

# Construction Drawings for the DOROTHEA REDWINE PARK PHASE ONE

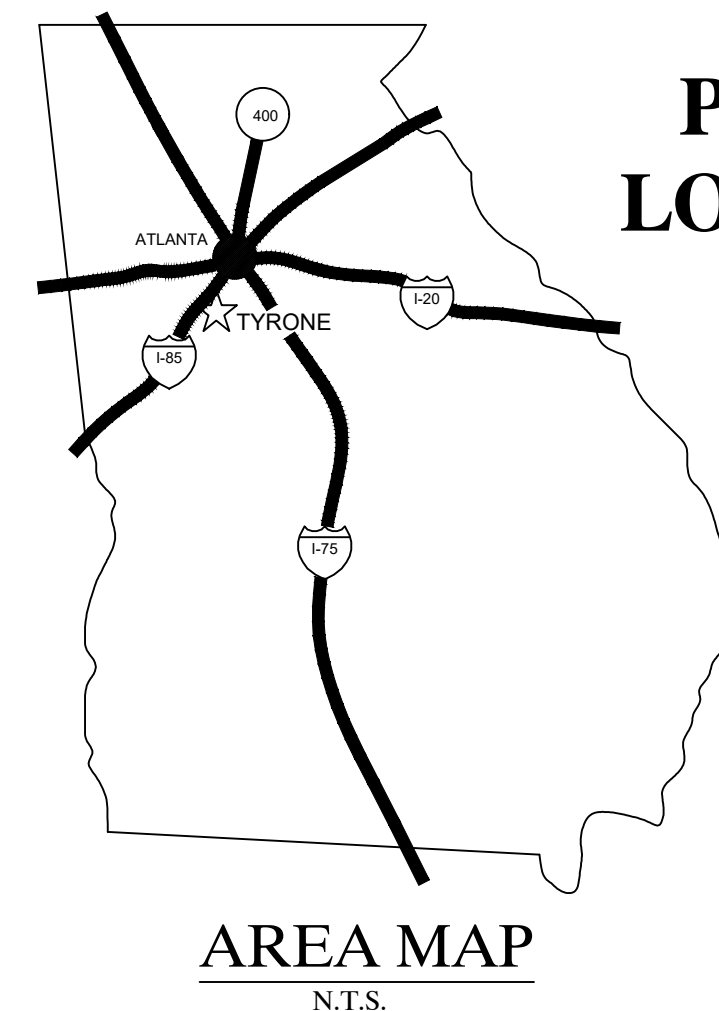
Town Project No.: PW-2022-12  
Tyrone, Georgia  
October 21, 2022

**OWNED BY:**  
Town of Tyrone  
950 Senoia Road  
Tyrone, Georgia 30290  
(770) 487-4038

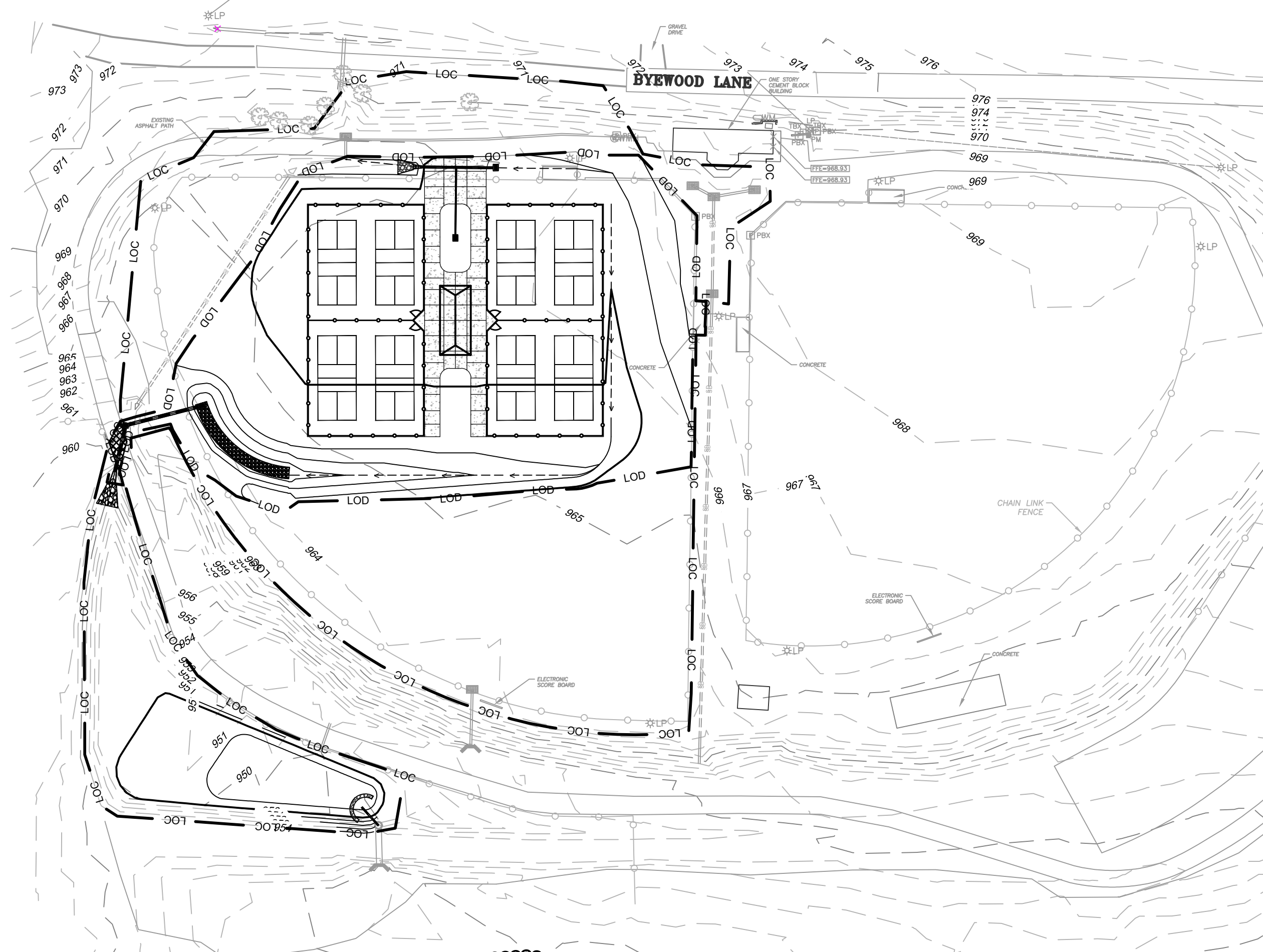
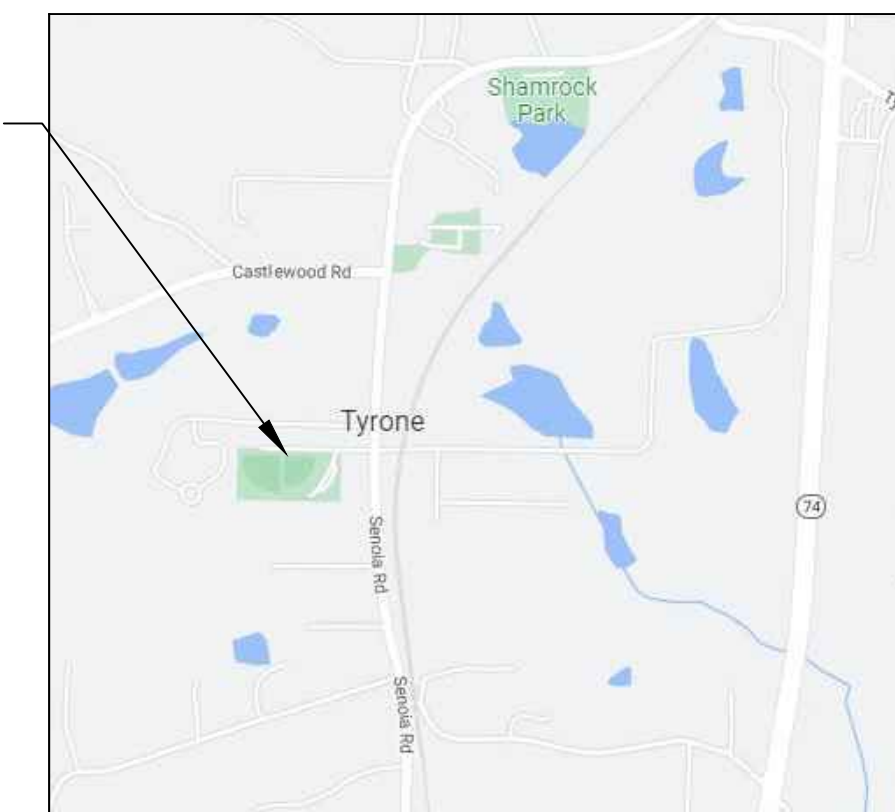
**DEVELOPED BY:**  
Keck & Wood, Inc.  
445 Jeff Davis Drive N.  
Suites B & C  
Fayetteville, Georgia 30214  
(470) 598-1800

THE HORIZONTAL DATUM FOR THIS SURVEY IS  
NAD83 GEORGIA COORDINATE SYSTEM, WEST  
ZONE. VERTICAL DATUM USED IS NAVD88.

BASED ON SURVEY BY:  
ROCHESTER & ASSOCIATES  
286 HIGHWAY 314, SUITE A  
FAYETTEVILLE, GA 30214  
EMAIL: JNCOLLINS@ROCHESTER-ASSOC.COM  
PHONE: 770-718-0600  
DATE: 06/24/2022

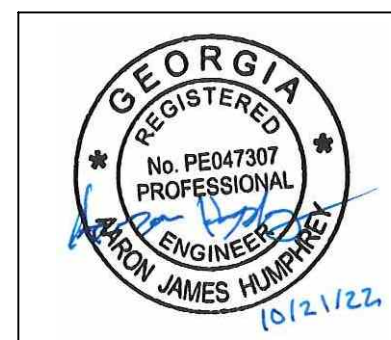


**PROJECT  
LOCATION**



**SITE PLANS**

SHEET NUMBER	SHEET TITLE
C.0.0	COVER SHEET
C.0.1	GENERAL NOTES AND LEGEND
C.1.0	TOPOGRAPHICAL SURVEY
C.2.0	SITE DEMOLITION PLAN
C.3.0	SITE PLAN
C.4.0	GRADING PLAN
C.5.0	STORM SEWER PLAN
C.5.1	DRAINAGE PROFILES
D.1.0	CONSTRUCTION DETAILS
D.2.0	CONSTRUCTION DETAILS
D.3.0	CONSTRUCTION DETAILS
D.4.0	CONSTRUCTION DETAILS
D.5.0	SHELTER DETAILS
EC.1.0	ESPCP COVER
EC.1.1	ESPCP NOTES
EC.1.2	ESPCP NOTES & LEGEND
EC.1.3	ESPCP - PHASE 1
EC.1.4	ESPCP - PHASE 2
EC.1.5	ESPCP - PHASE 3
EC.1.6	ESPCP DETAILS
EC.1.7	ESPCP DETAILS
L.1.0	LANDSCAPE PLAN
L.2.0	LANDSCAPE DETAILS



NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
TYRONE, GEORGIA  
TOWN PROJECT NO.: PW-2022-12  
**COVER SHEET**

THIS BAR IS  
1 INCH LONG  
PLOTTED FULL SCALE

Project Manager:  
SAM SERIO, P.E.  
Drawn By: BAF  
Checked By: AJH  
Date: 10/21/2022  
Scale: As Shown

Project No.:  
**220265**  
Drawing No.:  
**C.0.0**



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

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GENERAL CONSTRUCTION NOTES:

- 1. CONTRACTOR TO CONTACT 811 TO REQUEST LOCATES OF UNDERGROUND UTILITIES IN THE AREA PRIOR TO COMMENCING CONSTRUCTION.
2. UTILITIES SHOWN ON PLANS ARE APPROXIMATELY LOCATED. ALL EXISTING UTILITIES MAY NOT HAVE BEEN FIELD LOCATED. UTILITIES ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR VERIFYING THE LOCATION OF AND PRESERVING ALL UTILITIES INCLUDING THOSE NOT SHOWN OR INCORRECTLY SHOWN ON THE PLANS.
3. CONTRACTOR TO FIELD VERIFY LOCATIONS AND ELEVATION OF EXISTING IMPROVEMENTS WHICH EFFECT NEW WORK PRIOR TO COMMENCING CONSTRUCTION. CONTRACTOR TO NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES EXIST.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION & PROTECTION OF EXISTING ABOVE AND BELOW GRADE UTILITIES AND STRUCTURES. ANY AND ALL MAINS OR INDIVIDUAL SERVICES PRESENTLY IN SERVICE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER OR UTILITY PROVIDER.
5. CONTRACTOR IS TO MAINTAIN ALL UTILITY SERVICES INCLUDING BUT NOT LIMITED TO WATER, SANITARY SEWER, STORM SEWER, NATURAL GAS, ELECTRIC, AND TELEPHONE AT ALL TIMES DURING CONSTRUCTION EXCEPT WHERE IDENTIFIED ON PLANS.
6. CONTRACTOR IS TO KEEP ALL PARKING AREAS, ALLEYS, AND STREETS ADJACENT TO THE CONSTRUCTION SITE CLEAN AT ALL TIMES DURING CONSTRUCTION, UNLESS GRANTED PERMISSION PRIOR TO CONSTRUCTION.
7. CONTRACTOR IS TO ADJUST THE ELEVATION OF THE RINGS AND COVERS OF ALL EXISTING UTILITIES WHICH ARE TO REMAIN TO MATCH THE NEW SURROUNDING GRADES.
8. ALL SIGNS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED AS NEEDED FOR THE CONSTRUCTION AND REPLACED AS SOON AS PRACTICAL.
9. SIGNING OF THE CONSTRUCTION AREA SHALL COMPLY WITH THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS". ALL SIGNAGE INCLUDING REGULATORY AND WARNING SIGNS WHICH ARE OWNED AND MAINTAINED BY THE SCDOT ARE TO REMAIN THROUGHOUT THE DEMOLITION AND CONSTRUCTION PHASES. ALL SIGNS WHICH NEED TO BE REMOVED ARE TO BE RELOCATED IMMEDIATELY.
10. CONTRACTOR TO MATCH EXISTING FINISHES ON ALL ASPHALT AND CONCRETE SURFACES.
11. ALL PIPE ELEVATIONS SHOWN ARE TO THE INVERT UNLESS NOTED OTHERWISE.
12. THE USE OF PRECAST STRUCTURES FOR STORM SEWER IMPROVEMENTS WILL BE DONE SO AT THE CONTRACTOR'S RISK. NO ADDITIONAL PAYMENT WILL BE MADE FOR A REPLACEMENT STRUCTURE DUE TO UTILITY CONFLICTS.

1 GENERAL CONSTRUCTION NOTES

DEMOLITION NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR COMPLETELY DEMOLISHING ALL NECESSARY CURB & GUTTER, ASPHALT PAVEMENT, ASPHALT STONE BASE, AND OTHER ITEMS IDENTIFIED ON THE CONSTRUCTION DRAWINGS IN ORDER TO COMPLETE THE PROJECT.
2. ALL DEMOLITION AND CONSTRUCTION DEBRIS IS TO BE LEGALLY DISPOSED OF OFF SITE.
3. CONTRACTOR IS TO MAINTAIN UTILITY SERVICES, INCLUDING WATER, SANITARY SEWER, STORM SEWER, NATURAL GAS, ELECTRIC AND TELEPHONE AT ALL TIMES DURING CONSTRUCTION EXCEPT WHERE IDENTIFIED ON PLANS. COORDINATE WITH UTILITY PROVIDERS IF NECESSARY.
4. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE LOCATION & PROTECTION OF EXISTING ABOVE AND BELOW GRADE UTILITIES. UTILITIES PRESENTLY IN SERVICE WHICH ARE DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED IMMEDIATELY AT NO ADDITIONAL EXPENSE TO THE OWNER OR UTILITY PROVIDER.
5. CONTRACTOR TO BARRICADE THE DEMOLITION AREA TO PREVENT PEDESTRIANS AND MOTORIST FROM ENTERING THE AREA.
6. CONTRACTOR TO REMOVE ALL TREES, SHRUBS, OR OTHER VEGETATION WITHIN DEMOLITION LIMITS UNLESS OTHERWISE NOTED.
7. CONTRACTOR TO SAW CUT ALL CONCRETE AND ASPHALT THAT IS TO BE REMOVED TO ENSURE A SMOOTH TRANSITION BETWEEN NEW AND EXISTING SURFACES.
8. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY FEATURES DAMAGED DURING CONSTRUCTION NOT INTENDED FOR DEMOLITION; INCLUDING, BUT NOT LIMITED TO, PAVEMENT, CURBS, LANDSCAPING, SIGNS, OR HARDSCAPE ITEMS. THE CONTRACTOR SHALL REPAIR DAMAGED FEATURES TO ORIGINAL CONDITION OR BETTER AT CONTRACTORS EXPENSE.

2 DEMOLITION NOTES

ROADWAY NOTES:

- 1. ALL PROOF ROLLS WILL BE CONDUCTED BETWEEN THE HOURS OF 8:00 AM AND 5:00 PM MONDAY - FRIDAY.
2. PROOF ROLL WILL BE REDONE IF THE PROJECT IS RAINED ON BEFORE ANY CONCRETE, STONE, OR ASPHALT IS PLACED.
3. THE CONTRACTOR SHALL SCHEDULE PROOF ROLL WITH OWNER AND A GEOTECHNICAL ENGINEER OR HIS OR HER REPRESENTATIVE.
4. UNDERCUTTING UNSUITABLE MATERIAL IS ACCEPTABLE, USING ONLY APPROVED FILL.
5. ANY FIELD CHANGES MUST BE APPROVED BY THE ENGINEER OF RECORD.
6. GEOTECHNICAL/COUNTY ENGINEER WILL HAVE THE FINAL DECISION ON ALL PROOF ROLLS.

3 ROADWAY NOTES

PAVEMENT MARKING NOTES:

- 1. ALL SIGNS AND PAVEMENT MARKINGS SHALL CONFORM TO STANDARDS AS OUTLINED IN THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS".
2. EXISTING PAVEMENT MARKINGS ARE NOT SHOWN. ALL NEW PAVEMENT MARKINGS SHALL TIE INTO EXISTING MARKINGS.
3. EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE OBLITERATED. OBLITERATION OF PAVEMENT MARKINGS SHALL ERADICATE MARKINGS TO THE EXTENT THAT THE RESULTING FINISH WILL NOT DELINEATE THE PREVIOUS MARKINGS UNDER ANY LIGHTING OR WEATHER CONDITIONS. THE METHOD USED SHALL IN NO WAY MATERIALLY DAMAGE THE SURFACE OR TEXTURE OF THE PAVEMENT. BLACK PAINT AND LIQUID ASPHALT SHALL NOT BE USED.
4. ALL PAVEMENT MARKINGS AND SYMBOLS INTERIOR TO SITE SHALL BE PAINTED WITH A DRIED THICKNESS OF 15 MILS.

4 PAVEMENT MARKING NOTES

GRADING NOTES:

- 1. ALL FINISHED GRADES SHALL BE BELOW FFE OF EXISTING BUILDINGS AND STRUCTURES TO ALLOW FOR PROPER DRAINAGE.
2. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE IN ALL HARDSCAPE, LANDSCAPE, AND TURF AREAS. NO PONDING SHALL OCCUR.
3. WHERE PROPOSED AND EXISTING GRADES MEET, TRANSITIONS SHALL BE SMOOTH AND BLEND NATURALLY TO THE EXISTING TOPOGRAPHY.
4. ALL TURF AREAS SHALL BE GRADED SMOOTHLY TO PREVENT SCALPING WHEN MOWED.

5 GRADING NOTES

- 1. CONSTRUCTION STAGING SHALL BE LOCATED IN PARKING LOT TO THE EAST OF THE SITE UNLESS AN ALTERNATE LOCATION IS AGREED UPON WITH THE TOWN OF TYRONE PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL NOT BLOCK BYEWOOD LANE OR ANY DRIVEWAYS ALONG THE ROAD. ALL PARKING SHALL BE IN PARKING LOT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SECURITY ON THE SITE.
3. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE. NO PONDING SHALL OCCUR.
4. THE CONTRACTOR SHALL ENSURE POSITIVE AND ADEQUATE DRAINAGE IS MAINTAINED AT ALL TIMES WITHIN THE PROJECT LIMITS.
5. THE CONTRACTOR SHALL STRICTLY ADHERE TO DUST CONTROL REGULATIONS. ALL AREAS SUBJECT TO DUST FORMATION MUST BE PERIODICALLY WATERED SUFFICIENT TO RETARD DUST.
6. TYPE OF GRASS OR SOD USED ON THIS PROJECT WILL BE REQUIRED TO MATCH TYPE OF GRASS OR SOD WHICH MAY BE PLANTED AND GROWING ON THE ADJACENT LAWN. I.E. BERMUDA SOD FOR BERMUDA SOD, ZOYSIA FOR ZOYSIA ETC.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FURNISH SUITABLE BORROW MATERIAL FOR THE PROJECT AND DISPOSE OF ANY UNSUITABLE OR WASTE MATERIAL.
8. CONTRACTOR SHALL COORDINATE WITH THE TOWN OF TYRONE PUBLIC WORKS FOR REPAIR AND REPLACEMENT OF EXISTING UNDERGROUND UTILITIES AS NEEDED. CONTRACTOR TO ENSURE ALL BACKFILL MEETS MINIMUM COMPACTION REQUIREMENTS.
9. CONTRACTOR TO ENSURE THAT ALL PROPOSED CONCRETE IS FINISHED TO THE SATISFACTION OF THE TOWN OF TYRONE. CONTRACTOR TO COORDINATE WITH THE TOWN OF TYRONE AND ENGINEER TO REVIEW THE FIRST CONCRETE POUR, PRIOR TO MOVING FORWARD WITH THE REMAINING CONCRETE PLACEMENT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A MARKED-UP SET OF DESIGN DRAWINGS SHOWING "AS-BUILT" CONDITIONS. THESE "RECORD DRAWINGS" SHALL BE MADE AVAILABLE TO THE DESIGNER, OWNER, AND/OR THE INSPECTOR UPON REQUEST. THE MARK-UPS SHALL BE KEPT AT THE SITE AT ALL TIMES DURING CONSTRUCTION AND PROVIDED TO THE OWNER AT THE END OF CONSTRUCTION.
11. COMPACTION REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
12. DEMOLITION DEBRIS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE CONTRACT OR PROJECT SPECIFICATIONS. ALL WASTE SOILS, VEGETATION, AND OTHER DELETERIOUS MATERIALS SHALL BE HAULED OFF-SITE AND DISPOSED OF AT AN APPROVED LOCATION IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BURNING WILL NOT BE ALLOWED ON THIS PROJECT UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE TOWN.
13. ANY DISTURBANCE OF THE EXISTING POND IS CONSIDERED TO BE POND MAINTENANCE AND IS NOT INCLUDED IN THE OVERALL DISTURBED AREA.
14. GRADING COMPLETE INCLUDES BUT IS NOT LIMITED TO MOBILIZATION, CLEARING, GRUBBING, GRADING, DEMOLITION, TEMPORARY MEASURES, SAWCUTTING PAVEMENT, REMOVAL OF TREES AND STUMPS, REMOVAL OR CURB AND PAVEMENT, ADJUSTING MANHOLES, WATER VALVES, WATER METERS, AND OTHER UTILITIES TO FINISHED GRADE, CONSTRUCTION TESTING, REPLACEMENT OF PROPERTY OWNER FEATURES DAMAGED OR REMOVED DURING CONSTRUCTION (THIS INCLUDES ITEMS INSIDE AND OUTSIDE THE CONSTRUCTION LIMITS). ANY ITEM NOT SPECIFIED SHALL BE CONSIDERED INCIDENTAL TO THE WORK AND SHALL BE INCLUDED IN THE LUMP SUM PRICE FOR GRADING COMPLETE.

6 ADDITIONAL NOTES

Table with columns for EXISTING and PROPOSED symbols for SANITARY SEWER, POTABLE WATER, STORM SEWER, GRADING / EROSION CONTROL, and SURVEY.

Table with columns for EXISTING and PROPOSED symbols for DRY UTILITIES, SITE PLAN, LANDSCAPING, TREES, and SURVEY.

Table with columns for EXISTING and PROPOSED symbols for OTHER LINE TYPES.

Keck+Wood COLLABORATION BY DESIGN logo and contact information.

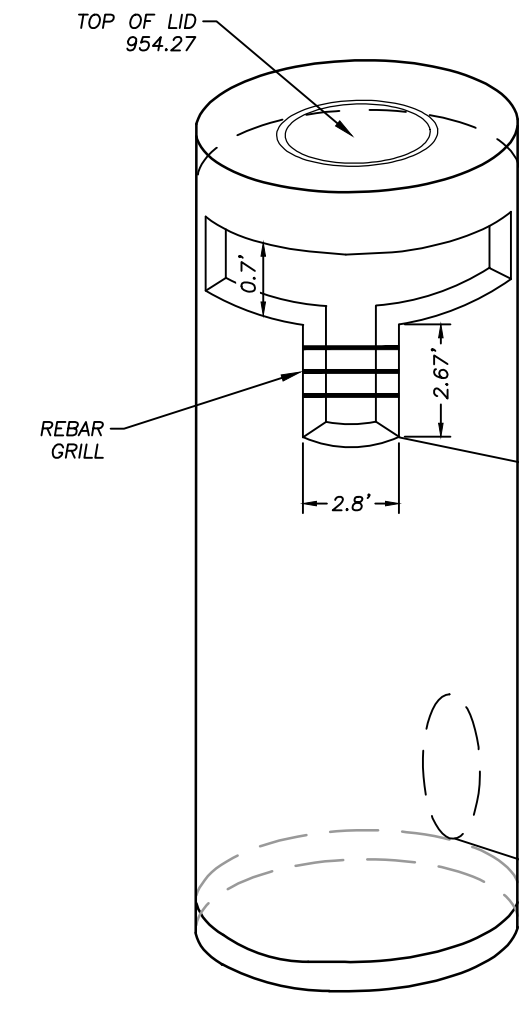
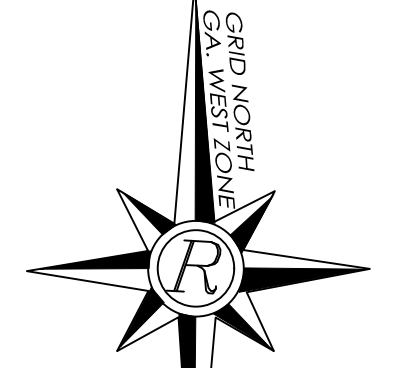
Professional Engineer seal for Nathan James Hamrick, Georgia Registered Professional Engineer No. PE47307.

Revision table with columns for NO., DATE, and REVISION.

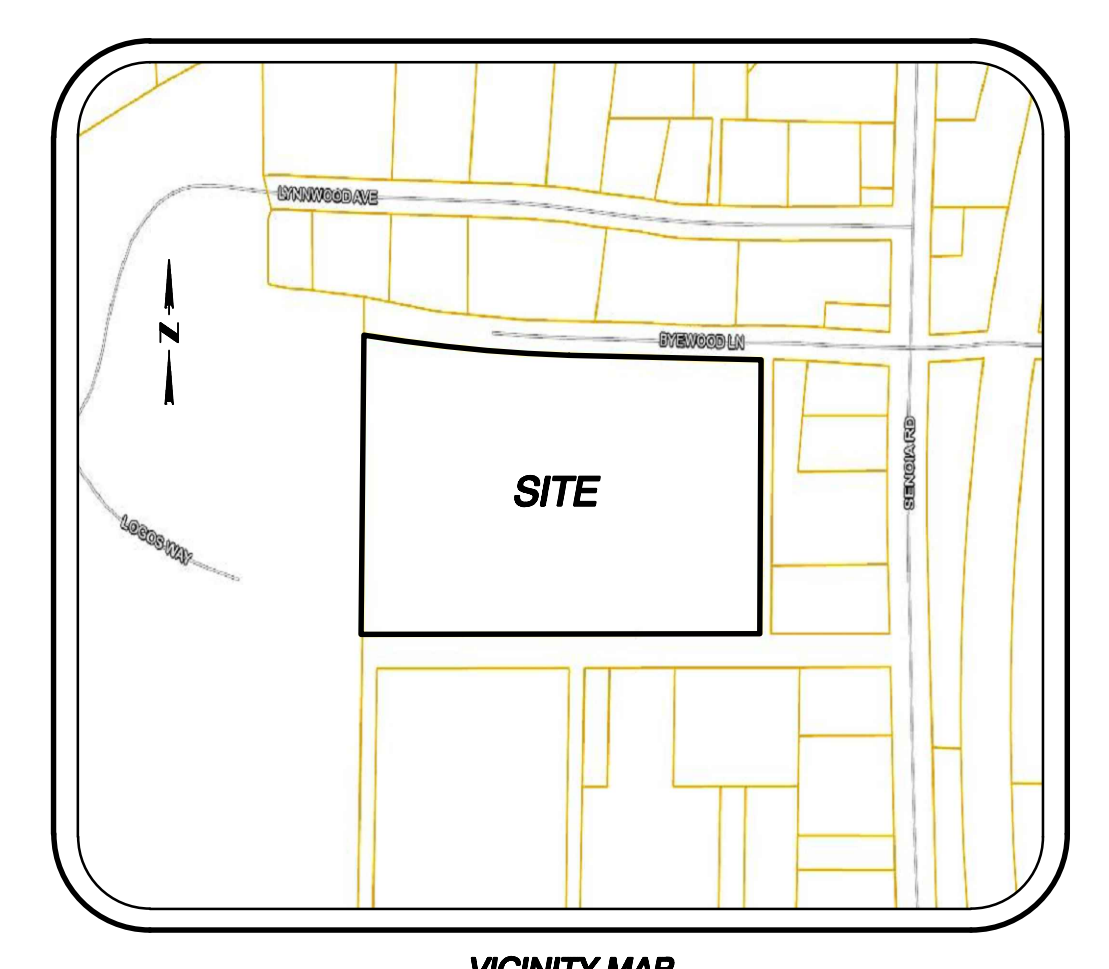
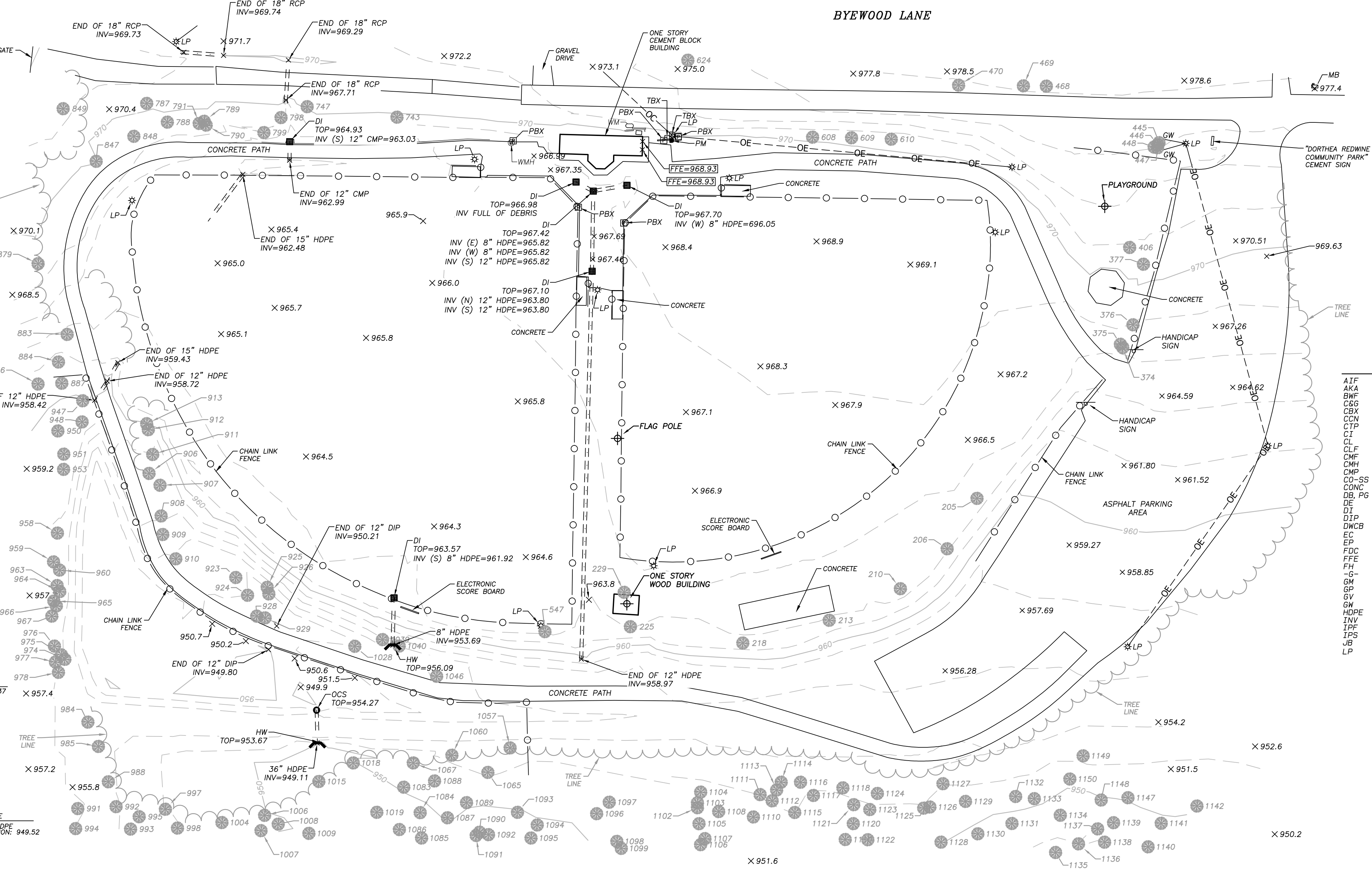
Project title: DOROTHEA REDWINE PARK - PHASE ONE, TYRONE, GEORGIA, TOWN PROJECT NO.: PW-2022-12. Includes 'GENERAL NOTES AND LEGEND'.

