GENERAL NOTES:

A. FOR UTILITY TRANSFORMER, TELEPHONE SERVICE, GAS, WATER, AND SANITARY SEWER LOCATIONS: REFER TO CIVIL PLANS. B. ALL ELECTRICAL W RING SHOWN ON THIS SHEET TO BE FED WITH #10 CU. MINIMUM U.N.O. VERIFY ACTUAL LENGTH WITH LOCAL CODE

GROUND CONDUCTOR. D. ALL UNDERGROUND CONDUIT ROUTING, SIZES AND

COORD NATE EXACT REQUIREMENTS WITH THE SERVING UTILITY E. ALL CONDUIT EXTENDED UNDER DRIVEWAYS OR AREAS OF VEHICULAR USAGE SHALL BE GALVANIZED HEAVY WALL STEEL CONDUIT OR SCHEDULE 80 PVC NONMETALLIC CONDUIT,

MINIMUM OF 36" BELOW GRADE OR PER UT LITY STANDARDS.

GROUNDING CONDUCTOR IS CONNECTED TO THE GROUND NG ELECTRODE WITH A APPROVED GROUND STRAP. ALL GROUNDING ELECTRIC CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL

METALLIC TUBING, RIGID HEAVY WALL CONDUIT. TYPICAL

KEYED NOTES:

1. 1-4" PRIMARY CONDUIT TO POWER COMPANY PO NT OF PRESENCE TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROV DE UNDERGROUND CONDUIT INSTALLATION, PER UTILITY STANDARD WITH NYLON PULL-STR NG. REFER TO ONE-LINE DIAGRAM. POWER COMPANY PRIMARY SERVICE. EXTEND CONDUIT TO NEW PAD MOUNTED TRANSFORMER T1 AND TERM NATE AS PER STANDARDS. REFER TO POWER ENTRANCE DIAGRAM FOR ADDITIONAL REQUIREMENTS. ELECTRICAL SHALL COORDINATE WITH POWER COMPANY ENGINEER FOR TRANSFORMER ACCESS AND FINAL CONNECTIONS. CONDUIT TO BE INSTALLED 36" BELOW F NISHED GRADE. CONDUITS TO BE ROUTED IN EASEMENT.

2. PROPOSED LOCATION FOR PAD MOUNTED POWER COMPANY TRANSFORMER T1. PROV DE APPROVED CONCRETE PAD AND GROUND NG, VERIFY EXACT LOCATION PER POWER COMPANY REQUIREMENTS. MA NTAIN 10'-0" FRONT CLEARANCE, 3'-0" CLEARANCE ON SIDES. INSTALLATION TO BE LOCALLY APPROVED FLECTRICAL SHALL PROVIDE SECONDARY SIDE CONNECTION TO TRANSFORMER. PROV DE PROPER GROUNDING PER POWER COMPANY REQUIREMENTS. SEE APPROVED TRANSFORMER PAD SPECIFICATIONS PROVIDED BY POWER COMPANY. PROV DE PROTECTIVE BALLARDS PER COMED STANDARDS.

3. ALL ASSOCIATED CONDUIT BENDS AT TRANSFORMER PAD FOR POWER COMPANY PRIMARY CABLES SHALL BE 4" DIA., 90 DEGREES, 36" MINIMUM RADIUS HOT GALVANIZED STEEL BENDS WITH GROUND NG BUSHINGS. TERMINATE PRIMARY AND SECONDARY CONDUITS FLUSH WITH TOP OF FOUNDATION. TOP OF FOUNDATION SHALL BE LEVEL.

4. SECONDARY CONDUIT AND FEEDER, REFER TO ONE-LINE DIAGRAM.

5. SERVICE ENTRANCE SECTION IN NEMA 3R ENCLOSURE. COORDINATE EXACT LOCATION WITH ARCHITECT, OWNER AND POWER COMPANY ENGINEER. MAINTAIN 3'-0" CLEARANCE IN FRONT OF SERVICE. REFER TO ONE-L NE DIAGRAM.

6. EXTERIOR RATED FOR SERVICE ENTRY A 120/208V, 3PH, 4W, 400A MAIN DISCONNECT ASSEMBLY WITH ASSOCIATED C/T CAB NET AND 400A MAIN DISCONNECT. REFER TO ONE-LINE DIAGRAM.

