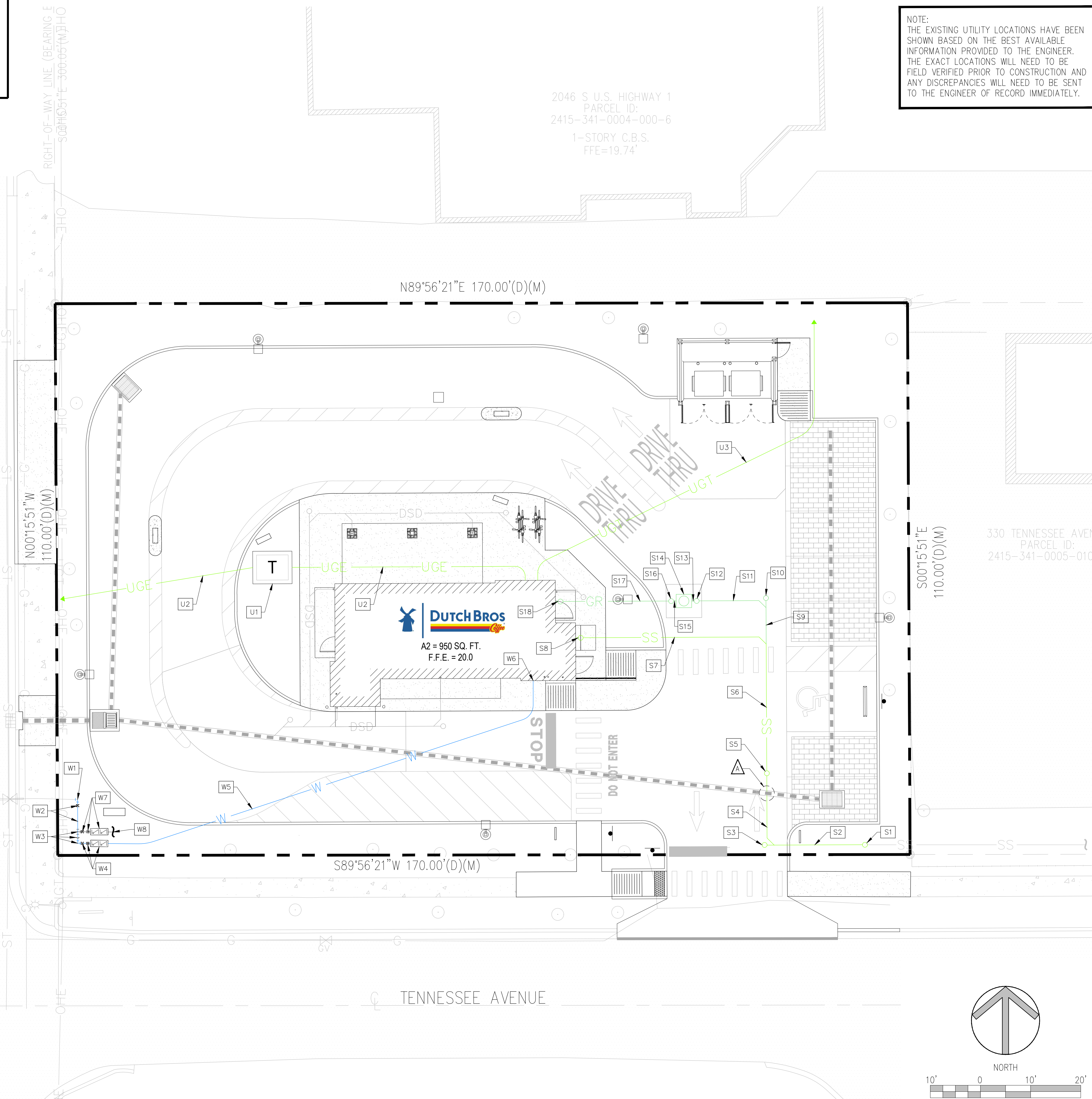


NOTE:
THE EXISTING UTILITY LOCATIONS HAVE BEEN SHOWN BASED ON THE BEST AVAILABLE INFORMATION PROVIDED TO THE ENGINEER. THE EXACT LOCATIONS WILL NEED TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES WILL NEED TO BE SENT TO THE ENGINEER OF RECORD IMMEDIATELY.

2046 S U.S. HIGHWAY 1
PARCEL ID:
2415-341-0004-000-6
1-STORY C.B.S.
FFE=19.74'



UTILITY NOTES

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL FIELD VERIFY THE LOCATION, SIZE, AND INVERT ELEVATION OF THE EXISTING SANITARY SEWER PIPE AND NOTIFY THE ENGINEER OF RECORD IMMEDIATELY IF ANY DISCREPANCIES EXIST.

SANITARY SEWER NOTES:

- S1 CONTRACTOR SHALL CONNECT TO EXISTING SANITARY SEWER MAIN WITH A CLEANOUT @ INV. ELEV. = 13.65
- S2 20 LF - 6" PVC SDR26 @ 1.0% SLOPE (1/3) TYP.
- S3 CLEANOUT #1 (3/7) TYP. INV. ELEV. = 13.85
- S4 15 LF - 6" PVC SDR26 @ 2.0% SLOPE
- S5 DROP CLEANOUT (4/7) INV. OUT = 14.15 INV. IN = 15.20
- S6 26 LF - 6" PVC SDR26 @ 2.0% SLOPE
- S7 39 LF - 6" PVC SDR26 @ 2.0% SLOPE
- S8 CONTRACTOR SHALL CONNECT TO SANITARY STUB-OUT FROM BUILDING WITH A CLEANOUT @ INV. ELEV. = 16.50. CONTRACTOR SHALL REFER TO MEP PLANS & CONFIRM STUB-OUT SIZE, LOCATION, & INVERT & NOTIFY ENGINEER IF DISCREPANCIES EXIST.
- S9 10 LF - 6" PVC SDR26 @ 1.5% SLOPE
- S10 CLEANOUT #2 INV. ELEV. = 15.87
- S11 15 LF - 6" PVC SDR26 @ 1.5% SLOPE
- S12 CLEANOUT #3 INV. ELEV. = 16.10
- S13 1 LF - 6" PVC SDR26 @ 1.5% SLOPE
- S14 SCHER GB-50 GREASE INTERCEPTOR (8/7) INV. IN = 16.11 INV. OUT = 16.11
- S15 1 LF - 6" PVC SDR26 @ 1.5% SLOPE
- S16 CLEANOUT #4 INV. ELEV. = 16.12
- S17 23 LF - 6" PVC SDR26 @ 1.5% SLOPE
- S18 CONTRACTOR SHALL CONNECT TO SANITARY STUB-OUT FROM BUILDING WITH A CLEANOUT @ INV. ELEV. = 16.50. CONTRACTOR SHALL REFER TO MEP PLANS & CONFIRM STUB-OUT SIZE, LOCATION, & INVERT & NOTIFY ENGINEER IF DISCREPANCIES EXIST.

WATER NOTES:

- W1 CONTRACTOR SHALL CONNECT TO EXISTING 2" PVC WATER MAIN WITH A 2" 90° ELBOW
- W2 2" GATE VALVE AND 8 LF - 2" BLUE PE POTABLE WATER LINE (1/7) TYP.
- W3 2" x 1 1/2" x 2" TEE, 2" x 1 1/2" REDUCER AND 1 1/2" 90° ELBOW
- W4 1 1/2" GATE VALVE, 1" METER AND 1 1/2" BACKFLOW PREVENTER (5/7) TYP.
- W5 102 LF - 1 1/2" BLUE PE POTABLE WATER LINE
- W6 POTABLE WATER POINT OF CONNECTION TO BUILDING

IRRIGATION NOTES:

- W7 1 1/2" GATE VALVE, 1" METER AND 1" BACKFLOW PREVENTER
- W8 1 1/2" PURPLE PVC IRRIGATION STUB-OUT. (SEE IRRIGATION PLAN FOR CONTINUATION)

ELECTRIC, TELEPHONE AND GAS NOTES:

- U1 PROPOSED TRANSFORMER AND TRANSFORMER PAD (CONTRACTOR SHALL COORDINATE WITH POWER COMPANY FOR EXACT SIZE, LOCATION AND DETAILS OF PAD).
- U2 CONTRACTOR SHALL COORDINATE WITH POWER COMPANY FOR EXACT NUMBER, SIZE AND DEPTH OF CONDUIT FOR UNDERGROUND ELECTRICAL SERVICE.
- U3 CONTRACTOR SHALL COORDINATE WITH TELEPHONE COMPANY AND OR DEVELOPER FOR EXACT LOCATION OF TELEPHONE SERVICE STUBOUT/POINT OF CONNECTION AREA. CONTRACTOR SHALL PROVIDE 2-INCH CONDUIT FROM THE BUILDINGS ELECTRICAL ROOM TO THE INTERNET POINT-OF-CONNECTION (POC) AREA, STUBBED ABOVE GRADE WITH MULE TAPE.

ZDEVELOPMENT SERVICES
CIVIL ENGINEERING CONSULTANTS
CA 29354
1201 E. ROBINSON STREET
ORLANDO, FL 32801
PH: (407) 271-8910

DATE	REVISION

SARAH CULOTTA, P.E.
FL REG. # 87413

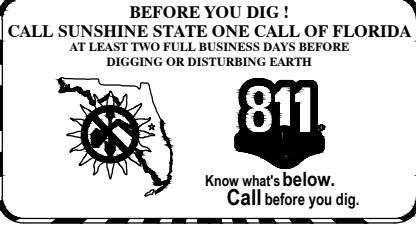
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DUTCH BROS COFFEE (FL2701)
2050 SOUTH US HWY 1
FORT PIERCE, FLORIDA 34950

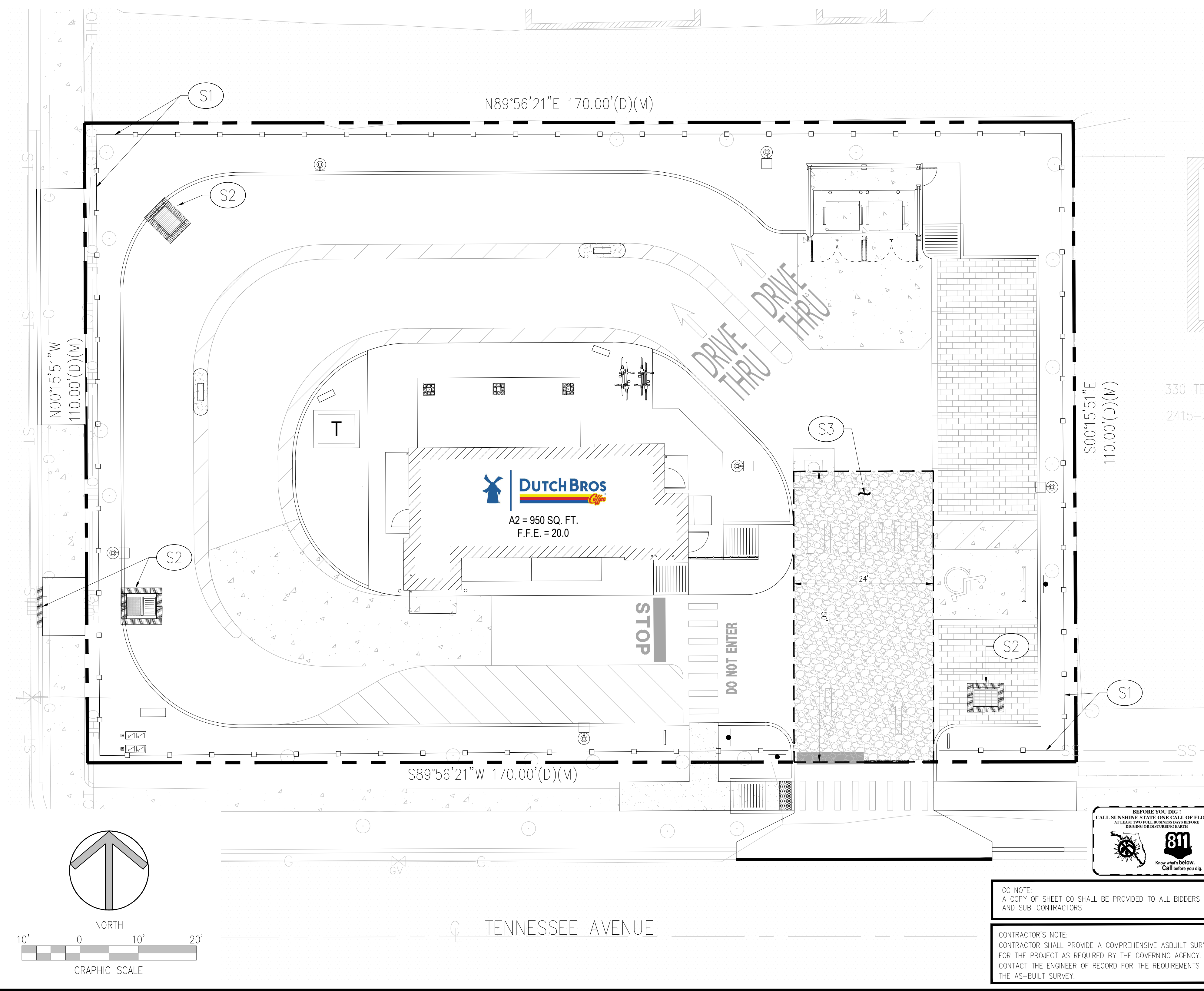
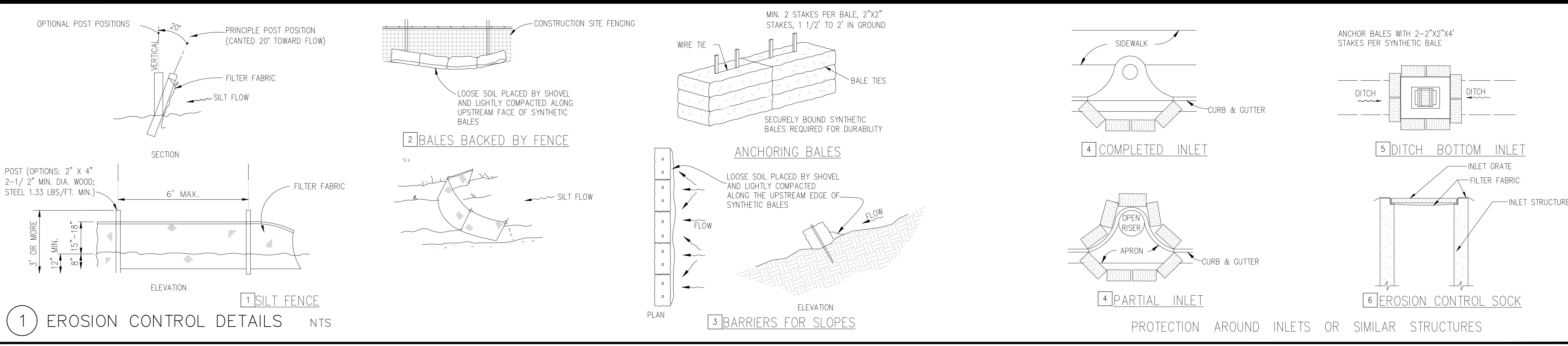
DATE: 03/28/25
DRAWN: RM
CHECKED: SC

