

Plotted By: C:\Users\Khal\OneDrive\Documents\Projects\TT-01.0\COVER SHEET.dwg
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PROJECT LOCATION
(ESCAMBIA COUNTY)



CONSTRUCTION PLANS FOR TOM THUMB PENSACOLA LOCATED IN PENSACOLA, FLORIDA SECTION 05, TOWNSHIP 03S, RANGE 31W

PROJECT TEAM

OWNER/DEVELOPER

ROBERT POLO
EG AMERICA
(570) 270-1476

ARCHITECT

BEN WETZEL
LARSON DESIGN GROUP
(570) 600-9022

SURVEYOR

WALTER J. GLAZE, PSM
PITTMAN, GLAZE AND ASSOCIATES, INC
5700 N. DAVIS HIGHWAY, SUITE 3
PENSACOLA, FL 32503
(850) 434-6666

CIVIL ENGINEER

JACOB LAWSON, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
445 24TH STREET, SUITE 200
VERO BEACH, FLORIDA 32960
(772) 794-4100

LANDSCAPE ARCHITECT

MATTHEW FRANKO, RLA
189 SOUTH ORANGE AVENUE
SUITE 1000
ORLANDO, FL 32801
407-898-1511

PROJECT LOCATION



VICINITY
N.T.S.



WATER AND SANITARY SEWER

ESCAMBIA COUNTY UTILITY AUTHORITY
3363 WEST PARK PLACE
PENSACOLA, FL 32505
(850) 595-1820
CONTACT: ANDRE CALAMINUS

FIRE PREVENTION

ESCAMBIA COUNTY UTILITY AUTHORITY
3363 WEST PARK PLACE
PENSACOLA, FL 32505
(850) 595-1820
CONTACT: BRIAN HATLER

STORMWATER

NORTHWEST FLORIDA WATER MGT. DIST.,
81 WATER MANAGEMENT DRIVE
HAVANA, FL 32333
(850) 539-5999

ESCAMBIA COUNTY UTILITY AUTHORITY
3363 WEST PARK PLACE
PENSACOLA, FL 32505
(850) 595-1820

FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT)
DISTRICT 3
1074 HIGHWAY 90
CHIPLEY, FL 32428
(888) 638-0250

PLANNING AND ZONING

ESCAMBIA COUNTY UTILITY AUTHORITY
3363 WEST PARK PLACE
PENSACOLA, FL 32505
(850) 595-1820
CONTACT: TERRY WILLIAMS

FDOT

DISTRICT 3
1074 HIGHWAY 90
CHIPLEY, FL 32428
(888) 638-0250

ELECTRIC PROVIDER

GULF POWER
1 ENERGY PL
PENSACOLA, FL 32520
(800) 225-5797

NATURAL GAS PROVIDER

PENSACOLA ENERGY
222 W. MAIN ST
PENSACOLA, FL 32502
(850) 435-1800

PREPARED BY:

Kimley»Horn

Approved ESCAMBIA COUNTY DRG PLAN REVIEW	
DRC Chairman Signature: <u>J. Stampton</u>	Date: <u>9-1-21</u>
Printed Name: _____ Development Services Director or Designee	
This document has been reviewed in accordance with the requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor or other signatory from responsibility of details as drawn. A Development Order (DO) must be obtained through the Development Review Process prior to the commencement of construction. This DO approval does not constitute approval by any other agency. All additional state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of state/federal permits shall be provided to the county prior to approval of a final plat or the issuance of a building permit.	

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696



KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
147785006	APRIL 2021	AS SHOWN			

COVER SHEET

TomThumb

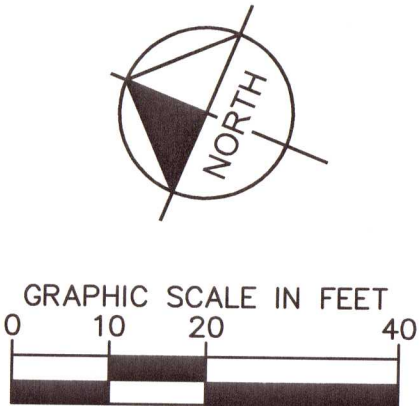
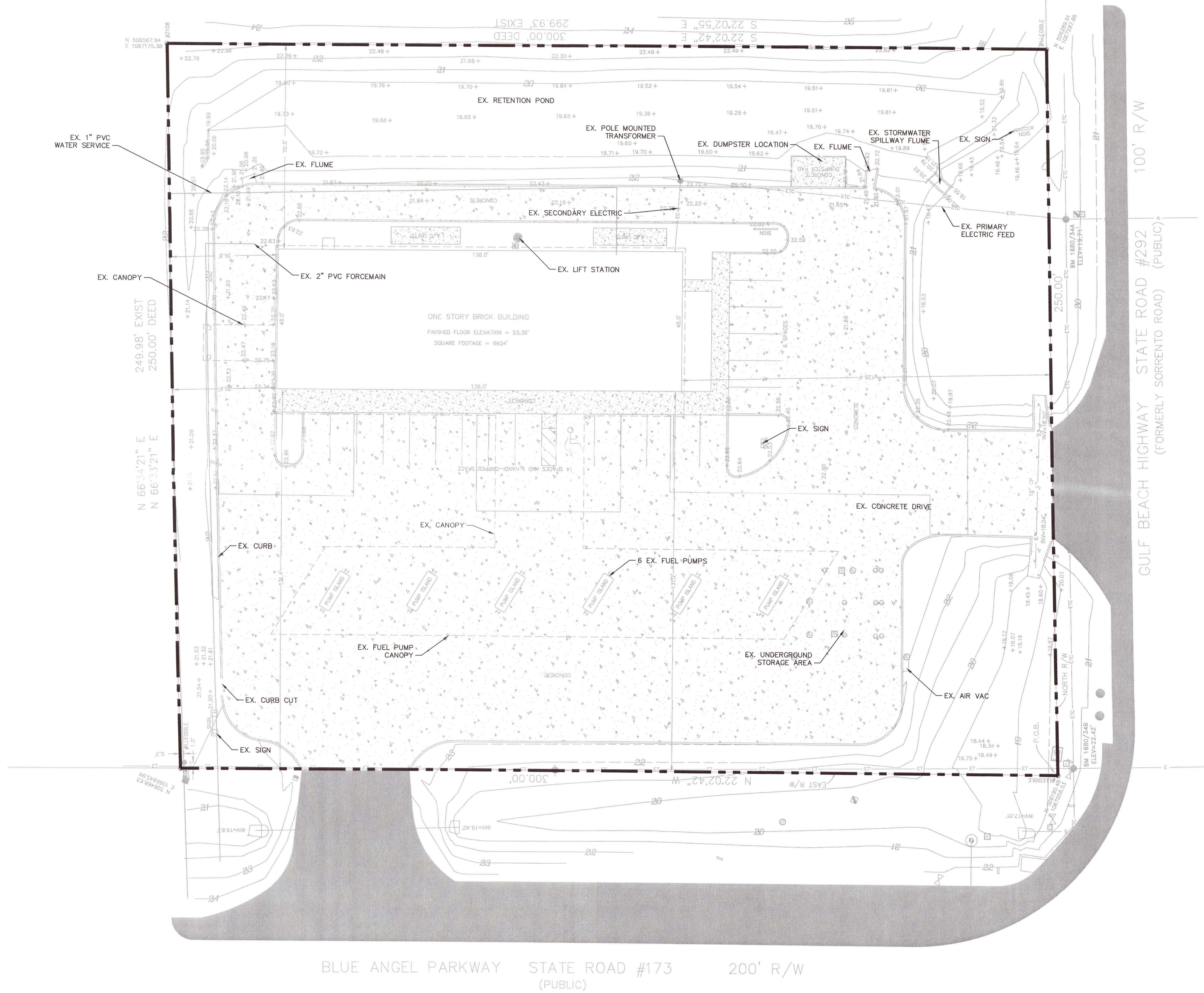
EG America
A subsidiary of E-G Group

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

Sunshine811
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.
Check positive response codes before you dig!

SHEET NUMBER
TT-01.0

Plotted By:Caubey, Kiel Sheet Set:Tom Thumb Pensacola TT025 Layout:TT-02.0 EXISTING CONDITIONS PLAN August 19, 2021 02:14:34pm K:\VRB_LDEV\14785006_ Tom Thumb Pensacola TT025 CAD\Drawings\TT-02.0 EXISTING CONDITIONS PLAN.dwg
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LEGEND

- PROPERTY LINE
- EXISTING SPOT ELEVATION
- EXISTING WATER MAIN
- EXISTING FIRE MAIN
- EXISTING SANITARY MAIN
- EXISTING DRAINAGE
- EXISTING ASPHALT TO REMAIN
- EXISTING VALVE (GV)
- EXISTING STUB
- EXISTING FITTING (TYP)
- EXISTING INLET

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.

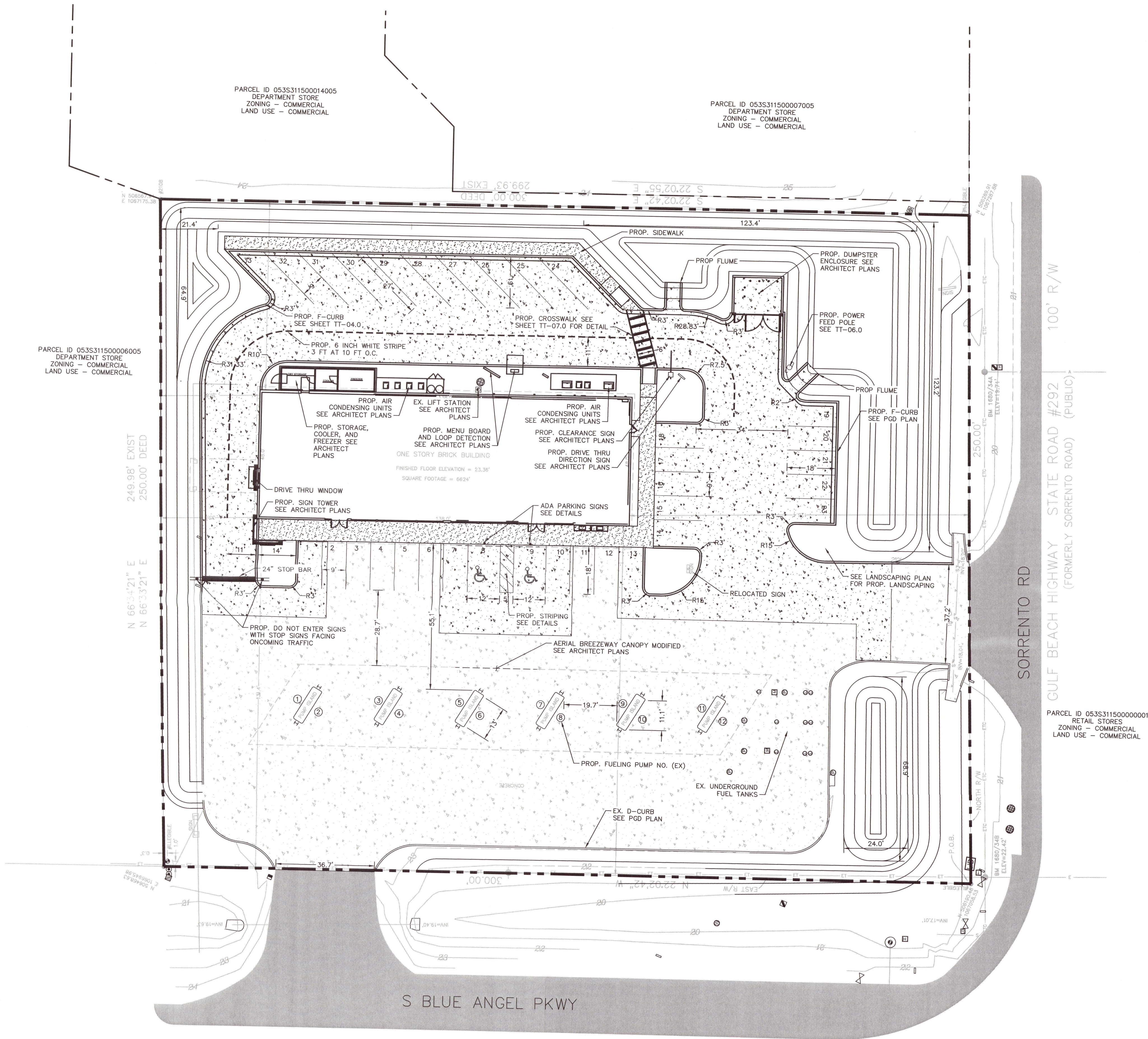
Sunshine811

Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig!

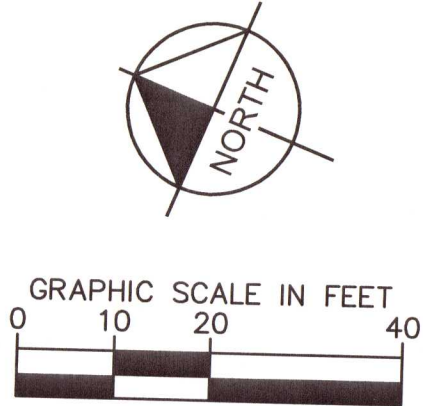
	FLORIDA		PENSACOLA	SHEET NUMBER TT-02.0	REVISIONS		DATE
					No.	BY	
EXISTING CONDITIONS PLAN							
Kimley»Horn					© 2021 KIMLEY-HORN AND ASSOCIATES, INC. 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960 PHONE: 772-794-4100 WWW.KIMLEY-HORN.COM CA 0000696		
KHA PROJECT 147785006					DATE APRIL 2021		
SCALE AS SHOWN					DESIGNED BY DRAWN BY		
CHECKED BY					DATE		

Plotted By: C. Aubrey, K&L Sheet Set: Tom Thumb Pensacola, August 18, 2021 02:15:26pm K: VRB LDEVV14785006 J: Tom Thumb Pensacola H1965.GDD\Drawings\TT-03.0 SITE PLAN.dwg
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LEGEND AND ABBREVIATIONS

- PROP EX. TYP
PROPOSED
EXISTING
TYPICAL
- PROPERTY LINE
- PROPOSED CONCRETE SIDEWALK
- PROPOSED CONCRETE PARKING
- EXISTING ONSITE CONCRETE PAVEMENT AREA



SITE NOTES:

1. PROPOSED CANOPY, FUEL DISPENSERS, UNDERGROUND STORAGE TANK, OUTDOOR SEATING, AIR TOWER, DUMPSTER ENCLOSURE AND CONVENIENCE STORE DESIGN AND PROVISIONS SHALL BE CROSS REFERENCED TO THE ARCHITECTURAL AND/OR TANK & PUMP PLANS RESPECTIVELY FOR INSTALLATION ASPECTS AS APPLICABLE.
2. FOR ADDITIONAL SIGNING AND PAVEMENT MARKING NOTES SEE GENERAL NOTES SHEET.
3. ALL PARKING SPACES INCLUDING ACCESSIBLE PARKING SPACES SHALL BE STRIPED IN THERMOPLASTIC PAINT AND BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS, SECTION 711.
4. LIGHT POLES ARE DEPICTED FOR ILLUSTRATIVE PURPOSES ONLY. REFER TO LIGHTING PLANS FOR EXACT LOCATIONS AND CONSTRUCTION AS APPLICABLE.
5. THE SURFACE WHICH IS TO BE PAINTED SHALL BE CLEANED, BY COMPRESSED AIR OR OTHER EFFECTIVE MEANS, IMMEDIATELY BEFORE THE START OF PAINTING, AND SHALL BE CLEAN AND DRY WHEN THE PAINT IS APPLIED. ANY VEGETATION OR SOIL SHALL BE REMOVED FROM THE PAVEMENT BEFORE STRIPING IS BEGUN. WAIT 30 DAYS FOR CONCRETE/ASPHALT TO CURE BEFORE FINAL STRIPING.
6. COMPACT FILL AREAS, INCLUDING CUT AREAS UNDER THE SIDEWALK THAT HAVE BEEN EXCAVATED MORE THAN 6 INCHES BELOW THE BOTTOM OF SIDEWALK, TO A MINIMUM OF 95% OF AASHTO T99 DENSITY. THE AREA TO BE COMPACTED IS DEFINED AS THAT AREA DIRECTLY UNDER THE SIDEWALK AND 1 FOOT BEYOND EACH SIDE OF THE SIDEWALK WHEN RIGHT-OF-WAY ALLOWS.
7. SITE LIGHTING MUST CONFORM TO ESCAMBIA COUNTY STANDARDS.
8. PARKING STALL NUMBERS ARE FOR REFERENCE ONLY AND NOT TO BE PAINTED ON STALLS.
9. THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X. (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT ANNUAL-CHANCE FLOODPLAINS. NO BFEs OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0526G, MAP REVISION DATED SEPTEMBER 29, 2006.

SITE DATA

LOCATION: SECTION 05, TOWNSHIP 03 S, RANGE 31 W

ADDRESS: 2290 BLUE ANGEL PKWY
PENSACOLA, FL

PARCEL ID: 053S31100000202 / 053S311500009005

ZONING: C-1: COM

LAND USE: COMMERCIAL

SITE AREA: 74,969 SF 1.72 AC

PROPOSED USE: TWO FAST FOOD RESTAURANTS
(BURGER KING/PIZZA HUT)

SITE DATA TABLE		
	EXISTING	PROPOSED
TOTAL SITE AREA	74,969 SF	74,969 SF
PERVIOUS AREA	29,583 SF	24,138 SF
IMPERVIOUS AREA	38,762 SF	44,207 SF
BUILDING AREA	6,624 SF	6,624 SF

PARKING CALCULATIONS

CONVENIENCE STORE

REQUIRED 27 SPACES

PROVIDED: 33 PROVIDED
12 PROVIDED (GAS PUMP POSITIONS)
45 PROVIDED TOTAL

ADA ACCESSIBLE SPACES

REQUIRED: 2 SPACES
PROVIDED: 2 SPACES

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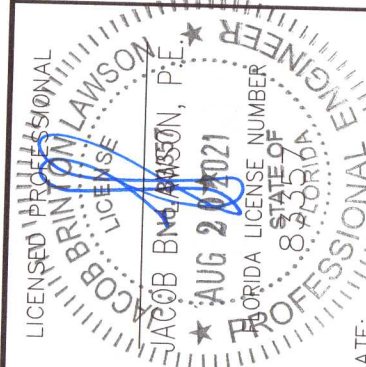


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Check positive response codes before you dig!

