

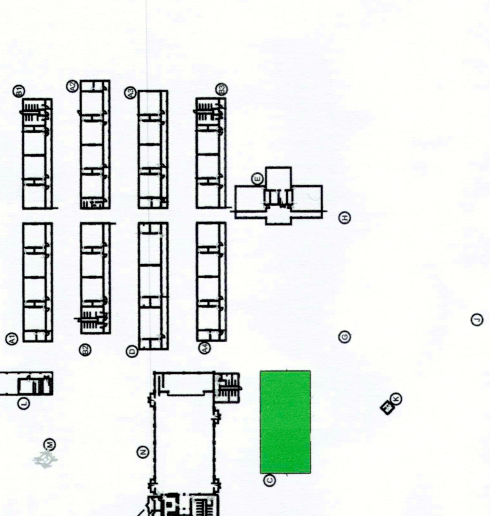
DISCLAIMER

- * ALL DIMENSIONS TO BE CHECKED ON SITE BEFORE ANY WORK COMMENCES.
- * CONTRACTOR TO COMPLY TO SANS 10142 AND OTHER RELEVANT STANDARDS.
- * ANY DISCREPANCY ON THIS DRAWING MUST BE REPORTED TO THE DESIGNER & RESOLVED BEFORE BUILDING CONTINUES.
- * CONTRACTOR TO BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE LOCAL AUTHORITY.
- * SPECIAL COLLATERAL INCIDENTS OF CONSTRUCTIONAL DAMAGES INCURRED BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- * COPYRIGHT RESERVED

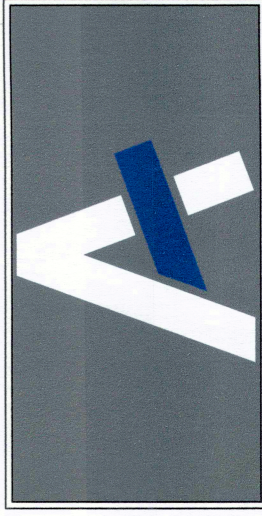
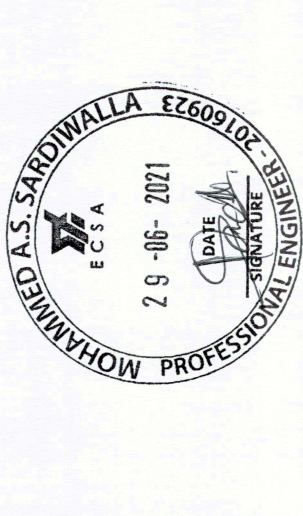
REVISION TABLE			
REV	DESCRIPTION	DATE	ISSUED
0	ISSUED FOR TENDER	2021-06-15	MS

NOTES:

1. All installations are required to comply with SANS 10142-1
2. All clarifications are required to be directed to the Engineer
3. All components are to be SABS approved.
4. All materials used are to have a life expectancy of at least 30,000h.
5. Colour Rendering Index (CRI) of greater than 80
6. Colour Temperature of 4000K to be used
7. All components are to be SABS approved.
8. Engineer to approve fitting prior to ordering



AGC CONSULTING
Department of Public Works & Infrastructure
07-07-2021
Employee: J. George
Signature: [Signature]



AGC CONSULTING
info@agcconsulting.co.za

CLIENT: FREE STATE DEPARTMENT OF PUBLIC WORKS AND INFRASTRUCTURE
PROJECT: DOME PRIMARY SCHOOL PAFS
TITLE: GRADE R BLOCK (G) LIGHTING AND POWER LAYOUT
STATUS: FOR TENDER
DRAWN (CHECKED) REVISION: 0
BY: MS
SCALE: A1
PROJECT NO: 18006
DRAWING NO: 18006-EE-C
DATE: 2021-06-15

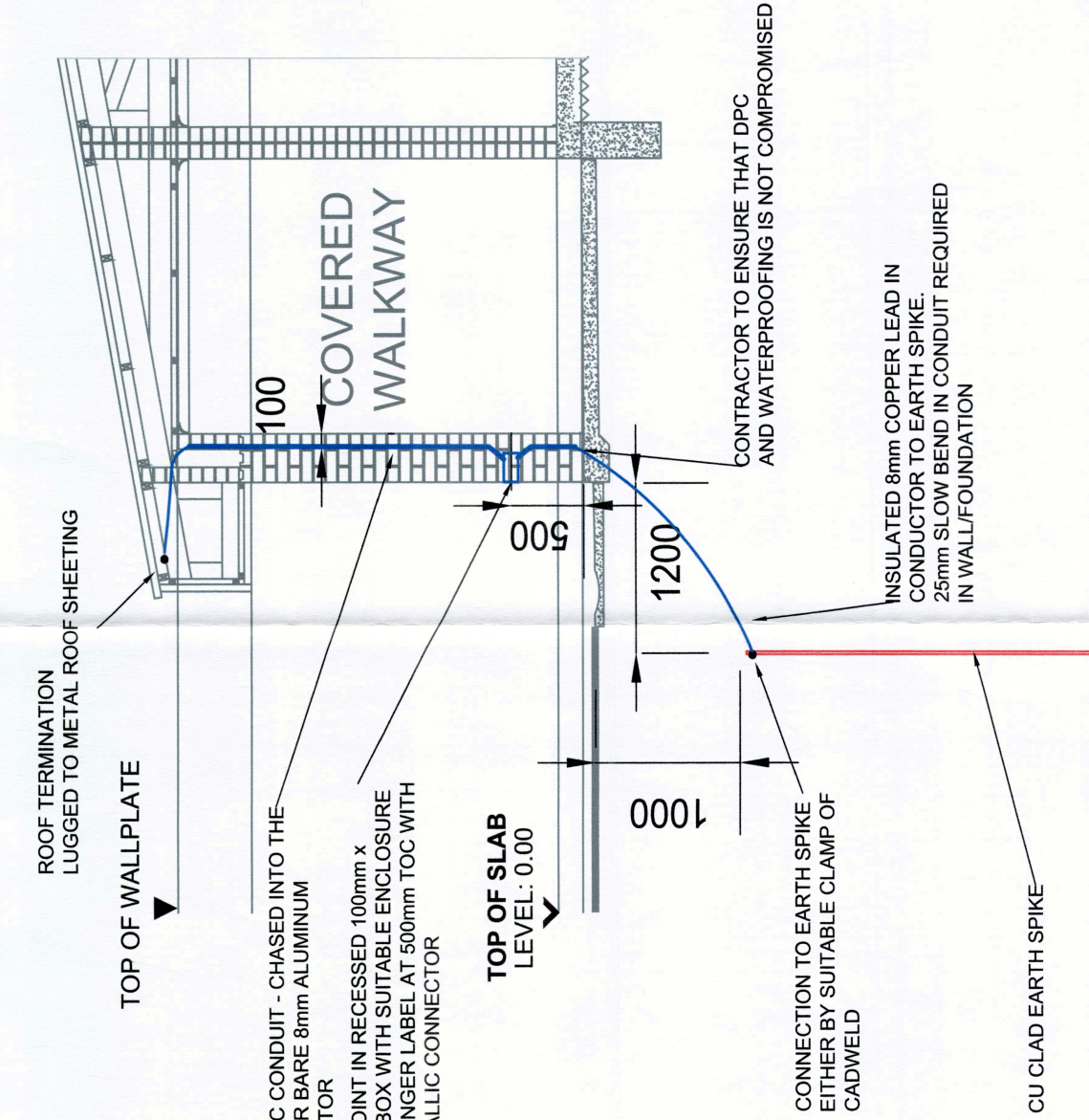
LIGHTING LUX LEVELS		
NO	AREA DESCRIPTION	LUX LEVEL (CALCULATED)
1	CLASSROOM	300
2	GENERAL	200
3	CHALKBOARD	100
4	STORE	100

SYMBOL	QUANTITY	DESCRIPTION
12	12	5 FT SINGLE 3W LED 1000mm PRISMATIC FITTING
18	18	4 FT DOUBLE 3W LED 1000mm PRISMATIC FITTING
21	21	EXTENSOR BLANKHEAD 2 X 3W LED
4	4	1000mm 1W LED 1000mm TOC
5	5	1000mm 1W LED 1000mm TOC
7	1	PHOTO-ELECTRIC DAY/NIGHT SENSOR

