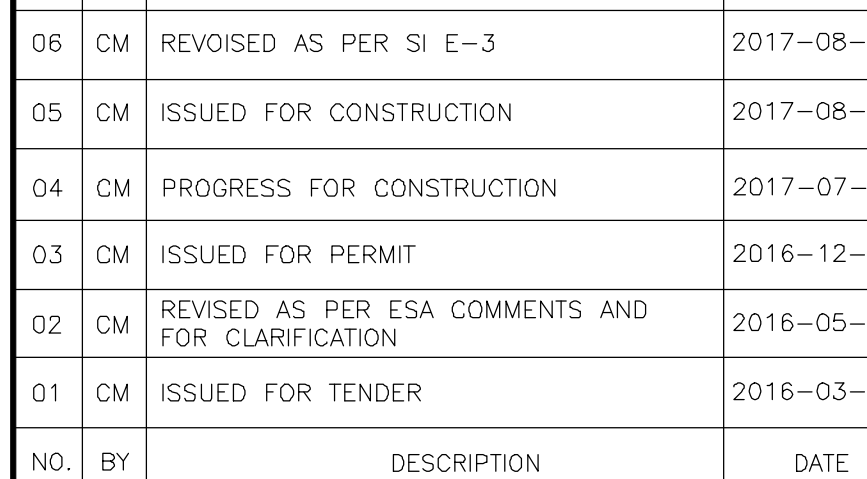
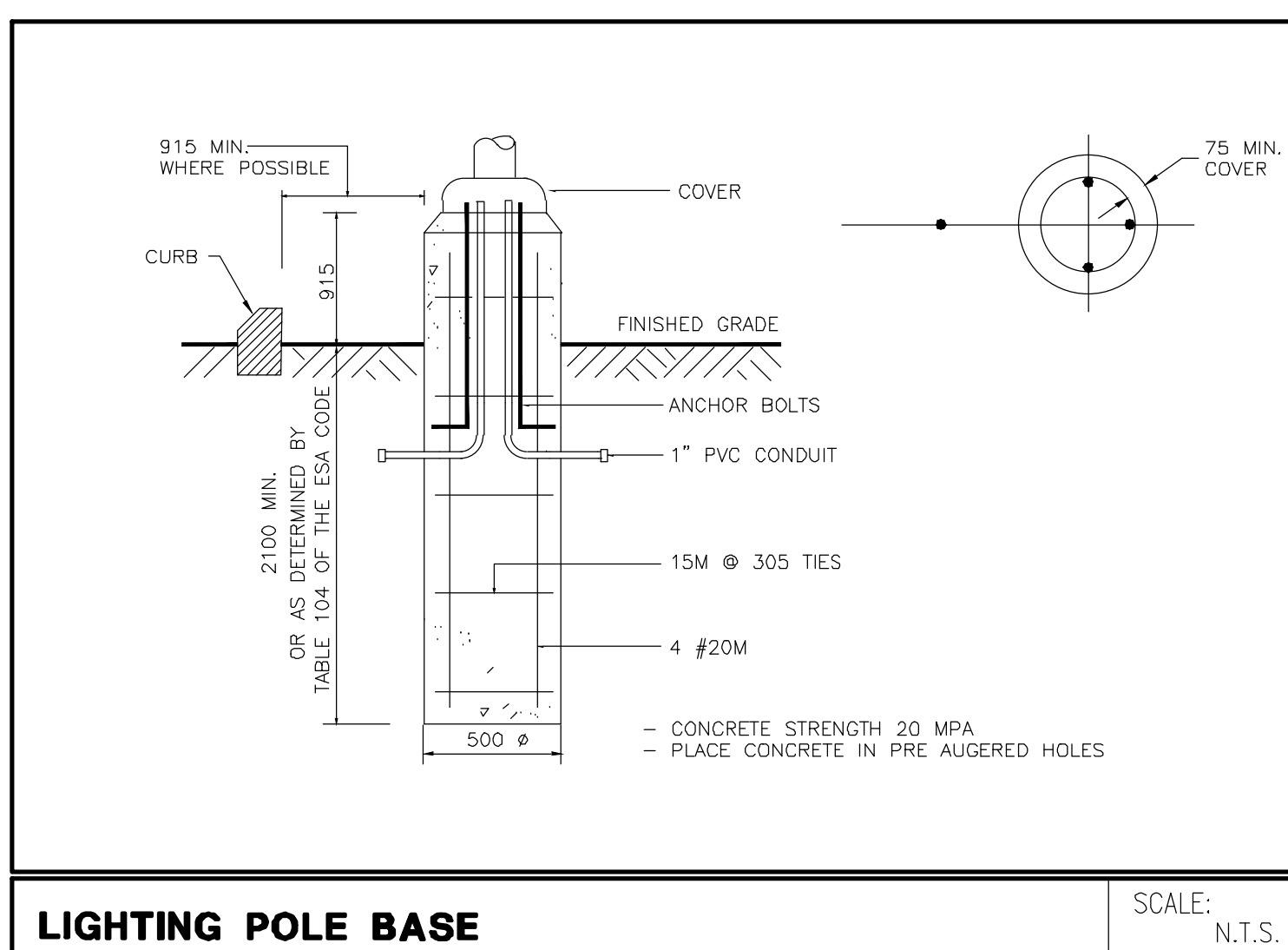


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|-------|--|
| ○ | CEILING OR WALL MOUNTED JUNCTION BOX |
| ○ | PHOTO ELECTRIC CELL |
| 1 1 1 | SINGLE POLE, SINGLE THROW TOGGLE SWITCH WITH ONE, TWO OR THREE COILS |
| 1 1 1 | THREE-WAY SWITCH |
| 1 1 | FOUR-WAY SWITCH |
| 1 | MANUAL TIME SWITCH WITH TIPOWNT AT (VARIOUS PERIODS, 30 MINUTES) EXCEPT AS NOTED |
| 1 | SWITCH WITH PILOT LIGHT |
| 10 | DIMMER SWITCH, 1500W RATED, PROVIDE DIMMING CONTROL FOR FLUORESCENT |
| 1v | LOW VOLTAGE SWITCH |
| 1v | 347V SWITCH |
| 1r | FAN SWITCH |
| 1x | KEY SWITCH |
| 1x | MASTER OPERATION SWITCH |
| 1 | WALL MOUNTED SENSORS FOR LIGHTING CONTROL |
| 1 | CEILING MOUNTED OCCUPANCY SENSORS |
| 1 | WALL MOUNTED OCCUPANCY SENSORS |
| 1 | DIRECT CONNECTION OUTLET AS NOTED |
| 1 | SINGLE PHASE MOTOR, HP (KW) AS NOTED |
| 1 | THREE PHASE MOTOR, HP (KW) AS NOTED |
| 2 | MANUAL MOTOR STARTER |
| 2 | MAGNETIC MOTOR STARTER |
| 2 | CONTACTOR OR STARTER |
| 2 | CONTACTOR OR STARTER |
| 2 | CONTACTOR MOTOR STARTER, SIZE AS NOTED |
| 2 | THERMOSTAT SUPPLIED BY OTHERS, INSTALLED BY DIV. 16 |
| 1 | WALL MOUNT THERMOSTAT C/W FIRE ALARM TROUBLE LINE, PROVIDED BY DIV. 16 |
| 1 | HUMIDISTAT SUPPLIED BY OTHERS, INSTALLED BY DIV. 16 |