Scale bar: THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE. Project Manager: SAM SERIO, P.E. Date: 10/21/2022. Project No.: 220265. Drawing No.: C.0.1.

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AS-BUILT OUTLET CONTROL STRUCTURE  
NOT TO SCALE



VICINITY MAP  
SCALE: NTS

LEGEND

- AI F - ANGLE IRON FOUND
AKA - ALSO KNOWN AS
BNF - BARBED WIRE FENCE
CBX - CURB & GUTTER
CCN - CONCRETE NAIL
CTP - CRIMPED TOP PIPE
CI - CURB INLET
CL - CENTERLINE
CLF - CHAIN LINK FENCE
CMF - CONCRETE MONUMENT FOUND
CHM - COMMUNICATION MANHOLE
CMP - CORRUGATED METAL PIPE
CO-SS - CLEANOUT-SANITARY SEWER
CONC - CONCRETE
DB, PG - DEED BOOK PAGE
DE - DRAINAGE EASEMENT
DI - DUCTILE IRON PIPE
DWCB - DOUBLE-WING CATCH BASIN
EG - EDGE OF PAVEMENT
FDC - FIRE DEPARTMENT CONNECTION
FFE - FINISHED FLOOR ELEVATION
FH - FIRE HYDRANT
G- - GAS VALVE
GW - GUY WIRE
HDPE - HIGH DENSITY POLYPROPYLENE PIPE
INV - INVERT
IPF - IRON PIN FOUND
IPS - IRON PIN SET (1/2" REBAR)
JWB - JUNCTION BOX
LP - LIGHT POLE
MH - MANHOLE
MON - MONUMENT
N/F - NOW OR FORMERLY
OC- - OVERHEAD COMMUNICATION LINE
OE- - OVERHEAD ELECTRICAL LINE
P/T - POWER & TELEPHONE LINE
PBX - POWER BOX
PL - PROPERTY LINE
PMB - POWER METER
POB - POINT OF BEGINNING
PP - POWER POLE
P/P - POWER & LIGHT POLE
PTLP - POWER, TELEPHONE & LIGHT POLE
PTP - POWER & TELEPHONE POLE
PVC - POLYVINYLCHLORIDE PIPE
PVM - PAVEMENT
RCP - REINFORCED CONCRETE PIPE
R/W - RIGHT OF WAY
S - SANITARY SEWER LINE
SSE - SANITARY SEWER EASEMENT
SWM - SINGLE-WING CATCH BASIN
TBM - TEMPORARY BENCHMARK
TBX - TELEPHONE BOX
TLM - TELEPHONE MANHOLE
TH - TELEPHONE POLE
TOB - POINT OF BEGINNING (TYP.)
TYP - TYPICAL
U- - UNDERGROUND COMMUNICATION
UE - UNDERGROUND ELECTRIC
WI - WEIR INLET
WL - WATER LINE
WM - WATER METER
WV - WATER VALVE
WJM - WATER JUNCTION MANHOLE
X196.00 - GROUND SHOT

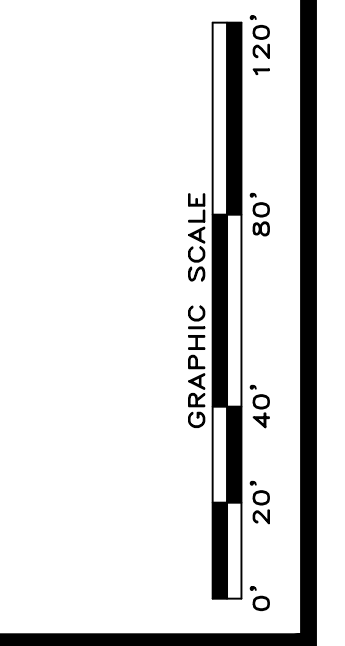
SURVEY NOTES

- 1. THE FIELD DATA WAS COLLECTED ON 6/20/22 & 6/21/22. A TRIMBLE S-SERIES ROBOTIC TOTAL STATION WAS USED FOR ANGULAR AND LINEAR MEASUREMENTS.
2. THE HORIZONTAL DATUM FOR THIS SURVEY IS THE NORTH AMERICAN DATUM OF 1983 (NAD 83 GEORGIA WEST ZONE) AND THE VERTICAL DATUM USED IS THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88) AS DETERMINED BY UTILIZING GPS. THE EQUIPMENT USED TO OBTAIN THIS DATA WAS A DUAL FREQUENCY TRIMBLE R10 GNSS GPS RECEIVER WITH A TRIMBLE TSC7 DATA COLLECTOR RECEIVING RTK CORRECTIONS VIA A WIRELESS NETWORK FROM BASE STATIONS OPERATED BY TRIMBLE NAVIGATION. THE AVERAGE RELATIVE POSITIONAL ACCURACY OBTAINED ON THE POSITIONS UTILIZED IN THIS SURVEY WAS 0.04 FT. HORIZONTAL AND 0.07 FT. VERTICAL. THESE VALUES WERE DERIVED FROM GPS PROCESSING SOFTWARE. THE REMAINDER OF THE FIELD WORK WAS PERFORMED WITH CONVENTIONAL EQUIPMENT AS DESCRIBED ABOVE.
3. THE UTILITIES SHOWN HEREON HAVE BEEN LOCATED FROM ABOVE GROUND, VISIBLE EVIDENCE. THE SURVEYOR MAKES NO GUARANTEE THAT THE UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.
4. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A CURRENT TITLE COMMITMENT; THEREFORE EXCEPTION IS MADE HEREIN TO ANY EASEMENTS, RESERVATIONS, RIGHTS OF WAY AND RESTRICTIONS OF RECORD WHICH MAY EXIST. FURTHERMORE, THIS PROPERTY MAY BE SUBJECT TO EASEMENTS, RESERVATIONS, RIGHTS OF WAY, OR RESTRICTIONS, WHICH ARE NOT RECORDED OR NOT DISCLOSED BY THE TITLE COMMITMENT OR OTHERWISE UNKNOWN TO THE SURVEYOR; THEREFORE EXCEPTION IS TAKEN TO ANY SUCH ITEMS.
5. THIS PROPERTY MAY OR MAY NOT CONTAIN WETLAND AREAS. NO EFFORTS HAVE BEEN MADE BY THE SURVEYOR TO IDENTIFY OR LOCATE ANY WETLAND AREAS ON THIS PROPERTY. A QUALIFIED WETLAND SPECIALIST PRIOR TO ANY LAND DISTURBANCE SHOULD PERFORM WETLAND IDENTIFICATION AND DELINEATION.
6. NO PORTION OF THIS PROPERTY IS LOCATED IN A FLOOD HAZARD ZONE PER F.E.M.A. INSURANCE RATE MAP OF TOWN OF TYRONE AND FAYETTE COUNTY, GEORGIA, MAP NO. 131J300076E, REVISED DATE SEPTEMBER 26, 2008.
7. THIS SURVEY COMPLIES WITH BOTH THE RULES OF THE GEORGIA BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS AND THE OFFICIAL CODE OF GEORGIA ANNOTATED (OCGA) 15-6-67 AS AMENDED BY HB76 (2017), IN THAT WHERE A CONFLICT EXISTS BETWEEN THOSE TWO SETS OF SPECIFICATIONS, THE REQUIREMENTS OF LAW PREVAIL.
8. THIS PLAT IS FOR THE EXCLUSIVE USE OF THE ENTITIES SHOWN HEREON; ANY USE BY THIRD PARTIES IS AT THEIR OWN RISK.
9. ALL DISTANCES AS SHOWN ARE HORIZONTAL GROUND DISTANCES IN U.S. SURVEY FEET (39.37 INCHES = 1 METER).
10. CONTOUR INTERVAL IS 2 FEET.

Table with 4 columns: PNT NO, NORTHING, EASTING, ELEVATION, DESCRIPTION. It lists survey points with their coordinates and the type of vegetation found at each point, such as Water Oak, Sweetgum, Pine, Hickory, Pecan, and Poplar.

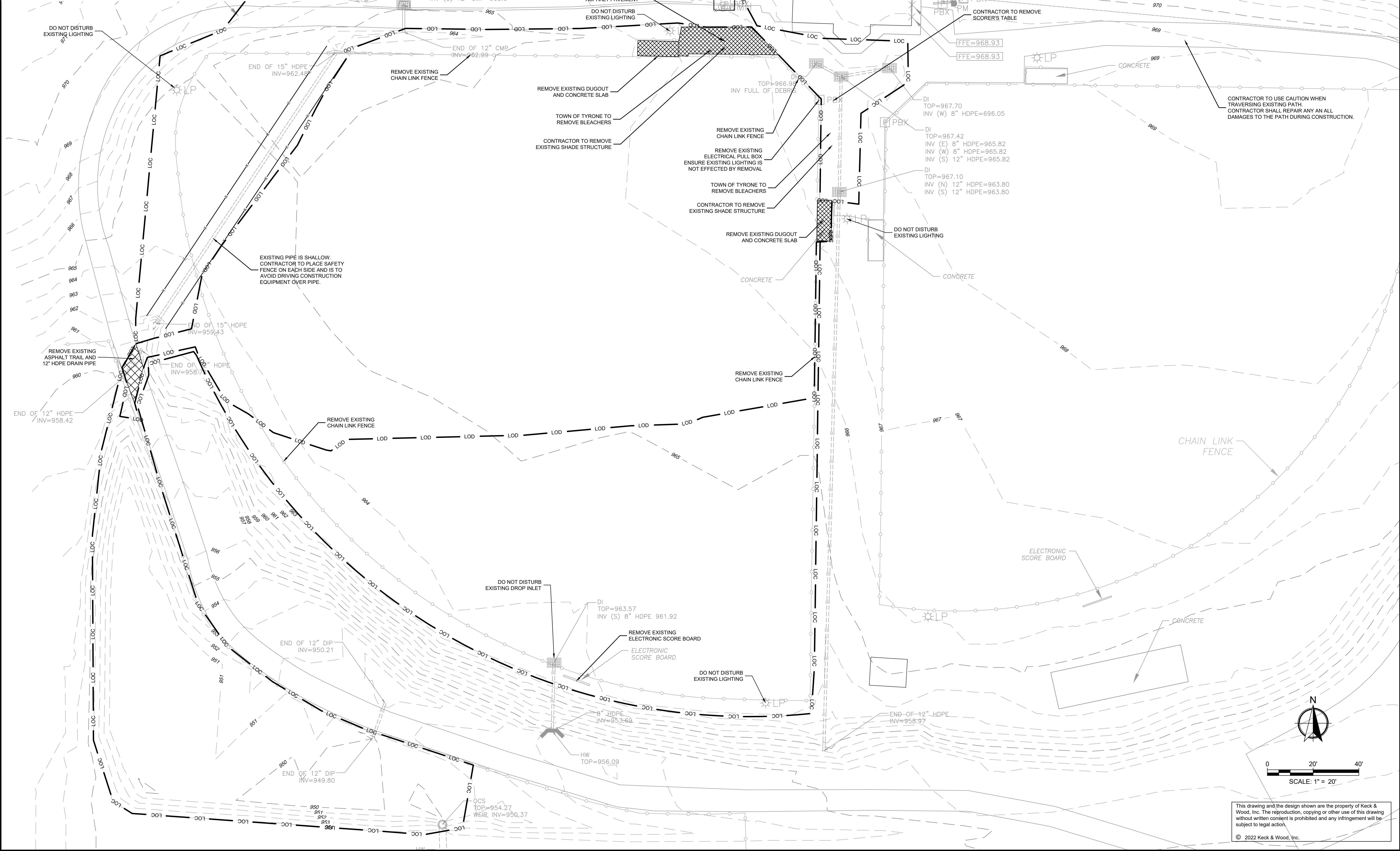
NOTE
THIS PLAT IS NOT FOR RECORDING. THIS PLAT DOES NOT CONTAIN THE SURVEYOR'S CERTIFICATION REQUIRED BY O.C.G.A. SECTION 15-6-16 FOR RECORDING. THIS SURVEY COMPLIES WITH ALL OTHER REQUIREMENTS OF THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS.

Table with 2 columns: NO., DATE. It contains a grid for tracking revisions.



**NOTES:**

1. CONTRACTOR TO COORDINATE ALL ELECTRICAL REMOVAL AND INSTALLATION WITH UTILITY PROVIDER.
2. CONTRACTOR TO ENSURE ALL EXISTING LIGHTING AROUND THE SITE IS NOT EFFECTED DURING CONSTRUCTION UNLESS OTHERWISE STATED.
3. CONTRACTOR TO MANUALLY ADJUST THE AIM OF THE LIGHTING FIXTURES ON EACH OF THE FOUR LIGHT POLES AFTER CONSTRUCTION OF THE PICKLEBALL COURTS. CONTRACTOR SHALL COORDINATE THE ADJUSTMENT OF THE LIGHT FIXTURES WITH THE TOWN OF TYRONE AND THE ENGINEER. A LIGHT METER SHALL BE USED TO ENSURE EVEN DISTRIBUTION ACROSS ALL COURTS.



**Keck+Wood**  
 COLLABORATION BY DESIGN  
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NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**SITE DEMOLITION PLAN**

THIS BAR IS  
 1 INCH LONG  
 PLOTTED FULL SCALE

Project Manager:  
 SAM SERIO, P.E.

Drawn By: BAF      Checked By: AJH

Date: 10/21/2022

Scale: As Shown

Project No.: 220265

Drawing No.: C.2.0

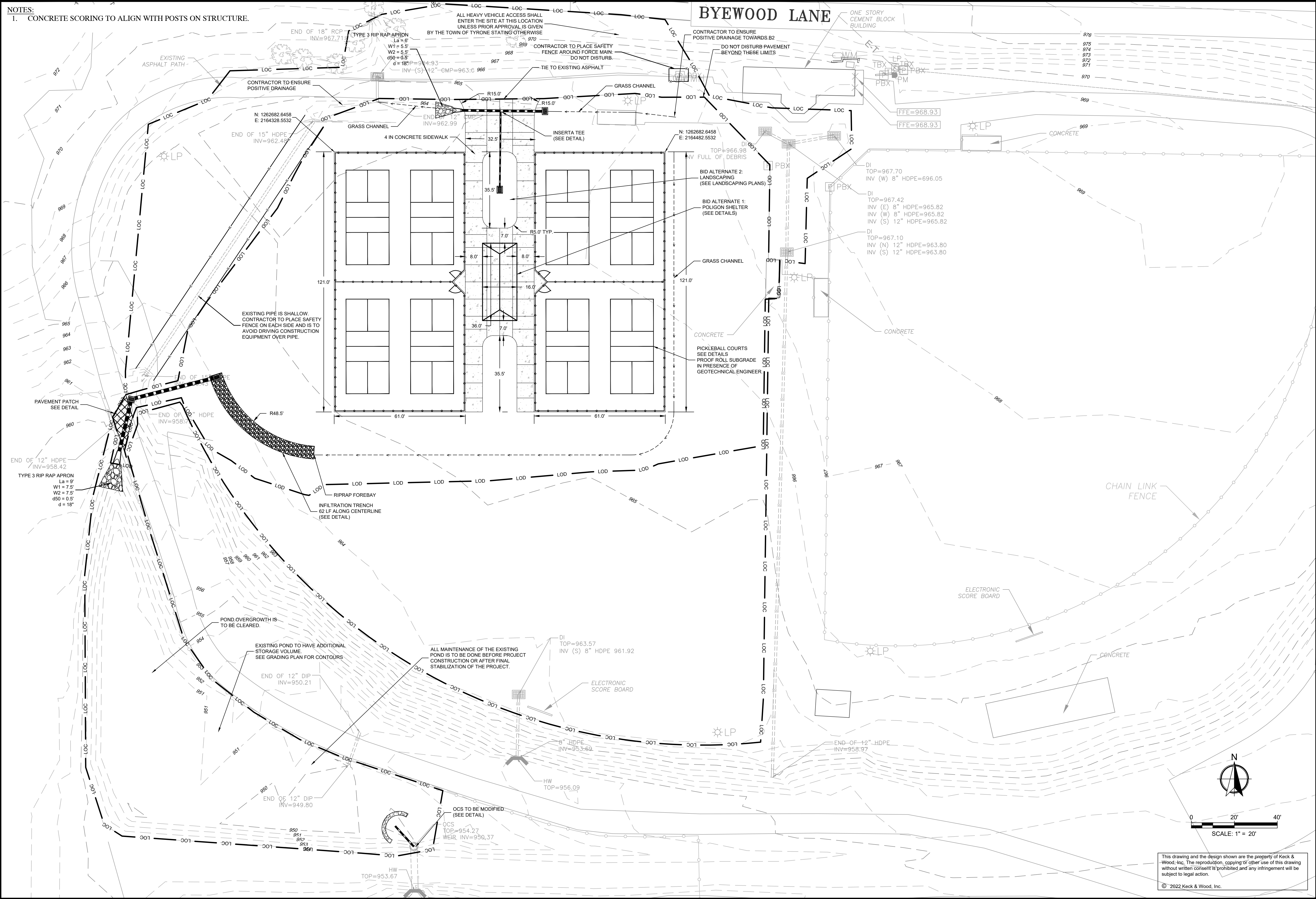
0      20'      40'

SCALE: 1" = 20'

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NOTES:  
 1. CONCRETE SCORING TO ALIGN WITH POSTS ON STRUCTURE.



**BYEWOOD LANE**

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NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**SITE PLAN**

THIS BAR IS  
 1 INCH LONG  
 PLOTTED FULL SCALE

Project Manager:  
**SAM SERIO, P.E.**

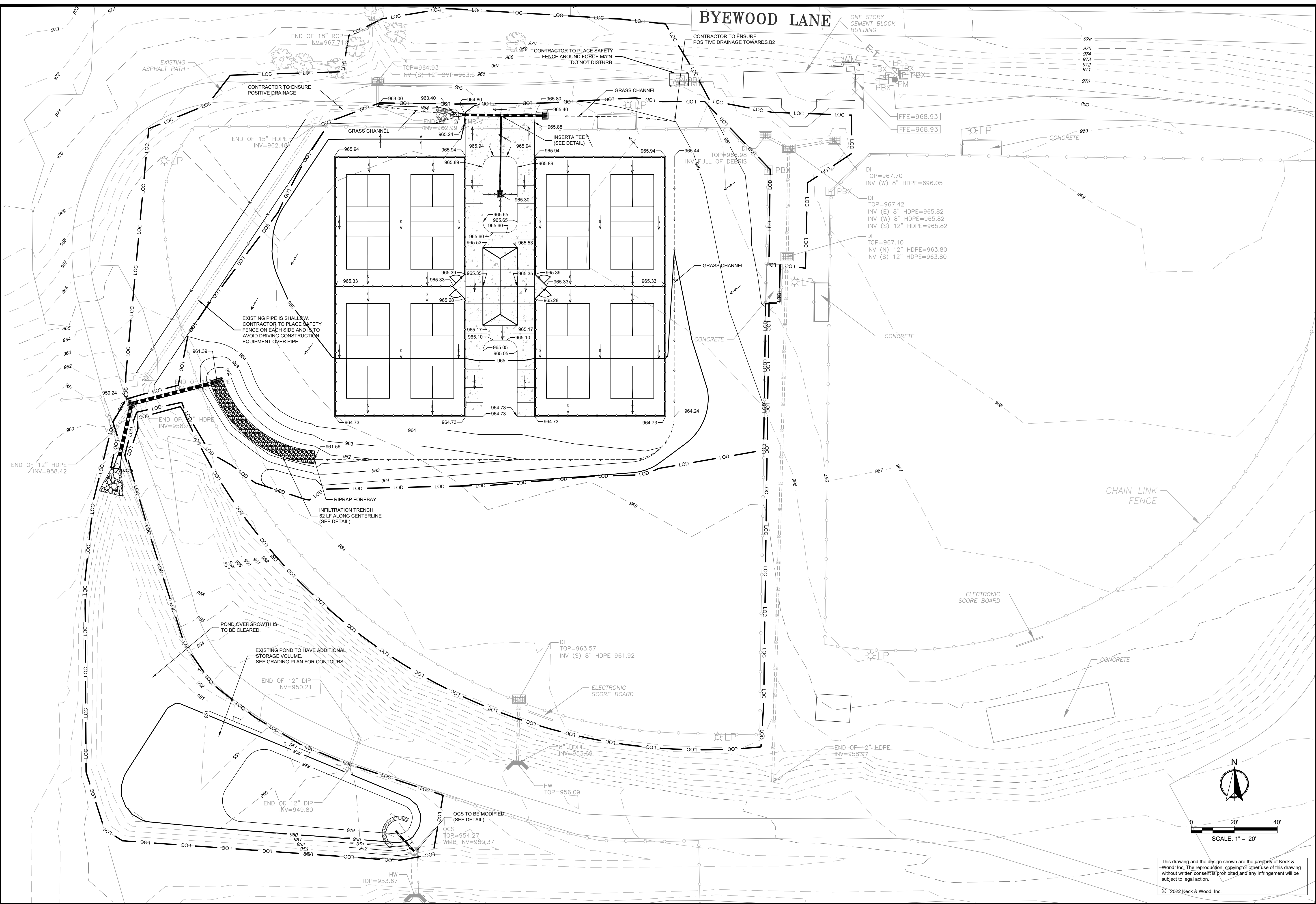
Drawn By: **BAF**      Checked By: **AJH**

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**C.3.0**

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NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**GRADING PLAN**

THIS BAR IS  
 1 INCH LONG  
 PLOTTED FULL SCALE

Project Manager:  
 SAM SERIO, P.E.

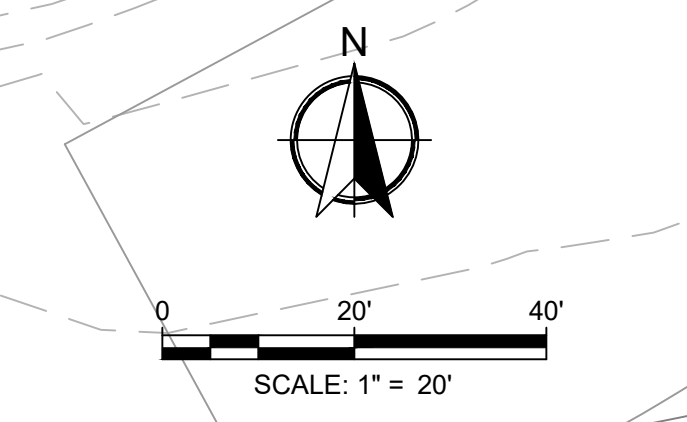
Drawn By: BAF      Checked By: AJH

Date: 10/21/2022

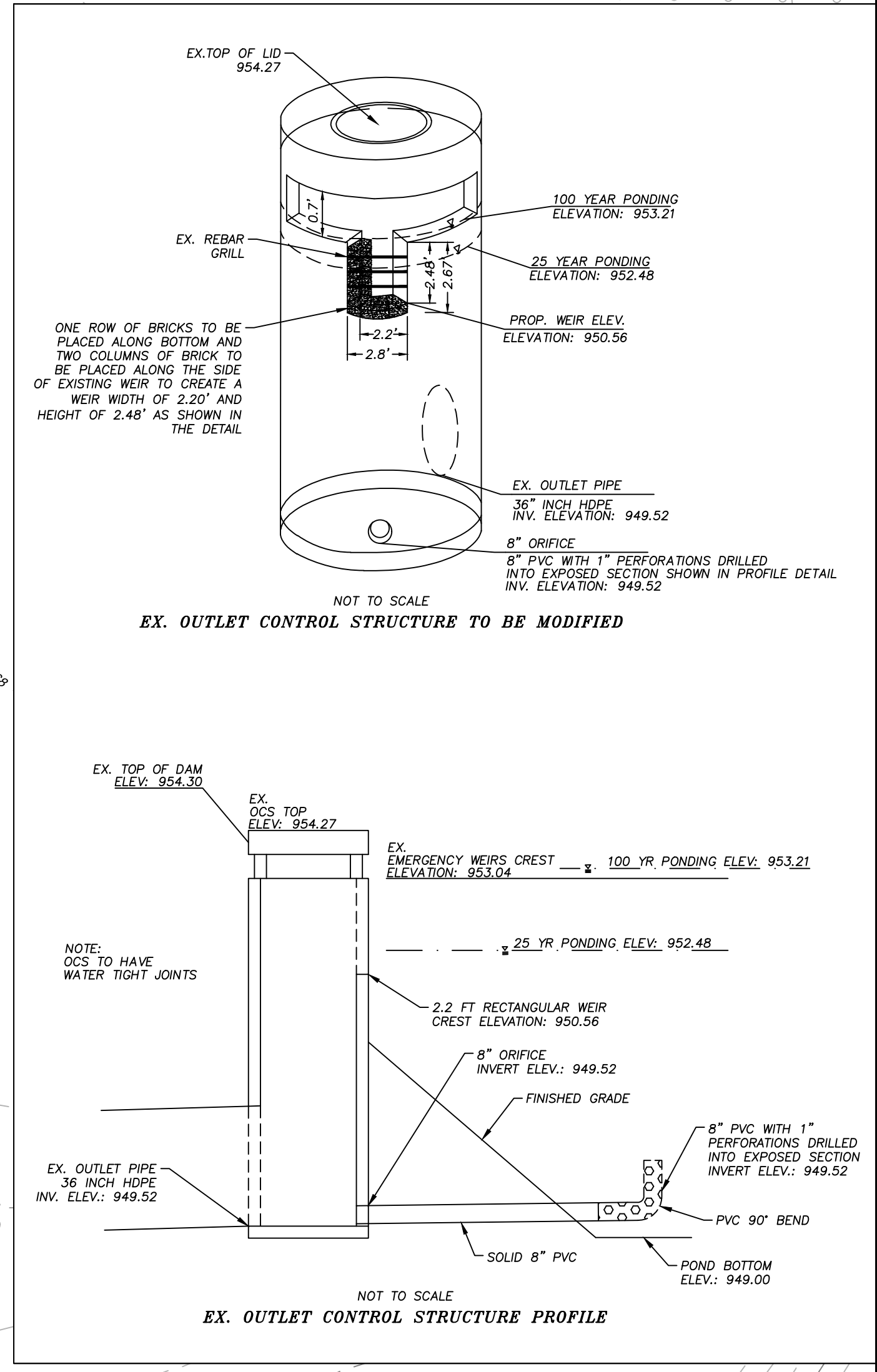
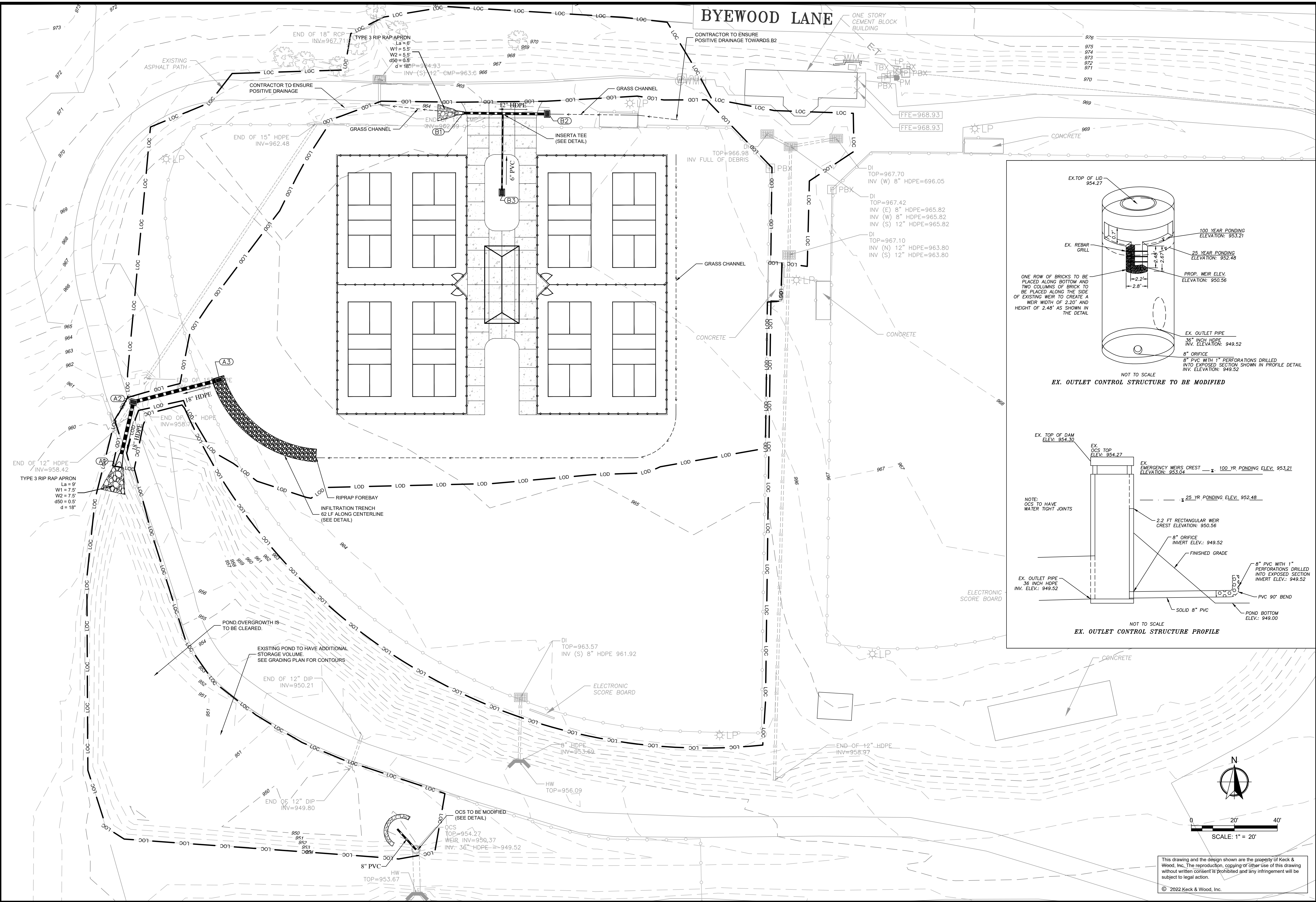
Scale: As Shown

Project No.:  
 220265

Drawing No.:  
 C.4.0



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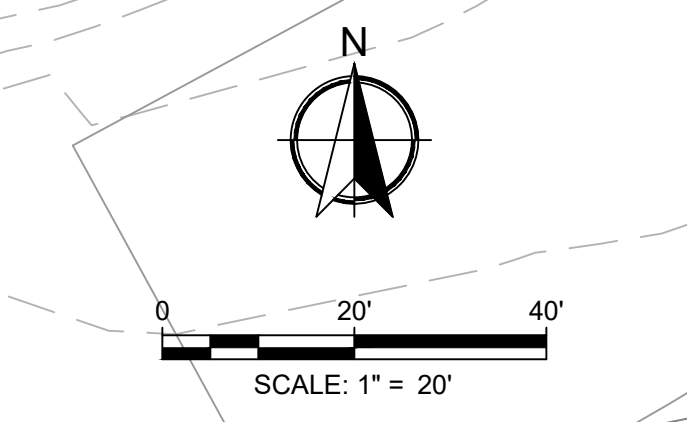
NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**STORM PLAN**