7. FURNISH AND NSTALL WALL MOUNTED LIGHTING FIXTURES AT +16'-6" ABOVE GRADE. REFER TO ARCHITECTURAL PANS FOR ELEVATIONS. PROV DE 2#12 W/ FULL SIZE GROUND TO PANEL MP23. REFER TO BU LD-OUT PLANS FOR ADDITIONAL INFORMATION.

8. PROV DE WP J-BOX FOR SITE LIGHTING FIXTURE. COORDINATE EXACT REQUIREMENTS WITH APPROVED VENDOR. EC SHALL F ELD COORDINATE THE INSTALLATION OF THE BASE WITH ALL UNDERGROUND CONDUITS AND ADJUST AS REQUIRED.

9. EXIST NG LOCATION OF UTILITY JOINT POLE POINT OF SERVICE. COORDINATE FINAL INSTALLATION WITH CIV L UNDERGROUND UTILITIES AND MAINTA N PROPER CLEARANCE. EC SHALL EXTEND NEW CONDUITS TO POLE LOCATION AND STUB UP WITH NYLON PULL STRINGS. PROVIDE SAW CUTTING AS

10. PROPOSED LOCATION FOR INTERIOR 24"X20" ATT TELEPHONE MAIN TERMINAL D-MARK BOX LOCATION. COORD NATE LOCATION INSTALLATION REQUIREMENTS WITH ATT ENGINEER FOR ADDITIONAL WORK REQUIRED BY ELECTRICAL CONTRACTOR. EC SHALL PROV DE REQUIRED ATT

11. 1- 2" UNDERGROUND CONDUIT WITH NYLON PULL-STRING TO TELEPHONE COMPANY POINT OF PRESENCE. ELECTRICAL SHALL PROVIDE 1- 2" CONDUIT FROM NEW INTERIOR D-MARK LOCATION AND TERMINATE INS DE OF BUILDING. EC SHALL EXTEND 1- 2" FROM ATT SERVICE TO NEW PEDESTAL LOCATION. VERIFY CONDUIT ELEVATION N F ELD.

12. NEW PROPOSED ATT TELEPHONE AND COMCAST PEDESTAL LOCATION WITH NEW UNDERGROUND PRIMARY SERVICE. EC SHALL EXTEND FEED THRU CONDUITS TO THIS LOCATION AND TURN UP. TRENCH AS REQUIRED. COORDINATE WITH ATT AND

13. CONDUITS TO BE ROUTED AND CAPPED WITH NYLON PULL-STRING. THE ENDS OF THE CONDUITS ARE TO BE CLEARLY MARKED ABOVE GRADE WITH A STAKE. ALL ELBOWS SHALL BE HW CONDUIT.

14. NEW GROUND MOUNTED SIGN FURNISHED AND INSTALLED BY OTHER. EC SHALL PROV DE NEW UNDERGROUND FEEDERS TO PANEL "MP". EXTEND CONDUIT AS REQUIRED FROM SIGN ACCESS LOCATION. EC SHALL PROV DE TRENCH NG AS REQUIRED FOR NSTALLATION. PROVIDE REQUIRED CONDUIT WITH FULL SIZE GROUND. PROVIDE GROUND ROD AT SIGN AND REQUIRED 120V.

15. 1-2" UNDERGROUND CONDUIT WITH NYLON PULL-STRING TO COMCAST FEED THRU COMPANY POINT OF PRESENCE. ELECTRICAL SHALL PROVIDE 1-2" CONDUIT FROM NEW INTERIOR D-MARK LOCATION AND TERM NATE NSIDE OF BULDING. EC SHALL EXTEND 1-2" CONDUIT FROM INTERIOR COMCAST SERVICE TO NEW PEDESTAL LOCATION. VERIFY CONDUIT ELEVATIONS IN

16. PROVIDE 1-2" UNDERGROUND CONDUIT FOR GAS SERVICE INSTALLED PER NICOR STANDARDS. EXTEND CONDUIT TO LANDSCAPE AREA AS SHOWN AND TURN UP ABOVE GRADE AND MAKE WATER TIGHT. PROVIDE NYLON PULL-STR NG.

