



**RICE PUBLIC LIBRARY
CHILDREN'S GARDEN
ADDENDUM 1**

Issued: December 3, 2021

Proposing vendors must acknowledge receipt of addenda in their proposal submission.

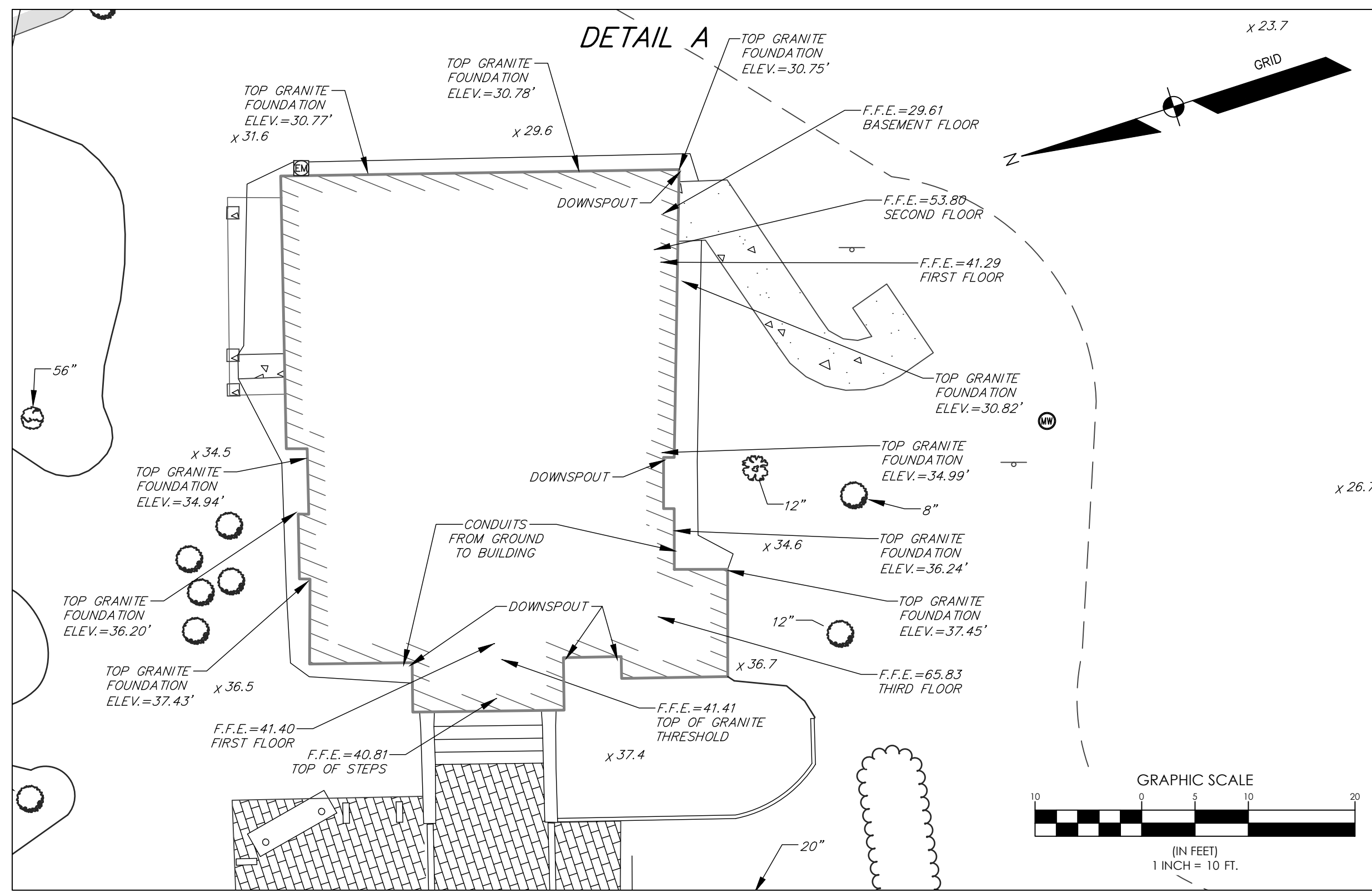
QUESTIONS:

1. What is the project budget?

The Children's Garden design and construction is being funded entirely through donations for the project. A total of \$58,000 has been raised.

2. May proposers have access to the Sebago Technics' plans to get a sense of layout and topography?

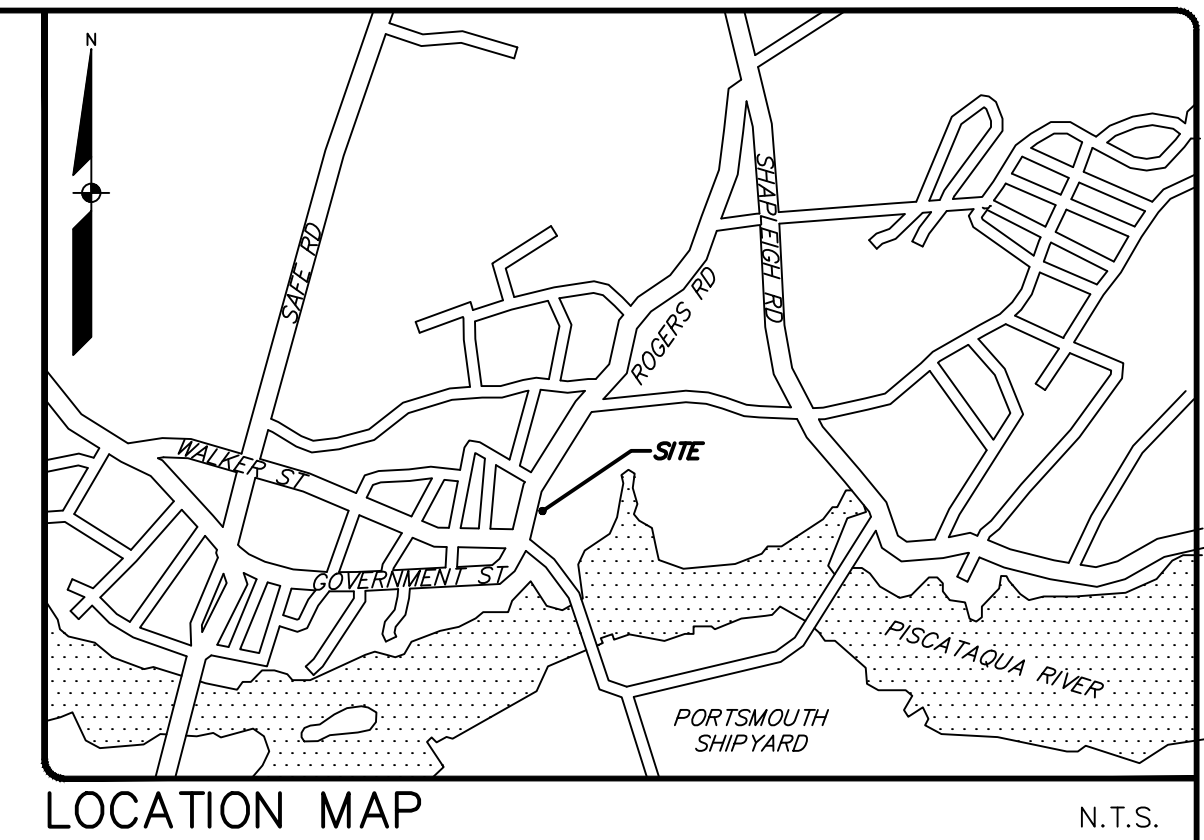
Attached is the full Civil plan set with mark-ups. The set includes a proposed "Add Alternative" for the Children's Garden. The Town declined the plan (as marked on sheet 9 of 9).



LEGEND

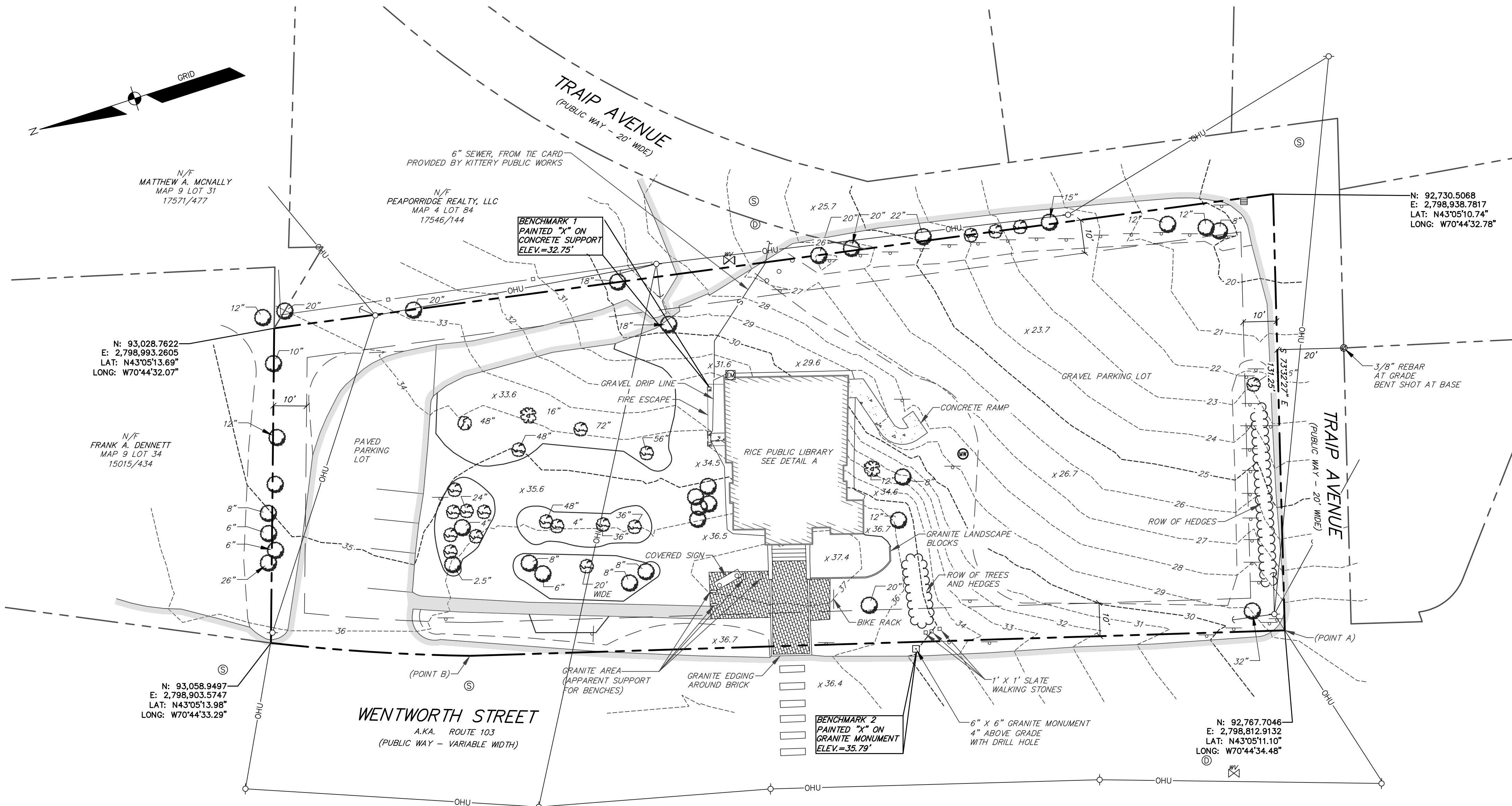
EXISTING

- PROPERTY LINE/R.O.W.
- ABUTTER LINE/R.O.W.
- MONUMENT
- IRON PIPE/ROD
- BENCHMARK
- BENCHMARK DESCRIPTION WITH ELEVATION
- BUILDING
- DECK/STEPS/OVERHANG
- EDGE PAVEMENT
- EDGE CONCRETE
- EDGE GRAVEL
- LANDSCAPING
- TREELINE/HEDGE CONTOURS
- SPOT GRADE
- STOCKADE FENCE
- DECIDUOUS TREE
- CONIFEROUS TREE
- ORNAMENTAL SHRUB
- BOLLARD
- SIGN
- WATER GATE VALVE
- SANITARY MANHOLE
- DRAINAGE MANHOLE
- OVERHEAD UTILITY
- ELECTRIC METER
- UTILITY POLE
- GUY WIRE
- MONITORING WELL
- SANITARY SEWER



GENERAL NOTES:

- THE RECORD OWNER OF THE PARCEL IS THE INHABITANTS OF THE TOWN OF KITTERY BY DEED DATED JULY 1, 2019 AND RECORDED AT THE YORK COUNTY REGISTRY OF DEEDS (YCRD) IN BOOK 17992, PAGE 618.
- THE PROPERTY IS SHOWN AS LOT 88 ON THE TOWN OF KITTERY TAX MAP 4 AND IS LOCATED IN THE MIXED USE - KITTERY FORESIDE DISTRICT.
- SPACE AND BULK CRITERIA FOR THE MIXED USE - KITTERY FORESIDE DISTRICT ARE AS FOLLOWS:
 - NET RESIDENTIAL DENSITY: 5,000 SQUARE FEET
 - MINIMUM LOT SIZE: 5,000 SQUARE FEET
 - MINIMUM STREET FRONTAGE: NONE
 - MINIMUM FRONT YARD: 0/10 FEET*
 - MINIMUM SIDE YARD: 10 FEET*
 - MINIMUM REAR YARD: 10 FEET*
 - MAXIMUM BUILDING HEIGHT: 40 FEET*
 - MAXIMUM BUILDING COVERAGE: 60%
- * SEE ORDINANCE FOR MORE PARTICULAR INFORMATION.
- TOTAL AREA OF PARCEL IS APPROXIMATELY 34,947 SQUARE FEET OR 0.80 ACRES AS DEPICTED ON PLAN REFERENCE 6A.
- THE BOUNDARY AS DEPICTED HEREON IS BASED SOLELY ON PLAN REFERENCE 6A. TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED UPON A FIELD SURVEY PERFORMED BY SEBAGO TECHNIQS, INC. IN JANUARY 17, 2019.
- PLAN REFERENCES:
 - A. "STANDARD BOUNDARY SURVEY OF THE RICE PUBLIC LIBRARY LOT, WENTWORTH ST. AND TRAP AVE, KITTERY, MAINE" BY EASTERLY SURVEYING DATED JANUARY 18, 1991 AND RECORDED IN THE YCRD IN PLAN BOOK 201, PAGE 11
 - B. "LOT SURVEY FOR THE KITTERY INVESTMENT GROUP IN KITTERY, MAINE" BY BRUCE L. POHOPEK DATED OCTOBER 25, 1989
- PLAN ORIENTATION IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802-NAD83, ELEVATIONS DEPICTED HEREON ARE NAVD88, BASED ON DUAL FREQUENCY GPS OBSERVATIONS.
- UTILITY INFORMATION DEPICTED HEREON IS COMPILED USING PHYSICAL EVIDENCE LOCATED IN THE FIELD. UTILITIES DEPICTED HEREON MAY NOT NECESSARILY REPRESENT ALL EXISTING UTILITIES. CONTRACTORS AND/OR DESIGNERS NEED TO CONTACT DIG-SAFE SYSTEMS, INC. (1-888-DIG-SAFE) AND FIELD VERIFY EXISTING UTILITIES PRIOR TO CONSTRUCTION AND/OR EXCAVATION.
- THE LOCUS PROPERTY AS DEPICTED HEREON DOES NOT FALL WITHIN A SPECIAL FLOOD HAZARD AREA AS DELINEATED ON THE FLOOD INSURANCE RATE MAP FOR KITTERY, MAINE, YORK COUNTY, COMMUNITY-PANEL NUMBER 230171-0008-D, HAVING AN EFFECTIVE DATE OF JULY 3, 1996. THE LOCUS FALLS WITHIN AN AREA IDENTIFIED AS ZONE C, AREAS OF MINIMAL FLOODING.
- THE MONUMENTS MARKING THE BOUNDARY PER PLAN REFERENCE 6A WERE NOT FOUND. THE BEST EVIDENCE THAT WAS FIELD LOCATED INCLUDES THE GRANITE MONUMENT, 2.09 FEET OFFSET FROM THE BOUNDARY LINE PER PLAN REFERENCE 6A; FOUND ON WENTWORTH STREET AND THE REBAR FOUND ON TRAP AVENUE. PLAN REFERENCE 6A WAS PLACED BY HOLDING THE SCALED MEASUREMENTS FROM PLAN REFERENCE 6A'S SOUTHWESTERLY "REBAR TO BE SET" (POINT A) TO THE FOUND GRANITE MONUMENT AND THE NORTHERLY "ROW MONUMENT TO BE SET BY THE STATE OF MAINE D.O.T." (POINT B) TO THE FOUND GRANITE MONUMENT. USING THE SCALED MEASUREMENTS AS A BASE POINT THE PLAN WAS ROTATED TO THE 20 FOOT OFFSET FROM THE FOUND REBAR ON TRAP AVENUE.



SURVEYOR'S STATEMENT

THIS SURVEY WAS PERFORMED UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, IT WAS DONE IN ACCORDANCE WITH CHAPTER 90, PART 1 (PROFESSIONAL STANDARDS OF PRACTICE) AND PART 2 (TECHNICAL STANDARDS OF PRACTICE) OF THE MAINE BOARD OF LICENSURE FOR PROFESSIONAL LAND SURVEYORS.

CHARLES D. MARCHESE, PLS 2009 FEBRUARY 5, 2020

DATE	BY	DESCRIPTION
03-10-20	CDM	CHANGED RECORD OWNER
02-06-20	ISGD	ISSUED FOR SITE PLAN REVIEW
08-27-19	ISGD	ISSUED FOR CLIENT USE
02-20-19	AJS	UPDATED FOR CLIENT USE
01-10-19	AJS	ISSUED FOR CLIENT REVIEW
		STATUS:

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNIQS, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNIQS, INC.

SEBAGO
TECHNIQS

WWW.SEBAGOTECHNIQS.COM

75 John Roberts Rd.
Suite 401
South Portland, ME 04106
Tel: 207-200-2100

EXISTING CONDITIONS SURVEY

OF:
RICE PUBLIC LIBRARY
8 WENTWORTH STREET
KITTERY, MAINE 03904

FOR:
SCOTT SIMONS ARCHITECTS
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

PROJECT NO.	SCALE
18438	1" = 20'

SHEET 1 OF 1

RICE PUBLIC LIBRARY

8 WENTWORTH STREET
KITTERY, MAINE 03904

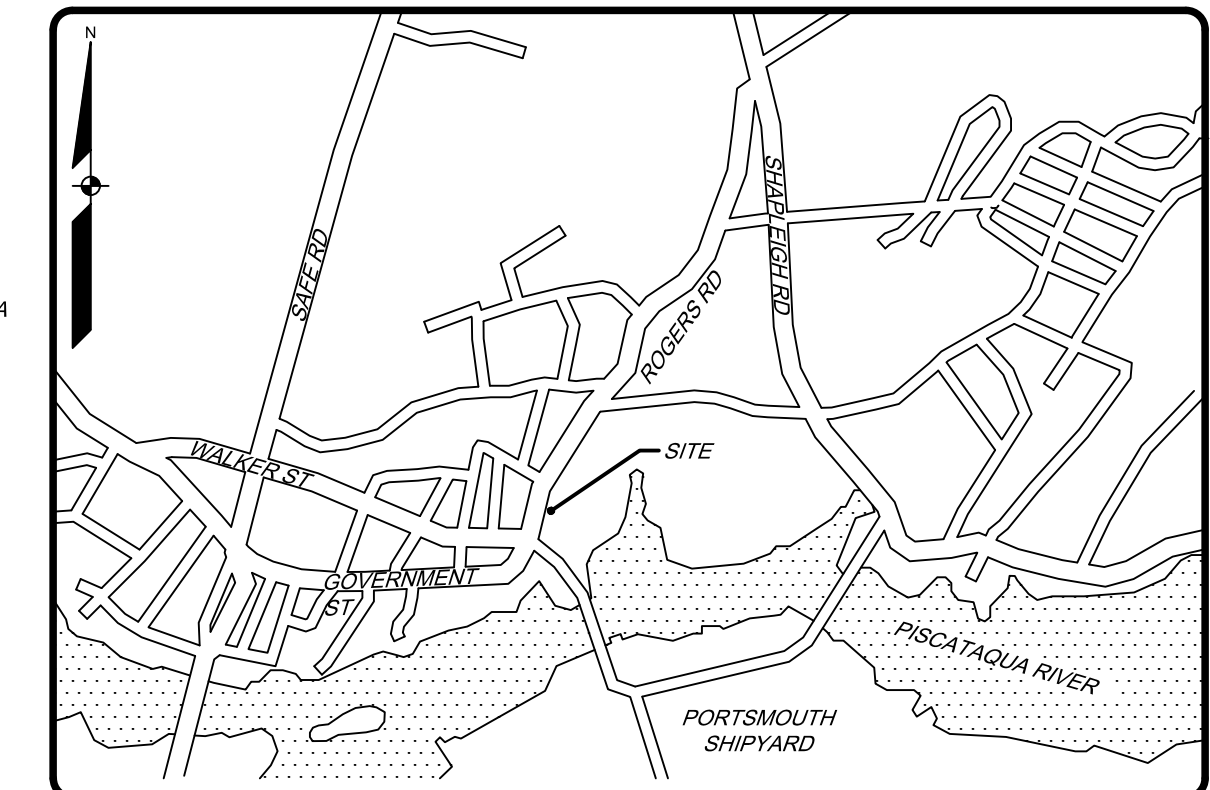
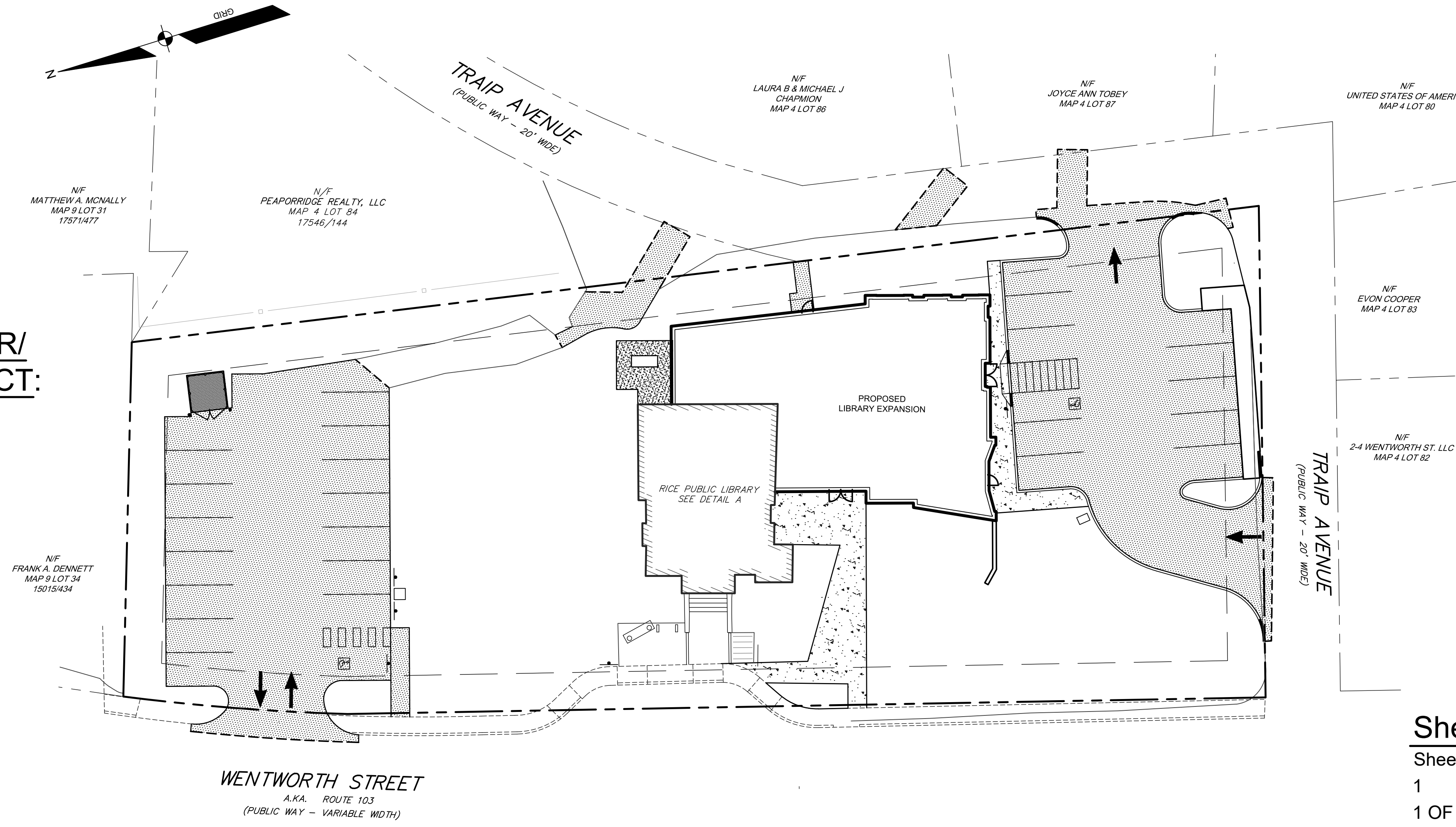
APPLICANT:

LASSEL ARCHITECT
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

SCOTT SIMONS ARCHITECTS
75 YORK STREET
PORTLAND, MAINE 04101

**ENGINEER/SURVEYOR/
LANDSCAPE ARCHITECT:**

SEBAGO
TECHNICS
WWW.SEBAGOTECHNICS.COM
75 John Roberts Rd.
Suite 4A
South Portland, ME 04106
Tel. 207-200-2100

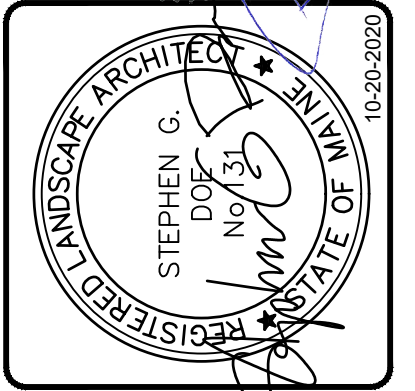


LOCATION MAP

SCALE: 1" = 20'

Sheet List Table

Sheet Number	Sheet Title
1	COVER SHEET
1 OF 1	EXISTING CONDITIONS
2	SITE PLAN
3	GRADING AND UTILITY PLAN
4	LANDSCAPE PLAN
5	EROSION CONTROL NOTES AND DETAILS
6	DETAILS
7	DETAILS
8	PHOTOMETRIC PLAN - BY OTHERS
9	ADD ALTERNATE



REV.	BY	DATE	STATUS
G	SGD	10/20/2020	ISSUED FOR BIDS
F	SGD	09/10/2020	ISSUED FOR FINAL SITE PLAN APPROVAL
E	SGD	08/14/2020	ISSUED FOR DD
D	SGD	07/23/2020	REVISED FOR VALUE ENGINEER
C	SGD	03/12/2020	REVISED PER STAFF AND CLIENT COMMENTS
B	SGD	02/06/2020	ISSUED FOR SITE PLAN REVIEW
A	SGD	08/27/2019	ISSUED FOR CLIENT USE

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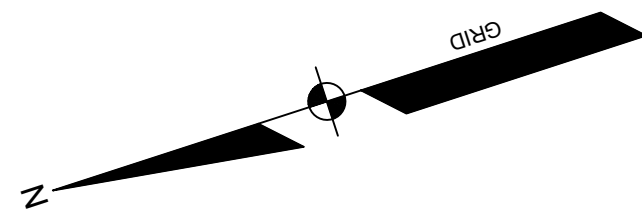


COVER SHEET
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8 WENTWORTH STREET
KITTERY, MAINE 03904
FOR:
LASSEL ARCHITECTS
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

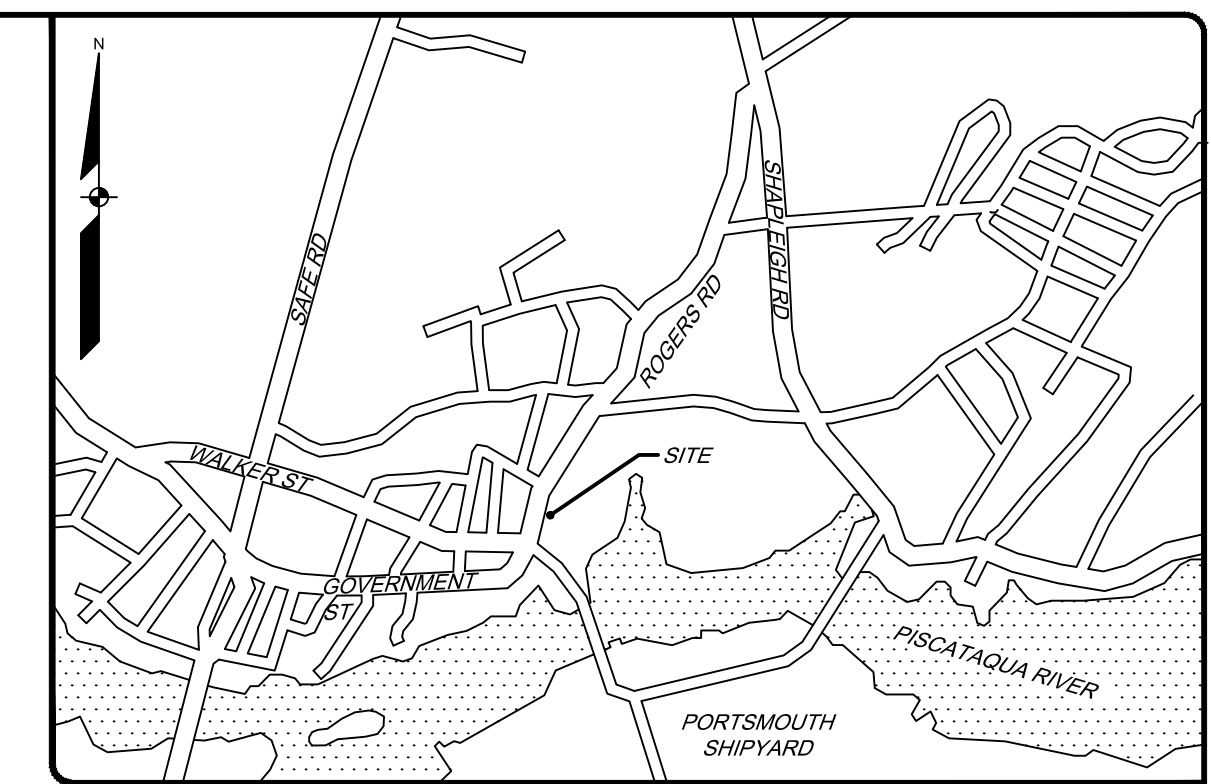
SCOTT SIMONS ARCHITECTS
75 YORK STREET
PORTLAND, MAINE 04101

DESIGNED	SGD
DRAWN	SRC
CHECKED	SGD
DATE	10/20/2020
SCALE	1" = 20'
PROJECT	18438

SHEET 1 OF 9



EXISTING	PROPOSED
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LOCATION MAP N.T.S.

GENERAL NOTES:

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11. LOT COVERAGE CALCULATIONS:

	BUILDING	TOTAL NON-VEGETATED
EXISTING:	5.32%	44.58%
PROPOSED:	15.60%	35.28%

- USE: LIBRARY
- PARKING SUMMARY
 EXISTING: 35+ SPACES (GRAVEL LOT HAS UNDEFINED SPACES)
 REQUIRED:
 A. 1 SPACE / 350 SF OF PUBLIC SPACE (9,268 SF / 350) = 26 SPACES
 B. 1 SPACE / 2 EMPLOYEES (6 EMPLOYEES / 2) = 3 SPACES
 PROPOSED: 27 SPACES + 2 SHORT-TERM SPACES OFF WENTWORTH STREET = 29 SPACES

14. BUILDING SUMMARY:

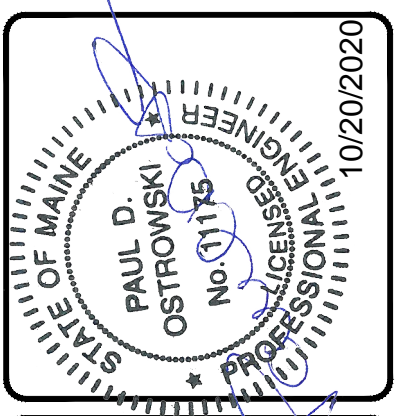
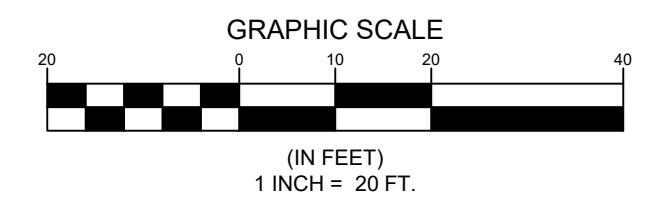
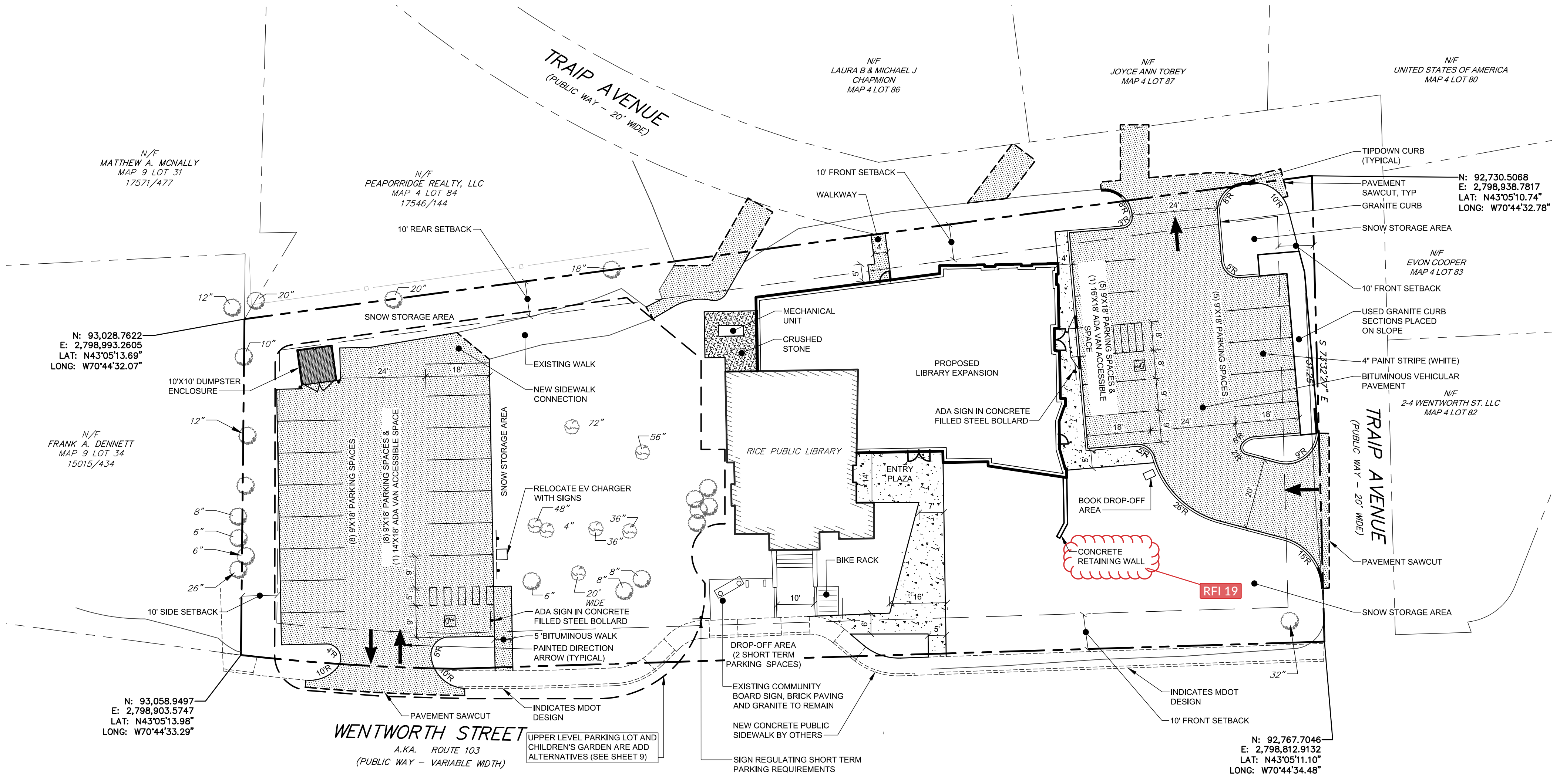
EXISTING RICE LIBRARY	EXISTING TAYLOR LIBRARY (TO BE DISCONTINUED)	PROPOSED RICE LIBRARY
BASEMENT: 1629 SF	BASEMENT: 2480 SF	1ST FLOOR: 5394 SF
1ST FLOOR: 1629 SF	FIRST FLOOR: 2480 SF	2ND FLOOR: 5363 SF
2ND FLOOR: 1629 SF	TOTAL: 4960 SF	3RD FLOOR: 5363 SF
TOTAL: 4887 SF		TOTAL: 16,120 SF

**APPROVAL-
TOWN OF KITTERY
PLANNING BOARD**

DESIGNED	SGD
DRAWN	SRC
CHECKED	SGD
DATE	10/20/2020
SCALE	1" = 20'
PROJECT	18438

GENERAL NOTES: (CONT.)

- WAINERS:
 SEC. 16.8.4.13.A. SIDEWALKS ALONG TRAIPI AVENUE WAS WAIVED BY PLANNING BOARD AUGUST 27, 2020.



STEPHEN G. DOER L.A. 131
 10-20-2020

ISSUED FOR	DATE	STATUS
ISSUED FOR BIDS	10/20/2020	ISSUED
ISSUED FOR FINAL SITE PLAN APPROVAL	09/10/2020	ISSUED
ISSUED FOR DD	08/14/2020	ISSUED
REVISED FOR VALUE ENGINEER	07/23/2020	REVISED
REVISED PER STAFF AND CLIENT COMMENTS	03/12/2020	REVISED
ISSUED FOR SITE PLAN REVIEW	02/06/2020	ISSUED
ISSUED FOR CLIENT USE	08/27/2019	ISSUED

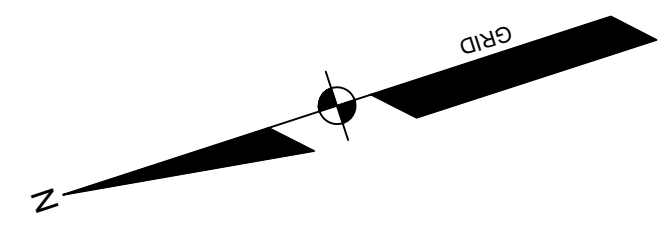
SEBAGO
 TECHNICS
 WWW.SEBAGOTECHNICS.COM
 75 John Roberts Rd.
 Sullis, IA
 South Portland, ME 04106
 Tel. 207-200-2100

SCOTT SIMONS ARCHITECTS
 75 YORK STREET
 PORTLAND, MAINE 04101

RICE PUBLIC LIBRARY
 8 WENTWORTH STREET
 KITTERY, MAINE 03904

FOR:
LASSEL ARCHITECTS
 P.O. BOX 370, 370 MAIN STREET
 SOUTH BERWICK, MAINE 03908

DESIGNED	SGD
DRAWN	SRC
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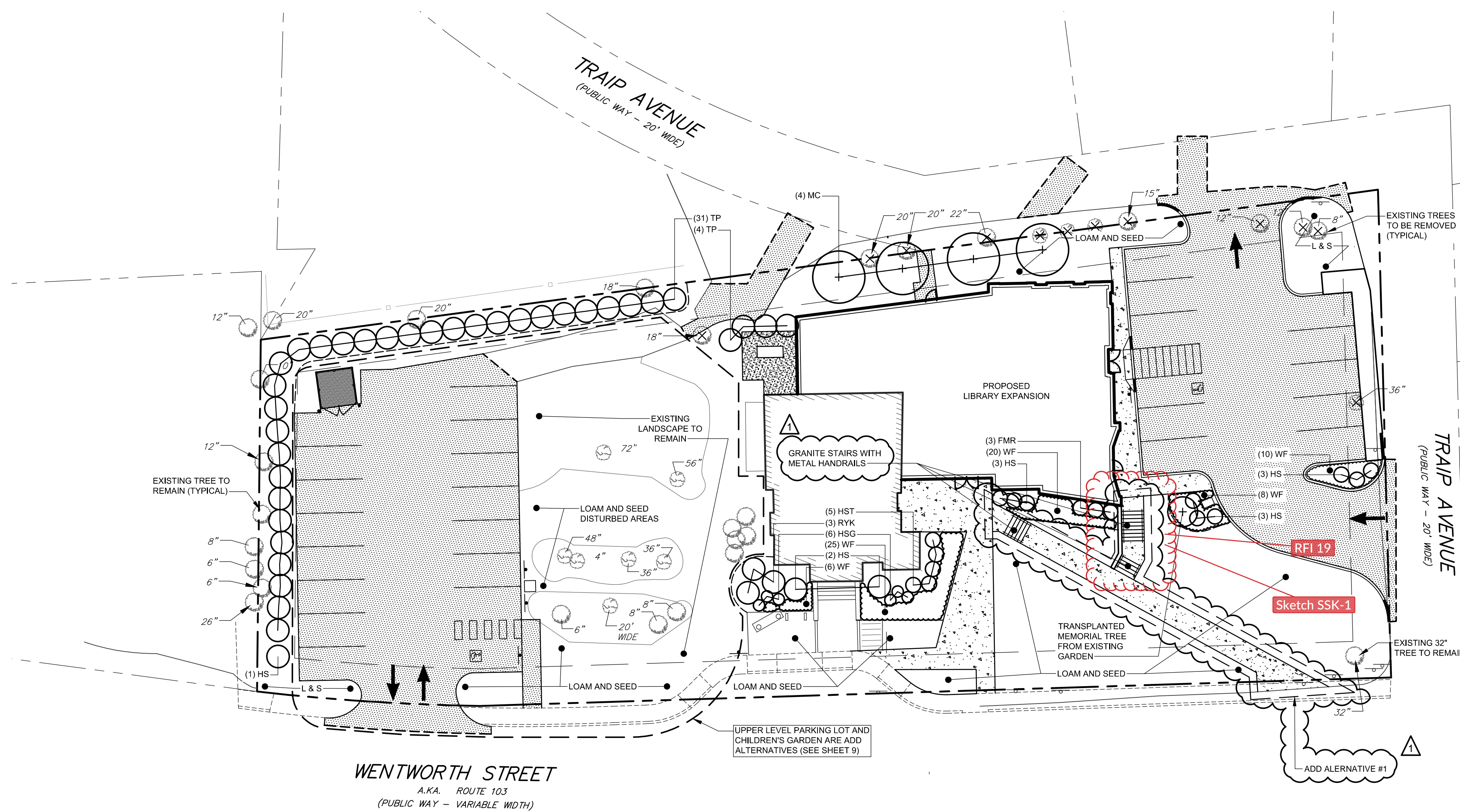


PLANT SCHEDULE

KEY BOTANICAL NAME	COMMON NAME	SIZE
HST HYDRANGEA SERRATA 'TINY TUFF STUFF'	TINY TUFF STUFF HYDRANGEA	#3 CONT.
RYK RHODODENDRON 'YAKUSHIMANUM 'KEN JANECK'	KEN JANECK RHODODENDRON	24'-30'
HSG HOSTA 'STAINED GLASS'	STAINED GLASS HOSTA	#1 CONT.
WF WALDSTEINIA FRAGARIODES	BARREN STRAWBERRY	#1 CONT.
FMR FOTHERGILLA GARDENII	DWARF BOTTLEBRUSH BUSH	#3 CONT.
MC MALUS 'CAMELOT'	CAMELOT CRABAPPLE	2' CAL.
TP THUJA PLICATA 'SPRING GROVE'	SPRING GROVE ARBORVITAE	5-6' HGT
HS HYDRANGEA MACROPHYLLA 'SEASIDE SERANADE BAR HARBOR'	SEASIDE SERANADE BAR HARBOR HYDRANGEA	#3 CONT.

LEGEND

EXISTING	PROPOSED
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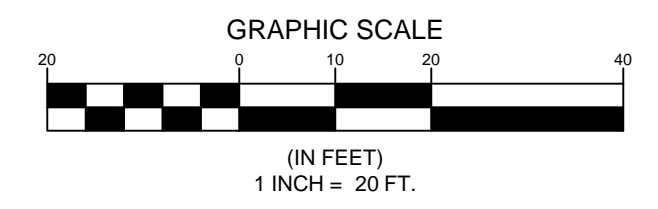
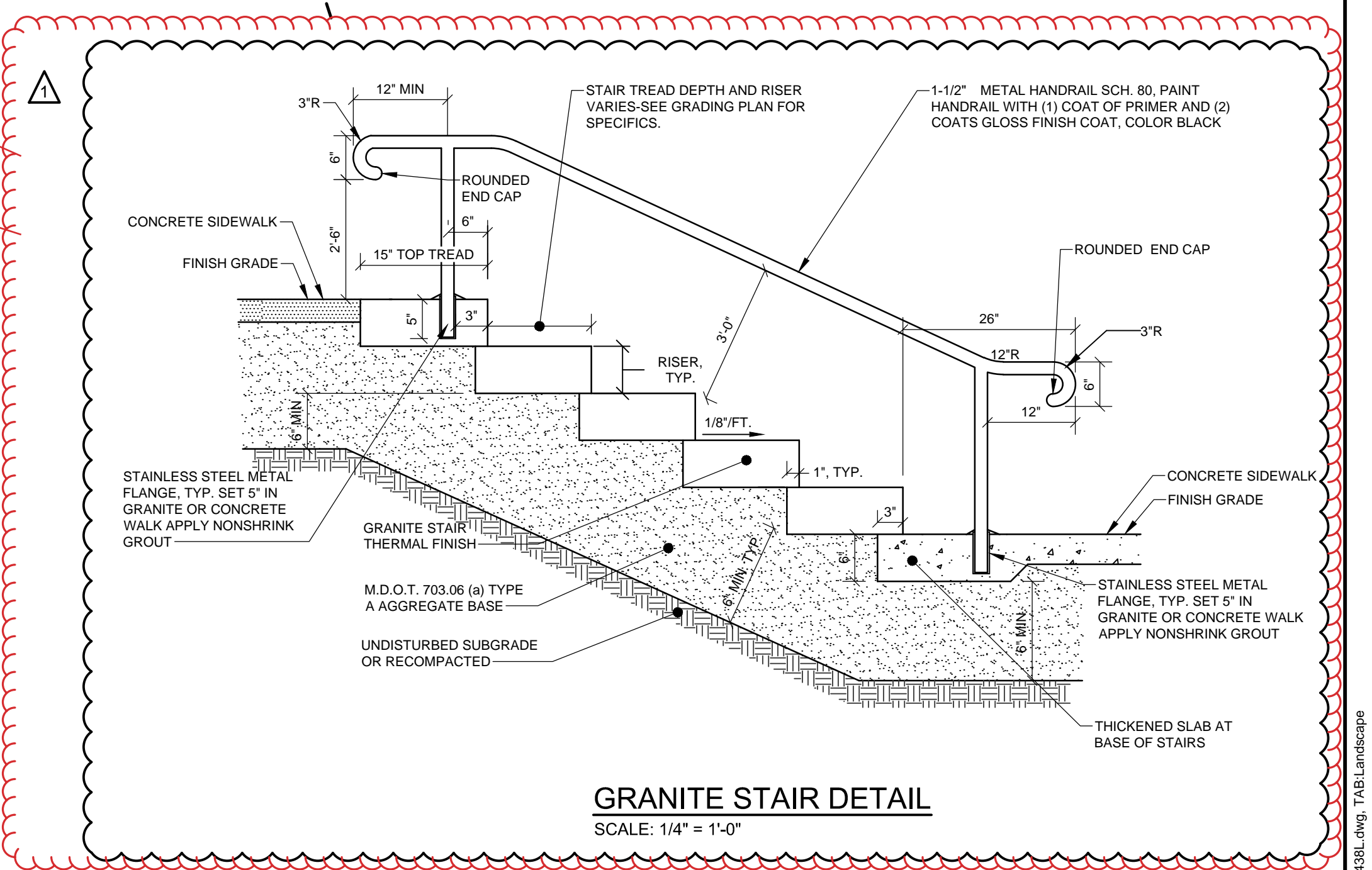


WENTWORTH STREET
A.K.A. ROUTE 103
(PUBLIC WAY - VARIABLE WIDTH)

TRAIPI AVENUE
(PUBLIC WAY - 20' WIDE)

Sketch ASI-07
Sketch SKC-01
GRANITE STAIR DETAIL AND RETAINING WALL ELEVATION

RFI 8
Sketch SSK-2



STEPHEN G. DOE R. L. A. 131

ADDENDUM #1	ISSUED FOR BIDS
SGD 11/05/2020	ISSUED FOR BIDS
SGD 10/20/2020	ISSUED FOR FINAL SITE PLAN APPROVAL
SGD 09/10/2020	ISSUED FOR DD
SGD 08/14/2020	ISSUED FOR DD
SGD 07/23/2020	REVISED FOR VALUE ENGINEER
SGD 03/12/2020	REVISED PER STAFF AND CLIENT COMMENTS
SGD 02/06/2020	ISSUED FOR SITE PLAN REVIEW
REV. BY:	DATE:
	STATUS:

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75 John Roberts Rd.
Sullivan, ME 04106
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Tel. 207-200-2100
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LANDSCAPE PLAN
OF:
RICE PUBLIC LIBRARY
8 WENTWORTH STREET
KITTEERY, MAINE 03904
FOR:
LASSEL ARCHITECTS
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

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75 YORK STREET
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DESIGNED	SGD
DRAWN	SRC
CHECKED	SGD
DATE	10/20/2020
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EROSION CONTROL MEASURES

PRE-CONSTRUCTION PHASE

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS (SILT FENCE) WILL BE STAKED/INSTALLED ACROSS THE SLOPE(S), ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. THE PLACEMENT OF SEDIMENT BARRIERS SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THIS EROSION CONTROL PLAN AND DETAILS IN THIS PLAN SET. THIS NETWORK IS TO BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION. TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER PERMANENT STABILIZATION IS ATTAINED.

