

SPECIFIC DEVELOPMENT PLAN SUBMITTAL FOR:

CITY OF SAVANNAH
DEVELOPMENT SERVICES
SITE PLAN APPROVAL (11/23/21)

APPROVED FOR THE CITY OF SAVANNAH
City Engineer *[Signature]* 11/23/2021 4:29:22 PM
CITY ENGINEER

NOTE: SEPARATE BUILDING PERMITS MUST BE OBTAINED FROM THE CITY OF SAVANNAH DEVELOPMENT SERVICES DEPARTMENT FOR ALL PROPOSED BUILDING DEMOLITIONS.

CITY OF SAVANNAH DEVELOPMENT SERVICES
SITE PLAN APPROVAL
11/19/2021

MPC	ML
WATER/SEWER	JL
STORM WATER	TC
TRAFFIC	BS
POLICE	TW
FIRE	CM
PARK & TREE	WB



Parker's kitchen

DERENNE AVENUE AT WHITE BLUFF ROAD
SAVANNAH, GA 31405

PIN: 2-0127-02-001, 2-0127-02-002, 2-0127-02-007

TOTAL SITE AREA = 3.42 ± AC.
TOTAL DISTURBED AREA = 4.1 ± AC.

UTILITY/GOVERNMENTAL CONTACT LIST:

WATER AND SEWER COMPANY
CITY OF SAVANNAH WATER AND SEWER DEPT.
CITY LOT, 702 STILES AVE.
SAVANNAH, GA 31415
PHONE: 912-651-6573
CONTACT: NICK ALFINI, E.I.T.

POWER COMPANY
GEORGIA POWER COMPANY
SAVANNAH HEADQUARTERS
CONTACT: DONALD RUSSELL
DISTRIBUTION ENGINEER
CELL: 912-223-9437
OFFICE: 912-306-2652
DCRUSSELL@SOUTHERNCO.COM

ARCHITECT
CUHACI & PETERSON ARCHITECTS,
ENGINEERS, PLANNERS
930 WOODCOCK ROAD, SUITE 101
ORLANDO, FL 32803
PHONE: 407-661-9100 (EXT. 1612)
CONTACT: GINGER SIMOENS

ENGINEERING DEPARTMENT
CITY OF SAVANNAH ENGINEERING DEPT.
5515 ABERCORN STREET
P.O. BOX 8246
SAVANNAH, GA 31401
PHONE: 912-651-6510
FAX: 912-651-6519
CONTACT: TOM MCDONALD

LOCAL ZONING OFFICE
METROPOLITAN PLANNING COMMISSION
110 EAST STATE STREET
P.O. BOX 1027
SAVANNAH, GA 31412
PHONE: 912-651-1497
CONTACT: MARCUS LOTSON

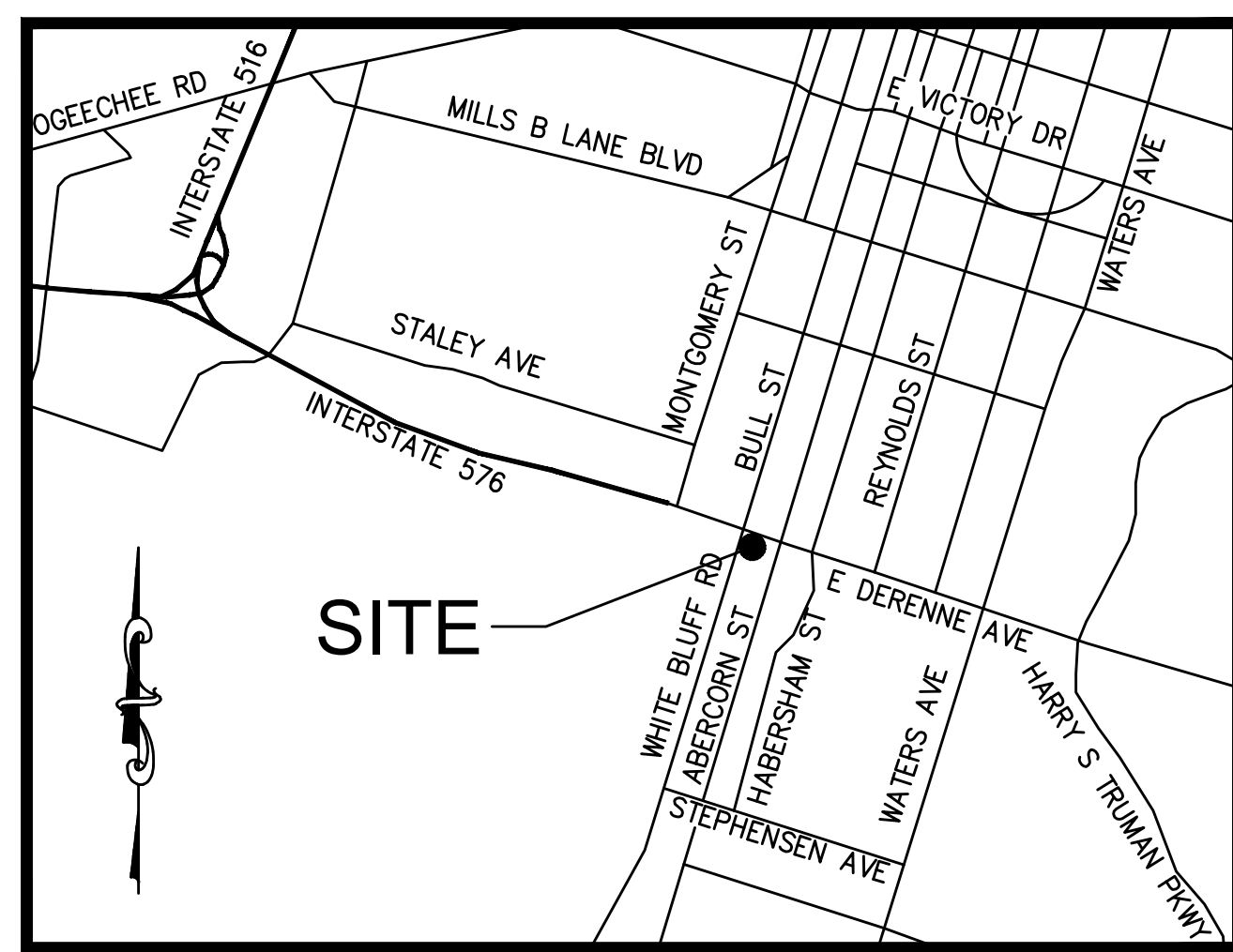
FIRE DEPARTMENT
CITY OF SAVANNAH FIRE MARSHAL
P.O. BOX 1027
SAVANNAH, GA 31402
PHONE: 912-644-5960
CONTACT: CHERYL MASON

TELEPHONE COMPANY
AT&T
138 SOUTHERN BLVD
SAVANNAH, GA 31405
PHONE: 912-399-0751
CONTACT: JIM COLEMAN

GEORGIA DOT
DISTRICT 5 TRAFFIC OPERATIONS
204 NORTH US HIGHWAY 301
JESUP, GA 31546
PHONE: 912-530-4398
CONTACT: DOUG STEPHENS

GAS COMPANY
ATLANTA GAS LIGHT
1668 CHATHAM PARKWAY
SAVANNAH, GA 31405
PHONE: 912-239-6508
CONTACT: JOEY WHITE

TRAFFIC DEPARTMENT
CITY OF SAVANNAH TRAFFIC ENGINEERING DEPT.
1100 W GWINNETT ST, BUILDING B
SAVANNAH, GA 31415
PHONE: 912-651-6600
CONTACT: BARRY STANTON



LOCATION MAP
NOT TO SCALE

PROPOSED PROJECT CONSISTS OF 5,175 S.F. PARKER'S STORE WITH FUEL STATION CONSISTING OF 8 FUEL DISPENSERS UNDER A CANOPY. PROJECT IS ON A 3.42-ACRE ASSEMBLAGE TO BE SUBDIVIDED INTO THREE LOTS.

THE STORE HAS A FOOD SERVICE AREA WITH 16 SEATS WHICH IS EXPECTED TO BE IN OPERATION 16 HOURS A DAY. DOMESTIC WATER USAGE IS ESTIMATED AT 1,811 GPD. IRRIGATION DEMAND IS ESTIMATED AT 925 GPD.

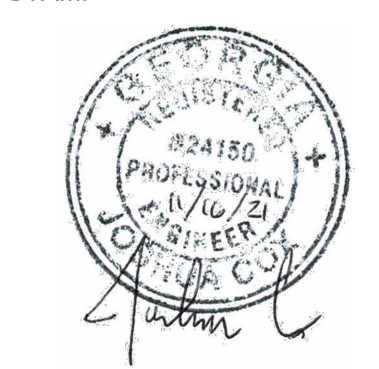
LIMITS OF DISTURBANCE = 4.1 ACRES

NOTE: UNDERGROUND STORAGE TANK INSTALLATIONS SHALL BE PERMITTED WITH THE CITY OF SAVANNAH FIRE MARSHAL'S OFFICE IN ADDITION TO ANY STATE FIRE MARSHAL PERMITS.

NOTE: THE CONTRACTOR SHALL MAINTAIN A FULL-SIZED SET OF APPROVED CONSTRUCTION DRAWINGS ON SITE, AND DURING CONSTRUCTION, ACCURATELY MARK THESE PLANS WITH AS-CONSTRUCTED INFORMATION INDICATING ALL FIELD CHANGES AFFECTING VARIOUS CIVIL, MECHANICAL, ELECTRICAL, AND OTHER ITEMS OF WORK AS WELL AS LOCATIONS AS ACTUALLY INSTALLED. CLEAR AND CONCISE NOTES, SHOP DRAWINGS AND SKETCHES SHOULD ACCOMPANY CHANGES MARKED ON THESE PLANS. THESE FIELD MANAGED RECORD DRAWINGS SHOULD BE PROVIDED TO THE CONTRACTOR'S ENGINEER TO ASSIST IN THE PREPARATION OF THE FINAL RECORD DRAWINGS.

PROPOSED SITE AND STRUCTURES SHALL MEET ALL OF THE CURRENTLY ADOPTED INTERNATIONAL FIRE CODES (IFC) AND GEORGIA MINIMUM FIRE SAFETY STANDARDS (120-3-3), AND CITY OF SAVANNAH ORDINANCE REQUIREMENTS.

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GSWCC # 7195

PROPOSED:
Parker's kitchen
SAVANNAH, GA 31405
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
1	JWC
2	JWC
3	JWC
4	JWC
5	JWC
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9	JWC
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32	JWC
33	JWC
34	JWC
35	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180 Main

SHEET
C-0

BDG
Buckel Design Group, LLC.

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM

ENGINEER-
BDG
Buckel Design Group, LLC.

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM



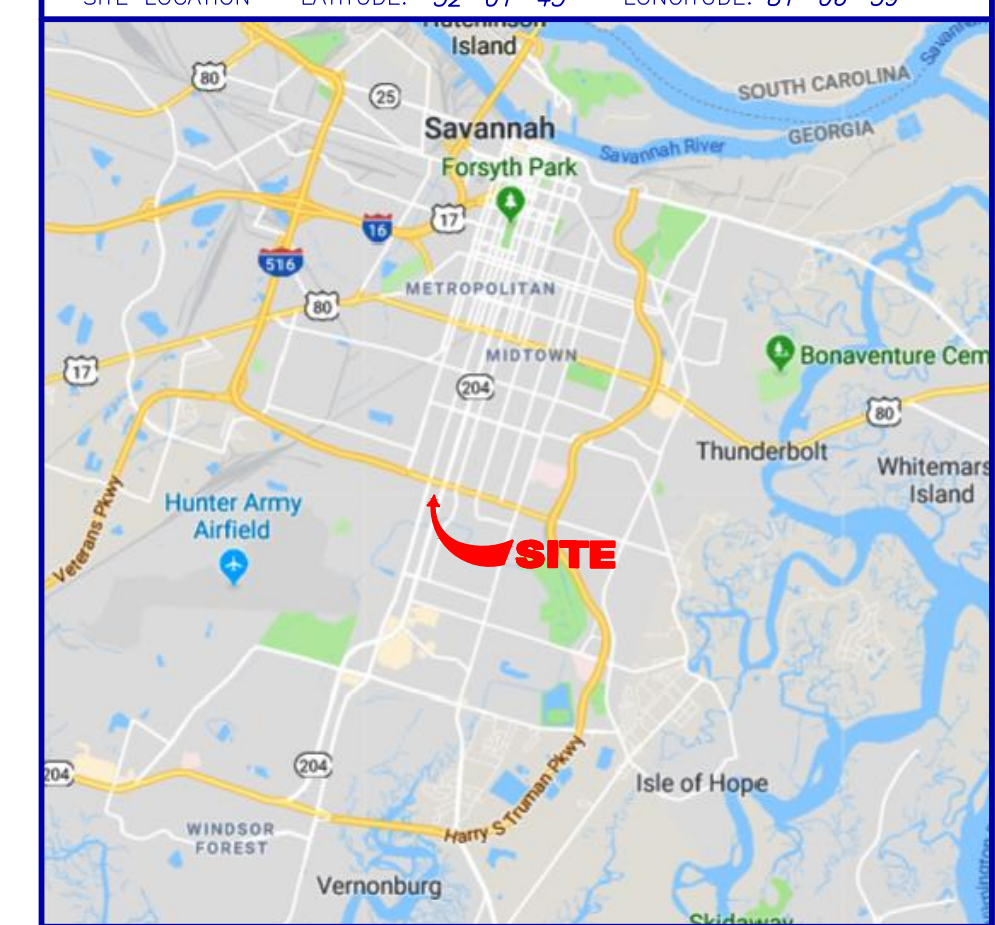
SITE PHOTOGRAPHS



TITLE EXCEPTIONS

THE FOLLOWING EXCEPTIONS ARE LISTED IN SCHEDULE B, SECTION 2, OF A COMMITMENT FOR TITLE INSURANCE, AS PREPARED BY FIRST AMERICAN TITLE INSURANCE COMPANY, COMMITMENT NO. 103-088, EFFECTIVE DATE JANUARY 31, 2020.

VICINITY MAP



GENERAL NOTES

THIS SURVEY HAS BEEN PREPARED FOR THE EXCLUSIVE USE OF THE PERSON OR ENTITIES NAMED HEREON. NO EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE INFORMATION SHOWN HEREON IS TO BE EXTENDED TO ANY PERSONS OR ENTITIES OTHER THAN THOSE SHOWN HEREON.

REVISIONS LISTED ON THIS SURVEY APPLY ONLY TO THE SPECIFIC CHANGES REFERENCED, AND DO NOT CONSTITUTE AN UPDATE OF OTHER DATA ON THIS SURVEY. THE SURVEY DATE IS THE APPLICABLE DATE AS RELATED TO PROVISIONS OF STATUTES OF LIMITATION UNLESS SPECIFICALLY NOTED OTHERWISE.

THIS PROPERTY IS NOT LOCATED IN A SPECIAL FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS AREA IS 13051C0163G, AND THE DATE OF SAID MAP IS AUGUST 16, 2018. THIS DETERMINATION WAS MADE BY GRAPHICALLY DETERMINING THE POSITION OF THIS SITE ON SAID FIRM MAPS UNLESS OTHERWISE NOTED.

PLEASE NOTE: TREES 4-INCH DBH (DIAMETER AT BREAST HEIGHT) AND LARGER WERE LOCATED FOR THIS SURVEY.

RIGHT-OF-WAY LINES SHOWN ON THIS SURVEY THAT ARE NOT ACTUAL BOUNDARIES OF THE SUBJECT TRACT(S) ARE DEPICTED GRAPHICALLY AND ARE SHOWN APPROXIMATELY FOR INFORMATIONAL PURPOSES ONLY. SAID RIGHT-OF-WAY LINES SHOULD NOT BE UTILIZED FOR DESIGN PURPOSES.

THE UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON LOCATION OF MARKINGS PROVIDED BY SUBSURFACE UTILITY INVESTIGATIONS, LLC. UTILIZED SEVERAL TECHNIQUES INCLUDING, BUT NOT LIMITED TO, ELECTROMAGNETIC, MAGNETIC LOCATION FOR FERROUS METALS, ACOUSTIC AND PASSIVE FREQUENCIES TO DESIGNATE AND MARK BURIED UTILITIES ON THE SURFACE WITH PAINT AND FLAGS COVERING THE ENTIRE AREA OF THE PROJECT.

THE SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN-SERVICE OR ABANDONED. UNDERGROUND UTILITIES NOT OBSERVED OR LOCATED UTILIZING THIS TECHNIQUE MAY EXIST ON THIS SITE BUT NOT BE SHOWN, AND MAY BE FOUND UPON EXCAVATION. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE.

INFORMATION REGARDING MATERIAL AND SIZE OF UTILITIES ARE BASED ON RECORDS ACQUIRED FROM THE UTILITY OWNERS.

THE DATUM FOR THIS SITE WAS ESTABLISHED UTILIZING GLOBAL POSITIONING SYSTEMS, AND BASED ON POSITIONAL VALUES FOR THE VIRTUAL REFERENCE STATION NETWORK DEVELOPED BY eSIS SOLUTIONS. THE HORIZONTAL REFERENCE FRAME IS NORTH AMERICAN DATUM OF 1983(2011)-STATE PLANE COORDINATE SYSTEM OF GEORGIA-EAST ZONE. THE VERTICAL REFERENCE FRAME IS NORTH AMERICAN VERTICAL REGULATIONS OF 1988. ANY DIRECTIONS OR DIMENSIONS SHOWN ARE A RECTANGULAR, GROUND LEVEL PROJECTION OF THE STATE PLANE COORDINATE SYSTEM.

NO ZONING REPORT OR ZONING LETTER WAS PROVIDED TO THE SURVEYOR. THE SITE IS ZONED "B-C" (COMMUNITY BUSINESS DISTRICT) AS SHOWN ON THE ZONING MAP OF THE CITY OF SAVANNAH. PLEASE NOTE: ZONING AND SETBACKS SHOULD BE CONFIRMED AND VERIFIED BY PLANNING AND ZONING PRIOR TO DESIGN OR CONSTRUCTION ACTIVITIES.

SURVEY REFERENCES
1> ALTA/NSPS LAND TITLE SURVEY OF 2.193 ACRES, PREPARED BY COLEMAN COMPANY, INC., DATED OCTOBER 2, 2017 (JOB NO. 17-392)
2> ALTA/NSPS LAND TITLE SURVEY FOR CHICK-FIL-A, INC., PREPARED BY GEOSURVEY, LTD., DATED APRIL 6, 2018 (JOB NO. 20185780-01)

SURVEYOR CERTIFICATION (GEORGIA)

This plat is a retracement of an existing parcel or parcels of land and does not subdivide or create a new parcel or make any changes to any real property boundaries. The recording information of the documents, plats, or other instruments which created the parcel or parcels are stated herein. RECORDATION OF THIS PLAT DOES NOT IMPLY APPROVAL OF ANY LOCAL JURISDICTION, AVAILABILITY OF PERMITS, COMPLIANCE WITH LOCAL REGULATIONS OR REQUIREMENTS, OR SUITABILITY FOR ANY USE OR PURPOSE OF THE LAND. Furthermore, the undersigned land surveyor certifies that this plat complies with the minimum technical standards for property surveys in Georgia as set forth in the rules and regulations of the Georgia Board of Registration for Professional Engineers and Land Surveyors and as set forth in O.C.G.A. Section 15-6-67.

John T. Newman
Georgia Professional Land Surveyor # 3324

SURVEYOR CERTIFICATION (ALTA/NSPS)

To: Drayton-Parker Companies, LLC
First American Title Insurance Company
This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS, and includes Items 1, 2, 3, 4, 5, 6(a), 7(a), 7(b)-1), 8, 9, 11, and 13 of Table A thereof. The field work was completed on April 2, 2020.

Date: April 2, 2020
John T. Newman
Georgia Professional Land Surveyor # 3324

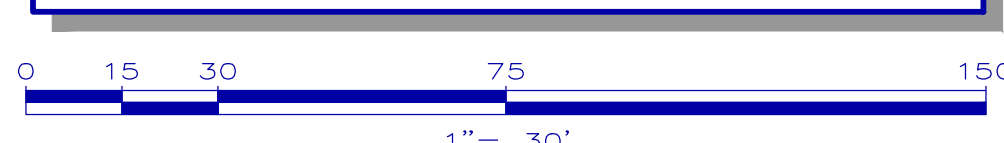
GeoSurvey

1660 Barnes Mill Road
Marietta, Georgia 30062
Phone: (770) 795-9900
Fax: (770) 795-8880
www.geosurvey.com
EMAIL: info@geosurvey.com
Certificate of Authorization #LSF-000621

N/F PROPERTY OF LEWIS COMMERCIAL PROPERTIES, LLC
DEED BOOK 246-D / PAGE 215
DEED BOOK 344-C / PAGE 483

TOTAL SITE AREA
3.423 Acres
149,090 sf
ZONED B-C

GRAPHIC SCALE



LINE TABLE

Table with 3 columns: LINE, BEARING, DISTANCE. Contains 4 rows of line data.

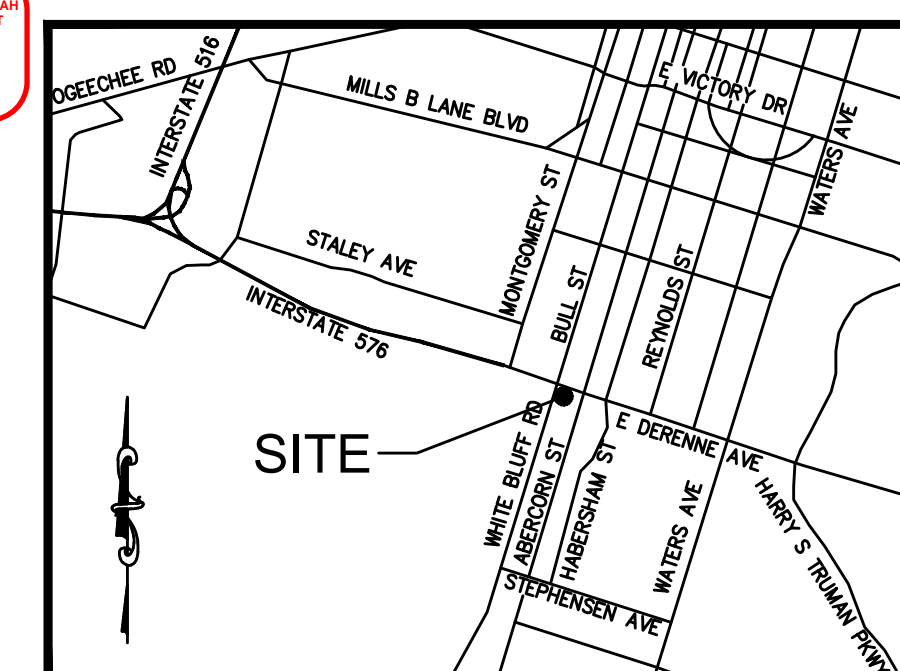
CLOSURE STATEMENT

THE FIELD CLOSURE UPON WHICH THIS PLAT IS BASED HAS A CLOSURE PRECISION OF ONE FOOT IN 81,384, AND WAS ADJUSTED USING THE LEAST SQUARES METHOD. A TRIMBLE S-6 TOTAL STATION AND TRIMBLE RSC-3 DATA COLLECTOR WERE USED TO COLLECT THIS FIELD DATA. THIS PLAT HAS BEEN CALCULATED FOR CLOSURE AND WAS FOUND TO BE ACCURATE WITHIN ONE FOOT IN 154,409 FEET. JTN, INT.

IF YOU DIG

Know what's below.
Call before you dig.
Dial 811
Or Call 800-282-7441



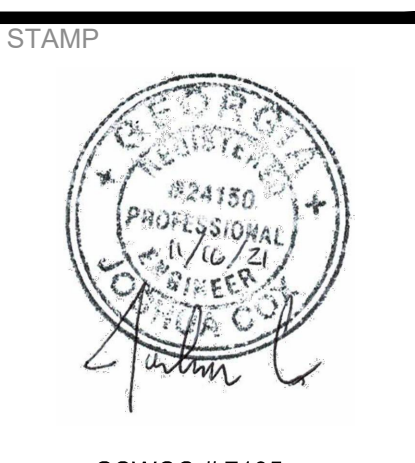
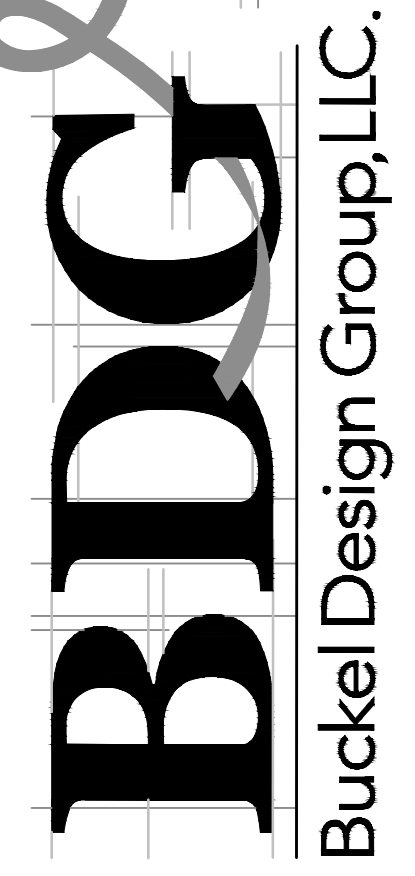


LOCATION MAP NOT TO SCALE

DEMOLITION NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR WALKING SITE & DETERMINING EXTENTS OF DEMOLITION WORK PRIOR TO BID DATE.
2. THE LOCATIONS OF ALL EXISTING UTILITIES SHOWN ON THIS PLAN HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR.
3. ALL EXISTING SEWERS, PIPING AND UTILITIES SHOWN ARE NOT TO BE INTERPRETED AS THE EXACT LOCATION, OR AS THE ONLY OBSTACLES THAT MAY OCCUR ON THE SITE.
4. PRIOR TO DEMOLITION OCCURRING, ALL INITIAL PHASE EROSION CONTROL DEVICES ARE TO BE INSTALLED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION OF UTILITY SERVICES TO THE EXISTING STRUCTURES PRIOR TO DEMOLITION OF THE BUILDINGS.
6. THE CONTRACTOR SHALL COORDINATE WITH RESPECTIVE UTILITY COMPANIES PRIOR TO THE REMOVAL AND/OR RELOCATION OF UTILITIES.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION & REMOVAL OF ALL STRUCTURES, PAIS, WALLS, FENCES, FOUNDATIONS, PARKING DRIVES, DRAINAGE STRUCTURES, UTILITIES, ETC.
8. ALL EXISTING UTILITIES ARE TO BE REMOVED, TERMINATED & CAPPED AT THE RIGHT-OF-WAY OR AT THE EXISTING TRUNK LINES.
9. CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS REQUIRED TO CARRY OUT THE WORK AS SHOWN ON THIS PLAN.
10. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL DEBRIS FROM THE SITE AND DISPOSING THE DEBRIS IN A LAWFUL MANNER.
11. EXISTING MANHOLES & VALVE BOXES TO REMAIN IN PLACE SHALL BE ADJUSTED TO FINAL GRADES.
12. ELECTRICAL, TELEPHONE, CABLE, WATER, FIBER OPTIC CABLE AND/OR GAS LINES NEEDING TO BE REMOVED OR RELOCATED SHALL BE COORDINATED WITH THE AFFECTED UTILITY COMPANY.
13. CONTRACTOR MUST PROTECT THE PUBLIC AT ALL TIMES WITH FENCING, BARRICADES, ENCLOSURES, ETC., TO THE BEST PRACTICES AND APPROVED BY CONSTRUCTION MANAGER.
14. CONTRACTOR MAY LIMIT SAW-CUT & PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE IT IS REQUIRED AS SHOWN ON THESE CONSTRUCTION PLANS; BUT IF ANY DAMAGE IS INCURRED ON ANY OF THE SURROUNDING PAVEMENT, ETC., THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR.
15. CONTINUOUS ACCESS SHALL BE MAINTAINED FOR THE SURROUNDING PROPERTIES AT ALL TIMES DURING DEMOLITION OF THE EXISTING FACILITIES.
16. NO EQUIPMENT SHALL BE STORED WITHIN ANY RIGHT-OF-WAY WITH OUT PERMISSION OF RIGHT-OF-WAY OWNER.
17. WITHIN OR ADJACENT TO EXISTING BUSINESSES, CONTRACTOR SHALL MAINTAIN ALL PARKING, SIDEWALKS, DRIVES, ETC. CLEAR AND FREE FROM ANY CONSTRUCTION ACTIVITY AND/OR MATERIAL TO ENSURE EASY AND SAFE PEDESTRIAN AND VEHICULAR TRAFFIC TO AND FROM THE SITE.
18. THE CONTRACTOR SHALL MAINTAIN ALL UTILITY SERVICES TO THE EXISTING ADJACENT BUSINESSES AT ALL TIMES.
19. THE CONTRACTOR SHALL COORDINATE WATERMAIN WORK WITH THE FIRE DEPT. AND THE CITY/COUNTY UTILITY DEPARTMENT TO PLAN PROPOSED IMPROVEMENTS AND TO ENSURE ADEQUATE FIRE PROTECTION IS CONSTANTLY AVAILABLE TO THE STORE AND SITE THROUGH OUT THIS SPECIFIC WORK AND THROUGH ALL PHASES OF CONSTRUCTION.
20. DAMAGE TO ANY EXISTING CONDITIONS TO REMAIN WILL BE REPLACED/REPAIRED AT CONTRACTOR'S EXPENSE.
21. CONTRACTOR TO REPLACE/REPAIR ASPHALT AS NEEDED AFTER DEMOLITION, ABANDONMENT, OR RELOCATION OF PAVING, UTILITIES, STRUCTURES, ETC. AS PART OF THE BASE BID.
22. IF ANY AREA OUTSIDE THE LIMITS OF CONSTRUCTION IS DAMAGED AS A RESULT OF DELIVERIES, STORAGE, OR OTHER RELATED CONSTRUCTION ACTIVITY, THE CONTRACTOR IS REQUIRED TO REPAIR ANY DAMAGE TO THE SATISFACTION OF THE PROPERTY OWNER AFFECTED.

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSSE.COM



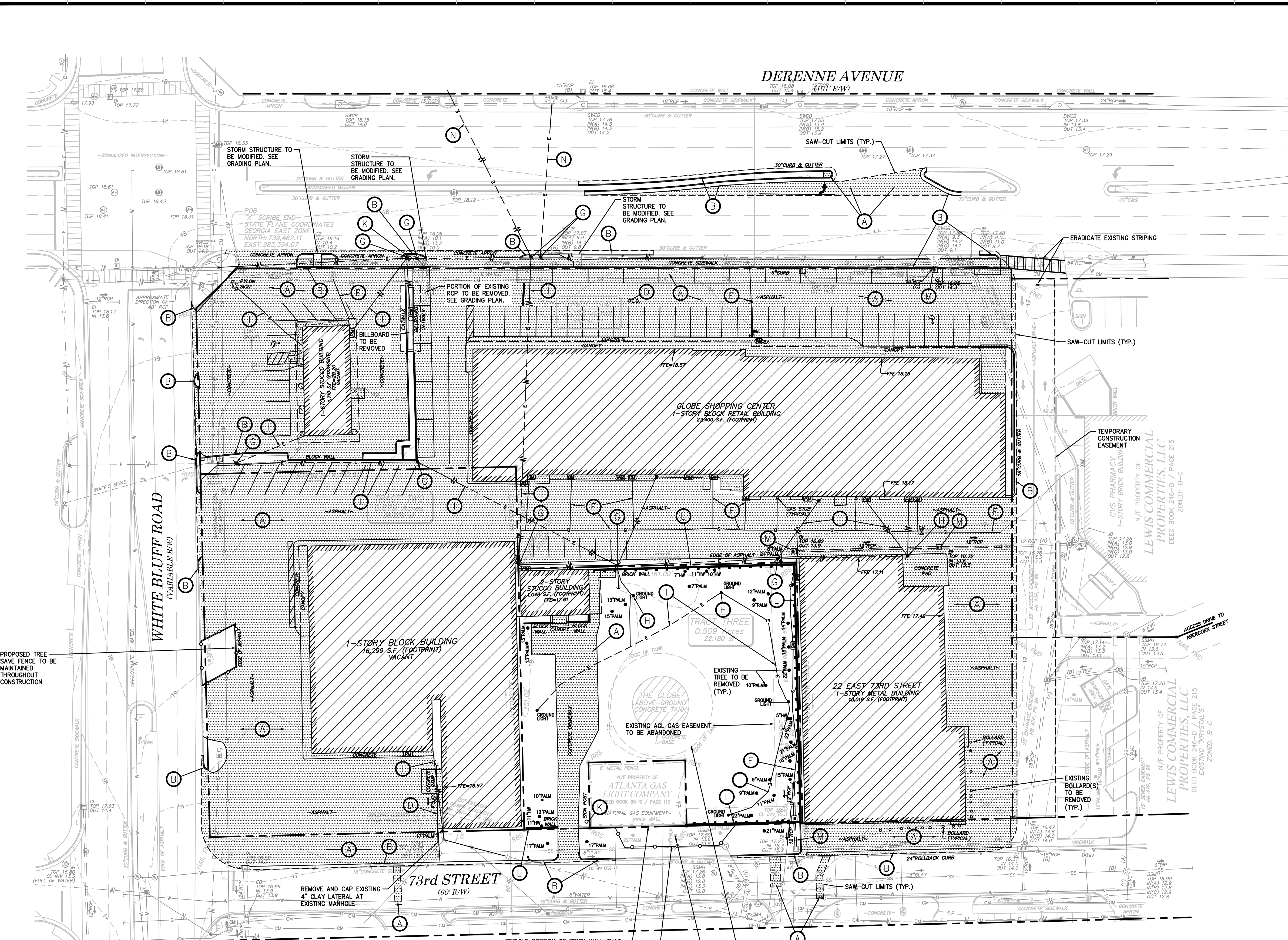
GSWCC #7195

PROPOSED: Parkers Kitchen SAVANNAH, GA 31405
FOR: ATLAS SHRUGGED II, LLC SAVANNAH, GA 31401

Table with 2 columns: REVISION, BY. Contains revision details for city comments and drainage changes.

Table with 2 columns: DRAWN, CHECKED, ISSUED DATE, ISSUED FOR CONSTRUCTION, PROJECT NO., FILE.

SHEET DE-1



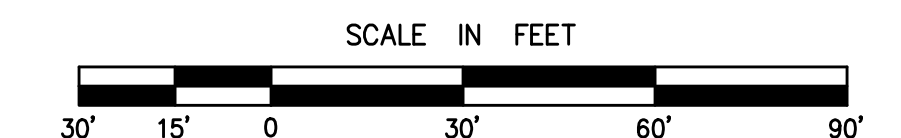
DEMOLITION LEGEND

- (A) EXISTING PAVEMENT/CONCRETE TO BE REMOVED.
(B) EXISTING CURB AND GUTTER TO BE REMOVED.
(C) EXISTING SANITARY SEWER MAIN AND MANHOLES TO BE REMOVED.
(D) EXISTING SANITARY SEWER LATERAL AND CLEANOUTS TO BE REMOVED.
(E) EXISTING WATER MAIN, LATERAL, VALVES, THRUST BLOCKS, ETC. TO BE REMOVED.
(F) EXISTING GAS MAIN TO BE REMOVED.
(G) EXISTING POWER POLE TO BE REMOVED OR RELOCATED. COORDINATE WITH UTILITY OWNER.
(H) EXISTING LIGHT POLE AND FIXTURE TO BE REMOVED.
(I) EXISTING ELECTRICAL AND TELEPHONE SERVICE LINES, BOXES AND TRANSFORMERS TO BE REMOVED.
(J) EXISTING FENCE TO BE REMOVED.
(K) EXISTING SIGN TO BE REMOVED.
(L) EXISTING WALL TO BE REMOVED.
(M) EXISTING STORM SEWER, MANHOLES AND INLETS TO BE REMOVED.
(N) EXISTING ONE LINES TO BE REMOVED/RELOCATED BY GEORGIA POWER. CONTRACTOR TO COORDINATE.

DEMOLITION PLAN LEGEND

- Denotes specific existing items to be demolished (DARKENED)
Denotes existing items to remain (SCREENED)
Denotes building demolition
Denotes pavement demolition

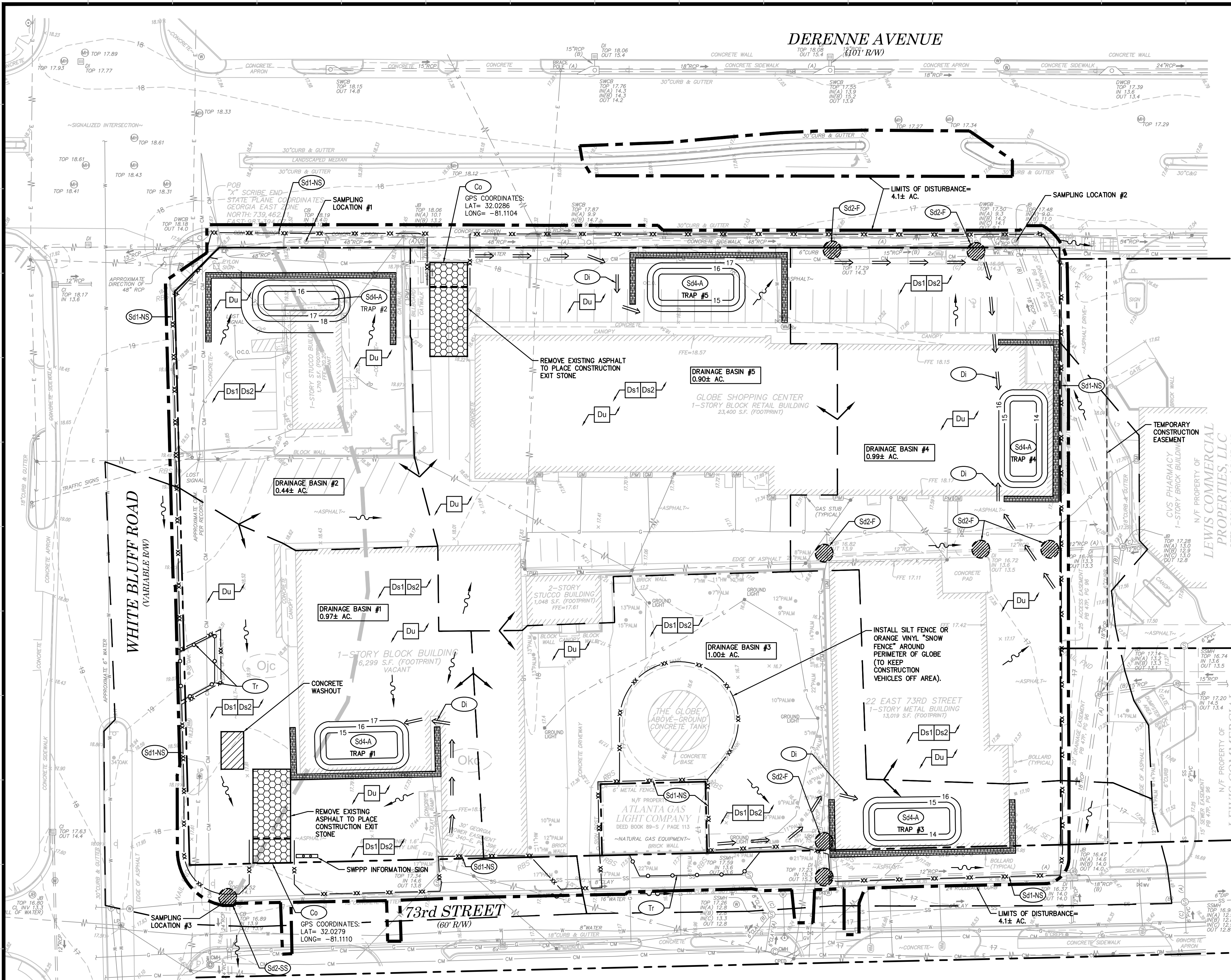
DEMOLITION PLAN



USFS Scanned - Nov 16, 2021 - 1:03pm
P:\Project Drawing Files\Department\2019\19-180 Savannah, GA (Derenne & White Bluff - Parker's)\19-180 Main.dwg - LAYOUT: DE-1



Know what's below Call before you dig



PROVIDE TEMPORARY IRRIGATION OR WATERING, VIA WATER TRUCK, AS NEEDED TO ESTABLISH TEMPORARY AND PERMANENT VEGETATION UNTIL THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTION OR UNTIL THE NOT IS SUBMITTED IF A PERMANENT IRRIGATION SYSTEM ISN'T PLANNED. AREAS NOT HAVING A PERMANENT IRRIGATION SYSTEM SHALL BE IRRIGATED OR WATERED UNTIL THE NOT HAS BEEN SUBMITTED AND ACCEPTED.

REFER TO PLAN SHEET ES-4 FOR FOR GENERAL NOTES, MAINTENANCE NOTES, SITE DATA & QUAD MAP

ACREAGE SUMMARY
(IN ACRES)

TOTAL SITE AREA	3.42 AC±
ON-SITE DISTURBED AREA	3.42 AC±
OFF-SITE DISTURBED AREA	0.68 AC±
TOTAL DISTURBED AREA	4.1 AC±
IMPERVIOUS AREA AT COMPLETION	*2.58 AC±
PERVIOUS AREA AT COMPLETION	*0.71 AC±

* IMPERVIOUS/PERVIOUS AREAS EXCLUDE R/W DEDICATION (+0.13 AC)

DEVELOPER/OWNER:
ATLAS SHRUGGED II, LLC
17 W McDONOUGH ST
SAVANNAH, GA 31401
PH: 912-235-1640

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

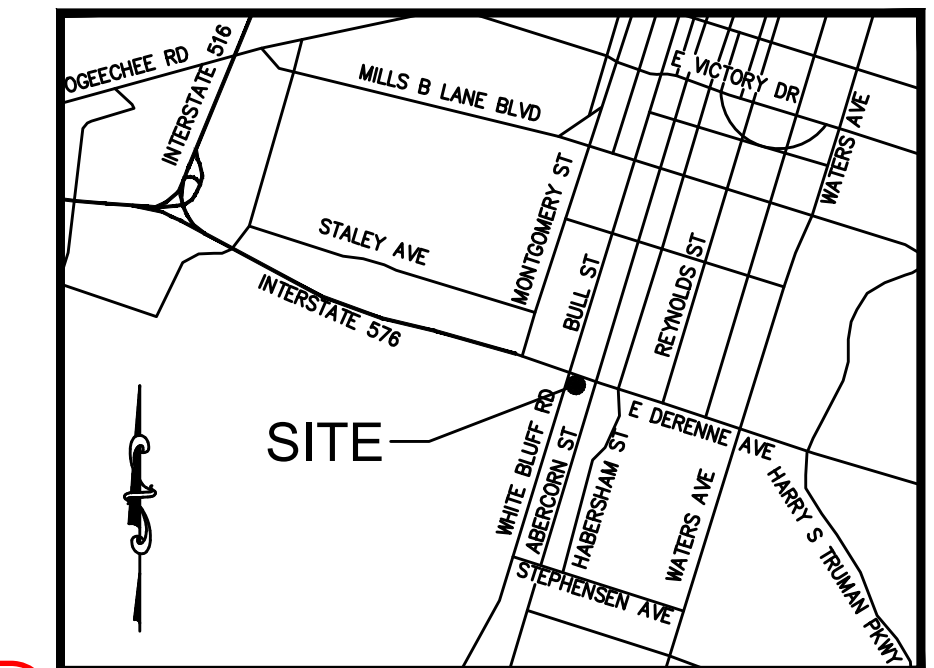
24 HR LOCAL EMERGENCY CONTACT

JOSHUA COX (404)567-5701
BUCKEL DESIGN GROUP, LLC

(CONTRACTOR'S NAME) (PHONE NUMBER)

NOTE: CONTRACTOR TO PROVIDE UPDATED INFORMATION ONCE CONTRACT IS AWARDED.

NOTE: SEE SURVEY FOR EXISTING LEGEND SYMBOLS



LOCATION MAP
NOT TO SCALE

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Di	DIVERSION			An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled to stabilize the completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Tr	TREE PROTECTION			To protect desirable trees from injury during construction activity.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCH ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SOODING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface soil and air movement of dust on construction site, roadways and similar sites.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.

CONSERVATION COMMISSION NOTES

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.

ALL EROSION & 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 ONSITE INSPECTION BY THE ISSUING AUTHORITY.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

- PHASE I**
- INSTALL STABILIZED CONSTRUCTION EXIT(S) AND SWPPP INFORMATION SIGN.
 - INSTALL TREE PROTECTION FENCE.
 - INSTALL SILT FENCE(S) ON THE SITE. (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE)
 - PREPARE TEMPORARY PARKING AND STORAGE AREA.
 - DEMOLISH BUILDINGS AND ABOVE-GROUND STRUCTURES (LIMIT EARTH DISTURBANCE).
 - REMOVE BUILDING FOUNDATIONS. USE EXCAVATED AREAS TO FORM TEMPORARY SEDIMENT TRAPS AS SHOWN. INSTALL INLET SEDIMENT TRAPS AS SHOWN.
 - GA 7 DAY BMP INSPECTION REQUEST
THE GENERAL CONTRACTOR SHALL CONTACT BUCKEL DESIGN GROUP, LLC TO SCHEDULE AN INSPECTION OF THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
 - INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.) TO DIRECT CONSTRUCTION STORMWATER RUNOFF TO TEMPORARY SEDIMENT TRAPS AND INLET TRAPS. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL STRUCTURES.
 - BEGIN GRADING THE SITE.

- PHASE II**
- TEMPORARY SEED, THROUGHOUT CONSTRUCTION, DENUED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
 - EXCAVATE PIT FOR UNDERGROUND FUEL TANKS. METHODS FOR DEWATERING SHOULD BE IN PLACE, INCLUDING PUMP TO DEWATER PIT.
 - INSTALL UNDERGROUND FUEL TANKS AND SUPPLY LINES. INSTALL FUEL DISPENSERS, FUEL CANOPY, AND CONCRETE PAD UNDER CANOPY.
 - START CONSTRUCTION OF BUILDING.
 - INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, ADM CURB AND GUTTER.
 - INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT.

- PHASE III**
- CONTINUE GRADING THE SITE AFTER BUILDING DEMOLITION HAS BEEN COMPLETED.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - COMPLETE OFF-SITE ROADWAY WORK AND ASSOCIATED UNDERGROUND UTILITIES.
 - INSTALL BMP'S AS SHOWN.
 - PREPARE SITE FOR PAVING.
 - PAVE THE SITE.
 - INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
 - COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
 - COMPLETE LANDSCAPING AND IRRIGATION.
 - REMOVE TEMPORARY BMP'S ONCE ALL UPSTREAM AREAS HAVE ACHIEVED FINAL STABILIZATION.
 - REMOVE TREE PROTECTION FENCE.
 - OBTAIN CONCURRENCE WITH CITY EROSION CONTROL INSPECTOR THAT THE SITE HAS BEEN FULLY STABILIZED.
 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT.

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMP'S HAVE BEEN COMPLETELY INSTALLED. BMP-RELATED STEPS IN THE ABOVE SEQUENCE ARE ITALICIZED FOR CLARITY.

SEDIMENT STORAGE NOTE:
EXISTING SITE IS CONSIDERED AN ENVIRONMENTAL "HOT-SPOT". SOIL AND/OR GROUNDWATER CONTAMINATION WILL BE REMEDIATED THROUGH A CORRECTIVE ACTION PLAN AS PART OF THE BROWNFIELD PROGRAM. TEMPORARY SEDIMENT BASINS ARE NOT RECOMMENDED DUE TO THE POTENTIAL FOR ACCUMULATED STORMWATER TO INFILTRATE INTO CONTAMINATED GROUNDWATER, LEADING TO OFF-SITE MIGRATION. ACCORDINGLY, SEDIMENT STORAGE REQUIREMENTS WILL BE ACHIEVED THROUGH SHALLOW TEMPORARY SEDIMENT TRAPS, INLET SEDIMENT TRAPS, AND TEMPORARY SEDIMENT BARRIERS.

Sd4-A: TEMPORARY SEDIMENT TRAP CALCULATIONS - PHASE 1

TRAP NAME	(1) DRAINAGE AREA (AC)	(2) REQ'D SEDIMENT (C.Y.)	(3) PROVIDED STORAGE (C.Y.)	(4) DEPTH (FEET)	(5) SIDE SLOPE	(6) SURFACE AREA (S.F.)	(7) SHAPE	(8) DIMENSIONS (FEET)
#1	0.97	65.0	65.2	2	3:1	880	RECT.	20X44
#2	0.44	29.5	29.6	2	3:1	400	RECT.	10X40
#3	1.00	67.0	68.1	2	3:1	920	RECT.	20X46
#4	0.99	66.3	66.7	2	3:1	900	RECT.	20X45
#5	0.90	60.3	60.7	2	3:1	820	RECT.	20X41

NOTE: CONTRACTOR TO ADJUST ABOVE DIMENSIONS BASED ON CONSTRUCTION PROGRESS TO ENSURE MINIMUM STORAGE VOLUMES ARE MET AT ALL TIMES.

EROSION CONTROL LEGEND

- PROPERTY LINE
- LIMITS OF DISTURBANCE
- CONTOUR ELEVATIONS
- STORM DRAIN
- DIRECTION OF OVERLAND FLOW
- LIMITS OF DRAINAGE SUB-BASIN
- SOIL SERIES BOUNDARY
- SILT FENCE
- TREE PROTECTION FENCE
- SWPPP INFORMATION SIGN
- TEMPORARY BARRICADE

SOIL SERIES LEGEND

- Ojc OJILLA-URBAN LAND COMPLEX
- Okc OSEECHEE-URBAN LAND COMPLEX

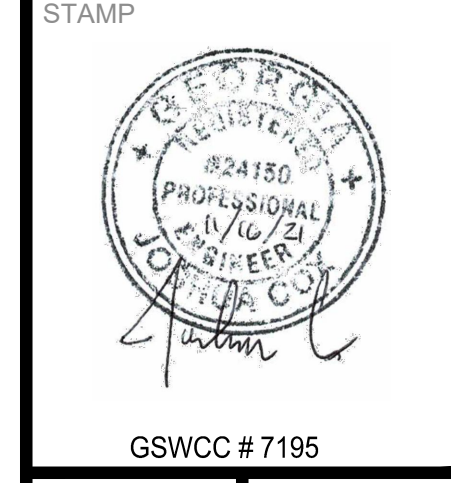
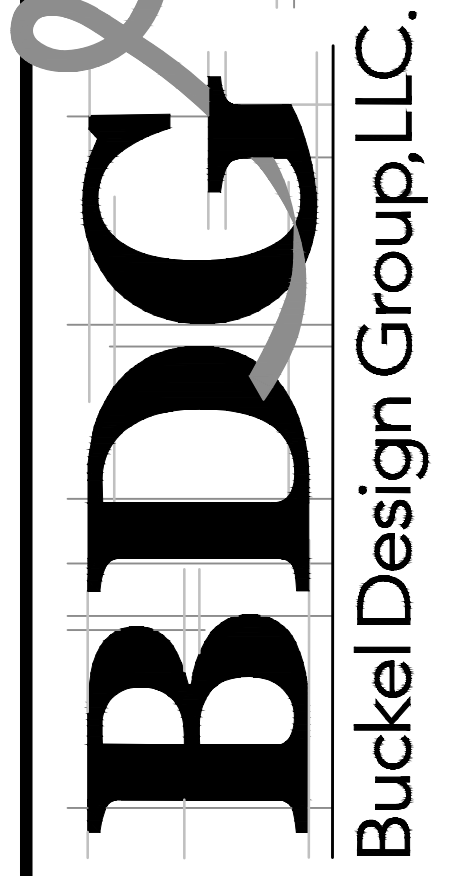
PHASE I - SITE MAP
EROSION SEDIMENTATION & POLLUTION CONTROL PLAN

SCALE IN FEET

SCALE: 1"=30'

30' 15' 0 30' 60' 90'

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM



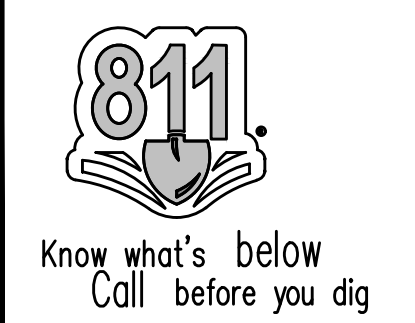
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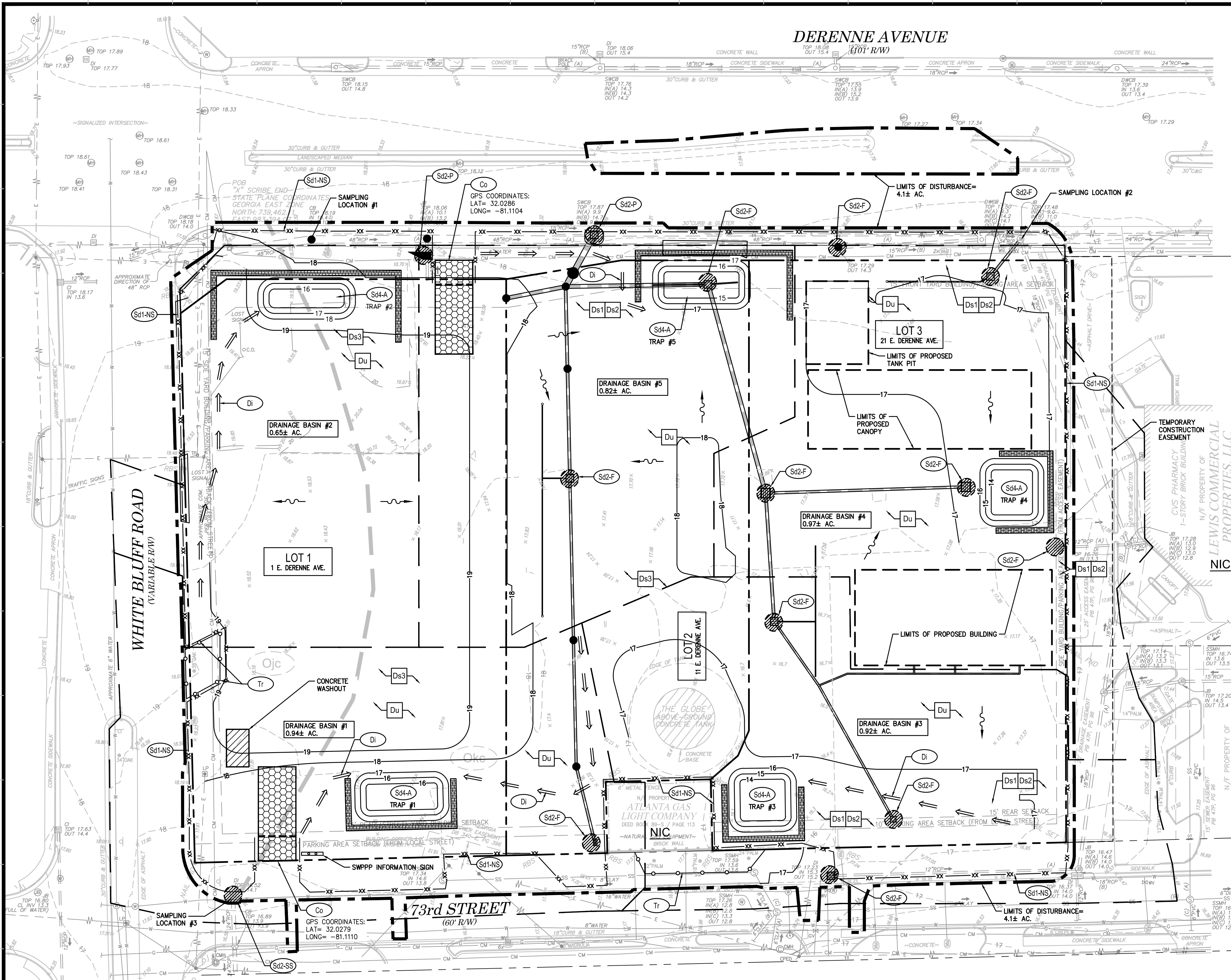
PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #2, ADDRESSED E&S COMMENTS 9/16/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN	SC
CHECKED	JWC
ISSUED DATE	8/16/2021
ISSUED FOR CONSTRUCTION	
PROJECT NO.	19-180
FILE	19-180 Main
SHEET	ES-1





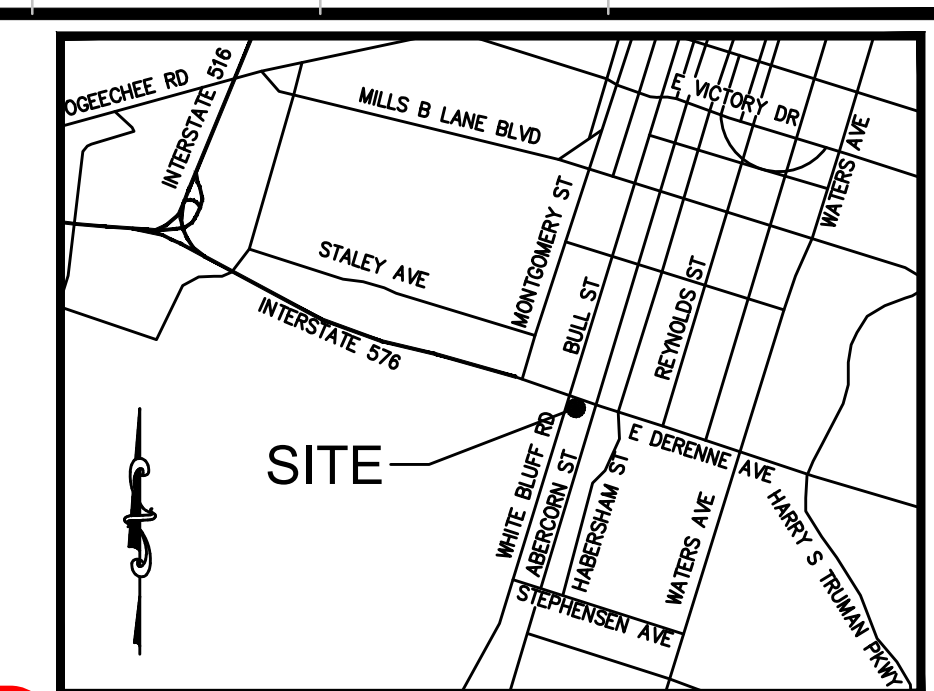
PROVIDE TEMPORARY IRRIGATION OR WATERING, VIA WATER TRUCK, AS NEEDED TO ESTABLISH TEMPORARY AND PERMANENT VEGETATION UNTIL THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTION OR UNTIL THE NOT IS SUBMITTED IF A PERMANENT IRRIGATION SYSTEM ISN'T PLANNED. AREAS NOT HAVING A PERMANENT IRRIGATION SYSTEM SHALL BE IRRIGATED OR WATERED UNTIL THE NOT HAS BEEN SUBMITTED AND ACCEPTED.

REFER TO PLAN SHEET ES-4 FOR FOR GENERAL NOTES, MAINTENANCE NOTES, SITE DATA & QUAD MAP

ACREAGE SUMMARY
(IN ACRES)

TOTAL SITE AREA	3.42 AC±
ON-SITE DISTURBED AREA	3.42 AC±
OFF-SITE DISTURBED AREA	0.68 AC±
TOTAL DISTURBED AREA	4.1 AC±
IMPERVIOUS AREA AT COMPLETION	*2.58 AC±
PERVIOUS AREA AT COMPLETION	*0.71 AC±

* IMPERVIOUS/PERVIOUS AREAS EXCLUDE R/W DEDICATION (+0.13 AC.)



DEVELOPER/OWNER:
ATLAS SHRUGGED II, LLC
17 W McDONOUGH ST
SAVANNAH, GA 31401
PH: 912-235-1640

SITE OPERATOR/GENERAL CONTRACTOR:

SUPERINTENDENT:

24 HR LOCAL EMERGENCY CONTACT

JOSHUA COX (404)567-5701
BUCKEL DESIGN GROUP, LLC

(CONTRACTOR'S NAME) (PHONE NUMBER)

NOTE: CONTRACTOR TO PROVIDE UPDATED INFORMATION ONCE CONTRACT IS AWARDED.

NOTE: SEE SURVEY FOR EXISTING LEGEND SYMBOLS

LOCATION MAP
NOT TO SCALE

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a swale, drainage ditch or area of concentrated flow.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Di	DIVERSION			An earth channel or dike located above, below or across a slope to divert runoff. This may be a temporary or permanent structure.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain drop inlet. The excavated area will be filled to stabilize an inlet structure during construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
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St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
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VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCH ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
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Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.

CONSERVATION COMMISSION NOTES

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.

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ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

- PHASE I**
- INSTALL STABILIZED CONSTRUCTION EXIT(S) AND SWPPP INFORMATION SIGN.
 - INSTALL TREE PROTECTION FENCE.
 - INSTALL SILT FENCE(S) ON THE SITE. (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE)
 - PREPARE TEMPORARY PARKING AND STORAGE AREA.
 - DEMOLISH BUILDINGS AND ABOVE-GROUND STRUCTURES (LIMIT EARTH DISTURBANCE).
 - REMOVE BUILDING FOUNDATIONS. USE EXCAVATED AREAS TO FORM TEMPORARY SEDIMENT TRAPS AS SHOWN. INSTALL INLET SEDIMENT TRAPS AS SHOWN.
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THE GENERAL CONTRACTOR SHALL CONTACT BUCKEL DESIGN GROUP, LLC TO SCHEDULE AN INSPECTION OF THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
 - INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.) TO DIRECT CONSTRUCTION STORMWATER RUNOFF TO TEMPORARY SEDIMENT TRAPS AND INLET TRAPS. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL STRUCTURES.
 - BEGIN GRADING THE SITE.

- PHASE II**
- TEMPORARY SEED, THROUGHOUT CONSTRUCTION, DENUED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
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 - INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT.

- PHASE III**
- CONTINUE GRADING THE SITE AFTER BUILDING DEMOLITION HAS BEEN COMPLETED.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - COMPLETE OFF-SITE ROADWAY WORK AND ASSOCIATED UNDERGROUND UTILITIES INCLUDING BMP'S AS SHOWN.
 - PREPARE SITE FOR PAVING.
 - PAVE THE SITE.
 - INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
 - COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
 - COMPLETE LANDSCAPING AND IRRIGATION.
 - REMOVE TEMPORARY BMP'S ONCE ALL UPSTREAM AREAS HAVE ACHIEVED FINAL STABILIZATION.
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 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT.

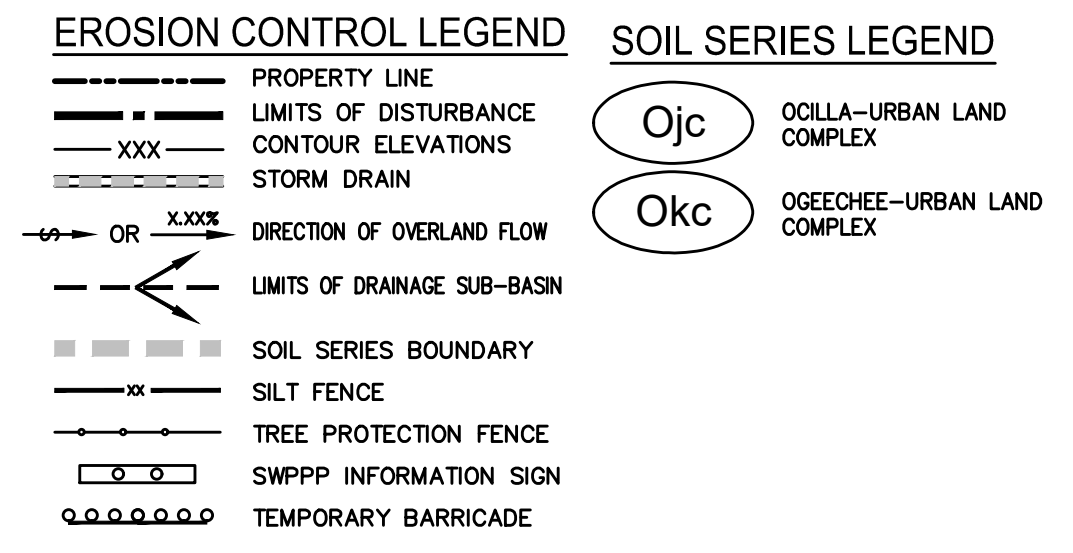
NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMP'S HAVE BEEN COMPLETELY INSTALLED. BMP-RELATED STEPS IN THE ABOVE SEQUENCE ARE ITALICIZED FOR CLARITY.

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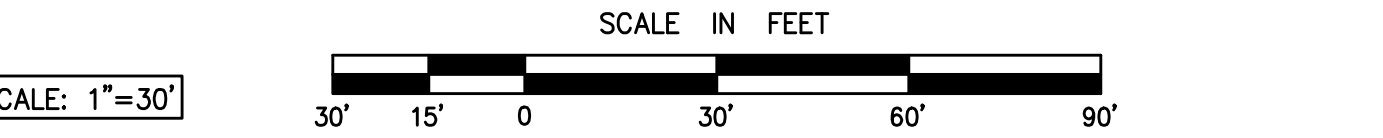
S44-A: TEMPORARY SEDIMENT TRAP CALCULATIONS - PHASE 2

TRAP NAME	(1) DRAINAGE AREA (AC)	(2) REQ'D SEDIMENT (C.Y.)	(3) PROVIDED STORAGE (C.Y.)	(4) DEPTH (FEET)	(5) SIDE SLOPE	(6) SURFACE AREA (S.F.)	(7) SHAPE	(8) DIMENSIONS (FEET)
#1	0.94	63.0	65.2	2	3:1	880	RECT.	20X44
#2	0.65	43.6	44.4	2	3:1	600	RECT.	15X40
#3	0.92	61.6	63.6	2	3:1	858	RECT.	26X33
#4	0.97	65.0	68.4	2	3:1	924	RECT.	28X33
#5	0.82	54.9	60.7	2	3:1	820	RECT.	20X41

NOTE: CONTRACTOR TO ADJUST ABOVE DIMENSIONS BASED ON CONSTRUCTION PROGRESS TO ENSURE MINIMUM STORAGE VOLUMES ARE MET AT ALL TIMES.

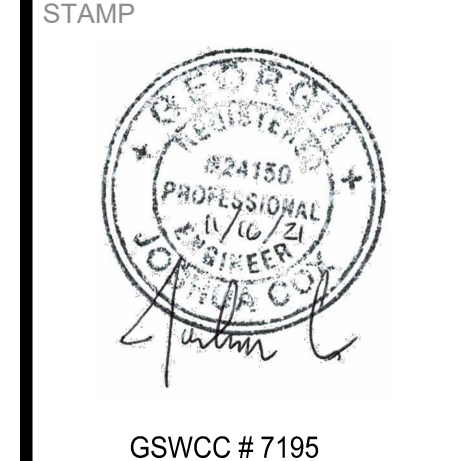
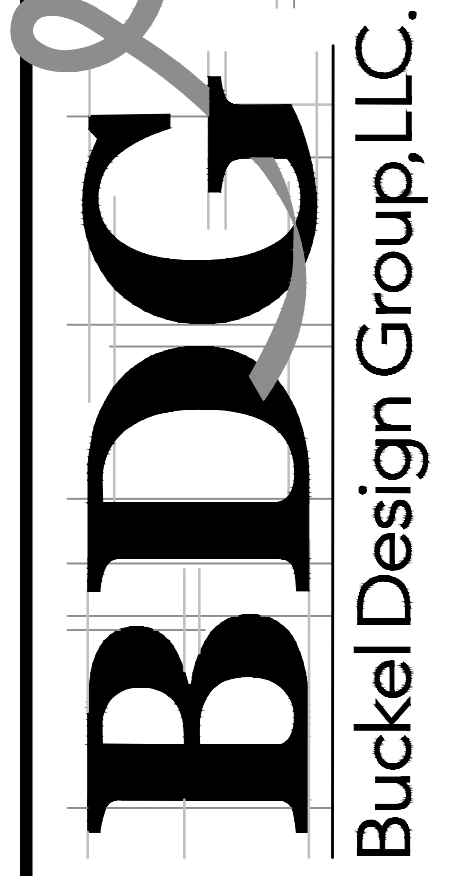


PHASE II - SITE MAP
EROSION SEDIMENTATION
& POLLUTION CONTROL PLAN



811 Know what's below Call before you dig

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM



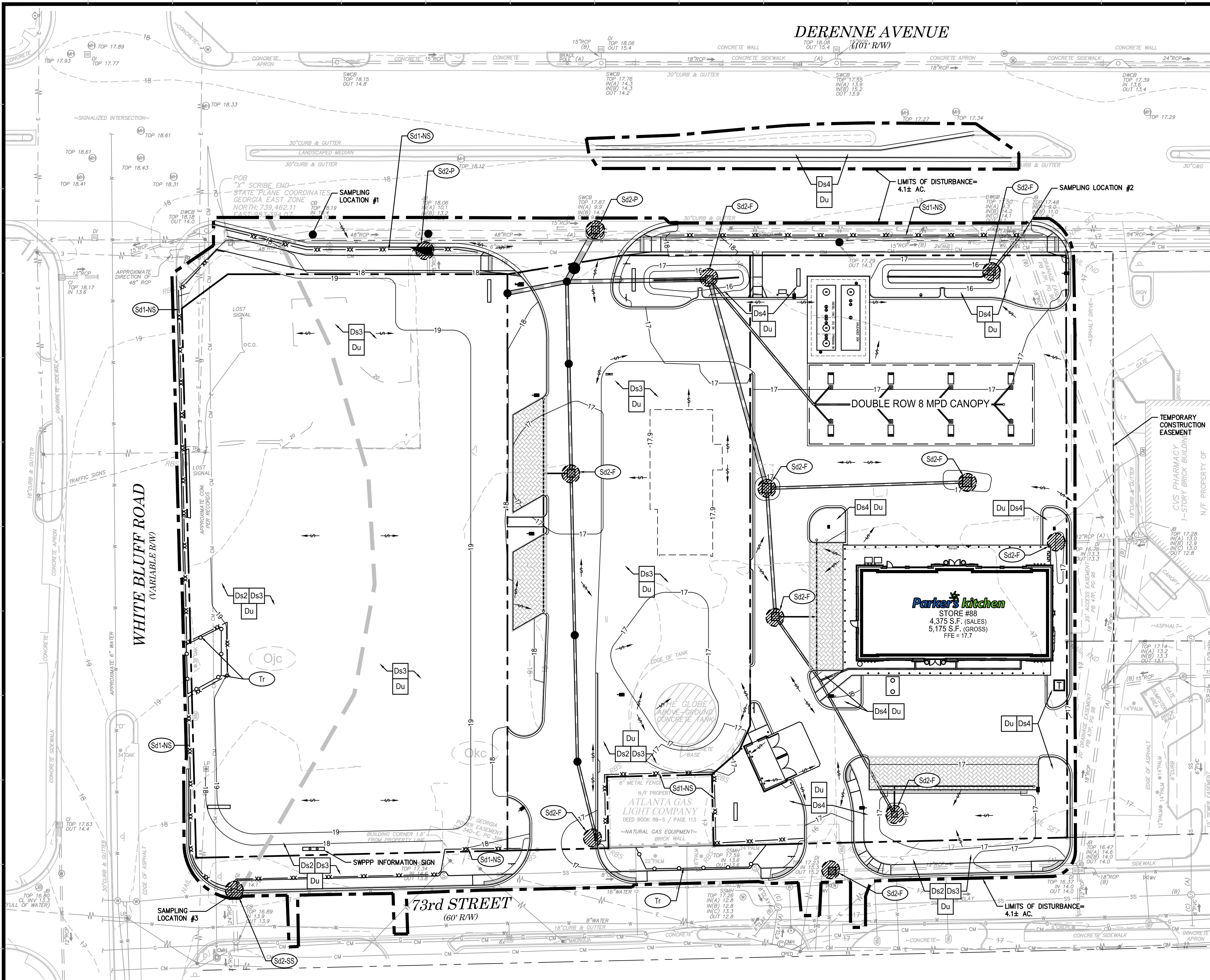
GSWCC # 7195

PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #2, ADDRESSED E&S COMMENTS 9/16/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180 Main
SHEET ES-2



PROVIDE TEMPORARY IRRIGATION OR WATERING, VIA WATER TRUCK, AS NEEDED TO ESTABLISH TEMPORARY AND PERMANENT VEGETATION UNTIL THE PERMANENT IRRIGATION SYSTEM IS FULLY FUNCTION OR UNTIL THE NOT IS SUBMITTED IF A PERMANENT IRRIGATION SYSTEM ISN'T PLANNED. AREAS NOT HAVING A PERMANENT IRRIGATION SYSTEM SHALL BE IRRIGATED OR WATERED UNTIL THE NOT HAS BEEN SUBMITTED AND ACCEPTED.

REFER TO PLAN SHEET ES-4 FOR FOR GENERAL NOTES, MAINTENANCE NOTES, SITE DATA & QUAD MAP

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(IN ACRES)

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ON-SITE DISTURBED AREA	3.42 AC±
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* IMPERVIOUS/PERVIOUS AREAS EXCLUDE R/W DEDICATION (+0.13 AC)

DEVELOPER/OWNER:
ATLAS SHRUGGED II, LLC
17 W McDONOUGH ST
SAVANNAH, GA 31401
PH: 912-235-1640

SITE OPERATOR/GENERAL CONTRACTOR:

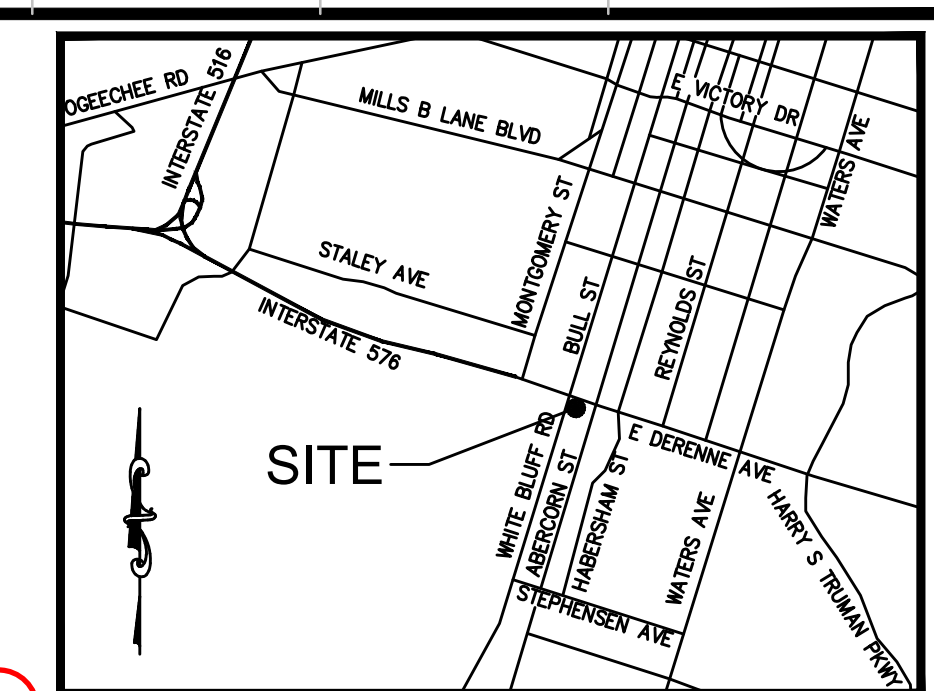
SUPERINTENDENT:

24 HR LOCAL EMERGENCY CONTACT
JOSHUA COX (404)567-5701
BUCKEL DESIGN GROUP, LLC

(CONTRACTOR'S NAME) (PHONE NUMBER)

NOTE: CONTRACTOR TO PROVIDE UPDATED INFORMATION ONCE CONTRACT IS AWARDED.

NOTE: SEE SURVEY FOR EXISTING LEGEND SYMBOLS



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NOT TO SCALE

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Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.

CONSERVATION COMMISSION NOTES

EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.

THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND-DISTURBING ACTIVITIES.

ALL EROSION & 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 ONSITE INSPECTION BY THE ISSUING AUTHORITY.

ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

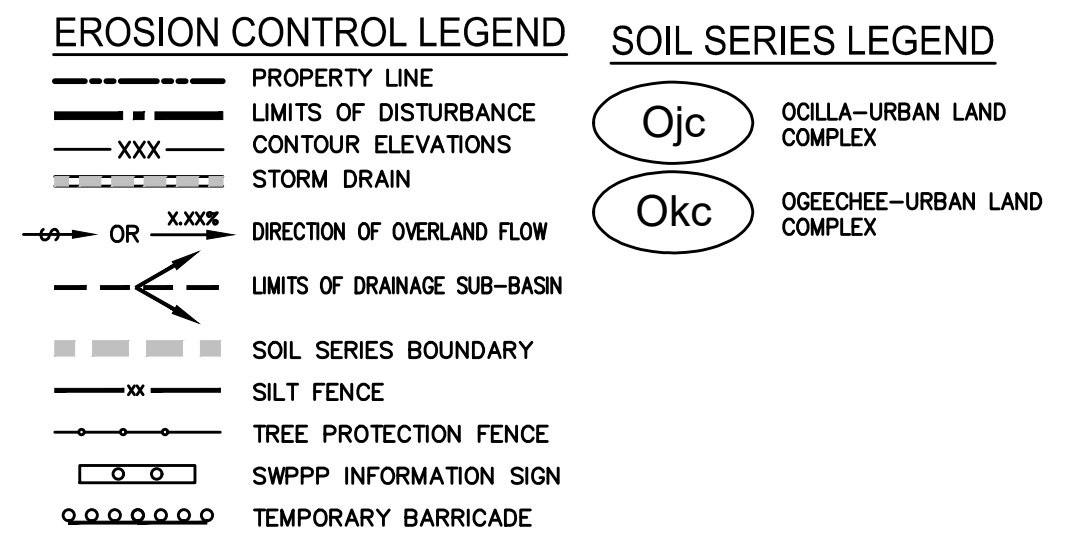
- PHASE I**
- INSTALL STABILIZED CONSTRUCTION EXIT(S) AND SWPPP INFORMATION SIGN.
 - INSTALL TREE PROTECTION FENCE.
 - INSTALL SILT FENCE(S) ON THE SITE. (CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL SILT FENCE)
 - PREPARE TEMPORARY PARKING AND STORAGE AREA.
 - DEMOLISH BUILDINGS AND ABOVE-GROUND STRUCTURES (LIMIT EARTH DISTURBANCE).
 - REMOVE BUILDING FOUNDATIONS. USE EXCAVATED AREAS TO FORM TEMPORARY SEDIMENT TRAPS AS SHOWN. INSTALL INLET SEDIMENT TRAPS AS SHOWN.
 - GA 7 DAY BMP INSPECTION REQUEST
THE GENERAL CONTRACTOR SHALL CONTACT BUCKEL DESIGN GROUP, LLC TO SCHEDULE AN INSPECTION OF THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROL BMP'S WITHIN 7 DAYS AFTER INSTALLATION.
 - INSTALL AND STABILIZE HYDRAULIC CONTROL STRUCTURES (DIKES, SWALES, CHECK DAMS, ETC.) TO DIRECT CONSTRUCTION STORMWATER RUNOFF TO TEMPORARY SEDIMENT TRAPS AND INLET TRAPS. CLEAR ONLY THOSE AREAS NECESSARY TO INSTALL HYDRAULIC CONTROL STRUCTURES.
 - BEGIN GRADING THE SITE.

- PHASE II**
- TEMPORARY SEED, THROUGHOUT CONSTRUCTION, DENUEED AREAS THAT WILL BE INACTIVE FOR 14 DAYS OR MORE.
 - EXCAVATE PIT FOR UNDERGROUND FUEL TANKS. METHODS FOR DEWATERING SHOULD BE IN PLACE, INCLUDING PUMP TO DEWATER PIT.
 - INSTALL UNDERGROUND FUEL TANKS AND SUPPLY LINES. INSTALL FUEL DISPENSERS, FUEL CANOPY, AND CONCRETE PAD UNDER CANOPY.
 - START CONSTRUCTION OF BUILDING.
 - INSTALL UTILITIES, UNDERDRAINS, STORM SEWERS, ADM CURB AND GUTTER.
 - INSTALL INLET PROTECTION AT ALL STORM SEWER STRUCTURES AS EACH INLET STRUCTURE IS INSTALLED.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT.

- PHASE III**
- CONTINUE GRADING THE SITE AFTER BUILDING DEMOLITION HAS BEEN COMPLETED.
 - PERMANENTLY STABILIZE AREAS TO BE VEGETATED AS THEY ARE BROUGHT TO FINAL GRADE.
 - COMPLETE OFF-SITE ROADWAY WORK AND ASSOCIATED UNDERGROUND UTILITIES.
 - INSTALLING BMP'S AS SHOWN.
 - PREPARE SITE FOR PAVING.
 - PAVE THE SITE.
 - INSTALL APPROPRIATE INLET PROTECTION DEVICES FOR PAVED AREAS AS WORK PROGRESSES.
 - COMPLETE GRADING AND INSTALLATION OF PERMANENT STABILIZATION OVER ALL AREAS.
 - COMPLETE LANDSCAPING AND IRRIGATION.
 - REMOVE TEMPORARY BMP'S ONCE ALL UPSTREAM AREAS HAVE ACHIEVED FINAL STABILIZATION.
 - REMOVE TREE PROTECTION FENCE.
 - OBTAIN CONCURRENCE WITH CITY EROSION CONTROL INSPECTOR THAT THE SITE HAS BEEN FULLY STABILIZED.
 - CONTINUE DAILY INSPECTION REPORTS UNTIL THE FINAL DAILY INSPECTION REPORT.

NOTE: THE GENERAL CONTRACTOR MAY COMPLETE CONSTRUCTION-RELATED ACTIVITIES CONCURRENTLY ONLY IF ALL PRECEDING BMP'S HAVE BEEN COMPLETELY INSTALLED. BMP-RELATED STEPS IN THE ABOVE SEQUENCE ARE ITALICIZED FOR CLARITY.

SEDIMENT STORAGE NOTE:
EXISTING SITE IS CONSIDERED AN ENVIRONMENTAL "HOT-SPOT". SOIL AND/OR GROUNDWATER CONTAMINATION WILL BE REMEDIATED THROUGH A CORRECTIVE ACTION PLAN AS PART OF THE BROWNFIELD PROGRAM. TEMPORARY SEDIMENT BASINS ARE NOT RECOMMENDED DUE TO THE POTENTIAL FOR ACCUMULATED STORMWATER TO INFILTRATE INTO CONTAMINATED GROUNDWATER, LEADING TO OFF-SITE MIGRATION. ACCORDINGLY, SEDIMENT STORAGE REQUIREMENTS WILL BE ACHIEVED THROUGH SHALLOW TEMPORARY SEDIMENT TRAPS, INLET SEDIMENT TRAPS, AND TEMPORARY SEDIMENT BARRIERS.



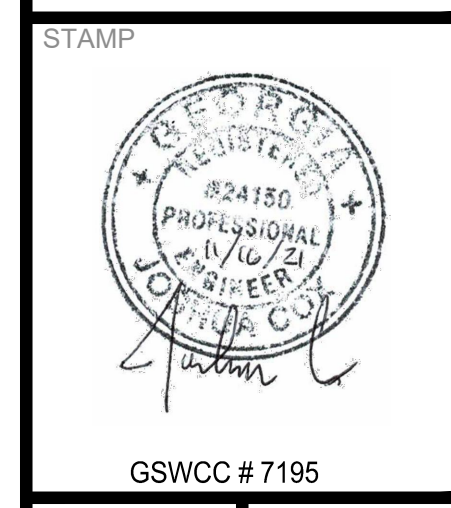
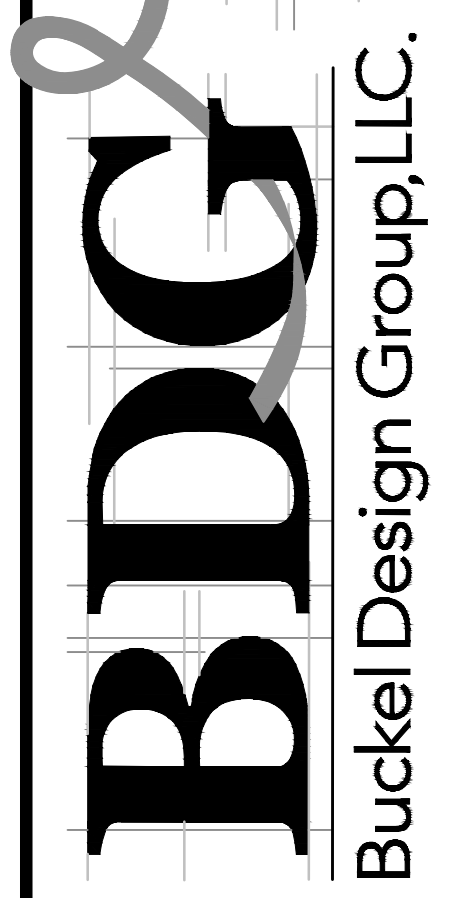
PHASE III - SITE MAP
EROSION SEDIMENTATION
& POLLUTION CONTROL PLAN

SCALE: 1"=30'

SCALE IN FEET

30' 15' 0' 30' 60' 90'

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGE.COM



GSWCC #7195

PROPOSED:
Parker's kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #2, ADDRESSED E&S COMMENTS 9/16/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN	SC
CHECKED	JWC
ISSUED DATE	8/16/2021
ISSUED FOR	CONSTRUCTION
PROJECT NO.	19-180
FILE	19-180 Main
SHEET	ES-3



EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
COMMON DEVELOPMENT CONSTRUCTION PROJECTS (Primary and Tertiary Permittees)
SWDC: Georgia EPD Coastal District - Brunswick Office

Project Name: Parker's Kitchen
City/Country: Savannah, Chatham Co.
Address: 21 East Germaine Avenue
Date on Plan: 9/16/21 & 9/16/21
Name & email of person filling out checklist: Joshua Cox, P.E. (josh_cox@bdgse.com)

TO BE SHOWN ON ES&PC PLAN

Plan Included	Page	Y/N
ES-4	1	Y
ES-4	2	Y
ES-123	3	Y
ES-123	4	Y
ES-5	5	Y
ES-5	6	Y
ES-5	7	Y
ES-5	8	Y
ES-5	9	Y
ES-5	10	Y
ES-5	11	Y
ES-5	12	Y
ES-5	13	Y
ES-5	14	Y
ES-5	15	Y
ES-5	16	Y
ES-5	17	Y
ES-4	18	Y
ES-123	19	Y
ES-123	20	Y
ES-123	21	Y
ES-4	22	Y
N/A	23	N/A
N/A	24	N/A
ES-123	25	Y
ES-5	26	Y
ES-5	27	Y
ES-5	28	Y
ES-5	29	Y
ES-123	30	Y
ES-5	31	Y
ES-5	32	Y
ES-5	33	Y
ES-5	34	Y
ES-5	35	Y
ES-5	36	Y
ES-123	37	Y
ES-123	38	Y
ES-123	39	Y
ES-123	40	Y
N/A	41	N/A
N/A	42	N/A
N/A	43	N/A
N/A	44	N/A
ES-1	45	Y
ES-5	46	Y
ES-5	47	Y
N/A	48	N/A
ES-123	49	Y
ES-123	50	Y
ES-123	51	Y
ES-123	52	Y
ES-6,7	53	Y
ES-123	54	Y

EROSION CONTROL NOTES

- SILT FENCE MUST MEET THE REQUIREMENTS OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL OF GEORGIA.
- ADDITIONAL EROSION CONTROL MEASURES WILL BE EMPLOYED BY CONTRACTOR WHERE DETERMINED NECESSARY BY ACTUAL SITE CONDITIONS TO ENSURE COMPLIANCE WITH REGULATIONS. ANY MEASURES IMPLEMENTED REQUIRING HYDRAULIC CALCULATIONS ARE TO BE COORDINATED WITH AND CERTIFIED BY THE DESIGN PROFESSIONAL PRIOR TO COMMENCEMENT.
- PROVISIONS TO PREVENT EROSION OF SOIL FROM THE SITE SHALL BE, AT A MINIMUM, IN CONFORMANCE WITH THE REQUIREMENTS OF THE COUNTY EROSION AND SEDIMENTATION ORDINANCE AND THE SEDIMENT CONTROL REGULATIONS, AND GEORGIA MANUAL ON EROSION AND SEDIMENT CONTROL.
- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH ENTRY TO OR EXIT FROM THE SITE. ALL OTHER DRIVEWAYS WITHOUT A CONSTRUCTION EXIT SHALL BE BARRICADED TO PROHIBIT INGRESS AND EGRESS TRAFFIC.
- THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEAN-OUT OF ANY STRUCTURES USED TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE FROM THE SITE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED.
- DURING AND AFTER CONSTRUCTION IS COMPLETE, ALL DETENTION AND/OR WATER QUALITY FACILITIES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT. BOTTOM OF POND SHALL BE BROUGHT TO ELEVATION AND SHAPED AS SHOWN ON THE GRADING PLAN.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL DEVICES WHILE ROADWAY IMPROVEMENTS ARE BEING MADE.
- EROSION CONTROL DEVICES SHALL BE INSTALLED BEFORE GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE 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 CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.
- THE CONTRACTOR SHALL REMOVE ACCUMULATED SILT WHEN THE SILT IS WITHIN 1/2 OF THE ORIGINAL HEIGHT OF THE SILT FENCE UTILIZED FOR EROSION CONTROL. IN THE SEDIMENTATION PONDS, SILT SHALL BE REMOVED WHEN THE CLEANOUT VOLUME (22 CY/AC) IS REACHED. SEDIMENT STORAGE INDICATORS MUST BE INSTALLED IN EACH POND.
- FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED BACK TO LOCAL AND STATE STANDARDS.
- A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
- SILT BARRIERS ARE TO BE PLACED AT DOWNSTREAM TOE OF ALL FILL SLOPES.
- ALL SLOPES AND AREAS DISTURBED DURING CONSTRUCTION SHALL BE GRADED SMOOTH AND 4" OF AMENDED TOPSOIL APPLIED. THE AREA SHALL THEN BE SEEDED, FERTILIZED, MULCHED, WATERED AND MAINTAINED UNTIL A HEALTHY STAND OF PERMANENT VEGETATION HAS BEEN ESTABLISHED FOR ALL DISTURBED AREAS.
- ABSOLUTELY NO SEDIMENT SHALL BE PERMITTED TO LEAVE THE SITE DURING CONSTRUCTION. IF HEAVY RAINS AND UNUSUAL SITE CONDITIONS RESULT IN THE POLLUTION OF ROADWAYS OR ADJACENT PARCELS THEN THE GRADING CONTRACTOR SHALL CLEAN THE DISTURBED AREAS IMMEDIATELY AND RESTORE THE AREAS TO THE ORIGINAL CONDITION.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE GOVERNING OFFICIALS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE INTIMATE WITH THE LOCAL EROSION CONTROL LAWS AND TO REFLECT THIS KNOWLEDGE IN HIS/HER ACTIONS AND QUOTATIONS.
- REFERENCE THE CONSTRUCTION SEQUENCE FOR THE RELATIONSHIP BETWEEN THE INSTALLATION OF EROSION CONTROL FEATURES AND GENERAL CONSTRUCTION.
- MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL MEASURES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER AND THE CONTRACTOR.
- ALL GRADED SLOPES STEEPER THAN 3:1 OR OVER 5' IN HEIGHT REGARDLESS OF SLOPE MUST BE HYDRA SEEDED AND COVERED WITH EXCELSIOR CURLEX BLANKETS OR APPROVED EQUIV. FIBER MATTING. IF NOT HYDRA SEEDED, APPROVED MATTING THAT HAS BEEN IMPREGNATED WITH SEED AND FERTILIZER MUST BE USED. ALL SLOPES MUST BE PROPERLY PROTECTED UNTIL A PERMANENT VEGETATIVE STAND IS ESTABLISHED.
- ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED AS SOON AS FINAL GRADE IS ACHIEVED. THESE DISTURBED AREAS MUST BE PROTECTED UNTIL PERMANENT VEGETATION IS ESTABLISHED.
- CONTRACTOR MUST HAUL OFF ALL SOLID WASTE TO AN APPROVED LAND FILL. SOLID WASTE BURNING ON SITE IS PROHIBITED.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.
- NO WASTE MATERIALS SHALL BE DISCHARGED INTO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARCH AND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS.
- ALL STATE WATERS LOCATED ON AND WITHIN 200 FT. OF THE SITE ARE DELINEATED ON THE PLANS.
- THERE ARE NO WETLANDS LOCATED ON THIS SITE.
- PER THE REQUIREMENTS OF THE STATE OF GEORGIA NO CONCRETE TRUCK DRUMS CAN BE WASHED OUT ON A CONSTRUCTION SITE. ONLY CHUTES CAN BE WASHED OFF ON SITE.
- THE APPLICABLE PORTION OF THE PRIMARY PERMITTEES ES&PC PLAN IS TO BE PROVIDED TO EACH SECONDARY PERMITTEE PRIOR TO THE SECONDARY CONDUCTING ANY CONSTRUCTION ACTIVITY AND EACH SECONDARY SHALL SIGN THE PLAN OR PORTION OF THE PLAN APPLICABLE TO THEIR SITE.

