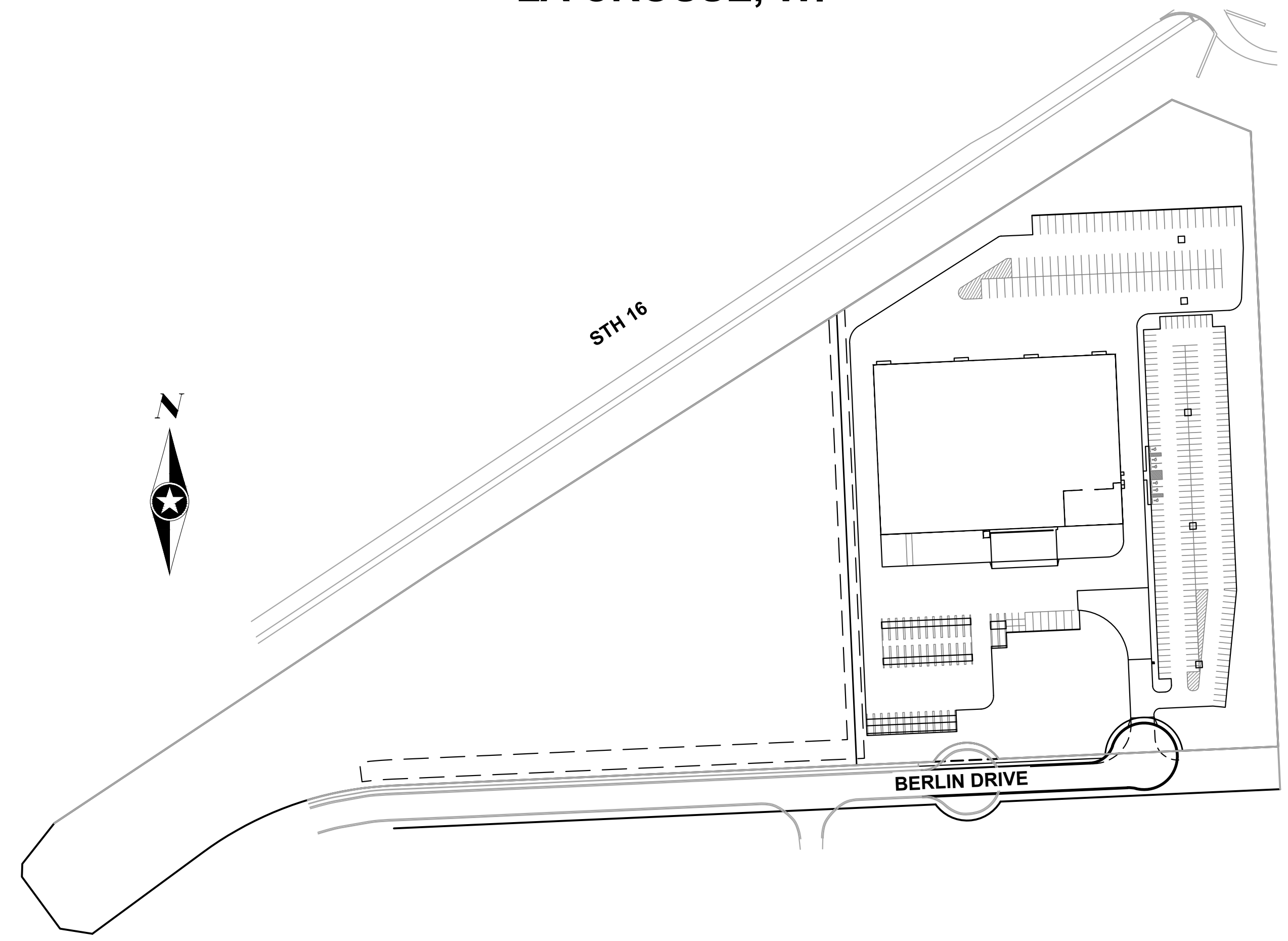


CONSTRUCTION PLANS FOR FED EX - LA CROSSE DISTRIBUTION CENTER LA CROSSE, WI

- EXISTING**
- RIGHT OF WAY
 - PERMANENT EASEMENT
 - PROPERTY LINE
 - △^{XX} HORIZONTAL CONTROL POINT
 - ⊕ BENCHMARK
 - # SURVEY MARKER
 - ⊕ SOIL BORING
 - SANITARY SEWER AND MANHOLE
 - FM LIFT FORCE MAIN AND LIFT STATION
 - CO SANITARY SEWER SERVICE & CLEANOUT
 - WATER MAIN, HYDRANT, VALVE AND MANHOLE
 - WATER SERVICE AND CURB STOP BOX
 - << STORM SEWER, MANHOLE AND CATCH BASIN
 - > CULVERT AND APRON ENDWALL
 - G GAS MAIN, VALVE, VENT AND METER
 - HH HANDHOLE
 - FO BURIED FIBER OPTIC CABLE AND MANHOLE
 - T-BUR BURIED PHONE CABLE, PEDESTAL AND MANHOLE
 - TV-BUR BURIED TV CABLE, PEDESTAL AND MANHOLE
 - P-BUR BURIED ELECTRIC CABLE, PEDESTAL, MANHOLE, TRANSFORMER AND METER
 - P-OH OVERHEAD WIRE, POLE AND GUY WIRE
 - ⊕ LIGHT POLE
 - ⊕ TRAFFIC SIGNAL
 - ⊕ STREET NAME SIGN
 - ⊕ SIGN (NON STREET NAME)
 - ||||| RAILROAD TRACKS
 - ⊕ 6" DECIDUOUS AND CONIFEROUS TREE
 - ⊕ BUSH / SHRUB AND STUMP
 - ~~~~~ EDGE OF WOODED AREA
 - WET WETLAND
 - ▭ BUILDING
 - X FENCE (UNIDENTIFIED)
 - X BARBED WIRE FENCE
 - XC CHAIN LINK FENCE
 - XE ELECTRIC WIRE FENCE
 - XWD WOOD FENCE
 - XWW WOVEN WIRE FENCE
 - PLATE BEAM GUARDRAIL
 - CABLE GUARDRAIL
 - POST / BOLLARD
 - RETAINING WALL

- PROPOSED**
- 6+00 STREET CENTERLINE
 - RIGHT-OF-WAY
 - PERMANENT EASEMENT
 - TEMPORARY EASEMENT
 - CONSTRUCTION LIMITS
 - S SANITARY SEWER, BULKHEAD AND MANHOLE
 - FM FORCE MAIN
 - CO SANITARY SERVICE AND CLEANOUT
 - W WATER MAIN, TEE, HYDRANT, BULKHEAD AND VALVE
 - WATER VALVE MANHOLE, REDUCER, BEND AND CROSS
 - WATER SERVICE AND CURB STOP BOX
 - S STORM SEWER, MANHOLE AND CATCH BASIN
 - CULVERT AND APRON ENDWALL
 - DRAIN TILE
 - DITCH / SWALE
 - RIPRAP
 - ⊕ STREET NAME SIGN
 - ⊕ SIGN (NON STREET NAME)
 - RETAINING WALL



NOTE:
THE SUBSURFACE UTILITY QUALITY INFORMATION IN THIS PLAN IS LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02 ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."

THE CONTRACTOR SHALL CALL DIGGERS HOTLINE SYSTEM AT 811 BEFORE COMMENCING EXCAVATION.

811
