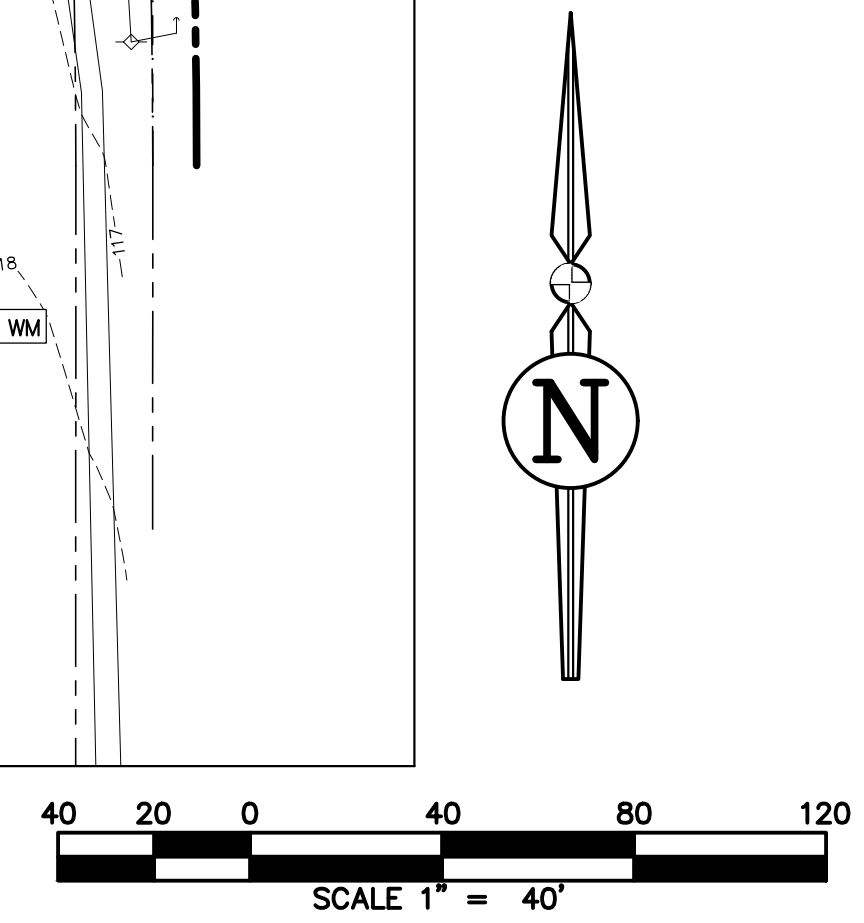


WWCO	TOP EL	INV EL
WWCO-01A	121.65	117.65
WWCO-01B	120.84	117.42
WWCO-02	122.85	117.36
WWCO-04	126.15	121.15
WWCO-05	128.22	123.23
WWCO-06	120.38	117.00
WWCO-07	125.44	120.56
WWCO-08	125.44	122.00
WWCO-09	127.70	123.00
WWCO-10	128.32	123.32
WWCO-11	127.86	122.91
WWCO-12	128.02	122.52
WWCO-13	129.94	126.50

UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SIZE & MATERIAL	LENGTH	SLOPE
WWCO-01A	WYE	6" PVC	40'	0.60%
WWCO-01B	WWMH-09	6" PVC	27'	6.47%
WWCO-02	WYE	6" PVC	33'	4.82%
WWCO-03	WWMH-06	6" PVC	35'	5.60%
WWCO-04	WYE	6" PVC	23'	5.12%
WWCO-05	WWMH-05	6" PVC	26'	2.01%
WWCO-06	WWMH-10	6" PVC	50'	3.37%
WWCO-07	WWMH-04	6" PVC	40'	0.85%
WWCO-08	WWMH-02	6" PVC	74'	0.61%
WWCO-09	WWMH-02	6" PVC	30'	4.80%
WWCO-10	WYE	6" PVC	12'	22.02%
WWCO-11	WYE	6" PVC	38'	8.49%
WWCO-12	WWMH-11	6" PVC	45'	18.08%
WWCO-13	WWMH-01	6" PVC	33'	13.23%
WWCO-18	WWMH-10	6" PVC	69'	1.01%
WWMH-01	WWMH-02	8" PVC	114'	0.40%
WWMH-02	WWMH-03	8" PVC	136'	0.40%
WWMH-03	WWMH-04	8" PVC	146'	0.40%
WWMH-04	WWMH-06	8" PVC	231'	0.40%
WWMH-05	WWMH-06	8" PVC	138'	2.48%
WWMH-06	WWMH-07	8" PVC	153'	1.35%
WWMH-07	WWMH-08	8" PVC	150'	0.40%
WWMH-08	WWMH-09	8" PVC	141'	0.40%
WWMH-09	EX WWMH-01	8" PVC	84'	0.40%
WWMH-10	WWMH-11	8" PVC	133'	0.52%
WWMH-11	WWMH-12	8" PVC	385'	0.40%

- WATER FITTING SCHEDULE**
- CONNECT TO EXISTING 12" DIP WM
CONTRACTOR SHALL VERIFY LOCATION OF EX. WM.
EXTEND PROPOSED WM AS NECESSARY FOR CONNECTION.
ADDITIONALLY CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION, MOT, AND RESTORATION.
1 - 12"x12" WET TAP
1 - 12" GATE VALVE AND BOX
 - 8" PVC OR CLDIP 45° RESTRAINED BEND
 - 8" PVC OR CLDIP 22.5° RESTRAINED BEND
 - 8" PVC OR CLDIP 11.25° RESTRAINED BEND
 - 8" TEE W/ MECHANICAL RESTRAINT
3 - 8" GATE VALVE AND BOX
 - METER ASSEMBLY PER GRU DETAIL W-9.0
1 - 8" COMPOUND F2 METER
1 - END OF GRU MAINTENANCE
 - FH ASSEMBLY PERPENDICULAR TO MAIN
1 - 8"x6" CLDI TEE
1 - 6" CLDI ANCHOR 90° BEND/MJ
1 - 6" GATE VALVE AND BOX
1 - 6" ANCHOR COUPLING (SWIVEL AND SOLID)
 - 8"x2" SADDLE (OR TAPPED TEE)
1 - 2" GATE VALVE AND BOX
 - 8"x4" TEE W/ MECHANICAL RESTRAINT
1 - 4" GATE VALVE AND BOX
 - 8" CLDI (PVC TO DIP) TRANSITION COUPLING
 - 20' LENGTH OF 8" CLDIP WM
1 - 8" CLDI (PVC TO DIP) TRANSITION COUPLING
 - 8" GATE VALVE AND BOX
1 - 3" BLOW OFF ASSEMBLY AND SAMPLE POINT
 - 8" PVC OR CLDIP 90° RESTRAINED BEND
 - 8"x6" TEE W/ MECHANICAL RESTRAINT
1 - 6" GATE VALVE AND BOX
1 - 6" CAP
 - 8"x2" SADDLE (OR TAPPED TEE)
1 - 2" GATE VALVE AND BOX
1 - 2" CAP
 - 8"x4" PVC OR CLDIP REDUCER
 - 4"x2" PVC OR CLDIP REDUCER
 - 4" PVC OR CLDIP 90° RESTRAINED BEND
 - 4"x2" TEE W/ MECHANICAL RESTRAINT
1 - 2" GATE VALVE AND BOX
 - 4" GATE VALVE AND BOX
1 - 3" BLOW OFF ASSEMBLY AND SAMPLE POINT
 - 2" PVC OR CLDIP 90° RESTRAINED BEND
1 - 2" GATE VALVE AND BOX
 - 4" PVC OR CLDIP 45° RESTRAINED BEND
 - 4"x4" TEE W/ MECHANICAL RESTRAINT
1 - 4" GATE VALVE AND BOX
 - 8" PVC OR CLDIP 90° RESTRAINED BEND
 - 8" PVC OR CLDIP 45° RESTRAINED BEND
 - 8" RPB PER GRU DETAIL W-10.2

PRE TREATMENT BASIN 2
 1.24 AC
 TOP EL = 120.00
 BOTTOM EL = 117.25
 CRIT. STRM. FL. = 119.48



REVISIONS			
NO.	DATE	DESCRIPTION	DRWN/ APPR

ENGINEER OF RECORD:
LOGAN B. PETERS, P.E.
 FLORIDA LICENSE NO. 88516

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SHEET TITLE:
UTILITY CROSSING PLAN (SOUTH)
 CLIENT:
FICKLING AND CO.
 MACON, GA

PROJECT:
LULLWATER AT FORT CLARKE BLVD

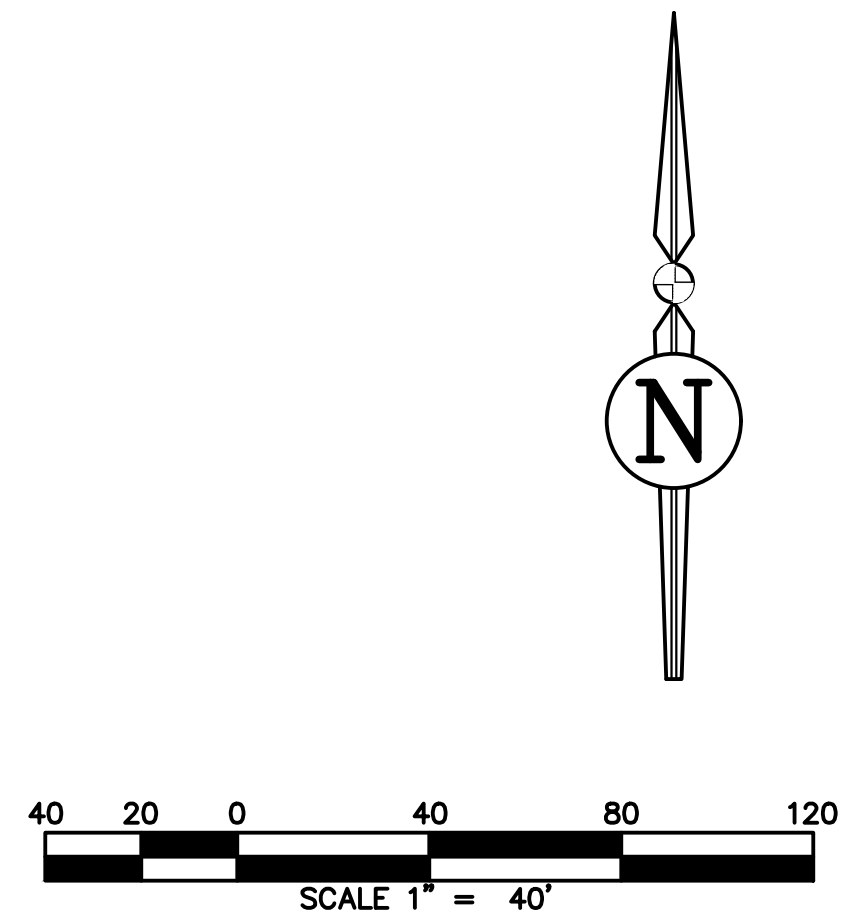
DATE:
AUGUST 2023
 PROJECT NO:
403-19-01
 SHEET NO:
C6.1



WWCO	TOP EL	INV EL
WWCO-06	120.38	117.00
WWCO-12	128.02	122.52
WWCO-15	130.84	125.27
WWCO-16	127.86	122.86
WWCO-17	125.09	120.09
WWCO-18	116.53	116.00
WWCO-19	120.30	115.00
WWCO-21	116.84	111.84
WWCO-22	115.13	110.13

UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	SIZE & MATERIAL	LENGTH	SLOPE
WWCO-06	WWMH-10	6" PVC	50'	3.37%
WWCO-12	WWMH-11	6" PVC	45'	18.08%
WWCO-15	WYE	6" PVC	82'	12.15%
WWCO-15A	WWMH-13	4" PVC	65'	5.91%
WWCO-16	WYE	6" PVC	27'	41.51%
WWCO-17	WYE	6" PVC	27'	29.10%
WWCO-18	WWMH-10	6" PVC	69'	1.01%
WWCO-19	WYE	6" PVC	74'	3.72%
WWCO-21	WYE	6" PVC	13'	17.49%
WWCO-22	WYE	6" PVC	21'	5.84%
WWMH-10	WWMH-11	8" PVC	133'	0.52%
WWMH-11	WWMH-12	8" PVC	385'	0.40%
WWMH-12	WWMH-13	8" PVC	262'	0.40%
WWMH-13	WWMH-14	8" PVC	284'	0.40%
WWMH-14	WWMH-15	8" PVC	216'	2.45%
WWMH-15	WWMH-16	8" PVC	356'	4.50%

- WATER FITTING SCHEDULE**
- ① - CONNECT TO EXISTING 12" DIP WM
CONTRACTOR SHALL VERIFY LOCATION OF EX. WM.
EXTEND PROPOSED WM AS NECESSARY FOR CONNECTION.
ADDITIONALLY CONTRACTOR SHALL BE RESPONSIBLE FOR
EXCAVATION, MOT, AND RESTORATION.
1 - 12"x12" WET TAP
1 - 12" GATE VALVE AND BOX
 - ② - 8" PVC OR CLDIP 45° RESTRAINED BEND
 - ③ - 8" PVC OR CLDIP 22.5° RESTRAINED BEND
 - ④ - 8" PVC OR CLDIP 11.25° RESTRAINED BEND
 - ⑤ - 8" TEE W/ MECHANICAL RESTRAINT
3 - 8" GATE VALVE AND BOX
 - ⑥ - METER ASSEMBLY PER GRU DETAIL W-9.0
1 - 8" COMPOUND F2 METER
1 - END OF GRU MAINTENANCE
 - ⑦ - FH ASSEMBLY PERPENDICULAR TO MAIN
1 - 8"x6" CLDI TEE
1 - 6" CLDI ANCHOR 90° BEND, MJ
1 - 6" GATE VALVE AND BOX
1 - 6" ANCHOR COUPLING (SWIVEL AND SOLID)
 - ⑧ - 8"x2" SADDLE (OR TAPPED TEE)
1 - 2" GATE VALVE AND BOX
 - ⑨ - 8"x4" TEE W/ MECHANICAL RESTRAINT
1 - 4" GATE VALVE AND BOX
 - ⑩ - 8" CLDI (PVC TO DIP) TRANSITION COUPLING
 - ⑪ - 20' LENGTH OF 8" CLDIP WM
1 - 8" CLDI (PVC TO DIP) TRANSITION COUPLING
 - ⑫ - 8" GATE VALVE AND BOX
1 - 3" BLOW OFF ASSEMBLY AND SAMPLE POINT
 - ⑬ - 8" PVC OR CLDIP 90° RESTRAINED BEND
 - ⑭ - 8"x6" TEE W/ MECHANICAL RESTRAINT
1 - 8" GATE VALVE AND BOX
1 - 6" CAP
 - ⑮ - 8"x2" SADDLE (OR TAPPED TEE)
1 - 2" GATE VALVE AND BOX
1 - 2" CAP
 - ⑯ - 8"x4" PVC OR CLDIP REDUCER
 - ⑰ - 4"x2" PVC OR CLDIP REDUCER
 - ⑱ - 4" PVC OR CLDIP 90° RESTRAINED BEND
 - ⑲ - 4"x2" TEE W/ MECHANICAL RESTRAINT
1 - 2" GATE VALVE AND BOX
 - ⑳ - 4" GATE VALVE AND BOX
1 - 3" BLOW OFF ASSEMBLY AND SAMPLE POINT
 - ㉑ - 2" PVC OR CLDIP 90° RESTRAINED BEND
1 - 2" GATE VALVE AND BOX
 - ㉒ - 6" FIRE DEPARTMENT CONNECTION
1 - 8"x6" SADDLE AND TEE (OR TAPPED TEE)
1 - 6" GATE VALVE & BOX
 - ㉓ - 2" PVC OR CLDIP 90° RESTRAINED BEND
 - ㉔ - 2" PVC OR CLDIP 45° RESTRAINED BEND
 - ㉕ - 4" PVC OR CLDIP 45° RESTRAINED BEND
 - ㉖ - 4"x4" TEE W/ MECHANICAL RESTRAINT
1 - 4" GATE VALVE AND BOX
 - ㉗ - 8" PVC OR CLDIP 90° RESTRAINED BEND
 - ㉘ - 8" PVC OR CLDIP 45° RESTRAINED BEND