ANTICIPATED ACTIVITY SCHEDULE

ACTIVITY	MONTH											
	1	2	3	4	5	6	7	8	9	10	11	12
1. INSTALL SEDIMENT CONTROLS	[Gantt bar from month 1 to 12]											
2. CLEARING AND GRUBBING	[Gantt bar from month 1 to 12]											
3. DEMOLITION	[Gantt bar from month 1 to 12]											
4. GRADING	[Gantt bar from month 1 to 12]											
5. STORM DRAINAGE INSTALLATION	[Gantt bar from month 1 to 12]											
6. INSTALL SEDIMENT TRAPS @ STRS	[Gantt bar from month 1 to 12]											
7. SANITARY SEWER INSTALLATION	[Gantt bar from month 1 to 12]											
8. UTILITY INSTALLATION	[Gantt bar from month 1 to 12]											
9. BLDG CONST & PAVING	[Gantt bar from month 1 to 12]											
10. DESILTING OF STORM BASIN	[Gantt bar from month 1 to 12]											
11. GRASS (TEMP) & (PERM)	[Gantt bar from month 1 to 12]											
12. FINAL LANDSCAPING	[Gantt bar from month 1 to 12]											
13. MAINTAIN EROSION CONTROL	[Gantt bar from month 1 to 12]											
14. CLEAN UP	[Gantt bar from month 1 to 12]											

NOTE: THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES. [Symbol] REPRESENTS A 30-DAY PERIOD

PERMITTEE CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS."

PRIMARY PERMITTEE PRINTED NAME GSWCC CERTIFICATION NO.	DATE
SIGNATURE	ADDRESS
SECONDARY PERMITTEE PRINTED NAME GSWCC CERTIFICATION NO.	DATE
SIGNATURE	ADDRESS
SECONDARY PERMITTEE PRINTED NAME GSWCC CERTIFICATION NO.	DATE
SIGNATURE	ADDRESS
SECONDARY PERMITTEE PRINTED NAME GSWCC CERTIFICATION NO.	DATE
SIGNATURE	ADDRESS

NOTE:

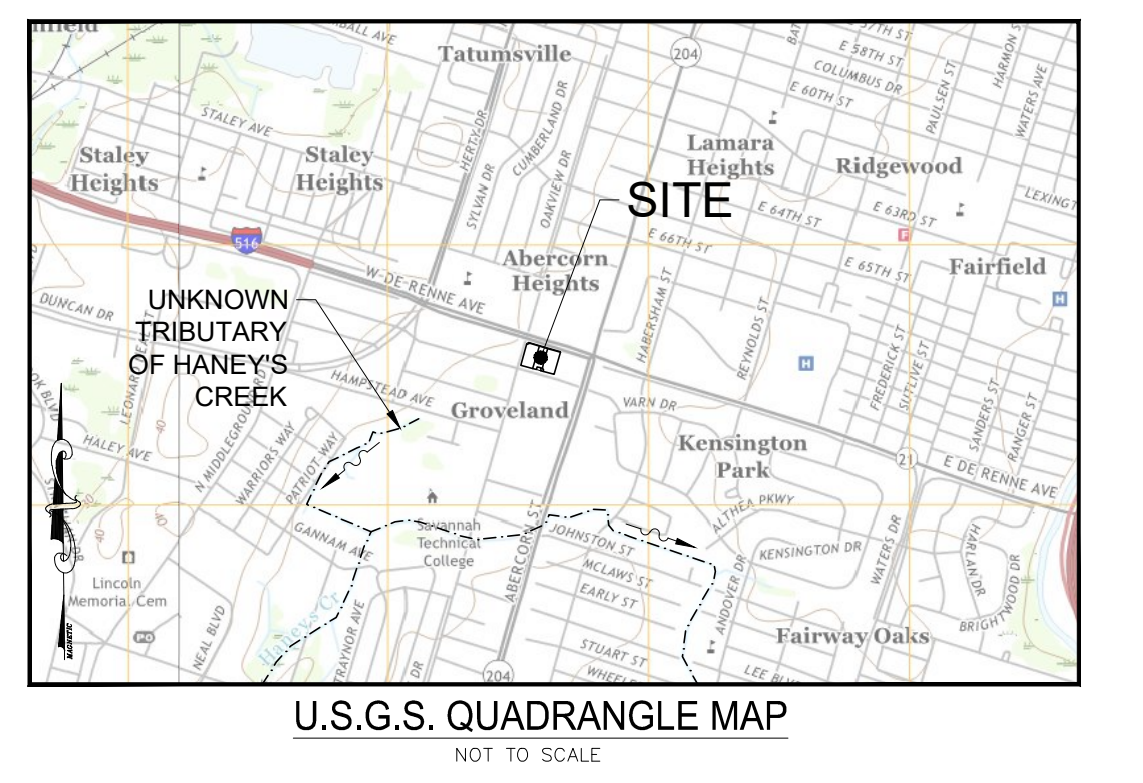
IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL MONITORING OF STORM WATER RUNOFF AS DICTATED BY THE NEW GA LAW "CLEAN WATER ACT" GENERAL PERMIT NO. GARI00003 GOVERNING EROSION CONTROL. ALL COSTS ARE TO BE INCLUDED IN BASE BID. CONTRACTOR IS RESPONSIBLE FOR ALL MONITORING FROM THE TIME LAND DISTURBING ACTIVITIES BEGIN UNTIL THE "NOTICE OF TERMINATION" IS FILED. CONTRACTOR TO REFER TO EROSION CONTROL PLANS, SHEETS ES-1 THRU ES-3, AND GENERAL PERMIT NO. GARI00003 FOR ADDITIONAL NOTES AND INFORMATION.

DESIGN PROFESSIONAL CERTIFICATIONS

"I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GARI00003."

"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 DIRECT SUPERVISION."

Signature: Joshua Cox
Date: 9/16/2021
PE # 24150
GSWCC CERTIFICATION NO. 7195



EROSION SEDIMENTATION, AND POLLUTION CONTROL PLAN NOTES



BDG
Buckel Design Group, LLC.
3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM



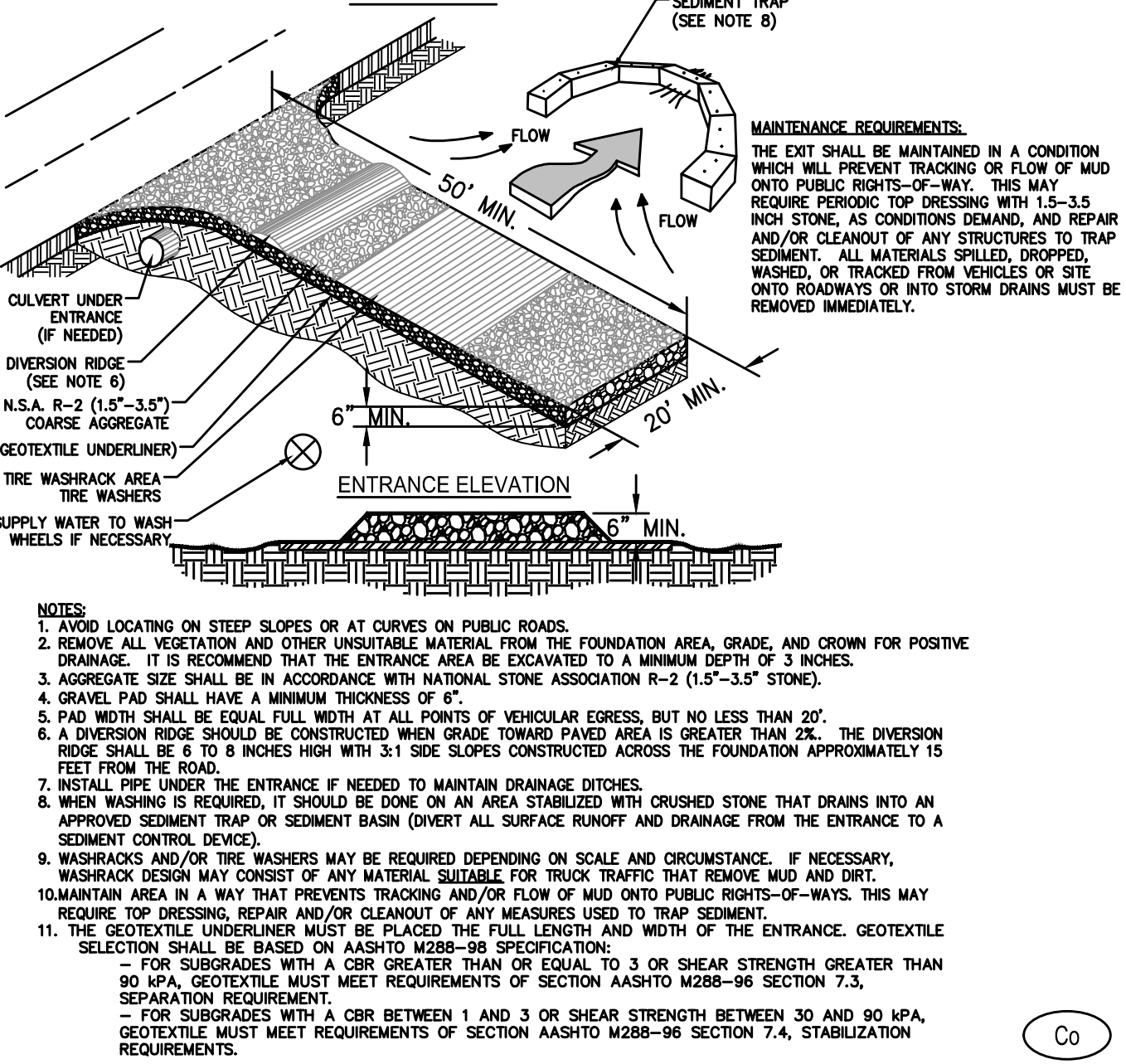
GSWCC # 7195

PROPOSED: Parker's Kitchen
SAVANNAH, GA 31405
FOR: ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #2, ADDRESSED E&S COMMENTS 9/16/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_ES-4&5 NOTES
SHEET ES-4

CRUSHED STONE CONSTRUCTION EXIT
EXIT DIAGRAM

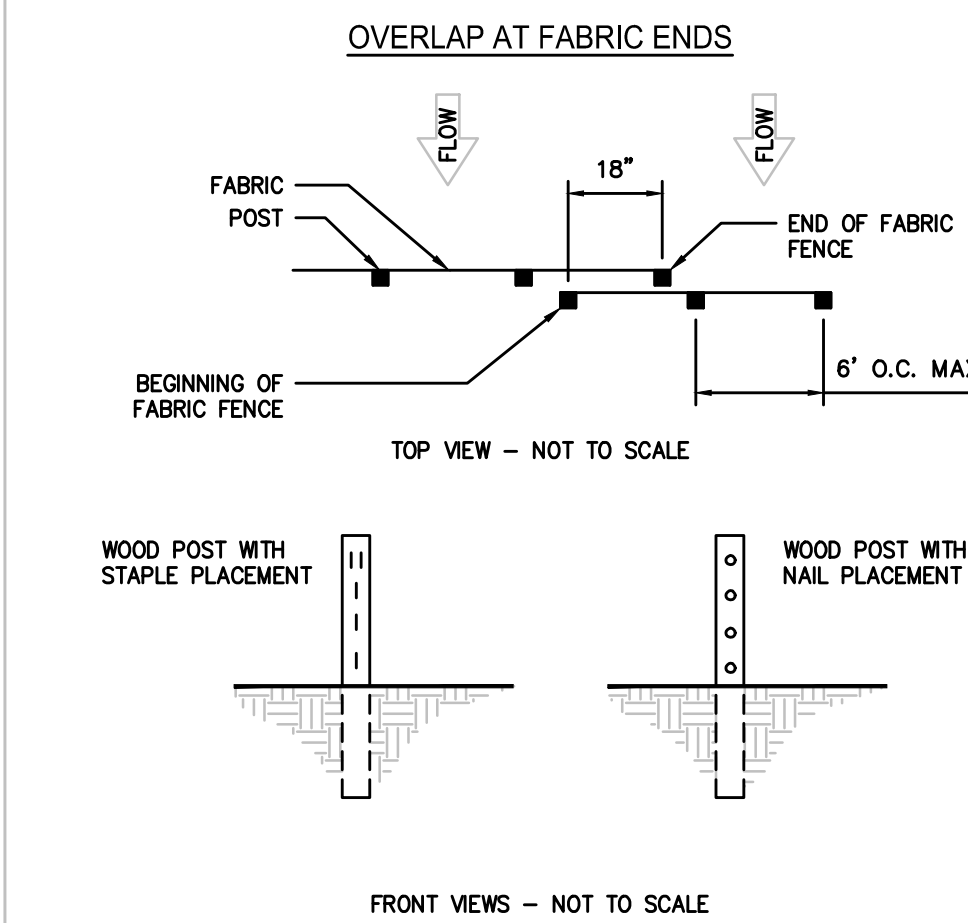


MAINTENANCE REQUIREMENTS:
THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1.5-3.5 INCH STONE, AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY STRUCTURES TO TRAP SEDIMENT. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES OR SITE ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.

- 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. IT IS RECOMMENDED THAT THE ENTRANCE AREA BE EXCAVATED TO A MINIMUM DEPTH OF 3 INCHES.
 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% . THE DIVERSION RIDGE SHALL BE 6 TO 8 INCHES HIGH WITH 3:1 SIDE SLOPES CONSTRUCTED ACROSS THE FOUNDATION APPROXIMATELY 15 FEET FROM THE ROAD.
 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE 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 (OVERT 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 REMOVES MUD AND DIRT. 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.
 10. THE GEOTEXTILE UNDERLAYER MUST BE PLACED THE FULL LENGTH AND WIDTH OF THE ENTRANCE. GEOTEXTILE SELECTION SHALL BE BASED ON AASHTO M288-96 SPECIFICATION.
 - FOR SUBGRADES WITH A CBR GREATER THAN OR EQUAL TO 3 OR SHEAR STRENGTH GREATER THAN 90 KPA, GEOTEXTILE MUST MEET REQUIREMENTS OF SECTION AASHTO M288-96 SECTION 7.3, SEPARATION REQUIREMENT.
 - FOR SUBGRADES WITH A CBR BETWEEN 1 AND 3 OR SHEAR STRENGTH BETWEEN 30 AND 90 KPA, GEOTEXTILE MUST MEET REQUIREMENTS OF SECTION AASHTO M288-96 SECTION 7.4, STABILIZATION REQUIREMENTS.

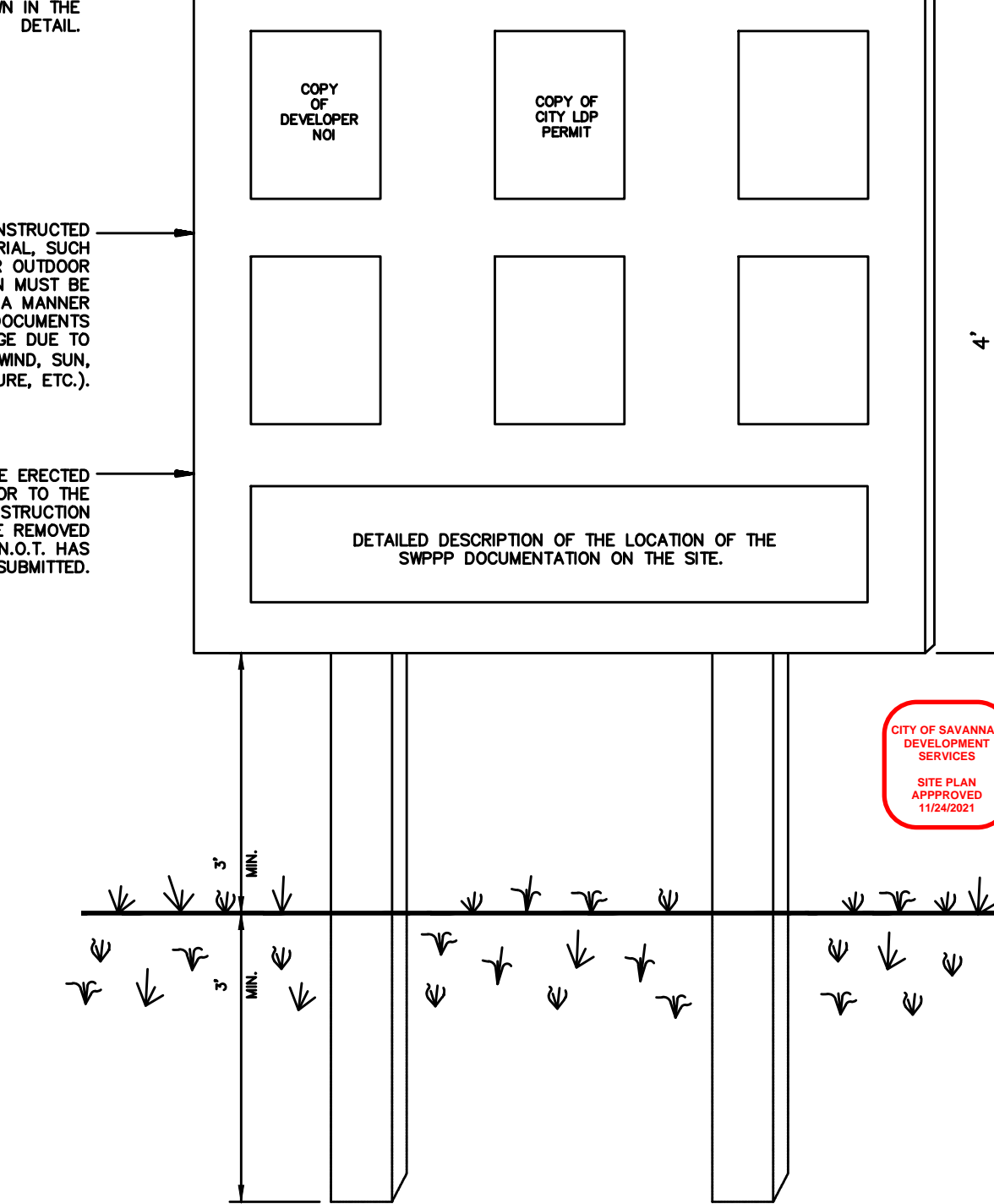
NOTES:
1. ACTUAL LAYOUT DETERMINED IN THE FIELD.

FASTENERS FOR SILT FENCES



- NOTES:**
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

SWPPP INFORMATION



SWPPP INFORMATION MUST BE DISPLAYED PROMINENTLY ACROSS THE TOP OF THE SIGN, AS SHOWN IN THE DETAIL.

SIGN TO BE CONSTRUCTED OF A RIGID MATERIAL, SUCH AS PLYWOOD OR OUTDOOR SIGN BOARD. SIGN MUST BE CONSTRUCTED IN A MANNER TO PROTECT DOCUMENTS FROM DAMAGE DUE TO WEATHER (WIND, SUN, MOISTURE, ETC.).

SIGN TO BE ERECTED ON-SITE PRIOR TO THE START OF CONSTRUCTION AND CAN BE REMOVED ONLY AFTER H.O.T. HAS BEEN SUBMITTED.

- NOTES:**
1. THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE CONSTRUCTION EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE AND VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
 2. ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
 3. CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE GOVERNING AGENCY.
 4. SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
 5. CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

SWPPP INFORMATION SIGN
N.T.S.

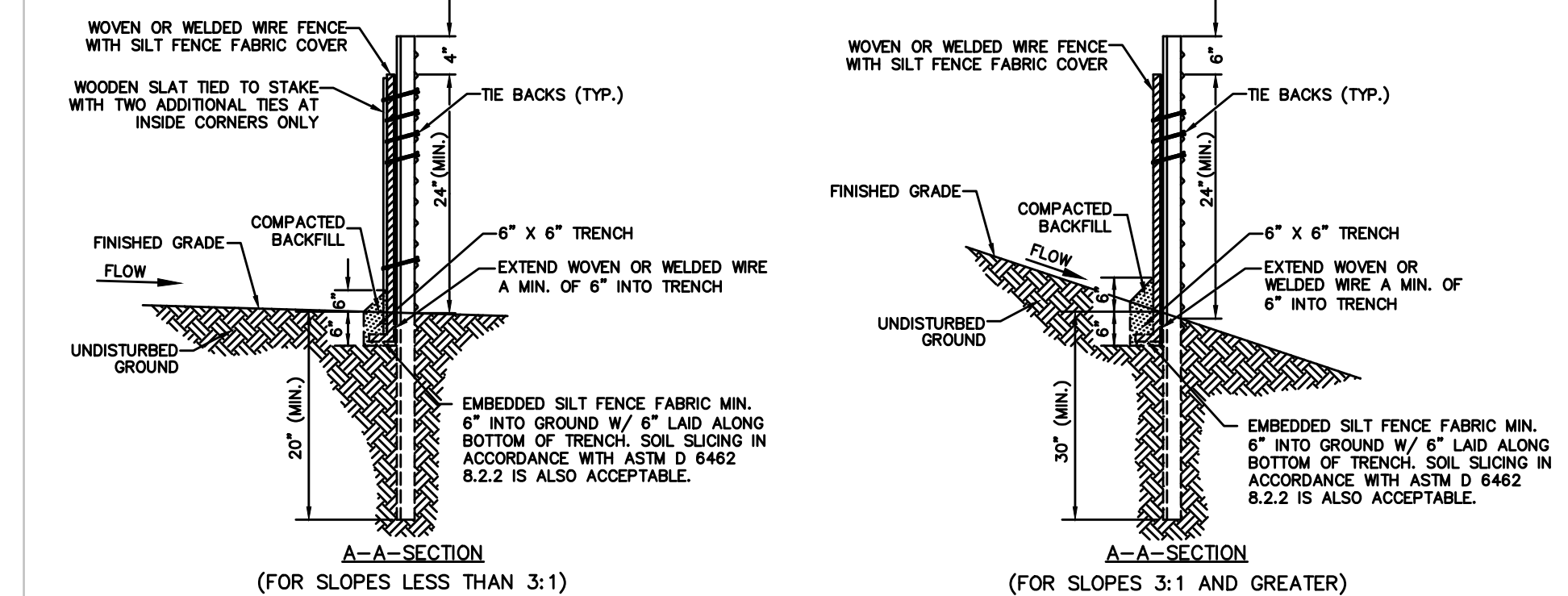
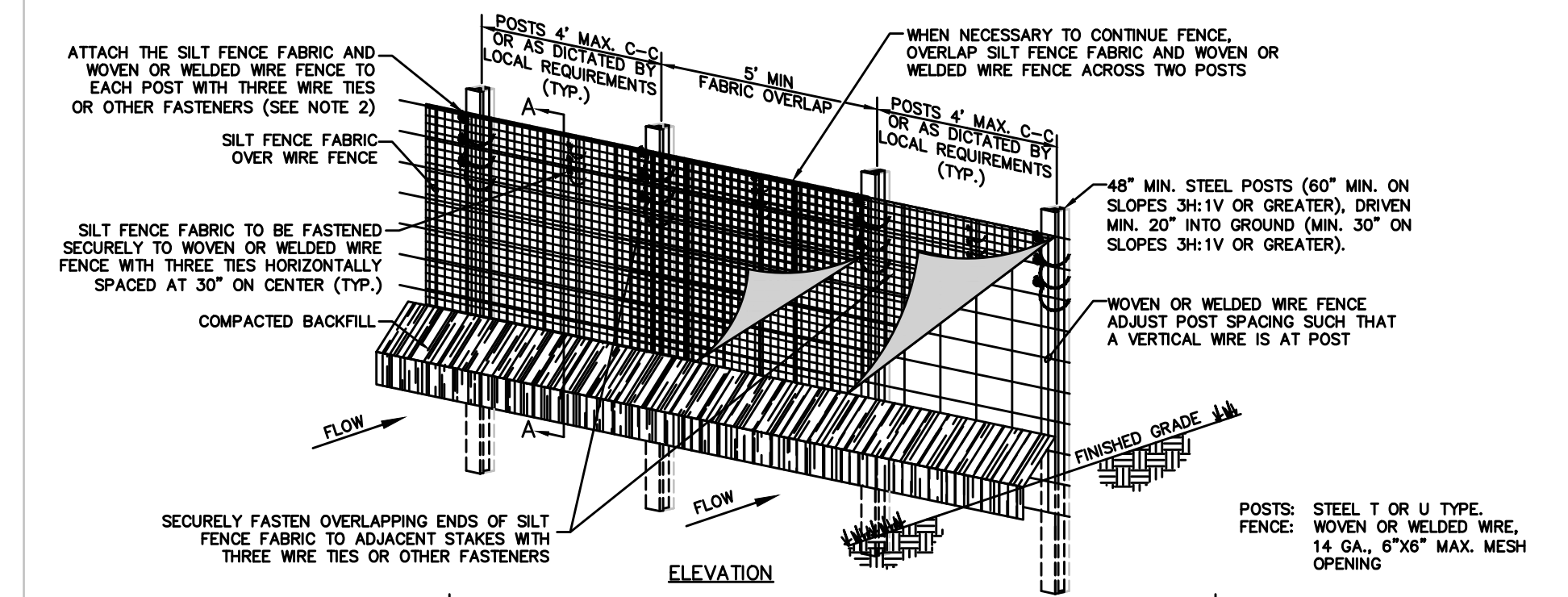


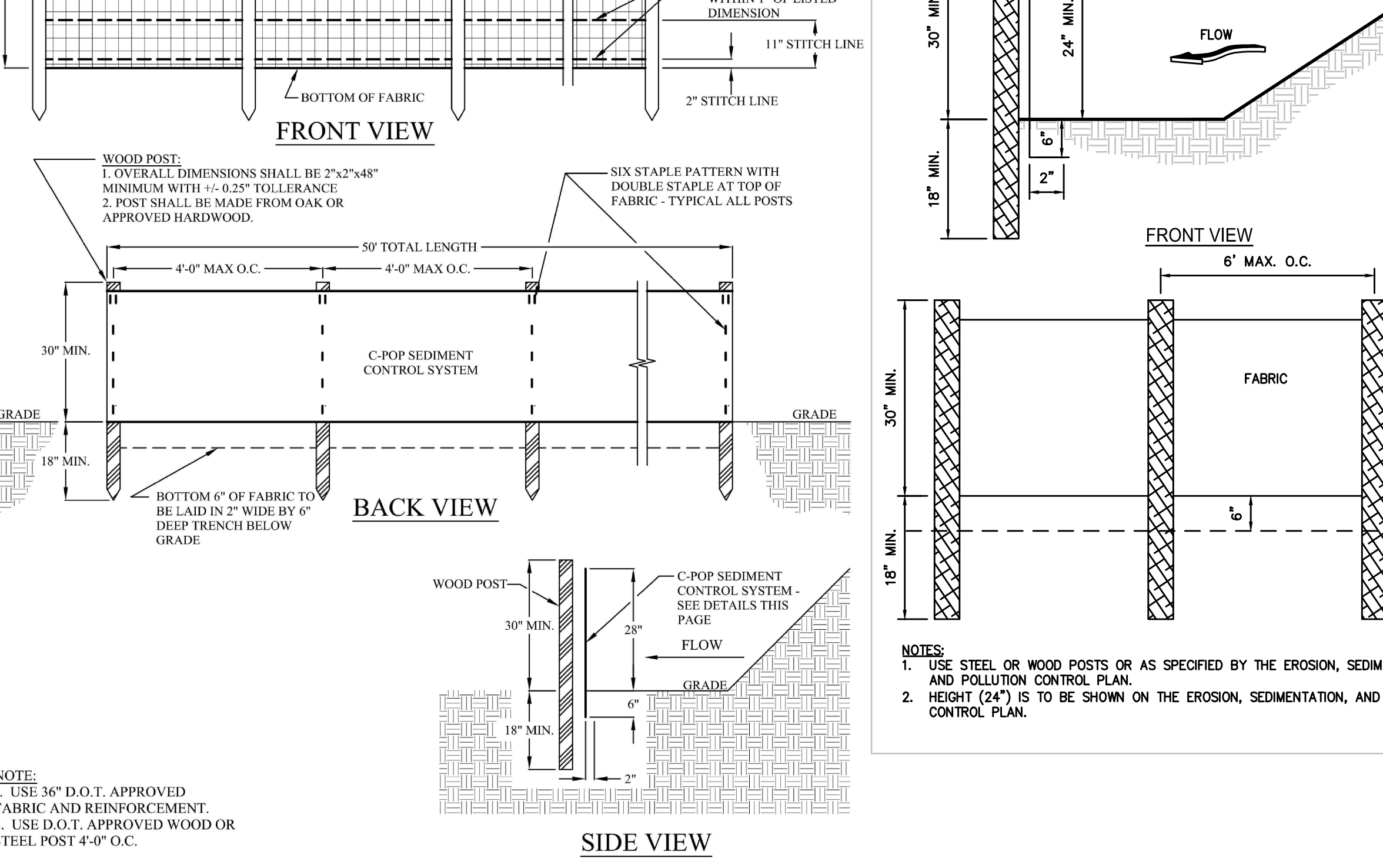
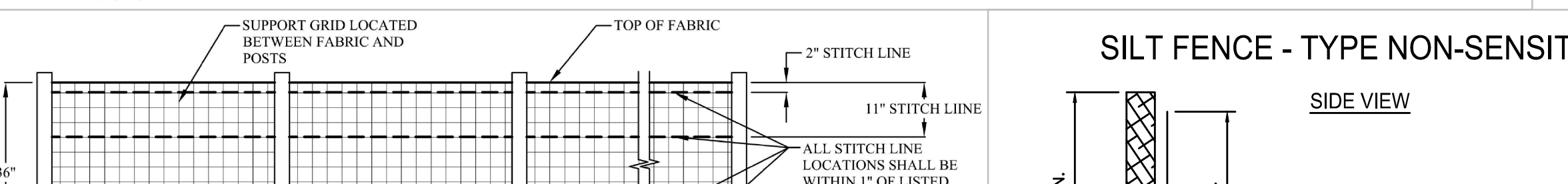
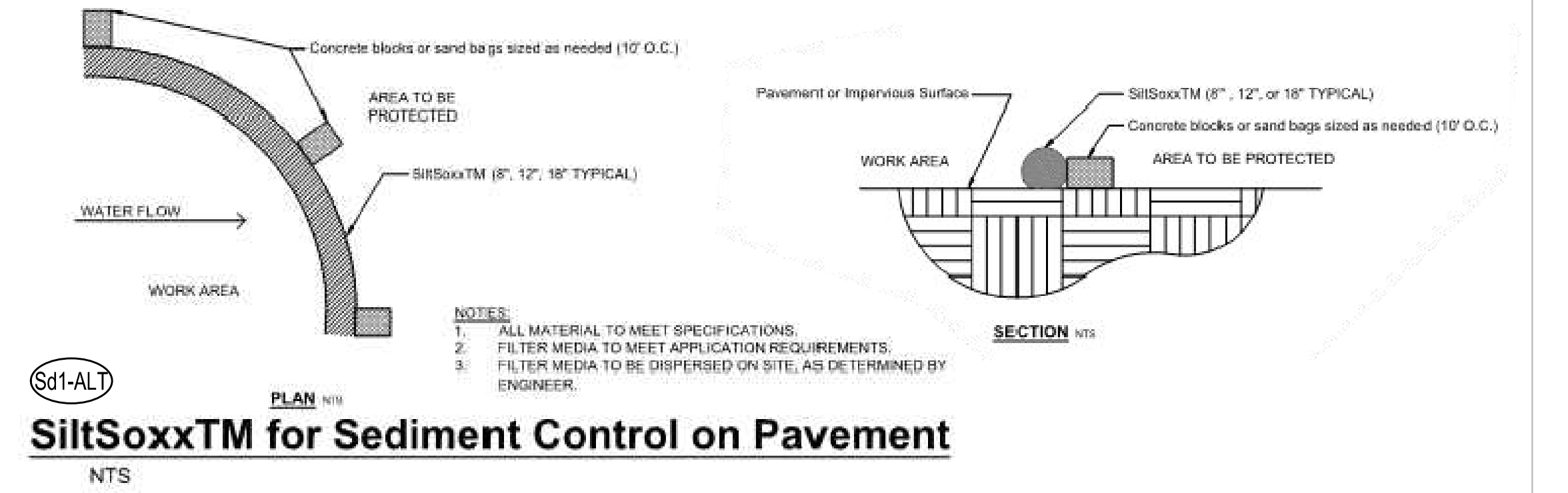
TABLE 1 Temporary Silt Fence Material Property Requirements

Grab Strength	Test Method	Units	Supported ^a Silt Fence	Unsupported ^a Silt Fence	Type of Value
Machine Direction	ASTM D 4632	N (lbs)	400	550	MARV
			(90)	(90)	MARV
Permittivity	ASTM D 4491	sec-1	0.05	0.05	MARV
			0.05	0.05	MARV
Apparent μ	ASTM D 4751	mm (US Sieve #)	0.60	0.60	Max. ARV C
			450	450	Typical
Ultraviolet Stability	ASTM D 4355	% after 500 h of exposure	70% after 500 h of exposure	70% after 500 h of exposure	Typical
			70% after 500 h of exposure	70% after 500 h of exposure	Typical

NOTES:

1. Silt fence support shall consist of 14 gage steel wire with a mesh spacing of 150 mm (6 in.) or prefabricated polymer mesh of equivalent strength.
2. These default values are based on empirical evidence with a variety of sediments. For environmentally sensitive areas, a review of previous experience and/or site or regionally specific geotextile tests in accordance with Test Method D 5141 should be performed by the agency to confirm suitability of these requirements.
3. As measured in accordance with Test Method D 4632.

TABLE 1 TAKEN FROM ASTM D 6401-99 (2007)



NOTES:

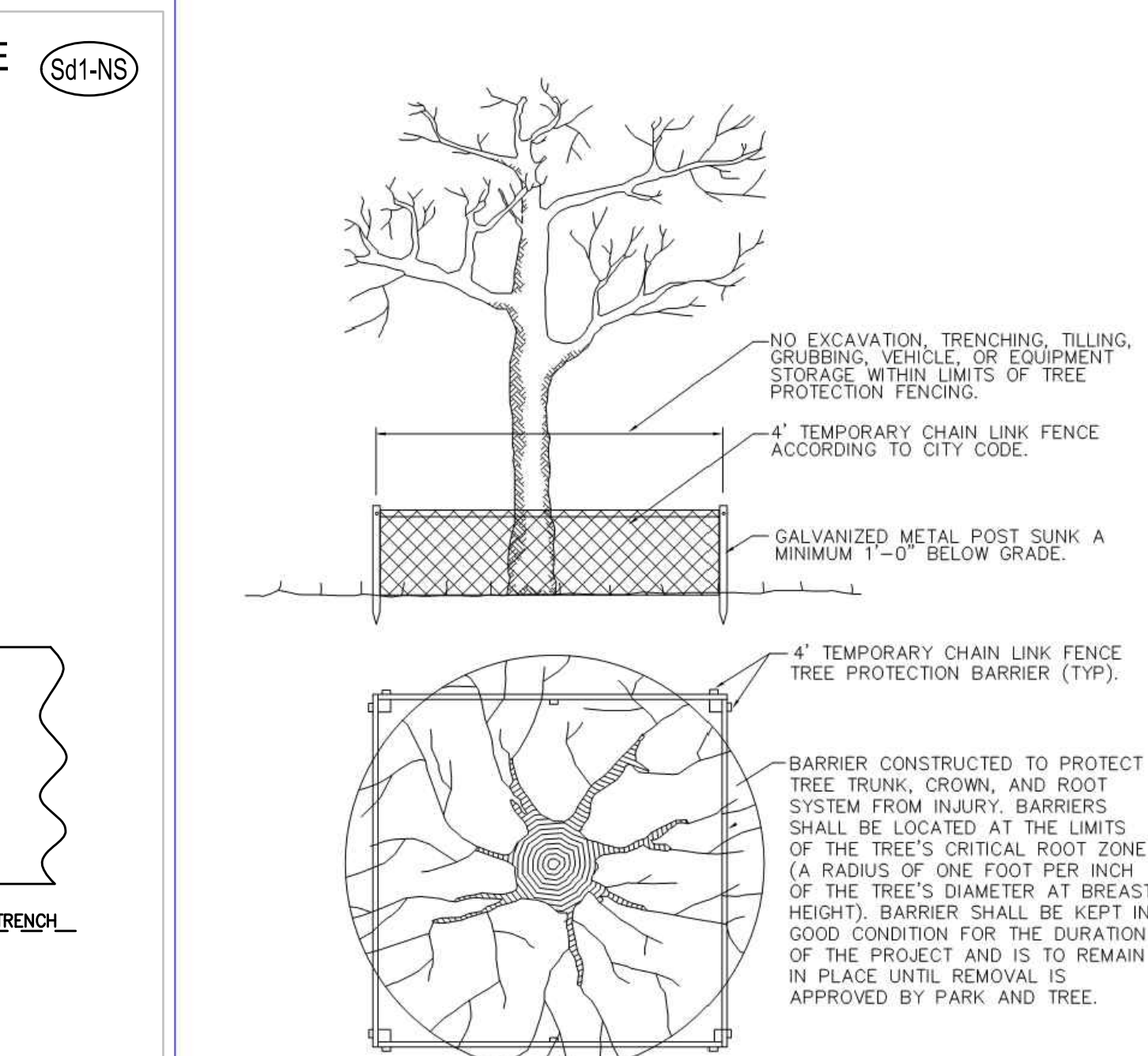
1. ALL MATERIAL TO MEET SPECIFICATIONS.
2. FILTER MEDIA TO MEET APPLICATION REQUIREMENTS.
3. FILTER MEDIA TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

C-Pop Systems, LLC - "The One and Only"
940 Harlow Ave. Griffin, GA 30223

SEDIMENTATION/SILT FENCE WITH WIRE BACKING
N.T.S.

INSIDE CORNER - PLAN VIEW

TABLE 1 Temporary Silt Fence Material Property Requirements



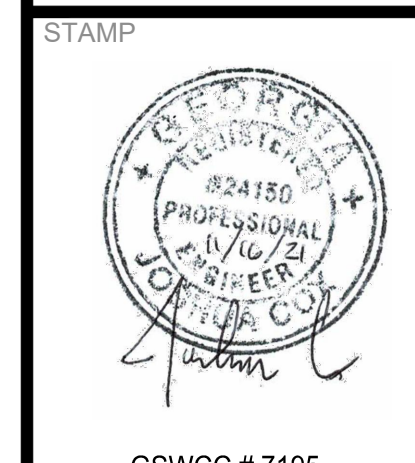
- NOTES:**
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (24") IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.



STANDARD CONSTRUCTION DETAILS
TREE PROTECTION

APPROVED: SIGNATURE ON FILE
SCALE: N.T.S.
DATE: JULY 2007

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM



GSWCC #7195

Parker's Kitchen
SAVANNAH, GA 31405

ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION

REVISION #	ADDRESS	BY
1	REVISION #1, ADDRESS CITY COMMENTS 9/10/21	JWC
2	REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN
SC

CHECKED
JWC

ISSUED DATE
8/16/2021

ISSUED FOR CONSTRUCTION

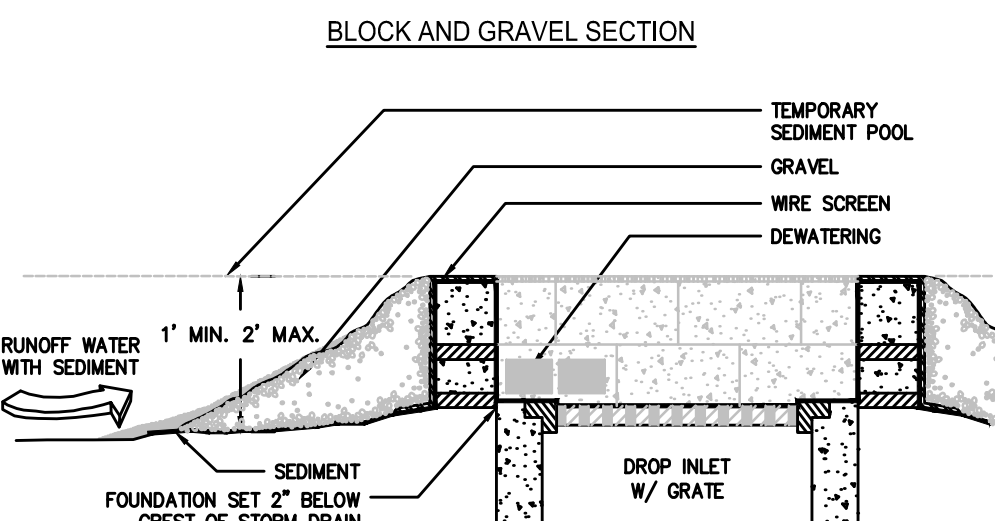
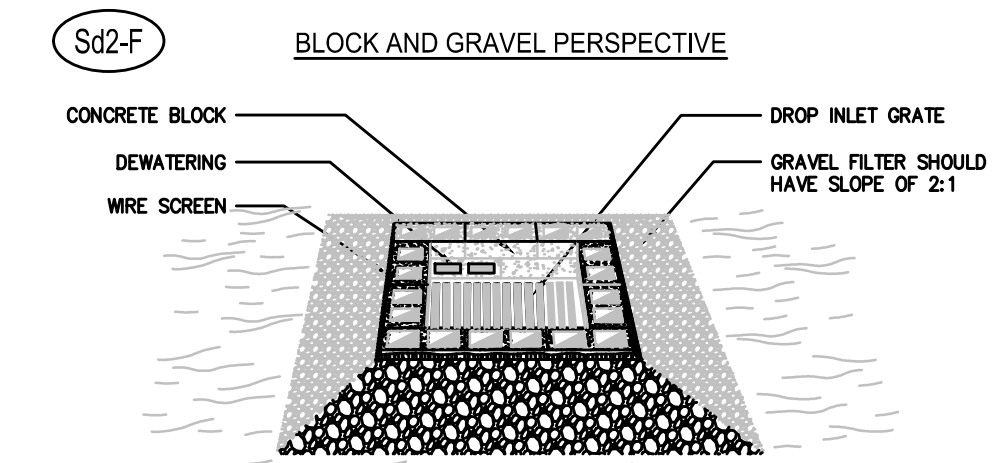
PROJECT NO.
19-180

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19-180_DETAILS

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ES-6

EROSION CONTROL DETAILS

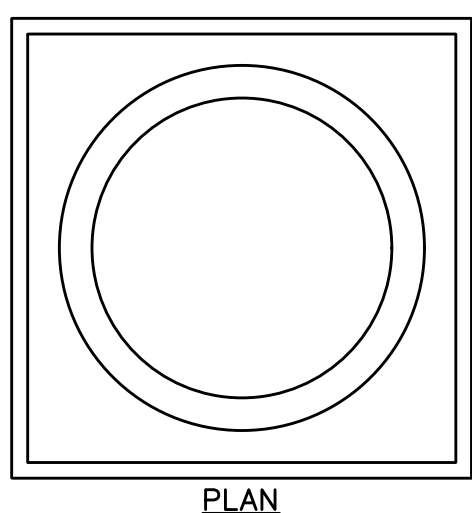
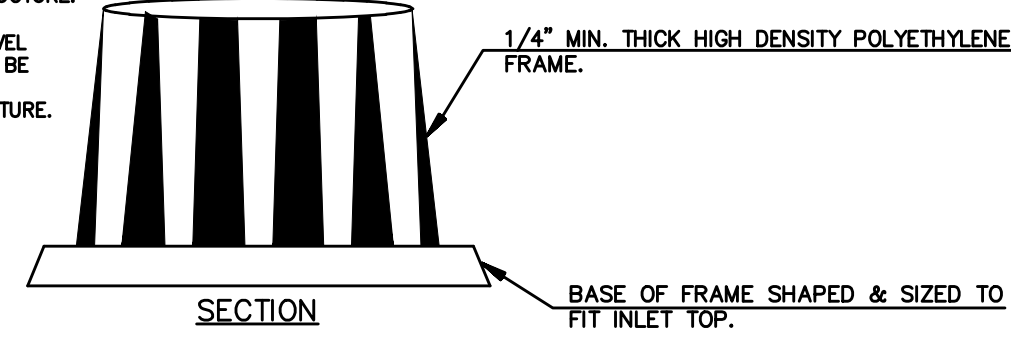
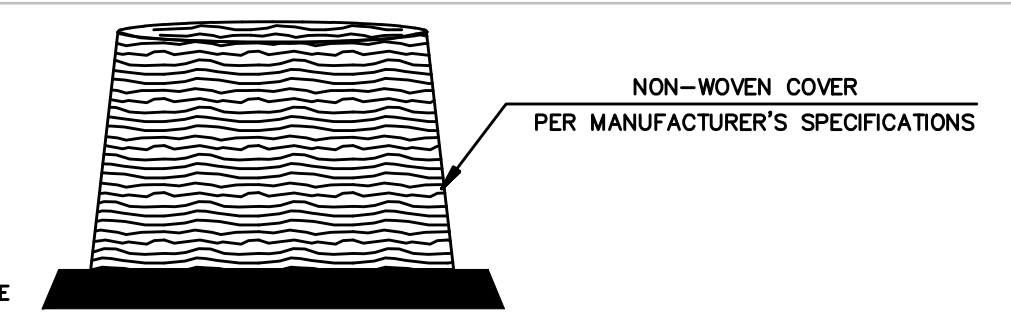
BLOCK AND GRAVEL DROP INLET PROTECTION



- NOTE:**
- HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
 - THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE FIRST ROW OF BLOCKS WILL BE PLACED HERE FOR LATERAL SUPPORT.
 - ONE BLOCK (AS SHOWN) IS TO BE PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE.

TYPICAL CONSTRUCTION SEQUENCE FOR DOME FRAME & COVER

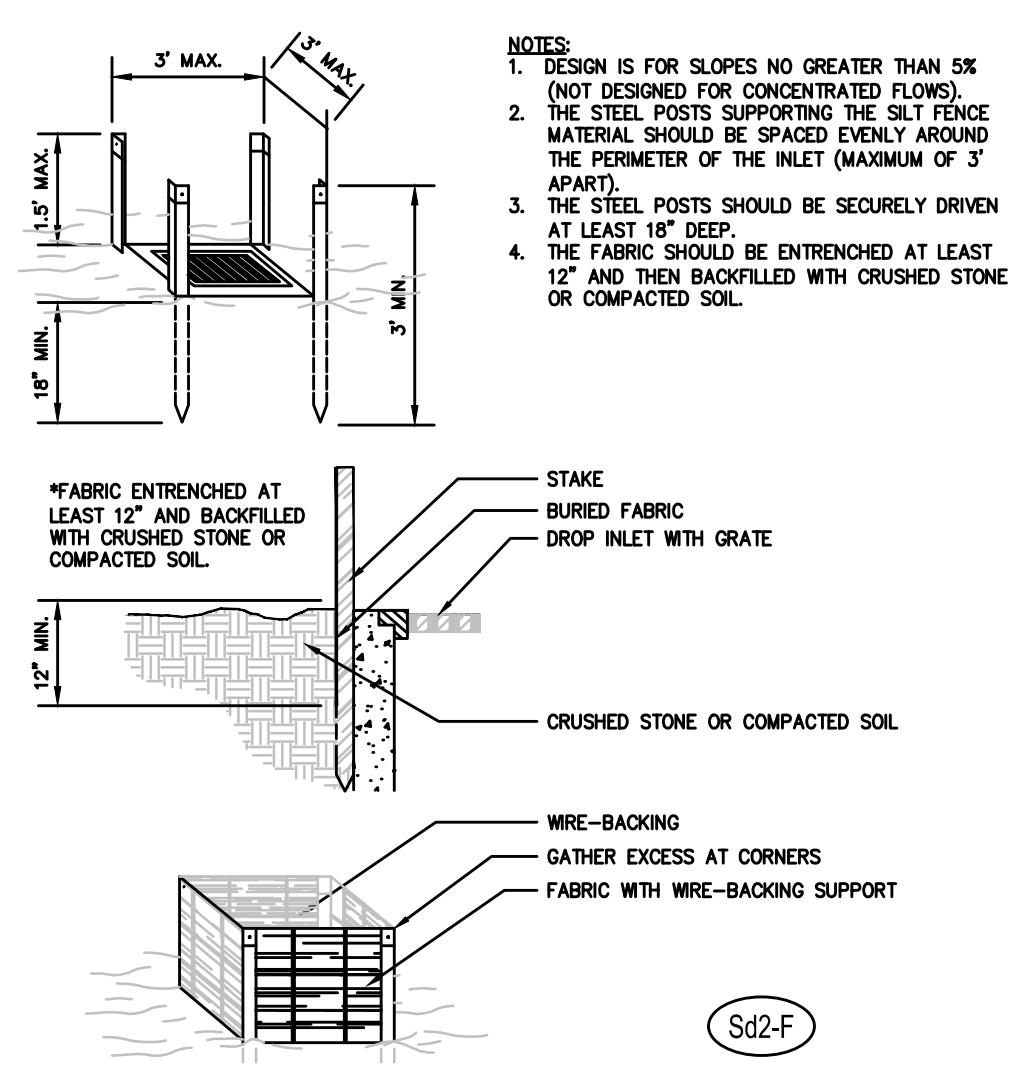
- EXCAVATE APPROXIMATELY 4" TO 6" BELOW THE TOP OF THE INLET STRUCTURE.
- PLACE THE FRAME ONTO THE INLET STRUCTURE, ENSURING PROPER SEATING OF FRAME TO STRUCTURE.
- SLIDE THE COVER OVER THE FRAME.
- FILL THE COVER POCKETS WITH SOIL, #57 GRAVEL OR EQUIVALENT. THE COVER POCKETS SHOULD BE COMPLETELY FILLED TO ENSURE A GOOD SEAL BETWEEN THE GROUND AND INLET STRUCTURE.
- BACK FILL AROUND THE FRAME AND COVER ASSEMBLY IS NOT REQUIRED TO COMPLETE INSTALLATION; HOWEVER, BACKFILLING MAY BE NECESSARY TO COMPLETE EXCAVATION REQUIREMENTS FOR THE SITE.



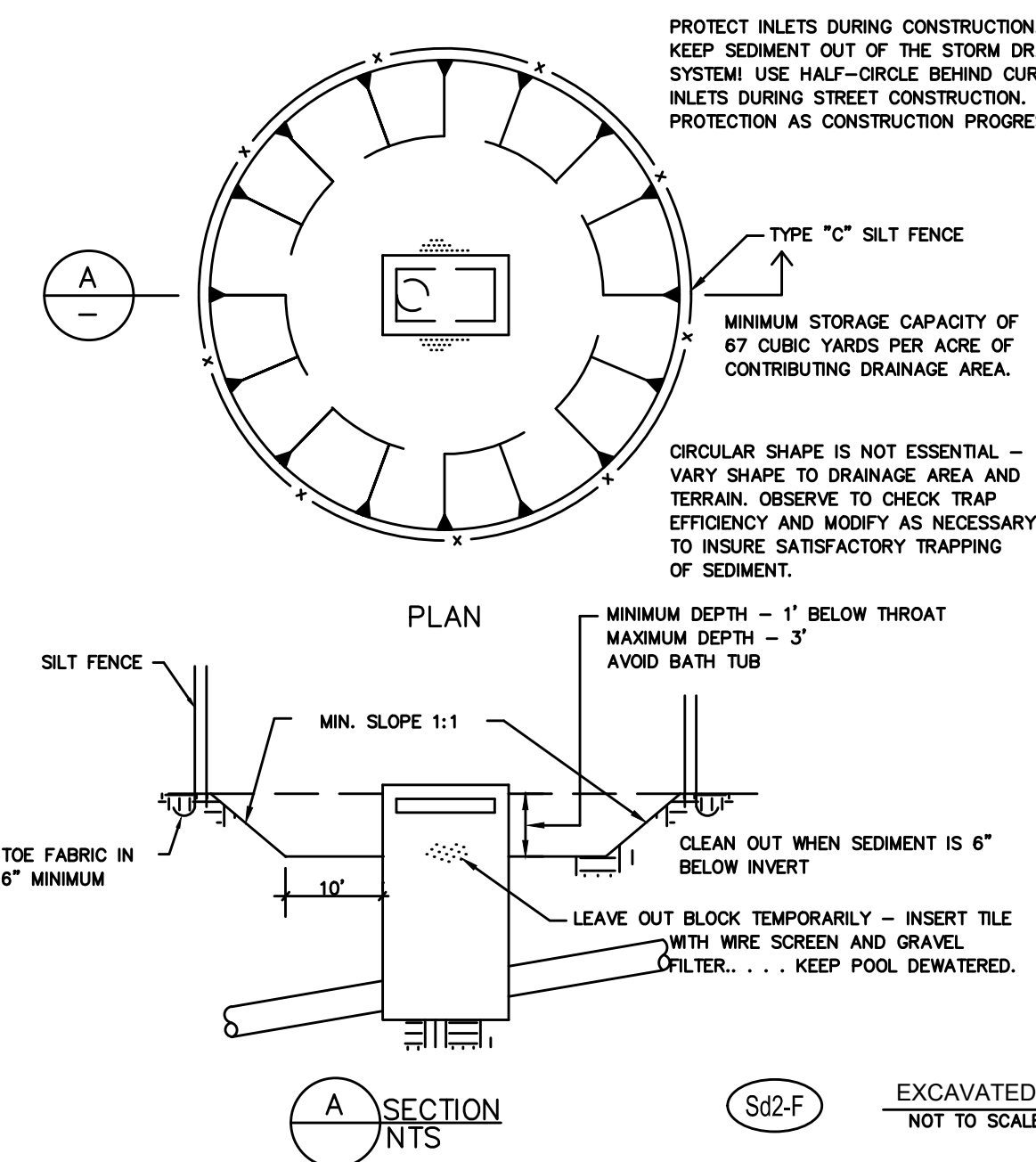
DOMED INLET PROTECTION (PREFABRICATED)

FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

STEEL FRAME AND SILT FENCE INSTALLATION



Sd2-F



PROTECT INLETS DURING CONSTRUCTION. KEEP SEDIMENT OUT OF THE STORM DRAINAGE SYSTEM USE HALF-CIRCLE BEHIND CURB INLETS DURING STREET CONSTRUCTION. MODIFY PROTECTION AS CONSTRUCTION PROGRESSES.

EXCAVATED INLET SEDIMENT TRAP

AN EXCAVATION MAY BE CREATED AROUND THE INLET SEDIMENT TRAP TO PROVIDE ADDITIONAL SEDIMENT STORAGE. THE TRAP SHALL BE SIZED TO PROVIDE A MINIMUM STORAGE CAPACITY AT THE RATE OF 67 CUBIC YARDS PER ACRE OF DRAINAGE AREA. A MINIMUM DEPTH OF 1.5 FEET FOR SEDIMENT STORAGE SHOULD BE PROVIDED. SIDE SLOPES SHALL NOT BE STEEPER THAN 2:1.

MAINTENANCE REQUIREMENTS:

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.

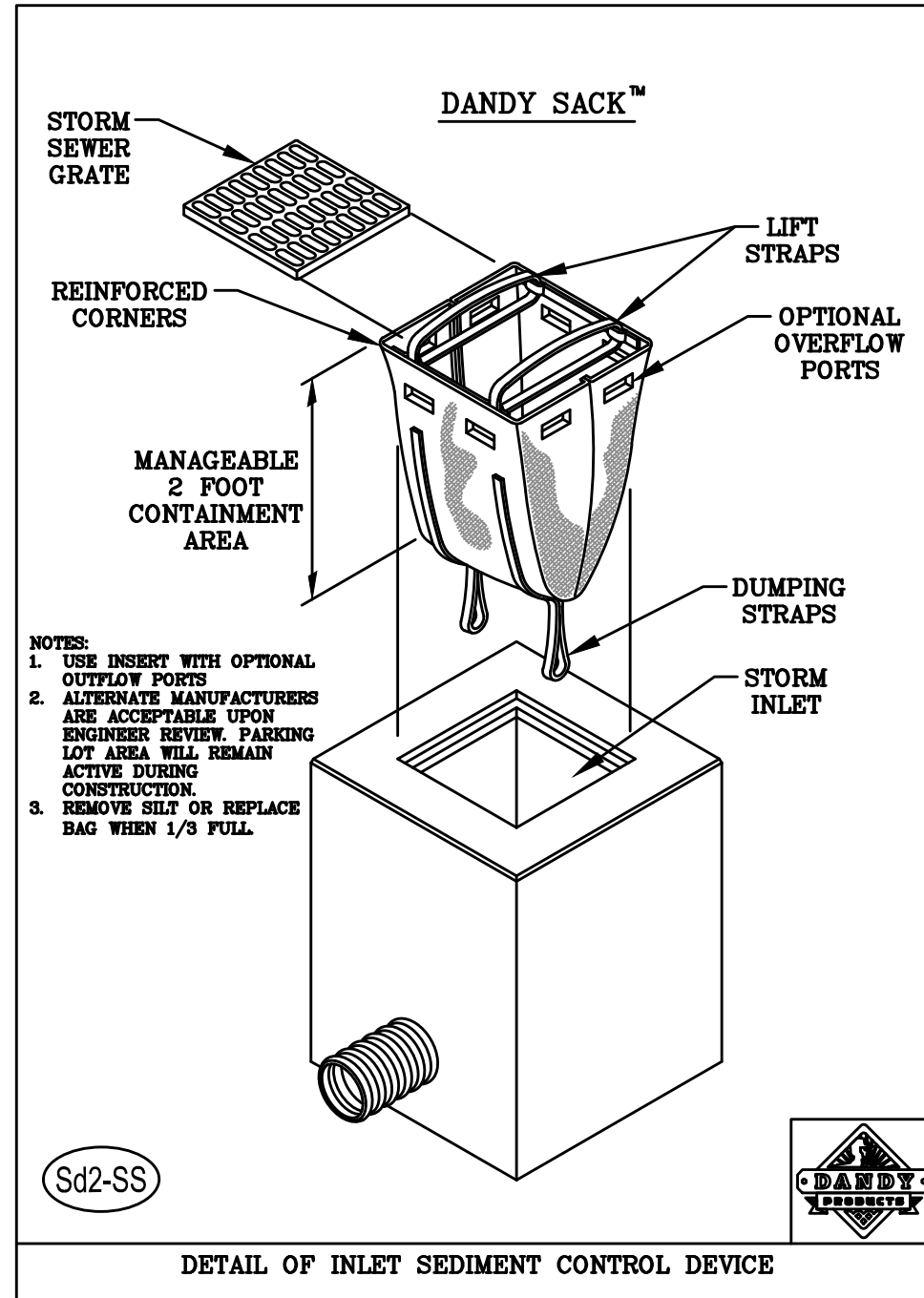
SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. FOR EXCAVATED INLET SEDIMENT TRAPS, SEDIMENT SHALL BE REMOVED WHEN ONE-HALF OF THE SEDIMENT STORAGE CAPACITY HAS BEEN LOST TO SEDIMENT ACCUMULATION. SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN.

WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

NOTE:

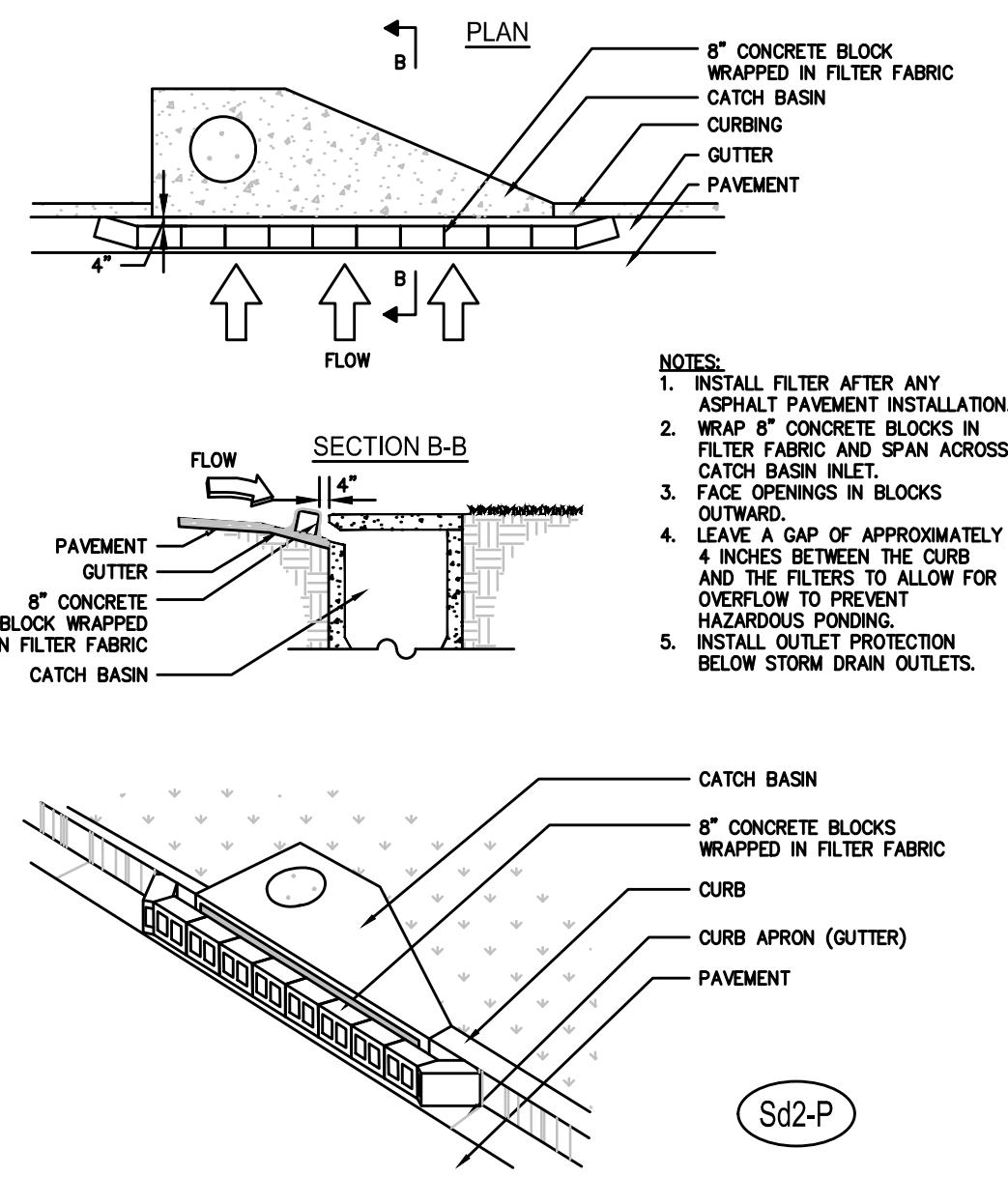
- THE MAXIMUM DRAINAGE AREA ALLOWED TO FLOW TO ANY ONE INLET SEDIMENT TRAP IS 1.0 ACRE.

EXCAVATED INLET SEDIMENT TRAP NOT TO SCALE



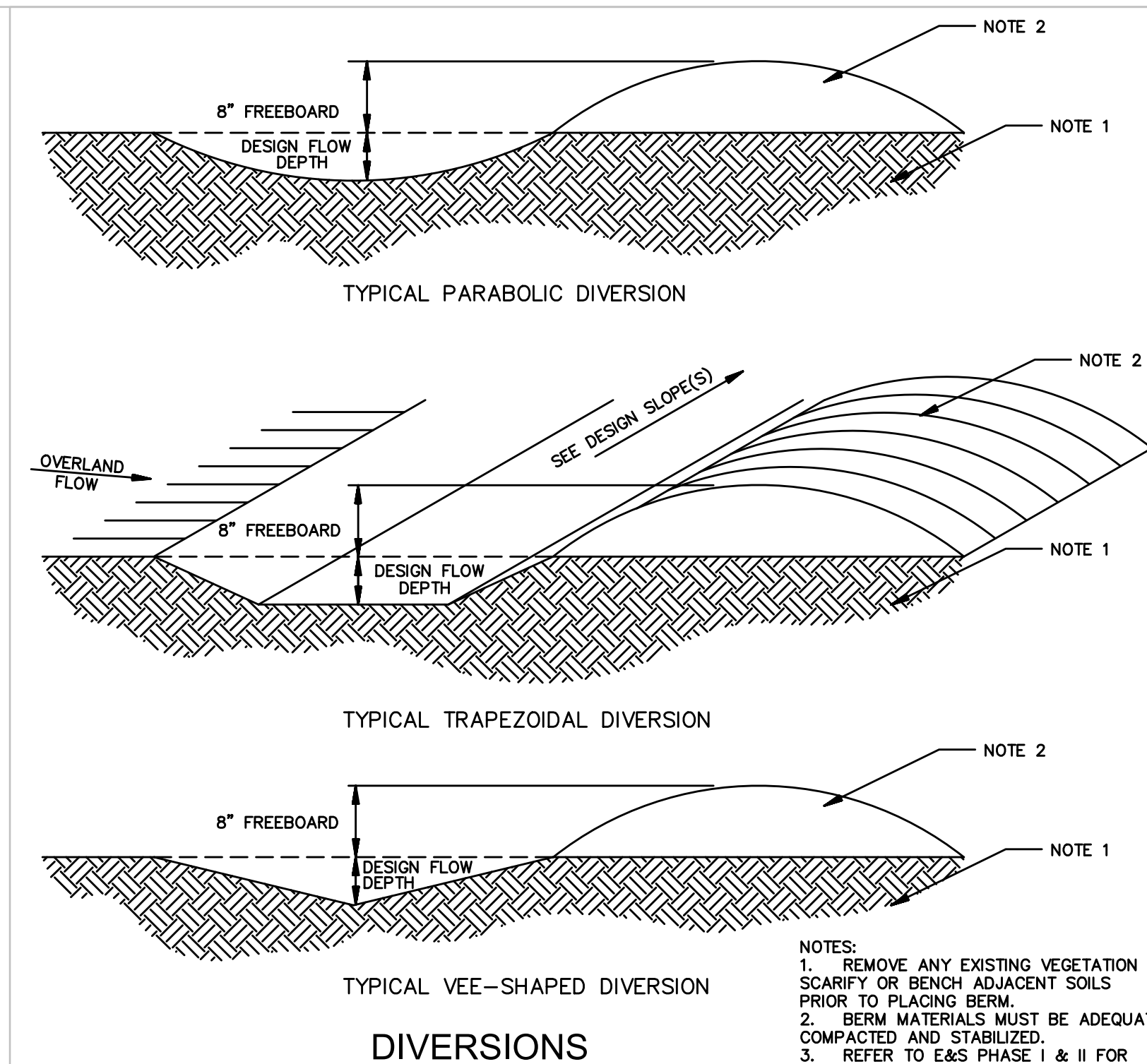
Sd2-SS

CURB INLET FILTER "PIGS IN BLANKET"



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

Sd2-P

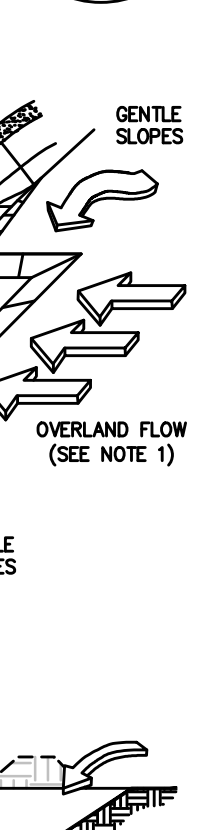


DIVERSIONS

N.T.S.

- NOTES:**
- REMOVE ANY EXISTING VEGETATION AND SCARIFY OR BENCH ADJACENT SOILS PRIOR TO PLACING BERM.
 - BERM MATERIALS MUST BE ADEQUATELY COMPACTED AND STABILIZED.
 - REFER TO E&S PHASE I & II FOR TEMPORARY AND/OR FINAL STABILIZATION MEASURES.
 - BERM SHALL NOT BE CONSTRUCTED OF TOPSOIL.

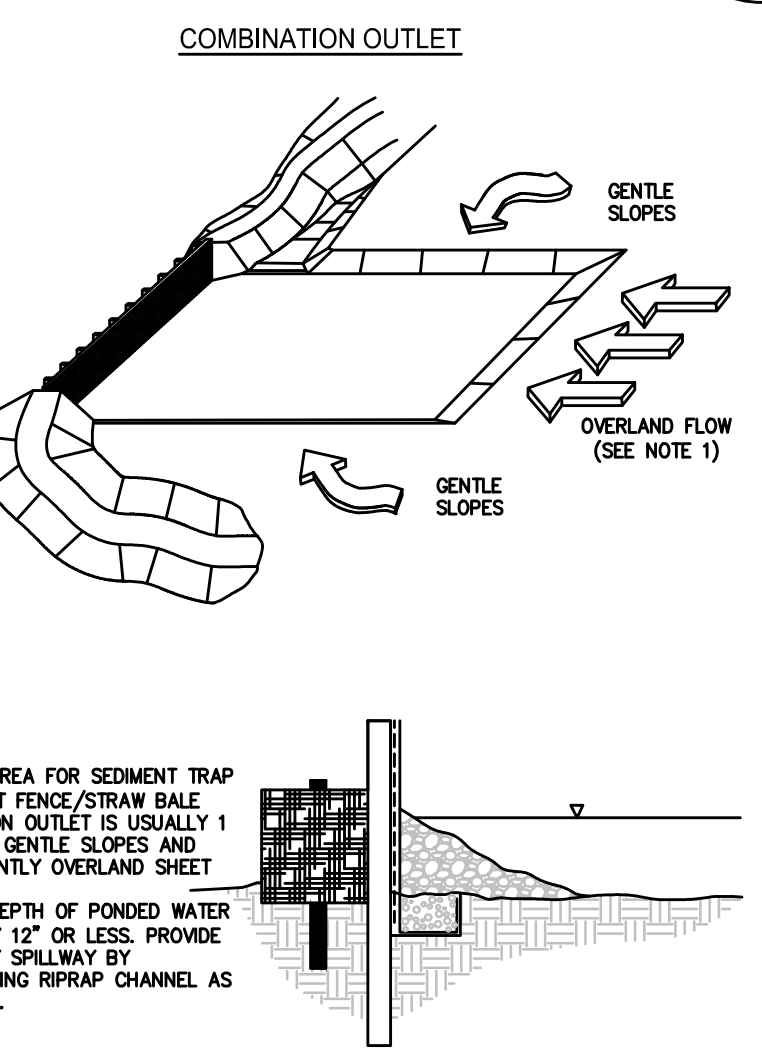
TEMPORARY SEDIMENT TRAP



- NOTES:**
- MAXIMUM AREA FOR OVERFLOW SEDIMENT TRAP IS USUALLY 1 ACRE. MUST HAVE GENTLE SLOPES (LESS THAN 2% GRADUALLY) AND PREDOMINANTLY OVERLAND SHEET FLOW.
 - MAXIMUM PERMANENT WET DEPTH IS 2 FEET. OVERFLOW SEDIMENT TRAPS MAY NOT BE EFFECTIVE FOR HIGH GROUNDWATER TABLE AND INFLOWS.
 - USE THE MOST PERMEABLE SEDIMENT CONTROL IN LABELED AREA SO AS TO MAXIMIZE TRAVEL TIME AND SETTLING OF SEDIMENT.

Sd4-A

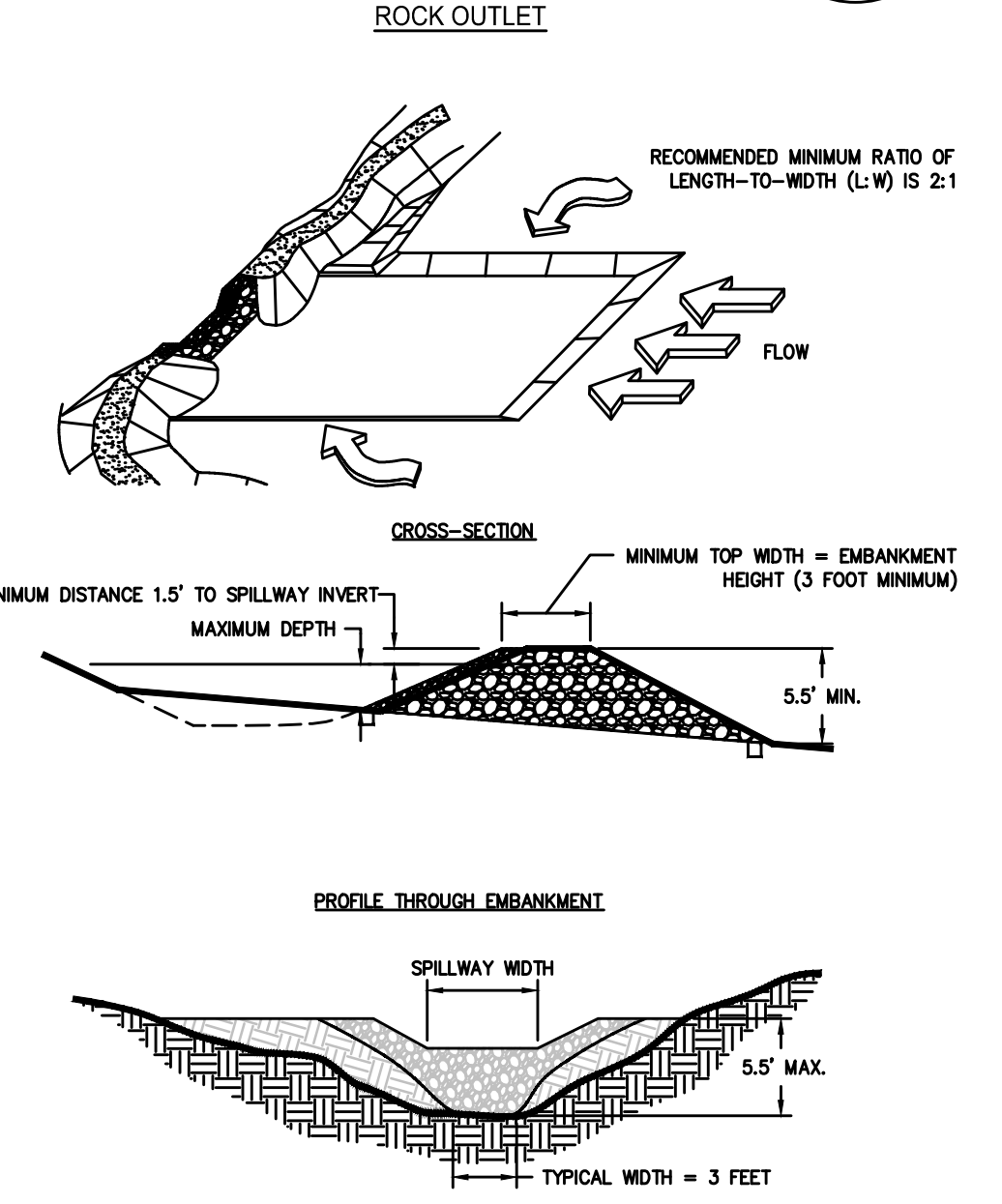
TEMPORARY SEDIMENT TRAP



- NOTES:**
- MAXIMUM AREA FOR SEDIMENT TRAP WITH A SILT FENCE/STRAW BALE COMBINATION OUTLET IS USUALLY 1 ACRE WITH GENTLE SLOPES AND PREDOMINANTLY OVERLAND SHEET FLOW.
 - MAXIMUM DEPTH OF PONDED WATER IS USUALLY 12" OR LESS. PROVIDE EMERGENCY SPILLWAY BY CONSTRUCTING RIPRAP CHANNEL AS NECESSARY.

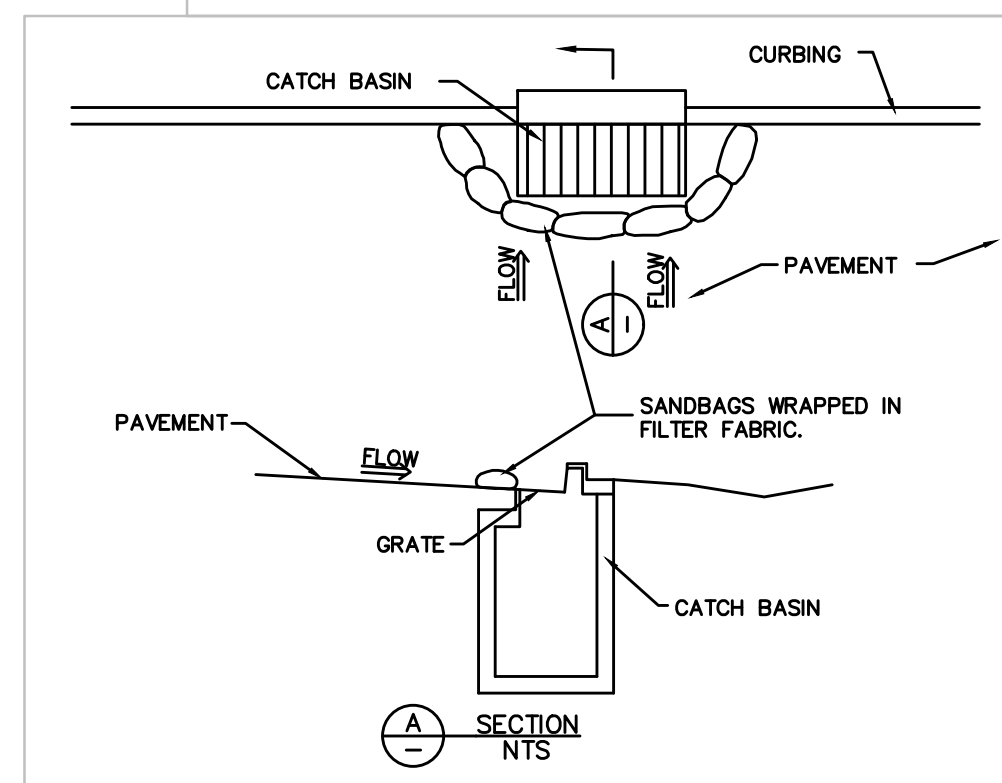
Sd4-B

TEMPORARY SEDIMENT TRAP



- RECOMMENDED MINIMUM RATIO OF LENGTH-TO-WIDTH (L:W) IS 2:1**
- CROSS-SECTION**
- MINIMUM TOP WIDTH = EMBANKMENT HEIGHT (3 FOOT MINIMUM)
- MINIMUM DISTANCE 1.5' TO SPILLWAY INVERT
- MAXIMUM DEPTH
- 5.5' MIN.
- PROFILE THROUGH EMBANKMENT**
- SPILLWAY WIDTH
- 5.5' MAX.
- TYPICAL WIDTH = 3 FEET

Sd4-C



CURB INLET PROTECTION:

ONCE PAVEMENT HAS BEEN INSTALLED, A CURB INLET FILTER SHALL BE INSTALLED ON INLETS RECEIVING RUNOFF FROM DISTURBED AREAS. THIS METHOD OF INLET PROTECTION SHALL BE REMOVED IF A SAFETY HAZARD IS CREATED.

ONE METHOD OF CURB INLET PROTECTION USES "PIGS-IN-A-BLANKET" - 8-INCH CONCRETE BLOCKS WRAPPED IN FILTER FABRIC. ANOTHER METHOD USES SAND OR GRAVEL BAGS CONSTRUCTED BY WRAPPING DOT #57 STONE WITH FILTER FABRIC, WIRE, PLASTIC MESH, OR EQUIVALENT MATERIAL.

A GAP OF APPROXIMATELY 4 INCHES SHALL BE LEFT BETWEEN THE INLET FILTER AND THE INLET TO ALLOW FOR OVERFLOW AND PREVENT HAZARDOUS PONDING IN THE ROADWAY. PROPER INSTALLATION AND MAINTENANCE ARE CRUCIAL, DUE TO POSSIBLE PONDING IN THE ROADWAY, RESULTING IN A HAZARDOUS CONDITION.

MAINTENANCE REQUIREMENTS:

THE TRAP SHALL BE INSPECTED DAILY AND AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.

SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE HEIGHT OF THE TRAP. SEDIMENT SHALL BE REMOVED FROM CURB INLET PROTECTION IMMEDIATELY.

SEDIMENT SHALL NOT BE WASHED INTO THE INLET. IT SHALL BE REMOVED FROM THE SEDIMENT TRAP AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLET, AGAIN.

WHEN CONTRIBUTING DRAINAGE AREA HAS BEEN PERMANENTLY STABILIZED, ALL MATERIALS AND ANY SEDIMENT SHALL BE REMOVED, AND EITHER SALVAGED OR DISPOSED OF PROPERLY. THE DISTURBED AREA SHALL BE BROUGHT TO PROPER GRADE, THEN SMOOTHED AND COMPACTED. APPROPRIATELY STABILIZE ALL DISTURBED AREAS AROUND THE INLET.

NOTE:

- THE MAXIMUM DRAINAGE AREA ALLOWED TO FLOW TO ANY ONE INLET SEDIMENT TRAP IS 1.0 ACRE.

- NOTE:**
- INSTALL FILTER AFTER ANY ASPHALT PAVEMENT INSTALLATION.
 - ADJUST THE NUMBER OF SANDBAGS LAID ON THEIR SIDE TO CONTROL FLOW THROUGH RATE.

CURB INLET PROTECTION, SAND OR ROCK BAGS NOT TO SCALE

EROSION CONTROL DETAILS

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM

BDG
Buckel Design Group, LLC.

STAMP

GSWCC #7195

PROPOSED:

Parker's Kitchen
SAVANNAH, GA 31405

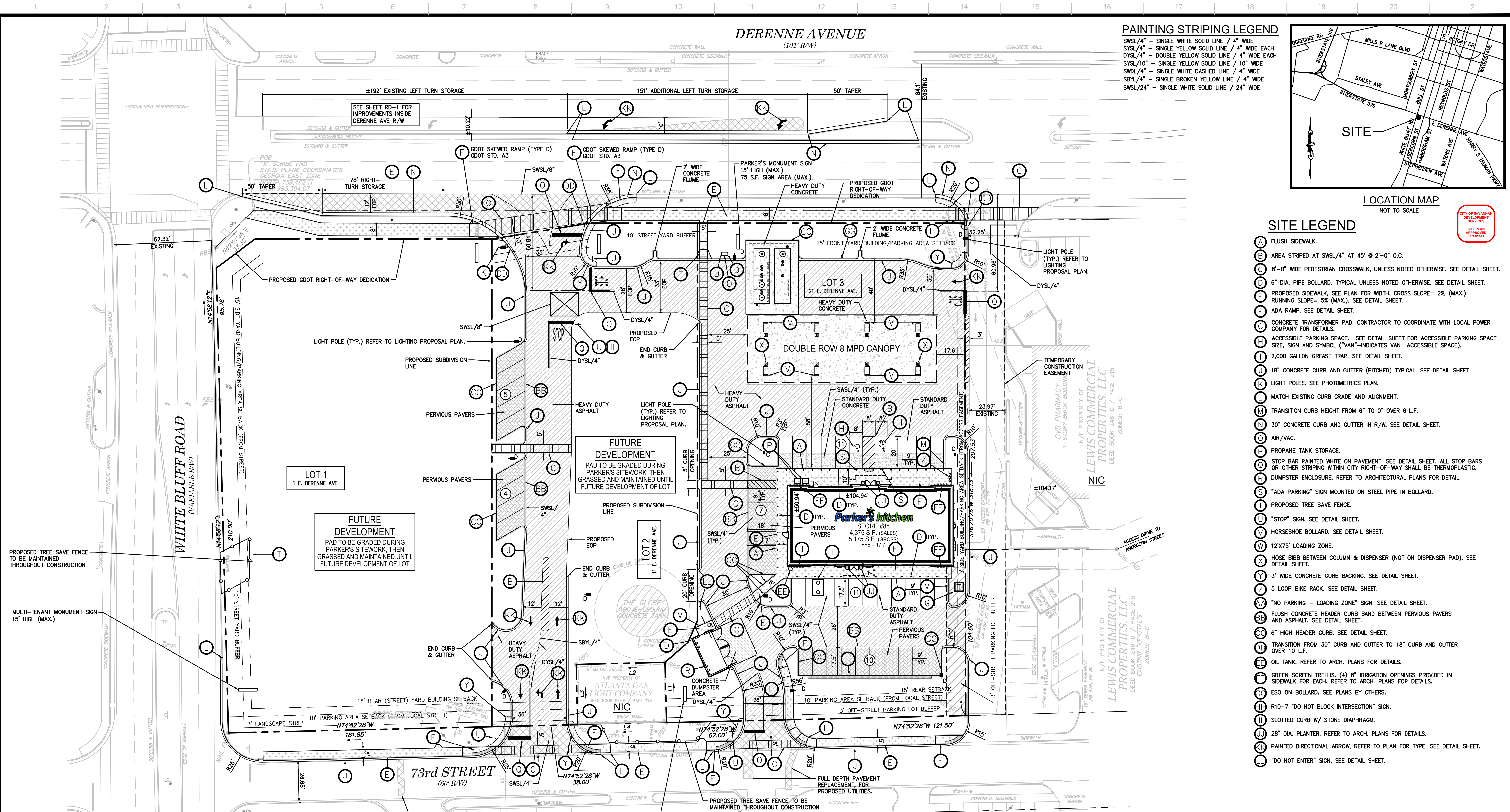
FOR:

ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

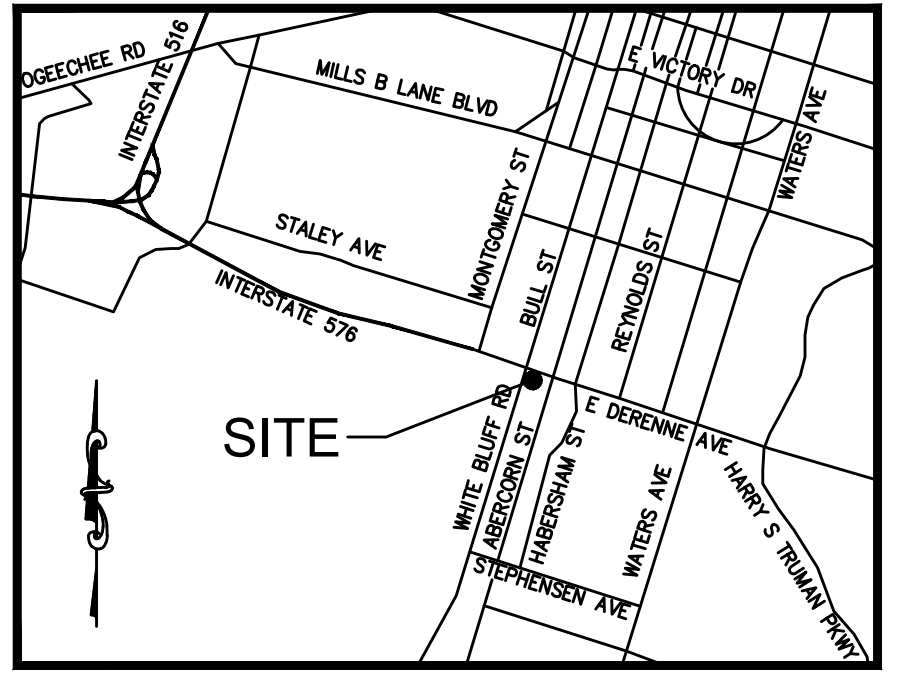
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CHECKED	JWC
ISSUED DATE	8/16/2021
ISSUED FOR	CONSTRUCTION
PROJECT NO.	19-180
FILE	

SHEET
ES-7



PAINTING STRIPING LEGEND

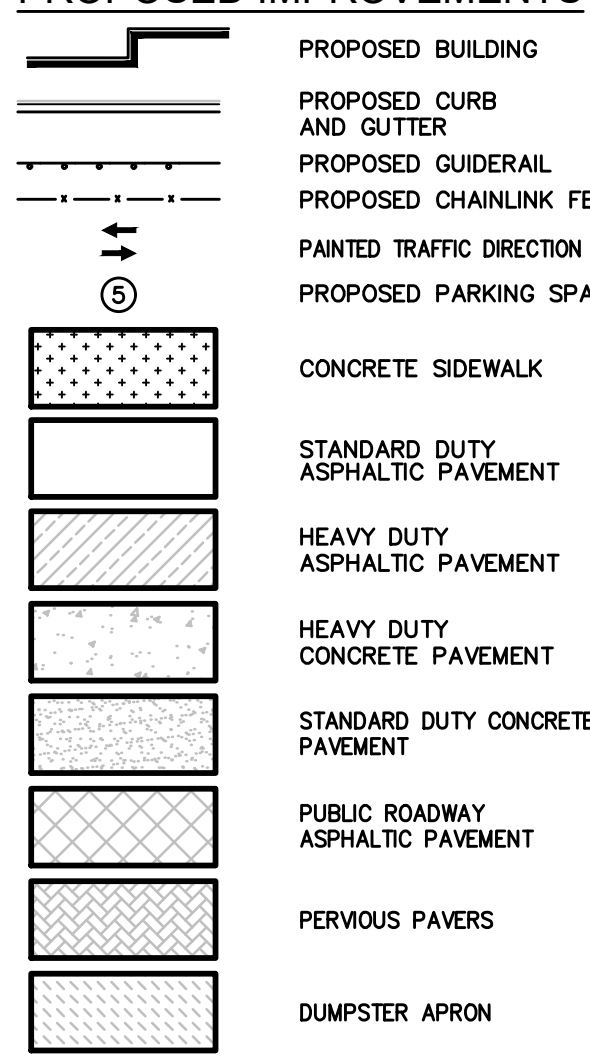
- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
- SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE EACH
- DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
- SYSL/10" - SINGLE YELLOW SOLID LINE / 10" WIDE
- SWDL/4" - SINGLE WHITE DASHED LINE / 4" WIDE
- SBYL/4" - SINGLE BROKEN YELLOW LINE / 4" WIDE
- SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE



SITE LEGEND

- (A) FLUSH SIDEWALK.
- (B) AREA STRIPED AT SWSL/4" AT 45° @ 2'-0" O.C.
- (C) 8'-0" WIDE PEDESTRIAN CROSSWALK, UNLESS NOTED OTHERWISE. SEE DETAIL SHEET.
- (D) 6" DIA. PIPE BOLLARD, TYPICAL UNLESS NOTED OTHERWISE. SEE DETAIL SHEET.
- (E) PROPOSED SIDEWALK, SEE PLAN FOR WIDTH, CROSS SLOPE= 2% (MAX.) RUNNING SLOPE= 5% (MAX.). SEE DETAIL SHEET.
- (F) ADA RAMP. SEE DETAIL SHEET.
- (G) CONCRETE TRANSFORMER PAD. CONTRACTOR TO COORDINATE WITH LOCAL POWER COMPANY FOR DETAILS.
- (H) ACCESSIBLE PARKING SPACE. SEE DETAIL SHEET FOR ACCESSIBLE PARKING SPACE SIZE, SIGN AND SYMBOL ("VAN"-INDICATES VAN ACCESSIBLE SPACE).
- (I) 2,000 GALLON GREASE TRAP. SEE DETAIL SHEET.
- (J) 18" CONCRETE CURB AND GUTTER (PITCHED) TYPICAL. SEE DETAIL SHEET.
- (K) LIGHT POLES. SEE PHOTOMETRICS PLAN.
- (L) MATCH EXISTING CURB GRADE AND ALIGNMENT.
- (M) TRANSITION CURB HEIGHT FROM 6" TO 0" OVER 6 LF.
- (N) 30" CONCRETE CURB AND GUTTER IN R/W. SEE DETAIL SHEET.
- (O) AIR/VAC.
- (P) PROPANE TANK STORAGE.
- (Q) STOP BAR PAINTED WHITE ON PAVEMENT. SEE DETAIL SHEET. ALL STOP BARS OR OTHER STRIPING WITHIN CITY RIGHT-OF-WAY SHALL BE THERMOPLASTIC.
- (R) DUMPSTER ENCLOSURE. REFER TO ARCHITECTURAL PLANS FOR DETAIL.
- (S) "ADA PARKING" SIGN MOUNTED ON STEEL PIPE IN BOLLARD.
- (T) PROPOSED TREE SAVE FENCE.
- (U) "STOP" SIGN. SEE DETAIL SHEET.
- (V) HORSESHOE BOLLARD. SEE DETAIL SHEET.
- (W) 12'X75' LOADING ZONE.
- (X) HOSE BIBB BETWEEN COLUMN & DISPENSER (NOT ON DISPENSER PAD). SEE DETAIL SHEET.
- (Y) 3" WIDE CONCRETE CURB BACKING. SEE DETAIL SHEET.
- (Z) 5 LOOP BIKE RACK. SEE DETAIL SHEET.
- (AA) "NO PARKING - LOADING ZONE" SIGN. SEE DETAIL SHEET.
- (AB) FLUSH CONCRETE HEADER CURB BAND BETWEEN PERVIOUS PAVERS AND ASPHALT. SEE DETAIL SHEET.
- (AC) 6" HIGH HEADER CURB. SEE DETAIL SHEET.
- (AD) TRANSITION FROM 30" CURB AND GUTTER TO 18" CURB AND GUTTER OVER 10 LF.
- (AE) OIL TANK. REFER TO ARCH. PLANS FOR DETAILS.
- (AF) GREEN SCREEN TRELLIS. (4) 8" IRRIGATION OPENINGS PROVIDED IN SIDEWALK FOR EACH. REFER TO ARCH. PLANS FOR DETAILS.
- (AG) CONCRETE BOLLARD. SEE PLANS BY OTHERS.
- (AH) R10-7 "DO NOT BLOCK INTERSECTION" SIGN.
- (AI) SLOTTED CURB W/ STONE DIAPHRAGM.
- (AJ) 28" DIA. PLANTER. REFER TO ARCH. PLANS FOR DETAILS.
- (AK) PAINTED DIRECTIONAL ARROW. REFER TO PLAN FOR TYPE. SEE DETAIL SHEET.
- (AL) "DO NOT ENTER" SIGN. SEE DETAIL SHEET.

