

PLAN VIEW

Diagram illustrating the Plan View of the connection. The central component is a butterfly valve, which is connected to a deck socket. The valve extension is shown, and the contractor is instructed to mark the flange of the deck socket at a point aligned with the notches to indicate the valve's position (either open or closed).

SECTION

Diagram illustrating the Section View of the connection. The components shown include:

- 2" BRONZE PLUG - PROVIDE KEY OR SPANNER WRENCH. PVC NOT ACCEPTABLE
- 2" PVC SLEEVE
- 3/4" SQ. S/S FEMALE END AT HIGH WELDED TO 3/4" SCH. 40 LOCATED APPROX. IN CENTER OF SLAB
- NON-SHRINK GROUT
- SLEEVE TO EXTEND 12" BELOW SLAB
- 3/4" S/S PIPE. LENGTH VARIES
- PIPE SIZE PER PIPING PLAN

SECTION

- BUTTERFLY VALVE
- DECK SOCKET
- VALVE EXTENSION
- INSTALLING CONTRACTOR SHALL MARK FLANGE OF DECK SOCKET AT A POINT ALIGNED WITH NOTCHES TO INDICATE VALVE BEING EITHER OPEN OR CLOSED

- 2" BRONZE PLUG - PROVIDE KEY OR SPANNER WRENCH. PVC NOT ACCEPTABLE
- 2" PVC SLEEVE
- $\frac{3}{4}$ " SQ. S/S FEMALE END AT HIGH WELDED TO $\frac{3}{8}$ " SCH. 40 LOCATED APPROX. IN CENTER OF SLAB
- NON-SHRINK GROUT
- SLEEVE TO EXTEND 12" BELOW SLAB
- $\frac{3}{4}$ " ϕ S/S PIPE. LENGTH VARIES

PIPE SIZE PER
PIPING PLAN



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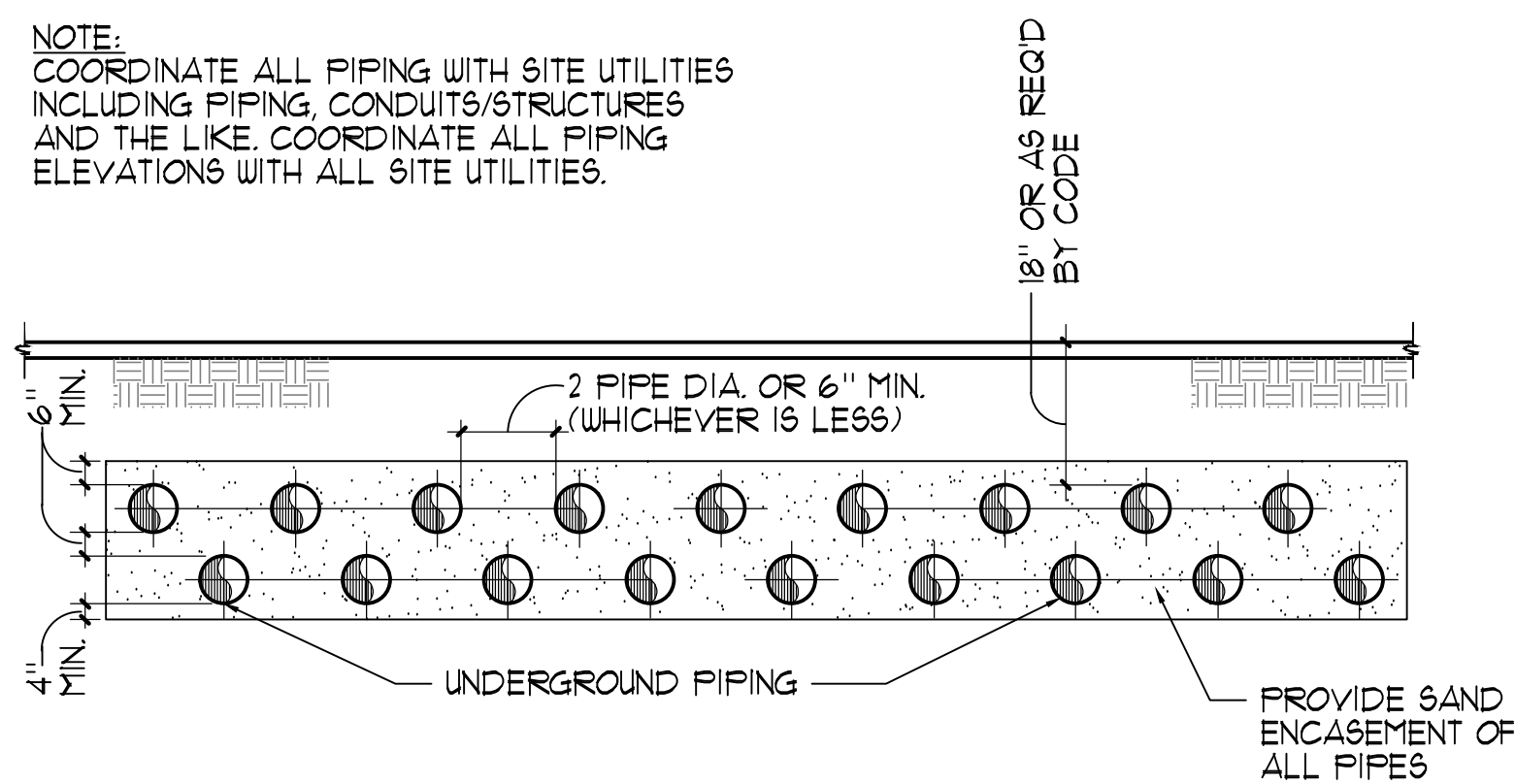
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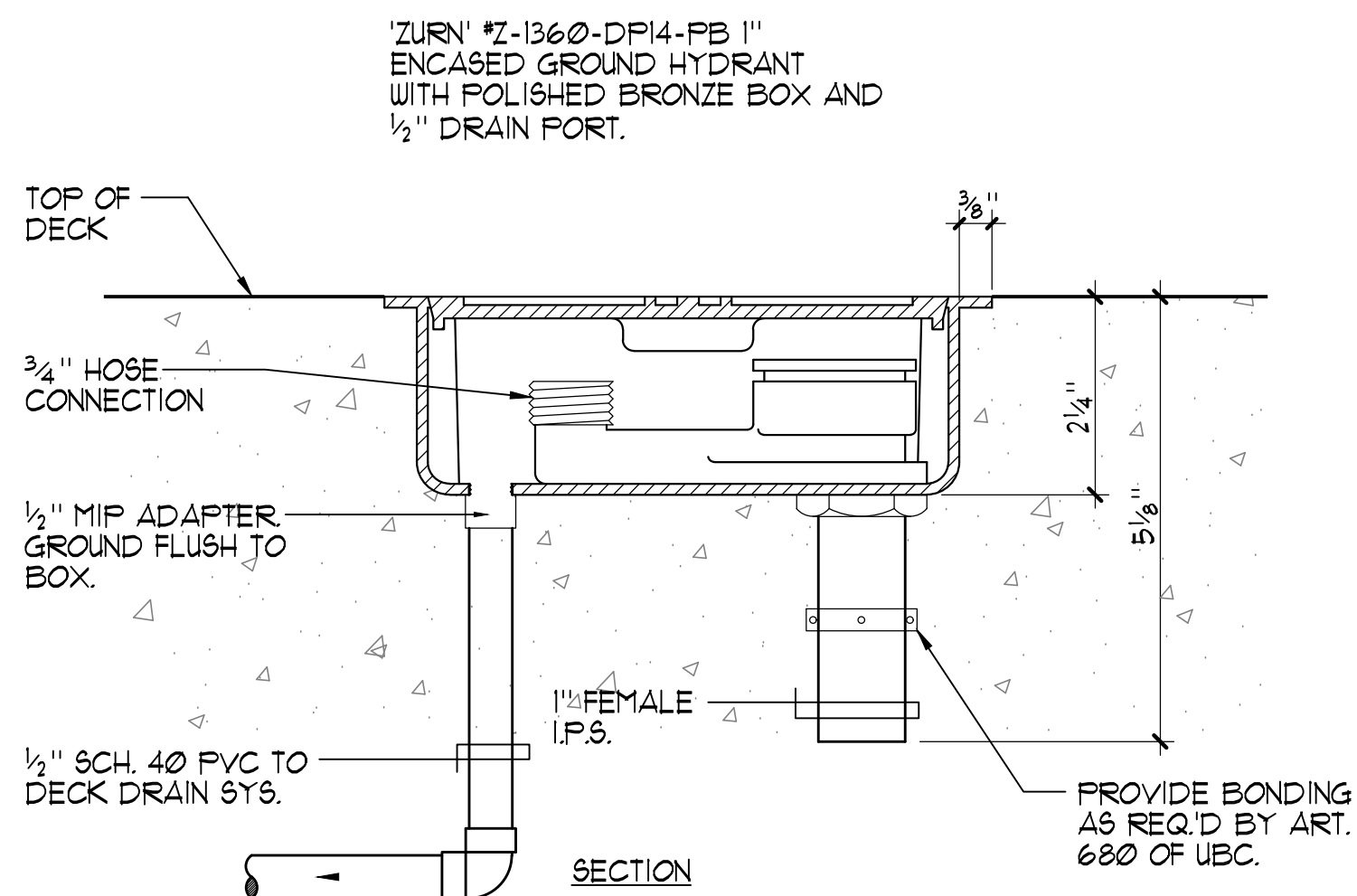
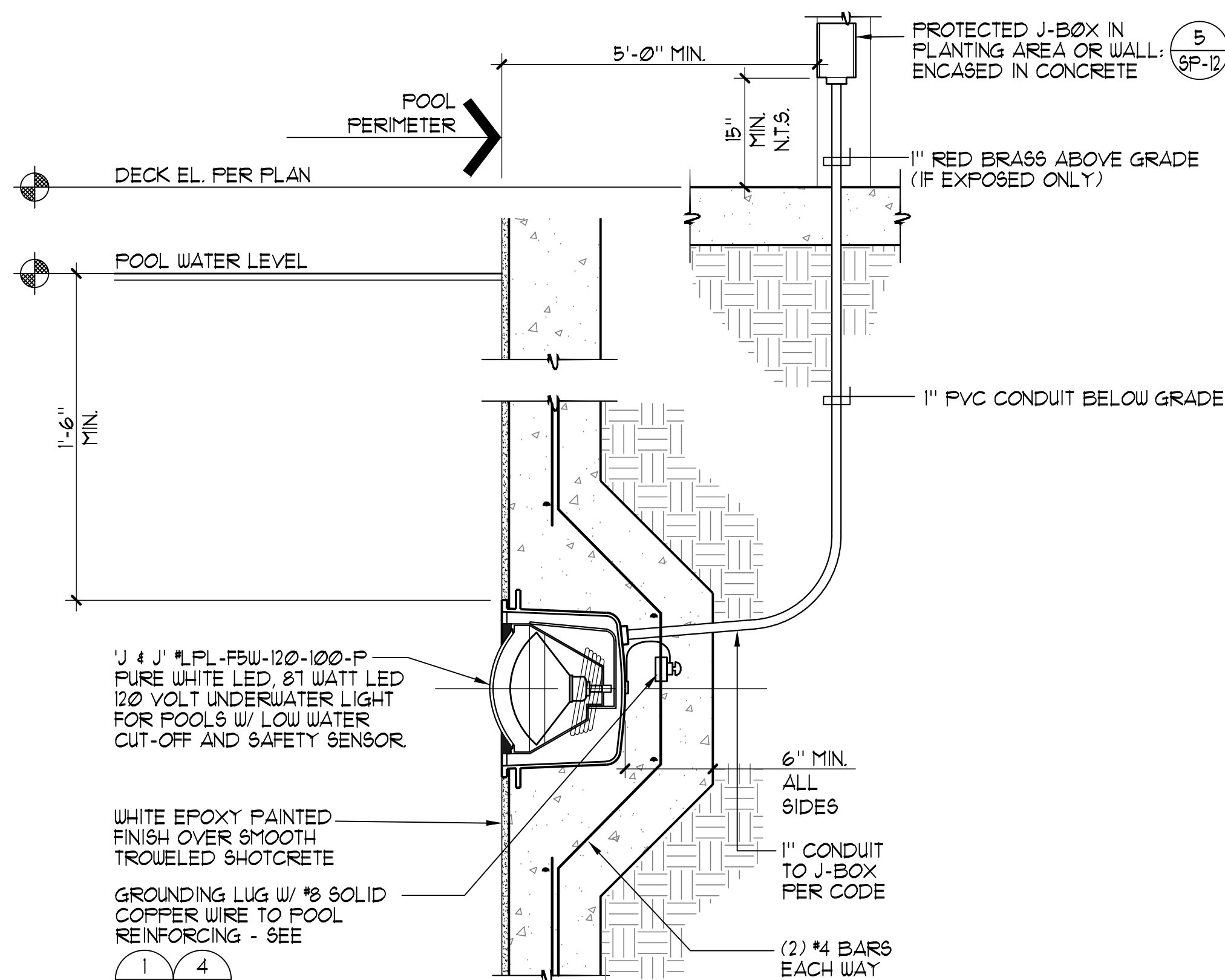
DEPARTMENT OF PUBLIC WORKS

CITY OF LOS ANGELES

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|---|--|----------------------------|--|------------------------|--|------------|--|
| VERTICAL CONTROL: | | CITY ENGINEER | | ARCHITECTURAL DIVISION | | DATE: | |
| HORIZONTAL CONTROL: | | GARY LEE MOORE, PE, ENV SP | | | | | |
| SHEET TITLE: DETAILS | | ARCHITECT/ENGINEER: SJF | | LIC. NO.: C-26222 | | 12/01/2019 | |
| PROJECT: GRANADA HILLS POOL AND BATHHOUSE | | DESIGNED BY: SJF | | | | 12/01/2019 | |
| ADDRESS: 16730 CHATSWORTH STREET | | DRAWN BY: GSF | | | | 12/01/2019 | |
| GRANADA HILLS, CA 91344 | | CHECKED BY: SJF | | | | 12/01/2019 | |
| | | APPROVED BY: SJF | | | | 12/01/2019 | |
| WORK ORDER NO. | | #E170517 | | | | | |
| PLAN FILE NO. | | | | | | | |
| DRAWING NO. | | | | | | | |
| SHEET | | SP-11 | | | | | |
| O | | | | | | | |
| SHEETS | | | | | | | |



NO SCALE


$$\frac{1}{2}'' = 1''$$

$$|1/2\rangle = |1\rangle - |\emptyset\rangle$$

UNDERWATER LIGHT NOTES:

1. ALL CONDUITS IN POOL LIGHTING SYSTEM TO BE A MINIMUM OF 1".
2. CONDUCTORS TO POOL. J-BOXES SHALL BE MINIMUM 2"x3" & 1/2" (SEE UNDERWATER LIGHT PLAN) SOLID UNBROKEN TO MAIN PANEL ISOLATED GROUND BUSES. THIS BUSES IS TO BE CONNECTED WITH SOLID INSULATED 1/2" COPPER WIRE TO UFER & COLDWATER GROUNDING LUG ON GROUNDING BUSES. UPSIZE CONDUCTORS AS REQUIRED FOR HOMERUNS EXCEEDING 100'.
3. ALL BRASS POOL J-BOXES SHALL BE FLUSH MOUNTED IN WALLS. IF FLUSH MOUNTING IS NOT POSSIBLE THEN MOUNTING SHALL BE SURFACE MOUNTED AND CONCRETE ENCASED.
4. CONDUITS WHERE ALLOWED BY CODE SHALL BE P.V.C. (POLYVINYL CHLORIDE) FROM WET NICHES TO BRASS J-BOXES TO LIGHTING PANEL. ALL CONDUITS IN FREE AIR SPACE AND ALL RISERS SHALL BE RED BRASS TYPICAL. PVC CONDUITS SHALL BE SOLVENT WELDED WITH PURPLE PRIMER AND GRAY HEAVY BODIED GLUE.
5. LIGHTING CONTACTORS SHALL BE "ALLEN-BRADLEY" 500 L+ OR EQUAL MOUNTED IN A NEMA 12 HINGED COVER - LOCKABLE ENCLOSURE. CONTACTORS TO BE SWITCHED BY MOMENTARY SWITCH EQUAL TO "HUBBELL" #B51 MOUNTED IN J-BOX IN MECHANICAL EQUIPMENT ROOM. REFER TO ELECTRICAL PLANS FOR LOCATION OF OWNER COORDINATED REMOTE UNDERWATER LIGHT SWITCH.
6. BRASS POOL J-BOXES SHALL BE "HYDREL" #119 & 1/2" HUBS OR EQUAL. (NO DIE CAST BOXES).
7. STRINGS SHALL BE PULLED IN ALL CONDUITS PRIOR TO PLACEMENT OF CONCRETE.
8. LOCAL, COUNTY OR CITY CODES SHALL BE ADHERED TO. SPECIFICATIONS TO BE IN ACCORDANCE WITH SECTION 680 OF LATEST N.E.C. BOOK.
9. PROVIDE PULL BOXES AS MAY BE REQUIRED FOR RUNS EXCEEDING 150 FT. OR DUE TO CHANGES IN GRADE OR DIRECTION.
10. CONTRACTOR SHALL TEST UNDERWATER POOL LIGHT GFC CIRCUITS AND PROVIDE LETTER TO OWNER/DSA UPON SUCCESSFUL TEST.
11. SEAL CONDUIT OPENING IN LIGHT NICHE WITH SILICON CAULKING AFTER LIGHT IS INSTALLED.
12. PRIOR TO LIGHT INSTALLATION, PROVIDE MINIMUM 10 PSI PRESSURE TEST ON ALL POOL LIGHT CONDUITS FOR FOUR (4) HOURS OBSERVED BY INSPECTOR OF RECORD. MAINTAIN PRESSURE UNTIL ALL DECKS ARE Poured.

BID SET

PROJECT ISSUE DATE: 06/22/21

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| WORK ORDER NO. | #E170517 |
| PLAN FILE NO. | |

DRAWING NO.

SP-11

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