Know what's below.
Call before you dig.

INDEX

COVER & DETAILS

- T 0.01 COVER
- C 1.00 EROSION CONTROL DETAILS
- C 1.10 CONSTRUCTION DETAILS

SITE EROSION CONTROL & GRADING PLANS

- C 2.00 SITE PLAN
- C 2.10 EROSION CONTROL PLAN
- C 2.20 GRADING PLAN

BERLIN DRIVE & STORM SEWER PLANS

- C 3.00 STORM SEWER SYSTEM - UNDER DRAIN SYSTEM MAP
- C 3.10 BERLIN DRIVE PLAN & PROFILE - STA 14+00 TO STA 20+00
- C 3.20 STORM SEWER PLAN & PROFILE - STA 30+00 TO STA 37+00
- C 3.30 STORM SEWER PLAN & PROFILE - STA 36+50 TO STA 44+00

02/14/2020

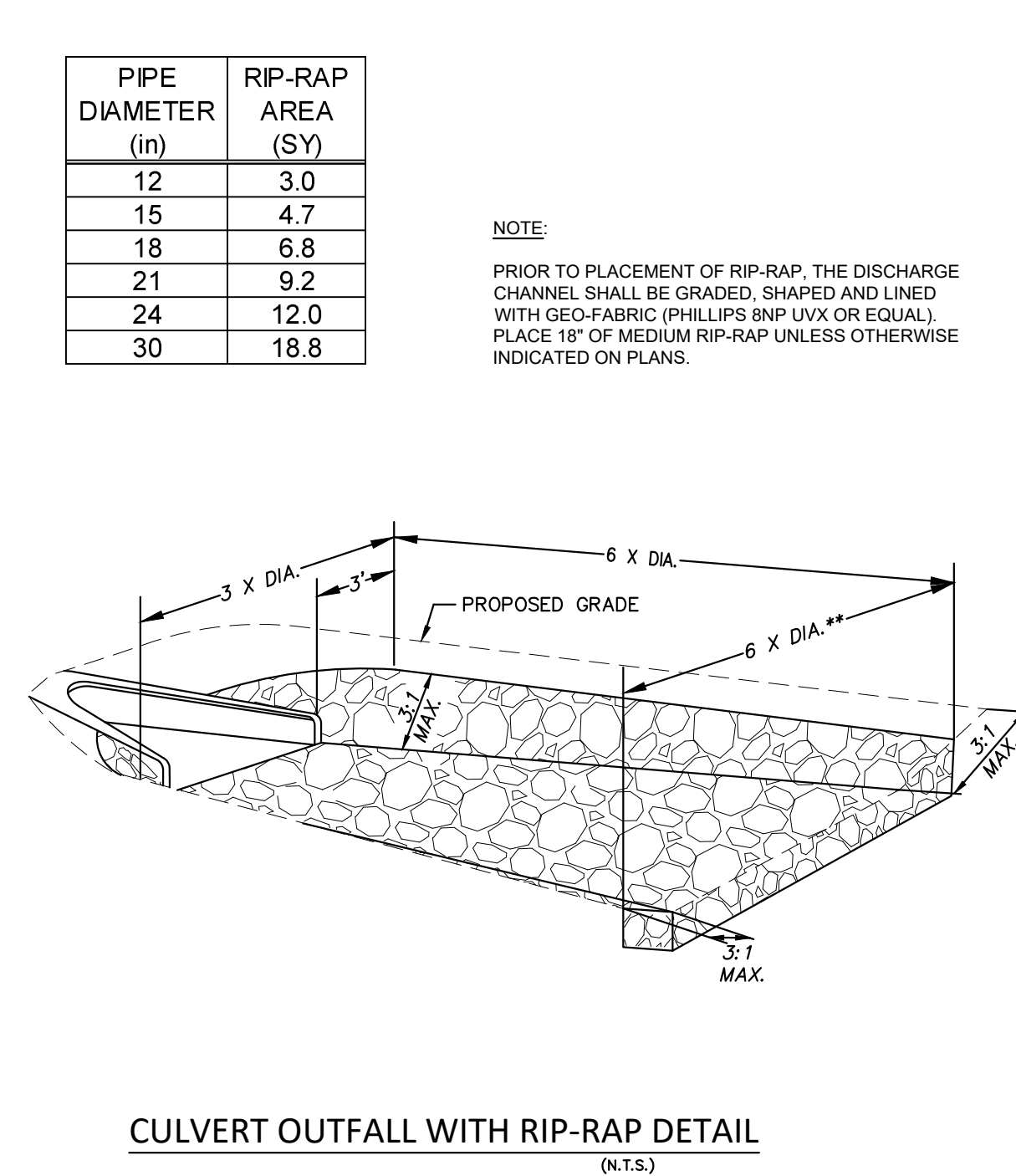
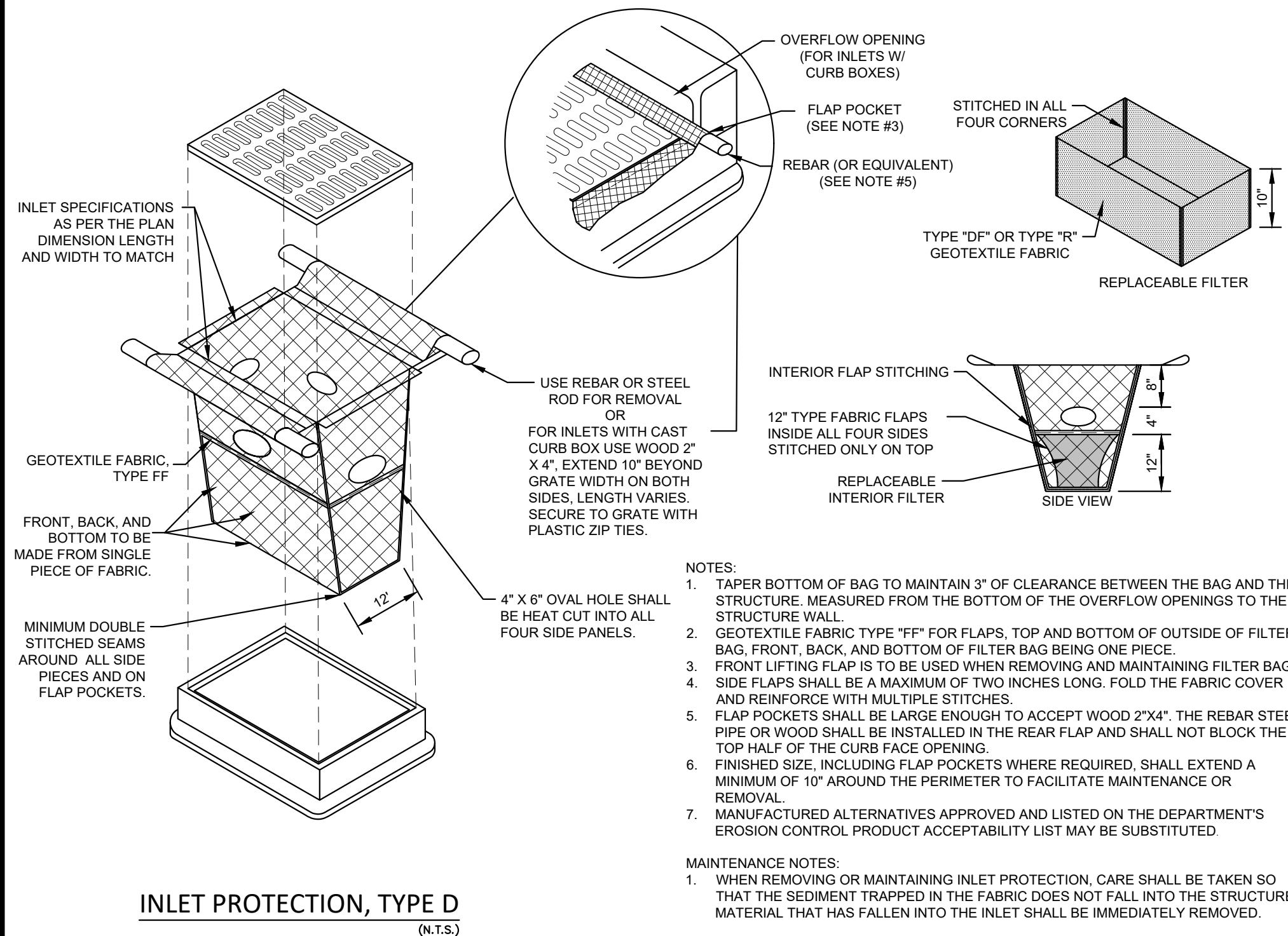
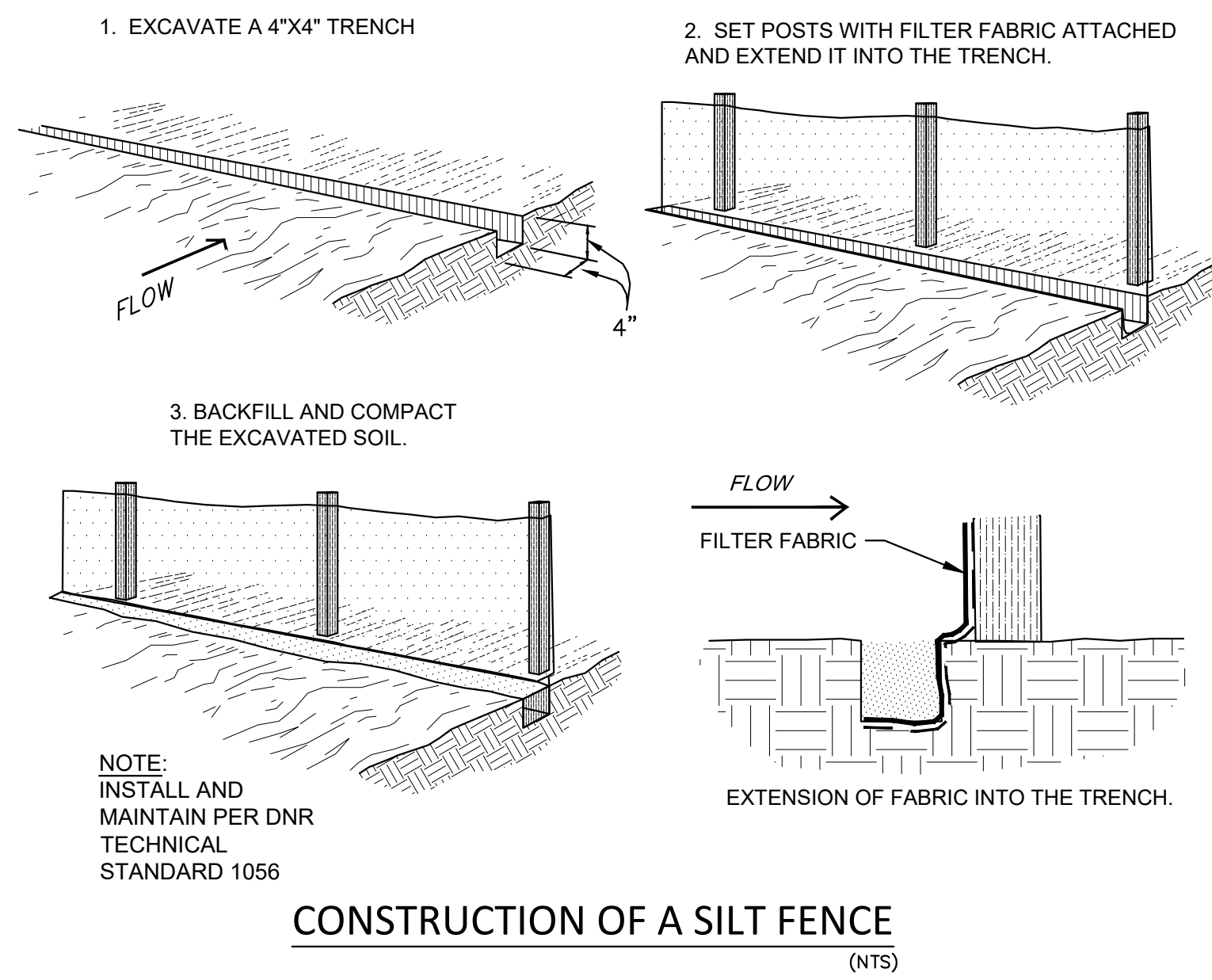
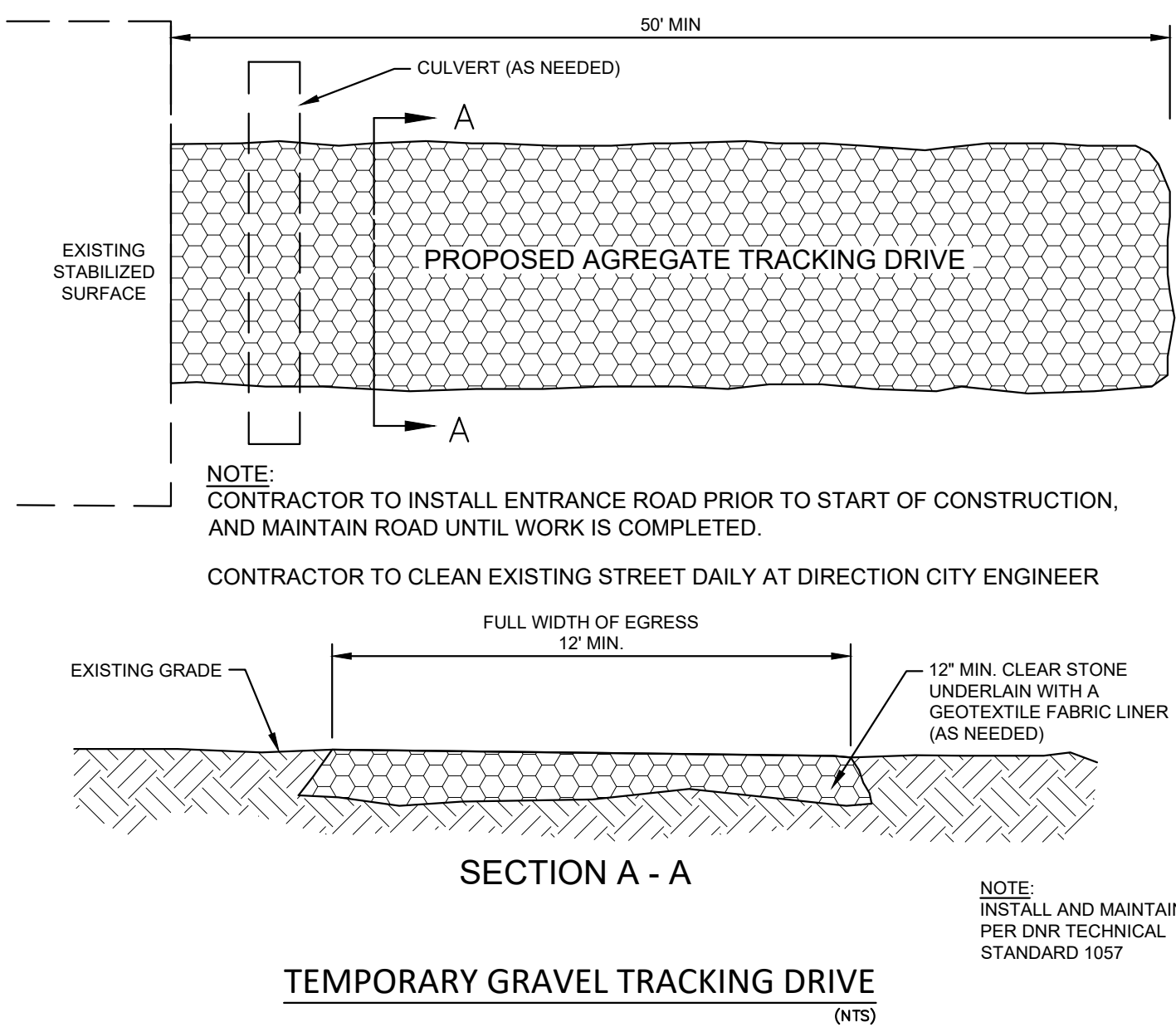
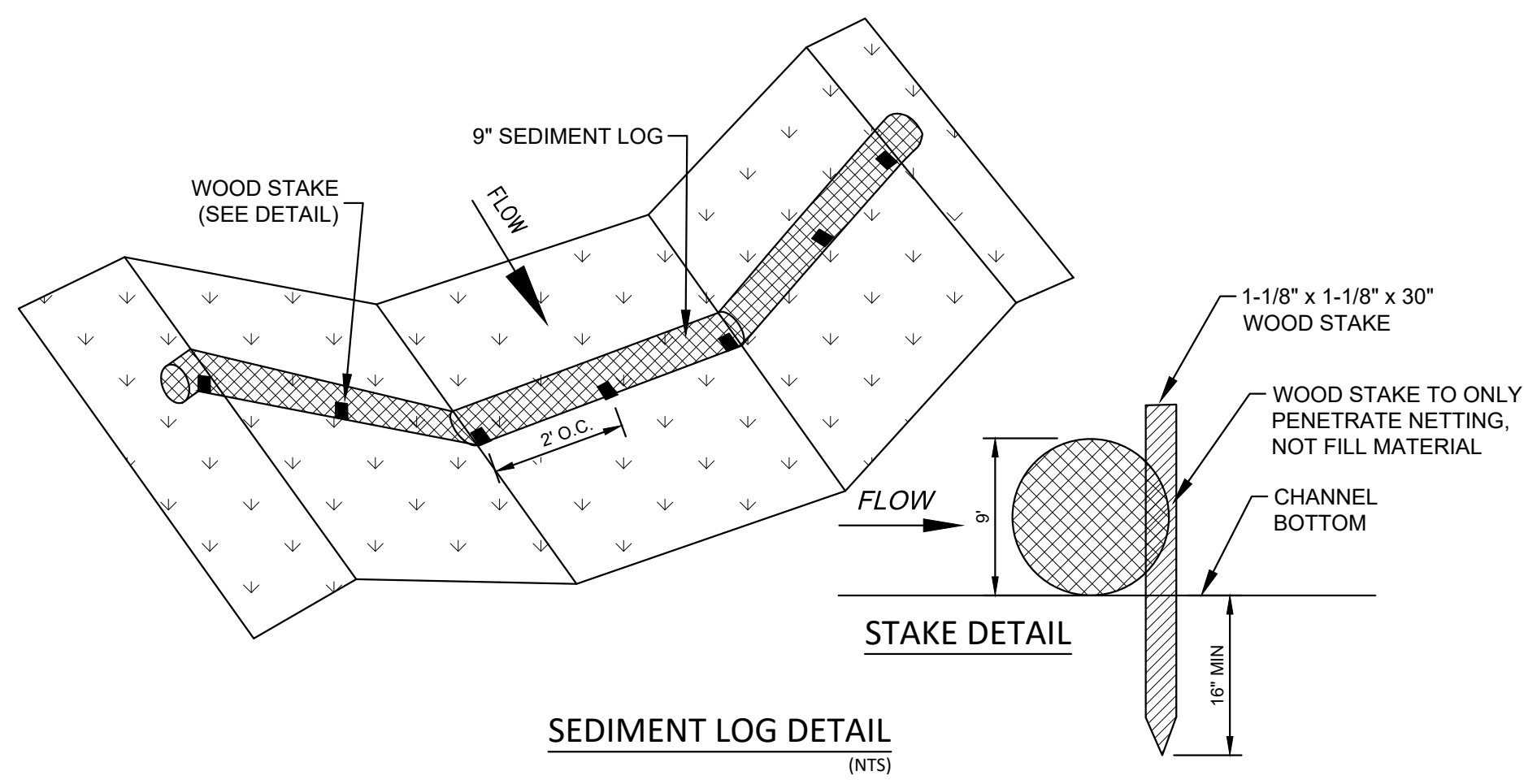
WISCONSIN PROFESSIONAL ENGINEER
MICHAEL P. COURT
E-20542
PESWAUKEE, WI

NO.	BY	DATE	REVISIONS

PRELIMINARY - NOT APPROVED FOR CONSTRUCTION

<p style="font-size: small; margin-top: 5px;">PHONE: 608.782.3161 329 JAY STREET, SUITE 301 LA CROSSE, WI 54601-4034 www.sehinc.com</p>	<p style="font-size: x-small; margin: 0;">FILE NO. SCANP_148296</p> <p style="font-size: x-small; margin: 0;">DATE 02/14/2020</p> <p style="font-size: 2em; font-weight: bold; margin: 0;">T 0.01</p> <p style="font-size: x-small; margin: 0;">OF 10</p>
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GENERAL NOTES:

- ALL EROSION CONTROL PRACTICES MUST BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF PRODUCING RAINFALL (1/2" OR MORE), AND AT LEAST ONCE PER WEEK.
- ALL TEMPORARY TOPSOIL STOCKPILES SHALL NOT BE LOCATED WITHIN 25 FEET OF A DRAINAGE WAY AND SHALL BE PROTECTED WITH SILT FENCING AROUND THE DOWN SLOPE AND SIDE SLOPES OF THE PILE, AND STABILIZED WITH TEMPORARY SEEDING WITHIN 7 DAYS OF INACTIVITY.
- CUT AND FILL SLOPES WILL BE A MAXIMUM OF 3:1 OR FLATTER, UNLESS OTHERWISE NOTED.
- TEMPORARY SEEDING TO CONFORM WITH SECTION 630.2.1.5.1.2 OF THE STATE OF WISCONSIN D.O.T. STANDARD SPECIFICATIONS FOR HIGHWAY AND STRUCTURE CONSTRUCTION (ANNUAL OATS).
- CONSTRUCTION TRAFFIC IS REQUIRED TO ACCESS THE SITE USING ONLY THE TEMPORARY TRACKING DRIVE.