PRIOR TO ANY CLEARING OR GRUBBING, A CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED AT THE INTERSECTION OF THE PROPOSED ENTRANCES AND EXISTING ROADWAY TO AVOID TRACKING OF MUD, DUST AND DEBRIS FROM THE SITE.

PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL PREPARE A DETAILED SCHEDULE AND MARKED UP PLAN INDICATING AREAS AND COMPONENTS OF THE WORK AND KEY DATES SHOWING DATE OF DISTURBANCE AND COMPLETION OF THE WORK. THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE MUNICIPAL STAFF. THREE COPIES OF THE SCHEDULE AND MARKED UP PLAN SHALL BE PROVIDED TO THE MUNICIPALITY THREE DAYS PRIOR TO THE SCHEDULED PRE-CONSTRUCTION MEETING. SPECIAL ATTENTION SHALL BE GIVEN TO THE 14 DAY LIMIT OF DISTURBANCE IN THE SCHEDULE ADDRESSING TEMPORARY AND PERMANENT VEGETATION MEASURES.

CONSTRUCTION AND POST-CONSTRUCTION PHASE

AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF MINERAL SOIL NECESSARY FOR PROGRESSIVE AND EFFICIENT CONSTRUCTION. AN AREA CONSIDERED OPEN IS ANY AREA NOT STABILIZED WITH PAVEMENT, VEGETATION, MULCHING, EROSION CONTROL MATS, RIPRAP OR GRAVEL BASE ON A ROAD, SUCH AS ACTIVE EXCAVATION AND ACTIVE GRADING. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS ACTIVELY OCCURRING OR CAN BE MULCHED IN THE SAME DAY. OPEN AREAS SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL, AS SHOWN ON THE DESIGN PLANS AND AS DESCRIBED WITHIN THIS EROSION CONTROL PLAN WITHIN SEVEN (7) DAYS OF DISTURBANCE. AREAS LOCATED WITHIN 100 FEET OF STREAMS SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL WITHIN SEVEN (7) DAYS. REFER TO WINTER EROSION CONTROL NOTES FOR THE TREATMENT OF OPEN AREAS AFTER OCTOBER 1ST OF THE CONSTRUCTION YEAR.

THE CONTRACTOR MUST INSTALL ANY ADDED MEASURES WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDENT UPON THE ACTUAL SITE AND WEATHER CONDITIONS. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED, IN ORDER TO MINIMIZE AREAS WITHOUT EROSION CONTROL PROTECTION.

EROSION CONTROL APPLICATIONS & MEASURES
THE PLACEMENT OF EROSION CONTROL MEASURES SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THE EROSION CONTROL PLAN AND DETAILS IN THE PLAN SET.

1. TEMPORARY MULCHING:

ALL DISTURBED AREAS SHALL BE MULCHED WITH MATERIALS SPECIFIED BELOW PRIOR TO ANY STORM EVENT. ALL DISTURBED AREAS NOT FINAL GRADED WITHIN 14 DAYS SHALL BE MULCHED. DISTURBED AREAS ADJACENT TO NATURAL RESOURCES THAT ARE NOT GRADED WITHIN SEVEN (7) DAYS SHALL BE MULCHED. ALSO, AREAS, WHICH HAVE BEEN TEMPORARILY OR PERMANENTLY SEEDED, SHALL BE MULCHED IMMEDIATELY FOLLOWING SEEDING. EROSION CONTROL BLANKETS ARE RECOMMENDED TO BE USED AT THE BASE OF GRASSED WATERWAYS AND ON SLOPES GREATER THAN 33%. MULCH ANCHORING SHOULD BE USED ON SLOPES GREATER THAN 5% AFTER SEPTEMBER 15TH OF THE CONSTRUCTION YEAR (SEE WINTER EROSION CONTROL NOTES). TYPES OF MULCH:

HAY OR STRAW: SHALL BE APPLIED AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE).

EROSION CONTROL MIX: SHALL BE PLACED EVENLY AND MUST PROVIDE 100% SOIL COVERAGE. EROSION CONTROL MIX SHALL BE APPLIED SUCH THAT THE THICKNESS ON SLOPES 3:1 OR LESS IS 2 INCHES PLUS 1/2 INCH PER 20 FEET OF SLOPE UP TO 100 FEET. THE THICKNESS ON SLOPES BETWEEN 3:1 AND 2:1 SHALL BE 4 INCHES PLUS 1/2 INCH PER 20 FEET OF SLOPE UP TO 100 FEET. THIS SHALL NOT BE USED ON SLOPES GREATER THAN 2:1.

EROSION CONTROL BLANKET: SHALL BE INSTALLED SUCH THAT CONTINUOUS CONTACT BETWEEN THE MAT AND THE SOIL IS OBTAINED. INSTALL BLANKETS AND STAPLE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

2. SOIL STOCKPILES:

STOCKPILES OF SOIL OR SUBSOIL SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 75 LBS/1,000 S.F. (1.5 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF WOOD WASTE EROSION CONTROL MIX. THIS WILL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL. ANY SOIL STOCKPILE WILL NOT BE PLACED (EVEN COVERED WITH HAY OR STRAW) WITHIN 100 FEET FROM ANY NATURAL RESOURCES. SEDIMENT BARRIERS SHALL BE INSTALLED DOWNGRADIENT OF STOCKPILES, AND STORMWATER SHALL BE PREVENTED FROM RUNNING ONTO THE STOCKPILE.

3. NATURAL RESOURCES PROTECTION:

ANY AREAS WITHIN 100 FEET FROM ANY NATURAL RESOURCES SHALL BE MULCHED USING TEMPORARY MULCHING (AS DESCRIBED IN PART 1 OF THIS SECTION) WITHIN 7 DAYS OF EXPOSURE OR PRIOR TO ANY STORM EVENT. SEDIMENT BARRIERS (AS DESCRIBED IN PART 4 OF THIS SECTION) SHALL BE PLACED BETWEEN ANY NATURAL RESOURCE AND THE DISTURBED AREA. PROJECTS CROSSING THE NATURAL RESOURCE SHALL BE PROTECTED A MINIMUM DISTANCE OF 100 FEET ON EITHER SIDE FROM THE RESOURCE.

4. SEDIMENT BARRIERS:

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, SEDIMENT BARRIERS SHALL BE STAKED ACROSS THE SLOPE(S), ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. SEDIMENT BARRIERS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL EXPOSED SLOPES HAVE AT LEAST 90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION.

SILT FENCE: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE EFFECTIVE HEIGHT OF THE FENCE SHALL NOT EXCEED 36 INCHES. IT IS RECOMMENDED THAT SILT FENCE BE REMOVED BY CUTTING THE FENCE MATERIALS AT GROUND LEVEL SO AS TO AVOID ADDITIONAL SOIL DISTURBANCE.

HAY BALES: SHALL NOT BE INSTALLED ADJACENT TO WETLAND. INSTALL PER THE DETAIL ON THE PLANS. BALES SHALL BE WIRE-BOUND OR STRING-TIED AND THESE BINDINGS MUST REMAIN PARALLEL WITH THE GROUND SURFACE DURING INSTALLATION TO PREVENT DETERIORATION OF THE BINDINGS. BALES SHALL BE INSTALLED WITHIN A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.

EROSION CONTROL MIX: SHALL NOT BE USED ADJACENT TO WETLANDS. INSTALL PER THE DETAIL ON THE PLANS. THE MIX SHALL CONSIST PRIMARILY OF ORGANIC MATERIAL AND CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4 INCHES IN DIAMETER. THE MIX COMPOSITION SHALL MEET THE STANDARDS DESCRIBED WITHIN THE MDEP BEST MANAGEMENT PRACTICES. NO TRENCHING IS REQUIRED FOR INSTALLATION OF THIS BARRIER. EROSION CONTROL MIX BERMS SHALL NOT BE USED AT THE BOTTOM OF STEEP SLOPES (8:8%) OR SLOPES WITH FLOWING WATER.

CONTINUOUSLY CONTAINED BERM: SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THIS SEDIMENT BARRIER IS EROSION CONTROL MIX PLACED WITH A SYNTHETIC TUBULAR NETTING AND PERFORMS AS A STURDY SEDIMENT BARRIER THAT WORKS WELL ON HARD GROUND SUCH AS FROZEN CONDITIONS, TRAVELED AREAS OR PAVEMENT. NO TRENCHING IS REQUIRED FOR INSTALLATION OF THIS BARRIER.

5. TEMPORARY CHECK DAMS:

SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. CHECK DAMS ARE TO BE PLACED WITHIN DITCHES/ SWALES AS SPECIFIED ON THE DESIGN PLANS IMMEDIATELY AFTER FINAL GRADING. CHECK DAMS SHALL BE 2 FEET HIGH. TEMPORARY CHECK DAMS MAY BE REMOVED ONLY AFTER THE ROADWAYS ARE PAVED AND THE VEGETATED SWALE ARE ESTABLISHED WITH AT LEAST 90% OF VIGOROUS PERENNIAL GROWTH. THE AREA BENEATH THE CHECK DAM MUST BE SEEDED AND MULCHED IMMEDIATELY AFTER REMOVAL OF THE CHECK DAM.

STONE CHECK DAMS: STONE DAMS SHOULD BE CONSTRUCTED OF 2 TO 3 INCH STONE AND PLACED SUCH THAT COMPLETE COVERAGE OF THE SWALE IS OBTAINED AND THAT THE CENTER OF THE DAM IS 6 INCHES LOWER THAN THE OUTER EDGES.

HAY BALE CHECK DAMS: BALES SHALL BE WIRE-BOUND OR STRING-TIED. BALES SHALL BE INSTALLED WITHIN A MINIMUM 4 INCH DEEP TRENCH LINE WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER. HAY BALES SHALL BE PLACED SUCH THAT COMPLETE COVERAGE OF THE SWALE IS OBTAINED AND THAT THE CENTER OF THE DAM IS 6 INCHES LOWER THAN THE OUTER EDGES.

MANUFACTURED CHECK DAMS: MANUFACTURED CHECK DAMS, AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF AUTHORIZED BY THE PROPER LOCAL, STATE OR FEDERAL REGULATING AGENCIES. THESE UNITS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

6. STORMDRAIN INLET PROTECTION:

INLET PROTECTION SHALL BE PLACED AROUND A STORMDRAIN DROP INLET OR CURB INLET PRIOR TO PERMANENT STABILIZATION OF THE IMMEDIATE AND UPSTREAM DISTURBED AREAS. THEY SHALL BE CONSTRUCTED IN A MANNER THAT WILL FACILITATE CLEAN-OUT AND DISPOSAL OF TRAPPED SEDIMENTS AND MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES. ANY RESULTANT PONDING OF WATER FROM THE PROTECTION METHOD MUST NOT CAUSE EXCESSIVE INCONVENIENCE OR DAMAGE TO ADJACENT AREAS OR STRUCTURES.

HAY BALE DROP INLET PROTECTION: WE DO NOT RECOMMEND THE USE OF HAY BALES AS INLET PROTECTION.

CONCRETE BLOCK AND STONE INLET SEDIMENT FILTER (DROP OR CURB INLET): SHALL BE INSTALLED PER THE DETAIL ON THE PLANS. THE HEIGHT OF THE CONCRETE BLOCK BARRIER CAN VARY BUT MUST BE BETWEEN 12 AND 24 INCHES TALL. A MINIMUM OF 1 INCH CRUSHED STONE SHALL BE USED.

MANUFACTURED SEDIMENT BARRIERS AND FILTER (DROP OR CURB INLET): MANUFACTURED FILTERS, AS SPECIFIED IN THE DETAIL ON THE PLANS, MAY BE USED IF INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

7. STABILIZED CONSTRUCTION ENTRANCE/EXIT:

PRIOR TO CLEARING AND/OR GRUBBING THE SITE A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE CONSTRUCTED WHEREVER TRAFFIC WILL EXIT THE CONSTRUCTION SITE ONTO A PAVED ROADWAY IN ORDER TO MINIMIZE THE TRACKING OF SEDIMENT AND DEBRIS FROM THE CONSTRUCTION SITE ONTO PUBLIC ROADWAYS. THE ENTRANCES AND ADJACENT ROADWAY SHALL BE PERIODICALLY SWEEPED TO FURTHER MINIMIZE THE TRACKING OF MUD, DUST OR DEBRIS FROM THE CONSTRUCTION AREA. THE TERM "SWEEP" IS UNDERSTOOD TO MEAN REMOVAL AND RECOVERY OF TRACKED SEDIMENT WITH A STREET SWEEPER, NOT BRUSHING THE MATERIAL INTO SWALES OR STRUCTURES WITH A MECHANICAL MANTAIN. STABILIZED CONSTRUCTION EXITS SHALL BE CONSTRUCTED IN AREAS SPECIFIED ON THE PLANS AND AS DETAILED ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN THE STABILIZED CONSTRUCTION ENTRANCE UNTIL ALL DISTURBED AREAS ARE STABILIZED.

DUST CONTROL:

DUST CONTROL DURING CONSTRUCTION SHALL BE ACHIEVED BY THE USE OF A WATERING TRUCK TO PERIODICALLY SPRINKLE THE EXPOSED ROADWAY AREAS AS NECESSARY TO REDUCE DUST DURING THE DRY MONTHS. APPLYING OTHER DUST CONTROL PRODUCTS SUCH AS CALCIUM CHLORIDE OR OTHER MANUFACTURED PRODUCTS ARE ALLOWED IF AUTHORIZED BY THE PROPER LOCAL, STATE AND/OR FEDERAL REGULATING AGENCIES. HOWEVER, IT IS THE CONTRACTOR'S ULTIMATE RESPONSIBILITY TO MITIGATE DUST AND SOIL LOSS FROM THE SITE. IF OFFSITE TRACKING OCCURS, PUBLIC ROADS SHOULD BE SWEEPED IMMEDIATELY AND NOT LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS.

TEMPORARY VEGETATION:

TEMPORARY VEGETATION SHALL BE APPLIED TO DISTURBED AREAS THAT WILL NOT RECEIVE FINAL GRADING FOR PERIODS UP TO 12 MONTHS. THIS PROCEDURE SHOULD BE USED EXTENSIVELY IN AREAS ADJACENT TO NATURAL RESOURCES. SEEDED PREPARATION AND APPLICATION OF SEED SHALL BE CONDUCTED AS INDICATED IN THE PERMANENT VEGETATION SECTION OF THIS NARRATIVE. SPECIFIC TYPES OF FAST GROWING AND SHORT LIVING) SHALL BE SELECTED FROM THE MAINE EROSION AND SEDIMENT CONTROL BMP MANUALS FOR CONTRACTORS AND ENGINEERS. 2016 OR LATEST REVISION. ALTERNATIVE EROSION CONTROL MEASURES SHOULD BE USED IF SEEDING CAN NOT BE DONE BEFORE SEPTEMBER 15TH OF THE CONSTRUCTION YEAR.

PERMANENT VEGETATION:

REVEGETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON COMPLETION OF FINAL GRADING OF AREAS TO BE LOAMED AND SEEDED. THE APPLICATION OF SEED SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. PLEASE REFER TO THE WINTER EROSION CONTROL NOTES FOR MORE DETAIL. REVEGETATION MEASURES SHALL CONSIST OF THE FOLLOWING:

SEEDED PREPARATION:

- A. FOUR (4) INCHES OF LOAM SHALL BE SPREAD OVER DISTURBED AREAS AND SMOOTHED TO A UNIFORM SURFACE. LOAM SHALL BE FREE OF SUBSOIL, CLAY LUMPS, STONES AND OTHER OBJECTS OVER 2 INCHES OR LARGER IN ANY DIMENSION, AND WITHOUT WEEDS, ROOTS OR OTHER OBJECTIONABLE MATERIAL.
- B. SOILS TESTS SHALL BE TAKEN AT THE TIME OF SOIL STRIPPING TO DETERMINE FERTILIZATION REQUIREMENTS. SOILS TESTS SHALL BE TAKEN PROMPTLY AS TO NOT INTERFERE WITH THE 14-DAY LIMIT ON SOIL EXPOSURE. BASED UPON TEST RESULTS, SOIL AMENDMENTS SHALL BE INCORPORATED INTO THE SOIL PRIOR TO FINAL SEEDING. IN LIEU OF SOIL TESTS, SOIL AMENDMENTS MAY BE APPLIED AS FOLLOWS:

ITEM	APPLICATION RATE
10-20-20 FERTILIZER (N-P205-K20 OR EQUIV.)	18.4 LBS./1,000 S.F.
GROUND LIMESTONE (50% CALCIUM & MAGNESIUM OXIDE)	138 LBS./1,000 S.F.

- C. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH PROPER EQUIPMENT. ROLL THE AREA TO FIRM THE SEEDED EXCEPT ON CLAY OR SILTY SOILS OR COARSE SAND.

APPLICATION OF SEED:

- A. SEEDING: SHALL BE CONDUCTED BETWEEN APRIL 1ST AND OCTOBER 1ST OF THE CONSTRUCTION YEAR. GENERALLY A SEED MIXTURE MAY BE APPLIED AS FOLLOWS: (MDEP SEED MIX 2 IS DISPLAYED)

SEED TYPE	APPLICATION RATE
CREeping RED FESCUE	0.46 LBS/1,000 S.F. (20 LBS/ACRE)
RETDOP	0.05 LBS/1,000 S.F. (2 LBS/ACRE)
TALL FESCUE	0.46 LBS/1,000 S.F. (20 LBS/ACRE)
TOTAL:	0.97 LBS/1,000 S.F. (42 LBS/ACRE)

NOTE: A SPECIFIC SEED MIXTURE SHOULD BE CHOSEN TO MATCH THE SOILS CONDITION OF THE SITE. VARIOUS AGENCIES CAN RECOMMEND SEED MIXTURES. MDEP RECOMMENDED SEED MIXTURES ARE IN THE EROSION AND SEDIMENT CONTROL BMP MANUAL DATED 2016 OR LATEST REVISION.

- B. HYDROSEEDING: SHALL BE CONDUCTED ON PREPARED AREAS WITH SLOPES LESS THAN 2:1. LIME AND FERTILIZER MAY BE APPLIED SIMULTANEOUSLY WITH THE SEED. RECOMMENDED SEEDING RATES MUST BE INCREASED BY 10% WHEN HYDROSEEDING.

- C. MULCHING: SHALL COMMENCE IMMEDIATELY AFTER SEED IS APPLIED. REFER TO THE TEMPORARY MULCHING SECTION OF THIS NARRATIVE FOR DETAILS.

SODDING:

FOLLOWING SEEDED PREPARATION, SOD CAN BE APPLIED IN LIEU OF SEEDING IN AREAS WHERE IMMEDIATE VEGETATION IS MOST BENEFICIAL, SUCH AS DITCHES, AROUND STORMWATER DROP INLETS AND AREAS OF AESTHETIC VALUE. SOD SHOULD BE LAID AT RIGHT ANGLES TO THE DIRECTION OF FLOW, STARTING AT THE LOWEST ELEVATION. SOD SHOULD BE ROLLED OR TAMPED DOWN TO EVEN OUT THE JOINTS ONCE LAID DOWN. WHERE FLOW IS PREVALENT THE SOD MUST BE PROPERLY ANCHORED DOWN WITH STONE RIPPAP - THE CONTRACTOR WILL PLACE A LAYER OF STONE RIPPAP ON THE SLOPE BY NOVEMBER 15. THE APPLICANT WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPPAP.

STANDARDS FOR TIMELY STABILIZATION:

STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES - THE CONTRACTOR WILL CONSTRUCT AND STABILIZE STONE-COVERED SLOPES BY NOVEMBER 15. THE CONTRACTOR WILL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 15. THE MDEP WILL CONSIDER ANY AREA HAVING A GRADE GREATER THAN 15% (10:1 V) TO BE A SLOPE. IF THE CONTRACTOR FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY SEPTEMBER 15, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.

- A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS - BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SLOPE WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET AND APPLY EROSION CONTROL MATS OVER THE MULCHED SLOPE. THE CONTRACTOR WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SLOPE BY NOVEMBER 1, THEN THE APPLICANT WILL COVER THE SLOPE WITH A LAYER OF WOOD WASTE COMPOST AS DESCRIBED IN ITEM 2(C), OF THIS STANDARD OR WITH STONE RIPPAP AS DESCRIBED IN ITEM 2(D), OF THIS STANDARD.
- B. STABILIZE THE SLOPE WITH SOD - THE CONTRACTOR WILL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SLOPE WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL. THE APPLICANT WILL NOT USE LATE-SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (2H:1V).
- C. STABILIZE THE SLOPE WITH WOOD WASTE COMPOST - THE CONTRACTOR WILL PLACE A SIX-INCH LAYER OF WOOD WASTE COMPOST ON THE SLOPE BY NOVEMBER 15. PRIOR TO PLACING THE WOOD WASTE COMPOST, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE. THE APPLICANT WILL NOT USE WOOD WASTE COMPOST TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.
- D. STABILIZE THE SLOPE WITH STONE RIPPAP - THE CONTRACTOR WILL PLACE A LAYER OF STONE RIPPAP ON THE SLOPE BY NOVEMBER 15. THE APPLICANT WILL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPPAP.