NO.	DATE	DESCRIPTION	DRWN	APPR

ENGINEER OF RECORD: LOGAN B. PETERS, P.E.
FLORIDA LICENSE NO. 88516

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SHEET TITLE: **UTILITY CROSSING PLAN (NORTH)**

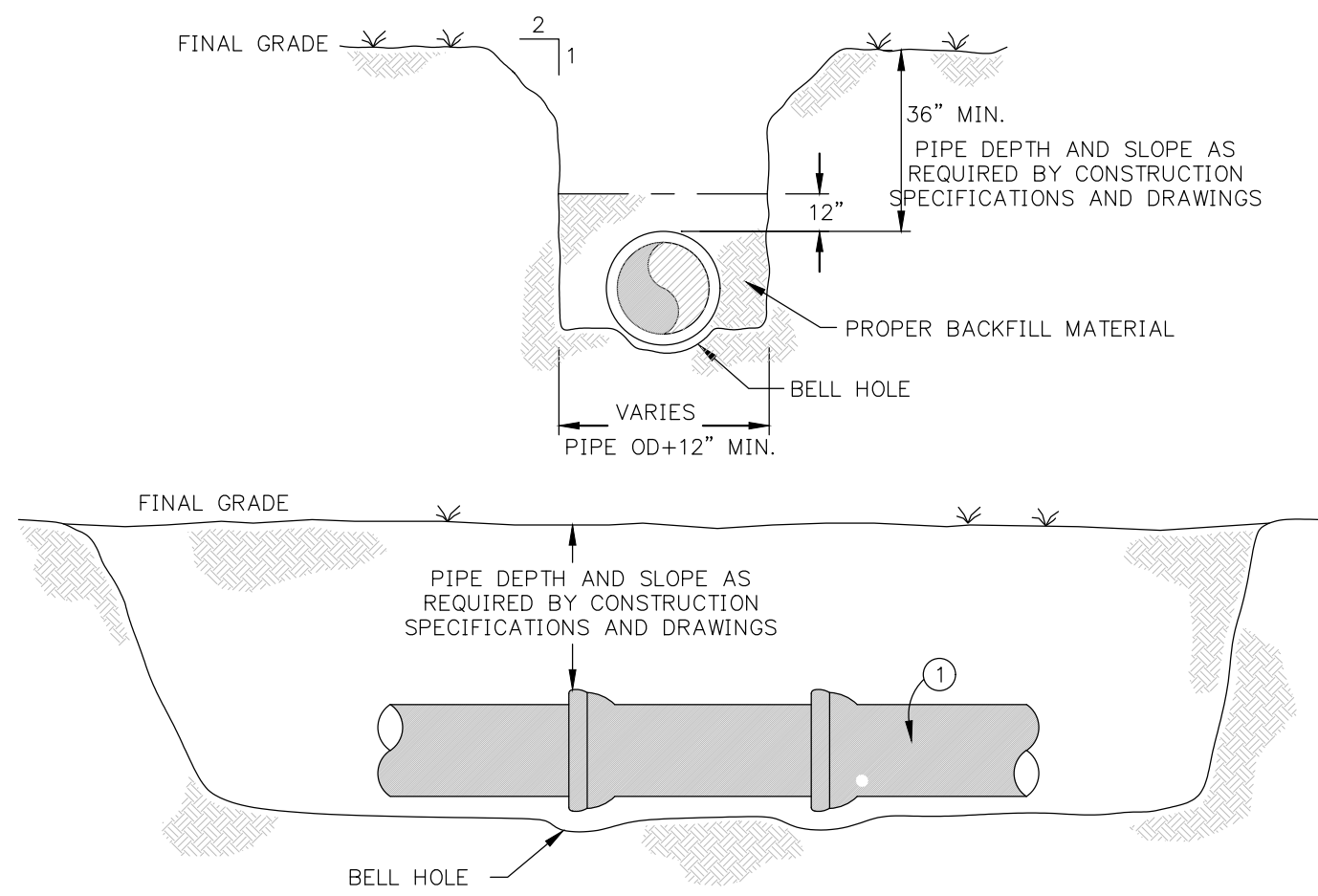
CLIENT: **FICKLING AND CO.
MACON, GA**

PROJECT: **LULLWATER AT FORT
CLARKE BLVD**

DATE: **AUGUST 2023**

PROJECT NO: **403-19-01**

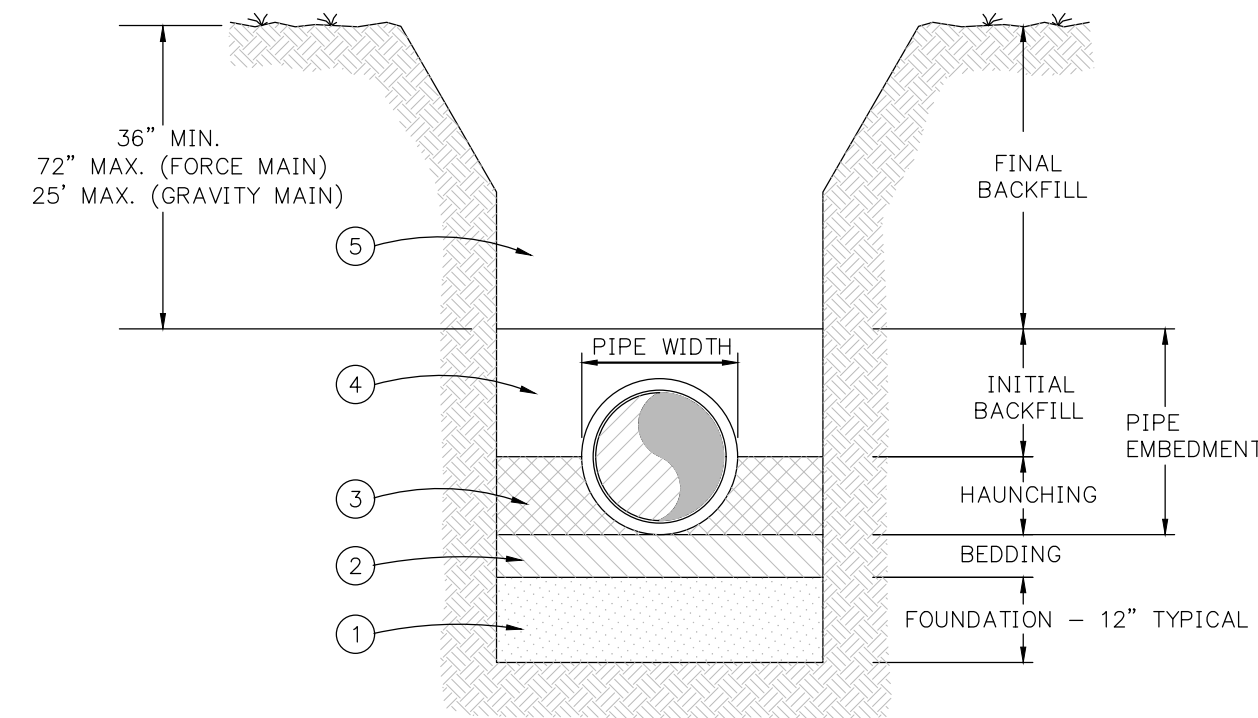
SHEET NO: **C6.2**



MATERIALS	
ITEM	DESCRIPTION
1	GRAVITY SEWER MAIN PIPE

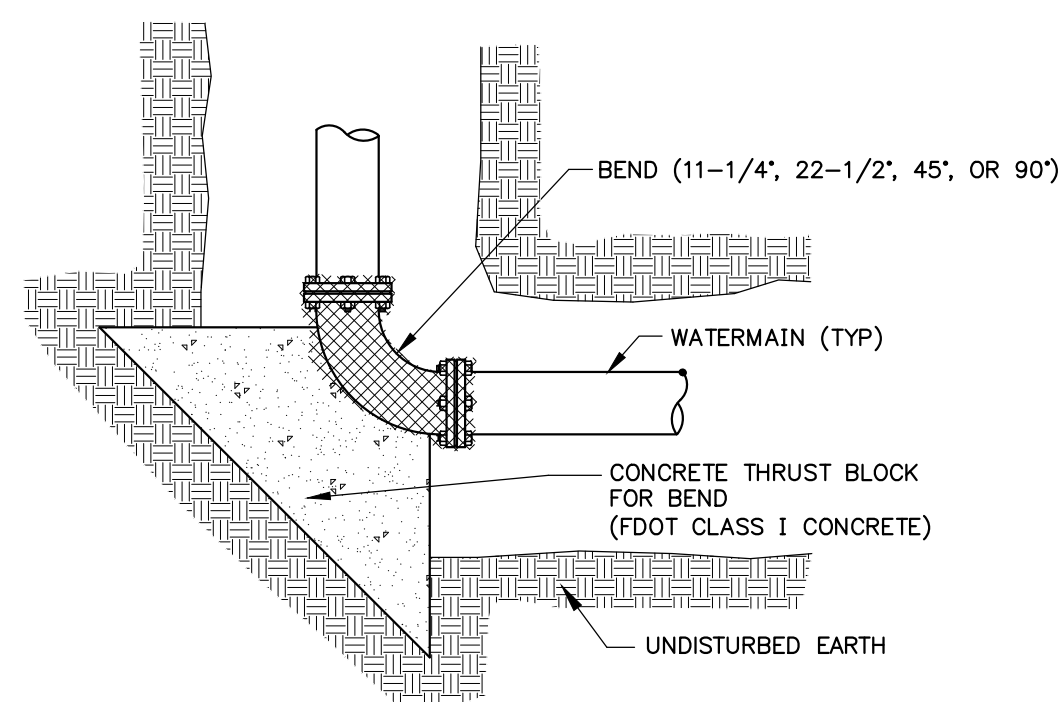
- NOTES:
- GRAVITY MAIN PIPE SHALL BE INSTALLED AT THE LINE AND GRADE AS SHOWN ON THE APPROVED CONSTRUCTION DRAWINGS.
 - PIPE MATERIAL SHALL CONFORM TO AWWA STANDARDS.

WASTEWATER GRAVITY MAIN CONSTRUCTION

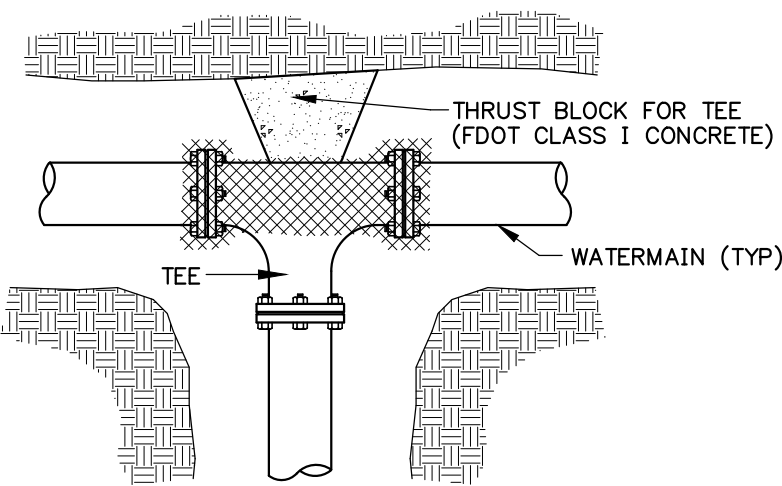


- NOTES:
- A FOUNDATION MAY BE REQUIRED IN VERY POOR SOIL CONDITIONS. FIELD DETERMINATION WILL BE PROVIDED BY CITY OF NEWBERRY INSPECTOR. TYPICAL FOUNDATION THICKNESS SHALL BE 12", BUT MAY VARY ACCORDING TO NATURAL MATERIAL.
 - BEDDING IS REQUIRED PRIMARILY TO BRING THE TRENCH BOTTOM UP TO GRADE. BEDDING MATERIALS SHALL PROVIDE A UNIFORM AND ADEQUATE LONGITUDINAL SUPPORT UNDER THE PIPE. IN DRY SOIL CONDITIONS CLASS II OR CLASS III MATERIAL SHALL BE HAND PLACED 4" TO 6", LIGHTLY COMPACTED, UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. IN WET SOIL CONDITIONS CLASS I, CLASS II OR CLASS III SHALL BE HAND PLACED, 4" TO 6", UNIFORM AND NOT FINER THAN THE FOUNDATION MATERIAL. WHEN UTILIZING CLASS I MATERIAL, SUFFICIENT AMOUNTS OF CLASS II OR CLASS III MATERIAL SHALL BE ADDED TO FILL ALL VOIDS CREATED BY THE CLASS I MATERIAL. HAUNCHING MATERIAL SHALL BE HAND PLACED TO THE SPRINGLINE OF THE PIPE. CLASS II OR
 - CLASS III MATERIAL SHALL BE CONSOLIDATED UNDER THE PIPE AND HAND TAMPED TO PROVIDE ADEQUATE SIDE SUPPORT.
 - INITIAL BACKFILL MATERIAL SHALL BE CLASS II OR CLASS III. IT SHALL BE HAND PLACED TO 12" ABOVE THE TOP OF THE PIPE. THE SOIL SHALL BE CONSOLIDATED BY HAND TAMPING OR WALKING THE SOIL IN PLACE.
 - FINAL BACKFILL MATERIAL MAY BE MACHINE PLACED. THE MATERIAL SHALL BE CLASS II OR CLASS III MATERIAL. CLASS IV MATERIAL MAY BE INSTALLED OUTSIDE OF THE ROADWAY. FINAL BACKFILL UNDER ROADWAYS MAY REQUIRE SPECIAL COMPACTION AND DENSITY TESTS.

BACKFILLING REQUIREMENTS



THRUST BLOCK @ BEND
NTS

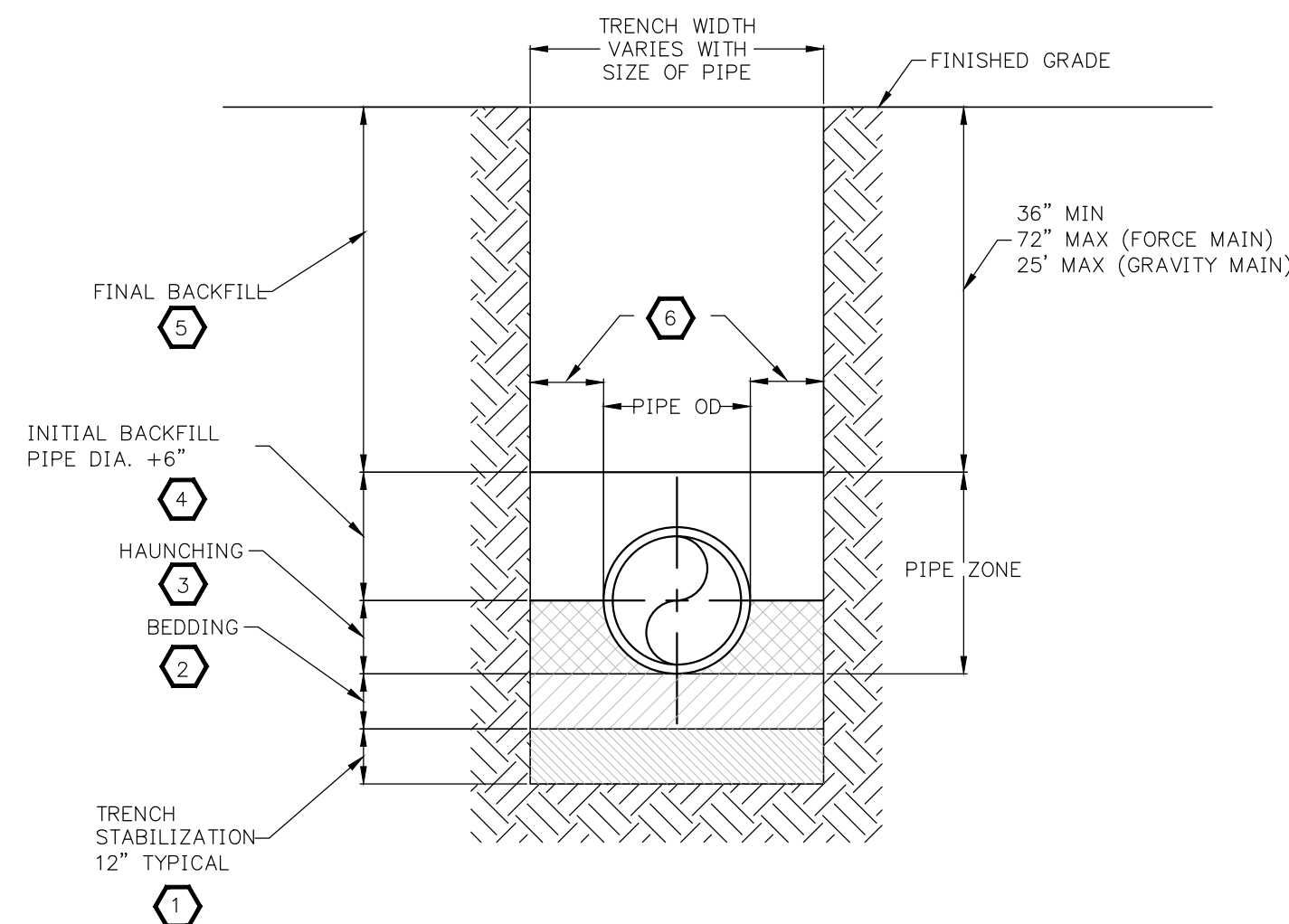


THRUST BLOCK @ TEE

- GENERAL NOTE(S):
- WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
 - ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
 - DEPTH FOR REMOVAL OF UNSUITABLE MATERIAL SHALL GOVERN DEPTH OF BEDDING ROCK BELOW THE PIPE. UTILITIES SHALL DETERMINE IN THE FIELD REQUIRED REMOVAL OF UNSUITABLE MATERIAL TO REACH SUITABLE FOUNDATION. THE BOTTOM OF THE TRENCH SHALL NOT BE EXCAVATED BELOW THE SPECIFIED GRADE. IF UNDERCUTTING OCCURS, THE BOTTOM OF THE TRENCH SHALL BE BROUGHT UP TO THE ORIGINAL GRADE WITH APPROVED MATERIAL AND THOROUGHLY COMPACTED TO A MINIMUM OF 95% MODIFIED PROCTOR.
 - FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES.

