

KEYNOTES: (THIS SHEET ONLY.)

- ELECTRIC/COMMUNICATIONS**
- ▲ MULTIPLE CONDUIT RISERS ON UTILITY POLE WITH STANDARD SMP STANDOFF BRACKETS IN ACCORDANCE WITH ILLUSTRATION NO. 28 OF THE CMP "HANDBOOK OF STANDARD REQUIREMENTS FOR ELECTRIC SERVICE AND METER INSTALLATIONS." PROVIDE ALL MATERIALS AND INSTALL FIRST SECTION TO ±6" ABOVE GRADE (REMAINING INSTALLATION AND CONNECTIONS NOT IN CONTRACT AND SHALL BE PERFORMED BY CMP).
 - ▲ ELECTRIC SERVICE (PRIMARY), IN CONDUIT TRENCH.
 - ▲ COMMUNICATIONS SERVICE IN CONDUIT TRENCH.
 - ▲ CONCRETE TRANSFORMER PAD, TRANSFORMER INSTALLATION AND WIRING FROM TRANSFORMER TO UTILITY POLE BY CMP. COORDINATE INSTALLATION WITH CMP.
 - ▲ UNDERGROUND ELECTRIC (SECONDARY/COMMUNICATIONS LINE IN CONDUIT TRENCH).
 - ▲ NOT USED.

- WATER**
- ▲ WATER LINE IN PIPE TRENCH.
 - ▲ BLOW-OFF VALVE.
 - ▲ EXTEND EXISTING RESIDENTIAL SERVICE AND CONNECT TO NEW WATER LINE. PROVIDE AT LEAST 48 HOURS NOTICE TO PROPERTY OWNER AND ARCHITECT PRIOR TO ANY WATER SERVICE OUTAGE. PROVIDE TEMPORARY WATER SERVICE TO HOMES FOR ANY OUTAGES EXCEEDING 4 HOURS IN ACCORDANCE WITH PORTLAND WATER DISTRICT'S WRITTEN REQUIREMENTS.
 - ▲ TAPPING SLEEVE (SIZE AS INDICATED), VALVE AND THRUST BLOCK.
 - ▲ WATER VALVE.
 - ▲ 12"x8" INCREASER. CONNECT TO EXISTING 8" WATER VALVE.
 - ▲ FIRE HYDRANT.
 - ▲ SHUT OFF EXISTING WATER VALVE, CAP END OF PIPE AT VALVE AND ABANDON WATER LINE IN PLACE.
 - ▲ TEMPORARY WATER SERVICE TO EXISTING SCHOOL: PROVIDE 8" TAPPING SLEEVE, TAPPING VALVE AND JOINT RESTRAINT. DISCONNECT SERVICE FROM EXISTING SCHOOL IMMEDIATELY PRIOR TO BUILDING DEMOLITION, SHUT VALVE AND CUT CAP END OF WATER LINE AT CONNECTION TO EXISTING WATER SERVICE TO SCHOOL.
 - ▲ JOINT RESTRAINT.
 - ▲ CAP EXISTING WATER LINE AND ABANDON IN PLACE.
 - ▲ NOT USED.

- GAS**
- ▲ GAS LINE IN PIPE TRENCH. INSTALLATION OF GAS PIPING ONLY, CONNECTIONS TO EXISTING GAS MAIN AND GAS METER ON BUILDING AND ALL REQUIRED TESTING BY UNITIL (NOT IN CONTRACT). COORDINATE INSTALLATION WITH UNITIL AND PROVIDE AT LEAST 21 BUSINESS DAYS NOTICE PRIOR TO STARTING ANY TRENCHING FOR GAS LINE.
 - ▲ NOT USED.

- SANITARY SEWER/STORM DRAINAGE (SEE ALSO CG101)**
- ▲ EXISTING SEWER MANHOLE. REMOVE FRAME AND COVER AND RESET RIM TO ELEVATION 66.00'. EXISTING RIM ELEVATION: 65.37'. CENTERLINE OF EXISTING CHANNEL: 54.87'.
 - ▲ EXISTING SEWER MANHOLE. EXISTING RIM ELEVATION: 60.75'. INVERT IN: 51.4'. INVERT OUT: 51.3'.
 - ▲ PLUG EXISTING MANHOLE PENETRATION.
 - ▲ CORE HOLE IN EXISTING SEWER MANHOLE (INVERT ELEVATION AS INDICATED).
 - ▲ SANITARY SEWER LINE IN PIPE TRENCH.
 - ▲ GREASE TRAP. SEE SANITARY STRUCTURE SCHEDULE, THIS SHEET.
 - ▲ SEWER MANHOLE. SEE SANITARY STRUCTURE SCHEDULE, THIS SHEET.
 - ▲ DROP MANHOLE. SEE SANITARY STRUCTURE SCHEDULE, THIS SHEET.
 - ▲ FILL EXISTING SANITARY SEWER/STORM DRAIN LINE WITH FLOWABLE FILL, CAP/PLUG ENDS OF LINE TO REMAIN AND ABANDON IN PLACE.

SANITARY STRUCTURE SCHEDULE

STRUCTURE	RIM ELEV	INVERT IN	PIPE SIZE	INVERT OUT	PIPE SIZE	REMARKS
SMH 1	66.96'	60.87'	8"	60.77'	8"	RIM 2" ABOVE FINISHED GRADE
SMH 2	66.15'	53.84'	6", 8", 10"	53.74'	10"	DROP MANHOLE
SMH 3	66.12'	53.06'	10"	52.96'	10"	RIM 2" ABOVE FINISHED GRADE
SMH 4	64.05'	52.63'	10"	54.53'	10"	RIM 2" ABOVE FINISHED GRADE
SMH 5	64.88'	54.01'	10"	51.91'	10"	RIM 2" ABOVE FINISHED GRADE
GT1			4"		6"	GREASE TRAP

NOTE:
SEE SHEET CG101 FOR STORM DRAINAGE INFORMATION

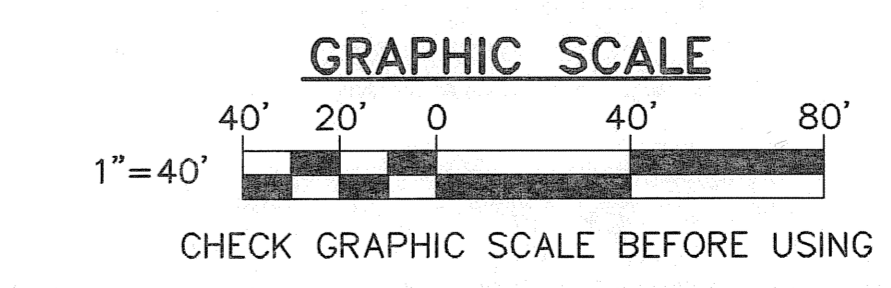
FOR PERMITTING PURPOSES ONLY, NOT FOR CONSTRUCTION

STATE OF MAINE PUBLIC SCHOOL PROJECT	
TITLE: PORTLAND PUBLIC SCHOOLS LOCATION: NEW FRED P. HALL ELEMENTARY SCHOOL (CHART 275, BLOCK C048, LOT 001) NORTH UTILITY PLAN	
DRAWN BY: MMV	CHECKED BY: JSD
NO. DATE	DESCRIPTION BY
REVISIONS DATE: 08/29/16	

OAK POINT ASSOCIATES **CU101**

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9 of 15



1 NORTH UTILITY PLAN
SCALE: 1"=40'

