

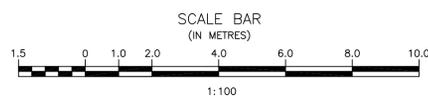
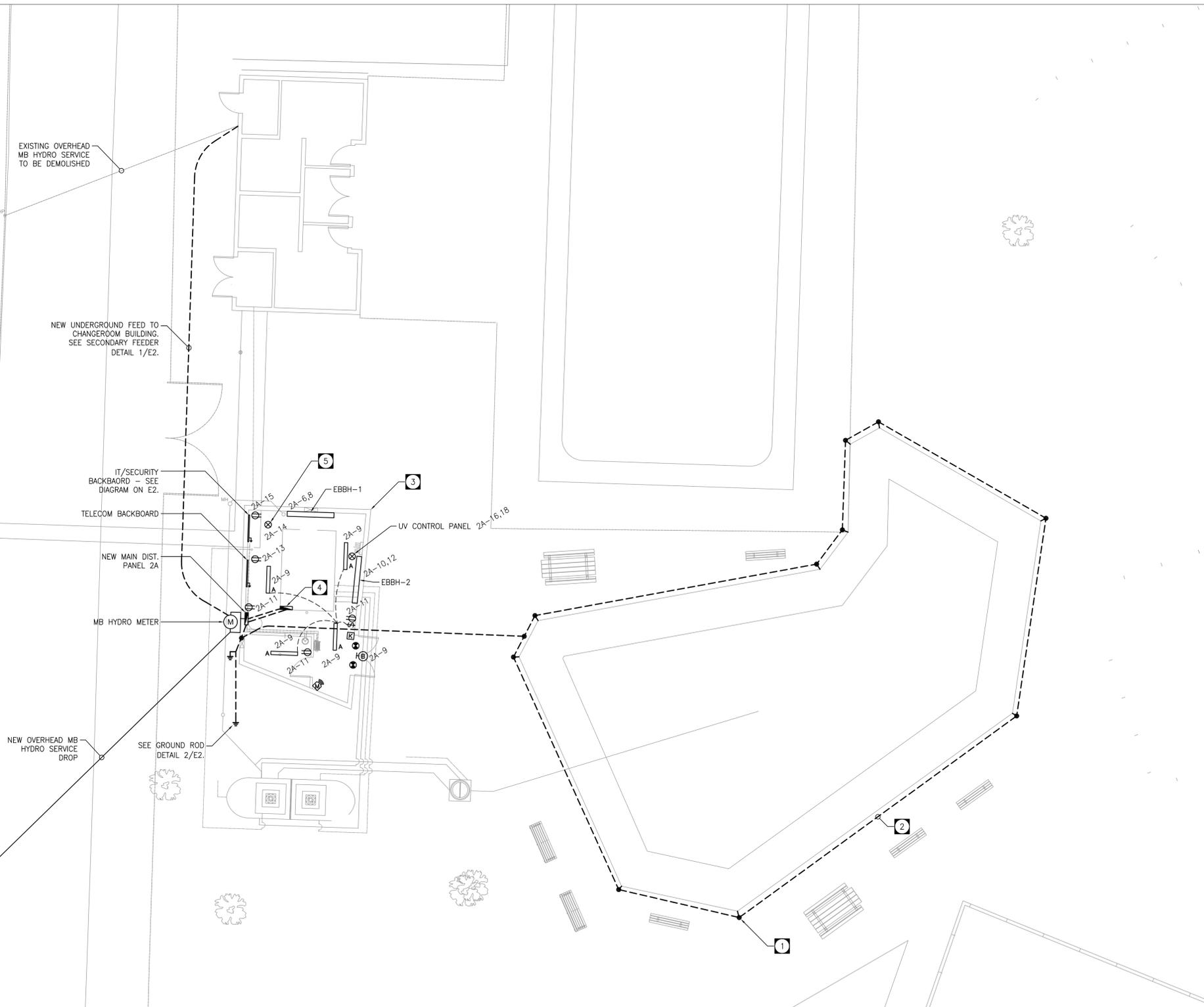


DRAWING NOTES:

- 1 SPLASHPAD REINFORCING STEEL AND ALL ASSOCIATED METAL PARTS, INCLUDING BUT NOT LIMITED TO PIPING, REINFORCING STEEL, STEEL CASING, LADDERS, GUARD RAILS, ETC. SHALL BE BONDED WITH A MINIMUM OF 4 CONNECTIONS EQUALLY SPACED AROUND THE SPLASHPAD PERIMETER.
- 2 PROVIDE A GROUND LOOP WITH MINIMUM #6 COPPER GROUND WIRE, INSTALLED UNDERGROUND.
- 3 WIRING FOR ALL BRANCH CIRCUITS IN NEW BUILDING SHALL BE TRCK CABLE.
- 4 PROVIDE 2 x 1-1/4" CONDUIT IN FLOOR FROM NEW MAIN PANEL 2A TO TREATMENT SKID. ONE CONDUIT FOR TREATMENT SKID PANEL (BY OTHERS), AND ONE CONDUIT FOR UV SYSTEM.
- 5 ELECTRICAL CONNECTION TO HOT WATER TANK. CONFIRM LOCATION AND ELECTRICAL REQUIREMENTS PRIOR TO ROUGH-IN.

GENERAL NOTES:

- A. INSTALLATION SHALL CONFORM TO CANADIAN ELECTRICAL CODE SECTION 68.
- B. THE FOLLOWING EQUIPMENT SHALL BE BONDED TO GROUND:
 - ALL ELECTRICAL EQUIPMENT/METAL PARTS LOCATED WITHIN THE SPLASHPAD OR WITHIN 3m OF THE SPLASHPAD.
 - NEW MAIN PANELBOARD A.
 - ALL METAL PARTS OF THE SPLASHPAD AND OTHER NON-ELECTRICAL EQUIPMENT ASSOCIATED WITH THE SPLASHPAD SUCH AS PIPING AND SPLASHPAD REINFORCING STEEL SHALL BE BONDED TOGETHER.
 - ALL ELECTRICAL EQUIPMENT ASSOCIATED WITH THE RE-CIRCULATING SYSTEM OF THE SPLASHPAD.
 - ALL SPLASHPAD EQUIPMENT, ASSOCIATED MECHANICAL EQUIPMENT, PIPING, ETC.
- C. SPLASHPAD GROUNDING TO BE REVIEWED PRIOR TO POURING OF CONCRETE.
- D. GROUND BONDING CONDUCTORS SHALL BE MINIMUM #6 COPPER.
- E. RECEPTACLES SHALL NOT BE INSTALLED WITHIN 1.5m OF THE SPLASHPAD. RECEPTACLES BETWEEN 1.5m AND 3m FROM SPLASHPAD SHALL BE PROTECTED BY A CLASS A GFCI BREAKER.
- F. NO ELECTRICAL WIRES/CABLES/CONDUITS ARE INSTALLED UNDER THE SPLASHPAD. MAINTAIN 3.0m HORIZONTAL SEPARATION BETWEEN EDGES OF THE SPLASHPAD AND UNDERGROUND CONDUCTORS UNLESS THE WIRES/CABLES/CONDUITS ARE PROTECTED BY GFCI.
- G. DO NOT INSTALL ELECTRICAL WIRE/CABLES OVER THE SPLASHPAD.



No.	REVISIONS	DATE	INITIALS
3	Changed note 4 to indicate UV is this phase	13/04/17	
2	UV CONTROL PANEL ADDED	13/03/25	AJ
1	ISSUED FOR TENDER	13/02/26	AJ

B.M. EL.

LOCATIONS OF UNDERGROUND STRUCTURES/UTILITIES AS SHOWN ARE BASED ON AVAILABLE INFORMATION BUT NO GUARANTEE IS GIVEN OR IMPLIED THAT ALL EXISTING UNDERGROUND STRUCTURES/UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL UNDERGROUND STRUCTURES/UTILITIES MUST BE OBTAINED FROM THE APPROPRIATE AUTHORITY/OWNER, BY THE CONTRACTOR, BEFORE PROCEEDING WITH CONSTRUCTION.

TOWER ENGINEERING GROUP

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CODE: D-661.01	PROJECT: STURGEON HEIGHTS COMMUNITY CLUB GOLDEN GATE PARK SPRAY PAD
DESIGNED BY: AJ	TITLE: ELECTRICAL PLAN
DRAWN BY: AJ	SCALE: 1:100
REVIEWED BY: TT	DATE: 13/01/24
	PLAN: E1
	SHEET: of XX