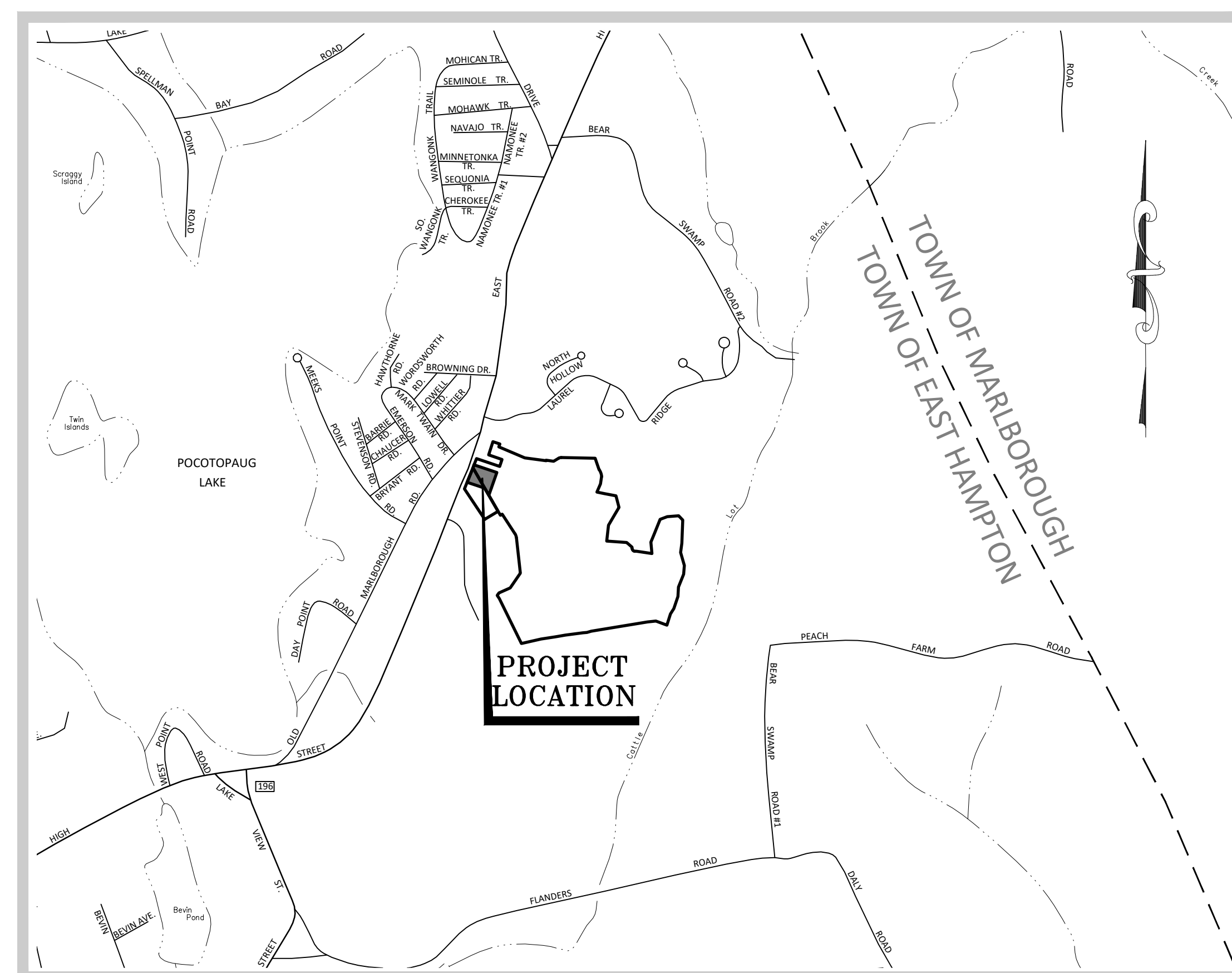


Site Development Plan Proposed Mixed Use Building (MS-2)

Prepared For
Edgewater Hill Enterprises, LLC
000 East High Street (CT Route 66)
East Hampton, Connecticut
May 2020

Revision A - Per Town Engineer's Review - 06/15/2020



Site Location Map
Scale: 1" = 1,000'

Index To Drawings

Sheet No.	Sheet Title
1	Cover Sheet
2	Improvement Location and Topographic Survey
3	Site Layout Plan
4	Site Grading Plan
5	Site Stormwater and Utilities Plan
6	Site Lighting and Landscaping Plan
7	Logistics and Erosion & Sedimentation Control Plan
8	Erosion & Sedimentation Control Notes and Details
9	Notes and Details (1)
10	Notes and Details (2)
11	Notes and Details (3)
12	Notes and Details (4)

"APPROVED BY THE TOWN OF EAST HAMPTON PLANNING AND ZONING COMMISSION"

SIGNATURE OF CHAIRMAN OR SECRETARY _____ DATE _____

"APPROVED BY THE TOWN OF EAST HAMPTON INLAND WETLANDS AND WATERCOURSES COMMISSION"

SIGNATURE OF CHAIRMAN OR SECRETARY _____ DATE _____

Applicants/Property Owners:

Edgewater Hill Enterprises, LLC
138 East High Street
East Hampton, CT 06424

Edgewater Hill Enterprises, LLC
138 East High Street
East Hampton, CT 06424

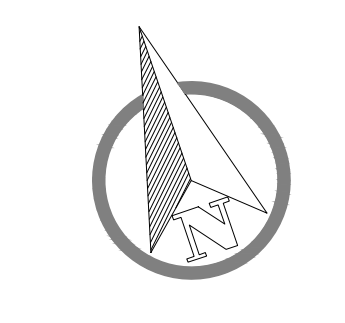
Property Info:

000 East High Street
Assessor's ID: 10A/85/5C
Area: 59.41± Acres

128 East High Street
Assessor's ID: 10A/85/10
Area: 1.47± Acres

FOR PERMITTING
06/15/2020

"TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."



SCALE: 1" = 20'
 DATE: May 2020
 JOB I.D. NO.: 20-2795-2
 Revisions
 Rev. A - Per Town Engineer's Review - 06/15/2020

SHEET NO.
 2

SURVEY NOTES

- THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300B-1 THROUGH 20-300B-20 AND THE "STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 29, 2019. IT IS AN IMPROVEMENT LOCATION AND TOPOGRAPHIC SURVEY AND CONFORMS TO HORIZONTAL CLASS A-2 AND TOPOGRAPHIC CLASS T-2 ACCURACY STANDARDS. IT IS INTENDED TO BE USED FOR SITE DEVELOPMENT.
- NORTH ORIENTATION DEPICTED HEREON IS (NAD83) BASED UPON REFERENCE MAP A.
- VERTICAL DATUM DEPICTED HEREON IS BASED UPON REFERENCE MAP A.
- THE LOCATIONS OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON THE LOCATION OF ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED BY OTHERS. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. ALL SUBTERANEAN FEATURES AND IMPROVEMENTS MAY NOT BE DEPICTED OR NOTED HEREON. THE LOCATIONS OF UNDERGROUND UTILITIES/STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. ADDITIONAL BURIED UTILITIES/STRUCTURES MAY BE ENCOUNTERED. CONTACT "CALL BEFORE YOU DIG" AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION OPERATIONS.
- THE FIELD SURVEY WAS COMPLETED ON MARCH 11, 2020. LAND RECORD AND RELATED RESEARCH WAS COMPLETED ON MAY 1, 2020.

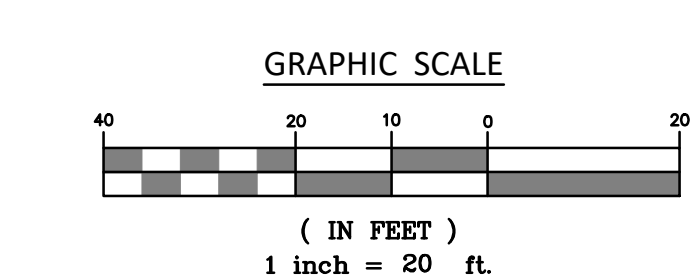
REFERENCE MAP

A. PROPERTY SURVEY "RESUBDIVISION PLAN", PREPARED FOR EDGEWATER HILL ENTERPRISES, LLC, EAST HIGH STREET - EAST HAMPTON, CONNECTICUT, SCALE: 1"=80', DATE: MAY 2020, JOB I.D. NO. 20-2795-3, SHEET 1 OF 2 THROUGH 2 OF 2, PREPARED BY BOUNDARIES, LLC.

TEST HOLE RESULTS

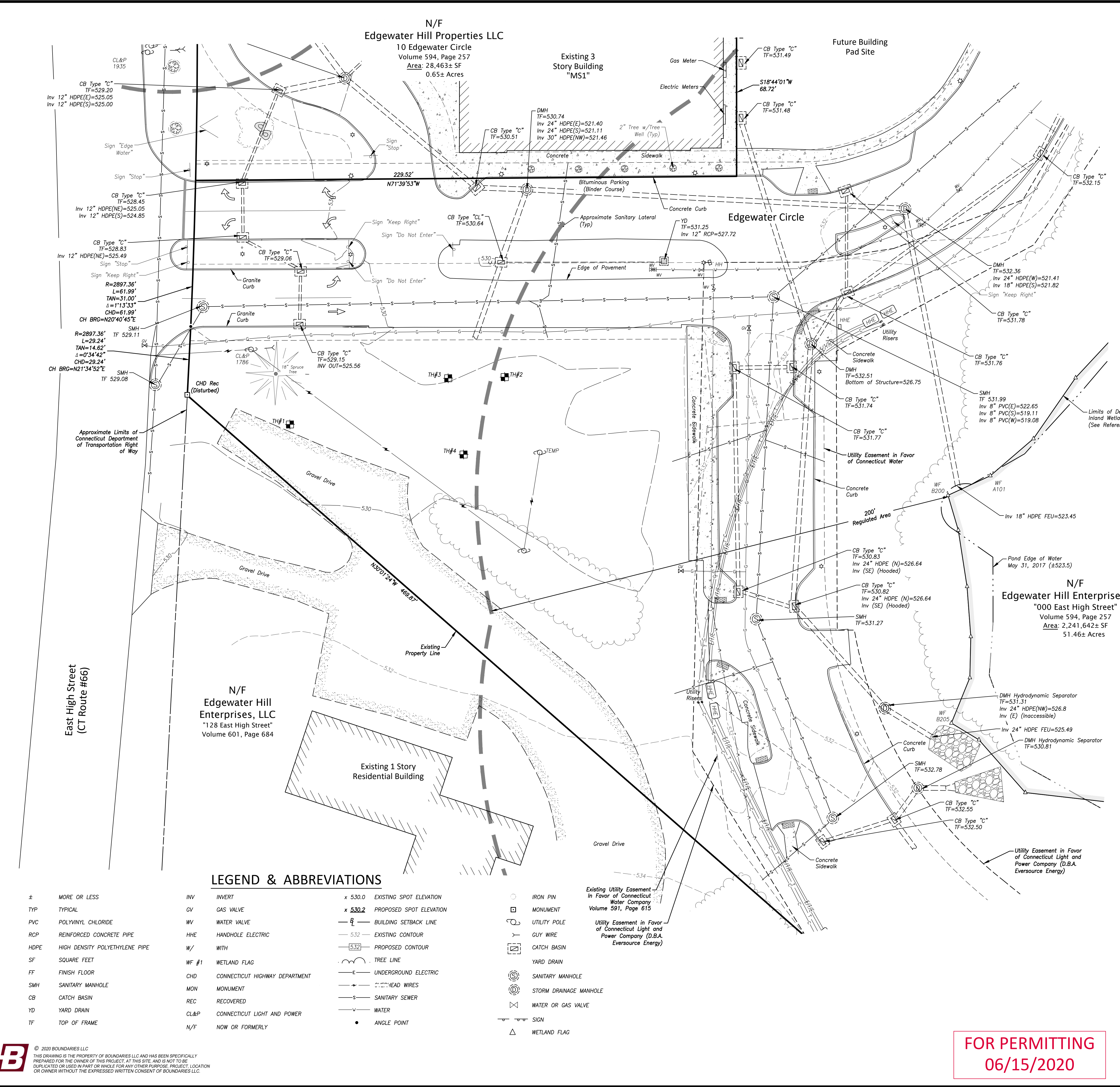
TEST HOLES WERE WITNESSED BY DAVID C. MCKAY, P.E. OF BOUNDARIES LLC ON MAY 8, 2020.

- TH#1**
 0" - 6" TOPSOIL AND BROWN GRAVELLY FILL
 6" - 14" REDDISH BROWN GRAVELLY FILL
 14" - 28" BROWN SILTY AND GRAVELLY FILL WITH ROOTS
 28" - 46" TAN TO BROWN SILTY GRAVELLY FILL WITH ORGANIC DEBRIS
 46" - 84" BROWN FINE SILTY SAND WITH TRACE GRAVEL
 GROUNDWATER AT 80" (FILLED TO 66" AFTER 1.5 HOURS), NO MOTTLING, NO LEDGE
- TH#2**
 0" - 10" BROWN GRAVELLY FILL
 10" - 17" REDDISH BROWN GRAVELLY FILL
 17" - 48" ORGANICS AND DEMOLITION DEBRIS
 GROUNDWATER AT 32", NO MOTTLING, NO LEDGE
- TH#3**
 0" - 10" BROWN GRAVELLY FILL
 10" - 14" ASPHALT
 14" - 22" BROWN SILTY GRAVELLY FILL
 22" - 62" BROWN TO GRAY COMPACT SILTY FILL WITH ORGANIC DEBRIS
 62" - 72" ORIGINAL TOPSOIL
 72" - 84" COMPACT GRAY SANDY SILT (WET)
 NO GROUNDWATER, NO MOTTLING, NO LEDGE
- TH#4**
 0" - 10" BROWN GRAVELLY FILL
 10" - 18" ORANGE BROWN GRAVELLY FILL
 18" - 62" COMPACT GRAY SILTY FILL WITH ORGANIC DEBRIS
 62" - 69" ORIGINAL TOPSOIL
 69" - 84" COMPACT GRAY SANDY SILT
 GROUNDWATER AT 48", NO MOTTLING, NO LEDGE



"TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON."

70016
 JOHN U. FAULSE JR. L.S. LICENSE NO. DATE

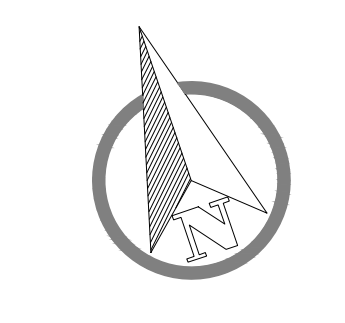


LEGEND & ABBREVIATIONS

- | | | | |
|-------------------------------------|------------------------------------|---------------------------------|--------------------------|
| ± MORE OR LESS | INV INVERT | x 530.0 EXISTING SPOT ELEVATION | ○ IRON PIN |
| TYP TYPICAL | GV GAS VALVE | x 530.2 PROPOSED SPOT ELEVATION | □ MONUMENT |
| PVC POLYVINYL CHLORIDE | WV WATER VALVE | — B BUILDING SETBACK LINE | ○ UTILITY POLE |
| RCP REINFORCED CONCRETE PIPE | HHE HANDHOLE ELECTRIC | — 532 EXISTING CONTOUR | — GUY WIRE |
| HDPE HIGH DENSITY POLYETHYLENE PIPE | W/ WITH | — 532 PROPOSED CONTOUR | □ CATCH BASIN |
| SF SQUARE FEET | WF #1 WETLAND FLAG | — TREE LINE | □ YARD DRAIN |
| FF FINISH FLOOR | CHD CONNECTICUT HIGHWAY DEPARTMENT | — UNDERGROUND ELECTRIC | ○ SANITARY MANHOLE |
| SMH SANITARY MANHOLE | MON MONUMENT | — OVERHEAD WIRES | ○ STORM DRAINAGE MANHOLE |
| CB CATCH BASIN | REC RECOVERED | — SANITARY SEWER | ○ WATER OR GAS VALVE |
| YD YARD DRAIN | CL&P CONNECTICUT LIGHT AND POWER | — WATER | — SIGN |
| TF TOP OF FRAME | N/F NOW OR FORMERLY | • ANGLE POINT | △ WETLAND FLAG |

© 2020 BOUNDARIES LLC
 THIS DRAWING IS THE PROPERTY OF BOUNDARIES LLC AND HAS BEEN SPECIFICALLY PREPARED FOR THE OWNER OF THIS PROJECT. AT THIS SITE, AND IS NOT TO BE DUPLICATED OR USED IN PART OR WHOLE FOR ANY OTHER PURPOSE. PROJECT, LOCATION OR OWNER WITHOUT THE EXPRESSED WRITTEN CONSENT OF BOUNDARIES LLC.

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SHEET NO.

3

12

ZONING COMPLIANCE
 THE SITE PLAN IS SUBSTANTIALLY COMPLIANT WITH THE EDGEWATER HILL MASTER PLAN.

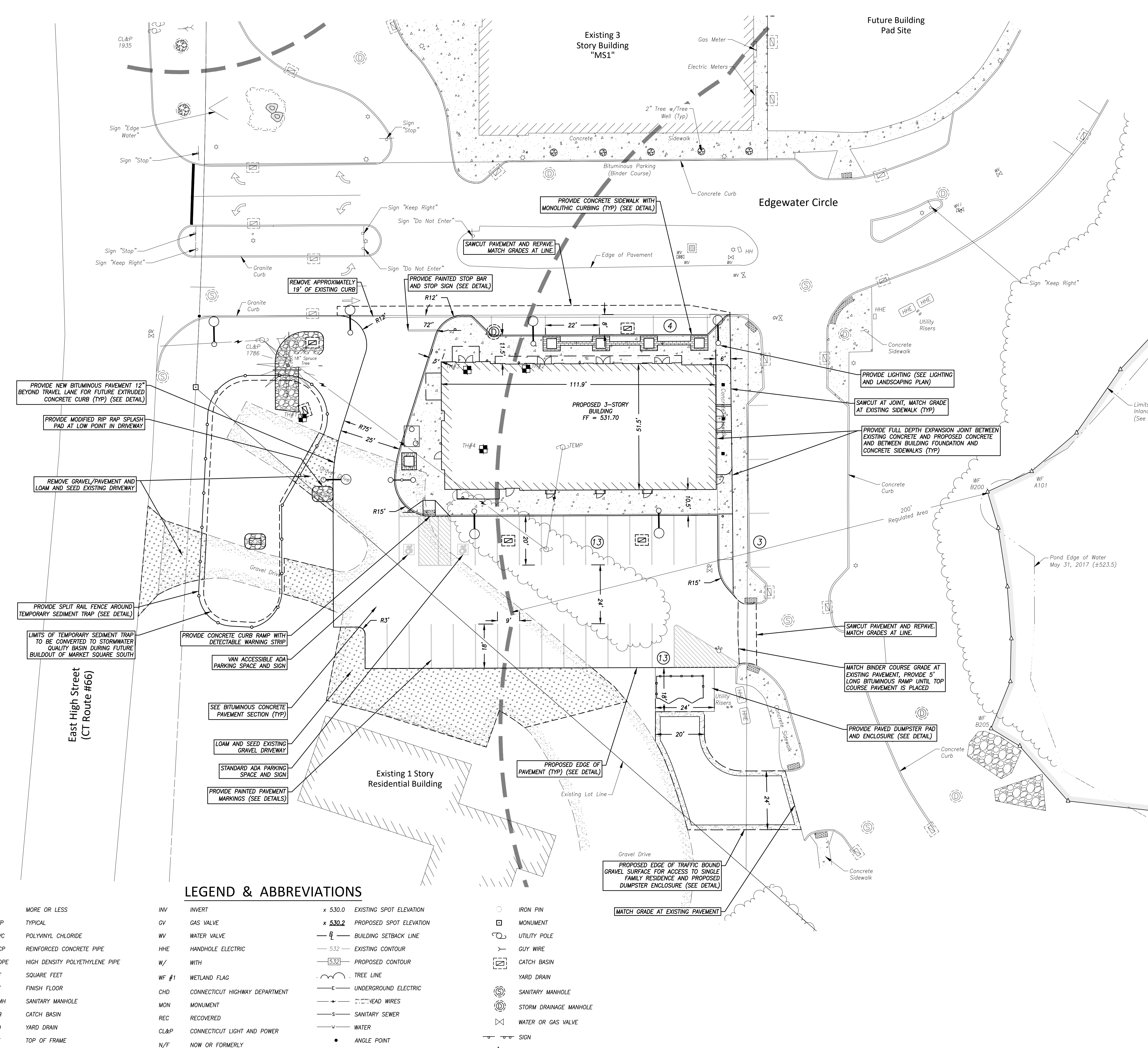
PARKING CALCULATION
 REQUIRED PARKING SPACES ARE PROVIDED IN ACCORDANCE WITH SECTION 7.1.B OF THE TOWN OF EAST HAMPTON ZONING REGULATIONS.

MULTI-FAMILY RESIDENTIAL: 1 - 2 PER DWELLING UNIT
 RETAIL: 2 - 5 PER 1,000 SF OF GFA

PROPOSED MULTI-FAMILY RESIDENTIAL UNITS = 10
 EXISTING MULTI-FAMILY RESIDENTIAL UNITS = 2
 RETAIL GFA = 4,723 SF

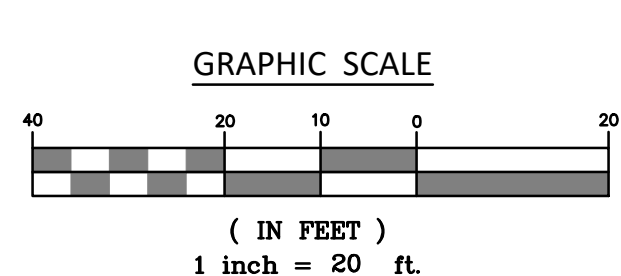
MINIMUM ALLOWABLE PARKING:
 12 UNITS x 1 SPACE/UNIT + 4,723 SF x 2 SPACES/1,000 SF = 22 SPACES
 MAXIMUM ALLOWABLE PARKING:
 12 UNITS x 2 SPACES/UNIT + 4,723 SF x 5 SPACES/1,000 SF = 48 SPACES

PARKING SPACES PROVIDED:
 33 SPACES (31 STANDARD SPACES, 1 ADA VAN ACCESSIBLE SPACE, 1 ADA ACCESSIBLE SPACE)

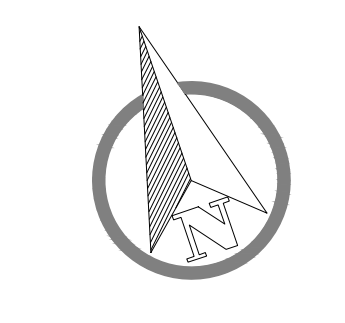


LEGEND & ABBREVIATIONS

±	MORE OR LESS	INV	INVERT	x 530.0	EXISTING SPOT ELEVATION	○	IRON PIN
TYP	TYPICAL	GV	GAS VALVE	x 530.2	PROPOSED SPOT ELEVATION	□	MONUMENT
PVC	POLYVINYL CHLORIDE	WV	WATER VALVE	— B —	BUILDING SETBACK LINE	○	UTILITY POLE
RCP	REINFORCED CONCRETE PIPE	HHE	HANDHOLE ELECTRIC	— 532 —	EXISTING CONTOUR	— x —	GUY WIRE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	W/	WITH	— 532 —	PROPOSED CONTOUR	□	CATCH BASIN
SF	SQUARE FEET	WF #1	WETLAND FLAG	— T —	TREE LINE	— D —	YARD DRAIN
FF	FINISH FLOOR	CHD	CONNECTICUT HIGHWAY DEPARTMENT	— E —	UNDERGROUND ELECTRIC	○	SANITARY MANHOLE
SMH	SANITARY MANHOLE	MON	MONUMENT	— W —	OVERHEAD WIRES	○	STORM DRAINAGE MANHOLE
CB	CATCH BASIN	REC	RECOVERED	— S —	SANITARY SEWER	○	WATER OR GAS VALVE
YD	YARD DRAIN	CL&P	CONNECTICUT LIGHT AND POWER	— V —	WATER	— S —	SIGN
TF	TOP OF FRAME	N/F	NOW OR FORMERLY	•	ANGLE POINT	△	WETLAND FLAG



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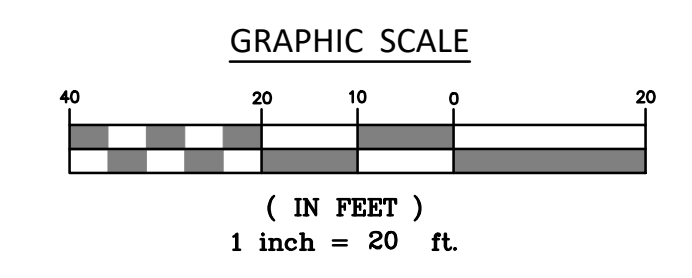
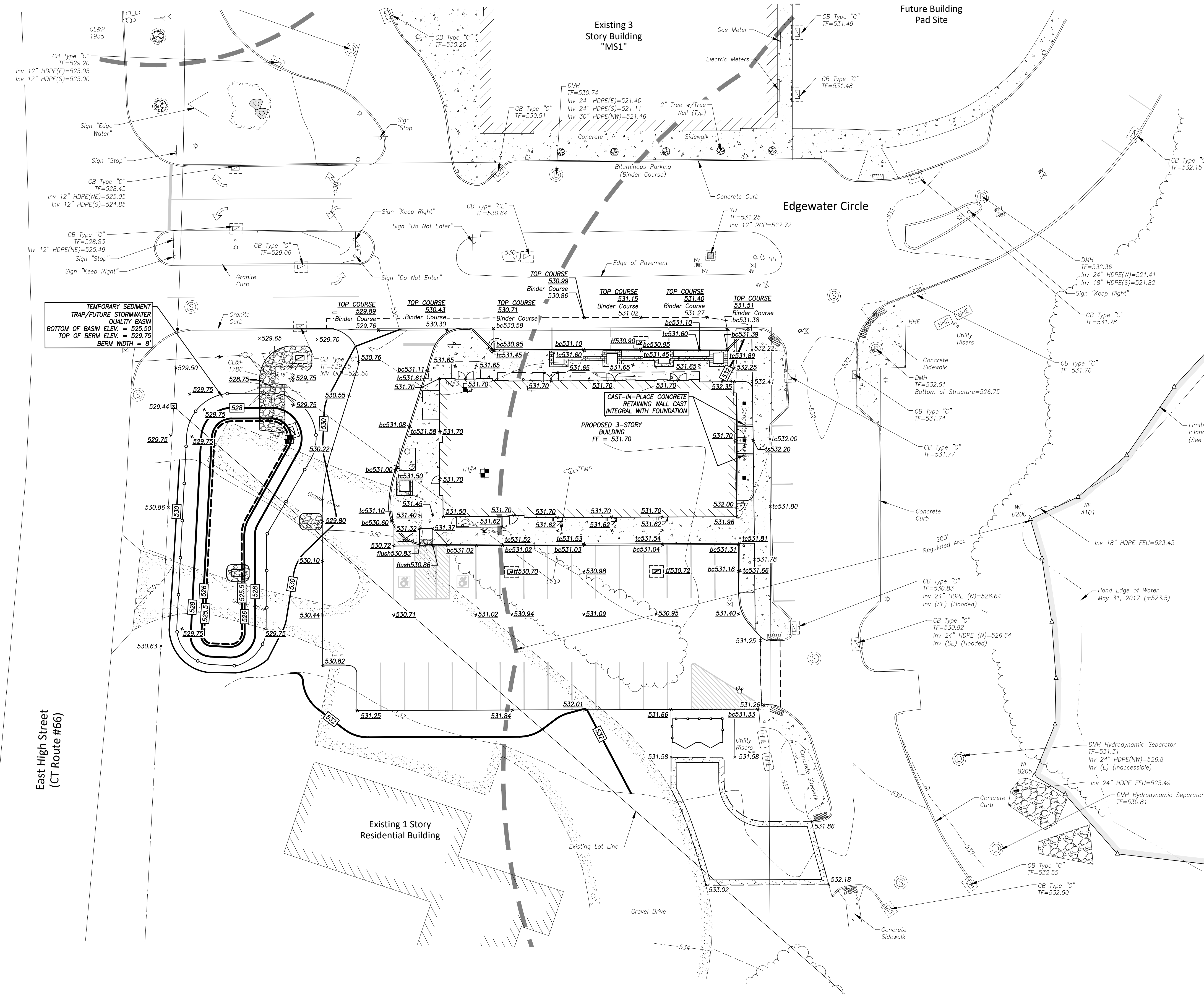
SHEET NO.	4
	12

GRADING NOTES

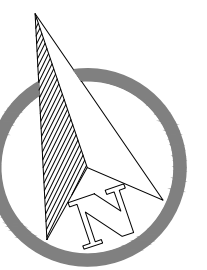
- THE CONTRACTOR SHALL ENSURE THAT ALL HANDICAP PARKING AREAS DO NOT EXCEED A SLOPE GREATER THAN 50:1 OR 2% AND THAT ALL CURRENT HANDICAP ACCESSIBLE BUILDING CODE CRITERIA ARE MET.
- THE SITE SHALL BE GRADED USING STANDARD CONSTRUCTION PRACTICES. EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL SLOPES EQUAL TO OR STEEPER THAN 3(H):1(V) IN CONFORMANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.

GRADING LEGEND

- × 538.51 EXISTING SPOT ELEVATION
- × 538.51 PROPOSED SPOT ELEVATION
- bc BOTTOM OF CURB
- tc TOP OF CURB
- bsw BACK OF SIDEWALK
- tw TOP OF WALL
- bw BOTTOM OF WALL
- ts TOP OF STEP
- tf TOP OF FRAME



FOR PERMITTING
 06/15/2020



WATER MAIN INSTALLATION NOTES

- PROJECT MUST BE BUILT TO CT WATER COMPANY SPECIFICATIONS.
- CLASS 52 DUCTILE IRON PIPE REQUIRED.
- COPPER AND/OR DUCTILE IRON SERVICE LATERAL MATERIAL REQUIRED.
- GATE VALVES OPEN LEFT.
- ALL WATER MAIN PIPING AND APPURTENANCES MUST BE POLYETHYLENE ENCASED IN ACCORDANCE WITH AWWA ANSI-AWWA C105/A21.5-99(10).
- MEGALUG RESTRAINTS REQUIRED ON ALL FITTINGS, BENDS, OFFSETS, TEES, GATE & VALVES.
- FIELD LOK (U.S. PIPE) OR SURE STOP 350 (MCWANE) RESTRAINING GASKETS ARE REQUIRED 2 PIPE JOINTS BEFORE AND AFTER EACH FITTING AND ON THE LAST 3 PIPE LENGTHS ON DEAD ENDS.
- THRUST BLOCKING IS REQUIRED ON ALL BENDS, TEES, OFFSETS AND DEAD ENDS.
- ALL WATER MAINS SHALL BE INSTALLED TO A DEPTH OF 4- FEET OF COVER BASED ON THE ROADWAY GRADE, EXCEPT AS NOTED.
- 3- FEET MINIMUM HORIZONTAL SEPARATION REQUIRED BETWEEN WATER AND ANY OTHER UTILITY/UNDERGROUND STRUCTURE. 10- FEET MINIMUM HORIZONTAL SEPARATION REQUIRED BETWEEN WATER AND SEWER/SEPTIC ("SEWER") **SLEEVE REQUIRED WHERE WATER CROSSES SEWER IF WATER IS BELOW SEWER AND/OR WHEN 18" VERTICAL SEPARATION CANNOT BE ACHIEVED WHEN WATER IS ABOVE SEWER. 4- FEET MINIMUM HORIZONTAL SEPARATION REQUIRED BETWEEN WATER MAIN AND DRAINAGE WHEN AT LIKE ELEVATIONS.
- WATER MAINS TO BE DEFLECTED UNDER ALL STORM DRAINS UNLESS OTHERWISE NOTED OR AS DIRECTED BY A CT WATER COMPANY PROJECT MANAGER. A VERTICAL CLEARANCE OF 18" TO BE MAINTAINED BETWEEN STORM DRAIN AND WATER MAINS. THE CONTRACTOR IS RESPONSIBLE FOR PROPER COMPACTION AROUND AND UNDER EXISTING DRAINAGE FACILITIES WHICH MAY INCLUDE REMOVAL AND RESETTING TO PROPER GRADE.
- ANGLE OF BENDS TO BE FIELD DETERMINED.
- MAXIMUM ALLOWABLE DEFLECTION PER FULL LENGTH PUSH-ON JOINT FOR 4" TO 12" IS FIVE (5) DEGREES AND THREE (3) DEGREES FOR 14" AND GREATER DUCTILE IRON PIPE.
- WHERE AN AIR RELIEF IS REQUIRED, CWC WILL PERFORM TAP AND INSTALL WHILE THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR THE EXCAVATION AND RESTORATION UNLESS OTHERWISE NOTED. LABOR AND MATERIALS FOR THE INSTALLATION(S) WILL BE CHARGED TO THE PROJECT.
- **WHEN THE INSTALLATION OF UNDERGROUND INFRASTRUCTURE DEVIATES FROM THE CT WATER COMPANY APPROVED PLAN(S), THE APPLICANT, AT HIS/HER COST, WILL BE HELD LIABLE FOR THE RELOCATION OF INFRASTRUCTURE AS REQUIRED TO THE SATISFACTION OF THE CT WATER COMPANY. FAILURE TO CORRECT ANY DEVIATION DEEMED UNACCEPTABLE TO THE CT WATER COMPANY WILL RESULT IN LITIGATION.

