

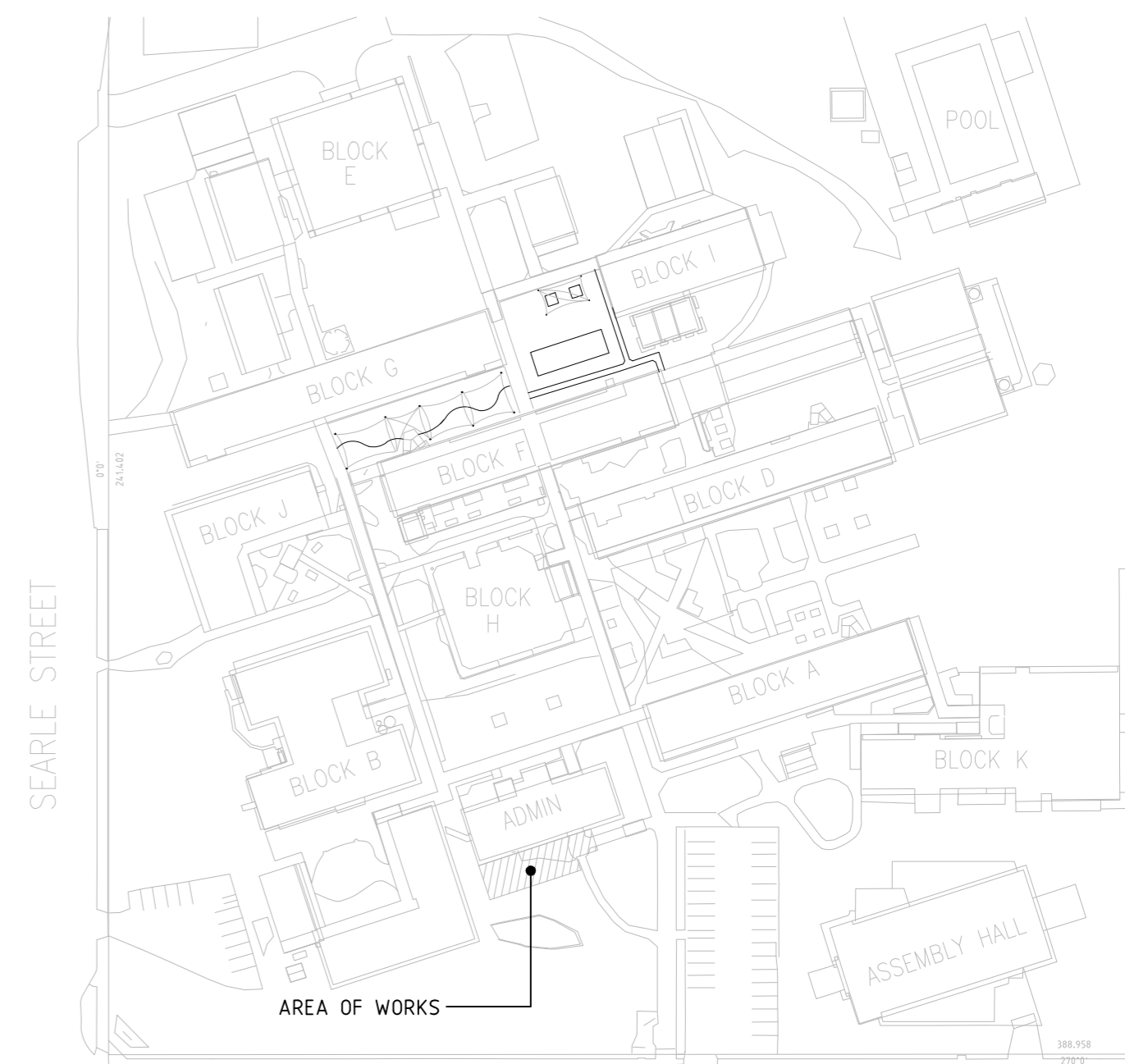
**LIGHTING & SECURITY**  
SCALE-1:100

**LEGEND**

1. 50W LED DIFFUSED SURFACE (THORN COLLEGE LED3700-840 L1200)
2. 13W LED RECESSED DOWNLIGHT (GAMMA 1448-4K-13W)
3. 13W LED SECURITY LIGHT (GAMMA 1358-4K-13W-11)
4. LED EXIT LIGHT (PIERLITE LEDXM2P)
5. LED EMERGENCY LIGHT - RECESSED (PIERLITE FFRLED)
- SWITCH & SWITCHWIRE
- TWO-WAY SWITCH
- LIGHTING CIRCUIT DESIGNATION
- PIR SECURITY SENSOR (REFER NOTE 4)

