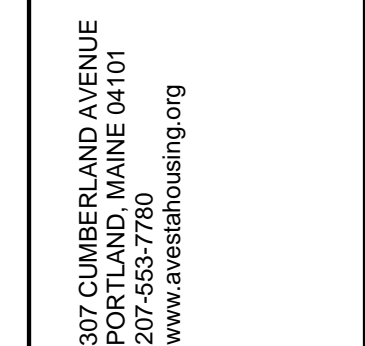
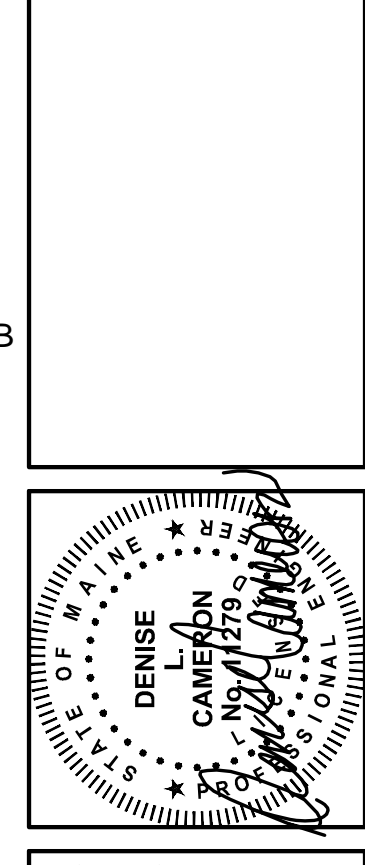


COPYRIGHT
PDT Architects
Reuse or reproduction of the
contents of this document is not
permitted without written
permission of PDT Architects.



Pearl Place II ~ 184 Pearl Street
PORTLAND, MAINE



JOB NO.
10-020

DRWN. CHK
JBC DLC

SCALE:
N.T.S.

ISSUE
08/03/2011

TITLE
CIVIL GENERAL
NOTES, LEGEND &
ABBREVIATIONS

SHEET
C1

GENERAL NOTES:

- SITE AND TOPOGRAPHIC DATA BASED ON A PLAN BY NORTHEAST CIVIL SOLUTIONS INC. OF SCARBOROUGH, MAINE, DATED JULY 9, 2010, TITLED "AS-BUILT SITE SURVEY, 180 PEARL STREET, PORTLAND, MAINE, PEARL PLACE - LOT 2", PREPARED FOR AVESTA PEARL STREET ONE LP, 307 CAMBERLAND AVENUE, PORTLAND, MAINE, 04101. SITE AND TOPOGRAPHIC DATA REFERENCE A LOCAL DATUM.
- THE ENTIRE SITE SHALL BE DEVELOPED AND/OR MAINTAINED AS DEPICTED ON THE SITE PLAN. APPROVAL OF THE PLANNING AUTHORITY OR PLANNING BOARD SHALL BE REQUIRED FOR ANY ALTERATION TO OR DEVIATION FROM THE APPROVED SITE PLAN, INCLUDING WITHOUT LIMITATION, TOPOGRAPHY, DRAINAGE, LANDSCAPING, RETENTION OF WOODED OR LAWN AREAS, ACCESS, SIZE, LOCATION, AND SURFACING OF PARKING AREAS, AND LOCATION AND SIZE OF BUILDINGS.
- 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 OR LIMITS OF WORK INDICATED ON THE PLANS 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. OWNER AND/OR CITY RETAINS RIGHT TO KEEP ANY AND ALL REMOVED FACILITIES FOR WORK WITHIN RIGHT-OF-WAY. CONTRACTOR TO DISPOSE OF ANY REMOVED FACILITY AT THE REQUEST OF OWNER AT CONTRACTOR'S EXPENSE.
- ALL TREES NOT NOTED TO BE REMOVED OR RELOCATED SHALL BE PROTECTED BY CONTRACTOR DURING CONSTRUCTION.
- 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.
- RESTRICT ACCESS TO SITE THROUGH THE USE OF APPROPRIATE SIGNAGE, BARRIERS, FENCES, ETC. 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 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 V, VII, AND IX OF CHAPTER 25-STREETS, SIDEWALKS, AND OTHER PUBLIC PLACES OF THE CITY OF PORTLAND CODE OF ORDINANCES.
- ALL SEWER CONSTRUCTION IN THE PUBLIC WAY SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLE II OF CHAPTER 24-SEWERS 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 SANITARY SEWER SYSTEM, STORM SEWER SYSTEM AND ANY OTHER UTILITY INSTALLATIONS OR ALTERATIONS WITHIN THE PROJECT LIMITS BE SUBMITTED TO THE DIVISION.
- WORK IS IN CLOSE PROXIMITY TO EXISTING UTILITIES. PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
- FOR TEST PIT LOCATIONS SHOWN ON PLANS, FIELD VERIFY EXISTING UTILITY ELEVATIONS PRIOR TO NEW UTILITY INSTALLATION. NOTIFY ENGINEER OF ANY CONFLICTS.
- CONTACT CITY OF PORTLAND ARBORIST AND ENGINEER PRIOR TO CUTTING ROOTS, TRIMMING BRANCHES, OR DISTURBING TREES WITHIN THE R.O.W. THAT NOT HAVE BEEN NOTED FOR REMOVAL ON THE PLANS.
- PROVIDE 6-INCHES OF LOAM AND SEED IN ALL LAWN AREAS DISTURBED BY CONTRACTOR'S OPERATIONS UNLESS NOTED OTHERWISE.
- 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.
- CAPPED PIPE STUB LOCATIONS SHALL BE MARKED WITH EMBEDDED STAKE AND A MINIMUM OF THREE TIES SHOULD BE RECORDED. EMBEDDED STAKE SHALL BE 2x4 WITH PK NAIL DRIVEN IN TOP. LENGTH AS REQUIRED TO SPAN FROM TOP OF PIPE TO 6" BELOW GRADE LOCATION AND ELEVATION OF PIPE STUB SHALL BE PROVIDED TO THE CITY OF PORTLAND ENGINEERING OFFICE. WARNING TAPE AND WIRE SHALL BE INSTALLED OVER PIPE STUBS IN ACCORDANCE WITH SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, A PRECONSTRUCTION MEETING SHALL BE HELD AT THE PROJECT SITE WITH THE CONTRACTOR, DEVELOPMENT REVIEW COORDINATOR, PUBLIC SERVICES REPRESENTATIVE, AND OWNER TO REVIEW THE CONSTRUCTION SCHEDULE AND CRITICAL ASPECTS OF THE SITE WORK. AT THAT TIME, THE SITE/BUILDING CONTRACTOR SHALL PROVIDE THREE (3) COPIES OF A DETAILED CONSTRUCTION SCHEDULE TO THE ATTENDING CITY REPRESENTATIVE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A MUTUALLY AGREEABLE TIME FOR THE PRECONSTRUCTION MEETING.
- EXISTING PAVEMENT SHALL BE SAWCUT AND BUTTED TO THE NEW PAVEMENT. NO FEATHERING OF PAVEMENT WILL BE PERMITTED.
- CONSTRUCTION WILL COMPLY WITH REQUIREMENTS OF THE VOLUNTARY REMEDIAL ACTION PLAN (VRAP) PREPARED BY SW COLE, DATED NOVEMBER 2, 2005. THE VRAP PLAN INCLUDES VISUAL MONITORING REQUIREMENTS DURING SITE WORK AND EXCAVATION. GROUP II SOILS SHALL BE COVERED WITH A MARKER HORIZON CONSISTING OF NON-WOVEN GEOTEXTILE FABRIC AND COVERED WITH A MINIMUM OF 1" CLEAN SOILS OR PAVEMENT.
- CONTRACTOR SHALL COORDINATE A PRE-EXCAVATION MEETING ATTENDED BY CONTRACTOR, EXCAVATION SUBCONTRACTOR, OWNER AND SOILS TESTING FIRM. CONTRACTOR SHALL COORDINATE IDENTIFICATION OF ASH CONTAMINATED SOILS WITH OWNER AND SOIL TESTING FIRM.
- CONTRACTOR SHALL DISPOSE OF ASH CONTAMINATED SOILS ON SITE IN AREAS DESIGNATED FOR PHASE II DISPOSAL ON PLANS. NO CONTAMINATED SOILS MAY BE REMOVED FROM SITE WITHOUT WRITTEN AUTHORIZATION FROM OWNER.
- GROUNDWATER ELEVATION IS TIDALLY INFLUENCED AND WILL VARY DURING CONSTRUCTION. ANTICIPATED GROUNDWATER LEVEL IS APPROXIMATELY 7" BELOW FINISH FLOOR ELEVATION. CONTRACTOR SHALL PROVIDE SEDIMENTATION CONTROL FOR ALL DEWATERING ACTIVITIES IN COMPLIANCE WITH THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION'S BEST MANAGEMENT PRACTICES MANUAL. CONSTRUCTION DEWATERING SHALL BE ALLOWED TO RECHARGE INTO GROUNDWATER WHEN POSSIBLE. CONTRACTOR SHALL OBTAIN NECESSARY DISCHARGE LICENSES FROM THE CITY OF PORTLAND PUBLIC SERVICES PRIOR TO DIRECTING DEWATERING INTO THE CITY'S COMBINED STORMWATER/SEWER INFRASTRUCTURE.
- RAIN GARDEN GRASSES SHALL NOT BE CUT MORE THAN TWICE ANNUALLY.
- ELECTRONIC DRAWING FILES CAN BE PROVIDED TO CONTRACTOR FOR LAYOUT PURPOSES UPON REQUEST. CONTACT DENISE CAMERON AT WOODARD & CURRAN (207-774-2112).

SYMBOLS

DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER MANHOLE		
STORM DRAIN MANHOLE		
CATCH BASIN		
DRAIN BASIN		
ELECTRICAL MANHOLE		
COMMUNICATIONS MANHOLE		
CABLE MANHOLE		
UTILITY POLE W/GUY		
UTILITY POLE		
UTILITY POLE W/LIGHT		
LIGHT POLE		
WATER GATE		
WATER VALVE		
WATER SHUT OFF		
HYDRANT		
SIGN		
MAILBOX		
CONIFEROUS TREE		
DECIDUOUS TREE		
IRON PIN (FOUND)		
MONUMENTS (FOUND)		
TEST PIT		
BITUMINOUS PAVEMENT		
BITUMINOUS SIDEWALK		
BRICK SIDEWALK		
LANDSCAPED AREA		
ASH DISPOSAL CELL		

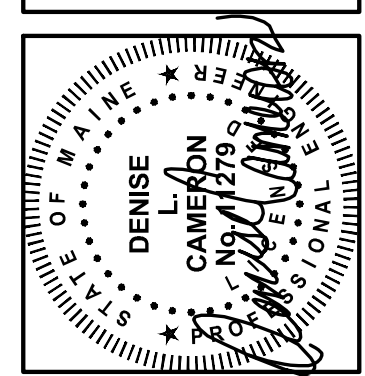
LINE TYPES

DESCRIPTION	EXISTING	PROPOSED
CONTOUR (1' INTERVAL)		
CONTOUR (INDEX)		
SANITARY SEWER		
STORM DRAIN		
UNDERDRAIN		
WATER MAIN		
UNDERGROUND ELECTRIC		
GAS LINE		
OVERHEAD ELECTRIC		
UNDERGROUND ELECTRICAL /COMMUNICATIONS/CABLE		
PROPERTY LINE		
RIGHT OF WAY		
EASEMENT		
FENCE		
RETAINING WALL		
STONEWALL		
CURB		
TYPE 1 GRANITE CURB		
BITUMINOUS CURB		
EDGE OF PAVEMENT		
RETAINING WALL		
BUILDING OUTLINE		
SAWCUT		

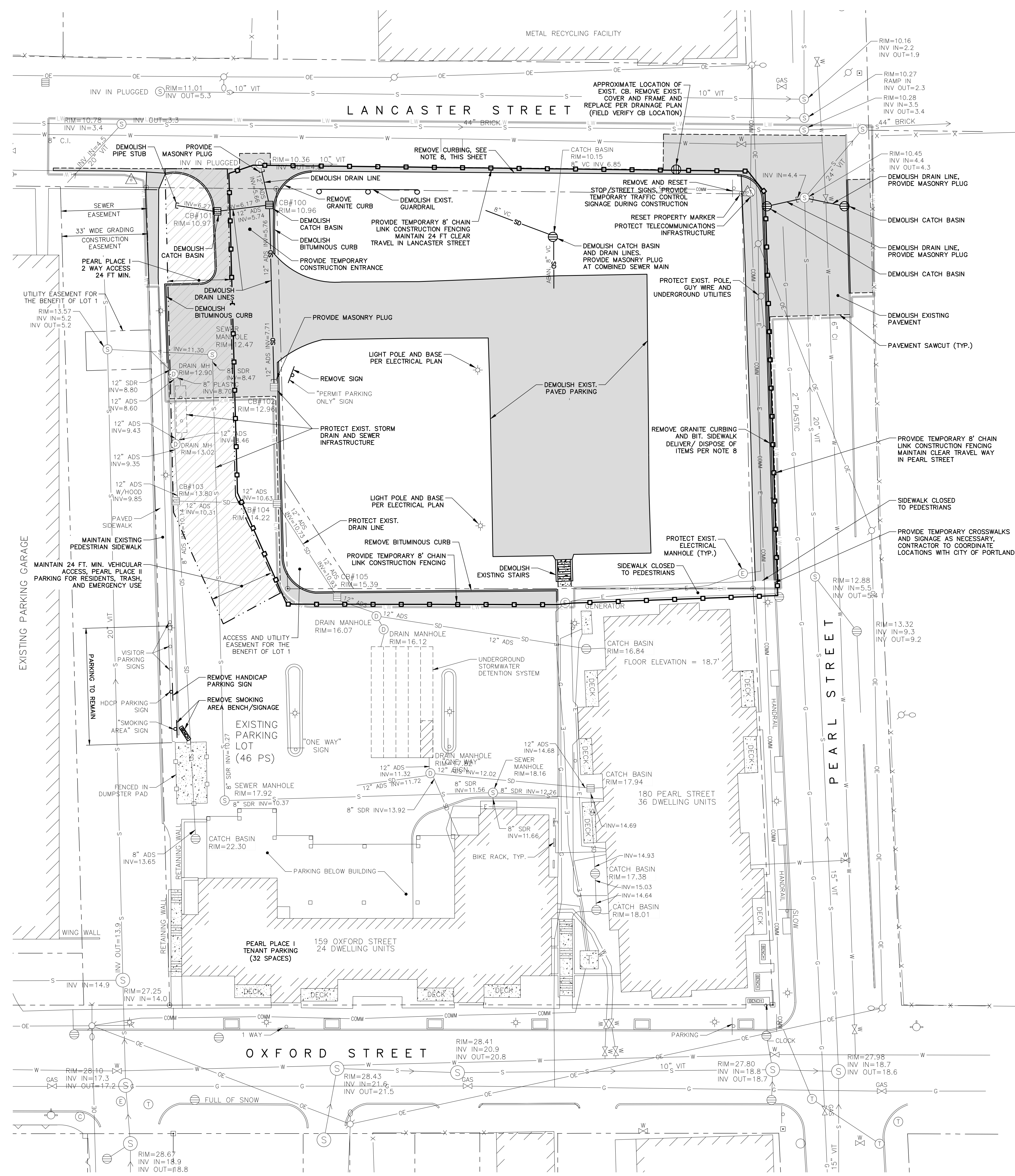
ABBREVIATIONS

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

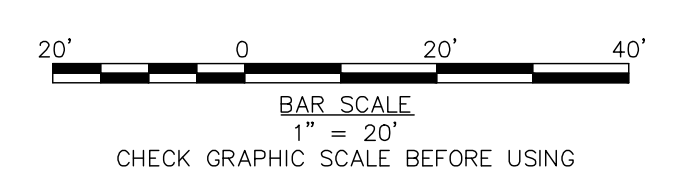
J:\portland\Projects\1223650 PDT Arch-Pearl Place Phase 2\Deliverables\2011.08.03 Bid Set\Plans\DWG\223650-C200.dwg, Jul 29, 2011 - 9:42am