- KEYED NOTE(S):
- TRENCH STABILIZATION SHALL BE PROVIDED TO A DEPTH OF 12-INCHES. THE MATERIAL SHALL BE NO. 57 STONE.
 - BEDDING SHALL BE A MINIMUM OF 6-INCHES AND COMPOSED OF IMPORTED GRANULAR FILL. COMPACT TO 95% STANDARD PROCTOR, AASHTO T-99.
 - HAUNCHING PORTION OF THE PIPE ZONE SHALL BE PLACED TO THE SPRINGLINE OF THE PIPE AND COMPOSED OF IMPORTED GRANULAR FILL. COMPACT TO 95% STANDARD PROCTOR AASHTO T-99.
 - INITIAL BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. FROM THE SPRINGLINE OF THE PIPE TO TWO (2) FEET ABOVE THE PIPE THE SOIL SHALL BE CAREFULLY BACKFILLED IN 6-INCH LIFTS AND THE SOIL CONSOLIDATED WITH THE HAND OPERATED TAMPING MACHINE (OR AS REQUIRED BY CITY, COUNTY, OR STATE INSPECTORS).
 - FINAL BACKFILL: COMMON FILL COMPACTED TO 95% (98% UNDER PAVEMENT) OF THE MAXIMUM DENSITY AS PER AASHTO T-180. AFTER PLACEMENT AND COMPACTION OF THE INITIAL BACKFILL, THE BALANCE OF THE BACKFILL MATERIAL MAY BE MACHINE PLACED OR AS REQUIRED BY THE INSPECTOR AND SHALL NOT CONTAIN ANY ROCKS OR DEBRIS.
 - 12" MINIMUM

BEDDING AND TRENCHING DETAIL
NTS



c:\A\03-19-01 - Fickling - App\Inverts - Fort Clarke Blvd\Production\Civil\Sheet\C6.4 - UTILITY DETAILS AND NOTES.dwg - 8/22/2023 11:17:11 PM - jbsk - AutoCAD

REVISIONS				
NO.	DATE	DESCRIPTION	DRWN	APPR

ENGINEER OF RECORD:	LOGAN B. PETERS, P.E. FLORIDA LICENSE NO. 88516
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SHEET TITLE: **UTILITY DETAILS AND NOTES**

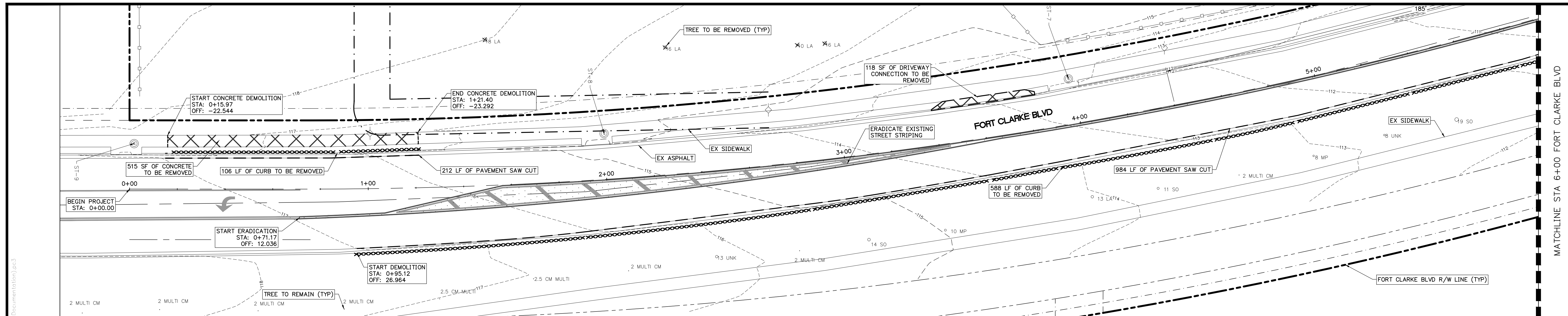
CLIENT: **FICKLING AND CO.
MACON, GA**

PROJECT: **LULLWATER AT FORT
CLARKE BLVD**

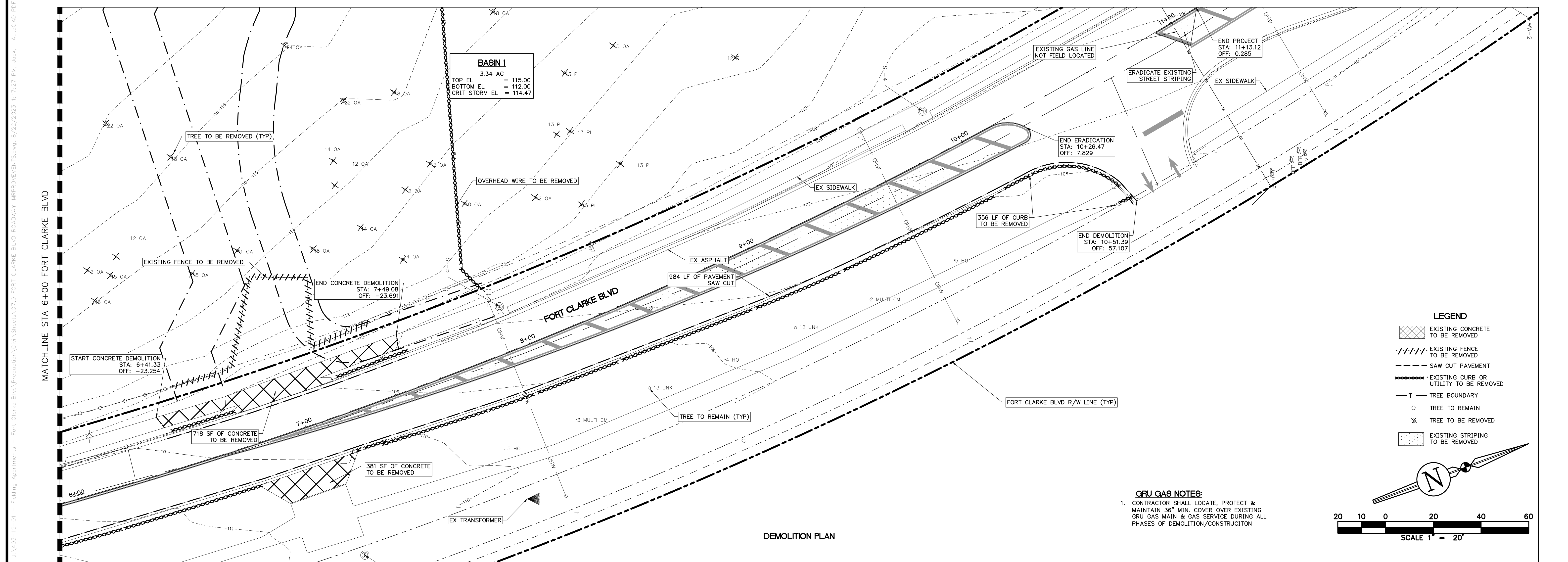
DATE: **AUGUST 2023**

PROJECT NO: **403-19-01**

SHEET NO: **C6.4**



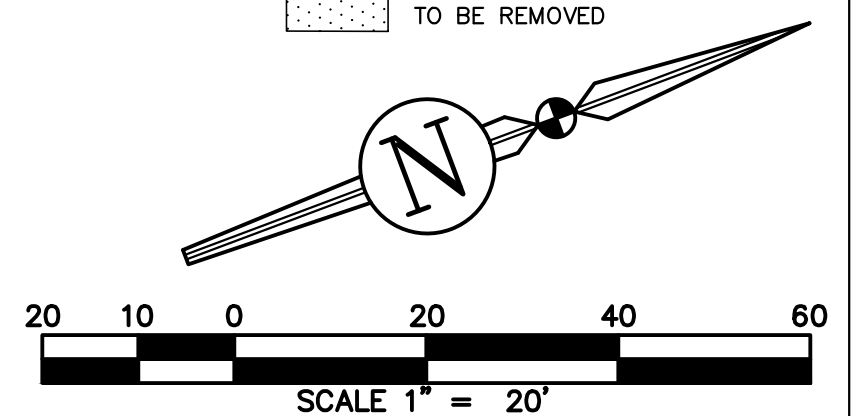
DEMOLITION PLAN



DEMOLITION PLAN

- LEGEND**
- EXISTING CONCRETE TO BE REMOVED
 - EXISTING FENCE TO BE REMOVED
 - SAW CUT PAVEMENT
 - EXISTING CURB OR UTILITY TO BE REMOVED
 - TREE BOUNDARY
 - TREE TO REMAIN
 - TREE TO BE REMOVED
 - EXISTING STRIPING TO BE REMOVED

GRU GAS NOTES:
 1. CONTRACTOR SHALL LOCATE, PROTECT & MAINTAIN 36" MIN. COVER OVER EXISTING GRU GAS MAIN & GAS SERVICE DURING ALL PHASES OF DEMOLITION/CONSTRUCTION



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NO.	DATE	DESCRIPTION		

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SHEET TITLE:
FORT CLARKE BLVD ROADWAY IMPROVEMENTS

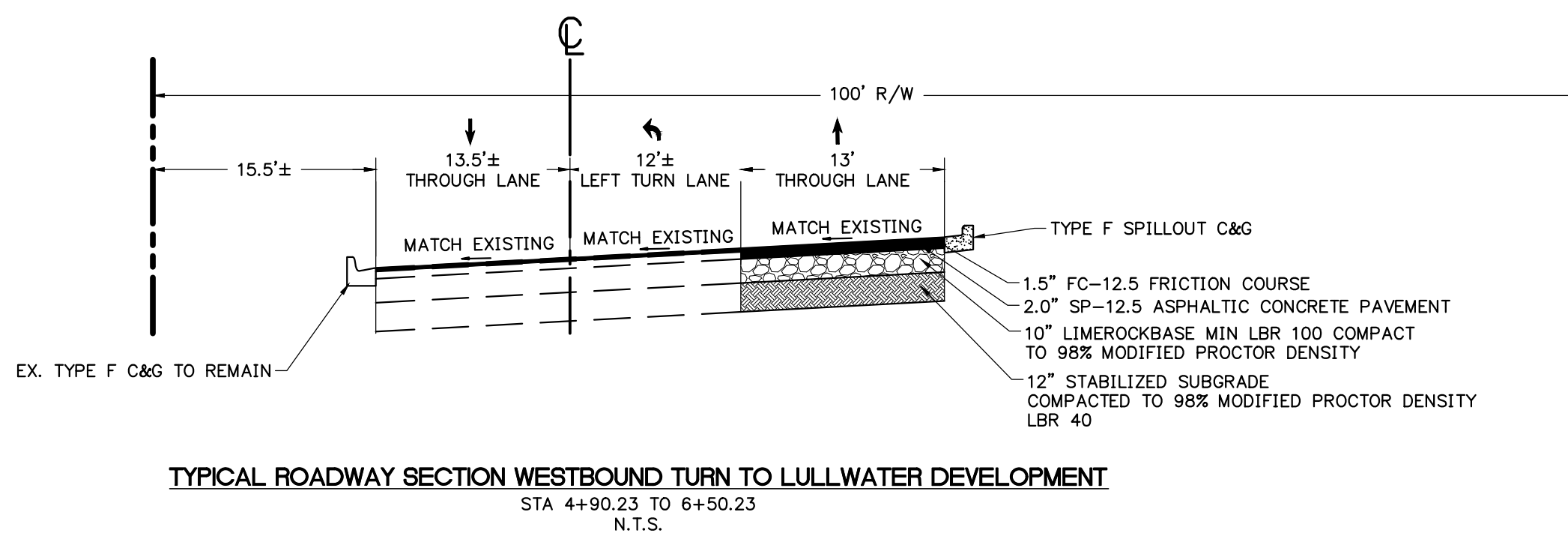
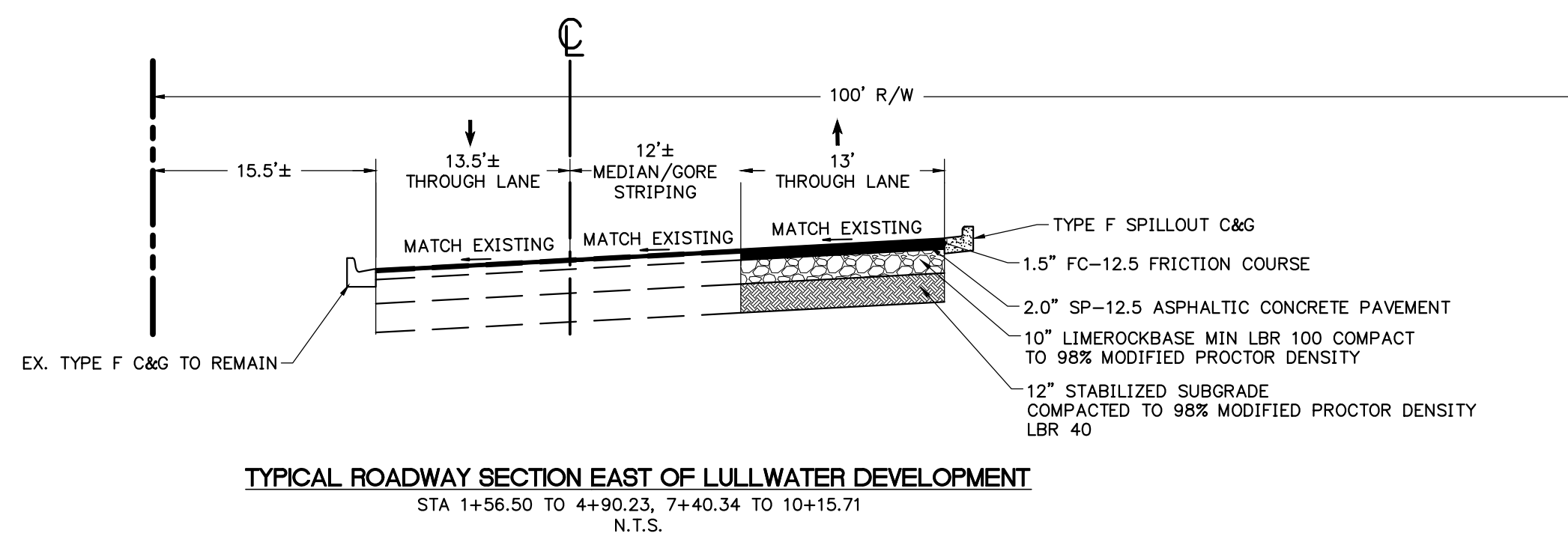
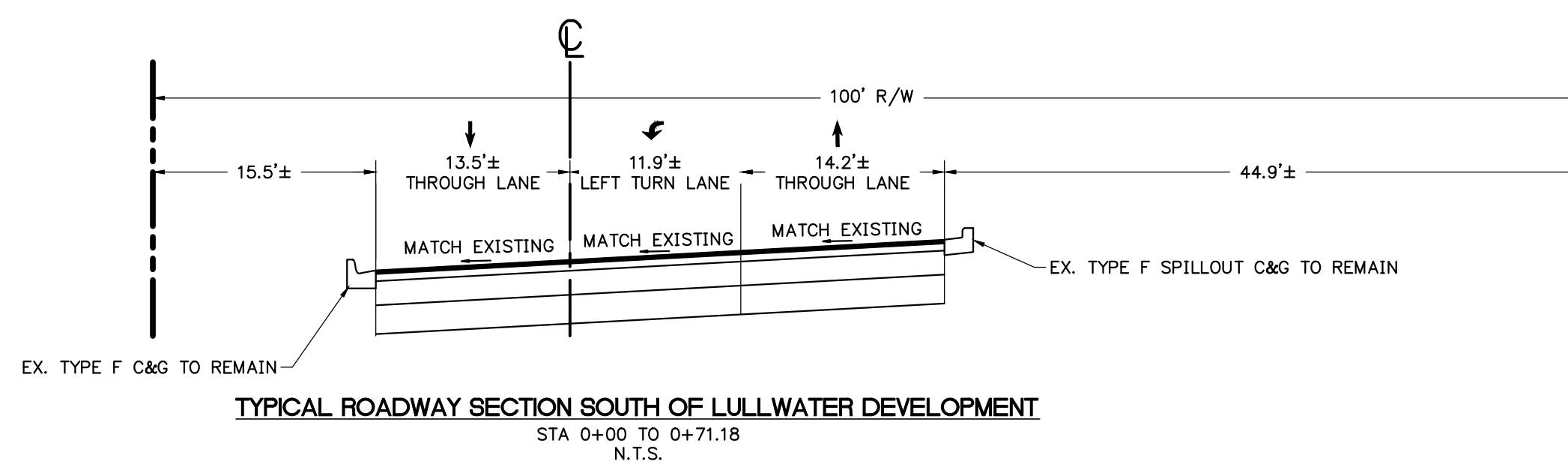
CLIENT:
**FICKLING AND CO.
 MACON, GA**

