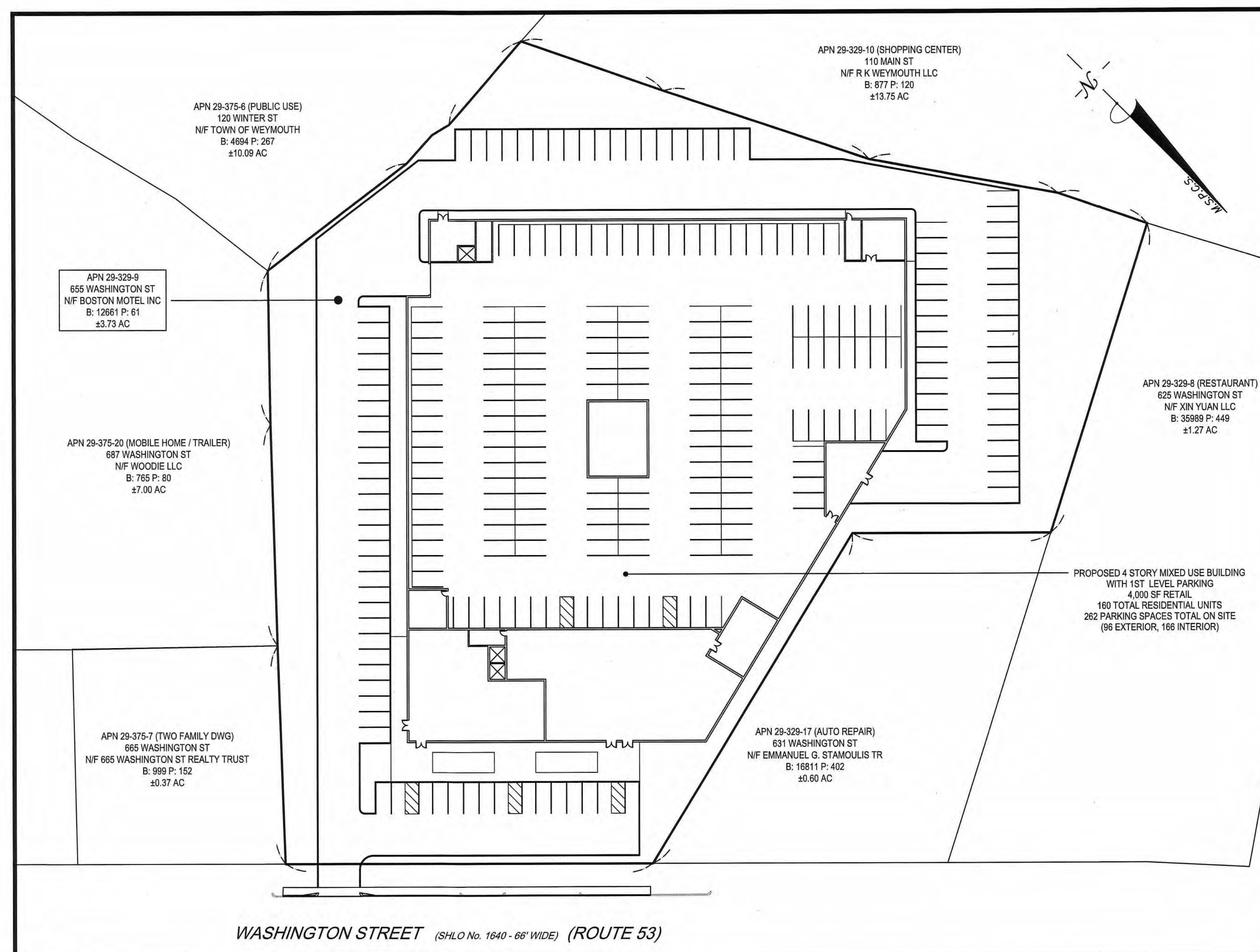


Drawing Index:

<u>No.</u>	<u>Drawing Title</u>
C-1	COVER SHEET
EX-1	EXISTING CONDITIONS PLAN
C-2	GENERAL NOTES, LEGEND & ABBREVIATIONS
C-3	SITE LAYOUT PLAN
C-4	GRADING & DRAINAGE PLAN
C-5	UTILITY PLAN
D-1-D3	CONSTRUCTION DETAILS
ES-1	EROSION CONTROL & SEDIMENTATION PLAN



SCALE: 1" = 40'

Issue Date:
January 12, 2021

McKenzie Engineering Group, Inc. Consulting Engineers
150 Longwater Drive, Suite 101, Norwell, Massachusetts 02061

Owner:
Dipika, Inc.
655 Washington Street
Weymouth, MA 02188

Applicant:
Trinity Green Development, LLC
180 Canton Avenue
Milton, MA 02186

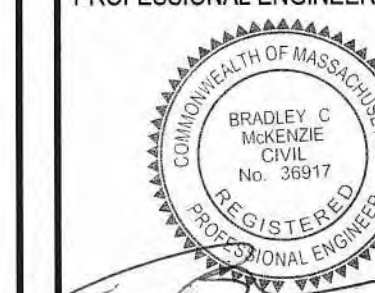
Engineer/Surveyor:
McKenzie Engineering Group, Inc.
150 Longwater Drive
Suite 101
Norwell, MA 02061

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PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

PROFESSIONAL ENGINEER



APPLICANT:
TRINITY GREEN
DEVELOPMENT, LLC
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

PERMIT PLAN SET

DRAWN BY:	R
DESIGNED BY:	R
CHECKED BY:	A
APPROVED BY:	B
DATE:	1/12
SCALE:	AS NOT
PROJECT NO.:	220-1
DWG. TITLE:	

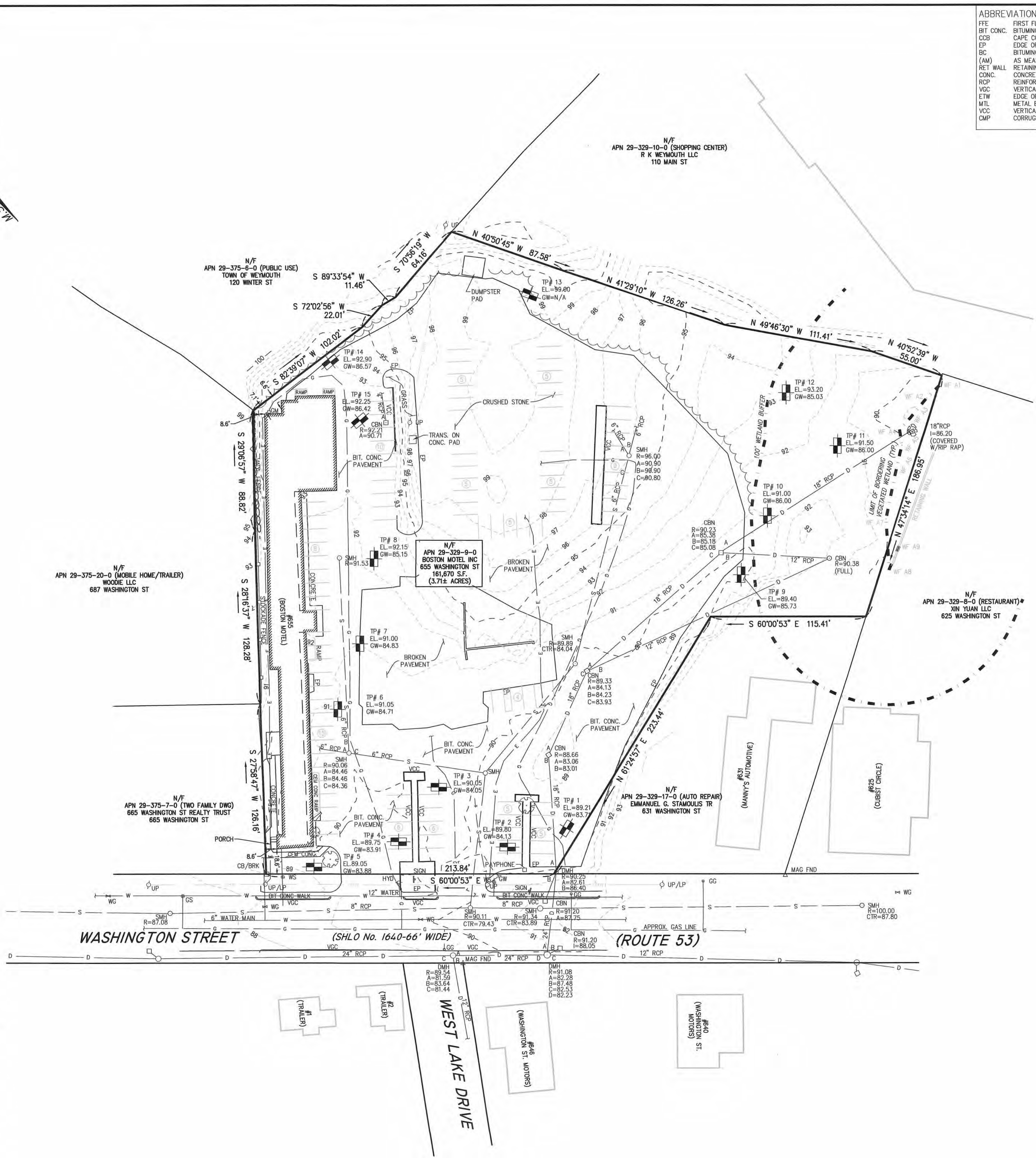
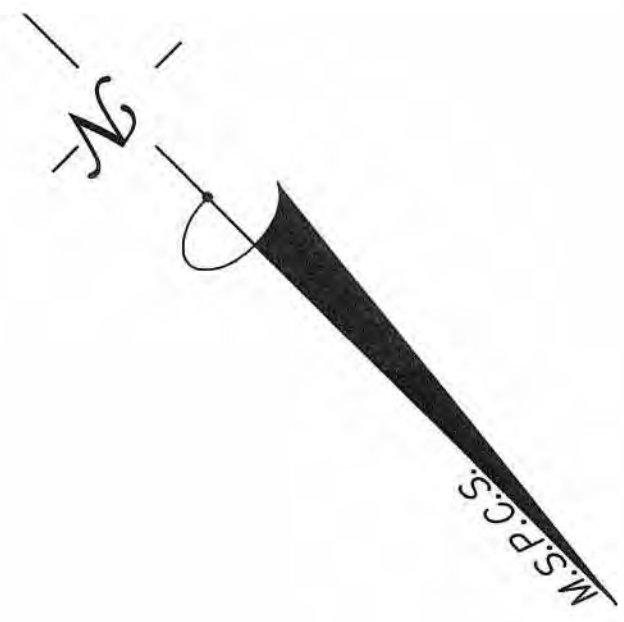
Cover
Sheet

DWG. NO:

C-1

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MANECS2020 PROJECTS\220-164 TRINITY GREEN DEV. LLC - 855 WASHINGTON ST. WEYMOUTH\DWGS\220-164 MAIN C-1-C3 DWG



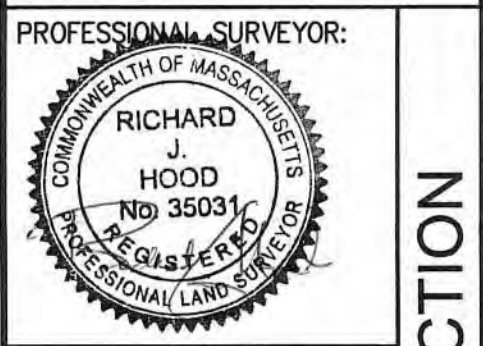
ABBREVIATIONS	
FFE	FIRST FLOOR ELEVATION
BIT CONC.	BITUMINOUS CONCRETE PAVEMENT
CCB	CAPE COD BERM
EP	EDGE OF PAVEMENT
BC	BITUMINOUS CONCRETE CURB
(AM)	AS MEASURED
RET WALL	RETAINING WALL
CONC.	CONCRETE
RCP	REINFORCED CONCRETE PIPE
VCC	VERTICAL GRANITE CURB
ETW	EDGE OF TRAVEL WAY
M.T.L.	METAL BERM
VCC	VERTICAL CONCRETE CURB
CMP	CORRUGATED METAL PIPE

LEGEND	
SURVEY SYMBOLS	
•	REBAR
∨	ANGLE IRON
CB/DH	CONCRETE BOUND WITH DRILL HOLE
SB	STONE BOUND
SB/DH	STONE BOUND
UTILITY SYMBOLS	
CHIMNEY	CHIMNEY
ELECTRIC HAND HOLE	ELECTRIC HAND HOLE
GUY POLE	GUY POLE
GUY WIRE	GUY WIRE
HVAC UNIT	HVAC UNIT
BUILDING LIGHT W/MAST	BUILDING LIGHT W/MAST
BUILDING LIGHT	BUILDING LIGHT
TRANSFORMER	TRANSFORMER
WATER GATE	WATER GATE
EXHAUST VENT	EXHAUST VENT
AIR VENT	AIR VENT
DRAINAGE SUMP	DRAINAGE SUMP
EMH	ELECTRIC MANHOLE
SMH	SEWER MANHOLE
DMH	DRAIN MANHOLE
TMH	TELEPHONE MANHOLE
CBN	DRAINAGE CATCH BASIN
DOOR WAY THRESHOLD	DOOR WAY THRESHOLD
HYDRANT	HYDRANT
POST INDICATOR VALVE	POST INDICATOR VALVE
UTILITY POLE	UTILITY POLE
YARD LIGHT	YARD LIGHT
RIP RAP	RIP RAP
BOLLARD	BOLLARD
SIGN	SIGN
FIRE ALARM	FIRE ALARM
DECIDUOUS TREE	DECIDUOUS TREE
CONIFEROUS TREE	CONIFEROUS TREE
LINE DESIGNATORS	
W	WATER MAIN
HANDRAIL	HANDRAIL
JERSEY BARRIER	JERSEY BARRIER
GUARD RAIL	GUARD RAIL
RAILROAD TRACKS	RAILROAD TRACKS
OVERHEAD WIRES	OVERHEAD WIRES
GAS LINE	GAS LINE
WATER SERVICE	WATER SERVICE
UNDERGROUND ELECTRIC	UNDERGROUND ELECTRIC
STORM DRAIN LINE	STORM DRAIN LINE
SANITARY SEWER LINE	SANITARY SEWER LINE
DRAINAGE SWALE	DRAINAGE SWALE
CHAIN LINK FENCE	CHAIN LINK FENCE

- SURVEY NOTES:**
- LOCUS IS SHOWN AS PARCEL NUMBER 29-329-9 ON THE TOWN OF WEYMOUTH ASSESSORS MAPS.
 - DEED TO LOCUS IS RECORDED IN THE NORFOLK COUNTY REGISTRY OF DEEDS AT BOOK 12661, PAGE 61.
 - THIS SURVEY WAS MADE ON THE GROUND IN SEPTEMBER OF 2020 BY MCKENZIE ENGINEERING GROUP, INC.
 - ELEVATIONS SHOWN ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.
 - WETLAND RESOURCE AREAS WERE DELINEATED BY ENVIRONMENTAL CONSULTING AND RESTORATION, LLC, ON OCTOBER 6, 2020 AND LOCATED DURING THE FIELD SURVEY.
 - LOCUS IS ZONED LIMITED BUSINESS B-1
MINIMUM SETBACK REQUIREMENTS:
FRONT YARD 25'
SIDE YARD 10'
REAR YARD 15'
 - LOCUS IS SITUATED WITHIN A COMMERCIAL CORRIDOR OVERLAY DISTRICT (CCOD).
 - LOCUS IS SITUATED IN ZONE X AS SHOWN ON F.L.R.M. No 25021C0229E, EFFECTIVE 7/17/2012.
 - LOCUS IS NOT LOCATED IN A DEP ZONE 2 AND TOWN OF WEYMOUTH AQUIFER PROTECTION DISTRICT ZONE.
 - UTILITY INFORMATION FROM ABOVE GROUND OBSERVED EVIDENCE IN CONJUNCTION WITH DIG SAFE MARKINGS AND RECORD PLANS. THE LAND SURVEYOR MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN HEREON COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE LAND SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED. BEFORE CONSTRUCTION CALL DIG SAFE SYSTEMS, INC. AT 1-888-344-7233.
 - PLAN REFERENCES: LCP 22365A

MCKENZIE ENGINEERING GROUP
Assinippi Office Park
150 Langwater Drive, Suite 101
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PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

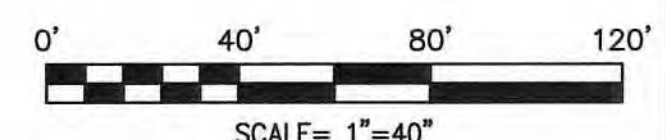


OWNERS/APPLICANT:
TRINITY GREEN DEVELOPMENT, LLC
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

DRAWN BY: RPL
DESIGNED BY: RPL
CHECKED BY: RTLS
APPROVED BY: R.H.
DATE: 1/12/21
SCALE: 1"=40'
PROJECT NO.: 220-164
DWG. TITLE:

EXISTING CONDITIONS PLAN
DWG. NO: EX-1

NOT FOR CONSTRUCTION



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ABAN	ABANDONED
ACP	ASBESTOS CEMENT PIPE
ACR	ACCESSIBLE CURB RAMP
ADJ	ADJUST
APPROX	APPROXIMATE
ASPH	ASPHALT
ACCPM	ASPHALT COATED CORRUGATED METAL PIPE
B	BOLLARD
BD	BOUND
BLDG	BUILDING
BIT CONC	BITUMINOUS CONCRETE
BM	BENCHMARK
BS	BOTTOM OF SLOPE
CAP	CORRUGATED ALUMINUM PIPE
CB	CATCH BASIN
C&C	CUT AND CAPPED
CB/DH	CONC. BOUND/DRILL HOLE
CB/EP/ P	CB/ESCUTCHEON
CCB	CAPE COD BERM
CIP	CAST IRON PIPE
CIT	CHANGE IN TYPE
C	CENTERLINE
CLF	CHAIN LINK FENCE
CO	CLEAN OUT
CONC	CONCRETE
CORR	CONDUIT
CMP	CORRUGATED METAL PIPE
CPP	CORRUGATED POLYETHYLENE PIPE
CS	COMBINED SEWER
CSMH	COMBINED SEWER MANHOLE
CULV	CULVERT
Δ	DELTA ANGLE
D	DRAIN
DCB	DOUBLE CATCH BASIN
DIP	DUCTILE IRON PIPE
DMH	DRAIN MANHOLE
E	ELECTRIC
ECC	EXTRUDED CONCRETE CURB
ELEV	ELEVATION
EMH	ELECTRIC MANHOLE
ET/IC	ELECTRIC, TELEPHONE, & CABLE TV
EW	END WALL
EXIST	EXISTING
FAB	FIRE ALARM BOX
FES	FLARED END SECTION
FND.	FOUND
FND	FOUNDATION
F&C	FRAME AND COVER
F&G	FRAME AND GRATE
FD	FIRST DEFENSE UNIT
G	GAS
GD	GROUND
GG	GAS GATE
GIP	GALVANIZED IRON PIPE
GP	GUARD POST
GS	GAS SERVICE
GR	GUARD RAIL
GRAN.	GRANITE
HH	HANDHOLE
HR	HORIZONTAL
HP	HIGH PRESSURE
HWL	HEADWALL
HYD	HYDRANT
INV	INVERT
I.P.	IRON PIN
I.R.	IRON ROD
L	LEAD
LP	LIGHT POLE
LSA	LANDSCAPED AREA
MAX	MAXIMUM
MC	METAL COVER
MH	MANHOLE
MHB	MASS. HIGHWAY BOUND
MIN	MINIMUM
MLP	METAL LIGHT POLE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OHW	OVERHEAD WIRE
PB	PULL BOX
P	POLYETHYLENE PIPE
PE	PROPERTY LINE
PROP	PROPOSED
PVC	POLYVINYL CHLORIDE PIPE
PVMT	PAVEMENT
PWW	PAVED WATER WAY
RCR	REINFORCED CONCRETE PIPE
REM	REMOVE
REMOD	REMODEL
RET	RETAIN
ROW	RIGHT OF WAY
RR	RAILROAD
R&R	REMOVE AND RESET
R&S	REMOVE AND STACK
S	SEWER
SB	STONE BOUND
SB/DH	STONE BOUND/DRILL HOLE
SGC	SLOPED GRANITE CURB
SMH	SEWER MANHOLE
STA	STATION
SS	SEWER SERVICE
STL	STEEL
SW	SIDEWALK
T	TELEPHONE
TCB	TRAFFIC CONTROL BOX
TL	TRAFFIC LIGHT
TMH	TELEPHONE MANHOLE
Tr	TREE
TRANS	TRANSFORMER
TS	TOP OF SLOPE
TSV	TAPPING SLEEVE, VALVE AND BOX
TYP	TYPICAL
UP	UTILITY POLE
VCP	VEGETATED CLAY PIPE
VERT	VERTICAL
VGC	VERTICAL GRANITE CURB
W	WATER MAIN
WG	WATER GATE

EXISTING	PROPOSED
----------	----------

[illegible]

CONTOUR ELEVATION	
SPOT GRADE	
TOP & BOTTOM ELEVATION	2. DI
SPOT ELEVATION w/LEADER	3. LO DI
SEWER MANHOLE (SMH)	4. LO
FIRST DEFENSE UNIT (FD)	5. LO
DRAIN MANHOLE (DMH)	6. TO EF OI
CATCH BASIN (CB)	
DOUBLE CATCH BASIN (DCB)	7. AI
HYDRANT (HYD)	8. AI TH U DI
UTILITY POLE (UP)	
LIGHT	
WATER GATE (WG)	9. AI TH S
GAS GATE (GG)	
SIGN	
EDGE OF PAVEMENT (NO CURB)	
TEST PIT AND/OR PERC TEST LOCATION	
EXISTING TREE	
BOLLARD	
DUMPSTER PAD	
PARKING COUNT	
HANDICAP RAMP	
HANDICAP PARKING	
VAN-ACCESSIBLE HANDICAP PARKING	
UTILITY POLE	
GUY POLE	
HAND HOLE	
PULL BOX	
TELEPHONE MANHOLE	
TRANSFORMER PAD	
TREE LINE	
CHAIN LINK FENCE	
STONE WALL	
RETAINING WALL	
TOWN AQUIFER LINE	
FLOODPLAIN, WATERSHED, AND WETLAND OVERLAY DISTRICT	
DEP ZONE C	
WETLAND FLAG LOCATION	
WETLAND LINE	
WETLAND FLAG INDICATING AN OFFSITE TREND LINE (OS=OFFSET)	
OFFSITE WETLAND TREND LINE	
100' WETLAND BUFFER	
BORDERING LAND SUBJECT TO FLOODING (BSLF)	
LIMIT OF WORK/EROSION CONTROL	
SNOW STORAGE AREA	

GENERAL NOTES

1. LOCUS OWNER: ASSESSOR'S PARCEL ID 29-329-9 ± (3.73 ACRES)
BOSTON MOTEL INC
665 WASHINGTON STREET
WEYMOUTH, MA 02189
2. DEED BOOK REFERENCE: NORFOLK COUNTY REGISTRY OF DEEDS BOOK 12661, PAGE 61
3. LOCUS IS LOCATED IN THE CITY OF WEYMOUTH BUSINESS B-1 ZONING DISTRICT AND THE COMMERCIAL CORRIDOR OVERLAY DISTRICT (CCOD).
4. LOCUS IS NOT LOCATED IN A DEP ZONE 2 AND CITY OF WEYMOUTH AQUIFER PROTECTION DISTRICT ZONE.
5. LOCUS IS SITUATED IN ZONE X AS SHOWN ON F.I.R.M. NO 25021C0229E, EFFECTIVE JULY 17, 2012.
6. TOPOGRAPHICAL INFORMATION AS SHOWN ON THE DESIGN PLANS BASED ON GROUND FIELD SURVEY PERFORMED BY MCKENZIE ENGINEERING GROUP, INC. IN SEPTEMBER 2020, ALL ELEVATIONS SHOWN REFER TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988, THE DELTA BETWEEN NAVD AND WEYMOUTH CITY BASE (WCB) IS -6.63'.
7. ABUTTER INFORMATION COMPILED FROM CITY OF WEYMOUTH ASSESSOR'S INFORMATION.
8. ALL LOCATIONS OF SUBSURFACE UTILITIES AND STRUCTURES WERE OBTAINED FROM AVAILABLE CITY AND UTILITY RECORDS. THE SIZE, TYPE AND LOCATION OF UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL PROPERLY LOCATE THE UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN UTILITY INFORMATION BY CONTACTING DIGSAFE (888-344-7233). THE CONTRACTOR SHALL EXCAVATE TEST PITS TO VERIFY UTILITY LINE LOCATIONS AS NECESSARY.
9. ANY CHANGE IN THE FIELD CONDITIONS SHOULD BE REPORTED TO THE ENGINEER TO INSURE THAT ANY ANY MODIFICATIONS TO THE ORIGINAL DESIGN ARE PROPER AND ADEQUATE TO SERVE THE PROJECT'S NEEDS, AND COMPLY WITH THE APPLICABLE STANDARDS AND REGULATIONS.

GENERAL UTILITY NOTES:

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION SHALL BE TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE WORK.
3. THE CONTRACTOR SHALL COORDINATE ALL STREET WORK WITH THE WEYMOUTH DEPARTMENT OF PUBLIC WORKS.
4. THE CONTRACTOR SHALL EXCAVATE THE UTILITY TRENCHES IN THE LOCATIONS SHOWN ON THE PLAN PRIOR TO COMMENCING WORK TO VERIFY THE ELEVATIONS AND LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER WITH THE RESULTS PRIOR TO COMMENCING ANY WORK.
5. ALL WATER AND FIRE SERVICES SHALL BE INSTALLED WITH 5' OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE.
6. THE LOCATION AND SIZES OF THE DOMESTIC WATER AND FIRE SERVICES SHALL BE PROVIDED DURING FINAL DESIGN AND WERE NOT SPECIFIED BY MCKENZIE ENGINEERING GROUP, INC.
7. THE DOMESTIC WATER AND FIRE SERVICES SHALL BE CEMENT LINED DUCTILE IRON PIPE (C.L.D.I.) AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED TAPPING SLEEVE, GATE VALVE AND BOX.
8. ALL WATER AND FIRE SERVICE APPURTENANCES, MATERIALS, METHODS OF INSTALLATION SHALL MEET OR EXCEED ALL LOCAL MUNICIPAL REQUIREMENTS.
9. THE FIRE SERVICE AND DOMESTIC WATER SERVICE SHALL BE ADEQUATELY PROTECTED AGAINST BACKFLOW (BACKFLOW PREVENTION) AT THE BUILDING.
10. AFTER PRESSURE TESTING AND CHLORINATION IS COMPLETED, SAMPLES SHALL BE TAKEN FROM THE FIRE SERVICE AND DOMESTIC WATER SERVICE AND SHALL BE TESTED AT 200 PSI FOR A MINIMUM OF 2 HOURS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE WEYMOUTH DEPARTMENT OF PUBLIC WORKS AT LEAST 24 HOURS PRIOR TO THE TESTING.
11. THE FIRE SERVICE AND DOMESTIC WATER SERVICE SHALL BE TESTED IN ACCORDANCE WITH DEPARTMENT OF ENVIRONMENTAL PROTECTION REGULATIONS. A MINIMUM OF 2 SEPARATE WATER SAMPLES SHALL BE TESTED AT A STATE CERTIFIED LABORATORY.
12. A MINIMUM OF 10 FEET CLEAR HORIZONTALLY SHALL BE MAINTAINED BETWEEN SANITARY SEWER SERVICES AND WATER SERVICES. WHENEVER CONDITIONS PREVENT A LATERAL SEPARATION OF 10 FEET TO A WATER SERVICE THE ELEVATION OF THE CROWN OF THE SEWER SHALL BE AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER SERVICE.
13. ALL GRAVITY SEWER PIPE SHALL BE POLYVINYL CHLORIDE (PVC) SDR-35 UNLESS OTHERWISE NOTED.
14. WHERE SANITARY SEWERS CROSS WATER MAINS, THE SEWER SHALL BE LAID AT SUCH AN ELEVATION THAT THE CROWN OF THE SEWER IS AT LEAST 18 INCHES BELOW THE INVERT OF THE WATER MAIN. IF THE ELEVATION OF THE SEWER CANNOT BE VARIED TO MEET THIS REQUIREMENT, THE WATER MAIN SHALL BE RELOCATED TO PROVIDE THIS SEPARATION OR CONSTRUCTED WITH MECHANICAL-JOINT PIPE FOR A DISTANCE OF 10 FEET ON EACH SIDE OF THE SEWER. ONE FULL LENGTH OF WATER MAIN SHALL BE CENTERED OVER THE SEWER SO THAT BOTH JOINTS WILL BE AS FAR FROM THE SEWER AS POSSIBLE. WHENEVER IT IS IMPOSSIBLE TO OBTAIN VERTICAL SEPARATION AS STIPULATED ABOVE, BOTH THE WATER MAIN AND THE SEWER MAIN SHALL BE ENCASED IN CONCRETE FOR A MINIMUM DISTANCE OF 10 FEET FROM THE CROSSING POINT OF THE OTHER PIPE AS MEASURED NORMALLY FROM ALL POINTS ALONG THE PIPE.
15. THE LOCATIONS OF PROPOSED ELECTRIC, TELEPHONE, COMMUNICATION (E.T.C.) AND FIRE SERVICES ARE APPROXIMATE. THE PROJECT ELECTRICAL ENGINEER SHALL VERIFY THESE LOCATIONS PRIOR TO THE START OF CONSTRUCTION AND SHALL COORDINATE ALL E.T.C. WORK WITH THE APPROPRIATE UTILITY COMPANIES.
16. THE PROPOSED GAS SERVICE LOCATIONS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL COORDINATE THE GAS SERVICE INSTALLATION WITH THE GAS COMPANY. THE CLIENT AND CONTRACTOR SHALL CONFIRM THE LOCATION AND SIZE OF THE PROPOSED GAS SERVICES WITH THE GAS COMPANY.
17. IF DURING THE CONSTRUCTION PROCESS THE NEED FOR EXCAVATION DEWATERING ARISES, A DEWATERING FILTER PIT SHALL BE CONSTRUCTED IN ACCORDANCE WITH APPROPRIATE STORMWATER MANAGEMENT AND ENGINEERING PRACTICES.

[illegible]

PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

PROFESSIONAL ENGINEER



APPLICANT: TRINITY GREEN
DEVELOPMENT, LLC
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

PERMIT PLAN SET

DRAWN BY:	RPL
DESIGNED BY:	RPL
CHECKED BY:	AJC
APPROVED BY:	BCM
DATE:	1/12/21
SCALE:	NOT TO SCALE
PROJECT NO.:	220-164

General Notes, Legend, & Abbreviations

DWG. NO:

C-2



CITY OF WEYMOUTH - SCHEDULE OF DISTRICT REGULATIONS

LIMITED BUSINESS B-1 / COMMERCIAL CORRIDOR OVERLAY DISTRICT - ARTICLE VIIB / WASHINGTON STREET CORRIDOR			
	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	10,000 S.F.	161,670 S.F.	161,670 S.F.
MINIMUM LOT WIDTH	100 FT.	225.88 FT.	259.07 FT.
MINIMUM FRONT YARD SETBACK	25 FT.	18.63 FT.	70 FT.
MAXIMUM FRONT YARD SETBACK	70 FT.	18.63 FT.	70 FT.
MINIMUM SIDE YARD SETBACK	10 FT.	8.6 FT.	10 FT.
MINIMUM REAR YARD SETBACK	15 FT.	6.57 FT.	29.9 FT.
MAXIMUM BUILDING HEIGHT	5 STORIES & 70 FT.	2-STORY	4-STORY
MINIMUM BUILDING HEIGHT	3 STORIES & 45 FT.	2-STORY	4-STORY
MAXIMUM LOT COVERAGE	60%	15.9%	47.2%
MAXIMUM FLOOR AREA RATIO (FAR)	1.00	--	0.98
MAXIMUM IMPERVIOUS COVERAGE	75%	65.7%	75%

ZBL 120-25.20(A) REQUIRED PARKING & 120-74(L) MINIMUM REQUIRED SPACES

COMPONENT	MINIMUM SPACES	MAXIMUM SPACES	REQUIRED (MIN.)	REQUIRED (MAX.)	PROVIDED
STUDIOS & ONE BEDROOM DWELLING UNITS 117 TOTAL UNITS	1.25 PER UNIT	1.5 PER UNIT	146.25 SPACES	175.5 SPACES	157 SPACES
ALL OTHER RESIDENTIAL DWELLING UNITS 43 TOTAL UNITS	1.5 PER UNIT	2.0 PER UNIT	64.5 SPACES	86 SPACES	75 SPACES
RETAIL 4,000 SF	1 SPACE FOR EACH 200 SF OF GROSS FLOOR AREA ON FIRST FLOOR	--	20 SPACES	20 SPACES	30 SPACES
			231 SPACES	282 SPACES	262 SPACES (96 EXTERIOR) (166 INTERIOR)

ZBL 120-25.17(C) ADDITIONAL REQUIREMENTS WHEN ABUTTING A RESIDENTIAL USE

BUFFER COMPONENT	REQUIRED	PROPOSED
NO BUILD / NO PARK BUFFER	20 FT.	20 FT.
WALL HEIGHT (MIN)	6 FT.	N/A
SHADE TREES (MIN PER 100')	5	5
UNDERSTORY TREES (MIN PER 100')	4	4
SHRUBS (MIN PER 100')	40	40
SHRUB HEIGHT (MIN)	4 FT.	4 FT.



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ASSESSORS PARCEL 29-329-9-0
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WEYMOUTH, MASSACHUSETTS

PROFESSIONAL ENGINEER:



APPLICANT:
TRINITY GREEN DEVELOPMENT, LLC
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

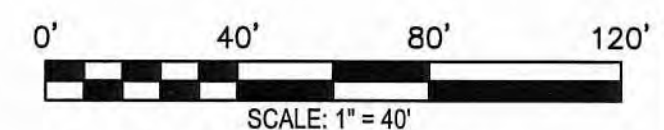
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DESIGNED BY: RPL
CHECKED BY: AJC
APPROVED BY: BCM
DATE: 1/12/21
SCALE: 1"=40'
PROJECT NO.: 220-164
DWG. TITLE:

Site Layout Plan

DWG. NO.:

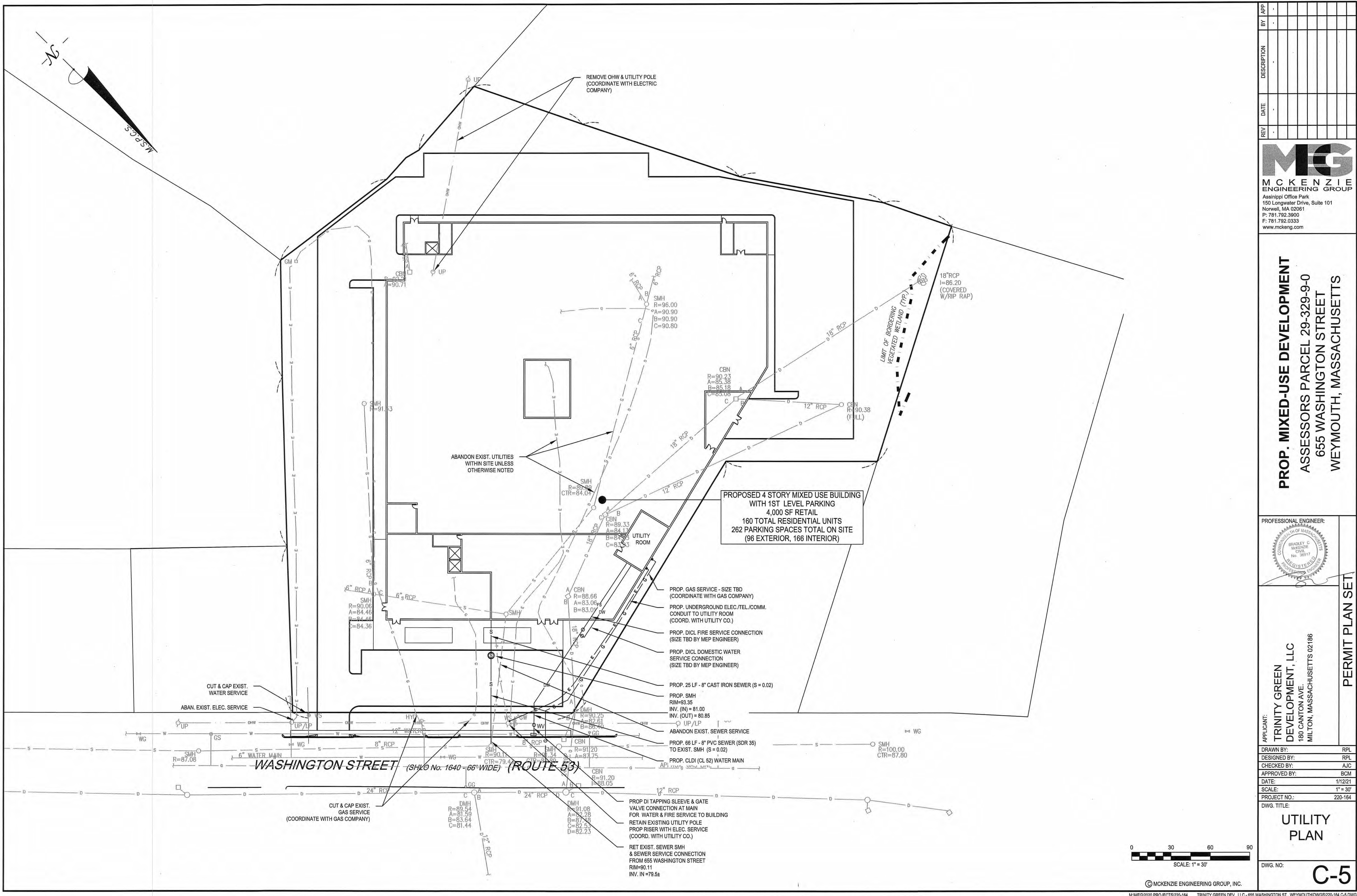
C-3

PERMIT PLAN SET



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DATE

DESCRIPTION

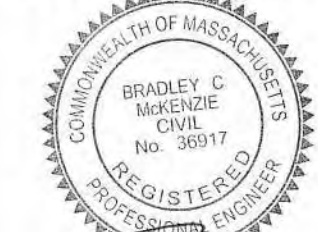
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APP

MEG
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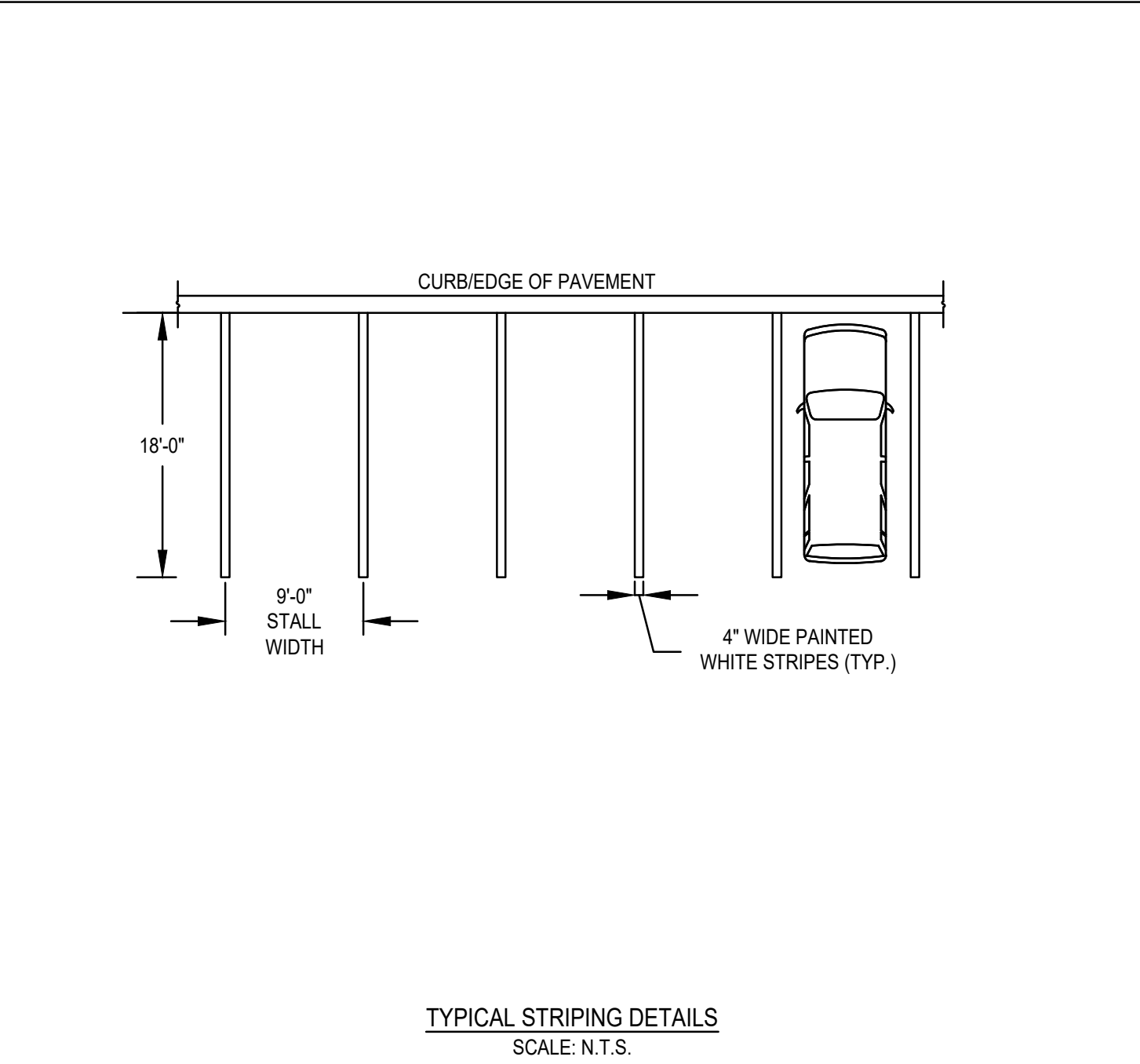
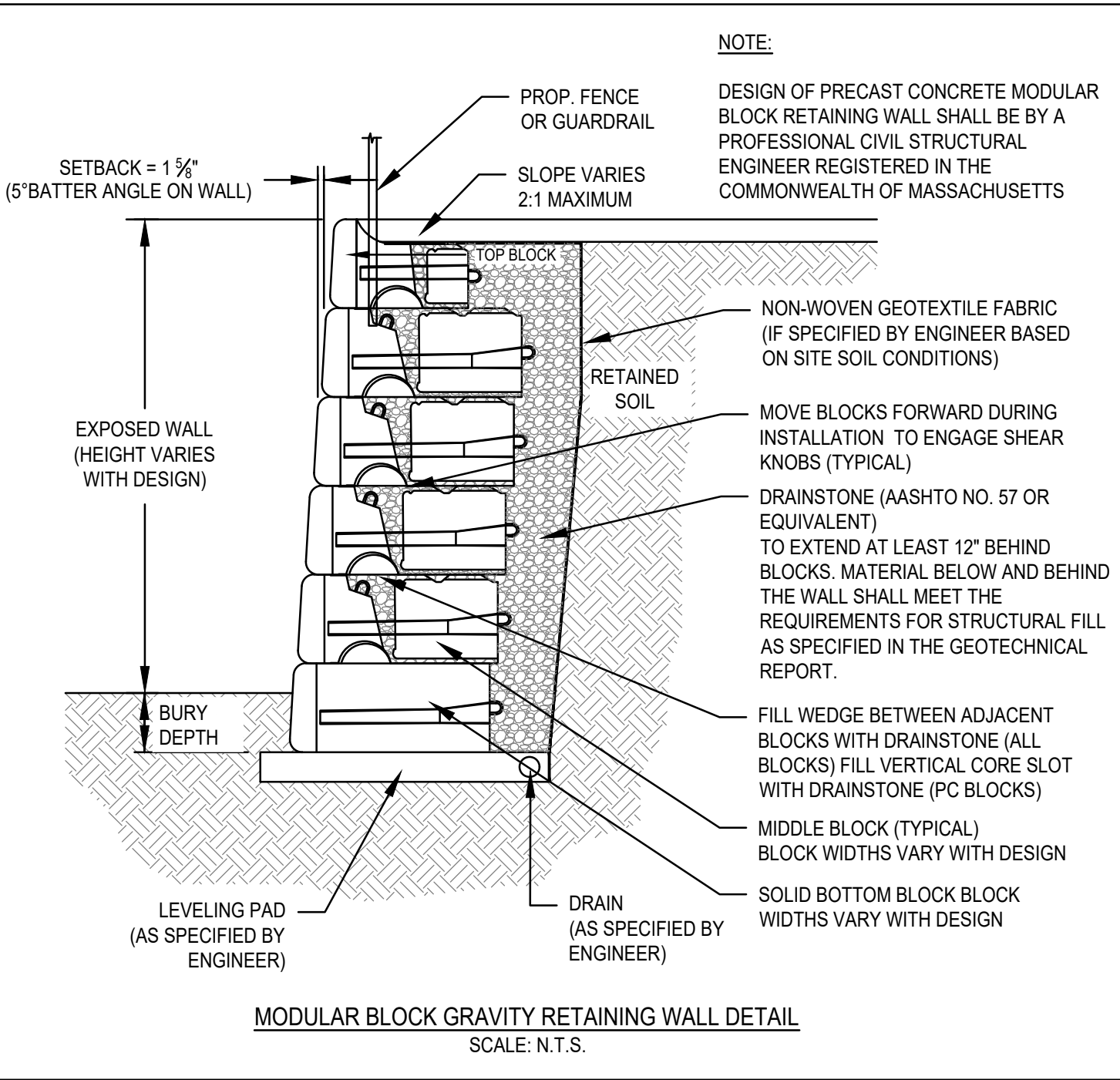
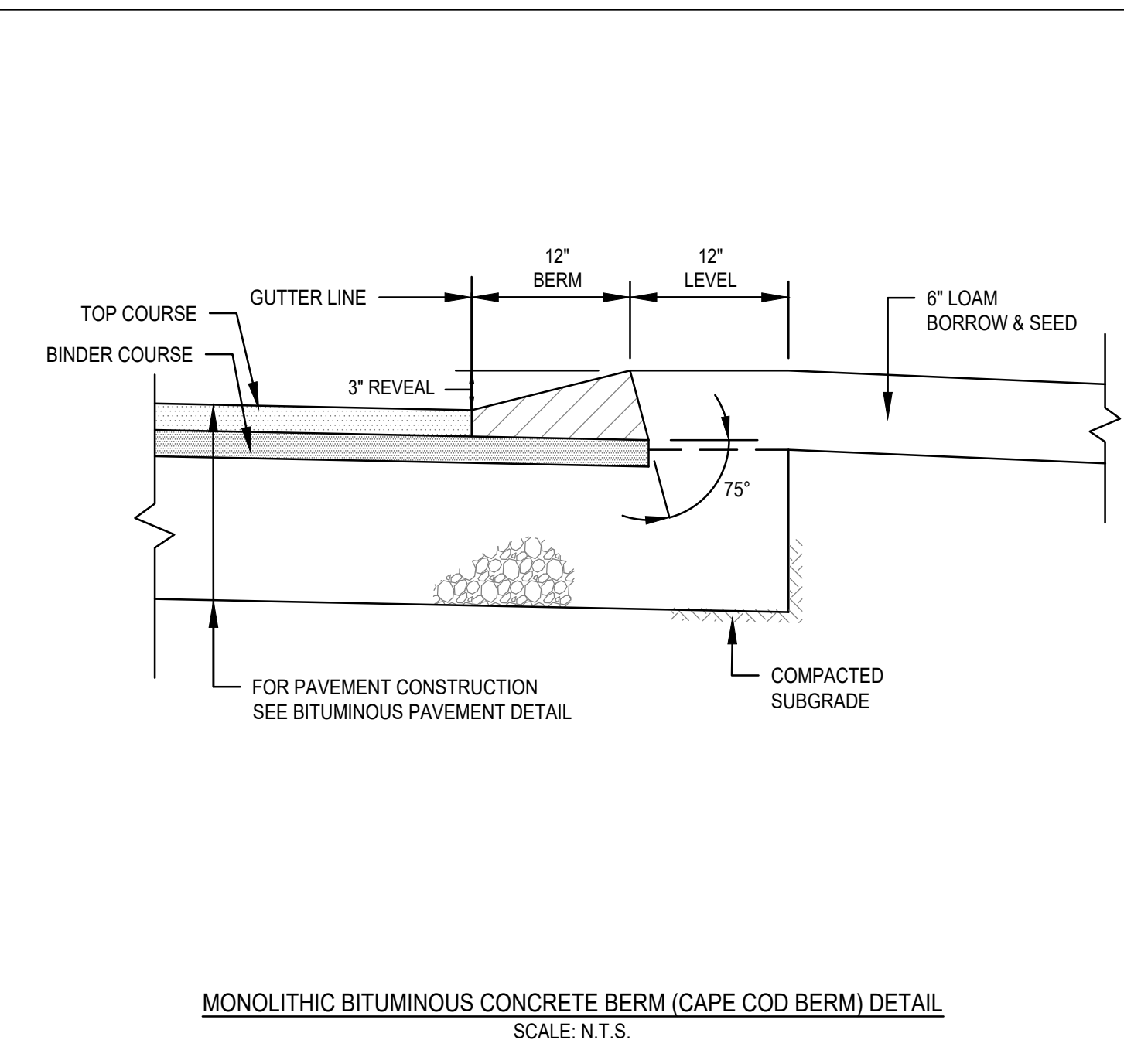
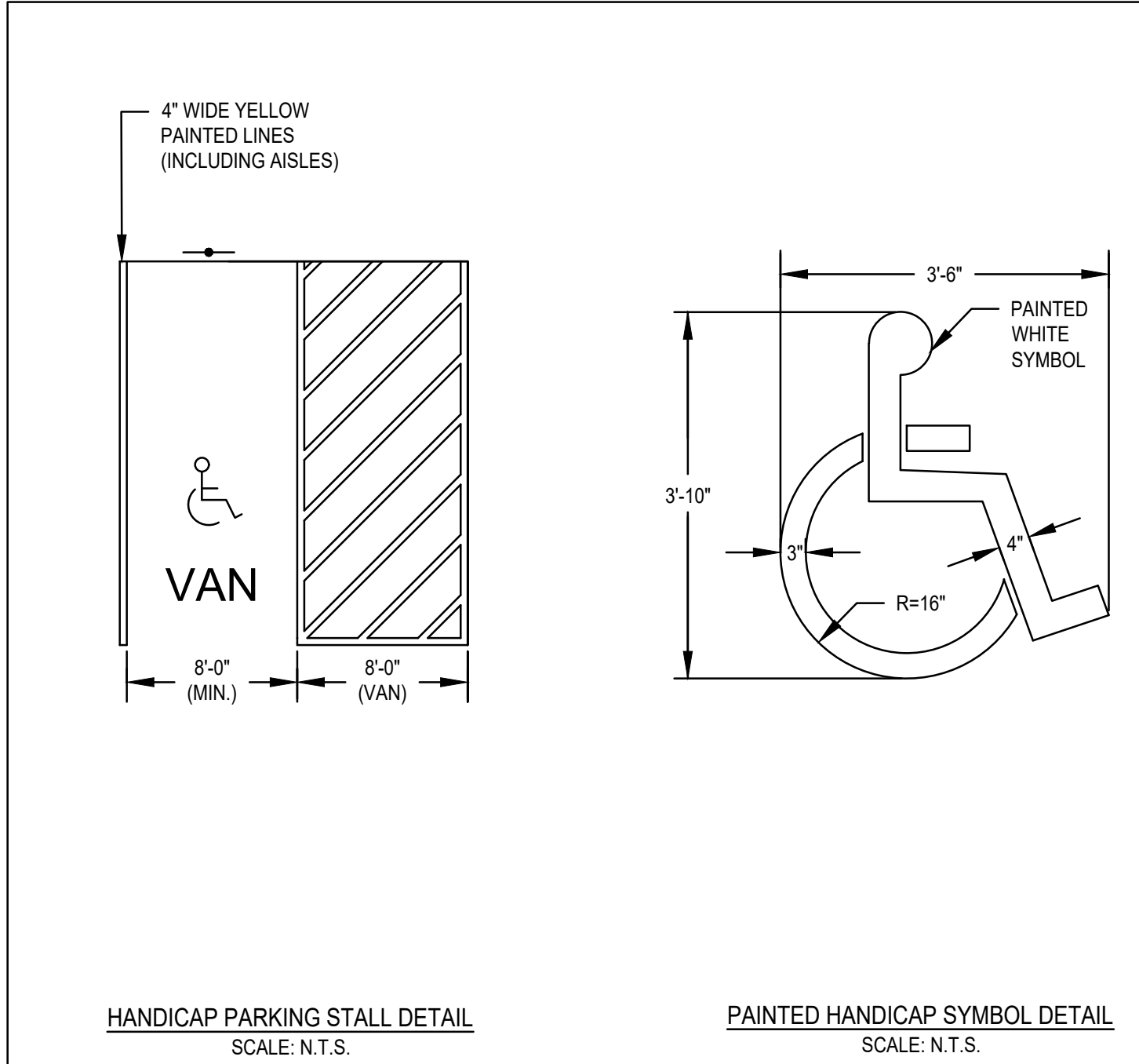
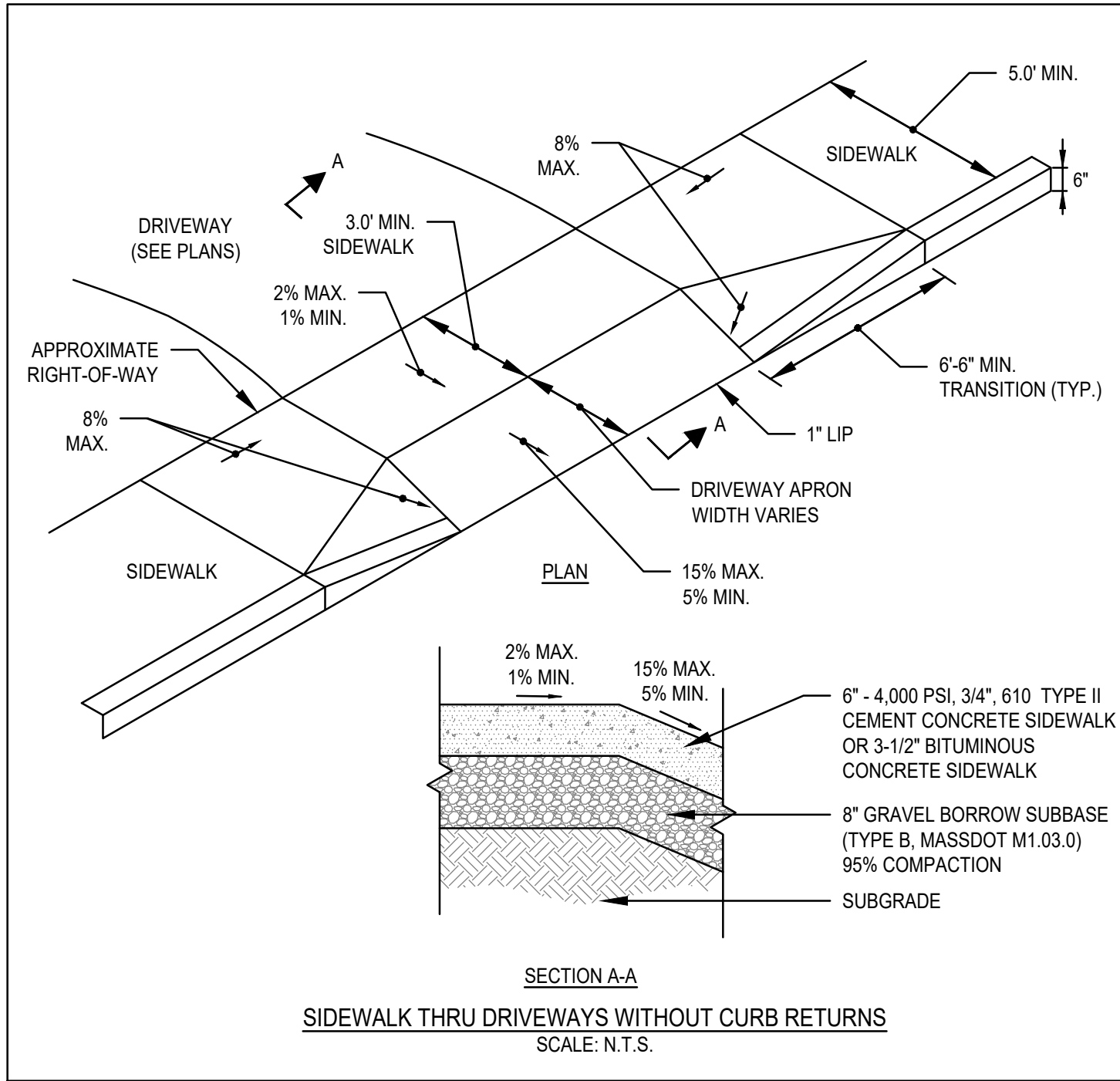
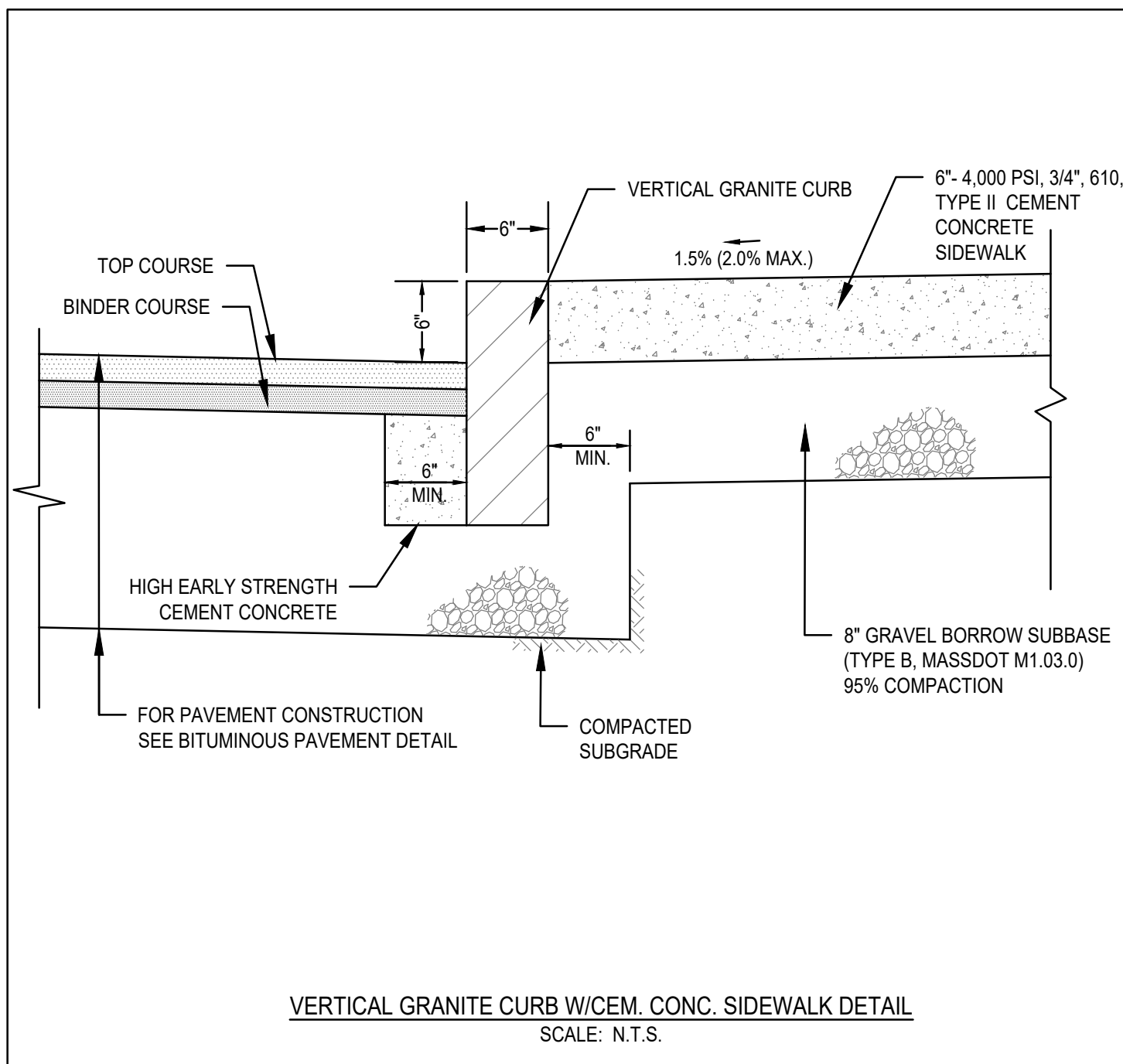
PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

