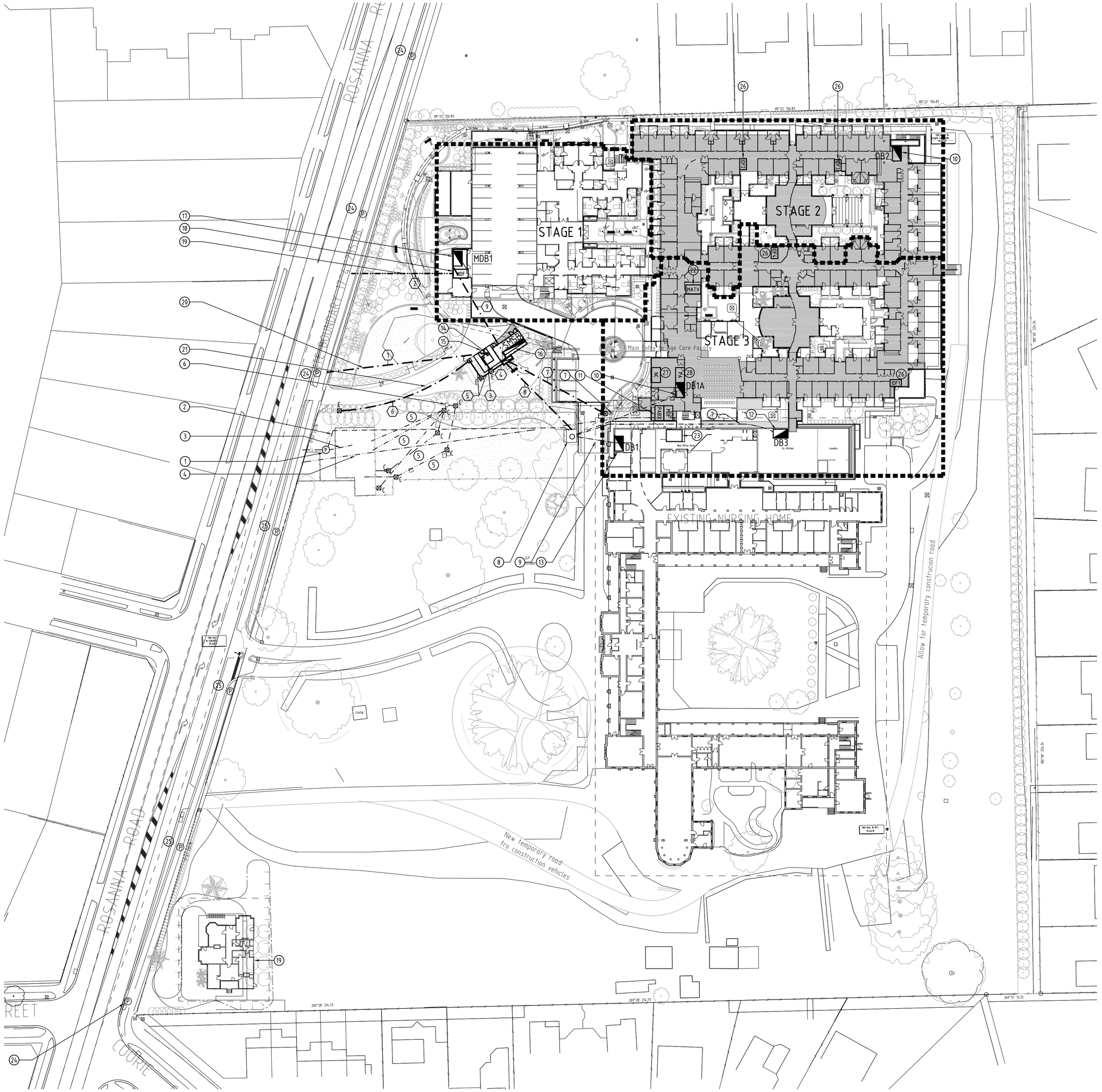

Scale 1:500 0m 5m 10m 20m 30m 50m

GENERAL NOTES:

1. BECOME FULLY INFORMED BY INSPECTION OF THE SCOPE FOR THE ELECTRICAL SERVICES DEMOLITION WORKS AND ALLOW FOR ALL REQUIRED WORKS IN THE TENDER. REFER ALSO TO THE SPECIFICATION.
2. THE WORKS SHALL BE STAGED IN ACCORDANCE WITH THE ARCHITECTS STAGING PLANS AND WRITTEN STAGING DOCUMENT INCLUDING THE ELECTRICAL SERVICES DOCUMENTS.
3. DISCONNECTION OF AND INTERRUPTIONS TO ALL ELECTRICAL SERVICES SHALL BE UNDERTAKEN AT THE APPROPRIATE STAGE TO SUIT THE OPERATIONAL REQUIREMENTS OF THE ASSISI CENTRE. REFER TO THE SPECIFCATION FOR THE REQUIREMENTS WHEN DISCONNECTING OR INTERRUPTING EXISTING ELECTRICAL SERVICES.
4. EXISTING UNDERGROUND ELECTRICAL SERVICES CONDUIT LOCATIONS AND ROUTES SHOWN ON THIS PLAN HAVE BEEN CONFIRMED BY A DETAILED SITE SURVEY. HOWEVER, THE LOCATIONS AND ROUTES SHOWN ARE APPROXIMATE ONLY AND SHALL BE CONFIRMED ON SITE PRIOR TO ANY WORKS COMMENCING. ALLOW TO CARRY OUT A FULL SURVEY OF THE EXISTING UNDERGROUND ELECTRICAL SERVICES AND ALLOW IN THE TENDER FOR ANY VARIATIONS IN THE LAYOUT TO SUIT ON SITE CONDITIONS. CO-ORDINATE ALL NEW WORKS WITH EXISTING SERVICES ON SITE INCLUDING STRUCTURES, STORMWATER PIPES AND SERVICES PROVIDED BY OTHER TRADES. UNDERGROUND CONDUITS AND CABLE PITS SHALL BE INSTALLED IN GRASSED AREAS AS MUCH AS PRACTICABLE. PROVIDE A PROPOSED UNDERGROUND CONDUITS ROUTE PLAN FOR APPROVAL PRIOR TO COMMENCING EXCAVATIONS.
5. ELECTRICAL AND COMMS CABLE PIT DIMENSIONS MINIMUM 600mm x 600mm SHALL SUIT THE NUMBER OF CONDUITS ENTERING THE PIT, DEPTH OF THE UNDERGROUND CONDUITS IN ACCORDANCE WITH AS 3000, AND THE MINIMUM BENDING RADIUS OF THE PARTICULAR CABLES. THE CONTRACTOR SHALL PROVIDE LARGER PITS AS REQUIRED.
6. PROVIDE 300mm MINIMUM SEPARATION BETWEEN ELECTRICAL AND COMMUNICATIONS SERVICES.
7. REFER TO THE SPECIFICATION INCLUDING ARCHITECTURAL PLANS FOR THE BUILDING DEMOLITION AND RELOCATION WORKS.
8. REFER TO THE SPECIFICATION SECTION "UNDERGROUND INSTALLATIONS" PRIOR TO COMMENCING EXCAVATIONS.
9. ANY DEMOLITION OR RELOCATION WORKS TO BE UNDERTAKEN BY JEMENA (POWER SUPPLY AUTHORITY) SHALL BE CO-ORDINATED BY THE CONTRACTOR TO BE UNDERTAKEN AT THE APPROPRIATE STAGE.
10. ARRANGE WITH THE ELECTRICITY RETAILER FOR THE DISCONNECTION AND REMOVAL OF THE EXISTING REVENUE METER INSTALLED IN THE EXISTING SITE MAIN SWITCHBOARD AND ALLOW FOR ALL ASSOCIATED CHARGES IN THE TENDER.
11. EXISTING UNDERGROUND ELECTRICAL SERVICES TO BE DISCONNECTED, SHALL BE REMOVED AS MUCH AS PRACTICABLE. SECTIONS OF UNDERGROUND ELECTRICAL SERVICES LEFT IN THE GROUND SHALL BE DECOMMISSIONED, MADE SAFE AND LOCATIONS INCLUDED ON THE AS-INSTALLED SITE PLAN.
12. AUTHORITY HEAD WORK CHARGES WILL BE PAID BY THE CLIENT. ALLOW FOR ANY OTHER APPLICABLE AUTHORITY CHARGES IN THE TENDER.
13. UNLESS OTHERWISE NOTED, ALL ELECTRICAL SERVICES SHOWN ON THIS DRAWING ARE NEW.
14. SYMBOL ⬡ ON THIS DRAWING DENOTES UNDERGROUND CONDUIT DESIGNATIONS.

SITE PLAN REFERENCE NOTES:

1. EXISTING POLE MOUNTED SUBSTATION WILL BE DISCONNECTED AND REMOVED BY JEMENA. CO-ORDINATE WITH JEMENA FOR THIS WORK TO BE UNDERTAKEN. REFER GENERAL NOTES 3 AND 9.
2. EXISTING UNDERGROUND CONSUMER MAINS TO BE DISCONNECTED AND REMOVED AS MUCH AS PRACTICABLE. REFER GENERAL NOTES 3 AND 11.
3. EXISTING UNDERGROUND CONSUMER MAINS TO MOBILE COMMUNICATION HUT WILL BE DISCONNECTED AND REMOVED BY THE MOBILE SERVICES PROVIDER. CO-ORDINATE THE MOBILE SERVICES PROVIDER FOR THIS WORK TO BE UNDERTAKEN. REFER GENERAL NOTE 3.
4. EXISTING TELSTRA LEAD-IN CABLE WILL BE DISCONNECTED AND REMOVED BY TELSTRA. CO-ORDINATE TELSTRA FOR THIS WORK TO BE UNDERTAKEN. REFER GENERAL NOTE 3 AND REFERENCE NOTE 11 BELOW.
5. EXISTING MOBILE TOWER UNDERGROUND COMMUNICATIONS CABLES TO REMAIN. PROVIDE SUITABLE PROTECTION OF THE CABLES DURING EXCAVATION WORKS IN THE VICINITY OF THE CABLES.
6. EXISTING MOBILE COMMUNICATIONS TOWER TO REMAIN.
7. EXISTING UNDERGROUND SUB-MAIN CABLES TO DB1A AND DB3 SHALL BE DISCONNECTED AND REMOVED AS MUCH AS PRACTICABLE. REFER GENERAL NOTES 3 AND 11.
8. EXISTING SITE MAIN SWITCHBOARD TO REMAIN CONNECTED. SUPPLY AND CONNECT THE EXISTING SITE MAIN SWITCHBOARD TO THE NEW SITE MAIN SWITCHBOARD DURING STAGE 1. REFER GENERAL NOTE 3.
9. EXISTING UNDERGROUND SUB-MAIN CABLES TO THE CONVENT BUILDING MAIN SWITCHBOARD DB1 TO REMAIN.
10. EXISTING DISTRIBUTION BOARD DB2 SHALL REMAIN CONNECTED DURING STAGE 2 TO SUPPLY EXISTING SUB-CIRCUITS IN STAGE 3. DISCONNECT AND REMOVE DB1A AND DB2 INCLUDING THE ASSOCIATED SUBMAIN CABLES AT THE APPROPRIATE TIME DURING STAGE 3.
11. EXISTING TELEPHONE MAIN DISTRIBUTION FRAME AND PABX TO REMAIN CONNECTED. CONNECT THE EXISTING MDF TO THE NEW MDF AT THE APPROPRIATE TIME DURING STAGE 1 AND ARRANGE THE DISCONNECTION AND REMOVAL OF THE EXISTING TELSTRA LEAD-IN CABLE AS NOTED IN REFERENCE NOTE 4 ABOVE. REFER GENERAL NOTE 3 AND SPECIFICATION.
12. EXISTING KITCHEN DISTRIBUTION BOARD DB3 TO BE RETAINED AND UPGRADED. CONNECT TO THE NEW MAIN DISTRIBUTION BOARD MDB1 DURING STAGE 3. REFER TO GENERAL NOTE 3 AND SPECIFICATION.
13. EXISTING MAIN SWITCHBOARD LABELED DB1 FOR THE CONVENT BUILDING TO REMAIN CONNECTED.
14. PAD MOUNTED 1500 kVA KIOSK TYPE SUBSTATION TO BE PROVIDED AND CONNECTED BY JEMENA. CO-ORDINATE WITH JEMENA FOR THE PROVISION AND CONNECTION OF THE SUBSTATION.
15. EXTENT OF KIOSK SUBSTATION EASEMENT. FINAL LOCATION OF EASEMENT TO BE CONFIRMED WITH JEMENA AND ARCHITECT. REFER TO DRAWING E007 FOR PROPOSED LOCATION AND LAYOUT. CO-ORDINATE WITH THE BUILDER FOR THE PROVISION OF A CONCRETE PLINTH AND LAYER OF ROCK SCREENING WITHIN THE EASEMENT IN ACCORDANCE WITH JEMENA SPECIFICATIONS AND REQUIREMENTS.
16. SITE MAIN SWITCHBOARD SMSB. REFER TO SCHEMATIC ON DRAWING E003 AND LAYOUT ON DRAWING E007.
17. MAIN DISTRIBUTION SWITCHBOARD MDB1. REFER TO SCHEMATIC ON DRAWING E003.
18. TELEPHONE MAIN DISTRIBUTION FRAME MDF. REFER TO SCHEMATIC ON DRAWING E005.
19. EXTERNAL ELECTRICAL SERVICES TO RELOCATED LAVETER HOUSE WILL BE PROVIDED UNDER A SEPARATE CONTRACT.
20. UNDERGROUND CONDUITS TO THE SITE BOUNDARY FOR JEMENA HIGH AND LOW VOLTAGE CABLES INSTALLED IN A 1500mm WIDE CABLE EASEMENT. CONDUITS TO BE PROVIDED IN ACCORDANCE WITH JEMENA SPECIFICATIONS AND REQUIREMENTS. CO-ORDINATE WITH JEMENA FOR THE PROVISION AND CONNECTION OF THE CABLES.
21. PROPOSED ROUTE OF THE NEW UNDERGROUND CONDUIT FOR THE SUB-MAIN CABLES SUPPLY TO THE MOBILE COMMUNICATIONS SHELTERS.
22. EXISTING MATV HEAD END TO REMAIN CONNECTED. PROGRESSIVELY DISCONNECT AND REMOVE MATV OUTLETS DURING STAGES 2 AND 3. MAINTAIN THE CONTINUITY OF THE EXISTING MATV SYSTEM FOR THE CONVENT AND NURSES HOME. REFER TO DRAWING E005 FOR PROPOSED CONNECTION OF THE EXISTING MATV HEAD END TO THE NEW ANTENNAS.
23. NEW MAIN COMMUNICATIONS ROOM TO BE BUILT AND FITTED OUT IN STAGE 1.
24. EXISTING JEMENA HV POLE TO REMAIN IN POSITION.
25. EXISTING JEMENA HV POLE TO BE RELOCATED BY VICROADS.
26. EXISTING TELEPHONE INTERMEDIATE DISTRIBUTION FRAMES IDF2 AND IDF3 SHALL BE DISCONNECTED AND REMOVED DURING STAGE 2. ANY EXISTING TELEPHONE SERVICES THAT EXTEND INTO STAGE 3 FROM THESE IDF's SHALL BE TEMPORARILY CONNECTED TO IDF1 AND/OR IDF4. DISCONNECT AND REMOVE ALL IDF's AT THE APPROPRIATE TIME DURING STAGE 3.
27. EXISTING NURSE CALL SYSTEM HEAD END COMPUTER INSTALLED IN EXISTING OFFICE SHALL BE DECOMMISSIONED AT THE APPROPRIATE TIME DURING STAGE 3. EXISTING NURSE CALL CONTROLLERS INSTALLED IN STAGE 2 WHICH SUPPLY NURSE CALL POINTS IN STAGE 3 SHALL REMAIN CONNECTED DURING THE STAGE 2 WORKS. DECOMMISSION THESE CONTROLLERS AT THE APPROPRIATE TIME DURING STAGE 3.
28. EXISTING PA HEAD END EQUIPMENT INSTALLED IN THE EXISTING RECEPTION AREA SHALL BE DECOMMISSIONED AT THE APPROPRIATE TIME DURING STAGE 3. PROGRESSIVELY CUT OVER FROM THE EXISTING PA SYSTEM TO THE NEW PA SYSTEM DURING STAGES 2 AND 3. MAINTAIN THE CONTINUITY OF THE PA SYSTEM IN STAGE 3 DURING THE STAGE 2 WORKS. TEMPORARILY LOCATE THE NEW PA ZONING CONTROLS IN THE EXISTING RECEPTION AREA OR OFFICE DURING STAGE 1. RELOCATE THESE CONTROLS TO THE NEW RECEPTION AREA AT THE APPROPRIATE TIME DURING STAGE 3.

