

MORGAN HILL AQUATIC CENTER DECK RENOVATION

16200 CONDIT ROAD
MORGAN HILL, CALIFORNIA 95037



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PROJECT INFORMATION
MORGAN HILL AQUATIC CENTER
DECK RENOVATION
16200 CONDIT ROAD
MORGAN HILL, CALIFORNIA 95037

ABBREVIATIONS:																												CITY				VICINITY MAP				SHEET INDEX																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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- (1) CONTRACTOR IS TO TAKE CARE IN DRAINING DOWN POOL(S) TO A LEVEL TO PREPARE DECKING AS REQUIRED TO PERFORM THE PREPARATION WORK. POOL SHELL AND GUTTER SHALL BE PROTECTED AND WATER IS TO REMAIN ON PLASTER TO PRESERVE THE FINISH. PROPER WATER CHEMISTRY AND FILTRATION TO BE MAINTAINED THROUGHOUT CONSTRUCTION. ALL POOLS SHALL BE PROTECTED FROM DEMOLITION AND DEBRIS AND PROTECT ALL SWIMMING POOL FINISHES.
- (2) PREPARE EXISTING SWIMMING POOL DECKING PER PLANS VIA SAWCUTTING, CHIPPING AND ROUGHING UP IN PREPARATION FOR THE INSTALLATION OF 'LIFE FLOOR'. FIELD COORDINATE TO AVOID EXISTING UTILITIES/PIPING LINES. CONTRACTOR SHALL MEASURE AND RECORD LOCATION OF EXISTING DEPTH MARKERS PRIOR TO DEMOLITION AND REPLACE EXISTING POOL DEPTH MARKER TILES IN SAME LOCATION AND MEETING ALL CODES AND LISTED IN FEET AND INCHES WITH A SEPARATION NOT GREATER THAN 25FT.
- (3) THE CONTRACTOR SHALL COORDINATE DEMOLITION WITH OTHER TRADES, AND SHALL PROTECT ALL EXISTING WORK, BUILDINGS, UTILITIES, OVERHEAD LIGHTS, SLIDES, DECK EQUIPMENT ETC. TO REMAIN. IDENTIFY AND LOCATE ALL EXISTING UNDERGROUND UTILITIES WITH OWNER PRIOR TO CONSTRUCTION AND PROVIDE PROTECTION AS REQUIRED FOR RENOVATION OF SWIMMING POOL DECKS PER PLAN.
- (4) CONTRACTOR SHALL VERIFY LOCATION OF DEMOLITION AND SAW CUTS WITH OWNER PRIOR TO THE START OF WORK. THE OWNER SHALL VERIFY ALL AREAS OF DECK PREPARATION WITH THE CONTRACTOR.
- (5) THE CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED ITEMS DUE TO DEMOLITION AND/OR CONSTRUCTION, AT NOT COST TO THE OWNER INCLUDING, FITTINGS, GRATES AND PIPING, ETC.
- (6) COORDINATE INGRESS/EGRESS AND HAUL ROUTES WITH THE OWNER PRIOR TO START OF WORK.
- (7) POOL PLAN VIEWS ARE SHOWN FOR CONTRACTOR INFORMATION AND ASSISTANCE. THE CONTRACTOR IS RESPONSIBLE FOR INDIVIDUAL SQUARE FOOTAGE TAKINGS AND WITH REGARD TO DEMOLITION, PREPARATION, AS WELL AS MEANS AND METHODS OF CONSTRUCTION, CONTRACTOR SHALL VISIT THE SITE AS REQUIRED TO ACCOMPLISH THE WORK, AND TO BECOME FAMILIAR WITH SCOPE AND SERVICES OF WORK REQUIRED.
- (8) REFER TO SHEET DP-2 FOR NEW DECK LAYOUT PLAN IN COORDINATION WITH CONTRACTOR FIELD LAYOUT AND EXISTING INFORMATIONAL PLANS. ALL NEW CONCRETE SHALL BE 3000 psi MINIMUM AT 28 DAYS. FIELD VERIFY ALL ELEVATIONS.

- (9) COORDINATE PROPOSED CONSTRUCTION STAGING AREA WITH THE OWNER PRIOR TO CONSTRUCTION. PROVIDE TEMPORARY PHONE, TOILETS, FENCING, GATES, ETC. AS REQUIRED.
- (10) THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING AND BALANCING OF THE POOL WATER DURING DEMOLITION CONSTRUCTION UNTIL COMPLETION OF CONTRACT. THE CONTRACTOR SHALL COORDINATE HIS EFFORTS WITH OWNERS STAFF.
- (11) PROTECT EXISTING SURFACE SKIMMER ASSEMBLIES DURING DEMOLITION AND REPLACE SURFACE SKIMMER LIDS WITH NEW POURED IN PLACE LIDS AS THEY CURRENTLY EXIST.
- (12) THE CONTRACTOR SHALL PREPARE ALL IDENTIFIED EXISTING DECK SURFACES TO RECEIVE NEW 'LIFE FLOOR' OVERLAY. ALL EXISTING DECK ANCHORS SHALL REMAIN AND EXISTING SURROUNDING DECK SHALL BE PREPARED FOR FLUSH FIT OF NEW 'LIFE FLOOR'.
- (13) REMOVE AND REPLACE ALL DECK CAULKING JOINTS PRIOR TO 'LIFE FLOOR' OVERLAY.
- (14) ALL EXPOSED DECK REBAR, RUST SPOTS, ETC. SHALL BE EXPOSED, BUSHED DOWN 1/8" BELOW FINISH SURFACE, ZINC COATED AND FILLED FLUSH WITH NON-SHRINK GROUT. ANY OTHER INTERFERENCES IN THE POOL DECK SHALL BE REPAIRED PRIOR TO INSTALLING NEW DECK 'LIFE FLOOR' OVERLAY SYSTEM.