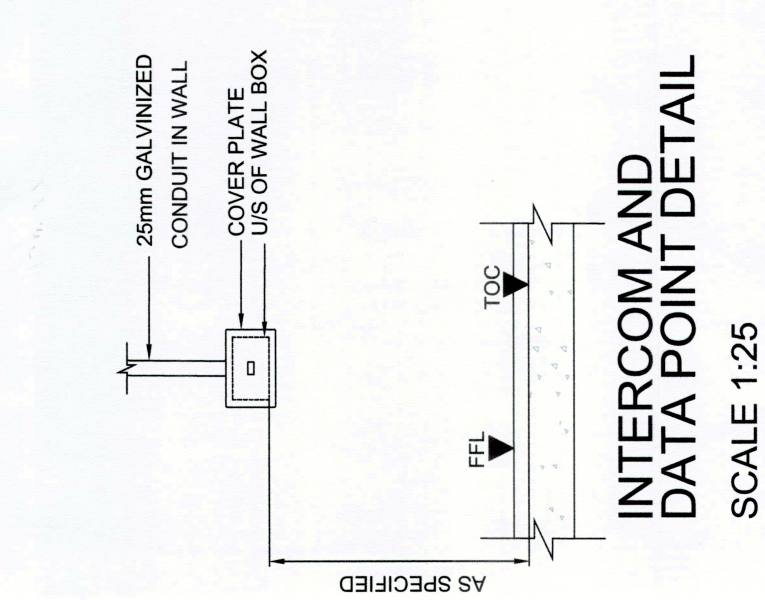
SYMBOL	QUANTITY	DESCRIPTION
1	1	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
2	2	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
3	3	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
4	4	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
5	5	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
6	6	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
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9	9	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
10	10	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
11	11	1 X SINGLE AND 1 X DAMPING SOCKET OUTLET AT 100mm TOC
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GRADE R CLASSROOMS LIGHTING LAYOUT SCALE 1:150

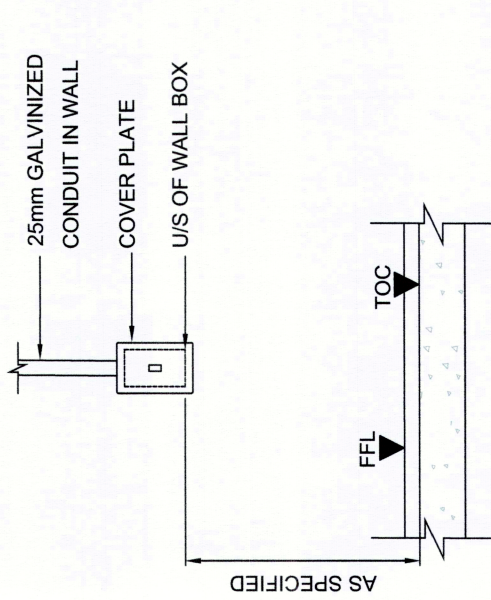
GRADE R CLASSROOMS POWER LAYOUT SCALE 1:150



