

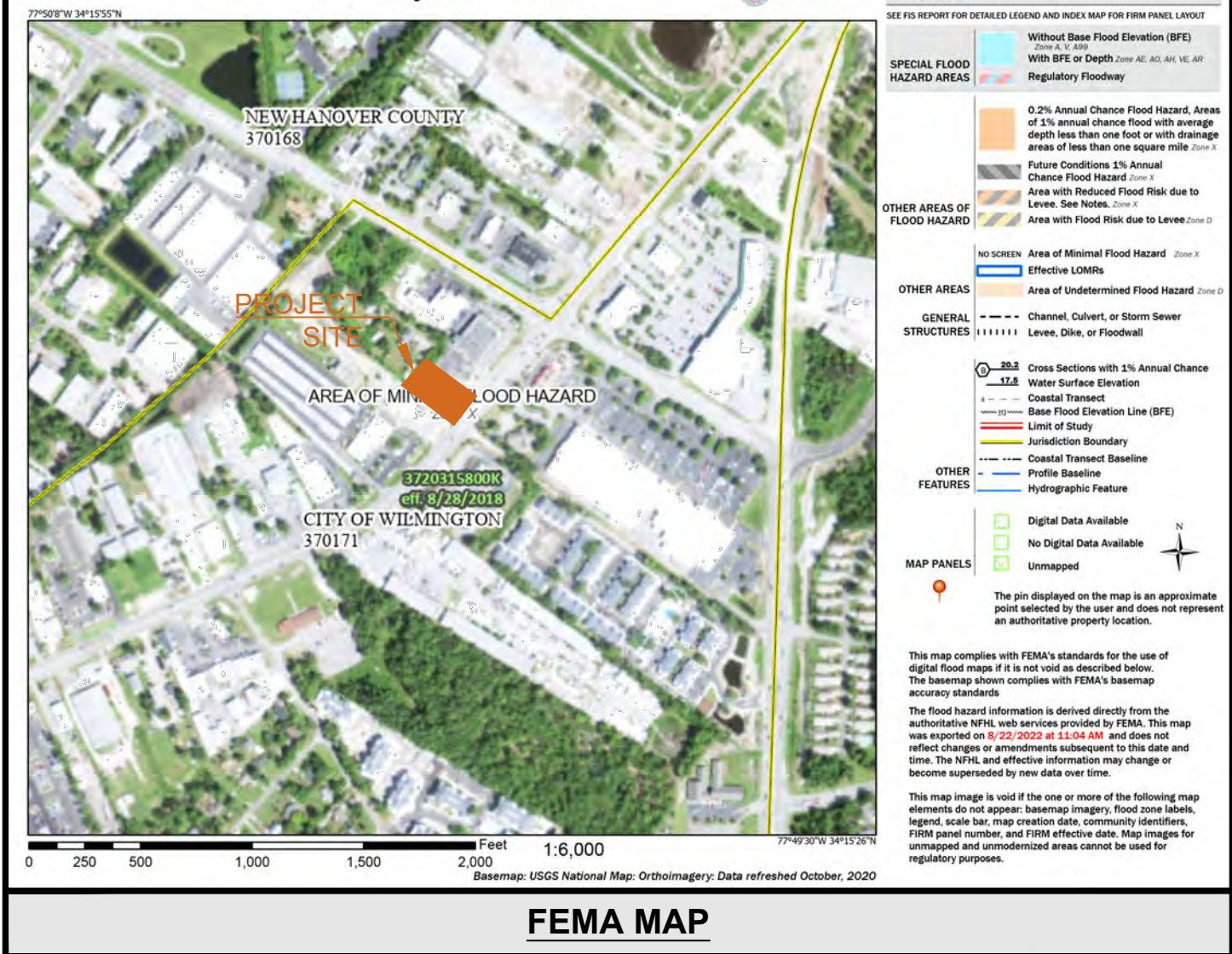
SCOOTERS - WILMINGTON (MARKET ST.)

6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

RECEIVED

By Jeff Walton at 10:36 am, Feb 10, 2023

National Flood Hazard Layer FIRMette



FLOOD PLAIN IS NOT PRESENT ON THIS SITE AS SHOWN ON THE FEMA FIRM MAP NUMBER 372031580K, DATED AUGUST 23, 2018

PROJECT TEAM

OWNER/DEVELOPER	CIVIL ENGINEERING
SCOOT HOLDINGS, LLC 8993 UNITY CHURCH ROAD DENVER, NC 28037 MORGAN DEBERRY 706.614.2299 MDEBERRY56@GMAIL.COM	GASKINS + LECRAW OF NC, PLLC 3475 CORPORATE WAY SUITE A DULUTH, GA 30096 706.546.8100 KYLE SHARPE, P.E.
ARCHITECT	SURVEYOR
GHA ARCHITECTURE / DEVELOPMENT 14901 QUORUM DRIVE SUITE 300 DALLAS, TX 75254 214481.9865 TARA THORNBERRY	STEWART 2018 EASTWOOD ROAD, SUITE 207 WILMINGTON, NC 28403 910.786.0145 DURWARD LEGGETT
PROJECT CONTACTS	
ELECTRIC DUKE ENERGY 1451 MILITARY CUTOFF ROAD WILMINGTON, NC 28403 910.524.5666	NATURAL GAS PIEDMONT NATURAL GAS 1321 S 10TH STREET WILMINGTON, NC 28401 800.752.7504
TELEPHONE AT&T 877.875.3821	WATER & SEWER CAPE FEAR PUBLIC UTILITY AUTH. 235 GOVERNMENT CENTER DRIVE WILMINGTON, NC 28403 910.332.6550
PLANNING & DEVELOPMENT CITY OF WILMINGTON 102 NORTH THIRD STREET WILMINGTON, NC 28402 910.254.0900	TRANSPORTATION NCDOT 300 DIVISION DRIVE WILMINGTON, NC 28401 910.398.9100

DISTURBED AREA

TOTAL SITE AREA = 0.67 ACRES
TOTAL DISTURBED AREA = 0.60 ACRES

24 HOUR CONTACT

MORGAN DEBERRY
MDEBERRY56@GMAIL.COM
SCOOT HOLDINGS, LLC

AS-BUILT NOTE

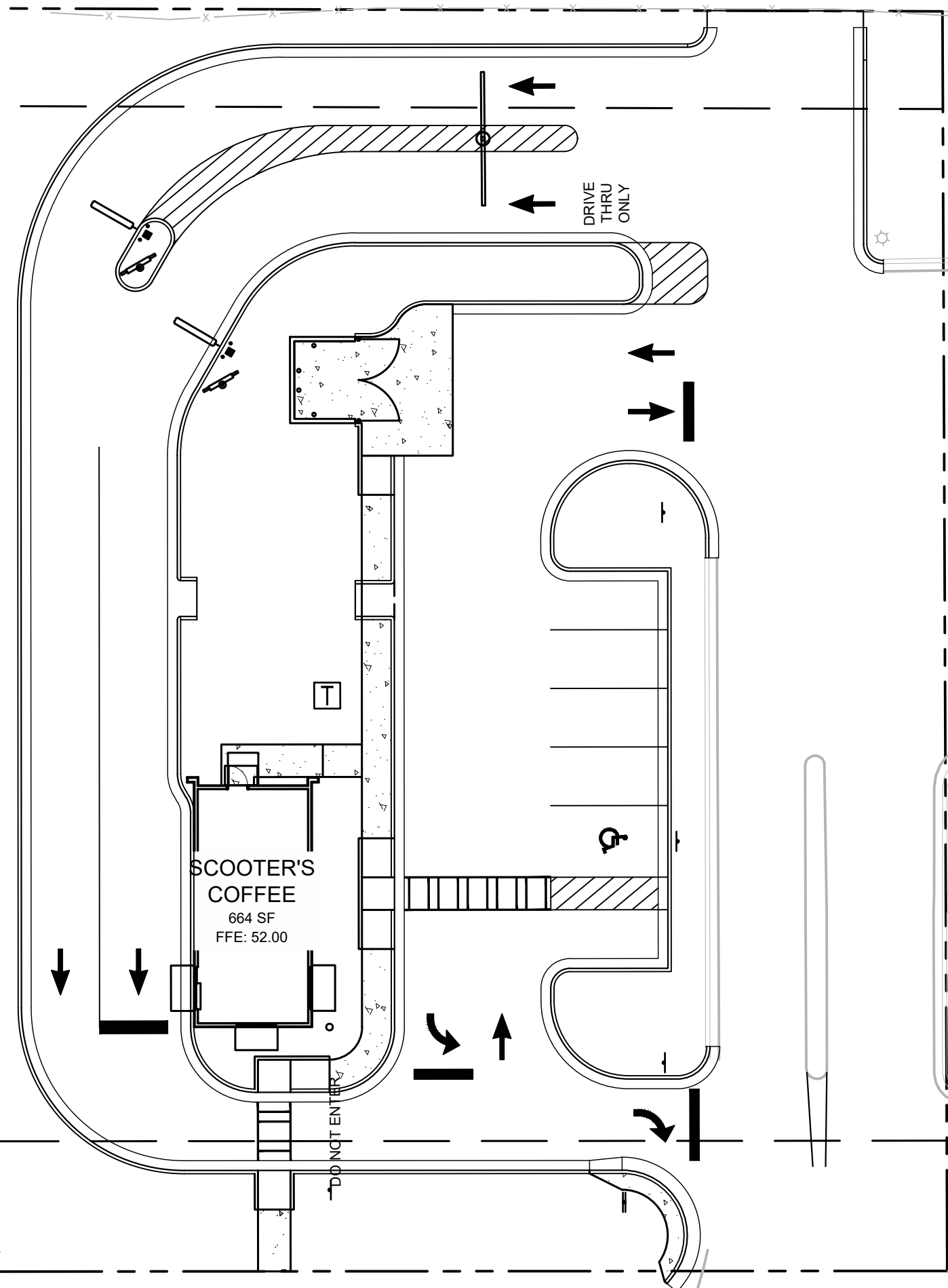
CONTRACTOR SHALL PROVIDE THE NECESSARY SIGNED/SEALED AS-BUILT SURVEY(S) TO ENGINEER AS REQUIRED FOR FINAL APPROVAL BY THE LOCAL JURISDICTION AT LEAST 30 DAYS PRIOR TO PROJECT COMPLETION. AS-BUILT SURVEY(S) SHALL INCLUDE ALL RIM ELEVATIONS, INVERTS, PIPE SIZES & MATERIALS, AND PIPE SLOPES FOR ALL STORM AND SANITARY SEWERS. IN JURISDICTIONS WHERE AN AS-BUILT HYDROLOGY ANALYSIS OR STORMWATER "CERTIFICATION" IS REQUIRED BY THE ENGINEER OF RECORD, THE CONTRACTOR SHALL ALSO SUPPLY ALL NECESSARY DOCUMENTATION REQUIRED FOR THE ENGINEER TO DETERMINE UNDERGROUND POND(S), IF APPLICABLE, PROVIDE THE ADEQUATE STORAGE VOLUMES. SUCH DOCUMENTATION MAY INCLUDE, BUT SHALL NOT BE LIMITED TO, PHOTOGRAPHS OF SYSTEM INSTALLATION, COMPACTION REPORTS UNDER AND ABOVE THE SYSTEM, DELIVERY TICKETS, SHOP DRAWINGS, ELEVATIONS OF STONE BEDDING (TOP AND BOTTOM), AS WELL AS THE HORIZONTAL LIMITS OF STONE.

GENERAL NOTES

THE APPROVAL OF THESE PLANS AND THE ISSUANCE OF THIS LAND DISTURBANCE PERMIT DOES NOT IN ANY WAY SUGGEST THAT ALL OTHER REQUIREMENTS FOR THE LEGAL OR APPROPRIATE OPERATIONS FOR THIS ACTIVITY, WHICH MAY REQUIRE ADDITIONAL PERMITTING HAVE BEEN MET. THE ONUS IS ON THE OWNER/DEVELOPER/BUILDER TO DISCOVER WHAT ADDITIONAL PERMITTING OR APPROVALS MAY BE NECESSARY TO OPERATE FROM THIS POINT IN AN APPROPRIATE AND LEGAL MANNER. PLAN APPROVAL OR PERMIT ISSUANCE DOES NOT ABSOLVE THE APPLICANT FROM COMPLYING WITH ALL APPLICABLE LAWS, STANDARDS, OR OTHER PERMITS WHICH MAY BE REQUIRED FOR THIS PROJECT.

ATTENTION IS DRAWN TO THE FACT THAT THE SCALE OF THESE DRAWINGS MAY HAVE BEEN DISTORTED DURING THE REPRODUCTION PROCESS.

IF ANY CONFLICTS, DISCREPANCIES, OR ANY OTHER UNSATISFACTORY CONDITIONS ARE DISCOVERED, EITHER ON THE CONSTRUCTION DOCUMENTS OR FIELD CONDITIONS, THE CONTRACTOR MUST NOTIFY THE ENGINEER IMMEDIATELY AND SHALL NOT COMMENCE FURTHER OPERATION UNTIL THE CONFLICTS, DISCREPANCIES, OR OTHER UNSATISFACTORY CONDITIONS ARE RESOLVED.



MARKET STREET - US HIGHWAY 17
(VARIABLE WIDTH PUBLIC ROW)

SITE LAYOUT: 1" = 20'

JURISDICTIONAL NOTES

SITE SUMMARY

SITE AREA	
SITE AREA:	0.67 ACRES (29,150 S.F.)
IMPERVIOUS AREA:	21,128 S.F. (72.5%)
PERVIOUS AREA:	8,022 S.F. (27.5%)
ZONING CLASSIFICATION	
JURISDICTION:	CITY OF WILMINGTON
ZONING:	RB (REGIONAL BUSINESS)
ADJACENT ZONING:	RB (ALL SIDES)
CAMA CLASSIFICATION:	URBAN
PROPOSED USE:	COMMERCIAL RESTAURANT
BUILDING SETBACKS	
FRONT:	20' REQ. / 37.5' PROP.
SIDE:	0' REQ. / 32.9' PROP. (W) 97.4' PROP. (E)
REAR:	15' REQ. / 118' PROP.
BUILDING SUMMARY	
BUILDING AREA:	664 S.F.
BUILDING COVERAGE:	2.3%
BUILDING HEIGHT:	19'-0"
CONSTRUCTION TYPE:	V-B
PARKING SUMMARY	
PARKING REQ.:	1 SPACE / 65 S.F. (MAX.)
	10 SPACES (1 ADA SPACE)
PARKING PROV.:	6 SPACES
MIN. STALL DIMENSIONS:	8.5' x 18'
MIN. DRIVE WIDTH:	24'

JURISDICTIONAL APPROVAL STAMPS

PREPARED IN THE OFFICE OF:



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3475 CORPORATE WAY
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P-2646

REVISIONS:

NO.	DATE	BY	REVISION
1	12/08/22	MAT	TRC COMMENTS
2	12/08/22	TKS	CFPA COMMENTS

CLIENT

SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT

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PARCEL R04300-004-018-000

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SEAL:

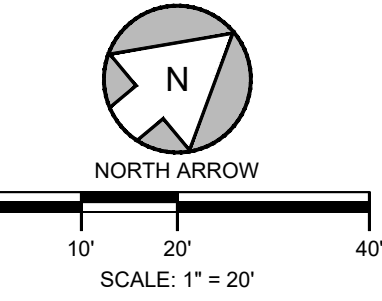


2/9/2023

CALL BEFORE YOU DIG



SCALE & NORTH ARROW:



DESIGN INFO:

DRAWN BY:	MAT
DESIGNED BY:	TKS
REVIEWED BY:	TKS
JOB #:	363006
DATE:	---


COVER

C-0.0



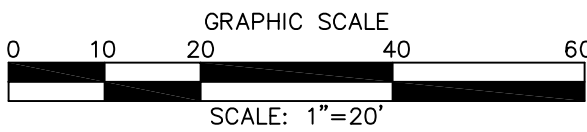
DENVER, NC 28037

CITY OF WILMINGTON
NEW HANOVER
COUNTY, NC



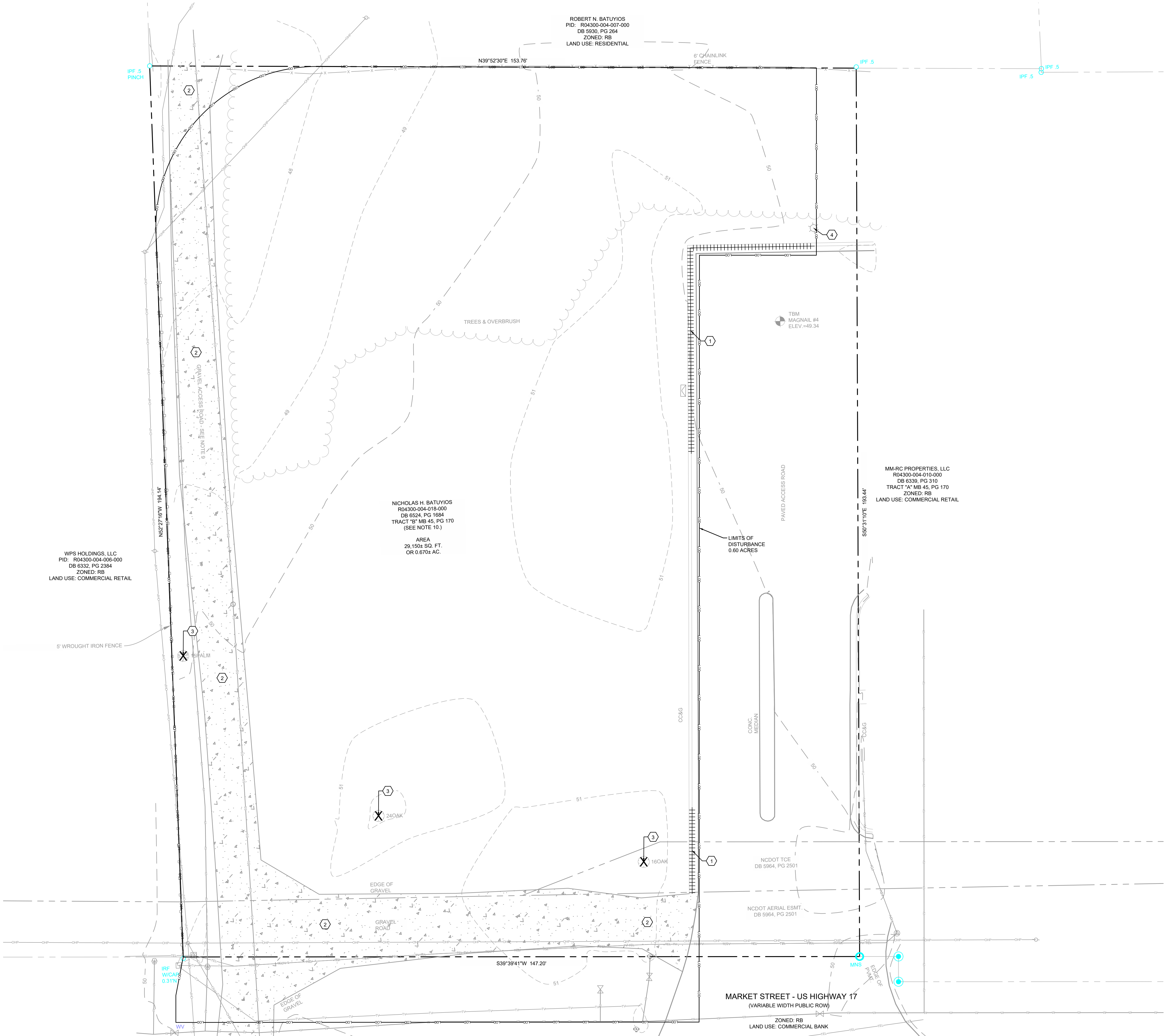
1 OF 1

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Drawing name: C:\Users\kyle.sharpe\Engineering\Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\CONSTR\363006 - 02 - DEMO.dwg C-1.0 DEMOLITION PLAN Feb 09, 2023 5:16pm by kyle.sharpe



GENERAL DEMOLITION NOTES

1) CONTRACTOR TO ENSURE ALL APPROPRIATE EROSION CONTROL MEASURES, INCLUDING TREE PROTECTION FENCING, ARE IN PLACE PRIOR TO ANY DEMOLITION ACTIVITY TAKING PLACE.

2) CONTRACTOR TO ABIDE BY ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS CONCERNING THE REMOVAL, DEMOLITION, AND/OR DISPOSAL OF POSSIBLE HARMFUL MATERIALS INCLUDING LEAD PAINT, ASBESTOS, ETC. DURING ALL PHASES OF CONSTRUCTION.

3) CONTRACTOR TO SAW CUT EXISTING PAVEMENT FULL DEPTH AT EDGE OF DEMOLITION LIMITS.

4) ALL ITEMS NOTED FOR REMOVAL/DEMOLITION SHALL BE REMOVED FROM THE SITE OR DISPOSED OF IN A LEGAL MANNER.

5) BOUNDARY & TOPOGRAPHIC SURVEY BY STEWART, DATED AUGUST 15, 2022. BENCHMARK IS NOTED ON SURVEY.

6) FLOOD PLAIN IS NOT PRESENT ON THIS SITE AS SHOWN ON THE FEMA FIRM MAP NUMBER 372031580K, DATED AUGUST 23, 2018.

7) VERTICAL DEPTH OF ALL DRY AND PRESSURIZED UTILITIES IS UNKNOWN. CONTRACTOR TO NOTIFY OWNER AND ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE FOUND.

LEGEND

DEMOLISH EXISTING STRUCTURES

DEMOLISH EXISTING PAVEMENT

DEMOLISH EXISTING UTILITIES

DEMOLISH EXISTING CURB/GUTTER

DEMOLISH EXISTING TREE

KEY NOTES

1) REMOVE EXISTING CURB & GUTTER

2) EXISTING GRAVEL TO BE REMOVED

3) EXISTING TREE/VEGETATION TO BE REMOVED

4) EXISTING LIGHT POLE TO REMAIN

CITY NOTES

PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND THAT NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES SHALL BE PERMITTED WITHIN THE TREE PROTECTION FENCING SHALL BE INCLUDED.

REMOVAL OF ANY TREE FOUR INCHES DIAMETER BREAST HEIGHT OR GREATER SHALL REQUIRE A TREE REMOVAL PERMIT.

THE TREE REMOVAL PERMIT AND APPROVED TREE PRESERVATION PLAN SHALL BE POSTED ON THE PROPERTY WITH OTHER PERMITS FOR THE DURATION OF WORK ON THE SITE.

CAUTION

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UNDERGROUND UTILITIES, AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES SHOWN AS WELL AS THOSE NOT SHOWN WITHIN THE CONSTRUCTION LIMITS. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

PREPARED IN THE OFFICE OF:

GASKINS + LECRAW

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P-2646

REVISIONS:					
REV #	DATE	CHECKED BY	DATE	REVISIONS	DATE
2	12/08/22	TKS	12/08/22	TRC COMMENTS	
1		TKS		CFLJA COMMENTS	

CLIENT: **SCOOT HOLDINGS, LLC**
8993 UNITY CHURCH ROAD - DENVER, NC 28037

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WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

PRELIMINARY

2/9/2023

CALL BEFORE YOU DIG

North Carolina 811
www.nc811.org

SCALE & NORTH ARROW:

North Arrow

0' 5' 10' 20'

SCALE: 1" = 10'

DESIGN INFO:

DRAWN BY: MAT

DESIGNED BY: MAT

REVIEWED BY: TKS

JOB #: 363006

DATE: --

DEMOLITION PLAN

C-1.0

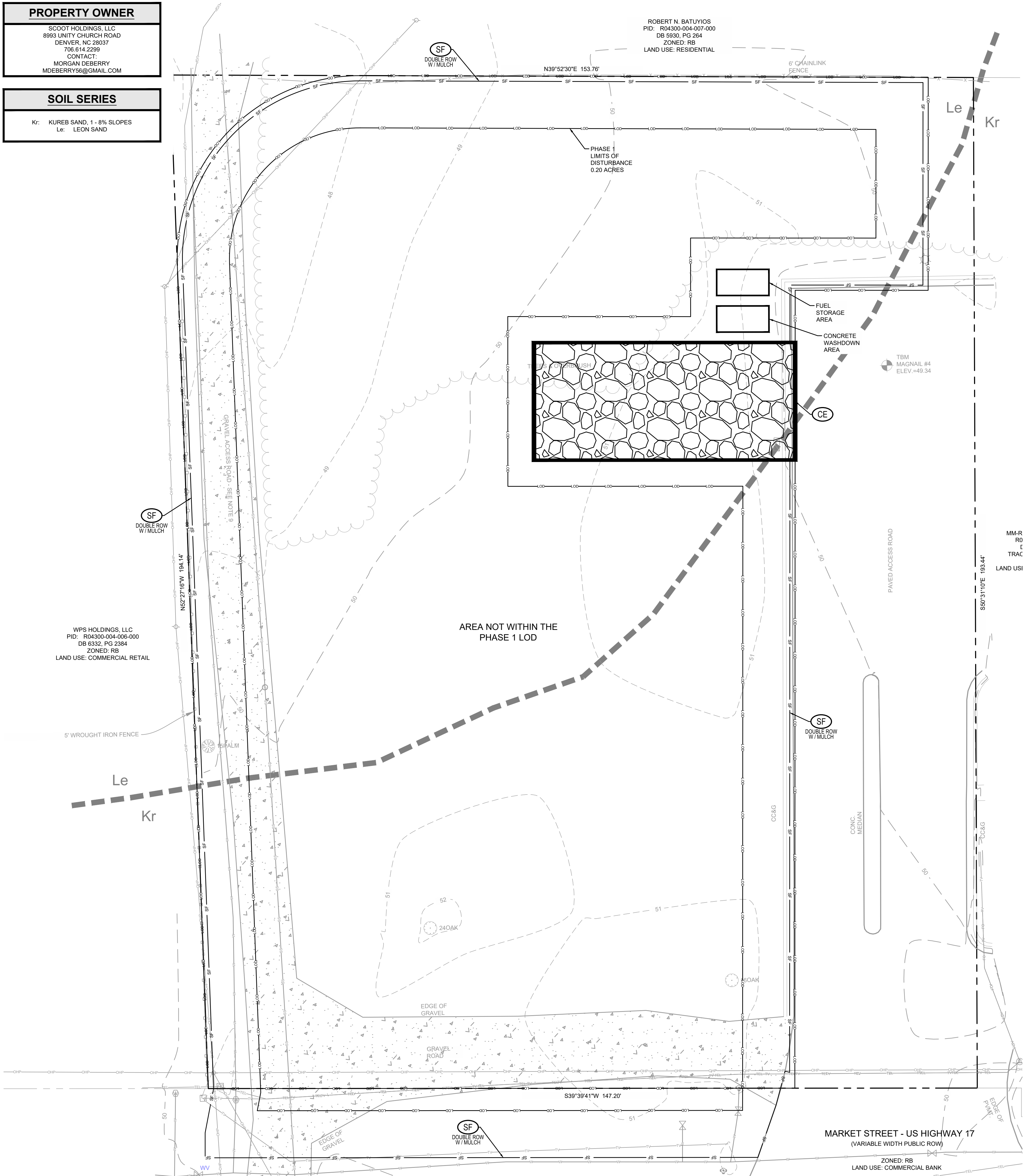
Drawing name: C:\Users\kyle.shape\OneDrive\Engineering\Dropbox\Shared\Federal\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CAD\DD\COM\STR\363006 - 03 - ESPC.dwg C-2.0 ESPC PLAN - PHASE 1 Feb 09, 2023 5:18pm by kyle.shape

PROPERTY OWNER

SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD
DENVER, NC 28037
706.614.2299
CONTACT:
MORGAN DEBERRY
MDEBERRY56@GMAIL.COM

SOIL SERIES

Kr: KUREB SAND, 1 - 8% SLOPES
Le: LEON SAND



EROSION CONTROL LEGEND

SF

TPF

SF

DI

CE

IP-SS

OP

TS

PS

M

SOD

SILT FENCE

TREE PROTECTION FENCE

SILT FENCE

DIVERSION

CONSTRUCTION ENTRANCE

CONSTRUCTION ENTRANCE

INLET PROTECTION - SILT SAVER

TEMPORARY STABILIZATION

PERMANENT STABILIZATION

MULCHING OR MATTING

SOD

EROSION CONTROL NARATIVE

SCOOTERS COFFEE, WILMINGTON, NC

CONTRACTOR WILL FIRST INSTALL THE CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL THEN MOBILIZE ON SITE AND INSTALL THE TEMPORARY EROSION CONTROL DEVICES INCLUDING SILT FENCE, TREE PROTECTION FENCE, AND DIVERSION DIKES IN ACCORDANCE WITH THE PLANS. BEGIN DEMOLITION, CLEARING AND SITE GRADING OPERATIONS. AREAS OUTSIDE THE LIMITS OF THE PROPOSED GRADING ARE TO BE SEED WITH PERMANENT SEEDING IMMEDIATELY AFTER THE STRUCTURE/PAVEMENT IS DEMOLISHED. STABILIZATION OF EARTHEN STRUCTURES IS REQUIRED IMMEDIATELY AFTER INSTALLATION. THE ON-SITE SANITARY SEWER AND WATER SYSTEMS MAY ALSO BE INSTALLED ONCE THE SITE IS BROUGHT TO GRADE. THE SITE PAD WILL BE PREPARED FOR THE PROPOSED BUILDING. THE ROUGH GRADE WILL THEN BE ESTABLISHED FOR THE SITE. THE DIVERSIONS AND TEMPORARY SEDIMENT TRAP SHALL BE MODIFIED ACCORDINGLY TO GRADE AND TREAT RUNOFF FROM THE GRADED AREA. INSTALLATION OF CURB AND GUTTER WILL BE PERFORMED AFTER GRADING THE SITE. BASE STONE WILL THEN BE PLACED AND FINE GRADED. ALL DISTURBED AREAS WILL BE DRESSED AND SEEDING/STABILIZED PER THE APPROVED EROSION CONTROL AND LANDSCAPE PLANS. PAVING AND RIPRIP WILL THEN BE COMPLETED. INSTALL OUTLET PROTECTION AND LEVEL SPREADER FOR THE FLUME ONCE UPSTREAM AREAS HAVE BEEN STABILIZED. ALL LANDSCAPING WILL BE COMPLETED (PER APPROVED PLANS). ALL ACCUMULATED SEDIMENT BEHIND SILT FENCE AND OTHER SEDIMENT DEVICES SHALL BE REMOVED AND DISPOSED OF IN A LEGAL MANNER. WITHIN 21 DAYS OF FINAL SITE STABILIZATION, REMOVE ALL REMAINING SEDIMENT CONTROL MEASURES FROM THE SITE. CONTRACTOR SHALL MINIMIZE THE LENGTH OF TIME BETWEEN INITIAL LAND DISTURBANCE AND FINAL VEGETATION STABILIZATION OF THE SITE.

THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES ARE INTENDED TO TRAP ANY STORMWATER RUNOFF FROM THE CONSTRUCTION SITE AND DETAIN IT LONG ENOUGH FOR SEDIMENT AND POLLUTANTS TO SETTLE OUT OF THE STORMWATER BEFORE DISCHARGE. VARIOUS EROSION CONTROL MEASURES ARE USED TO PREVENT POLLUTANT-LADEN STORMWATER RUNOFF FROM FLOWING ONTO ADJACENT PROPERTIES. THE CONTRACTOR SHALL AT HIS EXPENSE IMPLEMENT ADDITIONAL BMP'S, AS NECESSARY, TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.

SEDIMENT & EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENTATION CONTROL MEASURES (BMP'S) WERE DESIGNED USING THE NORTH CAROLINA NCDENR AND THE LOCAL JURISDICTION REQUIREMENTS AND SHALL BE INSTALLED ACCORDINGLY. CONTRACTOR SHALL PERFORM ALL ACTIVITIES IN STRICT COMPLIANCE WITH THE NORTH CAROLINA NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (GENERAL PERMIT). 2. REFER TO THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS FOR EROSION CONTROL DETAILS AND DESIGN TABLES FOR SEDIMENT BASINS, DIVERSION DITCHES, AND CULVERTS. 3. SLOPE DRAINS, RIP-RAP APRONS AND OTHER EROSION CONTROL MEASURES. 4. EXISTING BOUNDARIES, TOPOGRAPHY, 100-YR FLOODPLAIN, UTILITY AND ROAD INFORMATION TAKEN FROM AN EXISTING CONDITIONS SURVEY. ALL EXISTING INFORMATION IS TO BE FIELD VERIFIED BY THE CONTRACTOR. 5. SEE THE LANDSCAPE PLAN FOR LOCATIONS OF PROPOSED PLANTINGS AND FINAL STABILIZATION. 6. TEMPORARY DIVERSION DITCHES AND BERMS AND THE TEMPORARY SEDIMENT TRAP WILL BE MAINTAINED AS THE SITE IS BROUGHT TO GRADE. 7. DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE EROSION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE EROSION CONTROL INSPECTORS SO THAT PERIODIC INSPECTIONS CAN BE PERFORMED AT APPROPRIATE STAGES OF CONSTRUCTION. 8. SEE THE GENERAL NOTES SHEET AND THE GRADING AND DRAINAGE PLAN FOR OTHER NOTES REGARDING GRADING ACTIVITIES. 9. SEE SITE PLAN, GRADING AND DRAINAGE PLAN, UTILITY PLAN, PLANTING PLAN AND OTHER PLAN SHEETS FOR DETAILED DESIGN INFORMATION OF PERMANENT SITE APPURTENANCES SHOWN ON THIS SHEET. 10. WHERE THE LIMITS OF DISTURBANCE AND TEMPORARY FENCE (SF OR TPF) LIMITS ARE ADJACENT, THE TEMPORARY FENCE LINE IS THE LIMITS OF DISTURBANCE. THE LINE TYPES ARE SHOWN SEPARATED FOR ILLUSTRATIVE PURPOSES ONLY. 11. CONTRACTOR SHALL NOT DISTURB ANY EXISTING VEGETATIVE GROUND COVER OR TREES OUTSIDE OF THE LIMITS OF DISTURBANCE OR WITHIN ANY REQUIRED BUFFER LIMITS UNLESS OTHERWISE NOTED OR ILLUSTRATED. 12. PROVIDE CONTROLS OF POLLUTANTS, INCLUDING, BUT NOT LIMITED TO DUST CONTROL, DE-WATERING, SOLID WASTE DISPOSAL, AND HAZARDOUS MATERIALS. 13. CLEAR ONLY AS REQUIRED TO INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES OUTLINED IN THE PHASE 1 CONSTRUCTION SEQUENCE. MASS CLEARING AND GRUBBING CAN BEGIN ONLY AFTER ALL DOWNSTREAM MEASURES HAVE BEEN INSTALLED. 14. USE ROCK OR WASHED STONE TO BRING CONSTRUCTION EXT TO GRADE. IMPLEMENT WHEEL WASHES AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION. 15. DIVERT STORM WATER RUNOFF OFF THE FACE OF THE SEDIMENT BASIN SLOPES USING DIVERSION DITCHES AND SLOPE DRAINS. CONTRACTOR SHALL MAINTAIN AND RELOCATE DIVERSION DITCHES AND SLOPE DRAINS TO ENSURE STORM WATER RUNOFF DOES NOT ERODE THE FACE OF FINAL SLOPES. 16. MAINTAIN POSITIVE FLOW TO THE SEDIMENT BASINS THROUGHOUT ALL PHASES OF CONSTRUCTION. PLACE EXCAVATED SOILS ALONG DOWNSTREAM EDGE OF THE DIVERSION DITCHES TO PROVIDE ADDITIONAL CAPACITY. 17. REFER TO THE GRADING AND DRAINAGE PLAN FOR FINAL SITE AND PAVEMENT GRADES AND ELEVATIONS OF THE PROPOSED STORM SEWER SYSTEMS. 18. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE APPROVED EROSION AND SEDIMENT CONTROL DRAWINGS DURING CONSTRUCTION OPERATIONS. 19. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY. 20. ALL WORK SHALL BE CONFINED TO PERMIT LIMITS SHOWN ON PLANS. UNLESS OTHERWISE NOTED, THE SITE PLAN PROPERTY LIMITS SHALL BE CONSIDERED THE PERMIT LIMITS. 21. SUFFICIENT EROSION CONTROL PRACTICES MUST BE INSTALLED AND MAINTAINED TO RETAIN SEDIMENT WITHIN THE BOUNDARIES OF THE SITE. 22. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS SHOWN AND/OR DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR. 23. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK PROTECTION AND STABILIZATION SHALL BE REQUIRED AS PER LOCAL JURISDICTIONAL EROSION CONTROL LAWS. 24. ALL TREE PROTECTION AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED AND GROUND COVER IS ESTABLISHED. CONSTRUCTION ENTRANCE PADS SHALL BE INSTALLED BY THE CONTRACTOR AT CONSTRUCTION ACCESS POINTS PRIOR TO LAND DISTURBANCE. 25. ALL EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION IN ACCORDANCE WITH EASEMENT PLATS PRIOR TO ACCEPTANCE. 26. CONSTRUCTION LIMITS SHALL NOT BE EXCEEDED WITHOUT THE APPROVAL OF THE LOCAL JURISDICTION AND NCDENR.

24 HOUR CONTACT

MORGAN DEBERRY
706.614.2299
SCOOT HOLDINGS, LLC

NOTE

CONTRACTOR IS RESPONSIBLE FOR THE SEQUENCE AND TIMING OF ALL EROSION AND SEDIMENT CONTROL MEASURES. PHASING PLANS ARE ONLY A GENERAL GUIDE TO EROSION AND SEDIMENT CONTROL REQUIREMENTS AS DEVELOPMENT OCCURS.

GENERAL EROSION CONTROL NOTES

1.) ALL BEST MANAGEMENT PRACTICES ARE TO BE IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN NORTH CAROLINA, PUBLISHED BY THE NORTH CAROLINA DIVISION OF WATER RESOURCES. 2.) BOUNDARY & TOPOGRAPHIC SURVEY BY STEWART, DATED AUGUST 15, 2022. BENCHMARK IS NOTED ON SURVEY. 3.) SOIL TYPES FOR ENTIRE DISTURBED AREA IS KR & LE PER NRCS WEB SOIL SURVEY. 4.) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES. 5.) EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION. 6.) SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, AS REQUIRED, INDICATING THE 1/3 FULL VOLUME. 7.) MAINTENANCE OF ALL SOIL, EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER. 8.) WASHOUT OF CONCRETE DRUM AT CONSTRUCTION SITE IS PROHIBITED AND NOT ALLOWED IN WASH AREAS.

TOTAL SITE AREA = 0.67 ACRES
TOTAL DISTURBED AREA = 0.60 ACRES
PHASE 1 DISTURBED AREA = 0.20 ACRES

NORTH CAROLINA CONTROL NOTES

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NCDENR EROSION AND SEDIMENT CONTROL HANDBOOK. 2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN THROUGHOUT THE PROJECT CONSTRUCTION ALL EROSION CONTROL MEASURES SHOWN WITHIN THESE PLANS IN ACCORDANCE WITH APPLICABLE NORTH CAROLINA EROSION AND SEDIMENT CONTROL REGULATIONS. 3. CONSTRUCTION WORK SHALL BE IN COMPLIANCE WITH REGULATIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER GENERAL PERMIT. 4. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR LAND DISTURBANCE. 5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES. 6. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE EROSION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE NCDENR EROSION CONTROL INSPECTOR SO THAT PERIODIC INSPECTIONS CAN BE PERFORMED AT APPROPRIATE STAGES OF CONSTRUCTION. 7. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS. A REVISED PLAN SHOWING OFF-SITE IMPACTS SHOULD BE SUBMITTED AND APPROVED PRIOR TO BEGINNING OFF-SITE GRADING. CONTACT PROJECT ENGINEER AND PROJECT EROSION CONTROL INSPECTOR TO ENSURE ADDITIONAL EROSION CONTROL MEASURES ARE INSTALLED PRIOR TO OFF-SITE GRADING. 8. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO OFF-SITE BORROW OR WASTE AREAS, STAGING OR STORAGE AREAS, OR PAVED AREAS), THE CONTRACTOR SHALL PREPARE AND SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND TO NCDENR FOR APPROVAL. CONTRACTOR SHALL PAY ALL FEES REQUIRED AND SHALL INSTALL NECESSARY MEASURES TO PREVENT EROSION AT SEPARATE LOCATIONS. THE CONTRACTOR SHALL PROVIDE THE OWNER AND THE ENGINEER A COPY OF THE AMENDED PERMIT. 9. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY, RELOCATED WHEN AND AS NECESSARY, AND SHALL BE CHECKED AFTER EVERY RAINFALL. SEEDING AREAS SHALL BE CHECKED REGULARLY AND SHALL BE WATERED, FERTILIZED, RE-SEEDING AND MULCHED AS NECESSARY TO OBTAIN A DENSE STAND OF GRASS. 10. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. ALL DISTURBED AREAS WHICH ARE NOT OTHERWISE STABILIZED SHALL BE TOP SOILED AND SEEDING, TEMPORARILY OR PERMANENTLY IN ACCORDANCE WITH THE NCDENR SEDIMENT CONTROL REGULATIONS. PERMANENT SEEDING AND GRASS ESTABLISHMENT IS REQUIRED PRIOR TO PROJECT COMPLETION AND ACCEPTANCE. 11. WHEN A CRUSHED STONE CONSTRUCTION ENTRANCE HAS BEEN COVERED WITH SOIL OR HAS BEEN PUSHED INTO THE SOIL BY CONSTRUCTION TRAFFIC, IT SHALL BE REPLACED WITH A DEPTH OF STONE EQUAL TO THAT OF THE ORIGINAL APPLICATION. 12. TEMPORARY GRAVEL CONSTRUCTION ENTRANCES SHALL BE REQUIRED AT ALL CONSTRUCTION STAGING AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREA. SIX INCHES OF STONE SHALL BE USED FOR THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE. 13. ALL DRAINAGE INLETS SHALL BE PROTECTED FROM SILTATION. INEFFECTIVE PROTECTION DEVICES SHALL BE IMMEDIATELY REPLACED AND THE INLET CLEANED. FLUSHING IS NOT AN ACCEPTABLE METHOD OF CLEANING. 14. 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. 15. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS COMPLETED. 16. DURING DE-WATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING OUTLET. 17. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL MEASURES SHALL BE MADE IMMEDIATELY.

CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN RECEIVED AND THAT THOSE REQUIRED TO BE DISPLAYED ON-SITE ARE AVAILABLE. 2. CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS BEFORE THE ACTUAL START OF CONSTRUCTION. CONTACT NCDENR INSPECTOR. 3. CONTRACTOR SHALL CONTACT CAROLINA ONE CALL AND ALL ENTITIES HAVING BURIED UTILITIES AT LEAST 72 HOURS PRIOR TO DIGGING OR AS DIRECTED AT THE PRE-CONSTRUCTION MEETING. 4. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES AT EACH POINT OF ACCESS TO STORAGE AND CONSTRUCTION AREAS. 5. INITIAL PHASE SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH PLANS BEFORE STARTING WORK INCLUDING SILT FENCE, TEMPORARY SEDIMENT BASIN, DIVERSION DITCHES, TREE PROTECTION, ETC., CLEARING ONLY AS NECESSARY FOR THE INSTALLATION OF THESE MEASURES. 6. CONTRACTOR SHALL INCLUDE A RAIN GAUGE AND LOG BOOK CONTAINING THE INSPECTION RECORDS FOR THE SITE. 7. CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL MEASURES. ALL APPLICABLE EROSION CONTROL MEASURES MUST BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED. 8. STOCKPILE RIP-RAP ON SITE AND INSTALL ALL OTHER EROSION CONTROL MEASURES WHERE THE WORK IS OCCURRING. THE CONTRACTOR SHALL NOT INSTALL EROSION CONTROL MEASURES IN AREAS WHERE THE WORK WILL NOT OCCUR FOR SOME TIME. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER OR UPON RECOMMENDATION OF NCDENR INSPECTION PERSONNEL AS CONDITIONS WARRANT. 9. IN AREAS WHERE IT IS NOT FEASIBLE TO INSTALL EROSION CONTROL DEVICES, ALL DISTURBED AREAS MUST BE SEEDING AND MULCHED BY THE CONTRACTOR WITHIN THREE DAYS OF INITIAL DISTURBANCE. TEMPORARY SEEDING SHALL BE REQUIRED ON ALL OTHER AREAS TO BE DISTURBED FOR A PERIOD OF 10 DAYS OR LONGER. 10. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISHED GRADE. 11. UPON COMPLETION OF THE INSTALLATION AND WITH APPROVAL OF NCDENR, ALL EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER. EACH SECTION SHALL BE SEEDING AT THE EARLIEST POSSIBLE DATE. COORDINATE WITH THE EROSION CONTROL INSPECTOR PRIOR TO REMOVAL OF EROSION CONTROL MEASURES. 12. CONTRACTOR SHALL NOT CONVERT TO PERMANENT BMP FACILITY UNTIL UPSTREAM AREAS ARE STABILIZED, AS PART OF THE CONVERSION FROM THE TO THE PERMANENT STORMWATER BMP ALL ACCUMULATED SEDIMENT WITHIN THE BASIN SHALL BE REMOVED AND DISPOSED OF IN A SUITABLE MANNER. INSTALL FINAL EROSION CONTROL MEASURES AND PERMANENTLY SEED/OD EXPOSED AREAS. 13. ONCE GROUND COVER IS FIRMLY ESTABLISHED, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITH THE APPROVAL OF NCDENR INSPECTOR. 14. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION & SEDIMENT CONTROL PLANING AND DESIGN MANUAL NCDOT, U.S. DEPT. OF AGRICULTURE, AND COUNTY STANDARDS.