DRAINAGE & UTILITY NOTES

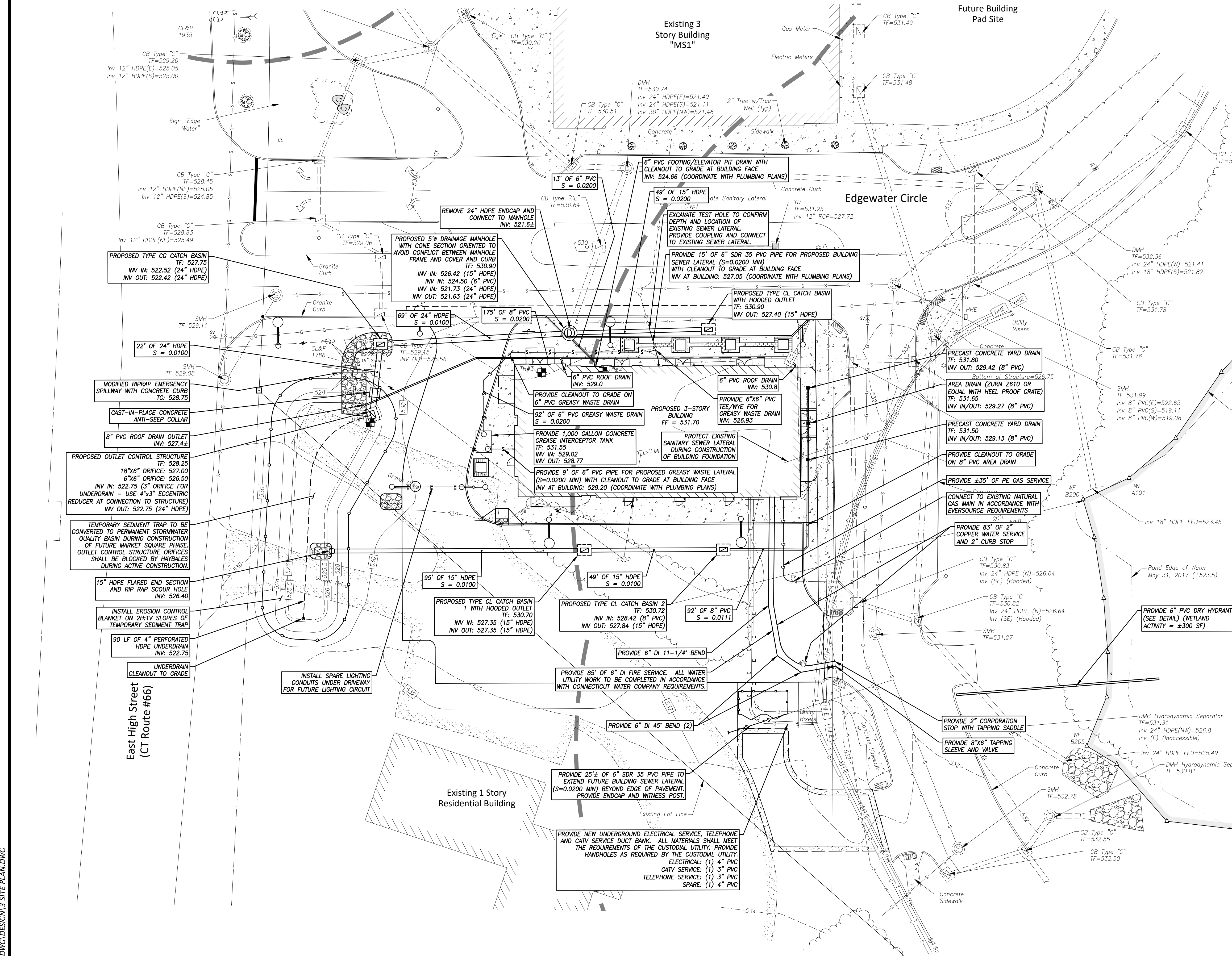
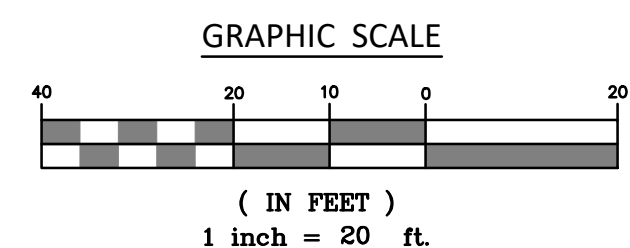
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN HEREON ARE BASED ON FIELD LOCATIONS AND INFORMATION PROVIDED BY OTHERS. THEIR ACTUAL LOCATION MAY VARY FROM THOSE INDICATED AND ALL UNDERGROUND UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" AT 800-922-4455 TO MARK OUT ALL UNDERGROUND UTILITIES A MINIMUM OF 3 BUSINESS DAYS PRIOR TO COMMENCING ANY CONSTRUCTION ACTIVITY. CONTRACTOR SHALL VERIFY ALL LOCATIONS, DIMENSIONS AND ELEVATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL ADHERE TO ALL APPLICABLE TOWN OF EAST HAMPTON STANDARDS AND REGULATIONS.
- THE CONTRACTOR SHALL OBTAIN, REVIEW AND ADHERE TO ALL REQUIREMENTS AND ANY CONDITIONS OF APPROVAL OF THE TOWN OF EAST HAMPTON, THE CONNECTICUT DEPARTMENT OF TRANSPORTATION, AND ALL CUSTODIAL UTILITY COMPANIES.
- THE CONTRACTOR SHALL OBTAIN ALL PERMITS, BONDING AND INSURANCE REQUIRED BY THE TOWN OF EAST HAMPTON, THE CONNECTICUT DEPARTMENT OF TRANSPORTATION, AND ALL CUSTODIAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONFORM TO ALL APPLICABLE TOWN AND/OR STATE STANDARDS AND REGULATIONS FOR ALL ROADWAY, DRAINAGE AND UTILITY WORK.
- ALL SANITARY SEWER UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST APPLICABLE TOWN OF EAST HAMPTON WATER POLLUTION CONTROL AUTHORITY (WPCA) RULES, REGULATIONS AND SPECIFICATIONS. FOUNDATION DRAINS, SUMP PUMPS AND/OR ROOF LEADERS SHALL NOT DISCHARGE INTO THE SANITARY SEWER SYSTEM.
- ALL DRAINAGE PIPE SHALL BE SMOOTH INTERIOR HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR APPROVED EQUAL UNLESS OTHERWISE NOTED. ALL PIPE SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. A MINIMUM OF TWO FEET OF COVER SHALL BE PROVIDED OVER THE PIPE PRIOR TO ANY VEHICULAR TRAFFIC. ROOF LEADERS AND FOOTING DRAINS SHALL BE 6" (MIN.) SCHEDULE 40 PVC ASTM D1785.

UTILITY CONSTRUCTION NOTES

- SEE CT WATER COMPANY DEVELOPER'S HANDBOOK FOR WATER SYSTEM CONSTRUCTION DETAILS.
- SEE CT NATURAL GAS COMPANY DEVELOPER'S HANDBOOK FOR NATURAL GAS SYSTEM CONSTRUCTION DETAILS.
- SEE EVERSOURCE, COMCAST, AND FRONTIER COMMUNICATIONS DEVELOPER'S HANDBOOKS FOR ELECTRICAL AND TELECOMMUNICATIONS CONSTRUCTION DETAILS.

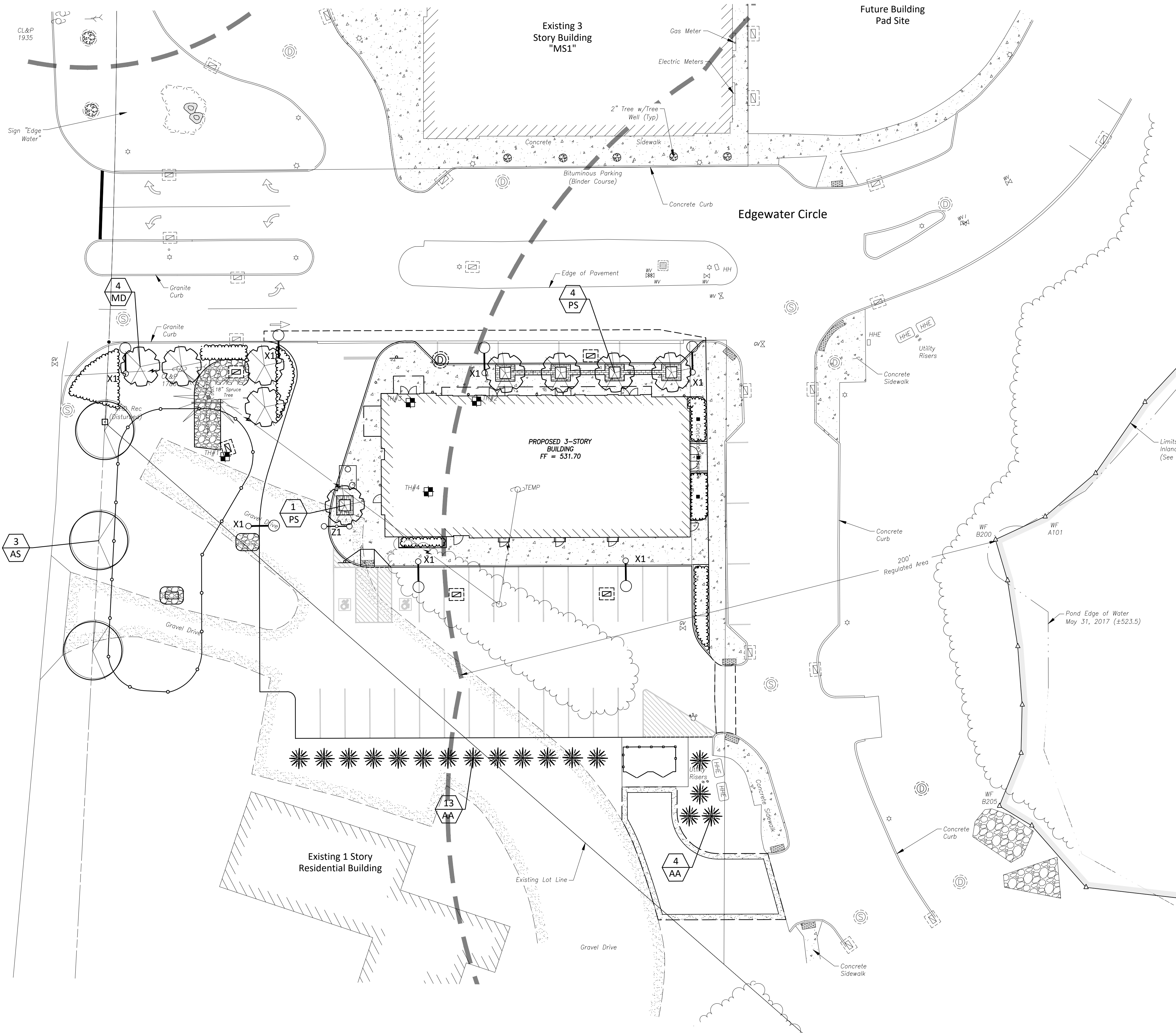
STORMWATER SYSTEM OPERATION AND MAINTENANCE

- THE PROPOSED STORMWATER MANAGEMENT SYSTEM INCLUDES DEEP SUMP CATCH BASINS, A STORMWATER BASIN, AND PREFORMED RIP RAP SCOUR HOLES.
 - CATCH BASINS SHALL BE INSPECTED SEMI-ANNUALLY, AS SOON AS POSSIBLE FOLLOWING THE SNOW AND ICE REMOVAL SEASON, PREFERABLY PRIOR TO SPRING RAINFALL EVENTS. CATCH BASIN CLEANING SHOULD OCCUR IF SEDIMENT HAS FILLED ONE HALF OF THE TOTAL SUMP DEPTH (I.E. LESS THAN TWO FEET FROM THE INVERT OF THE OUTLET PIPE TO THE SEDIMENT DEPOSIT). SEDIMENT SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
 - THE STORMWATER BASIN SHALL BE INSPECTED SEMI-ANNUALLY FOR COLLECTED SEDIMENT AND DEBRIS AND SIGNS OF EROSION. THE STORMWATER BASIN SHALL BE CLEANED AND MOWED ANNUALLY. SEDIMENT SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE REGULATIONS.
 - THE RIP RAP SCOUR HOLES SHALL BE INSPECTED SEMI-ANNUALLY FOR SIGNS OF SCOUR AND ACCUMULATION OF DEBRIS AND SEDIMENT. IF SCOUR HAS OCCURRED THE RIP RAP AND GRAVEL SHALL BE REPLACED. DEBRIS SHALL BE DISPOSED OF AS REQUIRED.
- STORMWATER MANAGEMENT SYSTEM MAINTENANCE FREQUENCY MAY BE REDUCED BY IMPLEMENTING A STREET SWEEPING PROGRAM, TO BE PERFORMED AT LEAST ANNUALLY IMMEDIATELY FOLLOWING THE SNOW AND ICE REMOVAL SEASON.



FOR PERMITTING
 06/15/2020

East High Street
 (CT Route #66)



PLANT LIST

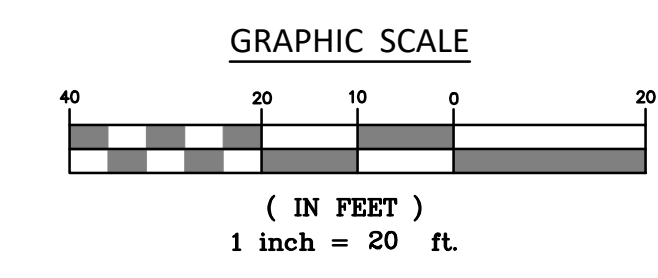
CD	BOTANICAL NAME	COMMON NAME	SIZE
DECIDUOUS TREES			
AS	ACER SACCHARUM 'GREEN MOUNTAIN'	GREEN MOUNTAIN SUGAR MAPLE	3-3.5" CAL.
FLOWERING TREES			
MD	MALUS 'DONALD WYMAN'	DONALD WYMAN	2.5"-3" CAL.
PS	PRUNUS SARGENTII 'COLUMNARIS'	COLUMNAR SARGENT CHERRY	2-2.5" CAL.
EVERGREEN TREES			
AA	THUJA OCCIDENTALIS	AMERICAN ARBORVITAE	6' HT.

MARKET SQUARE SHRUB MASSING PALETTE

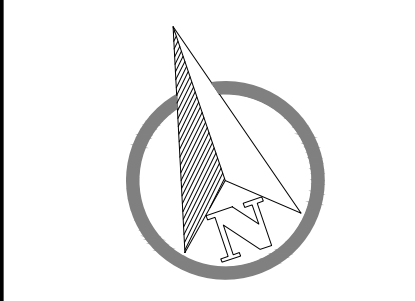
CD	BOTANICAL NAME	COMMON NAME	SIZE
SHRUBS			
BD	BUDDLEIA BLUE CHIP	BLUE CHIP BUTTERFLY BUSH	24-36" HT.
BX	BUXUS X GREEN VELVET	GREEN VELVET BOXWOOD	18-24" SPD.
CS	CORNUS SERICEA 'BAILEY'	RED TWIGGED DOGWOOD	
EE	EUONYMUS EMERALD GALETY	VARIEGATED WINTERCREEPER	2-3' HT.
IG	ILEX GLABRA SHAMROCK	SHAMROCK INKBERRY	18-24" SPD.
IA	ILEX VERTICILLATA AFTERGLOW	AFTERGLOW WINTERBERRY	2-3' HT.
IM	ILEX VERTICILLATA JIM DANDY	MALE WINTERBERRY	2-3' HT.
PJ	PIERIS JAP. MOUNTAIN FIRE	MOUNT. FIRE ANDROMEDA	24" SPD.
PS	PINUS STROBUS SOFT TOUCH	SOFT TOUCH DWARF PINE	18-24" SPD.
PERENNIALS, BULBS AND GRASSES			
CK	CALAMAGROSTIS KARL FOERSTER	FEATHER REED GRASS	2 GAL. POT
EM	ECHINACEA P. MAGNUS	MAGNUS CONEFLOWER	5 PT. POT
HD	HEMEROCALLIS DARING DECEPTION	REBLOOMING PURPLE DAYLILY	5 PT. POT
HS	HEMEROCALLIS STELLA D'ORD	REBLOOMING YELLOW DAYLILY	5 PT. POT
IV	IRIS VERSICOLOR	BLUE FLAG	2" PLUG 18" O.C.
IS	IRIS SIBERICA	SIBERIAN IRIS	5 PT. POT
LS	LEUCANTHEMUM SUPERBUM BECKY	DWARF SHASTA DAISY	5 PT. POT
LK	LIATRIS SPICATA KOBOLD	GAYFEATHER	5 PT. POT
LM	LIRIOPE MUSCARI BIG BLUE	BIG BLUE LIRIOPE	GAL. POT
NR	NERFETA X 'AASSENI' WALKER'S LOW'	WALKER'S LOW CATMINT	GAL. POT
NI	NARCISSUS ICE FOLLIES	ICE FOLLIES DAFFODIL	TOP SIZE BULBS
PV	PANICUM V. HEAVY METAL	BLUE SWITCH GRASS	2 GAL. POT
PA	PENNISETUM ALOPECUROIDES	FOUNTAIN GRASS	2 GAL. POT
PB	PHLOX SUB. EMERALD CUSHION BLUE	BLUE CREEPING PHLOX	GAL. POT
RG	RUBROCKIA F. GOLDSTRUM	BLACK EYED SUSAN	GAL. POT
SA	SEDUM NEON	NEON SEDUM	GAL. POT
SB	SEDUM BLACKJACK	BLACKJACK SEDUM	GAL. POT
SH	STACHYS B. HELENE VAN STEIN	BIG EARS LAMB'S EARS	GAL. POT
TC	TULIPA C. LADY JANE	LADY JANE SPECIES TULIP	TOP SIZE BULBS
TG	TULIPA G. RED RIDING HOOD	RED SPECIES TULIP	TOP SIZE BULBS
WW	WEIGELA FLORIDA 'WINE AND ROSES'	WINE AND ROSES WEIGELA	3 PT. POT

LEGEND & ABBREVIATIONS

- DECIDUOUS TREES
- MARKET SHRUB MASSING
- FLOWERING TREES
- EVERGREEN TREES
- SINGLE FIXTURE OFFSET LIGHT POLE
- DOUBLE FIXTURE OFFSET LIGHT POLE
- LANDSCAPE MATERIAL IDENTIFIER

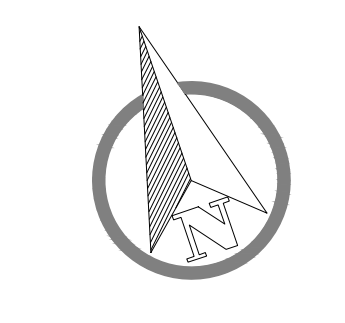


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DATE:	May 2020
JOB I.D. NO.:	20-2795-2
Revisions	
Rev. A - Per Town Engineer's Review - 06/15/2020	

Site Development Plan
 "Logistics and Erosion & Sedimentation Control Plan"
 Prepared for
Edgewater Hill Enterprises, LLC
 000 East High Street (CT Route 66) - East Hampton, Connecticut



SCALE: 1" = 20'
 DATE: May 2020
 JOB I.D. NO. 20-2795-2
 Revisions
 Rev. A - Per Town Engineer's Review - 06/15/2020

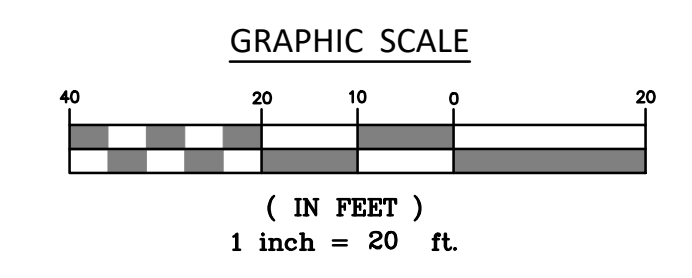
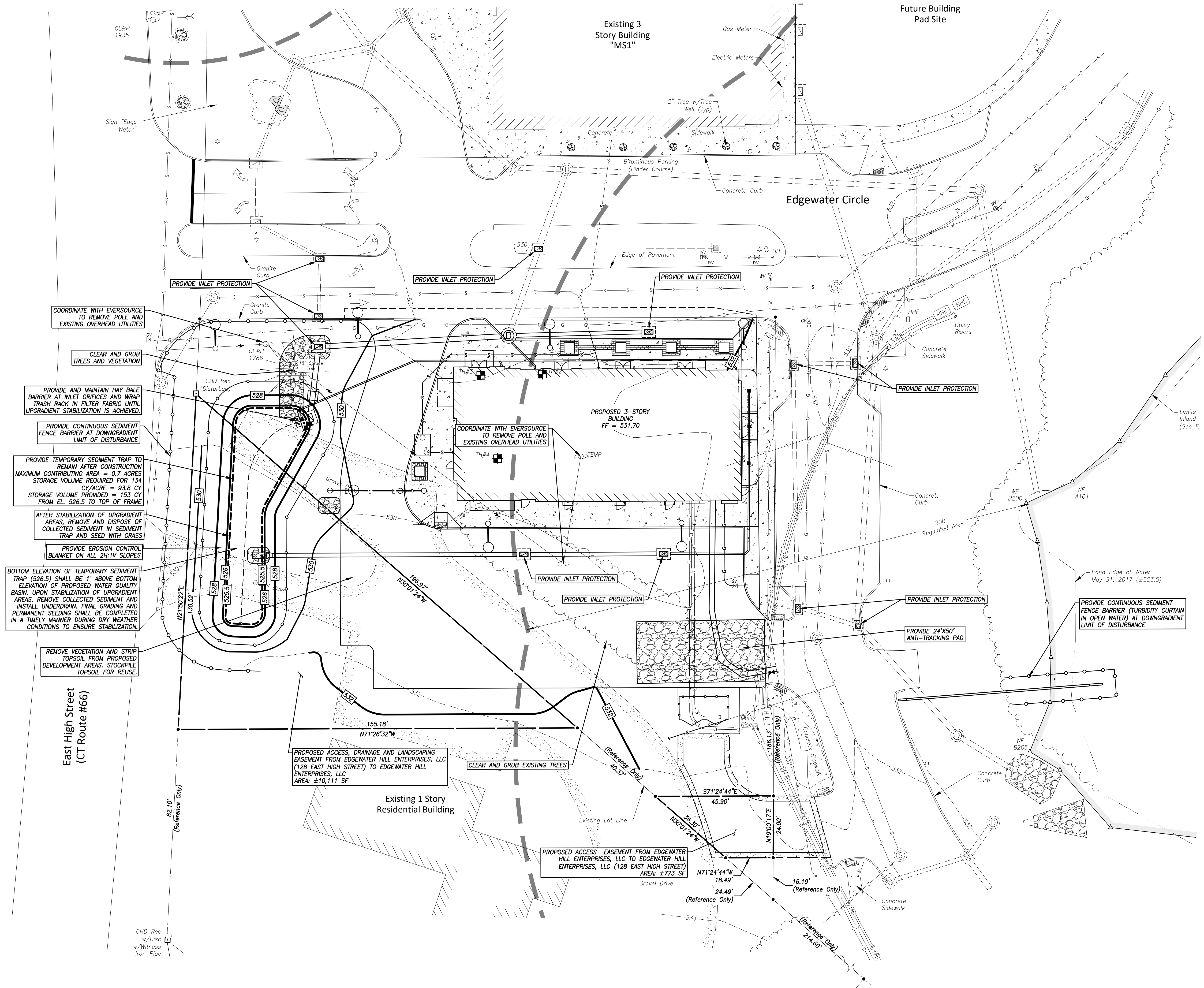
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P:\CIVIL 3D PROJECTS\2020\20-2795-2 DREAM-MS2\DWG\DESIGN\3 SITE PLAN.DWG

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FOR PERMITTING
06/15/2020

DAVID C. MCKAY, P.E. 29102 LICENSE NO. DATE

NARRATIVE

THIS PROPOSAL INVOLVES THE CONTINUED DEVELOPMENT OF THE MASTER PLAN FOR THE EDGEWATER HILL MIXED USE DEVELOPMENT DISTRICT. THE PROPOSED PHASE INCLUDES A NEW 5,700 SQUARE FOOT, THREE STORY MIXED USE BUILDING AND SUPPORTING UTILITIES AND INFRASTRUCTURE.

PRIMARY ACCESS TO THE NEW BUILDING WILL BE VIA EDGEWATER CIRCLE, CONSTRUCTED DURING PREVIOUS PHASES OF THE DEVELOPMENT.

ON-SITE IMPROVEMENTS WILL INCLUDE: VEHICULAR ACCESS AND CIRCULATION DRIVES; VEHICLE PARKING AREAS; PEDESTRIAN SIDEWALKS; STORMWATER MANAGEMENT IMPROVEMENTS; POTABLE AND FIRE PROTECTION WATER SERVICES; SEWER, GAS AND ELECTRICAL UTILITIES; LIGHTING; AND LANDSCAPING.

INLAND WETLANDS LOCATED UPON THE SUBJECT PROPERTY ARE AS SHOWN ON THE APPROVED EDGEWATER HILL MASTER PLAN, AND PERMITS TO CONDUCT REGULATED ACTIVITIES FOR THE WORK CONTEMPLATED HEREON MUST BE OBTAINED FROM THE MUNICIPAL WETLANDS AND WATERCOURSES AGENCY.

CONTINUOUS SEDIMENT BARRIERS WILL BE INSTALLED AT LOCATIONS SHOWN ON THIS PLAN PRIOR TO ANY EARTHWORK OPERATIONS. THESE MEASURES WILL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.

REFERENCE IS MADE TO:

1. CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2002.
2. UNITED STATES DEPARTMENT OF AGRICULTURE (USDA), NATURAL RESOURCES CONSERVATION SERVICE (NRCS), WEB SOIL SURVEY (WSS) FOR THE STATE OF CONNECTICUT.

DEVELOPMENT SCHEDULE:

PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO SCHEDULE A MANDATORY PRE-CONSTRUCTION MEETING ON SITE TO DISCUSS ISSUES AS THEY RELATE TO THE PROPOSED PROJECT. THESE ISSUES WILL INCLUDE BUT NOT BE LIMITED TO:

1. RESOURCE PROTECTION.
2. CONSTRUCTION VEHICLE ACCESS, PARKING, AND FUELING.
3. CONSTRUCTION METHODS AND SCHEDULING.
4. EXISTING SITE UTILITIES AND MARK-OUT COORDINATION.
5. MATERIAL DELIVERY AND STOCKPILING.
6. SITE INSPECTION PROCEDURES AND AS-BUILT DRAWINGS.

SUGGESTED SEQUENCE OF CONSTRUCTION:

PHASE 1 – INSTALLATION OF EROSION CONTROLS

1. OBTAIN APPROPRIATE PERMITS, NOTIFY TOWN OFFICIALS OF CONSTRUCTION COMMENCEMENT, AND SUBMIT CONSTRUCTION TIMETABLE.
2. FLAG THE LIMITS OF CONSTRUCTION AND CLEARING LIMITS.
3. INSTALL THE CONSTRUCTION ENTRANCE/ANTI-TRACKING PAD AND CONTRACTOR PARKING/LAYDOWN AREA.
4. ON-SITE CONSTRUCTION SEQUENCE SHALL START WITH THE MINIMUM AMOUNT OF CLEARING REQUIRED TO INSTALL GEOTEXTILE SEDIMENT FENCE, SEDIMENT AND EROSION CONTROL BERMS, AND/OR HAY/STRAW BALES AS SHOWN ON PLAN.
5. INSTALL SEDIMENT FENCE AND HAY/STRAW BALES AS SHOWN ON THE PLANS OR AS REQUIRED. CONSTRUCT TOP AND TOE OF SLOPE SWALES, TEMPORARY SEDIMENT TRAPS, WATER BARS AND CHECK DAMS AS SHOWN ON THE PLANS.
6. FOLLOWING INSTALLATION OF THE EROSION CONTROLS, THE CONTRACTOR SHALL CONTACT THE ENGINEER FOR INSPECTION AND APPROVAL OF INSTALLED MEASURES. NO WORK SHALL COMMENCE UNTIL ALL EROSION CONTROL MEASURES HAVE BEEN INSTALLED AND APPROVED BY THE ENGINEER.

PHASE 2 – SITE PREPARATION

1. STRIP AND STOCKPILE TOPSOIL FROM PROPOSED GRADING AREAS AFTER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. THE TOPSOIL SHALL BE SEEDED IMMEDIATELY AFTER STOCKPILING IN ORDER TO STABILIZE THE SLOPE AND LIMIT SEDIMENT RUNOFF. ALL STOCKPILED TOPSOIL SHALL BE SEEDED AND MULCHED WHEN IT IS TO BE STORED FOR MORE THAN 21 DAYS FROM TIME OF STOCKPILING.
2. PERFORM MASS EARTHWORK AS REQUIRED TO ESTABLISH ROUGH GRADES, ALL CUTS AND FILLS REQUIRED. ESTABLISH THE SUBGRADE FOR THE TOPSOIL AREAS, PARKING AND ROADWAY AS REQUIRED AND BENCH THE BUILDING TO A SUBGRADE ALLOW A REASONABLE AMOUNT OF AREA AROUND THE FOOTPRINT OF THE BUILDING FOR THE CONSTRUCTION ACTIVITIES.
3. COMPACT SUBGRADE TO 95% MAXIMUM DENSITY PRIOR TO PLACING FILL OR SUBBASE FOR PAVED AREAS.

PHASE 3 – SITE IMPROVEMENTS AND BUILDING CONSTRUCTION

1. BEGIN CONSTRUCTION OF THE BUILDING.
2. INSTALL ALL SANITARY SEWERS, WATER MAINS, STORMWATER MANAGEMENT IMPROVEMENTS, AND UTILITIES TO WITHIN 5 FEET OF THE BUILDING.
3. PREPARE SUB-BASE FOR PARKING AREAS, ACCESS AND CIRCULATION DRIVES, SLOPES AND ANY OTHER AREA OF DISTURBANCE FOR FINAL GRADING.
4. INSTALL SUB-BASE AND BASE COURSES OF GRAVEL IN SIDEWALKS, PARKING AREAS, ACCESS AND CIRCULATION DRIVES.
5. PLACE TOPSOIL WHERE REQUIRED, COMPLETE THE PERIMETER LANDSCAPE PLANTINGS AND INSTALL LIGHTING.
6. FINE GRADE, RAKE, SEED AND MULCH TO WITHIN 2 FEET OF THE CURBING.
7. UPON SUBSTANTIAL COMPLETION OF THE BUILDING, COMPLETE THE BALANCE OF SITE WORK AND STABILIZATION OF ALL OTHER DISTURBED AREAS. INSTALL FIRST COURSE OF PAVING.

PHASE 4 – FINAL SEEDING AND CLEANUP

1. WHEN ALL OTHER WORK HAS BEEN COMPLETED, REPAIR AND SWEEP ALL PAVED AREAS FOR THE FINAL COURSE OF PAVING. INSPECT THE DRAINAGE SYSTEM AND CLEAN AS NEEDED.
2. INSTALL FINAL COURSE OF PAVEMENT ON ROADWAYS, ACCESS AND CIRCULATION DRIVES, AND PARKING AREAS.
3. ALL DISTURBED AREAS SHALL BE PREPARED WITH TOPSOIL AND SEEDED AND MULCHED ACCORDING TO THIS PLAN.
4. AFTER ALL FINAL GRADED DISTURBED AREAS HAVE BEEN STABILIZED, REMOVE ALL EROSION AND SEDIMENT STRUCTURES. CLEAN ALL STORMWATER STRUCTURES OF SEDIMENT AND DEBRIS.