- ANY DISTURBED AREAS THAT REMAIN INACTIVE FOR GREATER THAN 7 DAYS SHALL BE STABILIZED WITH TEMPORARY MEASURES SUCH AS SOIL TREATMENT, TEMPORARY SEEDING OR MULCHING. FROZEN SOILS DO NOT EXCLUDE THE SITE FROM THIS REQUIREMENT.
- TOPSOIL SHALL NOT BE USED AS FILL MATERIAL IN THE NON-STRUCTURAL AREAS UNTIL ALL SOURCES OF STRUCTURAL CUT AND TRENCH SPOILS HAVE BEEN EXHAUSTED.
- RESTORATION SHALL INCLUDE TOPSOIL AS REQUIRED (REASONABLY FREE OF STONES, STICKS, ROOTS, AND OTHER OBJECTIONABLE MATTER AND DEBRIS), SEED, FERTILIZER, AND MULCH.
SEED:
PERMANENT - SEED MIXTURE NO. 30 IN SECTION 630 OF THE "STATE SPECIFICATIONS"
TEMPORARY - SEED MIXTURE CONFORMING TO WDNR TECH STANDARD 1059
FERTILIZER (PERMANENT SEED AREAS ONLY):
THE CONTRACTOR SHALL APPLY A FERTILIZER (20-0-0) OVER ALL SEEDED AREAS AT A RATE OF 10 POUNDS PER 1000 SQUARE FEET. THIS AREA SHALL BE MAINTAINED BY THE CONTRACTOR.
MULCH:
ALL MATTED AREAS SHALL BE MATTED AS SHOWN ON SHEET C 2.10 MINIMUM. ALL OTHER AREAS SHALL BE MULCHED WITH STRAW MULCH IN ACCORDANCE WITH METHODS "B" OR "C", AS DESCRIBED IN SECTION 627 OF THE "STATE SPECIFICATIONS", EXCEPT THAT THE MULCH SHALL BE PLACED WITHIN TWO DAYS AFTER THE SEEDING HAS BEEN COMPLETED.

EROSION AND SEDIMENT CONTROL:

- AN EROSION CONTROL INSPECTION LOG MUST BE MAINTAINED ON SITE OR READILY AVAILABLE.
- CONSTRUCT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH THE "WISCONSIN STORM WATER CONSTRUCTION AND POST-CONSTRUCTION WDNR TECHNICAL STANDARDS".
- SEDIMENT CONTROL MEASURES MAY NEED TO BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION.
- PROVIDE PERIODIC INSPECTION AND MAINTENANCE OF ALL EROSION & SEDIMENT CONTROL STRUCTURES TO ENSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTROL MEASURES ARE TO BE IN WORKING CONDITION AT THE END OF EACH DAY.
- OBSERVE EXISTING STORM WATER MANAGEMENT FACILITY AFTER ANY SIGNIFICANT RAINFALL OF 1/2" OR MORE TO ENSURE THAT MEASURES ARE EFFECTIVELY MANAGING SEDIMENT DEPOSITION. IF SEDIMENT IS OBSERVED IN THE DISCHARGE TO THE BASIN, THE OBSERVER SHALL IMMEDIATELY CONTACT DESIGN ENGINEER FOR GUIDANCE AND ADDITIONAL MEASURES MAY BE REQUIRED.