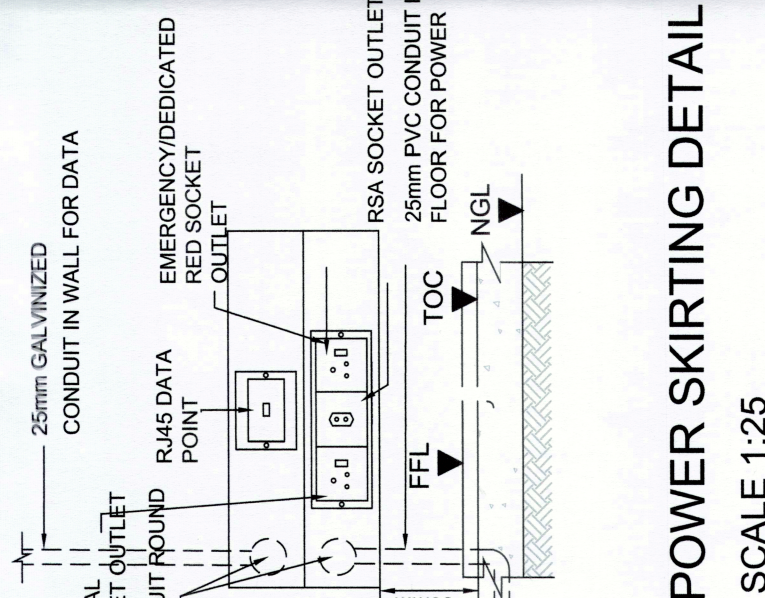
TYPICAL LIGHTNING PROTECTION CONSTRUCTION DETAIL SCALE 1:20



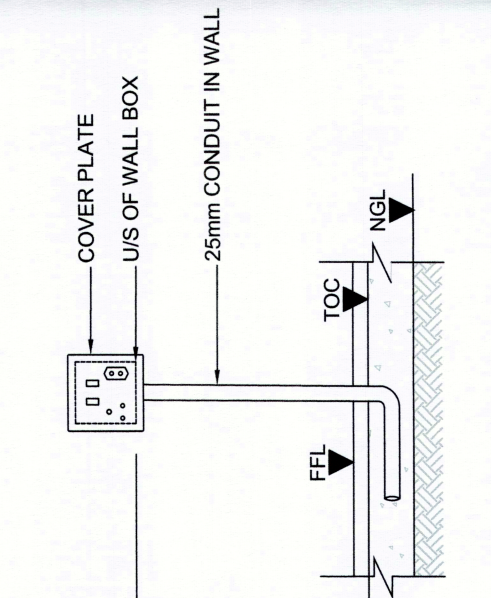
INTERCOM AND DATA POINT DETAIL SCALE 1:25