LEGEND FOR PROPOSED IMPROVEMENTS



SITE PLAN NOTES

- ALL WORK AND MATERIALS SHALL COMPLY WITH ALL CITY/COUNTY REGULATIONS AND CODES AND O.S.H.A. STANDARDS.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR EXACT LOCATIONS AND DIMENSIONS OF VESTIBULES, SLOPE PAVING, SIDEWALKS, EXIT PORCHES, TRUCK DOCKS, PRECISE BUILDING DIMENSIONS AND EXACT BUILDING UTILITY ENTRANCE LOCATIONS.
- ALL DISTURBED AREAS ARE TO RECEIVE FOUR INCHES OF TOPSOIL, SEED, MULCH AND WATER UNTIL A HEALTHY STAND OF GRASS OR VEGETATION IS ESTABLISHED. ALL CURBED RADII ARE TO BE 10' UNLESS OTHERWISE NOTED. STRIPED RADII ARE TO BE 5'.
- ALL DIMENSIONS AND RADII ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, (UNLESS OTHERWISE NOTED ON PLANS) INCLUDING BUT NOT LIMITED TO, ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND SHALL BE APPROVED BY SUCH. ALL COST SHALL BE INCLUDED IN BASE BID.
- SITE BOUNDARY, TOPOGRAPHY, UTILITY AND ROAD INFORMATION TAKEN FROM A SURVEY BY GEO SURVEY, DATED 4/2/20.
- TOTAL LAND AREA IS 3.423± ACRES.
- PLYON SIGNS SHALL BE CONSTRUCTED BY OTHERS.
- REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
- ALL GENERAL CONTRACTOR WORK TO BE COMPLETED (EARTHWORK, FINAL UTILITIES, AND FINAL GRADING) BY THE MILESTONE DATE IN PROJECT DOCUMENTS. LOTS 1 AND 2 AREA TO BE KEPT FREE OF JOB TRAILERS AND STORAGE AFTER THE CONTRACT MILESTONE DATE FOR THE LOTS. GENERAL CONTRACTOR TO PROVIDE CLEAR ACCESS FOR LOT 1 AND 2 CONTRACTOR TO THE SPECIFIC PARCEL AT ALL TIMES AFTER MILESTONE DATE. DEVELOPER OF LOTS 1 AND 2 TO PROVIDE PERMIT DOCUMENTS AND SWPPP REQUIRED BY STATE/LOCAL REQUIREMENTS FOR SPECIFIC LOT.
- THIS PROPERTY IS NOT LOCATED IN A 100 YEAR FLOOD HAZARD AREA BASED ON THE FLOOD INSURANCE RATE MAP FOR THIS AREA. THE MAP NUMBER FOR THIS AREA IS 1305101636, AND THE DATE OF SAID MAP IS 8/16/18. THIS DETERMINATION WAS MADE BY GRAPHICALLY DETERMINING THE POSITION OF THIS SITE ON SAID FIRM MAPS UNLESS OTHERWISE NOTED.
- THE CURRENT ZONING OF ALL PROPERTY SHOWN FOR DEVELOPMENT IS "B-C". ADJACENT PROPERTY ZONED AS SHOWN.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATIONS, INCLUDING BUT NOT LIMITED TO ALL UTILITIES, STORM DRAINAGE, SIGNS, TRAFFIC SIGNALS & POLES, ETC. AS REQUIRED FOR WIDENING OF ALL ROADWAYS. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES REQUIREMENTS AND SHALL BE APPROVED BY SUCH.
- CONTRACTOR SHALL REFER TO ARCHITECT'S PLANS & SPECIFICATIONS FOR ENTRY LOCATION OF ALL WATER, SEWER SERVICE, ELECTRICAL, TELEPHONE & GAS SERVICE. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS & ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH THE REGULATORY AGENCY AS TO THE LOCATION & DEPTHS/CONNECTIONS TO THEIR FACILITIES. ALL DIMENSIONS SHOWN TO BUILDING ARE TO OUTSIDE FACE OF BUILDING.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL AREAS INDICATED TO REMAIN UNDISTURBED OR TO REMAIN AS BUTTERS. ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRS OR DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURB, ETC.. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- ALL STRIPING SHALL COMPLY WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES LATEST EDITION.
- UNDERGROUND STORAGE TANK INSTALLATIONS SHALL BE PERMITTED WITH THE CITY OF SAVANNAH FIRE MARSHAL'S OFFICE IN ADDITION TO ANY STATE FIRE MARSHAL PERMITS.
- CITY OF SAVANNAH SPECIFICATIONS MUST BE FOLLOWED.
- A RIGHT OF WAY PERMIT SHALL BE OBTAINED PRIOR TO PERFORMING CONSTRUCTION ACTIVITY IN THE CITY'S R.O.W.
- ALL STRIPING WITHIN CITY OR STATE RIGHT-OF-WAY SHALL BE THERMOPLASTIC.
- ALL SOLS WITHIN LANDSCAPING, MULCHED, GRASSED, OR OTHERWISE PERVIOUS AREAS SHALL BE RESTORED THROUGH "SOIL RESTORATION" MEASURES. SEE NOTES ON CONSTRUCTION DETAIL SHEETS.

IMPERVIOUS REDUCTION SUMMARY

LOT 1 = 100% REDUCTION
LOT 2 = 49% REDUCTION

SIGHT DISTANCE CERTIFICATION:
I HAVE REVIEWED THE INTERSECTION SIGHT DISTANCE FROM THE DRIVEWAY ONTO DERENNE AVENUE (BASED ON A 40 MPH POSTED SPEED LIMIT) AND THE TWO DRIVEWAYS ON 73RD STREET (BASED ON AN ASSUMED POSTED SPEED LIMIT OF 30 MPH) AND CERTIFY THAT ADEQUATE HORIZONTAL AND VERTICAL SIGHT DISTANCE WILL BE PROVIDED, BASED ON GDOT TABLE 3-4 "INTERSECTION SIGHT DISTANCE REQUIREMENTS".

Joshua Cox, I.P.E.
JOSHUA COX, I.P.E.

SITE AREA DEMISE

LOT 1 (CHICK-FIL-A)***	1.200± AC.	
LOT 2 (STARBUCKS)***	0.859± AC.	
LOT 3 (PARKER'S)	1.231± AC.	
FUTURE R/W DEDICATION	0.133± AC.	
SITE AREA	3.423± AC.	
	EXISTING	**PROPOSED
IMPERVIOUS AREA	2.968± AC.	2.580± AC.
PERVIOUS AREA (GREEN SPACE)	0.455± AC.	0.710± AC.
GREEN SPACE %	13.3%	21.6%

PARKER'S SITE ANALYSIS (LOT 3)

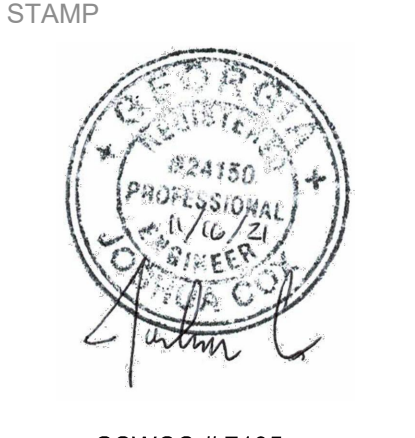
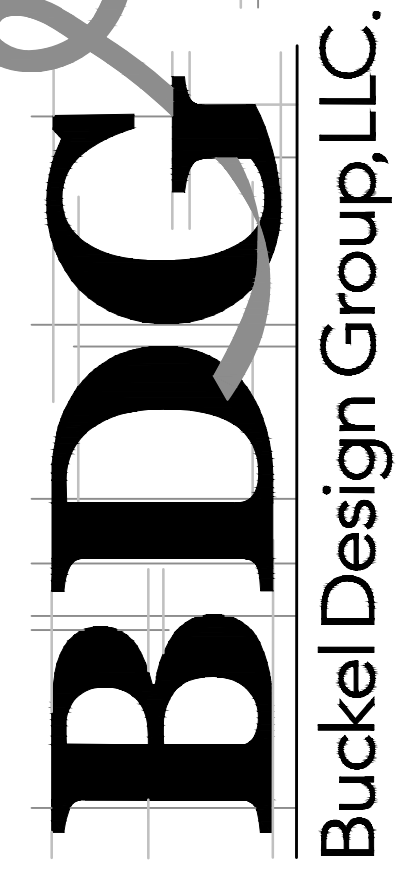
PARKER'S PARKING SHOWN	4,375 S.F.	39 SPACES
PARKING REQUIRED		*18 SPACES
		**0.231± AC. = 18.8%

ZONING INFORMATION:
CURRENT ZONING: B-C (COMMUNITY BUSINESS)
LOT AREA: N/A (NO MINIMUM OR MAXIMUM)
LOT WIDTH: N/A (NO MINIMUM OR MAXIMUM)
BUILDING COVERAGE: N/A
GROUND FLOOR AREA: N/A
BUILDING SETBACKS: AS SHOWN
PARKING AREA SETBACKS: AS SHOWN
MAX. BLDG. HT. = 75'

NOTE: THIS CHART IS FOR CONCEPTUAL PURPOSES ONLY. ACREAGE ARE APPROXIMATE AND MAY VARY DEPENDING ON ACTUAL BOUNDARY SURVEY.
*** PROPOSED GREEN SPACE CALCULATIONS EXCLUDE FUTURE R/W DEDICATION.
** CHICK-FIL-A AND STARBUCKS TO SUBMIT SITE SPECIFIC ENGINEERING DRAWINGS UNDER SEPARATE COVER.



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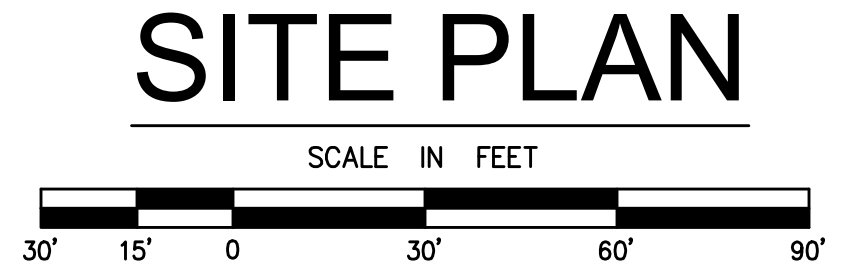
GSWCC #7195

PROPOSED: **Parker's kitchen**
SAVANNAH, GA 31405
FOR: **ATLAS SHRUGGED II, LLC**
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

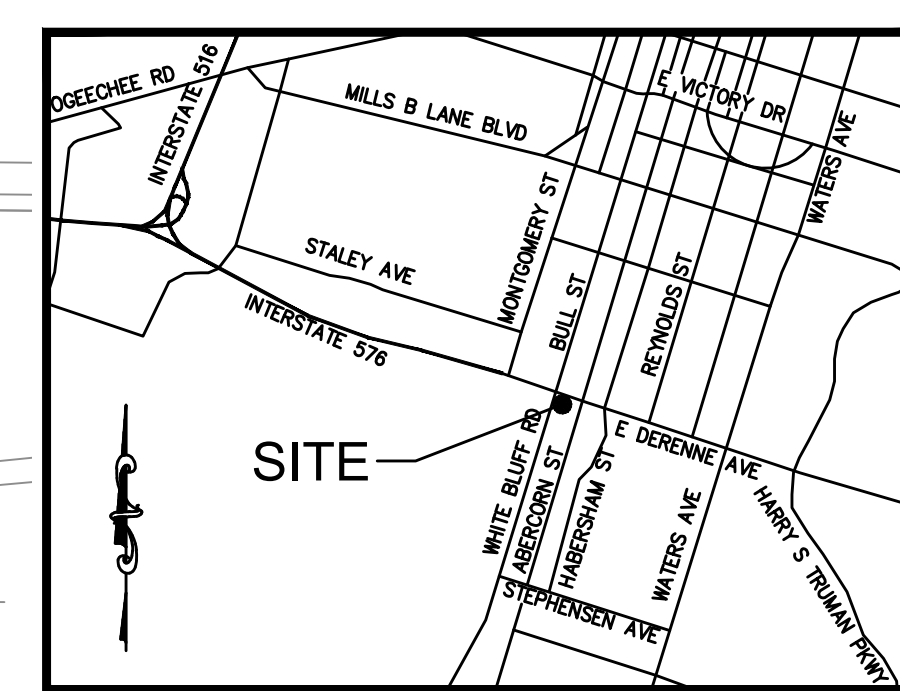
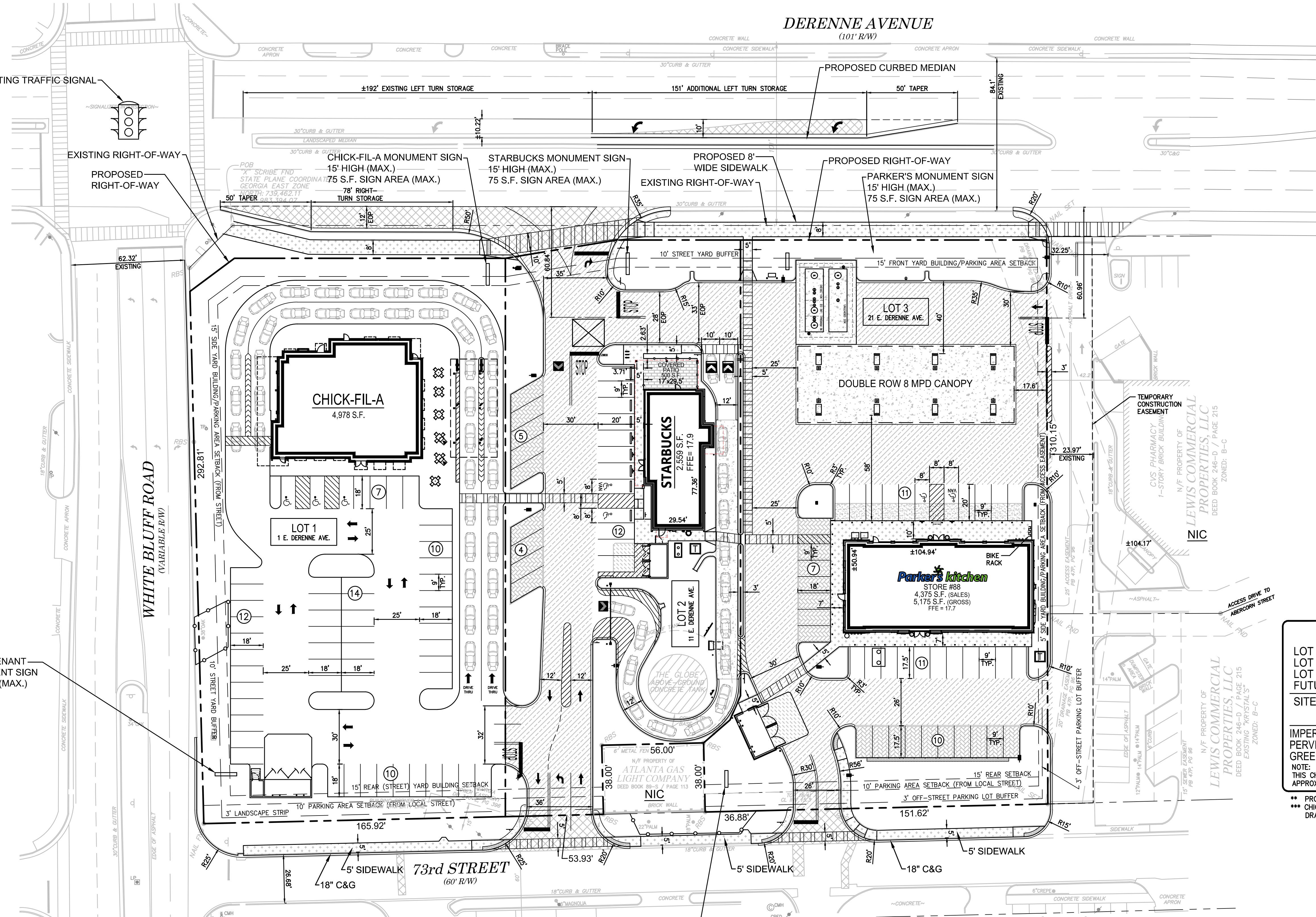
DRAWN	SC
CHECKED	JWC
ISSUED DATE	8/16/2021
ISSUED FOR	CONSTRUCTION
PROJECT NO.	19-180
FILE	19-180 Main

SHEET
C-1





Know what's below
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CHICK-FIL-A SITE ANALYSIS (LOT 1)

CHICK-FIL-A	4,978 S.F.
PARKING SHOWN	53 SPACES
PARKING REQUIRED	*50 SPACES
* 1 SPACE/100 S.F. (INCLUDING OUTDOOR SEATING AREA)	
LOT AREA	1.200± AC.
GREEN SPACE	**0.269± AC. = 22.4%

STARBUCKS SITE ANALYSIS (LOT 2)

STARBUCKS	2,559 S.F.
PARKING SHOWN	21 SPACES
PARKING REQUIRED	*31 SPACES
* 1 SPACE/100 S.F. (INCLUDING OUTDOOR SEATING AREA)	
LOT AREA	0.859± AC.
GREEN SPACE	**0.210± AC. = 24.4%

PARKER'S SITE ANALYSIS (LOT 3)

PARKER'S	4,375 S.F.
PARKING SHOWN	39 SPACES
PARKING REQUIRED	*18 SPACES
* 1 SPACE/250 S.F.	
LOT AREA	1.231± AC.
GREEN SPACE	**0.231± AC. = 18.8%

SITE AREA DEMISE

LOT 1 (CHICK-FIL-A)***	1.200± AC.	EXISTING	**PROPOSED
LOT 2 (STARBUCKS)***	0.859± AC.	EXISTING	**PROPOSED
LOT 3 (PARKER'S)	1.231± AC.	EXISTING	**PROPOSED
FUTURE RW DEDICATION	0.133± AC.		
SITE AREA	3.423± AC.		
IMPERVIOUS AREA	2.968± AC.		2.580± AC.
PERVIOUS AREA (GREEN SPACE)	0.455± AC.		0.710± AC.
GREEN SPACE %	13.3%		21.6%

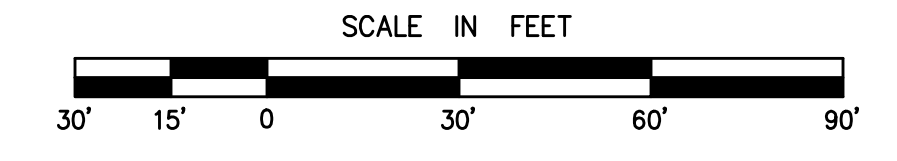
NOTE:
THIS CHART IS FOR CONCEPTUAL PURPOSES ONLY. ACREAGE ARE APPROXIMATE AND MAY VARY DEPENDING ON ACTUAL BOUNDARY SURVEY.
** PROPOSED GREEN SPACE CALCULATIONS EXCLUDE FUTURE R/W DEDICATION.
*** CHICK-FIL-A AND STARBUCKS TO SUBMIT SITE SPECIFIC ENGINEERING DRAWINGS UNDER SEPARATE COVER.

- LEGEND FOR PROPOSED IMPROVEMENTS**
- PROPOSED BUILDING
 - PROPOSED CURB AND GUTTER
 - PROPOSED GUIDERAIL
 - PROPOSED CHAINLINK FENCE
 - PAINTED TRAFFIC DIRECTION ARROW
 - PROPOSED PARKING SPACES
 - CONCRETE SIDEWALK
 - STANDARD DUTY ASPHALTIC PAVEMENT
 - HEAVY DUTY ASPHALTIC PAVEMENT
 - HEAVY DUTY CONCRETE PAVEMENT
 - STANDARD DUTY CONCRETE PAVEMENT
 - PUBLIC ROADWAY ASPHALTIC PAVEMENT
 - PERVIOUS PAVERS
 - DUMPSTER APRON

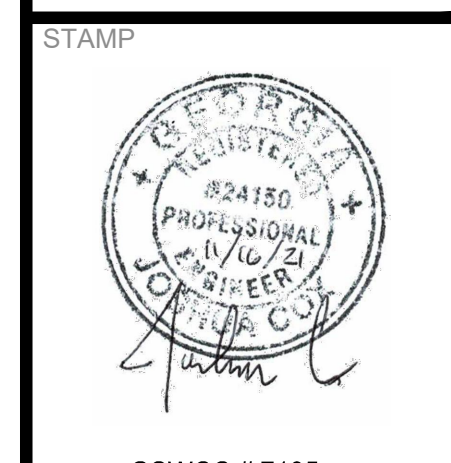
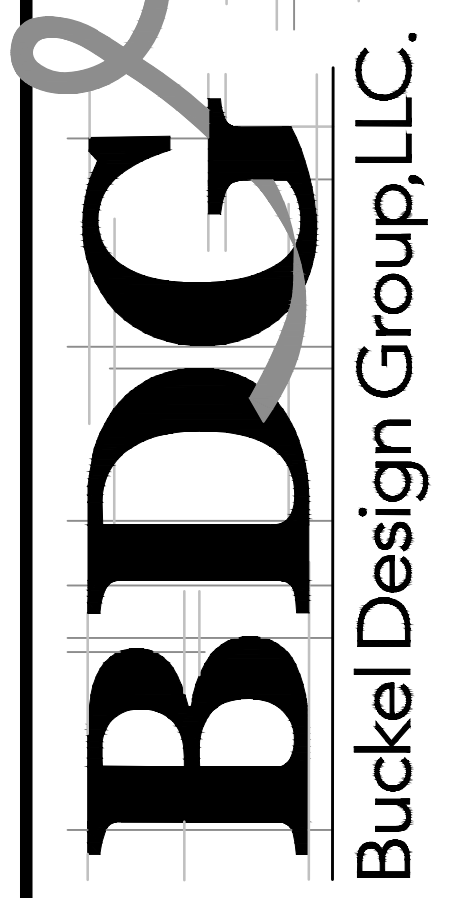
NOTE:
THE IMPROVEMENTS ON LOTS 1 AND 2 ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY, AND WILL BE CONSTRUCTED UNDER SEPARATE PERMITS. DURING THE PARKER'S SITWORK, LOTS 1 AND 2 WILL BE GRADED, THEN GRASSED AND MAINTAINED UNTIL THE FUTURE DEVELOPMENT OF LOTS.

CONCEPTUAL SITE PLAN

(FUTURE DEVELOPMENT)



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Parker's kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

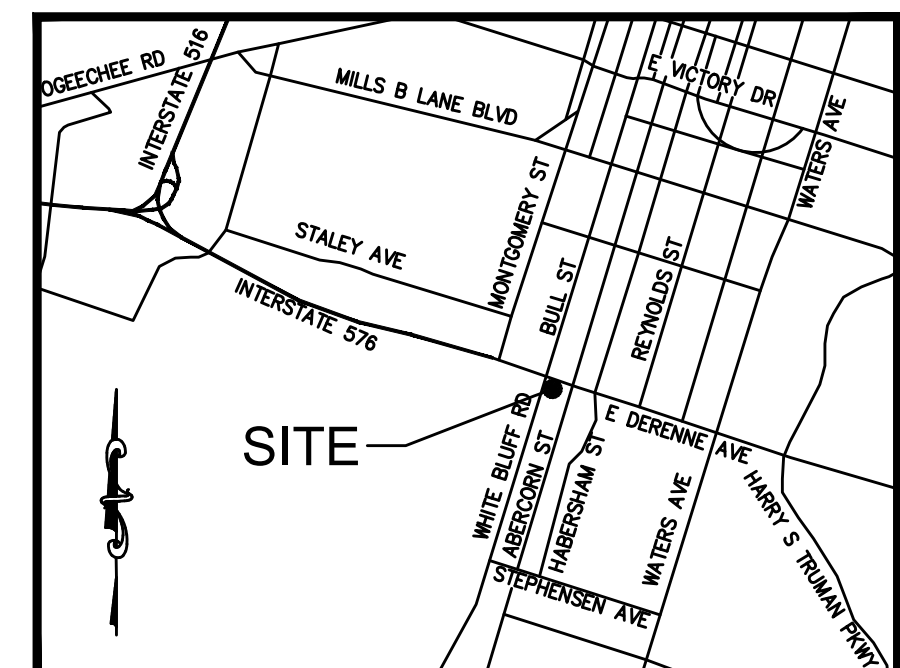
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REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN	SC
CHECKED	JWC
ISSUED DATE	8/18/2021
ISSUED FOR CONSTRUCTION	
PROJECT NO.	19-180
FILE	

SHEET C-1A

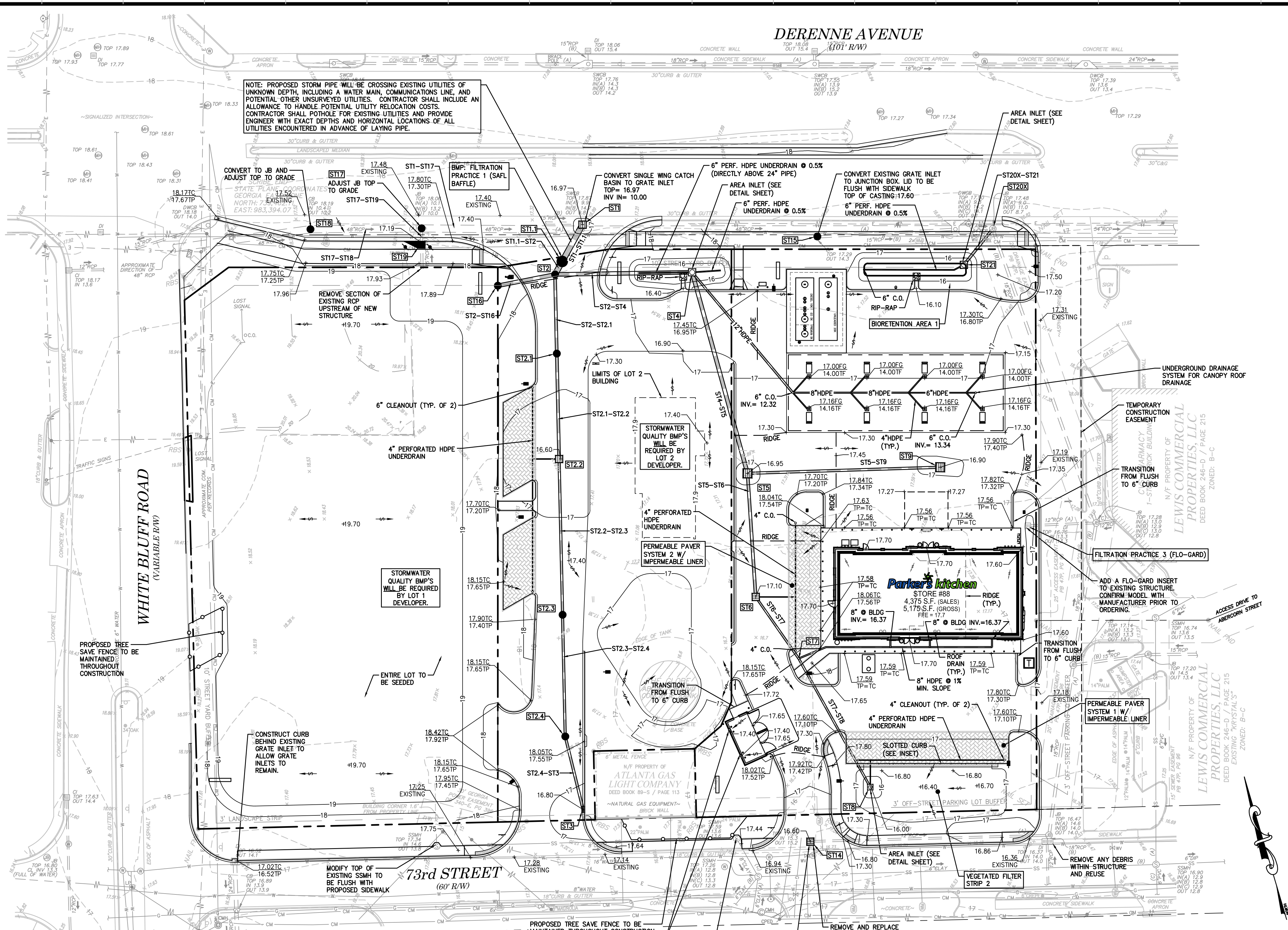
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DERENNE AVENUE



LOCATION MAP
NOT TO SCALE

NOTE: PROPOSED STORM PIPE WILL BE CROSSING EXISTING UTILITIES OF UNKNOWN DEPTH, INCLUDING A WATER MAIN, COMMUNICATIONS LINE, AND POTENTIAL OTHER UNSURVEYED UTILITIES. CONTRACTOR SHALL INCLUDE AN ALLOWANCE TO HANDLE POTENTIAL UTILITY RELOCATION COSTS. CONTRACTOR SHALL POthOLE FOR EXISTING UTILITIES AND PROVIDE ENGINEER WITH EXACT DEPTHS AND HORIZONTAL LOCATIONS OF ALL UTILITIES ENCOUNTERED IN ADVANCE OF LAYING PIPE.



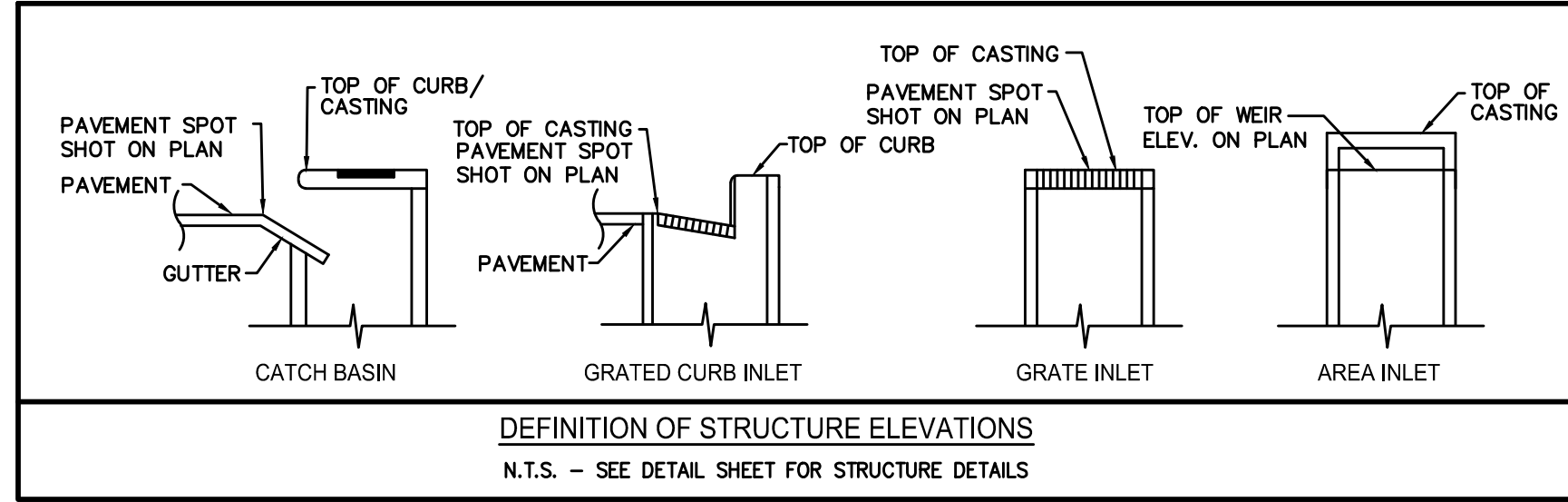
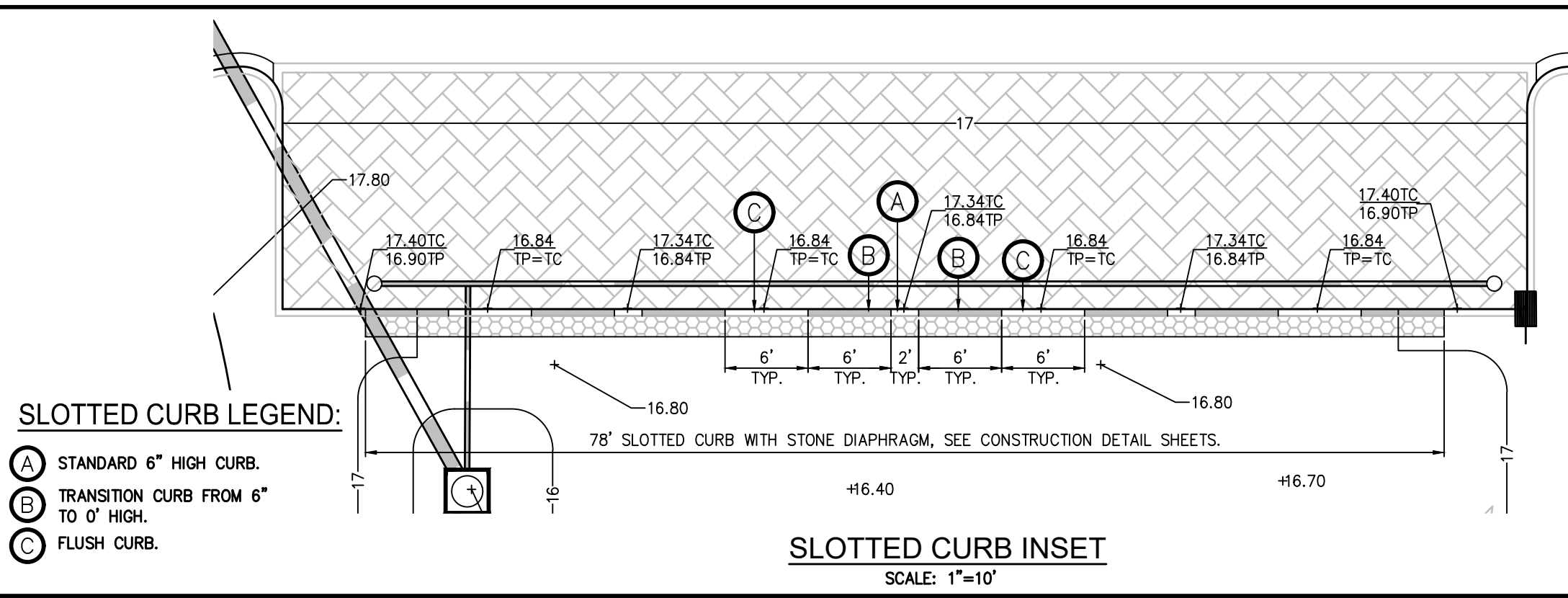
STRUCTURE TABLE				PIPE TABLE				
STRUCTURE #	STRUCTURE TYPE	TOP OF CASTING	INVERT OUT	INVERT IN	PIPE NAME	LENGTH	SIZE	SLOPE
ST1	GRATE INLET	16.97	9.80	10.00 (ST1.1) 9.90 (ST17)	ST1-ST1.1	23	36	0.58%
ST1.1	SAFL BAFFLE	17.39	10.14	10.14 (ST2)	ST1-ST17	89	48	0.11%
ST2	JUNCTION BOX	17.50	10.18	10.18 (ST4) 11.18 (ST2.1) 11.18 (ST6)	ST1-ST2	8	36	0.58%
ST2.1	JUNCTION BOX	17.27	11.51	11.51 (ST2.2)	ST2-ST2.1	44	18	0.75%
ST2.2	GRATE INLET	16.60	11.95	12.20 (ST2.3) 12.50 (UD2)	ST2-ST4	76	24	0.50%
ST2.3	JUNCTION BOX	17.22	12.85	12.85 (ST2.4)	ST2-ST16	32	24	1.00%
ST2.4	JUNCTION BOX	17.81	13.36	13.36 (ST3)	ST2.1-ST2.2	58	18	0.75%
ST3	CURB INLET	16.80	13.67		ST2.2-ST2.3	86	15	0.75%
ST4	AREA INLET	16.83	10.56	11.50 (CANOPY) 10.66 (ST5) 13.10 (UD5) 13.10 (UD6)	ST2.3-ST2.4	67	15	0.75%
ST5	GRATE INLET	16.95	11.28	11.46 (ST8) 12.01 (ST9)	ST2.4-ST3	42	15	0.75%
ST6	GRATE INLET	17.10	11.80	12.09 (ST7) 12.00 (UD7)	ST4-ST5	115	24	0.52%
ST7	CLEANOUT	18.03	12.21	12.21 (ST8) 12.41 (BLD)	ST5-ST9	107	15	0.74%
ST8	AREA INLET	17.33	12.62	12.70 (UD1)	ST6-ST7	42	12	0.50%
ST9	GRATE INLET	16.90	12.80		ST7-ST8	82	12	0.50%
ST14	GRATE INLET	16.60	15.20		ST15-ST9	107	15	0.74%
ST15	EXISTING GRATE INLET	17.28	14.30		ST17-ST18	62	48	0.16%
ST16	JUNCTION BOX	18.26	11.51		ST17-ST19	9	15	1.10%
ST17	JUNCTION BOX	17.33	10.00	13.20 (ST19) 10.10 (ST18)	ST20X-ST21	26	15	1.00%
ST18	JUNCTION BOX	17.35	10.20	10.40 (S13)				
ST19	SINGLE WING CATCH BASIN-R	17.63	13.30					
ST20X	EXISTING JUNCTION BOX	17.48	8.70	9.00 (EX DWB3) 11.00 (EX 18) 11.00 (ST2) 9.00 (EX DWB2)				
ST21	AREA INLET	17.33	11.26	12.00 (UD4)				

SITE GRADING NOTES

- CONTRACTOR IS RESPONSIBLE FOR DEMOLITION OF EXISTING STRUCTURES INCLUDING REMOVAL OF ANY EXISTING UTILITIES SERVING THE STRUCTURE. UTILITIES ARE TO BE REMOVED TO THE RIGHT-OF-WAY.
- ALL CUT OR FILL SLOPES SHALL BE 2:1 OR FLATTER UNLESS OTHERWISE NOTED.
- PRECAST STRUCTURES MAY BE USED AT CONTRACTOR'S OPTION.
- STORM PIPE TYPE AND JOINTS SHALL BE AS FOLLOWS:
 - A. CONCRETE PIPE (RCP): ASTM C 76.
 - FOR FILLS LESS THAN 15 FEET OVER TOP OF PIPE: CLASS III OR GREATER SHALL BE USED.
 - FOR FILLS 15 FEET TO 20 FEET OVER PIPE: CLASS IV OR GREATER SHALL BE USED.
 - FOR FILLS GREATER THAN 20 FEET OVER PIPE: CLASS V OR GREATER SHALL BE USED.
 - B. HIGH DENSITY POLYETHYLENE PIPE (HDPE): AASHTO M 252 TYPE S, M 294 TYPE S, OR ASTM F 2306 SMOOTH INTERIOR/ANNUAL EXTERIOR.
 - JOINT MATERIAL:
 - a. RUBBER GASKET.
 - 1) ADS N-12 WT BY ADVANCED DRAINAGE SYSTEMS, INC
 - 2) ADS N-12 ST BY ADVANCED DRAINAGE SYSTEMS, INC.
 - 3) BLUE SEAL BY HANCOX, INC.
 - 4) SURE-LOK BY HANCOX, INC.
 - 5) CORRUGATED COUPLING BANDS.
 - b. HD-0 BY HANCOX, INC.
 - 2) ADS N-12 BY ADVANCED DRAINAGE SYSTEMS, INC.
 - c. PE WRAP.
- EXISTING DRAINAGE STRUCTURES TO BE INSPECTED AND REPAIRED AS NEEDED, AND EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
- EXISTING GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
- PROPOSED GRADE CONTOUR SHOWN AT 1 FOOT INTERVALS.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO EXISTING CONDITIONS OR BETTER.
- ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUDED TO ASSURE CONNECTION AT STRUCTURE IS WATER-TIGHT.
- ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING & COVERS. MANHOLES IN UNPAVED AREAS SHALL BE 6" ABOVE FINISH GRADE. LIDS SHALL BE LABELED "STORM SEWER".
- THE CONTRACTOR SHALL ADHERE TO ALL TERMS & CONDITIONS AS OUTLINED IN THE GENERAL N.P.D.E.S. PERMIT FOR STORMWATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES.
- CONTRACTOR SHALL ADJUST AND/OR CUT EXISTING PAVEMENT AS NECESSARY TO ASSURE A SMOOTH FIT AND CONTINUOUS GRADE.
- CONTRACTOR SHALL ASSURE POSITIVE DRAINAGE AWAY FROM BUILDINGS FOR ALL NATURAL AND PAVED AREAS.
- TOPOGRAPHIC INFORMATION TAKEN FROM A TOPOGRAPHIC SURVEY BY GEO SURVEY, IF CONTRACTOR DOES NOT ACCEPT EXISTING TOPOGRAPHY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, HE SHALL HAVE MADE, AT HIS EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED LAND SURVEYOR AND SUBMIT IT TO THE OWNER FOR REVIEW.
- ALL UNSURFACED AREAS DISTURBED BY GRADING OPERATION SHALL RECEIVE 4 INCHES OF TOPSOIL. CONTRACTOR SHALL APPLY STABILIZATION FABRIC TO ALL SLOPES AS INDICATED ON THE EROSION CONTROL PLANS. CONTRACTOR SHALL GRASS DISTURBED AREAS IN ACCORDANCE WITH CITY/COUNTY SPECIFICATIONS UNTIL A HEALTHY STAND OF GRASS IS OBTAINED.
- CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE GOVERNING CODES AND BE CONSTRUCTED TO SAME.
- ALL STORM STRUCTURES SHALL HAVE A SMOOTH FLOWING MORTAR INVERT FROM INVERT-IN TO INVERT-OUT.
- CONTRACTOR TO CONTACT THE CITY/COUNTY FIRE DEPARTMENT FOR BLASTING REQUIREMENTS.
- WHERE ASPHALT OVERLAY IS SPECIFIED ON THE PLANS, THE CONTRACTOR SHALL PROVIDE LEVELING, WHERE NECESSARY, TO ACHIEVE THE PROPOSED GRADES SPECIFIED ON THE GRADING PLAN. THE CONTRACTOR SHALL INCLUDE ALL COSTS IN BASE BID.
- CONTRACTOR SHALL VERIFY HORIZONTAL & VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, & ALL UTILITIES PRIOR TO CONSTRUCTION.
- CLEARING & GRUBBING LIMITS SHALL INCLUDE ALL AREAS DISTURBED BY GRADING OPERATIONS. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UNDISTURBED AREAS, ALL PROPERTY CORNERS, & REPLACING ALL PINS ELIMINATED OR DAMAGED DURING CONSTRUCTION.
- ALL SOILS WITHIN LANDSCAPING, MULCHED, GRASSED, OR OTHERWISE PERSISTENT AREAS SHALL BE RESTORED THROUGH "SOIL RESTORATION" SPECIFICATIONS. SEE NOTES ON CONSTRUCTION DETAIL SHEETS.

GRADING/DRAINAGE PLAN LEGEND

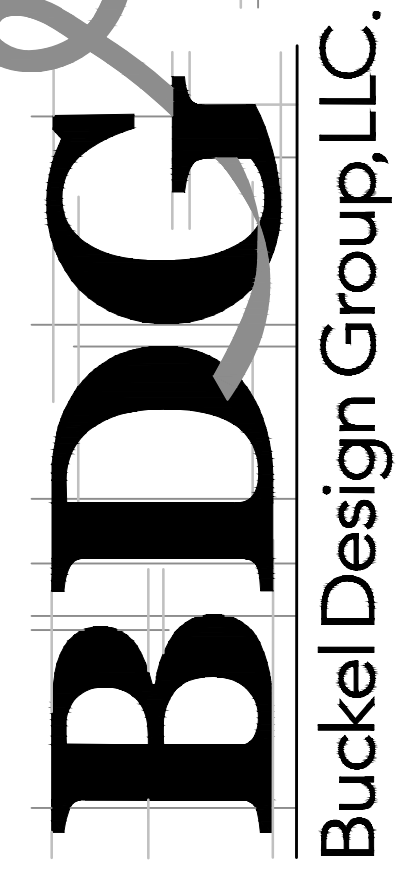
- JUNCTION BOX/STORM MANHOLE
- ▣ DRAINAGE STRUCTURE INDICATOR
- ▤ DOUBLE WING CATCH BASIN
- ▥ SINGLE WING CATCH BASIN
- SLOPE ARROW
- CONCRETE FLUME
- ▩ CURB INLET (W/ NON-MOUNTABLE HOOD & GRATE)
- ▨ SINGLE GRATE INLET
- AREA INLET
- TP = TOP OF CURB
- TC = TOP OF PAVEMENT
- TF = TOP OF FOOTING
- FG = FINISHED GRADE



THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF ALL EXISTING UTILITIES (ABOVE OR BELOW GROUND) AS SHOWN ON THESE PLANS ARE APPROXIMATE AND WERE LOCATED BASED ON EITHER VISUAL OBSERVATIONS AT THE SITE, EXISTING SURVEYS AND/OR FROM UTILITY OWNERS. BUCKEL DESIGN GROUP, LLC INC. DOES NOT GUARANTEE THAT EXISTING UTILITY LOCATIONS SHOWN ARE EXACT. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXACT LOCATIONS OF EXISTING UTILITIES (ABOVE OR BELOW GROUND) BEFORE BEGINNING ANY CONSTRUCTION. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND THE UTILITIES PROTECTION CENTER AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY OWNER AND/OR ENGINEER OF ANY UTILITY CONFLICTS WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.



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GSWC #7195

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SAVANNAH, GA 31405

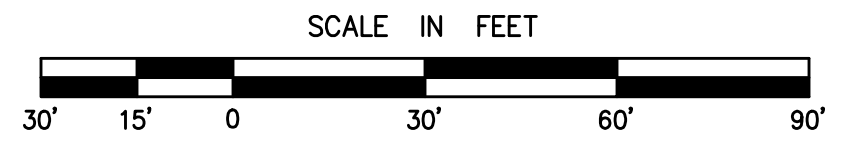
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESS CITY COMMENTS 9/10/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN	SC
CHECKED	JWC
ISSUED DATE	8/16/2021
ISSUED FOR CONSTRUCTION	
PROJECT NO.	19-180
FILE	19-180 Main

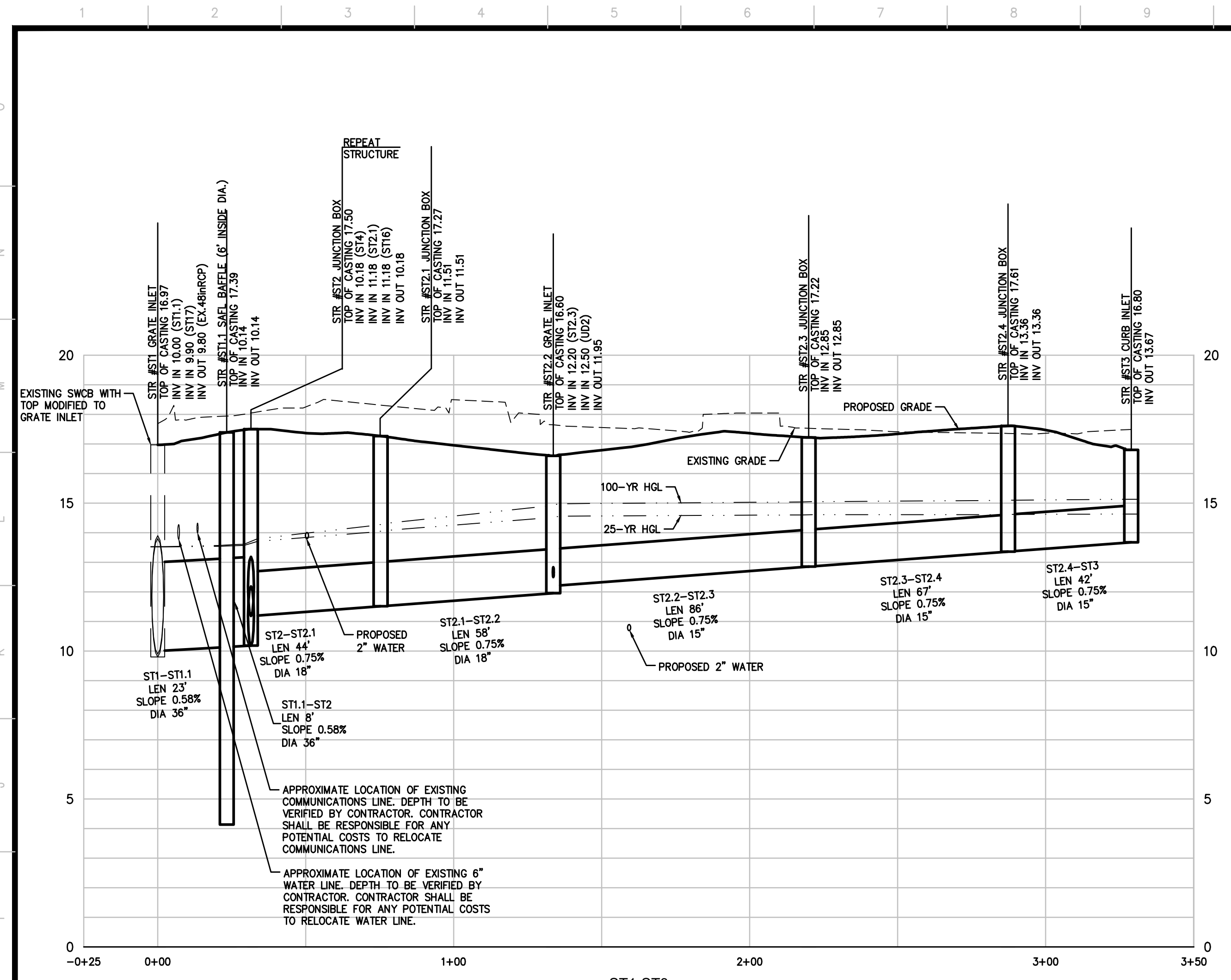
SHEET
C-2

GRADING PLAN

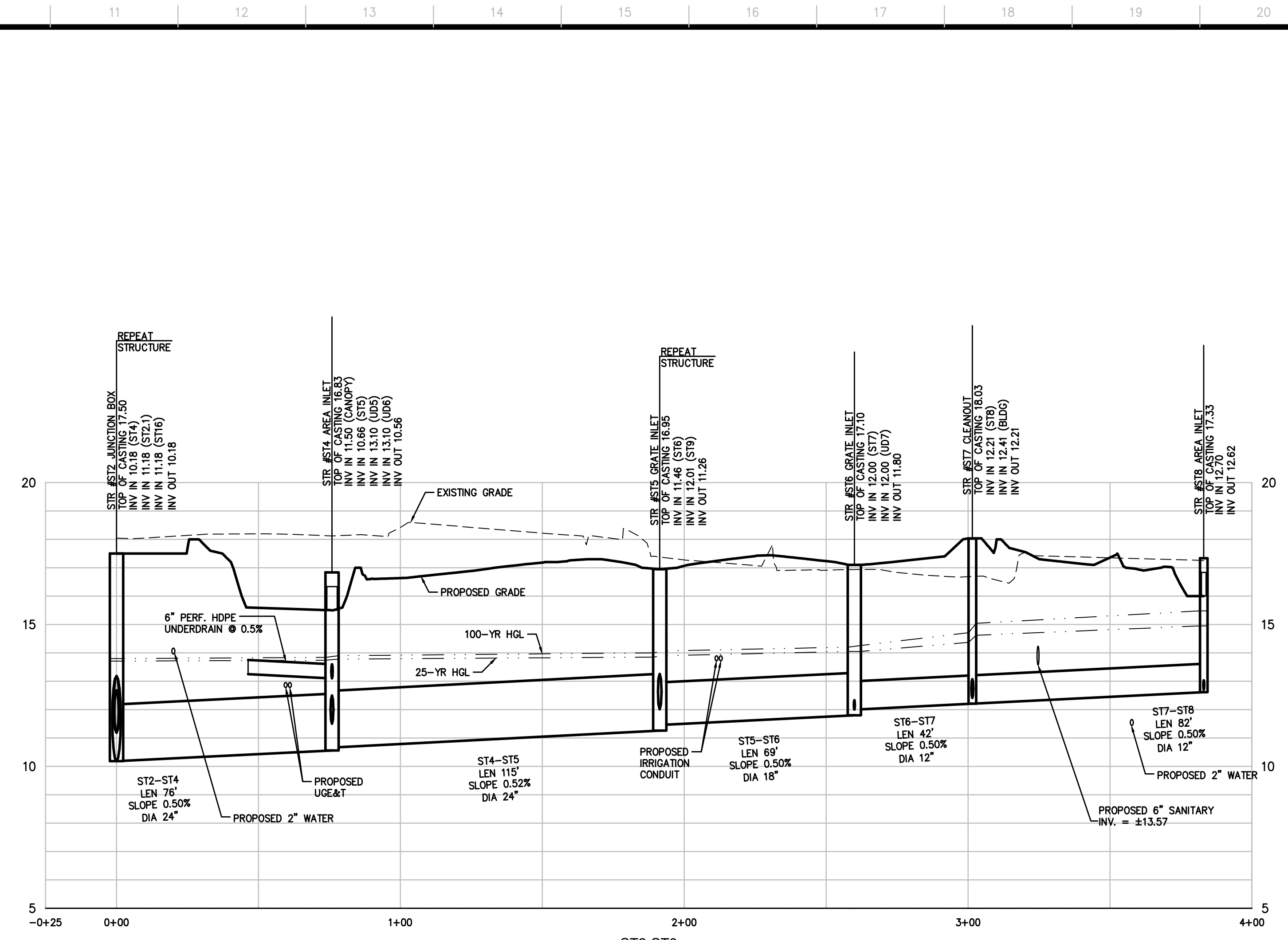


REVISION	BY
△ REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
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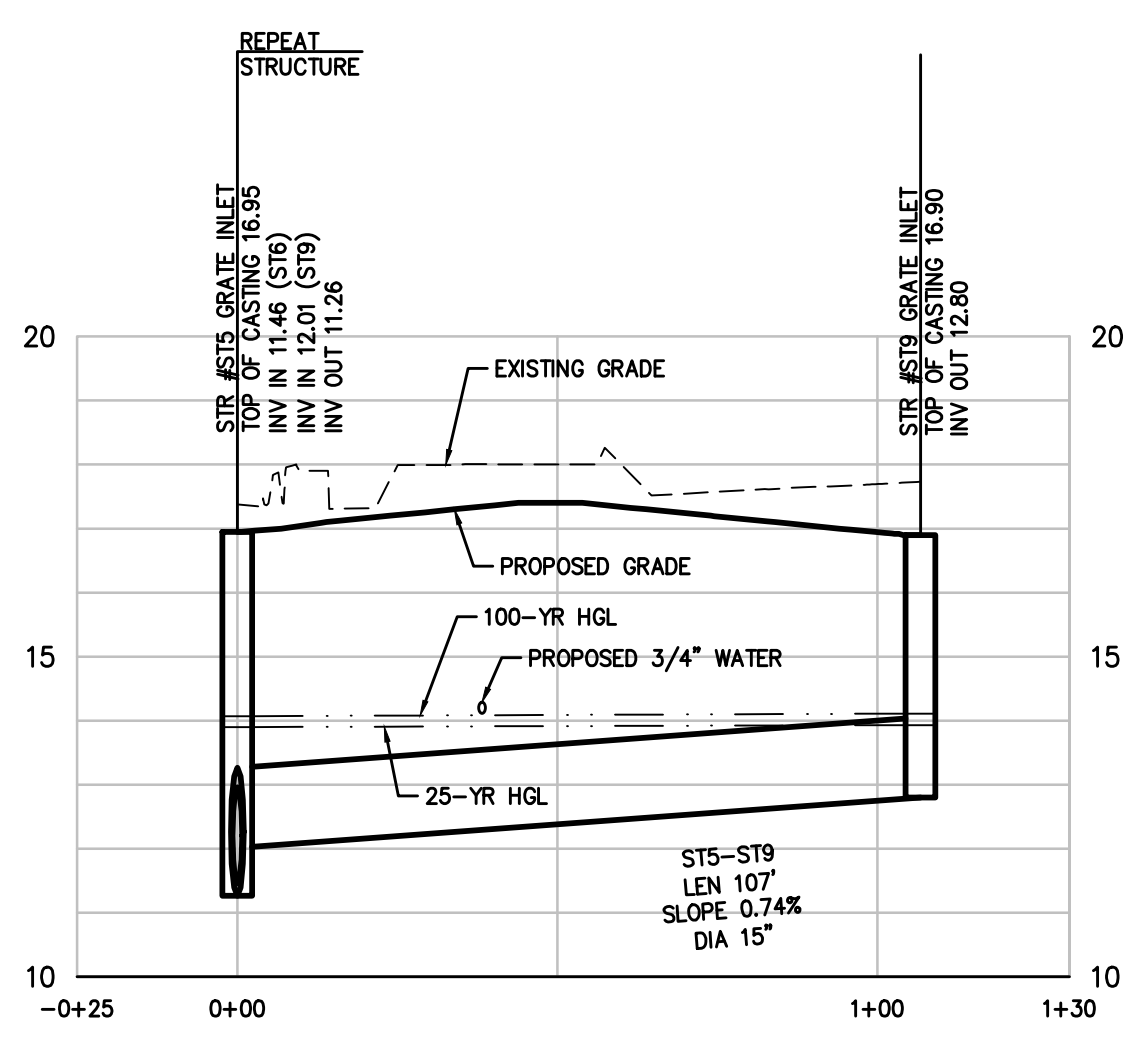
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CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
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FILE 19-180 Main



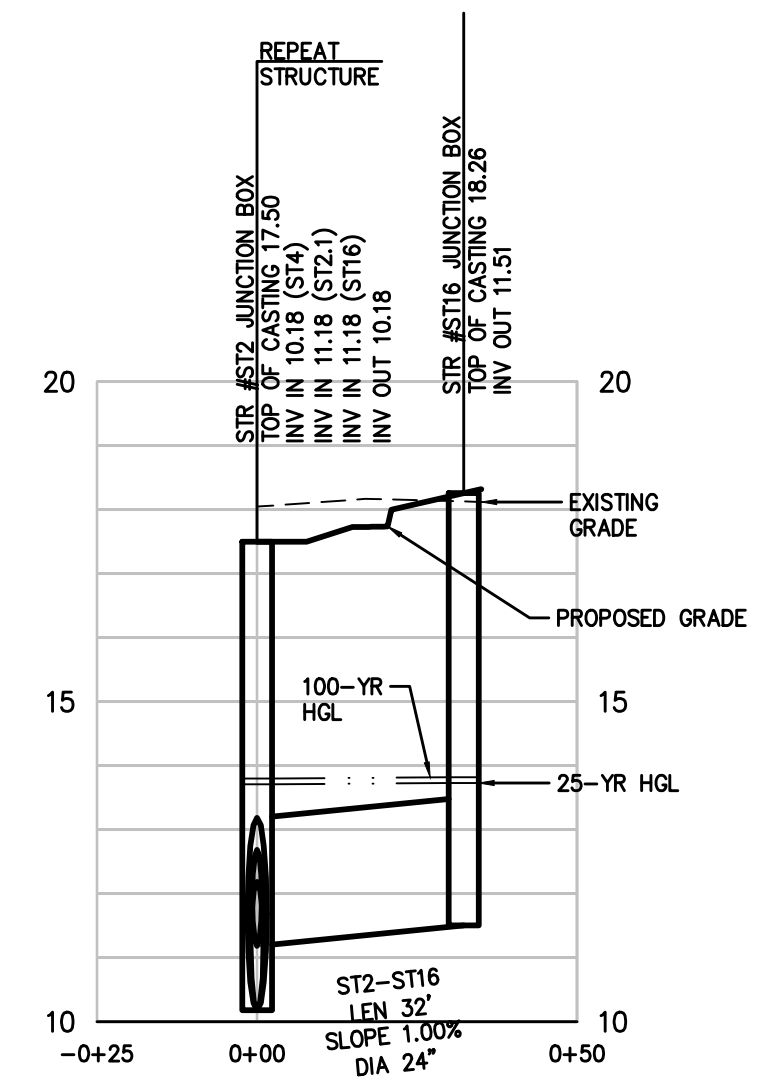
ST1-ST3
H: 1"=30'
V: 1"=3'



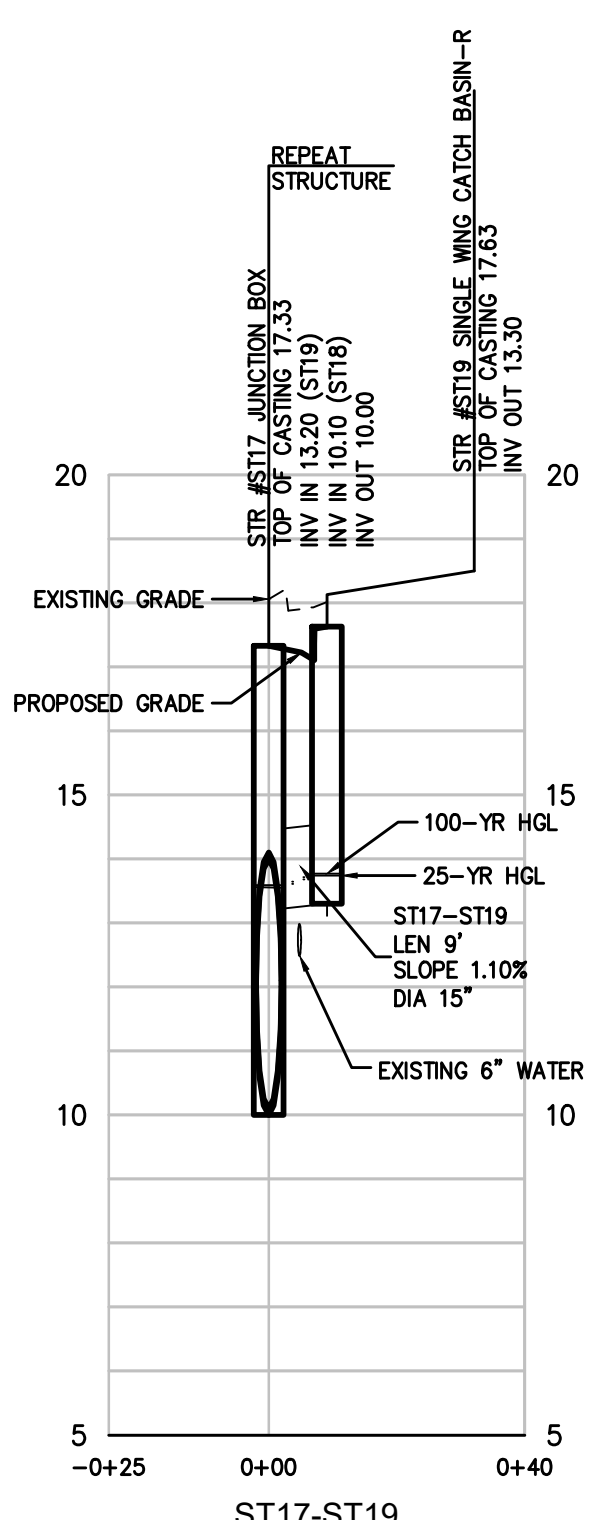
ST2-ST8
H: 1"=30'
V: 1"=3'



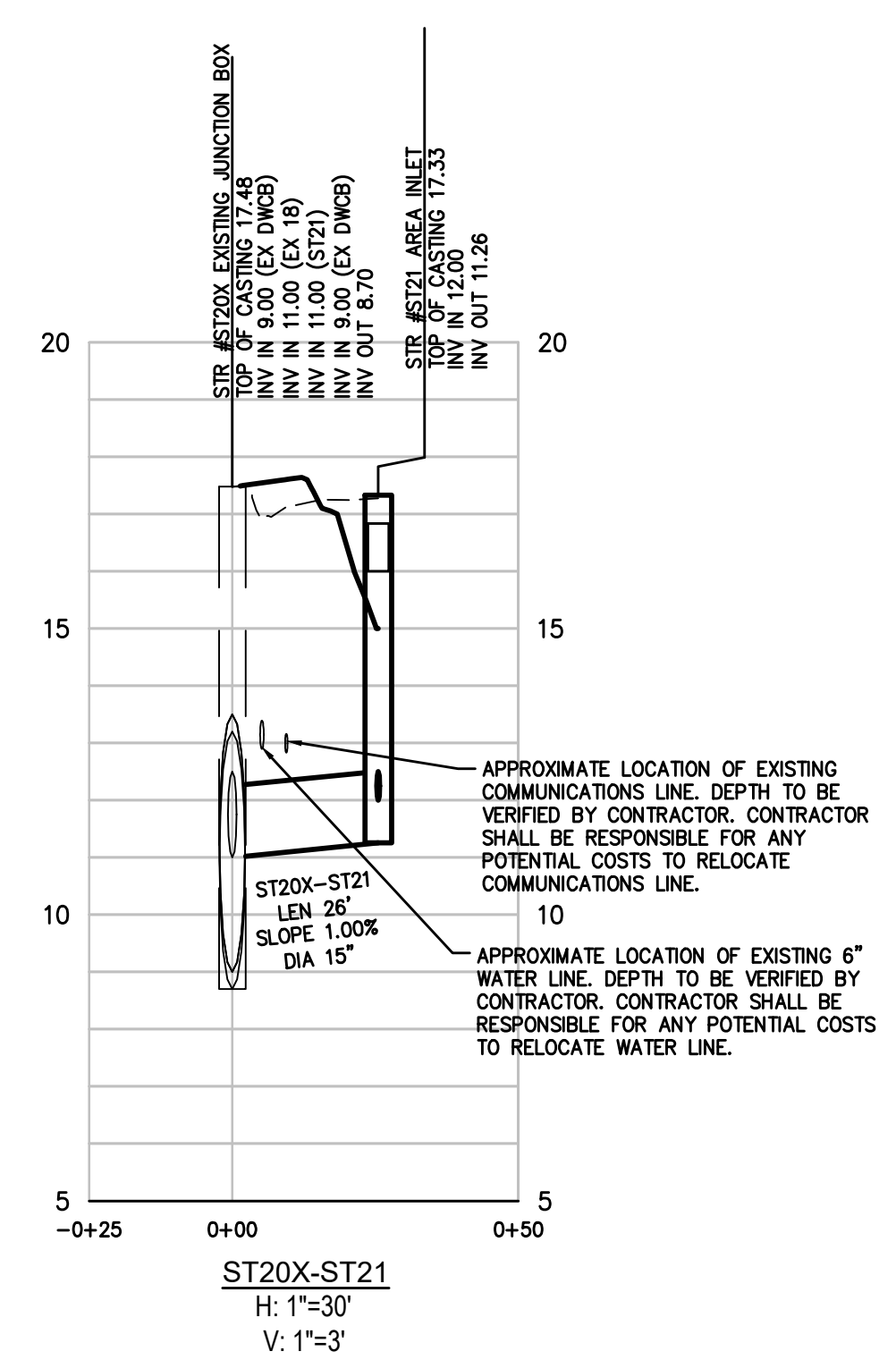
ST5-ST9
H: 1"=30'
V: 1"=3'



ST2-ST16
H: 1"=30'
V: 1"=3'



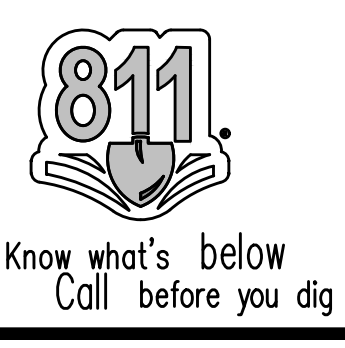
ST17-ST19
H: 1"=30'
V: 1"=3'



ST20X-ST21
H: 1"=30'
V: 1"=3'

PIPE LENGTHS SHOWN ARE MEASURED FROM CENTERLINE TO CENTERLINE OF THEIR RESPECTIVE STRUCTURES

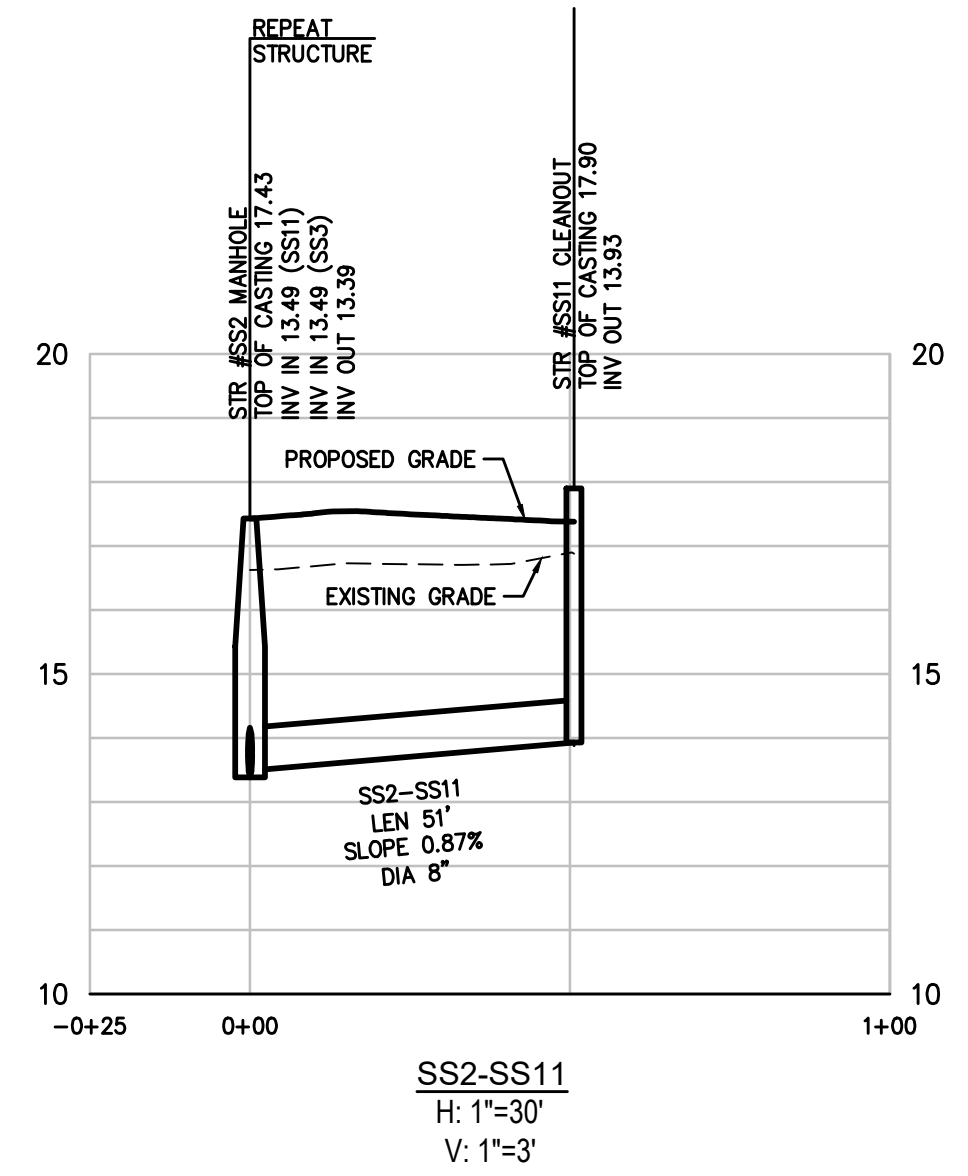
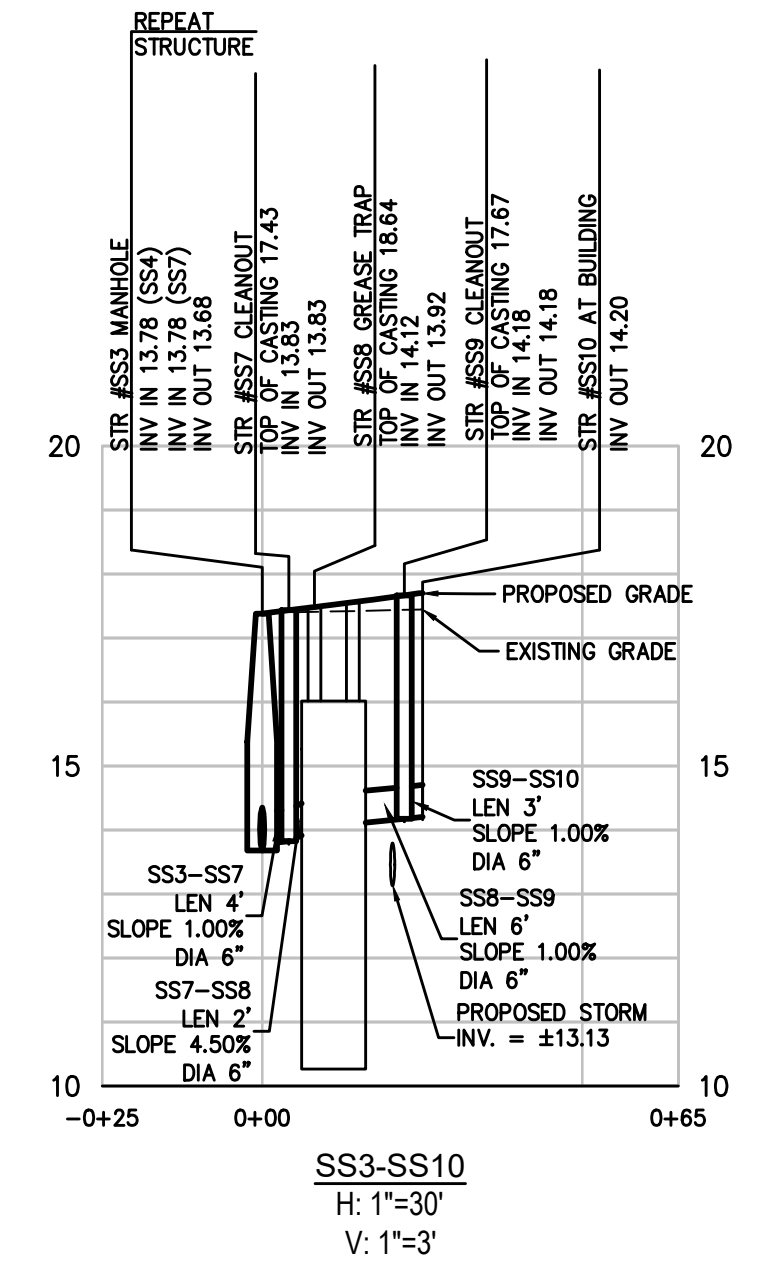
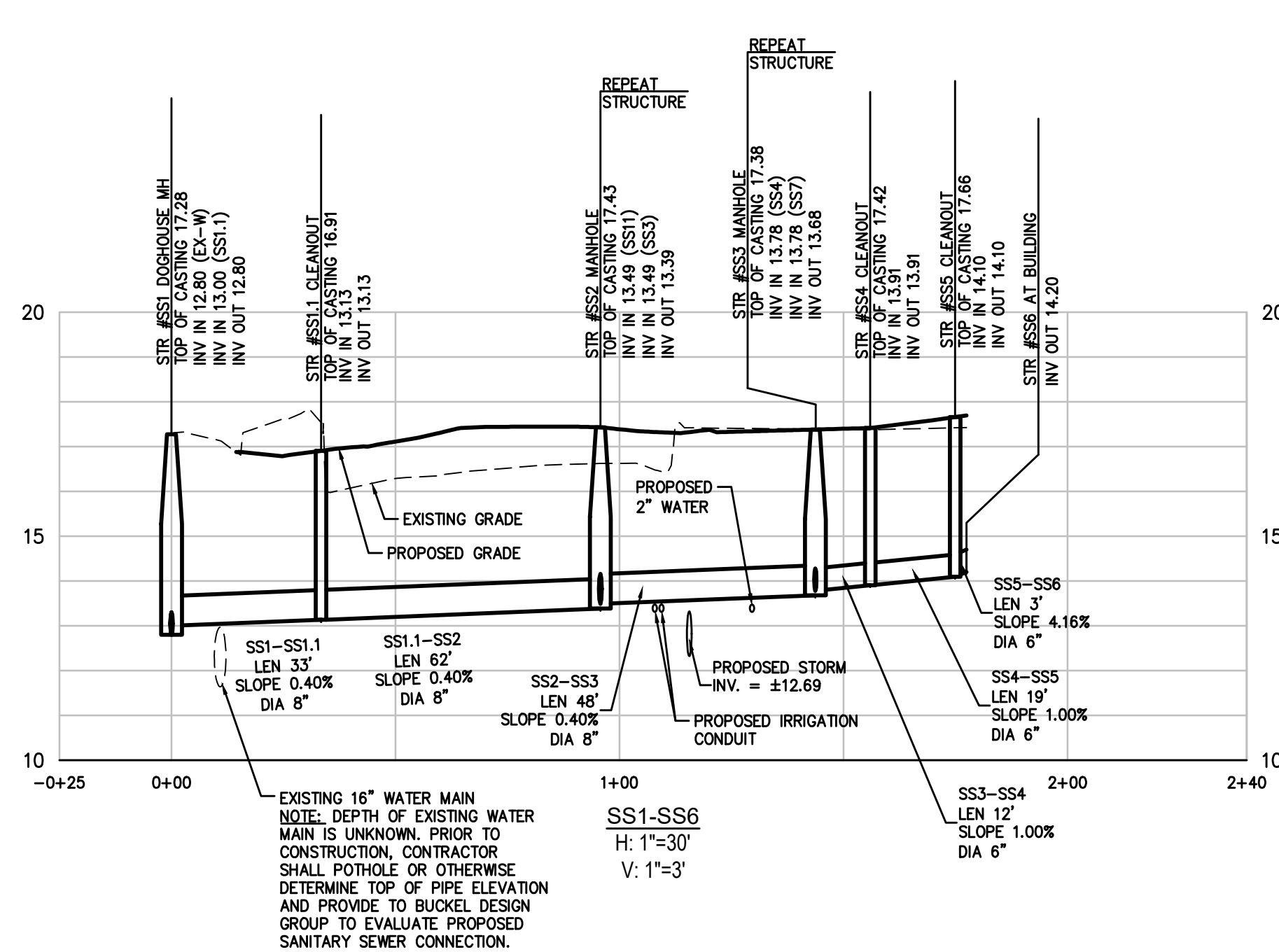
**STORM SEWER
PROFILES**





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PIPE LENGTHS SHOWN ARE MEASURED FROM CENTERLINE TO CENTERLINE OF THEIR RESPECTIVE STRUCTURES



CITY OF SAVANNAH
 DEVELOPMENT
 SERVICES
 SITE PLAN
 APPROVED
 11/02/21

BDG
 Buckel Design Group, LLC.
 3471 DONAVILLE ST
 DULUTH, GA 30096
 PHONE: 404-567-5701
 FAX: 404-567-5703
 WWW.BDGSE.COM

STAMP

 GSWC # 7195

PROPOSED:

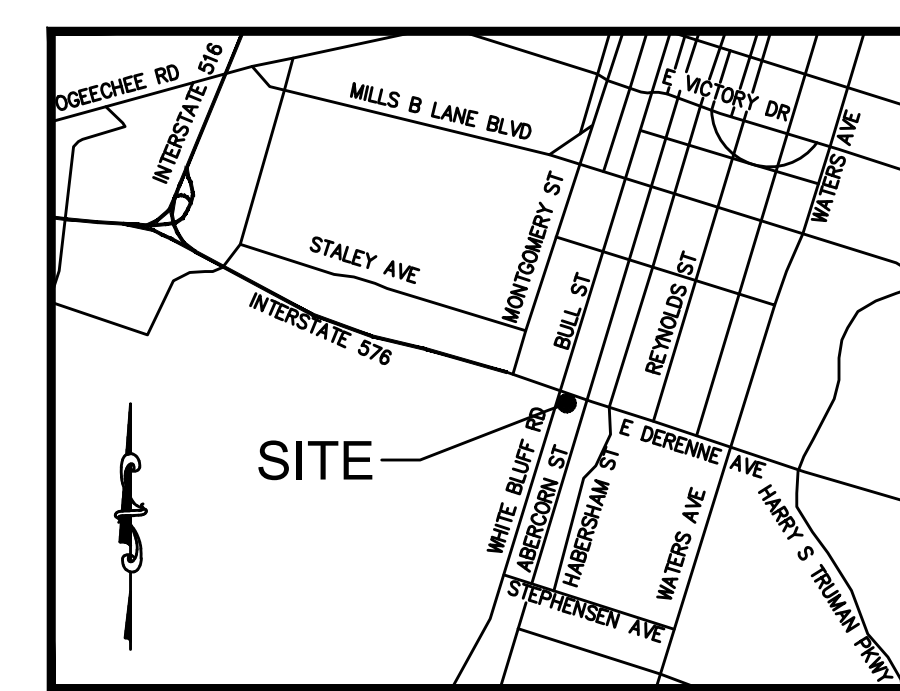
 SAVANNAH, GA 31405
 FOR:
 ATLAS SHRUGGED II, LLC
 SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/18/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180 Main

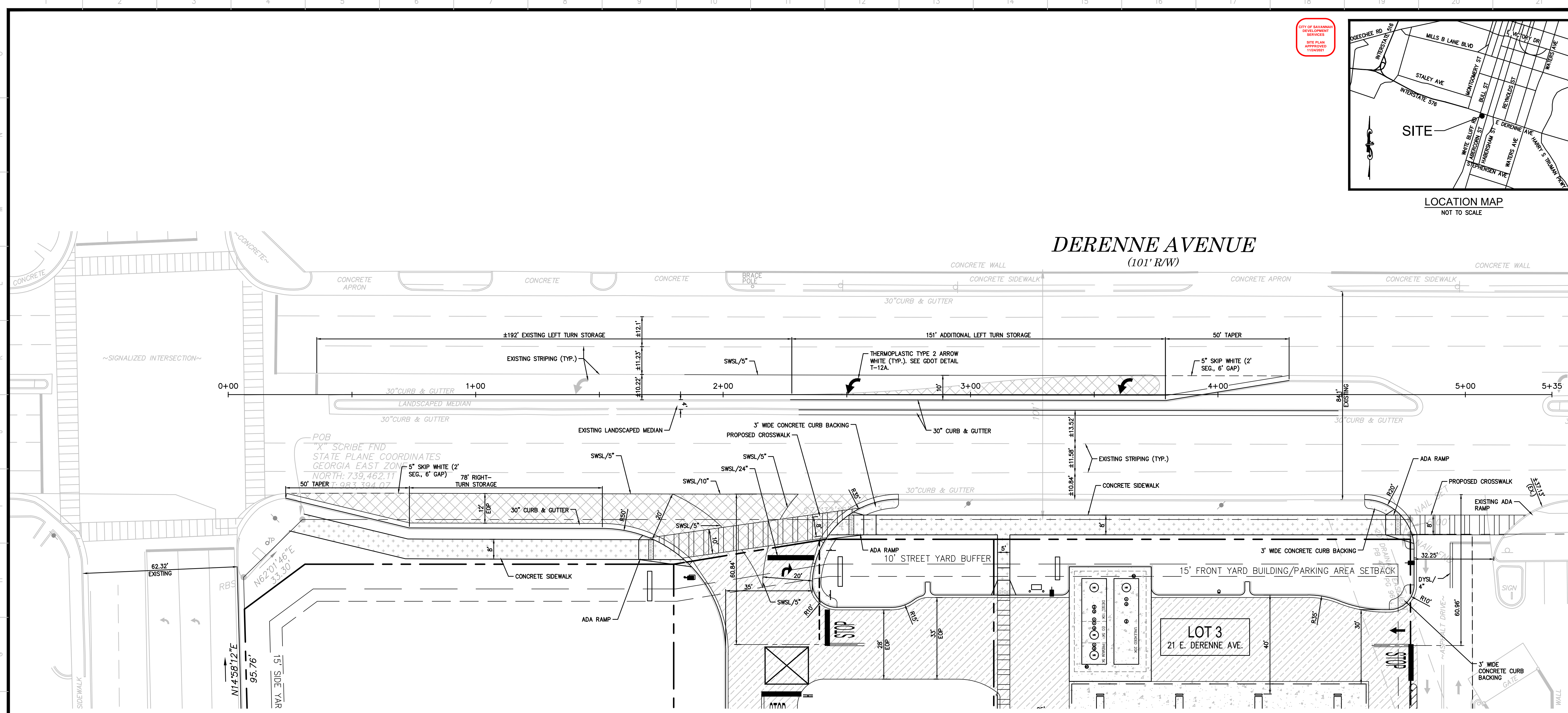
SANITARY SEWER PROFILES

SHEET
SS-1



LOCATION MAP
NOT TO SCALE

DERENNE AVENUE (101' R/W)



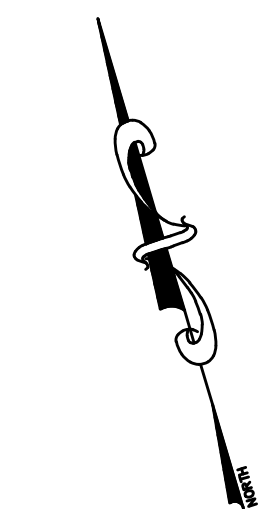
SIGHT DISTANCE CERTIFICATION:
I HAVE REVIEWED THE INTERSECTION SIGHT DISTANCE FROM THE DRIVEWAY ONTO DERENNE AVENUE (BASED ON A 40 MPH POSTED SPEED LIMIT) AND THE TWO DRIVEWAYS ON 73RD STREET (BASED ON AN ASSUMED POSTED SPEED LIMIT OF 30 MPH) AND CERTIFY THAT ADEQUATE HORIZONTAL AND VERTICAL SIGHT DISTANCE WILL BE PROVIDED, BASED ON GDOT TABLE 3-4 "INTERSECTION SIGHT DISTANCE REQUIREMENTS"
Joshua Cox
JOSHUA COX, P.E.