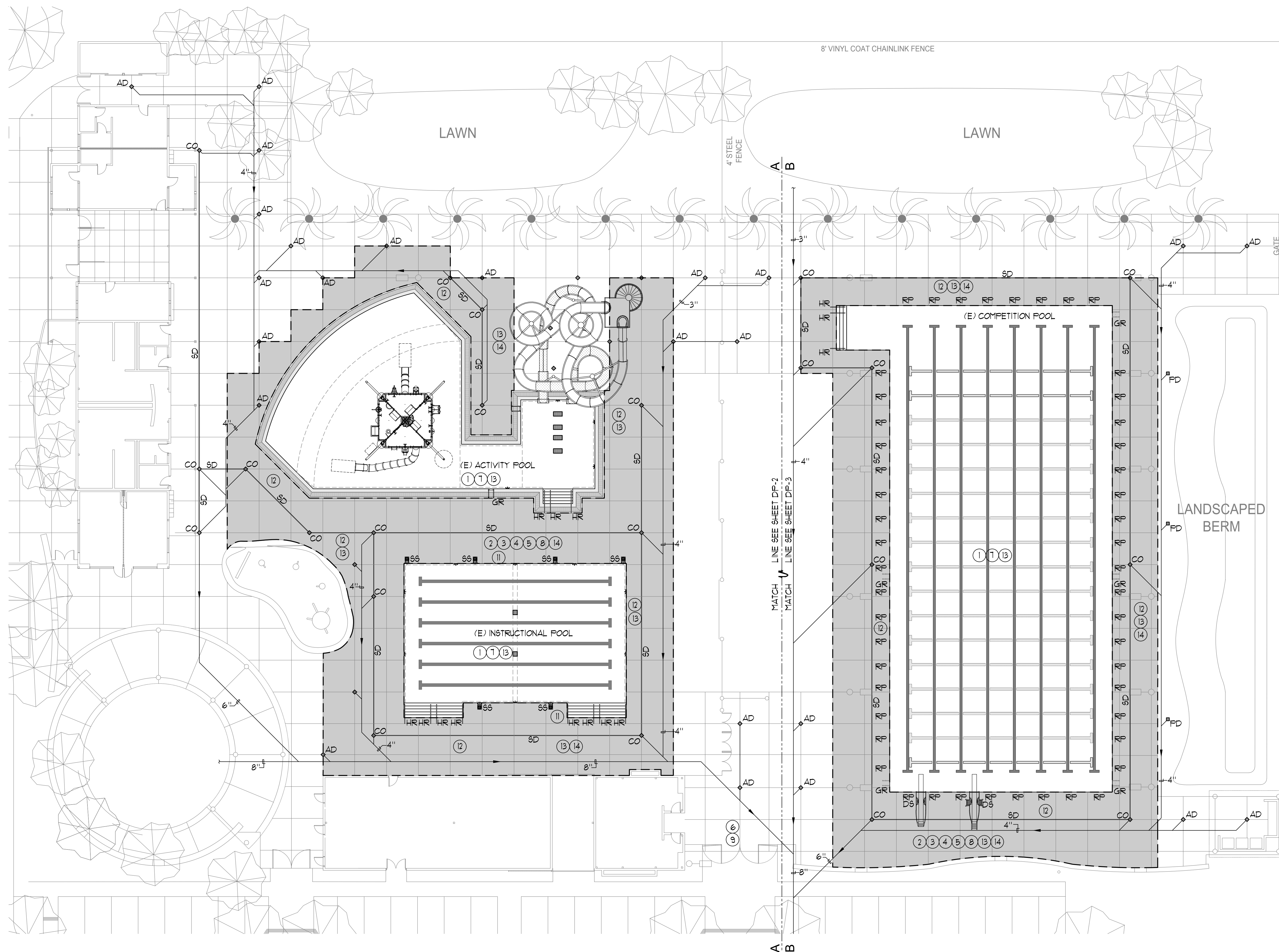
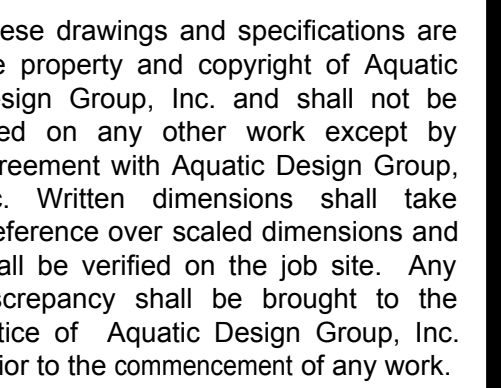
SURFACE AREA = 5,320 SQ. FT.
PERIMETER = 386 FT.

SURFACE AREA = 3,725 SQ. FT.
PERIMETER = 264 FT.

SURFACE AREA = 12,593 SQ. FT.
PERIMETER = 514 FT.

