

GENERAL NOTES:

- SITE AND TOPOGRAPHIC DATA GATHERED BY NADÉAFIC LAND SURVEYS, 918 BRIGHTON AVENUE, PORTLAND, MAINE BY WAY OF TOPOGRAPHIC SURVEY PERFORMED IN MAY OF 2017. EXISTING 10" WATERLINE AND OFFICE BUILDING GAS SERVICE WAS DIGITIZED FROM MAINE DOT, PORTLAND INTERNATIONAL MARINE TERMINAL IMPROVEMENTS AS-BUILT PLAN, SHEET 21 OF 71, DATED 3/24/11. ADDITIONAL UNDERGROUND ELECTRICAL AND TELEPHONE SERVICES WERE OBTAINED FROM THE CITY OF PORTLAND BY THE CITY ENGINEERING DEPARTMENT (7/10-17/DWG) OBTAINED FROM BARTLETT DESIGN INC. ON JULY 10, 2017.
- VERTICAL DATUM IS REFERENCED TO NATIONAL GEODETIC DATUM OF 1928 (NGVD 1928). HORIZONTAL DATUM IS REFERENCED TO STATE PLANE NAD 1983 (FEET), MAINE WEST ZONE.
- THE ENTIRE SITE SHALL BE DEVELOPED AND/OR MAINTAINED AS DEPICTED ON THE SITE PLAN. APPROVAL OF THE PLANNING AUTHORITY OR PLANNING BOARD SHALL BE REQUIRED FOR ANY ALTERATION TO OR DEVIATION FROM THE APPROVED SITE PLAN, INCLUDING, BUT NOT LIMITED TO, CHANGES TO THE LOCATION, TYPE, WIDTH, MATERIAL, OR LAYOUT OF DRIVEWAYS, ACCESS, SIZE, LOCATION, AND SURFACING OF PARKING AREAS, AND LOCATION AND SIZE OF BUILDINGS.
- THE UTILITY LOCATIONS SHOWN IN PLAN ARE APPROXIMATE AND REQUIRE FIELD VERIFICATION BY THE CONTRACTOR. CONTACT THE OWNER IMMEDIATELY UPON DISCOVERING ANY CONFLICTS WITH EXISTING AND PROPOSED UTILITY LOCATIONS. NOT ALL EXISTING UTILITIES ARE SHOWN ON PLANS.
- CLEAN AND/OR FLUSH ALL MANHOLES, CATCH BASINS, AND ASSOCIATED PIPING AFTER THE WORK HAS BEEN COMPLETED.
- COORDINATE CONSTRUCTION ACTIVITY WITH UTILITY COMPANIES. EMERGENCY SERVICES AND UTILITY COMPANIES WITHIN 48 HOURS OF WORK ACTIVITY ADJACENT TO THOSE UTILITIES.
- CONTRACTOR SHALL NOTIFY ALL UTILITIES PRIOR TO COMMENCING WORK, ALLOWING SUFFICIENT TIME TO LOCATE AND MARK UTILITIES. CONTRACTOR SHALL CONTACT "DIG SAFE", TELEPHONE 811, PRIOR TO EXCAVATION.
- RESTORE ALL AREAS DISTURBED BY CONTRACTOR'S OPERATIONS TO ORIGINAL FINISH (GRAVEL, PAVEMENT, GRASS, ETC.). RESTORATION OF PAVED SURFACES, GRAVEL, GRASS, AND OTHER AREAS SHALL BE PERFORMED BY CONTRACTOR. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ANY DAMAGE TO EXISTING OR NEW MANHOLES, CATCH BASINS, OR OTHER STRUCTURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ANY DAMAGE TO EXISTING OR NEW MANHOLES, CATCH BASINS, OR OTHER STRUCTURES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- PROPERLY PROTECT AND DO NOT DISTURB PROPERTY, IRONS AND MONUMENTS, IF DISTURBED, THE PROPERTY MONUMENT SHALL BE RESET AT THE CONTRACTOR'S EXPENSE BY A LICENSED LAND SURVEYOR ACCEPTABLE TO THE CITY. PROPERTY MONUMENTS SHALL BE RESET IN ACCORDANCE WITH CITY OF PORTLAND STANDARDS.
