LEGEND

EXISTING

- PROPERTY LINE
- BUILDING SETBACK
- ABUTTERS PROPERTY
- EASEMENT
- EDGE OF PAVEMENT
- BUILDING
- CURB
- CHAINLINK FENCE
- OVERHEAD WIRES
- UNDERGROUND WIRES
- GAS LINE
- SANITARY SEWER
- STORMDRAIN
- OVERHEAD WIRES
- UNDERGROUND WIRES
- WATER LINE
- FIRE ALARM
- SPOT GRADE
- CATCH BASIN
- DRAIN MANHOLE
- ELECTRIC MANHOLE
- TRANSFORMER
- SEWER MANHOLE
- UTILITY POLE
- TREE
- TREELINE
- CHAINLINK FENCE
- BENCHMARK
- BOUND FOUND
- IRON PIPE FOUND
- HYDRANT
- GATE VALVE
- GAS VALVE
- LIGHT POLE
- EX. FLAGPOLE
- CONTOURS

PROPOSED

- EASEMENT
- EDGE OF PAVEMENT
- VERTICAL GRANITE CURB
- GRADE BREAKS AT RAMP
- CONTOURS
- BUILDING ENTRY/EGRESS
- STORMDRAIN
- GAS LINE
- SANITARY SEWER
- UNDERGROUND ELECTRIC
- WATER LINE
- UNDERDRAIN
- FOUNDATION DRAIN
- ROOF DRAIN
- SPOT GRADE
- CATCH BASIN
- DRAIN MANHOLE
- BOLLARD
- SANITARY MANHOLE
- GATE VALVE
- TRANSFORMER
- LIGHTPOLE
- SIGN
- HANDICAP PARKING
- PAINTED CROSSWALK
- SURFACE DRAINAGE
- BITUMINOUS PAVEMENT
- CONC. PAVERS AT RAMPS

NOTE: EX. 6" FIRE PROTECTION MUST REMAIN IN SERVICE UNTIL NEW 6" PIPING IS INSTALLED AND CHARGED. SITE CONTRACTOR IS RESPONSIBLE FOR WATER SERVICE INSTALLATION TO INSIDE THE BUILDING WHERE THE PIPING COMES ABOVE THE FLOOR SLAB. COORDINATE WITH THE BUILDING CONTRACTOR.

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

ICE ARENA

PARKING FOR FITZPATRICK STADIUM

PARK AVENUE

KING MIDDLE SCHOOL

EX. EMH RIM 43.13

BENCHMARK: TOP OF CONCRETE WALL EL. 44.64', SEE PLAN REFERENCE NOTE 3.

EX. CB RIM 31.00 6"CI INV. OUT=33.45±

EX. 6" FIRE PROTECTION

EX. GAS SERVICE TO BE REMOVED AND REPLACED BY OTHERS, REUSE EX. TRENCH.

TAPPING SLEEVE & GATE VALVE FOR 3" COPPER K DOMESTIC SERVICE

CONNECT TO EX. SERVICE

5.5' MIN COVER OVER WATERLINES, TYP.

40 LF of 4"ϕ UNDERDRAIN, S=0.001'/', ANGLE 5'± OF UD AS REQ'D AT F.I. T. OF WALL 43.25 B. OF WALL 39.30

EX. FIN. FLR EL. 43.5

LIGHTWELL

EX. FIN. FLR EL. 33.84

FIN. FLR EL. 33.17

CONNECT TO EX. SERVICE

2" COPPER K

2" DOMESTIC
6" FIRE SERVICE

F.I. #2 RIM 31.50 INV. 25.86 LOCATE F.I. TO AVOID SEWER

F.I. #1, RIM 35.80 INV. IN 30.90 INV. OUT 30.80

84 LF of 4"ϕ UNDERDRAIN, S=0.005'/'

3" DOMESTIC TO BE COPPER K W/ NO JOINTS BENEATH THE BUILDING. 6" FIRE PROTECTION TO BE CEMENT LINED D.I.

PROPOSED 3-STORY BLDG (INCLUDES BASEMENT)

MIN. INV. AT FACE OF BLDG 29.84

65 LF of 12"ϕ PIPE, S=0.02'/'

CB #1, RIM 31.50 INV. IN 26.60 INV. OUT 26.50

CB #2, RIM 31.50 INV. IN 25.20 INV. OUT 25.10

66 LF of 8"ϕ PIPE, S=0.26'/'

62 LF of 12"ϕ PIPE, S=0.02'/'

66 LF of 8"ϕ PIPE, S=0.01'/'

44 LF of 12"ϕ PIPE, S=0.04'/'

CB #3, RIM 30.00 INV. IN 23.86 INV. OUT 23.76

EX. OHE TO BE CONNECTED TO NEW RISER POLE.

ALTERNATE 1, SEE SHEET C4 FOR CONTINUATION

EX CB RIM 27.05

TEST PIT REQ'D TO DETERMINE DEPTH & SIZE OF EX. SEWER

10 L.F. of 6"ϕ MIN. S=0.005'/'

74 L.F. of 6"ϕ MIN. S=0.005'/'

SMH #3 RIM 32.9

SMH #2 RIM 31.1

END OF RIGID INSULATION OVER SEWER

53 L.F. of 6"ϕ MIN. S=0.005'/'

84 L.F. of 6"ϕ MIN. S=0.005'/'

85 L.F. of 6"ϕ MIN. S=0.005'/'

SMH #4 RIM 32.3

F.I. #3 RIM 32.30 INV. 27.82

SMH #1, RIM 30.0 LOCATE OVER EX. SEWER

TEST PIT REQ'D TO DETERMINE DEPTH & SIZE OF EX. SEWER. IT IS ASSUMED THAT THE EX. INVERT IS EL. 26.0 OR LOWER. NOTIFY ENGINEER OF ACTUAL INVERT PRIOR TO INSTALLING ANY PIPE OR STRUCTURES.

EX. CUT-OFF POLE W/ CONDUIT

EX. CONC. PAD OVER UNDERGROUND OIL TANK

SEE SHEET C5, STORMDRAIN PROFILE FOR REPLACEMENT OF EX. STORMDRAIN PIPE & STRUCTURES.

EX. EMH RIM 31.90

EX. CB RIM 31.56

MAGNETIC

SHEET:	DRAWING:		PROJECT:	OWNER:	ARCHITECT:
C3	GRADING AND UTILITIES PLAN		IRIS NETWORK RENOVATION & ADDITIONS PORTLAND, ME 04101	IRIS NETWORK PORTLAND, ME 04101	SEMPLE & DRANE ARCHITECTS **496 CONGRESS STREET** **PORTLAND, MAINE 04101** **(207) 761-4231** **asemple1@maine.rr.com**
	SCALE: AS SHOWN	REVISIONS: ISSUED FOR BID			
	DATE: MARCH 18, 2005				

STATE OF MAINE · THOMAS S. GREER · 4206 · REGISTERED PROFESSIONAL ENGINEER

SEAL: