

ATTACHMENT F

PLAN

\\G:\STORAGE-SRV\JOB_NUMBERS\Context Architecture\4319_Context Architecture\Bath Fire Headquarters\Z - CAD\UWG\4319-COVER.dwg 4/7/2025 10:07 AM

PROJECT PARCEL SITE CITY OF BATH ASSESSOR'S MAP & LOT NUMBERS	
MAP	LOT
26	1

Applicant:
CITY OF BATH 55 FRONT STREET BATH, ME 04530

Current Owner of Record:
CITY OF BATH 55 FRONT STREET BATH, ME 04530

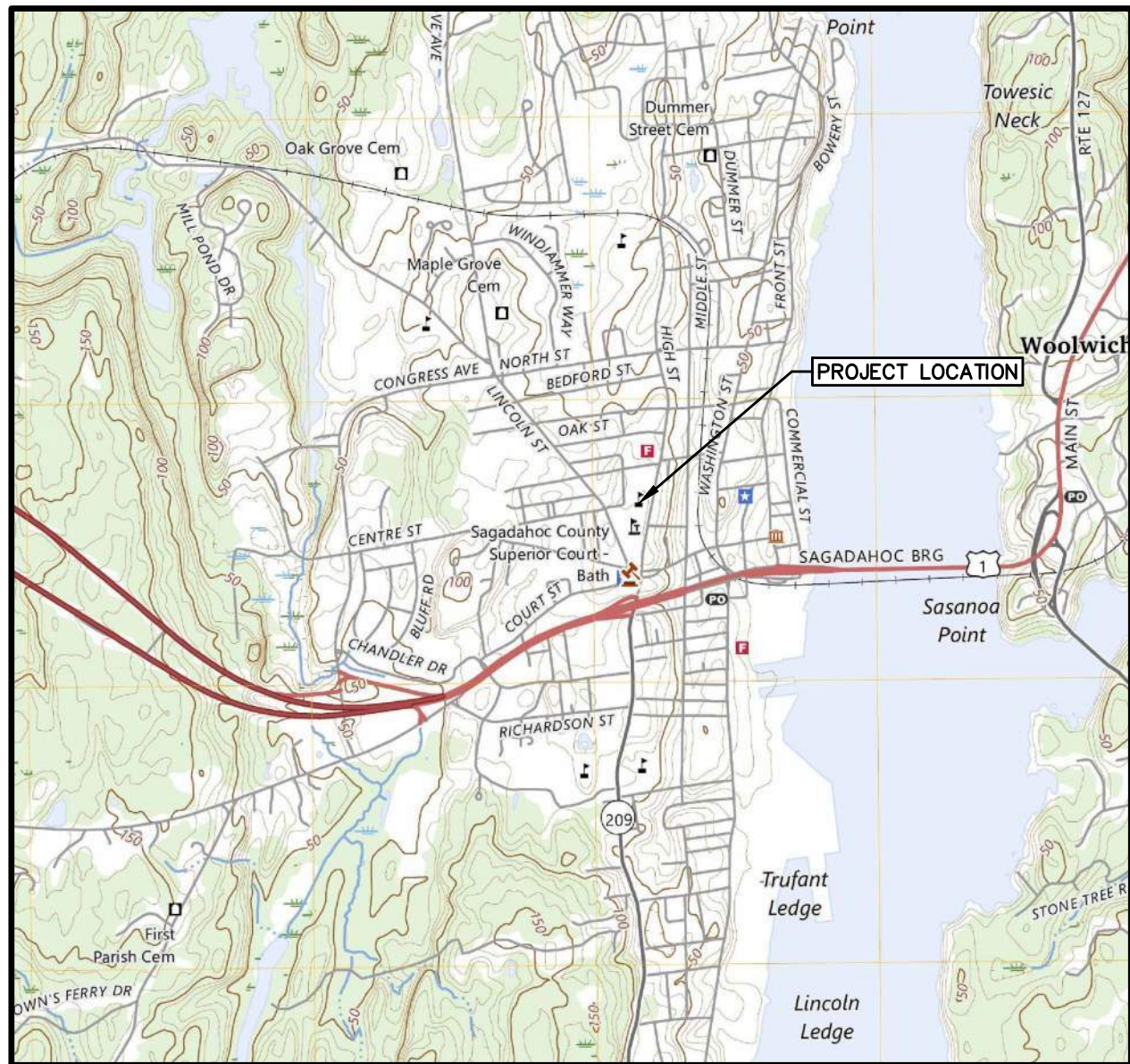
BATH FIRE HEADQUARTERS

826 HIGH STREET, BATH, MAINE

PREPARED BY:



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207.772.2515



LOCATION MAP
N.T.S.

LEGEND

EXISTING	DESCRIPTION	PROPOSED
	BUILDING	
	RIGHT OF WAY	
	PROPERTY LINE	
	EASEMENT LINE	
	BUILDING SETBACK	
	ZONE LINE	
	WETLAND BOUNDARY	
	GUARD RAIL	
	EDGE OF PAVEMENT	
	EDGE OF GRAVEL DRIVE	
	EDGE OF CURB	
	GRADING CONTOUR LINE	
	SPOT ELEVATION	
	TREELINE	
	TREES & HEDGES	
	POLE WITH LIGHT FIXTURE(S)	
	UTILITY POLE	
	FREESTANDING SIGN	
	PAINTED DIRECTIONAL TRAFFIC ARROW	
	OVERHEAD ELECTRIC/TELEPHONE	
	UNDERGROUND ELECTRIC/TELEPHONE	
	WATER LINE	
	STORM DRAIN LINE	
	CULVERT	
	HYDRANT	
	WATER GATE VALVE	
	WATER SHUT OFF VALVE	
	MANHOLE	
	CATCH BASIN	
	TEST PIT	
	BORING	
	IRON ROD (SET)	
	IRON ROD (FOUND)	
	MONUMENT	
	RIPRAP	
	SILT FENCE - PERIMETER	
	STONE SEDIMENT BARRIER	
	FENCE	
	WELL	

GENERAL NOTES

GENERAL NOTES

- TOPOGRAPHIC DATA AND EXISTING CONDITIONS WAS PREPARED BY SEBAGO TECHNICS OF SOUTH PORTLAND, MAINE ON 07/26/2024.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR THE ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- MAINTENANCE OF EROSION CONTROL MEASURES IS OF PARAMOUNT IMPORTANCE TO THE OWNER AND THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH ALL EROSION CONTROL MEASURES SHOWN ON THE PLANS. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTIONS OF THE OWNER, THE CITY OF BATH OR THEIR REPRESENTATIVES AT NO ADDITIONAL COST TO THE OWNER.
- ALL MATERIAL SCHEDULES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIAL SCHEDULES BASED UPON HIS PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO MAINE DOT SPECIFICATIONS, AND/OR CITY OF BATH SPECIFICATIONS.

PERMITTING NOTES

- THIS PROJECT IS SUBJECT TO THE TERMS AND CONDITIONS OF A SITE PLAN APPROVAL FROM THE CITY OF BATH. THE CONSTRUCTION WILL BE GOVERNED BY THE CITY OF BATH ZONING ORDINANCE WHICH IS AVAILABLE FOR VIEWING AT THE OFFICE OF THE ENGINEER OR THE MUNICIPAL OFFICE.
- THIS PROJECT IS SUBJECT TO THE TERMS AND CONDITIONS OF A STORMWATER PERMIT FROM MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION.
- THE CONTRACTOR SHALL REVIEW THE ABOVE REFERENCED PERMITS PRIOR TO SUBMITTING A BID FOR THIS PROJECT, AND INCLUDE COSTS AS NECESSARY TO COMPLY WITH THE CONDITIONS OF THESE PERMITS.

LAYOUT NOTES

- ALL DIMENSIONING, UNLESS NOTED OTHERWISE, IS TO THE FACE OF CURB.
- PIPE LENGTH EQUALS THE CENTER TO CENTER DISTANCES BETWEEN CATCH BASINS AND/OR MANHOLES MINUS ONE-HALF OF THE DIAMETER OF EACH CATCH BASIN OR MANHOLE.
- PROPERTY LINE AND R.O.W. MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE, BY A MAINE LICENSED LAND SURVEYOR.
- CURB RADII UNLESS OTHERWISE NOTED ON THE PLAN SHALL BE A MINIMUM OF 3'.

UTILITY NOTES

- ALL WATER UTILITY MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO BATH WATER DISTRICT STANDARDS. ALL WATER DISTRIBUTION PIPING SHALL BE CLASS 52 DUCTILE IRON PIPE, DOUBLE CEMENT LINED AND BITUMINOUS COATED CONFORMING TO AWWA/ANSI C104/A21.4. DISINFECTION OF WATER LINES SHALL CONFORM TO AWWA STANDARD C651, LATEST REVISION.
- THE LOCATION OF THE PROPOSED UNDERGROUND ELECTRICAL SERVICE IS APPROXIMATE AND THE CONTRACTOR SHALL COORDINATE THE EXACT LOCATION WITH CENTRAL MAINE POWER COMPANY.
- THRUST BLOCKS OR LOCKING RETAINER GLANDS SHALL BE PLACED ON THE WATER DISTRIBUTION LINES AT ALL BENDS, TEES, VALVES, CHANGES IN DIRECTION, ETC. THE THRUST BLOCKS OR LOCKING RETAINER GLANDS SHALL MEET THE REQUIREMENTS OF THE BATH WATER DISTRICT STANDARDS.
- TEST PITS AT ALL UTILITY CROSSINGS SHALL BE COMPLETED TWO WEEKS IN ADVANCE OF THE START OF CONSTRUCTION OR ORDERING OF MATERIALS. TEST PIT INFORMATION SHALL BE PROMPTLY PROVIDED TO ENGINEER FOR REVIEW.
- ALL GAS UTILITY MATERIALS AND INSTALLATION METHODS SHALL CONFORM TO MAINE NATURAL GAS STANDARDS.

GRADING AND DRAINAGE NOTES

- UNLESS OTHERWISE NOTED, ALL STORM DRAIN PIPE SHALL BE IN ACCORDANCE WITH MAINE DOT SPECIFICATIONS SECTION 603-- PIPE CULVERTS AND STORM DRAINS, LATEST REVISION WITH THE EXCEPTION THAT THE ONLY ACCEPTABLE TYPES OF PIPE ARE AS FOLLOWS, UNLESS OTHERWISE NOTED ON THE PLANS:

REINFORCED CONCRETE PIPE, CLASS III
POLYVINYL-CHLORIDE (PVC) PIPE
SMOOTH BORE POLYETHYLENE - ADS OR HANCOR
- TOPSOIL STRIPPED IN AREAS OF CONSTRUCTION THAT IS SUITABLE FOR REUSE AS LOAM SHALL BE STOCKPILED ON SITE AT A LOCATION TO BE DESIGNATED BY THE OWNER. UNSUITABLE SOIL SHALL BE SEPARATED, REMOVED AND DISPOSED OF AT AN APPROVED DISPOSAL LOCATION OFF SITE.
- THE CONTRACTOR SHALL ANTICIPATE THAT GROUNDWATER WILL BE ENCOUNTERED DURING CONSTRUCTION AND SHALL INCLUDE SUFFICIENT COSTS WITHIN THEIR BID TO PROVIDE DEWATERING AS NECESSARY. NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR DEWATERING.

EROSION CONTROL NOTES

- LAND DISTURBING ACTIVITIES SHALL BE ACCOMPLISHED IN A MANNER AND SEQUENCE THAT CAUSES THE LEAST PRACTICAL DISTURBANCE OF THE SITE.
- PRIOR TO BEGINNING ANY CLEARING/LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL THE PERIMETER SILT FENCES AND THE CONSTRUCTION ENTRANCE.
- ALL GROUND AREAS DISTURBED FOR CONSTRUCTION WILL BE GRADED, LOAMED AND SEEDED AS SOON AS POSSIBLE. PERMANENT SEED MIXTURE SHALL CONFORM TO THE SEEDING PLAN CONTAINED IN THE EROSION CONTROL NOTES INCLUDED ON SHEET C113.
- PRIOR TO PAVING, THE CONTRACTOR SHALL FLUSH SEDIMENT FROM ALL STORM DRAIN LINES, REMOVE ACCUMULATED SEDIMENT FROM SUMPS AND INVERTS AND PROPERLY DISPOSE OF.
- ALL CATCH BASINS WITH OUTLET PIPES 18" DIAMETER OR LESS SHALL BE PROVIDED WITH A "SNOUT" SEDIMENTATION HOOD PER DETAIL.
- SILT FENCES SHALL BE INSPECTED, REPAIRED AND CLEANED AS NOTED IN THE EROSION CONTROL NOTES.
- THE CONTRACTOR SHALL REPAIR AND ADD STONE TO THE CONSTRUCTION ENTRANCE AS IT BECOMES SATURATED WITH MUD TO ENSURE THAT IT WORKS AS PLANNED DURING CONSTRUCTION.
- SILT REMOVED FROM AROUND INLETS AND BEHIND THE SILT FENCES SHALL BE PLACED ON A TOPSOIL STOCKPILE AND MIXED INTO IT FOR LATER USE IN LANDSCAPING OPERATIONS.
- EROSION CONTROL NOTES ACCOMPANY THIS PLAN SET AND ARE CONTAINED ON DRAWING C113 OF THIS PLAN SET.
- THE MAINTENANCE SCHEDULE FOR THE CATCH BASIN SEDIMENT SUMPS IS CONTAINED IN THE EROSION CONTROL NOTES INCLUDED ON SHEET C113.
- THE CONTRACTOR IS CAUTIONED THAT FAILURE TO COMPLY WITH THE SEQUENCE OF CONSTRUCTION, EROSION/SEDIMENT CONTROL PLAN, AND OTHER PERMIT REQUIREMENTS BASED UPON ANY THIRD PARTY REVIEW (ie MAINE DEP) MAY RESULT IN MONETARY PENALTIES. THE CONTRACTOR SHALL BE ASSESSED ALL SUCH PENALTIES AT NO COST TO THE OWNER OR PERMITTEE.
- ALL NON-PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDED, UNLESS OTHERWISE SHOWN ON THE PLANS OR DIRECTED BY THE OWNER.
- ALL DISTURBED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL PRIOR TO PERMANENT SEEDING UNLESS OTHERWISE SHOWN ON THE PLANS.

UTILITIES

WATER:

BATH WATER DISTRICT
1 LAMBARD STREET
BATH, ME 04530
(207) 443-2391
CONTACT: NATHAN BODGE

SEWER:

BATH PUBLIC WORKS
450 OAK GROVE
BATH, ME 04530
(207) 443-8357
CONTACT: CHRIS WALLACE

ELECTRIC:

CENTRAL MAINE POWER
BRUNSWICK REGION
(207) 242-3515
CONTACT: GARY HAM

TELEPHONE:

CONSOLIDATED COMMUNICATIONS
5 DAVIS FARM ROAD
PORTLAND, MAINE 04103
CONTACT: PATRICK MORRISON

CABLE:

TIME WARNER CABLE/SPECTRUM
115 JOHNSON ROAD
PORTLAND, MAINE 04102
207.253.2324
CONTACT: MARK PELLETIER

GAS:

MAINE NATURAL GAS
9 INDUSTRIAL PARKWAY
BRUNSWICK, ME 04011
(207) 729-0420
CONTACT: JOSEPH GAUTHIER

INDEX

- C001 - Cover Sheet, General Notes, and Legend
C101 - Existing Conditions Plan (1 of 3)
C102 - Existing Conditions Plan (2 of 3)
C103 - Existing Conditions Plan (3 of 3)
C104 - Demolition Plan
C105 - Site Plan
C106 - Grading, Drainage, and Erosion Control Plan
C107 - Utility Plan
C108 - Stormwater Management Plan
C109 - Site Details
C110 - Utility Details
C111 - Drainage Details
C112 - Erosion Details
C113 - Erosion Control Notes

CALL BEFORE YOU DIG
1-888-344-7233

PERMITS

TYPE OF PERMIT

STORMWATER MANAGEMENT LAW

SITE PLAN APPLICATION

GOVERNING BODY

MAINE DEPARTMENT OF
ENVIRONMENTAL PROTECTION
512 CANCO ROAD
PORTLAND, ME 04103
(207) 822-6300
CONTACT: ALISON SIROIS

CITY OF BATH
PLANNING AND DEVELOPMENT
(CITY PLANNING OFFICE)
55 FRONT STREET
BATH, ME 04530
(207) 443-8363
CONTACT: JENNIFER CURTIS

STATUS

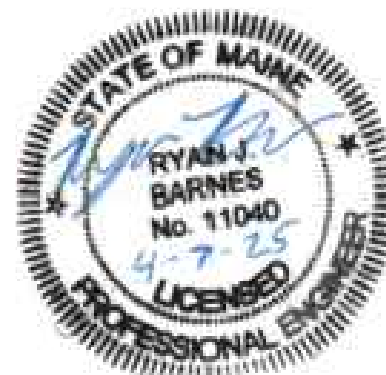
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APPROVED:

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Rev.	Date	Revision

Design: TAL	Draft: GJH	Date: APRIL 2025
Checked: RJB	Scale: NTS	Job No.: 4319
File Name: 4319-COVER.dwg		
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PERMITTING	4/4/25	RJB
Issued For	Date	By

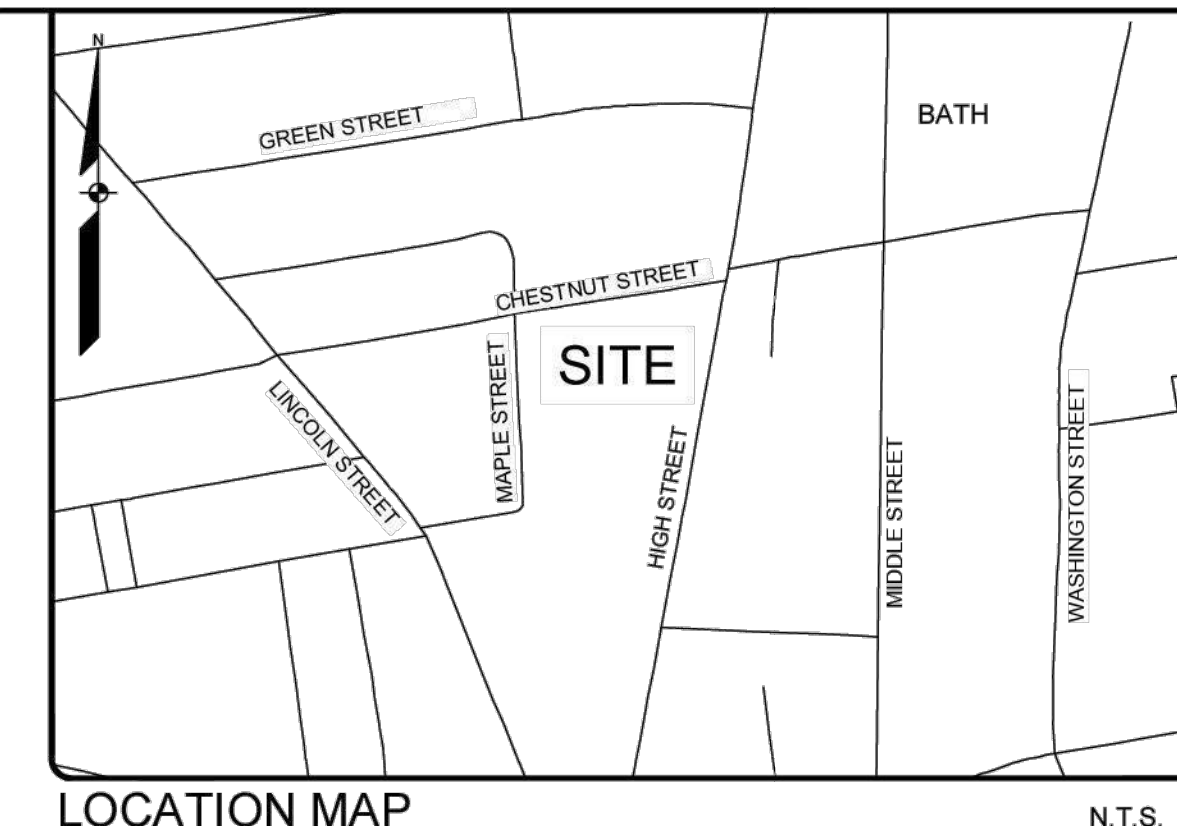


Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

Drawing Name:	Cover Sheet, General Notes, and Legend
Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

Drawing No.

C001



- GENERAL NOTES:
- THE RECORD OWNER OF THE PARCEL IS THE CITY OF BATH BY DEEDS RECORDED AT THE SAGadahoc COUNTY REGISTRY OF DEEDS (SCRD) IN BOOK 1351, PAGE 280, BOOK 1259, PAGE 109, BOOK 1255, PAGE 320, BOOK 1155, PAGE 75, BOOK 957, BOOK 359, PAGE 1035, BOOK 312, PAGE 338, AND BOOK 106, PAGE 223.
 - THE PROPERTY IS SHOWN AS LOTS 290 AND 291 ON THE CITY OF BATH TAX MAP 25, AND LOT 1 ON TAX MAP 26.
 - TOTAL AREA OF PARCEL IS APPROXIMATELY ____ ACRES.
 - BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS BASED UPON FIELD WORK PERFORMED BY SEBAGO TECHNICS IN SEPTEMBER OF 2021, AND JUNE OF 2024.
 - PLAN REFERENCES:
 - EXISTING CONDITIONS AND BOUNDARY SURVEY OF THE FORMER MORSE HIGH SCHOOL, MADE FOR THE CITY OF BATH, BY TITCOMB ASSOCIATES A DIVISION OF SEBAGO TECHNICS, DATED SEPTEMBER 22, 2021, UNRECORDED. ** FOR ADDITIONAL PLAN REFERENCES AND OTHER PERTINENT PLANS SEE PLAN REFERENCE (A) **
 - EASEMENT ENCUMBRANCES:
 - PARCEL BENEFITS FROM AND IS SUBJECT TO A 17' RIGHT-OF-WAY AS DESCRIBED IN DEEDS EXCHANGED BETWEEN LILLIAN PRENTISS AND MAUDE M. HARTLEB, RECORDED IN BOOK 385, PAGES 534 & 537.
 - PARCEL IS SUBJECT TO AN ACCESS EASEMENT "FOR THE PURPOSES OF REPAIRING AND MAINTAINING A STONE WALL WHICH MARKS A PORTION OF THE NORTHERLY PROPERTY LINE" AS DESCRIBED IN A DEEDS EXCHANGED BETWEEN LILLIAN PRENTISS AND MAUDE M. HARTLEB, RECORDED IN BOOK 385, PAGES 534 & 537.
 - PARCEL IS SUBJECT TO A SEWER EASEMENT EXTENDING FROM MAPLE STREET TO CHESTNUT STREET. THE EASEMENT IS DESCRIBED ON A PLAN OF "CITY OF BATH, PLAN SHOWING APPROXIMATE LOCATION OF SEWERS", DATED MAY 1928, BY S. LITCHFIELD C.E., RECORDED IN PLAN BOOK 3, PAGE 25. THE PLAN WAS UNRECOVERABLE AT THE REGISTRY, HOWEVER A PORTION OF THE EASEMENT IS DESCRIBED IN A DEED TO THE CITY OF BATH IN BOOK 169, PAGE 45.
 - BASIS OF BEARING IS GRID NORTH, MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE 1802-NAD83. GEOD18 IN US SURVEY FEET. ELEVATIONS DEPICTED HEREON ARE NAVD83, BASED ON DUAL FREQUENCY GPS OBSERVATIONS.
 - BENCHMARK:

BM-1	MAG NAIL IN UTILITY POLE #1.5	ELEVATION: 78.53' (NAVD83)
BM-2	MAG NAIL IN UTILITY POLE #2	ELEVATION: 71.69' (NAVD83)
BM-3	MAG NAIL IN UTILITY POLE #142.5	ELEVATION: 76.32' (NAVD83)
 - UTILITY INFORMATION DEPICTED HEREON, IS FROM PLAN REFERENCE (A) AND HAS NOT BEEN UPDATED OR VERIFIED SINCE DATE OF SURVEY. 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 WITHIN THE PROJECT AREA PRIOR TO CONSTRUCTION AND/OR EXCAVATION.
 - AREAS:

FORMER MORSE SCHOOL LOT: 195,313 SQ. FT. / 4.48 ACRES
PARKING LOT OFF MAPLE STREET: 17,295 SQ. FT. / 0.40 ACRES
BACK LOT BEHIND PARKING LOT: 10,150 SQ. FT. / 0.23 ACRES

LEGEND	
EXISTING	DESCRIPTION
---	PROPERTY LINE/R.O.W.
---	ABUTTER LINE/R.O.W.
---	EASEMENT
□	MONUMENT
○	IRON PIPE/ROD
⊙	DRILL HOLE
N/F	NOW OR FORMERLY
⊕	BENCHMARK
▬	BUILDING
▬	DECK/STEPS/ OVERHANG
▬	EDGE OF PAVEMENT
▬	EDGE OF CONCRETE
▬	EDGE OF BRICK
▬	PAVEMENT PAINT
▬	EDGE GRAVEL
▬	CURB LINE
---120---118---	CONTOURS
○	CHAIN LINK FENCE
○	STOCKADE FENCE
□	GUARD RAIL
▬	RETAINING WALL
○	DECIDUOUS TREE
⊙	CONIFEROUS TREE
○	TREE CANOPY
○	BOLLARD
○	SIGN
W	WATER
W	WATER GATE VALVE
W	WATER SHUT OFF
S	SANITARY SEWER
S	SANITARY MANHOLE
SD	STORM DRAIN
⊙	DRAINAGE MANHOLE
⊙	CATCH BASIN
OHU	OVERHEAD UTILITY
UGU	UNDERGROUND UTILITY
G	GAS
⊕	ELECTRIC METER
⊕	LIGHT POLE
⊕	UTILITY POLE
⊕	GUY WIRE
⊕	RIPRAP

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REV.	BY	DATE	STATUS	ADDED AND REVISED INVERT DATA
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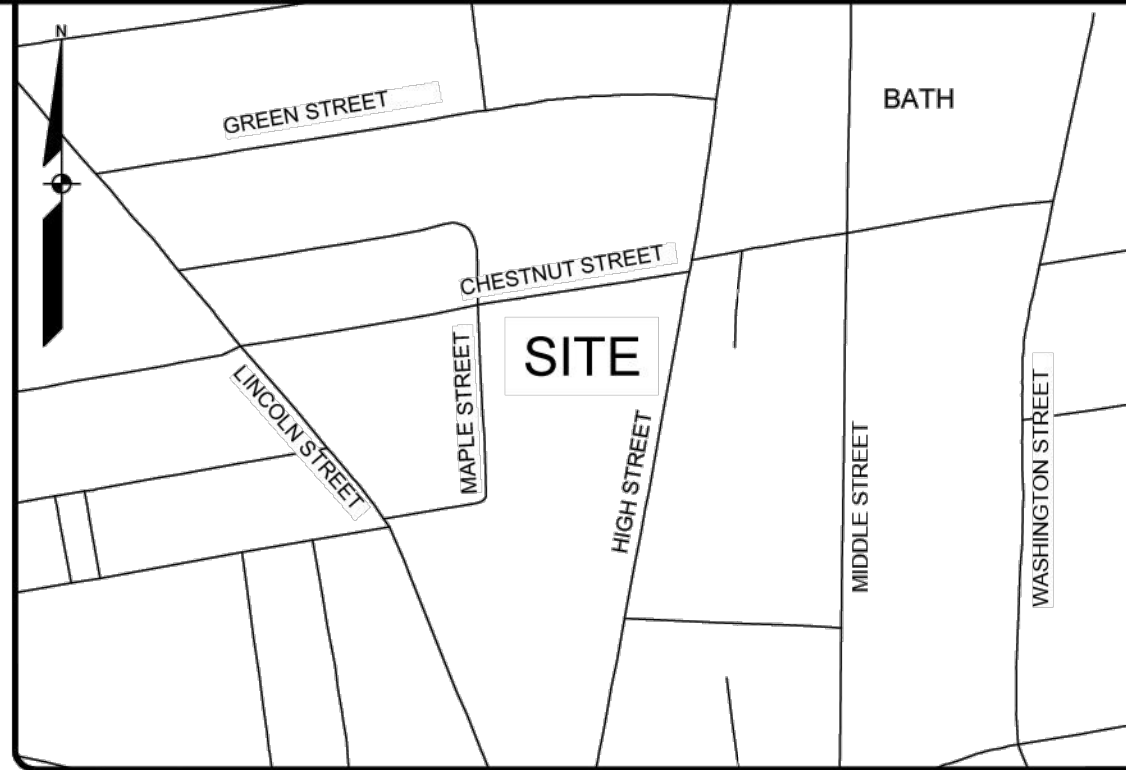
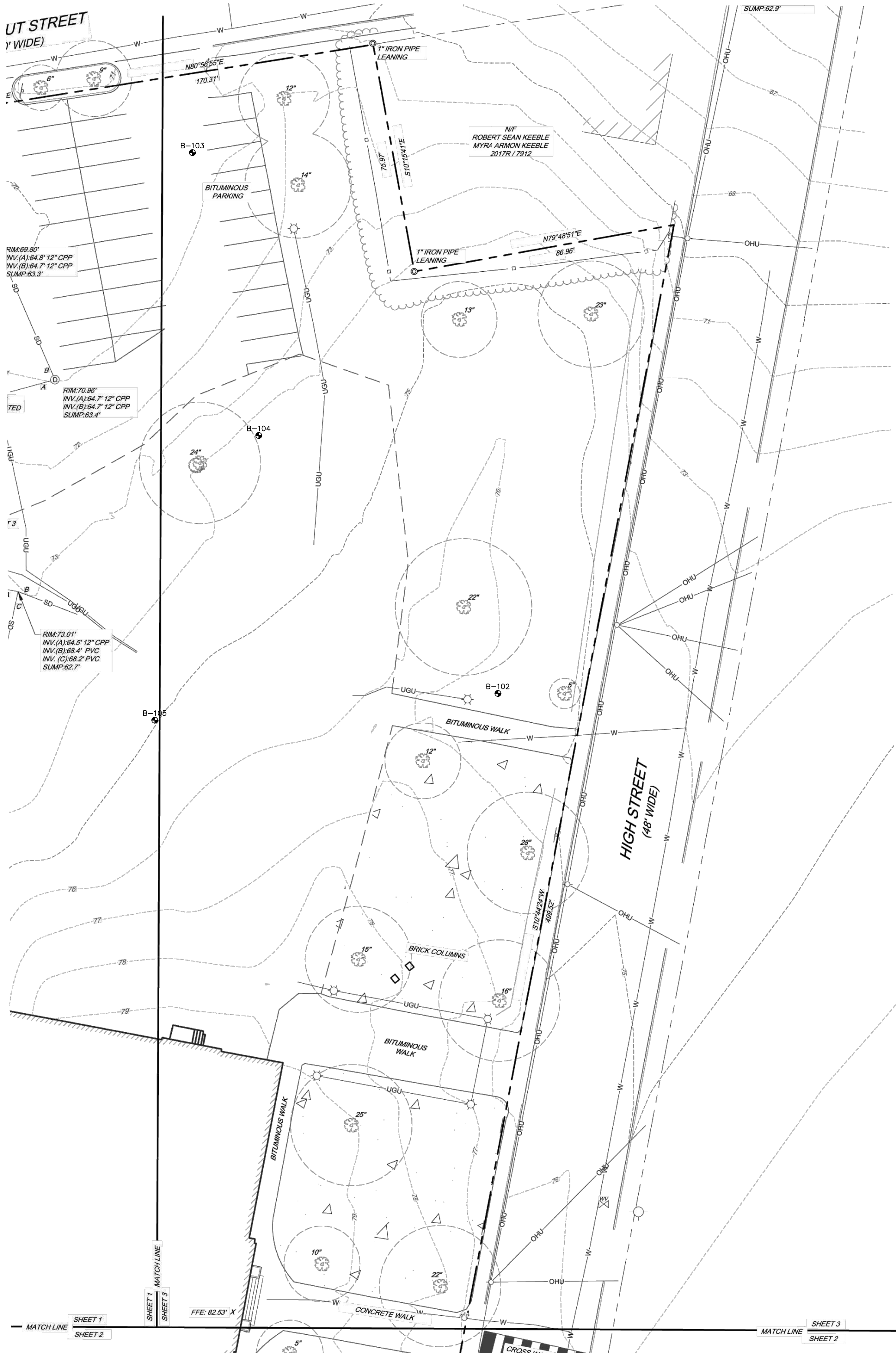
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SEBAGO
TECHNICS
SEBAGOTECHNICS.COM
75 John Roberts Rd. Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

EXISTING CONDITIONS PLAN
OF:
FIRE STATION HEADQUARTERS
825 HIGH STREET, 16 MAPLE STREET, 18 MAPLE STREET
BATH, ME
FOR RECORD OWNER:
CITY OF BATH
55 FRONT STREET
BATH, ME 04530

DESIGNED	-
DRAWN	CNG
CHECKED	BRS
DATE	07/26/2024
SCALE	1" = 20'
PROJECT	240280

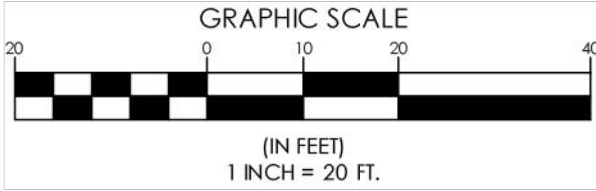
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LOCATION MAP N.T.S.

