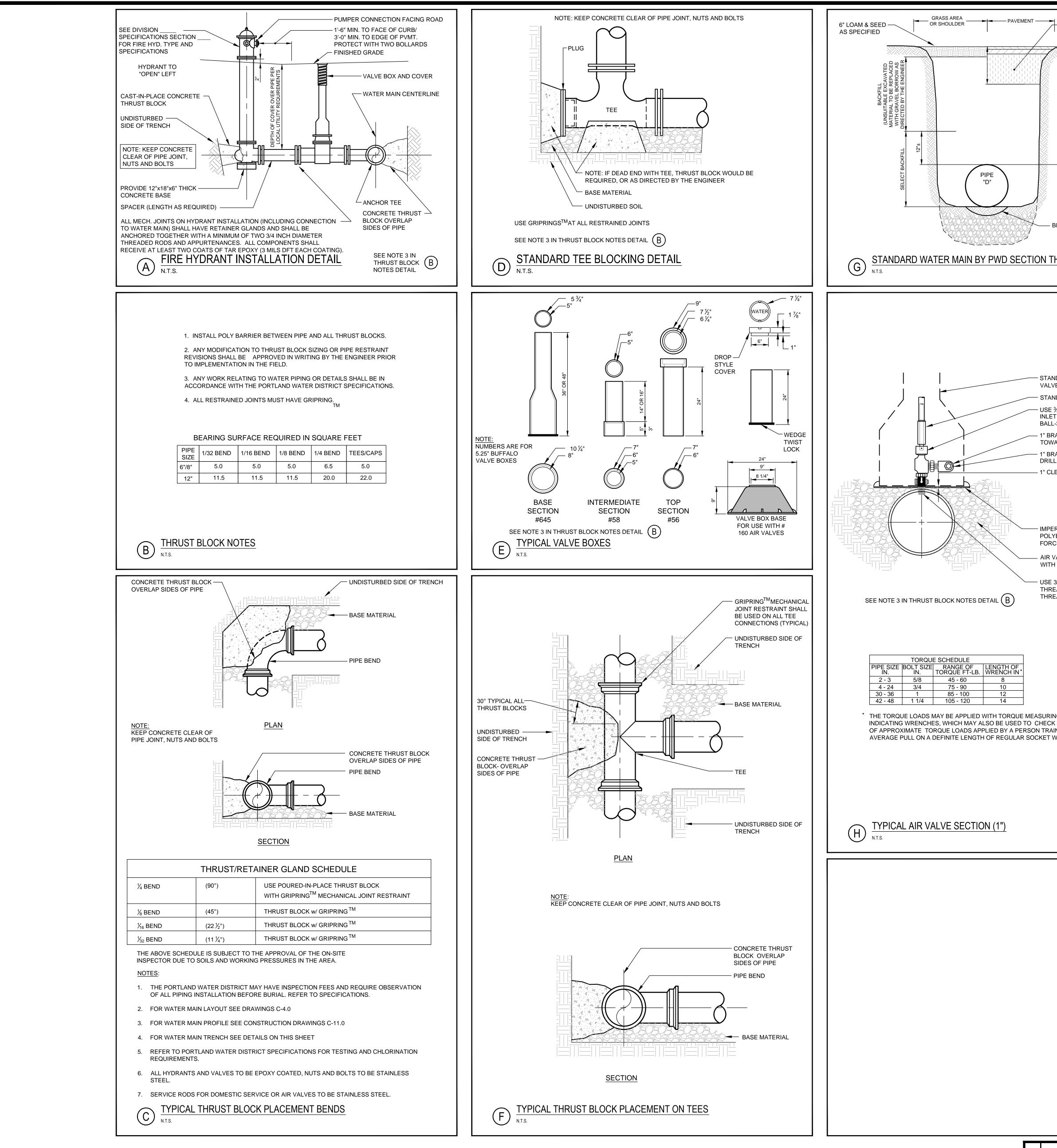
PRELIMINARY - NOT FOR CONSTRUCTION

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	[*] BASE GRAVEL ——— * SUBBASE GRAVEL ———				- COMPACTED BAC	
<u>ک</u>	PLASTIC WARNING TAPE			R MAIN	USING EXCAVATE MATERIAL OR SEL BACKFILL AS REQ	
e J J	HDPE GAS LINE TO BE	,		MIN. 36" FOF		
	BY OTHERS SAND BEDDING AND BACI			0		
	TRACER WIRE		· · · · · · · · · · · · · · · · · · ·	4" MIN.		
PIPE "D"	* SEE TYPICAL ROADWAY CROSS SECTION ON		2" MIN. 12" MIN.	4		
	SHEET 15 FOR THICKNES	S				
BELL HOLE	THE CONTRACTOR IS RES TRENCH. IN ADDITION, TH	IE CONTRACTOR	IS RESPONSIBLE FOR TH	IE COORDINATIO	N WITH GAS	
	SUPPLIER FOR THE INSTA REVIEW AND CONSTRUCT COSTS BY THE UTILITY CO	ION COSTS FOR	GAS LINE INSTALLATION;	UPON FINAL DET	FERMINATION OF	
BY PWD SECTION THRU EARTH TRENCH	$(I) \frac{\text{UNDERGR}}{\text{NT.S.}}$	OUND GAS L	INE TRENCH DET	AIL		
	N.1.5.					
STANDARD SERVICE BOX TYPICAL VALVE BOX BASE# 160 STANDARD SERVICE ROD USE ¾," ANGLE BALL VALVE W/1" I.P.T. INLET AND 1" I.P.T. OUTLET FORD, CAT # BALL-344 OR EQUAL 1" BRASS STREET ELBOW LOOKING TOWARD SIDE OF BOX 1" BRASS PIPE PLUG WITH ½" DIA. HOLE DRILLED 1" CLEAR I" CLEAR IMPERVIOUS LAYER OR POLYETHYLENE SHEET MATERIAL - TO FORCE WATER UP THROUGH BOX AIR VALVE BOX IS TO BE BACKFILLED WITH SAND OR GRAVEL USE 3/4" BRONZE CORP., C.C.INLET THREAD AND 1" IRON PIPE OUTLET THREAD	NINNUM COVER SERVICE BIEL SERVICE BIEL		VER (#32" MIN.) VER (#32" MIN.) D" MIN. OPENING D" MIN. OPENING D" MIN. OPENING 24" RIGID COPPER BETWEEN VALVES 4'-0"	- METER TO BE CENTEI BEANEATH OPENING		