- EXISTING FACILITIES (I.E. TREES, POLES, LIGHT POSTS, CATCH BASINS, ETC.) SHALL BE REMOVED AND PROTECTED DURING CONSTRUCTION. OWNER RETAINS RIGHT TO KEEP ANY AND ALL REMOVED FACILITIES. CONTRACTOR TO DISPOSE OF ANY REMOVED FACILITY AT THE REQUEST OF OWNER AT CONTRACTOR'S EXPENSE.
- 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.
- COORDINATE DISRUPTION OF PRIVATE UTILITY SERVICES WITH LANDOWNERS AT LEAST TWO DAYS (48 HOURS) PRIOR TO DISRUPTION. ALL UTILITY COORDINATION IS RESPONSIBILITY OF CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY CONNECTION, RETIREMENT, AND COORDINATION FEES.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS. PERMIT APPLICATIONS SHALL BE SUBMITTED WITH ADEQUATE TIME SO AS NOT TO DELAY CONSTRUCTION.
- FINAL SETS OF AS-BUILT PLANS SHALL BE SUBMITTED DIGITALLY TO THE PLANNING AND URBAN DEVELOPMENT DEPARTMENT ON A CD OR DVD IN AUTOCAD FORMAT (DWG) RELEASE AUTOCAD 2005 OR GREATER, AS SPECIFIED IN THE CITY OF PORTLAND TECHNICAL MANUAL.
- WORK IS IN CLOSE PROXIMITY TO EXISTING UTILITIES. PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION SHALL BE INCIDENTAL.
- IF CONTRACTOR PROPOSES TO TEMPORARILY STOCKPILE ANY 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 PORTLAND ENGINEERING DEPARTMENT. TEMPORARY AND PERMANENT STOCKPILE LOCATIONS SHALL MEET THE APPLICABLE SETBACK REQUIREMENTS IN THE CITY LAND USE CODE AND SHALL RECEIVE PROPER STABILIZATION AND EROSION & SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH APPROVED SOIL EROSION & WATER POLLUTION CONTROL PLAN.
- PRIOR TO CONSTRUCTION, A PRECONSTRUCTION MEETING SHALL BE HELD AT THE PROJECT SITE WITH THE CONTRACTOR, DEVELOPMENT REVIEW COORDINATOR, PUBLIC WORKS REPRESENTATIVE, AND OWNER TO REVIEW THE CONSTRUCTION SCHEDULE AND CRITICAL PATH METHOD. THE CONTRACTOR SHALL PROVIDE THREE (3) COPIES OF A DETAILED CONSTRUCTION SCHEDULE TO THE ATTENDING CITY REPRESENTATIVE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE A MUTUALLY AGREEABLE TIME FOR THE PRECONSTRUCTION MEETING.