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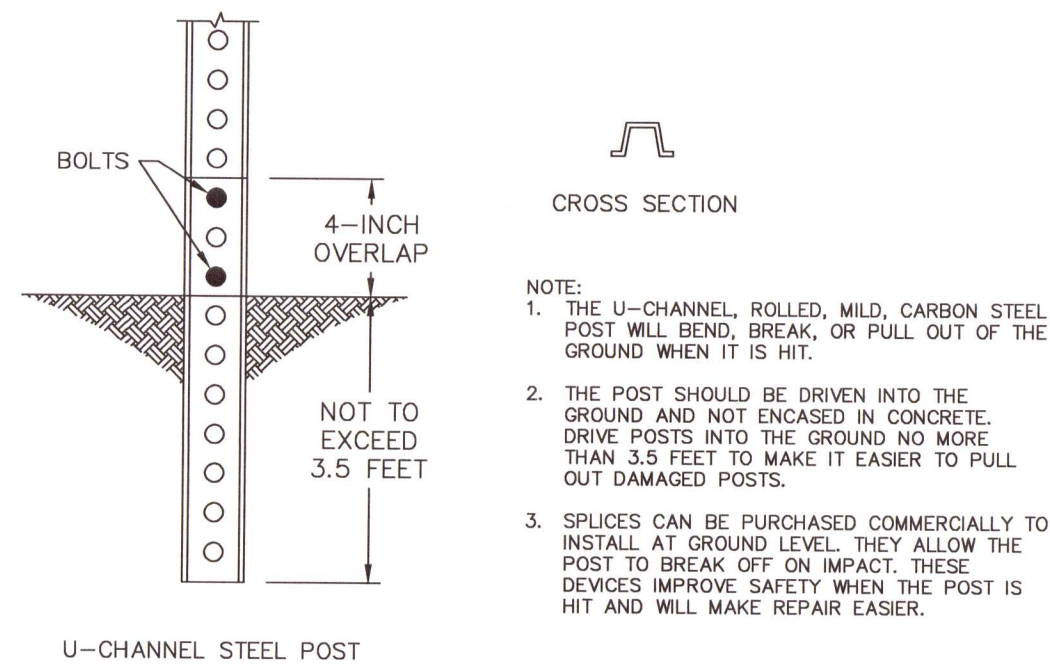
KHA PROJECT 147785006
DATE APRIL 2021
SCALE AS SHOWN
DESIGNED BY JACOB B. LAWSON, P.E.
DRAWN BY
CHECKED BY

SITE PLAN

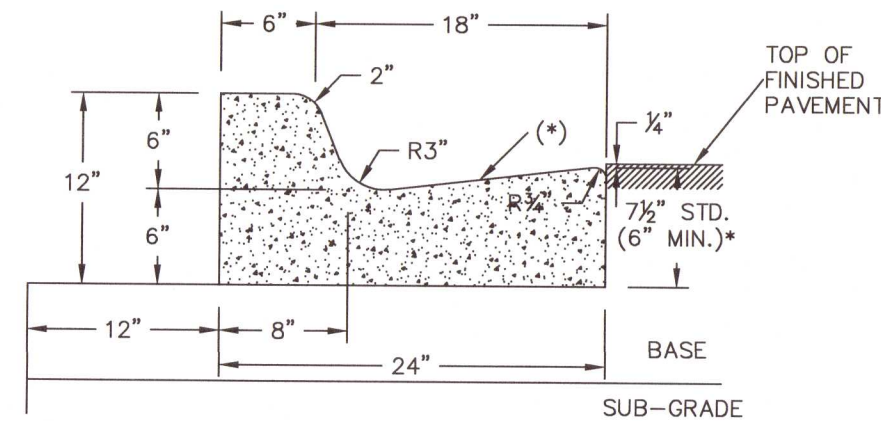


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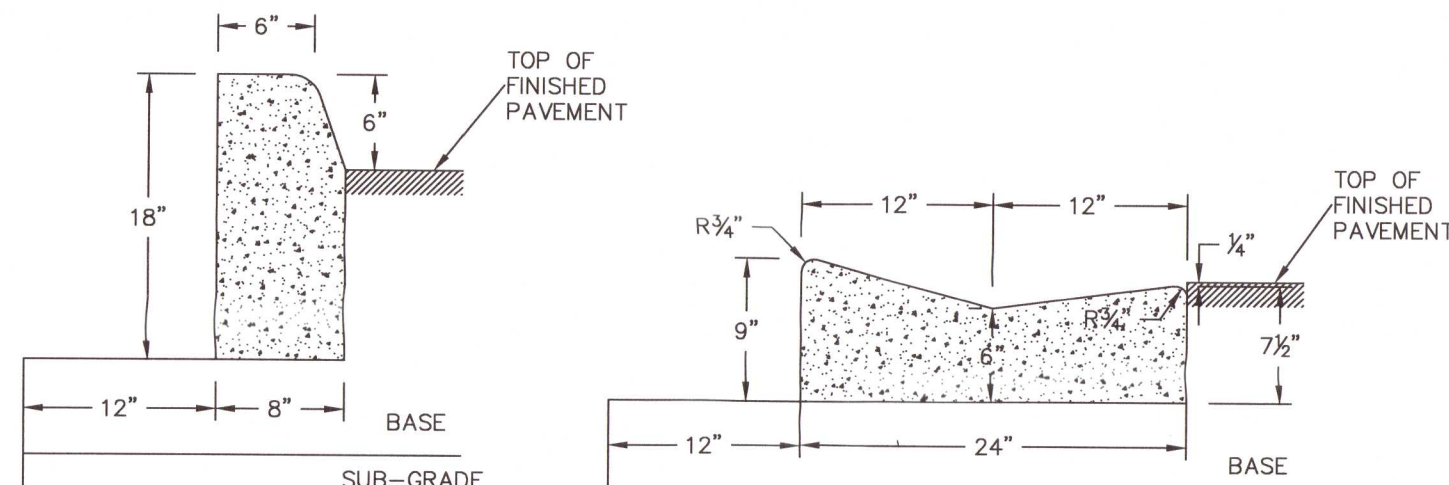
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SIGN POST
N.T.S.



TYPE "F" CURB AND GUTTER
N.T.S.



TYPE "D" CURB
N.T.S.

VALLEY GUTTER
N.T.S.

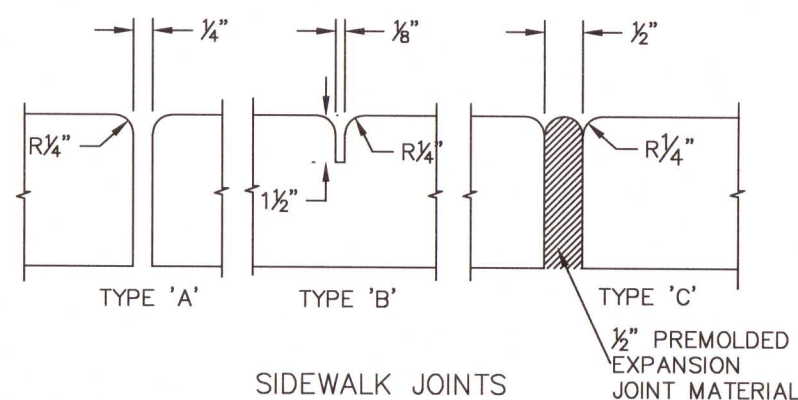
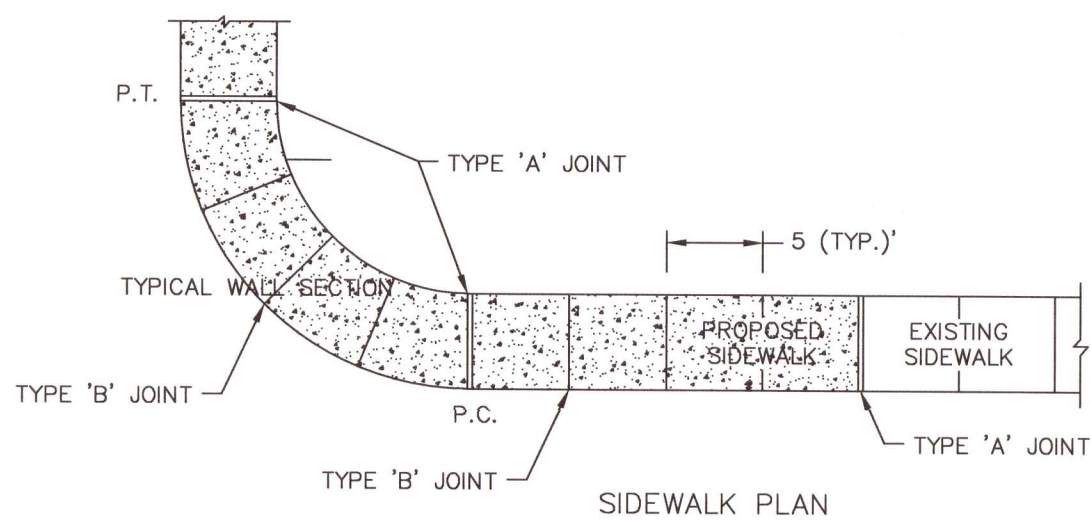
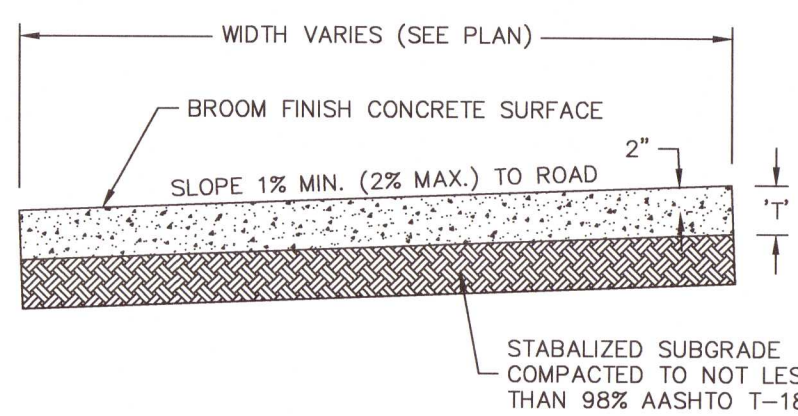


TABLE OF SIDEWALK JOINTS	
TYPE	LOCATION
'A'	100' MAX. SPACING, P.C./P.T. OF CURVES, JUNCTION OF EXISTING AND NEW SIDEWALKS.
'B'	5'-0" CENTER TO CENTER
'C'	WHERE SIDEWALK ABUTS CONCRETE CURBS, DRIVEWAYS AND SIMILAR STRUCTURES.

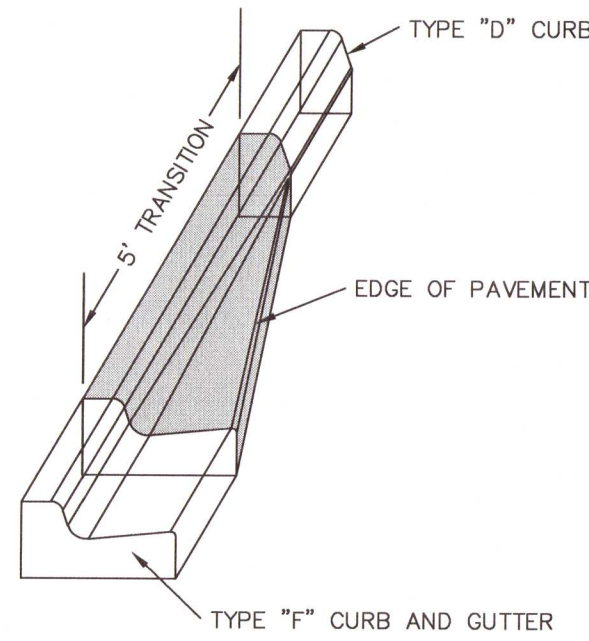


STANDARD CROSS SECTION

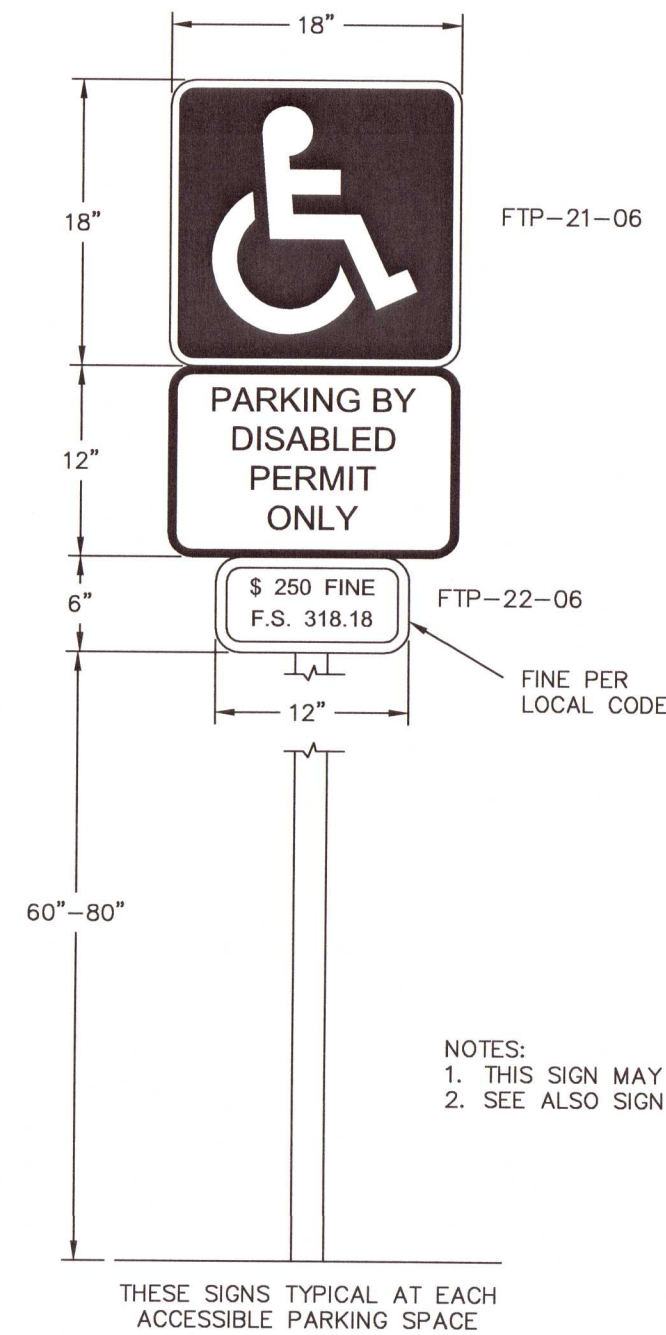
CONCRETE SIDEWALK
N.T.S.

TABLE OF SIDEWALK THICKNESS	
LOCATION	"T"
PEDESTRIAN ONLY AREAS	5"
DRIVEWAYS AND OTHER TRAFFIC AREAS	6"

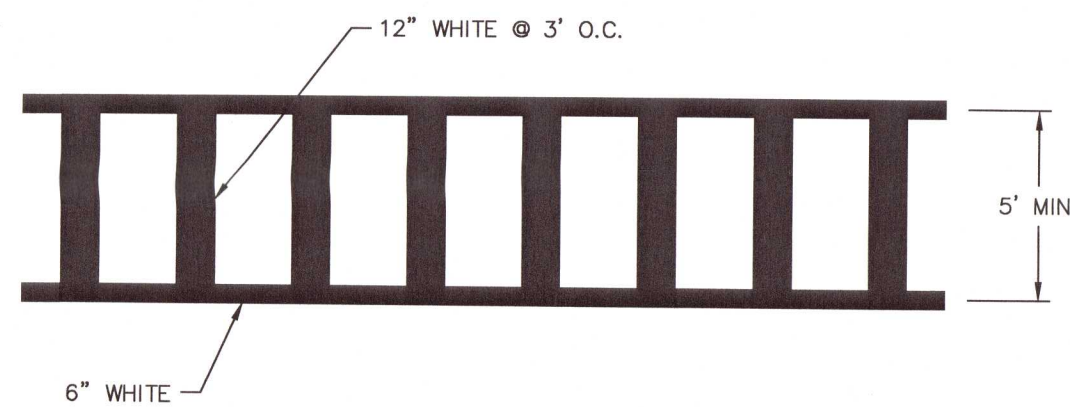
NOTE:
ALL SIDEWALK STREET CROSSINGS MUST MEET THE REQUIREMENTS OF THE AMERICAN DISABILITIES ACT (ADA) COMPLIANCE GUIDE. TRANSITIONS FROM RAMPS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.



5' CURB TRANSITION
N.T.S.



ACCESSIBLE PARKING SIGN
N.T.S.



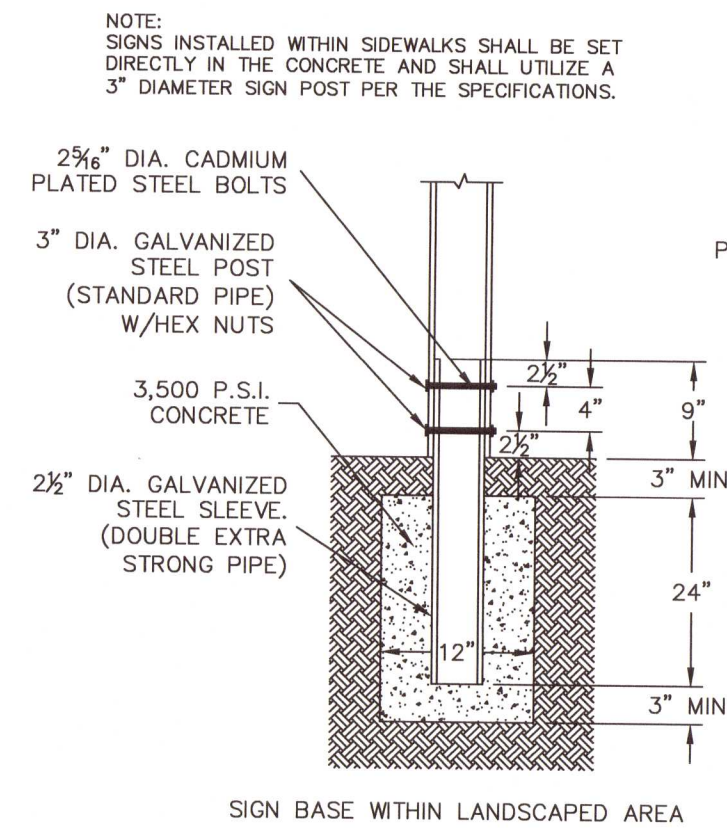
CROSSWALK
N.T.S.



