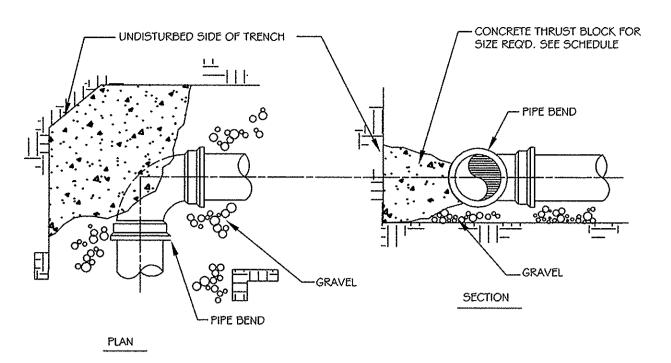


- CONCRETE THRUST BLOCK

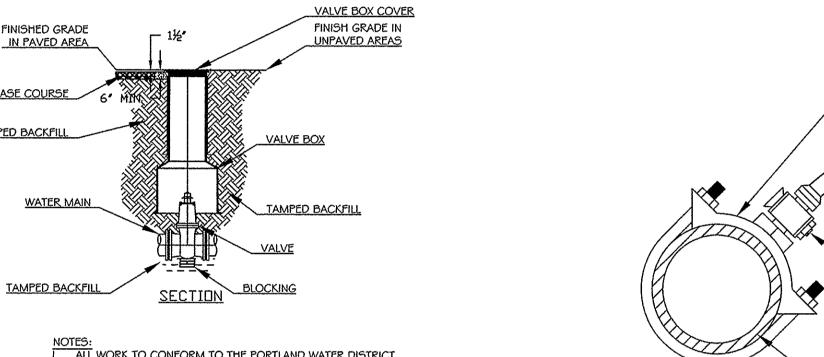
SEE DETAIL THIS DWG.



THRUST	BLOCK	PLACEMENT	AT BEND(S)

			SIZE REQUIREMENTS FO		
			BEARING ON UNDISTUR	BED SOIL (SQUARE FT.)	
FITT	INGS	90° BENDS	45° BENDS	TEES \$ PLUGS	HYDRANTS
PIPE SIZE	4"	2.0	1.0	1.0	N/A
	6"	3.0	2.0	2.0	6.0
	8*	5.0	3.0	4.0	N/A

THRUST BLOCK SCHEDULE



NOTES:

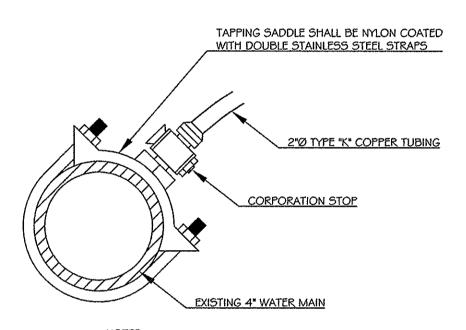
1. ALL WORK TO CONFORM TO THE PORTLAND WATER DISTRICT STANDARDS AND REQUIREMENTS.

2. D.I.P. MAY BE USED FOR VALVE BOX EXTENSIONS.

3. VALVE BOX SHOULD NOT CONTACT WATER MAIN OR VALVE.

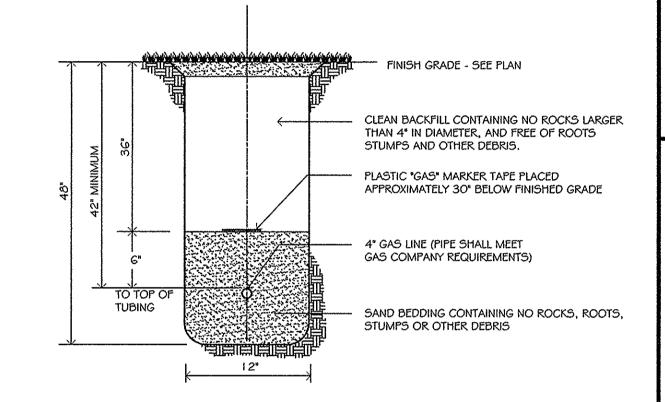
4. CONCRETE PROTECTOR RING SHALL BE USED IN ALL UNPAVED AREAS.





STANDARD CORPORATION STOP DETAIL

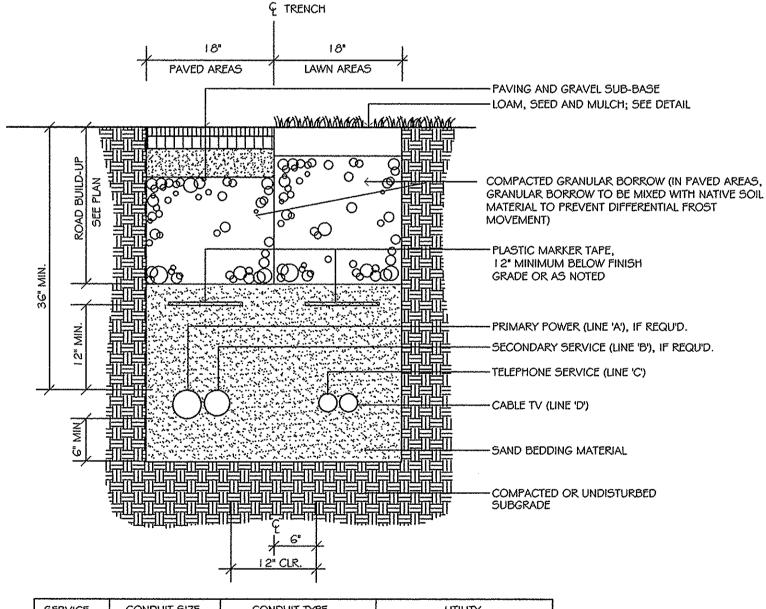
ALL WORK TO CONFORM TO THE PORTLAND WATER



NOTE:

I. INSTALLATION OF NATURAL GAS SERVICE LINE
SHALL CONFORM TO ALL GAS COMPANY
REQUIREMENTS.





LENGTH AS REQ'D.

8"x8"x6" D.I. ----

ANCHOR TEE

- ALL MECHANICAL JOINTS ON HYDRANT

INSTALLATION (INCLUDING CONNECTION

TO WATER MAIN) SHALL HAVE RETAINER

UNDISTURBED SIDE -

PROVIDE 12"x12"x4" THK.

NOT TO SCALE

HYDRANT DETAIL

CONCRETE BASE

OF TRENCH (TYP.)

SERVICE	CONDUIT SIZE	CONDUIT TYPE	UTILITY
'A'	5"	SCHEDULE 40 P.V.C. ELECTRICAL GRADE	PRIMARY POWER
'B'	4"	SCHEDULE 40 P.V.C. ELECTRICAL GRADE	SECONDARY POWER
'C'	3"	SCHEDULE 40 P.V.C. ELECTRICAL GRADE	TELEPHONE
'D'	3°	SCHEDULE 40 P.V.C. ELECTRICAL GRADE	CATV

