

NOTES:

GRADING AND DRAINAGE NOTES:

1. UNLESS OTHERWISE NOTED, ALL SANITARY SEWER, STORM SEWERS, CATCH BASIN DRAINS, OR UNDERDRAINS WITHIN THE CITY OF PORTLAND RIGHT OF WAY SHALL BE IN ACCORDANCE WITH THE CITY OF PORTLAND TECHNICAL MANUAL SECTION 2.5.2.

2. TOPSOIL STRIPPED FROM THE SITE THAT IS SUITABLE FOR REUSE AS LOAM SHALL BE STOCKPILED WITHIN THE PROPOSED LIMIT OF WORK AREA.

3. THE CONTRACTOR SHALL ANTICIPATE THAT GROUNDWATER WILL BE ENCOUNTERED DURING CONSTRUCTION AND SHALL INCLUDE SUFFICIENT COSTS WITHIN THEIR BID TO PROVIDE DEWATERING AS NECESSARY; NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR DEWATERING.

4. SPOT GRADES SHOWN ARE THE ELEVATIONS AT THE BOTTOM OF THE CURB. THE TOP OF THE CURB SHALL BE 0.50' OR 6" HIGHER UNLESS OTHERWISE NOTED.

EROSION CONTROL NOTES:

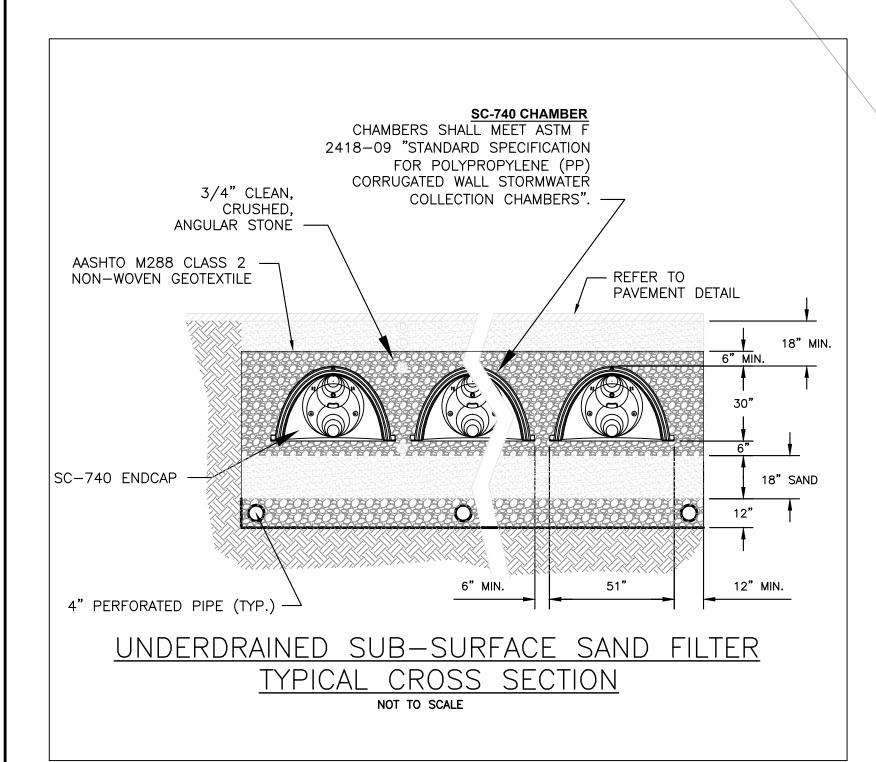
1. ALL LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN SUCH A WAY TO LIMIT THE AMOUNT OF DISTURBED AREA AT ONE TIME TO THE EXTENT PRACTICABLE.

2. PRIOR TO THE START OF ANY CLEARING/LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL APPLICABLE EROSION CONTROL DEVICES SUCH AS PERIMETER SILT FENCE, AND OTHER APPLICABLE MEASURES. IN THE EVENT THE CONTRACTOR IS NOT SURE A EROSION CONTROL MEASURE SHOULD BE IMPLEMENTED, THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD TO CONFIRM IMPLEMENTATION OF ANY EROSION CONTROL DEVICES.

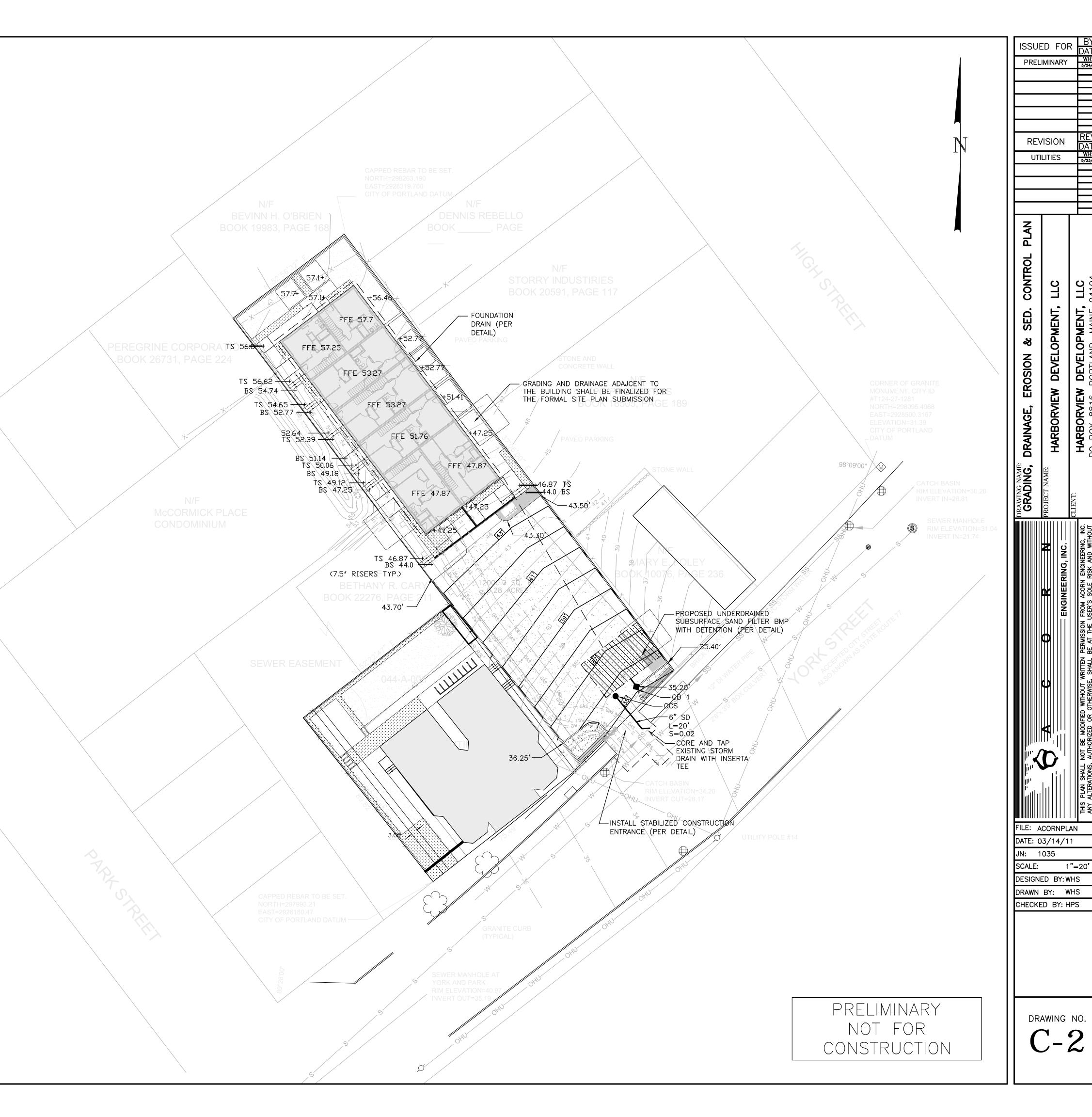
3. ALL GROUND AREAS GRADED FOR CONSTRUCTION SHALL BE GRADED, LOAMED, SEEDED AND MULCH SHALL BE APPLIED AS SOON AS POSSIBLE WITHIN 7 DAYS FOLLOWING THE COMPLETION OF ANY SOIL DISTURBANCE, AND PRIOR TO ANY STORM EVENT.