PROJECT:
**LULLWATER AT FORT
 CLARKE BLVD**

DATE:
AUGUST 2023

PROJECT NO:
403-19-01

SHEET NO:
C7.0



TYPICAL SECTION NOTES

1. DESIGN SPEED: 50 MPH
2. POSTED SPEED: 40 MPH
3. ALL DISTURBED AREAS WITHIN R/W SHALL BE SODDED.
4. ALL LIMEROCK, EITHER PLACED NEW OR EXPOSED BY MILLING, SHALL BE PRIMED.
5. ALL ASPHALT PAVEMENT COURSES SHALL BE TRAFFIC LEVEL B MIXTURE.
6. ALL HOT MIX ASPHALT (HMA) MIXTURES SHALL UTILIZE PG 76-22 POLYMER MODIFIED ASPHALT BINDER. THIS APPLIES TO STRUCTURAL AND FRICTION COURSES.

c:\a\03-19-01 - Fickling Apartments - Fort Clarke Blvd\Production\Civil\Sheets\C7.1 - FORT CLARKE BLVD ROADWAY IMPROVEMENTS.dwg, 8/22/2023, 1:17:31 PM, jacob... AutoCAD 2017 (General Documentation).pc3

REVISIONS			
NO.	DATE	DESCRIPTION	DRWN/ APPR

ENGINEER OF RECORD: **LOGAN B. PETERS, P.E.**
 FLORIDA LICENSE NO. 88516

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SHEET TITLE: **FORT CLARKE BLVD ROADWAY IMPROVEMENTS**

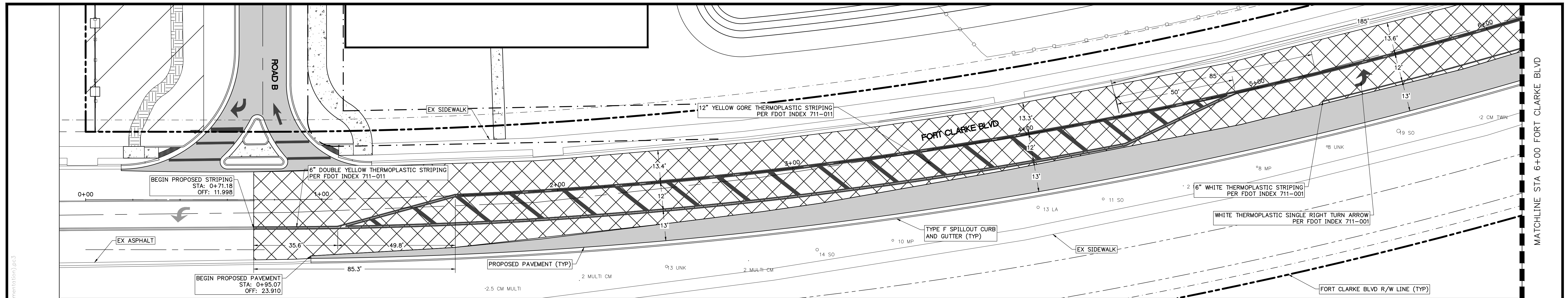
CLIENT: **FICKLING AND CO.
 MACON, GA**

PROJECT: **LULLWATER AT FORT CLARKE BLVD**

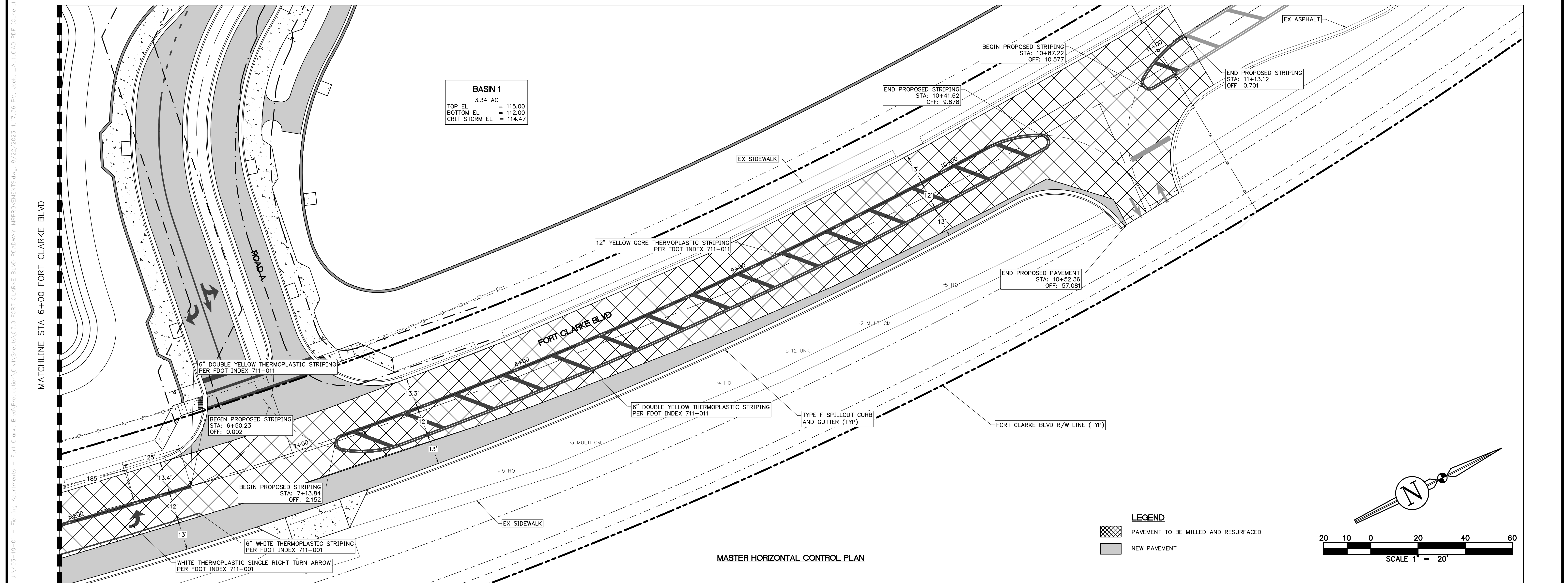
DATE: **AUGUST 2023**

PROJECT NO: **403-19-01**

SHEET NO: **C7.1**

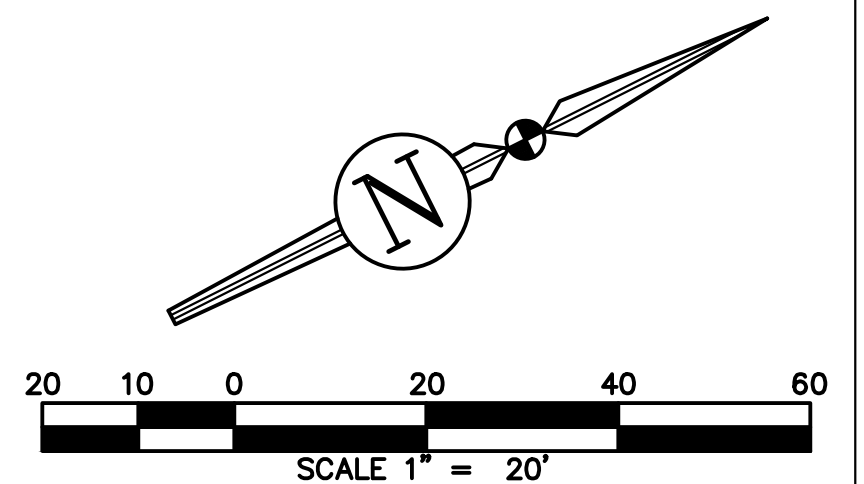


MASTER HORIZONTAL CONTROL PLAN



MASTER HORIZONTAL CONTROL PLAN

LEGEND
 PAVEMENT TO BE MILLED AND RESURFACED
 NEW PAVEMENT



REVISIONS			
NO.	DATE	DESCRIPTION	DRWN APPR

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SHEET TITLE:
FORT CLARKE BLVD ROADWAY IMPROVEMENTS

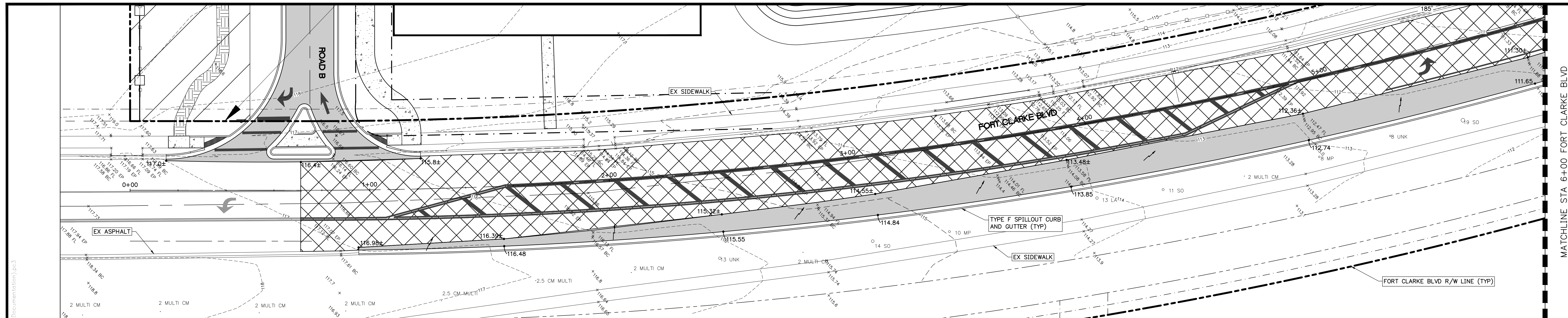
CLIENT:
**FICKLING AND CO.
 MACON, GA**

PROJECT:
**LULLWATER AT FORT
 CLARKE BLVD**

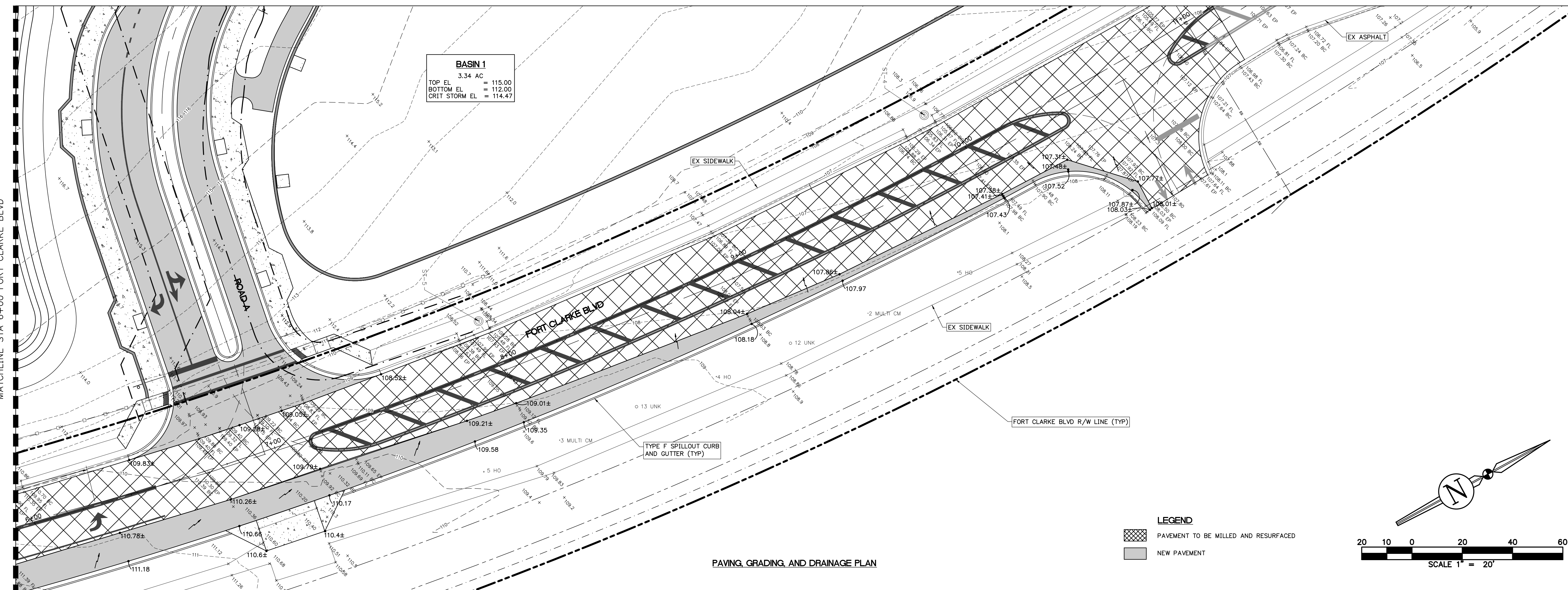
DATE:
AUGUST 2023

PROJECT NO:
403-19-01

SHEET NO:
C7.2

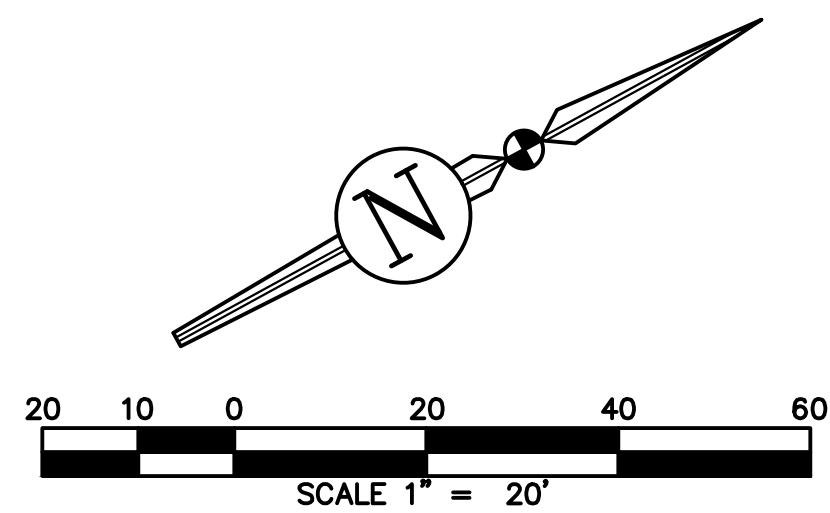


PAVING, GRADING, AND DRAINAGE PLAN



PAVING, GRADING, AND DRAINAGE PLAN

- LEGEND
- PAVEMENT TO BE MILLED AND RESURFACED
 - NEW PAVEMENT



REVISIONS			DRWN	APPR
NO.	DATE	DESCRIPTION		

ENGINEER OF RECORD: LOGAN B. PETERS, P.E.
FLORIDA LICENSE NO. 88516

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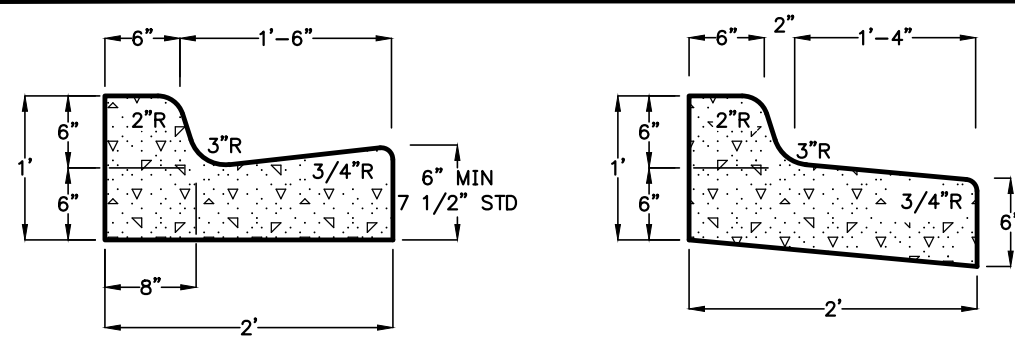
CLIENT: **FICKLING AND CO.**
MACON, GA