PROFESSIONAL ENGINEER:


APPLICANT:
**TRINITY GREEN
DEVELOPMENT, LLC**
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

PERMIT PLAN SET

DRAWN BY: RPL
DESIGNED BY: RPL
CHECKED BY: AJC
APPROVED BY: BCM
DATE: 1/12/21
SCALE: 1" = 30'
PROJECT NO.: 220-164
DWG. TITLE:
**UTILITY
PLAN**
DWG. NO.:
C-5



SEEDING SPECIFICATIONS

SEEDING RECOMMENDATIONS

1. SEEDBED PREPARATION

A. SURFACE AND SEEPAGE WATER SHOULD BE DRAINED OR DIVERTED FROM THE SITE TO PREVENT DROWNING OR WINTER KILLING OF THE PLANTS.

B. STONES LARGER THAN FOUR INCHES AND TRASH SHOULD BE REMOVED BECAUSE THEY INTERFERE WITH SEEDING AND FUTURE MAINTENANCE OF THE AREA. WHERE FEASIBLE, THE SOIL SHOULD BE TILLED TO A DEPTH OF ABOUT FOUR INCHES TO PREPARE A SEEDBED AND MIX FERTILIZER AND LIME INTO THE SOIL. THE SEEDBED SHOULD BE LEFT IN A REASONABLY FIRM AND SMOOTH CONDITION. THE LAST TILLAGE OPERATION SHOULD BE PERFORMED ACROSS THE SLOPE WHEREVER PRACTICAL.

2. ESTABLISHING A STAND

A. LIME AND FERTILIZER SHOULD BE APPLIED PRIOR TO OR AT THE TIME OF SEEDING AND INCORPORATED INTO THE SOIL. KINDS AND AMOUNTS OF LIME AND FERTILIZER SHOULD BE BASED ON EVALUATION OF SOIL TESTS. WHEN A SOIL TEST IS NOT AVAILABLE, THE FOLLOWING MINIMUM AMOUNTS SHOULD BE APPLIED:

AGRICULTURAL LIMESTONE:	2 TONS PER ACRE OR 100 LBS. PER SQ. FT.
NITROGEN (N):	50 LBS. PER ACRE OR 1.1 LBS. PER 1000 SQ. FT.
PHOSPHATE (P O):	100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.
POTASH (K O):	100 LBS. PER ACRE OR 2.2 LBS. PER 1000 SQ. FT.

(NOTE: THIS IS THE EQUIVALENT OF 500 LBS. PER ACRE OF 10-20-20 FERTILIZER OR 1,000 LBS. PER ACRE OF 5-10-10 FERTILIZER)

B. SEED SHOULD BE SPREAD UNIFORMLY BY THE METHOD MOST APPROPRIATE FOR THE SITE. METHODS INCLUDE BROADCASTING, DRILLING, AND HYDROSEEDING. WHERE BROADCASTING IS USED, COVER SEED WITH 0.25 INCH OF SOIL OR LESS, BY CULTIVATING OR RAKING.

C. REFER TO SEEDING RATES AND SEEDING GUIDES FOR APPROPRIATE SEED MIXTURES AND RATES OF SEEDING.

D. WHEN SEEDED AREAS ARE MULCHED, PLANTINGS MAY BE MADE FROM EARLY SPRING TO EARLY OCTOBER. WHEN SEEDED AREAS ARE NOT MULCHED, PLANTINGS SHOULD BE MADE FROM EARLY SPRING TO MAY 20 OR FROM AUGUST 10 TO SEPTEMBER 1.

3. MULCH

A. HAY, STRAW, OR OTHER MULCH, WHEN NEEDED, SHOULD BE APPLIED IMMEDIATELY AFTER SEEDING.

B. MULCH WILL BE HELD IN PLACE USING TECHNIQUES AS SPECIFIED IN THE "BEST MANAGEMENT PRACTICES OPERATION AND MAINTENANCE PLAN"

4. MAINTENANCE TO ESTABLISH A STAND

A. PLANTED AREAS SHOULD BE PROTECTED FROM DAMAGE BY FIRE, GRAZING, TRAFFIC, AND DENSE WEED GROWTH.

B. FERTILIZATION NEEDS SHOULD BE DETERMINED BY ONSITE INSPECTIONS. SUPPLEMENTAL FERTILIZER IS USUALLY THE KEY TO FULLY COMPLETE THE ESTABLISHMENT OF THE STAND BECAUSE MOST PERENNIALS TAKE 2 TO 3 YEARS TO BECOME ESTABLISHED.

C. IN WATERWAYS, CHANNELS, OR SWALES WHERE UNIFORM FLOW CONDITIONS ARE ANTICIPATED OCCASIONAL MOWING MAY BE NECESSARY TO CONTROL GROWTH OF WOODY VEGETATION.

NOTES:

- TOP OF LOAM (TOPSOIL) IS FINISHED GRADE.
- TOPSOIL SHALL CONTAIN BETWEEN 5% AND 12% ORGANIC MATTER AND SHALL HAVE A MAXIMUM STONE SIZE OF 3/4" AND SHALL CONFORM TO THE FOLLOWING GRADATION:

SIEVE	% PASSING
1 1/4 INCH	100
No. 4	85-100
No. 40	60-85
No. 100	38-60
No. 200	28-40

SEEDING RATES

	POUND / ACRE	POUNDS / 1,000 S.F.
A. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
RED TOP	2	0.05
TOTAL	42	0.95
B. TALL FESCUE	15	0.35
CREeping RED FESCUE	10	0.25
BIRDSFOOT TREFOIL	15	0.35
TOTAL	40	0.95
C. TALL FESCUE	20	0.45
CREeping RED FESCUE	20	0.45
BIRDSFOOT TREFOIL	8	0.20
TOTAL	48	1.10
D. BIRDSFOOT TREFOIL	10	0.25
RED TOP	5	0.10
REED CANARY GRASS	15	0.35
TOTAL	30	0.70
E. TALL FESCUE	20	0.45
FLATPEA	30	0.75
TOTAL	50	1.20
F. CREeping RED FESCUE 1/	85	2.00
KENTUCKY BLUEGRASS 1/	85	2.00
TOTAL	170	4.00
G. TALL FESCUE 1/	150	3.60

TEMPORARY SEEDING RATES

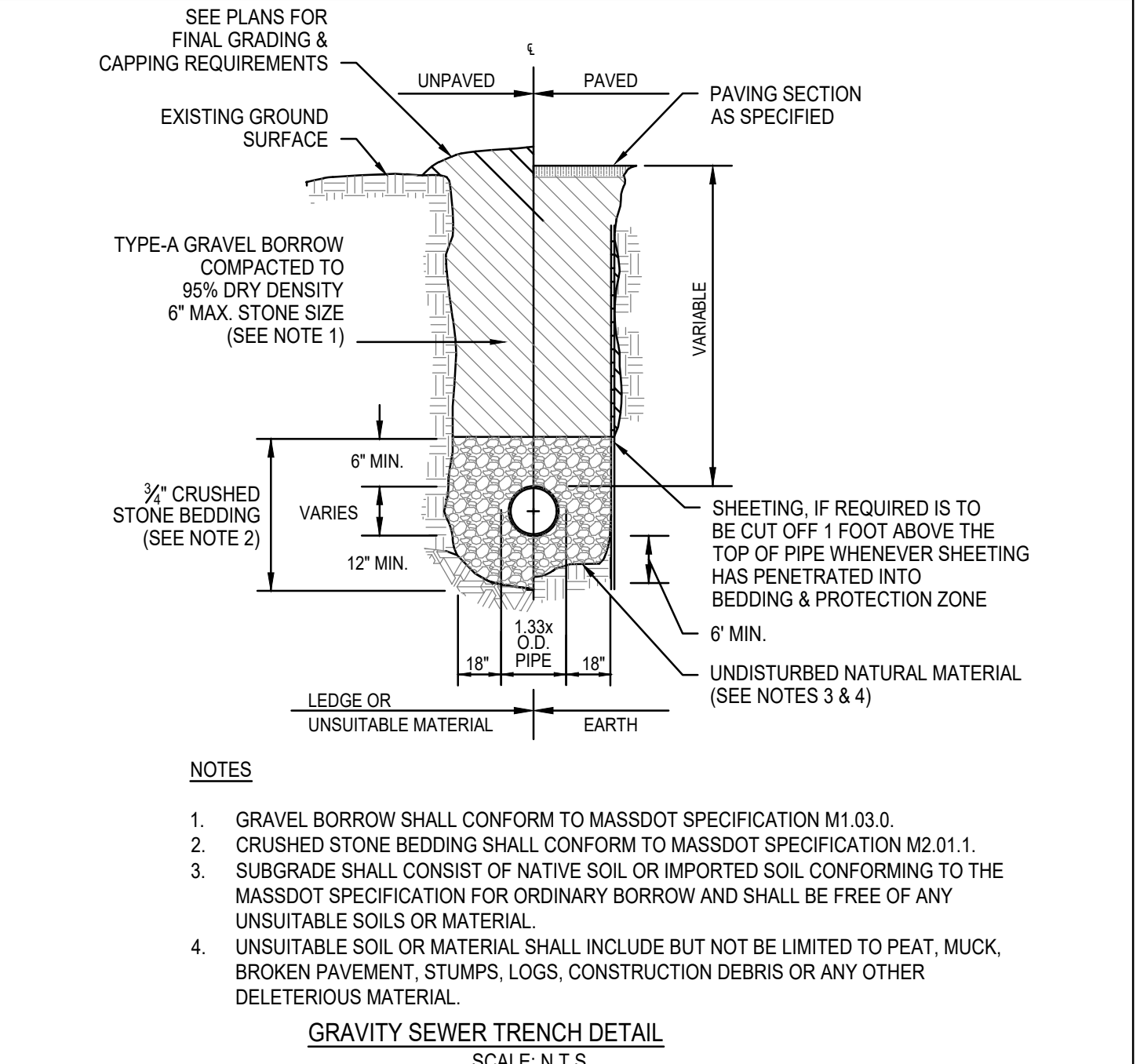
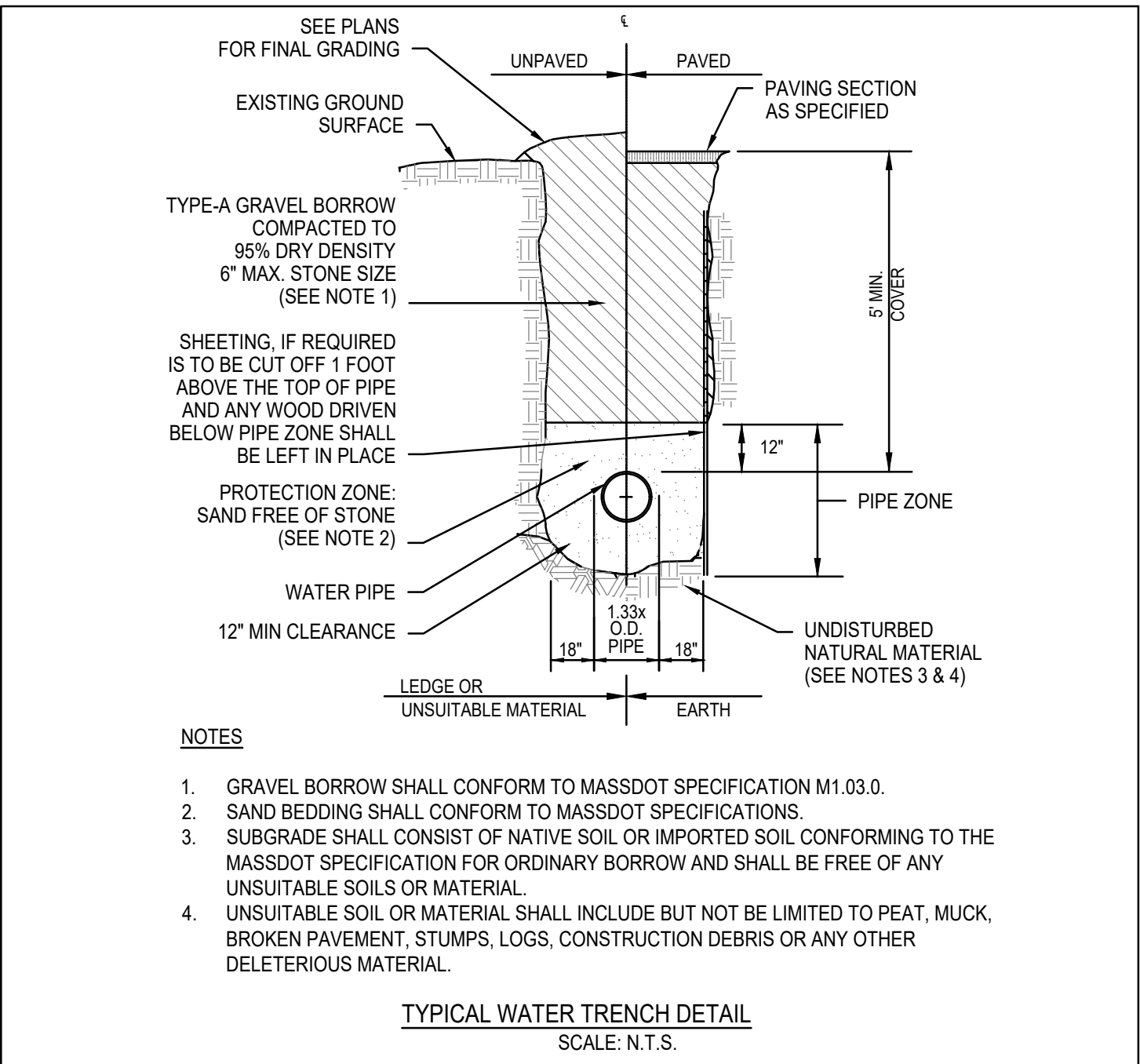
	POUND / ACRE	POUNDS / 1,000 S.F.
H. WINTER RYE	112	2.50 (BEST FOR FALL SEEDING, AUG 15 TO SEPT. 5)
OATS	80	2.00 (BEST FOR SPRING SEEDING, BEFORE MAY 15)
ANNUAL RYEGRASS	40	1.00 (BEST FOR FALL SEEDING, AUG 15 TO SEPT. 15)
TOTAL	232	5.50 (MAY BE USED EARLY SPRING ALSO)

1/ FOR HEAVY USE ATHLETIC FIELDS CONSULT THE UNIVERSITY OF NEW HAMPSHIRE COOPERATIVE EXTENSION TURF SPECIALIST FOR CURRENT VARIETIES AND SEEDING RATES.

SEEDING GUIDE

USE	SEEDING MIXTURE 1/
STEEP CUTS AND FILLS, BORROW AND DISPOSAL AREAS	E
WATERWAYS, EMERGENCY SPILLWAYS, AND OTHER CHANNELS WITH FLOWING WATER	D
LAWN AREAS	F

SEEDING OR SODDED LAWN DETAIL
SCALE: N.T.S.



PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

PERMIT PLAN SET

APPLICANT: TRINITY GREEN DEVELOPMENT, LLC
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

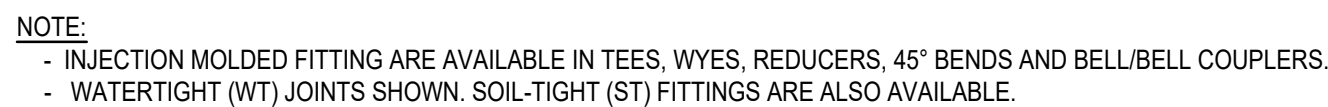
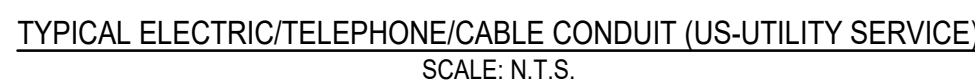
DESIGNED BY: RPL
CHECKED BY: AJO
APPROVED BY: BCM
DATE: 1/12/21
SCALE: AS NOTED
PROJECT NO.: 220-164
DWG. TITLE: Construction Details
Sheet 1 of 3

DWG. NO.: D-1

PROFESSIONAL ENGINEER:
BRADLEY C. MCKENZIE
CIVIL ENGINEER
No. 36917
EXPIRATION DATE 12/31/2024

MCKENZIE ENGINEERING GROUP
Assinippi Office Park
150 Longwater Drive, Suite 101
Norwell, MA 02061
P: 781.792.3800
F: 781.792.0333
www.mckeng.com

1. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AND STRUCTURES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED UPON AS BEING EXACT OR COMPLETE. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR MUST CONTACT THE APPROPRIATE UTILITY COMPANY, ANY GOVERNING PERMITTING AUTHORITY, AND "DIGSAFE" AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION WORK TO REQUEST EXACT FIELD LOCATION OF UTILITIES AND THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY UTILITIES INTERFERING WITH THE PROPOSED CONSTRUCTION AND APPROPRIATE REMEDIAL ACTION TAKEN BEFORE PROCEEDING WITH THE WORK. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLAN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING AND MAINTAINING ALL CONTROL POINTS AND BENCHMARKS NECESSARY FOR THE WORK.
3. THE CONTRACTOR SHALL EXCAVATE THE TEST PITS IN THE LOCATIONS SHOWN ON THE PLAN PRIOR TO COMMENCING WORK TO VERIFY THE ELEVATIONS AND LOCATIONS OF EXISTING UTILITIES. THE CONTRACTOR SHALL PROVIDE THE OWNER AND ENGINEER WITH THE RESULTS PRIOR TO COMMENCING ANY WORK.
4. ALL WATER SERVICES SHALL BE INSTALLED WITH 5' OF COVER EXCEPT AS NOTED OR DETAILED OTHERWISE.
5. DOMESTIC WATER SERVICES 2 INCHES AND SMALLER SHALL BE TYPE K COPPER TUBING AND SHALL BE INSTALLED WITH APPROPRIATELY SIZED CORPORATION STOP WITH APPROVED SADDLE, CURB STOP, GATE AND BOX.
6. SEE SHEET D-4 FOR WEYMOUTH WATER DEPT. CONSTRUCTION DETAILS.
7. THE CONTRACTOR SHALL PROVIDE INLET PROTECTION, SUCH AS SILT SACKS, AT ALL CATCH BASINS TO PREVENT SEDIMENT FROM ENTERING THE EXTENDED DETENTION WETLAND AREA. INLET PROTECTION WILL ALLOW THE STORM DRAIN INLETS TO BE USED BEFORE FINAL STABILIZATION.
8. THE CONTRACTOR SHALL PROVIDE SIEVE ANALYSIS SUBMITTALS TO THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION OF THE SAND/SILT MATERIAL TO BE USED.

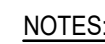


ROOF LEADER CONNECTION DETAIL
SCALE: N.T.S.



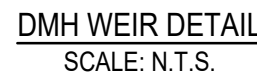
1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. MORTAR ALL PIPE CONNECTIONS. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PERFORMED BUTYL RUBBER.
4. CATCH BASIN FRAME AND GRATE SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).

CATCH BASIN W/HOOD
SCALE: N.T.S.



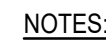
1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PREFORMED BUTYL RUBBER.
4. DRAIN MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).
5. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O.C. FOR THE FULL DEPTH OF THE STRUCTURE.

DRAIN MANHOLE DETAIL
SCALE: N.T.S.



1. EXISTING DRAIN SHALL REMAIN ACTIVE THROUGHOUT CONSTRUCTION

TYPICAL DOGHOUSE MANHOLE
SCALE: N.T.S.



1. ALL SECTIONS SHALL BE DESIGNED FOR HS-20 LOADING.
2. PROVIDE "V" KNOCKOUTS FOR PIPES WITH 2" MAX. CLEARANCE TO OUTSIDE OF PIPE. MORTAR ALL PIPE CONNECTIONS.
3. ALL EXTERIOR SURFACES SHALL BE GIVEN TWO COATS OF BITUMINOUS WATER-PROOFING MATERIAL. JOINT SEALANT BETWEEN PRECAST SECTIONS SHALL BE PERFORMED BUTYL RUBBER.
4. SEWER MANHOLE FRAME AND COVER SHALL BE SET IN FULL MORTAR BED. ADJUST TO GRADE WITH CLAY BRICK AND MORTAR (2 BRICK COURSES TYPICALLY, 5 BRICK COURSES MAXIMUM).
5. COPOLYMER MANHOLE STEPS SHALL BE INSTALLED AT 12" O. C. FOR THE FULL DEPTH OF THE STRUCTURE

TYPICAL SEWER MANHOLE
SCALE: N.T.S.



NOTES:

MANHOLE WALL AND SLAB THICKNESS ARE NOT TO SCALE

CONTACT HYDRO INTERNATIONAL FOR A BOTTOM OF STRUCTURE ELEVATION PRIOR TO SETTING FIRST DEFENSE MANHOLE.

CONTRACTOR TO CONFIRM RIM, PIPE INVERTS, PIPE DIA. AND PIPE ORIENTATION PRIOR TO RELEASING UNIT TO FABRICATION.

FIRST DEFENSE UNIT
SCALE N.T.S.

Parts List			
ITEM	QTY.	DESCRIPTION	SIZE (in)
1	1	I.D. CONCRETE MANHOLE	
2	1	INLET CHUTE (W/ FLOATABLES TRAP)	
3	1	OUTLET CHUTE	
4	1	INLET PIPE (BY OTHERS)	
5	1	OUTLET PIPE (BY OTHERS)	
6	1	HIGH FLOW BYPASS	
7	1	FRAME AND COVER (OR GRATE)	

PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

PROFESSIONAL ENGINEER



APPLICANT:

TRINITY GREEN
DEVELOPMENT, LLC
180 CANTON AVE.
MILFORD, MASSACHUSETTS 02182

180 CANTON AVE.
MILTON MASSACHUSETTS 02186

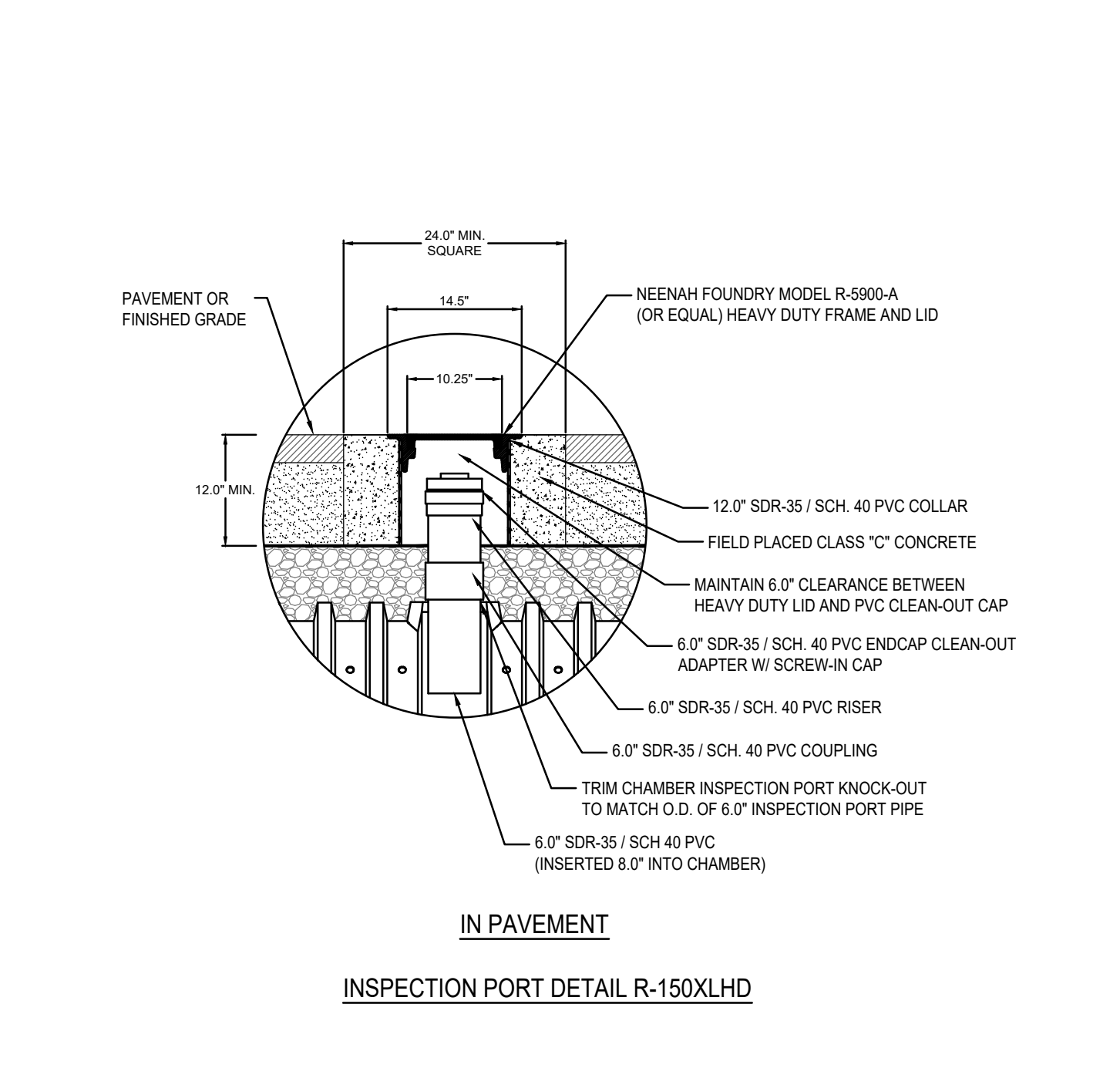
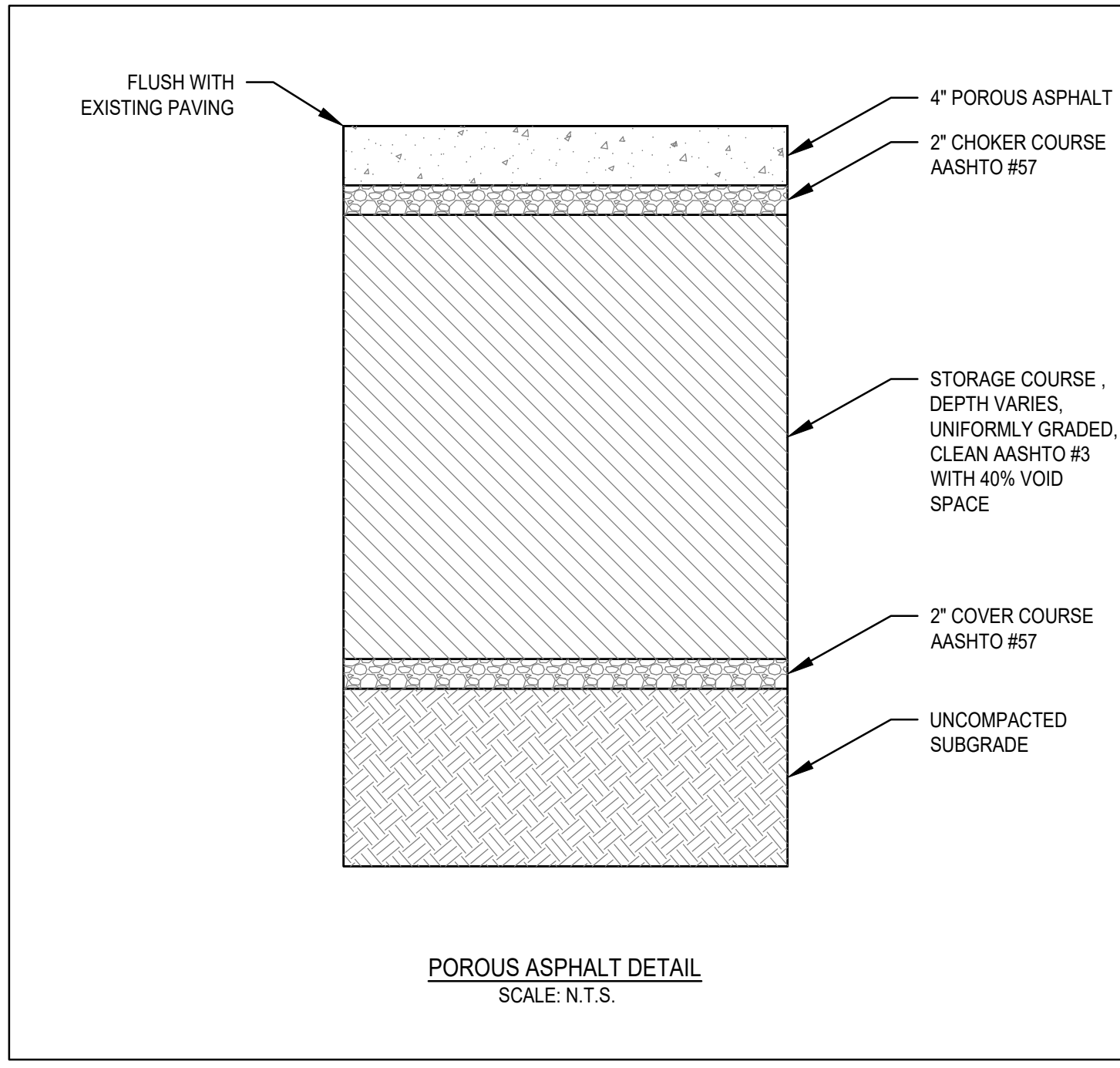
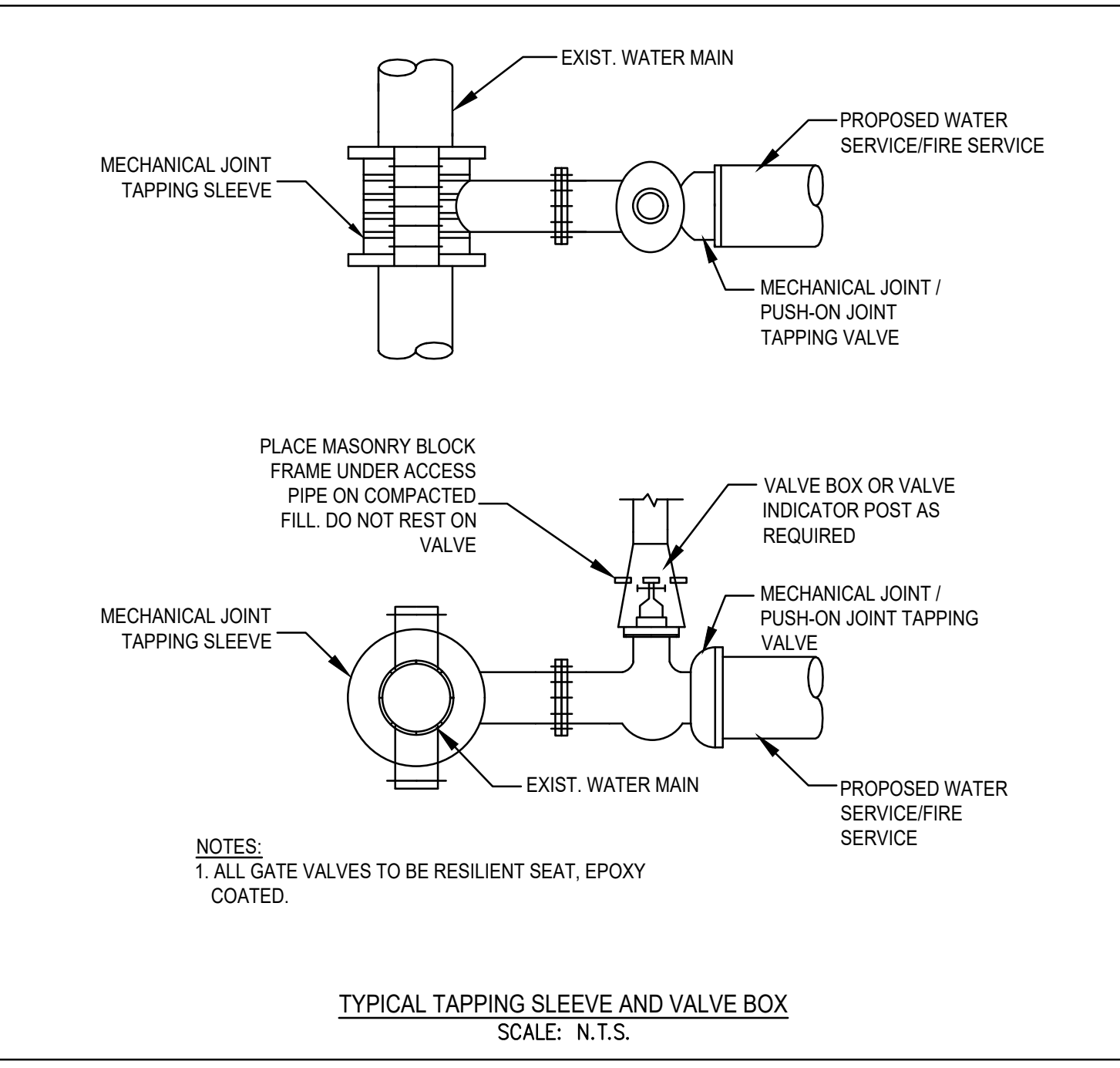
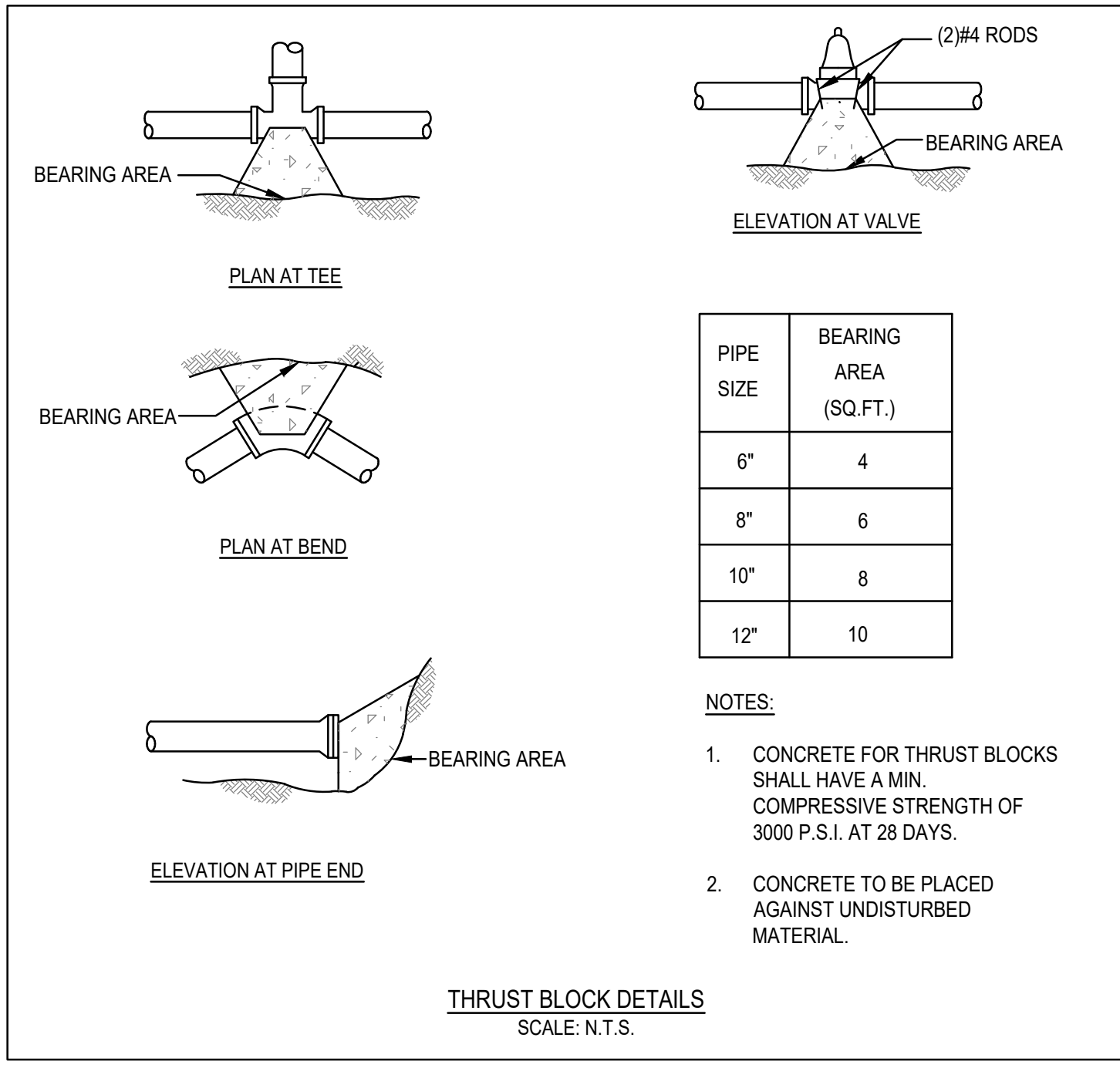
PERMIT PLAN SET

DRAWN BY:	RPL
DESIGNED BY:	RPL
CHECKED BY:	AJC
APPROVED BY:	BCM
DATE:	1/12/21
SCALE:	AS NOTED
PROJECT NO.:	220-164
DWG. TITLE:	

Construction
Details
Sheet 2 of 3

DWG. NO:

D-2

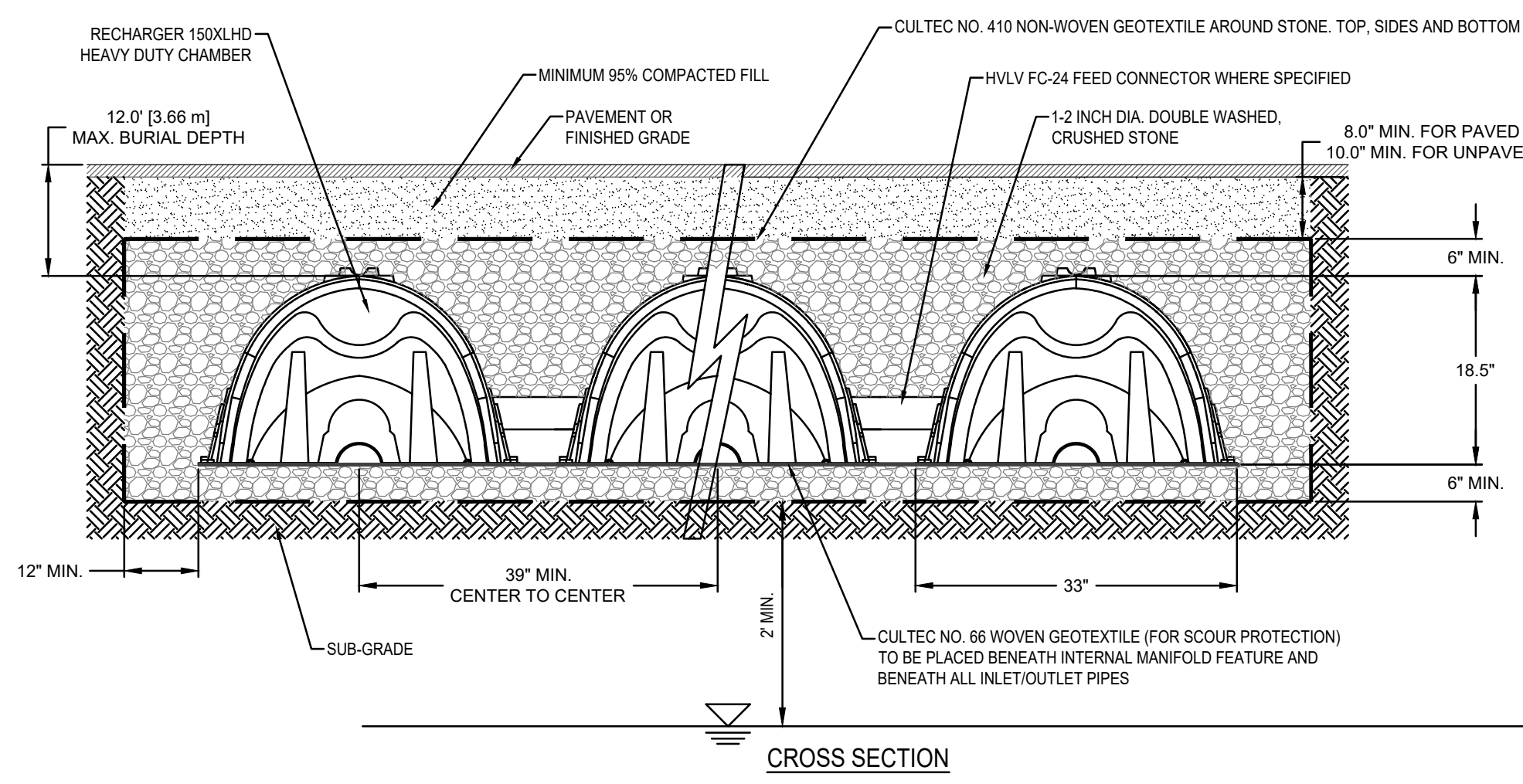
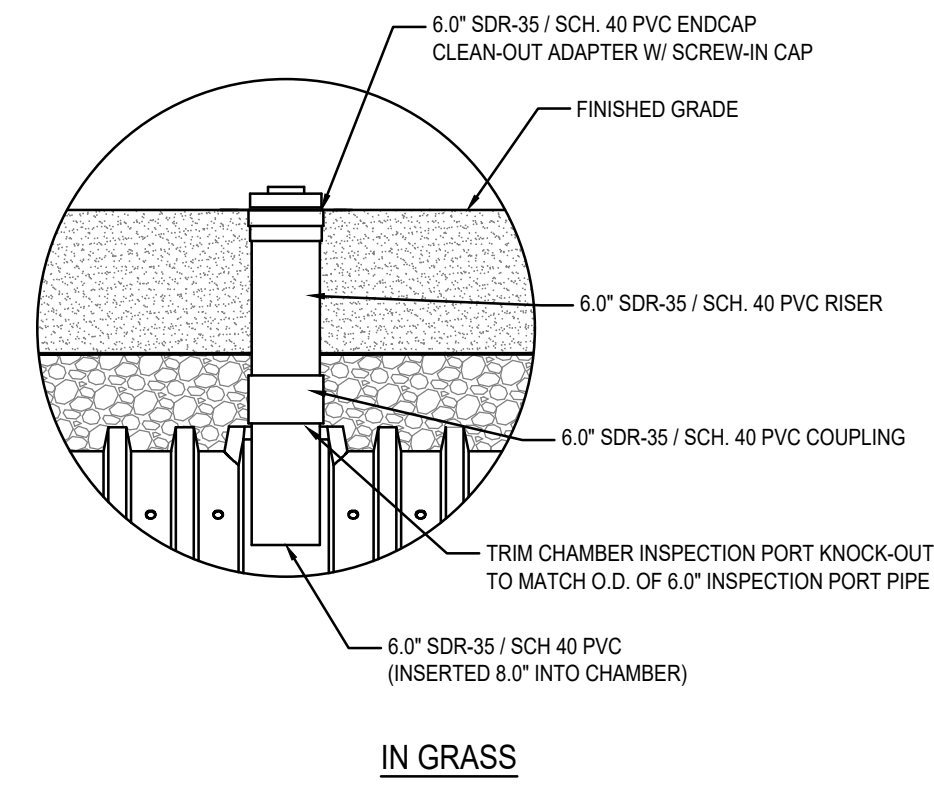