ANTICIPATED CONSTRUCTION SCHEDULE

NO.	PHASE DESCRIPTION	ESTIMATED DURATION
1	INSTALLATION OF EROSION CONTROLS	1 WEEK
2	SITE PREPARATION	1 MONTH
3	SITE UTILITIES AND BUILDING CONSTRUCTION	6 MONTHS
4	SIDEWALKS, PAVING, FINAL SEEDING AND CLEANUP	1 MONTH

EROSION CONTROL OPERATION & MAINTENANCE:

THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE PROJECT. NO CONSTRUCTION SHALL PROCEED UNTIL PROPER SEDIMENTATION AND EROSION CONTROL METHODS HAVE BEEN INSTALLED AS THE SEQUENCE OF CONSTRUCTION NECESSITATES.

MAINTENANCE OF EROSION AND SEDIMENT CONTROLS SHALL BE COMPLETED IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (2002). THE GUIDELINES ARE AVAILABLE ELECTRONICALLY AT <https://portal.ct.gov/DEEP/Water/Soil-Erosion-and-Sediment-Control-Guidelines/Guidelines-for-Soil-Erosion-and-Sediment-Control>. A SUMMARY OF THE MAINTENANCE REQUIREMENTS FOR THE PROJECT IS PROVIDED BELOW.

DURING CONSTRUCTION, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SHALL ONLY TAKE PLACE WHERE IMMEDIATELY REQUIRED TO FURTHER CONSTRUCTION. IT IS DESIRABLE FROM AN EROSION PREVENTION PERSPECTIVE TO MINIMIZE DISTURBED AREAS. FINAL GRADING AND SEEDING SHALL TAKE PLACE AS SOON AS PRACTICABLE.

A RAIN GAUGE SHALL BE PLACED AT THE PROJECT IN A WORKABLE LOCATION AND MONITORED DURING RAINFALL PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED.

EVERY PRECAUTION SHALL BE USED DURING CONSTRUCTION TO PREVENT AND MINIMIZE THE DEGRADATION OF THE EXISTING WATER QUALITY FROM STORMWATER RUNOFF DURING CONSTRUCTION. ALL ACTIVITIES SHALL BE IN CONFORMANCE TO AND CONSISTENT WITH ALL APPLICABLE WATER QUALITY STANDARDS AND MANAGEMENT PRACTICES AS SET FORTH BY LOCAL, STATE AND FEDERAL AGENCIES.

THE SITE CONTRACTOR SHALL APPOINT AN ONSITE AGENT WHO SHALL BE PERSONALLY RESPONSIBLE FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN AND ENFORCING THE PRESCRIBED SAFEGUARDS DURING THE EXCAVATION AND OPERATION PERIOD. THE NAME AND CONTACT INFORMATION FOR THE EROSION CONTROL AGENT SHALL BE SUPPLIED TO THE MUNICIPAL ZONING OFFICIAL.

THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES THROUGHOUT THE PROJECT, INFORMING ALL PARTIES ENGAGED ON SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PROPER AGENCY AND OFFICIALS OF ANY TRANSFER OF THIS RESPONSIBILITY.

ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REPAIRED, CLEANED AND/OR REPLACED AS NECESSARY THROUGHOUT THE PROJECT IN ORDER TO MAINTAIN COMPLETE AND INTEGRAL EROSION AND SEDIMENT CONTROL PROTECTION. ONCE IN PLACE, ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE IN PROPER CONDITION AND BE CONTINUOUSLY MAINTAINED UNTIL FINAL SITE STABILIZATION HAS BEEN COMPLETED. FOLLOWING SUCH PERMANENT STABILIZATION, THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DISMANTLED, REMOVED, AND DISPOSED OF IN AN APPROVED MANNER. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES BEYOND THOSE SHOWN ON THE PLANS OR PRESCRIBED HEREIN SHALL BE PUT IN PLACE, WHENEVER NECESSARY, TO ADDRESS FIELD CONDITIONS AND/OR AS ORDERED BY THE ENGINEER OR THE MUNICIPAL ZONING OFFICIAL.

QUALIFIED PERSONNEL PROVIDED BY THE SITE CONTRACTOR SHALL INSPECT DISTURBED AREAS AND THE LOCATIONS WHERE VEHICLES ENTER AND LEAVE THE SITE. THESE AREAS SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND

WITHIN TWENTY-FOUR HOURS AT THE END OF A STORM THAT IS 0.1 INCHES OR GREATER. ADDITIONAL MEASURES BEYOND THOSE INDICATED AND/OR SHOWN ON THIS PLAN SET OR PRESCRIBED HEREIN SHALL BE PUT IN PLACE, WHENEVER NECESSARY, TO ADDRESS FIELD CONDITIONS AND/OR AS ORDERED BY THE ENGINEER. WHERE SITES HAVE BEEN TEMPORARILY OR FINALLY STABILIZED, SUCH INSPECTION SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH FOR THREE CONSECUTIVE MONTHS.

NO SOIL, FILL OR OTHER MATERIALS SHALL BE DEPOSITED IN SURROUNDING INLAND WETLANDS UNLESS PERMITTED BY THE LOCAL REGULATORY AUTHORITY.

ALL TEMPORARY STORAGE AND/OR STOCKPILE AREAS SHALL BE PROPERLY STABILIZED TO PREVENT EROSION AND SUITABLY CONTAINED TO PREVENT TURBID RUNOFF.

DUMPING OF OIL OR OTHER DELETERIOUS MATERIALS ON THE GROUND IS FORBIDDEN. THE APPLICANT SHALL PROVIDE A MEANS OF CATCHING, RETAINING AND PROPERLY DISPOSING OF DRAINED OIL, REMOVED OIL FILTERS, OR OTHER DELETERIOUS MATERIAL FROM EQUIPMENT. VEHICLE MAINTENANCE SHALL BE COMPLETED OFF SITE. ALL OIL SPILLS SHALL BE IMMEDIATELY REPORTED TO THE DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION/HAZARDOUS MATERIALS OFFICE. FAILURE TO DO SO MAY RESULT IN THE IMPOSITION OF FINES UNDER THE APPLICABLE CONNECTICUT GENERAL STATUTES.

DURING CONSTRUCTION, THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE INSPECTION AND MAINTENANCE TO ASSURE PROPER PERFORMANCE OF EROSION CONTROL MEASURES. INSPECTION AND MAINTENANCE SHALL INCLUDE, AT A MINIMUM, THE FOLLOWING:

- INSPECT ALL SEDIMENT FENCE AND OTHER EROSION CONTROL MEASURES. REPAIR OR REPLACE ANY DAMAGED PORTION IN ORDER TO INSURE ITS PROPER AND EFFECTIVE OPERATION. REMOVE ACCUMULATED SEDIMENT IF REQUIRED (GREATER THAN 4" DEPTH)
- INSPECT ALL STOCKPILES. REPAIR OR REPLACE ANY DAMAGED PORTION OF EROSION CONTROL MEASURES SURROUNDING THESE AREAS IN ORDER TO PREVENT SEDIMENTATION DOWNGRADIENT.
- INSPECT GRASS RESTORED AREAS. REVEGETATE ANY ERODED OR DISTURBED AREAS TO PROVIDE PERMANENT STABILIZATION. RESEED AND/OR REVEGETATE ANY AREAS THAT DO NOT HAVE A SUITABLE STAND OF GRASS OR ANY OTHER SUITABLE VEGETATION.
- INSPECT ANTI-TRACKING PAD, REMOVE AND DISPOSE OF PAD AND REPLACE IF PAD IS NO LONGER FUNCTIONING EFFICIENTLY OR ACCUMULATED SEDIMENT IS TO A DEPTH OF 2" BELOW THE STONE SURFACE.
- INSPECT DOWNGRADIENT AREAS OF ALL STORMWATER DISCHARGES AND DEVELOPMENT AREAS. STABILIZE ANY ERODED AREAS IF FOUND.
- INSPECT ROADWAYS ADJACENT TO THE SITE DAILY. SWEEP OR VACUUM TO REMOVE VISIBLE ACCUMULATED SEDIMENT.

EROSION AND SEDIMENT CONTROL

BEST MANAGEMENT PRACTICES (BMP'S)

MINIMIZE DISTURBED AREA AND PROTECT NATURAL FEATURES AND SOIL

TOPSOIL:

TOPSOIL WILL BE REMOVED AND STOCKPILED ON SITE AND UTILIZED FOR FINAL GRADING. ADDITIONAL TOPSOIL, IF REQUIRED, WILL BE SUPPLIED FROM AN OFF-SITE SOURCE. EXCESS MATERIALS RESULTING FROM "OUT SLOPES" IN THE AREAS OF THE PROPOSED CONSTRUCTION THAT ARE NOT INTENDED FOR REUSE WILL BE IMMEDIATELY REMOVED FROM THE SITE. WHEN SOIL IS STOCKPILED, THE SLOPE OF THE STOCKPILE WILL NOT EXCEED 2 HORIZONTAL TO 1 VERTICAL.

INSTALLATION SCHEDULE: AS NOTED, EXCAVATED TOPSOIL WILL BE STOCKPILED ON SITE. SEDIMENT FENCE OR WOOD CHIP BERMS WILL BE PLACED AROUND ANY STOCKPILES THAT ARE NOT IMMEDIATELY REMOVED FROM THE SITE TO PROTECT THE EXISTING DRAINAGE DITCHES AND OFF SITE AREAS.

MAINTENANCE AND INSPECTION: THE CUT AND FILL AREAS WILL BE INSPECTED WEEKLY FOR EROSION. THESE AREAS WILL BE STABILIZED IMMEDIATELY WITH EROSION CONTROL MEASURES TO THE EXISTING DRAINAGE DITCHES OR OFF SITE AREAS. SEE ALSO MAINTENANCE AND INSPECTION PROCEDURES FOR SILT FENCE.

CONTROL STORMWATER FLOWING ONTO AND THROUGH THE PROJECT

AREA FOR SILT TO ACCUMULATE:

BMP/INSTALLATION SCHEDULE: BEFORE ANY GRADING OPERATIONS BEGIN, A SEDIMENT AND EROSION CONTROL BERM OR SEDIMENT FENCE WILL BE INSTALLED ADJACENT TO THE AREAS UNDER CONSTRUCTION JUST OUTSIDE THE LIMITS OF DISTURBANCE.

OTHER ADJACENT OFF SITE AREAS WILL ALWAYS BE PROTECTED BY A SEDIMENT FENCE OR ANOTHER BMP UNTIL FINAL STABILIZATION IS ACHIEVED.

MAINTENANCE AND INSPECTION: THE GRADED AREAS AND SEDIMENT FENCE WILL BE INSPECTED WEEKLY TO ENSURE THAT THERE ARE NO STRUCTURAL FAILURES AND IMMEDIATELY AFTER RAIN EVENTS.

CONSTRUCTION SPECIFICATIONS

SEDIMENT FENCE:

1. THE MATERIAL FOR SEDIMENT FENCES SHOULD BE A PERVIOUS SHEET OF SYNTHETIC FABRIC SUCH AS POLYPROPYLENE, NYLON, POLYESTER, OR POLYETHYLENE YARN.
2. THE STAKES USED TO ANCHOR THE FILTER FABRIC SHOULD BE WOOD OR METAL. WOODEN STAKES SHOULD BE AT LEAST 3 FEET LONG AND HAVE A MINIMUM DIAMETER OF 1-1/2 INCHES.
3. ERECT SEDIMENT FENCE IN A CONTINUOUS FASHION FROM A SINGLE ROLL OF FABRIC TO ELIMINATE GAPS IN THE FENCE. IF A CONTINUOUS ROLL OF FABRIC IS NOT AVAILABLE, OVERLAP THE FABRIC FROM BOTH DIRECTIONS ONLY AT STAKES OR POSTS. OVERLAP AT LEAST 6 INCHES. EXCAVATE A TRENCH TO BURY THE BOTTOM OF THE FABRIC FENCE AT LEAST 6 INCHES BELOW THE GROUND SURFACE TO PREVENT GAPS FROM FORMING NEAR THE GROUND SURFACE. GAPS WOULD MAKE THE FENCING USELESS AS A SEDIMENT BARRIER.
4. THE HEIGHT OF THE FENCE POSTS SHOULD BE 16 TO 34 INCHES ABOVE THE ORIGINAL GROUND SURFACE. SPACE THE POSTS NO MORE THAN 10 FEET APART.
5. THE FENCE SHOULD BE DESIGNED TO WITHSTAND THE RUNOFF FROM A 10-YEAR PEAK STORM EVENT. ONCE INSTALLED, IT SHOULD REMAIN IN PLACE UNTIL ALL AREAS UPSLOPE HAVE BEEN PERMANENTLY STABILIZED BY VEGETATION OR OTHER MEANS.

INSTALLATION:

1. DIG A 6" DEEP TRENCH ON THE UPHILL SIDE OF THE PROPOSED BARRIER LOCATION.
2. POSITION THE POSTS ON THE DOWNHILL SIDE OF THE FABRIC BARRIER AND DRIVE THE POST 12" INTO THE GROUND.
3. LAY THE BOTTOM 6" OF THE FABRIC BARRIER IN THE TRENCH TO PREVENT UNDERMINING AND BACKFILL.

MAINTENANCE:

1. SEDIMENT SHOULD BE REMOVED ONCE IT HAS ACCUMULATED TO 4" DEPTH.
 2. FILTER FABRIC SHOULD BE REPLACED WHENEVER IT HAS DETERIORATED TO SUCH AN EXTENT THAT THE EFFECTIVENESS OF THE FABRIC IS REDUCED (APPROXIMATELY SIX MONTHS).
 3. SEDIMENT FENCE SHOULD REMAIN IN PLACE UNTIL DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED.
 4. ALL SEDIMENT ACCUMULATED AT THE FENCE SHOULD BE REMOVED AND PROPERLY DISPOSED OF BEFORE THE FENCE IS REMOVED.
- INSPECTION:**
1. INSPECT SEDIMENT FENCE BEFORE ANTICIPATED STORM EVENTS (OR SERIES OF STORM EVENTS SUCH AS INTERMITTENT SHOWERS OVER ONE OR MORE DAYS) AND WITHIN 24 HOURS AFTER THE END OF A STORM EVENT OF 0.1 INCHES OR GREATER, AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS, AT LEAST 72 HOURS APART.
 2. WHERE SITES HAVE BEEN FINALLY OR TEMPORARILY STABILIZED, SUCH INSPECTIONS MAY BE CONDUCTED ONCE PER MONTH.

HAY/STRAW BALE BARRIER

INSTALLATION:

1. EXCAVATE TRENCH 4" AND PLACE MATERIAL UP SLOPE OF TRENCH.
2. PLACE BALES IN A SINGLE ROW IN THE TRENCH, LENGTHWISE, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER AND THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN ALONG THE TOPS AND BOTTOMS OF THE BALES (TO AVOID PREMATURE ROTTING OF THE BINDINGS).
3. ANCHOR EACH BALE WITH AT LEAST 2 STAKES, DRIVING THE FIRST STAKE IN EACH BALE TOWARD THE PREVIOUSLY LAID BALE TO FORCE THE BALES TOGETHER. STAKES MUST BE DRIVEN A MINIMUM OF 18 INCHES INTO THE GROUND. FILL ANY GAPS BETWEEN THE BALES WITH STRAW TO PREVENT WATER FROM ESCAPING BETWEEN THE BALES.
4. BACKFILL THE BALES WITH THE EXCAVATED TRENCH MATERIAL TO A MINIMUM DEPTH OF 4 INCHES ON THE UPHILL SIDE OF THE BALES. TAMP BY HAND OR MACHINE AND COMPACT THE SOIL. LOOSE HAY/STRAW SCATTERED OVER THE DISTURBED AREA IMMEDIATELY UPHILL FROM THE HAY BALE BARRIER TENDS TO INCREASE BARRIER EFFICIENCY.

MAINTENANCE:

1. INSPECT THE HAY/STRAW BALE BARRIER AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.1 INCH OR GREATER TO DETERMINE MAINTENANCE NEEDS. FOR DEWATERING OPERATIONS, INSPECT FREQUENTLY BEFORE, DURING, AND AFTER PUMPING OPERATIONS. REMOVE THE SEDIMENT DEPOSITS WHEN SEDIMENT DEPOSITS REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
2. REPLACE OR REPAIR THE BARRIER WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE BARRIER HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BY THE BARRIER BECAUSE:
 - (a) THE BARRIER HAS BEEN OVERTOPPED, UNDERCUT OR BYPASSED BY RUNOFF WATER,
 - (b) THE BARRIER HAS BEEN MOVED OUT OF POSITION, OR
 - (c) THE BALES HAVE DETERIORATED OR BEEN DAMAGED.
3. WHEN REPETITIVE FAILURES OCCUR AT THE SAME LOCATION, REVIEW CONDITIONS AND LIMITATIONS FOR USE AND DETERMINE IF ADDITIONAL CONTROLS ARE NEEDED TO REDUCE FAILURE RATE OR REPLACE HAY/STRAW BALE BARRIER.
4. MAINTAIN THE HAY/STRAW BALE BARRIER UNTIL THE CONTRIBUTING AREA IS STABILIZED. AFTER THE UP SLOPE AREAS HAVE BEEN PERMANENTLY STABILIZED, PULL THE STAKES OUT OF THE HAY BALES. REMOVE SEDIMENT.

DUST CONTROL:

DUST FROM THE SITE WILL BE CONTROLLED BY USING A MOBILE PRESSURE-TYPE DISTRIBUTOR TRUCK THAT WILL APPLY POTABLE WATER AT RATE OF 300 GALLONS PER ACRE AND MINIMIZED AS NEEDED TO AVOID PONDING.

INSTALLATION SCHEDULE: DUST CONTROL WILL BE IMPLEMENTED AS NEEDED ONCE SITE GRADING HAS BEEN INITIATED, AND DURING WINDY CONDITIONS EXCEEDING 20MPH. WHILE SITE GRADING IS OCCURRING, SPRAYING OF WATER WILL BE PERFORMED ONCE PER DAY DURING THE MONTHS OF MARCH THROUGH MAY AND NO MORE THAN THREE TIMES PER DAY FROM JUNE TO SEPTEMBER OR WHENEVER DRYNESS OF SOIL WARRANTS IT.

MAINTENANCE SCHEDULE: AT LEAST ONE MOBILE UNIT WILL BE AVAILABLE AT ALL TIMES DURING CONSTRUCTION TO APPLY WATER. EACH MOBILE UNIT SHALL BE EQUIPPED WITH A POSITIVE SHUTOFF VALVE TO PREVENT OVER WATERING OF DISTURBED AREAS.

SOIL STABILIZATION

FINAL STABILIZATION:

PERMANENT SEEDING SHOULD BE APPLIED IMMEDIATELY AFTER THE FINAL DESIGN GRADES ARE ACHIEVED AT THE SITE BUT NO LATER THAN 14 DAYS AFTER CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED. AFTER THE ENTIRE SITE IS STABILIZED, ANY SEDIMENT THAT HAS ACCUMULATED WILL BE REMOVED AND HAULED OFF SITE TO A LICENSED LANDFILL FACILITY. CONSTRUCTION DEBRIS, TRASH, AND TEMPORARY BMP'S WILL ALSO BE REMOVED AND ANY AREAS DISTURBED DURING REMOVAL WILL BE SEEDED IMMEDIATELY.

SEEDBED PREPARATION:

1. TOPSOIL WILL BE SPREAD OVER FINAL GRADED AREAS AT A MINIMUM DEPTH OF FOUR INCHES. TOPSOIL SHALL INCLUDESIVELY MEAN A SOIL MEETING ONE OF THE FOLLOWING SOIL TEXTURAL CLASSES ESTABLISHED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE CLASSIFICATION SYSTEM BASED UPON THE PROPORTION OF SAND, SILT, AND CLAY SIZE PARTICLES AFTER PASSING A TWO MILLIMETER (MM) SIEVE AND SUBJECTED TO A PARTICLE SIZE ANALYSIS:
 - 1.1. LOAMY SAND, INCLUDING COARSE, LOAMY FINE, AND LOAMY VERY FINE SAND, SANDY LOAM, INCLUDING COARSE, FINE AND VERY FINE SANDY LOAM, LOAM, OR SILT LOAM WITH NO MORE THAN 60R SILT;
 - 1.2. CONTAINING NOT LESS THAN 6% AND NOT MORE THAN 20% ORGANIC MATTER AS DETERMINED BY LOSS-ON-IGNITION OF OVEN DRIED SAMPLES DRIED AT 105 DEGREES CENTIGRADE;
 - 1.3. POSSESSING A PH RANGE OF 6.0-7.5, EXCEPT IF THE VEGETATIVE PRACTICE BEING USED SPECIFICALLY REQUIRES A LOWER PH, THEN PH MAY BE ADJUSTED ACCORDINGLY;
 - 1.4. HAVING SOLUBLE SALTS NOT EXCEEDING 500 PPM;
 - 1.5. AND THAT IS LOOSE AND FRAGILE AND FREE FROM REFUSE, STUMPS, ROOTS, BRUSH, WEEDS, FROZEN PARTICLES, ROCKS, AND STONES OVER 1.25 INCHES IN DIAMETER, AND ANY MATERIAL THAT WILL PREVENT THE FORMATION OF A SUITABLE SEEDBED OR PREVENT SEED GERMINATION AND PLANT GROWTH.
 2. FERTILIZER WILL BE APPLIED TO THE SEEDBED AS NEEDED. FERTILIZERS WILL BE COMMERCIAL TYPE OF UNIFORM COMPOSITION, FREE-FLOWING AND CONFORMING TO THE APPLICABLE STATE AND FEDERAL LAWS. CHOOSE NATIVE SPECIES THAT ARE ADAPTED TO LOCAL WEATHER AND SOIL CONDITIONS WHEREVER POSSIBLE TO REDUCE WATER AND FERTILIZER INPUTS AND LOWER MAINTENANCE OVERALL.
 3. TOPSOIL WILL BE LOOSENEED BY RAKING, TILLING OR OTHER SUITABLE METHODS.
- FINAL STABILIZATION SHOULD BE INSTALLED ON PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY CEASED BUT NO LATER THAN 14 DAYS AFTER CONSTRUCTION CEASES.
- ALL SEEDED AREAS WILL BE INSPECTED WEEKLY DURING CONSTRUCTION ACTIVITIES FOR FAILURE UNTIL A DENSE COVER OF VEGETATION HAS BEEN ESTABLISHED. IF FAILURE IS NOTICED ON THE SEEDED AREA, THE AREA WILL BE RESEEDED, FERTILIZED AND MULCHED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETE AT THE SITE. PERMANENT STABILIZATION MEASURES WILL BE MONITORED UNTIL FINAL STABILIZATION IS REACHED.

SEED MIXTURE FOR UPLAND AREAS

	LBS./ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREeping RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.10
	45	1.00

THE RECOMMENDED SEEDING DATES ARE: APRIL 1-JUNE 15 AND AUGUST 1-SEPTEMBER 15. SEE FIGURE PS-2 IN THE 2002 GUIDELINES FOR ADDITIONAL PERMANENT SEED MIXES.

SPILL PREVENTION AND CONTROL PLAN:

1. VEHICLE FUELING: REFUELING OF VEHICLES AND EQUIPMENT SHALL BE CONDUCTED IN A DESIGNATED LAYDOWN AREA, AT LEAST 100 FEET FROM WETLANDS OR DRAINAGE STRUCTURES. THE LOCATION WITHIN THE LAYDOWN AREA SHALL BE COMPOSED OF AN IMPERVIOUS SURFACE WITHOUT ACCESS TO ANY SUBSURFACE DRAINAGE STRUCTURES. A SPILL CLEANUP KIT SHALL BE MAINTAINED AT THE FUELING LOCATION.
2. HAZARDOUS MATERIAL STORAGE: HAZARDOUS MATERIALS INCLUDING BUT NOT LIMITED TO FUEL, OIL AND PETROLEUM PRODUCTS AND SOLVENTS WILL BE STORED IN AN APPROVED COVERED STORAGE UNIT AND PROVIDED WITH SECURED SECONDARY CONTAINMENT WITH AN IMPERVIOUS FLOOR IN ACCORDANCE WITH FEDERAL AND MUNICIPAL REGULATIONS.
3. MATERIAL SAFETY DATA SHEETS: A MATERIAL INVENTORY, AND EMERGENCY CONTACT INFORMATION WILL BE MAINTAINED AT THE ON-SITE PROJECT OFFICES.
4. SPILL KITS: SPILL KITS WILL BE STORED WITHIN THE MATERIAL STORAGE AREA, CONCRETE WASHOUT AREAS, AND DESIGNATED FUELING AREA.
5. SPILLS: ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. SPENT ABSORBENT MATERIALS AND RAGS SHALL BE PLACED IN A SEALED DRUM AND WILL BE HAULED OFF-SITE IMMEDIATELY AFTER THE SPILL IS CLEANED UP FOR DISPOSAL AT THE APPROPRIATE LANDFILL. SPILLS OR RELEASES OF HAZARDOUS CHEMICALS OR PETROLEUM PRODUCTS SHALL BE PROMPTLY REPORTED TO CTDEEP AT 1-800-424-3338 AND THE NATIONAL RESPONSE CENTER 1-800-424-8802.

IN ACCORDANCE WITH CONNECTICUT GENERAL STATUTES THE CONTRACTOR SHALL WITHIN 24 HOURS OF VERBAL NOTIFICATION COMPLETELY REMOVE PETROLEUM OR CHEMICAL PRODUCT DISCHARGE, SPILLAGE OR RELEASE AND MAIL IT TO: CTDEEP, BUREAU OF WASTE MANAGEMENT, 79 ELM STREET, HARTFORD, CT, 06106-5127.

INSTALLATION SCHEDULE: THE SPILL PREVENTION AND CONTROL PROCEDURES WILL BE IMPLEMENTED ONCE CONSTRUCTION BEGINS ON-SITE.

SPILL PREVENTION AND CONTROL

BEST MANAGEMENT PRACTICES (BMP'S) DESCRIPTION:

1. MATERIAL HANDLING AND WASTE MANAGEMENT:

WASTE MATERIALS:

ALL WASTE MATERIALS WILL BE COLLECTED AND DISPOSED OF INTO METAL WASTE DUMPSTERS IN DESIGNATED AREAS. DUMPSTERS WILL HAVE A SECURE TIGHT LID, BE PLACED AWAY FROM STORM WATER DRAINS AND STRUCTURES, AND WILL MEET ALL FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS. ONLY TRASH AND CONSTRUCTION DEBRIS WILL BE PLACED IN THE DUMPSTERS. CONSTRUCTION MATERIALS WILL NOT BE BURIED ON SITE.

MAINTENANCE AND INSPECTION: THE DUMPSTERS WILL BE INSPECTED WEEKLY AND IMMEDIATELY AFTER STORM EVENTS. THE DUMPSITER WILL BE EMPTIED WEEKLY OR MORE FREQUENTLY IF NEEDED, AND TAKEN TO THE APPROPRIATE LANDFILL.

HAZARDOUS WASTE MATERIALS:

BMP DESCRIPTION: ALL HAZARDOUS WASTE MATERIALS INCLUDING OIL FILTERS, PETROLEUM PRODUCTS, PAINT, AND EQUIPMENT MAINTENANCE FLUIDS WILL BE STORED IN STRUCTURALLY SOUND AND SEALED SHIPPING CONTAINERS IN A DESIGNATED AREA. HAZARDOUS WASTE MATERIALS WILL BE STORED IN APPROPRIATELY CLEARLY MARKED CONTAINERS AND SEGREGATED FROM OTHER NON-WASTE MATERIALS. SECONDARY CONTAINMENT WILL BE PROVIDED FOR ALL WASTE MATERIALS IN A DESIGNATED AREA AND WILL CONSIST OF COMMERCIALY AVAILABLE SPILL PALLETS. ADDITIONALLY, ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS. HAZARDOUS WASTE MATERIALS WILL NOT BE DISPOSED OF INTO THE ON-SITE DUMPSTERS.

MAINTENANCE AND INSPECTION: THE HAZARDOUS WASTE MATERIALS AREA WILL BE INSPECTED WEEKLY AND AFTER STORM EVENTS. THE STORAGE AREA WILL BE KEPT CLEAN, WELL ORGANIZED AND EQUIPPED WITH AMPLE CLEANUP SUPPLIES AS APPROPRIATE FOR THE MATERIALS BEING STORED. MATERIAL SAFETY DATA SHEETS, MATERIAL INVENTORY, AND EMERGENCY CONTACT NUMBERS WILL BE MAINTAINED IN THE OFFICE TRAILER.

SANITARY WASTE:

BMP DESCRIPTION: PORTABLE TOILETS, LOCATED IN THE STAGING AREA, WILL BE PROVIDED AT THE SITE THROUGHOUT THE CONSTRUCTION PHASE. THE TOILETS WILL BE LOCATED AWAY FROM CONCENTRATED DRAINAGE FLOW PATHS.

MAINTENANCE AND INSPECTION: SANITARY WASTE WILL BE COLLECTED A MINIMUM OF ONCE A WEEK AND SHALL BE INSPECTED WEEKLY FOR EVIDENCE OF LEAKING HOLDING TANKS.

RECYCLING:

BMP DESCRIPTION: WOOD PALLETS, CARDBOARD BOXES, AND OTHER RECYCLABLE CONSTRUCTION SCRAPS WILL BE DISPOSED OF IN A DESIGNATED DUMPSTER FOR RECYCLING. THE DUMPSITER WILL HAVE A SECURE WATERIGHT LID, BE PLACED AWAY FROM STORMWATER CONVEYANCES AND DRAINS AND MEET ALL LOCAL AND STATE SOLID-WASTE MANAGEMENT REGULATIONS. ONLY SOLID RECYCLABLE CONSTRUCTION SCRAPS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSITER.

MAINTENANCE AND INSPECTION: THE RECYCLING DUMPSITER WILL BE INSPECTED WEEKLY. THE RECYCLING DUMPSITER WILL BE EMPTIED WHEN FULL AND TAKEN TO AN APPROVED RECYCLING CENTER BY THE CONTRACTOR. IF RECYCLABLE CONSTRUCTION WASTES ARE EXCEEDING THE DUMPSITER'S CAPACITY, THE DUMPSITERS WILL BE EMPTIED MORE FREQUENTLY.