PROJECT: **LULLWATER AT FORT CLARKE BLVD**

DATE: **AUGUST 2023**

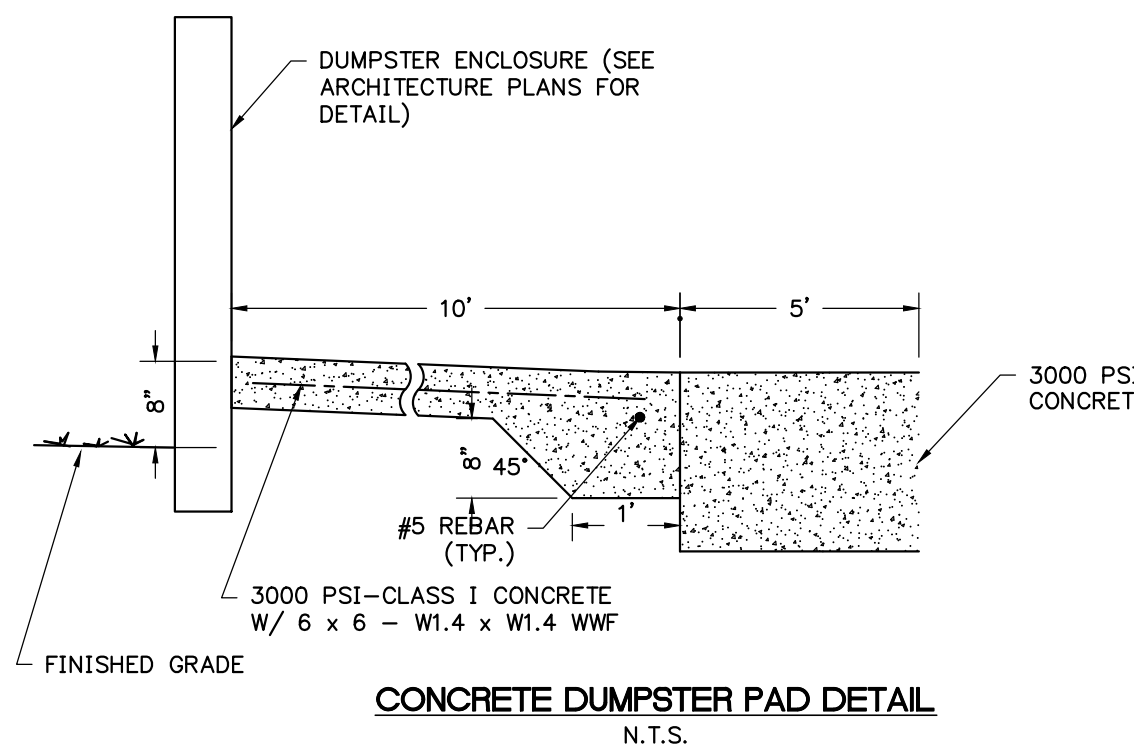
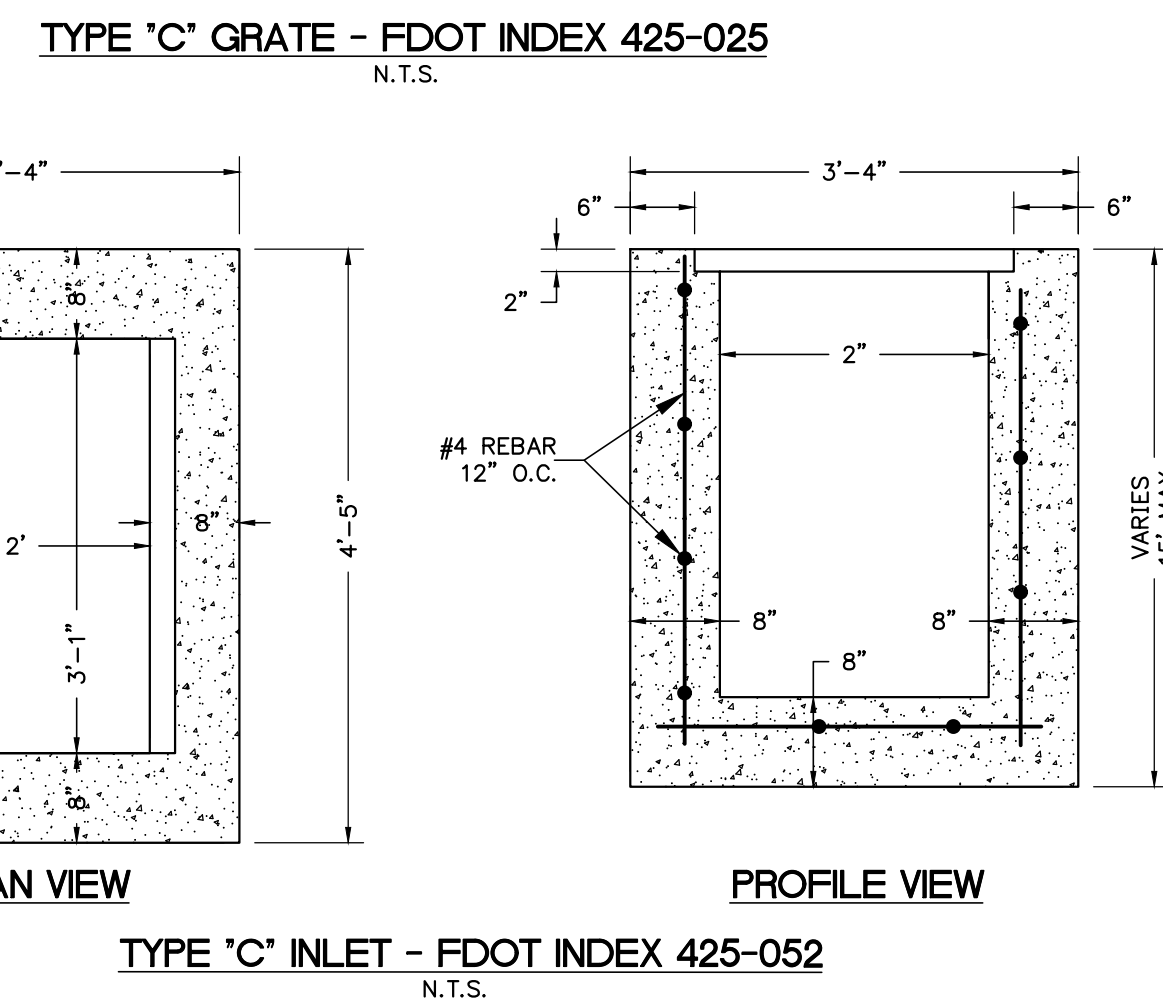
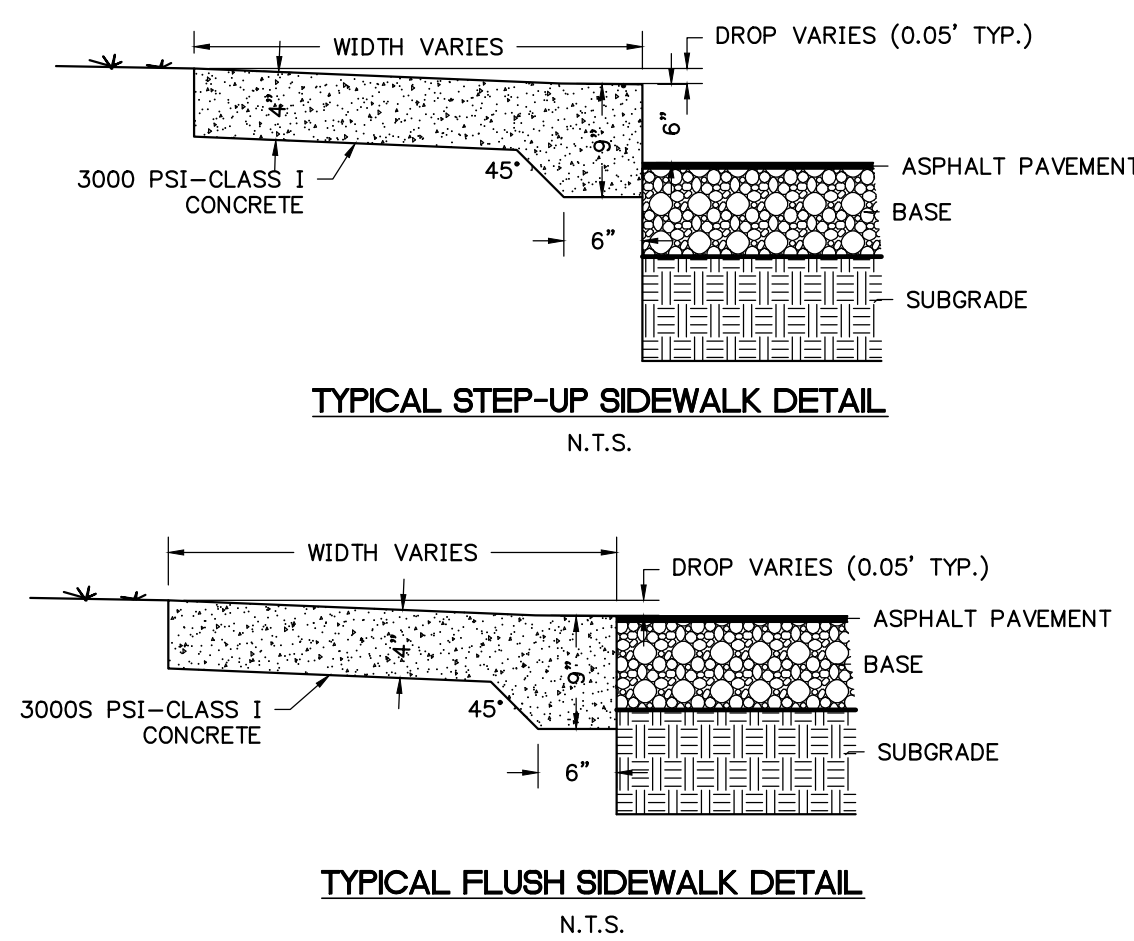
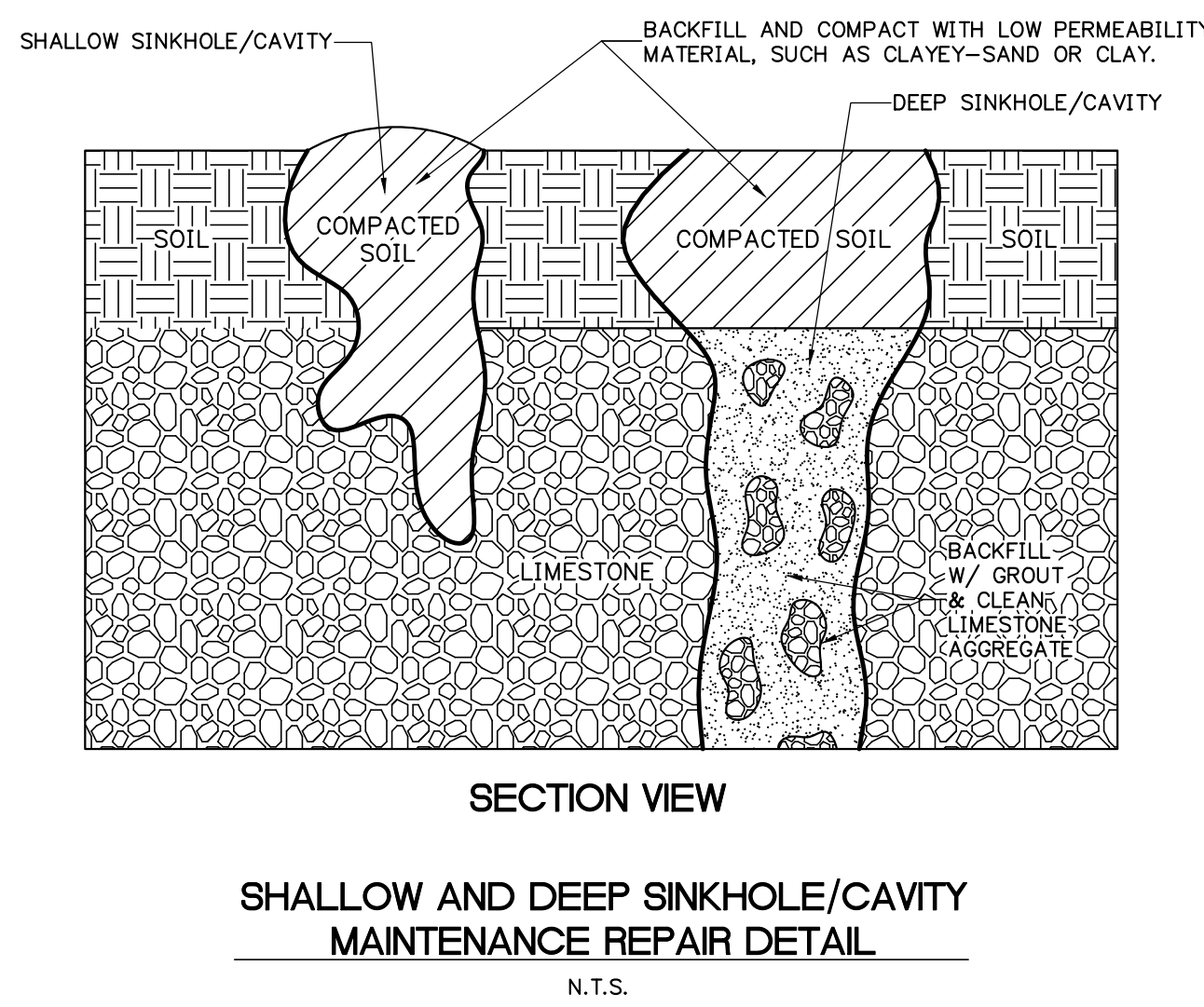
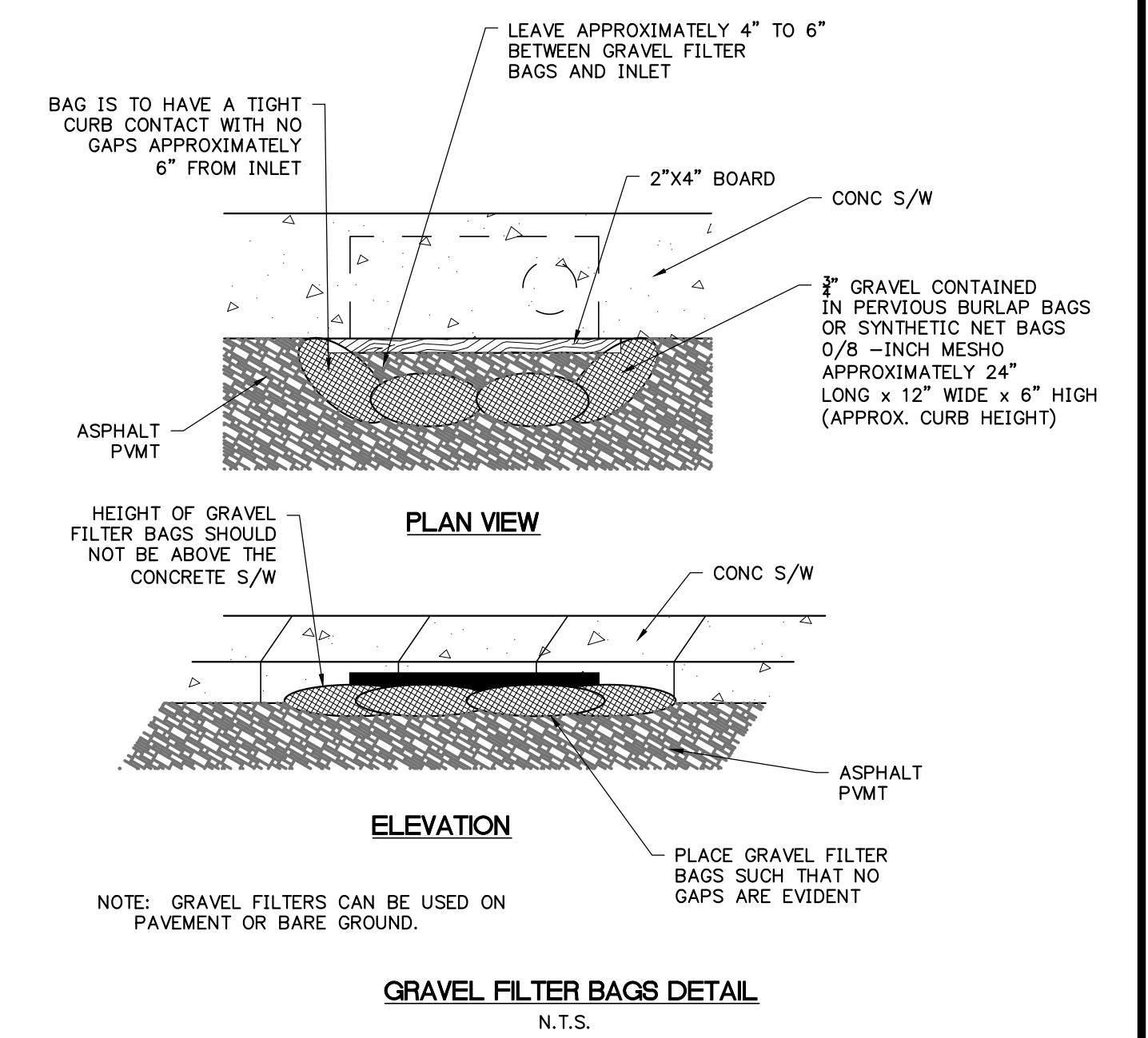
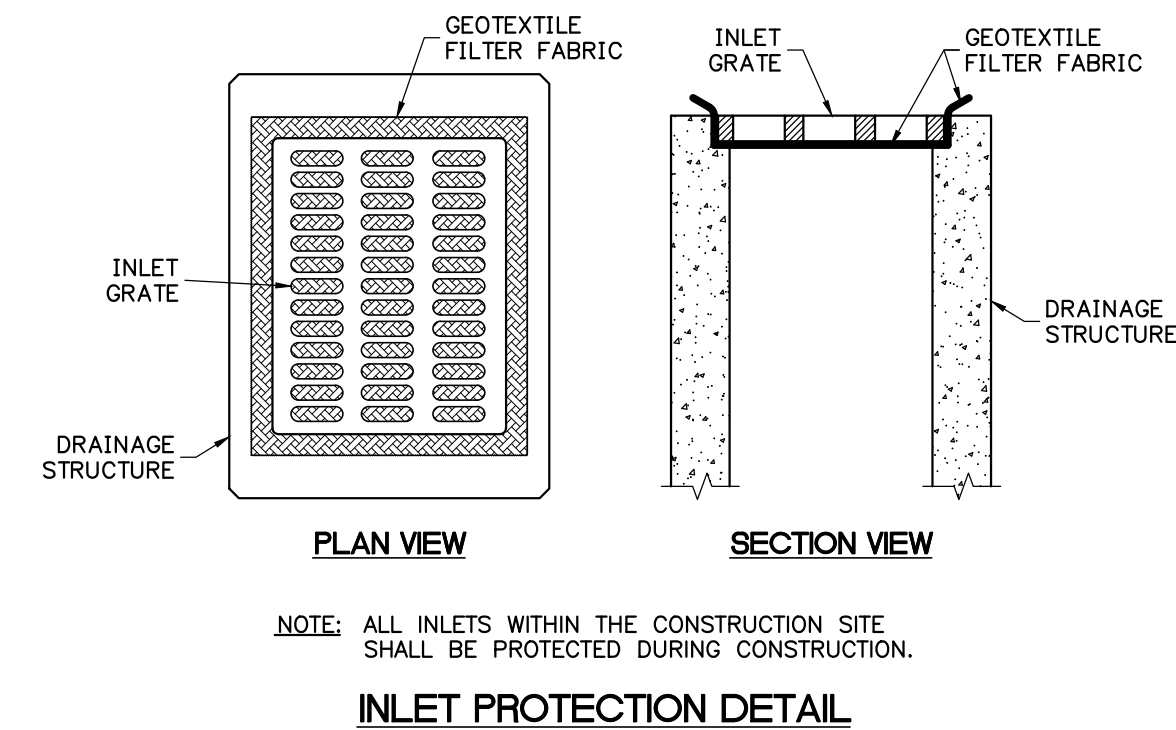
