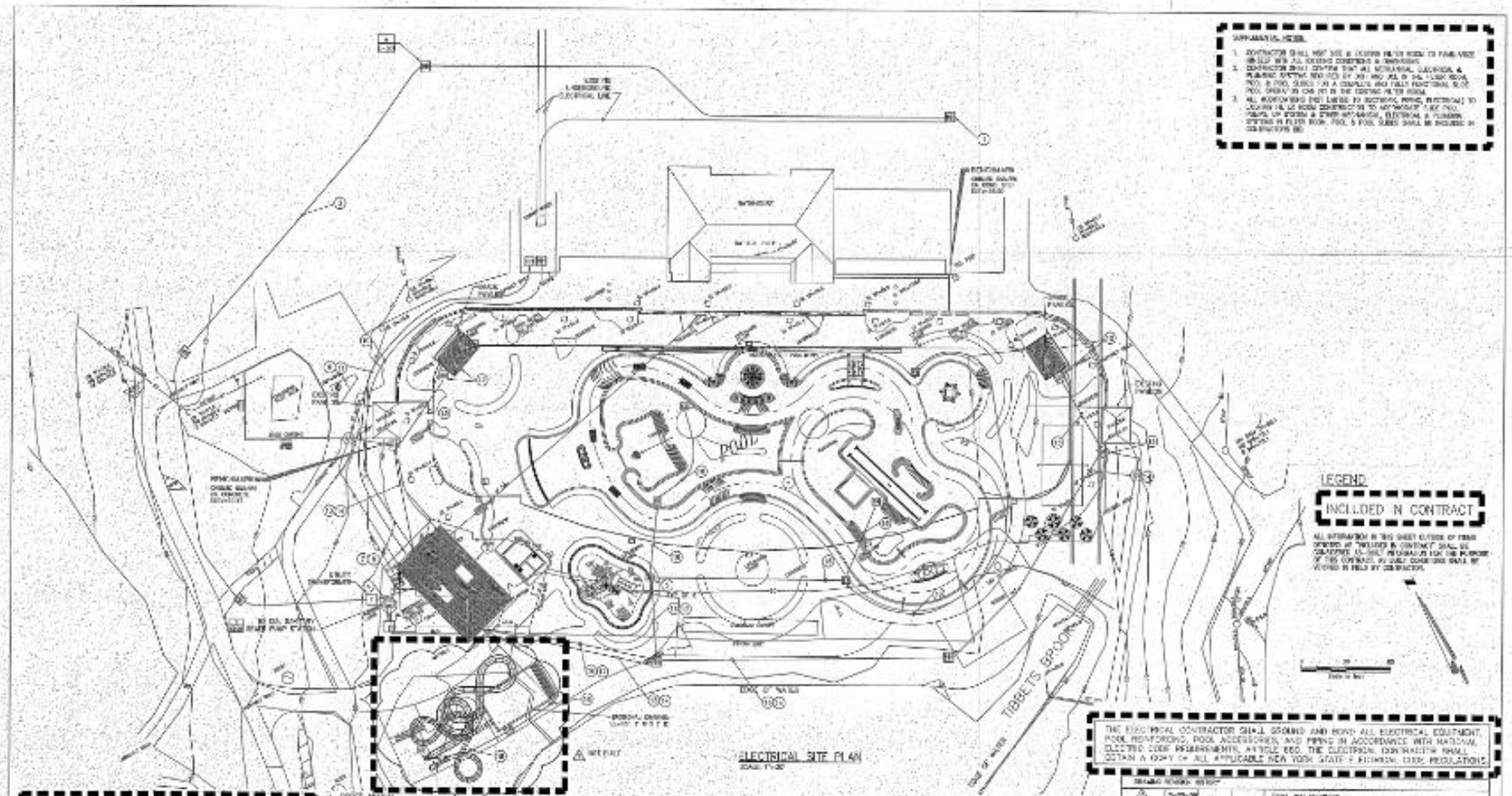

LEGEND

INCLUDED IN CONTRACT

THE ELECTRICAL CONTRACTOR SHALL GROUND AND BOND ALL ELECTRICAL EQUIPMENT, POOL MONITORING, POOL ACCESSORIES, AND PIPING IN ACCORDANCE WITH NATIONAL ELECTRIC CODE REQUIREMENTS, ARTICLE 680. THE ELECTRICAL CONTRACTOR SHALL OBTAIN A COPY OF ALL APPLICABLE NEW YORK STATE EXAMINER CODE REGULATIONS.