2. DESIGNATE WASHOUT AREAS:

CONCRETE WASHOUT

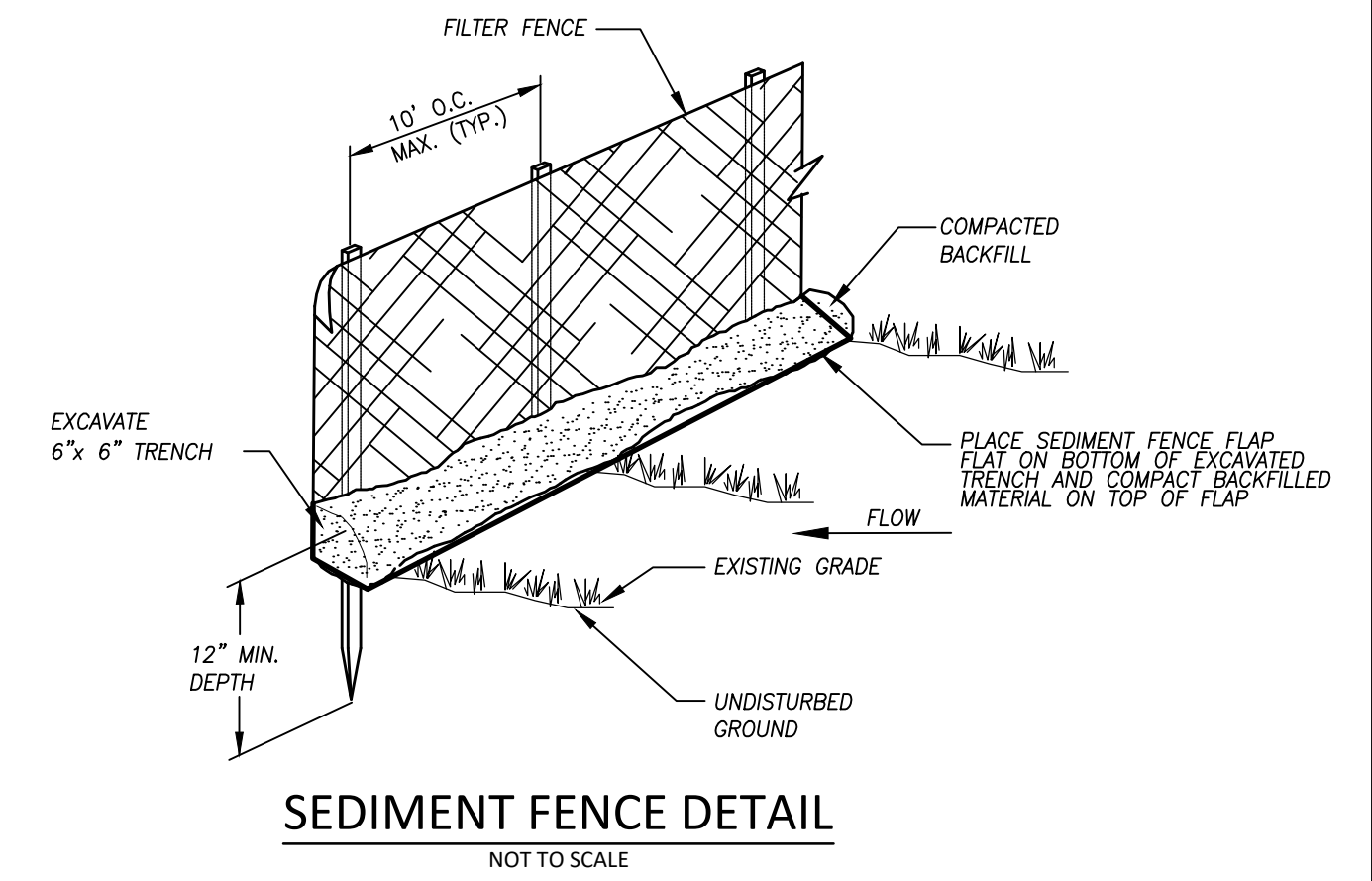
BMP DESCRIPTION: A TEMPORARY, ABOVE-GRADE CONCRETE WASHOUT AREA SHALL BE DESIGNATED. WHEN THE TEMPORARY WASHOUT AREA IS NO LONGER NEEDED FOR THE CONSTRUCTION PROJECT, THE HARDENED CONCRETE AND MATERIALS USED TO CONSTRUCT THE AREA WILL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS, AND THE AREA WILL BE STABILIZED.

INSTALLATION SCHEDULE: THE WASHOUT AREA WILL BE DESIGNATED BEFORE CONCRETE POURS OCCUR AT THE SITE.

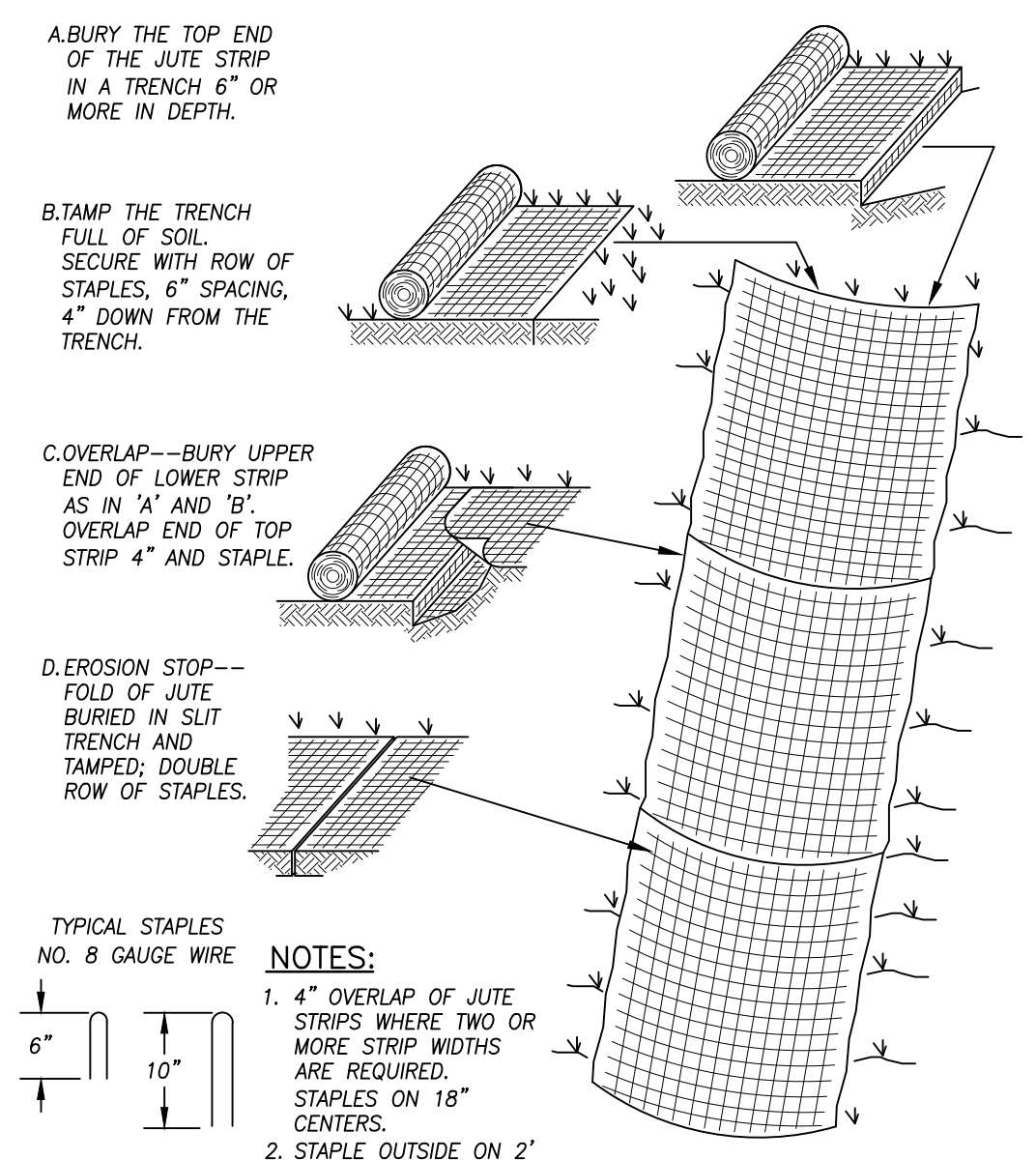
3. VEHICLE FUELING AND MAINTENANCE PRACTICES:

BMP DESCRIPTION: SEVERAL TYPES OF VEHICLES AND EQUIPMENT WILL BE USED ON-SITE THROUGHOUT THE PROJECT, INCLUDING GRADERS, EXCAVATORS, ROLLERS, TRUCKS AND TRAILERS, BACKHOES, AND FORKLIFTS. ALL MAJOR EQUIPMENT/VEHICLE FUELING WILL BE PERFORMED IN THE STAGING AREA. THIS PROPOSED ACTIVITY IS TO BE SITUATED SO THAT DRAINAGE FACILITIES OR WATER COURSES LOCATED IN THE AREA ARE NOT AT RISK FROM POTENTIAL INFILTRATION, ABSORBENT, SPILL-CLEANUP MATERIALS AND SPILL KITS WILL BE AVAILABLE AT THE COMBINED STAGING AND MATERIALS STORAGE AREA. FUEL WILL BE DELIVERED TO THE SITE ON AN AS NEEDED BASIS BY A FUEL DELIVERY SERVICE. FUELING OF EQUIPMENT WILL ONLY OCCUR IN DESIGNATED FUELING AREAS. NON-EMERGENCY VEHICLE MAINTENANCE INCLUDING WASHING IS PROHIBITED ON SITE.

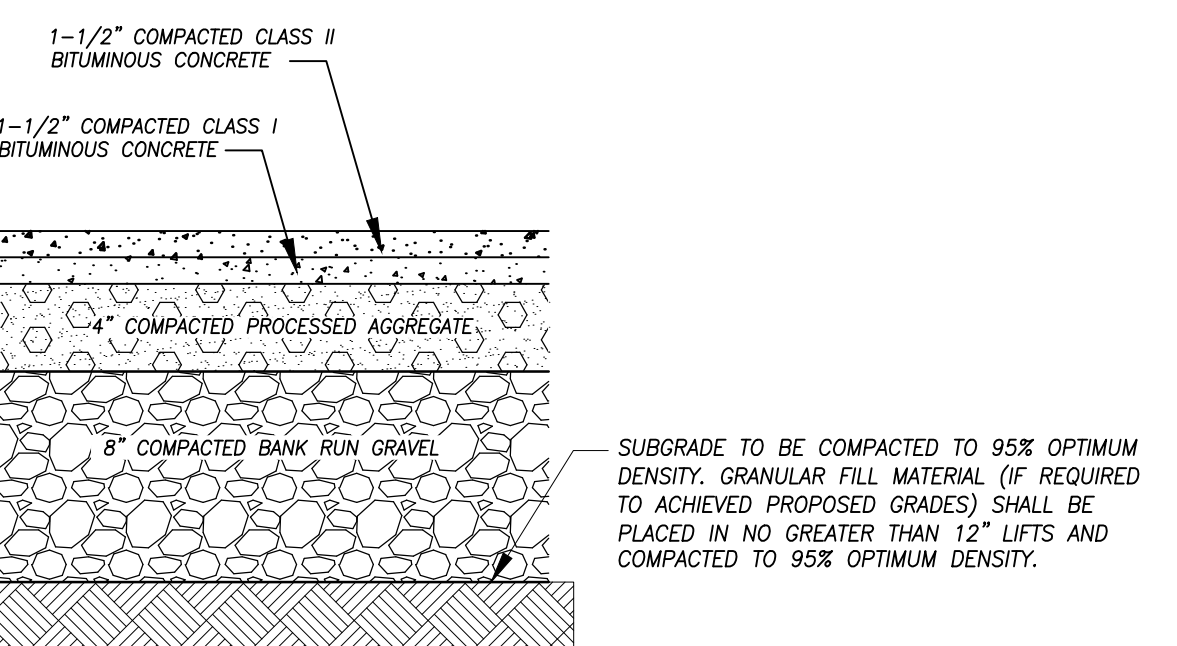
INSTALLATION SCHEDULE: BMP'S IMPLEMENTED FOR FUELING ACTIVITIES WILL BEGIN AT THE START OF THE PROJECT.



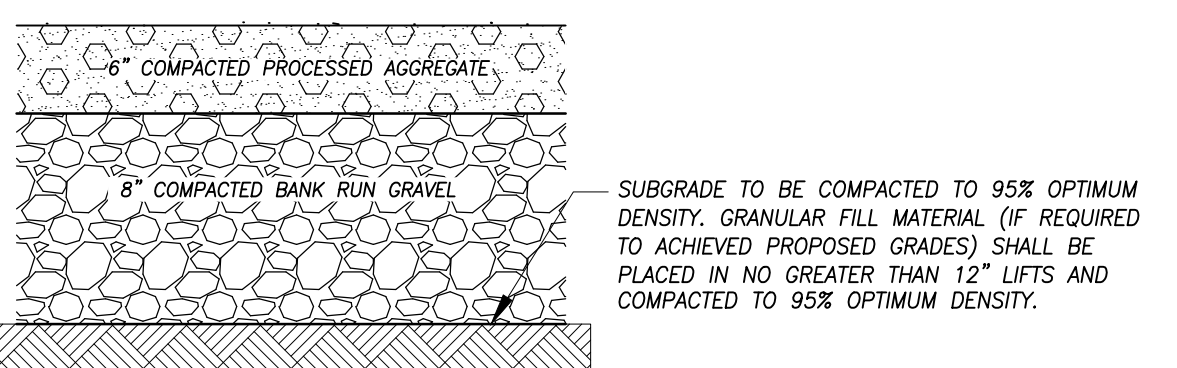
SEDIMENT FENCE DETAIL<



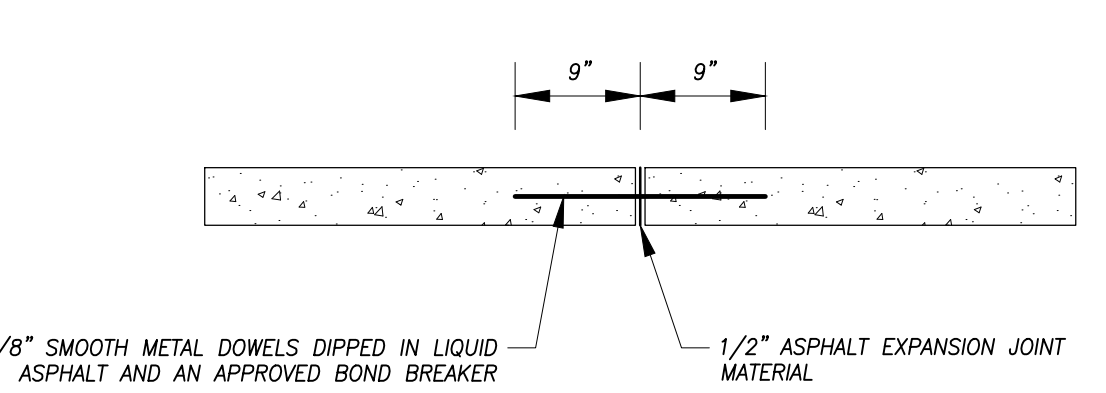
JUTE NETTING DETAIL
 NOT TO SCALE



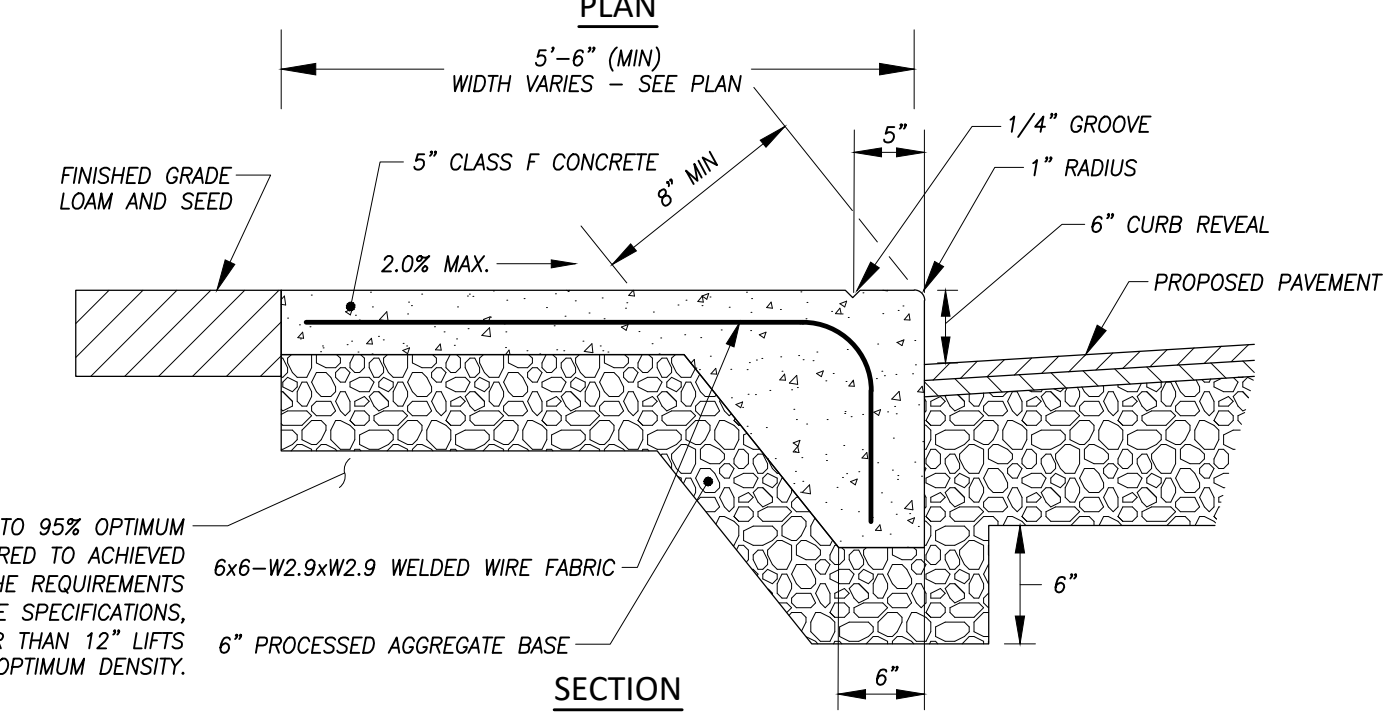
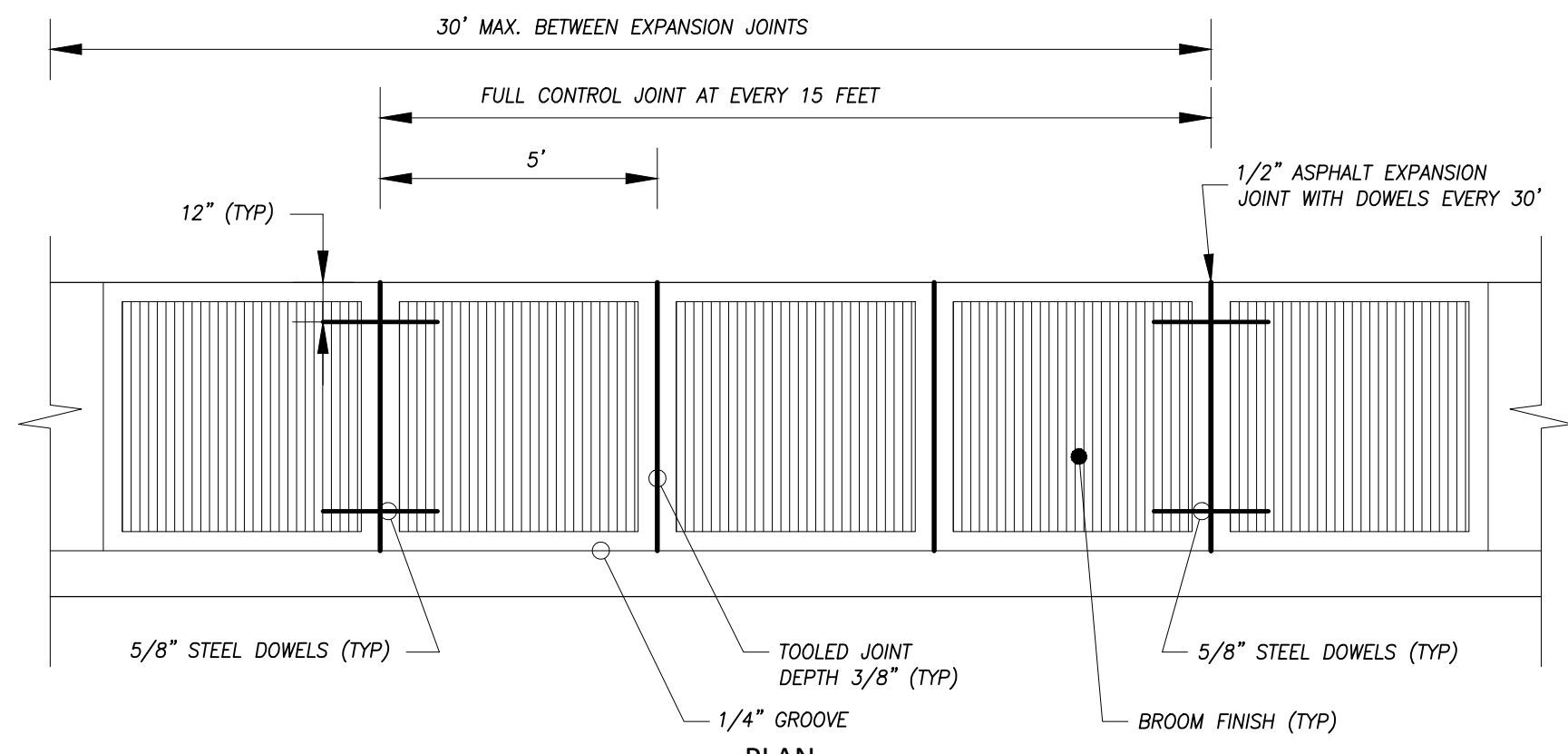
BITUMINOUS CONCRETE PAVEMENT DETAIL
 NOT TO SCALE



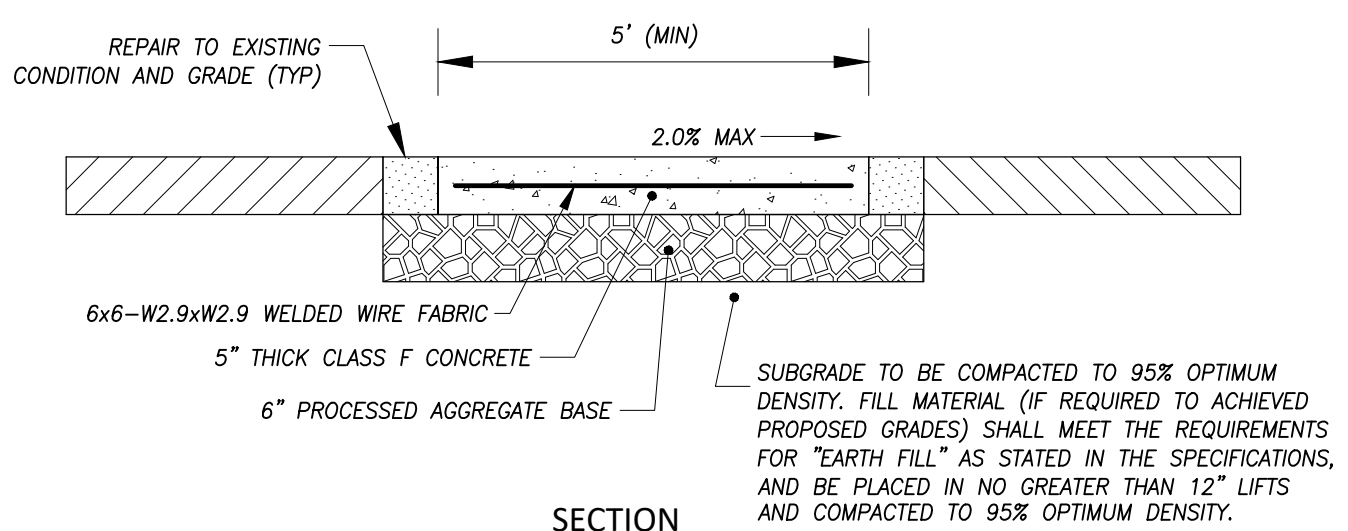
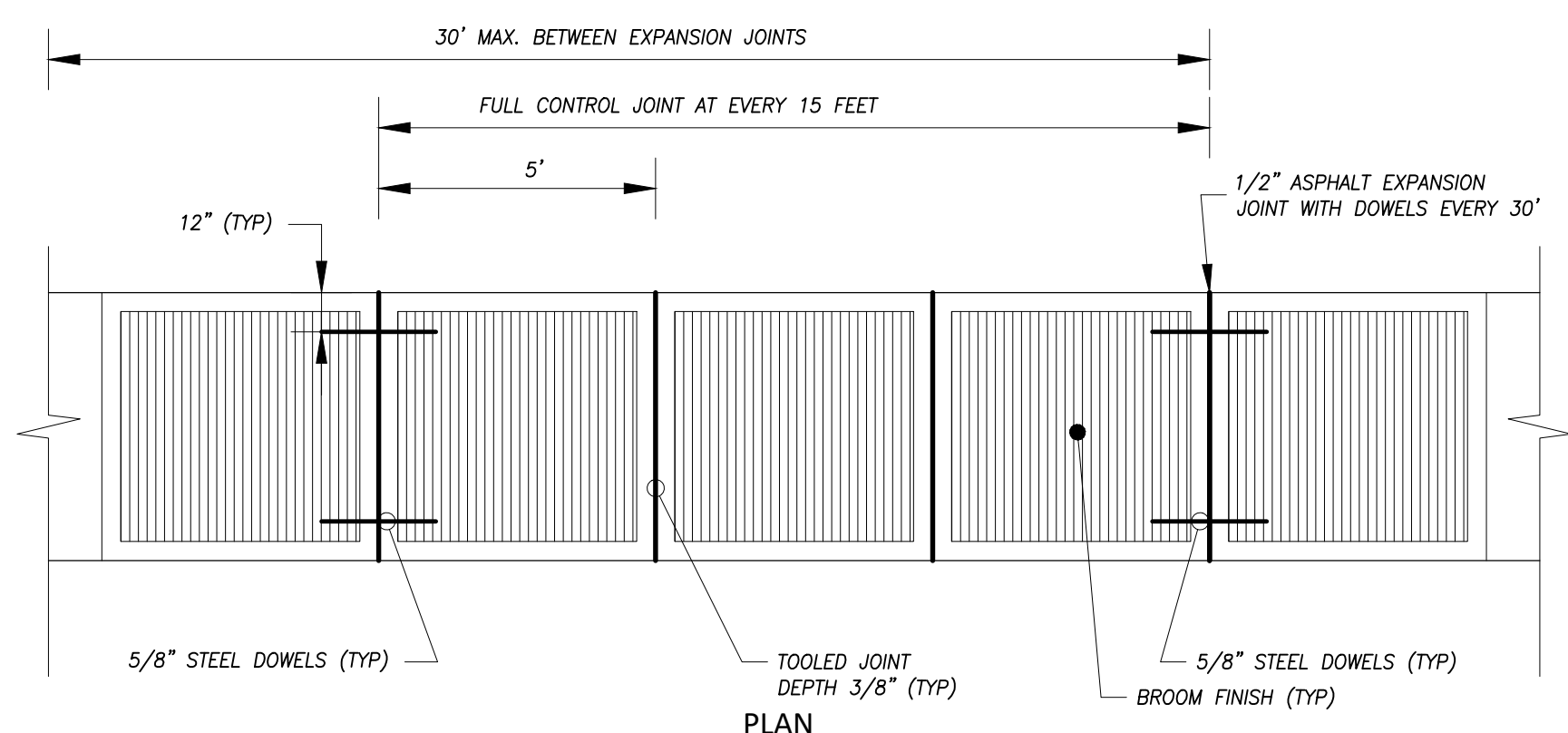
TRAFFIC BOUND GRAVEL SURFACE DETAIL
 NOT TO SCALE



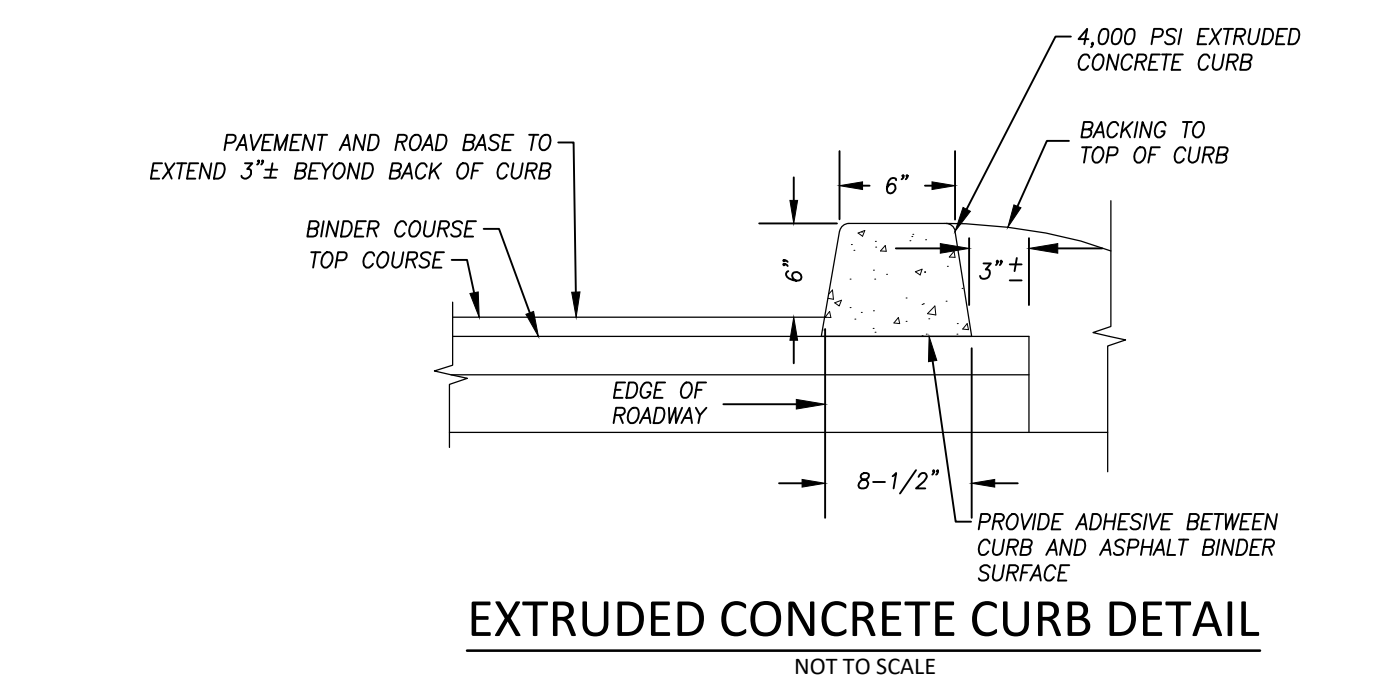
CONCRETE SIDEWALK EXPANSION JOINT DETAIL
 NOT TO SCALE



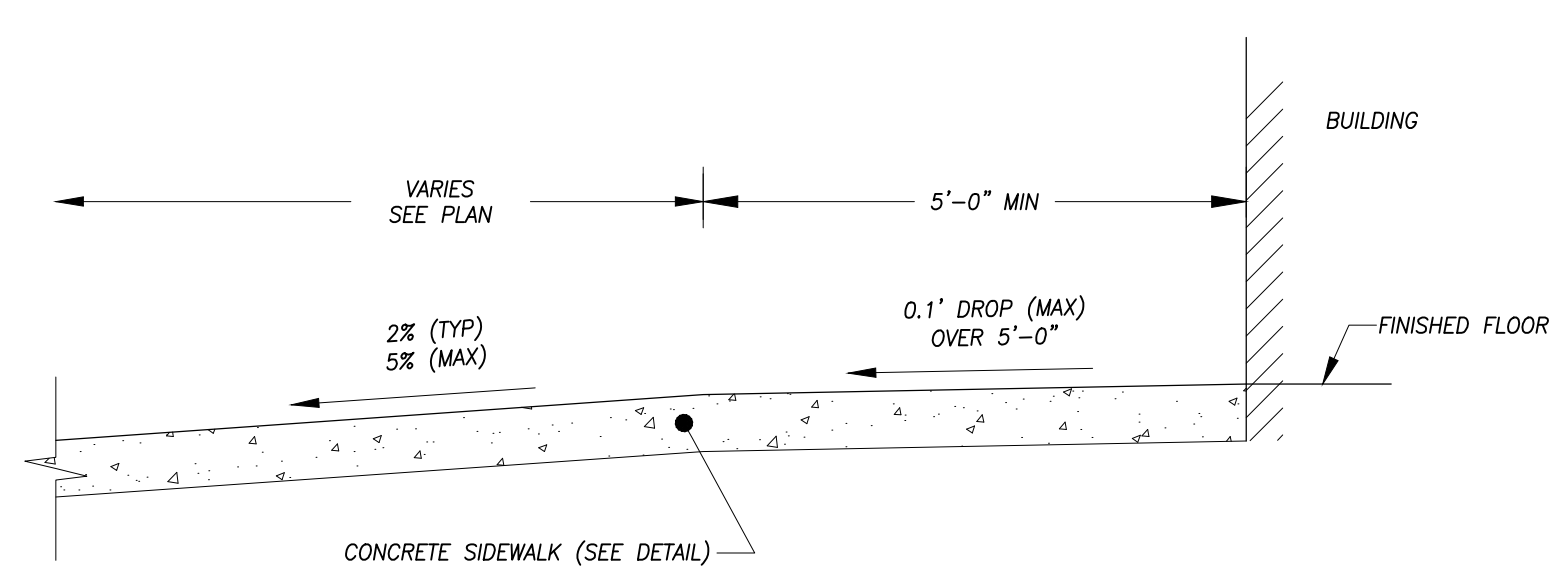
CONCRETE SIDEWALK WITH MONOLITHIC CURBING DETAIL
 NOT TO SCALE



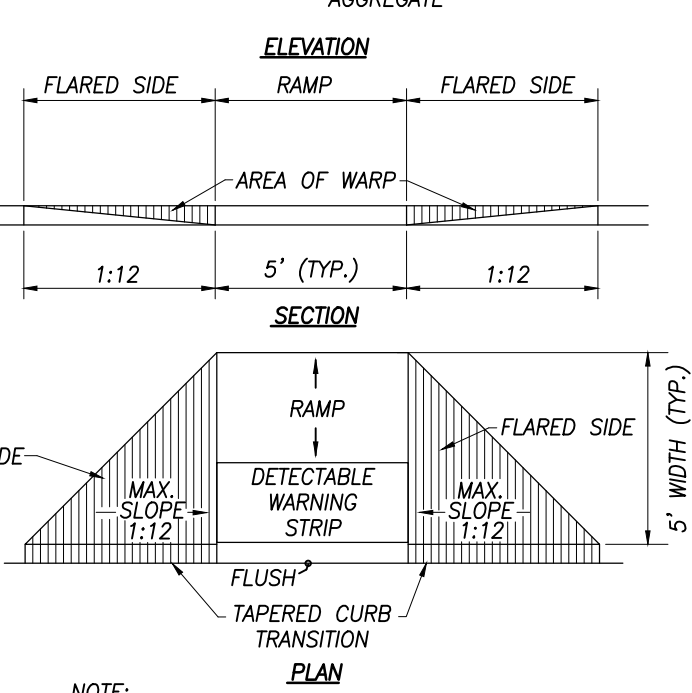
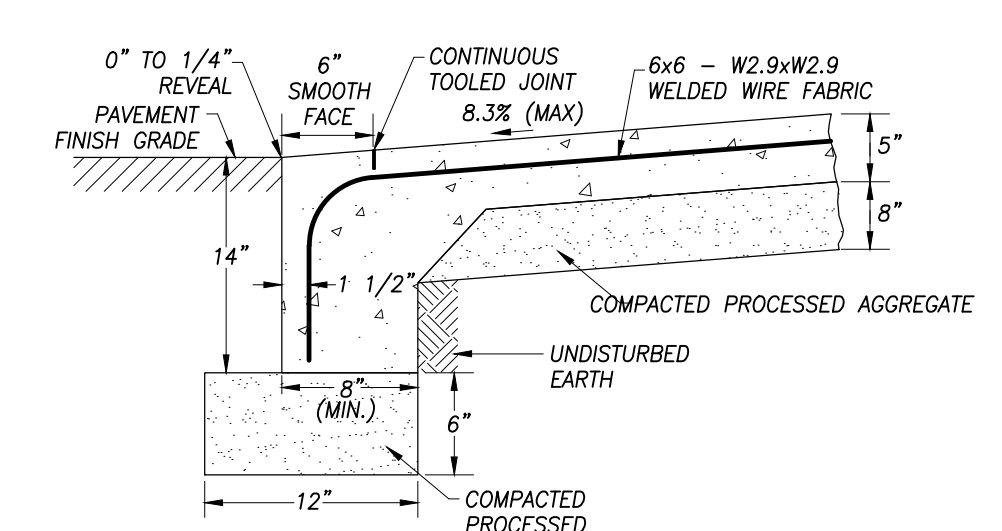
CONCRETE SIDEWALK DETAIL
 NOT TO SCALE