ESPC INSPECTIONS

IN ADDITION TO THE REQUIREMENT DURING CONSTRUCTION FOR INSPECTION AFTER EVERY RAINFALL, THE APPLICANT SHALL INSPECT THE EROSION AND SEDIMENT CONTROL DEVICES AND OFFSITE ROADWAYS DAILY, MAKE ANY NECESSARY REPAIRS OR ADJUSTMENTS TO THE DEVICES, REMOVE DEPOSITION OF WET OR DRY SILT ON ADJACENT ROADWAYS AND MAINTAIN INSPECTION LOGS DOCUMENTING THE DAILY INSPECTIONS AND ANY NECESSARY REPAIRS.

SCALE & NORTH ARROW:

NORTH ARROW

SCALE: 1" = 10'

DESIGN INFO:

DRAWN BY: MAT
DESIGNED BY: MAT
REVIEWED BY: TKS
JOB #: 363006
DATE: --

ESPC PLAN - PHASE 1

C-2.0

PREPARED IN THE OFFICE OF:

GASKINS
+LECRAW

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www.gaskinslecraw.com
P-2646

REVISIONS:

NO.	DATE	BY	CHKD.	REVISION
1	12/08/22	MAT	TKS	CFLA COMMENTS
2	02/02/23	MAT	TKS	TRC COMMENTS

CLIENT

SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT

SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

NORTH CAROLINA
REGISTERED PROFESSIONAL ENGINEER
KYLE SHAPE
2/9/2023

CALL BEFORE YOU DIG

North 811
Carolina
www.nc811.org

SCALE & NORTH ARROW:

NORTH ARROW

SCALE: 1" = 10'

DESIGN INFO:

DRAWN BY: MAT
DESIGNED BY: MAT
REVIEWED BY: TKS
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DATE: --

ESPC PLAN - PHASE 1

C-2.0

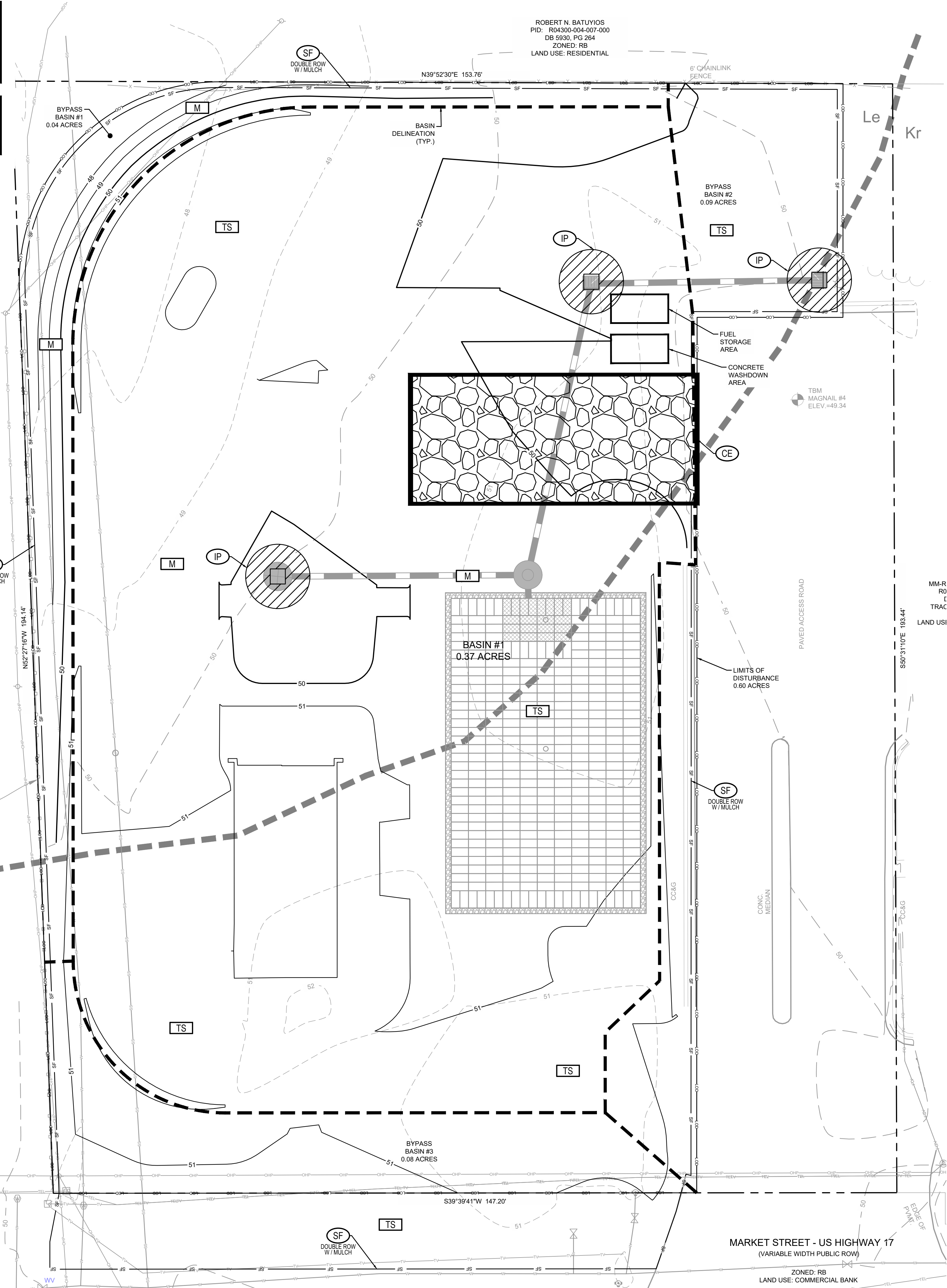
Drawing name: C:\Users\kyle.shape\Engineering\Dropbox\Shared\Federal\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\COMMENTS\363006 - 03 - ESPC.dwg C-2.1 ESPC PLAN - PHASE 2 Feb 09, 2023 5:18pm by kyle.shape

PROPERTY OWNER

SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD
DENVER, NC 28037
706.614.2299
CONTACT:
MORGAN DEBERRY
MDEBERRY56@GMAIL.COM

SOIL SERIES

Kr: KUREB SAND, 1 - 8% SLOPES
Le: LEON SAND



EROSION CONTROL LEGEND

SF

SILT FENCE

TPF

TREE PROTECTION FENCE

DI

DIVERSION

CE

CONSTRUCTION ENTRANCE

IP-SS

CONSTRUCTION ENTRANCE

OP

INLET PROTECTION - SILT SAVER

TS

TEMPORARY STABILIZATION

PS

PERMANENT STABILIZATION

M

MULCHING OR MATTING

SOD

SOD

EROSION CONTROL NARATIVE

SCOOTERS COFFEE, WILMINGTON, NC

CONTRACTOR WILL FIRST INSTALL THE CONSTRUCTION ENTRANCE. THE CONTRACTOR SHALL THEN MOBILIZE ON SITE AND INSTALL THE TEMPORARY EROSION CONTROL DEVICES INCLUDING SILT FENCE, TREE PROTECTION FENCE, AND DIVERSION DIKES IN ACCORDANCE WITH THE PLANS. BEGIN DEMOLITION, CLEARING AND SITE GRADING OPERATIONS. AREAS OUTSIDE THE LIMITS OF THE PROPOSED GRADING ARE TO BE SEEDED WITH PERMANENT SEEDING IMMEDIATELY AFTER THE STRUCTURE/PAVEMENT IS DEMOLISHED. STABILIZATION OF EARTHEN STRUCTURES IS REQUIRED IMMEDIATELY AFTER INSTALLATION. THE ON-SITE SANITARY SEWER AND WATER SYSTEMS MAY ALSO BE INSTALLED ONCE THE SITE IS BROUGHT TO GRADE. THE SITE PAD WILL BE PREPARED FOR THE PROPOSED BUILDING. THE ROUGH GRADE WILL THEN BE ESTABLISHED FOR THE SITE. THE DIVERSIONS AND TEMPORARY SEDIMENT TRAP SHALL BE MODIFIED ACCORDINGLY TO CAPTURE AND TREAT RUNOFF FROM THE GRADED AREA. INSTALLATION OF CURB AND GUTTER WILL BE PERFORMED AFTER GRADING THE SITE. BASE STONE WILL THEN BE PLACED AND FINE GRADED. ALL DISTURBED AREAS WILL BE DRESSED AND SEEDING/STABILIZED PER THE APPROVED EROSION CONTROL AND LANDSCAPE PLANS. PAVING AND STRIPING WILL THEN BE COMPLETED. INSTALL OUTLET PROTECTION AND LEVEL SPREADER. THE LIME ONCE UPSTREAM AREAS HAVE BEEN STABILIZED. ALL LANDSCAPING WILL BE COMPLETED (PER APPROVED PLANS). ALL ACCUMULATED SEDIMENT BEHIND SILT FENCE AND OTHER SEDIMENT DEVICES SHALL BE REMOVED AND DISPOSED OF IN A LEGAL MANNER. WITHIN 21 DAYS OF FINAL SITE STABILIZATION, REMOVE ALL REMAINING SEDIMENT CONTROL MEASURES FROM THE SITE. CONTRACTOR SHALL MINIMIZE THE LENGTH OF TIME BETWEEN INITIAL LAND DISTURBANCE AND FINAL VEGETATION STABILIZATION OF THE SITE.

THE PROPOSED EROSION AND SEDIMENT CONTROL MEASURES ARE INTENDED TO TRAP ANY STORMWATER RUNOFF FROM THE CONSTRUCTION SITE AND DETAIN IT LONG ENOUGH FOR SEDIMENT AND POLLUTANTS TO SETTLE OUT OF THE STORMWATER BEFORE DISCHARGE. VARIOUS EROSION CONTROL MEASURES ARE USED TO PREVENT POLLUTANT-LADEN STORMWATER RUNOFF FROM FLOWING ONTO ADJACENT PROPERTIES. THE CONTRACTOR SHALL AT HIS EXPENSE IMPLEMENT ADDITIONAL BMPs, AS NECESSARY, TO PREVENT THE ESCAPE OF SEDIMENT FROM THE SITE.

SEDIMENT & EROSION CONTROL NOTES

1. THE EROSION AND SEDIMENTATION CONTROL MEASURES (BMPs) WERE DESIGNED USING THE NORTH CAROLINA NCDENR AND THE LOCAL JURISDICTION REQUIREMENTS AND SHALL BE INSTALLED ACCORDINGLY. CONTRACTOR SHALL PERFORM ALL ACTIVITIES IN STRICT COMPLIANCE WITH THE NORTH CAROLINA NPDES GENERAL PERMIT FOR STORM WATER DISCHARGES FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (GENERAL PERMIT).

2. REFER TO THE EROSION AND SEDIMENT CONTROL DETAIL SHEETS FOR EROSION CONTROL DETAILS AND DESIGN TABLES FOR SEDIMENT BASINS, DIVERSION DITCHES, AND CULVERTS, SLOPE DRAINS, RIP-RAP APRONS AND OTHER EROSION CONTROL MEASURES.

3. EXISTING BOUNDARIES, TOPOGRAPHY, 100-YR FLOODPLAIN, UTILITY AND ROAD INFORMATION TAKEN FROM AN EXISTING CONDITIONS SURVEY. ALL EXISTING INFORMATION IS TO BE FIELD VERIFIED BY THE CONTRACTOR.

4. SEE THE LANDSCAPE PLAN FOR LOCATIONS OF PROPOSED PLANTINGS AND FINAL STABILIZATION.

5. TEMPORARY DIVERSION DITCHES AND BERMS AND THE TEMPORARY SEDIMENT TRAP WILL BE MAINTAINED AS THE SITE IS BROUGHT TO GRADE.

6. DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE EROSION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE EROSION CONTROL INSPECTORS SO THAT PERIODIC INSPECTIONS CAN BE PERFORMED AT APPROPRIATE STAGES OF CONSTRUCTION.

7. SEE THE GENERAL NOTES SHEET AND THE GRADING AND DRAINAGE PLAN FOR OTHER NOTES REGARDING GRADING ACTIVITIES.

8. SEE SITE PLAN, GRADING AND DRAINAGE PLAN, UTILITY PLAN, PLANTING PLAN AND OTHER PLAN SHEETS FOR DETAILED DESIGN INFORMATION OF PERMANENT SITE APPURTENANCES SHOWN ON THIS SHEET.

9. WHERE THE LIMITS OF DISTURBANCE AND TEMPORARY FENCE (SF OR TPF) LIMITS ARE ADJACENT, THE TEMPORARY FENCE LINE IS THE LIMITS OF DISTURBANCE. THE LINE TYPES ARE SHOWN SEPARATED FOR ILLUSTRATIVE PURPOSES ONLY.

10. CONTRACTOR SHALL NOT DISTURB ANY EXISTING VEGETATIVE GROUND COVER OR TREES OUTSIDE OF THE LIMITS OF DISTURBANCE OR WITHIN ANY REQUIRED BUFFER LIMITS UNLESS OTHERWISE NOTED OR ILLUSTRATED.

11. PROVIDE CONTROLS OF POLLUTANTS, INCLUDING, BUT NOT LIMITED TO DUST CONTROL, DE-WATERING, SOLID WASTE DISPOSAL, AND HAZARDOUS MATERIALS.

12. CLEAR ONLY AS REQUIRED TO INSTALL EROSION AND SEDIMENTATION CONTROL MEASURES OUTLINED IN THE PHASE 1 CONSTRUCTION SEQUENCE. MASS CLEARING AND GRUBBING CAN BEGIN ONLY AFTER ALL DOWNSTREAM MEASURES HAVE BEEN INSTALLED.

13. USE ROCK OR WASHED STONE TO BRING CONSTRUCTION EXT TO GRADE. IMPLEMENT WHEEL WASHES AS NECESSARY THROUGHOUT ALL PHASES OF CONSTRUCTION.

14. DIVERT STORM WATER RUNOFF OFF THE FACE OF THE SEDIMENT BASIN SLOPES USING DIVERSION DITCHES AND SLOPE DRAINS. CONTRACTOR SHALL MAINTAIN AND RELOCATE DIVERSION DITCHES AND SLOPE DRAINS TO ENSURE STORM WATER RUNOFF DOES NOT ERODE THE FACE OF FINAL SLOPES.

15. MAINTAIN POSITIVE FLOW TO THE SEDIMENT BASINS THROUGHOUT ALL PHASES OF CONSTRUCTION. PLACE EXCAVATED SOILS ALONG DOWNSTREAM EDGE OF THE DIVERSION DITCHES TO PROVIDE ADDITIONAL CAPACITY.

16. REFER TO THE GRADING AND DRAINAGE PLAN FOR FINAL SITE AND PAVEMENT GRADES AND ELEVATIONS OF THE PROPOSED STORM SEWER SYSTEMS.

17. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE APPROVED EROSION AND SEDIMENT CONTROL DRAWINGS DURING CONSTRUCTION OPERATIONS.

18. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.

19. ALL WORK SHALL BE CONFINED TO PERMIT LIMITS SHOWN ON PLANS. UNLESS OTHERWISE NOTED, THE SITE PLAN PROPERTY LIMITS SHALL BE CONSIDERED THE PERMIT LIMITS.

20. SUFFICIENT EROSION CONTROL PRACTICES MUST BE INSTALLED AND MAINTAINED TO RETAIN SEDIMENT WITHIN THE BOUNDARIES OF THE SITE.

21. ADDITIONAL EROSION CONTROL MEASURES OR SILT BARRIERS TO BE PLACED AS SHOWN AND/OR DIRECTED BY THE PROJECT ENGINEER AND/OR LOCAL JURISDICTIONAL INSPECTOR.

22. FOR ALL CONSTRUCTION ALONG AND/OR ACROSS WATERWAYS, BANK PROTECTION AND STABILIZATION SHALL BE REQUIRED AS PER LOCAL JURISDICTIONAL EROSION CONTROL LAWS.

23. ALL TREE PROTECTION AND EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION AND SHALL BE MAINTAINED IN PROPER WORKING ORDER UNTIL ALL DISTURBED AREAS ARE STABILIZED AND GROUND COVER IS ESTABLISHED. CONSTRUCTION ENTRANCE PADS SHALL BE INSTALLED BY THE CONTRACTOR AT CONSTRUCTION ACCESS POINTS PRIOR TO LAND DISTURBANCE.

24. ALL EASEMENTS DISTURBED MUST BE DRESSED AND GRASSED TO CONTROL EROSION IN ACCORDANCE WITH EASEMENT PLATS PRIOR TO ACCOMPLISHING.

25. CONSTRUCTION LIMITS SHALL NOT BE EXCEEDED WITHOUT THE APPROVAL OF THE LOCAL JURISDICTION AND NCDENR.

24 HOUR CONTACT

MORGAN DEBERRY
706.614.2299
SCOOT HOLDINGS, LLC

GENERAL EROSION CONTROL NOTES

1.) ALL BEST MANAGEMENT PRACTICES ARE TO BE IN ACCORDANCE WITH THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN NORTH CAROLINA, PUBLISHED BY THE NORTH CAROLINA DIVISION OF WATER RESOURCES.

2.) BOUNDARY & TOPOGRAPHIC SURVEY BY STEWART, DATED AUGUST 15, 2022. BENCHMARK IS NOTED ON SURVEY.

3.) SOIL TYPES FOR ENTIRE DISTURBED AREA IS KR & LE PER NRCS WEB SOIL SURVEY.

4.) THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED PRIOR TO LAND DISTURBING ACTIVITIES.

5.) EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE MAINTAINED AT ALL TIMES. IF FIELD INSPECTION PROVIDES THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION.

6.) SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, AS REQUIRED, INDICATING THE 1/3 FULL VOLUME.

7.) MAINTENANCE OF ALL SOIL, EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER.

8.) WASHOUT OF CONCRETE DRUM AT CONSTRUCTION SITE IS PROHIBITED AND NOT ALLOWED IN WASH AREAS.

TOTAL SITE AREA = 0.67 ACRES
TOTAL DISTURBED AREA = 0.60 ACRES
PHASE 2 DISTURBED AREA = 0.60 ACRES

NORTH CAROLINA CONTROL NOTES

1. UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE NCDENR EROSION AND SEDIMENT CONTROL HANDBOOK.

2. THE CONTRACTOR SHALL INSTALL AND MAINTAIN THROUGHOUT THE PROJECT CONSTRUCTION ALL EROSION CONTROL MEASURES SHOWN WITHIN THESE PLANS IN ACCORDANCE WITH APPLICABLE NORTH CAROLINA EROSION AND SEDIMENT CONTROL REGULATIONS.

3. CONSTRUCTION WORK SHALL BE IN COMPLIANCE WITH REGULATIONS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER GENERAL PERMIT.

4. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO CLEARING AND/OR LAND DISTURBANCE.

5. A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN AND PERMIT SHALL BE MAINTAINED ON THE SITE AT ALL TIMES.

6. THE CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL DEVICES AND STRUCTURES TO MINIMIZE EROSION. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE NCDENR EROSION CONTROL INSPECTOR SO THAT PERIODIC INSPECTIONS CAN BE PERFORMED AT APPROPRIATE STAGES OF CONSTRUCTION.

7. APPROVAL OF THIS PLAN IS NOT AN AUTHORIZATION TO GRADE ADJACENT PROPERTIES. WHEN FIELD CONDITIONS WARRANT OFF-SITE GRADING, PERMISSION MUST BE OBTAINED FROM THE AFFECTED PROPERTY OWNERS. A REVISED PLAN SHOWING OFF-SITE IMPACTS SHOULD BE SUBMITTED AND APPROVED PRIOR TO BEGINNING OFF-SITE GRADING. CONTACT PROJECT ENGINEER AND PROJECT EROSION CONTROL INSPECTOR TO ENSURE ADDITIONAL EROSION CONTROL MEASURES ARE INSTALLED PRIOR TO OFF-SITE GRADING.

8. PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO OFF-SITE BORROW OR WASTE AREAS, STAGING OR STORAGE AREAS, OR PAVED AREAS), THE CONTRACTOR SHALL PREPARE AND SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND TO NCDENR FOR APPROVAL. CONTRACTOR SHALL PAY ALL FEES REQUIRED AND SHALL INSTALL NECESSARY MEASURES AT A SEPARATE AREA. THE CONTRACTOR SHALL PROVIDE THE OWNER AND THE ENGINEER A COPY OF THE AMENDED PERMIT.

9. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED CONTINUOUSLY, RELOCATED WHEN AND AS NECESSARY, AND SHALL BE CHECKED AFTER EVERY RAINFALL. SEEDING AREAS SHALL BE CHECKED REGULARLY AND SHALL BE WATERED, FERTILIZED, RE-SEEDING AND MULCHED AS NECESSARY TO OBTAIN A DENSE STAND OF GRASS.

10. STABILIZATION IS THE BEST FORM OF EROSION CONTROL. ALL DISTURBED AREAS WHICH ARE NOT OTHERWISE STABILIZED SHALL BE TOP SOILED AND SEEDING, TEMPORARILY OR PERMANENTLY IN ACCORDANCE WITH THE NCDENR SEDIMENT CONTROL REGULATIONS. PERMANENT SEEDING AND GRASS ESTABLISHMENT IS REQUIRED PRIOR TO PROJECT COMPLETION AND ACCEPTANCE.

11. WHEN A CRUSHED STONE CONSTRUCTION ENTRANCE HAS BEEN COVERED WITH SOIL OR HAS BEEN PUSHED INTO THE SOIL BY CONSTRUCTION TRAFFIC, IT SHALL BE REPLACED WITH A DEPTH OF STONE EQUAL TO THAT OF THE ORIGINAL APPLICATION.

12. TEMPORARY GRAVEL CONSTRUCTION ENTRANCES SHALL BE REQUIRED AT ALL CONSTRUCTION STAGING AREA ENTRANCES AND ALL CONSTRUCTION ACCESS LOCATIONS INTO NON-PAVED AREA. SIX INCHES OF STONE SHALL BE USED FOR THE TEMPORARY GRAVEL CONSTRUCTION ENTRANCE.

13. ALL DRAINAGE INLETS SHALL BE PROTECTED FROM SILTATION. INEFFECTIVE PROTECTION DEVICES SHALL BE IMMEDIATELY REPLACED AND THE INLET CLEANED. FLUSHING IS NOT AN ACCEPTABLE METHOD OF CLEANING.

14. 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.

15. ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS COMPLETED.

16. DURING DE-WATERING OPERATIONS, WATER SHALL BE PUMPED INTO AN APPROVED FILTERING DEVICE PRIOR TO DISCHARGE TO RECEIVING OUTLET.

17. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN RECEIVED AND THAT THOSE REQUIRED TO BE DISPLAYED ON-SITE ARE AVAILABLE.

2. CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS BEFORE THE ACTUAL START OF CONSTRUCTION. CONTACT NCDENR INSPECTOR.

3. CONTRACTOR SHALL CONTACT CAROLINA ONE CALL AND ALL ENTITIES HAVING BURIED UTILITIES AT LEAST 72 HOURS PRIOR TO DIGGING OR AS DIRECTED AT THE PRE-CONSTRUCTION MEETING.

4. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES AT EACH POINT OF ACCESS TO STORAGE AND CONSTRUCTION AREAS.

5. INITIAL PHASE SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH PLANS BEFORE STARTING WORK INCLUDING SILT FENCE, TEMPORARY SEDIMENT BASIN, DIVERSION DITCHES, TREE PROTECTION, ETC., CLEARING ONLY AS NECESSARY FOR THE INSTALLATION OF THESE MEASURES.

6. CONTRACTOR SHALL INCLUDE A RAIN GAUGE AND LOG BOOK CONTAINING THE INSPECTION RECORDS FOR THE SITE.

7. CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL MEASURES. ALL APPLICABLE EROSION CONTROL MEASURES MUST BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED.

8. STOCKPILE RIP-RAP ON SITE AND INSTALL ALL OTHER EROSION CONTROL MEASURES WHERE THE WORK IS OCCURRING. THE CONTRACTOR SHALL NOT INSTALL EROSION CONTROL MEASURES IN AREAS WHERE THE WORK WILL NOT OCCUR FOR SOME TIME. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER OR UPON RECOMMENDATION OF NCDENR INSPECTION PERSONNEL AS CONDITIONS WARRANT.

9. IN AREAS WHERE IT IS NOT FEASIBLE TO INSTALL EROSION CONTROL DEVICES, ALL DISTURBED AREAS MUST BE SEEDING AND MULCHED BY THE CONTRACTOR WITHIN THREE DAYS OF INITIAL DISTURBANCE. TEMPORARY SEEDING SHALL BE REQUIRED ON ALL OTHER AREAS TO BE DISTURBED FOR A PERIOD OF 10 DAYS OR LONGER.

10. STABILIZE SITE AS AREAS ARE BROUGHT UP TO FINISHED GRADE.

11. UPON COMPLETION OF THE INSTALLATION AND WITH APPROVAL OF NCDENR, ALL EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER. EACH SECTION SHALL BE SEEDING AT THE EARLIEST POSSIBLE DATE. COORDINATE WITH THE EROSION CONTROL INSPECTOR PRIOR TO REMOVAL OF EROSION CONTROL MEASURES.

12. CONTRACTOR SHALL NOT CONVERT TO PERMANENT BMP FACILITY UNTIL UPSTREAM AREAS ARE STABILIZED, AS PART OF THE CONVERSION FROM THE TO THE PERMANENT STORMWATER BMP ALL ACCUMULATED SEDIMENT WITHIN THE BASIN SHALL BE REMOVED AND DISPOSED OF IN A SUITABLE MANNER. INSTALL FINAL EROSION CONTROL MEASURES AND PERMANENTLY SEED/GRASS EXPOSED AREAS.

13. ONCE GROUND COVER IS FIRMLY ESTABLISHED, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITH THE APPROVAL OF NCDENR INSPECTOR.

14. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. EROSION & SEDIMENT CONTROL PLANNING AND DESIGN MANUAL NCDOT, U.S. DEPT. OF AGRICULTURE, AND COUNTY STANDARDS.

ESPC INSPECTIONS

IN ADDITION TO THE REQUIREMENT DURING CONSTRUCTION INSPECTION AFTER EVERY RAINFALL, THE APPLICANT SHALL INSPECT THE EROSION AND SEDIMENT CONTROL DEVICES AND OFFSITE ROADWAYS DAILY, MAKE ANY NECESSARY REPAIRS OR ADJUSTMENTS TO THE DEVICES, REMOVE DEPOSITION OF WET OR DRY SILT ON ADJACENT ROADWAYS AND MAINTAIN INSPECTION LOGS DOCUMENTING THE DAILY INSPECTIONS AND ANY NECESSARY REPAIRS.

NOTE

CONTRACTOR IS RESPONSIBLE FOR THE SEQUENCE AND TIMING OF ALL EROSION AND SEDIMENT CONTROL MEASURES. PHASING PLANS ARE ONLY A GENERAL GUIDE TO EROSION AND SEDIMENT CONTROL REQUIREMENTS AS DEVELOPMENT OCCURS.

PREPARED IN THE OFFICE OF:

G

GASKINS
+LECRAW

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P-2646

REVISIONS:

NO.	DATE	BY	REVISION
1	12/08/22	MA	TRC COMMENTS
2	02/02/23	TKS	CFLA COMMENTS

CLIENT

SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT

SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

NORTH CAROLINA
REGISTERED PROFESSIONAL
ENGINEER
KYLE SHAPE
2/9/2023

CALL BEFORE YOU DIG

North Carolina
811
www.nc811.org

SCALE & NORTH ARROW:

N

NORTH ARROW

0' 5' 10' 20'
SCALE: 1" = 10'

DESIGN INFO:

DRAWN BY: MAT

DESIGNED BY: MAT

REVIEWED BY: TKS

JOB #: 363006

DATE: --

ESPC PLAN - PHASE 2

C-2.1

[illegible]

24 HOUR CONTACT
MORGAN DEBERRY
706.614.2299
SCOOT HOLDINGS, LLC

CONSTRUCTION SEQUENCE

1. CONTRACTOR SHALL ENSURE THAT ALL NECESSARY PERMITS HAVE BEEN RECEIVED AND THAT THOSE REQUIRED TO BE DISPLAYED ON-SITE ARE AVAILABLE.
2. CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING AT LEAST 48 HOURS BEFORE THE ACTUAL START OF CONSTRUCTION. CONTACT NCDNR INSPECTOR.
3. CONTRACTOR SHALL CONTACT CAROLINA ONE CALL AND ALL ENTITIES HAVING BURIED UTILITIES AT LEAST 72 HOURS PRIOR TO DIGGING OR AS DIRECTED AT THE PRE-CONSTRUCTION MEETING.
4. CONTRACTOR SHALL INSTALL TEMPORARY CONSTRUCTION ENTRANCES AT EACH POINT OF ACCESS TO STORAGE AND CONSTRUCTION AREAS.
5. INITIAL EROSION CONTROL AND EROSION CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH PLANS BEFORE STARTING WORK INCLUDING SILT FENCE, TEMPORARY SEDIMENT BASIN, DIVERSION DITCHES, TREE PROTECTION, ETC., CLEARING ONLY AS NECESSARY FOR THE INSTALLATION OF THESE MEASURES.
6. CONTRACTOR SHALL INCLUDE A RAIN GAUGE AND LOG BOOK CONTAINING THE INSPECTION RECORDS FOR THE SITE.
7. CONTRACTOR SHALL DILIGENTLY AND CONTINUOUSLY MAINTAIN ALL EROSION CONTROL MEASURES. ALL APPLICABLE E&S CONTROL MEASURES MUST BE MAINTAINED UNTIL PERMANENT VEGETATION IS ESTABLISHED.
8. STOCKPILE AND RIP-RAP ON SITE AND INSTALL ALL OTHER EROSION CONTROL MEASURES WHERE THE WORK IS OCCURRING. THE CONTRACTOR SHALL NOT INSTALL EROSION CONTROL MEASURES IN AREAS WHERE THE WORK WILL NOT OCCUR FOR SOME TIME. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER OR UPON RECOMMENDATION OF NCDNR INSPECTION PERSONNEL AS CONDITIONS WARRANT.
9. IN AREAS WHERE IT IS NOT FEASIBLE TO INSTALL EROSION CONTROL DEVICES, ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED BY THE CONTRACTOR WITHIN THREE DAYS OF INITIAL DISTURBANCE. TEMPORARY SEEDING SHALL BE REQUIRED ON ALL OTHER AREAS TO BE DISTURBED FOR A PERIOD OF 10 DAYS OR LONGER.
10. STOCKPILE SITE AS AREAS ARE BEING DESTABILIZED AND FINISH GRADE.
11. UPON COMPLETION OF THE INSTALLATION AND WITH APPROVAL OF NCDNR, ALL EROSION CONTROL DEVICES SHALL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER. EACH SECTION SHALL BE SEEDED AT THE EARLIEST POSSIBLE DATE. COORDINATE WITH THE NCDNR INSPECTION PERSONNEL FOR REMOVAL OF EROSION CONTROL DEVICES.
12. CONTRACTOR SHALL NOT CONVERT TO PERMANENT BMP FACILITY UNTIL UPSTREAM AREAS ARE STABILIZED. AS PART OF THE CONVERSION FROM THE TO THE PERMANENT STORMWATER BMP ALL ACCUMULATED SEDIMENT WITHIN THE BASIN SHALL BE REMOVED AND DISPOSED OF IN A SUITABLE MANNER. INSTALL FINAL EROSION CONTROL MEASURES AND PERMANENTLY MAINTAIN EROSION CONTROL MEASURES.
13. ONCE GROUND COVER IS FIRMLY ESTABLISHED, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITH THE APPROVAL OF NCDNR INSPECTOR.
14. ALL EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE N.C. CONSTRUCTION EROSION CONTROL PLAN, EROSION CONTROL DESIGN MANUAL NCDDOT, U.S. DEPT. OF AGRICULTURE, AND COUNTY STANDARDS.

NOTE
CONTRACTOR IS RESPONSIBLE FOR THE SEQUENCE AND TIMING OF ALL EROSION AND SEDIMENT CONTROL MEASURES. PHASING PLANS ARE ONLY A GENERAL GUIDE TO EROSION AND SEDIMENT CONTROL REQUIREMENTS AS DEVELOPMENT OCCURS.

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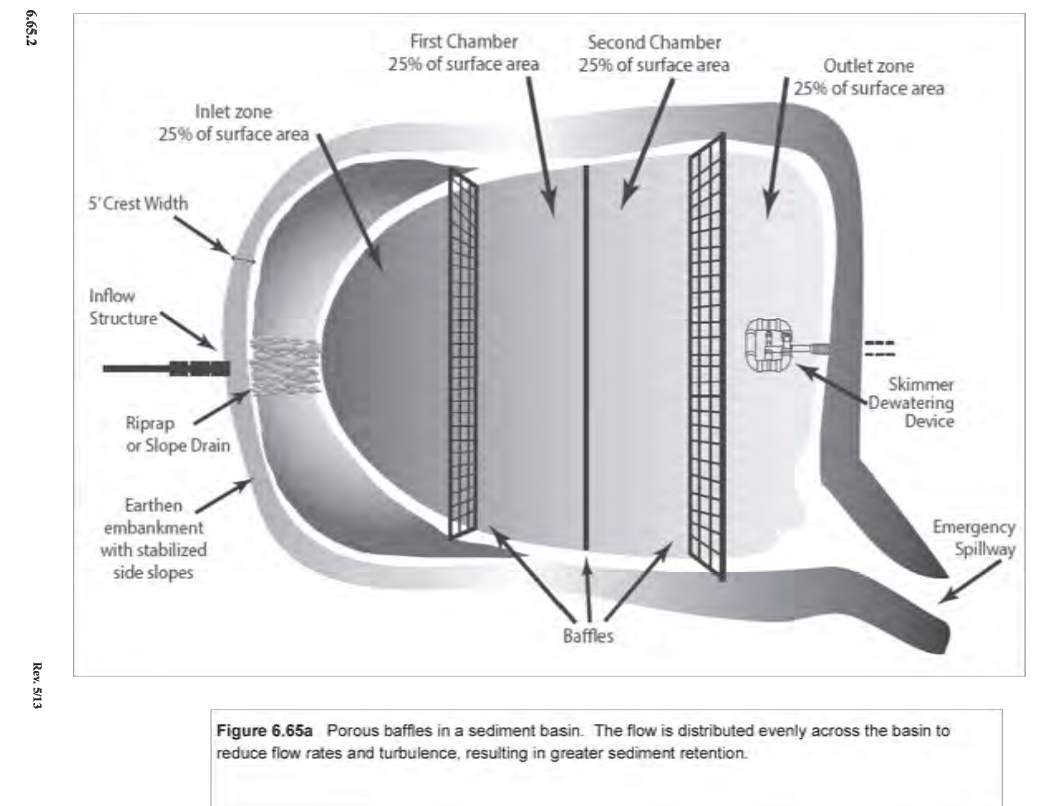


Figure 6.65a Porous baffles in a sediment basin. The flow is distributed evenly across the basin to reduce flow rates and turbulence, resulting in greater sediment retention.

Practice Standards and Specifications

Baffles need to be installed correctly in order to fully provide their benefits. Refer to Figure 6.65b and the following key points:

- The baffle material needs to be secured at the bottom and sides using staples.
- Most of the sediment will accumulate in the first bay, so this should be readily accessible for maintenance.

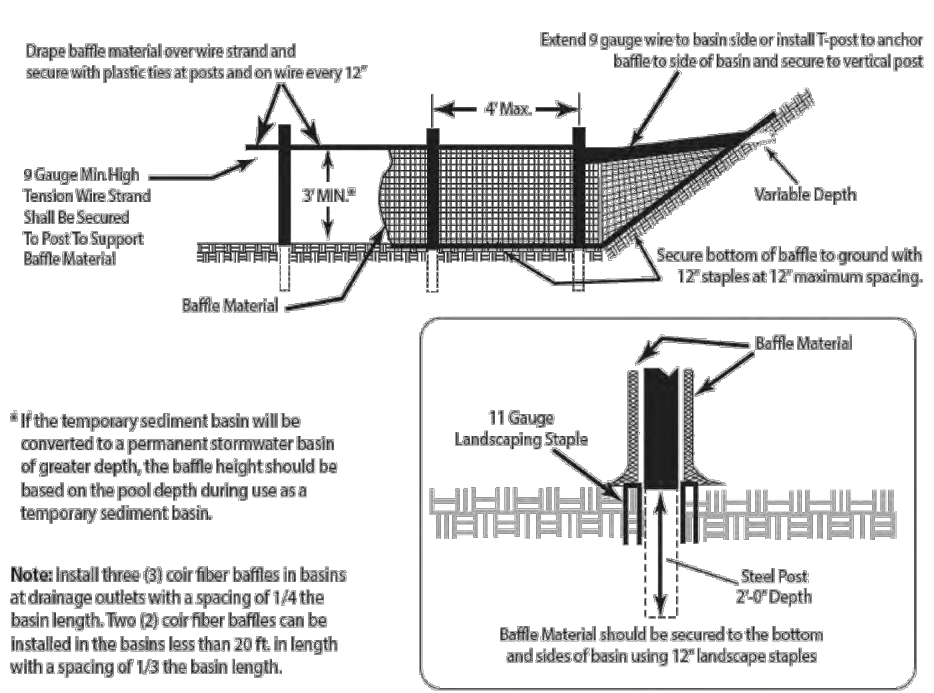


Figure 6.65b Coir Fiber Baffle Detail
Cross section of a porous baffle in a sediment basin.

POROUS BAFFLE

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Sheet: 3

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Sheet: 6

PERMANENT SEEDING

File # 1259007 **Carolina RE Holdings LLC** **Burger King** **Chernville, NC**

SEEDING MIXTURE	
<u>SPECIES</u>	<u>RATE (LB/ACRE)</u>
RYE (GRAIN)	120
ANNUAL LESPEDEZA (KOBÉ IN PIEDMONT AND COASTAL PLAIN, KOREAN IN MOUNTAINS)	50
OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.	
<u>SEEDING DATES</u>	
MOUNTAINS —	ABOVE 2500 FEET: FEB. 15 - MAY 15 BELOW 2500 FEET: FEB. 1 - MAY 1
PIEDMONT —	JAN. 1 - MAY 1
COASTAL PLAIN —	DEC. 1 - APR. 15
<u>SOIL AMENDMENTS</u>	
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.	
<u>MULCH</u>	
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKLING WITH ASPHALT. NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.	
<u>MAINTENANCE</u>	
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.	

TEMPORARY SEEDING (LATE WINTER/EARLY SPRING)

SEEDING MIXTURE	
<u>SPECIES</u>	<u>RATE (LB/ACRE)</u>
GERMAN MILLET	40
IN THE PIEDMONT AND MOUNTAINS, A SMALL-STEMMED SUDANGRASS MAY BE SUBSTITUTED AT A RATE OF 50 LB/ACRE.	
<u>SEEDING DATES</u>	
MOUNTAINS —	MAY 15 - AUG. 15
PIEDMONT —	MAY 1 - AUG. 15
COASTAL PLAIN —	APR. 15 - AUG. 15
<u>SOIL AMENDMENTS</u>	
FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 750 LB/ACRE 10-10-10 FERTILIZER.	
<u>MULCH</u>	
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.	
<u>MAINTENANCE</u>	
REFERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RESEED, REFERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.	

TEMPORARY SEEDING (SUMMER)

SEEDING MIXTURE

<u>SPECIES</u>	<u>RATE (LB/ACRE)</u>
RYE (GRAIN)	120

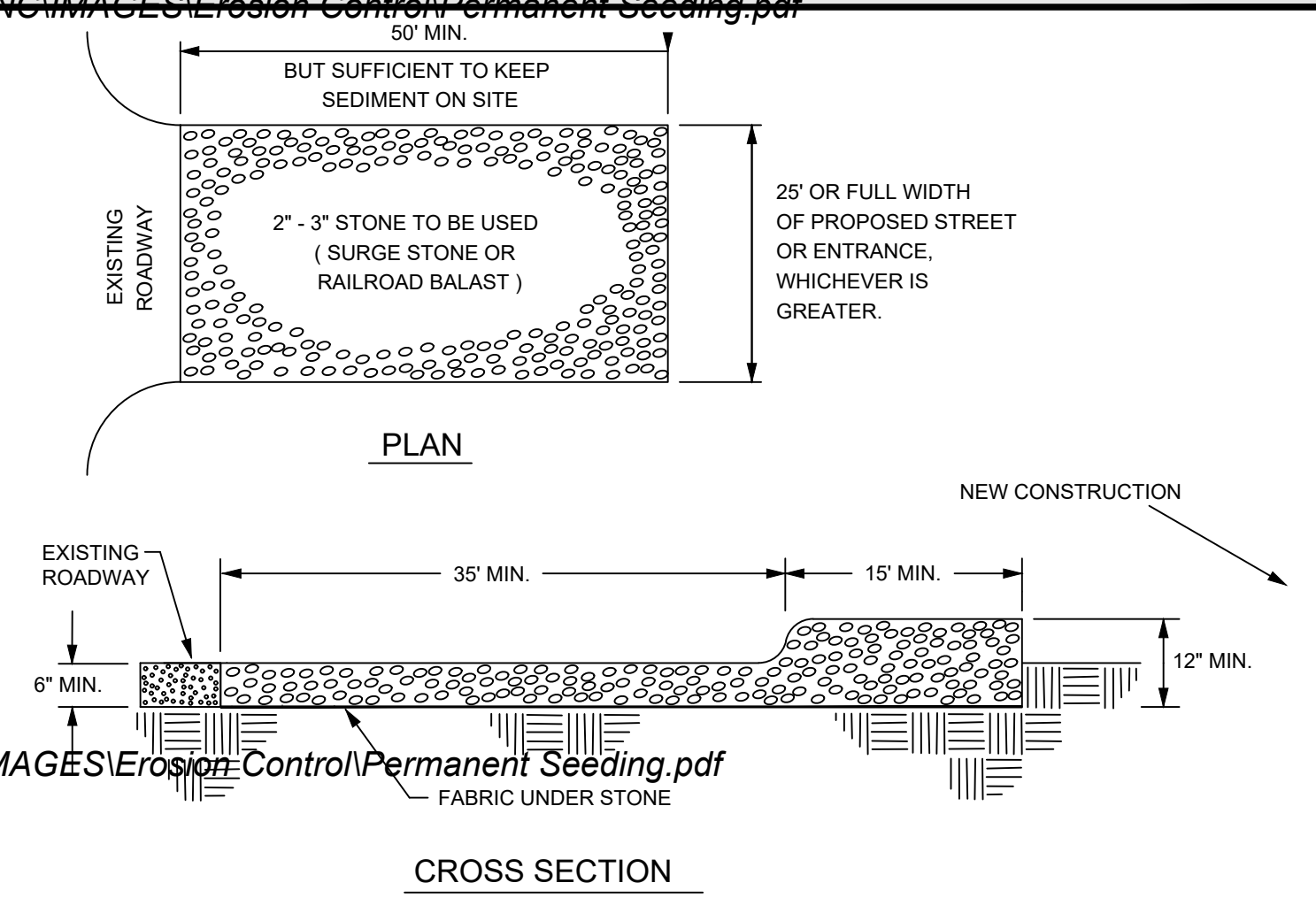
SEEDING DATES
MOUNTAINS — AUG. 15 - DEC. 15
COASTAL PLAIN AND PIEDMONT — AUG. 15 - DEC. 30

SOIL AMENDMENTS
FOLLOW SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE AND 1,000 LB/ACRE 10-10-10 FERTILIZER.

MULCH
APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING, OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE
REPAIR AND REFERTILIZE DAMAGED AREAS IMMEDIATELY. TOPDRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVERSEED WITH 50 LB/ACRE KOBE (PIEDMONT AND COASTAL PLAIN) OR KOREAN (MOUNTAINS) LESPEDEZA IN LATE FEBRUARY OR EARLY MARCH.