LEGEND

EXISTING	DESCRIPTION
---	PROPERTY LINE/R.O.W.
---	ABUTTER LINE/R.O.W.
---	EASEMENT
□	MONUMENT
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N/F	NOW OR FORMERLY
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D	DRAINAGE MANHOLE
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G	GAS
⊙	ELECTRIC METER
⊙	LIGHT POLE
⊙	UTILITY POLE
⊙	GUY WIRE
⊙	RIPRAP



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REV.	BY	DATE	STATUS
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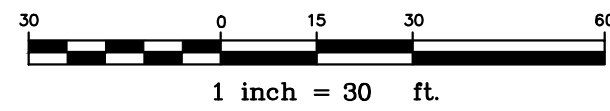
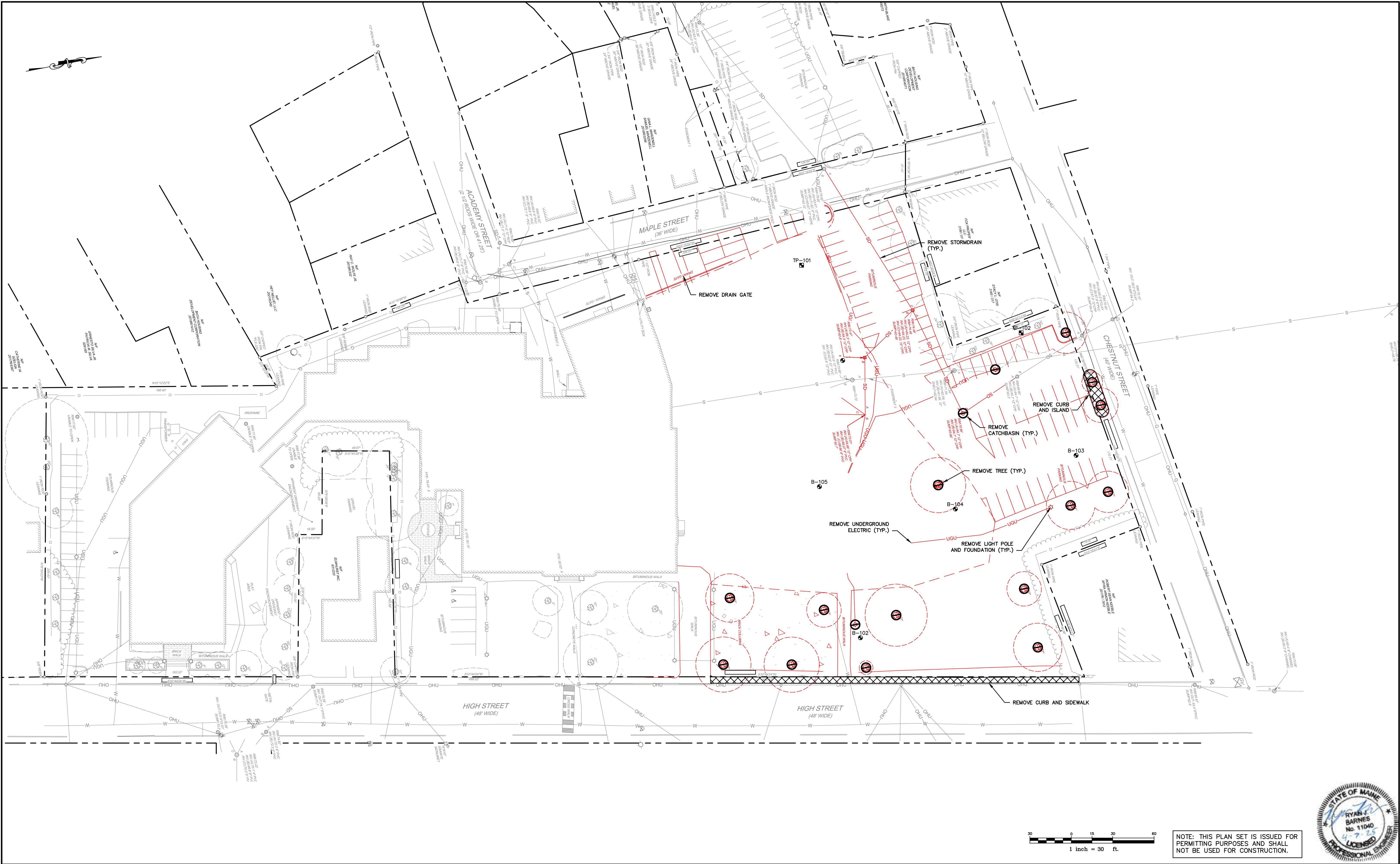
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75 John Roberts Rd., Suite 4A
South Portland, ME 04106
207-200-2100
South Portland, Bridgton, Sanford and Bath

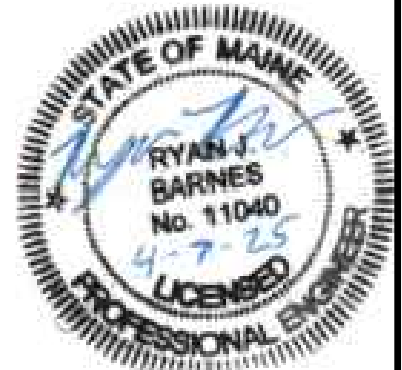
EXISTING CONDITIONS PLAN
OF:
FIRE STATION HEADQUARTERS
826 HIGH STREET, 16 MAPLE STREET, 19 MAPLE STREET
BATH, ME
FOR RECORD OWNER:
CITY OF BATH
55 FRONT STREET
BATH, ME 04530

DESIGNED	-
DRAWN	CNG
CHECKED	BR
DATE	07/26/2024
SCALE	1" = 20'
PROJECT	240280

\\G:\STORAGE-SRV\JOB_NUMBERS\Context Architecture\4319_Context Architecture_Bath Fire Headquarters\Z - CAD\DWG\4319-DEMO.dwg 4/7/2025 10:08 AM



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Rev.	Date	Revision

PERMITTING	4/4/25	RJB	
Issued For	Date	By	

Design: TAL	Draft: GJH	Date: APRIL 2025
Checked: RJB	Scale: 1"=30'	Job No.: 4319
File Name: 4319-DEMO.dwg		
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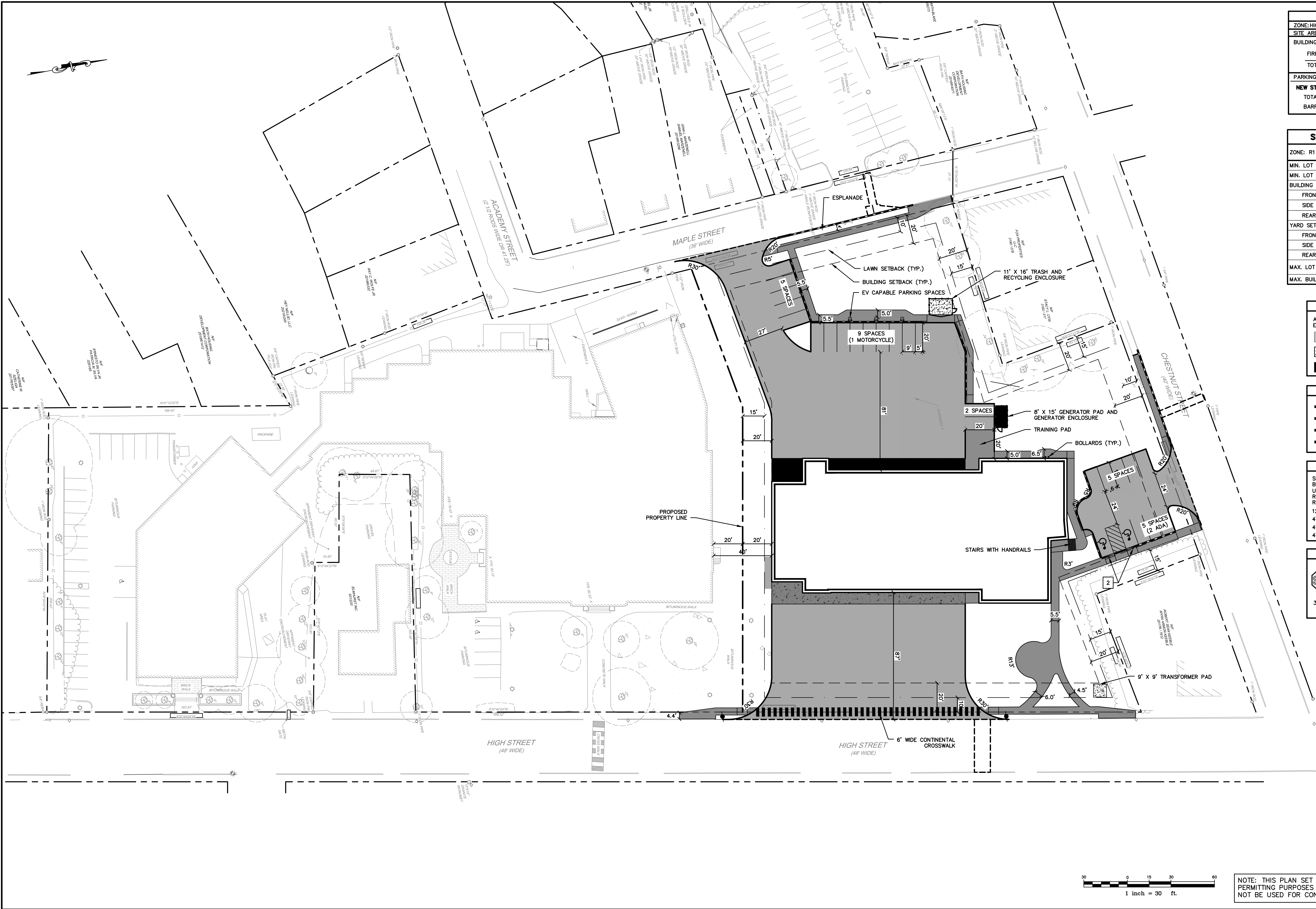


Gorriil Palmer, an LJB Engineering Company
GorriilPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

Drawing Name:	Demolition Plan
Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

Drawing No.
C104

\\G:\STORAGE-SRV\JOB_NUMBERS\Context Architecture\4319_Context Architecture_Both Fire Headquarters\Z - CAD\DWG\4319-SP.dwg 4/7/2025 10:08 AM



SITE DATA		
ZONE: HIGH-DENSITY RESIDENTIAL DISTRICT - R1		
SITE AREA 85,983 S.F. = 1.97 ACRES		
BUILDING AREA		
FIRE HQ	17,602 S.F.	
TOTAL	17,602 S.F.	
PARKING	REQUIRED	PROVIDED
NEW STRUCTURE		
TOTAL	26	26
BARRIER FREE	2	2

SPACE AND BULK STANDARDS		
ZONE: R1	REQUIRED	PROVIDED
MIN. LOT SIZE	10,000 S.F.	85,983 S.F.
MIN. LOT WIDTH	60 FT.	170 FT.
BUILDING SETBACKS		
FRONT	20 FT.	>20 FT.
SIDE	20 FT.	>20 FT.
REAR	20 FT.	>20 FT.
YARD SETBACKS		
FRONT	10 FT.	>10 FT.
SIDE	15 FT.	>15 FT.
REAR	15 FT.	>15 FT.
MAX. LOT COVERAGE	40%	20.5%
MAX. BUILDING HEIGHT	45 FT.	<45 FT.

PAVEMENT LEGEND

ALL PAVEMENT SHALL BE STANDARD DUTY EXCEPT AS FOLLOWS:

- HEAVY DUTY BITUMINOUS CONCRETE
- PORTLAND CEMENT CONCRETE
- CONCRETE APRON

CURBING LEGEND

- VERTICAL GRANITE CURB
- SLOPED GRANITE CURB
- MONOLITHIC CONCRETE CURB
- BITUMINOUS CURB

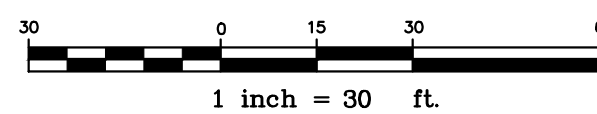
STRIPING LEGEND

SIGNAGE, STRIPING AND PAVEMENT MARKING SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) REGARDING SIZE, INSTALLATION, LOCATION & REFLECTIVITY.

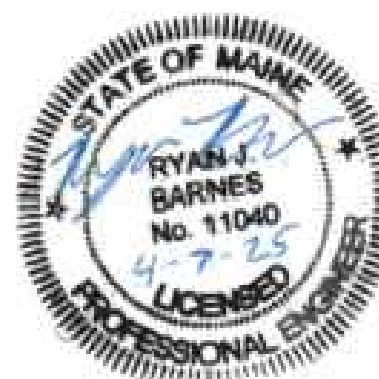
- 12"SL - 12" WIDTH STOP LINE
- 4"SWLL - 4" WIDTH SOLID WHITE LANE LINE
- 4"DYCL - 4" WIDTH DOUBLE YELLOW CENTERLINE
- 4"DWLL - 4" WIDTH DASHED WHITE LANE LINE

SIGN LEGEND

- STOP 30"x 30"
- R7-8 12"x 18"
- R7-8 12"x 18"



NOTE: THIS PLAN SET IS ISSUED FOR PERMITTING PURPOSES AND SHALL NOT BE USED FOR CONSTRUCTION.



Rev.	Date	Revision

PERMITTING	4/4/25	RJB
Issued For	Date	By

Design: TAL	Draft: GJH	Date: APRIL 2025
Checked: RJB	Scale: 1"=30'	Job No.: 4319
File Name: 4319-SP.dwg		
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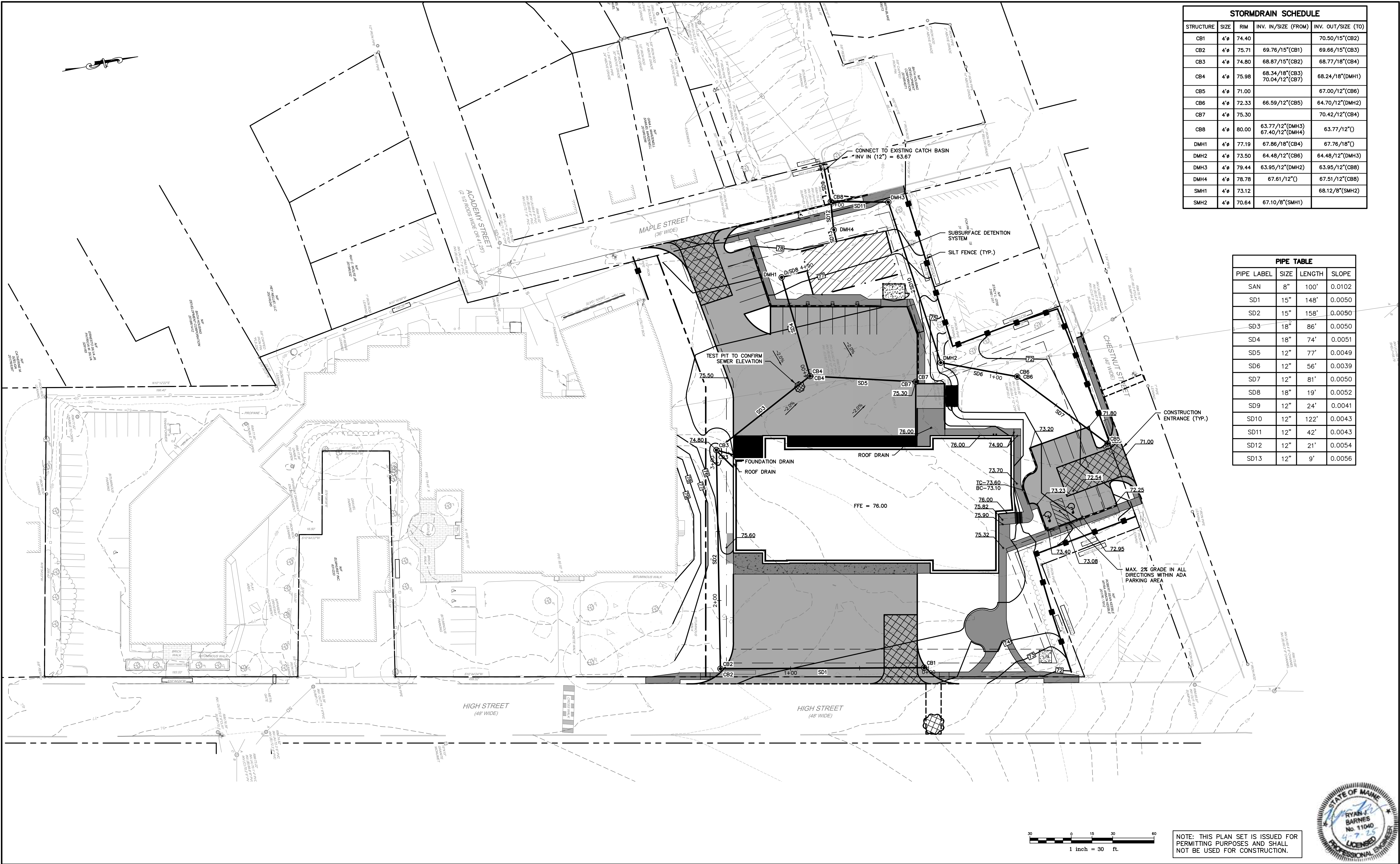


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South Portland, ME 04106

Drawing Name:	Site Plan
Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

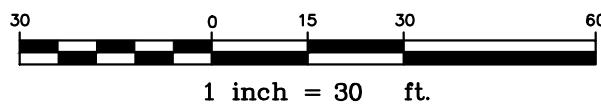
Drawing No.
C105

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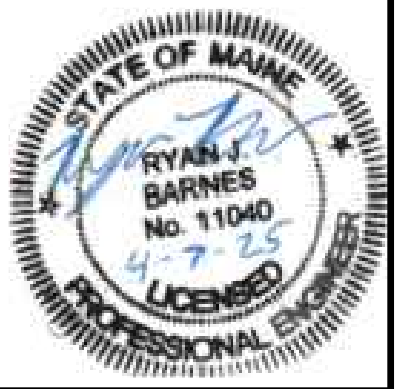


STORMDRAIN SCHEDULE				
STRUCTURE	SIZE	RIM	INV. IN/SIZE (FROM)	INV. OUT/SIZE (TO)
CB1	4'	74.40		70.50/15"(CB2)
CB2	4'	75.71	69.76/15"(CB1)	69.66/15"(CB3)
CB3	4'	74.80	68.87/15"(CB2)	68.77/18"(CB4)
CB4	4'	75.98	68.34/18"(CB3) 70.04/12"(CB7)	68.24/18"(DMH1)
CB5	4'	71.00		67.00/12"(CB6)
CB6	4'	72.33	66.59/12"(CB5)	64.70/12"(DMH2)
CB7	4'	75.30		70.42/12"(CB4)
CB8	4'	80.00	63.77/12"(DMH3) 67.40/12"(DMH4)	63.77/12"()
DMH1	4'	77.19	67.86/18"(CB4)	67.76/18"()
DMH2	4'	73.50	64.48/12"(CB6)	64.48/12"(DMH3)
DMH3	4'	79.44	63.95/12"(DMH2)	63.95/12"(CB8)
DMH4	4'	78.78	67.61/12"()	67.51/12"(CB8)
SMH1	4'	73.12		68.12/8"(SMH2)
SMH2	4'	70.64	67.10/8"(SMH1)	

PIPE TABLE			
PIPE LABEL	SIZE	LENGTH	SLOPE
SAN	8"	100'	0.0102
SD1	15"	148'	0.0050
SD2	15"	158'	0.0050
SD3	18"	86'	0.0050
SD4	18"	74'	0.0051
SD5	12"	77'	0.0049
SD6	12"	56'	0.0039
SD7	12"	81'	0.0050
SD8	18"	19'	0.0052
SD9	12"	24'	0.0041
SD10	12"	122'	0.0043
SD11	12"	42'	0.0043
SD12	12"	21'	0.0054
SD13	12"	9'	0.0056



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Design: TAL	Draft: GJH	Date: APRIL 2025
Checked: RJB	Scale: 1"=30'	Job No.: 4319
File Name: 4319-GRADE.dwg		
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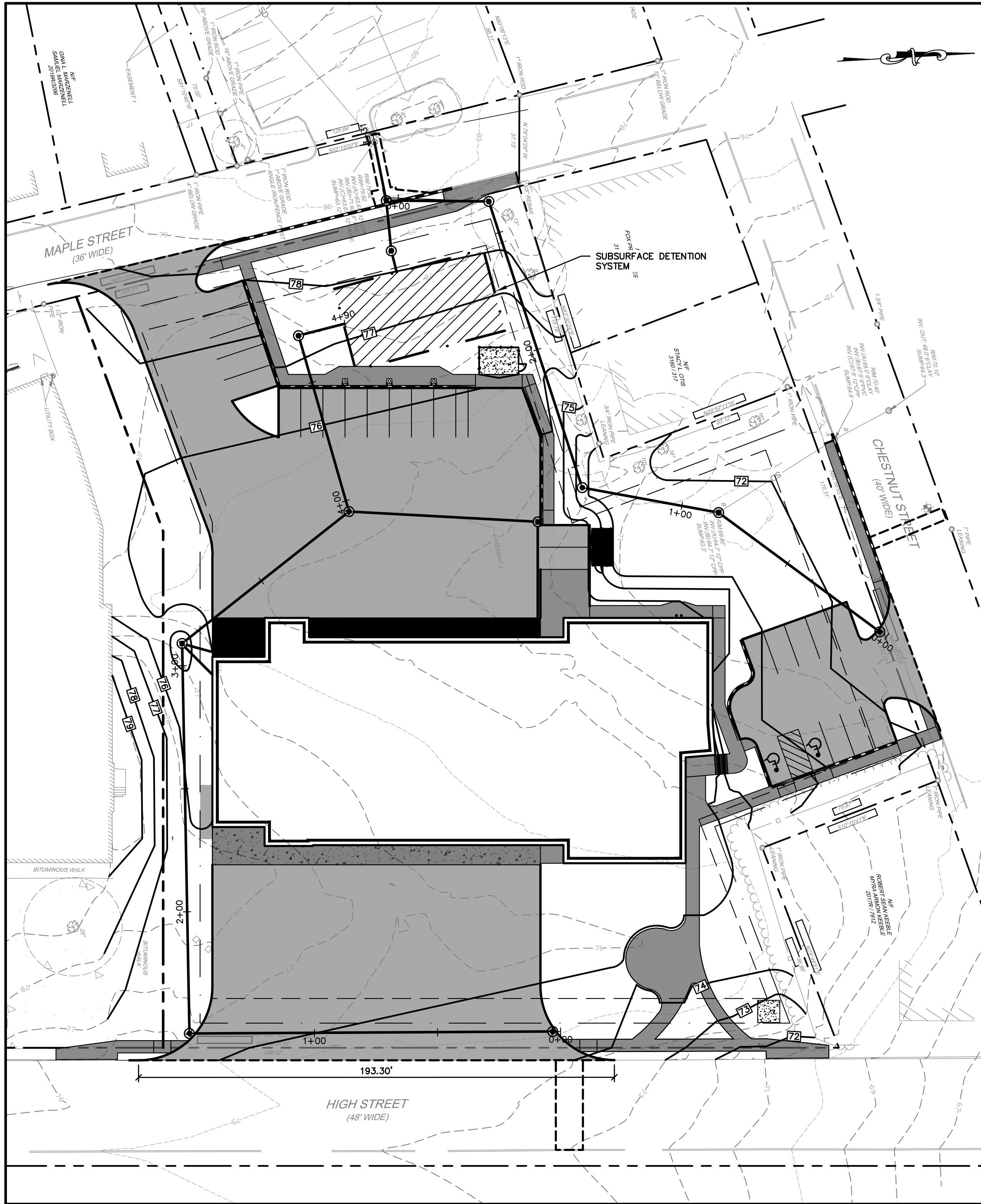
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Drawing Name:	Grading, Drainage, and Erosion Control Plan
Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

