LEGEND**

DESCRIPTION	EXISTING	PROPOSED
CONTOUR (1' OR 2' INTERVAL)	—122—	—122—
CONTOUR (INDEX)	—120—	—120—
SANITARY SEWER	—S— S—	—S— S—
FORCE MAIN	—FM—	—FM—
STORM DRAIN	—SD—	—SD—
UNDERDRAIN	—UD—	—UD—
WATER MAIN OR SERVICE	—W— W—	—W— W—
UNDERGROUND ELECTRIC	—E—	—E—
UNDERGROUND COMMUNICATIONS	—T—	—T—
GAS LINE	—G—	—G—
OVERHEAD ELECTRIC	—OE—	—OE—
OIL PIPELINE	—OIL—	
BUILDING		
CULVERT	INV. IN. EL. XXX.XX / INV. OUT EL. XXX.XX	INV. IN. EL. XXX.XX / INV. OUT EL. XXX.XX
HOUSE SERVICE / LATERAL	—S— S—	—S— S—
PROPERTY LINE	—P—	
RIGHT OF WAY	—R/W—	—R/W—
EASEMENT LINE		
LIMITED COMMON ELEMENT YARD LIMIT		
EASEMENT		
SETBACK		
ZONE LINE		
EDGE OF VEGETATION		
FENCE	—x— x—	—x— x—
GUARD RAIL		
CENTERLINE	—℄—	—℄—
RETAINING WALL		
STONEWALL		
CURB		
SIDEWALK		
EDGE OF PAVEMENT		
EDGE OF GRAVEL		
FUTURE TRAIL CONNECTION		
RAILROAD TRACKS		
DRAINAGE DITCH / SWALE		
SANITARY SEWER MANHOLE	○	●
SANITARY SEWER SERVICE CLEANOUT	○CO	○CO
STORM DRAIN MANHOLE	○	●
CATCH BASIN	▣	▣
TELECOMM MANHOLE	○	●
TELECOMM SERVICE BOX	▣	
ELECTRIC MANHOLE	○	●
TRANSFORMER	⊠	⊠
UTILITY POLE W/GUY		
UTILITY POLE		
LIGHTPOST		
GAS METER BOX		
GAS VENT	⊗	⊗
GAS GATE	⊗	⊗
WATER GATE	⊗	⊗
CURB STOP		
HYDRANT		
WATER WELL	⊛	⊛
WATER METER BOX	▣	▣
SIGN		
FLAGPOLE		
WETLAND HATCHING		
CONIFEROUS TREE		
TREE ASSESMENT LOCATION	EHWPCL1	
STONE CHECK DAM		
SEDIMENT BARRIER		
IRON PIN		
MONUMENTS		
SPOT ELEVATION	XXX.XX	XXX.XX
TEST PIT & NUMBER		
BORING & NUMBER		B-P
MONITORING WELL		MW-P
DELINEATED WETLAND AREAS		
MANMADE WETLAND AREAS		
POTENTIAL VERNAL POOL LOCATION (APPROX.)		
ROCK SANDWICH/PERMEABLE ROCK BASE		