LEGEND FOR PROPOSED IMPROVEMENTS

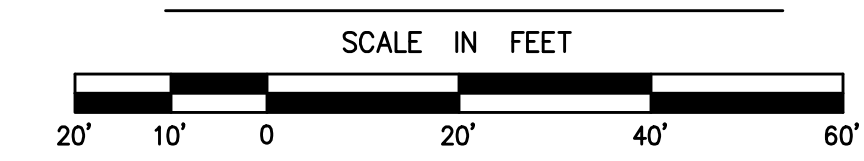
- PROPOSED BUILDING
- PROPOSED CURB AND GUTTER
- PROPOSED GUIDEWAY
- PROPOSED CHAINLINK FENCE
- PAINTED TRAFFIC DIRECTION ARROW
- PROPOSED PARKING SPACES
- CONCRETE SIDEWALK
- STANDARD DUTY ASPHALTIC PAVEMENT
- HEAVY DUTY ASPHALTIC PAVEMENT
- HEAVY DUTY CONCRETE PAVEMENT
- STANDARD DUTY CONCRETE PAVEMENT
- PUBLIC ROADWAY ASPHALTIC PAVEMENT
- PERVIOUS PAVERS
- DUMPSTER APRON

PAINTING STRIPING LEGEND

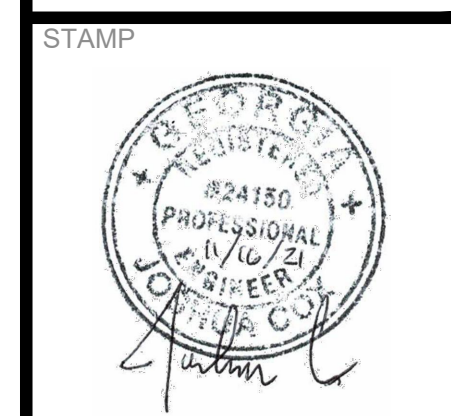
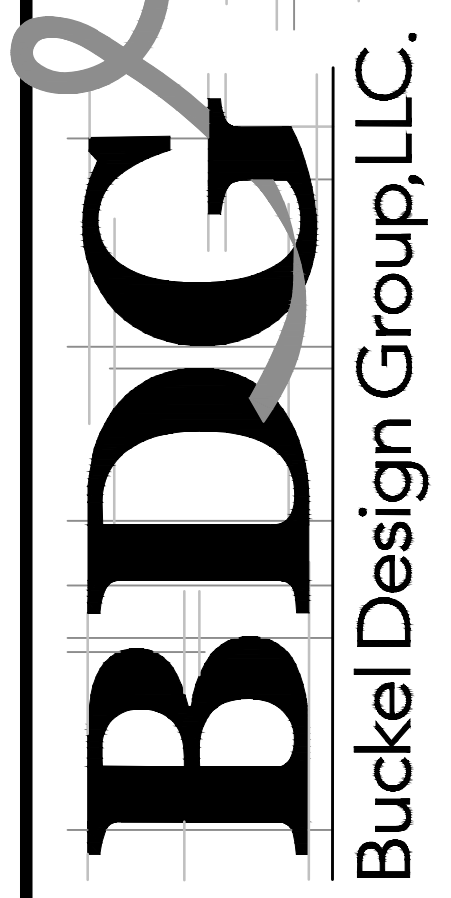
- SWSL/4" - SINGLE WHITE SOLID LINE / 4" WIDE
- SYSL/4" - SINGLE YELLOW SOLID LINE / 4" WIDE EACH
- DYSL/4" - DOUBLE YELLOW SOLID LINE / 4" WIDE EACH
- SYSL/10" - SINGLE YELLOW SOLID LINE / 10" WIDE
- SWDL/4" - SINGLE WHITE DASHED LINE / 4" WIDE
- SBYL/4" - SINGLE BROKEN YELLOW LINE / 4" WIDE
- SWSL/24" - SINGLE WHITE SOLID LINE / 24" WIDE



GDOT SITE PLAN



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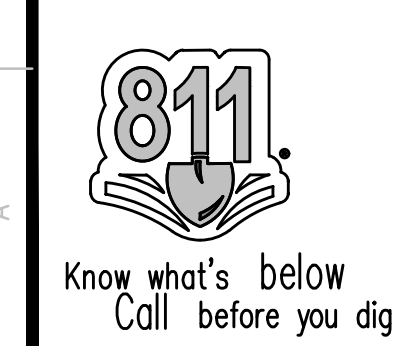
GSWCC # 7195

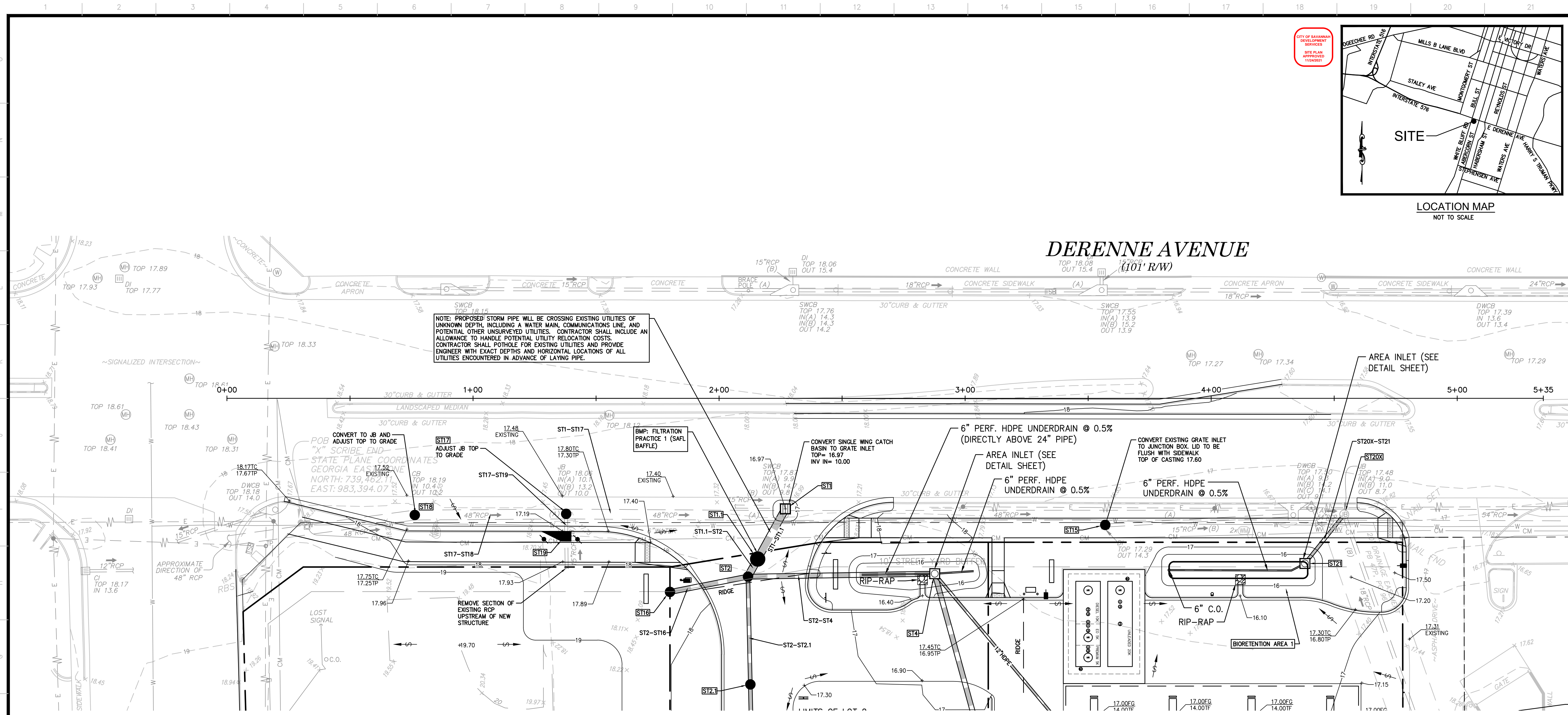
PROPOSED:
Parker's kitchen
SAVANNAH, GA 31405
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION 03, DRAINAGE CHANGES 11/16/21	JWC

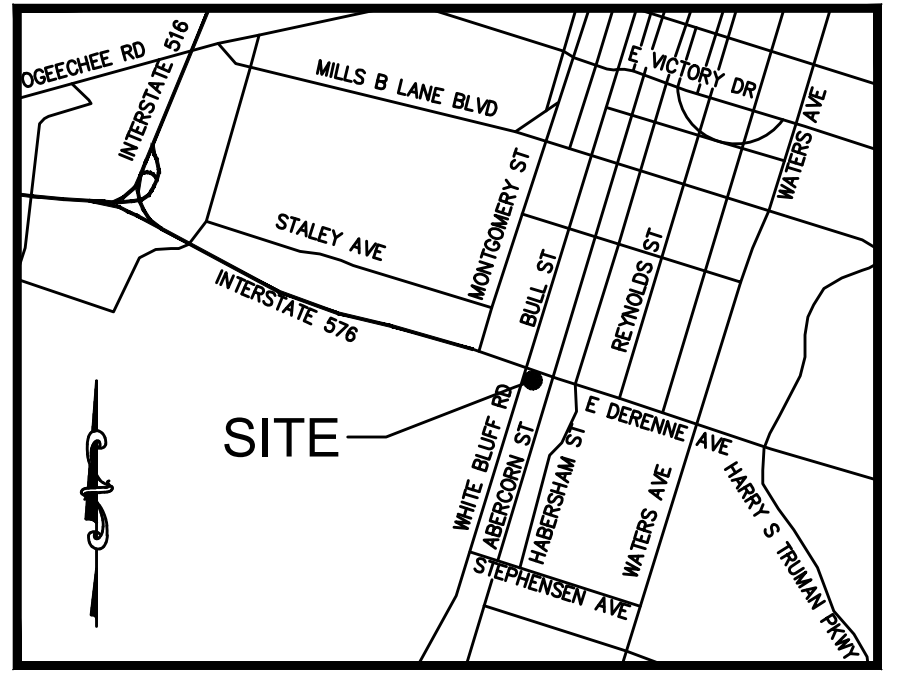
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ISSUED DATE 8/16/2021
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PROJECT NO. 19-180
FILE 19-180 Main

SHEET
RD-1



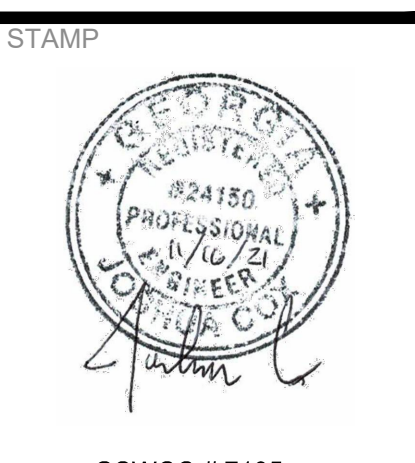


CITY OF SAVANNAH
DEVELOPMENT
SERVICES
SITE PLAN
APPROVED
11/04/2021



3471 DONAVILLE ST
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Buckel Design Group, LLC.



GSWCC # 7195

PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

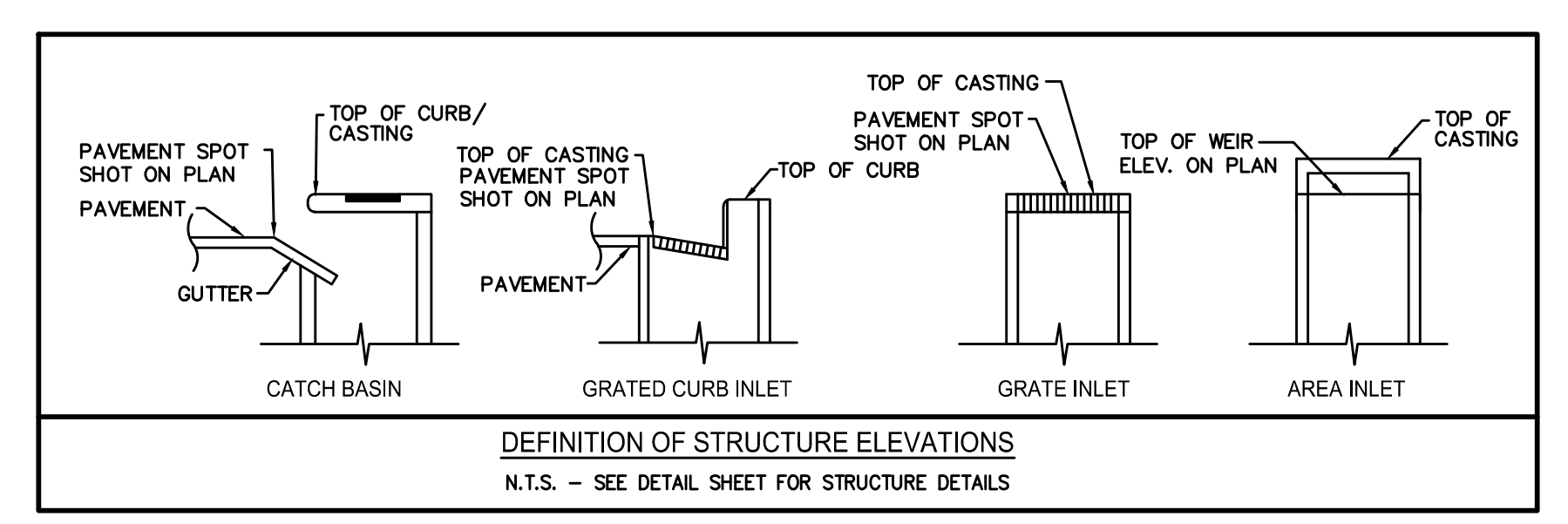
REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
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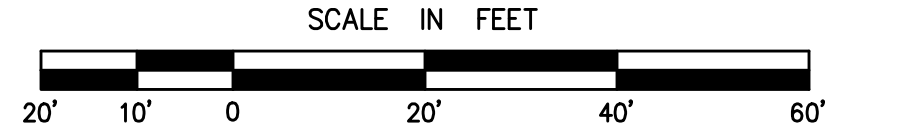
SHEET
RD-2

GRADING/DRAINAGE PLAN LEGEND

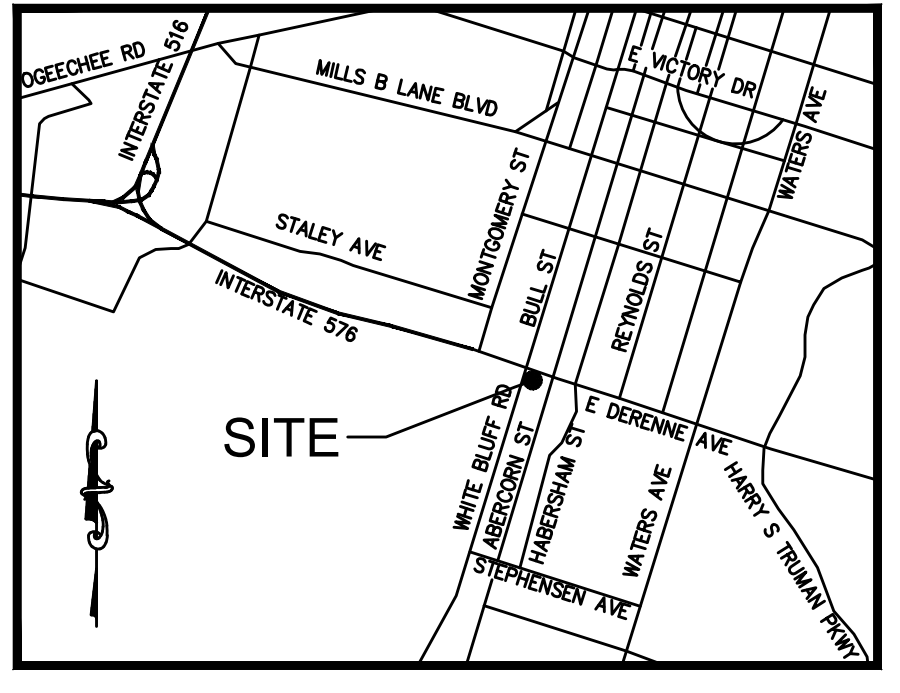
- STORM SEWER PIPING
- JUNCTION BOX/STORM MANHOLE
- [] DRAINAGE STRUCTURE INDICATOR
- ▲ DOUBLE WING CATCH BASIN
- ▲ SINGLE WING CATCH BASIN
- SLOPE ARROW
- CONCRETE FLUME
- CURB INLET (W/ NON-MOUNTABLE HOOD & GRATE)
- SINGLE GRATE INLET
- AREA INLET
- TC = TOP OF CURB
- TP = TOP OF PAVEMENT
- TF = TOP OF FOOTING
- FG = FINISHED GRADE



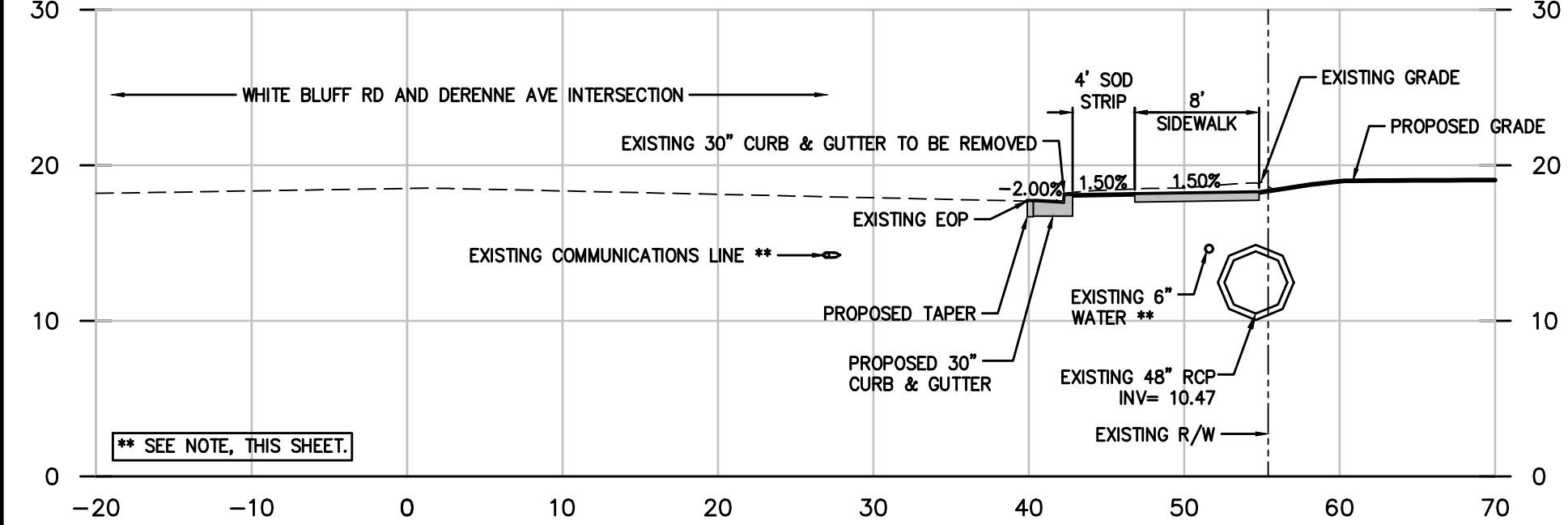
GDOT GRADING PLAN



1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21

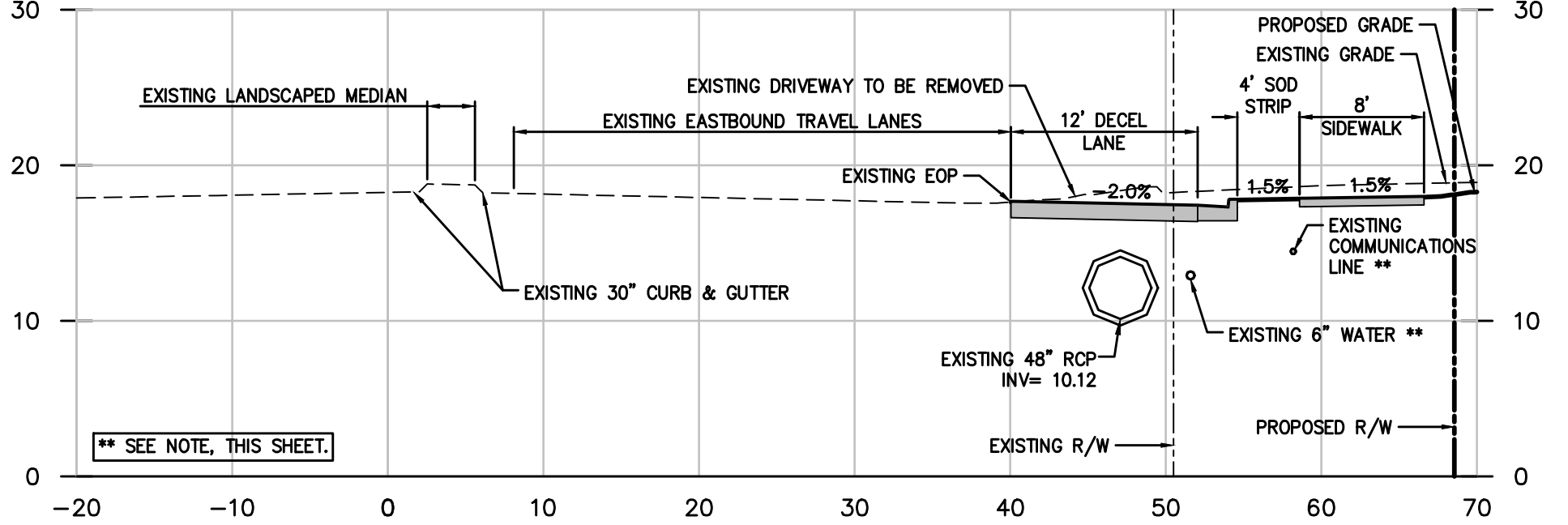


STA 0+25.00



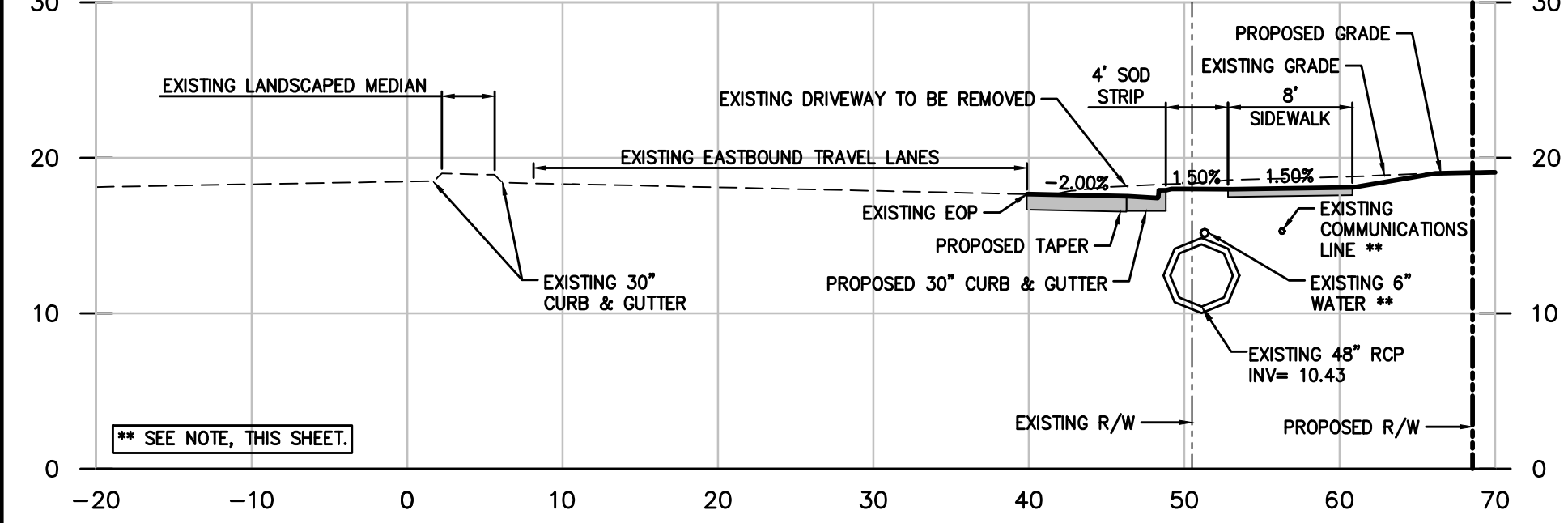
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STA 1+25.00



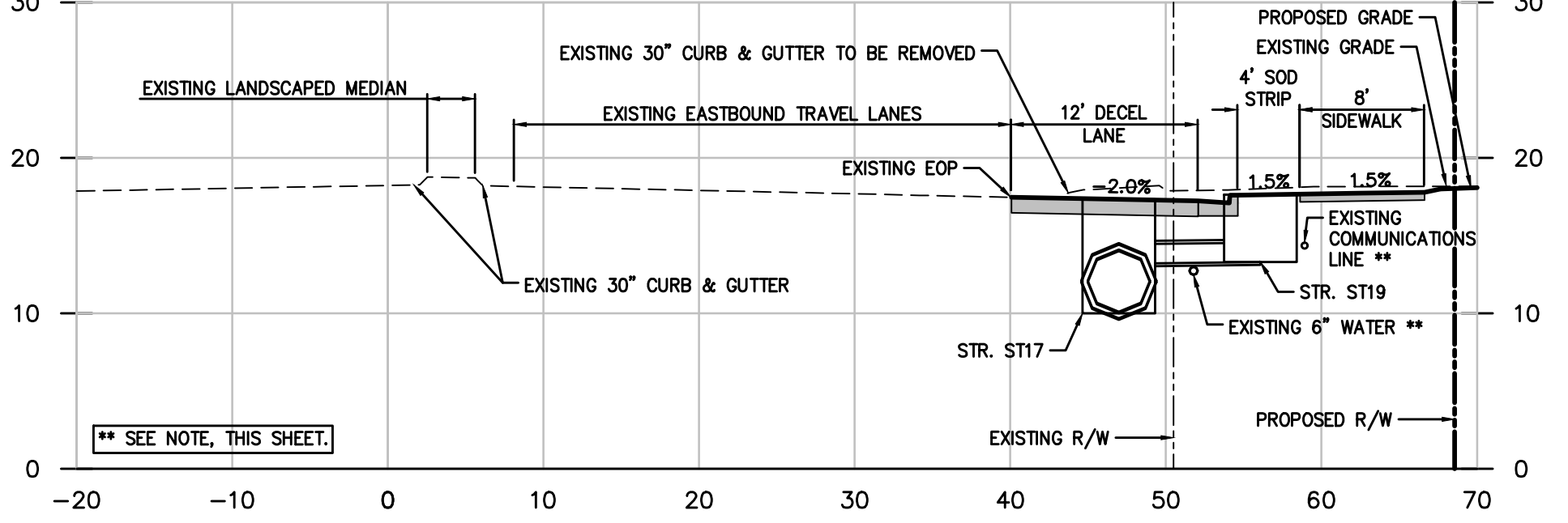
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STA 0+50.00



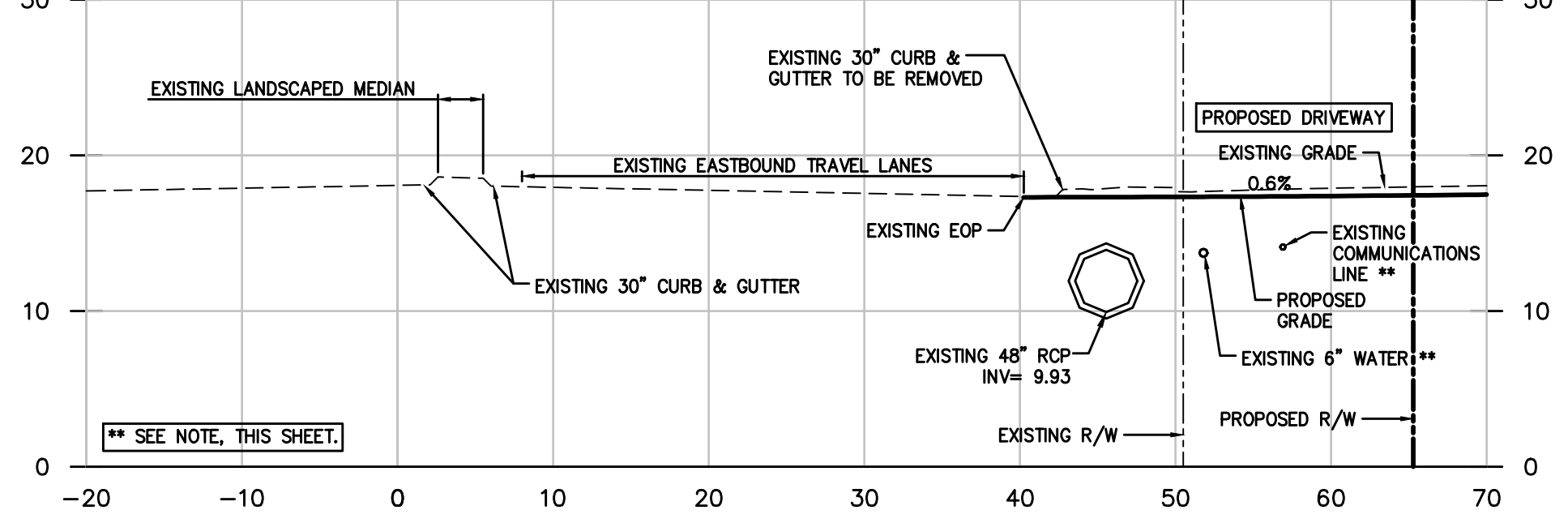
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STA 1+37.85



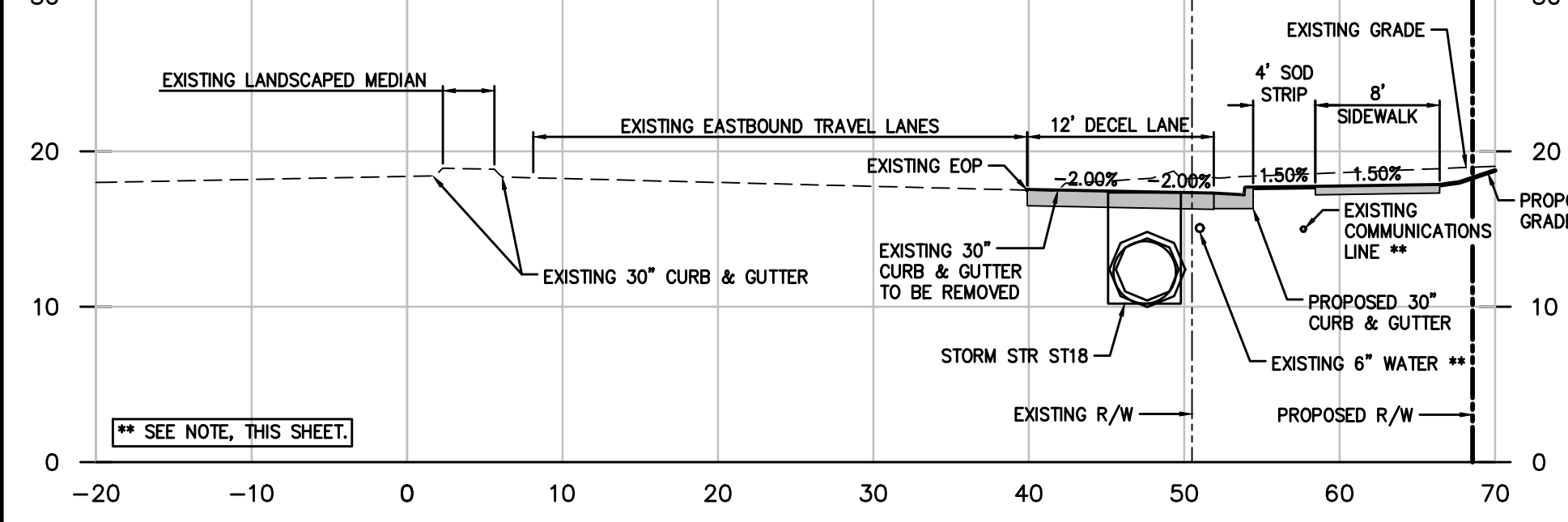
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STA 2+00.00



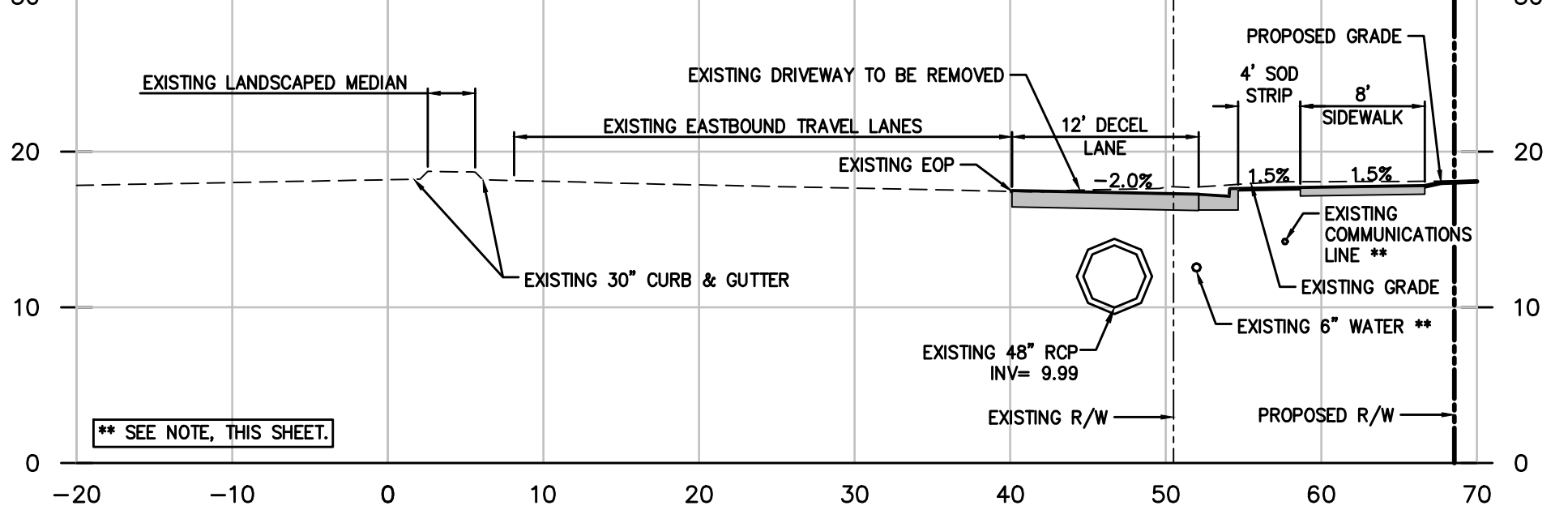
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STA 0+75.00



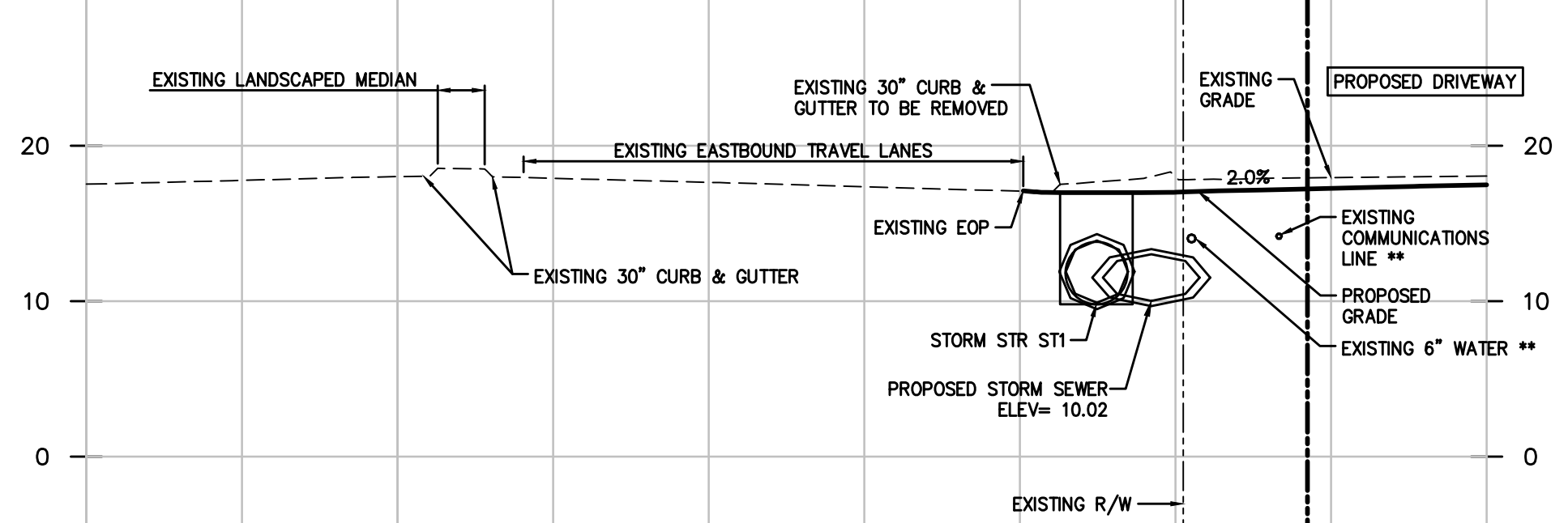
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STA 1+50.00



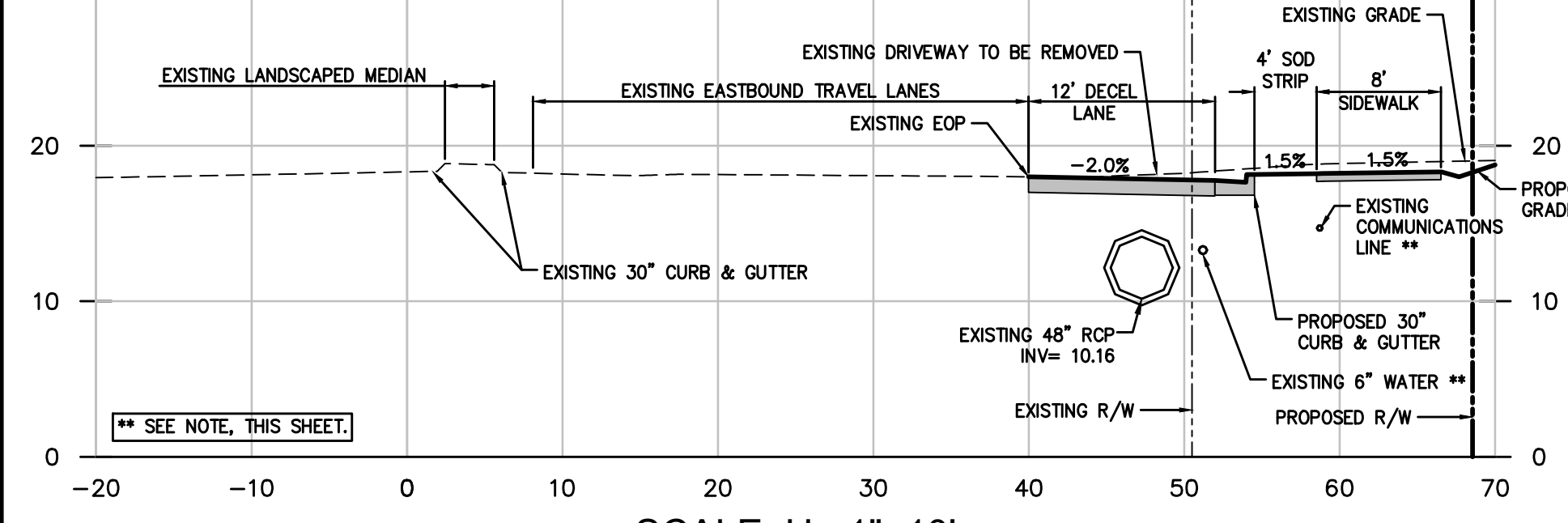
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STA 2+25.00



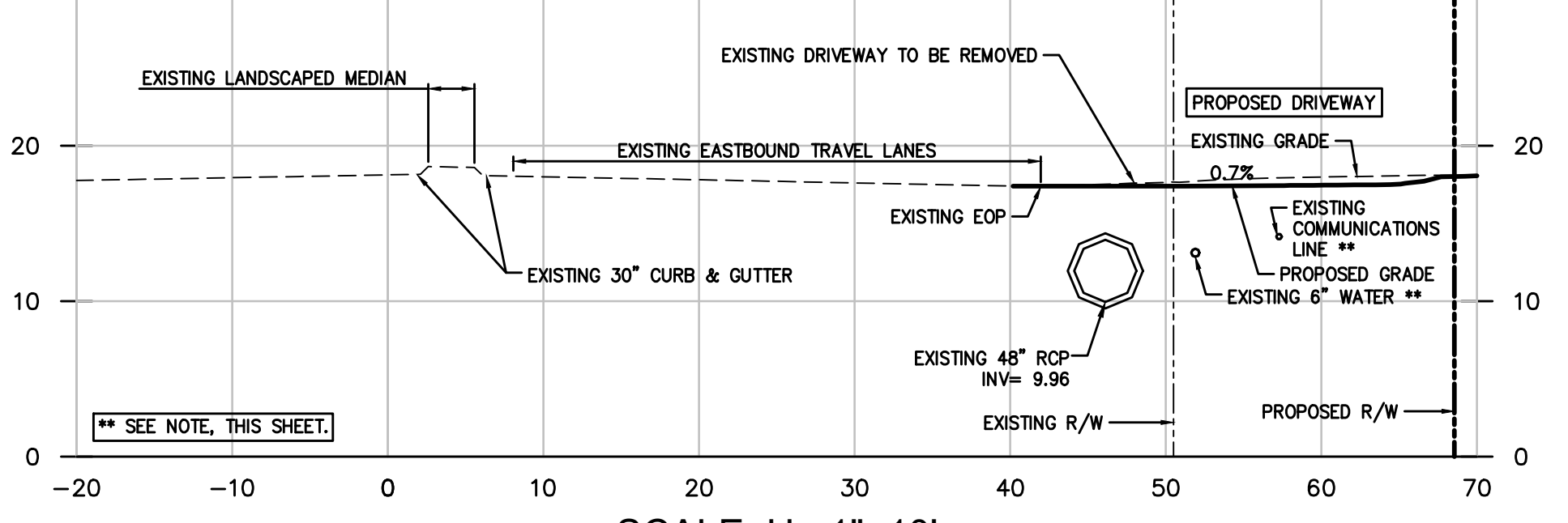
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STA 1+00.00



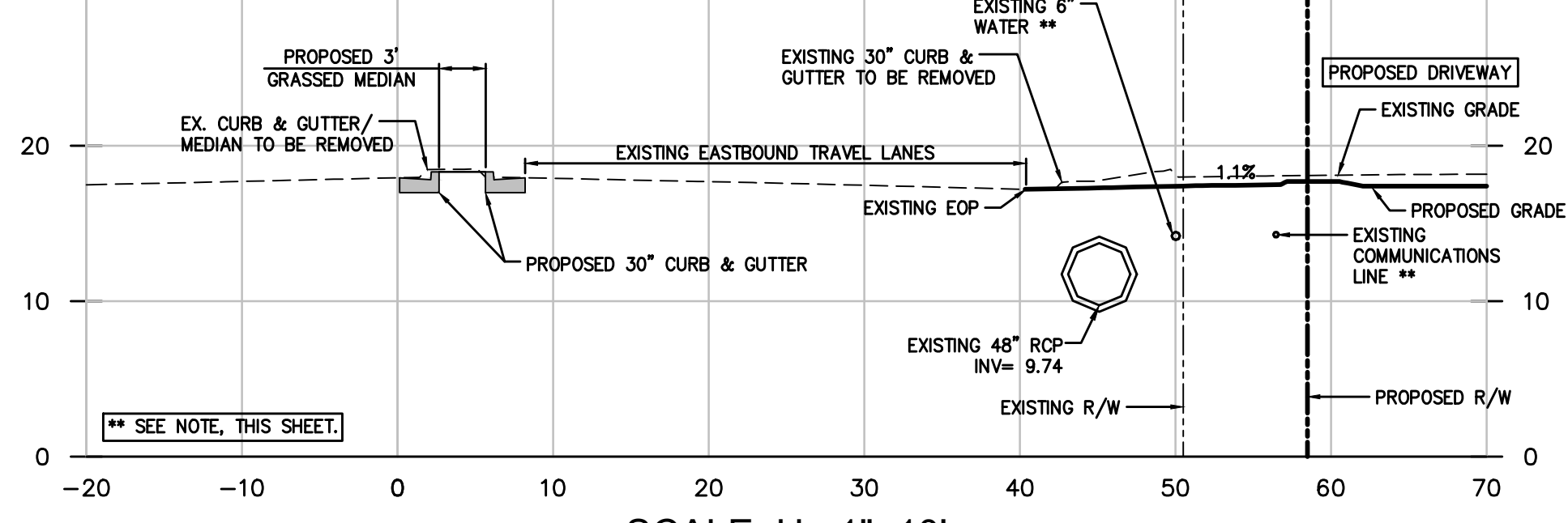
SCALE: H= 1"=10'
V= 1"=10'

STA 1+75.00



SCALE: H= 1"=10'
V= 1"=10'

STA 2+50.00



SCALE: H= 1"=10'
V= 1"=10'

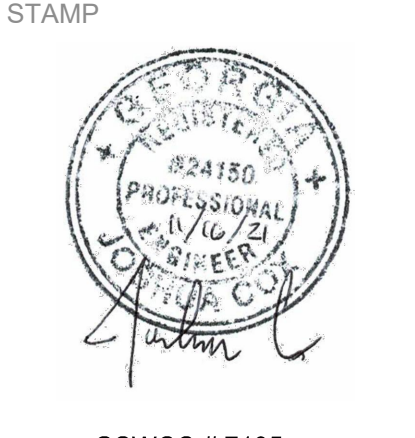
**** NOTE: EXISTING UTILITIES SHOWN WITHIN CROSS SECTIONS REFLECT THE HORIZONTAL POSITIONS AS LOCATED ON SURVEY. UNLESS OTHERWISE NOTED, THE VERTICAL DEPTHS OF THE EXISTING UTILITIES (WATER LINE, COMMUNICATIONS LINE, ETC.) ARE ASSUMED AND NOT VERIFIED. CONTRACTOR SHALL POTHOLE UTILITIES WITHIN PROPOSED RIGHT-TURN/DECEL LANE PRIOR TO CONSTRUCTION. SURVEYED DEPTHS SHALL BE PROVIDED TO BDG TO ASSESS WHETHER UTILITIES NEED TO BE RELOCATED.**

DERENNE AVE CROSS SECTIONS

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Buckel Design Group, LLC.



GSWCC # 7195

PROPOSED:
Parkers Kitchen
SAVANNAH, GA 31405

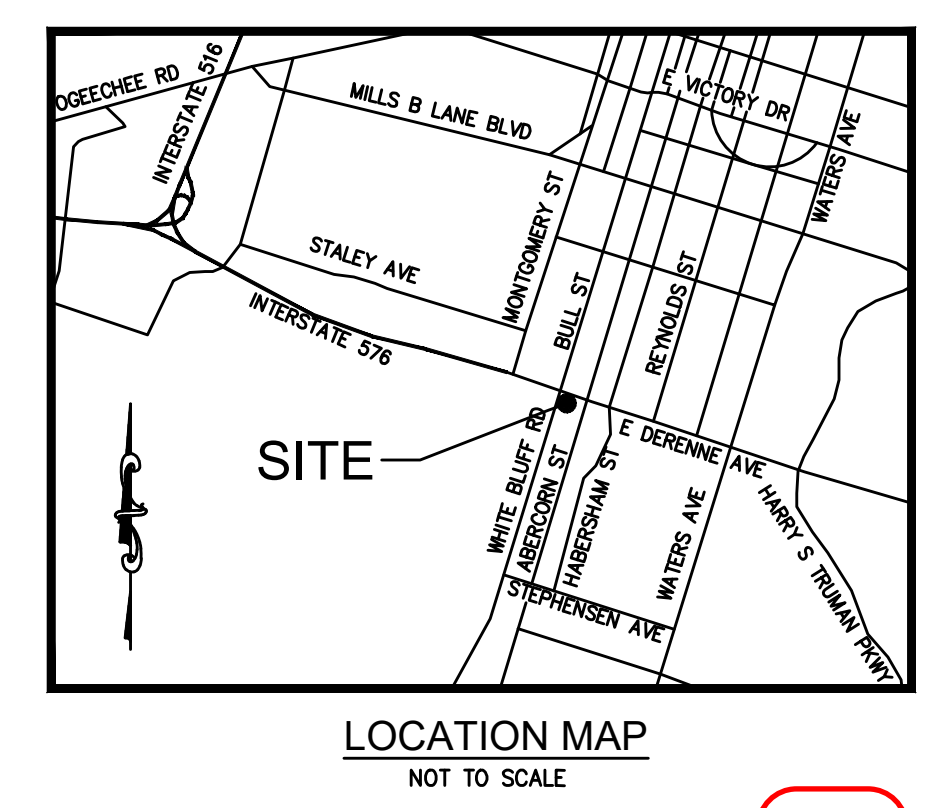
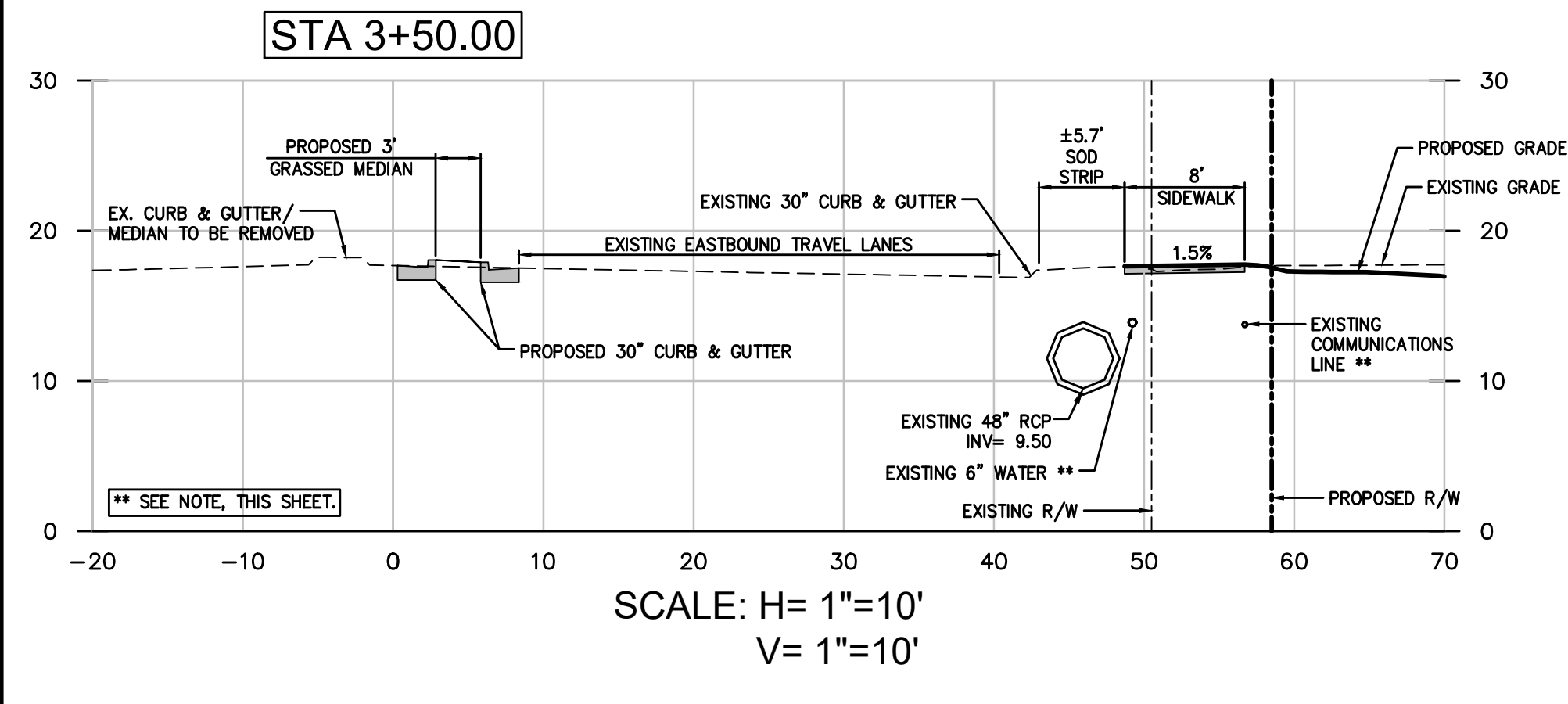
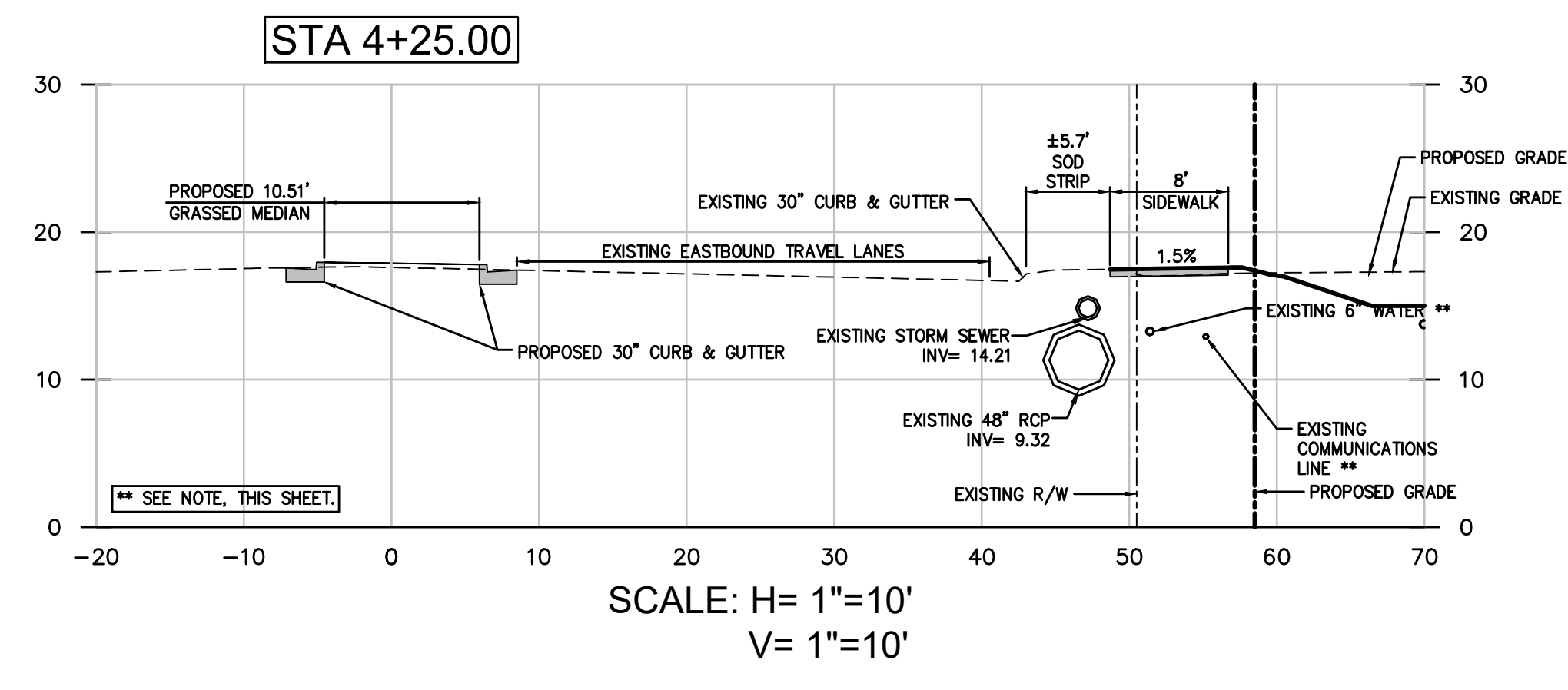
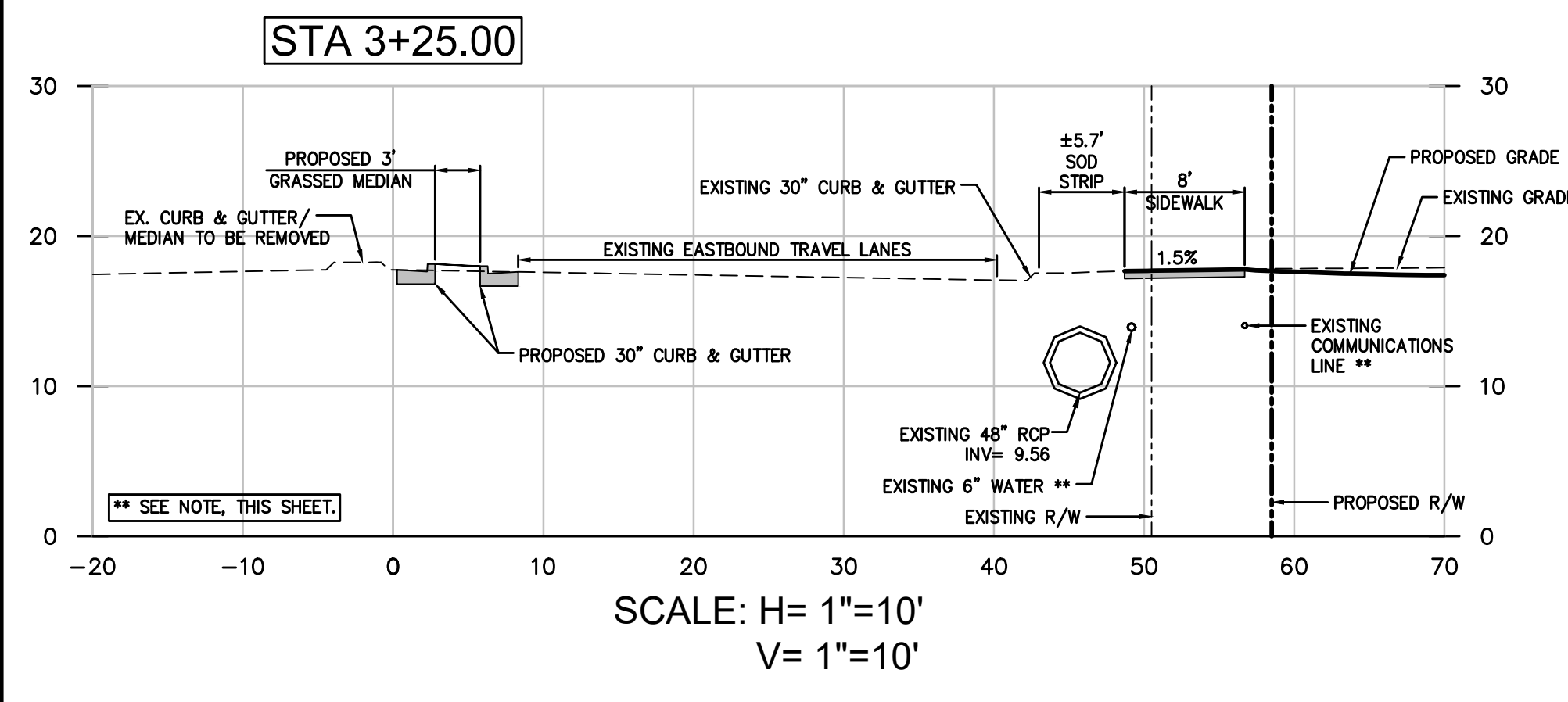
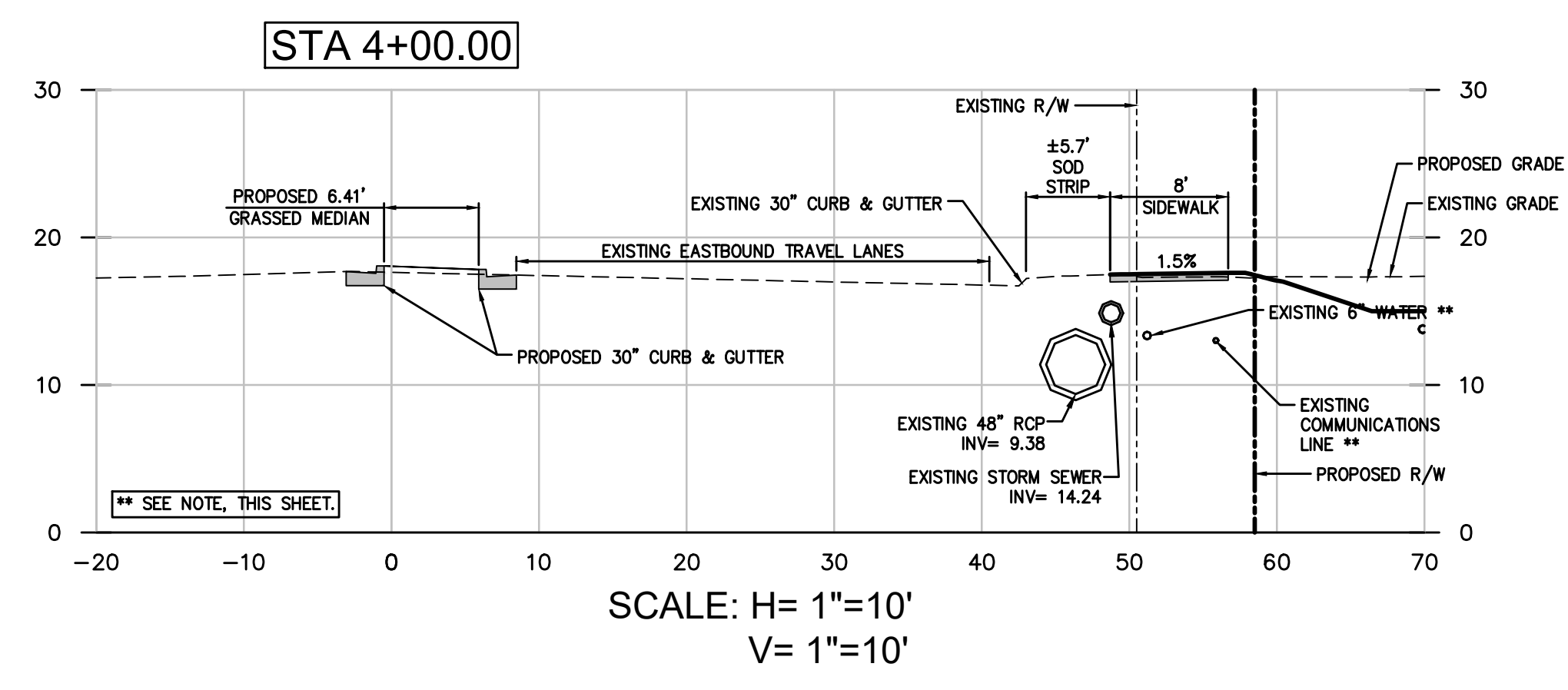
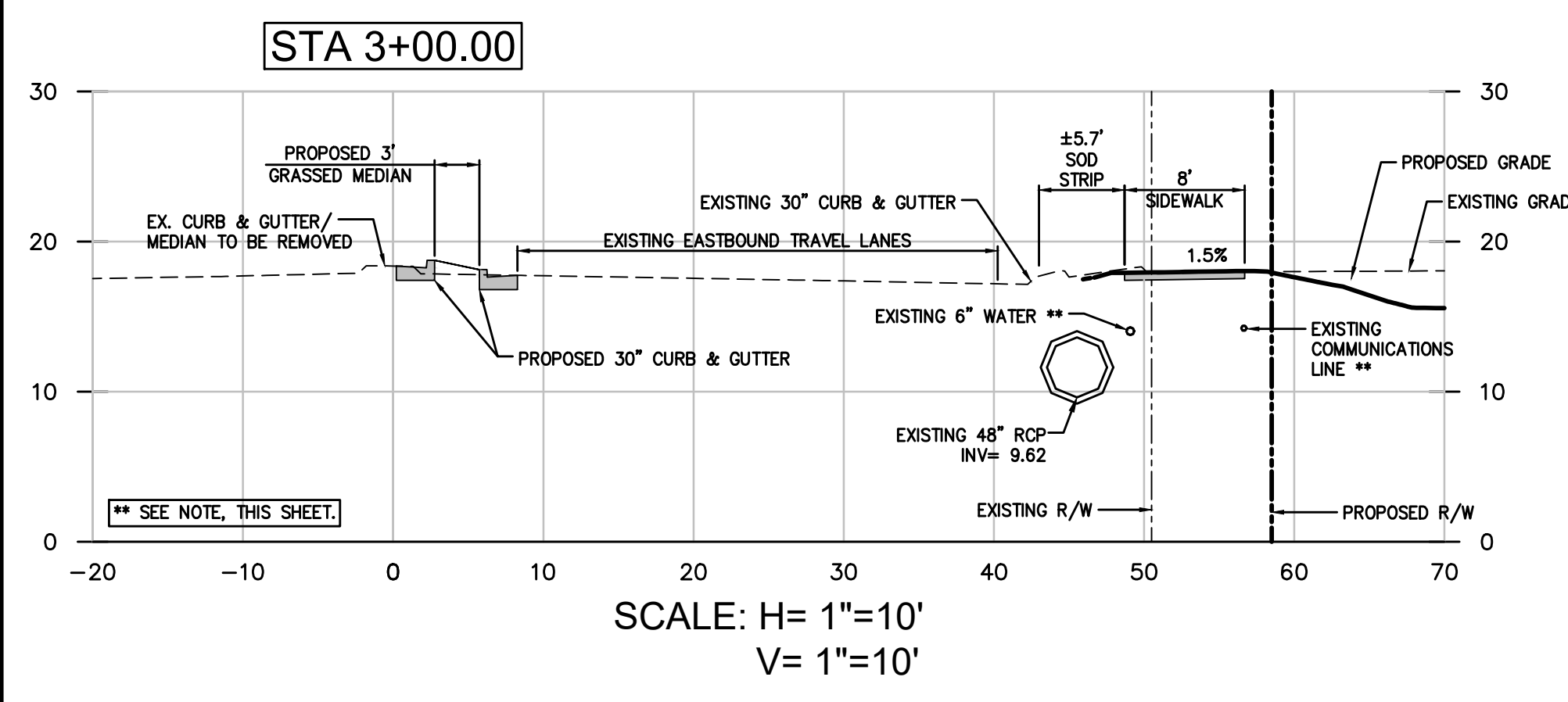
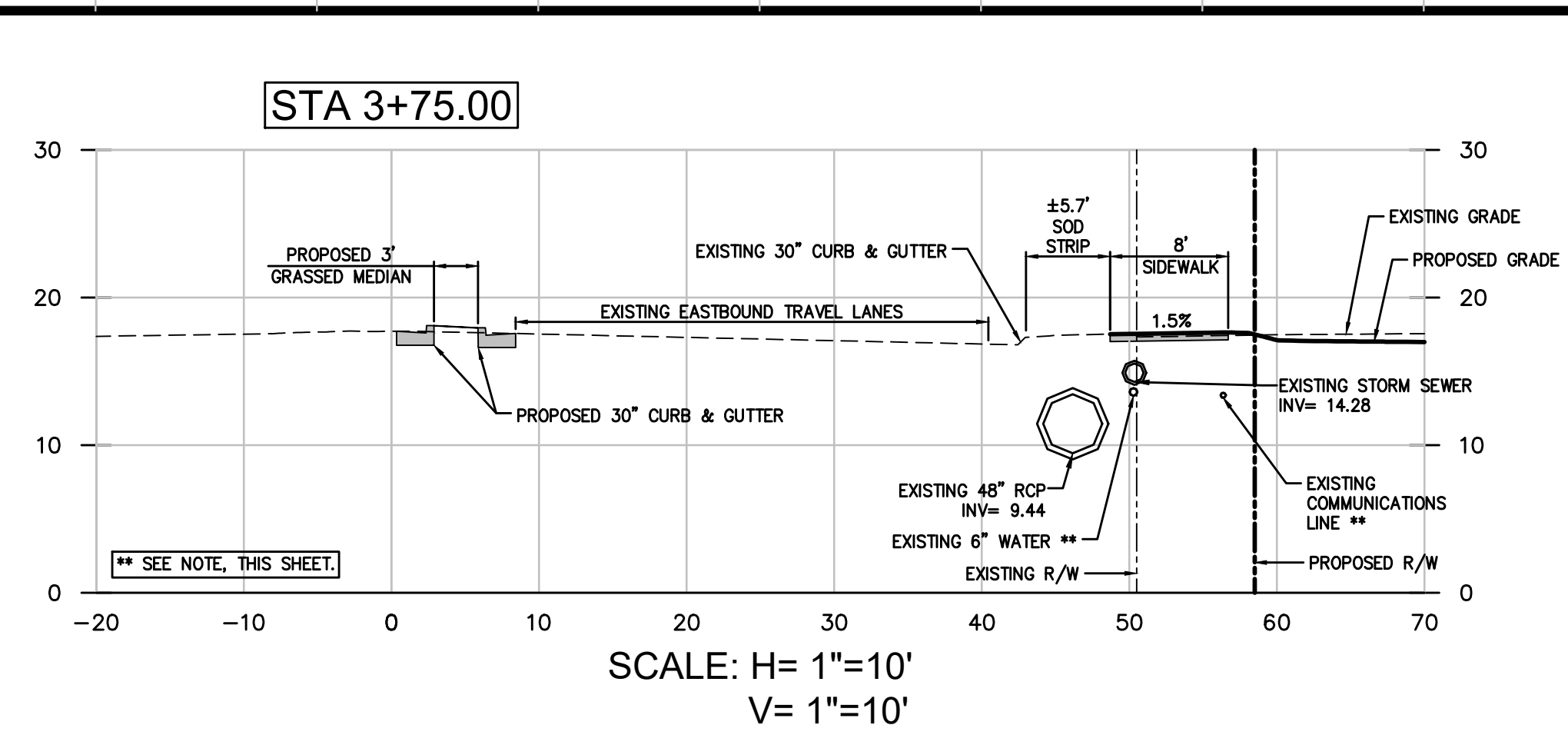
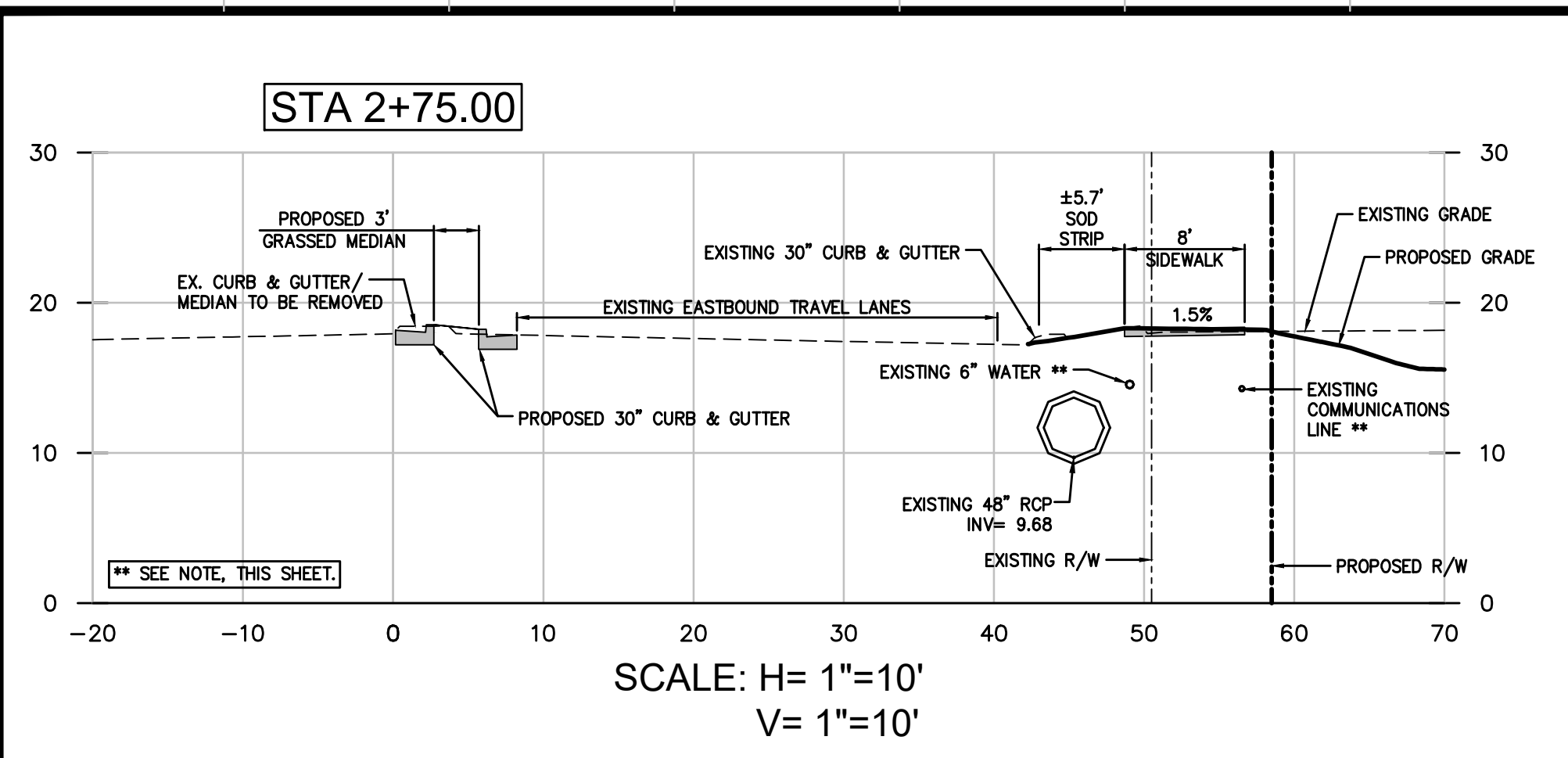
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
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SHEET
RD-3





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WWW.BDGE.COM

BDG
Buckel Design Group, LLC.



GSWCC # 7195

PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN
SC

CHECKED
JWC

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8/18/2021

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CONSTRUCTION

PROJECT NO.
19-180

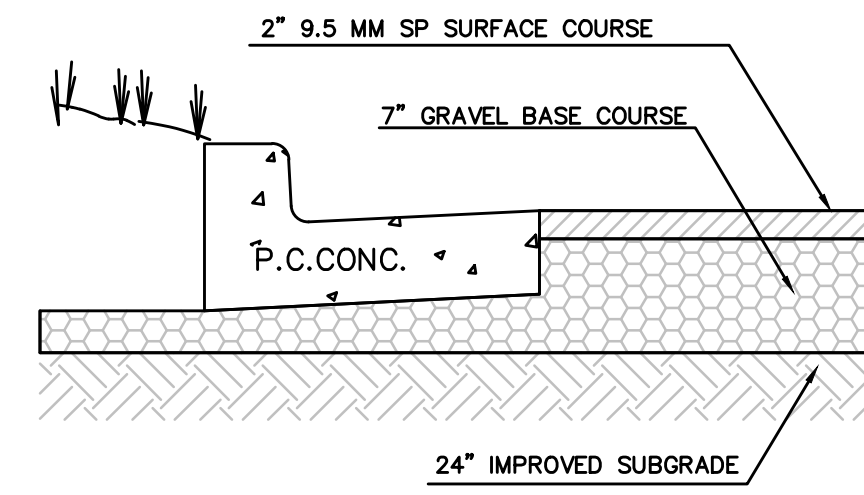
FILE
19-180 Main

SHEET
RD-4

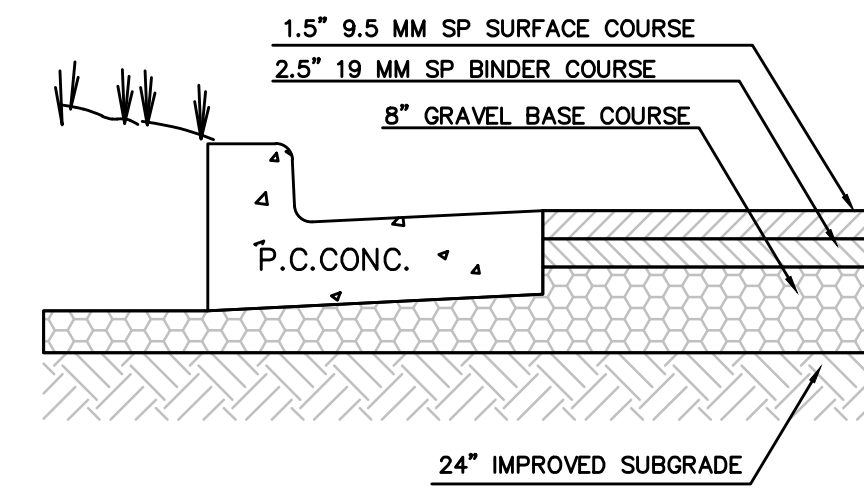
DERENNE AVE CROSS SECTIONS

** NOTE: EXISTING UTILITIES SHOWN WITHIN CROSS SECTIONS REFLECT THE HORIZONTAL POSITIONS AS LOCATED ON SURVEY. UNLESS OTHERWISE NOTED, THE VERTICAL DEPTHS OF THE EXISTING UTILITIES (WATER LINE, COMMUNICATIONS LINE, ETC.) ARE ASSUMED AND NOT VERIFIED. CONTRACTOR SHALL POTHOLE UTILITIES WITHIN PROPOSED RIGHT-TURN/DECEL LANE PRIOR TO CONSTRUCTION. SURVEYED DEPTHS SHALL BE PROVIDED TO BDG TO ASSESS WHETHER UTILITIES NEED TO BE RELOCATED.

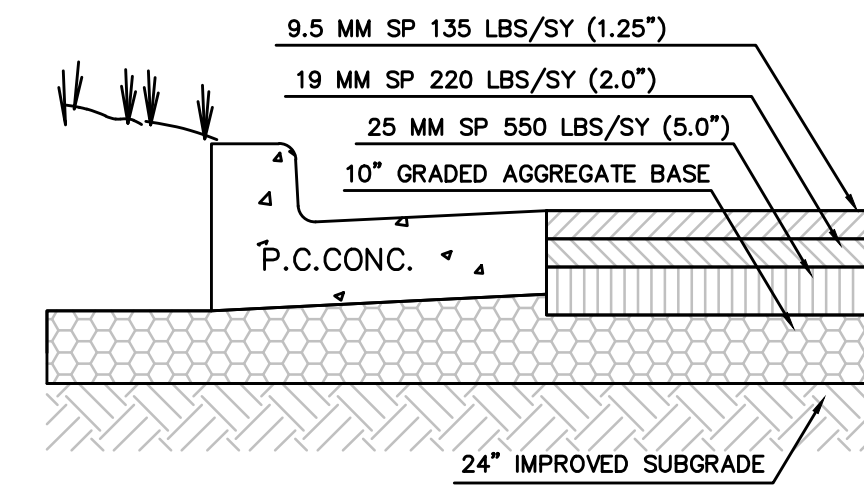




STANDARD DUTY ASPHALT PAVING



HEAVY DUTY ASPHALT PAVING



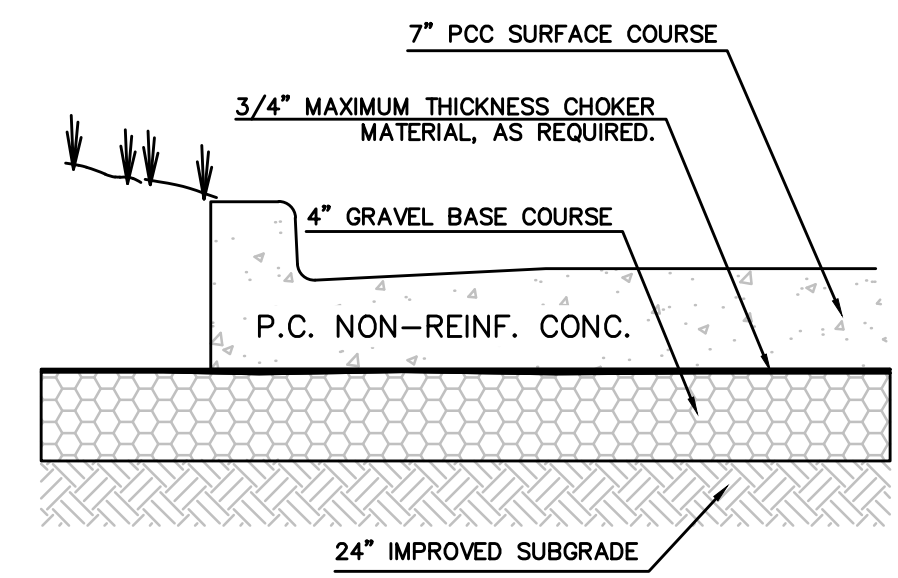
PUBLIC ROADWAY (DERENNE AVE/73rd ST.) ASPHALTIC PAVEMENT

GENERAL NOTES

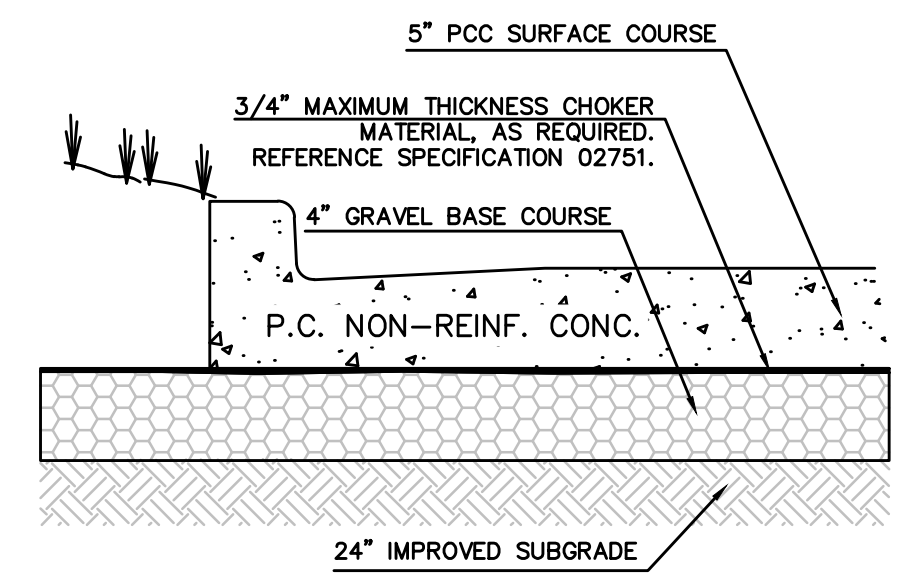
- FOR PREPARATION OF PAVEMENT SUBGRADE, FILL PLACED WITHIN 24 INCHES OF FINISHED SUBGRADE ELEVATION IN FILL AREAS AND AT LEAST THE UPPER 12 INCHES OF SUBGRADE IN CUT AREAS TO BE PAVED SHALL BE COMPACTED TO AT LEAST 98% OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DRY DENSITY (ASTM D-998). FILL PLACED BELOW 24 INCHES SHALL BE COMPACTED TO AT LEAST 95% OF THE MATERIAL'S MAXIMUM STANDARD PROCTOR DENSITY.
- AFTER PROFFROLLING WITH A LOADED TANDEM AXLE DUMP TRUCK AND REPAIRING DEEP SUBGRADE DEFICIENCIES, THE ENTIRE SUBGRADE SHALL BE SCRAPPED TO A DEPTH OF 12 INCHES AND UNIFORMLY COMPACTED TO AT LEAST 98% OF STANDARD PROCTOR.
- GRAVEL BASE COURSE AGGREGATES SHALL CONFORM TO THE REQUIREMENTS OF SECTION 815 (PAGE 969) OF THE STATE OF GEORGIA "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", 2001 EDITION. COMPACTION OF GRAVEL BASE COURSE SHALL CONFORM TO REQUIREMENTS OF SECTION 310 (PAGE 226).
- ASPHALTIC WEARING AND BINDER COURSE MIXTURES SHALL BE IN ACCORDANCE WITH STATE OF GEORGIA "GUIDELINES FOR SUPERPAVE AND OTHER MIX TYPE SOLUTIONS" DATED JANUARY 30, 2002, AND STATE OF GEORGIA STANDARD SPECIFICATIONS CONSTRUCTION OF TRANSPORTATION SYSTEM, 2001 EDITION.
- THE PORTLAND CEMENT CONCRETE PAVEMENT MIXTURE SHALL BE IN ACCORDANCE WITH AIR-ENTRAINED CONCRETE FOR PAVEMENT SECTION 430 (PAGE 294) OF THE STATE OF GEORGIA "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", 2001 EDITION. THE MIXTURE SHALL BE DESIGNED TO DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS WITH A 4 INCH MAXIMUM SLUMP AND 5 TO 7% ENTRAINED AIR.
- CONTRACTOR SHALL PROVIDE A PRIME COAT AND TACK COAT TO CURB WHERE CURB CONTACTS ASPHALT.
- PAVEMENT DESIGN WAS PREPARED BY TERRACON CONSULTANTS, INC. PER GEOTECHNICAL REPORT PROJECT #S205010 DATED 9/14/20. FURTHER DETAILS ON PREPARATION AND COMPACTION CAN BE FOUND IN THEIR REPORT.
- PAVEMENT DESIGN BASE ON CBR 8.
- CONTRACTOR IS REQUIRED TO SUBMIT MIX DESIGNS TO ENGINEER FOR APPROVAL PRIOR TO PAVING OPERATIONS.

CONCRETE PAVEMENT GENERAL NOTES:

- ALL CONSTRUCTION METHODS AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF ROADS AND BRIDGES", DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, CONSTRUCTION OF ROADS AND BRIDGES, 2001 EDITION.
- THE APPLICABLE GEORGIA DOT SPECIFICATIONS FOR THE MATERIALS AND METHODS USED ARE AS FOLLOWS: GRAVEL AGGREGATE BASE - SEC. 815/PG. 969 PORTLAND CEMENT CONCRETE - SEC. 430/PG. 294.
- PORTLAND CEMENT CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4000 PSI WITH A MODULES OF RUPTURE OF 630 PSI OR MORE.
- SAW CUT CONTRACTION JOINTS SHOULD BE SPACED AT 12' O.C. MAXIMUM EACH WAY. JOINTS SHOULD EXTEND TO A DEPTH OF 1.5" INTO THE SLAB. ISOLATION JOINTS SHOULD BE USED WHERE PAVEMENT ABUTS DRAINAGE STRUCTURES AND BUILDINGS.
- CONSTRUCTION JOINTS SHALL BE UNDERLAIN BY A NON-WOVEN GEOTEXTILE (APPROX. 2' WIDE) TO PREVENT UPWARD PUMPING OF SOIL FINES THROUGH THE JOINTS.

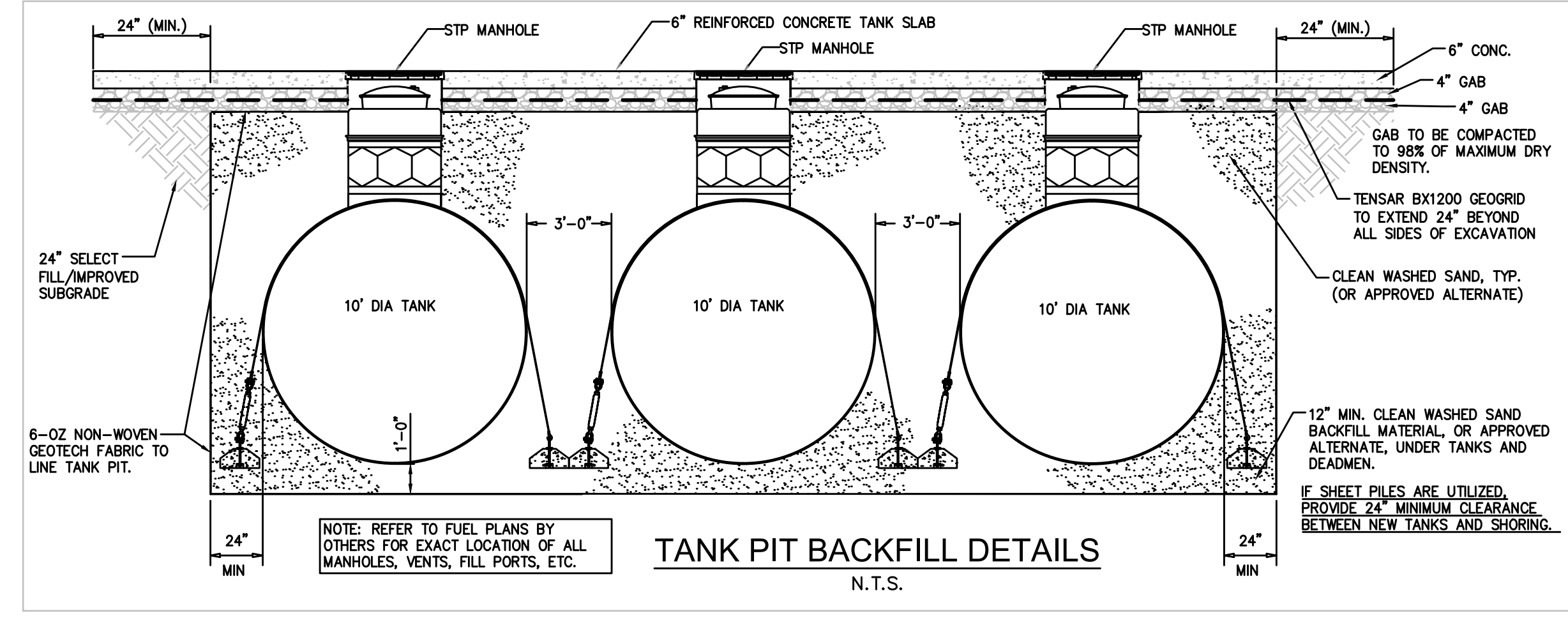


HEAVY DUTY CONCRETE PAVING

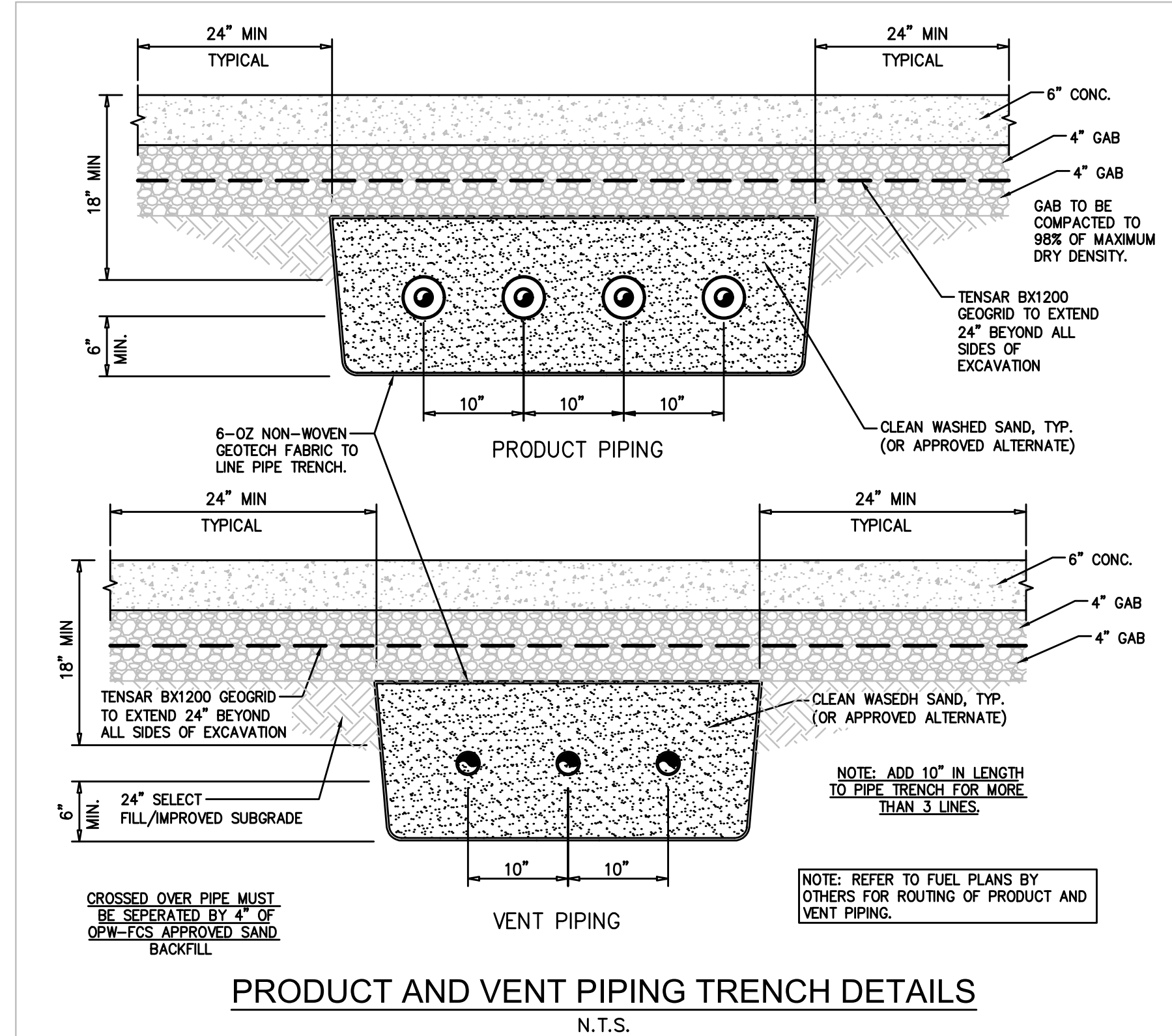


STANDARD DUTY CONCRETE PAVING

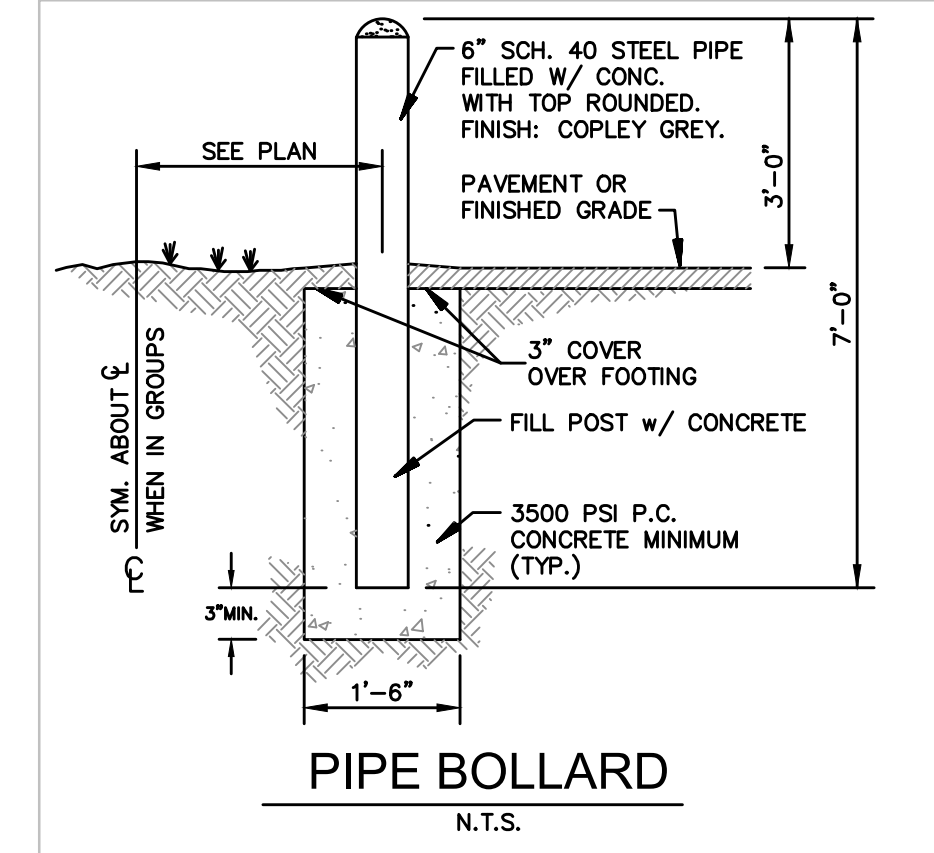
ON-SITE PAVING DETAILS
N.T.S.