17. REMOVE EXIST NG LIGHT POLE AND CONCRETE BASE. REMOVE ALL ASSOCIATED WIRE AND UNDERGROUND CONDUITS...

18. EXISTING UNDERGROUND COMED D RECT BUR ED ABANDONED SERVICE. EXISTING UNDERGROUND SERVICE SHALL BE REMOVED. COORDINATE WITH ON SITE SUPERVISOR. EXIST NG UNDERGROUND SERVICE SHOWN FOR REFERANCE, EC SHALL REFER TO ON SITE MARKINGS FOR EXACT LOCATION.

INSTALLATION NOTES:

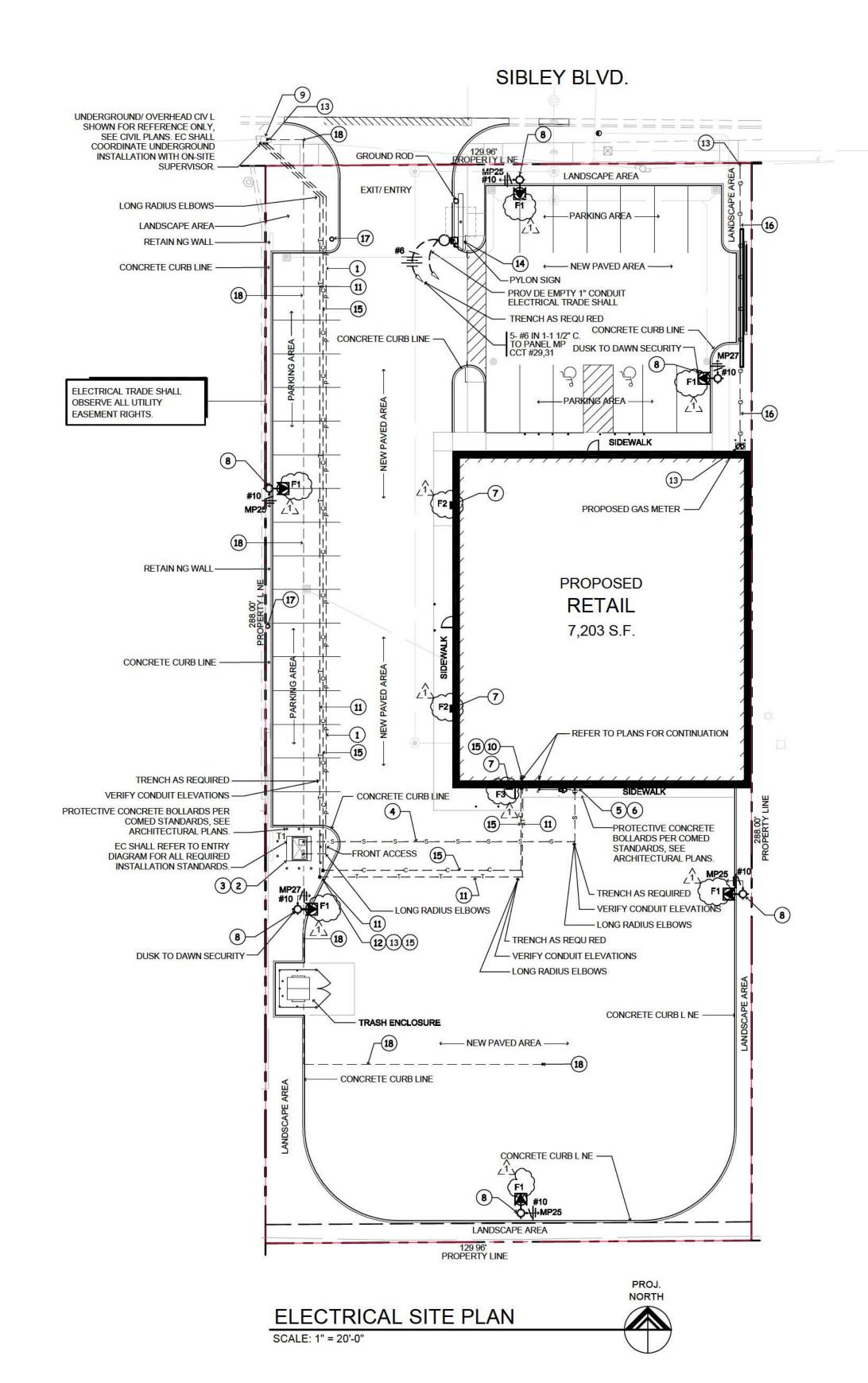
1. ELECTRICAL FAC LITIES SHALL BE INSTALLED PURSUANT TO SECTION OF THE CITY MUNIC PAL CODE. CONSTRUCTION FEE TO BE PAID BY THE LANDLORD.

