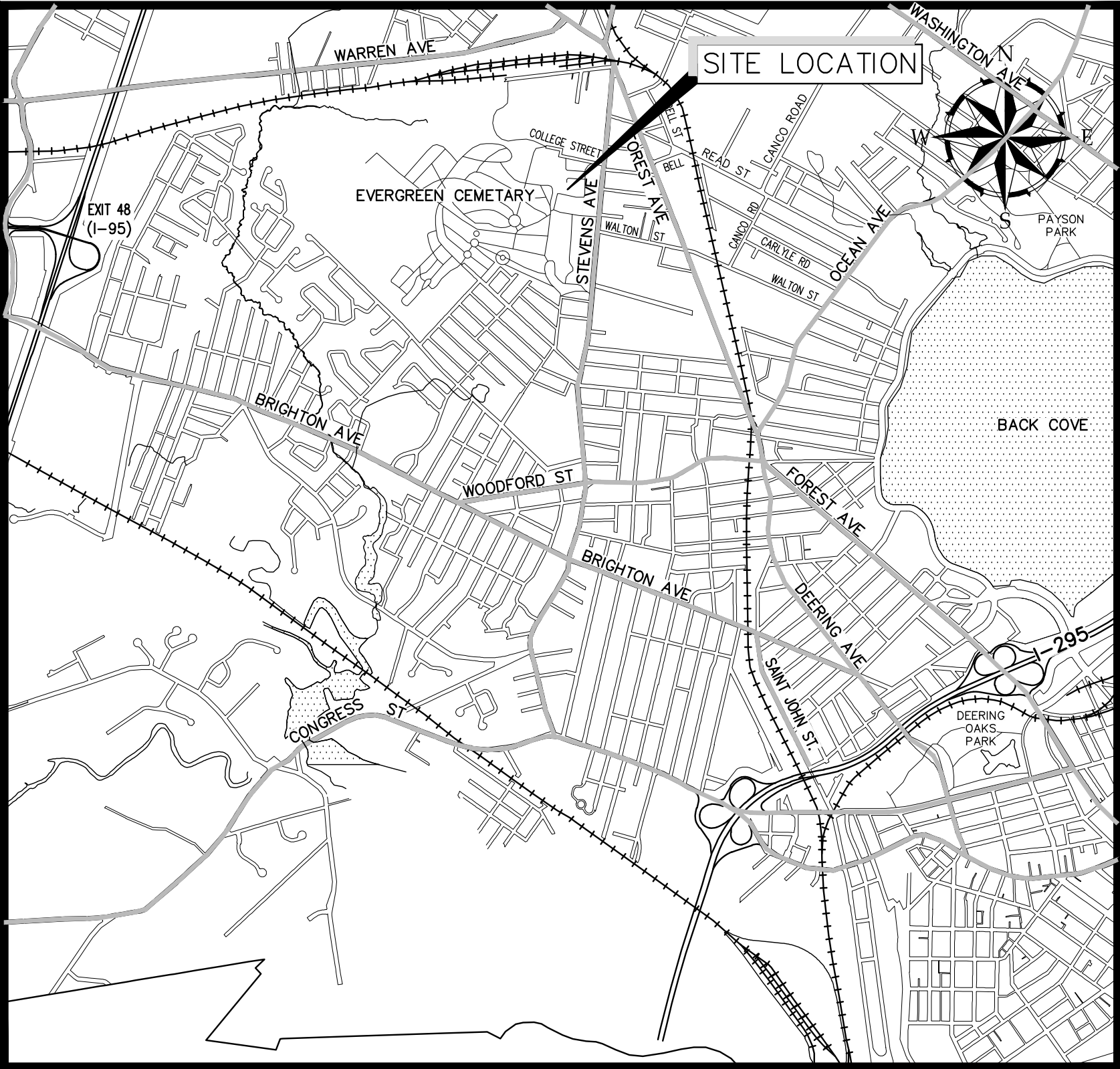


CITY OF PORTLAND PUBLIC SERVICES DEPARTMENT

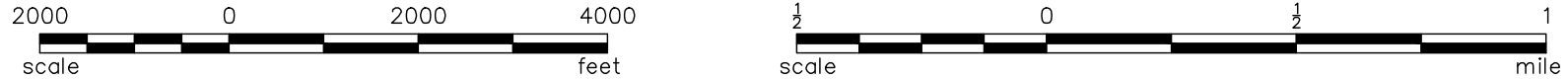


EVERGREEN CEMETERY EXPANSION

SEPT. 2014

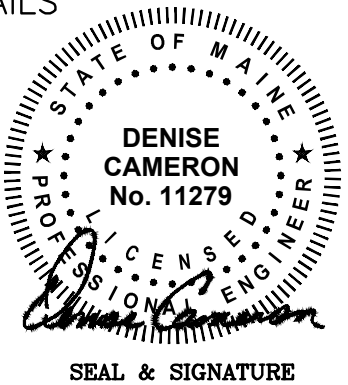


SITE LOCATION MAP



INDEX OF PLANS

	--	COVER
G-001	1	GENERAL NOTES, LEGEND, ABBREVIATIONS & OVERALL PLAN
C-100	2	EXISTING CONDITIONS & DEMOLITION PLAN
C-101	3	PROPOSED CONDITIONS PLAN
C-103	4	CIVIL DETAILS - 1
C-104	5	CIVIL DETAILS - 2
L-100	6	LANDSCAPING PLAN & DETAILS
L-101	7	COLUMBARIUM PLAN & DETAILS
L-102	8	COLUMBARIUM DETAILS



SEAL & SIGNATURE

PORTLAND Projects\222804 - Portland-Gen. Eng. Services\wp\55 - Evergreen Cemetery\Drawings\design_drawing\222804_55_C100.dwg, Sep. 13, 2014 - 4:57pm



41 Hutchins Drive
Portland, Maine 04102
800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

GENERAL NOTES:

- SITE AND TOPOGRAPHIC DATA PROVIDED BY:
 - TOPOGRAPHIC SURVEY AT WILDE CHAPEL, EVERGREEN CEMETERY, PORTLAND, MAINE BY OWEN HASKELL, INC. DATED 3/15/1998
 - EXISTING CONDITIONS SURVEY AT EVERGREEN CEMETERY, PORTLAND, MAINE BY OWEN HASKELL, INC. DATED 3/8/2013
 - GRADING & UTILITIES PLAN FOR EVERGREEN CEMETERY: PHASE I, BY SEBAGO TECHNICS, DATED 12/9/2004, REVISED 3/24/2006
- VERTICAL DATUM IS REFERENCED TO CITY DATUM WITH ONE FOOT CONTOUR INTERVALS. CITY DATUM IS +0.02 FT NGVD 1929. HORIZONTAL DATUM IS REFERENCED TO STATE PLANE NAD 1983 (FEET), MAINE WEST ZONE.
- THE UTILITY LOCATIONS SHOWN IN PLAN ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION BY THE CONTRACTOR. CONTACT THE CITY IMMEDIATELY UPON DISCOVERING ANY CONFLICTS WITH EXISTING AND PROPOSED UTILITY LOCATIONS. NOT ALL EXISTING UTILITIES ARE SHOWN ON PLANS.
- CLEAN AND/OR FLUSH ALL MANHOLES, CATCH BASINS, AND ASSOCIATED PIPING AFTER THE WORK HAS BEEN COMPLETED.
- COORDINATE CONSTRUCTION ACTIVITY WITH UTILITY COMPANIES, EMERGENCY SERVICES AND CITY. CONTACTS ARE LISTED IN SPECIFICATIONS. NOTIFY UTILITY COMPANIES WITHIN 48 HOURS OF WORK ACTIVITY ADJACENT TO THOSE UTILITIES.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES PRIOR TO COMMENCING WORK, ALLOWING SUFFICIENT TIME TO LOCATE AND MARK THE LOCATION OF BURIED UTILITIES. CONTRACTOR SHALL CONTACT "DIG SAFE", TELEPHONE 888-344-7233, PRIOR TO EXCAVATION.
- RESTORE ALL AREAS DISTURBED BY CONTRACTOR'S OPERATIONS TO ORIGINAL FINISH (GRAVEL, PAVEMENT, GRASS, ETC.). RESTORATION OF PAVED SURFACES, GRAVEL SURFACES, DRIVEWAYS, AND LAWNS DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE PERFORMED AT NO ADDITIONAL COST TO OWNER. ANY CURB DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND AND SHALL CONFORM TO CITY OF PORTLAND AND MAINE DOT SPECIFICATIONS AT NO ADDITIONAL COST TO OWNER.
- PROPERLY PROTECT AND DO NOT DISTURB PROPERTY IRONS AND MONUMENTS. IF DISTURBED, THE PROPERTY MONUMENT SHALL BE RESET AT THE CONTRACTOR'S EXPENSE BY A LICENSED LAND SURVEYOR ACCEPTABLE TO THE CITY.
- EXISTING FACILITIES (I.E. TREES, POLES, LIGHT POSTS, CATCH BASINS, ETC.) SHALL BE REMOVED AND PROTECTED DURING CONSTRUCTION EXCEPT AS OTHERWISE NOTED. CITY RETAINS RIGHT TO KEEP ANY AND ALL REMOVED FACILITIES. CONTRACTOR SHALL DISPOSE OF ANY REMOVED FACILITY AT THE REQUEST OF CITY AT CONTRACTOR'S EXPENSE.
- ALL WORK WITHIN THE RIGHT OF WAY OF CITY STREETS SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CITY TRAFFIC ENGINEER. THE CONTRACTOR SHALL SUBMIT A PROPOSED TRAFFIC CONTROL PLAN TO THE TRAFFIC ENGINEER AT LEAST 7 DAYS BEFORE BEGINNING CONSTRUCTION IN ANY STREET. THE PROPOSED TRAFFIC CONTROL PLAN SHALL BE SUBJECT TO APPROVAL BY THE TRAFFIC ENGINEER, WHO MAY ATTACH SPECIAL CONDITIONS TO, OR REQUIRE MODIFICATIONS OF, THE TRAFFIC CONTROL PLAN. WORK SHALL NOT BEGIN UNTIL THE PLAN IS APPROVED BY THE TRAFFIC ENGINEER.
- DO NOT PARK, IMPEDE ACCESS TO, OR STORE EQUIPMENT ON ADJACENT CITY OR PRIVATELY OWNED LOTS, UNLESS PERMISSION HAS BEEN GRANTED IN WRITING BY CITY AND/OR LAND OWNER.
- COORDINATE DISRUPTION OF PRIVATE UTILITY SERVICES WITH LANDOWNERS AT LEAST TWO DAYS (48 HOURS) PRIOR TO DISRUPTION. ALL UTILITY COORDINATION IS RESPONSIBILITY OF CONTRACTOR.
- PROJECT IS LOCATED WITHIN ACTIVE CEMETERY THAT WILL REMAIN OPEN TO THE PUBLIC DURING CONSTRUCTION. PRIOR TO START OF CONSTRUCTION, CONTRACTOR SHALL COORDINATE GRAVE PLOT AREAS LOCATED IN AND NEAR THE CONSTRUCTION AREA. DURING CONSTRUCTION, BURIALS WITHIN THESE AREAS MAY OCCUR. CONTRACTOR AND CEMETERY STAFF SHALL COORDINATE TIMING OF FUNERALS, AND CONSTRUCTION ACTIVITIES SHALL BE STOPPED DURING FUNERAL SERVICES AT THE CEMETERY.
- CONSTRUCTION TRAFFIC SHALL NOT BE ALLOWED TO UTILIZE THE MAIN ROAD ENTRANCE. CONSTRUCTION TRAFFIC SHALL ENTER THE SITE THROUGH THE DESIGNATED CONSTRUCTION ENTRANCE AS DEFINED ON THE PLANS AND IN THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL RESTRICT ACCESS TO CONSTRUCTION AREA THROUGH THE USE OF APPROPRIATE SIGNS, BARRIERS, FENCES, ETC. ALL TREES NOT NOTED TO BE REMOVED SHALL BE PROTECTED BY CONTRACTOR DURING CONSTRUCTION. CONTACT CITY OF PORTLAND ARBORIST AND CEMETERY SUPERINTENDENT PRIOR TO CUTTING ROOTS, TRIMMING BRANCHES, OR DISTURBING TREES THAT NOT HAVE BEEN NOTED FOR REMOVAL ON THE PLANS. CEMETERY IS OPEN FOR PUBLIC VEHICLE ACCESS DURING THE DAY AND PEDESTRIAN ACCESS AT ALL TIMES. CONTRACTOR SHALL SHARE MAIN ROAD ENTRANCE AND INTERNAL ROADS WITH PUBLIC, AND SHALL COORDINATE ROAD CLOSURES WITH CEMETERY STAFF. SITE SHALL BE LEFT WITH APPROPRIATE SAFETY MEASURES IN PLACE DURING NON-WORKING HOURS. NO TRENCH SHALL BE LEFT OPEN DURING NON-WORKING HOURS. SITE SAFETY IS THE RESPONSIBILITY OF CONTRACTOR, DURING BOTH WORKING AND NON-WORKING HOURS.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS. PERMIT APPLICATIONS SHALL BE SUBMITTED WITH ADEQUATE TIME SO AS NOT TO DELAY CONSTRUCTION.
- THE CONTRACTOR SHALL OBTAIN A CITY STREET OPENING PERMIT BEFORE BEGINNING CONSTRUCTION. THE FEE FOR THIS PERMIT WILL BE WAIVED BY THE CITY. THE CONTRACTOR WILL ALSO BE REQUIRED TO HAVE A CURRENT EXCAVATOR'S LICENSE IN THE CITY. THE EXCAVATOR'S LICENSE FEE WILL NOT BE WAIVED BY THE CITY.
- ALL WORK ASSOCIATED WITH THE PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES VI, VII, AND IX OF CHAPTER 25--STREETS, SIDEWALKS, AND OTHER PUBLIC PLACES OF THE CITY OF PORTLAND CODE OF ORDINANCES.
- THE CITY OF PORTLAND ENGINEERING DIVISION REQUIRES THAT UPON COMPLETION OF CONSTRUCTION, A COMPLETE SET OF "RECORD" DRAWINGS THAT REFLECT ANY AND ALL MODIFICATIONS TO THE ROAD CONSTRUCTION, SANITARY SEWER SYSTEM, STORM SEWER SYSTEM AND ANY OTHER UTILITY INSTALLATIONS OR ALTERATIONS WITHIN THE PROJECT LIMITS BE SUBMITTED TO THE DIVISION. THESE DRAWINGS SHALL BE SUBMITTED IN BOTH DIGITAL AUTOCAD AND HARD COPY FORMAT AS DEFINED IN THE SPECIFICATIONS PRIOR TO PAYMENT OF FINAL RETAINAGE.
- ALL WATER SERVICES ARE APPROXIMATE AS SHOWN. CONTRACTOR SHALL FIELD VERIFY LOCATION OF EXISTING WATER SERVICES AND RELOCATE AS REQUIRED TO COMPLETE WORK. CONTRACTOR SHALL COORDINATE WORK WITH THE CITY OF PORTLAND, PORTLAND WATER DISTRICT, AND PROPERTY OWNERS.
- WORK IS IN CLOSE PROXIMITY TO EXISTING UTILITIES. PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITIES.
- PROVIDE 6-INCHES OF LOAM AND SEED IN ALL LAWN AREAS DISTURBED BY CONTRACTOR'S OPERATIONS.
- EXISTING PAVEMENT SHALL BE SAWCUT AND BUTTED TO NEW PAVEMENT. NO FEATHERING OF PAVEMENT SHALL BE PERMITTED.
- IF CONTRACTOR PROPOSES TO TEMPORARILY STOCKPILE ANY SURPLUS SOIL AND ROCK IN THE CITY OF PORTLAND, THE CONTRACTOR SHALL OBTAIN APPROVAL FOR EACH STOCKPILE LOCATION FROM THE ENGINEER. IF CONTRACTOR PROPOSES TO PERMANENTLY STOCKPILE ANY SURPLUS SOIL AND ROCK ON PROPERTY IN THE CITY OF PORTLAND, THE CONTRACTOR MUST OBTAIN ANY SITE PLAN PERMITS REQUIRED FROM THE CITY PLANNING AUTHORITY OR ANY FILL PERMITS REQUIRED FROM MDEP OR U.S. ARMY CORPS OF ENGINEERS. BOTH TEMPORARY AND PERMANENT STOCKPILE LOCATIONS SHALL MEET THE APPLICABLE SETBACK REQUIREMENTS IN THE CITY LAND USE CODE AND SHALL RECEIVE PROPER STABILIZATION AND EROSION & SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPROVED SOIL EROSION & WATER POLLUTION CONTROL PLAN.
- PROJECT IS SUBJECT TO THE CONDITIONS SET FORTH IN PERMITS ISSUED BY THE CITY OF PORTLAND, SPECIFICALLY RELATED TO LIMITS OF IMPACT, EROSION CONTROL MEASURES, RESTORATION ACTIVITIES, AND TIMEFRAME RESTRICTIONS. CONTRACTOR SHALL READ PERMIT DOCUMENTS FULLY AND CARRY OUT WORK IN ACCORDANCE WITH PERMIT DOCUMENTS. COPIES OF PERMIT DOCUMENTS ARE APPENDED TO THE PROJECT SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, A PRE-CONSTRUCTION MEETING SHALL BE HELD AT THE PROJECT SITE WITH THE CONTRACTOR, DEVELOPMENT REVIEW COORDINATOR, CITY OF PORTLAND ARBORIST, AND CITY OF PORTLAND CEMETERY STAFF TO REVIEW THE CONSTRUCTION SCHEDULE AND CRITICAL ASPECTS OF THE SITE WORK. AT THAT TIME, THE CONTRACTOR SHALL PROVIDE 3 COPIES OF A DETAILED CONSTRUCTION SCHEDULE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A MUTUALLY AGREEABLE TIME FOR THE PRE-CONSTRUCTION MEETING.
- PRIOR TO CONSTRUCTION, ANY SIDEWALK HANDICAP RAMPS WITHIN ROAD RIGHT OF WAY, THE DESIGN SHALL BE REVIEWED AND APPROVED BY BRUCE HYMAN (OFFICE - 207.874.8833, CELL - 207.400.9243) OF THE PUBLIC SERVICES DEPARTMENT.