JOB NO. 10-020
DRWN. CHK JBC DLC
SCALE: 1" = 20'
ISSUE 08/03/2011
TITLE DEMOLITION PLAN
SHEET C2

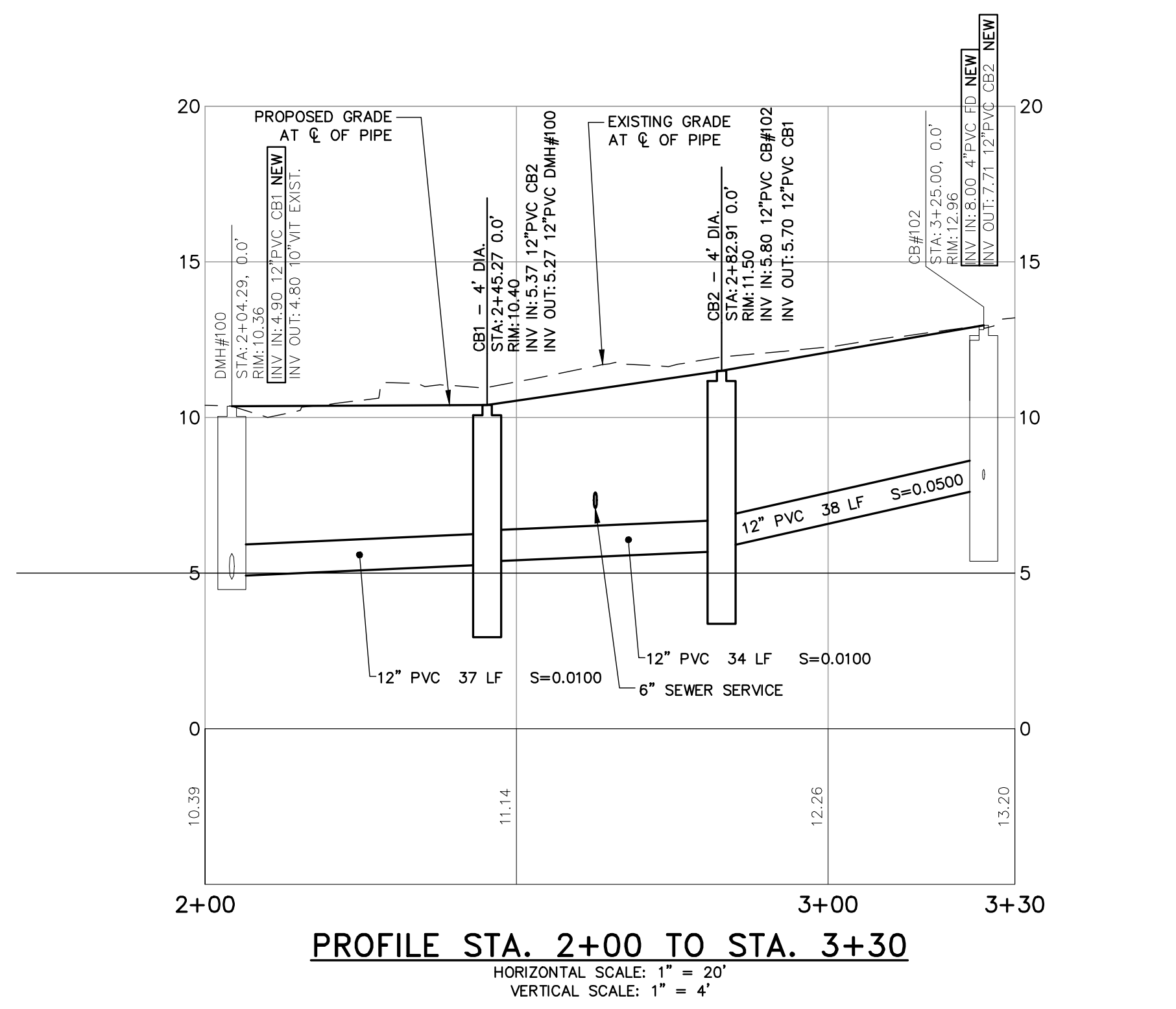
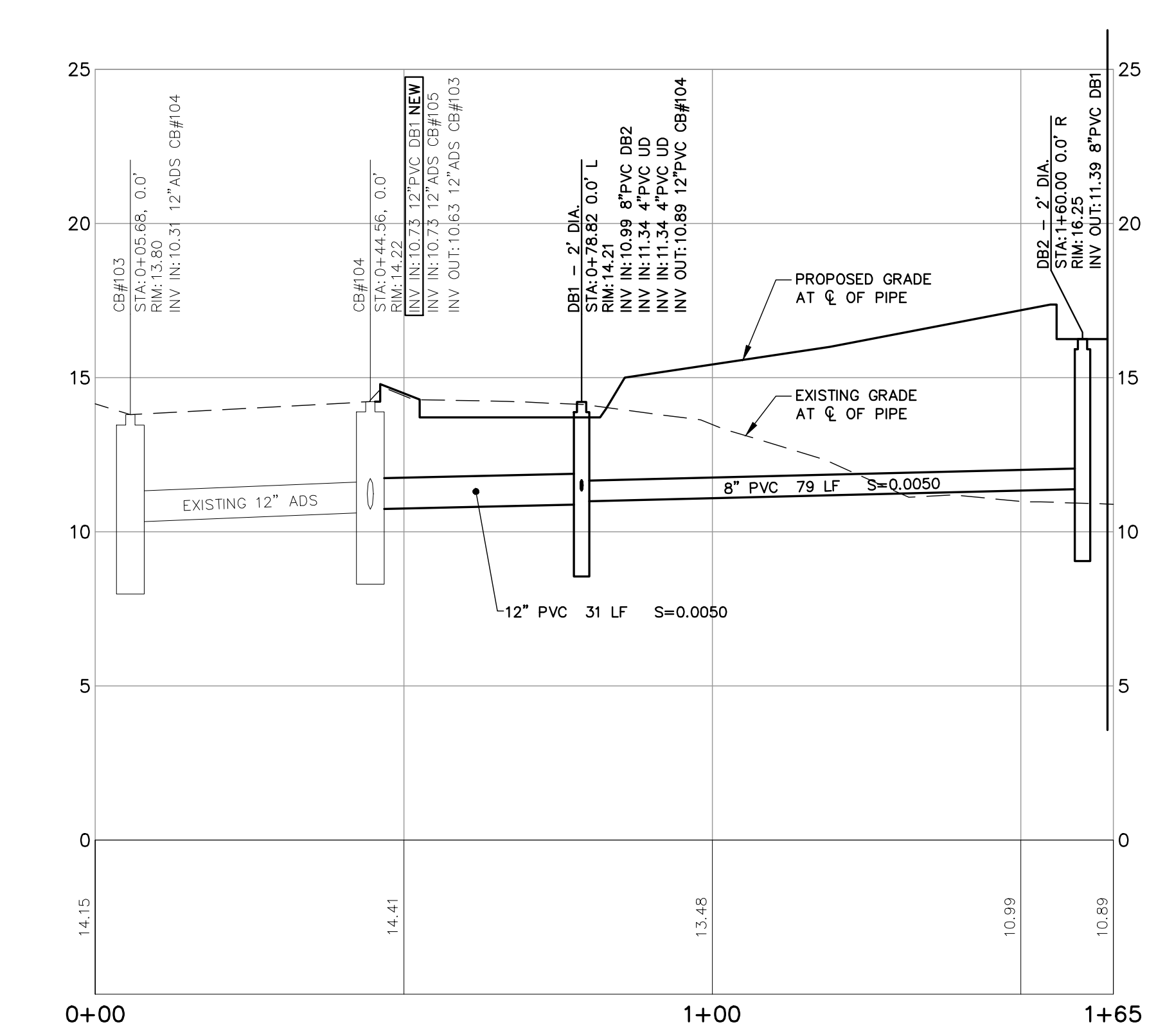


- DEMOLITION GENERAL NOTES:**
- PRIOR TO INITIATING DEMOLITION OR CONSTRUCTION ACTIVITIES, CONTRACTOR SHALL COORDINATE A PRE-CONSTRUCTION MEETING HELD AT THE PROJECT SITE WITH THE CONTRACTOR, DEVELOPMENT REVIEW COORDINATOR, PUBLIC SERVICES REPRESENTATIVE, AND OWNERS OF LOT 1 AND LOT 2 TO REVIEW THE CONSTRUCTION SCHEDULE AND CRITICAL ASPECTS OF THE WORK.
 - THE UNDERGROUND UTILITIES INFORMATION SHOWN ON THESE PLANS HAVE BEEN COMPILED BY NORTHEAST CIVIL SOLUTIONS FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE UTILITY LOCATIONS SHOWN IN PLAN ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION BY THE CONTRACTOR. ALL INVERTS AND PIPE SIZES SHALL BE VERIFIED PRIOR TO CONSTRUCTION. 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.
 - CONTRACTOR SHALL MAINTAIN A SECURE WORKSITE, AND SHALL INSTALL AND MAINTAIN SAFETY AND SECURITY MEASURES, SUCH AS FENCING, BARRIERS, SIGNAGE, AND TRAFFIC CONTROL DEVICES. APPROPRIATE SECURITY AND SAFETY MEASURES SHALL BE IN PLACE DURING NON-WORKING HOURS. NO TRENCH SHALL BE LEFT OPEN DURING NON-WORKING HOURS. SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR, DURING BOTH WORKING AND NON-WORKING HOURS.
 - CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION AND SEDIMENTATION CONTROL MEASURES, IN ACCORDANCE WITH THESE PLANS AND THE LATEST EDITION OF THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION'S BEST MANAGEMENT PRACTICES MANUAL. KEEP ALL STREETS FREE OF DUST, MUD AND DEBRIS. STREETS AND WALKWAYS SHALL BE SWEEPED REGULARLY, AND TEMPORARY CONSTRUCTION ENTRANCES SHALL BE UTILIZED DURING CONSTRUCTION.
 - COORDINATE CONSTRUCTION ACTIVITY WITH UTILITY COMPANIES, EMERGENCY SERVICES, CITY AND THE OWNER'S REPRESENTATIVE.
 - CONTRACTOR SHALL APPLY 4" OF LOAM AND SHALL SEED ON ALL DISTURBED AREAS, EXCEPT THOSE DESIGNATED FOR BUILDINGS, WALKWAYS, PARKING OR AS OTHERWISE NOTED.
 - PROPERLY PROTECT AND DO NOT DISTURB PROPERTY IRONS AND MONUMENTS NOT INDICATED ON THE DRAWINGS FOR REMOVAL. IF DISTURBED, THE PROPERTY MONUMENT SHALL BE RESET AT THE CONTRACTOR'S EXPENSE, BY A REGISTERED LAND SURVEYOR APPROVED BY THE OWNER.
 - EXISTING FACILITIES WITHIN THE CITY RIGHT-OF-WAY (I.E. GRANITE CURBING, SIDEWALK BRICKS, TREES, POLES, LIGHT POSTS, CATCH BASINS, SIGNS, PLAY EQUIPMENT, ETC) ARE THE PROPERTY OF THE CITY'S DEPARTMENT OF PUBLIC SERVICES. CONTRACTOR TO COORDINATE REMOVAL/DISPOSAL WITH THE CITY AND OWNER. AT THE DIRECTION OF THE CITY AND OWNER, CONTRACTOR SHALL DELIVER REMOVED FACILITIES TO THE CITY'S MATERIAL STOCKYARD ON OUTER CONGRESS STREET. CONTRACTOR TO DISPOSE OF ANY REMOVED FACILITY AT THE REQUEST OF THE CITY OR OWNER, AT NO ADDITIONAL COST TO THE CONTRACT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING STREET OPENING PERMITS, AND ALL OTHER NECESSARY PERMITS AND FEES ASSOCIATED WITH WORK WITHIN THE CITY'S RIGHT-OF-WAY.
 - MAINTAIN VEHICULAR AND PEDESTRIAN FLOW THROUGH CITY STREETS AT ALL TIMES. COORDINATE ALL SIDEWALK AND LANE CLOSURES WITH THE CITY.
 - ALL LAWN AREAS, WALKWAYS, DRIVEWAYS, FACILITIES, UTILITIES, AND AMENITIES TO REMAIN SHALL BE PROTECTED AND REPAIRED/REPLACED IF DAMAGED BY CONTRACTOR AT NO ADDITIONAL EXPENSE TO OWNER.
 - EXISTING PAVEMENT SHALL BE REMOVED FROM SITE. PAVEMENT SHALL NOT BE MIXED WITH CONCRETE.
 - MATERIAL STORAGE, TEMPORARY FACILITIES, AND LAYDOWN AREAS SHALL BE LOCATED WITHIN THE TEMPORARY CONSTRUCTION FENCING. NO STORAGE OR TEMPORARY FACILITIES MAY BE LOCATED WITHIN THE CITY RIGHT-OF-WAY OR ON ADJUTING PROPERTIES WITHOUT WRITTEN APPROVAL FROM THE OWNER.

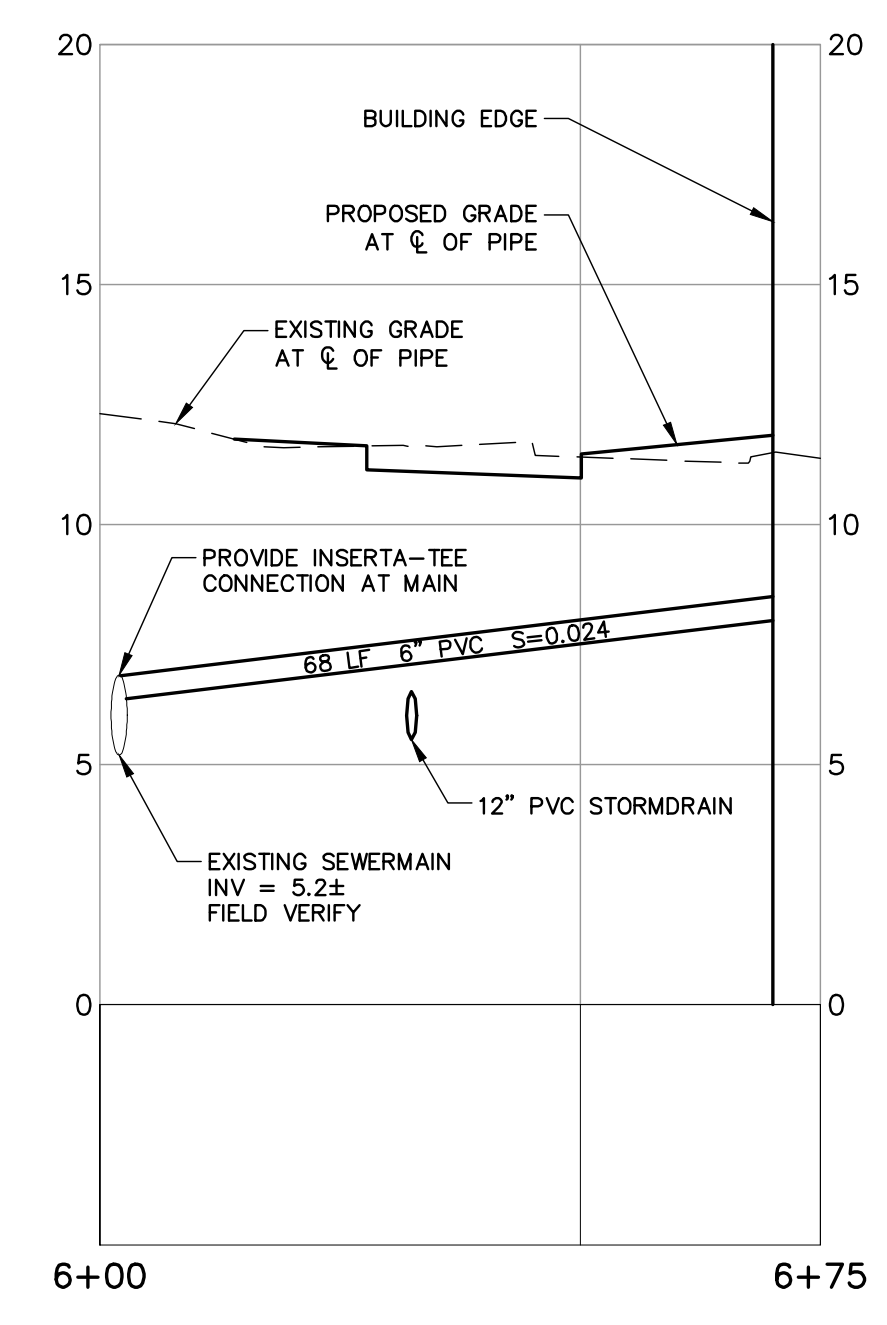


\\portland\projects\1223650\pdr\arch\pearl place phase 2\deliverables\2011.08.03 bid set\Plans\DWG\223650-C200.dwg, Aug. 02, 2011 - 9:37am

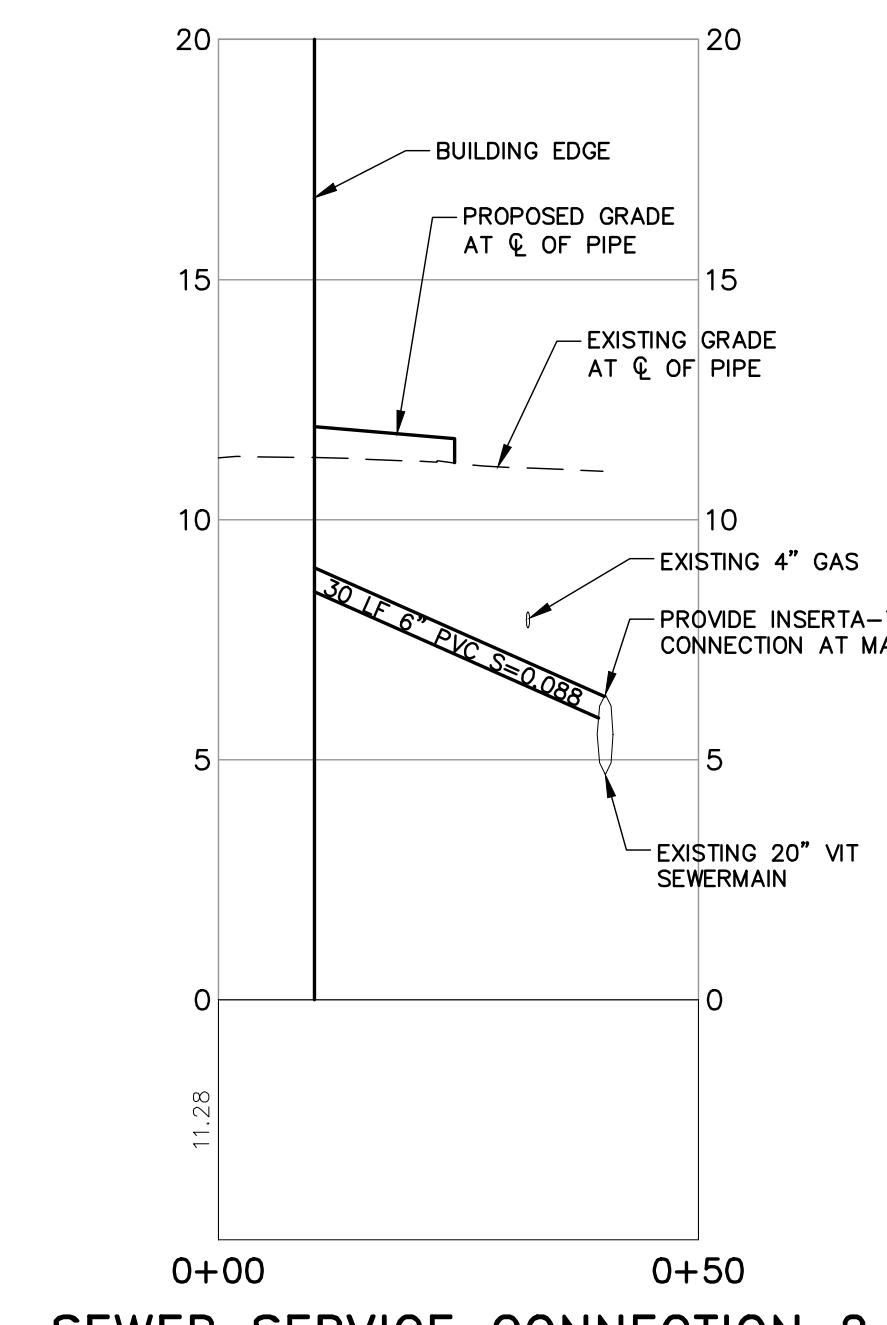
Portland\Projects\1223650 PDT Arch-Pearl Place Phase 2\Deliverables\2011.08.03 Bid Set\Plans\DWG\223650-C200.dwg, Jul 29, 2011 - 9:42am