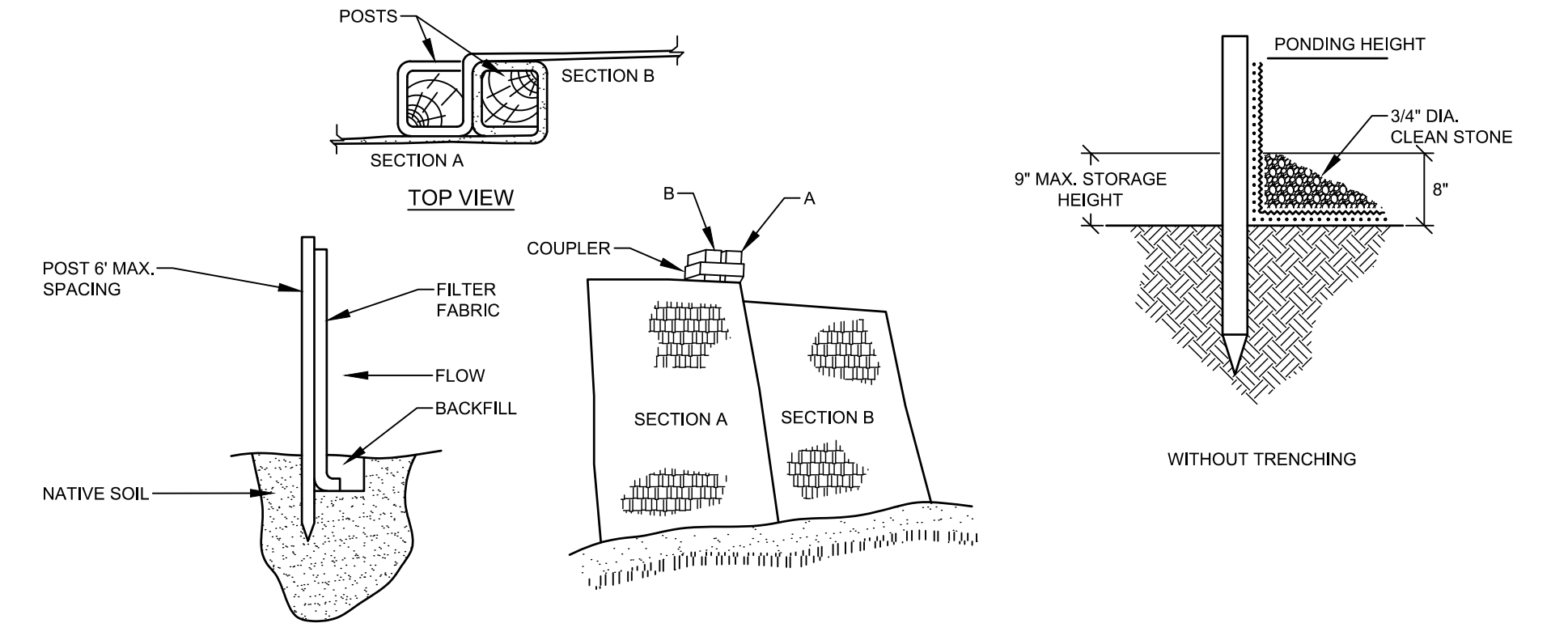
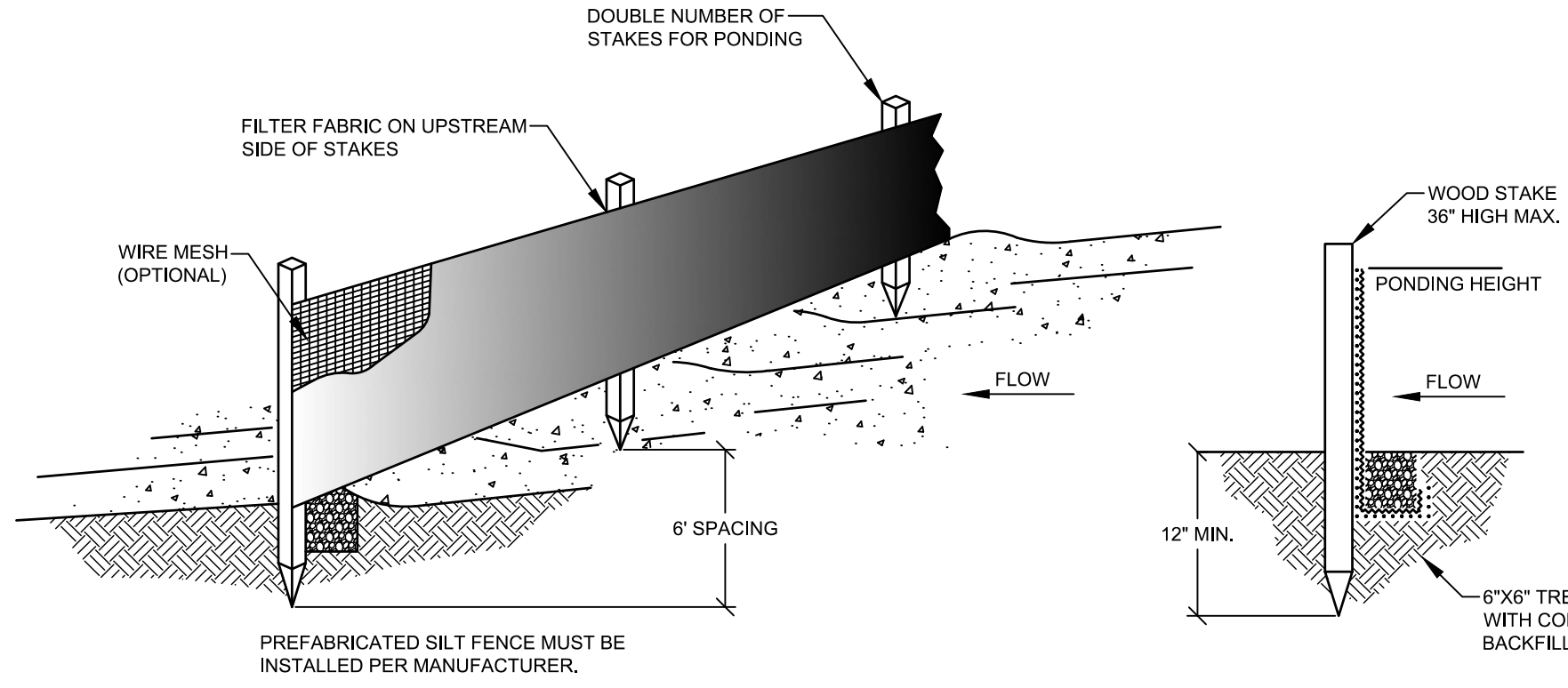
STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SOILS - BY SEPTEMBER 15 THE CONTRACTOR WILL SEED AND MULCH ALL DISTURBED SOILS ON AREAS HAVING A SLOPE LESS THAN 15%. IF THE CONTRACTOR FAILS TO STABILIZE THESE SOILS BY THIS DATE, THEN THE CONTRACTOR WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SOIL FOR LATE FALL AND WINTER.

- A. STABILIZE THE SOIL WITH TEMPORARY VEGETATION - BY OCTOBER 1 THE CONTRACTOR WILL SEED THE DISTURBED SOIL WITH WINTER RYE AT A SEEDING RATE OF 3 POUNDS PER 1000 SQUARE FEET. LIGHTLY MULCH THE SEEDED SOIL WITH HAY OR STRAW AT 75 POUNDS PER 1000 SQUARE FEET, AND ANCHOR THE MULCH WITH PLASTIC NETTING. THE APPLICANT WILL MONITOR GROWTH OF THE RYE OVER THE NEXT 30 DAYS. IF THE RYE FAILS TO GROW AT LEAST THREE INCHES OR COVER AT LEAST 75% OF THE DISTURBED SOIL BEFORE NOVEMBER 15, THEN THE APPLICANT WILL MULCH THE AREA FOR OVER-WINTER PROTECTION AS DESCRIBED IN ITEM 3(C), OF THIS STANDARD.
- B. STABILIZE THE SOIL WITH SOD - THE APPLICANT WILL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY OCTOBER 1. PROPER INSTALLATION INCLUDES THE APPLICANT PINNING THE SOD ONTO THE SOIL WITH WIRE PINS, ROLLING THE SOD TO GUARANTEE CONTACT BETWEEN THE SOD AND UNDERLYING SOIL, AND WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL.
- C. STABILIZE THE SOIL WITH MULCH - BY NOVEMBER 15 THE APPLICANT WILL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF AT LEAST 150 POUNDS PER 1000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. PRIOR TO APPLYING THE MULCH, THE APPLICANT WILL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED AREA. IMMEDIATELY AFTER APPLYING THE MULCH, THE APPLICANT WILL ANCHOR THE MULCH WITH PLASTIC NETTING TO PREVENT WIND FROM MOVING THE MULCH OFF THE DISTURBED SOIL.

1. MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION CYCLE. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, AND AT LEAST EVERY SEVEN (7) DAYS, THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES. THE CONTRACTOR SHALL REPAIR REPAIRS NO LATER THAN THE END OF THE NEXT WORKDAY. TO ALLOW CONTINUED PROPER FUNCTIONING OF THE EROSION CONTROL MEASURE, THE CONTRACTOR SHALL PROVIDE THE NECESSARY REGULATING AGENCIES WITH WRITTEN DOCUMENTATION DESCRIBING DATES OF INSPECTIONS AND NECESSARY FOLLOW-UP WORK TO MAINTAIN EROSION CONTROL MEASURES MEETING THE REQUIREMENTS OF THIS PLAN WITHIN SEVEN (7) DAYS.
2. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMIMONTHLY UNTIL THE SEEDINGS HAVE BEEN ESTABLISHED. ESTABLISHED MEANS A MINIMUM OF 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH. RESEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW-UP INSPECTIONS IN THE EVENT OF ANY FAILURES UNTIL VEGETATION IS ADEQUATELY ESTABLISHED.

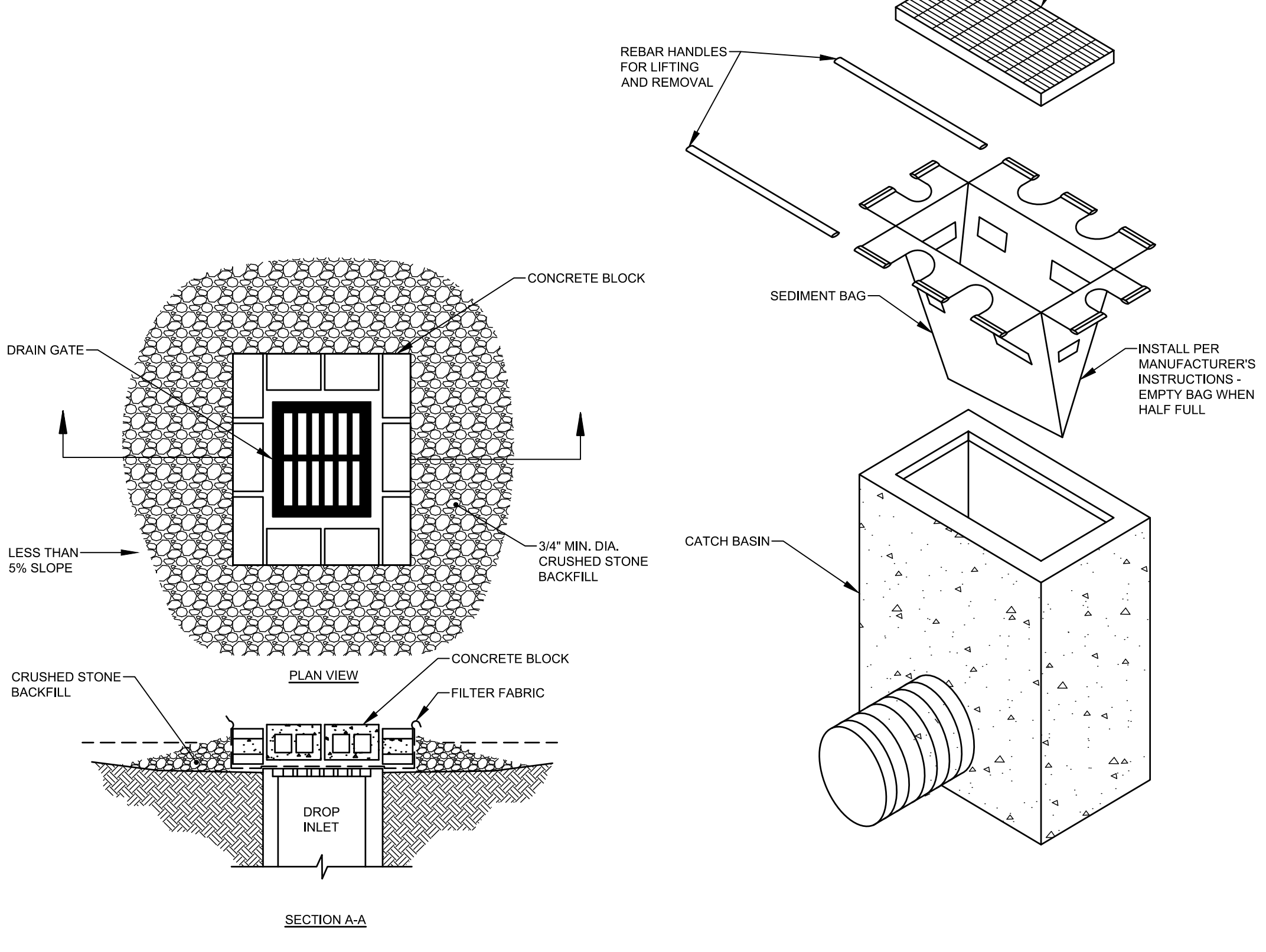
HOUSEKEEPING:

1. SPILL PREVENTION: CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM CONSTRUCTION AND WASTE MATERIALS STORED ON SITE TO ENTER STORMWATER, WHICH INCLUDES STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER. THE SITE CONTRACTOR OR OPERATOR MUST DEVELOP, AND IMPLEMENT AS NECESSARY, APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING MEASURES.
2. GROUNDWATER PROTECTION: DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, ACCUMULATES OTHER RELEVANT FACTORS SUCH AS CLAY, SILT, SAND, AND OTHER MATERIALS THAT CAN BE STORED IN SHUMPS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS. ANY PROJECT PROPOSING INFILTRATION OF STORMWATER MUST PROVIDE ADEQUATE PRE-TREATMENT OF STORMWATER PRIOR TO DISCHARGE TO THE INFILTRATION AREA, OR PROVIDE FOR TREATMENT WITHIN THE INFILTRATION AREA IN ORDER TO PREVENT THE ACCUMULATION OF FINES, REDUCTION IN INFILTRATION RATE, AND CONSEQUENT FLOODING AND DESTABILIZATION.
3. FUGITIVE SEDIMENT AND DUST: ACTIONS MUST BE TAKEN TO ENSURE THAT ACTIVITIES DO NOT RESULT IN NOTICEABLE EROSION OF SOILS OR FUGITIVE DUST EMISSIONS DURING OR AFTER CONSTRUCTION. OIL MAY NOT BE USED FOR DUST CONTROL, BUT OTHER WATER ADDITIVES MAY BE CONSIDERED AS NEEDED. A STABILIZED CONSTRUCTION ENTRANCE (SCE) SHOULD BE INCLUDED TO MINIMIZE TRACKING OF MUD AND SEDIMENT. IF OFF-SITE TRACKING OCCURS, PUBLIC ROADS SHOULD BE SWEEP IMMEDIATELY AND NO LESS THAN ONCE A WEEK AND PRIOR TO SIGNIFICANT STORM EVENTS, OPERATIONS DURING DRY MONTHS, THAT EXPERIENCE FUGITIVE DUST PROBLEMS, SHOULD WET DOWN UNPAVED ACCESS ROADS ONCE A WEEK OR MORE FREQUENTLY AS NEEDED WITH A WATER ADDITIVE TO SUPPRESS FUGITIVE SEDIMENT AND DUST.
4. DEBRIS AND OTHER MATERIALS: MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF. THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
5. EXCAVATION DE-WATERING: EXCAVATION DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODDED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT.
6. AUTHORIZED NON-STORMWATER DISCHARGES: IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES, WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST. THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON-STORMWATER DISCHARGES ARE:
 - A. DISCHARGES FROM FIRE FIGHTING ACTIVITY;
 - B. FIRE HYDRANT DISCHARGES;
 - C. VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED);
 - D. DUST CONTROL RUNOFF IN ACCORDANCE WITH PERMIT CONDITIONS;
 - E. ROUTINE EXTERNAL BLDG. WASHING/DOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS;
 - F. PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT USED;
 - G. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;
 - H. UNCONTAMINATED GROUNDWATER OR SPRING WATER;
 - I. FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT CONTAMINATED;
 - J. UNCONTAMINATED EXCAVATION DEWATERING;
 - K. POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND
 - L. LANDSCAPE IRRIGATION.
7. UNAUTHORIZED NON-STORMWATER DISCHARGES: THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE A DISCHARGE THAT IS MIXED WITH A SOURCE OF NON-STORMWATER OTHER THAN THOSE DISCHARGES SPECIFICALLY LISTED. THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:
 - A. WASTEWATER FROM THE WASHOUT OR CLEAN OUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS;
 - B. FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
 - C. SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND
 - D. TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.



- INSTALLATION:**
1. EXCAVATE A 6"x6" TRENCH ALONG THE LINE OF PLACEMENT FOR THE FILTER BARRIER.
 2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH.
 3. DRIVE POSTS INTO THE GROUND UNTIL APPROXIMATELY 2" OF FABRIC IS LYING ON THE TRENCH BOTTOM.
 4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH. BACKFILL THE TRENCH AND TAMP THE SOIL. TOE-IN CAN ALSO BE ACCOMPLISHED BY LAYING THE FABRIC FLAP ON UNDISTURBED GROUND AND PILING AND TAMPING FILL AT THE BASE, BUT MUST BE ACCOMPANIED BY AN INTERCEPTION DITCH.
 5. JOIN SECTION AS SHOWN ABOVE.
 6. BARRIERS SHALL BE MIRAR SILT FENCE OR EQUAL.
 7. THE FENCE SHOULD BE ANCHORED TO RESIST PULL-OUT AND BE STRETCHED TIGHTLY BETWEEN STAKES TO PREVENT SAGGING.
 8. IN AREAS WHERE FLAP CANNOT BE KEYED PROPERLY DUE TO FROZEN GROUND, BEDROCK, STONY SOILS, ROOTS NEAR A PROTECTED NATURAL RESOURCE, ETC., THE SILT FENCE SHOULD BE ANCHORED WITH AGGREGATE, CRUSHED STONE, EROSION CONTROL MIX OR OTHER MATERIAL.
 9. FILTER BARRIER NEEDS TO BE REMOVED WHEN THE AREA IS STABILIZED.

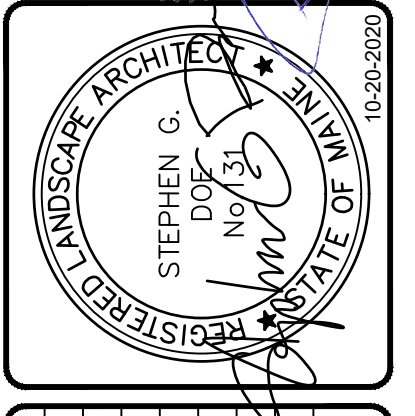
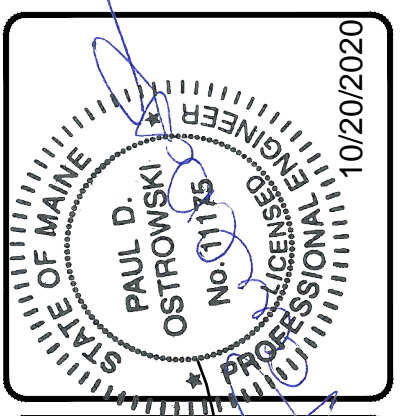
FILTER BARRIER NOT TO SCALE



CATCH BASIN INSERTS OR FILTER SACKS MADE OF WOVEN GEOTEXTILE ARE REUSABLE. USE SHOULD FOLLOW THE MANUFACTURER'S GUIDELINES. THEY ARE PLACED UNDER THE GRATE AND HAVE A BUILT-IN OVERFLOW FOR LARGE STORM FLOWS. THE INSERT SHOULD BE REMOVED AND THE CATCH BASIN CLEANED AT THE END OF THE CONSTRUCTION PROJECT. CONCRETE BLOCKS PLACED ON THEIR SIDE AROUND THE INLET AND WRAPPED IN GEOTEXTILE FABRIC SHOULD BE SURROUNDED WITH CRUSHED STONE (1/2 INCH DIAMETER AND CLEAN). SAND-FILLED BAGS BUTTED TOGETHER AROUND THE PERIMETER OF A STORM DRAIN MAY BE USED IF THE BAGS ARE STAGGERED TO MAKE A STABLE BARRIER. THE BERM SHOULD HAVE A MINIMUM HEIGHT OF 12 INCHES. SILT FENCE WITH GRAVEL MAY BE PLACED AROUND THE PERIMETER OF A CATCH BASIN AND SURROUNDED WITH GRAVEL.

CATCH BASIN PROTECTION DETAIL (FOR PAVED AREAS)

NOT TO SCALE



ISSUED FOR BIDS	ISSUED FOR FINAL SITE PLAN APPROVAL
G	SGD 10/20/2020
F	SGD 09/10/2020
E	SGD 08/14/2020
D	SGD 07/23/2020
C	SGD 07/12/2020
B	SGD 02/06/2020
A	SGD 08/27/2019

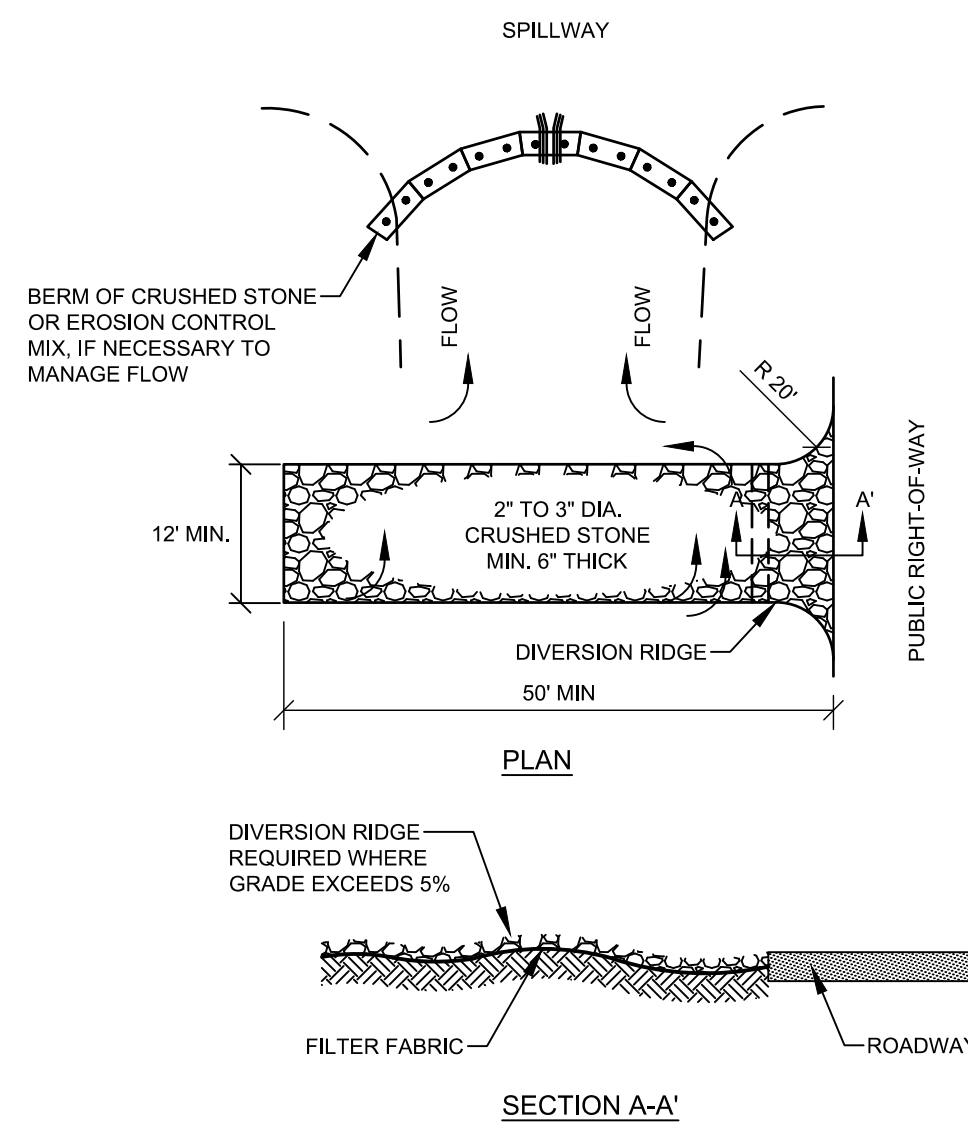
REV. BY: DATE: STATUS: THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNIQS, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNIQS, INC.