- ALL TRACKED SOIL ON ADJACENT STREETS FROM THIS PROJECT MUST BE CLEANED ON A DAILY BASIS, MINIMUM. CONTRACTORS ARE REQUIRED TO USE THE TRACKING DRIVE(S) FOR ACCESS TO AND FROM THE SITE.
- ALL SLOPES 5:1 OR STEEPER SHALL BE STABILIZED USING CLASS I - TYPE A ECRM (UNLESS OTHERWISE NOTED) PER WDNR TECHNICAL STANDARD 1052.
- ALL AREAS OF CHANNELIZED FLOW SHALL BE STABILIZED USING CLASS II - TYPE B ECRM, (UNLESS OTHERWISE NOTED) PER WDNR TECHNICAL STANDARD 1053.

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DESIGNER:				
CHECKED BY: MPC/JJT				
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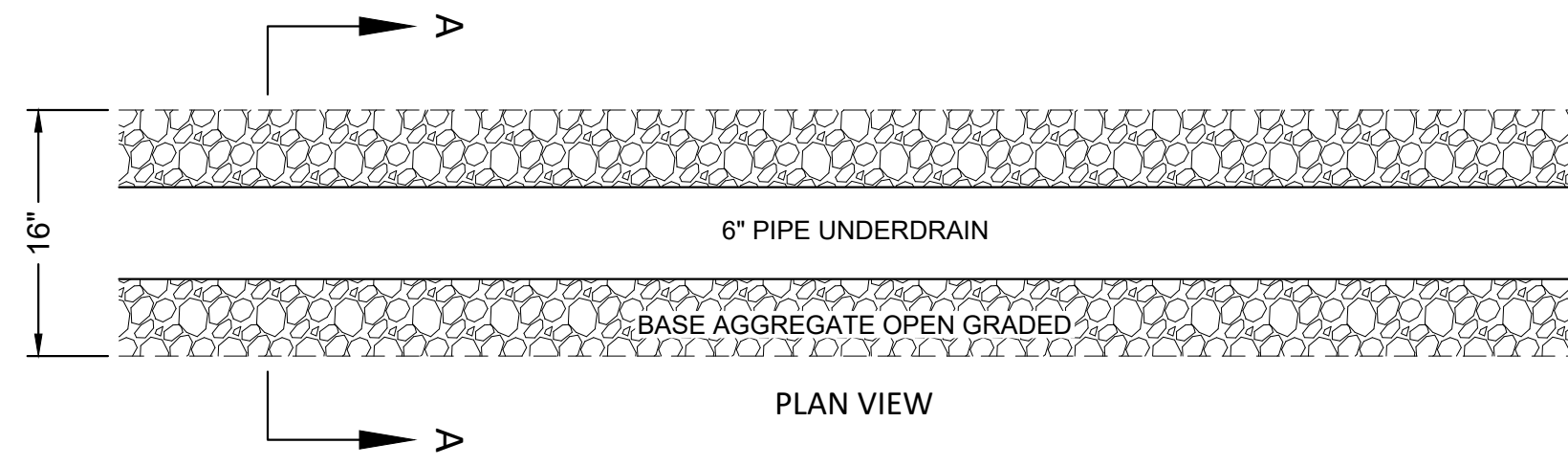
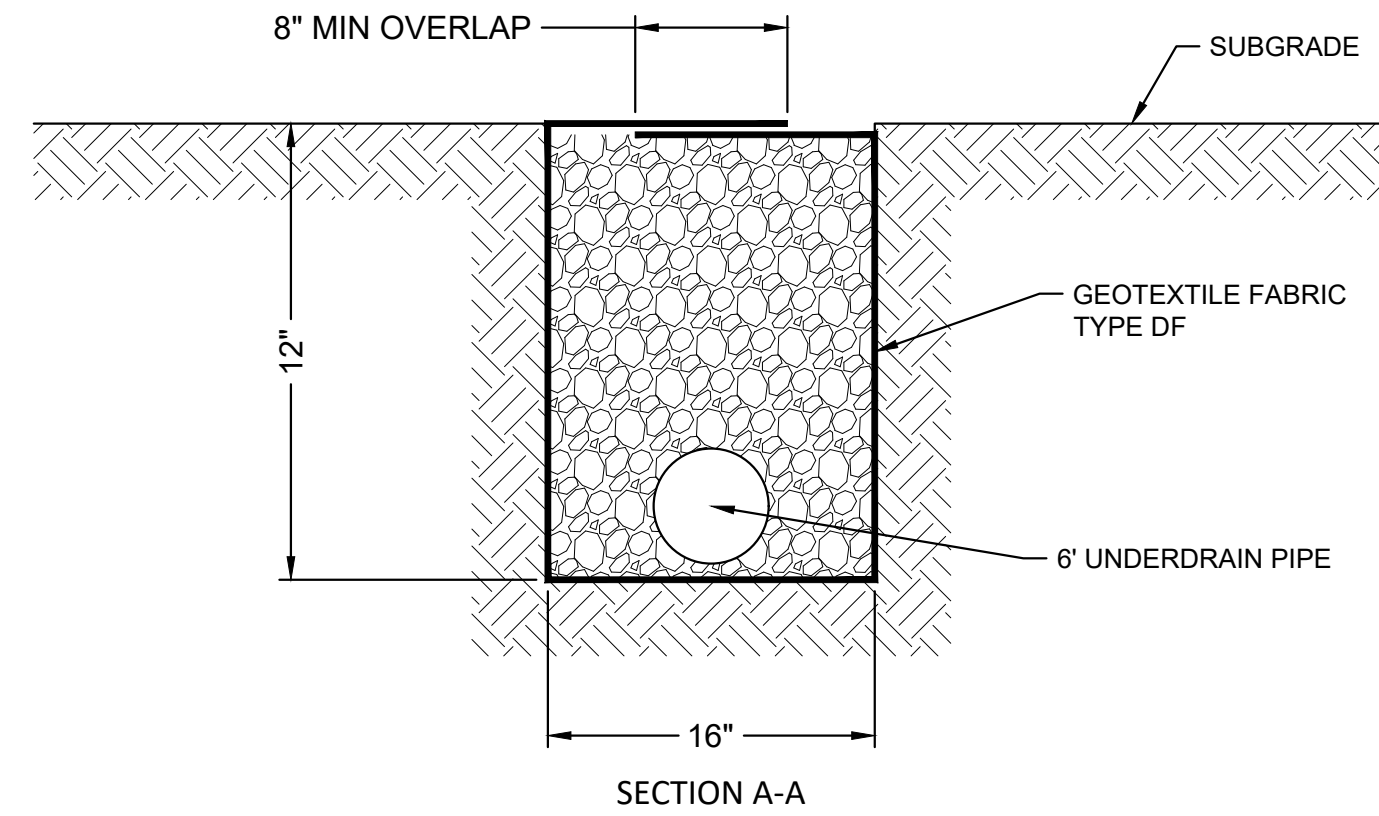
EROSION CONTROL DETAILS

FILE NO. SCANP_148296	C 1.00
DATE 02/14/2020	

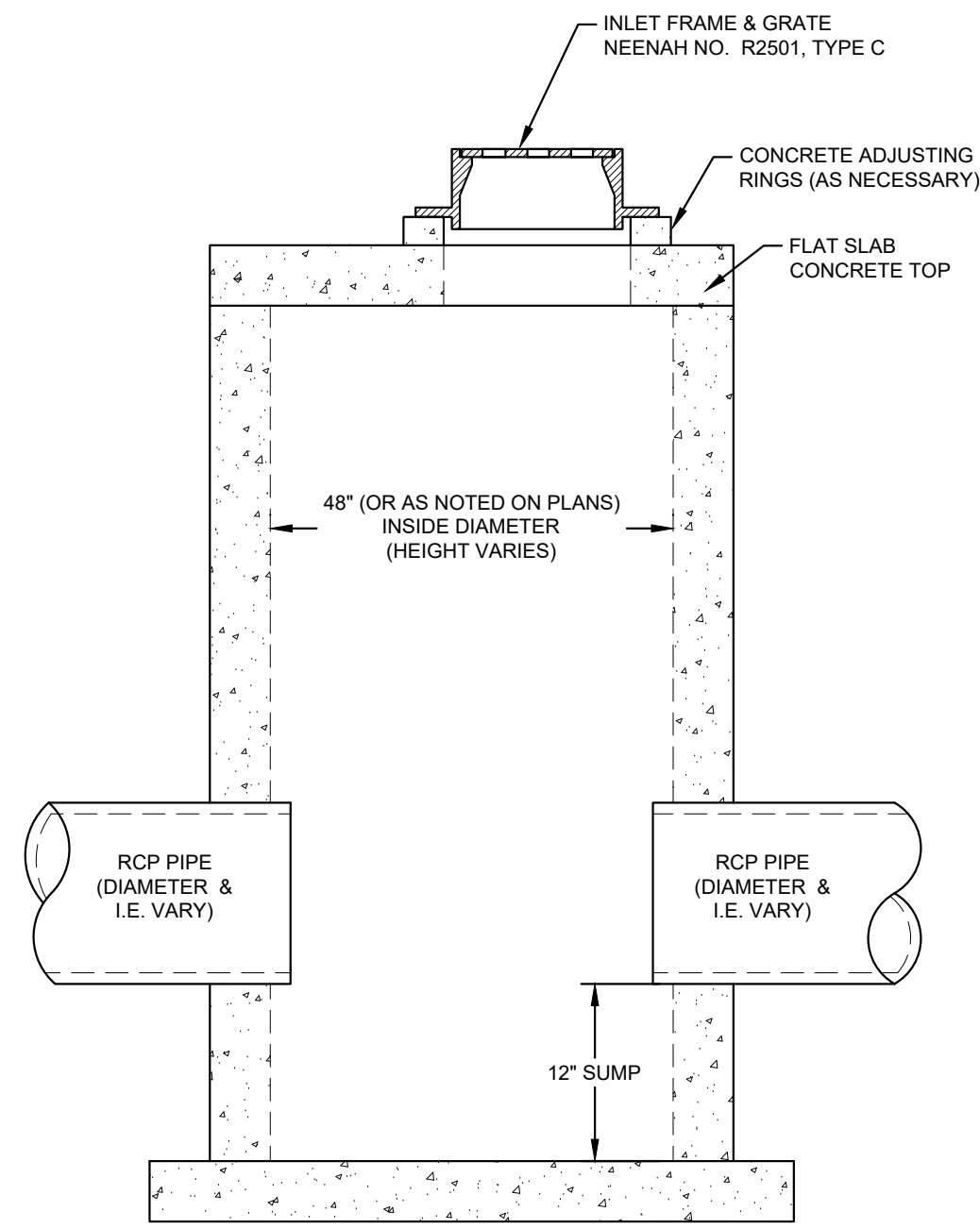
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CONSTRUCTION SEQUENCE: (TO BE STRICTLY FOLLOWED AT ALL TIMES)

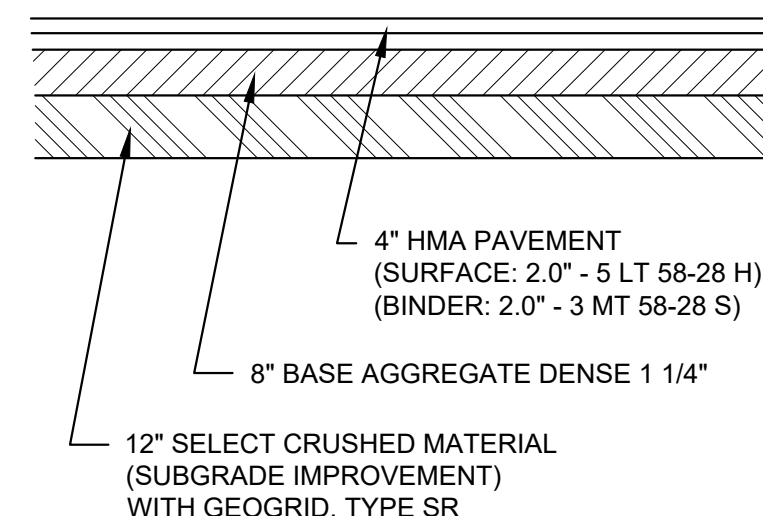
1. INSTALL TEMPORARY TRACKING DRIVE AT EXISTING CUL DE SAC AT END OF BERLIN DRIVE. IF BERLIN DRIVE CONSTRUCTION IS COMPLETED PRIOR TO COMPLETION OF SITE GRADING AND HEAVY HAULING ACTIVITIES, THE TRACKING DRIVE TO BE RECONSTRUCTED TO NORTH SIDE OF RELOCATED CUL DE SAC WITHIN PROPOSED DRIVEWAY.