	=	(E) POOL CONCRETE DECKING LIMITS OF PREPARATION FOR LIFE FLOOR OVERLAY
(E)	=	EXISTING
GR	=	GRABRAIL
HR	=	HANDBRAIL
RP	=	RACING PLATFORM
DS	=	DIVING STAND
AD	=	AREA DRAIN
SD	=	SLOT DRAIN
CO	=	CLEAN-OUT
PD	=	PLANTER DRAIN

SEE SPECIFICATIONS FOR 'LIFE FLOOR' COLOR SELECTION. CONTRACTOR TO SUBMIT PLANS SHOWING COLOR LAYOUT AND SELECTION FOR OWNER APPROVAL.


$$1/16'' = 1'-0''$$


**MORGAN HILL AQUATIC CENTER
DECK RENOVATION**
16200 CONDIT ROAD
MORGAN HILL, CALIFORNIA 95037

[illegible]

EXISTING DECK REPARATION PLAN

PROJECT NO.	2016.065
DRAWN BY	GSF
CHECKED BY	SJF
SCALE	1/16"=1'-0"
DRAWING NO.	

DP-1

REVISIONS

ARCHITECT

PROJECT NO.	2016.06
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CHECKED BY SJF

DRAWING NO.

DRAWING NO.

DP-3


$$\frac{1}{8}'' = 1'-0''$$

PERIMETER = 514 FT.

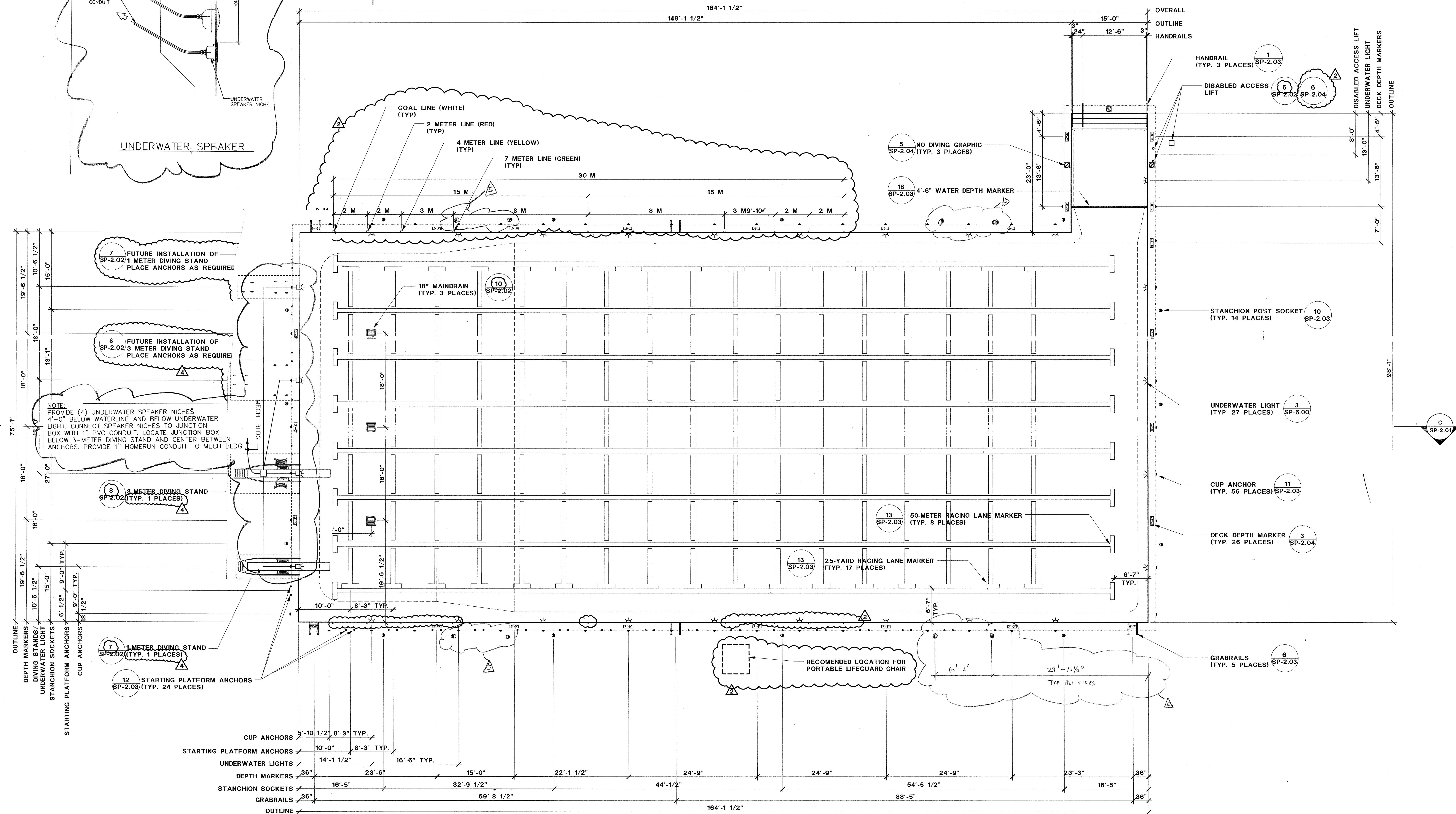
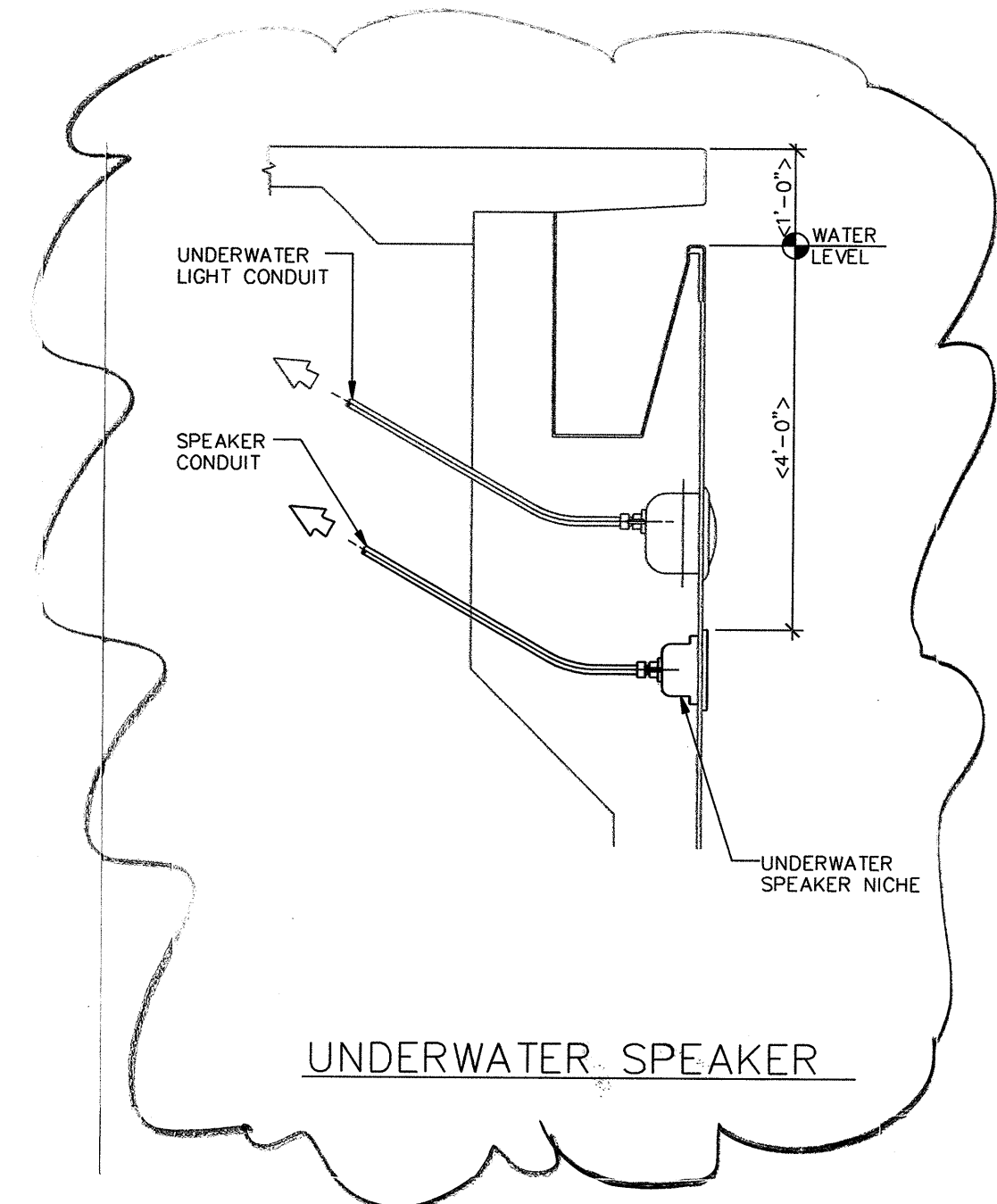
■ NEW POOL DECKING 'LIFE FLOOR' OVERLAY. REFER TO 'LIFE FLOOR' PLANS FOR COLOR AND TEXTURES

