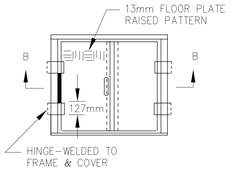
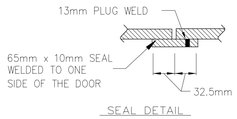
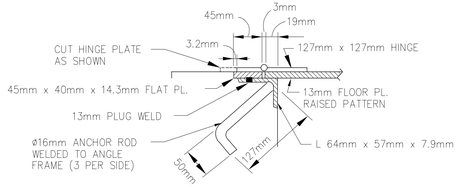
REVISIONS				
SYM	DESCRIPTION	PREPARED BY	DATE	APPROVED



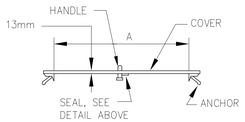
PLAN OF COVER



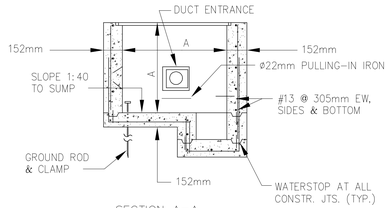
SEAL DETAIL



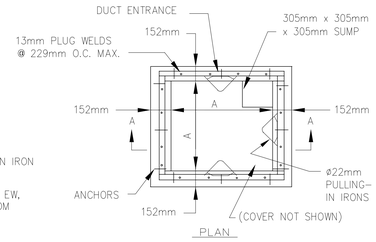
SECTION OF FRAME



SECTION B–B



SECTION A–A



PLAN

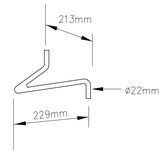
NOTES:

1. FOR DETAILS OF CABLE RACKS, DUCT ENTRANCE AND PULLING–IN IRONS, SEE DETAILS THIS SHEET

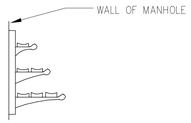
HANDHOLE	DIMENSIONS
TYPE	A
1	914mm

STANDARD ELECTRICAL HANDHOLE (HH-C1, HH-C2 & HH-C3)