C3
UTILITY PLAN
PROJECT NO.: 2024.166



GC NOTE:
A COPY OF SHEET CD SHALL BE PROVIDED TO ALL BIDDERS AND SUB-CONTRACTORS

CONTRACTOR'S NOTE:
* CONTRACTOR SHALL PROVIDE A COMPREHENSIVE ASBUILT SURVEY FOR THE PROJECT AS REQUIRED BY THE GOVERNING AGENCY. CONTACT THE ENGINEER OF RECORD FOR THE REQUIREMENTS OF THE AS-BUILT SURVEY.



PLAN KEYNOTES:

(S1) INSTALL STAKED EROSION CONTROL SILT FENCE PRIOR TO CONSTRUCTION.	1 / C5
(S2) CATCH BASIN STRUCTURE. CONTRACTOR SHALL INSTALL EROSION CONTROL SOCK UNDER GRATE OF ALL EXISTING & PROPOSED CATCH BASIN STRUCTURES DURING DEMOLITION AND CONSTRUCTION.	1 / C5
(S3) CONSTRUCTION ENTRANCE/EXIT.	1 / C5

TOTAL AREA (SF) (AC)	*DISTURBED AREA (SF) (AC)	UNDISTURBED AREA (SF) (AC)	IMPERVIOUS* AREA (SF) (AC)	PERVIOUS* AREA (SF) (AC)
18,700 SF 0.429 AC	18,700 SF 0.429 AC	0	13,230 SF 0.303 AC	5,470 SF 0.126 AC

*IMPERVIOUS + PERVIOUS = DISTURBED

Stormwater Pollution Prevention Plan Inspection Report Form
 Inspections must occur at least once a week and within 24 hours of the end of a storm event that is 0.50 inches or greater.

Project Name: _____
 FDEP NPDES Stormwater Identification Number: _____

LOCATION	RAIN DATA	TYPE OF CONTROL	DATE INSTALLED	CURRENT CONDITION / CORRECTIVE ACTION

Condition Code:
 G = Good M = Marginal, needs maintenance or replacement
 P = Poor, needs immediate maintenance or replacement C = Needs to be cleaned
 O = Other

Control Type Codes

1. Silt Fence	10. Storm drain inlet protection	19. Reinforced soil retaining system
2. Earth dikes	11. Vegetative buffer strip	20. Gabion system
3. Structural diversion	12. Vegetative preservation area	21. Sediment Basin
4. Swale	13. Retention Pond	22. Temporary seed / sod
5. Sediment trap	14. Construction entrance stabilization	23. Permanent seed / sod
6. Check dam	15. Perimeter ditch	24. Mulch
7. Subsurface drain	16. Curb and gutter	25. Hay Bales
8. Pipe slope drain	17. Paved road surface	26. Geotextile
9. Level spreaders	18. Rock outlet protection	27. Rip-rap
28. Tree protection	31. Waste disposal/housekeeping	33. Sand Bag
29. Detention pond	32. Dam	34. Other
30. Retention pond		

Inspector Information:
 Name: _____ Date: _____
 Qualification: _____
 The above signature also shall certify that this facility is in compliance with the Stormwater Pollution Prevention Plan and the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities if there are not any incidents of non-compliance identified above.

Contractor's Note:
 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 qualified personnel properly gathered and evaluated 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.

Name (Responsible Authority) Date: _____
 NOTE: THIS EXAMPLE INSPECTION LOG IS GIVEN FOR REFERENCE PURPOSES. THIS OR A SIMILAR FORM IS REQUIRED PER NOTE 16.

POLLUTION CONTROL NOTES

- ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL COMPLETION OF CONSTRUCTION.
- ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM WITH LOCAL CITY/COUNTY AND WATER MANAGEMENT DISTRICT SPECIFICATIONS, SUBJECT TO AUTHORIZED AND APPROVED VARIANCES, WAIVERS AND/OR CONDITIONS OF SITE PERMITS.
- EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF THE SITE.
- ALL AREAS AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITION, UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO ADDITIONAL COMPENSATION SHALL BE ALLOWED.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THESE PLANS AND FIELD CONDITIONS PRIOR TO CONSTRUCTION.
- PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL PROVIDE TREE PROTECTION BARRIERS TO MEET THE REQUIREMENTS OF LOCAL SPECIFICATIONS.
- THE CONTRACTOR SHALL SELECTIVELY CLEAR ONLY THE AREAS REQUIRED FOR CONSTRUCTION AND STABILIZE ANY POTENTIAL EROSION AREAS IMMEDIATELY FOLLOWING COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL KEEP ANY AND ALL SAND, SILT OR OTHER DEBRIS FROM MOVING OFF-SITE. USE AND MAINTAIN SILT FENCE JUST INSIDE OF PROPERTY LINE.
- CONTRACTOR SHALL BLOCK INTRUSION OF SAND, SILT OR OTHER DEBRIS INTO ANY DRAINAGE OR SANITARY SEWER STRUCTURE OR PIPING ON OR ADJACENT TO SITE.
- ALL CLEARED AREAS FOR IMPROVEMENT AND/OR CONSTRUCTION SHALL BE WATERED TO PREVENT WIND EROSION.
- FOR ADDITIONAL INFORMATION AND DETAILS, SEE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
- UNLESS SPECIFIED, SILT FENCES MAY BE USED IN LIEU OF HAY BARRIERS.
- ADDITIONAL POSTS AND RAILS MAY BE NECESSARY TO SECURE AND SUPPORT BARRIERS.
- ADDITIONAL BARRIER LENGTHS MAY BE REQUIRED BY THE COUNTY ENGINEER OR BY REGULATORY AGENCIES.
- FILTER FABRIC MUST BE INSTALLED UNDER ALL INLET GRATES, AT ALL TIMES WHEN INLETS ARE NOT PROTECTED BY SILT FENCE OR HAY BALES, UNTIL THE LIMEROCK BASE IS FINISHED AND PRIMED.
- THE CONTRACTOR IS REQUIRED TO HAVE THIS PLAN ALONG WITH A COPY OF THE NPDES NOTICE OF INTENT POSTED IN A VISIBLE LOCATION ON THE CONSTRUCTION SITE AT ALL TIMES.
- *CONTRACTOR IS REQUIRED BY NPDES TO KEEP A LOG ON SITE FOR THE SOIL EROSION AND SEDIMENT CONTROL MEASURES INDICATED ON THE PLAN. THE LOG SHALL CONTAIN DATES FOR: INSTALLATION OF CONTROL MEASURES, MAJOR SITE CONSTRUCTION ACTIVITIES, INSPECTION ON AT LEAST A WEEKLY BASIS AND INSPECTION AFTER ANY RAINFALL EVENT THAT IS 1/2" OR GREATER.
- THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF TERMINATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION UPON THE COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL RETAIN ALL RECORDS FOR A PERIOD OF THREE YEARS FOLLOWING THE NOTICE OF TERMINATION.
- NON STORMWATER DISCHARGES SUCH AS FIRE HYDRANT FLUSHING, ETC SHALL BE DISCHARGED TO EXISTING UNDERGROUND STORMWATER FACILITY OR ON SITE RETENTION POND.
- ANY POTENTIALLY HAZARDOUS CHEMICALS BROUGHT ONTO THE JOB SITE WILL BE LIMITED AND KEPT IN ORIGINAL CONTAINER WITH MSDS LABEL.
- NO SILT SHALL BE TRACKED ONTO PUBLIC ROADWAYS. ANY SILT DEPOSITED ON PUBLIC ROADWAYS SHALL BE REMOVED BY THE END OF THE WORK DAY.

CONTRACTOR(S) AND SUBCONTRACTOR(S) THAT IMPLEMENT ANY PART OF THE EROSION/POLLUTION CONTROL MEASURES REQUIRED BY THE NPDES PERMIT SHALL SIGN BELOW:

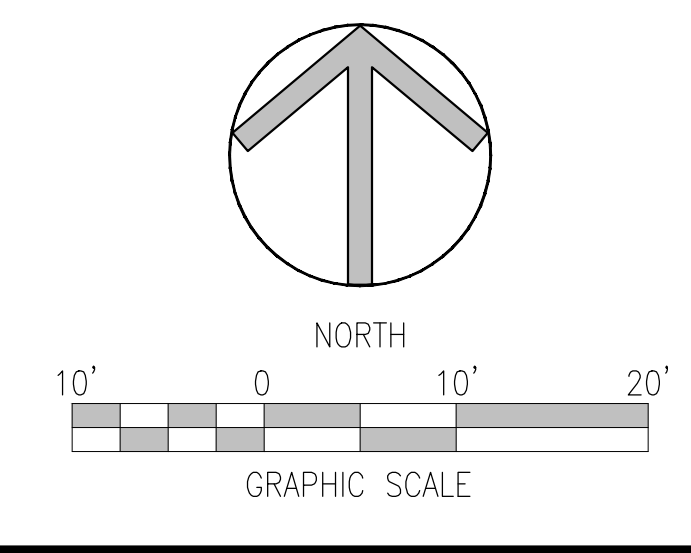
Name	Title	Company Name, Address & phone number	Date

ENGINEER'S CERTIFICATION:
 I, _____, certify under penalty of law that I understand, and shall comply with, the terms and conditions of the State of Florida Generic Permit for Stormwater Discharge from Large and Small Construction Activities and this Stormwater Pollution Prevention Plan prepared thereunder.

ENGINEER'S 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 qualified personnel properly gathered and evaluated 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.

Name (Responsible Authority) Date: _____
 OWNER/AGENT CERTIFICATIONS:
 I HAVE REVIEWED THIS PLAN AND AGREE TO COMPLY WITH THE REQUIREMENTS SHOWN HEREON.

OWNER/AUTHORIZED REPRESENTATIVE Date: _____



TENNESSEE AVENUE

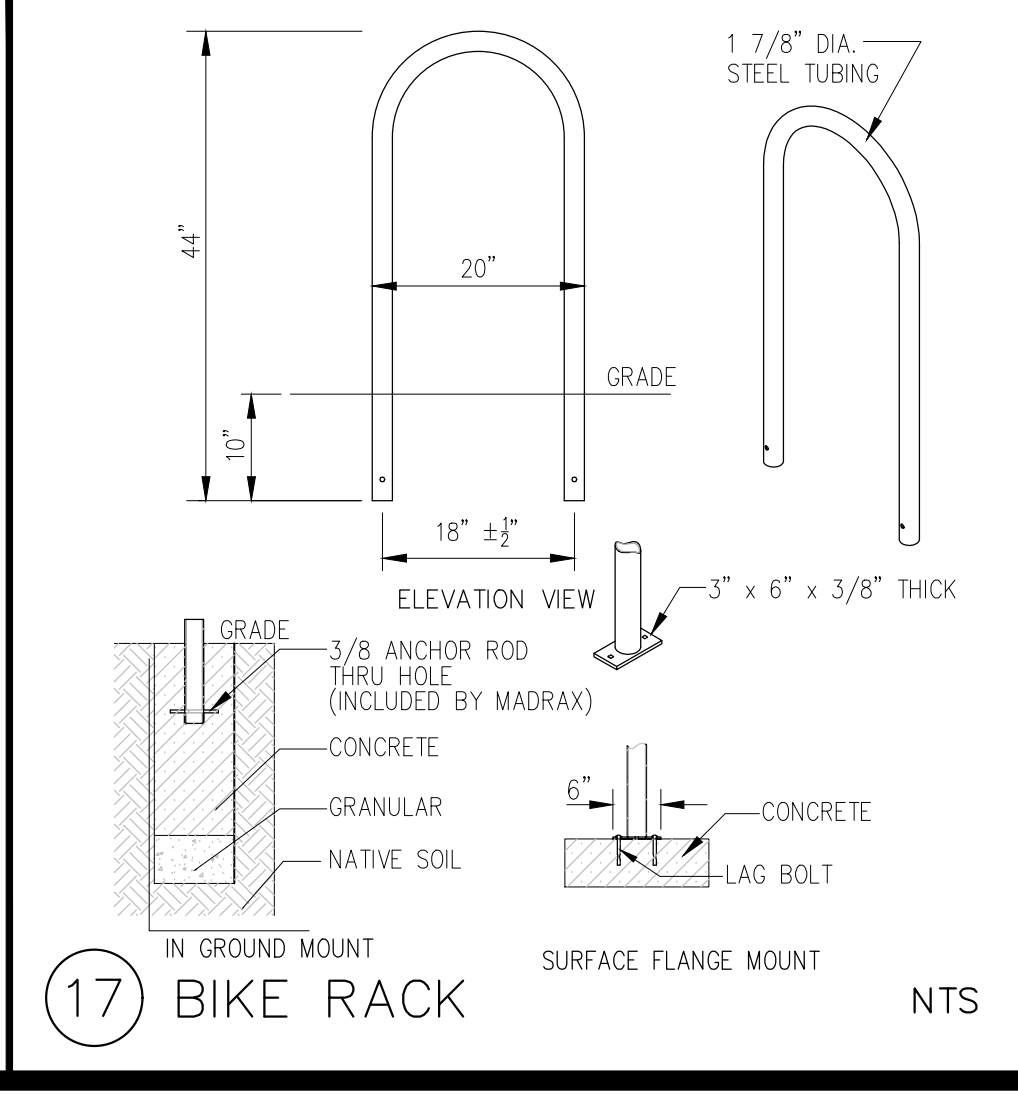
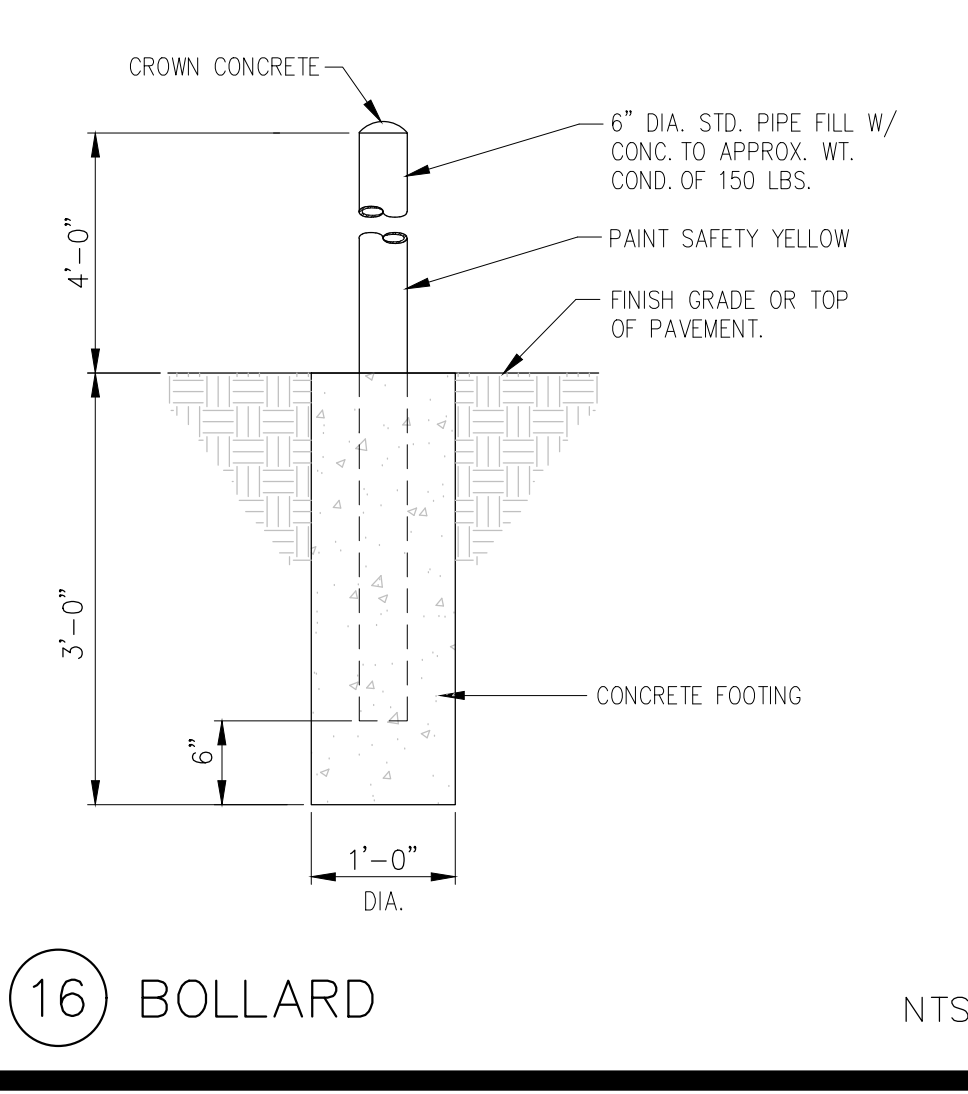
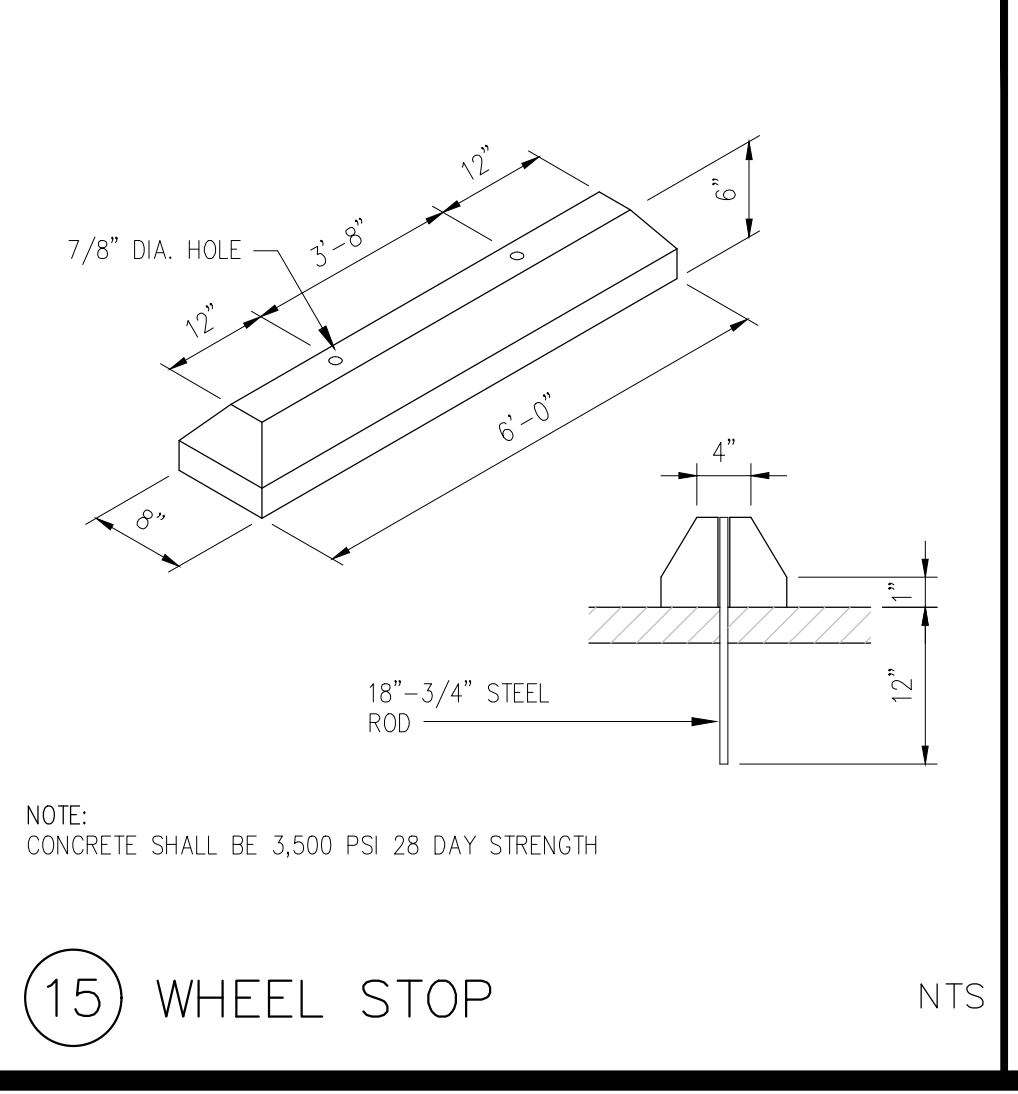
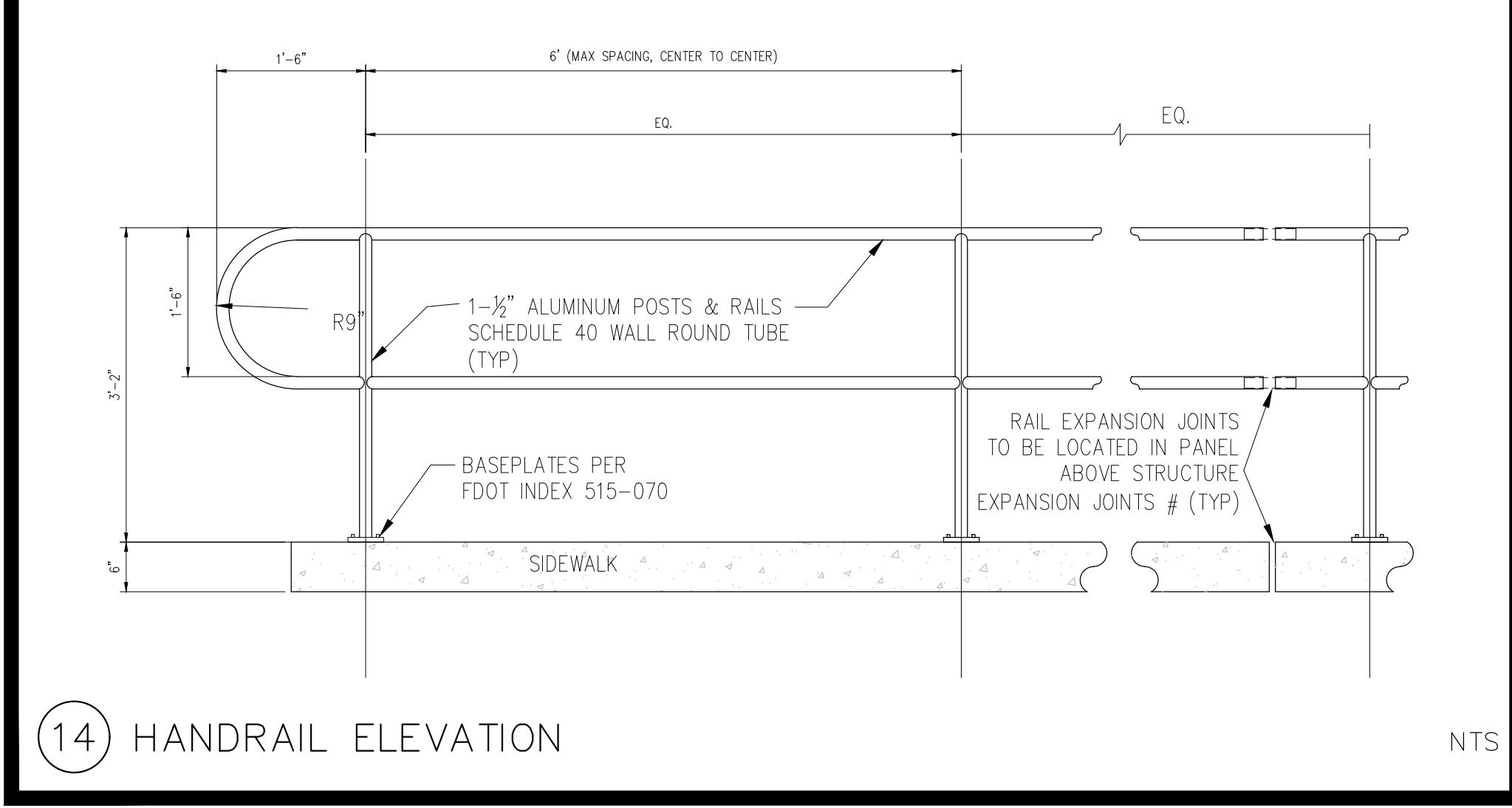
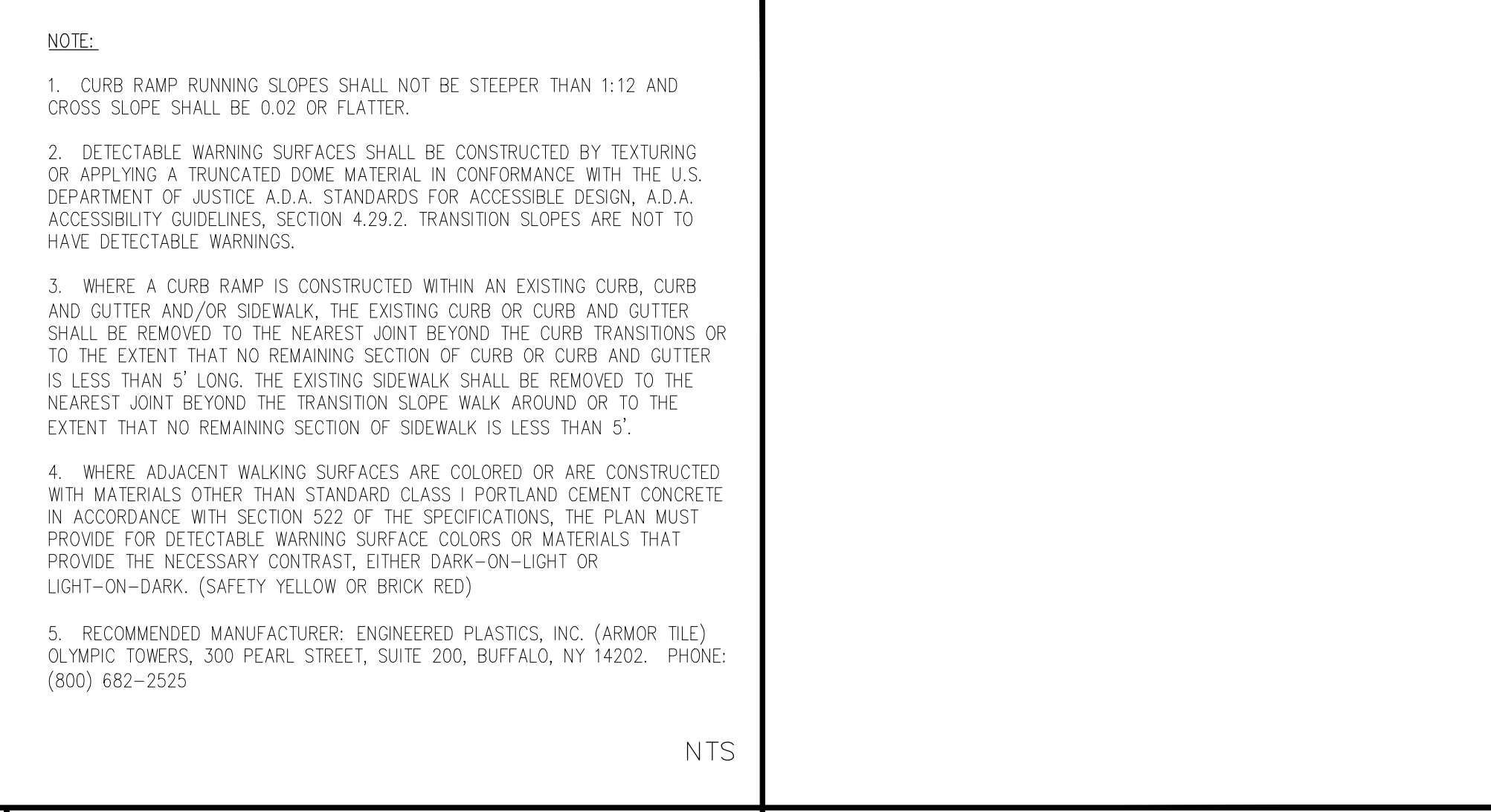
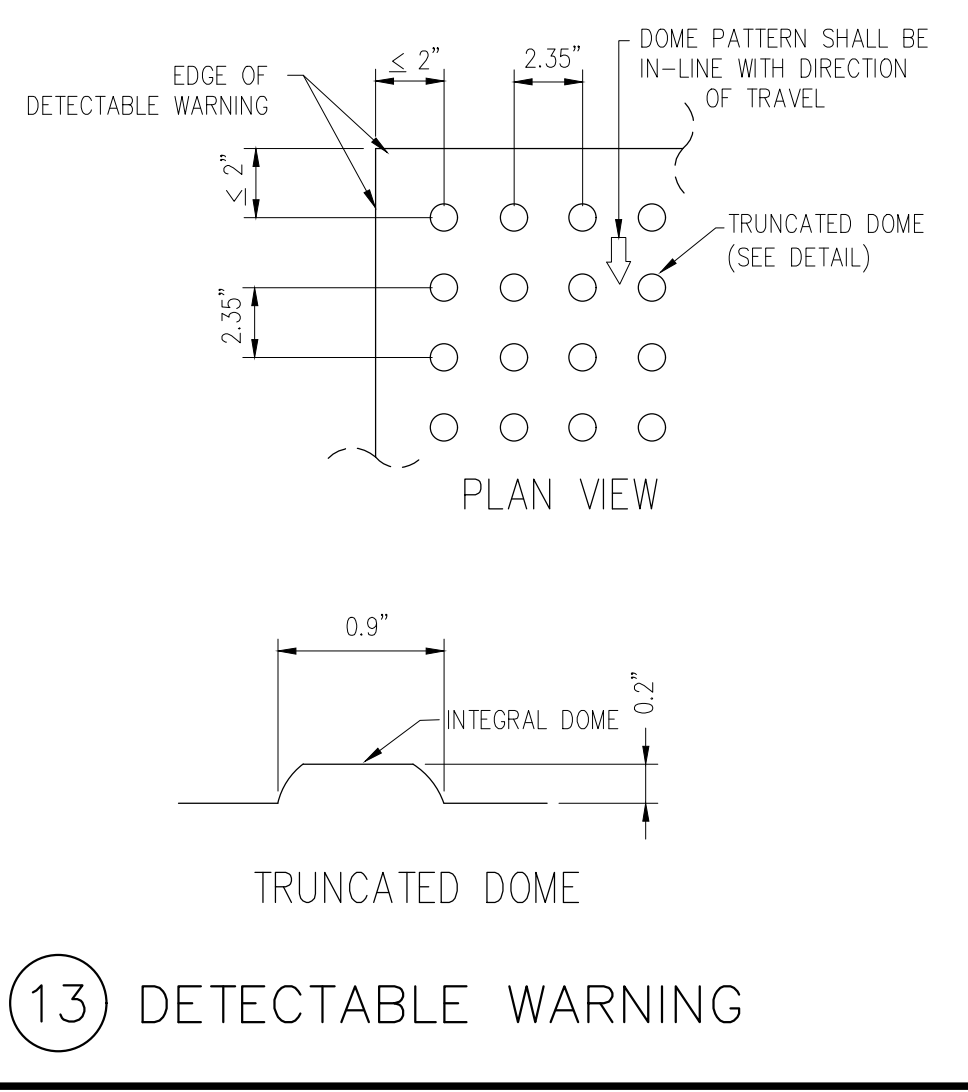
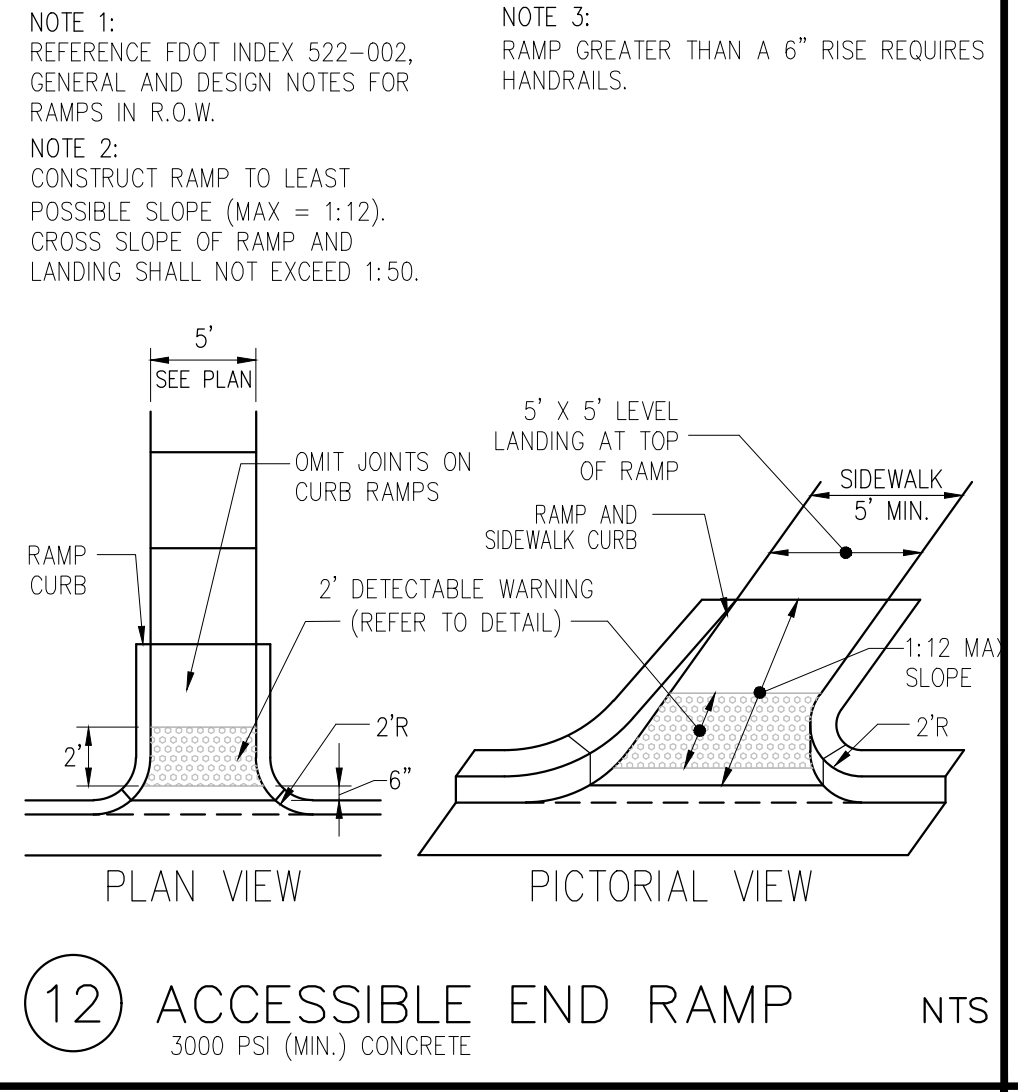
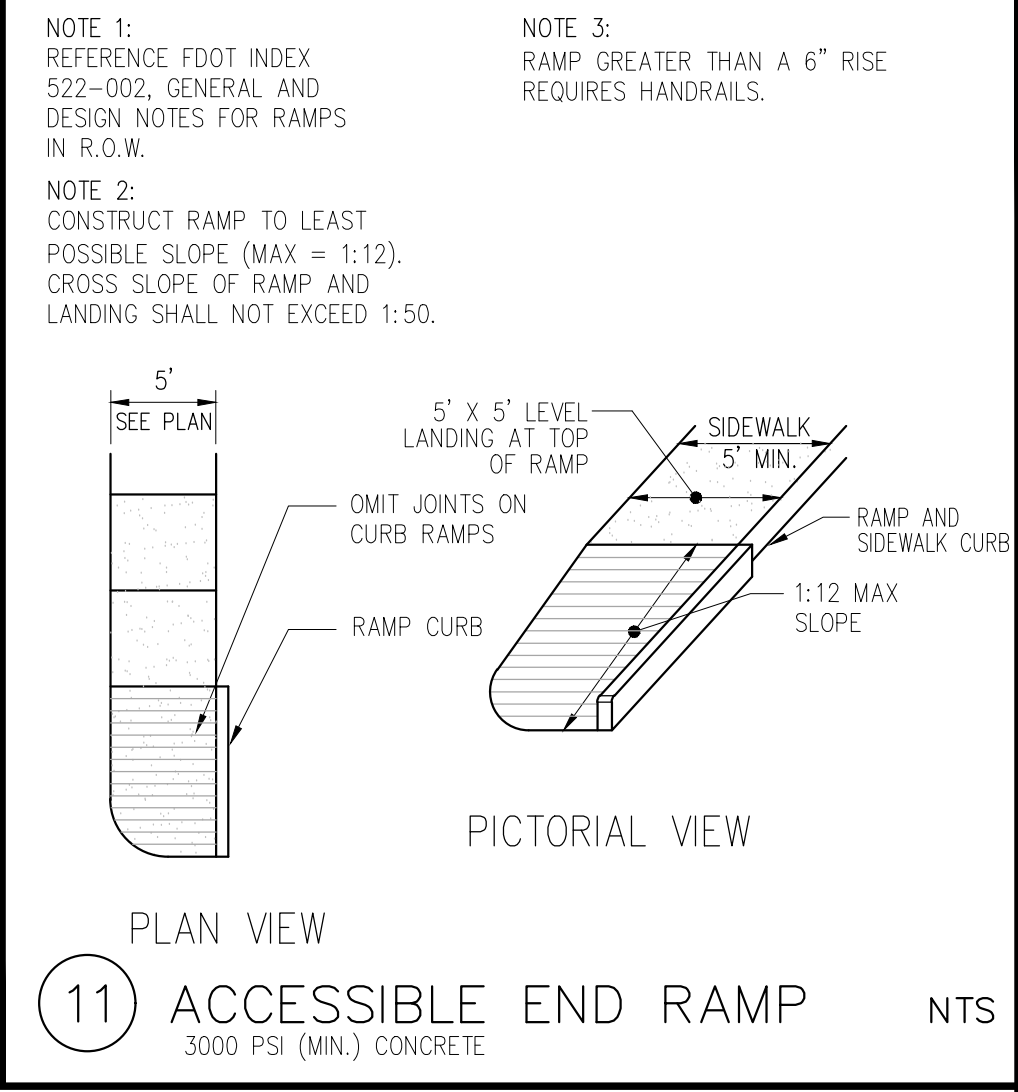
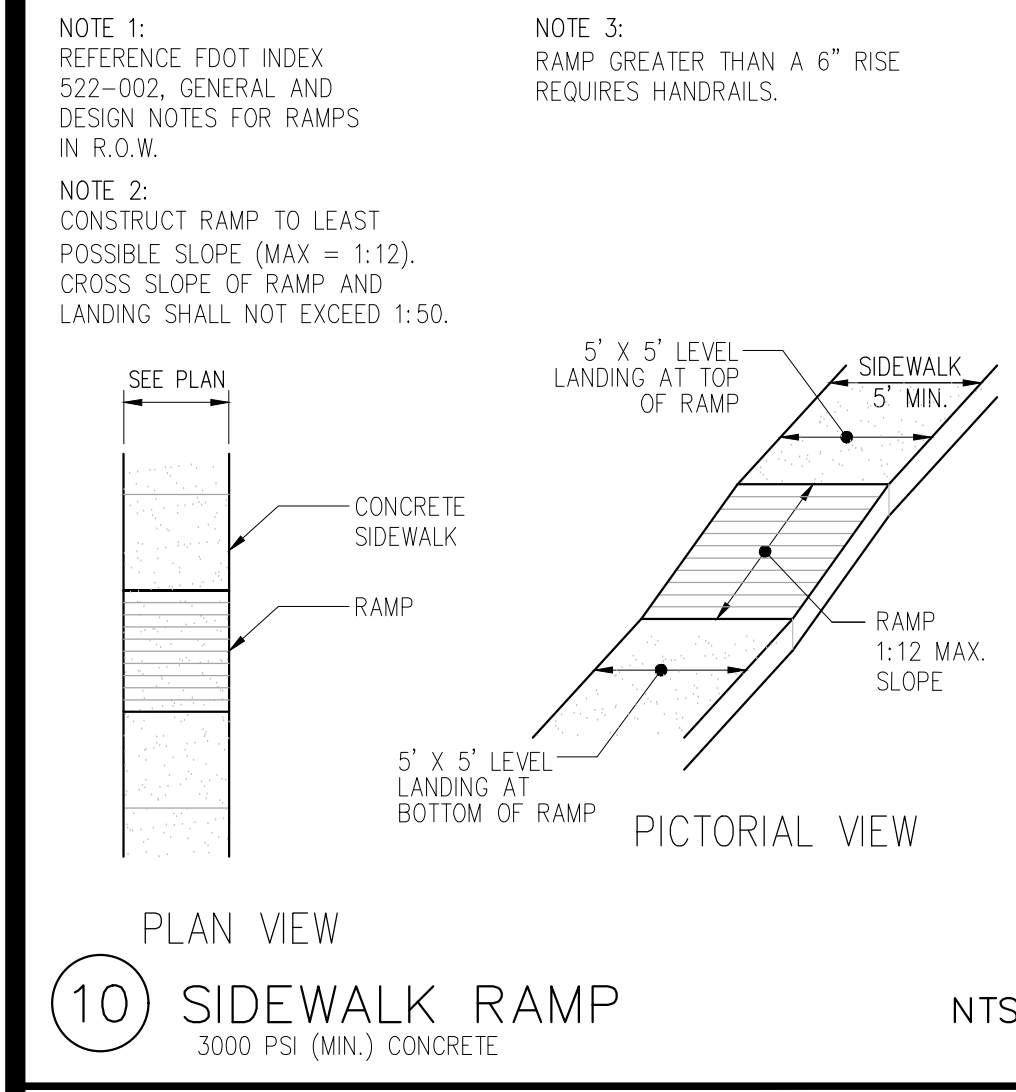
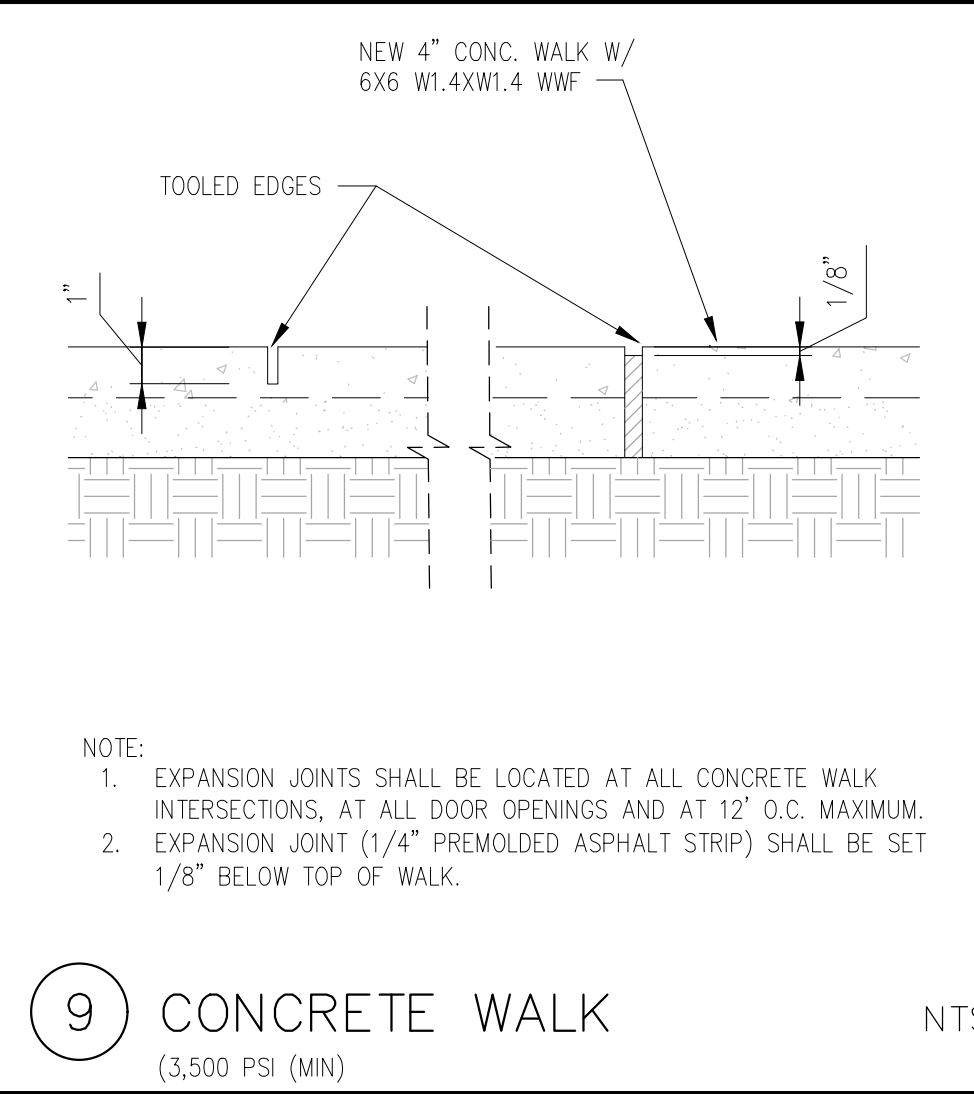
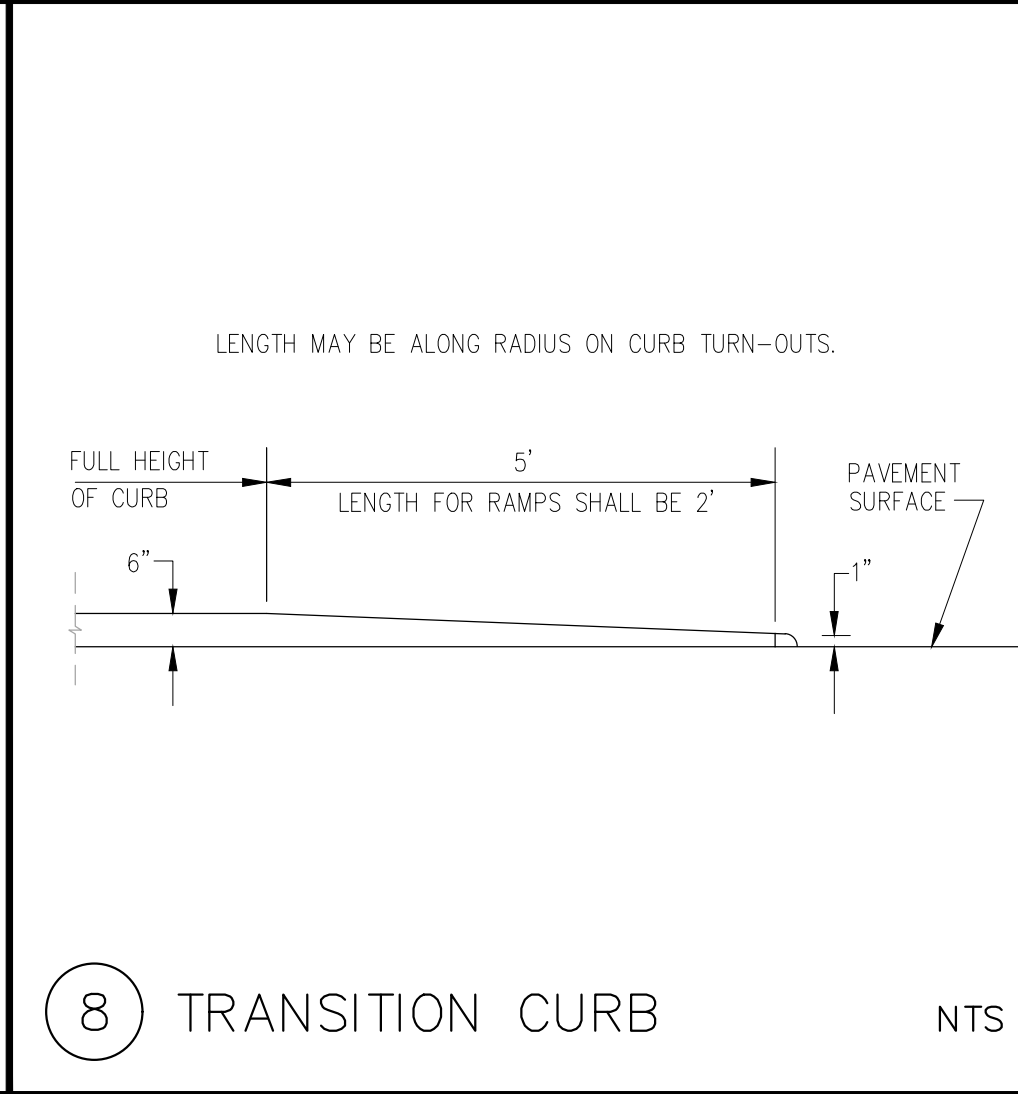
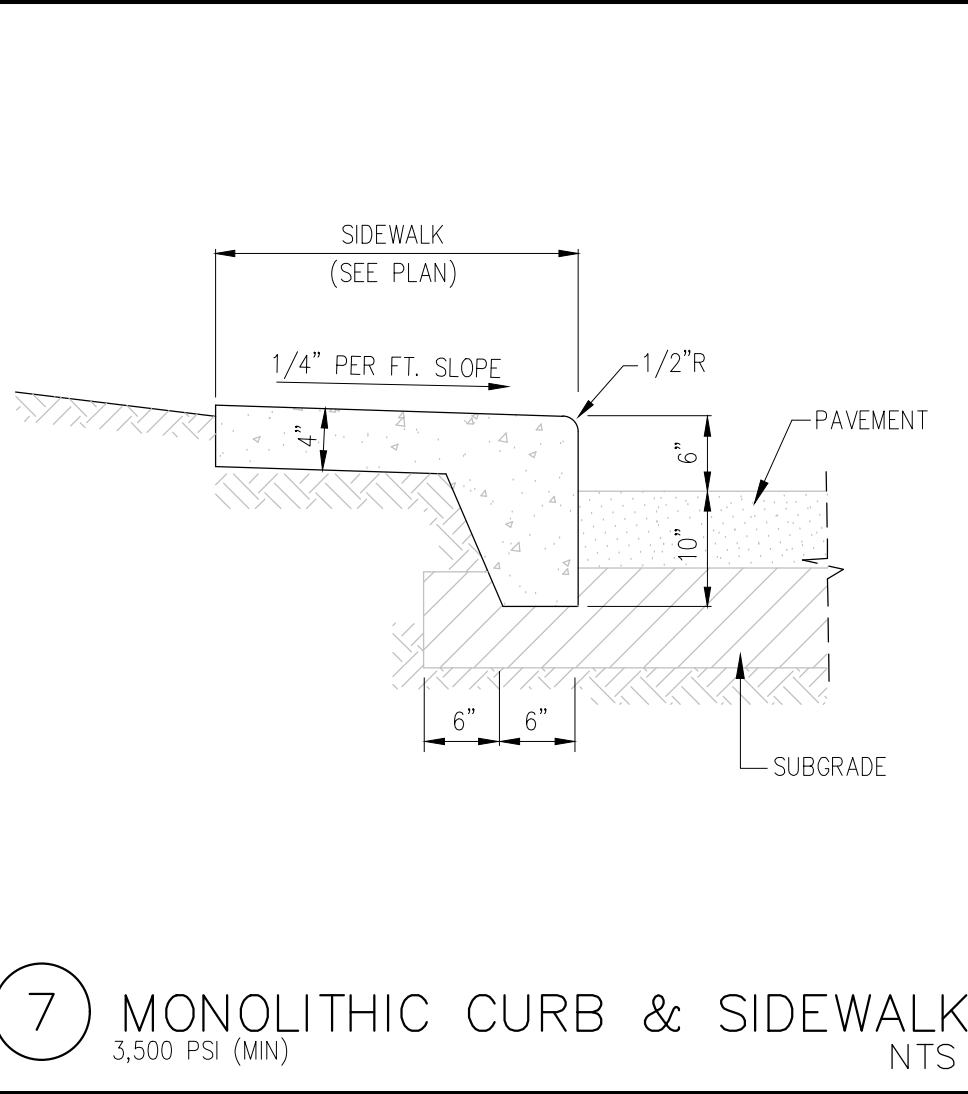
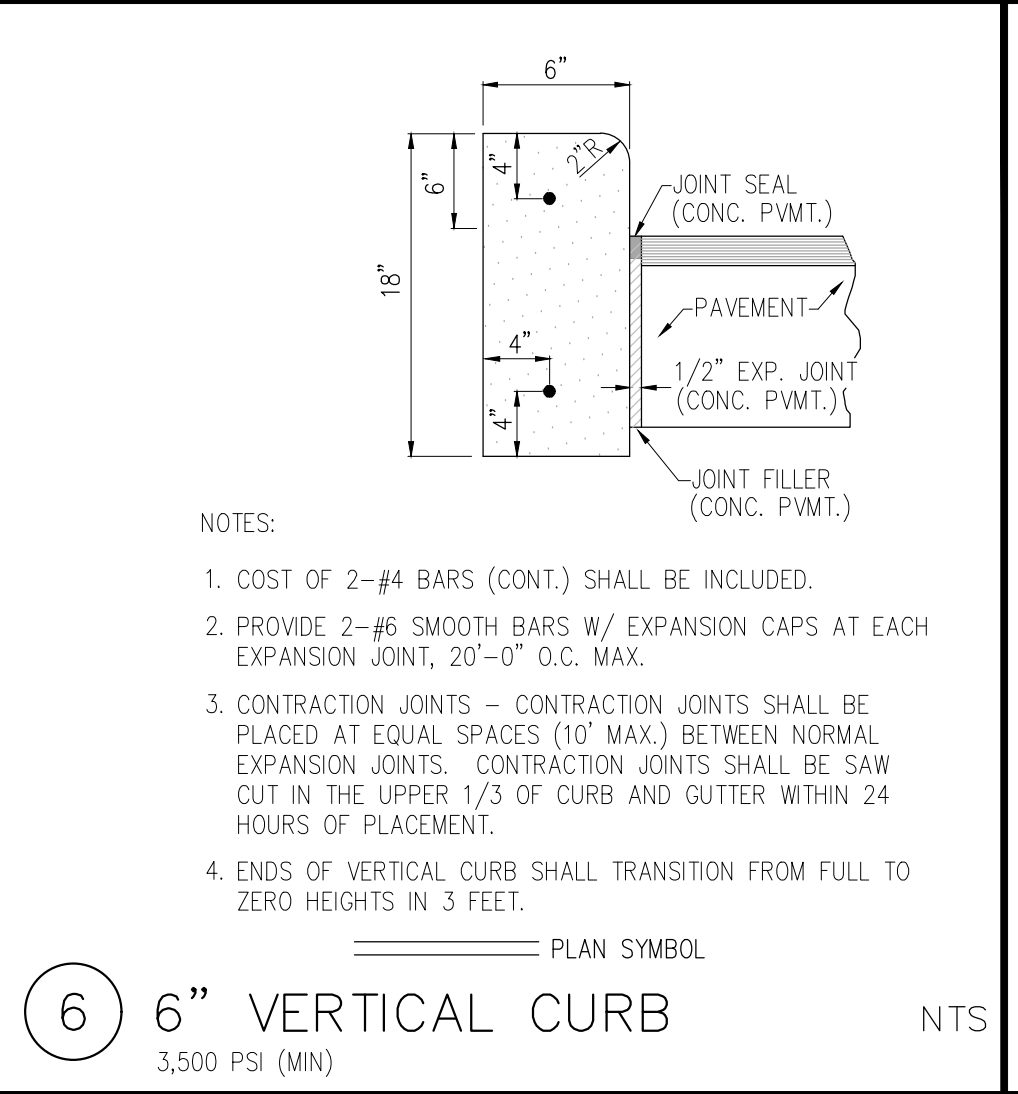
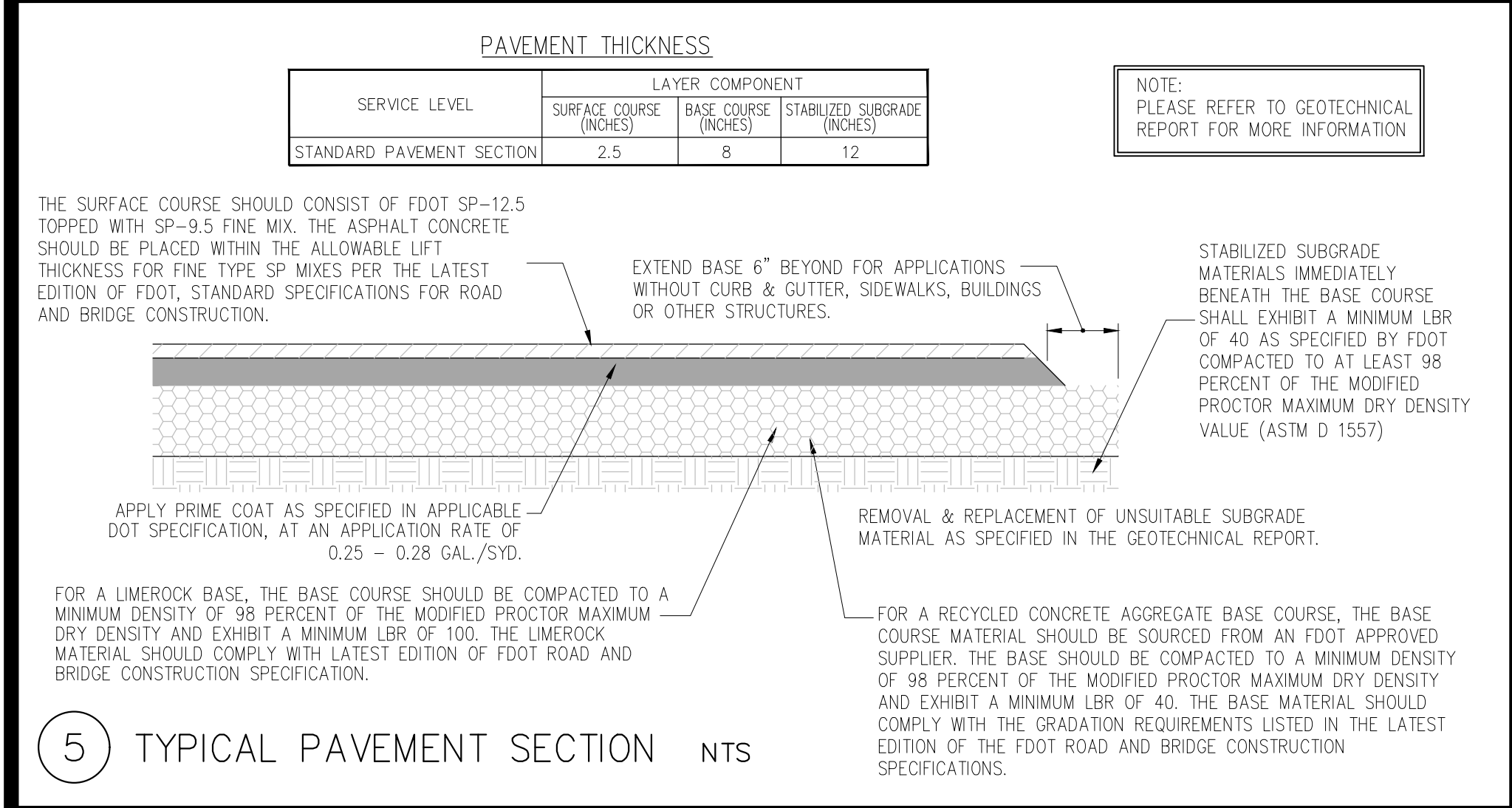
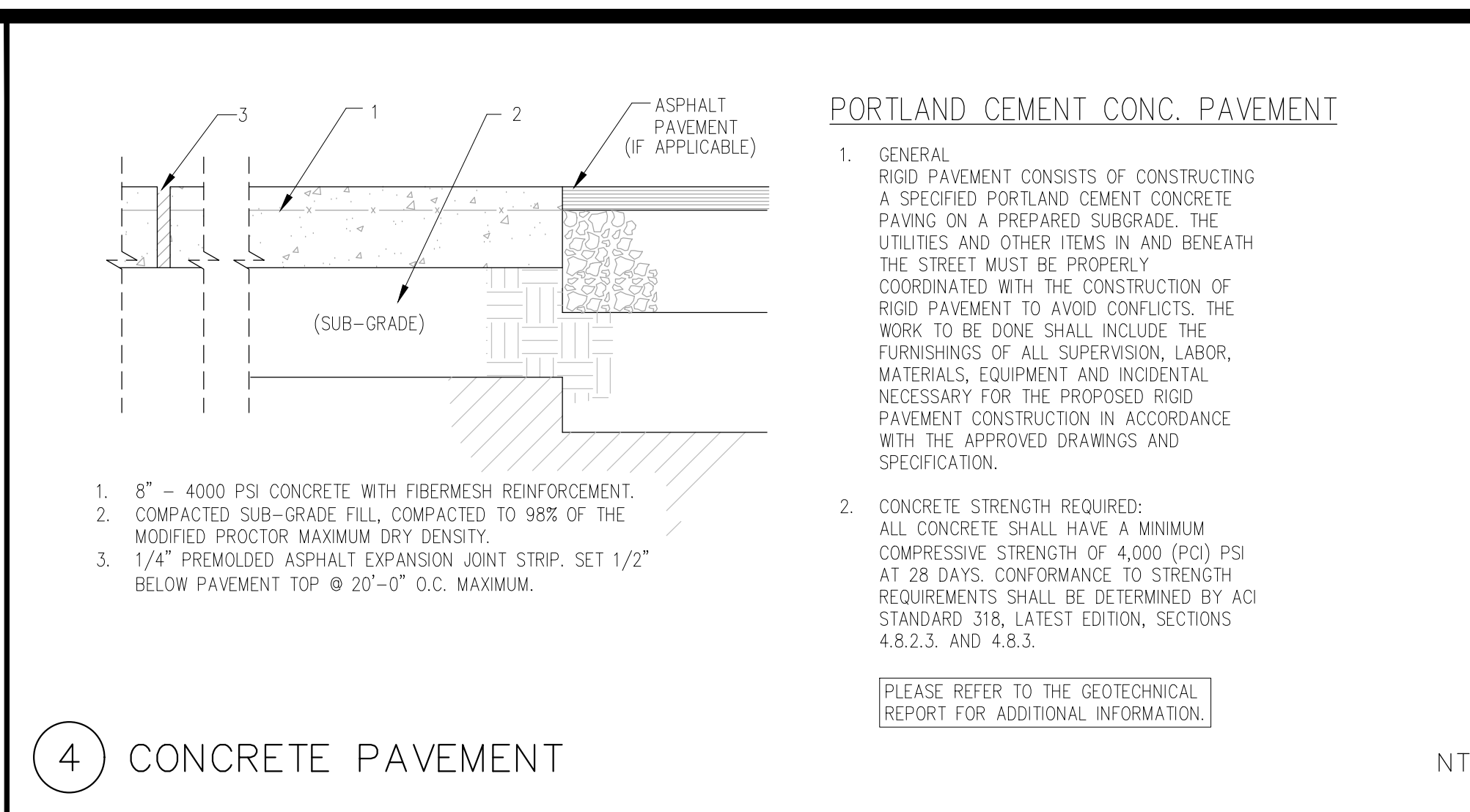
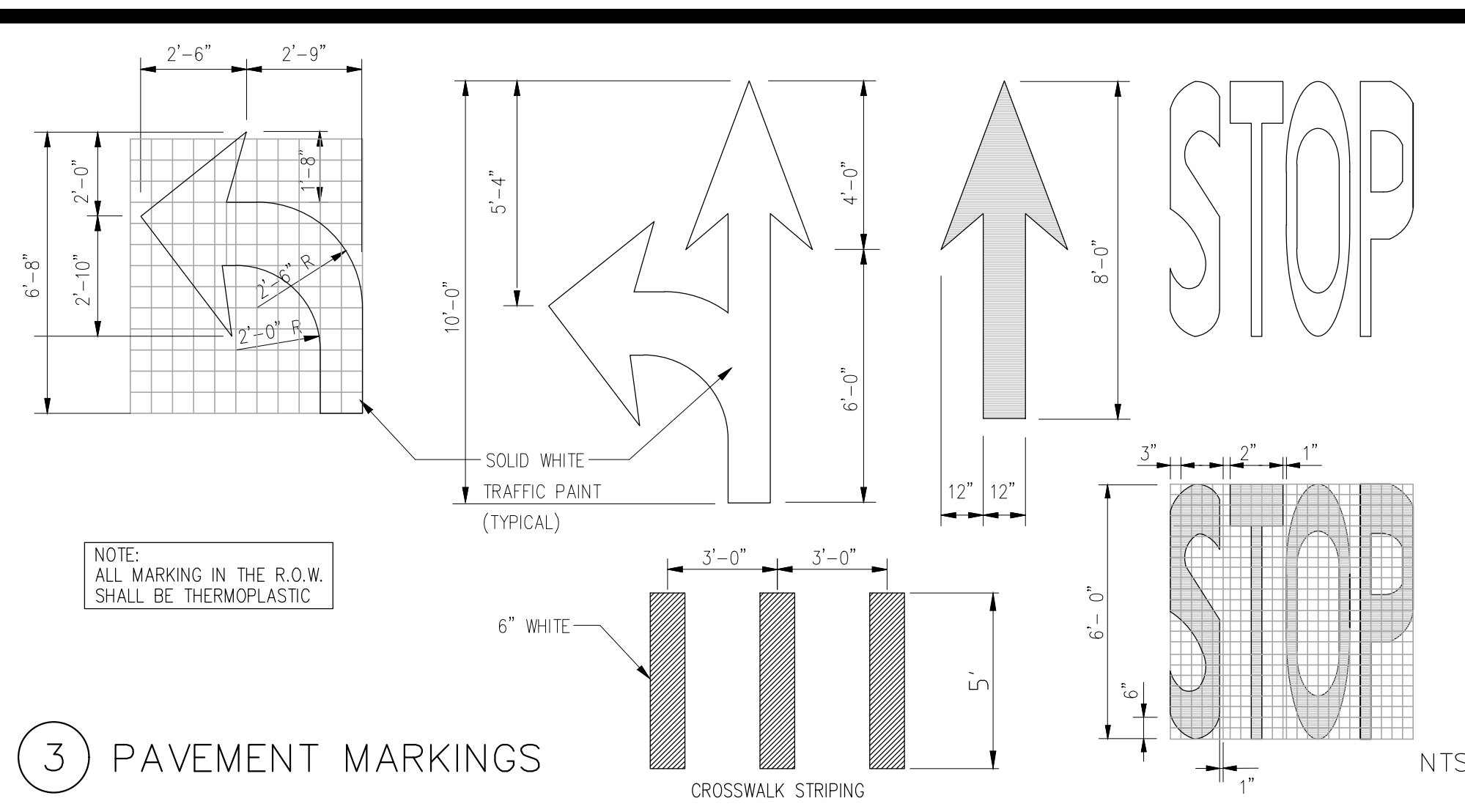
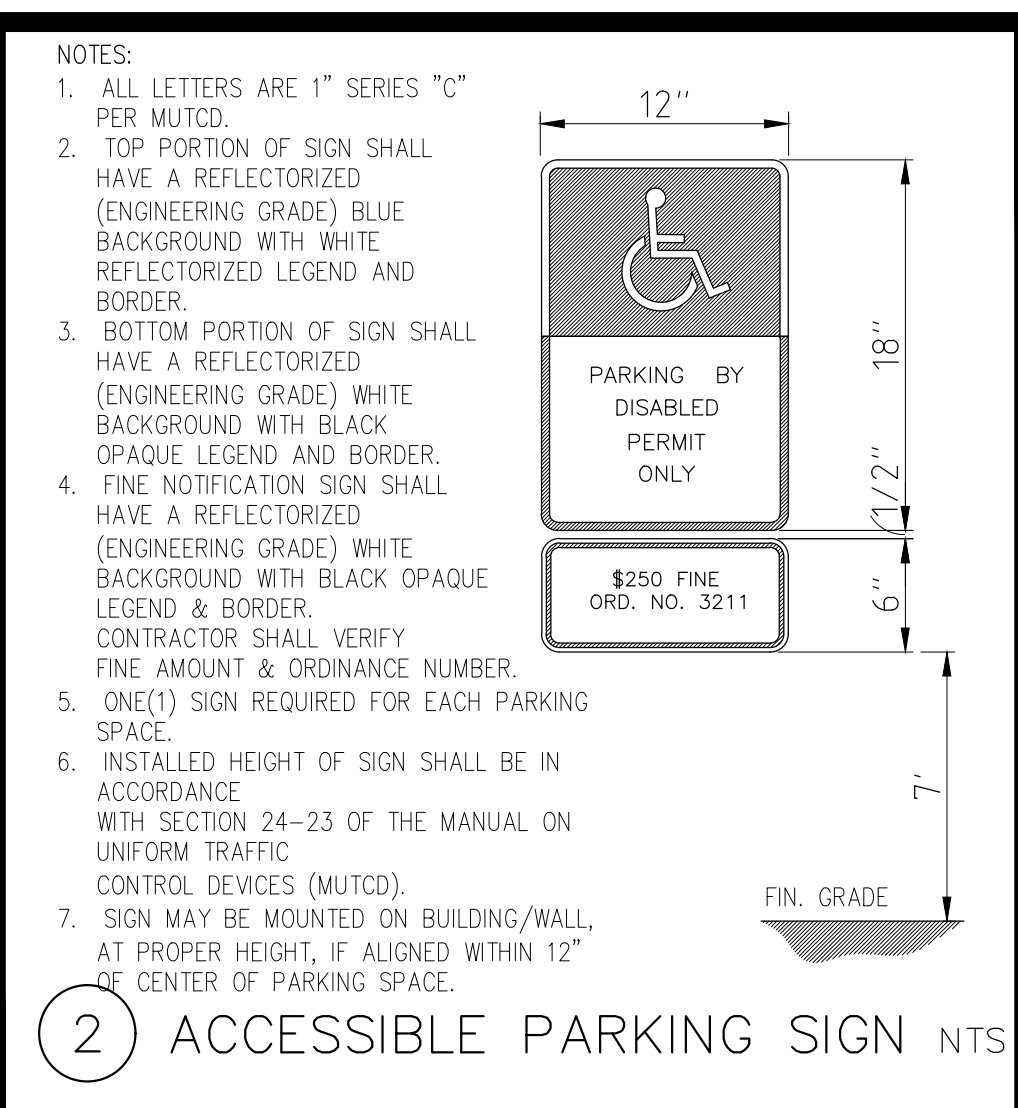