- NOTES:

- ① ENTIRE POOL DECK SHALL BE ACCESSIBLE. POOL DECKS SHALL HAVE MEDIUM BROOM NON-SLIP FINISH AND SHALL SLOPE 2% MAX IN ANY DIRECTION.
 - ② REFER TO EXISTING "REFERENCE PLANS" FOR LOCATIONS OF ALL DEDICATED AND CONFERENCE EQUIPMENT FIELD VERTY. ALL ANCHOR LOCATIONS AND ESCUTCHEONS TO MATCH EXISTING.
 - ③ SEE SPECIFICATIONS FOR "LIFE FLOOR" COLOR SELECTION. CONTRACTOR TO SUBMIT PLANS SHOWING COLOR LAYOUT AND SELECTION FOR OWNER APPROVAL.
- * REFER TO "REFERENCE PLANS" FOR EXISTING RACING PLATFORM LOCATIONS, STANCHION ANCHORS AND THE LIKE.

NOTES:

1. 1/2" WHITE PLASTER FINISH, UNLESS NOTED OTHERWISE.
2. SEE DETAIL 1/SP-2.02 FOR TYPICAL GUTTER SECTION.
3. SEE DETAIL 1/SP-2.04 FOR DEPTH MARKER LOCATIONS DETAIL.
4. SEE DETAIL 16/SP-2.03 FOR TILE AT FLOOR INLETS.
5. SEE DETAIL 15/SP-2.03 FOR INTERSECTING LANES DETAIL.
6. SEE DETAIL 2/SP-2.03 FOR STAIR SECTION DETAIL.
7. SEE DETAIL 4/SP-2.02 FOR SLOT DRAIN DETAIL.