OVERALL SITE PLAN
SCALE: 1"=100'

SYMBOLS

DESCRIPTION	EXISTING
SANITARY SEWER MANHOLE	⊙
STORM DRAIN MANHOLE	⊕
CATCH BASIN W/ HEADSTONE	⊕
CATCH BASIN, FIELD INLET	⊕
UTILITY POLE W/GUY	⊙
UTILITY POLE	⊙
WATER GATE	⊕
WATER VALVE	⊕
WATER SHUT OFF	⊕
HYDRANT	⊕
SIGN	⊕
MAILBOX	⊕
CONIFEROUS TREE	⊕
DECIDUOUS TREE	⊕
IRON PIN (FOUND)	⊕
MONUMENTS (FOUND)	⊕
PROTECT TREE	⊕
CATCH BASIN PROTECTION	⊕

LINE TYPES

DESCRIPTION	EXISTING	PROPOSED
CONTOUR (1' INTERVAL)	-----122-----	-----122-----
CONTOUR (INDEX)	-----120-----	-----120-----
SANITARY SEWER	-----S-----	-----S-----
STORM DRAIN	-----SD-----	-----SD-----
UNDERDRAIN	-----UD-----	-----UD-----
WATER MAIN	-----W-----	-----W-----
UNDERGROUND ELECTRIC	-----E-----	-----E-----
GAS LINE	-----G-----	-----G-----
OVERHEAD ELECTRIC	-----OE-----	-----OE-----
PROPERTY LINE	-----	-----
RIGHT OF WAY	-----	-----
EASEMENT	-----	-----
EDGE OF VEGETATION	-----	-----
FENCE	-----	-----
CENTERLINE	-----	-----
RETAINING WALL	-----	-----
STONEWALL	-----	-----
CURB	-----	-----
EDGE OF PAVEMENT	-----	-----
EDGE OF GRAVEL	-----	-----
SAWCUT	-----	-----
SILTENCE	-----	-----
LIMIT OF WORK	-----	-----LW-----

ABBREVIATIONS

&	AND
A.G.	ABOVE GROUND
BIT	BITUMINOUS
B/W	BETWEEN
CB	CATCH BASIN
CI	CAST IRON
CMP	CENTRAL MAINE POWER
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DI	DUCTILE IRON
DIA.	DIAMETER
DMH	DRAIN MANHOLE
DTL	DETAIL
E	UNDERGROUND ELECTRICAL
EL.	ELEVATION
E.O.P.	EDGE OF PAVEMENT
EXIST.	EXISTING
FF	FINISH FLOOR
FT	FOOT/FEET
G	GAS MAIN
GS	GAS SERVICE
GALV.	GALVANIZED
GRAN.	GRANITE
HDPE	HIGH DENSITY POLYETHYLENE
HYD	HYDRANT
INV.	INVERT
LF	LINEAR FEET
MAX.	MAXIMUM
MDOT	MAINE DEPARTMENT OF TRANSPORTATION
MIN.	MINIMUM
MON	MONUMENT
NET&T	NEW ENGLAND TELEPHONE & TELEGRAPH (FAIRPOINT COMMUNICATIONS)
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
NR	NO REFUSAL
N.T.S.	NOT TO SCALE
OE	OVERHEAD ELECTRIC
OH	OVERHEAD
±	PLUS OR MINUS
LLS	LICENSED LAND SURVEYOR
PROP.	PROPOSED
PT.	POINT
PVC	POLYVINYL CHLORIDE
R.O.W.	RIGHT-OF-WAY
RCP	REINFORCED CONCRETE PIPE
REINF.	REINFORCED
REQ'D	REQUIRED
RPP	RIBBED PLASTIC PIPE
S	SLOPE (FT./FT.)
SD	SEWER
SD	STORM DRAIN
SMH	SEWER MANHOLE
SCH.	SCHEDULE
STA.	STATION
TYP.	TYPICAL
UP	UTILITY POLE
VC	VITRIFIED CLAY
VT.	VITRIFIED CLAY
W	WEST
W	WATER
W/	WITH
W	WATERMAIN
W	WATER SERVICE
WV	WATER VALVE

REFERENCES:

DESIGNED BY:	LJS
DRAWN BY:	BCM
CHECKED BY:	DLC
SCALE:	1"=100'
DATE:	SEPT. 2014

EVERGREEN CEMETERY
PHASE II
GENERAL NOTES, LEGEND,
ABBREVIATIONS & OVERALL PLAN

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING SECTION



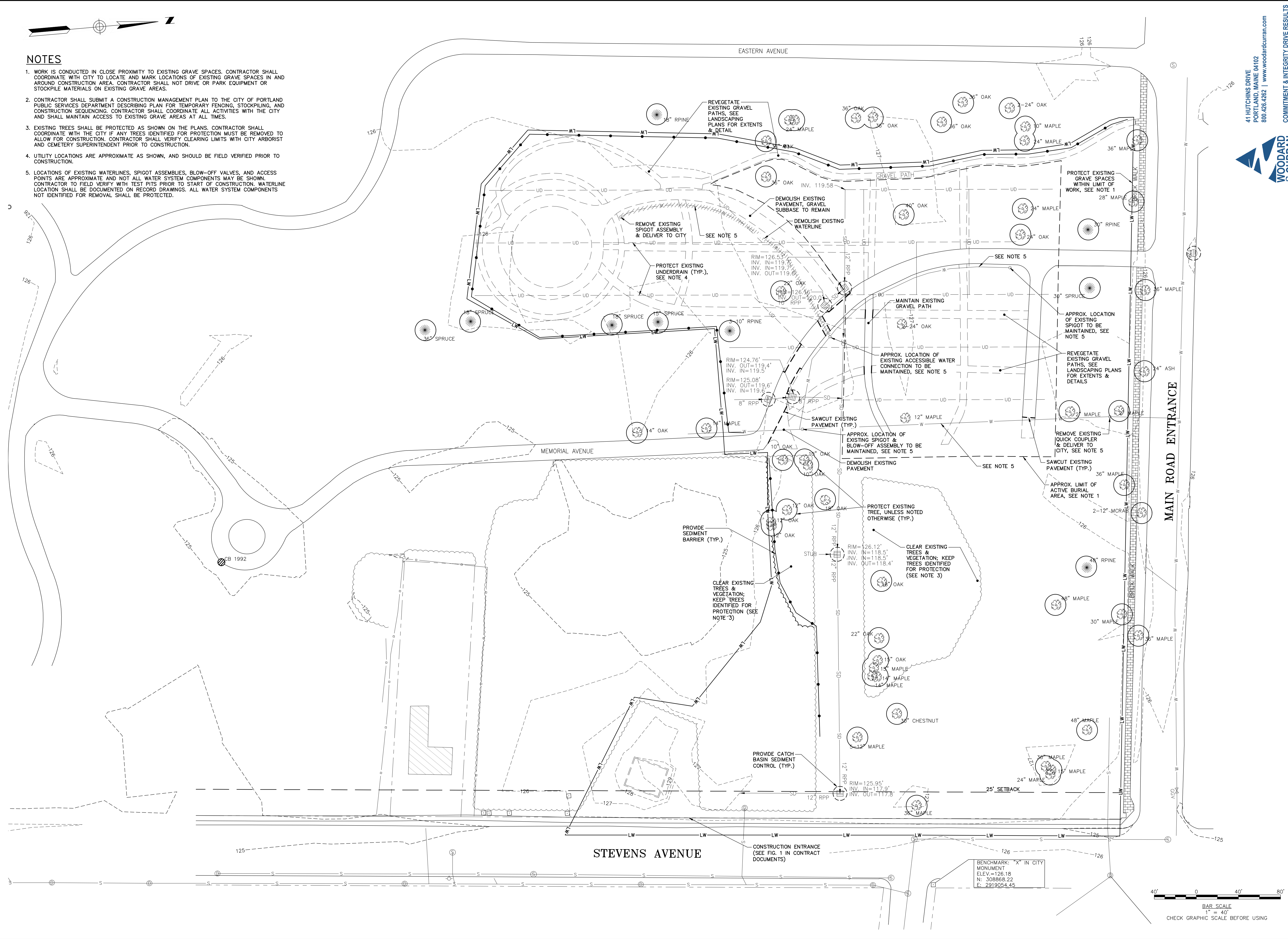
SHEET #
1 OF 8
PLAN NUMBER
G-001

41 HUTCHINS DRIVE
PORTLAND, MAINE 04102
800.426.6262 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

NOTES

1. WORK IS CONDUCTED IN CLOSE PROXIMITY TO EXISTING GRAVE SPACES. CONTRACTOR SHALL COORDINATE WITH CITY TO LOCATE AND MARK LOCATIONS OF EXISTING GRAVE SPACES IN AND AROUND CONSTRUCTION AREA. CONTRACTOR SHALL NOT DRIVE OR PARK EQUIPMENT OR STOCKPILE MATERIALS ON EXISTING GRAVE AREAS.
2. CONTRACTOR SHALL SUBMIT A CONSTRUCTION MANAGEMENT PLAN TO THE CITY OF PORTLAND PUBLIC SERVICES DEPARTMENT DESCRIBING PLAN FOR TEMPORARY FENCING, STOCKPILING, AND CONSTRUCTION SEQUENCING. CONTRACTOR SHALL COORDINATE ALL ACTIVITIES WITH THE CITY AND SHALL MAINTAIN ACCESS TO EXISTING GRAVE AREAS AT ALL TIMES.
3. EXISTING TREES SHALL BE PROTECTED AS SHOWN ON THE PLANS. CONTRACTOR SHALL COORDINATE WITH THE CITY IF ANY TREES IDENTIFIED FOR PROTECTION MUST BE REMOVED TO ALLOW FOR CONSTRUCTION. CONTRACTOR SHALL VERIFY CLEARING LIMITS WITH CITY ARBORIST AND CEMETERY SUPERINTENDENT PRIOR TO CONSTRUCTION.
4. UTILITY LOCATIONS ARE APPROXIMATE AS SHOWN, AND SHOULD BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
5. LOCATIONS OF EXISTING WATERLINES, SPIGOT ASSEMBLIES, BLOW-OFF VALVES, AND ACCESS POINTS ARE APPROXIMATE AND NOT ALL WATER SYSTEM COMPONENTS MAY BE SHOWN. CONTRACTOR TO FIELD VERIFY WITH TEST PITS PRIOR TO START OF CONSTRUCTION. WATERLINE LOCATION SHALL BE DOCUMENTED ON RECORD DRAWINGS. ALL WATER SYSTEM COMPONENTS NOT IDENTIFIED FOR REMOVAL SHALL BE PROTECTED.



41 HUTCHINS DRIVE
 PORTLAND, MAINE 04102
 800.426.4262 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS

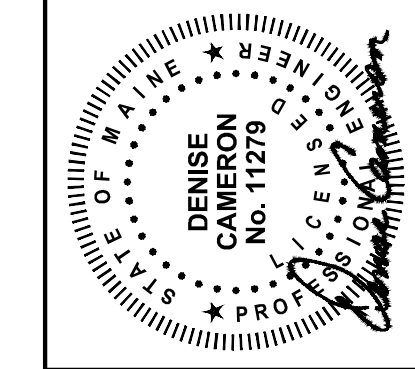
LDD PROJECT NAME:
 N/A

DRAWING NAME:
 222804-55 C10X.DWG

FIELD BOOK USED:
 N/A

REFERENCES:
 10-0689.dwg

DESIGNED BY: LJS	CHECKED BY: DLC
DRAWN BY: BCM	SCALE: 1"=40'
DATE: SEPT. 2014	



EVERGREEN CEMETERY
 PHASE II
 EXISTING CONDITIONS &
 DEMOLITION PLAN

CITY OF PORTLAND, MAINE
 PUBLIC SERVICES DEPARTMENT
 ENGINEERING SECTION



SHEET #
 2 OF 8

PLAN NUMBER
 C-100

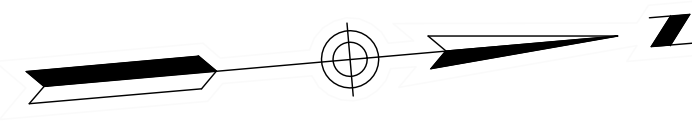
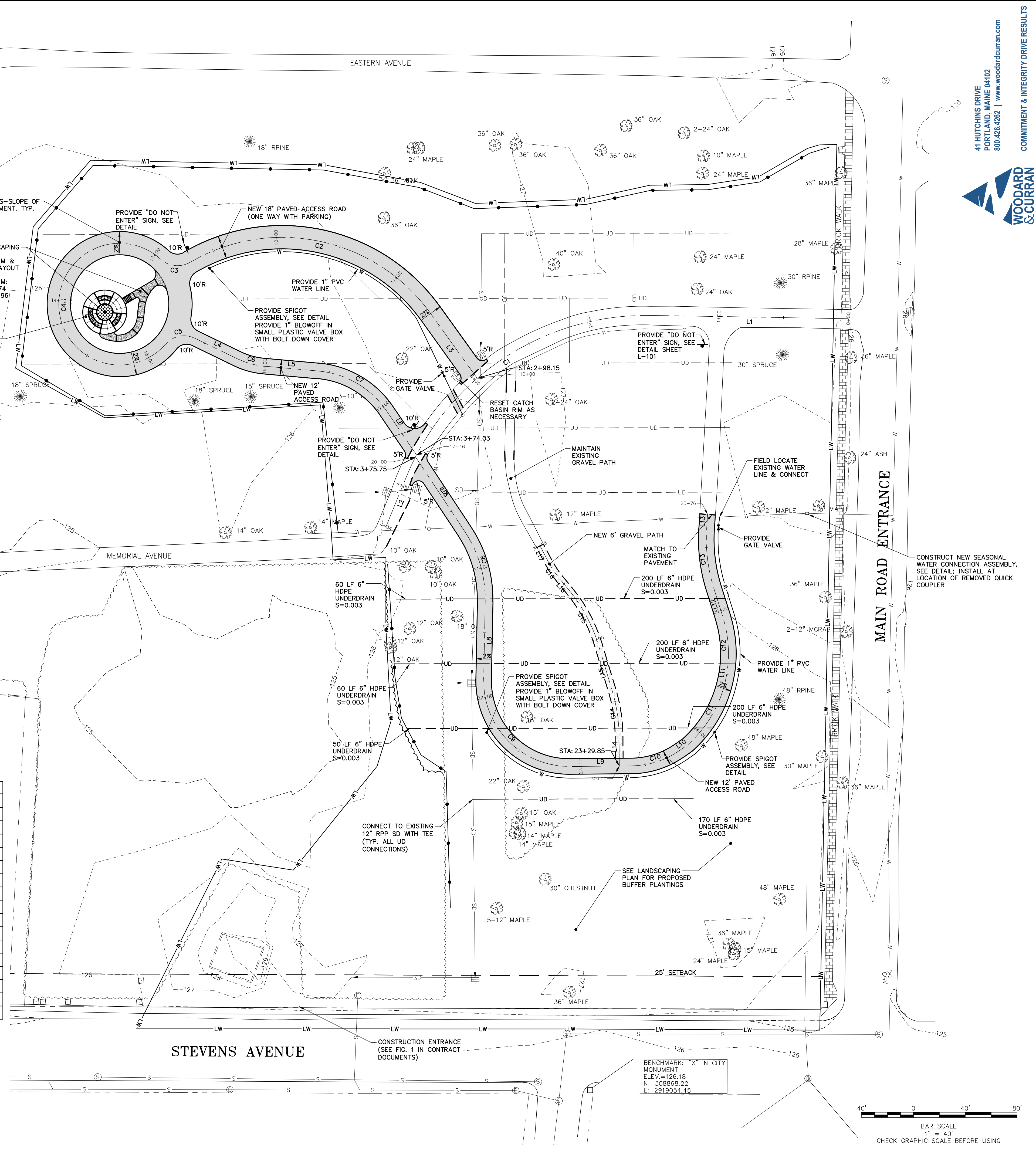
\\portland\Projects\222804-portland-Cem-Eng-Services\wp_55-Evergreen-Cemetery\Drawings\Design\222804-55-C10X.dwg, Sep. 04, 2014, 1:35pm

\\portland\Projects\222804 - Evergreen Cemetery - Gen Eng Services\Map_55_Evergreen Cemetery Drawings\Drawings\222804.55_C10X.dwg, Sep. 04, 2014 - 1:35pm

