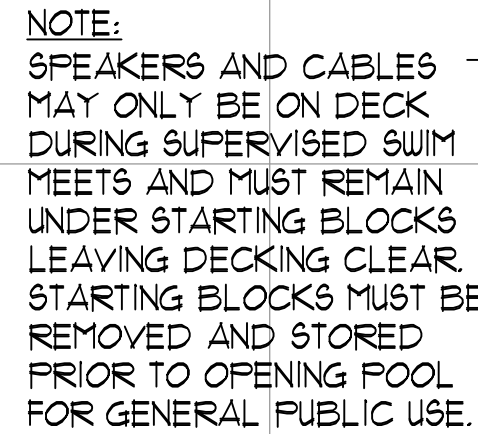


SURFACE AREA	=	9,110 SQ. FT.
PERIMETER	=	410 FT.
DEPTH	=	3'-6" TO 12'-6"
VOLUME	=	449,966 GAL.
6 HR. TURNOVER	=	1250 GPM

REVISION DATES
(DESIGN STAGE ONLY)



UL	=	UNDERWATER LIGHT	_____	(3)
				6P-11
JB	=	JUNCTION BOX	_____	(5)
				6P-12
RP	=	RACING PLATFORM	_____	(3)
				6P-8
WP	=	WALL PLATE	_____	(2)
				6P-12
DP	=	DECK PLATE	_____	(3)
				6P-12
WP JB	=	WALL PLATE JUNCTION BOX	SIM. _____	(2)
				6P-12

TIMING SYSTEM NOTES/EQUIPMENT

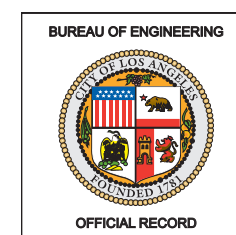
NOTE: THE CONTRACTOR SHALL SUPPLY AND INSTALL DECK PLATE BOXES, WALL PLATE BOXES, WALL PLATE JUNCTION BOXES, CONDUIT, WIRING, SCOREBOARD AND ALL TIMING EQUIPMENT AS SHOWN FOR THE 'COLORADO' TIME SYSTEM OR EQUAL.