- EXISTING PAVEMENT SHALL BE SAWCUT AND BUTTED TO THE NEW PAVEMENT. NO FEATHERING OF PAVEMENT WILL BE PERMITTED.
- CONTRACTOR SHALL DEVELOP A CONSTRUCTION MANAGEMENT PLAN FOR REVIEW AND APPROVAL BY THE ENGINEER. THE CONSTRUCTION MANAGEMENT PLAN SHALL INCLUDE, BUT NOT BE LIMITED TO, PUBLIC ACCESS TO SIDEWALKS, CITY STREETS, AND ADJACENT LOTS. THE INTERNATIONAL MARINE TERMINAL SITE SHALL REMAIN OPEN DURING CONSTRUCTION AND THE PLAN SHALL ADDRESS MEANS TO MAINTAIN ACCESS TO THE PUBLIC. THE CONSTRUCTION MANAGEMENT PLAN SHALL INCLUDE A SCHEDULE OF WORK ITEMS AND A DESCRIPTION OF THE PUBLIC COMMUNICATION PROCESS. CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL CONSTRUCTION ACTIVITIES WITH THE CITY OF PORTLAND AND OBTAINING CITY PERMITS. THE CONSTRUCTION MANAGEMENT PLAN PRIOR TO ISSUANCE OF THE BUILDING PERMITS.
- CONTRACTOR IS RESPONSIBLE FOR ALL SNOW REMOVAL AND WINTER MAINTENANCE OF ACCESS PATHS WITHIN THE LIMIT OF WORK.
- RESTRICT ACCESS TO SITE THROUGH THE USE OF APPROPRIATE SIGNAGE, BARRIERS, FENCES, ETC. SITE SHALL BE LEFT WITH APPROPRIATE SAFETY MEASURES IN PLACE DURING NON-WORKING HOURS. NO TRENCH SHALL BE LEFT OPEN DURING NON-WORKING HOURS. CONTRACTOR IS RESPONSIBLE FOR CONTRACTOR, DURING BOTH WORKING AND NON-WORKING HOURS.
- CONTRACTOR SHALL DEVELOP A SITE SPECIFIC SPILL PREVENTION AND SOIL EROSION AND WATER POLLUTION CONTROL PLAN IN CONFORMANCE WITH THE CONSTRUCTION DRAWINGS AND MAINE DOT'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL.
- CONTRACTOR SHALL ARRANGE AND PREPARE FOR ALL NECESSARY TEMPORARY UTILITIES AS REQUIRED TO COMPLETE WORK, INCLUDING ANY NECESSARY SUB-METERING OR TEMPORARY CONNECTIONS.
- ALL WATERLINE (MAINS, SERVICES, HYDRANTS, ETC.) CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE PORTLAND WATER DISTRICT TECHNICAL SPECIFICATIONS. LATEST EDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONFLICTS IN THE PROJECT CONSTRUCTION DOCUMENTS AT NO ADDITIONAL COST TO OWNER.
- ALL GAS LINE (MAINS, SERVICES, GATE VALVES, METERS, ETC.) CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE PORTLAND GAS DISTRICT TECHNICAL SPECIFICATIONS. LATEST EDITION. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND CONFLICTS IN THE PROJECT CONSTRUCTION DOCUMENTS AT NO ADDITIONAL COST TO OWNER.