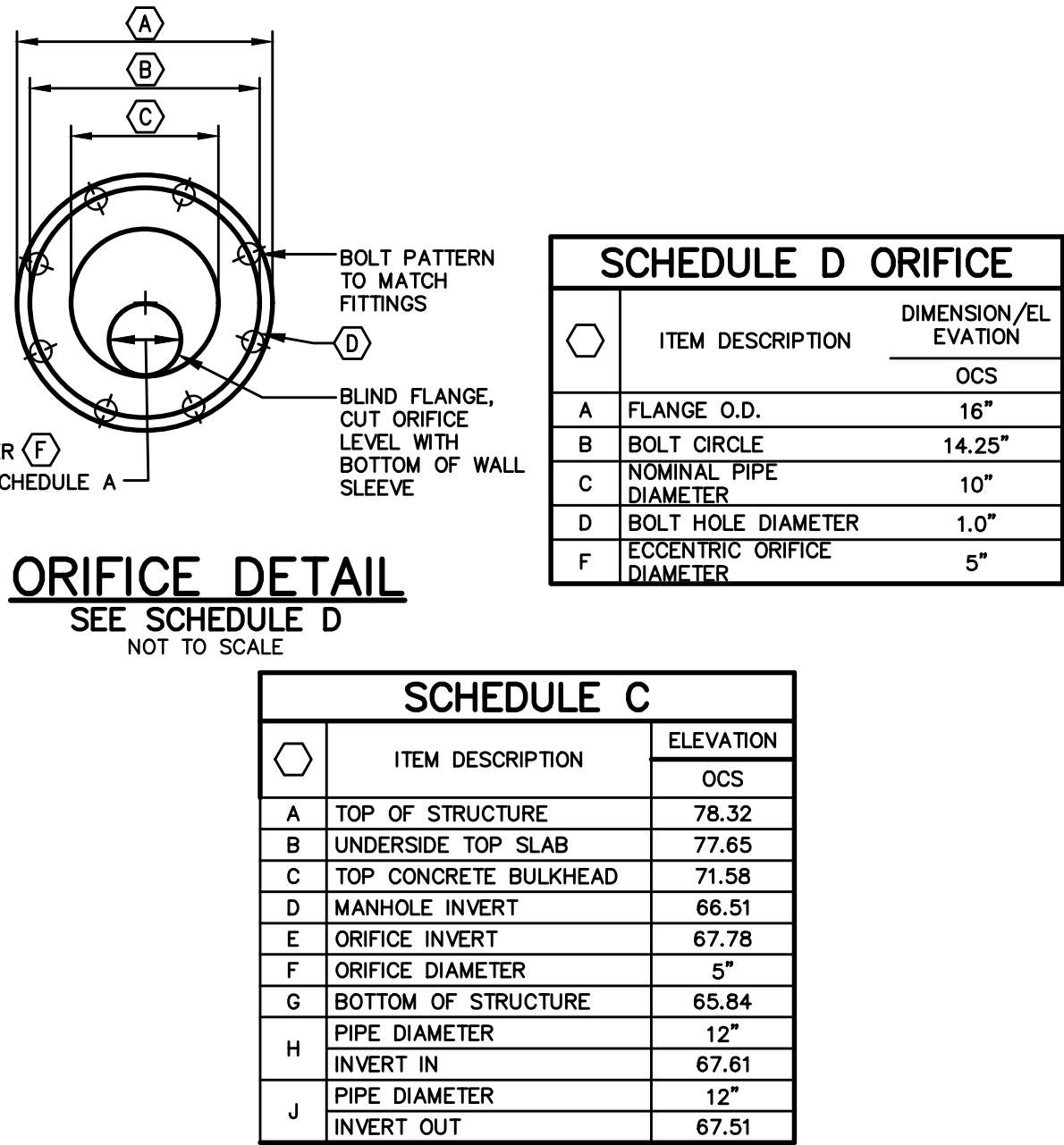
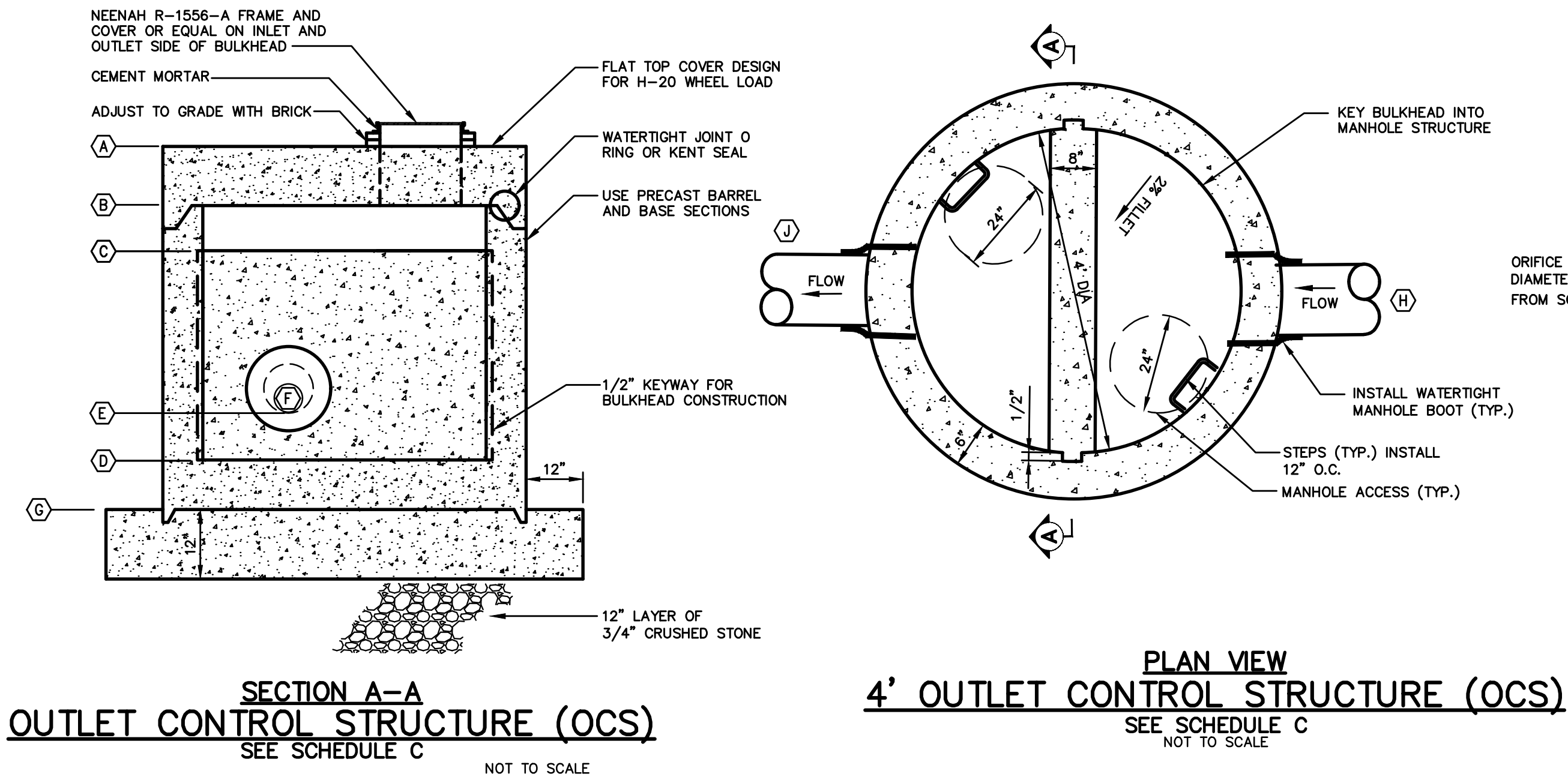
Drawing No.
C106

Drawing No.
C107

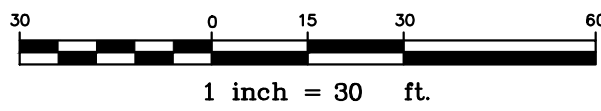
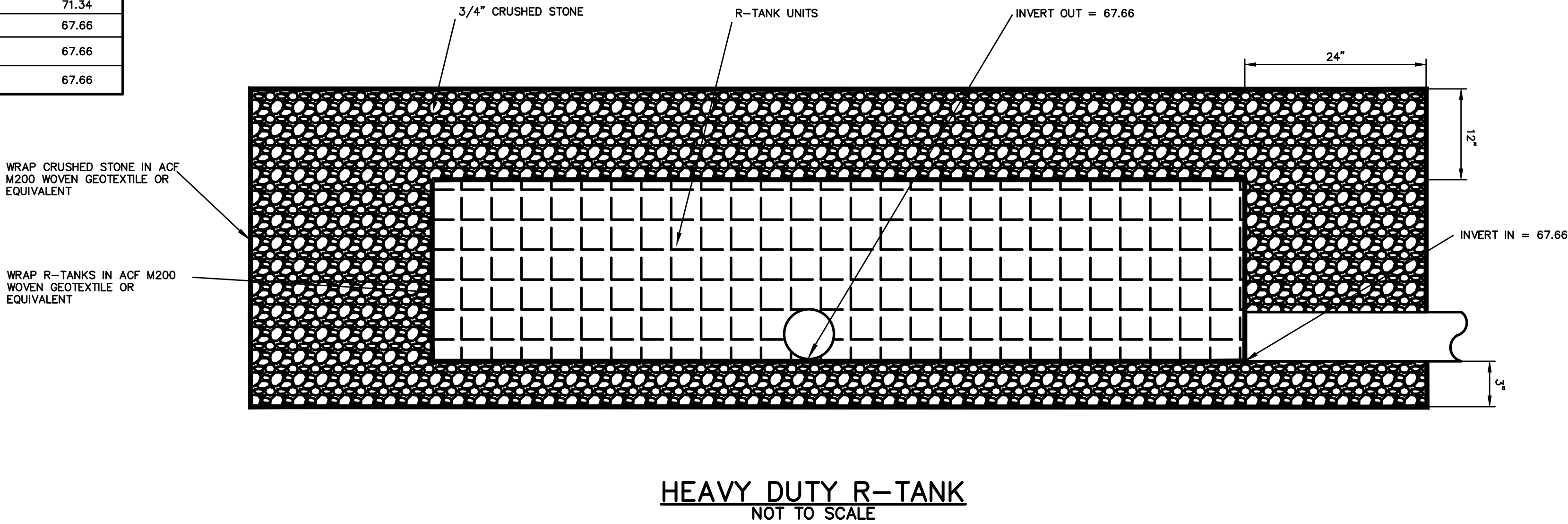
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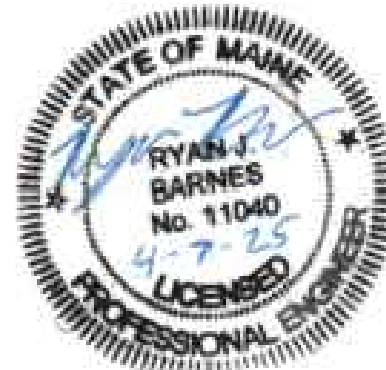
STORMWATER MANAGEMENT PLAN
1"=30'



R-TANKS ELEVATIONS	
DESCRIPTION	ELEVATION
TOP OF R-TANKS	71.34
BOTTOM OF R-TANKS	67.66
INVERT IN(18" PIPE FROM DMH1)	67.66
INVERT OUT (12" PIPE TO OCS)	67.66



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PERMITTING	Date	By

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Checked: RJB	Scale: 1"=30'	Job No.: 4319
File Name: 4319-WQ.dwg		
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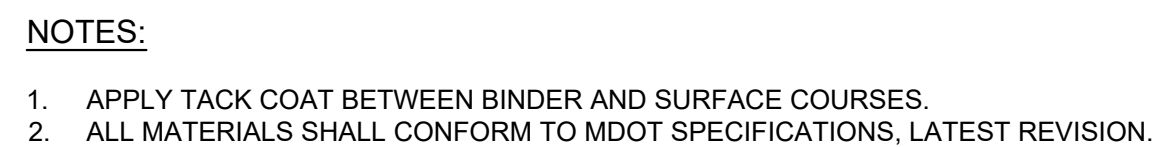
Drawing Name:	Stormwater Management Plan
Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston , MA 02110

Drawing No.	C108
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PAVEMENT MARKINGS

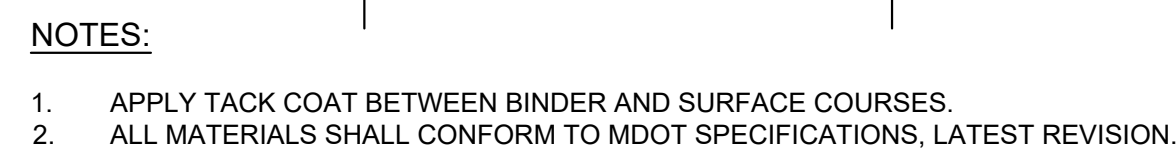
NOT TO SCALE



NOTES:

1. SEE SITE LAYOUT PLAN FOR PAD DIMENSIONS.
2. 12" BASE GRAVEL SHALL BE MDOT 703.06 STANDARDS FOR TYPE D GRAVEL.
3. CONCRETE PAD SHALL HAVE COMPRESSIVE STRENGTH OF 4,500 PSI.
4. PROVIDE BROOM FINISH AND SALTGUARD™ CHLORIDE INHIBITOR.

TYPE 3A CURB DETAIL
NOT TO SCALE



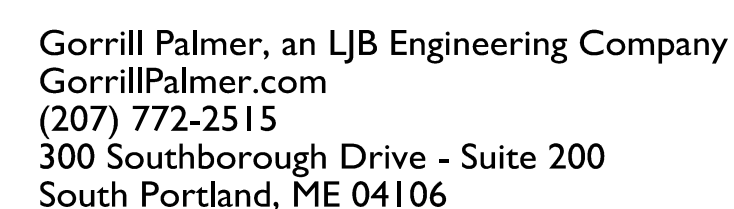
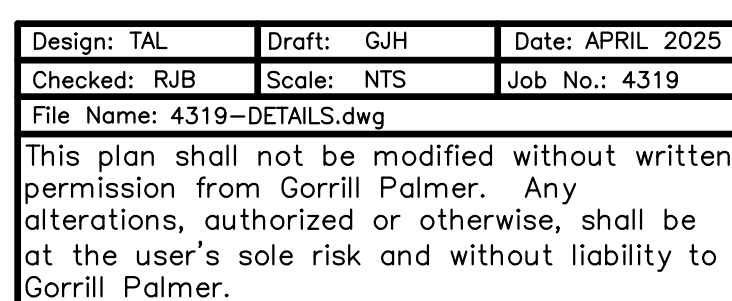
NOTES:

1. RAMP SHALL BE CONSTRUCTED IN ACCORDANCE WITH AMERICANS WITH DISABILITIES ACT (ADA).
2. SCORE LINES ARE NOT APPLICABLE TO BITUMINOUS CONCRETE SIDEWALKS.
3. SEE PLANS FOR LOCATION(S) AND TYPES OF CURB.

NOTE: VERTICAL GRANITE CURB SHALL MEET THE REQUIREMENTS OF SECTION 609 OF THE MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) STANDARD SPECIFICATIONS, LATEST REVISION, AND THE DIMENSIONS SHOWN ON THE DRAWINGS. SLOPED GRANITE CURB SHALL MEET THE REQUIREMENTS OF SECTION 609 OF THE STANDARD SPECIFICATIONS, LATEST REVISION, AND THE DIMENSIONS SHOWN ON THE DRAWINGS.

VERTICAL GRANITE CURB
NOT TO SCALE

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Drawing Name:

Site Details

Bath Fire Headquarters
826 High Street, Bath, ME 04530

Client:

Context Architecture
65 Franklin Street, Boston, MA 02110

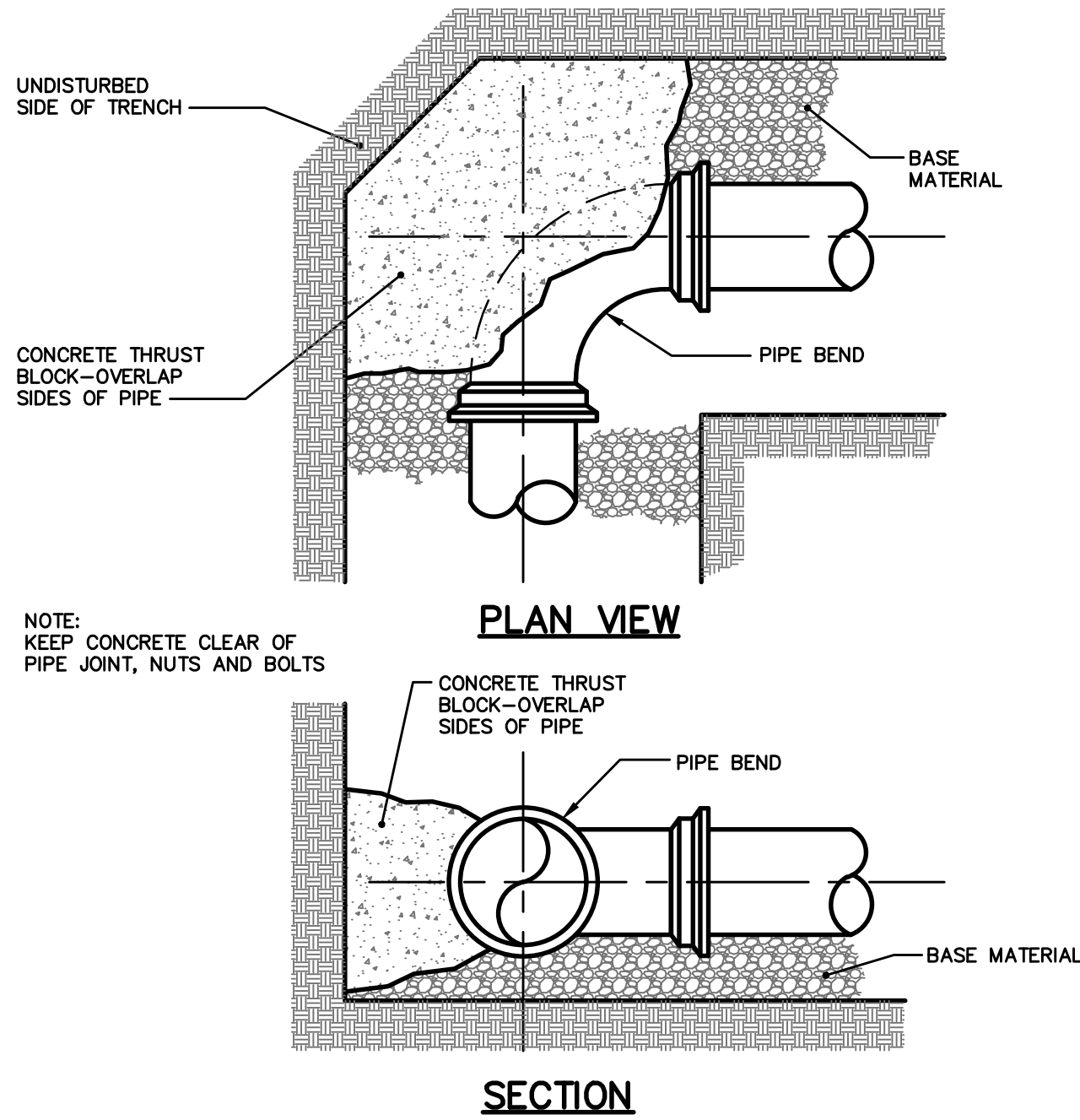
Drawing No.

C109 |

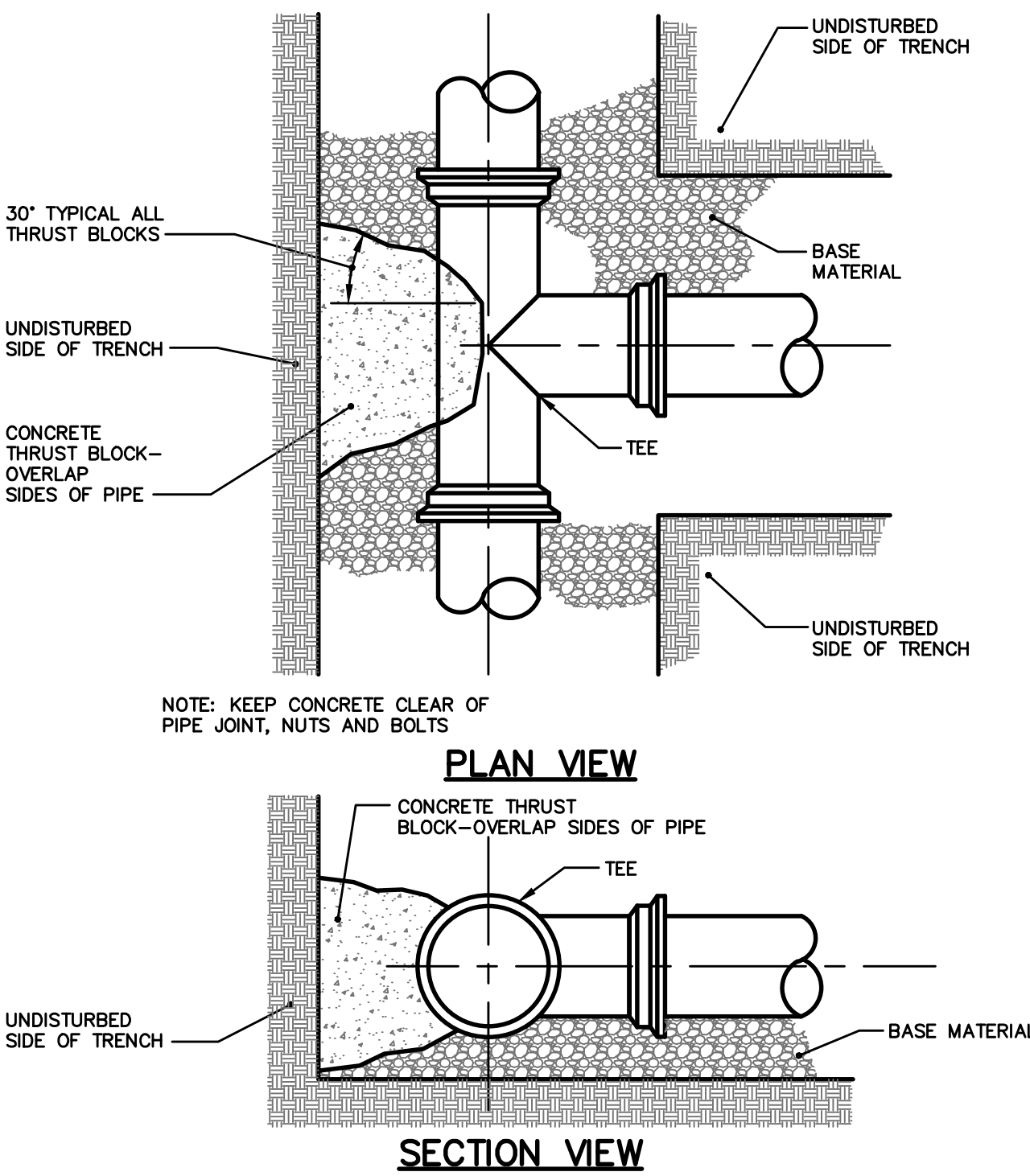
Rev.	Date	Revision

PERMITTING	4/4/25	RJB
Issued For	Date	By

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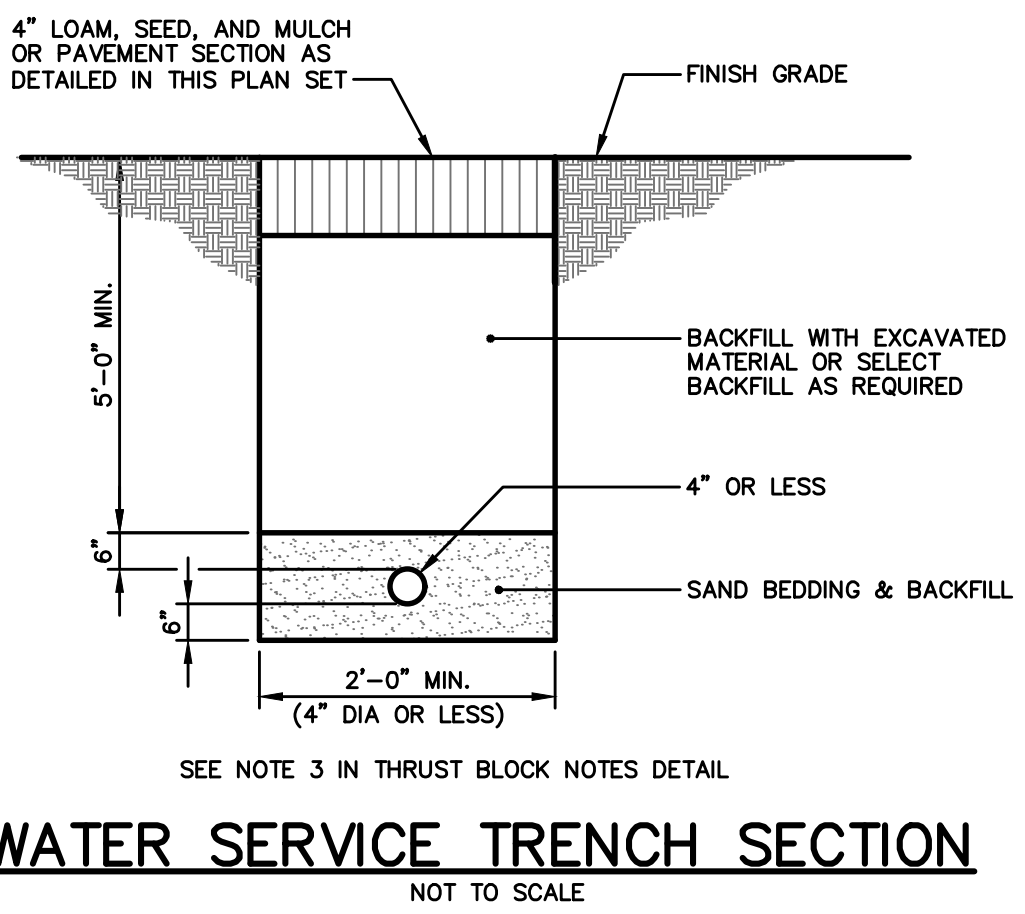
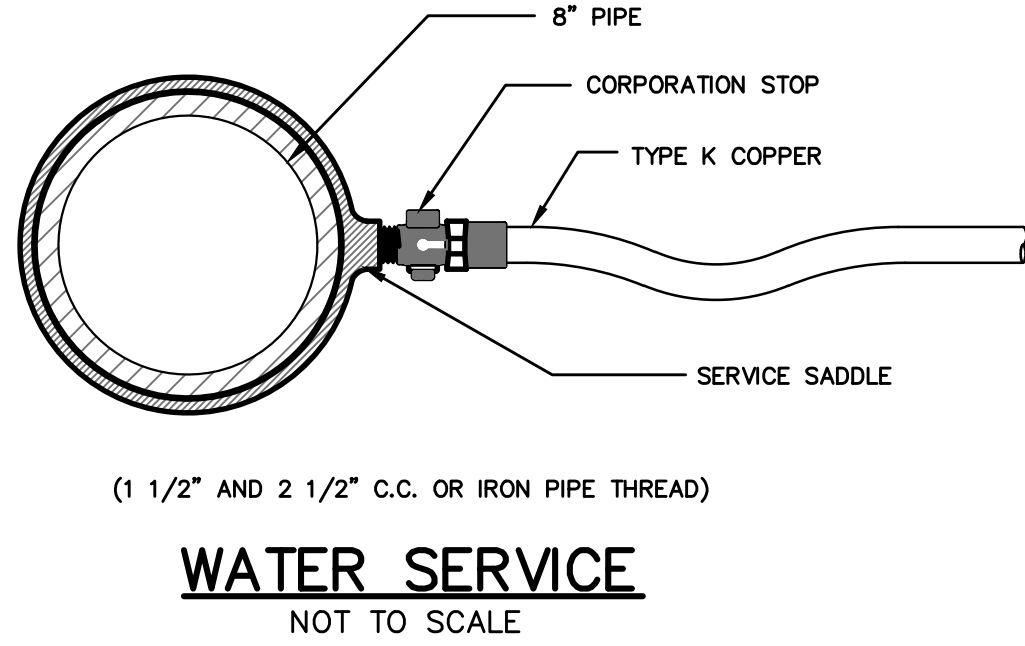


THRUST BLOCK PLACEMENT ON BENDS



NOTES:

- SERVICE CONNECTIONS (DIRECT TAPS AND SERVICE CLAMPS) WILL BE INSTALLED SO THAT THE OUTLET IS AT AN ANGLE OF NOT MORE THAN 45° ABOVE THE HORIZONTAL. ALWAYS PUT A BEND OR "GOOSENECK" IN THE SERVICE LINE PRIOR TO CONNECTING TO PROVIDE FLEXIBILITY AND "GIVE" TO COUNTERACT THE EFFECTS OF A LOAD DUE TO SETTLEMENT OR EXPANSION AND/OR CONTRACTION.
- CONFORM TO MATERIALS AND REQUIREMENTS SPECIFIED BY BATH WATER DISTRICT.



- THE BEARING SURFACE OF THE THRUST BLOCK SHALL BE THE SURFACE AREA OF THE THRUST BLOCK WHICH IS CAST AGAINST THE TRENCH WALL. THE BEARING SURFACE SHALL NOT EXCEED THE FOLLOWING LOADINGS:

IN-SITU CONDITION	ALLOWABLE
BEDROCK	3,000 psf
SAND OR OUTWASH DEPOSITS	1,500 psf
OTHER SOILS	1,000 psf

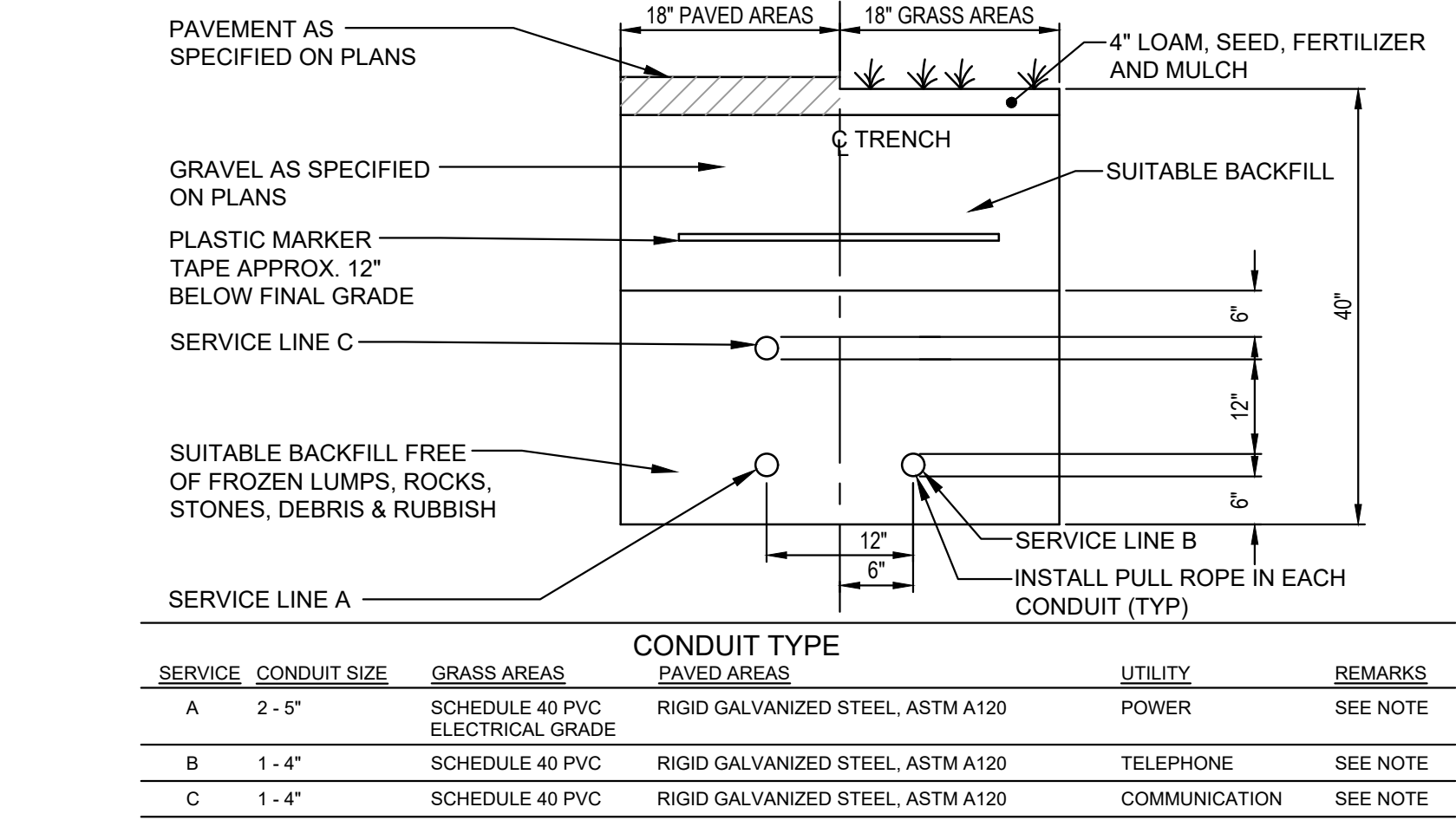
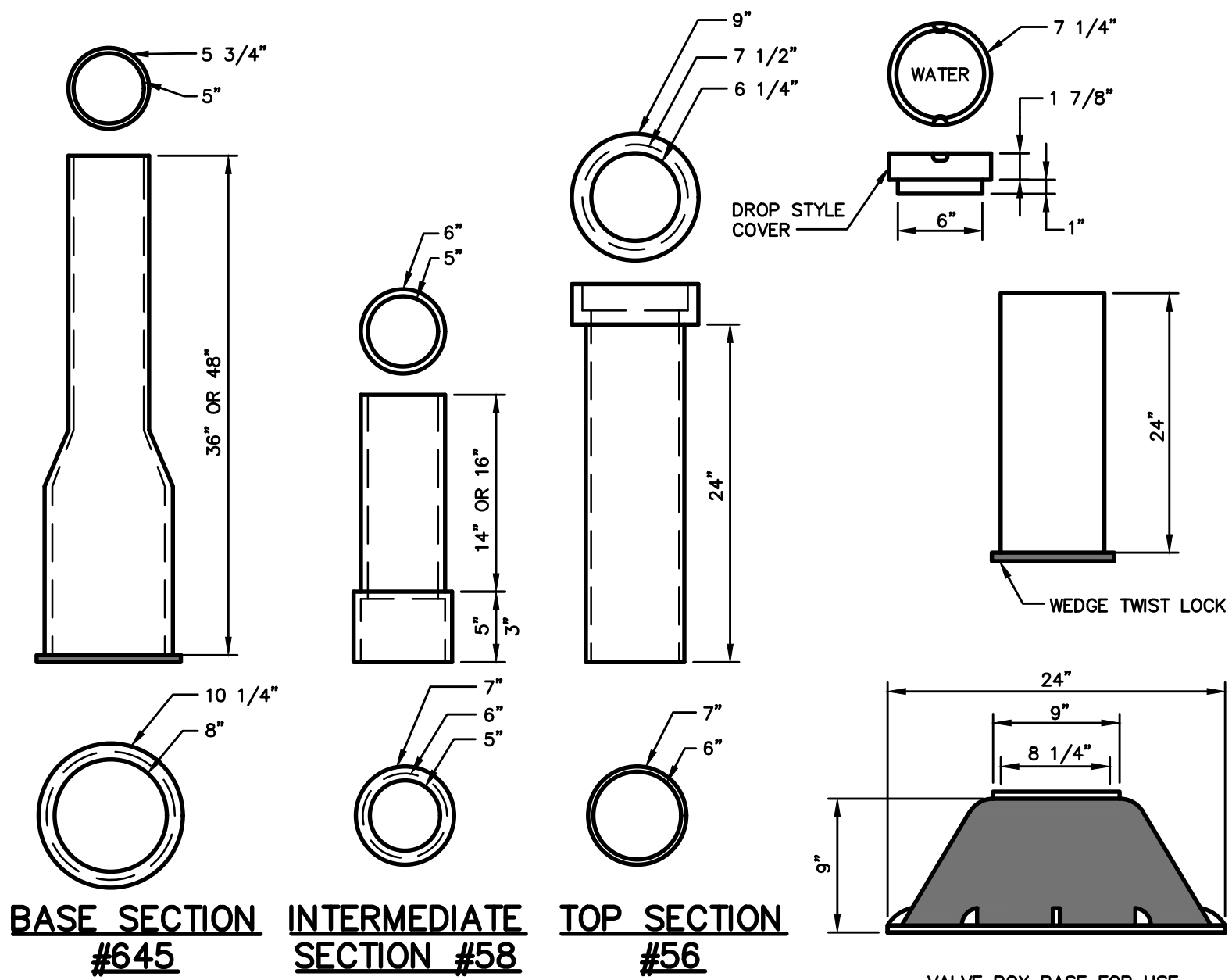
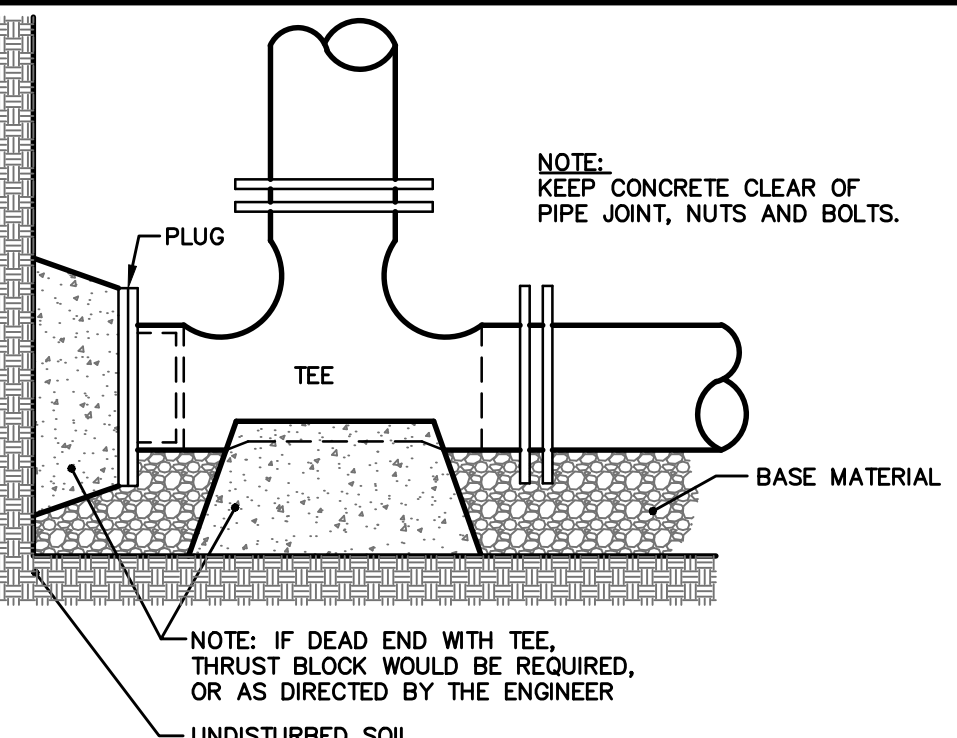
THE THRUST SHALL BE COMPUTED ON THE BASIS OF 150 psi x THE CROSS SECTIONAL AREA OF THE PIPE. FOR EXAMPLE, A THRUST BLOCK FOR A 1/4 BEND ON AN 8" WATER MAIN BEARING AGAINST CLAY WOULD REQUIRE A BEARING SURFACE OF 7.5 s.f.

$$150 \text{ psi} \times 50 \text{ sq. in.} = 7.5 \text{ s.f.}$$

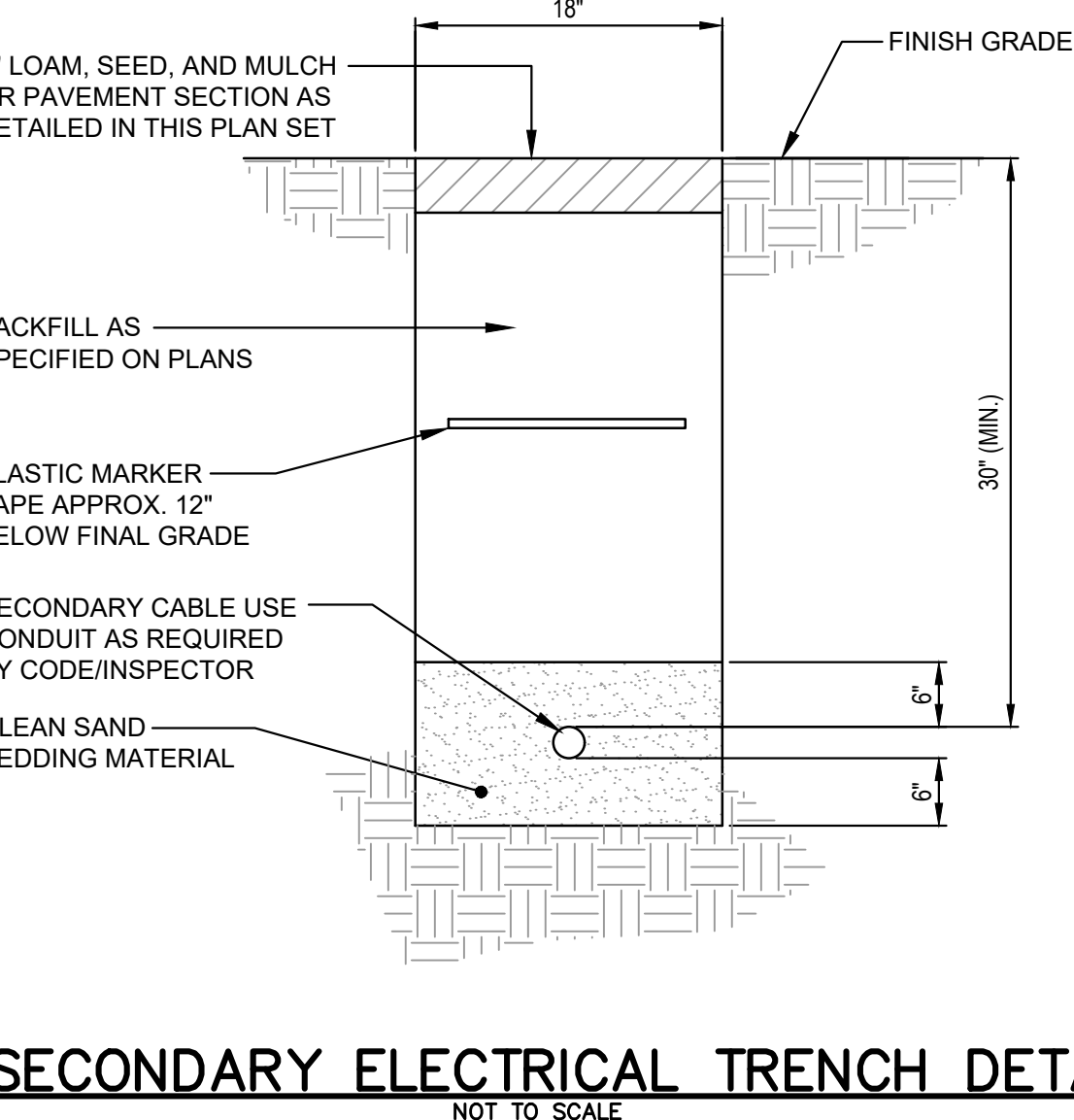
- INSTALL POLY BARRIER BETWEEN PIPE AND ALL THRUST BLOCKS.

- ANY WORK RELATED TO WATER PIPING OR DETAILS SHALL BE IN ACCORDANCE WITH THE BATH WATER AND SEWER DISTRICT SPECIFICATIONS.

THRUST BLOCK NOTES



NOTE: ONE CONDUIT CAPPED FOR SPARE, PROVIDE GALVANIZED STEEL LONG SWEEP AT RISER POLE AND EXTEND GALVANIZED CONDUIT TO 10' ABOVE GRADE AT POLE WITH STAND-OFF BRACKETS

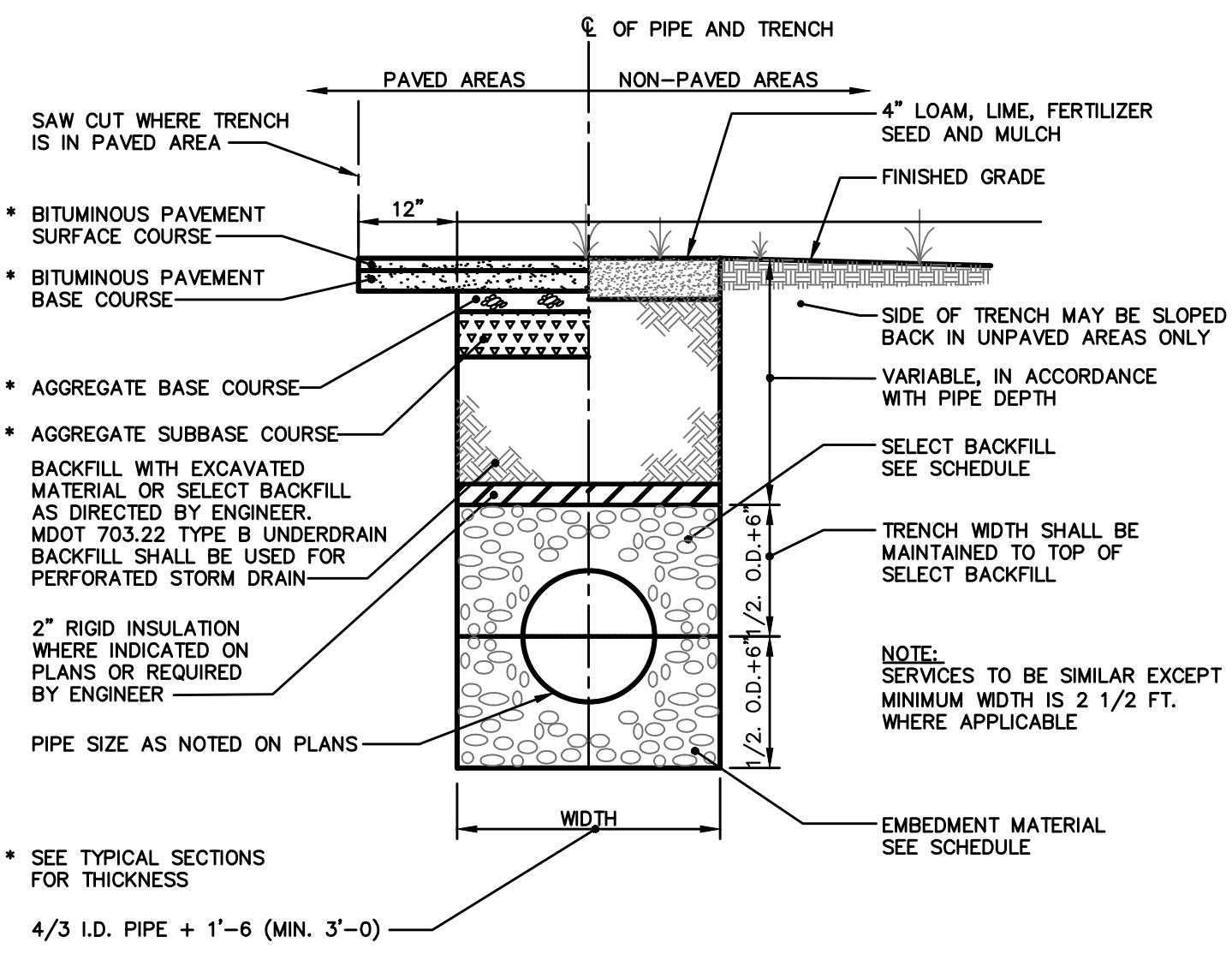
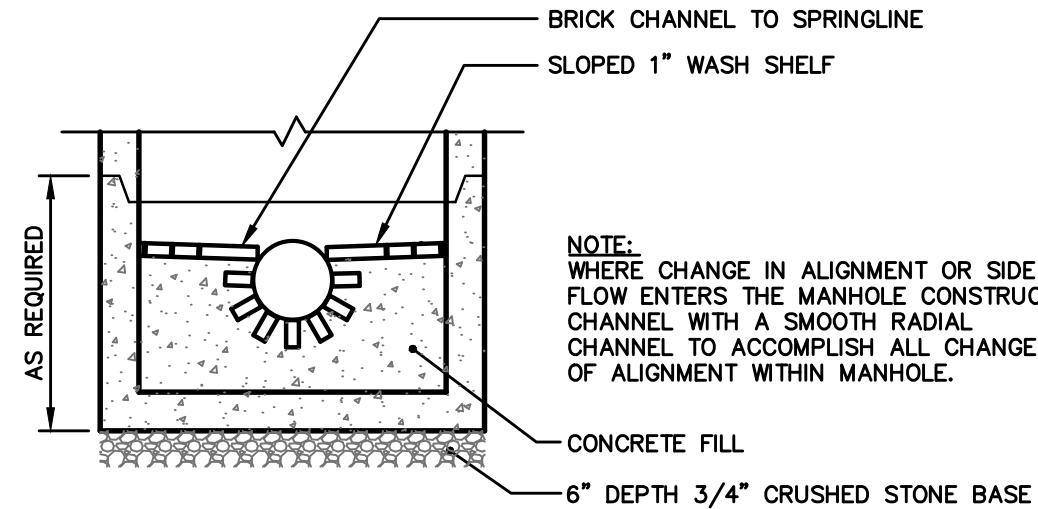
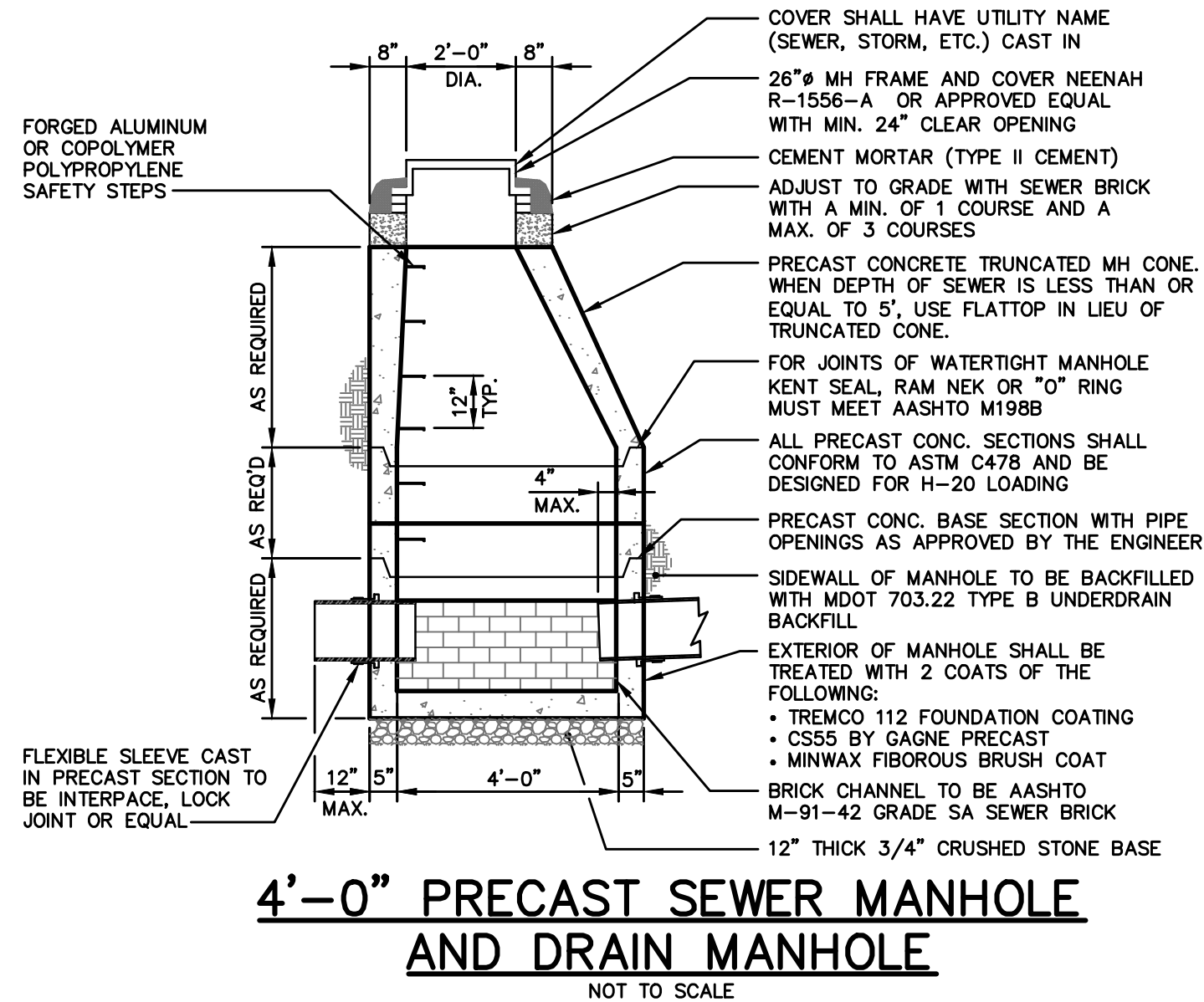


SCHEDULE OF TRENCH BACKFILL		
TYPE OF PIPE	EMBEDMENT MATERIAL	SELECT BACKFILL
OMP DUCTILE IRON RCP	MDOT 703.22 TYPE B UD BACKFILL	MDOT 703.22 TYPE B UD BACKFILL
PVC—SDR 35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL
PERFORATED PVC—SDR35 HDPE	MDOT 703.22 TYPE C 3/4" CRUSHED STONE	MDOT 703.22 TYPE B UD BACKFILL

- NOTE:
- BRACING AND SHEETING OR OTHER TRENCH PROTECTION TO BE PROVIDED TO MEET APPLICABLE STATE AND O.S.H.A. SAFETY STANDARDS. ALL SUCH TRENCH PROTECTION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.
 - INSTALL WARNING TAPE DIRECTLY ABOVE UTILITIES, 12" BELOW FINISH GRADE.

MINIMUM COVER	PIPE
2'-0"	DRAIN (1)
5'-5"	WATER
5'-0"	SEWER

- (1) COVER BETWEEN 2' AND 3' SHALL INCLUDE 4" RIGID INSULATION. COVER BETWEEN 3' AND 4' SHALL INCLUDE 2" RIGID INSULATION.



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PERMITTING	4/4/25	RJB
Issued For	Date	By

Design: TAL	Draft: GJH	Date: APRIL 2025
Checked: RJB	Scale: NTS	Job No.: 4319
File Name: 4319-DETAILS.dwg		
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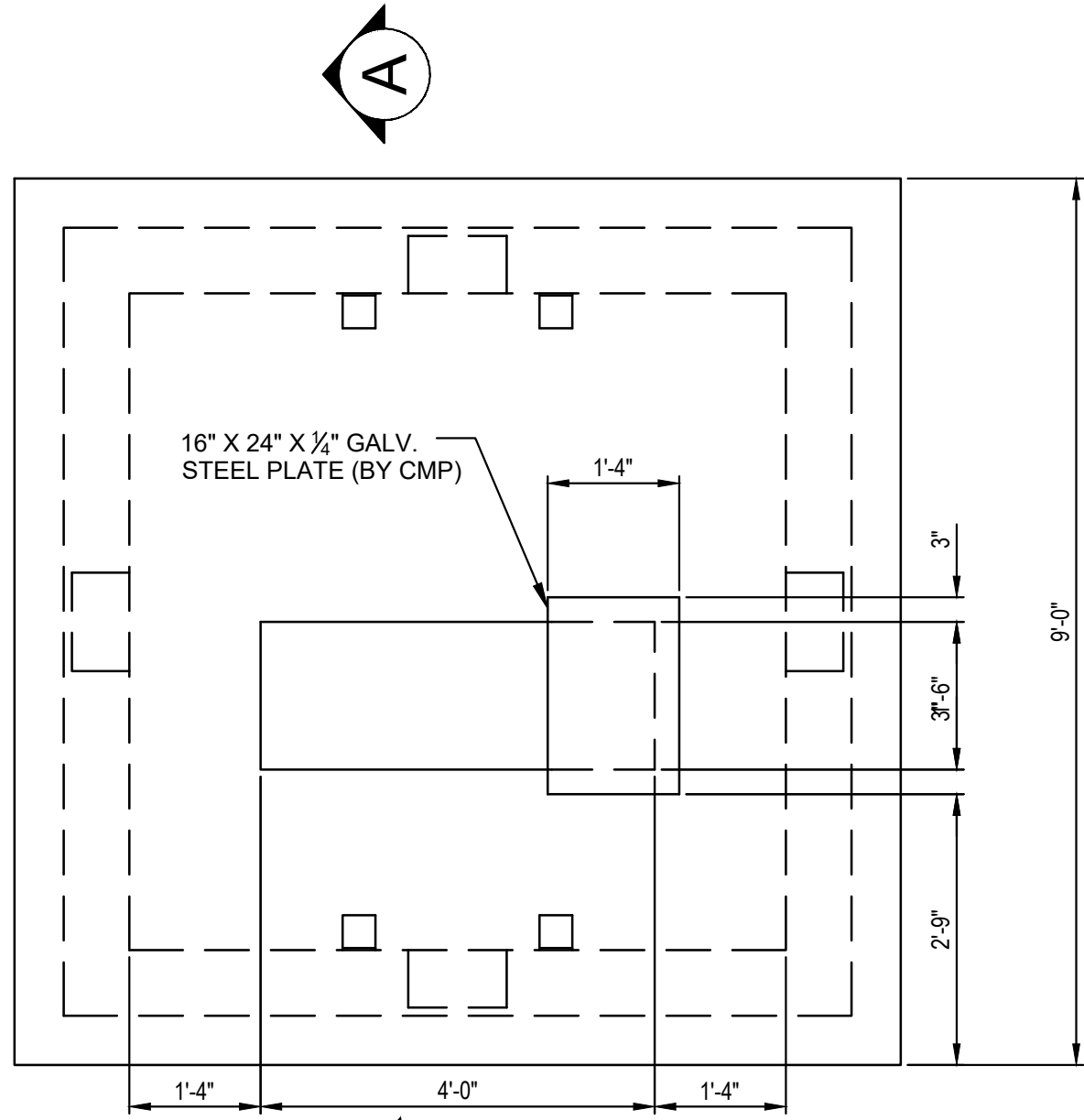


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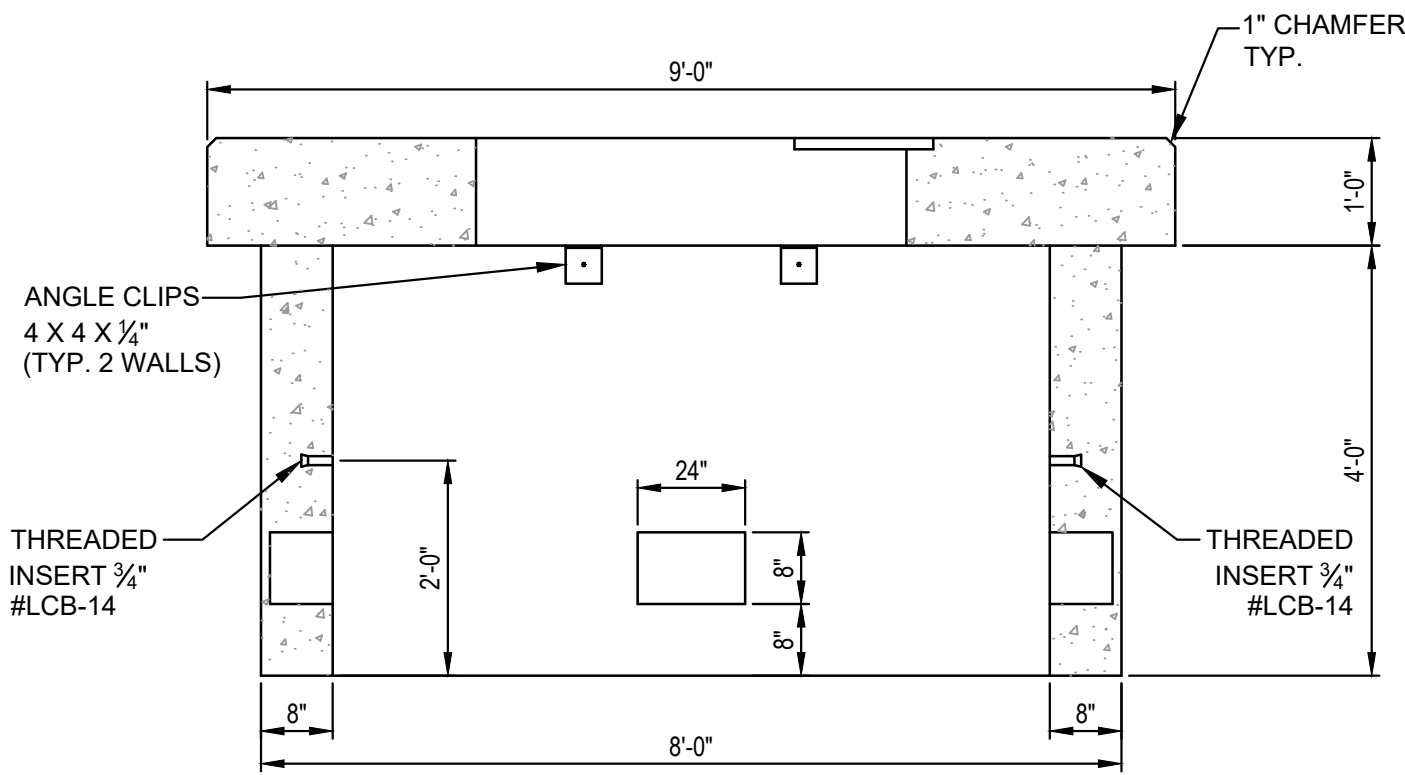
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Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