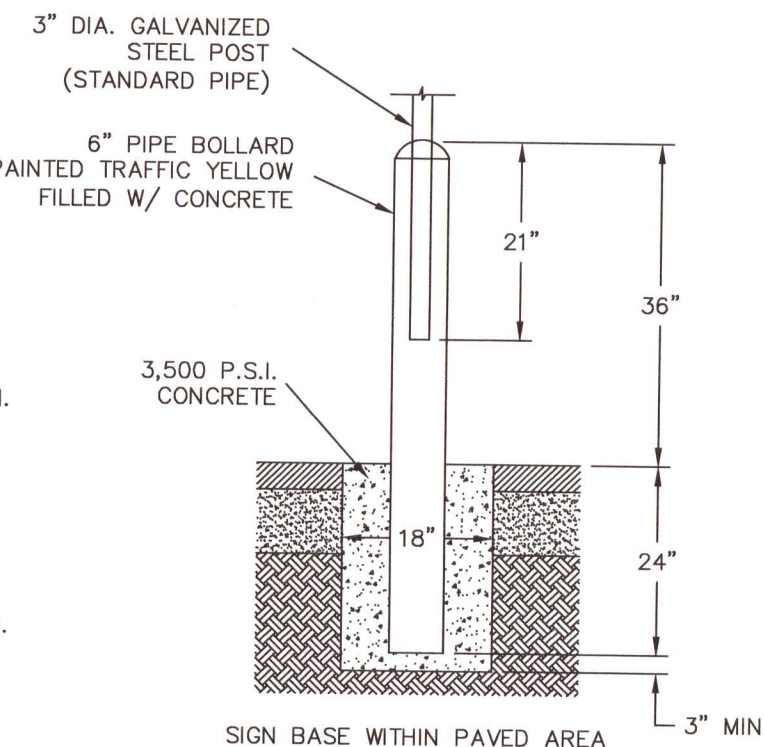
R1-1 STOP SIGN PER MUTCD (30"x30")



R5-1 DO NOT ENTER SIGN

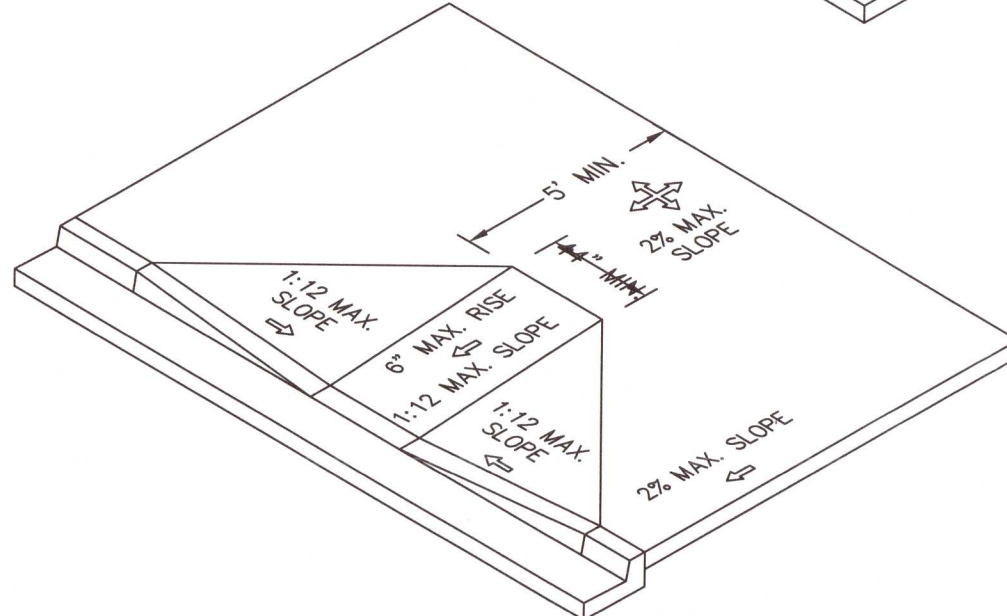
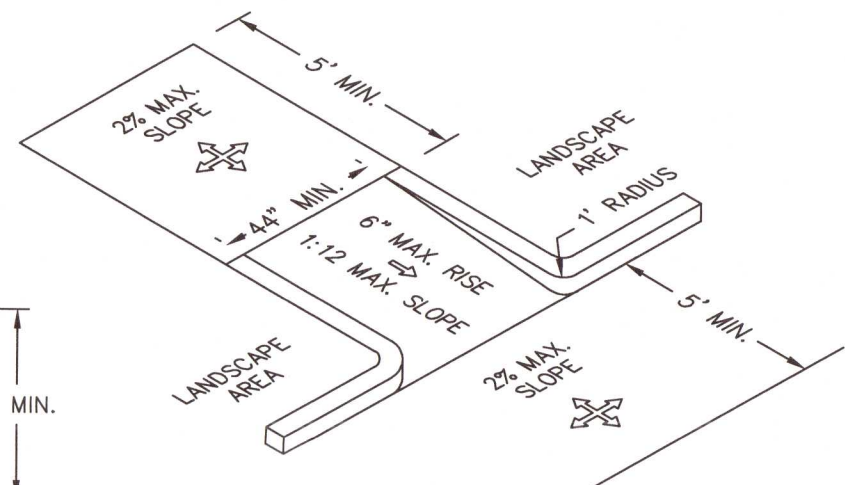
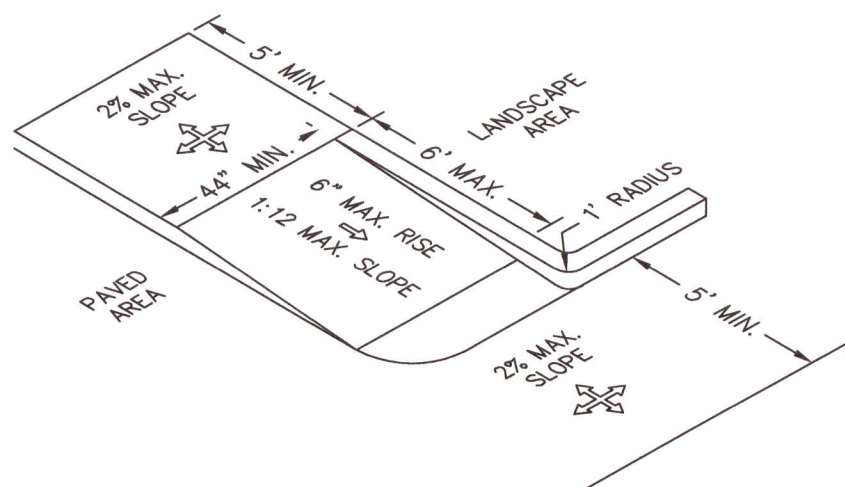


SIGN BASE WITHIN LANDSCAPED AREA

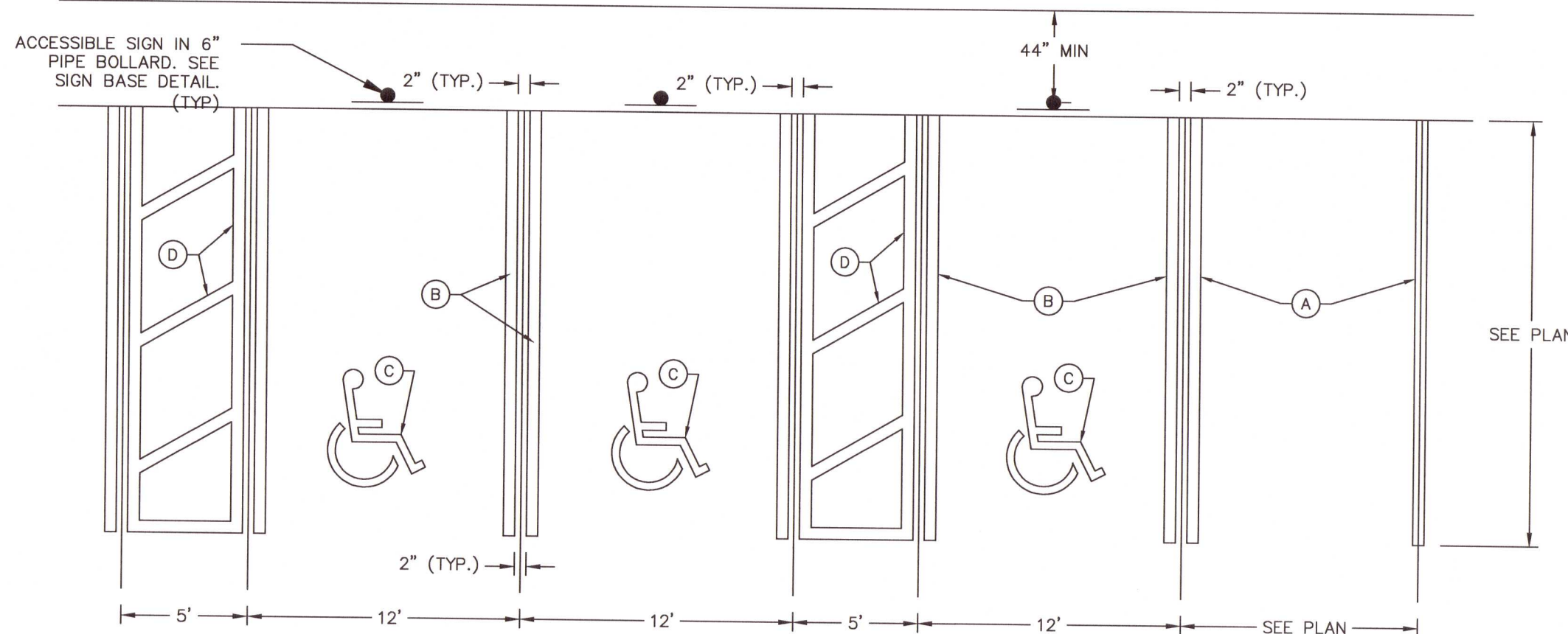
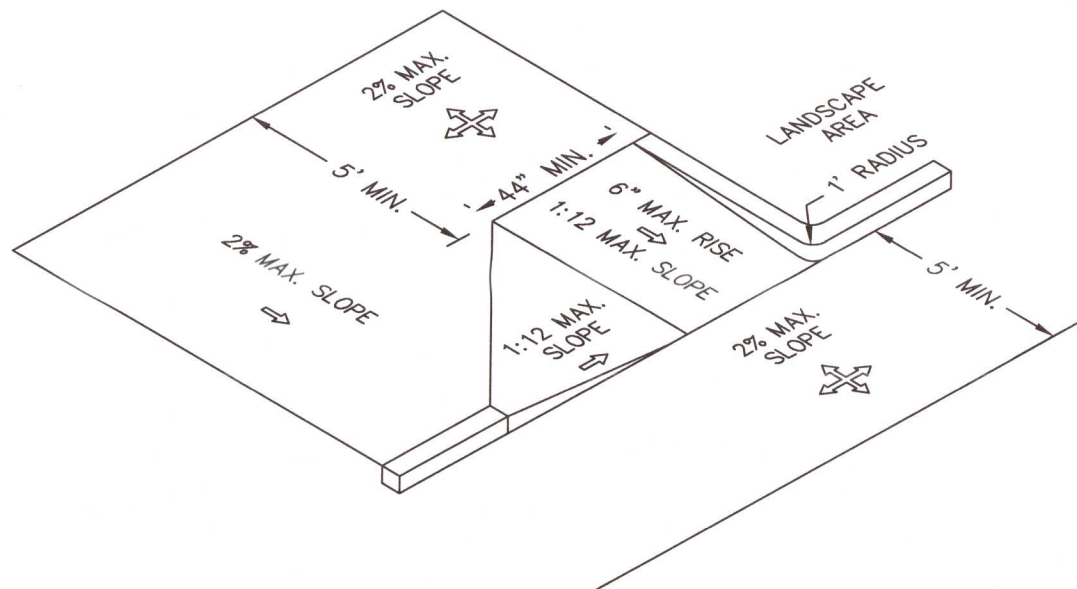


SIGN BASE WITHIN PAVED AREA

SIGN BASE
N.T.S.



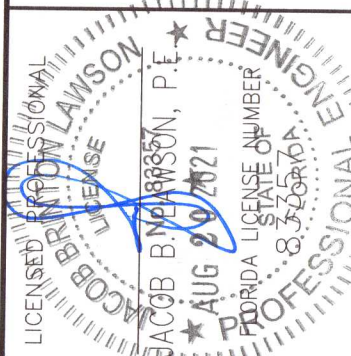
ACCESSIBLE RAMPS
N.T.S.



PARKING STALL STRIPING
N.T.S.

- A 6" WHITE
- B 6" BLUE
- C 4" WHITE
- D 6" WHITE @ 60" (EQUALLY SPACED)

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PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000696



KHA PROJECT	147785006
DATE	APRIL 2021
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	
CHECKED BY	

SITE PLAN DETAILS



[illegible][illegible]

DATE: _____

JACOB BRINLEY LAWSON, P.E. ★
★ AUG 2 2021 ★
FLORIDA (LICENSE NUMBER 8336044) ★
PROFESSIONAL ENGINEER

LICENSED PROFESSIONAL
ENGINEER

KHA PROJECT 147785006
DATE APRIL 2021
SCALE AS SHOWN
DESIGNED BY ---
DRAWN BY ---
CHECKED BY ---

PAVING, GRADING & DRAINAGE CROSS SECTIONS

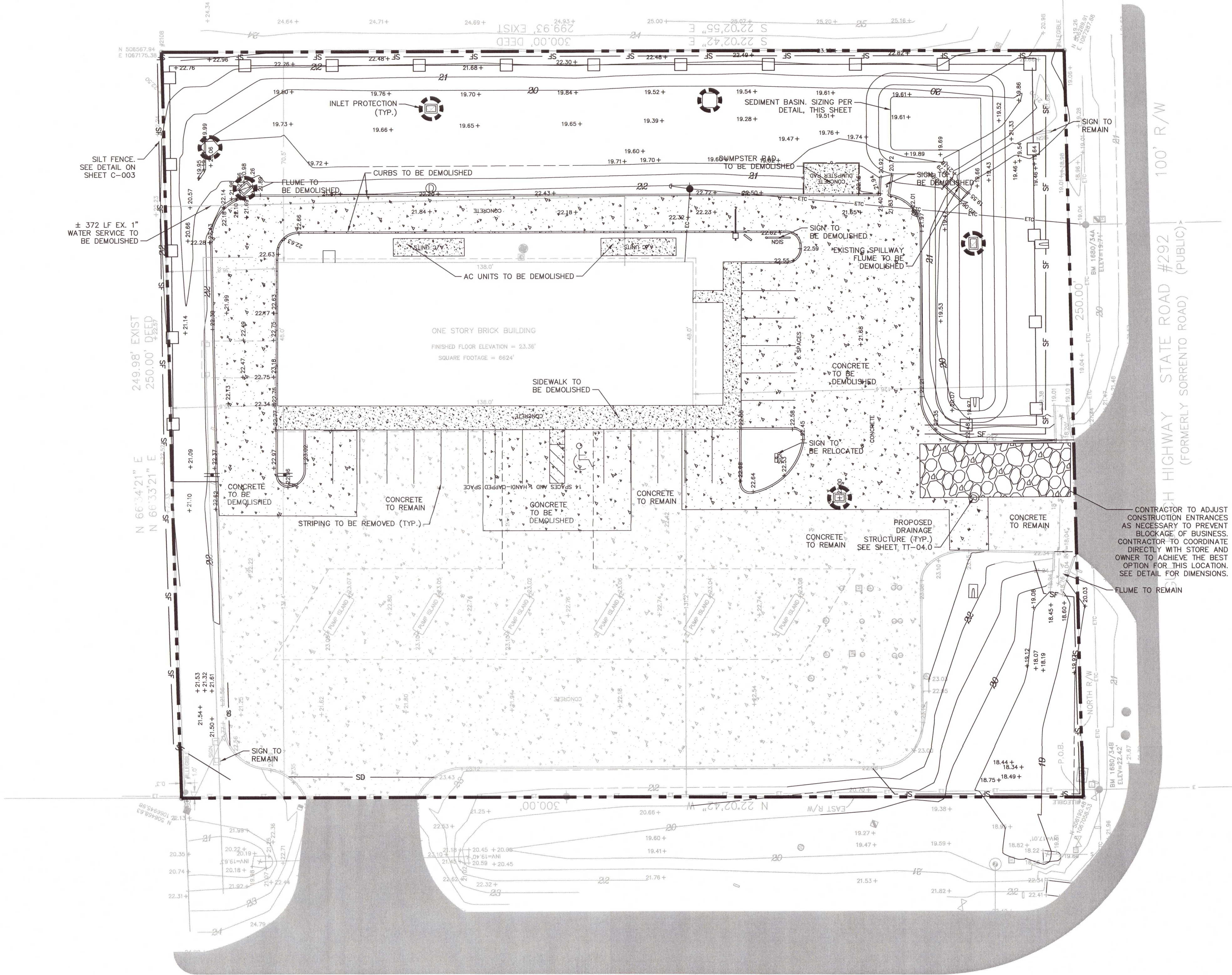

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TomThumb

PENNSACOLA FLORIDA

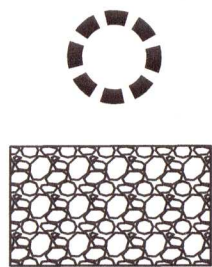
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TT-04.2

Printed By: County, Attd. Street Set Tom Thumb Dracastia TT-05.0 DEMOLITION & EROSION CONTROL PLAN August 19, 2021 02:25:08pm K:\WEB_DESIGN\147785006 - tom thumb dracastia TT-05.0 DEMOLITION & EROSION CONTROL PLANS.dwg
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SITE PREPARATION SHOULD BE IN ACCORDANCE WITH GEOTECHNICAL INVESTIGATION

ACREAGE SUMMARY	
TOTAL PROJECT AREA	1.72 AC
ON-SITE DISTURBED AREA	1.72 AC
OFF-SITE DISTURBED AREA	0.0 AC
TOTAL DISTURBED AREA	1.72AC
IMPERVIOUS AREA AT COMPLETION	1.17 AC
PERVIOUS / SEEDED AREA AT COMPLETION	0.55 AC



