NOTE:
SEE SHEET C202 FOR UTILITY SCHEDULES.

MAGNETIC

MATCHLINE - SEE SHEET C301

INSTALL ISOLATION VALVE ON EXISTING MAIN 60-80 FT. FROM LIMIT OF WORK. COORDINATE LOCATION WITH PORTLAND WATER DIST.

PRIMARY CMP FEED RELOCATED FROM WESCOTT STREET TO CRESCENT STREET (BY OTHERS)

INSTALL 8"x6" REDUCER AND ELBOW - CONNECT TO EXIST. 6" WATER MAIN

EXIST. GAS TO REMAIN

UTILITY POLE TO BE INSTALLED BY CMP

(1) 5" CONDUIT FOR MMC TELECOMM FIBER (CABLE BY OTHERS). CAP CONDUIT AT EXISTING UTILITY POLE.

(2) 5" CONDUITS FOR VERIZON TELECOMM. CONNECT NEW CONDUIT TO STUBS AT MANHOLE (MANHOLE PENETRATION AND STUBS BY OTHERS).

INSTALL ISOLATION VALVE ON EXISTING MAIN 60-80 FT. FROM LIMIT OF WORK. COORDINATE LOCATION WITH PORTLAND WATER DISTRICT.

INSTALL NEW UNDERGROUND ELECTRICAL SERVICE TO RESIDENCE (COORDINATE WORK WITH OWNER)

MAINTAIN WATER, GAS AND ELECTRICAL SERVICE DURING CONSTRUCTION, TYP.

(2) 4" CONDUITS (CAP AT UTILITY POLE)

SITE CONTRACTOR TO CONNECT TO 4" CONDUIT STUBS BY OTHERS AT TELECOMMUNICATIONS CABINET

NEW UTILITY POLE BY OTHERS

EXISTING VERIZON TELECOMMUNICATIONS CABINET TO REMAIN

CB-112(NEW) TYPE "F" CATCH BASIN

CONNECT EXIST. HOUSE SAN. SERVICE TO NEW SAN. LINE (SEE NOTE 8)

6" UNDERDRAIN

ELLSWORTH STREET

INSTALL NEW MH MATCH EXIST. INV.

INSTALL 8x12 REDUCER

WESCOTT STREET

(3) 5" CONDUITS

MAINTAIN EXIST. WATER CONNECTION DURING CONSTRUCTION

MAINTAIN WATER, GAS, SEWER, AND ELECTRICAL SERVICES DURING CONSTRUCTION, TYP. (SEE NOTE 8)

UTILITY POLE TO BE RELOCATED (BY OTHERS)

CUT AND PLUG SAN. SEWER UPGRADIENT OF EXIST. SERVICE. EXIST. ABANDONED SAN. SEWER TO BE REMOVED AS REQ'D FOR NEW CONSTRUCTION

CONNECT NEW UGE CONDUIT TO EXIST. MANHOLE AT CHARLES/BRAMHALL ST. INTERSECTION

CB-101 TYPE "F" CATCH BASIN (10 C601)

WATER LINE TO BE ABANDONED

UTILITY POLE TO BE RELOCATED (BY OTHERS)

(3) 4" CONCRETE ENCASED TELE-COMMUNICATION DUCTS

FIRE HYDRANT STA:13+71, 15.26RT (8 C601)

DEPRESS WATER SERVICE CONNECTIONS TO PROVIDE A MINIMUM 1' OF SEPERATION BETWEEN THE WATER LINES AND THE STORM DRAIN LINE

EXIST. UNDERGROUND VERIZON TELECOMM. TO REMAIN (DO NOT DISTURB)

DEPTH OF EXISTING VERIZON CONDUIT UNKNOWN. VERIFY 1' MIN. CLEARANCE FROM SD-10 DURING CONSTRUCTION.

CONNECT SITE WALL FOUNDATION DRAIN TO CB-110

CONNECT SITE WALL FOUNDATION DRAIN TO CB-105

CONNECT UNDERDRAIN TO CATCH BASIN

ELECTRICAL DUCT BANK- SEE ELECTRICAL PLANS FOR DETAILS, TYP.

