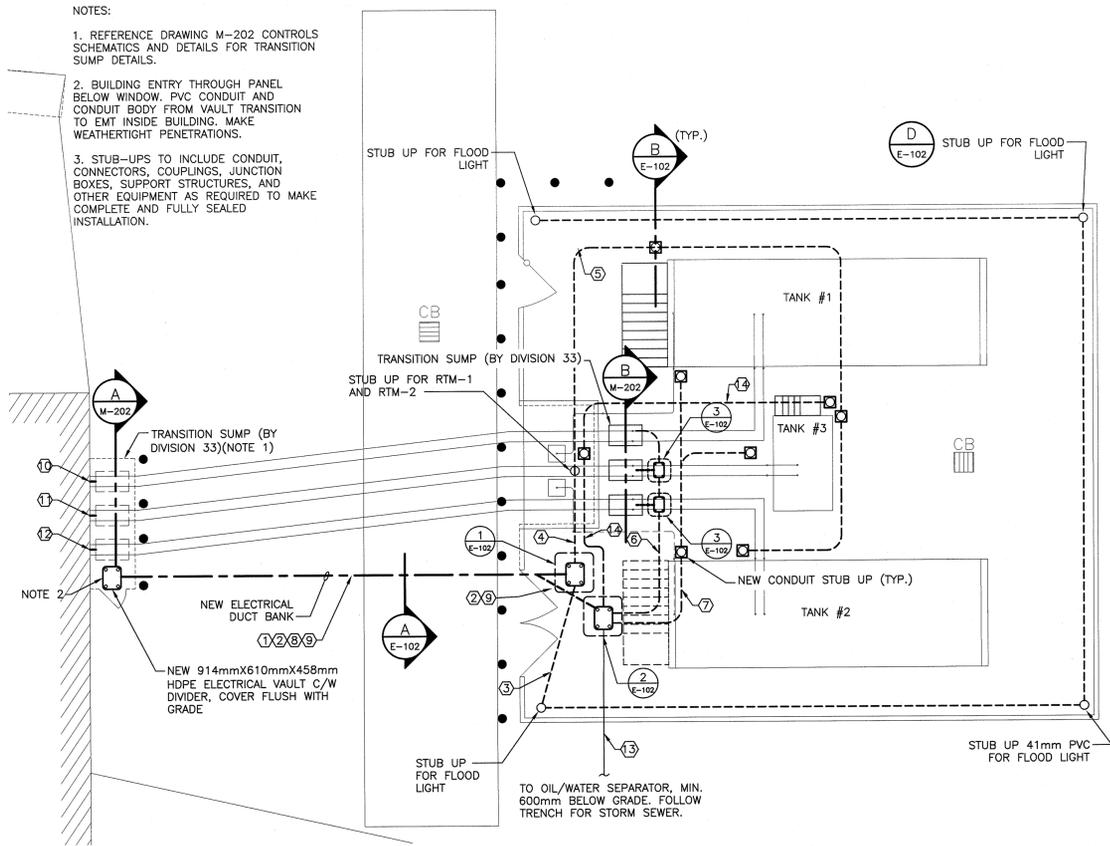


- NOTES:
1. REFERENCE DRAWING M-202 CONTROLS SCHEMATICS AND DETAILS FOR TRANSITION SUMP DETAILS.
 2. BUILDING ENTRY THROUGH PANEL BELOW WINDOW. PVC CONDUIT AND CONDUIT BODY FROM VAULT TRANSITION TO EMT INSIDE BUILDING. MAKE WEATHERTIGHT PENETRATIONS.
 3. STUB-UPS TO INCLUDE CONDUIT, CONNECTORS, COUPLINGS, JUNCTION BOXES, SUPPORT STRUCTURES, AND OTHER EQUIPMENT AS REQUIRED TO MAKE COMPLETE AND FULLY SEALED INSTALLATION.