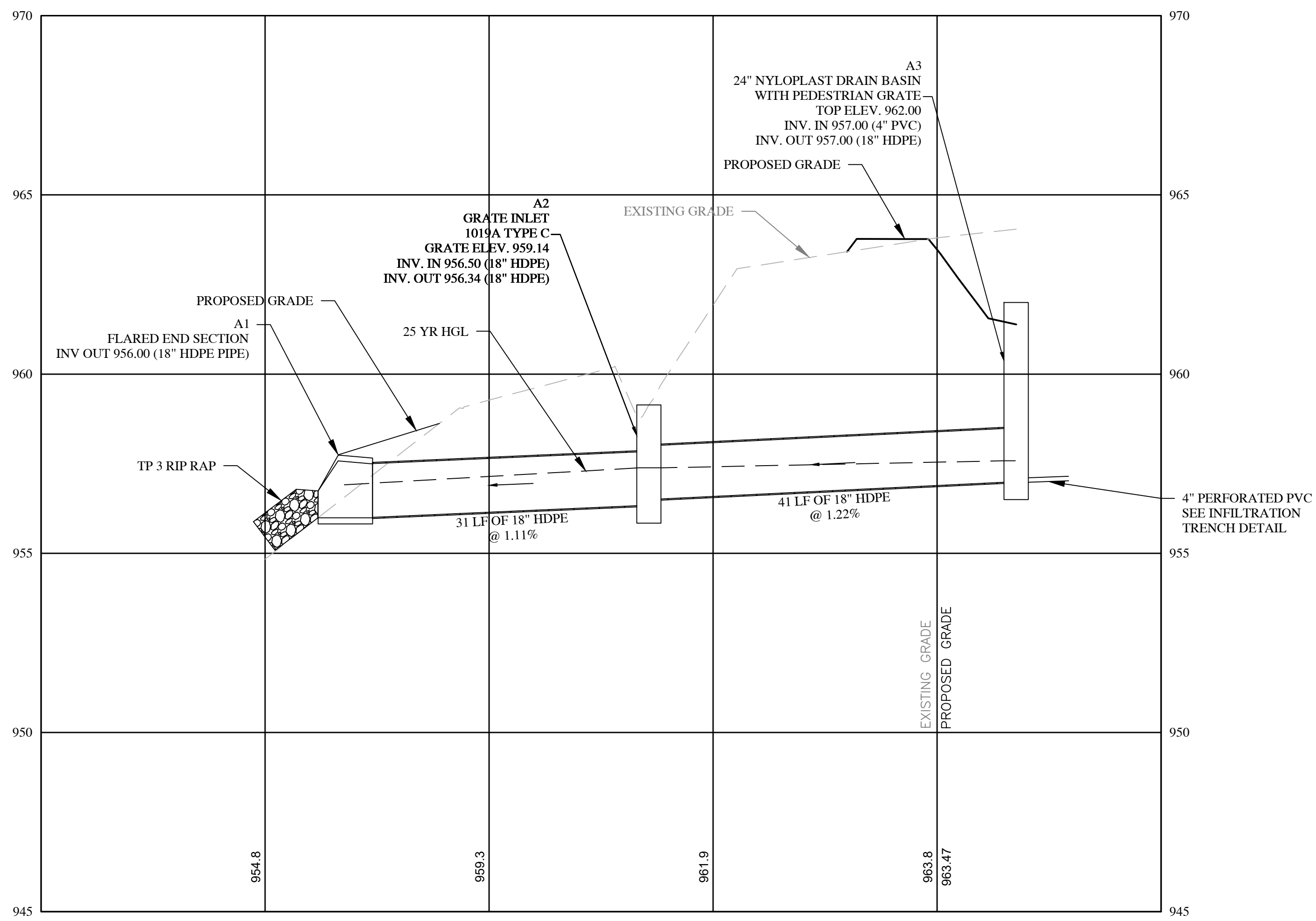
THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager: SAM SERIO, P.E.  
 Drawn By: BAF Checked By: AJH  
 Date: 10/21/2022  
 Scale: As Shown

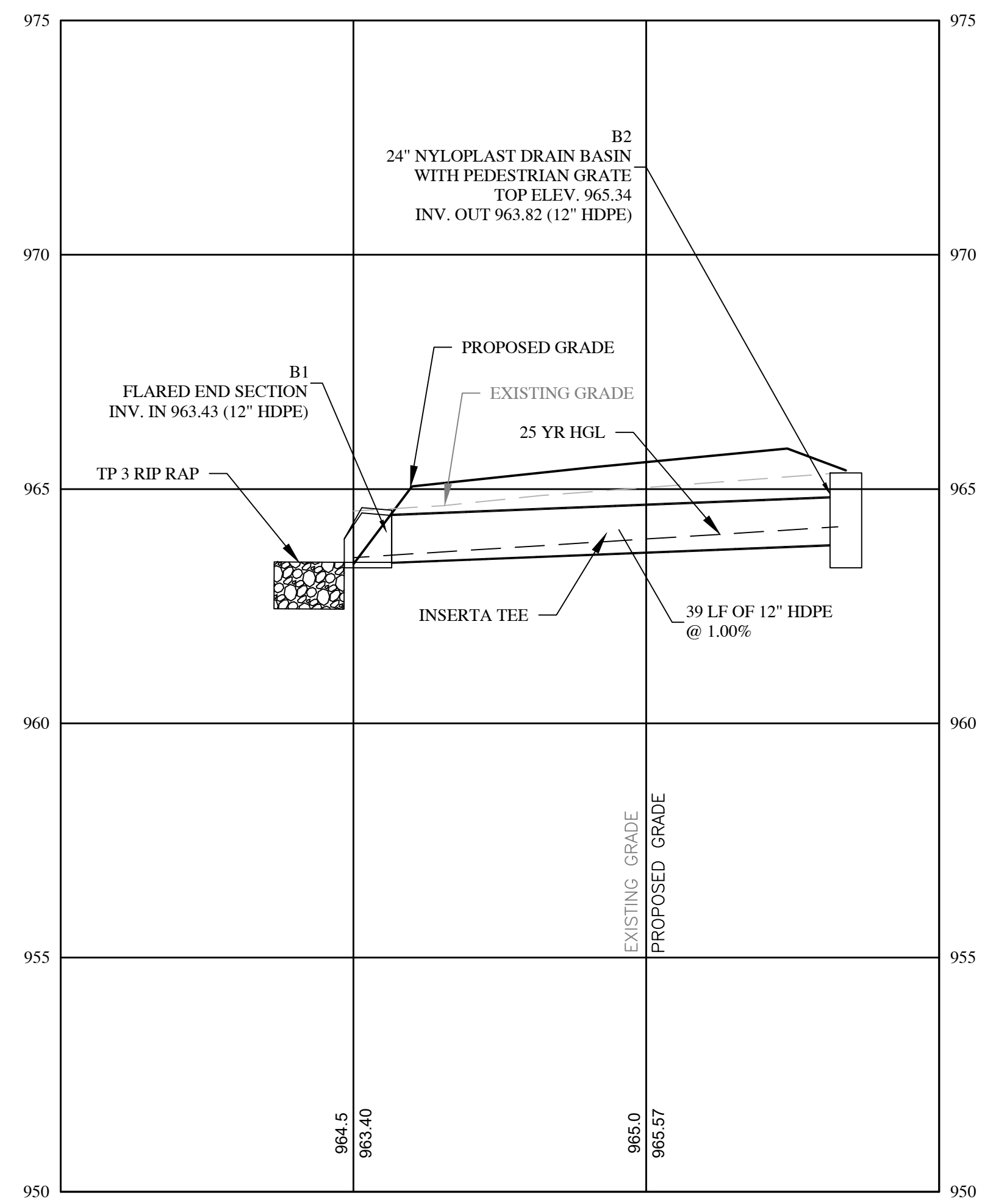
Project No.: 220265  
 Drawing No.: C.5.0



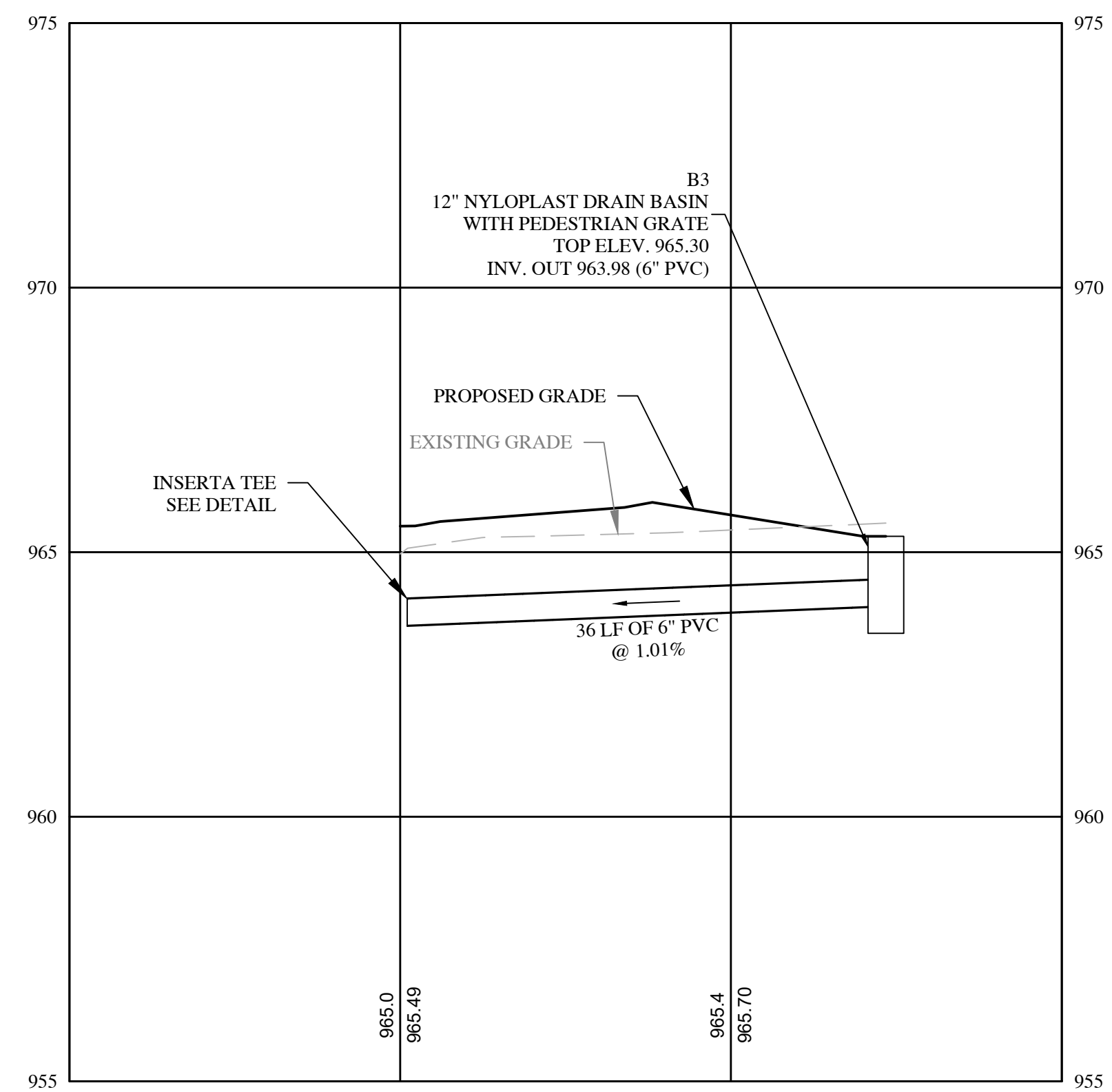
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STORM SYSTEM A1 TO A3



STORM SYSTEM B1 TO B2



STORM SYSTEM TEE TO B3



NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**DRAINAGE PROFILES**

THIS BAR IS  
 1 INCH LONG  
 PLOTTED FULL SCALE

Project Manager:  
**SAM SERIO, P.E.**  
 Drawn By: **BAF** Checked By: **AJH**  
 Date: **10/21/2022**  
 Scale: **As Shown**

Project No.:  
**220265**  
 Drawing No.:  
**C.5.1**

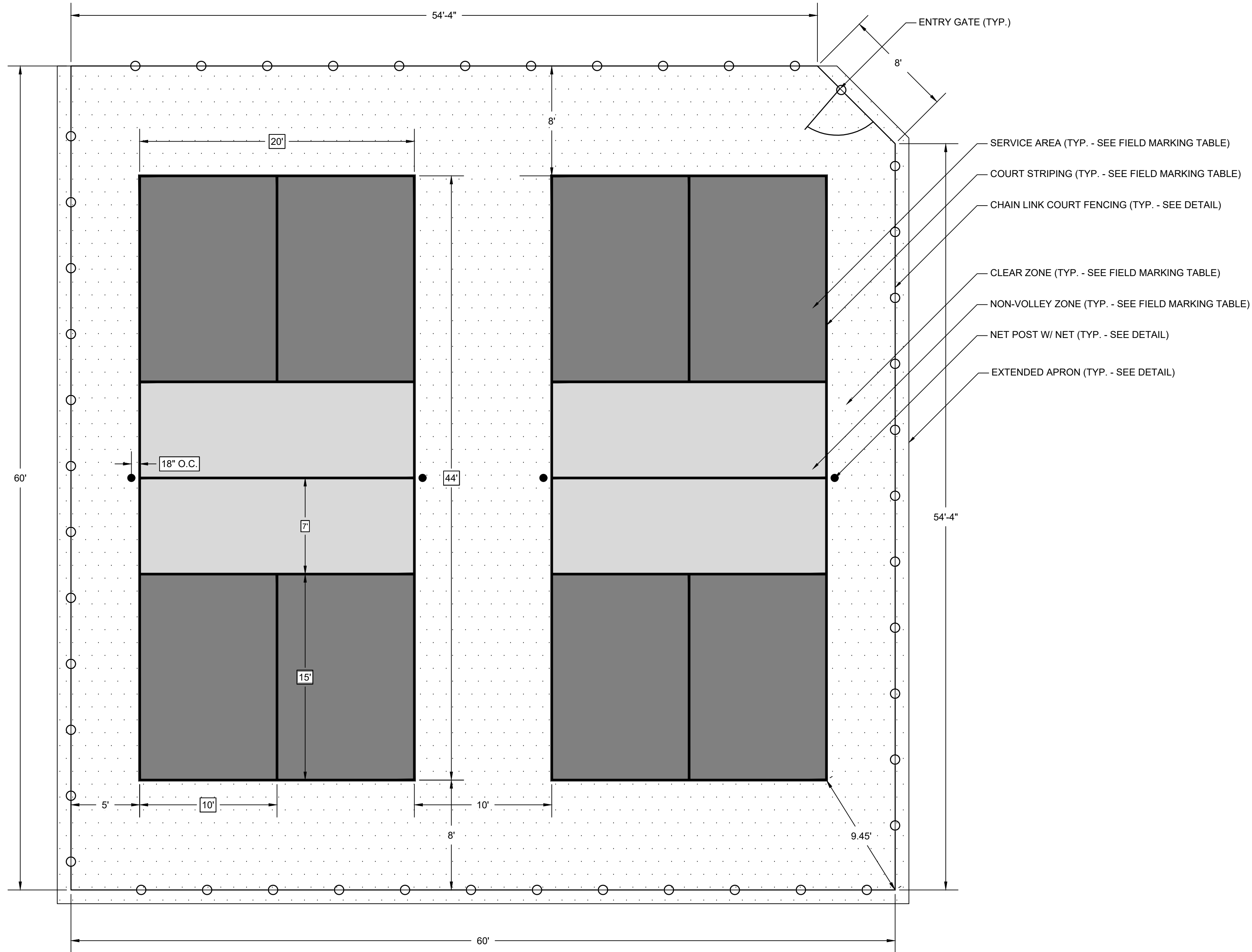
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G:\Shared\Drawings\2022\Projects\220265 - Tyron - Dorothea Redwine Park - Phase I\CAD\Drawings\220186 - Tyron GA - Dorothea Redwine Park.dwg



**NOTES:**

- NET POST FOOTINGS, CENTER STRAP ANCHORS, AND FENCE POST FOOTINGS TO BE INSTALLED PRIOR TO PAVING THE PICKLEBALL COURTS. INSTALLATION SHALL BE APPROVED BY OWNERS REPRESENTATIVE OR ENGINEER PRIOR TO PAVEMENT PLACEMENT.



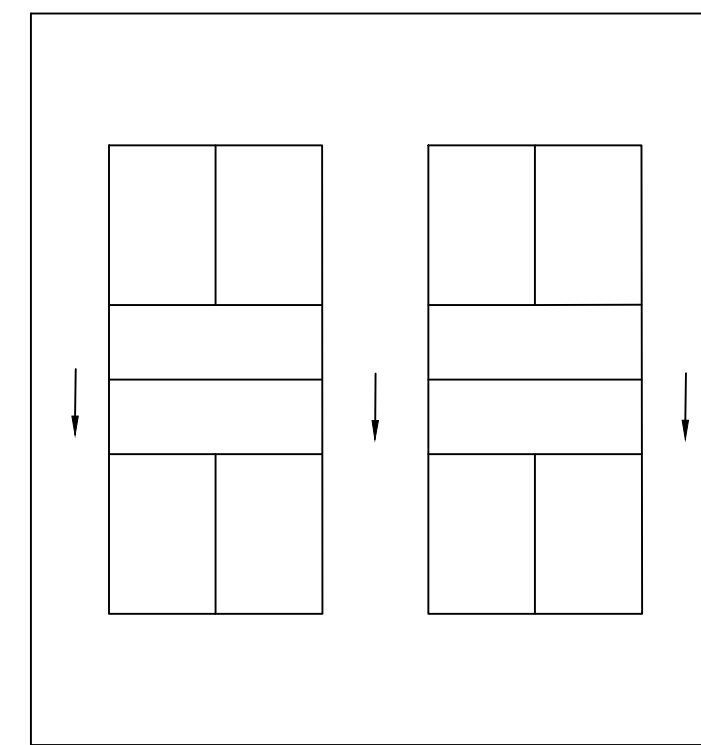
FIELD MARKINGS		
MARKING	COLOR	SIZE
COURT STRIPING	WHITE	2" WIDTH
CLEAR ZONE	GREEN	SURFACE
SERVICE AREA	BLUE	SURFACE
NON-VOLLEY ZONE	TAN	SURFACE

NOTE: CONTRACTOR TO VERIFY COLORS WITH OWNER.

NOT TO SCALE

**PICKLEBALL COURT LAYOUT AND FIELD MARKING PLAN**

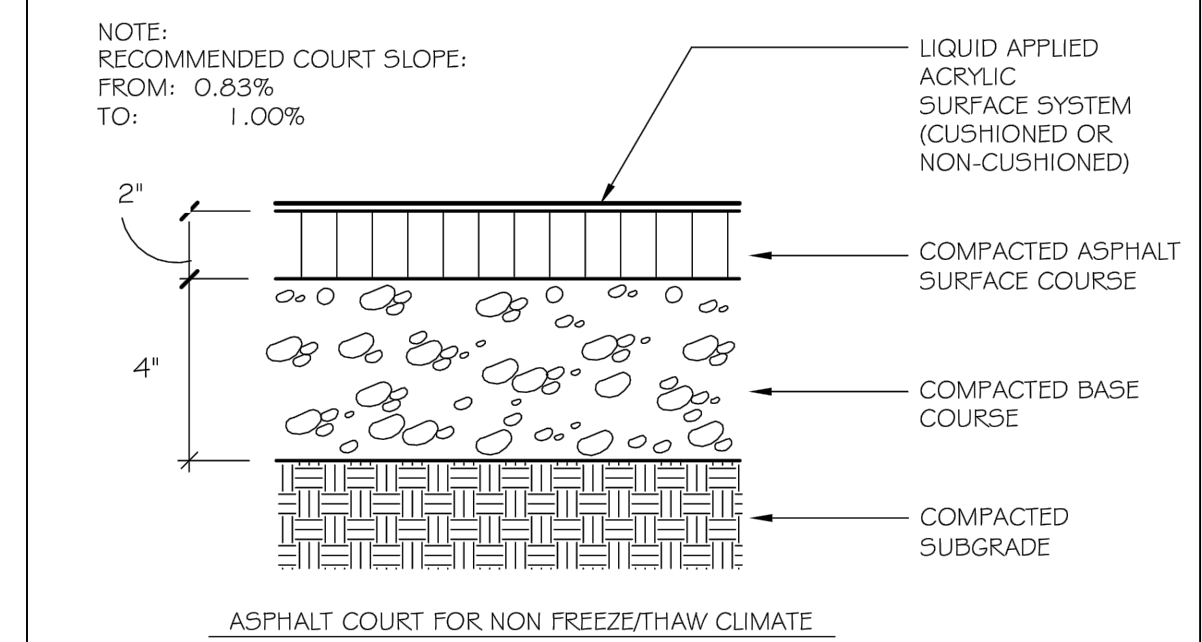
1



NOTES:  
MAXIMUM RECOMMENDED LENGTH OF SLOPE ACROSS COURT SURFACES IS 180'. LONGER LENGTHS CAN LEAD TO EROSION OF THE SURFACE OR SURROUNDING AREAS.

**TYPICAL DRAINAGE PATTERN FOR MULTIPLE PICKLEBALL COURTS (NOT TO SCALE)**

- NOTES:
- COMPACTED AGGREGATE BASE COURSE SHALL MEET GDOT SPECIFICATIONS AND BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DRY DENSITY.
  - DEPTH OF GRADED AGGREGATE BASE WAS DETERMINED UNDER THE ASSUMPTION THAT THE SITE HAD QUALITY SOILS. NO GEOTECHNICAL REPORT WAS OBTAINED. CONTRACTOR TO ALERT ENGINEER IMMEDIATELY IF SOILS ARE FOUND TO BE IN POOR QUALITY.
  - ALL COURT PAVING SHALL BE IN ACCORDANCE WITH AMERICAN SPORTS BUILDERS ASSOCIATION ASPHALT GUIDELINES AND GDOT PAVEMENT SPECIFICATIONS. MIX DESIGNS SHALL BE SUBMITTED FOR REVIEW BY OWNER.
  - PROOF ROLL SUBGRADE IN PRESENCE OF GEOTECHNICAL ENGINEER.



**ASPHALT COURT SECTION (NOT TO SCALE)**

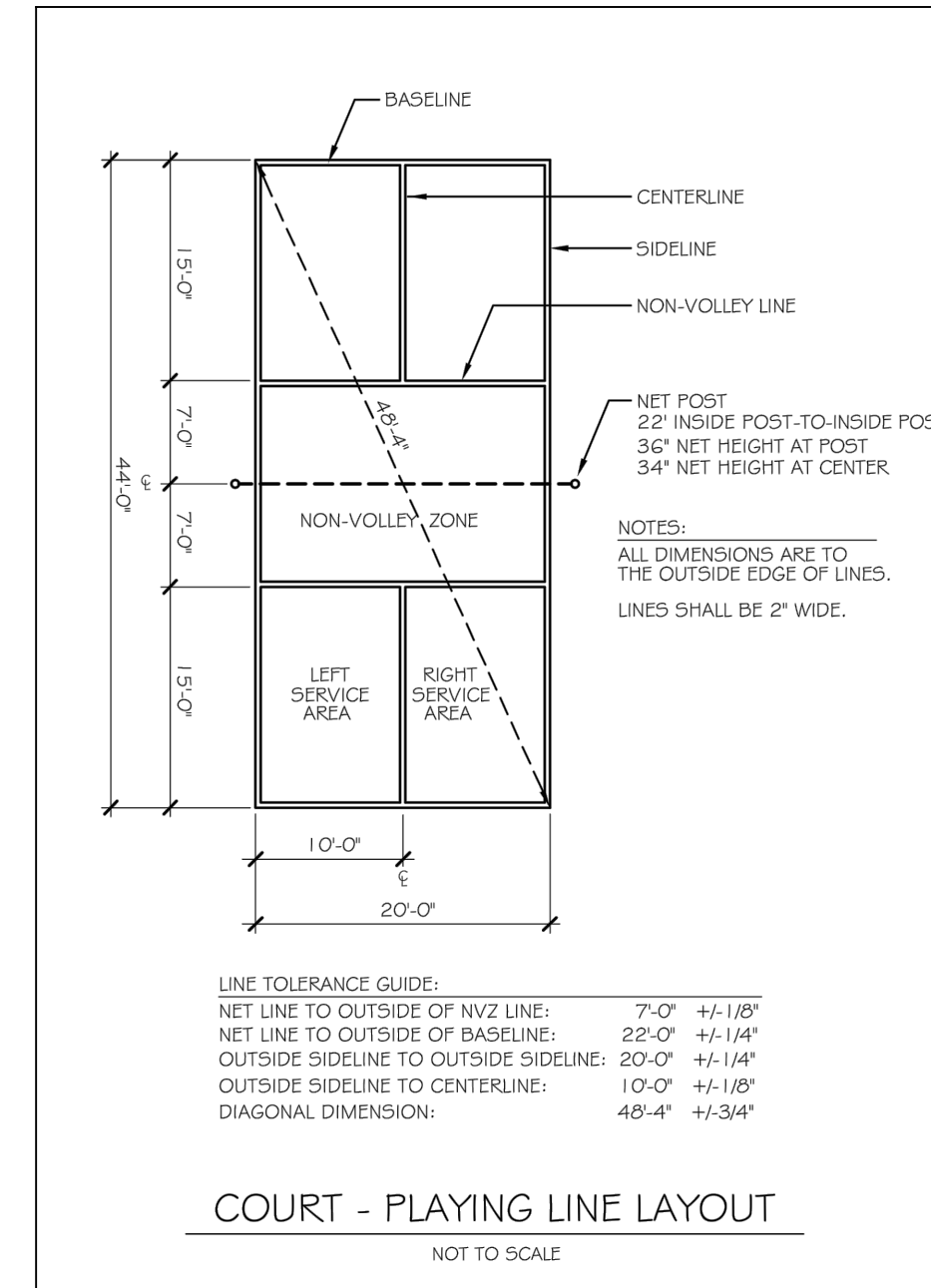
2

**DRAINAGE PATTERN**

3

**ASPHALT COURT SECTION**

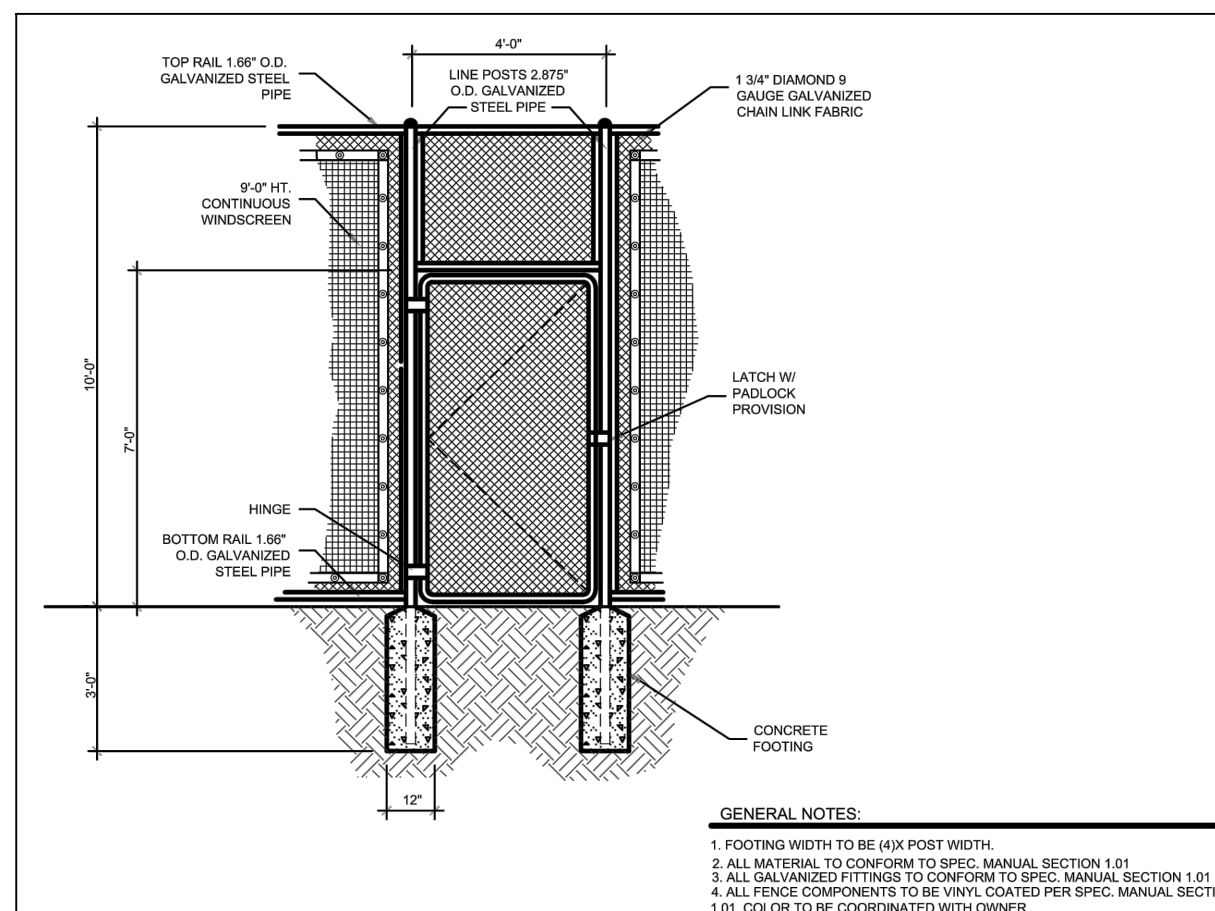
- NOTES:
- LENGTH OF NET IS MEASURED FROM CENTER OF THE NET POSTS
  - IN CASES WHERE THE PORTION OF THE MIDDLE OF NET CANNOT BE LOCATED PRECISELY, FOR INSTANCE DUE TO ANCHORING OF THE CENTER STRAP, USE A REFERENCE POINT MIDWAY ACROSS THE CENTER SERVICE LINE.
  - 10 MM (APPROX.  $\frac{3}{8}$ ") ADDED TO THE TOLERANCE FOR MEASUREMENTS INVOLVING THE NET
  - APPLIES TO INTERNATIONAL COMPETITION. FOR RECREATIONAL AND CLUB PLAY, THE RECOMMENDED MINIMUM DISTANCE IS 4.57 METERS (15').
  - APPLIES TO INTERNATIONAL COMPETITION. FOR RECREATIONAL AND CLUB PLAY, THE RECOMMENDED MINIMUM DISTANCE IS 3.05 METERS (10').



NOTES:  
LINE COATINGS SHALL BE 100% ACRYLIC RECREATIONAL SURFACE COATINGS FOR USE ON PICKLEBALL COURTS. INSTALLATION AND ASPHALT CURE TIMES PRIOR TO COATING SHALL BE PER MANUFACTURERS RECOMMENDATIONS. COORDINATE ALL COLOR SELECTIONS WITH THE TOWN OF TYRONE.

4

**COURT - PLAYING LINE LAYOUT**



NOTE:  
CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR PICKLEBALL COURT PERIMETER FENCING FOR APPROVAL.

