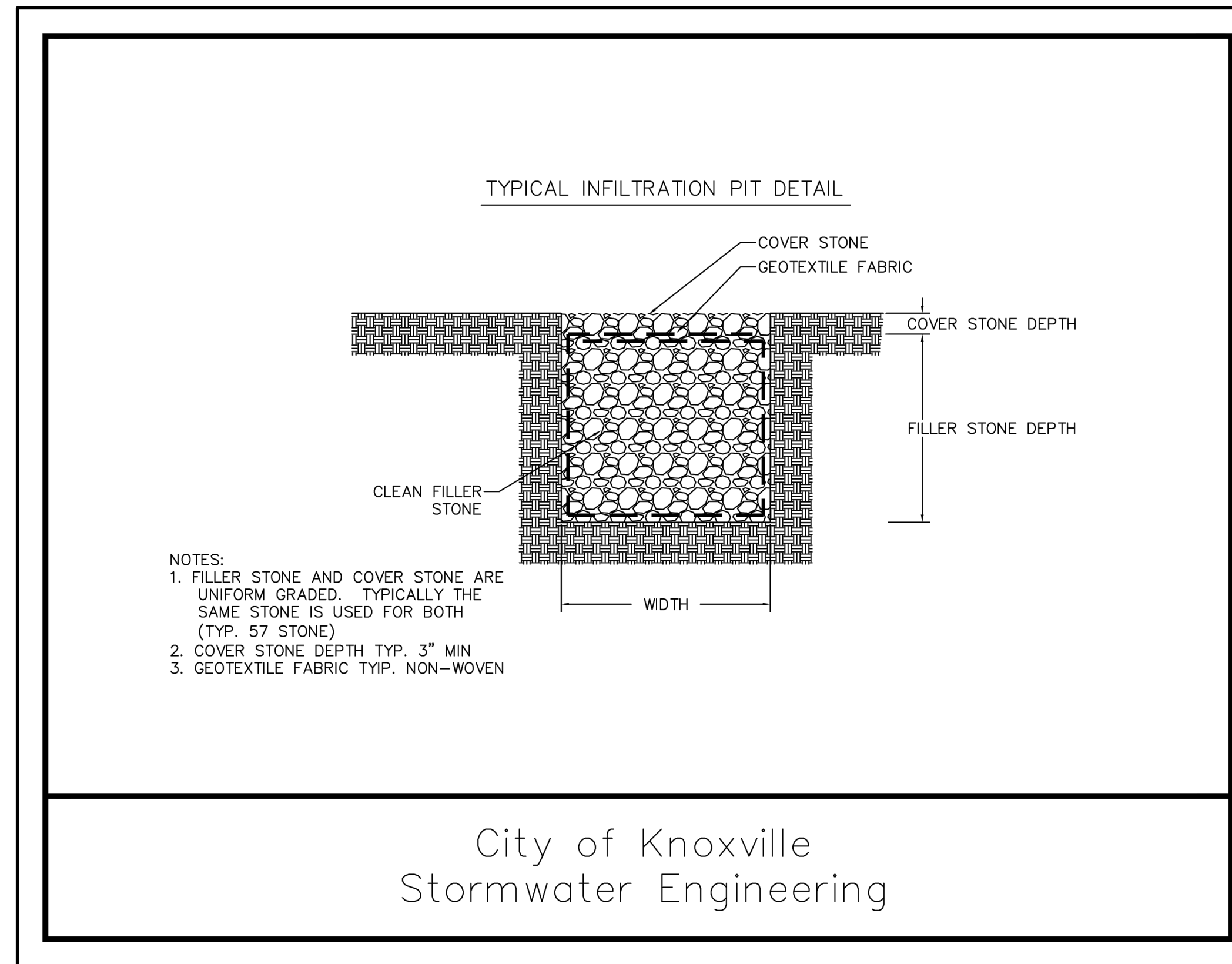
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1	04-17-26		ADDRESS PLANNING COMMENTS



issued	04-13-2026
checked	JG, BWJ
drawn	BWJ
project no.	202618

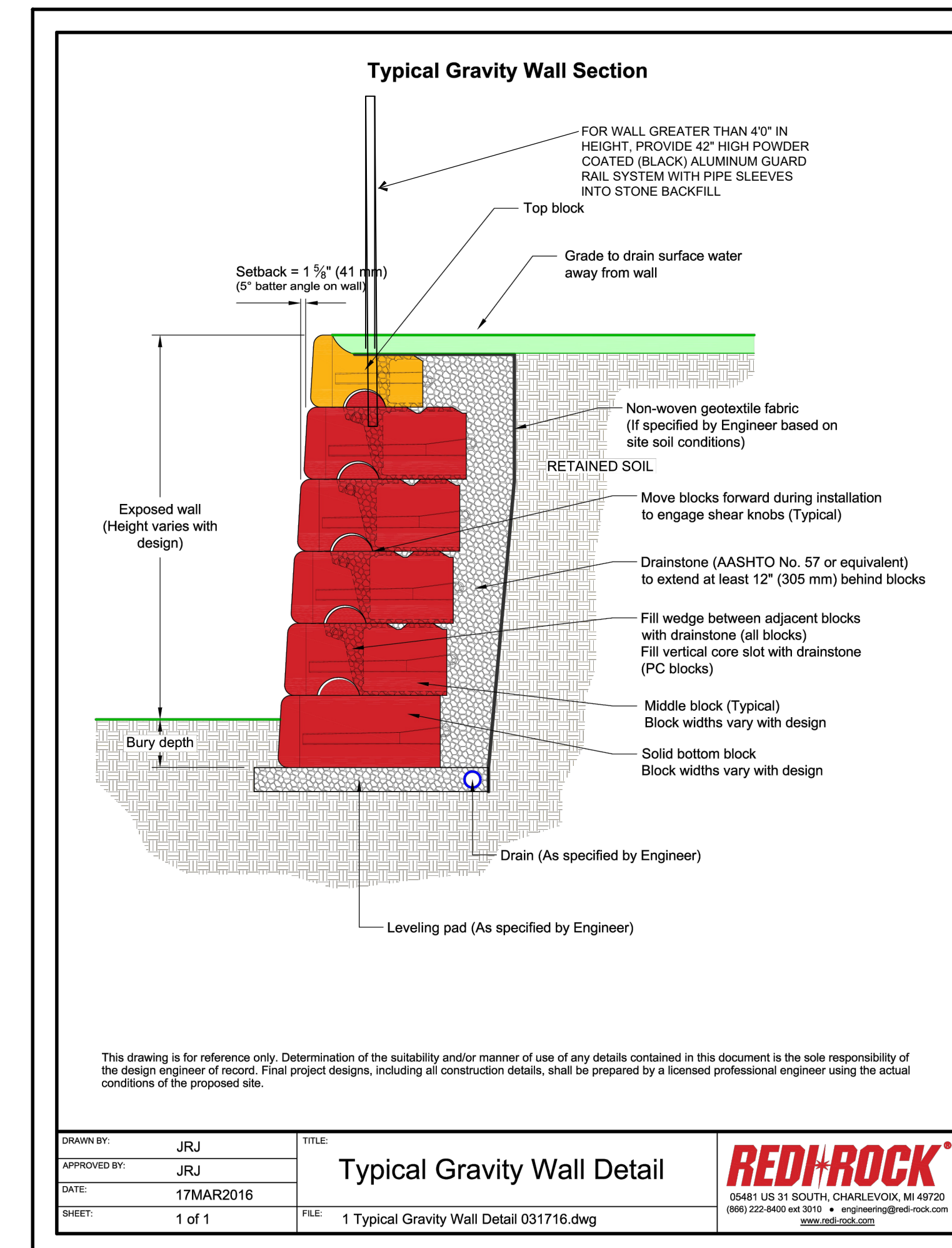
POST-DEVELOPMENT DRAINAGE PATH

**C-23**



**INFILTRATION PIT DETAIL**

SCALE: N.T.S.



**smalls**  
sliders

New Location for:  
**Smalls Sliders**  
 330 N. Cedar Bluff Road  
 Knoxville, TN

**Cain Rash West**  
Architects

130 Regional Park Dr.  
 Kingsport, TN 37660  
 Phn (423) 349-7760  
 Fax (423) 349-7413  
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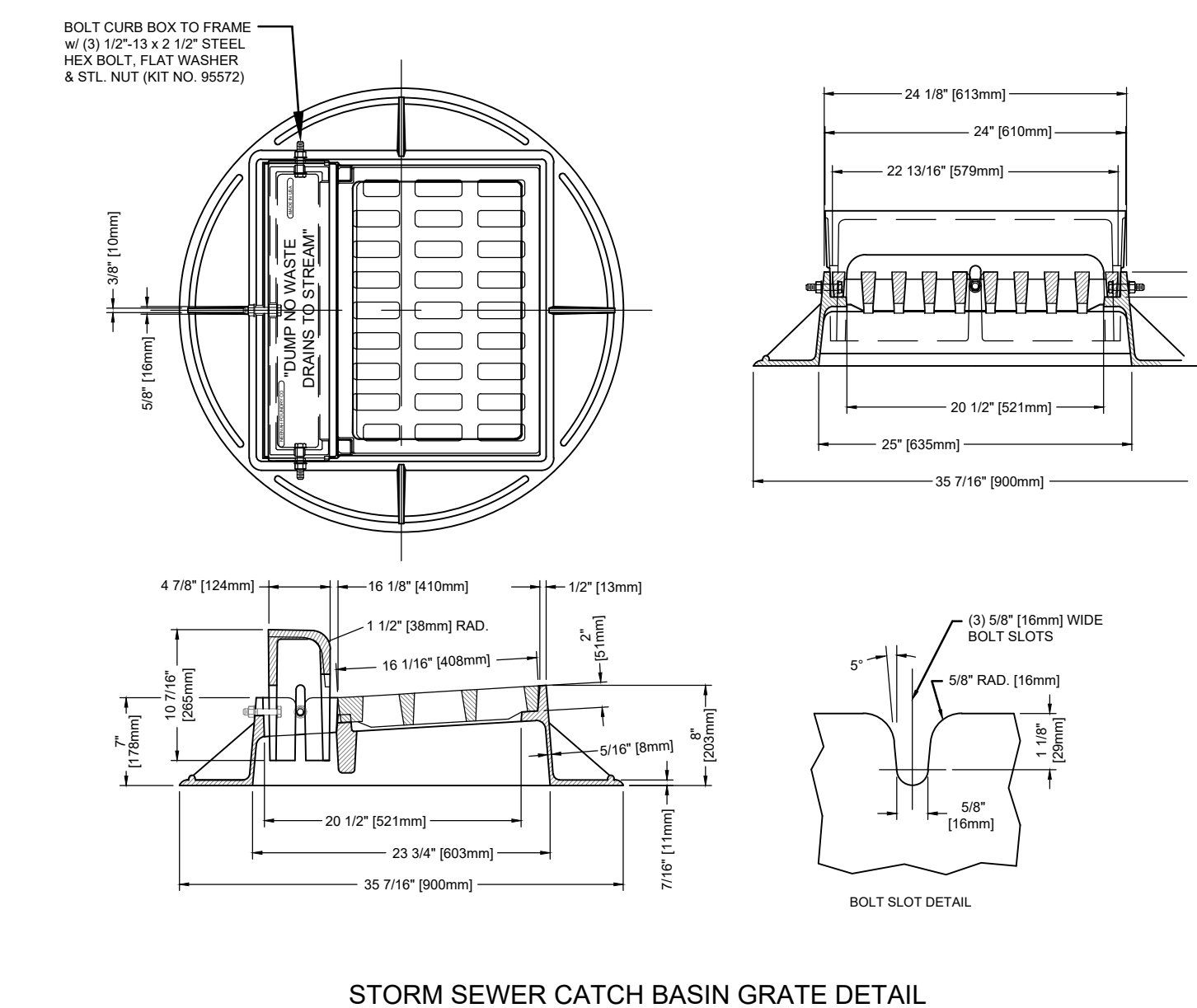
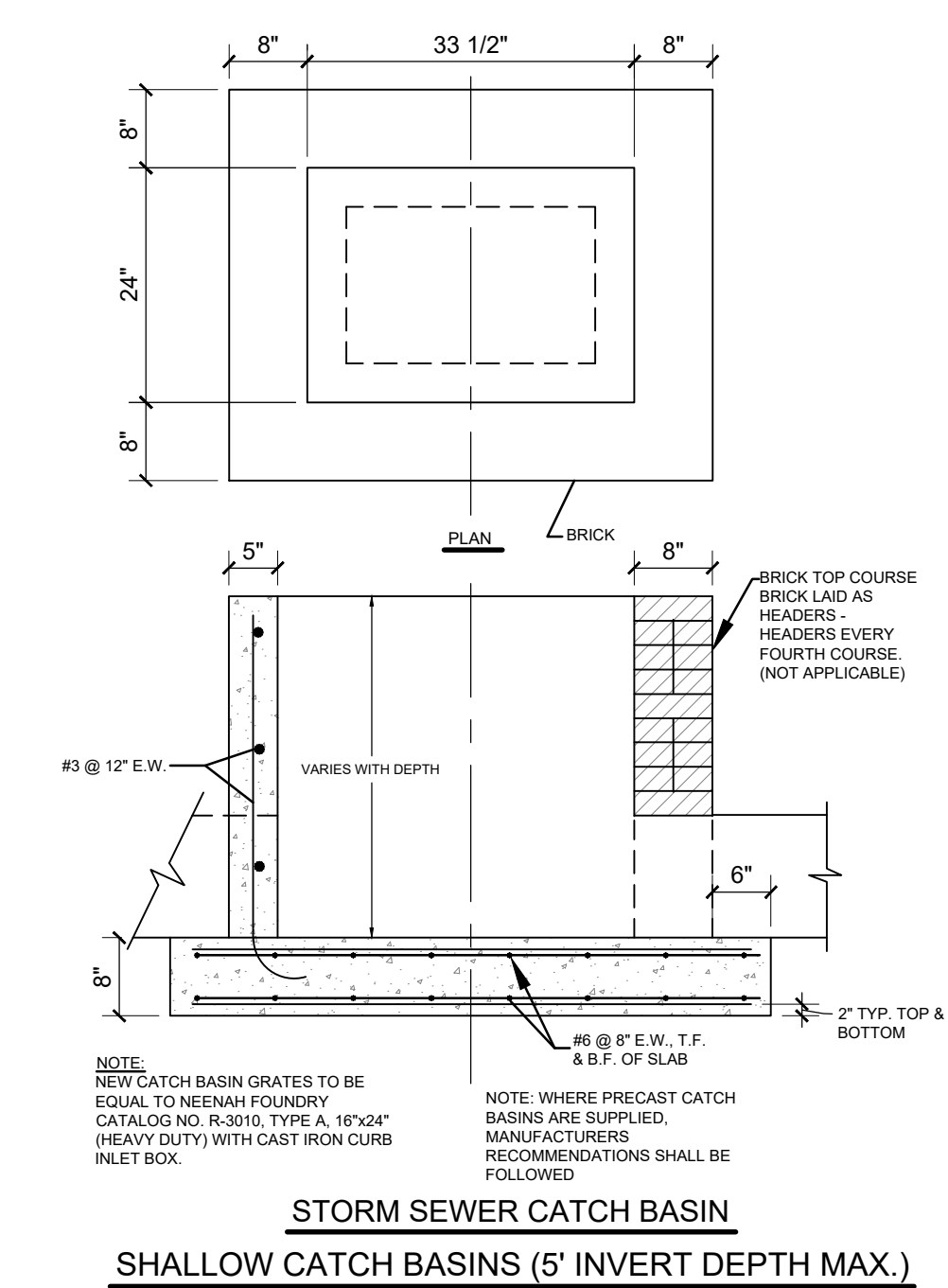
no.	date	rev. description



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 checked JG, BWJ  
 drawn BWJ  
 project no. 202618

GRADING & DRAINAGE DETAILS

**C-24**



**CATCH BASIN DETAILS**

SCALE: N.T.S.