DIMENSIONS

LENGTH	164'-1 1/2"
WIDTH	75'-1"
ALCOVE	15'-0"x18'-0"
PERIMETER	520 LF
SURFACE AREA	12,630 SQ. FT.
MINIMUM DEPTH	3'-6"
MAXIMUM DEPTH	13'-0"
VOLUME	105,000 CU. FT.
BATHING LOAD (IBC 3119 B.1.2)	788,000 GALLONS
OCCUPANT LOAD (TABLE 10-A)	431 PERSONS

LIGHTING

NUMBER OF LIGHTS	27
WATTAGE PER LIGHT	500 W
WATTAGE PER SQUARE FOOT	1.1 W/SQ. FT.
TOTAL WATTAGE	13,500 W

HEATING

INPUT CAPACITY	5,997,000 BTU/HR
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FILTERS

FILTER TYPE	HI-RATE SAND
FILTER AREA	150 SQ. FT.
FILTER FLOW RATE	2250 GPM
BACKWASH RATE	450 GPM
BACKWASH VALVE	AUTOMATIC

CIRCULATION SYSTEM

POOL PUMP	50 HP, 2330 GPM @ 70' HEAD
POOL TURNOVER	UNDER 6 HOURS

COMPETITION POOL DATA

ELS
ARCHITECTURE AND URBAN DESIGN

2040 Addison Street Berkeley, CA 94704
510.549.2929 510.843.3304 fax

MORGAN HILL AQUATICS
PROJECT RECORD DOCUMENT

Prepared: 8/3/04
Prepared by: J. Adham, Proj. Mgr.

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NO. 12864
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STATE OF CALIFORNIA

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3-2004
PLAN CHECK
COMMENTS

6-16-03 BULLETIN 1

5-5-03 POOL BID ISSUE

TITLE:
COMPETITION POOL
PLAN AND DATA
ALTERNATE 2

ISSUE: 100% POOL

SCALE: AS NOTED

DATE: 8-15-03

JOB NUMBER:

FILE:

FOR REFERENCE ONLY
SP-2.0A

**MORGAN HILL
AQUATICS**

PROJECT RECORD DOCUMENT

Gonsalves & Stronck Construction Co., Inc.
1000 Washington St., San Carlos, CA 94070

Date Prepared: 8/3/04

Omar J. Adham, Proj. Mgr.

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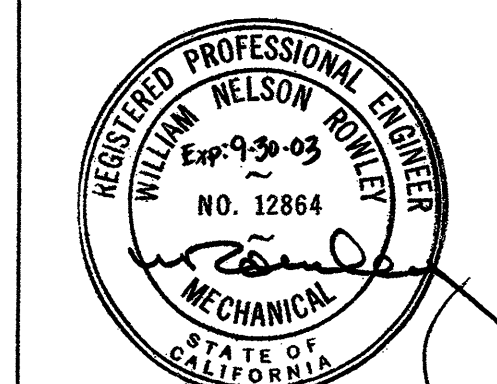
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TITLE:

COMPETITION POOL
SECTIONS
(INCLUDES ALTERNATE
SECTION) 2

ISSUE: 100% POOL

SCALE: AS NOTED

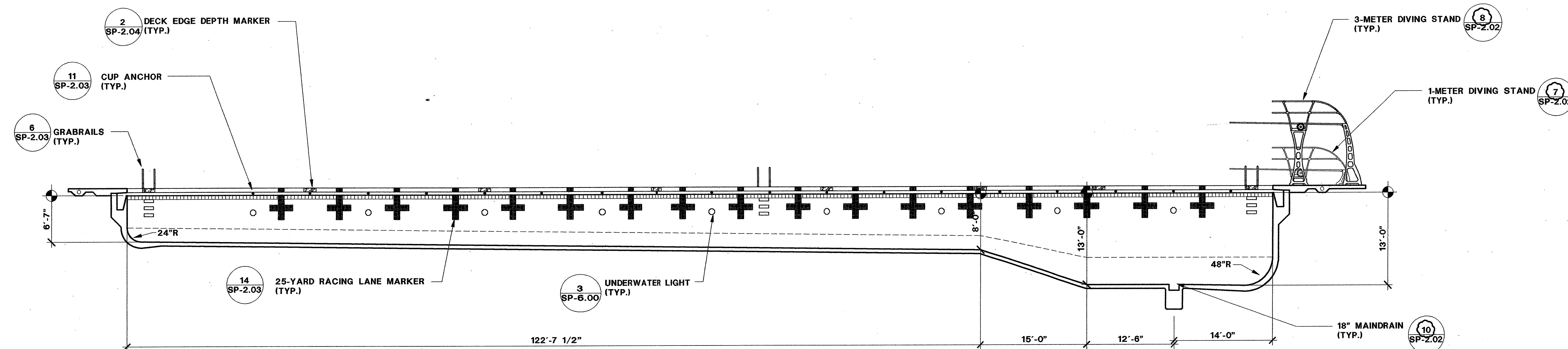
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SHEET:
FOR REFERENCE ONLY

SP-2.01

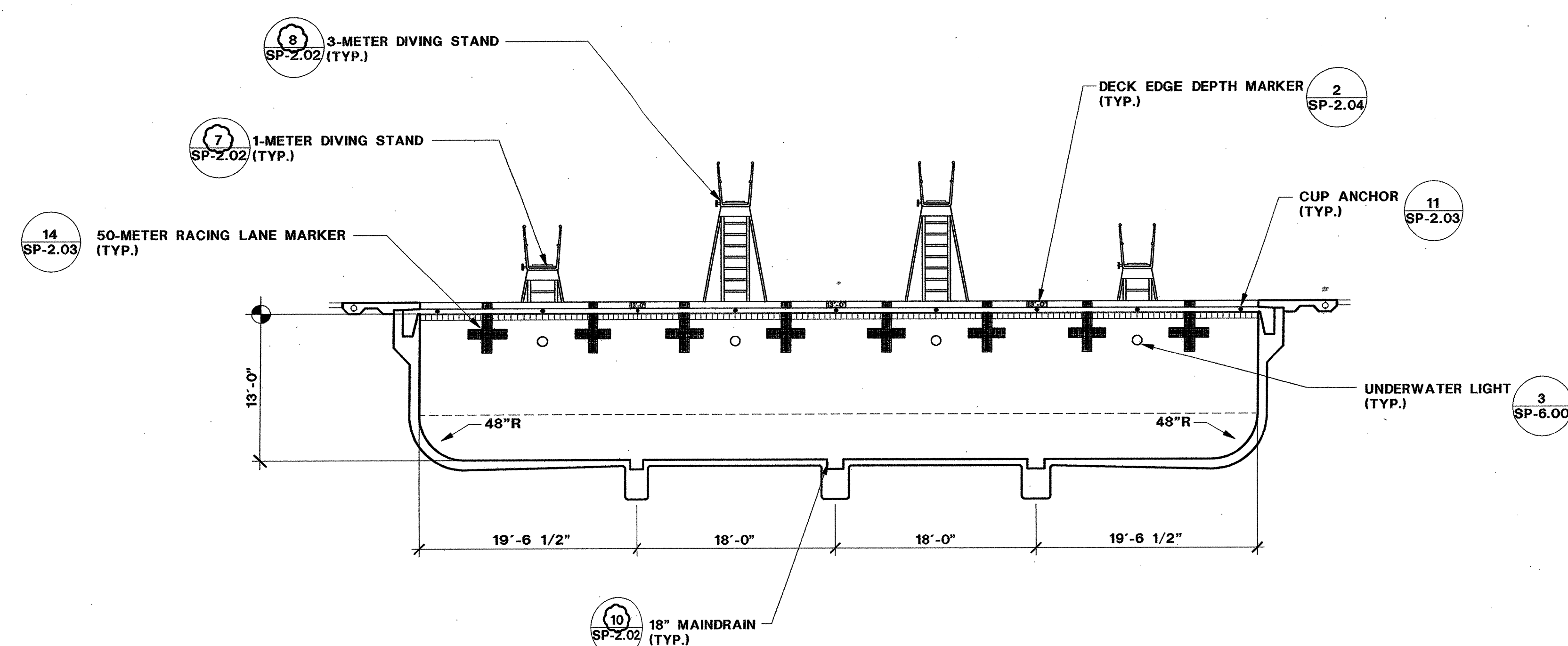


NOTES:

1. 1/2" WHITE PLASTER FINISH, UNLESS NOTED OTHERWISE.
2. SEE DETAIL 1/SP-2.02 FOR TYPICAL GUTTER SECTION.
3. SEE DETAIL 1/SP-2.04 FOR DEPTH MARKER LOCATIONS DETAIL.
4. SEE DETAIL 16/SP-2.03 FOR TILE AT FLOOR INLETS.
5. SEE DETAIL 15/SP-2.03 FOR INTERSECTING LANES DETAIL.
6. SEE DETAIL 2/SP-2.03 FOR STAIR SECTION DETAIL.
7. SEE DETAIL 4/SP-2.02 FOR SLOT DRAIN DETAIL.

~~COMPETITION POOL SECTION - ALTERNATE~~

SCALE: 1/8" = 1'-0"

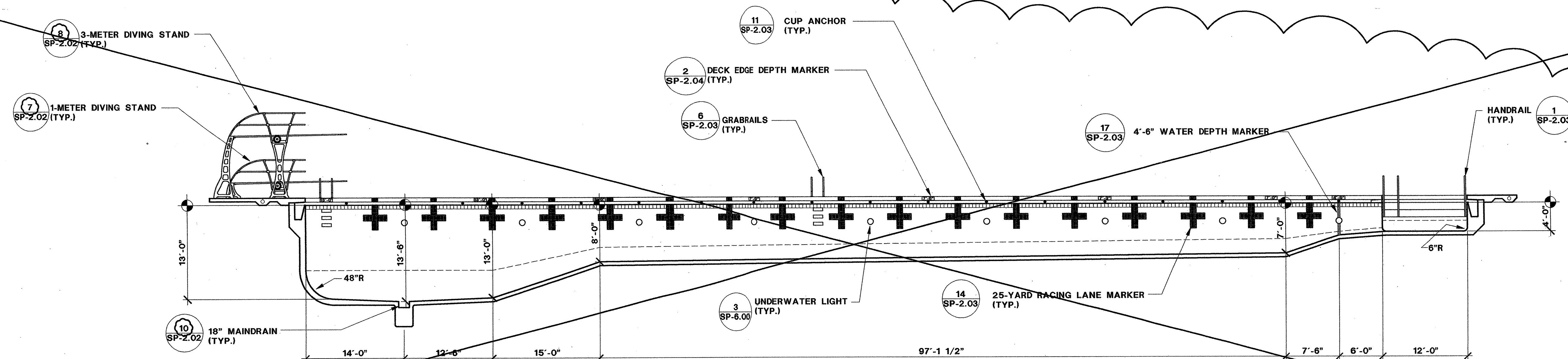


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COMPETITION POOL SECTION

SCALE: 1/8" = 1'-0"



NOTES:

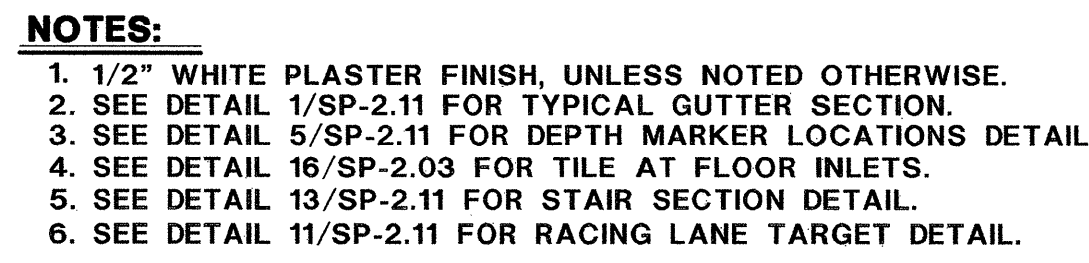
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COMPETITION POOL SECTION

AS C A I E: 1/8" = 1'-0"

FOR REFERENCE ONLY

INSTRUCTIONAL POOL DATA-ALTERNATE



INSTRUCTIONAL POOL DATA

PROJECT RECORD DOCUMENT

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1000 Washington St., San Carlos, CA 94070

Date Prepared: 8/3/04

Omar J. Adham, Proj. Mgr.

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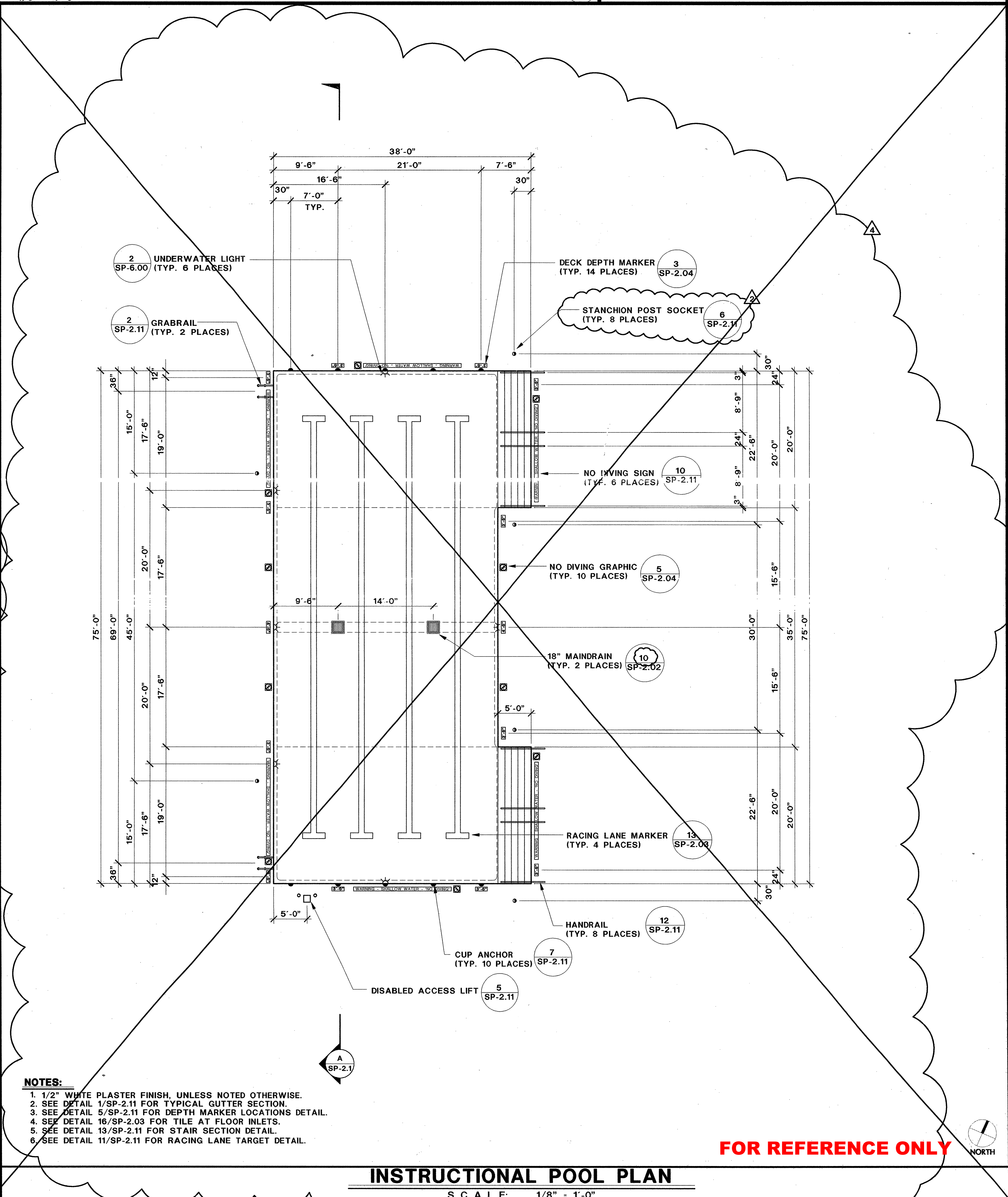
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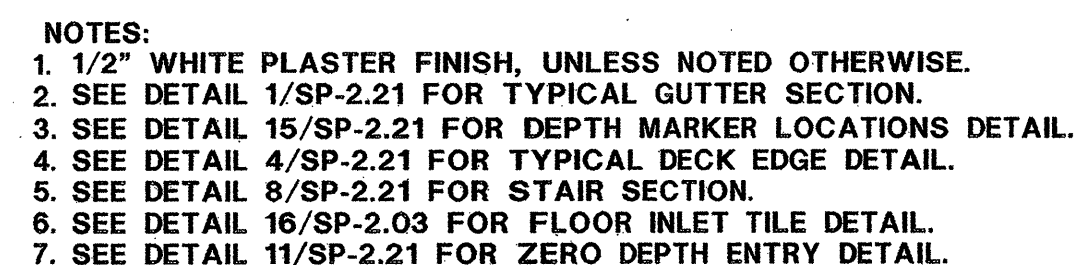
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INSTRUCTIONAL POOL
PLAN, SECTION, DATA
AND DETAILS
(INCLUDES ALTERNATE PLAN
AND DATA)