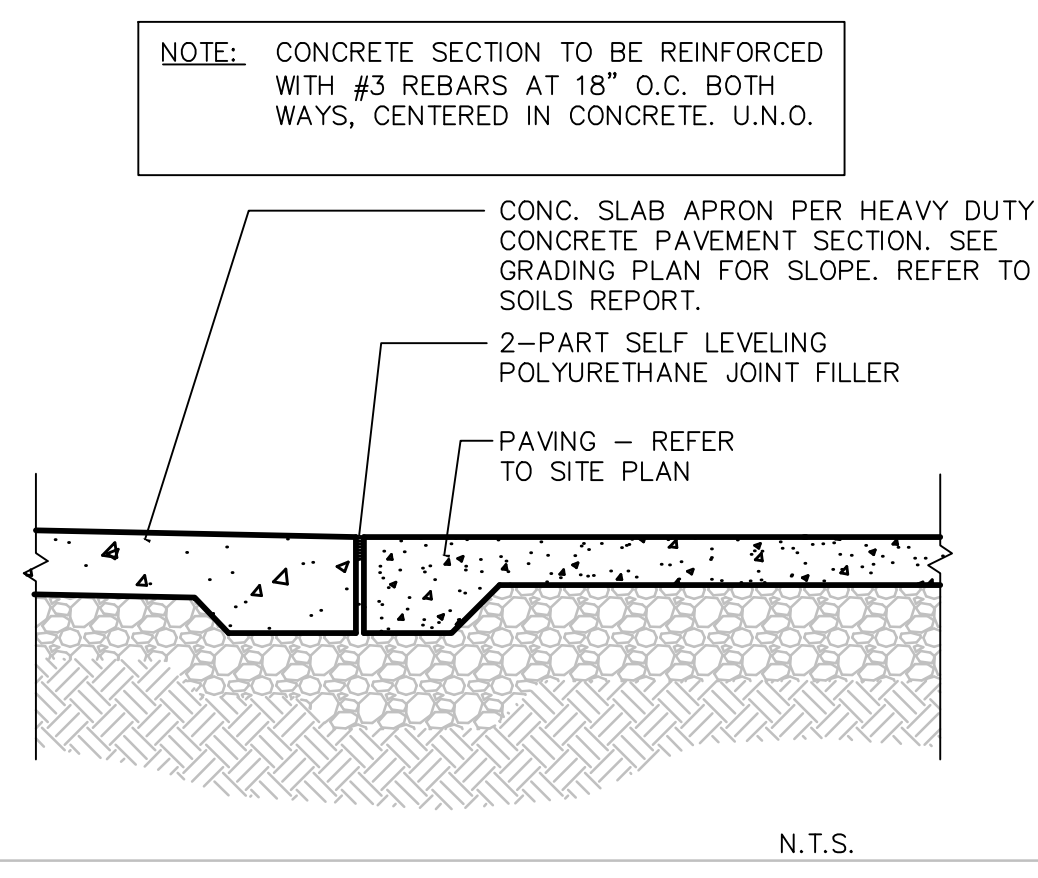
TANK PIT BACKFILL DETAILS
N.T.S.



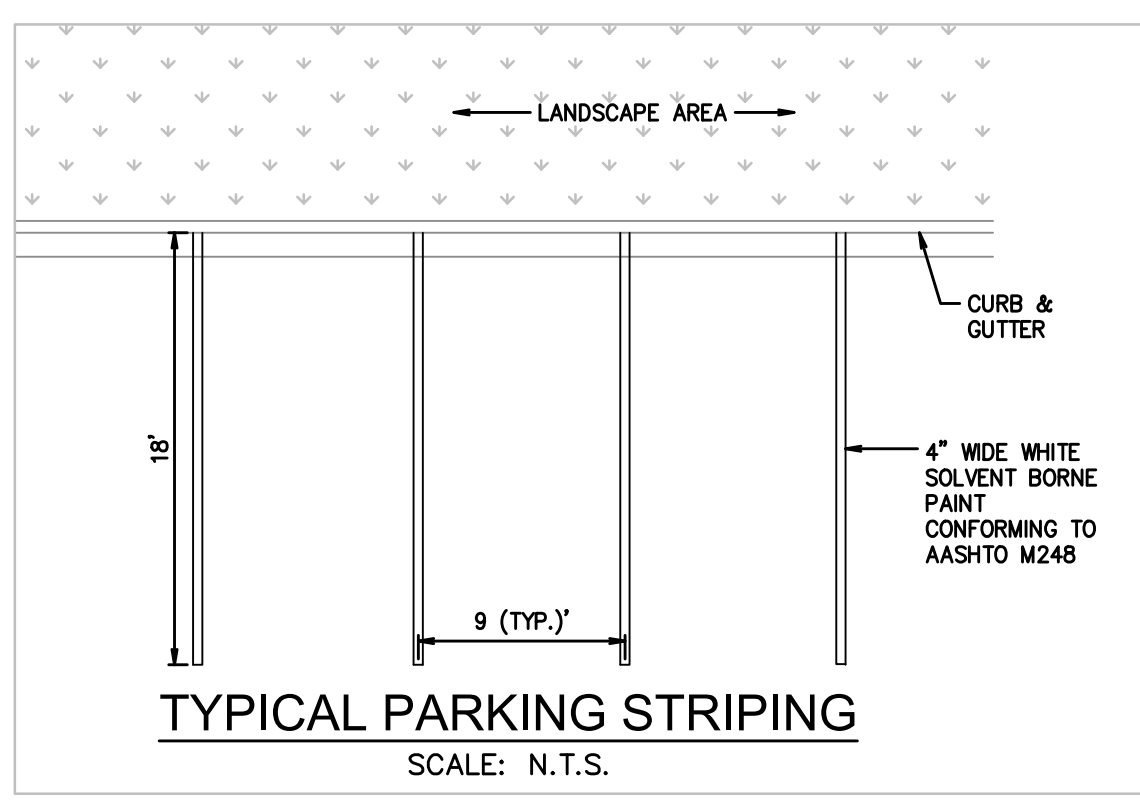
PRODUCT AND VENT PIPING TRENCH DETAILS
N.T.S.



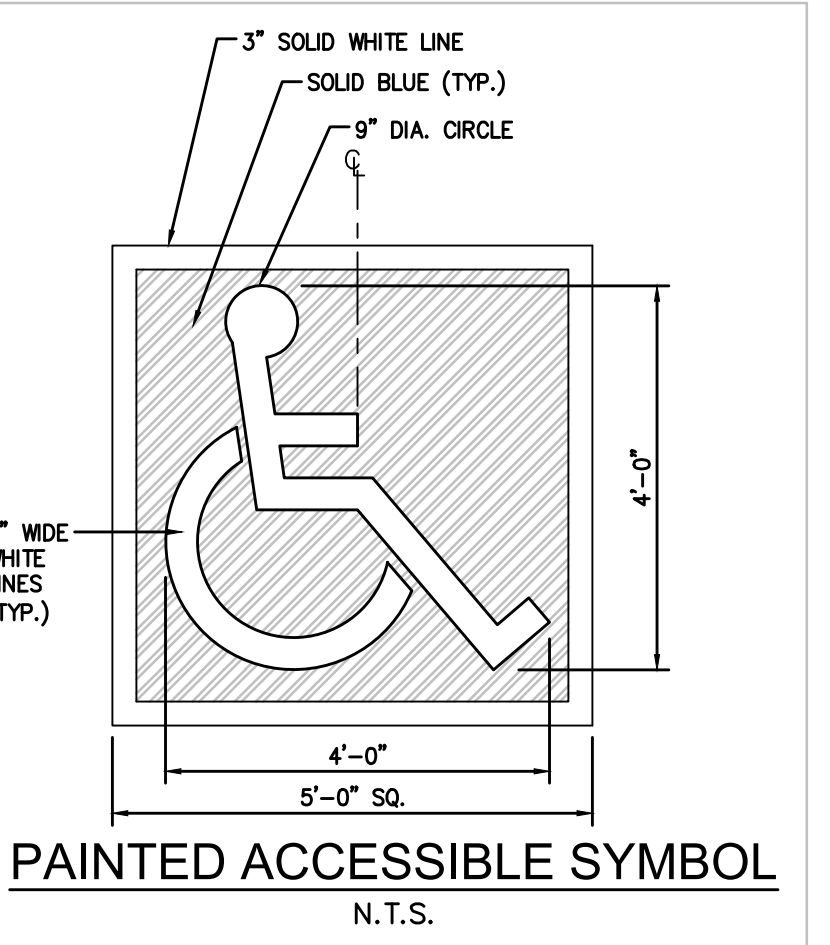
PIPE BOLLARD
N.T.S.



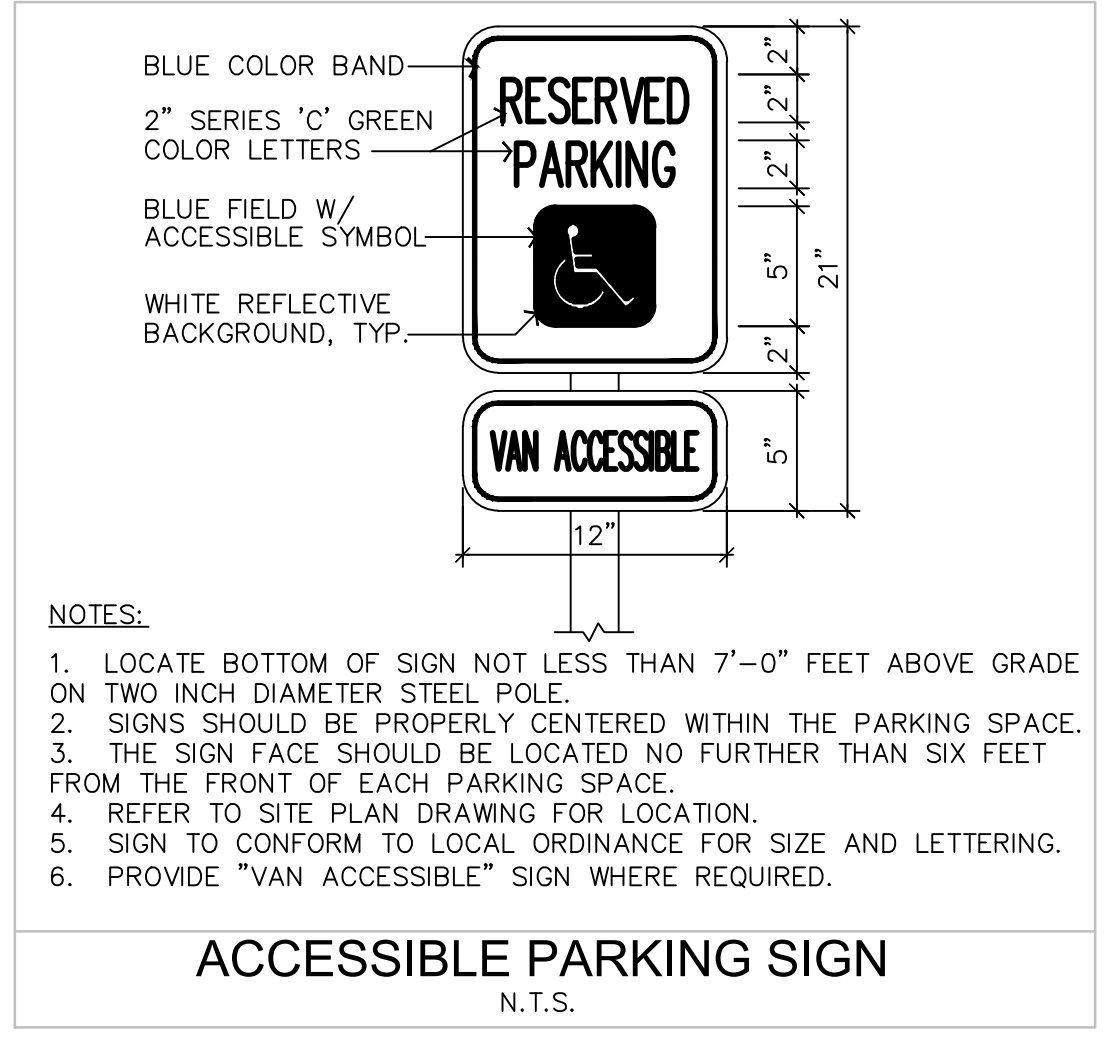
CONCRETE APRON
N.T.S.



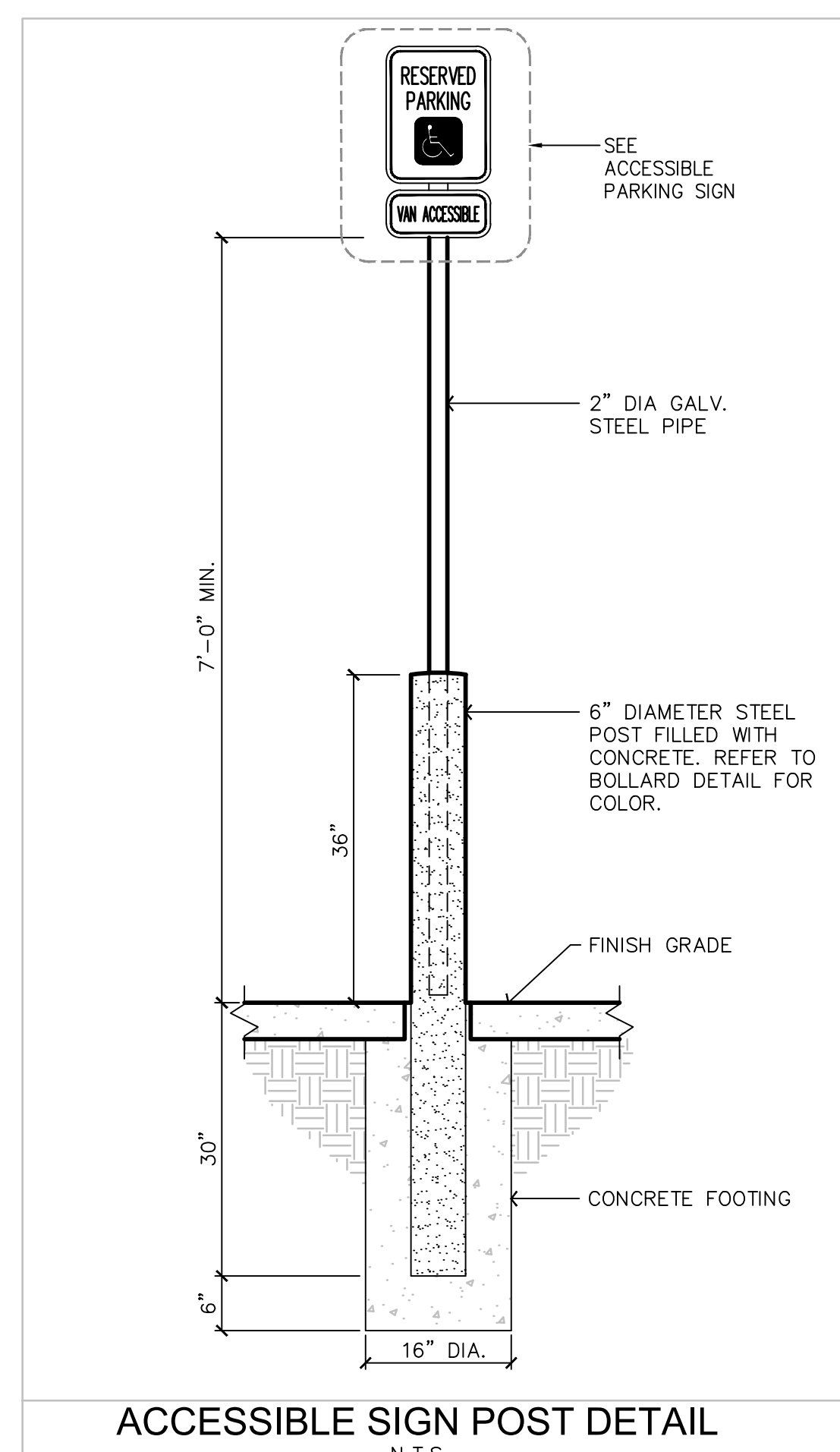
TYPICAL PARKING STRIPING
SCALE: N.T.S.



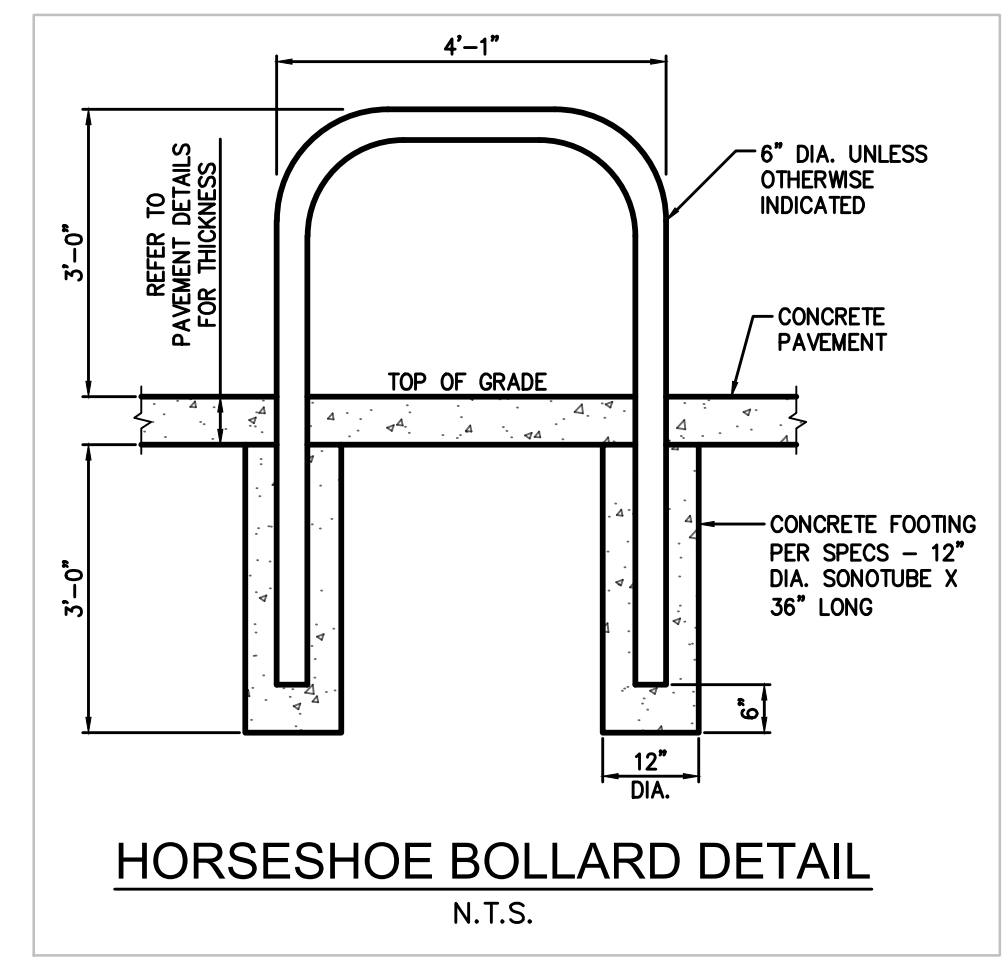
PAINTED ACCESSIBLE SYMBOL
N.T.S.



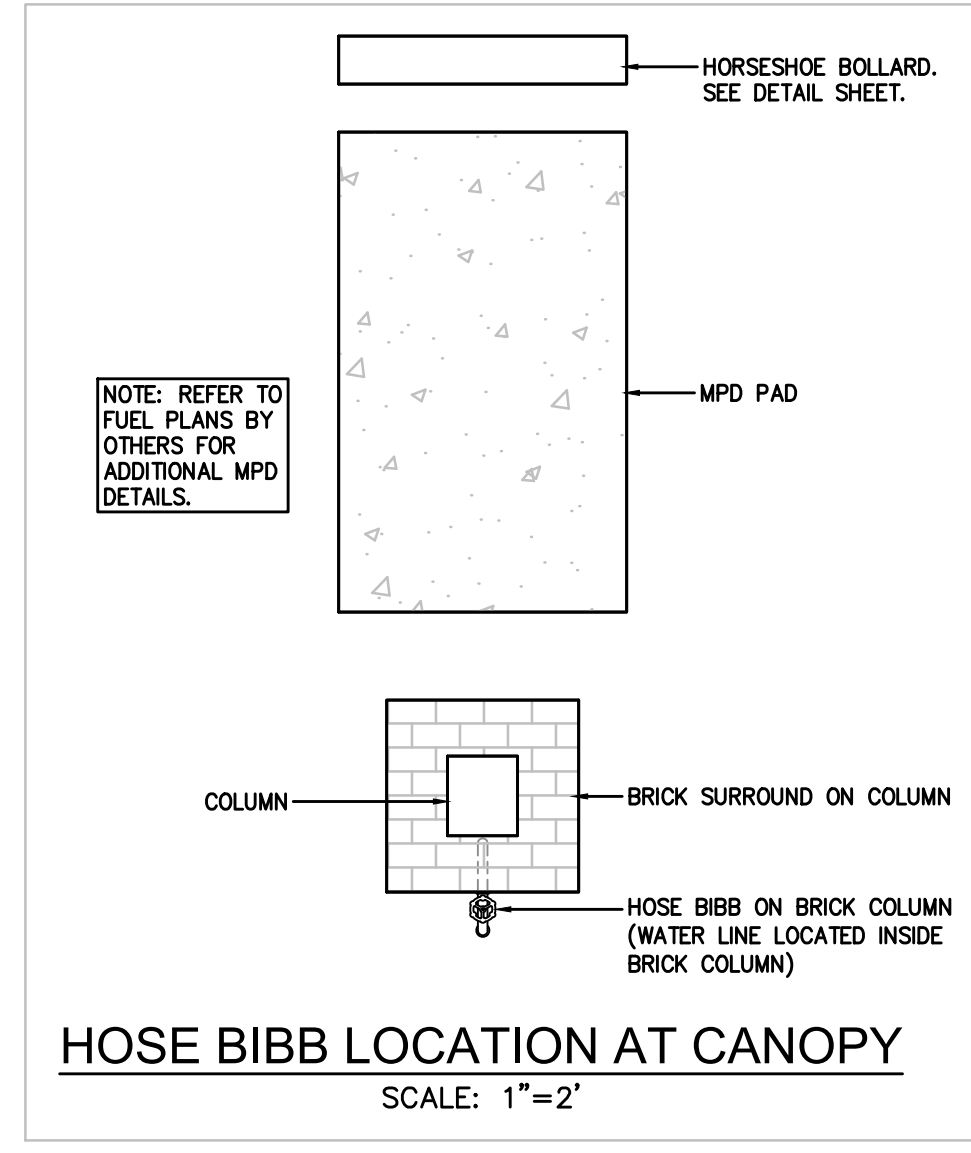
ACCESSIBLE PARKING SIGN
N.T.S.



ACCESSIBLE SIGN POST DETAIL
N.T.S.



HORSESHOE BOLLARD DETAIL
N.T.S.



HOSE BIBB LOCATION AT CANOPY
SCALE: 1"=2'

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGE.COM

BDG
Bucket Design Group, LLC.

STAMP
REGISTERED PROFESSIONAL ENGINEER
STATE OF GEORGIA
NO. 21102
J. W. C. JWC

GSWCC #7195

PROPOSED:
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SAVANNAH, GA 31405

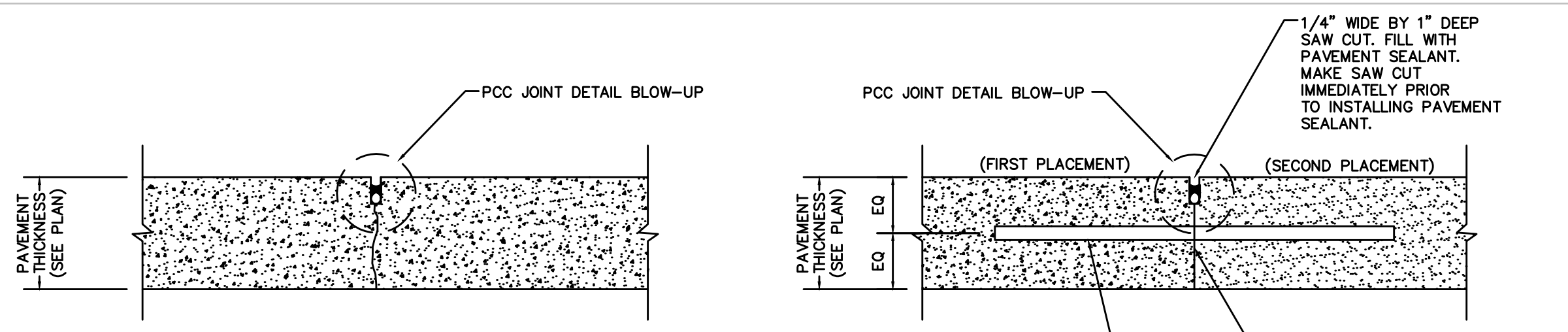
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

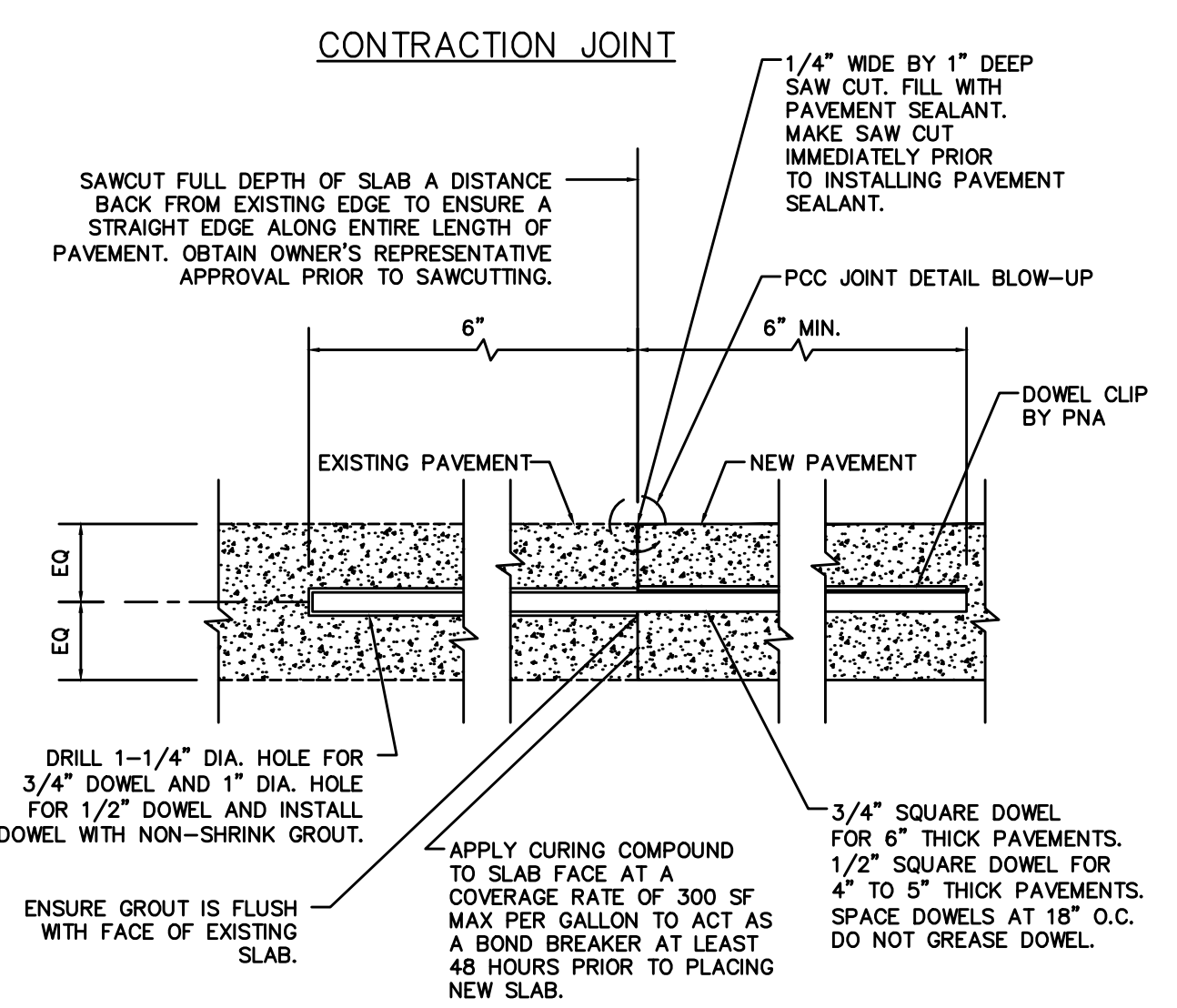
DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS

SITE DETAILS

USFR Savannah - Nov 16, 2021 - 1:23pm
 P: Project Drawing File\Site Department\2019\19-180_Savannah, GA (Derenne & White Bluff - Parker's)\19-180_DETAILS.dwg - LAYOUT: D-1



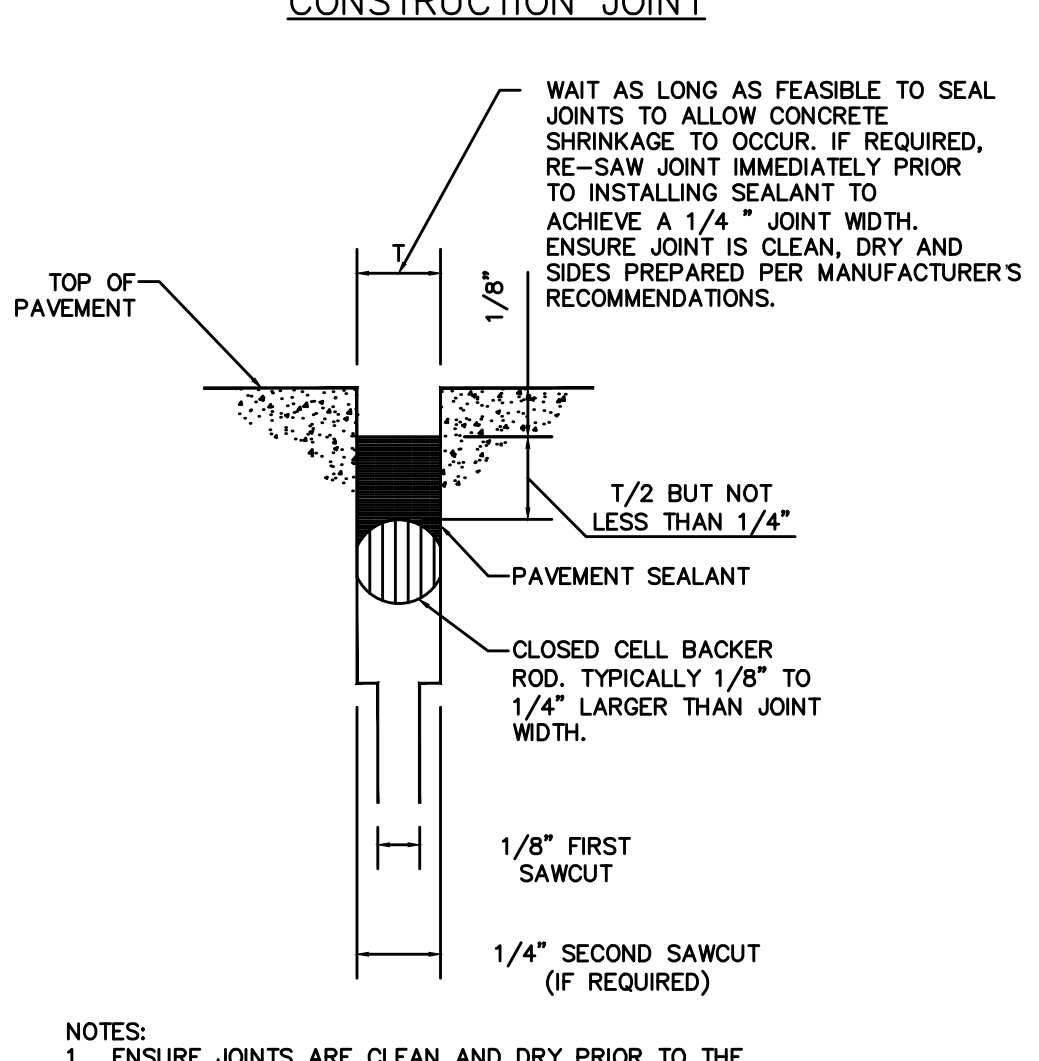
NOTE:
1. SEE PLAN FOR JOINT SPACING.



CONSTRUCTION JOINT TO EXISTING PAVEMENT

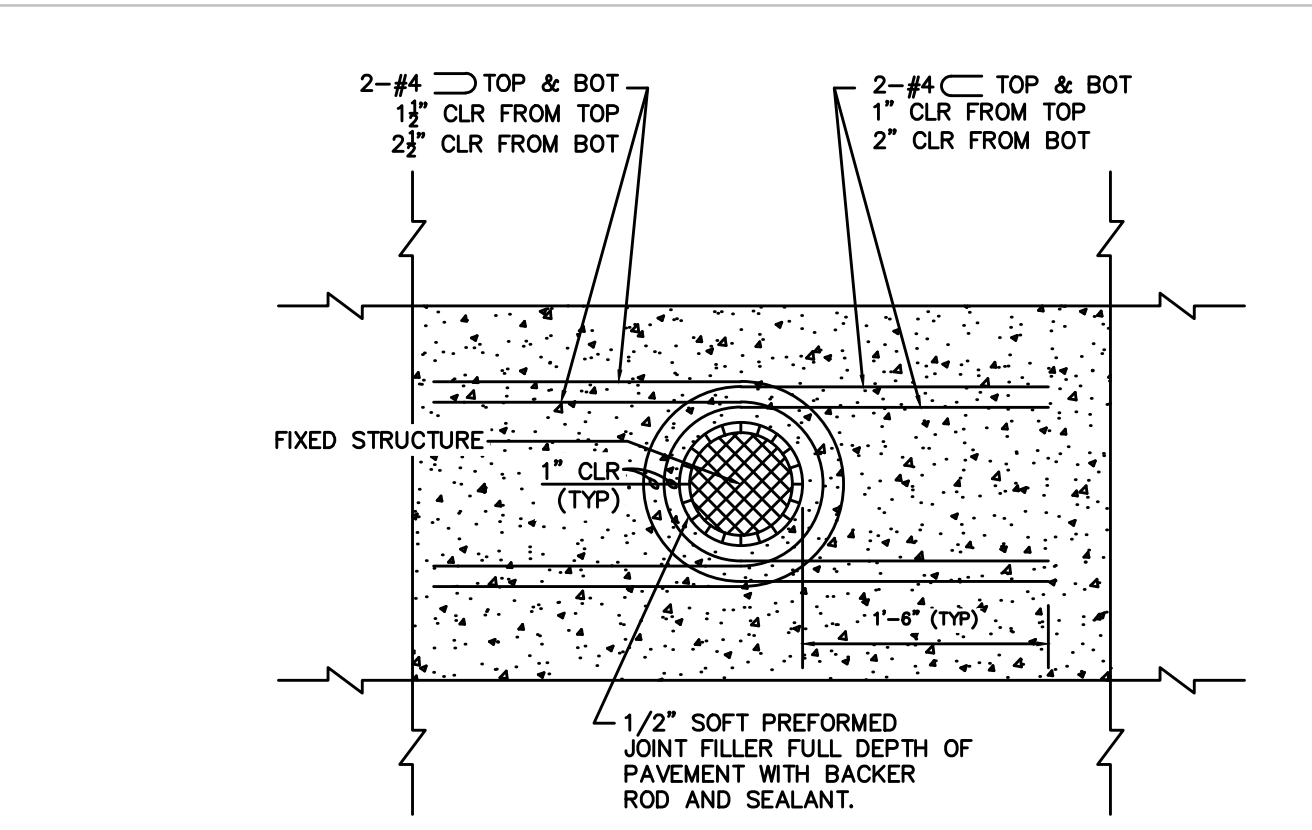
CONCRETE JOINT DETAILS
N.T.S.

3/4" DIAMETER DOWEL FOR 6" THICK PAVEMENTS AND 1/2" DIAMETER DOWEL FOR 4" OR 5" THICK PAVEMENTS. DOWELS TO BE 10" LONG CENTERED WITH JOINT SPACED AT 18" ON CENTER. DOWEL TO BE INSTALLED IN FORM WITH AN APPROVED DOWEL BASKET. LIGHTLY OIL FULL LENGTH OF DOWEL.

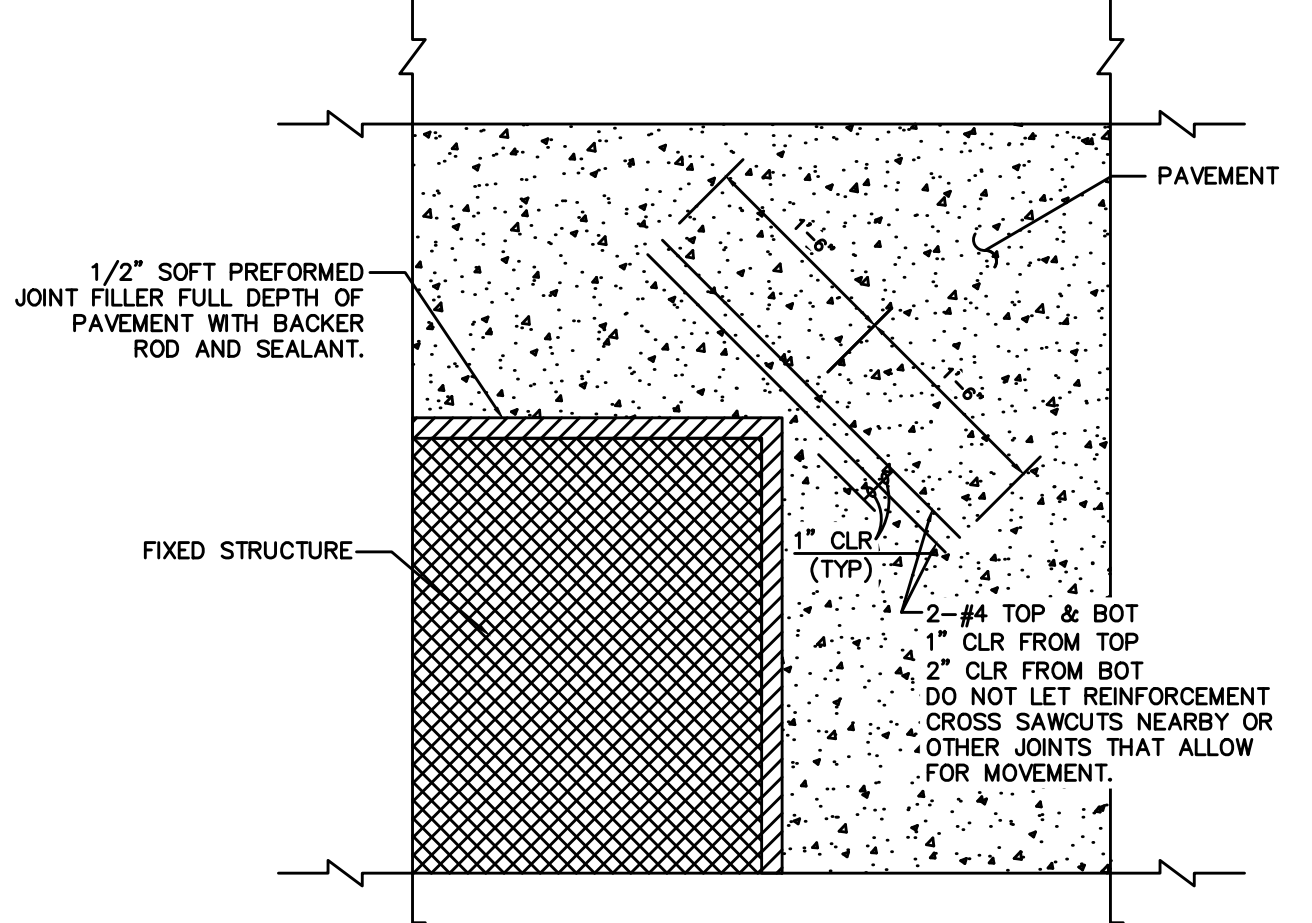


- NOTES:
1. ENSURE JOINTS ARE CLEAN AND DRY PRIOR TO THE APPLICATION OF THE JOINT SEALANT.
2. INSTALL CLOSED CELL BACKER ROD AFTER JOINTS HAVE BEEN CLEANED AND DRIED IN ACCORDANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.
3. INSTALL BACKER ROD AT CONSISTENT AND UNIFORM DEPTH. JOINT SEALANT APPLICATION SHALL BE IN STRICT COMPLIANCE WITH SEALANT MANUFACTURER'S REQUIREMENTS.

PCC JOINT DETAIL BLOW-UP (TYP.)

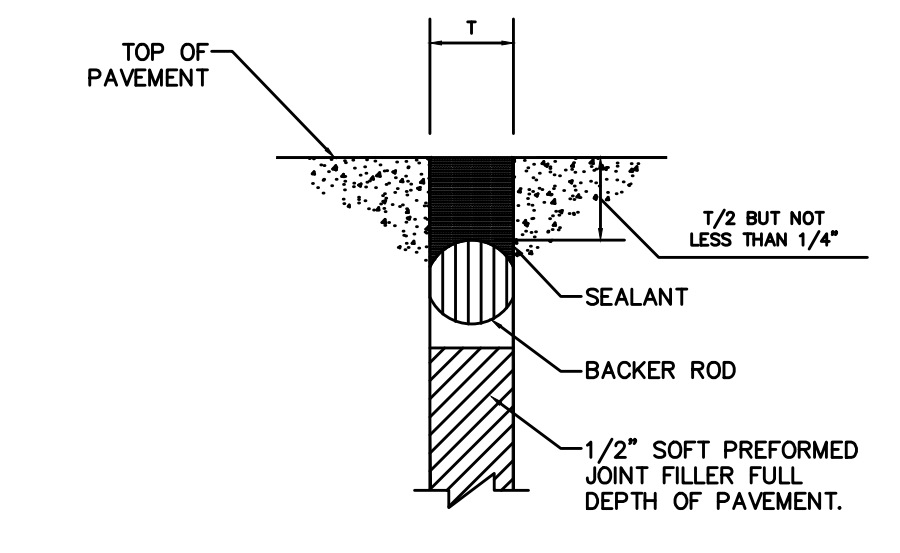


TYPICAL ROUND FIXED STRUCTURE PLAN DETAIL
USES: MANHOLES, LIGHT POLE BASES AND BOLLARDS

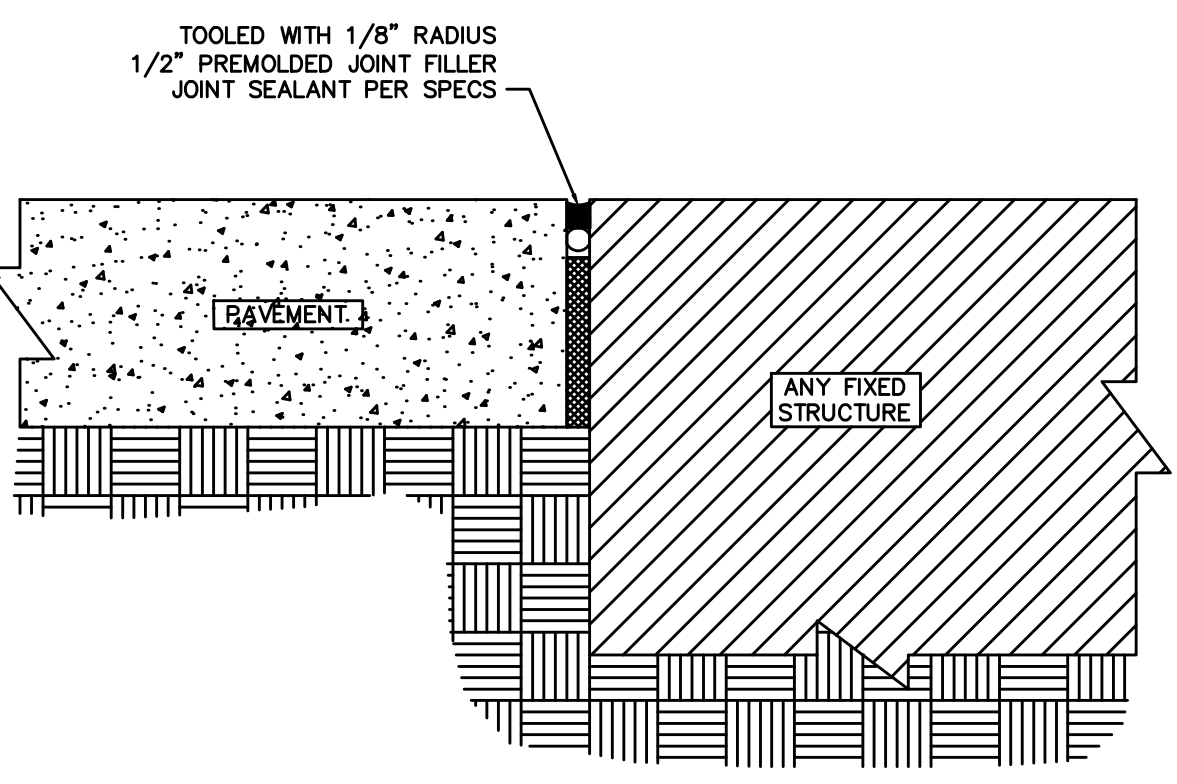


TYPICAL RECTANGULAR FIXED STRUCTURE PLAN DETAIL
USES: BUILDINGS, RETAINING WALLS/DOCK WALLS AND DROP INLETS

ISOLATION JOINT DETAILS
N.T.S.

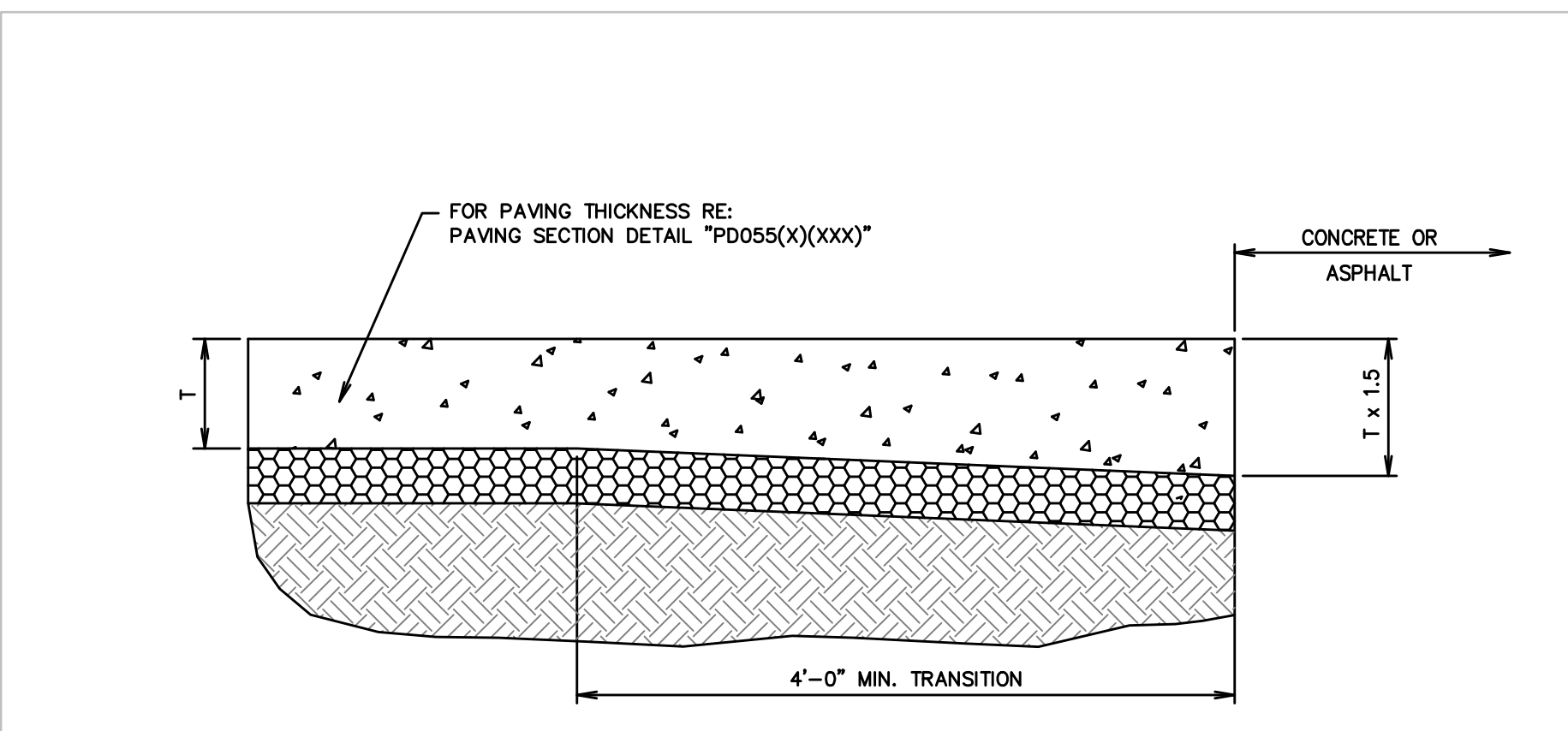


BACKER ROD AND SEALANT SECTION AT FIXED STRUCTURE

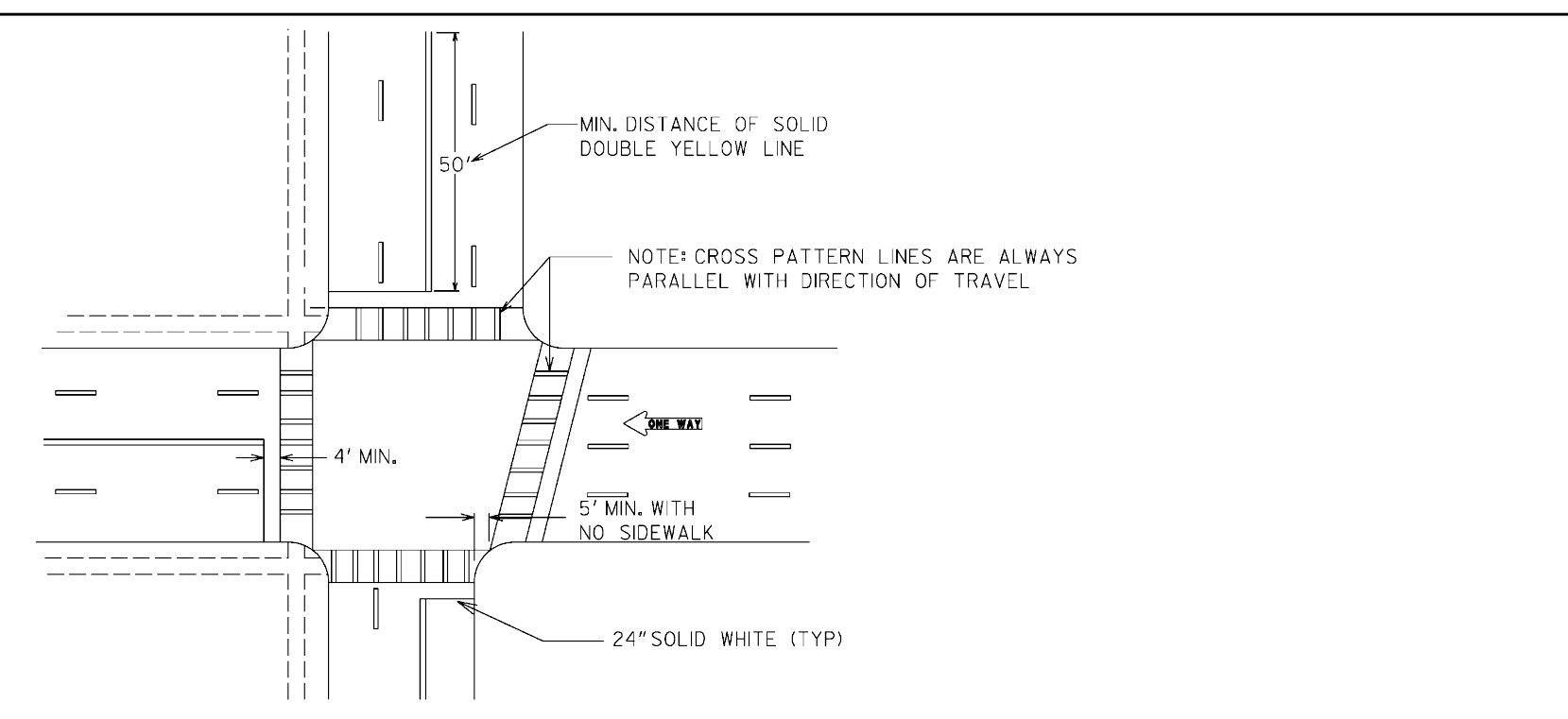


ISOLATION JOINT

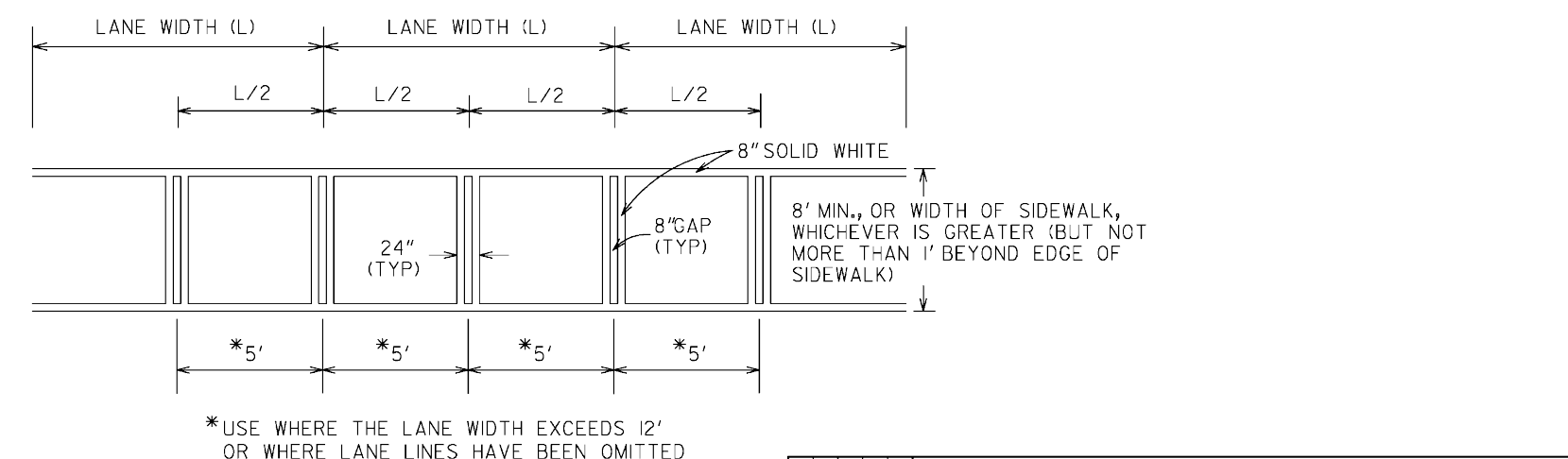
- NOTES:
ISOLATION JOINT TO BE USED FOR FIXED STRUCTURES SUCH AS BUILDINGS, RETAINING WALLS/DOCK WALLS, DROP INLETS, MANHOLES, LIGHT POLE BASES AND BOLLARDS.
PAVEMENT IS NOT CONSIDERED A FIXED STRUCTURE.



THICKENED EDGE SECTION
N.T.S.



TYPICAL LOCATION OF CROSSWALKS AND STOP BARS

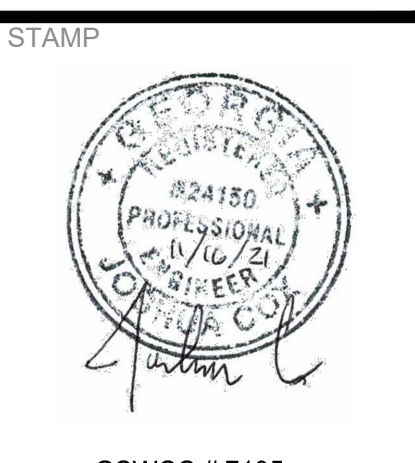
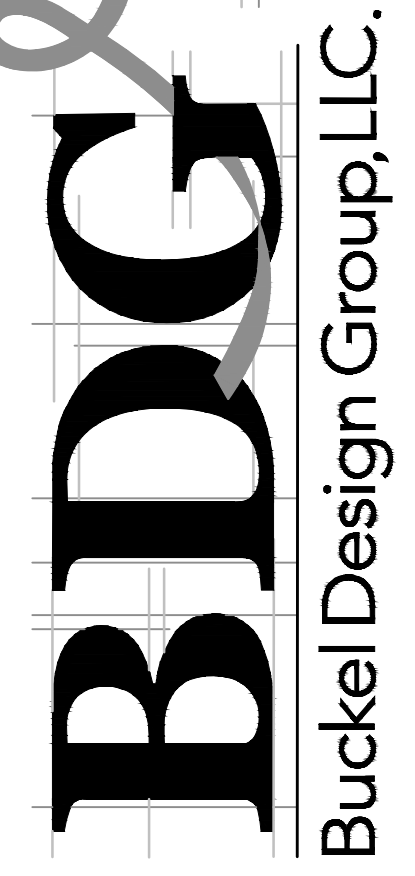


CROSSWALK DETAIL

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
CONSTRUCTION DETAILS	
PAVEMENT MARKING PLACEMENT NON-LIMITED ACCESS ROADWAY	
NO SCALE	JANUARY 2000
DESIGNED	NUMBER
DRAWN	T-IIA
TRACED	
CHECKED	



3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM



GSWCC #7195

PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

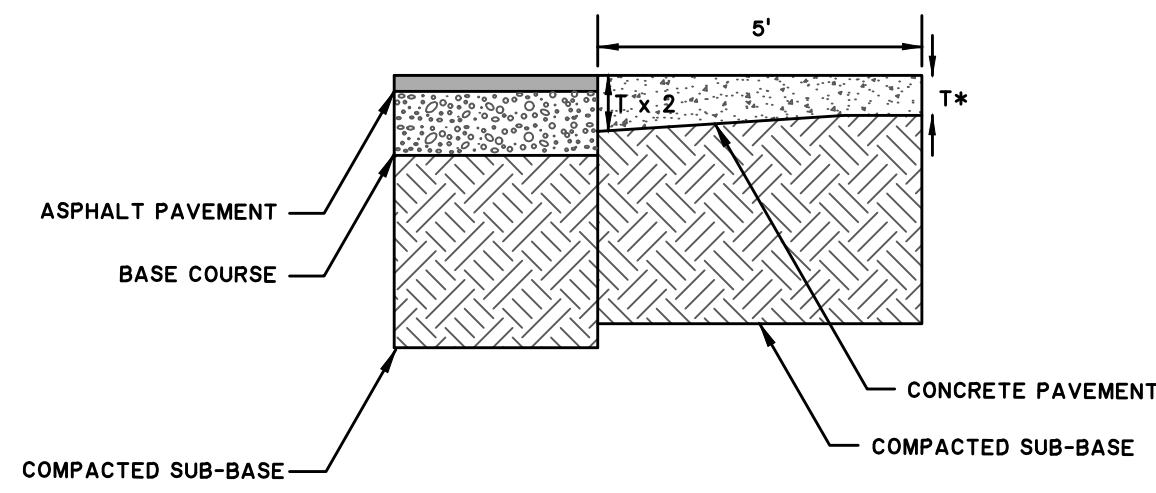
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

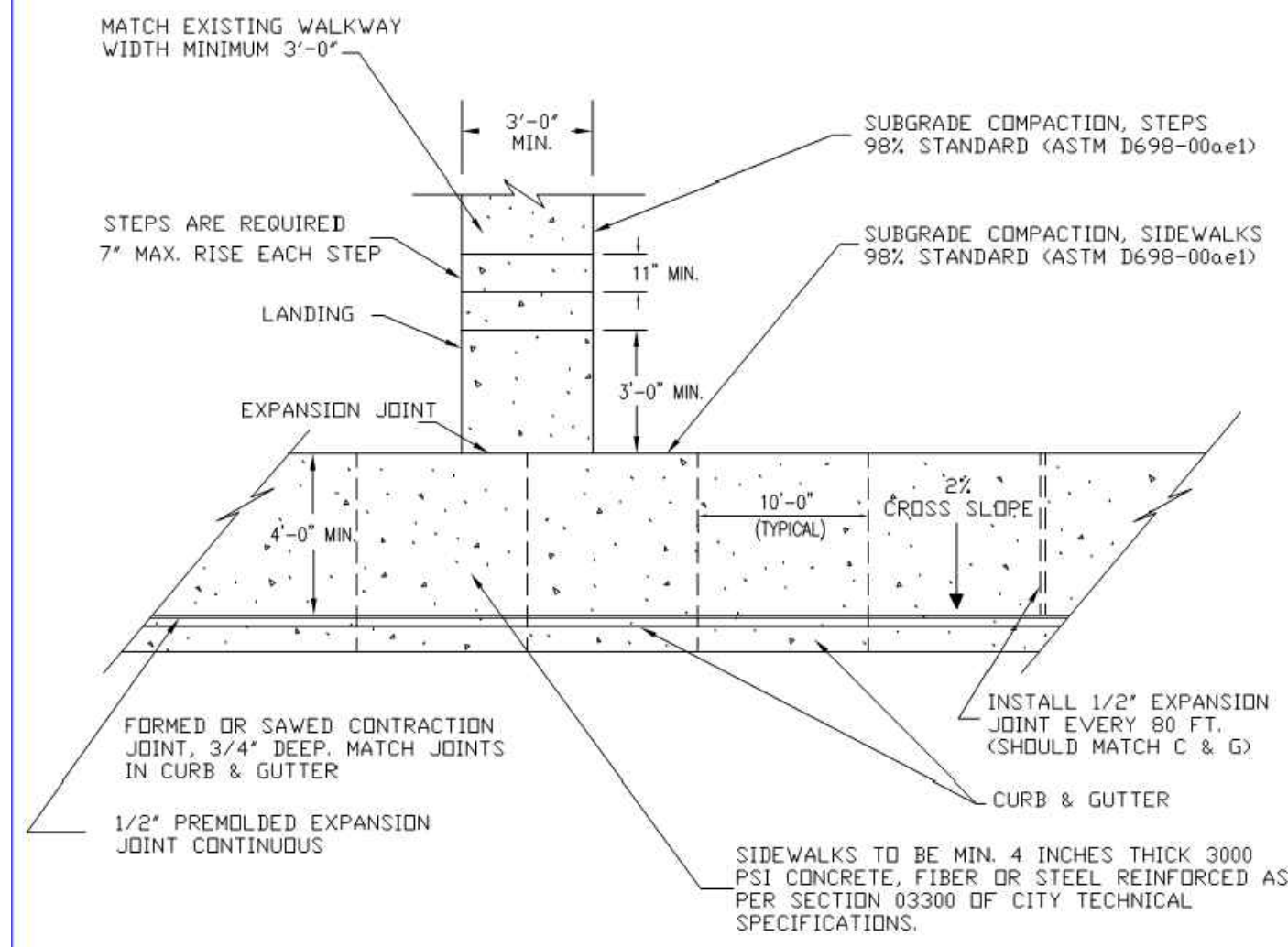
DRAWN	SC
CHECKED	JWC
ISSUED DATE	8/16/2021
ISSUED FOR CONSTRUCTION	
PROJECT NO.	19-180
FILE	19-180_DETAILS

SITE DETAILS

SHEET
D-2

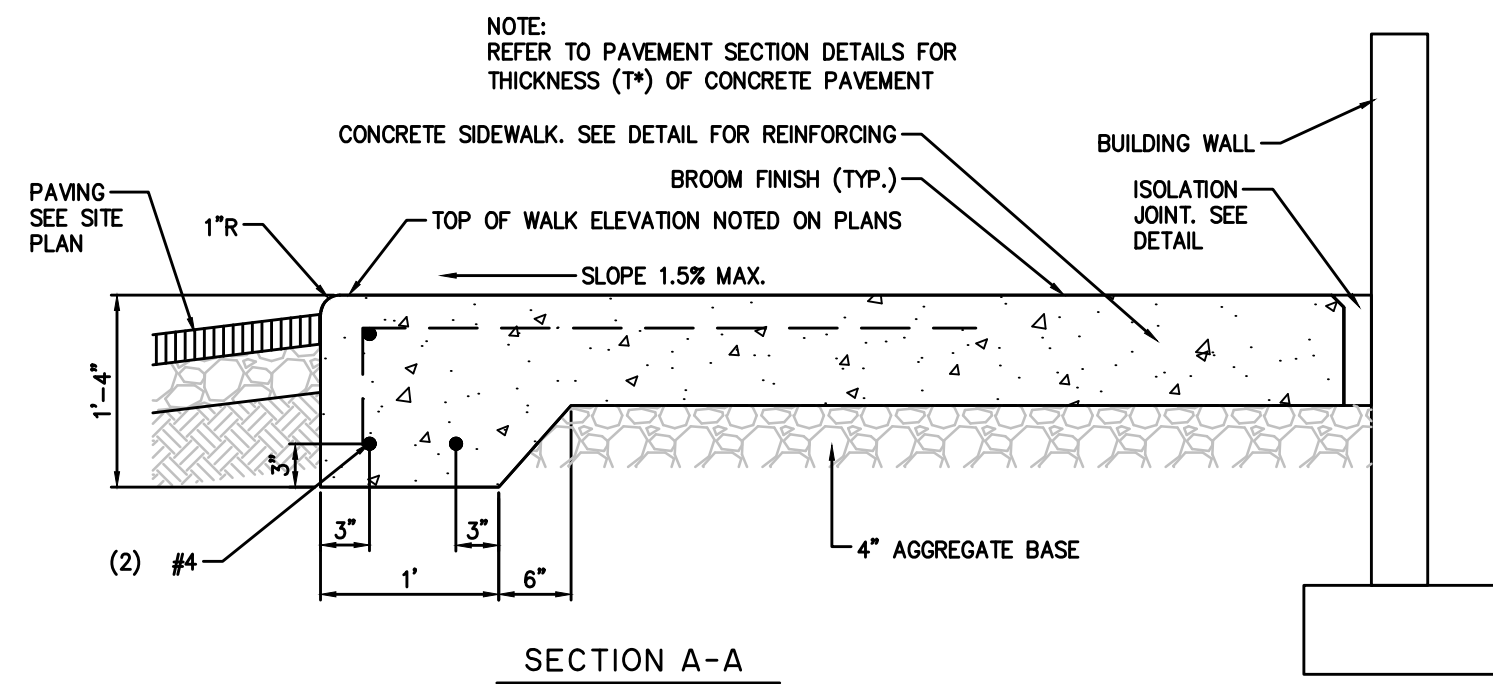


CONCRETE-ASPHALT TRANSITION DETAIL
NOT TO SCALE

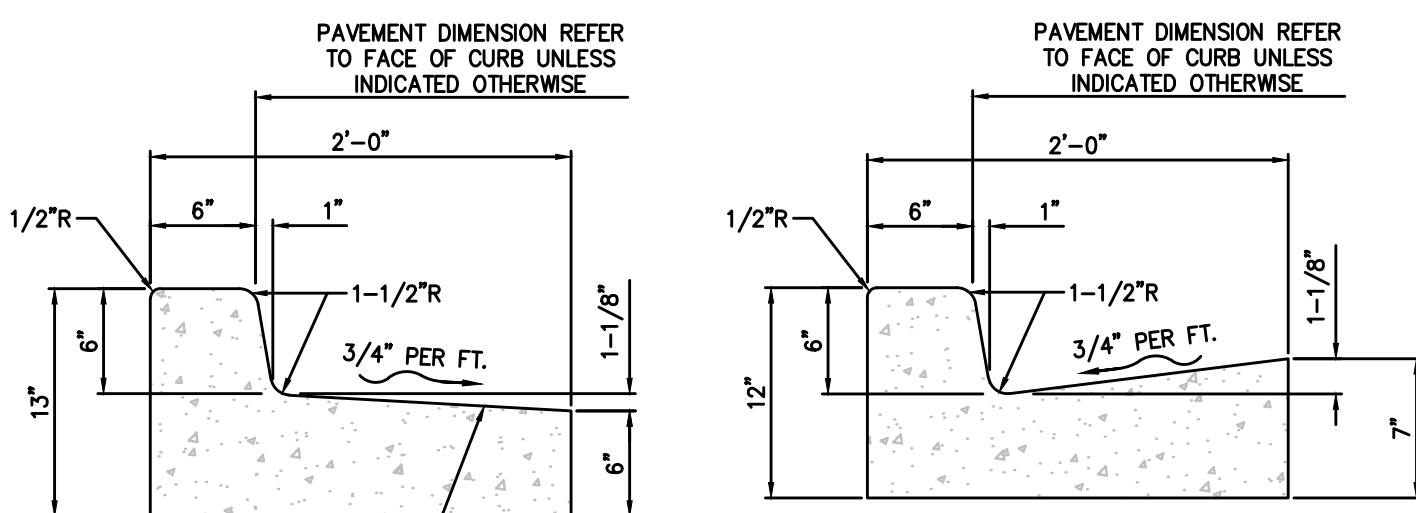


- NOTES:
1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF SAVANNAH DEVELOPMENT GUIDELINES AND TECHNICAL SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, SECTION 02200 - EARTHWORK AND SECTION 03300 - CAST-IN-PLACE CONCRETE.
 2. CONTRACTION JOINTS SHOULD BE FORMED OR SAWED COINCIDENT WITH THE 10' JOINTS IN THE CURB.
 3. ALL NEW CONCRETE IN THE HISTORIC DISTRICT AND AS OTHERWISE SPECIFIED BY THE STREET MAINTENANCE DIRECTOR MUST BE TINTED. THE TINT SHALL BE LAMBERT CORPORATION SAVANNAH BROWN #4658 OR EQUAL TO BE SUPPLIED BY THE CONTRACTOR.
 4. ADA COMPLIANT WHEELCHAIR RAMP SHALL BE INSTALLED AT EACH INTERSECTION OR DESIGNATED CROSSWALK LOCATION AND MUST MEET THE MOST CURRENT ADA STANDARDS AND CITY OF SAVANNAH SPECIFICATIONS AT THE TIME OF CONSTRUCTION.

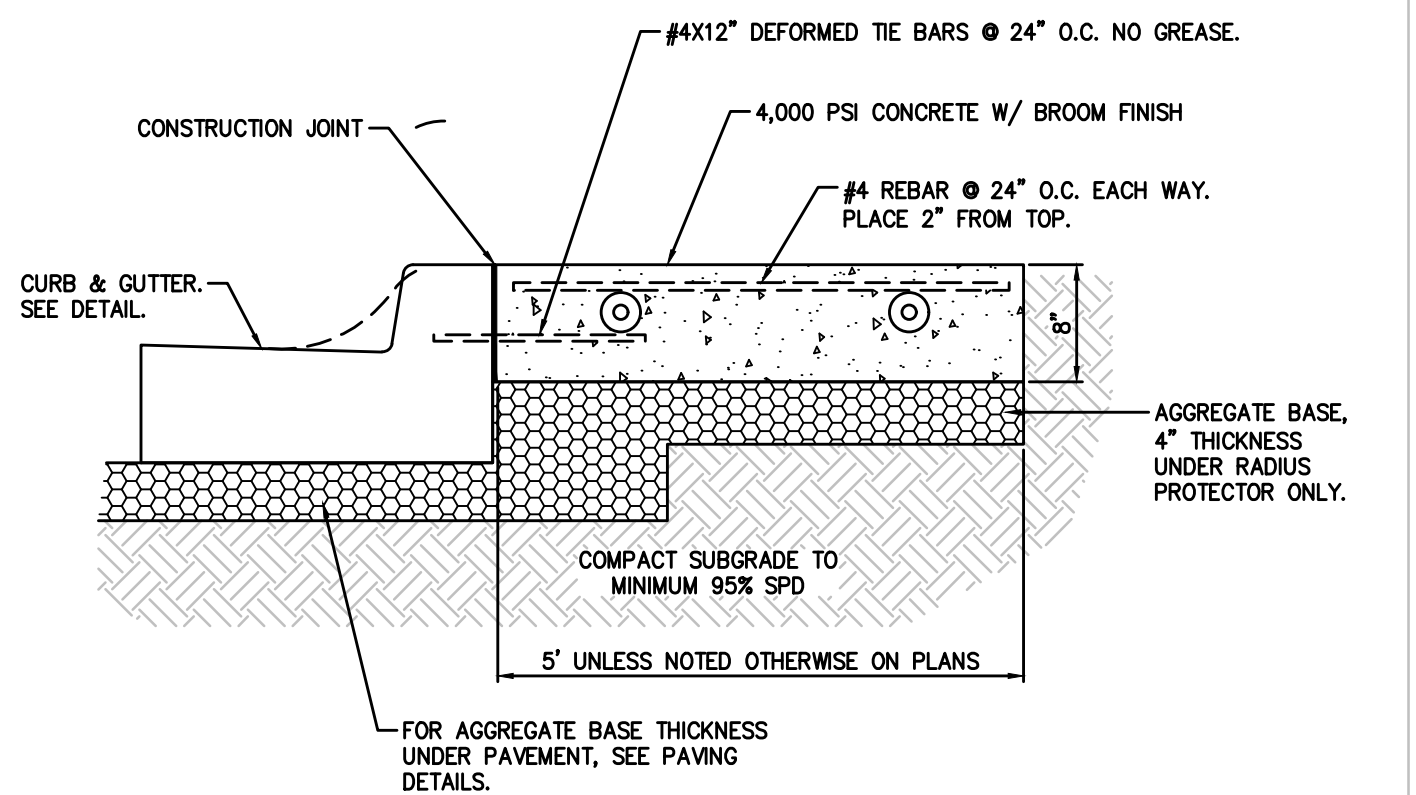
STANDARD CONSTRUCTION DETAILS
CITY OF SAVANNAH
SIDEWALK AND WALKWAY DETAILS
PLATE NUMBER: P03
APPROVED: _____ SIGNATURE ON FILE CITY ENGINEER
SCALE: N.T.S. DATE: FEBRUARY 2009



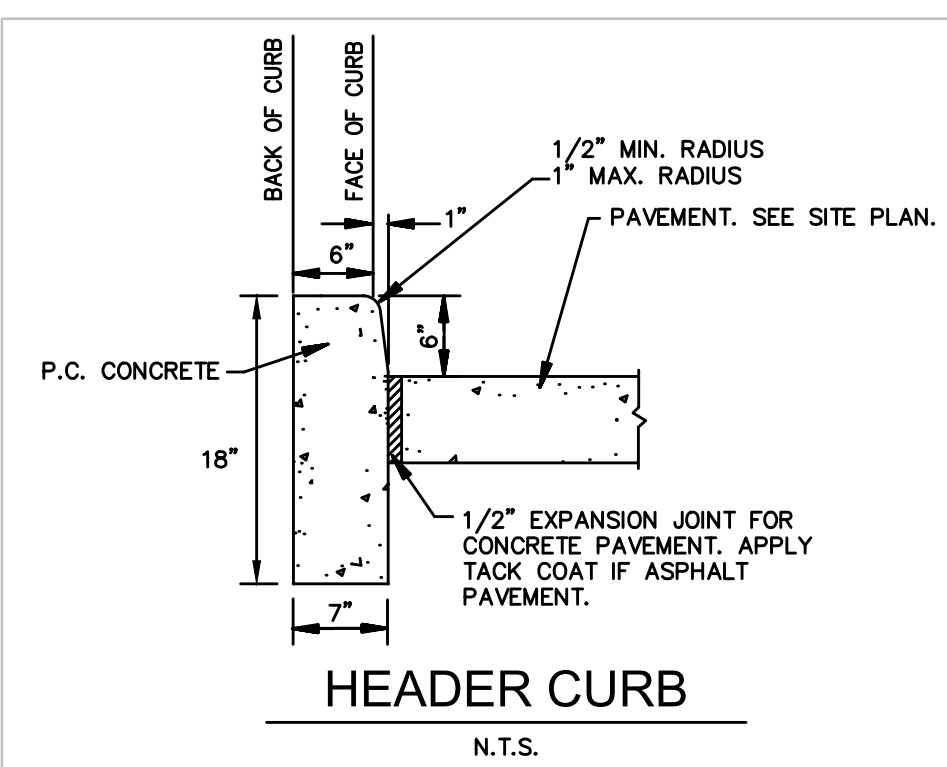
SECTION A-A
(FLUSH)SIDEWALK AND WALKWAY DETAIL
NOT TO SCALE



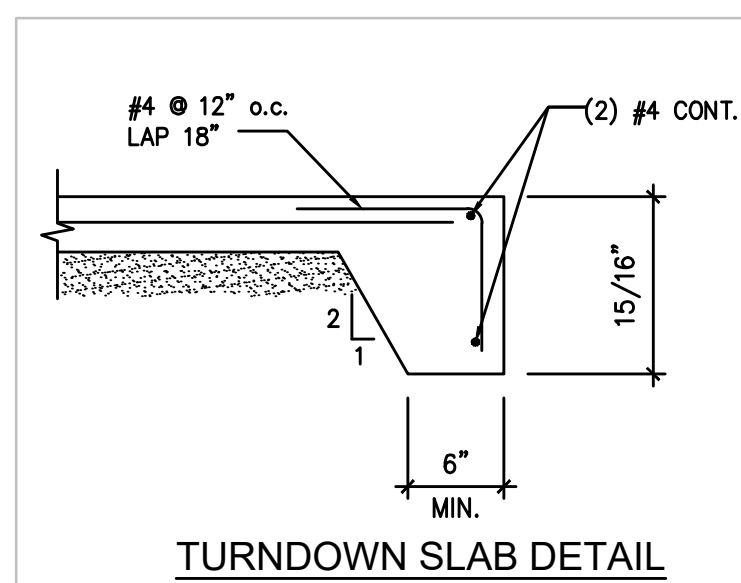
SPILLING CURB AND GUTTER N.T.S.
CATCHING CURB AND GUTTER N.T.S.



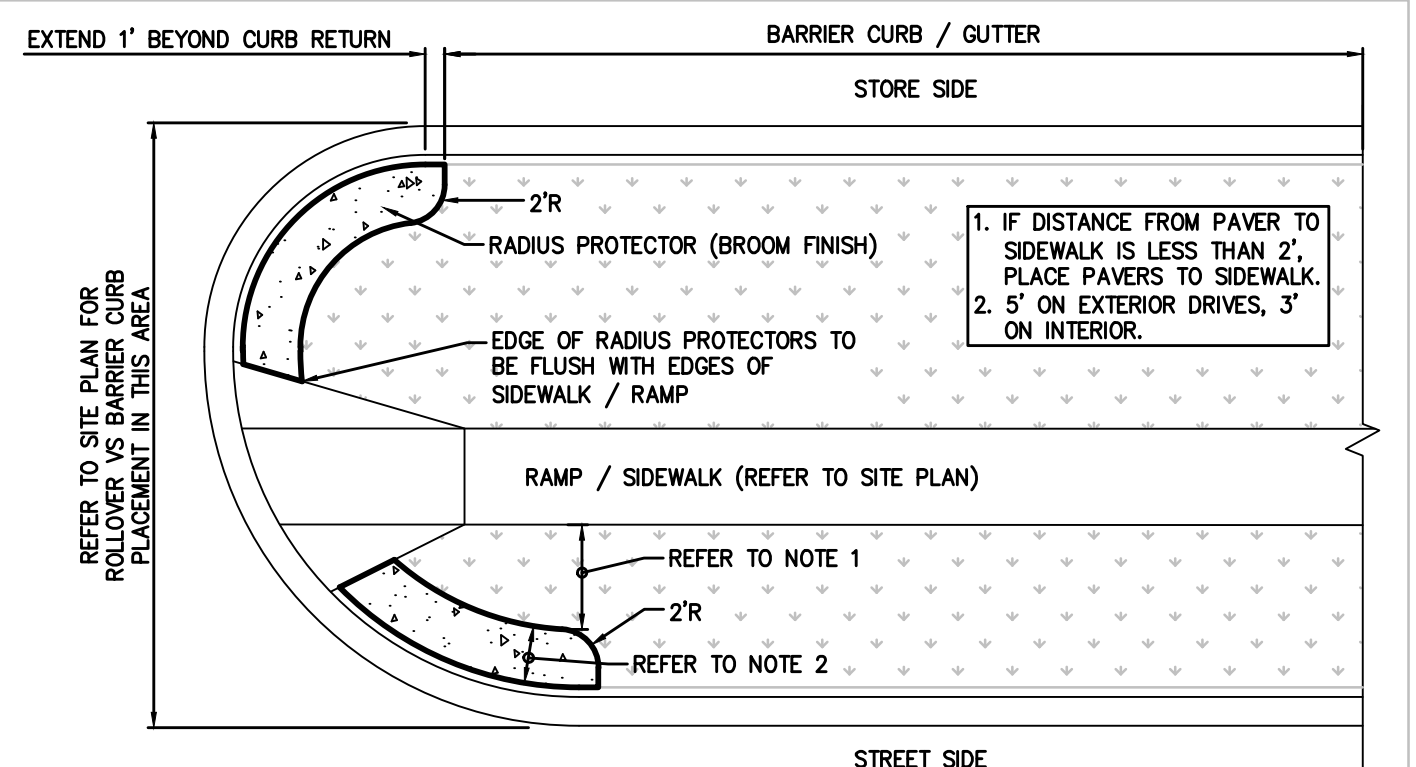
CONCRETE CURB BACKING CROSS SECTION
N.T.S.



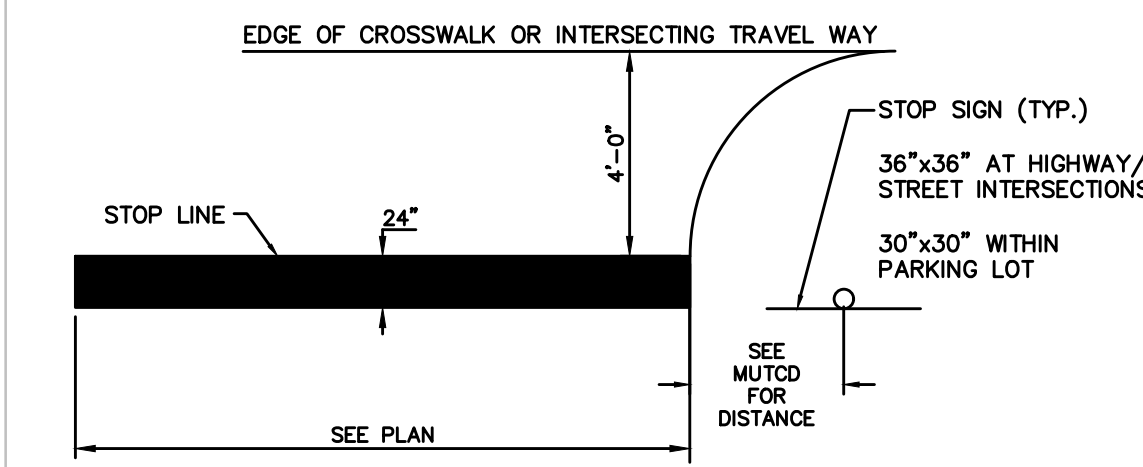
HEADER CURB
N.T.S.



TURNDOWN SLAB DETAIL
N.T.S.

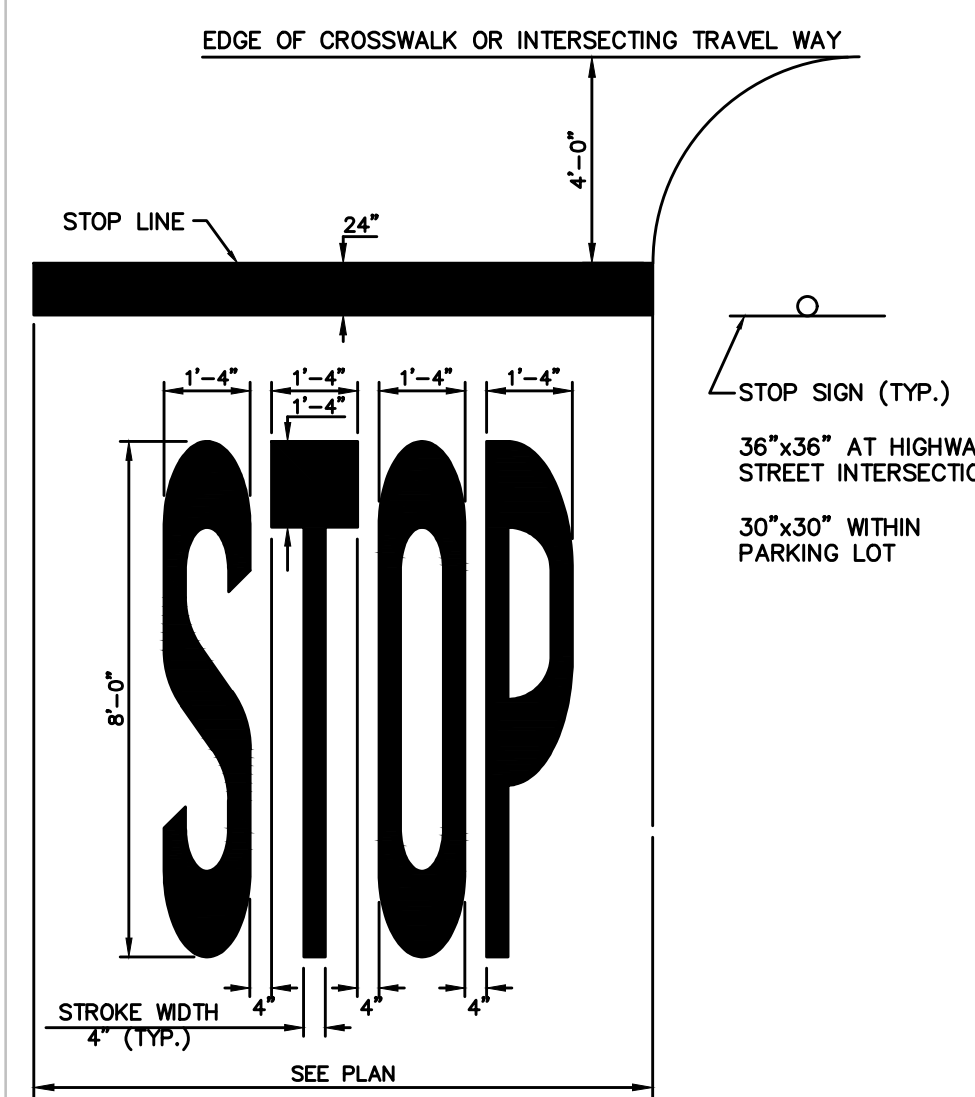


CONCRETE CURB BACKING PLAN
N.T.S.



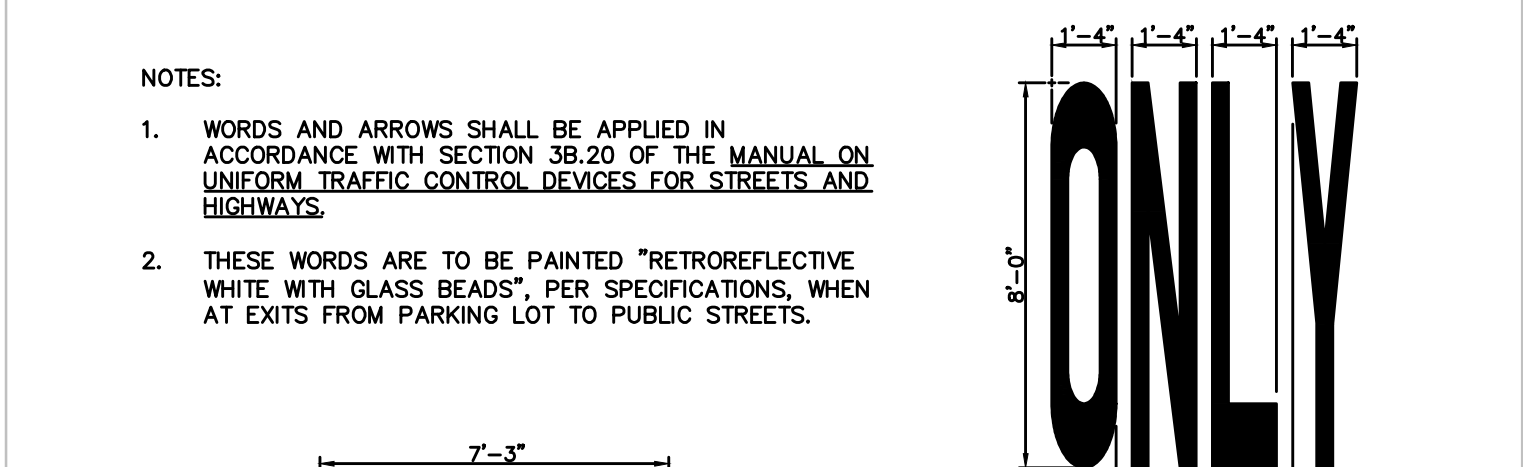
- NOTE:
1. WORDS AND LINES SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 38.16 AND 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 2. THESE WORDS AND BAR ARE TO BE PAINTED RETROREFLECTIVE WHITE.

STOP SIGNAGE AND MARKING
N.T.S.

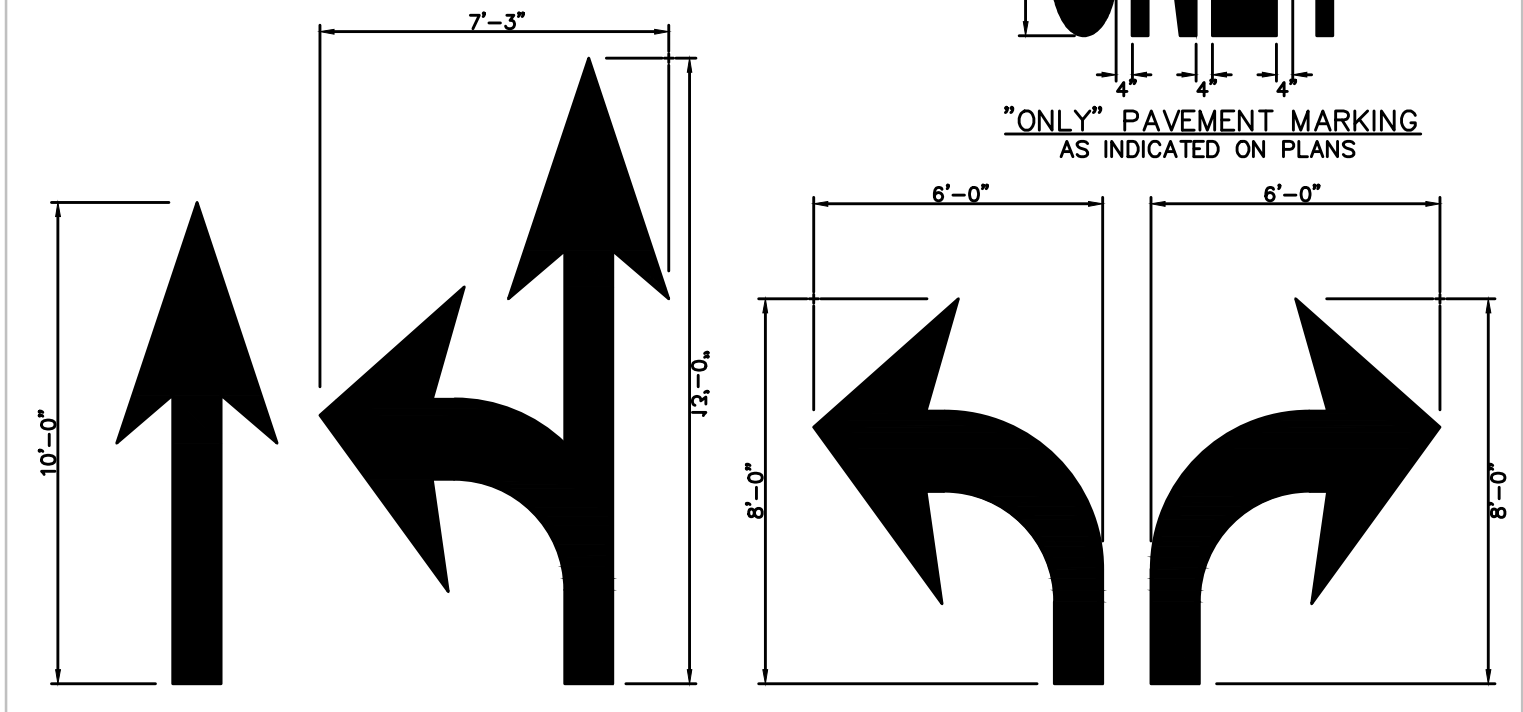


- NOTE:
1. WORDS AND LINES SHALL BE APPLIED IN ACCORDANCE WITH SECTIONS 38.16 AND 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 2. THESE WORDS AND BAR ARE TO BE PAINTED RETROREFLECTIVE WHITE.

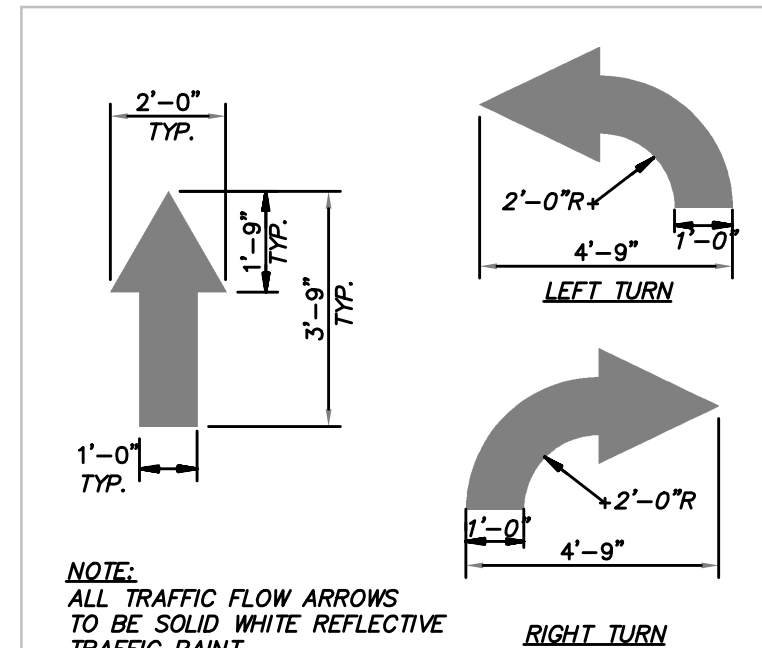
STOP SIGNAGE AND MARKING
N.T.S.



- NOTES:
1. WORDS AND ARROWS SHALL BE APPLIED IN ACCORDANCE WITH SECTION 38.20 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS.
 2. THESE WORDS ARE TO BE PAINTED "RETROREFLECTIVE WHITE WITH GLASS BEADS" PER SPECIFICATIONS, WHEN AT EXITS FROM PARKING LOT TO PUBLIC STREETS.

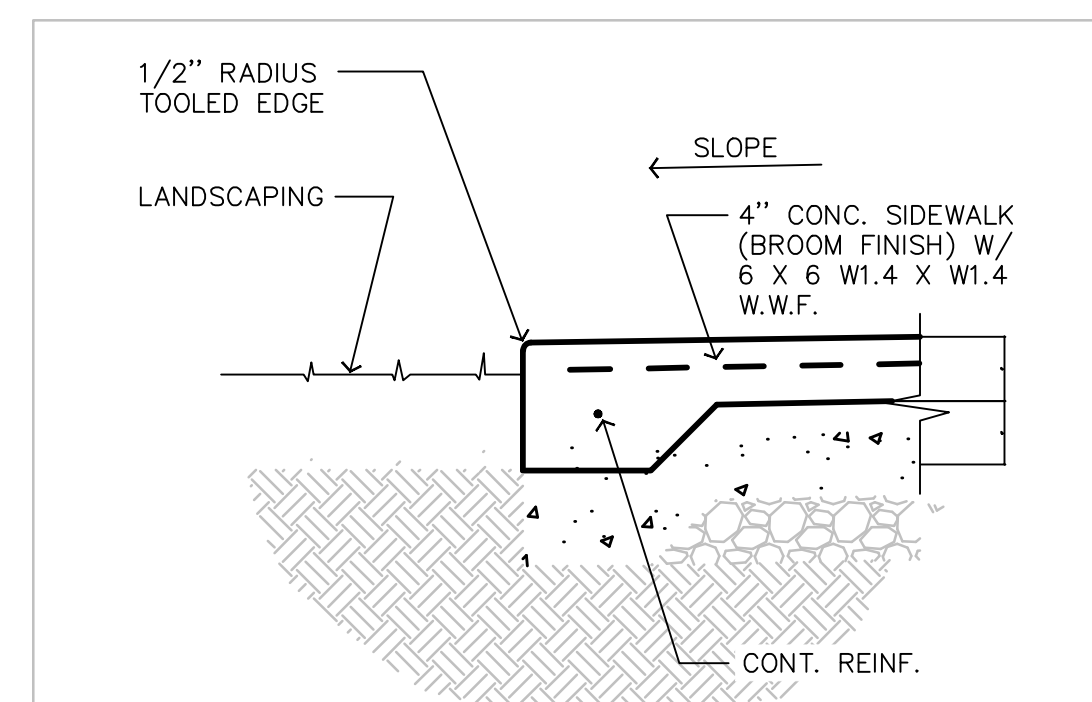


SOLID ARROW MARKINGS
AS INDICATED ON PLANS
PAINTED "RETROREFLECTIVE WHITE"
ROADWAY
SOLID ARROW PAVEMENT MARKINGS
N.T.S.

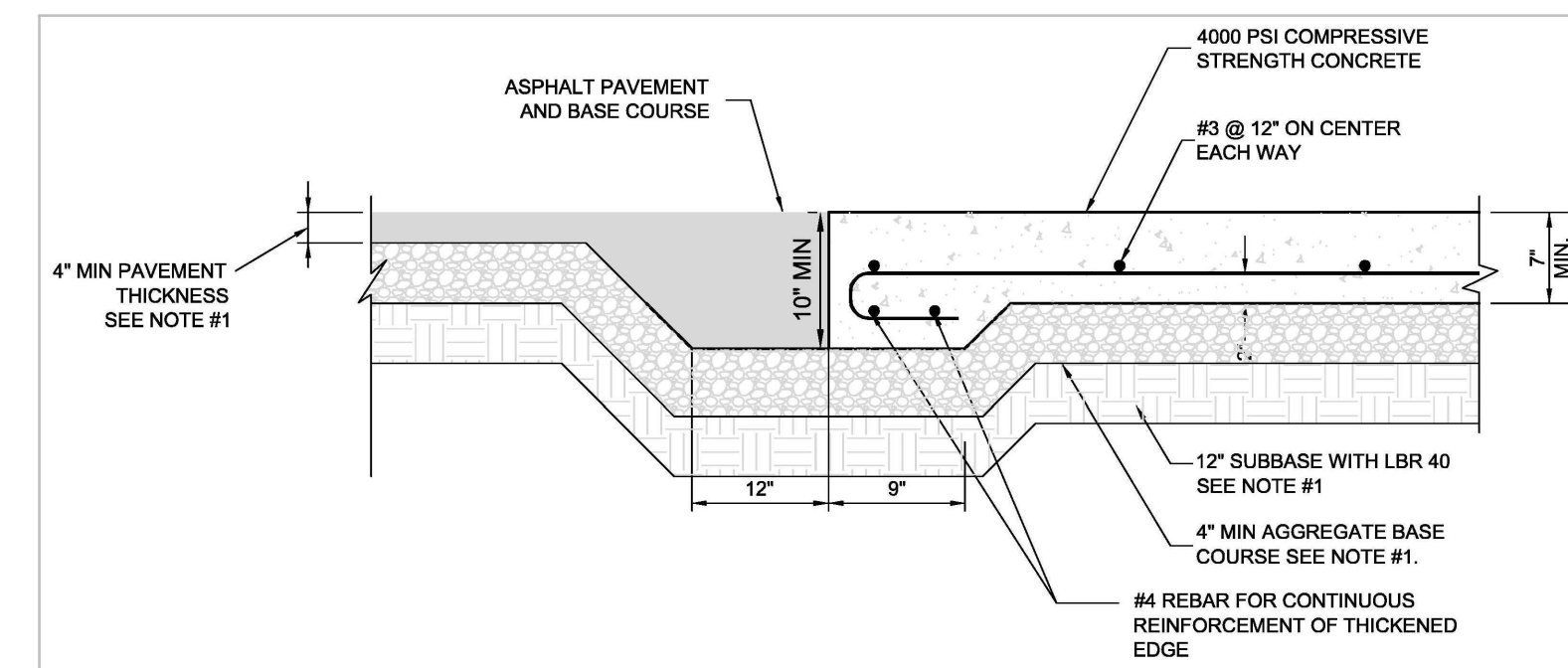


- NOTE:
- ALL TRAFFIC FLOW ARROWS TO BE SOLID WHITE REFLECTIVE TRAFFIC PAINT.

PARKING LOT FLOW ARROW
N.T.S.



SIDEWALK TURNDOWN
N.T.S.



CONCRETE APRON @ TRASH ENCLOSURE
NOT TO SCALE

SITE DETAILS

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGE.COM

BDG
Buckel Design Group, LLC.



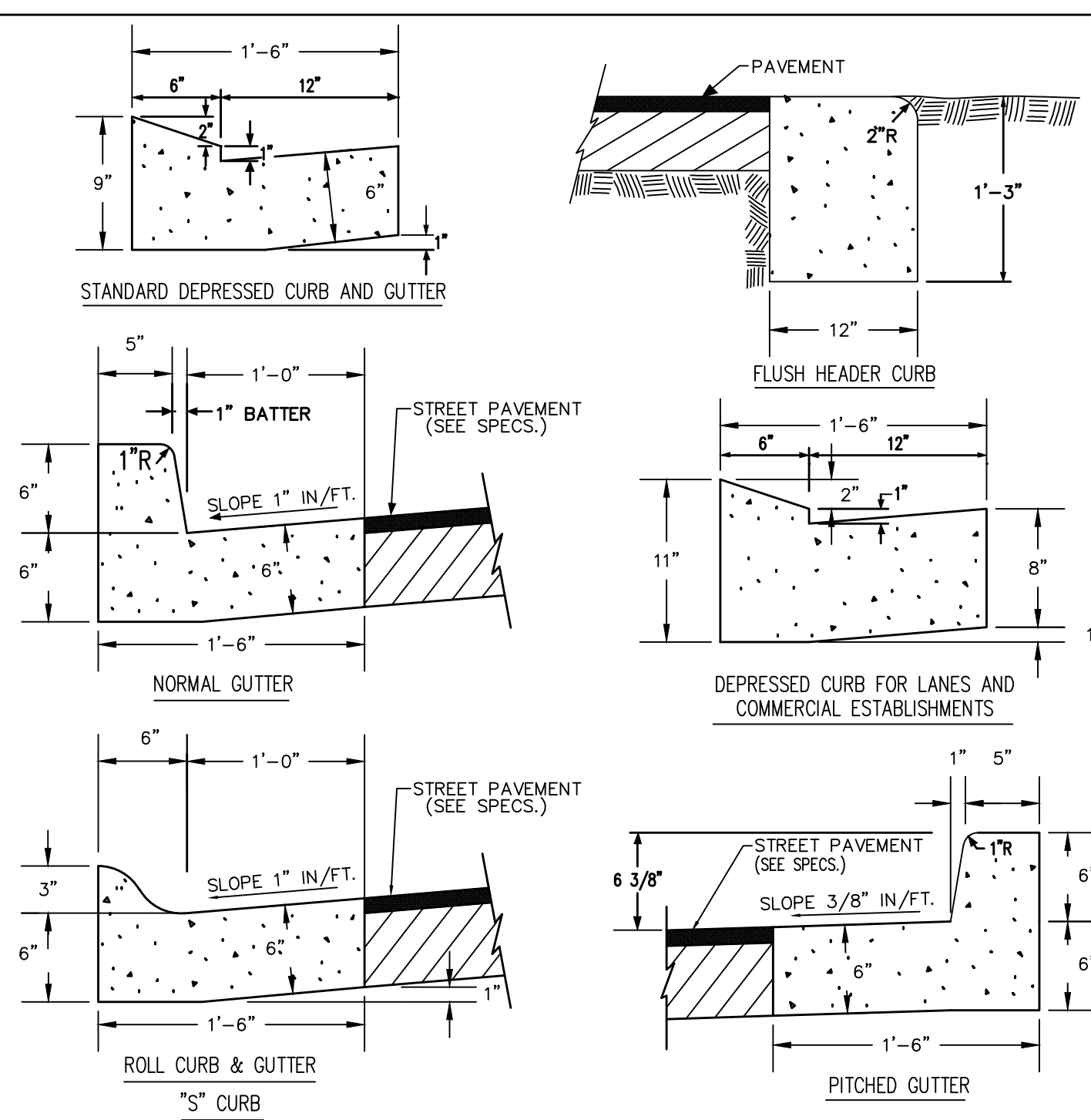
GSWCC #7195

PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405
FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS

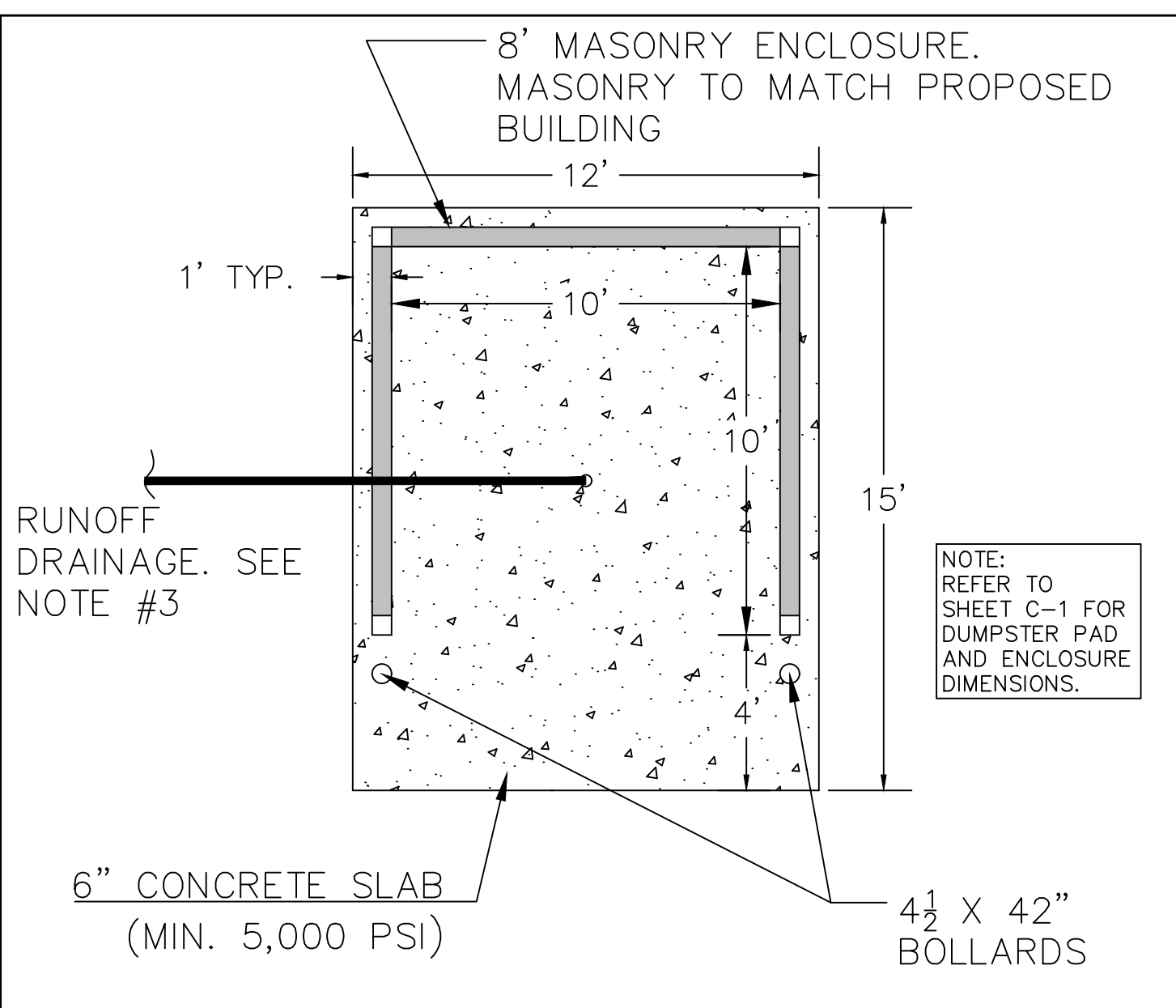
SHEET
D-3



NOTES:
 1. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF SAVANNAH TECHNICAL SPECIFICATIONS INCLUDING, BUT NOT LIMITED TO, SECTION 02200 - EARTHWORK AND SECTION 03300 - CAST-IN-PLACE CONCRETE.
 2. BASE COMPACTION UNDER CURB TO BE 98% (ASTM D698).
 3. CONTRACTION JOINTS TO BE SAW CUT NO LATER THAN 24 HOURS AFTER THE POUR.

STANDARD CONSTRUCTION DETAILS
CURB AND GUTTER DETAILS

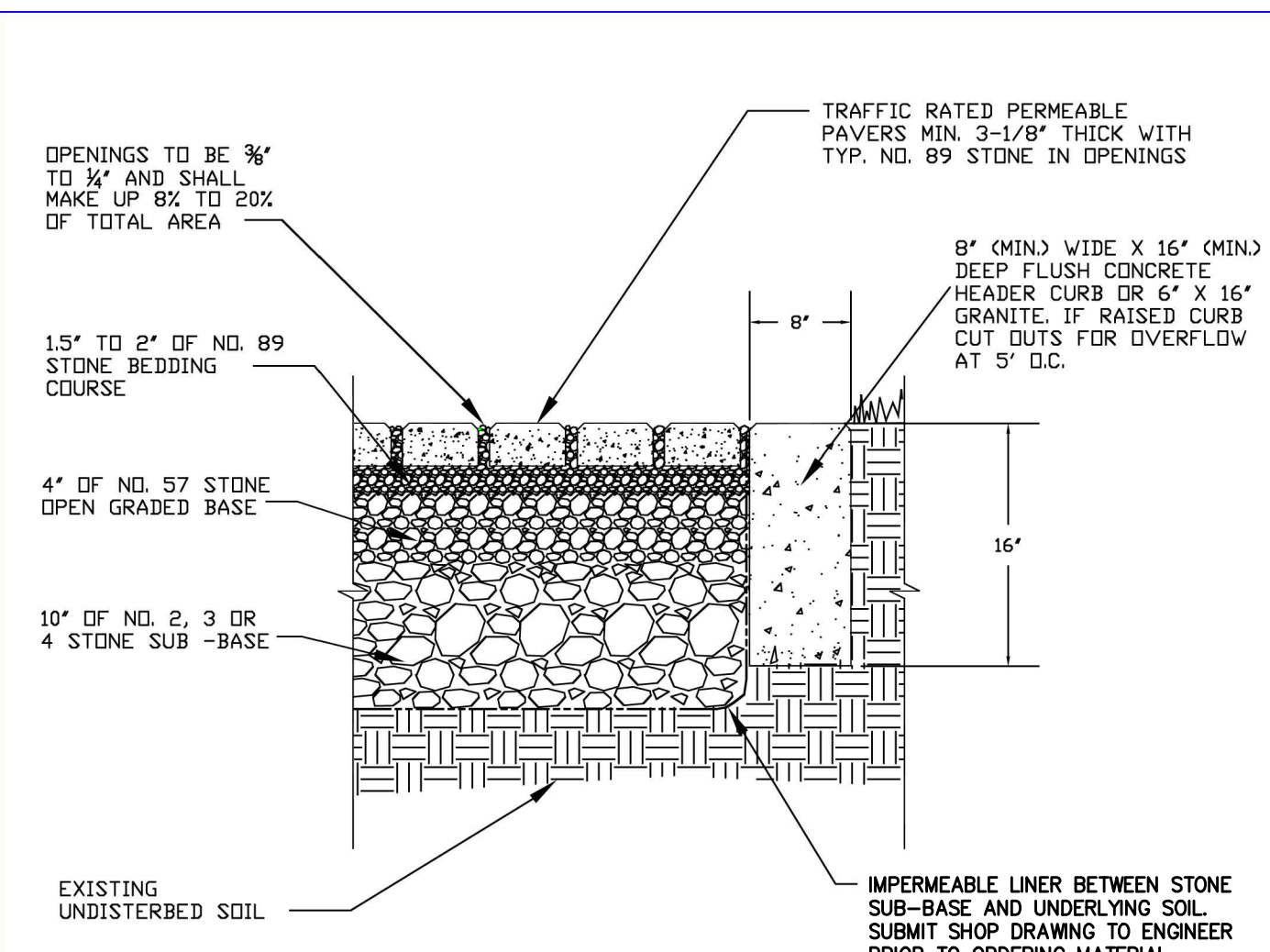
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 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P02



NOTES:
 1. 6" THICK - 5,000 PSI CONCRETE SLAB. BASE OF THE SLAB MUST BE COMPACTED 100% (ASTM D698).
 2. 3 SIDES - 8' HIGH FENCE (VARIOUS MATERIALS). IT MUST BE DESIGNED TO MEET THE LATEST IBC STANDARDS, AND IT MUST BE PERMITTED.
 3. IF A COMPACTOR IS GOING TO BE USED, IT MUST HAVE A DRIP PAN. THE PAN'S DRAIN MUST BE CONNECTED TO THE CITY'S SEWER SYSTEM. IF A REGULAR DUMPSTER IS GOING TO BE USED, THE RUNOFF FROM THE CONCRETE SLAB MUST BE DIRECTED TO A GRASS STRIP. THE RUNOFF MUST FLOW THROUGH AT LEAST 15' OF GRASS BEFORE IT CAN GO INTO THE CITY'S STORM SYSTEM.

STANDARD CONSTRUCTION DETAILS
DUMPSTER ENCLOSURE (3 SIDES)

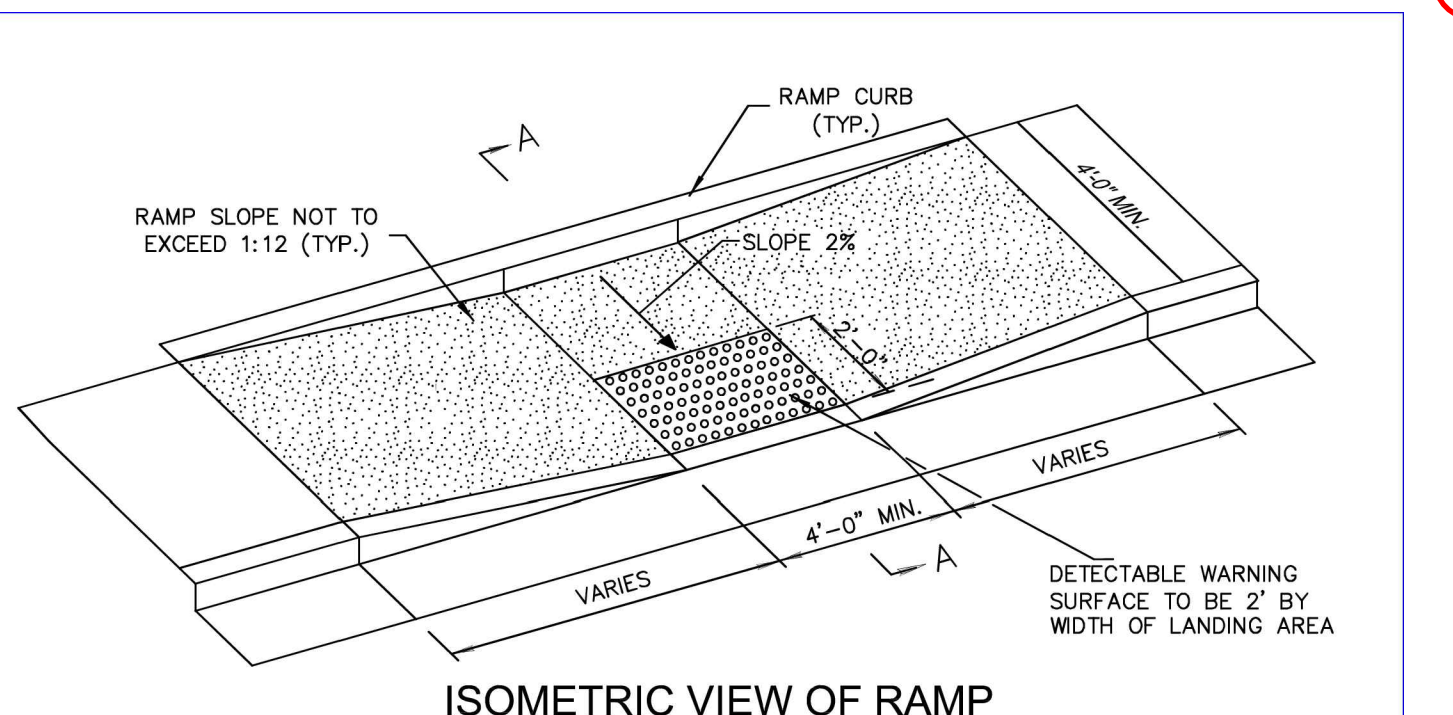
APPROVED: SIGNATURE ON FILE CITY ENGINEER
 SCALE: N.T.S.
 DATE: March 2013
 PLATE NUMBER: SA-01



NOTES:
 1. ALL CONSTRUCTION SHALL CONFORM TO THE APPLICABLE CITY OF SAVANNAH DEVELOPMENT GUIDELINES, TECHNICAL SPECIFICATIONS AND STANDARD DETAILS.
 2. CONCRETE IN THE ROADWAY TO BE 5000PSI PER SECTION 03300, CHAPTER 3.2 AND REINFORCED WITH FIBERMESH OR STEEL PER SECTION 3300, CHAPTER 5 OF CITY TECHNICAL SPECIFICATIONS.
 3. CONCRETE HEADER CURB DIMENSIONS MAY DIFFER BASED ON PROJECT SPECIFIC DESIGN REQUIREMENTS.
 4. BASE COMPACTION UNDER CURB TO BE 98% (ASTM D698).
 5. CONTRACTION JOINTS TO BE SAW CUT NO LATER THAN 24 HOURS AFTER THE POUR.
 6. ALL NEW CONCRETE IN THE HISTORIC DISTRICT AND AS OTHERWISE SPECIFIED BY THE STREET MAINTENANCE DIRECTOR MUST BE TINTED. THE TINT SHALL BE LAMBERT CORPORATION SAVANNAH BROWN #4658 OR EQUAL TO BE SUPPLIED BY THE CONTRACTOR.

STANDARD CONSTRUCTION DETAILS
PERMEABLE PAVER DETAIL

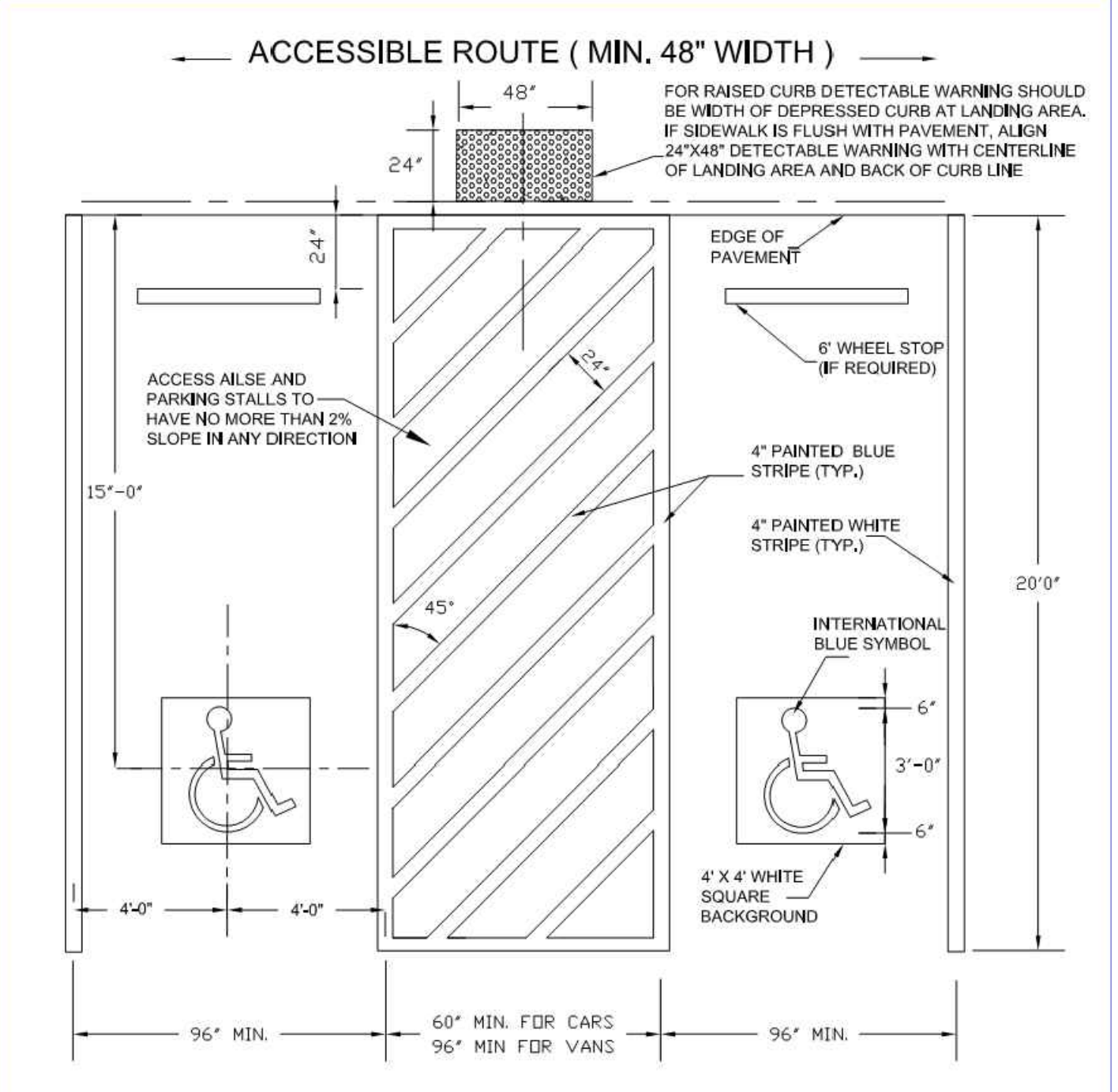
APPROVED: SIGNATURE ON FILE CITY ENGINEER
 SCALE: N.T.S.
 DATE: APRIL 2015
 PLATE NUMBER: P01D



NOTES:
 1. HANDICAP RAMP CONSTRUCTION SHALL CONFORM TO ALL FEDERAL, STATE AND CITY OF SAVANNAH CODES AND SPECIFICATIONS.
 2. SURFACES SHALL MEET THE GUIDELINES OF THE ADA STANDARDS FOR ACCESSIBILITY, APPENDIX A, PART 36.
 3. THE SLOPE OF THE GUTTER MUST NOT EXCEED 1:20 ADJACENT TO THE RAMP.
 4. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 INCHES AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. IF THE SIDEWALK AND RAMP ARE CONSTRUCTED OF CONCRETE, THE WARNING AREA SHALL BE RED BRICK IN COLOR. IF THE SIDEWALK AND RAMP ARE CONSTRUCTED OF RED BRICK, THE WARNING AREA SHALL BE GREY IN COLOR. THE COLOR USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
 5. BRICK PAVERS SHALL BE SET IN A WET MORTAR BED, THE BED SHALL BE PLACED ON CONCRETE. THE CONCRETE SHALL BE A MINIMUM OF FOUR INCHES THICK.

STANDARD CONSTRUCTION DETAILS
TYPE B HANDICAP RAMP

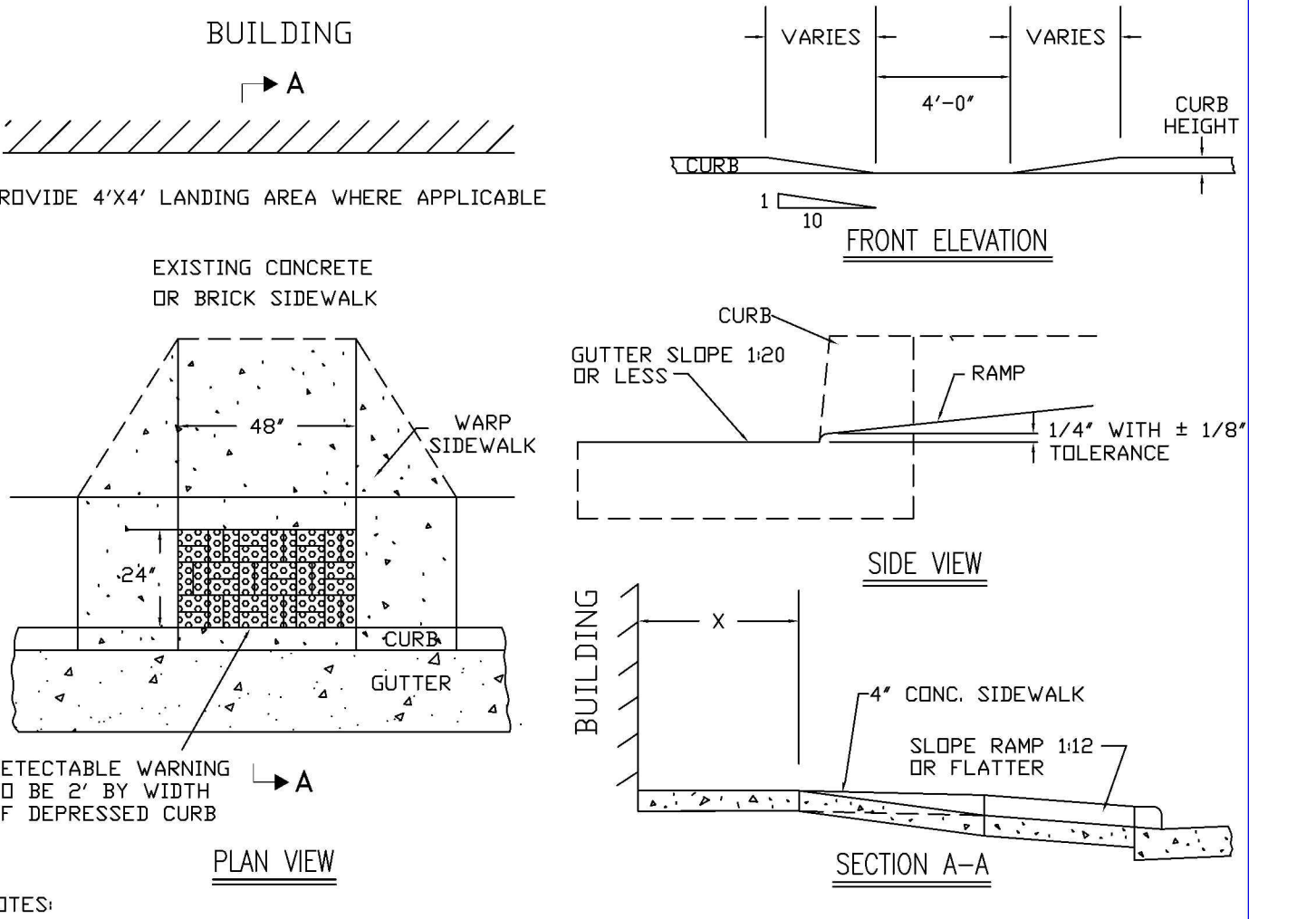
APPROVED: SIGNATURE ON FILE CITY ENGINEER
 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P06B



NOTE:
 1. STRIPING AND CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE AND CITY OF SAVANNAH CODES AND SPECIFICATIONS.
 2. ALL PAVEMENT MARKINGS AND STRIPING IN THE RIGHT-OF-WAY SHALL BE THERMOPLASTIC.

STANDARD CONSTRUCTION DETAILS
ADA HANDICAP PARKING SPACE STRIPING DETAIL

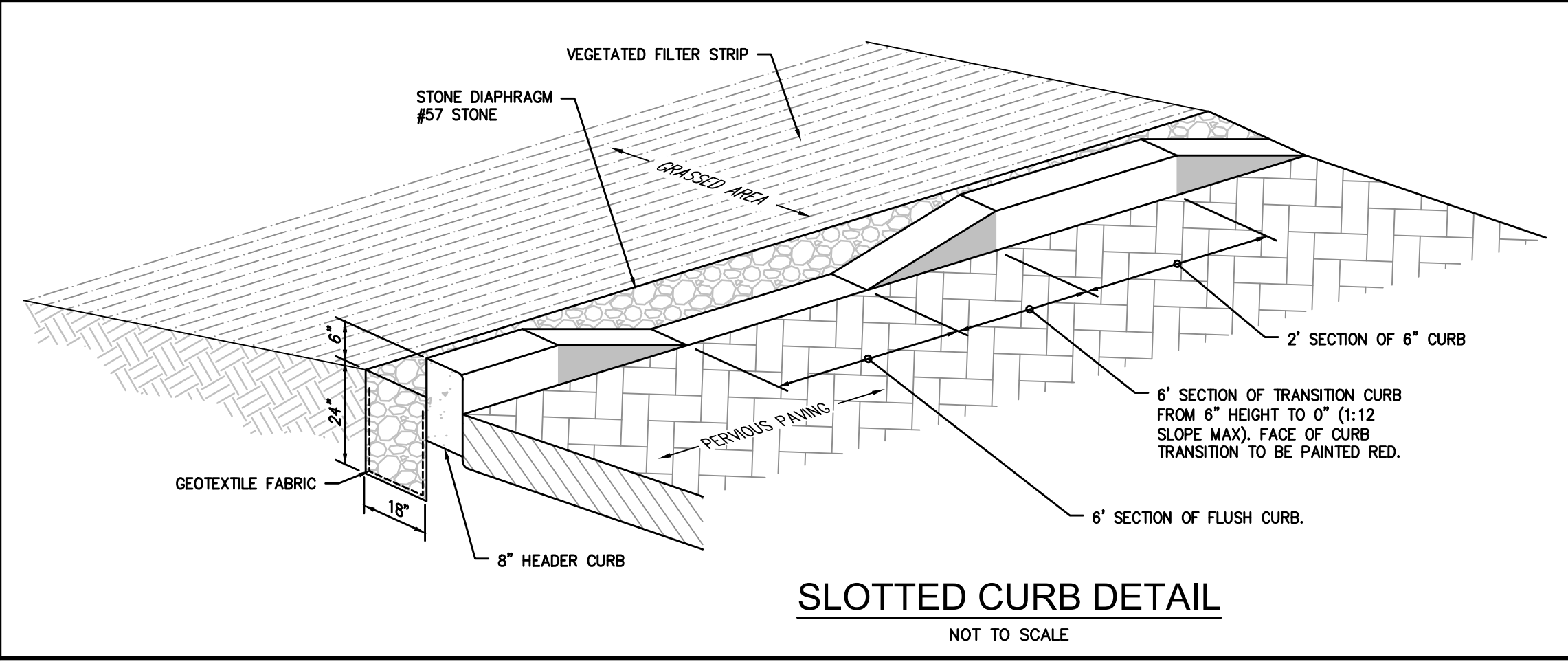
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 SCALE: N.T.S.
 DATE: FEBRUARY 2009
 PLATE NUMBER: P15



NOTES:
 1. HANDICAP RAMP CONSTRUCTION SHALL CONFORM TO ALL FEDERAL, STATE AND CITY OF SAVANNAH CODES AND SPECIFICATIONS.
 2. SURFACES SHALL MEET THE GUIDELINES OF THE ADA STANDARDS FOR ACCESSIBILITY, APPENDIX A, PART 36.
 3. WHERE SIDEWALK IS FLUSH WITH BACK OF CURB, DELETE ADDITIONAL 4' CONCRETE SIDEWALK AND TRANSITION THE CURB AND SIDEWALK SUCH THAT THE MAXIMUM SLOPE OF THE RAMP AND TRANSITION SIDEWALK IS 1:20.
 4. THE FLARED SIDES MUST HAVE A 1:10 SLOPE. IF THE DISTANCE X IS LESS THAN 48", THEN THE SLOPE OF THE FLARED SIDES SHALL NOT EXCEED 1:12.
 5. THE SLOPE OF THE GUTTER MUST NOT EXCEED 1:20 ADJACENT TO THE RAMP.
 6. DETECTABLE WARNING SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 INCHES, A HEIGHT OF NOMINAL 0.2 INCHES AND A CENTER TO CENTER SPACING OF NOMINAL 2.35 INCHES AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES. IF THE SIDEWALK AND RAMP ARE CONSTRUCTED OF CONCRETE, THE WARNING AREA SHALL BE RED BRICK IN COLOR. IF THE SIDEWALK AND RAMP ARE CONSTRUCTED OF RED BRICK, THE WARNING AREA SHALL BE GREY IN COLOR. THE COLOR USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.
 7. BRICK PAVERS SHALL BE SET IN A WET MORTAR BED, THE BED SHALL BE PLACED ON CONCRETE. THE CONCRETE SHALL BE A MINIMUM OF FOUR INCHES THICK.

STANDARD CONSTRUCTION DETAILS
HANDICAP RAMP

APPROVED: SIGNATURE ON FILE CITY ENGINEER
 SCALE: N.T.S.
 DATE: JANUARY 2009
 PLATE NUMBER: P06

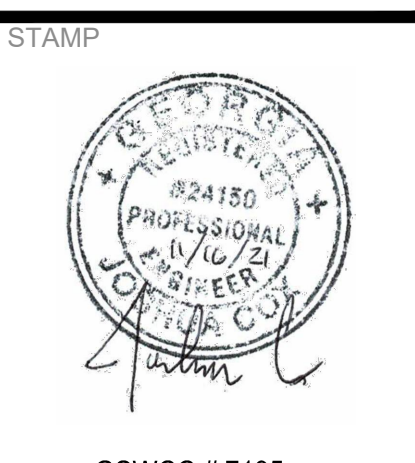
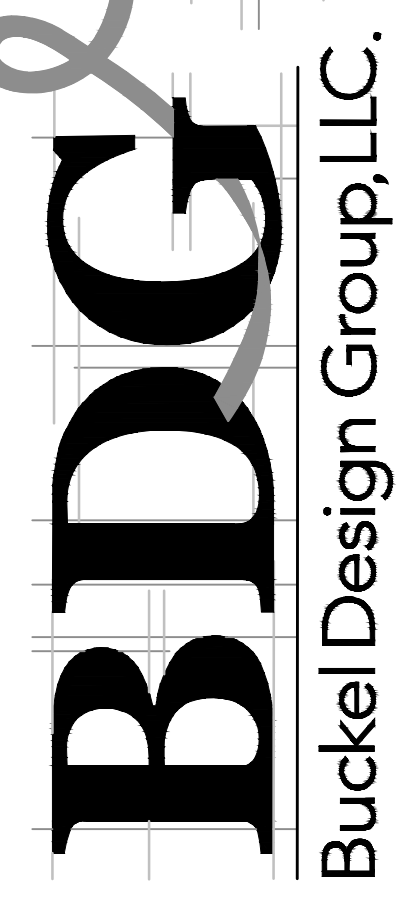


STANDARD CONSTRUCTION DETAILS
SLOTTED CURB DETAIL

NOT TO SCALE



3471 DONAVILLE ST
 DULUTH, GA 30096
 PHONE: 404-567-5701
 FAX: 404-567-5703
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GSWCC #7195

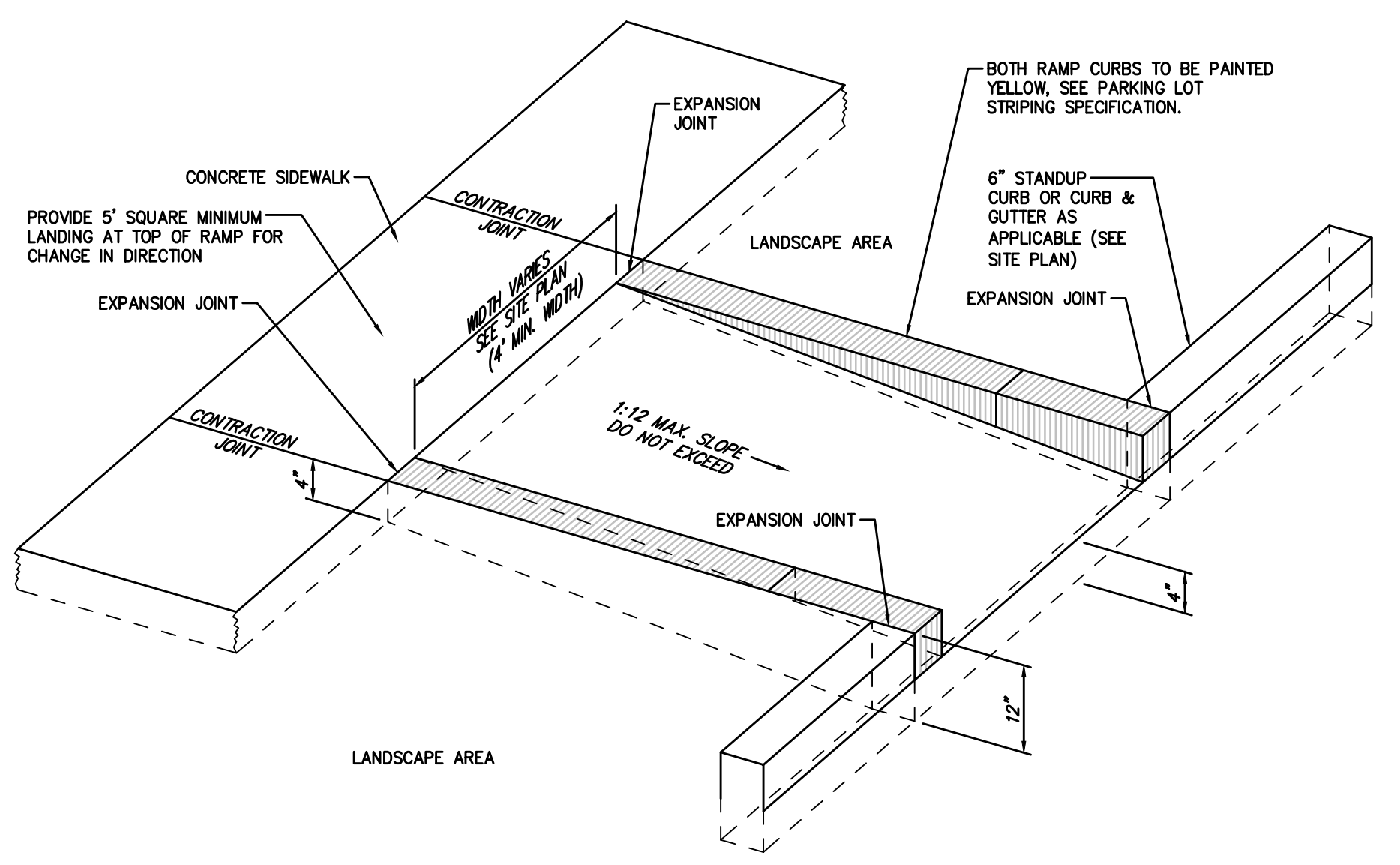
PROPOSED: **Parker's Kitchen**
 SAVANNAH, GA 31405
 FOR: **ATLAS SHRUGGED II, LLC**
 SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

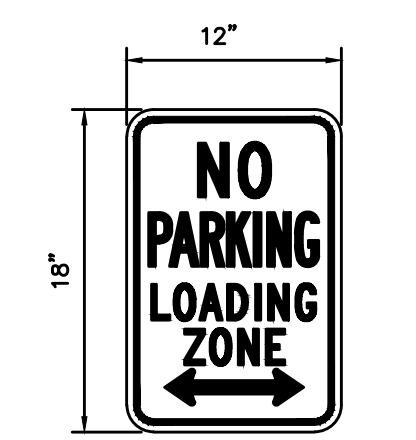
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 ISSUED FOR CONSTRUCTION
 PROJECT NO.: 19-180
 FILE: 19-180_DETAILS

SHEET
D-4

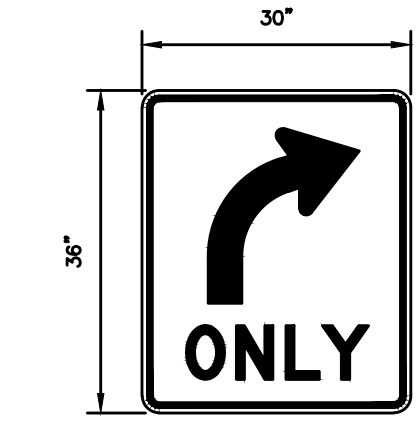
SITE DETAILS



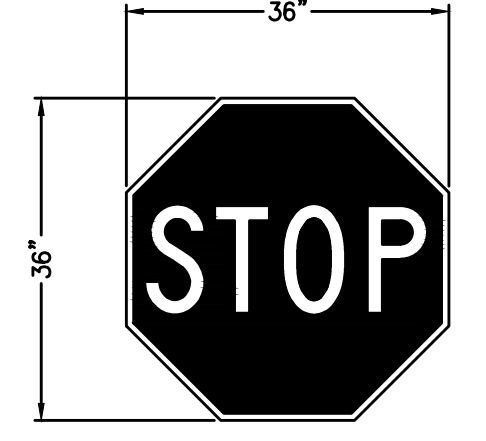
RETURNED CURB ACCESSIBLE RAMP
N.T.S.



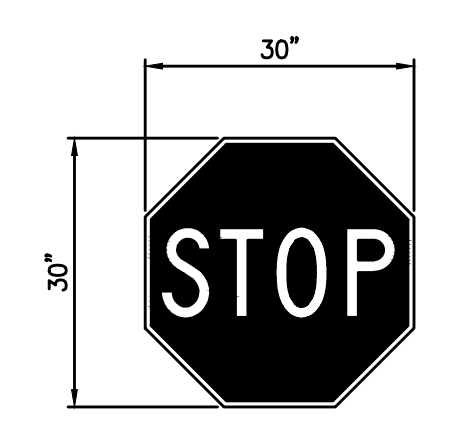
RED LEGEND ON WHITE BACKGROUND
R7-6
"NO PARKING - LOADING ZONE" SIGN
N.T.S.



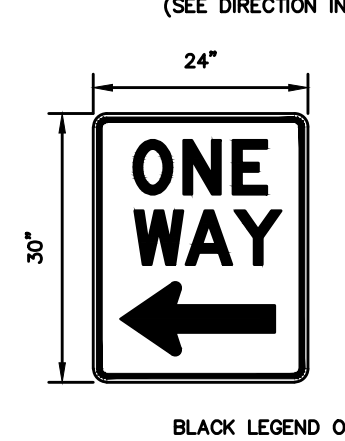
BLACK LEGEND ON WHITE BACKGROUND
R3-5R
"RIGHT TURN ONLY" SIGN
N.T.S.



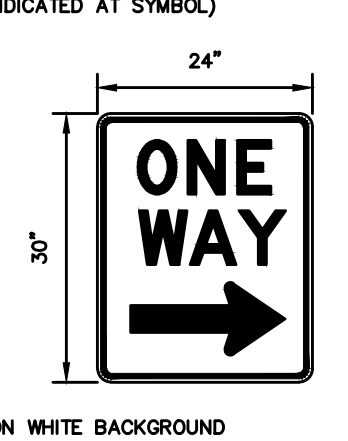
WHITE LEGEND RED BACKGROUND
R1-1
36"X36"
"STOP" SIGN
N.T.S.



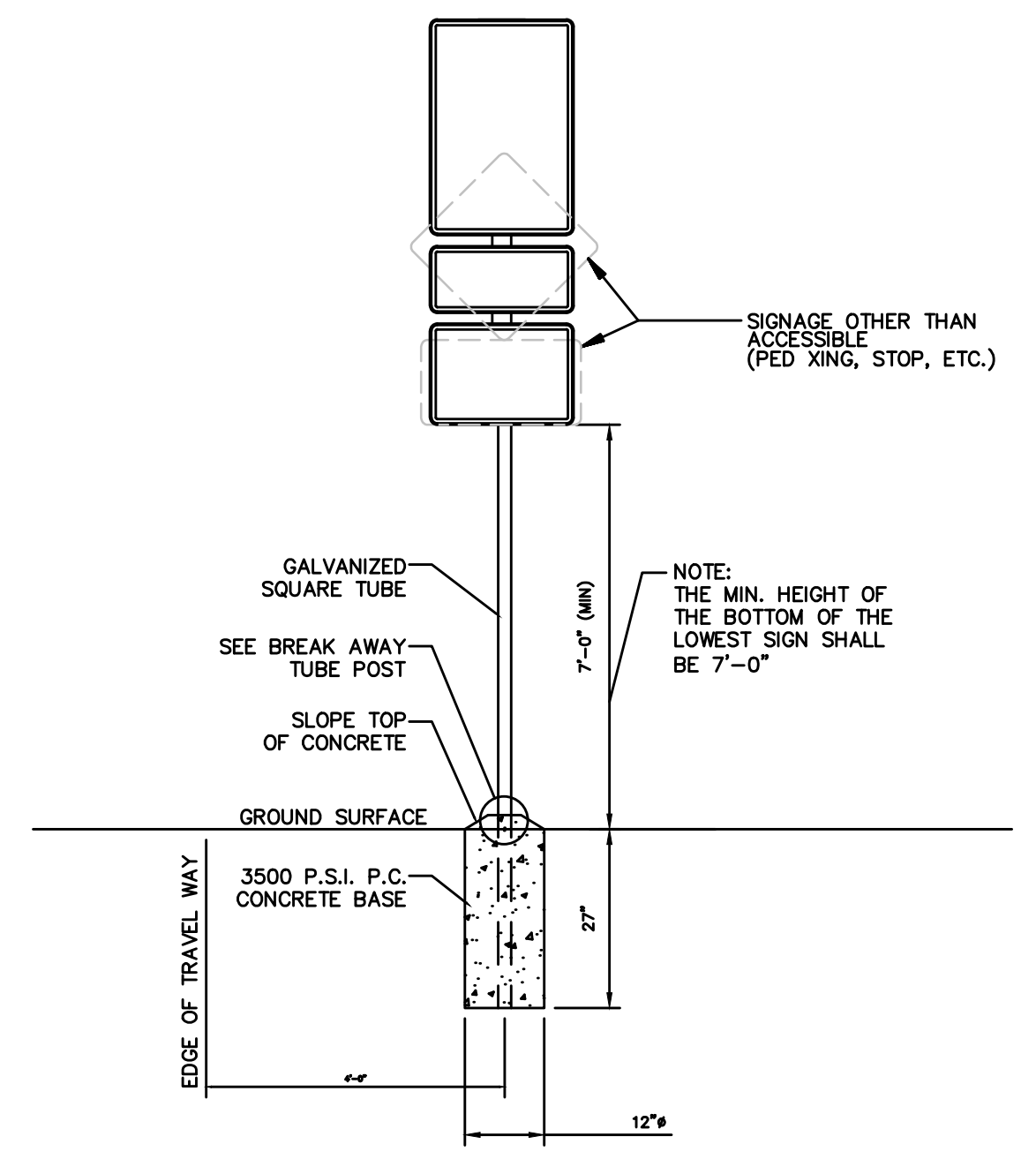
WHITE LEGEND RED BACKGROUND
R1-1
30"X30"
"STOP" SIGN
N.T.S.



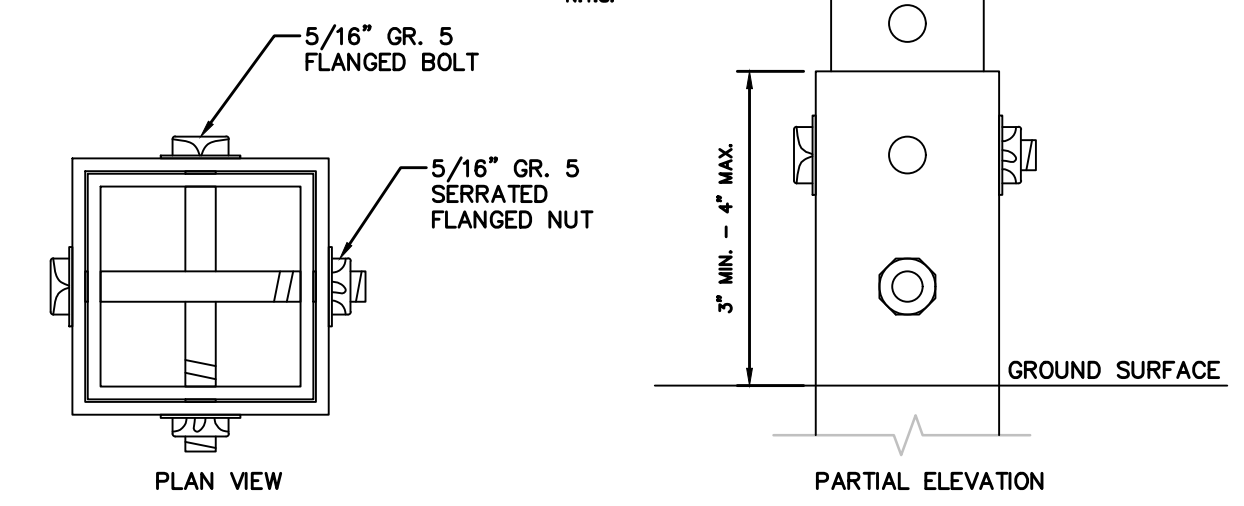
BLACK LEGEND ON WHITE BACKGROUND
R6-2L
"ONE WAY" SIGNS
N.T.S.



BLACK LEGEND ON WHITE BACKGROUND
R6-2R
"ONE WAY" SIGNS
N.T.S.



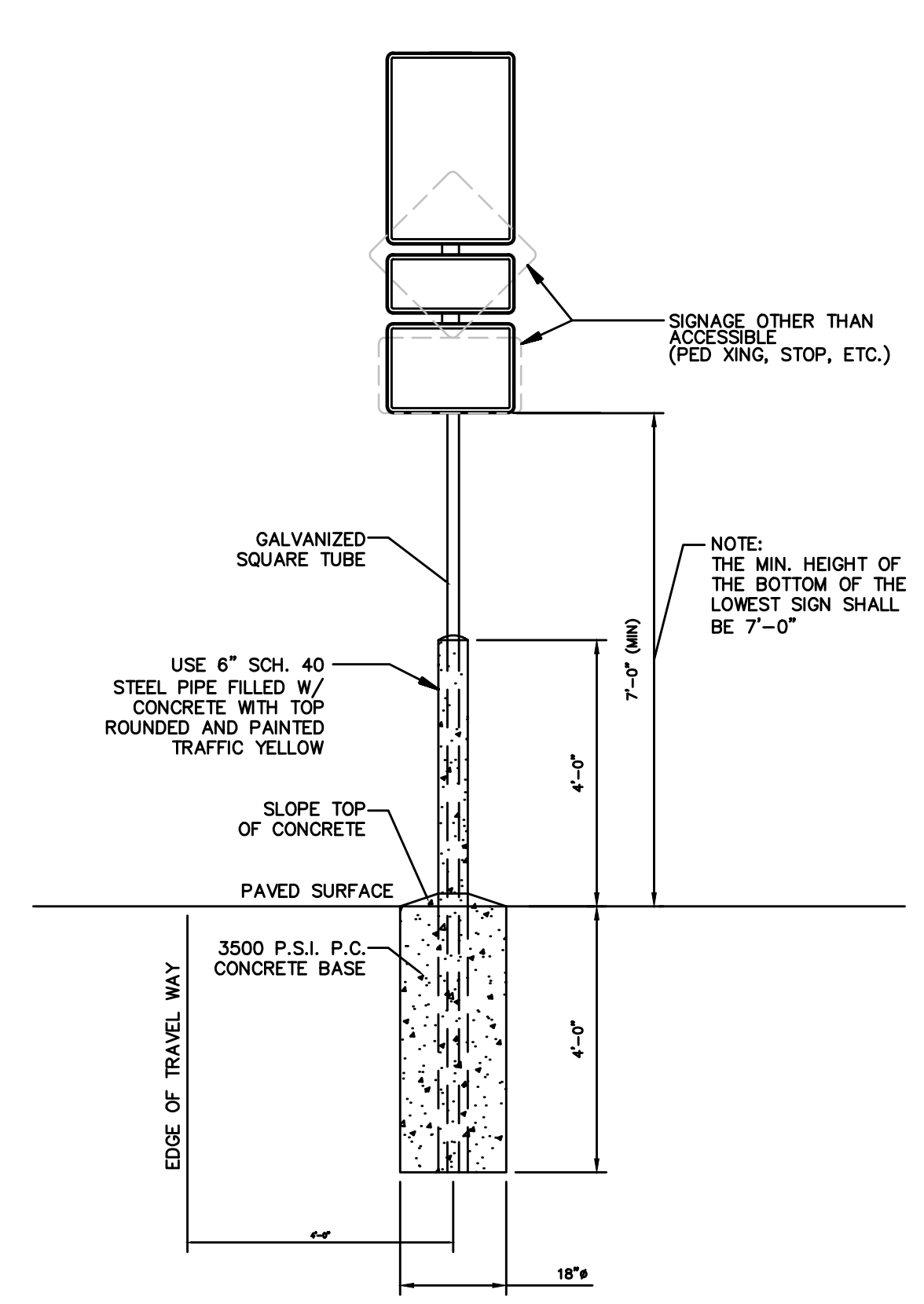
SINGLE POST
N.T.S.



SQUARE TUBE BREAK AWAY POST
N.T.S.

- NOTES:
- ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - GALVANIZED SQUARE TUBE
POST TUBES - 2"x2"x3/16" 14ga
POST TUBE SHALL MEET ASTM A1011 GRADE 50.
POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.
ANCHOR TUBE - 2-1/4"x2-1/4"x3/16" 14ga
HEAVY DUTY ANCHOR TUBE SHALL MEET ASTM A500 GRADE B.
STRUCTURAL TUBE AND STEEL SHALL BE HOT DIP GALVANIZED PER ASTM A123.
THE UPPER SIGN POST SHALL TELESCOPE INSIDE THE ANCHOR TUBE A MINIMUM OF 12". THE ANCHOR TUBE SHALL BE A MINIMUM 27" DEEP WITH 3" MIN. 4" MAX. EXPOSED ABOVE FINISH GRADE.

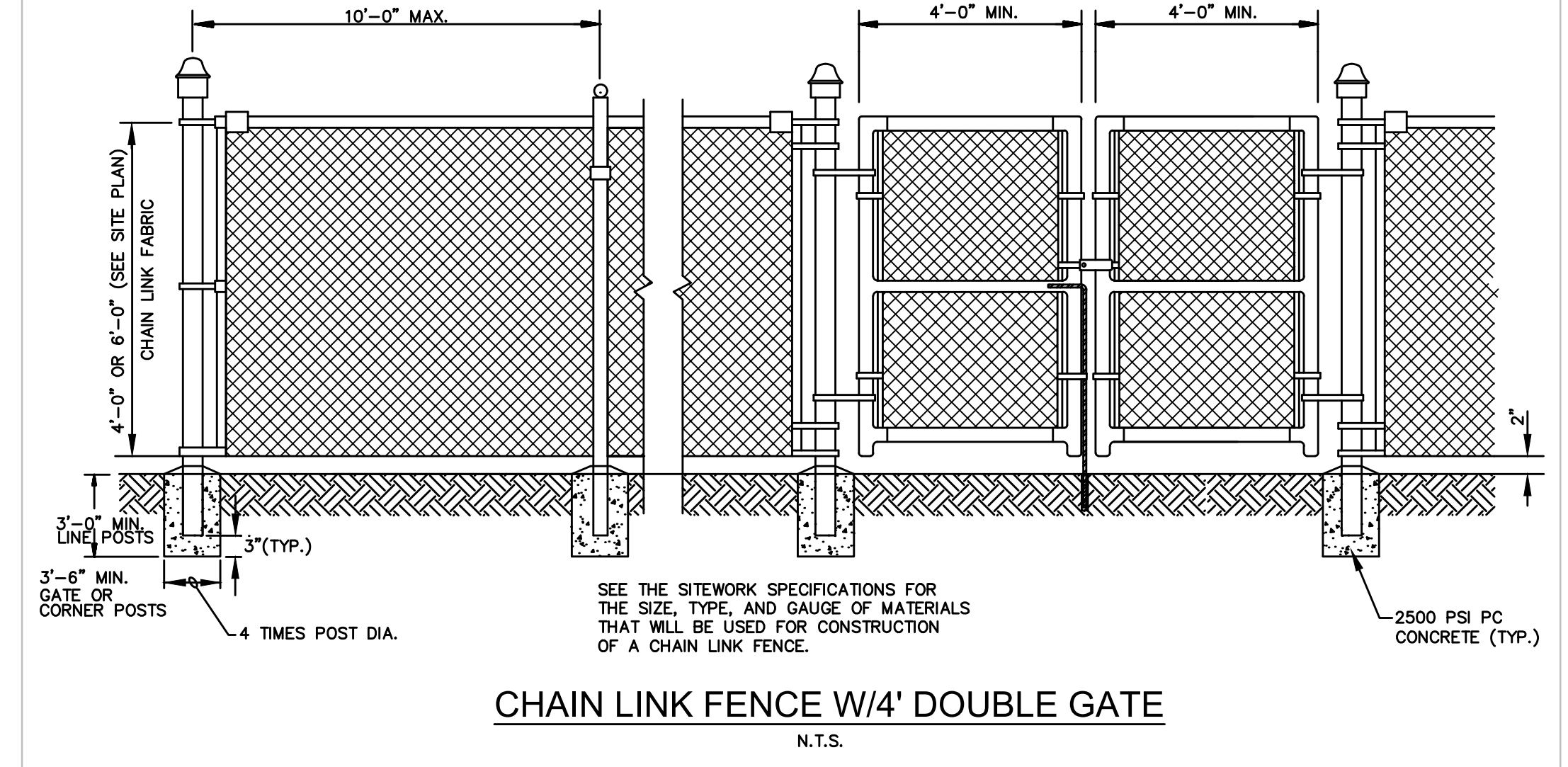
SIGN MOUNTING AND BASE WITHOUT BOLLARD
(USE WHERE SIGN IS WITHIN CURBED ISLAND)
N.T.S.



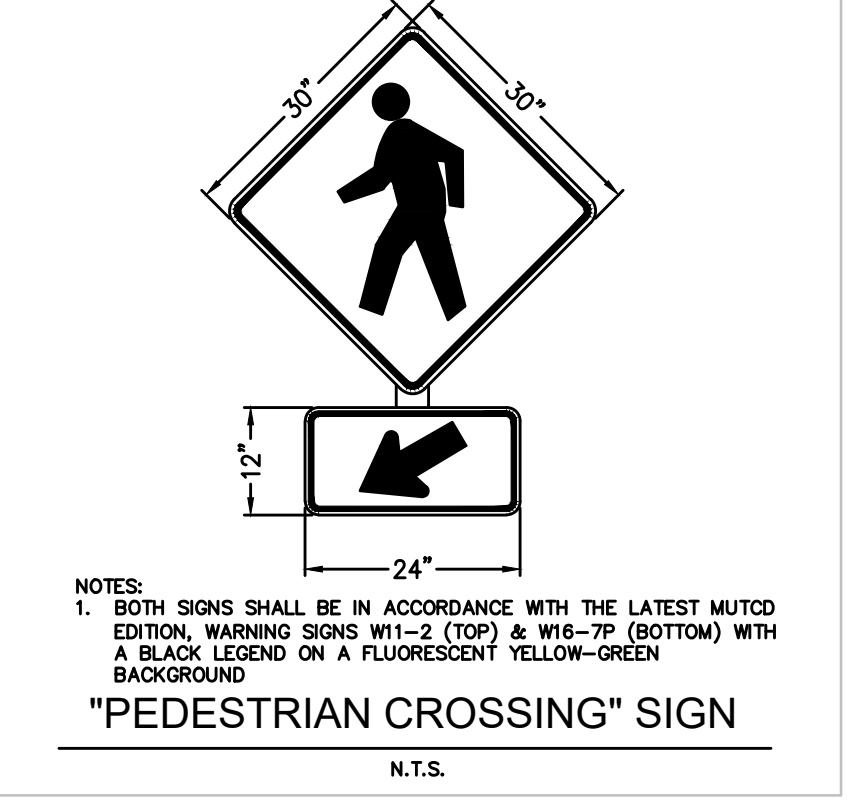
SINGLE POST
N.T.S.

- NOTES:
- ALL SIGNS SHALL COMPLY WITH U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", LOCAL CODES AND AS SPECIFIED. MOUNT SIGNS TO POST IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - GALVANIZED SQUARE TUBE
POST TUBES - 2"x2"x3/16" 14ga
POST TUBE SHALL MEET ASTM A1011 GRADE 50.
POST TUBE GALVANIZED AS PER ASTM A653 GRADE 90.

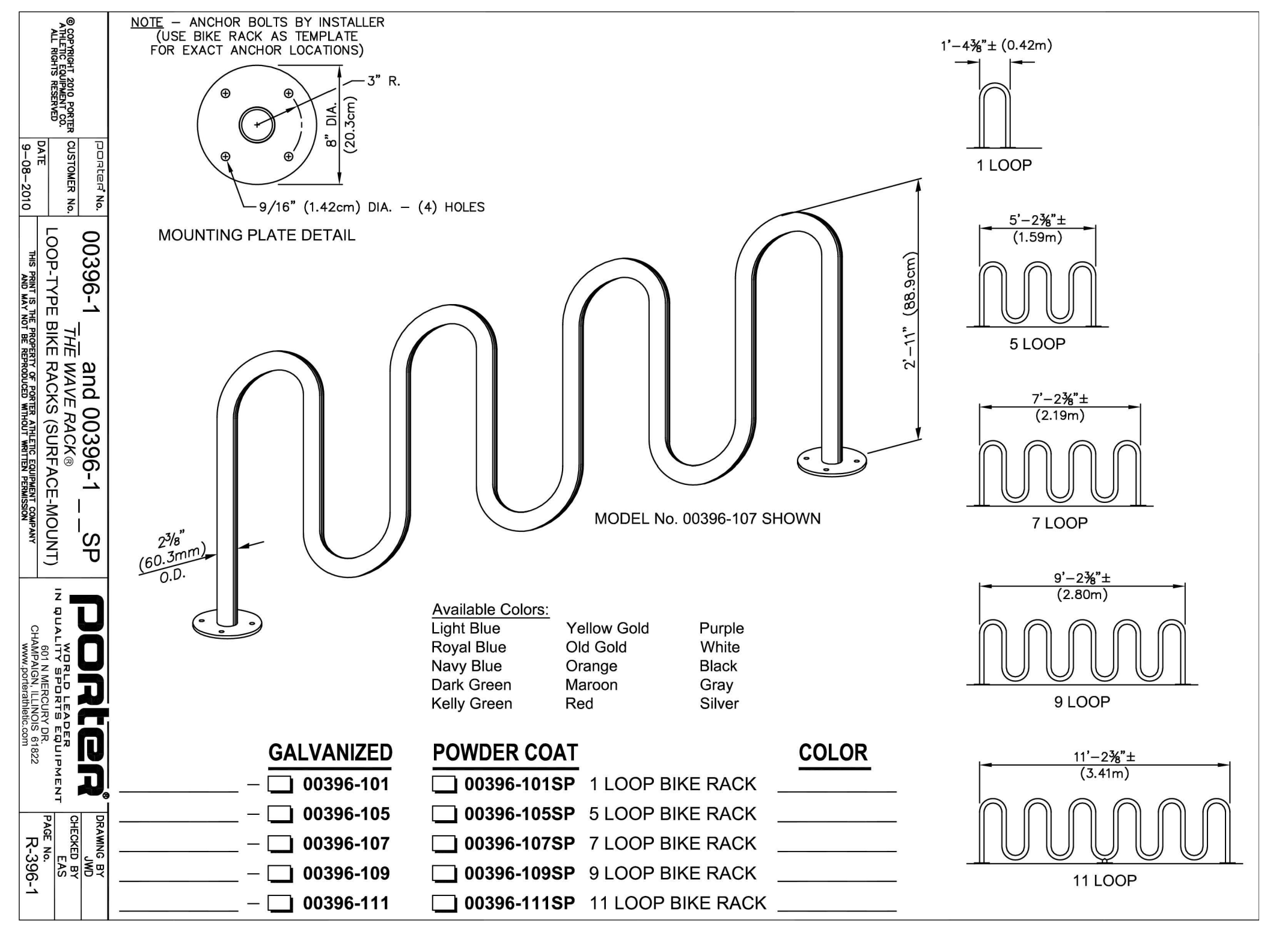
SIGN MOUNTING AND BASE WITH BOLLARD
(USE WHERE SIGN IS NOT WITHIN CURBED ISLAND)
N.T.S.



CHAIN LINK FENCE W/4' DOUBLE GATE
N.T.S.



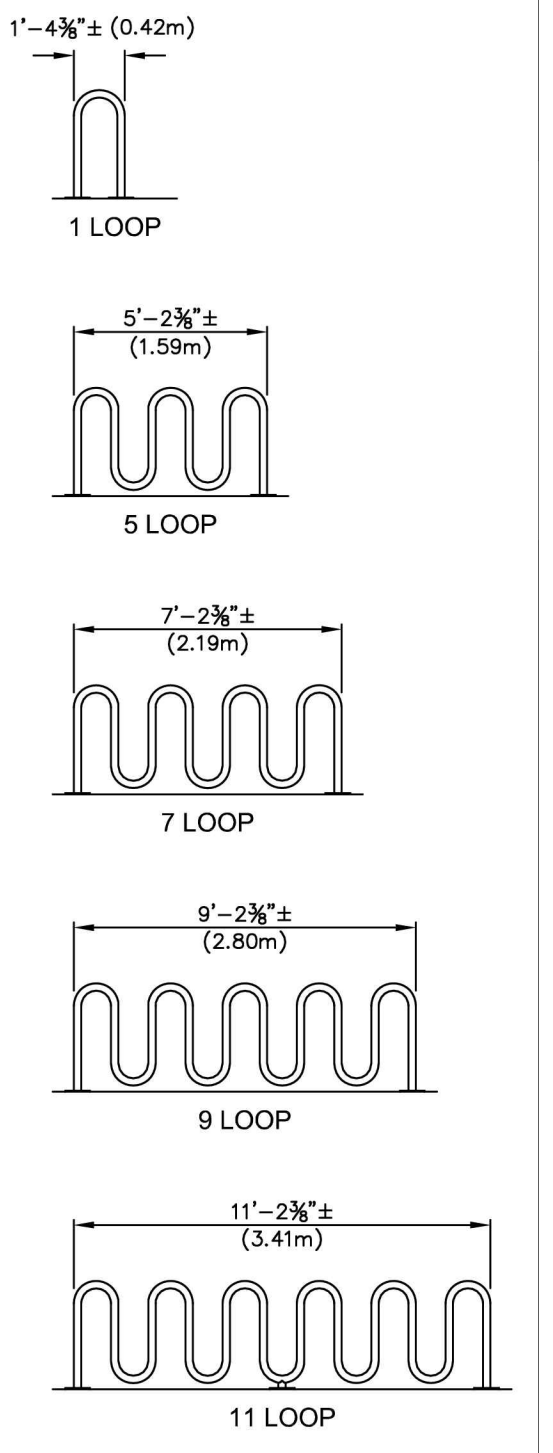
NOTES:
1. BOTH SIGNS SHALL BE IN ACCORDANCE WITH THE LATEST MUTCD EDITION. WARNING SIGNS W11-2 (TOP) & W11-7P (BOTTOM) WITH A BLACK LEGEND ON A FLUORESCENT YELLOW-GREEN BACKGROUND
"PEDESTRIAN CROSSING" SIGN
N.T.S.



00396-1 - THE WAVE RACK
LOOP-TYPE BIKE RACKS (SURFACE-MOUNT)

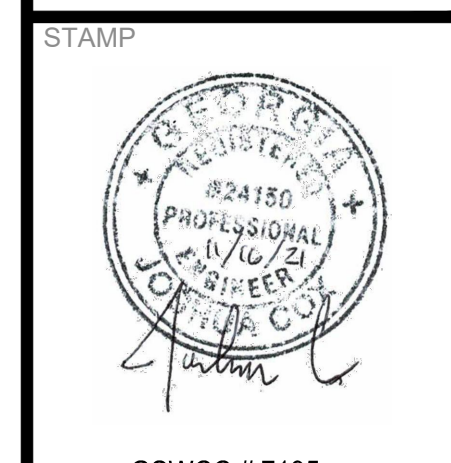
GALVANIZED	POWDER COAT	COLOR
00396-101	00396-101SP	1 LOOP BIKE RACK
00396-105	00396-105SP	5 LOOP BIKE RACK
00396-107	00396-107SP	7 LOOP BIKE RACK
00396-109	00396-109SP	9 LOOP BIKE RACK
00396-111	00396-111SP	11 LOOP BIKE RACK

Available Colors:	Yellow Gold	Purple
Light Blue	Old Gold	White
Royal Blue	Orange	Black
Navy Blue	Maroon	Gray
Dark Green	Red	Silver
Kelly Green		



3471 DONAVILLE ST
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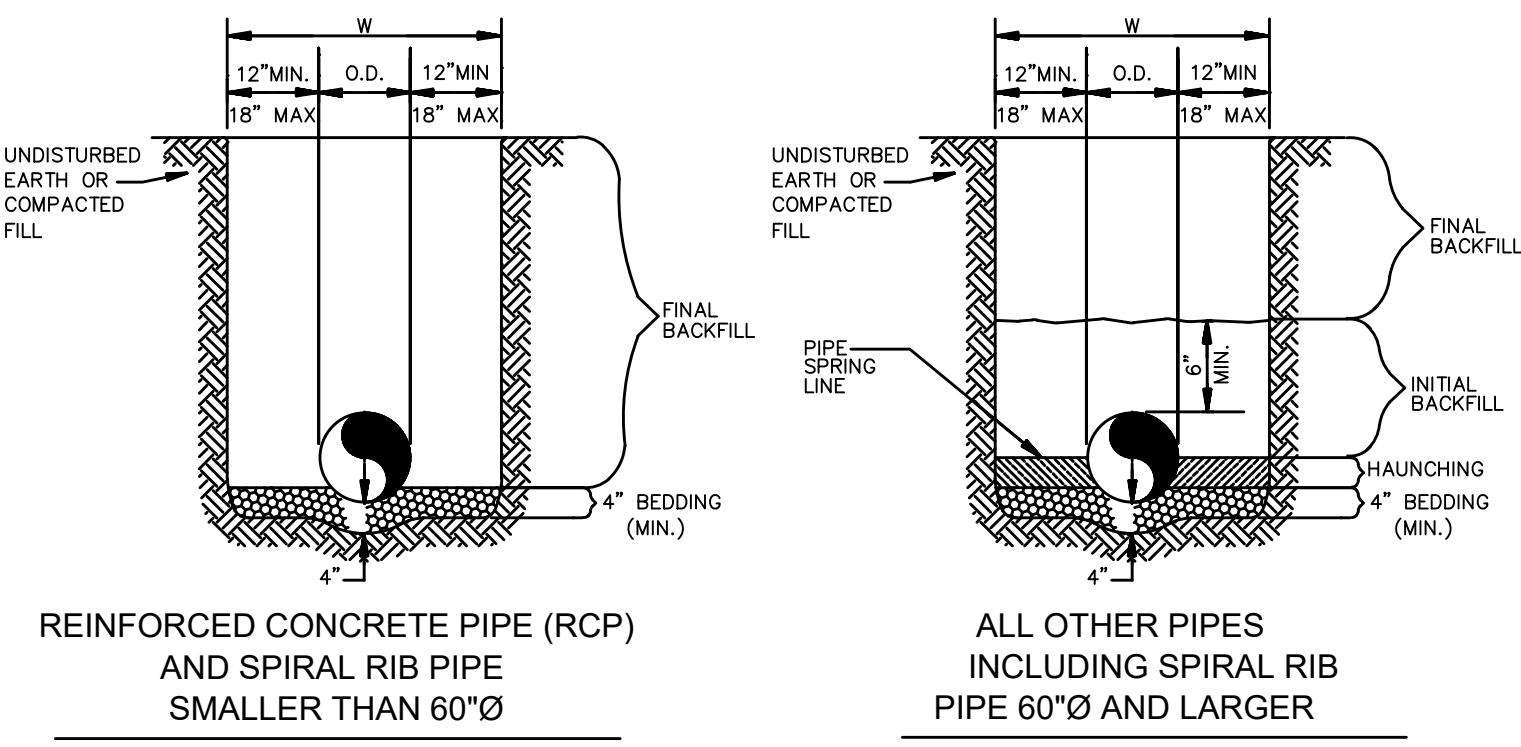
PROPOSED BY: **Parker's Kitchen**
SAVANNAH, GA 31405
FOR: ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS

SHEET
D-5

SITE DETAILS

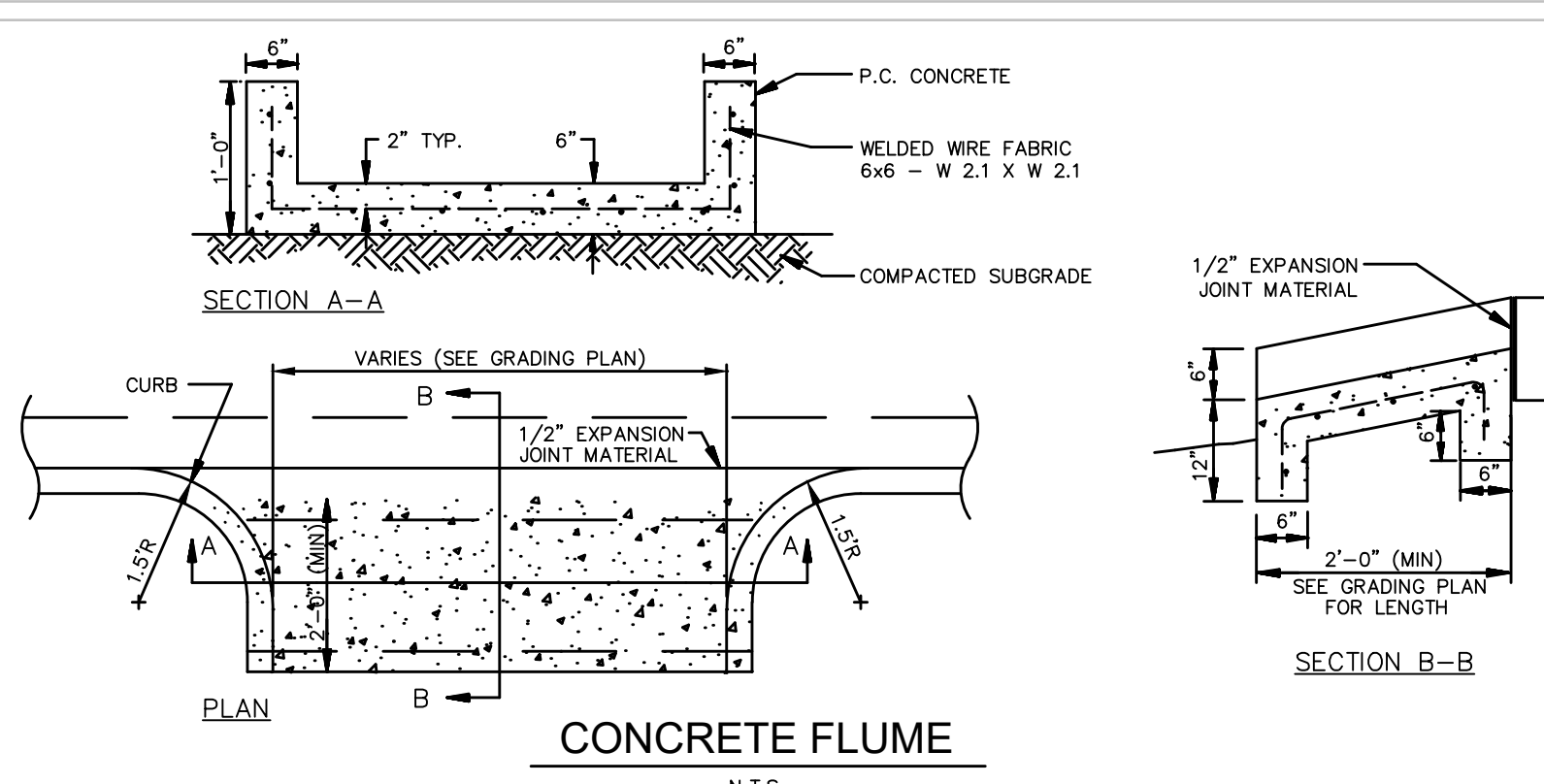


REINFORCED CONCRETE PIPE (RCP) AND SPIRAL RIB PIPE SMALLER THAN 60"

ALL OTHER PIPES INCLUDING SPIRAL RIB PIPE 60" AND LARGER

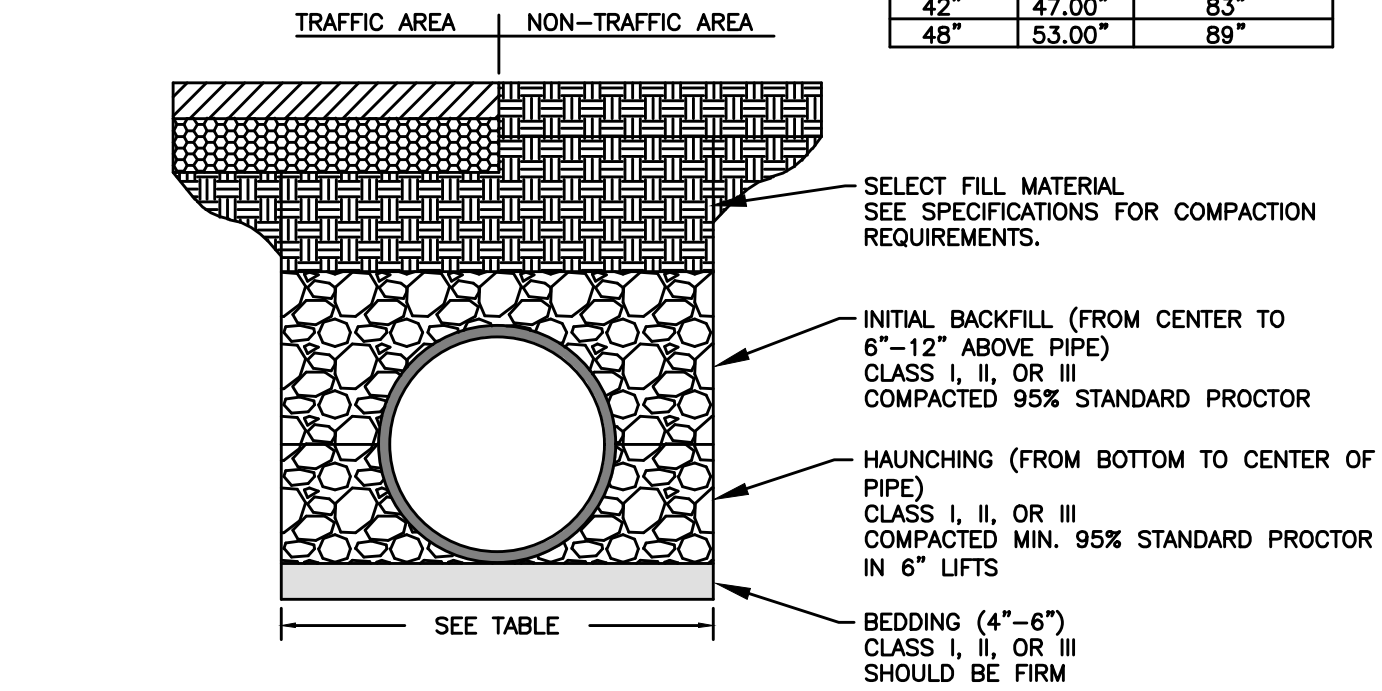
- GENERAL NOTES**
1. BEDDING SHALL BE CLASS I-A WORKED BY HAND. IF GROUNDWATER IS ANTICIPATED, THEN BEDDING SHALL BE CLASS I-B COMPACTED TO 85% STANDARD PROCTOR.
 2. HAUNCHING SHALL BE WORKED AROUND THE PIPE BY HAND TO ELIMINATE VOIDS AND SHALL BE CLASS I-A OR CLASS I-B OR CLASS II COMPACTED TO 85% PROCTOR.
 3. INITIAL BACKFILL SHALL BE CLASS I-A WORKED BY HAND, OR CLASS I-B OR CLASS II COMPACTED TO 85% STANDARD PROCTOR.
 4. INITIAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS III COMPACTED TO 90% STANDARD PROCTOR.
 5. FINAL BACKFILL SHALL BE CLASS I, II, OR III COMPACTED AS NOTED IN NOTES 3. AND 4.
 6. FINAL BACKFILL NOT UNDER PAVED AREAS CAN BE CLASS IV-A COMPACTED TO 95% STANDARD PROCTOR.
 7. ALL MATERIALS ARE CLASSIFIED IN ACCORDANCE WITH ASTM D 2321-LATEST EDITION.
 8. ALL MATERIALS SHALL BE INSTALLED IN MAXIMUM 8" LOOSE LIFTS IN ACCORDANCE WITH ASTM D 698. CLASS II AND IV-A MATERIALS SHALL BE COMPACTED NEAR OPTIMUM MOISTURE CONTENT.
 9. FILL SALVAGED FROM EXCAVATION SHALL BE FREE OF DEBRIS, ORGANICS AND ROCKS LARGER THAN 3".
 10. ALL TRENCH EXCAVATIONS SHALL BE SLOPED, SHORED, SHEETED, BRACED, OR OTHERWISE SUPPORTED IN COMPLIANCE WITH OSHA REGULATIONS AND LOCAL ORDINANCES. (SEE SPECIFICATIONS)

STORM SEWER TRENCH AND BEDDING

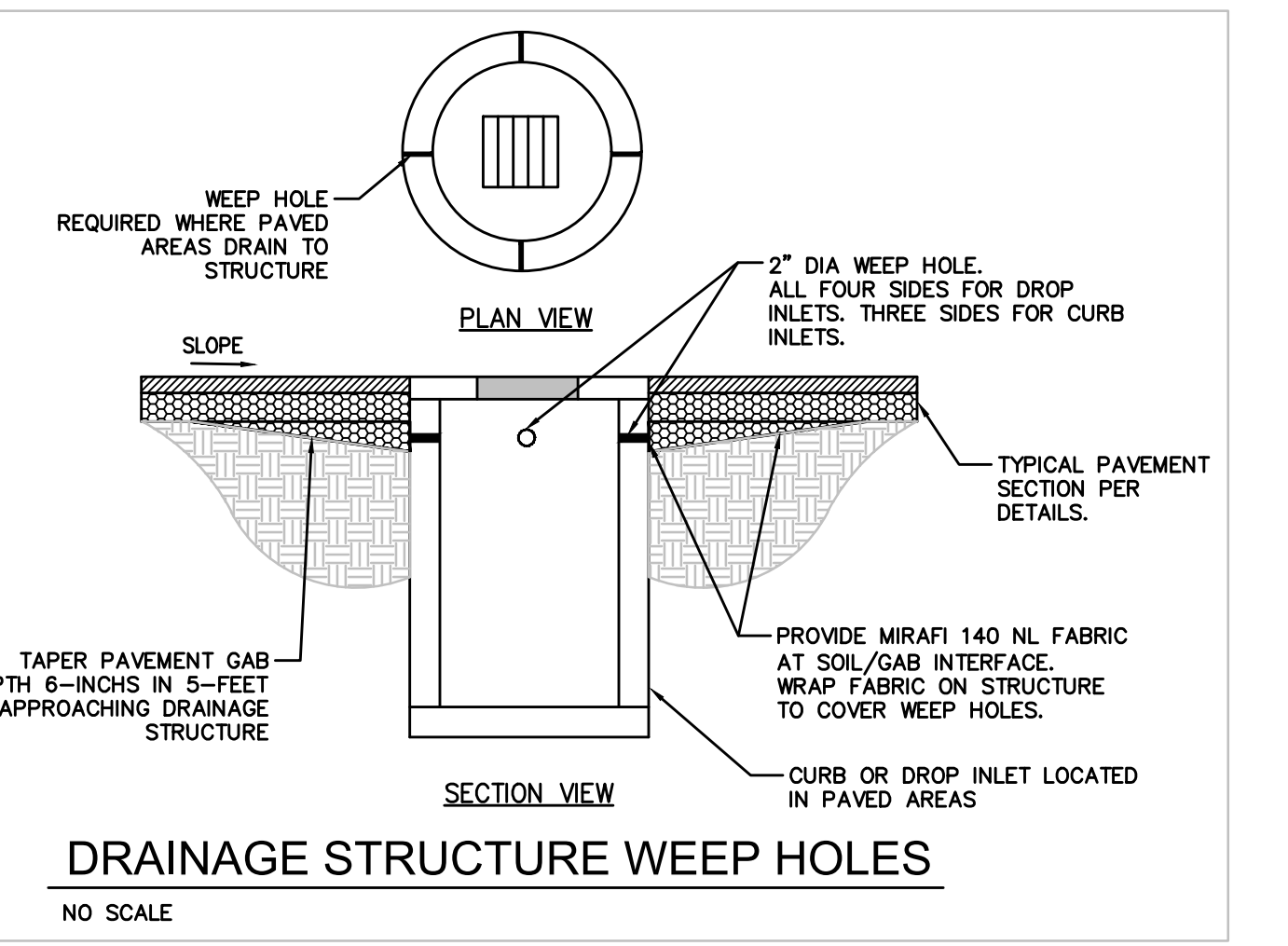


CONCRETE FLUME

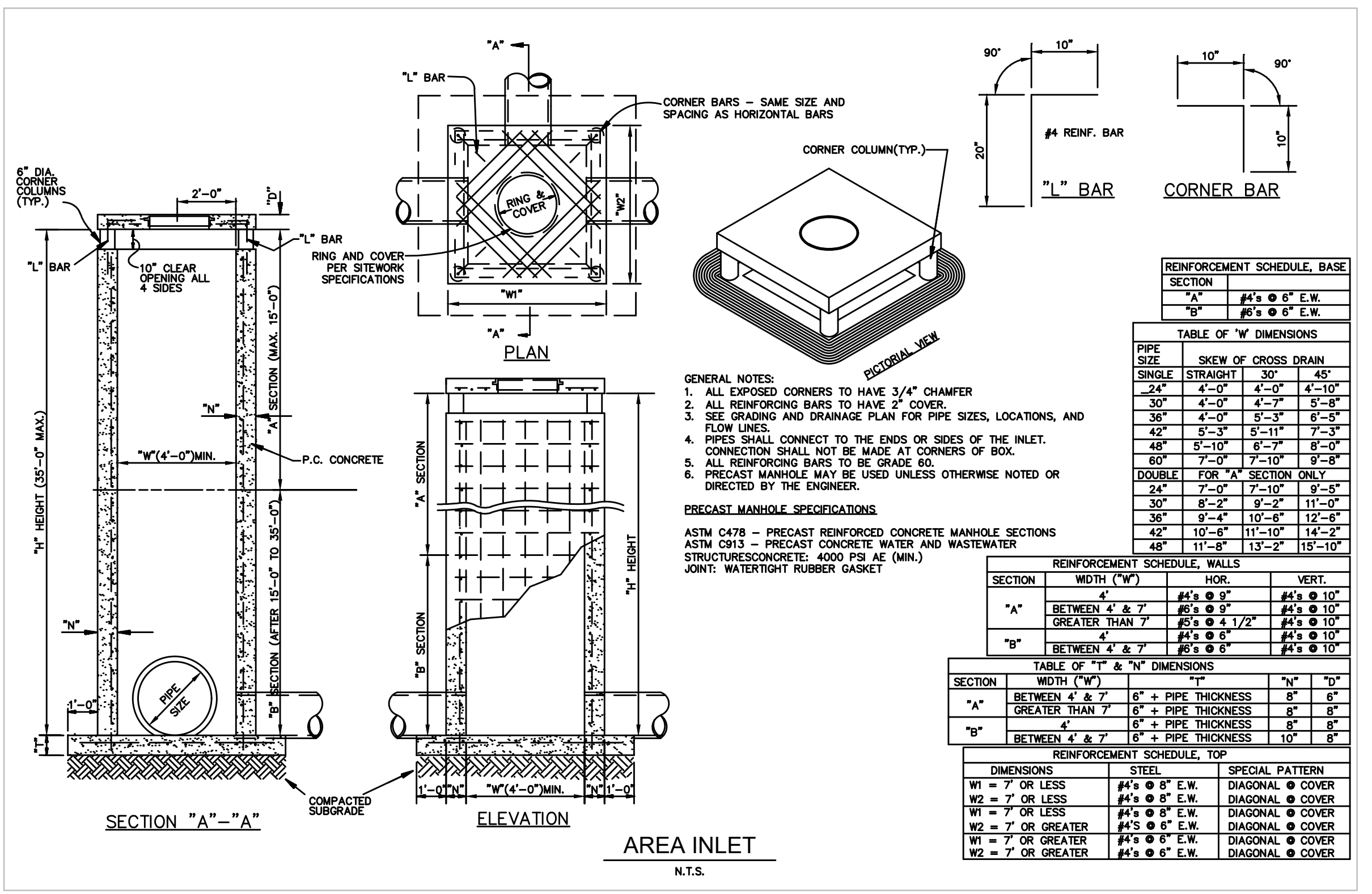
DIAMETER	O.D.	RECOMMENDED TRENCH WIDTH
4"	4.72"	21"
6"	6.95"	23"
8"	9.16"	25"
10"	11.31"	28"
12"	14.45"	31"
15"	17.65"	34"
18"	21.10"	39"
24"	28.30"	48"
30"	36.10"	66"
36"	42.45"	78"
42"	47.00"	83"
48"	53.00"	89"



HDPE PIPE TRENCHING AND BACKFILL REQUIREMENTS



DRAINAGE STRUCTURE WEEP HOLES



- GENERAL NOTES:**
1. ALL EXPOSED CORNERS TO HAVE 3/4" CHAMFER
 2. ALL REINFORCING BARS TO HAVE 2" COVER
 3. SEE GRADING AND DRAINAGE PLAN FOR PIPE SIZES, LOCATIONS, AND FLOW LINES.
 4. PIPES SHALL CONNECT TO THE ENDS OR SIDES OF THE INLET. CONNECTION SHALL NOT BE MADE AT CORNERS OF BOX.
 5. ALL REINFORCING BARS TO BE GRADE 60.
 6. PRECAST MANHOLE MAY BE USED UNLESS OTHERWISE NOTED OR DIRECTED BY THE ENGINEER.