TEMPORARY SEEDING (FALL)



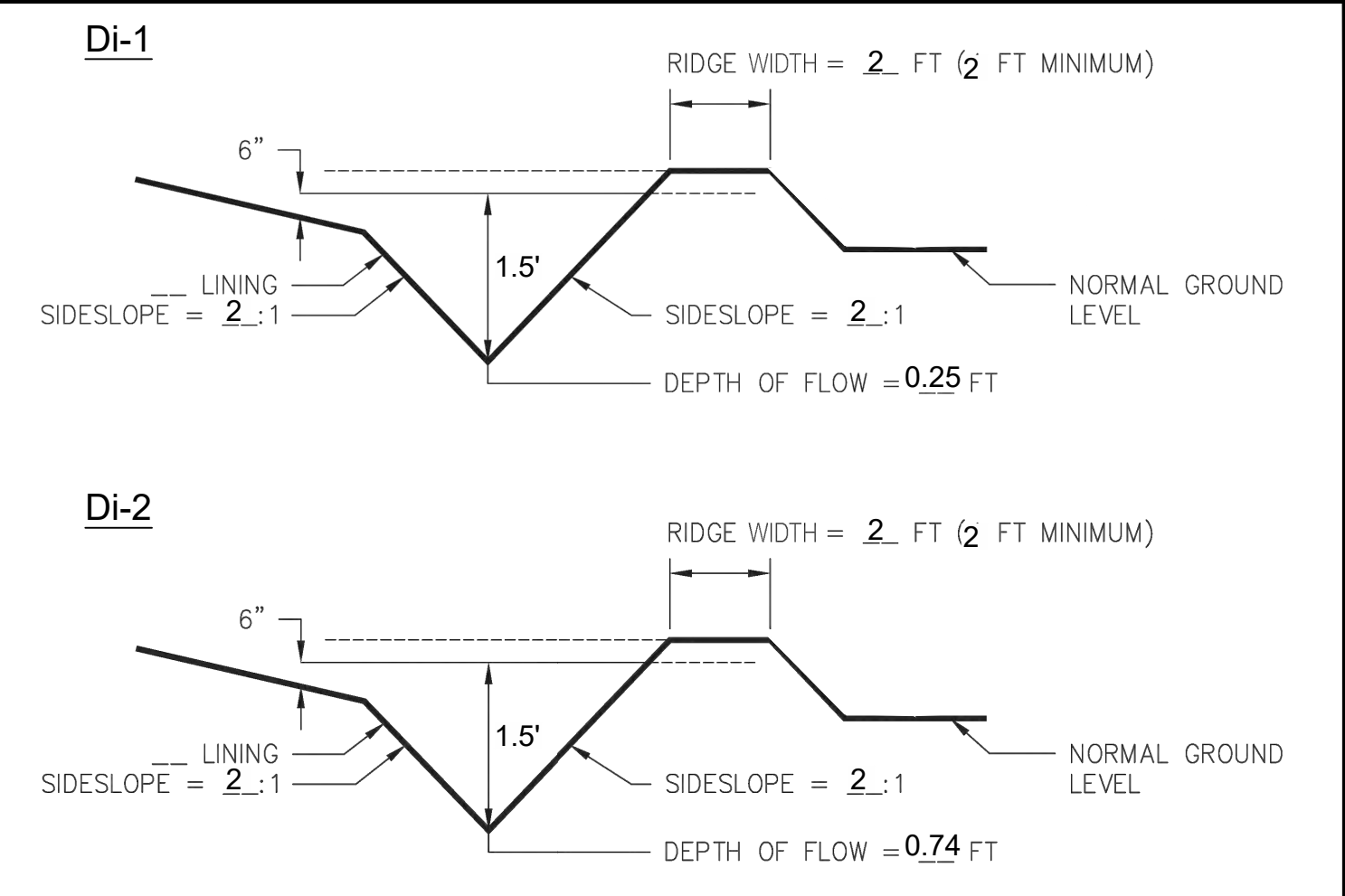
NOTES:

1. PUT SILT FENCE OR TREE PROTECTION FENCE UP TO ENSURE CONSTRUCTION ENTRANCE IS USED.
2. IF CONSTRUCTION ON THE SITES ARE SUCH THAT THE MUD IS NOT REMOVED BY THE VEHICLE TRAVELING OVER THE STONE, THEN THE TIRES OF THE VEHICLE MUST BE WASHED BEFORE ENTERING THE PUBLIC ROAD.
3. IF A PROJECT CONTINUES TO PULL MUD AND DEBRIS ON TO THE PUBLIC ROAD, THE GOVERNING AUTHORITY WILL CLEAN THE AREA AND INVOICE THE FINANCIALLY RESPONSIBLE PERSON AS INDICATED ON THE FINANCIAL RESPONSIBILITY FORM.

*CONTRACTOR TO REFER TO NCDENR STANDARDS AND SPECIFICATIONS FOR ADDITIONAL DETAILS, IF NEEDED

*CONTRACTOR TO REFER TO NCDENR STANDARDS AND SPECIFICATIONS FOR ADDITIONAL DETAILS, IF NEEDED

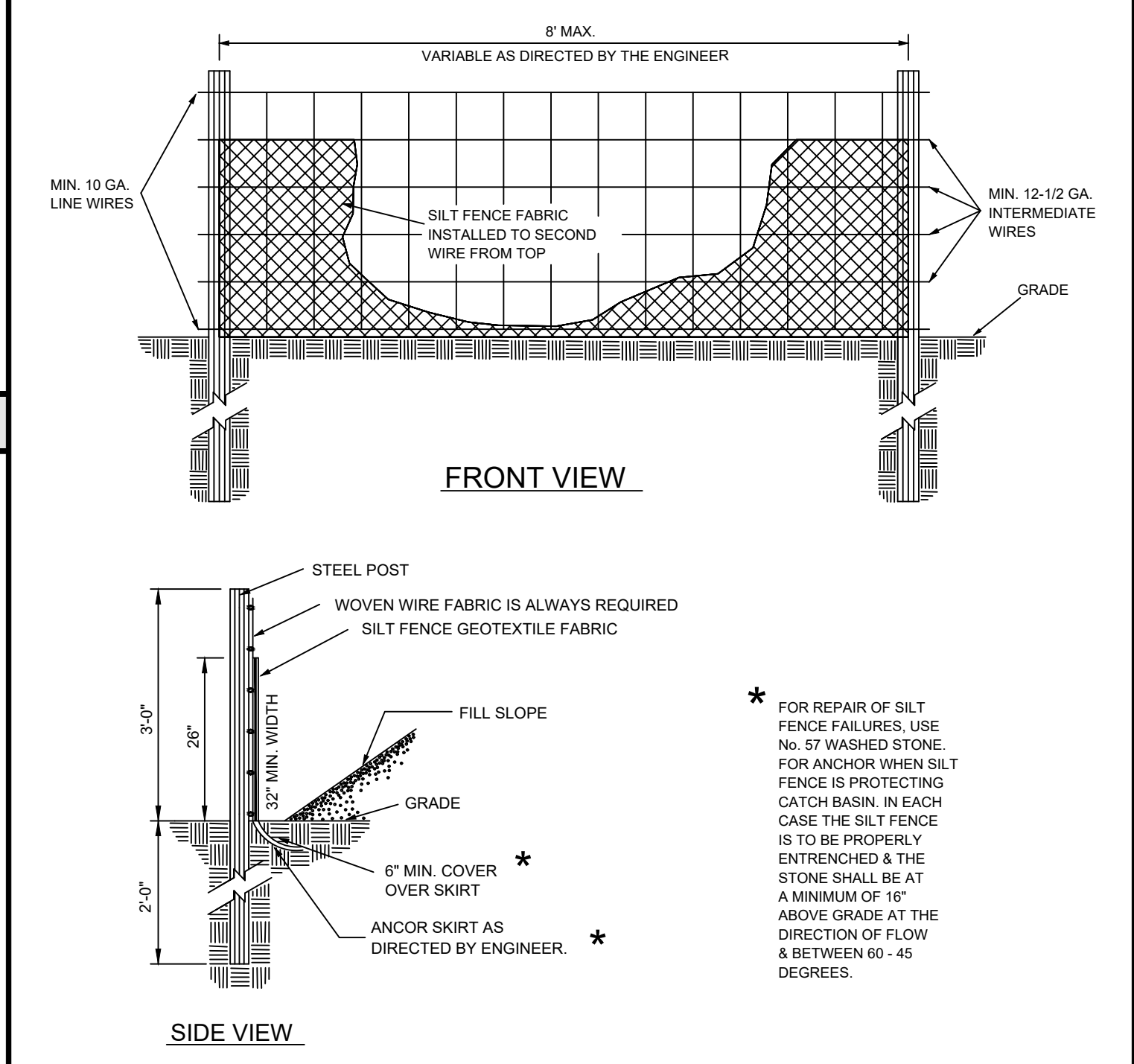
CONSTRUCTION ENTRANCE



DIVERSION DIKE

SCHEDULE OF MAJOR ACTIVITIES				
BEGIN CONSTRUCTION NOV 2021	NOV	DEC	JAN	FEB
	(MONTHS AFTER BEGINNING CONSTRUCTION)			
DESCRIPTION	1	2	3	4
INSTALL & MAINTAIN SEDIMENT CONTROL STRUCTURES				
CLEARING, AND GRUBBING				
GRADING				
TEMPORARY MULCHING/SEEDING AS NECESSARY TO STABILIZE				
UTILITIES				
BUILDING RENOVATION				
PAVING				
FINAL STABILIZATION / PERMANENT VEGETATION				
REMOVE SEDIMENT CONTROL STRUCTURES				

ACTIVITIES SCHEDULE



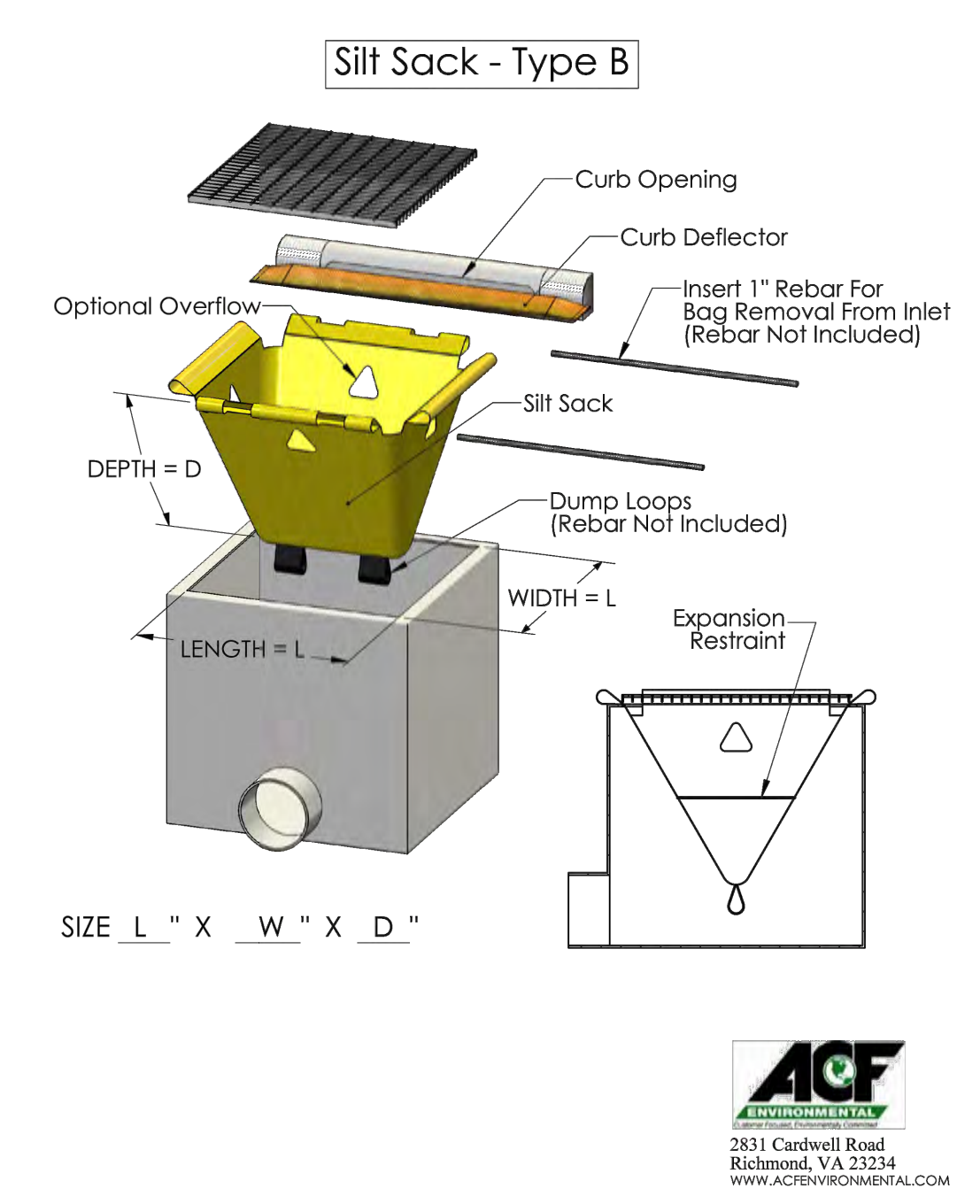
NOTES:

- END OF SILT FENCE SHOULD BE TURNED UPHILL
- SEE N.C. STATE DENR PRACTICE STANDARDS & SPECIFICATIONS

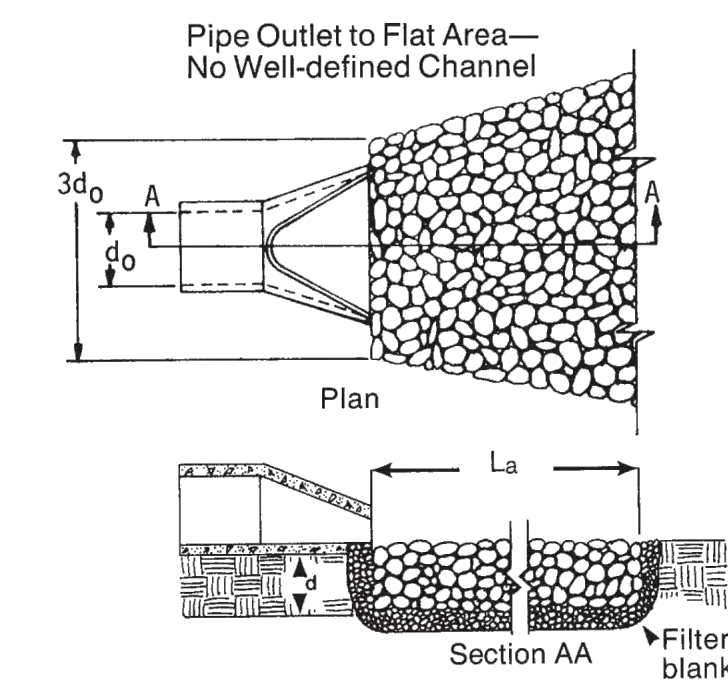
SEDIMENT FENCE SET FOR CONDITIONS WHERE PRACTICE APPLIES;
PLANNING CONSIDERATIONS & DESIGN CRITERIA. (HOWEVER FLOW
SHALL NOT RUN PARRALLEL WITH THE TOE OF THE FENCE).

*CONTRACTOR TO REFER TO NCDENR STANDARDS AND SPECIFICATIONS FOR ADDITIONAL DETAILS, IF NEEDED

SILT FENCE WITH WIRE BACKING



SILT SACK



**RIP RAP APRON TO BE PERMANENT

$d_0 = 1.5'$
 $3d_0 = 4.5'$
 $L_a = 10'$
 $W = 14.5'$
 $d_{50} = 0.5'$

Notes

1. L_a is the length of the riprap apron.
2. $d = 1.5$ times the maximum stone diameter but not less than 6".
3. In a well-defined channel existing apron up the channel banks to an elevation of 6" above the maximum tailwater depth or to the top of the bank, whichever is less.
4. A filter blanket or filter fabric should be installed between the riprap and soil foundation.

Materials—Ensure that riprap consists of a well-graded mixture of stone. Larger stone should predominate, with sufficient smaller sizes to fill the voids between the stones. The diameter of the largest stone size should be no greater than 1.5 times the d_{50} size.

Thickness—Make the minimum thickness of riprap 1.5 times the maximum stone diameter.

Stone quality—Select stone for riprap from field stone or quarry stone. The stone should be hard, angular, and highly weather-resistant. The specific gravity of the individual stones should be at least 2.5.

Filter—Install a filter to prevent soil movement through the openings in the riprap. The filter should consist of a graded gravel layer or a synthetic filter cloth. Design filter blankets by the method described in Practice 6.15, *Riprap*.

RIP-RAP APRON

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 File: A:\1259007 - Carolina RE Holdings, LLC - Burger King - Chem
 Sheet: 3 TEMPORARY SEDIMENT TRAP

Drawing name: C:\Users\kyle.sharpe\Engineering\Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\CONSTR\363006 - 05 - ESPC DETAILS.dwg C-2.4 ESPC DETAILS.dwg 2 Feb 09, 2023 5:16pm by kyle.sharpe

GROUND STABILIZATION AND MATERIALS HANDLING PRACTICES FOR COMPLIANCE WITH THE NCG01 CONSTRUCTION GENERAL PERMIT
Implementing the details and specifications on this plan sheet will result in the construction activity being considered compliant with the Ground Stabilization and Materials Handling sections of the NCG01 Construction General Permit (Sections E and F, respectively). The permittee shall comply with the Erosion and Sediment Control plan approved by the delegated authority having jurisdiction. All details and specifications shown on this sheet may not apply depending on site conditions and the delegated authority having jurisdiction.

SECTION E: GROUND STABILIZATION

Required Ground Stabilization Timeframes		
Site Area Description	Stabilize within this many calendar days after ceasing land disturbance	Timeframe variations
(a) Perimeter dikes, swales, ditches, and perimeter slopes	7	None
(b) High Quality Water (HQW) Zones	7	None
(c) Slopes steeper than 3:1	7	If slopes are 10' or less in length and are not steeper than 2:1, 14 days are allowed
(d) Slopes 3:1 to 4:1	14	- 7 days for slopes greater than 50' in length and with slopes steeper than 4:1 - 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones - 10 days for Falls Lake Watershed
(e) Areas with slopes flatter than 4:1	14	- 7 days for perimeter dikes, swales, ditches, perimeter slopes and HQW Zones - 10 days for Falls Lake Watershed unless there is zero slope

Note: After the permanent cessation of construction activities, any areas with temporary ground stabilization shall be converted to permanent ground stabilization as soon as practicable but in no case longer than 90 calendar days after the last land disturbing activity. Temporary ground stabilization shall be maintained in a manner to render the surface stable against accelerated erosion until permanent ground stabilization is achieved.

GROUND STABILIZATION SPECIFICATION

Stabilize the ground sufficiently so that rain will not dislodge the soil. Use one of the techniques in the table below:

Temporary Stabilization	Permanent Stabilization
<ul style="list-style-type: none">• Temporary grass seed covered with straw or other mulches and tackifiers• Hydroseeding• Rolled erosion control products with or without temporary grass seed• Appropriately applied straw or other mulch• Plastic sheeting	<ul style="list-style-type: none">• Permanent grass seed covered with straw or other mulches and tackifiers• Geotextile fabrics such as permanent soil reinforcement matting• Hydroseeding• Shrubs or other permanent plantings covered with mulch• Uniform and evenly distributed ground cover sufficient to restrain erosion• Structural methods such as concrete, asphalt or retaining walls• Rolled erosion control products with grass seed

POLYACRYLAMIDES (PAMS) AND FLOCCULANTS

1. Select flocculants that are appropriate for the soils being exposed during construction, selecting from the *NC DWR List of Approved PAMS/Flocculants*.
2. Apply flocculants at or before the inlets to Erosion and Sediment Control Measures.
3. Apply flocculants at the concentrations specified in the *NC DWR List of Approved PAMS/Flocculants* and in accordance with the manufacturer's instructions.
4. Provide ponding area for containment of treated Stormwater before discharging offsite.
5. Store flocculants in leak-proof containers that are kept under storm-resistant cover or surrounded by secondary containment structures.

EQUIPMENT AND VEHICLE MAINTENANCE

1. Maintain vehicles and equipment to prevent discharge of fluids.
2. Provide drip pans under any stored equipment.
3. Identify leaks and repair as soon as feasible, or remove leaking equipment from the project.
4. Collect all spent fluids, store in separate containers and properly dispose as hazardous waste (recycle when possible).
5. Remove leaking vehicles and construction equipment from service until the problem has been corrected.
6. Bring used fuels, lubricants, coolants, hydraulic fluids and other petroleum products to a recycling or disposal center that handles these materials.

LITTER, BUILDING MATERIAL AND LAND CLEARING WASTE

1. Never bury or burn waste. Place litter and debris in approved waste containers.
2. Provide a sufficient number and size of waste containers (e.g dumpster, trash receptacle) on site to contain construction and domestic wastes.
3. Locate waste containers at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
4. Locate waste containers on areas that do not receive substantial amounts of runoff from upland areas and does not drain directly to a storm drain, stream or wetland.
5. Cover waste containers at the end of each workday and before storm events or provide secondary containment. Repair or replace damaged waste containers.
6. Anchor all lightweight items in waste containers during times of high winds.
7. Empty waste containers as needed to prevent overflow. Clean up immediately if containers overflow.
8. Dispose waste off-site at an approved disposal facility.
9. On business days, clean up and dispose of waste in designated waste containers.

PAINT AND OTHER LIQUID WASTE

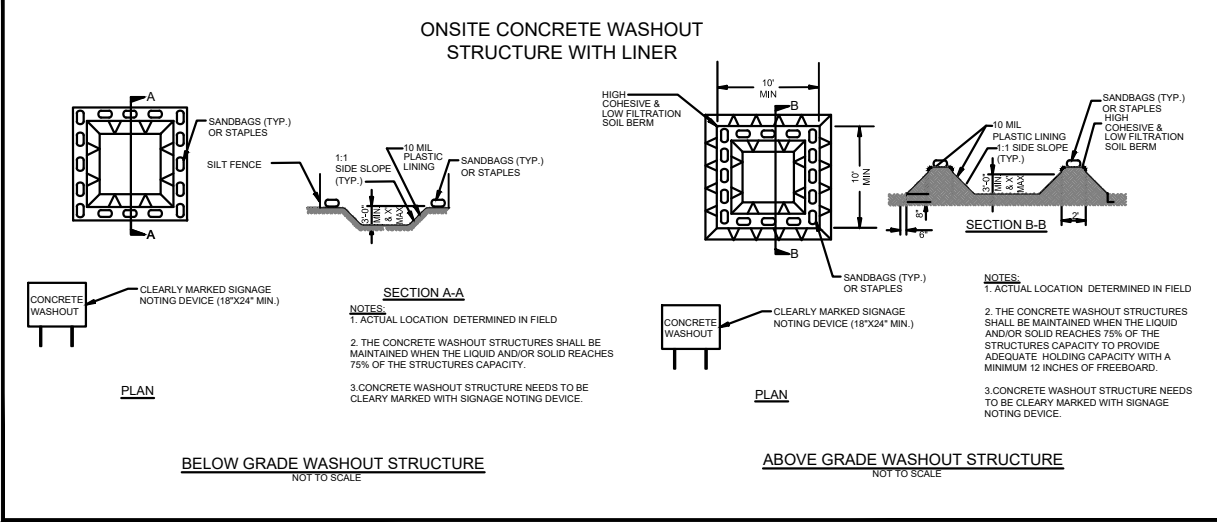
1. Do not dump paint and other liquid waste into storm drains, streams or wetlands.
2. Locate paint washouts at least 50 feet away from storm drain inlets and surface waters unless no other alternatives are reasonably available.
3. Contain liquid wastes in a controlled area.
4. Containment must be labeled, sized and placed appropriately for the needs of site.
5. Prevent the discharge of soaps, solvents, detergents and other liquid wastes from construction sites.

PORTABLE TOILETS

1. Install portable toilets on level ground, at least 50 feet away from storm drains, streams or wetlands unless there is no alternative reasonably available. If 50 foot offset is not attainable, provide relocation of portable toilet behind silt fence or place on a gravel pad and surround with sand bags.
2. Provide staking or anchoring of portable toilets during periods of high winds or in high foot traffic areas.
3. Monitor portable toilets for leaking and properly dispose of any leaked material. Utilize a licensed sanitary waste hauler to remove leaking portable toilets and replace with properly operating unit.

EARTHEN STOCKPILE MANAGEMENT

1. Show stockpile locations on plans. Locate earthen-material stockpile areas at least 50 feet away from storm drain inlets, sediment basins, perimeter sediment controls and surface waters unless it can be shown no other alternatives are reasonably available.
2. Protect stockpile with silt fence installed along toe of slope with a minimum offset of five feet from the toe of stockpile.
3. Provide stable stone access point when feasible.
4. Stabilize stockpile within the timeframes provided on this sheet and in accordance with the approved plan and any additional requirements. Soil stabilization is defined as vegetative, physical or chemical coverage techniques that will restrain accelerated erosion on disturbed soils for temporary or permanent control needs.



CONCRETE WASHOUTS

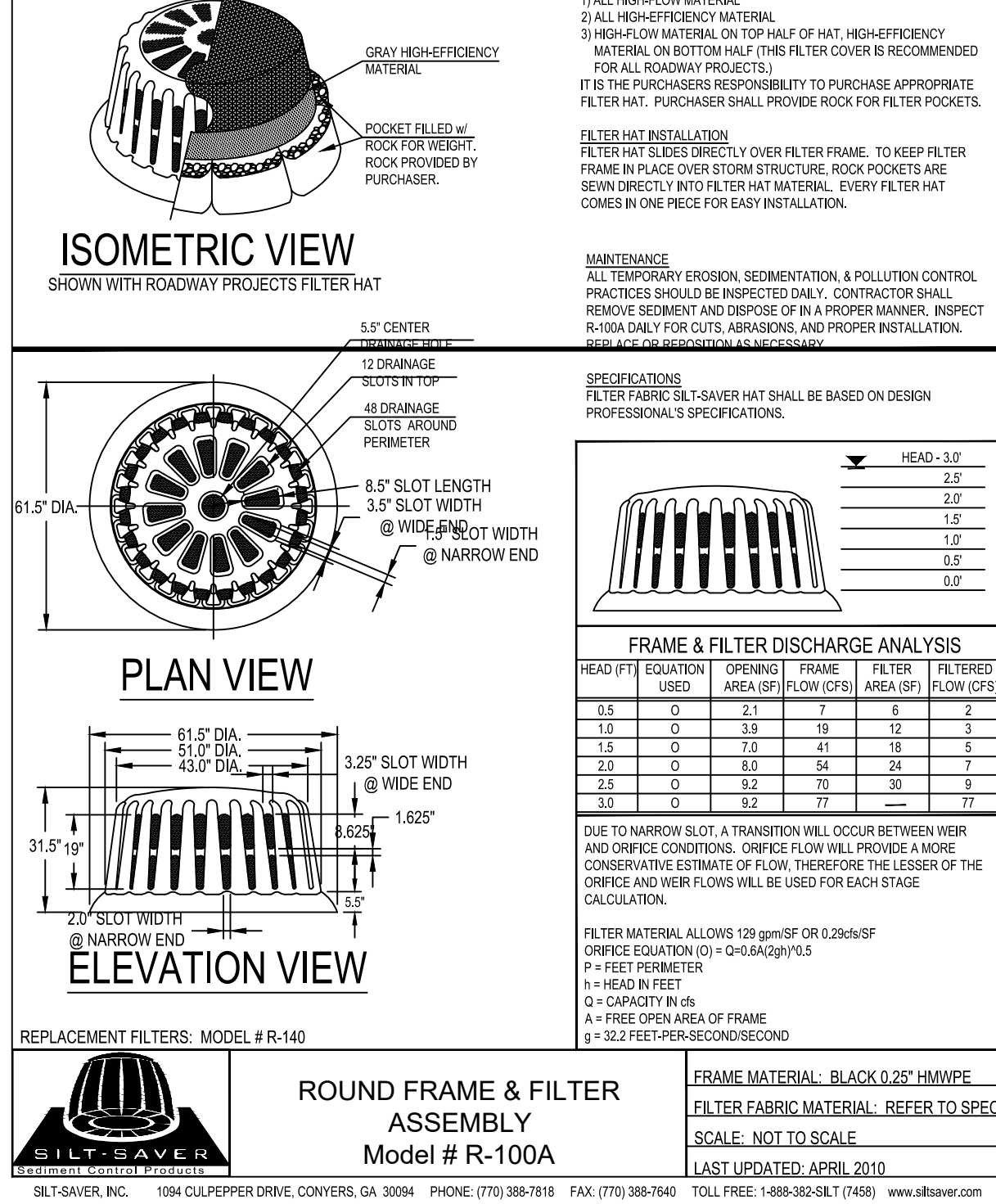
1. Do not discharge concrete or cement slurry from the site.
2. Dispose of, or recycle settled, hardened concrete residue in accordance with local and state solid waste regulations and at an approved facility.
3. Manage washout from mortar mixers in accordance with the above item and in addition place the mixer and associated materials on impervious barrier and within lot perimeter silt fence.
4. Install temporary concrete washouts per local requirements, where applicable. If an alternate method or product is to be used, contact your approval authority for review and approval. If local standard details are not available, use one of the two types of temporary concrete washouts provided on this detail.
5. Do not use concrete washouts for dewatering or storing defective curb or sidewalk sections. Stormwater accumulated within the washout may not be pumped into or discharged to the storm drain system or receiving surface waters. Liquid waste must be pumped out and removed from project.
6. Locate washouts at least 50 feet from storm drain inlets and surface waters unless it can be shown that no other alternatives are reasonably available. At a minimum, install protection of storm drain inlet(s) closest to the washout which could receive spills or overflow.
7. Locate washouts in an easily accessible area, on level ground and install a stone entrance pad in front of the washout. Additional controls may be required by the approving authority.
8. Install at least one sign directing concrete trucks to the washout within the project limits. Post signage on the washout itself to identify this location.
9. Remove leaveings from the washout when at approximately 75% capacity to limit overflow events. Replace the tarp, sand bags or other temporary structural components when no longer functional. When utilizing alternative or proprietary products, follow manufacturer's instructions.
10. At the completion of the concrete work, remove remaining leaveings and dispose of in an approved disposal facility. Fill pit, if applicable, and stabilize any disturbance caused by removal of washout.

HERBICIDES, PESTICIDES AND RODENTICIDES

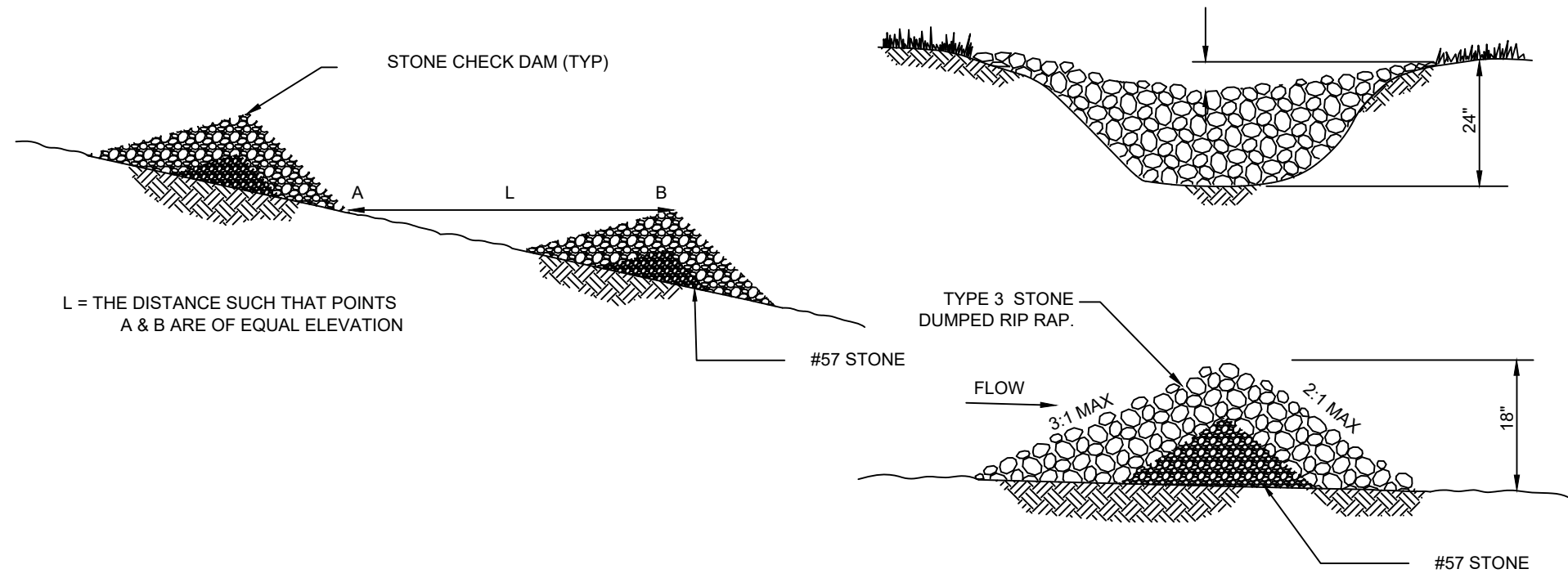
1. Store and apply herbicides, pesticides and rodenticides in accordance with label restrictions.
2. Store herbicides, pesticides and rodenticides in their original containers with the label, which lists directions for use, ingredients and first aid steps in case of accidental poisoning.
3. Do not store herbicides, pesticides and rodenticides in areas where flooding is possible or where they may spill or leak into wells, stormwater drains, ground water or surface water. If a spill occurs, clean area immediately.
4. Do not stockpile these materials onsite.

HAZARDOUS AND TOXIC WASTE

1. Create designated hazardous waste collection areas on-site.
2. Place hazardous waste containers under cover or in secondary containment.
3. Do not store hazardous chemicals, drums or bagged materials directly on the ground.

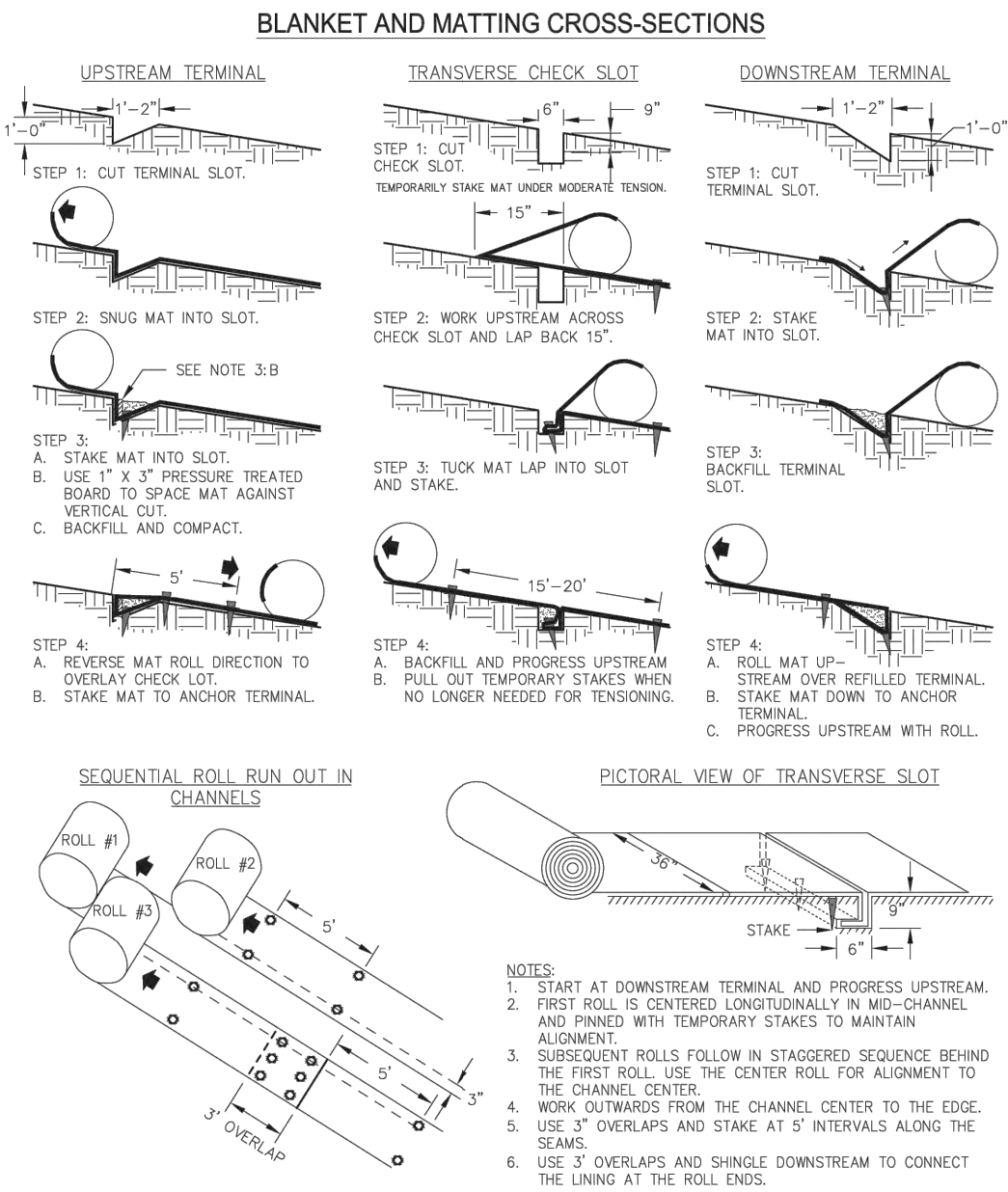


INLET PROTECTION - SILT SAVER

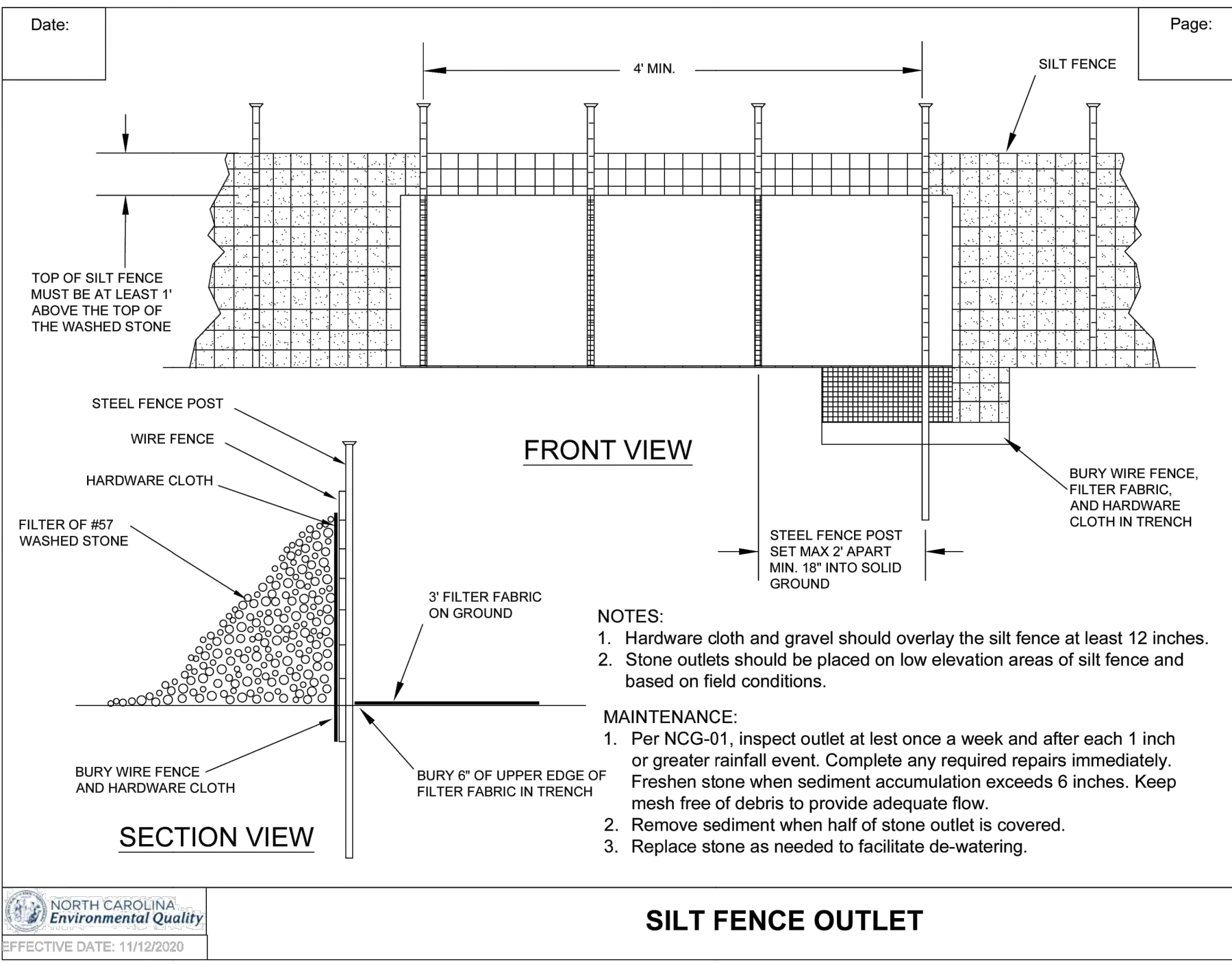


STONE CHECKDAM

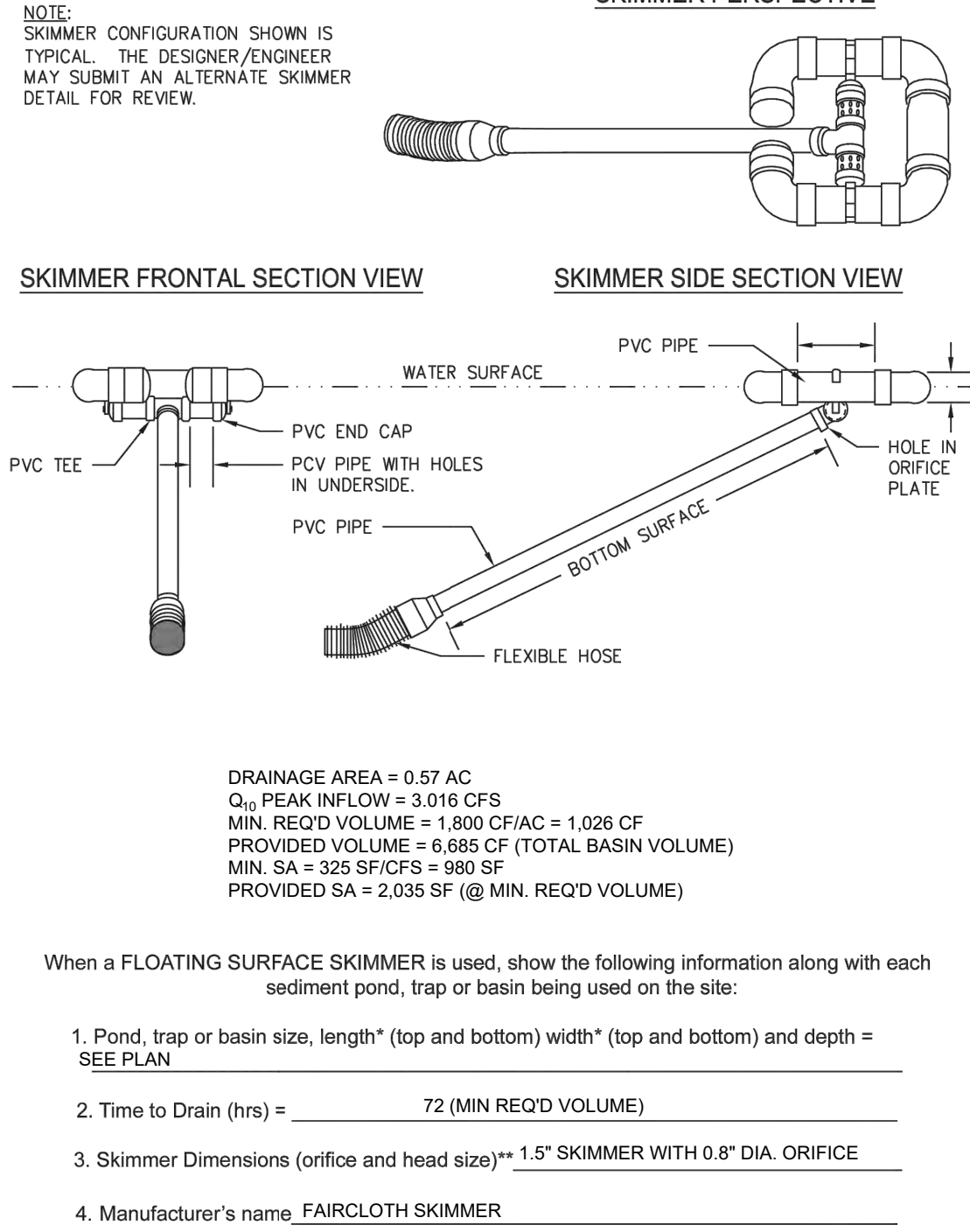
TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)