ISSUE:	100% POOL
SCALE:	AS NOTED
DATE:	8-15-03
JOB NUMBER:	
FILE:	

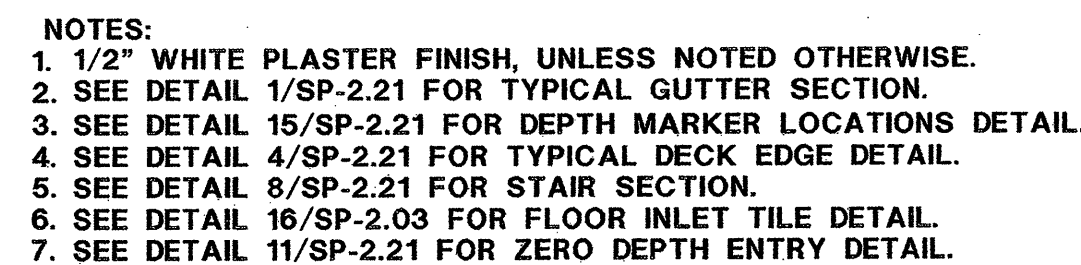
SHEET:
FOR REFERENCE ONLY
SP-2.1





SCALE: 1/8" = 1'-0"

(B)



SCALE: 1/8" = 1'-0"

(A

RECREATIONAL POOL DATA



Gonsalves & Stronck Construction Co., Inc.

Gonsalves & Stronck Construction Co., Inc.

Date Prepared: 8/3/04

Omar J. Adham, Proj. Mgr.

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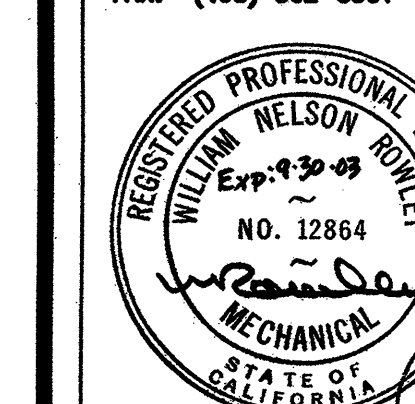
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(2)	6-16-03	BULLETIN 1
(1)	5-5-03	POOL BID ISSUE

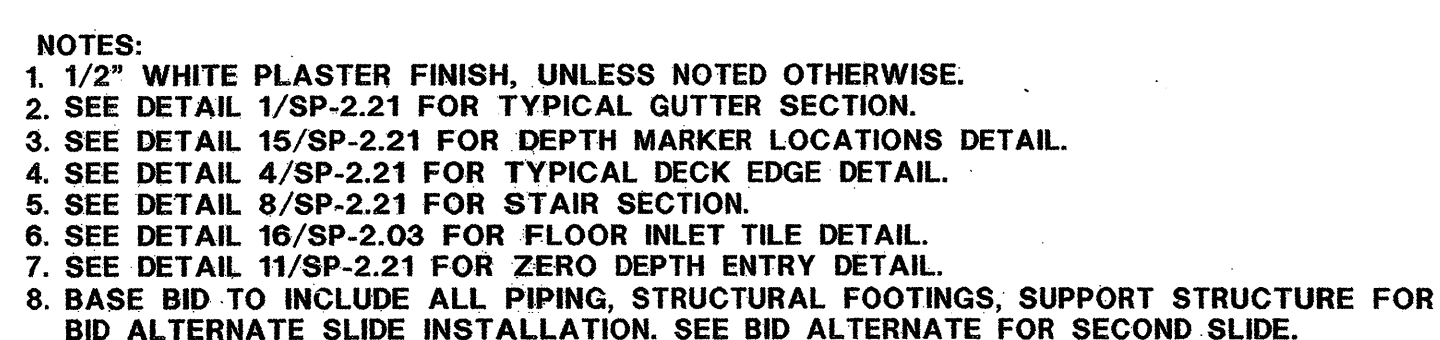
TITLE:

RECREATIONAL POOL
PLAN, SECTIONS, DATA
AND DETAILS

ISSUE:	100% POOL
SCALE:	AS NOTED
DATE:	6-16-03
JOB NUMBER:	
FILE:	
SHEET:	

FOR REFERENCE ONLY

SP-2.2



RECREATIONAL POOL PLAN - SOME WORK SUBJECT TO BID ALERNATE #4 FOR REFERENCE ONLY