### LEGEND

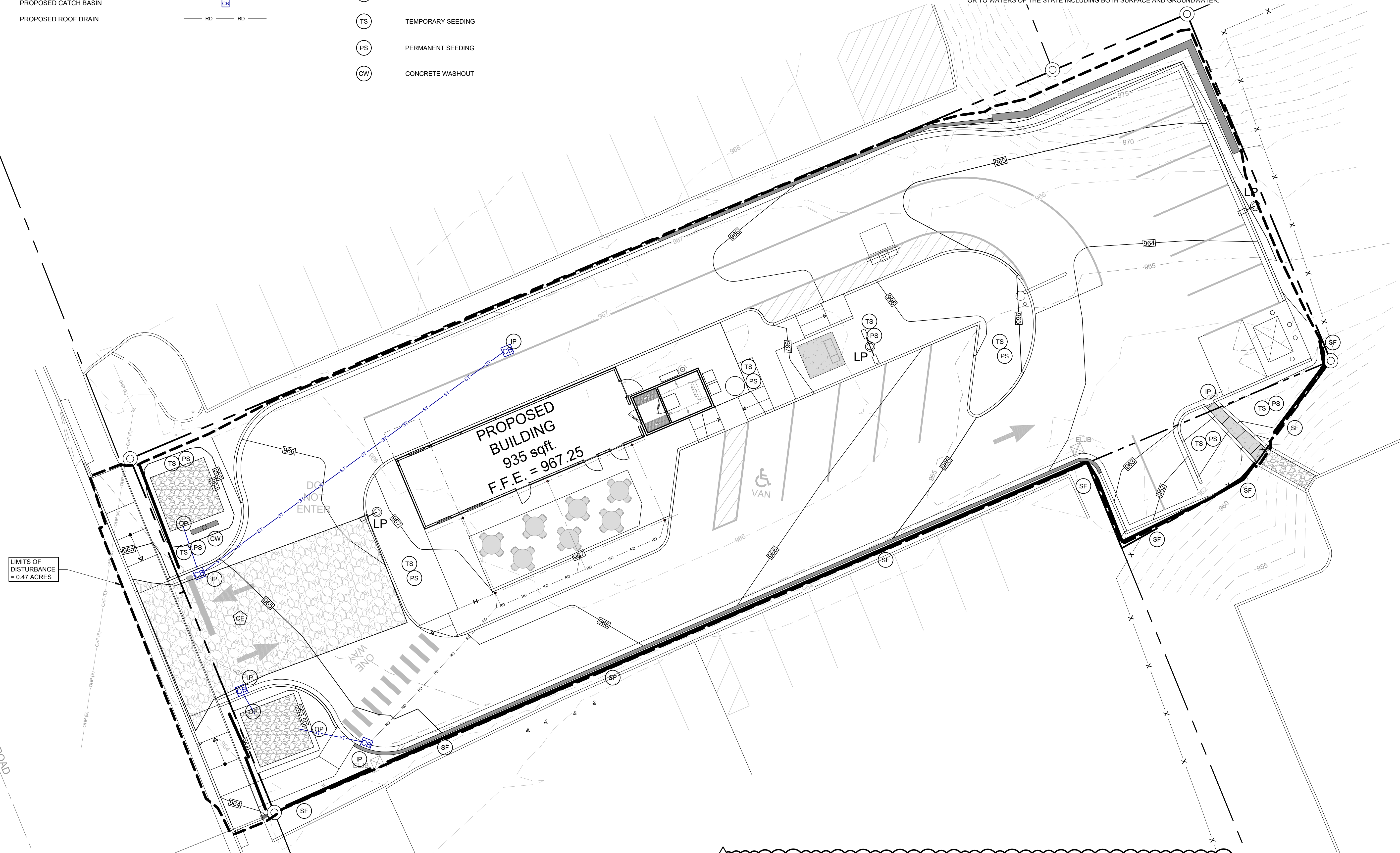
PROPERTY LINE THIS PROJECT	---
ADJACENT PROPERTY LINE	---
EXISTING CONTOUR MAJOR	---965---
EXISTING CONTOUR MINOR	---964---
PROPOSED CONTOUR MAJOR	---963---
PROPOSED CONTOUR MINOR	---962---
EXISTING UNDERGROUND COMMUNICATION	---UC (E)--- UC (E)
EXISTING OVERHEAD POWER	---OHP (E)--- OHP (E)
EXISTING STORM SEWER	---ST (E)--- ST (E)
PROPOSED STORM SEWER	---ST---
PROPOSED CATCH BASIN	CB
PROPOSED ROOF DRAIN	---RD--- RD

### EROSION CONTROL LEGEND

---	LIMITS OF DISTURBANCE
→	DIRECTION OF SURFACE RUNOFF
CE	CONSTRUCTION ENTRANCE/EXIT
SF	SILT FENCE
IP	INLET PROTECTION
OP	OUTLET PROTECTION
TS	TEMPORARY SEEDING
PS	PERMANENT SEEDING
CW	CONCRETE WASHOUT

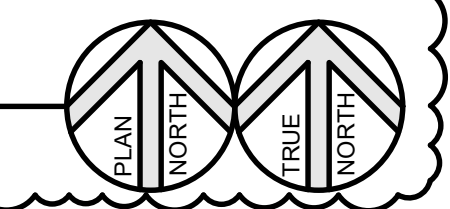
### SMALL LOT EROSION CONTROL PLAN

- PROPERTY ADDRESS:  
330 NORTH CEDAR BLUFF ROAD  
KNOXVILLE, TN 37923
- PROPERTY OWNER:  
MIGHTY FINANCIAL, LLC  
2229 LOVELL ROAD  
KNOXVILLE, TN 37932
- APPROPRIATE PERMITS TO BE OBTAINED AFTER PRE-CONSTRUCTION MEETING IS HELD.
- TEN MILE CREEK IS APPX. 0.80 MILE TO THE EAST OF THE PROPERTY.
- EROSION PREVENTION & SEDIMENT CONTROLS FOR THIS SITE INCLUDE:
  - A CONSTRUCTION EXIT.
  - INLET AND OUTLET PROTECTION AS NEW STORM PIPING IS INSTALLED.
  - STRAW / SEEDING AROUND PERIMETER NEW PARKING AREA AND OTHER DISTURBED AREAS.
- LIMITS OF DISTURBANCE = 0.46 ACRES.
- SILT FENCE IS PROPOSED AS SHOWN ON THIS SHEET AND IS TO BE ADJUSTED AS GRADING / SITE DEVELOPMENT PROGRESSES.
- THE CONSTRUCTION EXIT IS PROPOSED AT THE NEW ENTRANCE ONTO N. CEDAR BLUFF ROAD.
- ROOF DRAINAGE WILL BE COLLECTED INTO ROOF DRAIN LEADERS AND MAINS, THEN DISCHARGE INTO THE NEW STORMWATER CATCH BASINS.
- READY-MIX CONCRETE TRUCKS SHALL WASH OUT THEIR EQUIPMENT IN A DESIGNATED WASH PIT NEAR THE CONSTRUCTION EXIT. THIS WASH PIT IS TO TRAP THE CONCRETE AND ITS WASH. THE CONTRACTOR SHALL MAINTAIN THIS PIT(S) AS NECESSARY TO ALWAYS HAVE AT LEAST 50% VOLUME. ANY MATERIAL REMOVED FROM THE WASH PIT SHALL BE USED FOR FILL MATERIAL ON-SITE OR DISPOSED OF IN ACCORDANCE WITH ALL STATE AND FEDERAL REGULATIONS. WASH FROM THE CONCRETE TRUCKS AND ANY OVERFLOW FROM THE WASH PIT SHALL NOT BE ALLOWED TO DISCHARGE TO A SEDIMENT BASIN, TRAP, POND, STORM DRAIN, DITCH, STREAM, OTHER STORMWATER CONVEYANCE, OR TO WATERS OF THE STATE INCLUDING BOTH SURFACE AND GROUNDWATER.



### EROSION CONTROL PLAN

SCALE: 1" = 10'-0"



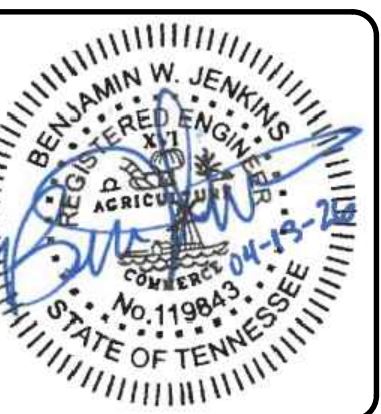
New Location for:  
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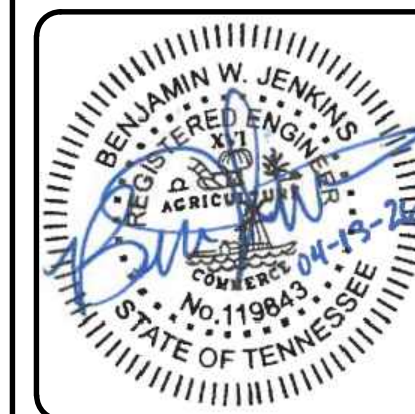


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checked	JG, BWJ
drawn	BWJ
project no.	202618

EROSION CONTROL PLAN

C-31

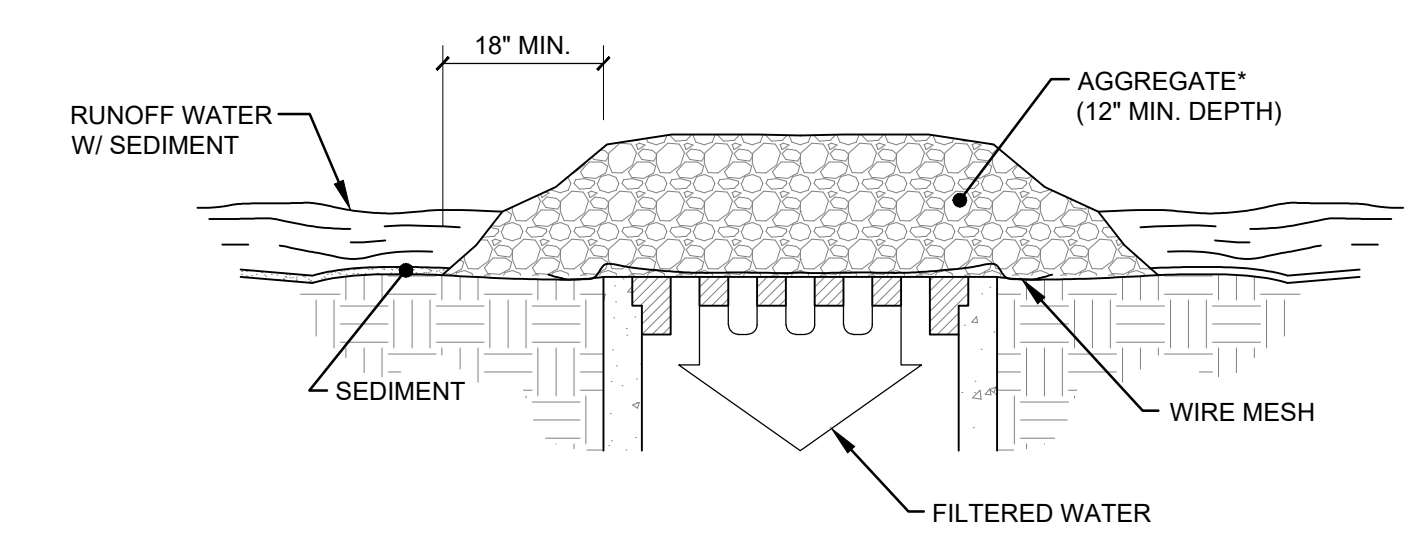
no.	date	rev. description



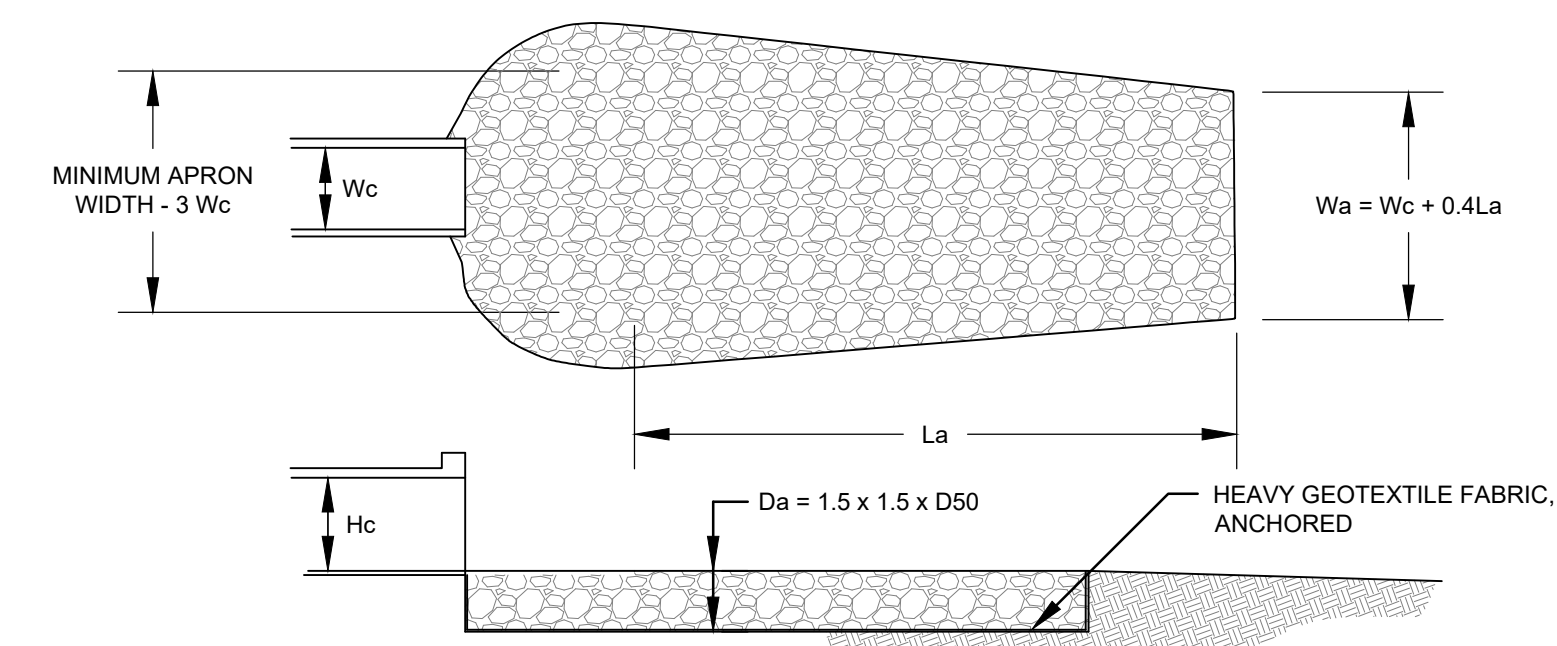
issued	04-13-2026
checked	JG, BWJ
drawn	BWJ
project no.	202618

EROSION CONTROL DETAILS

**C-32**



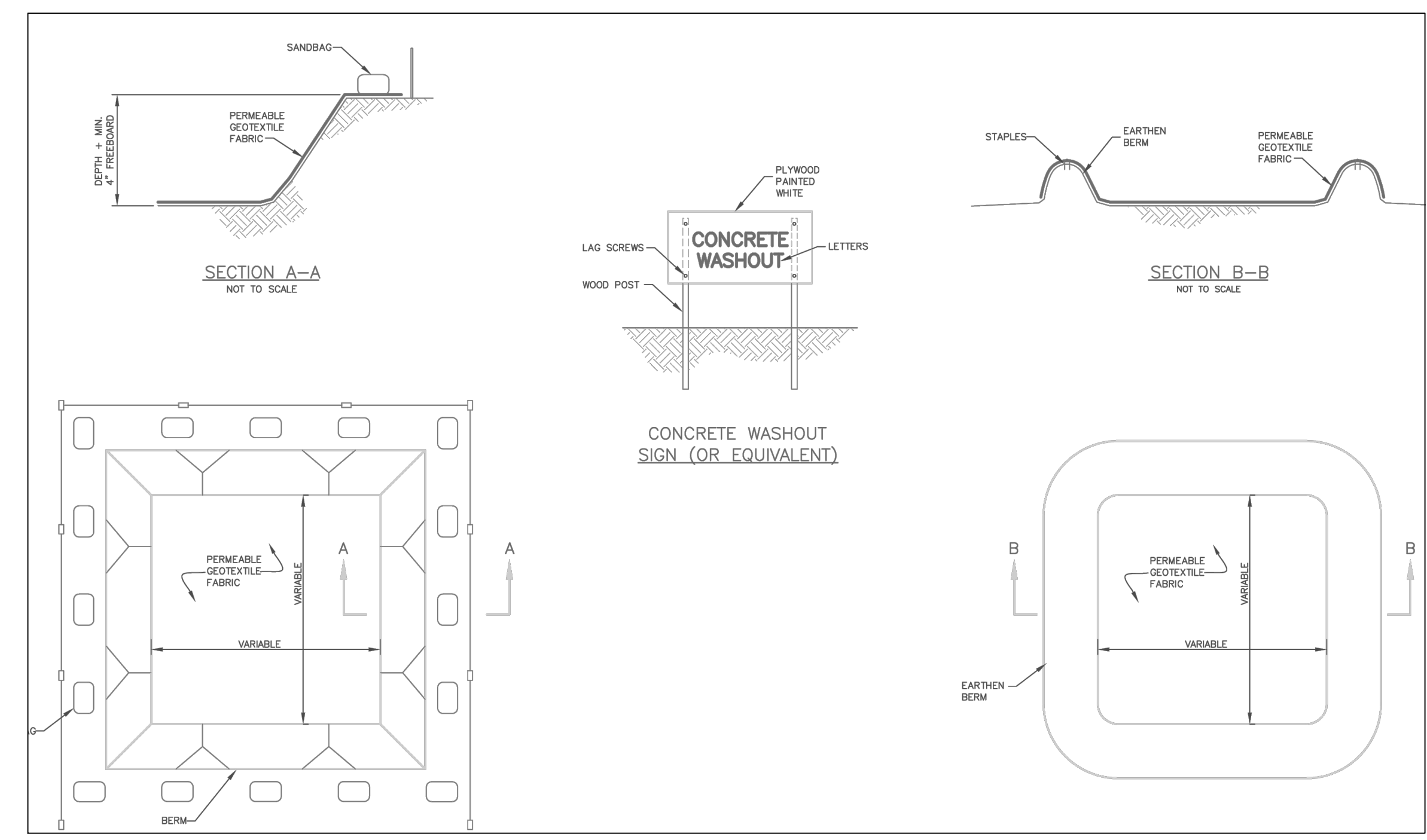
**GRAVEL INLET PROTECTION**  
 SCALE: N.T.S.