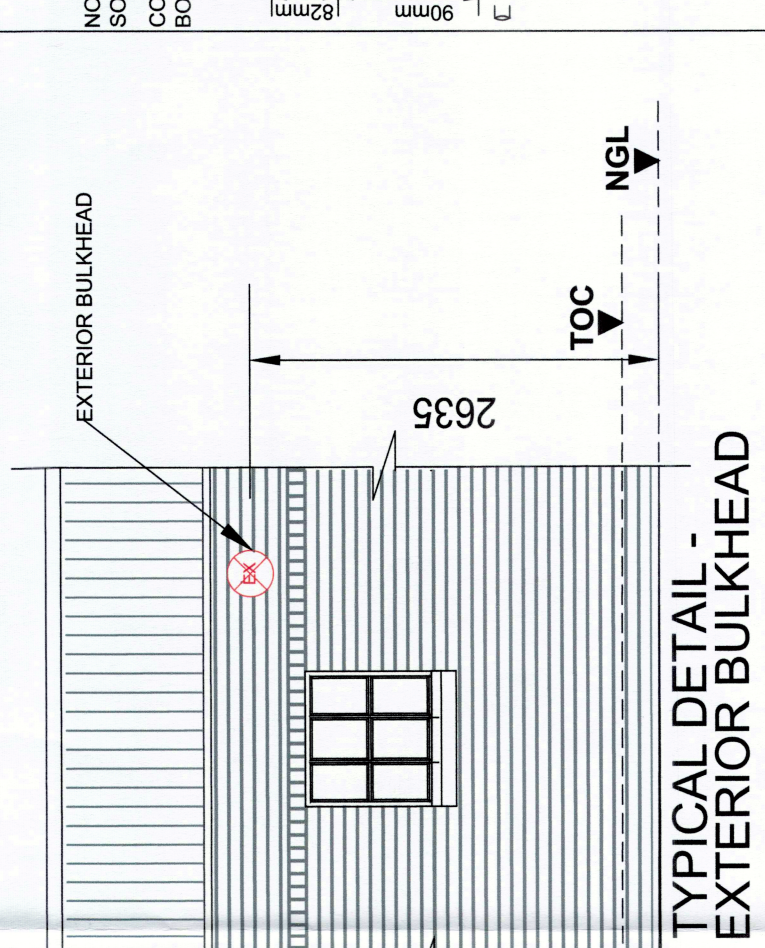
LIGHT SWITCH DETAIL SCALE 1:25



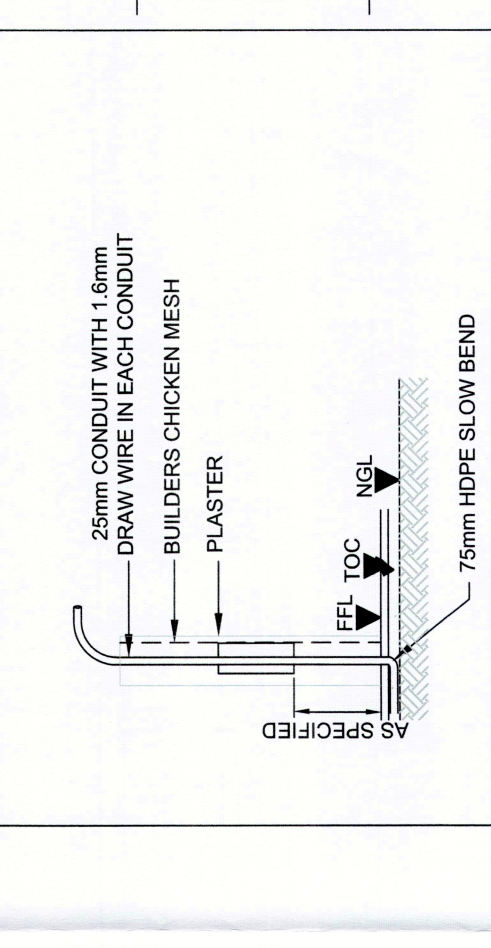
POWER SKIRTING DETAIL SCALE 1:25



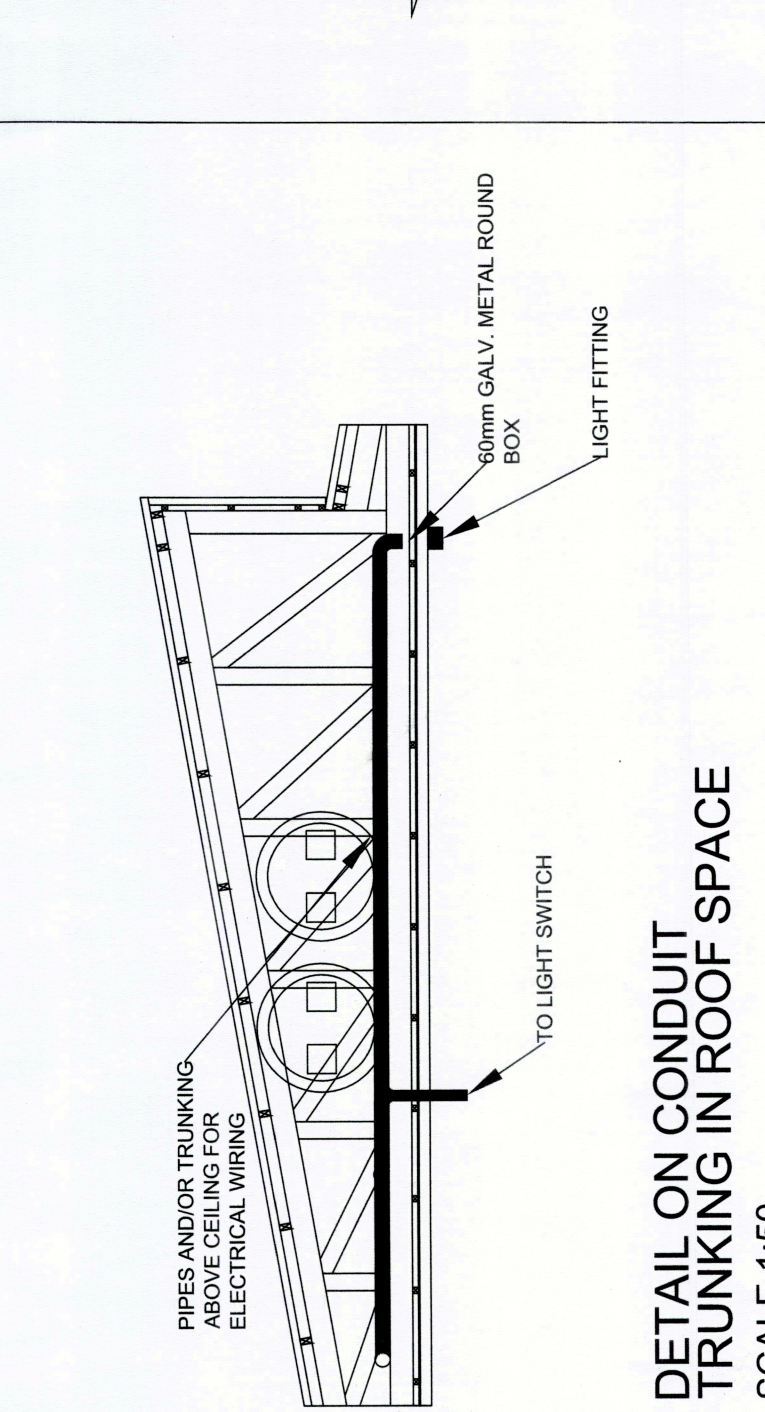
SOCKET OUTLET DETAIL SCALE 1:25



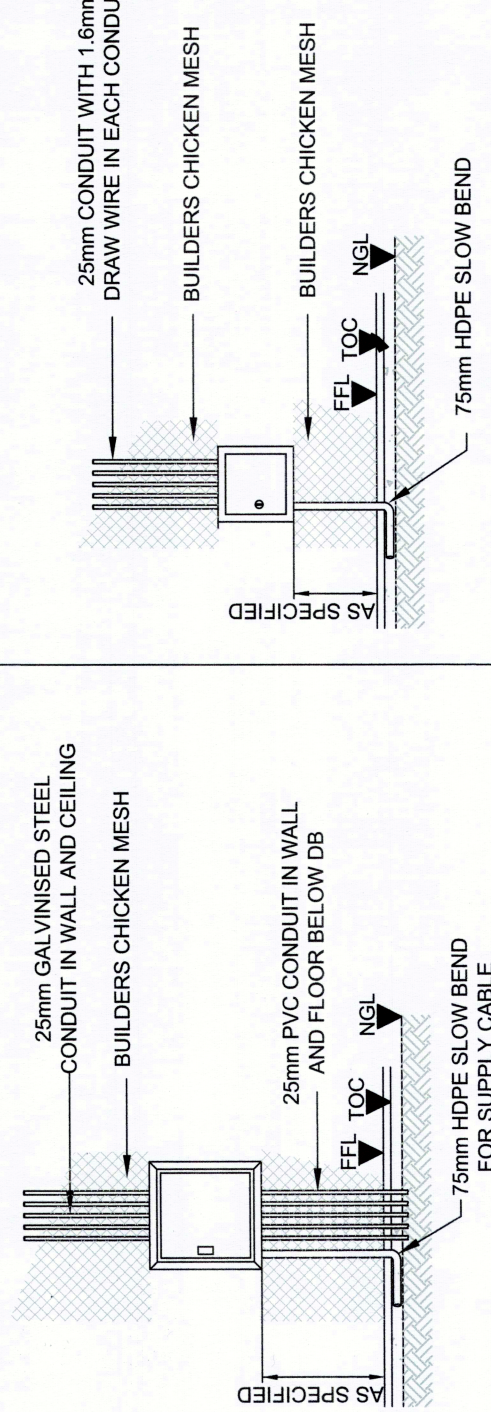