SYMBOLS

DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER MANHOLE	⊙	●
STORM DRAIN MANHOLE	⊖	●
CATCH BASIN	⊕	⊕
ELECTRICAL MANHOLE	⊙	⊙
COMMUNICATIONS MANHOLE	⊙	⊙
CABLE MANHOLE	⊙	⊙
UTILITY POLE W/GUY	⊙	⊙
UTILITY POLE	⊙	⊙
UTILITY POLE W/LIGHT	⊙	⊙
LIGHT POLE	⊙	⊙
WATER GATE	⊙	⊙
WATER VALVE	⊙	⊙
WATER SHUT OFF	⊙	⊙
HYDRANT	⊙	⊙
GAS METER	⊙	⊙
SIGN	⊙	⊙
MAILBOX	⊙	⊙
CONIFEROUS TREE	⊙	⊙
DECIDUOUS TREE	⊙	⊙
IRON PIN (FOUND)	⊙	⊙
MONUMENTS (FOUND)	⊙	⊙
TEST PIT	⊙	⊙
BITUMINOUS PAVEMENT	⊙	⊙
MILL AND OVERLAY	⊙	⊙
CONCRETE SIDEWALK	⊙	⊙

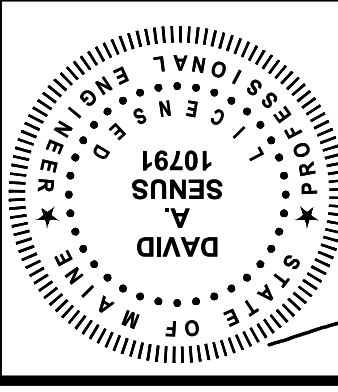
LINE TYPES

DESCRIPTION	EXISTING	PROPOSED
CONTOUR (1' INTERVAL)	---	---
CONTOUR (INDEX)	---	---
SANITARY SEWER	---	---
STORM DRAIN	---	---
UNDERDRAIN	---	---
WATER MAIN	---	---
UNDERGROUND ELECTRIC	---	---
GAS LINE	---	---
UNDERGROUND ELECTRICAL /COMMUNICATIONS/CABLE	---	---
PROPERTY LINE	---	---
RIGHT OF WAY	---	---
EASEMENT	---	---
FENCE	---	---
RETAINING WALL	---	---
STONEWALL	---	---
CURB	---	---
TYPE 1 GRANITE CURB	---	---
FLUSH GRANITE CURB	---	---
EDGE OF PAVEMENT	---	---
BUILDING OUTLINE	---	---
SAWCUT	---	---
ROOF OVERHANG	---	---

ABBREVIATIONS

&	AND	N.I.C.
A.G.	ABOVE GROUND	NO. NUMBER
BC	BOTTOM OF CURB	NO REFUSAL
BT	BITUMINOUS	NOT TO SCALE
BW	BOTTOM OF WALL	OVERHEAD ELECTRIC
B/W	BETWEEN	OVERHEAD
CB	CATCH BASIN	PLUS OR MINUS
CI	CAST IRON	LICENSED LAND SURVEYOR
CL	CLAY	POINT
CM	COMMERCIAL METAL PIPE	POLYVINYL CHLORIDE
CO	CONCRETE	RIGHT-OF-WAY
DI	DUCTILE IRON	REINFORCED CONCRETE PIPE
DIA.	DIAMETER	REINFORCED
DMH	DRAIN MANHOLE	REQUIRED
D/L	DE L'ALL	SLOPE (FT./FT.)
E	UNDERGROUND ELECTRICAL	SEWER
EL.	ELEVATION	STORM DRAIN
E.O.P.	EDGE OF PAVEMENT	SEWER MANHOLE
EXIST.	EXISTING	SCHEDULE
FF	FINISH FLOOR	STATION
FT	FOOT/FEET	TOP OF STAIRS
G	GAS MAIN	TOP OF WALL
GS	GAS SERVICE	TYPICAL
GALV.	GALVANIZED	UTILITY POLE
GRAN.	GRANITE	VT.
HDPE	HIGH DENSITY POLYETHYLENE	WEST
HYD	HYDRANT	WATER
INV.	INVERT	WATERMAN
LF	LINEAR FEET	WATER SERVICE
MAX.	MAXIMUM	WATER VALVE
MOOT	MAINE DEPARTMENT OF TRANSPORTATION	
MW	MEAN LOWER WATER	
MLW	MEAN LOWER LOW WATER	
MON	MONUMENT	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2194202
WIN
021942.02
CIVIL PLANS



DATE	8/9/2017
P.E. NUMBER	10791
SIGNATURE	[Signature]
BY	JOEL KITTREDGE
DATE	8-9-17
DESIGN-DETAILED	8-9-17
CHECKED-REVIEWED	8-9-17
DESIGN-DETAILED	8-9-17
DESIGN-DETAILED	8-9-17
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

PORTLAND INTERNATIONAL MARINE TERMINAL
MAINTENANCE & OPERATIONS BUILDING
CUMBERLAND COUNTY
PORTLAND
GENERAL NOTES, LEGEND, AND
ABBREVIATIONS

SHEET NUMBER
C-01
OF
LEVEL II SITE PLAN SUBMITTAL
AUGUST 9, 2017

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