TAILWATER > 0.5 Hc AND ASSUMING FULL CULVERT FLOW ('HT' HIGH TAILWATER CONDITIONS)

Hc = HEIGHT OF CULVERT  
 Wc = WIDTH OF CULVERT  
 La = LENGTH OF RIPRAP APRON  
 Wa = WIDTH OF RIPRAP AT END  
 D50 = MEDIAN RIPRAP SIZE  
 Dmax = MAXIMUM SIZE OF RIPRAP = 1.5 D50  
 Da = DEPTH OF RIPRAP APRON = 1.5 Dmax

**RIPRAP OUTLET PROTECTION**  
 SCALE: N.T.S.

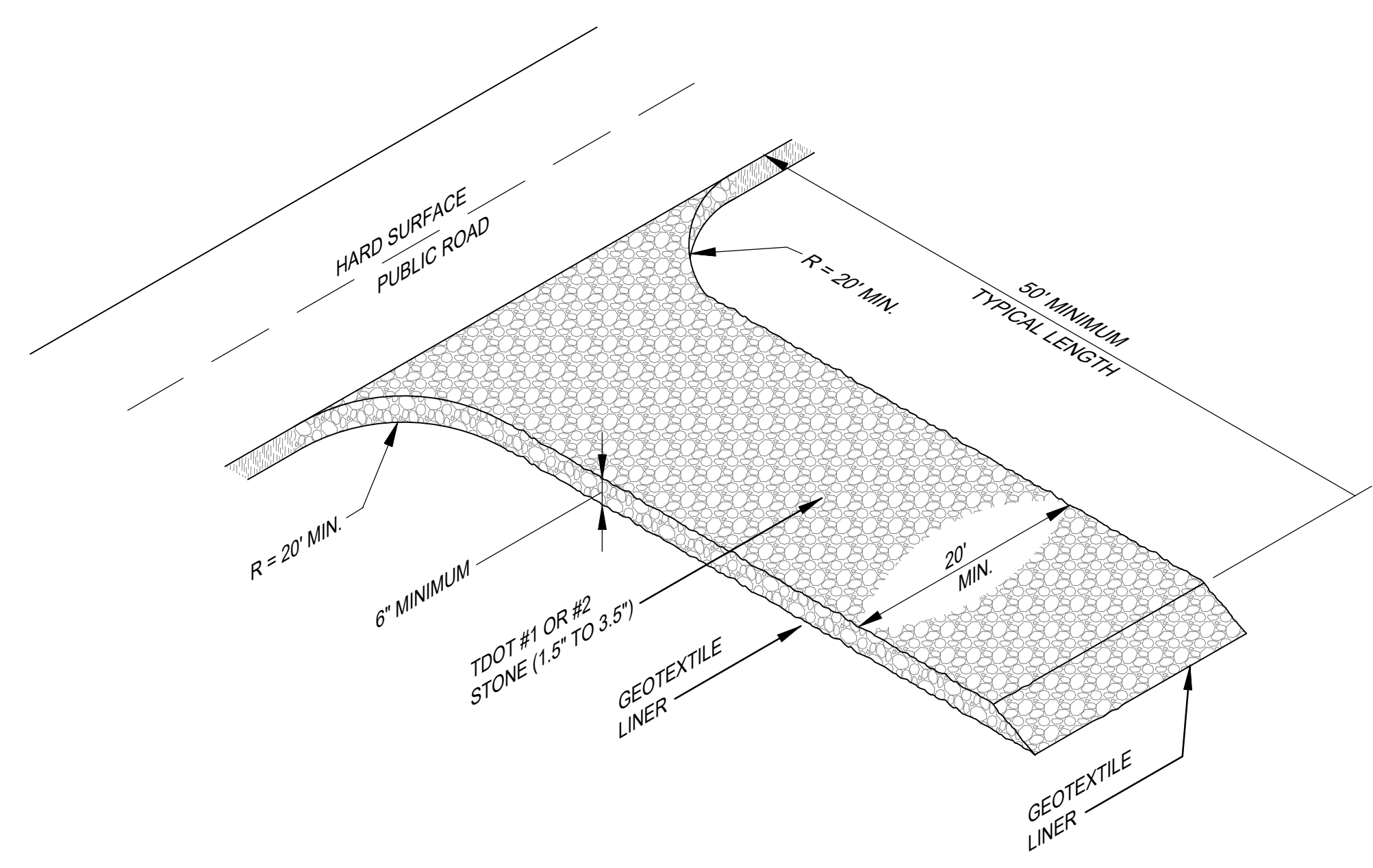


**CONCRETE WASHOUT**  
 SCALE: N.T.S.

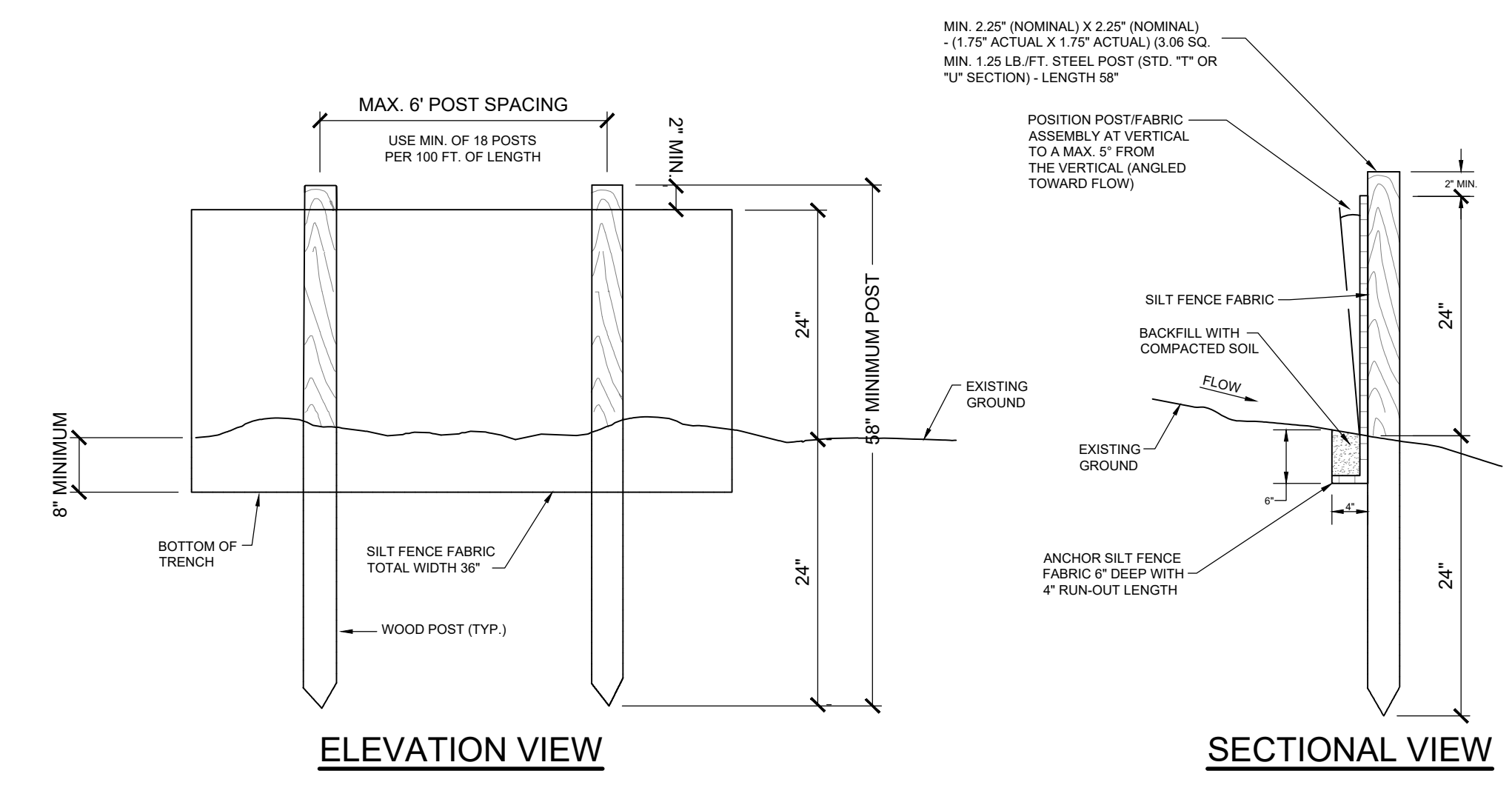
NOTES:  
 1. PROVIDE 18" DIA. CULVERT FOR ANY REQUIRED CONSTRUCTION CROSSINGS.

PERMANENT COVER SEEDING MIXTURES		
SEEDING DATES	GRASS SEED	PERCENTAGES
FEBRUARY 1 TO JULY 1	KENTUCKY 31 FESCUE	80%
	KOREAN LESPEDEZA	15%
	ENGLISH RYE	5%
JUNE 1 TO AUGUST 15	KENTUCKY 31 FESCUE	55%
	ENGLISH RYE	20%
	KOREAN LESPEDEZA	15%
APRIL 15 TO AUGUST 15	BERMUDAGRASS (HULLED)	70%
	ANNUAL LESPEDEZA	30%
	KENTUCKY 31 FESCUE	70%
AUGUST 1 TO DECEMBER 1	ENGLISH RYE	20%
	WHITE CLOVER	10%
	KENTUCKY 31 FESCUE	70%
FEBRUARY 1 TO DECEMBER 1	CROWN VETCH	25%
	ENGLISH RYE	5%
	NOTE: FOR SEED PREPARATION, MULCHING, AND FERTILIZING REFER TO THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.	

TEMPORARY COVER SEEDING MIXTURES		
SEEDING DATES	GRASS SEED	PERCENTAGES
JANUARY 1 TO MAY 1	ITALIAN RYE	33%
	KOREAN LESPEDEZA	33%
	SUMMER OATS	34%
MAY 1 TO JULY 15	SADUN - SORGHUM	100%
	STAR MILLET	100%
JULY 15 TO JANUARY 1	BALBOA RYE	67%
	ITALIAN RYE	33%
NOTE: FOR SEED PREPARATION, MULCHING, AND FERTILIZING REFER TO THE TENNESSEE EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.		



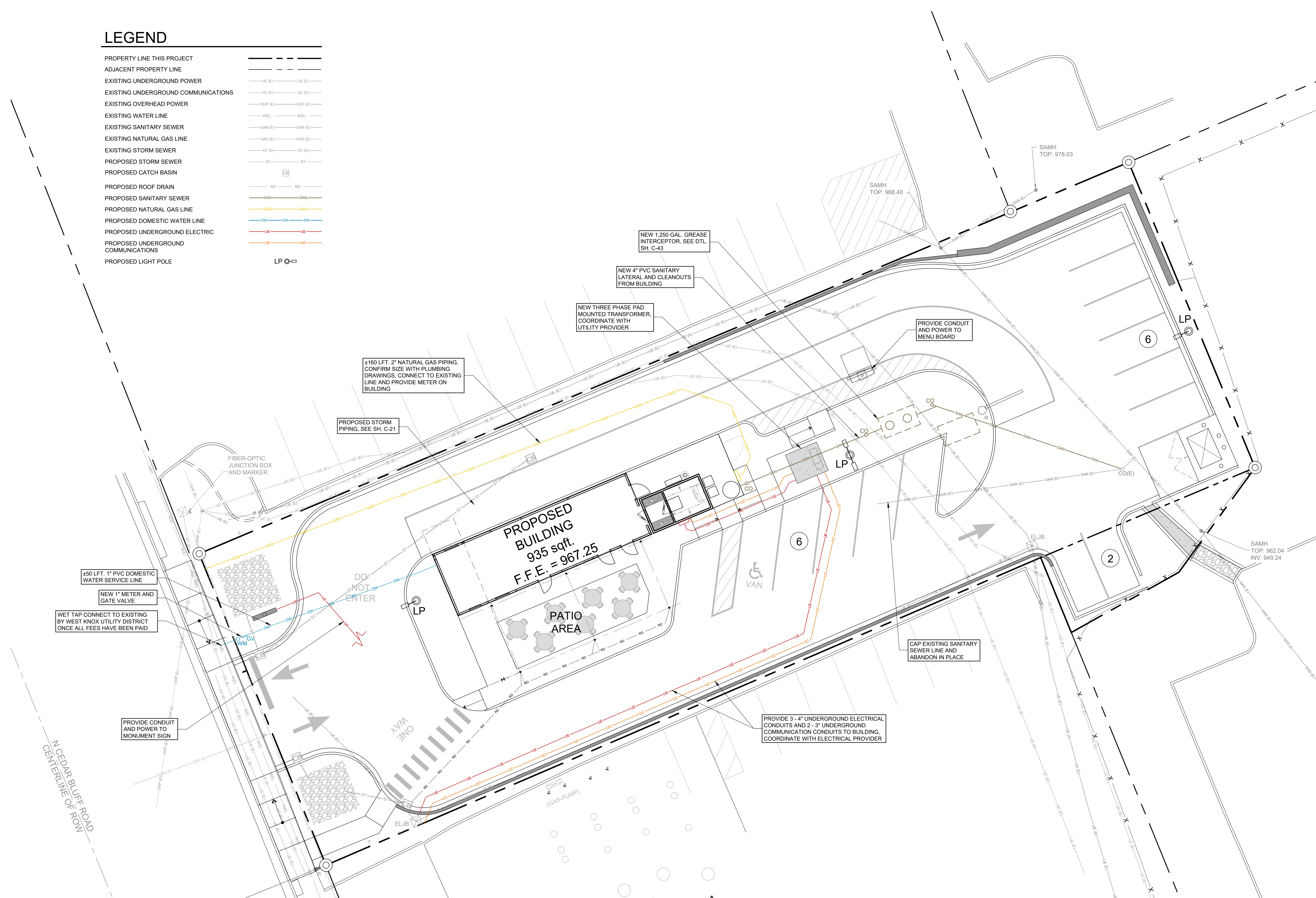
**TEMPORARY GRAVEL CONSTRUCTION ENTRANCE / EXIT**  
 SCALE: N.T.S.



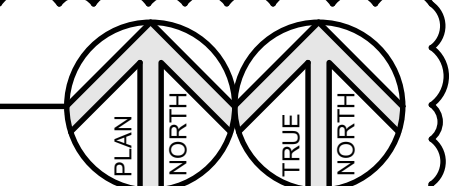
**SILT FENCE**  
 SCALE: N.T.S.

# LEGEND

PROPERTY LINE THIS PROJECT	---
ADJACENT PROPERTY LINE	---
EXISTING UNDERGROUND POWER	—UE (E)— UE (E)—
EXISTING UNDERGROUND COMMUNICATIONS	—UC (E)— UC (E)—
EXISTING OVERHEAD POWER	—OHP (E)— OHP (E)—
EXISTING WATER LINE	—W(E)— W(E)—
EXISTING SANITARY SEWER	—SAN (E)— SAN (E)—
EXISTING NATURAL GAS LINE	—GAS (E)— GAS (E)—
EXISTING STORM SEWER	—ST (E)— ST (E)—
PROPOSED STORM SEWER	—ST— ST—
PROPOSED CATCH BASIN	CB
PROPOSED ROOF DRAIN	RD RD
PROPOSED SANITARY SEWER	—SAN— SAN—
PROPOSED NATURAL GAS LINE	—GAS— GAS—
PROPOSED DOMESTIC WATER LINE	—DW— DW—
PROPOSED UNDERGROUND ELECTRIC	—UE— UE—
PROPOSED UNDERGROUND COMMUNICATIONS	—UC— UC—
PROPOSED LIGHT POLE	LP



