GENERAL NOTES:

1. LOCATION OF PROPOSED CONNECTIONS APPROXIMATE. CONTRACTOR TO CONTACT ENGINEER IF FIELD INFORMATION VARIES FROM INFORMATION ON PLANS.
2. CONTRACTOR IS CAUTIONED THAT CERTAIN LOCATIONS AND/OR ELEVATIONS OF EXISTING UTILITIES HAVE BEEN PROVIDED THROUGH UTILITY COORDINATION OR OTHER OBSERVATIONS. INFORMATION IS NOT TO BE RELIED UPON AS EXACT OR COMPLETE. CONTRACTOR TO FIELD VERIFY AND COORDINATE WITH UTILITY COMPANY AND DIG SAFE NO LESS THAN 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF ALL UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS INDICATED IN THE CONTRACT DOCUMENTS. CONTRACTOR TO NOTIFY ENGINEER OF ANY DIFFERENTIATIONS FROM EXISTING CONDITIONS, INCLUDING UTILITY SURVEY, PRIOR TO ANY CHANGES.
3. BEFORE CONSTRUCTION OR THE ORDERING OF STRUCTURES, CONTRACTOR SHALL TEST PIT AND CONFIRM WATER SERVICE ELEVATIONS. RESULTS TO BE SUBMITTED TO ENGINEER FOR REVIEW BEFORE ANY CONSTRUCTION. A MINIMUM OF 1' FACE TO FACE RADIAL SEPARATION MUST BE MAINTAINED BETWEEN SEWER AND WATER WITH THE ADDITIONAL REQUIREMENTS FOR CROSSING OF SEWER LINES OVER WATER LINES:
   - 3.1. ADEQUATE STRUCTURAL SUPPORT FOR SEWERS MUST BE PROVIDED TO PREVENT SETTLING OF SEWER LINE
   - 3.2. IF WATER LINE IS ADJUSTED OR REPLACED, ONE FULL LENGTH OF WATER LINE SHALL BE CENTERED AT THE POINT OF THE CROSSING SO THAT THE JOINTS SHALL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER
4. SEWER & STORMWATER UTILITIES: CONTRACTOR TO COORDINATE WITH THE DEPARTMENT OF PUBLIC WORKS FOR FINAL CONNECTIONS. UTILITIES TO BE CONSTRUCTED IN ACCORDANCE WITH CITY OF PORTLAND TECHNICAL STANDARDS. CONTACT ENGINEER IF FIELD CONDITIONS FROM INVERT VARY FROM DESIGN.
5. CONTRACTOR SHALL INSPECT 4" PVC PIPE AND CONFIRM THAT IT IS IN ADEQUATE CONDITION. IF PIPE IS IN POOR CONDITION, CONTRACTOR SHALL TRENCH TO SMH-3 AND REPLACE SEWER LINE. TEST PIT TO CONFIRM ELEVATIONS BEFORE ORDERING ANY STRUCTURES.

MINIMUM FACE TO FACE UTILITY SEPARATIONS

UTILITY	UGE/T/C	WATER	SEWER	GAS	STORMWATER
UGE/T/C	–	1' RADIAL 6' HORIZONTAL	1' RADIAL 5' HORIZONTAL	2' RADIAL 4' HORIZONTAL	1' RADIAL 6' HORIZONTAL
WATER	1' RADIAL 6' HORIZONTAL	–	1' RADIAL* 5' HORIZONTAL**	1' RADIAL 6' HORIZONTAL	6" RADIAL 3' HORIZONTAL
SEWER	1' RADIAL 5' HORIZONTAL	1' RADIAL* 5' HORIZONTAL**	–	1' RADIAL 5' HORIZONTAL	1' RADIAL 3' HORIZONTAL
GAS	2' RADIAL 4' HORIZONTAL	1' RADIAL 6' HORIZONTAL	1' RADIAL 5' HORIZONTAL	–	1' RADIAL 6' HORIZONTAL
STORMWATER	1' RADIAL 6' HORIZONTAL	6" RADIAL 3' HORIZONTAL	1' RADIAL 3' HORIZONTAL	1' RADIAL 6' HORIZONTAL	–

*SEE NOTE 3 FOR ADDITIONAL SEPARATION REQUIREMENTS
**ONLY PERMISSIBLE IF SEWER IS LAID MIN. 18" BELOW WATER; OTHERWISE 10' OF SEPARATION IS REQUIRED