| 1 | LOW VOLTAGE VALVE AND TRANSDUCER SUPPLIED BY OTHERS, INSTALLED BY DIV. 16 |
| 1 | FAN SPEED CONTROLLER SUPPLIED BY OTHERS, INSTALLED BY DIV. 16 |
| 1 | PUMP TRACING HEATING CABLE |
| 1 | DRUM DRY OR INSPECTION TEST ELECTRICALLY TRIGGERED |
| 1 | ELECTRIC HEATER PER SCHEDULE EL, HEATER IDENTIFIER (A TYPE, 1.0-KW) |
| 1 | TELEPHONE ZONE CONDUIT |
| 1 | WALL MOUNTED TELEPHONE OUTLET |
| 1 | FLOOR MOUNTED TELEPHONE OUTLET |
| 1 | WALL MOUNTED LOW TENSION OUTLET |
| 1 | WALL MOUNTED MICROPHONE OUTLET |
| 1 | WALL MOUNTED INTERCOM OUTLET |
| 1 | WALL MOUNTED EMERGENCY CALL SWITCH/INTERCOM |
| 1 | FLOOR MOUNTED LOW TENSION OUTLET |
| 1 | IN SUITE TELEPHONE/COMB DISTRIBUTION PANEL, 120V OUTLET INSIDE THE PANEL TO BE FED BY THE SUITE PANEL |
| 1 | WALL MOUNTED TELEVISION OUTLET |
| 1 | TV/TELEVISION IN SEPARATE BOXES AND FACETAPES (MULTI PORT) - FOR SOLE PURPOSE OF RECEIVING DATA MODEM WITH REMOTE/BELL PROVIDERS |
| 1 | WALL MOUNTED IN SUITE SECURITY PANEL |
| 1 | EMERGENCY OR SECURITY OPERATED MAGLOCK CARD READER |
| 1 | SECURITY DOOR MONITOR SWITCH |



DRAWN CM	CHECKED MG	SCALE 1:200
DATE SEPT. 2015	PROJECT 14-016	DRAWING E-1
		OF 12



1. ELECTRICAL DRAWINGS TO BE READ IN CONJUNCTION WITH THE ARCHITECTURAL, MECHANICAL, FIRE, PROTECTION, INTERIOR, DESIGN, LANDSCAPE AND STRUCTURAL DRAWINGS. CONTRACTOR TO ALLOW FOR ALL NECESSARY CONNECTIONS.
2. ALL SECURITY CONDUIT TO BE PROVIDED IN COORDINATION WITH SECURITY SUPPLIER
3. ALL WORK TO BE IN ACCORDANCE WITH HYDRO/ESA STANDARDS AND AS DIRECTED BY ON SITE INSPECTORS
4. ALL PENETRATES THRU CORE SLAB TO BE CO-ORDINATED IN ACCORDANCE WITH CODE AND MANUFACTURERS' INSTRUCTIONS.
5. FINAL DRAIN DIPS (LOGS) MUST BE SO-ORIENTED WITH THE MECHANICAL CONTRACTOR ON SITE.
6. ALL DRAIN DIPS TO BE ELECTRICALLY TRAPPED AND INSULATED. FUEL FROM PANEL 12".
7. FINAL EXPOSED -P TRAPS MUST BE CO-ORDINATED WITH MECHANICAL CONTRACTOR ON SITE.
8. ALL EXPOSED -P TRAPS TO BE 1/2" DIA. TRAP SNAKE AND SECURED. FUEL FROM PANEL 12".
9. ALL HEAT TRACING FOR HOT SPRINKLERS AND STANDPipes IS REQUIRED TO HAVE A SUPERVISORY SIGNAL TO FIRE ALARM SYSTEM CONTROL PANEL WHEN THERE IS A LOSS OF POWER.
10. COMPLETE NETWORKED GAS DETECTION AND CONTROL SYSTEM TO BE PROVIDED AND INSTALLED WHERE THE VENTILATION SYSTEM WILL BE USED TO REMOVE GAS FROM THE SPACE. (REFER TO C TO MONITOR SYSTEM TYPE INSTALLATION DETAIL FOR MORE INFORMATION).
11. PROVIDE LIGHT SWITCHES (WHICH IS ARE) INTERLOCKED WITH THE OPERATION OF THE EXHAUST FAN. PROVIDE MECHANICAL LIGHTS TO BE OPERATED BY REMOTE CONTROLS. OTHERWISE, PROVIDE 24HRS OPERATION FOR FANS, COORDINATE WITH DV. 15. PRIOR TO ROUGH-IN.
12. FOR SITE LIGHTING, OPERATIONAL PRACTICES TO BE WARE TO REDUCE LIGHT POLLUTION AND SPILL LIGHT. PROVIDE LIGHT FIXTURES TO BE 10' MIN. FROM WALLS AND 8' MIN. FROM CEILING.
13. PEDESTRIAN SCALED LIGHTING MUST BE DIRECTED DOWNWARD AND INCLUDES FIXTURES SUCH AS BOLLARDS OR LOWER SCALE FLOW FIXTURES ALONG PEDESTRIANS' ROUTES TO MINIMIZE LIGHT POLLUTION.
14. WHERE CLEARED HEIGHT EXCEEDS 15' FIXTURES ARE 10' MIN. STEM OR CHAIN HUNG TO A HEIGHT OF 12' AFF. TO CEILING. LIGHT FIXTURES TO BE 10' MIN. FROM WALLS AND 8' MIN. FROM CEILING.
15. OCCUPANCY-BASED LIGHTING CONTROL DEVICES THRU LIGHTS OFF WITHIN 30 MINUTES OF ALL OCCUPANTS LEAVING THE SPACE OR A SIGNAL FROM CONTROL UNIT.