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5

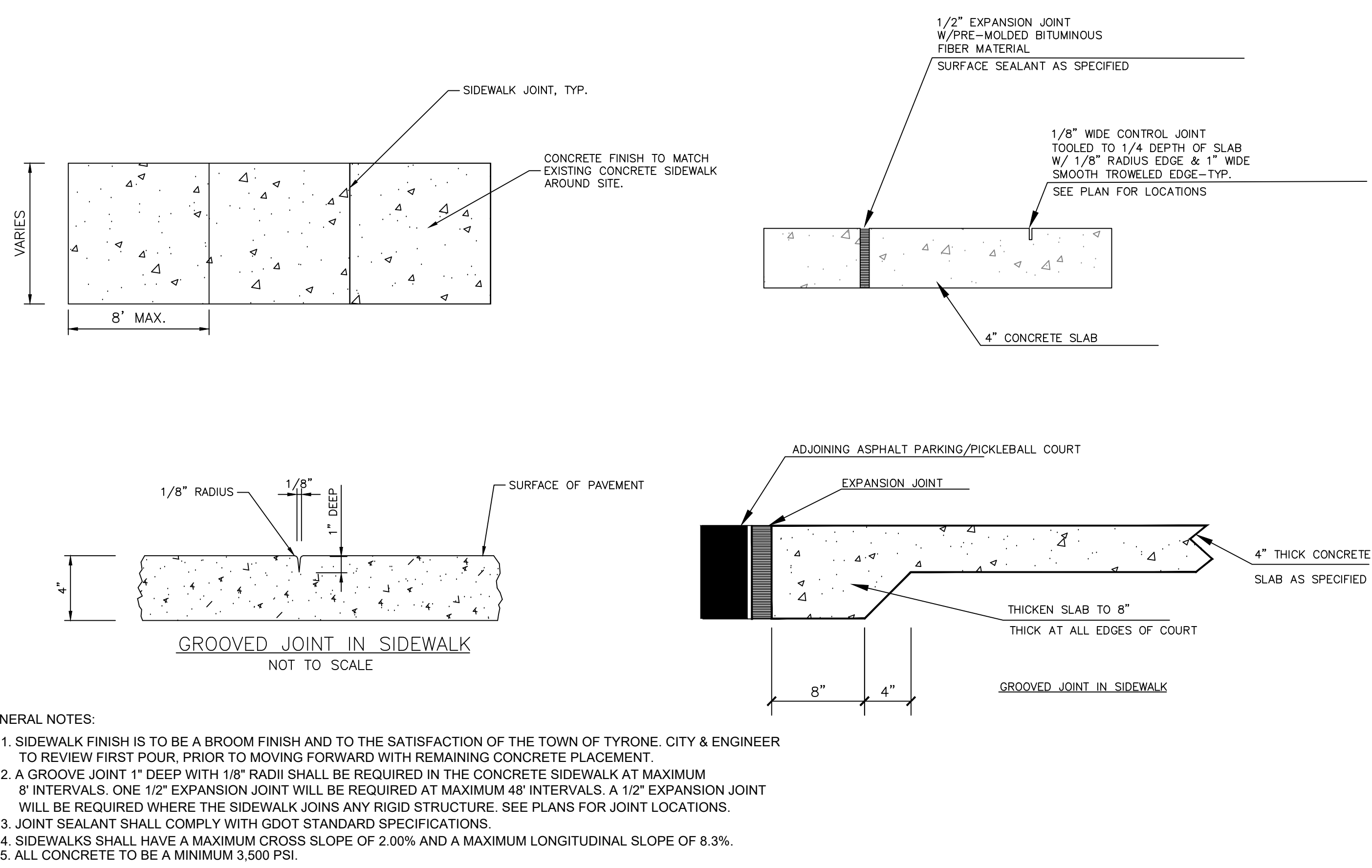
**FENCE - ENCLOSURE GATE**

NO.	DATE	REVISION

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

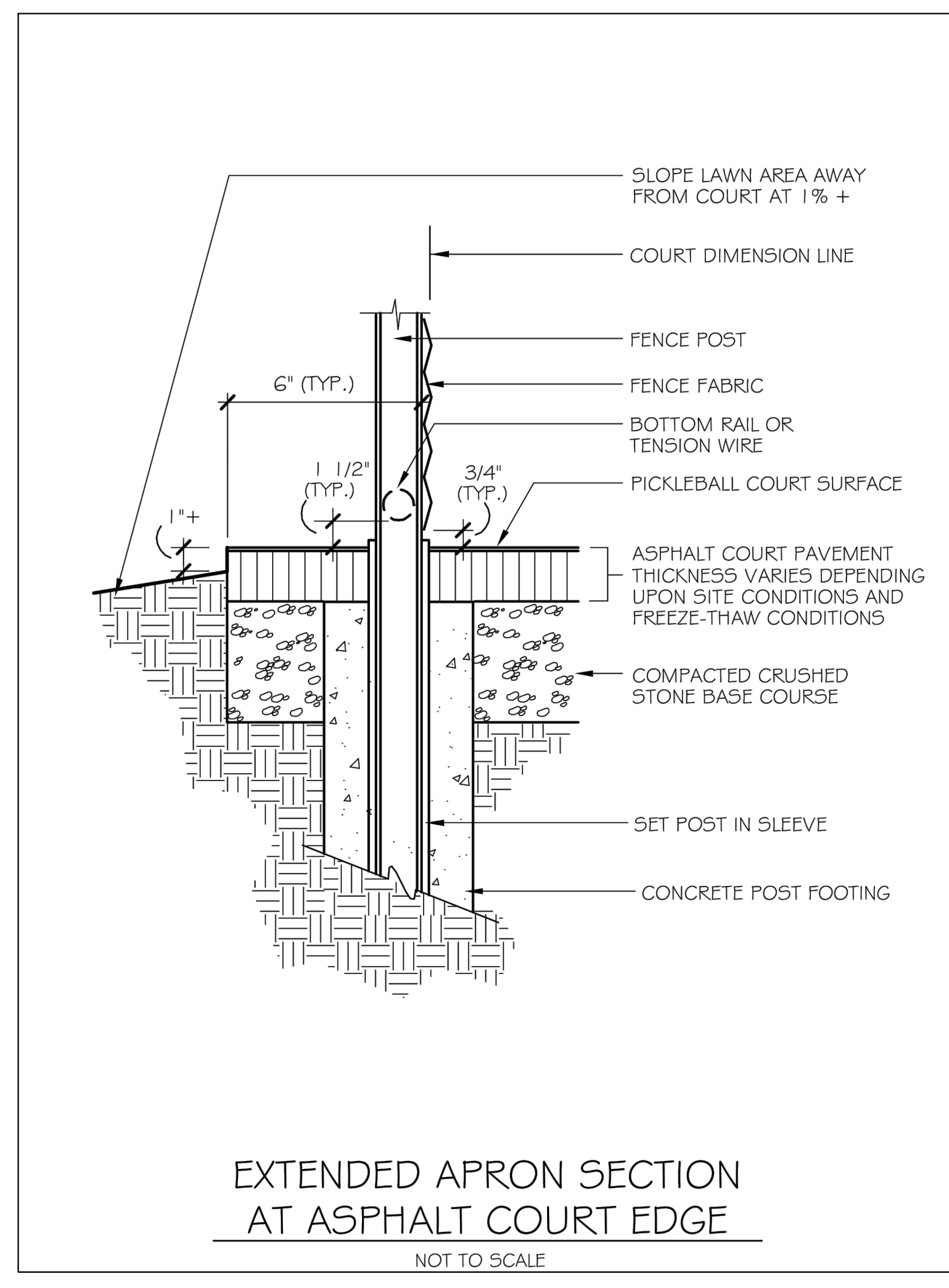
Project Manager:  
SAM SERIO, P.E.  
Drawn By: A/JH  
Checked By: A/JH  
Date: 10/21/2022  
Scale: As Shown

Project No.: 220265  
Drawing No.: D.1.0

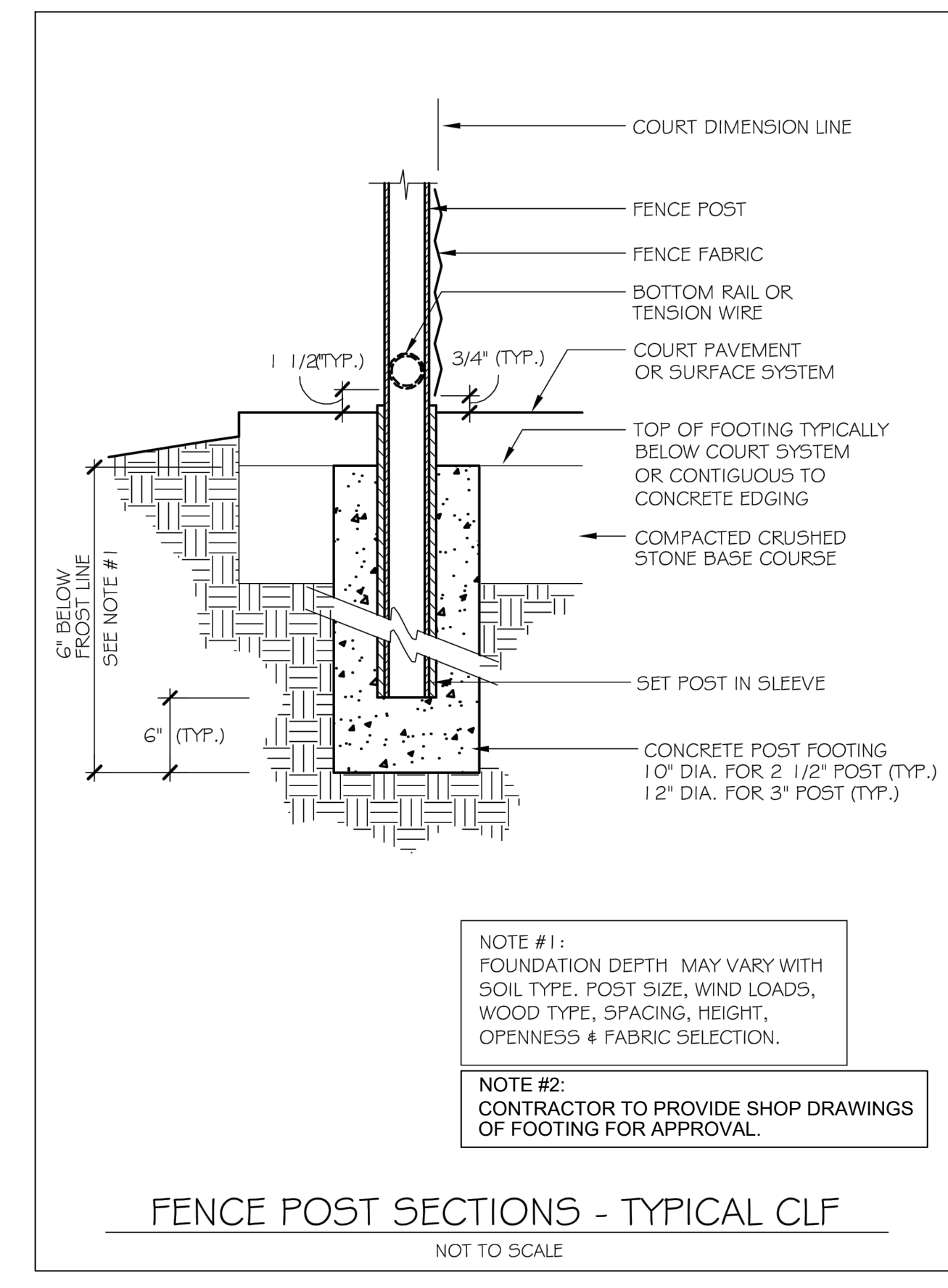


- GENERAL NOTES:**
- SIDEWALK FINISH IS TO BE A BROOM FINISH AND TO THE SATISFACTION OF THE TOWN OF TYRONE, CITY & ENGINEER TO REVIEW FIRST POUR, PRIOR TO MOVING FORWARD WITH REMAINING CONCRETE PLACEMENT.
  - A GROOVE JOINT 1" DEEP WITH 1/8" RADIUS SHALL BE REQUIRED IN THE CONCRETE SIDEWALK AT MAXIMUM 8' INTERVALS. ONE 1/2" EXPANSION JOINT WILL BE REQUIRED AT MAXIMUM 48' INTERVALS. A 1/2" EXPANSION JOINT WILL BE REQUIRED WHERE THE SIDEWALK JOINS ANY RIGID STRUCTURE. SEE PLANS FOR JOINT LOCATIONS.
  - JOINT SEALANT SHALL COMPLY WITH GDOT STANDARD SPECIFICATIONS.
  - SIDEWALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2.00% AND A MAXIMUM LONGITUDINAL SLOPE OF 8.3%.
  - ALL CONCRETE TO BE A MINIMUM 3,500 PSI.

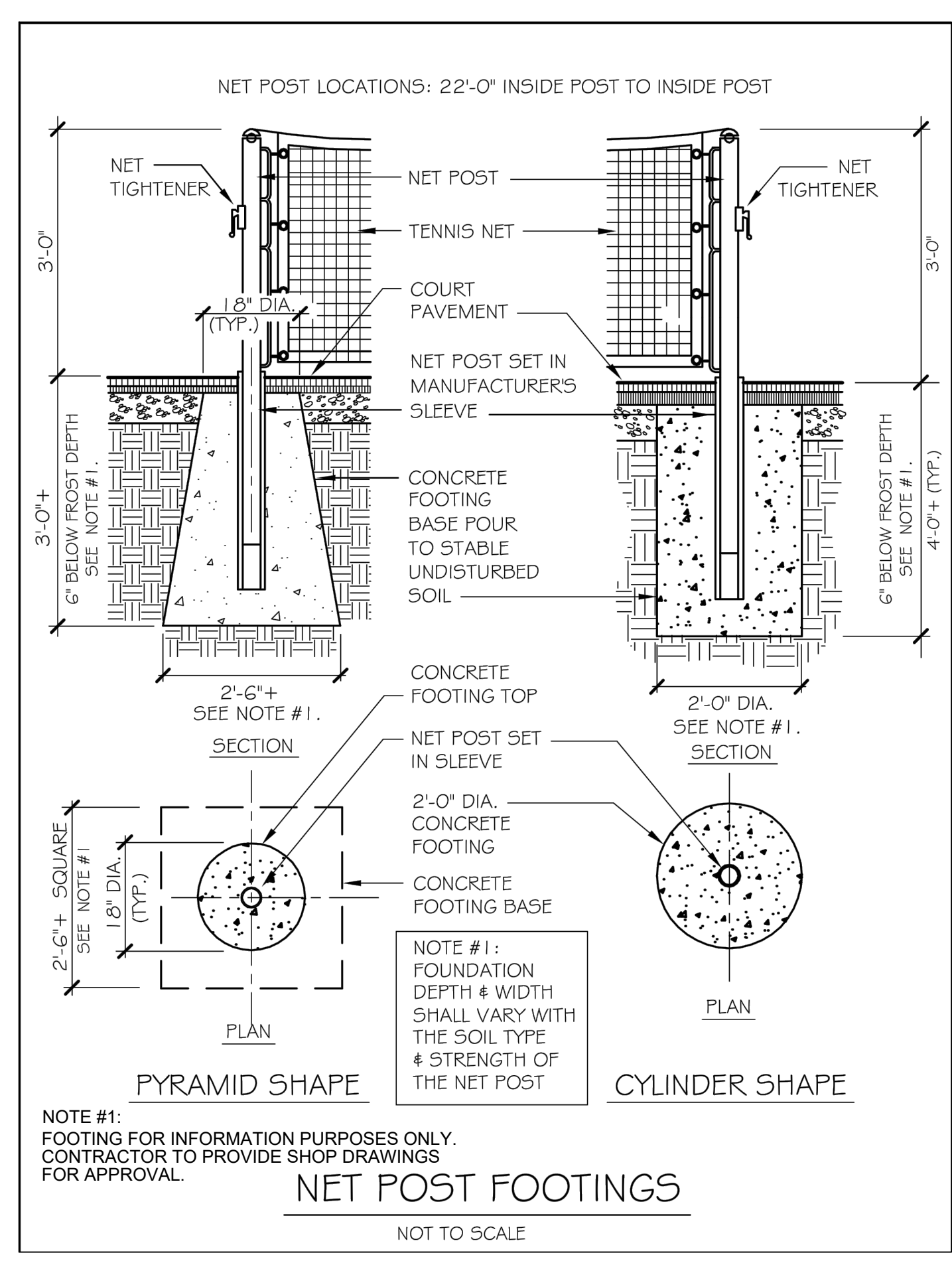
6 CONCRETE SIDEWALK DETAIL



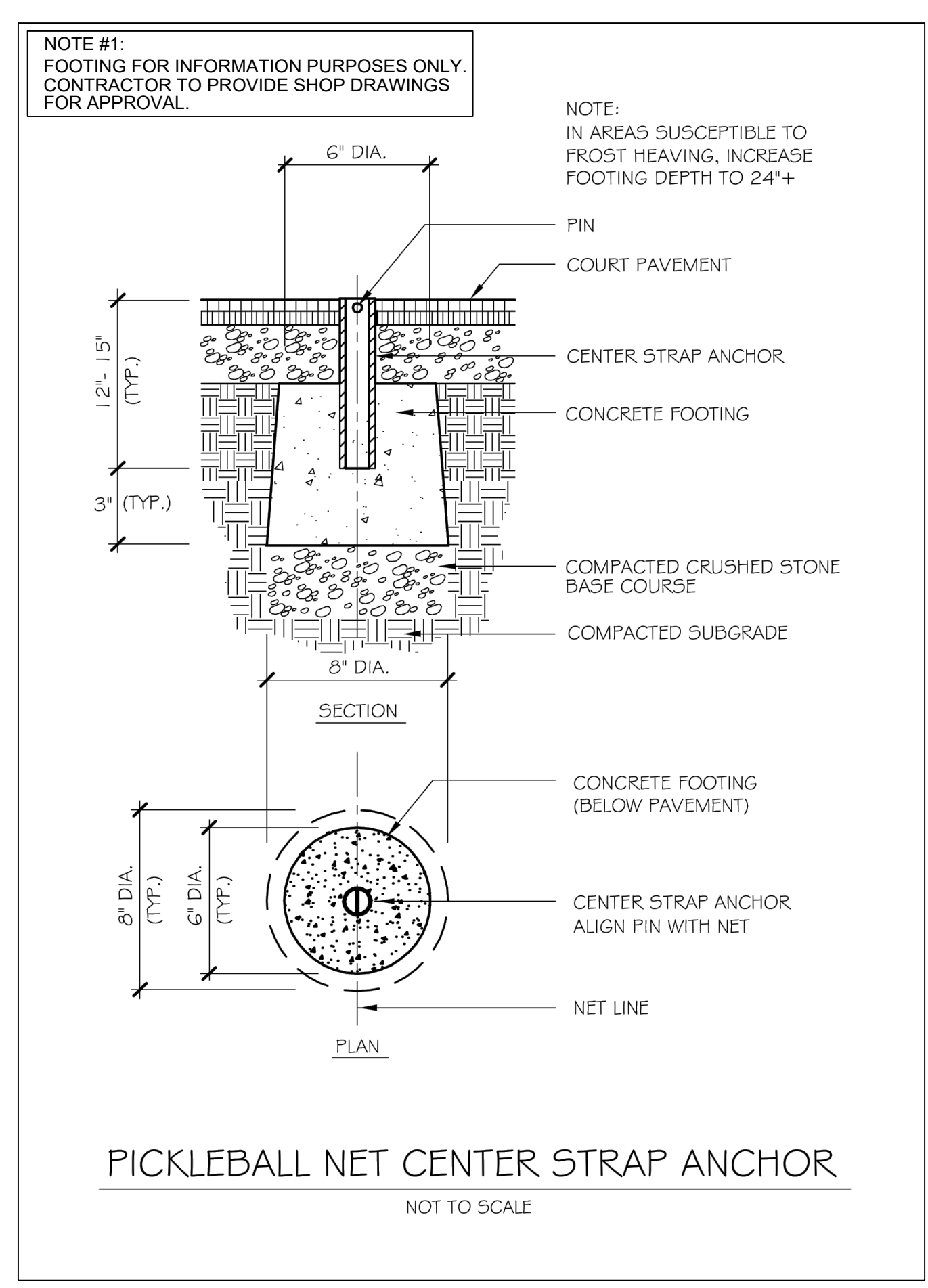
7 EXTENDED APRON SECTION - ASPHALT COURT



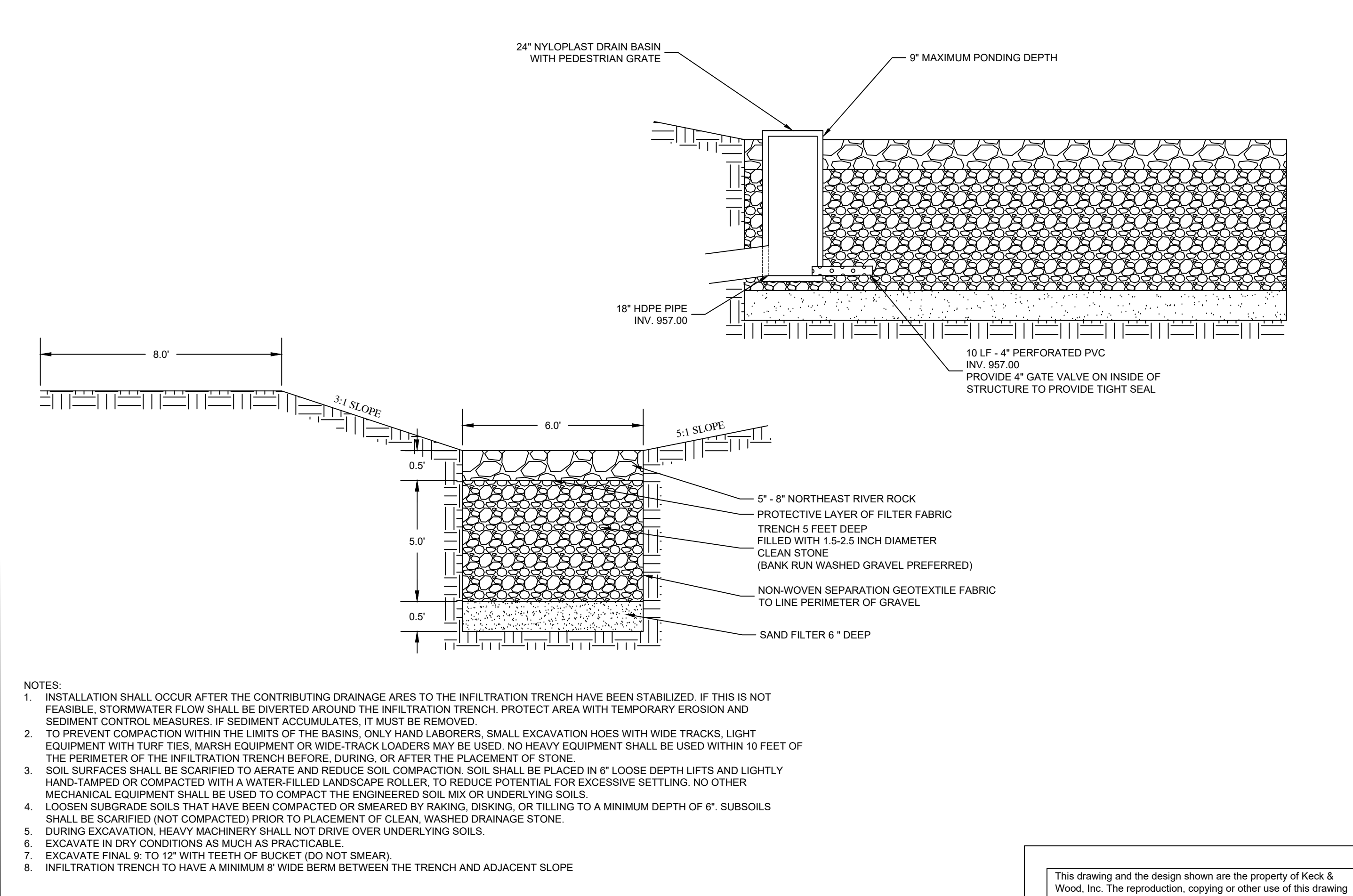
8 FENCE POST SECTION - TYPICAL CLF



9 PICKLEBALL NET POST FOOTINGS



10 PICKLEBALL NET CENTER STRAP ANCHOR

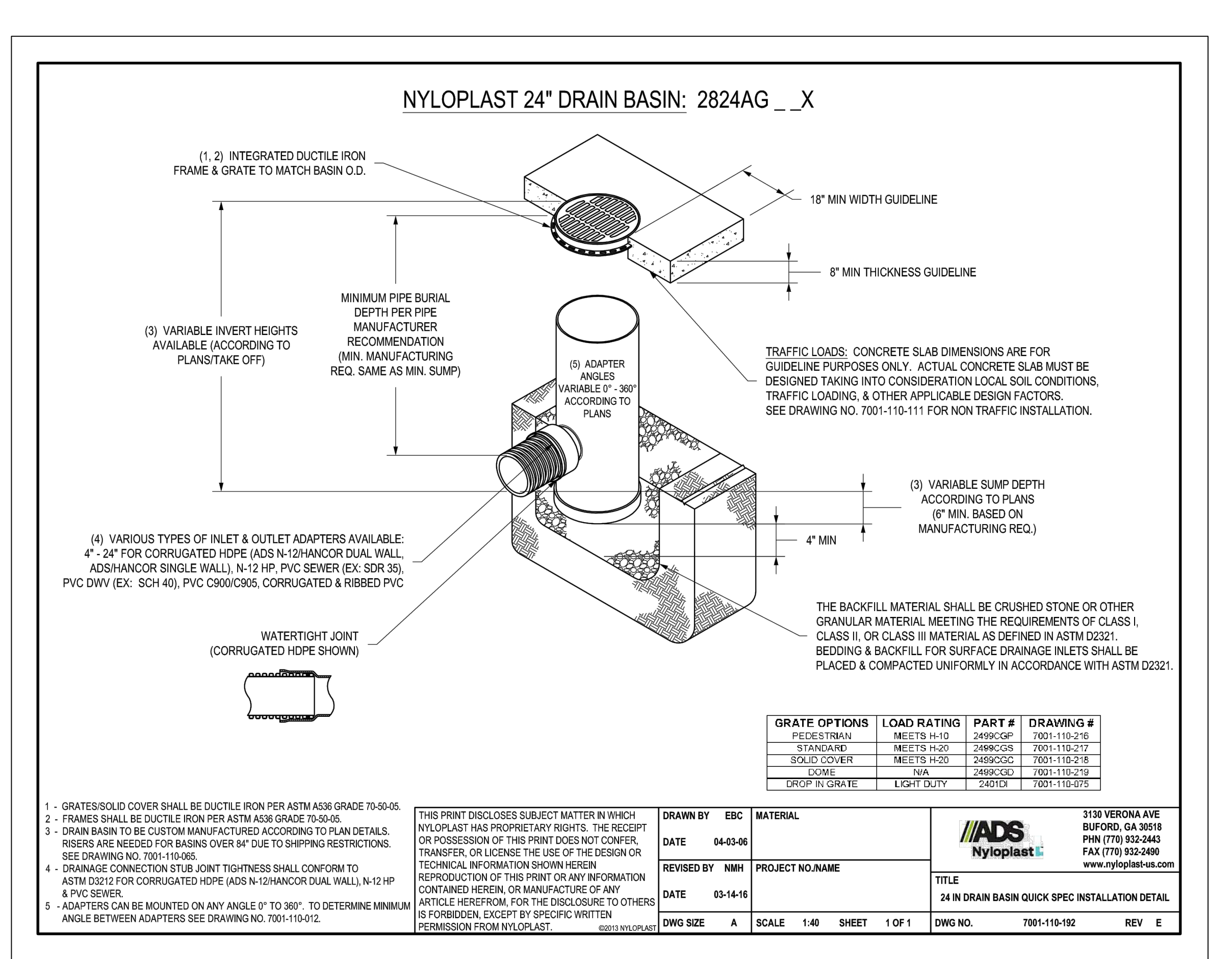
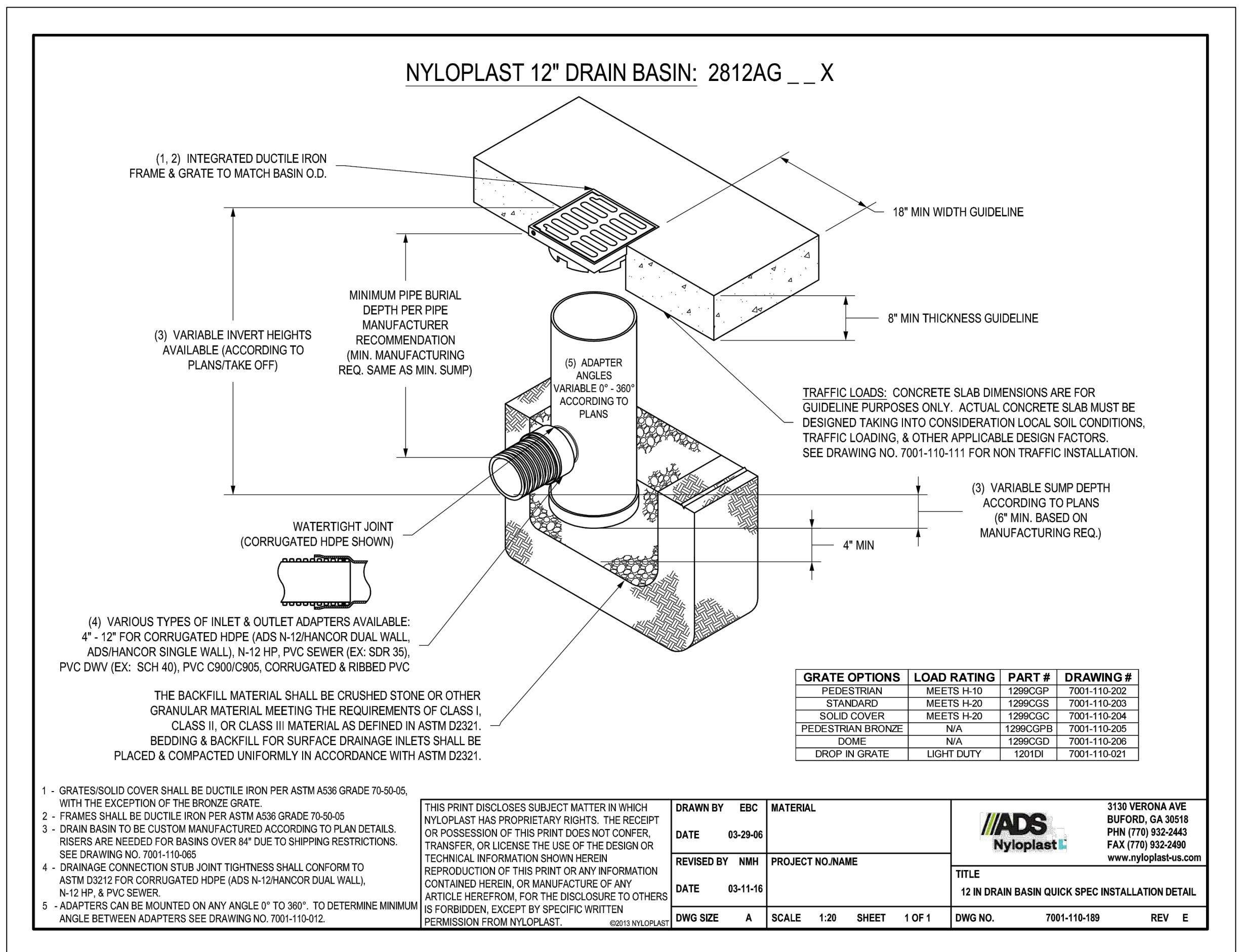


11 INFILTRATION TRENCH

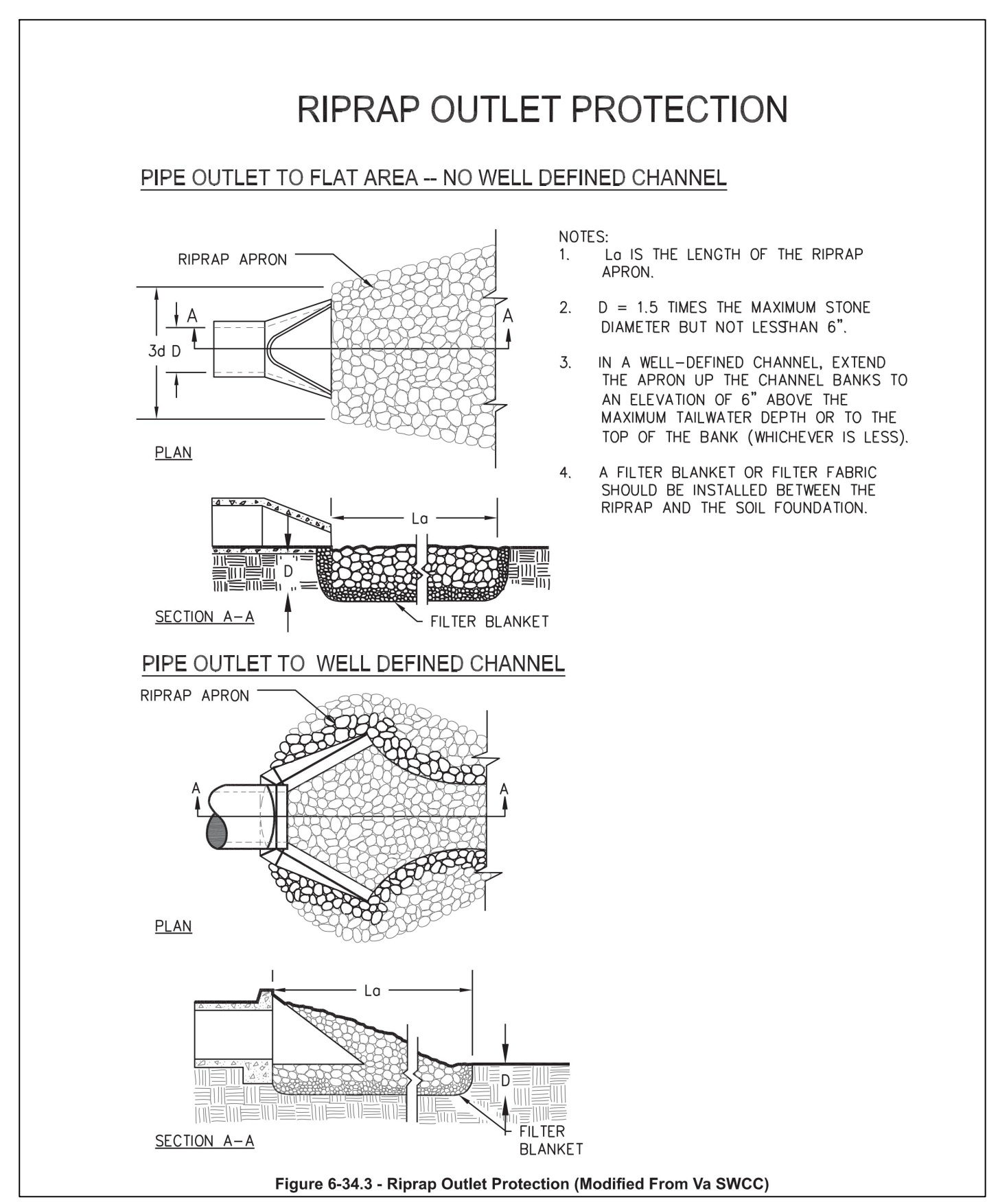
NO.	DATE	REVISION

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager: SAM SERIO, P.E.	Checked By: AJH
Drawn By: BAF	Date: 10/21/2022
Scale: As Shown	Project No.: 220265
	Drawing No.: D.2.0

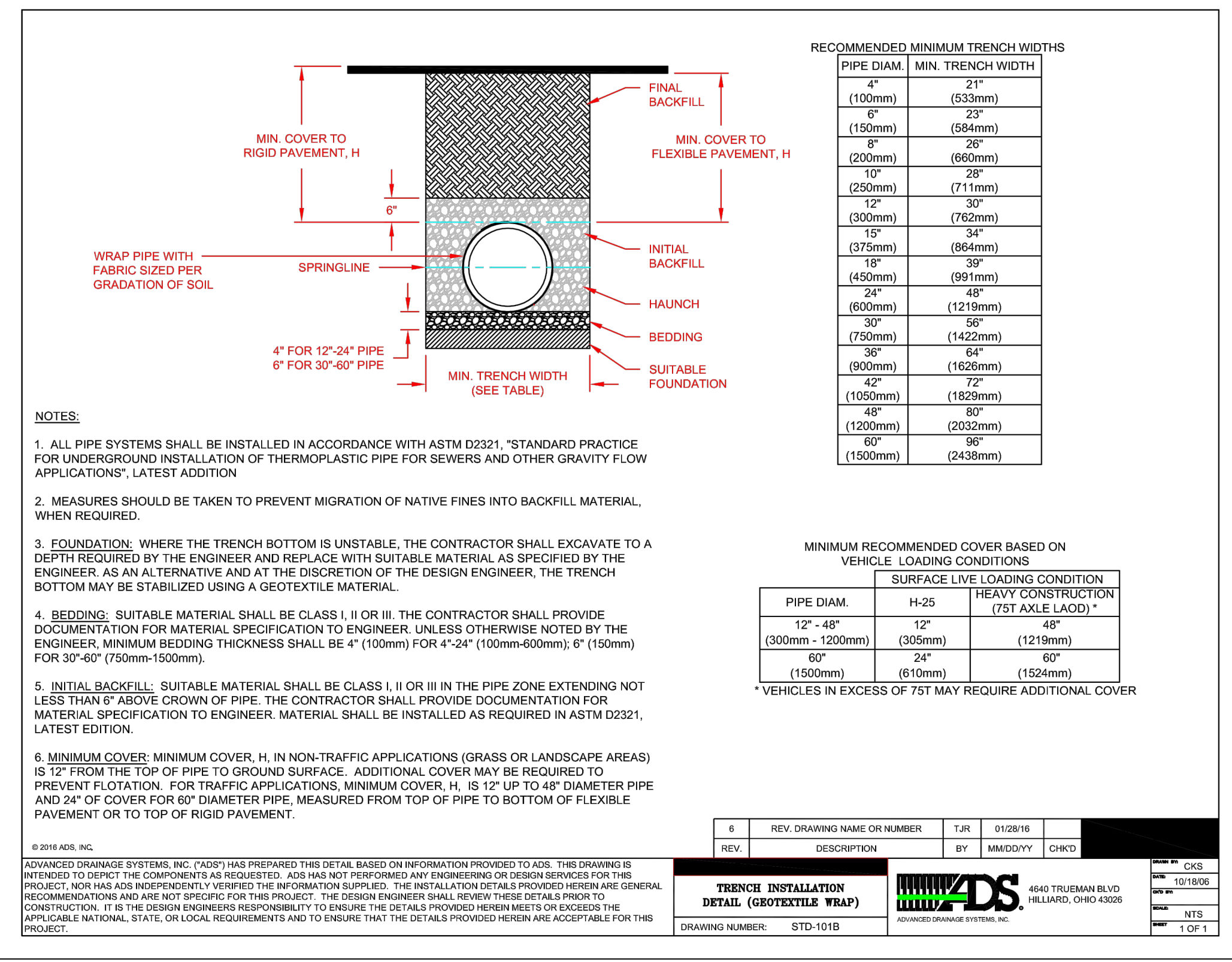


## 12 NYLOPLAST DRAIN BASIN - 12" 13 NYLOPLAST DRAIN BASIN - 24"



W1 = WIDTH OF RIP RAP AT OUTFALL  
W2 = WIDTH OF RIP RAP ON FAR SIDE OF OUTFALL

## 14 OUTLET PROTECTION 15 PIPE BEDDING AND INSTALLATION DETAIL



- GENERAL NOTES:
- ALL HDPE PIPE TO BE DUAL WALL WITH SMOOTH INTERIOR.
  - ALL HDPE PIPE TO BE ADS (OR APPROVED EQUAL).
  - ALL HDPE PIPE TO BE SOIL TIGHT.
  - ALL PIPE BEDDING AND HAUNCHING TO MEET MANUFACTURER STANDARDS.