CENTERLINE ALIGNMENT LINE DATA						
Line #	Length	Direction	Start Point	End Point	Start Sta.	End Sta.
L1	152.474	S5° 56' 54.07"W	N:309118.83 E:2918476.89	N:308967.17 E:2918463.09	0+00.00	1+52.47
L2	41.719	S62° 45' 34.26"E	N:308768.63 E:2918570.47	N:308749.53 E:2918607.56	3+92.31	4+34.03
L3	61.520	S59° 20' 18.03"W	N:308629.50 E:2918499.77	N:308798.13 E:2918446.85	10+00.00	10+61.52
L4	36.314	N30° 51' 29.73"E	N:308615.19 E:2918449.96	N:308646.36 E:2918468.59	15+41.55	15+77.86
L5	42.700	N10° 09' 39.05"E	N:308666.21 E:2918476.02	N:308708.24 E:2918483.55	15+99.18	16+41.88
L6	41.059	N60° 47' 11.34"E	N:308757.69 E:2918518.78	N:308777.73 E:2918554.62	17+04.61	17+45.67
L7	69.323	N61° 30' 04.66"E	N:308776.81 E:2918556.07	N:308809.89 E:2918617.00	20+00.00	20+69.32
L8	59.986	S83° 50' 09.47"E	N:308820.73 E:2918671.94	N:308814.29 E:2918731.58	21+26.19	21+86.18
L9	47.399	N4° 29' 33.24"E	N:308874.74 E:2918804.46	N:308921.99 E:2918808.18	22+91.77	23+39.17
L10	7.974	N29° 51' 21.02"W	N:308960.02 E:2918799.62	N:308966.94 E:2918795.65	23+78.74	23+86.71
L11	0.286	N75° 36' 33.30"W	N:309001.58 E:2918743.81	N:309001.66 E:2918743.54	24+50.27	24+50.55
L12	23.377	S77° 31' 07.20"W	N:309002.36 E:2918690.86	N:308997.33 E:2918671.03	24+94.64	25+18.02
L13	11.149	N81° 14' 31.81"W	N:308995.83 E:2918630.99	N:308997.53 E:2918619.97	25+64.36	25+75.50
L14	24.113	N85° 30' 26.76"W	N:308912.70 E:2918907.45	N:308914.59 E:2918783.41	30+00.00	30+24.11
L15	37.589	S78° 12' 30.44"W	N:308912.43 E:2918743.49	N:308904.74 E:2918712.69	30+58.22	30+95.81
L16	10.538	S55° 17' 02.46"W	N:308885.91 E:2918668.87	N:308879.91 E:2918660.21	31+43.82	31+54.36
L17	13.807	S67° 13' 03.05"W	N:308871.91 E:2918645.63	N:308866.57 E:2918632.90	31+71.02	31+84.83

CENTERLINE ALIGNMENT CURVE DATA						
Curve	Length	Radius	Tangent	Delta	PC Sta.	PT Sta.
C1	239.84	200.00	136.71	68°42'28"	1+52.47	3+92.31
C2	208.41	141.00	128.50	84°41'13"	10+61.52	12+69.93
C3	24.16	19.00	14.03	72°52'13"	12+69.93	12+94.09
C4	222.66	47.00	45.84	271°26'16"	12+94.09	15+16.75
C5	24.80	19.00	14.52	74°46'29"	15+16.75	15+41.55
C6	21.31	59.00	10.77	20°41'51"	15+77.86	15+99.18
C7	62.73	71.00	33.58	50°37'32"	16+41.88	17+04.61
C8	56.87	94.00	29.33	34°39'46"	20+69.32	21+26.19
C9	105.60	66.00	67.95	91°40'17"	21+86.18	22+91.77
C10	39.57	66.00	20.40	34°20'54"	23+39.17	23+78.74
C11	63.55	94.00	33.05	38°44'19"	23+86.71	24+50.27
C12	44.09	94.00	22.46	26°52'20"	24+50.55	24+94.64
C13	46.34	125.00	23.44	21°14'21"	25+18.02	25+64.36
C14	34.11	120.00	17.17	16°17'03"	30+24.11	30+58.22
C15	48.01	120.00	24.33	22°55'28"	30+95.81	31+43.82
C16	16.66	80.00	8.36	11°56'01"	31+54.36	31+71.02

NOTE: SEE SHEET L-100 FOR GRAVE LAYOUT PLAN.



41 HUTCHINS DRIVE
PORTLAND, MAINE 04102
800.426.6262 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS

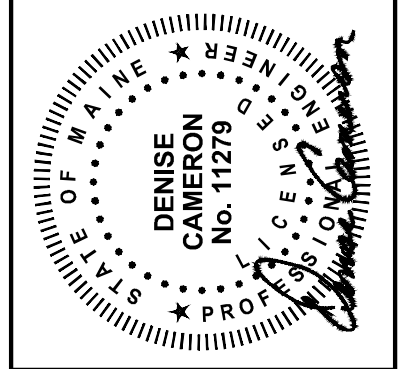
LDD PROJECT NAME:
N/A

DRAWING NAME:
222804.55 C10X.DWG

FIELD BOOK USED:
N/A

REFERENCES:
10-0689.dwg

DESIGNED BY: LJS	CHECKED BY: DLC	SCALE: 1"=40'	DATE: SEPT. 2014
DRAWN BY: BCM	DATE: SEPT. 2014		



EVERGREEN CEMETERY
PHASE II

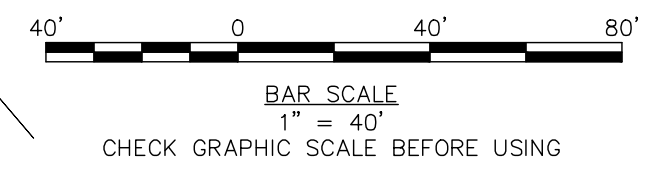
PROPOSED CONDITIONS PLAN

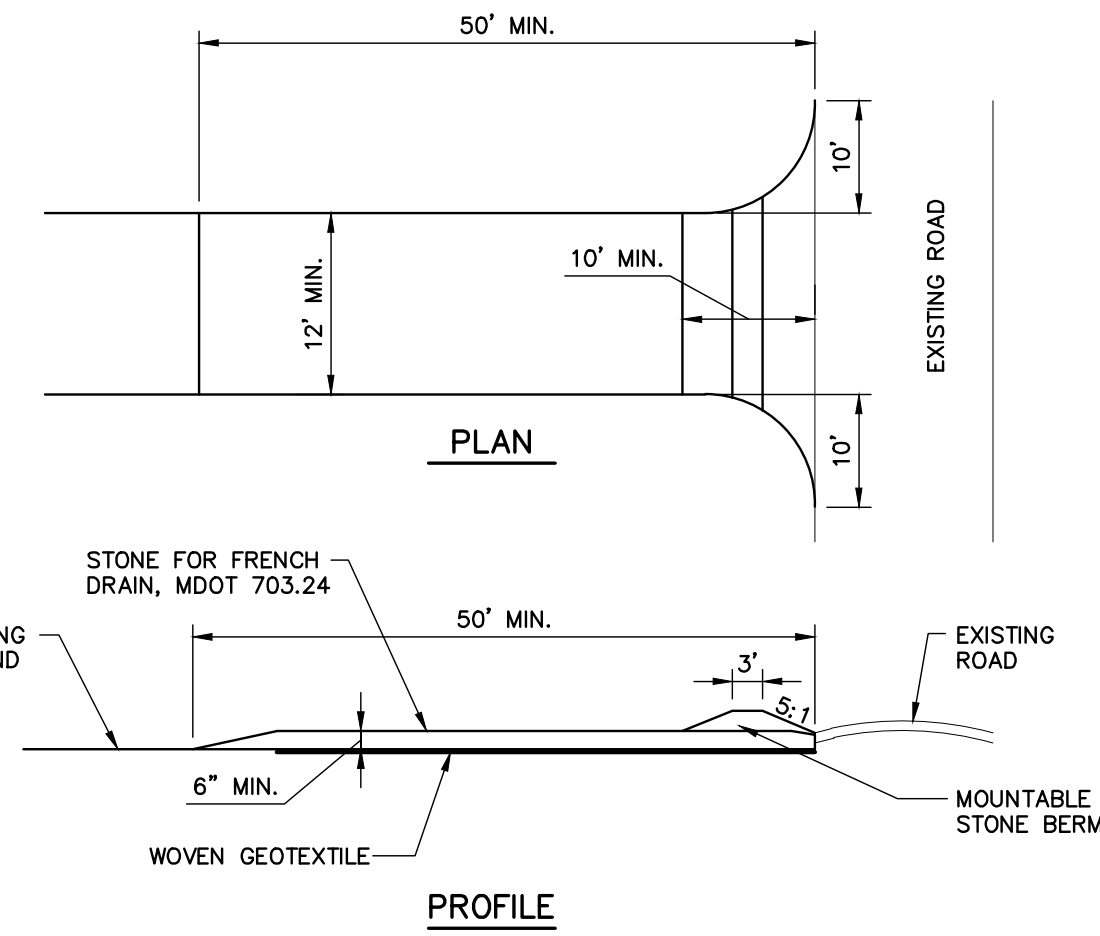
CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING SECTION



SHEET #
3 OF 8

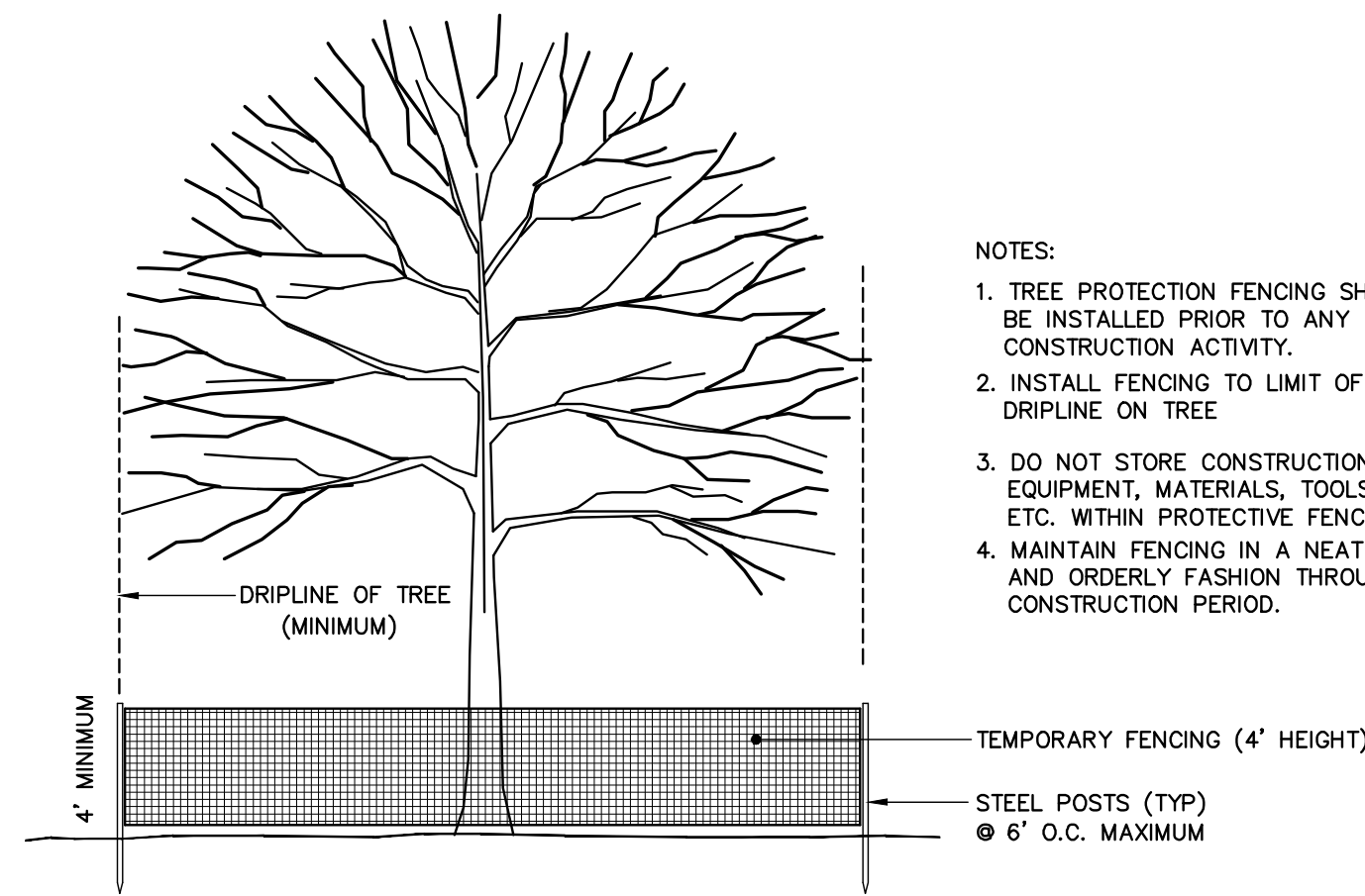
PLAN NUMBER
C-101





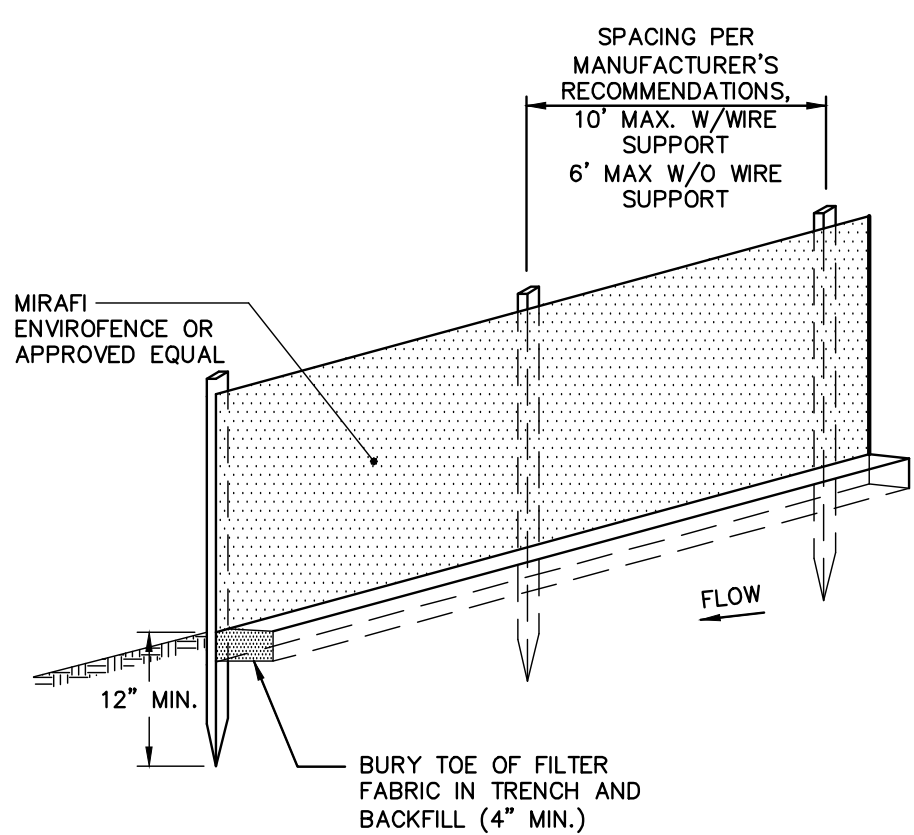
- NOTES:**
- CONSTRUCTION ENTRANCES MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
 - WHEEL WASH PITS MAY ALSO BE USED, IF APPROVED.
 - LOCATION OF CONSTRUCTION ENTRANCE SHALL BE APPROVED BY CITY PRIOR TO CONSTRUCTION.
- MAINTENANCE:** INSPECT FOR EFFECTIVE REMOVAL OF SOIL FROM VEHICLES PRIOR TO LEAVING THE SITE. SWEEP ANY SOIL FROM ADJACENT ROADWAYS.
- REMOVAL:** AT LEAST ONE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED UNTIL ALL AREAS OF THE SITE ARE STABILIZED.

STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.



- NOTES:**
- TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITY.
 - INSTALL FENCING TO LIMIT OF DRIPLINE ON TREE.
 - DO NOT STORE CONSTRUCTION EQUIPMENT, MATERIALS, TOOLS, ETC. WITHIN PROTECTIVE FENCING.
 - MAINTAIN FENCING IN A NEAT AND ORDERLY FASHION THROUGHOUT CONSTRUCTION PERIOD.

TREE PROTECTION - SECTION
N.T.S.

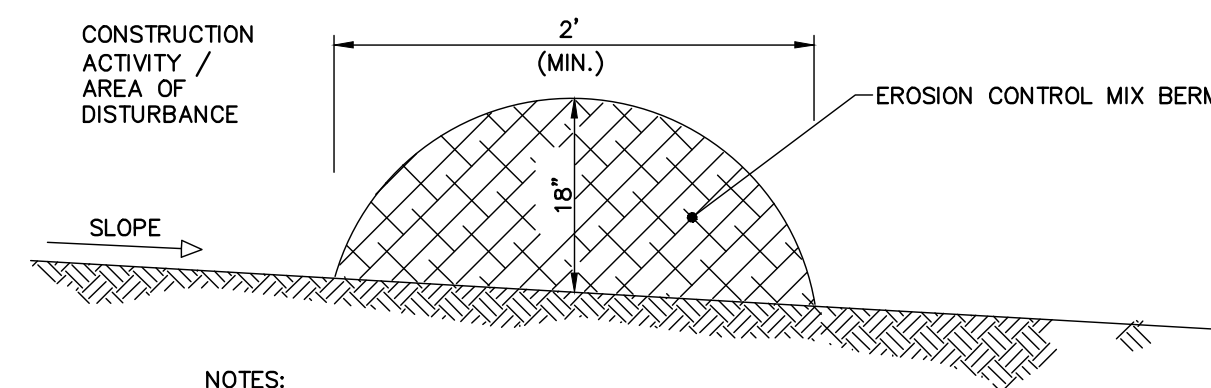


- NOTES:**
- INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS
 - INSTALL SILT FENCE ACROSS SLOPES
 - SILT FENCE SHALL NOT BE USED IN DRAINAGEWAYS

MAINTENANCE: INSPECT FOR TEARS IN THE FABRIC OR DAMAGE TO SUPPORTS. REPAIR AS NECESSARY. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES A DEPTH OF SIX-INCHES OR LESS.

REMOVAL: WHEN UPSLOPE AREAS ARE STABILIZED, THE STRUCTURE AND ANY ACCUMULATED SEDIMENT WILL BE REMOVED.

SEDIMENT BARRIER - SILTATION FENCE DETAIL
N.T.S.