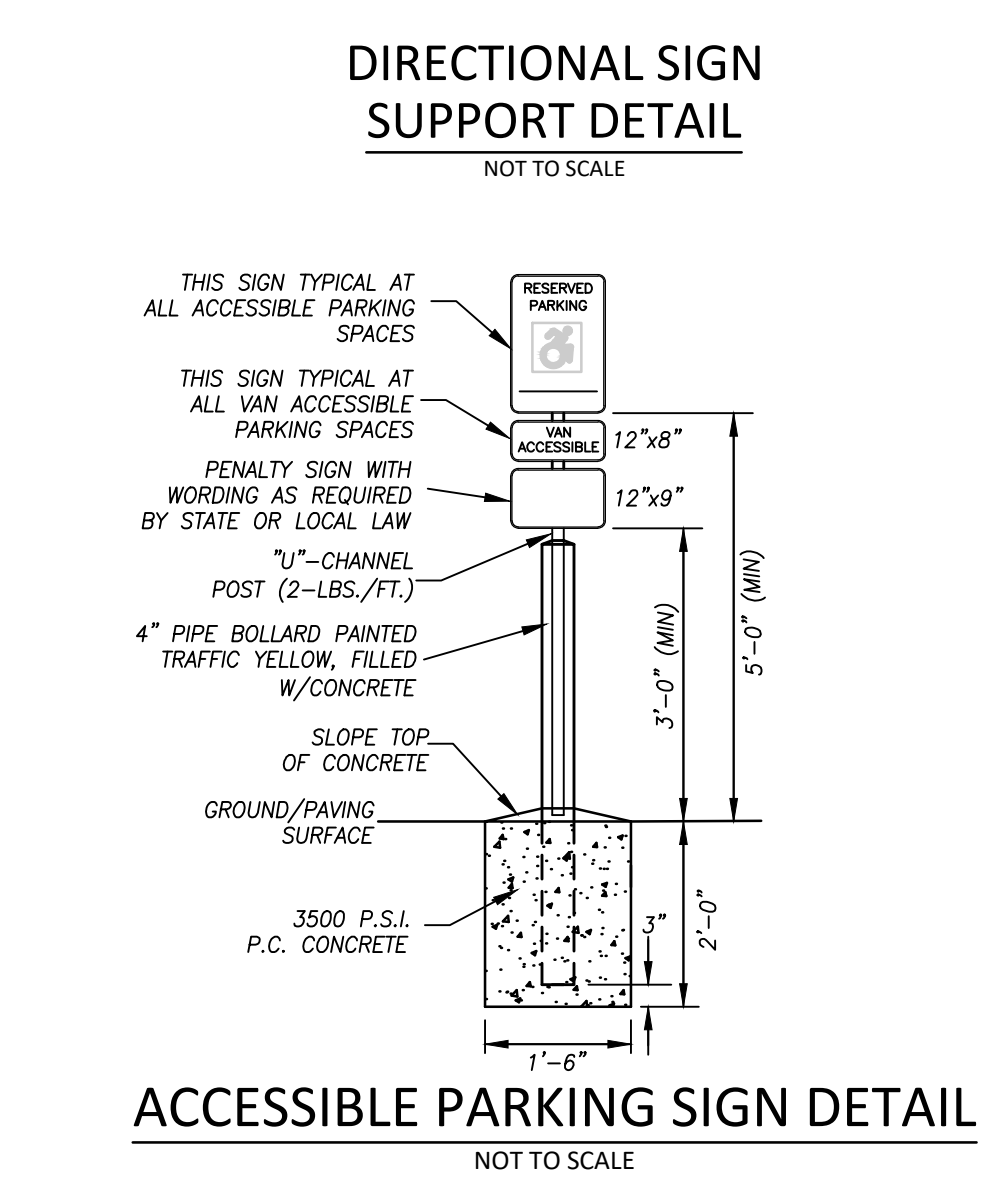
EXTRUDED CONCRETE CURB DETAIL
 NOT TO SCALE



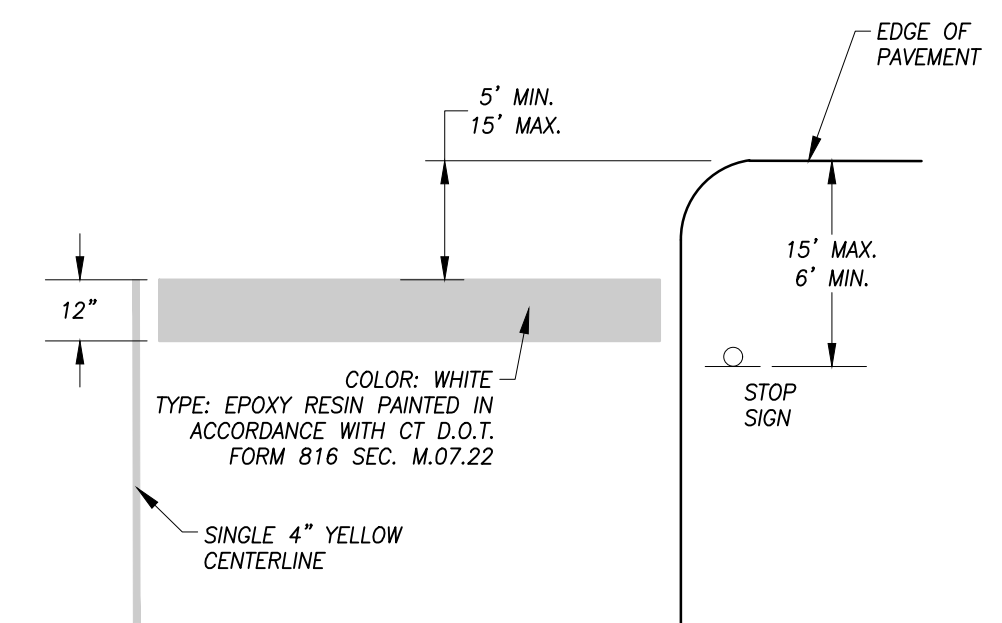
TYPICAL GRADING AT ENTRY DOORS
 NOT TO SCALE



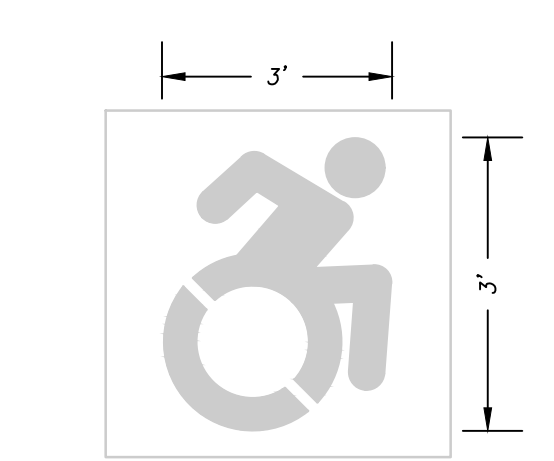
SIDEWALK RAMP DETAIL
 NOT TO SCALE



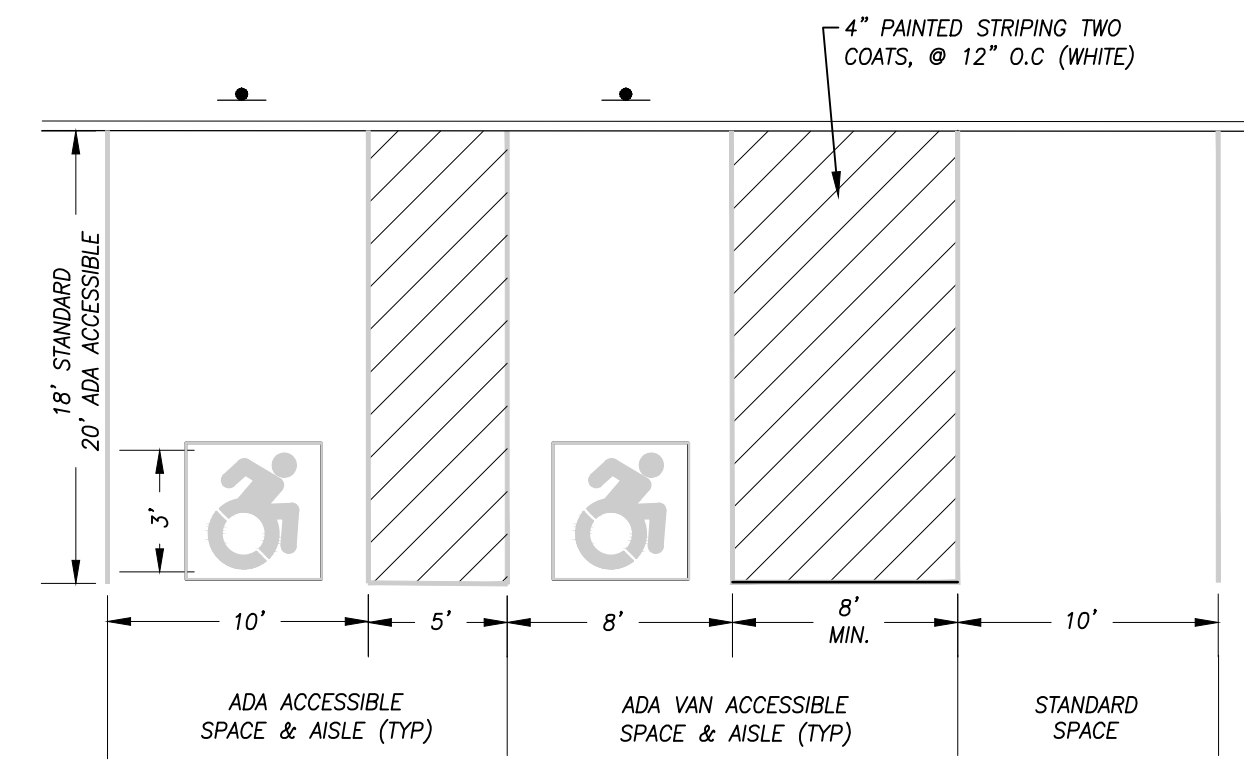
ACCESSIBLE PARKING SIGN DETAIL
 NOT TO SCALE



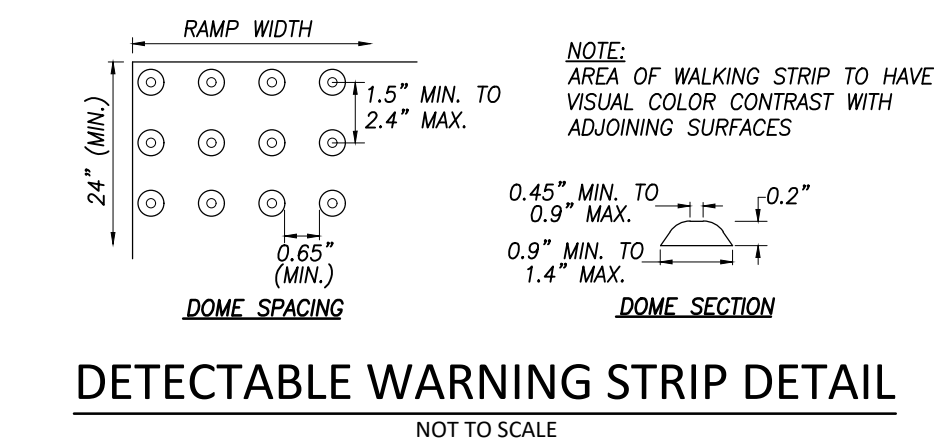
STOP BAR DETAIL
 NOT TO SCALE



ACCESSIBLE PARKING SPACE SYMBOL DETAIL
 NOT TO SCALE



PARKING SPACE DETAILS
 NOT TO SCALE

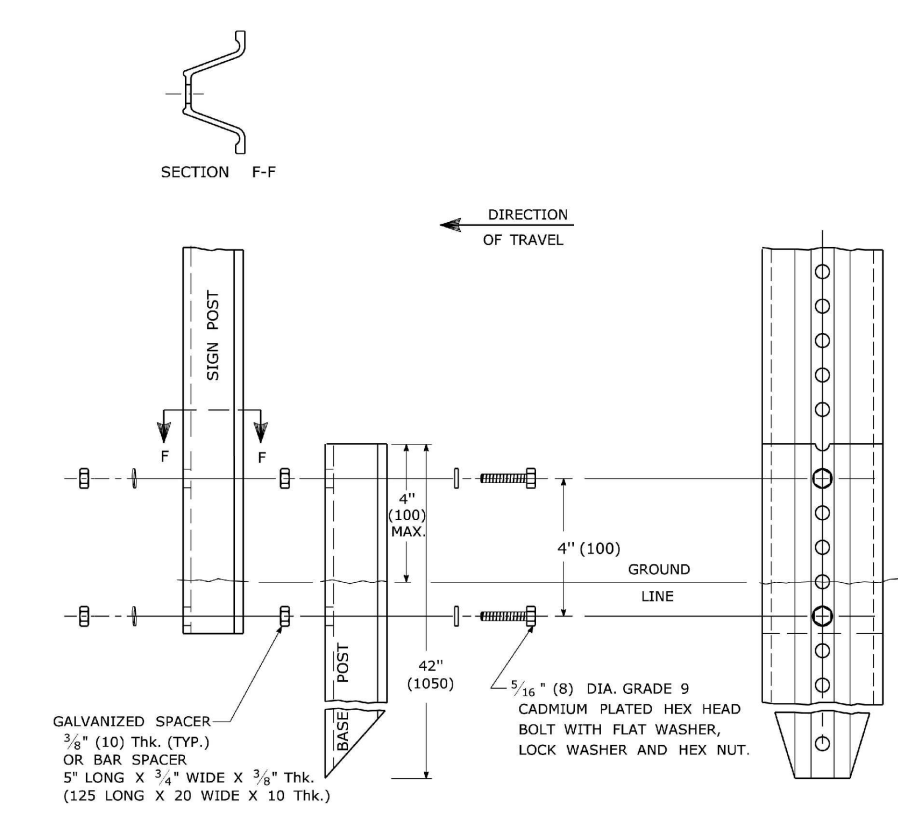


DETECTABLE WARNING STRIP DETAIL
 NOT TO SCALE

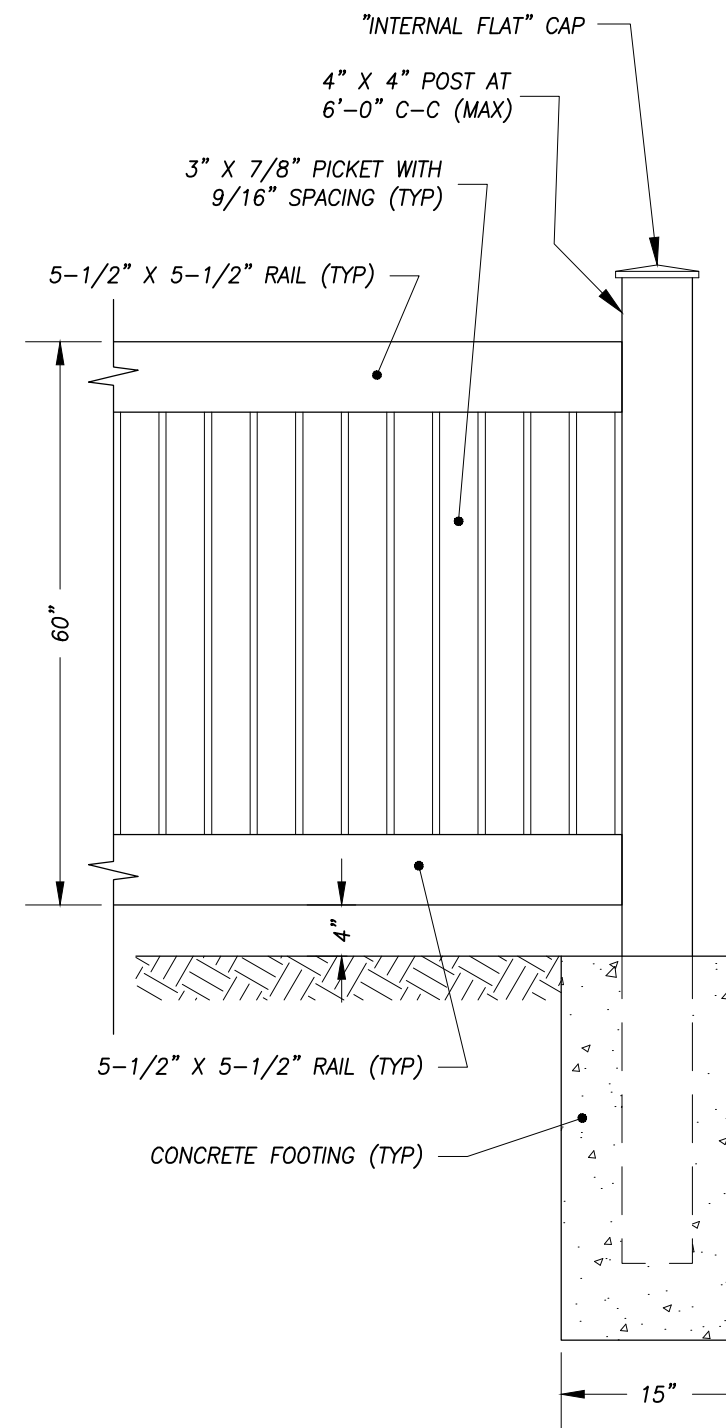
FOR PERMITTING
 06/15/2020

PLAN NOTES:
 1. SEE COVER SHEET FOR ENGINEER AND SURVEYOR SIGNATURES AND SEALS.

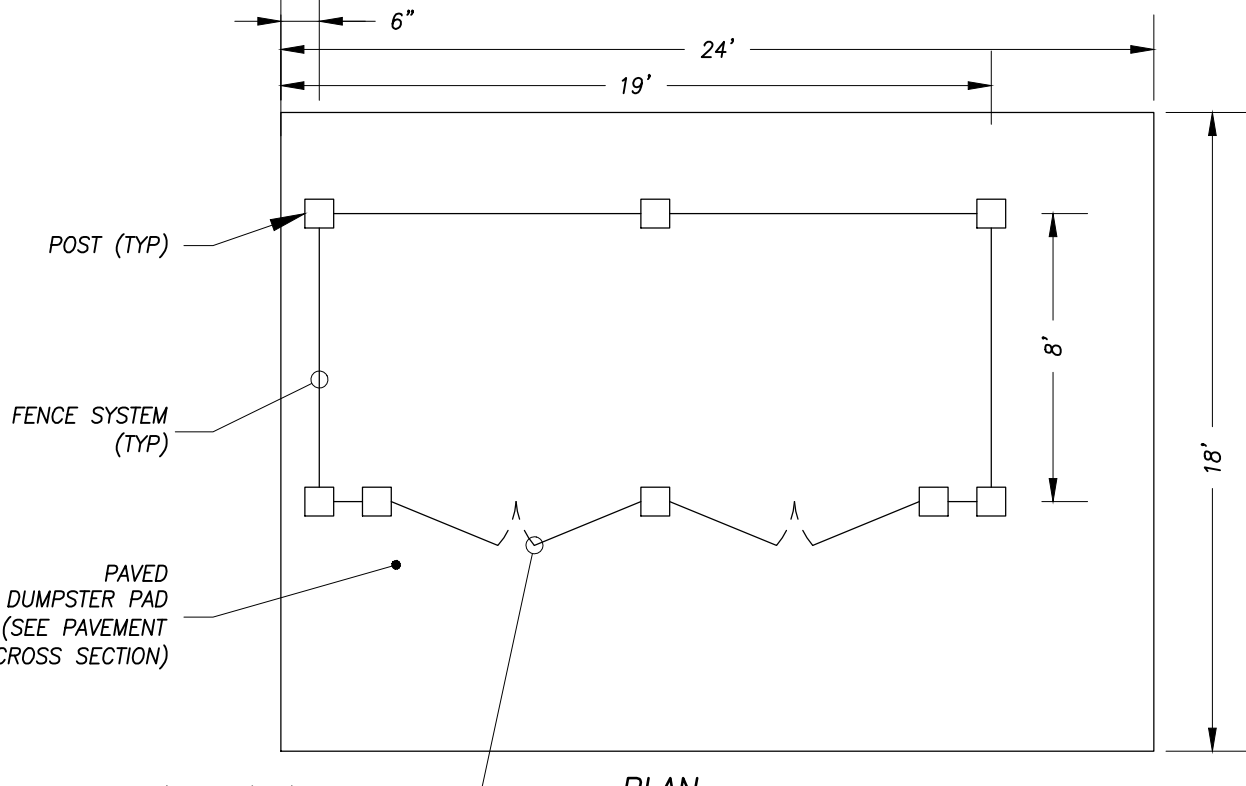
P:\CIVIL 3D PROJECTS\2020\20-2795-2 DREAM-MS2\DWG\DESIGN\4 NOTES DETAILS.DWG



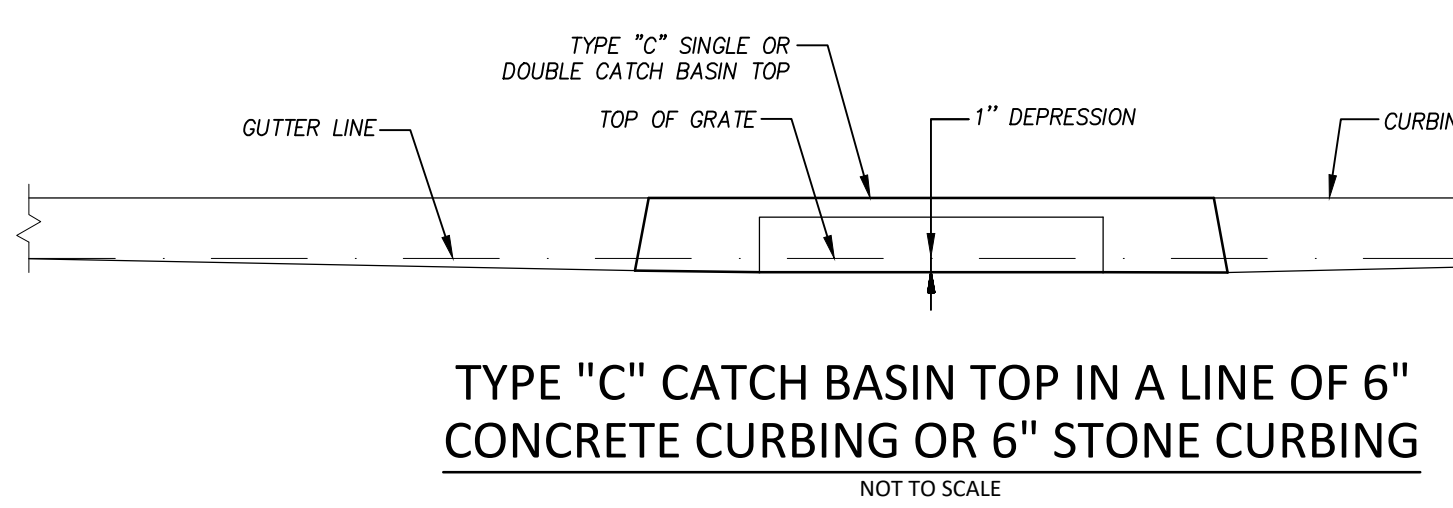
CT DOT BREAKAWAY TYPE II SIGN POST DETAIL
 NOT TO SCALE



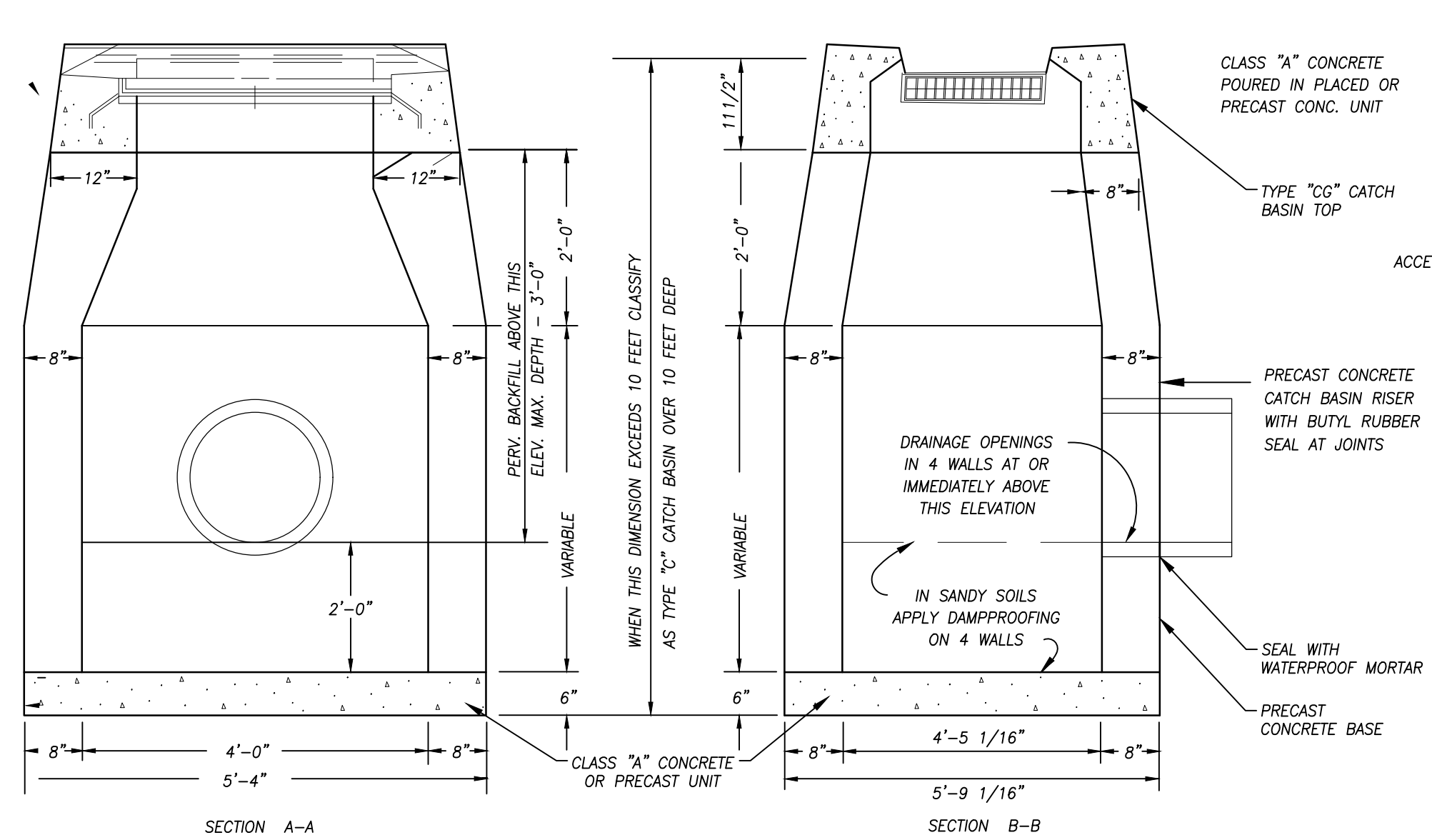
NOTES:
 1. FENCE TO BE "IMPERIAL" SEMI-PRIVATE FENCE SYSTEM IN COLOR WHITE AS MANUFACTURED BY BUFF-TECH, OR APPROVED EQUAL.
 2. PROVIDE EQUAL SPACING OF POSTS.