**SITE UTILITIES PLAN**  
SCALE: 1" = 10'-0"



New Location for:  
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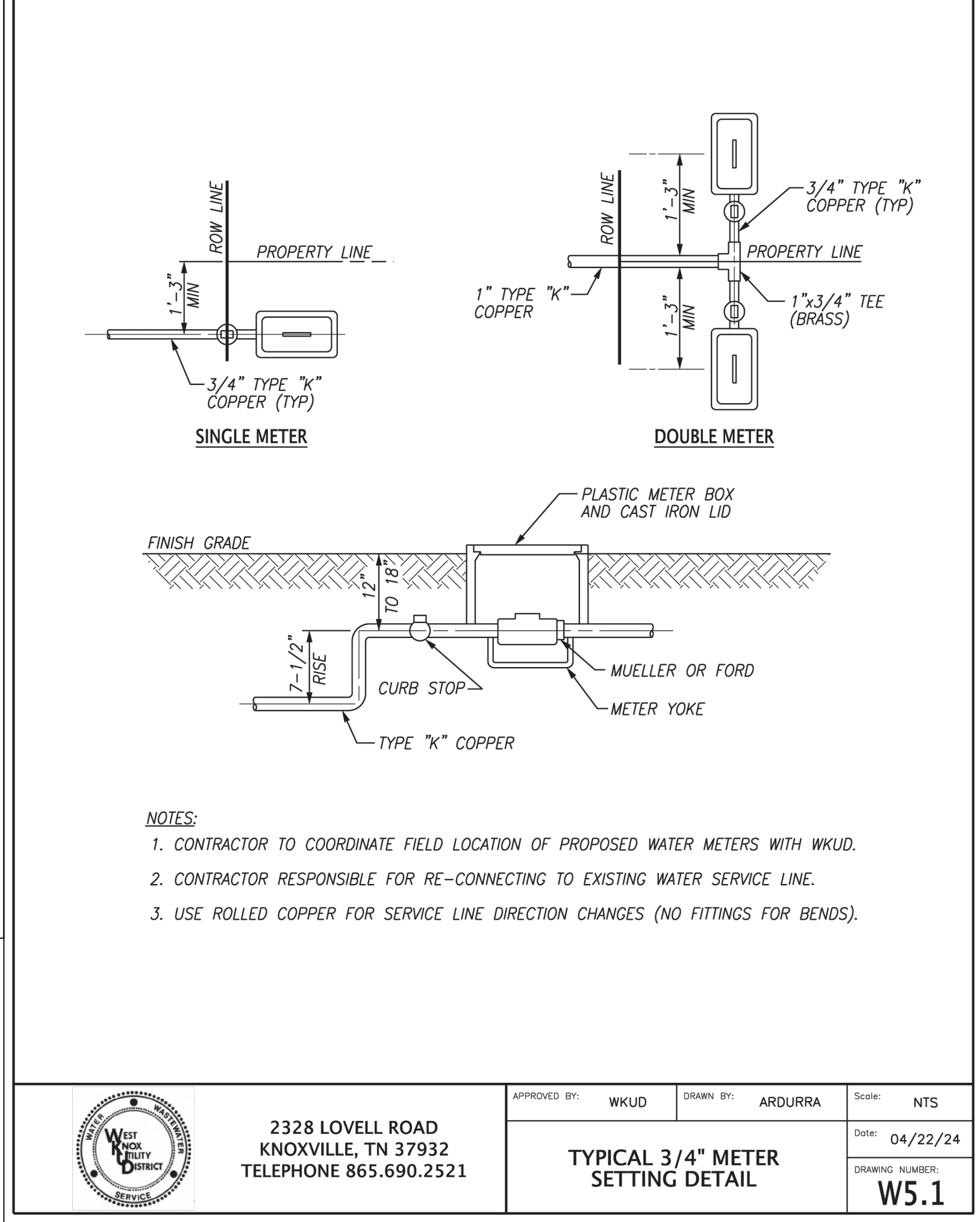
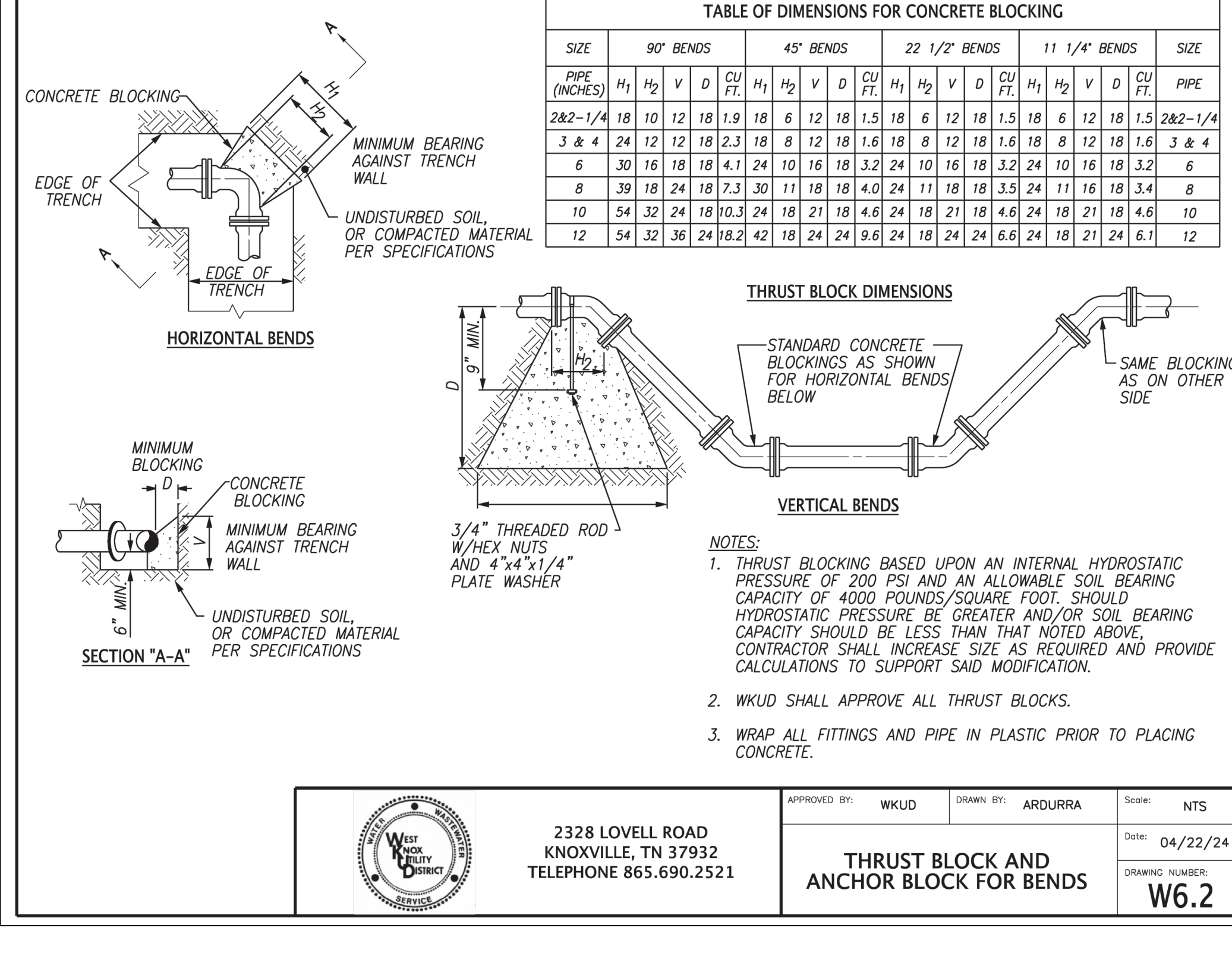
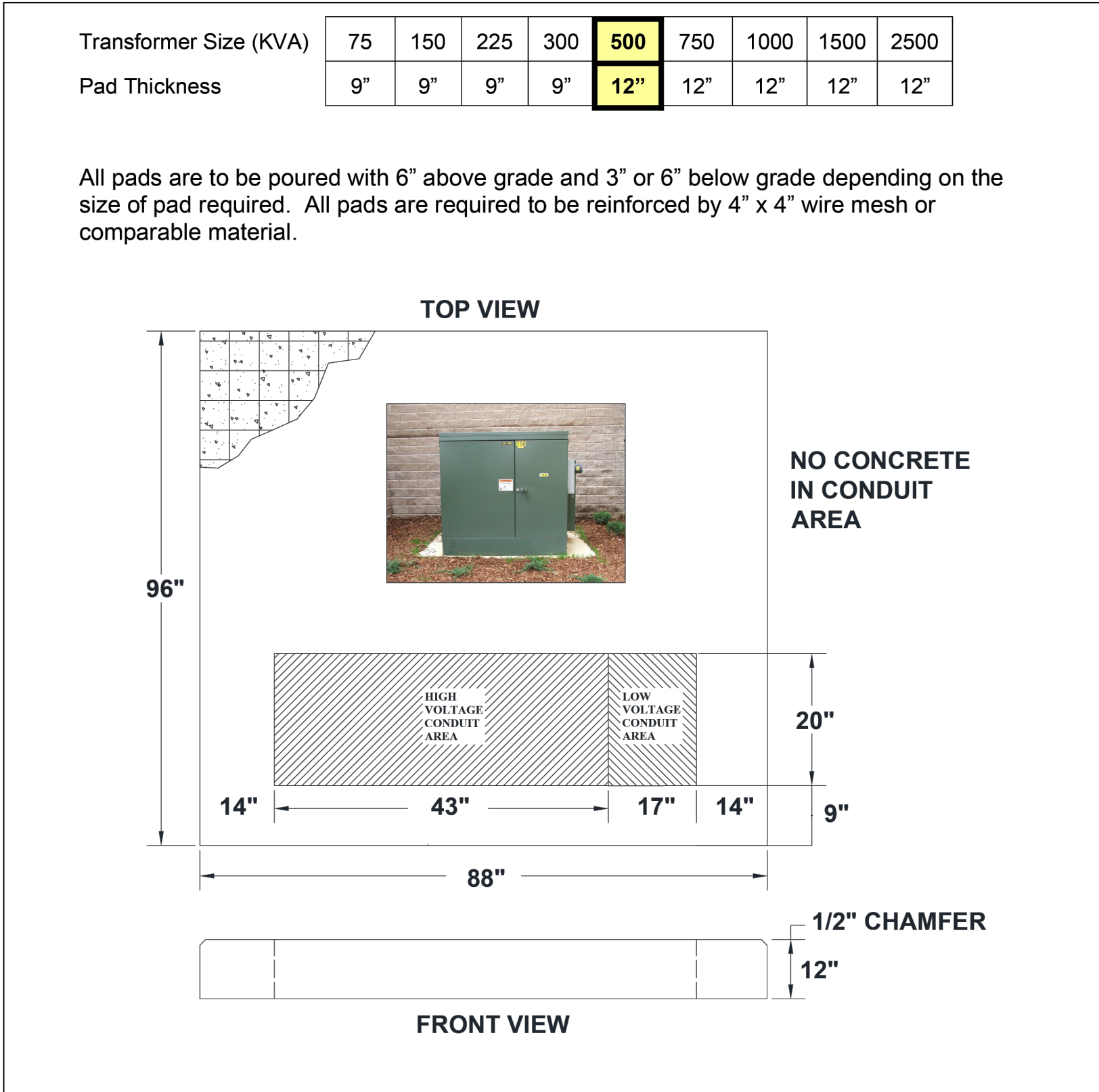
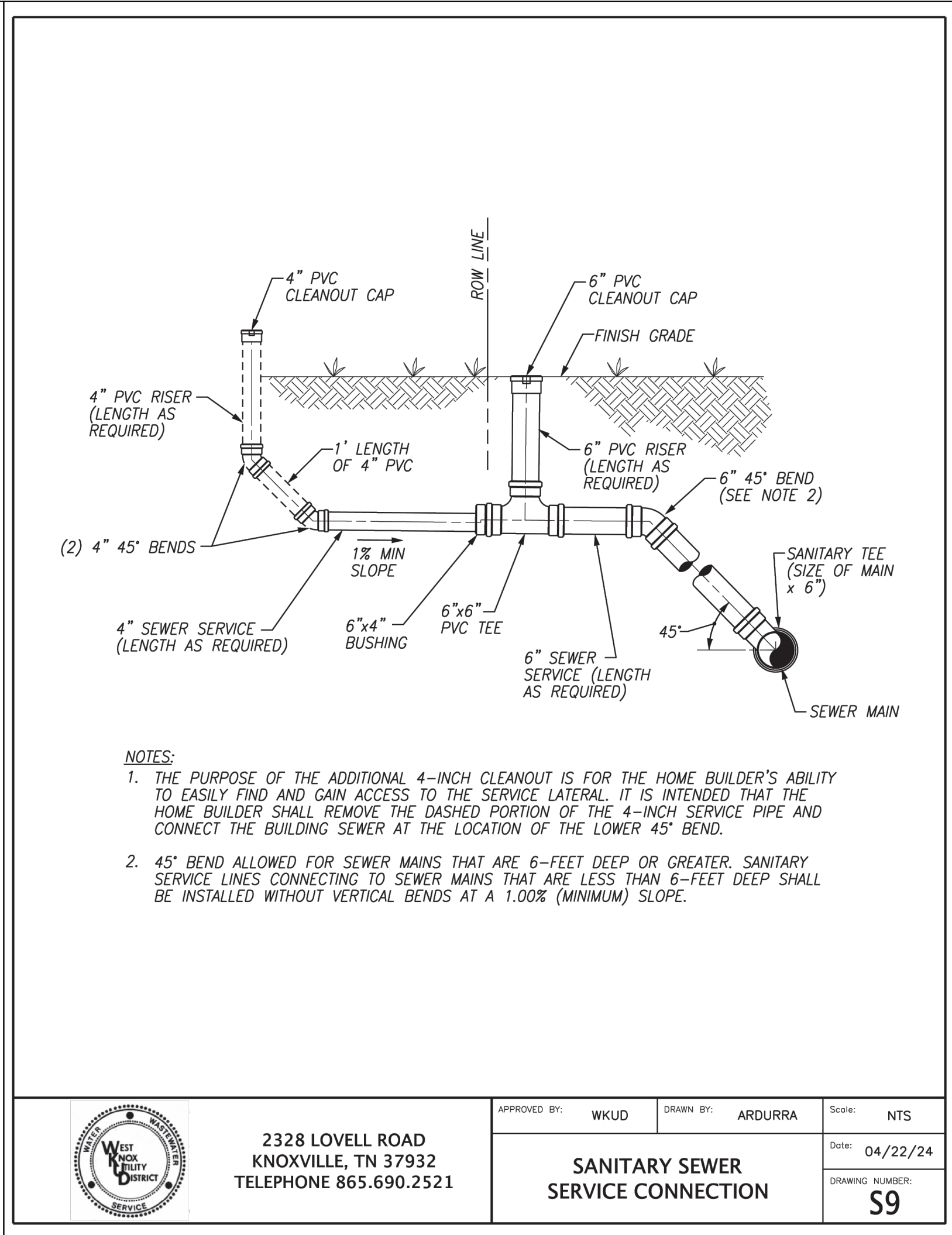
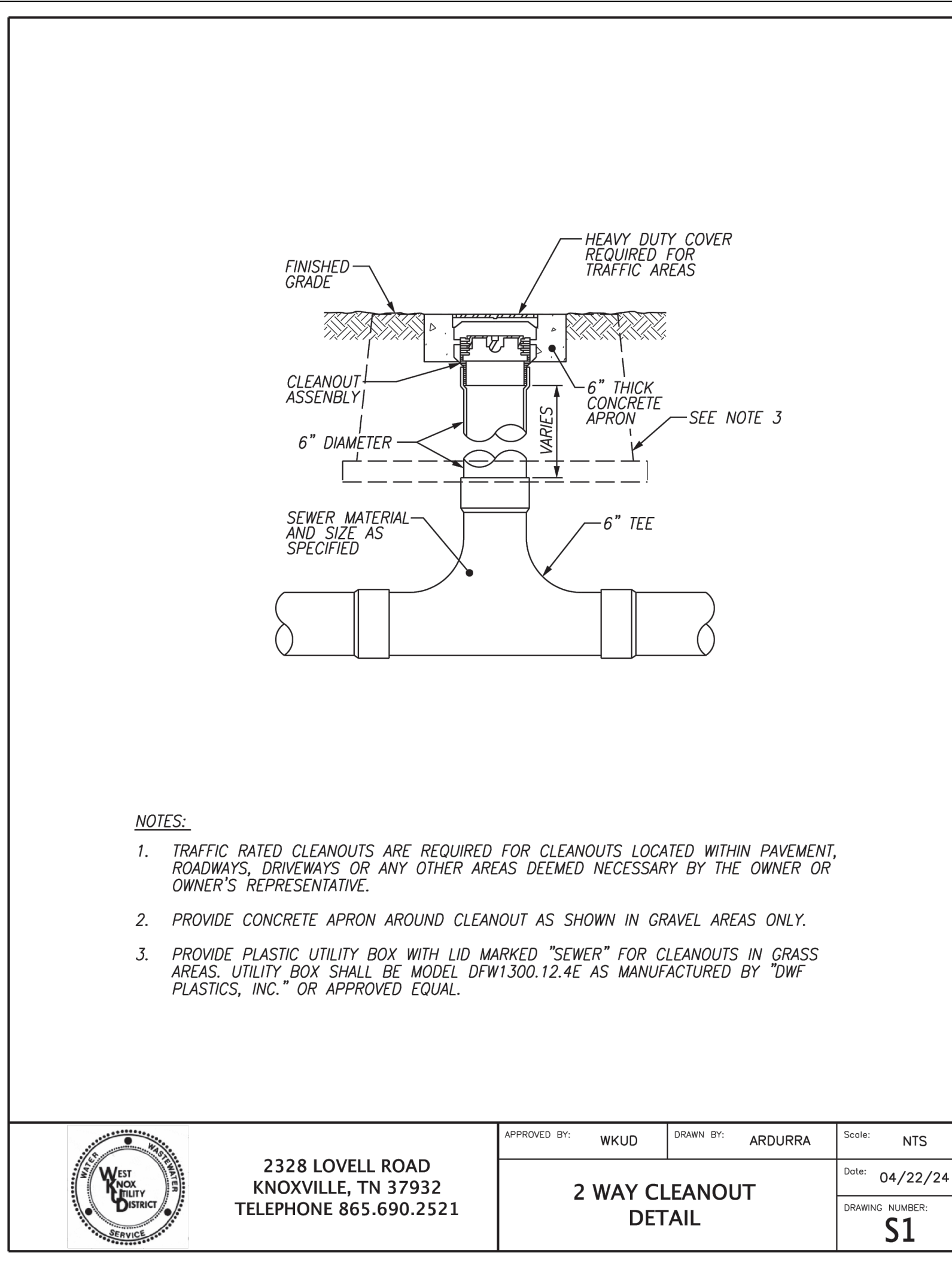
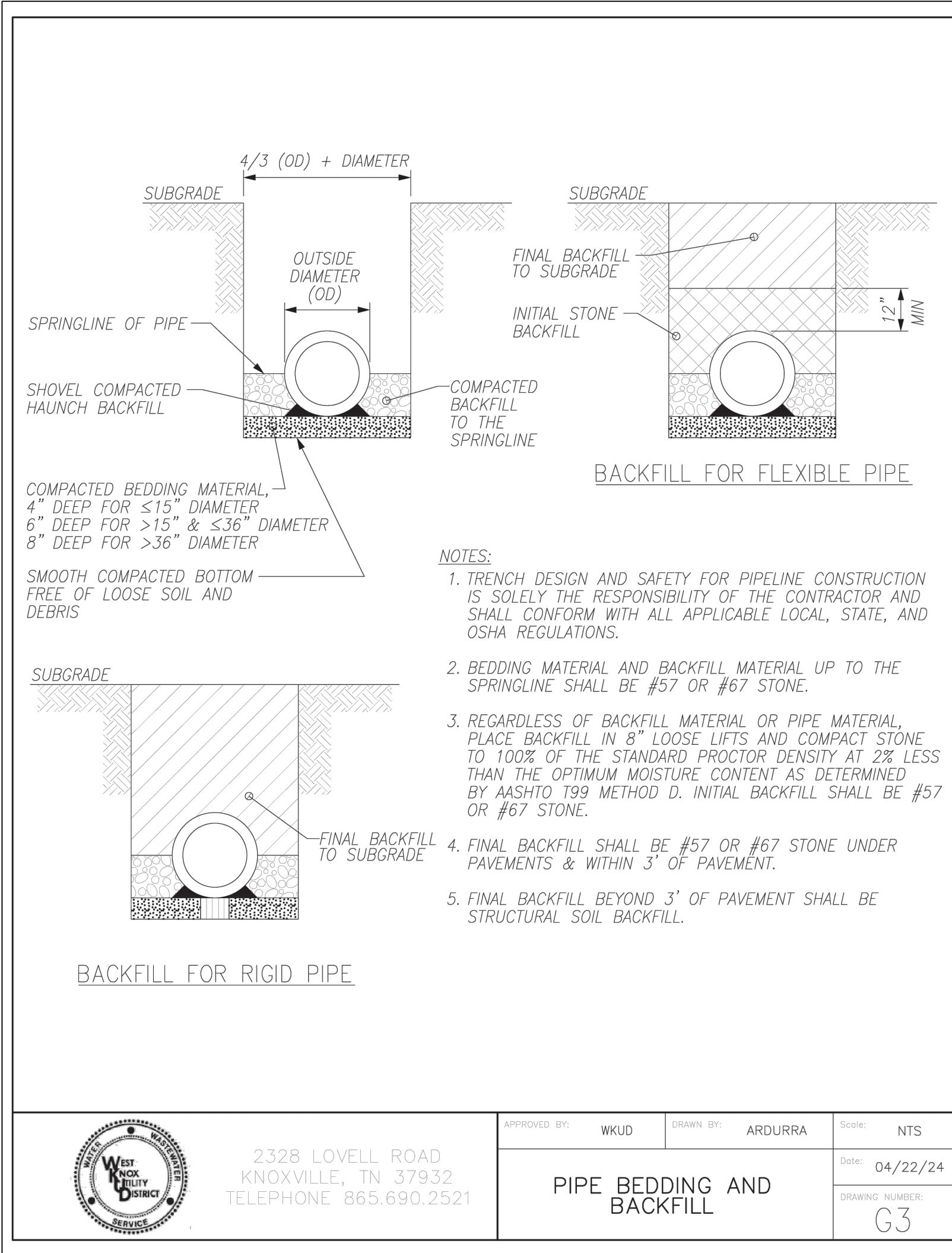
no.	date	rev.	description
1	04-17-26		ADDRESS PLANNING COMMENTS