2. INSTALL ACCESS DRIVE ACROSS EXISTING NORTH ROADSIDE DITCH ON SITE AS SHOWN ON PLANS. CONTRACTOR TO INSTALL 24" CMP CULVERT PRIOR TO FILLING DITCH.
3. INSTALL SILT FENCE AS SHOWN ON PLANS.
4. STRIP AND STOCKPILE TOPSOIL. STABILIZE ANY NON-ACTIVE STOCKPILES WITH TEMPORARY SEED AND MULCH. INSTALL SILT FENCING AROUND ALL DOWN SLOPES AND SIDE SLOPES OF TOPSOIL STOCKPILES.
5. COMPLETE ROUGH GRADING, CONSTRUCT SWALE ALONG NORTH AND WEST SIDE OF PROPOSED SITE AND STABILIZE.
6. INSTALL TEMPORARY SEEDING ON ALL DISTURBED AREAS WITHIN 7 DAYS OF THE END OF DISTURBANCE. (NOTE THAT POLYACRYLAMIDE MUST BE USED TO STABILIZE DISTURBED AREAS DURING THE NON-GROWING SEASONS.) INSTALL DITCH CHECKS IN SWALES WITHIN 7 DAYS OF THE COMPLETION OF DISTURBANCE.
7. BEGIN CONSTRUCTION OF BUILDING AND STORM SEWER INSTALLATION.
8. COMPLETE STORM SEWER INSTALLATION. (INSTALL INLET PROTECTION ON ALL NEWLY CONSTRUCTED STORM SEWER INLETS, CONTRACTOR TO REMOVE INLET PROTECTION ONCE SITE IS 80% STABILIZED.) **NOTE THAT STABILIZATION OF THE DISTURBED, MASS GRADED AREAS MUST TAKE PLACE IF THEY ARE NOT BEING GRADED DURING THE UTILITY INSTALLATION.**
9. COMPLETE FINAL GRADING OF BERLIN DRIVE EXTENSION INCLUDING PLACEMENT OF ROADWAY GRAVEL.
10. COMPLETE ASPHALT PAVING AND CURB AND GUTTER INSTALLATION.
11. INSTALL FINAL RESTORATION OF ALL DISTURBED AREAS.
12. ALL TEMPORARY EROSION CONTROL MEASURES SHALL REMAIN IN PLACE DURING SITE AND/OR BUILDING CONSTRUCTION UNTIL ALL CONTRIBUTING AREAS HAVE ESTABLISHED 80% VEGETATIVE COVER. CONTRACTOR SHALL REPAIR ANY DAMAGE DONE TO SITE DURING REMOVAL OF TEMPORARY EROSION CONTROL MEASURE. SAID REPAIR SHALL BE CONSIDERED INCIDENTAL TO THE REMOVAL ACTIVITIES.



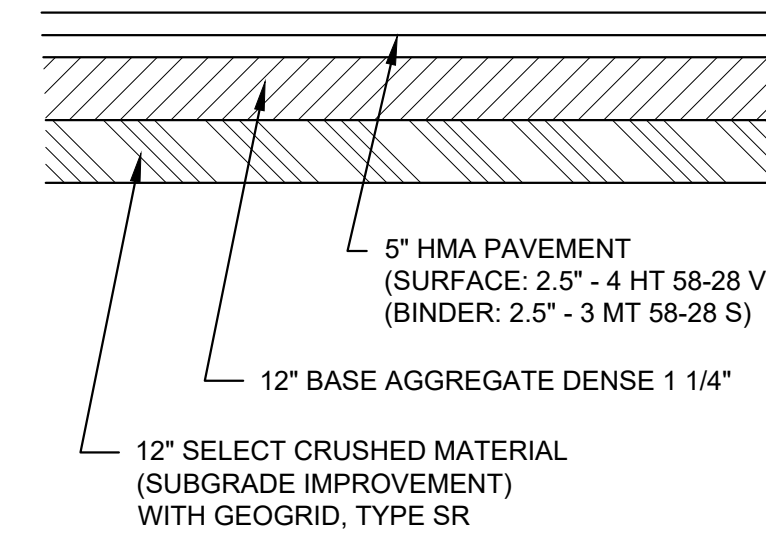
UNDERDRAIN DETAIL
(N.T.S.)



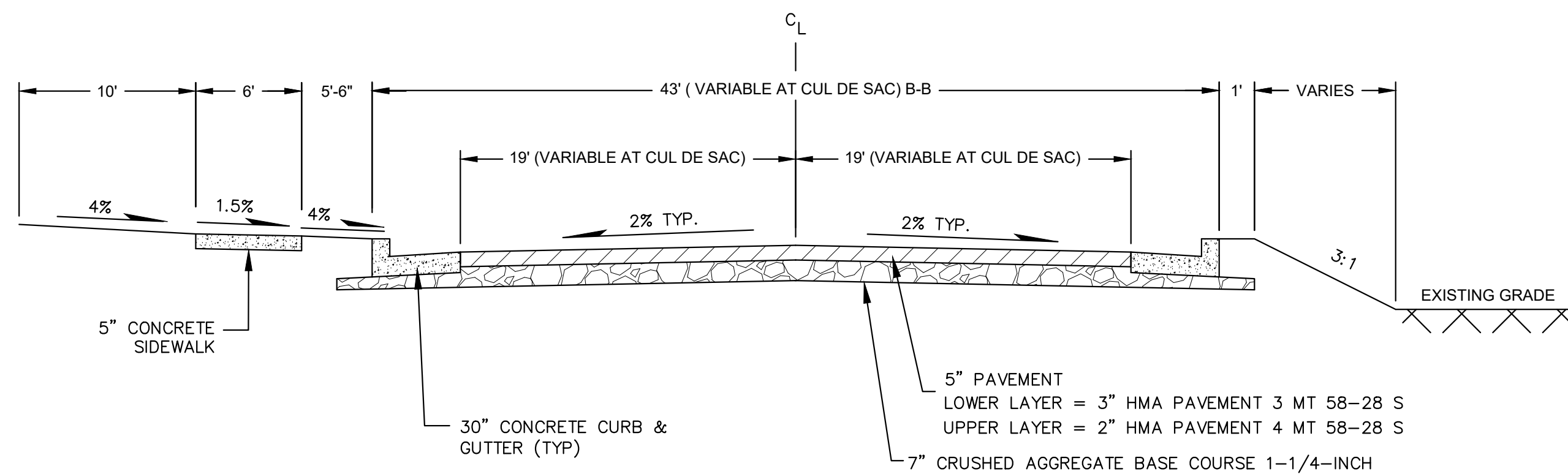
STORM MANHOLE - INLET DETAIL
(N.T.S.)



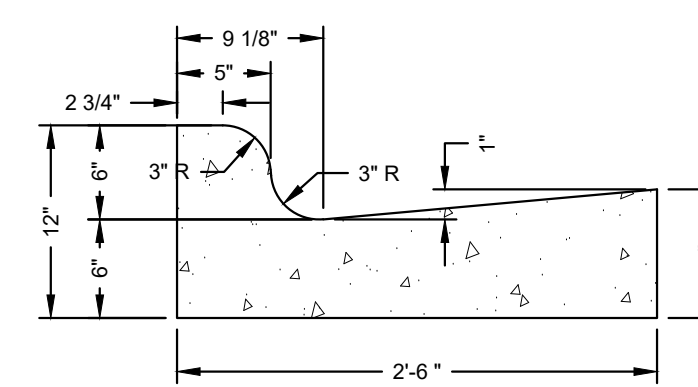
LIGHT DUTY PAVEMENT CROSS-SECTION
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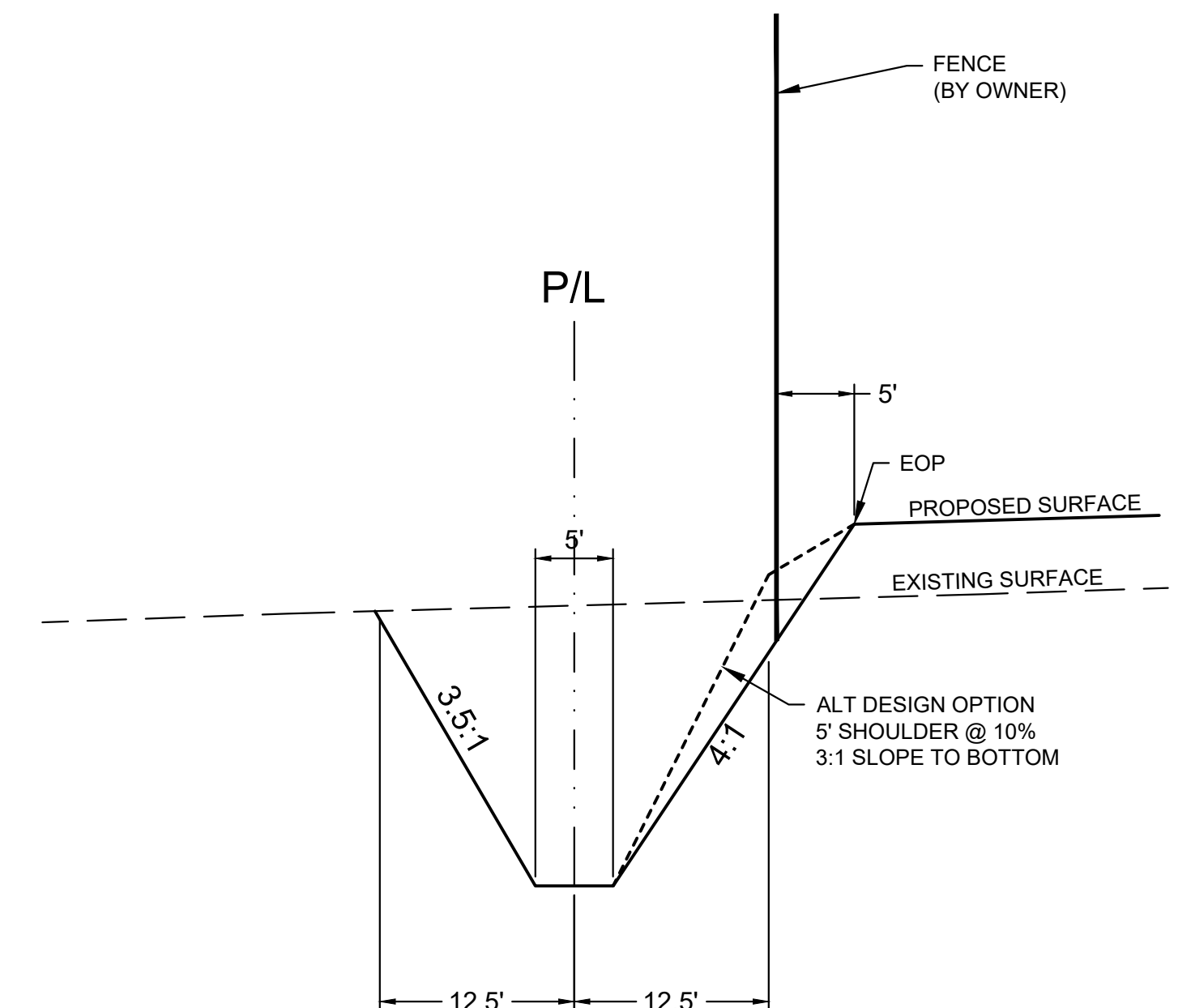
HEAVY DUTY PAVEMENT CROSS-SECTION
N.T.S.



