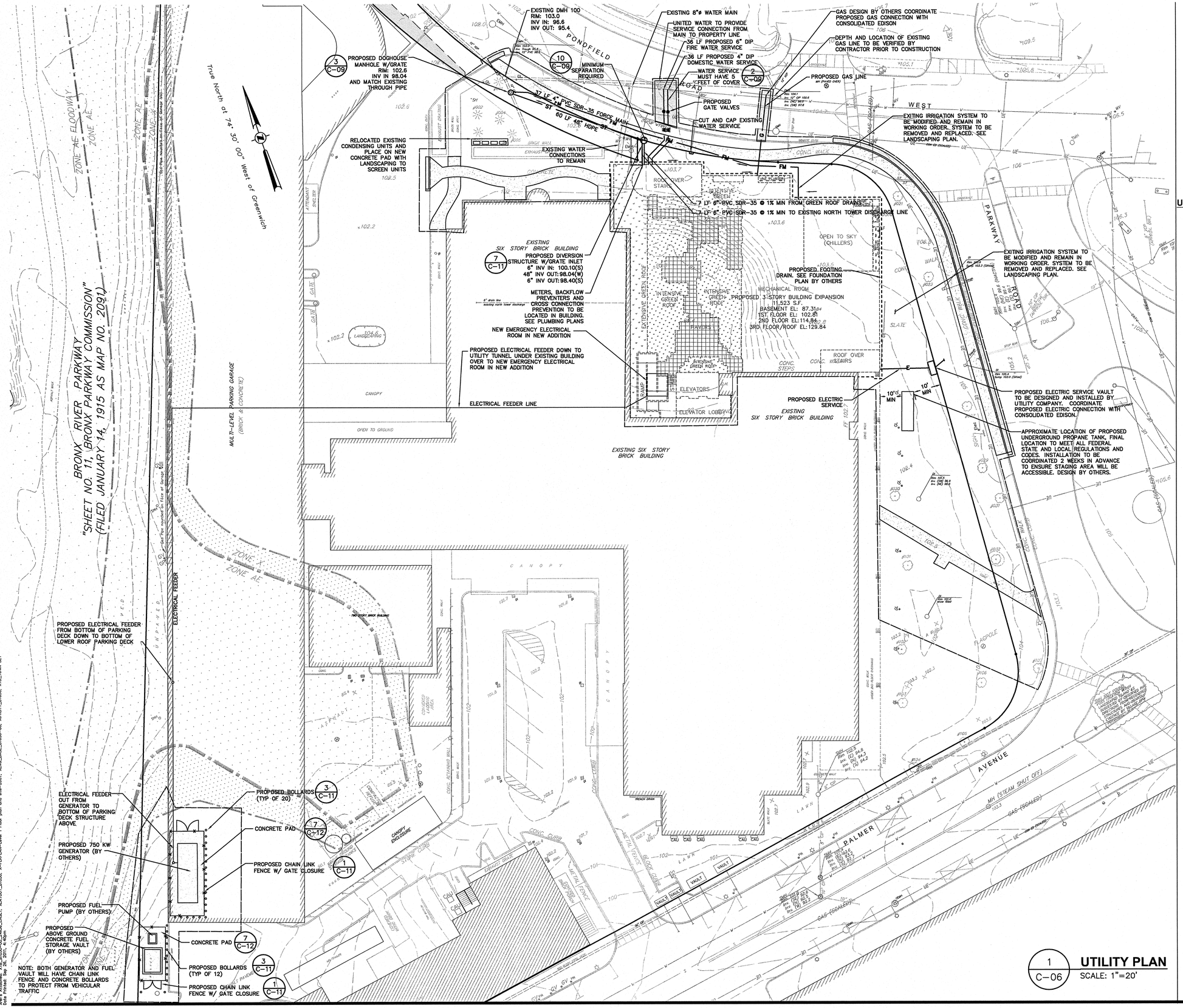

1 / C-06 **UTILITY PLAN**
SCALE: 1"=20'

UTILITY LEGEND:

	PROPOSED BUILDING
OHW	PROPOSED OVERHEAD WIRES
S	PROPOSED SANITARY SEWER LINE
FM	PROPOSED FORCE MAIN
W	PROPOSED WATER LINE
ST	PROPOSED STORM DRAIN LINE
T	PROPOSED TELEPHONE LINE
E	PROPOSED ELECTRIC LINE
G	PROPOSED GAS LINE
	PROPOSED CLEANOUT
	PROPOSED DRAINAGE MANHOLE
	PROPOSED GAS VALVE
	PROPOSED LIGHT WALL PACK

UTILITY PLAN NOTES:

GENERAL CONSTRUCTION:

1. ALL UNDERGROUND UTILITIES ARE SHOWN IN THEIR RELATIVE POSITION AND ARE FOR INFORMATIONAL PURPOSES ONLY. CONTRACTOR TO VERIFY THEIR ACTUAL LOCATION IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
2. ANY CONDITION ENCOUNTERED IN THE FIELD DIFFERING FROM THOSE SHOWN HEREON, SHALL BE REPORTED TO THE DESIGN ENGINEER BEFORE CONSTRUCTION IS TO PROCEED.
3. SEWER MAINS/STORMWATER IN RELATION TO WATER MAINS: WHERE POSSIBLE, WATER MAINS SHALL BE LAID AT LEAST 10 (TEN) FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED SEWER/STORMWATER. VERTICAL SEPARATION SHALL BE MAINTAINED TO PROVIDE 18 (EIGHTEEN) INCHES BETWEEN TOP OF SEWER/STORMWATER AND BOTTOM OF THE WATER MAIN AT UTILITY CROSSINGS. LOCATIONS WHERE 18 INCHES OF VERTICAL SEPARATION CANNOT BE PROVIDED BETWEEN THE SANITARY SEWER/STORMWATER AND WATER LINES, CONCRETE ENCASEMENT SHALL BE PROVIDED IN ACCORDANCE WITH WESTCHESTER COUNTY HEALTH DEPARTMENT REQUIREMENTS.
4. ALL PROPOSED UTILITIES SHALL TERMINATE 5 FEET FROM ANY PROPOSED BUILDING FACE. CONTRACTOR TO COORDINATE WITH BUILDING PLANS FOR ALL CONNECTIONS.
5. ALL STORM SEWER SHALL BE SMOOTH INTERIOR HDPE UNLESS OTHERWISE SPECIFIED.
6. ALL WATER PIPE SHALL BE CEMENT LINED CLASS 52 DUCTILE IRON PIPE UNLESS OTHERWISE SPECIFIED.
7. CONTRACTOR TO VERIFY STATUS OF ALL UTILITY SERVICES PRIOR TO INTERRUPTION.
8. EXPLORATORY EXCAVATIONS SHALL BE PERFORMED BY THE CONTRACTOR AT ALL UTILITY CONNECTION LOCATIONS AND AS NEEDED TO VERIFY EXISTING CONDITIONS PRIOR TO PERFORMING WORK.
9. BEFORE CONSTRUCTING LINES TO CONNECT TO EXISTING UTILITIES, VERIFY EXISTING UTILITY INVERTS AND NOTIFY THE ENGINEER IF ANY VARIATION FROM THE PLAN IS REQUIRED.
10. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING UTILITIES IN SERVICE FOR THE DURATION OF THE WORK.
11. THE CONTRACTOR SHALL COMPLY WITH ALL REQUIRED PERMITS AND ASSOCIATED CONDITIONS.
12. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING UTILITY TRENCHES AND EXCAVATIONS AND FOR THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF THE WORK.
13. IF ROCK REMOVAL BY BLASTING IS REQUIRED, THE CONTRACTOR SHALL OBTAIN ALL NECESSARY APPROVALS AND PERMITS REQUIRED BY THE VILLAGE OF BRONXVILLE.
14. DEPTH AND LOCATION OF EXISTING STEAM LINES TO BE VERIFIED PRIOR TO FINAL APPROVAL.
15. SIZE, DEPTH AND LOCATION OF EXISTING WATER MAIN TO BE VERIFIED PRIOR TO FINAL APPROVAL.
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL FIELD LAYOUT. THE CONTRACTOR SHALL TAKE TIES TO ALL UTILITY CONNECTIONS AND PROVIDE MARKED-UP AS BUILT PLANS FOR ALL UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS. AS-BUILT PLANS SHALL BE REVIEWED BY THE OWNER AND THE ENGINEER. THE CONTRACTOR SHALL PROVIDE ANY CORRECTION OR ADDITIONS TO THE SATISFACTION OF THE OWNER AND THE ENGINEER BEFORE UTILITIES WILL BE ACCEPTED.
17. THE SANITARY SEWER WASTE LINE FOR THE NEW BUILDING WILL TIE INTO THE EXISTING SANITARY SEWER WASTE LINE. SEE ARCHITECTURAL AND MECHANICAL PLANS.

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TCC PROJECT No: B1050.00
THE Chazen COMPANIES® Engineers/Surveyors Planners Environmental Scientists Landscape Architects

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LAWRENCE HOSPITAL CENTER
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55 PALMER AVENUE
BRONXVILLE, NY 10708

FOR PLANNING BOARD REVIEW

REVISIONS NO.	DATE	BY

PROJECT NO: 2009-09
DATE: 09/26/2011
DRAWN BY: SD/MM/GC
SHEET NO.
C-06

Drawing Name: X:\B1050\B1050.00 - Lawrence Hospital - LHS\Civil\Cad\Cad-Sm-PLAN_C-06_B1050_UTIL.dwg
Xref's Attached: XTB_B1050-00_ZAGB_C-05L1; XLAYOUT_B1050; X-FLRPLAN-Level 1 Floor plan and site-2007; XBNG_BASE_B1050-00; XUTILITY_B1050; XTB_TOWN SET
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