NOTES:
Erosion Control Mix Berms

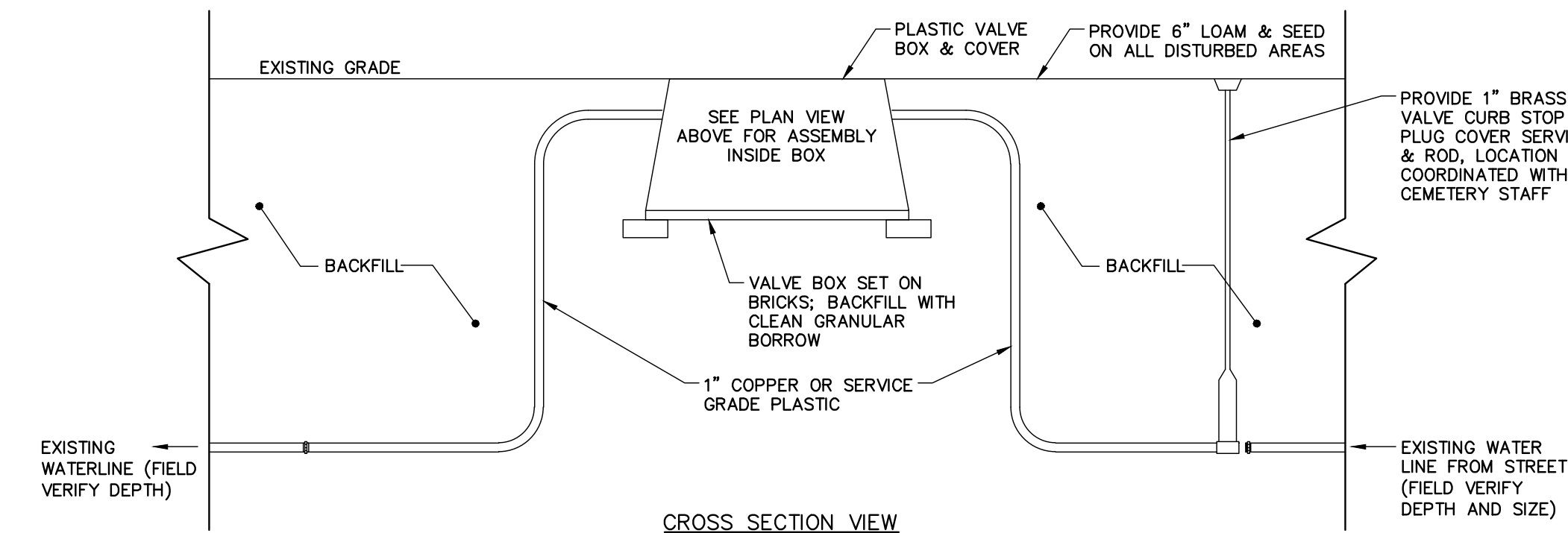
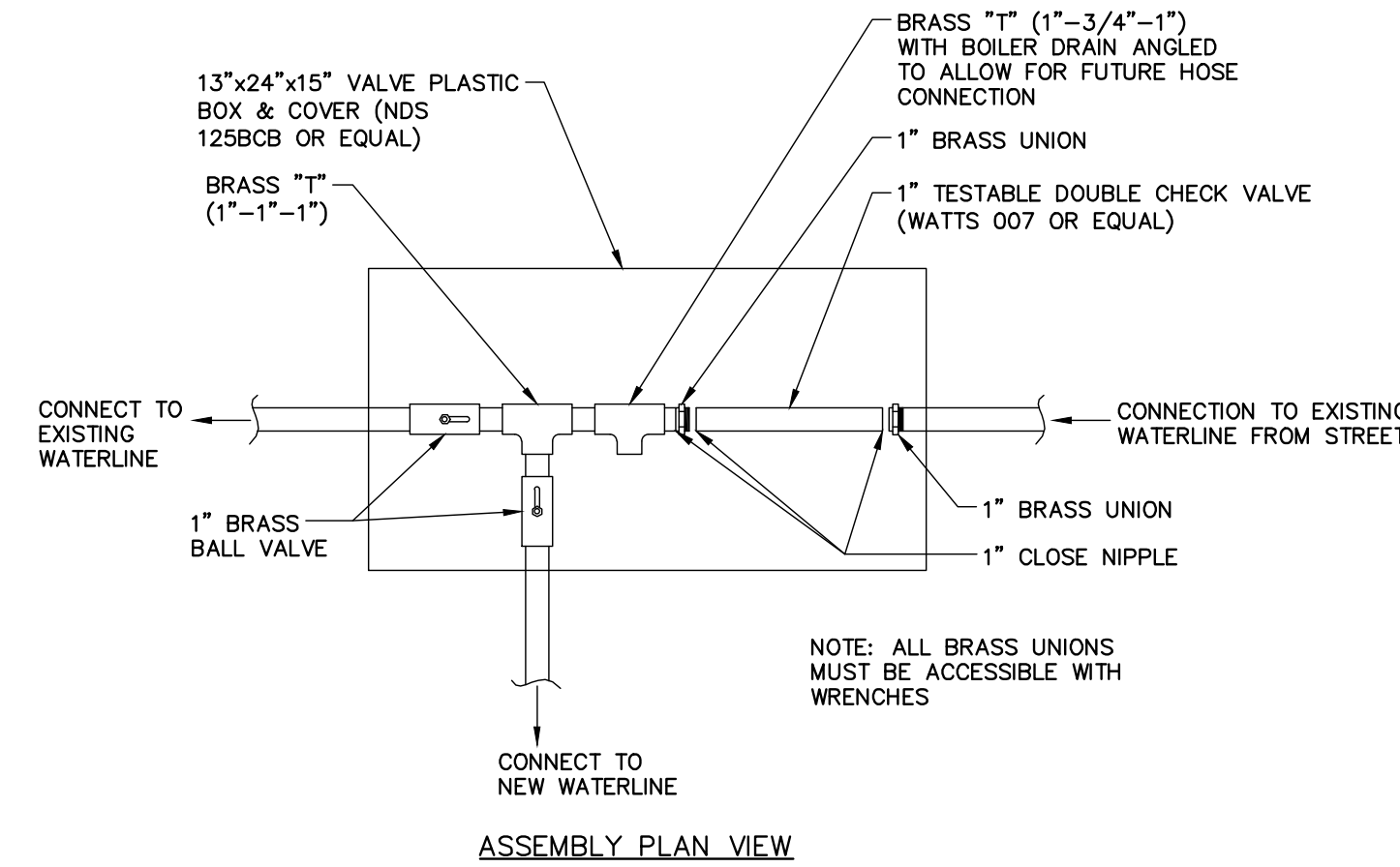
Erosion control mix can be manufactured on or off the project site. It must consist primarily of organic material and may include: shredded bark, stump grindings, composted bark, or acceptable manufactured products. Wood and bark chips, ground construction debris or reprocessed wood products will not be acceptable as the organic component of the mix.

Composition

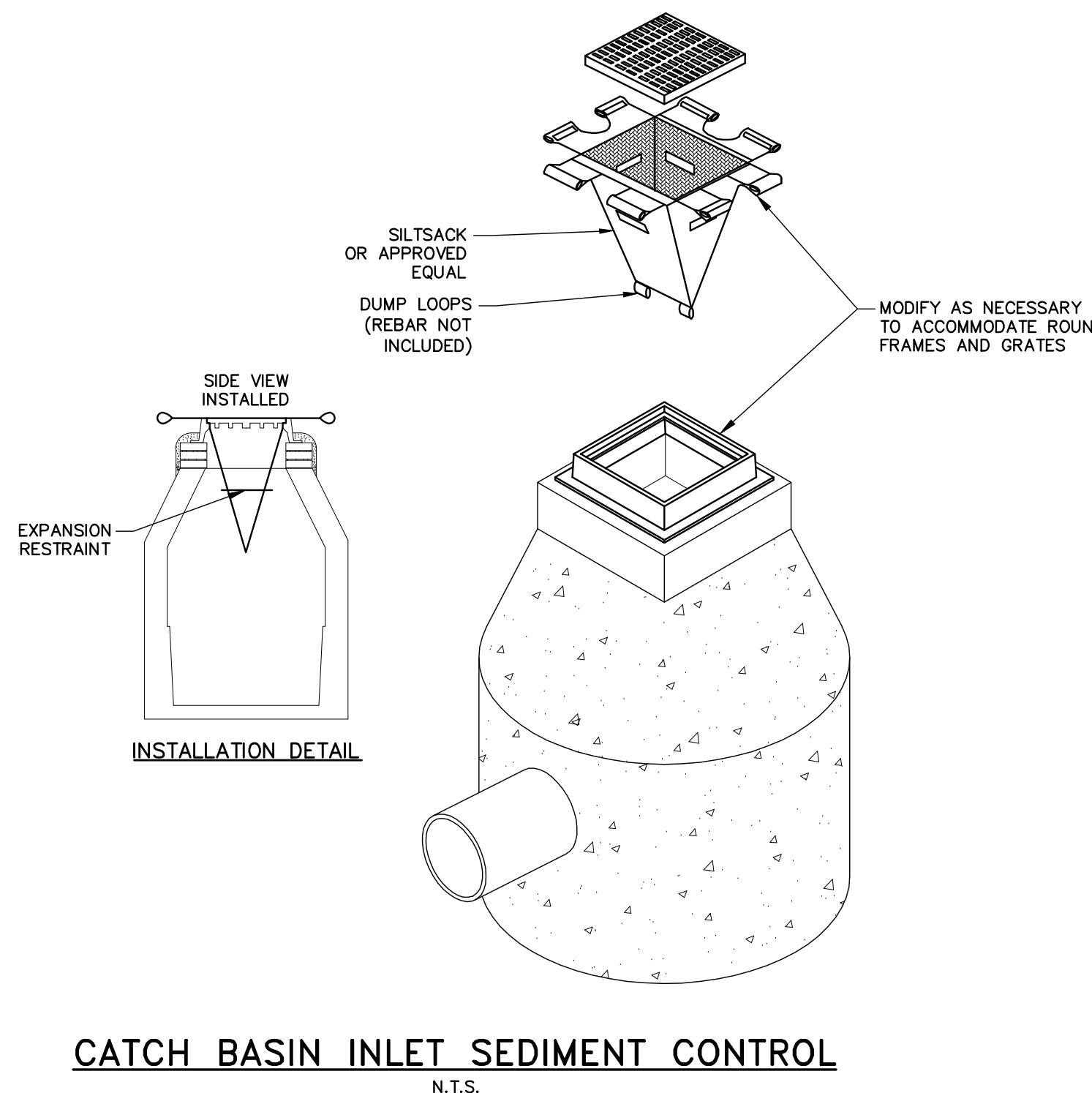
- Erosion control mix shall contain a well-graded mixture of particle sizes and may contain rocks less than 4" in diameter. Erosion control mix must be free of refuse, physical contaminants, and material toxic to plant growth. The mix composition shall meet the following standards:
- The organic matter content shall be between 80 and 100% dry weight basis.
 - Particle size by weight shall be 100% passing a 6" screen and a minimum of 70%, maximum of 85% passing a 0.75" screen.
 - The organic portion needs to be fibrous and elongated.
 - Large portions of silts, clays or fine sands are not acceptable in the mix.
 - Soluble salts content shall be < 4.0 mmhos/cm.
 - The pH should fall between 5.0 and 8.0.

SEDIMENT BARRIER - EROSION CONTROL MIX BERM
N.T.S.

EROSION AND SEDIMENT CONTROL NOTES		
Temporary Erosion Control		
Measure	Dates For Use	Timing, Activity, and Location
Sedimentation Barrier	ALL	Before soil disturbance, install downhill of areas to be disturbed and around material stockpiles.
Up-slope Diversion	ALL	Before soil disturbance, install uphill of areas to be disturbed and around material stockpiles.
Catch Basin Protection	ALL	Before soil or pavement disturbance, install ACF Environmental, Inc. High Flow Siltsock, Siltsover Inlet Filter, or equal, installed per manufacturer's requirements.
Dust Control	ALL	During dry weather, apply water and calcium chloride to control dust.
Temporary Seeding	April 15 to Oct. 1	Soil stockpiles that are not covered and disturbed areas that will not be disturbed again within 14 days. If grass growth provides less than 95% soil coverage by Nov. 1, apply mulch and anchor with erosion control blanket.



SEASONAL WATER CONNECTION & ASSEMBLY DETAIL
N.T.S.



CATCH BASIN INLET SEDIMENT CONTROL
N.T.S.

EROSION AND SEDIMENT CONTROL NOTES

TEMPORARY EROSION CONTROL MEASURES MAY INCLUDE THE USE OF STABILIZED CONSTRUCTION ENTRANCES, HYDRAULIC MULCH, HAY AND STRAW MULCH, EROSION CONTROL BLANKET, TURF REINFORCED MATTING, RIPRAP AND TEMPORARY SEEDING. TEMPORARY SEDIMENT CONTROL MEASURES INCLUDE THE USE OF SILT FENCE, EROSION CONTROL MIX BERMS, FLUNGE POOLS, CHECK DAMS, SEDIMENT TRAPS, CATCHBASIN SEDIMENT COLLECTION BAGS AND GEOTEXTILE FILTER BAGS. PERMANENT MEASURES INCLUDE THE USE OF RIPRAP AT EXPOSED STORMDRAIN AND CULVERT INLETS AND OUTLETS, ARMORED SWALES AND SLOPES AND PERMANENT VEGETATION.

GENERAL

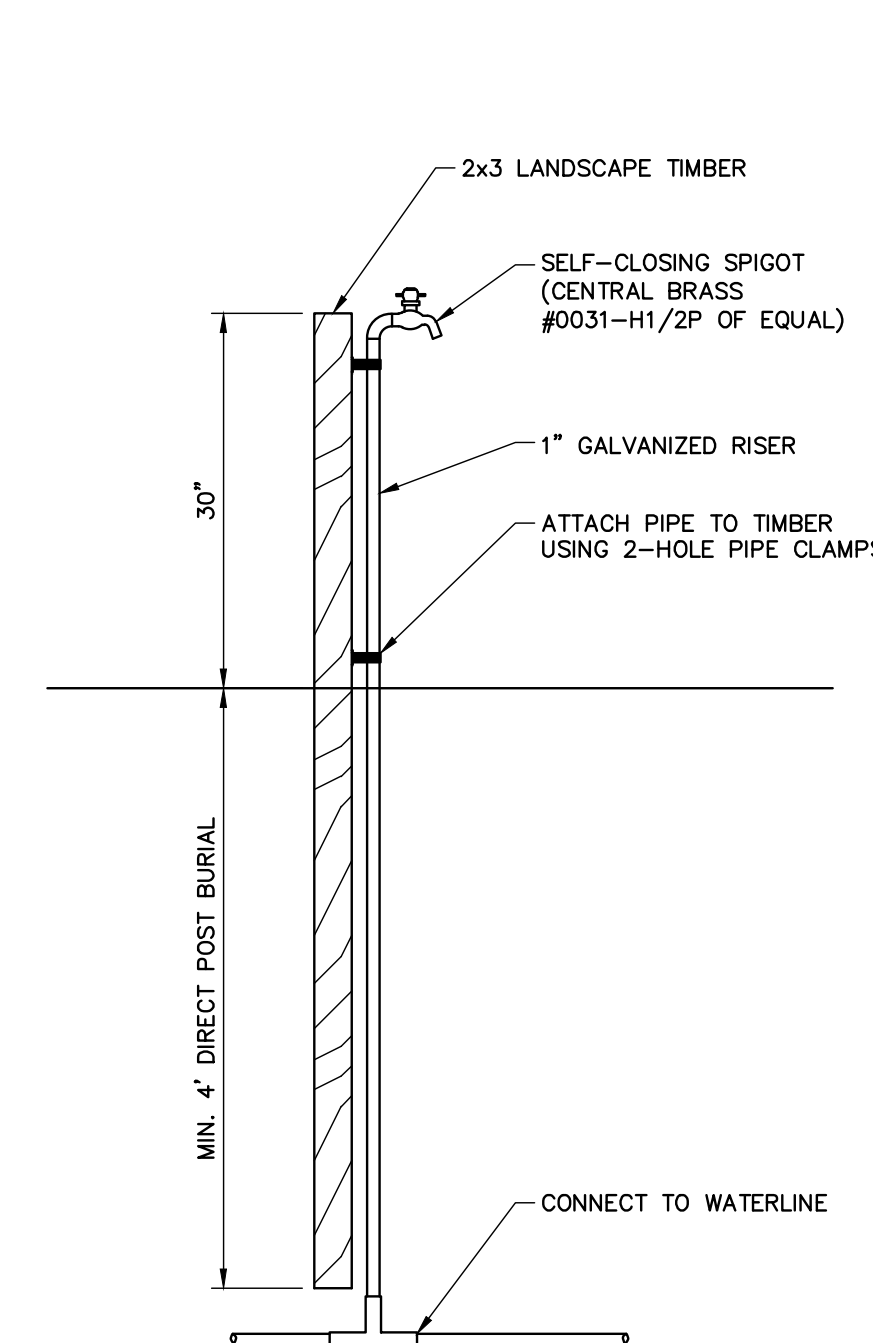
- THE PROJECT SHALL CONFORM WITH THE STANDARDS OF THE MAINE CONSTRUCTION GENERAL PERMIT, IF APPLICABLE.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MAINE EROSION AND SEDIMENT CONTROL BMPs HANDBOOK PUBLISHED BY THE MAINE DEP UNLESS OTHERWISE NOTED IN THESE PLANS. [HTTP://MAINE.GOV/DEP/96/WQ/DOC/STAND/ESBMPs/](http://maine.gov/dep/96/wq/doc/stand/esbmps/)
- ANY ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES DEEMED NECESSARY BY THE OWNER'S REPRESENTATIVE, DEPARTMENT OF ENVIRONMENTAL PROTECTION, AND/OR MUNICIPAL OFFICIALS SHALL BE INSTALLED BY THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL FINES RESULTING FROM EROSION OR SEDIMENTATION FROM THE SITE TO SURROUNDING PROPERTIES, WATER BODIES, OR WETLANDS AS A RESULT OF THIS PROJECT.
- THE CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE SITE WHENEVER POSSIBLE WHILE ALLOWING PROPER SITE DEVELOPMENT.
- CONSTRUCTION STAGING SHALL BE CONDUCTED IN A WAY TO MINIMIZE THE POTENTIAL FOR STORMWATER RUN-ON TO DISTURBED AREAS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION OF THE ABOVE PERSONNEL. DESCRIPTIONS OF PERMANENT STABILIZATION FOR VARIOUS COVER TYPES FOLLOWS:
 - FOR SEEDED AREAS, PERMANENT STABILIZATION MEANS THAT 90% OF THE DISTURBED AREA IS COVERED WITH REASONABLY THICK UNIFORM STAND OF PERMANENT GRASS SPECIES, FREE FROM SIZABLE THIN OR BARE SPOTS.
 - FOR SODDED AREAS, PERMANENT STABILIZATION MEANS THAT COMPLETE BINDING OF THE SOD ROOTS INTO THE UNDERLYING SOIL WITH NO SLUMPING OF THE SOD OR DIE OFF.
 - FOR MULCHED AREAS, PERMANENT STABILIZATION MEANS TOTAL COVERAGE OF THE EXPOSED AREA WITH AN APPROVED MULCH MATERIAL.
 - FOR AREAS STABILIZED WITH RIPRAP, PERMANENT STABILIZATION MEANS THAT SLOPES STABILIZED WITH RIPRAP HAVE AN APPROPRIATE BACKING OF A WELL-GRADED GRAVEL OR APPROVED GEOTEXTILE. STONE MUST BE SIZED APPROPRIATELY AND IN ACCORDANCE WITH SECTION E-6 OF THE MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL.
 - FOR PAVED AREAS, PERMANENT STABILIZATION MEANS THE PLACEMENT OF THE ASPHALT BINDER COURSE.
 - FOR OPEN CHANNELS, LEVEL SPREADERS, ENGINEERED BUFFERS OR OTHER DESIGNED STORMWATER CONVEYANCE STRUCTURE, PERMANENT STABILIZATION MEANS THE CHANNELIZED AREA(S) IS STABILIZED WITH MATURE VEGETATION AT LEAST THREE INCHES IN HEIGHT, WITH APPROVED RIPRAP OR WITH OTHER NON-EROSIVE LINING CAPABLE OF WITHSTANDING THE ANTICIPATED FLOW VELOCITIES AND FLOW DEPTHS WITHOUT RELIANCE ON CHECK DAMS TO SLOW FLOW. THERE SHALL BE NO EVIDENCE OF SLUMPING, UNDERCUTTING OR DOWNCUTTING OF THE DESIGNED CHANNEL.
- PROTECT ALL SEEDED AREAS WITH MULCH OR EROSION CONTROL BLANKET IN AREAS OF SHEET OR CONCENTRATED FLOWS. MULCH ALL AREAS SO THAT SOIL IS NOT VISIBLE THROUGH THE MULCH REGARDLESS OF THE APPLICATION RATE. SCHEDULE SEEDING OR SODDING TO AVOID FAILURE DUE TO SUMMER DROUGHT AND FALL FROST. NEWLY SEEDING AREAS SHOULD BE PROTECTED FROM VEHICLE TRAFFIC, PEDESTRIAN TRAFFIC AND CONCENTRATED RUNOFF UNTIL THE VEGETATION IS WELL ESTABLISHED. AREAS MUST BE REWORKED AND RESTABILIZED IF GERMINATION IS SPARSE OR SURFACE EROSION IS EVIDENT.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURE UPON STABILIZATION OF PROJECT AREA & COST SHALL BE INCIDENTAL TO CONTRACT.