2. A MIN MUM 5'-0" OF SEPARATION BETWEEN ELECTRICAL FACILITIES AND ANY FIRE HYDRANT, STORM DRAINS, STORM SEWERS, WATER

3. ELECTRICAL CONTRACTOR SHALL PROVIDE PVC CONDUITS FOR GROUND MONUMENT SIGNS AND LOT LIGHTING. APPROVAL OF PVC USAGE SHALL BE CONFIRMED WITH THE LOCAL OFFICIAL AND INSPECTORS DURING BIDDING. HW CONDUITS TO BE STUBBED UP TO EXIT OR ENTER J-BOXES. PROVIDE MINIMUM #12 CU GROUND IN ALL PVC PIP NG.

4. ELECTRICAL CONTRACTOR SHALL PROV DE AS PART OF THE BASE B D, VER FICATION OF ALL SITE UT LITY'S. ELECTRICAL CONTRACTOR SHALL VISIT THE SITE AND LOCATE THE EXIST NG UTILITY COMPANY POWER SOURCE AND TELEPHONE. EXTEND UT LITY'S TO NEW EXTERIOR BU LD NG METER SYSTEM.

5. ELECTRICAL CONTRACTOR SHALL COORD NATE WITH LOCAL CITY OFFICIALS, THE BU LD NG OWNER, COMED, TELEPHONE AND CABLE SERVICES FOR ANY EXISTING SERVICE RENOVATIONS REQUIRED HEREIN. BEFORE RENOVATION, NOT FICATION SHALL BE GIVEN TO



EXTERIOR LUMINAIRE SCHEDULE										RACHEL SONNENBERG 1-630-761-5010 NO SUBSTITUTES	
MARK	SYMBOL	MANUFACTURER	MODEL NUMBER	LAMPS PER FIXTURE					2000		
				TOTAL	HEADS	TYPE	WATTS	VOLTAGE	COLOR	MOUNT NG	REMARKS
F1		LSI INDUSTRIES	MRM-LED-18L-SIL-FT-40-UNV-70CRI-BRZ-IL	6	1	LED	150	120	DARK BRONZE	POLE MOUNT	NOTES 1,2,3,4,5
F2 }		LSI INDUSTRIES	XWM-3-LED-03L-40-UE-BRZ	2	1	LED	23	120	DARK BRONZE	WALL MOUNT	NOTES 1,5
F3		LSI INDUSTRIES	XWM-FT-LED-06L-40-UE-BRZ	1	1	LED	45	120	DARK BRONZE	WALL MOUNT	NOTES 1,5
1_1_											

LUMINAIRE SCHEDULE NOTES:

1. ELEC. SHALL FURNISH AND INSTALL ALL POLES, LUMINA RES AND LAMPS AS SPECIFIED.

2. ELEC. SHALL FURNISH AND INSTALL ALL CONCRETE POLE BASES AS NOTED.

3. ALL POLES AND LIGHT NG HEADS SHALL HAVE A SMOOTH FINISH.

4. ELEC. SHALL PROV DE ALL REQUIRED LIGHTING POLES AS MANUFACTURED BY LSI INDUSTRIES. POLE SHALL BE 5" SQUARE STRAIGHT STEEL. 25'-0" IN HEIGHT, #5SQB3-S11G-25-S-BRZ-LAB-5BC W/ARM MOUNT AS PER MFGR.

5. F NAL SITE LIGHTING FIXTURE/POLE LAYOUTS AND CONFIGURATIONS SHALL BE COORDINATED WITH LOCAL EXTERIOR LIGHT NG AND WIND LOAD NG REQUIREMENTS AND RESTRICTIONS.

/1/1/1/20

REVISIONS