SEBAGO
TECHNIQS
75 John Roberts Rd.
South Portland, ME 04106
Tel. 207-250-2100
www.sebagotechniqs.com

EROSION CONTROL NOTES AND DETAILS
OF:
RICE PUBLIC LIBRARY
8 WENTWORTH STREET
KITTERY, MAINE 03904
FOR:
LASSEL ARCHITECTS
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

SCOTT SIMONS ARCHITECTS
75 YORK STREET
PORTLAND, MAINE 04101

DESIGNED	SGD
DRAWN	SRC
CHECKED	SGD
DATE	10/20/2020
SCALE	1" = 20'

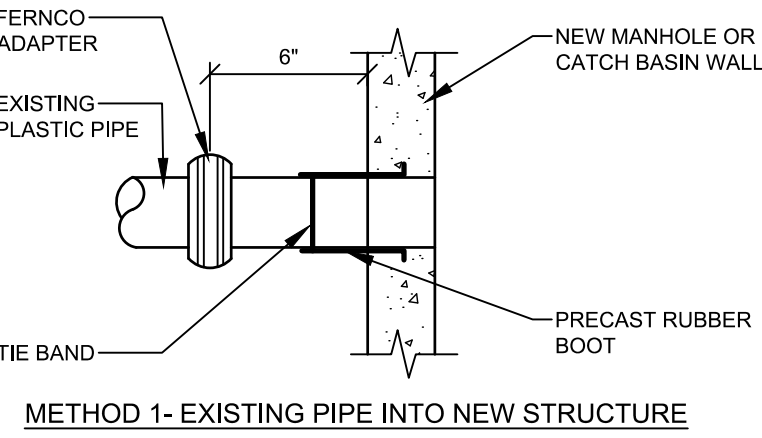


- NOTES:**
- STONE SIZE- AASHTO DESIGNATION M43, SIZE NO. 2 (1/2" TO 1 1/2"). USE CRUSHED STONE.
 - LENGTH- AS SHOWN ON PLANS, MIN. 50 FEET.
 - THICKNESS- NOT LESS THAN EIGHT (8) INCHES.
 - WIDTH- NOT LESS THAN FULL WIDTH OF ALL POINT OF INGRESS OR EGRESS.
 - MAINTENANCE- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

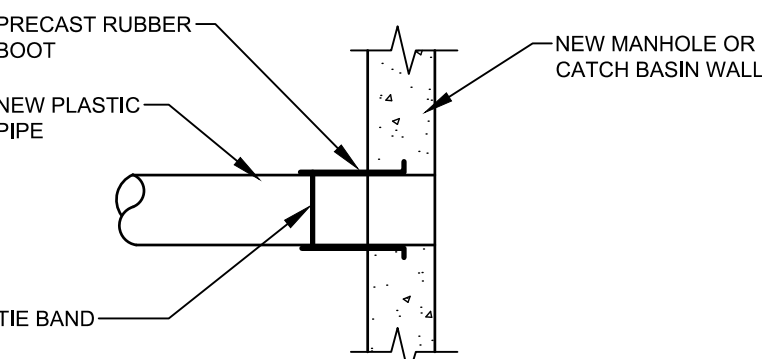
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

- CONSTRUCTION SPECIFICATIONS:**
- THE ENTRANCE/EXIT PAD SHOULD HAVE A LENGTH OF 50 FEET OR MORE AND A 12 FOOT MINIMUM WIDTH (OR AS APPROPRIATE TO CONTAIN THE WHEEL BASE OF CONSTRUCTION VEHICLES PLUS 3 FEET ON EITHER SIDE).
 - THE PAD SHOULD BE 6 INCHES OR MORE THICK WITH ANGULAR AGGREGATE (2-3 INCH DIAMETER), APPROPRIATE RECLAIMED CONCRETE MATERIAL MAY BE USED.
 - THE AGGREGATE SHOULD BE PLACED OVER A GEOTEXTILE FILTER TO PREVENT THE STONES FROM PUSHING INTO THE NATIVE SOIL.
 - AT THE BOTTOM OF SLOPES, A DIVERSION RIDGE SHOULD BE PROVIDED TO INTERCEPT RUNOFF. BERMS MAY BE NECESSARY TO DIVERT WATER AROUND ANY EXPOSED SOIL, AND RUNOFF SHOULD BE DIRECTED TO A SEDIMENT TRAP.
 - THE WHEELS OF CONSTRUCTION EQUIPMENT MAY BE WASHED PRIOR TO EXITING THE SITE. WASHING SHOULD BE PERFORMED IN AN AREA THAT DRAINS TO A SEDIMENT TRAP OR BASIN.
 - THE PAD SHOULD BE INSPECTED WEEKLY, AND BEFORE AND AFTER EACH STORM. THE PAD MAY HAVE TO BE REPLACED IF THE VOIDS BECOME FILLED WITH SEDIMENT.
 - ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY.

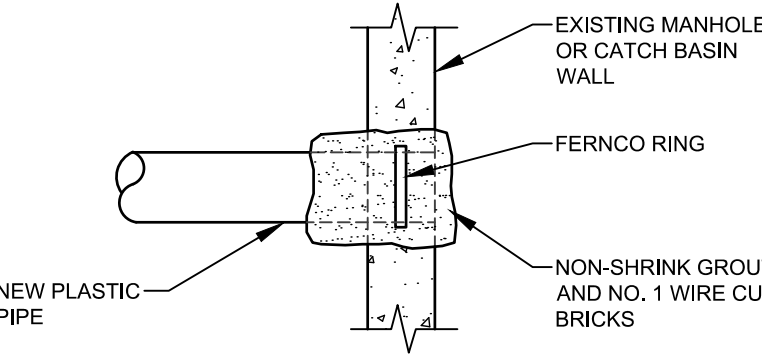
A PAD OF COURSE AGGREGATE AT THE CONSTRUCTION ENTRANCE/EXIT WILL REDUCE THE TRACKING OF SOIL FROM CONSTRUCTION TRAFFIC ONTO A PUBLIC STREET. SEDIMENTS FROM THE TIRE TREADS ARE KNOCKED LOOSE BY THE ANGULAR STONES AND ARE TRAPPED IN THE VOIDS BETWEEN THE STONES.



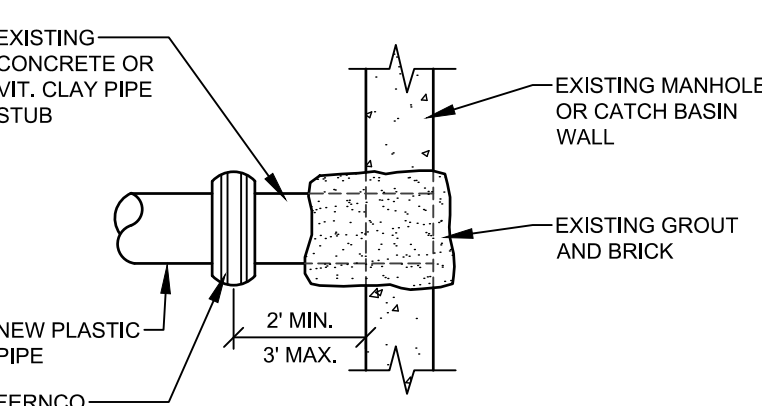
METHOD 1- EXISTING PIPE INTO NEW STRUCTURE



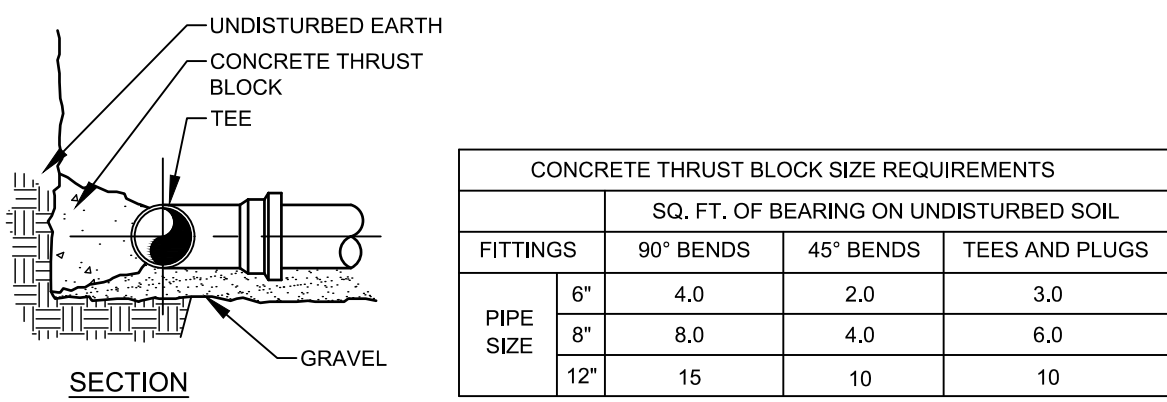
METHOD 2- NEW CONSTRUCTION



METHOD 3- NEW PIPE INTO EXISTING STRUCTURE

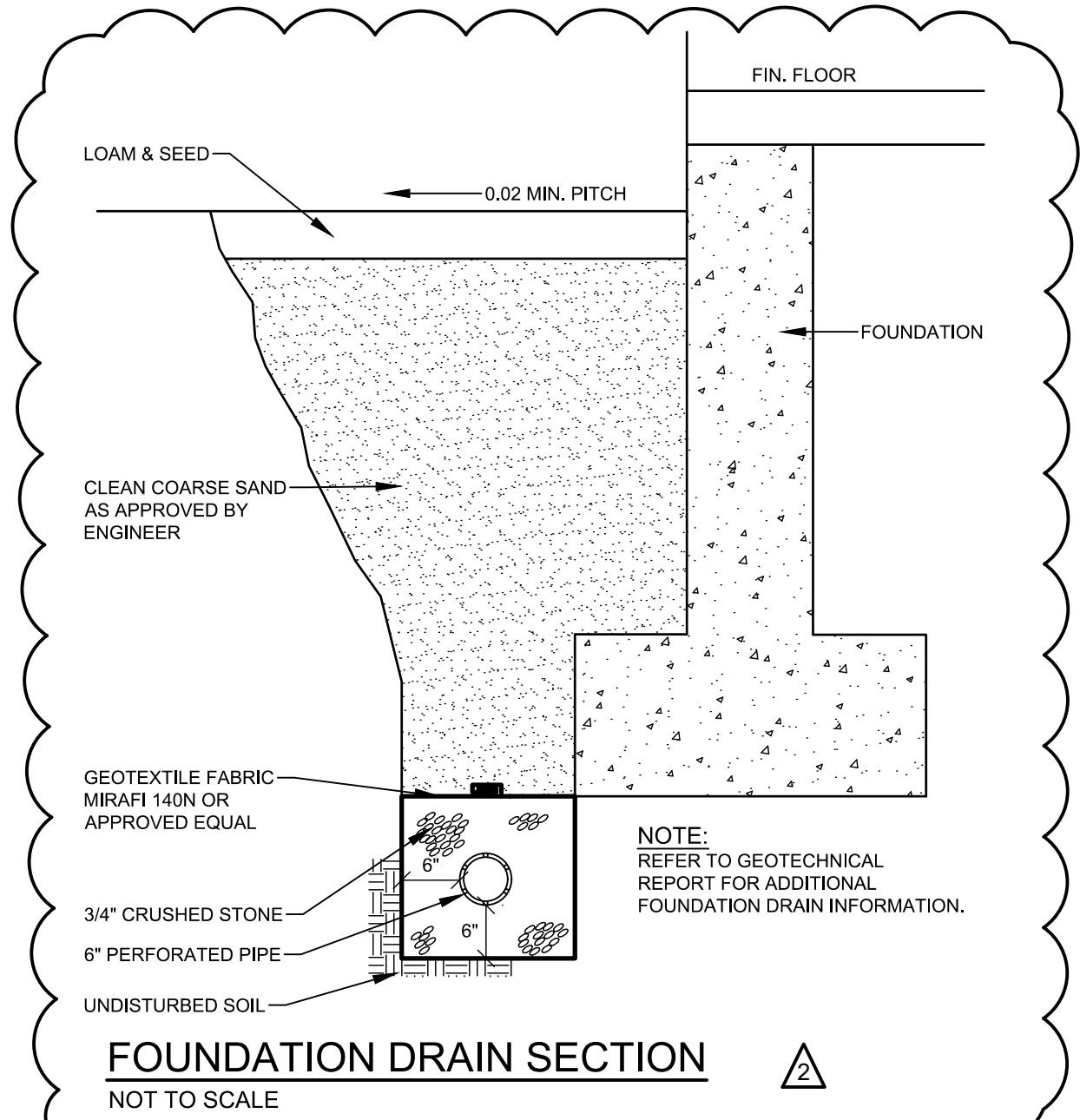
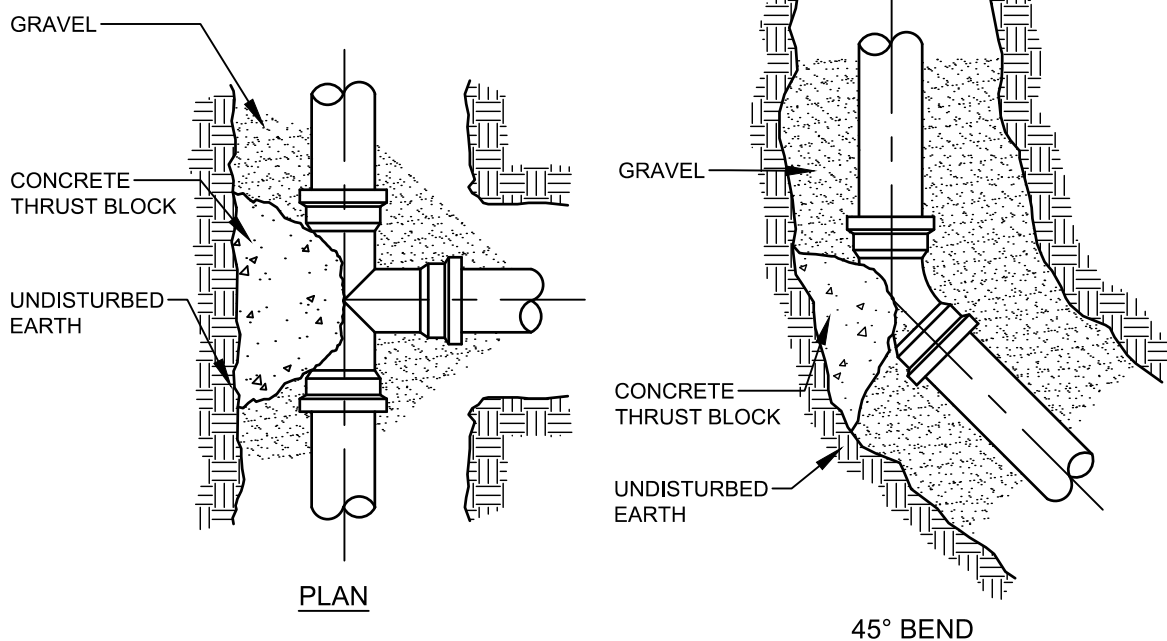


METHOD 4- NEW PIPE INTO EXISTING STUB

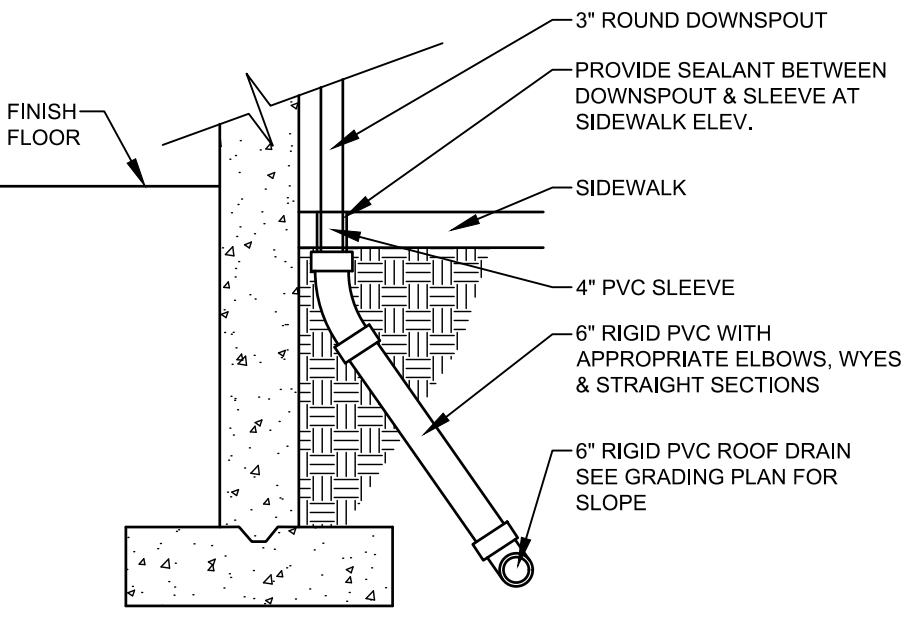


TEE & BEND DETAIL
NOT TO SCALE

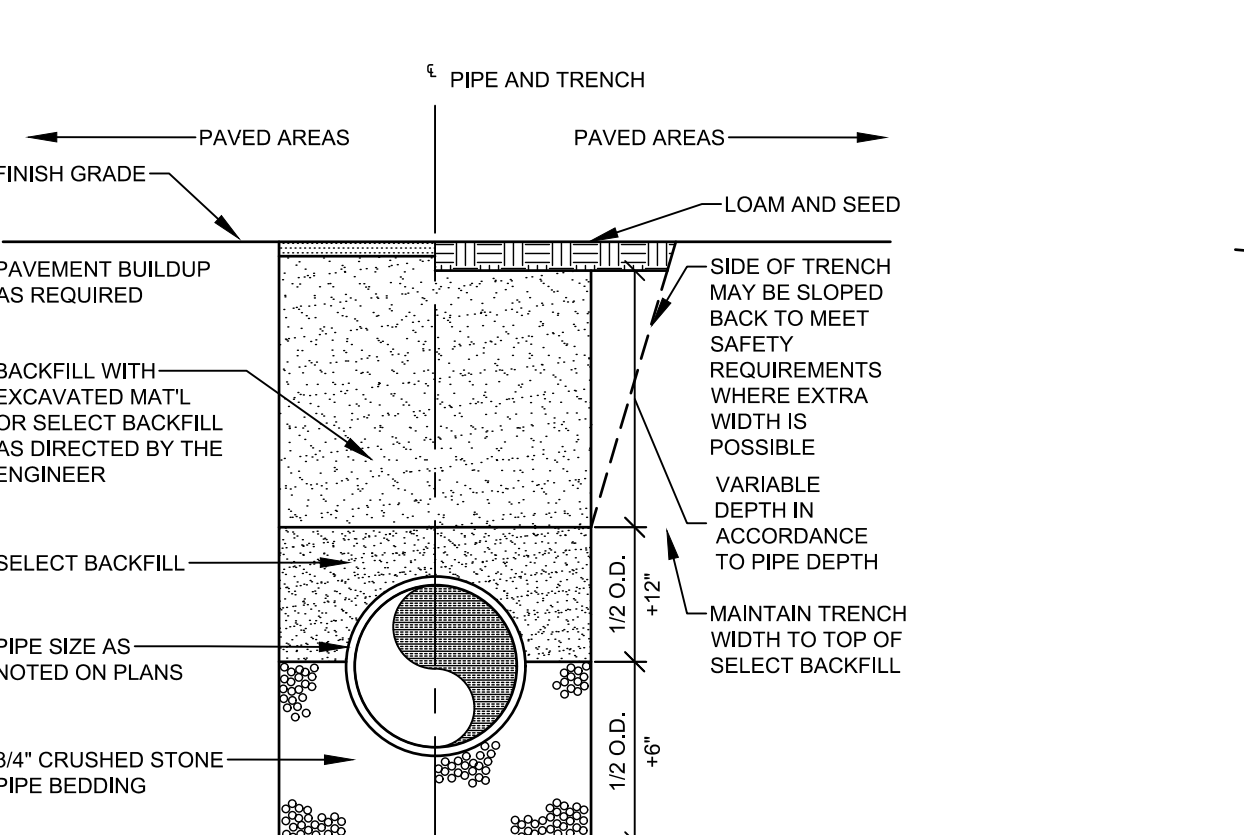
FITTINGS	CONCRETE THRUST BLOCK SIZE REQUIREMENTS		
	90° BENDS	45° BENDS	TEES AND PLUGS
PIPE SIZE 6"	4.0	2.0	3.0
PIPE SIZE 8"	8.0	4.0	6.0
PIPE SIZE 12"	15	10	10



FOUNDATION DRAIN SECTION
NOT TO SCALE



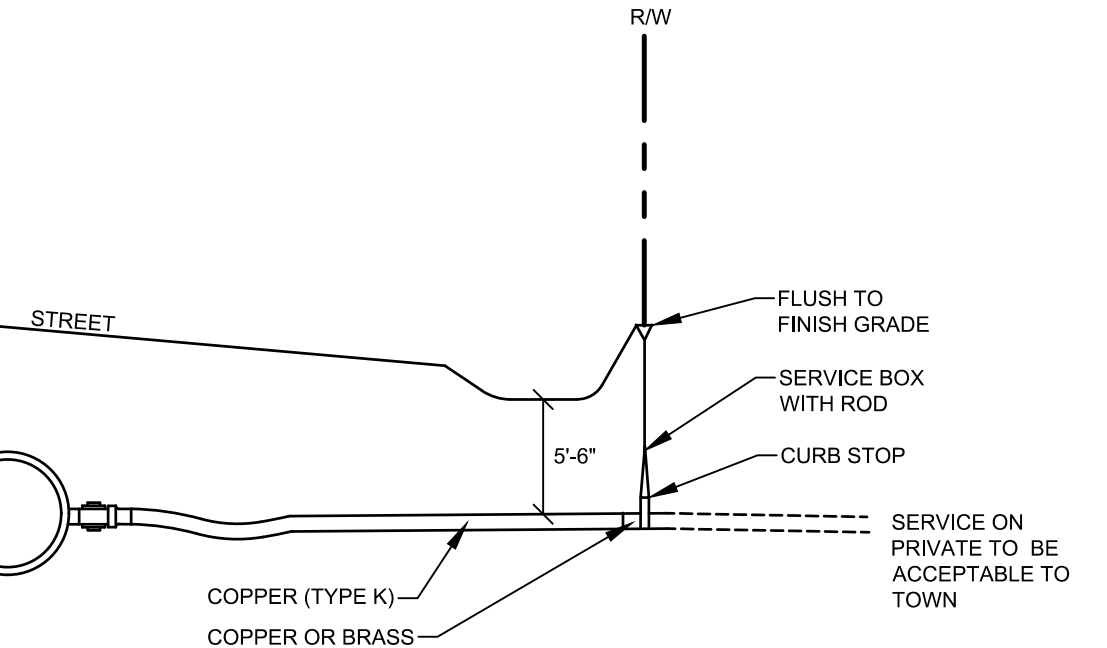
ROOF DRAIN CONNECTOR
NOT TO SCALE



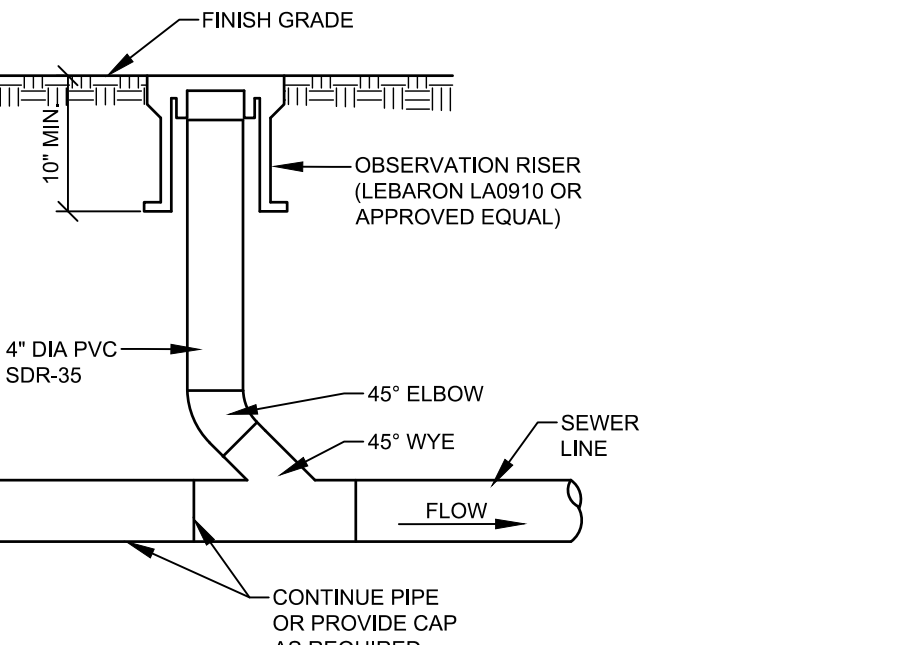
PIPE TYPE	PIPE BEDDING MATERIAL	SELECT BACKFILL
CORRUGATED METAL	MDOT 703.22 TYPE B	MDOT 703.22 TYPE B
DUCTILE IRON	TYPE B UD BACKFILL	TYPE B UD BACKFILL
REINFORCED CONCRETE	MDOT 703.22 TYPE C	MDOT 703.22 TYPE C
PVC-SDR 35 HDPE	MDOT 703.22 TYPE C	MDOT 703.22 TYPE C
PERFORATED PVC-SDR 35 HDPE	MDOT 703.22 TYPE C	MDOT 703.22 TYPE C

NOTE: ALL BRACING AND SHEETING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL MEET ALL STATE AND O.S.H.A. SAFETY STANDARDS.