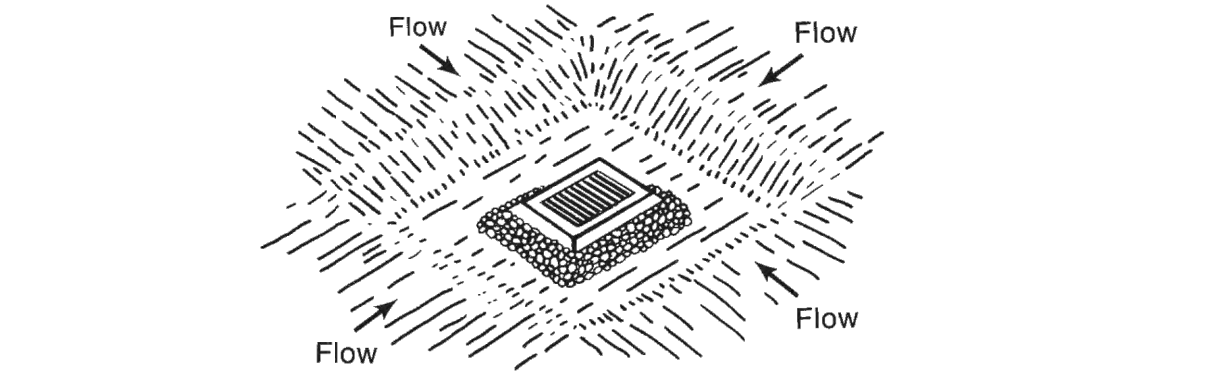
ROLLED EROSION CONTROL PRODUCTS (RECP)



SILT FENCE OUTLET



SKIMMER



INLET PROTECTION - EXCAVATED DROP INLET

PREPARED IN THE OFFICE OF:



© 2023 GASKINS + LECRAW OF NC, PLLC
3475 CORPORATE WAY
SUITE A
DULUTH, GA 30096
PHONE - 678.545.8100
FAX - 770.441.0298
www.gaskinslecraw.com
P-2646

REVISIONS:

NO.	DATE	DESCRIPTION	BY	CHKD
1	12/08/21	TRC COMMENTS	MAT	TKS
2	02/02/23	CFJA COMMENTS	MAT	TKS

CLIENT
SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT
SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:



CALL BEFORE YOU DIG



SCALE & NORTH ARROW:



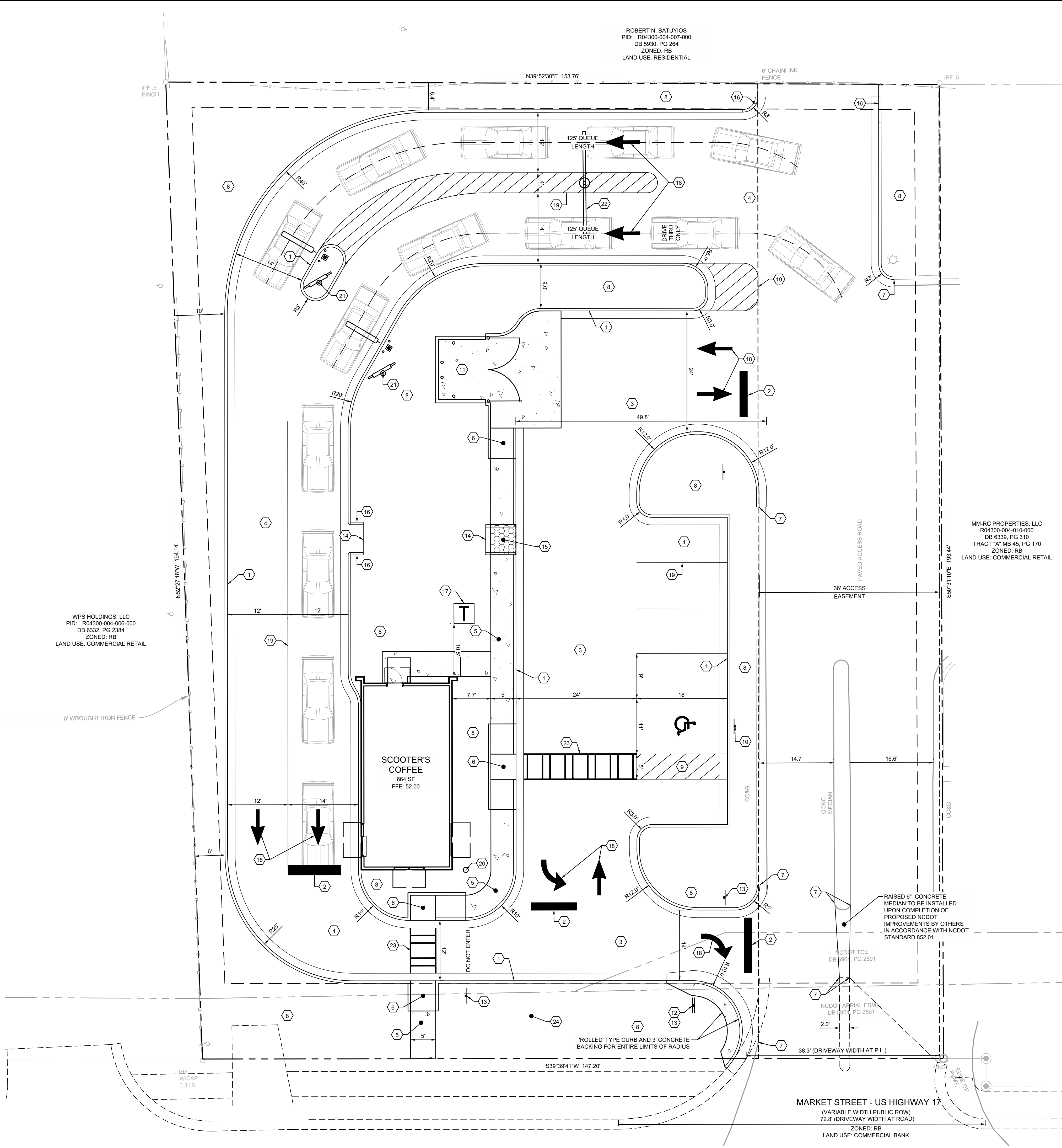
DESIGN INFO:

DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	---

ESPC DETAILS - 2

C-2.4

Drawing name: C:\Users\kyle.sharp@LeCraw Engineering\Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\CONS\TR363006 - 06 - SITE.dwg C-3.0 SITE PLAN Feb 09, 2023 5:16pm by kyle.sharp



ITE TRIP CALCULATIONS

USE: COFFEE SHOP W/ DRIVE-THRU & NO INDOOR SEATS (938)

DAILY: 358 TRIPS
AM PEAK: 80 TRIPS
PM PEAK: 30 TRIPS

*CALCULATIONS BASED ITE TRIP GENERATION RATES 11TH EDITION

CITY FIRE & LIFE SAFETY NOTES

1) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.

2) LANDSCAPING OR PARKING CANNOT BLOCK FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL ALWAYS BE MAINTAINED AROUND THE CIRCUMFERENCE OF HYDRANTS.

3) ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.

CITY GENERAL NOTES

1) ANY REQUIRED INSTALLATION OR RELOCATION OF TRAFFIC SIGNS/PAVEMENT MARKINGS IS THE RESPONSIBILITY OF THE PROJECT DEVELOPER. PLEASE COORDINATE WITH CITY TRAFFIC SIGNS AND PAVEMENT MARKINGS MANAGER/SUPERVISOR PRIOR TO INSTALLATION/RELOCATION OF ANY TRAFFIC SIGNS OR MARKINGS IN EXISTING OR PROPOSED PUBLIC ROW.

2) ALL PAVEMENT MARKINGS IN PUBLIC RIGHTS-OF-WAY AND FOR DRIVEWAYS ARE TO BE THERMOPLASTIC AND MEET CITY AND/OR NCDOT STANDARDS.

3) ALL SIGNS AND PAVEMENT MARKINGS IN AREAS OPEN TO PUBLIC TRAFFIC ARE TO MEET MUTCD (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES) STANDARDS.

4) ALL TRAFFIC CONTROL SIGNS AND MARKINGS OFF THE RIGHT-OF-WAY ARE TO BE MAINTAINED BY THE PROPERTY OWNER IN ACCORDANCE WITH MUTCD STANDARDS.

5) ALL PARKING STALL MARKINGS AND LANE ARROWS WITHIN THE PARKING AREAS SHALL BE WHITE.

6) CONTACT 811 PRIOR TO CONTACTING CITY OF WILMINGTON, TRAFFIC ENGINEERING REGARDING THE UTILITIES IN ROW.

7) HVAC EQUIPMENT, AIR CONDITIONING WINDOW UNITS, OTHER ELECTRICAL EQUIPMENT, AND FIRE ESCAPES SHALL NOT BE LOCATED ON STREET-FACING FACADES

STEEL PLATE DETAIL

NOTE: 3/4\"x4\" ANCHOR BOLTS TO BE PLACED WITH CONCRETE AND FLUSH WITH TOP OF PLATE. BOLTS TO BE SPACED 12\" ON CENTER.

NOT TO SCALE

TAPER CURB DETAIL

NOT TO SCALE

GENERAL SITE NOTES

1) ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.

2) ALL TREES SHALL HAVE PROPER PROTECTION DURING CONSTRUCTION UNLESS APPROVED PLANS INDICATE OTHERWISE.

3) BOUNDARY & TOPOGRAPHIC SURVEY BY STEWART, DATED AUGUST 15, 2022. BENCHMARK IS NOTED ON SURVEY.

4) FLOOD PLAIN IS NOT PRESENT ON THIS SITE AS SHOWN ON THE FEMA FIRM MAP NUMBER 372031580K, DATED AUGUST 23, 2018.

5) 1 HANDICAP SPACE IS REQUIRED TO BE VAN ACCESSIBLE WITH A MINIMUM 96\" WIDE ACCESS AREA.

6) ACCESSIBLE PARKING AREAS, INCLUDING AISLES, SHALL SLOPE NO MORE THAN 2% IN ANY DIRECTION.

7) THE OWNER IS RESPONSIBLE FOR OBTAINING ANY NECESSARY AGREEMENTS FROM ADJACENT PROPERTY OWNERS IN ORDER TO PERFORM THE REQUIRED OFFSITE WORK, INCLUDING, STORM DRAINAGE, CURB AND GUTTER AND PAVEMENT TIE-INS AND GRADING.

8) REFERENCE ARCH PLANS FOR DIRECTIONAL SIGNAGE, SITE SIGNAGE, BUILDING DIMENSIONS, ETC.

9) ALL NEW PAVEMENT SHALL MEET OR EXCEED GEOTECHNICAL SPECIFICATION. SEE REPORT PREPARED BY #####, DATED #####

SITE SUMMARY

SITE AREA:	0.67 ACRES (29,150 S.F.)
IMPERVIOUS AREA:	21,128 S.F. (72.5%)
PERVIOUS AREA:	8,022 S.F. (27.5%)
ZONING CLASSIFICATION	
JURISDICTION:	CITY OF WILMINGTON
ZONING:	RB (REGIONAL BUSINESS)
ADJACENT ZONING:	RB (ALL SIDES)
CAMA CLASSIFICATION:	URBAN
PROPOSED USE:	COMMERCIAL RESTAURANT
BUILDING SETBACKS	
FRONT:	20' REQ. / 37.5' PROP.
SIDE:	0' REQ. / 32.9' PROP. (W) 97.4' PROP. (E)
REAR:	15' REQ. / 118' PROP.
BUILDING SUMMARY	
BUILDING AREA:	664 S.F.
BUILDING COVERAGE:	2.3%
BUILDING HEIGHT:	19'-0"
CONSTRUCTION TYPE:	V-B
PARKING SUMMARY	
PARKING REQ.:	1 SPACE / 65 S.F. (MAX.)
	10 SPACES (1 ADA SPACE)
PARKING PROV.:	6 SPACES
MIN. STALL DIMENSIONS:	8.5' x 18'
MIN. DRIVE WIDTH:	24'

KEY NOTES

1	24\" CURE & GUTTER, SEE SHEET C-7.0 FOR DETAIL
2	24\" WHITE STOP BAR, SEE SHEET C-7.0 FOR DETAIL
3	HEAVY DUTY PAVEMENT, REFER TO GEOTECH REPORT FOR PAVEMENT SPECIFICATIONS
4	STANDARD DUTY PAVEMENT, REFER TO GEOTECH REPORT FOR PAVEMENT SPECIFICATIONS
5	CONCRETE SIDEWALK, SEE SHEET C-7.0 FOR DETAIL
6	NCDOT STANDARD ADA RAMP WITH DETECTABLE WARNING, SEE SHEET C-7.1 FOR DETAIL
7	CONTRACTOR TO TIE INTO AND MATCH EXISTING CURB & GUTTER
8	LANDSCAPE AREA, SEE SHEET L-1.1 FOR LANDSCAPE PLANTING DESIGN
9	ADA PARKING AREA, SEE SHEET C-7.0 FOR DETAIL(S)
10	ADA PARKING SIGN, SEE SHEET C-7.0 FOR DETAIL
11	DUMPSTER ENCLOSURE, REFER TO ARCHITECTURAL PLANS FOR DETAILS
12	STOP SIGN (R1-1), SEE SHEET C-7.0 FOR MOUNTING DETAIL
13	DO NOT ENTER SIGN (R5-1), SEE SHEET C-7.0 FOR MOUNTING DETAIL
14	CONCRETE FLUME (WIDTHS MAY VARY)
15	STEEL PLATE OVER CONCRETE FLUME, SET FLUSH WITH SIDEWALK, SEE SHEET C-3.0 FOR DETAIL
16	TAPER CURB FROM 6\" TO 0\" OVER 5' OR LESS, SEE SHEET C-3.0 FOR DETAIL
17	CONCRETE TRANSFORMER PAD PER UTILITY OWNER'S REQUIREMENTS
18	TYPICAL PAVEMENT MARKINGS, SEE SHEET C-7.0 FOR DETAILS
19	4\" WIDE SINGLE SOLID WHITE LINE (SSWL)
20	PROPOSED FLAGPOLE, REFER TO ARCH PLANS FOR DETAILS
21	PROPOSED ORDER BOARD, REFER TO ARCH PLANS FOR DETAILS
22	PROPOSED CLEARANCE BAR, REFER TO ARCH PLANS FOR DETAILS, MINIMUM CLEAR HEIGHT OF 13'-6"
23	PROPOSED 5\" WIDE WHITE STRIPED PEDESTRIAN CROSSING
24	PROPOSED MONUMENT/PYLON SIGN LOCATION, DESIGNED AND PERMITTED BY OTHERS

IMPERVIOUS CALCULATIONS

	PERVIOUS (SF)	IMPERVIOUS (SF)
EXISTING CONDITION:	23,415 (80.3%)	5,735 (19.7%)
PROPOSED CONDITION:	8,022 (27.5%)	21,128 (72.5%)

PAVEMENT LEGEND

*CONTRACTOR TO SUBMIT JOINT PLAN TO GEOTECH FOR REVIEW/APPROVAL PRIOR TO PAVING

	CONCRETE PAVEMENT (SEE GEOTECH REPORT BY #####, DATED #####)
	HEAVY DUTY PAVEMENT (SEE GEOTECH REPORT BY #####, DATED #####)

PREPARED IN THE OFFICE OF:

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P-2646

REVISIONS:

NO.	DATE	BY	REVISION
1	12/08/22	TKS	TRC COMMENTS
2	02/02/23	MAT	CFLA COMMENTS

CLIENT: SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT: SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

CALL BEFORE YOU DIG

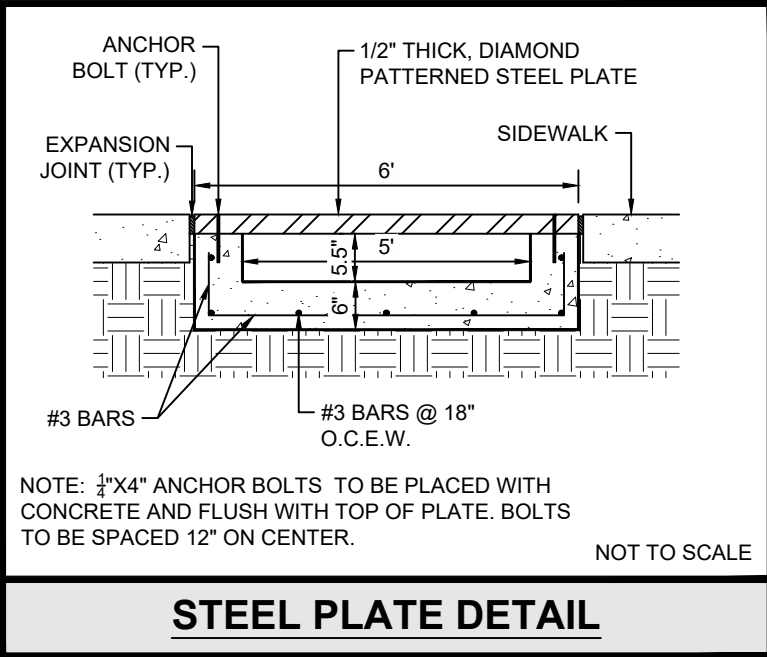
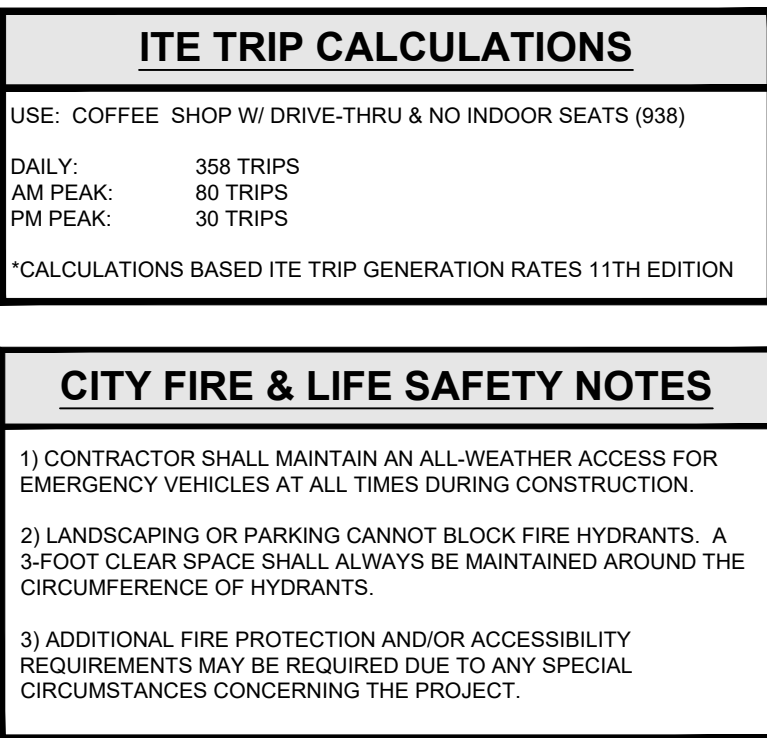
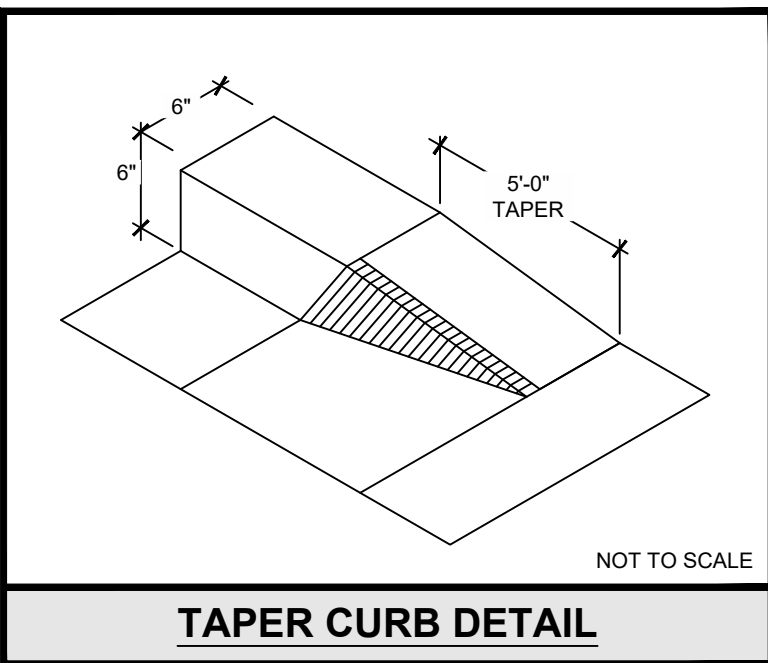
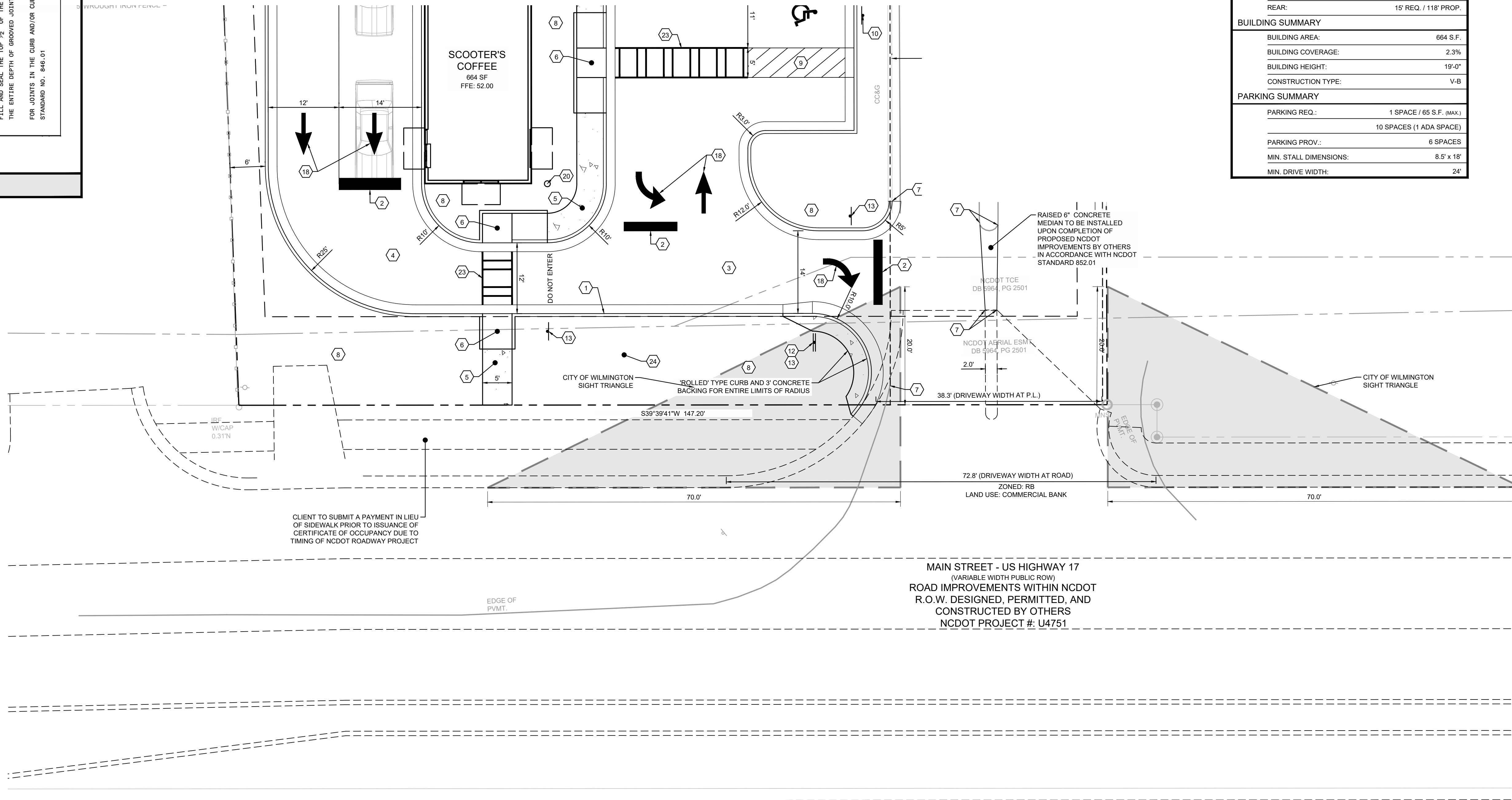
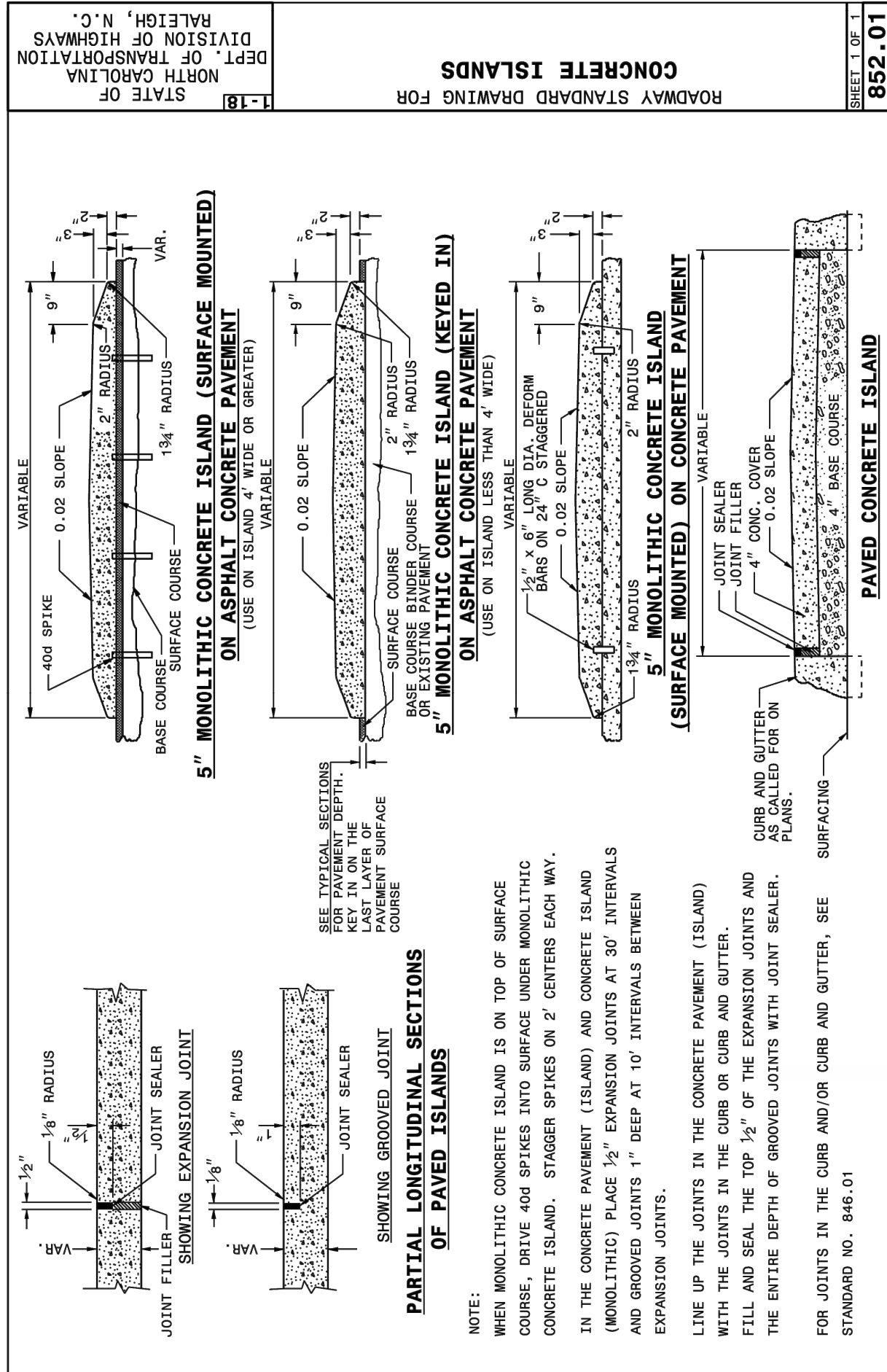
SCALE & NORTH ARROW:

DESIGN INFO:

DRAWN BY: MAT
DESIGNED BY: MAT
REVIEWED BY: TKS
JOB #: 363006
DATE: --

SITE PLAN

C-3.0



KEY NOTES	
①	24" CURB & GUTTER, SEE SHEET C-7.0 FOR DETAIL
②	24" WHITE STOP BAR, SEE SHEET C-7.0 FOR DETAIL
③	HEAVY DUTY PAVEMENT, REFER TO GEOTECH REPORT FOR PAVEMENT SPECIFICATIONS
④	STANDARD DUTY PAVEMENT, REFER TO GEOTECH REPORT FOR PAVEMENT SPECIFICATIONS
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㉑	PROPOSED ORDER BOARD, REFER TO ARCH PLANS FOR DETAILS
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㉔	PROPOSED MONUMENT/PLYON SIGN LOCATION, DESIGNED AND PERMITTED BY OTHERS

GENERAL SITE NOTES

- 1) ALL DIMENSIONS ARE TO THE FACE OF CURB UNLESS SPECIFIED OTHERWISE.
- 2) ALL TREES SHALL HAVE PROPER PROTECTION DURING CONSTRUCTION UNLESS APPROVED PLANS INDICATE OTHERWISE.
- 3) BOUNDARY & TOPOGRAPHIC SURVEY BY STEWART, DATED AUGUST 15, 2022. BENCHMARK IS NOTED ON SURVEY.
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- 9) ALL NEW PAVEMENT SHALL MEET OR EXCEED GEOTECHNICAL SPECIFICATION. SEE REPORT PREPARED BY #####, DATED #####.

SITE SUMMARY	
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IMPERVIOUS AREA:	21,128 S.F. (72.5%)
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ZONING CLASSIFICATION	
JURISDICTION:	CITY OF WILMINGTON
ZONING:	RB (REGIONAL BUSINESS)
ADJACENT ZONING:	RB (ALL SIDES)
CAMA CLASSIFICATION:	URBAN
PROPOSED USE:	COMMERCIAL RESTAURANT
BUILDING SETBACKS	
	REQUIRED / PROPOSED
FRONT:	20' REQ. / 37.5' PROP.
SIDE:	0' REQ. / 32.9' PROP. (W) 97.4' PROP. (E)
REAR:	15' REQ. / 118' PROP.
BUILDING SUMMARY	
BUILDING AREA:	664 S.F.
BUILDING COVERAGE:	2.3%
BUILDING HEIGHT:	19'-0"
CONSTRUCTION TYPE:	V-B
PARKING SUMMARY	
PARKING REQ.:	1 SPACE / 65 S.F. (MAX.)
	10 SPACES (1 ADA SPACE)
PARKING PROV.:	6 SPACES
MIN. STALL DIMENSIONS:	8.5' x 18'
MIN. DRIVE WIDTH:	24'

PREPARED IN THE OFFICE OF:



**GASKINS
+ LECRAW**


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3475 CORPORATE WAY
SUITE A
DULUTH, GA 30096
PHONE - 678.546.8100
FAX - 770.441.0298
www.gaskinslecrow.com
T-2646

REVISIONS:									
REV #	DATE	DESCRIPTION	BY	CHKD BY	DATE	DESCRIPTION	BY	CHKD BY	DATE
2		TRC COMMENTS			02/02/23	MAT			TKS
1		CFI/PA COMMENTS			12/08/22	MAT			TKS

CLIENT
SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT
SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:



2/9/2023

[illegible]

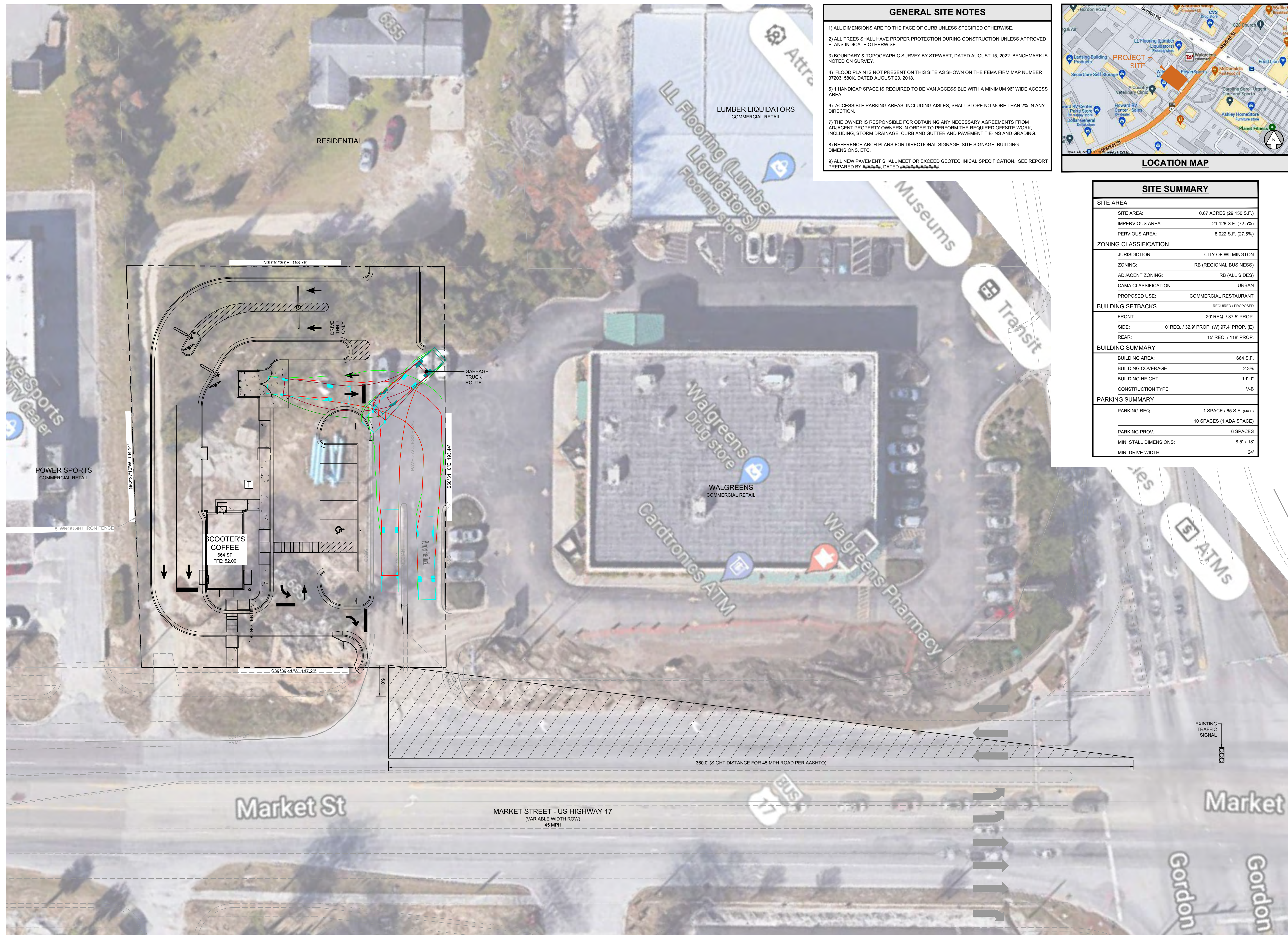
North Carolina 811
www.nc811.org

SCALE & NORTH ARROW:

DESIGN INFO:	
DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	--

SITE PLAN

C-3.0a



GENERAL SITE NOTES

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www.gaskinslecraw.com
P-2646

REVISIONS:

[illegible]

CLIENT

SCOOT HOLDINGS, LLC

8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT

SCOOTERS - WILMINGTON (MARKET ST.)

6851 MARKET STREET

PARCEL R04300-004-018-000

WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

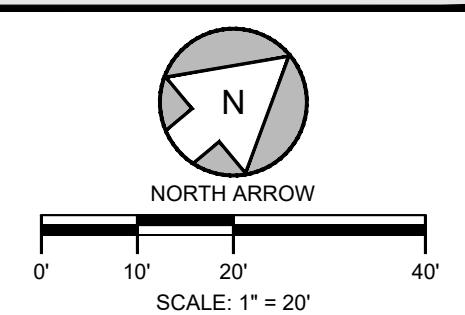


CALL BEFORE YOU DIG

CALL BEFORE YOU DIG



SCALE & NORTH ARROW:



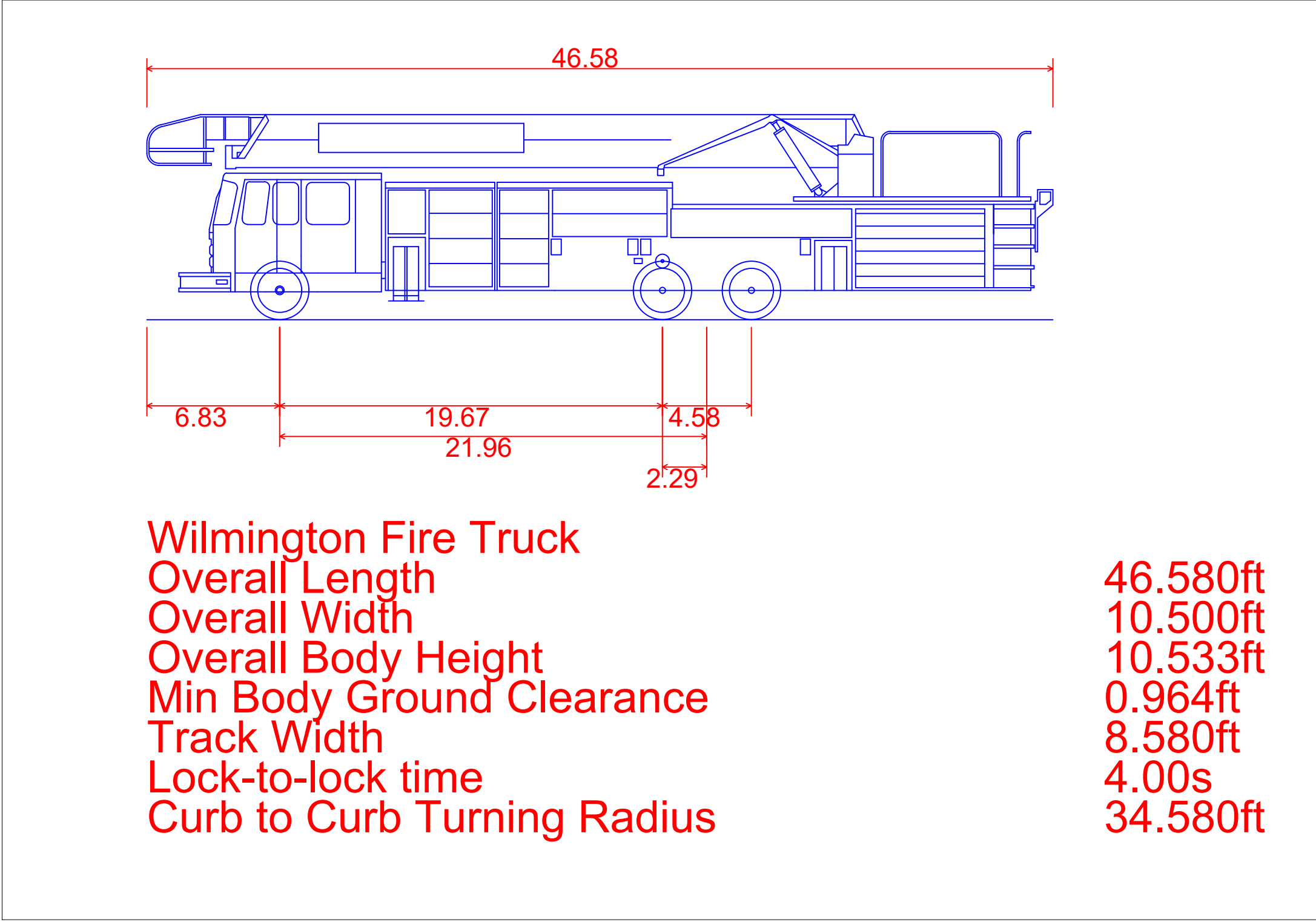
DESIGN INFO:

DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	---


TRAFFIC SITE PLAN

C-3.1

Drawing name: C:\Users\kyle.sharpe\LeCraw Engineering Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\CONSTR\363006 - 06 - FIRE TRUCK EXHIBIT.dwg Jan 13, 2023 2:20pm by: kyle.sharpe



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3475 CORPORATE WAY
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DULUTH, GA 30096
PHONE - 678.346.8100
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P-2646

REVISIONS:

NO.	DATE	BY	CHKD.	REVISION
1	12/08/22	MAT	TKS	CFPLA COMMENTS

CLIENT


SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT

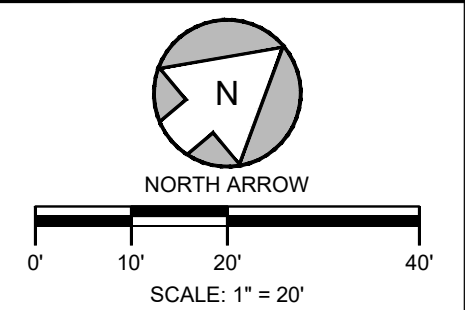
SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

CALL BEFORE YOU DIG



SCALE & NORTH ARROW:



NORTH ARROW
SCALE: 1" = 20'

DESIGN INFO:

DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	--

#####

#####

This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Gaskins + LeCraw, Inc. shall be without liability to Gaskins + LeCraw, Inc. Copyright Gaskins + LeCraw, Inc., 2023

Drawing name: C:\Users\kyle.sharpe\Engineering\Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooter's - Wilmington, NC\CADD\CONSTR\363006 - 07 - GRADING.dwg C-4.0 GRADING PLAN Feb 09, 2023 5:17pm by kyle.sharpe

WPS HOLDINGS, LLC
PID: R04300-004-006-000
DB 6332, PG 2384
ZONED: RB
LAND USE: COMMERCIAL RETAIL

5' WROUGHT IRON FENCE

ROBERT N. BATUVIOS
PID: R04300-004-007-000
DB 5930, PG 284
ZONED: RB
LAND USE: RESIDENTIAL

MM-RC PROPERTIES, LLC
R04300-004-010-000
DB 6339, PG 310
TRACT "A" MB 45, PG 170
ZONED: RB
LAND USE: COMMERCIAL RETAIL

MARKET STREET - US HIGHWAY 17
(VARIABLE WIDTH PUBLIC ROW)
ZONED: RB
LAND USE: COMMERCIAL BANK

GENERAL GRADING NOTES

- 1) ALL CRITICAL SPOT GRADES ALONG CURB ARE BOTTOM OF CURB ELEVATIONS UNLESS OTHERWISE SPECIFIED.
- 2) NO SLOPES ARE TO BE STEEPER THAN 2:1.
- 3) ALL LAND DISTURBANCE TO BE STABILIZED WITH VEGETATION UPON COMPLETION OF DEMOLITION.
- 4) BOUNDARY & TOPOGRAPHIC INFORMATION FROM SURVEY BY STEWART, DATED AUGUST 15, 2022.
- 5) FLOOD PLAN IS NOT PRESENT ON THIS SITE AS SHOWN ON THE FEMA FIRM MAP NUMBER 372031580K, DATED AUGUST 23, 2018.
- 6) EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE ACCOMPLISHED PRIOR TO ANY OTHER CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- 7) OWNER IS RESPONSIBLE FOR MAINTENANCE OF ALL STORM SEWER ON PRIVATE PROPERTY.
- 8) THE OWNER IS RESPONSIBLE FOR OBTAINING ANY NECESSARY AGREEMENTS FROM ADJACENT PROPERTY OWNERS IN ORDER TO PERFORM THE REQUIRED OFFSITE WORK, INCLUDING, STORM DRAINAGE, CURB AND GUTTER AND PAVEMENT TIE-INS AND GRADING.
- 9) VERTICAL DEPTH OF ALL DRY AND PRESSURIZED UTILITIES IS UNKNOWN. CONTRACTOR TO NOTIFY OWNER AND ENGINEER IMMEDIATELY IF ANY CONFLICTS ARE FOUND.
- 10) SIDEWALKS ADJACENT TO BUILDING AND ALONG ADA ROUTES TO HAVE MAXIMUM CROSS SLOPE OF 2%.

