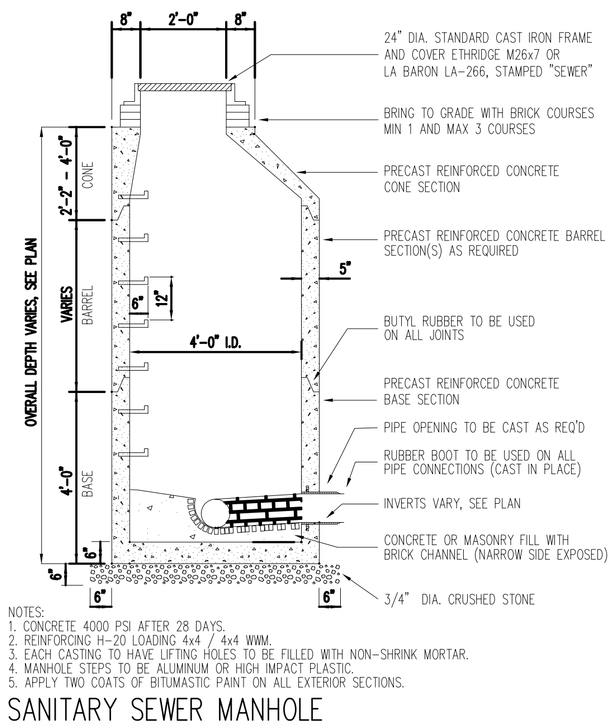
12' HEXAGONAL GAZEBO PROVIDE RAMP ACCESS. BY AMISH COUNTRY GAZEBOS MANHEIM, PA. OR SIMILAR PER WONER

OWNER PROVIDED GAZEBO CONTRACTOR TO INSTALL CONC PIERS PER MANUF RECOMMENDATIONS 6 MIN FOR EACH CORNER

9 GAZEBO ILLUSTRATION

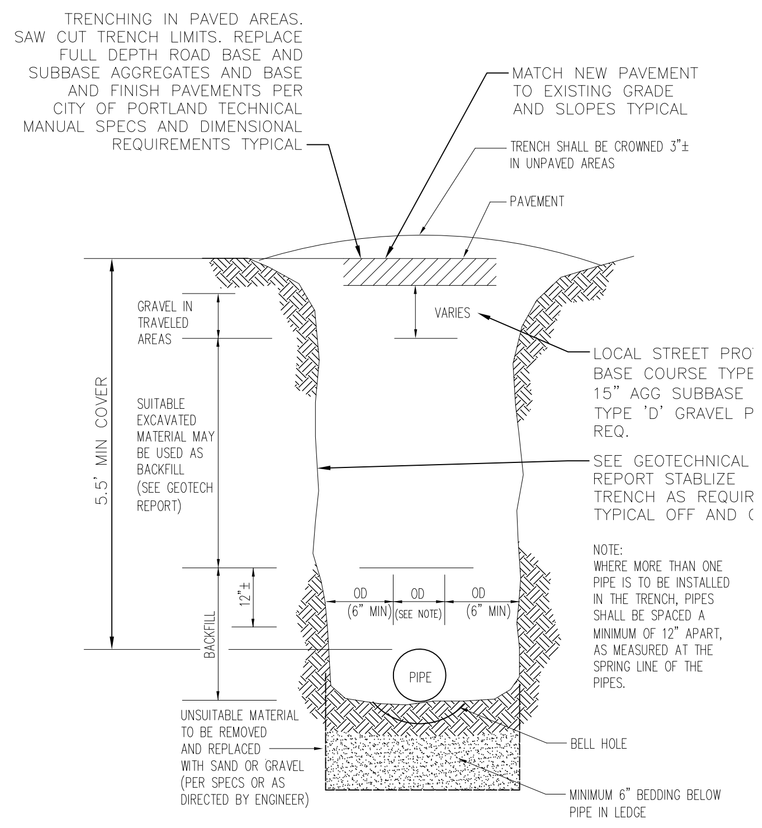
NOT TO SCALE



NOTES:
1. CONCRETE 4000 PSI AFTER 28 DAYS.
2. REINFORCING H-20 LOADING 4x4 / 4x4 WWM.
3. EACH CASTING TO HAVE LIFTING HOLES TO BE FILLED WITH NON-SHRINK MORTAR.
4. MANHOLE STEPS TO BE ALUMINUM OR HIGH IMPACT PLASTIC.
5. APPLY TWO COATS OF BITUMASTIC PAINT ON ALL EXTERIOR SECTIONS.