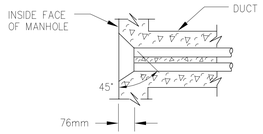
NOT TO SCALE



DETAIL OF PULLING–IN IRON



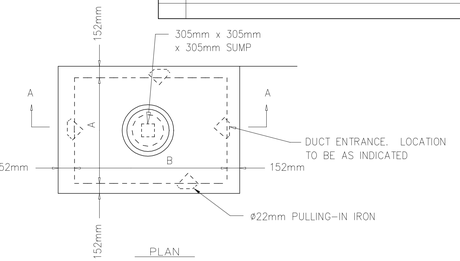
TYPICAL CABLE RACK



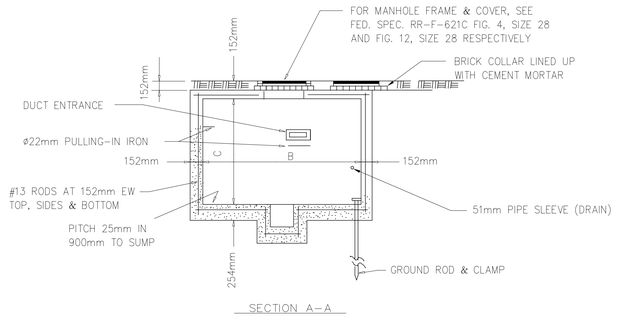
TYPICAL DUCT ENTRANCE

DETAILS - PULLING-IN IRONS, CABLE RACK & DUCT ENTRANCE

NOT TO SCALE



PLAN

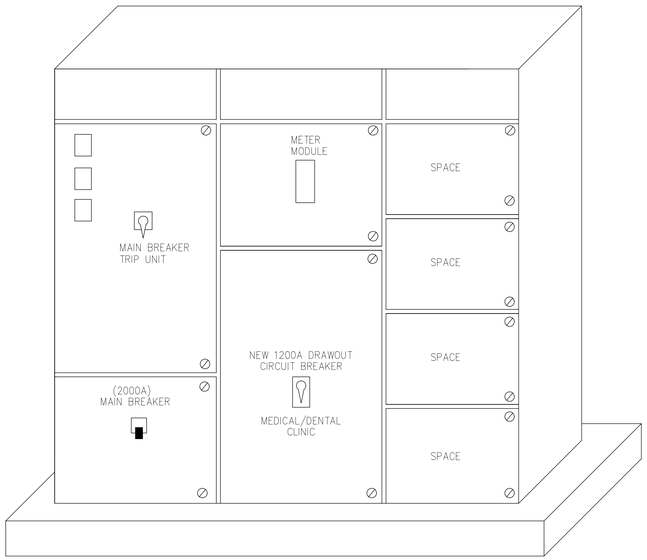


SECTION A–A

MANHOLE DIMENSIONS			
TYPE	A	B	C
1	1829mm	2438mm	1981mm

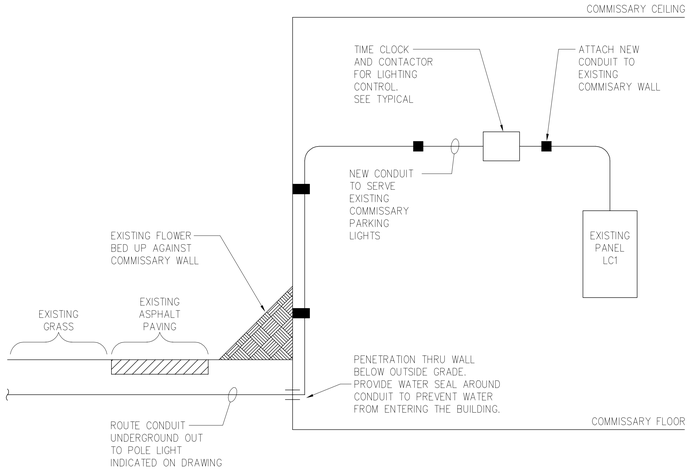
STANDARD ELECTRICAL MANHOLE (NONTRAFFIC) TYPE 1 (MH-C1)

NOT TO SCALE



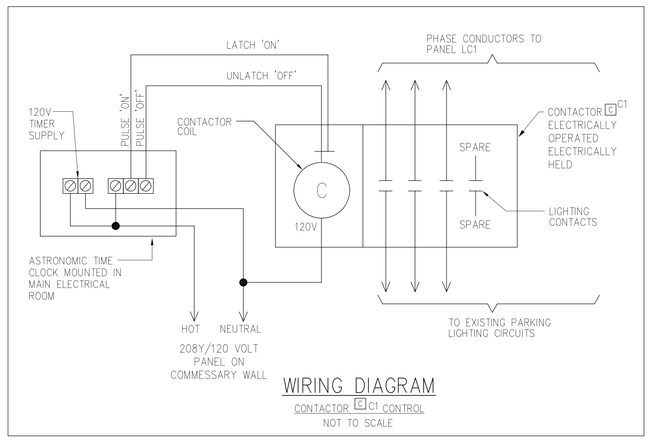
ELEVATION FINAL SUBSTATION NO. 2 SWITCHBOARD

NO SCALE



DETAIL SECTION A-A THRU COMMISARY

NO SCALE



WIRING DIAGRAM

CONTACTOR C1 CONTROL

NOT TO SCALE

SPECIFICATIONS:

1. 2 CHANNEL DIGITAL ASTRONOMICAL TIME SWITCH.
2. CONTROLLER SHALL PROGRAM IN AM/PM FORMAT.
3. CONTROLLER SHALL PROGRAM IN ONE MINUTE RESOLUTION.
4. DISPLAY SHALL BE OF LCD TYPE.
5. CONTROLLER SHALL BE CAPABLE OF 99 SET POINTS; SEPARATE SCHEDULING FOR EACH DAY OF THE WEEK.
6. CONTROLLER SHALL HAVE 365 DAY HOLIDAY CAPABILITIES WITH SINGLE DATES AND 4 SEASONS OF UNLIMITED DURATION.
7. DIFFERENT DAILY SCHEDULES SHALL BE PROGRAMMABLE WITHIN EACH SEASON.
8. CONTROLLER SHALL HAVE DAYLIGHT SAVING OR STANDARD TIME.
9. CONTROLLER SHALL AUTOMATIC LEAP YEAR CORRECTION.
10. SCHEDULES SHALL BE RETAINED FOR 40 YEARS WITHOUT POWER.
11. CONTROLLER SHALL HAVE 30 DAY BACKUP FOR REALTIME USING FIELD REPLACEABLE 9V LITHIUM BATTERY.
12. CONTROLLER SHALL BE CAPABLE OF MANUAL OVERRIDE ON OR OFF TO THE NEXT SCHEDULED EVENT USING 1 BUTTON FOR EACH CHANNEL.
13. UNIT SHALL HAVE NEMA TYPE 3 INDOOR/OUTDOOR ENCLOSURE AS STANDARD.
14. CONTROLLER SHALL BE CAPABLE OF 2 INDEPENDENT MOMENTARY OUTPUTS – ON AND OFF FOR EACH CHANNEL.

IF SHEET IS LESS THAN 28"X42", IT IS A REDUCED PRINT. SCALE REDUCED ACCORDINGLY.

ES2-2

[redacted]

MEDICAL/DENTAL CLINIC [redacted]

STANDARD ELECTRICAL MANHOLE DETAILS AND FINAL SWITCHGEAR ELEVATION

SIZE	CODE IDENT. NO.	[redacted] DRAWING NO.
F	XXXXX	8144762
		CONST. CONTR. NO. [redacted]
SCALE: AS SHOWN		SPEC. 11996048 SHEET 257 OF 316