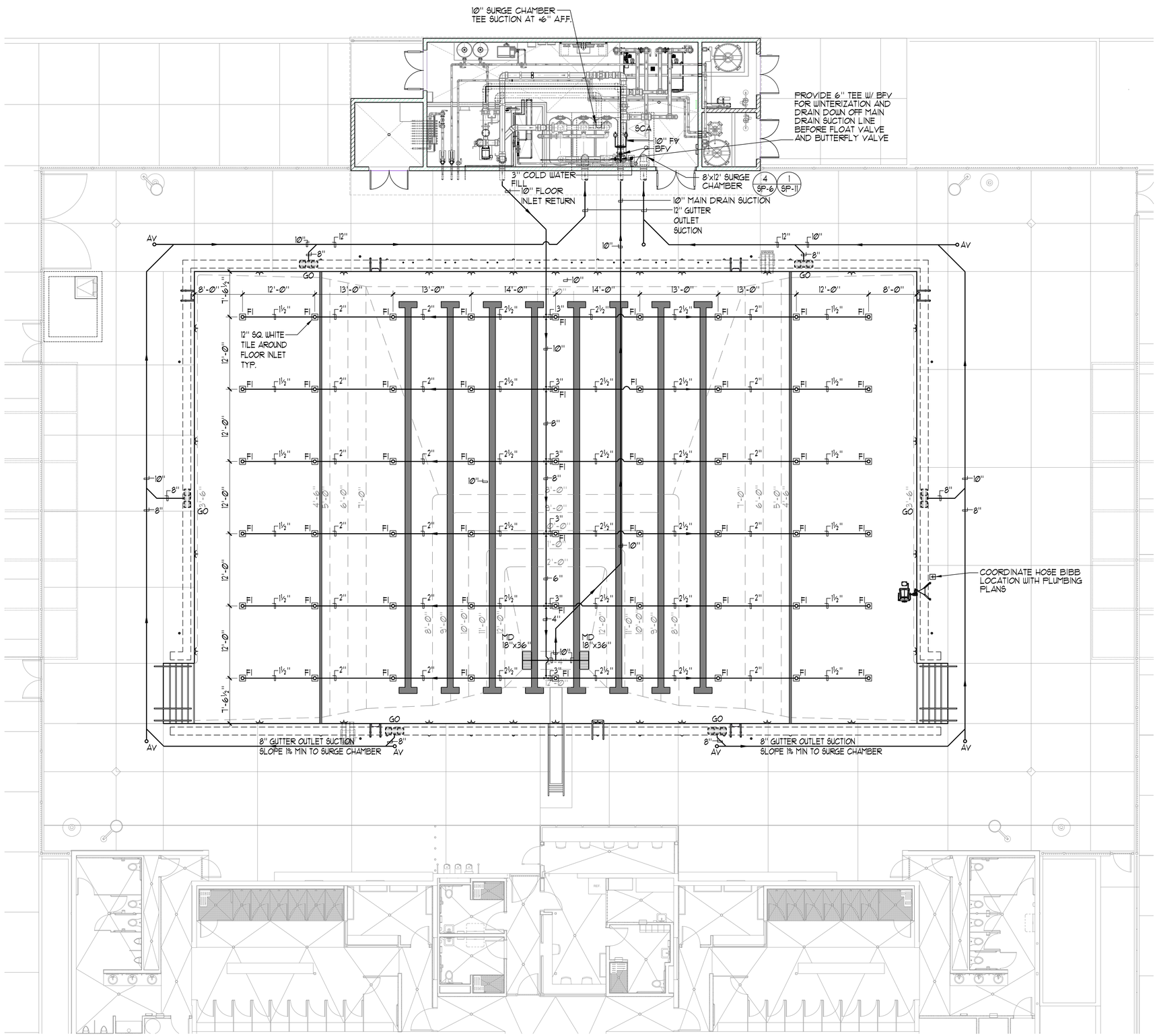

SWIMMING POOL DATA

SURFACE AREA	=	9,110 SQ. FT.
PERIMETER	=	410 FT.
DEPTH	=	3'-6" TO 12'-4"
VOLUME	=	449,966 GAL.
6 HR. TURNOVER	=	1,250 GPM

SURGE DATA

REQUIRED SURGE CAPACITY	=	9,110 GAL.
SURGE IN PERIMETER GUTTER	=	5,767 GAL.
8'x12' SURGE IN SURGE CHAMBER	=	3,595 GAL.
TOTAL SUPPLIED SURGE	=	9,362 GAL.