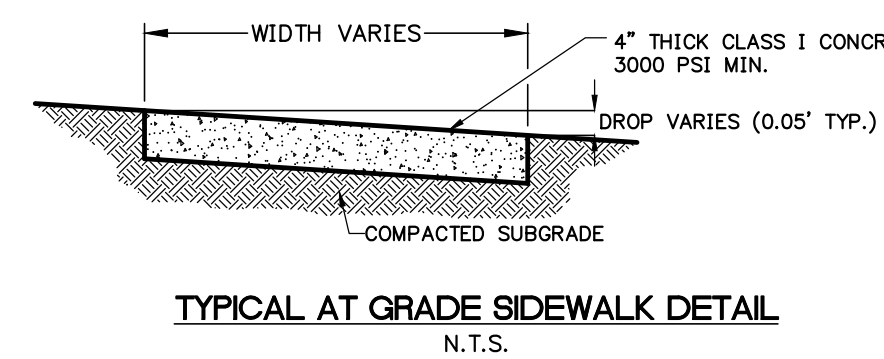
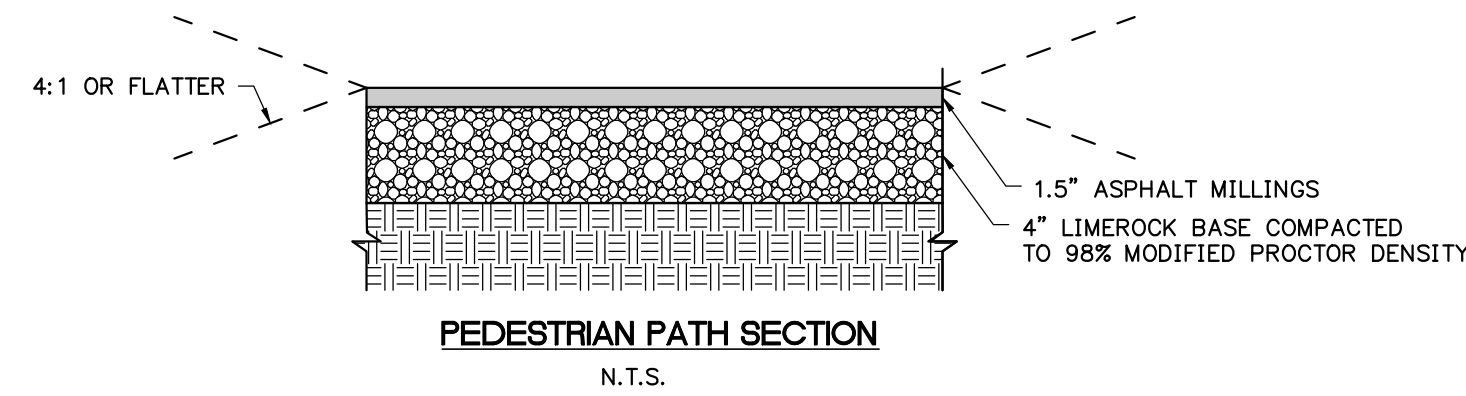
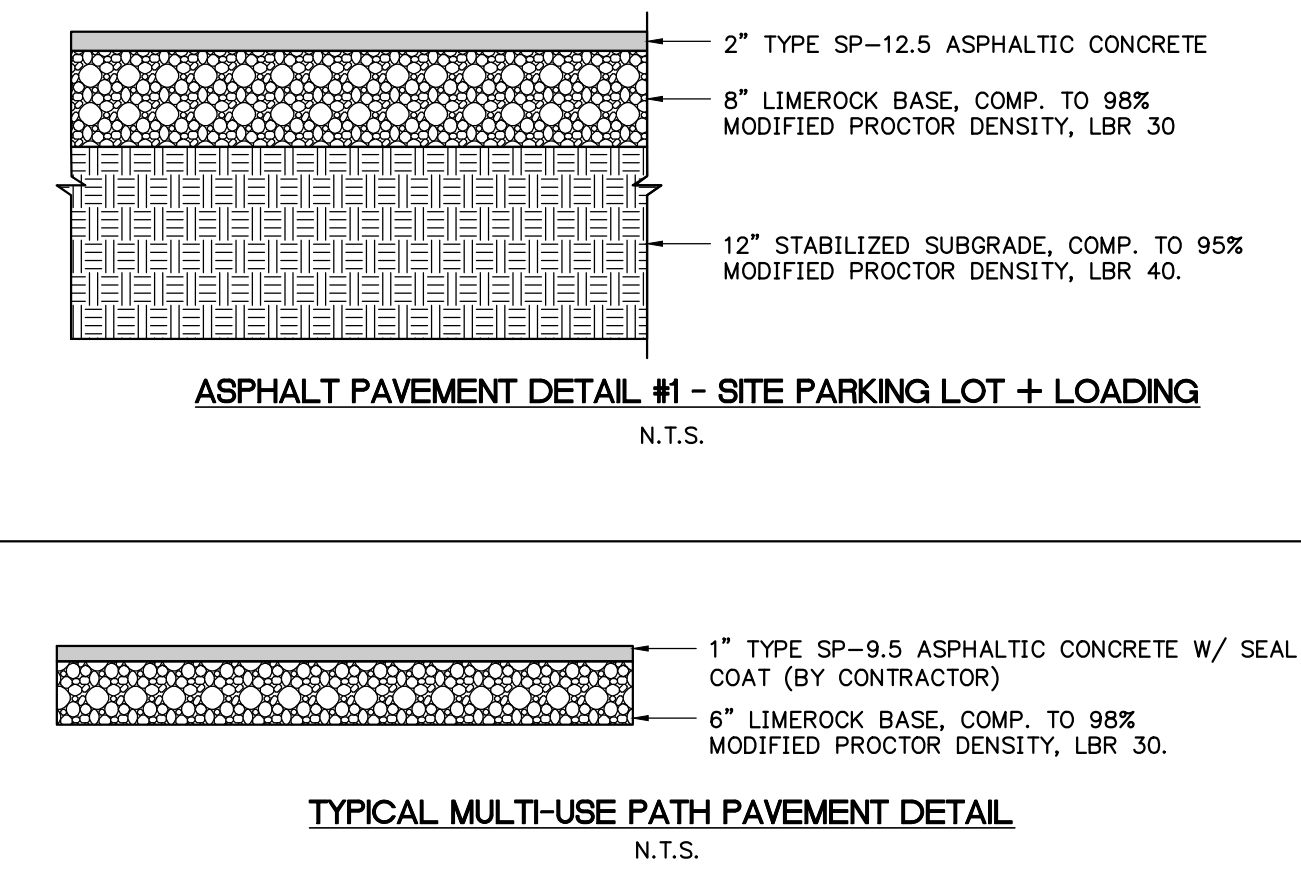
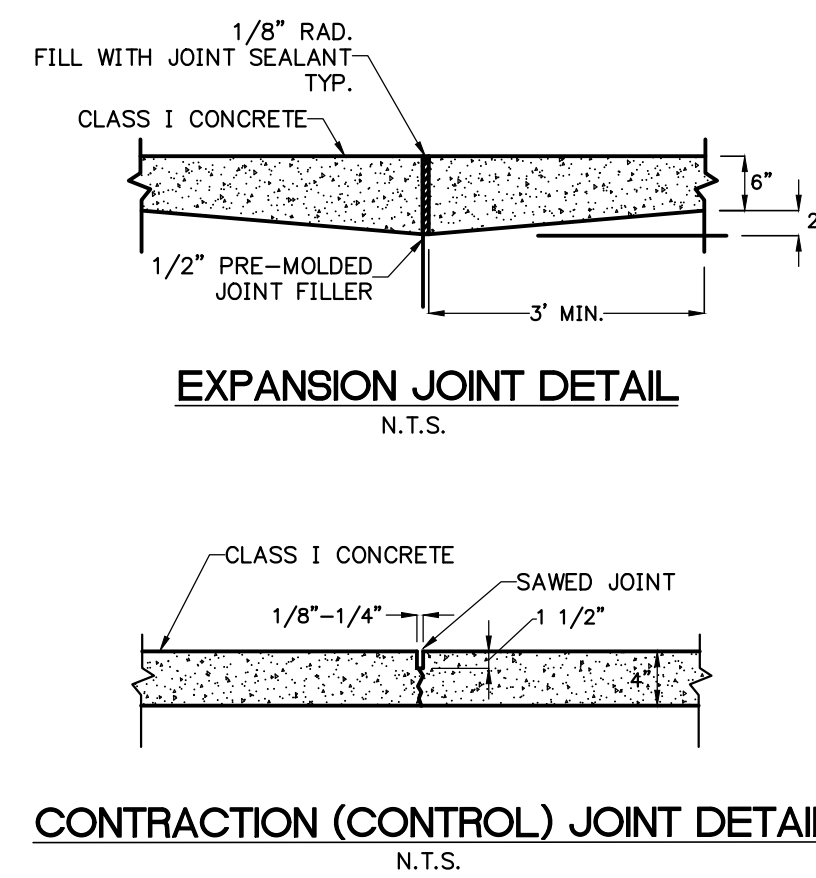
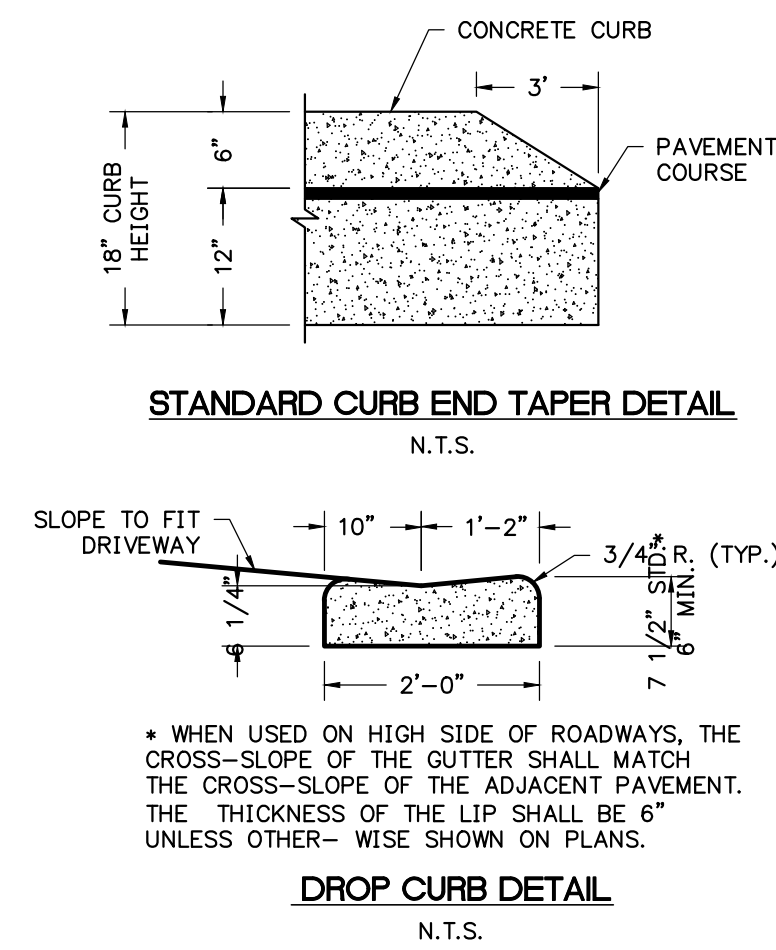
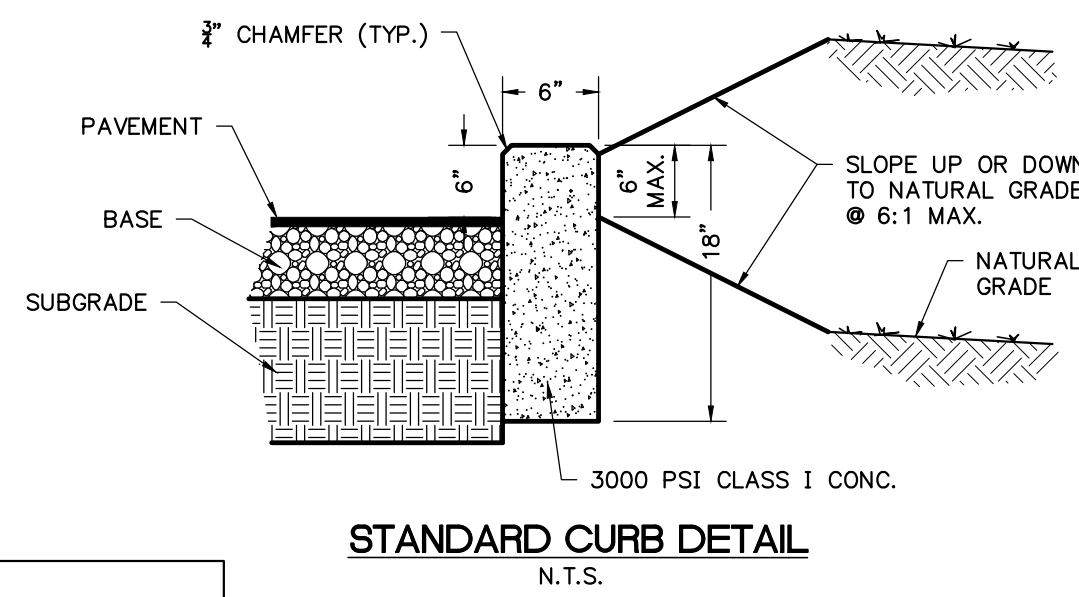
PROJECT NO.: **403-19-01**