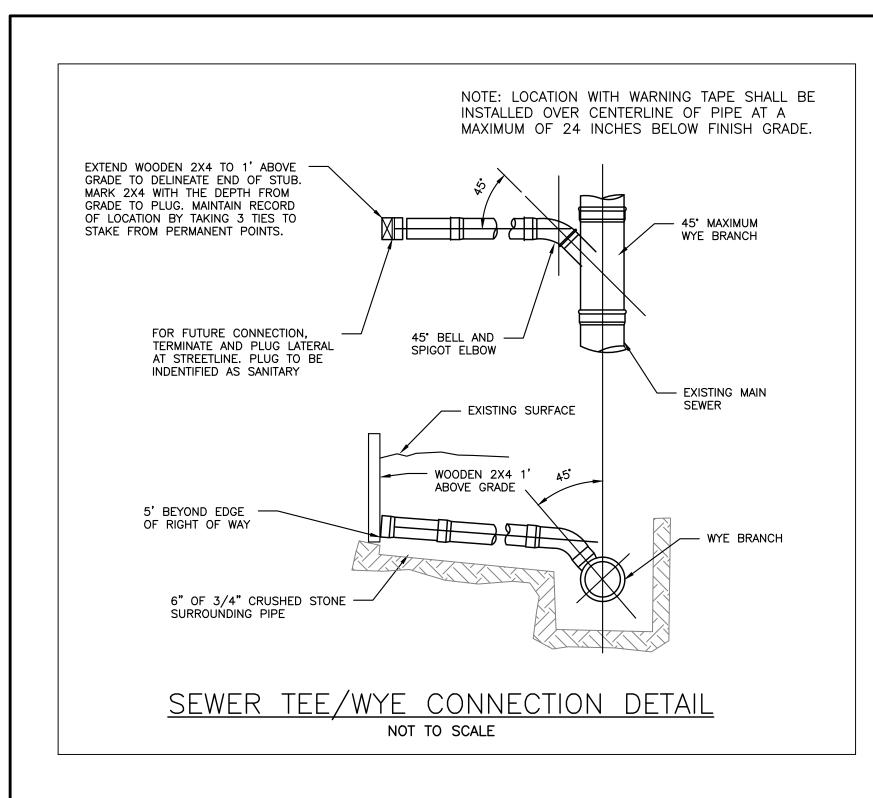
4. EROSION AND SEDIMENTATION CONTROL MEASURES SHALL SHALL BE INSTALLED TO THE SATISFACTION OF THE CITY. THE CONTRACTOR SHALL REFERENCE THE APPROVED EROSION AND SEDIMENTATION CONTROL REPORT FOR TEMPORARY AND PERMANENT EROSION AND SEDIMENTATION CONTROL DEVICES IN ADDITION TO THE PLAN SET. THE CONTRACTOR SHALL ALSO REFER TO THE MAINE D.E.P.'S PERMIT CONDITIONS, FINDINGS OF FACT AND ORDER (IF ANY), AND THE CURRENT MAINE EROSION AND SEDIMENT CONTROL BMP MANUAL FOR ADDITIONAL INFORMATION.

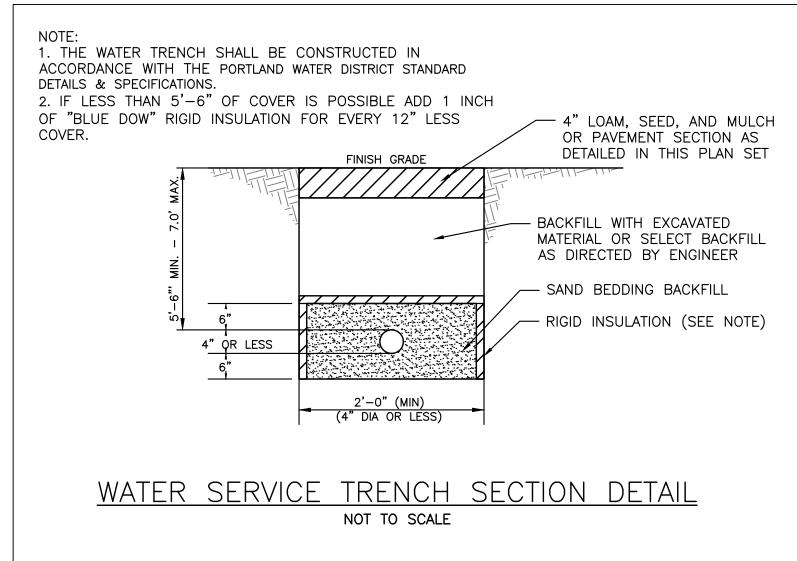
5. ALL DISTURBED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL PRIOR TO PERMANENT SEEDING.

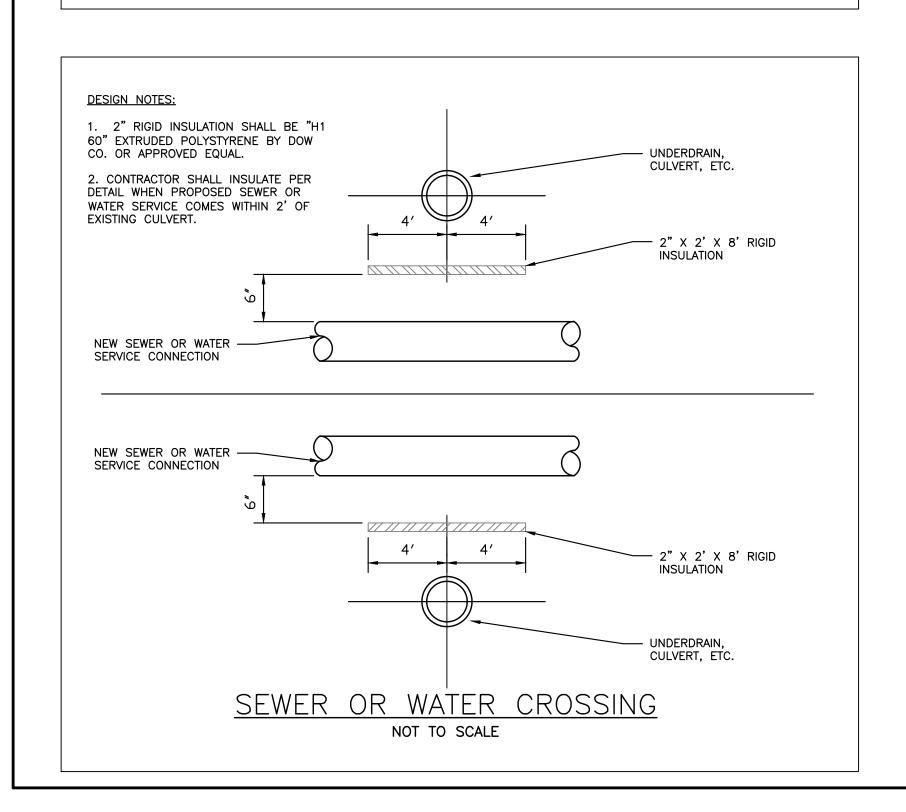


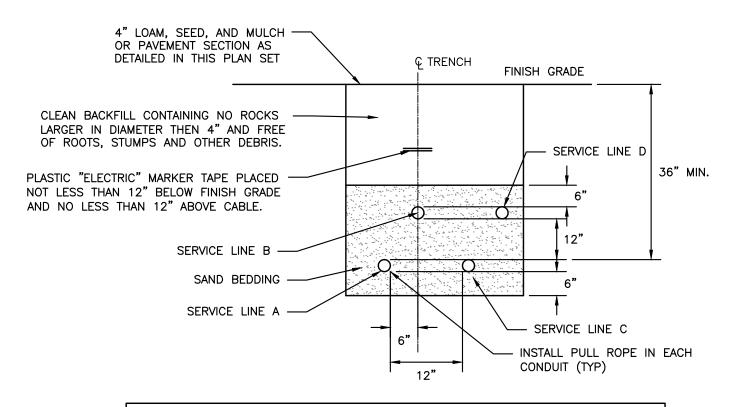












CONDUIT TYPE				
<u>SERVICE</u>	CONDUIT SIZE	<u>GRASS AND</u> <u>PAVED AREAS</u>	UTILITY	<u>REMARKS</u>
А	2-5"	SCHEDULE 40 PVC ELECTRICAL GRADE	PRIMARY POWER	SEE NOTE 1
В	2-4"	SCHEDULE 40 PVC	COMMUNICATION	_
С	2-4"	SCHEDULE 40 PVC ELECTRICAL GRADE	SPARE	IF REQUIRED
D	2-4"	SCHEDULE 40 PVC	CABLE	_