8 SANITARY SEWER MANHOLE

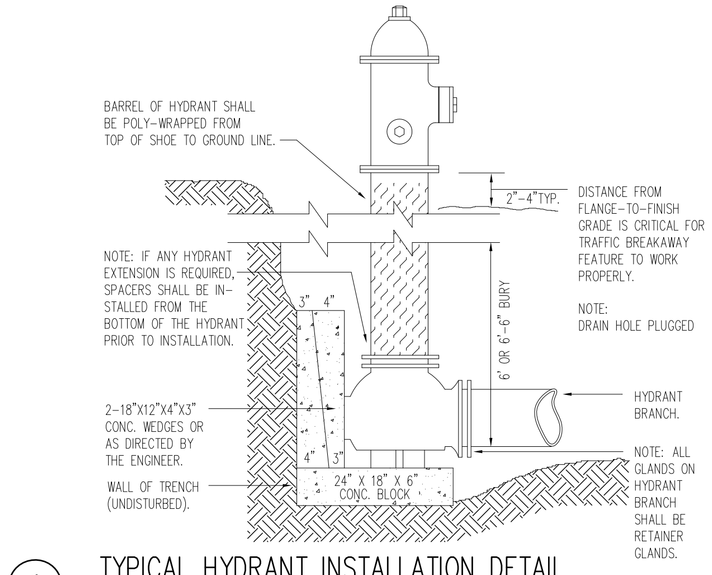
NOT TO SCALE — SOVA1



7 TYPICAL WATER MAIN SECTION THRU EARTH/ PAVEM

NOT TO SCALE — UTIL-W-TRENCH/10-95

NOTE: FIRE HYDRANT REPLACEMENT & NEW FIRE HYDRANT SHALL BE APPROVED BY THE CITY OF PORTLAND FIRE CAPTAIN PRIOR TO INSTALLATION



6 TYPICAL HYDRANT INSTALLATION DETAIL

NOT TO SCALE — W HYDRANT DTL

TORQUE SCHEDULE

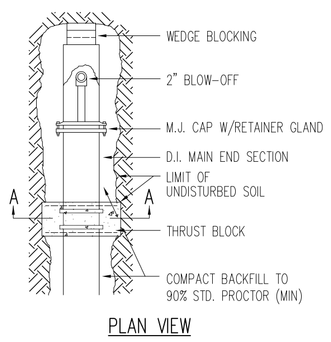
PIPE SIZE IN. – IN.	BOLT SIZE – IN.	RANGE OF TORQUE-FT/LB	LENGTH OF WRENCH-IN. *
2 - 3	5/8	45- 60	8
4 - 24	3/4	75- 90	10
30 - 36	1	85-100	12
42 - 48	1-1/4	105-120	14

* THE TORQUE SCHEDULE LOADS MAY BE APPLIED WITH TORQUE MEASURING OR TORQUE INDICATING WRENCHES WHICH MAY ALSO BE USED TO CHECK THE APPLICATION OF APPROXIMATE TORQUE LOADS APPLIED BY A PERSON TRAINED TO GIVE AN AVERAGE PULL ON A DEFINITE LENGTH OF A REGULAR SOCKET WRENCH.

THRUST/RETAINER GLAND SCHEDULE

1/4 BEND (90°)	USE POURED-IN-PLACE THRUST BLOCK WITH RETAINERS.
1/8 BEND (45°)	THRUST BLOCK WITH RETAINERS.
1/16 BEND (22.5°)	THRUST BLOCK.
1/32 BEND (11.25°)	THRUST BLOCK.