Drawing No.	C110
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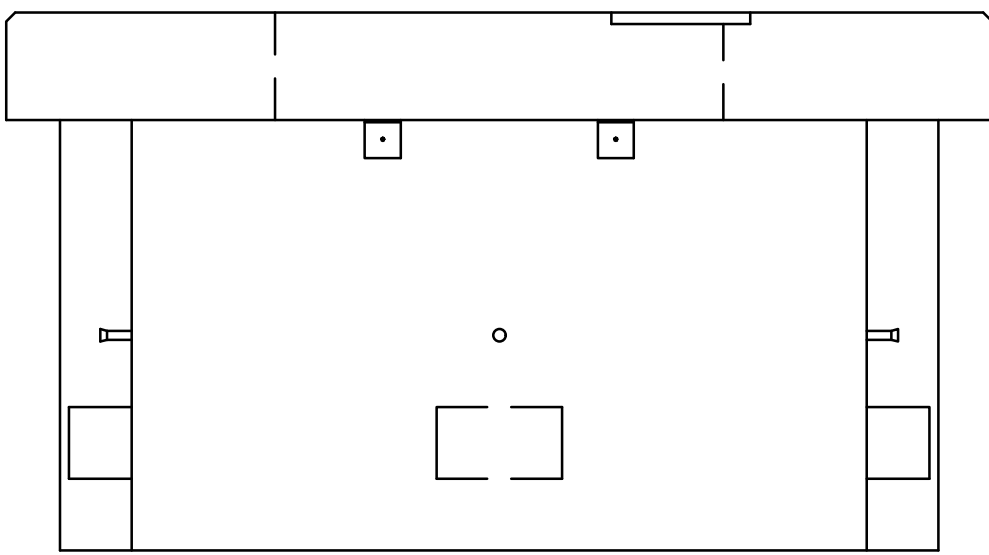
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PLAN VIEW



SECTION VIEW



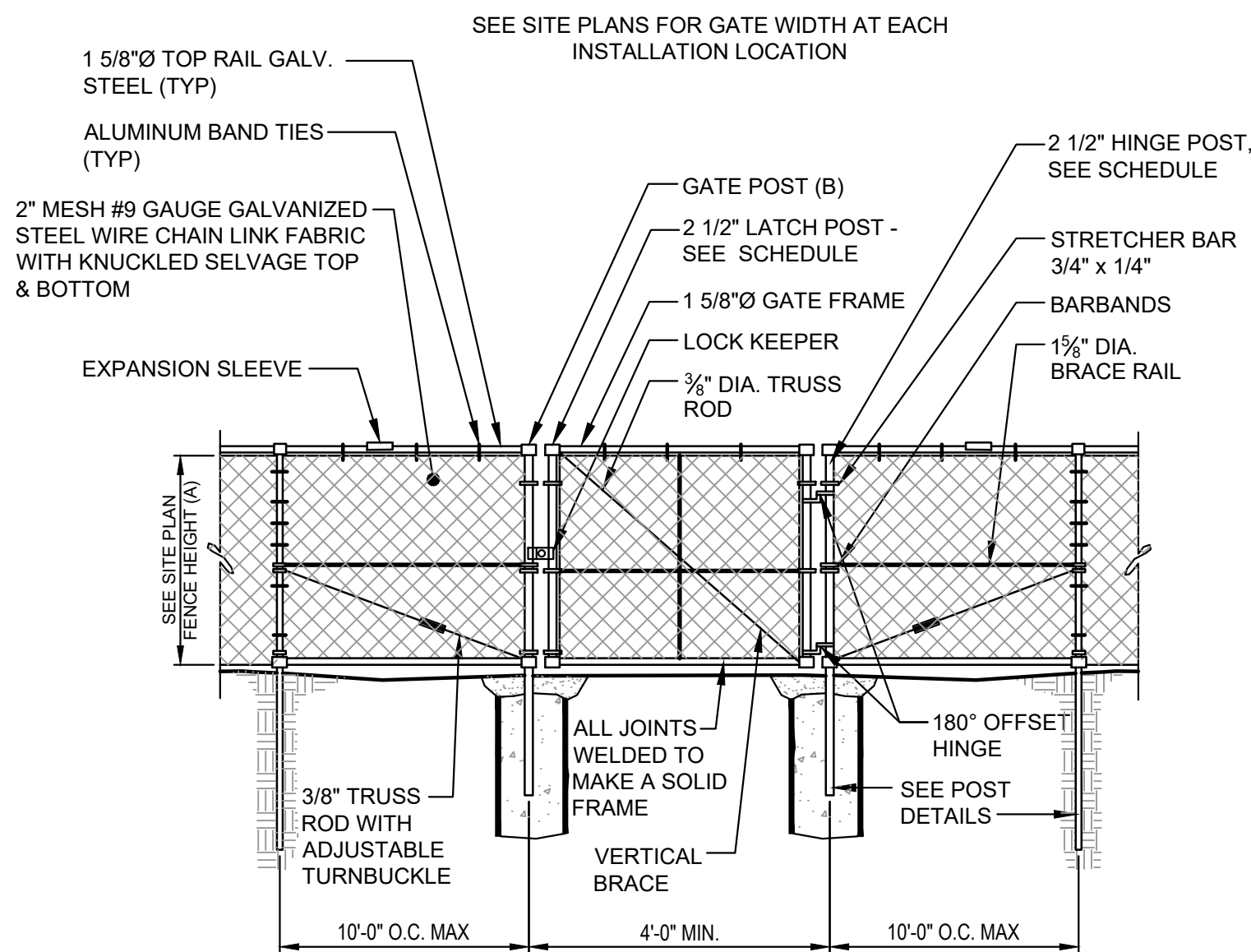
END VIEW

NOTES:

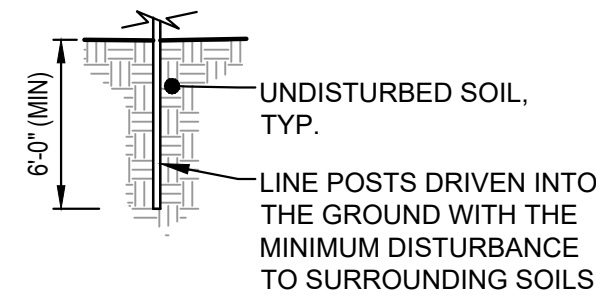
1. CONCRETE MINIMUM COMPRESSIVE STRENGTH 4,000 PSI @ 28 DAYS WITH STEEL REINFORCEMENT.
2. AS PER CENTRAL MAINE POWER COMPANY SPECIFICATIONS.
3. ONE 8" x 24" KNOCKOUT PROVIDED EACH WALL.
4. FOR 750 - 5000 KVA THREE PHASE TRANSFORMER.
5. FINISH GRADE SHALL BE GRADED TO ALLOW SURFACE WATER TO FLOW AWAY FROM THE PAD.

9'-0" TRANSFORMER PAD

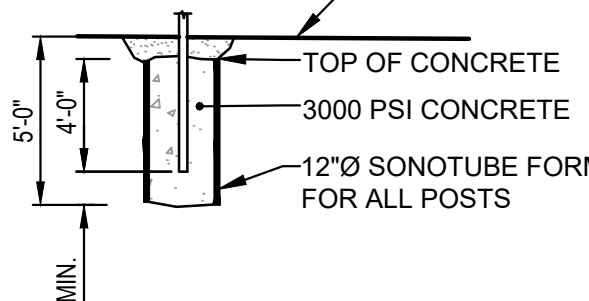
NOT TO SCALE



4' WIDE PEDESTRIAN SINGLE SWING GATE (WHERE SHOWN ON PLANS)



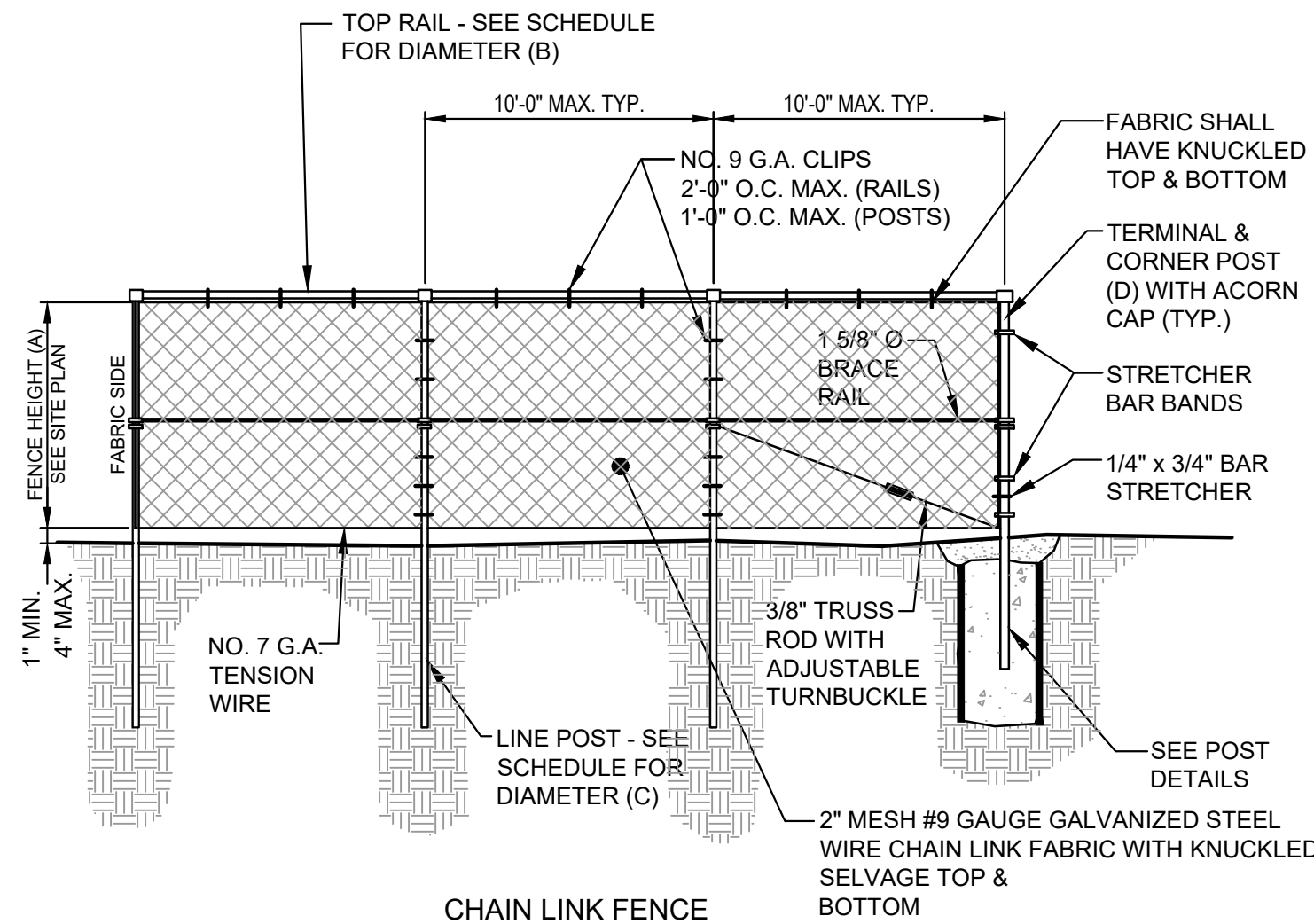
INTERMEDIARY LINE POST DETAIL



TERMINAL, CORNER & GATE POST DETAIL

CHAIN LINK FENCE INSTALLATION SCHEDULE			
FENCE HEIGHT (A)	TOP RAIL PIPE DIA. (B)	LINE POST PIPE DIA. (C)	CORNER, TERMINAL & GATE POST PIPE DIA. (D)
4'	1.66"	1.90"	2.375"
6'	1.66"	1.90"	2.375"
8'	1.66"	2.375"	2.875"
10'	1.66"	2.875"	2.875"

SINGLE SWINGING GATE INSTALLATION SCHEDULE	
FENCE HEIGHT (A)	GATE POST PIPE DIA. (B)
4'	2.875"
6'	2.875"
8'	4.000"
10'	4.000"



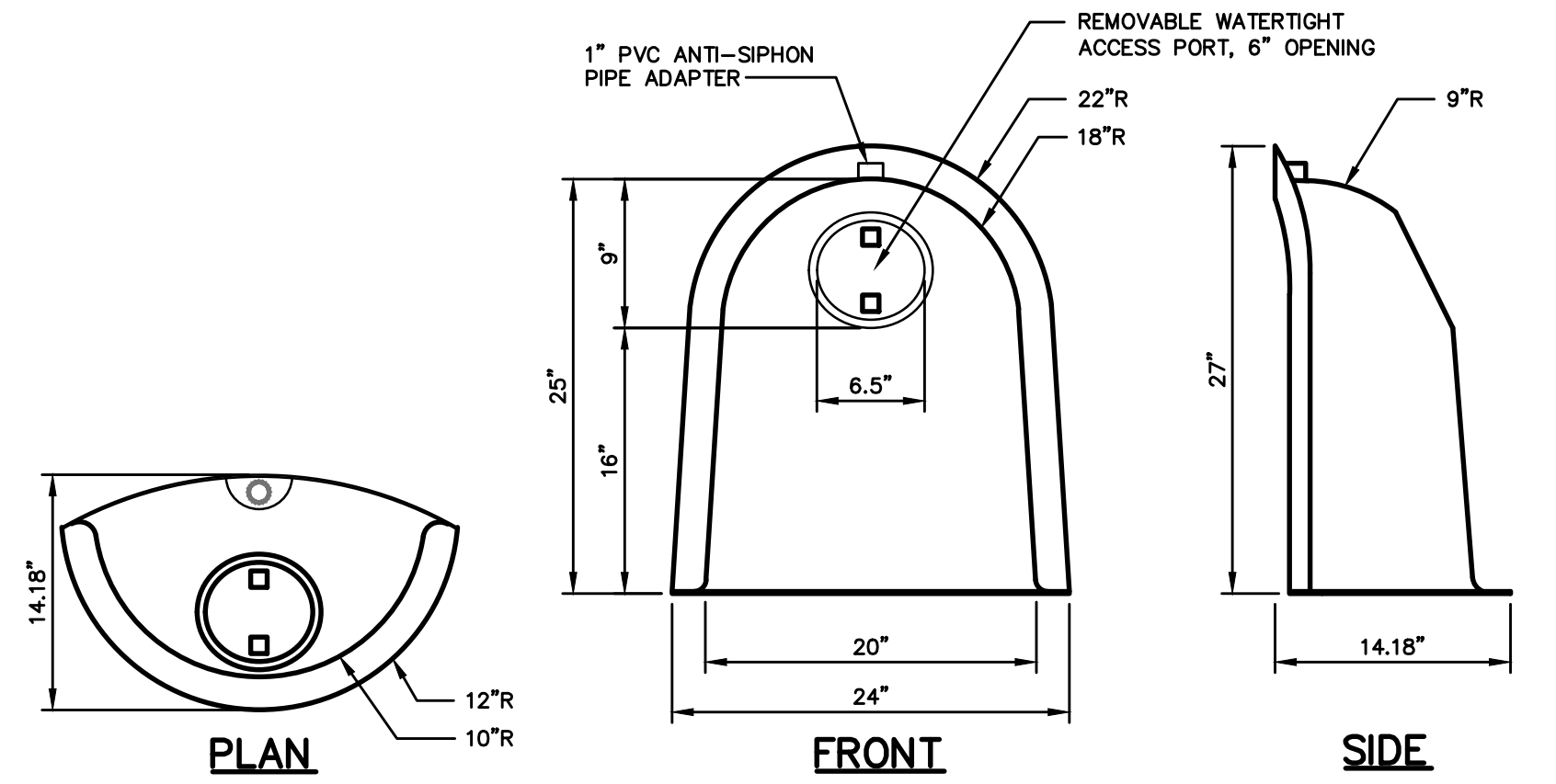
CHAIN LINK FENCE

NOTES:

1. DIMENSIONS FOR PIPE DIAMETERS ARE NOMINAL OUTSIDE DIAMETERS.
2. REFER TO PLANS FOR LOCATION & HEIGHT OF FENCES TO BE INSTALLED.

GALVANIZED CHAIN LINK FENCE DETAILS

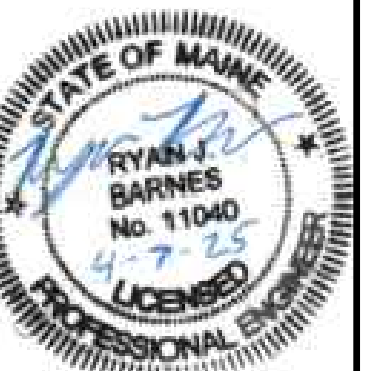
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"THE SNOOT"

NOT TO SCALE

NOTE:
FOR USE ON CATCH BASIN OUTLET
18" IN DIAMETER AND LESS



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Design: TAL	Draft: GJH	Date: APRIL 2025
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File Name: 4319-DETAILS.dwg		
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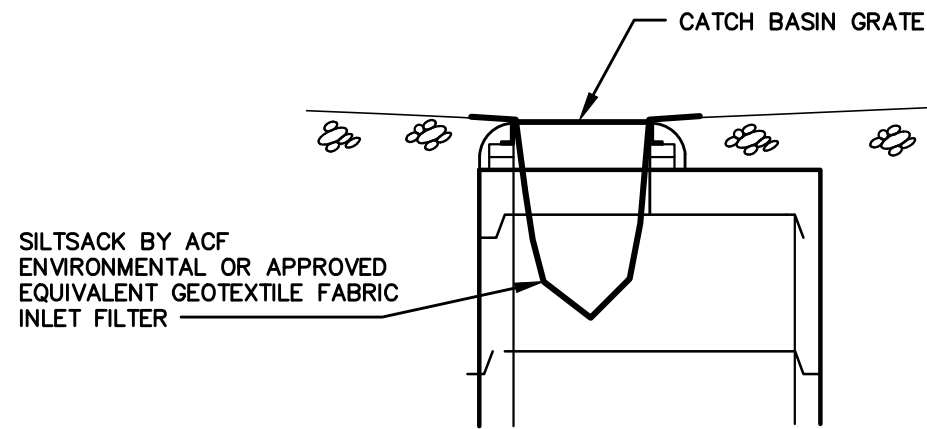


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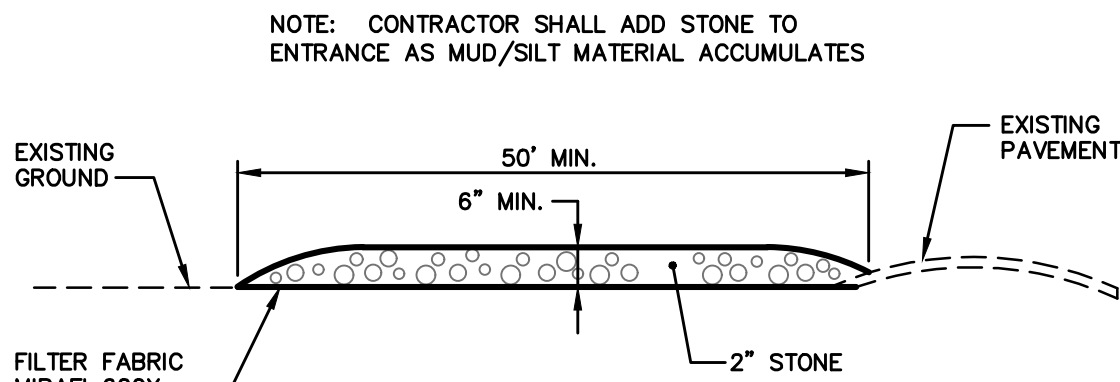
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Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

Drawing No.	C111
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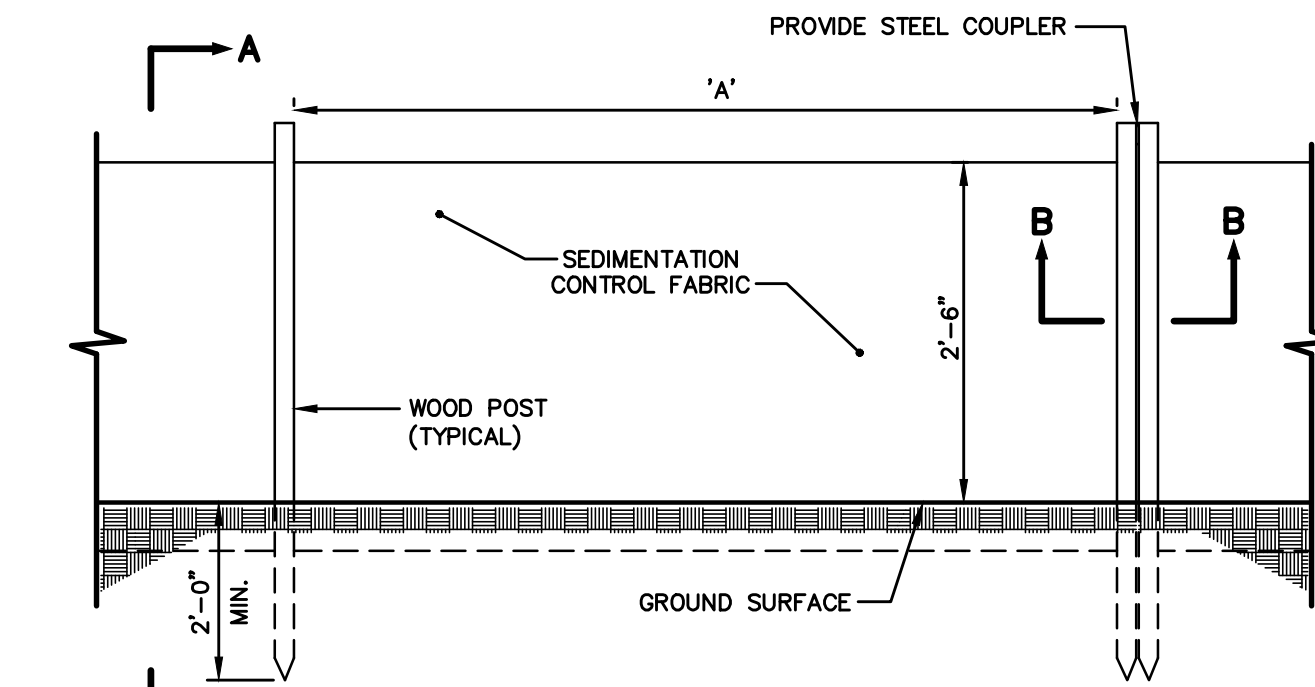
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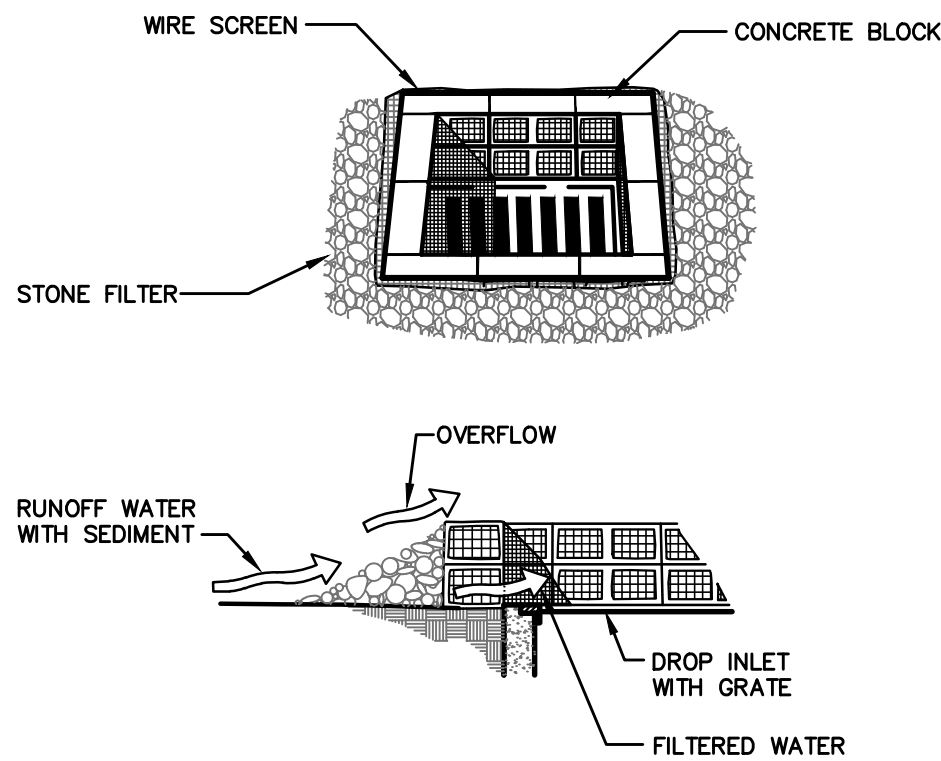
CATCH BASIN INLET FILTER
NOT TO SCALE



SECTION
PLAN VIEW
STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

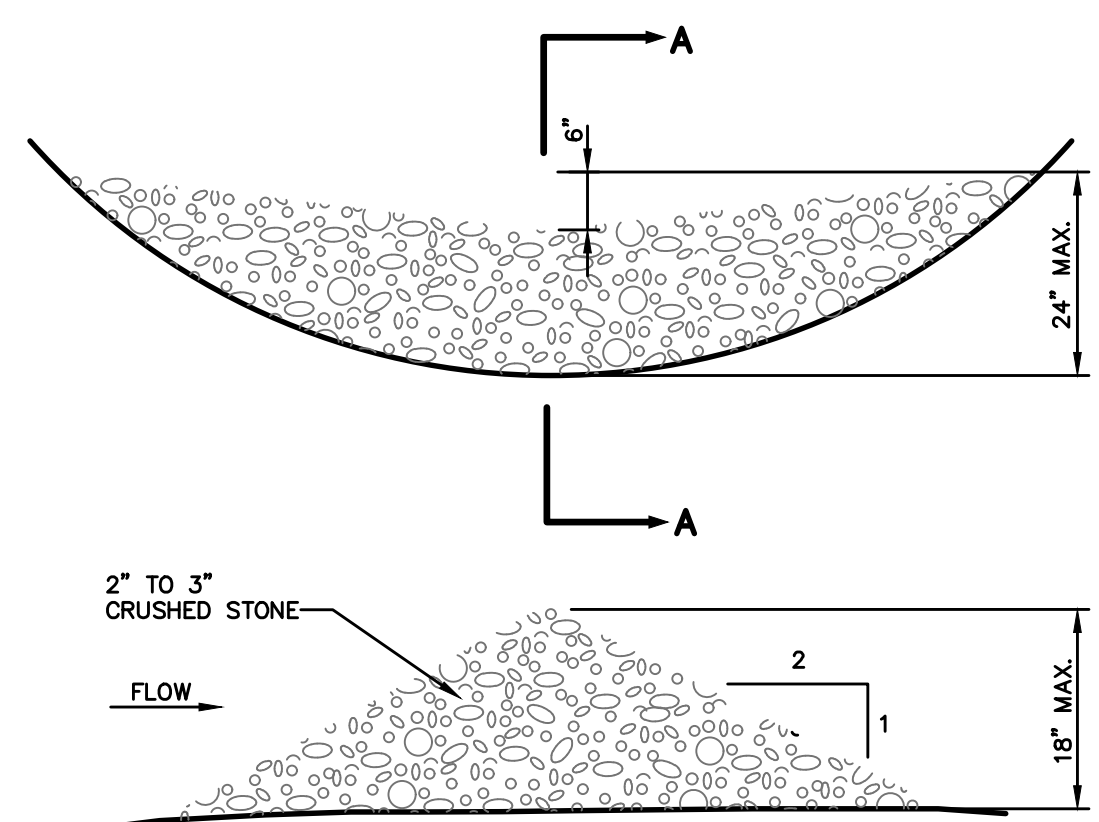


ELEVATION VIEW
SECTION B-B
SECTION A-A
SILTATION FENCE
NOT TO SCALE



SPECIFIC APPLICATION
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE.
NOTES:
1. PLACE CONCRETE BLOCKS LENGTHWISE ON THEIR SIDES IN A SINGLE ROW AROUND THE PERIMETER OF THE INLET, WITH THE ENDS OF ADJACENT BLOCKS ABUTTING. THE HEIGHT OF THE BARRIER CAN BE VARIED, DEPENDING ON DESIGN NEEDS, BY STACKING COMBINATIONS OF 4", 8" AND 12" WIDE BLOCKS. THE BARRIER OF BLOCKS SHALL BE AT LEAST 12 INCHES HIGH, AND NO GREATER THAN 24" HIGH.
2. WIRE MESH SHALL BE PLACED OVER THE OUTSIDE VERTICAL FACE (WEBBING) OF THE CONCRETE BLOCKS TO PREVENT STONE FROM BEING WASHED THROUGH THE HOLES IN THE BLOCKS. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2" OPENINGS SHALL BE USED.
3. STONE SHALL BE PILED AGAINST THE WIRE TO THE TOP OF THE BLOCK BARRIER, AS SHOWN IN DETAIL. THE STONE FILTER SHALL BE 3/4" CRUSHED STONE.
4. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT, SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONE MUST BE PULLED AWAY FROM THE BLOCKS, CLEANED AND REPLACED.