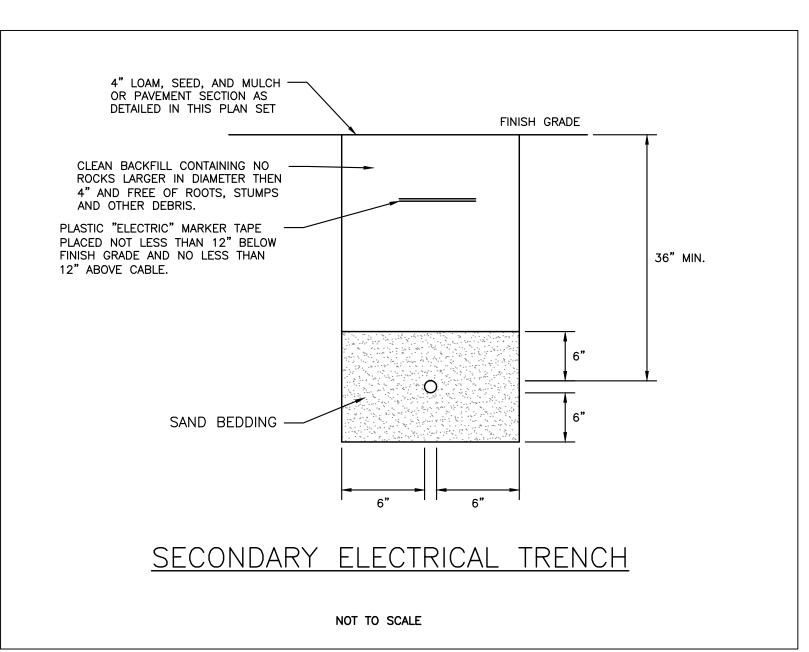
NOTE:

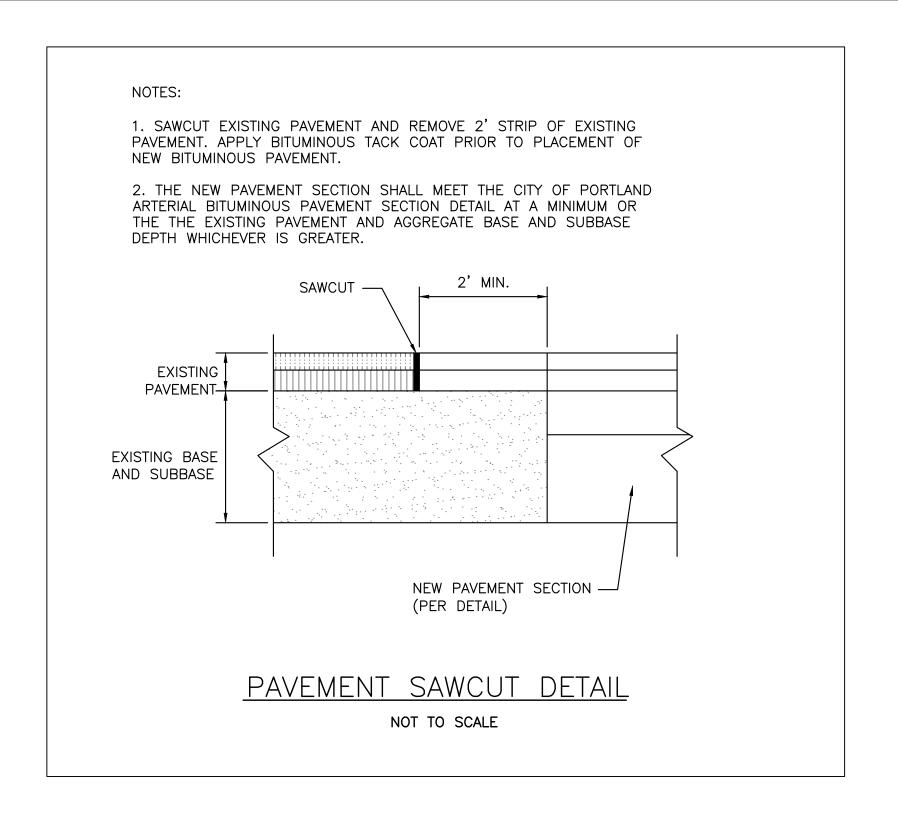
1. ONE CONDUIT CAPPED FOR SPARE, PROVIDE GALVANIZED STEEL LONG SWEEP AT RISER POLE AND EXTEND GALVANIZED CONDUIT TO 10" ABOVE GRADE AT POLE WITH STAND-OFF BRACKETS.