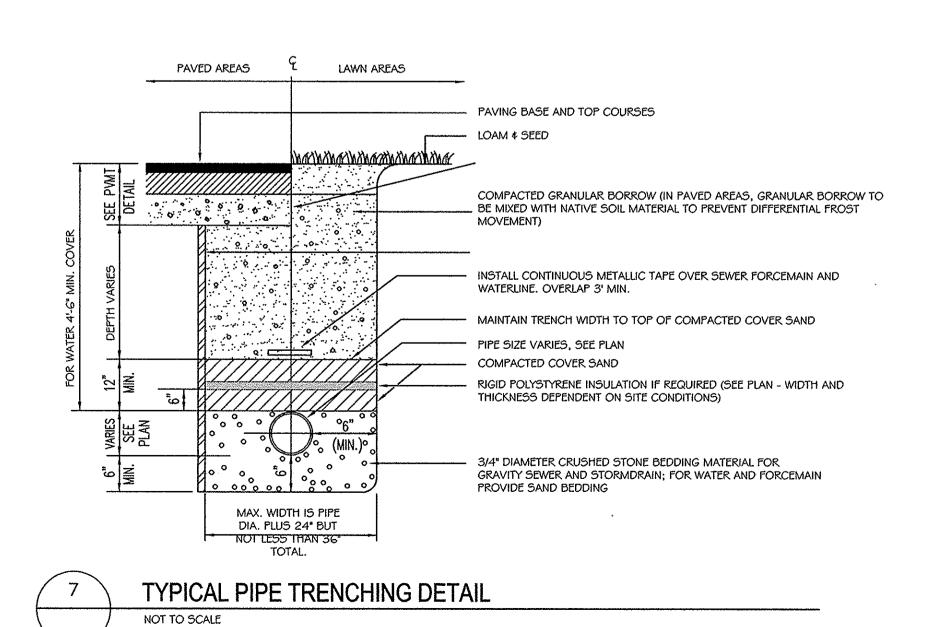
NOTES:

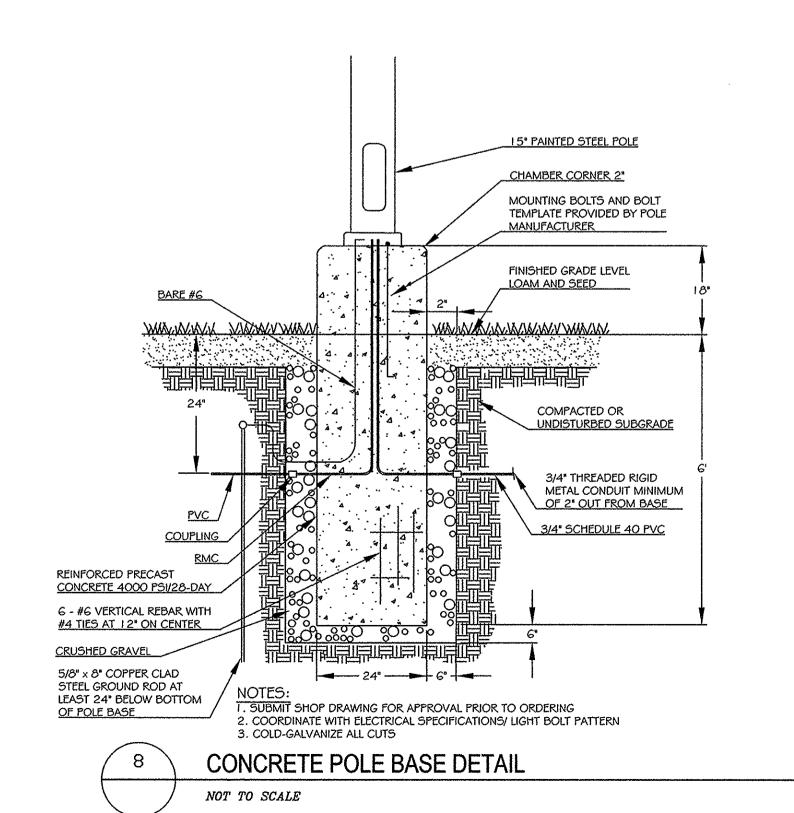
1. ALL WORK SHALL COMPLY WITH THE RESPECTIVE UTILITY COMPANY STANDARDS.

2. SEE UTILITIES PLANS FOR CONDUIT LOCATIONS.

3. CONTRACTOR TO PROVIDE 1/4" POLYPROPYLENE PULL ROPES IN ALL CONDUITS.

UNDERGROUND UTILITY TRENCH SECTION (MULITPLE CONDUITS)
NOT TO SCALE





HOTEL REDEVELOPMENT

HOTEL REDEVELOPMENT

1210 BRIGHTON AVENUE

PORTILAND, MAINE

Subject to Conditions

DATE of APPROVAL 4/4/15, amended 6/8/17

PLANNER Nell Donaldson

PROJECT NO. 2014-220, amended 2017-077