DUMPSTER ENCLOSURE DETAIL
 NOT TO SCALE

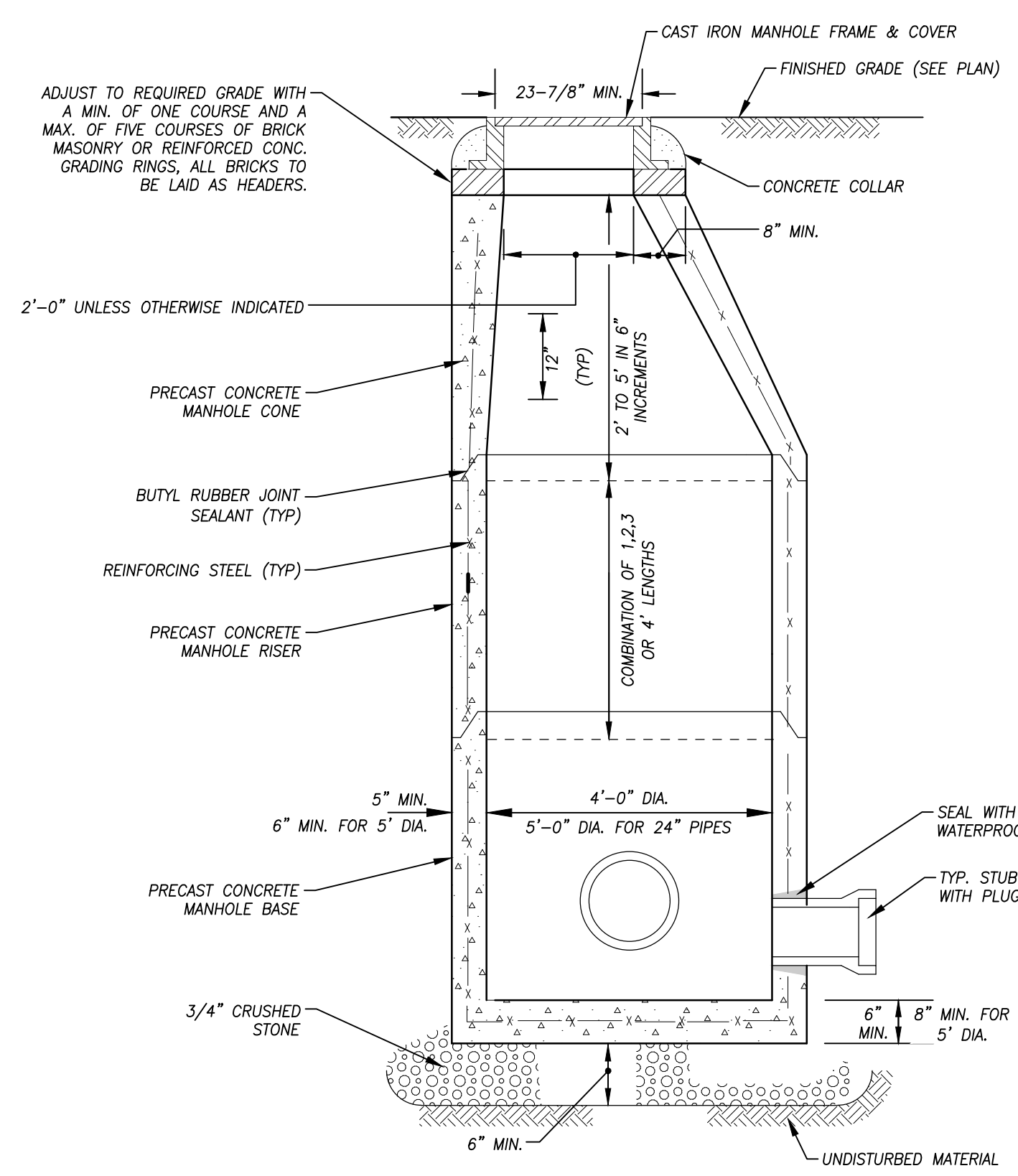


TYPE "C" CATCH BASIN TOP IN A LINE OF 6" CONCRETE CURBING OR 6" STONE CURBING
 NOT TO SCALE

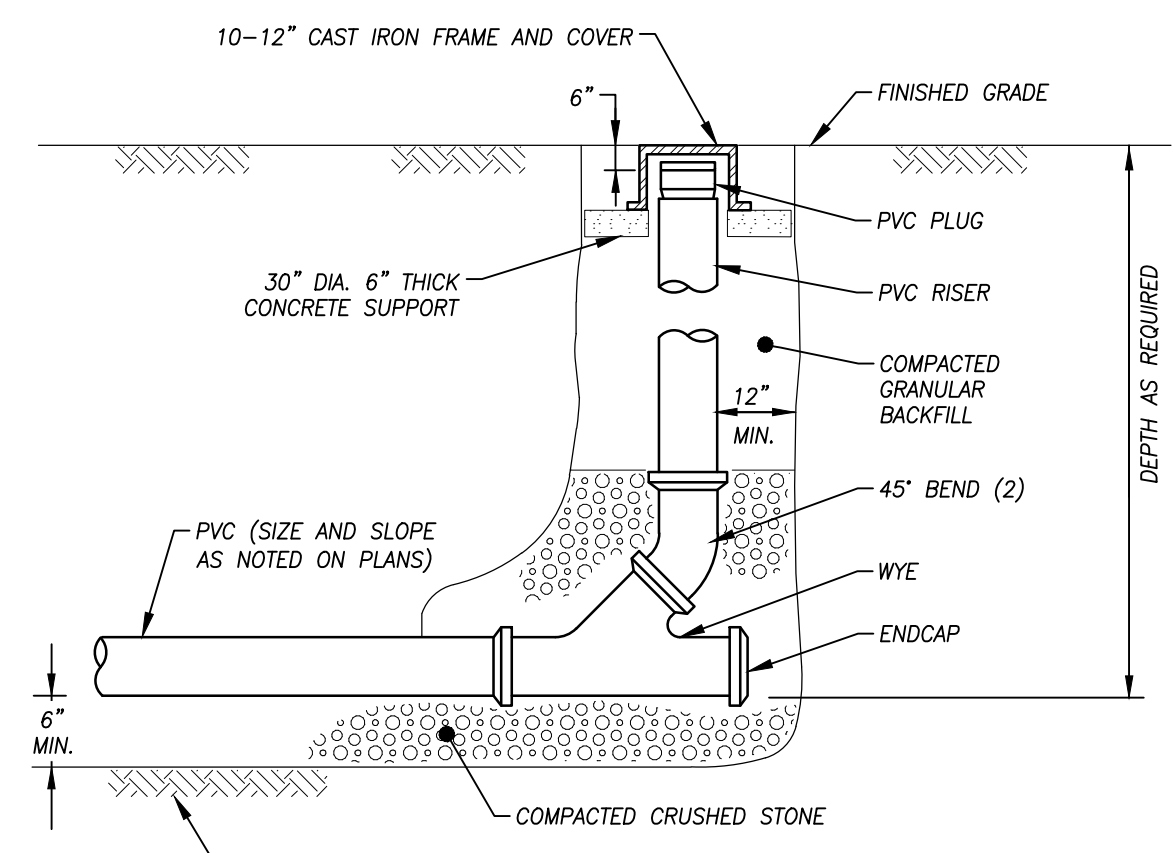


TYPE "C-G" CATCH BASIN
 NOT TO SCALE

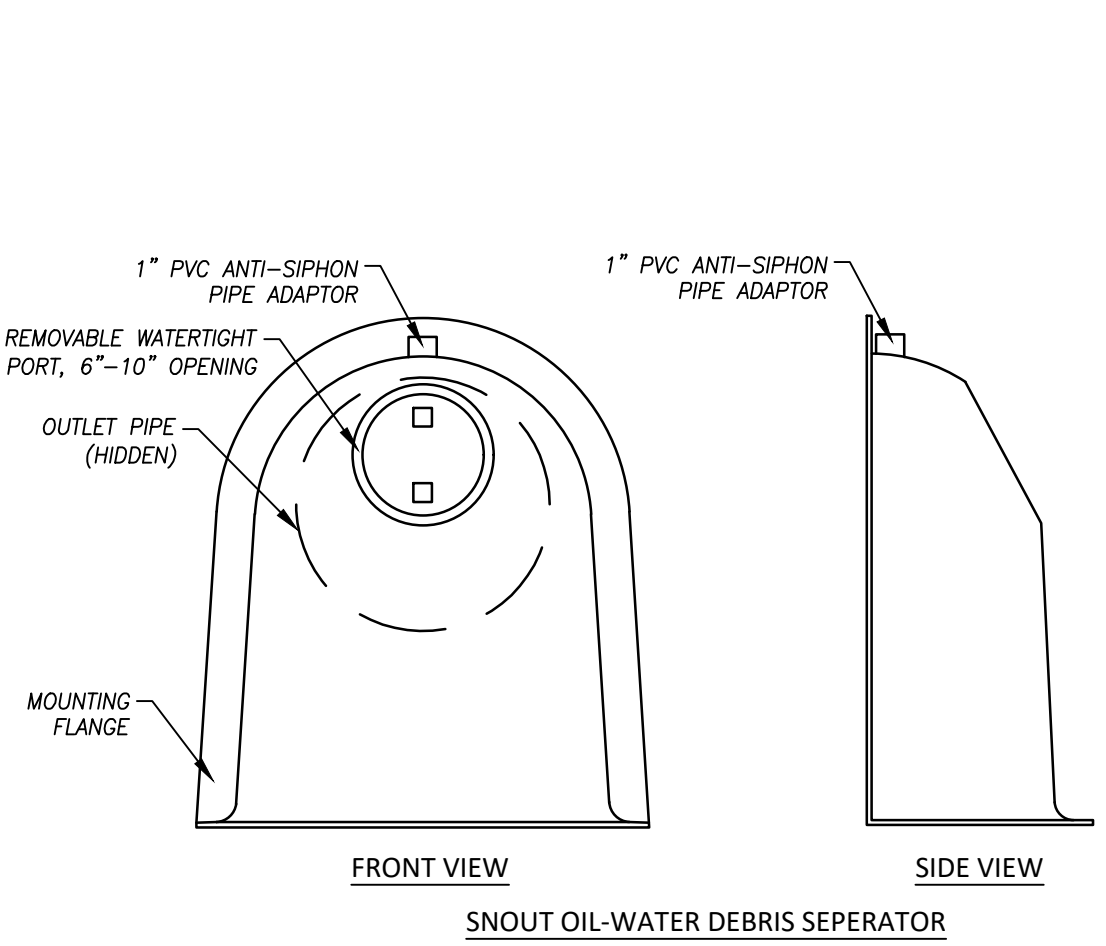
NOTES:
 1. CATCH BASIN TO BE CONSTRUCTED IN ACCORDANCE WITH CT DOT STANDARD DETAIL HW-507.01 AND TOPS TO BE PROVIDED IN ACCORDANCE WITH HW-507.07.
 2. WHERE PRECAST CONC. UNIT IS USED FOR SUMP, THE TOP OF THE UNIT SHALL BE AT LEAST 6" BELOW THE BOTTOM OF THE PIPE OUTLETTING FROM THE CATCH BASIN.



PRECAST CONCRETE STORM DRAIN MANHOLE DETAIL
 NOT TO SCALE

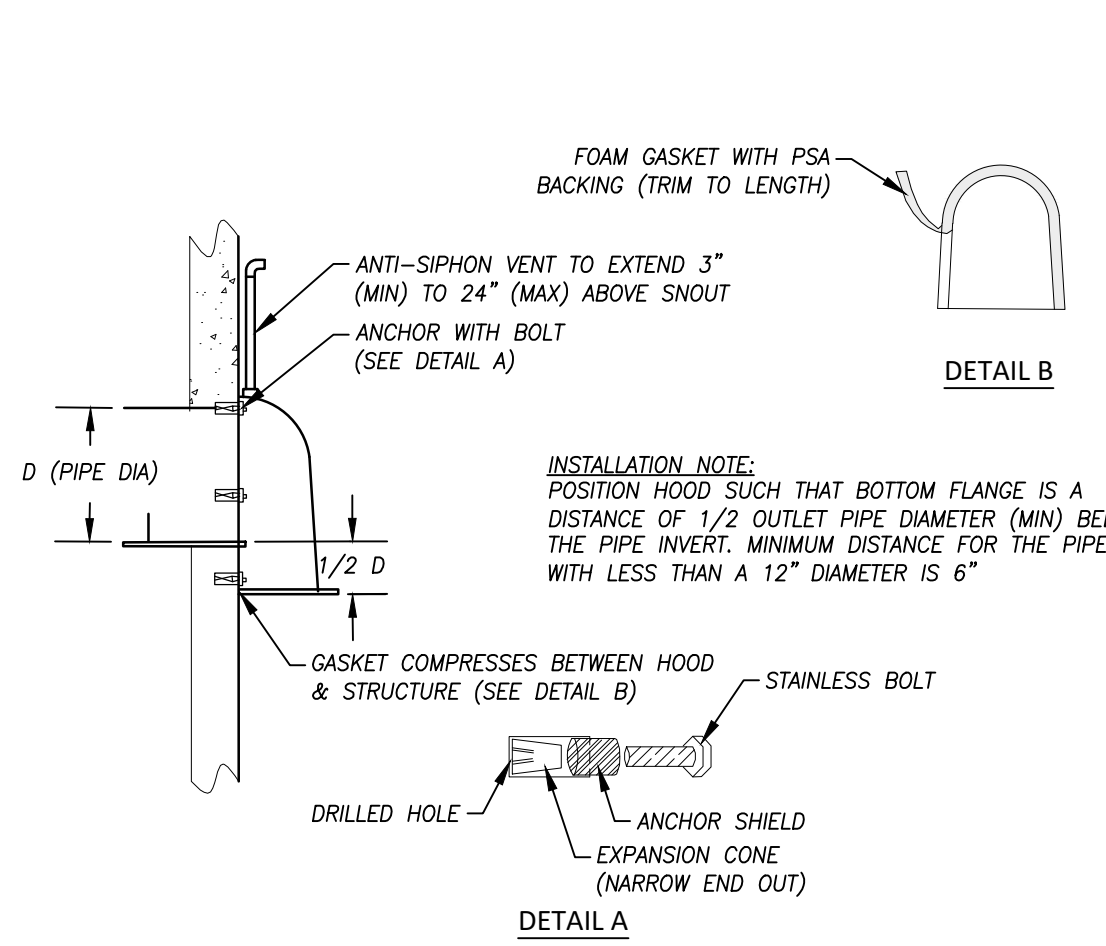


CLEANOUT DETAIL
 NOT TO SCALE



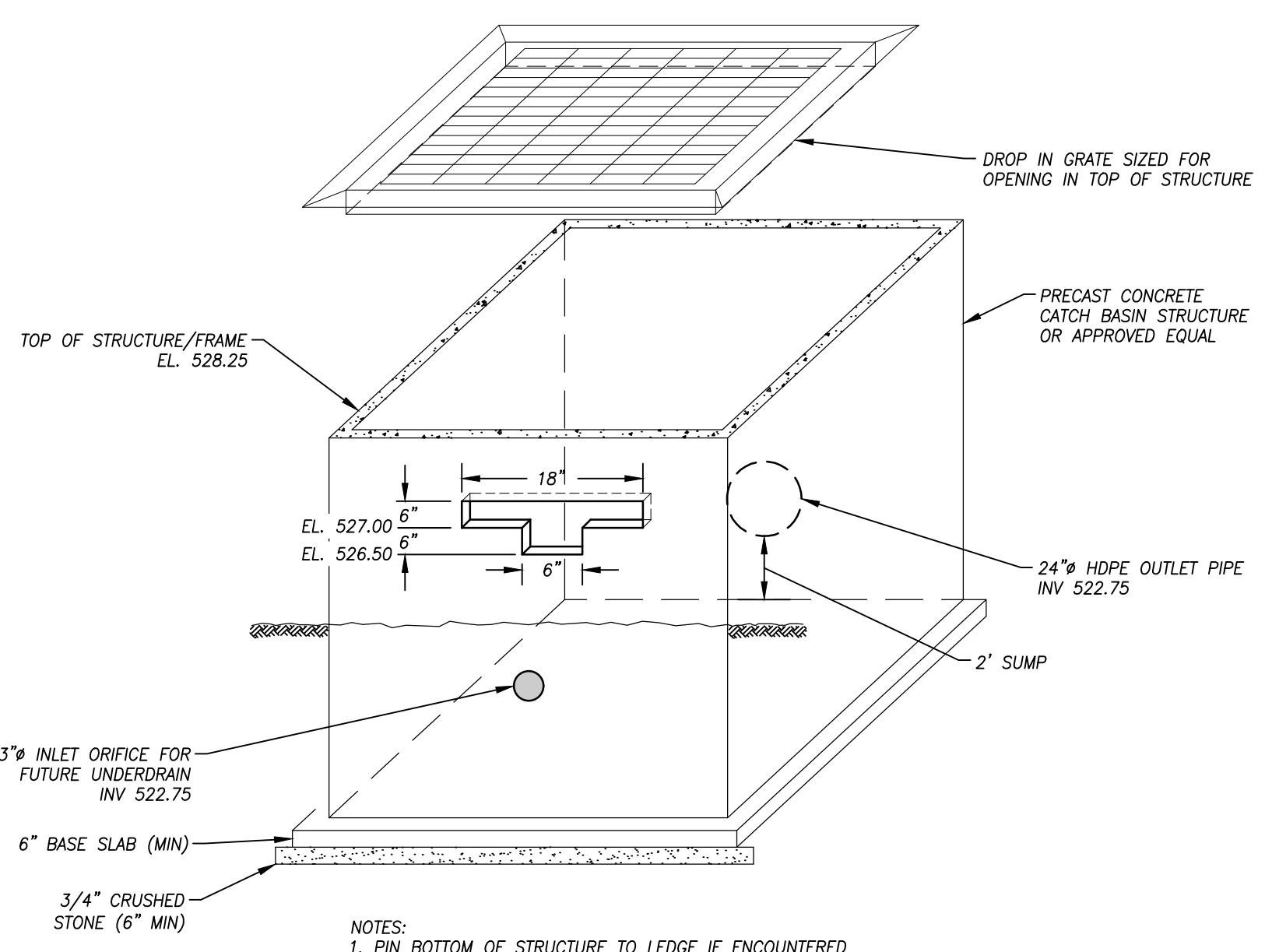
SNOUT OIL-WATER DEBRIS SEPARATOR
 NOT TO SCALE

NOTES:
 1. ALL HOODS AND TRAPS FOR CATCH BASINS AND OUTLET CONTROL STRUCTURES SHALL BE AS MANUFACTURED BY BEST MANAGEMENT PRODUCTS, INC., OR EQUAL.
 2. THE SIZE AND POSITION OF THE HOOD SHALL BE DETERMINED BY OUTLET PIPE SIZE AND THE MANUFACTURER'S RECOMMENDATIONS.
 3. THE SURFACE OF THE STRUCTURE WHERE THE HOOD IS MOUNTED SHALL BE FINISHED SMOOTH AND FREE OF LOOSE MATERIAL.
 4. THE HOOD SHALL BE SECURELY ATTACHED TO THE STRUCTURE WALL WITH 3/8" STAINLESS STEEL BOLTS AND OIL-RESISTANT GASKET AS PROVIDED IN THE MANUFACTURER SUPPLIED INSTALLATION KIT.



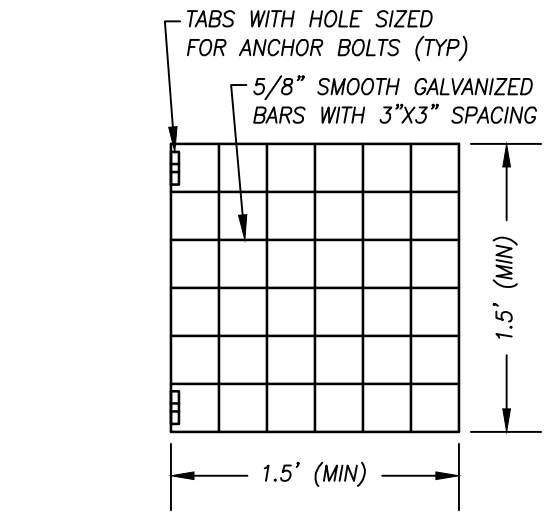
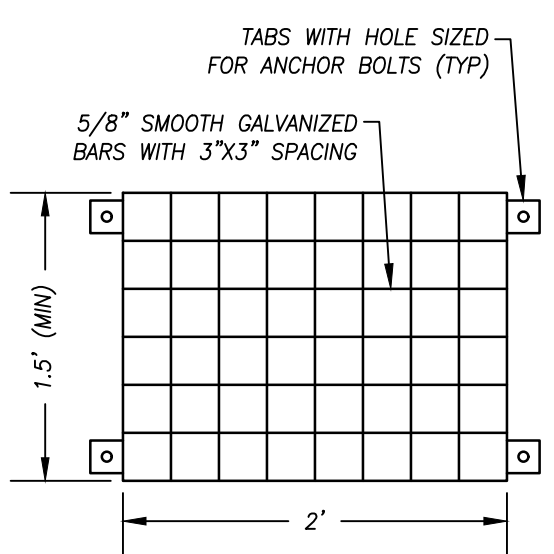
DETAIL A
 NOT TO SCALE

CATCH BASIN HOODED OUTLET
 NOT TO SCALE



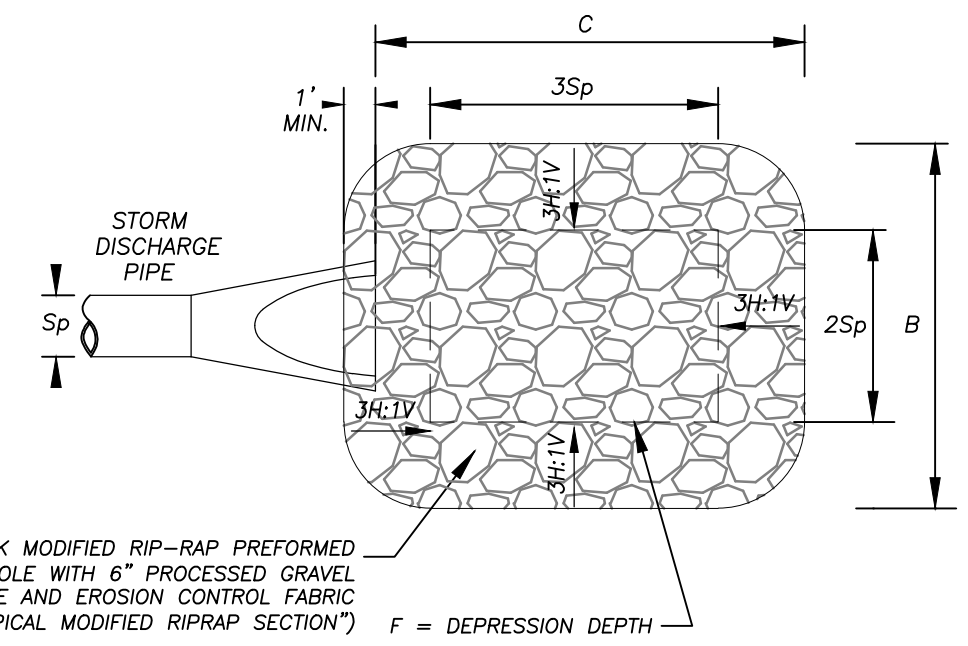
OUTLET CONTROL STRUCTURE
 NOT TO SCALE

NOTES:
 1. PIN BOTTOM OF STRUCTURE TO LEDGE IF ENCOUNTERED.
 2. INSTALL TRASH RACK TO PROTECT ALL ORIFICES (SEE DETAIL).



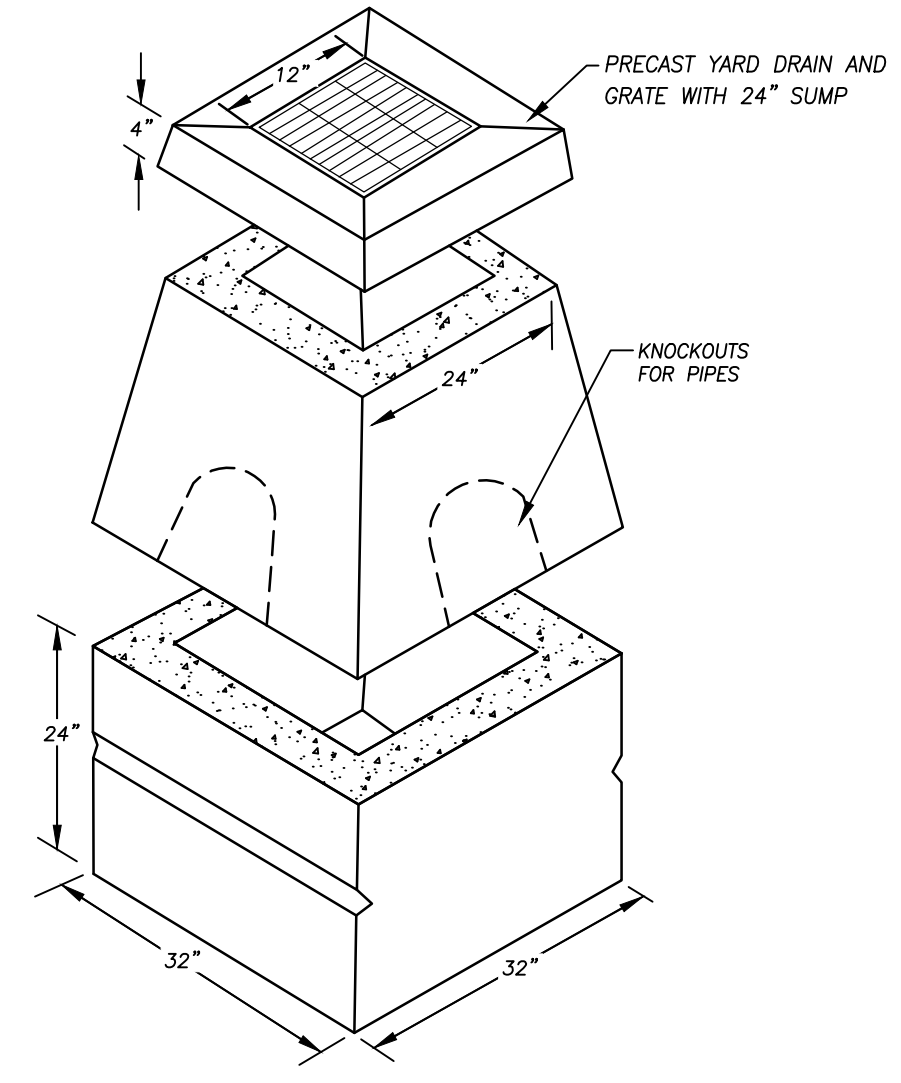
TRASH RACK DETAIL
 NOT TO SCALE

NOTES:
 1. GALVANIZE TRASH RACK AFTER WELDING/FABRICATION.



PIPE Sp	C	B	F	RIPRAP GRADATION
15"	7.5 FT	6.25 FT	0.625 FT	MODIFIED RIPRAP

TYPE 1 RIP RAP SCOUR HOLE DETAIL
 NOT TO SCALE

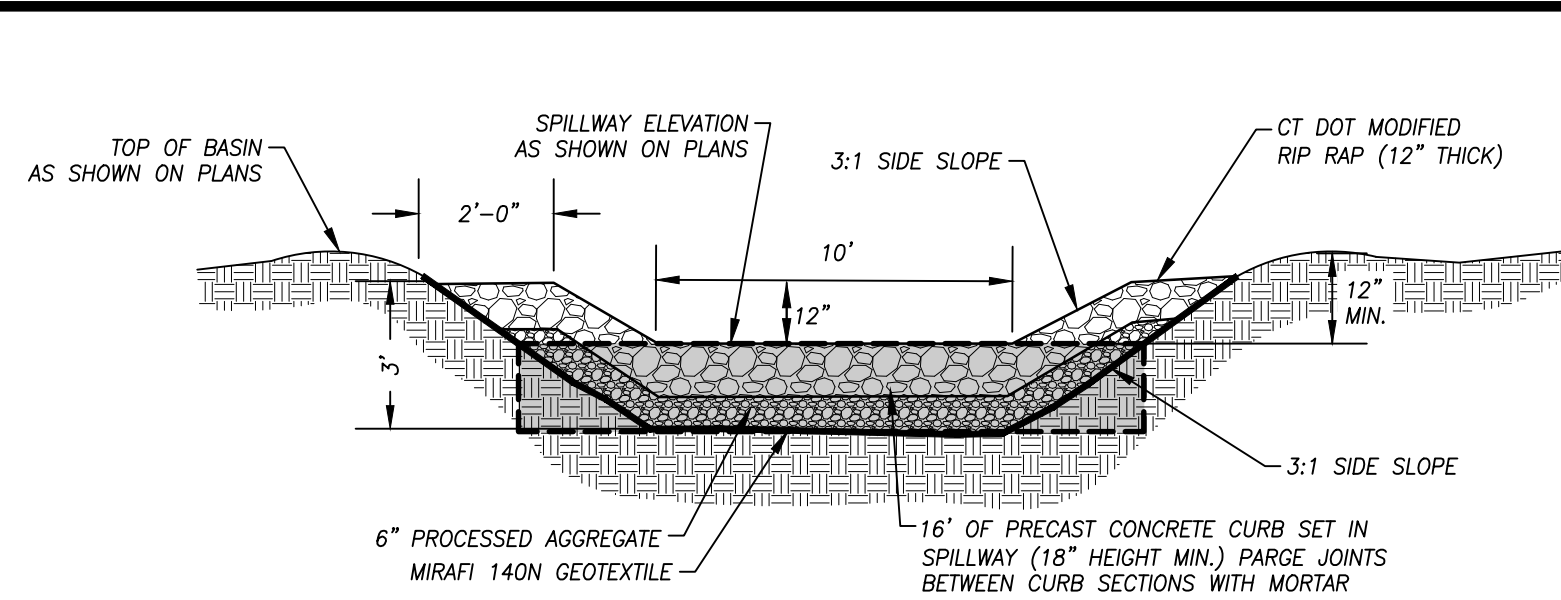


PRECAST YARD DRAIN DETAIL
 NOT TO SCALE

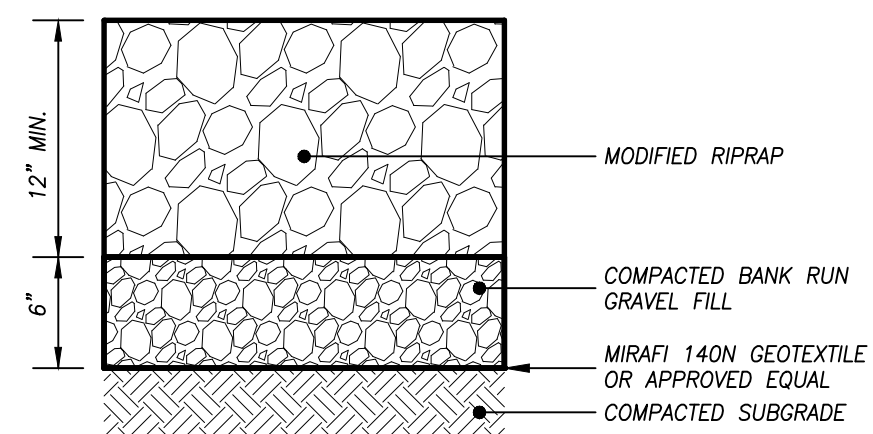
NOTES:
 STRUCTURE TO BE SET ON 6" (MIN) OF 3/4" CRUSHED STONE.

FOR PERMITTING
06/15/2020

PLAN NOTES:
 1. SEE COVER SHEET FOR ENGINEER AND SURVEYOR SIGNATURES AND SEALS.