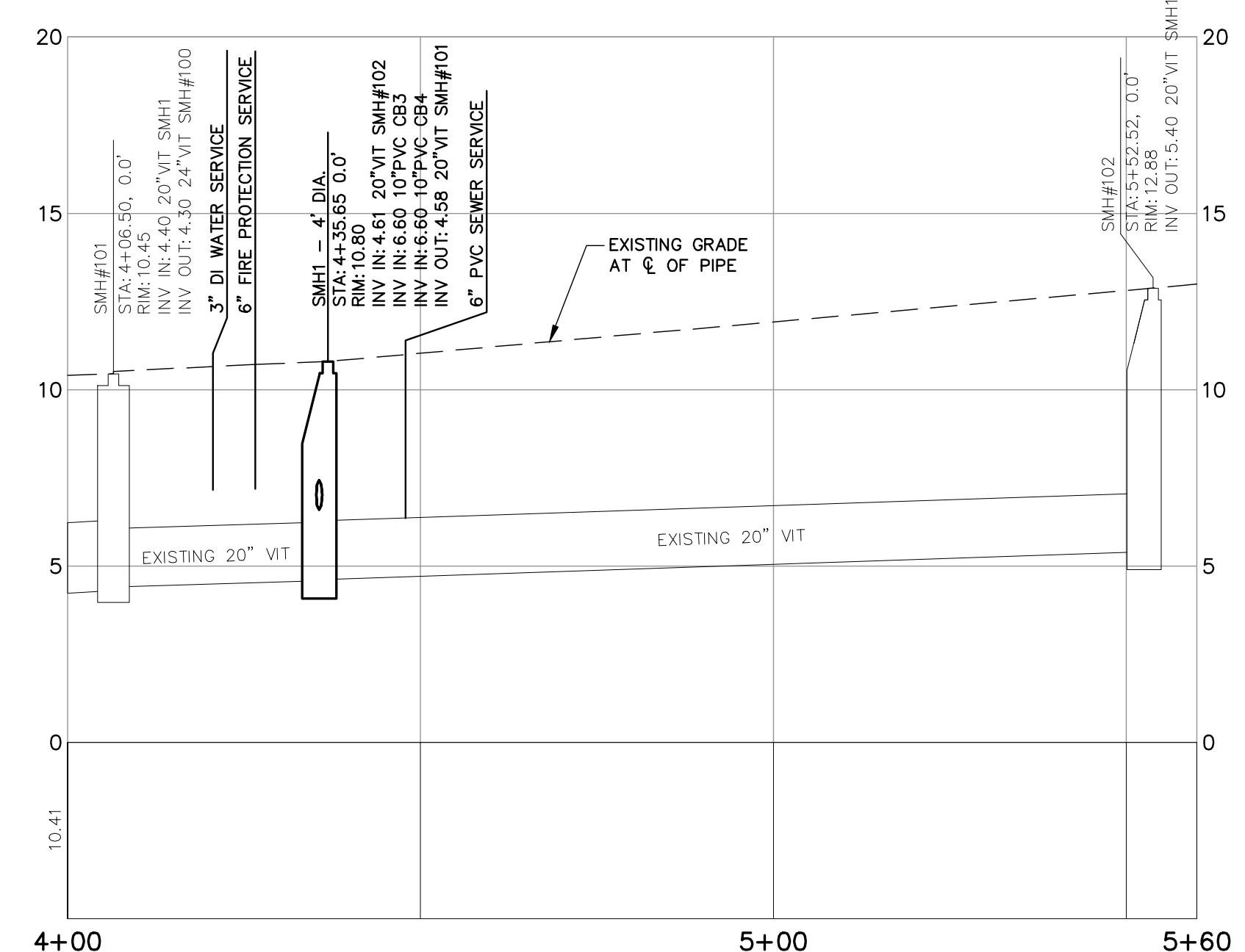
JCOULOMBIE
2011.08.03 Bid Set/Plans/DWG/223650-C200.dwg, Jul 29, 2011 - 9:42am



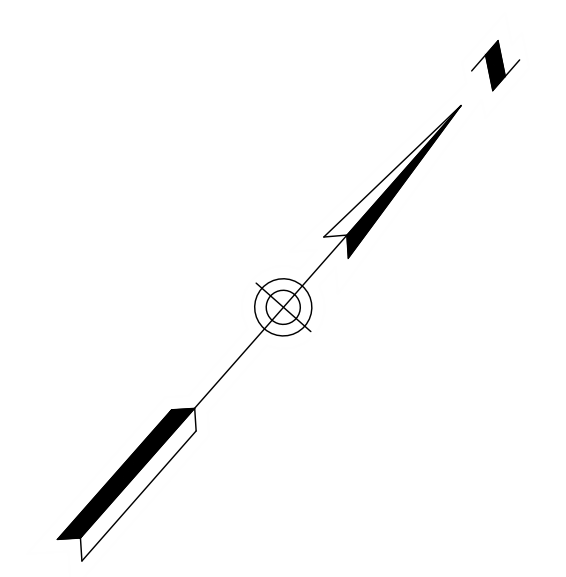
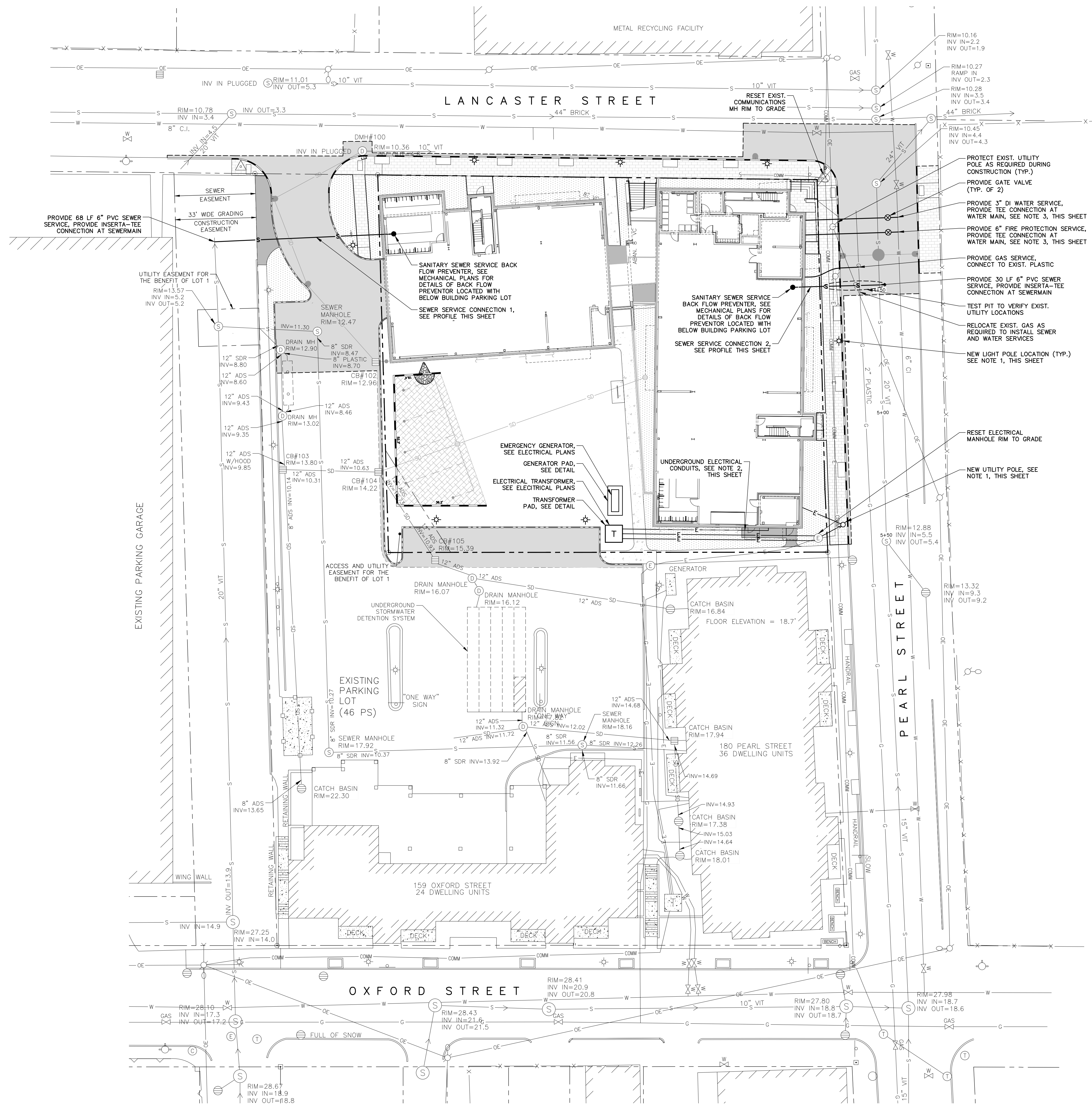
SEWER SERVICE CONNECTION 1
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



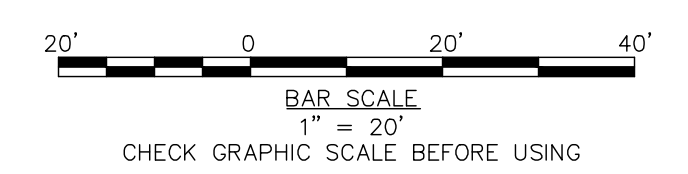
SEWER SERVICE CONNECTION 2
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



PROFILE STA. 4+00 TO STA. 5+60
HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 4'



- NOTE:
- FOR TRANSFORMER, UTILITY AND LIGHT POLE INFORMATION SEE ELECTRICAL PLANS.
 - FOR SIZES AND LOCATIONS OF OVERHEAD ELECTRIC LINES, UNDERGROUND ELECTRIC LINES AND CONDUITS SEE ELECTRICAL PLANS.
 - PROVIDE A MINIMUM OF 12" VERTICAL SEPARATION BETWEEN WATER AND SEWER MAIN.



Portland/Projects/1223650 PDT Arch-Pearl Place Phase 2/Deliverables/2011.08.03 Bid Set/Plans/DWG/223650-C200.dwg, Jul 29, 2011 - 9:43am

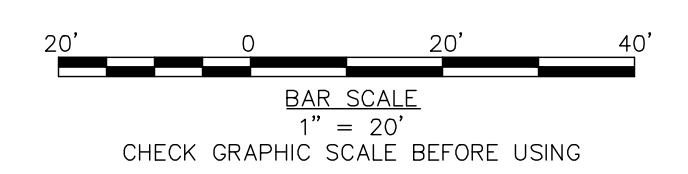
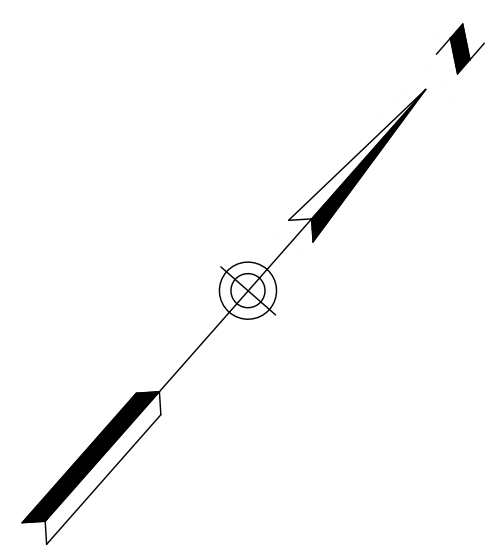
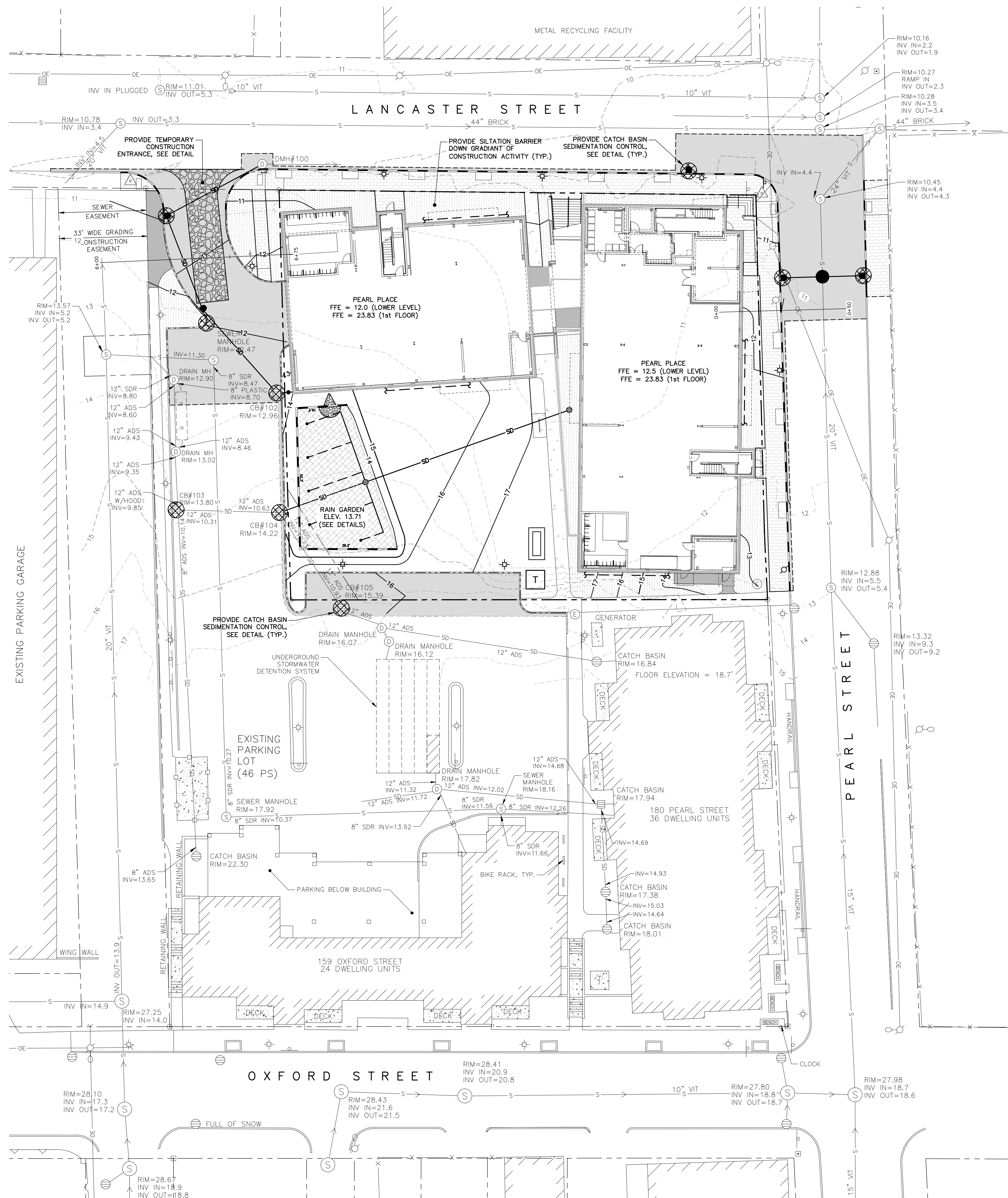
E

D

C

B

A



CARROLL ASSOCIATES
LANDSCAPE ARCHITECTS
377 COMMERCIAL STREET, 8TH FLOOR
PORTLAND, MAINE 04101
207-775-1059
www.pdiarch.com

41 Hutchins Drive
Portland, Maine 04102
800-543-2322 | www.woodardcurran.com

WOODARD & CURRAN
COMMITMENT & INTEGRITY DRIVE RESULTS

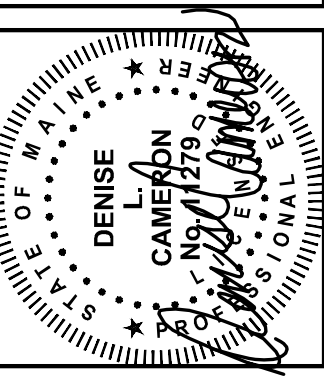
PDT ARCHITECTS
49 DARTMOUTH STREET
PORTLAND, MAINE 04101
207-775-1059
www.pdiarch.com

COPYRIGHT
PDT Architects
Reuse or reproduction of the
contents of this document is not
permitted without written
permission of PDT Architects.

307 CAMBERLAND AVENUE
PORTLAND, MAINE 04101
www.avestahousing.org

AVESTA HOUSING

Pearl Place II ~ 184 Pearl Street
PORTLAND, MAINE



JOB NO.
10-020

DRWN. CHK
JBC DLC

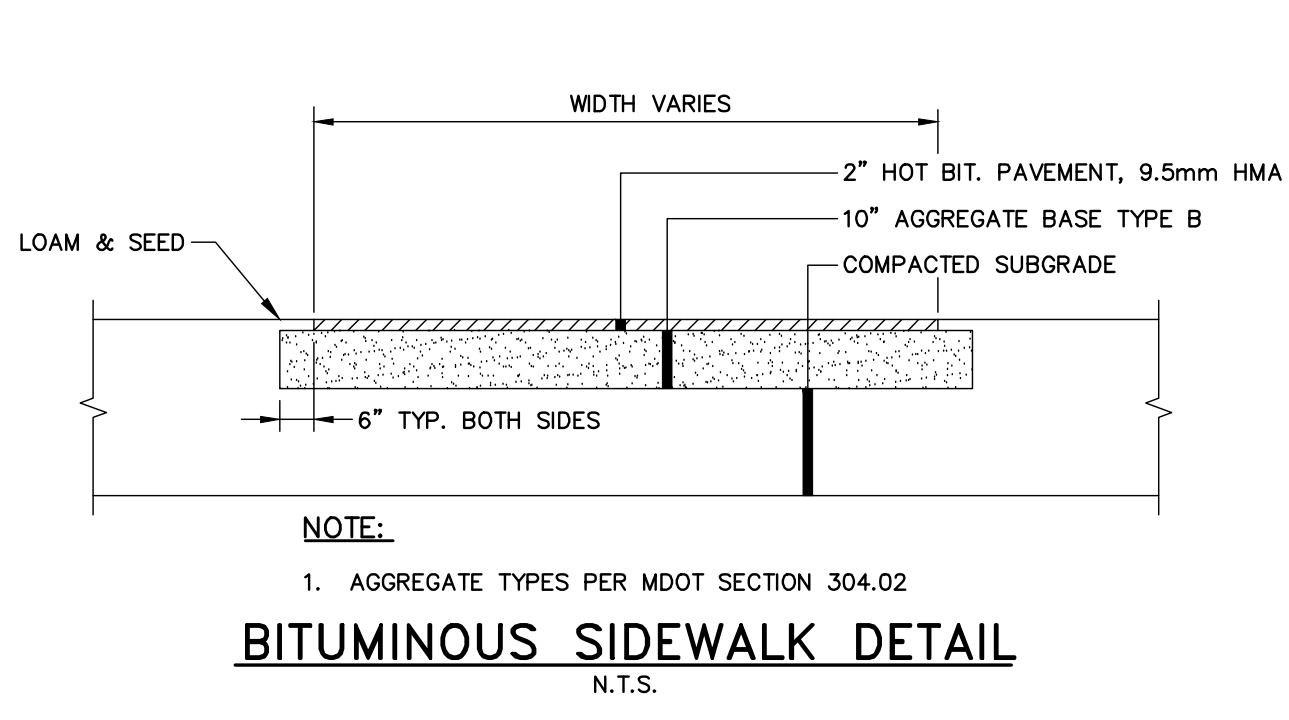
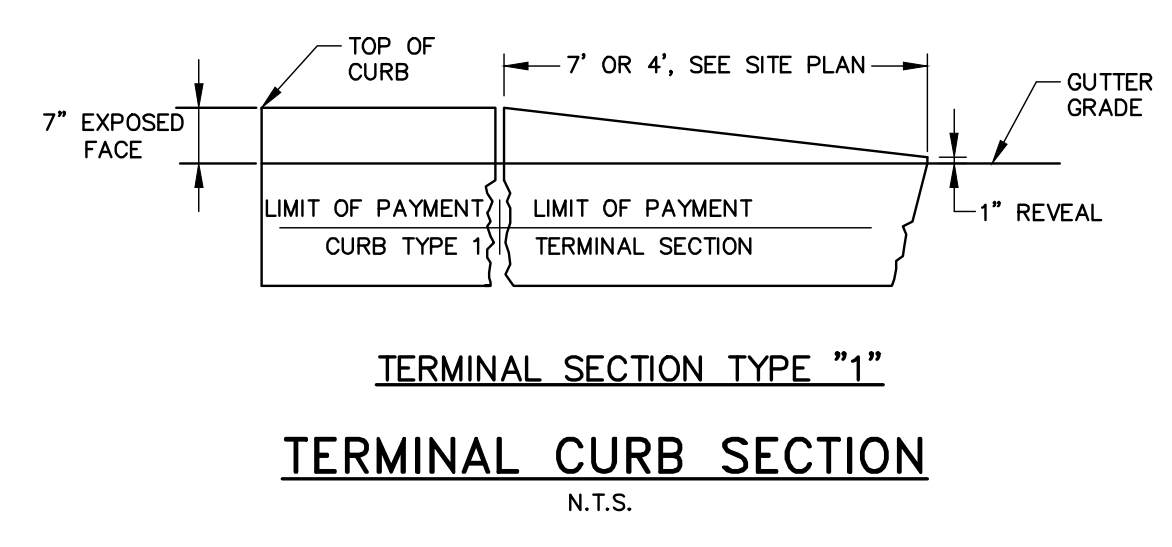
SCALE:
1" = 20'