**NOTES**

1. THE INSTALLATION SHALL COMPLY WITH AS/NZS3000, DESIGN STANDARDS FOR DETE FACILITIES VERSION 3.0 & ALL OTHER RELEVANT STANDARDS.
2. THE FINAL LOCATION & MOUNTING HEIGHT OF ALL LIGHTS, SWITCHES, SENSORS, OUTLETS, EQUIPMENT, ETC SHALL BE VERIFIED ON SITE IN COORDINATION WITH ARCHITECTS DRAWINGS & OTHER SERVICES PRIOR TO INSTALLATION OF CABLING OR TRENCHING.
3. ALL NEW CABLING SHALL BE RUN CONCEALED WITHIN WALL & CEILING SPACE.
4. THE SECURITY INSTALLATION SHALL COMPLY WITH DET SCHOOL ELECTRONIC SECURITY SYSTEMS SCHOOL SECURITY PROGRAM STANDARD, VERSION 2009.1.



**BOYS AVENUE**  
**SITE PLAN**  
SCALE-1:1250

**TENDER**

| rev | date     | drawn | reason for issue |
|-----|----------|-------|------------------|
| 1   | 25.10.16 | A.H.  | PRELIMINARY      |
| A   | 29.11.16 | A.H.  | TENDER           |

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project

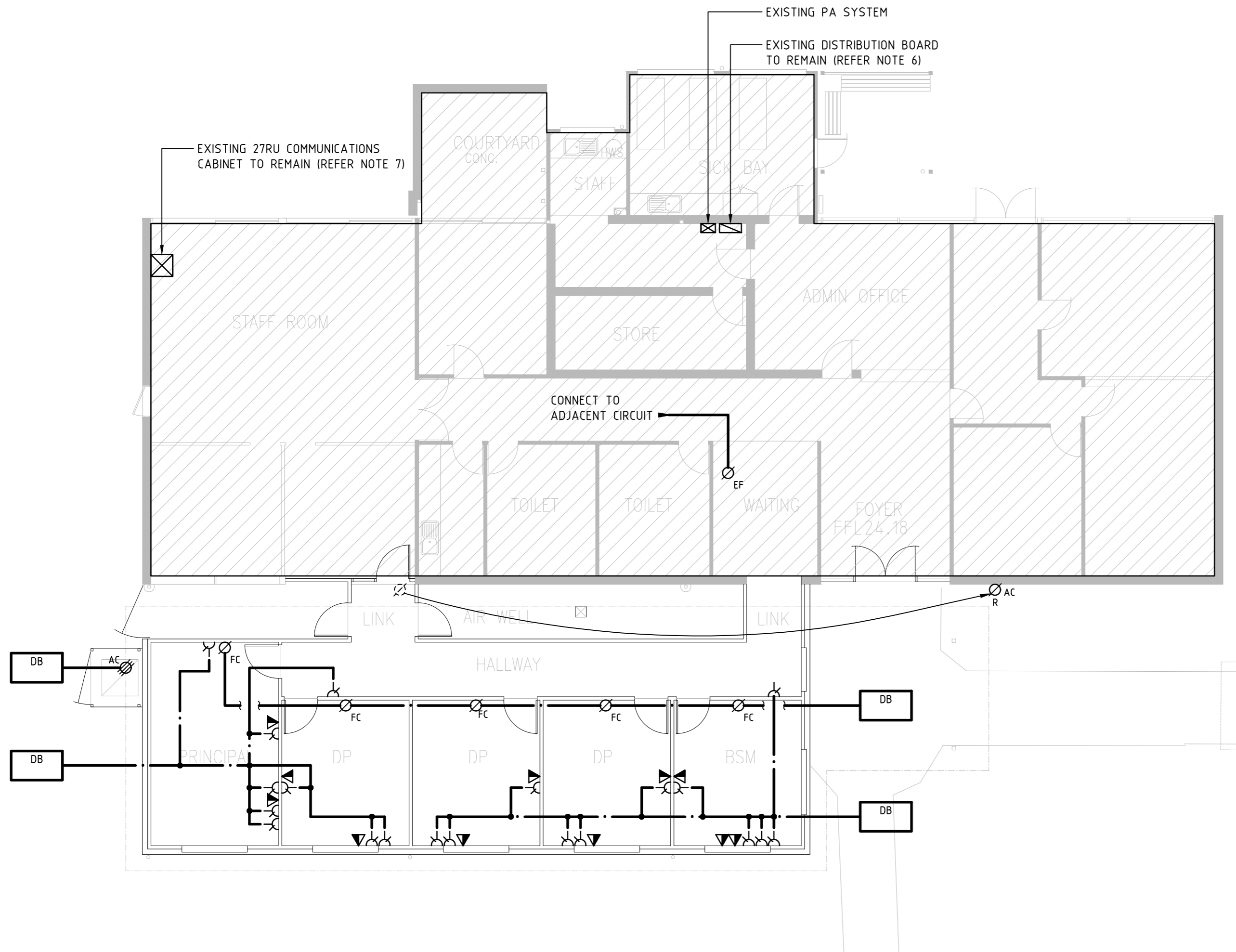
**ADMINISTRATION EXTENSION**  
AT BOYS AVENUE MARYBOROUGH  
FOR ALDRIDGE STATE HIGH SCHOOL

drawing title  
**LIGHTING & SECURITY LAYOUT**

**ELECTRICAL SERVICES**

scale AS SHOWN @ A2  
project number 197-89/1  
drawing number E01 of 2  
designed S.T.  
drawn A.H.  
revision

DO NOT SCALE ANY PART OF THIS DRAWING ALL DIMENSIONS ARE TO BE TAKEN FROM THE ARCHITECTS DRAWINGS & NOT THIS DRAWING



**POWER & COMMUNICATIONS**  
SCALE-1:100

**LEGEND**  
**POWER**

- DOUBLE 10AMP SOCKET OUTLET
- SINGLE PHASE FIXED CONNECTION (20A UNLESS NOTED)
- THREE PHASE FIXED CONNECTION (32A UNLESS NOTED)

POWER CIRCUIT DESIGNATION

**COMMUNICATIONS**

- TWIN CAT 6A DATA OUTLET

**ABBREVIATIONS**

- AC DENOTES FOR AIR CONDITIONING UNIT (REFER NOTE 8)
- FC DENOTES FOR FAN COIL UNIT
- EF DENOTES FOR EXHAUST FAN
- R DENOTES EXISTING TO BE RELOCATED AS SHOWN

**NOTES**

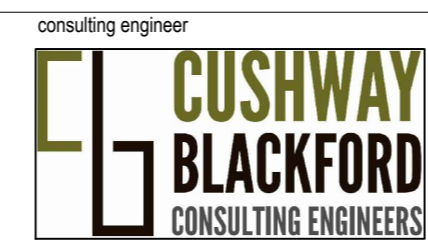
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3. ALL NEW CABLING SHALL BE RUN CONCEALED WITHIN WALL & CEILING SPACE.
4. THE COMMUNICATIONS INSTALLATION SHALL COMPLY WITH DETE - NETWORK INFRASTRUCTURE PROCEDURES & STANDARDS DNIPS PART B (TECHNICAL STANDARD) V3.0.
5. LABELLING & SPACING OF POWER OUTLETS & COMMUNICATIONS OUTLETS SHALL BE AS PER APPENDIX A23 OF THE DETE STANDARD (REFERENCED IN NOTE 4).
6. MODIFY EXISTING DISTRIBUTION BOARD TO ACCOMMODATE ADDITIONAL LIGHTING & POWER CIRCUITS, INCLUDING NEW CIRCUIT BREAKERS, TERMINATIONS, ETC, AND UPDATE CIRCUIT SCHEDULE TO SUIT. SUPPLY & INSTALL EMERGENCY LIGHTING TEST FACILITY TO COMPLY WITH AS/NZS 2293 INCLUDING TEST SWITCH WITH RESET POSITION, TIMER, RELAYS, CONTROL WIRING ETC. PROVIDE A LOG BOOK TO RECORD THE MAINTENANCE TESTS OF ALL EMERGENCY LIGHTING.
7. MODIFY THE EXISTING COMMUNICATIONS CABINET TO ACCOMMODATE ADDITIONAL VOICE & DATA OUTLETS AS SHOWN, INCLUDING ADDITIONAL/UPGRADED CAT6A PATCH PANEL, KRONE BLOCK, TERMINATIONS, ETC. LIASE WITH THE PROPRIETOR REGARDING THE LAYOUT OF THE CABINET & UPDATE ALL RECORDS TO SUIT.
8. PROVIDE PERMANENT LABEL FIXED TO VRF AC CONDENSER ISOLATORS STATING: "THIS ISOLATOR DOES NOT ISOLATE ANCILLARY AC EQUIPMENT".

**TENDER**

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