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drawn	BWJ
project no.	202618

SITE UTILITIES PLAN

**C-41**

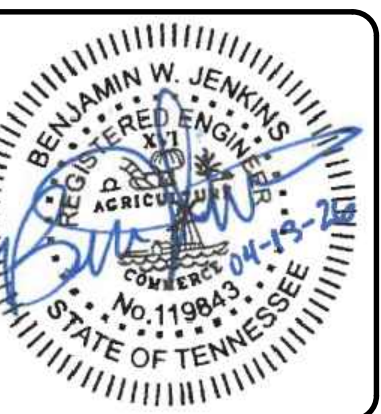


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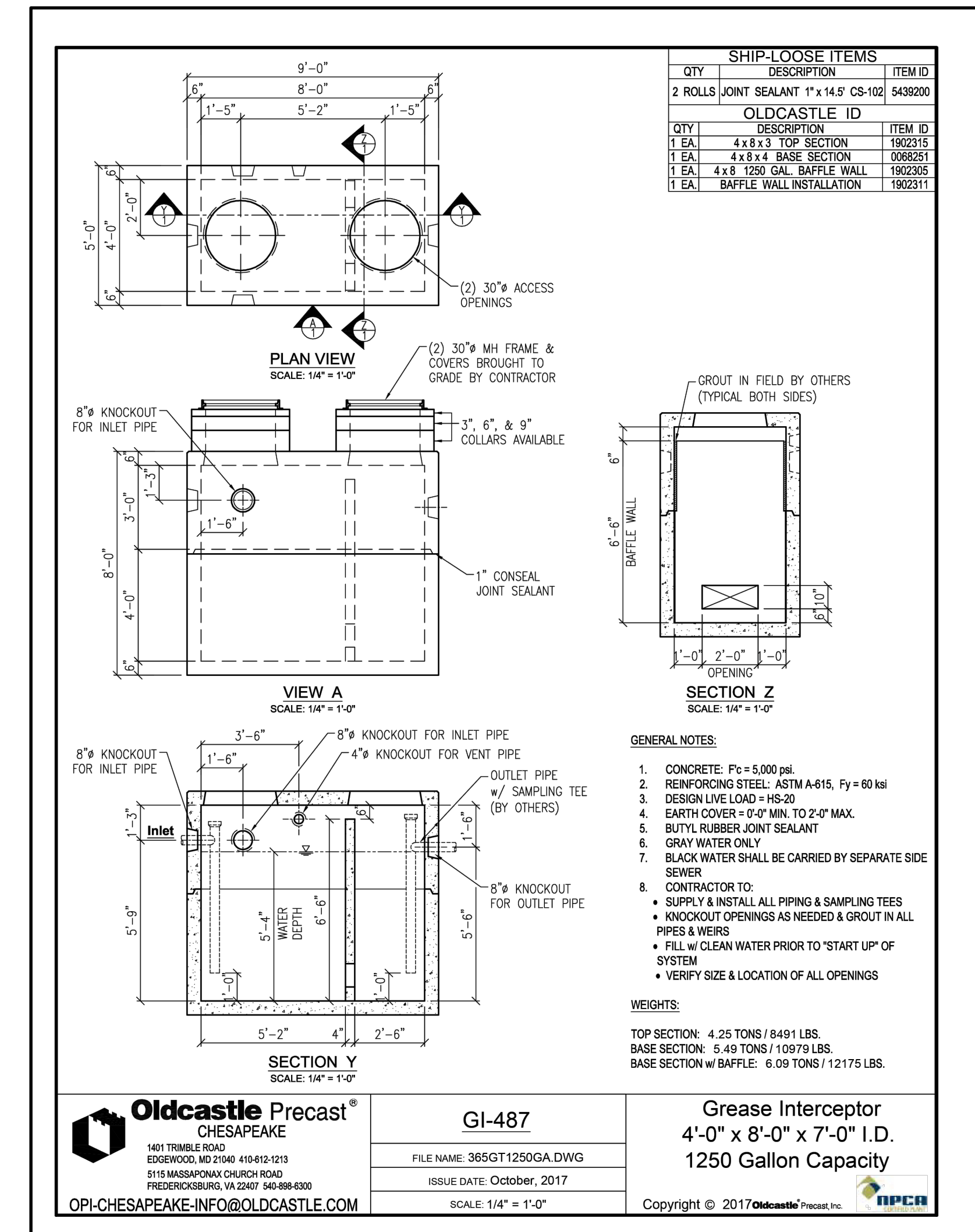


issued 04-13-2026  
checked JG, BWJ  
drawn BWJ  
project no. 202618

SITE UTILITIES DETAILS

**C-42**

plotted: 4/14/2026 11:51:29 AM file: C-41-42-43\_SITEUTILITIESPLAN-DETAILS\_202618.DWG



**GREASE INTERCEPTOR - 1,250 GAL. (OR EQUIVALENT)**

SCALE: N.T.S.



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drawn	BWJ
project no.	202618

GREASE INTERCEPTOR DETAILS

**C-43**

# LANDSCAPE LEGEND

SEE ALSO SITE LAYOUT FOR ADDITIONAL LEGEND ENTRIES NOT SHOWN THIS SHEET

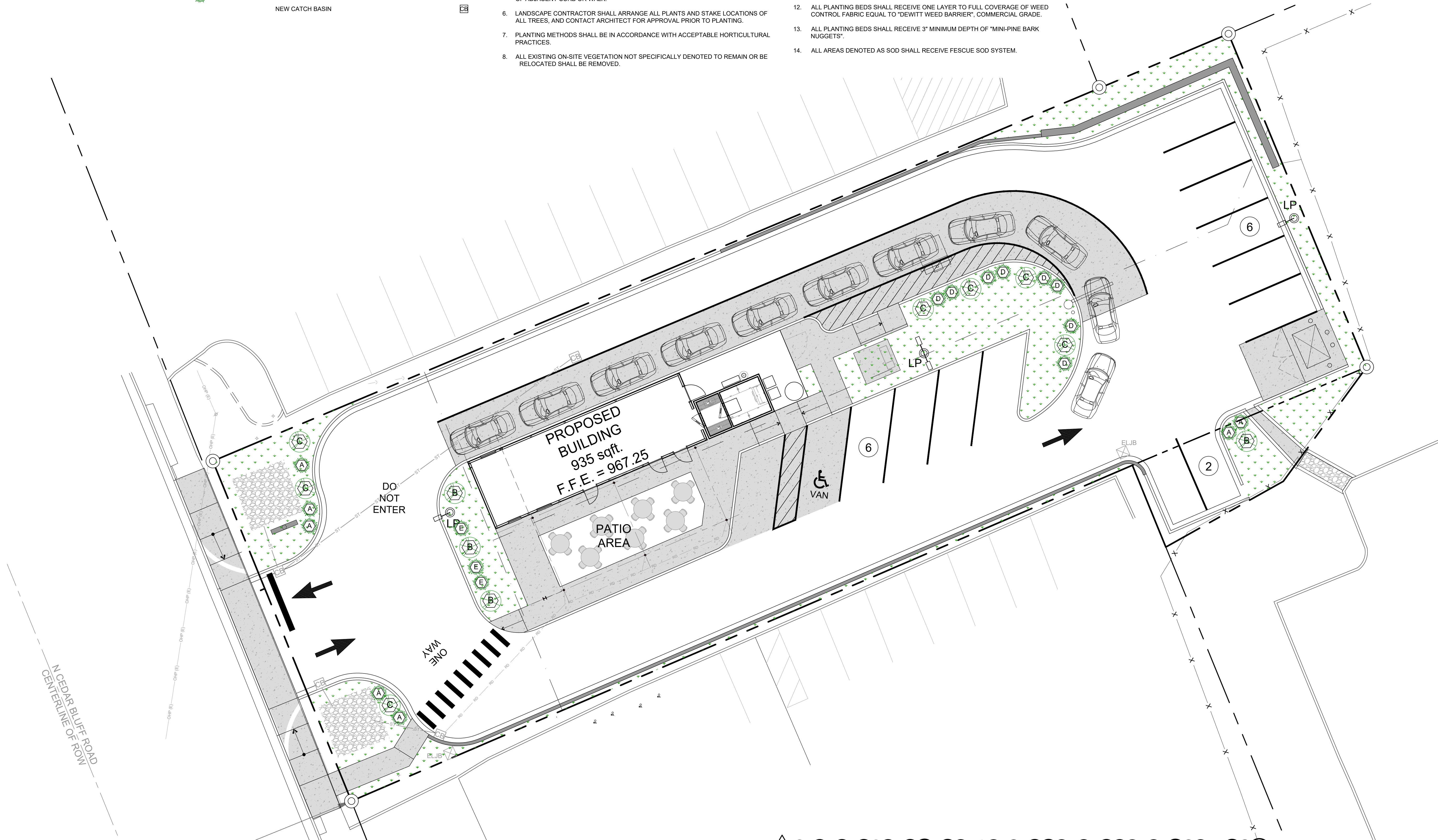
PROPERTY LINE (THIS PROJECT)		NEW SHRUB / TREE	
PROPERTY LINE (OTHER)		NEW SHRUB / TREE DESIGNATION / QUANTITY	
NEW SIDEWALK		TEMPORARY BENCH MARK	"TBM"
NEW LANDSCAPE BED		EXISTING LIGHT/UTILITY POLE	LP (E)
NEW GRASS AREA		NEW LIGHT POLE	LP
NEW SHRUB		EXISTING CATCH BASIN	
		NEW CATCH BASIN	CB

# LANDSCAPE NOTES

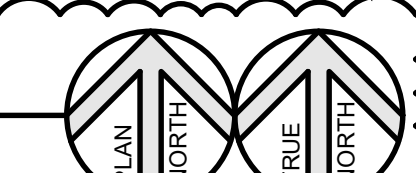
- SEE SITE LAYOUT FOR SETBACKS, EASEMENTS, ZONING, AND LAND USE.
- SEE SHEET C-11 FOR ALL PAVED AREAS. NEW AND EXISTING PAVED AREAS MAY NOT BE DELINEATED FROM ONE ANOTHER ON THIS SHEET.
- ALL AREA INSIDE CURB LINE OF ADJACENT CITY STREETS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION (AND NOT DELINEATED TO RECEIVE PLANTING BED) SHALL BE SEEDED.
- NO PLANTING MATERIAL SHALL BE SUBSTITUTED WITHOUT ARCHITECT'S PRIOR WRITTEN CONSENT.
- UNLESS NOTED OTHERWISE, ALL PLANTING BEDS SHALL BE MOUNTED 6" ABOVE TOP OF ADJACENT CURB OR WALK.
- LANDSCAPE CONTRACTOR SHALL ARRANGE ALL PLANTS AND STAKE LOCATIONS OF ALL TREES, AND CONTACT ARCHITECT FOR APPROVAL PRIOR TO PLANTING.
- PLANTING METHODS SHALL BE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES.
- ALL EXISTING ON-SITE VEGETATION NOT SPECIFICALLY DENOTED TO REMAIN OR BE RELOCATED SHALL BE REMOVED.
- IN LOCATIONS WHERE MULCHED PLANTING BEDS ABUT GRASSY AREAS, EDGE OF BED SHALL RECEIVE 1/8" x 4" ALUMINUM (MILL FINISH) EDGING EQUAL TO "PERMALOC" OR "RYERSON STEEL", INSTALL PER MANUFACTURERS RECOMMENDATIONS, WITH TOP OF EDGING MAXIMUM 1" ABOVE EARTH.
- ALL NEW PLANTING MATERIAL SHALL BE FERTILIZED WITH "STA-GREEN NURSERY SPECIAL" OR ARCHITECT APPROVED FERTILIZER IN DOSAGE SUGGESTED BY MANUFACTURER. ALL NEW AND EXISTING TREES SHALL ADDITIONALLY RECEIVE ONE-YEAR FERTILIZER CAPSULES BY SAME MANUFACTURER IN RECOMMENDED DOSAGE.
- ALL MATERIAL TO BE REMOVED BY CONTRACTOR SHALL BE DISPOSED IN ACCORDANCE WITH ALL APPLICABLE CODES AND ORDINANCES.
- ALL PLANTING BEDS SHALL RECEIVE ONE LAYER TO FULL COVERAGE OF WEED CONTROL FABRIC EQUAL TO "DEWITT WEED BARRIER", COMMERCIAL GRADE.
- ALL PLANTING BEDS SHALL RECEIVE 3" MINIMUM DEPTH OF "MINI-PINE BARK NUGGETS".
- ALL AREAS DENOTED AS SOD SHALL RECEIVE FESCUE SOD SYSTEM.

# PLANTING SCHEDULE

KEY	COMMON NAME	BOTANICAL NAME	QTY.	SIZE
A	MUHLY GRASS	MUHLENBERGIA CAPILLARIS	7	3 GAL.
B	FLOWERING CHERRY	PRUNUS SERRULATA	4	2" CAL.
C	DWARF YALPON HOLLY	ILEX VOMITORIA 'NANA'	7	3 GAL.
D	VARIEGATED MONKEY GRASS	PRUNUS LAUROCORASUS NANA	8	3 GAL.
E	DWARF ENGLISH LAUREL	LIRIOPE SPICATA	3	3 GAL.