Image: Length of WRENCH IN* 8 10 12 14 0 WITH TORQUE MEASURING OR TORQUE ALSO BE USED TO CHECK THE APPLICATION PPLIED BY A PERSON TRAINED TO GIVE AN TH OF REGULAR SOCKET WRENCH.	SHALL BE L THE PROPER 2. THE METER TO PROVIDE TOP OF THE BE SEALED	PIT SHALL BE S OCATED ON PRIV RTY LINE. PIT SHALL BE M 5'-6" MINIMUM SERVICE PIPE. WITH MASTIC JOII	A R PIT AND COVER NOTES UPPLIED AND INSTALLED ATE PROPERTY BETWEEN ADE OF PRECAST CONCE GROUND COVER FROM I ANY SEAMS BETWEEN O NT. ALL OPENINGS IN T	BY THE CUSTOM 10'-0" AND 20 RETE OF SUFFICIE FINISHED GRADE CONCRETE SECTIO THE CONCRETE F	D'0" FROM ENT SIZE TO THE DNS SHALL TOR	
<u>ON (1")</u>	SIMILAR). 3. THE INTERIO AND THE ME A CAST IRON MINIMUM IN HAVE NO LA INHIBITOR PA 4. WALL-MOUN 5. ALL PIPING OF COPPER,	R OF THE METER TER PIT OPENING N FRAME. THE I DIAMETER, AND I BEL. ANY STEEL NINT. TED LADDER RUN INSIDE AND EXTE WITH A MINIMUN	EALED WITH A MODULAR R PIT SHALL BE A MINIM G SHALL BE A MINIMUM METER PIT COVER SHALL BE EITHER PERMANENTLY PLATE MATERIAL SHALL IGS SHOULD <u>NOT</u> BE INS ENDING THROUGH THE MI A OF 6" CLEARANCE FRO ED AS REQUIRED TO SU	IUM OF 4'-0" IN OF 30" IN DIAM BE CAST IRON, LABELED "WATE BE COATED WITH STALLED WITHIN N ETER PIT SHALL DM THE METER F	N DIAMETER, IETER WITH 32" ER" OR H A RUST METER PIT. BE MADE PIT FLOOR.	
	6. CUSTOMER S		HE METER PIT AND COVE			
			METER NOTES			
	WATER METE	7. ONLY PORTLAND WATER DISTRICT PERSONNEL ARE AUTHORIZED TO INSTALL WATER METERS. PORTLAND WATER DISTRICT PERSONNEL WILL BE ADDITIONALLY AUTHORIZED TO OPERATE METER VALVES AS NEEDED FOR INSTALLATION AND				