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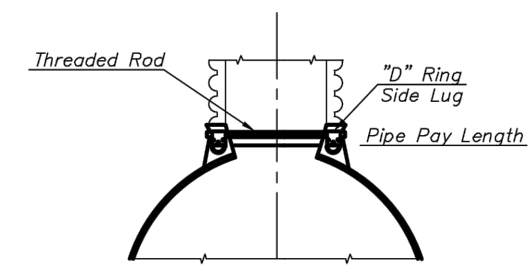
NO.	DATE	REVISION

END SECTIONS FOR HDPE PIPE										
Dia.	Gauge	Weight	*A	*H	*L	*W	Slope	Overall Width		
6"	18	10	4	3	8	12	2	20"		
8"	18	14	5 3/4	4	14 1/2	16	2 1/4	27 1/2"		
10"	18	17	7 5/8	6	14 1/2	20	2 1/2	35 1/4"		
12"	16	25	7	6	21	24	2 1/2	38"		
15"	16	33	8	6	26	30	2 1/2	46"		
18"	16	42	8	6	31	36	2 1/2	52"		
21"	16	49	9	6	36	42	2 1/2	60"		
24"	16	65	10	6	41	48	2 1/2	66"		
30"	14	123	12	8	51	60	2 1/2	84"		
36"	14	135	14	9	60	72	2 1/2	100"		
42"	12	320	16	11	69	84	2 1/2	116"		
48"	12	375	18	12	78	90	2 1/4	126"		
54"	12	440	18	12	84	102	2 1/4	138"		
60"	12/10	610	18	12	87	114	2	150"		

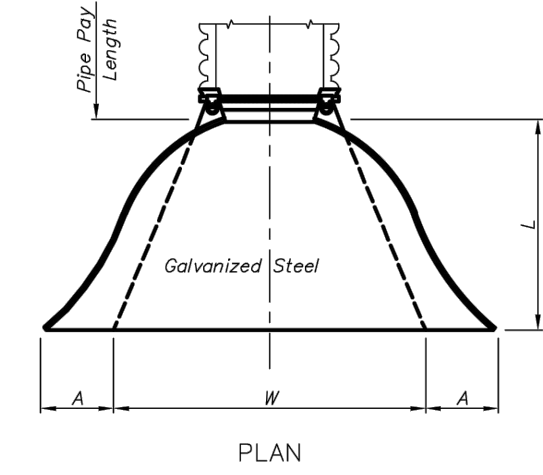
Toe plate extensions where specified, to be punched to match holes in crown top. 3/8" bats to be furnished. The length of toe plate to be as follows: W + 10" for 12" to 30" diameter pipes inclusive. W + 20" for 36" to 60" diameter pipes inclusive.

Multiple panel end sections shall have lap seams which are to be tightly jointed by bolts. Corner plate, and toe plate to be same gauge as end section.

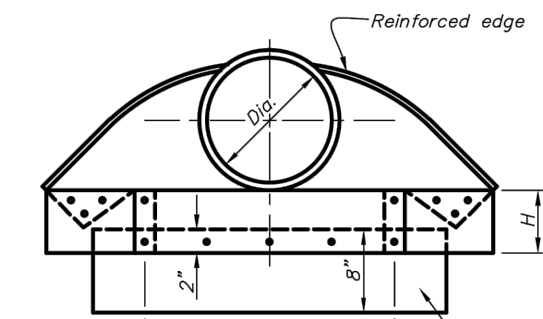
\* - Dimensions in Inches Plus or Minus Standard Shop Tolerance.



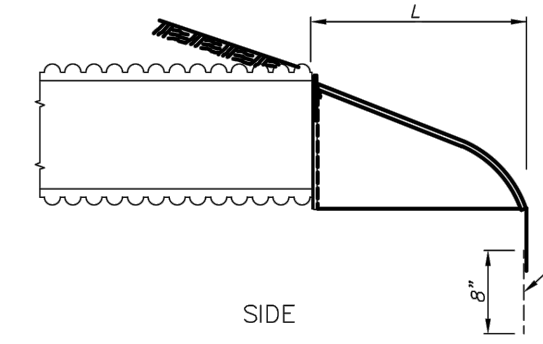
TYPE 2 CONNECTIONS  
(12" & Larger)



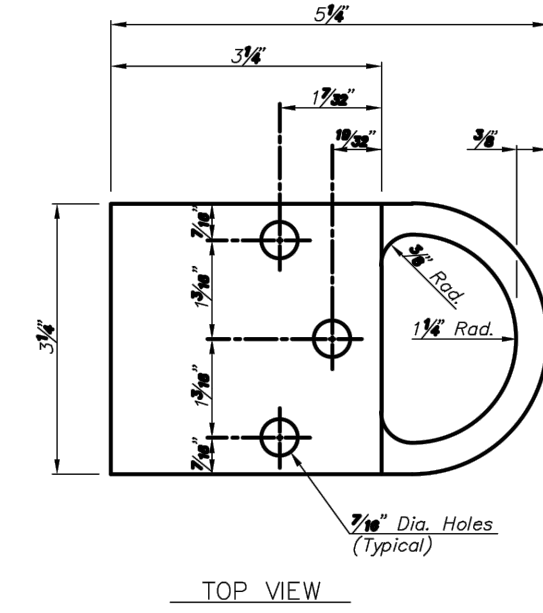
PLAN



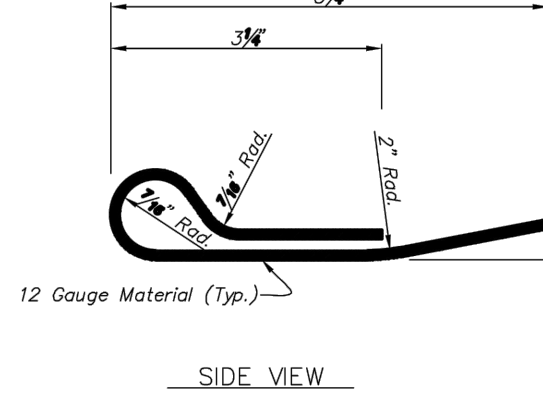
FRONT



SIDE



TOP VIEW



SIDE VIEW

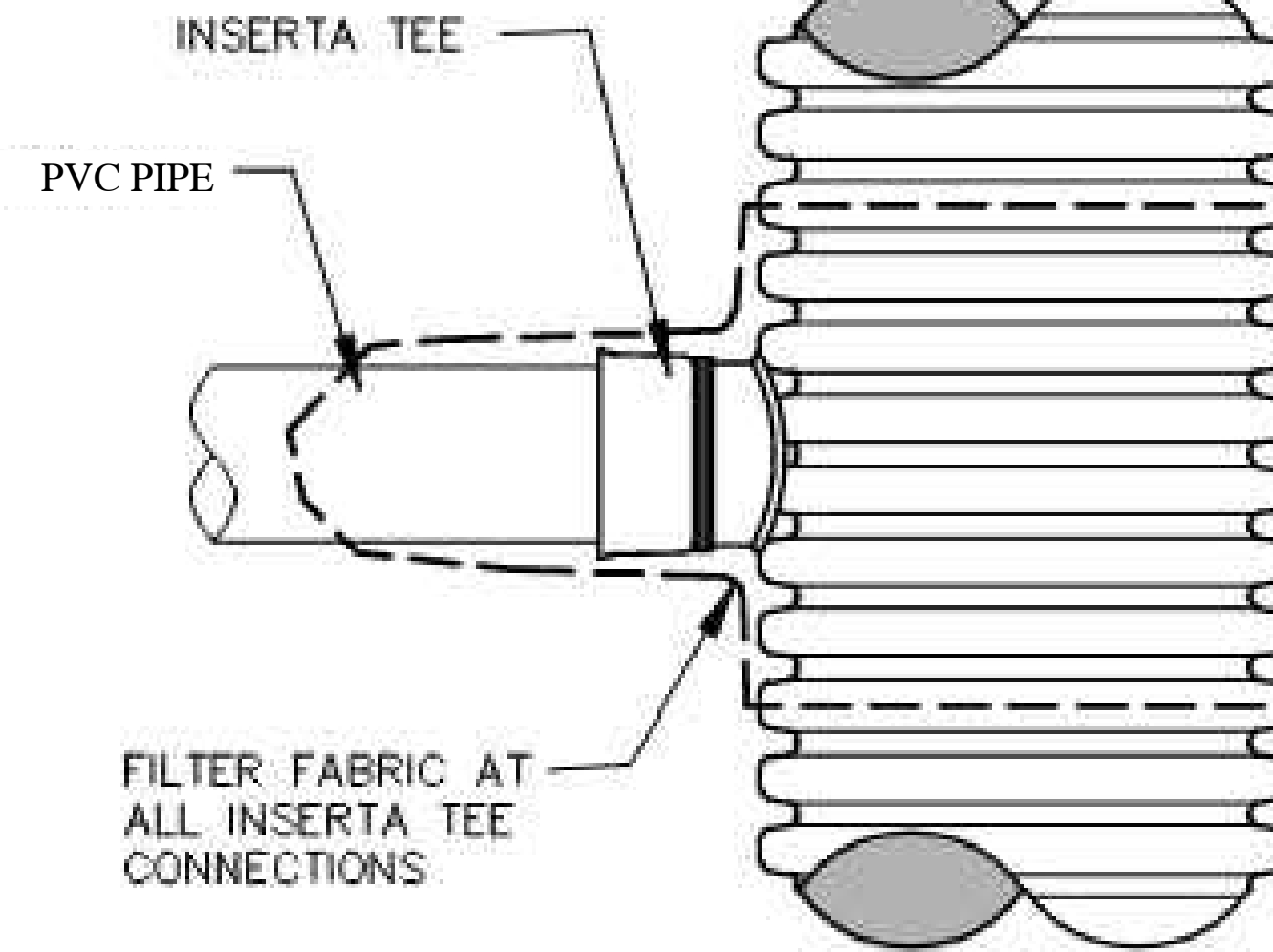
"D" RING SIDE LUG  
TYPE 2 ATTACHMENT DETAILS

No.	Date	Revisions
STANDARD END SECTION FOR HDPE PIPES		

Sept. 2019

SHEET NO. TOTAL SHEETS

HDPE (SMOOTH LINED WITH EXTERIOR CORRUGATIONS) ASTM 3350 CELL CLASS 335420 C, "ADS", OR APPROVED EQUAL.



NOTES:  
1. CONNECTION SHALL BE WATERTIGHT.

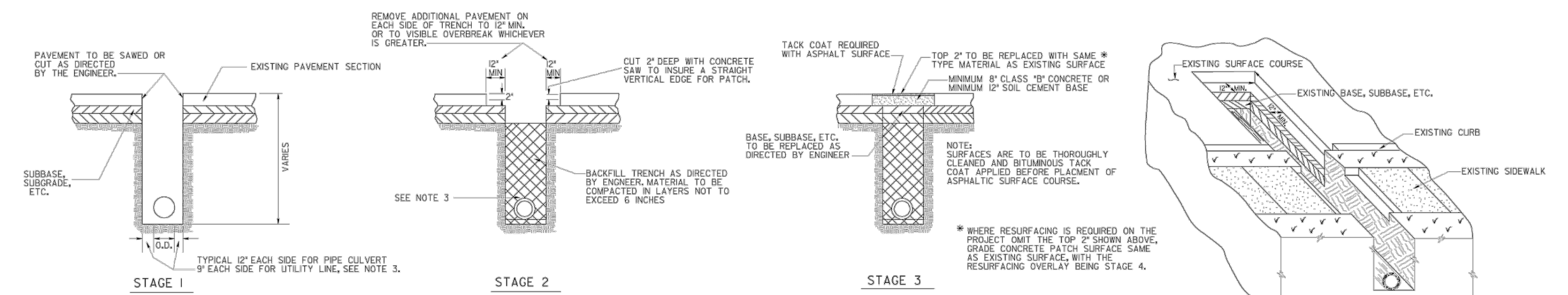
16

FLARED END SECTION - HDPE PIPES

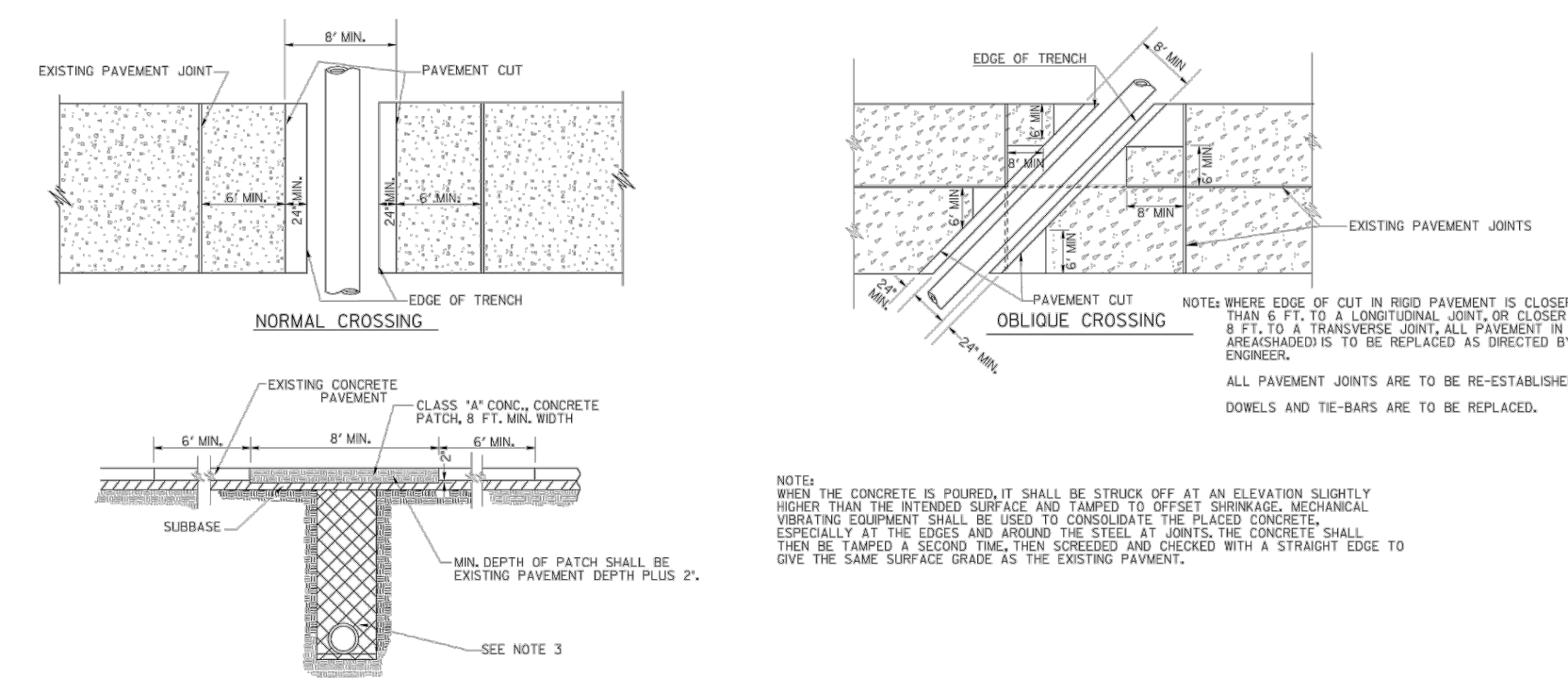
17

INSERTA TEE

STORM DRAIN AND UTILITY INSTALLATION BY OPEN CUT - GENERAL



STORM DRAIN AND UTILITY INSTALLATION BY OPEN CUT ACROSS P.C. CONCRETE PAVING



GENERAL NOTES:  
1. SPECIFICATIONS GEORGIA STANDARD, CURRENT EDITION & SUPPLEMENTS THERE TO.  
2. TOGETHER PAVEMENT REPLACEMENT MATERIALS SUCH AS HIGH EARLY STRENGTH CONCRETE MAY BE SUBSTITUTED FOR MATERIALS SHOWN WHEN CALLED FOR IN THE PLANS OR BY THE ENGINEER.  
3. EQUIPMENT FOR PIPE CULVERT OR UTILITY SHALL INCLUDE SAWING AND/OR CUTTING AND REMOVING EXISTING PAVEMENT AND REPLACING THE PAVEMENT AS SPECIFIED. EQUIPMENT FOR PIPE OR UTILITY INCLUDING THE SAWING AND REPLACEMENT MATERIALS REGARDLESS OF WHERE MATERIALS SHOWN ARE USED OR WHERE OTHER MATERIALS SUCH AS HIGH EARLY STRENGTH CONCRETE ARE USED.  
4. EQUIPMENT FOR PIPE CULVERT OR UTILITY INSTALLATION SHALL INCLUDE REPLACING IN ANY PORTIONS OF GENERAL CURBS OR A CUTTER MEDIUM PAVING, DRIVEWAYS, WHICH ARE DISTURBED DUE TO THE INSTALLATION.  
5. TRENCH DETAIL SHOWN IS GENERAL. SEE STANDARD NOTES FOR DETAILS REQUIRED FOR PIPE CULVERT INSTALLATIONS. SEE THE UTILITIES MANUAL FOR UTILITY INSTALLATION REQUIREMENTS.  
6. AFTER REMOVING EXISTING PAVEMENT, THE SUBBASE AND VERTICAL FACE OF EXISTING PAVING SHALL BE DAMPED BUT NOT BE RE-ESTABLISHED. THE VERTICAL FACE OF THE EXISTING PAVEMENT SHALL BE PAINTED WITH A SOLUTION OF PORTLAND CEMENT AND WATER MIXED TO THE CONSISTENCY OF HEAVY PAINT. THE CONCRETE MAY SHALL THEN BE POURED BEFORE THIS SURFACE IS DAMPED. AFTER CONCRETE IS POURED, IT SHALL BE WORKED INTO ALL CORNERS AND INTO ALL ROUGH SURFACES OF THE EXISTING PAVEMENT.  
7. WHERE PIPE IS REMOVED, BUT NOT REPLACED, PAYMENT FOR PIPE REMOVAL INCLUDES ALL ITEMS DESCRIBED IN GENERAL NOTE 2, WITH ALL OTHER NOTES AND DETAILS ALSO BEING APPLICABLE.

NOTES:  
THIS STANDARD IS FOR USE WHERE PERMANENT PAVEMENT PATCHING IS REQUIRED. TEMPORARY PATCHING, IF REQUIRED, SHALL BE ACCORDING TO OTHER DETAILS, SPECIFICATIONS AND/OR AS DIRECTED BY THE ENGINEER.

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA			
STANDARD			
PAVEMENT PATCHING DETAILS (STORM DRAIN OR UTILITY INSTALLATIONS BY OPEN CUT ACROSS EXISTING PAVEMENT)			
NO. SCALE	REV. & REDD. AUG. 1999		
REV. SUBMITTED BY	APPROVED BY	NUMBER	
CHK.	APPROVED BY	1401	

18

PAVEMENT PATCH DETAIL

NO.	DATE	REVISION

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager:  
SAM SERIO, P.E.  
Drawn By: BAF  
Checked By: AJH  
Date: 10/21/2022  
Scale: As Shown

Project No.: 220265  
Drawing No.: D.4.0

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**Polygon Wood Shelter Specification Form**

by **PORTERcorp**  
 PORTERCORP, 4240 N. 136th AVE., HOLLAND, MI 49424  
 www.polygon.com 616-399-1963

PROJECT NAME: \_\_\_\_\_  
 PROJECT LOCATION: \_\_\_\_\_  
 CUSTOMER NAME: \_\_\_\_\_  
 E-MAIL: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_  
 ADDRESS 2: \_\_\_\_\_  
 CITY: \_\_\_\_\_  
 STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_  
 PHONE: \_\_\_\_\_ FAX: \_\_\_\_\_  
 SEISMIC DESIGN: \_\_\_\_\_ BLDG CODE: \_\_\_\_\_

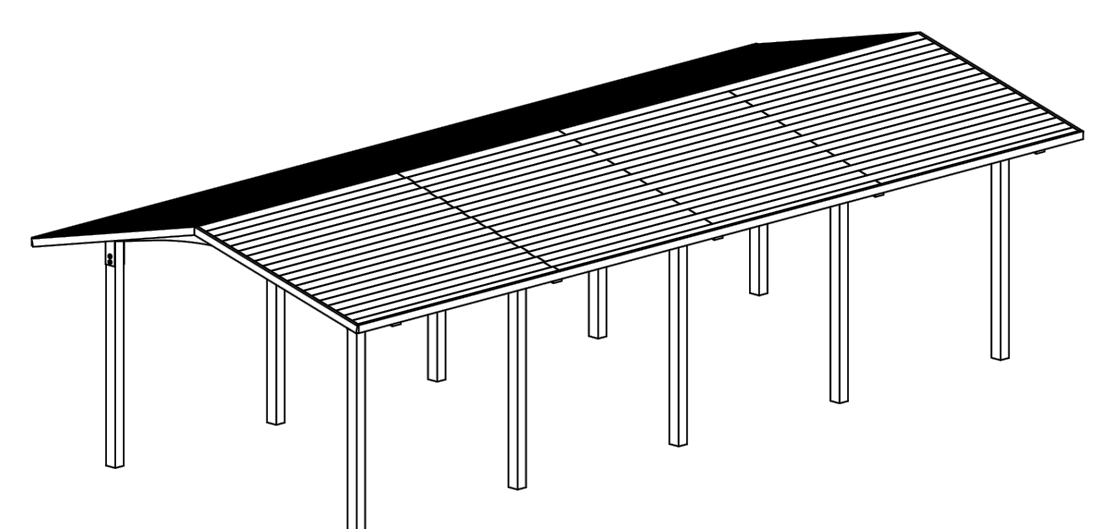
**STANDARD WITH THIS BUILDING:**

- Treated gluelam wooden columns
- Wooden trusses and purlins
- Structural steel, hot dip galvanized connection plates
- Hot dipped galvanized structural fasteners
- 2X6 SYP tongue and groove primary roof
- Asphalt shingles with felt and trim
- Pre-drilled plates and gluelams
- Embedded column
- 3:12 pitch
- 8'-0" under eave height
- 30 PSF snow load
- 120 MPH wind load

**SELECT MODIFICATIONS TO A STANDARD:**

- See website for multi-rib roof color choices and wood stain choices: [www.polygon.com](http://www.polygon.com)
- Kynar Multi-rib metal roof instead of asphalt shingles - Roof color: \_\_\_\_\_
  - Stained tongue and groove roof - Stain choice: \_\_\_\_\_
  - Stained columns and trusses - Stain choice: \_\_\_\_\_
  - Increase snow load: \_\_\_\_\_
  - Increase wind load: \_\_\_\_\_
  - Increase under eave height (up to 12'): \_\_\_\_\_
  - Substitute surface mount for embedded column

**Low Pitched Gable Wood Shelter WLG**



**Standard Available Sizes**

<input type="checkbox"/> WLG 16X20	<input type="checkbox"/> WLG 20X36	<input type="checkbox"/> WLG 24X44	<input type="checkbox"/> WLG 30X60	<input type="checkbox"/> WLG 40X44
<input type="checkbox"/> WLG 16X28	<input type="checkbox"/> WLG 20X44	<input type="checkbox"/> WLG 24X52	<input type="checkbox"/> WLG 36X36	<input type="checkbox"/> WLG 40X52
<input type="checkbox"/> WLG 16X36	<input type="checkbox"/> WLG 20X52	<input type="checkbox"/> WLG 30X36	<input type="checkbox"/> WLG 36X44	<input type="checkbox"/> WLG 40X60
<input type="checkbox"/> WLG 16X44	<input type="checkbox"/> WLG 24X28	<input type="checkbox"/> WLG 30X44	<input type="checkbox"/> WLG 36X52	<input type="checkbox"/> WLG 50X52
<input type="checkbox"/> WLG 20X28	<input type="checkbox"/> WLG 24X36	<input type="checkbox"/> WLG 30X52	<input type="checkbox"/> WLG 36X60	<input type="checkbox"/> WLG 50X60

**Sheet Index**

- COVER SHEET / ORDER FORM
- ELEVATION VIEWS
- STRUCTURAL FRAME
- COLUMN LAYOUT

See website for multi-rib roof color choices and wood stain choices.  
[www.polygon.com](http://www.polygon.com)

OR APPROVED EQUAL

SHELTER MODEL: **WOOD RECTANGLE WLG**  
 SCALE: 1:40 REV LEVEL: A DATE: 9/11/2011

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by **PORTERcorp**  
 PORTERCORP, 4240 N. 136th AVE., HOLLAND, MI 49424  
 www.polygon.com 616-399-1963

SHEET **COVER SHEET**

NOTE: THIS IS A PLANNING LEVEL DRAWING. THE STRUCTURE SHOWN IS SUBJECT TO ON-GOING DESIGN REVIEW AND UPDATE. EXPECT SOME CHANGES TO MATERIAL SIZES AND GENERAL DIMENSIONS. ONLY USE DRAWINGS PROVIDED WITH ENGINEERED STRUCTURES FOR CONSTRUCTION.

TONGUE & GROOVE ROOF

OR APPROVED EQUAL  
 THIS SHELTER PROVIDES 576 SQ. FT. OF SHADE.

SHELTER MODEL: **WOOD RECTANGLE 16X36 WLG 16X36**  
 SCALE: 1:70 REV LEVEL: A DATE: 9/11/2011

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 PORTERCORP, 4240 N. 136th AVE., HOLLAND, MI 49424  
 www.polygon.com 616-399-1963

SHEET **ELEVATION VIEWS**

NOTE: THIS IS A PLANNING LEVEL DRAWING. THE STRUCTURE SHOWN IS SUBJECT TO ON-GOING DESIGN REVIEW AND UPDATE. EXPECT SOME CHANGES TO MATERIAL SIZES AND GENERAL DIMENSIONS. ONLY USE DRAWINGS PROVIDED WITH ENGINEERED STRUCTURES FOR CONSTRUCTION.

OR APPROVED EQUAL

SHELTER MODEL: **WOOD RECTANGLE 16X36 WLG-16X36**  
 SCALE: 1:70 REV LEVEL: A DATE: 9/11/2011

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SHEET **FRAME VIEWS**

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REFER TO ANCHOR AND FOOTING DOWNLOAD SHEETS FOR GENERAL INFORMATION ON BOTH ANCHOR ATTACHMENT AND TYPICAL FOOTING TYPES. ANCHOR ATTACHMENT AND FOOTING DESIGNS ARE SITE AND SITUATION SPECIFIC AND ARE INTEGRAL TO THE FINAL SHELTER DESIGN.

DO NOT POUR FOOTING OR INSTALL ANCHOR BOLTS WITHOUT JOB SPECIFIC ANCHOR AND FOOTING DESIGN DRAWINGS.

ALL POLYGON COLUMN ANCHORING SYSTEMS ARE OSHA COMPLIANT.

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SHELTER MODEL: **WOOD RECTANGLE 16X36 WLG-16X36**  
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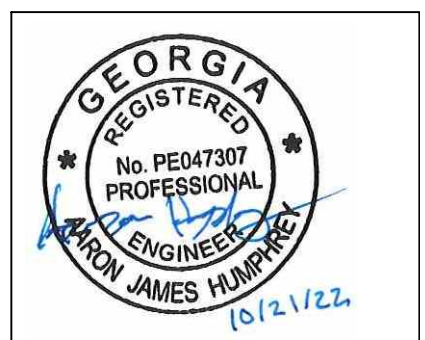
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SHEET **COLUMN LAYOUT**

**NOTES:**  
 1. BASIS OF DESIGN: POLYGON SHELTER IS TO BE BID ALTERNATE #1. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR APPROVAL.  
 2. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR FOOTINGS OF POLYGON STRUCTURE FOR APPROVAL.