**LANDSCAPE PLAN**  
SCALE: 1" = 10'-0"



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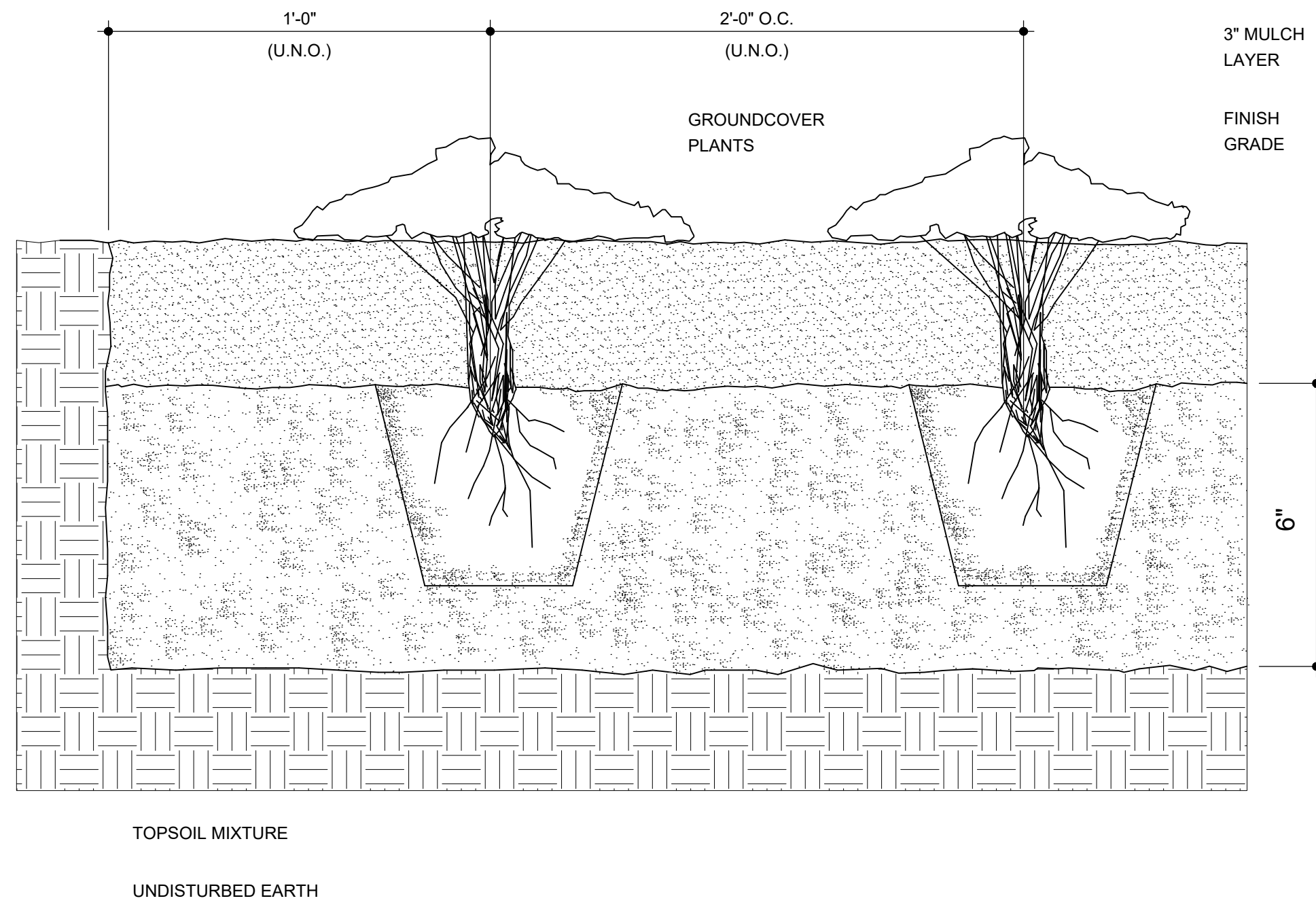


issued	04-13-2026
checked	JG, BWJ
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project no.	202618

LANDSCAPE PLAN

L-11

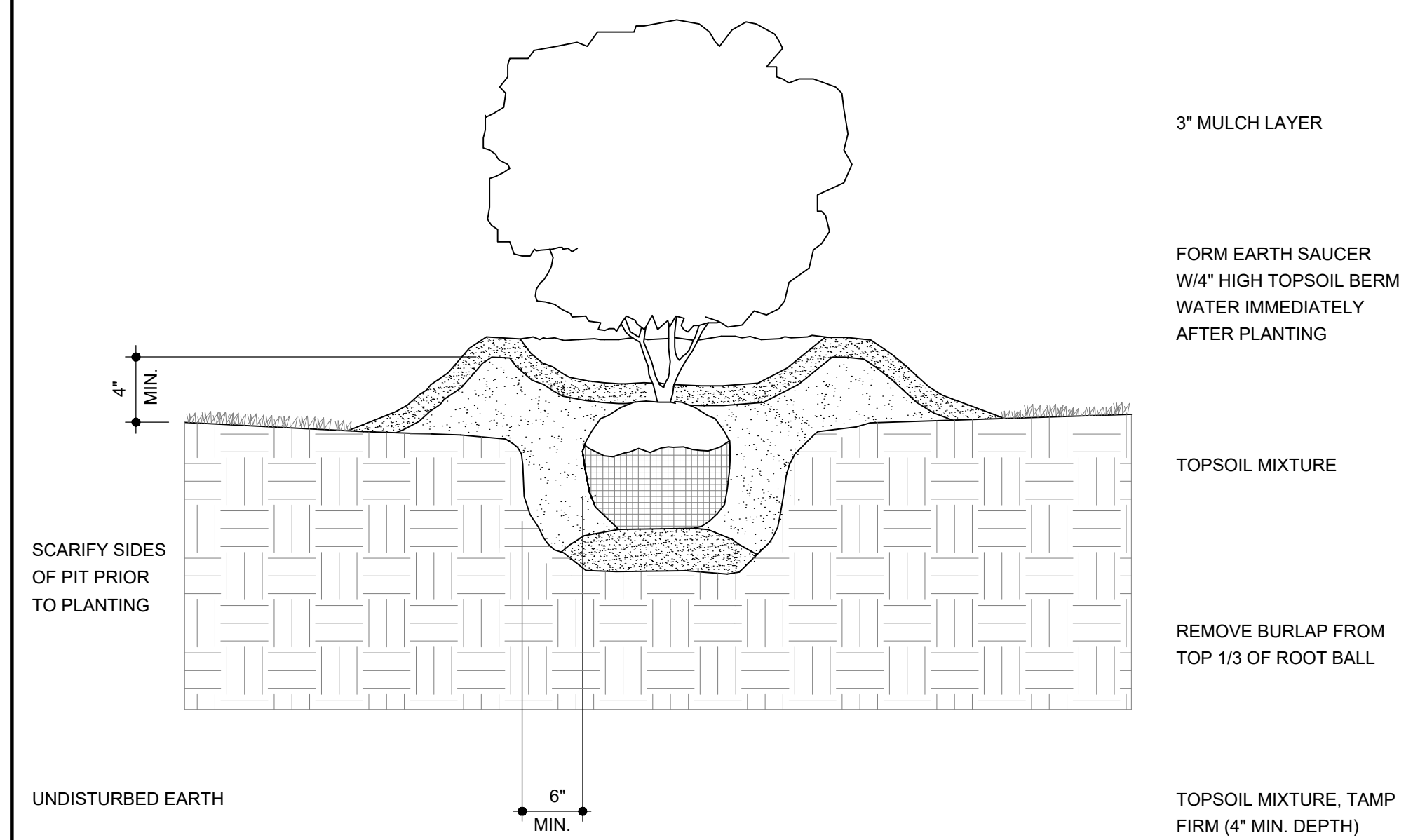
SEE GENERAL NOTES AND NOTES ON TREE PLANTING FOR ADDITIONAL INFORMATION.



**GROUNDCOVER PLANTING**  
NOT TO SCALE

6  
L-12

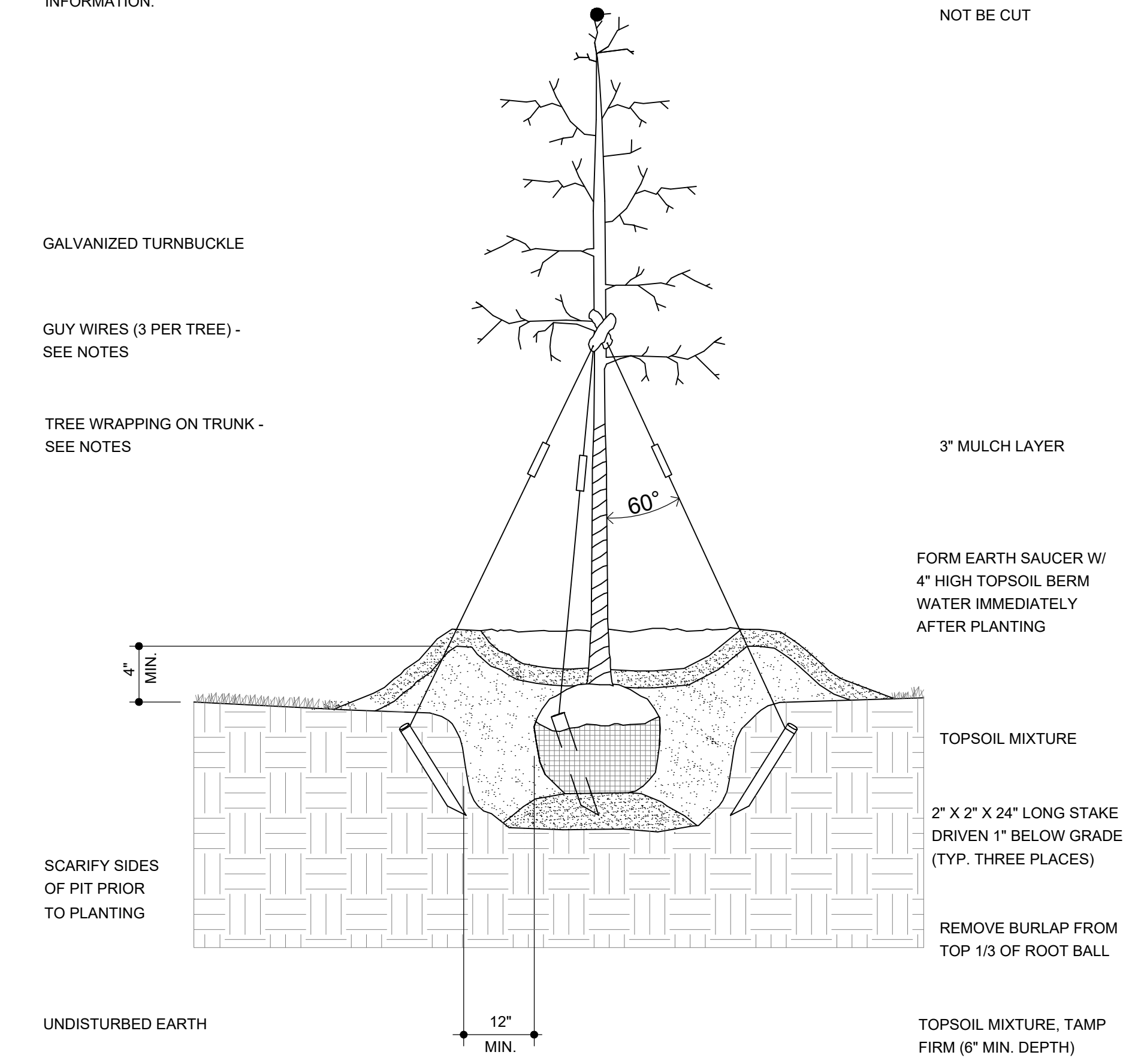
SEE GENERAL NOTES AND NOTES ON TREE PLANTING FOR ADDITIONAL INFORMATION.



**SHRUB PLANTING**  
NOT TO SCALE

5  
L-12

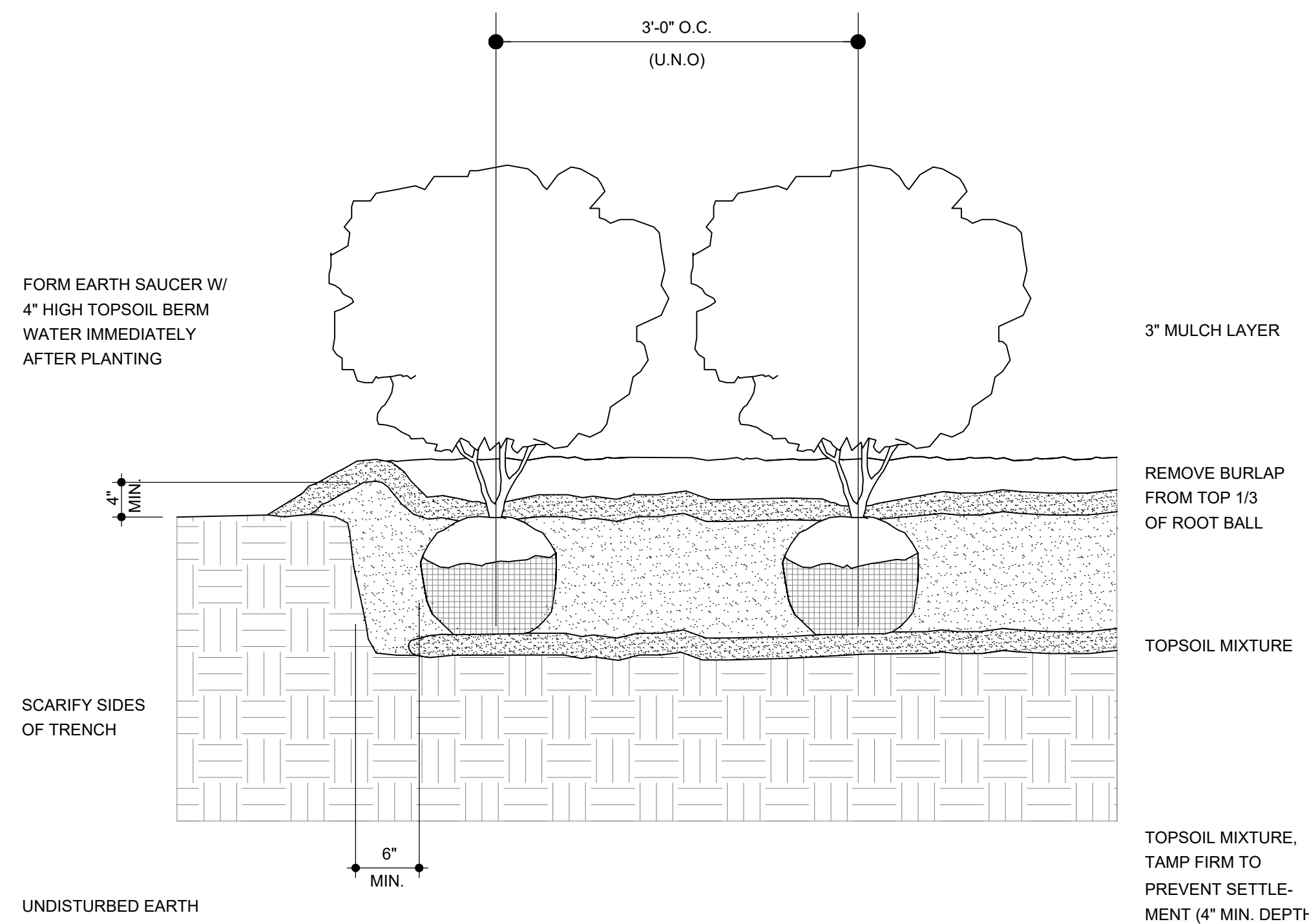
SEE GENERAL NOTES AND NOTES ON TREE PLANTING FOR ADDITIONAL INFORMATION.



**PLANTING FOR TREES OVER TO 3" CALIPER**  
NOT TO SCALE

4  
L-12

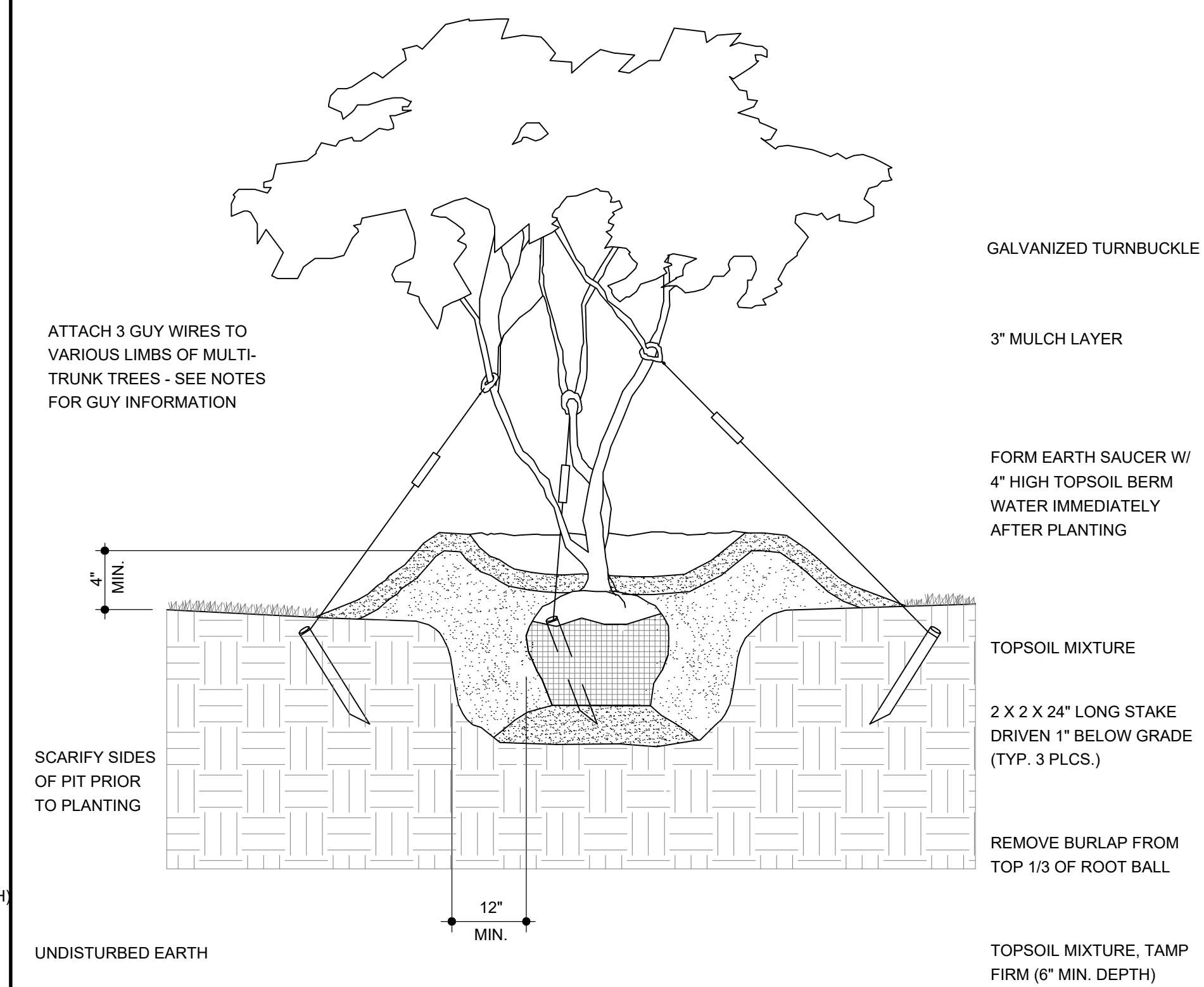
SEE GENERAL NOTES AND NOTES ON TREE PLANTING FOR ADDITIONAL INFORMATION.