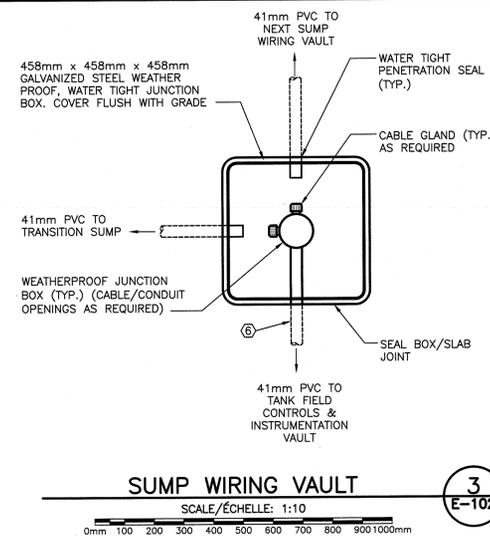
UNDERGROUND DUCT & CONDUIT LAYOUT

SCALE/ÉCHELLE: 1:100

DUCT	CONDUIT SIZE & QTY	ELECTRICAL WIRING	CONTROLS/ INSTRUMENTATION WIRING	COMMENTS
①	1-53mm	• 120V RTM-1 • 120V RTM-2 • 120V RTM-3 • 120V SV-1 • 120V SV-2 • 120V SV-3		
②	1-53mm		• SUMP SENSOR 1 • SUMP SENSOR 2 • SUMP SENSOR 3 • PIPE LEAK SENSING CABLE LEADER • TANK 1 LEVEL TRANSMITTER • TANK 2 LEVEL TRANSMITTER • TANK 3 LEVEL TRANSMITTER • RTM-1 VAC. ALARM • RTM-2 VAC. ALARM • RTM-3 VAC. ALARM	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25
③	1-41mm PVC	• 347V FLOOD LIGHTING		
④	1-53mm PVC	• 120V RTM-1 • 120V RTM-2 • 120V RTM-3	• RTM-1 VACUUM ALARM • RTM-2 VACUUM ALARM • RTM-3 VACUUM ALARM	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25
⑤	1-53mm PVC	• 120V RTM-3 • 120V SV-1 • 120V SV-2 • 120V SV-3	• TANK 3 VACUUM SWITCH • TANK 2 VACUUM SWITCH • TANK 1 VACUUM SWITCH	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25
⑥	1-41mm PVC		• SUMP SENSOR 2 • SUMP SENSOR 3 • SUMP SENSOR 1 • PIPE LEAK SENSING CABLE LEADER	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25
⑦	1-41mm PVC		• TANK 1 LEVEL TRANSMITTER • TANK 2 LEVEL TRANSMITTER • TANK 3 LEVEL TRANSMITTER	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25
⑧	1-53mm	• 347V FLOOD LIGHTING		
⑨	1-53mm			SPARE C/W PULLCORD
⑩	1-41mm PVC		• PIPE LEAK SENSING CABLE LEADER (BY DIVISION 33)	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25. TRANSITION AT BUILDING AND INSTALL WEATHER PROOF JUNCTION BOX IN COORDINATION WITH DIVISION 25 REQUIREMENTS. PIPE LEAK CABLE BY DIVISION 33.
⑪	1-41mm PVC		• PIPE LEAK SENSING CABLE LEADER (BY DIVISION 33)	
⑫	1-41mm PVC		• PIPE LEAK SENSING CABLE LEADER (BY DIVISION 33)	
⑬	1-41mm PVC		OIL/WATER SEPARATOR DEVICES	WIRE BY DIV. 33 FOLLOW STORM DRAIN TRENCH
⑭	1-41mm PVC		• RTM-1 VAC. ALARM • RTM-2 VAC. ALARM • RTM-3 VAC. ALARM	CONTROLS & INSTRUMENTATION WIRING BY DIVISION 25

UNDERGROUND DUCT SCHEDULE

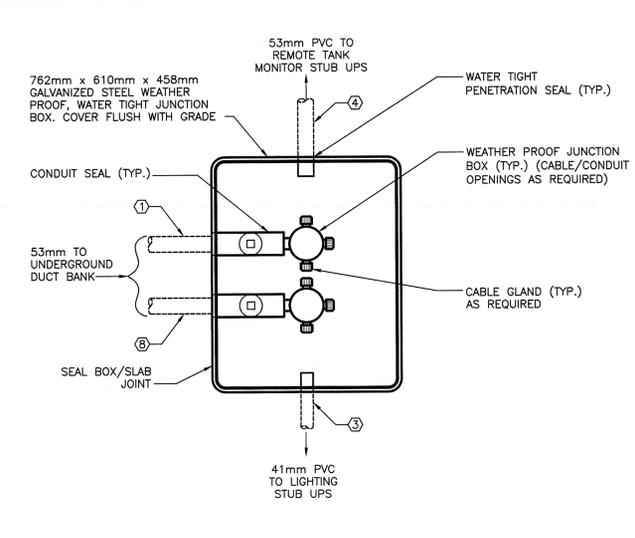
N.T.S.