BERLIN DRIVE - TYPICAL CROSS SECTION
NTS



STANDARD 30" CURB & GUTTER
N.T.S.



PROPOSED 25' WIDE DRAINAGE EASEMENT DITCH CROSS SECTION DETAIL
NTS

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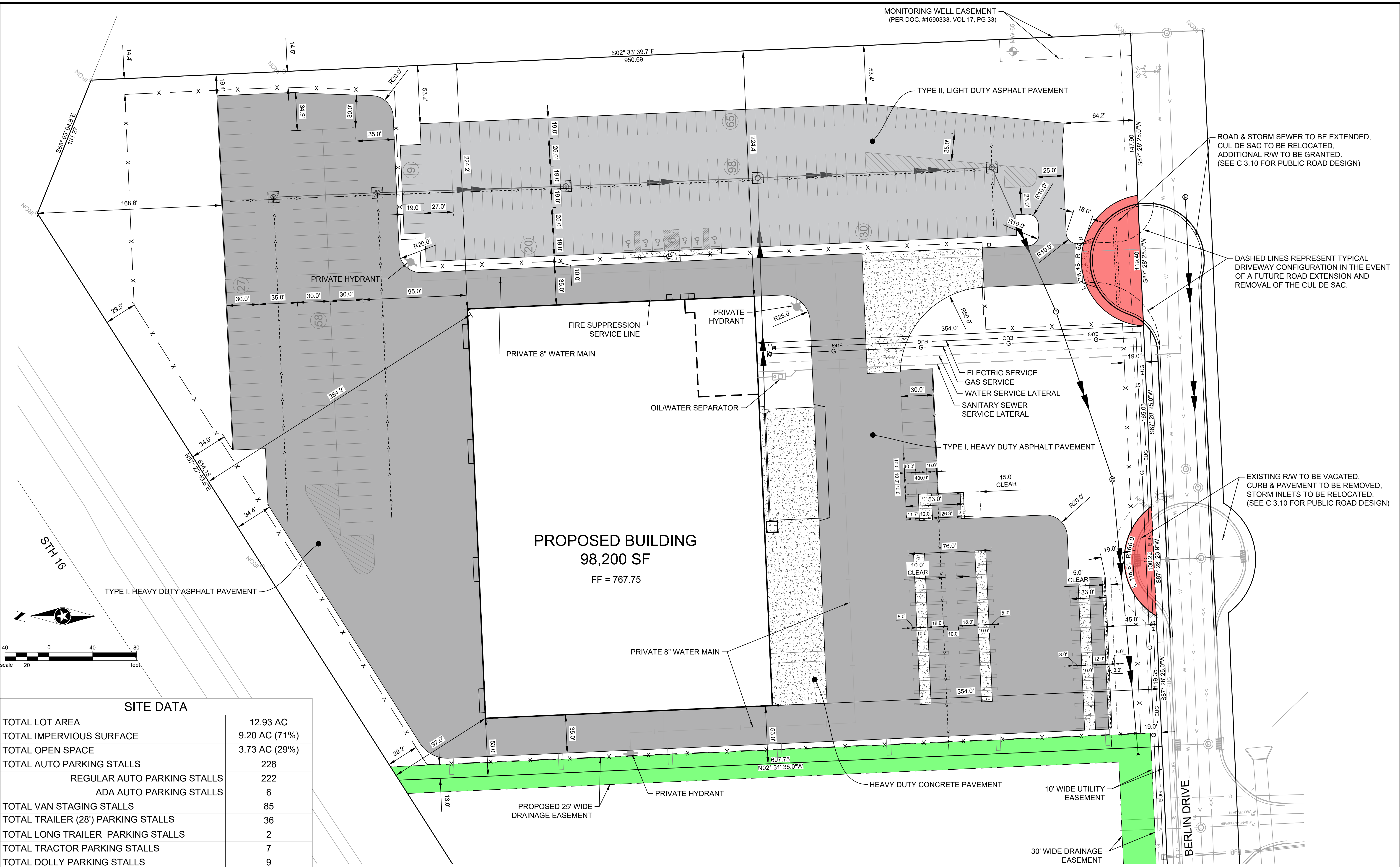
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ROAD & STORM SEWER TO BE EXTENDED, CUL DE SAC TO BE RELOCATED, ADDITIONAL RW TO BE GRANTED. (SEE C 3.10 FOR PUBLIC ROAD DESIGN)

DASHED LINES REPRESENT TYPICAL DRIVEWAY CONFIGURATION IN THE EVENT OF A FUTURE ROAD EXTENSION AND REMOVAL OF THE CUL DE SAC.

EXISTING RW TO BE VACATED, CURB & PAVEMENT TO BE REMOVED, STORM INLETS TO BE RELOCATED. (SEE C 3.10 FOR PUBLIC ROAD DESIGN)

SITE DATA

TOTAL LOT AREA	12.93 AC
TOTAL IMPERVIOUS SURFACE	9.20 AC (71%)
TOTAL OPEN SPACE	3.73 AC (29%)
TOTAL AUTO PARKING STALLS	228
REGULAR AUTO PARKING STALLS	222
ADA AUTO PARKING STALLS	6
TOTAL VAN STAGING STALLS	85