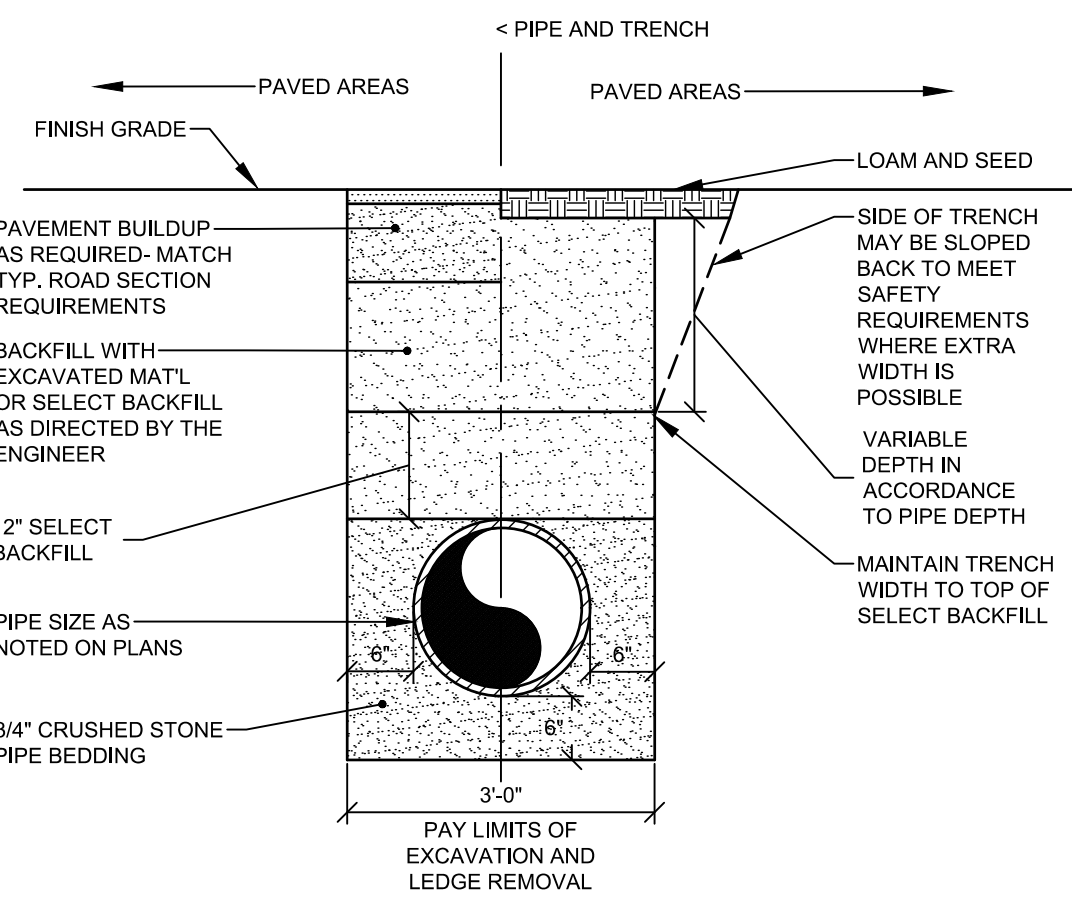
TRENCH SECTION
NOT TO SCALE



WATER SERVICE CONNECTION
NOT TO SCALE



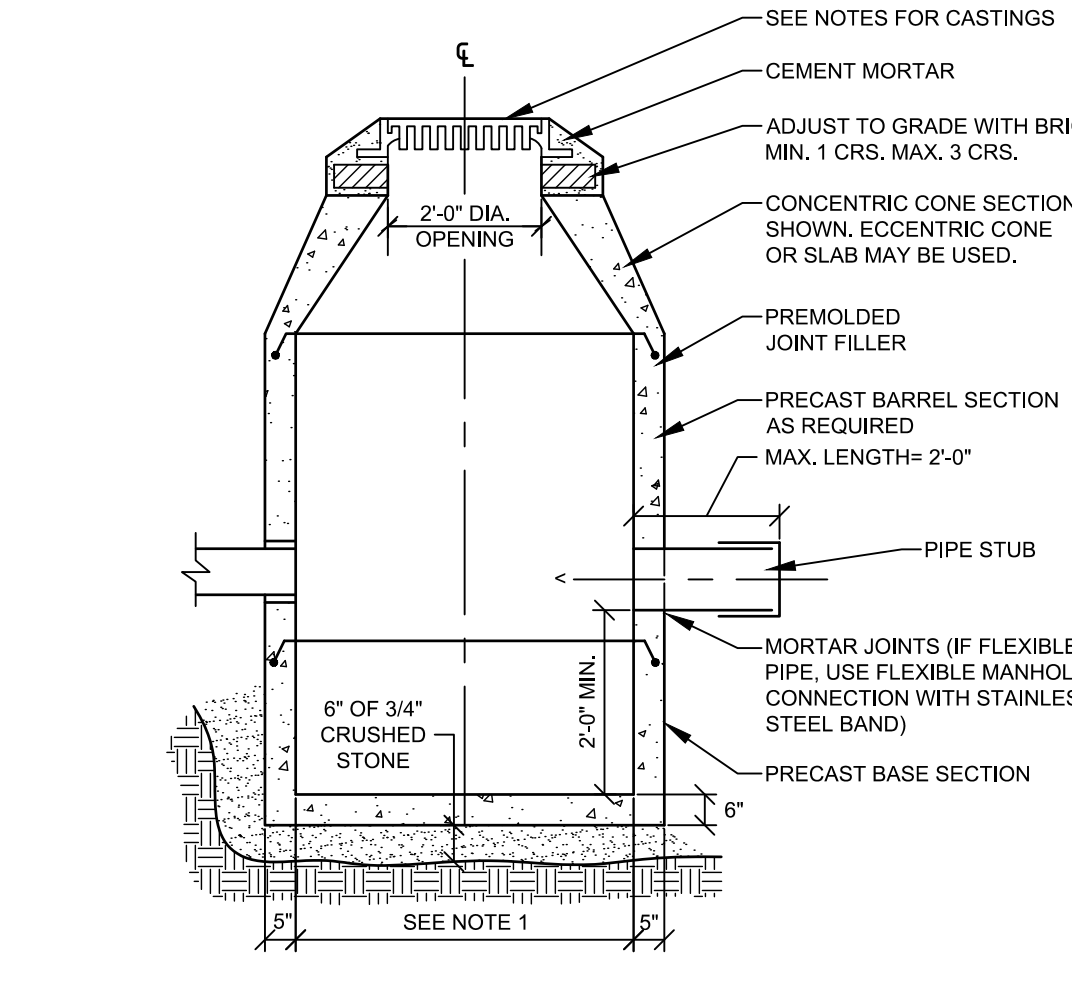
STORMTRAIN CLEANOUT
NOT TO SCALE



TRENCH SECTION WITHIN CITY R.O.W.
NOT TO SCALE

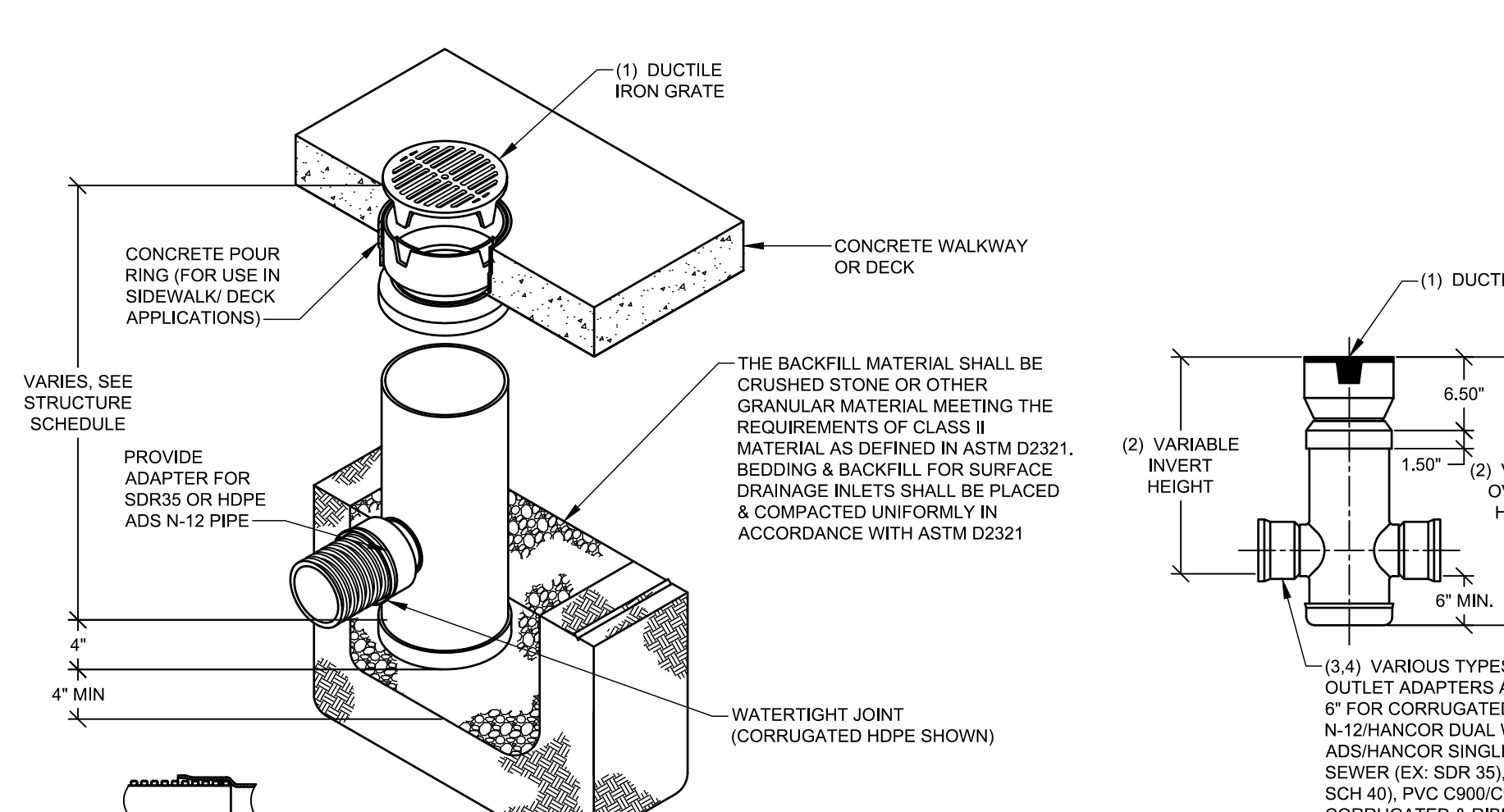
PLASTIC PIPE CONNECTIONS
NOT TO SCALE

SEWER / FOUNDATION DRAIN SERVICE CONNECTION
NOT TO SCALE



- NOTES:**
- 4'-0" I.D. TYPICAL. SOME STRUCTURES MAY REQUIRE LARGER I.D. PROVIDE SHOP DRAWINGS.
 - DRAINAGE STRUCTURES TO BE DESIGNED FOR H-20 LOADING.
 - PIPE SIZES AND INVERTS AS NOTED ON PLANS.
 - CATCH BASIN FRAME AND GRATE TO BE NEENAH FOUNDRY R-2554, OR APPROVED EQUAL.

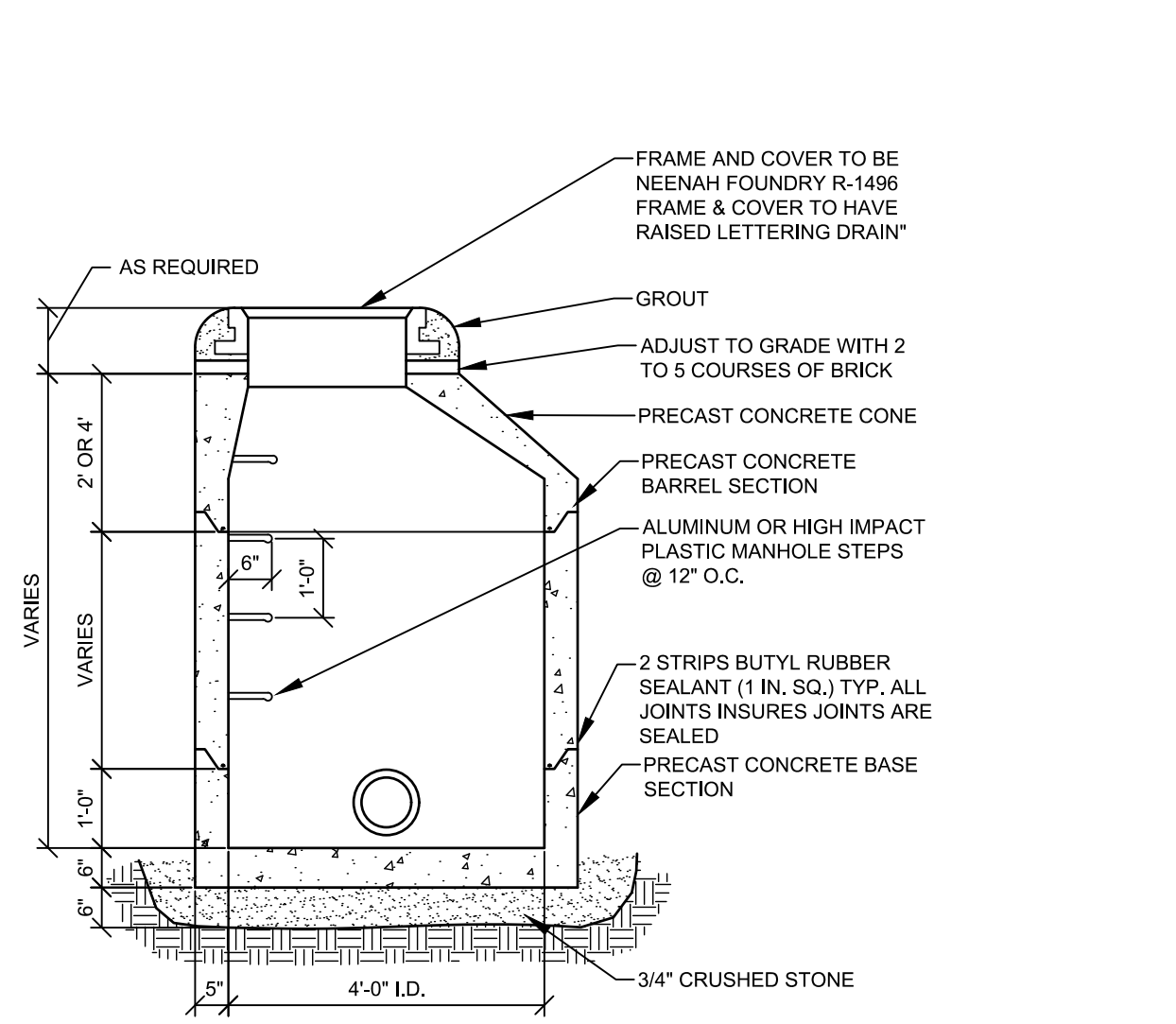
CATCH BASIN
NOT TO SCALE



GRATE OPTIONS	LOAD RATING	PART #	DRAWING #
PRECAST STANDARD	LIGHT DUTY	1099228	7001-110-188
SOLID COVER	LIGHT DUTY	1099229	7001-110-189
BRONZE	LIGHT DUTY	1099230	7001-110-200
DOME	HA	1099231	7001-110-201
DROP IN GRATE	LIGHT DUTY	10001	7001-110-020

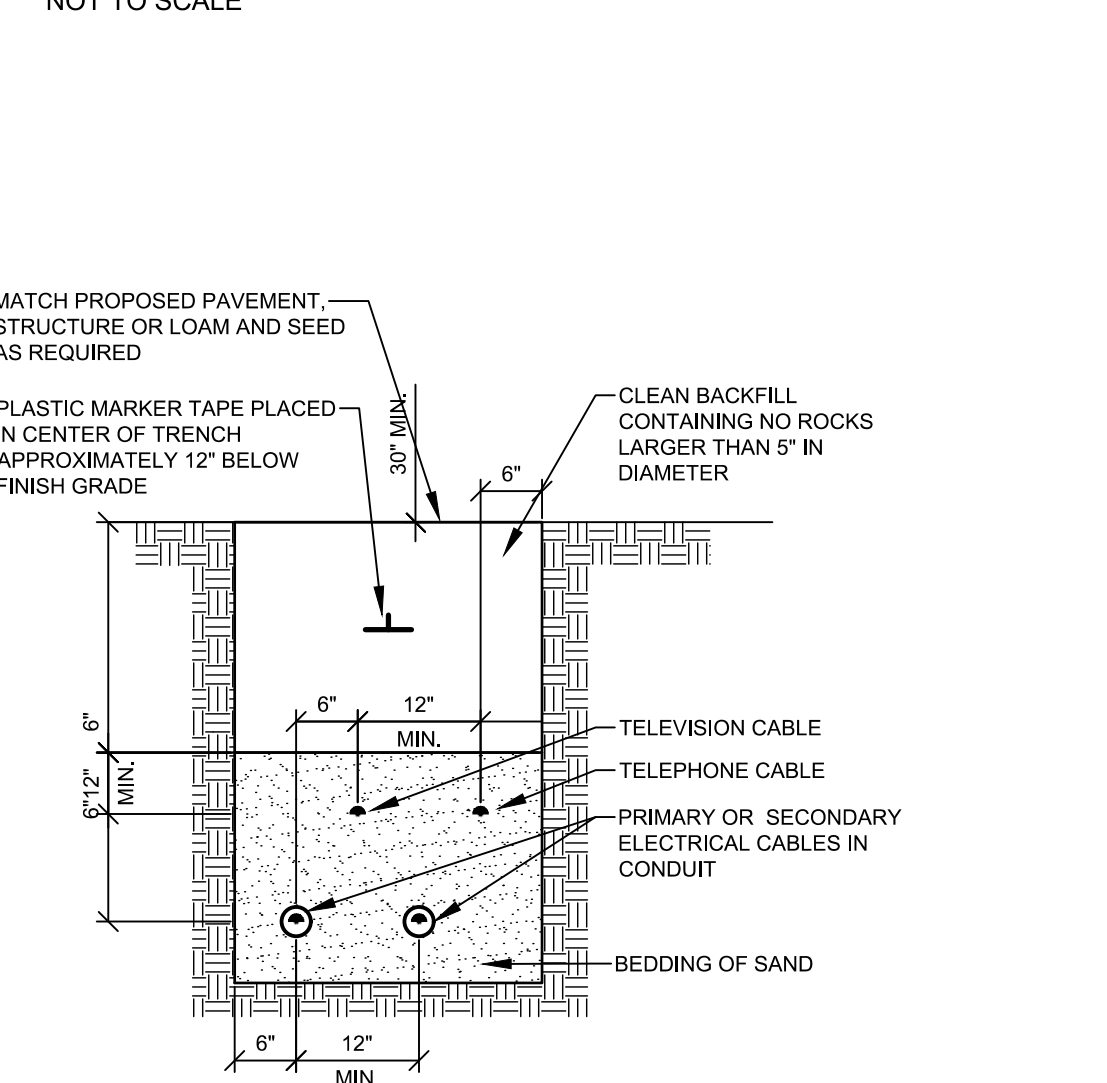
- NOTES:**
- GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A536 GRADE 70-50-05, WITH THE EXCEPTION OF THE BRONZE GRATE.
 - CUSTOM DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS. RISERS ARE NEEDED FOR BASINS OVER 84" DUE TO SHIPPING RESTRICTIONS.
 - ANDRAD DRAIN BASIN HAS FIXED ADAPTER LOCATIONS OF 0° & 180°.
 - CUSTOM DRAIN BASIN ADAPTERS CAN BE MOUNTED ON ANY ANGLE 0° TO 360°.
 - DRAINAGE CONNECTION STUB JOINT TIGHTNESS SHALL CONFORM TO ASTM D3212 FOR CORRUGATED HDPE (ADS N-12/HANCOR DUAL WALL) & PVC SEWER (4" - 24").

NYLOPLAST 10" DRAIN BASIN
NOT TO SCALE



- NOTES:**
- DRAINAGE STRUCTURES TO BE DESIGNED FOR H-20 LOADING.
 - PIPE SIZES AND INVERTS AS NOTED ON PLANS.
 - PIPE CONNECTIONS SHALL BE WATERTIGHT FLEXIBLE BOOT CONNECTORS.

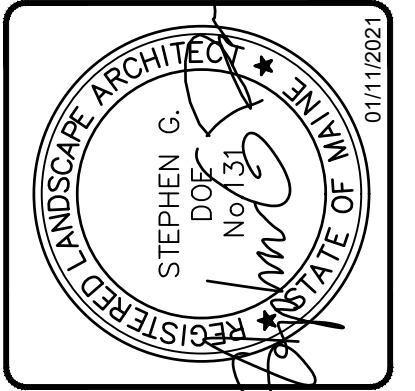
PRECAST MANHOLE
NOT TO SCALE



- NOTES:**
- CABLES TO BE ENCASED IN SCHEDULE 40 PVC CONDUIT.