THE ABOVE SCHEDULE IS SUBJECT TO THE APPROVAL OF THE ON-SITE INSPECTOR DUE TO SOILS AND WORKING PRESSURES IN THE AREA.

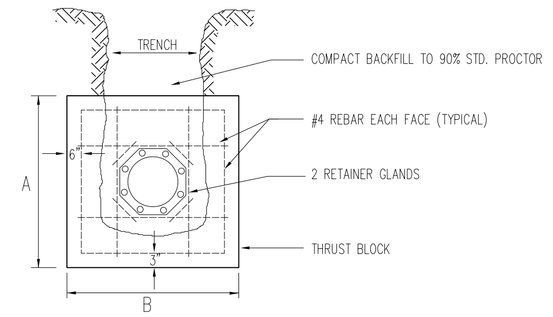


PLAN VIEW

PIPE DIA.	A	B		
6"				
8"				
12"				
16"				
20"				

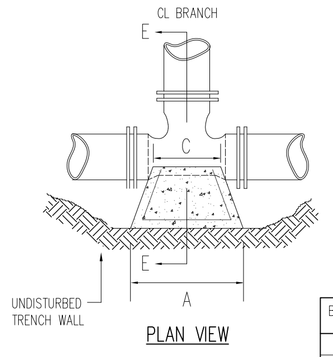
BEARING STRENGTH-Sb= (VERIFY IN FIELD)
(UNDISTURBED TRENCH WALL)

CONCRETE STRENGTH = 2000psi



SECTION VIEW A-A

WHERE FUTURE EXTENSION IS POSSIBLE

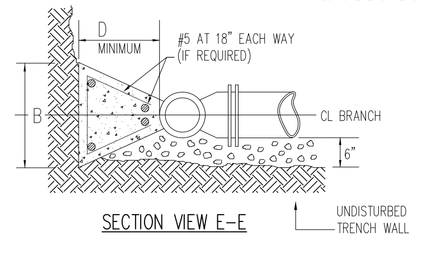


PLAN VIEW

BRANCH DIA	A	B	C	D	REBAR
6"					
8"					
12"					
16"					
20"					

BEARING STRENGTH-Sb= (VERIFY IN FIELD)
(UNDISTURBED TRENCH WALL)

CONCRETE STRENGTH = 2000psi



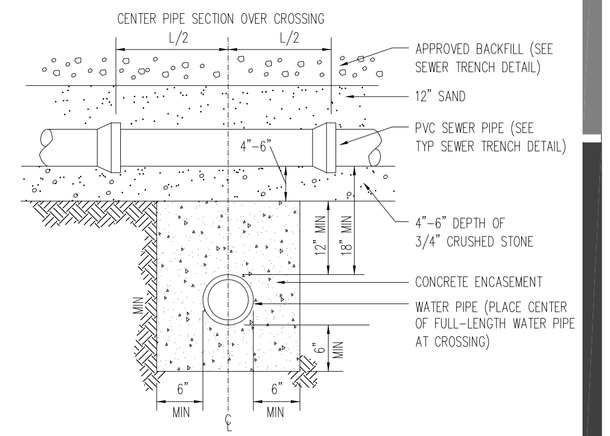
SECTION VIEW E-E

5 DEAD END THRUST BLOCK DETAILS

NOT TO SCALE — UTIL-W-THRUSTBLOCK-4/12-93

4 TEE THRUST BLOCK DETAILS

NOT TO SCALE — UTIL-W-THRUSTBLOCK-2/12

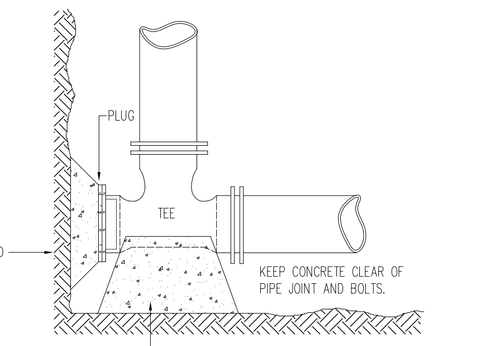


NOTES:
1. FOR SEWER-OVER-WATER MAIN CROSSINGS, ENCASE WATER PIPE IN CONCRETE ALL AROUND AS SHOWN, AND EXTEND FOR A MINIMUM DISTANCE OF 4 FEET ON EITHER SIDE OF CROSSING.