GENERAL NOTES

1. ALL CONDITIONS MUST BE COORDINATED WITH OTHER TRADES OF THE CONTRACTOR.
2. PROVIDE A COMPLETE AND FUNCTIONAL POOL ALARM SYSTEM PER THE REQUIREMENTS OF THE NEW YORK STATE CODE AND BUILDING CODE. PRIOR TO PROVIDING THE EXTERIOR SEMI-CIRCULAR DISC ON EACH CORNER OF THE MONITORING EQUIPMENT ENCLOSURE, THE POOL AREA, PROVIDE WIRING FROM SPEAKERS TO POOL VOICE ANNUNCIATOR PANEL. PROVIDE TENSIONS MEETING THE MANUFACTURER'S SPECIFICATIONS IN LIFTED LIVE AREA OF BATHHOUSE. PROVIDE CABLING AS REQUIRED TO WORK NEW AND EXISTING WALL ANNUNCIATOR PANEL. PROVIDE FUSE SHUTS AND CONNECT TO POOL ANNUNCIATOR PANEL VIA A DUPLEX OUTLET. PROVIDE A 20A 120V CIRCUIT FROM A PANEL IN THE BATHHOUSE TO EACH EXISTING SPEAKER. EACH FUSE SHUT 20A ANNUNCIATOR & POOL SPEAKERS PROVIDE 1 1/2" CONDUIT FROM ANNUNCIATOR POINT FROM POOL SPEAKERS LOCATION AT THE POOLS TO THE SHUT SHUTS. THE EXACT LOCATION AND QUANTITY OF TRANSDUCERS AND FUSE SHUTS SHALL BE DETERMINED BY THE OWNER DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE DETAILED SHOP DRAWINGS OF A COMPLETE AND FUNCTIONAL SYSTEM SHOWING THE LOCATIONS OF ALL PROPOSED DEVICES AND CONDUIT ROUTINGS. THE SYSTEM OF THE ELECTRICAL POOL ALARM SPECIFICATION IS BASED AROUND THE SONI-GUARD POOL SECURITY SYSTEM. SEE SPECIFICATIONS LISTED FOR MORE INFORMATION.