STONE SEDIMENT BARRIER
NOT TO SCALE

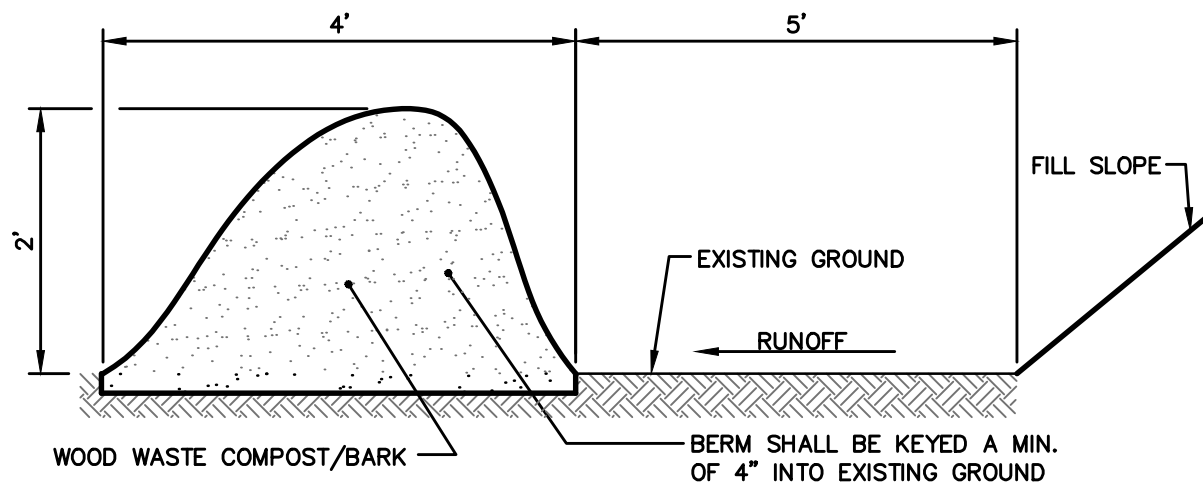


SECTION A-A
SPACING BETWEEN CHECK DAMS

S_o (FT./FT.)	(FT.)
0.020	75
0.030	50
0.040	40
0.050	30
0.060	20
0.100	10

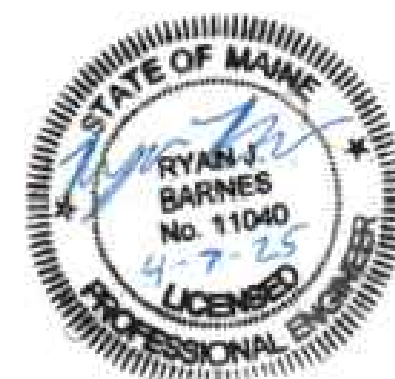
STONE CHECK DAM
NOT TO SCALE

- NOTES:**
1. THE WOOD WASTE COMPOST/BARK MIX SHALL CONFORM TO THE FOLLOWING STANDARDS:
A. MOISTURE CONTENT - 30-60%
B. pH - 5.0 - 8.0.
C. SCREEN SIZE - 100% LESS THAN 3", MAX. 70% LESS THAN 1".
D. NO LESS THAN 40% ORGANIC MATERIAL (DRY WEIGHT) BY LOSS OF IGNITION.
E. NO STONES LARGER THAN 2" IN DIAMETER.
F. SILTS, CLAYS OR SUGAR SANDS ARE NOT ACCEPTABLE IN THE MIX.
 2. THE COMPOST BERM SHALL BE PLACED, UNCOMPACTED, ALONG A RELATIVELY LEVEL CONTOUR.
 3. THE WOOD WASTE COMPOST/BARK FILTER BERM MAY BE USED IN LIEU OF SILTATION FENCE, AT THE TOE OF SHALLOW SLOPES, ON FROZEN GROUND, LEDGE OUT CROPS, VERY ROOTED FORESTED AREA OR AT THE EDGE OF GRAVEL PARKING AREAS.
 4. BERMS SHALL REMAIN IN PLACE UNTIL UPSTREAM AREA IS COMPLETED OR 70% CATCH OF VEGETATION IS ATTAINED. BERMS SHALL BE REMOVED BY SPREADING SUCH THAT NATIVE EARTH CAN BE SEEN BELOW.
 5. WOODWASTE COMPOST BARK FILTER SHALL NOT BE USED IN WETLAND AREAS.



**WOOD WASTE COMPOST/BARK
FILTER BERM DETAIL**
NOT TO SCALE

NOTE: THIS PLAN SET IS ISSUED FOR PERMITTING PURPOSES AND SHALL NOT BE USED FOR CONSTRUCTION.



Rev.	Date	Revision

PERMITTING	4/4/25	RJB
Issued For	Date	By

Design: TAL	Draft: GJH	Date: APRIL 2025
Checked: RJB	Scale: NTS	Job No.: 4319
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Drawing Name:	Erosion Control Details
Project:	Bath Fire Headquarters 826 High Street, Bath, ME 04530
Client:	Context Architecture 65 Franklin Street, Boston, MA 02110

Drawing No.

C112

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1.3.5 EROSION CONTROL MEASURES AND SITE STABILIZATION

THE PRIMARY EMPHASIS OF THE EROSION/SEDIMENTATION CONTROL PLAN, WHICH WILL BE IMPLEMENTED FOR THIS PROJECT, IS AS FOLLOWS:

- DEVELOPMENT OF A CAREFUL CONSTRUCTION SEQUENCE.
- RAPID REVEGETATION OF DENUDED AREAS TO MINIMIZE THE PERIOD OF SOIL EXPOSURE.
- RAPID STABILIZATION OF DRAINAGE PATHS TO AVOID RILL AND GULLY EROSION.
- THE USE OF ON-SITE MEASURES TO CAPTURE SEDIMENT (HAY BALES/ STONE CHECK DAMS/SILT FENCE, ETC.)

THE FOLLOWING TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL DEVICES WILL BE IMPLEMENTED AS PART OF THE SITE DEVELOPMENT. THESE DEVICES SHALL BE INSTALLED AS INDICATED ON THE PLANS OR AS DESCRIBED WITHIN THIS REPORT. FOR FURTHER REFERENCE, SEE THE LATEST EDITION OF THE MAINE EROSION AND SEDIMENT CONTROL PRACTICES FIELD GUIDE FOR CONTRACTORS.

A. DEWATERING

WATER FROM CONSTRUCTION TRENCH DEWATERING SHALL PASS FIRST THROUGH A FILTER BAG OR SECONDARY CONTAINMENT STRUCTURE (E.G. HAY BALE LINED POOL) PRIOR TO DISCHARGE. THE DISCHARGE SITE SHALL BE SELECTED TO AVOID FLOODING, ICING, AND SEDIMENT DISCHARGES TO A PROTECTED RESOURCE. IN NO CASE SHALL THE FILTER BAG OR CONTAINMENT STRUCTURE BE LOCATED WITHIN 50 FEET OF A PROTECTED NATURAL RESOURCE. DEWATERING DISCHARGE SHALL NOT BE DIRECTED ACROSS ADJACENT PROPERTIES IN A CONCENTRATED MANNER.

B. INSPECTION AND MONITORING

MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, THE SITE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO INSURE THEIR CONTINUOUS FUNCTION. FOLLOWING THE TEMPORARY AND/OR FINAL SEEDING AND MULCHING, THE CONTRACTOR SHALL IN THE SPRING INSPECT AND REPAIR ANY DAMAGES AND/OR UNESTABLISHED SPOTS. ESTABLISHED VEGETATIVE COVER MEANS A MINIMUM OF 90% OF AREAS VEGETATED WITH VIGOROUS GROWTH.

THE FOLLOWING STANDARDS MUST BE MET DURING CONSTRUCTION.

(a) INSPECTION AND CORRECTIVE ACTION. INSPECT DISTURBED AND IMPERVIOUS AREAS. EROSION CONTROL MEASURES, MATERIALS STORAGE AREAS THAT ARE EXPOSED TO PRECIPITATION, AND LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE. INSPECT THESE AREAS AT LEAST ONCE A WEEK AS WELL AS BEFORE AND WITHIN 24 HOURS AFTER A STORM EVENT (RAINFALL), AND PRIOR TO COMPLETING PERMANENT STABILIZATION MEASURES. A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROL, INCLUDING THE STANDARDS AND CONDITIONS IN THE PERMIT, SHALL CONDUCT THE INSPECTIONS.

(b) MAINTENANCE. IF BEST MANAGEMENT PRACTICES (BMPs) NEED TO BE REPAIRED, THE REPAIR WORK SHOULD BE INITIATED UPON DISCOVERY OF THE PROBLEM BUT NO LATER THAN THE END OF THE NEXT WORKDAY. IF ADDITIONAL BMPs OR SIGNIFICANT REPAIR OF BMPs ARE NECESSARY, IMPLEMENTATION MUST BE COMPLETED WITHIN 7 CALENDAR DAYS AND PRIOR TO ANY STORM EVENT (RAINFALL). ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.

(c) DOCUMENTATION. KEEP A LOG (REPORT) SUMMARIZING THE INSPECTIONS AND ANY CORRECTIVE ACTION TAKEN. THE LOG MUST INCLUDE THE NAME(S) AND QUALIFICATIONS OF THE PERSON MAKING THE INSPECTIONS, THE DATE(S) OF THE INSPECTIONS, AND MAJOR OBSERVATIONS ABOUT THE OPERATION AND MAINTENANCE OF EROSION AND SEDIMENTATION CONTROLS, MATERIALS STORAGE AREAS, AND VEHICLES ACCESS POINTS TO THE PARCEL. MAJOR OBSERVATIONS MUST INCLUDE BMPs THAT NEED MAINTENANCE, BMPs THAT FAILED TO OPERATE AS DESIGNED OR PROVED INADEQUATE FOR A PARTICULAR LOCATION, AND LOCATION(S) WHERE ADDITIONAL BMPs ARE NEEDED. FOR EACH BMP REQUIRING MAINTENANCE, BMP NEEDING REPLACEMENT, AND LOCATION NEEDING ADDITIONAL BMPs, NOTE IN THE LOG THE CORRECTIVE ACTION TAKEN AND WHEN IT WAS TAKEN.

THE LOG MUST BE MADE ACCESSIBLE TO DEPARTMENT STAFF AND A COPY MUST BE PROVIDED UPON REQUEST. THE PERMITTEE SHALL RETAIN A COPY OF THE LOG FOR A PERIOD OF AT LEAST THREE YEARS FROM THE COMPLETION OF PERMANENT STABILIZATION.

C. TEMPORARY EROSION CONTROL MEASURES

TEMPORARY EROSION CONTROL MEASURES SHALL BE INSTALLED BY THE CONTRACTOR AS REQUIRED BY THIS REPORT AND AS SHOWN ON THE PLAN SET FOR THE PROJECT. ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED IF DEMED NECESSARY BY ON-SITE INSPECTIONS OF THE OWNER, MDEP, OR THEIR REPRESENTATIVES AT NO ADDITIONAL COST TO THE OWNER.

THE FOLLOWING MEASURES ARE PLANNED AS TEMPORARY EROSION/SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION:

1. SILTATION FENCE OR WOOD WASTE COMPOST BERMS SHALL BE INSTALLED DOWNSTREAM OF ANY DISTURBED AREAS TO TRAP RUNOFF-- BORNE SEDIMENTS UNTIL GRASS AREAS ARE REVEGETATED. THE SILT FENCE AND/OR WOOD WASTE COMPOST BERMS SHALL BE INSTALLED PER THE DETAILS PROVIDED IN THIS PACKAGE AND INSPECTED AT LEAST ONCE A WEEK AND BEFORE AND IMMEDIATELY AFTER A STORM EVENT OF 0.5 INCHES OR GREATER, AND AT LEAST DAILY DURING PROLONGED RAINFALL. REPAIRS SHALL BE MADE IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THE FENCE OR BERM LINE. IF THERE ARE SIGNS UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPOUNDING OF LARGE VOLUMES OF WATER BEHIND THE FENCE OR BERM, THE BARRIER SHALL BE REPLACED WITH A STONE CHECK DAM. WOOD WASTE COMPOST BERMS ARE NOT TO BE USED ADJACENT TO WETLAND AREAS THAT ARE NOT TO BE DISTURBED.

2. STRAW OR HAY MULCH INCLUDING HYDROSEEDING IS INTENDED TO PROVIDE COVER FOR DENUDED OR SEEDED AREAS UNTIL REVEGETATION IS ESTABLISHED. MULCH PLACED BETWEEN APRIL 15TH AND OCTOBER 15TH ON SLOPES OF LESS THAN 15 PERCENT SHALL BE ANCHORED BY APPLYING WATER. MULCH PLACED ON SLOPES OF EQUAL TO OR STEEPER THAN 15 PERCENT SHALL BE COVERED BY A FABRIC NETTING AND ANCHORED WITH STAPLES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. FABRIC NETTING AND STAPLES SHALL BE USED ON DISTURBED AREAS WITHIN 50' OF LAKES, STREAMS, AND WETLANDS REGARDLESS OF THE UPSTREAM SLOPE. MULCH PLACED BETWEEN OCTOBER 15TH AND APRIL 15TH ON SLOPES EQUAL TO OR STEEPER THAN 8 PERCENT SHALL BE COVERED WITHING MANUFACTURER'S RECOMMENDATIONS. SLOPES STEEPER THAN 3:1 AND EQUAL TO OR FLATTER THAN 2:1, WHICH ARE TO BE REVEGETATED, SHALL RECEIVE CURLEX BLANKETS BY AMERICAN EXCELSIOR OR EQUAL. SLOPES STEEPER THAN 2:1 SHALL RECEIVE RIPRAP AS NOTED ON THE PLANS. THE MULCH APPLICATION RATE FOR BOTH TEMPORARY AND PERMANENT SEEDING IS 75 LBS PER 1000 SF AS IDENTIFIED IN SEEDING PLAN. MULCH SHALL NOT BE PLACED OVER SNOW.

3. TEMPORARY STOCKPILES OF STUMPS, GRUBBINGS, OR COMMON EXCAVATION WILL BE PROTECTED AS FOLLOWS:

a) TEMPORARY STOCKPILES SHALL NOT BE LOCATED WITHIN 100 FEET OF ANY WETLANDS WHICH WILL NOT BE DISTURBED AND SHALL BE LOCATED AWAY FROM DRAINAGE SWALES.

b) STOCKPILES SHALL BE STABILIZED WITHIN 7 DAYS BY EITHER TEMPORARILY SEEDING THE STOCKPILE BY A HYDROSEED METHOD CONTAINING AN EMULSIFIED MULCH TACKIFIER OR BY COVERING THE STOCKPILE WITH MULCH, SUCH AS HAY, STRAW, OR EROSION CONTROL MIX.

c) STOCKPILES SHALL BE SURROUNDED BY SEDIMENTATION BARRIER AT THE TIME OF FORMATION.

4. ALL DENUDED AREAS THAT ARE WITHIN 100 FEET OF AN UNDISTURBED WETLAND, WHICH HAVE BEEN ROUGH GRADED AND ARE NOT PROTECTED BY A BUILDING OR SUBGRADE, SHALL BE COVERED WITH A SILT FENCE OR EROSION CONTROL MIX. THE BARRIERS SHALL BE MESH FABRIC WITHIN 48 HOURS OF INITIAL DISTURBANCE OF SOIL. ALL AREAS WITHIN 100 FEET OF AN UNDISTURBED WETLAND SHALL BE MULCHED PRIOR TO ANY PREDICTED RAIN EVENT REGARDLESS OF THE 48 HOUR WINDOW. IN OTHER AREAS, THE TIME PERIOD MAY BE EXTENDED TO 7 DAYS.

5. FOR WORK, WHICH IS CONDUCTED BETWEEN OCTOBER 15TH/ AND APRIL 15TH/ OF ANY CALENDAR YEAR, ALL DENUDED AREAS, SHALL BE COVERED WITH HAY MULCH OR EROSION CONTROL MIX, APPLIED AT TWICE THE NORMAL APPLICATION RATE AND ANCHORED WITH A FABRIC NETTING. THE TIME PERIOD FOR APPLYING MULCH SHALL BE LIMITED TO 2 DAYS FOR ALL AREAS.

6. MOLLISON WAY SHALL BE SWEEPED TO CONTROL MUD AND DUST AS NECESSARY.

7. DURING GRUBBING OPERATIONS STONE CHECK DAMS SHALL BE INSTALLED AT ANY EVIDENT CONCENTRATED FLOW DISCHARGE POINTS AND AS DIRECTED ON THE EROSION CONTROL PLANS.

8. SILT FENCING WITH A MINIMUM STAKE SPACING OF 6 FEET SHALL BE USED, UNLESS THE FENCE IS SUPPORTED BY WIRE FENCE REINFORCEMENT OF MINIMUM 14 GAUGE AND WITH A MAXIMUM MESH SPACING OF 6 INCHES, IN WHICH CASE STAKES MAY BE SPACED A MAXIMUM OF 10 FEET APART. THE BOTTOM OF THE FENCE SHALL BE ANCHORED. A DOUBLE ROW OF SILT FENCE SHALL BE USED ADJACENT TO WETLANDS.

9. WOOD WASTE COMPOST/BARK BERMS MAY BE USED IN LIEU OF SILTATION FENCING. BERMS SHALL BE REMOVED AND SPREAD IN A LAYER NOT TO EXCEED 3 THICK-ONCE UPSTREAM AREAS ARE COMPLETED AND A 90% CATCH OF VEGETATION IS ATTAINED.

10. STORM DRAIN CATCH BASIN INLET PROTECTION SHALL BE PROVIDED THROUGH THE USE OF STONE SEDIMENT BARRIERS OR APPROVED SEDIMENT BAGS (SUCH AS SILT SACK). INSTALLATION DETAILS ARE PROVIDED IN THE PLAN SET. THE BARRIERS SHALL BE INSPECTED AFTER EACH RAINFALL AND REPAIRS MADE AS NECESSARY. SEDIMENT SHALL BE REMOVED AND THE BARRIER RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE BARRIER. THE BARRIER SHALL BE REMOVED WHEN THE TRIBUTARY DRAINAGE AREA HAS BEEN STABILIZED.

11. WATER AND/OR CALCIUM CHLORIDE SHALL BE FURNISHED AND APPLIED IN ACCORDANCE WITH MDOT SPECIFICATIONS - SECTION 637 - DUST CONTROL.

12. LOAM AND SEED IS INTENDED TO SERVE AS THE PRIMARY PERMANENT REVEGETATIVE MEASURE FOR ALL DENUDED AREAS NOT PROVIDED WITH OTHER EROSION CONTROL MEASURES, SUCH AS RIPRAP. APPLICATION RATES ARE PROVIDED IN THE SEEDING PLAN. SEEDING SHALL NOT OCCUR OVER SNOW.

D. PERMANENT EROSION CONTROL MEASURES

THE FOLLOWING PERMANENT EROSION CONTROL MEASURES HAVE BEEN DESIGNED AS PART OF THE EROSION/SEDIMENTATION CONTROL PLAN:

1. ALL AREAS DISTURBED DURING CONSTRUCTION, BUT NOT SUBJECT TO OTHER RESTORATION (PAVING, RIPRAP, ETC.) WILL BE LOAMED, LINED, FERTILIZED, MULCHED, AND SEEDED. FABRIC NETTING, ANCHORED WITH STAPLES, SHALL BE PLACED OVER THE MULCH IN AREAS AS NOTED IN TEMPORARY EROSION CONTROL MEASURES PARAGRAPH 3 OF THIS REPORT. ALL AREAS WITHIN 100 FEET OF AN UNDISTURBED WETLAND SHALL BE MULCHED PRIOR TO ANY PREDICTED RAIN EVENT REGARDLESS OF THE 48 HOUR WINDOW. NATIVE TOPSOIL SHALL BE STOCKPILED AND REUSED FOR FINAL RESTORATION WHEN IT IS OF SUFFICIENT QUALITY.

2. ALL STORM DRAIN PIPE OUTLETS SHALL HAVE RIPRAP APRONS AT THEIR OUTLET TO PROTECT THE OUTLET AND RECEIVING CHANNEL FROM SCOUR AND DETRIORATION. INSTALLATION DETAILS ARE PROVIDED IN THE PLAN SET. THE APRONS SHALL BE INSTALLED AND STABILIZED TO THE EXTENT PRACTICABLE PRIOR TO DIRECTING RUNOFF TO THE TRIBUTARY PIPE OR CULVERT.

1.4 IMPLEMENTATION SCHEDULE

THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE REQUIRED TO ENSURE THE EFFECTIVENESS OF THE EROSION AND SEDIMENTATION CONTROL MEASURES ARE OPTIMIZED:

IT IS ANTICIPATED THAT CONSTRUCTION OF THE FIRE STATION, ROADWAY, AND RELATED INFRASTRUCTURE WILL COMMENCE IN FALL OF 2025 AND BE COMPLETED BY FALL OF 2026.

NOTE: FOR ALL GRADING ACTIVITIES, THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION NOT TO OVEREXPOSE THE SITE, THIS SHALL BE ACCOMPLISHED BY LIMITING THE DISTURBED AREA.

1. INSTALL STABILIZED CONSTRUCTION ENTRANCE AT THE EXISTING ACCESS DRIVE OR AT THE INTERSECTION WITH MOLLISON WAY AS APPLICABLE TO PREVENT TRACKING OF SOIL ONTO THE PAVED SURFACE.

2. INSTALL PERIMETER SILT FENCE AND/OR WOOD WASTE BERMS PRIOR TO GRUBBING RESPECTIVE AREAS.

3. CLEAR AND GRUB SITE. INSTALL STONE CHECK DAMS AT ANY EVIDENT CONCENTRATED FLOW DISCHARGE POINTS.

4. FOUNDATION PREPARATION AREA SHALL BE EXCAVATED FOR INSTALLATION OF THE BUILDING FOOTINGS. BUILDING WORK WILL BE ONGOING THROUGH THE REMAINDER OF THE PROJECT.

5. COMMENCE INSTALLATION OF DRAINAGE APPURTENANCES.

6. COMMENCE INSTALLATION OF WATER AND SEWER LINES.

7. COMMENCE EARTHWORK AND GRADING TO SUBGRADE AS NECESSARY FOR CONSTRUCTION.

8. COMPLETE INSTALLATION OF UNDERGROUND UTILITIES TO WITHIN 5' OF THE BUILDINGS.

9. INSTALL LIGHT POLE FOUNDATIONS AND LIGHT POLES.

10. COMPLETE REMAINING EARTHWORK OPERATIONS.

11. COMPLETE INSTALLATION OF CATCH BASINS AND APPURTENANCES.

12. INSTALL SUB-BASE AND BASE GRAVEL WITHIN PARKING FIELDS, WALKWAYS, AND DRIVEWAYS.

13. INSTALL CURBING AS NEEDED.

14. INSTALL BASE COURSE PAVING AS WELL AS CONCRETE SURFACES.

15. LOAM, LIME, FERTILIZE, SEED AND MULCH DISTURBED AREAS AND COMPLETE ALL LANDSCAPING.

16. INSTALL SURFACE COURSE PAVING. STRIPE PER PLAN.

17. ONCE THE SITE IS STABILIZED AND A 90% CATCH OF VEGETATION HAS BEEN OBTAINED, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

18. TOUCH UP LOAM AND SEED.

NOTE: ALL DENUDED AREAS NOT SUBJECT TO FINAL PAVING, RIPRAP, OR GRAVEL SHALL BE REVEGETATED.

PRIOR TO CONSTRUCTION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT TO THE OWNER A SCHEDULE FOR THE COMPLETION OF THE WORK, WHICH WILL SATISFY THE FOLLOWING CRITERIA:

1. THE ABOVE CONSTRUCTION SEQUENCE SHOULD GENERALLY BE COMPLETED IN THE SPECIFIED ORDER; HOWEVER, SEVERAL SEPARATE ITEMS MAY BE CONSTRUCTED SIMULTANEOUSLY. WORK MUST ALSO BE SCHEDULED OR PHASED TO REDUCE THE EXTENT OF THE EXPOSED AREAS AS SPECIFIED BELOW. THE INTENT OF THIS SEQUENCE IS TO PROVIDE FOR EROSION CONTROL, AND TO HAVE STRUCTURAL MEASURES SUCH AS SILT FENCE AND CONSTRUCTION ENTRANCES IN PLACE BEFORE LARGE AREAS OF LAND ARE DENUDED.

2. THE WORK SHALL BE CONDUCTED IN SECTIONS WHICH SHALL:

a) LIMIT THE AMOUNT OF EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS EXPECTED TO BE UNDERTAKEN DURING THE PROCEEDING 30 DAYS.

b) REVEGETATE DISTURBED AREAS AS RAPIDLY AS POSSIBLE. ALL AREAS SHALL BE PERMANENTLY STABILIZED WITHIN 7 DAYS OF FINAL GRADING OR BEFORE A STORM EVENT, OR TEMPORARILY STABILIZED WITHIN 48 HOURS OF INITIAL DISTURBANCE OF SOIL FOR AREAS WITHIN 100 FEET OF AN UNDISTURBED WETLAND AND 7 DAYS FOR ALL OTHER AREAS. AREAS WITHIN 100 FEET OF AN UNDISTURBED WETLAND SHALL BE MULCHED PRIOR TO ANY PREDICTED RAIN EVENT REGARDLESS OF THE 48 HOUR WINDOW.

c) INCORPORATE PLANNED INLETS AND DRAINAGE SYSTEM AS EARLY AS POSSIBLE INTO THE CONSTRUCTION PHASE. THE DITCHES SHALL BE IMMEDIATELY LINED OR REVEGETATED AS SOON AS THEIR INSTALLATION IS COMPLETE.

1.5 EROSION, SEDIMENTATION AND STABILIZATION CONTROL PLAN

THE EROSION CONTROL PLAN IS INCLUDED IN THE PLAN SET.

1.6 DETAILS AND SPECIFICATIONS

THE EROSION CONTROL DETAILS AND SPECIFICATIONS ARE INCLUDED IN THE PLAN SET.

1.7 WINTER STABILIZATION PLAN

THE WINTER CONSTRUCTION PERIOD IS FROM NOVEMBER 1 THROUGH APRIL 15. IF THE CONSTRUCTION SITE IS NOT STABILIZED WITH PAVEMENT, A ROAD GRAVEL BASE, 75% MATURE VEGETATION COVER OR RIPRAP BY NOVEMBER 15 THEN THE SITE NEEDS TO BE PROTECTED WITH OVER-WINTER STABILIZATION. AN AREA CONSIDERED OPEN IS ANY AREA NOT STABILIZED WITH PAVEMENT; VEGETATION, MULCHING, EROSION CONTROL MATS, RIPRAP OR GRAVEL BASE ON A ROAD.

WINTER EXCAVATION AND EARTHWORK SHALL BE COMPLETED SUCH THAT ANY AREA LEFT EXPOSED CAN BE CONTROLLED BY THE CONTRACTOR. LIMIT THE EXPOSED AREA TO THOSE AREAS IN WHICH WORK IS EXPECTED TO BE UNDER TAKEN DURING THE PROCEEDING 15 DAYS AND THAT CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.

ALL AREAS SHALL BE CONSIDERED TO BE DENUDED UNTIL THE SUBBASE GRAVEL IS INSTALLED IN ROADWAY/PARKING AREAS OR THE AREAS OF OPEN AREAS WITHIN 100 FEET OF AN UNDISTURBED WETLAND. LOAM AND SEED HAVE BEEN LOAMED, SEEDED AND MULCHED. HAY AND STRAW MULCH RATE SHALL BE A MINIMUM OF 150 LBS./1,000 S.F. (3 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED.

THE CONTRACTOR SHALL INSTALL ANY ADDED MEASURES WHICH MAY BE NECESSARY TO CONTROL EROSION/SEDIMENTATION FROM THE SITE DEPENDENT UPON THE 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.

1. SOIL STOCKPILES
STOCKPILES OF SOIL OR SUBSOIL SHALL BE MULCHED FOR OVER WINTER PROTECTION WITH HAY OR STRAW AT TWICE THE NORMAL RATE OR AT 150 LBS./1,000 S.F. (3 TONS PER ACRE) OR WITH A FOUR-INCH LAYER OF WOODWASTE EROSION CONTROL MIX. THIS SHALL BE DONE WITHIN 24 HOURS OF STOCKING AND RE-ESTABLISHED PRIOR TO ANY RAINFALL OR SNOWFALL. ANY SOIL STOCKPILE SHALL NOT BE PLACED (EVEN COVERED WITH HAY OR STRAW) WITHIN 100 FEET FROM ANY NATURAL RESOURCES.

2. NATURAL RESOURCE PROTECTION
ANY AREAS WITHIN 100 FEET OF ANY NATURAL RESOURCES, IF NOT STABILIZED WITH A MINIMUM OF 75% MATURE VEGETATION CATCH, SHALL BE MULCHED BY DECEMBER 1 AND ANCHORED WITH PLASTIC NETTING OR PROTECTED WITH EROSION CONTROL MATS. DURING WINTER CONSTRUCTION, A DOUBLE LINE OF SEDIMENT BARRIERS (I.E. SILT FENCE BACKED WITH HAY BALES OR EROSION CONTROL MIX) 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 FROM THE RESOURCE. EXISTING PROJECTS NOT STABILIZED BY DECEMBER 1 SHALL BE PROTECTED WITH THE SECOND LINE OF SEDIMENT BARRIER TO ENSURE FUNCTIONALITY DURING THE SPRING THAW AND RAINS.

3. SEDIMENT BARRIERS
DURING FROZEN CONDITIONS, SEDIMENT BARRIERS SHALL CONSIST OF WOODWASTE FILTER BERMS AS FROZEN SOIL PREVENTS THE PROPER INSTALLATION OF HAY BALES AND SEDIMENT SILT FENCES.