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 (404) 598-1800  
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NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12

**ALTERNATE #1 - SHELTER DETAILS**

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager:	SAM SERIO, P.E.
Drawn By:	Checked By: AJH
Date:	10/21/2022
Scale:	As Shown
Project No.:	220265
Drawing No.:	D.5.0

# Erosion & Sedimentation Control Plan for the DORTHEA REDWINE PARK PHASE ONE

Town Project No.: PW-2022-12  
Tyrone, Georgia  
October 21, 2022

## OWNED BY:

City of Tyrone  
950 Senoia Road  
Tyrone, GA 30290  
(770) 487-4038

## DEVELOPED BY:

Keck and Wood, Inc.  
3090 Premiere Parkway, Suite 900  
Duluth, GA 30097  
(678) 417-4000

### GENERAL EROSION CONTROL NOTES:

- OWNER/DEVELOPER:  
TOWN OF TYRONE, GA  
950 Senoia Road  
Tyrone, GA 30290
- CONTRACTOR:  
TO BE PROVIDED AFTER  
CONTRACT IS AWARDED
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES. EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLANS IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE FINAL PROPOSED DRAINAGE PATTERNS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION AND SEDIMENT CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY AFTER ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
- REMOVE ALL DEBRIS FROM THE PROJECT SITE AND DISPOSE OF IT IN A LEGAL MANNER.
- THIS DRAWING IS FOR EROSION CONTROL PURPOSES ONLY. PROVISIONS TO PREVENT EROSION OF THE SOIL OFF THE SITE SHALL CONFORM TO THE REQUIREMENTS OF THE EROSION AND SEDIMENTATION ACT OF 1975 AS SHOWN HEREON AND STIPULATED IN THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA BY STATE SOIL AND WATER CONSERVATION COMMISSION. THE PROVISIONS IN THE MANUAL SHALL BE FOLLOWED AND INSTALLED IN A MANNER SO AS TO MINIMIZE EROSION OF THE DISTURBED AREAS AND PREVENT SEDIMENT FROM LEAVING THE SITE.
- THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBING ACTIVITIES TAKE PLACE AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED AND PERMANENT VEGETATION HAS BEEN ESTABLISHED.
- THE EROSION CONTROL MEASURES DETAILED HEREON SHALL BE CONTINUED UNTIL THE PERMANENT VEGETATION ON PLANTED GRADES AND SLOPES IS SUFFICIENTLY ESTABLISHED TO BE AN EFFECTIVE EROSION DETERRENT. THE SEDIMENT REMOVED FROM THE CONTROL STRUCTURES SHALL BE EVENLY DISTRIBUTED UPSTREAM OF EROSION CONTROL MEASURES. DISPOSSED SEDIMENT SHALL BE PERMANENTLY GRASSED.
- SILT FENCE SHALL BE PLACED DOWN GRADIENT OF ALL STOCKPILED SOIL OR BORROW AREAS AND ON ALL SLOPES THAT EXCEED 1:5:1.
- ALL VEGETATIVE STABILIZATION SHALL BE ACCOMPLISHED AS SOON AS CONSTRUCTION PERMITS. IF LAND-DISTURBING ACTIVITIES CEASE FOR MORE THAN 14 DAYS, CONTRACTOR IS RESPONSIBLE FOR STABILIZING DISTURBED AREAS WITH TEMPORARY VEGETATION OR MULCH.
- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES UNTIL PERMANENT VEGETATION HAS BEEN ESTABLISHED. CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.

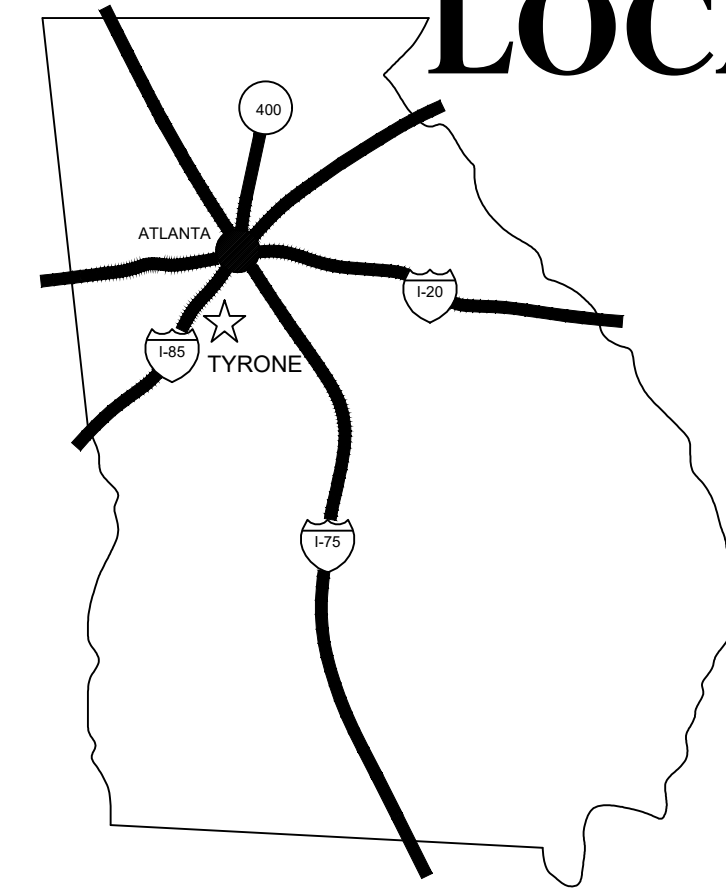
### 24 HR. CONTACT/PRIMARY PERMITEE:

OWNER: TOWN OF TYRONE  
CONTACT PERSON: BRANDON PERKINS  
PHONE: (770) 487-4038  
ADDRESS: 950 SENOIA ROAD  
TYRONE, GA 30290  
EMAIL: BPERKINS@TYRONE.ORG



Know what's below.  
Call before you dig.

## PROJECT LOCATION



AREA MAP  
N.T.S.



LOCATION MAP  
SCALE: 1 = 1500'



### EROSION CONTROL CERTIFICATION:

"I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION."

*Jason A. Phipps* CERTIFICATION # 0000070434  
DESIGN PROFESSIONAL

CONSTRUCTION EXIT LOCATION:  
LATITUDE: 33.4704492  
LONGITUDE: -84.59764

TOTAL SITE ACREAGE = 2.01 AC  
TOTAL DISTURBED ACREAGE = 0.98 AC

### INDEX

SHEET EC.1.0	ESPCP COVER SHEET
SHEET EC.1.1	ESPCP NOTES
SHEET EC.1.2	ESPCP NOTES & LEGEND
SHEET EC.1.3	ESPCP - PHASE 1
SHEET EC.1.4	ESPCP - PHASE 2
SHEET EC.1.5	ESPCP - PHASE 3
SHEET EC.1.6	ESPCP DETAILS
SHEET EC.1.7	ESPCP DETAILS

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NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
TYRONE, GEORGIA  
TOWN PROJECT NO.: PW-2022-12  
**ESPCP COVER SHEET**

THIS BAR IS  
1 INCH LONG  
PLOTTED FULL SCALE

Project Manager:  
SAM SERIO, P.E.  
Drawn By: BAF Checked By: AJH  
Date: 10/21/2022  
Scale: As Shown

Project No.:  
220265  
Drawing No.:  
EC.1.0





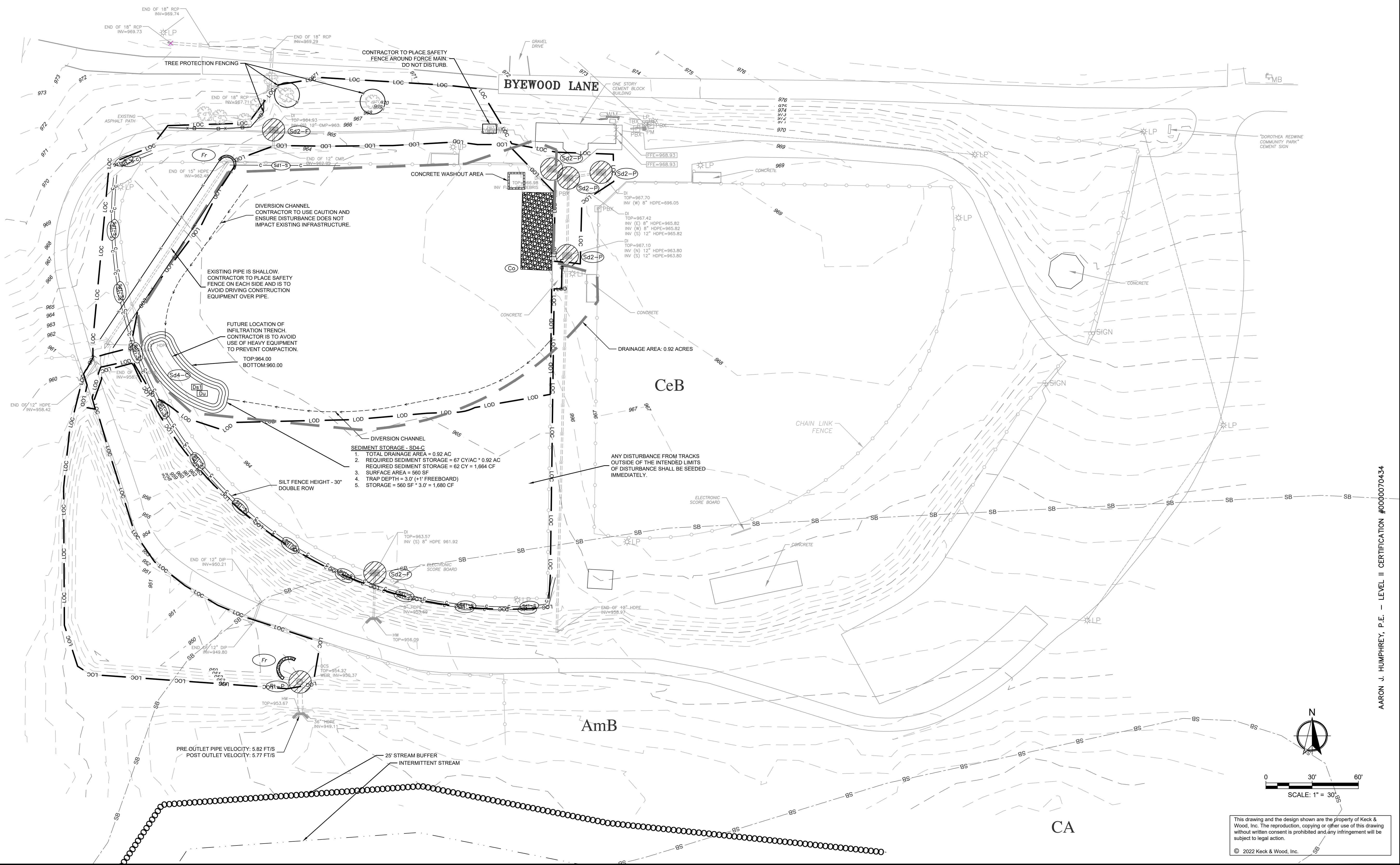


NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**ESPCP - PHASE 1**

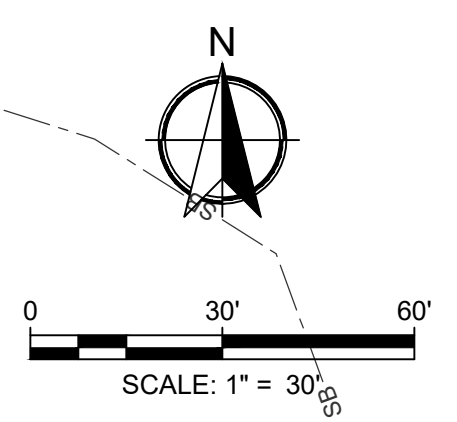
THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager: SAM SERIO, P.E.	Checked By: AJH
Drawn By: BAF	
Date: 10/21/2022	
Scale: As Shown	
Project No.: 220265	
Drawing No.: EC.1.3	



- SEDIMENT STORAGE - Sd4-C**
- TOTAL DRAINAGE AREA = 0.92 AC
  - REQUIRED SEDIMENT STORAGE = 67 CY/AC \* 0.92 AC
  - SURFACE AREA = 560 SF
  - TRAP DEPTH = 3.0' (+1' FREEBOARD)
  - STORAGE = 560 SF \* 3.0' = 1,680 CF

PRE OUTLET PIPE VELOCITY: 5.82 FT/S  
 POST OUTLET VELOCITY: 5.77 FT/S



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NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**ESPCP - PHASE 2**

THIS BAR IS  
 1 INCH LONG  
 PLOTTED FULL SCALE

Project Manager:  
 SAM SERIO, P.E.

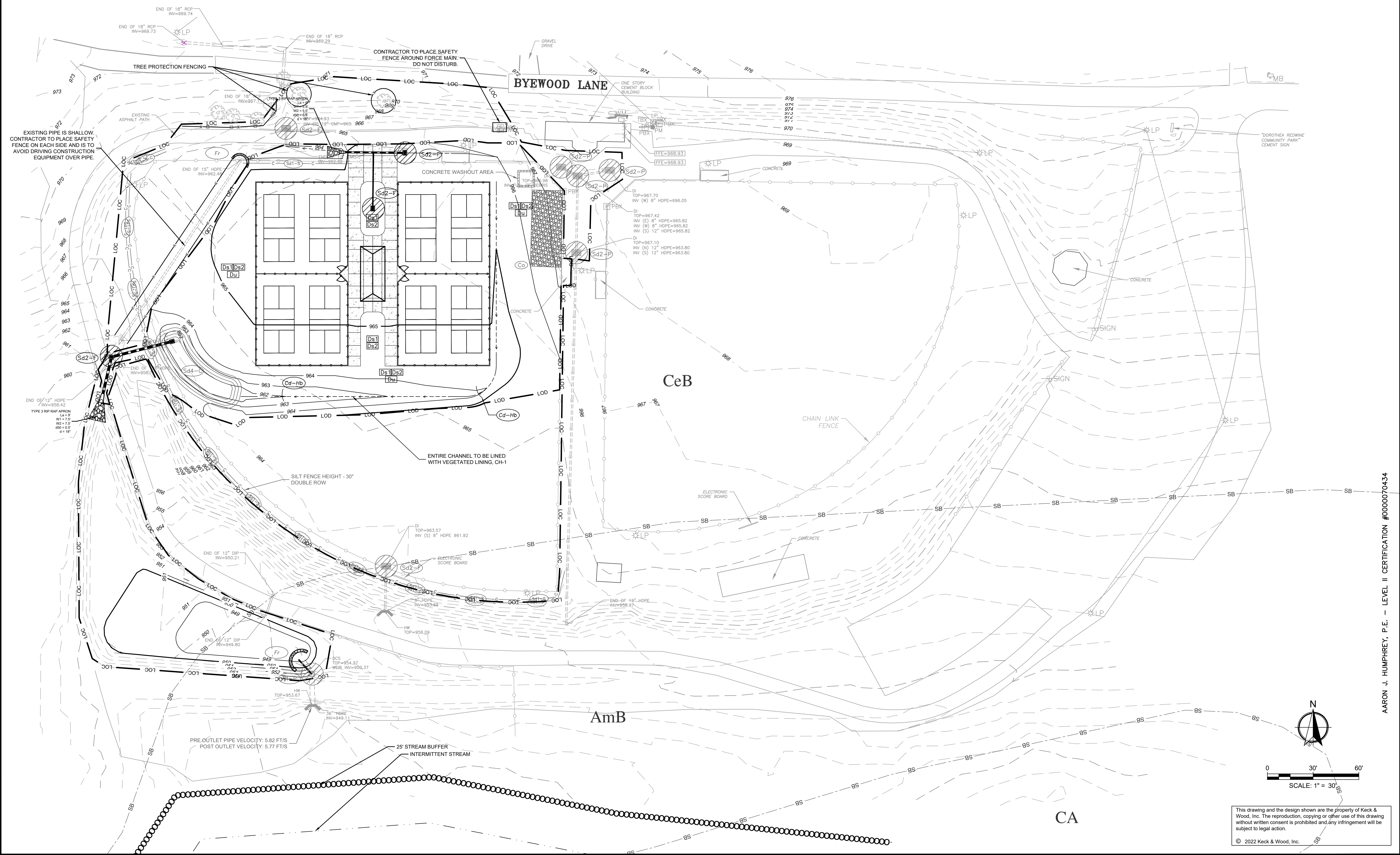
Drawn By: BAF      Checked By: AJH

Date: 10/21/2022

Scale: As Shown

Project No.: 220265

Drawing No.: EC.14



AARON J. HUMPHREY, P.E. - LEVEL II CERTIFICATION #0000070434



NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
TYRONE, GEORGIA  
TOWN PROJECT NO.: PW-2022-12  
**ESPCP - PHASE 3**

THIS BAR IS  
1 INCH LONG  
PLOTTED FULL SCALE

Project Manager:  
SAM SERIO, P.E.

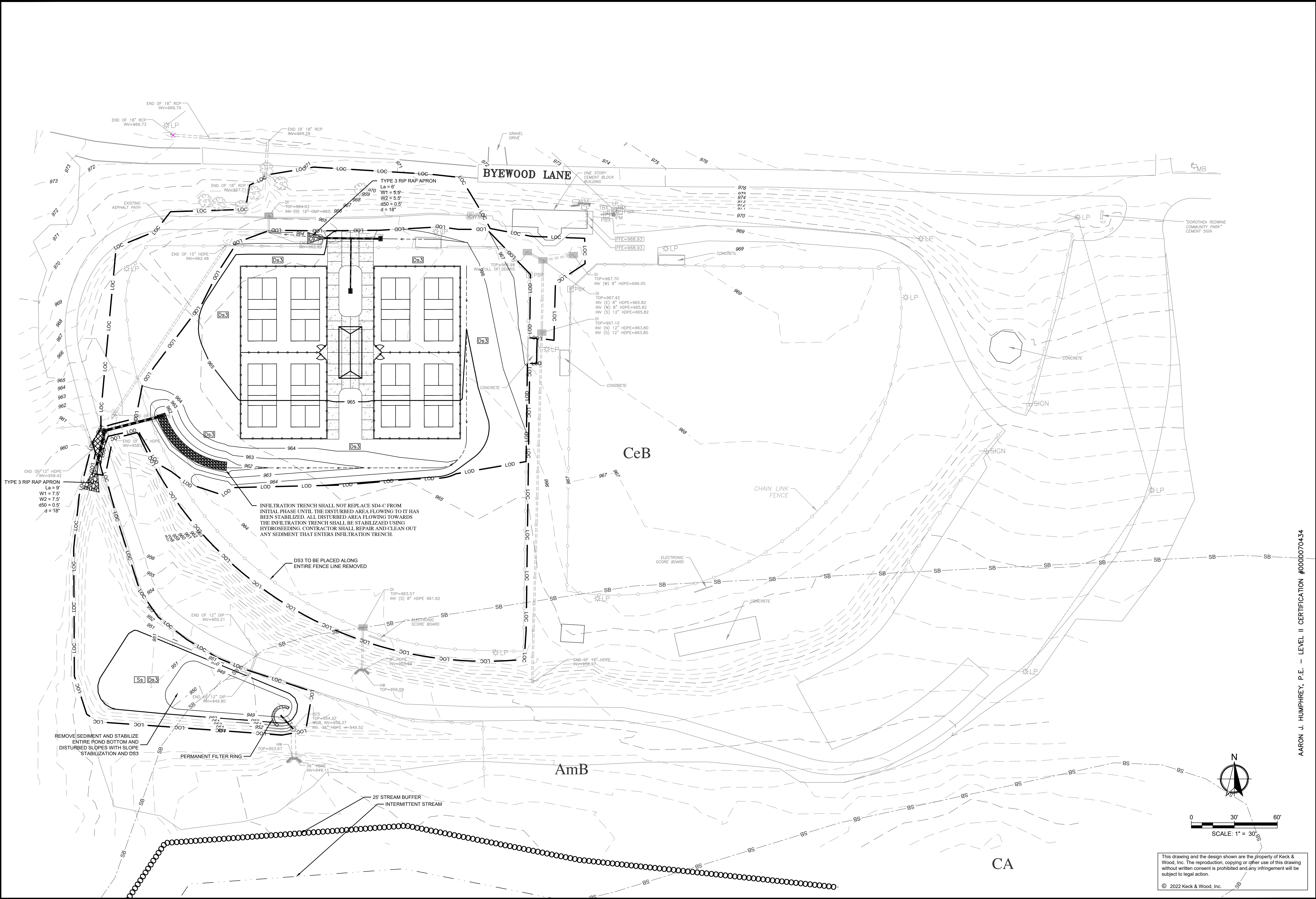
Drawn By: BAF      Checked By: AJH

Date: 10/21/2022

Scale: As Shown

Project No.: 220265

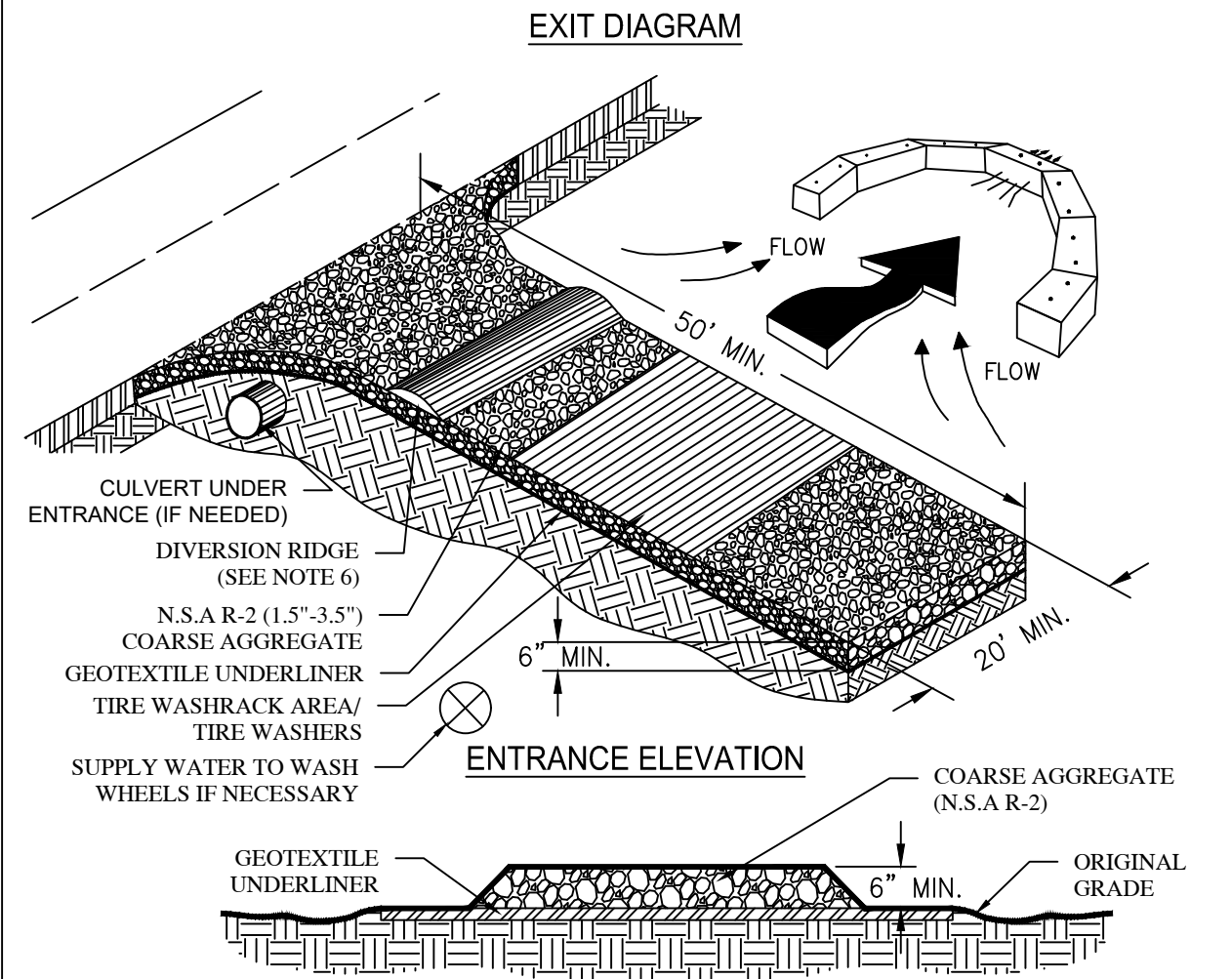
Drawing No.: EC.1.5



AARON J. HUMPHREY, P.E. - LEVEL II CERTIFICATION #0000070434

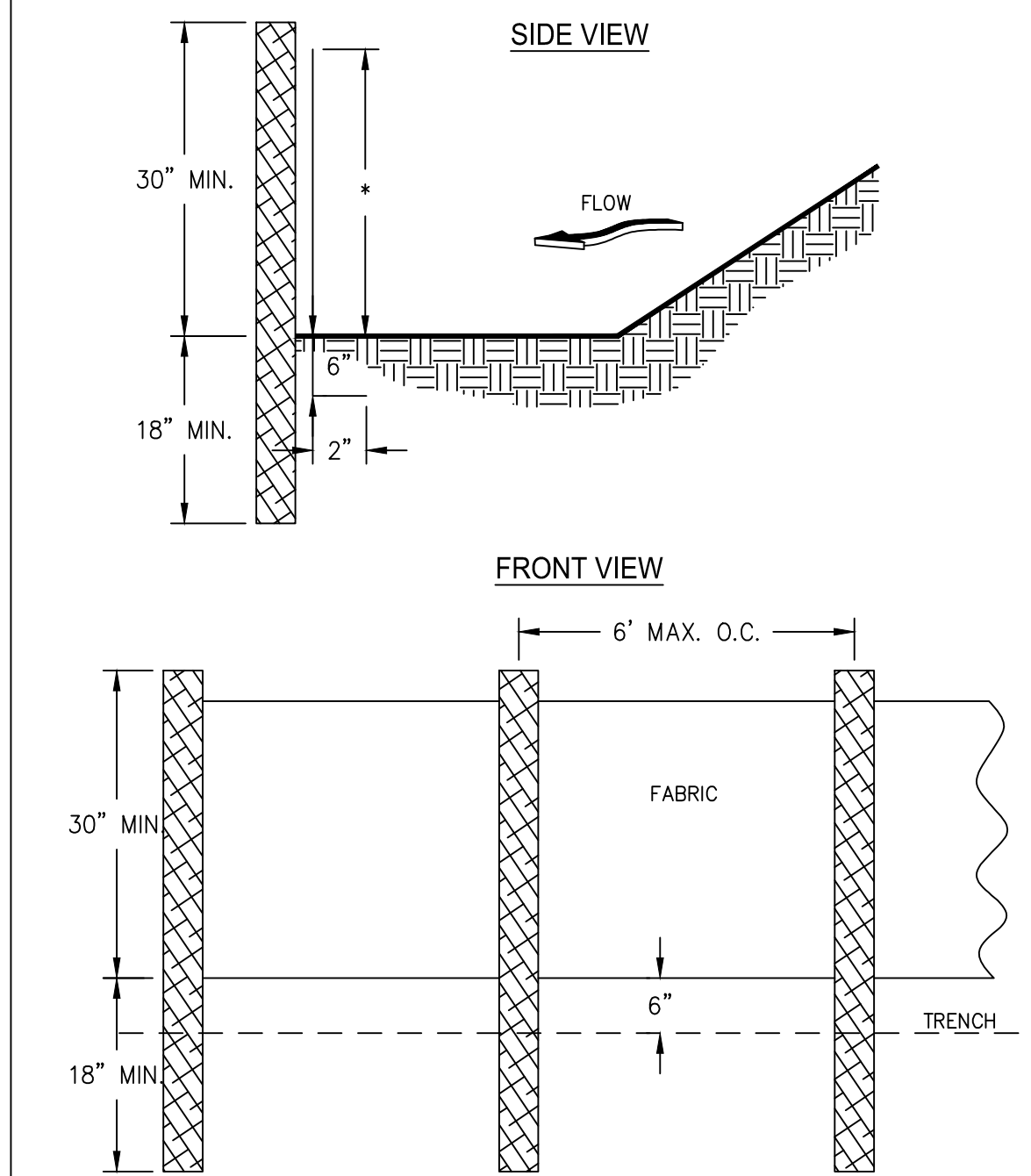
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### CRUSHED STONE CONSTRUCTION EXIT



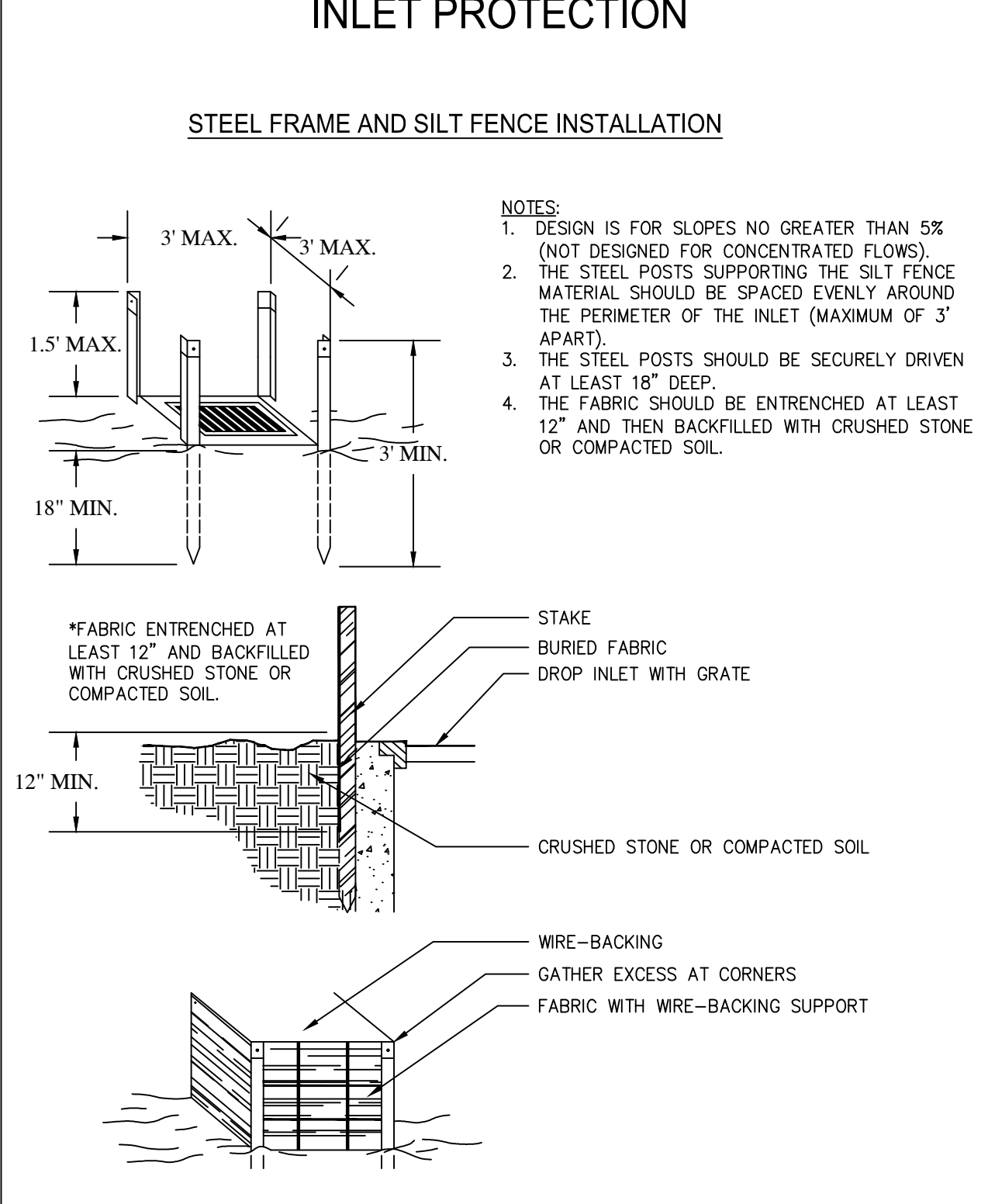
- NOTES:**
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
  2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
  3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
  4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
  5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20'.
  6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
  7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DITCHES.
  8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
  9. WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
  10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

### SILT FENCE - TYPE SENSITIVE



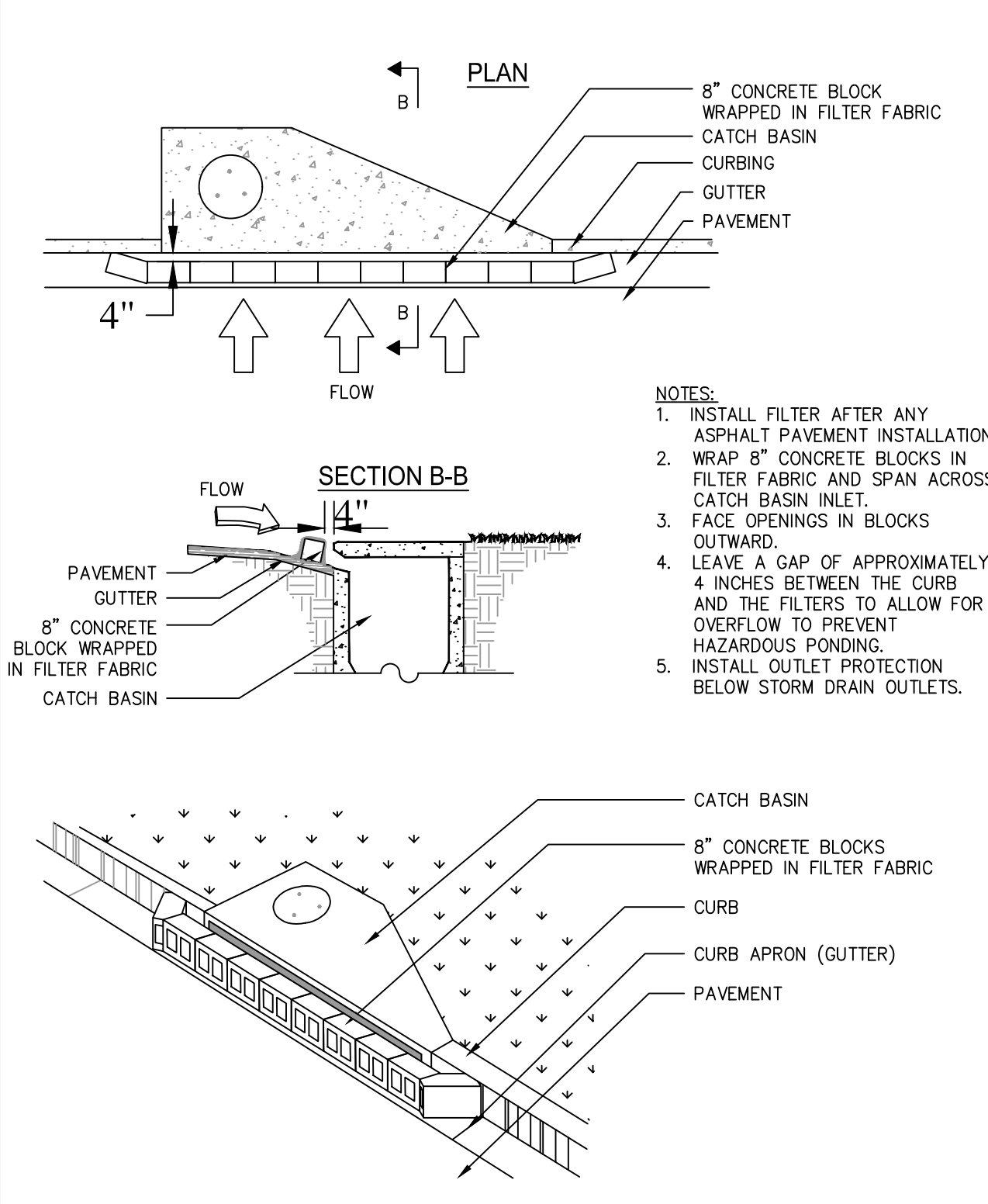
- NOTES:**
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
  2. HEIGHT (H) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
  3. DOUBLE ROW SILT FENCE TO BE BACKED BY HAY BALES.

### FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION



- NOTES:**
1. DESIGN IS FOR SLOPES NO GREATER THAN 5% (NOT DESIGNED FOR CONCENTRATED FLOWS).
  2. THE STEEL POSTS SUPPORTING THE SILT FENCE MATERIAL SHOULD BE SPACED EVENLY AROUND THE PERIMETER OF THE INLET (MAXIMUM OF 3' APART).
  3. THE STEEL POSTS SHOULD BE SECURELY DRIVEN AT LEAST 18" DEEP.
  4. THE FABRIC SHOULD BE ENTRENCHED AT LEAST 12" AND THEN BACKFILLED WITH CRUSHED STONE OR COMPACTED SOIL.

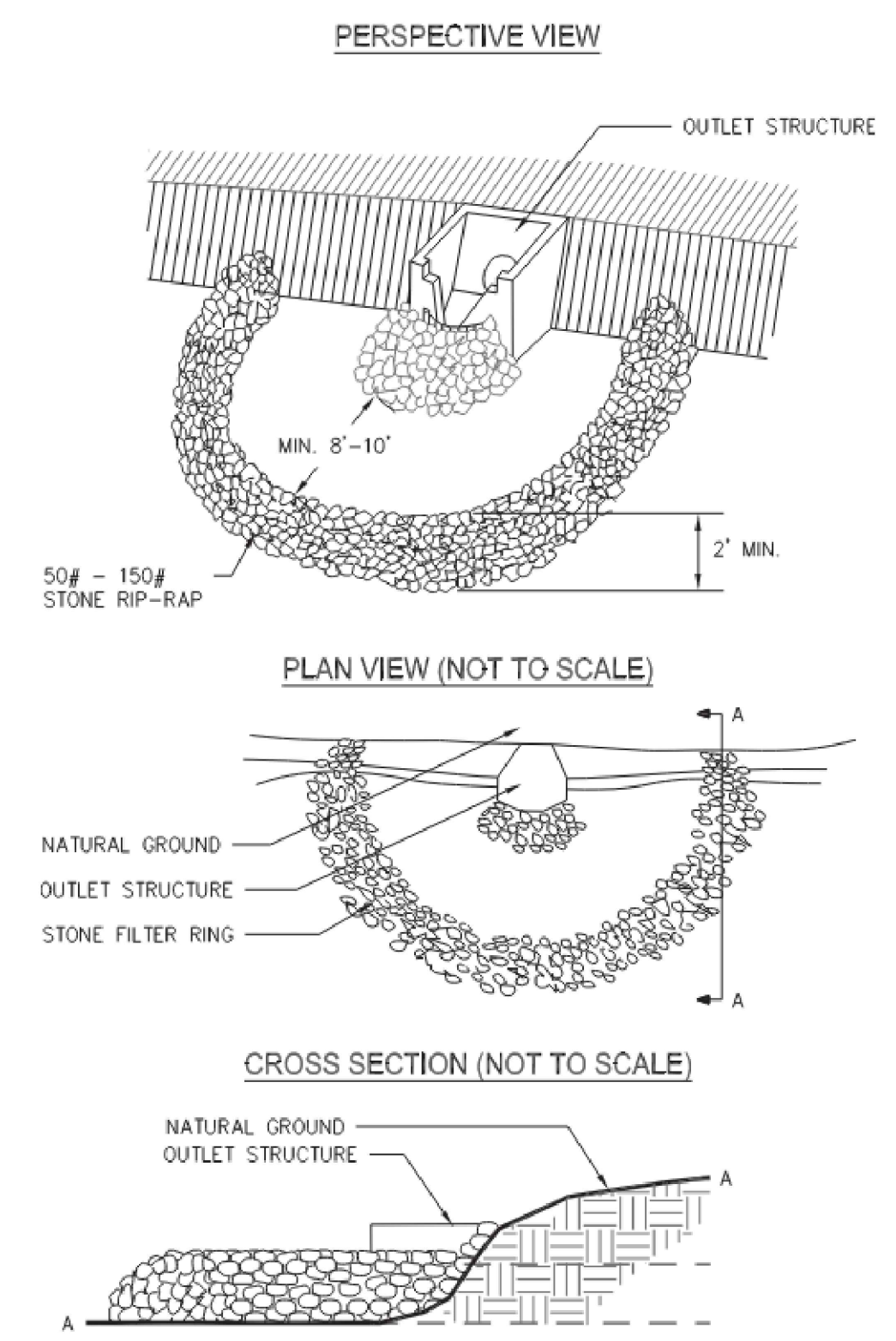
### CURB INLET FILTER "PIGS IN BLANKET"



- NOTES:**
1. INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
  2. WRAP 8" CONCRETE BLOCKS IN FILTER FABRIC AND SPAN ACROSS CATCH BASIN INLET.
  3. FACE OPENINGS IN BLOCKS OUTWARD.
  4. LEAVE A GAP OF APPROXIMATELY 4 INCHES BETWEEN THE CURB AND THE FILTERS TO ALLOW FOR OVERFLOW TO PREVENT HAZARDOUS PONDING.
  5. INSTALL OUTLET PROTECTION BELOW STORM DRAIN OUTLETS.

### CONSTRUCTION EXIT - Co

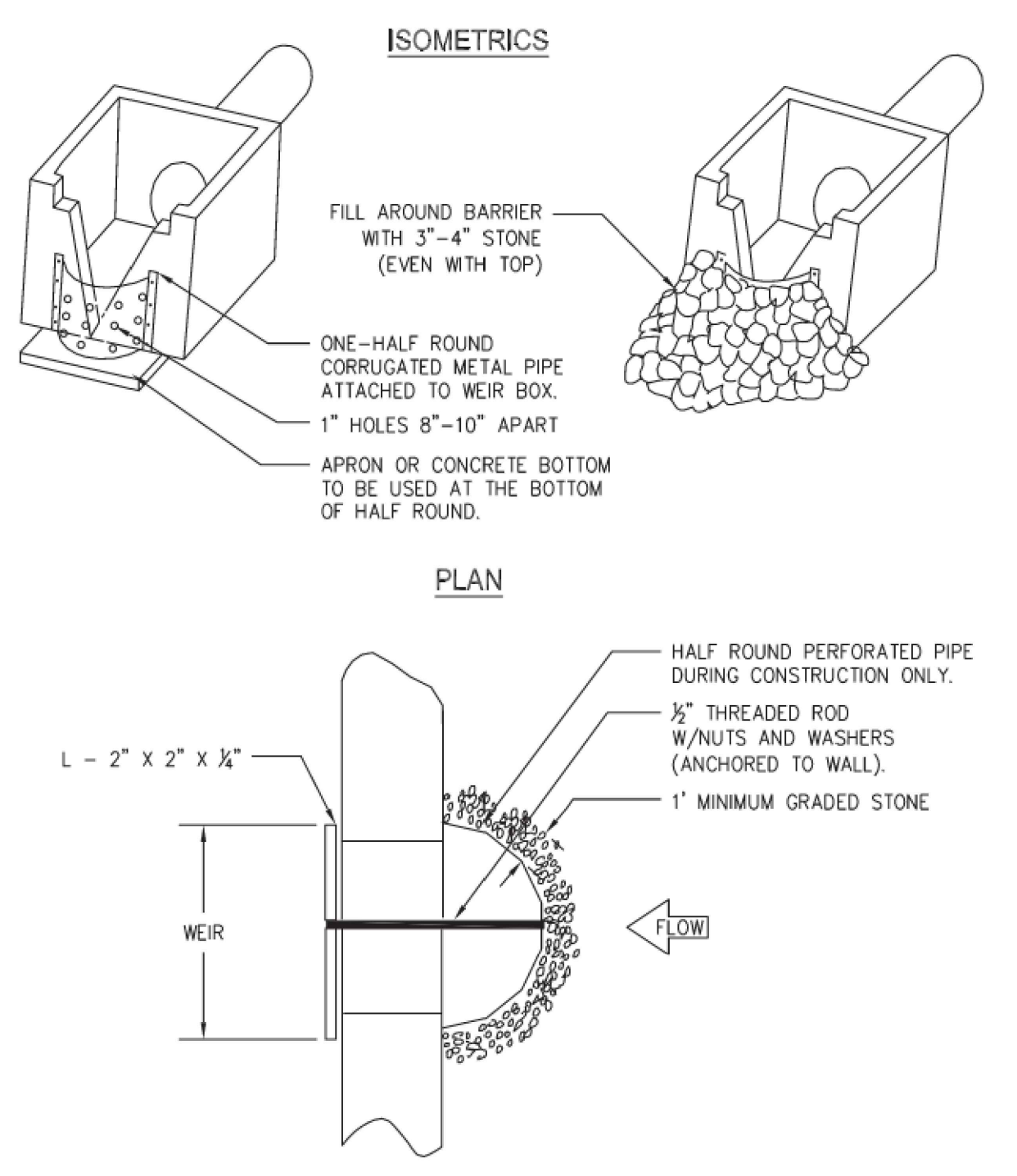
### STONE FILTER RING



### FILTER RING - Fr

### SILT FENCE - SENSITIVE - Sd1-S

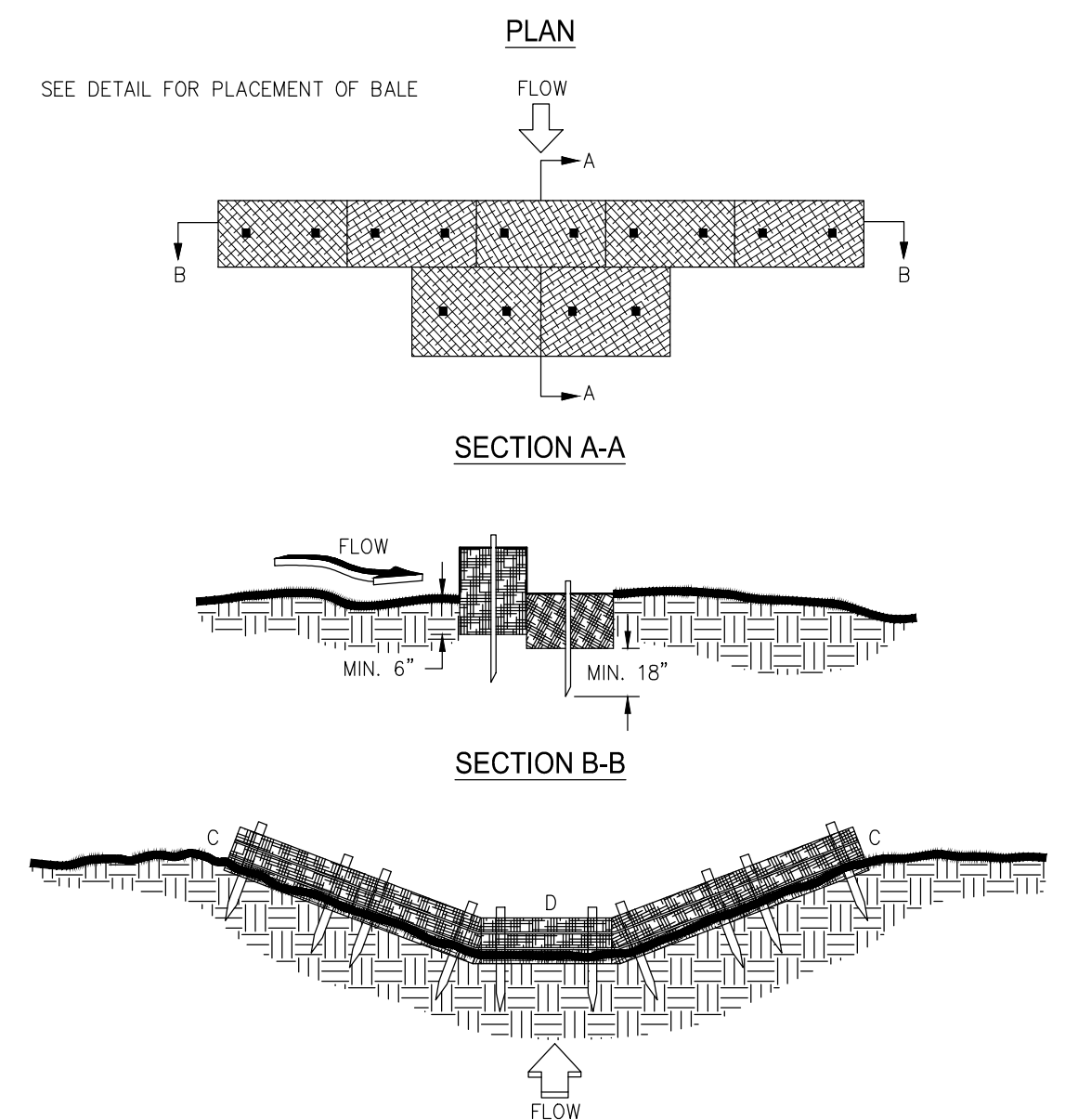
### PERFORATED HALF-ROUND PIPE WITH STONE FILTER



### RETROFITTING - Rt-P

### INLET PROTECTION - Sd2-F

### TYPICAL STRAW BALE CHECK DAM

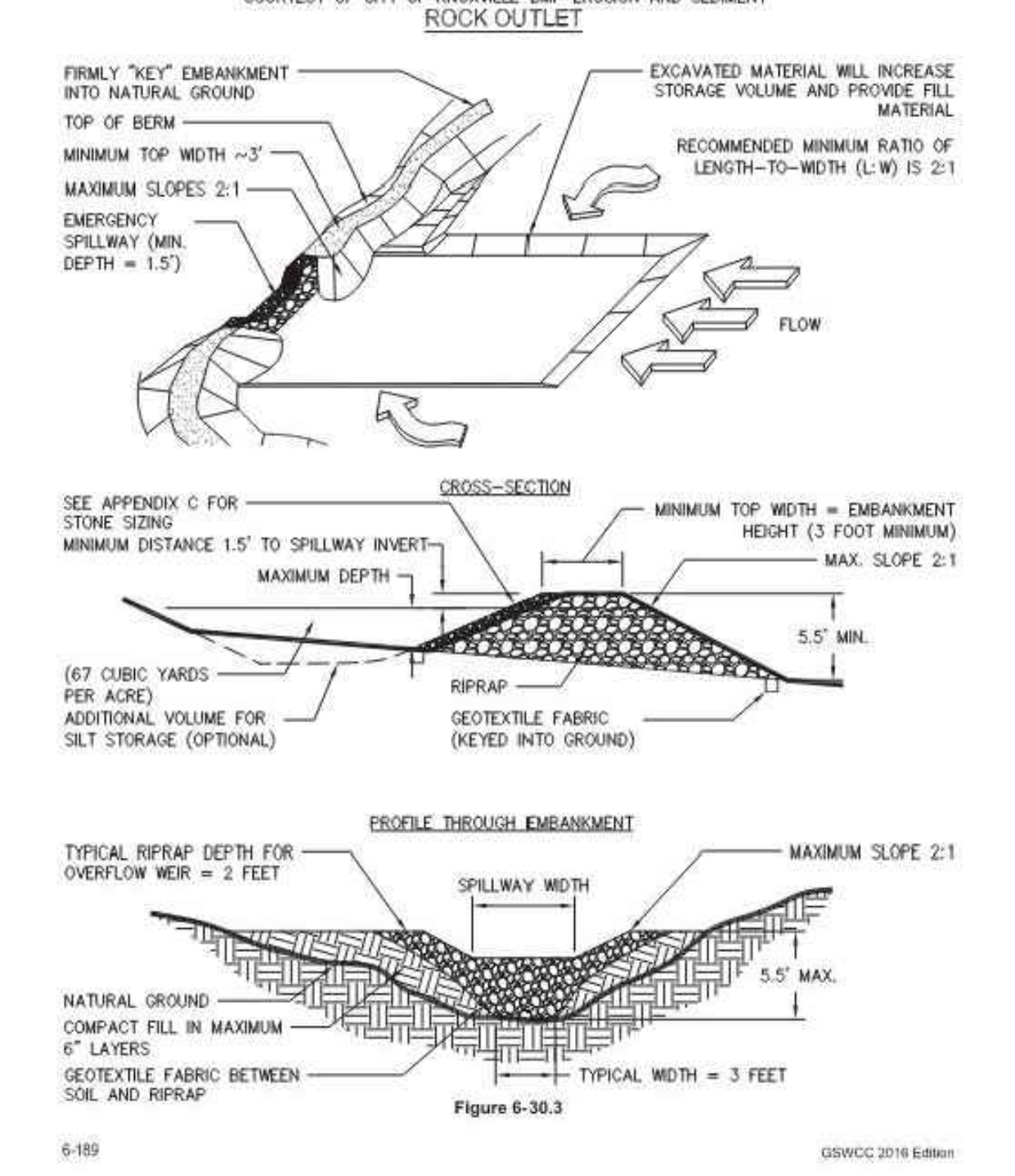


- NOTES:**
1. BALES SHOULD BE BOUND WITH WIRE OR NYLON STRING AND SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
  2. REMOVE #4 REBAR AFTER STRAW BALES ARE NO LONGER IN PLACE.
  3. POINT C OF SECTION B-B SHOULD ALWAYS BE HIGHER THAN POINT D.

### STRAW BALE CHECK DAM - Cd-Hb

### INLET PROTECTION - Sd2-P

### TEMPORARY SEDIMENT TRAP

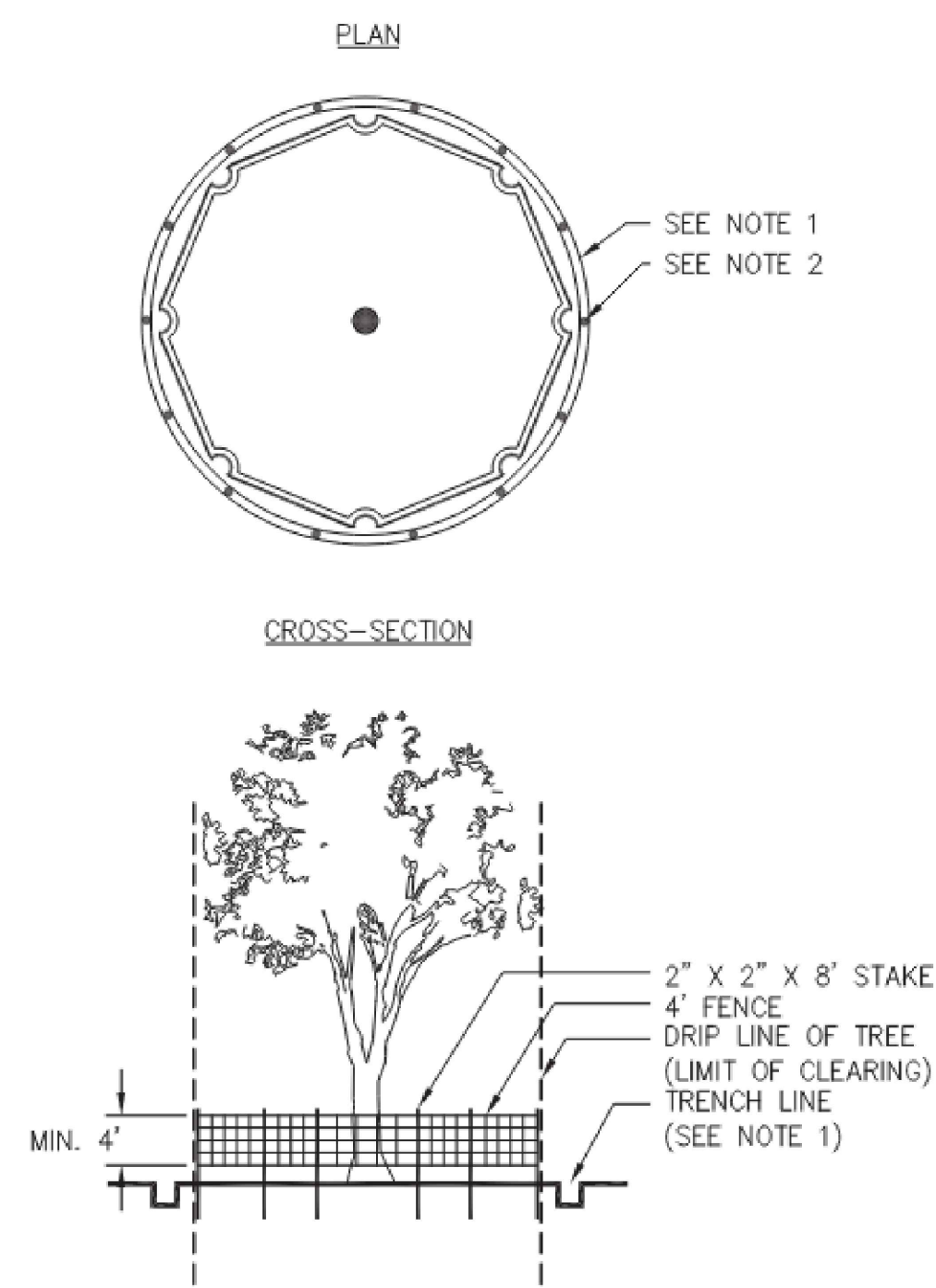


### SEDIMENT TRAP - Sd4-C

NO.	DATE	REVISION

# TREE PROTECTION

## "SNOW" FENCE

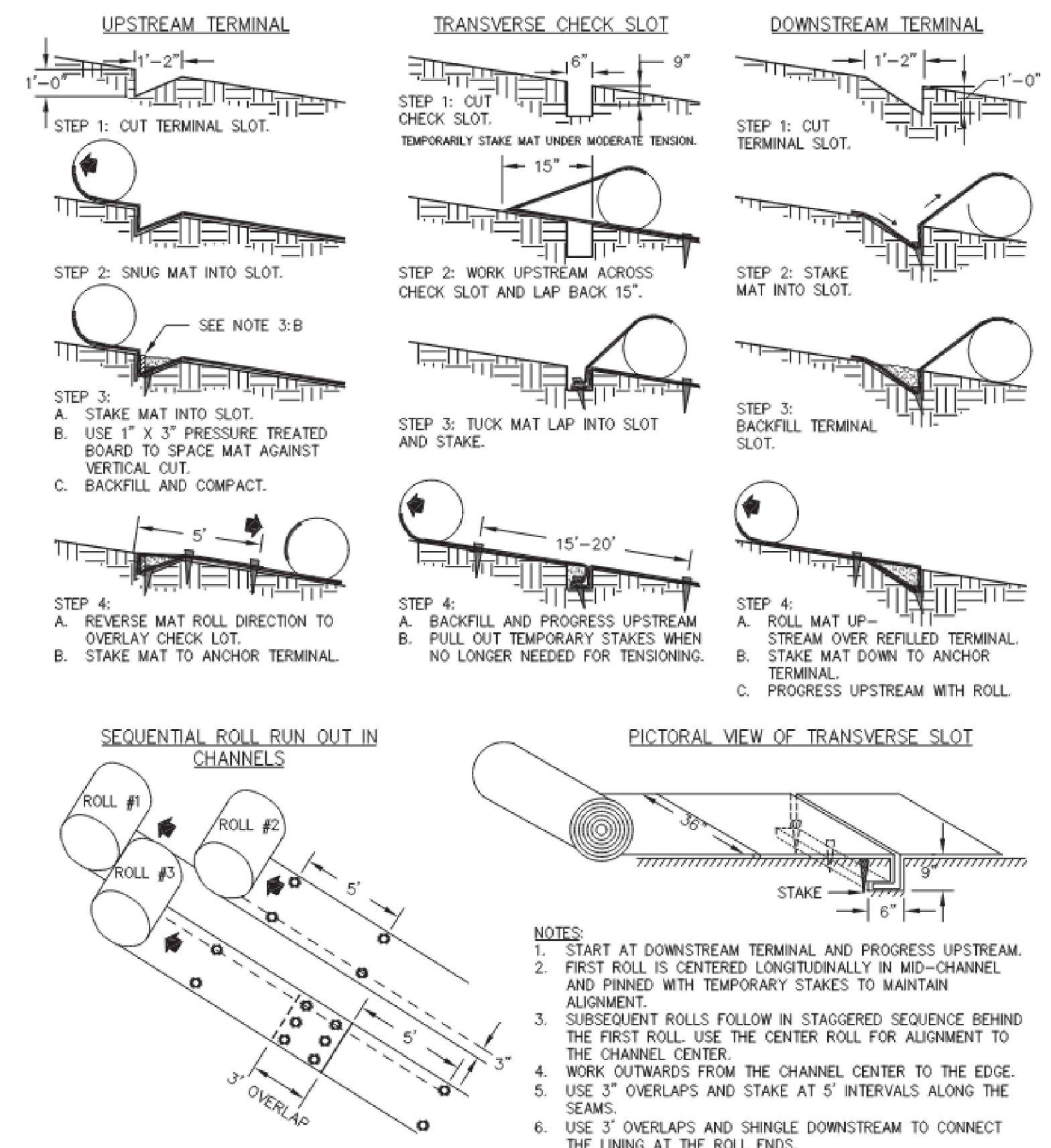


- NOTES:**
- USE TRENCHER (I.E. DITCH WHICH) TO CUT A 4"-5" W X 18" D TRENCH ALONG DRIP LINE (LIMIT OF CLEARING) AND BACKFILL WITH SAND AND LIGHTLY COMPACT.
  - SPACE STAKES AT INTERVALS SUFFICIENT TO MAINTAIN ALL FENCING OUT OF DRIP LINE OR AS SHOWN BY ENGINEER (SET STAKES NO GREATER THAN 6 FEET ON CENTER-REBAR IS NOT TO BE USED FOR STAKES).
  - MAINTAIN FENCE BY REPAIRING AND/OR REPLACING DAMAGED FENCE. DO NOT REMOVE FENCING PRIOR TO LANDSCAPING OPERATIONS.
  - DO NOT STORE OR STACK MATERIALS, EQUIPMENT, OR VEHICLES WITHIN FENCED AREA.
  - FENCE SHALL BE ORANGE VINYL "SNOW FENCE" 4' HIGH MINIMUM.

Figure 6-38.1

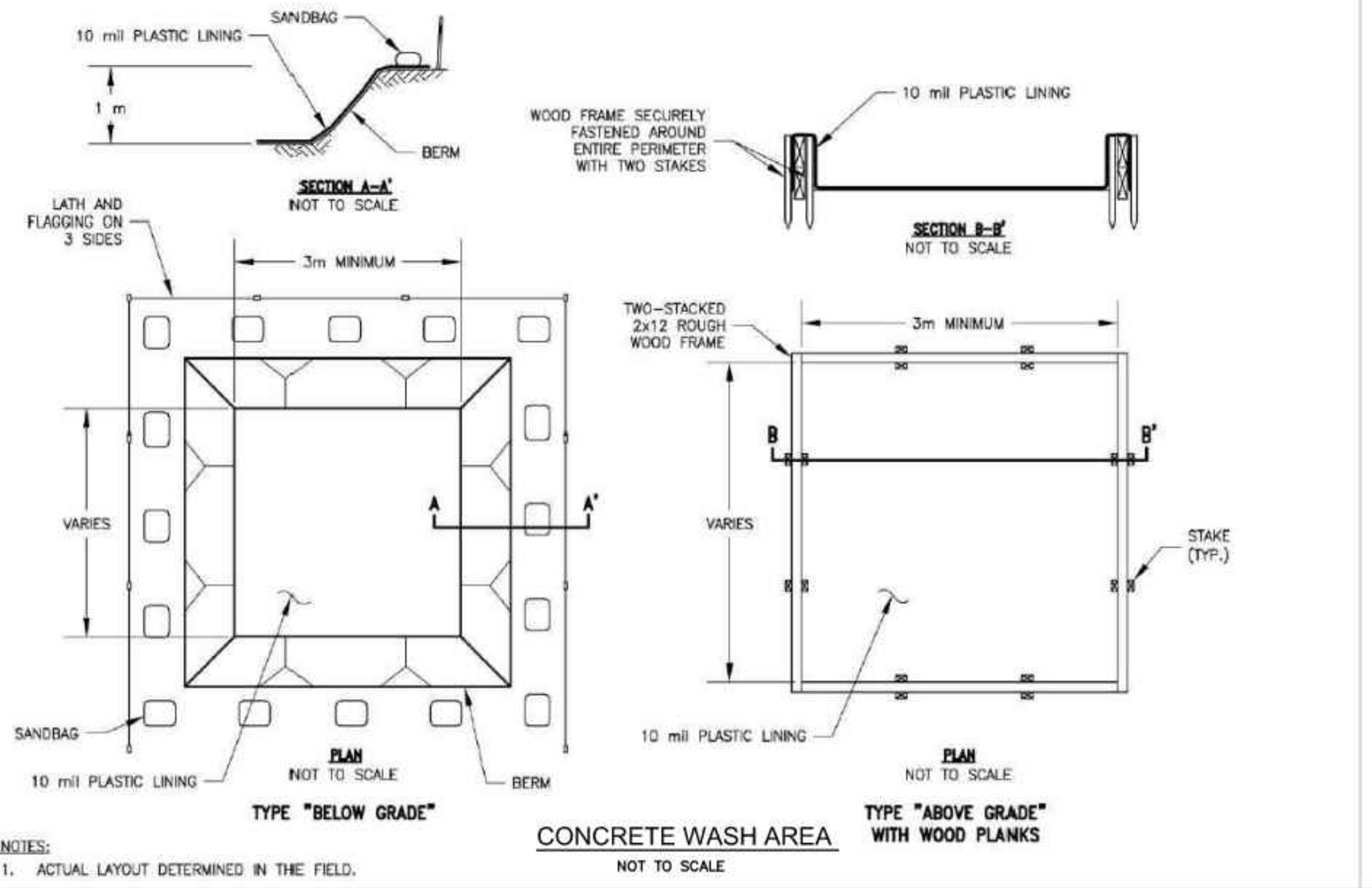
# TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

## BLANKET AND MATTING CROSS-SECTIONS



- NOTES:**
- START AT DOWNSTREAM TERMINAL AND PROGRESS UPSTREAM.
  - FIRST ROLL IS CENTERED LONGITUDINALLY IN MID-CHANNEL AND PINNED WITH TEMPORARY STAKES TO MAINTAIN ALIGNMENT.
  - SUBSEQUENT ROLLS FOLLOW IN STAGGERED SEQUENCE BEHIND THE FIRST ROLL. USE THE CENTER ROLL FOR ALIGNMENT TO THE CHANNEL CENTER.
  - WORK OUTWARDS FROM THE CHANNEL CENTER TO THE EDGE.
  - USE 3" OVERLAPS AND STAKE AT 5' INTERVALS ALONG THE SEAMS.
  - USE 3" OVERLAPS AND SHINGLE DOWNSTREAM TO CONNECT THE LINING AT THE ROLL ENDS.

Figure 6-10.1 - Typical Installation Guidelines for Matting and Blankets



- NOTES:**
- ACTUAL LAYOUT DETERMINED IN THE FIELD.