LEGEND

INLET PROTECTION

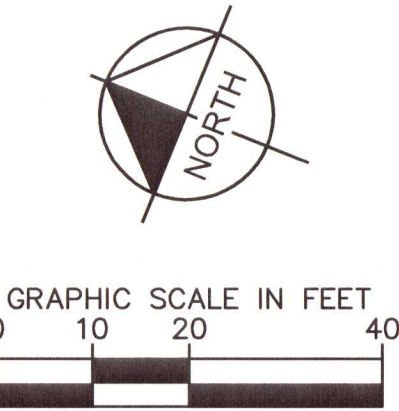
CONSTRUCTION EXIT

SILT FENCE

LIMITS OF CONSTRUCTION

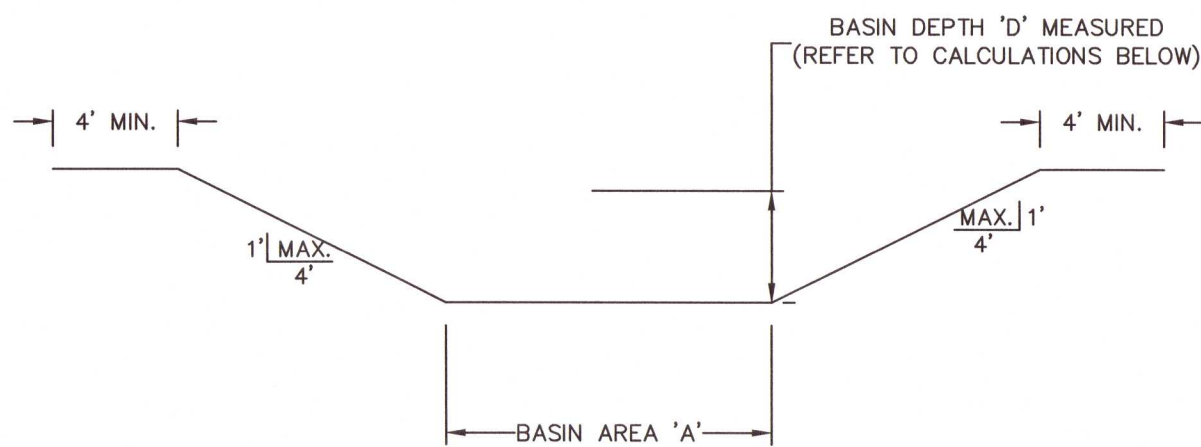
PROPERTY LINE

DIVERSION DIKE



EROSION CONTROL NOTES

- SEDIMENT BASINS AND TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UP-SLOPE LAND DISTURBANCE TAKES PLACE.
- ALL SEDIMENT CONTROL MEASURES ARE TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND BE CONSTRUCTED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON BALANCE OF SITE. PERIMETER SEDIMENT BARRIERS SHALL BE CONSTRUCTED TO PREVENT SEDIMENT OR TRASH FROM FLOWING OR FLOATING ON TO ADJACENT PROPERTIES.
- PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DENUDED AREAS WITHIN SEVEN (7) DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN (7) DAYS TO DENUDED AREAS THAT MAY NOT BE AT FINAL GRADE BUT WILL REMAIN UNDISTURBED FOR LONGER THAN 30 DAYS. PERMANENT STABILIZATION SHALL BE APPLIED TO AREAS THAT ARE TO BE LEFT UNDISTURBED FOR MORE THAN ONE YEAR.
- DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES SHALL BE STABILIZED, COVERED OR CONTAINED WITH SEDIMENT TRAPPING MEASURES. THE APPLICANT IS RESPONSIBLE FOR THE TEMPORARY PROTECTION AND PERMANENT STABILIZATION OF ALL SOIL STOCKPILES ON SITE AS WELL AS SOIL INTENTIONALLY TRANSPORTED FROM THE PROJECT SITE.
- A PERMANENT VEGETATIVE COVER SHALL BE ESTABLISHED ON DENUDED AREAS NOT OTHERWISE PERMANENTLY STABILIZED.
- AFTER ANY SIGNIFICANT RAINFALL, SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED FOR INTEGRITY. ANY DAMAGED DEVICES SHALL BE CORRECTED IMMEDIATELY.
- CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, SLOPE DRAIN STRUCTURE OR APPROVED CONTROL.
- SEDIMENT WILL BE PREVENTED FROM ENTERING ANY STORM WATER SYSTEM, DITCH OR CHANNEL. ALL STORM WATER INLETS THAT ARE MADE OPERABLE DURING CONSTRUCTION SHALL BE PROTECTED SO THAT SEDIMENT-LADEN WATER CANNOT ENTER THE CONVEYANCE SYSTEM WITHOUT FIRST BEING FILTERED OR OTHERWISE TREATED TO REMOVE SEDIMENT.
- WHEN WORK IN A LIVE WATERCOURSE IS PERFORMED, PRECAUTIONS SHALL BE TAKEN TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL SEDIMENT CONTROL STRUCTURES MUST BE PROVIDED TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. THE DEVELOPER, OWNER AND/OR CONTRACTOR SHALL BE CONTINUALLY RESPONSIBLE FOR ALL SEDIMENT CONTROLS. SEDIMENT CONTROL MEASURES SHALL BE IN WORKING CONDITION AT THE END OF EACH WORKING DAY.
- WHERE CONSTRUCTION VEHICLE ACCESS ROUTES INTERSECT PAVED PUBLIC ROADS, PROVISIONS SHALL BE MADE TO MINIMIZE THE TRANSPORT OF SEDIMENT BY TRACKING ONTO THE PAVED SURFACE. WHERE SEDIMENT IS TRANSPORTED ONTO A PUBLIC ROAD SURFACE WITH CURBS AND GUTTERS, THE ROAD SHALL BE CLEANED THOROUGHLY AT THE END OF EACH DAY. SEDIMENT SHALL BE REMOVED FROM THE ROADS BY SHOVELING OR SWEEPING AND TRANSPORTED TO A SEDIMENT CONTROL DISPOSAL AREA. STREET WASHING SHALL BE ALLOWED ONLY AFTER SEDIMENT IS REMOVED IN THIS MANNER. THIS PROVISION SHALL APPLY TO INDIVIDUAL SUBDIVISION LOTS AS WELL AS TO LARGER LAND DISTURBING ACTIVITIES.
- ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED.
- PROPERTIES AND WATERWAYS DOWNSTREAM FROM CONSTRUCTION SITES SHALL BE PROTECTED FROM SEDIMENT DEPOSITION AND EROSION AT ALL TIMES DURING CONSTRUCTION.
- EROSION CONTROL DESIGN AND CONSTRUCTION SHALL FOLLOW THE REQUIREMENTS IN THE "FLORIDA EROSION AND SEDIMENT CONTROL MANUAL AND COUNTY PERMITS.
- CONTRACTOR IS RESPONSIBLE FOR ALL SURFACE WATER DISCHARGES, RAINFALL RUN OFF OR DEWATERING ACTIVITIES.
- CONTRACTOR MUST INCORPORATE ALL BMP'S NECESSARY TO MEET OR EXCEED STATE WATER QUALITY AND SWPPP REQUIREMENTS.
- THE POLLUTION PREVENTION PLAN IS A MINIMUM GUIDELINE ONLY. ADDITIONAL BMP'S MAY BE NECESSARY AT CONTRACTOR'S EXPENSE.
- NOI TO BE POSTED ON SITE.
- DEWATERING ACTIVITIES:
 - DISCHARGE MUST NOT EXCEED STATE WATER QUALITY STANDARDS.
 - CONTRACTOR MUST HAVE A TRANSFERABLE STORMWATER CONSUMPTIVE USE PERMIT KNOWN AS A "NOTICED GENERAL PERMIT FOR SHORT TERM CONSTRUCTION DE-WATERING".
 - NO HYDRAULIC PUMPS MAY BE USED FOR DEWATERING UNLESS APPROVED BY THE WATER MANAGEMENT DISTRICT FOR THAT AREA.
 - NO TURBID DISCHARGE. TURBIDITY READINGS ARE REQUIRED ONCE A WEEK AND MUST BE REPORTED TO THE PROJECT ENGINEER.
 - CONTRACTOR TO CONSIDER POTENTIAL DEWATERING ACTIVITIES WHEN PREPARING BID DOCUMENTS FOR THIS PROJECT.
 - CONTRACTOR SHALL OBTAIN ANY NECESSARY DEWATERING PERMITS AS SITE CONDITIONS AND CONSTRUCTION ACTIVITIES REQUIRE.
 - CONTRACTOR TO USE BEST MANAGEMENT PRACTICES TO ENSURE COMPLIANCE WITH NPDES AND WATER MANAGEMENT DISTRICT REGULATIONS FOR STORMWATER DISCHARGE FROM CONSTRUCTION ACTIVITIES AND DEWATERING OPERATIONS.



SEDIMENT BASIN NOTES:

SEDIMENT BASINS SHALL BE LOCATED TO INTERCEPT THE LARGEST POSSIBLE AMOUNT OF RUNOFF FROM THE DISTURBED AREA. AS CONSTRUCTION SEQUENCING AND PHASING PROGRESSES, SEDIMENT BASIN SIZES AND LOCATIONS SHALL BE ADJUSTED APPROPRIATELY.

CONTRACTOR TO PROVIDE BASIN AREA 'A' BASED ON DISTURBED AREA AND EXCAVATED BASIN DEPTH 'D' PER THE CALCULATION BELOW:

$$\text{DISTURBED AREA (ACRES)} \times (3,600 \text{ CF/ACRE}) / \text{BASIN DEPTH 'D' (FEET)} = \text{MINIMUM BASIN AREA 'A' (SF)}$$

SEDIMENT BASIN

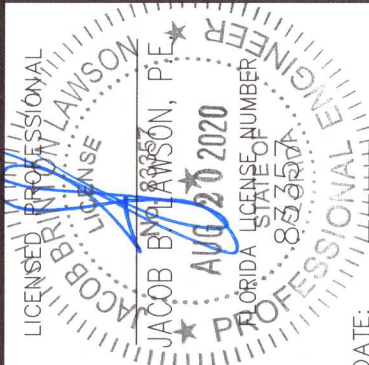
N.T.S.

NOTES:

- PROVIDE SEDIMENT TRAP ON DOWN GRADIENT SIDE (OR BOTH SIDES) AS REQUIRED.
- FLUSH SURFACE STONE TOWARD SEDIMENT TRAP WITH HIGH VOLUME WATER FLOW AS NEEDED TO MAINTAIN CLEAN SURFACE STONE.
- PLACEMENT OF SEDIMENT TRAP SHALL BE AT LEAST THE MINIMUM DISTANCE FROM THE RIGHT OF WAY AS REQUIRED BY LOCAL JURISDICTION.

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WWW.KIMLEY-HORN.COM CA 0000696



KHA PROJECT	147785006
DATE	APRIL 2021
SCALE	AS SHOWN
DESIGNED BY	
DRAWN BY	
CHECKED BY	

DEMOLITION & EROSION CONTROL PLAN



SHEET NUMBER
TT-05.0

FLORIDA

PENSACOLA

REVISIONS









DATE

BY

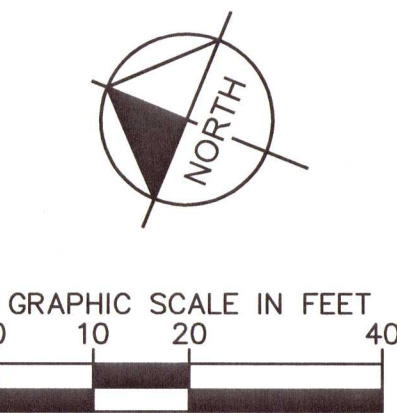
PROJECT NAME: TOM THUMB PENSACOLA TT-125	OWNER: EG AMERICA
LATITUDE: N 30° 21' 41.33" LONGITUDE: W 87° 21' 29.98"	OWNER'S ADDRESS: 165 FLANDERS RD WESTBOROUGH, MA
DESCRIPTION OF NATURE OF CONSTRUCTION ACTIVITY	
CONSTRUCTION OF GAS STATION WITH CONVENIENCE STORE	
SOIL DISTURBING ACTIVITIES INCLUDE: CONSTRUCTION OF EROSION AND SEDIMENT CONTROLS, GRADING, UNDERGROUND STORAGE TANK INSTALLATION, AND CONSTRUCTION OF UTILITIES. PROJECT AREA CONTAINS ±1.72 ACRES.	
SEQUENCE OF MAJOR ACTIVITIES:	
1. PRIOR TO THE COMMENCEMENT OF CLEARING, GRUBBING, AND DEMOLITION, THE SITE CONTRACTOR SHALL INSTALL ALL EROSION CONTROL DEVICES CALLED FOR ON THE PLANS.	
2. UPON INSTALLATION OF THE EROSION CONTROL DEVICES, THE SITE CONTRACTOR MAY BEGIN SITE CLEARING, DEMOLITION, EARTHWORK, DRAINAGE , UTILITY AND ROADWAY CONSTRUCTION ACTIVITIES WITHIN THE CONSTRUCTION LIMITS. THE SITE CONTRACTOR SHALL STABILIZE ALL AREAS DISTURBED WITHIN FIVE DAYS OF THE COMPLETION OF GRADING ACTIVITIES OF THE OF THE DISTURBED AREA.	
3. THE SITE CONTRACTOR SHALL MAINTAIN THE EXISTING STORMWATER SYSTEM UNTIL THE PROPOSED SYSTEM HAS BEEN RE-ROUTED. ONCE THE PROPOSED SYSTEM IS IN PLACE, THE CONTRACTOR MAY BEGIN THE REMOVAL OF THE EXISTING STORMWATER PIPES AS INDICATED ON THE CONSTRUCTION DOCUMENTS.	
4. THE SITE CONTRACTOR SHALL REMOVE ALL EROSION PROTECTION DEVICES WITHIN EACH CONTRIBUTING AREA FOLLOWING PERMANENT STABILIZATION OF ALL DISTURBED AREAS.	
NAME OF RECEIVING WATER: FOOT ROW	
CONTROLS	
EROSION AND SEDIMENTATION CONTROLS	
STABILIZATION PRACTICES	
TEMPORARY STABILIZATION: TOP OF SOIL STOCK PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS WILL BE STABILIZED WITH TEMPORARY GRASS AND MULCH NO LATER THAN 7 DAYS FROM THE LAST CONSTRUCTION ACTIVITY. GRASS SEED SHALL BE A MIXTURE OF 20 PARTS OF BERMUDA SEED AND 80 PARTS OF PENSACOLA BAHIA THE SEPARATE TYPES OF SEED SHALL BE BE THOROUGHLY DRY MIXED IMMEDIATELY BEFORE SOWING. SEED WHICH HAS BECOME WET SHALL NOT BE USED. THE MULCH MATERIAL USED SHALL NORMALLY BE DRY MULCH; DRY MULCH SHALL BE STRAW OR HAY, CONSISTING OF OAT, RYE OR WHEAT STRAW, OR OF PANGOLA, PEANUT, COASTAL BERMUDA OR BAHIA GRASS HAY. ONLY UNDETERIORATED MULCH WHICH CAN BE READILY CUT INTO THE SOIL SHALL BE USED. AREAS OF THE SITE WHICH ARE TO BE PAVED WILL BE TEMPORARILY STABILIZED BY APPLYING STABILIZATION AND BASE.	
PERMANENT STABILIZATION: DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED PER LANDSCAPE PLAN NO LATER THAN 7 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY.	
STRUCTURAL PRACTICES	
STAKED SILT FENCE: THE STAKED SILT FENCES WILL BE CONSTRUCTED PER PLAN. THESE DEVICES WILL STOP AND DIVERT RUNOFF TO THE SEDIMENT BASINS.	
SEDIMENT BASINS: THE STORM WATER MANAGEMENT AREA WILL ACT AS SEDIMENT BASINS DURING CONSTRUCTION. THE SEDIMENT BASINS WILL BE CONSTRUCTED TO THE DESIGN CROSS-SECTION, OR A MINIMUM OF 2' BELOW EXISTING GROUND AT THE CONTRACTORS DISCRETION TO ALLOW SILTS TO BE COLLECTED AND REMOVED PRIOR TO COMPLETION OF THE GRADING.	
STORMWATER MANAGEMENT	
STORMWATER DRAINAGE WILL BE PROVIDED BY A CURB, SWALE, STORM SEWER, OR CATCH BASIN SYSTEM FOR THE DEVELOPED AREAS. SWALES TO BE SODDED AND INCLUDE CHECK DAMS AND RIPRAP TO CONTROL RUNOFF VELOCITY AND TRANSPORT OF SEDIMENT. WHEN CONSTRUCTION IS COMPLETE THE IMPROVED PORTION OF THE SITE WILL DRAIN TO STORM WATER PONDS. THE PONDS WILL BE IN THE LOCATION OF THE TEMPORARY SEDIMENT BASINS UNLESS TEMPORARY SEDIMENT BASINS ARE SEPARATE FROM OVERALL DEVELOPER'S EXISTING RETENTION PONDS. WHEN UPSLOPE AREAS ARE STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE SEDIMENT BASINS. THE PONDS HAVE BEEN DESIGNED BY A PROFESSIONAL ENGINEER TO LIMIT PEAK FLOW RATES FROM THE DESIGN STORM EVENT AT OR BELOW PRE-DEVELOPMETN RATES, AND CONSTRUCTION PER DETAILS SHOWN IN THE PLANS IS IMPERATIVE.	
OTHER CONTROLS	
WASTE DISPOSAL	
WASTE MATERIALS: ALL WASTE MATERIAL WILL BE COLLECTED AND STORED IN DUMPSTERS PER LOCAL AGENCIES REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTERS. THE DUMPSTERS WILL BE EMPTIED A MINIMUM OF ONCE A WEEK OR MORE OFTEN IF NECESSARY, AND THE TRASH WILL BE HAULED TO A REGISTERED LANDFILL OR DISPOSAL. NO CONSTRUCTION MATERIALS WILL BE BURIED ON-SITE. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED IN THE ON-SITE OFFICE TRAILER AND THE CONSTRUCTION MANAGER RESPONSIBLE FOR THE DAY-TO-DAY-SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES AND FOLLOWED.	
HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS, IF ENCOUNTERED, WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.	
SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATION.	
OFFSITE VEHICLE TRACKING	
STABILIZED CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREETS WILL BE CLEANED AS NEEDED TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM OR TO THE SITE WILL BE COVERED WITH A TARPALIN AT ALL TIMES.	

Timing of Control Measures
AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, STAKED SILT BARRIERS, STABILIZED CONSTRUCTION ENTRANCES AND SEDIMENT BASINS WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. AREAS WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR MORE THAN 21 DAYS WILL BE STABILIZED WITH A TEMPORARY GRASS AND MULCH WITHIN 5 DAYS OF THE LAST DISTURBANCE . ONCE CONSTRUCTION ACTIVITY CEASES PERMANENTLY IN THAT AREA, THAT AREA WILL BE STABILIZED WITH PERMANENT SOD. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT WILL BE REMOVED FROM THE TRAPS AND THE STAKED SILT BARRIERS WILL BE REMOVED.
CERTIFICATION OF COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS
THE STORM WATER POLLUTION PREVENTION PLAN REFLECTS THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT (NWFWMD) REQUIREMENTS FOR STORM WATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL, AS ESTABLISHED BY THE FLORIDA ADMINISTRATIVE CODE, CHAPTER 400-4 AND 400-40. TO ENSURE COMPLIANCE, THIS PLAN WAS PREPARED IN ACCORDANCE WITH NWFWMD'S "BASIS OF REVIEW FOR SURFACE WATER MANAGEMENT PERMIT APPLICATIONS WITHIN THE NORTHWEST FLORIDA WATER MANAGEMENT DISTRICT." THIS PLAN ALSO REFLECTS THE REQUIREMENTS OF THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION FOR WORK IN NORTHWEST DISTRICT.
MAINTENANCE INSPECTION PROCEDURES
EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES
THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT SHALL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROL. ALL CONTROL MEASURES IN DISTURBED AREAS WILL BE INSPECTED AT LEAST ONCE EACH WEEK AND WITHIN 24 HOURS OF THE END OF ANY STORM EVENT OF 0.25 INCHES OR GREATER BY A CONTRACTORS REPRESENTATIVE. (WHERE SITES HAVE BEEN FINALLY STABILIZED SUCH INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.) ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT HAS BEEN REACHED ONE-THIRD THE HEIGHT OF THE FENCE. SILT FENCE WILL BE INSPECTED REGULARLY FOR DEPTH OF SEDIMENT, TEARS, TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND. THE SEDIMENT BASINS WILL BE THE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES TO PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB. TEMPORARY AND PERMANENT GRASSING, MULCHING AND SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION BY THE CONTRACTOR AND SHALL BE KEPT IN A ACTIVE LOG READILY AVAILABLE AT THE JOB SITE CONSTRUCTION TRAILER. THE SITE SUPERINTENDENT WILL SELECT INDIVIDUALS WHO WILL BE RESPONSIBLE FOR MAINTENANCE AND REPAIR ACTIVITIES. FILLING OUT THE INSPECTION AND MAINTENANCE REPORT WILL BE BY THE CONTRACTOR. PERSONNEL SELECTED FOR MAINTENANCE RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE EROSION AND SEDIMENT CONTROLS USED ON-SITE IN GOOD WORKING ORDER.
NON-STORM WATER DISCHARGES
IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: WATER FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, WATER LINE FLUSHING, WATER USED TO SPRAY OFF LOOSE SOILS FROM VEHICLES, DUST CONTROL, PAVEMENT WASH WATERS (WHERE NO SPILLS OR LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE OCCURRED). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE SEDIMENT BASIN PRIOR TO DISCHARGE. GROUNDWATER DEWATERING ACTIVITIES ARE NOT COVERED BY THIS PERMIT. THE CONTRACTOR MUST APPLY FOR COVERAGE UNDER THE GENERIC PERMIT FOR THE DISCHARGE OF PRODUCED GROUNDWATER FROM ANY NON-CONTAMINATED SITE ACTIVITY PURSUANT TO 62-621.300(2), F.A.C.
INVENTORY FOR POLLUTION PREVENTION PLAN
THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED, BUT NOT LIMITED, TO BE PRESENT ON-SITE DURING CONSTRUCTION: CONCRETE DETERGENTS PAINTS (ENAMEL AND LATEX) METAL STUDS GLASS TAR SAND FERTILIZERS PETROLEUM BASED PRODUCTS AND FUELS CLEANING SOLVENTS WOOD MASONRY BLOCK ROOFING SHINGLES STONE
SPILL PREVENTION
MATERIAL MANAGEMENT PRACTICES
THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF. GOOD HOUSEKEEPING: THE FOLLOWING GOOD HOUSEKEEPING PRACTICES SHALL BE FOLLOWED ON-SITE DURING THE CONSTRUCTION PROJECT. AN EFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB. ALL MATERIALS STORED ON-SITE SHALL BE STORED NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER CONTAINED ENCLOSURE. PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL MANUFACTURER'S LABELED CONTAINERS. SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER. WHENEVER POSSIBLE, ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER. MANUFACTURERS' RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED. THE SITE SUPERINTENDENT SHALL INSPECT DAILY TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ON-SITE. HAZARDOUS PRODUCTS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS. PRODUCTS SHALL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS OF PROPER DISPOSAL SHALL BE FOLLOWED. THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ON-SITE: PETROLEUM PRODUCTS: ALL ON-SITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ON-SITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. FERTILIZERS: FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTICULARLY USED BAG OF FERTILIZER WILL BE TRANSFERRED TO BE SEALABLE PLASTIC BIN TO AVOID SPILLS. PAINTS: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS. CONCRETE TRUCKS: CONTRACTOR SHALL DESIGNATE AN AREA FOR DISCHARGE OF SURPLUS CONCRETE OR DRUM WASH WATER AND SHALL INSTALL A CONTAINMENT BERM AROUND THIS AREA TO PREVENT RUNOFF TO THE REMAINDER OF THE SITE. HARD DEBRIS SHALL BE DISPOSED OF BY CONTRACTOR UPON COMPLETION OF THE PROJECT.