UNDERGROUND CABLE INSTALLATION
NOT TO SCALE

PAUL D. OSTROWSKI P.E. 11175



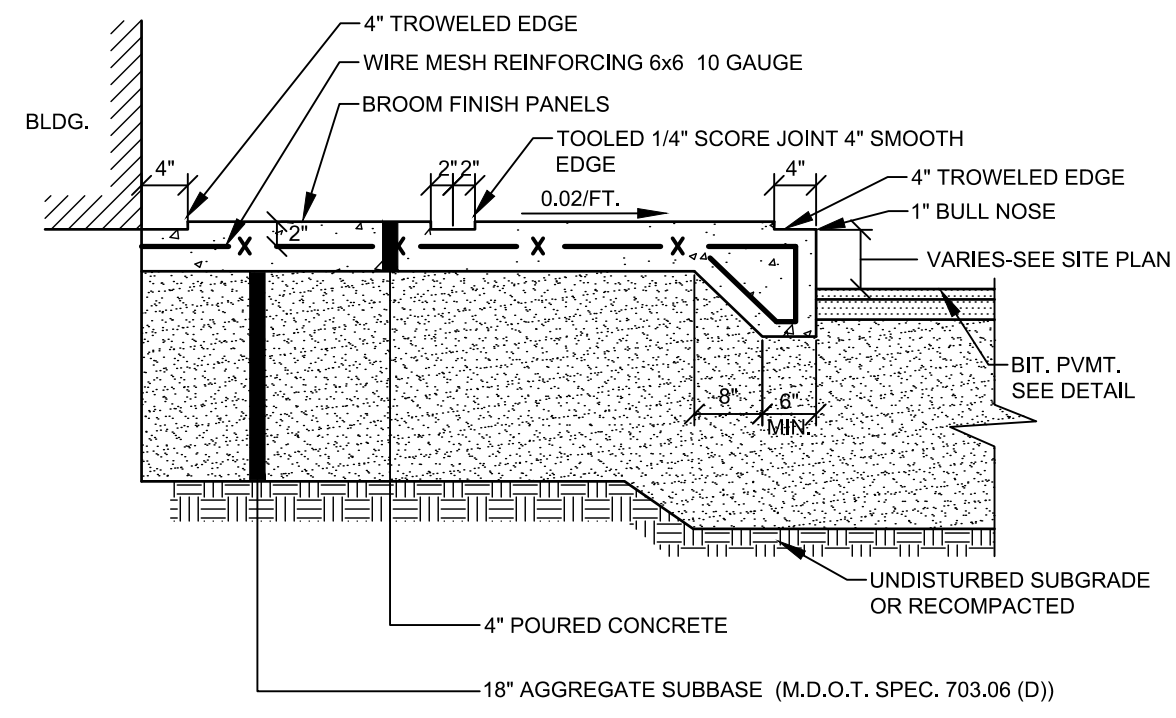
ADDENDUM #1	ADDENDUM #2	ADDENDUM #3	ADDENDUM #4
SGD 01/11/2021	SGD 11/05/2020	SGD 10/20/2020	SGD 09/10/2020
ISSUED FOR BIDS	ISSUED FOR BIDS	ISSUED FOR BIDS	ISSUED FOR BIDS
ISSUED FOR FINAL SITE PLAN APPROVAL	ISSUED FOR DD	ISSUED FOR DD	ISSUED FOR DD
REVISED PER STAFF AND CLIENT COMMENTS	REVISED PER STAFF AND CLIENT COMMENTS	REVISED PER STAFF AND CLIENT COMMENTS	REVISED PER STAFF AND CLIENT COMMENTS
REV. BY:	DATE:	STATUS:	DATE:

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SEBAGO TECHNICS
75 John Roberts Rd.
South Portland, ME 04106
Tel. 207-200-2100

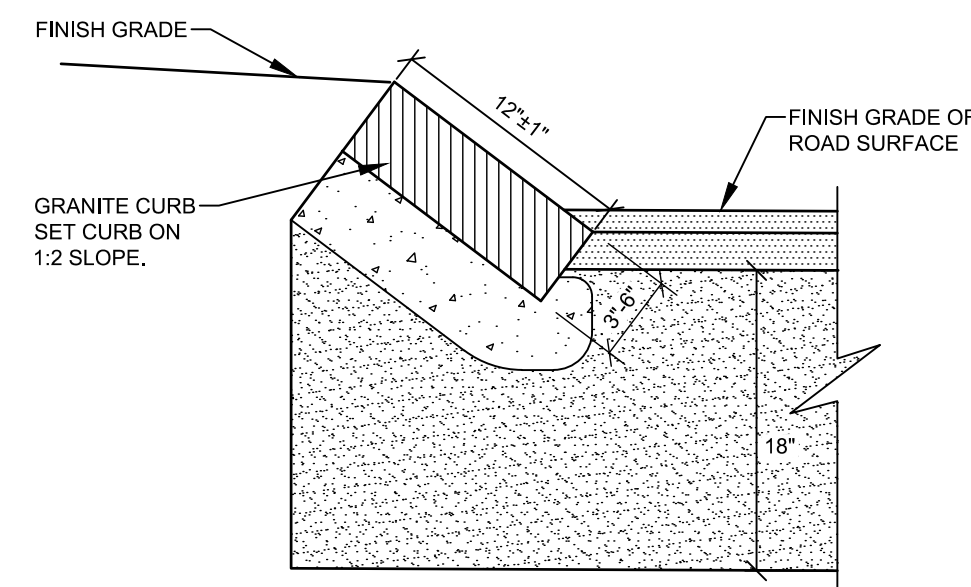
SCOTT SIMONS ARCHITECTS
8 WENTWORTH STREET
KITTERY, MAINE 03904
FOR: LASSER ARCHITECTS
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

DESIGNED	SGD
DRAWN	SRC
CHECKED	SGD
DATE	10/20/2020
SCALE	1" = 20'
PROJECT	18438



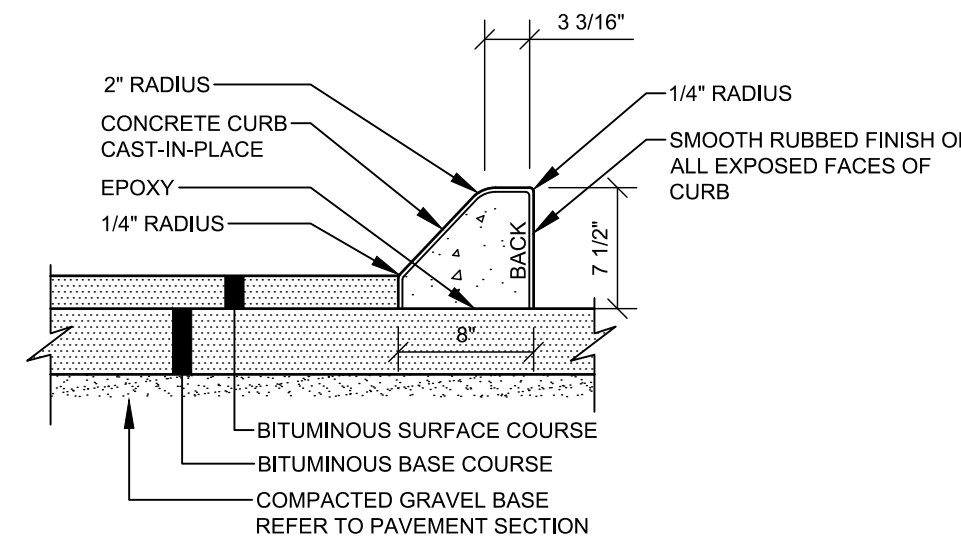
NOTE:
INSTALL 5'-0" SQUARE AREA BY 4" DEEP OF FROST-FREE MATERIAL
BELOW ALL HANDICAP RAMPS AND ENTRY POINTS AT BUILDING.

CONCRETE SIDEWALK
NOT TO SCALE



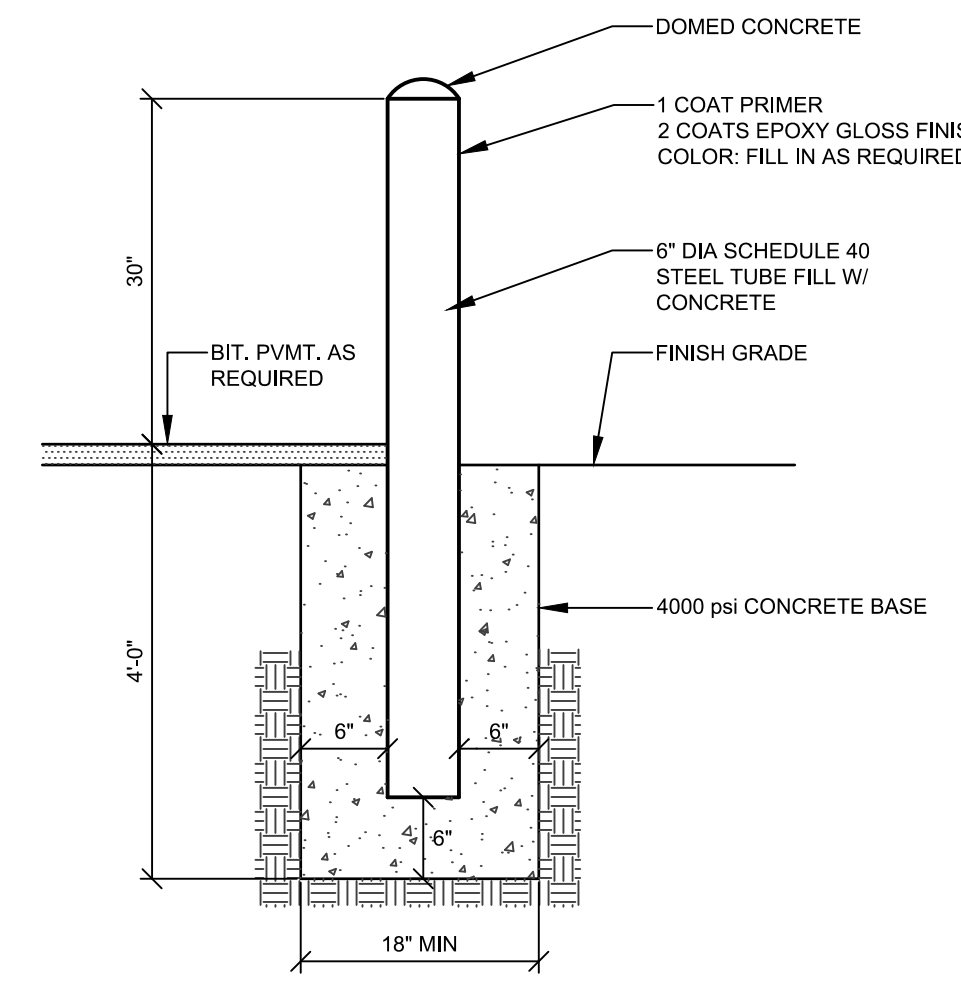
NOTE: REUSE EXISTING GRANITE CURB WHEN POSSIBLE

SLOPED GRANITE CURB (ALT #1)
NOT TO SCALE

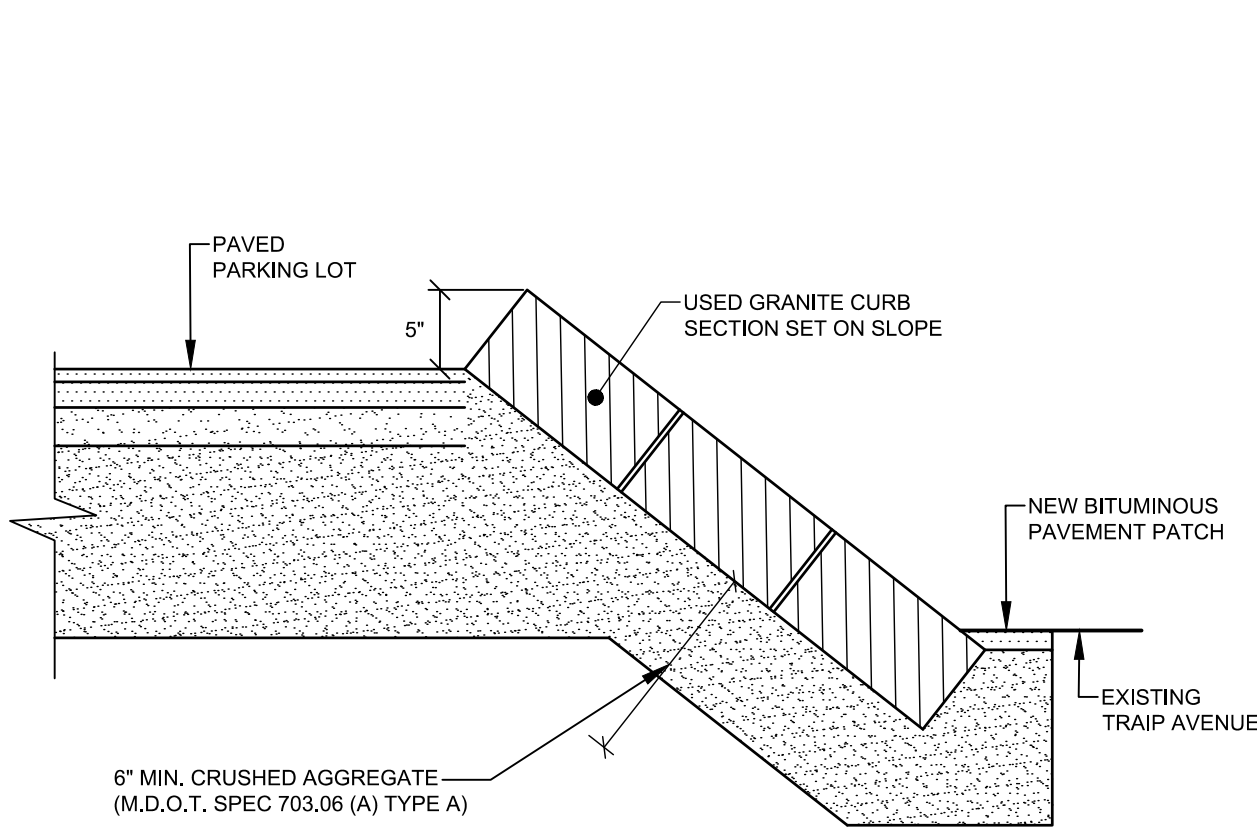


NOTES:
CONCRETE SHALL BE FIBER REINFORCED, 4000 PSI STRENGTH WITH 5% TO 7% AIR
ENTRAINMENT 1" TO 2" SLUMP.

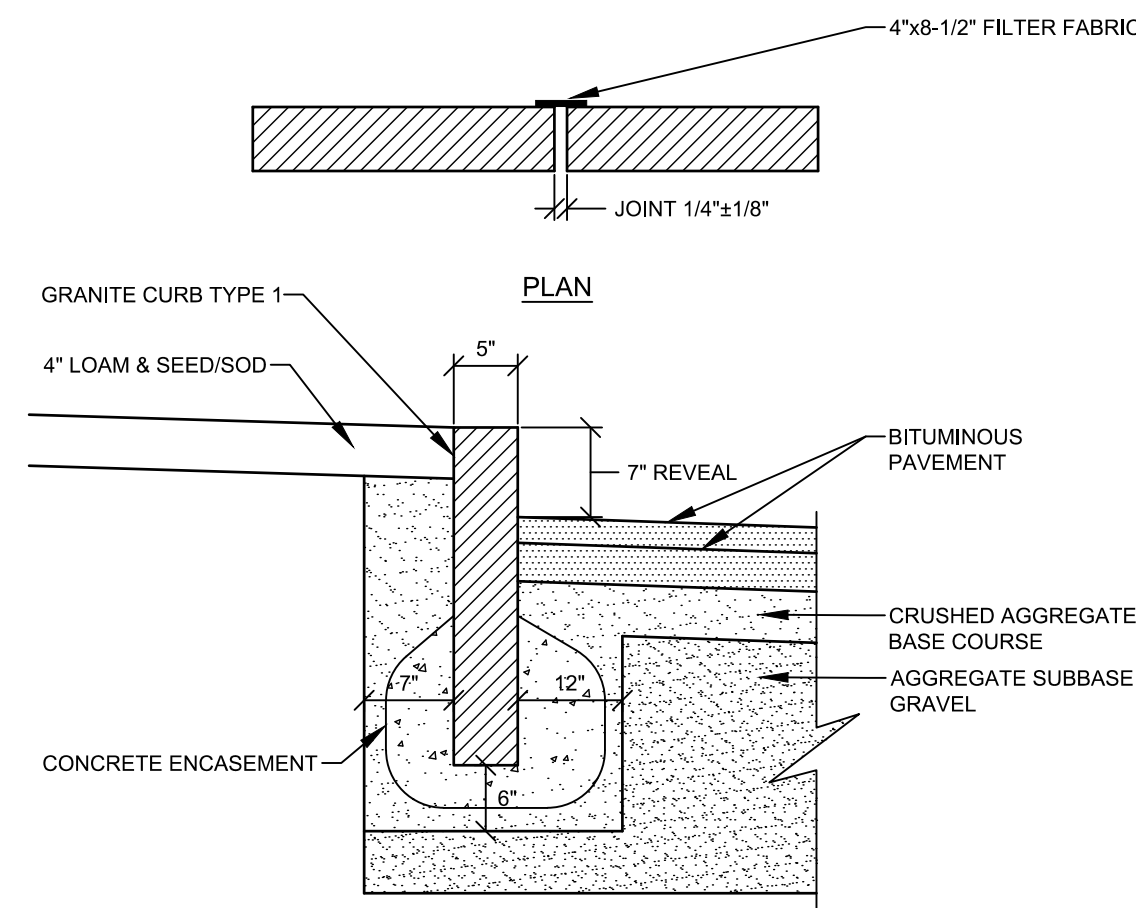
SLIPFORM CONCRETE CURB
NOT TO SCALE



METAL DOMED CONCRETE BOLLARD
NOT TO SCALE

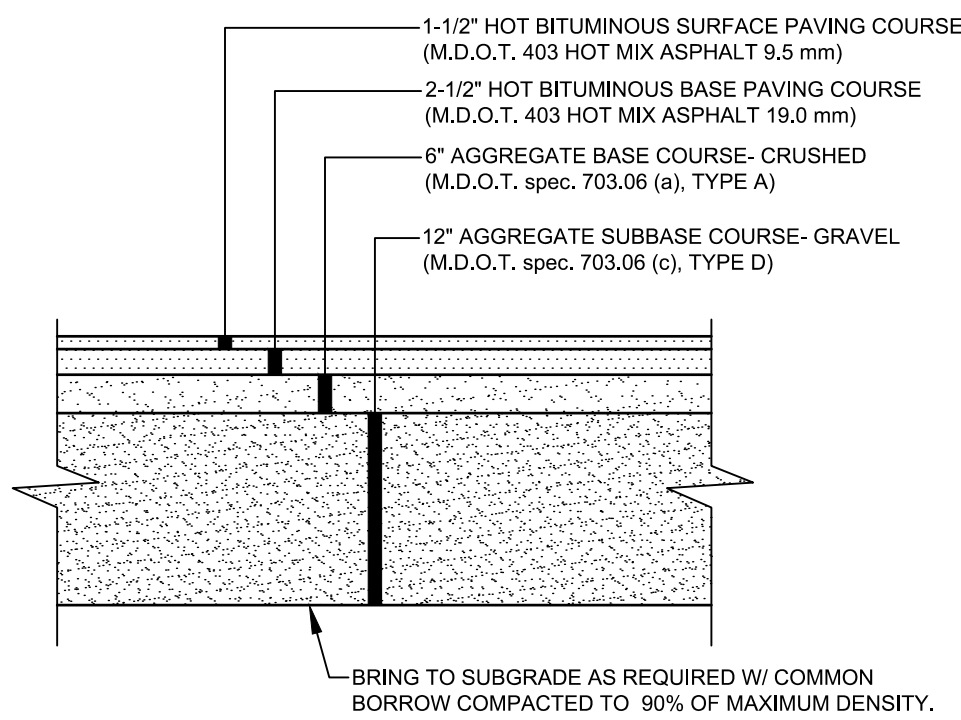


GRANITE CURB SLOPE
NOT TO SCALE



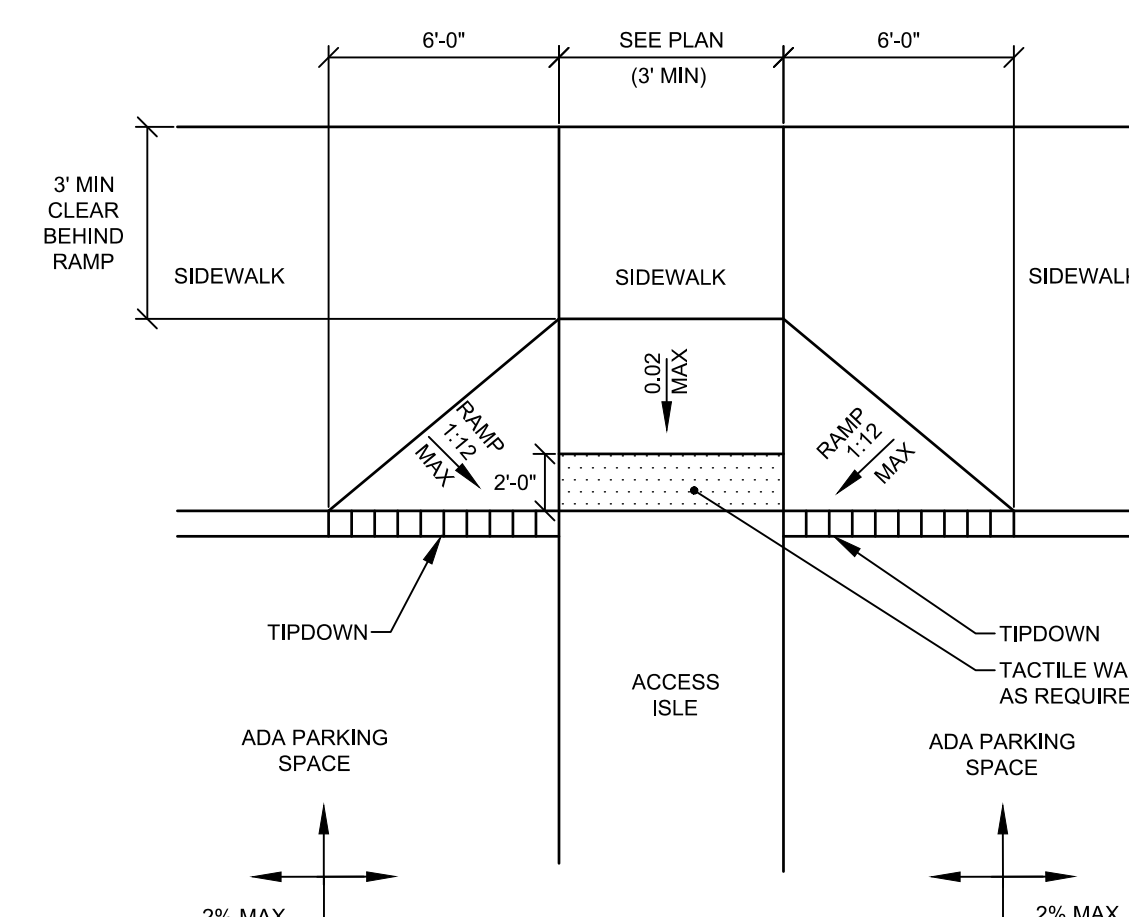
NOTES:
1. EXCAVATION INCIDENTAL TO COST OF CURB
2. SUBBASE SHALL BE COMPACTED TO A FIRM EVEN
SURFACE PRIOR TO SETTING OF CURB

VERTICAL GRANITE CURB IN TOWN R.O.W. (ALT #2)
NOT TO SCALE

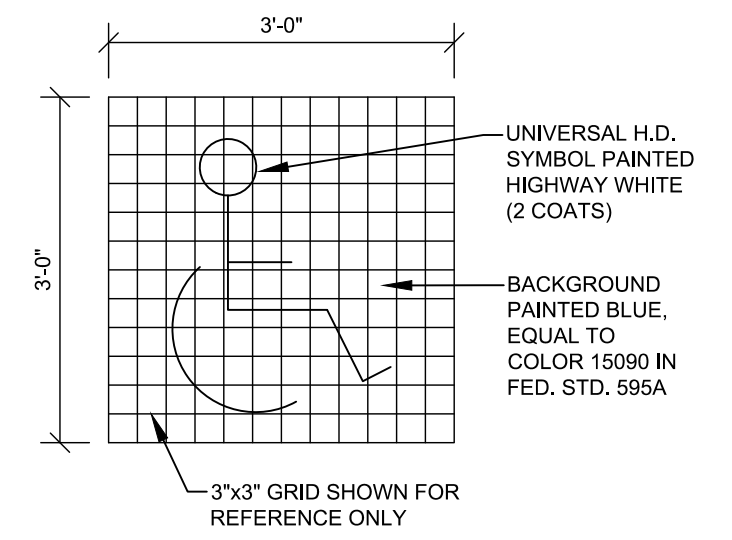


NOTES:
1. COMPACT GRAVEL SUBBASE, BASE COURSE TO 92% OF MAXIMUM DENSITY USING
HEAVY ROLLER COMPACTUAL.
2. CONTRACTOR SHALL SET GRADE STAKES MARKING SUBBASE AND FINISH GRADE
ELEVATIONS FOR CONSTRUCTION REFERENCE.
3. CONTRACTOR MAY REPLACE BITUMINOUS PAVING SECTION WITH TWO (2) 1-3/4" LIFTS OF
12.5mm SUPERPAVE MIX. SUBMIT PAVEMENT MIX DESIGN PRIOR TO CONSTRUCTION.