**THIS IS A GENERAL LEGEND. NOT ALL ITEMS APPEAR ON THESE DRAWINGS.

SHEET INDEX

ABBREVIATIONS

&	AND	NO.	NUMBER
A.G.	ABOVE GROUND	NR	NO REFUSAL
ALUM.	ALUMINUM	N.T.S.	NOT TO SCALE
B	BORING	O.C.E.W.	ON CENTER EACH WAY
BIT.	BITUMINOUS	O.D.	OUTSIDE DIAMETER
BK	BOOK	OH	OVERHEAD
BM	BENCHMARK		
CK.	CHECKED	±	PLUS OR MINUS
CMP	CENTRAL MAINE POWER	PLS	PROFESSIONAL LAND SURVEYOR
CONC	CONCRETE	PSI	PER SQUARE INCH
D.I.	DUCTILE IRON	PSIG	PER SQUARE INCH GAUGE PRESSURE
DES.	DESIGNED	PVC	POLYVINYL CHLORIDE
DIA.	DIAMETER		
DR.	DRAWN	R.O.W.	RIGHT-OF-WAY
		R/W	RIGHT-OF-WAY
E	EAST	RCP	REINFORCED CONCRETE PIPE
EL.	ELEVATION	REINF.	REINFORCED
ELEC.	ELECTRICAL	REQ'D	REQUIRED
EMBED.	EMBEDDMENT	RET	RETAINING
EX.	EXISTING	RLS	REGISTERED LAND SURVEYOR
FF	FINISH FLOOR	RT	ROUTE
FIN.	FINISH	RTE	ROUTE
FL.	FLOOR		
FT	FOOT/FEET	S.S.	SLOPE
		S.S.	STAINLESS STEEL
GALV.	GALVANIZED	SCH	SCHEDULE
GRND	GROUND	SDR	STANDARD DIMENSION RATIO
		STA.	STATION
H	HEIGHT		
HWY	HIGHWAY	TYP.	TYPICAL
IN	INCH	UC	UNDERGROUND CABLE
INV.	INVERT		
		W	WATER
LCE	LIMITED COMMON ELEMENT (LOT)	W	WEST
LF	LINEAR FEET	W/	WITH
		WV	WATER VALVE
MAX.	MAXIMUM		
MDOT	MAINE DEPARTMENT OF TRANSPORTATION		
MH	MANHOLE		
MIN.	MINIMUM		
MJ	MECHANICAL JOINT		
MON	MONUMENT		
MPH	MILES PER HOUR		

GENERAL NOTES

1. PROPERTY LINE, LIMITED COMMON ELEMENT YARD LIMIT, AND EASEMENT LINES ARE FROM A PLAN BY SGC ENGINEERING, LLC, TITLED CONDOMINIUM PLAT OF PORTLAND TECHNOLOGY PARK CONDOMINIUM, RAND ROAD, PORTLAND, MAINE, DATED 9-29-11 AND REVISED 3-17-14.

2. VERTICAL DATUM IS REFERENCED TO NGVD29 WITH ONE FOOT AND TWO FOOT CONTOUR INTERVALS. HORIZONTAL DATUM IS REFERENCED TO STATE PLANE NAD 1983 (FEET), MAINE WEST ZONE.

3. THE UTILITY LOCATIONS SHOWN IN PLAN AND PROFILE ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION BY THE CONTRACTOR. CONTACT THE CITY IMMEDIATELY UPON DISCOVERING CONFLICTS WITH EXISTING AND PROPOSED UTILITY LOCATIONS. NOT ALL EXISTING UTILITIES ARE SHOWN ON PLANS.

4. CLEAN AND/OR FLUSH ALL MANHOLES, CATCH BASINS, AND ASSOCIATED PIPING AFTER THE WORK HAS BEEN COMPLETED.

5. COORDINATE CONSTRUCTION ACTIVITY WITH UTILITY COMPANIES, EMERGENCY SERVICES AND THE CITY OF PORTLAND. CONTACTS ARE LISTED ON SHEET G-001. NOTIFY UTILITY COMPANIES WITHIN 48 HOURS OF WORK ACTIVITY ADJACENT TO THOSE UTILITIES.

6. CONTRACTOR SHALL NOTIFY ALL UTILITIES PRIOR TO COMMENCING WORK, ALLOWING SUFFICIENT TIME TO LOCATE AND MARK THE LOCATION OF BURIED UTILITIES. CONTRACTOR SHALL CONTACT "DIG SAFE", TELEPHONE 1-888-DIG SAFE (1-888-344-7233), PRIOR TO EXCAVATION.

7. RESTORE ALL AREAS DISTURBED BY CONTRACTOR'S OPERATIONS TO ORIGINAL FINISH (GRAVEL, PAVEMENT, GRASS, ETC.). RESTORATION OF PAVED SURFACES, GRAVEL SURFACES, DRIVEWAYS, AND LAWNS DAMAGED BY CONSTRUCTION ACTIVITIES OUTSIDE OF LIMITS OF WORK INDICATED ON THE PLANS SHALL BE PERFORMED AT NO ADDITIONAL COST TO OWNER. ALL CURB NOT DESIGNATED TO BE RESET AND DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPLACED IN KIND AND SHALL CONFORM TO CITY OF PORTLAND AND MAINE DOT SPECIFICATIONS AT NO ADDITIONAL COST TO OWNER.