GENERAL NOTES

- RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.
- STORAGE PROVIDED = 2.65 CF/FT [0.25 m³/m] PER DESIGN UNIT.
- REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION GUIDELINES.
- THE CHAMBER WILL BE DESIGNED TO WITHSTAND TRAFFIC LOADS WHEN INSTALLED ACCORDING TO CULTEC'S RECOMMENDED INSTALLATION INSTRUCTIONS.
- ALL RECHARGER 150XLHD HEAVY DUTY UNITS ARE MARKED WITH A COLOR STRIPE FORMED INTO THE PART ALONG THE LENGTH OF THE CHAMBER.
- ALL RECHARGER 150XLHD CHAMBERS MUST BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

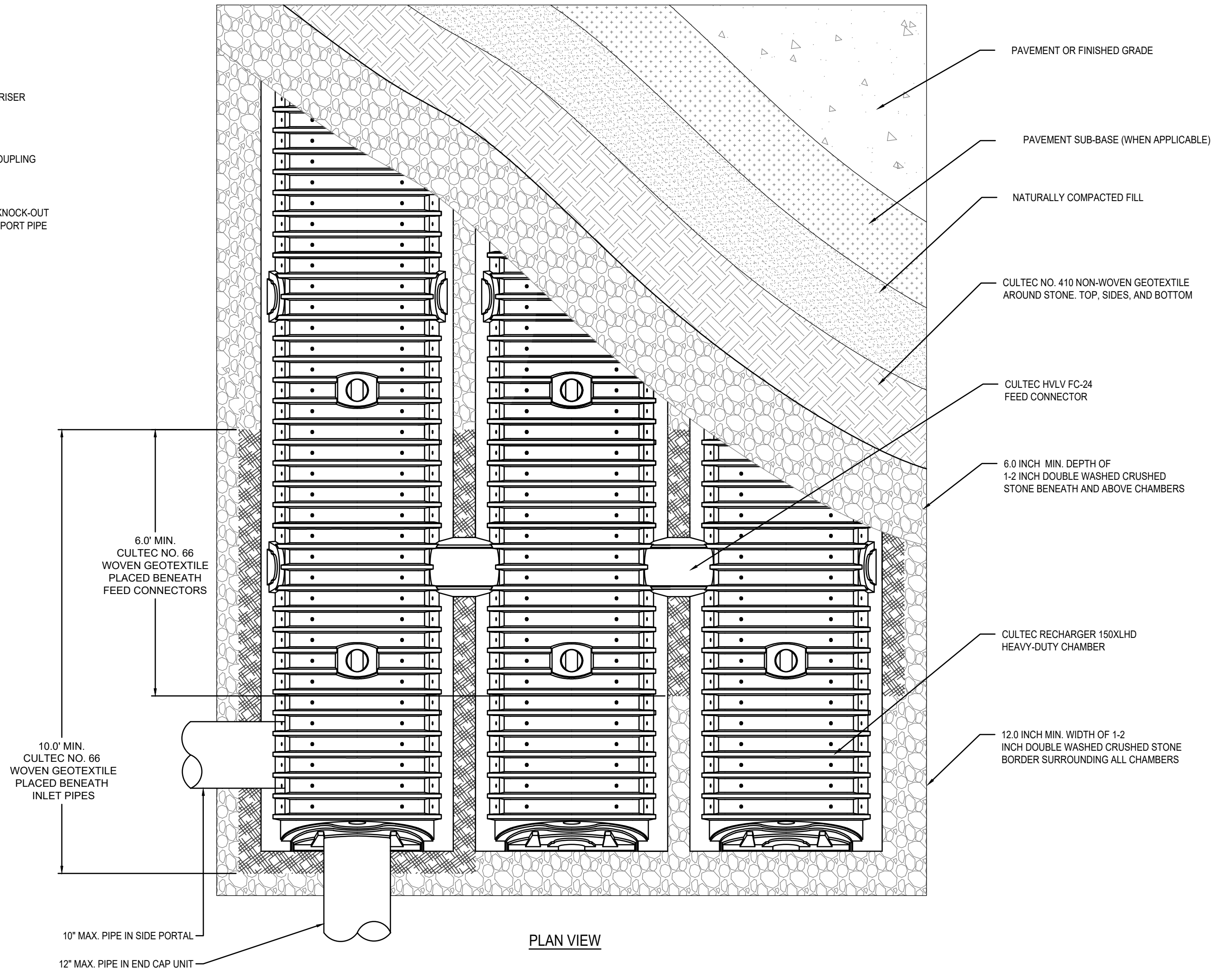
SUBSURFACE INFILTRATION SYSTEM NOTES:

- ALL CONTRIBUTING AREAS TO THE SUBSURFACE INFILTRATION SYSTEM SHALL BE FULLY STABILIZED PRIOR TO THE SYSTEM BEING PLACED INTO SERVICE.
- THE CONTRACTOR SHALL PROVIDE PROTECTION ABOVE AND AROUND THE SUBSURFACE INFILTRATION SYSTEM FROM CONSTRUCTION VEHICLE ACTIVITY, TO PREVENT ANY DAMAGE TO THE INFILTRATION FUNCTION OF THE SUBSURFACE SOILS.
- INSTALL SILT FENCE AROUND THE INFILTRATION SYSTEM AREA SO THAT NO CONSTRUCTION ACTIVITY (TRAFFIC) SHALL BE ALLOWED OVER THE INFILTRATION SYSTEM AREA.
- NO CONSTRUCTION SURFACE WATER OR DEWATERING DISCHARGES SHALL BE DISCHARGED INTO THE INFILTRATION SYSTEM AREA.



	PROPOSED SYSTEM #1 (TP#11)	PROPOSED SYSTEM #2 (TP#8)	PROPOSED SYSTEM #3 (TP#2)
TOP STONE	ELEV. 90.54	ELEV. 89.69	ELEV. 88.69
TOP CHAMBER	ELEV. 90.04	ELEV. 89.19	ELEV. 88.19
BOTTOM CHAMBER	ELEV. 88.50	ELEV. 87.65	ELEV. 86.65
BOTTOM STONE	ELEV. 88.00	ELEV. 87.15	ELEV. 86.15
GROUNDWATER	ELEV. 86.00	ELEV. 85.15	ELEV. 84.15

CULTEC RECHARGER 150XLHD SUBSURFACE INFILTRATION SYSTEM
SCALE: N.T.S.



BY APP

DESCRIPTION

DATE

REV

MG
MCKENZIE
ENGINEERING GROUP
Assinippi Office Park
150 Longwater Drive, Suite 101
Norwell, MA 02061
P: 781.792.3800
F: 781.792.0333
www.mckeng.com

PROP. MIXED-USE DEVELOPMENT
ASSESSORS PARCEL 29-329-9-0
655 WASHINGTON STREET
WEYMOUTH, MASSACHUSETTS

PROFESSIONAL ENGINEER:

APPLICANT:
TRINITY GREEN DEVELOPMENT, LLC
180 CANTON AVE.
MILTON, MASSACHUSETTS 02186

PERMIT PLAN SET

DRAWN BY: RPL
DESIGNED BY: RPL
CHECKED BY: AJO
APPROVED BY: BCM
DATE: 1/12/21
SCALE: AS NOTED
PROJECT NO.: 220-164
DWG. TITLE:

Construction Details
Sheet 3 of 3
DWG. NO. **D-3**

CONSTRUCTION SEQUENCE

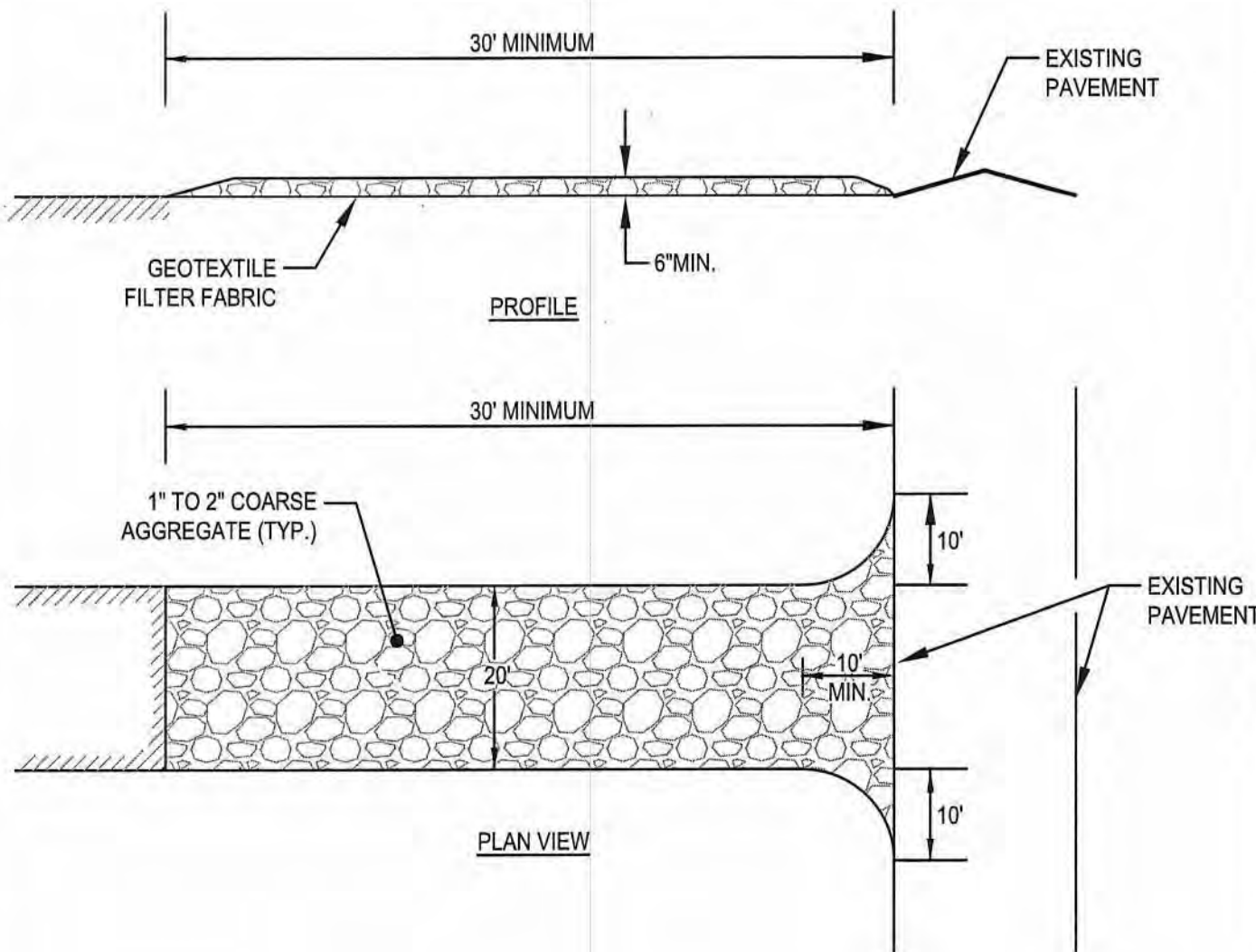
TO PREVENT EXCESSIVE EROSION AND SILTING, THE FOLLOWING CONSTRUCTION SEQUENCE COUPLED WITH OTHER WIDELY ACCEPTED PRINCIPALS FOR REDUCING EROSION AND SEDIMENTATION SHALL BE IMPLEMENTED IN THE DEVELOPMENT OF THE SITE.

1. THE CONTRACTOR SHALL COORDINATE A PRE-CONSTRUCTION MEETING PRIOR TO ANY CONSTRUCTION ACTIVITY.
2. STABILIZATION PRACTICES FOR EROSION AND SEDIMENT CONTROL SHALL BE INSTALLED PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES. REFER TO "EROSION AND SEDIMENTATION CONTROL" SECTION OF THIS PLAN. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE AT WASHINGTON STREET.
3. CLEAR AND GRUB UP AS REQUIRED FOR THE CONSTRUCTION OF THE BUILDING AND RELATED INFRASTRUCTURE.
4. EXCAVATE TOPSOIL AND SUBSOIL FROM CUT AND FILL AREAS AND STOCKPILE OFF SITE.
5. CONSTRUCT CUT AND FILL AREAS. ALL FILL WILL BE INSTALLED USING 12" MAXIMUM COMPACTION LIFTS. PLACE ALL SLOPE PROTECTION WHERE INDICATED ON THE PLAN.
6. INSTALL CLOSED DRAINAGE SYSTEM AND OTHER UTILITIES. ALL CATCH BASINS SHALL BE COVERED WITH SILT SACK OR EQUIVALENT INLET PROTECTION.
7. GRADE SITE TO SUBGRADE ELEVATIONS AND CONSTRUCT SIDE SLOPES. APPLY TEMPORARY STABILIZATION MEASURES WHERE WARRANTED. REFER TO "EROSION AND SEDIMENTATION CONTROL" SECTION OF THIS PLAN.
8. GRADE SLOPES AND STABILIZE CUT AREAS AT TOE OF SLOPES. BLEND ALL INTO EXISTING TOPOGRAPHY AND LOAM AND SEED ALL DISTURBED AREAS. SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH JUTE MESH.
9. COMPLETE FINE GRADING OF SITE AND SIDEWALK CONSTRUCTION.
10. REMOVE TEMPORARY EROSION CONTROL DEVICES ONCE ADEQUATE GROWTH IS ESTABLISHED. ADEQUATE GROWTH IS DEFINED AS VEGETATION COVERING 75% OR MORE OF THE GROUND SURFACE.

EROSION AND SEDIMENTATION CONTROL

REFER TO MASS DEP STORMWATER MANAGEMENT HANDBOOK FOR SPECIFICATIONS AND STRUCTURAL AND DUST CONTROL EROSION BEST MANAGEMENT PRACTICES.

1. STRUCTURAL PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE SILT SOCK BARRIER CONTROLS, STABILIZED CONSTRUCTION ENTRANCE, TEMPORARY DIVERSION SWALES WITH STONE CHECK DAMS, SEDIMENT BASINS, AND INLET PROTECTION SUBJECT TO CITY OF WEYMOUTH ENGINEERING APPROVAL.
2. STABILIZATION PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE TEMPORARY SEEDING, GEOTEXTILES (JUTE MESH), MULCHING, AND PERMANENT SEEDING.
3. IN GENERAL, THE SMALLEST POSSIBLE AREA OF LAND SHOULD BE EXPOSED AT ONE TIME. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHALL BE CONFINED TO A MAXIMUM PERIOD OF 3 MONTHS. LAND SHALL NOT BE EXPOSED DURING THE WINTER MONTHS. ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY AND THAT WILL BE REGRADED AT A LATER DATE SHALL BE MACHINE HAY MULCHED AND SEEDED WITH WINTER RYE TO PREVENT EROSION.