GOOD HOUSEKEEPING AND POLLUTION PREVENTION

- SPILL PREVENTION CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER RUNOFF AND APPROPRIATE SPILL PREVENTION, CONTAINMENT AND RESPONSE PLANNING AND IMPLEMENTATION.
- DURING CONSTRUCTION, PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUND OR SURFACE WATERS MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO INFILTRATION AREAS. AN "INFILTRATION AREA" IS ANY ARE OF THE SITE THAT BY DESIGN, OR AS A RESULTS OF SOIL AND TOPOGRAPHY, ACCUMULATES RUNOFF THAT INFILTRATES IN THE SOIL. DIKES, BERMS, SUMPS AND OTHER FORMS OF TEMPORARY 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.
- LOCATE ALL MATERIAL STOCKPILES WITH CONSIDERATION FOR STORMWATER DRAINAGE PATTERNS AND INFRASTRUCTURE.
- TAKE ALL REASONABLE MEASURES TO MINIMIZE DUST RESULTING FROM THE PROJECT. OIL MAY NOT BE USED FOR DUST CONTROL.
- LOCATE ALL LITTER, CONSTRUCTION DEBRIS AND CONSTRUCTION CHEMICALS WITH CONSIDERATION FOR STORMWATER DRAINAGE PATTERNS AND INFRASTRUCTURE.
- TRENCH OR FOUNDATION DE-WATERING MUST BE SPREAD THROUGH SUFFICIENT NATURAL BUFFERS THAT HAVE CAPACITY TO INFILTRATE THE PUMPED WATER OR SHOULD BE PUMPED TO DESIGNED CONSTRUCTION DEWATERING DEVICES AS DESCRIBED IN THE MAINE EROSION AND SEDIMENT CONTROL BMPs HANDBOOK.
- SEDIMENTS AND SOIL MATERIALS SHOULD BE SWEEPED FROM PAVED SURFACES AT THE END OF EACH WORKDAY OR PRIOR TO RAIN EVENTS, WHENEVER POSSIBLE.

INSPECTION AND MAINTENANCE

- A PERSON WITH KNOWLEDGE OF EROSION AND STORMWATER CONTROLS, INCLUDING THE STANDARDS IN THE MAINE CONSTRUCTION GENERAL PERMIT, THE MAINE EROSION AND SEDIMENT CONTROL BMPs HANDBOOK OR ANY MUNICIPAL REQUIREMENTS MUST CONDUCT THE INSPECTION. THIS PERSON MUST BE IDENTIFIED IN THE INSPECTION LOG. IF ADDITIONAL BMPs OR MODIFICATIONS TO BMPs ARE NECESSARY, THE MODIFICATIONS MUST BE IMPLEMENTED WITH 7 CALENDAR DAYS OR PRIOR TO ANY PRECIPITATION EVENT. ALL MEASURES MUST BE MAINTAINED IN EFFECTIVE OPERATING CONDITION UNTIL AREAS ARE PERMANENTLY STABILIZED.
- AN INSPECTION AND MAINTENANCE LOG MUST BE KEPT BY THE CONTRACTOR, SUMMARIZING THE SCOPE OF THE INSPECTION, DATE, AND MAJOR OBSERVATIONS RELATING TO THE OPERATION OF EROSION AND SEDIMENT CONTROL BMPs, MATERIAL STORAGE AREAS, AND VEHICLE ACCESS POINTS TO THE CONSTRUCTION AREA. THE INSPECTION LOG SHOULD BE DELIVERED TO THE PROPERTY OWNER OR RESPONSIBLE CONTRACTING ENTITY UPON COMPLETION OF THE PROJECT.



WATER SPIGOT DETAIL
N.T.S.

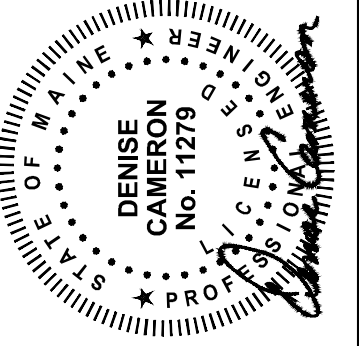
41 HUTCHINS DRIVE
PORTLAND, MAINE 04102
800.426.4262 | www.woodardcurran.com



COMMITMENT & INTEGRITY DRIVE RESULTS

LDD PROJECT NAME:
N/A
DRAWING NAME:
222804.55 CIOX.DWG
FIELD BOOK USED:
N/A

DESIGNED BY:
LJS
DRAWN BY:
BCM
CHECKED BY:
DLC
SCALE:
AS NOTED
DATE:
SEPT. 2014



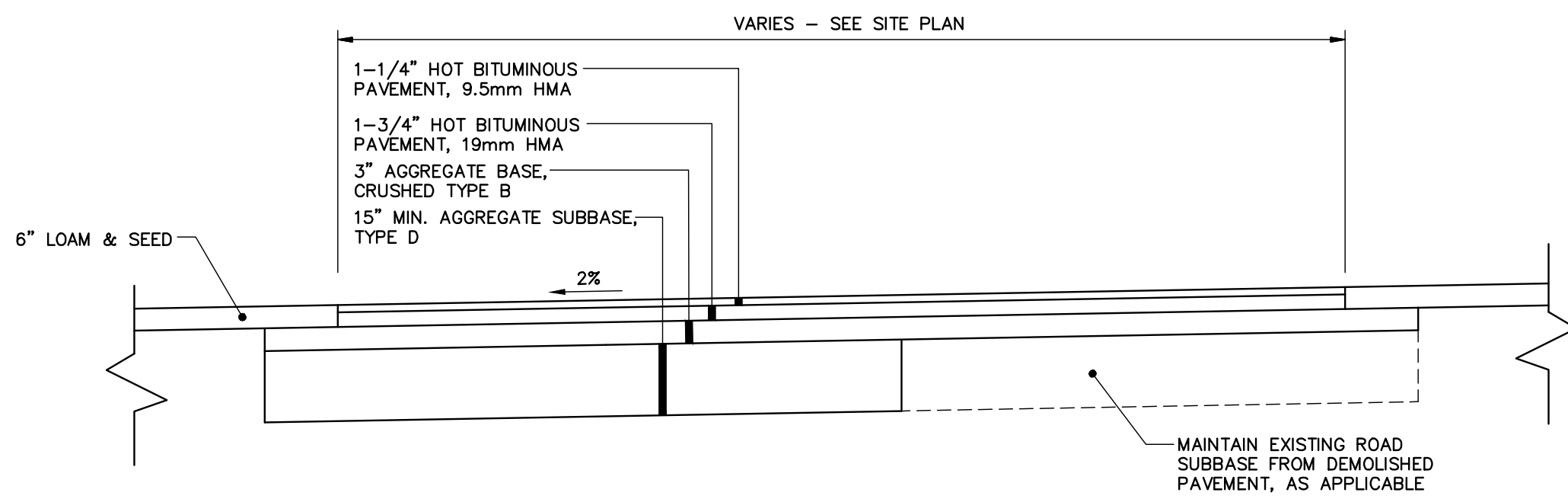
EVERGREEN CEMETERY
PHASE II
CIVIL DETAILS - 1

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING SECTION



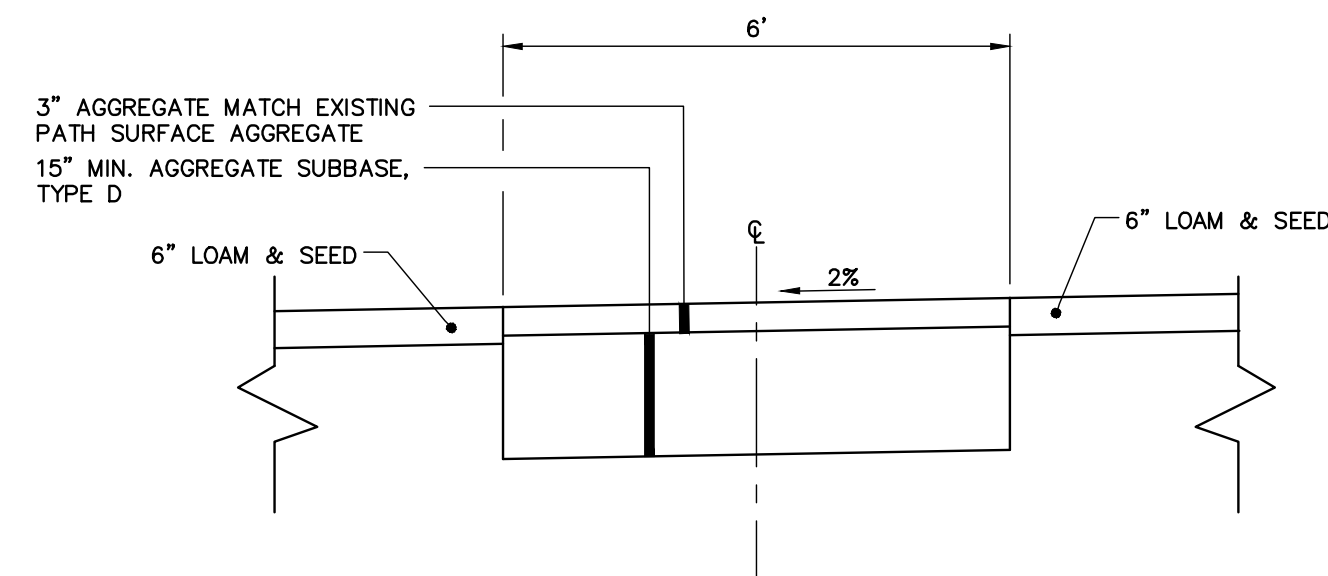
SHEET #
4 OF 8
PLAN NUMBER
C-103

\\portland\Projects\222804 - Gen Eng Services\Map_05 Evergreen Cemetery\Drawings\222804.55 CIDX.dwg, Sep. 04, 2014 - 1:35pm



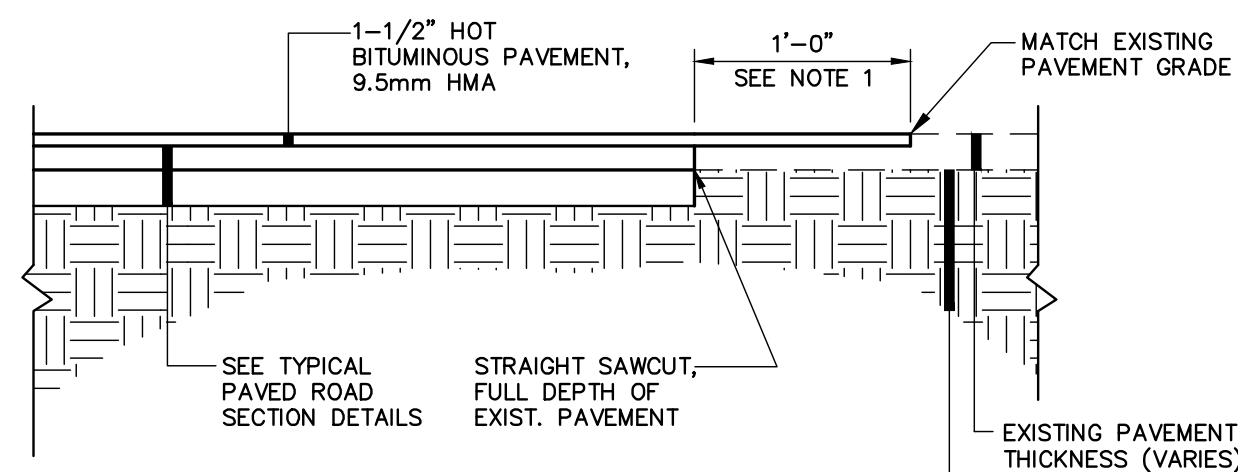
TYPICAL PAVED ROAD SECTION

N.T.S.
NOTE: AGGREGATE TYPES PER MDOT SECTION 304.02



TYPICAL GRAVEL PATH SECTION

N.T.S.
NOTE: AGGREGATE TYPES PER MDOT SECTION 304.02

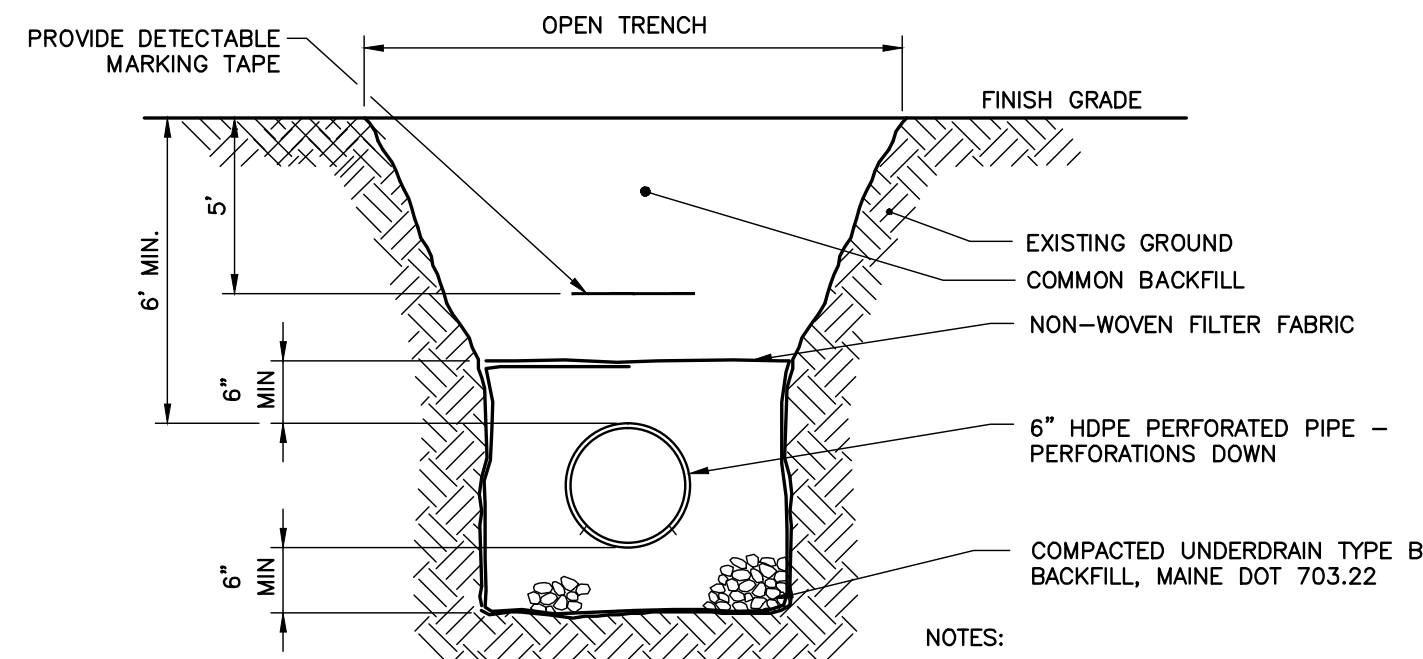


NOTES:

1. GRIND EXISTING PAVEMENT, TO 1-1/2" DEPTH.
2. PROVIDE BITUMINOUS TACK COAT ON VERTICAL AND HORIZONTAL SURFACES PRIOR TO PAVING.
3. DETAIL APPLICABLE TO PAVEMENT BUTT JOINTS AT ROADWAY WORK LIMITS. REFER TO PIPE INSTALLATION DTL OR PAVED ROAD SECTION DTLs FOR TRENCH REPAIR REQUIREMENTS.

PAVEMENT BUTT JOINT DETAIL

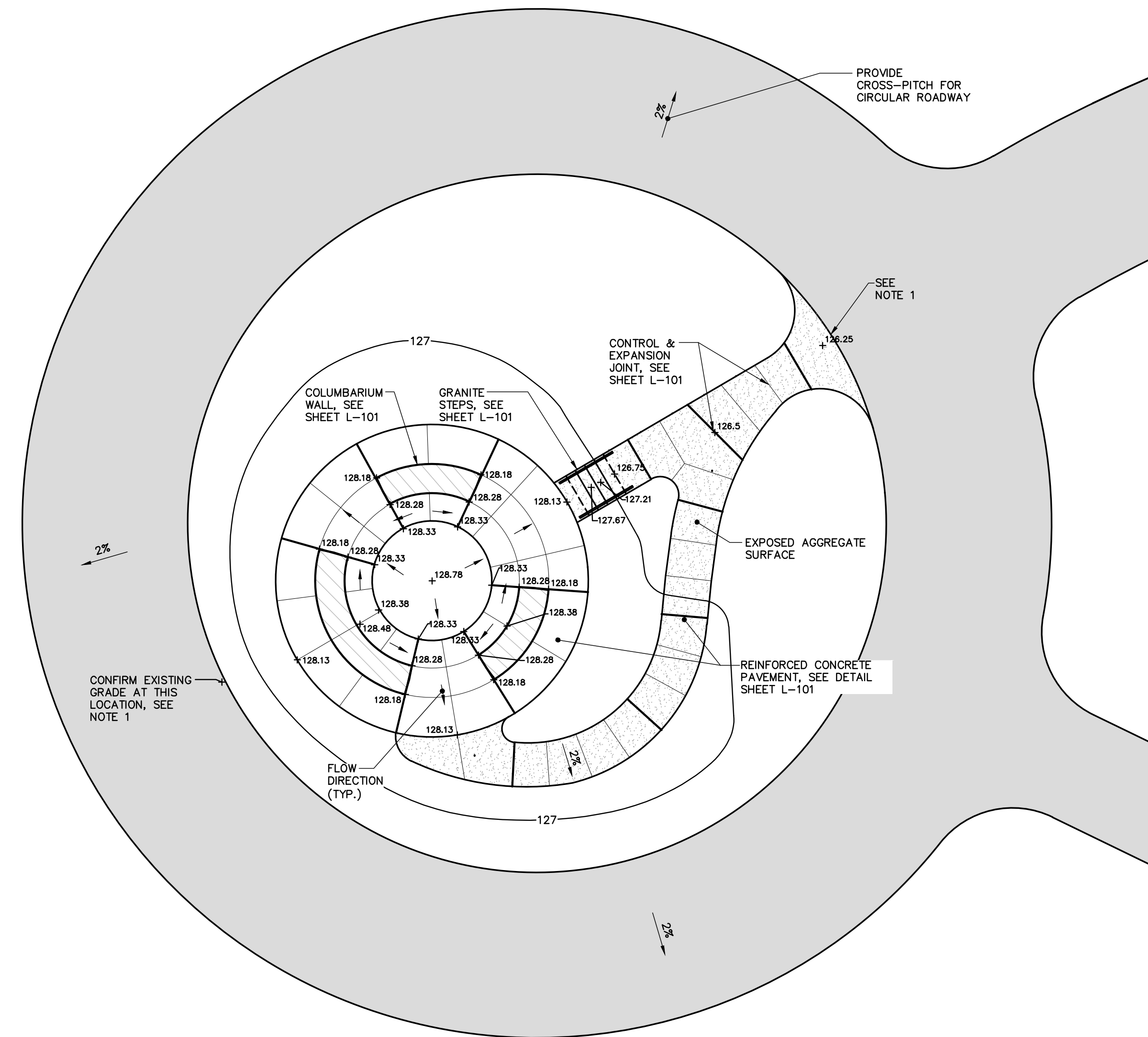
N.T.S.



UNDERDRAIN TRENCH DETAIL

N.T.S.

- NOTES:**
1. MAINTAIN UNIFORM TRENCH WIDTH TO 6" OVER PIPE.
 2. PROVIDE RIGID INSULATION WHERE DRAIN PIPE PASSES BENEATH OR OVER OTHER BURIED UTILITY.



COLUMBARIUM GRADING DETAIL

SCALE: 1"=10'

NOTES:

1. COLUMBARIUM GRADES SHALL BE RELATIVE TO ELEVATION AT LOCATION WHERE CONCRETE SIDEWALK TIES INTO PAVEMENT CIRCLE. CONTRACTOR SHALL VERIFY GRADE AT THE LOCATION AND AT SECOND LOCATION BEHIND COLUMBARIUM AND SHALL PROVIDE ELEVATION TO THE ENGINEER PRIOR TO START OF CONSTRUCTION OF COLUMBARIUM. GRADES WILL BE ADJUSTED AS NECESSARY AT THAT TIME.
2. FIELD ADJUSTMENTS OF GRADES TO PROVIDE POSITIVE DRAINAGE MAY BE MADE AS NECESSARY, WITH REVIEW BY ENGINEER.

41 HUTCHINS DRIVE
PORTLAND, MAINE 04102
800.426.4262 | www.woodardcurran.com

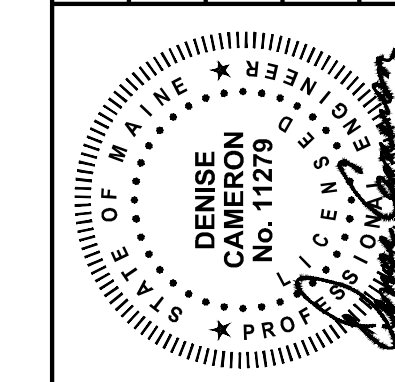


COMMITMENT & INTEGRITY DRIVE RESULTS

LDD PROJECT NAME: N/A
DRAWING NAME: 222804.55 CIDX.DWG
FIELD BOOK USED: N/A

REFERENCES:

DESIGNED BY: LJS
DRAWN BY: BCM
CHECKED BY: DLG
SCALE: AS NOTED
DATE: SEPT. 2014



EVERGREEN CEMETERY
PHASE II

CIVIL DETAILS - 2

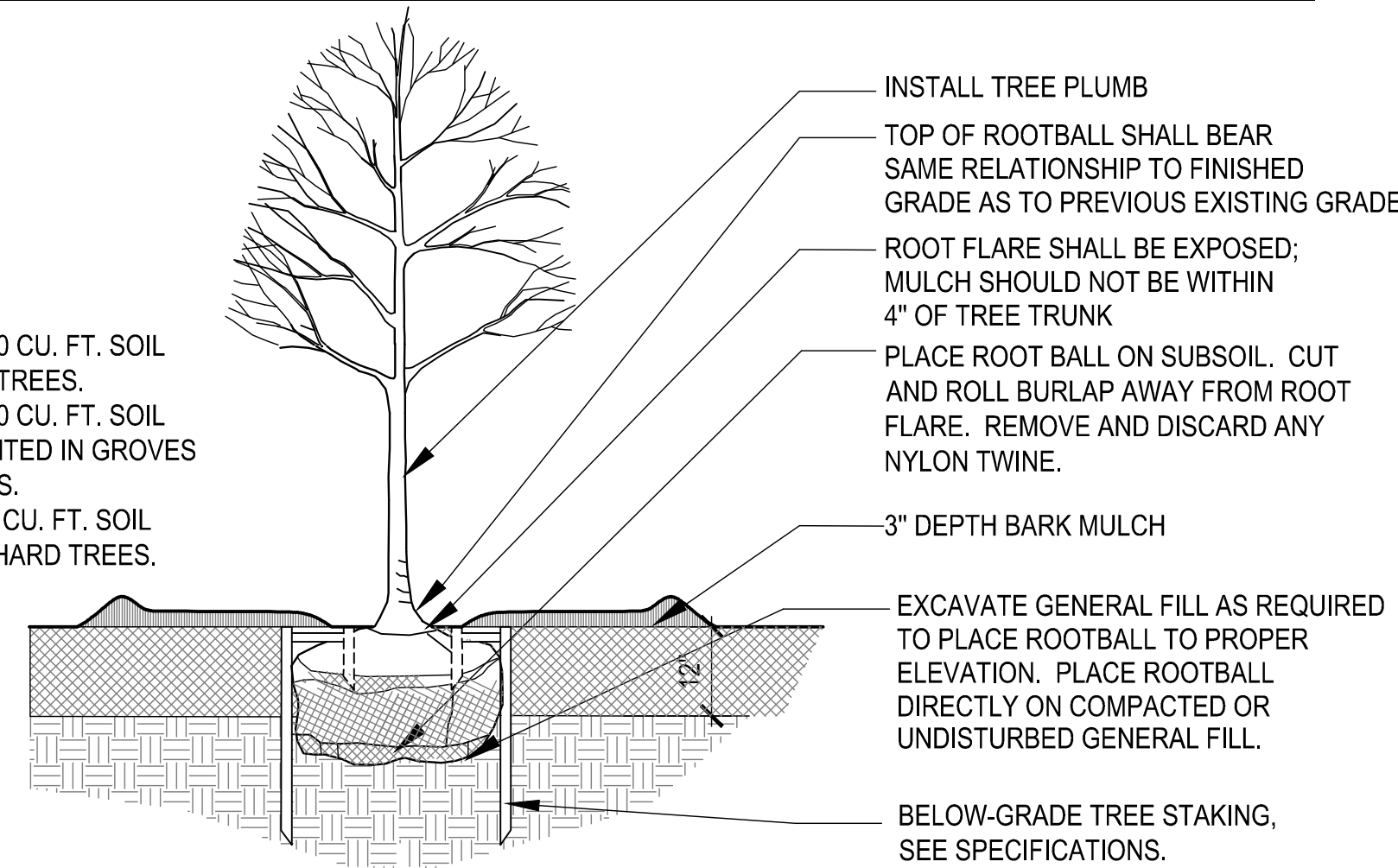
CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING SECTION



SHEET #
5 OF 8

PLAN NUMBER
C-104

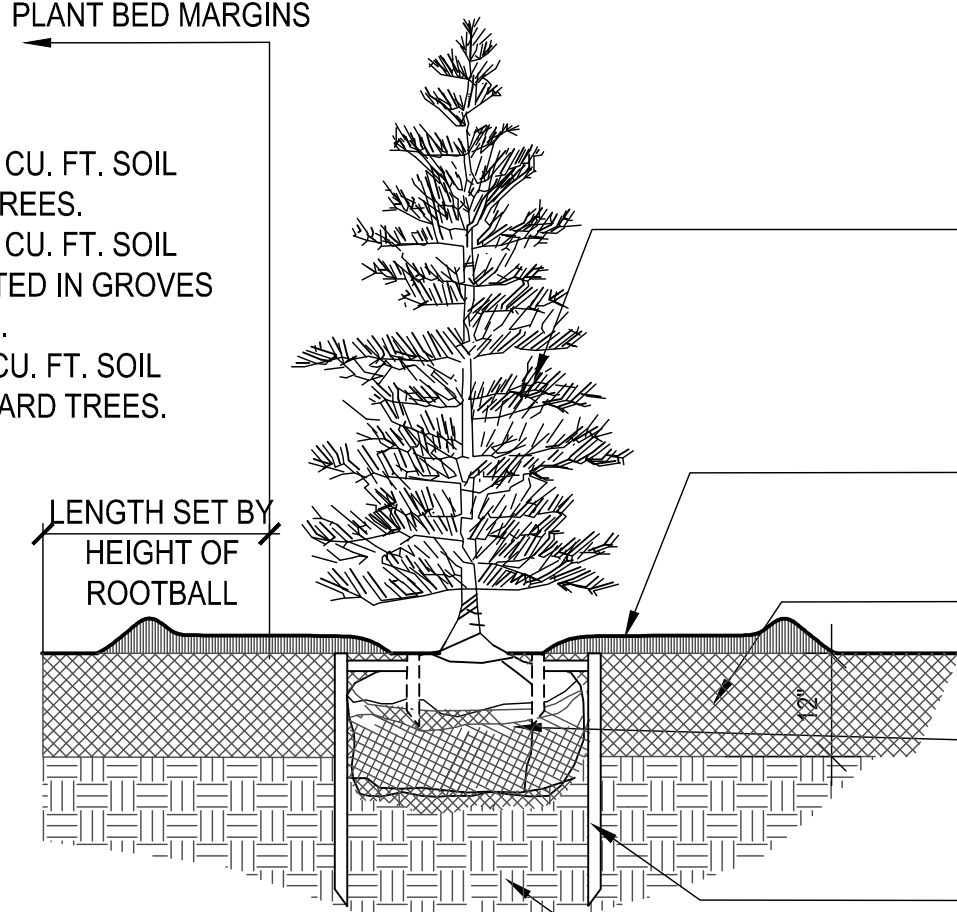
PLANT LIST					
Deciduous Trees					
Qty.	KEY	Botanical Name	Common Name	Size	Comments
5	AR	<i>Acer rubrum</i>	Red Maple	2-3" cal. B&B	
6	AS	<i>Acer saccharum</i>	Sugar Maple	2-3" cal. B&B	
6	BA	<i>Betula alleghaniensis</i>	Yellow Birch	7" cal. B&B	Single stem
5	QB	<i>Quercus bicolor</i>	Swamp White Oak	2-3" cal. B&B	
4	QR	<i>Quercus rubra</i>	Red Oak	2-3" cal. B&B	
5	ZS	<i>Zelkova serrata</i>	Japanese Zelkova	2-3" cal. B&B	
Small Flowering Trees					
Qty.	KEY	Botanical Name	Common Name	Size	Comments
8	MDW	<i>Malus 'Donald Wyman'</i>	Donald Wyman Crab-apple	2-2.25" cal. B&B	
5	MHG	<i>Malus 'Harvest Gold'</i>	Harvest Gold Crab-apple	2-2.25" cal. B&B	
5	MJ	<i>Malus 'Jackii'</i>	Jackii Crab-apple	2-2.25" cal. B&B	
5	MSN	<i>Malus 'Snowdrift'</i>	Snowdrift Crab-apple	2-2.25" cal. B&B	
Evergreen Trees					
Qty.	KEY	Botanical Name	Common Name	Size	Comments
4	AC	<i>Abies concolor</i>	White Fir	7-8 ft. tall	
4	PA	<i>Picea abies</i>	Norway Spruce	7-8 ft. tall	
11	PG	<i>Picea glauca</i>	White Spruce	7-8 ft. tall	
6	PO	<i>Picea omorika</i>	Serbian Spruce	7-8 ft. tall	
Apple Orchard Trees					
Qty.	KEY	Botanical Name	Common Name	Size	Comments
1	MAK	<i>Malus 'Ashmead's Kernel'</i>	Ashmead's Kernel Apple	3/4" cal. B&B	
1	MB	<i>Malus 'Baldwin'</i>	Baldwin Apple	3/4" cal. B&B	
1	MBA	<i>Malus 'Briggs Auburn'</i>	Briggs Auburn Apple	3/4" cal. B&B	
1	MBC	<i>Malus 'Bramford Cider'</i>	Bramford Cider Apple	3/4" cal. B&B	
1	MBO	<i>Malus 'Black Oxford'</i>	Black Oxford Apple	3/4" cal. B&B	
1	MBP	<i>Malus 'Blue Pearmain'</i>	Blue Pearmain Apple	3/4" cal. B&B	
1	MBR	<i>Malus 'Brown's Cider'</i>	Brown's Cider Apple	3/4" cal. B&B	
Groundcover					
Qty.	KEY	Botanical Name	Common Name	Size	Comments
150	VM	<i>Vinca minor</i>	Periwinkle	#4 pot	Plant at 12" O.C.



4 DECIDUOUS TREE PLANTING

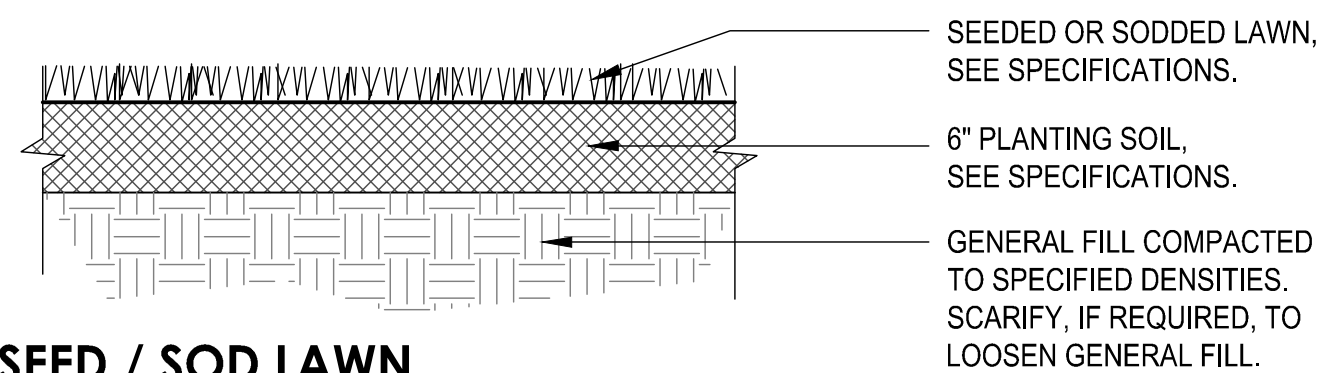
NTS
PLANT BED MARGINS

NOTE:
PROVIDE MIN. 800 CU. FT. SOIL FOR INDIVIDUAL TREES.
PROVIDE MIN. 500 CU. FT. SOIL FOR TREES PLANTED IN GROVES OR SHARED BEDS.
PROVIDE MIN. 50 CU. FT. SOIL FOR APPLE ORCHARD TREES.



