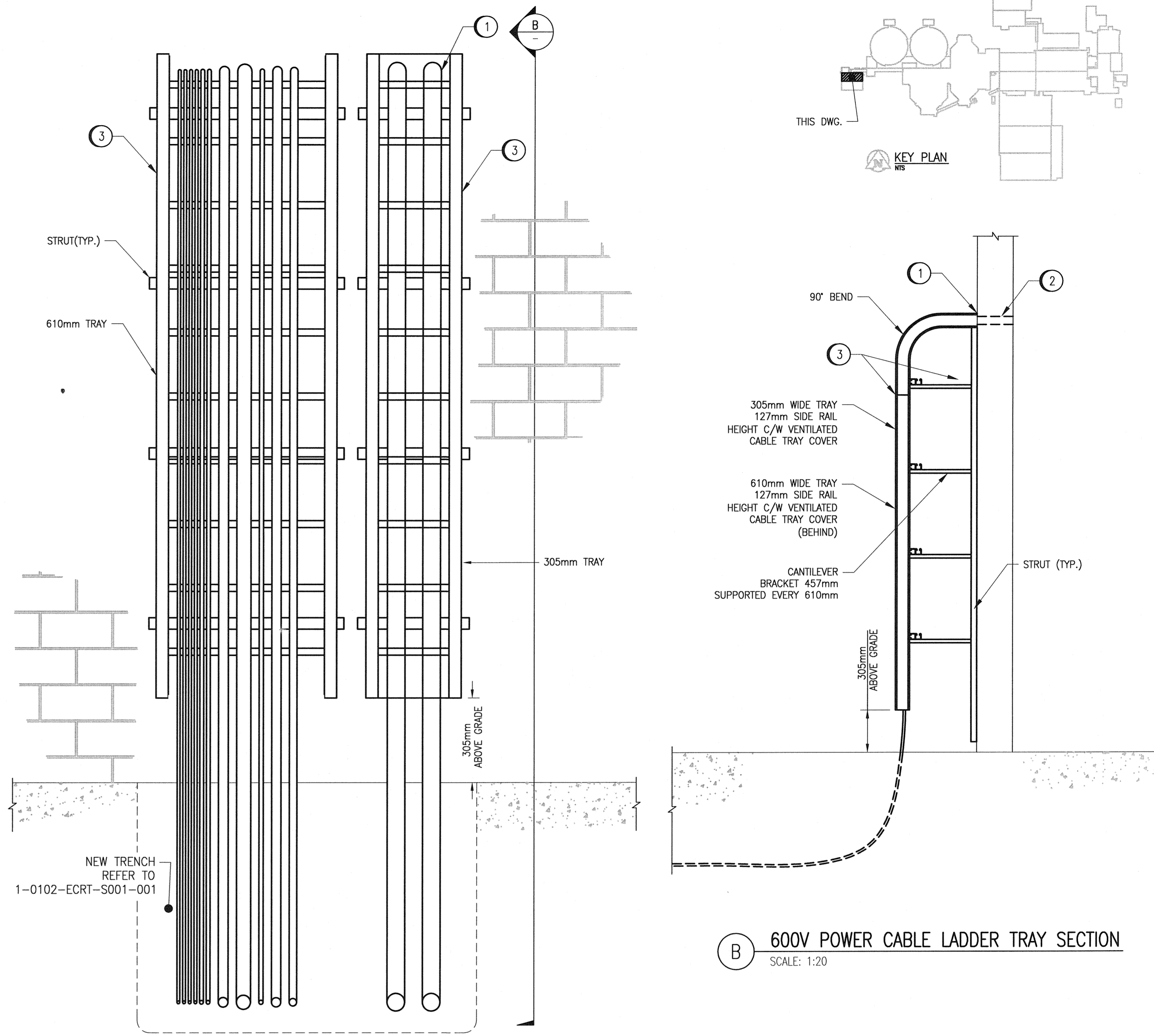
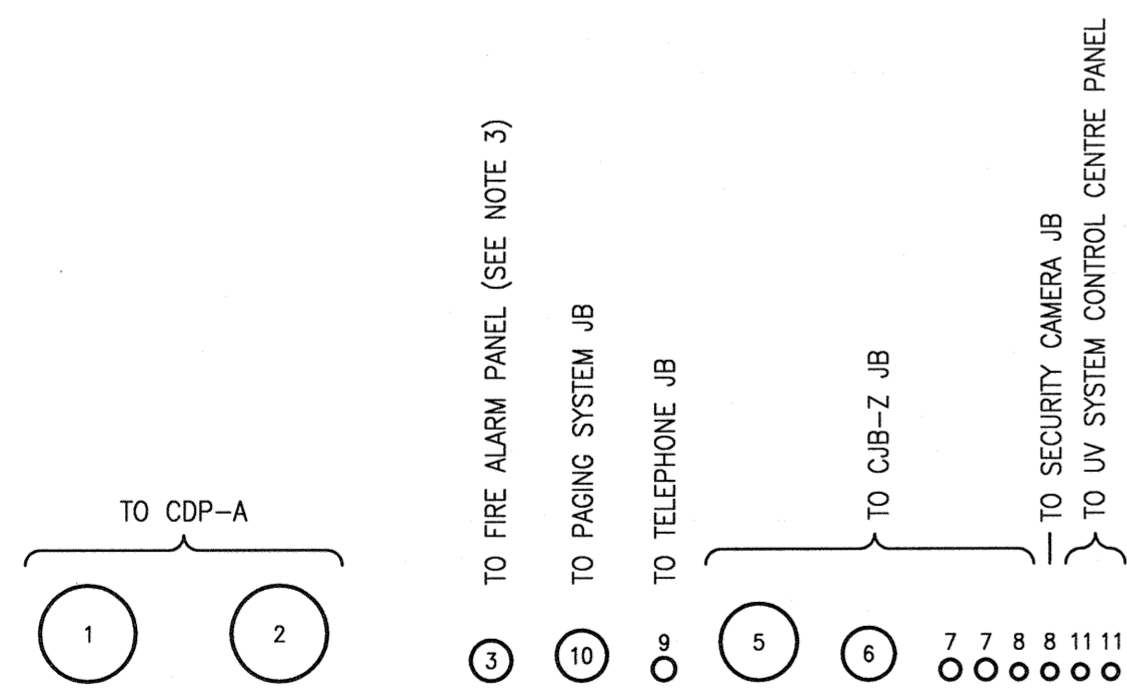


UV ELECTRICAL ROOM (EXISTING)
SCALE: 1:50



600V POWER CABLE LADDER TRAY SECTION
SCALE: 1:20

CABLE/CONDUIT RISER MOUNTING ARRANGEMENT
SCALE: 1:10



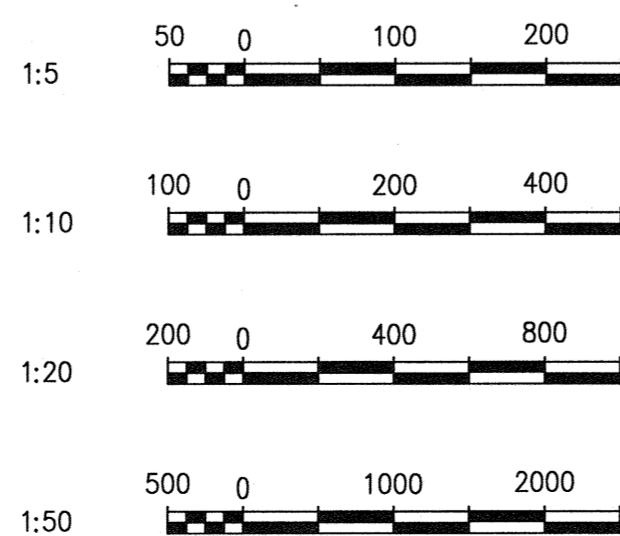
NEW INCOMING CABLES/ CONDUIT ARRANGEMENT ON WALL & TRAY
SCALE: 1:5

CONSTRUCTION NOTES:

- 1 CONTRACTOR SHALL CORE DRILL HOLES, SUPPLY AND INSTALL ROXTEC RS SEALS COMPLETE WITH STAINLESS STEEL FITTINGS (SIZED TO SUIT CABLES).
- 2 CABLE ENTRY HEIGHT SHALL BE ABOVE EXISTING SUSPENDED CEILING IN THE ELECTRICAL ROOM. CONTRACTOR SHALL VERIFY SUITABLE ENTRY LOCATION AND INDIVIDUAL CABLE RUNS TO EXISTING PANELS BEFORE CORING.
- 3 CONTRACTOR SHALL SUPPLY AND INSTALL THE CABLE TRAY AND ACCESSORIES AS REQUIRED FOR A WORKING INSTALLATION.
- 4 NEW CABLE TRAY SHALL BE RUN THROUGH THE EQUIPMENT ROOM, TO ALLOW FOR CABLEING TO BE RUN INTO THE ELECTRICAL ROOM BEHIND THE EXISTING SUSPENDED CEILING. FIRE STOP CABLE PENETRATIONS.

NOTES:

- 1. THIS DRAWING IS BASED ON AN APPROXIMATE LAYOUT OF THE EQUIPMENT / ELECTRICAL ROOM AND DOES NOT SHOW ALL DEVICES. CONFIRM EXACT TRAY ROUTING AND DEVICE LOCATIONS ON SITE.
- 2. ALL DEVICES SHOWN ON THIS DRAWING ARE NEW UNLESS SPECIFICALLY NOTED AS 'EXISTING'.
- 3. FIRE ALARM CABLE SHALL BE INSTALLED IN 27mm RIGID AL CONDUIT IN THE ELECTRICAL ROOM AND ROUTED TO THE FIRE ALARM JIB. ALL OTHER NEW CABLES SHALL BE RUN IN TECK TO ITS DISTRIBUTION PANELS AND JUNCTION BOXES. REFER TO SECTION C ON THIS DRAWING FOR THE SPECIFIC CABLE DESTINATIONS.
- 4. CONTRACTOR SHALL PERFORM NEW EQUIPMENT INSTALLATION IN THE SECONDARY CLARIFIER AREA AND IDENTIFY WORK THAT COULD BE COMPLETED WITHOUT INTERRUPTION TO THE EXISTING PLANT EQUIPMENT AND PROCESS.
- 5. ONCE WORK IN NOTE 4 HAS BEEN COMPLETED, THE CONTRACTOR SHALL THEN COORDINATE THE SHUTDOWN OF THE UV PROCESS WITH THE CONTRACT ADMINISTRATOR PRIOR TO THE RE-CONNECTION OF THE TEMPORARY UV CABLEING.
- 6. EXISTING WIRING SHALL BE DISCONNECTED, REMOVED AND/OR RE-TERMINATED TO THE NEW EQUIPMENT AS OUTLINED IN THESE DRAWINGS.
- 7. FIELD TESTING AND COMMISSIONING SHALL BE PERFORMED BY CONTRACTOR WITH TEST REPORT REVIEWED BY ENGINEER PRIOR TO RE-ENERGIZING OF ALL NEW TEMPORARY WIRING.



NO.	REVISIONS	DATE	DESIGN	CHECK
00	ISSUED FOR TENDER	06/2014	DB	ER

CH2MHILL		KGS GROUP	
DESIGNED BY: K. OOI	CHECKED BY: D. BECKER	ENGINEER'S SEAL	
DRAWN BY: M.J. PERSSON	APPROVED BY: E. RYCZKOWSKI		
SCALE: AS SHOWN	ISSUED FOR CONSTRUCTION		
DATE: 2014/06/27	DATE:	JULY 22 2014 REV 00	
CONSULTANT NO.: 474248			

SOUTH END WATER POLLUTION CONTROL CENTRE SEWPPC UPGRADING/EXPANSION PROJECT GENERAL ARRANGEMENT UV FACILITY TEMPORARY UV CABLES RELOCATION PLAN		
CITY DRAWING NUMBER 1-0102-EGAD-U001	SHEET 001	REV. 00
		SIZE A1