16. ALL OCCUPANCY SENSOR INPUTS TO BE PROVIDED BY CONTRACTOR RECOMMENDATION. PROVIDE ON/OFF/AUTO FOR ALL SWITCHES WHERE OCCUPANCY SENSORS ARE USED.
17. EXIT SIGNS TO BE 5W OR LESS PER FACE.
18. REFER TO SUE PANEL SCHEDULE FOR IN SITE CIRCUITRY ARRANGEMENT.
19. COORDINATE LOCATION OF SUE ELECTRICAL, C/I AND SECURITY PANELS WITH ARCHITECTURAL DRAWINGS.
20. ALL INBELLING UNIT RECEPTACLES, INCLUDING KITCHEN COUNTER RECEPTACLES, OF CSA CONFIGURATION TO BE PROVIDED FOR ALL WORK. AS WELL AS TAMPER RESISTANT RECEPTACS TO BE IN EXCEPTION OF RECEPTACLES DESIGNATED FOR STATIONARY APPLIANCES SUCH THAT THE RECEPTACLE IS REDEFINABLE, INACCESSIBLE, OR THOSE LOCATED AT LEAST 6" FROM FLOOR OR CEILING.
21. AT LEAST ONE RECEPTACLE SHALL BE INSTALLED FOR THE MAINTENANCE OF ROOFTOP HVAC EQUIPMENT AS REQUIRED BY RULE 2-314 AND SHALL BE LOCATED WITHIN 7.5m of ALL SUCH EQUIPMENT AND COMPLY WITH RECEPTACLE TYPE AND LOCATION OF 2-6-104 AND 2-6-105.
22. WHERE EXPOSED TO THE WEATHER, RECEPTACLES SHALL BE PROVIDED WITH COVER PLATES SUITABLE FOR WEATHER LOCATIONS WHETHER OR NOT A PLUG IS INSERTED INTO THE RECEPTACLE (IN-USE COVER PLATES). RUSH TO SITE.
23. EACH BRANCH CIRCUIT SUPPLYING 120V RECEPTACLES, RATED 20A OR LESS, SHALL BE PROTECTED BY A 20 AMP CIRCUIT BREAKER (C/B) OR 25 AMP CIRCUIT BREAKER (C/B) WITH A 75% LOAD FACTOR. (C/B SHALL BE BRANCH CIRCUITS IN KITCHEN COUNTER (FOR PERSON WITH DISABILITIES) BATHROOMS, WASHROOMS (PROVIDED THAT NO OTHER RECEPTACLES ARE CONNECTED TO THESE CIRCUITS).
24. RIDGE, CHIMNEY, CHIMNEY, CHIMNEY AND PENINSULA
25. FLOOR OUTLET BOXES SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE TYPE OF FLOOR INSTALLED.
26. CONFER VOLTAGE AND SUPPLY OF THERMOSTATS JANUARY WITH MECHANICAL DRAWINGS. COORDINATE ON DRAWING.
27. LOW VOLTAGE DRY TYPE TRANSFORMERS TO BE COOLED TO 100% NOMINAL EFFICIENCY REQUIRED BY ASHRAE 90.1

PANEL IDENTIF: A		SERVICE: 208Y/120V, 3Ø, 4W				NOTES:	
		MAIN CCK BRK: -					
		MAINS: 125 AMPS					
		MOUNTING: SURFACE					
LOAD DESCRIPTION		WATTS	BRK	CIRCUITS	BRK	WATTS	LOAD DESCRIPTION
EXTERIOR LIGHTING (15T)		800	1A	1	2	15A	640
EXTERIOR LIGHTING (15T)		400	15A	3	1	15A	480
EXTERIOR LIGHTING (15T)		600	15A	5	1	15A	
SPARE		15A	7	8	15A		SPARE
		15A	9	10	15A		
		15A	11	12	15A		
		15A	12	14	15A		
		15A	15	16	15A		
		15A	17	18	15A		
SPACE			19	20			SPACE
			21	22			
			23	24			
			25	26			
			27	28			
			29	30			

- NOTE:
THIS LEGEND IS GENERIC. ALL SYMBOLS LISTED MAY NOT BE APPLICABLE FOR THIS PROJECT. REFER TO FLOOR PLANS TO DETERMINE USED DEVICES AND EQUIPMENT.