KEY NOTES

- 1) CONTRACTOR TO TIE INTO AND MATCH EXISTING GRADE
- 2) RIDGE LINE
- 3) 2:1 SLOPE
- 4) ADA PARKING AREA, MAXIMUM SLOPE OF 2% IN ANY DIRECTION
- 5) CONTRACTOR TO FINE GRADE DRAINAGE SWALE TO ENSURE POSITIVE DRAINAGE TO INFILTRATION BASIN

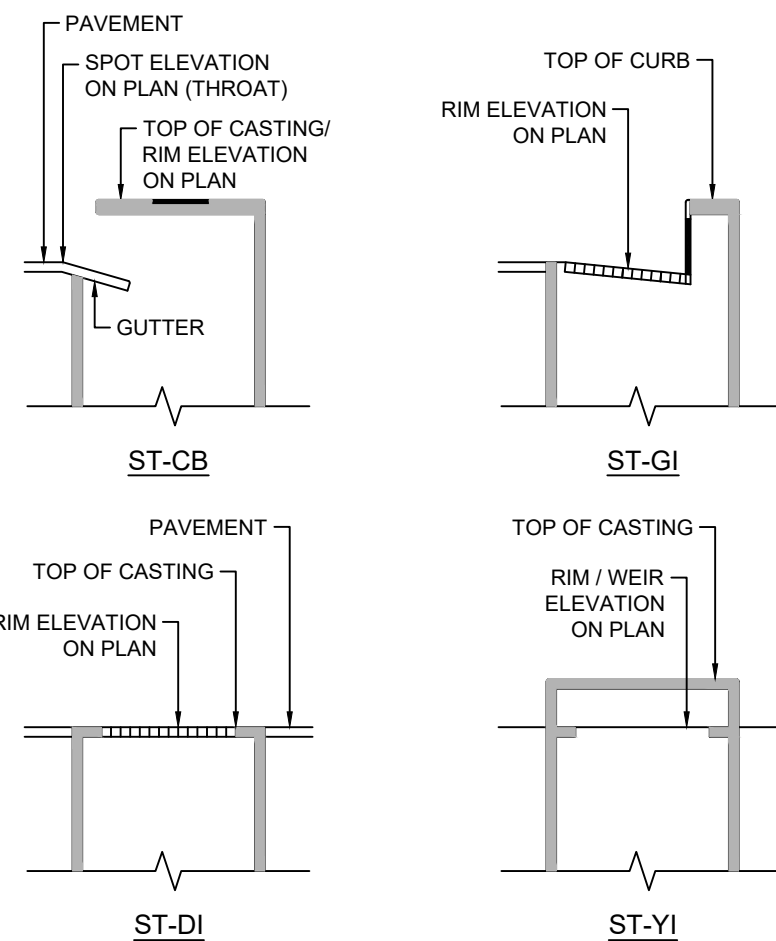
SPOT ELEVATION LEGEND

BR: BOTTOM OF RAMP
BW: BOTTOM OF WALL
LP: LOW POINT
TR: TOP OF RAMP
TW: TOP OF WALL
HP: HIGH POINT
*ALL CRITICAL SPOT GRADES ALONG CURB ARE BOTTOM OF CURB ELEVATIONS UNLESS OTHERWISE SPECIFIED.

STRUCTURE TYPES

STGI: PER NCDOT STD 840.03
STJB: PER NCDOT STD 840.3
STPC: POND/PIPE CONNECTION
STCB: PER NCDOT STD 840.04
STDI: PER NCDOT STD 840.16

DEFINITION OF STRUCTURE SPOT ELEVATIONS



PIPE CHART

STORM PIPES

NAME:	SIZE:	LENGTH:	SLOPE:	INV UP:	INV DOWN:	MATERIAL:
A1-A2	12"	4.08	1.00%	47.04 (A2 - STJB)	47.00 (A1 - STPC)	HDPE
A2-A2.1	12"	43.64	0.50%	47.26 (A2.1-STYI)	47.04 (A2 - STJB)	HDPE
A2-A3	12"	52.02	0.25%	47.17 (A3-STGI)	47.04 (A2 - STJB)	HDPE
A3-A4	12"	39.78	0.25%	47.27 (A4-STGI)	47.17 (A3-STGI)	HDPE

STRUCTURE CHART

NAME:	TYPE:	STATION:	RIM:	INV IN: (PIPE)	INV OUT: (PIPE)
A1 - STPC	POND CONNECTION	0+02.51	50.30	47.00 (A1-A2)	
A2 - STJB	JUNCTION BOX	0+06.59	50.26	47.04 (A2-A3) 47.04 (A2-A2.1)	47.04 (A1-A2)
A2.1-STYI	YARD INLET	0+50.24	49.50		47.26 (A2-A2.1)
A3-STGI	HOOD & GRATE INLET	0+58.02	49.13	47.17 (A3-A4)	47.17 (A2-A3)
A4-STGI	HOOD & GRATE INLET	0+98.40	49.03		47.27 (A3-A4)

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REVISIONS:

REV #	DATE	CHECKED BY	DRAWN BY	TRC COMMENTS	MAT	TKS
2	12/08/22			CFUA COMMENTS		
1						

CLIENT
SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT
SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

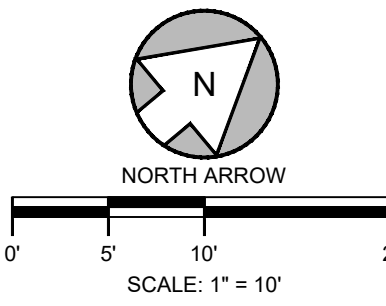


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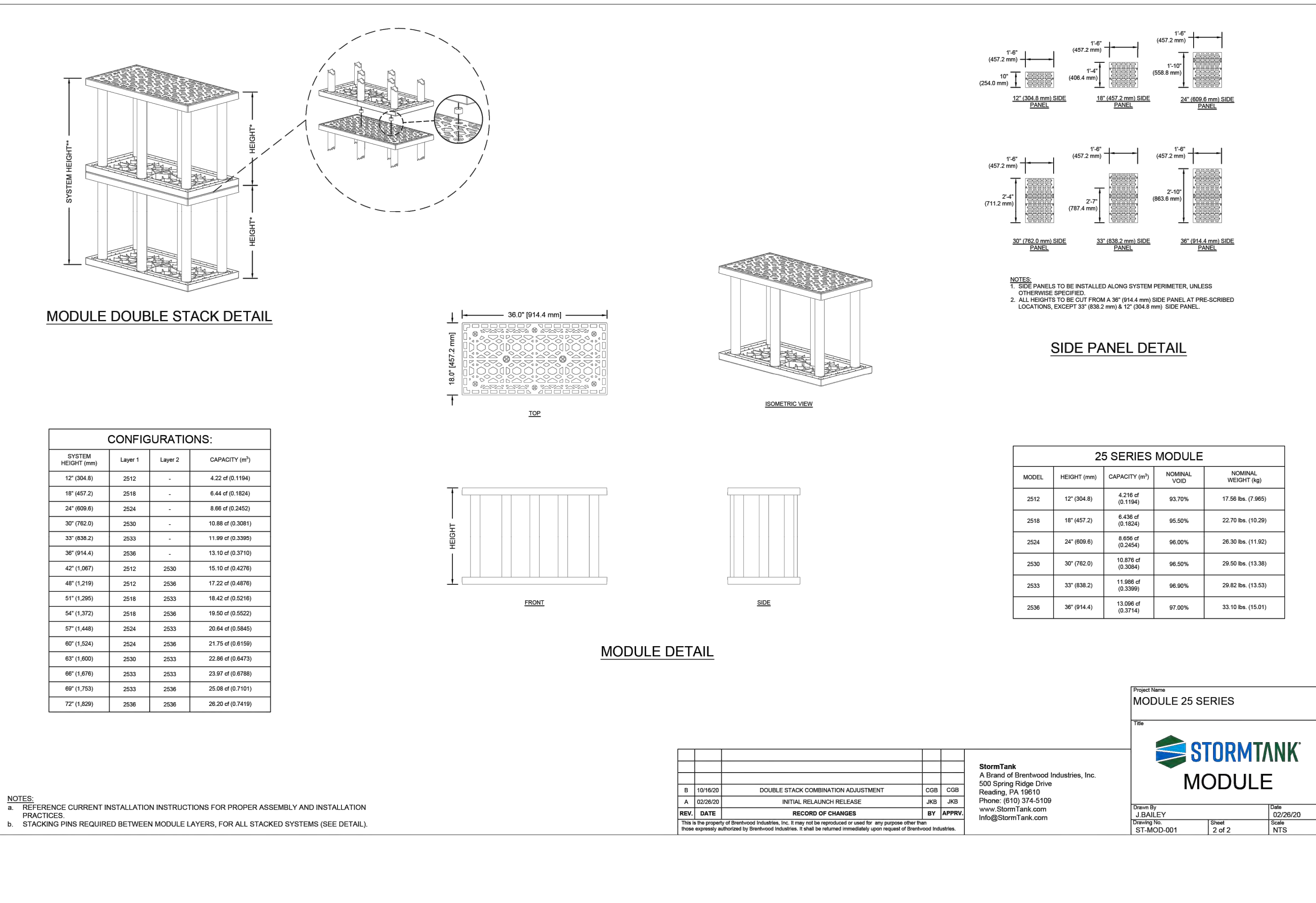
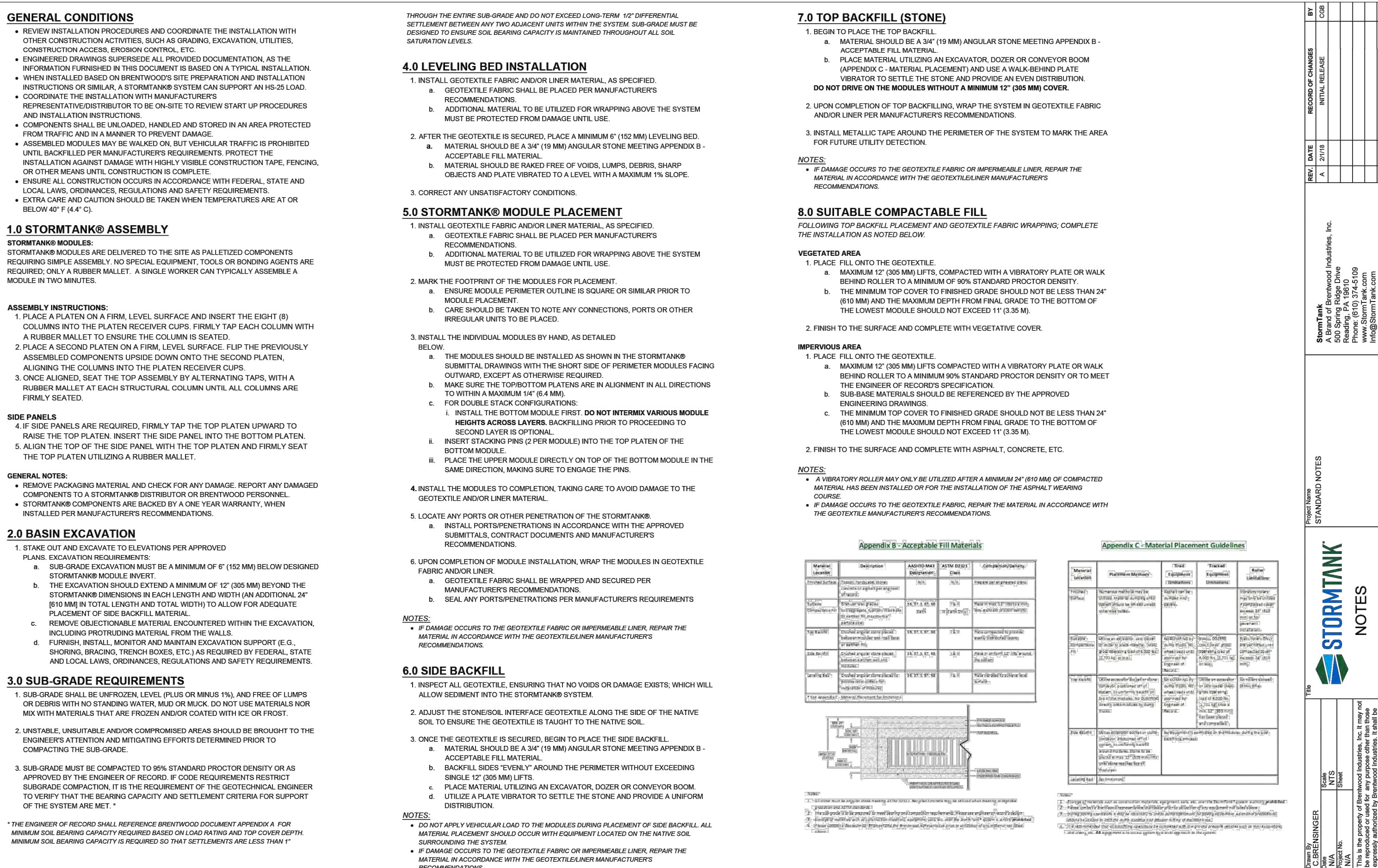
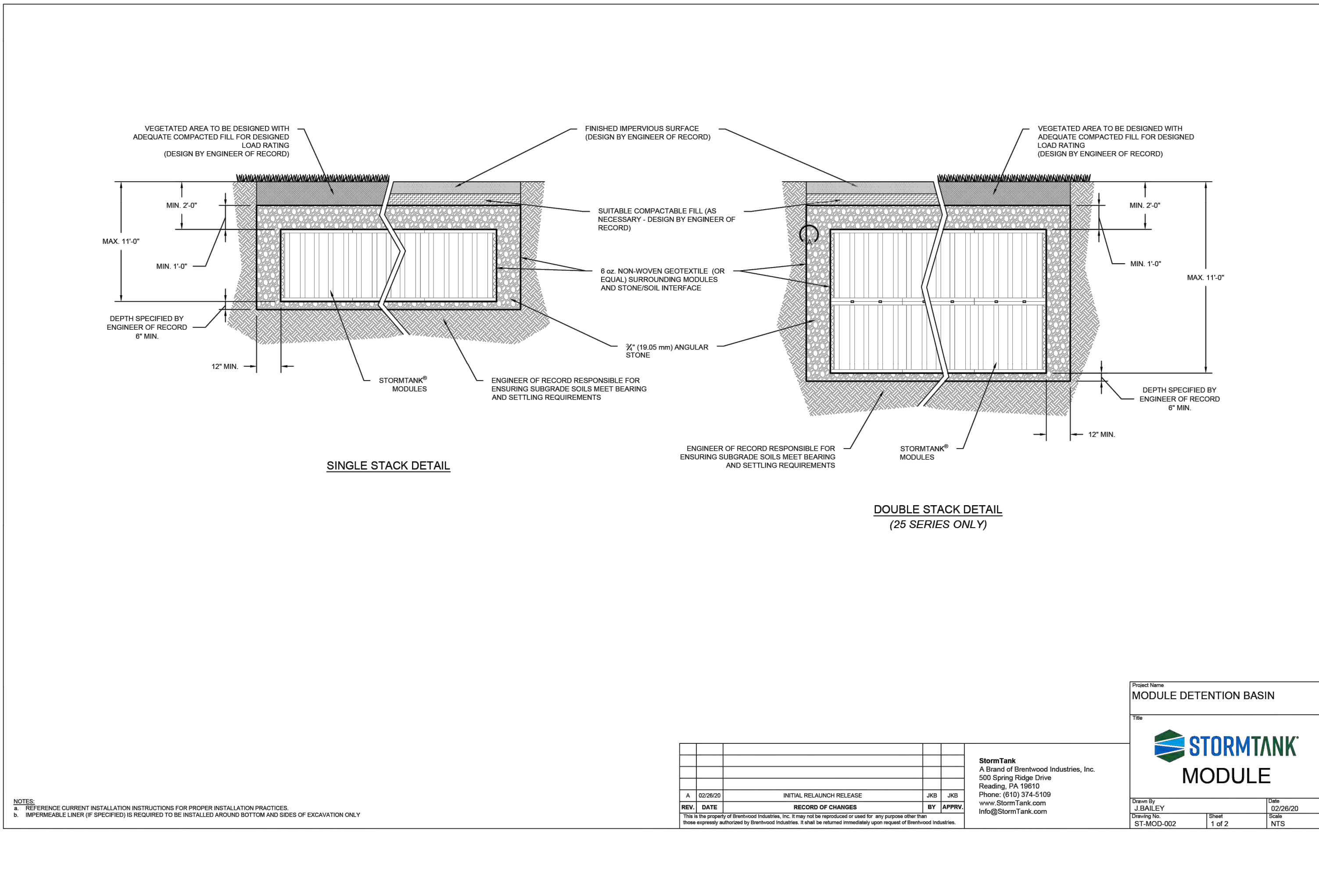
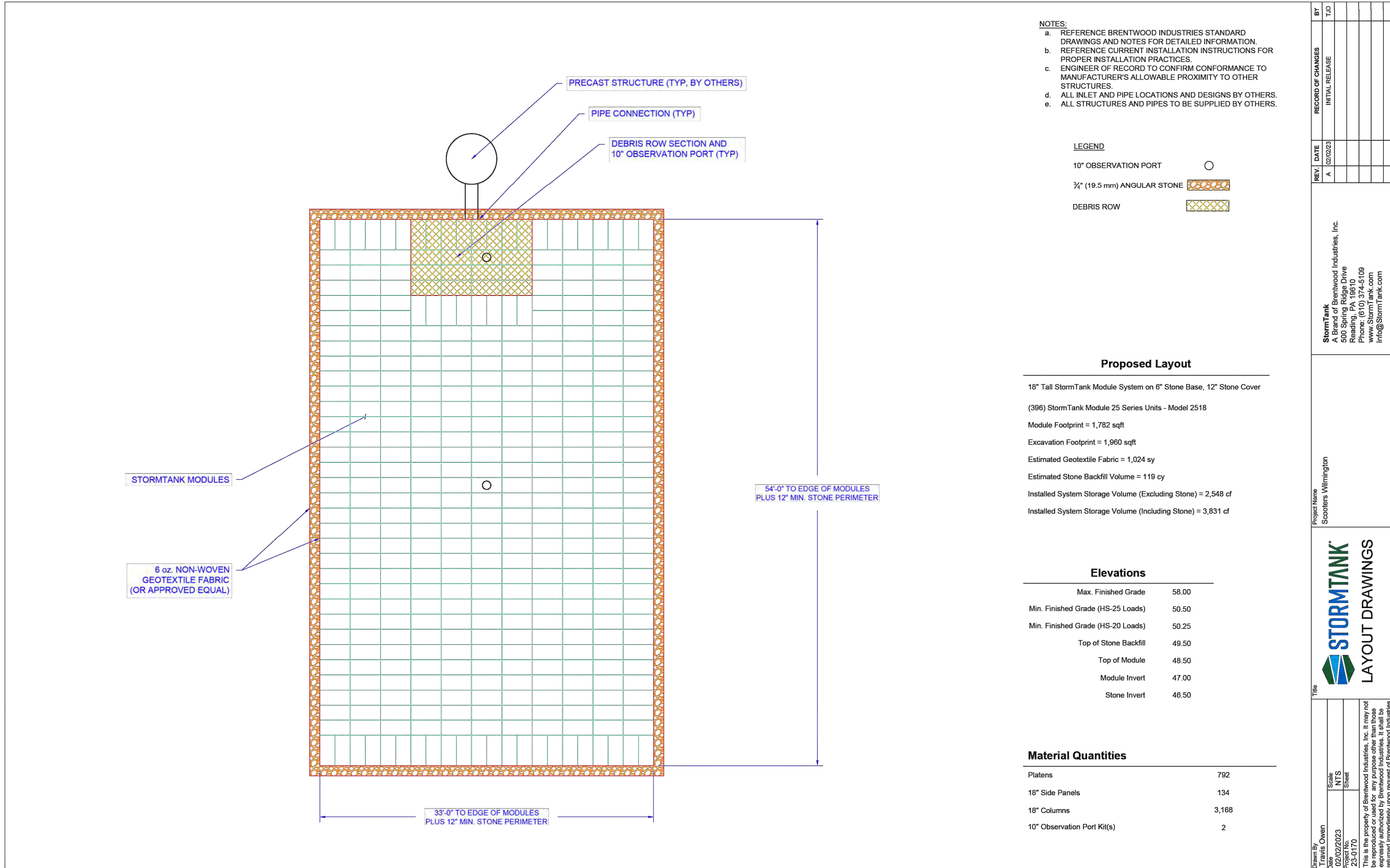


DESIGN INFO:

DRAWN BY: MAT
DESIGNED BY: MAT
REVIEWED BY: TKS
JOB #: 363006
DATE: --

GRADING PLAN

C-4.0

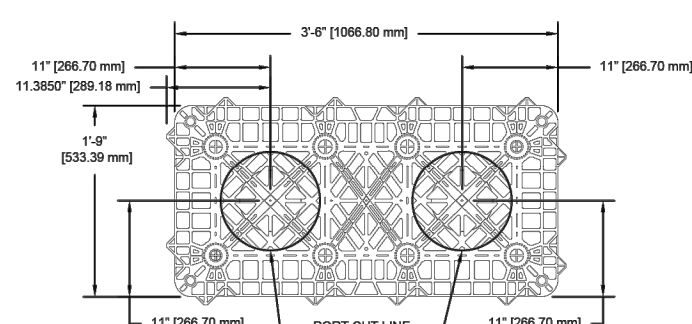


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20 SERIES MODULE

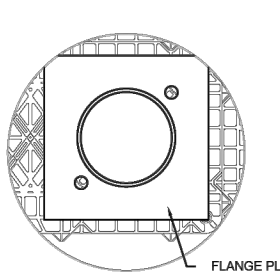
STEP 1

AT ONE OF THE TWO PREPARED PORTS, THE PORT IS TO BE MARKED ONTO THE PLATE AND THEN THE OPENING CUT INTO THE PLATE USING A JAGGED OR BARZAL, BEING SURE TO STAY AS CLOSE TO THE PORT DIAMETER AS POSSIBLE.



STEP 2

PLACE PORT INTO OPENING

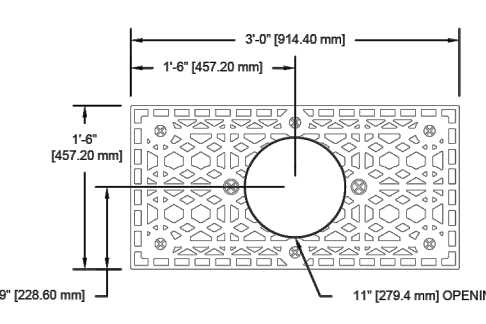


PORT INSTALLATION DETAIL

25 SERIES MODULE

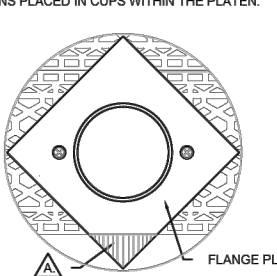
STEP 1

PORT IS TO BE MARKED ONTO THE PLATE AND THEN THE OPENING CUT INTO THE PLATE USING A JAGGED OR BARZAL, BEING SURE TO STAY AS CLOSE TO THE PORT DIAMETER AS POSSIBLE.



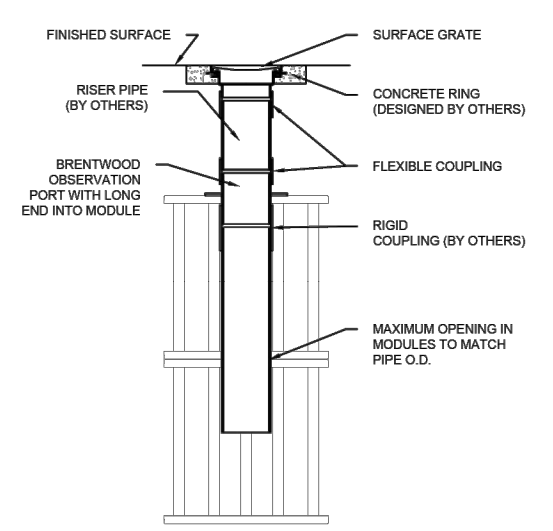
STEP 2

PLACE PORT INTO OPENING, ALIGNING PORT WITH STACKING PREPARED IN CLUE WITHIN THE PLATE.

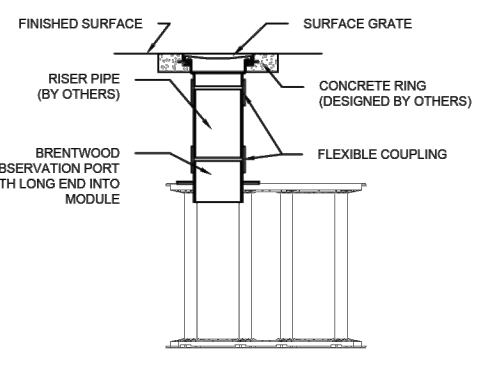


MARK & CUT FLANGE PLATE FLUSH WITH MODULE SIDE. WHEN MODULE IS ON THE PERIMETER OF THE SYSTEM.

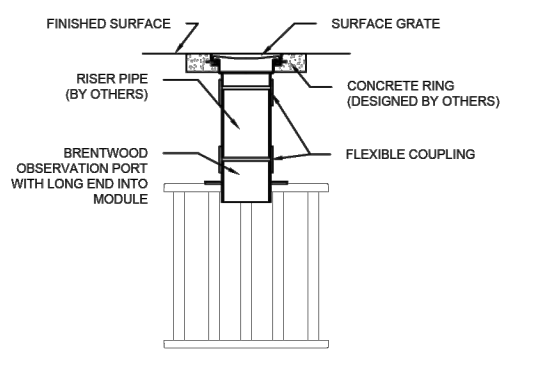
DOUBLE STACK DETAIL (25 SERIES ONLY)



SINGLE STACK DETAIL (20 SERIES)




SINGLE STACK DETAIL (25 SERIES)



SURFACE GRATE INSTALLATION DETAIL

Project Name

OBSERVATION PORT INSTALLATION



MODULE

Drawn By: J. BAILEY
Checked By: ST-MOD-003
Date: 02/26/20
Sheet: 1 of 1
Scale: NTS

StormTank

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Rev: A
Date: 02/26/20
Initial Release Release
Record of Changes
By: JAB
JAB
NTS

DEBRIS ROW SIZING CALCULATION:

BASED UPON TESTING A DEBRIS ROW CAN REMOVE 96.1% OF TSS. THIS IS CALCULATED BY TAKING THE TREATMENT FLOW RATE DIVIDED BY THE TREATMENT AREA DETERMINED IN THE TEST.

$$Q = \text{TREATMENT FLOW RATE}$$
$$F = \text{MODULE FOOTPRINT}$$
$$F = 4.2 \text{ SF FOR 20 SERIES MODULE}$$
$$F = 4.5 \text{ SF FOR 25 SERIES MODULE}$$
$$\text{MODULE COUNT} = Q / (F \times 0.059933)$$

NOTE: GEOTEXTILE HEIGHT BASED ON HYDROGRAPH ELEVATION OF SELECTED STORM OR MINIMUM 12" (304.8mm), WHICHEVER IS GREATER, AND CONNECTED TO PANEL WITH ZIP-TIES.

CROSS-SECTION

NOTES:

- 25 SERIES MODULE USED FOR ILLUSTRATION PURPOSES ONLY. DEBRIS ROW CAN BE INSTALLED IN EITHER MODULE CONFIGURATION.
- REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.
- CONCRETE COLLAR REQUIRED AROUND ACCESS BORES TO MEET HS-20 AND HS-25 LOAD RATING (DESIGN BY ENGINEER OF RECORD).

ISOMETRIC

REV	DATE	RECORD OF CHANGES	BY	APPROV
B	11/05/20	UPDATED DEBRIS ROW SIZING CALCULATION	CSB	CSB
A	02/26/20	INITIAL RELEASE RELEASE	JAB	JAB

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DEBRIS ROW DETAIL

REV	DATE	RECORD OF CHANGES	BY	APPROV
B	11/05/20	UPDATED DEBRIS ROW SIZING CALCULATION	CSB	CSB
A	02/26/20	INITIAL RELEASE RELEASE	JAB	JAB

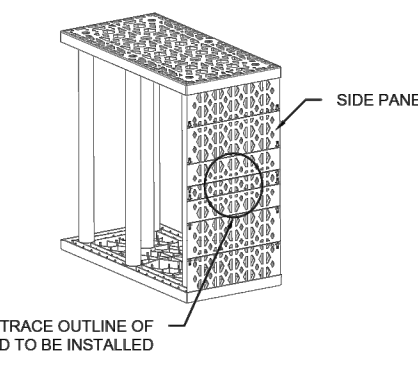
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Phone: (610) 374-5109
www.StormTank.com
info@StormTank.com

NOTES:

- REFERENCE CURRENT INSTALLATION INSTRUCTIONS FOR PROPER INSTALLATION PRACTICES.

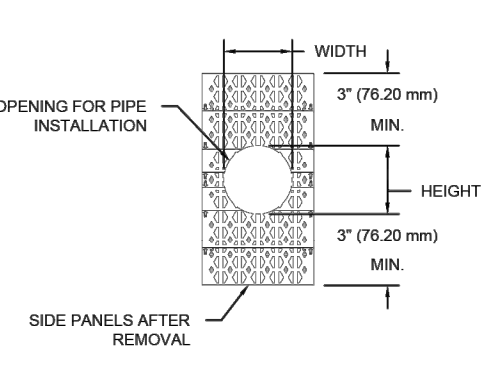
STEP 1:

LOCATE AND MARK OPENING



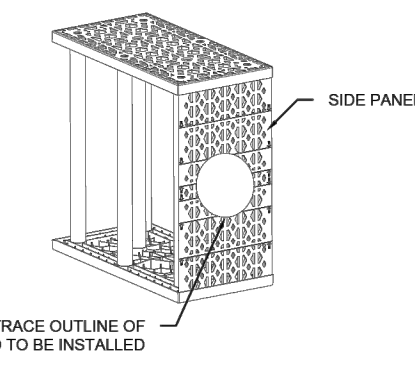
STEP 2:

REMOVE SIDE PANELS FROM MODULES AND CUT OPENING



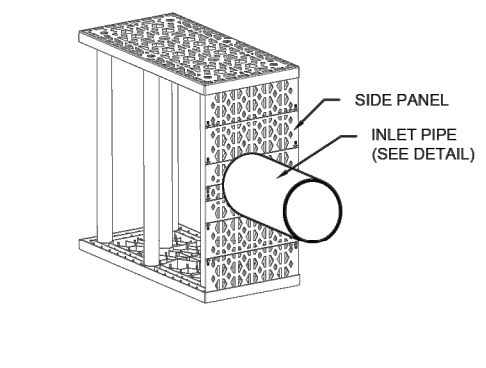
STEP 3:

REINSTALL SIDE PANEL



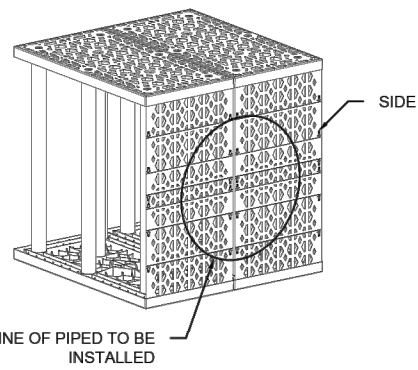
STEP 4:

INSERT PIPE (SLIP-FIT) AND SECURE GEOTEXTILE FABRIC



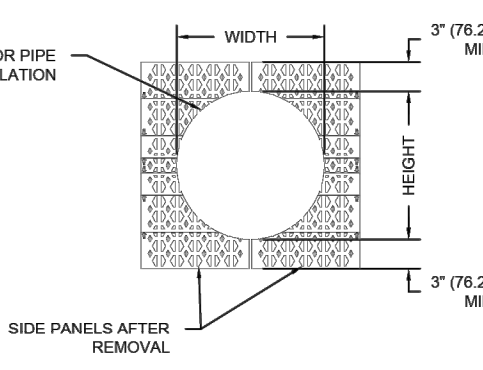
STEP 1:

LOCATE AND MARK OPENING



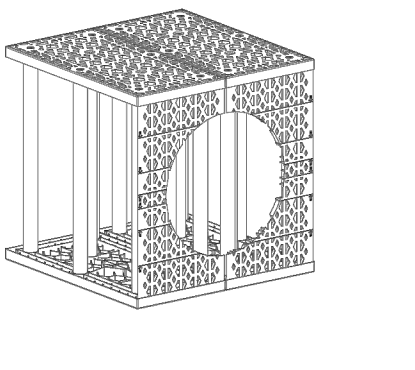
STEP 2:

REMOVE SIDE PANELS FROM MODULES AND CUT OPENING



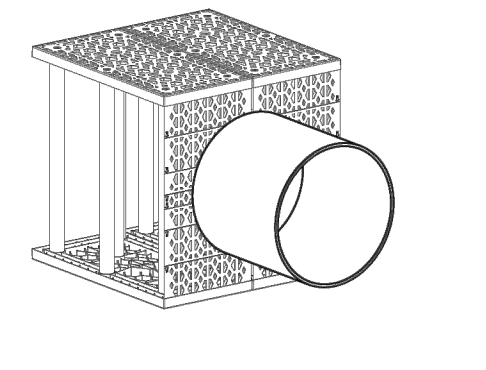
STEP 3:

REINSTALL SIDE PANELS




STEP 4:

INSERT PIPE (SLIP-FIT) AND SECURE GEOTEXTILE FABRIC



Project Name

PLASTIC PIPE CONNECTION DETAIL



MODULE

Drawn By: J. BAILEY
Checked By: ST-MOD-005
Date: 02/26/20
Sheet: 2 of 4
Scale: NTS

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Rev: A
Date: 02/26/20
Initial Release Release
Record of Changes
By: JAB
JAB
NTS

MODULE	MODULE	MAX. BELL	MAX. OPENING	MAX. OPENING
20 SERIES	25 SERIES	DIAMETER (mm)	HEIGHT (mm)	WIDTH (mm)
--	2512	12" (304.8)	6" (152.4)	30" (762.0)
2018	2518	18" (457.2)	12" (304.8)	30" (762.0)
2024	2524	24" (609.6)	18" (457.2)	30" (762.0)
--	2530	30" (762.0)	24" (609.6)	30" (762.0)
--	2533	33" (838.2)	27" (685.8)	30" (762.0)
2036	2536	36" (914.4)	30" (762.0)	30" (762.0)

I.D. (mm)	WALL THICKNESS (mm)	BELL DIAMETER (mm)
12" (304.8)	2.00" (50.8)	16.0" (406.4)
15" (381.0)	2.25" (57.2)	19.5" (495.3)
18" (457.2)	2.50" (63.5)	23.0" (584.2)
21" (533.4)	2.75" (69.9)	26.5" (673.1)
24" (609.6)	3.00" (76.2)	30.0" (762.0)
27" (685.8)	3.25" (82.6)	33.5" (850.9)
30" (762.0)	3.50" (88.9)	37.0" (939.8)

DETAIL

REV	DATE	RECORD OF CHANGES	BY	APPROV
A	02/26/20	INITIAL RELEASE RELEASE	JAB	JAB
B	02/26/20	RECORD OF CHANGES	JAB	JAB

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CONCRETE PIPE CONNECTION DETAIL

REV	DATE	RECORD OF CHANGES	BY	APPROV
A	02/26/20	INITIAL RELEASE RELEASE	JAB	JAB
B	02/26/20	RECORD OF CHANGES	JAB	JAB

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REVISIONS:

REV #	DATE	CHKD BY	DATE	CHKD BY	REVISION
2	02/02/23	TKS	02/02/23	TKS	TRC COMMENTS
1	12/08/22	MAT	12/08/22	MAT	CFLA COMMENTS

CLIENT
SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT
SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:

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SCALE & NORTH ARROW:

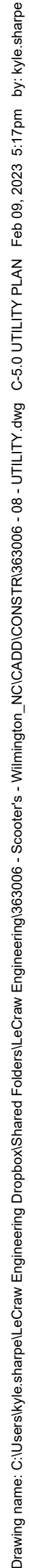
DESIGN INFO:

DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	--

POND DETAILS 2

C-4.2

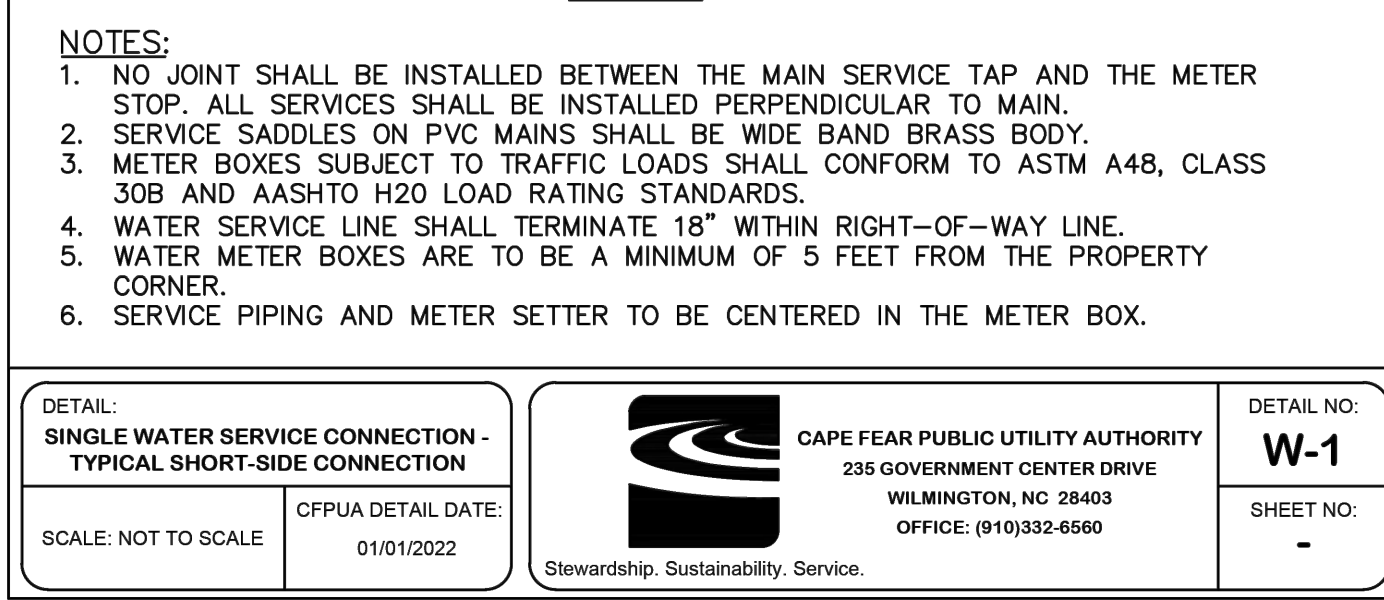
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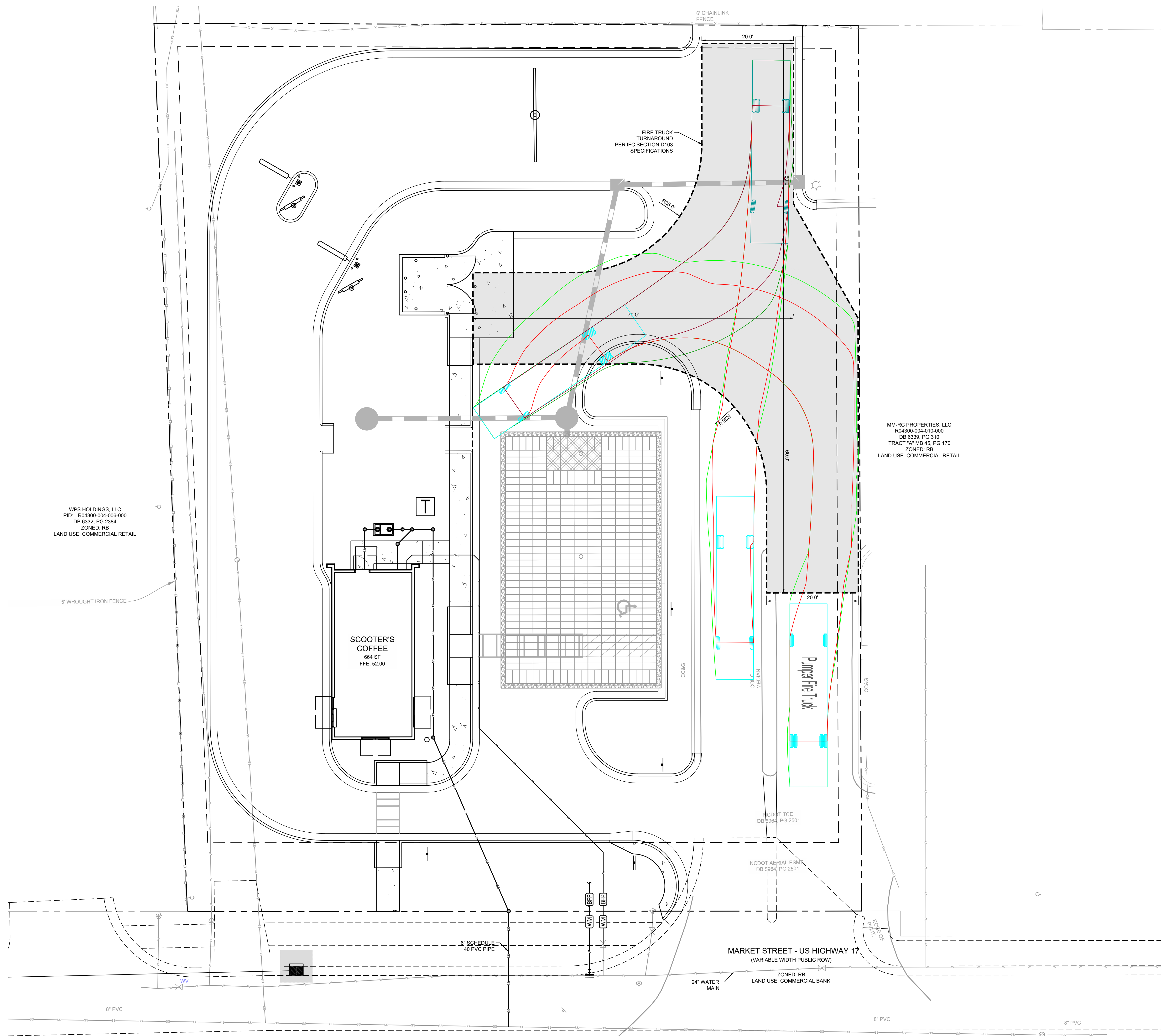
<u>CITY FIRE & LIFE SAFETY NOTES</u>	
1)	CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
2)	LANDSCAPING OR PARKING CANNOT BLOCK FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL ALWAYS BE MAINTAINED AROUND THE CIRCUMFERENCE OF HYDRANTS.
3)	ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.

CAUTION

THE UTILITIES SHOWN ARE SHOWN FOR THE CONTRACTORS CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS OF UNDERGROUND UTILITIES, AND IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO VERIFY THE LOCATIONS OF ALL UTILITIES SHOWN AS WELL AS THOSE NOT SHOWN WITHIN THE CONSTRUCTION LIMITS. ALL DAMAGE MADE TO EXISTING UTILITIES BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.



C-5.0



CITY FIRE & LIFE SAFETY NOTES

- 1) CONTRACTOR SHALL MAINTAIN AN ALL-WEATHER ACCESS FOR EMERGENCY VEHICLES AT ALL TIMES DURING CONSTRUCTION.
- 2) LANDSCAPING OR PARKING CANNOT BLOCK FIRE HYDRANTS. A 3-FOOT CLEAR SPACE SHALL ALWAYS BE MAINTAINED AROUND THE CIRCUMFERENCE OF HYDRANTS.
- 3) ADDITIONAL FIRE PROTECTION AND/OR ACCESSIBILITY REQUIREMENTS MAY BE REQUIRED DUE TO ANY SPECIAL CIRCUMSTANCES CONCERNING THE PROJECT.

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REVISIONS:

[illegible]

CLIMATE

CLIENT
SCOOT HOLDINGS, LLC

89993 UNITY CHURCH ROAD - DENVER, NC 28037

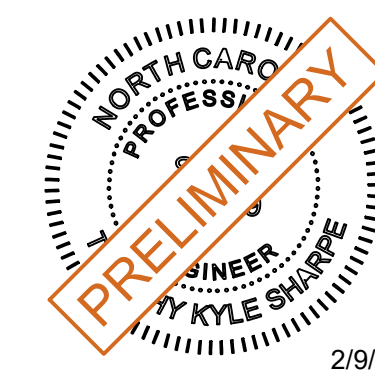
PROJECT

SCOOTERS - WILMINGTON (MARKET ST.)