∴ 9,362 GAL. > 9,110 GAL. + 2% OK

LEGEND

MD	=	MAIN DRAIN	1 / SP-10
FI	=	FLOOR INLET	3 / SP-10
GO	=	GUTTER OUTLET	4 / SP-10
AV	=	AIR VENT	2 / SP-10
SCA	=	SURGE CHAMBER ACCESS	2 / SP-6
BFV	=	BUTTERFLY VALVE	2 / SP-11
FV	=	FLOAT VALVE	
A.F.F.	=	ABOVE FINISHED FLOOR	

NOTES:

3 / SP-11

1. PIPING ROUTES ARE SCHEMATIC IN NATURE AND SHOWN ON PLANS FOR CLARITY. CONTRACTOR SHALL ROUTE PIPING ACCORDINGLY TO MEET NOTED INVERT ELEVATIONS. REFER TO REFERENCED DETAIL FOR PIPE SPACING REQUIREMENTS.
2. ALL POOL PIPING SHALL BE SCHEDULE 80 PVC.
3. COORDINATE ALL PIPING WITH SITE AND BUILDING UTILITIES INCLUDING PIPING, CONDUITS / STRUCTURES AND THE LIKE. COORDINATE ROUTING OF PIPING THROUGH STRUCTURAL SLAB. ALL PIPING SHALL HAVE UNIFORM SLOPE IN ONE DIRECTION.
4. SURGE CHAMBER TEE SUCTION SHALL BE SET AT 16" A.F.F. MAINTAIN MAXIMUM SEPARATION BETWEEN SUCTION AND INFLUENT PIPING WITHIN THE SURGE CHAMBER.
5. EACH MAIN DRAIN SHALL BE EQUIPPED WITH HYDROSTATIC RELIEF VALVE PER RECOMMENDATIONS OF GEOTECHNICAL REPORT

BUREAU OF ENGINEERING
OFFICIAL RECORD

NORTH

1 **SWIMMING POOL PIPING PLAN** 1/8" = 1'-0"

AQUATIC DESIGN GROUP
2228 Faraday Ave. Carlsbad, CA 92008
AquaticDesignGroup.com
760.438.8430

CITY OF LOS ANGELES BUREAU OF ENGINEERING

NO.	REVISION DESCRIPTION	DATE	BY

BUILDING NO. -
INDEX NO. RP-300118

LICENSED ARCHITECT STATE OF CALIFORNIA C-26222 REG. 12/31/21

CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

GARY LEE MOORE, PE, ENV SP
ARCHITECTURAL DIVISION
LIC. NO.: C-26222

		DATE:
CITY ENGINEER		
ARCHITECT/ENGINEER:	SJF	12/01/2019
DESIGNED BY:	SJF	12/01/2019
DRAWN BY:	GSF	12/01/2019
CHECKED BY:	SJF	12/01/2019
APPROVED BY:	SJF	12/01/2019

VERTICAL CONTROL:
HORIZONTAL CONTROL:

SHEET TITLE: SWIMMING POOL PIPING PLAN

PROJECT: GRANADA HILLS POOL AND BATHHOUSE REPLACEMENT PROJECT

ADDRESS: 16730 CHATSWORTH STREET GRANADA HILLS, CA 91344

BID SET
PROJECT ISSUE DATE: 06/22/21

WORK ORDER NO. #E170517
PLAN FILE NO.
DRAWING NO. SP-2
SHEET O F SHEETS

THE CITY OF LOS ANGELES OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

FILE PATH: BIM 360://Granada Hills Pool Renovation/A_Granada-Hills_2017.rvt

SHEET ISSUE DATE: 12/01/19

REVISION DATES (DESIGN STAGE ONLY)