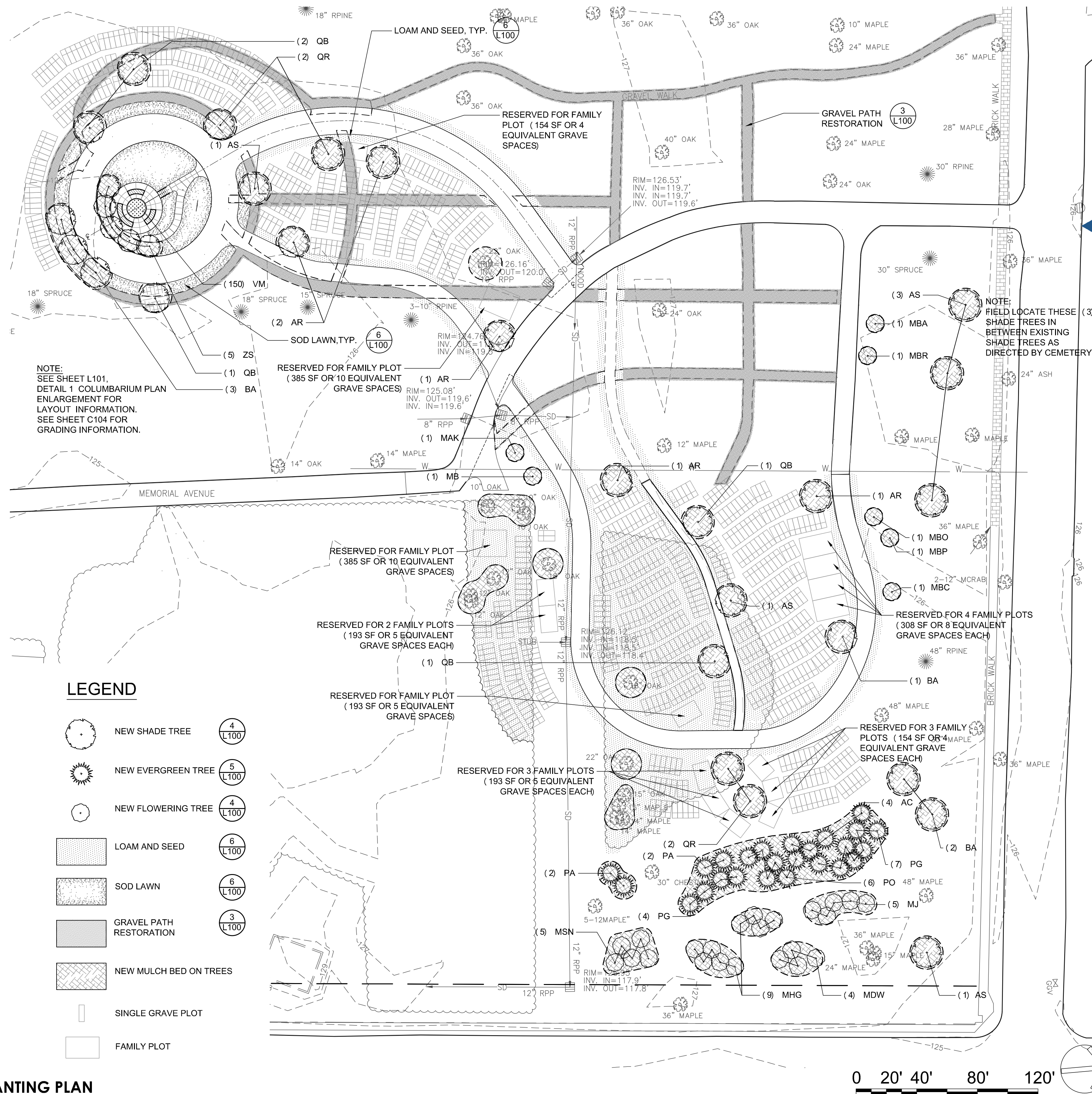
5 EVERGREEN TREE PLANTING

NTS
NOTE:
SEE PLANTING PLAN FOR SOD AND SEED LOCATIONS.



6 LOAM AND SEED / SOD LAWN

NTS



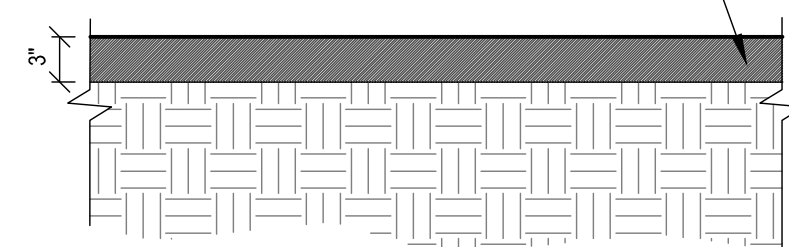
1 PLANTING PLAN

1" = 40'-0"

3 GRAVEL PATH RESTORATION

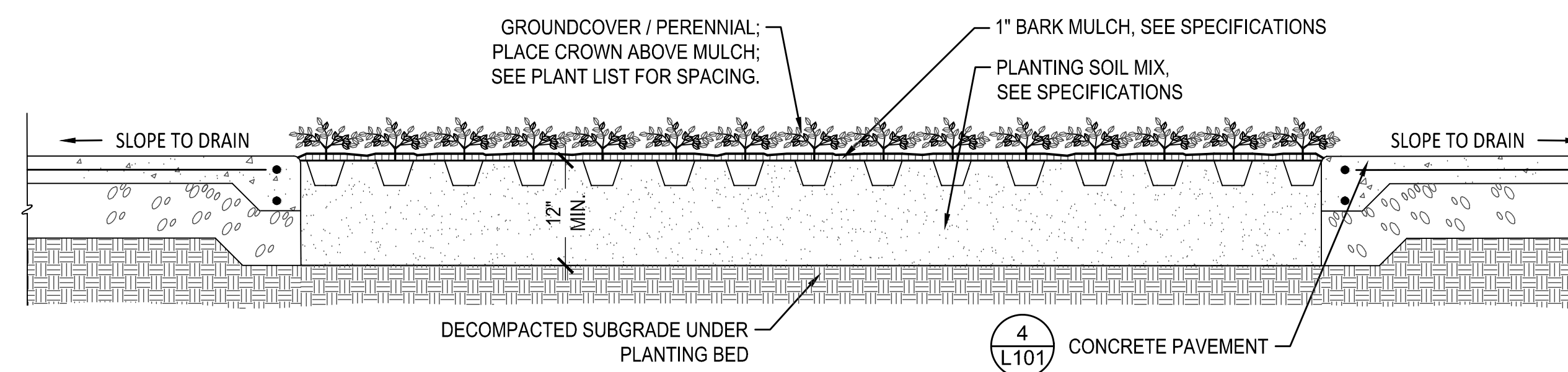
NTS

REMOVE AND DISCARD TOP 3" OF AGGREGATE OF EXISTING PATHWAYS. SPREAD PLANTING SOIL TO A DEPTH OF 3" ACROSS THE EXCAVATED WIDTH OF THE AGGREGATE WALKWAY. SEED WITH SPECIFIED SEED MIX. SEE SPECIFICATIONS.