6851 MARKET STREET
PARCEL R04300-004-018-000

PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

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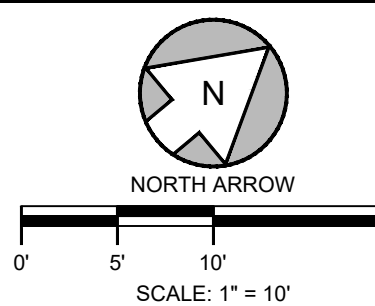


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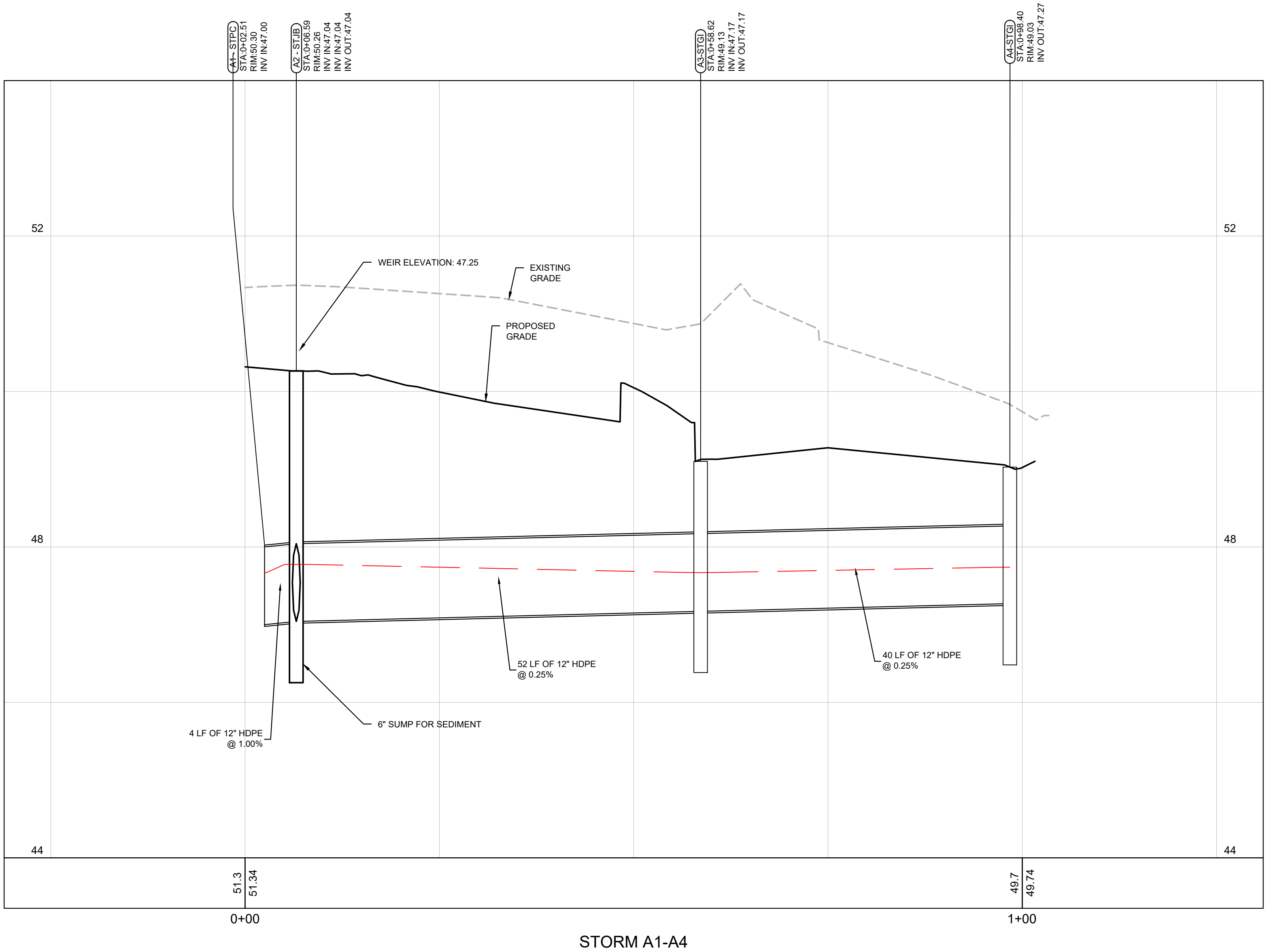
DESIGN INFO:

DRAWN BY:	MA
DESIGNED BY:	MA
REVIEWED BY:	TK
JOB #:	3630
DATE:	

FIRE TRUCK ROUTE PLAN

C-5.1

Drawing name: C:\Users\kyle.sharpe\LeCraw Engineering\Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\CONSTR\363006 - 09 - PROFILES.dwg C-6.0 STORM PROFILES Feb 09, 2023 5:18pm by kyle.sharpe




STORM A1-A4

STRUCTURE TYPES			
ST1:	PER NCDOT STD 840.03	STCB:	PER NCDOT STD 840.04
ST2:	PER NCDOT STD 840.03	STDI:	PER NCDOT STD 840.16
STPC:	POND/PIPE CONNECTION		

PROFILE LEGEND	
EXISTING GRADE:	-----
PROPOSED GRADE:	_____
100 YR. HGL:	-----

PREPARED IN THE OFFICE OF:



GASKINS
+LECRAW

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REVISIONS:

REV #	DATE	DRAWN BY	CHECKED BY
1	12/08/22	MAT	TKS
2	02/02/23	MAT	TKS


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8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT


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6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:




2/9/2023

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SCALE & NORTH ARROW:



0' 5' 10' 20'

SCALE: 1" = 10'

DESIGN INFO:

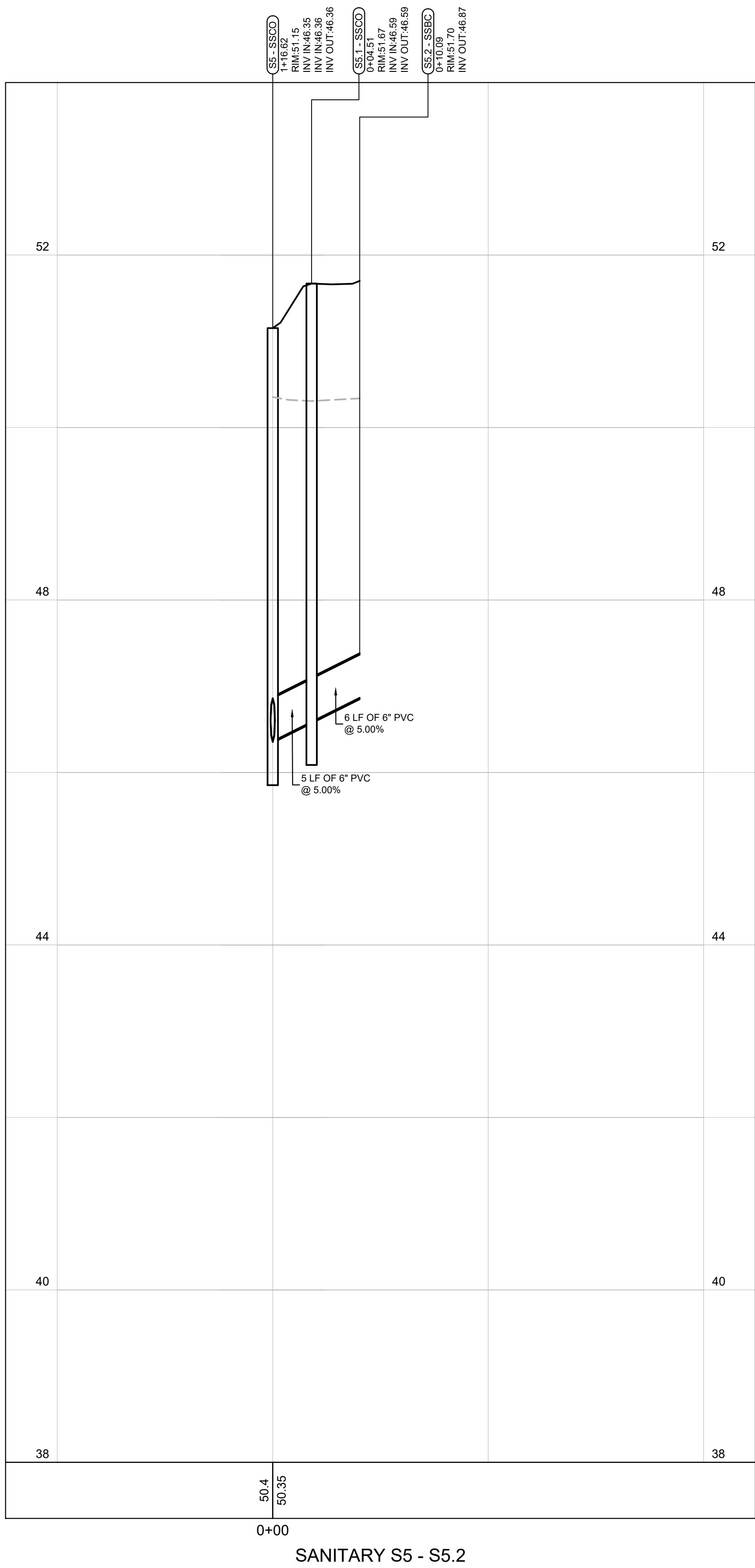
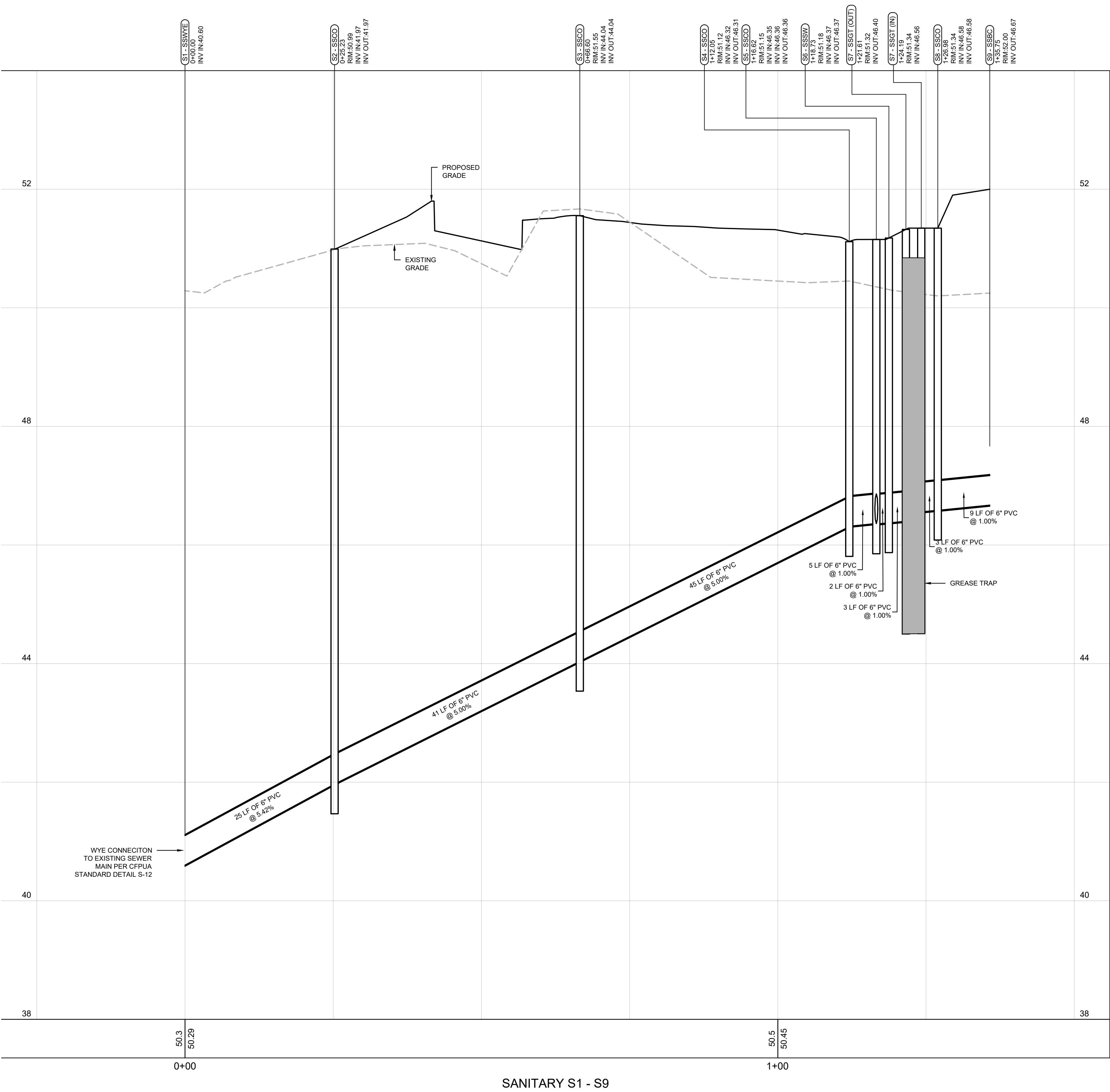
DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	--

STORM PROFILES

C-6.0

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STRUCTURE TYPES			
SSCO:	CLEANOUT	SSDD:	DUMPSTER DRAIN
SSMH:	MANHOLE	SSGT:	GREASE TRAP
SSBC:	BUILDING CONNECTION	SSSW:	SAMPLING WELL

PROFILE LEGEND	
EXISTING GRADE:	-----
PROPOSED GRADE:	_____

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REVISIONS:

REV #	DATE	DRAWN BY	CHECKED BY	TKS	TRC COMMENTS
2	12/02/23	MAT	TKS		
1	12/08/22	MAT	TKS		


CLIENT

SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT


SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

SEAL:




2/9/2023

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SCALE & NORTH ARROW:



NORTH ARROW

SCALE: 1" = 10'

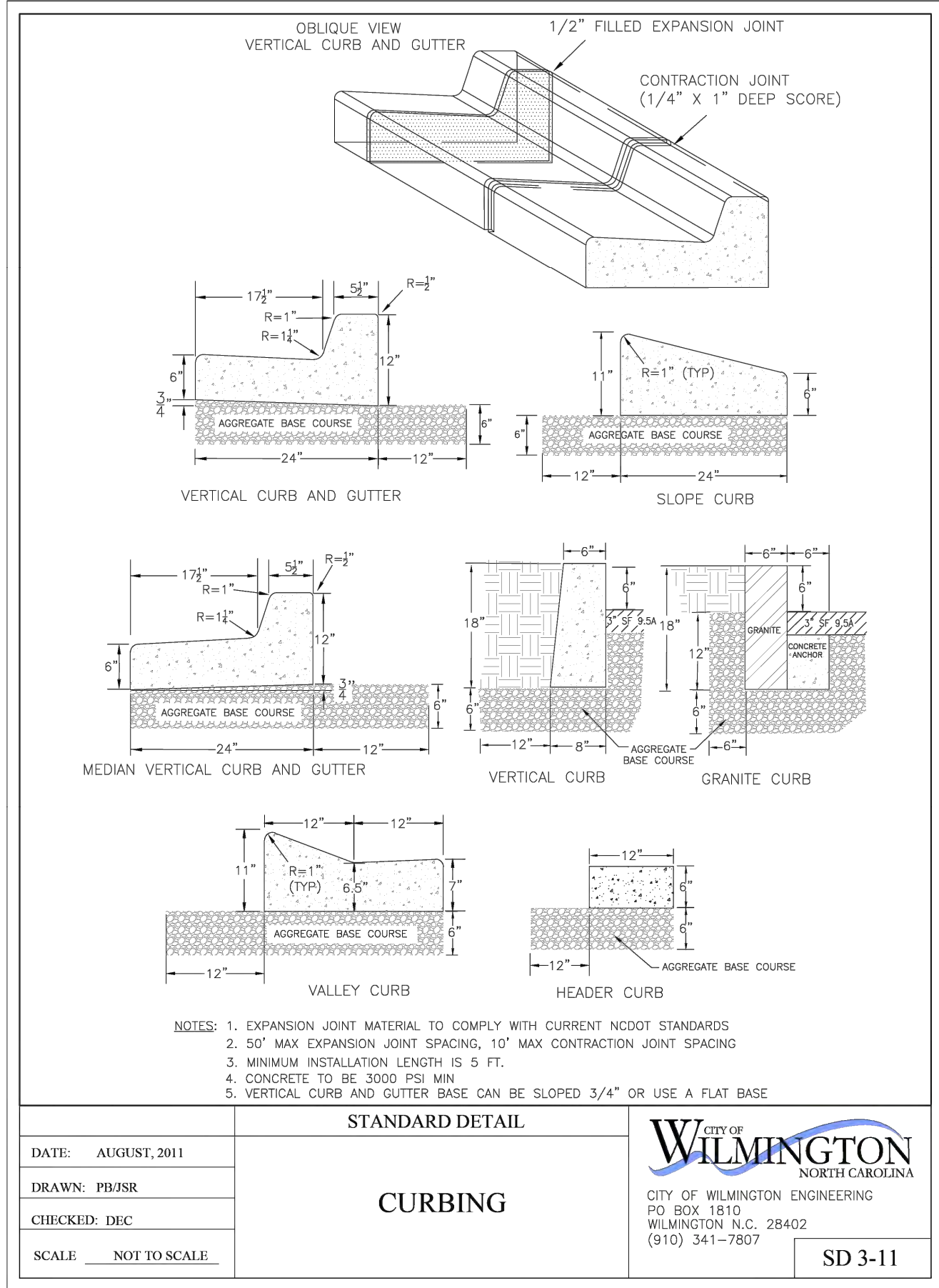
DESIGN INFO:

DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	--

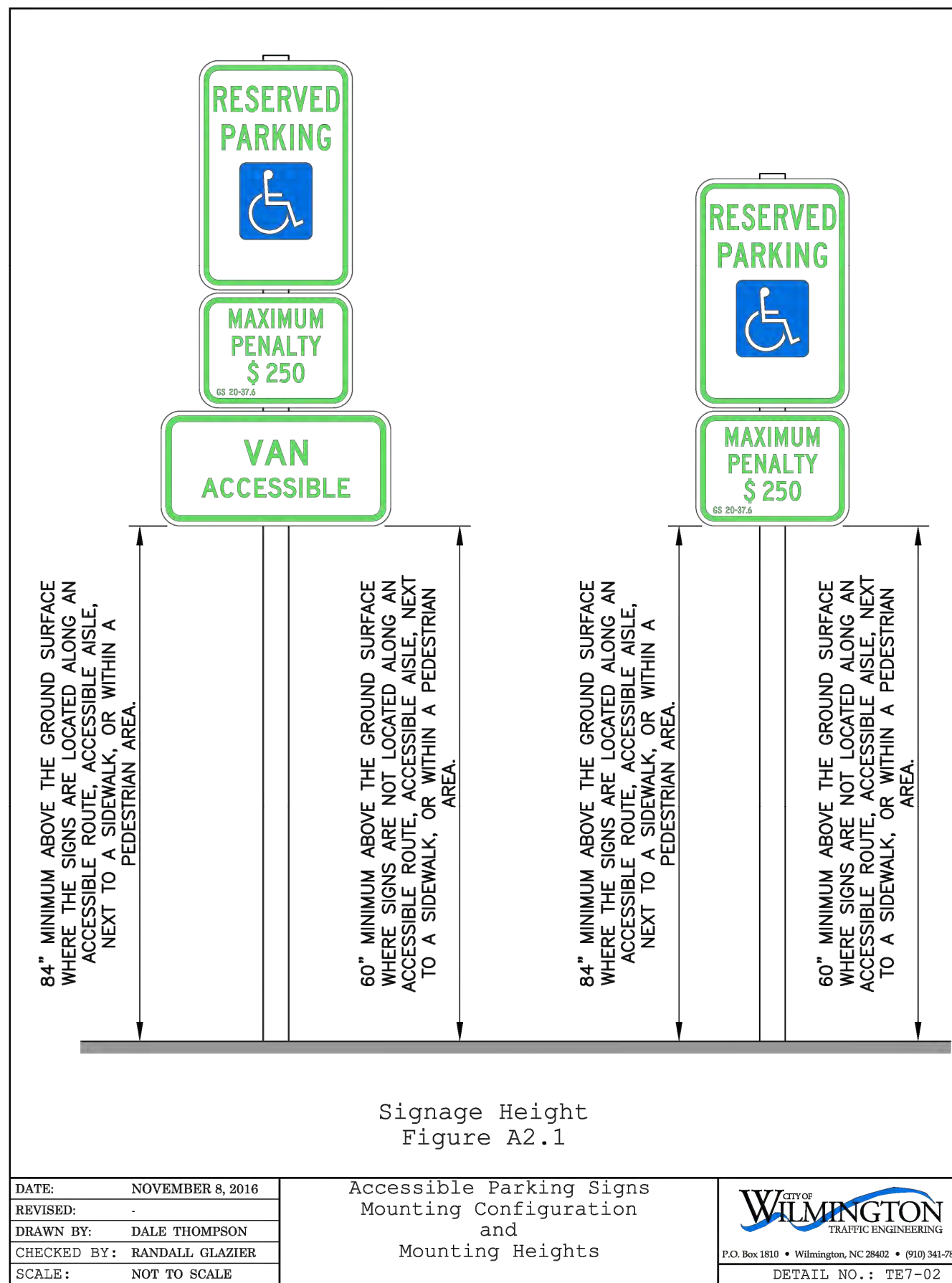
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C-6.1

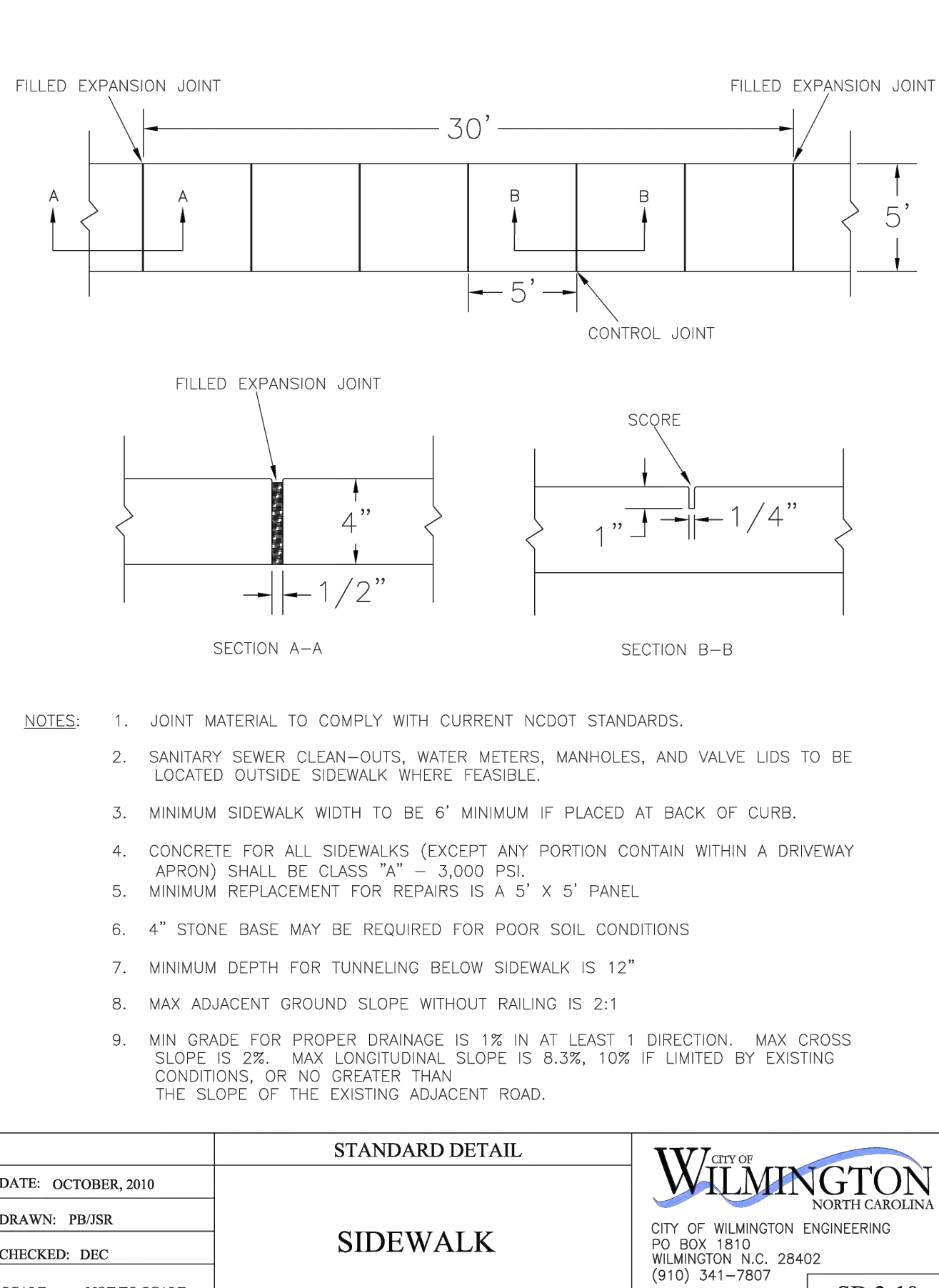
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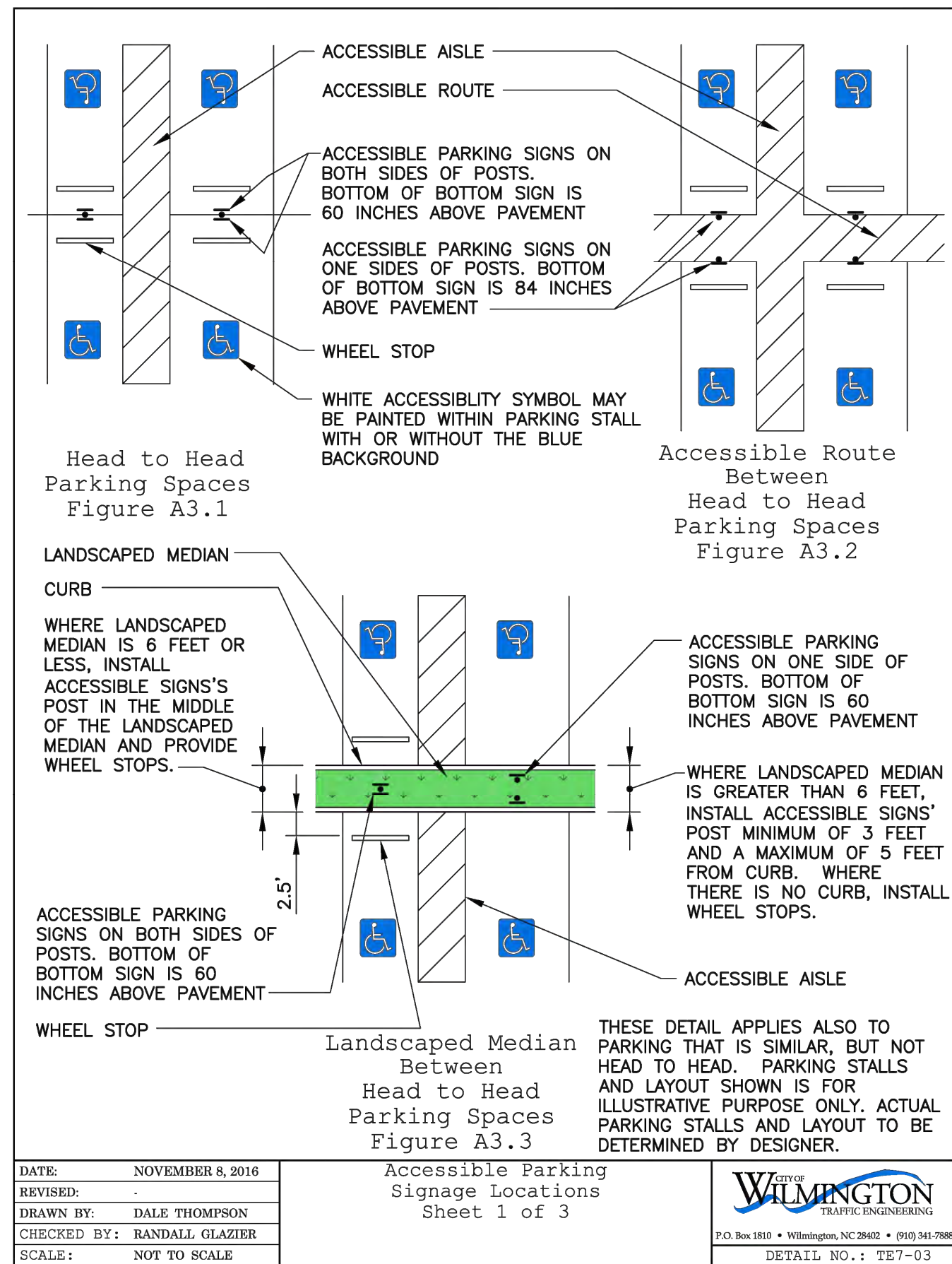
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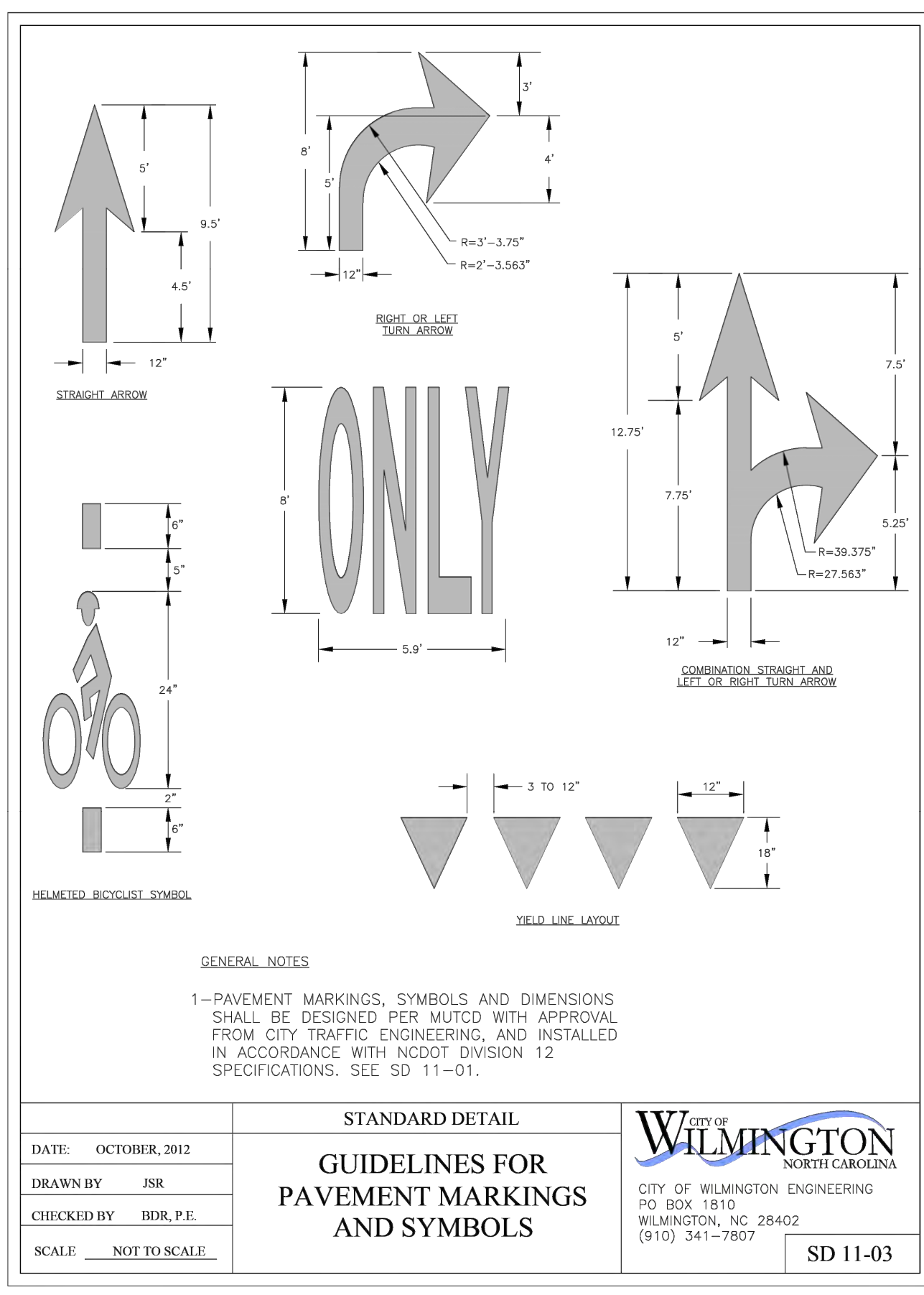
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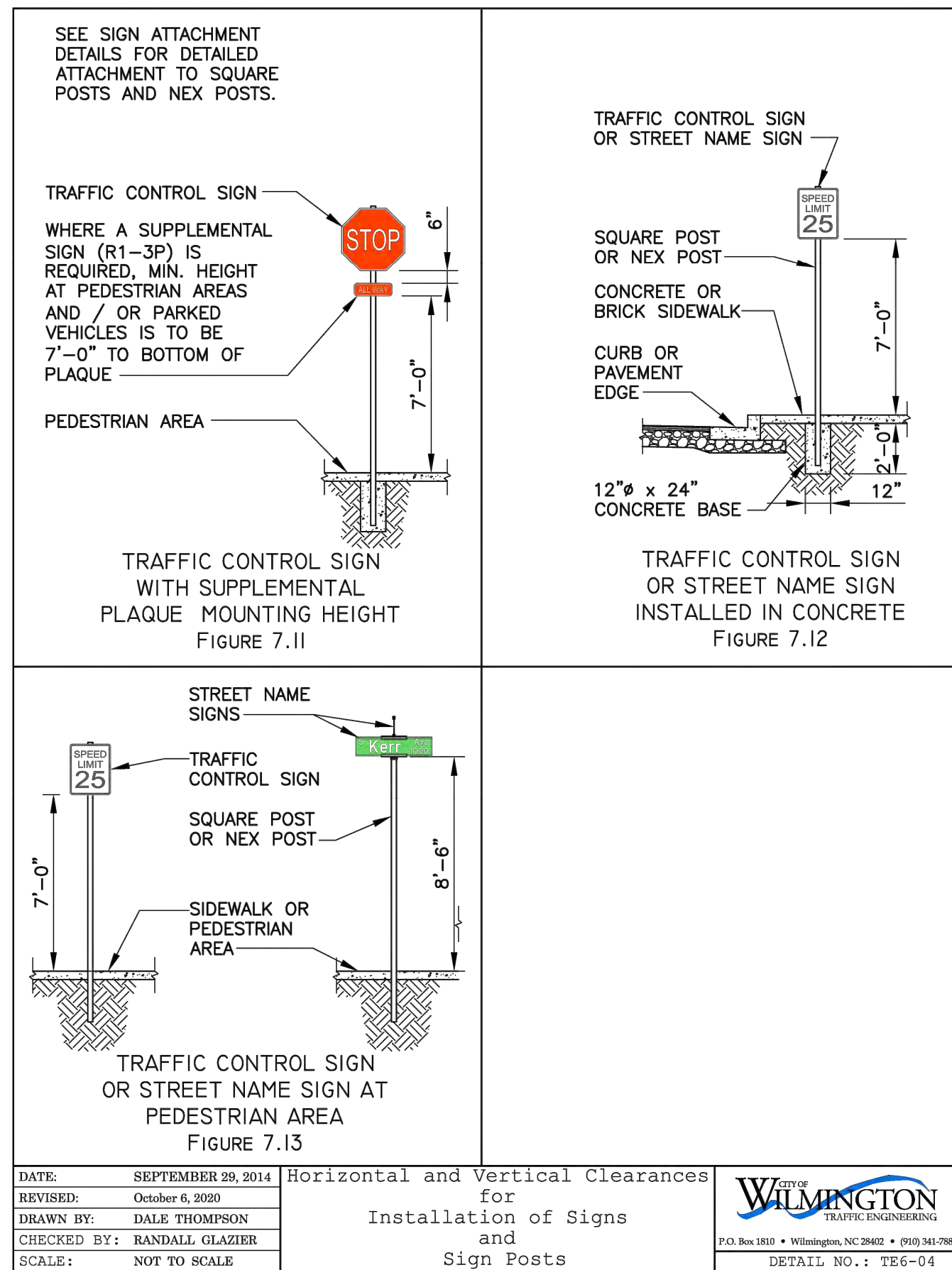
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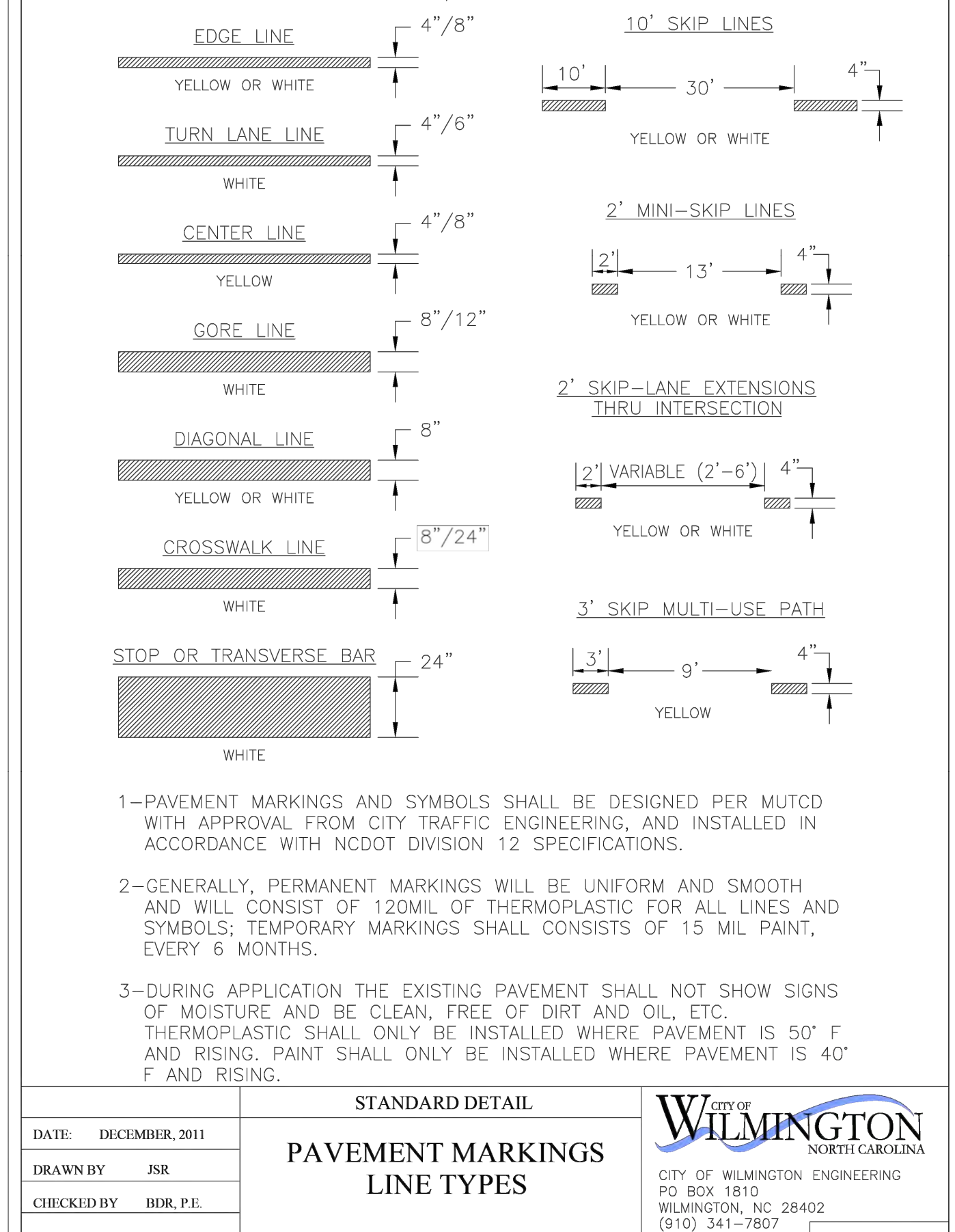
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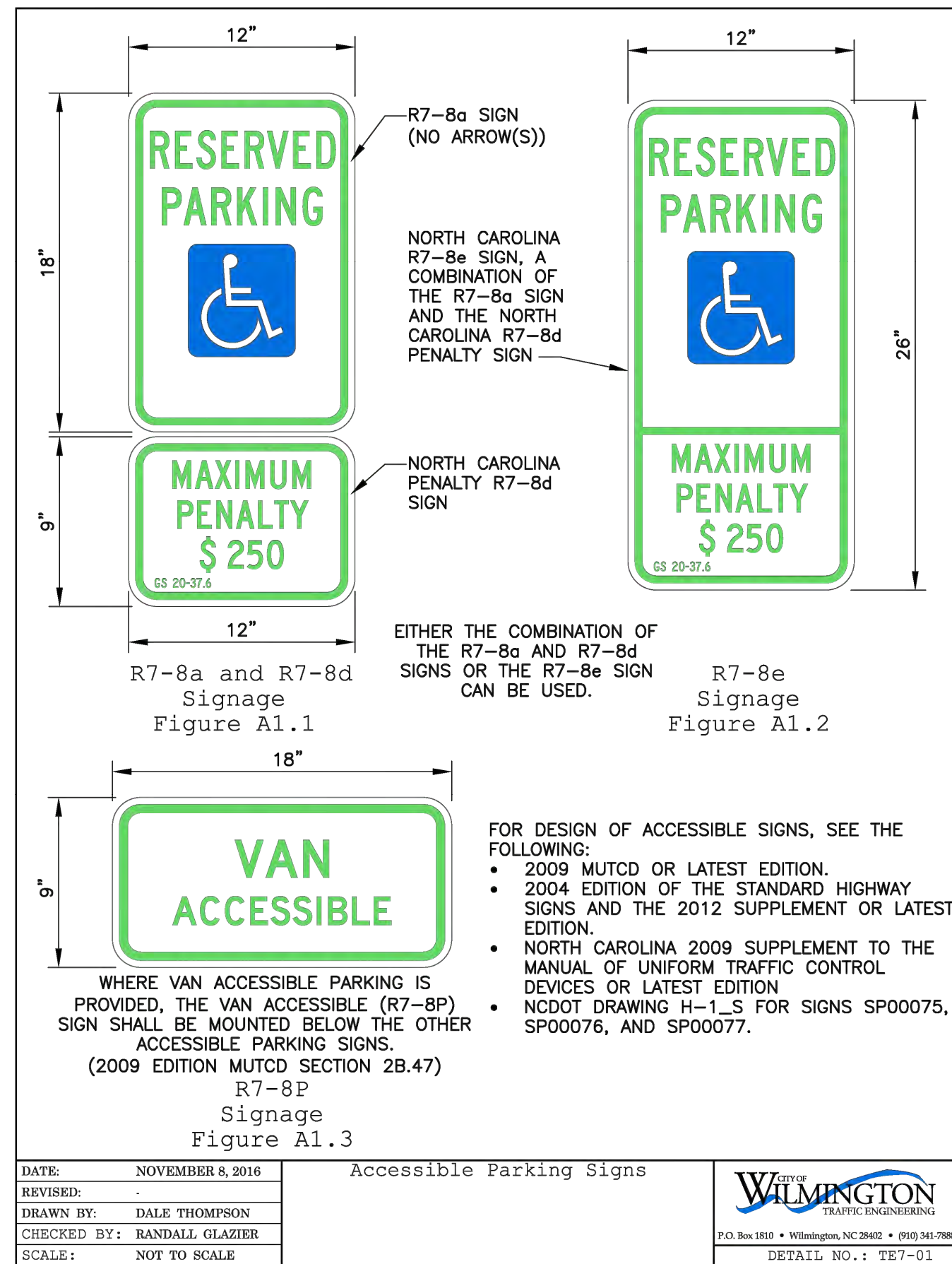
CITY DETAIL



CITY DETAIL



CITY DETAIL



CITY DETAIL

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NO.	DATE	DESCRIPTION	BY	CHKD
1	12/08/22	TRC COMMENTS	MAT	TKS
2	12/08/22	CFJA COMMENTS	MAT	TKS

CLIENT: SCOOT HOLDINGS, LLC
8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT: SCOOTERS - WILMINGTON (MARKET ST.)
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SCALE & NORTH ARROW:

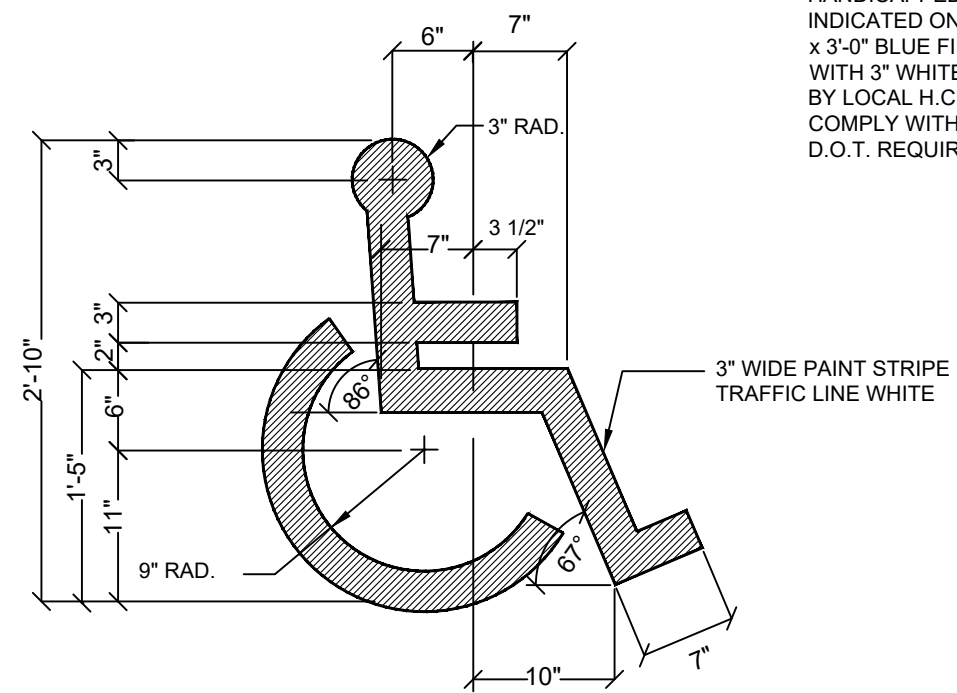
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DETAILS ARE NOT DRAWN TO SCALE

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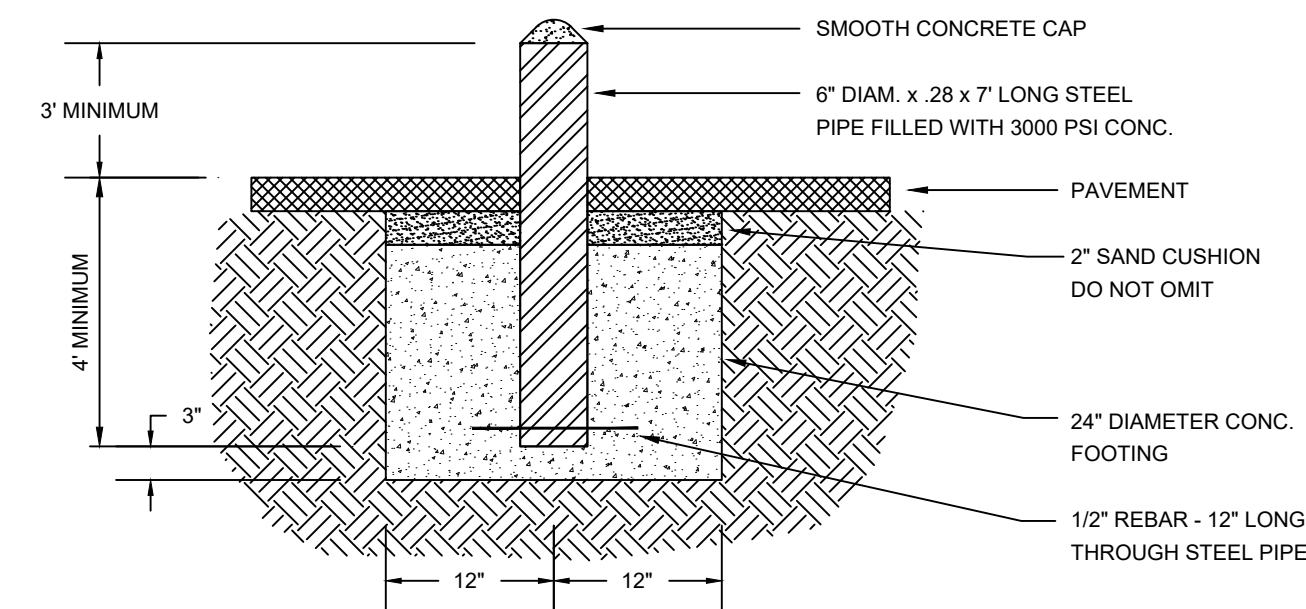
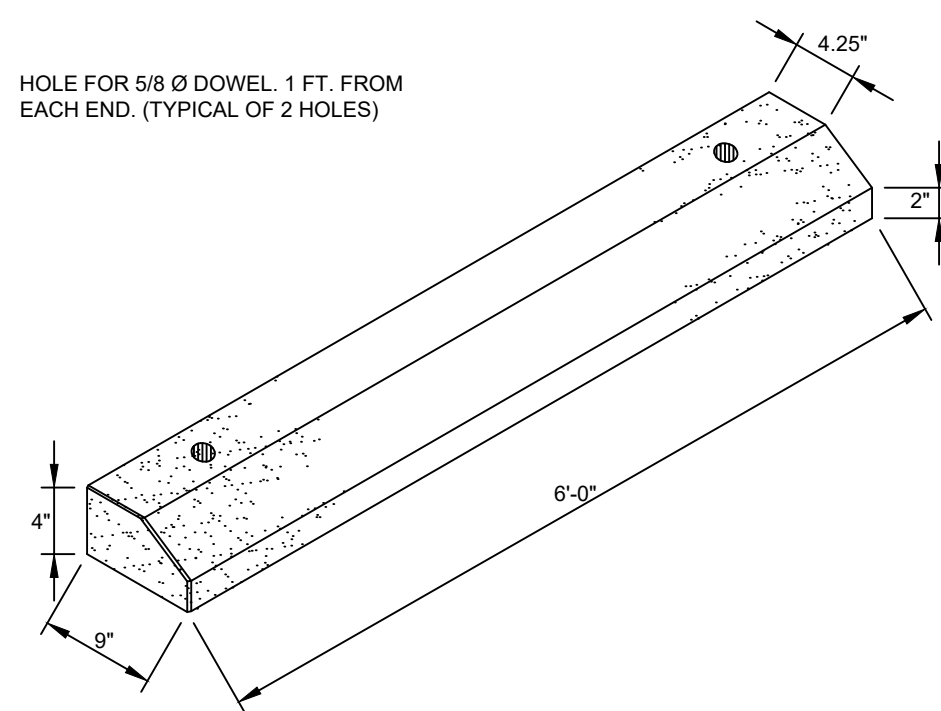
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DESIGNED BY: MAT
REVIEWED BY: TKS
JOB #: 363006
DATE: ---

CONSTRUCTION DETAILS - 1

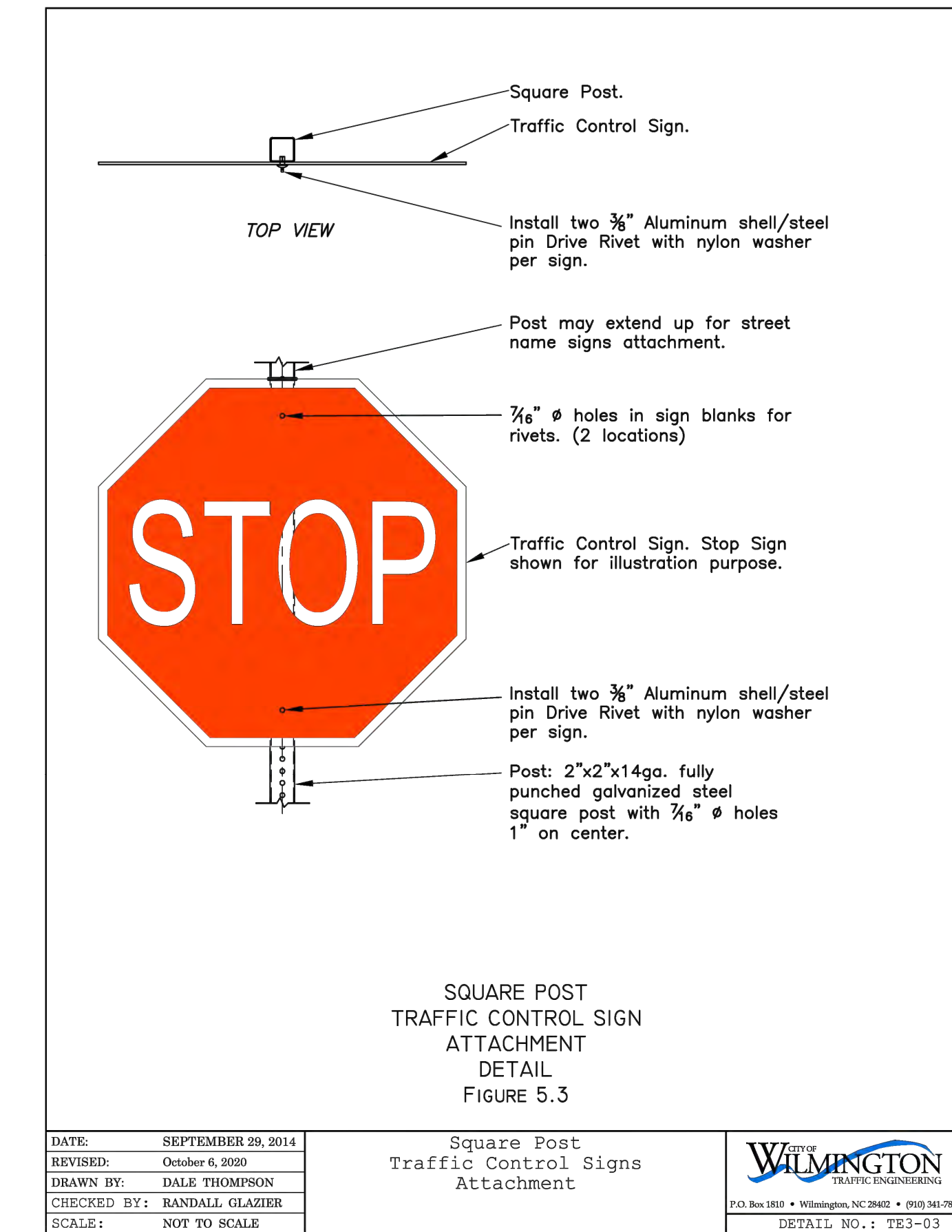
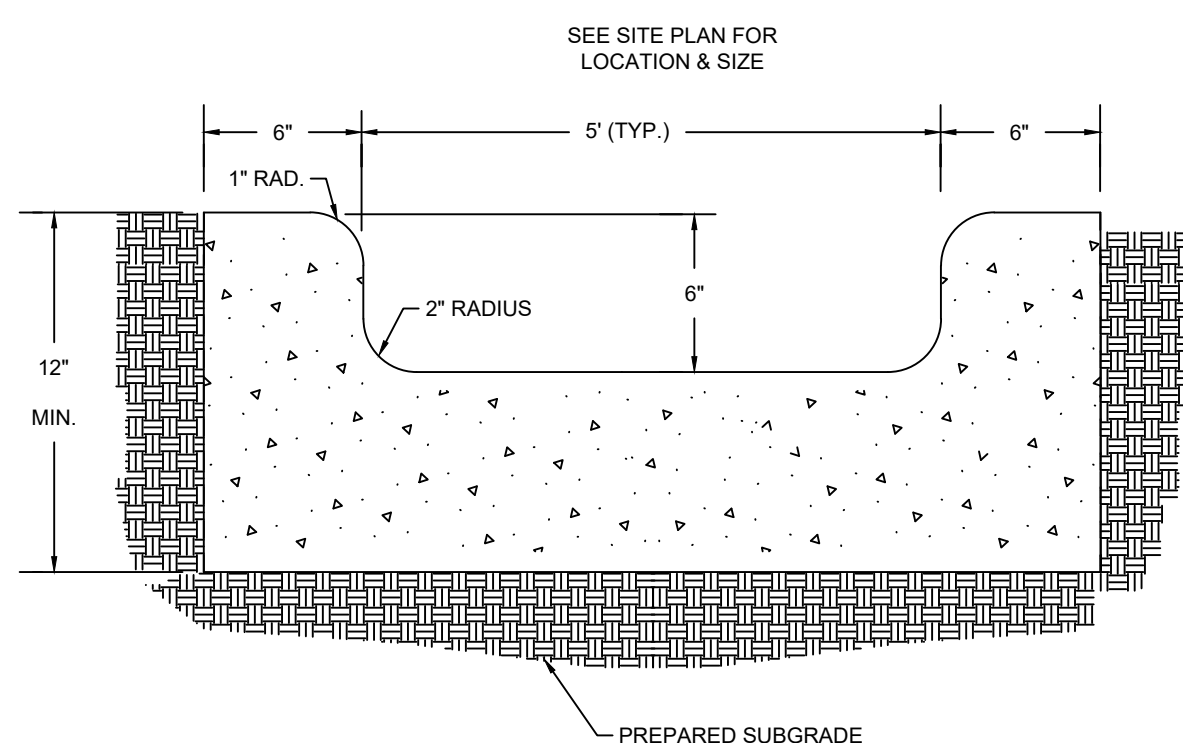
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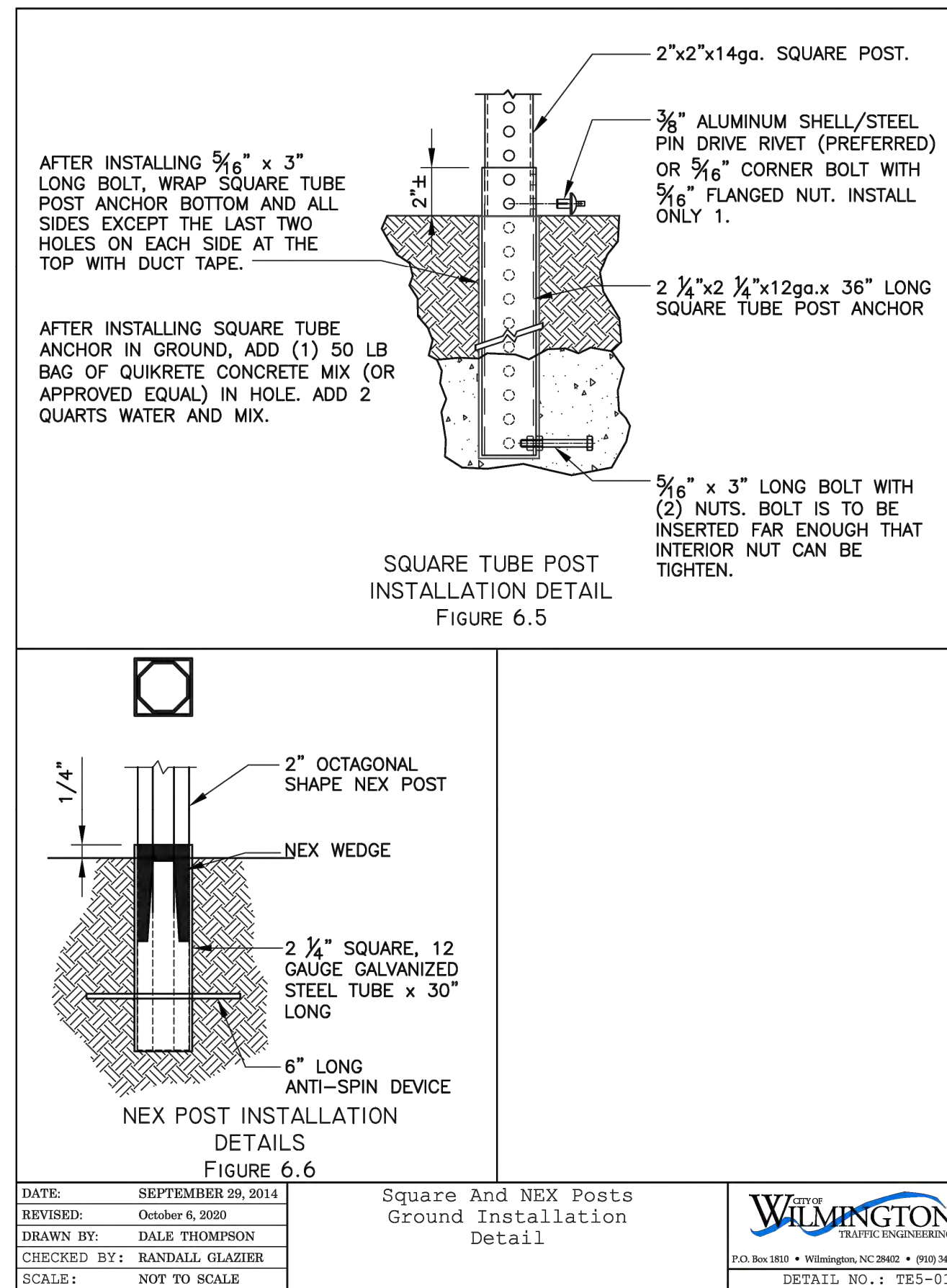
ADA PARKING SYMBOL DETAIL



BOLLARD DETAIL

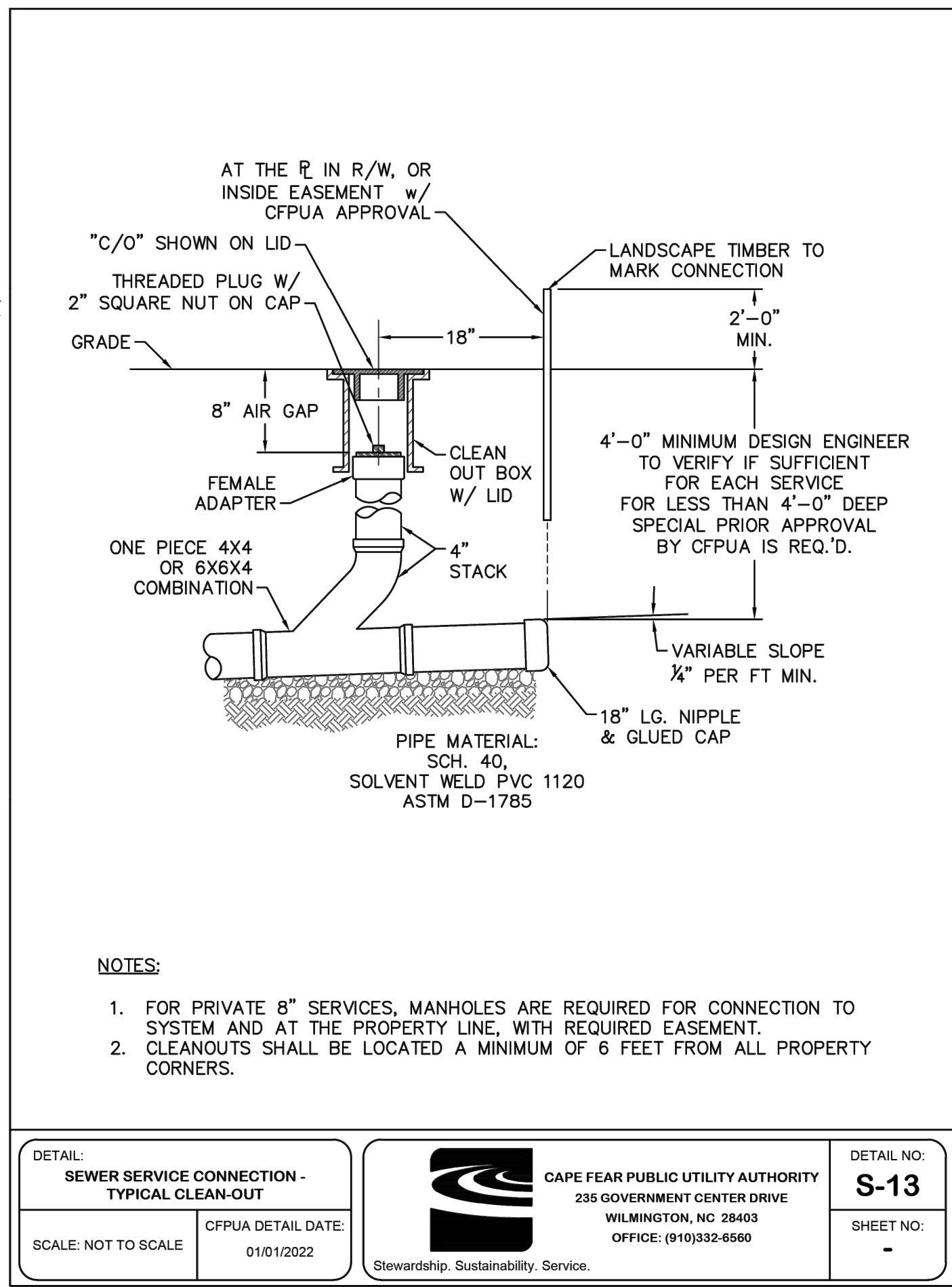
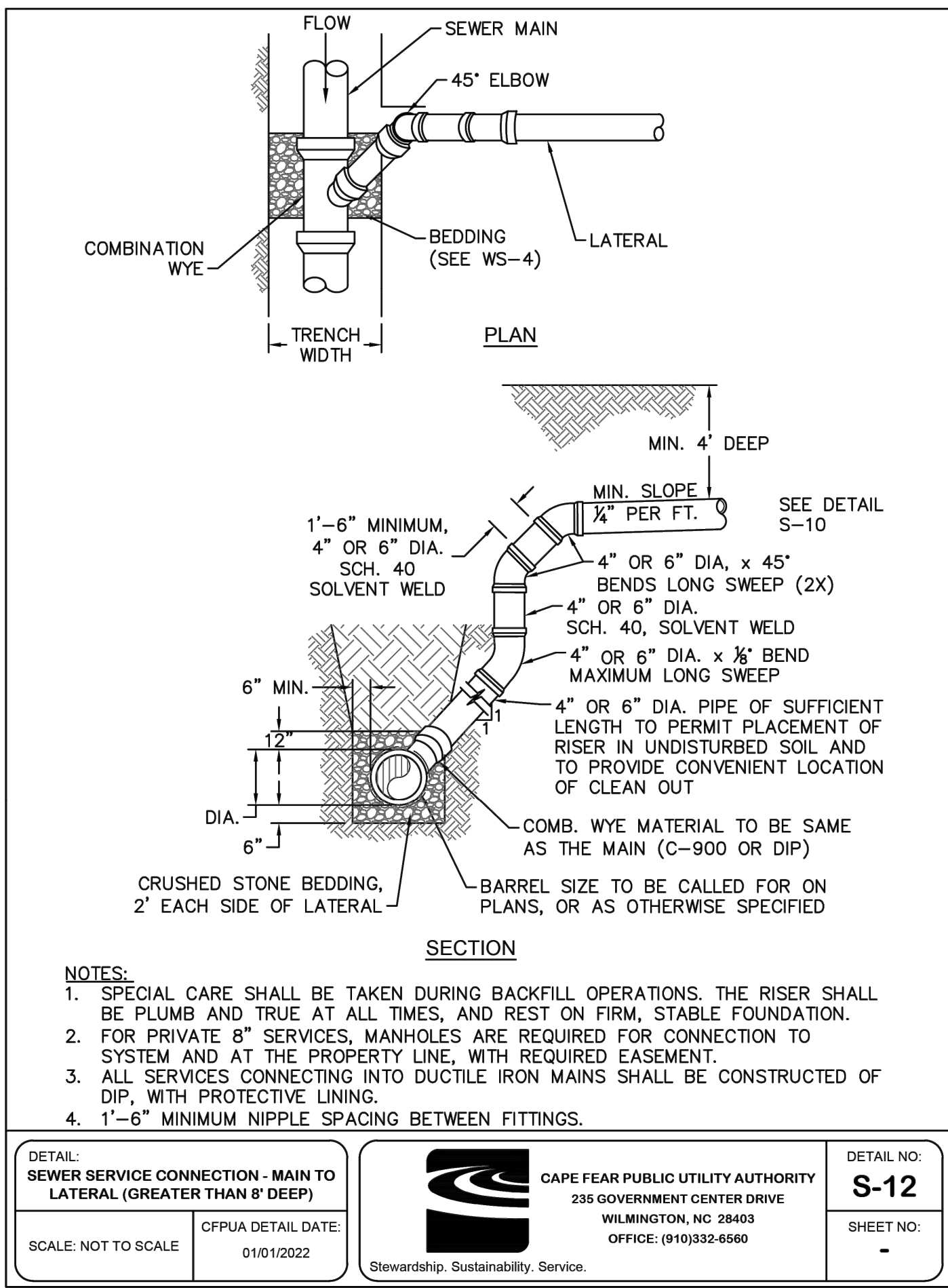
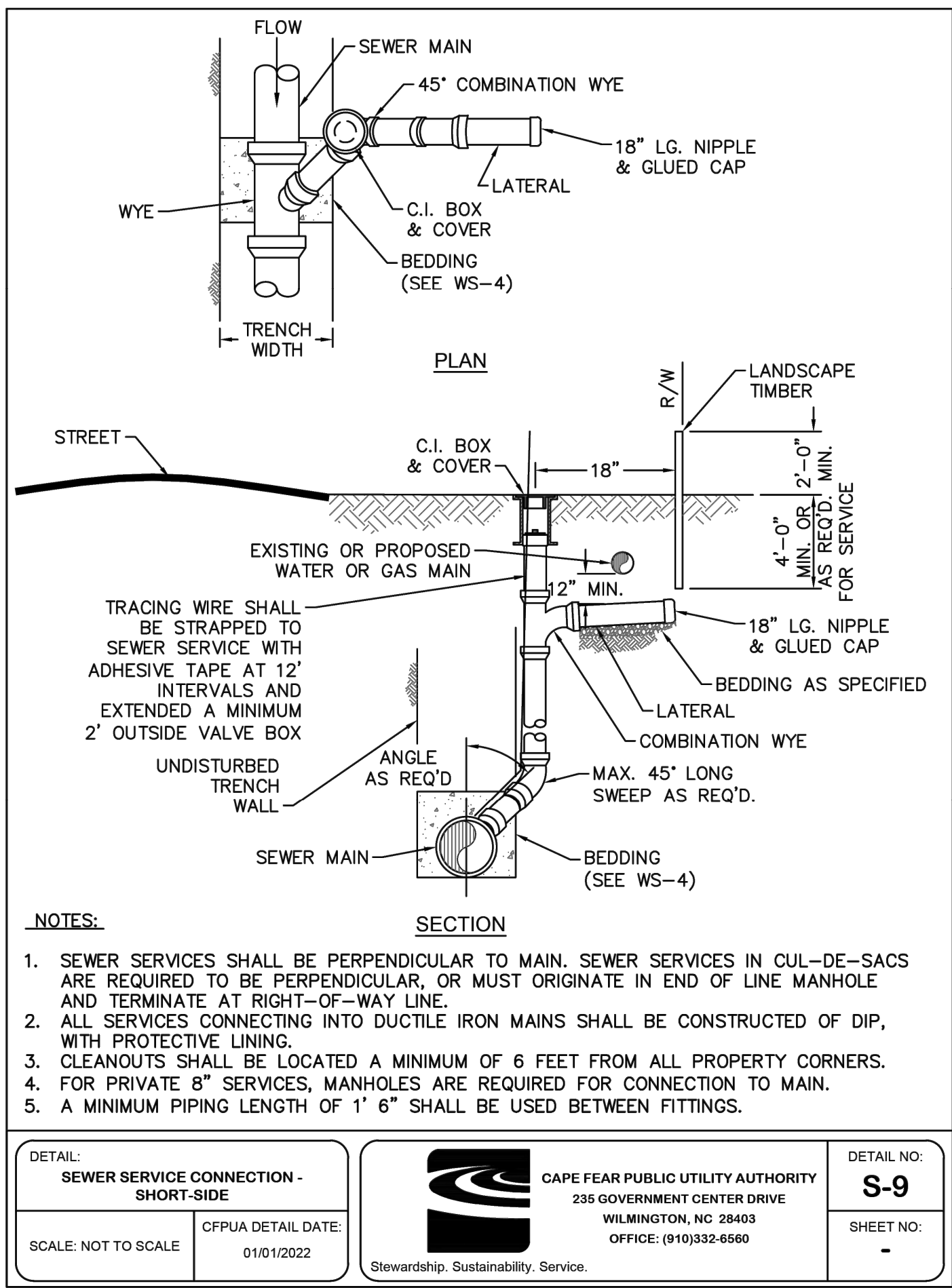
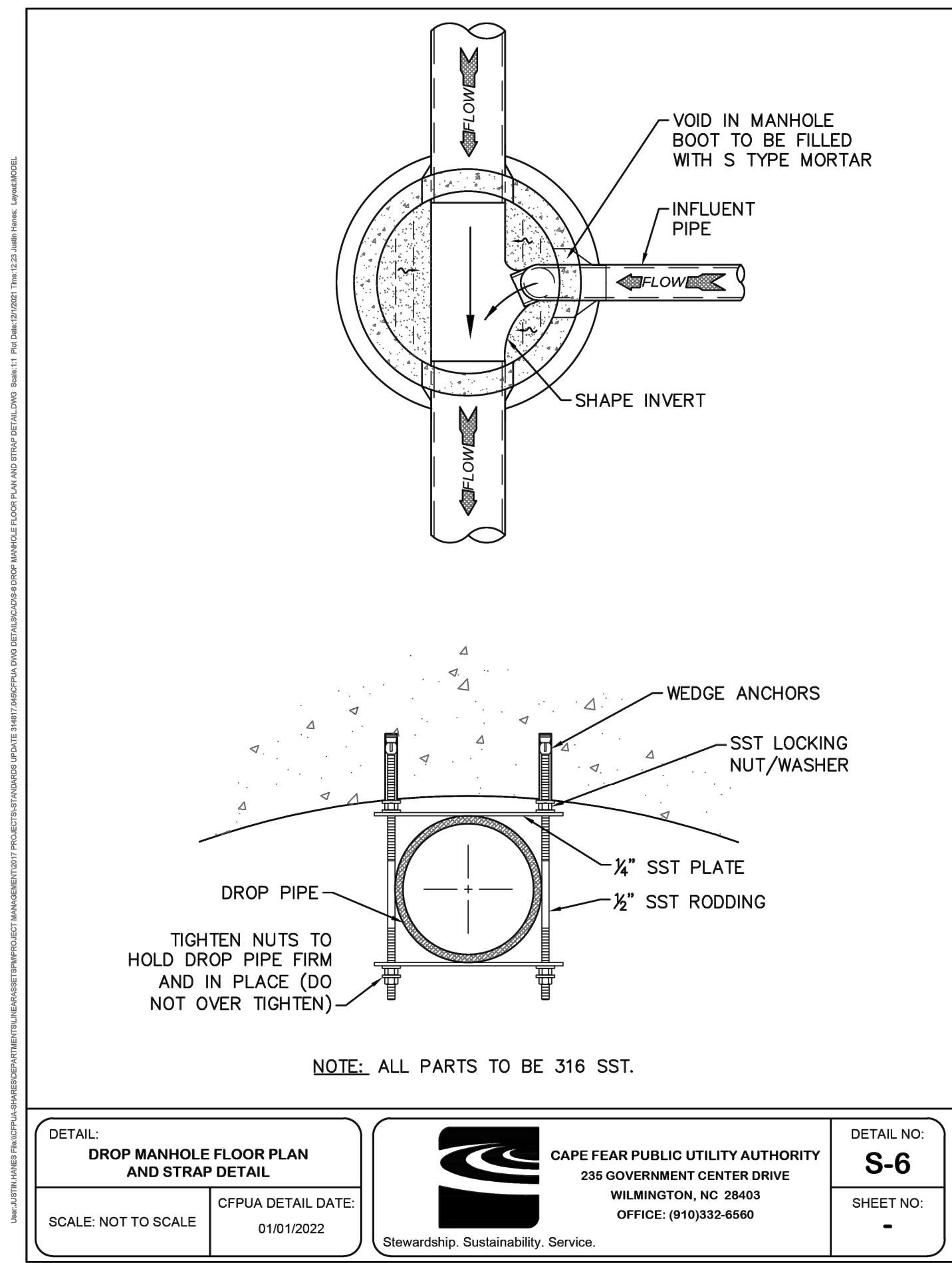
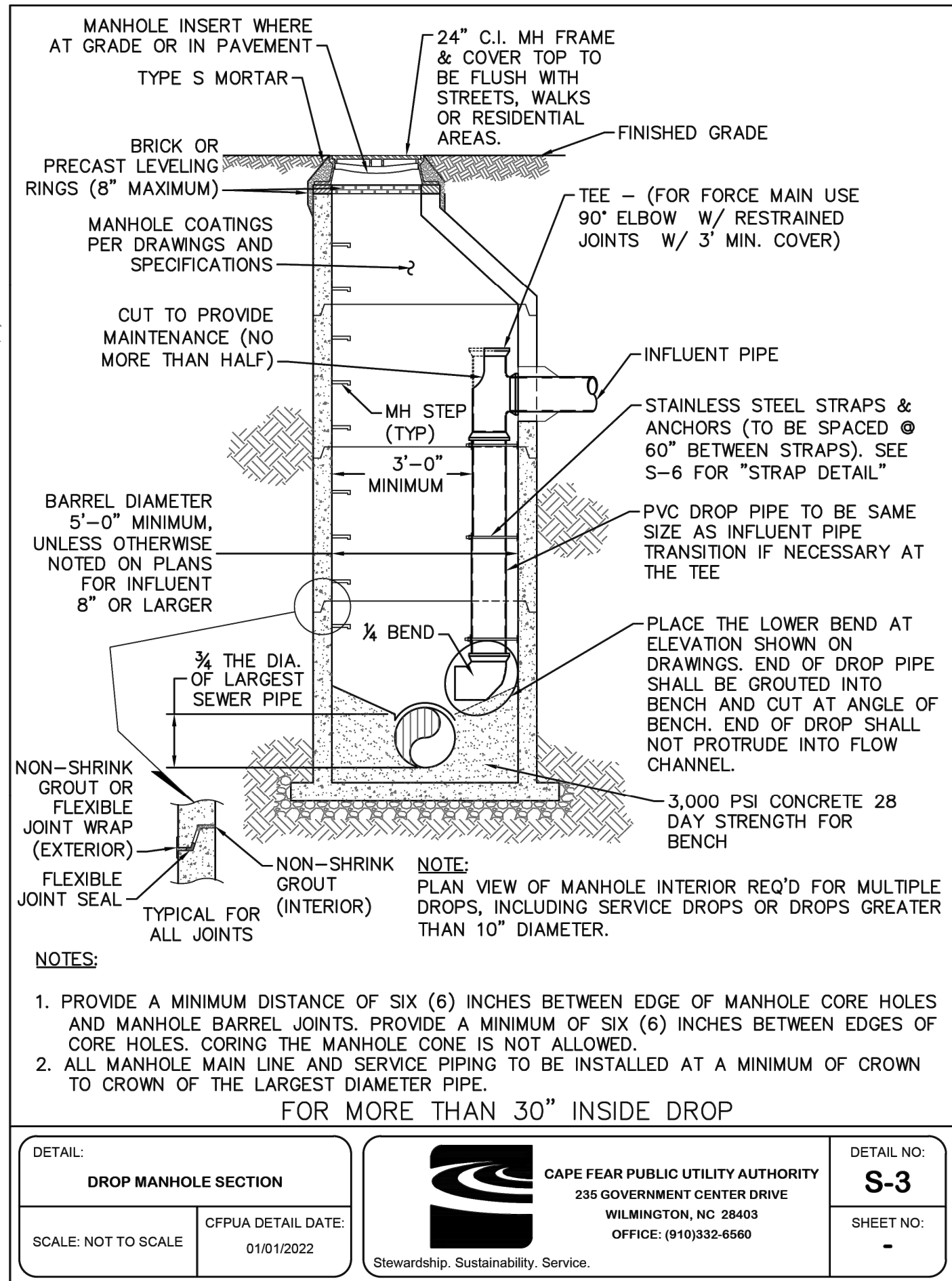
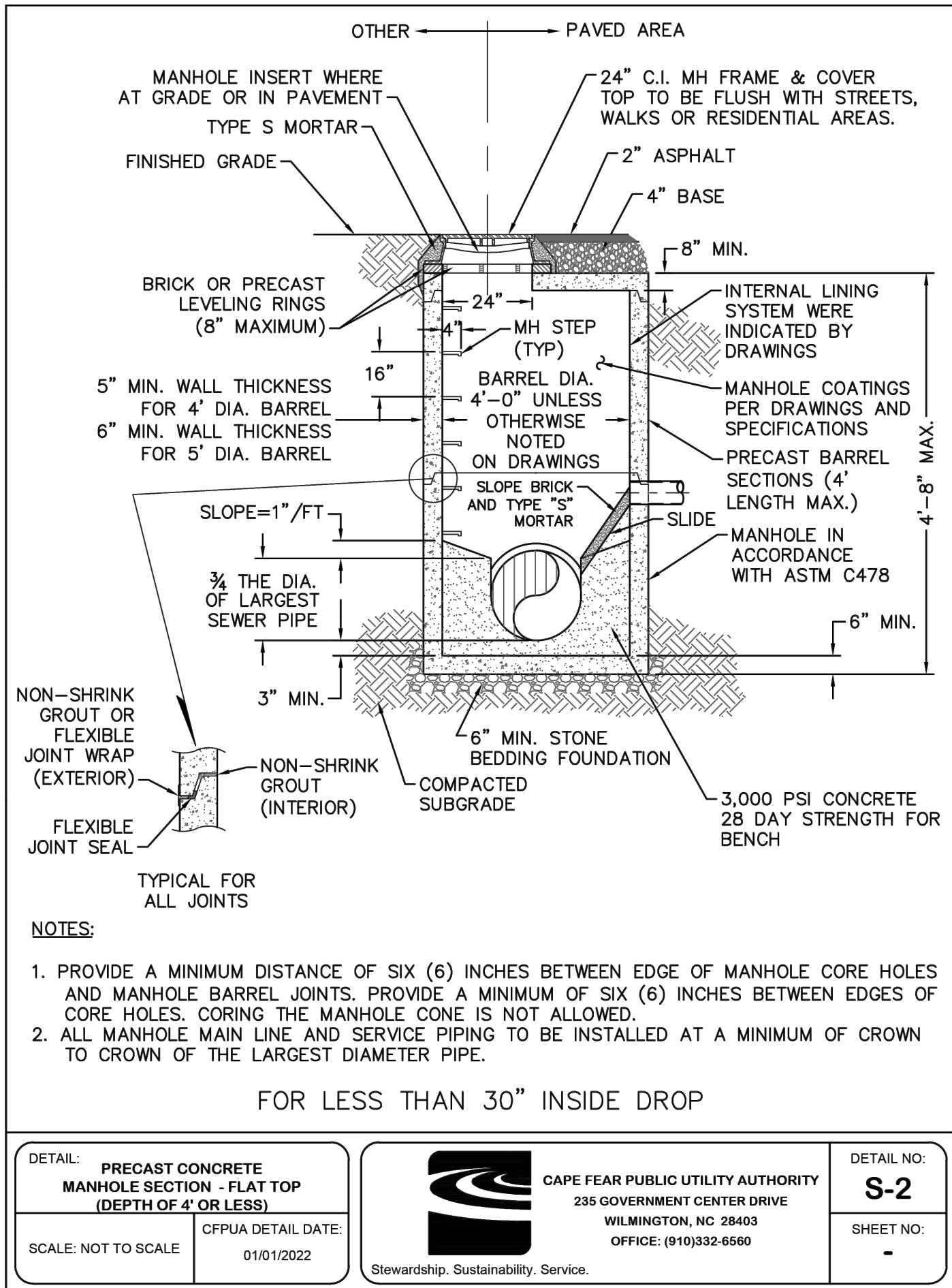
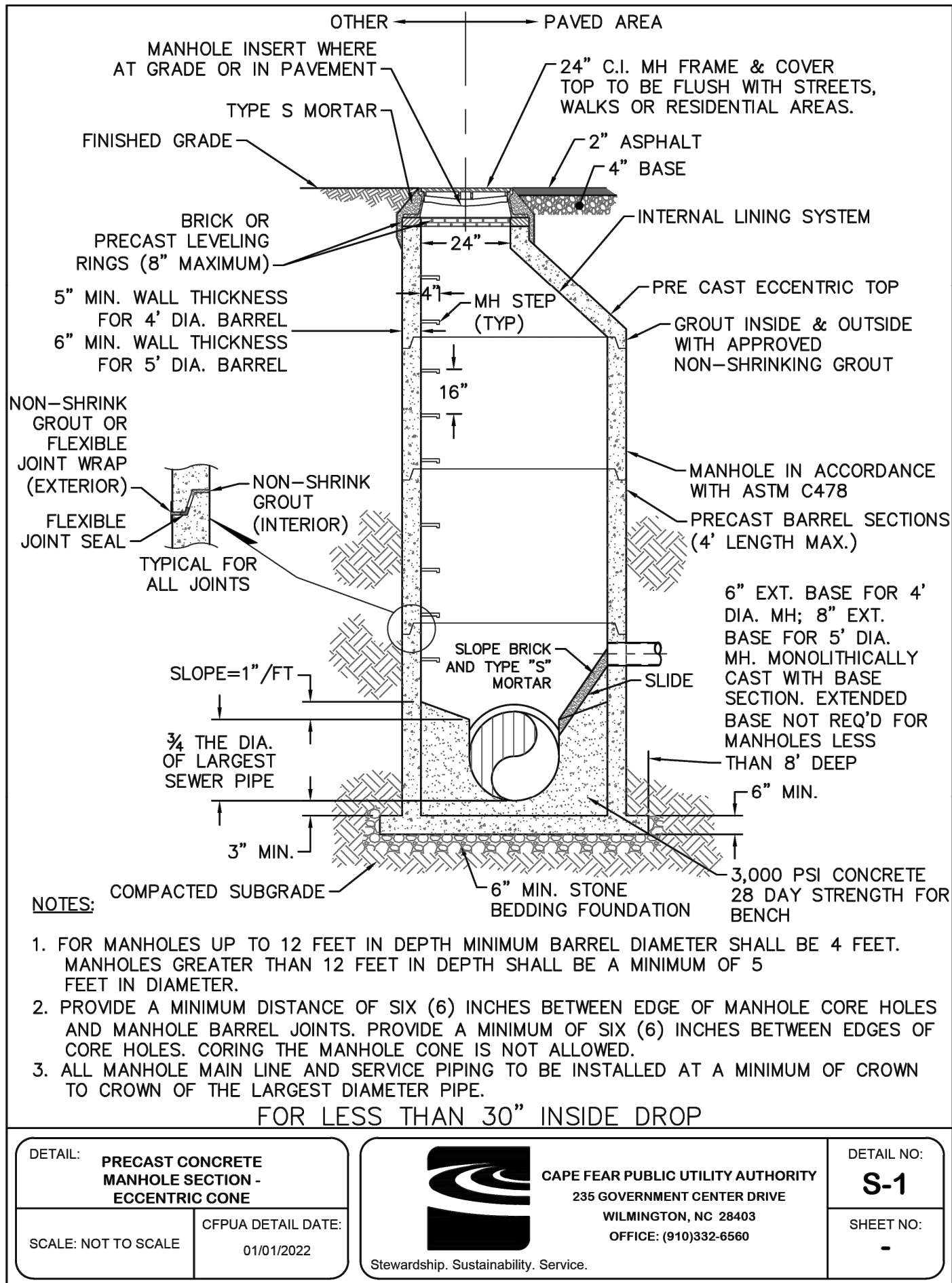
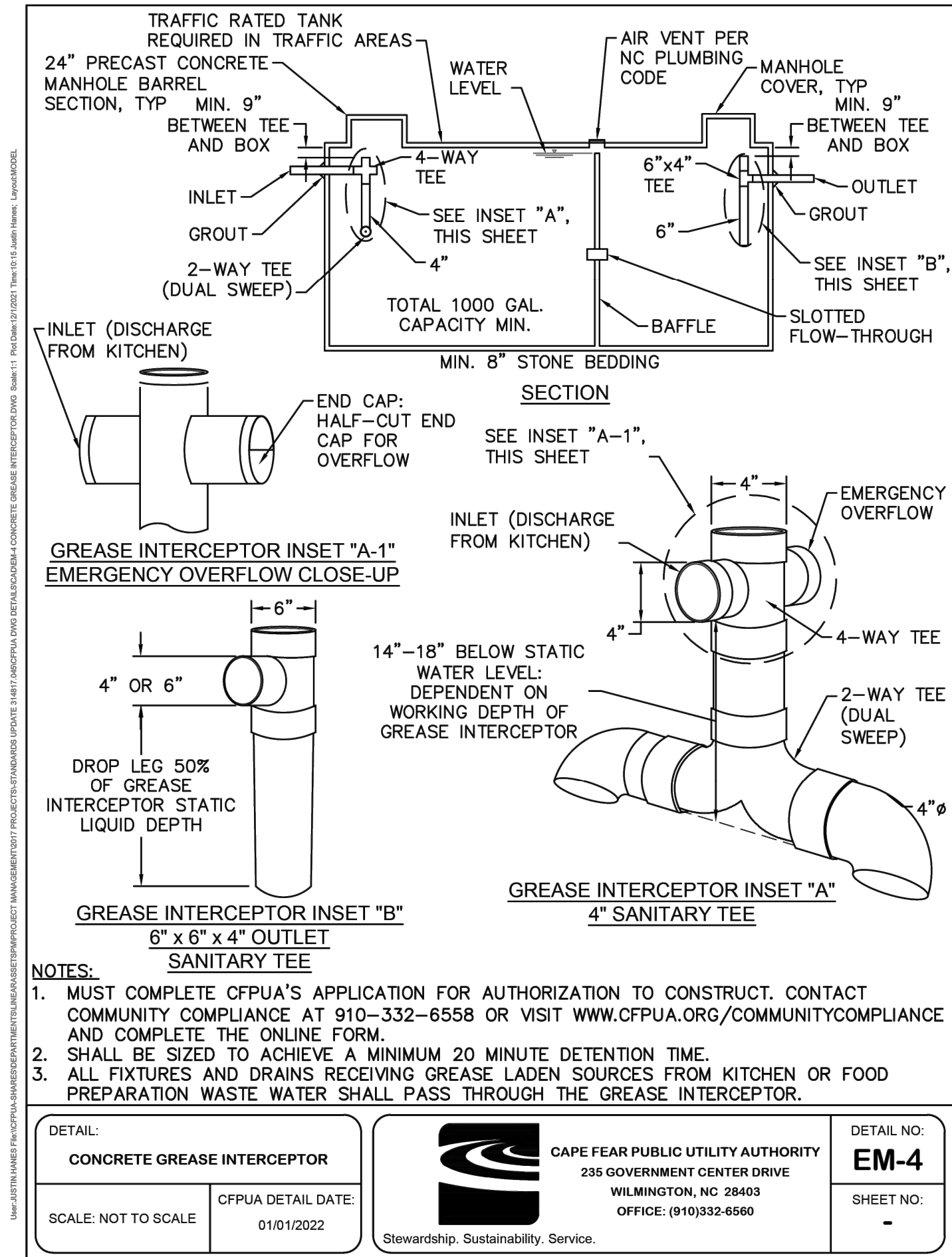