SHEET NO.: **C7.3**



TYPE 'F' CONCRETE CURB AND GUTTER
N.T.S.

NOTE: WHEN USED ON THE HIGH SIDE OF ROADWAYS, THE CROSS-SLOPE OF THE GUTTER SHALL MATCH THE CROSS-SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON THE PLANS.



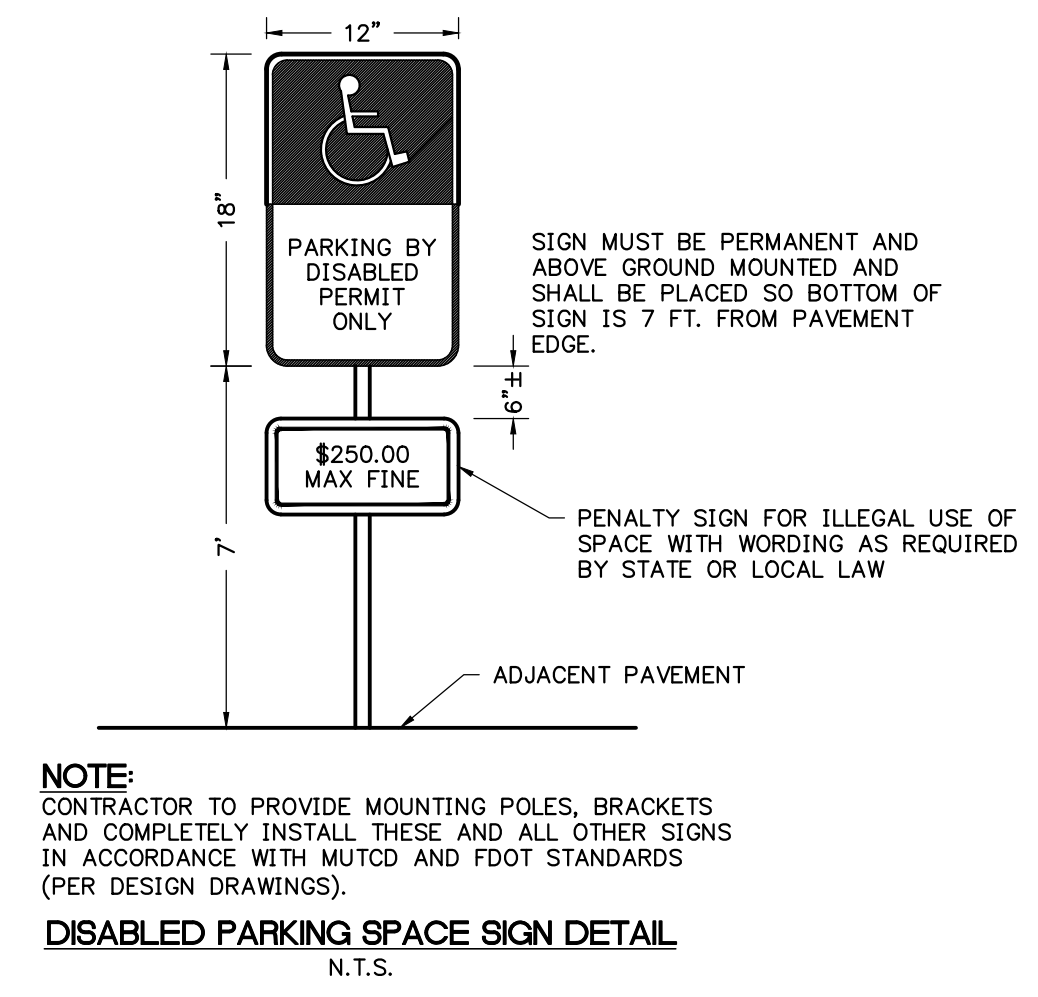
NOTES

IN THE EVENT THAT ANY KARST FEATURES SUCH AS SINKHOLES, SOLUTION CAVITIES, CHIMNEYS, ETC. ARE DISCOVERED DURING ROUTINE INSPECTIONS OF THE STORMWATER BASINS, THE FOLLOWING REMEDIATION PROCEDURE SHALL BE PERFORMED:

SHALLOW REPAIR (SEE DETAIL):
IF THE COLLAPSE IS SHALLOW (<5' DEEP) AND THE VOIDS IN THE LIMESTONE ARE SMALL, THEN THE SINKHOLE CAN BE REPAIRED BY BACKFILLING WITH A LOWER-PERMEABILITY MATERIAL, SUCH AS CLAYEY-SAND OR CLAY. THE MATERIAL SHOULD BE COMPACTED AND THE REPAIR SHALL BE SLIGHTLY ABOVE THE ORIGINAL BOTTOM IN ORDER TO CREATE A SMALL MOUND TO ACCOUNT FOR SETTLING.

DEEP REPAIR (SEE DETAIL):
IF THE COLLAPSE IS DEEP, THEN THE REPAIR SHALL BE MORE PERMANENT. THE COLLAPSE SHALL BE EXCAVATED TO THE LIMESTONE BEDROCK. THE VOID(S) IN THE BEDROCK SHALL BE PLUGGED WITH CLEAN GROUT. A LOW PERMEABILITY MATERIAL SHALL BE PLACED OVER THE CONCRETE PLUG. THE MATERIAL SHALL BE COMPACTED AND BROUGHT TO EXISTING BASIN BOTTOM.

NOTIFICATION:
THE SUWANNEE RIVER WATER MANAGEMENT DISTRICT (SRWMD) SHALL BE NOTIFIED OF ANY SINKHOLE DEVELOPMENT WITHIN 48 HOURS OF DISCOVERY AND THE PROPOSED METHOD BY WHICH THE SINKHOLE WILL BE REPAIRED SHALL BE SUBMITTED TO THE SRWMD FOR APPROVAL WITHIN 30 DAYS. THE SRWMD WILL THEN NOTIFY THE RESPONSIBLE PARTY AS TO THE ACCEPTANCE, DENIAL OR NEED FOR MODIFICATION OF THE REPAIR METHOD.



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SHEET TITLE: **DETAILS AND NOTES**

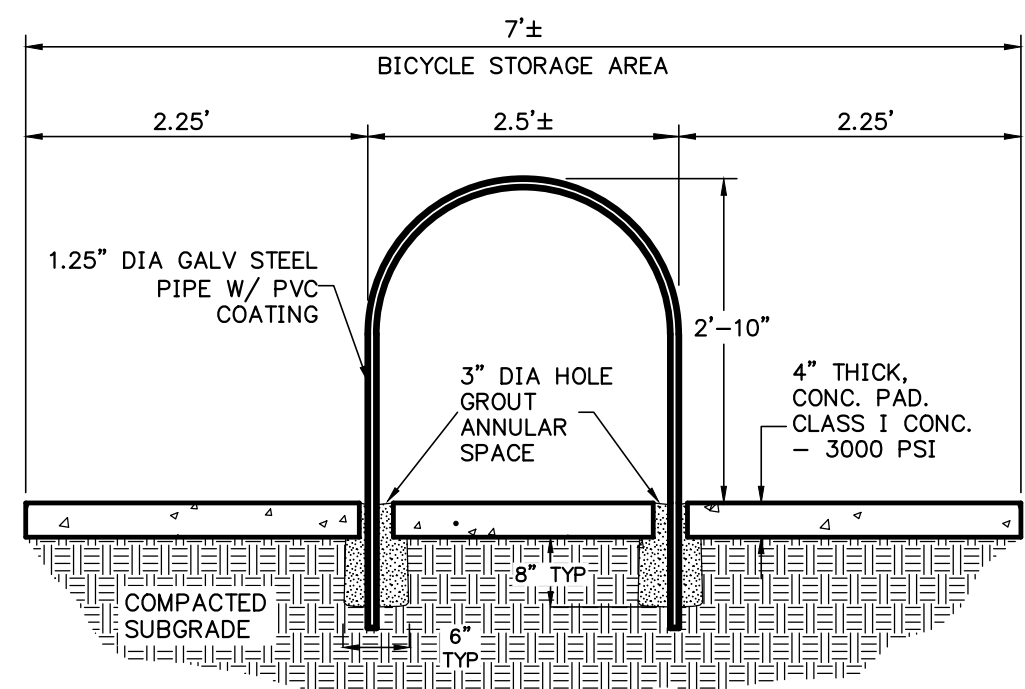
CLIENT: **FICKLING AND CO. MACON, GA**

PROJECT: **LULLWATER AT FORT CLARKE BLVD**

DATE: **AUGUST 2023**

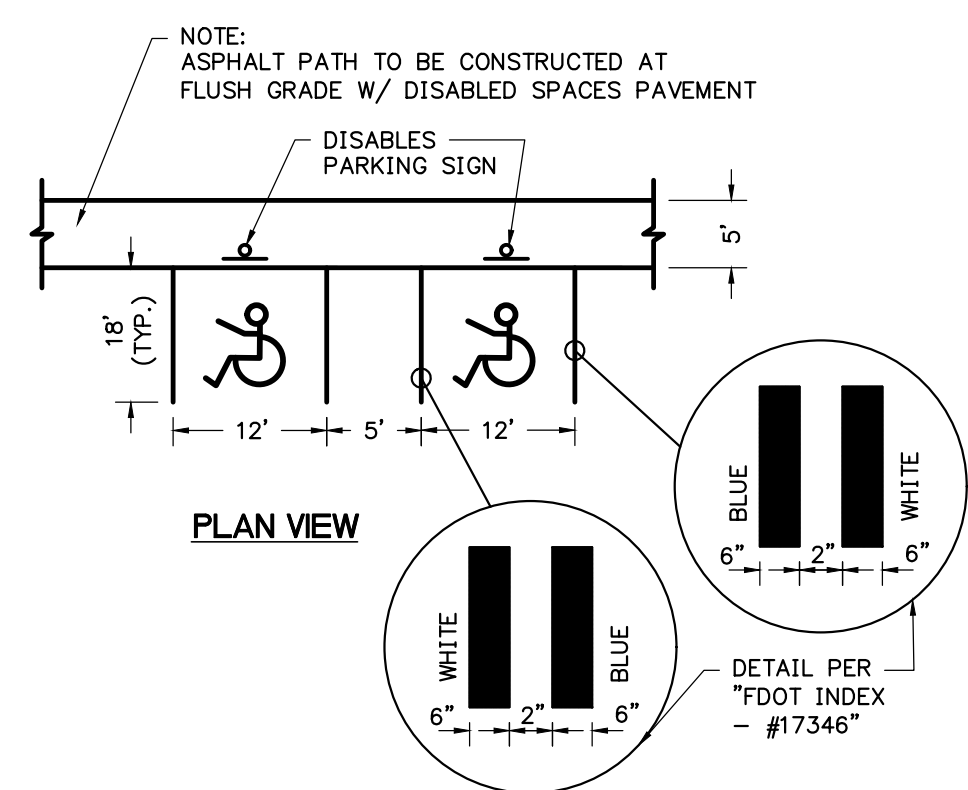
PROJECT NO: **403-19-01**

SHEET NO: **C8.0**

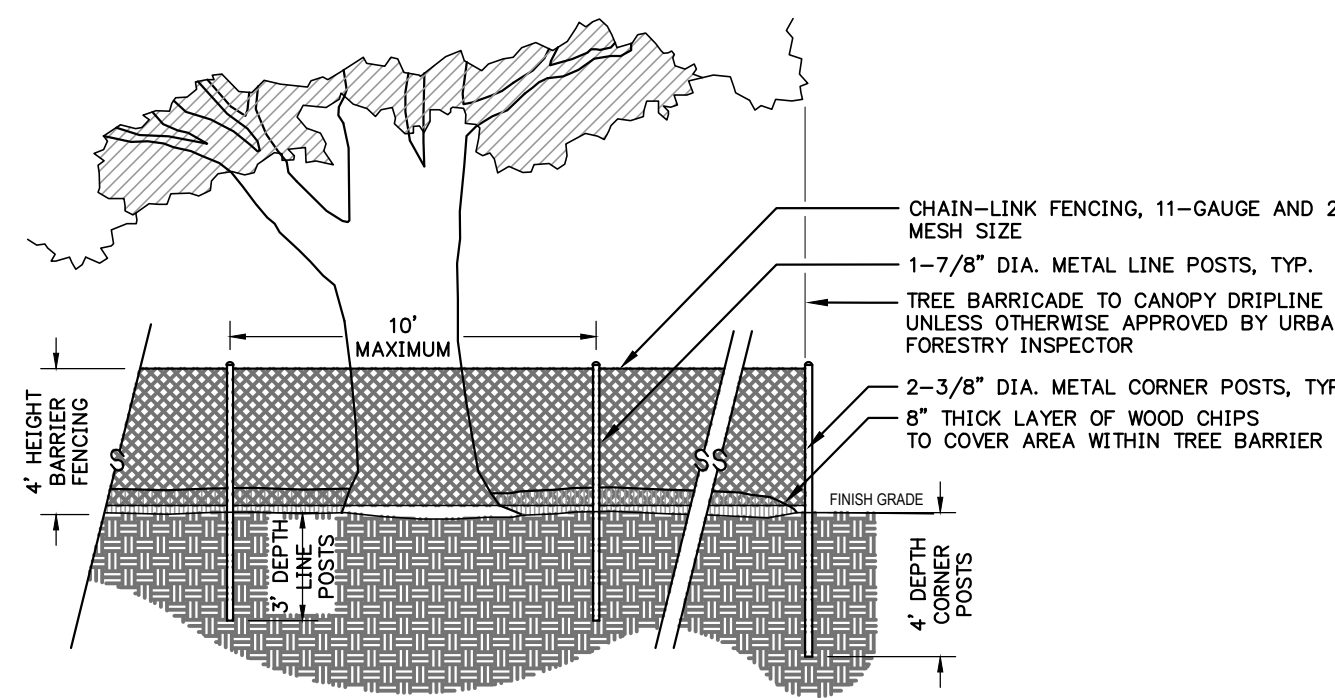


NOTE:
U-RACKS SHALL BE SPACED @ 2.5' ON CENTER WITH 2.25' CLEAR @ SIDES.