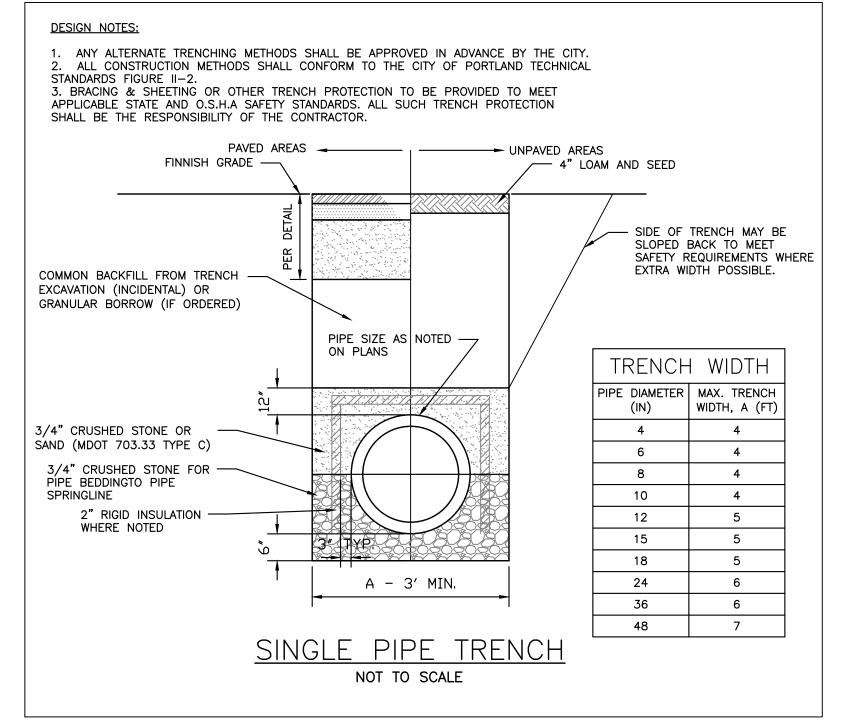
2. MINIMUM SEPARATION OF 24 INCHES BETWEEN PRIMARY CABLE/CONDUIT AND GAS LINES SHALL BE MAINTAINED.

UTILITY TRENCH — PRIMARY AND SECONDARY POWER, TELEPHONE, AND CABLE

NOT TO SCALE







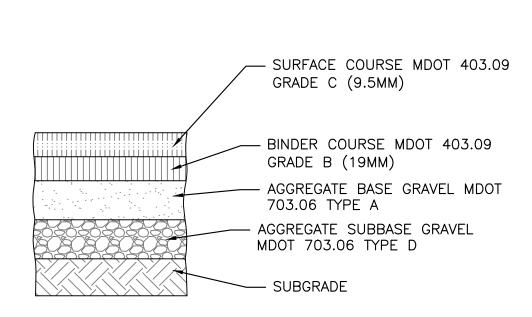
PRELIMINARY
NOT FOR
CONSTRUCTION

DEVELOPMENT, SHEET DETAIL HARBORVIEW FILE: ACORNPLAN DATE: 12/6/10 JN: 1035 SCALE: N/A DESIGNED BY: WHS DRAWN BY: WHS CHECKED BY: HPS DRAWING NO.

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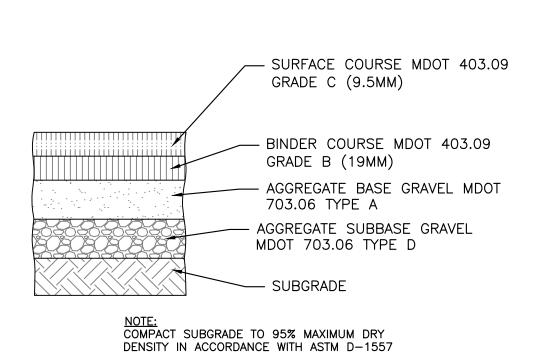
NOTE:
COMPACT SUBGRADE TO 95% MAXIMUM DRY
DENSITY IN ACCORDANCE WITH ASTM D-1557

THICKNESS OF LAYERS

STANDARD	LAYERS
2"	SURFACE COURSE MDOT 403.09 GRADE C (12.5mm
3"	BINDER COURSE MDOT 403.09 GRADE B (19mm)
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE B
18"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