SPILL CONTROL PRACTICES		
<p>IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES SHALL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:</p> <p>MANUFACTURERS' RECOMMEND METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.</p> <p>MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ON-SITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO, BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, KITTY LITER, SAND, SAWDUST AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.</p> <p>ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.</p> <p>THE SPILL AREAS WILL BE KEPT WELL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.</p> <p>SPILLS OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED TO THE APPROPRIATE STATE OR LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE.</p> <p>THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEAN UP MEASURES WILL ALSO BE INCLUDED.</p> <p>THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE WILL DESIGNATE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEAN UP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IN THE OFFICE TRAILER ON-SITE.</p>		
NOTICE OF INTENT (NOI) / NOTICE OF TERMINATION (NOT)		
<ul style="list-style-type: none">• THIS NOTICE OF INTENT (NOI) FORM IS TO BE COMPLETED AND SUBMITTED TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) BEFORE USE OF THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES PROVIDED IN SUBSECTION 62-621.300(4), F.A.C.• A NOTICE OF TERMINATION WILL BE SUBMITTED TO EPA AFTER THE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE HAS UNDERGONE FINAL STABILIZATION.		
POLLUTION PREVENTION PLAN CERTIFICATION		
<p>I CERTIFY UNDER PENALTY OF LAW THAT THESE CONSTRUCTION PLANS, THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM, AS SHOWN ON THESE CONSTRUCTION PLANS, DESIGNED TO ASSURE THAT APPROPRIATE POLLUTION PREVENTION MEASURES ARE IMPLEMENTED DURING CONSTRUCTION AND TO ASSURE THAT THE QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE INFORMATION SUBMITTED BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THE 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.</p> <p style="margin-top: 20px;"><u>OWNER:</u></p> <div style="margin-top: 20px;">SIGNED: _____</div> <div style="margin-top: 20px;">NAME AND TITLE: _____</div> <div style="margin-top: 20px;">COMPANY: _____</div> <div style="margin-top: 20px;">ADDRESS: _____</div> <div style="margin-top: 20px;">NAME AND TITLE: _____</div> <div style="margin-top: 20px;">DATE: _____</div>		
CONTRACTOR'S CERTIFICATION		
<p>I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERIC STORM WATER PERMIT ISSUED PURSUANT TO SECTION 403.0085, F.S., THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATE WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.</p>		
SIGNATURE	FOR	RESPONSIBLE FOR
COMPANY:	COMPANY:	
NAME:	NAME:	
TITLE:	TITLE:	
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SHEET NUMBER TT-05.2	 EG America <small>A subsidiary of E.G. Group</small>	 TomThumb	FLORIDA	STORMWATER POLLUTION PREVENTION NOTES				<table border="1"><tr><td>KHA PROJECT 147785006</td><td>LICENSED PROFESSIONAL 147785006</td><td>DATE APRIL 2021</td><td>SCALE AS SHOWN</td><td>DESIGNED BY DRAWN BY</td><td>DATE AUG 10 2021</td><td colspan="2"></td><td colspan="2"> © 2021 KIMLEY-HORN AND ASSOCIATES, INC. 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960 PHONE: 772-794-4100 WWW.KIMLEY-HORN.COM CA 00000696</td></tr><tr><td>CHECKED BY</td><td>DATE</td><td>REVISIONS</td><td>DATE</td><td>BY</td></tr></table>				KHA PROJECT 147785006	LICENSED PROFESSIONAL 147785006	DATE APRIL 2021	SCALE AS SHOWN	DESIGNED BY DRAWN BY	DATE AUG 10 2021			 © 2021 KIMLEY-HORN AND ASSOCIATES, INC. 445 24TH STREET, SUITE 200, VERO BEACH, FL 32960 PHONE: 772-794-4100 WWW.KIMLEY-HORN.COM CA 00000696		CHECKED BY	DATE	REVISIONS	DATE	BY
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CHECKED BY	DATE	REVISIONS	DATE	BY																						










200' R/W




UTILITY NOTES

1. ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
2. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
3. SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
 - 8" PVC SDR35 PER ASTM D 3034, FOR PIPES LESS THAN 12' DEEP
 - 8" PVC SDR26 PER ASTM D 3034, FOR PIPES MORE THAN 12' DEEP
 - 6" PVC SCHEDULE 40
 - DUCTILE IRON PIPE PER AWWA C150
4. WATER LINES SHALL BE AS FOLLOWS:
 - 6" AND LARGER, PVC C-900 PER ASTM D 2241 CLASS 200 UNDER COUNTY ROADS, OTHERWISE CLASS 150
 - 6" AND LARGER DUCTILE IRON PIPE PER AWWA C150
 - SMALLER THAN 6" EITHER COPPER TUBE TYPE "L" (SOFT) PER ANSI 816.22 OR PVC, 200 P.S.I., PER ASTM D1784 AND D2241.
5. MINIMUM TRENCH WIDTH SHALL BE 2 FEET.
6. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS.
7. ALL HORIZONTAL UTILITY SEPARATIONS SHOULD MEET THE F.A.C RULE 62-555.314 AS APPLICABLE. ALL VERTICAL CLEARANCES SHOULD BE KEPT TO A 12" MINIMUM (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
8. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3'-0" COVER ON ALL WATERLINES.
9. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50).
10. UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
11. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS WITHIN PAVED AREAS, AND TO BE ONE FOOT ABOVE FINISHED GROUND ELEVATIONS WITH WATER TIGHT LIDS WITHIN LANDSCAPED AREAS.
12. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
13. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
14. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
15. CONTRACTOR IS RESPONSIBLE FOR COMPLYING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
16. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
17. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
18. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
19. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
20. UNDERGROUND UTILITY LINES SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
21. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING EXISTING WATER MAINS, FORCE MAINS, SANITARY SEWER AND STORM MAINS AND MAINTAIN MINIMUM CLEARANCES BETWEEN WATER MAINS AND OTHER UTILITIES AT ALL POINTS ALONG THEIR LENGTH AS REQUIRED IN THE PLANS, DETAILS AND SPECIFICATIONS.
23. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
24. ALL UTILITY MAIN LENGTHS SHOWN ARE APPROXIMATE.
25. CONTRACTOR TO VERIFY CONSTRUCTED ELECTRIC POWER FEEDER LINE PRIOR TO INSTALLATION OF DRAINAGE AND UTILITIES.
26. CONTRACTOR TO ASSURE THAT INSTALLATION OF NEW POWER FEEDER TO THE BUILDING DOES NOT CONFLICT WITH PROPOSED DRAINAGE.

LEGEND

- | | |
|---|---------------------------------|
|  | PROPERTY LINE |
|  | EXISTING WATER MAIN |
|  | EXISTING FORCE MAIN |
|  | STORM PIPE |
|  | EXISTING FIRE HYDRANT |
|  | PROPOSED FORCE MAIN |
|  | PROPOSED METER AND RPZ |
|  | PROPOSED WATER FITTINGS / BENDS |
|  | PROPOSED CLEANOUT (CO) (SEWER) |



ENVIRONMENTAL CLAIMS ASSOCIATION OF AMERICA

ECOA Fire Hydrant Flow Data

Requested Information

In response to your request for the fire hydrant flow information, ECOA has been able to provide the data in the table below. Additional logging or data collection may be performed with the approval and supervision of ECOA.

ECOA Fire Hydrant #	Date Tested	Flow [gpm]	Static Pressure [psi]	Residual Pressure [psi]	Comments
3776	9/12/17	1190	85	80	BORNEO RD + BLUE
6106	9/12/17	1230	70	64	ISLAND AVENUE + SCORPION ²

DISCLAIMER

This Emerald Coast Utilities Authority fire hydrant flow test data is from a single test performed at an arbitrary point in time and is not to be considered to be representative of typical water system conditions. No representation is made as to the accuracy and ECOA disclaims any and all liability with respect to any information provided or not provided or information only and is not to be used in the plans for development of construction plans or any other type of engineering service. This data is not guaranteed to be accurate or reliable for any use other than that for which it was gathered. Any use of this information by any other organization for any other purpose and any conclusions drawn from the use of this data is strictly the responsibility of the user.

1. Emergency Member, National Association of Fire Protection, 2015 - Board Expires December 31, 2017
 2. Emerald Coast Utilities Authority, 2015 - Board Expires December 31, 2017
 3. Emerald Coast Utilities Authority, 2015 - Board Expires December 31, 2017

THE PRESENCE OF GROUNDWATER SHOULD BE ANTICIPATED ON THIS PROJECT. CONTRACTOR'S BID SHALL INCLUDE CONSIDERATION FOR ADDRESSING THIS ISSUE.



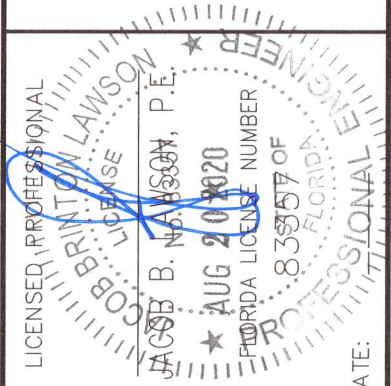
Call 811 or www.sunshine811.com two full business days before digging to have utilities located and marked.

Check positive response codes before you dig

[illegible]

Kimley»»Horn

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445 24TH STREET, SUITE 200, VERO BEACH, FL 32960
PHONE: 772-794-4100
WWW.KIMLEY-HORN.COM CA 00000686



KHA PROJECT 147785006	DATE APRIL 2021	SCALE AS SHOWN	DESIGNED BY _____	DRAWN BY _____	CHECKED BY _____
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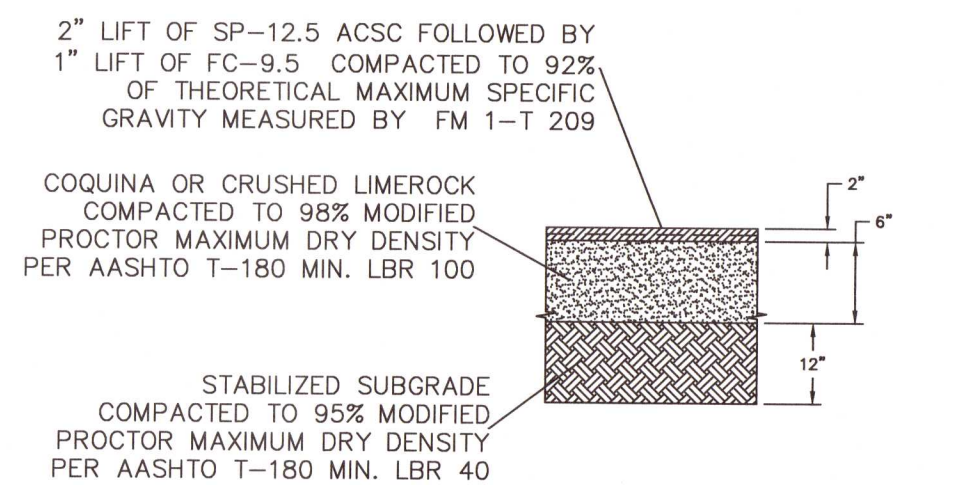
UTILITY PLAN



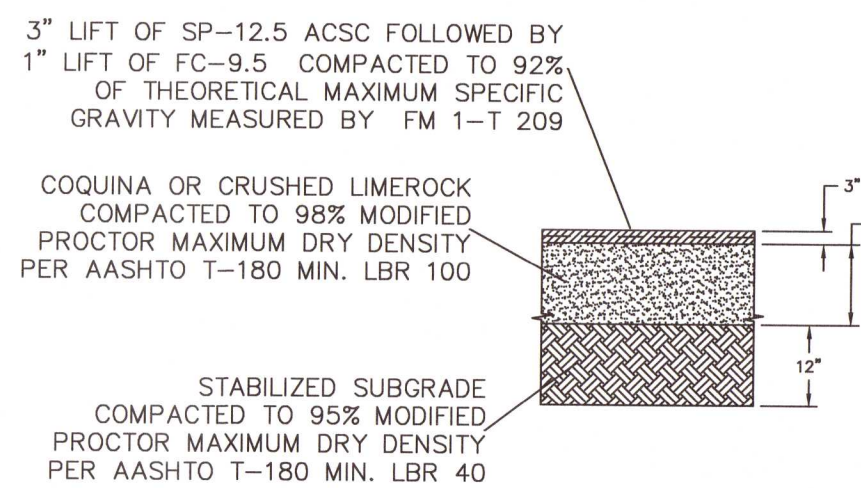
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SHEET NUMBER
TT-06.0

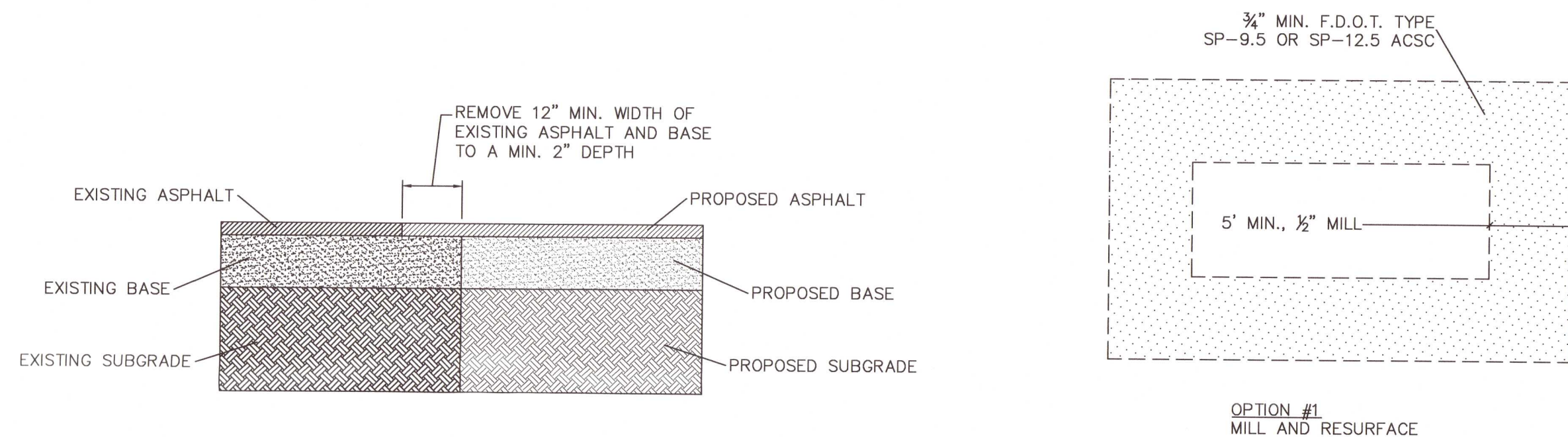


STANDARD DUTY ASPHALT



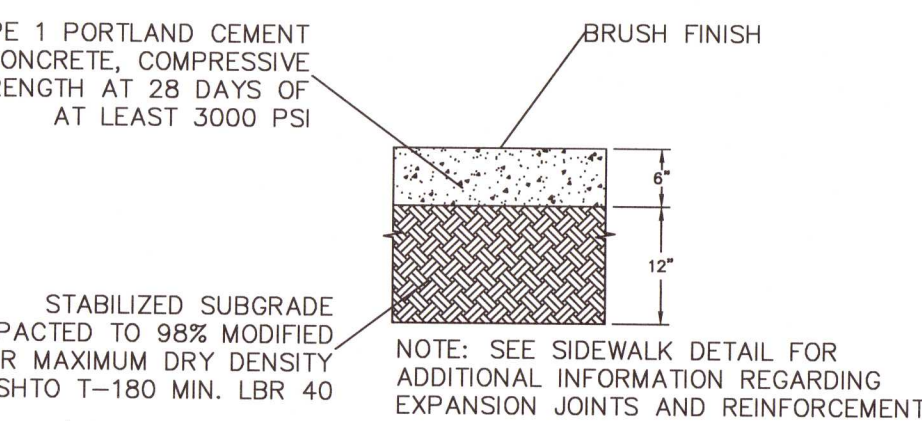
HEAVY DUTY ASPHALT

NOTE:
CONTRACTOR TO REFER TO THE GEOTECHNICAL
REPORT FOR SITE WORK SPECIFICATIONS.