PARKING GARAGE
(AVERAGE FINISH GRADE = 81.0)
(TOP OF STRUCTURE=147.0)
(PROPOSED HEIGHT = 66.0 FT.)

2-INCH BLOW OFF VALVE (13 C601)

SEE SHEET C303 FOR DETAIL IN THIS AREA

CB-104 TYPE "F" CATCH BASIN (10 C601)

CHARLES STREET ADDITION
(AVERAGE FINISH GRADE = 136.0)
(TOP OF STRUCTURE = 230.0)
(PROPOSED HEIGHT = 94.0 FT.)

6" DIAMETER DOWNSTREAM DEFENDER STORMWATER TREATMENT UNIT

CRESCENT STREET

RUSSELL STREET

6" UNDERDRAIN (10 C601)

CONNECT NEW UGE CONDUIT TO EXIST. MANHOLE (SEE ELECT. PLANS BY OTHERS FOR CONDUIT SCEDULE)

INSTALL 12" TEE AND GATE VALVE (SEE NOTE 3)

LIMIT OF DISTURBANCE, TYP.

INSTALL 12" TEE

INV. OUT=105.0

(5) 5" COMM. CONDUITS (SEE ELECTRICAL PLANS FOR CONDUIT SCHEDULE, BUILDING LOCATIONS AND DETAILS)

CHARLES STREET

EXIST. MH TO REMAIN. ADJUST RIM AS REQUIRED

INSTALL 12" TEE

INSTALL 12" GATE VALVE (SEE NOTE 3)

BRAMHALL STREET

SERVICE TUNNEL

RICHARDS WING

(2) 5" CONDUITS FOR VERIZON TELECOMM. FIBER

(4) 5" CONDUITS (NORMAL POWER) (SEE ARCH. PLANS FOR CONDUIT SCHEDULE, BUILDING LOCATIONS AND DETAILS)

FIRE HYDRANT STA:18+51, 15.26RT (8 C601)

CB-100 (NEW) TYPE "F" CATCH BASIN (10 C601)

CB-101 (NEW) TYPE "F" CATCH BASIN (10 C601)

EXIST. SAN. SEWER TO REMAIN

UNDERGROUND ELECTRICAL VAULT

CONNECT NEW 6" SERVICE TO EXISTING (SEE NOTE 7)
INV. OUT=105.0

EXISTING TUNNEL

CONNECTOR

PAVILION A

PAVILION C

MAINTAIN EXISTING WATER MAIN CONNECTION AND VALVES. COORDINATE WORK INTERNAL TO BUILDING WITH PLUMBING PLAN BY OTHERS (SEE NOTES 3, 5)

EXIST. WATER SERVICE TO REMAIN

EXIST. VERIZON TELECOMM. TO REMAIN IN SERVICE DURING CONSTRUCTION. LOCATION SHOWN IS PER RECORD PLANS AND MUST BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION. (SEE SHEET C010)

MAINE MEDICAL CENTER

BRIDGE

LL BEAN WING

LOBBY

TEMPORARY EXCAVATION PROTECTION (SEE NOTE 9)

MATCHLINE - SEE SHEET C302

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

General Notes:

1. SEE ELECTRICAL PLANS FOR CONDUIT SCHEDULES FOR ALL DUCT BANKS SHOWN WITH — — — — SYMBOL. UNDERGROUND ELECTRICAL AND TELECOMMUNICATIONS CONDUITS SHOWN WITH —UGE— AND —UGT— SYMBOLS SHALL BE CONSTRUCTED AS CONCRETE ENCASED DUCT BANKS WITH THE NUMBER OF CONDUITS INDICATED ON THE SITE UTILITY PLANS. SEE ELECTRICAL PLANS FOR DETAILS OF DUCT BANK CONSTRUCTION.

2. ELECTRICAL AND TELECOMMUNICATIONS DUCT BANK DIMENSIONS INDICATED ON THESE PLANS ARE SHOWN FOR UTILITY COORDINATION. THE ELECTRICAL SITE CONTRACTOR MAY ALTER THE DUCT BANK ARRANGEMENT PROVIDED THAT REQUIRED CLEARANCES FROM ADJACENT UTILITIES ARE MAINTAINED. SEE ELECTRICAL PLANS AND SPECIFICATIONS FOR SHOP DRAWING REQUIREMENTS FOR ELECTRICAL SITE WORK.