**TRENCH PLANTING FOR SHRUBS**  
NOT TO SCALE

3  
L-12

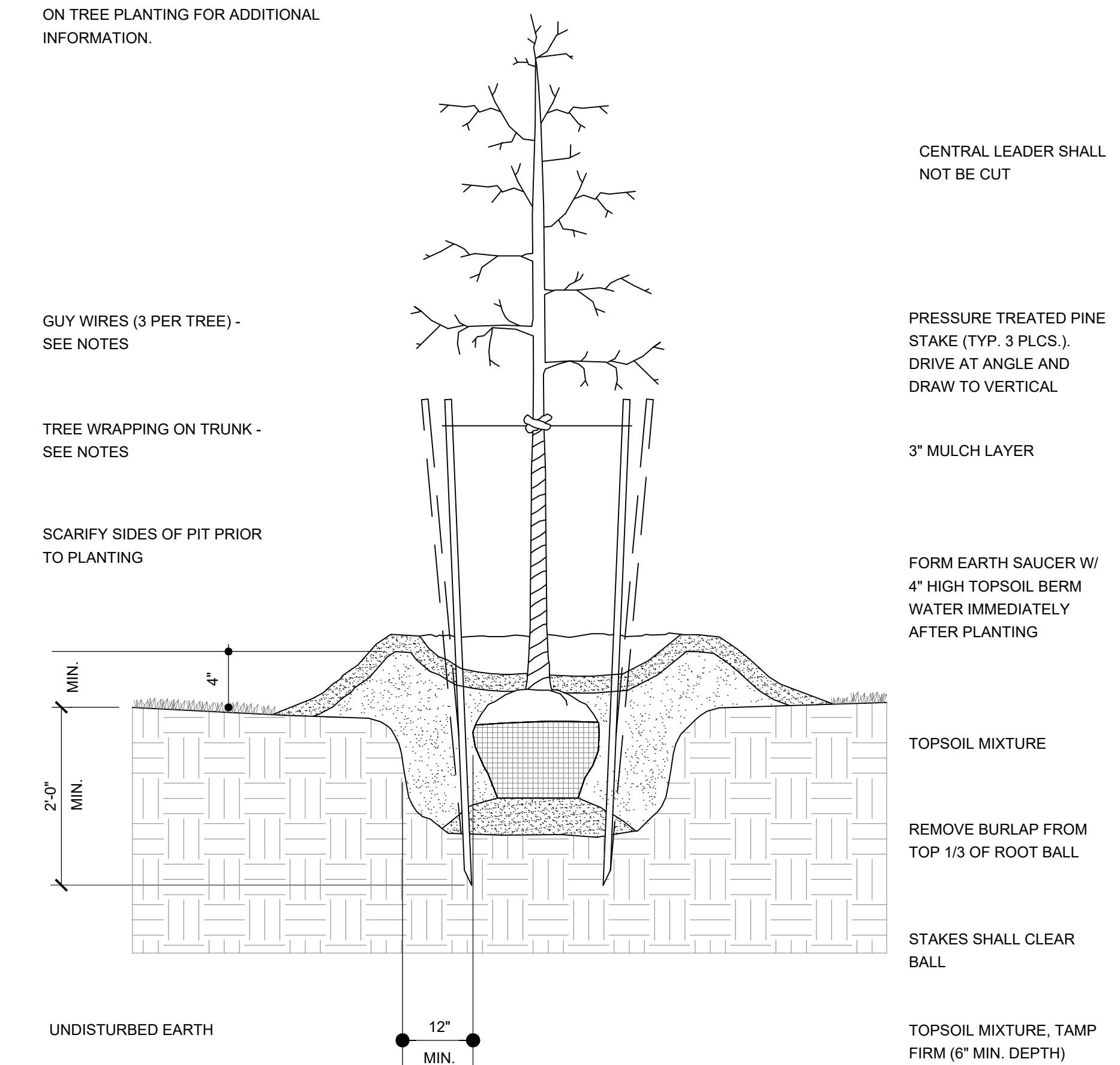
SEE GENERAL NOTES AND NOTES ON TREE PLANTING FOR ADDITIONAL INFORMATION.



**MULTI-TRUNKED TREE PLANTING**  
NOT TO SCALE

2  
L-12

SEE GENERAL NOTES AND NOTES ON TREE PLANTING FOR ADDITIONAL INFORMATION.



**PLANTING FOR TREES UP TO 3" CALIPER**  
NOT TO SCALE

1  
L-12

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drawn	BWJ
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LANDSCAPE DETAILS

**L-12**

plotted: 4/14/2026 11:52:49 AM file: L-11-12\_LANDSCAPE PLAN DETAILS\_202618.DWG



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PROGRESS PRINT  
 3/30/2026  
 NOT FOR CONSTRUCTION

issued	TBD
checked	CDR
drawn	CDR
project no.	202618

EXTERIOR BUILDING FLOOR PLANS

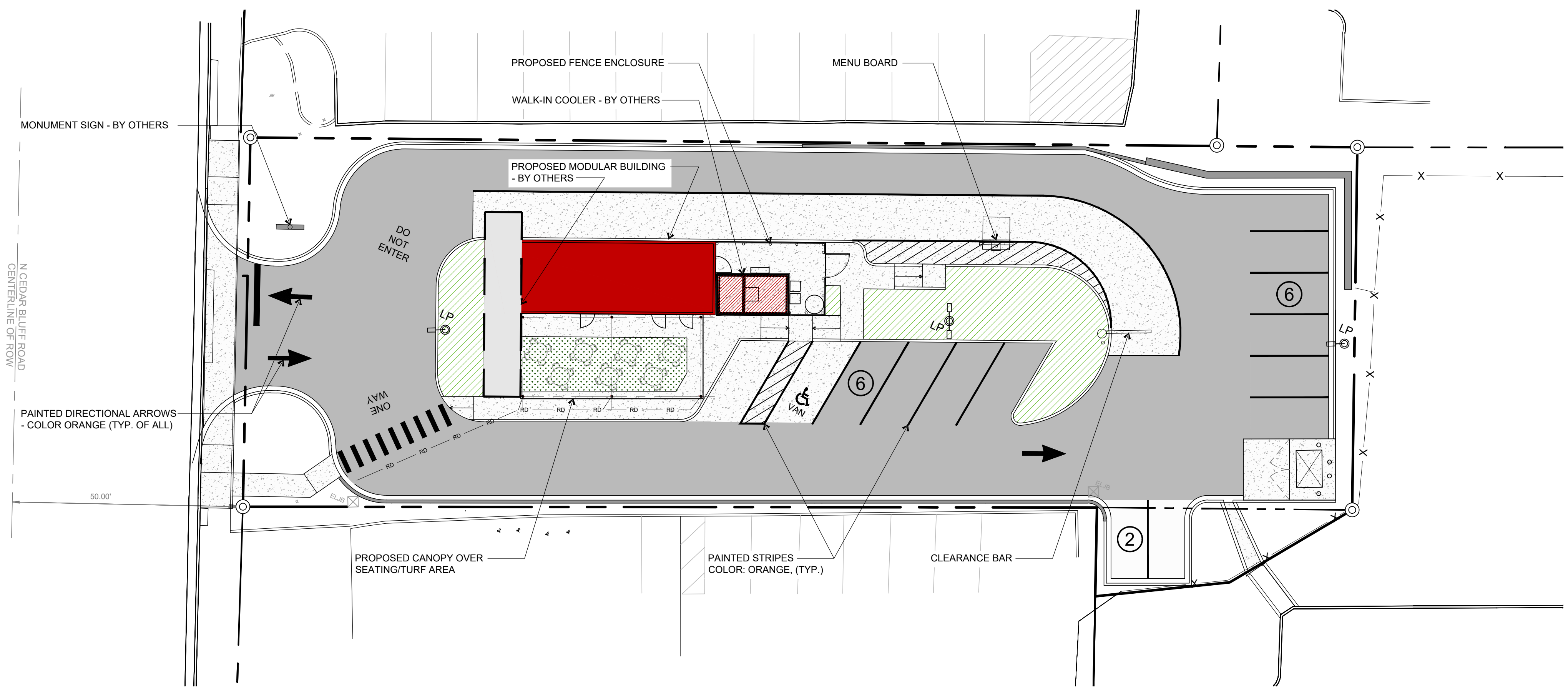
**A-11**

### LEGEND

- PROPERTY LINE (THIS PROJECT)
- PROPERTY LINE (OTHER)
- SETBACK / EASEMENT
- BUILDING COLUMN LINE (FOR REFERENCE)
- PROPOSED ADDITION
- NEW SIDEWALK
- NEW ASPHALT PAVEMENT
- NEW LANDSCAPING / MULCH AREA
- NEW GRASS AREA
- NUMBER OF PARKING SPACES IN A GROUP
- SPOT ELEVATION
- CATCH BASIN
- POWER POLE
- LIGHT POLE

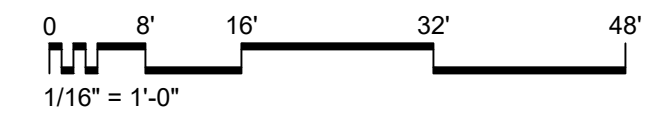
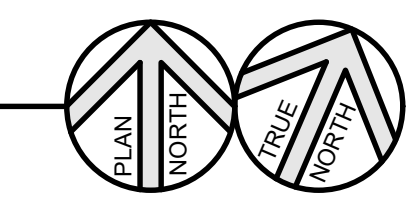
### GENERAL SITE NOTES

- THE SITE PLAN INFORMATION CONTAINED ON THIS SHEET IS PROVIDED FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR DETAILED SITE INFORMATION.
- REFER TO CIVIL DRAWINGS FOR GRADING, BUILDING LOCATION, PARKING AND LOCATION OF ALL UTILITIES.
- THIS IS NOT A SURVEY. REFER TO THE PLATTED SURVEY FOR ACCURACY.
- NO SIGNAGE IS INCLUDED IN THIS PACKAGE. THE SIGNAGE SHOWN FOR REFERENCE ONLY. ALL SIGNAGE MUST BE PERMITTED SEPARATELY.
- REFERENCE SHEET G-01 FOR GENERAL NOTES AND CONDITIONS AFFECTING THIS WORK
- AFTER FINAL GRADING AND PRIOR TO CONSTRUCTION, PRE-TREAT SOIL UNDER NEW CONSTRUCTION FOR WOOD DESTROYING ORGANISMS PER IBC 1816.
- LANDSCAPING WILL BE INSPECTED BY LOCAL AUTHORITIES PRIOR TO THE ISSUANCE OF OCCUPANCY. REFERENCE LANDSCAPING PLANS FOR LANDSCAPING, HARDSCAPING, AND IRRIGATION REQUIREMENTS.



### ARCHITECTURAL SITE PLAN

SCALE: 1/16" = 1'-0"





New Location for:  
**Smalls Sliders**  
 330 N. Cedar Bluff Road  
 Knoxville, TN



130 Regional Park Dr.  
 Kingsport, TN 37660  
 Phn (423) 349-7760  
 Fax (423) 349-7413  
 www.grcinc.com

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no.	date	rev.	description

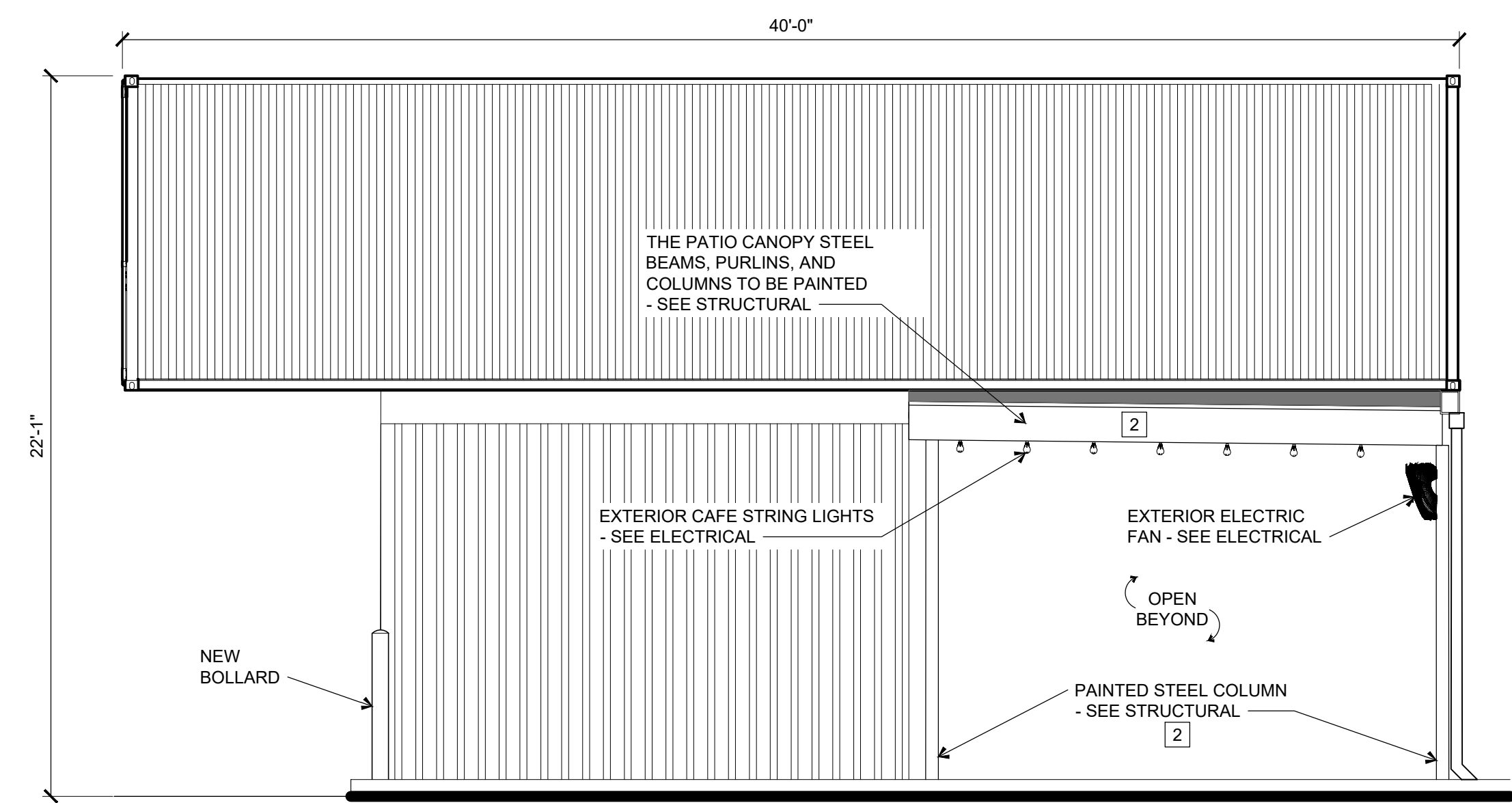
PROGRESS PRINT  
 3/30/2026  
 NOT FOR CONSTRUCTION

issued	TBD
checked	CDR
drawn	CDR
project no.	202618

CANOPY ELEVATIONS

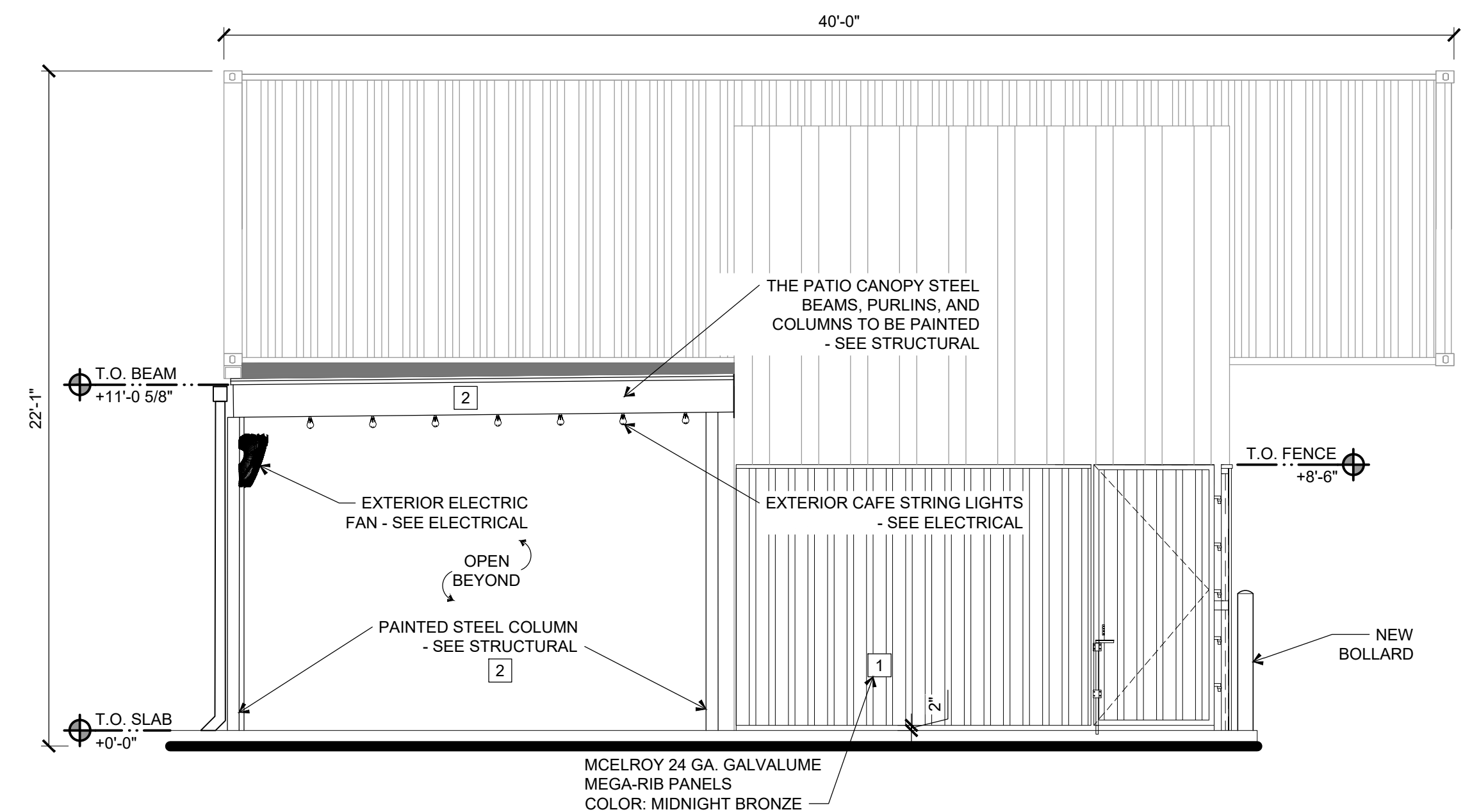
**A-21**

EXTERIOR FINISH LEGEND			
MARK	DESCRIPTION	COLOR	DESCRIPTION
1	METAL SIDING	MIDNIGHT BRONZE	MCELROY 24 GA. GALVALUME MEGA-RIB PANELS
2	PAINTED STEEL	SLIDER'S COLOR ORANGE	COMM. GRADE EXTERIOR PAINT FOR FERROUS METALS