CITY DETAIL



CITY DETAIL

Drawing name: C:\Users\kyle.a.sharpe\OneDrive\Engineering\Dropbox\Shared Folders\LeCraw Engineering\363006 - Scooters - Wilmington, NC\CADD\COM\TR363006 - 10 - DETAILS.dwg CONSTRUCTION DETAILS - 3 Feb 09, 2023 5:19pm by kyle.sharpe



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REVISIONS:

NO.	DATE	BY	CHKD	REVISION
1	12/08/22	TKS		TRC COMMENTS
2	12/08/22	MAT		CFPUA COMMENTS

CLIENT

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SCALE & NORTH ARROW:

NORTH ARROW
DETAILS ARE NOT
DRAWN TO SCALE

DESIGN INFO:

DRAWN BY: MAT

DESIGNED BY: MAT

REVIEWED BY: TKS

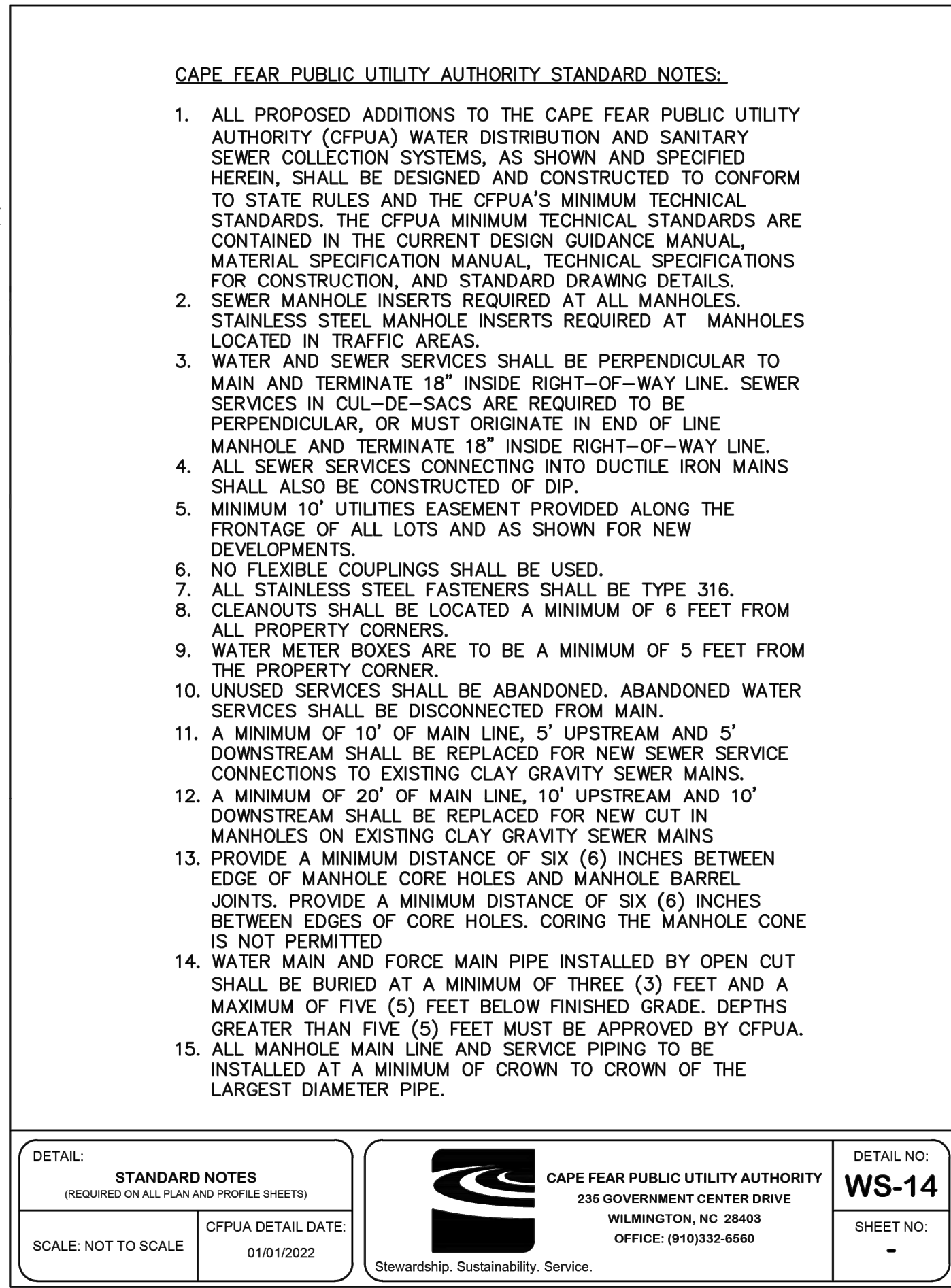
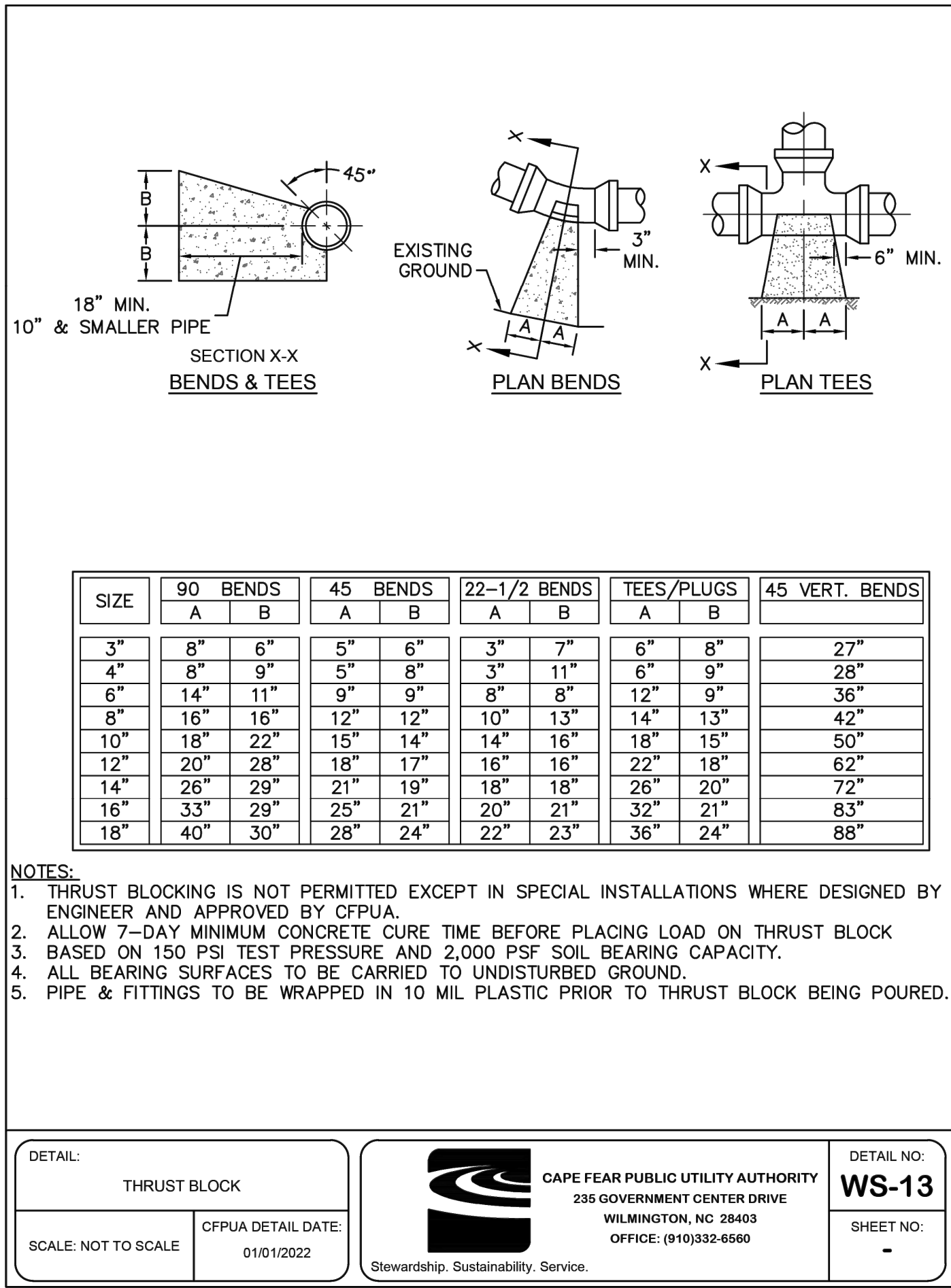
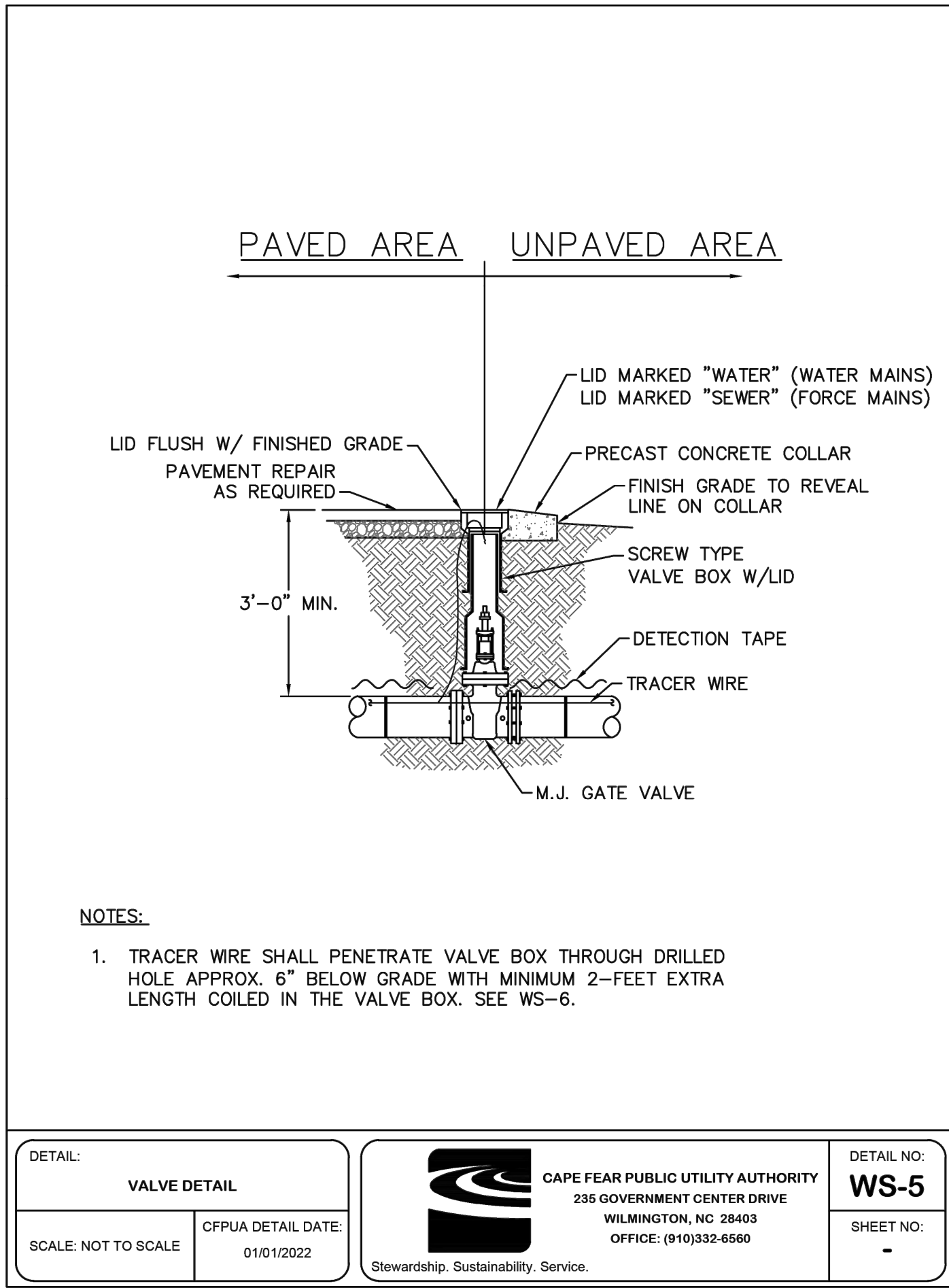
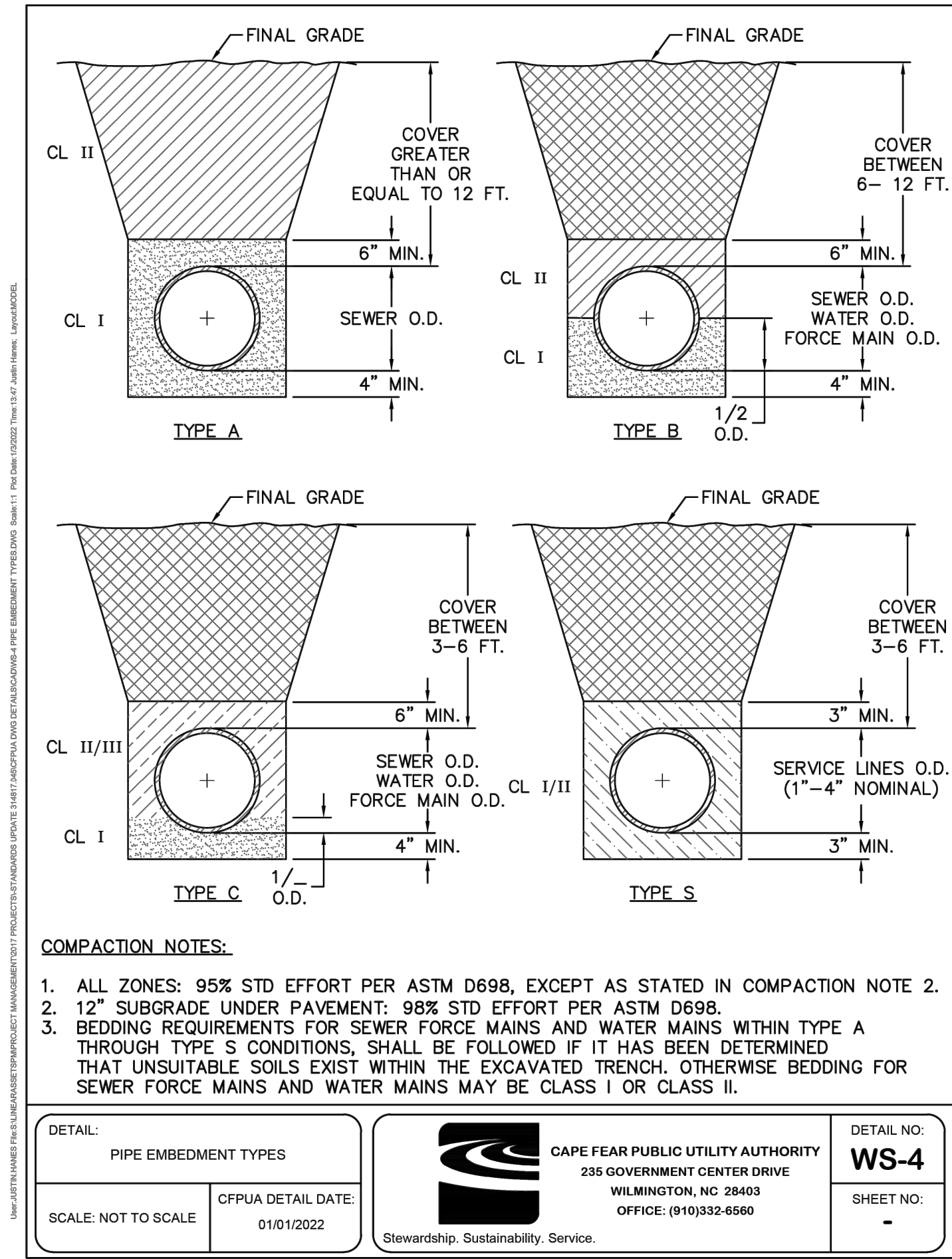
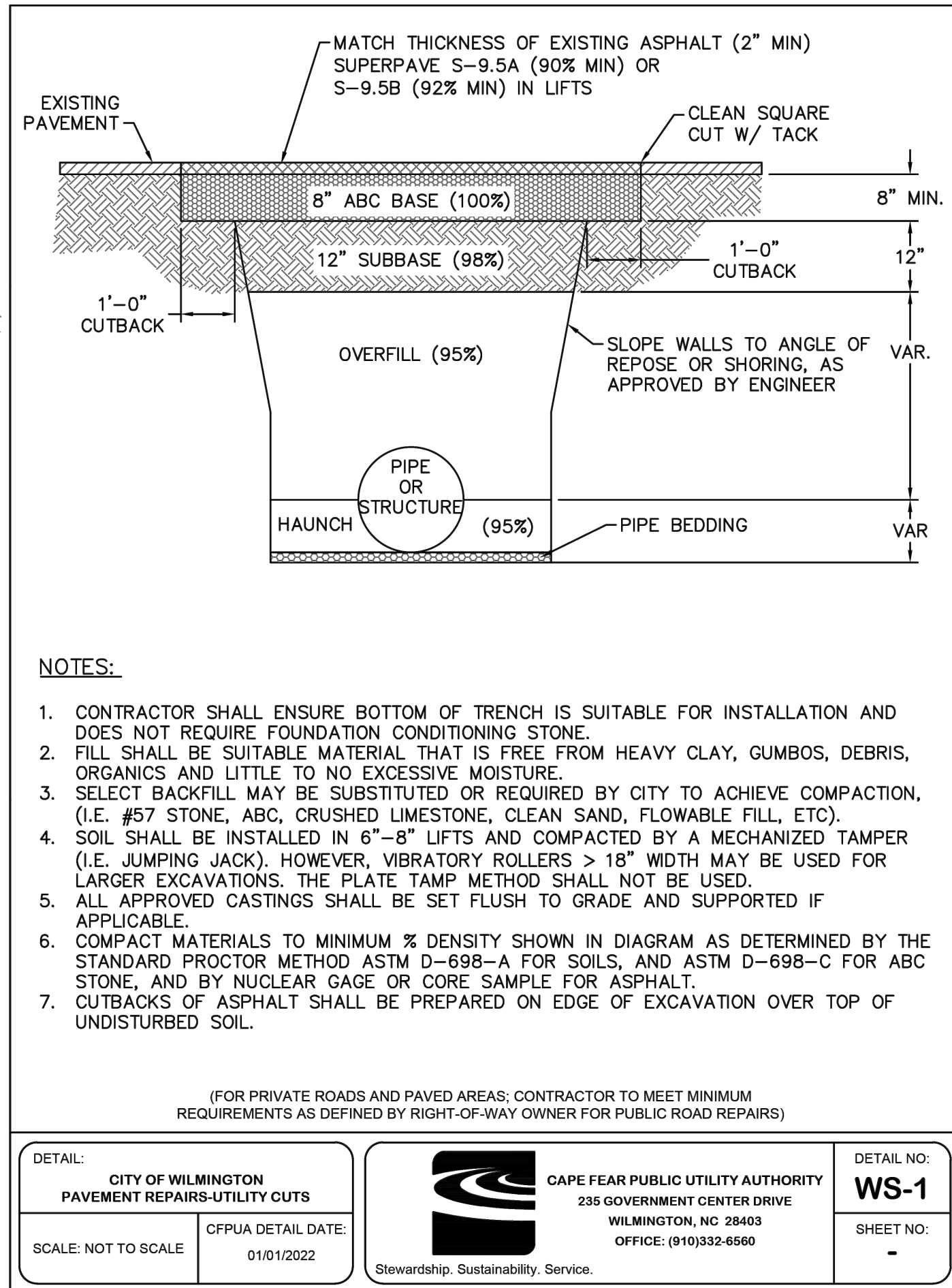
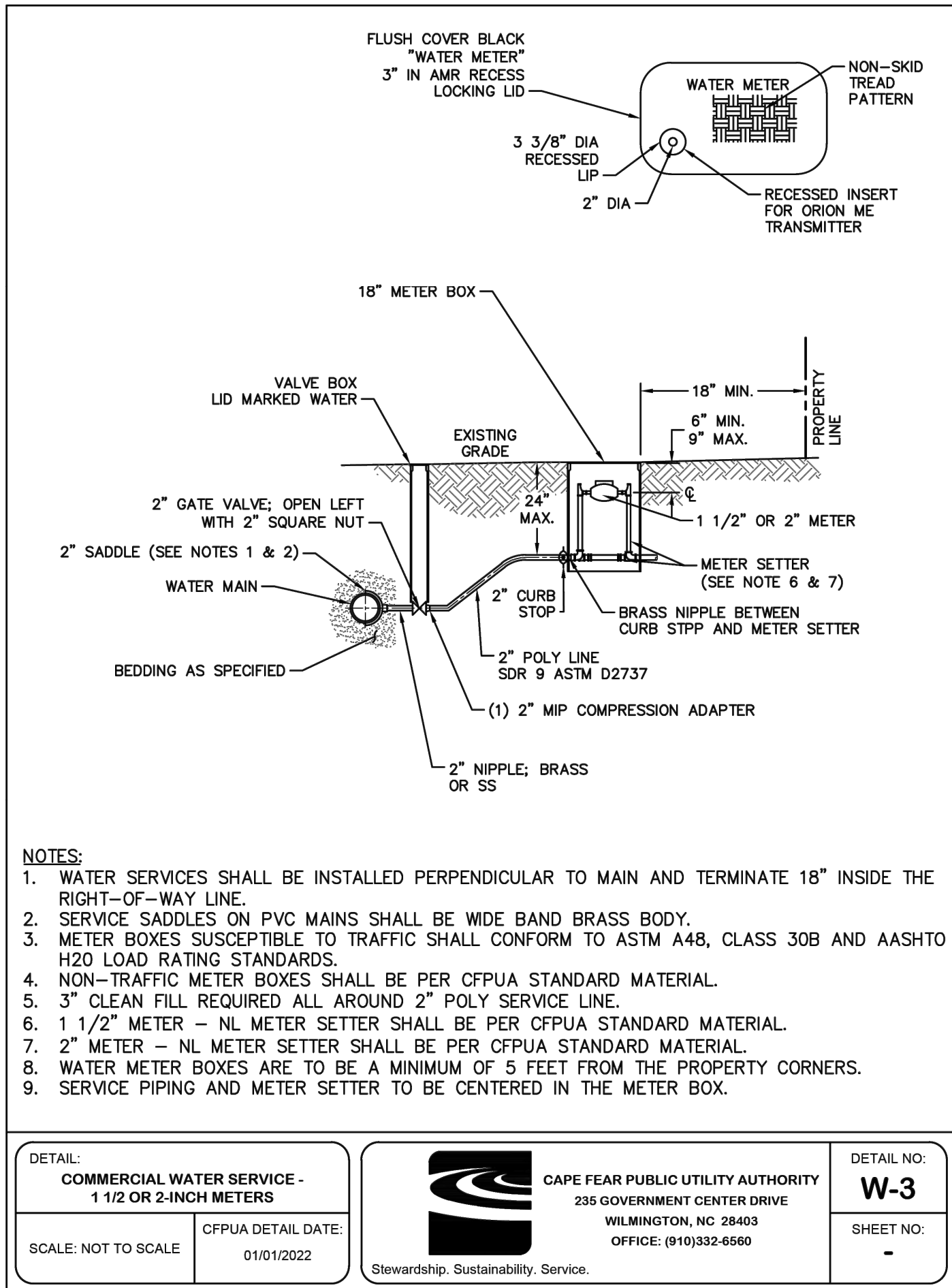
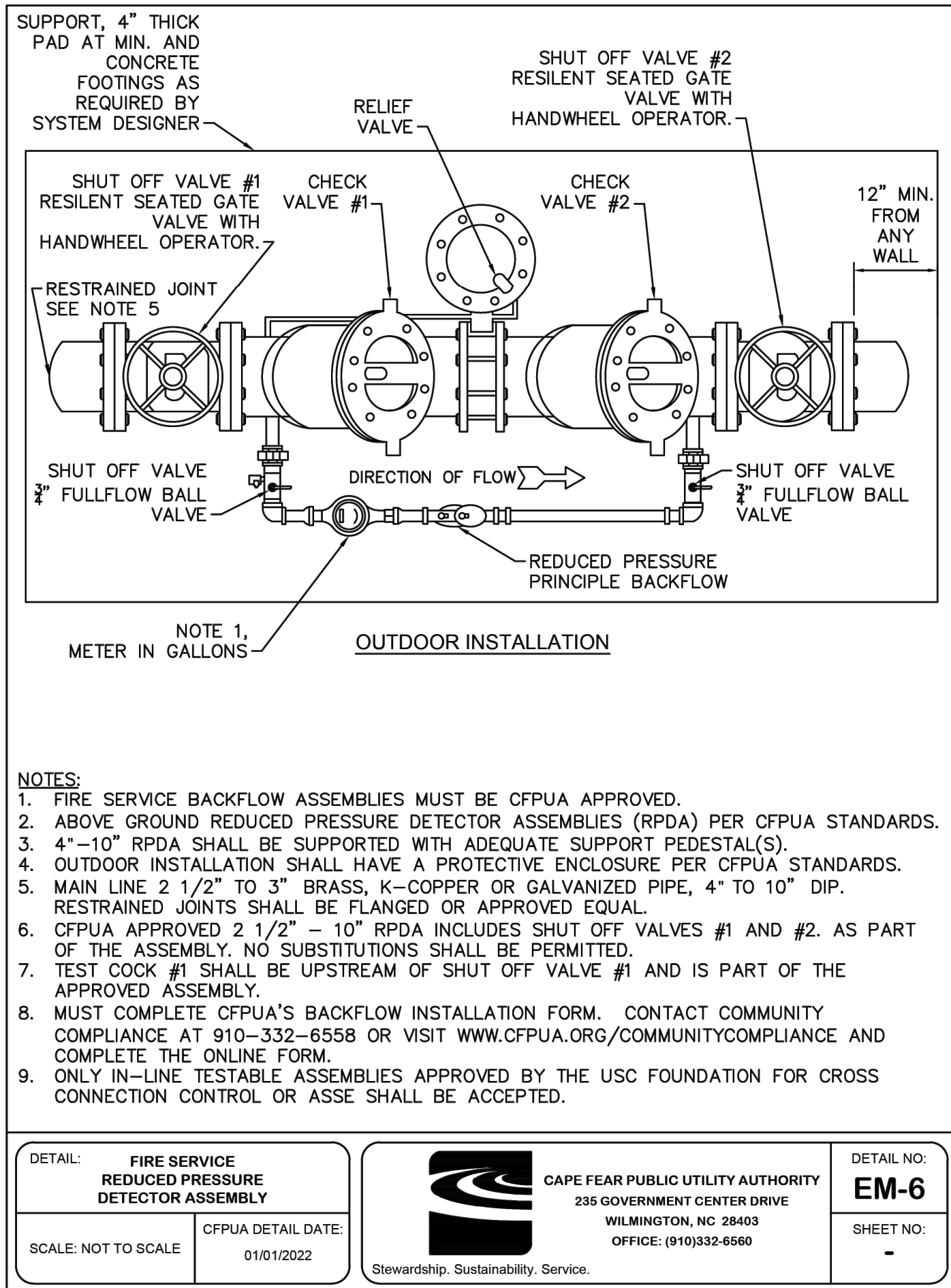
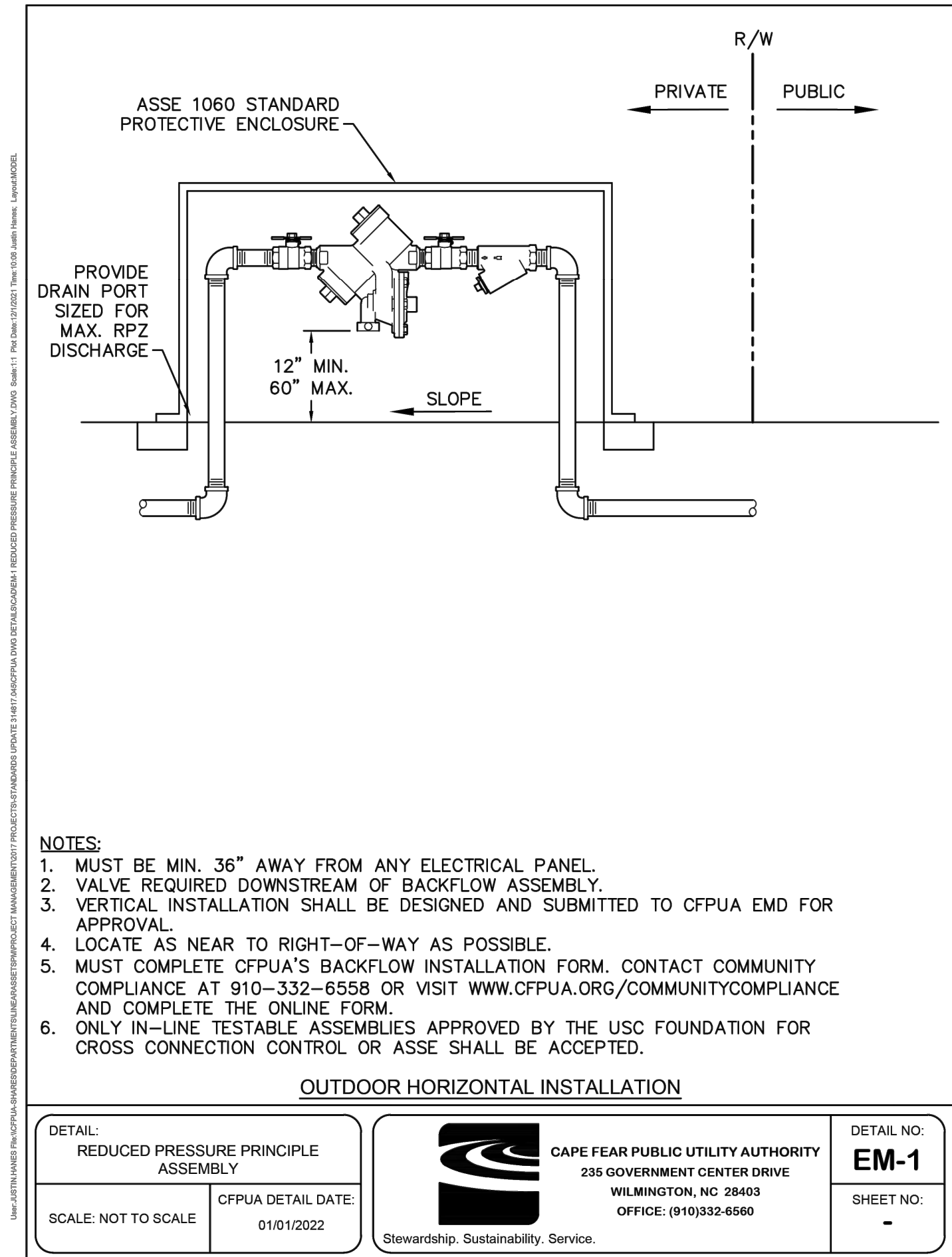
JOB #: 363006

DATE: --

CONSTRUCTION DETAILS - 3

C-7.2

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REVISIONS:

NO.	DATE	BY	CHKD	REVISION
1	12/08/22	TKS	TKS	CFPUA COMMENTS
2	02/02/23	MAT	TKS	TRC COMMENTS

CLIENT
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8993 UNITY CHURCH ROAD - DENVER, NC 28037

PROJECT
SCOOTERS - WILMINGTON (MARKET ST.)
6851 MARKET STREET
PARCEL R04300-004-018-000
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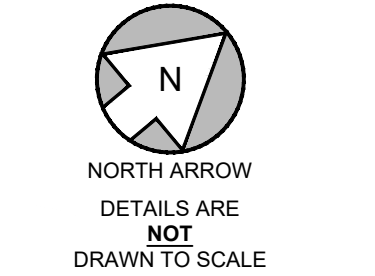
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SCALE & NORTH ARROW:



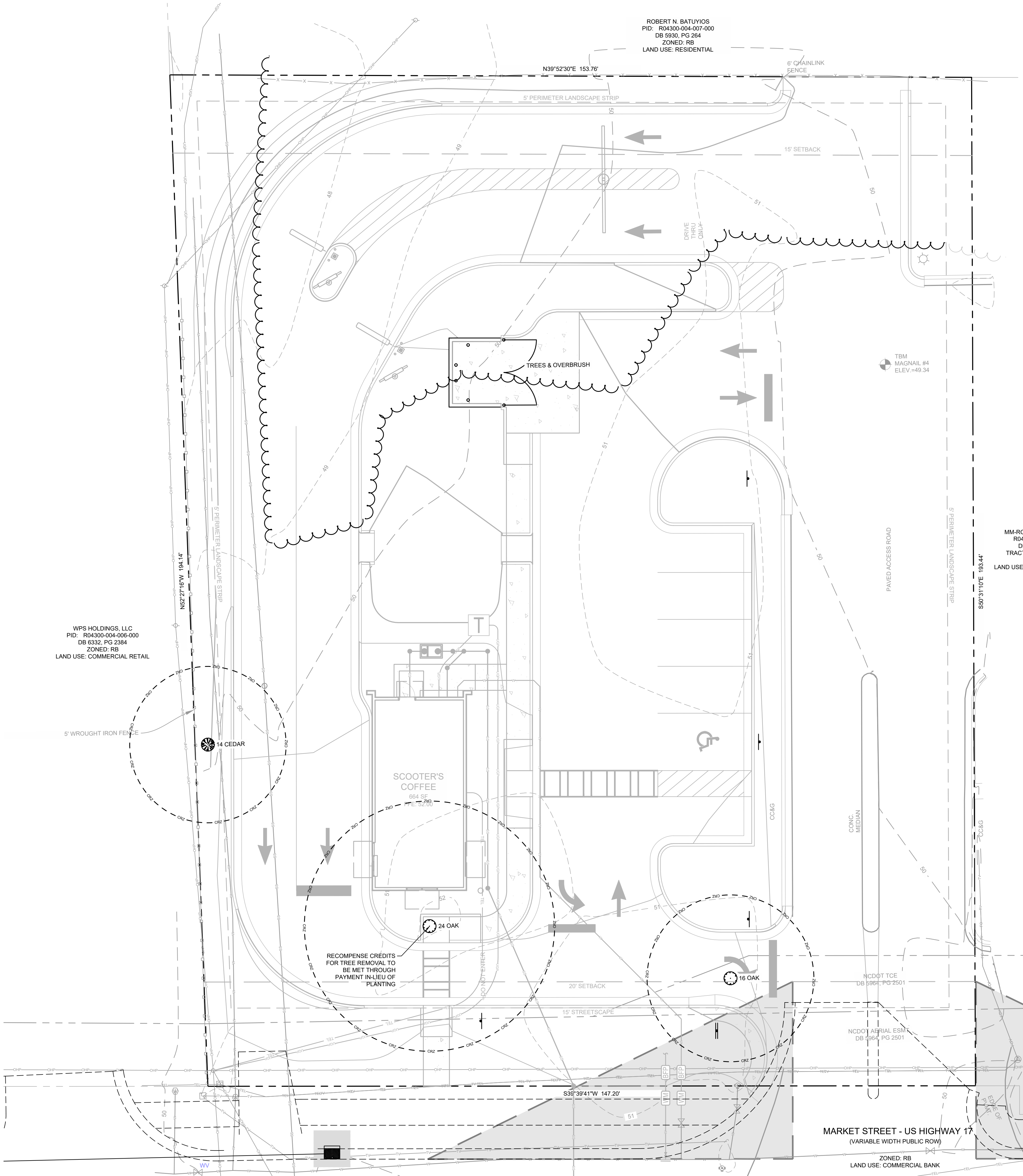
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DESIGNED BY: MAT
REVIEWED BY: TKS
JOB #: 363006
DATE: --

CONSTRUCTION DETAILS - 4

C-7.3

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ROBERT N. BATUVIOS
PID: R04300-004-007-000
DB 6330, PG 264
ZONED: RB
LAND USE: RESIDENTIAL

MM-RC PROPERTIES, LLC
R04300-004-010-000
DB 6339, PG 310
TRACT "A" MB 45, PG 170
ZONED: RB
LAND USE: COMMERCIAL RETAIL

CITY NOTE

PRIOR TO ANY CLEARING, GRADING, OR CONSTRUCTION ACTIVITY, TREE PROTECTION FENCING SHALL BE INSTALLED AROUND PROTECTED TREES OR GROVES OF TREES AND THAT NO CONSTRUCTION WORKERS, TOOLS, MATERIALS, OR VEHICLES SHALL BE PERMITTED WITHIN THE TREE PROTECTION FENCING SHALL BE INCLUDED.

TREE MITIGATION CALCULATIONS

SIZE	SPECIES	CLASSIFICATION	MITIGATION REQ.
24"	TURKEY OAK	SIGNIFICANT	48
TOTAL MITIGATION INCHES REQUIRED =			48
MITIGATION CREDITS = \$175 / INCH REMOVED			
MITIGATION FEE TO CITY TREE FUND =			\$8,400.00

ORDINANCE REQUIREMENTS

DENSITY REQUIREMENTS:	0.67 ACRES
15" - 24" CALIPER TREES / ACRE =	10 TREES
REQUIRED IN ADDITION TO ALL OTHER SITE PLANTING REQUIREMENTS	
SHADING REQUIREMENTS:	
15% OF LOT IS REQUIRED TO BE SHADED	
29,150 S.F. x 15% =	4,373 S.F.
LARGE CANOPY TREE = 707 S.F.	
SMALL CANOPY TREE = 314 S.F.	
SHADE AREA PROVIDED =	11,389 S.F.
STREETSCAPE REQUIREMENTS:	
15' MIN. WIDTH - 40' MAX. WIDTH	
1 CANOPY TREE / 100 LINEAR FEET =	1 TREE
UNDERSTORY TREES TO BE SUBSTITUTED AT A RATE OF 2:1	
6 UNDERSTORY TREES / 100 LINEAR FEET =	6 TREES
6 SHRUBS / 100 LINEAR FEET =	7 SHRUBS
7 TREES & 102 SHRUBS PROVIDED	
PERIMETER REQUIREMENTS:	
1 TREE / 18-27 LINEAR FEET	
WESTERN PROPERTY LINE (194 LINEAR FEET) =	9 TREES
8 TREES PROVIDED	
NORTHERN PROPERTY LINE (130 LINEAR FEET) =	5 TREES
5 TREES PROVIDED	
PARKING LOT REQUIREMENTS:	

SITE SUMMARY

SITE AREA	
SITE AREA:	0.67 ACRES (29,150 S.F.)
IMPERVIOUS AREA:	21,128 S.F. (72.5%)
PERVIOUS AREA:	8,022 S.F. (27.5%)
ZONING CLASSIFICATION	
JURISDICTION:	CITY OF WILMINGTON
ZONING:	RB (REGIONAL BUSINESS)
ADJACENT ZONING:	RB (ALL SIDES)
CAMA CLASSIFICATION:	URBAN
PROPOSED USE:	COMMERCIAL RESTAURANT
BUILDING SETBACKS	
REQUIRED / PROPOSED	
FRONT:	20' REQ. / 37.5' PROP.
SIDE:	0' REQ. / 32.9' PROP. (W) 97.4' PROP. (E)
REAR:	15' REQ. / 118' PROP.
BUILDING SUMMARY	
BUILDING AREA:	664 S.F.
BUILDING COVERAGE:	2.3%
BUILDING HEIGHT:	19'-0"
CONSTRUCTION TYPE:	V-B
PARKING SUMMARY	
PARKING REQ.:	1 SPACE / 65 S.F. (MAX.)
	10 SPACES (1 ADA SPACE)
PARKING PROV.:	6 SPACES
MIN. STALL DIMENSIONS:	8.5' x 18'
MIN. DRIVE WIDTH:	24'

EXISTING TREE REPORT



2725 Old Wrightsboro Rd, Unit 5C
Wilmington, NC 28405
JoshuaTreeILM@gmail.com
910-444-1907

10/11/2022

To whom it may concern,

I was recently contacted by Scoot Holdings, LLC. I was asked to identify any and all protected trees on the site of the proposed construction project at 6851 Market St, Wilmington, NC 28405. On 10/11/2022 I visited the site. Upon my inspection, I found the following three trees of note:

Tree #1: turkey oak (Quercus laevis) 24" Diameter at Breast Height (DBH).
Front left corner of property.



This tree meets the minimum size requirements for a Significant Tree in Wilmington, NC. (Hardwood tree 18" DBH or greater. See Wilmington, NC Land Development Code, Article 5 - Site Development Requirements, Section 18-316: Tree preservation, B: Protected trees.)

Tree #2: post oak (Quercus stellata) 16" DBH.
Front right corner of property.



This tree meets the minimum size requirements for a Regulated Tree in Wilmington, NC. (Hardwood trees 8" DBH or greater.)

Tree #3: eastern red cedar (Juniperus virginiana) 14" DBH.
Left side of property.



This tree meets the minimum size requirements for a Regulated Tree in Wilmington, NC. (Non-pine conifer trees 8" DBH or greater.)

I found no other trees on this property that meet the minimum requirements for Wilmington, NC protected trees.

Kind regards,
Joshua Shields
ISA Certified Arborist #FL 6750A
ISA Tree Risk Assessment Qualification

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REVISIONS:

REV #	DATE	CHECKED BY	DRAWN BY	TRC COMMENTS	MAT	TKS
2	12/02/23			TRC COMMENTS		
1	12/02/23			CFLA COMMENTS		

CLIENT
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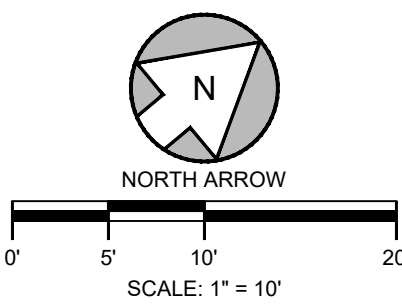


2/9/2023

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SCALE & NORTH ARROW:



DESIGN INFO:

DRAWN BY:	MAT
DESIGNED BY:	MAT
REVIEWED BY:	TKS
JOB #:	363006
DATE:	---

EXISTING TREE PLAN

L-1.0