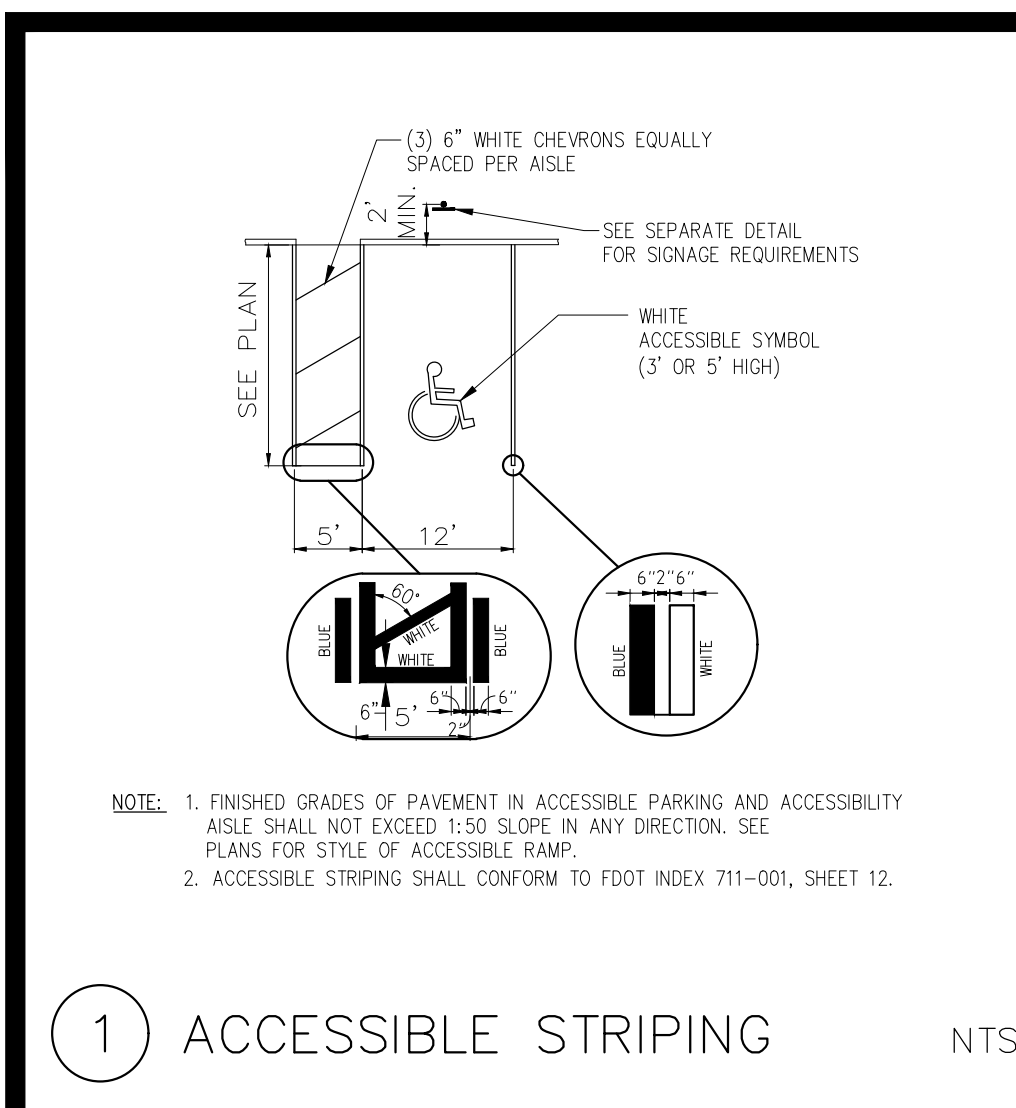
Z DEVELOPMENT SERVICES
 CIVIL ENGINEERING CONSULTANTS
 CA 29354
 1201 E. ROBINSON STREET
 ORLANDO, FL 32801
 PH: (407) 271-8910

