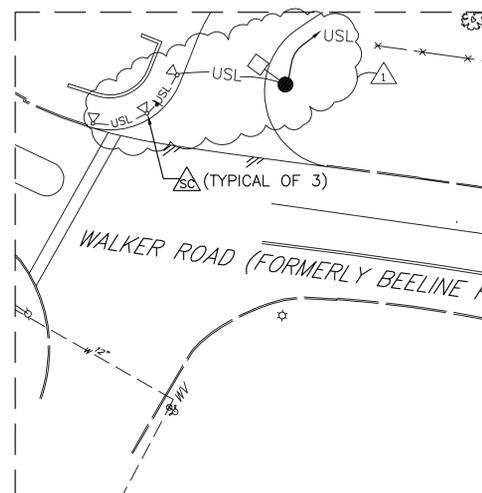


### ELECTRICAL LEGEND - EXTERIOR UNDERGROUND

- | SYMBOL          | DESCRIPTION  |
|-----------------|--|
| —               | UNDERGROUND DUCTBANK, CONCRETE ENCASED UON. MINIMUM 24" BELOW GRADE. DESCRIPTION AS INDICATED. |
| <b>TEXT KEY</b> |  |
| UC              | UNDERGROUND CONTROL/POWER  |
| UP              | UNDERGROUND PRIMARY  |
| UT              | UNDERGROUND TELEPHONE  |
| US              | UNDERGROUND SECONDARY  |
| ■               | PROPOSED LOCATION OF LOCAL POWER COMPANY PAD MOUNTED TRANSFORMER                               |
| □ HH            | HANDHOLE TYPE 5 UON. P INDICATES POWER, T INDICATES COMMUNICATIONS. SEE DETAIL SHEET E-103     |
| □ MH            | MANHOLE. P INDICATES POWER, T INDICATES COMMUNICATIONS. SEE DETAIL SHEET E-103                 |
| □ □             | AREA LIGHTING POLE WITH LUMINAIRE(S)   |
| — USL           | UNDERGROUND SITE LIGHTING, 2#8, 1#10G. - 2" PVC DB, UON  |
| □ J             | HANDHOLE TYPE 3, UON   |
| —               | CONDUIT SEAL OFF   |



**ELECTRICAL ENLARGED SITE PLAN**  
SCALE: 1" = 20'-0"

### ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"

#### NOTES:

- |  |  |
|--|--|
| <p>1 2-4" PVC CONCRETE ENCASED DUCTS WITH 3 PULLWIRES EACH DUCT, MINIMUM 24" BELOW GRADE FOR UNDERGROUND TELEPHONE SERVICE. CONNECT UNDERGROUND DUCT TO EXISTING TELEPHONE COMPANY MANHOLE IN ACCORDANCE WITH TELEPHONE COMPANY REQUIREMENTS. CUT AND PATCH PAVEMENT AS REQUIRED. COORDINATE WITH LOCAL TELEPHONE COMPANY. STUB UP CONDUITS INTO COMMUNICATIONS ROOM. COORDINATE EXACT LOCATION WITH OWNER.</p> <p>2 6-4" PVC CONCRETE ENCASED DUCTS WITH PULLWIRE FOR SECONDARY ELECTRIC SERVICE. STUB INTO ELECTRIC ROOM AND PAD MOUNTED TRANSFORMER. COORDINATE STUB UPS WITH OWNER AND LOCAL POWER COMPANY.</p> <p>3 2-6" GALVANIZED RIGID STEEL DUCTS WITH PULLWIRE FOR POWER COMPANY PRIMARY CABLING. JACK AND BORE CONDUITS UNDER ROADS. COORDINATE WITH LOCAL POWER COMPANY.</p> | <p>4 3-4" PVC CONCRETE ENCASED DUCTS WITH 3 PULLWIRES EACH DUCT, FOR EQUIPMENT CONNECTIONS.</p> <p>5 6-4" AND 1-2" PVC CONCRETE ENCASED DUCTS WITH PULLWIRE FOR EMERGENCY GENERATOR SERVICE. STUB INTO ELECTRIC ROOM AND GENERATOR PAD. COORDINATE STUB UPS WITH OWNER AND LOCAL POWER COMPANY.</p> <p>6 2-6" PVC CONCRETE ENCASED DUCTS WITH PULLWIRE.</p> <p>7 2-4" PVC DB CONDUITS WITH 3 PULLWIRES EACH DUCT, STUB UP INTO ELECTRIC ROOM AND GENERATOR PAD. COORDINATE WITH OWNER.</p> <p>8 CCTV CAMERA LOCATION</p> |
|--|--|

(THIS SHEET ONLY)

NOTE:  
CONDUITS UNDERGROUND SHALL  
SHALL HAVE A 24" MINIMUM COVER

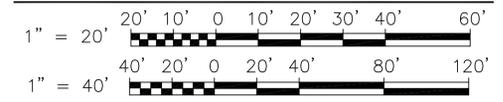
GENERAL NOTE:  
1. REFER TO RFP PARAGRAPH 4-18 FOR  
POWER, TELEPHONE AND CABLE TV SERVICE  
REQUIREMENTS.

### LIGHTING FIXTURE SCHEDULE

CONTRACT DRAWING FIXTURE MARK	TYPE	LAMP			FIXTURE VOLTAGE	ZONAL CAVITY METHOD RCR=1			SPACING TO MTG. HTG. RATIO	NOTE NO.	MOUNTING
		TYPE	NO.	WATTS		EFFECTIVE REFLECTANCE	COEF. OF UTIL.				
		CLG.	WALL	FLOOR							
SA	KSF2 250S R3	HPS	1	250	480	-	-	-	-	1,2,4	POLE
SB	KSF2 250S R4	HPS	1	250	480	-	-	-	-	1,3,4	POLE
SC	SEE DETAIL	MH	1	250	120	-	-	-	-		GRADE
SD	KSF2 250M R4	HPS	1	250	480	-	-	-	-	1,3,4	POLE

- NOTES:
- POLE MOUNT ON 25 FOOT ROUND ALUMINUM POLE. MOUNT POLE ON CONCRETE BASE.
  - TYPE III DISTRIBUTION
  - TYPE IV FORWARD THROW DISTRIBUTION.
  - PROVIDE QUANTITY OF FIXTURES PER POLE AS GRAPHICALLY INDICATED.
  - COORDINATE EXACT LOCATION WITH CONTRACTING OFFICER.

### GRAPHIC SCALES



NO.	DATE	DESCRIPTION
1	10/12/04	RFP COORDINATION

DESIGNED: GDA	CHECKED: GDA	DATE: 16-AUGUST-04
DRAWN: SCW	SUBMITTED: SCW	SCALE: AS SHOWN
PROJECT NO. PIN 33075	NORFOLK DISTRICT FILE NO.	
DRAWING NO.	SPECIFICATION NO.	
Task worked on: E-101	File name: 0317E101ES-401XXX	

CITY OF NEW YORK  
DEPT. OF ENVIRONMENTAL PROTECTION  
EAST OF HUDSON ADMINISTRATION BLDG.  
TOWN OF MOUNT PLEASANT  
ELECTRICAL SITE PLAN