2. FOR A WATER MAIN-OVER-SEWER CROSSINGS, PROVIDE A MINIMUM OF 18 INCHES OF VERTICAL SEPERATION; COMPANT SAND OVER SEWER TO 92%; NO CONCRETE REQUIRED.

3 CONCRETE ENCASEMENT FOR SEWER/WATER MAIN CROSSING

NOT TO SCALE — UTIL-W-SEWER-XING/01-03

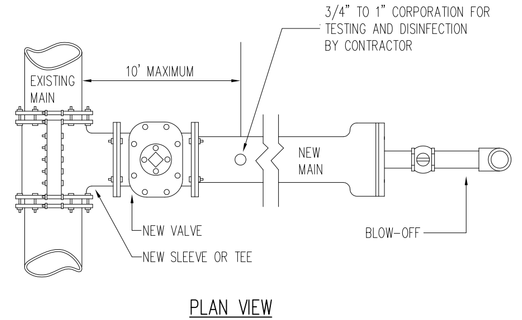


PLAN VIEW

NOTE: IF DEAD END WITH TEE, A THRUST BLOCK WOULD BE REQUIRED OR AS DIRECTED BY THE ENGINEER.

2 STANDARD TEE BLOCKING

NOT TO SCALE — UTIL-W-THRUSTBLOCK-5/12-93



PLAN VIEW

PROCEDURES:

1. NEW VALVE TO REMAIN SHUT AND ONLY OPERATED BY DISTRICT FOR FLUSHING, TESTING, DISINFECTING, ETC.
2. THE TESTING CORPORATION LOCATION MUST BE ACCESSIBLE BY:

   A. LEAVING THE EXCAVATION OPEN DURING TESTING – DISINFECTION PERIOD, OR BY:
   B. INSTALLING A "JUMPER LINE" TO THE GROUND SURFACE WITH THE CORPORATION BEING AN ANGLE VALVE IN A VALVE BOX, OR BY USING A SERVICE BOX AND ROD. AFTER COMPLETION OF THE HYDROSTATIC TEST AND THE DISINFECTING PROCEDURE:
      (1) THE ANGLE VALVE IS SHUT,
      (2) THE "JUMPER LINE" IS CUT OFF BELOW THE GROUND, AND
      (3) THE BOX IS PULLED.

1 NEW WATER MAIN CONNECTION TO EXISTING MAIN

NOT TO SCALE — UTIL-W-CONNECTION-TEE/12-93

Stantec

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Legend

Notes

Revision	By	Appd.	YY.MM.DD
BID SET	TNE/PLC		12.10.29
90% SUBMITTAL	TNE/PLC		12.10.17
DESIGN DEVELOPMENT	TNE/PLC		12.09.04
SITE PLAN APP -AMENDED	TNE/PLC		12.07.17
FINAL SITE PLAN APP	TNE/PLC		12.06.22

Issued	By	Appd.	YY.MM.DD
File Name: 210800876_details_090412.dwg	DWG		
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

REGISTERED LANDSCAPE ARCHITECT THOMAS N. EMERY No. LA STATE OF MAINE

STATE OF MAINE PATRICK L. CLARK #5749 REGISTERED PROFESSIONAL ENGINEER

NOT VALID UNLESS SIGNED

Client/Project

FIRST ATLANTIC HEALTHCARE
SOUTH PORTLAND, ME 04106

SEASIDE REHABILITATION CENTER ADDITION & RENOVATIONS

850 BAXTER BLVD PORTLAND, MAINE

Title

DETAILS

Project No.	Scale	
210800876	AS NOTED	
Drawing No.	Sheet	Revision
C-9	- of	0

ORIGINAL SHEET – ARCH D