BICYCLE U-RACK DETAIL
N.T.S.



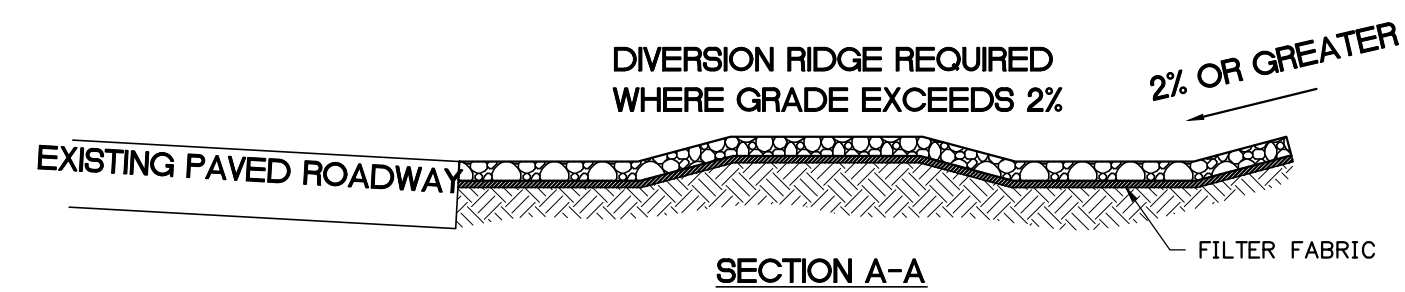
DETAIL OF DISABLED PARKING ACCESS
N.T.S.



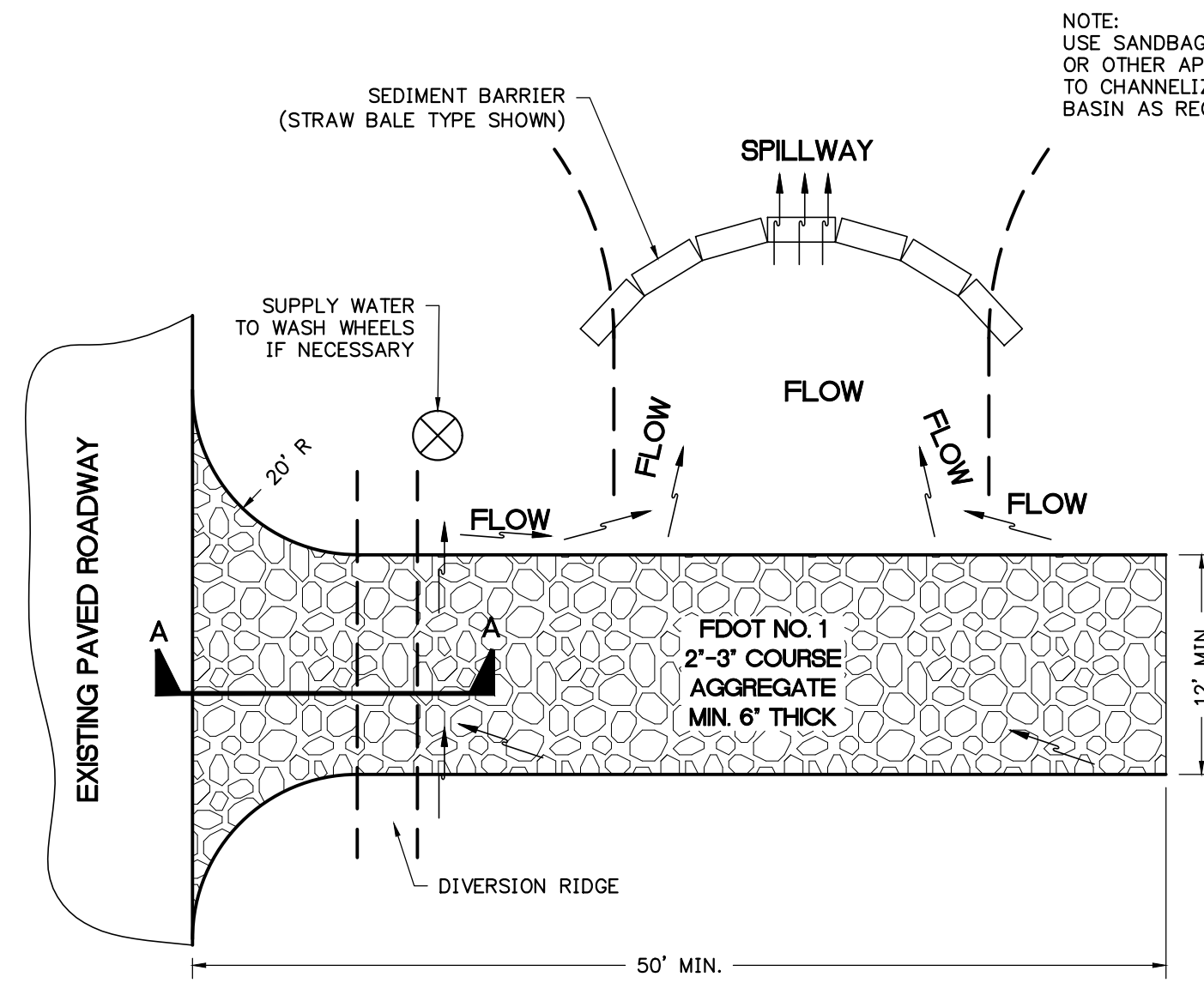
TREE PROTECTION CHAIN LINK FENCING DETAIL

CHAIN LINK FENCE NOTES

1. UTILIZE THIS DETAIL FOR THE WESTERN PERIMETER OF EASTERN OPEN SPACE AREA.
2. DO NOT STORE MATERIALS OR ALLOW ENCROACHMENT OF VEHICLES OR MACHINERY WITHIN TREE BARRIER AREA. NO BUILDING MATERIALS, MACHINERY OR HARMFUL CHEMICALS SHALL BE PLACED WITHIN PROTECTIVE BARRIERS, EXCEPT SHORT-DURATION PLACEMENTS OF CLEAN FILL SOIL THAT WILL NOT HARM THE TREE.
3. NO GRADE CHANGES MAY OCCUR WITHIN TREE BARRIER AREA WITHOUT APPROVAL.
4. TREE BARRIERS TO REMAIN IN PLACE UNTIL LANDSCAPING OPERATIONS BEGIN.



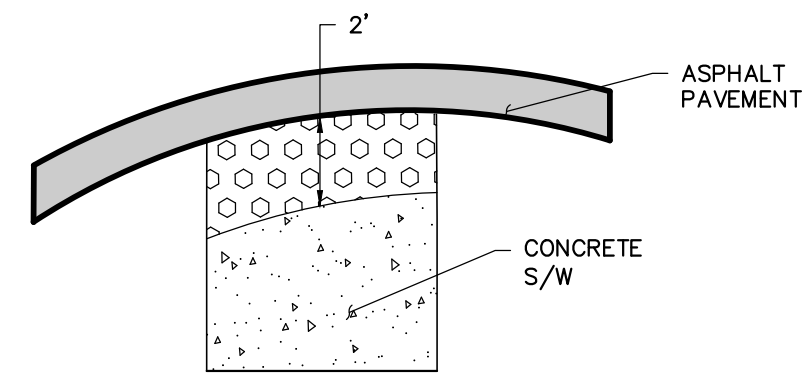
SECTION A-A



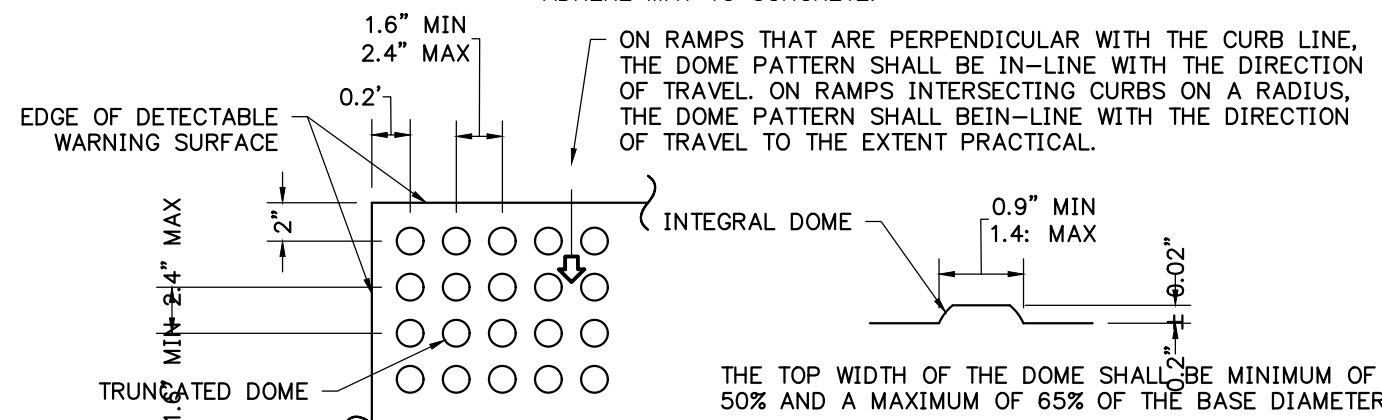
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
N.T.S.

NOTES:

1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

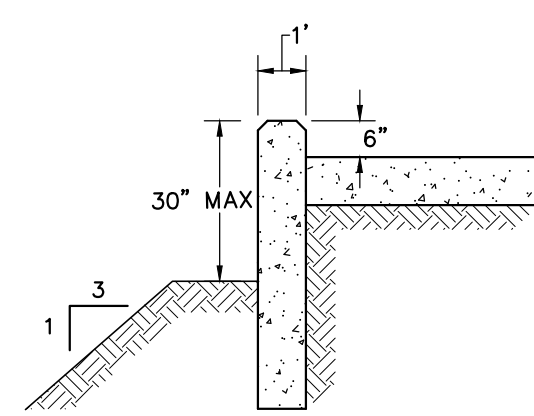


INSTALL ADA DETECTABLE WARNING MAT IN CONFORMANCE TO ADA USING MANUFACTURER RECOMMENDED FASTENERS AND CONSTRUCTION ADHESIVE TO ADHERE MAT TO CONCRETE.

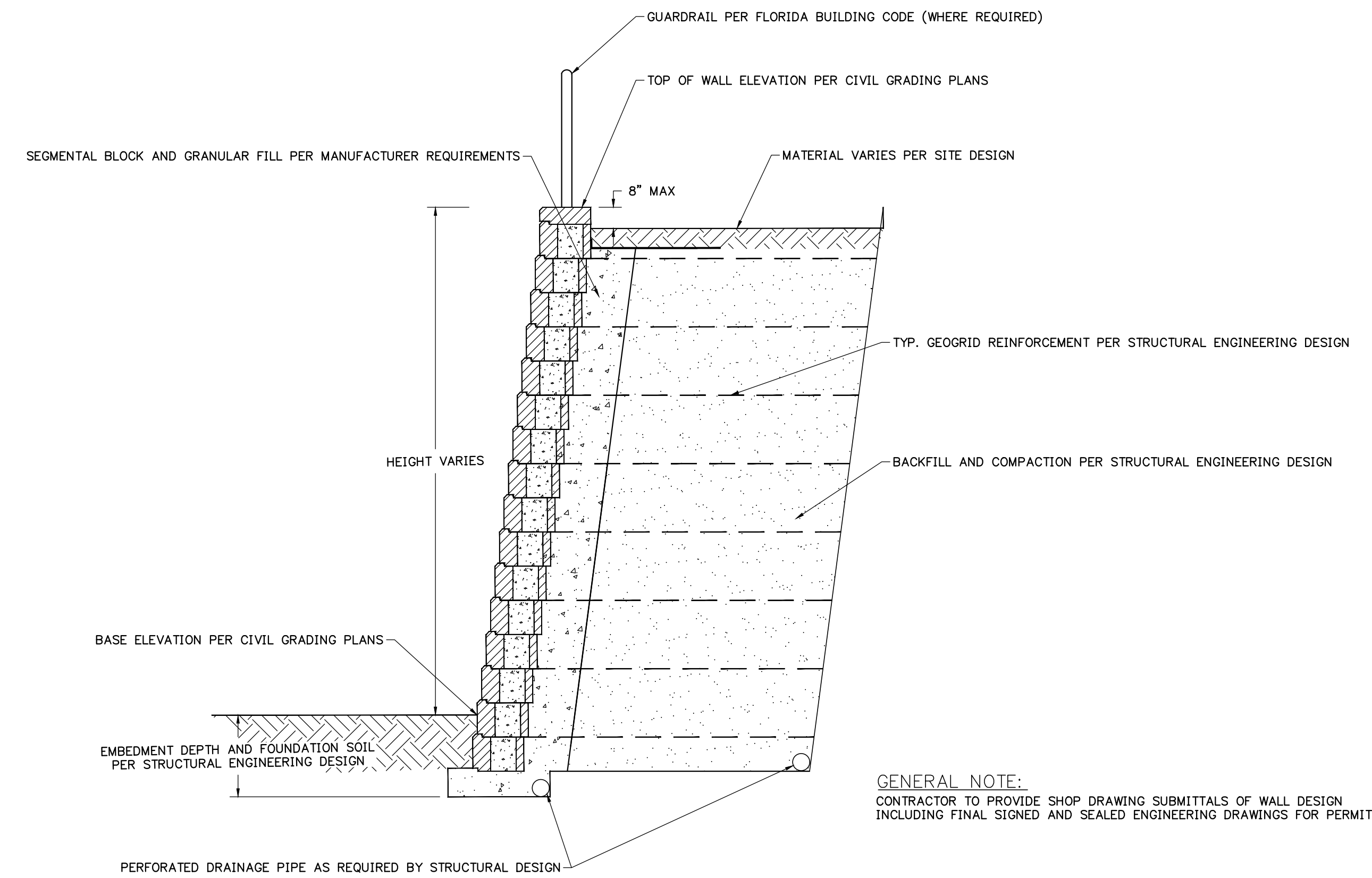


ON RAMP THAT ARE PERPENDICULAR WITH THE CURB LINE, THE DOME PATTERN SHALL BE IN-LINE WITH THE DIRECTION OF TRAVEL. ON RAMP INTERSECTING CURBS ON A RADIUS, THE DOME PATTERN SHALL BE IN-LINE WITH THE DIRECTION OF TRAVEL TO THE EXTENT PRACTICAL.

CURB RAMP DETECTABLE WARNING SURFACE DETAIL
N.T.S.



CONCRETE GRAVITY WALL DETAIL
N.T.S.



SEGMENTAL BLOCK RETAINING WALL DETAIL
N.T.S.

GENERAL NOTE:

CONTRACTOR TO PROVIDE SHOP DRAWING SUBMITTALS OF WALL DESIGN INCLUDING FINAL SIGNED AND SEALED ENGINEERING DRAWINGS FOR PERMIT.

REVISIONS			
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ENGINEER OF RECORD:	LOGAN B. PETERS, P.E. FLORIDA LICENSE NO. 88516
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SHEET NO: **C8.1**