TOTAL TRAILER (28') PARKING STALLS	36
TOTAL LONG TRAILER PARKING STALLS	2
TOTAL TRACTOR PARKING STALLS	7
TOTAL DOLLY PARKING STALLS	9

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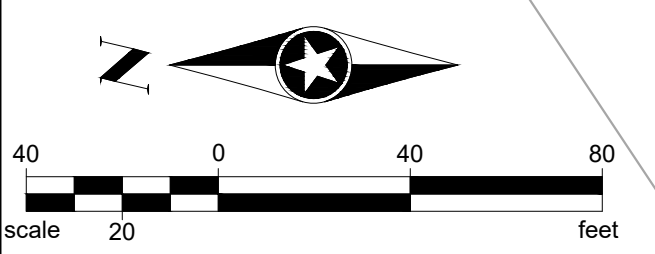
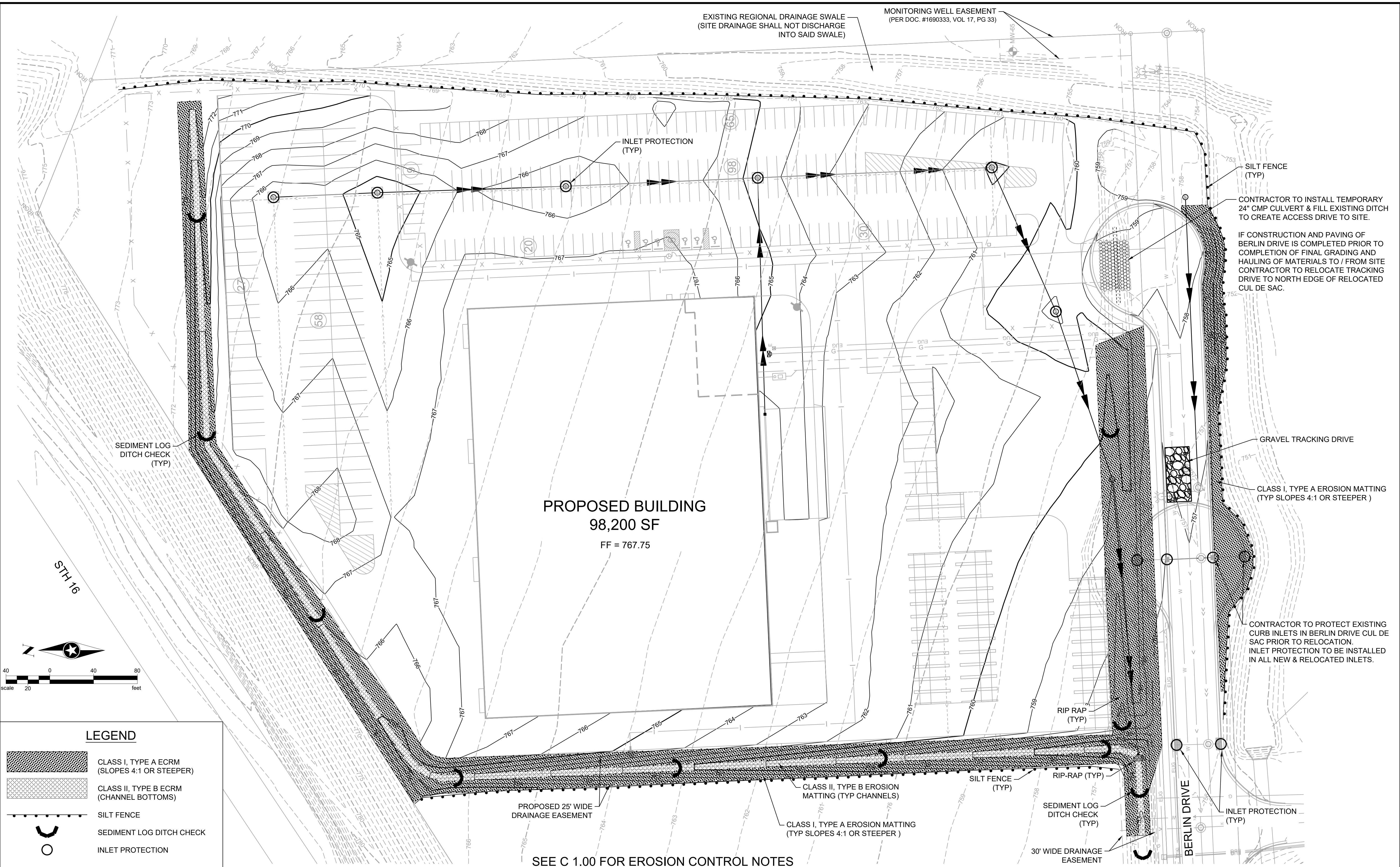


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SITE PLAN

FILE NO. SCANP_148296	C 2.00
DATE 02/14/2020	

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LEGEND	
	CLASS I, TYPE A ECRM (SLOPES 4:1 OR STEEPER)
	CLASS II, TYPE B ECRM (CHANNEL BOTTOMS)
	SILT FENCE
	SEDIMENT LOG DITCH CHECK
	INLET PROTECTION

SEE C 1.00 FOR EROSION CONTROL NOTES

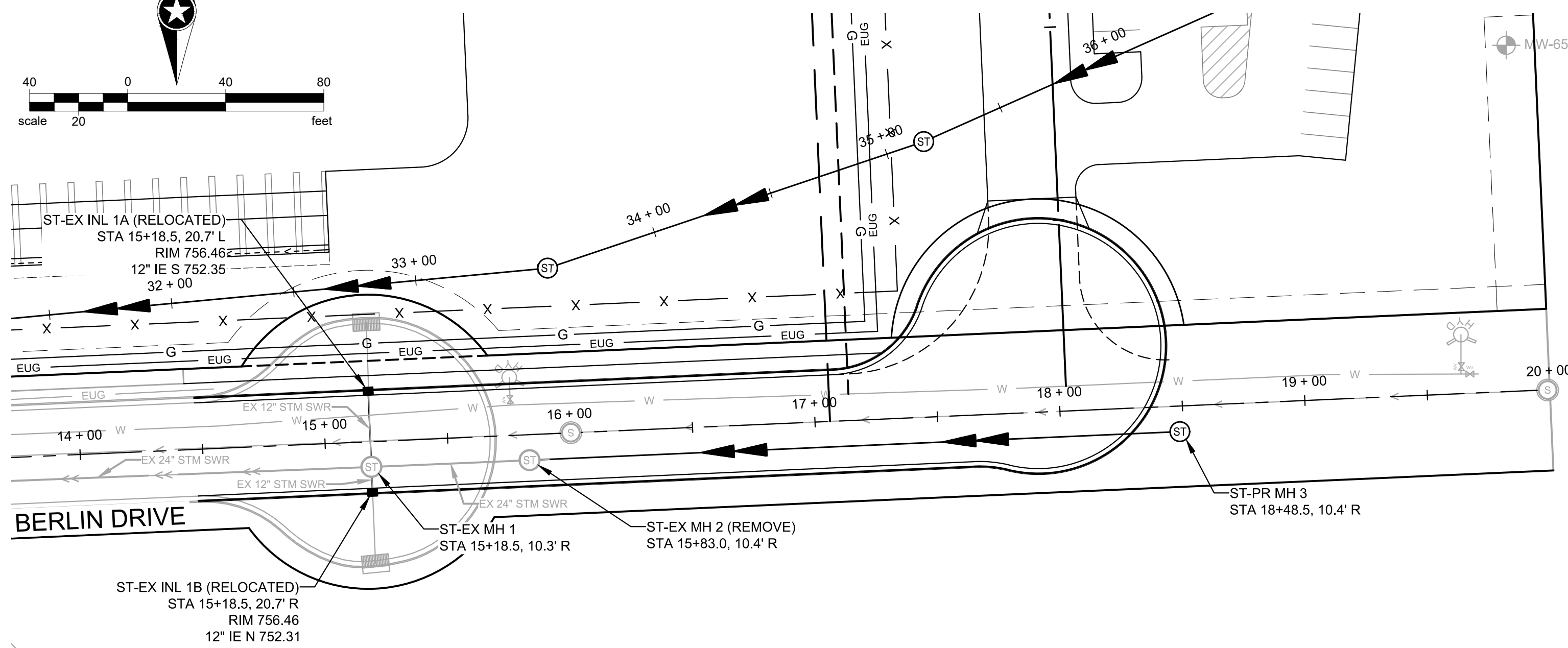
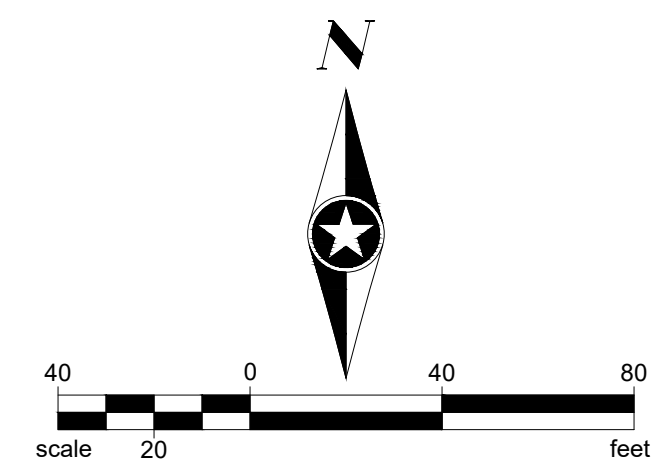
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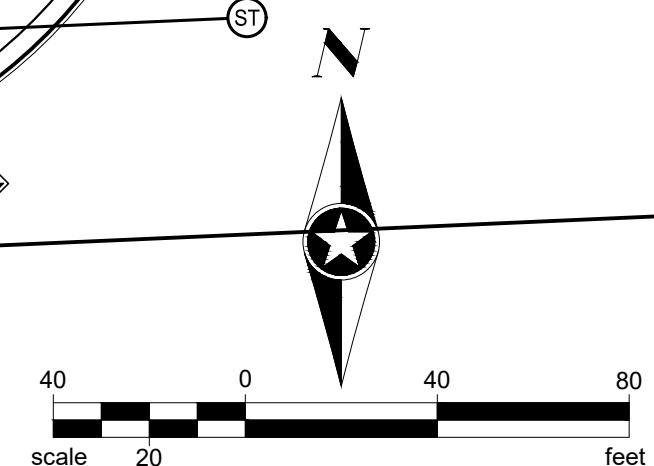
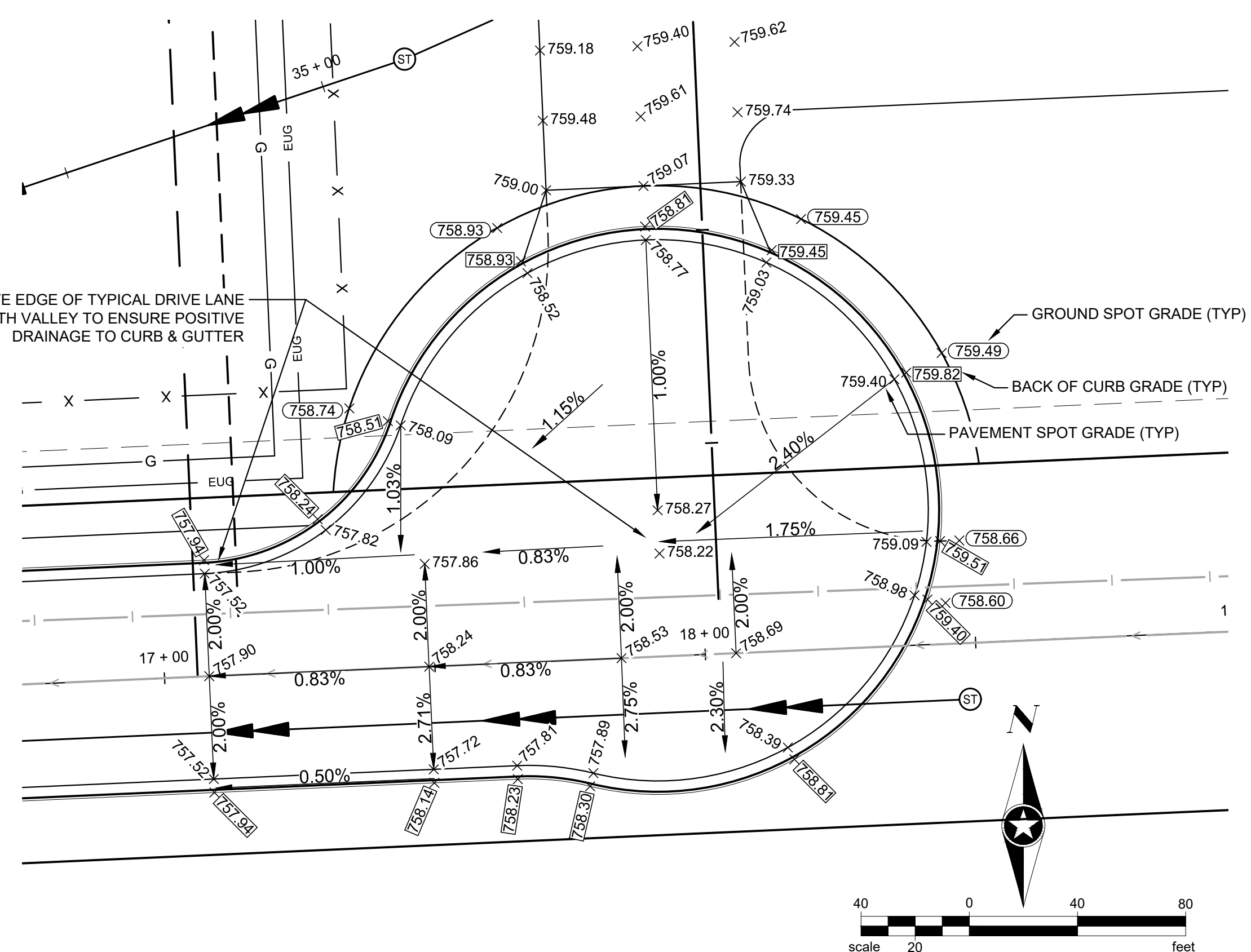
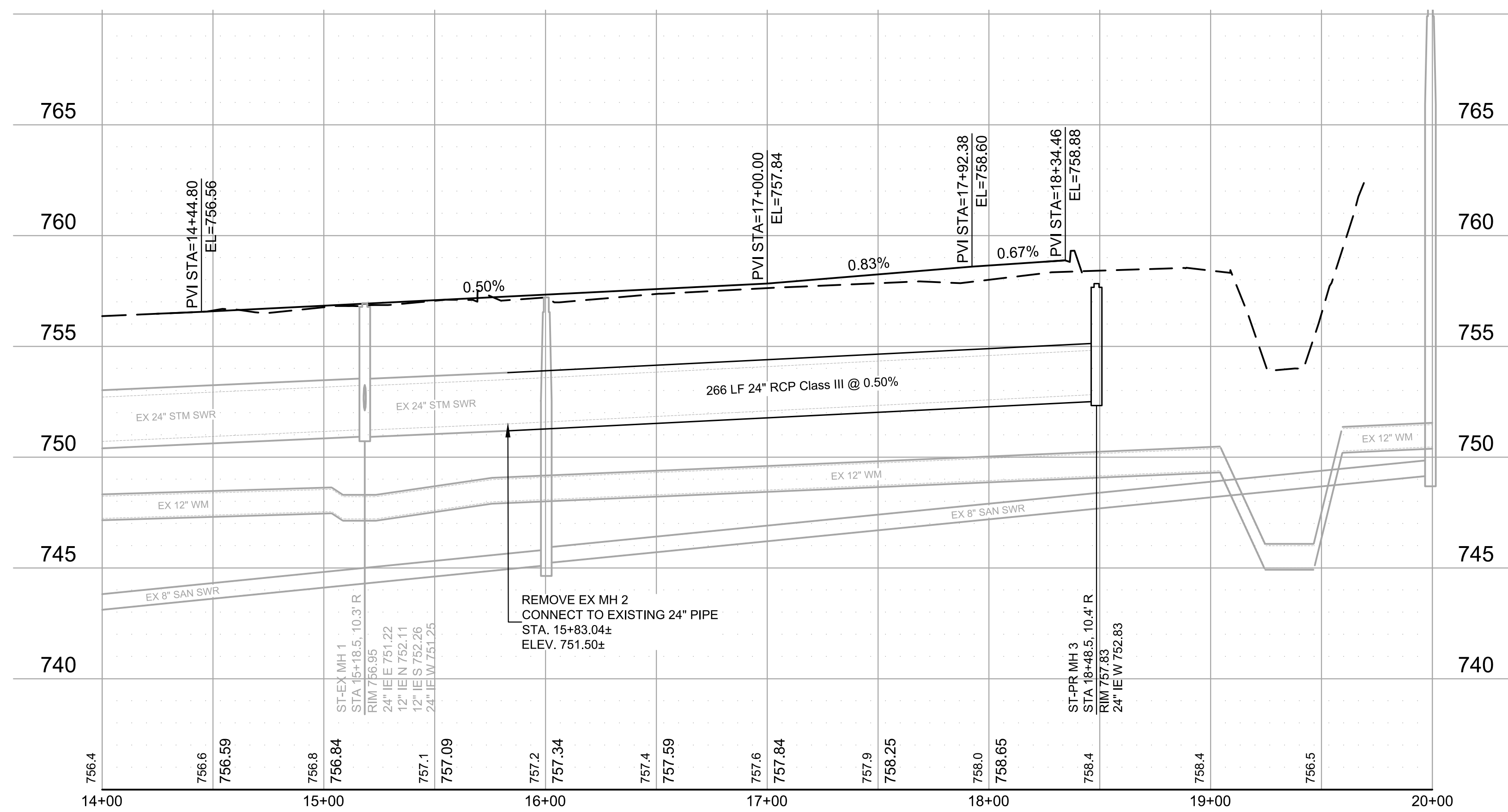