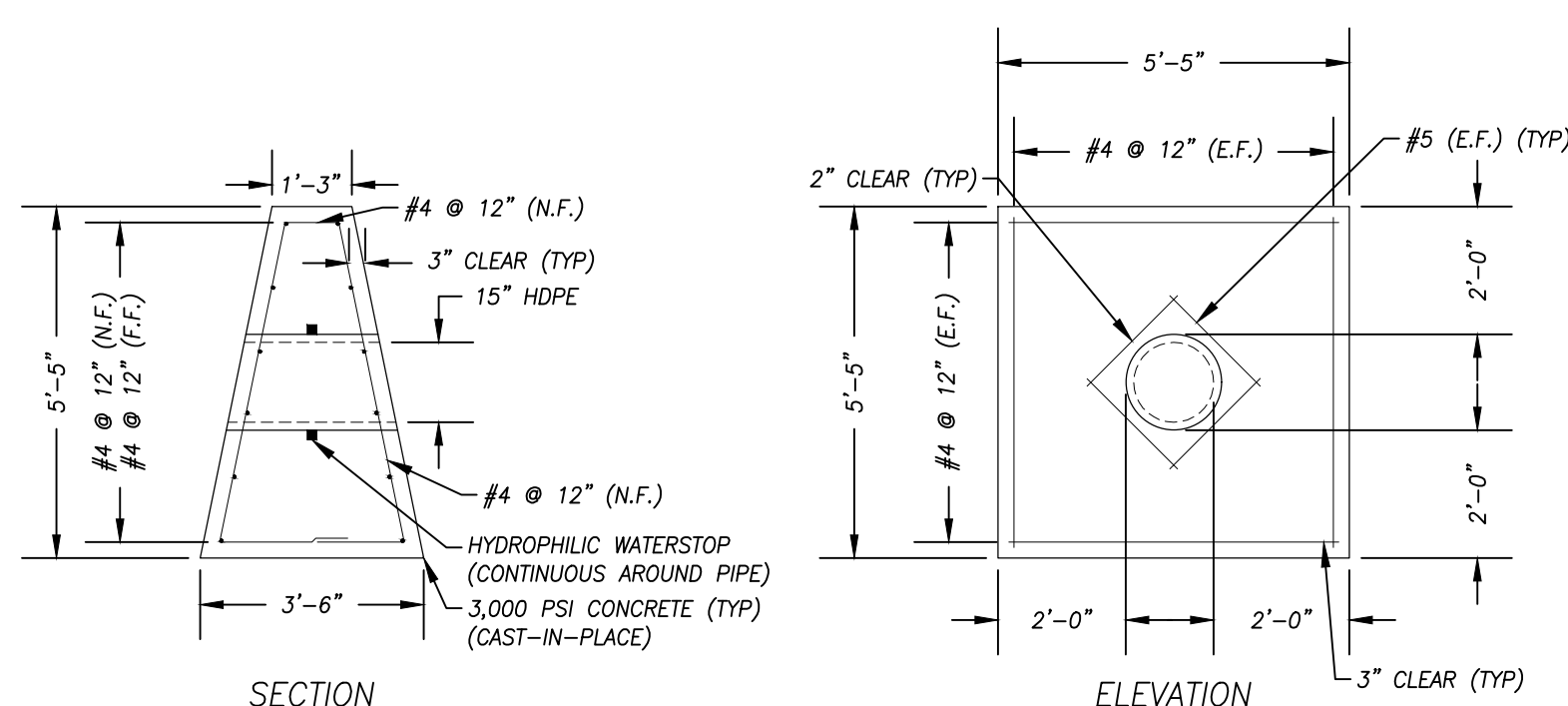


RIPRAP/BASIN SPILLWAY DETAIL
NOT TO SCALE

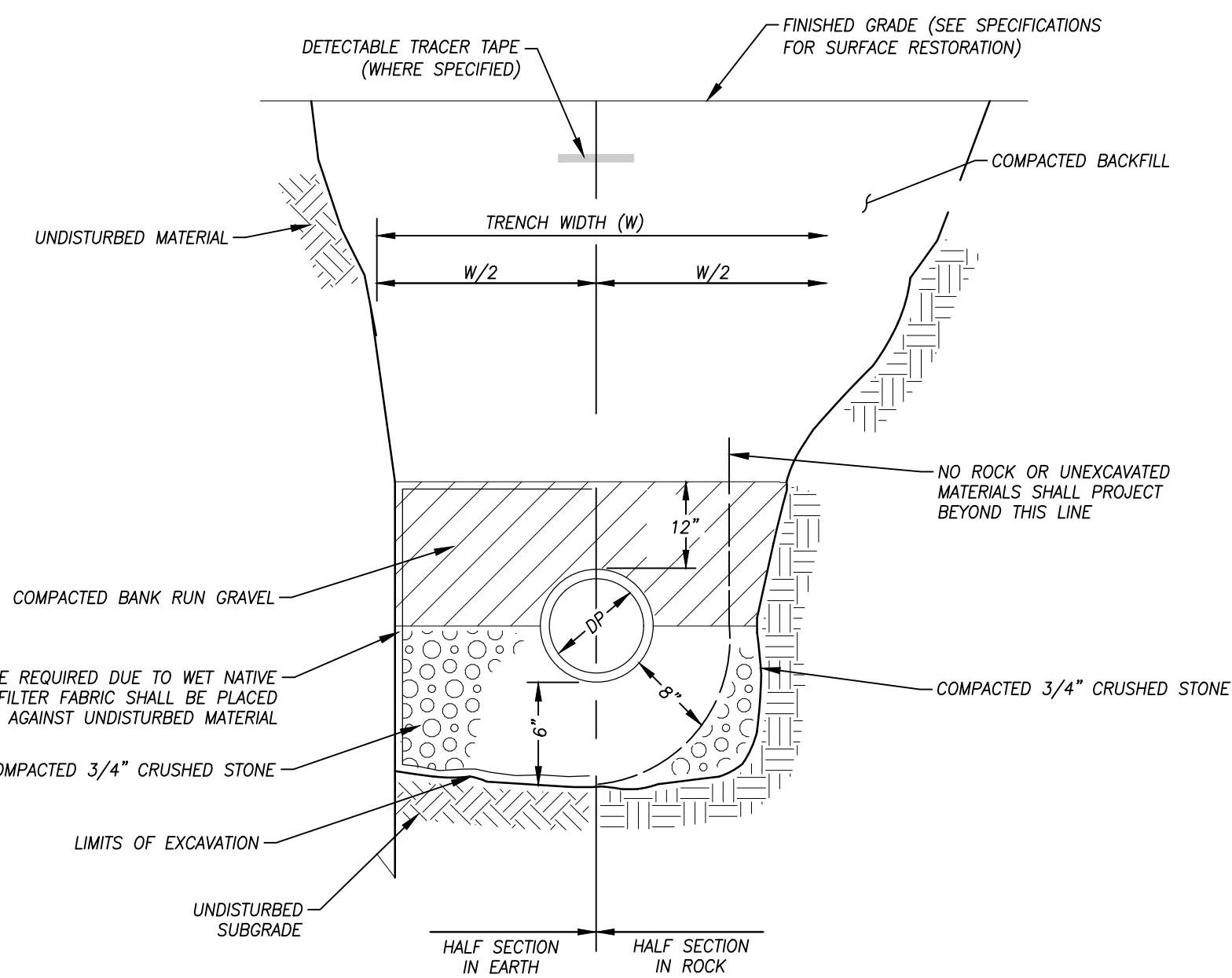


NOTES:
1. TO BE USED AT PIPE DISCHARGES AND EMERGENCY SPILLWAY CHANNEL.

TYPICAL MODIFIED RIPRAP SECTION
NOT TO SCALE

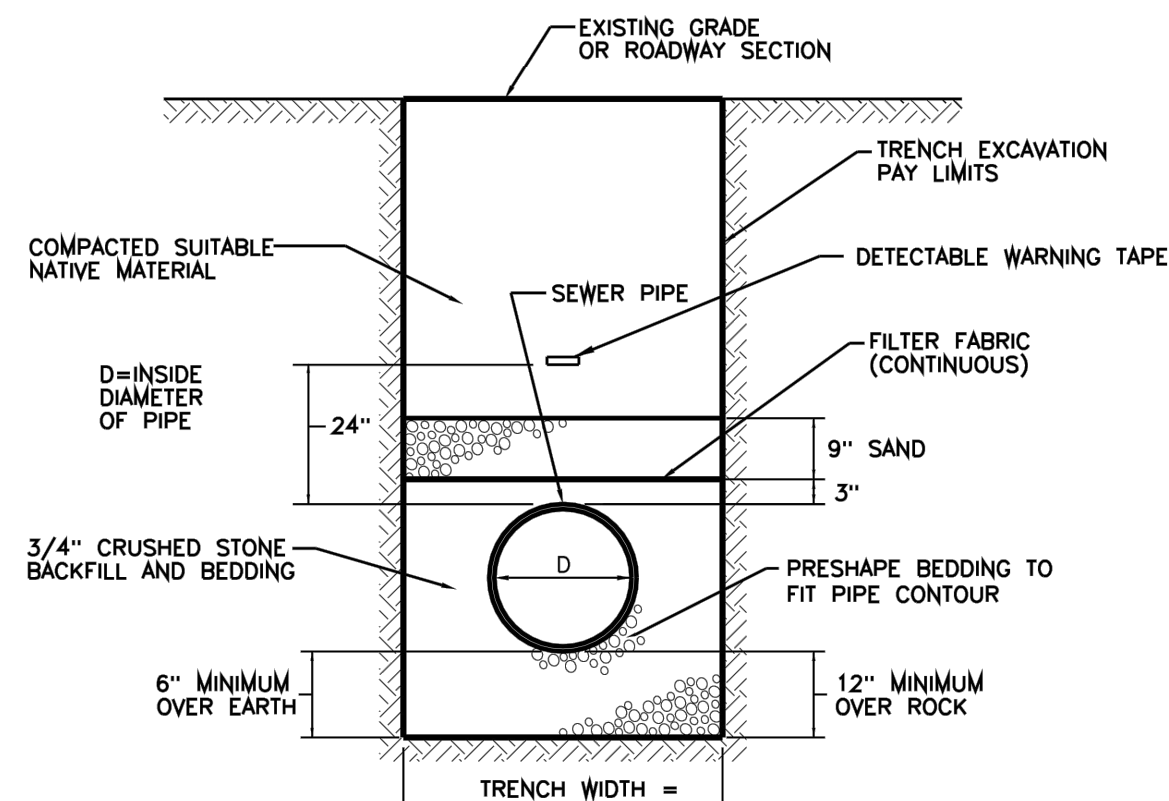


ANTI-SEEP COLLAR DETAIL
NOT TO SCALE



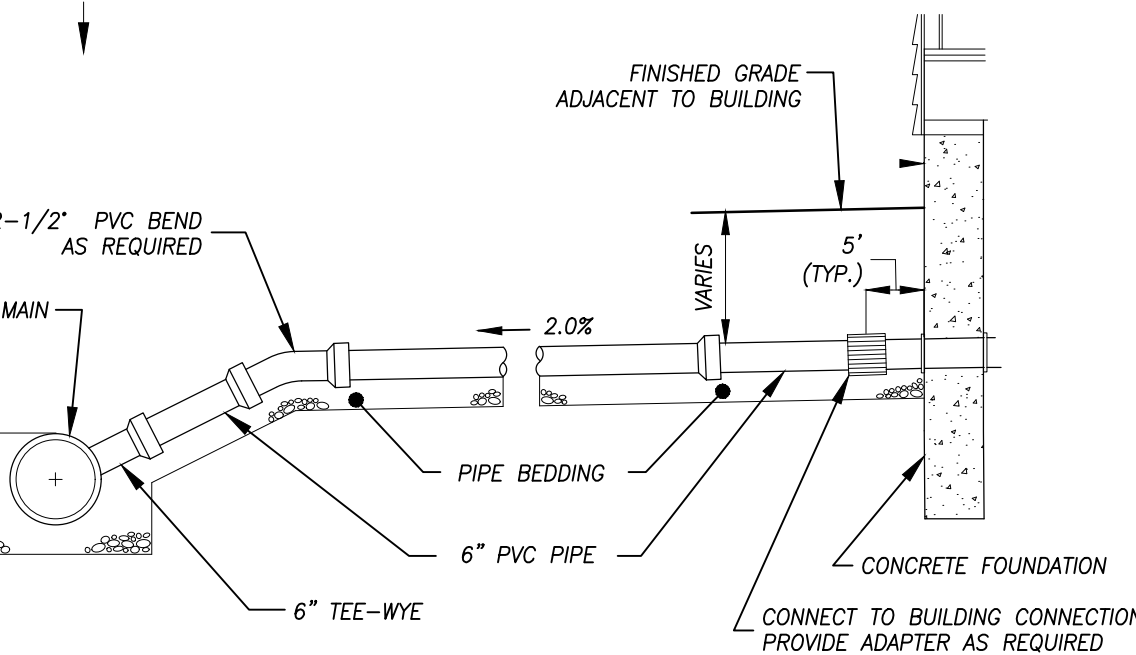
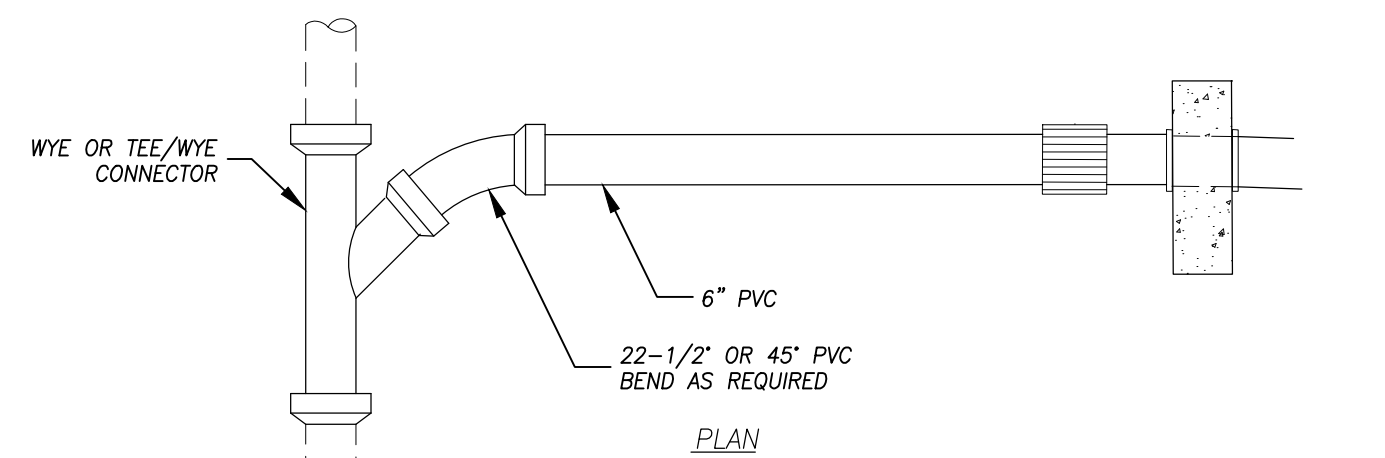
NOTES:
1. THE TOP 12" OF TRENCH BACKFILL IN TRAVELED WAYS SHALL BE COMPACTED PROCESSED GRAVEL.

TRENCH DETAIL (STORM DRAINAGE)
NOT TO SCALE

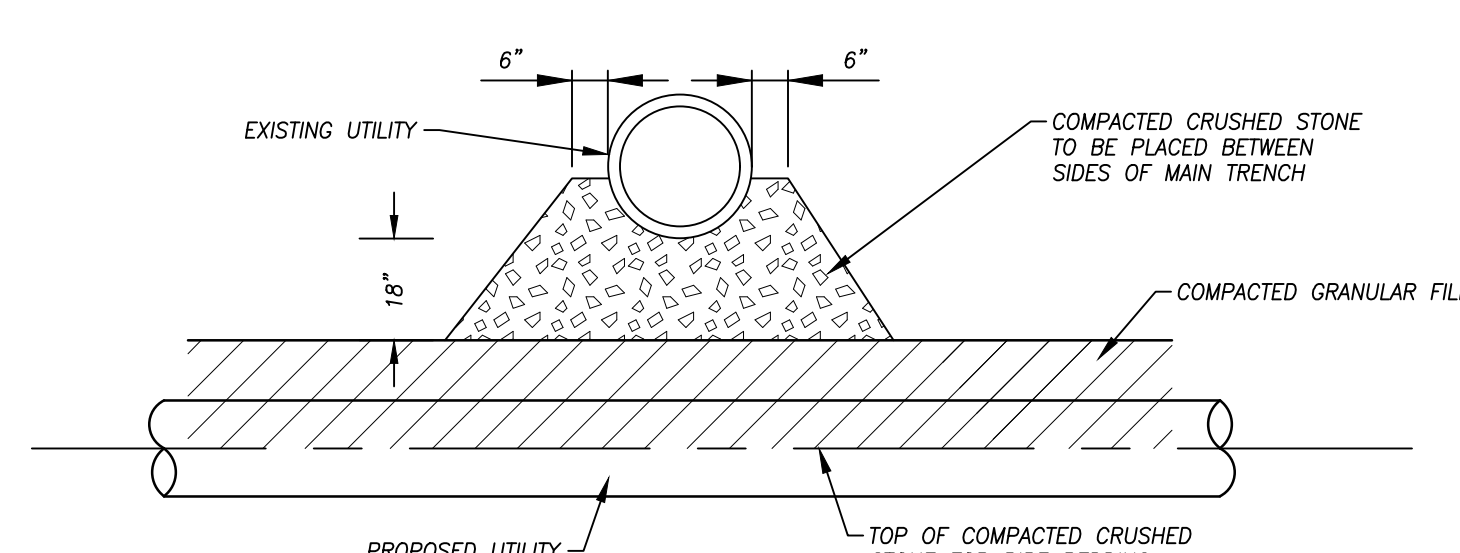


S-1

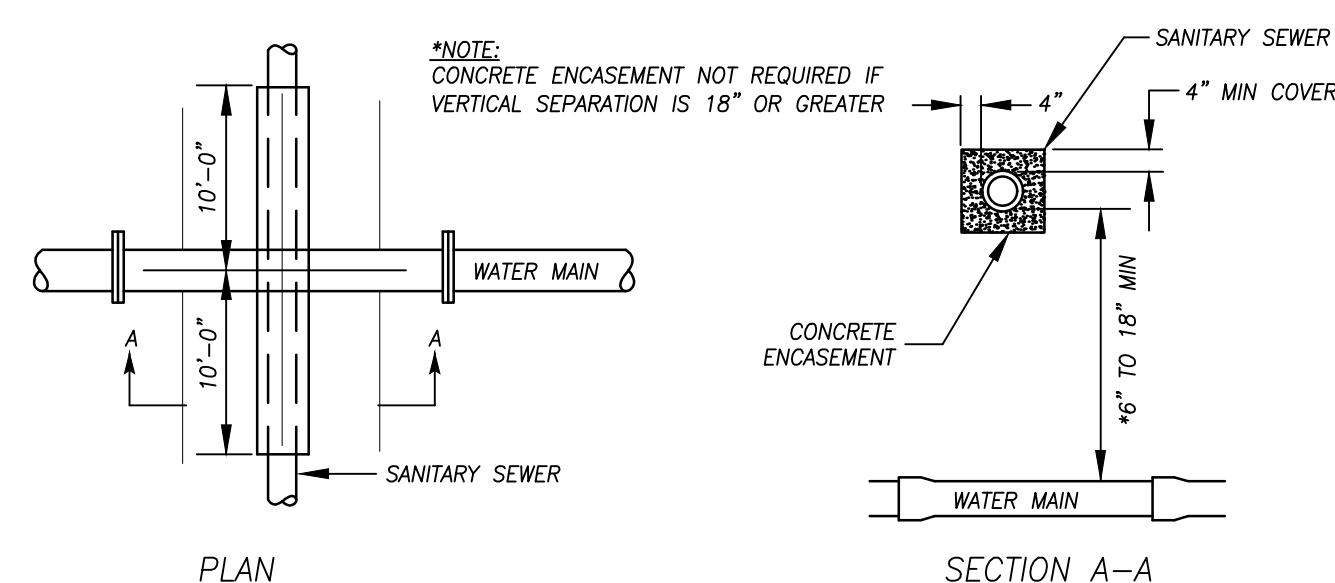
SANITARY SEWER TRENCH DETAIL
NOT TO SCALE



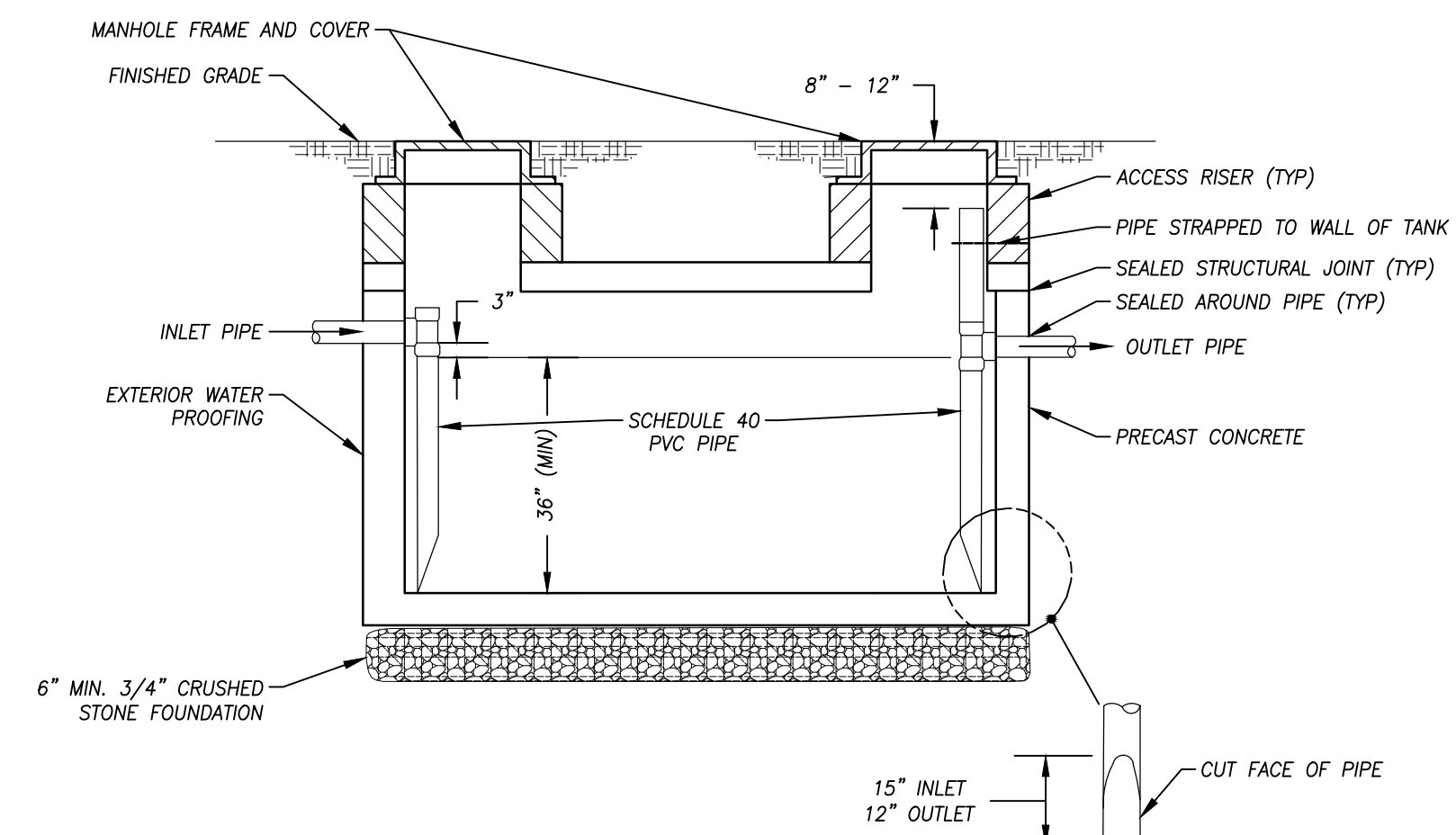
TYPICAL BUILDING CONNECTION DETAIL
NOT TO SCALE



UTILITY CROSSING DETAIL
NOT TO SCALE

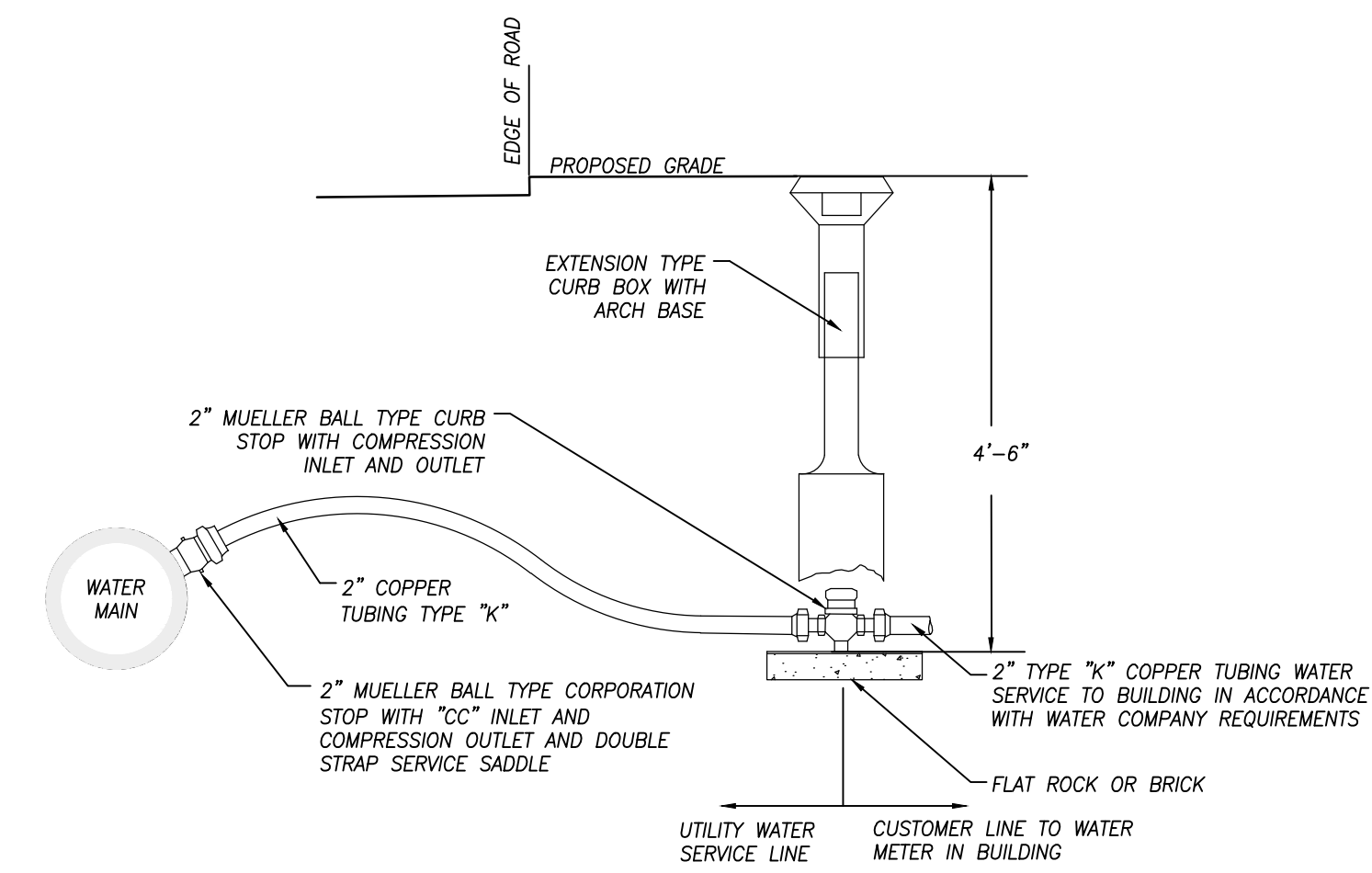


WATER AND SEWER CROSSING DETAIL
NOT TO SCALE



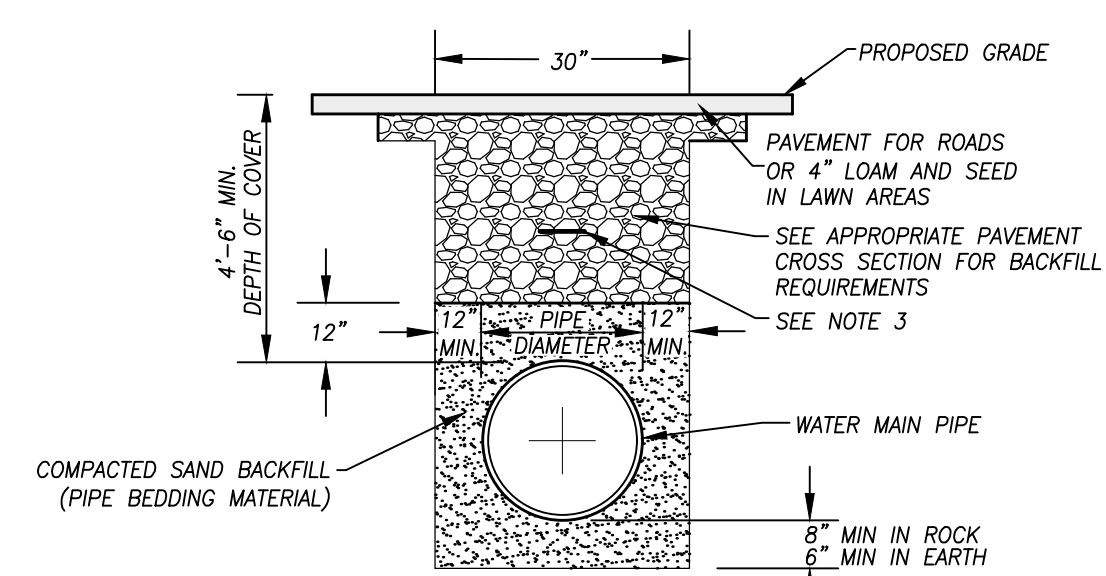
NOTES:
1. THE CONCRETE TANK SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4,000 PSI AND SHALL BE H-20 LOAD RATED WITH THE AMOUNT OF COVER SHOWN ON THE DESIGN DRAWING.
2. TANK SHALL HAVE A MINIMUM CAPACITY OF 1,000 GALLONS.
3. EXTERIOR OF THE TANK AND ACCESS RISERS SHALL BE COATED WITH A WATERPROOF SEALANT.
4. STRUCTURAL SEAM OF THE TANK SHALL BE FILLED AND COATED WITH A WATERPROOF SEALANT. THE STRUCTURAL SEAM SHALL BE LOCATED ABOVE THE LIQUID LEVEL OF THE TANK.
5. THE TANK SHALL HAVE ACCESS RISERS AND MANHOLE FRAMES AND COVERS TO FINISHED GRADE ABOVE THE INLET AND OUTLET PIPES.
6. THE INLET AND OUTLET PIPING SHALL HAVE BAFFLE TEES. THE OUTLET TEE SHALL BE EQUIPPED WITH A STAND PIPE RISER EXTENDING TO BETWEEN 8" AND 12" FROM THE MANHOLE COVER.
7. THE INCOMING PIPE SHALL ONLY INCLUDE KITCHEN WASTE PLUMBING AND NO SOURCES OF DOMESTIC WASTEWATER OR STORMWATER.

GREASE INTERCEPTOR TANK DETAIL
NOT TO SCALE



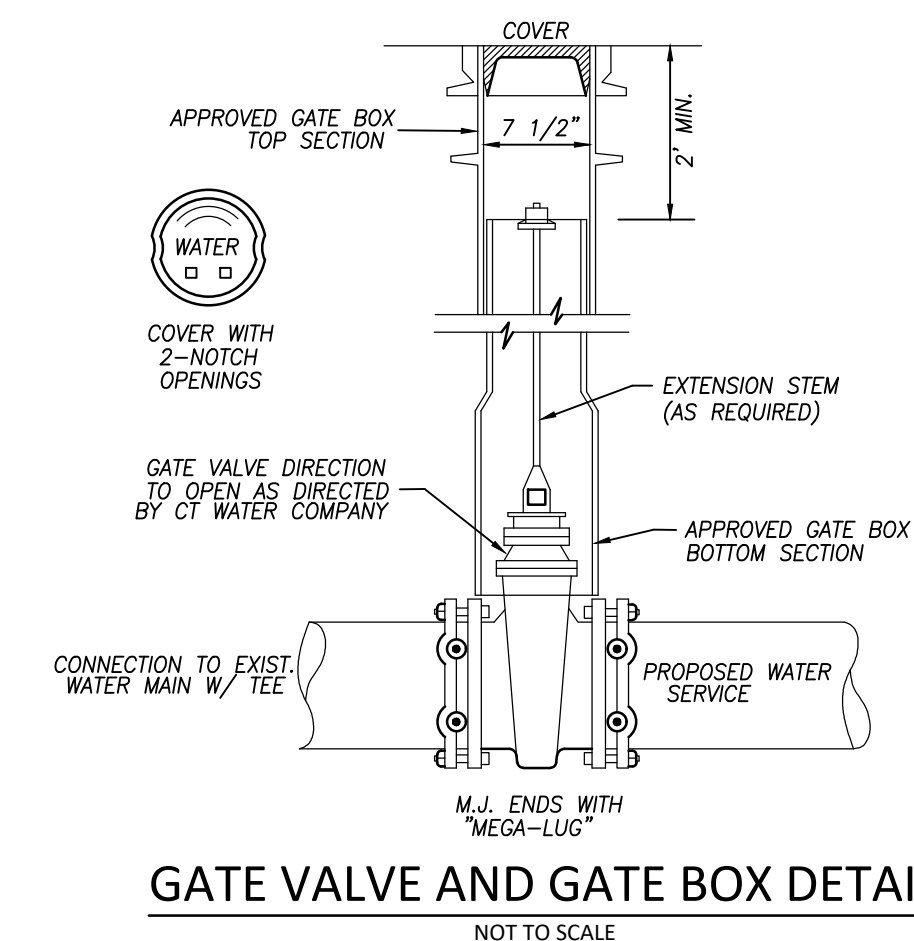
NOTES:
CORPORATION STOPS, CURB STOPS, AND CURB BOXES SHALL BE PROVIDED BY THE SAME MANUFACTURER. ALL MATERIALS SHALL MEET THE REQUIREMENTS OF THE WATER COMPANY.