TYPICAL DETAIL - EXTERIOR BULKHEAD SCALE 1:50



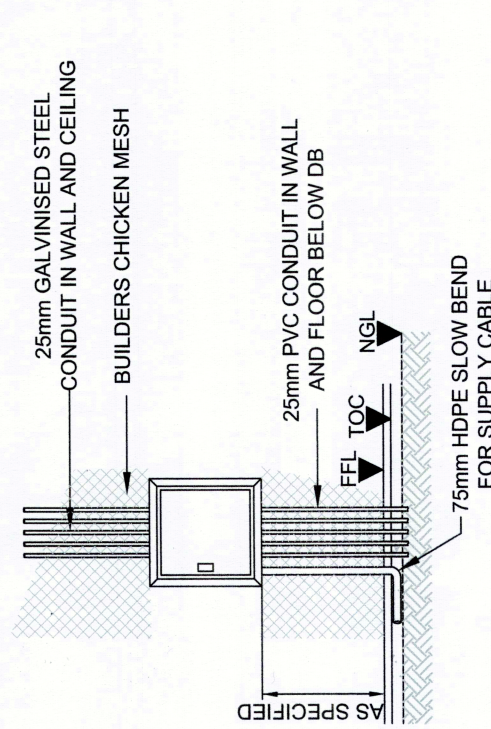
SECTION ON TYPICAL DATA AND POWER DISTRIBUTION BOX SCALE 1:50



DETAIL ON CONDUIT TRUNKING IN ROOF SPACE SCALE 1:50



TYPICAL DATA DISTRIBUTION BOX SCALE 1:50



TYPICAL DISTRIBUTION BOX (DB) SCALE 1:50