	MAINTENANCE 8. PORTLAND W	ATER DISTRICT W	ILL SUPPLY THE WATER	METER AND NEC	CESSARY	
	FITTINGS FOR INSTALLATION. IF REQUIRED, A FLANGED METER SPOOL WILL BE AVAILABLE FOR CUSTOMER PICKUP AT DOUGLASS STREET CUSTOMER SERVICE AND MUST BE INSTALLED BY CUSTOMER <u>PRIOR</u> TO METER SET. ALL OTHER MATERIALS, INCLUDING VALVES, SHALL BE SUPPLIED AND INSTALLED BY THE					
	CUSTOMER. 9. CUSTOMER V	VILL INSTALL TWO) (2) BALL VALVES 24"	APART FOR METE	ER	
	INSTALLATION METER PIT C	INSTALLATION, ALLOWING FOR THE WATER METER TO BE CENTERED UNDER THE METER PIT OPENING. BALL VALVES SHALL BE SOLDERED IN PLACE.				
	INSTALL RIGI	 10. FOR A SERVICE PIPE WITH A DIAMETER OF 1" OR LESS, CUSTOMER WILL INSTALL RIGID COPPER PIPE (24" MINIMUM) BETWEEN THE BALL VALVES. 11. FOR PIPING WITH A DIAMETER OF 1-1/2" OR LARGER, THE CUSTOMER WILL 				
	OBTAIN A FL THE CUSTOM	ANGED METER SI	POOL PIECE FROM THE I BLE FOR ENSURING THA	PORTLAND WATER	DISTRICT.	
	12. THE METER	PIT MAY HOUSE	INSTALLATION. UP TO TWO 5/8", 3/4" IETERS IN A METER PIT	OR 1" METERS.	RIOR	
			AND WATER DISTRICT.	NEUCIVE P		
	$\bigcup \frac{\text{WATER ME}}{\text{N.T.S.}}$	TER PIT D	ETAIL			
		P		EEDONIT	<u> </u>	
			THE FOR AT THOMPS			
		1994	HEET TITLE			
1 12.12.14 FINAL SUBDIVISION APPLICATIO		VAL ENGININ			DRAWN: DESIGNE CHECKEI	
REV DATE DESCRIPTION REVISIONS	P.E. BO'E. 'RI LIC. #11994		FOREFRONT PA	ARTNERS ,	FILE NAM	

PAVED AREAS - LOAMED AREAS

<u>→</u>•∕

MULCH

BITUMINOUS CONCRETE

BITUMINOUS CONCRETE

SURFACE PAVEMENT

BINDER PAVEMENT

ROADWAY BASE, SUBBASE

AND PAVING AS SPECIFIED