ISSUE
08/03/2011

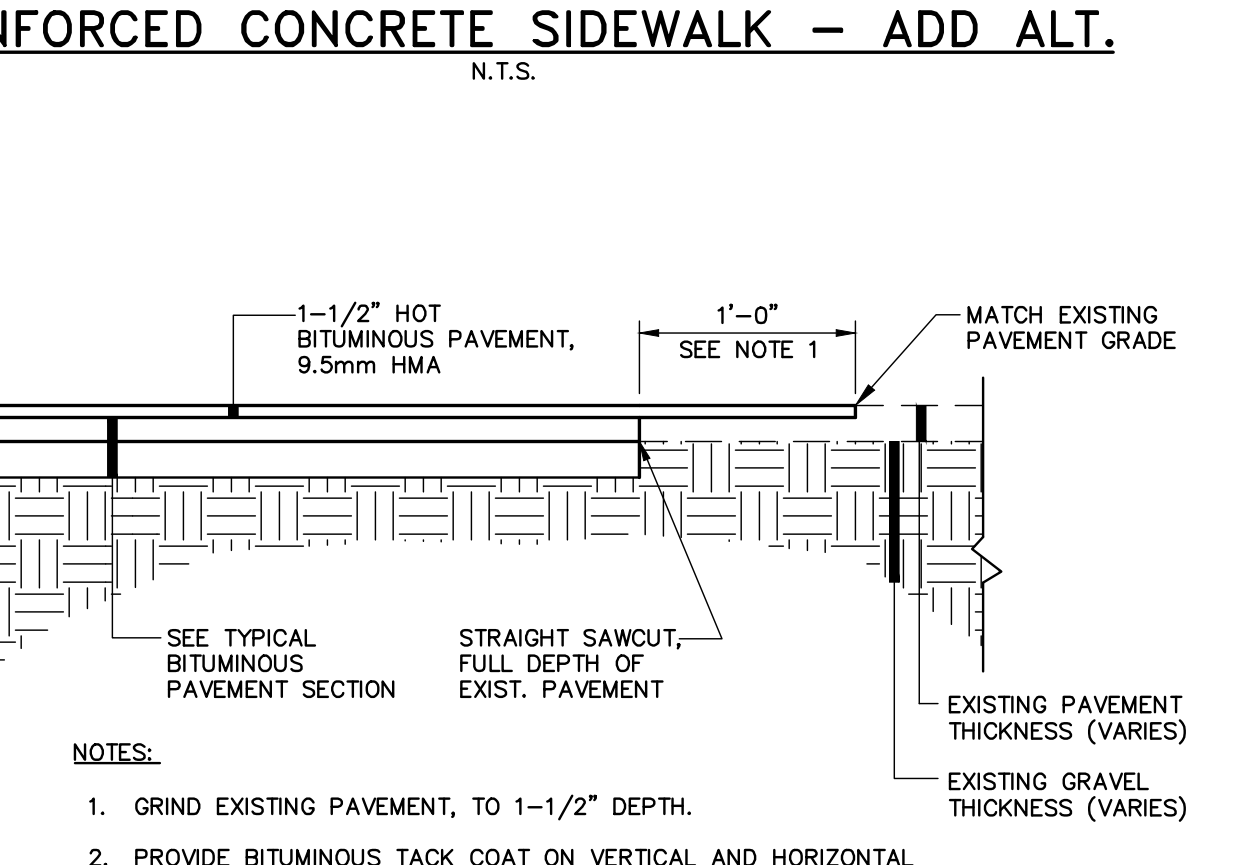
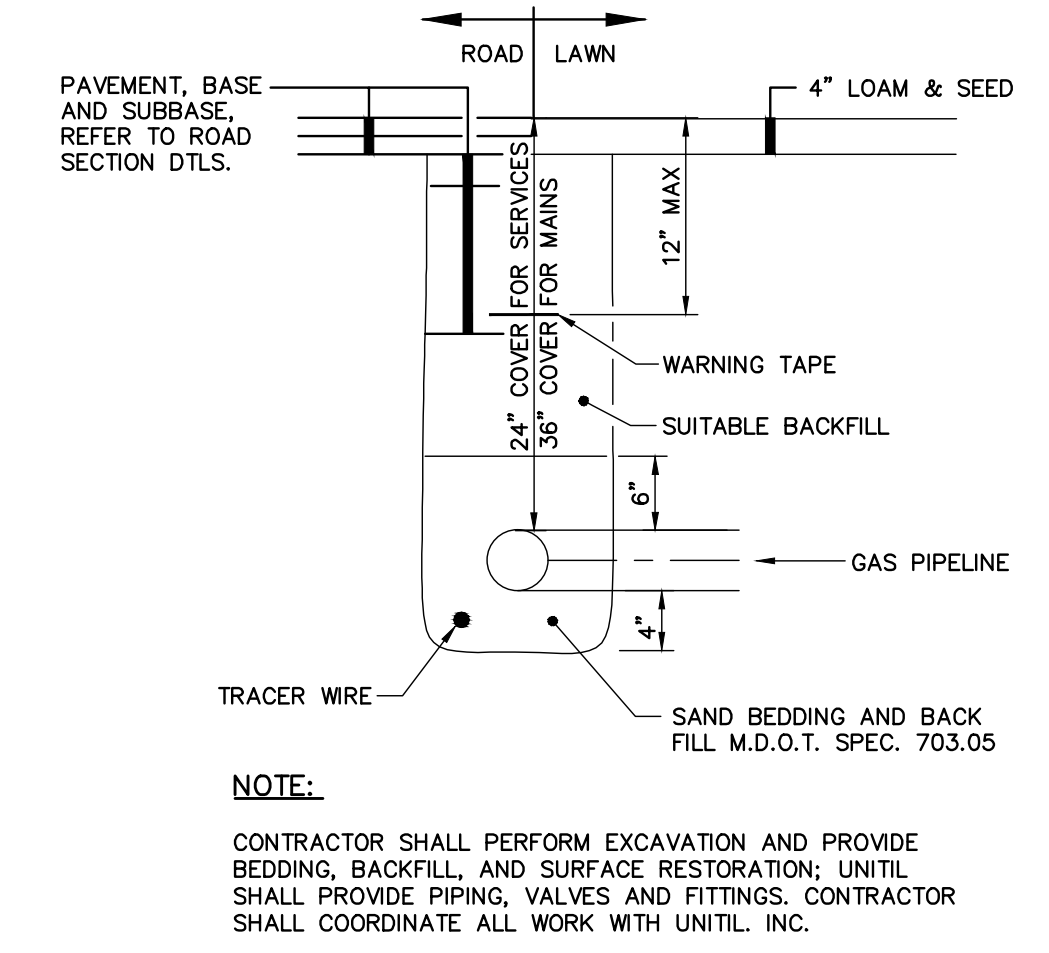
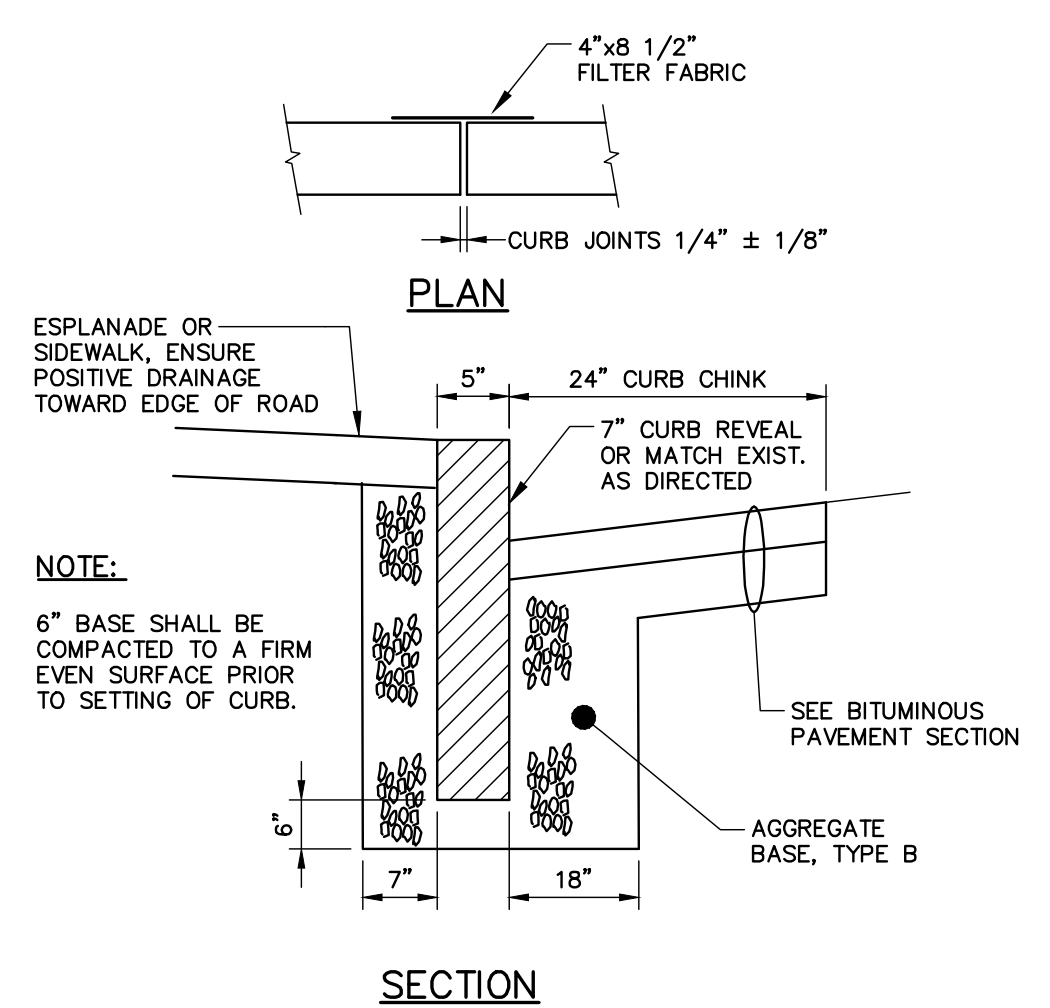
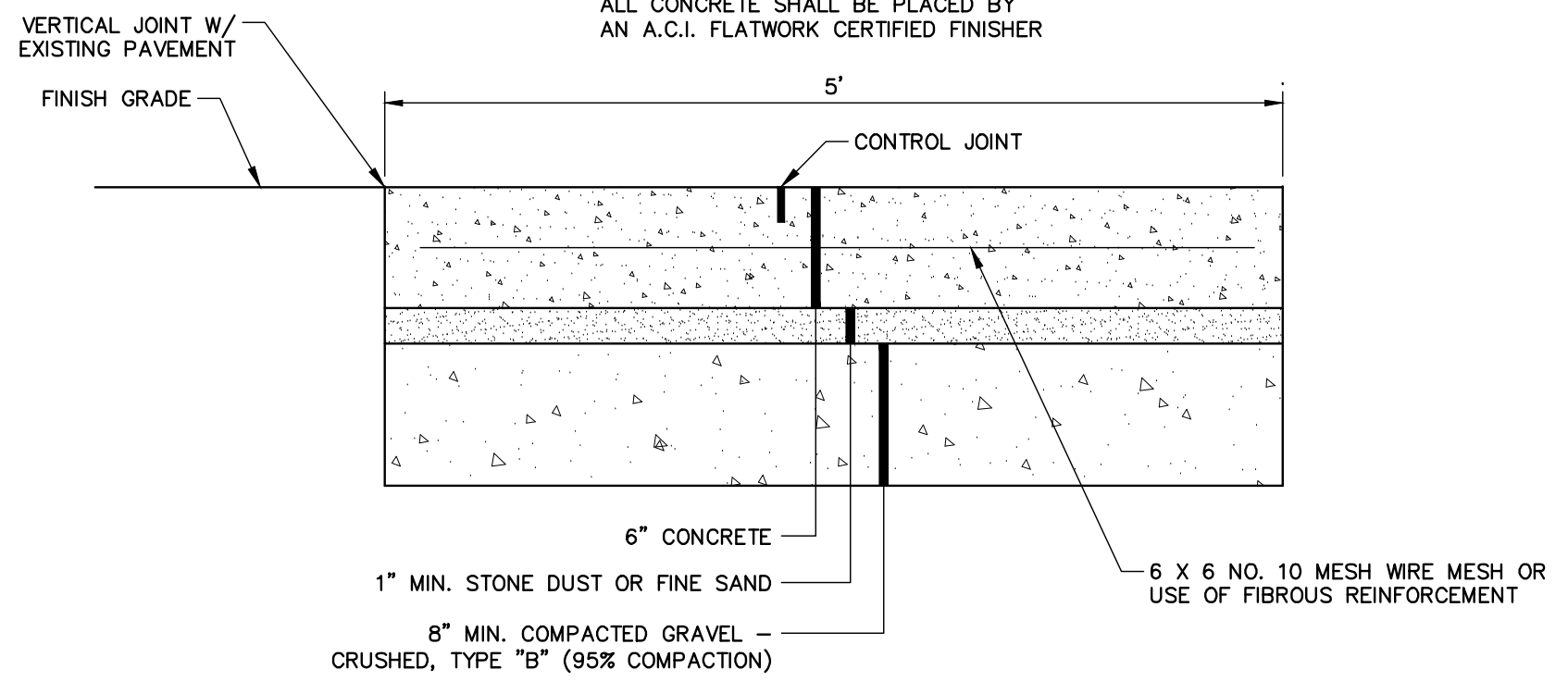
TITLE
EROSION
CONTROL PLAN

SHEET

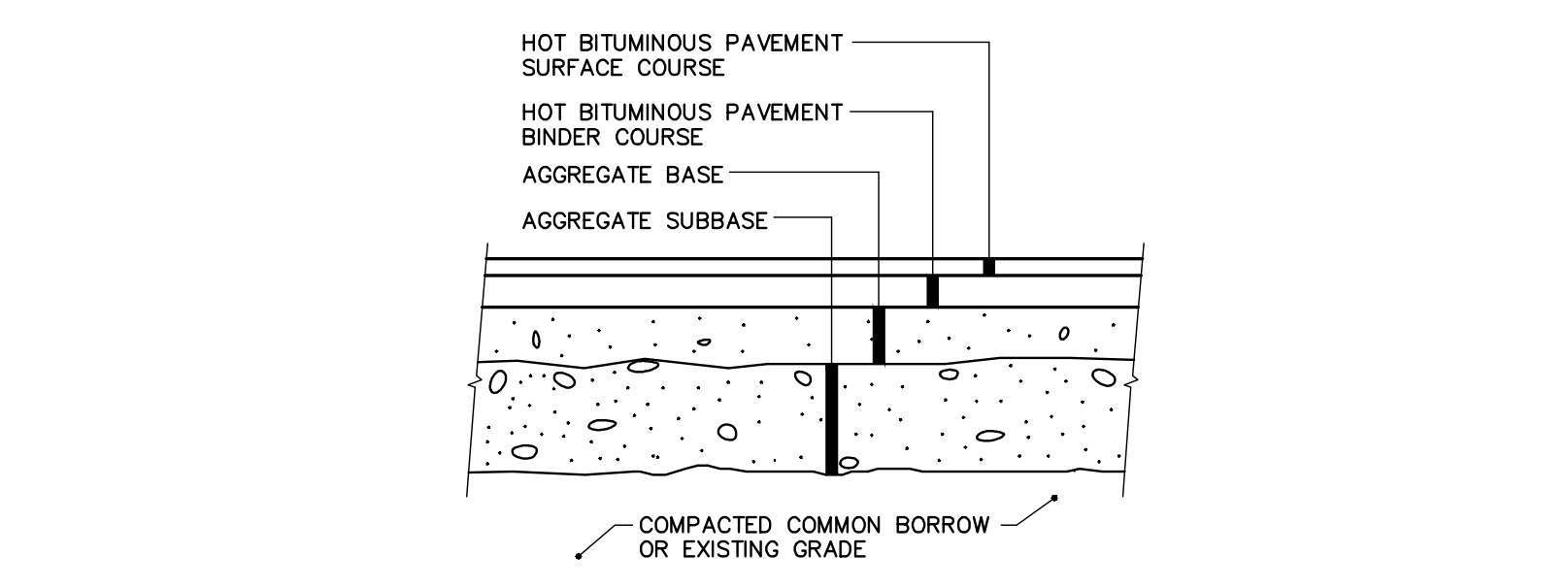
C6



- CONCRETE SPECIFICATION:**
- 4000 p.s.i.
 - 3/4" AGGREGATE
 - 6 - 7 1/2% AIR ENTRAINMENT
 - SLUMP - 4" ± 1"
- CONTROL JOINT SPECIFICATION:**
- SPACING OF JOINTS - 10 FEET ON CENTER ALONG LENGTH
 - SAW CUT JOINTS AT 1 1/2" MAX. DEPTH
- FINISH SPECIFICATION:**
- BROOM SWEEP FINISH
 - CURE WITH CURE-TO-SPEC MS
 - AFTER CONSTRUCTION JOINTS HAVE BEEN FILLED AND SEALED; APPLY "CONSOLIDOCK SALTGUARD"
- NOTE:**
ALL CONCRETE SHALL BE PLACED BY AN A.C.I. FLATWORK CERTIFIED FINISHER



- 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 JOINTS AT ROADWAY WORK LIMITS. REFER TO PIPE INSTALLATION DTL. OR BITUMINOUS PAVEMENT SECTION DTLs. FOR TRENCH REPAIR REQUIREMENTS.