8. PROPERLY PROTECT AND DO NOT DISTURB PROPERTY IRONS AND MONUMENTS NOT INDICATED ON THE DRAWINGS FOR REMOVAL. IF DISTURBED, THE PROPERTY MONUMENT SHALL BE RESET AT THE CONTRACTOR'S EXPENSE, BY A PROFESSIONAL LAND SURVEYOR APPROVED BY THE CITY.

9. EXISTING FACILITIES (I.E. TREES, POLES, LIGHT POSTS, CATCH BASINS, ETC.) SHALL BE REMOVED AND PROTECTED DURING CONSTRUCTION. THE CITY OF PORTLAND RETAINS RIGHT TO KEEP ANY AND ALL REMOVED FACILITIES. CONTRACTOR TO DISPOSE OF ANY REMOVED FACILITY AT THE REQUEST OF CITY AT CONTRACTOR'S EXPENSE.

10. ALL TREES AND VEGETATION WITHIN THE SITE NOT NOTED TO BE REMOVED OR RELOCATED PER THE CLEARING LIMITS OR NOTES SHALL BE PROTECTED DURING CONSTRUCTION.

11. DO NOT PARK, IMPEDE ACCESS TO, OR STORE EQUIPMENT ON ADJACENT CITY OR PRIVATELY OWNED LOTS UNLESS PERMISSION HAS BEEN GRANTED IN WRITING BY CITY AND/OR LAND OWNER.

12. COORDINATE DISRUPTION OF PRIVATE UTILITY SERVICES WITH LANDOWNERS AT LEAST TWO DAYS (48 HOURS) PRIOR TO DISRUPTION. ALL UTILITY COORDINATION IS RESPONSIBILITY OF CONTRACTOR.

13. RESTRICT ACCESS TO SITE THROUGH USE OF APPROPRIATE SIGNAGE, BARRIERS, FENCES, ETC. SITE SHALL BE LEFT WITH APPROPRIATE SAFETY MEASURE IN PLACE DURING NON-WORKING HOURS. NO TRENCH SHALL BE LEFT OPEN DURING NON-WORKING HOURS. SITE SAFETY IS THE RESPONSIBILITY OF CONTRACTOR DURING BOTH WORKING AND NON-WORKING HOURS.

14. ALL WORK ASSOCIATED WITH THE PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH THE CITY OF PORTLAND CODE OF ORDINANCES AND TECHNICAL DESIGN STANDARDS AND GUIDELINES.

15. ALL WORK ASSOCIATED WITH THE PROJECT SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES VI, VII, AND IX OF CHAPTER 25-STREETS, SIDEWALKS AND OTHER PUBLIC PLACES OF THE CITY OF PORTLAND CODE OF ORDINANCES.

16. ALL SEWER CONSTRUCTION IN THE PUBLIC WAY SHALL BE COMPLETED IN ACCORDANCE WITH ARTICLES II OF CHAPTER 24-SEWERS OF THE CITY OF PORTLAND CODE OF ORDINANCES.

17. THE CITY OF PORTLAND ENGINEERING DIVISION REQUIRES THAT UPON COMPLETION OF CONSTRUCTION, A COMPLETE SET OF "AS-BUILT" DRAWINGS THAT REFLECT ANY AND ALL MODIFICATIONS TO THE SANITARY SEWER SYSTEM, STORM SEWER SYSTEM, AND ANY OTHER UTILITY INSTALLATIONS OR ALTERATIONS WITHIN THE PROJECT LIMITS BE SUBMITTED TO THE DIVISION. THESE DRAWINGS SHALL BE SUBMITTED IN BOTH DIGITAL AND HARD COPY FORMAT AS DEFINED IN THE SPECIFICATIONS PRIOR TO PAYMENT OF FINAL RETAINAGE.

18. GAS MAINS AND SERVICES SHALL BE FURNISHED AND INSTALLED BY UNITIL. CONTRACTOR SHALL EXCAVATE, BED, BACKFILL, AND RESTORE SURFACE IN ACCORDANCE WITH DETAILS. UNITIL SHALL PROVIDE PIPING, VALVES, AND FITTINGS. CONTRACTOR SHALL COORDINATE ALL WORK WITH UNITIL.

19. CONTACT CITY OF PORTLAND ARBORIST AND ENGINEER PRIOR TO CUTTING ROOTS, TRIMMING BRANCHES, OR DISTURBING TREES THAT HAVE NOT BEEN NOTED FOR REMOVAL ON PLANS.

20. PROVIDE 4" LOAM AND SEED IN ALL EXISTING AND PROPOSED LAWN AREAS DISTURBED BY CONTRACTOR'S OPERATIONS.

21. IF CONTRACTOR PROPOSES TO TEMPORARILY STOCKPILE AND SURPLUS SOIL AND ROCK IN THE CITY OF PORTLAND, THE CONTRACTOR SHALL OBTAIN APPROVAL FOR EACH STOCKPILE LOCATION FROM THE ENGINEER. IF CONTRACTOR PROPOSES TO PERMANENTLY STOCKPILE ANY SURPLUS SOIL AND ROCK ON PROPERTY IN THE CITY OF PORTLAND, THE CONTRACTOR MUST OBTAIN ANY SITE PLAN PERMITS REQUIRED FROM THE CITY PLANNING AUTHORITY OR ANY FILL PERMITS REQUIRED FROM MDEP OR U.S. ARMY CORPS OF ENGINEERS. BOTH TEMPORARY AND PERMANENT STOCKPILE LOCATIONS SHALL MEET THE APPLICABLE SETBACK REQUIREMENTS IN THE CITY LAND USE CODE.

22. PIPE STUB LOCATIONS SHALL BE MARKED WITH EMBEDDED STAKE AS DESCRIBED ON PLANS AND A MINIMUM OF THREE TIES SHOULD BE RECORDED. LOCATION AND ELEVATION OF PIPE STUB SHALL BE PROVIDED TO THE CITY OF PORTLAND ENGINEERING OFFICE.

23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS INCLUDING. PERMIT APPLICATIONS SHALL BE SUBMITTED WITH ADEQUATE TIME SO AS NOT TO DELAY CONSTRUCTION. THE CONTRACTOR WILL ALSO BE REQUIRED TO HAVE A CURRENT EXCAVATOR'S LICENSE IN THE CITY.

24. ALL CONSTRUCTION REQUIREMENTS AND MATERIAL SPECIFICATIONS SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND DETAILS OF THE CITY OF PORTLAND, MDEP, AND MDOT, WHERE APPLICABLE.

25. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING TRENCH AT UTILITY CROSSINGS AT ROCK SANDWICH LOCATIONS TO MATCH DESIGN REQUIREMENTS FOR EACH SECTION OF AGGREGATE. UTILITY COMPANIES WILL NOT BE ALLOWED TO REPLACE THE TRENCH SECTION WITH SAND OR GRAVEL AT LOCATIONS REQUIRING CRUSHED STONE, UNLESS IT IS UTILIZED FOR THE IMMEDIATE BEDDING OF THE PIPE.

10/2/2015

DAVID A. SENUS 10791

CITY OF PORTLAND
ECONOMIC DEVELOPMENT OFFICE
PORTLAND, MAINE
& PATRONS OXFORD INSURANCE CO.

PORTLAND TECHNOLOGY PARK UPDATE & LCE 4 DEVELOPMENT

LEGEND, SHEET INDEX, ABBREVIATIONS, AND GENERAL NOTES

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DRAWN BY: JBC
CHECKED BY: DAS

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SCALE: NONE
SHEET: 1 OF 17

G-01

PERMITTING SET - NOT FOR CONSTRUCTION