4. MULCHING
AN AREA SHALL BE CONSIDERED DENUDED UNTIL AREAS OF FUTURE LOAM AND SEED HAVE BEEN LOAMED, SEEDED AND MULCHED. HAY AND STRAW MULCH SHALL BE APPLIED AT A RATE OF 150 LB. PER 1,000 SQUARE FEET OR 3 TONS/ACRE (TWICE THE NORMAL ACCEPTED RATE OF 75-LBS./1,000 S.F. OR 1.5 TONS/ACRE) AND SHALL BE PROPERLY ANCHORED. MULCH SHALL NOT BE SPREAD ON TOP OF SNOW. THE SNOW SHALL BE REMOVED DOWN TO A ONE-INCH DEPTH OR LESS PRIOR TO APPLICATION. AFTER EACH DAY OF FINAL GRADING, THE AREA SHALL BE PROPERLY STABILIZED WITH ANCHORED HAY OR STRAW OR EROSION CONTROL MATTING. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW OR HAY AT A RATE OF 150 LB. PER 1,000 SQUARE FEET (3 TONS/ACRE) AND ADEQUATELY ANCHORED THAT GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH.

BETWEEN THE DATES OF NOVEMBER 1 AND APRIL 15, ALL MULCH SHALL BE ANCHORED BY PEG LINE, MULCH NETTING, ASPHALT EMULSION CHEMICAL, OR WOOD CELLULOSE FIBER. WHEN GROUND SURFACE IS NOT VISIBLE THROUGH THE MULCH THEN COVER IS SUFFICIENT. AFTER NOVEMBER 1ST/, MULCH AND ANCHORING OF ALL BARE SOIL SHALL OCCUR AT THE END OF EACH FINAL GRADING WORKDAY.

5. MULCHING ON SLOPES AND DITCHES
SLOPES SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME OF WORK SUSPENSION UNLESS FULLY MULCHED AND ANCHORED WITH PEG LINE AND STRAW OR WITH EROSION CONTROL BLANKETS. MULCHING SHALL BE APPLIED AT A RATE OF 230 LBS./1,000 S.F. ON ALL SLOPES GREATER THAN 8%.

MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GREATER THAN 8%. EROSION CONTROL BLANKETS SHALL BE USED IN LIEU OF MULCH IN ALL DRAINAGE WAYS WITH SLOPES GREATER THAN 8%. EROSION CONTROL MIX CAN BE USED TO SUBSTITUTE EROSION CONTROL BLANKETS ON ALL SLOPES EXCEPT DITCHES.

6. SEEDING
BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST/, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE FREEZING TEMPERATURES FINISHED AREAS SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST/ AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED. DORMANT SEEDING MAY BE SELECTED TO BE PLACED PRIOR TO THE PLACEMENT OF MULCH AND FABRIC NETTING ANCHORED WITH STAPLES. IF DORMANT SEEDING IS USED FOR THE SITE, ALL DISTURBED AREAS SHALL RECEIVE 4 LB OF LOAM AND SEED AT AN APPLICATION RATE OF 5 LB/1,000 S.F. ALL AREAS SEEDED DURING THE WINTER SHALL BE INSPECTED IN THE SPRING FOR ADEQUATE CATCH. ALL AREAS INSUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) SHALL BE REVEGETATED BY REPLACING LOAM, SEED AND MULCH. IF DORMANT SEEDING IS NOT USED FOR THE SITE, ALL DISTURBED AREAS SHALL BE REVEGETATED IN THE SPRING.

STANDARDS FOR TIMELY STABILIZATION OF CONSTRUCTION SITES DURING WINTER

1. STANDARD FOR THE TIMELY STABILIZATION OF DITCHES AND CHANNELS --- THE APPLICANT SHALL CONSTRUCT AND STABILIZE ALL STONE-LINED DITCHES AND CHANNELS ON THE SITE BY NOVEMBER 15. THE APPLICANT SHALL CONSTRUCT AND STABILIZE ALL GRASS-LINED DITCHES AND CHANNELS ON THE SITE BY SEPTEMBER 1. IF THE APPLICANT FAILS TO STABILIZE A DITCH OR CHANNEL TO BE GRASS-LINED BY SEPTEMBER 1, THEN THE APPLICANT WILL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE DITCH FOR LATE FALL AND WINTER.

INSTALL A SOD LINING IN THE DITCH --- THE APPLICANT SHALL LINE THE DITCH 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, WATERING THE SOD TO PROMOTE ROOT GROWTH INTO THE DISTURBED SOIL, AND ANCHORING THE SOD WITH JUTE OR PLASTIC MESH TO PREVENT THE SOD STRIPS FROM SLOUGHING DURING FLOW CONDITIONS.

INSTALL A STONE LINING IN THE DITCH ---THE APPLICANT SHALL LINE THE DITCH WITH STONE RIPRAP BY NOVEMBER 15. THE APPLICANT SHALL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE AND LINING THICKNESS NEEDED TO WITHSTAND THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHIN THE DITCH. IF NECESSARY, THE APPLICANT SHALL REGRADE THE DITCH PRIOR TO PLACING THE STONE LINING SO TO PREVENT THE STONE LINING FROM REDUCING THE DITCH'S CROSS-SECTIONAL AREA.

2. STANDARD FOR THE TIMELY STABILIZATION OF DISTURBED SLOPES --- THE APPLICANT SHALL CONSTRUCT AND STABILIZE STONE--COVERED SLOPES BY NOVEMBER 15. THE APPLICANT SHALL SEED AND MULCH ALL SLOPES TO BE VEGETATED BY SEPTEMBER 1. THE DEPARTMENT SHALL CONSIDER ANY AREA HAVING A GRADE GREATER THAN 15% TO BE A SLOPE. IF THE APPLICANT FAILS TO STABILIZE ANY SLOPE TO BE VEGETATED BY SEPTEMBER 1, THEN THE APPLICANT SHALL TAKE ONE OF THE FOLLOWING ACTIONS TO STABILIZE THE SLOPE FOR LATE FALL AND WINTER.

STABILIZE THE SOIL WITH TEMPORARY VEGETATION AND EROSION CONTROL MATS --- BY SEPTEMBER 1 THE APPLICANT SHALL 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 APPLICANT SHALL 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 SHALL COVER THE SLOPE WITH A LAYER OF WOODWASTE COMPOST AS DESCRIBED IN ITEM III OF THIS STANDARD OR WITH STONE RIPRAP AS DESCRIBED IN ITEM IV OF THIS STANDARD.

STABILIZE THE SLOPE WITH SOD --- THE APPLICANT SHALL STABILIZE THE DISTURBED SLOPE WITH PROPERLY INSTALLED SOD BY SEPTEMBER 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 SHALL NOT USE LATE--SEASON SOD INSTALLATION TO STABILIZE SLOPES HAVING A GRADE GREATER THAN 33% (3H:1V).

STABILIZE THE SLOPE WITH WOODWASTE COMPOST --- THE APPLICANT SHALL PLACE A SIX-INCH LAYER OF WOODWASTE COMPOST ON THE SLOPE BY NOVEMBER 15. PRIOR TO PLACING THE WOODWASTE COMPOST, THE APPLICANT SHALL REMOVE ANY SNOW ACCUMULATION ON THE DISTURBED SLOPE. THE APPLICANT SHALL NOT USE WOODWASTE COMPOST TO STABILIZE SLOPES HAVING GRADES GREATER THAN 50% (2H:1V) OR HAVING GROUNDWATER SEEPS ON THE SLOPE FACE.

STABILIZE THE SLOPE WITH STONE RIPRAP --- THE APPLICANT SHALL PLACE A LAYER OF STONE RIPRAP ON THE SLOPE BY NOVEMBER 15. THE APPLICANT SHALL HIRE A REGISTERED PROFESSIONAL ENGINEER TO DETERMINE THE STONE SIZE NEEDED FOR STABILITY AND TO DESIGN A FILTER LAYER FOR UNDERNEATH THE RIPRAP.

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

STABILIZE THE SOIL WITH TEMPORARY VEGETATION --- BY SEPTEMBER 1 THE APPLICANT SHALL 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 SHALL 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 1, THEN THE APPLICANT SHALL MULCH THE AREA FOR OVER--WINTER PROTECTION AS DESCRIBED BELOW.

STABILIZE THE SOIL WITH SOD --- THE APPLICANT SHALL STABILIZE THE DISTURBED SOIL WITH PROPERLY INSTALLED SOD BY SEPTEMBER 15. 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.

STABILIZE THE SOIL WITH MULCH --- BY NOVEMBER 15 THE APPLICANT SHALL MULCH THE DISTURBED SOIL BY SPREADING HAY OR STRAW AT A RATE OF 150 POUNDS PER 1,000 SQUARE FEET ON THE AREA SO THAT NO SOIL IS VISIBLE THROUGH THE MULCH. PRIOR TO APPLYING THE MULCH, THE APPLICANT SHALL 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.

1.8 MAINTENANCE OF FACILITIES

THE STORMWATER FACILITIES WILL BE MAINTAINED BY THE APPLICANT, THE CITY OF LEWISTON OR THEIR ASSIGNED HEIRS. THE CONTRACT DOCUMENTS WILL REQUIRE THE CONTRACTOR TO DESIGNATE A PERSON RESPONSIBLE FOR MAINTENANCE OF THE SEDIMENTATION CONTROL FEATURES DURING CONSTRUCTION AS REQUIRED BY THE EROSION CONTROL REPORT. LONG-TERM OPERATION/MAINTENANCE RECOMMENDED FOR THE STORMWATER FACILITIES IS PRESENTED BELOW AND WITHIN THE OPERATION AND MAINTENANCE MANUAL.

THE RESPONSIBLE PARTY MAY CONTRACT WITH SUCH PROFESSIONALS, AS MAY BE NECESSARY IN ORDER TO COMPLY WITH THIS PROVISION AND MAY RELY ON THE ADVICE OF SUCH PROFESSIONALS IN CARRYING OUT ITS DUTY HEREUNDER, PROVIDED, THAT THE FOLLOWING OPERATION AND MAINTENANCE PROCEDURES ARE HEREBY ESTABLISHED AS A MINIMUM FOR COMPLIANCE WITH THIS SECTION. A MAINTENANCE LOG OF THE INSPECTIONS SHALL BE KEPT BY THE RESPONSIBLE PARTY.

INSPECTION AND MAINTENANCE FREQUENCY AND CORRECTIVE MEASURES:
THE FOLLOWING AREAS, FACILITIES, AND MEASURES WILL BE INSPECTED AND THE IDENTIFIED DEFICIENCIES WILL BE CORRECTED. CLEAN-OUT MUST INCLUDE THE REMOVAL AND LEGAL DISPOSAL OF ANY ACCUMULATED SEDIMENTS AND DEBRIS.

ROADWAYS AND PARKING SURFACES: CLEAR ACCUMULATIONS OF WINTER SAND IN PARKING LOTS AND ALONG ROADWAYS AT LEAST ONCE A YEAR, PREFERABLY IN THE SPRING. ACCUMULATIONS ON PAVEMENT MAY BE REMOVED BY PAVEMENT SWEEPING. ACCUMULATIONS OF SAND ALONG ROAD SHOULDERS MAY BE REMOVED BY GRADING EXCESS SAND TO THE PAVEMENT EDGE AND REMOVING IT MANUALLY OR BY A FRONT-END LOADER. REPAIR CRACKS, HOLES AND OTHER SURFACE DEFECTS AND OBSTRUCTIONS AND HAZARDS. PLOWING AND SANDING OF PAVED AREAS SHALL BE PERFORMED AS NECESSARY TO MAINTAIN VEHICULAR TRAFFIC SAFETY.

CATCH BASINS:

INSPECT CATCH BASINS 2 TIMES PER YEAR (PREFERABLY IN SPRING AND FALL) TO ENSURE THAT THE CATCH BASINS ARE WORKING IN THEIR INTENDED FASHION AND THAT THEY ARE FREE OF DEBRIS. CLEAN STRUCTURES WHEN SEDIMENT DEPTHS REACH 12"FROM INVERT OF OUTLET. IF THE BASIN OUTLET IS DESIGNED WITH A HOOD TO TRAP FLOATABLE MATERIALS (I.E. SNOUT), CHECK TO ENSURE WATERTIGHT SEAL IS WORKING. AT A MINIMUM, REMOVE FLOATING DEBRIS AND HYDROCARBONS AT THE TIME OF THE INSPECTION.

CULVERTS:

INSPECT CULVERTS 2 TIMES PER YEAR (PREFERABLY IN SPRING AND FALL) TO ENSURE THAT THE CULVERTS ARE WORKING IN THEIR INTENDED FASHION AND THAT THEY ARE FREE OF DEBRIS. REMOVE ANY OBSTRUCTIONS TO FLOW. REMOVE ACCUMULATED SEDIMENTS AND DEBRIS AT THE INLET, AT THE OUTLET, AND WITHIN THE CONDUIT AND REPAIR ANY EROSION DAMAGE AT THE CULVERT'S INLET AND OUTLET.

ROOFLINE DRIP STRIP:

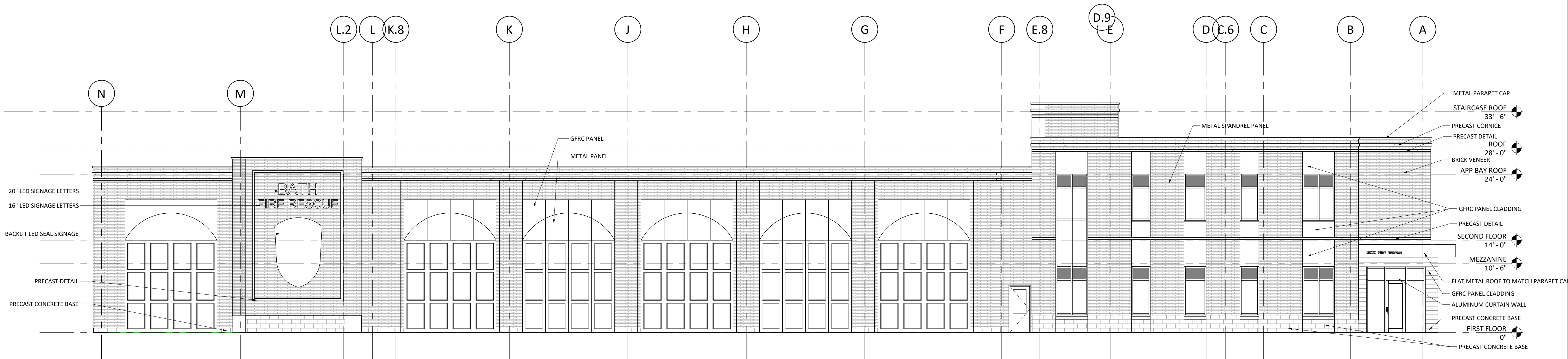
THE DRAIN STRIP MUST BE INSPECTED WITHIN THE FIRST THREE MONTHS AFTER CONSTRUCTION; THEREAFTER THE FILTER WILL BE INSPECTED 2 TIMES PER YEAR (PREFERABLY IN SPRING AND FALL) TO ENSURE THAT THE FILTER IS DRAINING WITHIN 24 TO 48 HOURS OF A RAIN EVENT EQUIVALENT TO 1" OR MORE. FAILURE TO DRAIN IN 72 HOURS WILL REQUIRE PART OR ALL OF THE SOIL FILTER MEDIA TO BE REMOVED AND REPLACED WITH NEW MATERIAL MEETING THE SOIL FILTER GRADATION. THE FACILITIES WILL BE INSPECTED AFTER MAJOR STORMS AND ANY IDENTIFIED DEFICIENCIES WILL BE CORRECTED. INSPECT FOR UNWANTED OR INVASIVE PLANTS AND REMOVE AS NECESSARY. REMOVE DEBRIS FROM THE SURFACE, SINCE THE ROOFLINE DRIP EDGE IS A PART OF THE APPROVED STORMWATER MANAGEMENT PLAN, IT CANNOT BE PAVED OVER OR ALTERED IN ANY WAY. GUTTERS SHALL NOT BE INSTALLED ALONG THE ROOFLINE.

VEGETATED AREAS:

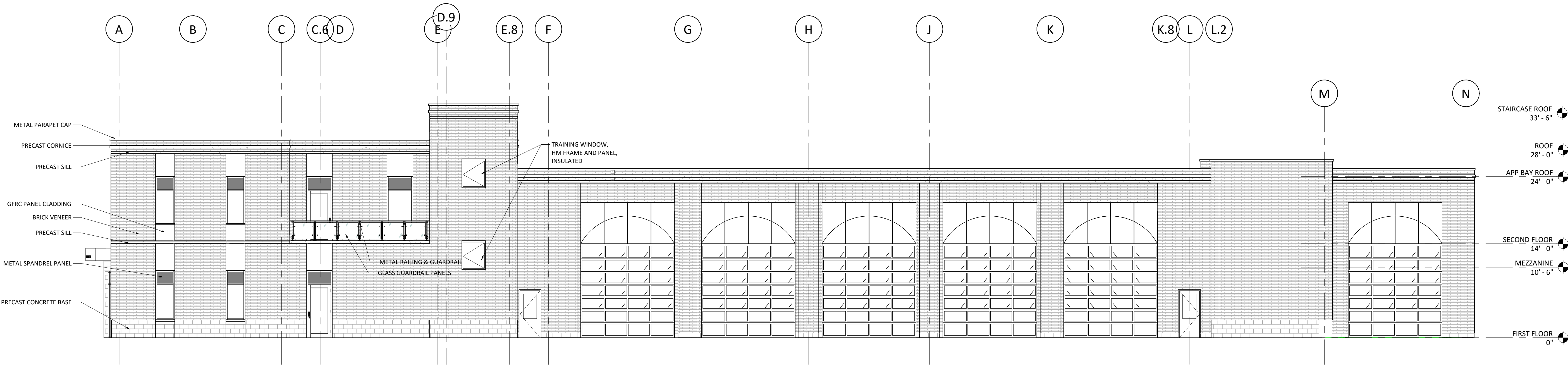
INSPECT SLOPES AND EMBANKMENTS EARLY IN THE GROWING SEASON TO IDENTIFY ACTIVE OR POTENTIAL EROSION PROBLEMS. REPLANT BARE AREAS OR AREAS WITH SPARSE GROWTH. WHERE RILL EROSION IS EVIDENT, ARMOR THE AREA WITH AN APPROPRIATE LINING OR DIVERT THE EROSION FLOWS TO ON-SITE AREAS ABLE TO WITHSTAND THE CONCENTRATED FLOWS. THE FACILITIES WILL BE INSPECTED AFTER MAJOR STORMS AND ANY IDENTIFIED DEFICIENCIES WILL BE CORRECTED.

DITCHES, SWALES AND OTHER OPEN STORMWATER CHANNELS:

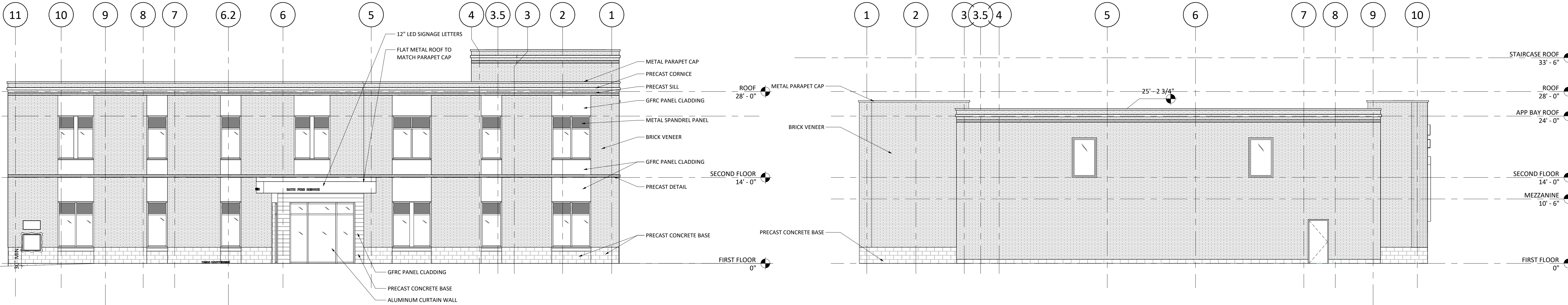
INSPECT



1 EAST ELEVATION
1/8" = 1'-0"



2 WEST ELEVATION
1/8" = 1'-0"



4 NORTH ELEVATION
1/8" = 1'-0"

3 SOUTH ELEVATION
1/8" = 1'-0"

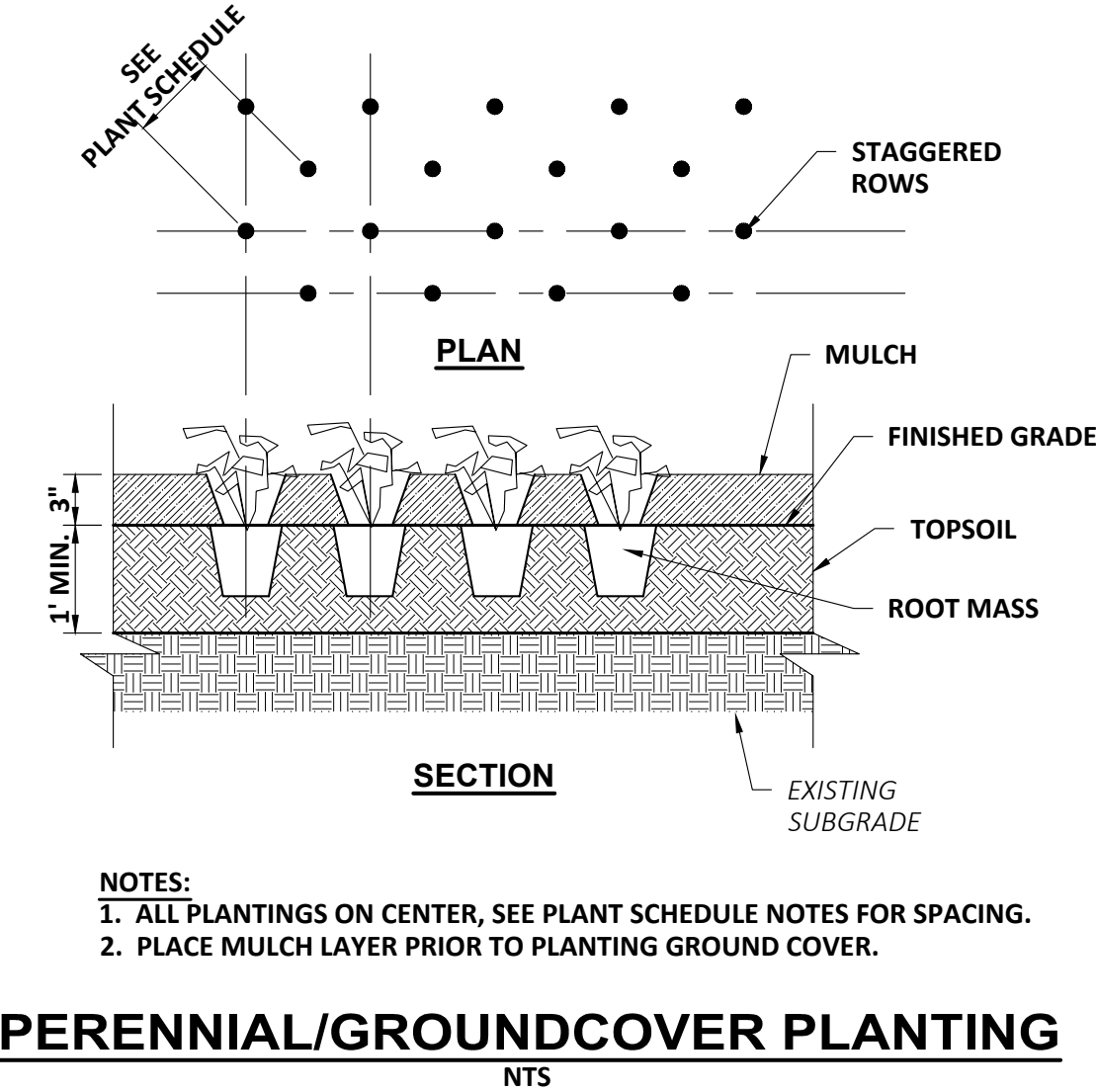
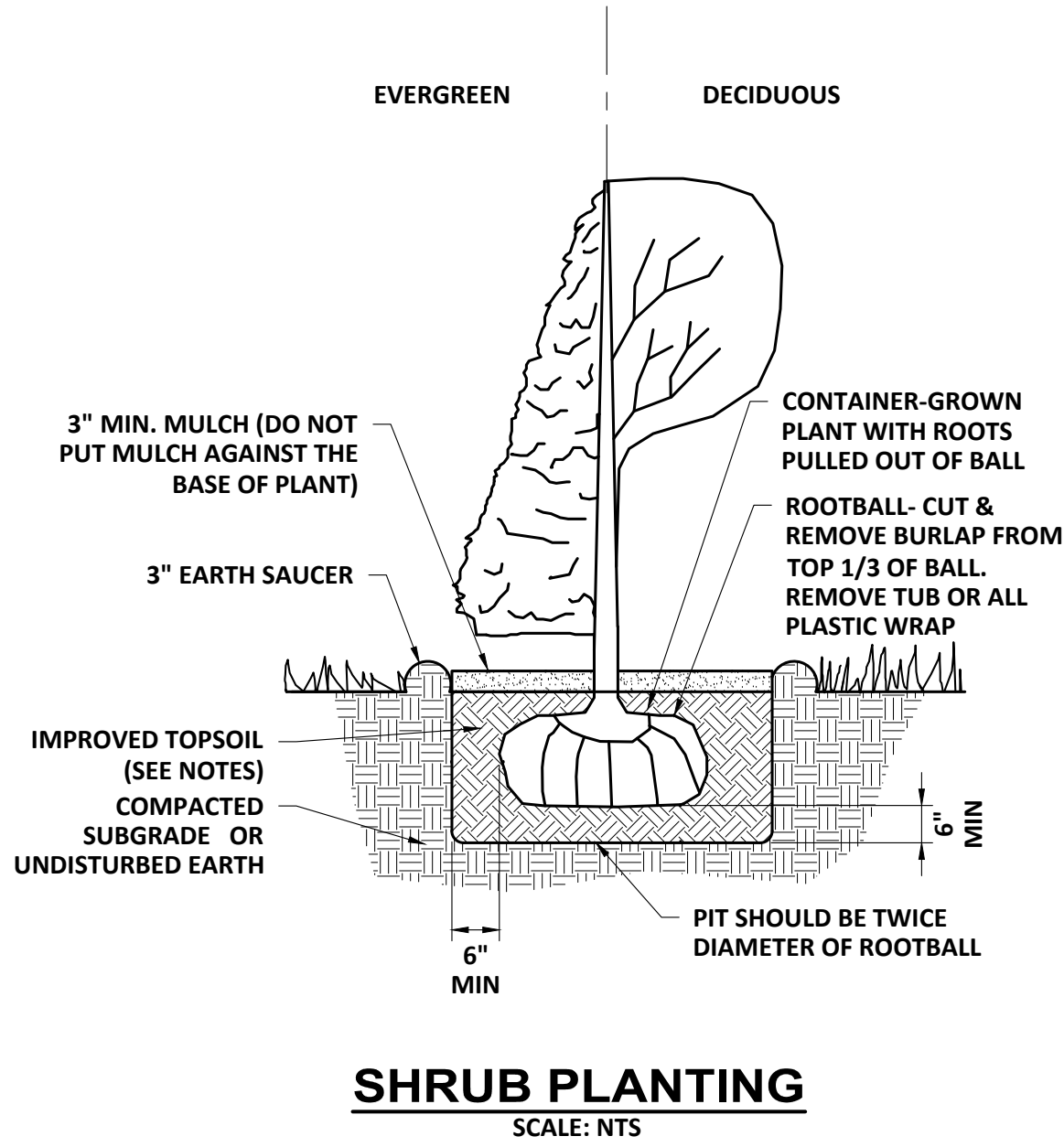


PLANTING SCHEDULE

SYMB.	QTY	BOT. NAME	COMMON NAME	SIZE	ROOT	COMMENTS
DECIDUOUS TREES						
AR	5	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY MAPLE	2.5-3" CAL.	B&B	SINGLE STEM, FULL, HEAVY, MATCHED
BP	3	BETULA PAPPYRIFERA	PAPER BIRCH	10-12' HT	B&B	MULTI STEM, FULL, HEAVY, MATCHED
TA	8	TILIA AMERICANA	AMERICAN LINDEN	2.5-3" CAL.	B&B	SINGLE STEM, FULL, HEAVY, MATCHED
EVERGREEN TREES						
PS	9	PINUS STROBUS	EASTERN WHITE PINE	2.5-3" CAL.	B&B	SINGLE STEM, FULL, HEAVY, MATCHED
DECIDUOUS SHRUBS						
CS	36	CORNUS SERICEA	RED OSIER DOGWOOD	#5 CONT.	CONT.	PLANT 4' O.C.
RH	17	RHODODENDRON 'PJM'	PJM RHODODENDRON	#7 CONT.	CONT.	PLANT 4' O.C.
RM	13	ROSA 'MEIBENBINO'	PETITE KNOCKOUT ROSE	#3 CONT.	CONT.	PLANT 4' O.C.
ST	21	SPIRAEA NIPPONICA 'SNOWMOUND'	SNOWMOUND SPIREA	#5 CONT.	CONT.	PLANT 3' O.C.
SV	16	SYRINGA VULGARIS	LILAC	#5 CONT.	CONT.	PLANT 5' O.C.
VD	19	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	24-36" HT.	CONT.	PLANT 4' O.C.
EVERGREEN SHRUBS						
IG	16	ILEX GLABRA 'SHAMRACK'	INKBERRY	#5 CONT.	CONT.	PLANT 4' O.C.
JC	7	JUNIPERUS CONFERTA 'BLUE PACIFIC'	SHORE JUNIPER	#3 CONT.	CONT.	PLANT 4' O.C.
PERENNIALS						
HA	40	HEUCHERA AMERICANA	CORAL BELLS	#2 CONT.	CONT.	PLANT 1' O.C.
LM	165	LIRIOPE MUSCARI	BIG BLUE LILYTURF	#2 CONT.	CONT.	PLANT 1' O.C.
EP	40	ECHINACEA PURPUREA	PURPLE CONEFLOWER	#2 CONT.	CONT.	PLANT 2' O.C.
SEED MIX						
2,457 SY		LAWN SEED MIX		ERNST CONSERVATION SEEDS: 8884 MERCER PIKE MEADVILLE, PA 16335 ITEM NUMBER:XXX		
MULCH						
78 CY		PLANTING AREAS		MULCH SHALL BE A MINIMUM OF 3" THICK FOR ALL PLANTING AREAS		
TREE PROTECTION						
50 LF		TREES TO BE REMOVED, SEE CIVIL PLANS				
TREES TO BE REMOVED						
20		TREES TO BE REMOVED, SEE CIVIL PLANS				