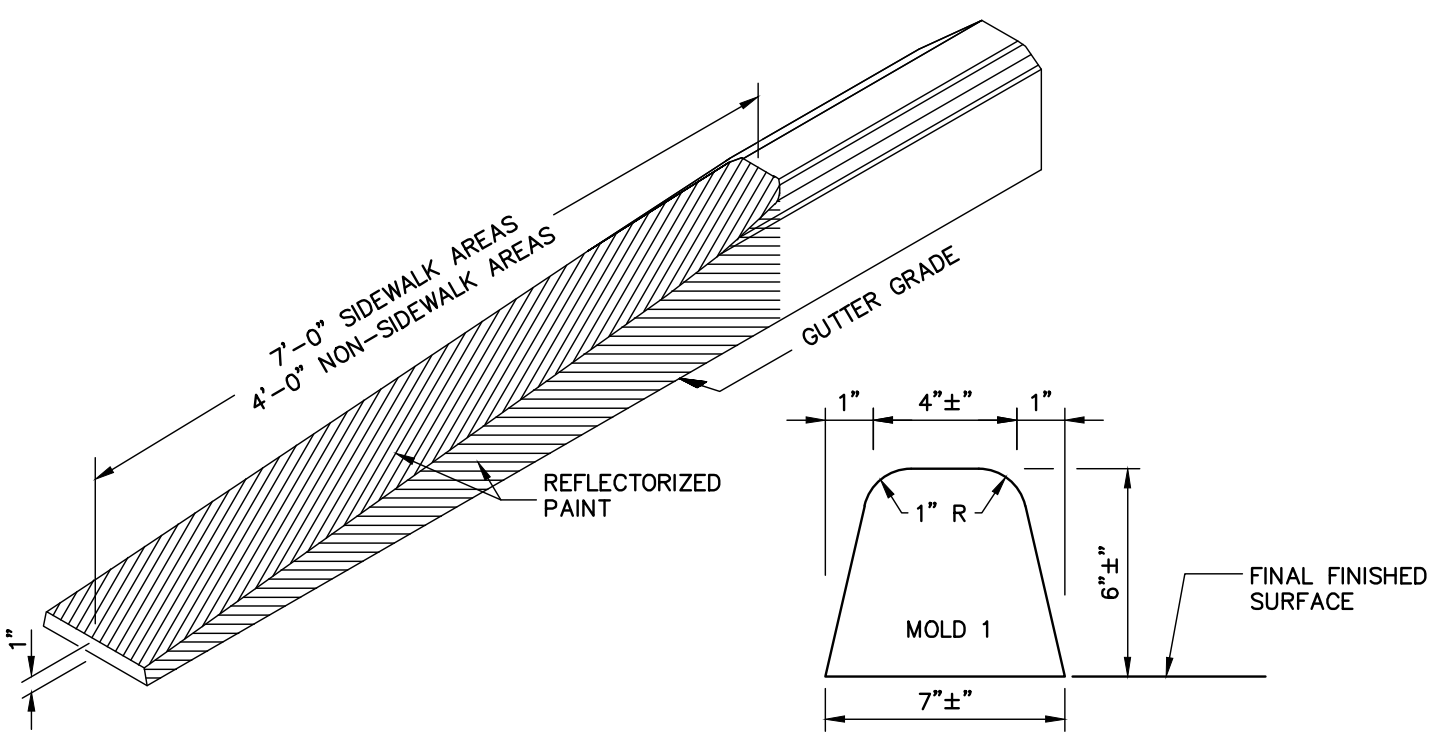
	SURFACE COURSE	BINDER COURSE	AGGREGATE BASE	AGGREGATE SUBBASE
STREET R.O.W.	1 1/2" - 9.5 mm HMA	2" - 19.0 mm HMA	3" - MDOT TYPE B	15" - MDOT TYPE D
EXTERIOR PARKING LOT AND DRIVEWAY	1 1/4" - 9.5 mm HMA	2 1/4" - 19.0 mm HMA	6" - MDOT TYPE A	15" - MDOT TYPE D
BELOW BUILDING PARKING LOT AND CONNECTOR	1 1/4" - 9.5 mm HMA	2 1/4" - 19.0 mm HMA	6" - MDOT TYPE A	45" - STRUCTURAL FILL PER SPEC

BITUMINOUS PAVEMENT SECTION
N.T.S.

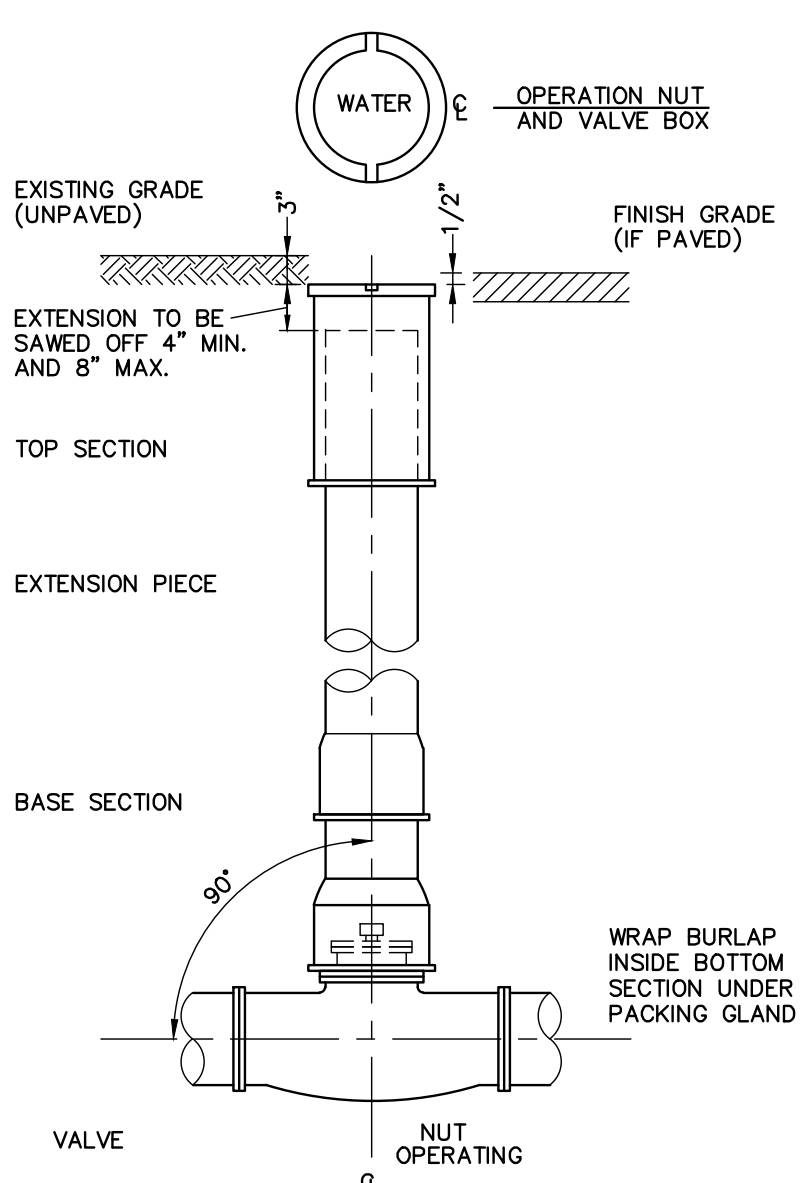
CURB TYPE 1 ON CURVES

TYPE	RADIUS OF CURVE	LENGTH	STONE IS CUT OR CAST
1	0' TO 60' INCL.	4' MIN.	ARC TO FIT CURVE
	OVER 60' TO 160'	4' TO 6'	STRAIGHT PIECES

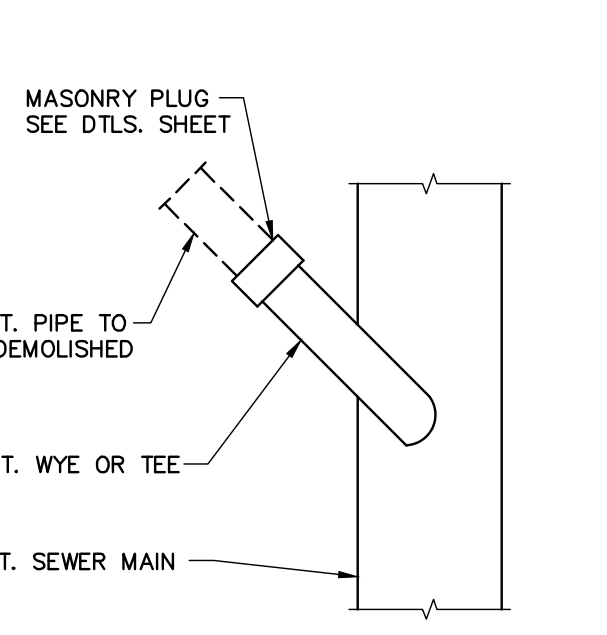
TYPICAL NEW AND RESET CURB INSTALLATION
N.T.S.



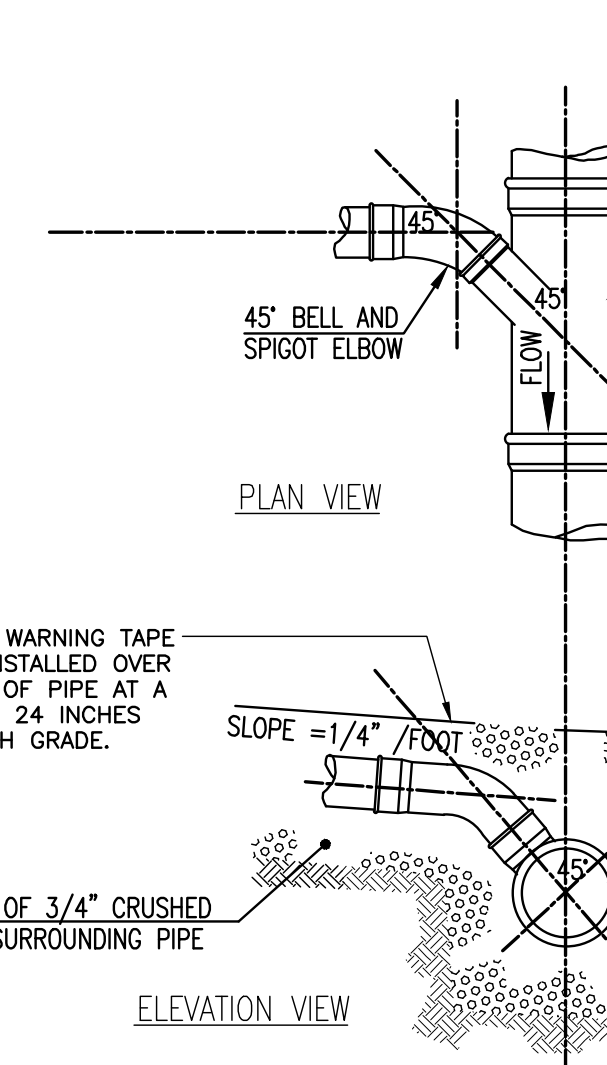
BITUMINOUS CURB - TYPE 3
N.T.S.



MASONRY PLUG DETAIL
N.T.S.



MASONRY PLUG @ MAIN
N.T.S.



TYPICAL SEWER LATERAL WYE CONNECTION DETAILS
N.T.S.

NOTE: FOR INSERTA TEE CONNECTIONS TO SEWER AND STORMDRAIN MAINS, REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS.

GATE VALVE WITH VALVE BOX
N.T.S.

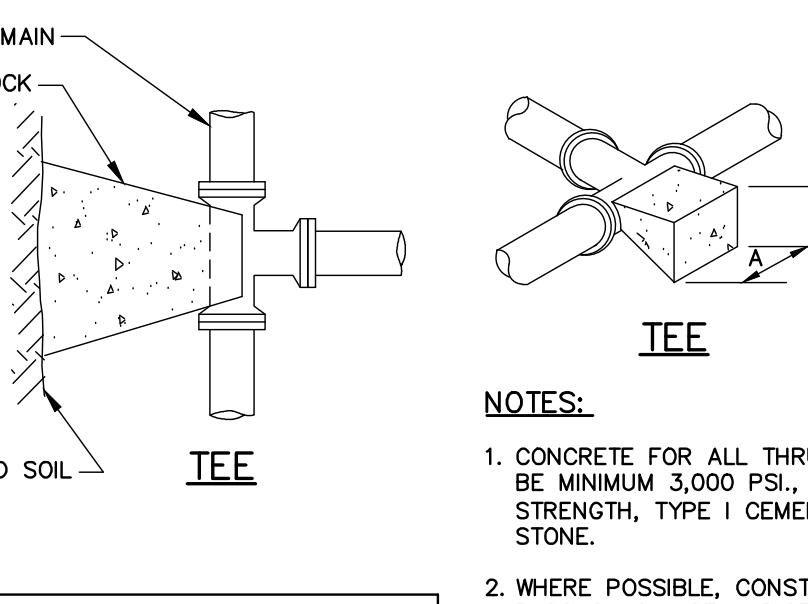
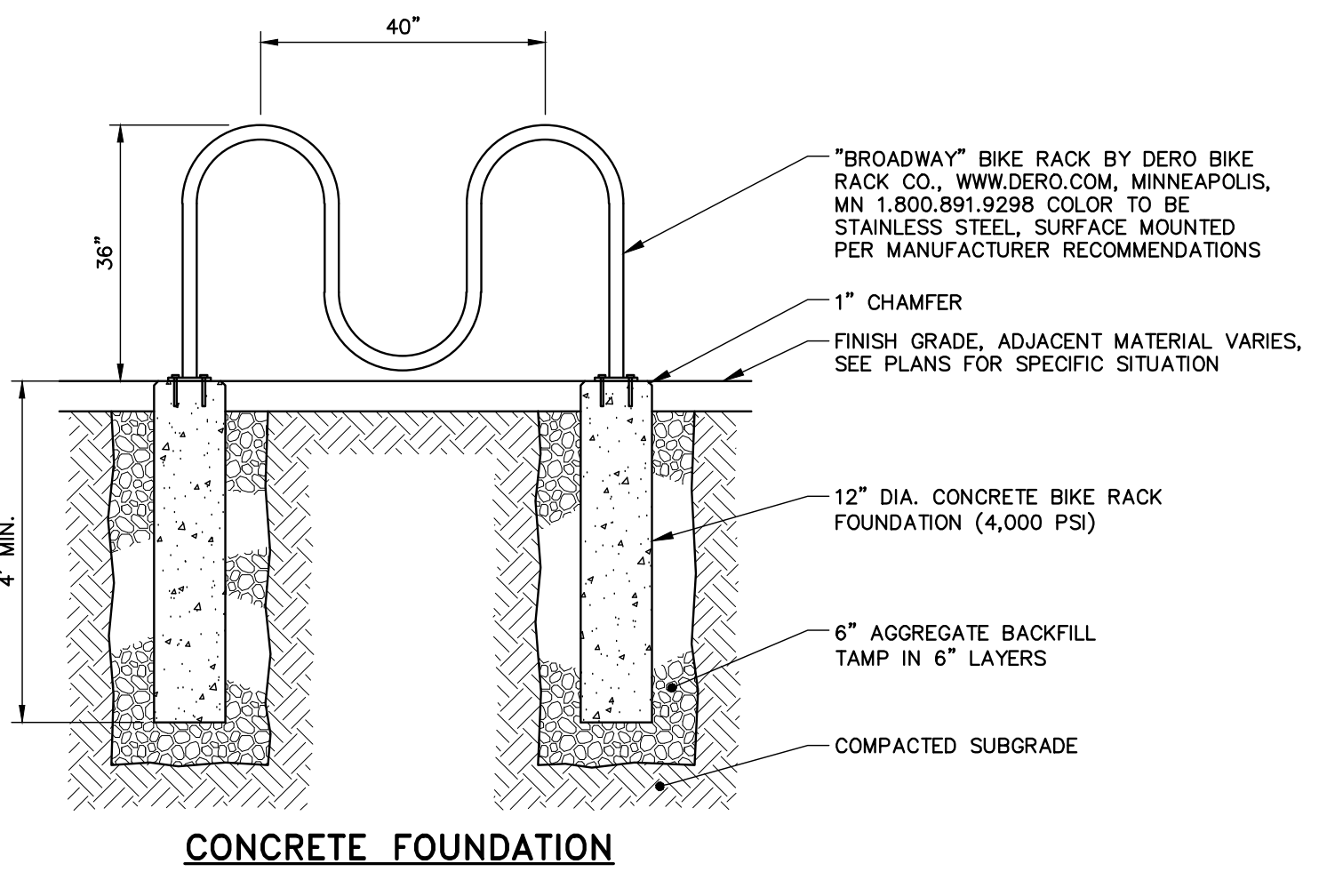


TABLE 1: 4" THRU 10" FITTINGS

SOIL TYPE	TEES		BENDS	
	A	B	A	B
SOFT CLAY	48"	24"	48"	24"
SAND	24"	24"	24"	24"
GRAVEL	24"	18"	24"	18"

TYPICAL THRUST BLOCK DETAIL
N.T.S.



Tools Needed for Installation

- Tape Measure
- Marker or Pencil
- Masonry Drill Bit
- Drill (Hammer drill recommended)
- Hammer
- Wrench or ratchet 9/16"
- Level

Recommended Base Materials:

Solid concrete is the best base material for installation. Ask your Dero Rack representative which anchor is appropriate for your application to ensure the proper anchors are shipped with your rack. Be sure nothing is underneath the base material that could be damaged by drilling.

Installation:

3/8" anchors are shipped with the rack. Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material. Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 6" away from any cracks in the base material.

Tamper Resistant Fasteners

The concrete spike is a permanent anchor. The top of the wedge anchor can also be pounded sideways after installation so that it cannot be removed. Other tamper resistant fasteners are also available for purchase.

When using the special tamper resistant nuts, always set and first tighten the anchors. Once the rack is installed, replace two nuts from the bracket (opposite sides from each other) with the tamper resistant fastener. DO NOT OVERTIGHTEN the tamper resistant nut.

If you have any questions about installation or other features of the Broadway Rack, please call us toll free at 1-800-298-4915

DERO "BROADWAY" BIKE RACK DETAIL
N.T.S.

CARROLL ASSOCIATES
LANDSCAPE ARCHITECTS
307 COMMERCIAL STREET, #75-200
PORTLAND, MAINE 04101
207-775-1059
www.pdiarchs.com

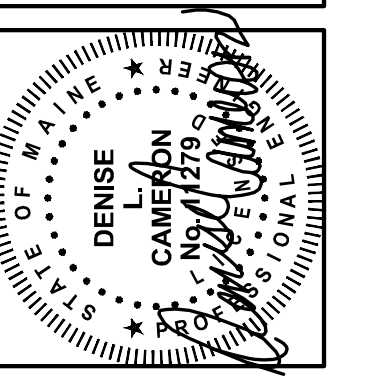
WOODARD & CURRAN
41 Hutchins Drive
Portland, Maine 04102
800-541-2322 | www.woodardcurran.com
COMMITMENT & INTEGRITY DRIVE RESULTS

PDT ARCHITECTS
40 DARTMOUTH STREET
PORTLAND, MAINE 04101
207-775-1059
www.pdiarchs.com

AVESTA HOUSING
307 CAMBERLAND AVENUE
PORTLAND, MAINE 04101
www.avestahousing.org

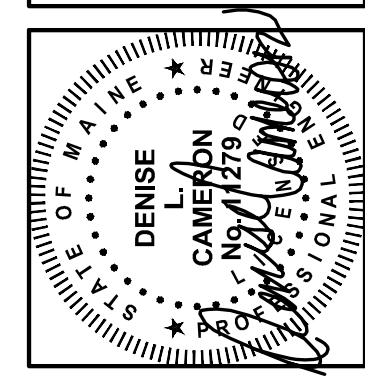
AVESTA HOUSING

Pearl Place II ~ 184 Pearl Street
PORTLAND, MAINE

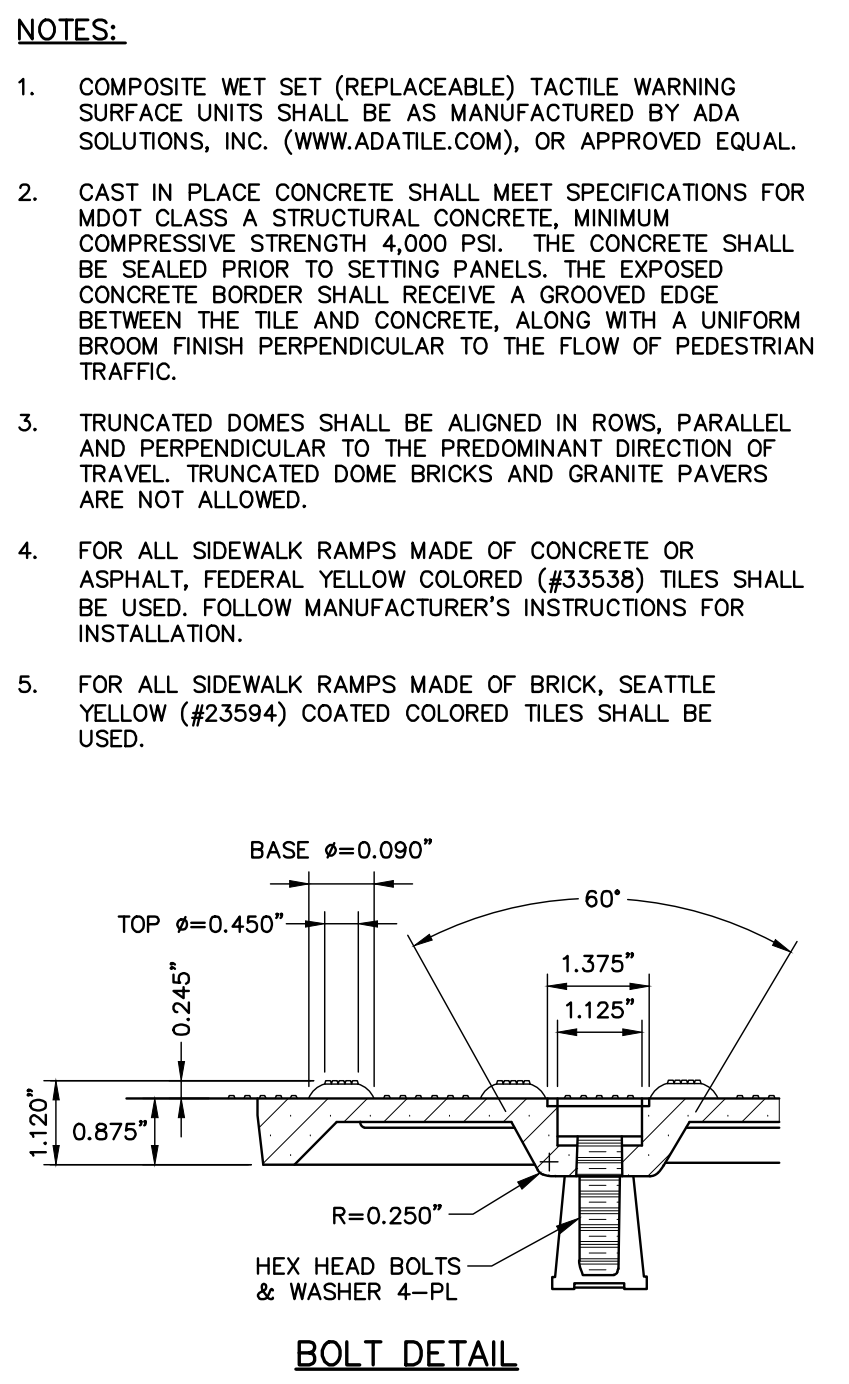
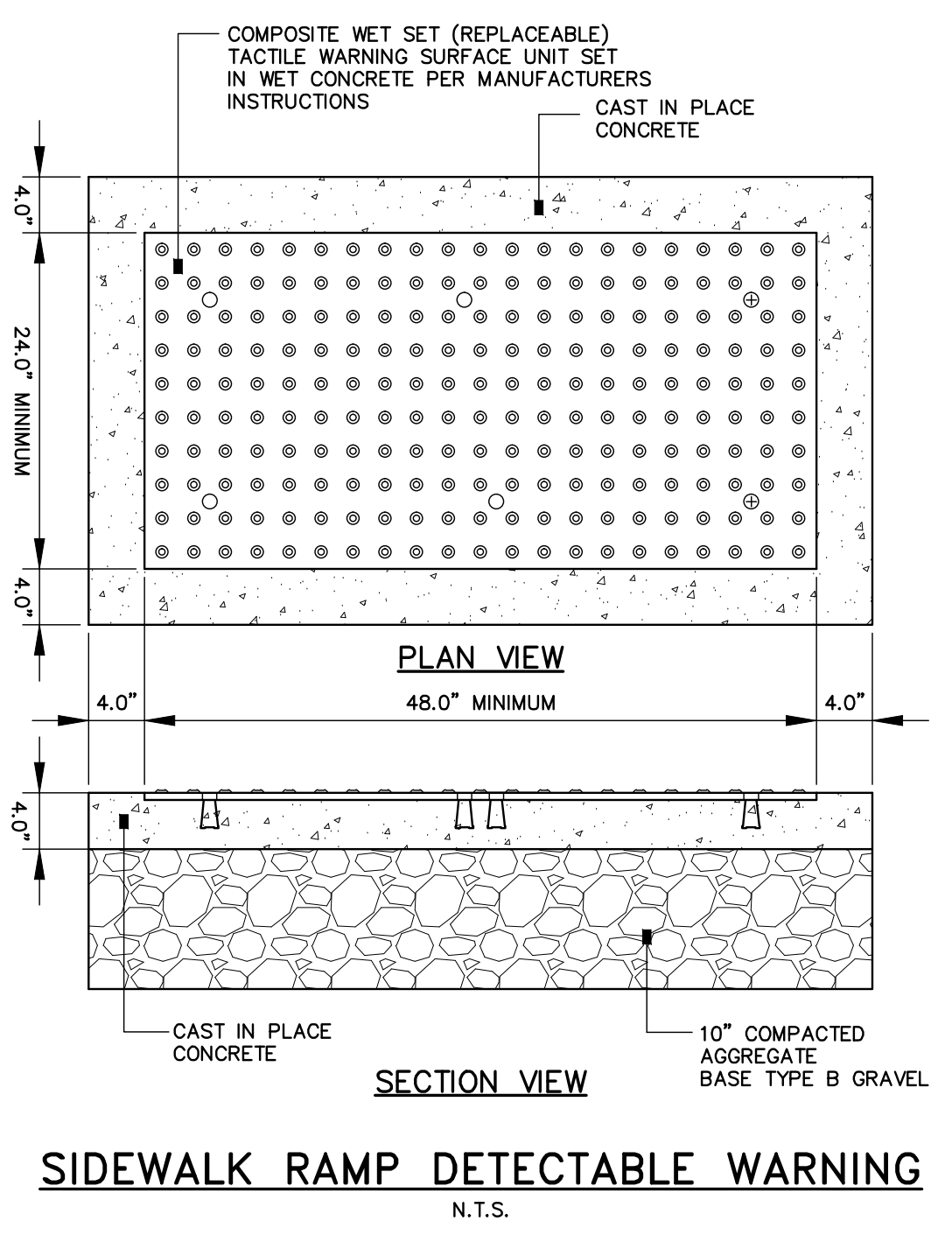
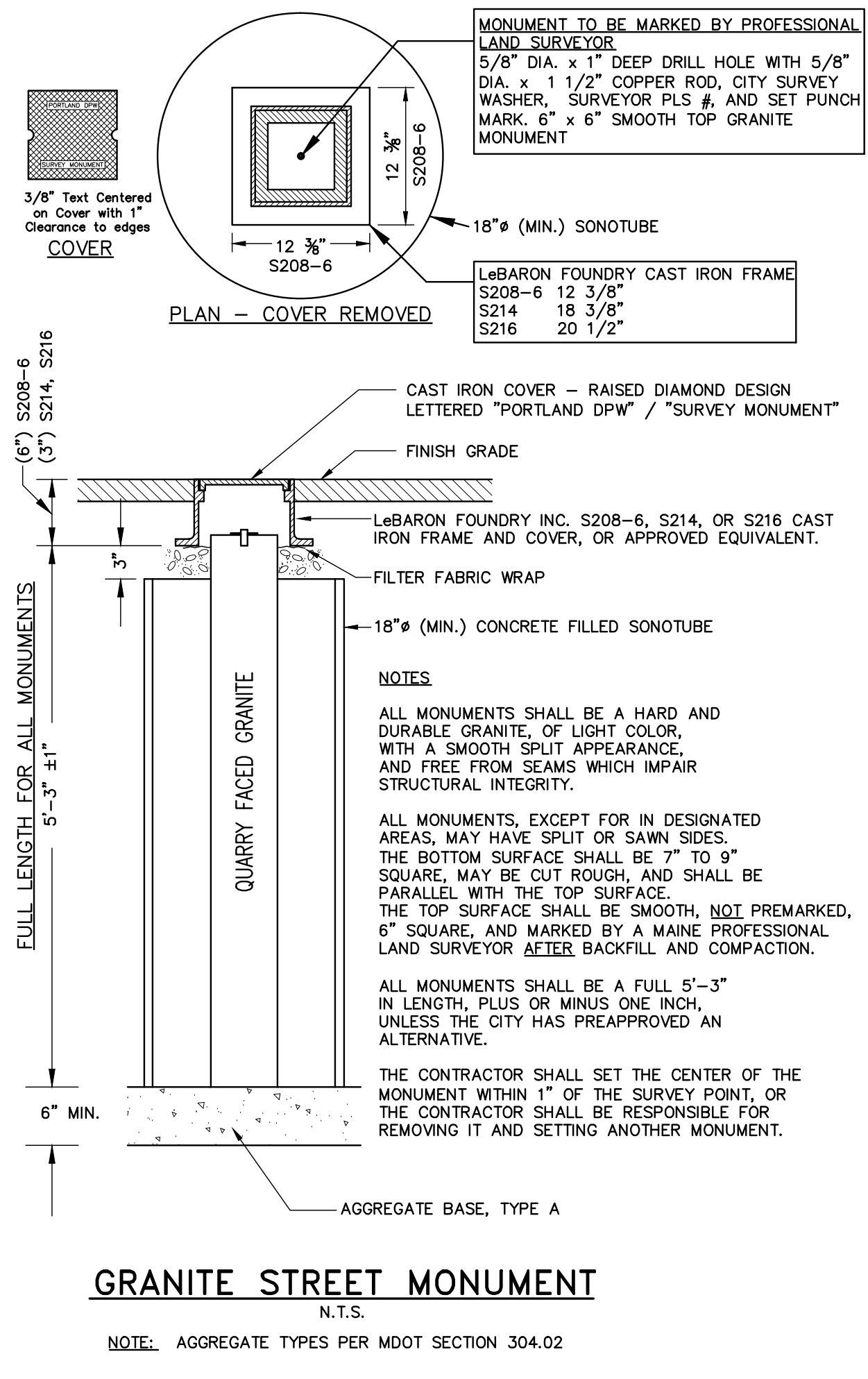
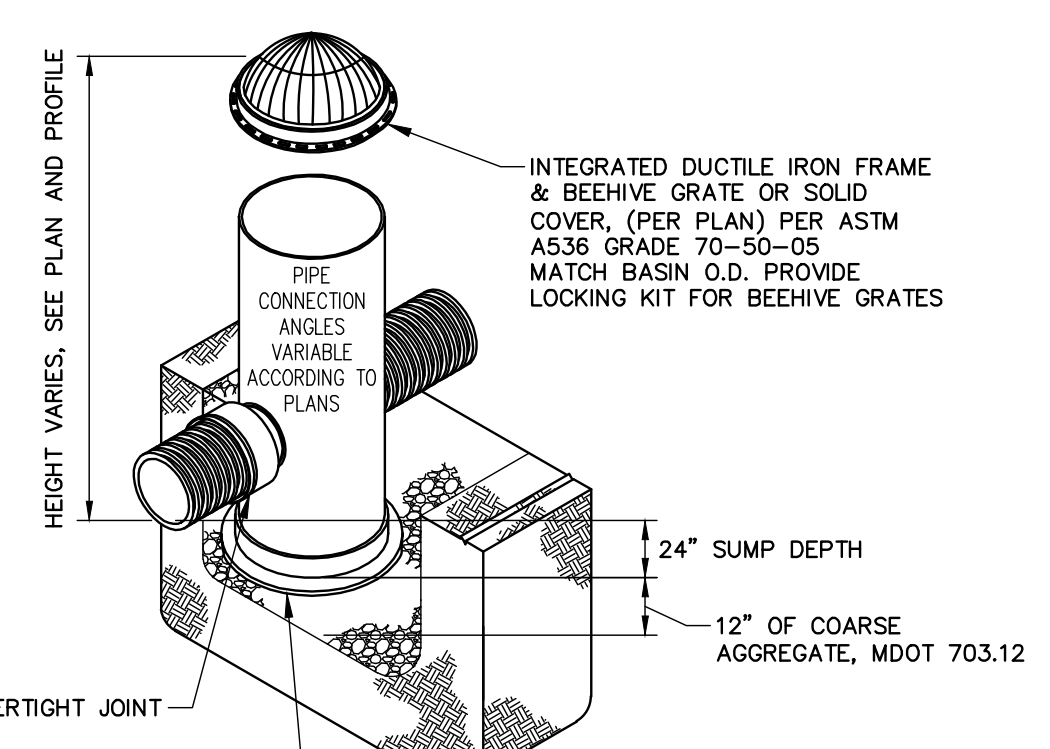
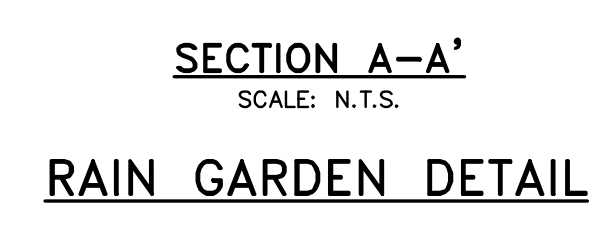
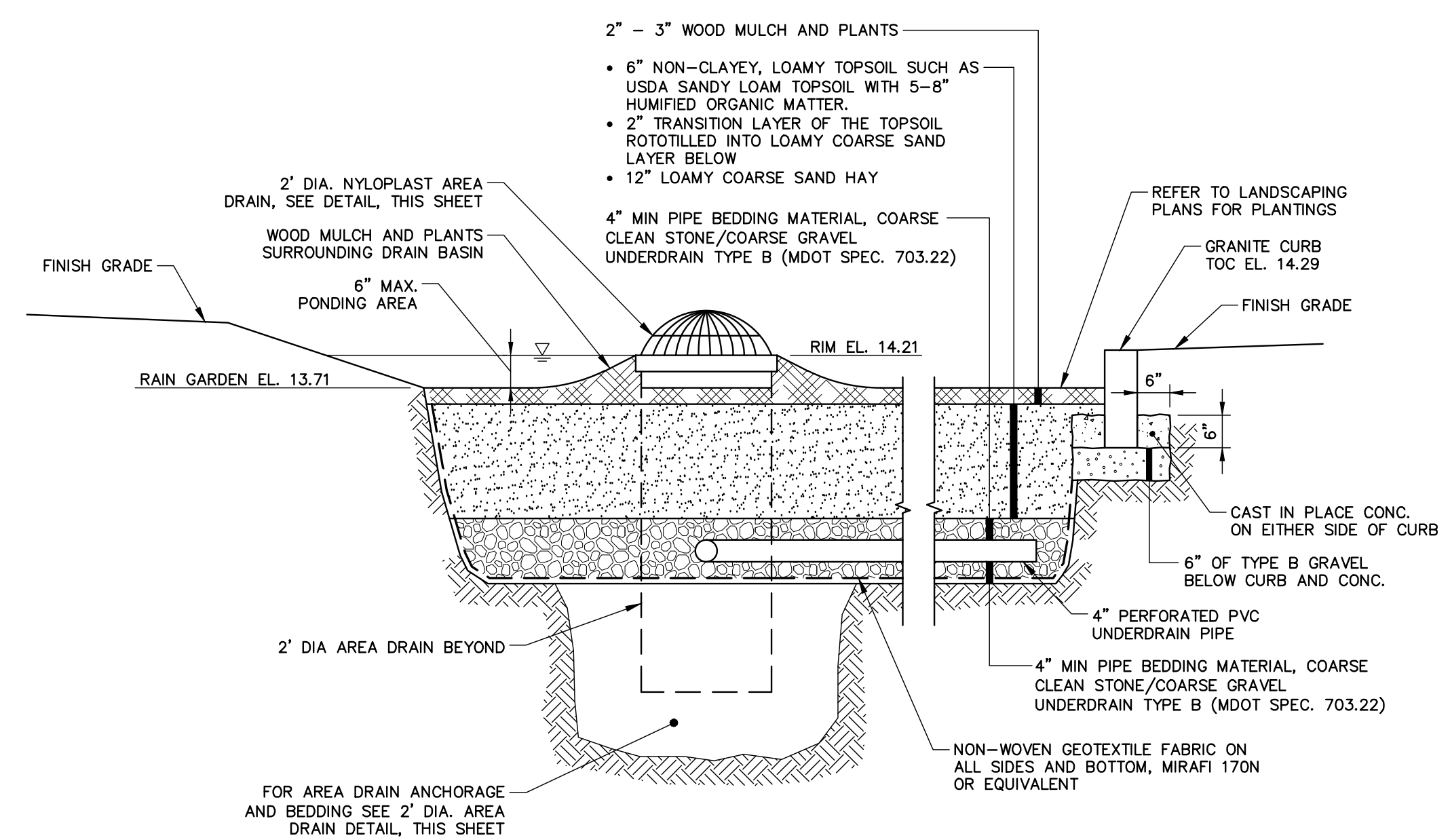
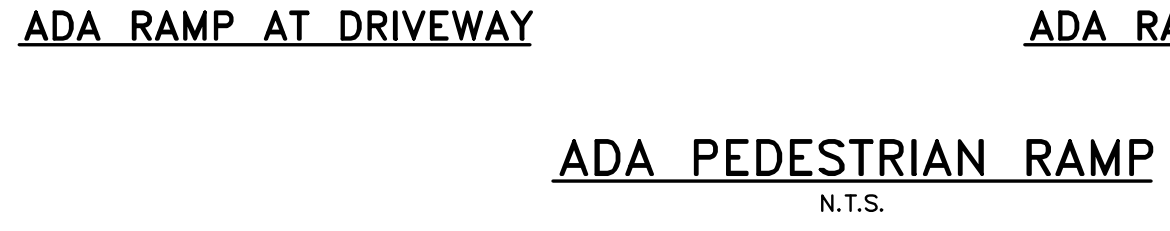
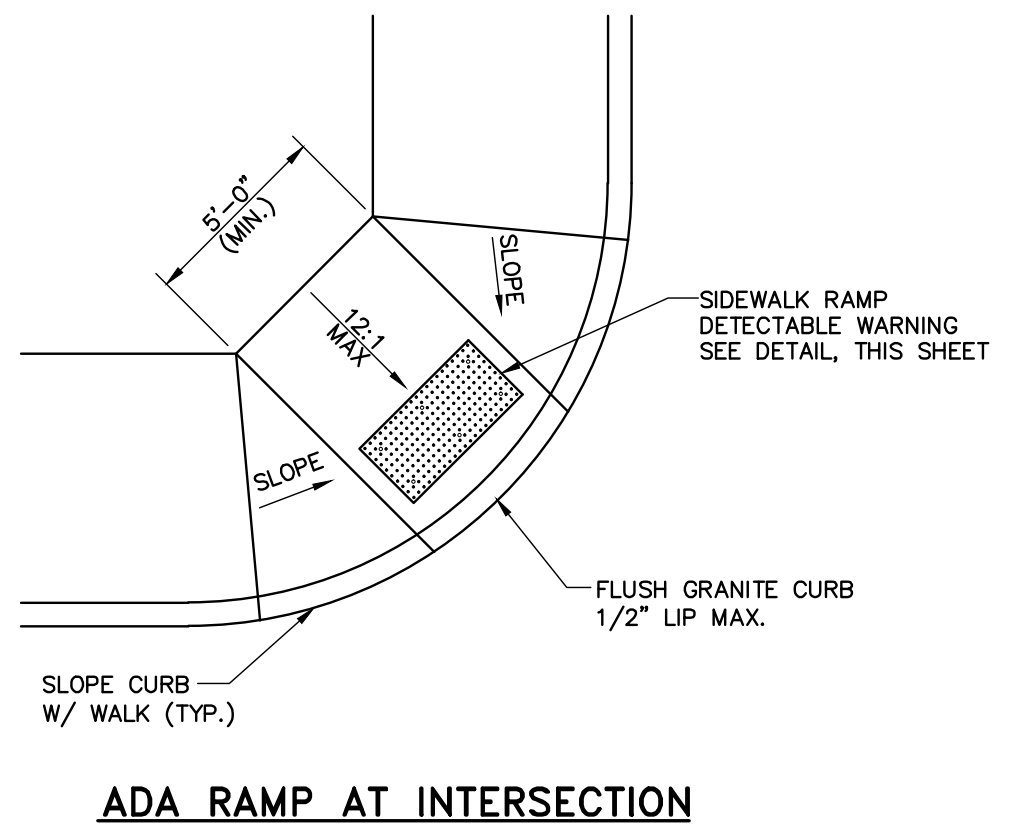
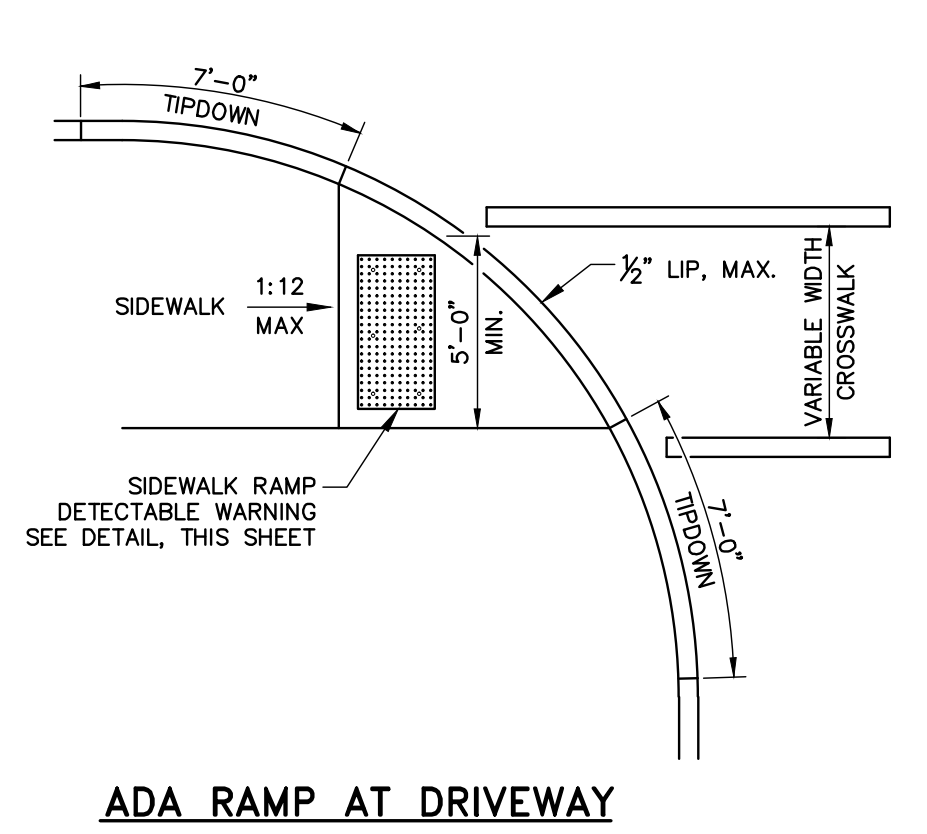
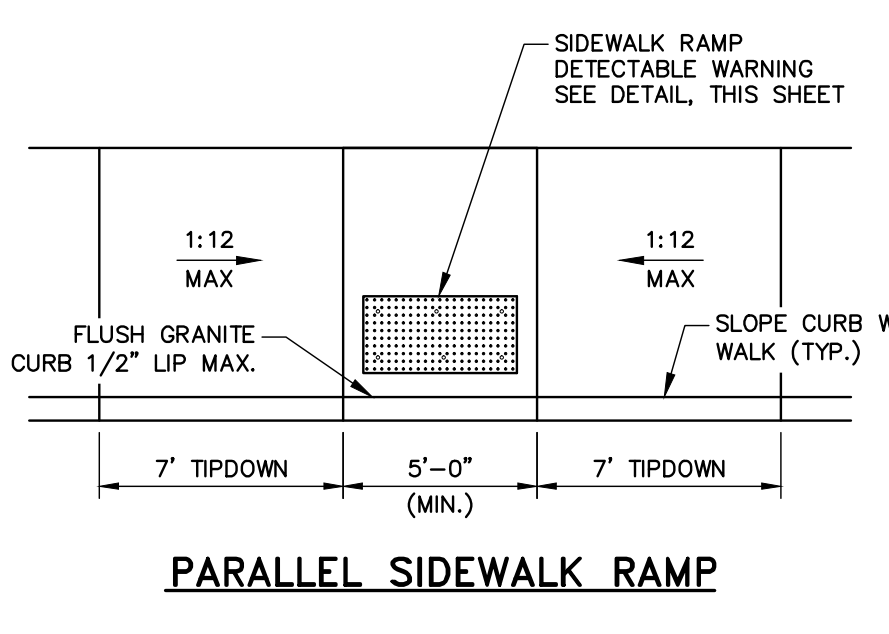
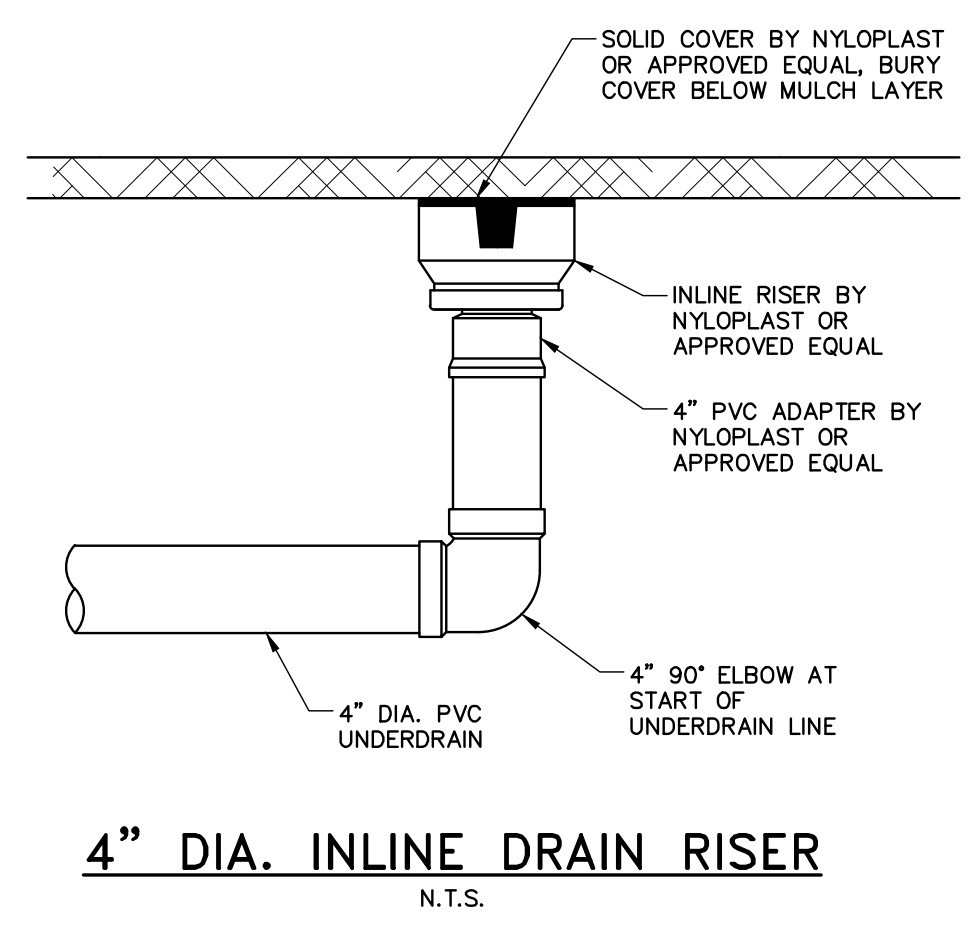
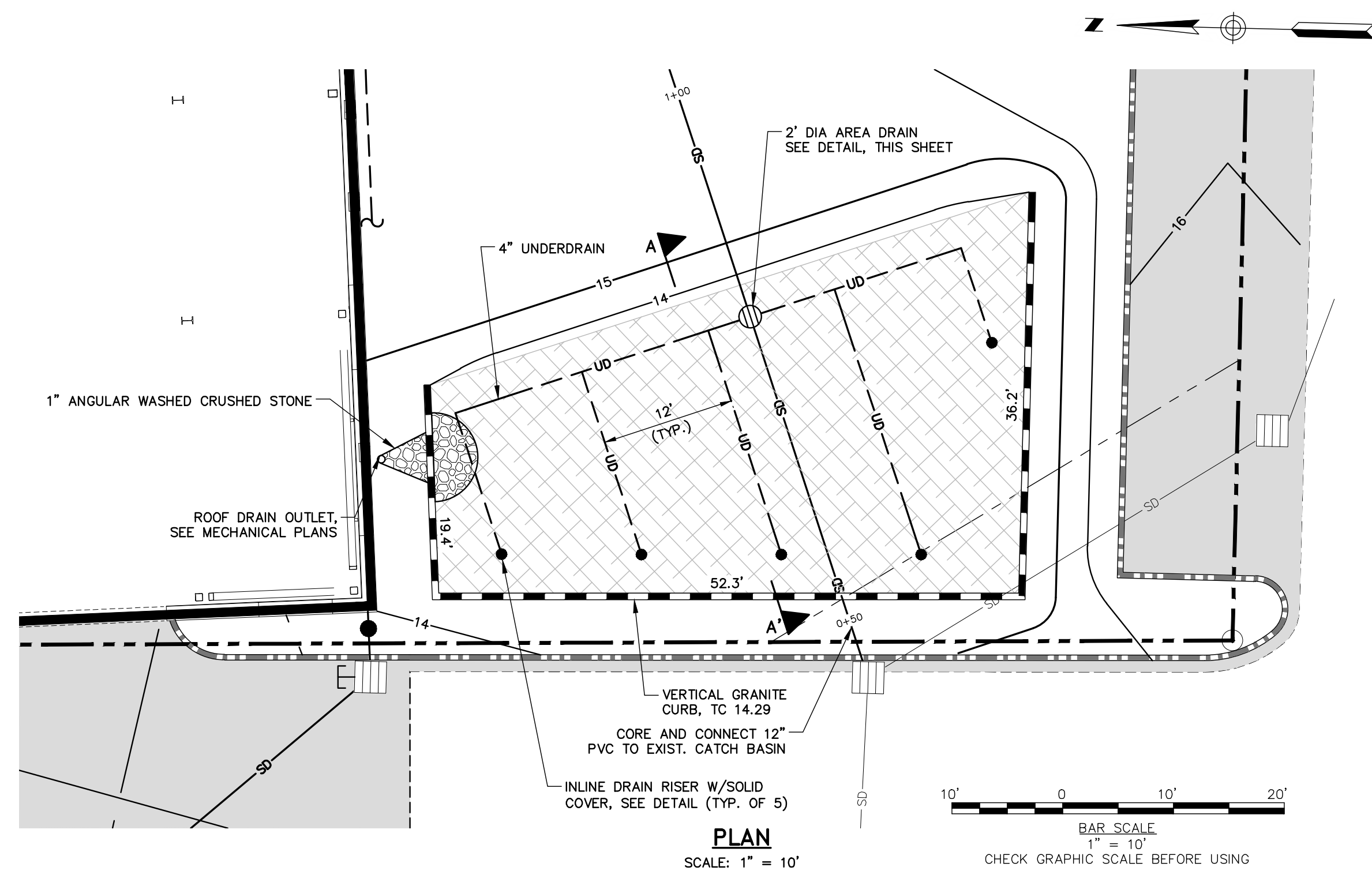
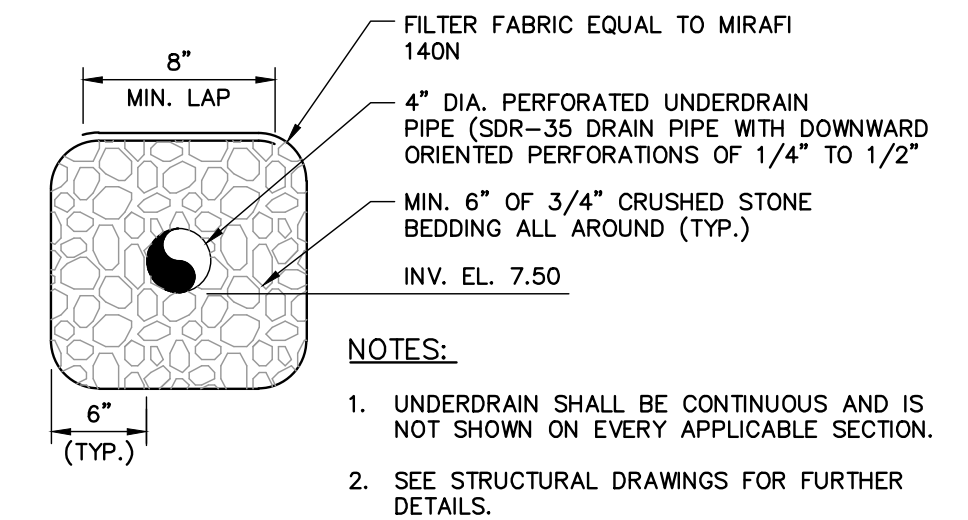