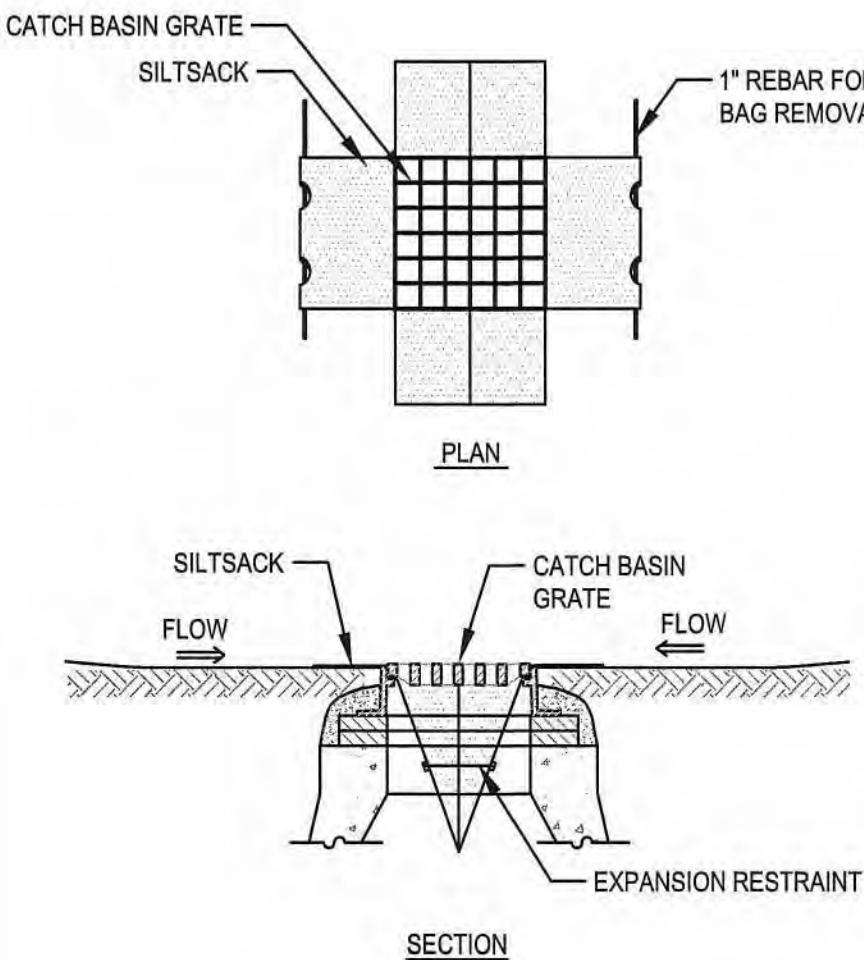
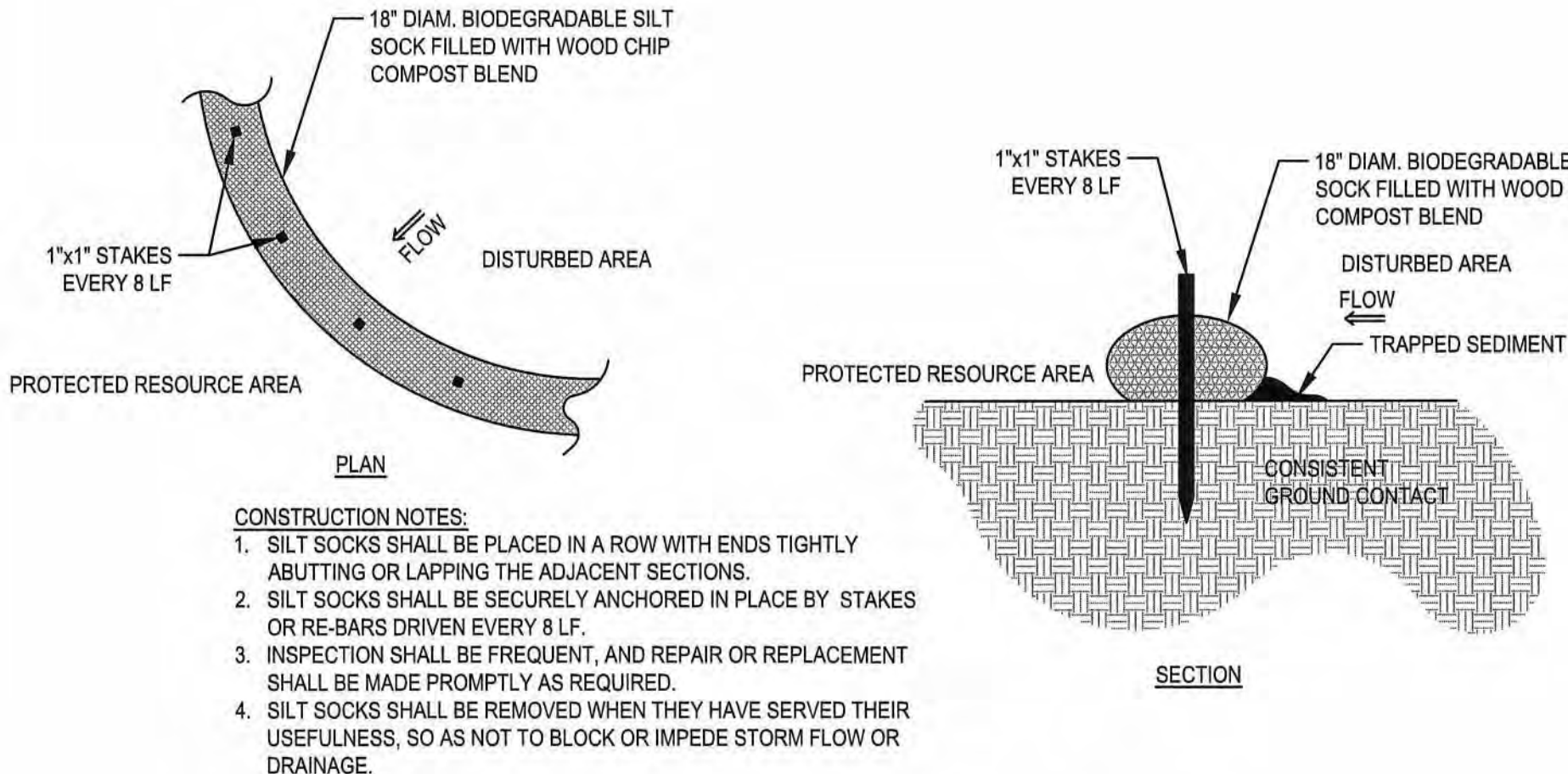
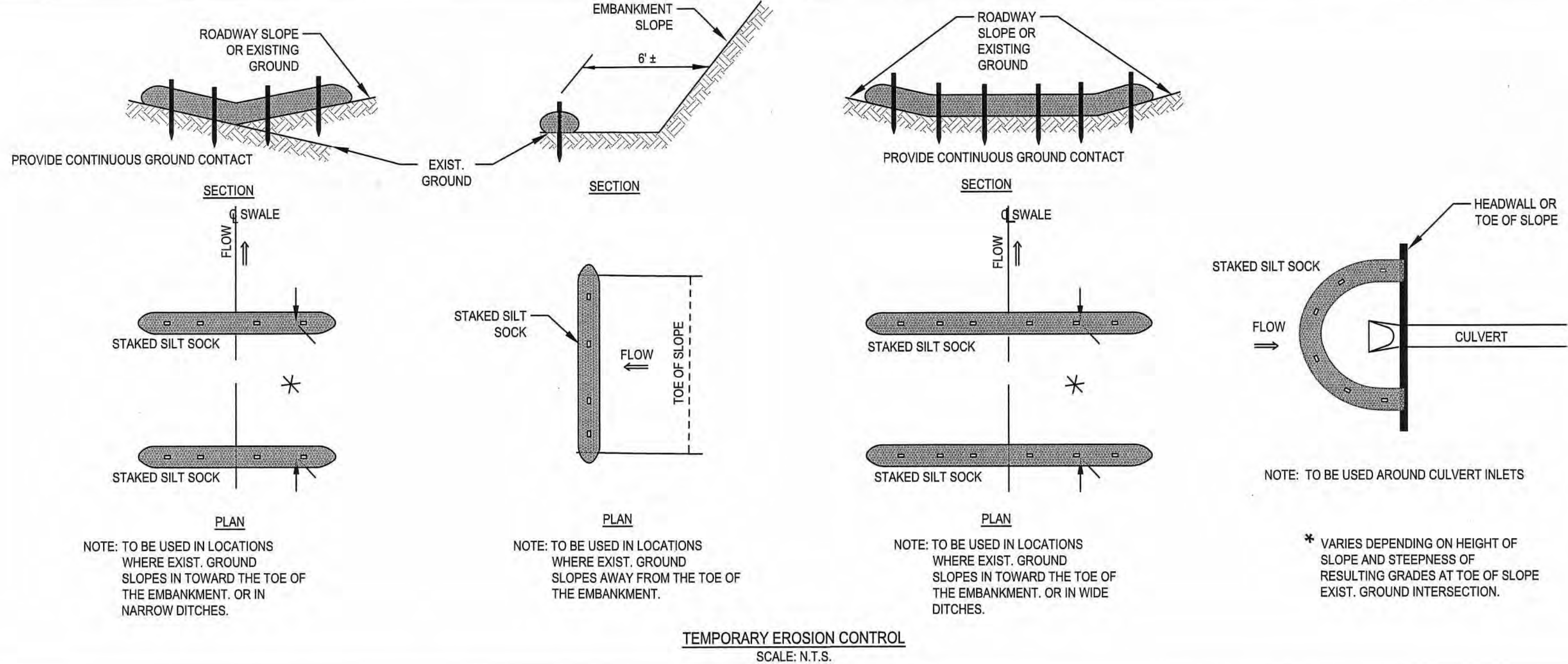
(SCE) CONSTRUCTION SPECIFICATIONS:

1. STONE FOR A STABILIZATION CONSTRUCTION ENTRANCE SHALL BE 1 TO 2 INCH STONE, RECLAIMED STONE.
2. THE LENGTH OF THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 50 FEET, EXCEPT FOR A SINGLE RESIDENTIAL LOT A 30 FOOT MINIMUM LENGTH WOULD APPLY.
3. THE THICKNESS OF THE STONE FOR THE STABILIZED ENTRANCE SHALL NOT BE LESS THAN 6 INCHES.
4. THE WIDTH OF THE ENTRANCE SHALL NOT BE LESS THAN A FULL WIDTH OF THE ENTRANCE WHERE INGRESS OR EGRESS OCCURS OR 10 FEET, WHICHEVER IS GREATER.
5. GEOTEXTILE FILTER CLOTH SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING THE STONE.
6. ALL SURFACE WATER THAT IS FLOWING TO OR DEVERTED TOWARDS THE CONSTRUCTION ENTRANCE SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES MAY BE SUBSTITUTED FOR THE PIPE.
7. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOPDRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. SEDIMENT SPILLED, WASHED, OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED PROMPTLY.

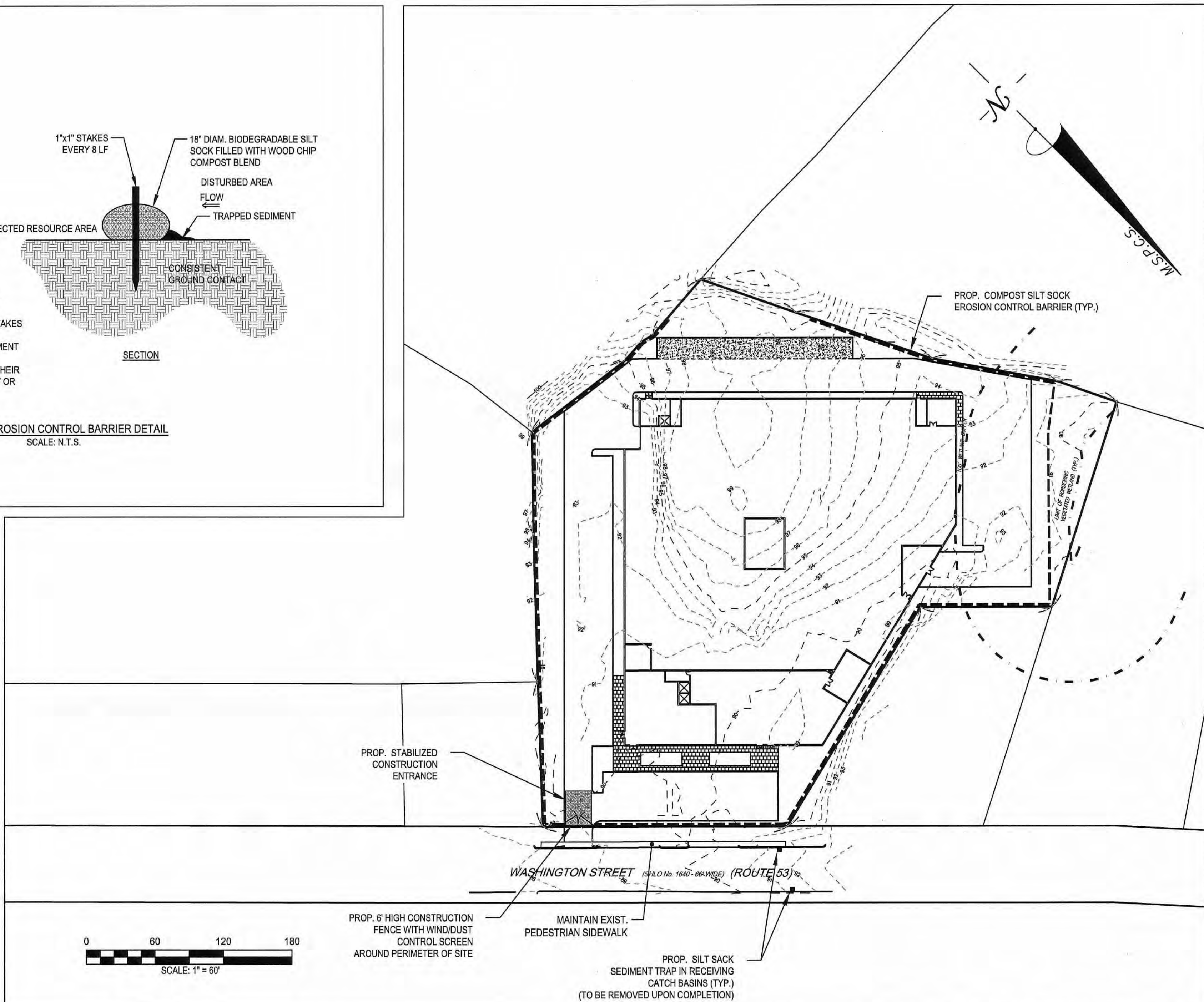
STABILIZED CONSTRUCTION ENTRANCE (SCE) DETAIL
SCALE: N.T.S.

CONSTRUCTION PHASE BMP OPERATION AND MAINTENANCE NOTES:

1. REFER TO THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED UNDER THE E.P.A. GENERAL CONSTRUCTION PERMIT PROVISIONS FOR FURTHER DETAIL OF STRUCTURAL, STABILIZATION, DUST CONTROL AND EROSION AND SEDIMENTATION CONTROL MEASURES.
2. STRUCTURAL PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE EROSION CONTROL BARRIERS, STABILIZED CONSTRUCTION ENTRANCES, TEMPORARY DIVERSION SWALES WITH CHECK DAMS, SEDIMENT BASINS, AND INLET PROTECTION.
3. STABILIZATION PRACTICES UTILIZED FOR THE PROJECT WILL INCLUDE TEMPORARY SEEDING, GEOTEXTILES (JUTE MESH), MULCHING, AND PERMANENT SEEDING.
4. OPERATOR PERSONNEL MUST INSPECT THE CONSTRUCTION SITE AT LEAST ONCE EVERY 14 CALENDAR DAYS AND WITHIN 24 HOURS OF A STORM EVENT OF 1/2 INCH OR GREATER. THE INSPECTOR SHOULD REVIEW THE EROSION AND SEDIMENTATION CONTROLS WITH RESPECT TO THE FOLLOWING:
A. WHETHER OR NOT THE MEASURE WAS INSTALLED/PERFORMED CORRECTLY.
B. WHETHER OR NOT THERE HAS BEEN DAMAGE TO THE MEASURE SINCE IT WAS INSTALLED OR PERFORMED.
C. WHAT SHOULD BE DONE TO CORRECT ANY PROBLEMS WITH THE MEASURE.
5. THE INSPECTOR SHALL COMPLETE THE INSPECTION SCHEDULE AND EVALUATION CHECKLIST FOR FINDINGS AND SHOULD REQUEST THE REQUIRED MAINTENANCE OR REPAIR. THE CHECKLIST IS PROVIDED WITHIN THE OPERATION AND MAINTENANCE PLAN.
6. THE TEMPORARY BASINS SHALL BE INSPECTED AND CLEANED IF REQUIRED PRIOR TO ANY PREDICTED LARGE STORM EVENT.



SILT SOCK SEDIMENT TRAP
SCALE: N.T.S.



REV	DATE	DESCRIPTION	BY	APP

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DRAWN BY: RPL
DESIGNED BY: RPL
CHECKED BY: AJC
APPROVED BY: BCM
DATE: 1/12/21
SCALE: AS NOTED
PROJECT NO.: 220-164
DWG. TITLE:

Erosion & Sedimentation Control Plan

DWG. NO:

ES-1

PERMIT PLAN SET