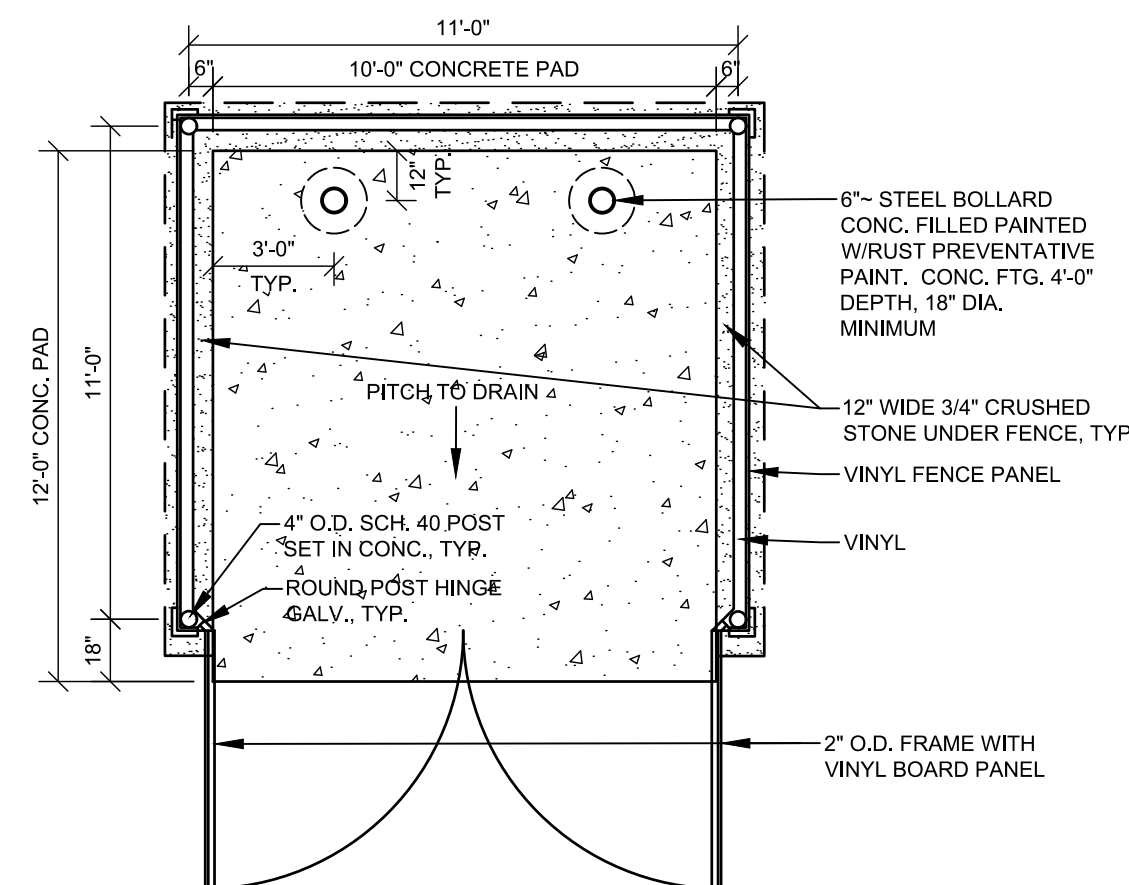
PAVED PARKING LOT SECTION
NOT TO SCALE



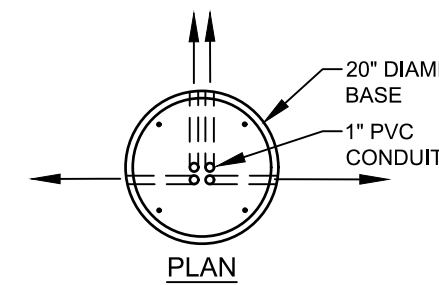
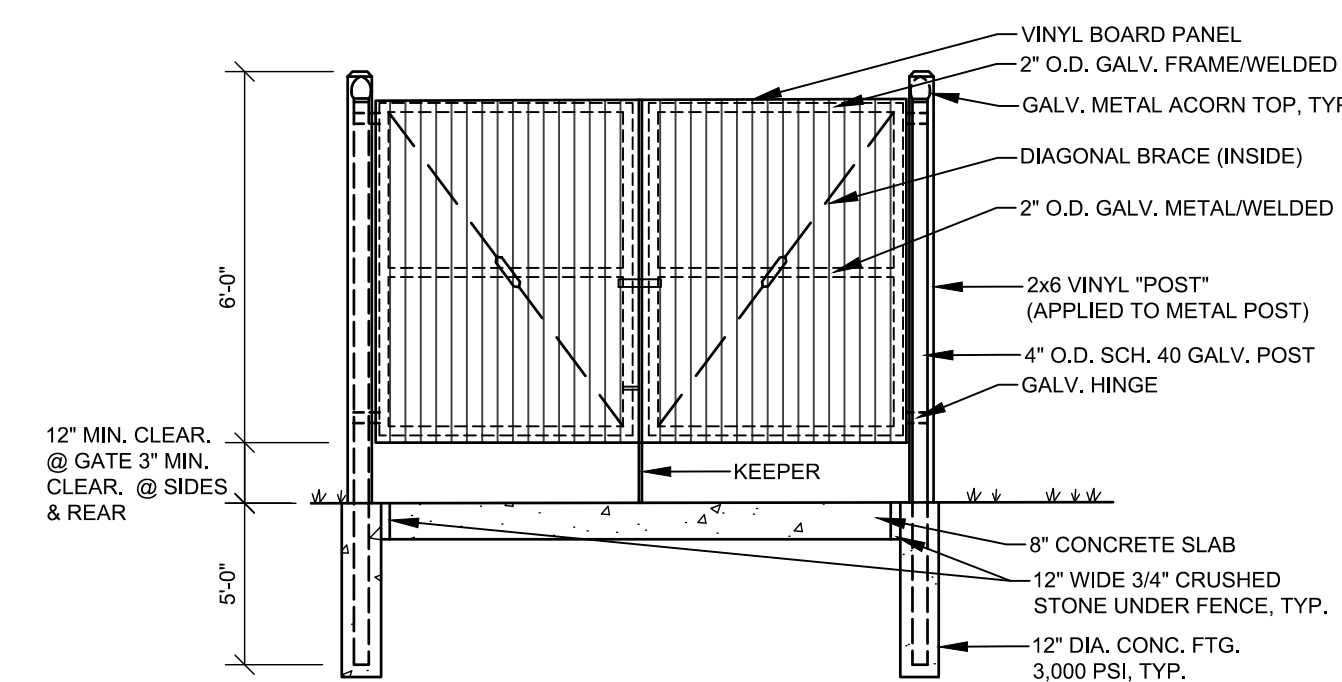
STRAIGHT ADA RAMP
NOT TO SCALE



ADA ACCESSIBLE SIGNS
NOT TO SCALE

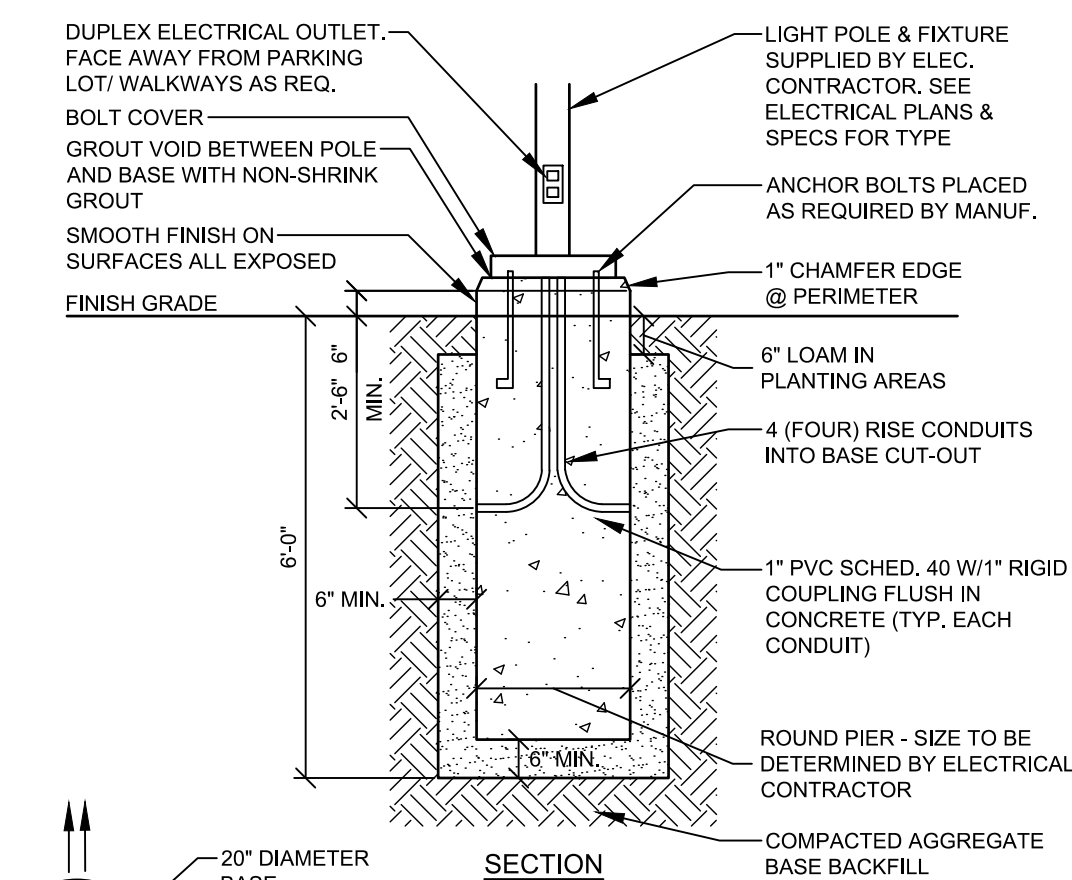


DUMPSTER ENCLOSURE
NOT TO SCALE



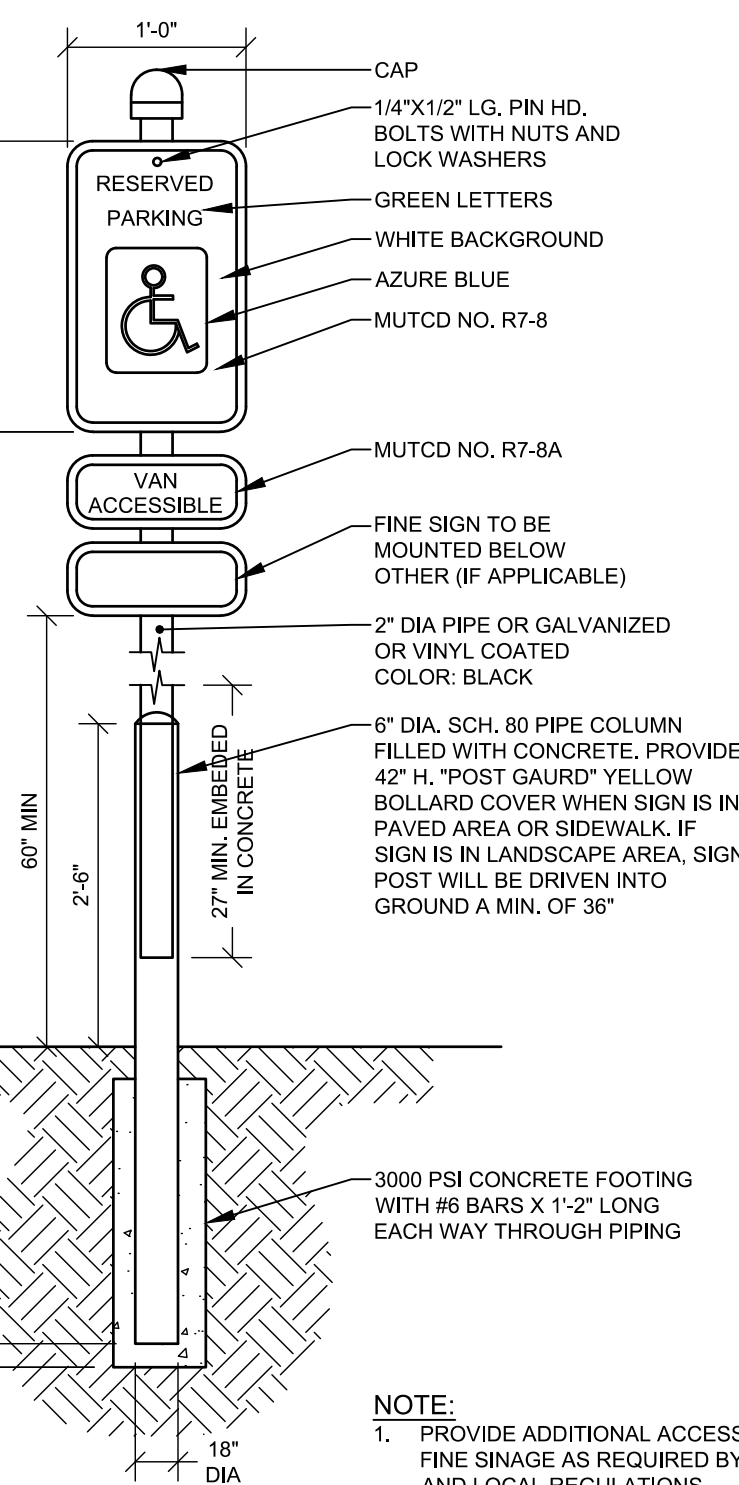
NOTES:
1. CONCRETE $f_c=5000$ psi. @ 28 DAYS WITH STEEL REINFORCEMENT
2. CONDUIT AND ANCHOR BOLTS PLACED AS REQUIRED PROVIDED BY ELECTRICAL CONTRACTOR
3. PROVIDE 2 COATS BITUMINOUS DAMPROOFING FOR ALL CONCRETE BELOW GRADE.
4. INSTALL BASE 3'-0" ABOVE FINISH GRADE IN LOCATIONS WHERE POLES ARE IN PARKING LOT PAVEMENT.
5. LIGHT POLE BASE AS MANUFACTURED BY SUPERIOR CONCRETE OR APPROVED EQUAL

20" ROUND LIGHT POLE BASE
NOT TO SCALE



NOTE:
1. PROVIDE ADDITIONAL ACCESSIBLE
FINE SIGNAGE AS REQUIRED BY STATE
AND LOCAL REGULATIONS.
2. PROVIDE ONE "VAN ACCESSIBLE"
SIGN PER 25 ADA SPACES REQUIRED.

RESERVED PARKING SIGN (POLE MOUNTED)
NOT TO SCALE

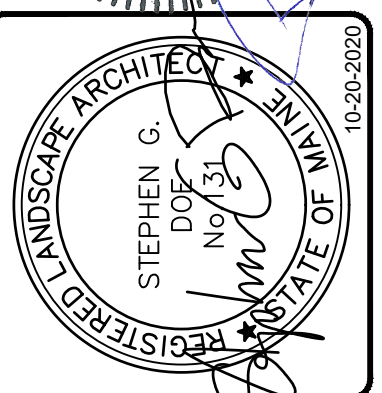


R7-8 STANDARD PARKING SIGN



R7-8A STANDARD VAN ACCESS SIGN

A LOCAL MUNICIPALITY MAY HAVE
MORE STRINGENT REGULATIONS
BUT THEY CANNOT BE LESS
STRINGENT THAN ADA
STANDARDS OR STATE LAW.



REV.	BY	DATE	STATUS
G	SGD	10/20/2020	ISSUED FOR FINAL SITE PLAN APPROVAL
F	SGD	09/10/2020	ISSUED FOR FINAL SITE PLAN APPROVAL
E	SGD	08/14/2020	ISSUED FOR DD
D	SGD	07/23/2020	REVISED FOR VALUE ENGINEER
C	SGD	03/12/2020	ISSUED FOR SITE PLAN REVIEW
B	SGD	02/06/2020	ISSUED FOR SITE PLAN REVIEW
A	SGD	08/27/2019	ISSUED FOR CLIENT USE

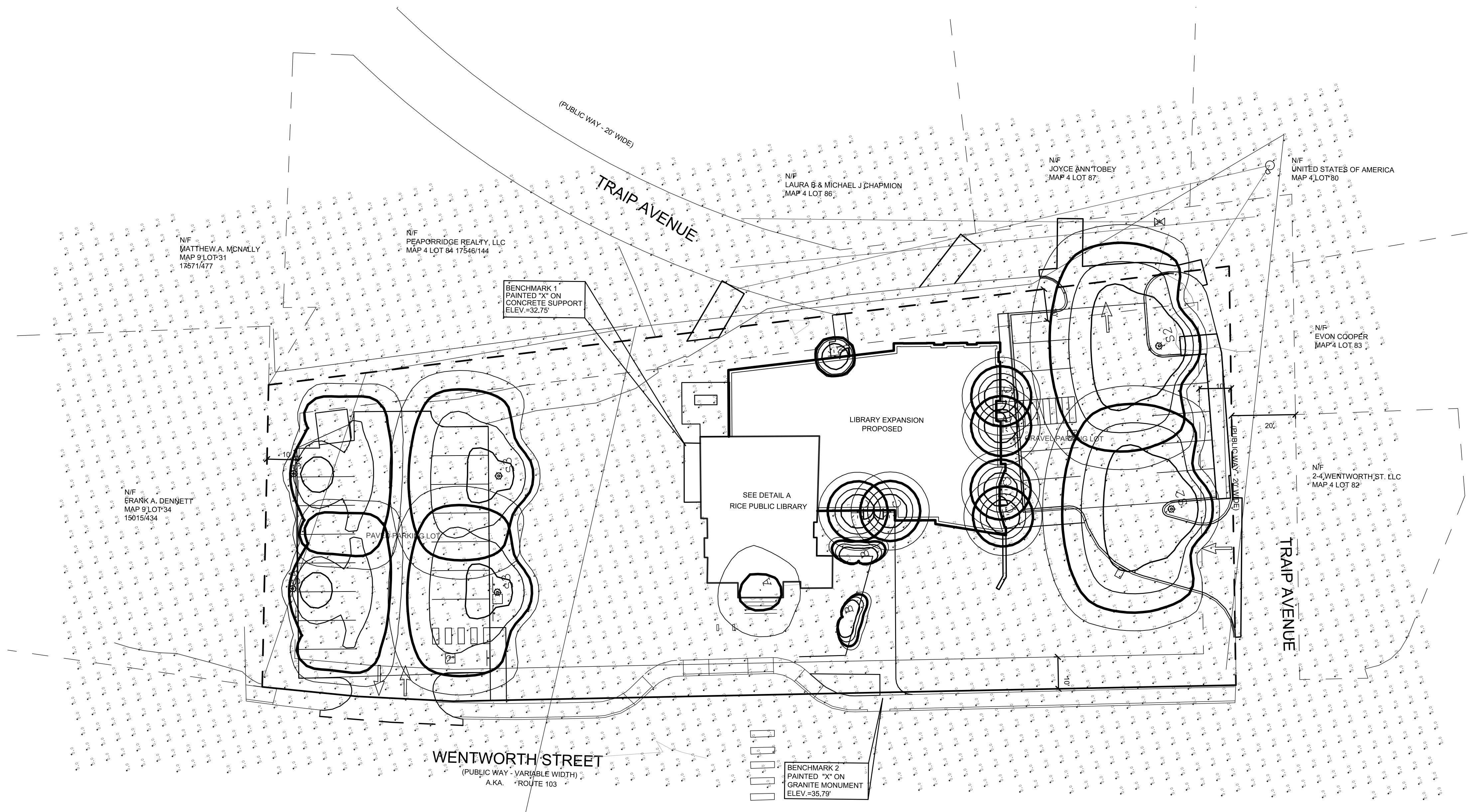
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SCOTT SIMONS ARCHITECTS
75 YORK STREET
PORTLAND, MAINE 04101

LASSEL ARCHITECTS
P.O. BOX 370, 370 MAIN STREET
SOUTH BERWICK, MAINE 03908

DESIGNED	SGD
DRAWN	SRC
CHECKED	SGD
DATE	10/20/2020
SCALE	1" = 20'
PROJECT	18438



StatArea_1
 NORTHERN REMOTE PARKING LOT
 Illuminance (Fc)
 Average = 1.35
 Maximum = 2.9
 Minimum = 0.4
 Avg/Min Ratio = 3.38
 Max/Min Ratio = 7.25

StatArea_2
 SOUTH PARKING LOT
 Illuminance (Fc)
 Average = 1.77
 Maximum = 4.7
 Minimum = 0.2
 Avg/Min Ratio = 8.85
 Max/Min Ratio = 23.50

Symbol	Qty	Label	Arrangement	Description	[MANUFAC]
□	1	A	SINGLE	PENDENT LIGHT WITH LED BULB	Verbatim Americas
○	2	B	SINGLE	FLINDT 31.5 15W LED/4000K 120-277 NPA POST W/ANCHORAGE UNIT DIM 0-10V	Louis Poulsen Lighting
○	6	C	SINGLE	55943	BEGA Converted by LUMCat V 19.09.2014 / H.R.
○	2	S2	SINGLE	ICS-E02-LED-E1-T4-XX/RSS4A12S-1NX (12' POLE)	EATON - INVUE (FORMER COOPER LIGHTING)
○	2	S3	SINGLE	ICS-E01-LED-E1-T4-XX/ RSS4A12S-N1X (12' POLE)	EATON - INVUE (FORMER COOPER LIGHTING)
○	2	S4	SINGLE	ICS-E01-LED-E1-SL4-HSS-XX/RSS4A12S-N1X (12' POLE)	EATON - INVUE (FORMER COOPER LIGHTING)
□	1	W	SINGLE	33580	BEGA Converted by LUMCat V 22.04.2016 / H.R.

REV	BY	DATE	STATUS
G	SGD	10/20/2020	ISSUED FOR BIDS
F	SGD	09/10/2020	ISSUED FOR FINAL SITE PLAN APPROVAL
E	SGD	08/14/2020	ISSUED FOR DD
D	SGD	07/23/2020	REVISED FOR VALUE ENGINEER
C	SGD	03/12/2020	REVISED PER STAFF AND CLIENT COMMENTS
B	SGD	02/06/2020	ISSUED FOR SITE PLAN REVIEW
A	SGD	08/27/2019	ISSUED FOR CLIENT USE

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGOTECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGOTECHNICS, INC.

SEBAGO
 TECHNICS
 WWW.SEAGOTECHNICS.COM
 75 John Roberts Rd.
 Suite 4A
 South Portland, ME 04106
 Tel: 207-260-2100

PHOTOMETRIC PLAN - BY OTHERS
 OF
RICE PUBLIC LIBRARY
 8 WENTWORTH STREET
 KITTERY, MAINE 03904
 FOR:
LASSEL ARCHITECTS
 P.O. BOX 370, 370 MAIN STREET
 SOUTH BERWICK, MAINE 03908

SCOTT SIMONS ARCHITECTS
 75 YORK STREET
 PORTLAND, MAINE 04101

DESIGNED	BY OTHERS
DRAWN	BY OTHERS
CHECKED	BY OTHERS
DATE	10/20/2020
SCALE	1" = 20'
PROJECT	18438

NOTE: LIGHTING PLAN DONE BY CHARRON INC.