DATE	REVISION

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DUTCH BROS COFFEE (FL2701)
 2050 SOUTH US HWY 1
 FORT PIERCE, FLORIDA 34950

DATE: 03/28/25
 DRAWN: RM
 CHECKED: SC
C5
 STORMWATER POLLUTION PREVENTION PLAN
 PROJECT NO.: 2024.166



ZDEVELOPMENT SERVICES
CIVIL ENGINEERING CONSULTANTS
CA 29354
1201 E. ROBINSON STREET
ORLANDO, FL 32801
PH: (407) 271-8910

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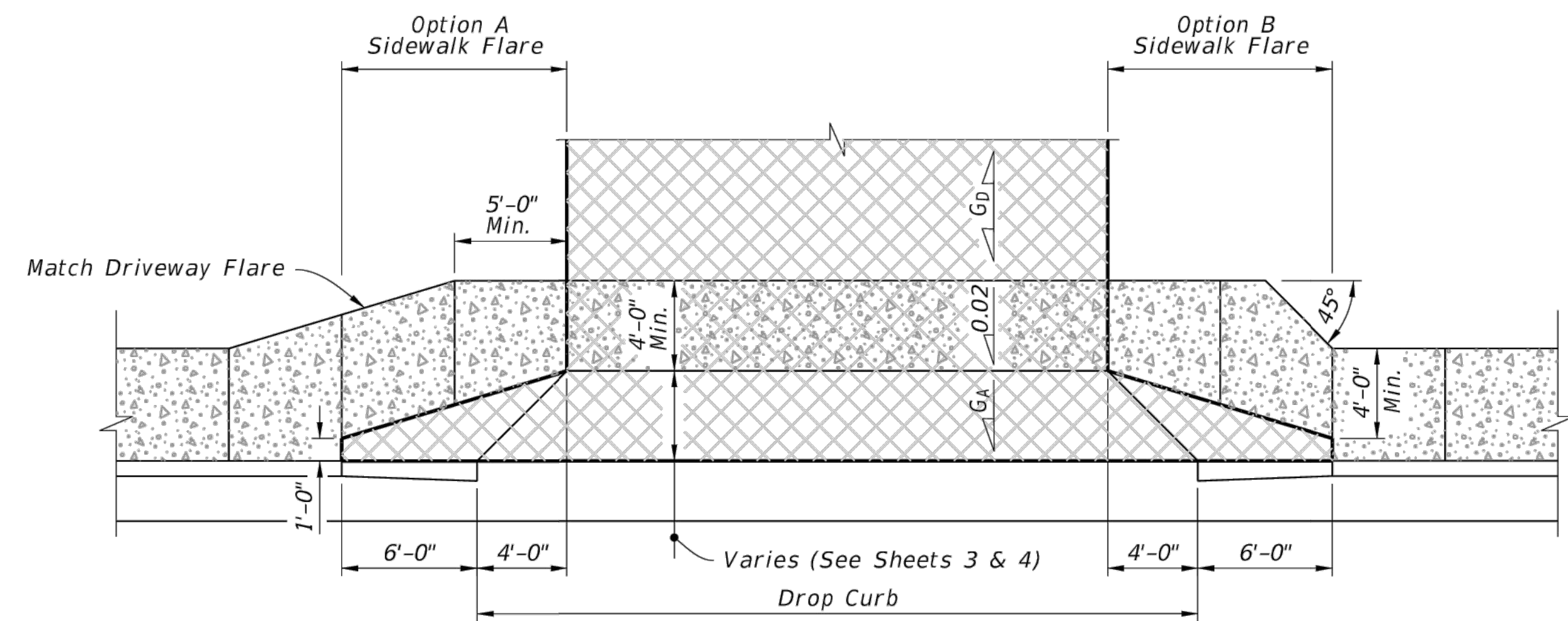
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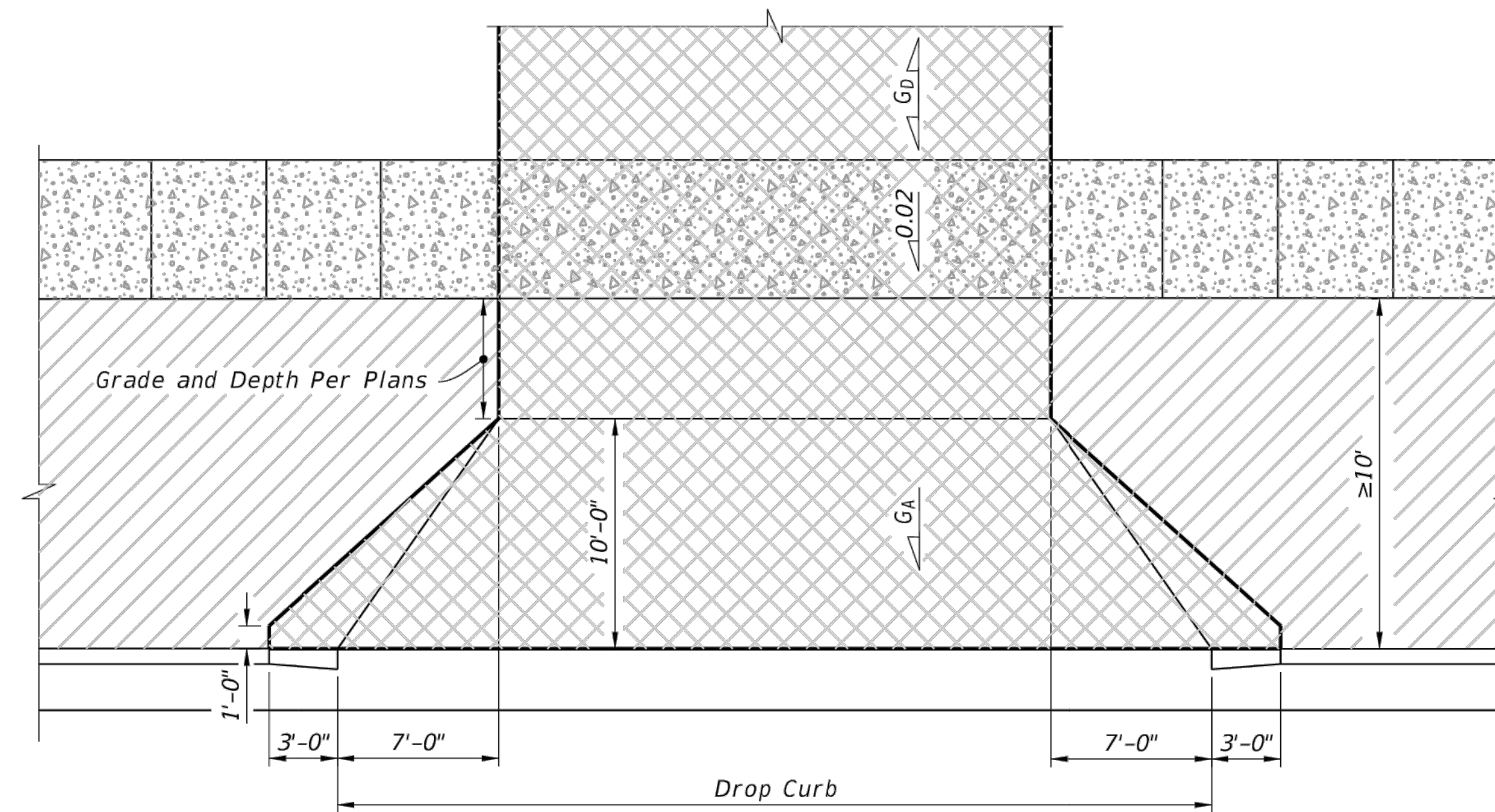
DUTCH BROS COFFEE (FL2701)
2050 SOUTH US HWY 1
FORT PIERCE, FLORIDA 34950

DATE: 03/28/25
DRAWN: RM
CHECKED: SC

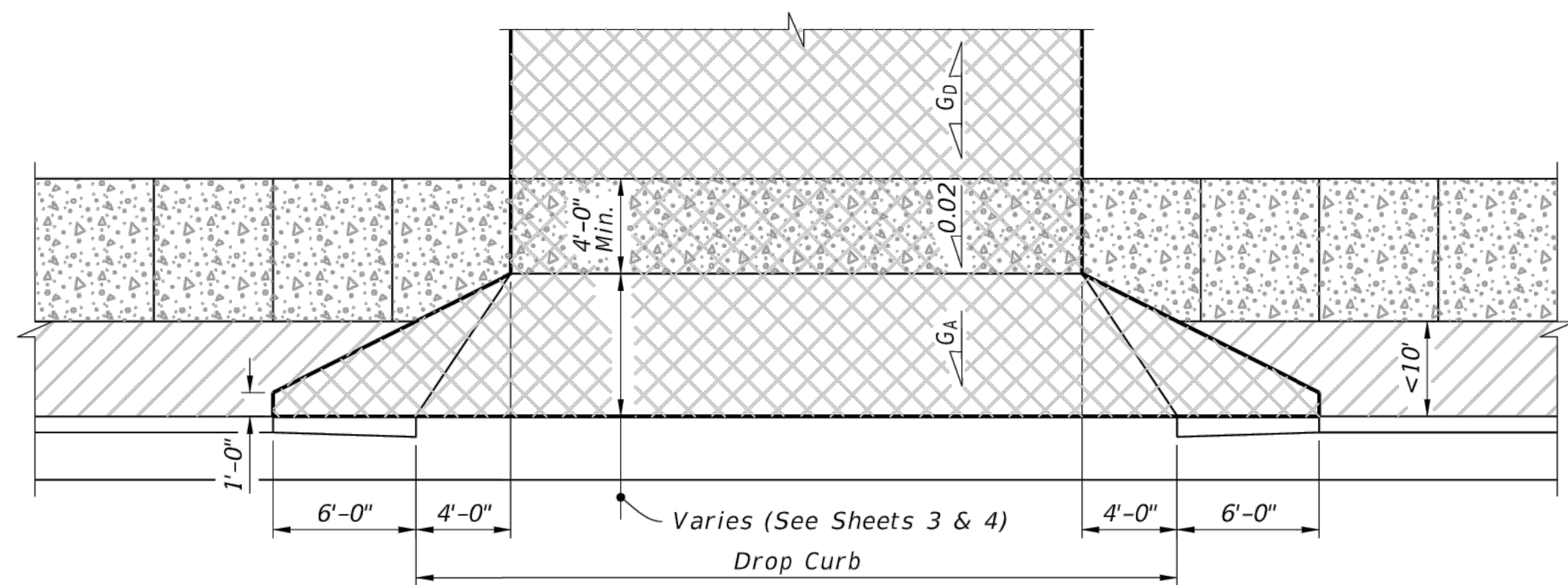
C6
CONSTRUCTION DETAILS
PROJECT NO: 2024.166



SIDEWALK WITHOUT UTILITY STRIP





WITHOUT SIDEWALK OR UTILITY STRIP ≥ 10' WIDE




UTILITY STRIP < 10' WIDE

LEGEND:

-  Sidewalk
-  Flared Driveway (6" Thick Concrete)
-  Sidewalk Thru Driveway (6" Thick Concrete)
-  Utility Strip

10/6/2022 2:15:34 PM

LAST REVISION 11/01/18	REVISION	DESCRIPTION:	 FY 2023-24 STANDARD PLANS	CONCRETE FLARED DRIVEWAYS	INDEX 522-003	SHEET 2 of 4
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1201 E. ROBINSON STREET
ORLANDO, FL 32801
CA 29354
PH: (407) 271-8910

REVISION	DATE

SARAH CULOTTA, P.E.
FL REG. # 87413

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DUTCH BROS COFFEE (FL2701)
2050 SOUTH US HWY 1
FORT PIERCE, FLORIDA 34950

DATE: 03/28/25
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C9
FDOT DETAIL

PROJECT NO.: 2024.166