JOB NO. 10-020
DRWN. CHK JBC SCALE: DLC
ISSUE 08/03/2011
TITLE CIVIL DETAILS - 2
SHEET C8

J:\portland\Projects\1223650 PDT Arch-Pearl Place Phase 2\Deliverables\2011.08.03 Bid Set\Plans\DWG\223650-C200.dwg, Jul 29, 2011 - 9:43am



JOB NO.	10-020
DRWN. CHK.	JBC
JBC	DLC
SCALE:	AS NOTED
ISSUE	08/03/2011
TITLE	CIVIL DETAILS - 3
SHEET	C9



JCOULLOMBIE
Portland/Projects/1223650 PDT Arch-Pearl Place Phase 2/Deliverables/2011.08.03 Bid Set/Plans/DWG/223650-C200.dwg, Jul 29, 2011 - 9:43am

EROSION AND SEDIMENTATION CONTROL NOTES

Temporary Erosion Control

Contractor shall prepare and submit a soil erosion and water pollution control plan to engineer in accordance with section 656.

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, Siltaver 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.
Mulch	April 15 to Sept. 15	On all areas of exposed soil prior to rain events or every 1,000 sq. ft. by mechanical blower.
Winter Mulch	Sept. 16 to Oct. 31	On all areas of exposed soil prior to precipitation or every 1,000 sq. ft. by mechanical blower. Erosion control blanket may be used as a substitute for winter mulch.
Inspections	Nov. 1 to April 14	On all areas of exposed soil, apply 150 to 170 lbs. mulch (4 bales) per 1,000 sq. ft. and anchor with netting at the end of each working day. Erosion control blanket may be used as a substitute for winter mulch.
Inspections	Until site is permanently stabilized	Inspect the erosion and sedimentation control measures daily, and maintain and repair as necessary.

Permanent Erosion Control:

Measure	Dates For Use	Timing, Activity, and Location
Pavement - Base Course - Final Course	When no frost is in ground	Install only in areas shown on the plan, shortly after pavement base is brought to final grade. Install near completion of project.
Permanent Seeding	April 15 to Sept. 15	On final grade areas, within 7 days of grade preparation, prepare topsoil, followed by seed and mulch application.
Dormant Seeding	Sept. 16 to April 15	On final grade areas, with prepared topsoil, apply seed at double the specified rate on bare soil, and follow with application of winter mulch.
Ground Cover, Trees, Shrubs	April 15 to Nov. 1	Install with final landscaping.
Permanent Mulch	ALL	Install with final landscaping.

Inspections:

Regular inspections of all erosion and sedimentation controls shall be made at least weekly and prior to and following storm events. Minimum inspections shall be made as listed in the table below.

