

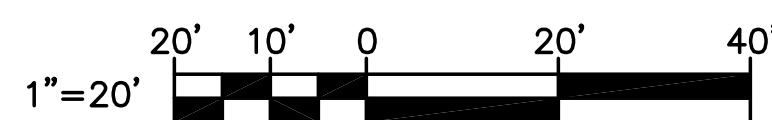
1 SITE PLAN
CS101 SCALE: 1"=20'



KEYNOTES (THIS SHEET ONLY)

- 1 EXISTING ASPHALT CONCRETE PAVEMENT.
- 2 EXISTING PAVEMENT MARKING.
- 3 EXISTING TRASH/RECYCLING CONTAINERS ON CONCRETE PAD.
- 4 EXISTING CONCRETE STEPS.
- 5 - 9 NOT USED.
- 10 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE PAVEMENT, ±4" THICK. PROVIDE ASPHALT CONCRETE PAVEMENT PATCH. SEE DETAIL 2/CS101.
- 11 CORE HOLE IN EXISTING REINFORCED CONCRETE FOUNDATION WALL FOR 4" DIAMETER CAST IRON PIPE (SEE CIVIL NOTE 4, THIS SHEET). SEAL ANNULAR SPACE WITH NON-SHRINK GROUT.
- 12 CUT AND REMOVE PORTION OF EXISTING 4" DIA CAST IRON SANITARY SEWER LINE. CONNECT TO EXISTING WITH 4"x4" CAST IRON WYE. SEE CIVIL NOTE 4, THIS SHEET.
- 13 4" DIA CAST IRON SANITARY SEWER LINE IN PIPE TRENCH. SEE DETAIL 2/CS101.

GRAPHIC SCALE



1"=20' CHECK GRAPHIC SCALE BEFORE USING

CIVIL LEGEND

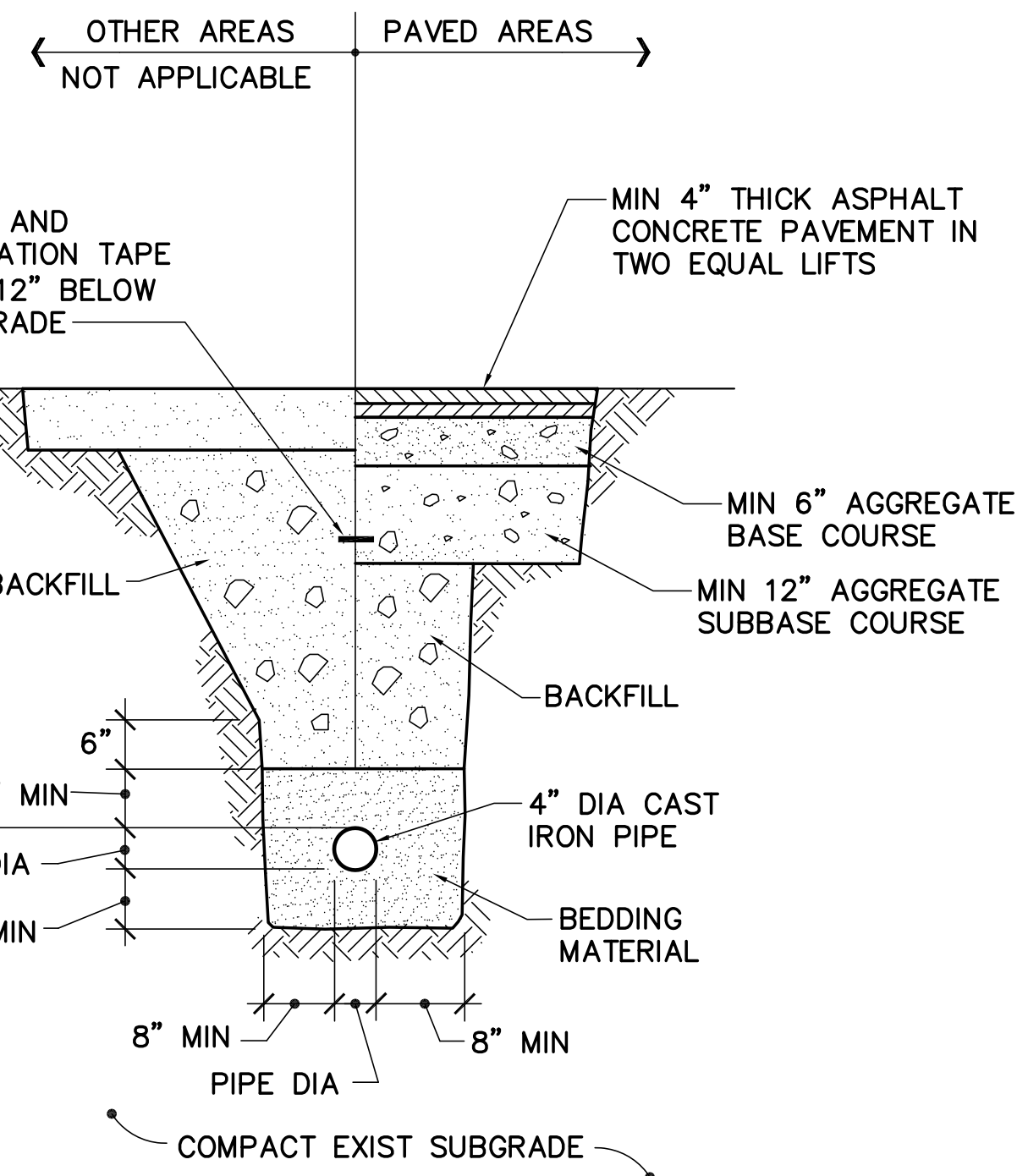
- EXISTING CATCH BASIN
- ⊙ EXISTING SEWER MANHOLE
- ▬ EXISTING BUILDING LINE
- ▬ EXISTING EDGE OF PAVEMENT
- EW(4") — EXISTING WATER LINE
- ESS(6") — EXISTING SANITARY SEWER LINE
- ESD(12") — EXISTING STORM DRAIN LINE
- EUE — EXISTING UNDERGROUND ELECTRIC LINE
- SS(4") — SANITARY SEWER LINE

CIVIL NOTES

1. REFERENCE IS MADE TO THE RECORD DRAWINGS CONSISTING OF 41 SHEETS ENTITLED "UNIVERSITY OF SOUTHERN MAINE, CAMPUS CENTER", DATED APRIL 12, 1984, BY MOORE/WEINRICH & WOODWARD ARCHITECTS, ON FILE AT THE FACILITIES MANAGEMENT BUILDING.
2. EXISTING CONDITIONS ARE BASED ON THE PLANS REFERENCED ABOVE, ON-LINE AERIAL IMAGERY, AND SITE RECONNAISSANCE BY OAK POINT ASSOCIATES ON JUNE 21, 2017.
3. EXISTING UNDERGROUND UTILITIES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS ONLY. DETERMINE THE EXACT LOCATIONS OF ALL UNDERGROUND UTILITIES IN THE VICINITY OF THE WORK PRIOR TO BEGINNING EXCAVATION. CONTACT "DIGSAFE" AT 1-888-344-7233 AND OBTAIN A "DIGSAFE" PERMIT PRIOR TO COMMENCING EXCAVATION OPERATIONS ON THE SITE.
4. VERIFY ELEVATION OF EXISTING 4" SEWER LINE AT POINT OF CONNECTION PRIOR TO CUTTING HOLE IN FOUNDATION WALL. MAINTAIN MINIMUM 1/4"/FT SLOPE IN SEWER LINE FROM FOUNDATION WALL TO POINT OF CONNECTION.
5. FOR EXTERIOR SANITARY SEWER LINE, PROVIDE CAST IRON PIPE AS SPECIFIED FOR INTERIOR SEWER PIPING.

PIPE TRENCH NOTES:

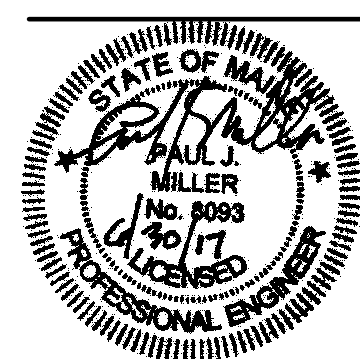
1. INSTALL PIPING IN ACCORDANCE WITH ASTM D 2321 FOR GRAVITY PIPING.
2. PIPE BEDDING SHALL BE CLEAN WELL GRADED SAND (NOT "DEAD" SAND) AND/OR GRAVEL AND COMPACTED TO MINIMUM 90 PERCENT OF ASTM D-1557 DENSITY.
3. EXCAVATION WORK SHALL COMPLY WITH OSHA STANDARDS. TRENCH SIDEWALLS SHALL BE VERTICAL FROM TRENCH BOTTOM TO MIN 12" ABOVE TOP OF PIPE.



2 TYP PIPE TRENCH DETAIL
CS101 NOT TO SCALE

SITE WORK SPECIFICATIONS

1. UNLESS INDICATED OTHERWISE, CONFORM TO THE MATERIAL AND INSTALLATION REQUIREMENTS OF THE MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (MDOT) FOR THE FOLLOWING:
 - a) AGGREGATE BASE: MDOT SECTION 304, WITH MATERIAL CONFORMING TO SUBSECTION 703.06, TYPE "A".
 - b) AGGREGATE SUBBASE: MDOT SECTION 304, WITH MATERIAL CONFORMING TO SUBSECTION 703.06, TYPE "D".
COMPACT AGGREGATE BASE AND SUBBASE TO MINIMUM 95% OF ASTM D 1557 DENSITY.
 - c) ASPHALT CONCRETE PAVEMENT: MDOT SECTION 401. ASPHALT BINDER CONFORMING TO SUBSECTION 702.01, PGAB 64-28. MIXTURE CONFORMING TO SUBSECTION 703.09, TABLE 1, GRADING TYPE 12.5mm.
COMPACT HOT MIX ASPHALT PAVEMENT TO MINIMUM 90% OF THE MAXIMUM THEORETICAL DENSITY ACCORDING TO ASTM D 2041.



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Portland, Maine

SITE PLAN AND DETAILS

SCALE: AS NOTED
DATE: 06-30-17

DWG.: **CS101**

SHEET: 2 OF 12