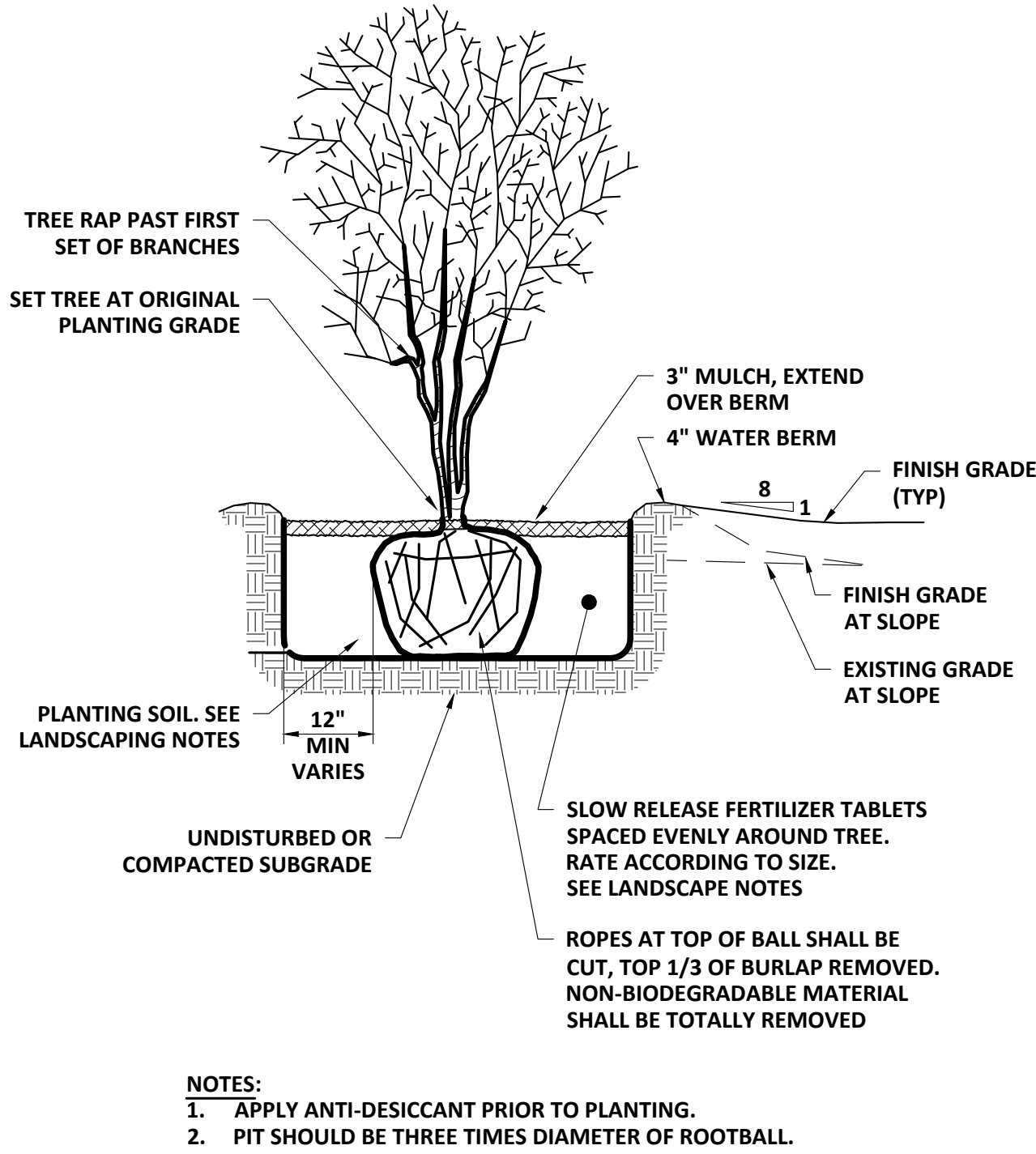
PLANTING NOTES:

- ALL NEW PLANT MATERIAL SHALL CONFORM TO THE REQUIREMENTS AS ESTABLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMAN, LATEST EDITION. IN ADDITION, ALL NEW PLANT MATERIAL FOR THE PROJECT SHALL BE OF THE HIGHEST SPECIMEN QUALITY.
- SEE SPECIFICATIONS FOR ITEMS NOT COVERED ON THE PLANS AND DETAILS.
- CONTRACTOR SHALL INSPECT SITE PRIOR TO BEGINNING PLANTING OPERATIONS AND NOTIFY THE ENGINEER/LANDSCAPE ARCHITECT OF ANY CONDITIONS THAT ARE NOT SUITABLE TO PERFORMING PLANTING OPERATIONS. CONTRACTOR SHALL NOTIFY THE ENGINEER/LANDSCAPE ARCHITECT OF ANY CONDITIONS THAT WOULD PREVENT HEALTHY GROWTH OF PLANT MATERIAL. THIS INCLUDES PRESENCE OF PESTS AND/OR DISEASES ON EXISTING VEGETATION.
- NO TREES SHALL BE PLANTED BEFORE ACCEPTANCE OF ROUGH GRADING. TREES SHALL BEAR SAME RELATIONSHIP TO FINISH GRADE AS THEY BORE TO PREVIOUS GRADE.
- PLANT GROUPING AND LOCATIONS ARE DIAGRAMMATIC. THE LOCATION OF PLANTS SHALL BE APPROVED IN THE FIELD BY THE ENGINEER/LANDSCAPE ARCHITECT. PLANTS INSTALLED PRIOR TO FIELD STAKING OR DIRECTION BY THE ENGINEER/LANDSCAPE ARCHITECT SHALL BE REPLACED AS DIRECTED BY THE ENGINEER/LANDSCAPE ARCHITECT AT THE CONTRACTOR'S EXPENSE.
- PLANT MATERIAL DELIVERED ON SITE SHALL BE HEALED-IN AT A SHADY LOCATION UNTIL PLANTING AREA IS PREPARED FOR INSTALLATION. ANY PLANTS REMAINING UNPLANTED ON THE SITE FOR MORE THAN 24 HOURS SHALL BE PROTECTED AND MAINTAINED INCLUDING BUT NOT LIMITED TO WATER AND SHADE. DAMAGED OR STRESSED PLANTS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- THERE WILL BE NO SUBSTITUTIONS OF PLANT MATERIAL WITHOUT PRIOR WRITTEN APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE ONLY AS APPROVED BY THE ENGINEER/LANDSCAPE ARCHITECT.
- THE GENERAL CONTRACTOR SHALL SUPPLY ALL NEW PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL MAINTAIN ALL PREPARED PLANTING AREAS FREE FROM DEBRIS. NO STORAGE OR STOCKPILING SHALL OCCUR ON PLANTING AREAS.
- THE CONTRACTOR IS TO USE CARE DURING EXCAVATION AND PLANTING TO AVOID DISTURBING OR DAMAGING ANY ADJACENT CONSTRUCTION SUBSURFACE DRAINAGE OR UTILITIES. ANY DAMAGE RESULTING FROM THIS CONSTRUCTION WILL BE THE CONTRACTOR'S RESPONSIBILITY AND SHALL BE RESTORED AT HIS EXPENSE TO THE SATISFACTION OF THE OWNER.
- STAKE LOCATION OF ALL PROPOSED PLANTING FOR APPROVAL BY THE ENGINEER/LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF PLANTING.
- THE CONTRACTOR SHALL SUPPLY PLANT MATERIAL IN THE QUANTITIES INDICATED ON THE PLANS. FOR DISCREPANCIES BETWEEN THE PLANS AND THE PLANT SCHEDULE, THE PLAN QUANTITIES SHALL PREVAIL.
- ALL PLANT MATERIAL IN CONTAINERS SHALL BE WELL ESTABLISHED ROOTED MATERIAL THAT OCCUPIES THE ENTIRE VOLUME OF SPECIFIED CONTAINER.
- PLANTS WITH GIRDLING ROOTS SHALL BE REJECTED. CONTAINER GROWN PLANTS WITH TIGHT ROOT MASSES SHALL BE SCARIFIED PRIOR TO PLANTING.
- THE TREE ROOT FLARE SHALL BE EXPOSED AND PLANTED EVEN WITH THE FINISH GRADE. PREPARE ALL TREE PITS WITH IMPROVED TOPSOIL TO A MINIMUM DEPTH AS SHOWN IN THE DETAIL.
- ALL PLANT BEDS ARE TO RECEIVE THREE INCHES (3") OF SHREDDED BARK MULCH AS SPECIFIED. NO SEPARATE PAY ITEM FOR MULCH OR AND/OR FERTILIZER PACKETS. PAID FOR UNDER PLANTING ITEMS.
- SEE SPECIFICATION FOR HOW TO AMEND TOPSOIL.

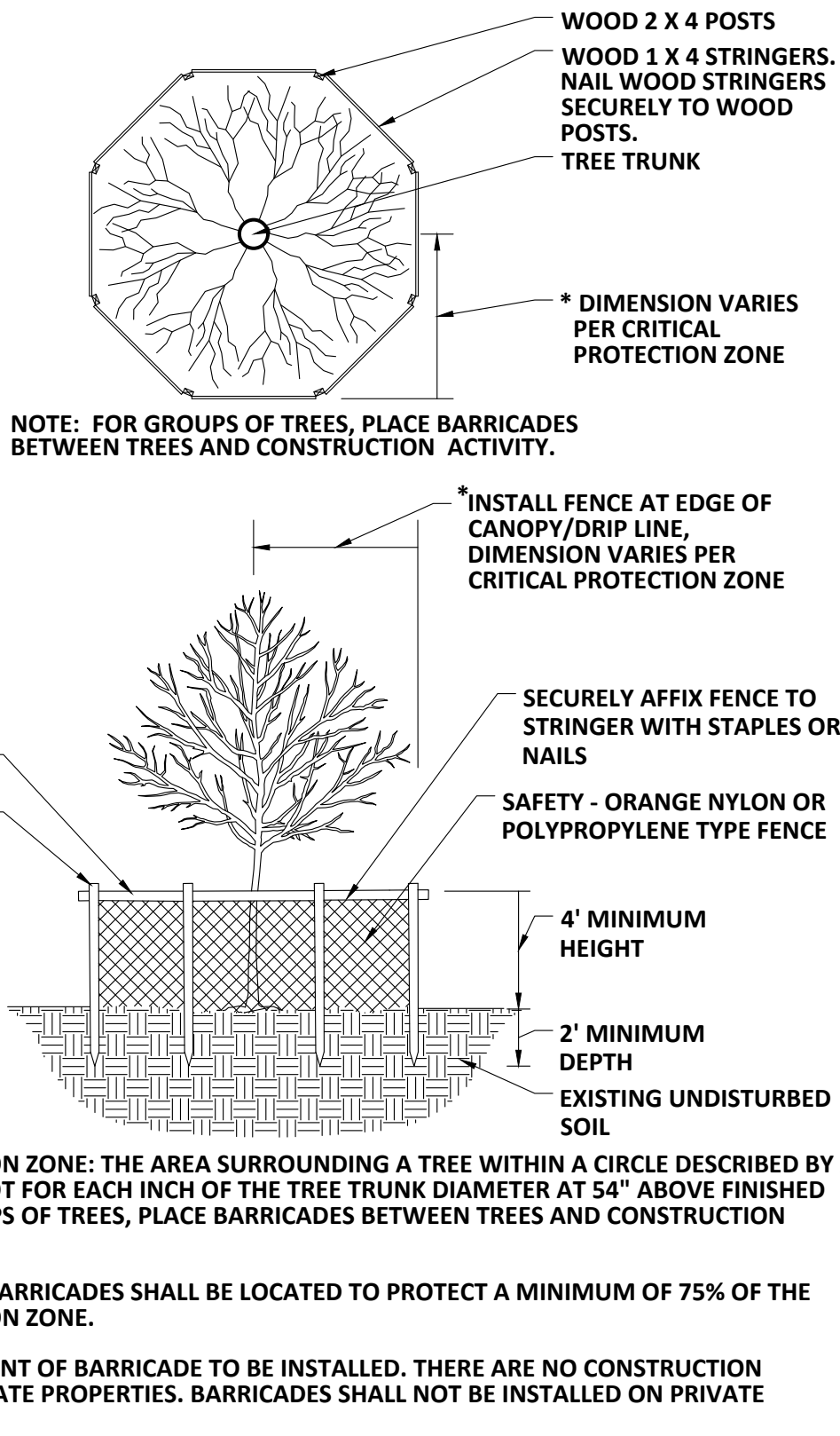


PERENNIAL/GROUNDCOVER PLANTING

- NOTES:
- ALL PLANTINGS ON CENTER, SEE PLANT SCHEDULE NOTES FOR SPACING.
 - PLACE MULCH LAYER PRIOR TO PLANTING GROUND COVER.



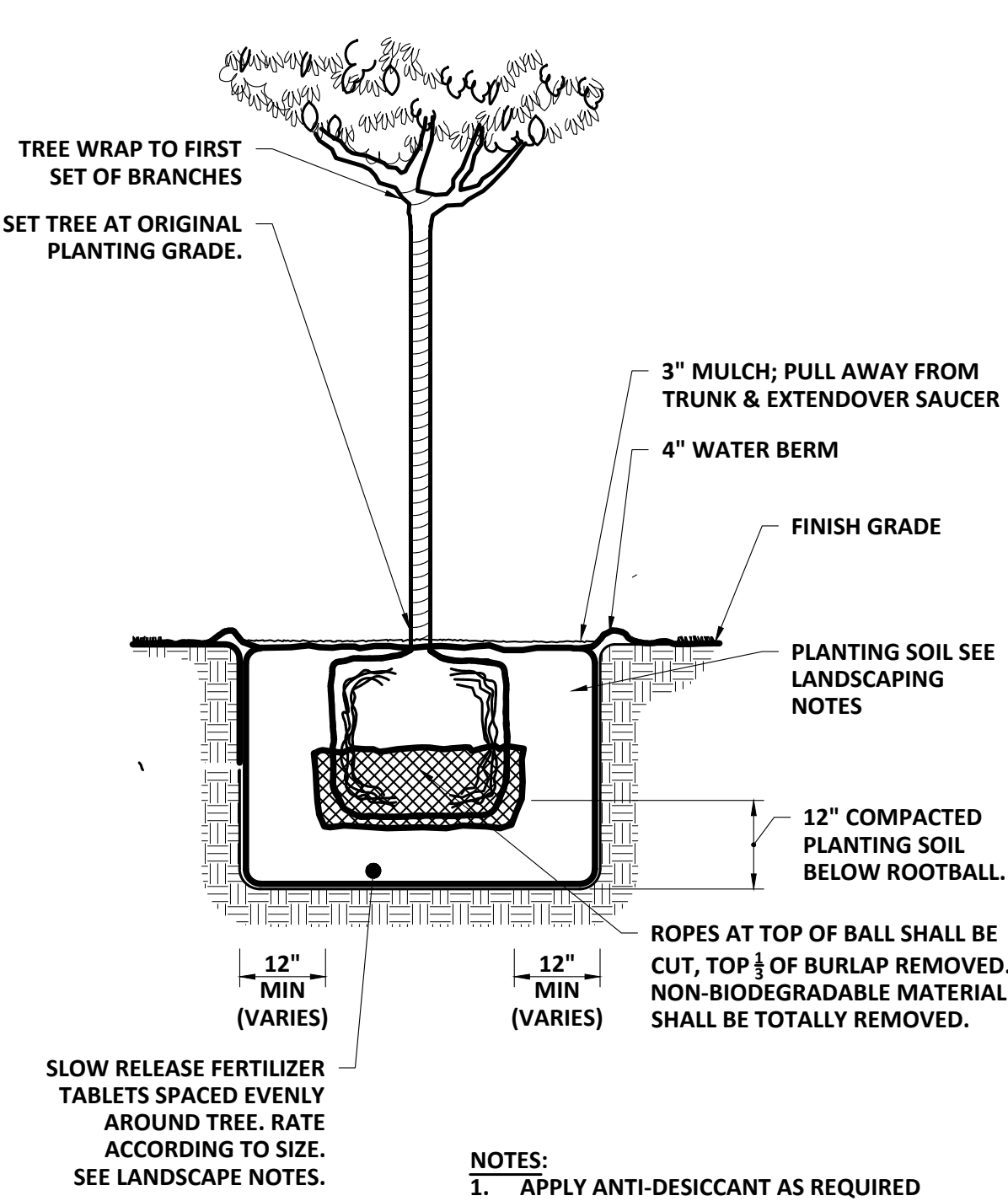
TREE INSTALLATION: MULTI-STEM



TREE PROTECTION BARRICADE

SCALE: NTS

- NOTES:
- CRITICAL PROTECTION ZONE: THE AREA SURROUNDING A TREE WITHIN A CIRCLE DESCRIBED BY A RADIUS OF ONE FOOT FOR EACH INCH OF THE TREE TRUNK DIAMETER AT 54" ABOVE FINISHED GRADE. FOR GROUPS OF TREES, PLACE BARRICADES BETWEEN TREES AND CONSTRUCTION ACTIVITY.
 - TREE PROTECTION BARRICADES SHALL BE LOCATED TO PROTECT A MINIMUM OF 75% OF THE CRITICAL PROTECTION ZONE.
 - SEE PLANS FOR EXTENT OF BARRICADE TO BE INSTALLED. THERE ARE NO CONSTRUCTION ACTIVITIES ON PRIVATE PROPERTIES. BARRICADES SHALL NOT BE INSTALLED ON PRIVATE PROPERTIES.



TREE INSTALLATION: 10' AND TALLER

SCALE: NTS

- NOTES:
- APPLY ANTI-DESICCANT AS REQUIRED PRIOR TO INSTALLATION.
 - PIT SHOULD BE THREE TIMES DIAMETER OF ROOTBALL.

BATH FIRE STATION HEADQUARTERS

864 HIGH STREET, BATH, ME 04530

project number: 2413.00

LANDSCAPE DETAILS

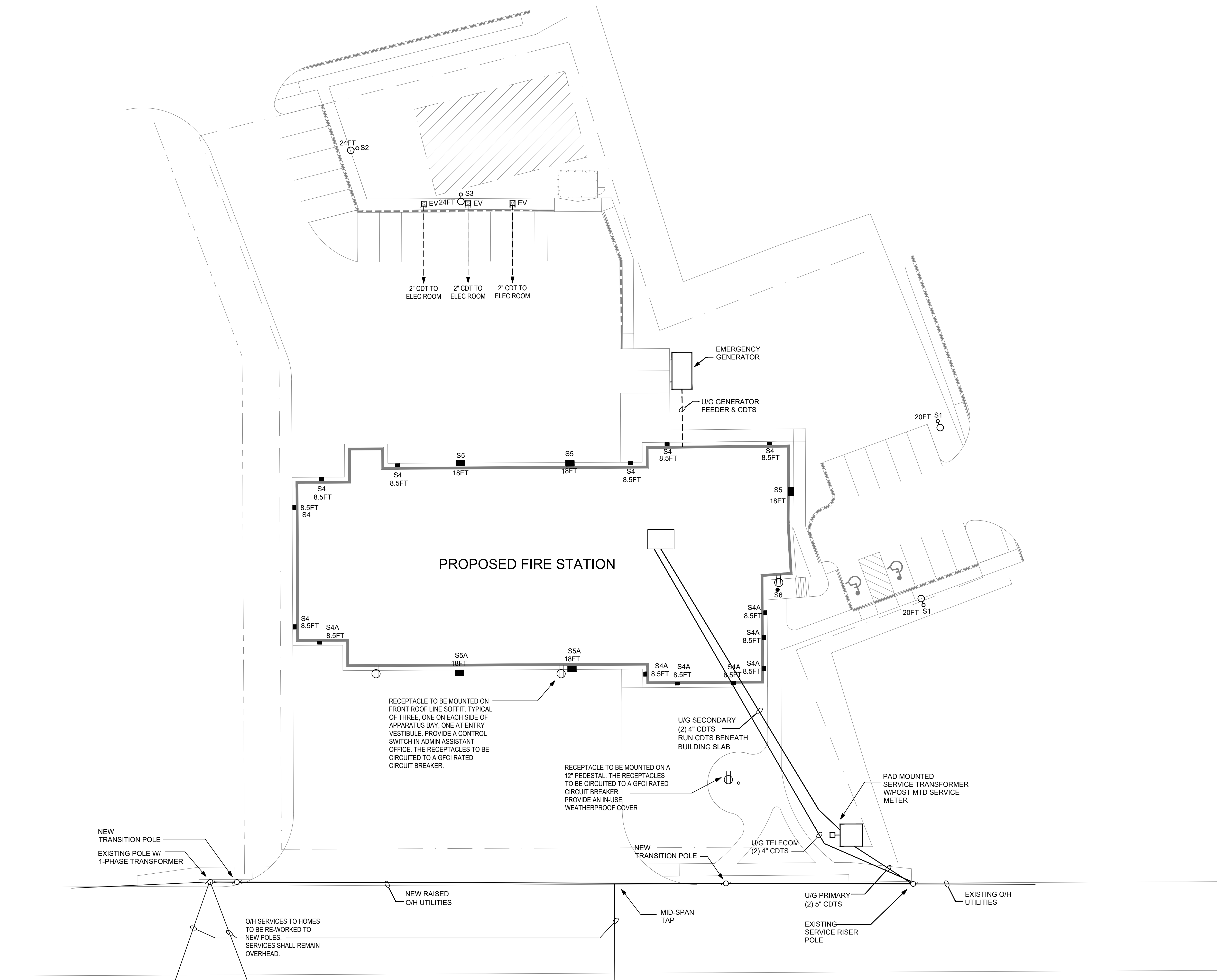
Scale:
Drawn by: K.MAGGIO

No. Issue Date
04.07.2025

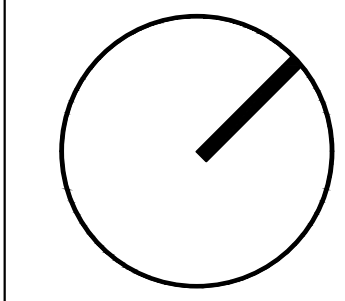
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WRIGHT-PIERCE

TEL 207.725.8721 | WWW.WRIGHT-PIERCE.COM
11 BOWDOIN HILL ISLAND TOPSHAM, ME 04086



1
E0.2
PHOTOMETRIC LIGHTING PLAN
SCALE: 1" = 20'-0"



context
ARCHITECTURE
65 FRANKLIN STREET BOSTON, MA 02110 TEL 617.423.1400 WEB CONTEXTARC.COM

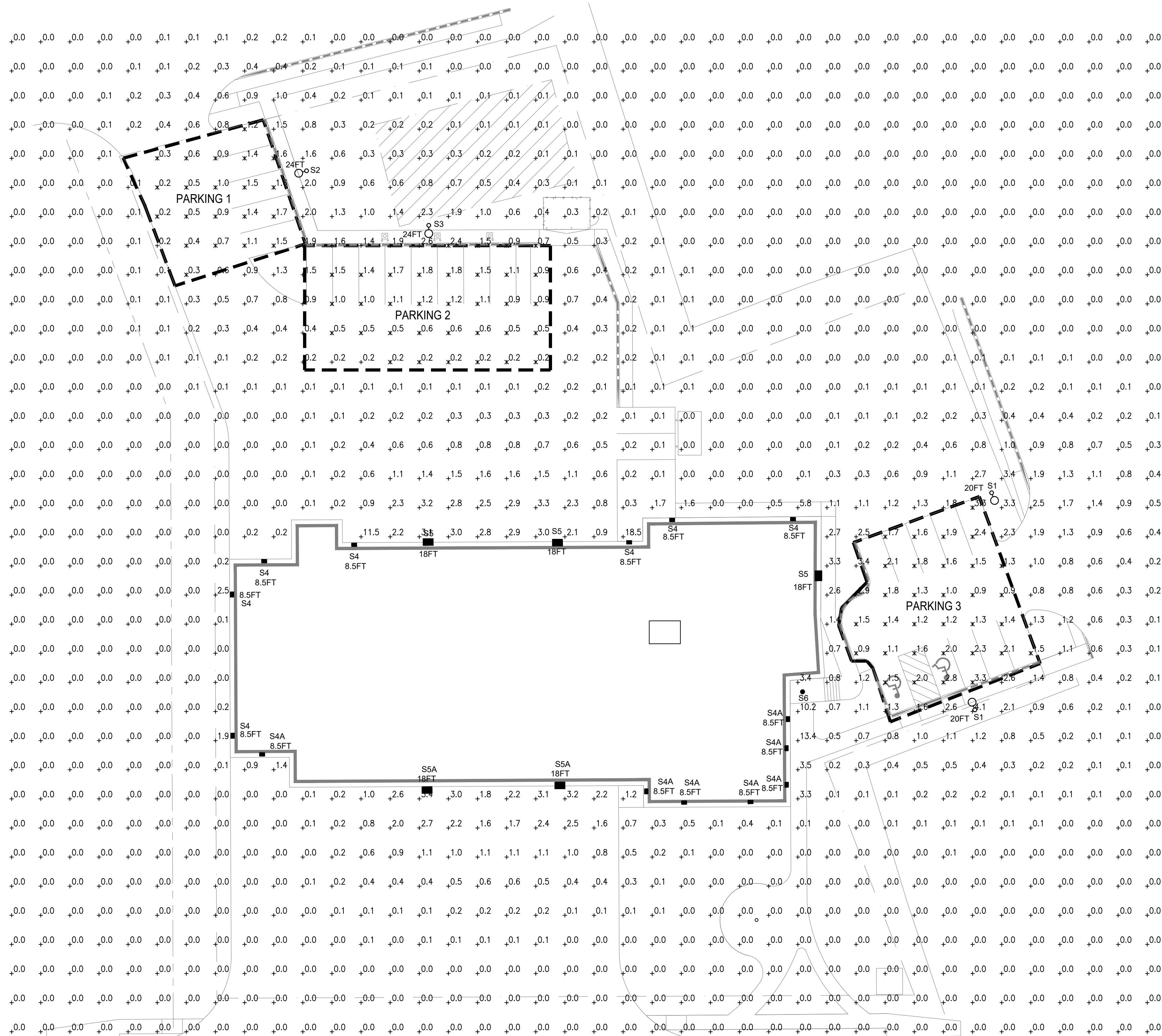


BATH FIRE STATION HEADQUARTERS
864 HIGH STREET, BATH, ME 04530
project number: 2413.00
ELECTRICAL SITE LIGHTING PLAN

Scale: AS NOTED
Drawn by: JLK

No. Issue Date
1 Planning Board 04/07/25

E0.2



- DRAWING NOTES:
1. CALCULATIONS REPRESENT MAINTAINED FOOTCANDLE LEVELS AT GRADE.
 2. LIGHT LOSS FACTOR USED IN CALCULATIONS: 0.9.
 3. MOUNTING HEIGHTS AS INDICATED ADJACENT TO LIGHTING FIXTURE TYPES.
 4. LIGHTING SHALL BE CONNECTED TO LIGHTING CONTROL PANEL AND BUILDING MOUNTED PHOTOCELL. LIGHTS SHALL TURN ON AS NEEDED BY PHOTOCELL. LIGHTING CONTROL PANEL SHALL DIM LIGHTING FIXTURES TO 50% LIGHT OUTPUT BETWEEN THE HOURS OF 11PM AND 6AM.
 5. LIGHTING FIXTURE TYPES S4A AND S4S HAVE RGBW COLOR CHANGING ABILITY. CALCULATIONS WERE PERFORMED WITH FIXTURES SET AT WHITE.
 6. POLE LIGHTING TYPES S1, S2 AND S3 HAVE BACKLIGHT CONTROL.
 7. ALL LIGHTING FIXTURES UTILIZE LED LAMPS/TECHNOLOGY AND HAVE A COLOR TEMPERATURE OF 3000K.
 8. MOUNTING HEIGHTS ARE INDICATED ON DRAWING.
 9. LIGHTING FIXTURE HAVE A FINISH COLOR OF DARK BRONZE WITH THE EXCEPTION OF TYPE S6 WHICH HAS A FINISH COLOR OF WHITE.
 10. LIGHTING FIXTURES:
S1 CREE #OSQ-M-C-9L-30K7-3B-UL-NM-BZ OSQ-ML-C-AA
S2 CREE #OSQ-M-C-9L-30K7-4B-UL-NM-BZ OSQ-ML-C-AA
S3 CREE #OSQ-M-C-9L-30K7-3B-UL-NM-BZ OSQ-ML-C-AA
S4 CREE #LUE-30351-15-M-W30-06-120
S4A LIGMAN #LUE-30393-33-M-RGBW30-06-120
S5 LIGMAN #UPIB-30001-55W-T4-W30-06-120
S5A LIGMAN #UPIB-30004-40W-T4-W30-06-120
S6 BOLD #C4-M11NN C4-R1-W-W-M-9-30D-N
 11. PARKING AREA STATISTICS:
PARKING 1
AVE: 0.9 MIN: 0.2 MAX: 1.7 X/M: 8.5 A/M: 4.5
PARKING 2
AVE: 0.9 MIN: 0.2 MAX: 2.4 X/M: 12.0 A/M: 4.5
PARKING 3
AVE: 1.7 MIN: 0.9 MAX: 3.3 X/M: 3.7 A/M: 1.9