WATER SERVICE DETAIL
NOT TO SCALE



NOTES:
1. IF PIPE IS PLACED IN OR ON EDGE, ALL LEDGE WITHIN 8" OF PIPE SHALL BE REMOVED AND REPLACED WITH PIPE BEDDING.
2. MINIMUM PIPE COVER SHALL CONFORM TO MANUFACTURER'S SPECIFICATIONS.
3. CONTRACTOR TO INSTALL AN UNDERGROUND FACILITY WARNING TAPE IN TRENCH WITH 24" MIN. SEPARATION ABOVE UTILITY

WATER MAIN TRENCH DETAIL
NOT TO SCALE

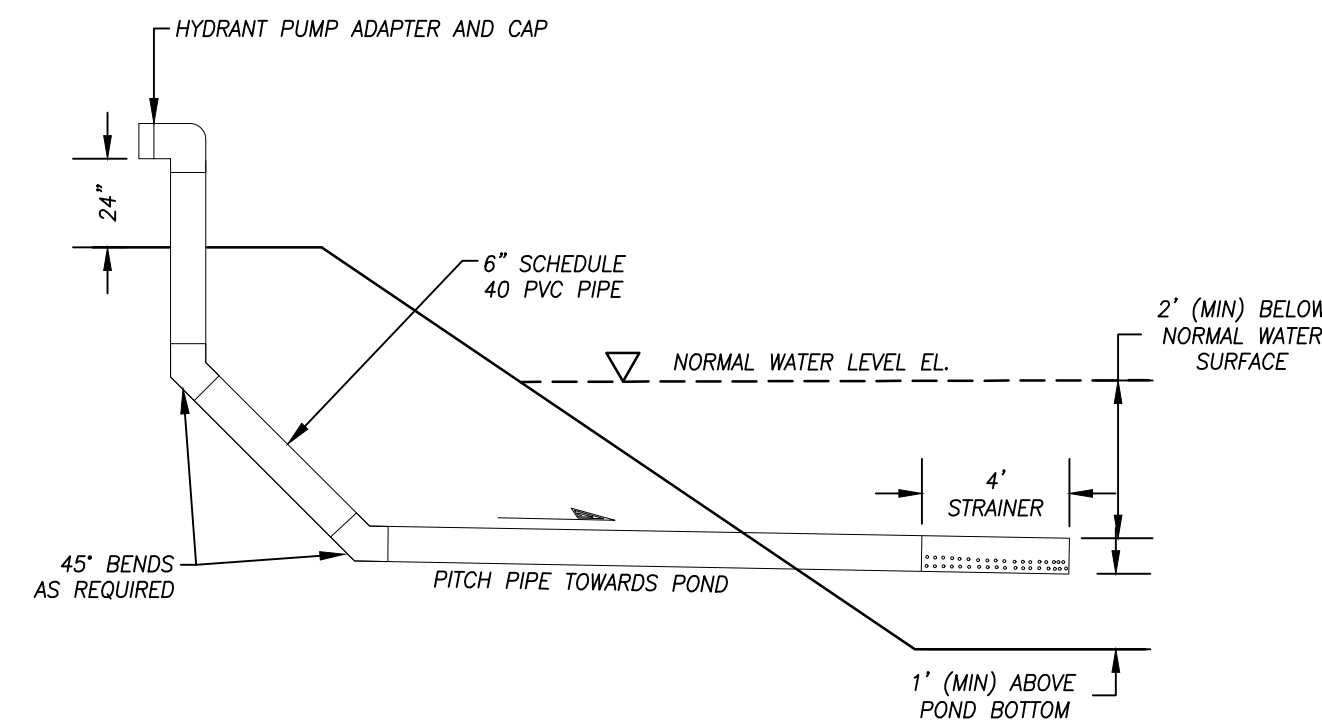


GATE VALVE AND GATE BOX DETAIL
NOT TO SCALE

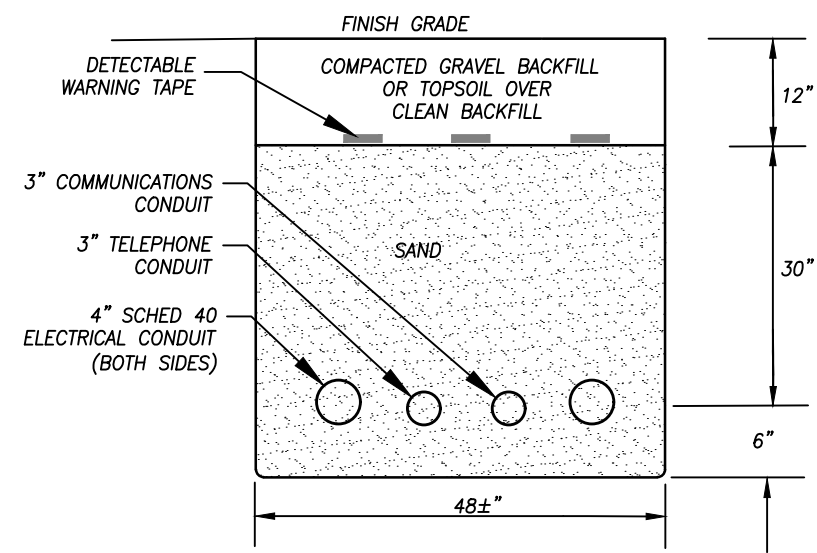
FOR PERMITTING
06/15/2020

PLAN NOTES:
1. SEE COVER SHEET FOR ENGINEER AND SURVEYOR SIGNATURES AND SEALS.

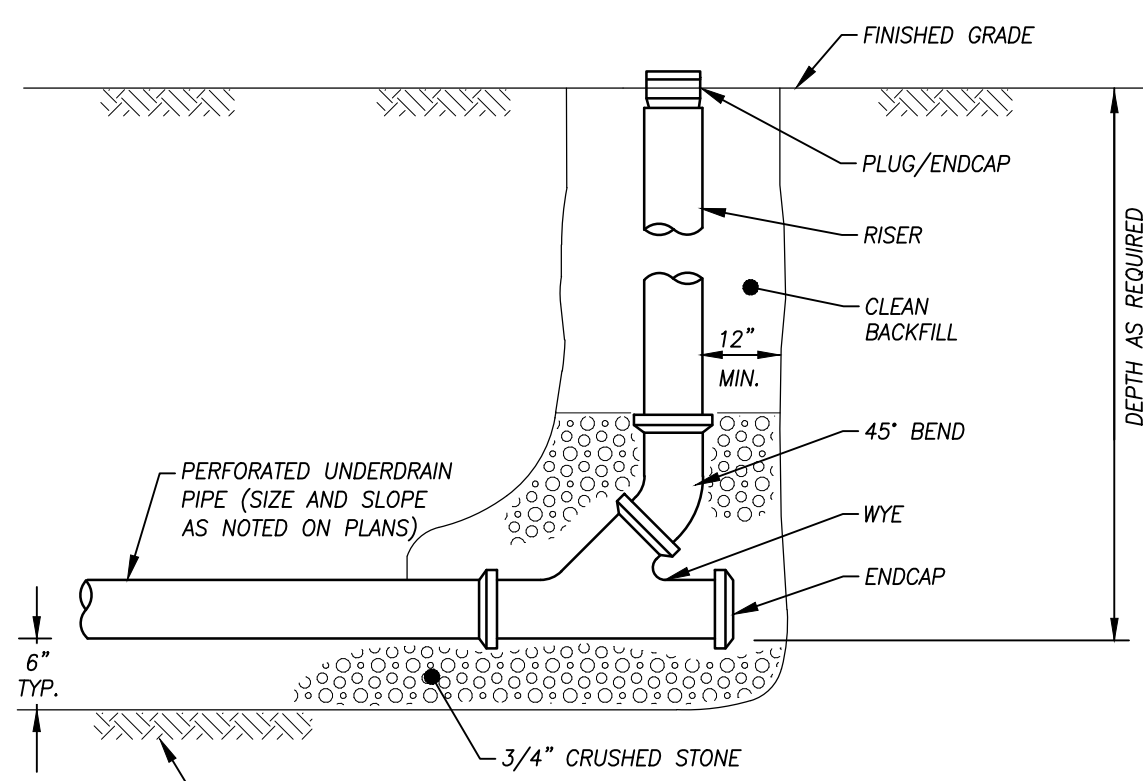
P:\CIVIL 3D PROJECTS\2020\20-2795-2 DREAM-MS2.DWG\DESIGN\4 NOTES DETAILS.DWG



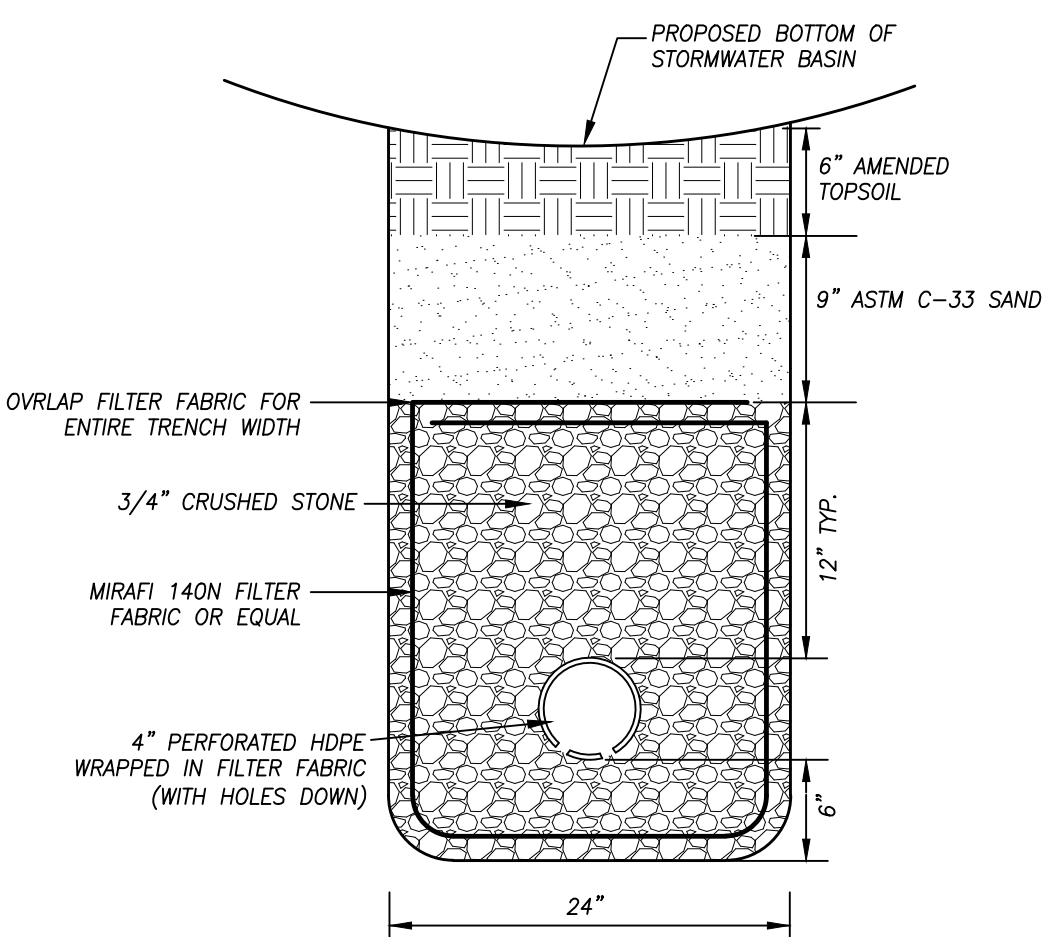
TYPICAL DRY HYDRANT PROFILE
NOT TO SCALE



ELECTRIC & TELCOMM TRENCH DETAIL
NOT TO SCALE

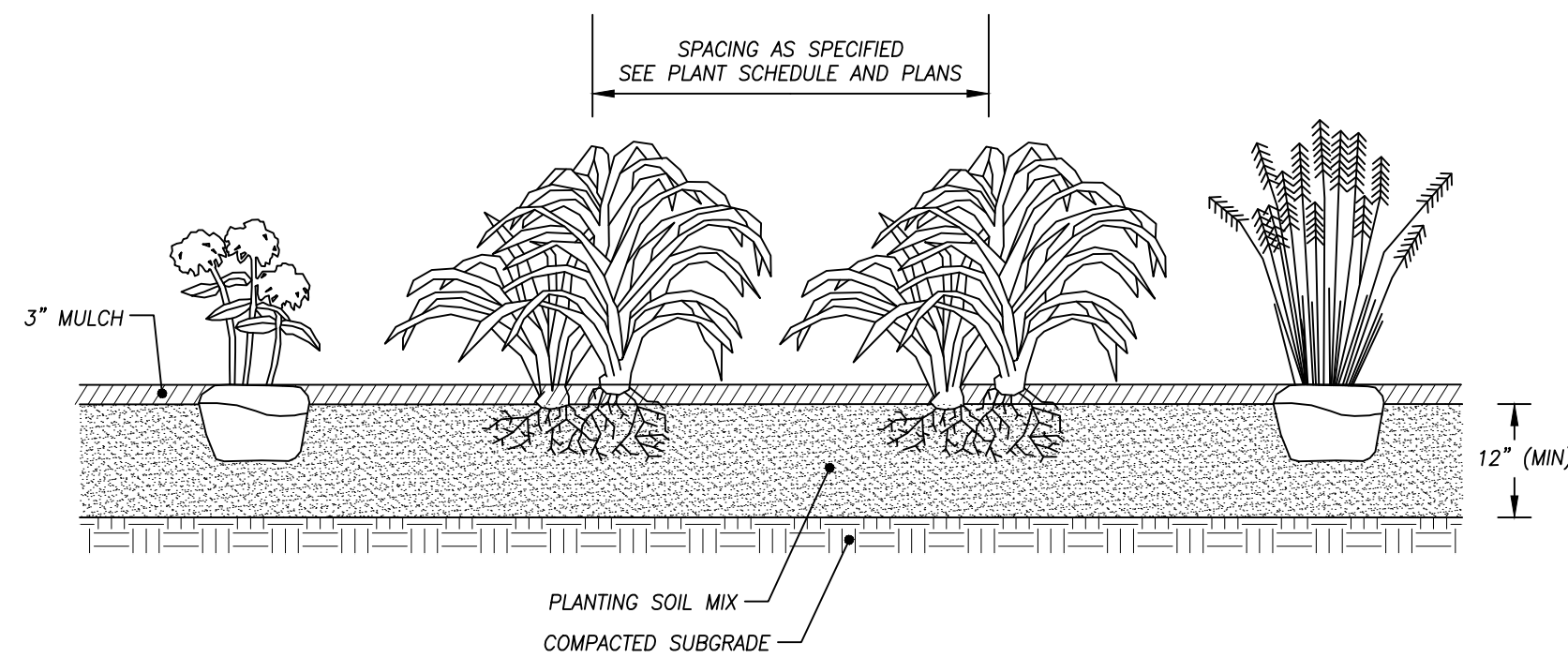


UNDERDRAIN CLEANOUT DETAIL
NOT TO SCALE



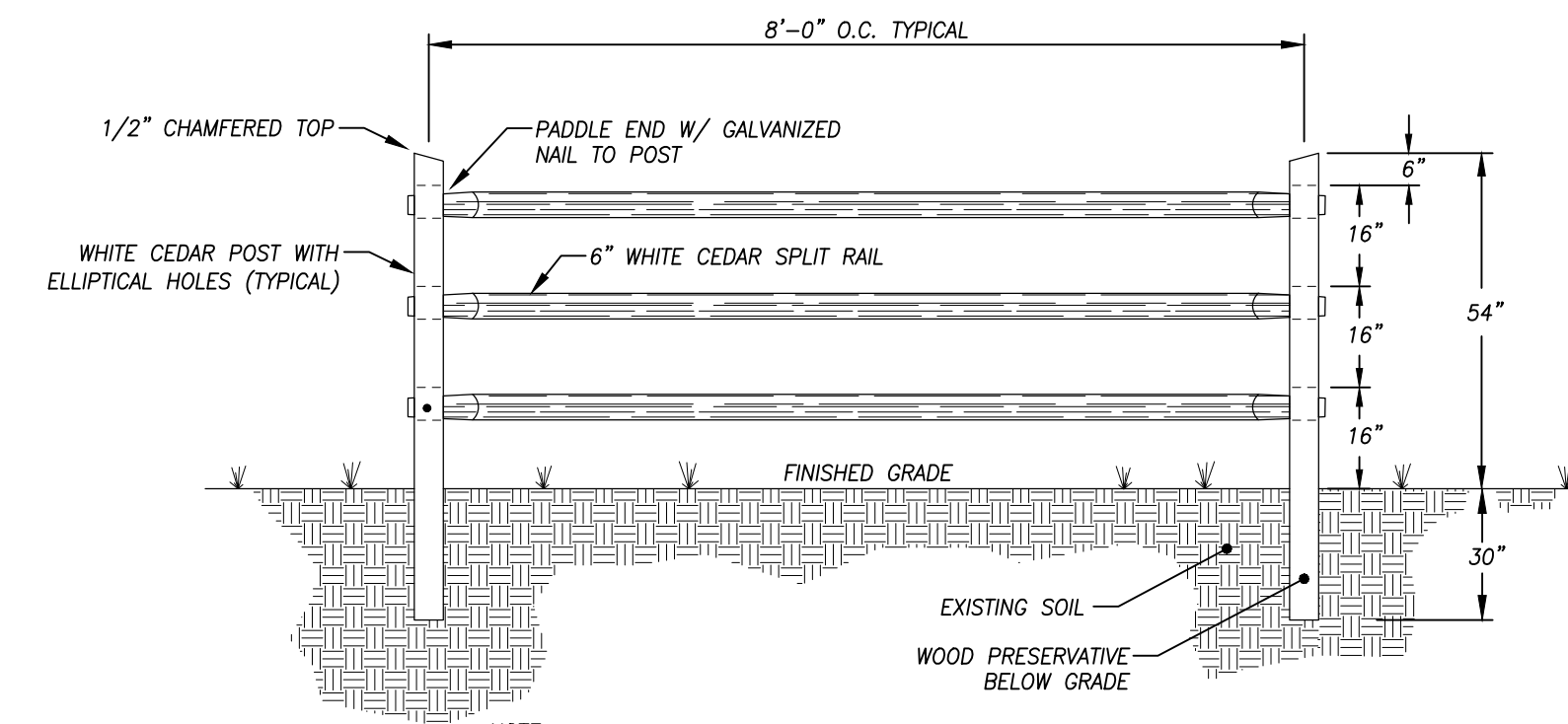
UNDERDRAIN DETAIL
NOT TO SCALE

NOTES:
AMENDED TOPSOIL SHALL MEET THE FOLLOWING REQUIREMENTS:
50% ASTM C-33 SAND
25% STOCKPILED TOPSOIL
25% ORGANIC COMPOST



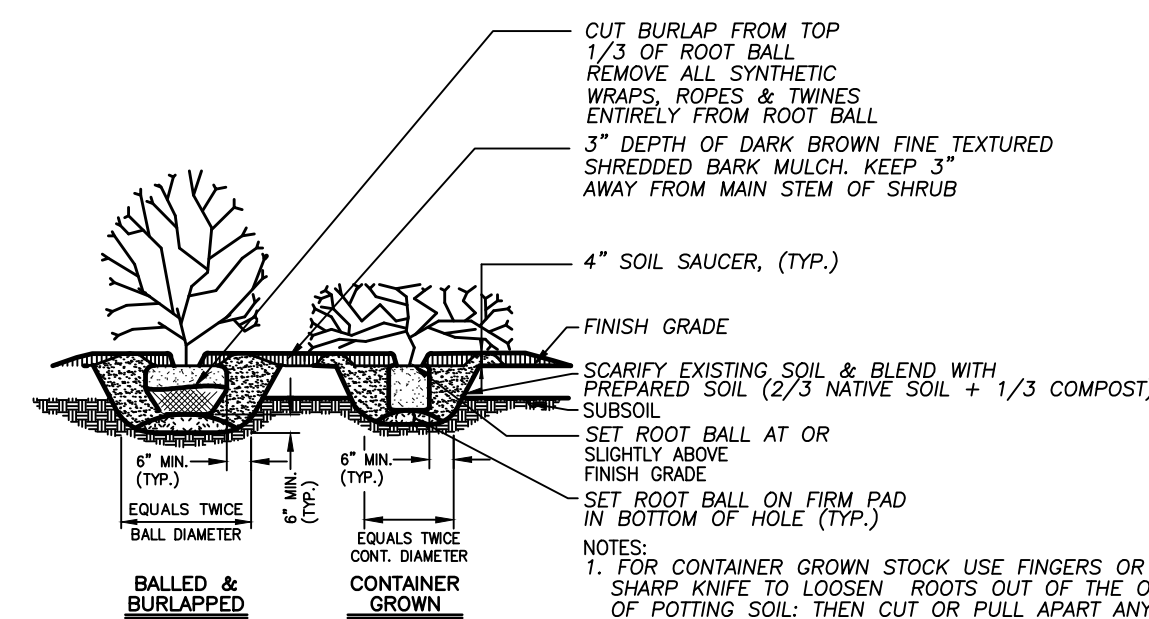
PERENNIAL/GROUNDCOVER PLANTING DETAIL
NOT TO SCALE

NOTES:
1. ROTOTILL FERTILIZER AND LIME INTO SOIL PRIOR TO PLANTING IN ACCORDANCE WITH SOIL ANALYSIS RECOMMENDATIONS.
2. DO NOT OVER-COMPACT PLANTING BED. WATER THOROUGHLY AFTER PLANTING.
3. ADJUST PLANTING DEPTH AS RECOMMENDED BY SUPPLIER.
4. MULCH SHALL NOT COME INTO CONTACT WITH CROWNS OF PERENNIALS.



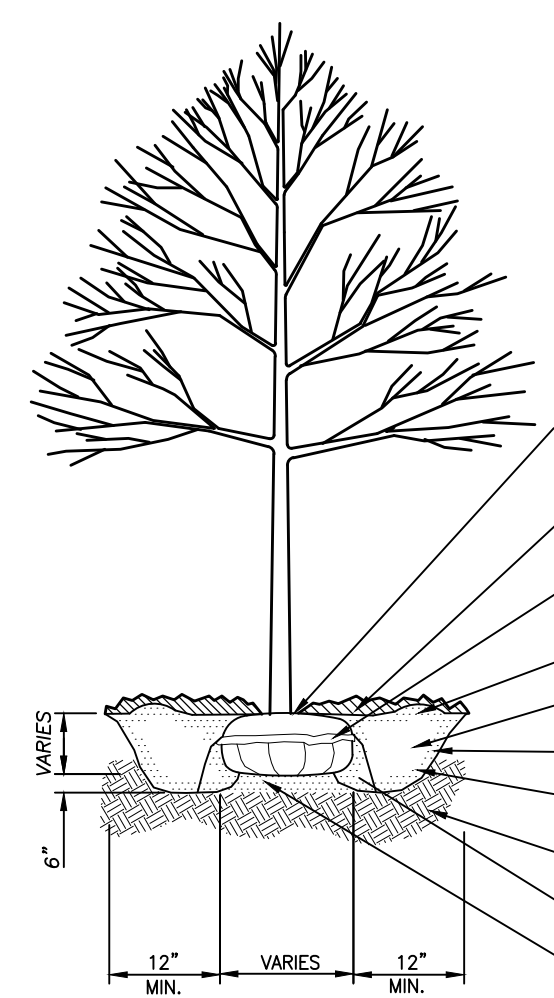
SPLIT RAIL FENCE DETAIL
NOT TO SCALE

NOTE:
1) ALL WOOD FOR SPLIT RAIL FENCE TO BE WHITE CEDAR OR EQUAL.



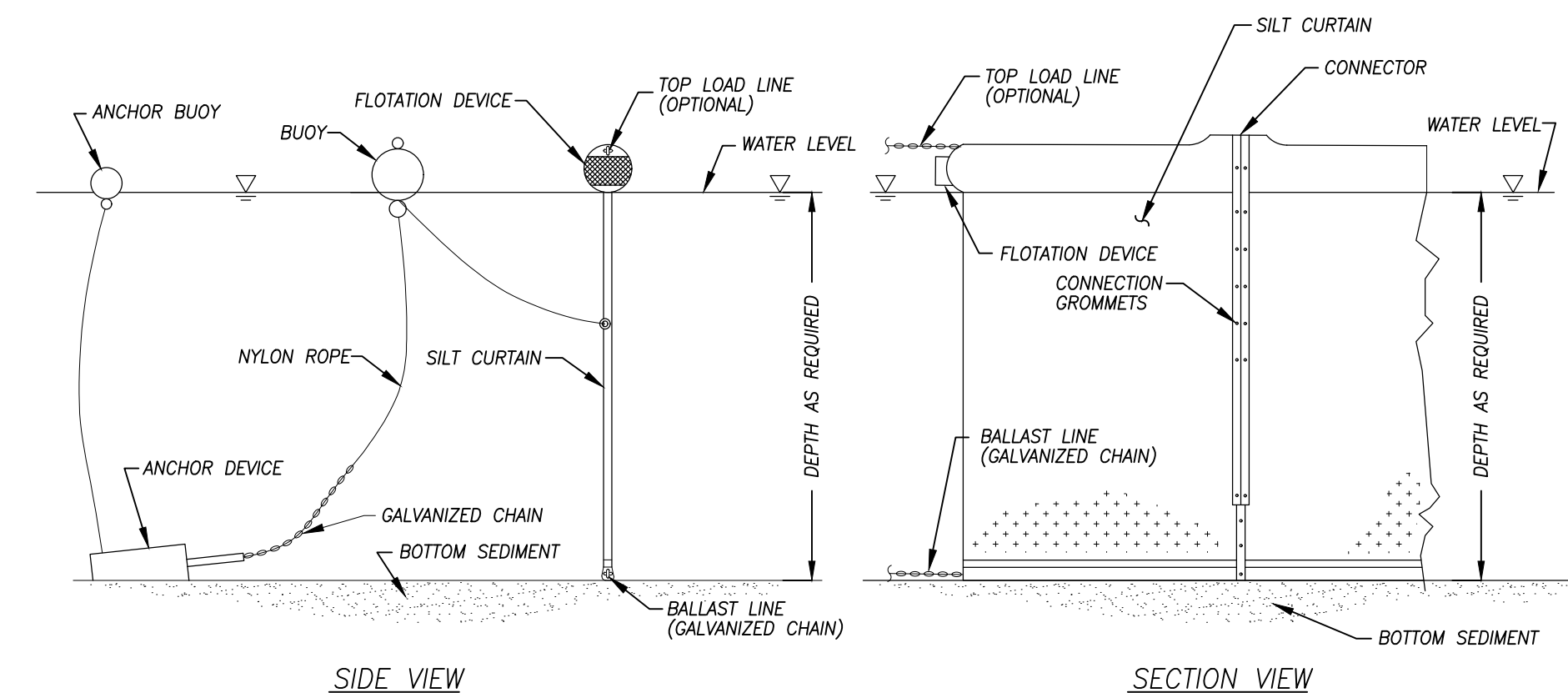
SHRUB PLANTING DETAIL
NOT TO SCALE

NOTES:
1. FOR CONTAINER GROWN STOCK USE FINGERS OR A SHARP KNIFE TO LOOSEN ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
2. AT PLANTING THOROUGHLY SOAK THE ROOT MASS AND ADJACENT SOIL. REPEAT SEVERAL TIMES DURING THE FIRST MONTH AND THROUGHOUT THE FOLLOWING TWO SUMMERS.

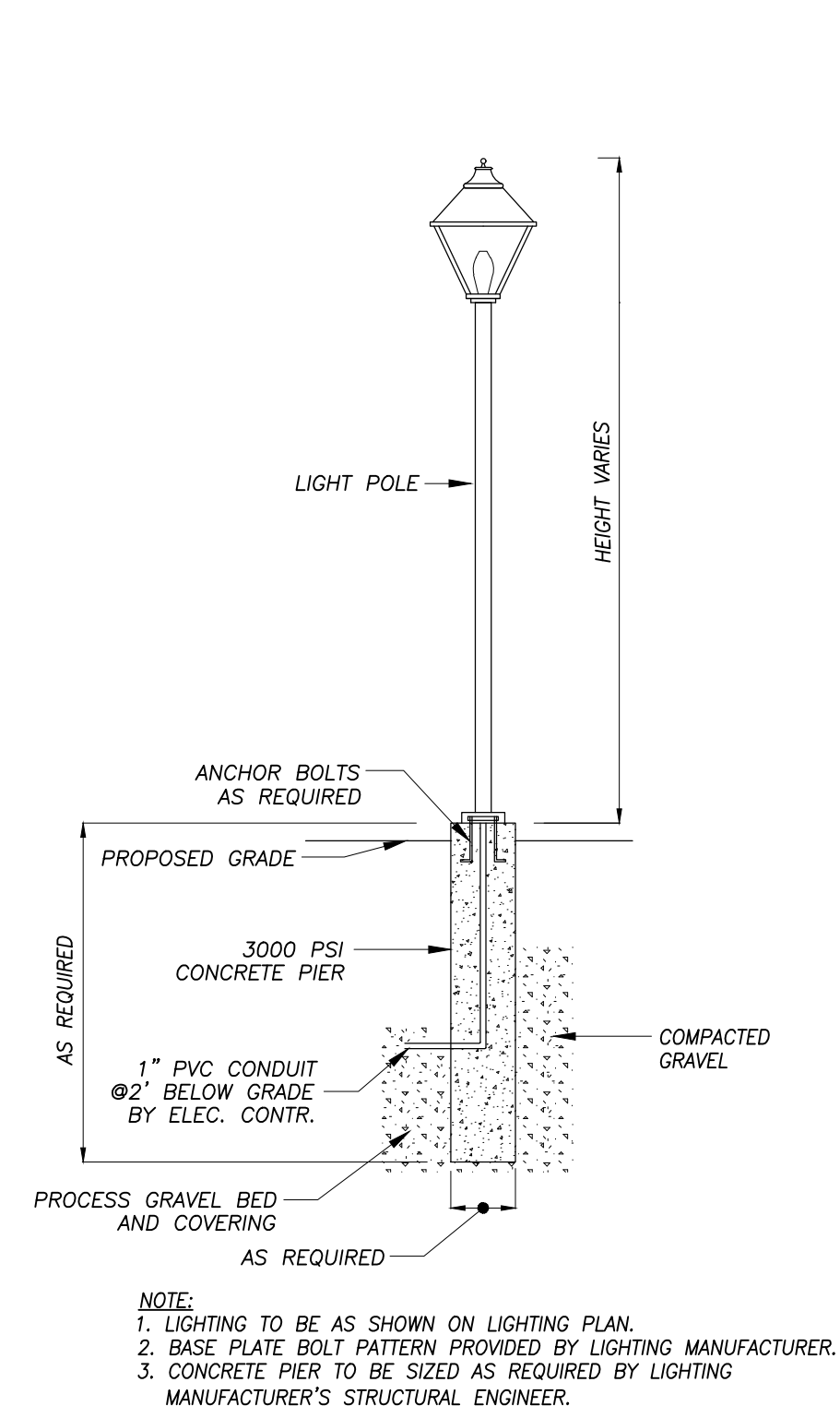


TREE PLANTING DETAIL
NOT TO SCALE

NOTES:
* DO NOT STAKE OR WRAP TRUNK.
* FOR CONTAINER-GROWN TREES, USE FINGERS OR SMALL HAND TOOLS TO PULL THE ROOTS OUT OF THE OUTER LAYER OF POTTING SOIL. THEN CUT OR PULL APART ANY ROOTS CIRCLING THE PERIMETER OF THE CONTAINER.
* FOR RED CEDARS INCORPORATE COMMERCIALY PREPARED MYCORRHIZA SPORES IN THE SOIL IMMEDIATELY AROUND THE ROOT BALL AT RATES SPECIFIED BY THE MANUFACTURER.
* AT PLANTING THOROUGHLY SOAK THE TREE ROOT BALL AND ADJACENT SOIL. REPEAT SEVERAL TIMES DURING THE FIRST MONTH AND THROUGHOUT THE FOLLOWING TWO SUMMERS.



TURBIDITY CURTAIN DETAIL
NOT TO SCALE



LIGHT POLE DETAIL
NOT TO SCALE

NOTES:
1. LIGHTING TO BE AS SHOWN ON LIGHTING PLAN.
2. BASE PLATE BOLT PATTERN PROVIDED BY LIGHTING MANUFACTURER.
3. CONCRETE PIER TO BE SIZED AS REQUIRED BY LIGHTING MANUFACTURER'S STRUCTURAL ENGINEER.

SCALE:	As Noted
DATE:	May 2020
JOB I.D. NO.:	20-2795-2
Revisions	
Rev. A - Per Town Engineer's Review - 06/15/2020	

SHEET NO.

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FOR PERMITTING
06/15/2020

PLAN NOTES:

- SEE COVER SHEET FOR ENGINEER AND SURVEYOR SIGNATURES AND SEALS.