REINFORCEMENT SCHEDULE, BASE

SECTION	WIDTH (W)	REINFORCEMENT
"A"	4"	#4 @ 6" E.W.
"B"	6"	#4 @ 6" E.W.

TABLE OF "W" DIMENSIONS

PIPE SIZE	SKIEW OF CROSS DRAIN
24"	30"
30"	45"
36"	60"
42"	75"
48"	90"
60"	135"

REINFORCEMENT SCHEDULE, WALLS

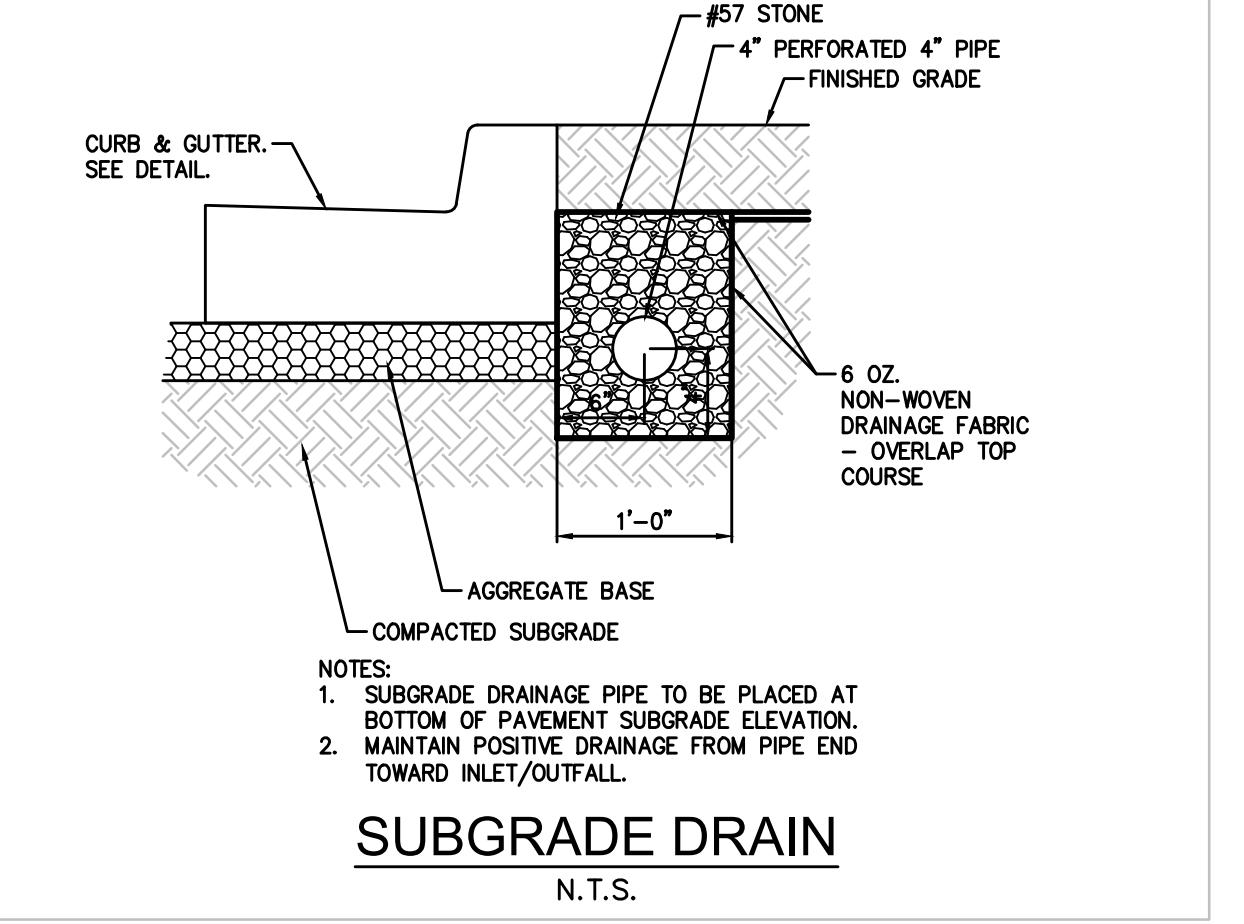
SECTION	WIDTH (W)	HOR.	VERT.
"A"	BETWEEN 4" & 7"	#4 @ 8"	#4 @ 10"
"B"	BETWEEN 7" & 10"	#4 @ 4 1/2"	#4 @ 10"
"C"	BETWEEN 10" & 12"	#4 @ 6"	#4 @ 10"
"D"	BETWEEN 12" & 15"	#4 @ 8"	#4 @ 10"

TABLE OF "T" & "N" DIMENSIONS

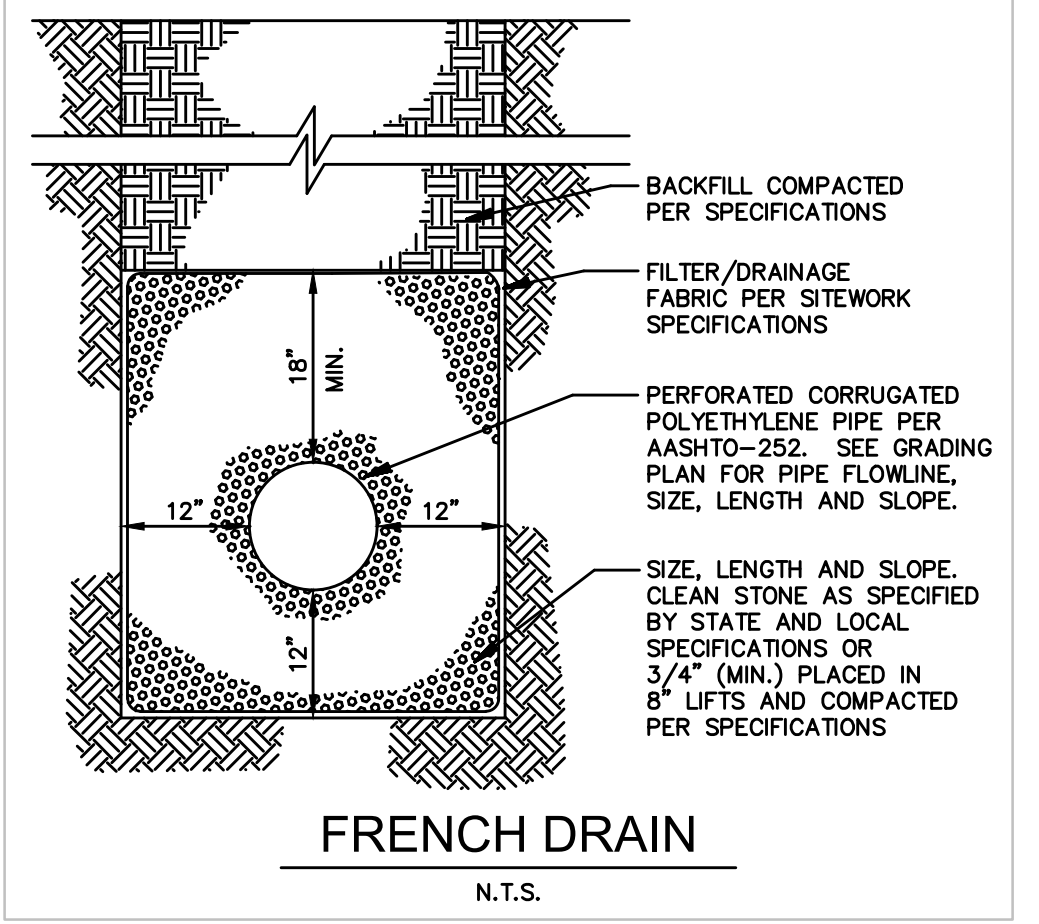
SECTION	WIDTH (W)	"T"	"N"	"D"
"A"	BETWEEN 4" & 7"	6" + PIPE THICKNESS	8"	6"
"B"	BETWEEN 7" & 10"	6" + PIPE THICKNESS	8"	8"
"C"	BETWEEN 10" & 12"	6" + PIPE THICKNESS	8"	8"
"D"	BETWEEN 12" & 15"	6" + PIPE THICKNESS	10"	8"

REINFORCEMENT SCHEDULE, TOP

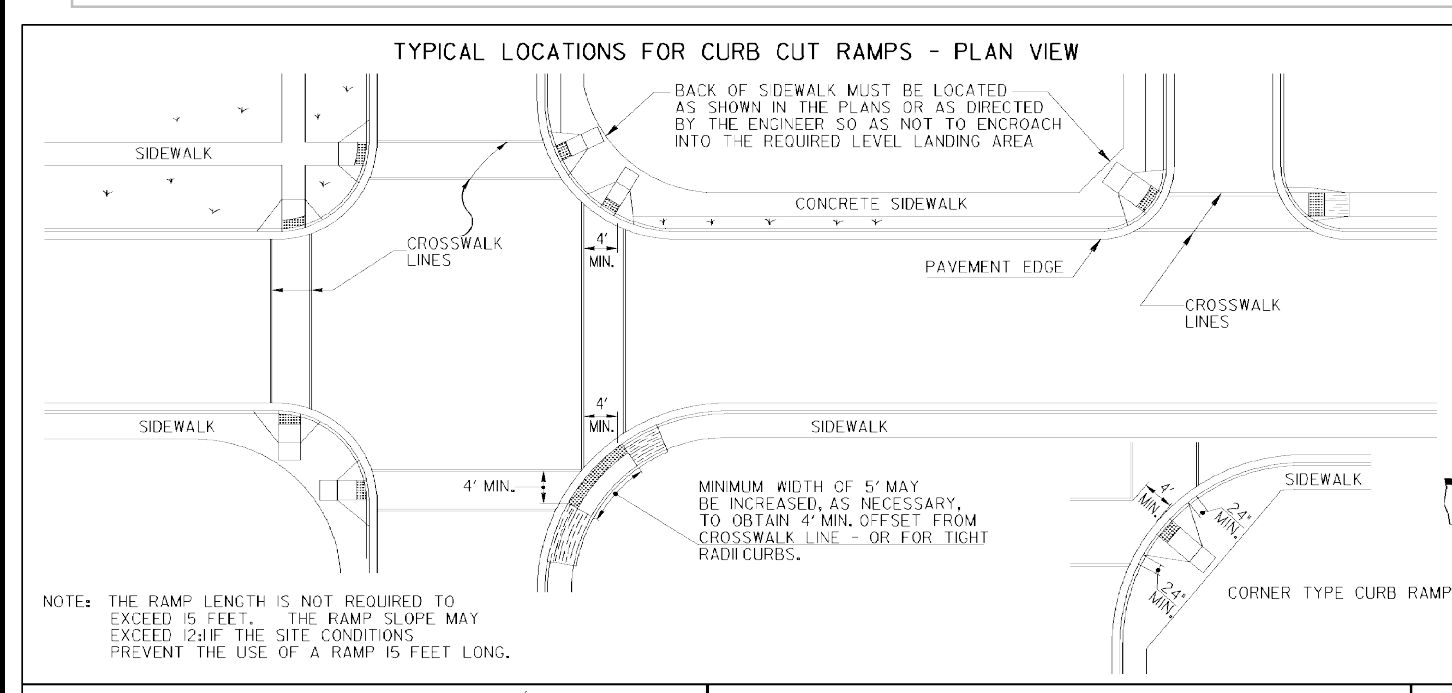
DIMENSIONS	STEEL	SPECIAL PATTERN
W1 = 7" OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER
W2 = 7" OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER
W1 = 7" OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER
W2 = 7" OR LESS	#4 @ 8" E.W.	DIAGONAL @ COVER
W1 = 7" OR GREATER	#4 @ 8" E.W.	DIAGONAL @ COVER
W2 = 7" OR GREATER	#4 @ 8" E.W.	DIAGONAL @ COVER



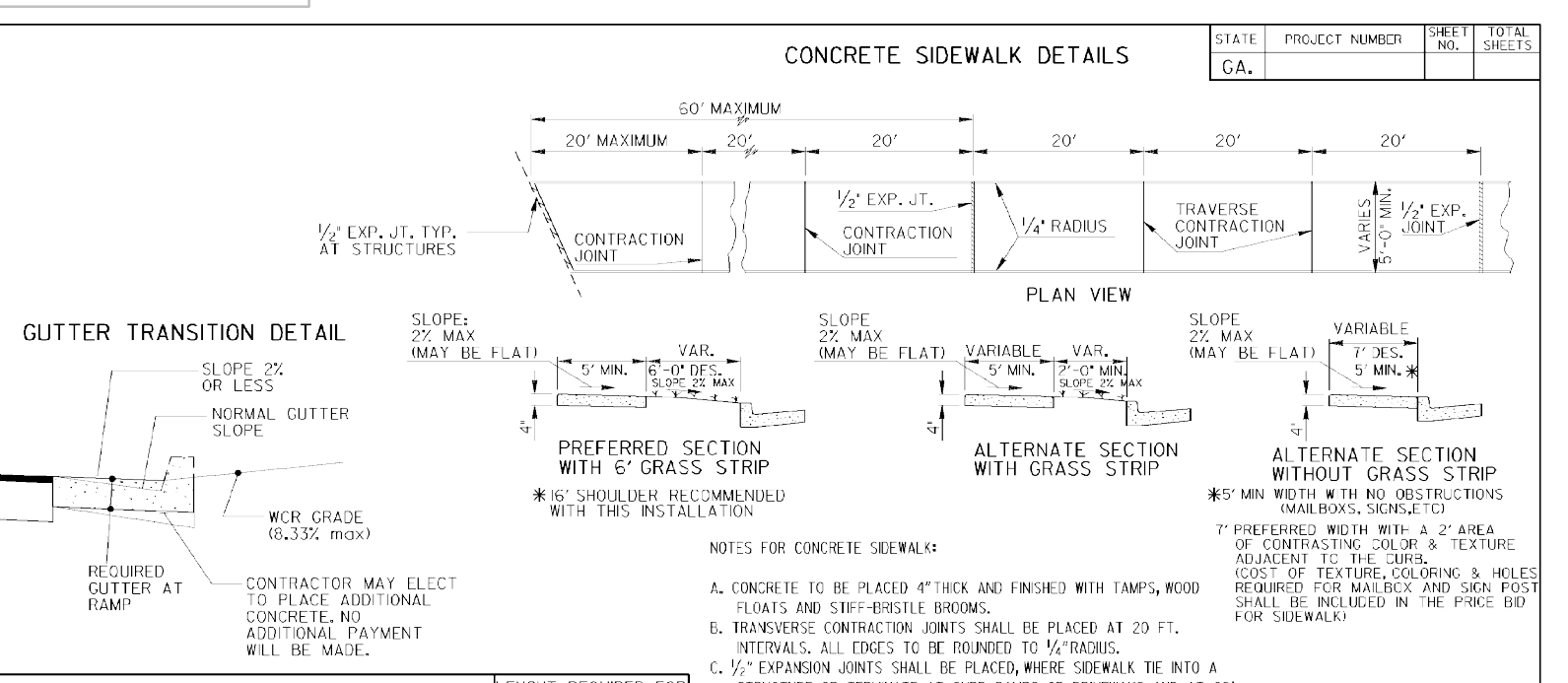
SUBGRADE DRAIN



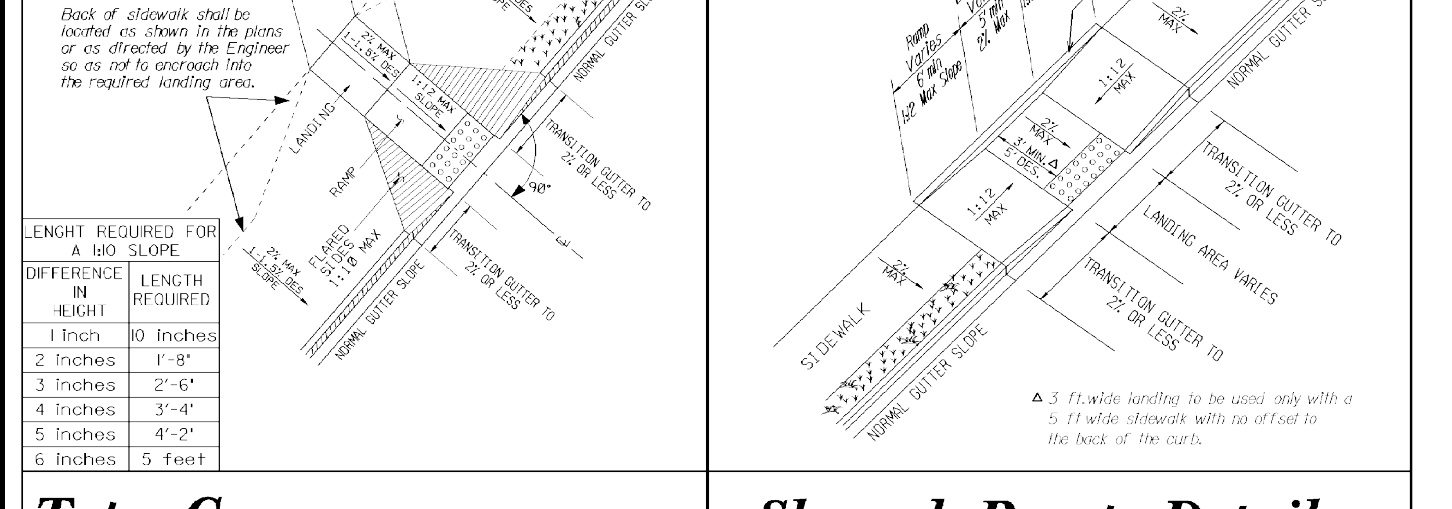
FRENCH DRAIN



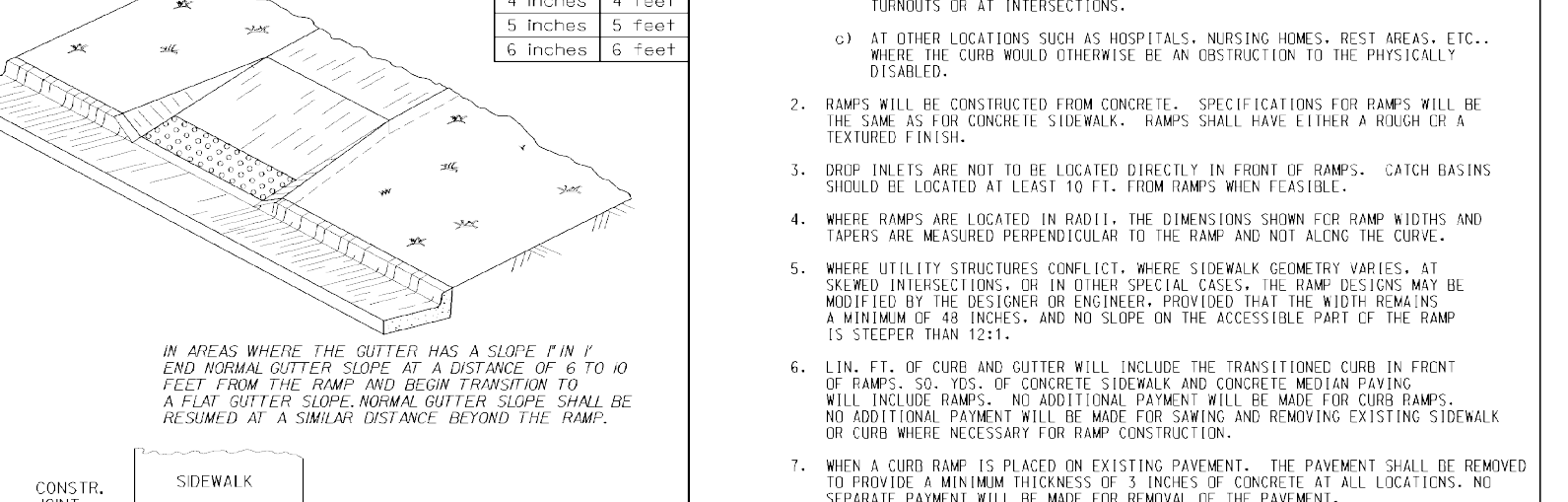
TYPICAL LOCATIONS FOR CURB CUT RAMPS - PLAN VIEW



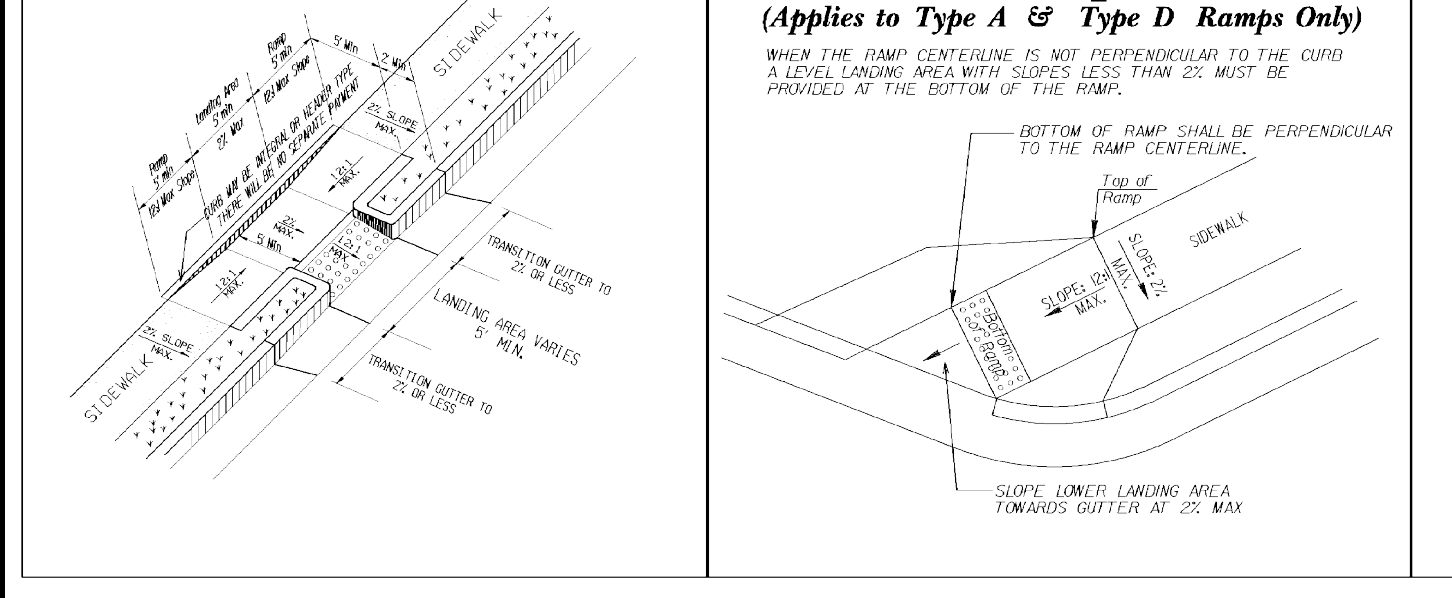
CONCRETE SIDEWALK DETAILS



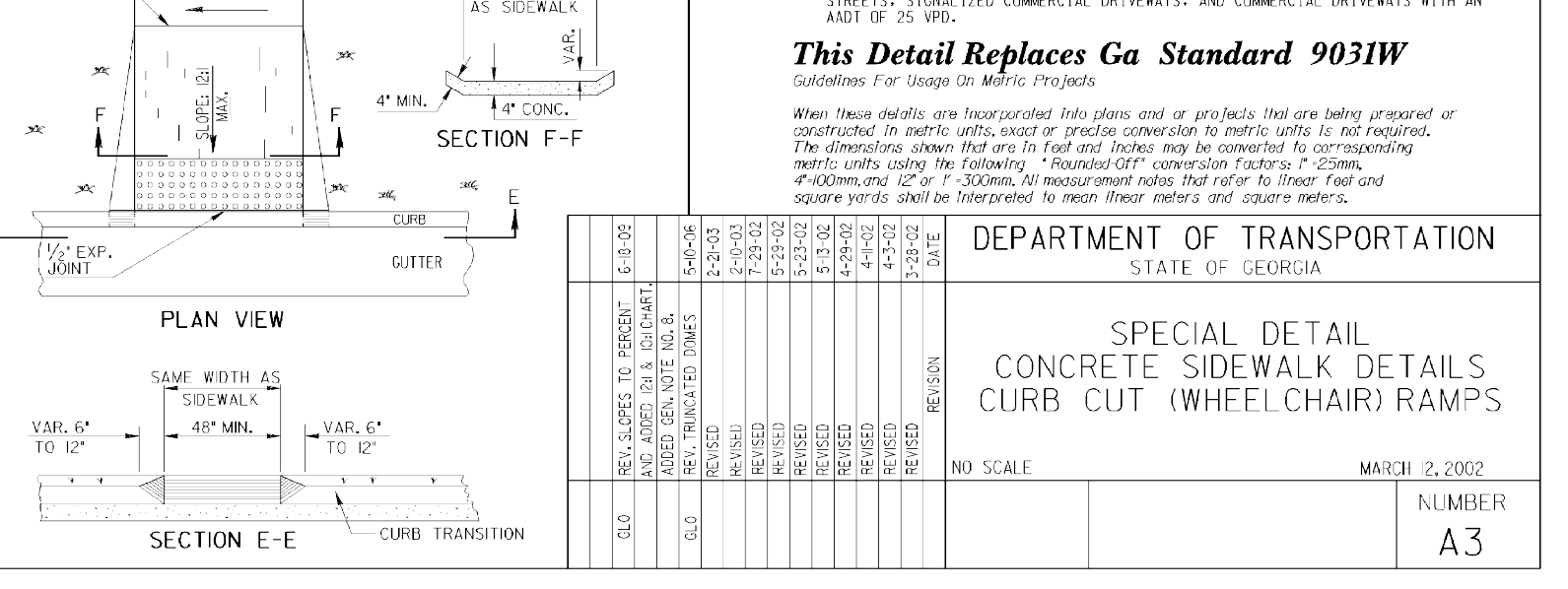
Type A



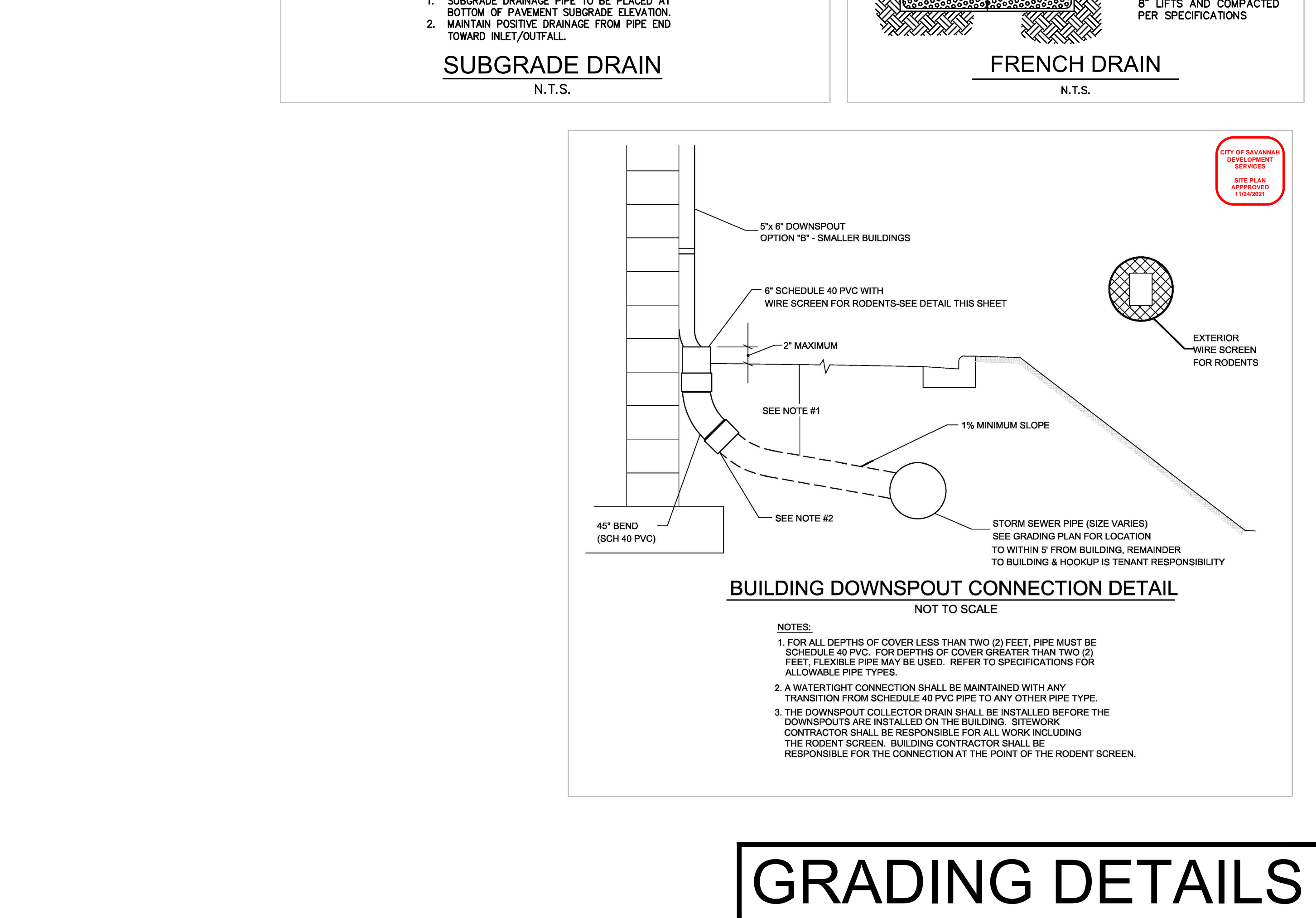
Type B



Type C



Skewed Ramp Details



BUILDING DOWNSPOUT CONNECTION DETAIL

- NOTES:**
1. FOR ALL DEPTHS OF COVER LESS THAN TWO (2) FEET, PIPE MUST BE SCHEDULE 40 PVC. FOR DEPTHS OF COVER GREATER THAN TWO (2) FEET, FLEXIBLE PIPE MAY BE USED. REFER TO SPECIFICATIONS FOR ALLOWABLE PIPE TYPES.
 2. A WATERTIGHT CONNECTION SHALL BE MAINTAINED WITH ANY TRANSITION FROM SCHEDULE 40 PVC PIPE TO ANY OTHER PIPE TYPE.
 3. THE DOWNSPOUT COLLECTOR DRAIN SHALL BE INSTALLED BEFORE THE DOWNSPOUTS ARE INSTALLED ON THE BUILDING. SITEWORK CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK INCLUDING THE RODENT SCREEN. BUILDING CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONNECTION AT THE POINT OF THE RODENT SCREEN.

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

SPECIAL DETAIL CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS

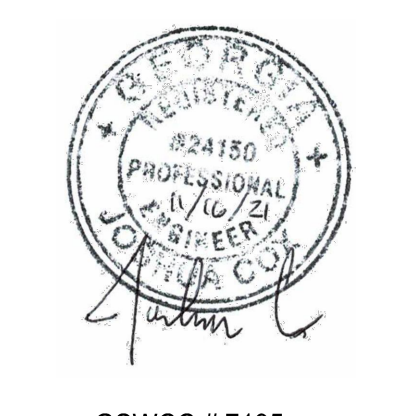
NO SCALE

MARCH 2, 2002

NUMBER A3

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
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BDG
Bucket Design Group, LLC.



GSWCC #7195

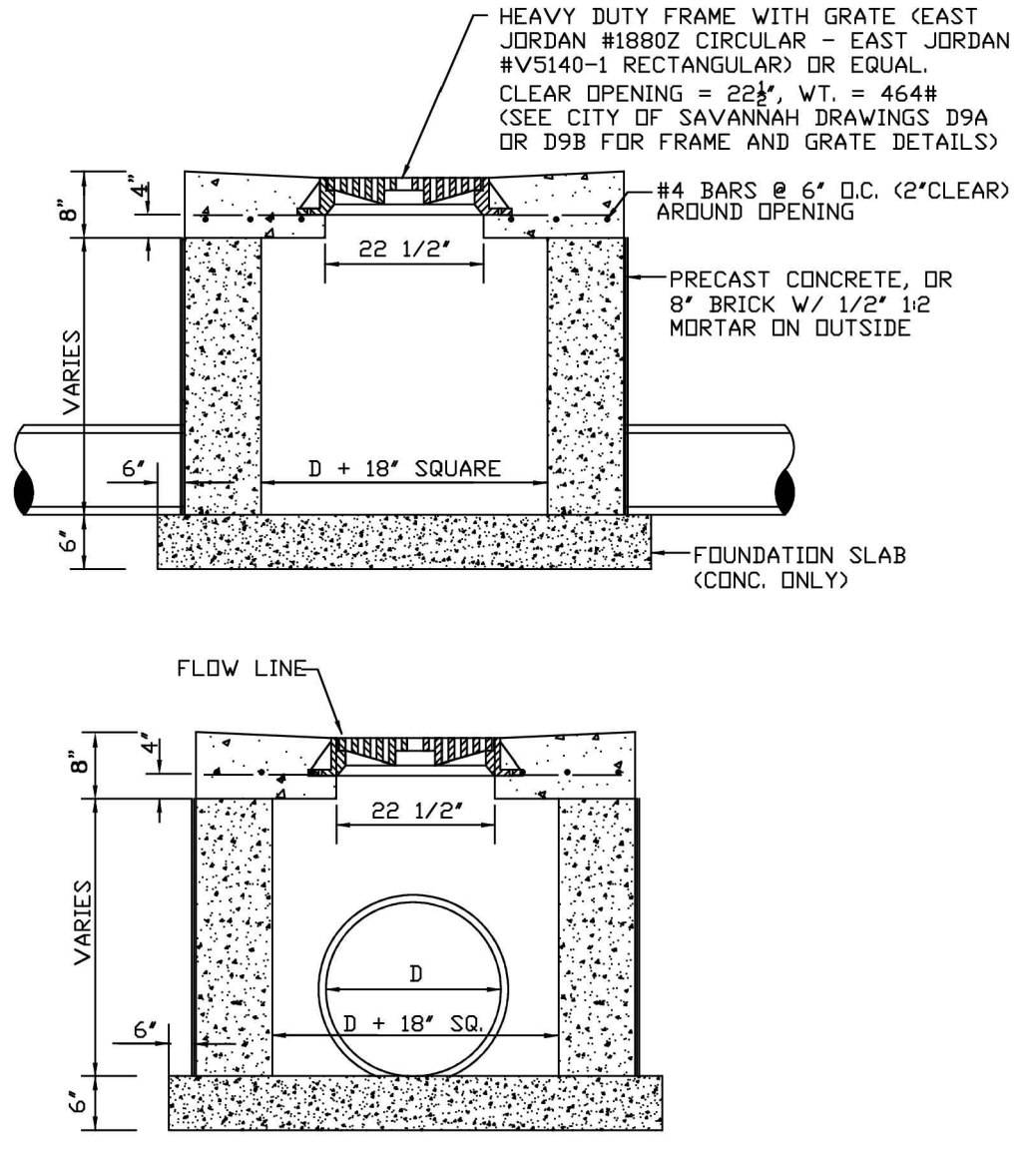
PROPOSED:
Parkers Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

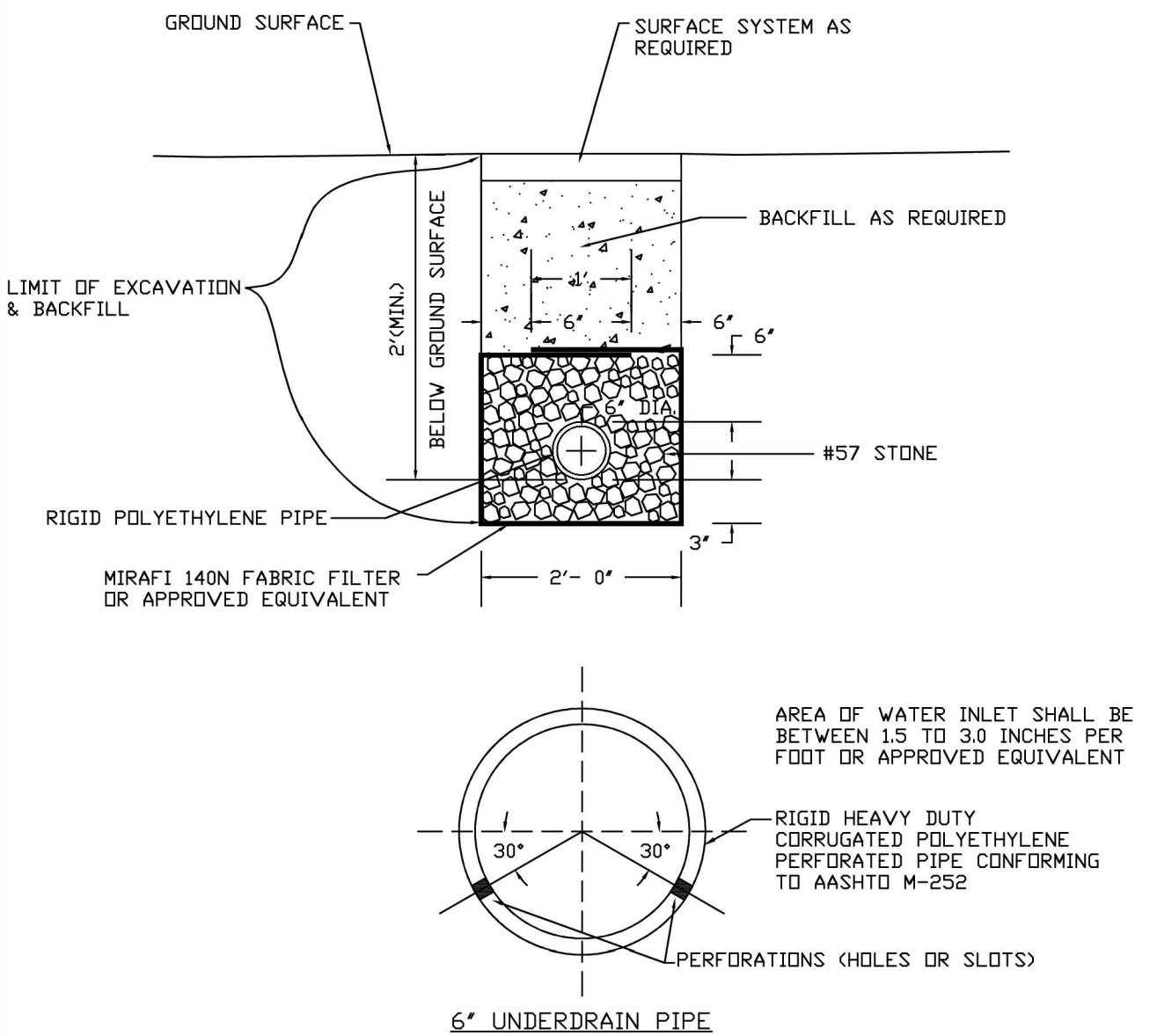
REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS
SHEET D-6

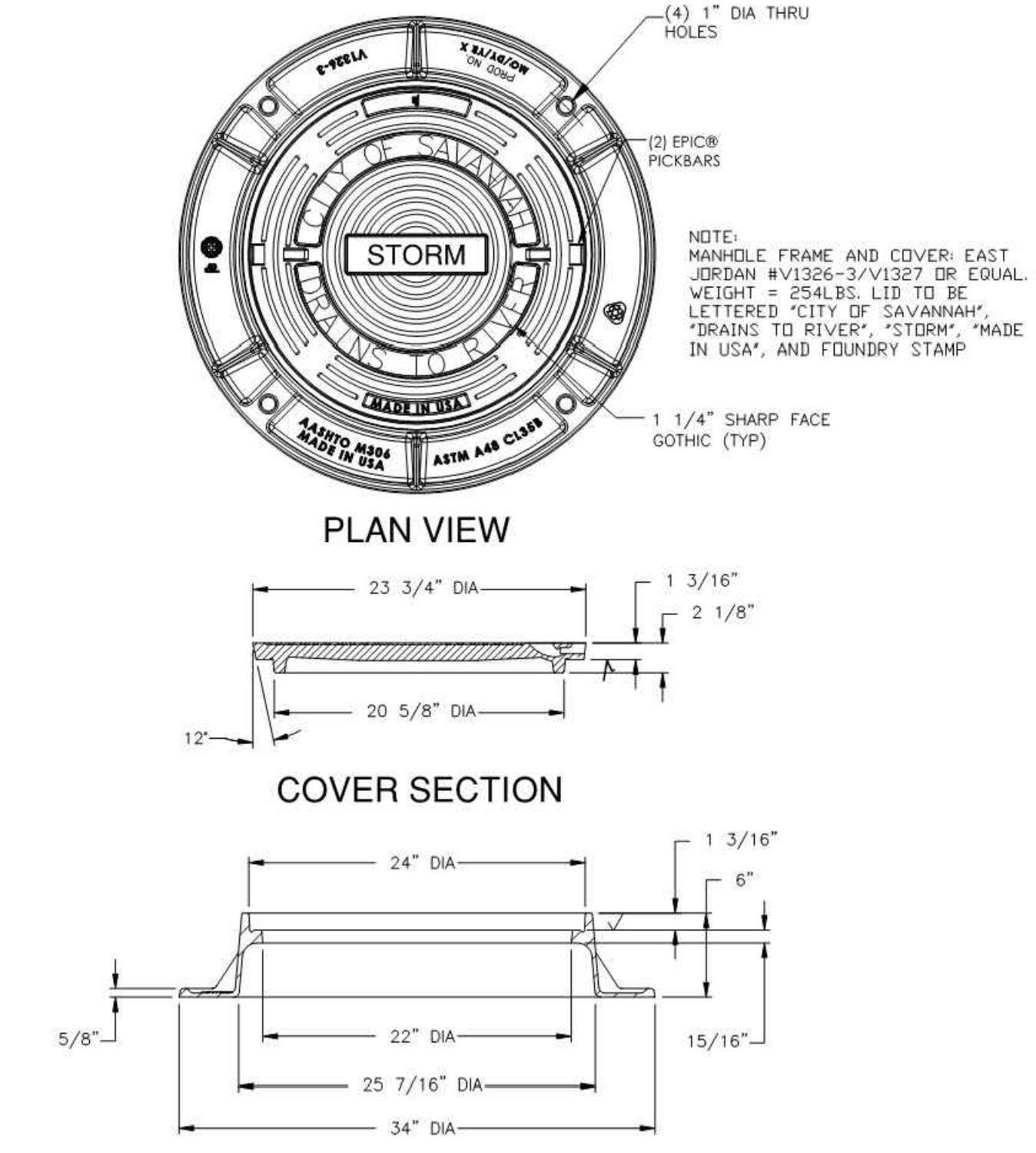
GRADING DETAILS



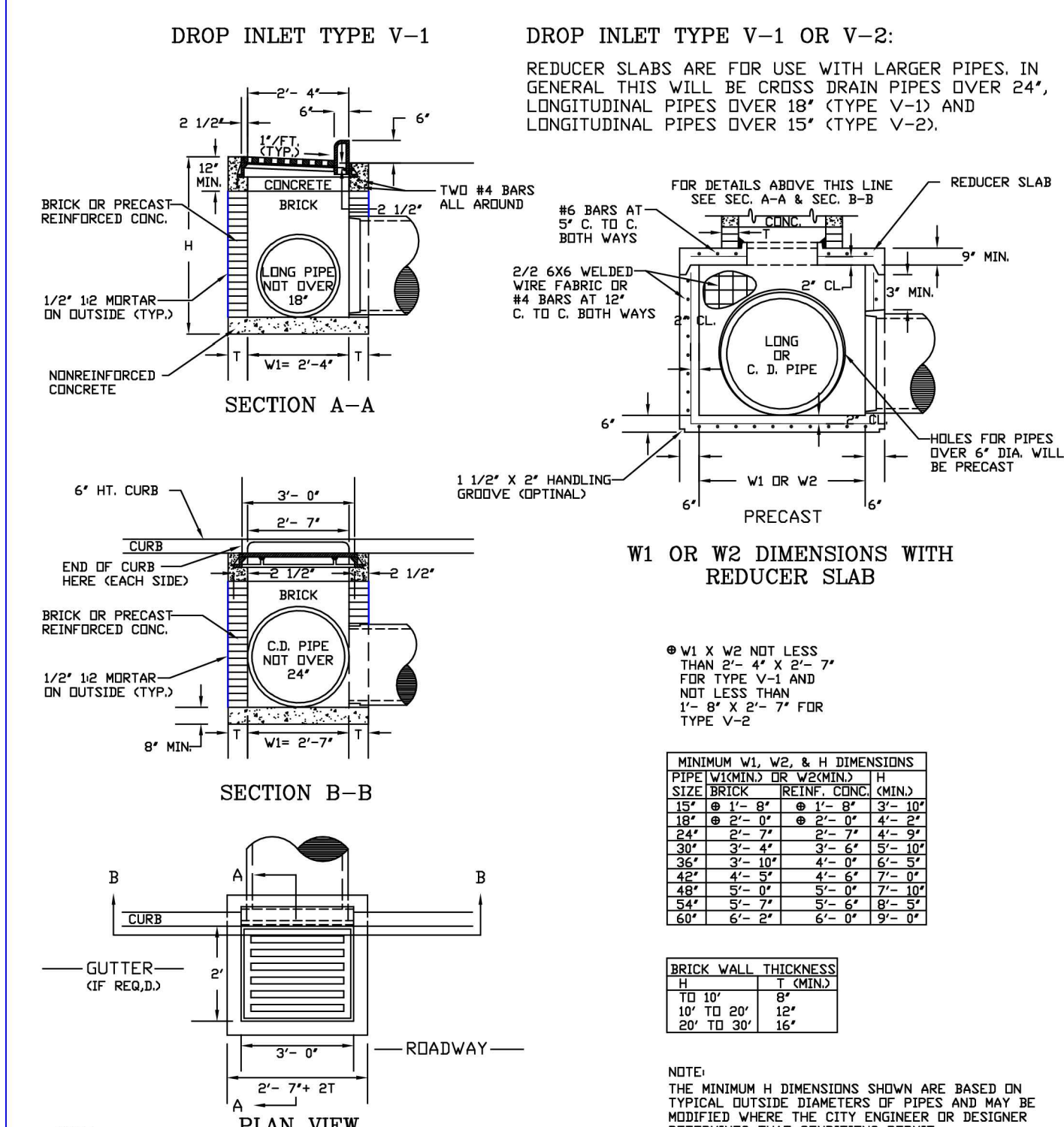
STANDARD CONSTRUCTION DETAILS
GRATE INLET DETAIL
 SAVANNAH savannahga.gov
 SCALE: N.T.S.
 DATE: FEBRUARY 2019
 PLATE NUMBER: D9
 APPROVED: [Signature]
 CITY ENGINEER



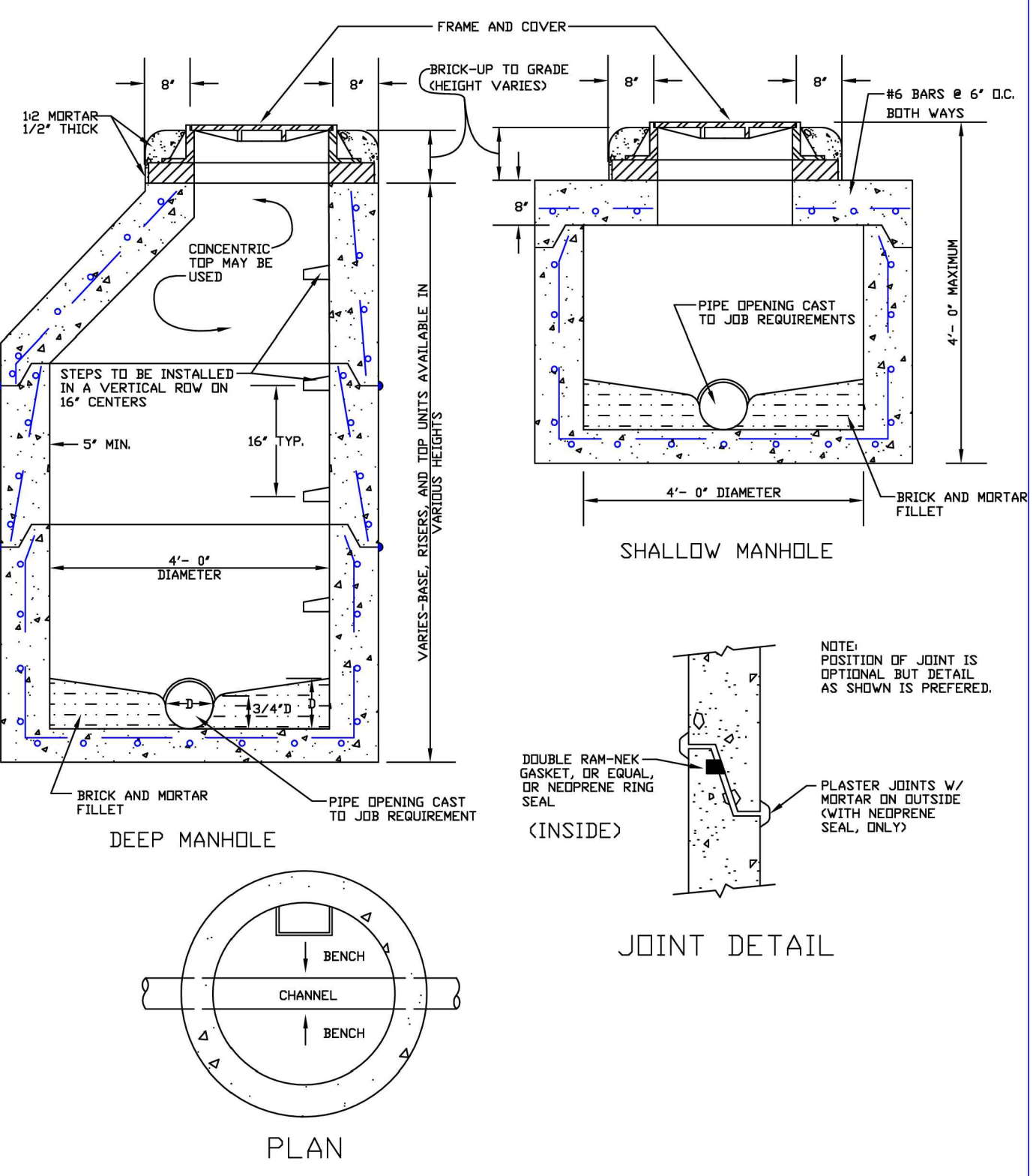
STANDARD CONSTRUCTION DETAILS
6" UNDERDRAIN PIPE
 SAVANNAH savannahga.gov
 SCALE: N.T.S.
 DATE: FEBRUARY 2019
 PLATE NUMBER: D11
 APPROVED: [Signature]
 CITY ENGINEER



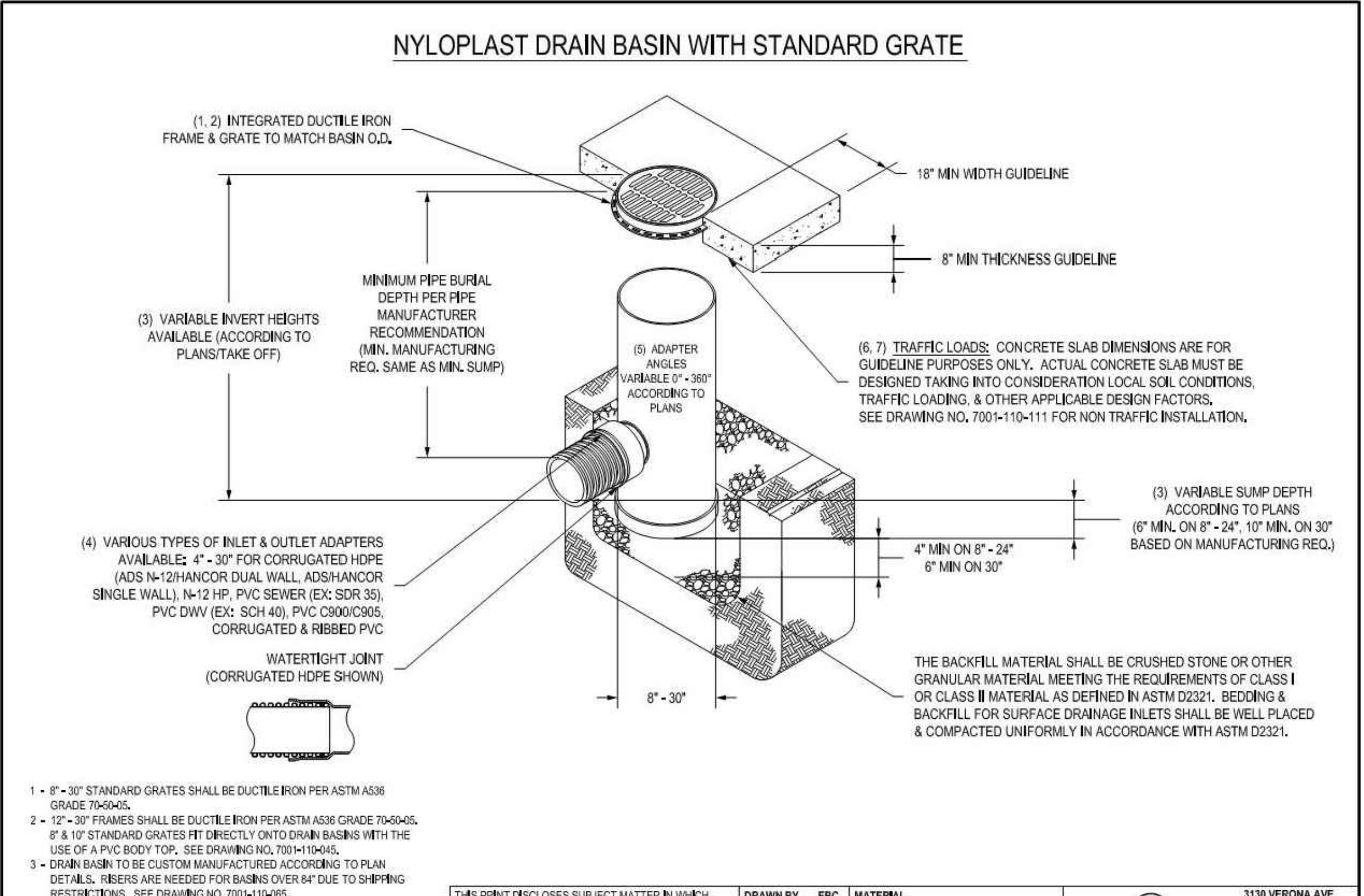
STANDARD CONSTRUCTION DETAILS
MANHOLE COVER & FRAME DETAIL
 SAVANNAH savannahga.gov
 SCALE: N.T.S.
 DATE: FEBRUARY 2019
 PLATE NUMBER: D16
 APPROVED: [Signature]
 CITY ENGINEER



STANDARD CONSTRUCTION DETAILS
DROP INLET TYPE V-1 OR V-2
 SAVANNAH savannahga.gov
 SCALE: N.T.S.
 DATE: JULY 1995
 PLATE NUMBER: D8
 APPROVED: [Signature]
 CITY ENGINEER



STANDARD CONSTRUCTION DETAILS
STANDARD PRECAST MANHOLE
 SAVANNAH savannahga.gov
 SCALE: N.T.S.
 DATE: MARCH 1996
 PLATE NUMBER: D13
 APPROVED: [Signature]
 CITY ENGINEER



NYloplast
 3130 VERONA AVE
 BUFORD, GA 30816
 PHN (770) 932-2443
 FAX (770) 932-2490
 www.nyloplast.com

DRAIN BASIN WITH STANDARD GRATE
 QUICK SPEC INSTALLATION DETAIL
 DWG NO. 700-110-144 REV G

FLOGARD® CATCH BASIN INSERT FILTER

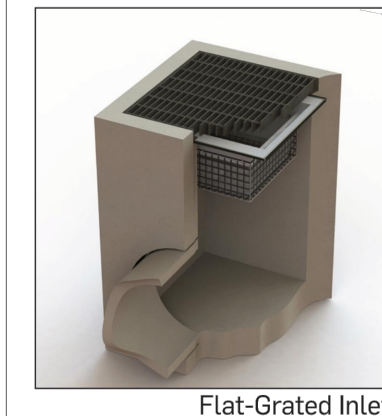
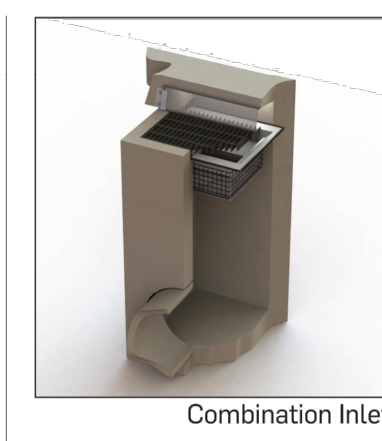
Catch basin insert designed to capture sediment, gross solids, trash and petroleum hydrocarbons from first-flush flows, even during the most extreme weather conditions

Example Types, Sizes and Capacities
 Additional sizes, including regional and custom options are available

Flogard Combination Inlet SPECIFIER CHART									
MODEL NO.	STANDARD & SHALLOW DEPTH			STANDARD DEPTH			SHALLOW DEPTH		
	INLET ID (inches)	GRADE OD (inches)	TOTAL CAPACITY (cu ft)	SOLIDS STORAGE CAPACITY (cu ft)	FILTERED FLOW (cfs)	MODEL NO.	SHALLOW DEPTH	SOLIDS STORAGE CAPACITY (cu ft)	FILTERED FLOW (cfs)
FPG-3636F00	18 X 33	18 X 36	7.0	2.5	1.7	FPG-3636F00B	1.4	1.1	
FPG-3636F10	18 X 36	18 X 40	8.0	2.3	1.6	FPG-3636F00B	1.3	0.9	
FPG-2234F00	22 X 34	24 X 36	8.1	3.8	2.1	FPG-2234F00B	2.1	1.4	
FPG-2436F00	24 X 36	24 X 40	8.0	3.4	2.0	FPG-2436F00B	1.95	1.15	

Flogard Flat Grated Inlet SPECIFIER CHART									
MODEL NO.	STANDARD & SHALLOW DEPTH			STANDARD DEPTH			SHALLOW DEPTH		
	INLET ID (inches)	GRADE OD (inches)	TOTAL CAPACITY (cu ft)	SOLIDS STORAGE CAPACITY (cu ft)	FILTERED FLOW (cfs)	MODEL NO.	SHALLOW DEPTH	SOLIDS STORAGE CAPACITY (cu ft)	FILTERED FLOW (cfs)
FPG-12F	12 X 12	12 X 14	2.8	0.3	0.4	FPG-12FB	1.5	2.5	
FPG-18F	18 X 18	18 X 19	4.7	0.8	0.7	FPG-18FB	4.5	4	
FPG-18F	18 X 18	18 X 20	4.7	0.8	0.7	FPG-18FB	4.5	4	
FPG-1836F	18 X 36	18 X 40	6.9	2.3	1.6	FPG-1836FB	1.3	0.9	
FPG-22F	22 X 22	22 X 24	6.1	2.2	1.5	FPG-22FB	1.25	0.85	
FPG-24F	24 X 24	24 X 27	6.1	2.2	1.5	FPG-24FB	1.25	0.85	
FPG-2436F	24 X 36	24 X 40	8.0	3.4	2.0	FPG-2436FB	1.95	1.15	
FPG-2436F	24 X 48	24 X 48	9.3	4.4	2.4	FPG-2436FB	2.3	1.35	
FPG-32F-TN	28 X 28	32 X 32	6.3	2.2	1.5	FPG-32FB-TN	1.25	0.85	
FPG-30F	30 X 30	30 X 34	8.1	3.8	2.0	FPG-30FB	2.05	1.15	
FPG-36F	36 X 36	36 X 40	9.1	4.8	2.4	FPG-36FB	2.65	1.55	
FPG-3648F	36 X 48	40 X 48	11.5	6.8	3.2	FPG-3648FB	3.0	1.85	
FPG-48F	48 X 48	48 X 54	13.2	8.5	3.9	FPG-48FB	3.45	2.25	
FPG-6036F	36 X 36	18 X 36	8.8	2.3	1.6	FPG-6036FB	1.3	0.9	
FPG-2234F	22 X 34	24 X 36	8.0	3.4	2.0	FPG-2234FB	1.95	1.15	

Flogard Circular Grated Inlet SPECIFIER CHART				
MODEL NUMBER	INLET ID (inches)	GRADE OD (inches)	SOLIDS STORAGE CAPACITY (cu ft)	TOTAL BYPASS CAPACITY (cfs)
FPG-RF15F	15	18	0.3	0.4
FPG-RF18F	18	20	0.8	0.7
FPG-RF20F	20	23	0.8	0.7
FPG-RF21F	21	23.5	0.8	0.7
FPG-RF22F	22	24	0.8	0.7
FPG-RF24F	24	26	0.8	0.7
FPG-RF30F	30	32	2.2	1.5
FPG-RF36F	36	39	3.8	2.0



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BDG
 Buckel Design Group, LLC.



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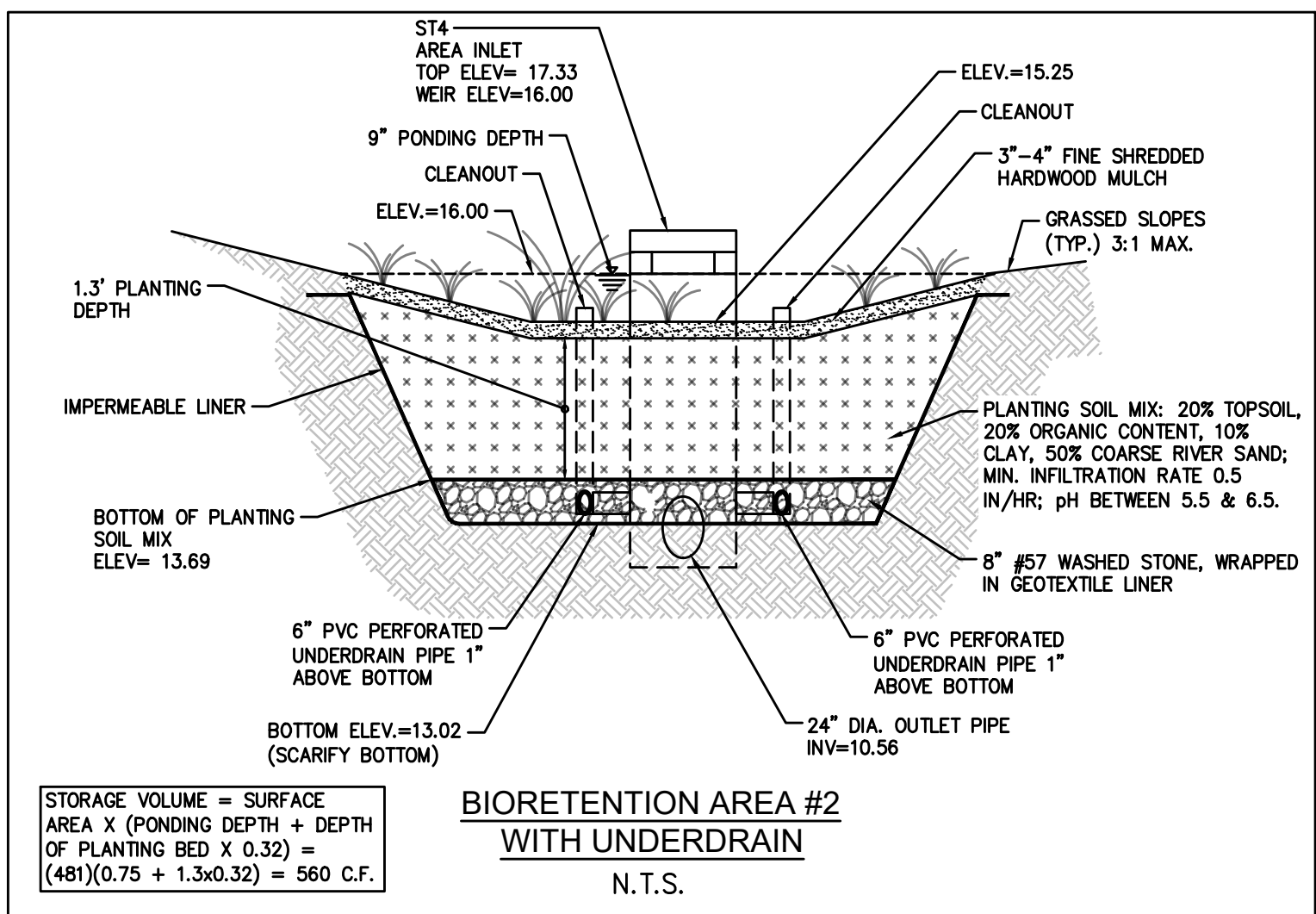
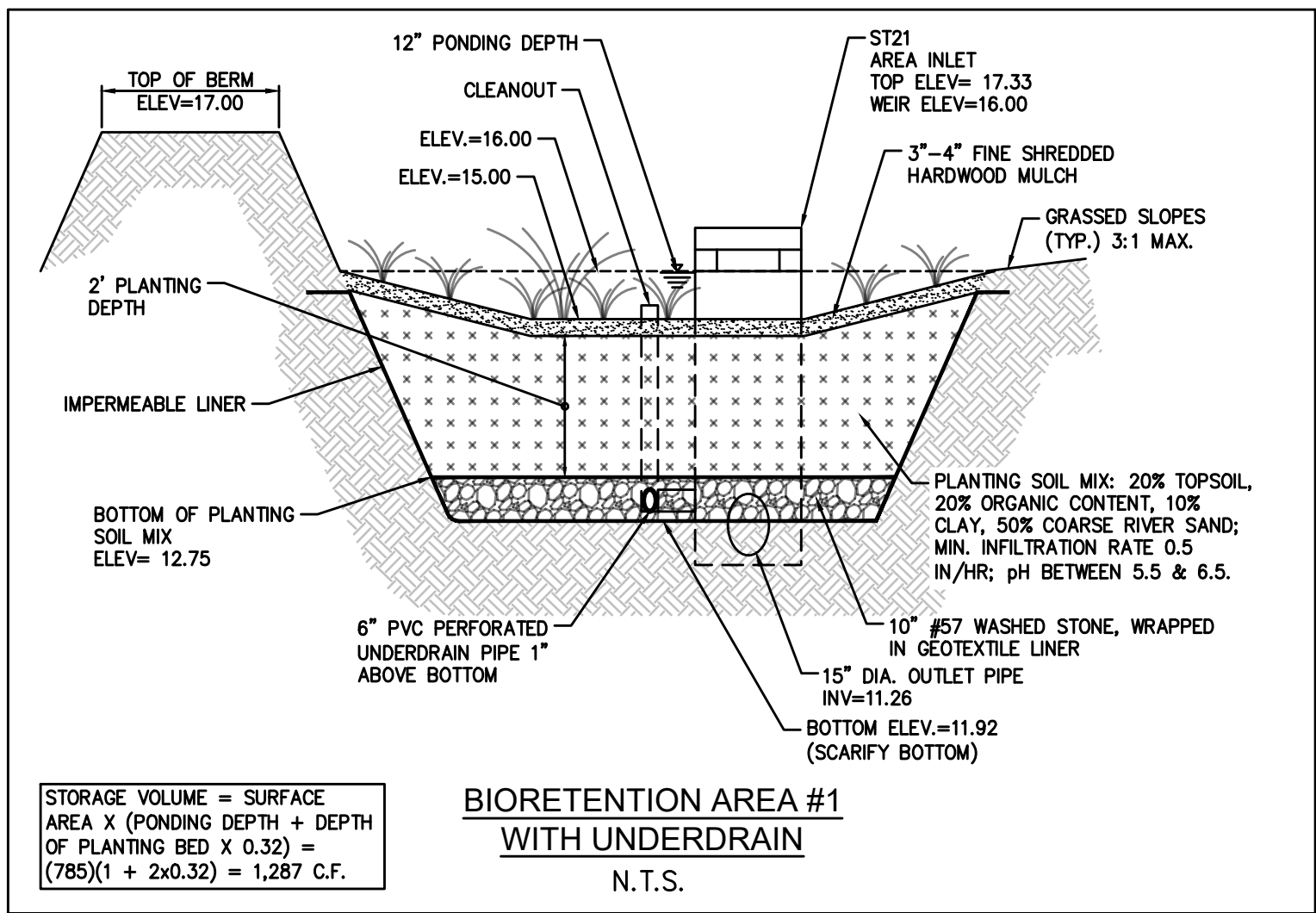
PROPOSED:
Parker's Kitchen
 SAVANNAH, GA 31405
 FOR:
ATLAS SHRUGGED II, LLC
 SAVANNAH, GA 31401

REVISION	BY
1	JWC
2	JWC

DRAWN SC
 CHECKED JWC
 ISSUED DATE 8/16/2021
 ISSUED FOR CONSTRUCTION
 PROJECT NO. 19-180
 FILE 19-180_DETAILS

SHEET
D-7

GRADING DETAILS



ALL NATIVE SOILS AND/OR ALL IMPORTED SOILS TO BE USED WITHIN LANDSCAPED AREAS SHALL BE MIXED WITH WELL-AGED COMPOSTS (I.E. COMPOSTED FOR A PERIOD OF AT LEAST ONE YEAR) TO A DEPTH FO 18-INCHES UNTIL AN ORGANIC MATTER CONTENT OF 8% TO 12% IS OBTAINED. COMPOSTS USED TO AMEND SOILS SHOULD MEET THE FOLLOWING SPECIFICATIONS:

- ORGANIC CONTENT MATTER: COMPOSTS SHOULD CONTAIN 35%-65% ORGANIC MATTER
- MOISTURE CONTENT: 40%-60%
- BULK DENSITY: AS-IS BULK DENSITY OF 40-50 LB/CF. IN COMPOSTS THAT HAVE A MOISTURE CONTENT OF 40%-60%, THIS EQUATE TO A BULK DENSITY RANGE OF 450-800 LB/CF, BY DRY WEIGHT.
- CARBON TO NITROGEN (C:N) RATIO: LESS THAN 25:1.
- pH: 6-8
- CATION EXCHANGE CAPACITY (CEC): EXCEED 50 MILLIEQUIVALENTS PER 100 GRAMS OF DRY WEIGHT
- FOREIGN MATERIAL CONTENT: LESS THAN 0.5% FOREIGN MATERIALS BY WEIGHT.
- PESTICIDE CONTACT: NONE

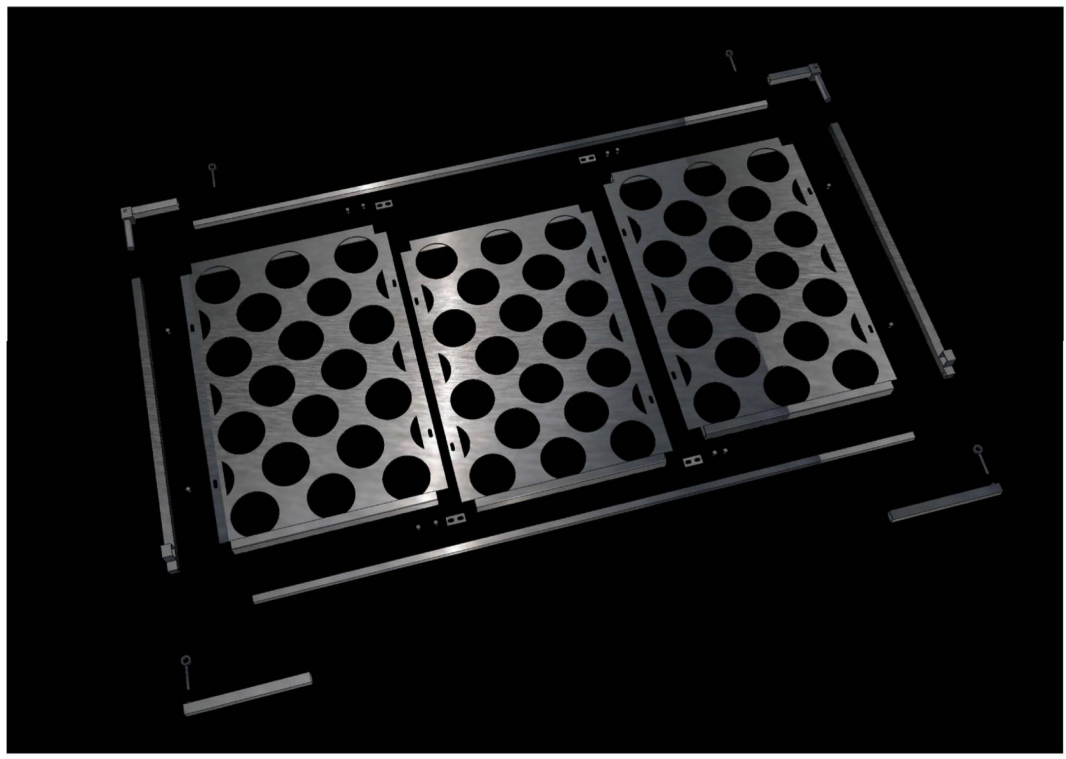
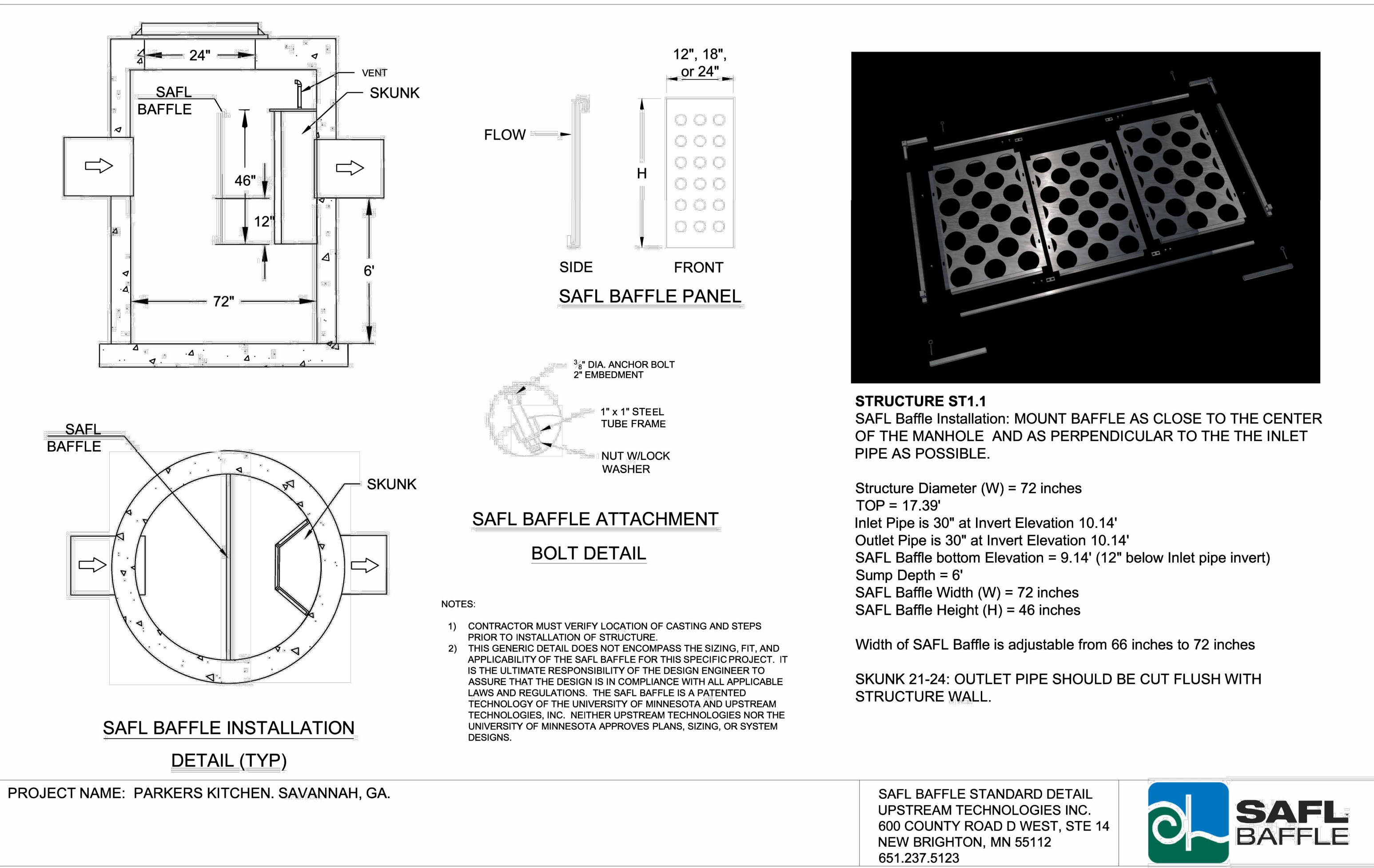
THE USE OF BIOSOLIDES (EXCEPT CLASS 1 BIOSOLIDES) AND COMPOSTED ANIMAL MATURE TO AMEND SOILS IS NOT RECOMMENDED.

IT IS RECOMMENDED THAT COMPOSTS USED TO AMEND SOILS BE PROVIDED BY A MEMBER OF THE U.S. COMPOSTING SEAL OF TESTING ASSURANCE PROGRAM. THE FOLLOWING COMPANY IS ONE SUCH MEMBER:

DALY ORGANICS
1465 BELLINGER HILL ROAD
HARDEEVILLE, SC 29927
912-421-8507
CONTACT: MADISON DALY (MADISON@DALY-ORGANICS.COM)

LANDSCAPING SHOULD BE INSTALLED IMMEDIATELY AFTER THE SOIL RESTORATION PROCESS IS COMPLETE.

SOIL RESTORATION SPECIFICATIONS



STRUCTURE ST1.1
SAFL Baffle Installation: MOUNT BAFFLE AS CLOSE TO THE CENTER OF THE MANHOLE AND AS PERPENDICULAR TO THE THE INLET PIPE AS POSSIBLE.

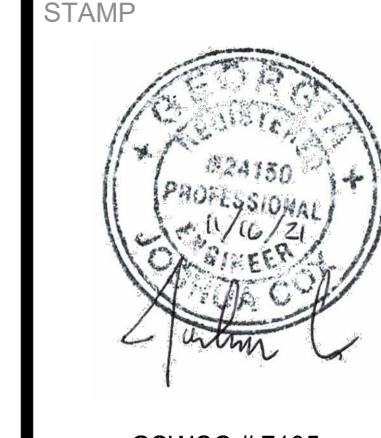
Structure Diameter (W) = 72 inches
TOP = 17.39'
Inlet Pipe is 30" at Invert Elevation 10.14'
Outlet Pipe is 30" at Invert Elevation 10.14'
SAFL Baffle bottom Elevation = 9.14' (12" below Inlet pipe invert)
Sump Depth = 6'
SAFL Baffle Width (W) = 72 inches
SAFL Baffle Height (H) = 46 inches

Width of SAFL Baffle is adjustable from 66 inches to 72 inches

SKUNK 21-24: OUTLET PIPE SHOULD BE CUT FLUSH WITH STRUCTURE WALL.

3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
WWW.BDGSE.COM

BDG
Buckel Design Group, LLC.