NO.	DATE	REVISION

**DOROTHEA REDWINE PARK - PHASE ONE**  
TYRONE, GEORGIA  
TOWN PROJECT NO.: PW-2022-12  
**ESPCP DETAILS**

THIS BAR IS 1 INCH LONG PLOTTED FULL SCALE

Project Manager:  
**SAM SERIO, P.E.**  
Drawn By: **BAF** Checked By: **AJH**  
Date: 10/21/2022  
Scale: As Shown

Project No.: **220265**  
Drawing No.: **EC.1.7**

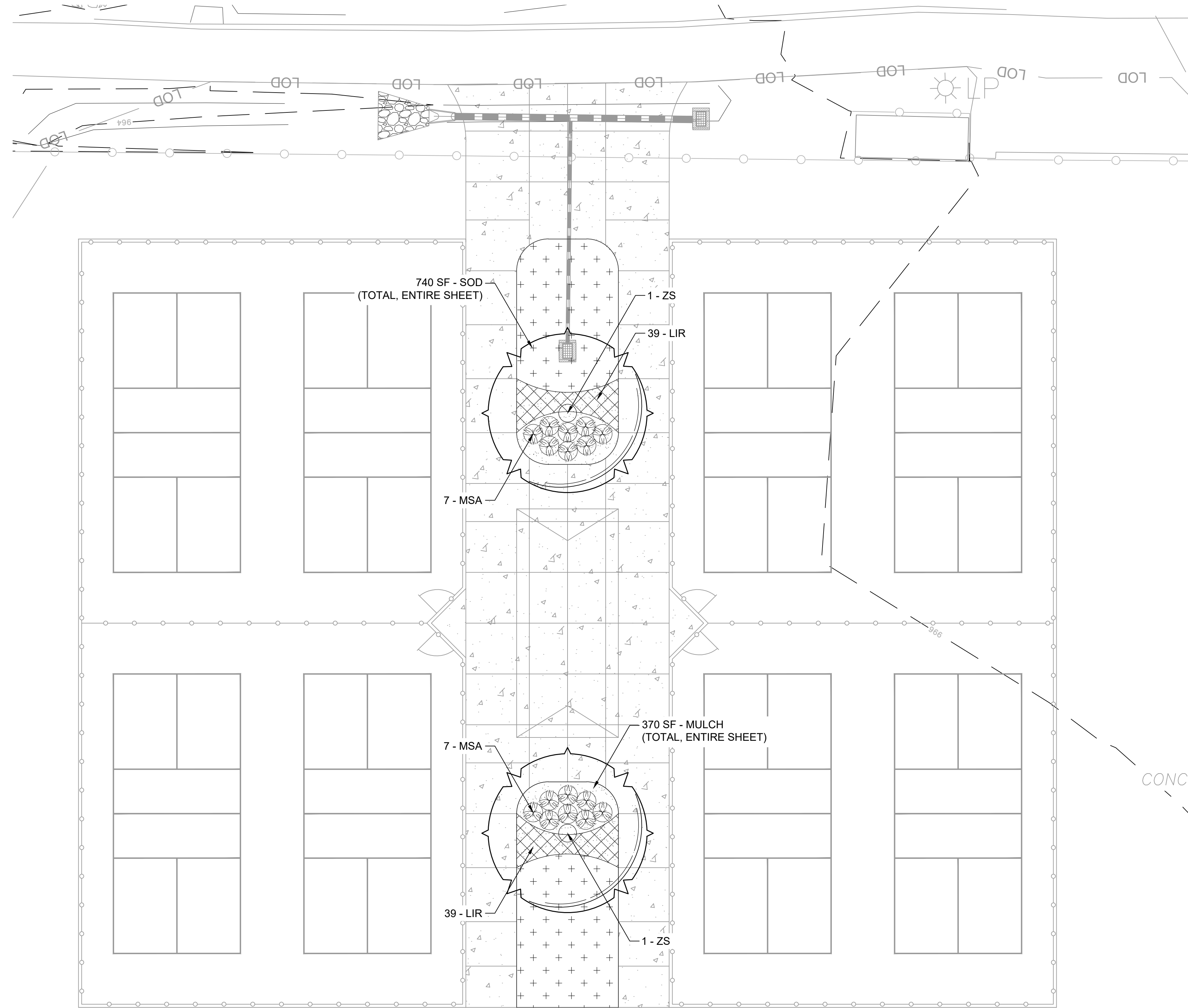
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**LANDSCAPE NOTES**

1. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF QUANTITIES IN THE PLANT LIST. ANY DISCREPANCIES BETWEEN QUANTITIES ON PLAN AND PLANT LIST SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT AND ANY FIELD ADJUSTMENTS OR QUANTITY ADJUSTMENTS MUST BE AUTHORIZED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
2. ALL TREES, SHRUBS AND PLANTS SHALL CONFORM TO ACCEPTED STANDARDS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND THE PROJECT SPECIFICATIONS.
3. ALL PLANT MATERIAL SHALL BE SOAKED WITH WATER AND MULCHED IMMEDIATELY FOLLOWING PLANTING.
4. THE TOP OF ALL ROOT BALLS SHALL BE 2" ABOVE FINISHED GRADE IN WELL DRAINED SOILS. IN POORLY DRAINED SOILS, ROOT BALLS SHALL BE 1/4 HEIGHT OF ROOT BALL ABOVE FINISHED GRADE.
5. ALL ROOT BALLS REMOVED FROM CANS SHALL BE SCARIFIED PRIOR TO BACKFILLING.
6. ALL PLANTS SHALL BE GUARANTEED TO BE IN HEALTHY CONDITION FOR ONE (1) YEAR AFTER ACCEPTANCE BY OWNER OF ALL PLANT MATERIAL. THE CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE/FERTILIZATION/WATERING DURING THE WARRANTY PERIOD.
7. MULCH A MIN. 4 FOOT AREA AROUND EACH TREE. MULCH A CONTINUOUS AREA AROUND ALL SHRUB BEDS, AS INDICATED ON THE PLAN, WITHIN 2 DAYS AFTER PLANTS ARE INSTALLED. MULCH SHALL BE 3-4" OF DOUBLE HAMMERED HARDWOOD.
8. LANDSCAPE CONTRACTOR SHALL REMOVE TOP 1/3 OF ALL WIRE BASKETS, TOP 1/3 OF BURLAP AND ASSOCIATED TWINE AND STRAPPING FROM TREE ROOT BALLS PRIOR TO FINAL ACCEPTANCE OF PLANTS.
9. TOPSOIL SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AND USED FOR BACKFILLING ALL PITS AND BED ESTABLISHMENT FOR PLANTS. PROVIDE TOPSOIL WHICH IS FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUB-SOIL, CLAY LUMPS, BRUSH, WEEDS AND OTHER LITTER AND FREE OF ROOTS, STUMPS, STONES LARGER THAN 1" IN ANY DIMENSION, AND OTHER EXTRANEOUS OF TOXIC MATTER HARMFUL TO PLANT GROWTH. TOPSOIL SHALL HAVE 2-5% ORGANIC MATTER(MINIMUM), A 60% MAXIMUM CLAY CONTENT, AND PH VALVE OF 6-6.5%.
10. SOIL AMENDMENT SHALL BE PROVIDED BY LANDSCAPE CONTRACTOR AND USED FOR BACKFILLING AND BED ESTABLISHMENT. SOIL AMENDMENT SHALL CONSIST OF THE BELOW PERCENTAGES AND HAVE A PH RANGE BETWEEN 5.5 AND 7%. SOIL AMENDMENT SHALL NOT BE USED IN FROZEN OR MUDDY CONDITIONS. CONTRACTOR TO SUBMIT VENDOR INFORMATION FOR ALL SOIL AMENDMENTS. ALL BEDS SHOULD BE TILLED PRIOR TO ADDING PLANTING SOIL. PLANTING SOIL SHALL CONSIST OF 2/3 TOPSOIL AND 1/3 SOIL AMENDMENT. SEE PLANTING BED ESTABLISHMENT DETAIL FOR MORE INFORMATION.
11. CONTRACTOR IS RESPONSIBLE FOR HAVING ALL UNDERGROUND UTILITIES LOCATED AND CLEARLY PAINTED WITHIN 10 DAYS OF ANY GROUND DISTURBING ACTIVITY. OWNER WILL NOT PAY FOR UTILITY REPAIRS DUE TO FAILURE TO MARK AND OBSERVE UTILITY LOCATIONS.
12. CONTRACTOR TO ENSURE POSITIVE DRAINAGE IN ALL PLANTING AREAS AND NO PONDING SHALL OCCUR. POORLY DRAINED SOILS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. ALL POORLY DRAINED SOILS SHALL BE CORRECTED BEFORE PLANTING OCCURS BY IMPORTING SUITABLE SOILS OR ADDING A DRAINAGE SYSTEM.
13. ALL PLANTING BEDS SHALL HAVE 50Z. MINIMUM WEED CONTROL FABRIC.
14. ALL EXISTING TURF/LAWN/WEEDS SHALL BE ERADICATED FROM PLANTING AREAS BEFORE TILLAGE.
15. IF BID ALTERNATE #2 IS NOT SELECTED BY THE TOWN OF TYRONE, THE DISTURBED AREA SHALL BE STABILIZED WITH PERMANENT SEEDING.

Dorothea Redwine Park - Alternate #2 - Planting Schedule					
Qty.	Symbol	Scientific Name	Common Name	Size	Notes
<b>Trees</b>					
2	ZS	Zelkova serrata	Japanese Zelkova	3" CAL.	10' Min. Ht.
<b>Total</b>	<b>2</b>				
<b>Ornamental Grasses</b>					
14	MSA	Miscanthus Sinensis 'Adagio'	Dwarf Maiden Grass	3 GAL.	30" Min. Ht.
<b>Total</b>	<b>14</b>				
<b>Groundcovers</b>					
78	LIR	Liriope muscari 'Big Blue'	Big Blue Liriope	4" Pot	
<b>Total</b>	<b>78</b>				
<b>Mulch</b>					
370	SF	Long Leaf Pinestraw Mulch			
<b>Total</b>	<b>370</b>				
<b>Lawn</b>					
740	SF	TifTuf Bermuda Grass Sod			
<b>Total</b>	<b>740</b>				



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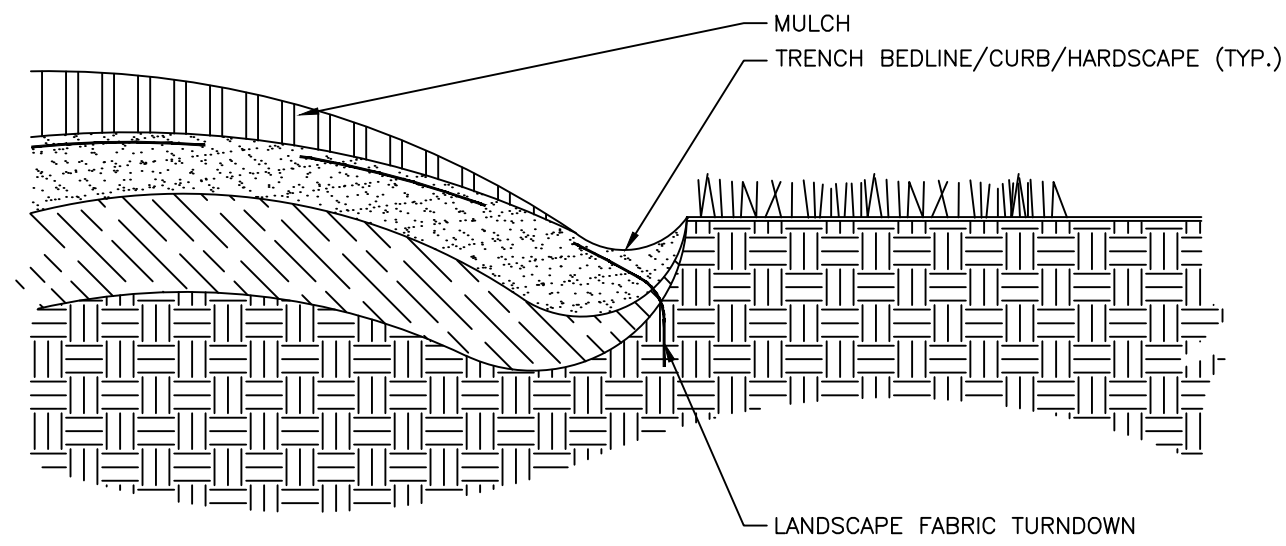
**DOROTHEA REDWINE PARK - PHASE ONE**  
 TYRONE, GEORGIA  
 TOWN PROJECT NO.: PW-2022-12  
**ALTERNATE #2 - LANDSCAPE PLAN**

THIS BAR IS  
 1 INCH LONG  
 PLOTTED FULL SCALE

Project Manager:  
**SAM SERIO, P.E.**  
 Drawn By: **BAF** Checked By: **AJH**  
 Date: 10/21/2022  
 Scale: As Shown

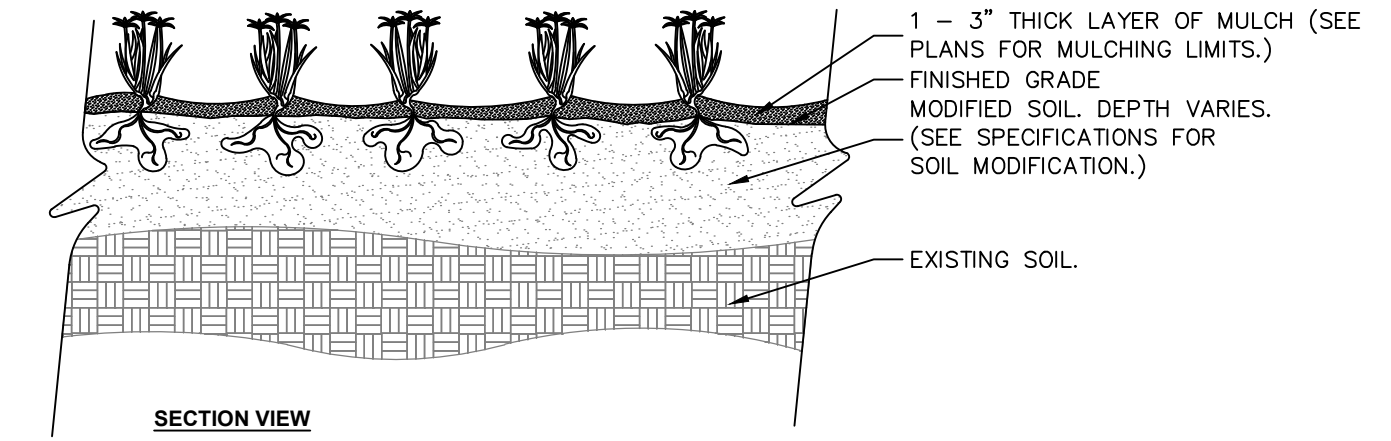
Project No.:  
**220265**  
 Drawing No.:  
**L.1.0**

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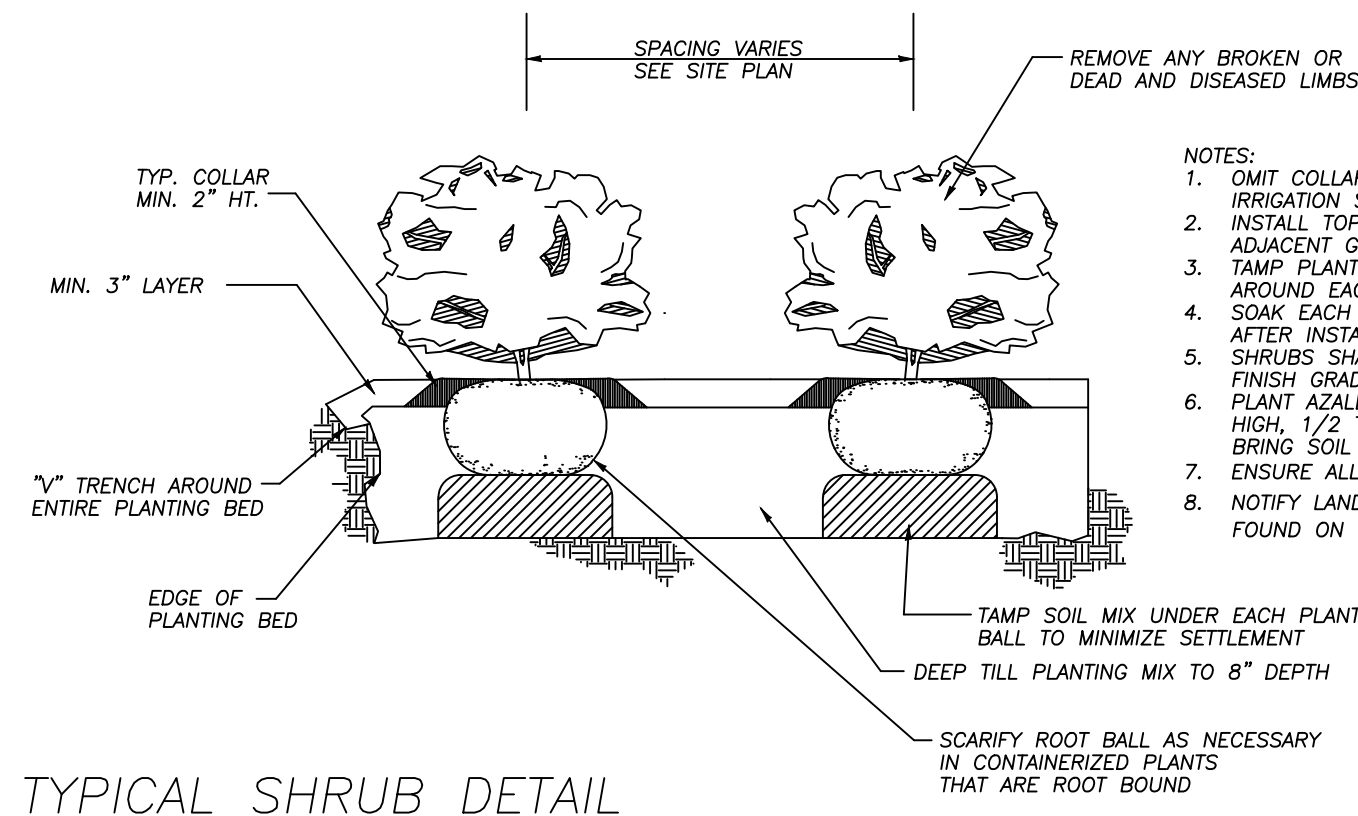
- NOTES:  
1. REFER TO SPECIFICATIONS FOR MORE DETAIL.  
2. CONTRACTOR TO REMOVE ALL CONSTRUCTION DEBRIS, ROCKS, OR ANY FOREIGN OBJECTS FROM THE NATIVE SOIL.  
3. ALL PLANTING BEDS SHALL HAVE POSITIVE DRAINAGE AND NO PONDING SHALL OCCUR.  
4. ALL PLANTING BEDS SHALL HAVE WEED CONTROL FABRIC (5 OZ. MIN.)  
5. ALL GRASSES/WEEDS SHALL BE ERADICATED BEFORE PLANTING.  
6. IRRIGATION LINE SHALL BE COVERED WITH MULCH AND NOT VISIBLE.  
7. PLANTING SOIL SHALL BE COMPOSED OF  $\frac{2}{3}$  TOPSOIL AND  $\frac{1}{3}$  SOIL AMENDMENT. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.

1 PLANT BED ESTABLISHMENT DETAIL

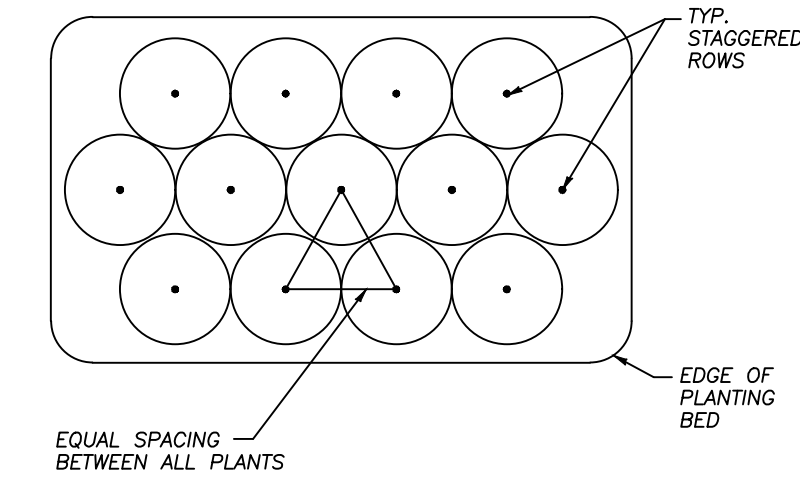


- NOTES:  
1- SEE PLANTING SCHEDULE FOR GROUNDCOVER SPECIES, SIZE, AND SPACING DIMENSION.  
2- SMALL ROOTS ( $\frac{1}{4}$ " OR LESS) THAT GROW AROUND, UP, OR DOWN THE ROOT BALL PERIPHERY ARE CONSIDERED A NORMAL CONDITION IN CONTAINER PRODUCTION AND ARE ACCEPTABLE HOWEVER THEY SHOULD BE ELIMINATED AT THE TIME OF PLANTING. ROOTS ON THE PERIPHERY CAN BE REMOVED AT THE TIME OF PLANTING. (SEE ROOT BALL SHAVING CONTAINER DETAIL).  
3- SETTLE SOIL AROUND RELAT ROOT BALL OF EACH GROUNDCOVER PRIOR TO MULCHING.  
4- OMIT WEED CONTROL FABRIC IN AREAS OF RHIZOME SPREADING GROUNDCOVERS.

2 GROUNDCOVER PLANTING DETAILS N.T.S.



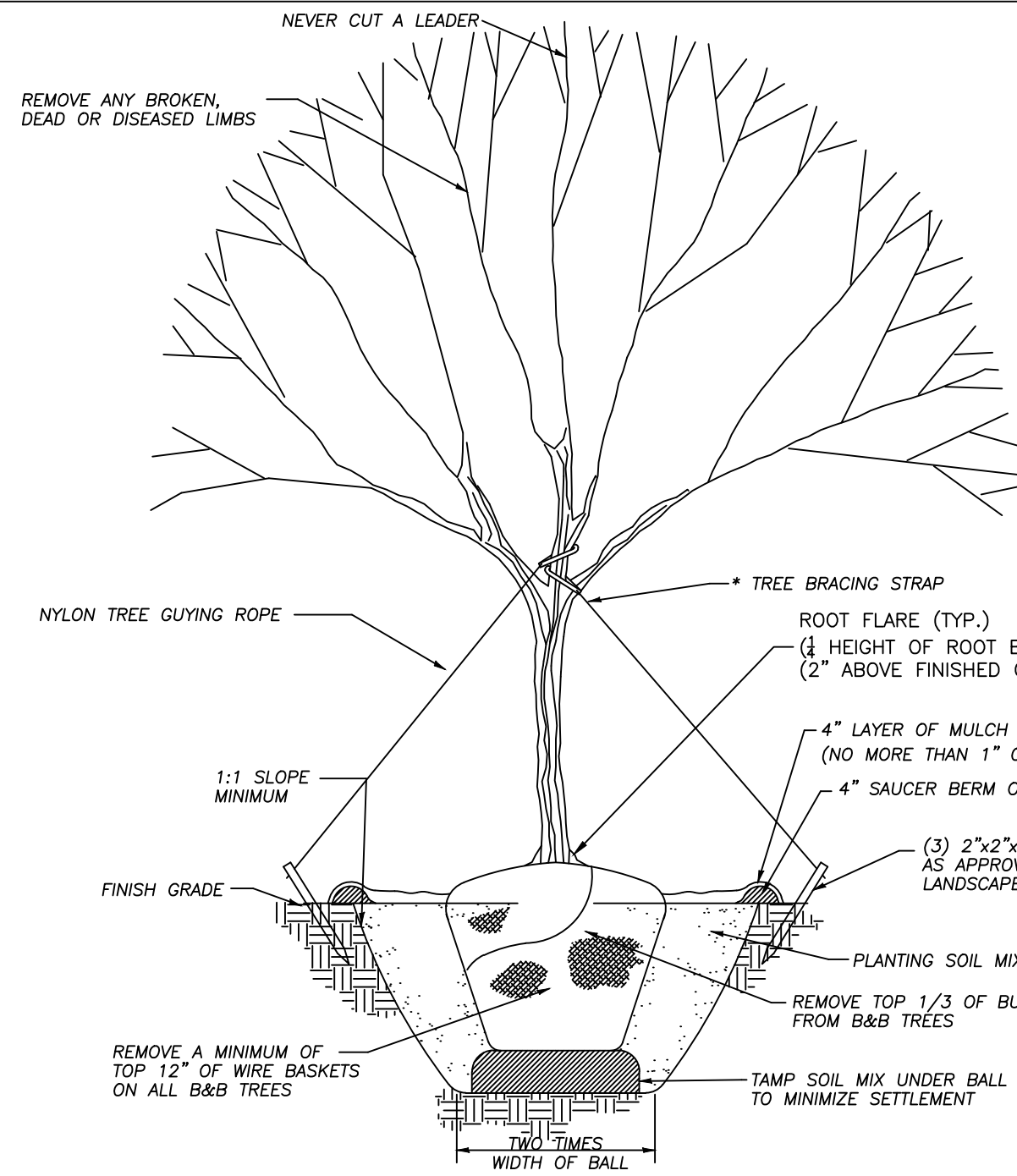
- NOTES:  
1. OMIT COLLAR AROUND EACH SHRUB WHEN IRRIGATION SYSTEM IS PRESENT.  
2. INSTALL TOP OF PLANT BALL 2-3" ABOVE ADJACENT GRADE.  
3. TAMP PLANTING MIX FIRMLY AS PIT IS FILLED AROUND EACH PLANT BALL.  
4. SOAK EACH PLANT BALL AND PLANT BED IMMEDIATELY AFTER INSTALLATION.  
5. SHRUBS SHALL HAVE SAME RELATIONSHIP TO FINISH GRADE AS TO PREVIOUS EXISTING GRADE.  
6. PLANT AZALEAS, RHODODENDRONS AND CAMELLIAS HIGH, 1/2 TO 1/3 OF BALL ABOVE THE GROUND. BRING SOIL UP TO AND COVER THE EXPOSED BALL.  
7. ENSURE ALL PLANTING AREAS HAVE POSITIVE DRAINAGE.  
8. NOTIFY LANDSCAPE ARCHITECT OF ANY POORLY DRAINED SOIL FOUND ON SITE.



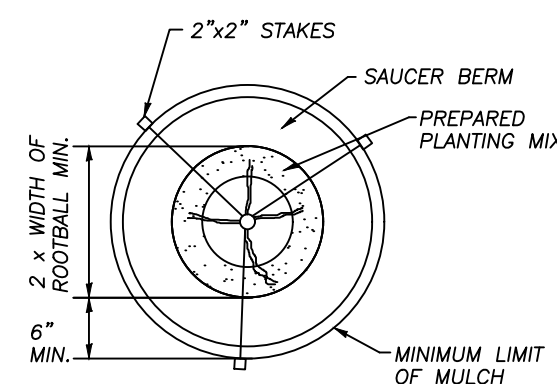
TYPICAL SHRUB DETAIL

SHRUB SPACING

3 SHRUBS PLANTING DETAILS

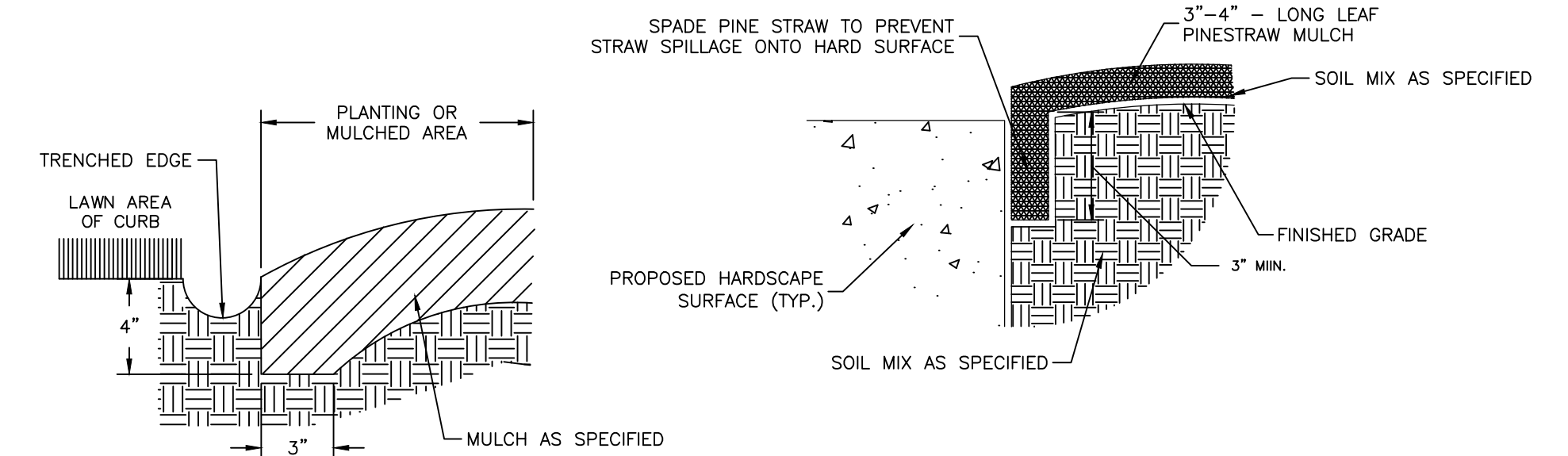


1. ALL TREES TO BE GROWN IN A RECOGNIZED NURSERY IN ACCORDANCE WITH RECOMMENDATION AND REQUIREMENTS OF ANSI Z66.1 STANDARD FOR NURSERY STOCK.  
2. REMOVE ALL TREATED OR PLASTIC-COATED BURLAP STRAPPING WIRE OR NYLON TWINE FROM ROOT BALL. AFTER SETTING IN HOLE, CUT AWAY TOP 12" OF WIRE BASKET, IF ANY.  
3. INSTALL ROOT FLARE 2" ABOVE EXISTING GRADE IN WELL DRAINED SOILS. 1/4 HEIGHT OF ROOT BALL ABOVE EXISTING GRADE IN POOR DRAINED SOILS.  
4. SOAK PLANT BALL AND PIT IMMEDIATELY AFTER INSTALLATION. PLACE 4-6" OF SEASONED MULCH OR PINE NEEDLES AROUND BASE OF TREE. 5" DIAMETER MINIMUM.  
5. TREE BRACING STRAPS ARE OPTIONAL, USE POLYPROPYLENE WEBBING ONLY. NO WIRE OR ROPE TO BE IN DIRECT CONTACT WITH TRUNK. REMOVE ALL TREE STRAPS AND TRUNK WRAP AFTER ONE GROWING SEASON.  
6. ANY TREE PROPOSED FOR PLANTING ON THE STREET RIGHT-OF-WAY MUST BE APPROVED IN ADVANCED BY THE CITY ARBORIST AS TO SPECIES, SIZE AND LOCATION(CITY ONLY).  
7. GUY WIRES ARE NOT PERMITTED IN STREET RIGHT-OF-WAY.  
8. NO BACKFILL ALLOWED ON TOP OF ROOT BALL.  
9. LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING BURIED UTILITIES PRIOR TO INSTALLATION.  
\* - OPTIONAL TREE STAKING/BRACING MUST BE REMOVED AFTER 1 GROWING BY LANDSCAPE CONTRACTOR

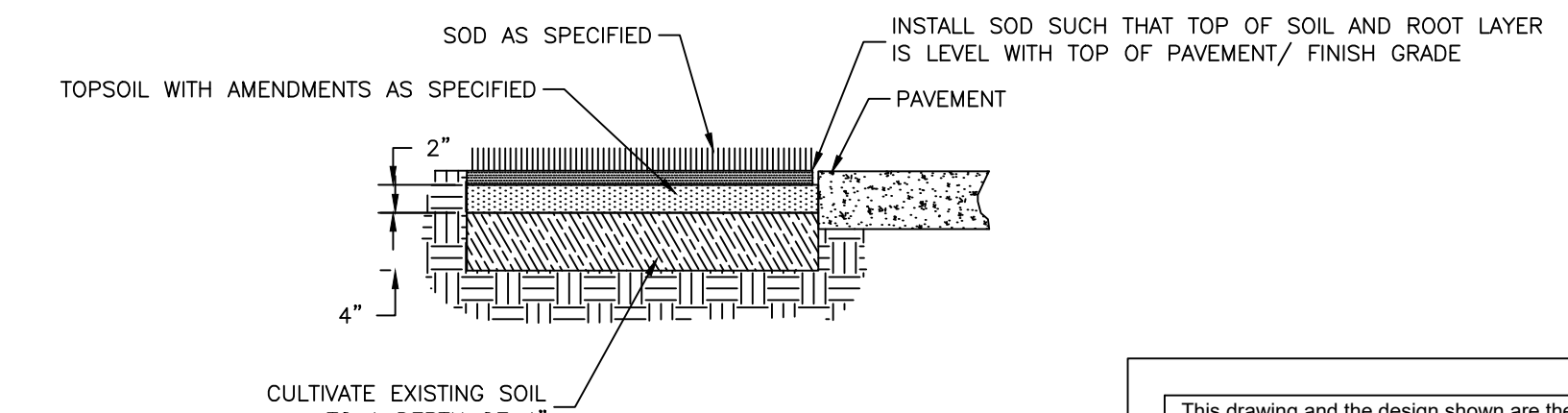


STANDARD TREE DETAIL

4 TREE PLANTING DETAILS



NOTE: TRENCH EDGE SHALL CREATE CLEAN SEPARATION BETWEEN AREAS AND SHALL FOLLOW SMOOTH BEDLINES PRE LANDSCAPE PLAN



5 TURF SOD AND MULCH DETAILS N.T.S.

NO.	DATE	REVISION

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PLOTTED FULL SCALE

Project Manager:  
**SAM SERIO, P.E.**  
Drawn By: **BAF** Checked By: **AJH**  
Date: 10/21/2022  
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**220265**  
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