CONDUIT DESIGNATIONS

1. 2-OFF, 125mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND (JEMENA) CONDUITS
2. 2-OFF, 100mm DIAMETER COMMUNICATIONS (WHITE) HEAVY DUTY UPVC UNDERGROUND (TELSTRA) CONDUITS
3. 6-OFF, 125mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUITS
4. 6-OFF, 125mm AND 2-OFF 100mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUITS
5. 2-OFF, 100mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUITS
6. 1-OFF, 100mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUIT
7. 3-OFF, 125mm AND 3-OFF 100mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUITS
8. 3-OFF, 100mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUITS
9. 3-OFF, 125mm AND 3-OFF 100mm DIAMETER ELECTRICAL (ORANGE) HEAVY DUTY UPVC UNDERGROUND CONDUITS

Rev	Description	Checked	Date
A	TENDER ISSUE	JVG	18.04.11
B	REVISED TENDER ISSUE	JVG	16.05.11
C	REVISED TENDER ISSUE	JVG	03.06.11
D	CONSTRUCTION ISSUE	SL	21.11.11

Xref Date
14.11.11 X00-SITE

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230 ROSANNA RD, ROSANNA

Title
ELECTRICAL SERVICES
SITE & EXTERNAL SERVICES
DEMOLITION PLAN

Drawn PLG Date JULY 2010
Checked JV Scale 1:500 @ B1
Job No 4906

Drawing No E002 Revision D

CONSTRUCTION ISSUE

THESE DRAWINGS HAVE BEEN MARKED "CONSTRUCTION ISSUE" ON THE UNDERSTANDING THAT THEY ARE TO BE USED AS THE BASIS FOR THE COMMENCEMENT OF THE SUB CONTRACTOR'S SHOP DRAWING PROCESS.

Plot by: slibertis Drawing File: E-SITE.DWG Scale: 1:500 Date: 21/11/2011 Time: 3:37 P.M.

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