GSWCC #7195

PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

REVISION	BY
REVISION #1, ADDRESSED CITY COMMENTS 9/10/21	JWC
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

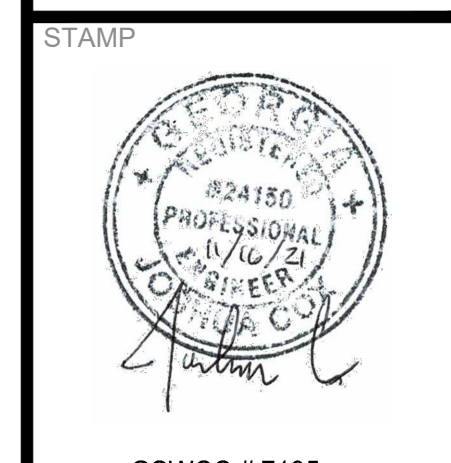
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CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS

SHEET
D-8

GRADING DETAILS



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 DULUTH, GA 30096
 PHONE: 404-567-5701
 FAX: 404-567-5703
 WWW.BDGSE.COM



GSWCC #7195

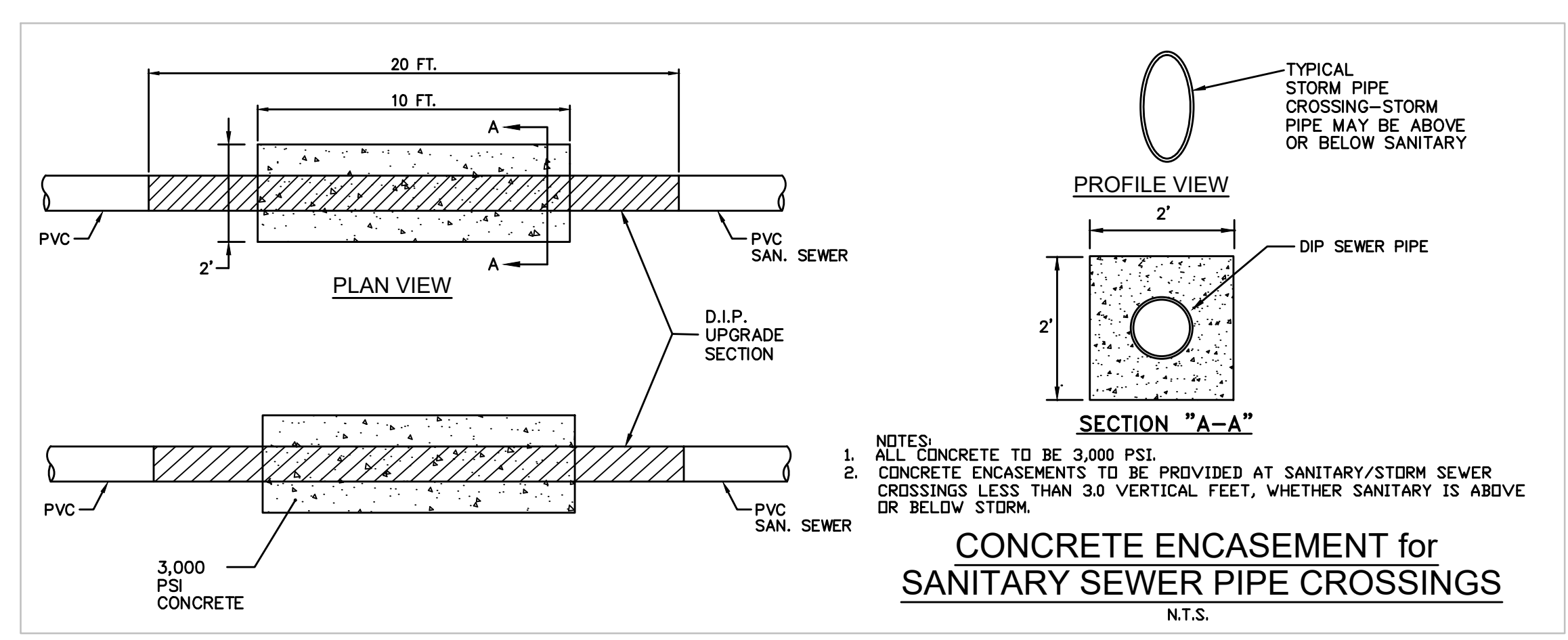
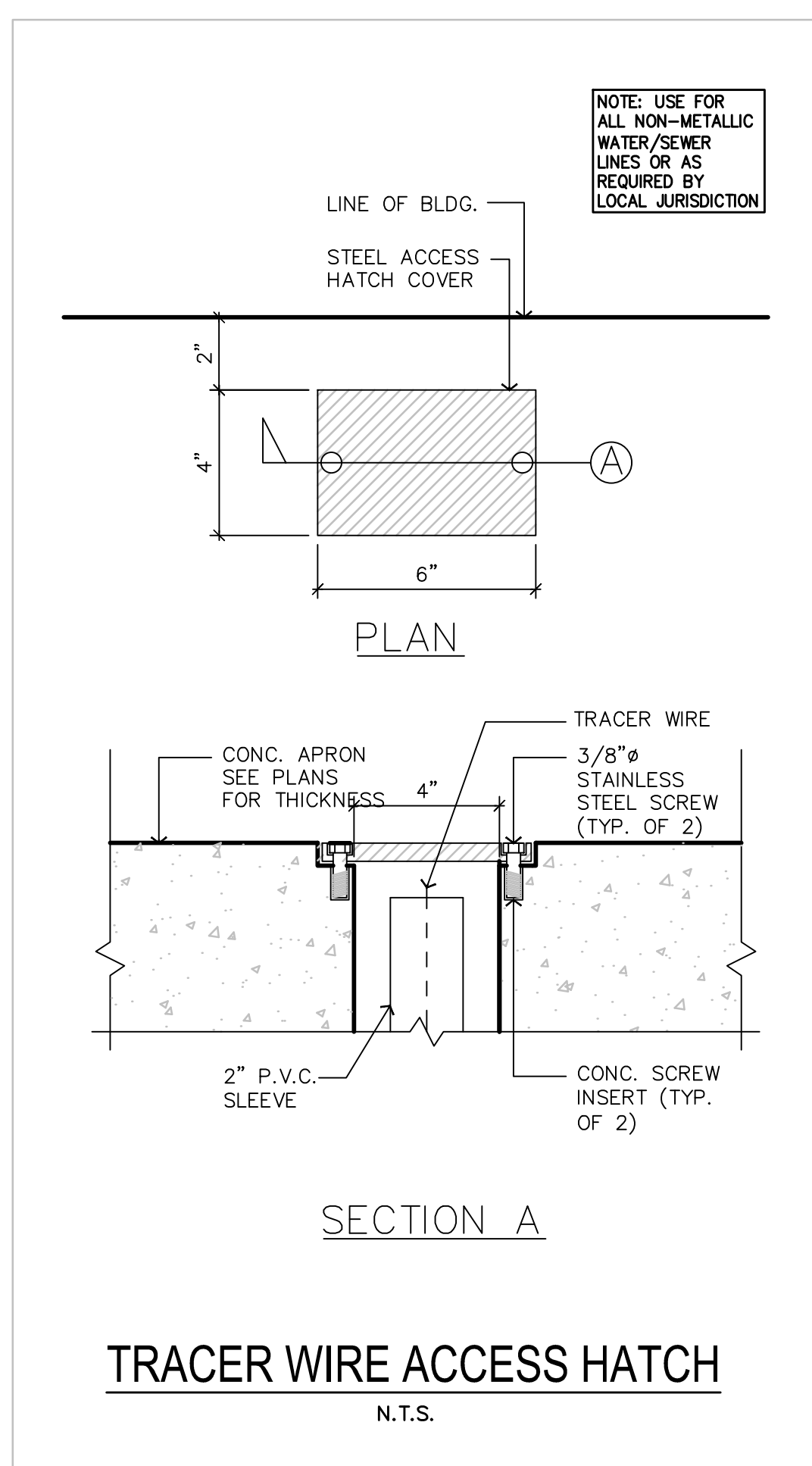
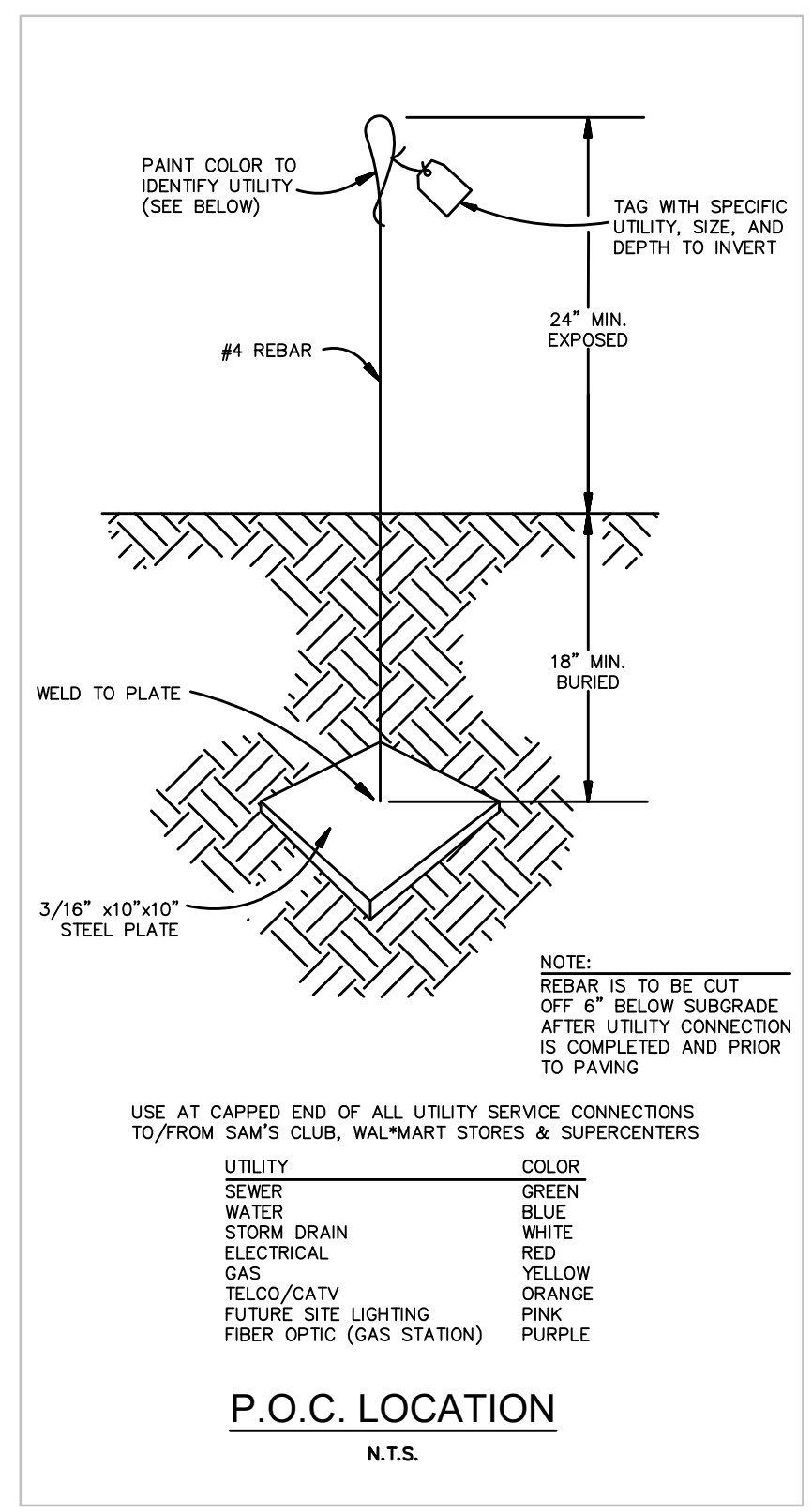
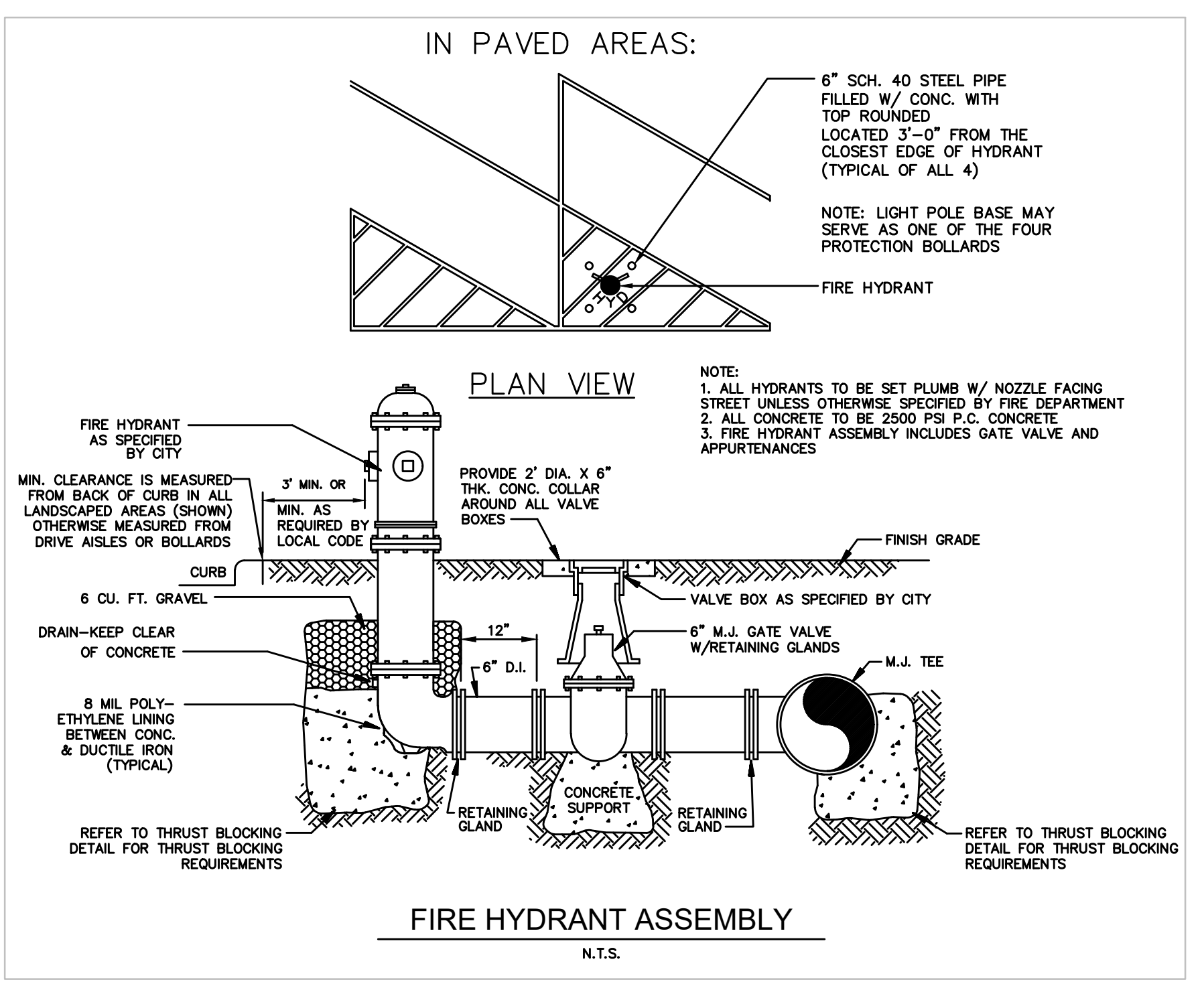
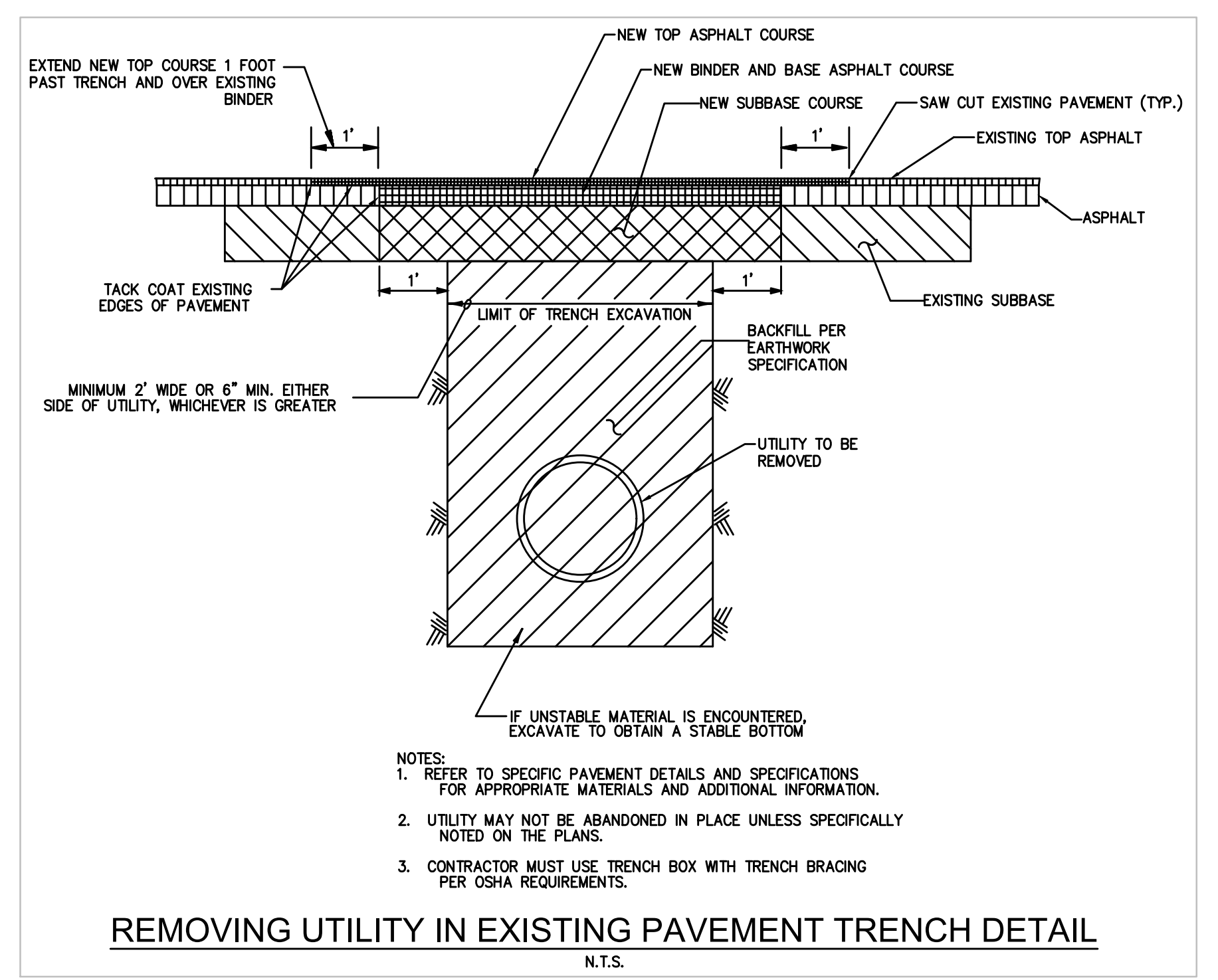
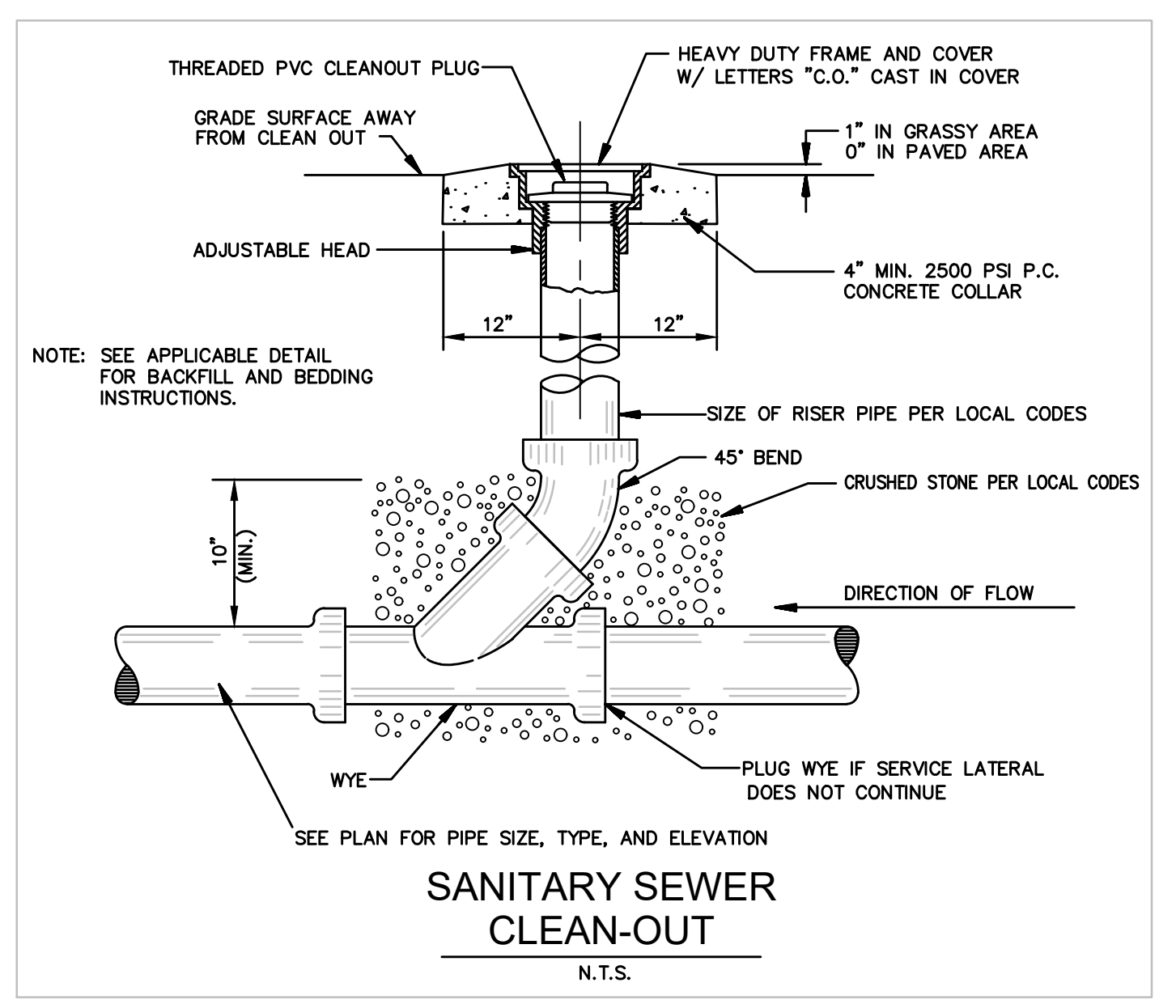
PROPOSED:
Parker's Kitchen
 SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
 SAVANNAH, GA 31401

REVISION	BY
REVISION #3, DRAINAGE CHANGES 11/16/21	JWC

DRAWN SC
CHECKED JWC
ISSUED DATE 8/16/2021
ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS

SHEET
D-9

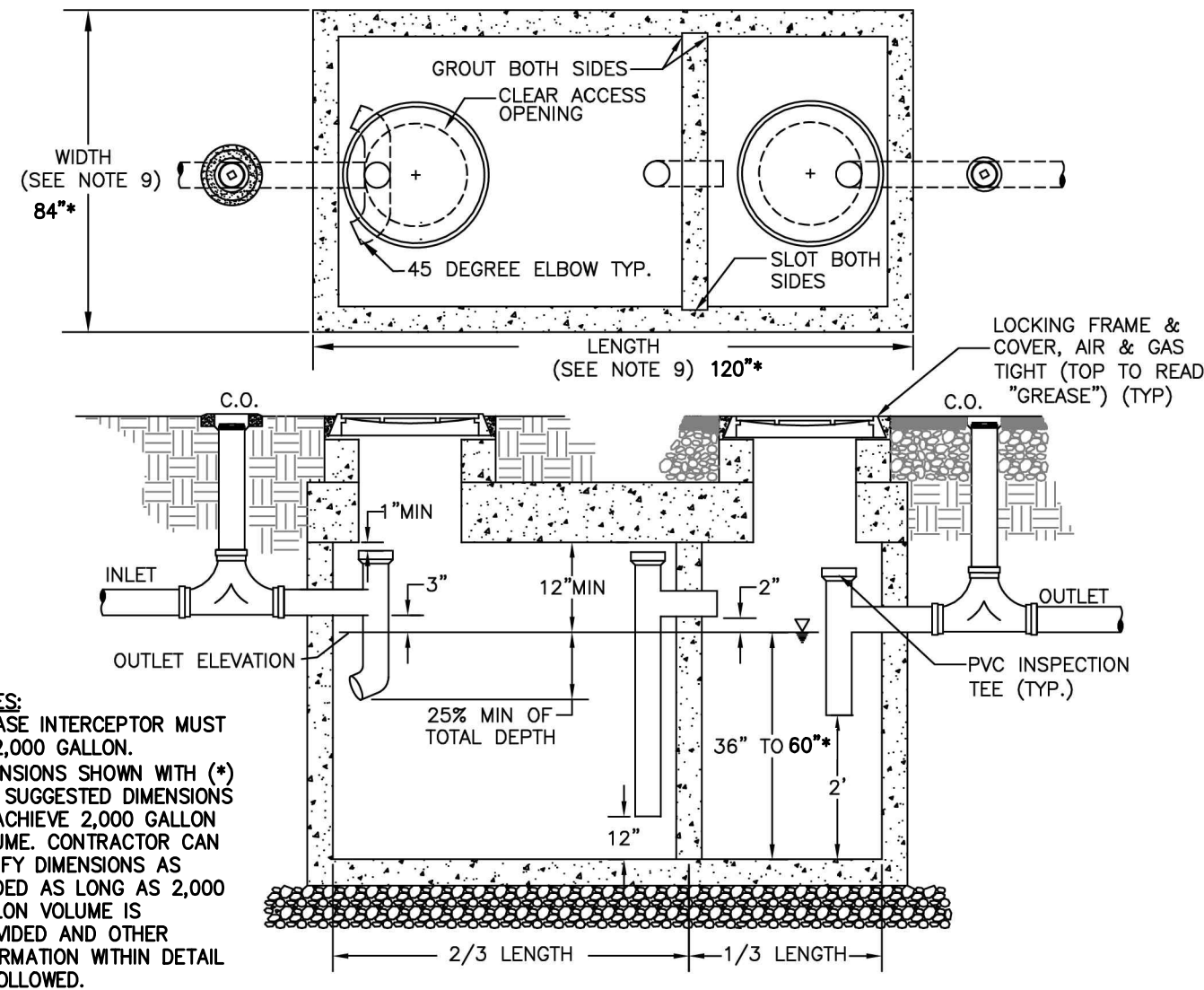


UTILITY DETAILS

USER: Scammion - Nov 16, 2021 - 1:11pm
 P: Project Drawing File:Site Department:2019\19-180_Savannah, Ga (Derenna & White Bluff - Parker's)\19-180_DETAILS.dwg - LAYOUT: D-9

NOTES:

- 1. CONCRETE: 28 DAY \geq 4500 psi.
- 2. REBAR: ASTM A615 GRADE 60.
- 3. MESH: ASTM A185 GRADE 65.
- 4. DESIGN: ACI318.83 BUILDING CODE - ASTM C.857 MINIMUM STRUCTURAL DESIGN LOADING FOR UNDERGROUND PRECAST CONCRETE UTILITY STRUCTURES.
- 5. LOADS: H-20 TRUCK WHEEL W/30K IMPACT PER AASHTO.
- 6. FILL W/CLEAN WATER PRIOR TO START UP OF SYSTEM.
- 7. CONTRACTOR TO SUPPLY & INSTALL ALL PIPING AND SANITARY TEES. 2 DOUBLE-SWEEP CLEAN OUTS (FOR CLEANING TOWARD AND AWAY FROM TANK ON BOTH THE INLET AND OUTLET SIDES).
- 8. GREY WATER ONLY, BLACK WATER SHALL BE CARRIED.
- 9. THE LENGTH OF THE TANK SHALL BE ONE AND ONE HALF (1.5) TIMES THE WIDTH.
- 10. IN UNPAVED AREAS, PROPERLY BED AND SET EDGE OF PRECAST CONCRETE COLLAR FLUSH WITH FINISHED GRADE. NO COLLAR IS REQUIRED IN PAVED AREAS, SET CLEANOUT FLUSH WITH PAVEMENT.



NOTES:
GREASE INTERCEPTOR MUST BE 2,000 GALLON. DIMENSIONS SHOWN WITH (*) ARE SUGGESTED DIMENSIONS TO ACHIEVE 2,000 GALLON VOLUME. CONTRACTOR CAN MODIFY DIMENSIONS AS NEEDED AS LONG AS 2,000 GALLON VOLUME IS PROVIDED AND OTHER INFORMATION WITHIN DETAIL IS FOLLOWED.

GRAVITY GREASE INTERCEPTOR

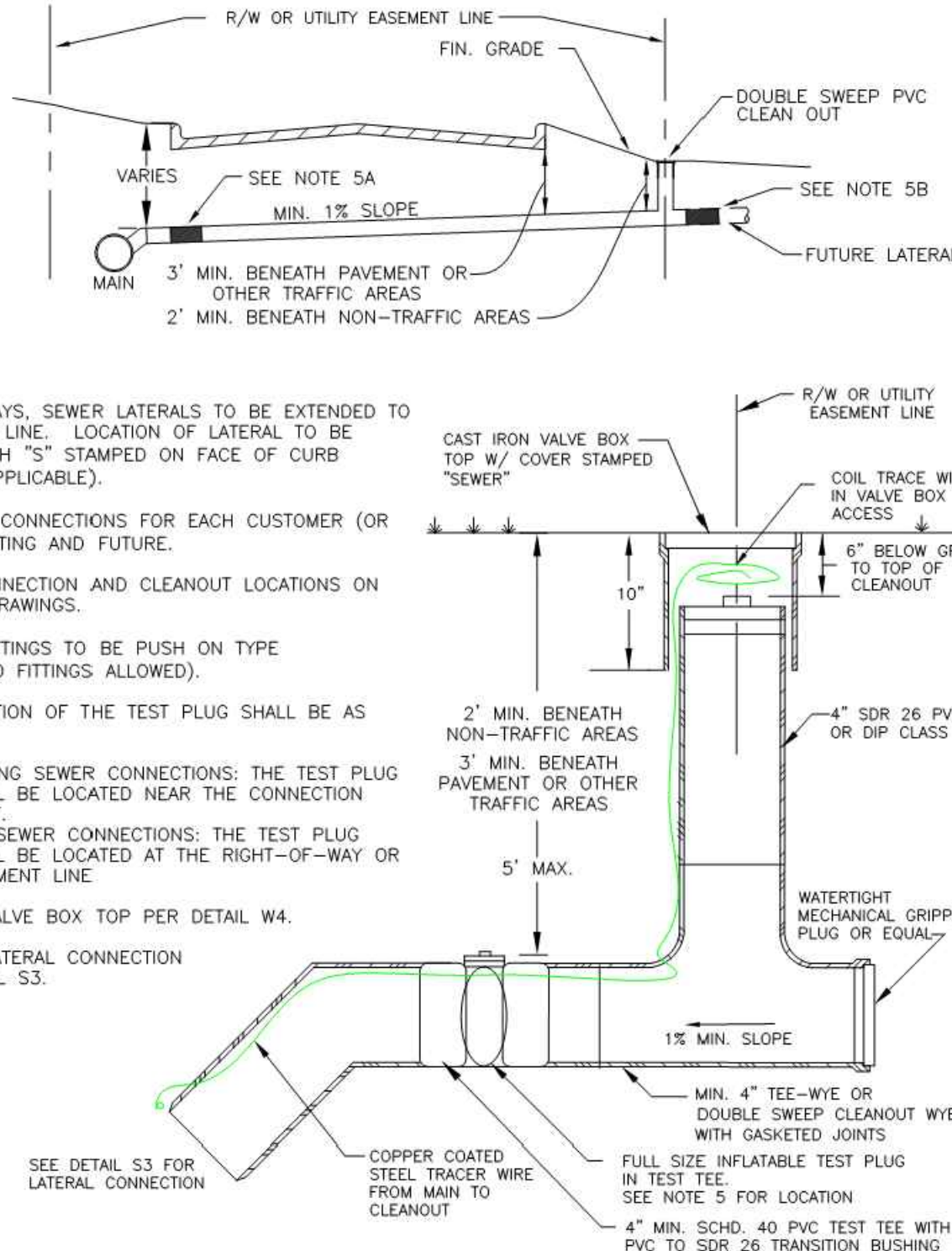
STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S26

NOTES:

- 1. IN ROADWAYS, SEWER LATERALS TO BE EXTENDED TO PROPERTY LINE. LOCATION OF LATERAL TO BE NOTED WITH "S" STAMPED ON FACE OF CURB (WHERE APPLICABLE).
- 2. PROVIDE CONNECTIONS FOR EACH CUSTOMER (OR LOT), EXISTING AND FUTURE.
- 3. SHOW CONNECTION AND CLEANOUT LOCATIONS ON RECORD DRAWINGS.
- 4. ALL 4" FITTINGS TO BE PUSH ON TYPE (NO GLUED FITTINGS ALLOWED).
- 5. THE LOCATION OF THE TEST PLUG SHALL BE AS FOLLOWS:
A: EXISTING SEWER CONNECTIONS: THE TEST PLUG SHALL BE LOCATED NEAR THE CONNECTION POINT.
B: NEW SEWER CONNECTIONS: THE TEST PLUG SHALL BE LOCATED AT THE RIGHT-OF-WAY OR EASEMENT LINE.
- 6. INSTALL VALVE BOX TOP PER DETAIL W4.
- 7. INSTALL LATERAL CONNECTION PER DETAIL S3.

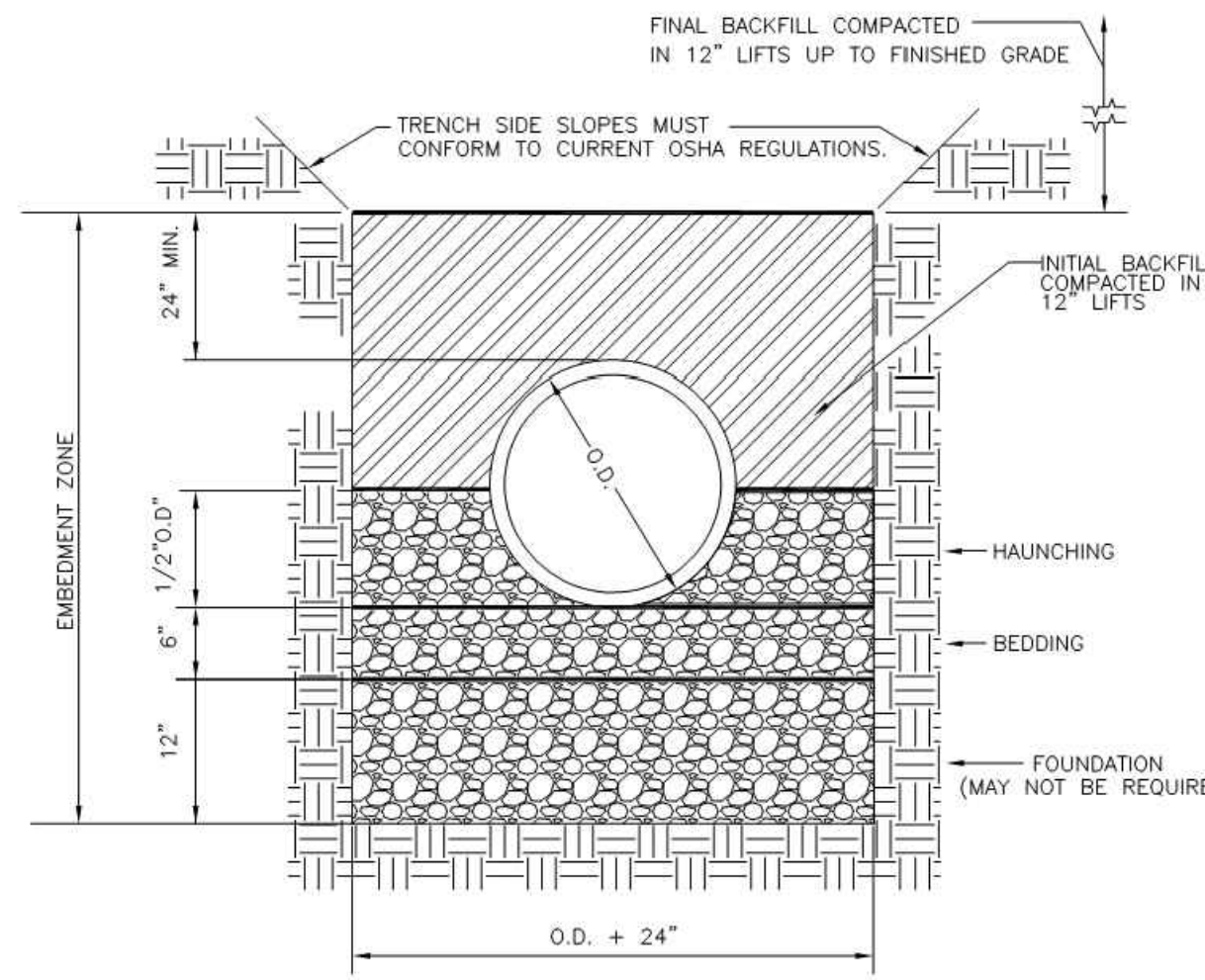


SANITARY SERVICE LATERAL

STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
PUBLIC WORKS AND WATER RESOURCES BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S2



NOTES:

- 1. FOUNDATION, BEDDING AND HAUNCHING SHALL BE #57 STONE.
- 2. INITIAL BACKFILL FOR GRAVITY SEWER SHALL BE CLASS II OR BETTER SELECT COMMON FILL.
- 3. INITIAL BACKFILL FOR SANITARY FORCEMAIN SHALL BE CLASS III OR BETTER SELECT COMMON FILL.
- 4. FINAL BACKFILL SHALL BE CLASS III OR BETTER COMMON FILL.
- 5. SEE CITY OF SAVANNAH STANDARD SPECIFICATIONS SECTION 02554 PART 2.11 FOR MORE DETAILS.

STANDARD PIPE BEDDING

STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S16

NOTES:

- 1. ALL CONSTRUCTION MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CITY OF SAVANNAH'S LATEST CONSTRUCTION SPECIFICATIONS AND DETAILS. THE SYSTEM SHALL BE DESIGNED AND TESTED PER THE SPECIFICATIONS AND REQUIREMENTS MAINTAINED BY THE CITY ENGINEER.
- 2. AN APPROVED WATER SUPPLY FOR FIRE PROTECTION, EITHER TEMPORARY OR PERMANENT, SHALL BE MADE AVAILABLE AS SOON AS COMBUSTIBLE MATERIAL ARRIVES ON THE SITE.
- 3. ALL WATER USED FOR PROTECTION SHALL BE METERED THROUGH AN APPROVED BACKFLOW-PREVENTION DEVICE AND FIRE HYDRANT METER OBTAINED FROM THE CONVEYANCE AND DISTRIBUTION DEPARTMENT.
- 4. ALL ABANDONED SANITARY SEWER LINES SHALL BE PLUGGED.
- 5. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE SEWER LINES ARE PLACED WITHIN THE EASEMENTS WITH A MINIMUM 7'-6" AVAILABLE FROM PIPE CENTERLINE TO EASEMENT LINE.
- 6. CONTACT THE UTILITIES PROTECTION CENTER (811 IN GEORGIA OR 1-800-282-7411) FOR LOCATION OF CITY SEWER LINES A MINIMUM OF SEVENTY-TWO (72) HOURS PRIOR TO DIGGING.
- 7. CONTRACTOR SHALL NOTIFY RESIDENTS A MINIMUM OF 24 HOURS IN ADVANCE OF ANY WORK THAT MAY IMPACT THEM, INCLUDING BUT NOT LIMITED TO: PARKING STALL IMPACT, LOSS OF SERVICE, DRIVEWAY CUTS, REMOVAL/RELOCATION OF FENCES AND MAIL BOXES, SIDEWALK IMPACTS, ETC.

SANITARY SEWER GENERAL NOTES

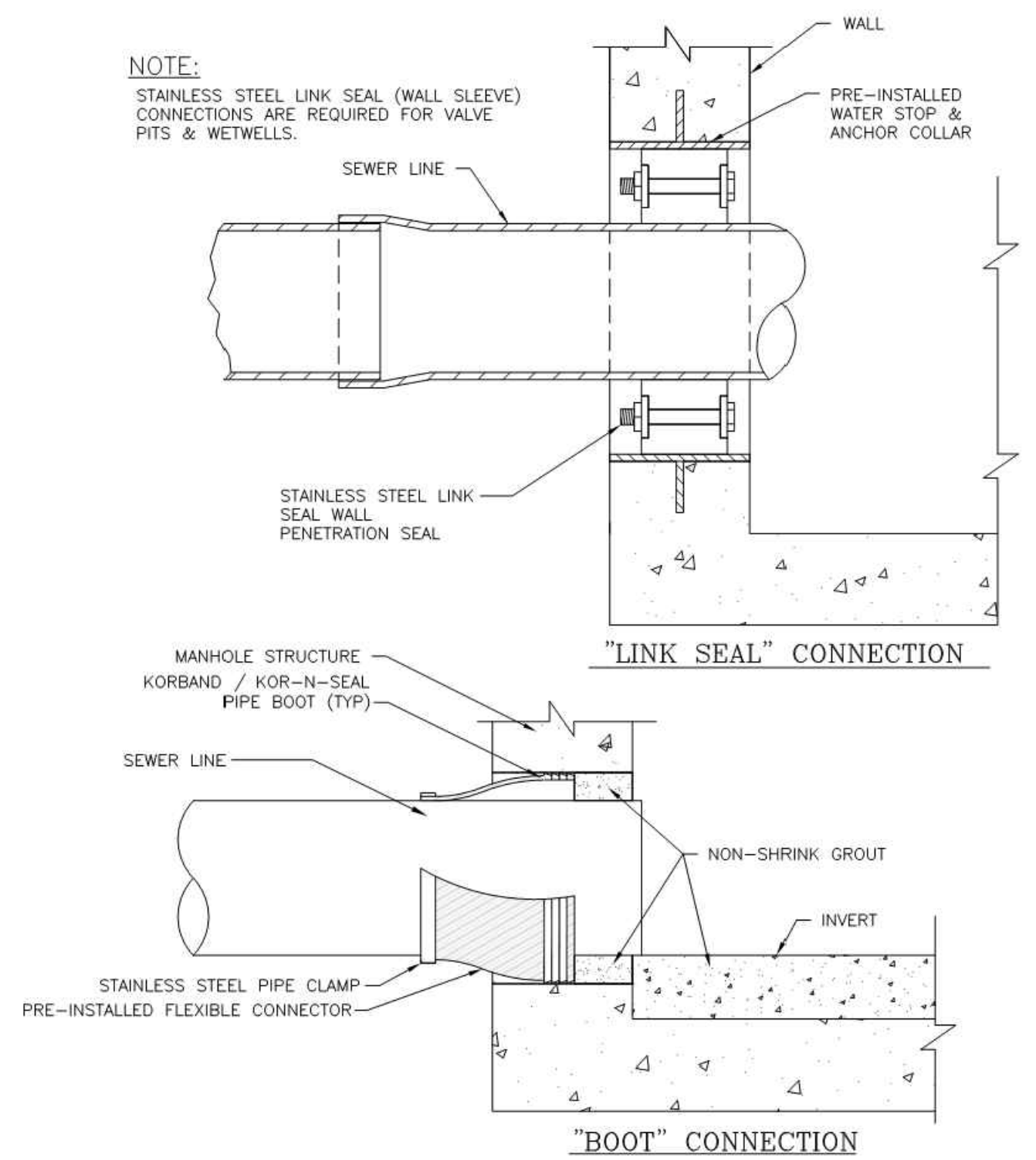
STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S17

NOTE:

STAINLESS STEEL LINK SEAL (WALL SLEEVE) CONNECTIONS ARE REQUIRED FOR VALVE PITS & WETWELLS.

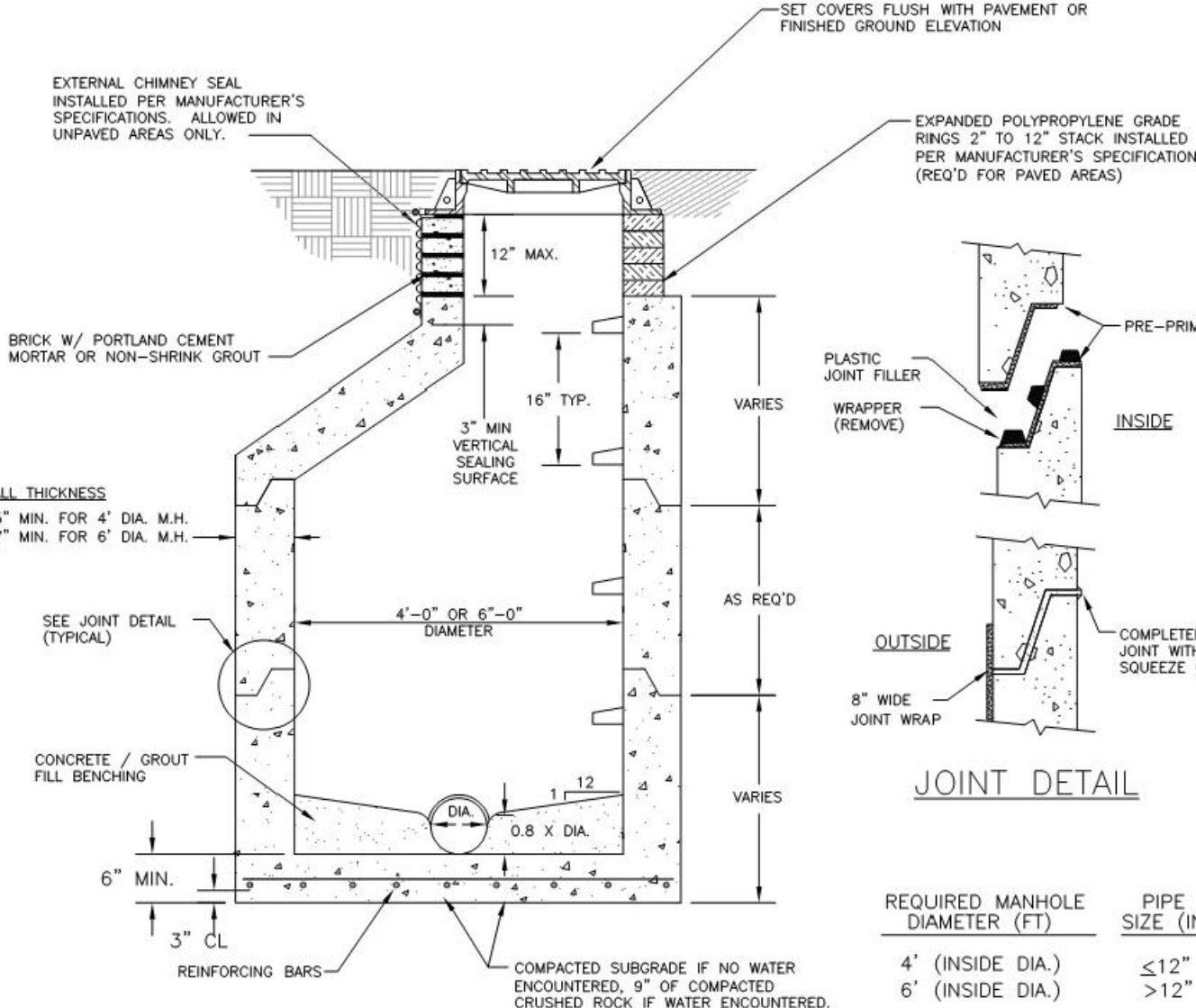


PRECAST STRUCTURE PIPE CONNECTIONS

STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S12



NOTES:

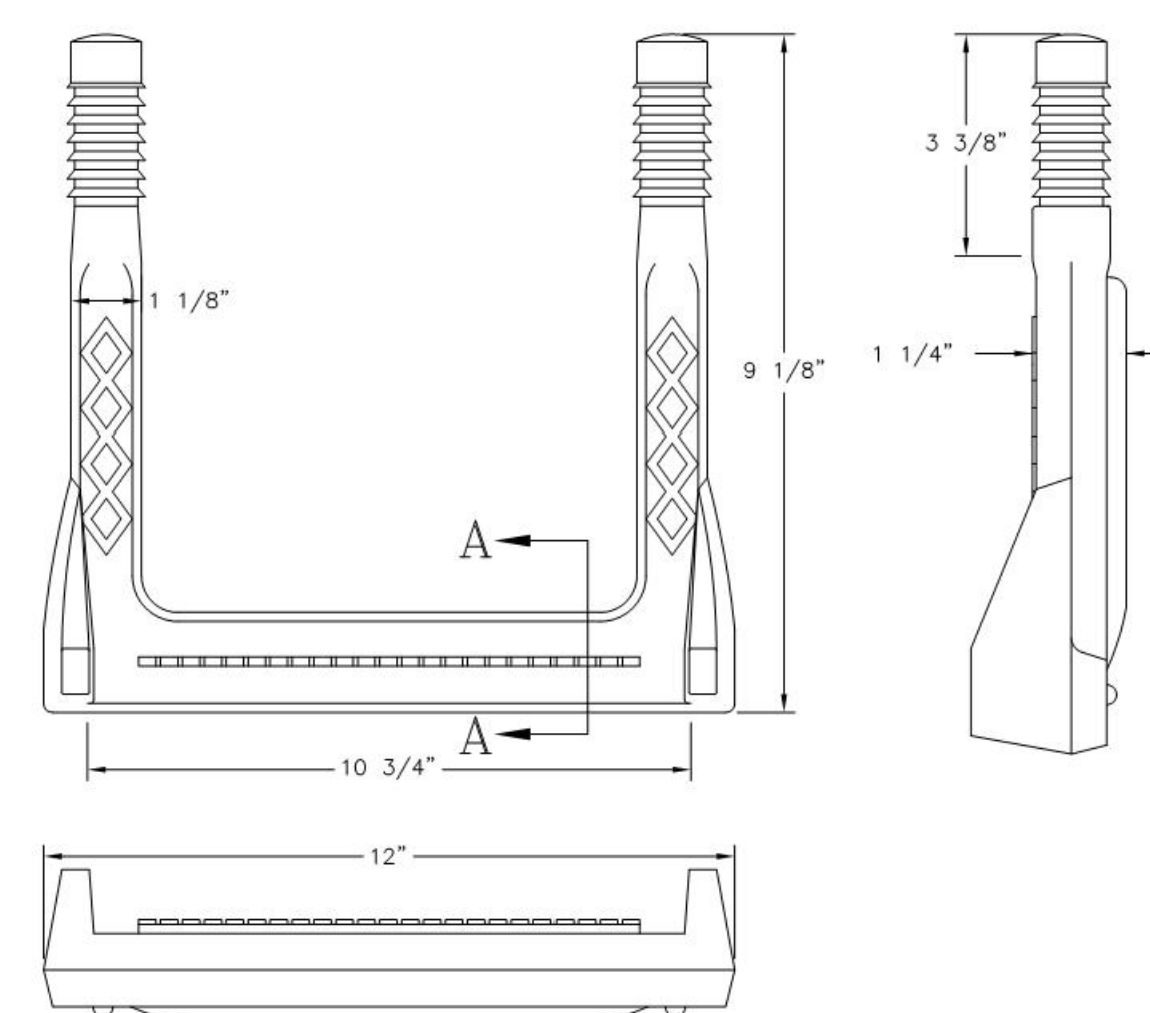
- 1. PRECAST REINFORCED CONCRETE TOPS, RISERS, BASES AND REBARS SHALL CONFORM TO LATEST ASTM C-478 STD. SPECIFICATIONS.
- 2. INTERIOR AND EXTERIOR OF MANHOLE SHALL BE COATED IN ACCORDANCE WITH SECTION 02555 OF CITY OF SAVANNAH STD. SPECIFICATIONS.
- 3. MANUFACTURER CERTIFICATION THAT MANHOLE MEETS ASTM SPECIFICATION SHALL BE SUBMITTED TO CITY OF SAVANNAH.
- 4. FOR MANHOLE RING AND COVER, SEE DETAIL S10.
- 5. FOR MANHOLE STEPS SEE DETAIL S15. STEPS TO BE INSTALLED IN A VERTICAL ROW ON 16" CENTERS.
- 6. CHECK FOR BUOYANCY.
- 7. ALL PIPE PENETRATIONS SHALL HAVE A BOOT CONNECTION IN ACCORDANCE WITH DETAIL S12.

STANDARD PRECAST CONCRETE MANHOLE

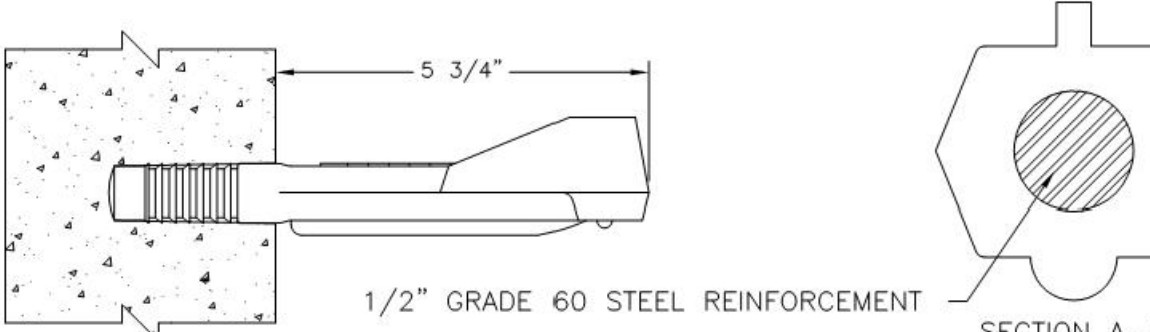
STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S1



COPOLYMER POLYPROPYLENE PLASTIC

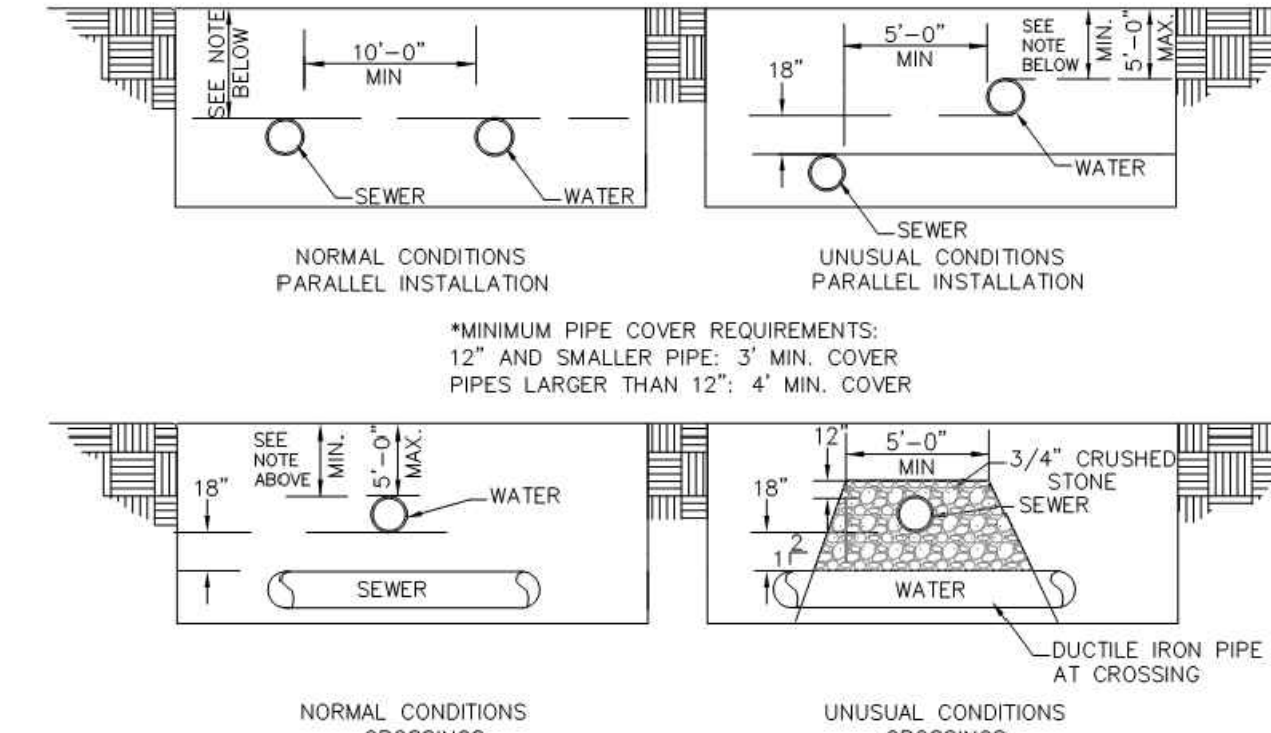


POLYPROPYLENE MANHOLE STEP

STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: S15



NOTES:

THE SEPARATION OF WATER MAINS AND SEWERS SHALL COMPLY WITH THE GEORGIA ENVIRONMENTAL PROTECTION DIVISION MINIMUM STANDARDS FOR PUBLIC WATER SYSTEMS, WHICH ARE GENERALLY AS FOLLOWS:

A. PARALLEL INSTALLATION:

- 1. NORMAL CONDITIONS: THE INSIDE EDGE OF A WATER LINE SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM THE INSIDE EDGE OF ANY SANITARY SEWER, STORM SEWER OR SEWER MANHOLE.
- 2. UNUSUAL CONDITIONS: WHEN LOCAL CONDITIONS PREVENT A HORIZONTAL SEPARATION OF 10 FEET, AND WHEN APPROVED BY THE ENGINEER, THE INSIDE EDGE OF A WATER MAIN MAY BE LAID A MINIMUM OF 5 FEET FROM THE INSIDE EDGE OF A SEWER PROVIDED THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER (SEE DETAIL), AND THE WATER MAIN IS LAID IN A SEPARATE TRENCH OR ON AN UNDISTURBED EARTH SHELF.

B. CROSSINGS:

- 1. NORMAL CONDITIONS: WHENEVER POSSIBLE, THE BOTTOM OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES HIGHER THAN THE TOP OF THE SEWER.
- 2. UNUSUAL CONDITIONS: IF A WATER MAIN MUST CROSS UNDER A SEWER, THE TOP OF THE WATER MAIN SHALL BE AT LEAST 18 INCHES LOWER THAN THE BOTTOM OF THE SEWER, THE WATER MAIN PIPE SHALL BE DUCTILE IRON PIPE CENTERED AT THE CROSSING SO THAT THE JOINTS ARE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER, AND ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT EXCESSIVE DEFLECTION OF THE SEWER AT THE CROSSING. ADEQUATE STRUCTURAL SUPPORT SHALL INCLUDE BACKFILLING THE ENTIRE UTILITY CROSSING AREA WITH 3/4" CRUSHED STONE AS SHOWN IN THE DETAIL.

MINIMUM WATER AND SEWER PIPE SEPARATION REQUIREMENTS

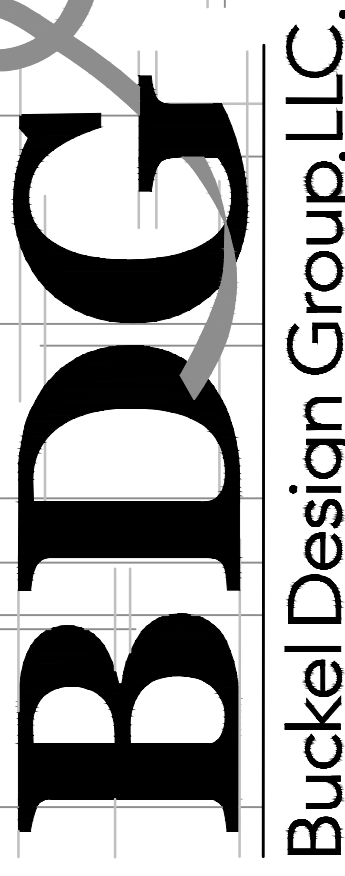
STANDARD CONSTRUCTION DETAILS

CITY OF SAVANNAH
WATER RESOURCES AND PUBLIC WORKS BUREAU
Planning & Engineering

SCALE: N.T.S.
DATED: JAN 2017
PLATE NUMBER: WS1



3471 DONAVILLE ST
DULUTH, GA 30096
PHONE: 404-567-5701
FAX: 404-567-5703
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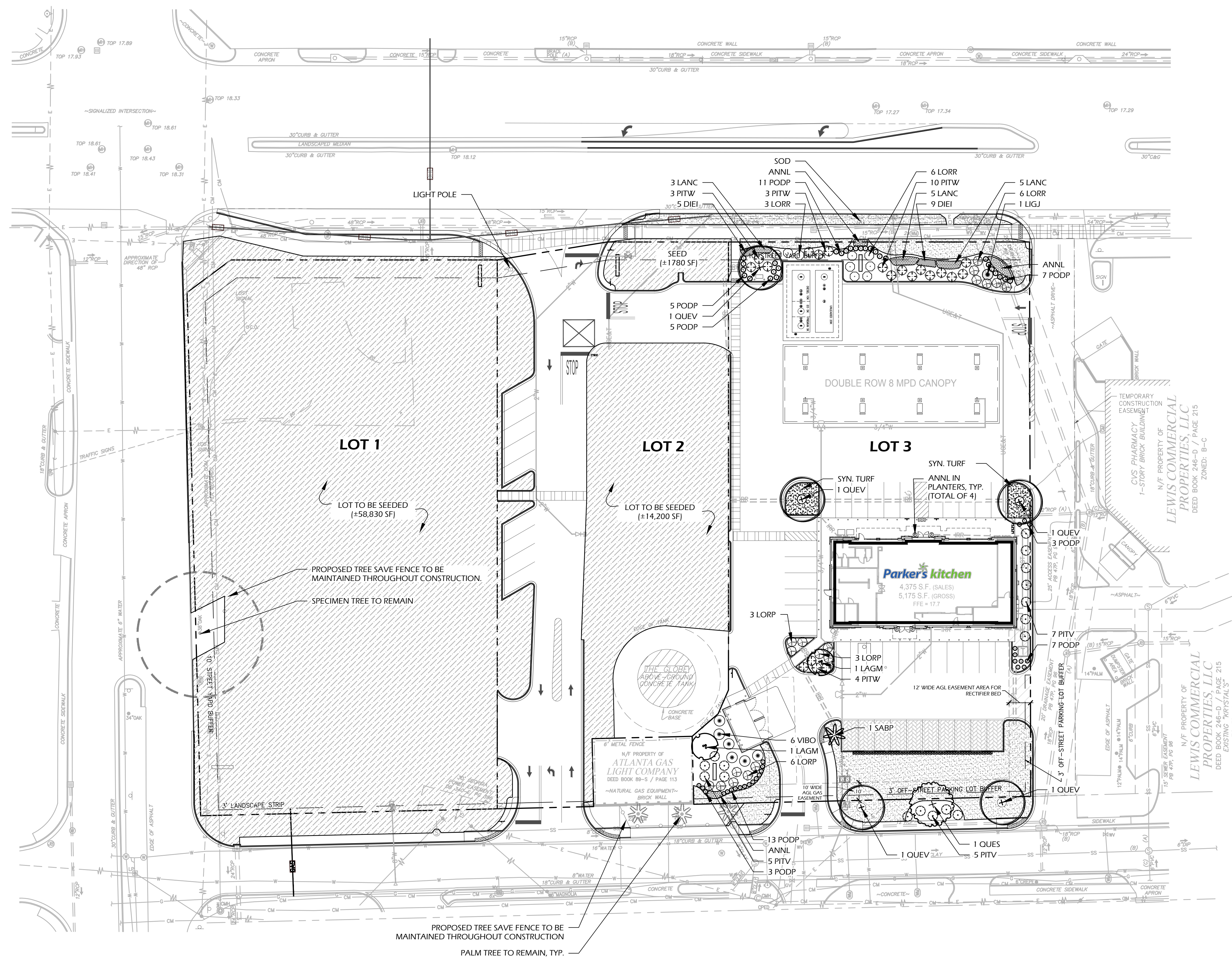
PROPOSED:
Parker's Kitchen
SAVANNAH, GA 31405

FOR:
ATLAS SHRUGGED II, LLC
SAVANNAH, GA 31401

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ISSUED FOR CONSTRUCTION
PROJECT NO. 19-180
FILE 19-180_DETAILS

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SITE INFORMATION	
SITE AREA (LOT 3)	1.231 AC
GREENSPACE	0.231 AC
PARKING AREA	0.15 AC



Winters Jones-Keefe Ltd.
landscape architecture
land planning
www.wjkltd.com
28 Promenade Street, Suite 201 | Bluffton, South Carolina 29910 | ph. 843.787.7411

TREE QUALITY POINTS	
REQUIRED TREE QUALITY POINTS (1600 x 1.231)	1970
PROVIDED TREE QUALITY POINTS	540
5 QUEV @ 90 LOP	450
1 QUES @ 90 LOP	90
TOTAL POINTS REMAINING (CONTRIBUTION TO TREE FUND - AMOUNT AS DETERMINED BY CITY)	1430

LANDSCAPE QUALITY POINTS	
REQUIRED LANDSCAPE QUALITY POINTS (400 x 1.231)	492
PROVIDED LANDSCAPE QUALITY POINTS	493
2 LAGM @ 10 LOP	20
1 SABP @ 2 PTS/FT (UP TO 10' HT.)	20
1 LICJ @ 5 LOP	5
17 PITV @ 5 LOP	85
6 VIBO @ 5 LOP	30
15 LORR @ 5 LOP	75
12 LORP @ 3 LOP	36
20 PITW @ 3 LOP	60
54 PODP @ 3 LOP	162

PARKING AREA - TREE QUALITY POINTS	
REQUIRED TREE QUALITY POINTS (1200 x 0.15)	180
PROVIDED TREE QUALITY POINTS	180
2 QUEV @ 90 LOP	180

PARKING AREA - LANDSCAPE QUALITY POINTS	
REQUIRED LANDSCAPE QUALITY POINTS (400 x 0.15)	60
PROVIDED LANDSCAPE QUALITY POINTS	60
1 LAGM @ 10 LOP	10
1 SABP @ 2 PTS/FT (UP TO 10' HT.)	20
4 PITW @ 3 LOP	12
6 LORP @ 3 LOP	18

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DESIGN CONCEPTS, DRAWING, SHEETS, LOGOS, SPECIFICATIONS, DETAILS, WRITTEN MATERIAL SHALL NOT BE USED OR REPRODUCED IN WHOLE OR IN PART IN ANY FORM WITHOUT PRIOR WRITTEN CONSENT OF WJK LTD.
THIS SHEET TO SCALE AT 24"X36"

SITE DEVELOPMENT PLANS FOR
PARKERS KITCHEN
STORE #88
SAVANNAH, GEORGIA

DATE: AUG. 12, 2021
PROJECT NO.: 15051.36
DRAWN BY: CB
CHECKED BY: DK

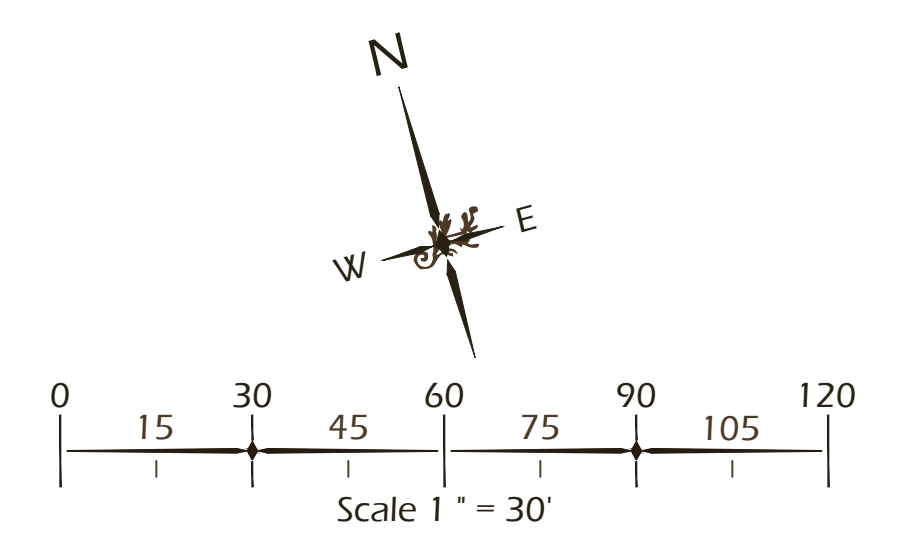
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NOT FOR CONSTRUCTION

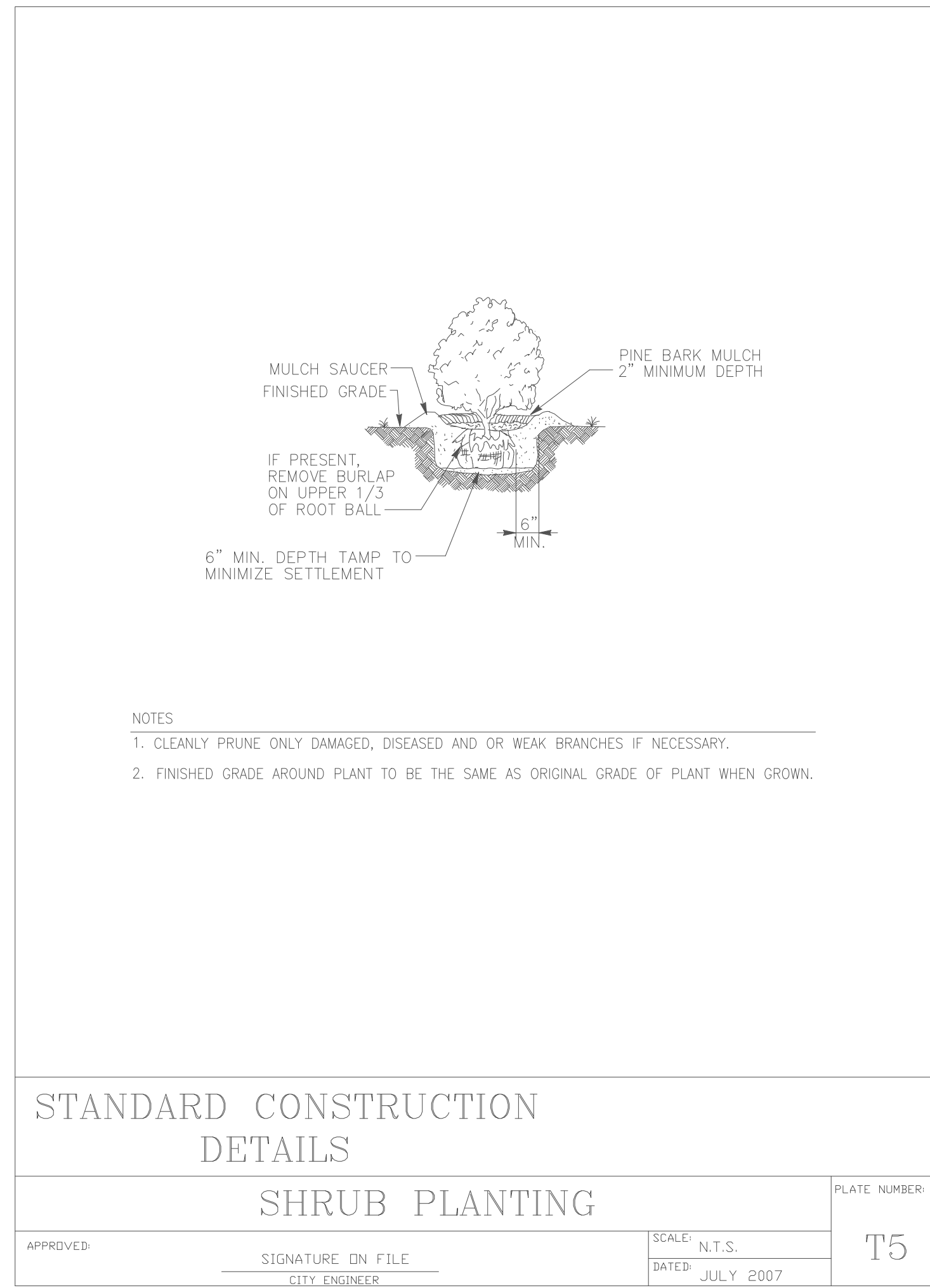
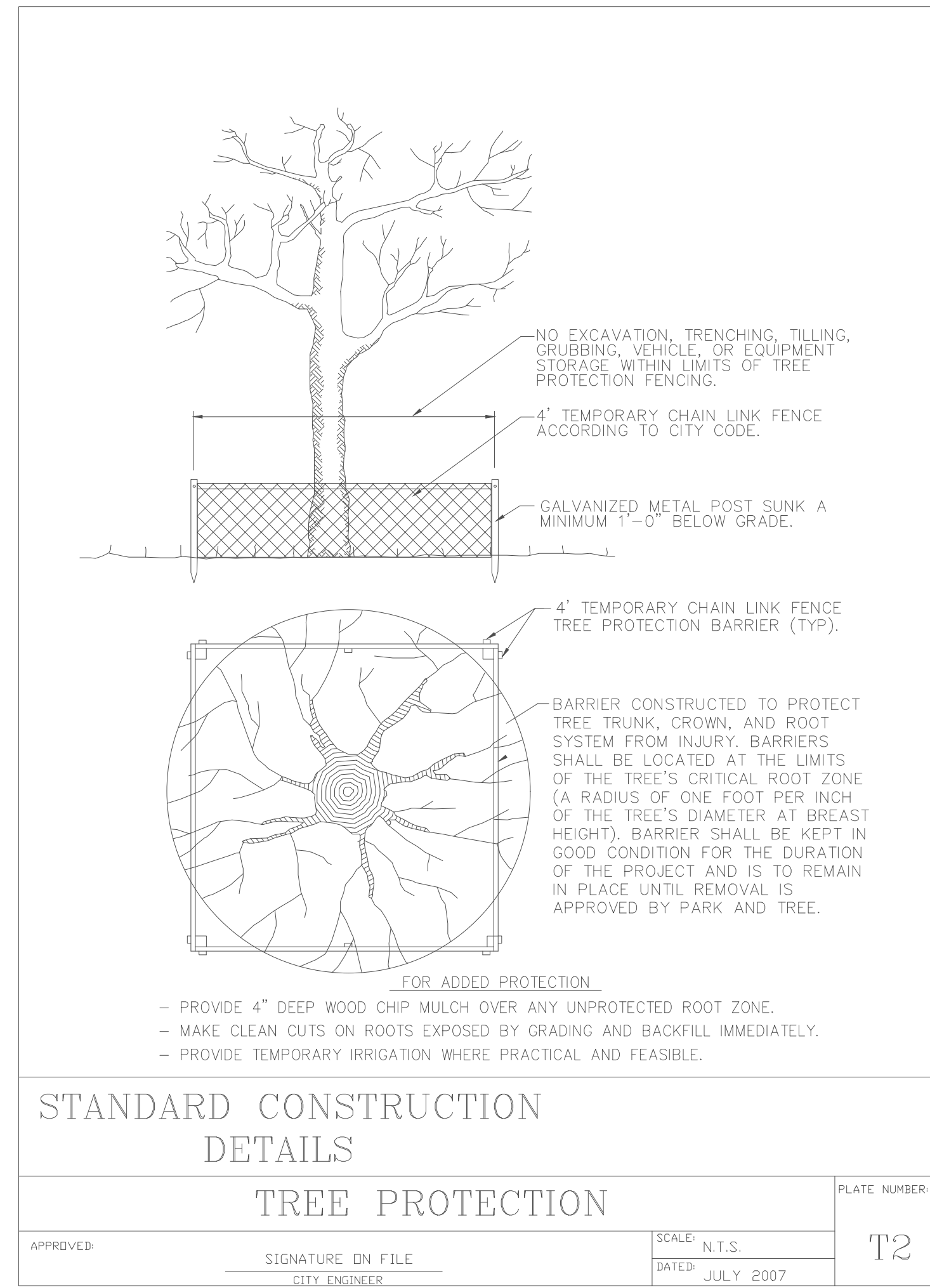
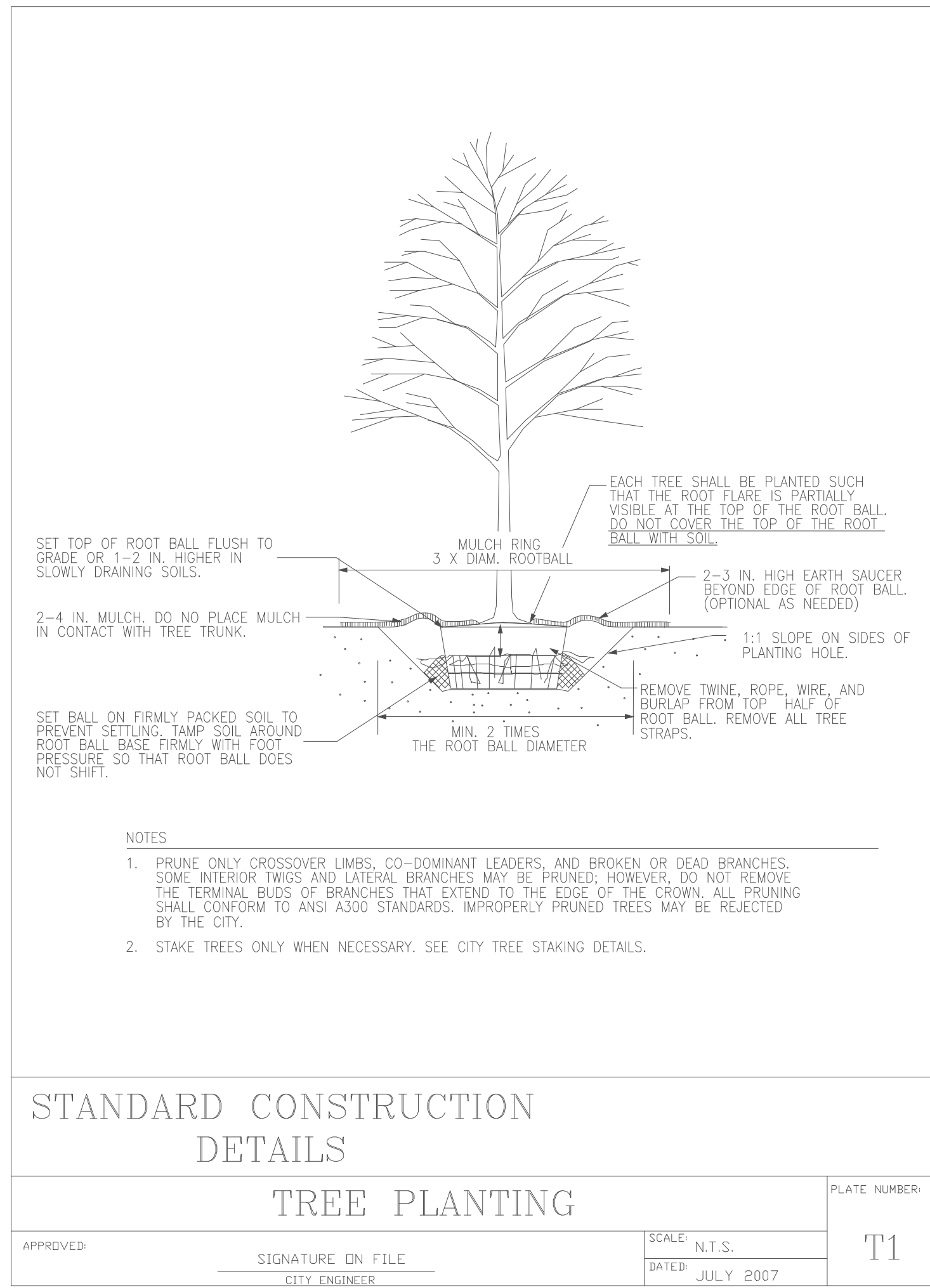
REVISIONS:

DRAWING TITLE
PLANTING PLAN

DRAWING NUMBER

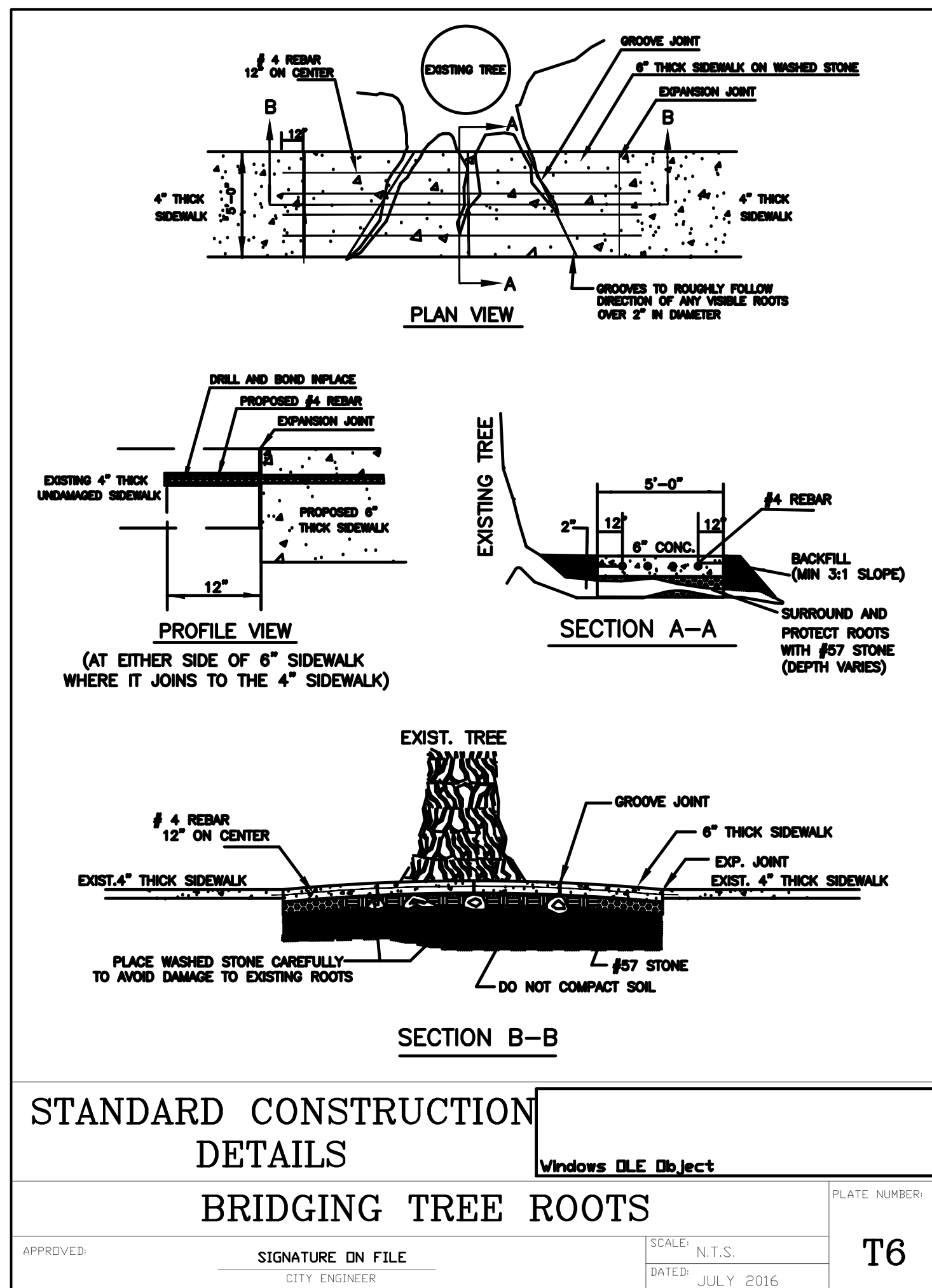
L1 OF 2





City of Savannah Park and Tree Department Tree Protection Notes

- Tree protection shall adhere to the following standards specified in:
 - The *Landscape and Tree Ordinance* of the City of Savannah.
 - The *Landscape and Tree Ordinance Compliance Manual* of the City of Savannah.
- The tree protection device (unless directed otherwise by the Landscape Architect for the City of Savannah or designee) shall be a 4' temporary chain link fence constructed at and around the perimeter of the Tree Protection Zone. The fence shall be attached to galvanized metal posts, spaced no farther than 8' apart.
- Tree protection devices shall be erected prior to the start of construction and shall remain in place until all site and exterior building work is completed and landscape installation has begun. Broken or dislodged tree protection devices shall be immediately repaired.
- All designated Tree Protection Zones must be protected from the sedimentation of erosion material.
- Silt fencing shall be placed along the outer uphill edge of Tree Protection Zones at the land disturbance interface.
- Silt fencing shall be backed by 4' chain link fence in areas of steep slopes.
- No vehicles shall be parked, or construction material stored or substances poured or disposed of or placed, within any Tree Protection Zone at any time during clearing or construction of the project.
- No change in grade within the Tree Protection Zone shall be allowed around existing trees except for a maximum additional of two inches of mulch unless approved by the Landscape Architect for the City of Savannah or designee.
- Trees within a Tree Protection Zone shall not be pruned or removed without prior knowledge and consent from the City of Savannah's Park and Tree Department.
- All retained or planted trees shall be protected or situated so as to prevent damage from environmental changes or land disturbance resulting from any building or facility construction within or immediately adjacent to the Critical Root Zone of the tree(s).
- Any damage or injury to trees shall be reported immediately to the City of Savannah's Park and Tree Department Site Inspector at (912) 651-6610.



City of Savannah Park and Tree Department Planting Notes

- All planting shall adhere to the following standards as specified in:
 - The *Landscape and Tree Ordinance* of the City of Savannah.
 - The *Landscape and Tree Ordinance Compliance Manual* of the City of Savannah.
- Plants shall be true to species and variety specified, and nursery-grown in accordance with good horticultural practices.
- Any deviation from these plans in either species or layout must be specifically approved by the Landscape Architect for the City of Savannah or designee.
- Plants shall conform to the measurements specified on the approved plan(s).
- Contractors are responsible for inspection of existing conditions and must promptly report any discrepancies.
- No large or medium tree species shall be planted within 10-feet of any underground utility line or underneath any overhead power lines, and small tree species must maintain a minimum 5-foot separation from underground utility lines.
- All trees shall be healthy, vigorous, with a normal habit of growth, even distribution of branches, a straight trunk which exhibits good trunk taper, with limbs not lower than four feet above the ground, dependent upon the species, and shall be free from disease, insect infestation, mechanical injury, girdling roots, or other objectionable features that would cause the tree to decline or become structurally unsound. Trees shall be well-branched and densely foliated when in leaf.
- Plants shall be subject to inspection for conformity to specifications requirements and approval by the City of Savannah Park and Tree Department. Such approval shall not impair the right of inspection and rejection during progress of the work. Acceptance at the nursery, in which the plant is growing, prior to transplanting, does not preclude rejection at the site for just cause.
- Tree shall be planted at proper depth or shall be rejected at time of inspection.
- Stake trees only when necessary. Staking and guying shall follow the City of Savannah's Park and Tree Department specifications when used.
- Landscape contractors are required to attend a pre-planting meeting with the City of Savannah's Park and Tree Department prior to the start of the project. Please contact the Park and Tree Department Site Inspector at (912) 651-6610 to set up the meeting.

PLANT SCHEDULE

Quantity	Abbrev	Botanical Name	Common Name	Height	Spread	Container	Gal/Spacing	Notes
TREES								
1	QUES	Quercus shumardii	Shumard Oak	10'-12'	-	Cont.	2-1/2'	Full
5	QUEV	Quercus virginiana 'OVITA' PP 11219 Highrise	High Rise Live Oak	10'-12'	-	Cont.	2-1/2'	Full
UNDERSTORY TREES								
2	LAGM	Lagerstroemia indica x fauriei 'Muskogee'	Muskogee Crape Myrtle	7'-8'	3'-4'	Cont.	1" cal. min.	Full
1	SABP	Sabal palmetto	Cabbage Palm	12'	6'-8'	Cont.	-	Refoliated
SHRUBS								
1	LIGJ	Ligustrum japonicum	Japanese Privet	4'-5'	-	30 gal.	-	Full
15	LORR	Loropetalum chinense 'Ruby'	Ruby Fringe Flower	3'-4'	-	7 gal.	-	Full
12	LORP	Loropetalum chinense 'Peak' PP18441	Purple Pixie® Fringe Flower	12'-15'	15'-18"	3 gal.	-	Full
17	PIV	Pittosporum tobira 'Variegata'	Variegated Pittosporum	18-24"	12-15"	3 gal.	-	Full
20	PIW	Pittosporum tobira 'Wheeler's Dwarf'	Dwarf Pittosporum	18-24"	12-15"	3 gal.	-	Full
54	PODP	Podocarpus macrophyllus 'Pringles Dwarf'	Dwarf Podocarpus	15"	15"	3 gal.	-	Full
6	VIBO	Viburnum odoratissimum	Sweet Viburnum	30'-36"	24'-30"	7 gal.	-	Full
GROUNDCOVERS, VINES, & PERENNIALS								
14	DIEI	Diets indioides	White African Iris	12'-18"	8'-12"	1 gal.	24" O.C.	Full
13	LANC	Lantana 'Chapel Hill Yellow' PP19548	Chapel Hill Yellow Lantana	8'-12"	8'-12"	1 gal.	18" O.C.	Yellow Flowers, Full
150 sf	ANNL		Seasonal Color					See specification below
SOD, & MULCH								
74,810 sf	SEED		Centipede seed or approved equal					
7400 sf	SOD		Centipede sod or approved equal					
500 sf	SYN. TURF		Synthetic Turf					
4900 sf	MULCH		Dark Cypress (mulch all plant beds and disturbed areas)					

CITY OF SAVANNAH DEVELOPMENT SERVICES
SITE PLAN APPROVED 1/16/2021

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THIS SHEET TO SCALE AT: 24"X36"

SITE DEVELOPMENT PLANS FOR
PARKERS KITCHEN
STORE #88
SAVANNAH, GEORGIA

DATE: AUG. 12, 2021
PROJECT NO.: 15051.36
DRAWN BY: CB
CHECKED BY: DK

SUBMITTAL PLAN

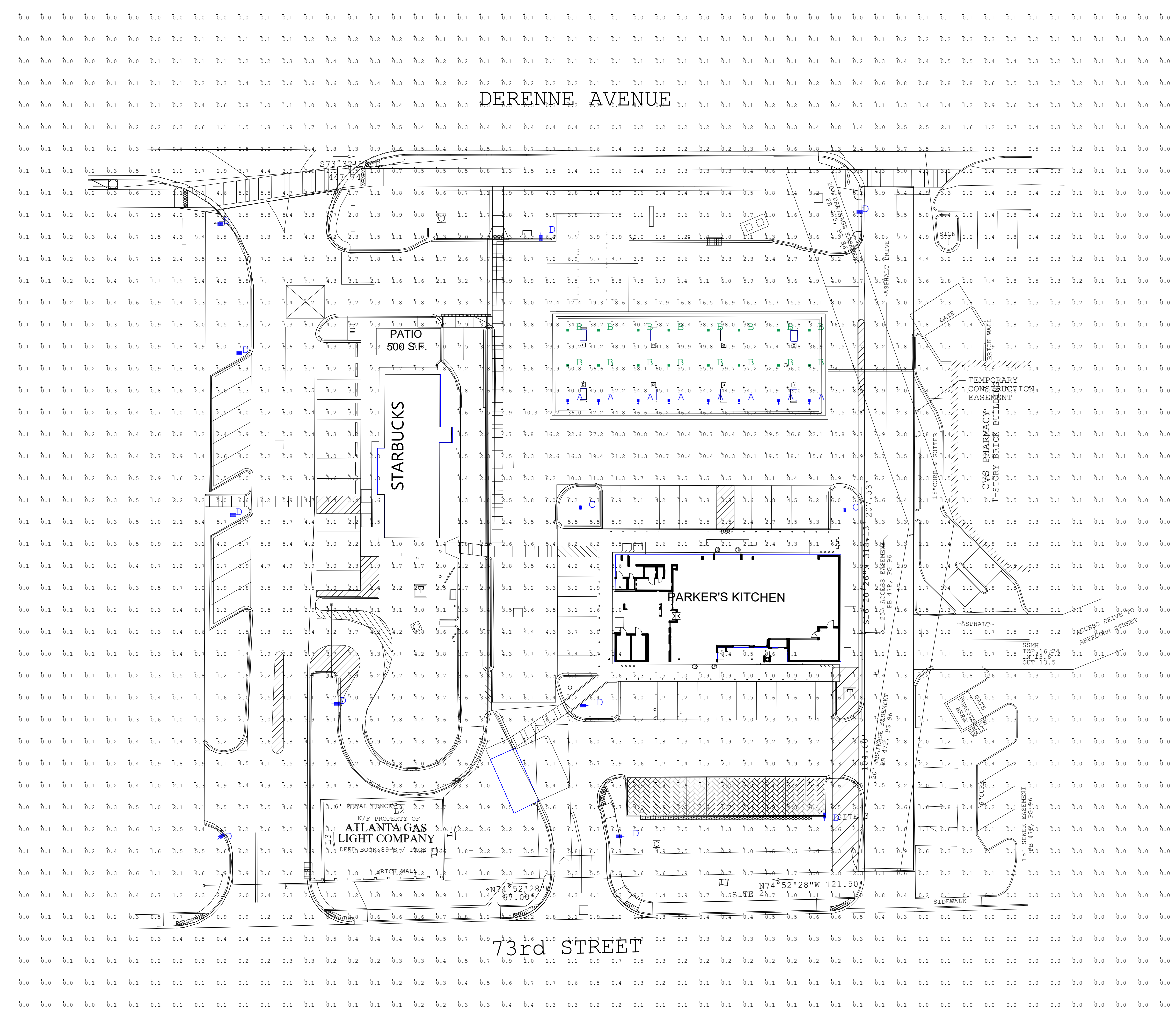
NOT FOR CONSTRUCTION

REVISIONS:

DRAWING TITLE
PLANT SCHEDULE AND DETAILS

DRAWING NUMBER

L2 OF 2



Symbol	Qty	Label	Arrangement	Description	LLD	LDD	LLF	Arr. Lum. Lumens	Arr. Watts
	8	A	SINGLE	SCV-LED-23L-SCFT-50 MTD @ 15'	1.000	1.000	1.000	23101	188
	16	B	SINGLE	SCV-LED-15L-SC-50 MTD @ 15'	1.000	1.000	1.000	14963	102
	2	C	SINGLE	MPH-LED-35L-SIL-5W-50-70CRI 22' POLE+2' BASE	1.000	1.000	1.000	38036	294
	10	D	SINGLE	MRM-LED-30L-SIL-FT-50-70CRI-SINGLE-24' POLE+2' BASE	1.000	1.000	1.000	32425	232

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ALL CALC POINTS	Illuminance	Fc	3.29	60.1	0.0	N.A.	N.A.
CANOPY	Illuminance	Fc	45.88	60.1	31.2	1.47	1.93
INSIDE CURB PARKER'S	Illuminance	Fc	6.93	30.8	0.6	11.55	51.33
INSIDE CURB STARBUCKS	Illuminance	Fc	4.11	7.4	1.3	3.16	5.69

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LED's and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.



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