TIMING SYSTEM QTY MODEL		DESCRIPTION
①	1 SPORTS TIMER	<p>Ⓛ₁₅₀₀ MULTI-SPORT TIMING/SCORING CONSOLE HARDWARE:</p> <p>MULTI-SPORT AQUATICS TIMING AND SCORING SYSTEM WITH CARRYING CASE. SPORT INSERTS TO INCLUDE SWIMMING, DIVING, WATER POLO AND PACE CLOCK SYSTEM TO INCLUDE 15" FULL LCD DISPLAY, CD-RW DRIVE, UNLIMITED RACE/FEET STORAGE, EXTERNAL MOUSE AND KEYBOARD PORT AND BACKUP RECHARGEABLE SYSTEM.</p>
	1 CABLE HARNESS	<p>SOFTWARE:</p> <p>SWIMMING, DIVING, WATER POLO AND PACE CLOCK SOFTWARE SHALL BE PROVIDED. SWIMMING SOFTWARE SHALL BE CAPABLE OF STORED LAP AND CUMULATIVE SPLITS SPLIT INFORMATION SHALL BE POSTED TO SCOREBOARD IN LAP OR CUMULATIVE FORMAT. SOFTWARE SHALL BE CAPABLE OF TIMING UP TO 10 LANES OF COMPETITION-NEAR AND FAR END. SOFTWARE SHALL HAVE TIMING CAPABILITY OF ONE TOUCHPAD WITH UP TO THREE BUTTON BACKUP AND RELAY TAKE-OFF PLATFORM. SWIMMING SOFTWARE SHALL OPERATE IN A POINT AND CLICK WINDOWS® ENVIRONMENT.</p>
⑧	TP-18G	<p>Ⓛ₁₅₀₀ EIGHT-LANE ABOVE DECK TIMING HARNESS INCLUDES A EIGHT-LANE CABLE HARNESS AND ONE PUSHBUTTON PER LANE.</p>
TOUCHPAD CADDY		DESCRIPTION
	1 CART	<p>TOUCHPAD CADDY FOR GUTTERING TOUCHPADS. HOLDS UP TO TEN TOUCHPADS. SHALL ARRIVE ON SITE FULLY ASSEMBLED.</p>
START SYSTEM		DESCRIPTION
③	1 HORN START	<p>Ⓛ₁₅₀₀ ELECTRONIC START SYSTEM WITH WIRELESS MICROPHONE WIRELESS MICROPHONE, VOICE RECORDERS AND 4 INDIVIDUAL LANE SPEAKERS, BUILT-IN EXTERNAL 360-DEGREE STROBE LIGHT WITH CAPABILITY TO ADD REMOTE EXTERNAL STROBE. AC POWER CAPABILITY FOR MEET OPERATOR TO PREVENT THE BATTERY SYSTEM FAILS. LED BATTERY LEVEL INDICATION LIGHT, ABILITY TO DISABLE RECALL FUNCTION.</p>
8	LANE SPEAKER	<p>INDIVIDUAL 6 WATT LANE SPEAKER FOR START SYSTEM</p>
1	AUX SPEAKER	<p>40 WATT SPEAKER WITH 100' OF CABLE</p>
1	BRACKET	<p>BACKSTROKE FLAGPOLE MOUNTING BRACKET FOR START SYSTEM.</p>
1	CABLE	<p>THIRTY FOOT JUMPER CABLE</p>
IN-DECK		DESCRIPTION
②	8 LANE DECK PLATE	<p>Ⓛ₁₅₀₀ INDIVIDUAL LANE TITANIUM DECK PLATE. PLATE SHALL HAVE CONNECTIONS FOR (1) TOUCHPAD, (3) BACKUP BUTTON TIMING, RELAY TAKE-OFF PLATFORM AND INDIVIDUAL LANE SPEAKER. PLATES SHALL BE MOUNTED PERMANENTLY TO THE DECK ON 4"x4"x1/8" PVC JUNCTION BOXES (CARLON E389NNR).</p>
④	1 WALL PLATE	<p>Ⓛ₁₅₀₀ WALL PLATE, TIMING</p> <p>WALL PLATE: 12"x12"x1/8" WALL BOX IN CONC. PEDESTAL. ONE (1) TOTAL. WALL BOX WITH WALL PLATE JUNCTION BOX 12"x12"x1/8" ONE (1) TOTAL.</p>
WATER POLO		DESCRIPTION
1	WATER POLO	<p>WATER POLO PACKAGE TO INCLUDE HAND-HELD GAME CLOCK START/STOP/HORN SWITCH, HAND-HELD SHOT CLOCK START/STOP/RESET SWITCH AND ABOVE DECK SHOT CLOCK DATA CABLES</p>
SCOREBOARD		DESCRIPTION
⑤	1 SCOREBOARD	<p>Ⓛ₁₅₀₀ EIGHT-LINE OUTDOOR LED SCOREBOARD:</p> <p>Ⓛ₁₅₀₀ EACH MODULE INCLUDES: EIGHT, 10-INCH LED DIGITS. (CHOICE OF RED OR AMBER DIGITS) BEAM MOUNTING HARDWARE</p>
	1 ID PANEL	<p>SCOREBOARD FUNCTIONS: DISPLAY LANE, PLACE, AND TIME FOR LANES 1-6 ONE LINE TO DISPLAY HOME/GUEST SCORES ONE LINE TO DISPLAY LENGTH/RECORD TIME</p>
⑥	4	<p>FOUR (4) DEDICATED 30 AMP CIRCUIT TO BE TERMINATED INTO SCOREBOARD LOAD CENTER</p>
⑦	1	<p>MASTER ON/OFF SCOREBOARD SWITCH WITH PILOT LIGHT, W/ LOCKABLE ENCLOSURE.</p>
⑧	1	<p>SCOREBOARD DATA CONNECTION BOX CONNECT TO TIMING/WALL BOX LOCATION W/ 1/2" PVC CONDUIT.</p>
1	1	<p>NON-ILLUMINATED FACILITY IDENTIFICATION PANEL WITH ARTWORK.</p>

RJP



NORTH



OFFICIAL RECORD


SWIMMING POOL UNDERWATER LIGHT / TIMING SYSTEM PLAN

$$\frac{1}{8}'' = 1' - \emptyset'$$
BUREAU OF ENGINEERING
C 008

DEPARTMENT OF PUBLIC WORKS

PROJECT ISSUE DATE: 06/22/21

BID SET
PROJECT ISSUE DATE: 06/22/21



NO.	REVISION DESCRIPTION	DATE	BY

BUILDING NO.
_ _

INDEX NO. **RP-300118**



GARY LEE MOORE, PE, ENV SP		CITY ENGINEER
ARCHITECTURAL DIVISION		DATE:
ARCHITECT/ENGINEER: SJF	LIC. NO.: C-26222	12/01/2019
DESIGNED BY: SJF	DRAWN BY: GSF	12/01/2019
CHECKED BY: SJF	APPROVED BY: SJF	12/01/2019

VERTICAL CONTROL: HORIZONTAL CONTROL:	
SHEET TITLE:	SWIMMING POOL UNDERWATER LIGHT / TIMING SYSTEM PLAN
PROJECT:	GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT PROJECT
ADDRESS:	16730 CHATSWORTH STREET GRANADA HILLS, CA 91344
WORK ORDER NO. #E170517	
PLAN FILE NO.	
DRAWING NO.	
SP-3	
SHEET	SHEETS

PLOTTED: 6/28/2018 2:53:10 PM