IN CHARGE OF ANTHONY FERRANTELLO, P.E., MEMBER
DESIGNED BY ANTHONY FERRANTELLO, P.E., MEMBER
DRAWN BY A. BRION

CONDUIT NOTES

1. APPROXIMATE LOCATION OF EXISTING MANHOLE AS SPECIFIC EXISTING. IS NO LINE IN MANHOLE. REPLACE EXISTING 3 WAY BAYONET SYSTEM WITH SPLICE WITH 4 WAY LUG JOINT.
2. MAKE SURE TO SALVAGE EXISTING TELEPHONE SERVICE DURING DEMOLITION OF EXISTING BUILDING. PROVIDE ALL LABOR AND MATERIALS TO EXTEND EXISTING SERVICE TO PROPOSED BUILDING.
3. PRIMARY FEEDER FROM EXISTING MANHOLE TO UTILITY TRANSFORMER. SEE SINGLE LINE DIAGRAM ON DRAWING E-002 FOR CONDUIT SIZE AND FILL.
4. SECONDARY ELECTRICAL SERVICES FROM TRANSFORMER TO BUILDING. ONE SERVICE FOR CONCESSION AND ONE FOR PUMP EQUIPMENT. SEE SINGLE LINE DIAGRAM ON DRAWING E-002 FOR CONDUIT SIZE AND FILL.
5. OUTDOOR STOP BUTTON LOCATED AT LIFEGUARD STATION.
6. 1" CONDUIT WITH COPPER TRIPLED SHIELDED PAIR FOR CONTROLS POOL PUMP STATION CONTROL PANEL TO PRESSURE TRANSDUCER.
7. 1 1/2" CONDUIT WITH THE MANUFACTURED SUPPLIED POWER CABLES FROM THE PUMP STATION PRESSURE TRANSDUCER TO PUMP STATION.
8. 1" CONDUIT WITH COPPER TRIPLED SHIELDED PAIR FOR CONTROLS FROM PUMP STATION CONTROL PANEL TO PRESSURE TRANSDUCER IN WET WELL.
9. 2" CONDUIT WITH 1 PAIR FOR FUTURE TELEPHONE SERVICE FROM CONCESSION BUILDING TO PUMP STATION.
10. 2" CONDUIT WITH PULL WIRE FOR FUTURE ELECTRICAL SERVICE FROM CONCESSION BUILDING TO PUMP STATION.
11. 4" CONDUIT WITH PULL WIRE FOR COMMUNICATION CABLES.
12. PROVIDE A SPEAKER PROOF 120 BOOTTHALL HORN 12 VAC 10 WATT SPEAKER POWER. PROVIDE 3/4" CONDUIT FROM THE BATHHOUSE TO THE SPEAKER WITH 2(#16) AND 1(#14).
13. 1" CONDUIT WITH 2(#12) AND 1(#14) FOR INTERFACE AT SPARE PANELS.
14. 1" CONDUIT WITH 2(#12) AND 1(#14) FOR FUTURE CLOCK INSTALLATION AT EXISTING PANELS.
15. ROUTE CONDUIT AND WIRE FOR FUTURE SPACE FROM MANHOLE TO ABOVE CEILING IN THE EXISTING BUILDING.
16. 1" CONDUIT WITH CONDUIT FOR EMERGENCY STOP PUSH BUTTON STATION LOCATED NEXT TO LIFE GUARD STATION FOR LAP POOL. PROVIDE 4x4 PRESSURE TREATED POST TO MOUNT E-STOP TO. BOND METAL BOX TO POOL. TERMINATION CONDUIT WITH PUSH BUTTONS TO SHUT DOWN SKIMMERS AND FILTER PUMPS.
17. 1" CONDUIT WITH CONDUIT FOR EMERGENCY STOP PUSH BUTTON STATION LOCATED NEXT TO LIFE GUARD STATION FOR CHILDREN POOL. PROVIDE 4x4 PRESSURE TREATED POST TO MOUNT E-STOP TO. BOND METAL BOX TO POOL. TERMINATION CONDUIT WITH PUSH BUTTONS TO SHUT DOWN SKIMMERS AND FILTER PUMPS.
18. 1" CONDUIT WITH CONDUIT FOR EMERGENCY STOP PUSH BUTTON STATION LOCATED NEXT TO LIFE GUARD STATION FOR SLIDE POOL. PROVIDE 4x4 PRESSURE TREATED POST TO MOUNT E-STOP TO. BOND METAL BOX TO POOL. TERMINATION CONDUIT WITH PUSH BUTTONS TO SHUT DOWN SKIMMERS AND FILTER PUMPS.

REVISION NUMBER	DATE	MADE BY	APPROVED BY	
1	7-22-10			FINAL FOR SUBMITTAL
2	9-10-10			AS-BUILT PER SHOP DWG

X AS BUILT – NO CHANGES
CONTRACTOR
DRAGANO POOL CONTRACTORS, INC.

RECORD DRAWING CERTIFICATION

☐ AS BUILT – CHANGES AS NOTED
☐ AS BUILT – NO CHANGES

CONTRACTOR
NAME
SIGNATURE
TITLE DATE

PROJECT COORDINATOR
NAME
SIGNATURE
TITLE DATE

WESTCHESTER COUNTY, NEW YORK
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ENGINEERING

POOL MODERNIZATION PROJECT – PHASE 2
TIBBETS BROOK PARK, YONKERS, NEW YORK
ELECTRICAL – SITE PLAN

CONTRACT NUMBER 10-567
SHEET NUMBER E-201SP
SHEET NO. 34 OF 49
SCALE AS NOTED
DATE 12/18/2010
DWG FILE NO. 3-27-E-202
REV. NO. 0