EXISTING SEWER STRUCTURE SCHEDULE

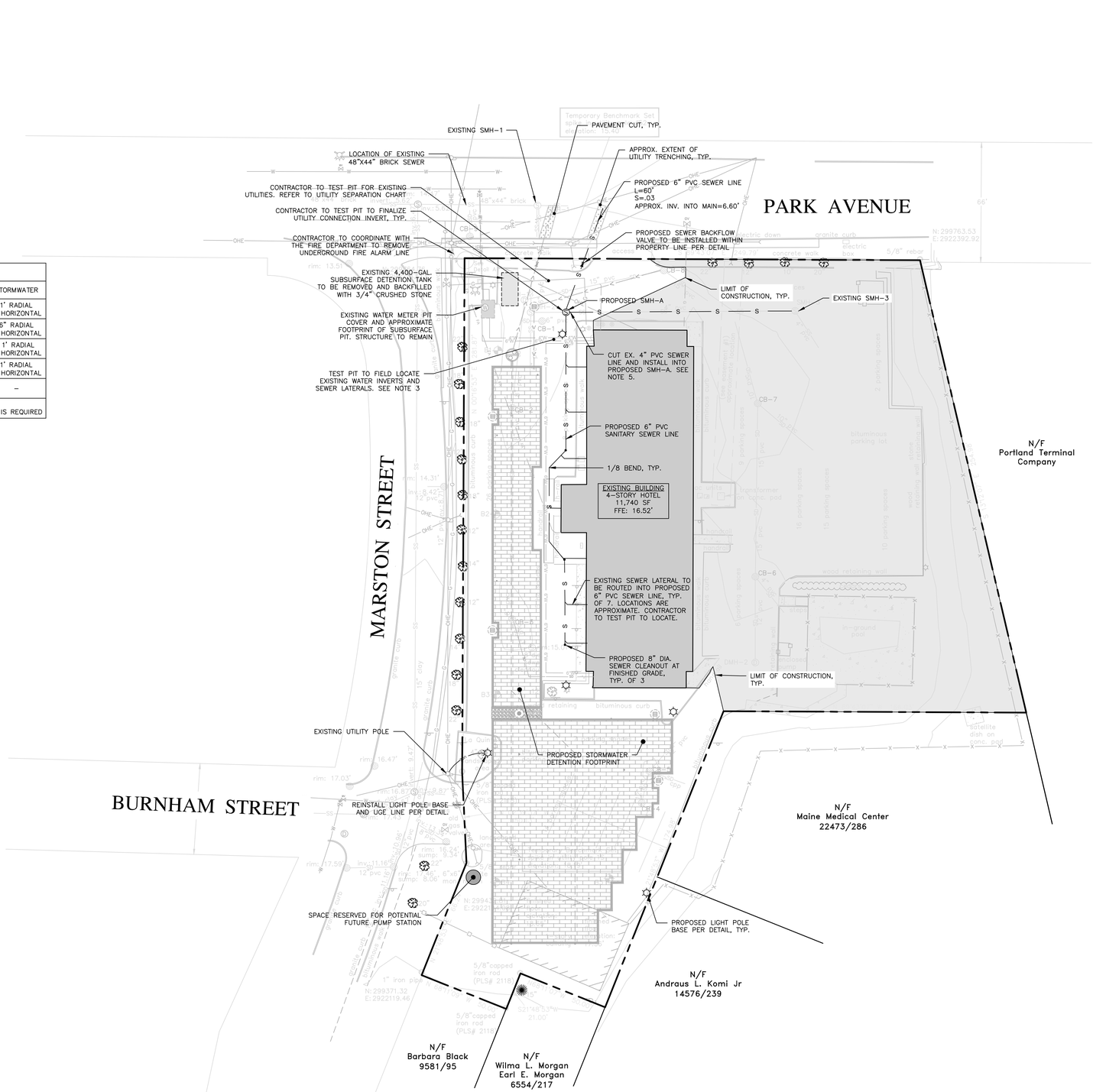
STRUCTURE	RIM	INV. IN	INV. OUT
SMH-1	14.83'	5.93' (15" PVC) 6.43' (8" PVC) 5.63' (BRICK MAIN)	5.61' (BRICK MAIN)
SMH-2	14.72'	8.82' (4" PVC) 8.82' (6" PVC)	8.72' (6" PVC)
SMH-3	15.33'	9.83' (4" PVC)	9.53' (4" PVC)

* EXISTING STRUCTURES AS DEFINED BY THE EXISTING CONDITIONS SURVEY DATED NOVEMBER 15TH, 2016 BY TITCOMB ASSOCIATES

PROPOSED SEWER STRUCTURE SCHEDULE

STRUCTURE	RIM	INV. IN	INV. OUT
SMH-A	15.15'	8.93' (4" PVC) 8.82' (6" PVC)	8.35' (6" PVC)

* INVERTS MAY VARY UPON TEST PITS OF SEWER AND WATER LINES



30 0 30 60
SCALE: 1" = 30'

PRELIMINARY
NOT ISSUED FOR CONSTRUCTION

ISSUED FOR	BY DATE
FINAL APP.	MTA 1/13/17
CITY COMMENTS	MTA 3/14/17

DRAWING NAME: UTILITY PLAN

PROJECT NAME: HOTEL RENOVATION & STORMWATER UPGRADES

CLIENT: LQ MANAGEMENT, LLC
909 HIDDEN RIDGE SUITE 600, IRVING, TEXAS 75038

ACORN ENGINEERING, INC.

ACORN ENGINEERING, INC.
158 DANFORTH STREET PORTLAND, MAINE 04102
(207) 775-2855

FILE:	5012_CIVIL
JN:	5012
SCALE:	1"=30'
DESIGNED BY:	SJL
DRAWN BY:	SJL
CHECKED BY:	MTA

STATE OF MAINE MARK T. ANDRETTI No. 9907 REGISTERED PROFESSIONAL ENGINEER

DRAWING NO.
C-20