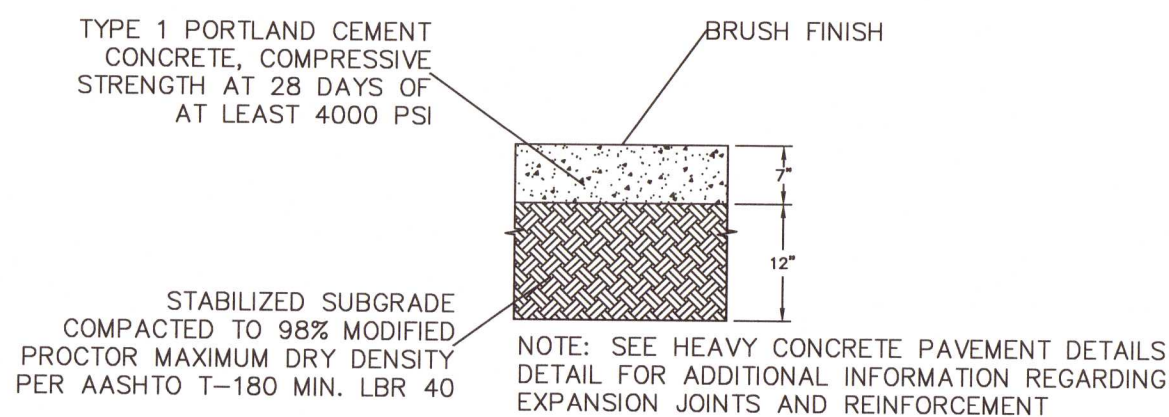


SAW-CUT

N.T.S

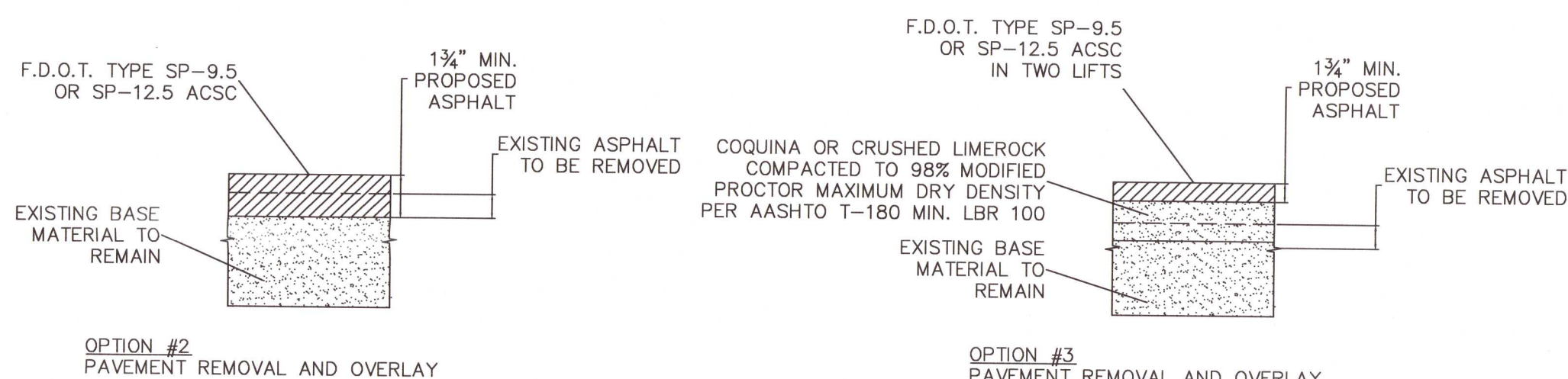


STANDARD DUTY CONCRETE



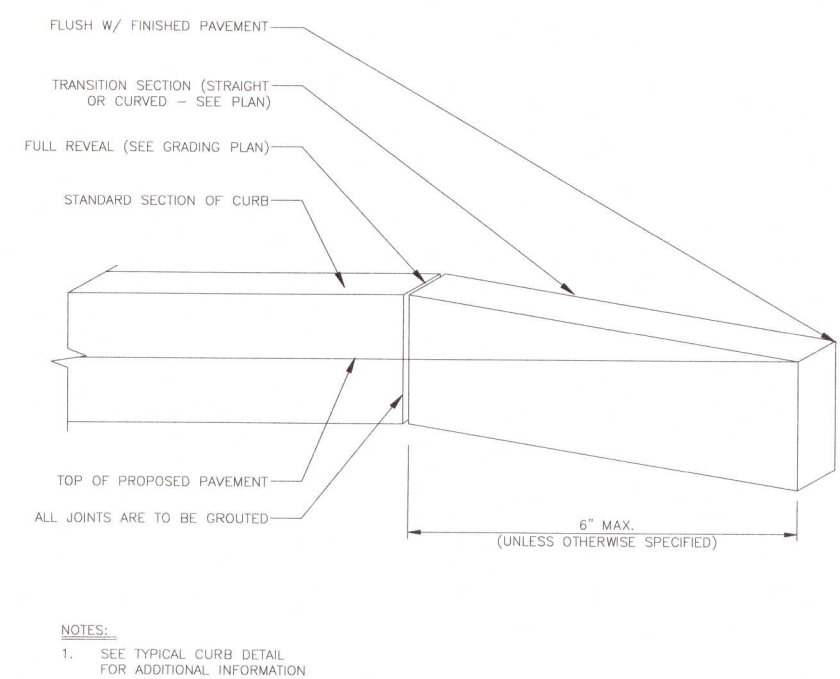
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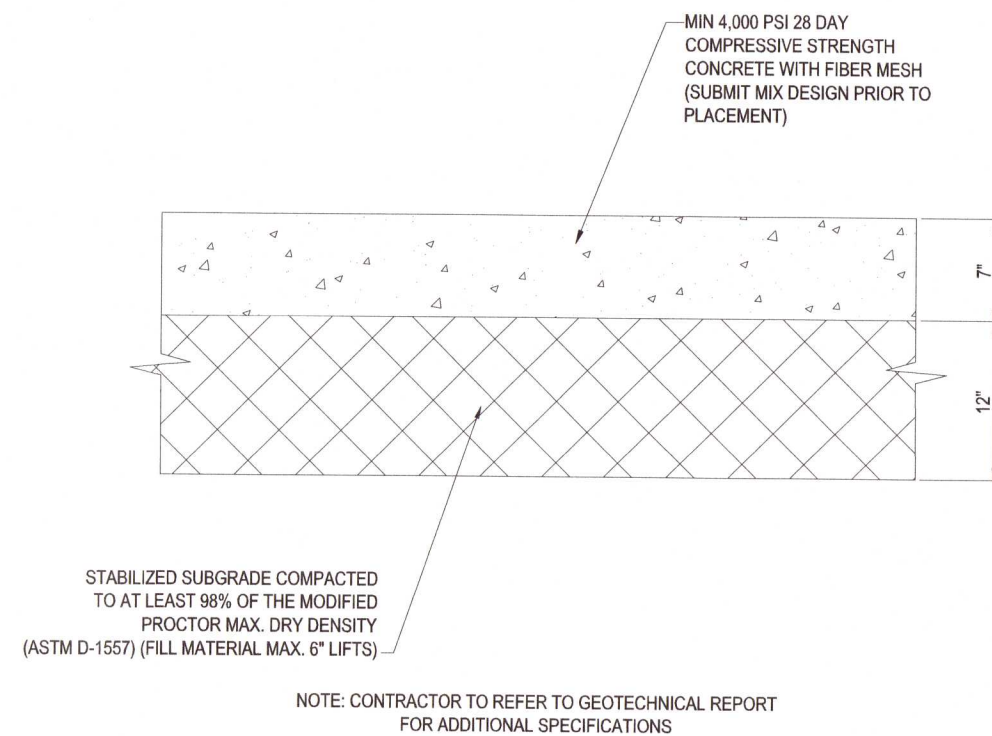


ASPHALT PAVEMENT RESTORATION

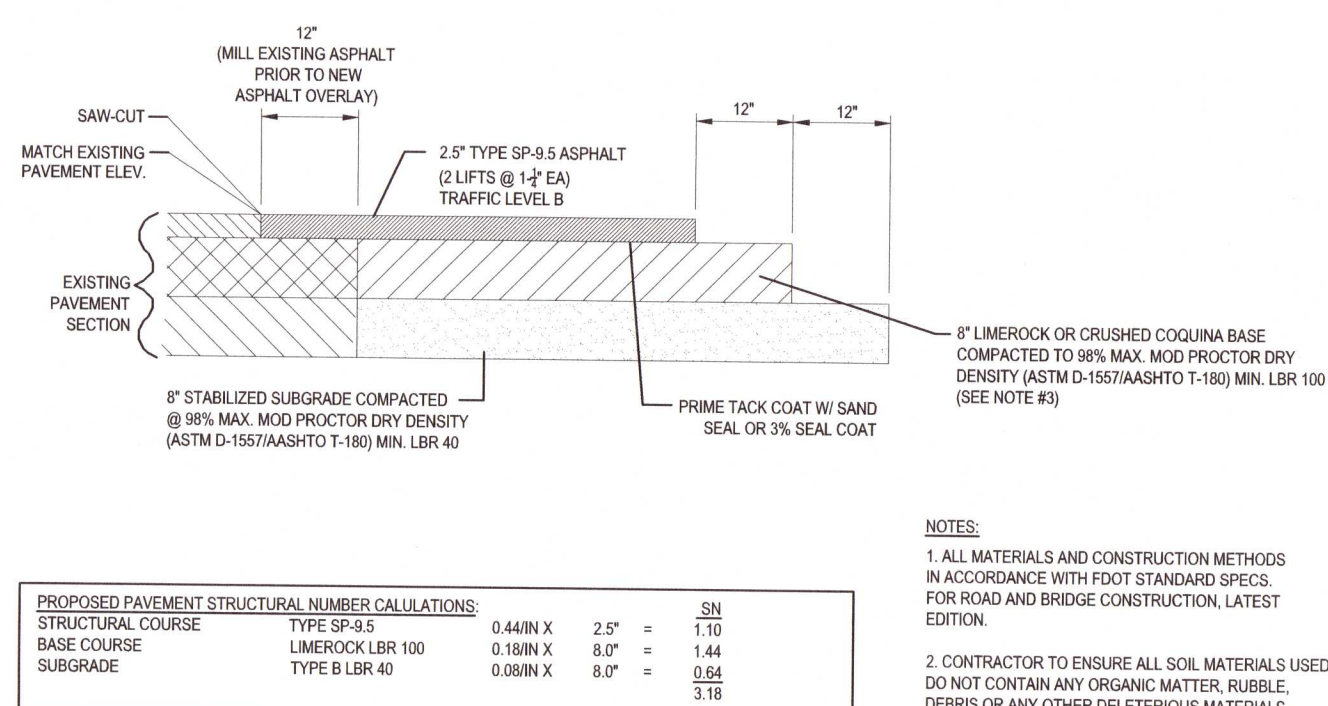
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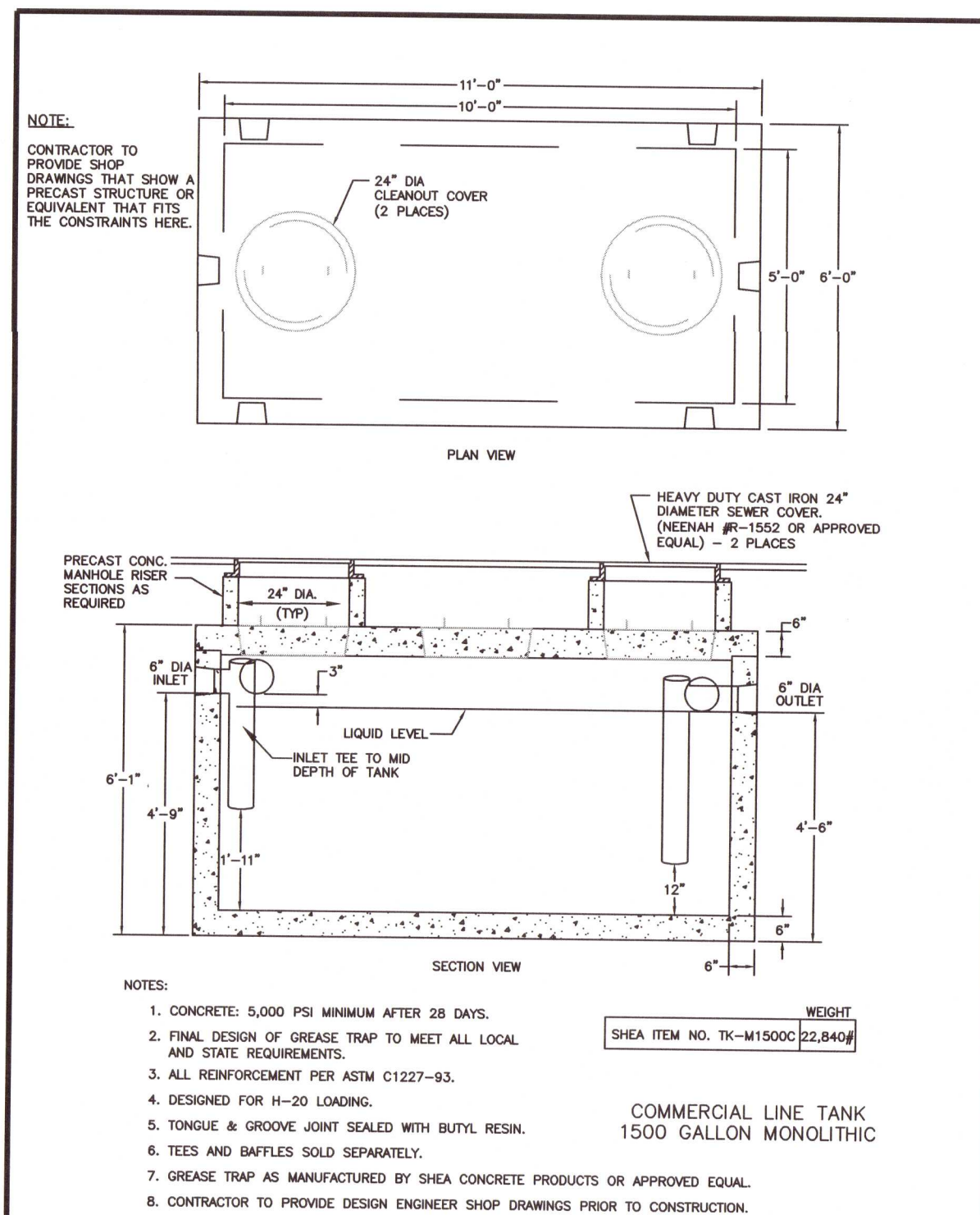
TRANSITION CURB DETAIL



7" CONCRETE DETAIL (PARKING/DRIVE AISLE)
- FLORIDA ONLY -

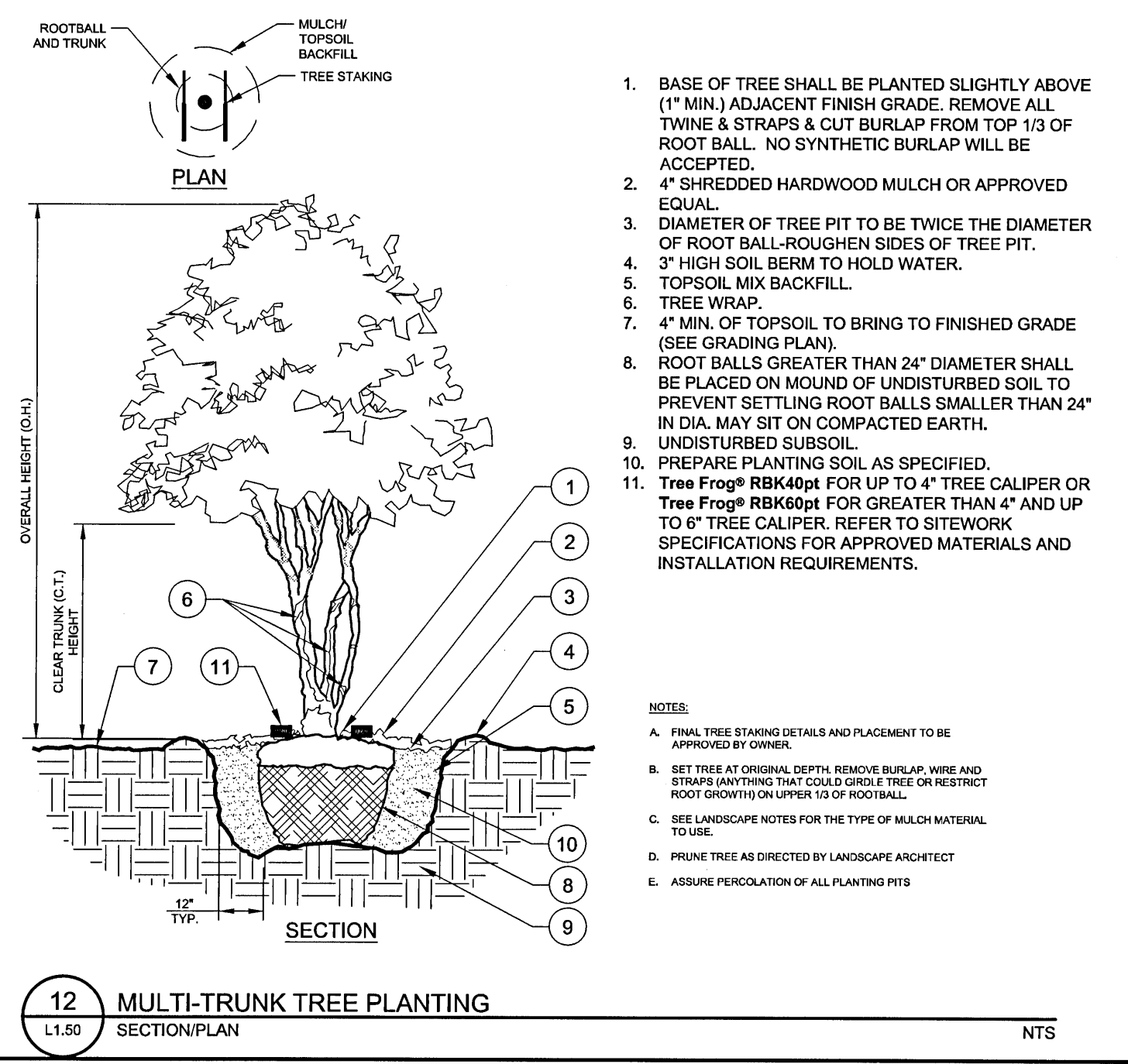
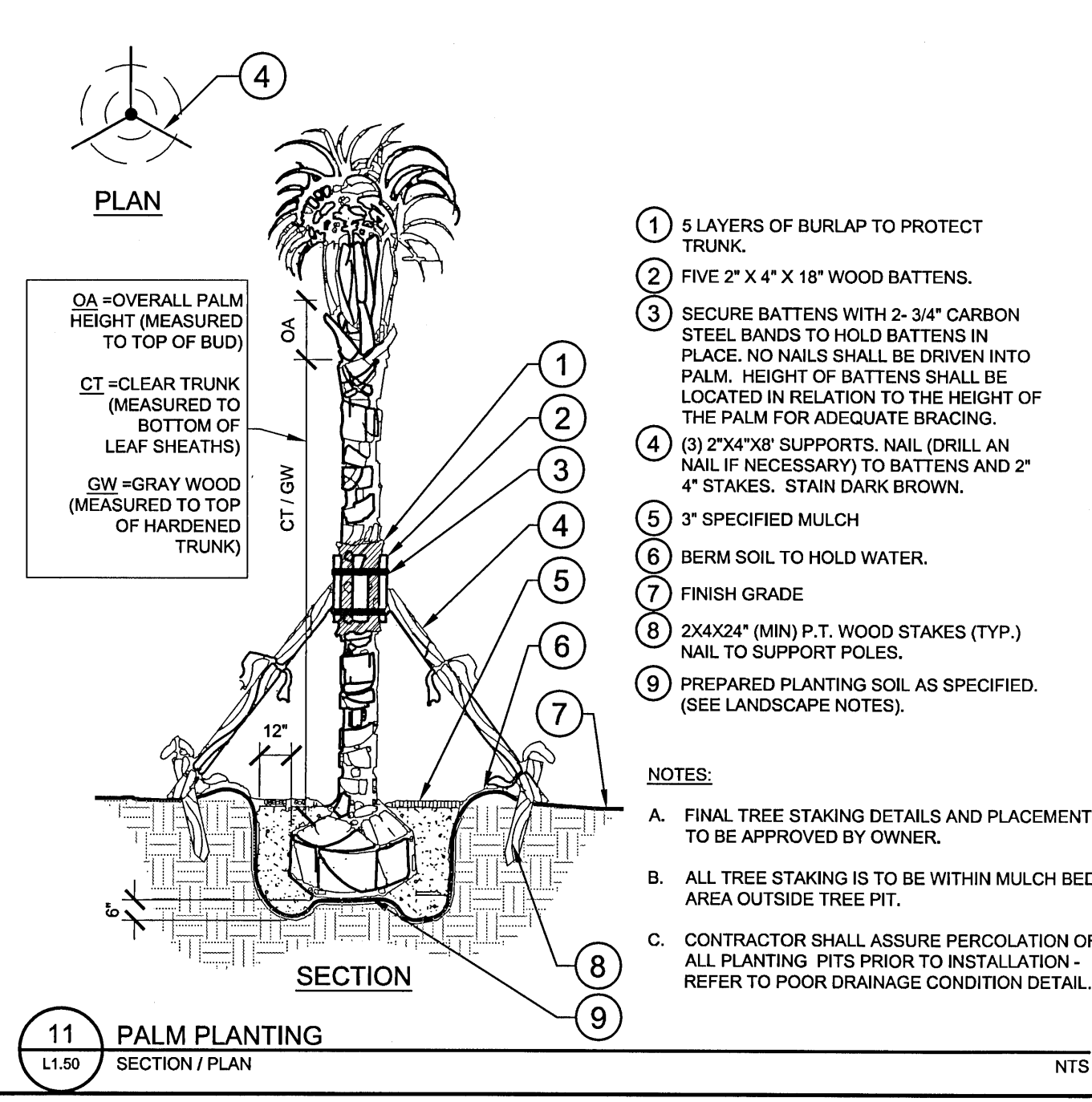
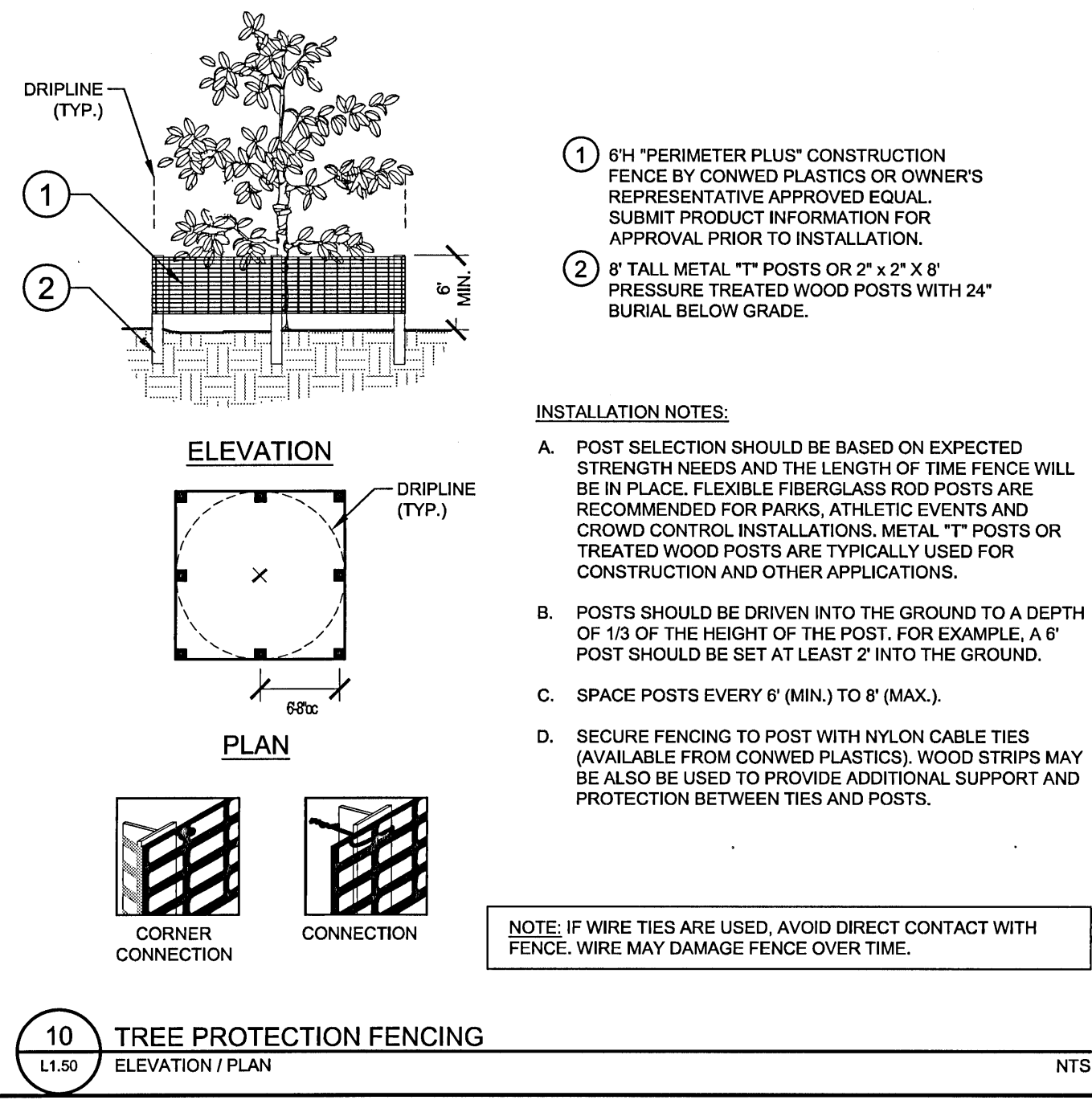
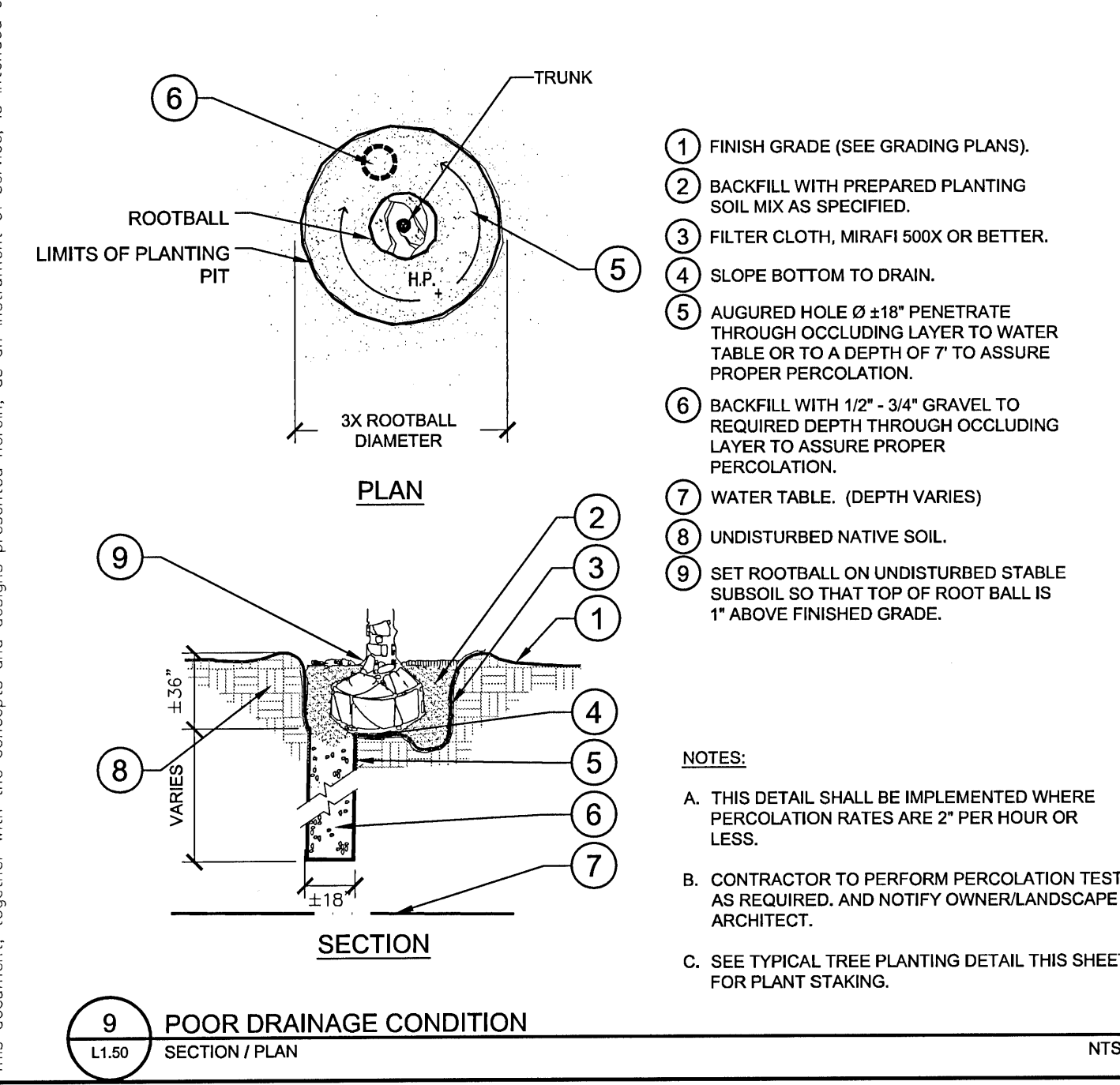
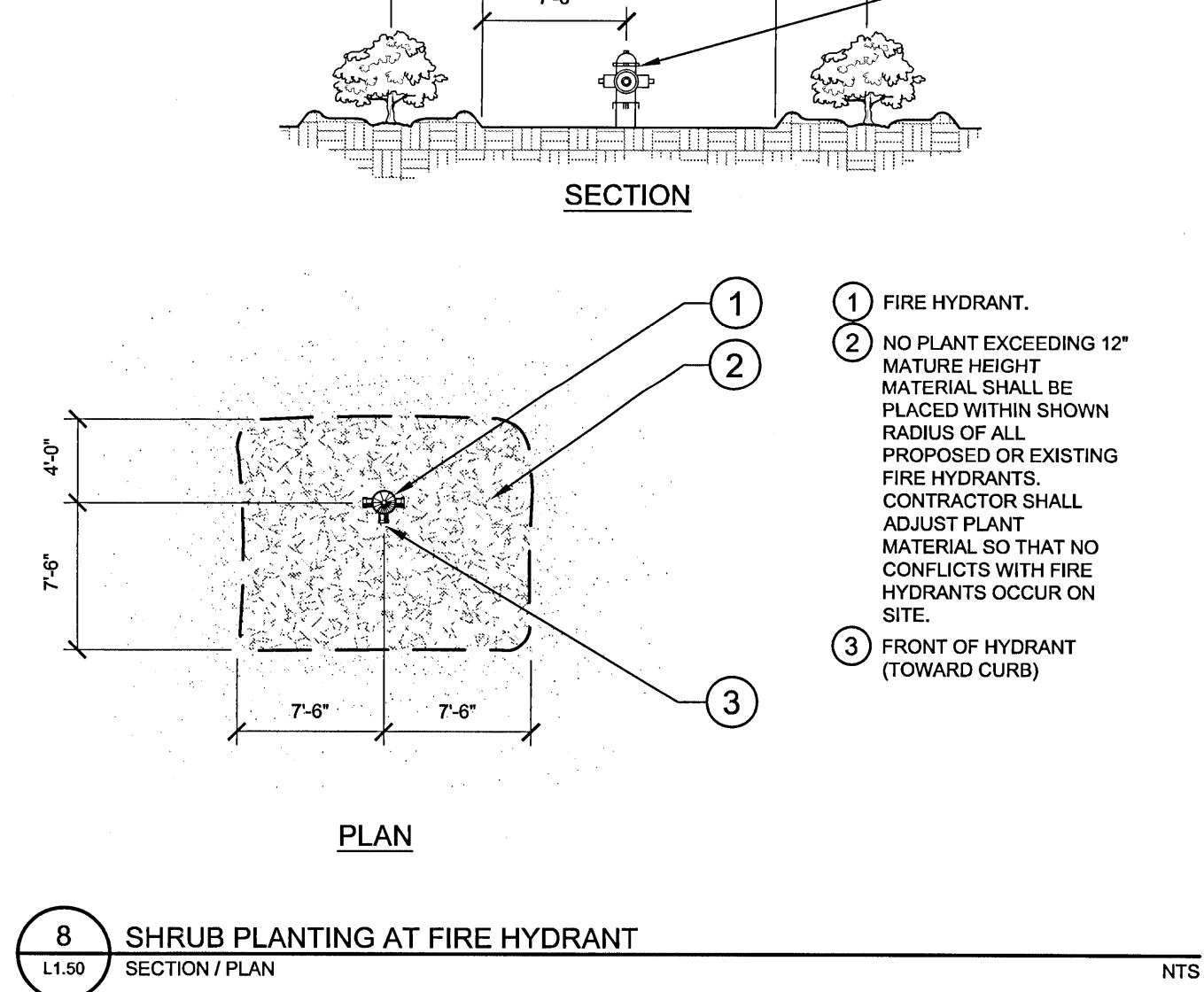
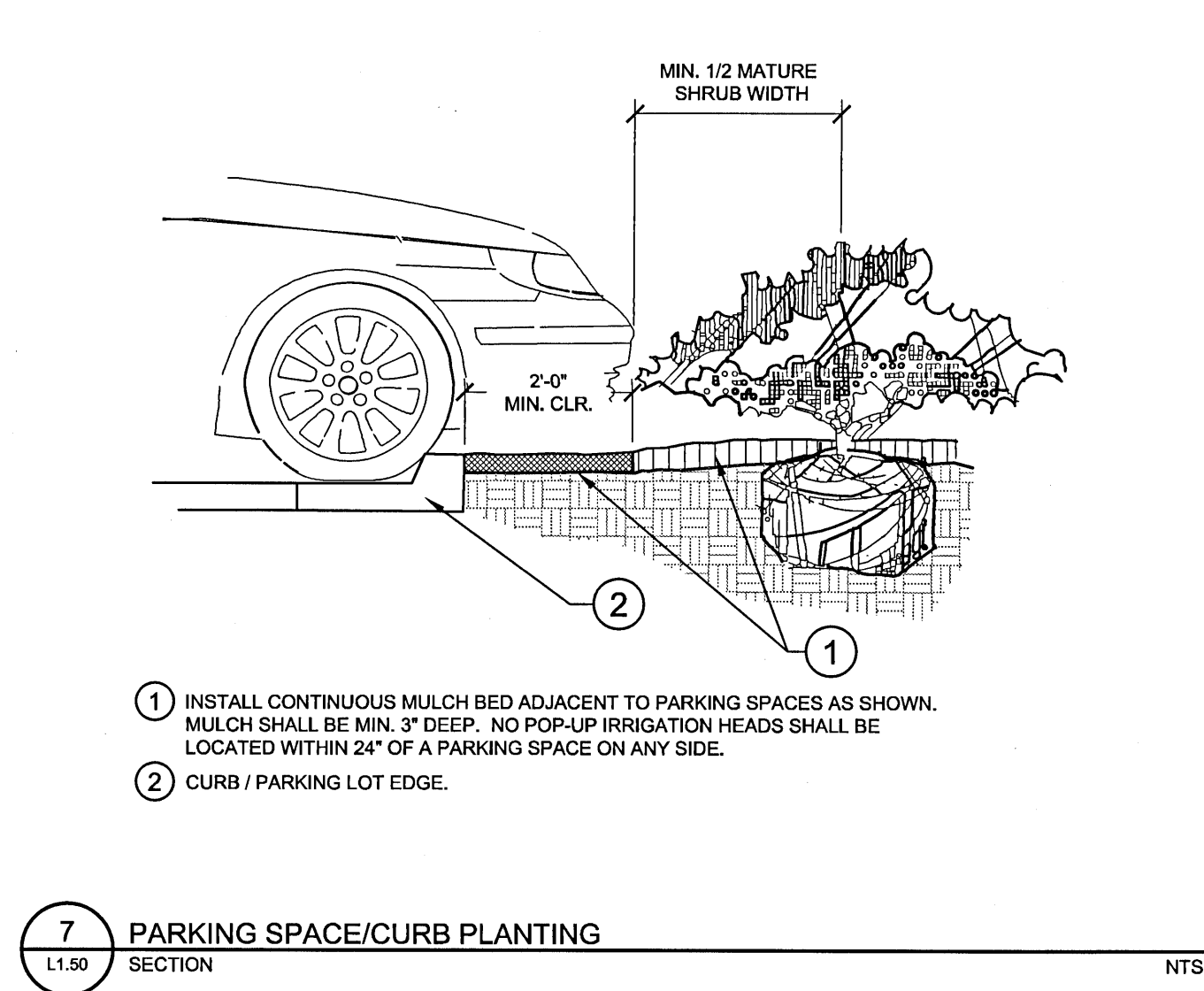
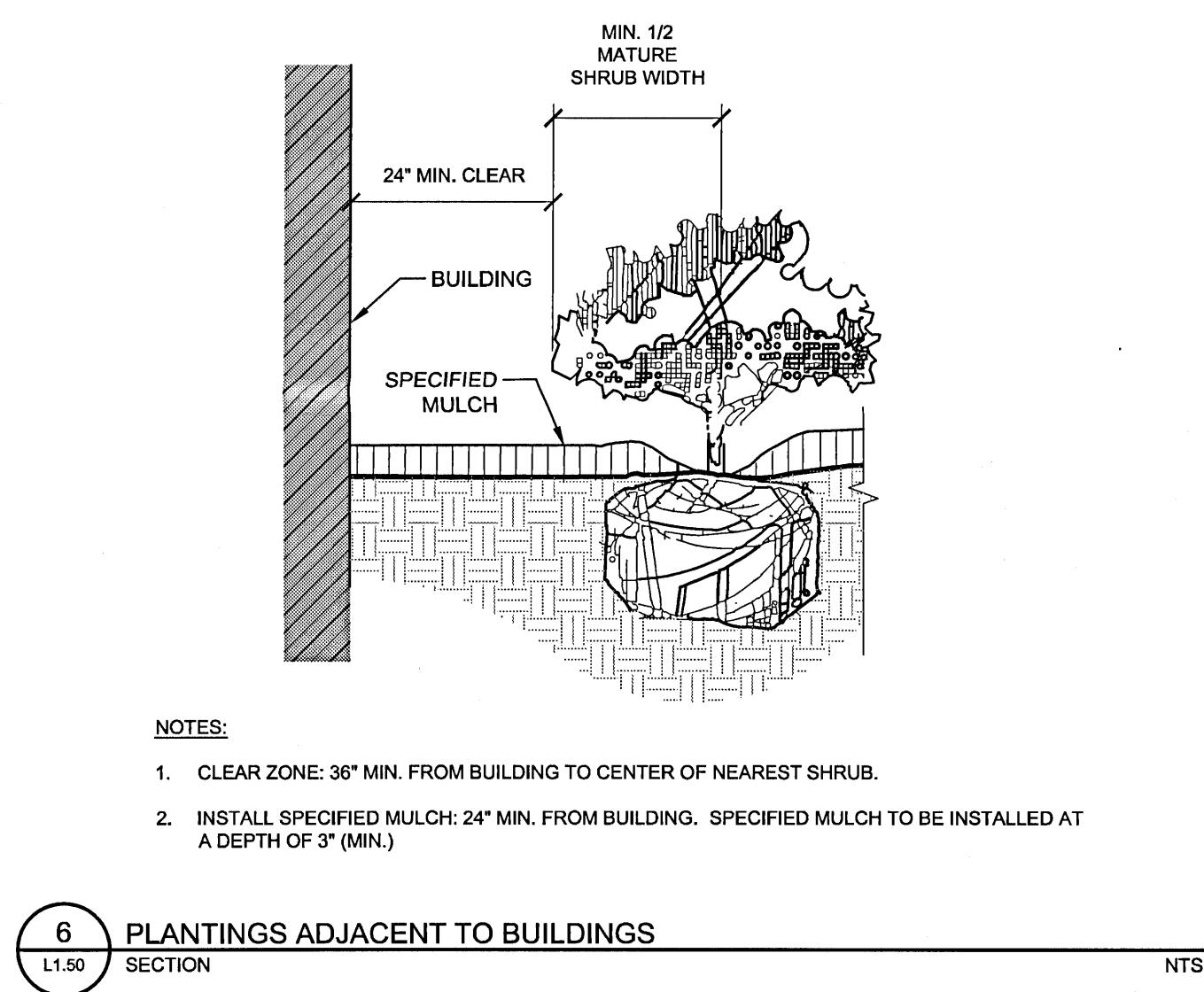
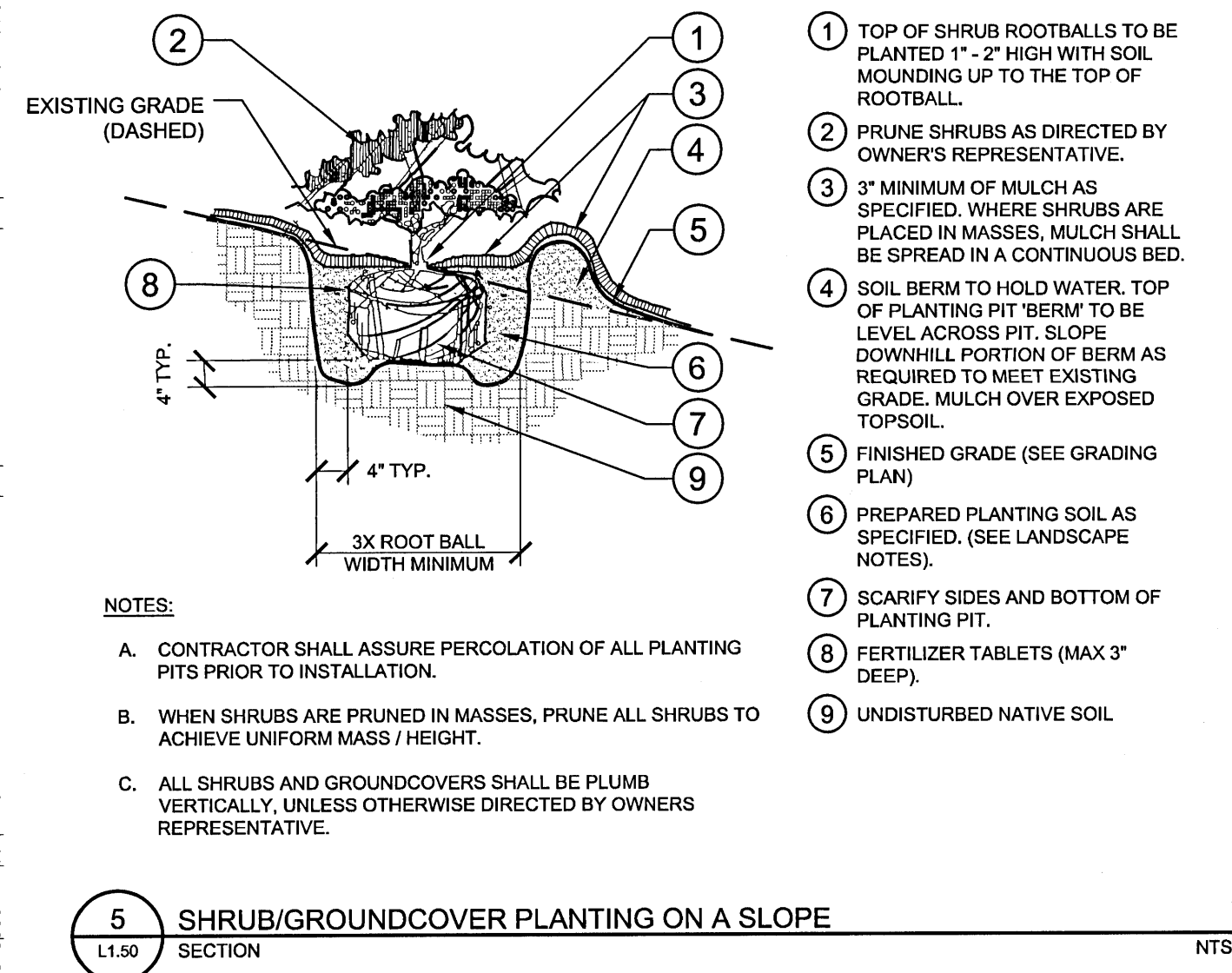
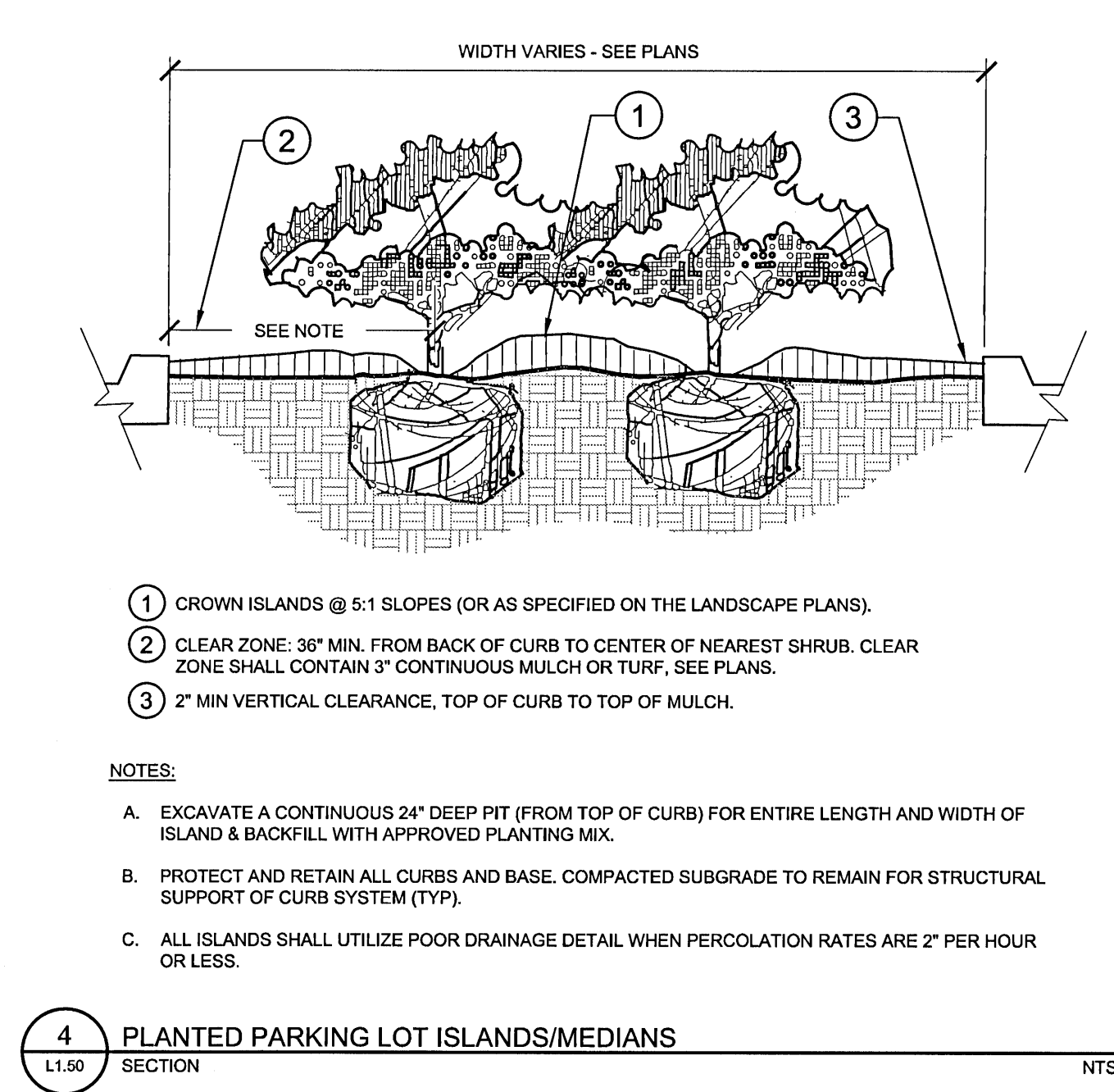
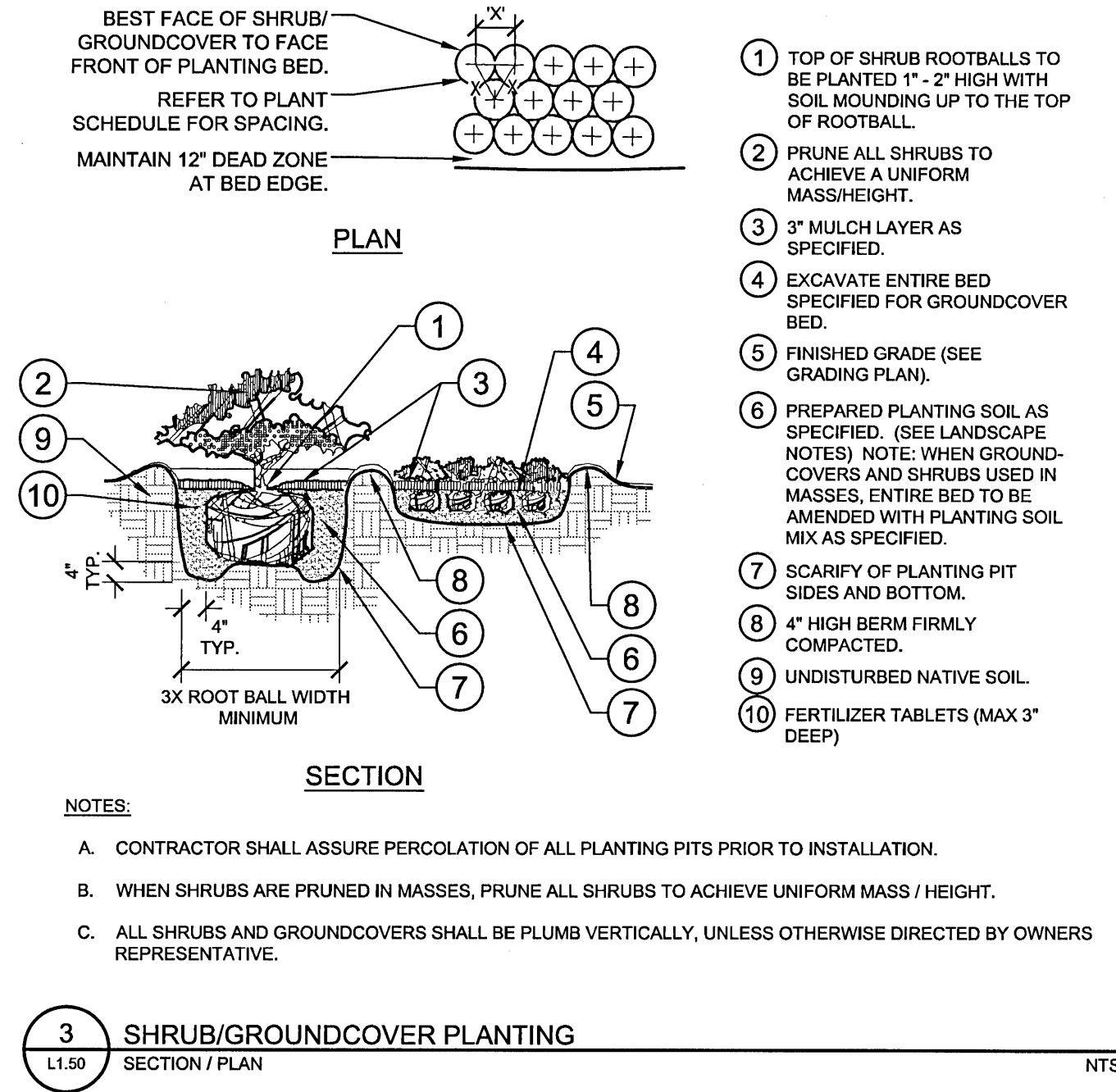
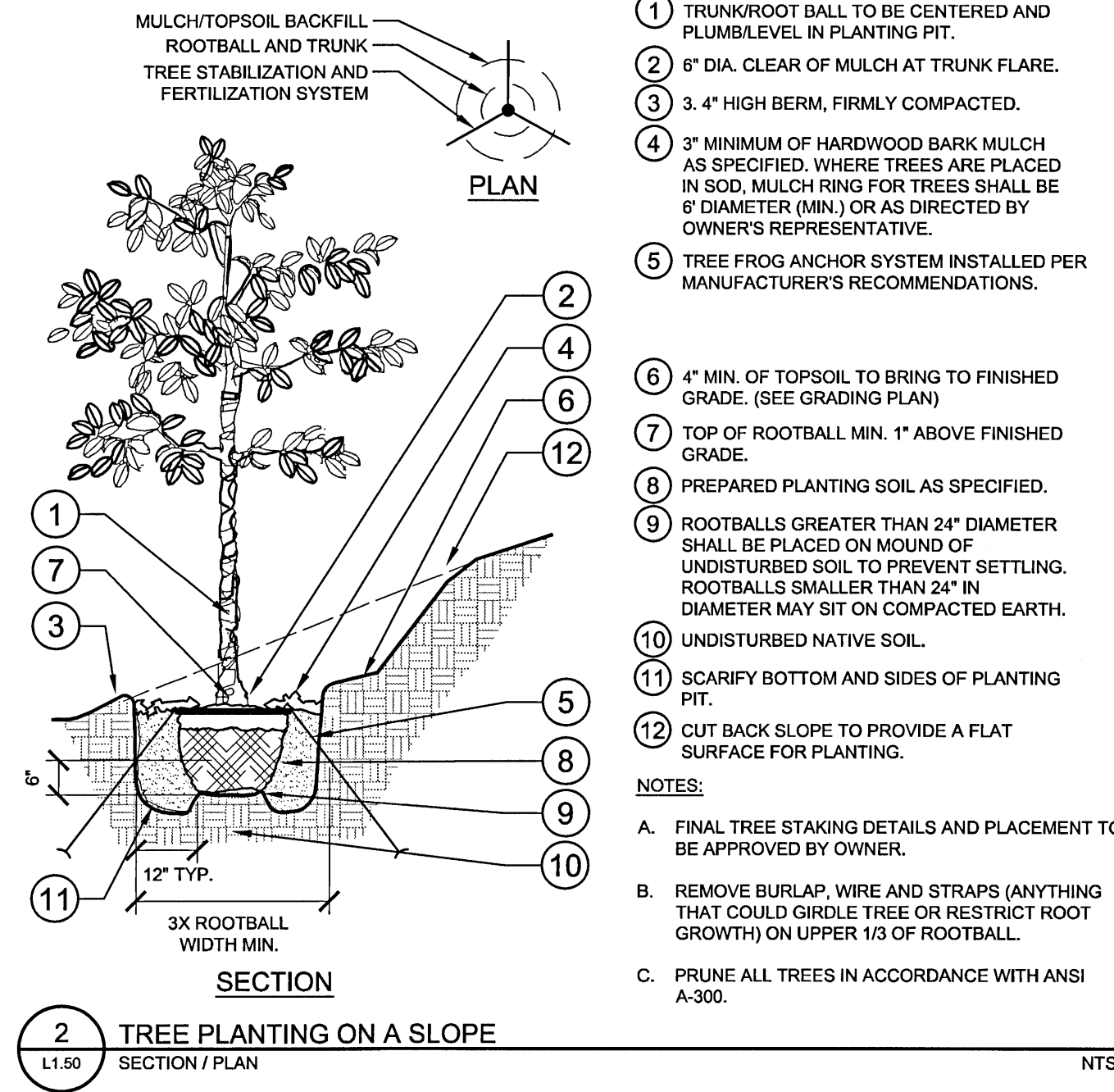
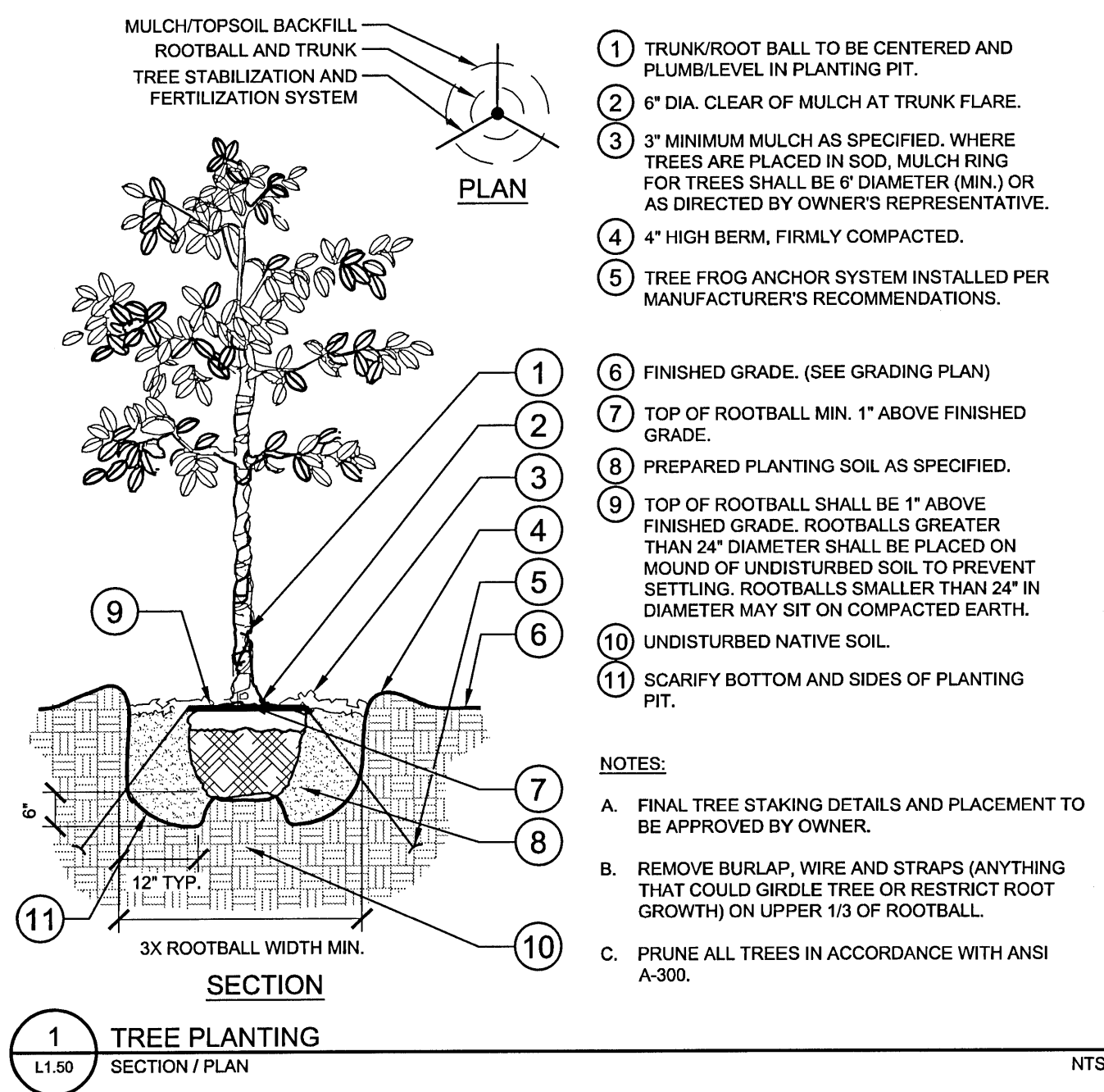


ASPHALT PAVEMENT SECTION AND TRANSITION
- FLORIDA ONLY -



1,250 GALLON GREASE TRAP DETAIL

Plotted By: Zhong, Jin. Sheet Set: Tom Thumb Pensacola, III.25. Layout: L1.50. August 17, 2021. 10:55:19am. K:\OR\LA\VERO BEACH\147785060 - Tom Thumb Pensacola\CD\CON\PlanSheets\L1.00 - LANDSCAPE PLAN.dwg
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REVISIONS				DATE	BY
No.	DESCRIPTION	DATE	BY		

Kimley»Horn

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WWW.KIMLEY-HORN.COM CA 0000696

REGISTERED PROFESSIONAL ENGINEER
L6667292
STATE OF FLORIDA
MATTHEW J. FRANKOT

KHA PROJECT
147785006
DATE
APRIL 2021
SCALE AS SHOWN
DESIGNED BY
DRAWN BY
CHECKED BY
DATE
8/17/2021

LANDSCAPE DETAILS

TomThumb
America
A Division of CH2M

FLORIDA
PENSACOLA

SHEET NUMBER
L1.50

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