Inspected Item	Look For
Mulched Surfaces	Thin mulch or inadequate application. Wind movement.
Seeded Surfaces	Poor seed germination. Loss of mulch. Development of ruts.
Sediment Barrier	Sediment build-up to one half the height of the barrier. Undermining of the barrier. Supporting stakes loose, toppled, or unmarked. Breaks in barrier.
Perimeter Diversion	Discharge is to stabilized area. Erosion or breaks in barrier. Supporting stakes loose, toppled or unmarked.
Catch Basin Protection	Sediment build-up and structure blockages. Slow flow/ponding water. Breaks in fabric or voids in barrier.
Dewatering Filter	Breaks in fabric or supporting structure. Slow flow, indicating high sediment build-up.
Construction Entrance	Sedimentation of roadways. Off-site dust complaints.

EROSION AND SEDIMENTATION 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, FLANGE 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/BLW/DOCS/STAND/ESCOMBES/](http://MAINE.GOV/DEP/BLW/DOCS/STAND/ESCOMBES/)
- 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 SEEDING 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 SOILED AREAS, PERMANENT STABILIZATION MEANS THAT COMPLETE BINDING OF THE SOIL ROOTS INTO THE UNDERLYING SOIL, WITH NO SLUMPING OF THE SOIL 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 BACKFILL 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.
- IF THE AREA WILL REMAIN UNWORKED FOR MORE THAN ONE YEAR OR HAS BEEN BROUGHT TO FINAL GRADE, AND WILL NOT BE BUILT ON, THEN IMMEDIATELY PROVIDE PERMANENT STABILIZATION USING VEGETATION THROUGH PLANTING, SEEDING, SOIL THROUGH THE USE OF PERMANENT MULCH OR RIPRAP. IF USING VEGETATION FOR STABILIZATION, SELECT THE PROPER VEGETATION FOR THE LIGHT, MOISTURE, AND SOIL CONDITIONS. AMEND AREAS OF DISTURBED, OVERLY-COMPACTED SUBSOIL WITH TOPSOIL OR COMPOST AND LIGHTLY TILL 2-3" OF SOIL AMENDMENTS INTO THE TOP 8" OF SOIL.
- PERMANENT SEEDING SPECIFICATION: IT IS RECOMMENDED THAT PERMANENT SEEDING BE COMPLETED BETWEEN APRIL 1 AND AUGUST 15 OF EACH YEAR. LATE SEASON SEEDING MAY BE DONE BETWEEN AUGUST 15 AND SEPTEMBER 15. AREAS NOT SEEDED OR WHICH DO NOT OBTAIN A SATISFACTORY GROWTH BY OCTOBER 1 SHALL BE SEEDING WITH AROSBROOK WINTER RYE OR MULCHED. SEE WINTER SEEDING AND MULCHING SPECIFICATIONS FOR STABILIZATION AFTER NOVEMBER 1.
 - APPLY TOPSOIL TO A DEPTH OF 4 INCHES. IN COMPACTED AREAS TILL 2-3" OF COMPOST INTO UPPER 8" OF DISTURBED SOIL AND THEN APPLY 4 INCHES OF TOPSOIL.
 - APPLY LIME AND FERTILIZER ACCORDING TO SOIL TESTS. IN LIEU OF SOIL TESTS, APPLY GROUND LIMESTONE AT A RATE OF 33 LBS PER 1000 SQUARE FEET AND GRANULAR, COMMERCIAL-GRADE FERTILIZER 10-10-10 AT A RATE OF 18 LBS PER 1000 SQUARE FEET.
 - UNIFORMLY APPLY SEED MIXTURE AT THE RECOMMENDED SEEDING RATES AND DATES, APPLY HAY OR STRAW MULCH AT A RATE OF 2-5 BALES PER 1000 SQUARE FEET AND ANCHOR AS NECESSARY.
 - THE SEED MIXTURE FOR SOIL MODIFIED HANGARDENS SHALL CONSIST OF NEW ENGLAND EROSION CONTROL /RESTORATION MIX FOR DETENTION BASINS AND MOST SITES, SUPPLIER NE WETLAND PLANTS, INC., AMHERST, MA TEL: 413-548-8000 OR APPROVED EQUAL. THE MIX MAY BE APPLIED BY HYDROSEEDING, BY MECHANICAL SPREADER, OR ON SMALL SITES IT CAN BE SPREAD BY HAND. WHEN APPLYING ON BARE SOIL, RAKE THE SOIL TO CREATE GROOVES, APPLY SEED, THEN LIGHTLY RAKE OVER. IN NEW ENGLAND, THE BEST RESULTS ARE OBTAINED WITH A SPRING OR EARLY FALL SEEDING. SUMMER AND LATE FALL SEEDING WILL BENEFIT WITH A LIGHT MULCHING OF WEED-FREE STRAW TO CONSERVE MOISTURE. LATE FALL AND WINTER DORMANT SEEDING REQUIRES A SLIGHT INCREASE IN THE SEEDING RATE. FERTILIZATION IS NOT REQUIRED UNLESS THE SOILS ARE PARTICULARLY INFERTILE.
 - THE SEED MIXTURE FOR LAWN AREAS SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS:
 - 10% CREEPING RED FESCUE
 - 25% KENTUCKY BLUEGRASS
 - 60% PERENNIAL RYEGRASS
 - 5% ANNUAL RYEGRASS
 - THE SEED MIXTURE FOR NON-LAWN AREAS WITH LOW-MAINTENANCE SHALL CONSIST OF SEEDS PROPORTIONED BY WEIGHT AS FOLLOWS:
 - 50% CREEPING RED FESCUE
 - 25% TALL FESCUE
 - 10% ANNUAL RYEGRASS
 - 10% WHITE CLOVER
 - 5% RED TOP
- PROTECT ALL SEEDING 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 SOILING TO AVOID FAILURE DUE TO SUMMER DROUGHT AND 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.
- DITCH LININGS AND RIPRAP INLET AND OUTLET PROTECTION SHALL BE INSTALLED WITHIN 48 HOURS OF COMPLETING THE GRADING OF THAT SECTION OF DITCH OR INSTALLATION OF THE CULVERT.
- EROSION CONTROL BLANKET SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, IN THE BASE OF DITCHES AND ANY DISTURBED AREAS WITHIN 100 FEET OF A PROTECTED NATURAL RESOURCE (WETLANDS AND WATER RESOURCES). EROSION CONTROL BLANKET SHALL BE NORTH AMERICAN GREEN SIBBON OR APPROVED EQUAL. EROSION CONTROL BLANKET SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL TEMPORARY EROSION CONTROL MEASURE UPON STABILIZATION OF PROJECT AREA & COST SHALL BE INCIDENTAL TO CONTRACT.

WINTER CONDITIONS

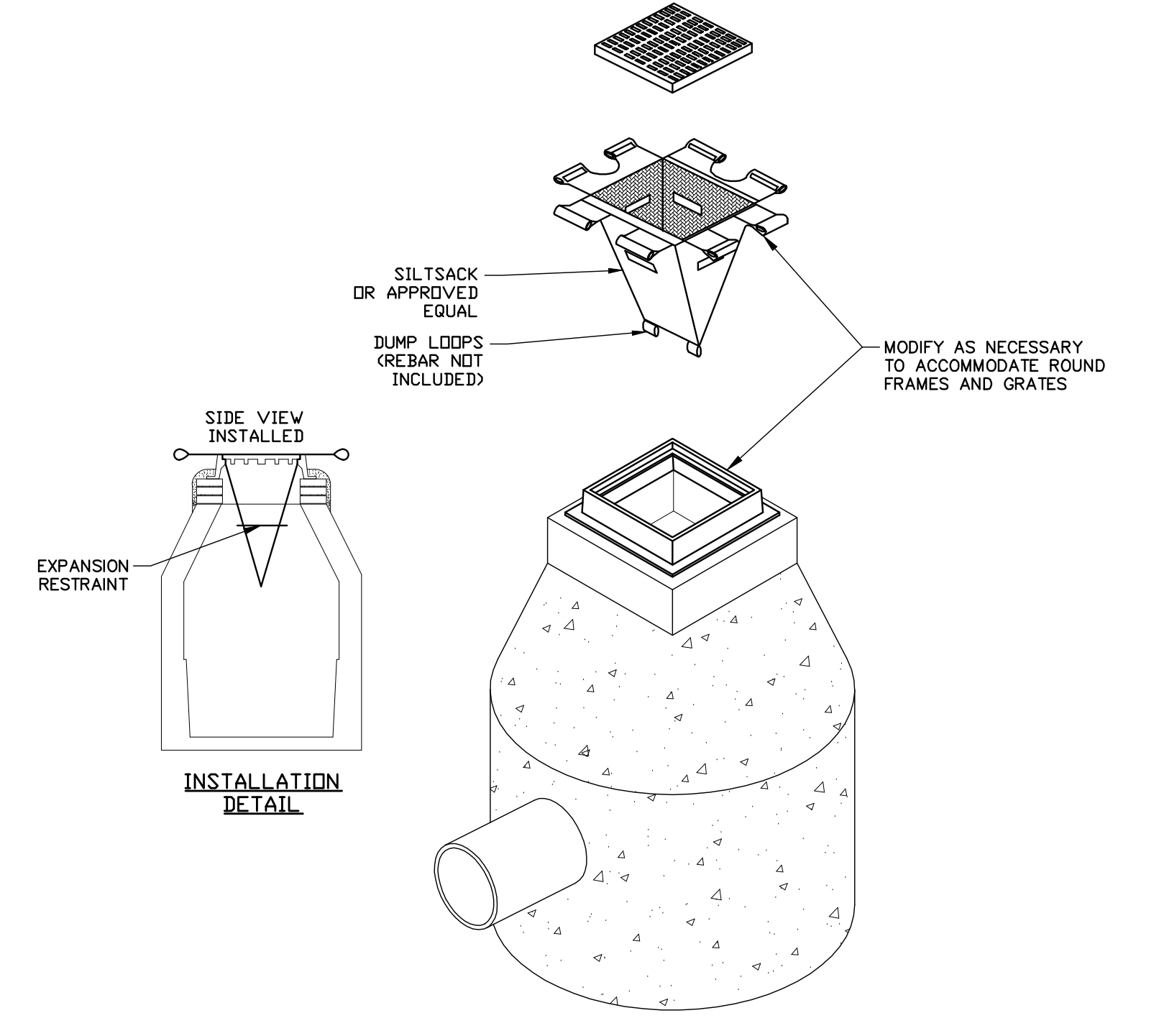
- WINTER CONSTRUCTION IS CONSTRUCTION ACTIVITY PERFORMED DURING THE PERIOD FROM NOVEMBER 1 THROUGH APRIL 1. IF AREAS WITHIN THE CONSTRUCTION AREA ARE NOT STABILIZED WITH TEMPORARY OR PERMANENT MEASURES OUTLINED ABOVE BY NOVEMBER 15 THEN THE SITE MUST BE PROTECTED WITH ADDITIONAL STABILIZATION MEASURES THAT ARE SPECIFIC TO WINTER CONDITIONS.

GOOD HOUSEKEEPING AND POLLUTION PREVENTION

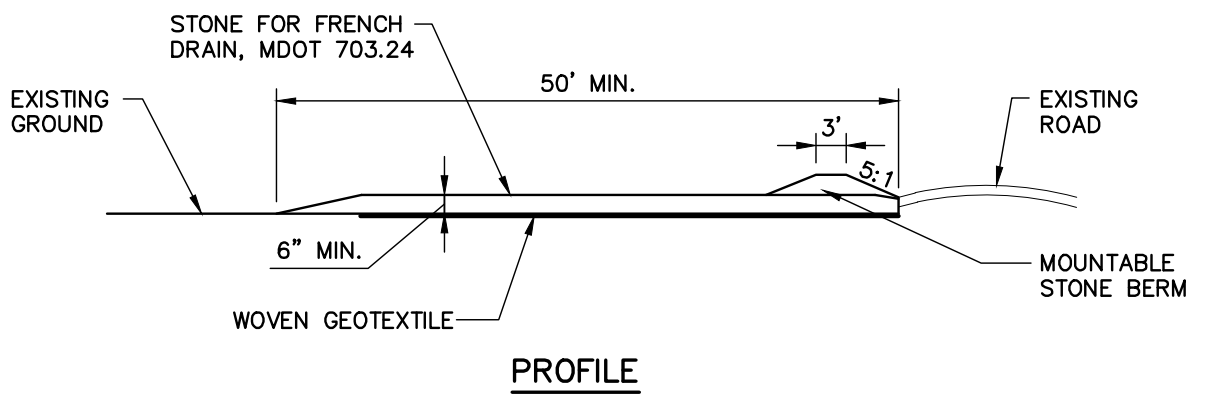
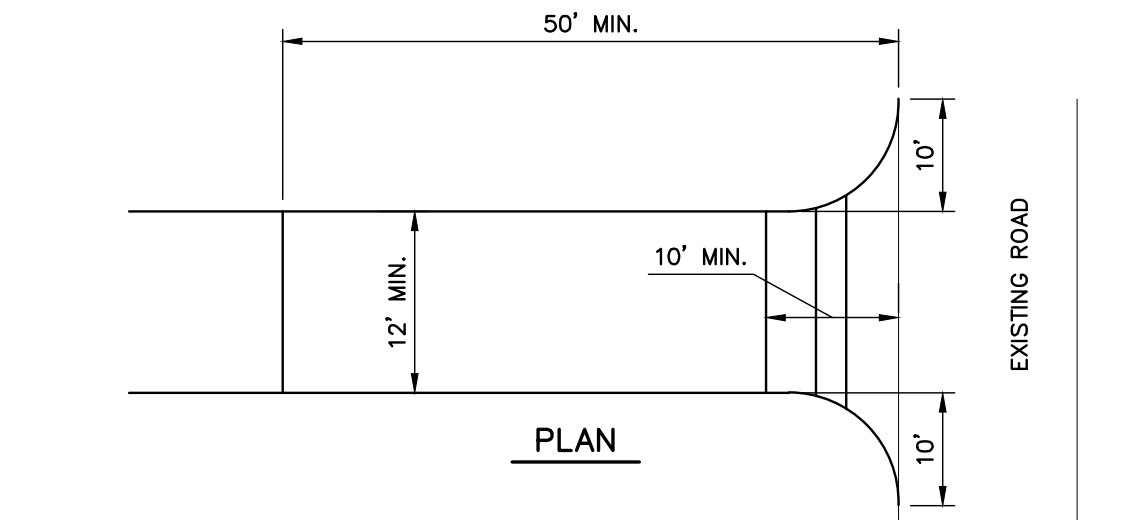
- SPILL PREVENTION CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS ON SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER RUNOFF AND APPROPRIATE SPILL PREVENTION, CONTAINMENT AND RESPONSE PLANNING AND IMPLEMENTATION.
- DURING CONSTRUCTION, 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 RESULT OF SOIL AND TOPOGRAPHY, ACCUMULATES RUNOFF THAT INFILTRATES IN THE SOIL. DICES, 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 SWEEP 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 CONTROL, 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 TO BMPs 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.

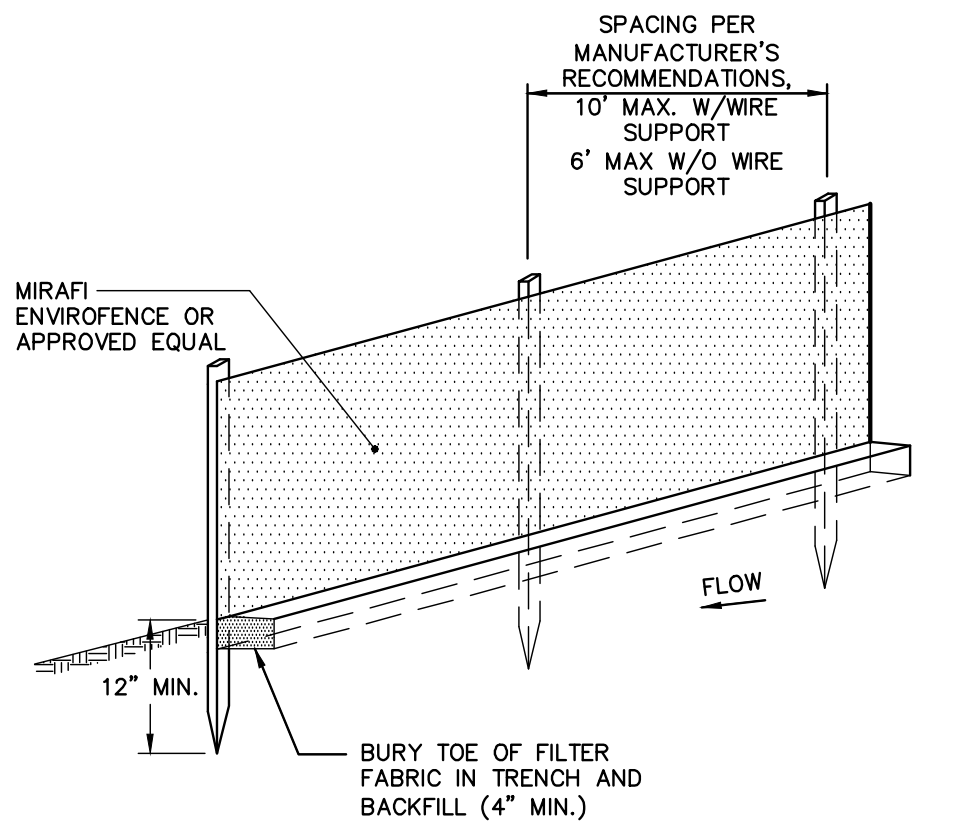


CATCH BASIN INLET SEDIMENT CONTROL
N.T.S.



- NOTES:**
- CONSTRUCTION ENTRANCES MAY BE RELOCATED AS CONSTRUCTION PROGRESSES.
 - WHEEL WASH PITS MAY ALSO BE USED, IF APPROVED.
- 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.

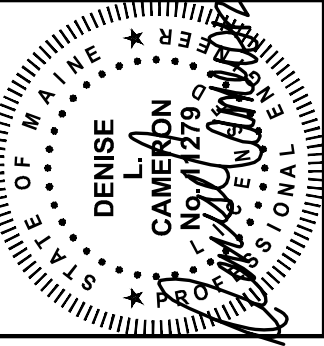


- NOTES:**
- INSTALL FABRIC ON UPHILL SIDE OF SUPPORT POSTS
 - INSTALL SILT FENCE ACROSS SLOPES.
 - SILT FENCE SHALL NOT BE USED IN DRAINAGE WAYS
- MAINTENANCE:** INSPECT FOR TEARS IN THE FABRIC OR DAMAGE TO SUPPORTS. REPAIR AS NECESSARY. REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES A DEPTH OF SIX-INCHES 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.

JCOULOMBIE
J:\portland\Projects\1223650 PDT Arch-Pearl Place Phase 2\Deliverables\2011.08.03 Bid Set\Plans\DWG\223650-C200.dwg, Jul 29, 2011 - 9:43am

Pearl Place II ~ 184 Pearl Street
PORTLAND, MAINE



JOB NO. 10-020
DRWN. CHK JBC DLC
SCALE: N.T.S.
ISSUE 08/03/2011
TITLE CIVIL DETAILS - 4
SHEET C10