2 PLANTER CROSS SECTION

NTS



41 HUTCHINS DRIVE
PORTLAND, MAINE 04102
800.426.4262 | www.woodardcurran.com

WOODARD & CURRAN

COMMITMENT & INTEGRITY DRIVE RESULTS

LDD PROJECT NAME:
N/A

DRAWING NAME:
XR-SITE-EVERGREEN.DWG

FIELD BOOK USED:
N/A

REFERENCES:
10-0869.dwg

DESIGNED BY:
HA/US

DRAWN BY:
US

CHECKED BY:
HA/JL

SCALE:
AS NOTED

DATE:
AUG. 05, 2014



EVERGREEN CEMETERY
PHASE II

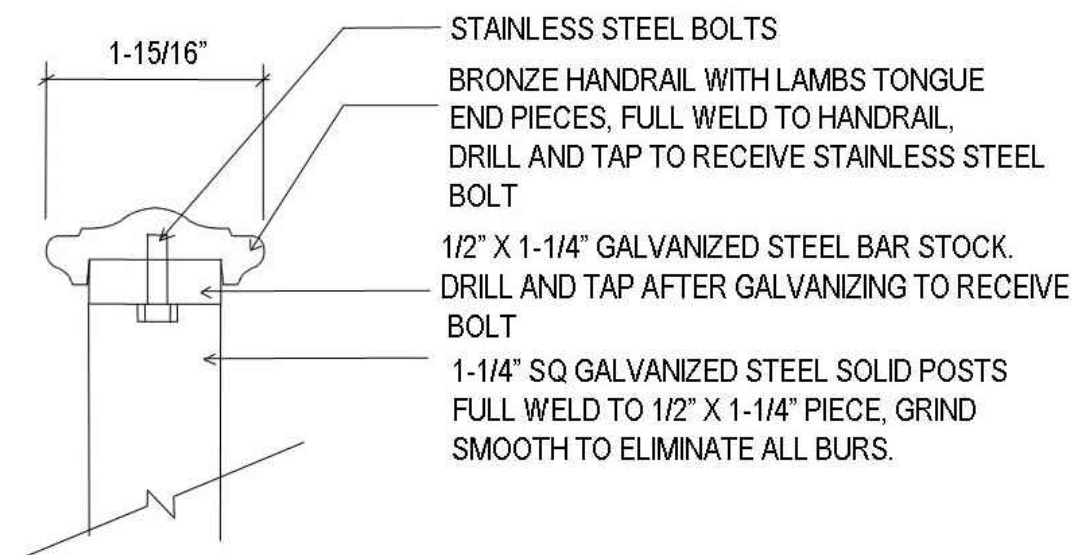
LANDSCAPE PLAN AND DETAILS

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING SECTION

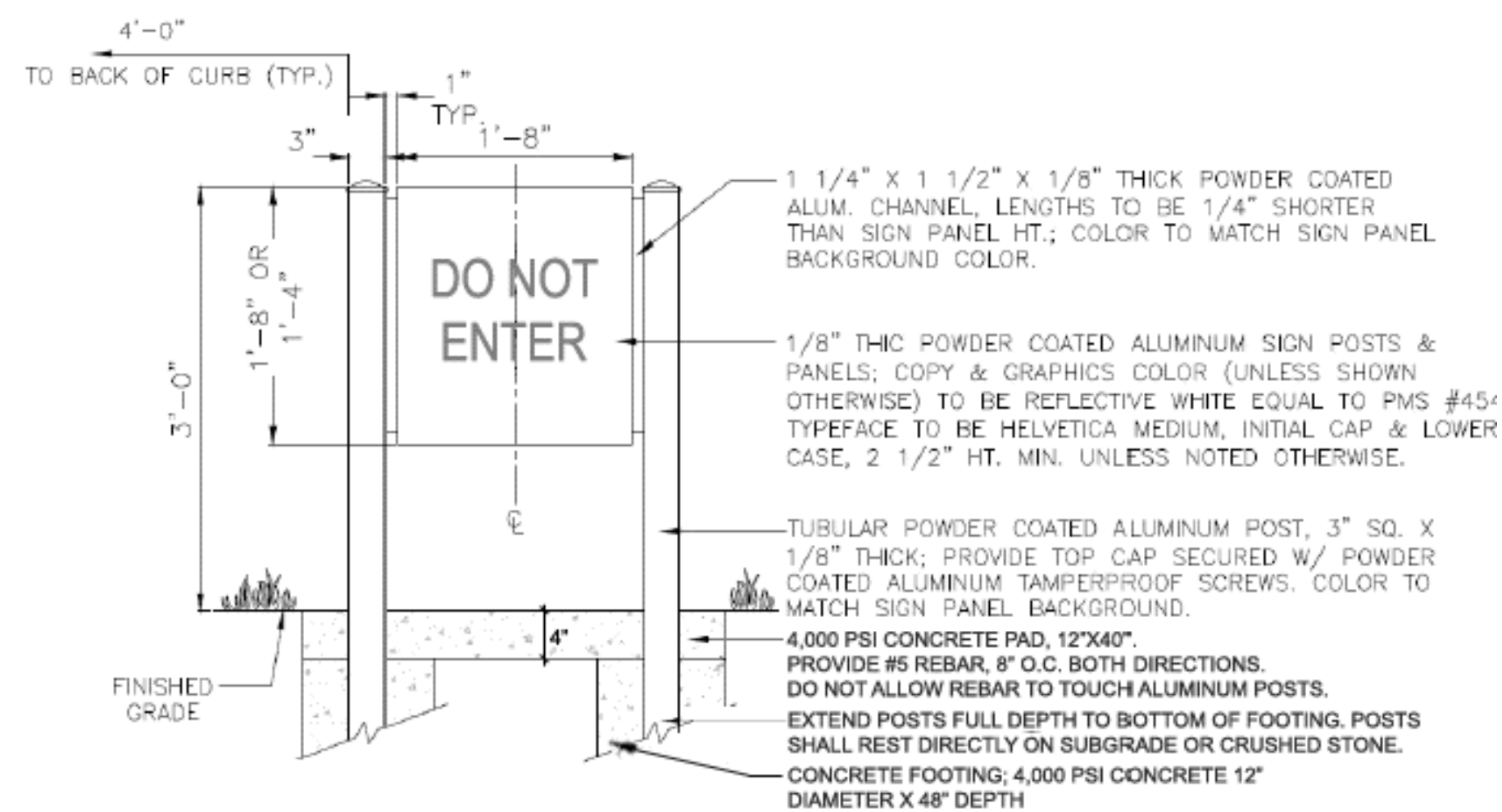


SHEET #
6 OF 8

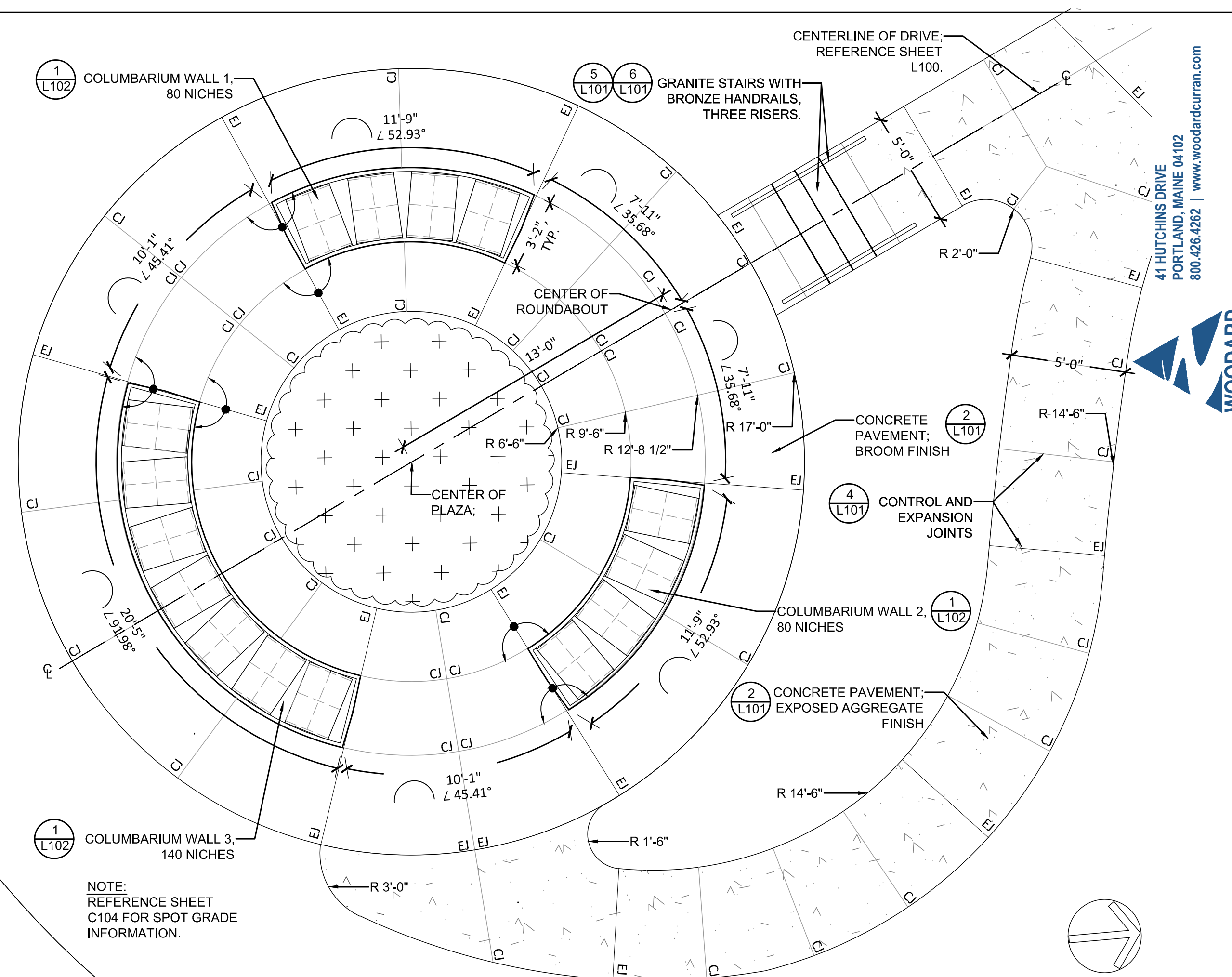
PLAN NUMBER
L-100



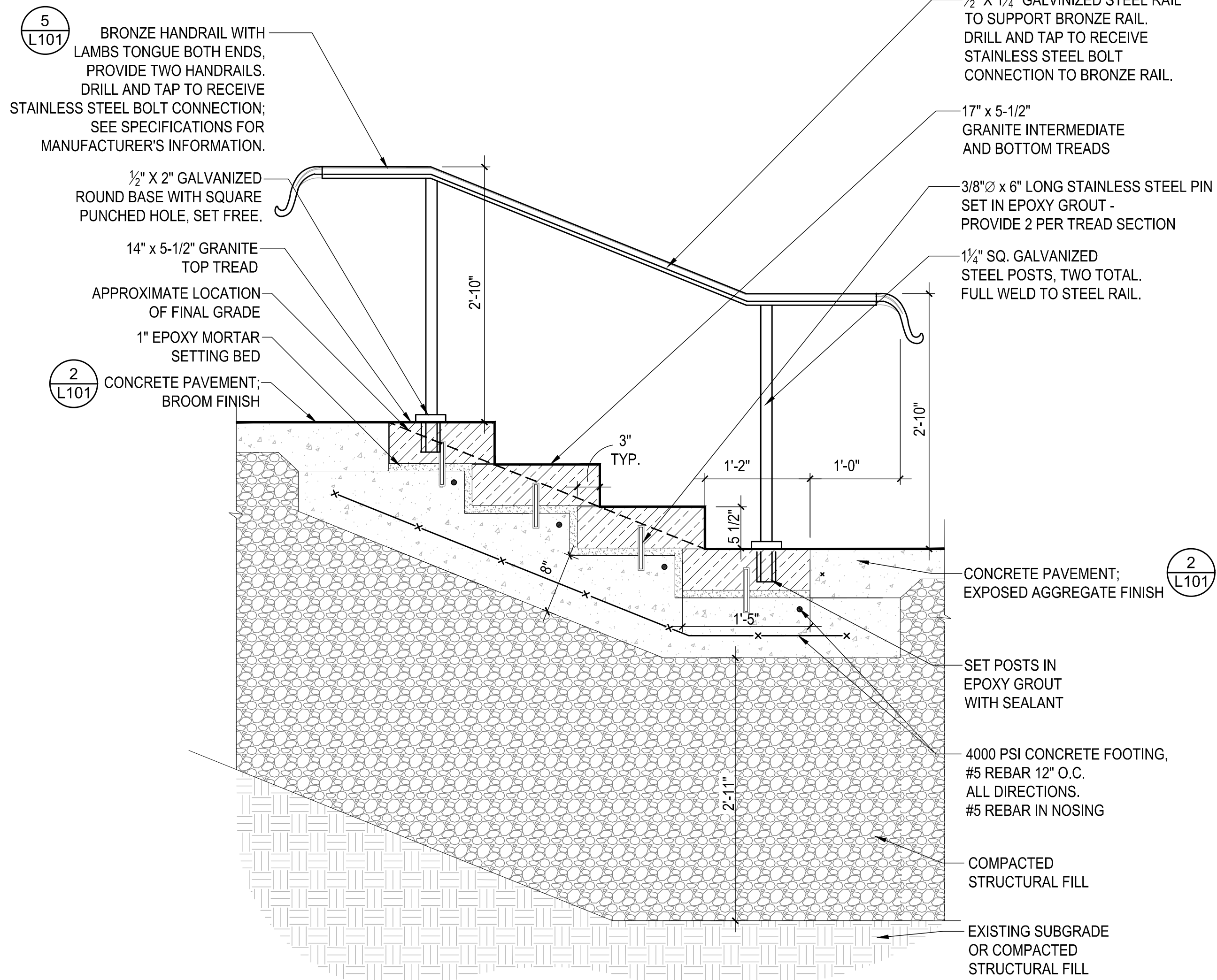
5 HANDRAIL
NTS



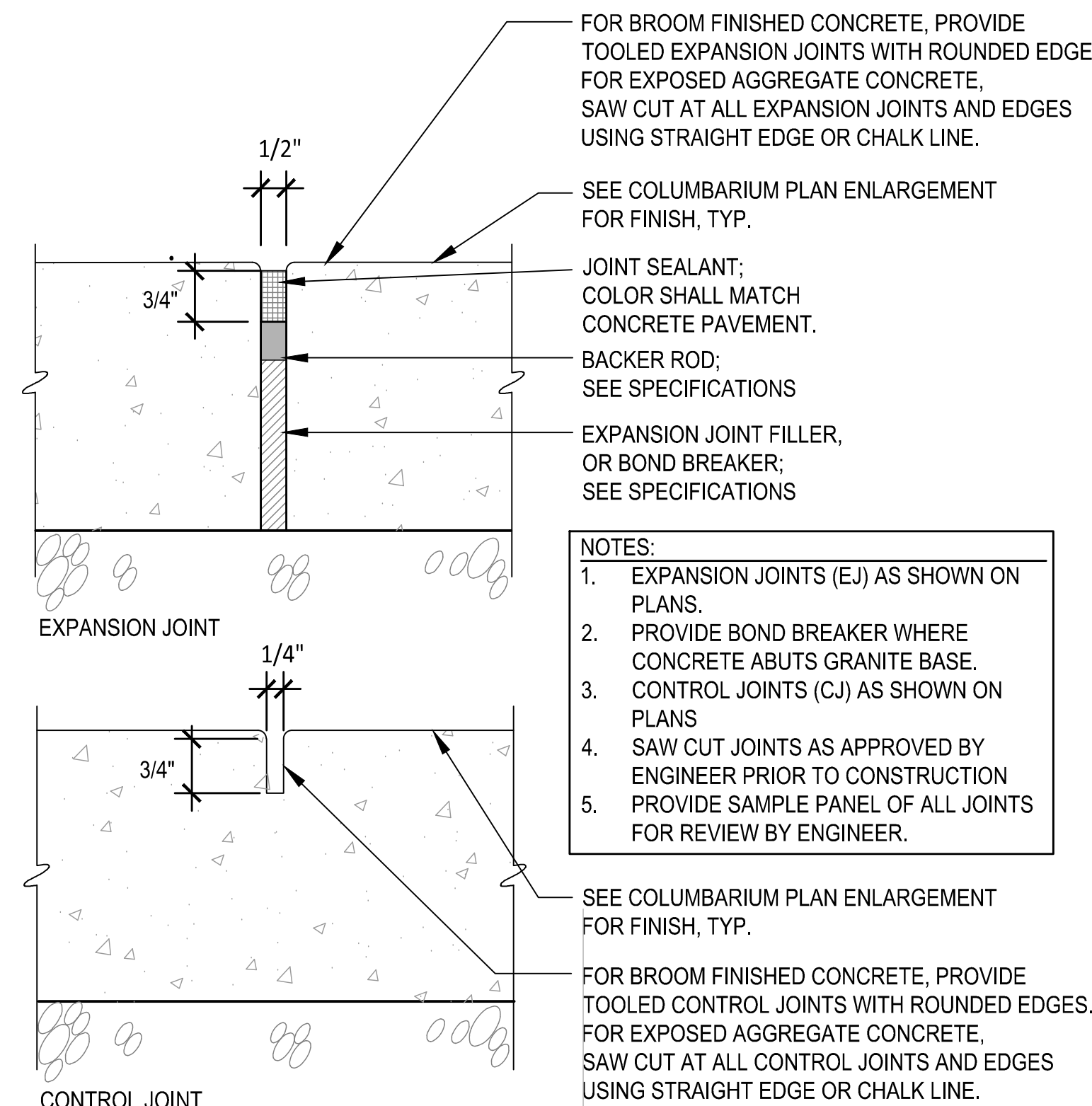
3 SIGN TYPE A- TRAFFIC REGULATORY
NTS



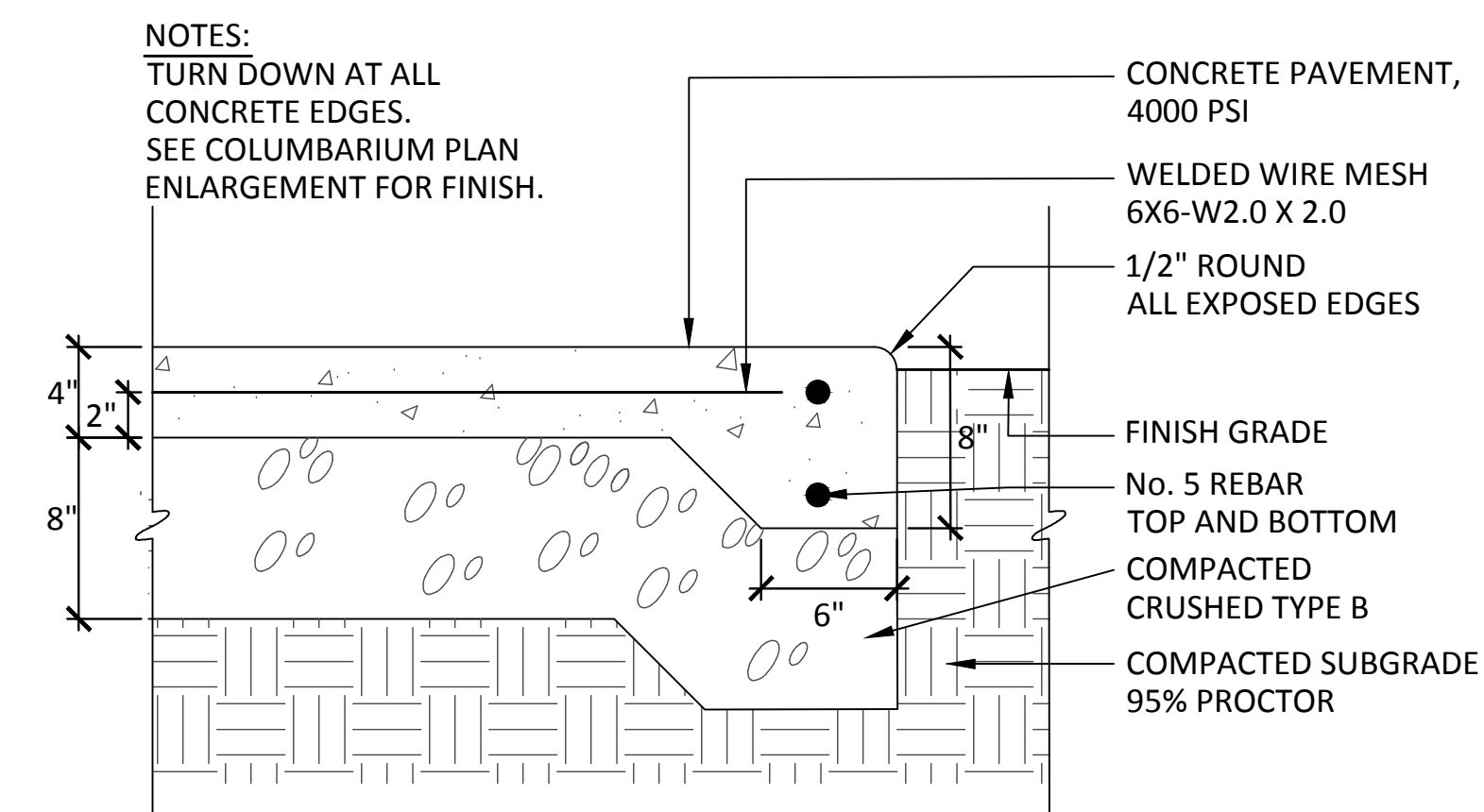
1 COLUMBARIUM PLAN ENLARGEMENT
1/4" = 1'-0"



6 GRANITE STAIRS
NTS



4 CONTROL AND EXPANSION JOINTS
NTS



2 CONCRETE PAVEMENT
NTS

WOODARD & CURRAN
41 HUTCHINS DRIVE
PORTLAND, MAINE 04102
800.426.6262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

LDD PROJECT NAME: N/A
DRAWING NAME: XR-SITE_EVERGREEN.DWG
FIELD BOOK USED: N/A

DESIGNED BY: H/A/US
DRAWN BY: US
CHECKED BY: H/A/JL
SCALE: AS NOTED
DATE: AUG. 05, 2014

REFERENCES:
10-0869P.dwg

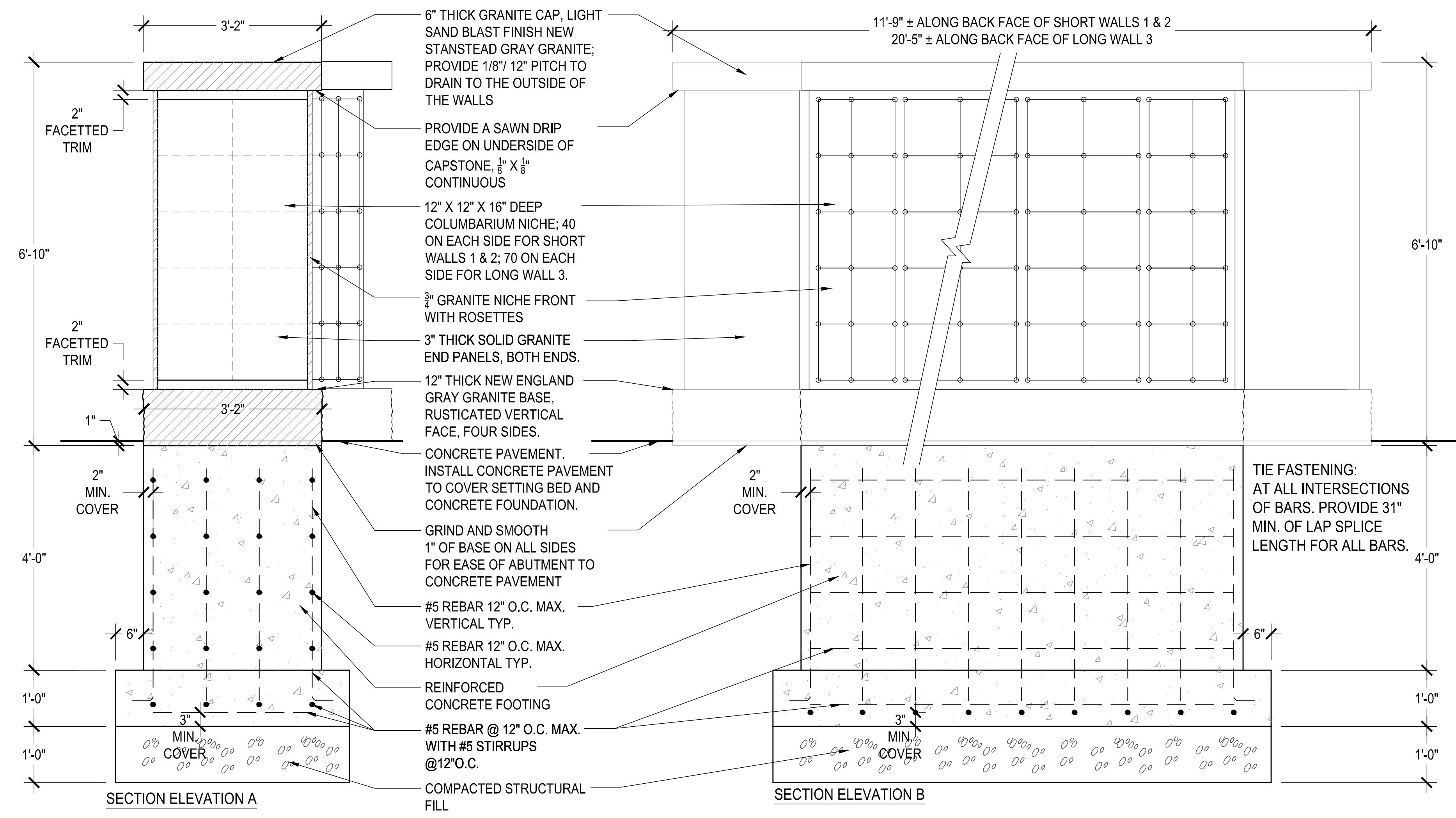
CRJA
Carol R. Johnson Associates Inc.
landscape architects
115 Broad Street, Boston, Massachusetts 02109
617.269.2300 | 617.269.2306

EVERGREEN CEMETERY
PHASE II
COLUMBARIUM PLAN AND
DETAILS

CITY OF PORTLAND, MAINE
PUBLIC SERVICES DEPARTMENT
ENGINEERING SECTION

STATE OF MAINE
HARRY S. HULL
No. 4182
LANDSCAPE ARCHITECT

SHEET #
7 OF 8
PLAN NUMBER
L-101

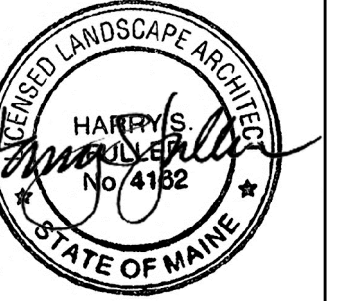


1 SECTION ELEVATIONS OF COLUMBARIUM WALLS
 3/4" = 1'-0"

41 HUTCHINS DRIVE
 PORTLAND, MAINE 04102
 800.426.4262 | www.woodardcurran.com

COMMITMENT & INTEGRITY DRIVE RESULTS

LDD PROJECT NAME:
 N/A
 DRAWING NAME:
 XR-SITE_EVERGREEN.DWG
 FIELD BOOK USED:
 N/A



REFERENCES:
 10-089P.dwg

DESIGNED BY:	HA / US
DRAWN BY:	US
CHECKED BY:	HA / JL
SCALE:	AS NOTED
DATE:	AUG. 05, 2014



EVERGREEN CEMETERY
 PHASE II
 COLUMBARIUM DETAILS

CITY OF PORTLAND, MAINE
 PUBLIC SERVICES DEPARTMENT
 ENGINEERING SECTION



SHEET #
 8 OF 8
 PLAN NUMBER
 L-102