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EROSION CONTROL PLAN

FILE NO. SCANP_148296	C 2.10
DATE 02/14/2020	



NOTE: ALL STORM SEWER PIPE LENGTHS ARE SHOWN FROM CENTER TO CENTER OF STRUCTURES AND TO ENDS OF FLARED END SECTIONS, AS APPLICABLE.



BERLIN DRIVE - CUL DE SAC DETAIL

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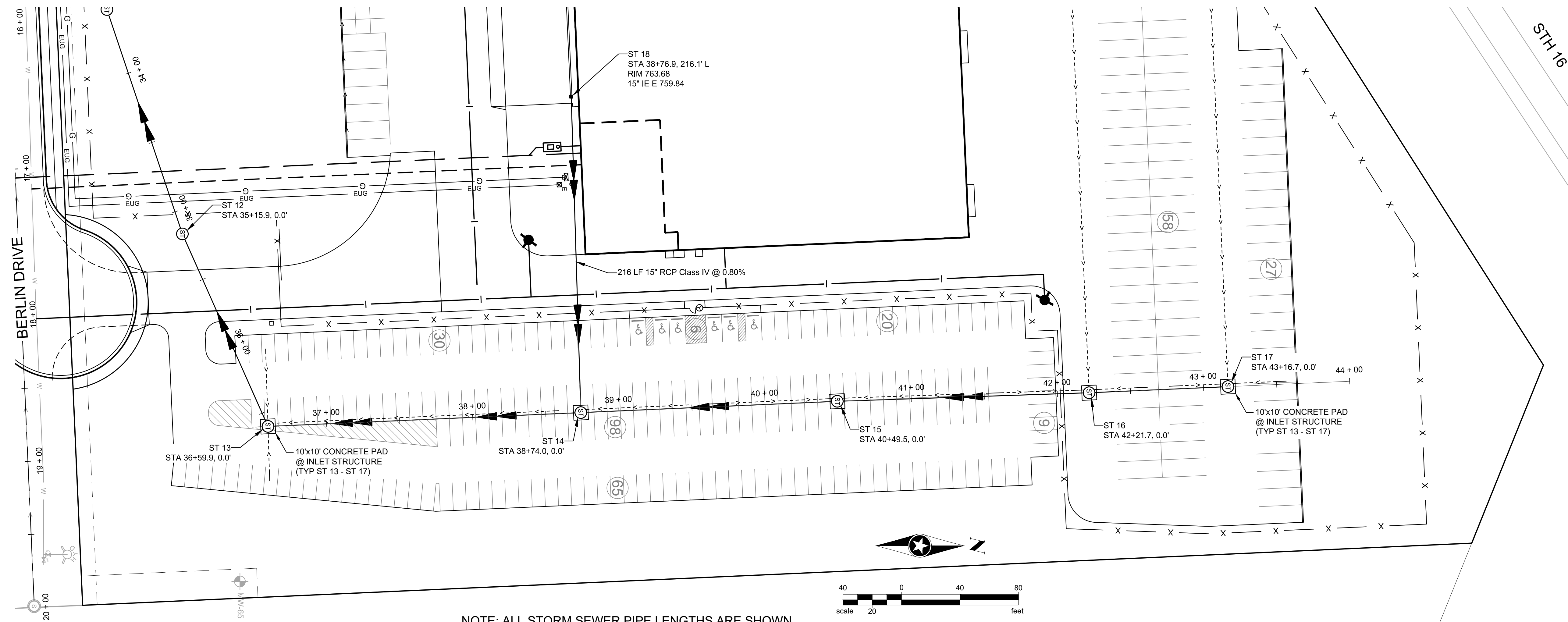
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BERLIN DRIVE PLAN & PROFILE - STA 14+00 TO STA 20+00

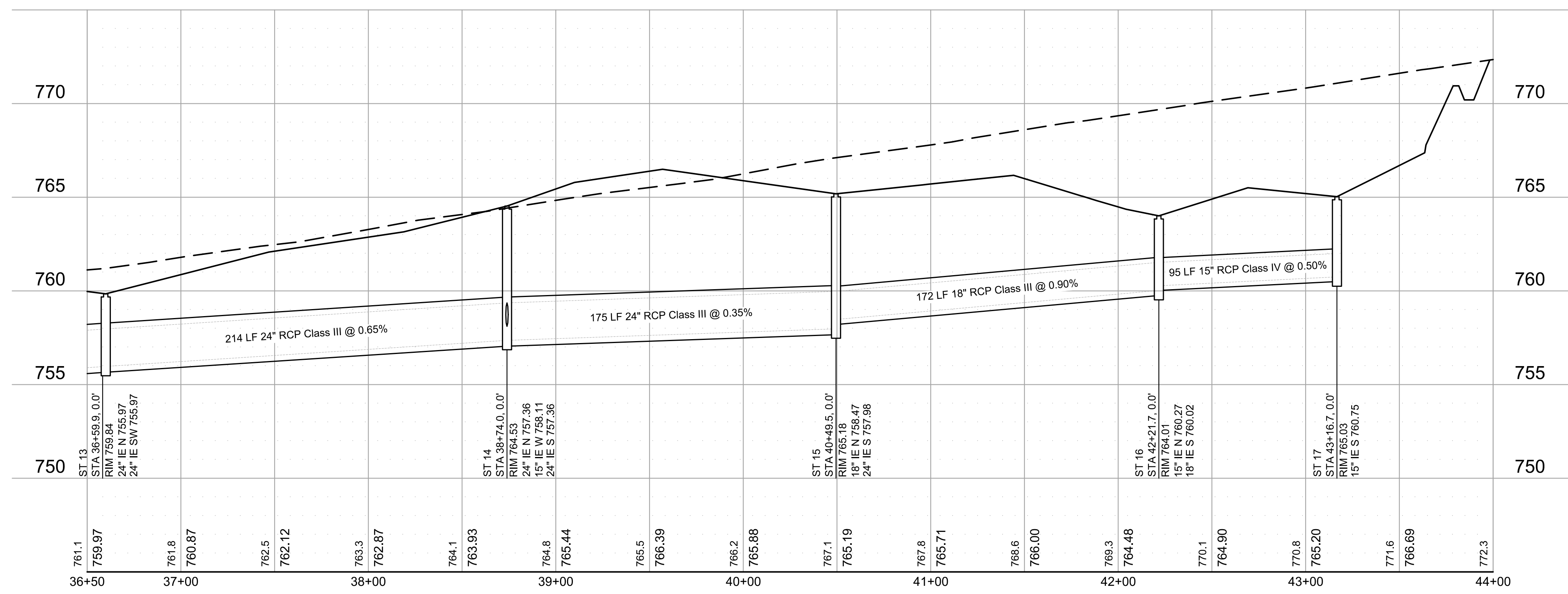
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NOTE: ALL STORM SEWER PIPE LENGTHS ARE SHOWN FROM CENTER TO CENTER OF STRUCTURES AND TO ENDS OF FLARED END SECTIONS, AS APPLICABLE.



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STORM SEWER PLAN & PROFILE - STA 36+50 TO STA 44+00

FILE NO. SCANP_148296
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C 3.30
 OF 10