CITY OF PORTLAND ARTERIAL BITUMINOUS PAVEMENT PROFILE

NOT TO SCALE

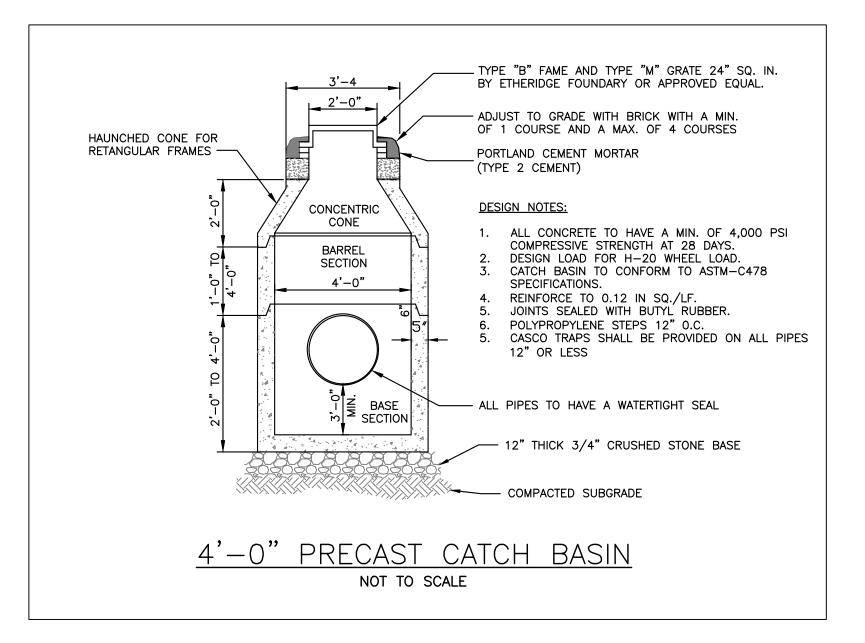


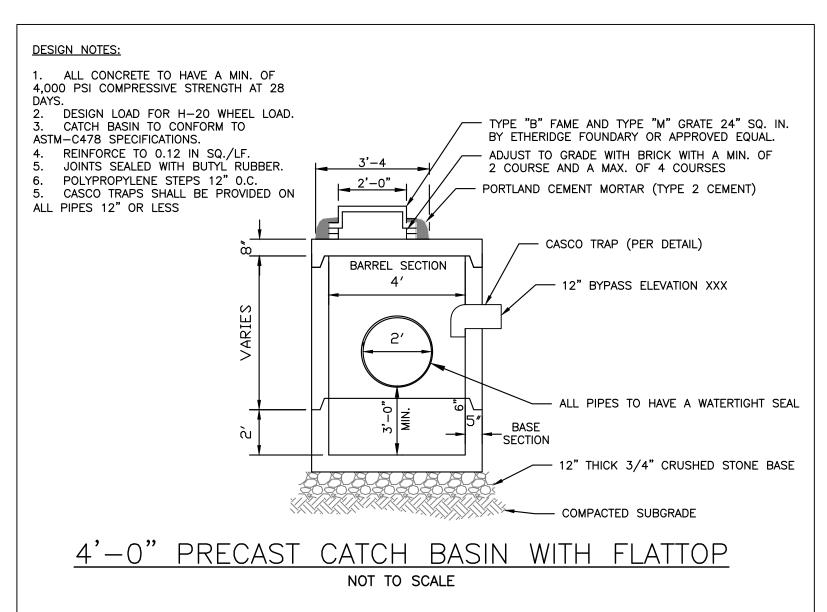
THICKNESS OF LAYERS

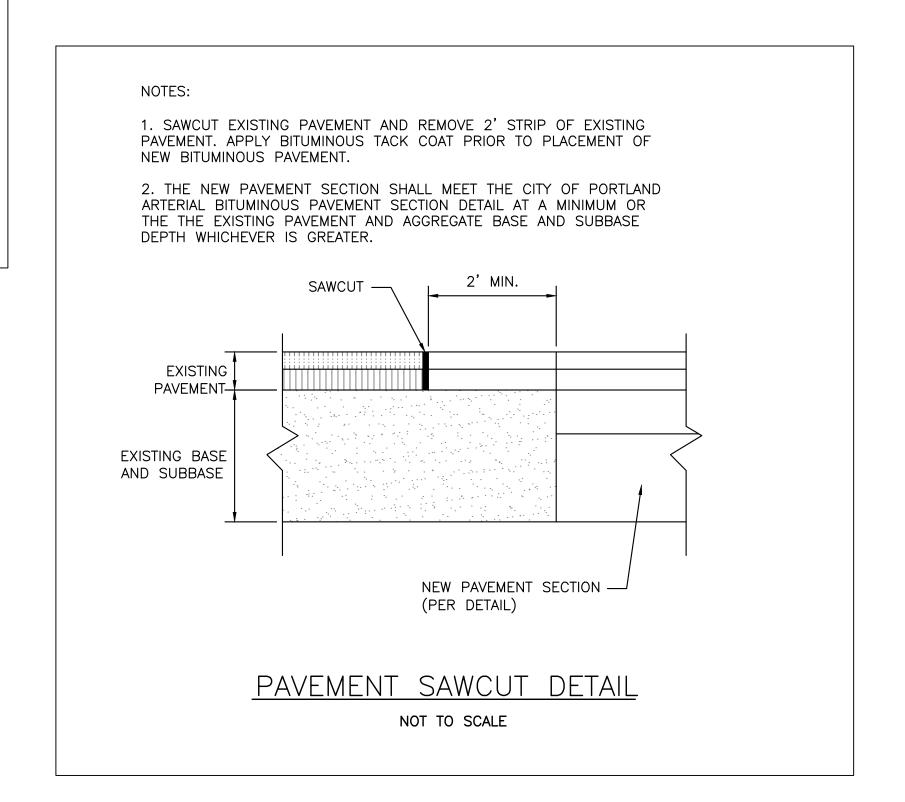
STANDARD	LAYERS
1-1/2"	SURFACE COURSE MDOT 403.09 GRADE C (9.5mm)