3. REFER TO SHEET C202 FOR STORM DRAINAGE AND SANITARY SEWER SCHEDULES. REFER TO SHEETS C305 THROUGH C308 FOR UTILITY PROFILES AND STRUCTURE STATION/OFFSET LOCATIONS.

4. SEE NOTE 10.

5. THE CONSTRUCTION OF ALL WATER MAINS, SERVICES, HYDRANTS, VALVES AND OTHER APPURTENANCES SHALL BE IN CONFORMANCE WITH PORTLAND WATER DISTRICT STANDARDS.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL SITE UTILITY DEMOLITION AND CONSTRUCTION WITH THE PROJECT PHASING AND LOGISTICS PLANS (BY OTHERS).

7. THE CONTRACTOR IS RESPONSIBLE FOR SCHEDULING AND COORDINATING ANY INTERRUPTION UTILITY SERVICE TO THE HOSPITAL WITH THE OWNER AND UTILITY COMPANIES. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 72 HOURS NOTICE PRIOR TO UTILITY SERVICE INTERRUPTION.

8. THE SITE CONTRACTOR SHALL FIELD VERIFY THE EXISTING UTILITY SERVICE CONNECTIONS TO PROPERTIES ABUTTING THE PROJECT SITE. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING UTILITY SERVICE TO ABUTTING PROPERTIES BY TEMPORARY OR PERMANENT MEANS THROUGHOUT THE CONSTRUCTION PERIOD.

9. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN, DETAILS AND INSTALLATION OF TEMPORARY EARTH RETENTION AND EXCAVATION SUPPORT (SHEET PILING, SOLDIER PILES AND LAGGING OR OTHER APPROVED SYSTEM) TO PROTECT EXISTING STRUCTURES FOUNDATIONS AND UTILITIES TO REMAIN. EXCAVATION SUPPORT SYSTEMS SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER, REGISTERED IN THE STATE OF MAINE. CONTRACTOR SHALL FURNISH, INSTALL MONITOR AND MAINTAIN EXCAVATION SUPPORT SYSTEMS CAPABLE OF SUPPORTING EXCAVATION SIDEWALKS AND OF RESISTING SOIL AND HYDROSTATIC PRESSURE AND SUPERIMPOSED CONSTRUCTION LOADS.

10. MECHANICAL PIPING IS SHOWN AT LOCATION REQUIRED FOR UTILITY COORDINATION. REFER TO MECHANICAL PLANS AND SPECIFICATION. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS OF THE MECHANICAL PIPING SYSTEM AS IN THE PROJECT SPECIFICATIONS.

11. THIS PLAN SHOWS PROPOSED SITE LIGHTING FIXTURES. CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING CONCRETE LIGHT POLE BASES AND ALL FIXTURES, CONDUIT AND WIRING, EXCEPT FOR BUILDING WALL MOUNTED FIXTURES. SEE ELECTRICAL PLANS BY OTHERS FOR SITE LIGHTING CONDUIT AND WIRING. SEE DETAIL (5/C601) FOR TYPICAL CONCRETE LIGHT POLE BASE. CONTRACTOR TO CONFIRM BASE DIMENSIONS AND DETAILS WITH ARCHITECTURAL PLANS BY OTHERS.

MARK	ISSUE DATE	DESCRIPTION
PERMIT	09/16/04	PERMIT SET
BID	08/31/04	BID SET

Issue Log

Key Plan

TRO
ARCHITECTURE
PLANNING
ENGINEERING
INTERIOR DESIGN

The Ritchie Organization
80 Bridge Street
Newton, MA 02458-1134
617-969-9400

Maine Medical Center
Pkg C - Site Utitlities
Portland, Maine MMC Project No. 21846

Drawing Title
UTILITY PLAN

0 10 20 40 80

Commission No.	4677	Date Issued	08/31/04
Scale	1"=20'	Sheet Number	PKG-C
Drawn By	MAL		
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