SUMP WIRING VAULT

SCALE/ÉCHELLE: 1:10

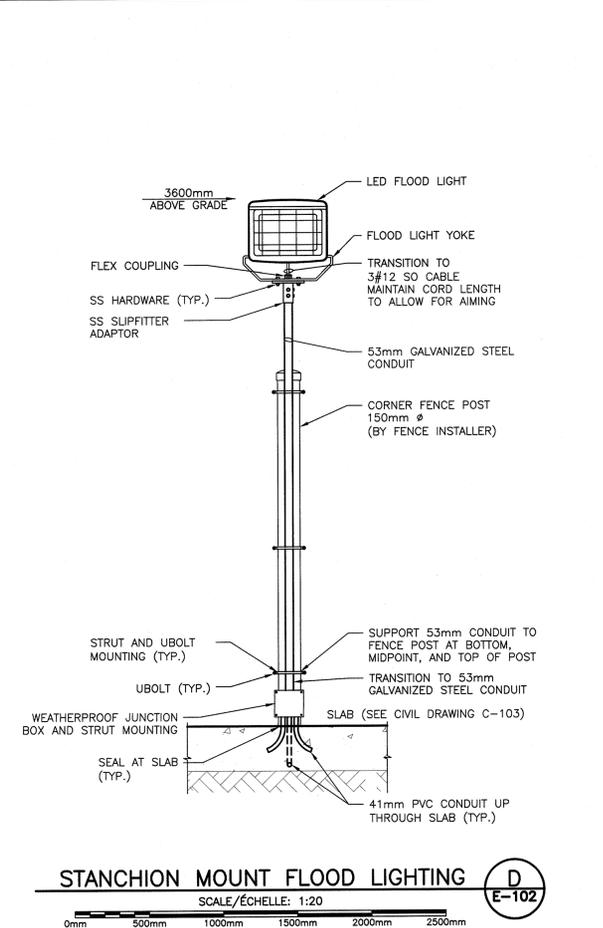
③ E-102



TANK FIELD ELECTRICAL VAULT

SCALE/ÉCHELLE: 1:10

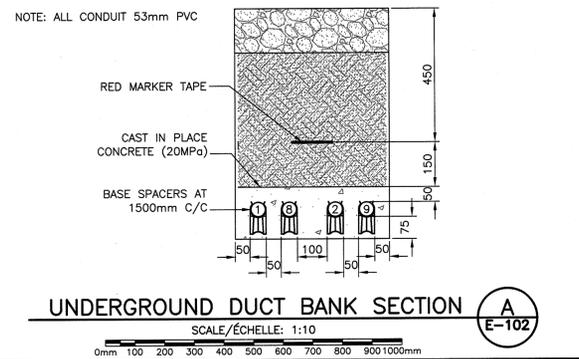
① E-102



STANCHION MOUNT FLOOD LIGHTING

SCALE/ÉCHELLE: 1:20

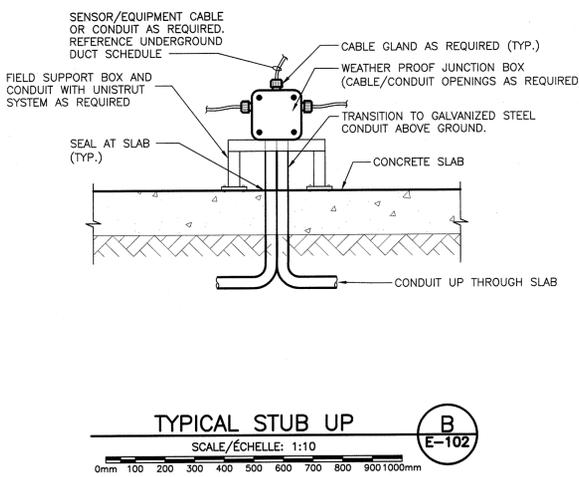
④ E-102



TYPICAL STUB UP

SCALE/ÉCHELLE: 1:10

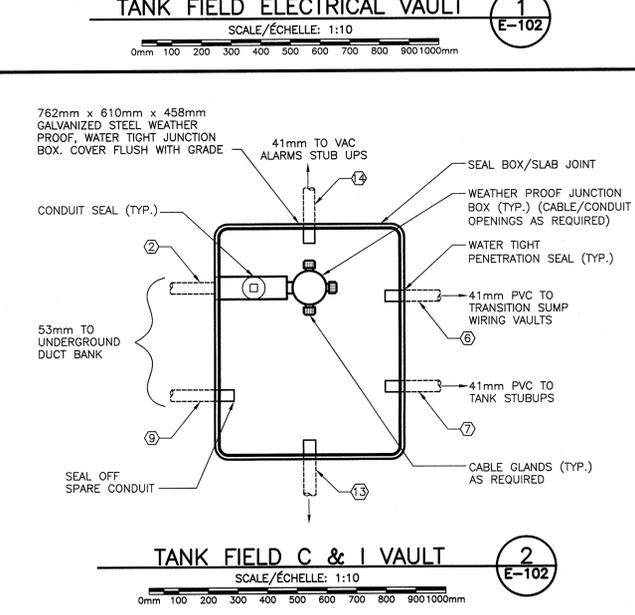
⑤ E-102



REMOTE TANK MONITOR MOUNTING

SCALE/ÉCHELLE: 1:10

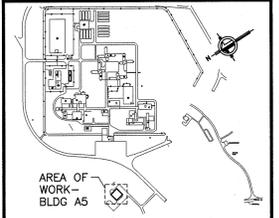
⑥ E-102



TANK FIELD C & I VAULT

SCALE/ÉCHELLE: 1:10

② E-102



0	RELEASED FOR CONSTRUCTION	JAN 04 2016
revisions	date	project

REPLACEMENT OF PETROLEUM STORAGE TANKS, BLDG A5 SPRINGHILL INSTITUTION

ELECTRICAL UNDERGROUND DUCT LAYOUT & DETAILS

designed SRP	conçu
date JAN. 04, 2016	dessiné
drawn AJB	dessiné
date JAN. 04, 2016	approuvé
approved	approuvé
date	date
Tender Soumission	Administrateur de Projets PROCC
project number R.061879.001	no. du projet
drawing no. E-102	no. du dessin