2-1/2"	BINDER COURSE MDOT 403.09 GRADE B (19mm)
6"	AGGREGATE BASE GRAVEL MDOT 703.06 TYPE A
9"	AGGREGATE SUBBASE GRAVEL MDOT 703.06 TYPE D

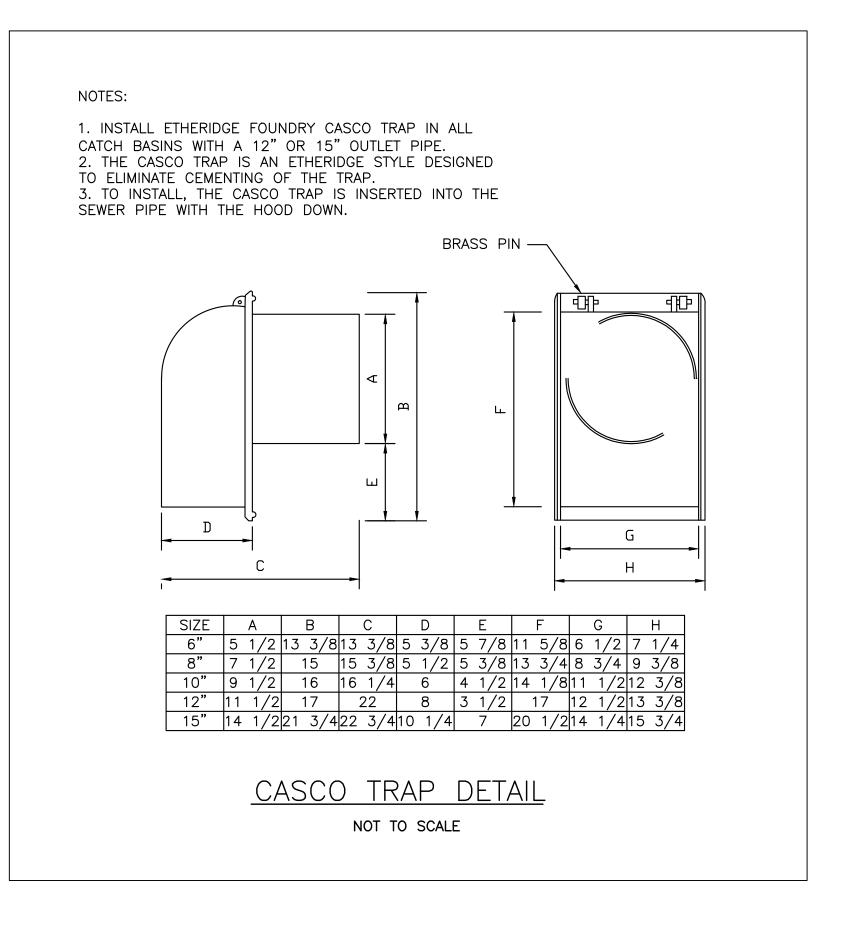
BITUMINOUS PAVEMENT PROFILE

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