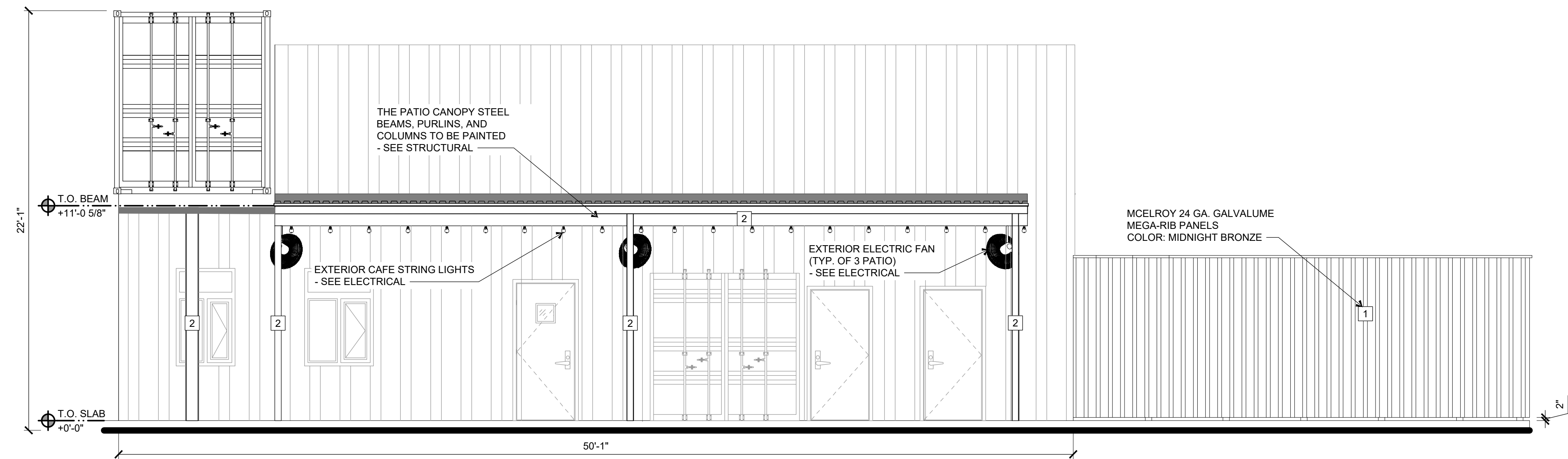
**BUILDING ELEVATION**  
 SCALE: 1/4" = 1'-0"

C  
 A-21



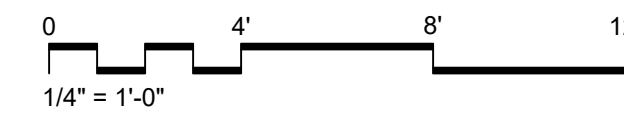
**BUILDING ELEVATION**  
 SCALE: 1/4" = 1'-0"

B  
 A-21



**BUILDING ELEVATION**  
 SCALE: 1/4" = 1'-0"

A  
 A-21





### D-Series Size 1 LED Area Luminaire

**FIXTURE TYPE P2**

**Specifications**

EPA: 0.69 ft<sup>2</sup> (0.06 m<sup>2</sup>)  
 Length: 32.71" (83.1 cm)  
 Width: 14.26" (36.2 cm)  
 Height H1: 7.88" (20.0 cm)  
 Height H2: 2.73" (6.9 cm)  
 Weight: 34 lbs (15.4 kg)

**Introduction**  
 The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

**Ordering Information** EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color temperature <sup>1</sup>	Color Rendering Index <sup>2</sup>	Distribution	Voltage	Mounting
DSX1 LED	<b>Forward optics</b> (this section 70CRI only)					
	P1	P6	30K 3000K	70CRI	AFR	Automotive front row
	P2	P7	40K 4000K	70CRI	T1S	Type I short
	P3	P8	50K 5000K	70CRI	T16L	Type I low glare <sup>3</sup>
	P4	P9	27K 2700K	80CRI	T2M	Type II medium
	P5	P10	30K 3000K	80CRI	T2M	Type II medium
	P6	P11	35K 3500K	80CRI	T2M	Type II medium
	P7	P12	40K 4000K	80CRI	T2M	Type II medium
	P8	P13	50K 5000K	80CRI	T2M	Type II medium
	<b>Rotated optics</b>					
	P10*	P12*	40K 4000K	80CRI	T4L	Type IV low glare <sup>3</sup>
	P11*	P13*	50K 5000K	80CRI	T4L	Type IV low glare <sup>3</sup>
<b>Other options</b>						
SPD20V 20V surge protection						
H5 House-side shield (black finish standard) <sup>10</sup>						
L90 Left rotated optics <sup>1</sup>						
R90 Right rotated optics <sup>1</sup>						
CCE Coastal Construction <sup>10</sup>						
HA 50°C ambient operation <sup>10</sup>						
BAA Buy America(s) Act and/or Build America Buy America Qualified						
SF Single face (120, 272, 347V) <sup>9</sup>						
DF Double face (208, 240, 480V) <sup>9</sup>						
<b>Shipped separately</b>						
EGSR External Glare Shield (reversible, field install required, matches housing finish)						
BSDB Bird Spikes (field install required)						

**Control options**

**Shipped installed**

NLTAIR2 PIRHN 4-light AIG gen 2 enabled with 14 level motor/ambient sensor, 8-40 mounting height, ambient sensor enabled at 26"<sup>11, 12, 13</sup>

PIR High/low motor/ambient sensor, 8-40 mounting height, ambient sensor enabled at 26"<sup>11, 12, 13</sup>

PER NEMA twist-lock receptacle only (controls ordered separately)<sup>11</sup>

PERS Five-pin receptacle only (controls ordered separately)<sup>11</sup>

**Finish options**

DDKD Dark Bronze  
 DRXD Black  
 DNAXD Natural Aluminum  
 DWHXD White  
 DRBXD Textured dark bronze  
 DBKXD Textured black  
 DNAXD Textured natural aluminum  
 DWHXD Textured white

**Design Select**  
 Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit [www.acuitybrands.com/designselect](http://www.acuitybrands.com/designselect). \*See ordering tree for details.

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### D-Series Size 1 LED Area Luminaire

**FIXTURE TYPE P1**

**Specifications**

EPA: 0.69 ft<sup>2</sup> (0.06 m<sup>2</sup>)  
 Length: 32.71" (83.1 cm)  
 Width: 14.26" (36.2 cm)  
 Height H1: 7.88" (20.0 cm)  
 Height H2: 2.73" (6.9 cm)  
 Weight: 34 lbs (15.4 kg)

**Introduction**  
 The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

**Ordering Information** EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color temperature <sup>1</sup>	Color Rendering Index <sup>2</sup>	Distribution	Voltage	Mounting
DSX1 LED	<b>Forward optics</b> (this section 70CRI only)					
	P1	P6	30K 3000K	70CRI	AFR	Automotive front row
	P2	P7	40K 4000K	70CRI	T1S	Type I short
	P3	P8	50K 5000K	70CRI	T16L	Type I low glare <sup>3</sup>
	P4	P9	27K 2700K	80CRI	T2M	Type II medium
	P5	P10	30K 3000K	80CRI	T2M	Type II medium
	P6	P11	35K 3500K	80CRI	T2M	Type II medium
	P7	P12	40K 4000K	80CRI	T2M	Type II medium
	P8	P13	50K 5000K	80CRI	T2M	Type II medium
	<b>Rotated optics</b>					
	P10*	P12*	40K 4000K	80CRI	T4L	Type IV low glare <sup>3</sup>
	P11*	P13*	50K 5000K	80CRI	T4L	Type IV low glare <sup>3</sup>
<b>Other options</b>						
SPD20V 20V surge protection						
H5 House-side shield (black finish standard) <sup>10</sup>						
L90 Left rotated optics <sup>1</sup>						
R90 Right rotated optics <sup>1</sup>						
CCE Coastal Construction <sup>10</sup>						
HA 50°C ambient operation <sup>10</sup>						
BAA Buy America(s) Act and/or Build America Buy America Qualified						
SF Single face (120, 272, 347V) <sup>9</sup>						
DF Double face (208, 240, 480V) <sup>9</sup>						
<b>Shipped separately</b>						
EGSR External Glare Shield (reversible, field install required, matches housing finish)						
BSDB Bird Spikes (field install required)						

**Control options**

**Shipped installed**

NLTAIR2 PIRHN 4-light AIG gen 2 enabled with 14 level motor/ambient sensor, 8-40 mounting height, ambient sensor enabled at 26"<sup>11, 12, 13</sup>

PIR High/low motor/ambient sensor, 8-40 mounting height, ambient sensor enabled at 26"<sup>11, 12, 13</sup>

PER NEMA twist-lock receptacle only (controls ordered separately)<sup>11</sup>

PERS Five-pin receptacle only (controls ordered separately)<sup>11</sup>

**Finish options**

DDKD Dark Bronze  
 DRXD Black  
 DNAXD Natural Aluminum  
 DWHXD White  
 DRBXD Textured dark bronze  
 DBKXD Textured black  
 DNAXD Textured natural aluminum  
 DWHXD Textured white

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### D-Series Size 1 LED Area Luminaire

**FIXTURE TYPE P3**

**Specifications**

EPA: 0.69 ft<sup>2</sup> (0.06 m<sup>2</sup>)  
 Length: 32.71" (83.1 cm)  
 Width: 14.26" (36.2 cm)  
 Height H1: 7.88" (20.0 cm)  
 Height H2: 2.73" (6.9 cm)  
 Weight: 34 lbs (15.4 kg)

**Introduction**  
 The modern styling of the D-Series features a highly refined aesthetic that blends seamlessly with its environment. The D-Series offers the benefits of the latest in LED technology into a high performance, high efficacy, long-life luminaire. The photometric performance results in sites with excellent uniformity, greater pole spacing and lower power density. D-Series outstanding photometry aids in reducing the number of poles required in area lighting applications with typical energy savings of 65% and expected service life of over 100,000 hours.

**Ordering Information** EXAMPLE: DSX1 LED P7 40K 70CRI T3M MVOLT SPA NLTAIR2 PIRHN DDBXD

Series	LEDs	Color temperature <sup>1</sup>	Color Rendering Index <sup>2</sup>	Distribution	Voltage	Mounting
DSX1 LED	<b>Forward optics</b> (this section 70CRI only)					
	P1	P6	30K 3000K	70CRI	AFR	Automotive front row
	P2	P7	40K 4000K	70CRI	T1S	Type I short
	P3	P8	50K 5000K	70CRI	T16L	Type I low glare <sup>3</sup>
	P4	P9	27K 2700K	80CRI	T2M	Type II medium
	P5	P10	30K 3000K	80CRI	T2M	Type II medium
	P6	P11	35K 3500K	80CRI	T2M	Type II medium
	P7	P12	40K 4000K	80CRI	T2M	Type II medium
	P8	P13	50K 5000K	80CRI	T2M	Type II medium
	<b>Rotated optics</b>					
	P10*	P12*	40K 4000K	80CRI	T4L	Type IV low glare <sup>3</sup>
	P11*	P13*	50K 5000K	80CRI	T4L	Type IV low glare <sup>3</sup>
<b>Other options</b>						
SPD20V 20V surge protection						
H5 House-side shield (black finish standard) <sup>10</sup>						
L90 Left rotated optics <sup>1</sup>						
R90 Right rotated optics <sup>1</sup>						
CCE Coastal Construction <sup>10</sup>						
HA 50°C ambient operation <sup>10</sup>						
BAA Buy America(s) Act and/or Build America Buy America Qualified						
SF Single face (120, 272, 347V) <sup>9</sup>						
DF Double face (208, 240, 480V) <sup>9</sup>						
<b>Shipped separately</b>						
EGSR External Glare Shield (reversible, field install required, matches housing finish)						
BSDB Bird Spikes (field install required)						

**Control options**

**Shipped installed**

NLTAIR2 PIRHN 4-light AIG gen 2 enabled with 14 level motor/ambient sensor, 8-40 mounting height, ambient sensor enabled at 26"<sup>11, 12, 13</sup>

PIR High/low motor/ambient sensor, 8-40 mounting height, ambient sensor enabled at 26"<sup>11, 12, 13</sup>

PER NEMA twist-lock receptacle only (controls ordered separately)<sup>11</sup>

PERS Five-pin receptacle only (controls ordered separately)<sup>11</sup>

**Finish options**

DDKD Dark Bronze  
 DRXD Black  
 DNAXD Natural Aluminum  
 DWHXD White  
 DRBXD Textured dark bronze  
 DBKXD Textured black  
 DNAXD Textured natural aluminum  
 DWHXD Textured white

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### POLE BASE DETAIL

N.T.S.

**SITE-CAST OR PRECAST CONCRETE BASES ARE PERMITTED.**

ANCHOR BOLTS, BOLT SIZE, PROJECTION AND BOLT CIRCLE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION

SMOOTH FINISH ON EXPOSED SURFACE

FINISHED GRADE

30"

GROUNDING CONDUCTOR CONNECTION TO POLE

LIGHTING FIXTURE POLE WITH ANCHOR BOLT CONNECTION

NONSHRINK GROUT

1" CHAMFER

1" CONDUIT (MINIMUM) WITH BRANCH CIRCUIT AS SHOWN ON THE DRAWINGS

#2 AWG COPPER-GROUNDING CONDUCTOR

EXOTHERMIC WELD CONNECTION

3/4" X 8" DRIVEN GROUND ROD

CYLINDRICAL CONCRETE BASE WITH SIX #6 VERTICAL REINFORCING BARS AND #3 HORIZONTAL TIES AT 12" ON CENTER WIRE TIED TOGETHER AT 2" IN FROM OUTSIDE CONCRETE SURFACE.

FIXTURE TYPE	X	Y	Z
P1, P2, P3	2"	72"	24"

**Blaser Engineering**  
 398 Moore Street  
 Bristol, VA 24201  
 Phone: (423) 349-8380

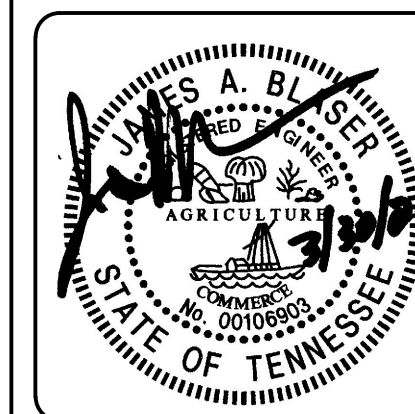
BLASER ENG JOB# 26-109

New Location for:  
**Smalls Sliders**  
 330 N. Cedar Bluff Road  
 Knoxville, TN

**Cain Rash West**  
 Architects  
 130 Regional Park Dr.  
 Kingsport, TN 37660  
 Phn (423) 349-7760  
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no.	date	rev.	description



issued 03-30-2026  
 checked J. BLASER  
 drawn J. BLASER  
 project no. 202618

POLE BASE DETAIL & FIXTURE CUTSHEETS

**E-04**