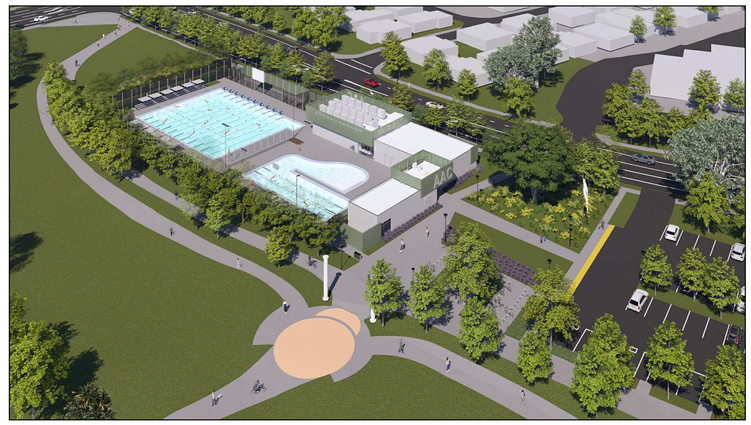
Exhibit 1 Item 5-A
Planning Board Meeting
June 23, 2025

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501



CITY OF ALAMEDA
RECREATION AND
PARK DEPARTMENT

2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER: 202407

PLANNING RESUBMITTAL 5

JUNE 9, 2025

els architecture+ urban design

REVISION

NUMBER	DATE	DESCRIPTION

PLANNING RESUBMITTAL 5

ABBREVIATIONS

d	PENNY (NAIL)	H.R.	HAND RAIL	T.B.	TOWEL BAR
PL	PROPERTY LINE	H.	HIGH	T.C.	TOP OF CURB
&	AND	H.B.	HOSE BIBB	T.O.C.	TOP OF CONCRETE
∠	ANGLE	H.C.	HOLLOW CORE	T.D.	TIE DOWN
@	AT	HDR.	HEADER	TEL.	TELEPHONE
CL	CENTERLINE	HDWD.	HARDWOOD	TEMP.	TEMPERED
ϕ	DIAMETER, ROUND	HDWE.	HARDWARE	TER.	TERRAZZO
	PERPENDICULAR	H.M.	HOLLOW METAL	T. & G.	TONGUE AND GROOVE
#	POUND, NUMBER	HORIZ.	HORIZONTAL	THK.	THICK
(E)	EXISTING	HR.	HOUR	THR.	THRESHOLD
(N)	NEW	HT.	HEIGHT	T.O.	TOP OF
				T.O.B.	TOP OF BENCH
				T.O.C	TOP OF CONCRETE
A.B.	ANCHOR BOLT	I.D.	INSIDE DIAMETER (DIMENSION)	T.O.S.	TOP OF STRUCTURE
ABV.	ABOVE	INSUL.	INSULATION	T.P.D.	TOILET PAPER DISPENSER
A.C.	ASPHALTIC CONCRETE	INT.	INTERIOR	TRANSF.	TRANSFORMER
ACC.	ACCESSIBLE	INTERM.	INTERMEDIATE	T.O.W.	TOP OF WALL
A/C	AIR CONDITIONING			TYP.	TYPICAL
ACOUS.	ACOUSTICAL				
A.D.	AREA DRAIN	JAN.	JANITOR		
ADJ.	ADJUSTABLE, ADJACENT	JST.	JOIST		
A.F.F.	ABOVE FINISH FLOOR	J.H.	JOIST HANGER	UNF.	UNFINISHED
AGGR.	AGGREGATE	JT.	JOINT	U.O.N.	UNLESS OTHERWISE NOTED
ALUM.	ALUMINUM			UR.	URINAL
ALT.	ALTERNATE				
A.P.	ACCESS PANEL	KIT.	KITCHEN		
APPROX.	APPROXIMATE			V.T.	VINYL TILE
ARCH.	ARCHITECT	L.B.	LAG BOLT	VERT.	VERTICAL
ASPH.	ASPHALT	LAM.	LAMINATE	VEST.	VESTIBULE
		LAV.	LAVATORY	V.I.F.	VERIFY IN FIELD
		LKR.	LOCKER		
BC	BOTTOM OF CURB	LOC.	LOCATION		
BSMT.	BASEMENT	L.	LONG		
BTW.	BETWEEN	LT.	LIGHT	W	WIDE
BD.	BOARD			W.	WEST
BITUM.	BITUMINOUS			W/	WITH
BLDG.	BUILDING	MACH.	MACHINE	W.C.	WATER CLOSET
BLK.	BLOCK	MAX.	MAXIMUM	W.I.	WROUGHT IRON
BLKG.	BLOCKING	M.B.	MACHINE BOLT	WD.	WOOD
BLW.	BELOW	M.C.	MEDICINE CABINET	W.F.	WIDE FLANGE
BM.	BEAM	MECH.	MECHANICAL	W.O.	WHERE OCCURS
B.O.	BOTTOM OF	MEMB.	MEMBRANE	W/O	WITHOUT
B.S.	BOTTOM OF SILL	MFR.	MANUFACTURER	WP.	WATERPROOF
B.R.	BOTTOM OR RISER	MH.	MANHOLE	WP. TYPE 1 (ETC.)	WATERPROOFING TYPE 1 (ETC.)
B.O.C.	BOTTOM OF CURB	MIN.	MINIMUM	WR	WATER RESISTANT
B.O.W.	BOTTOM OF WALL	MIR.	MIRROR	W.S.	WOOD SCREW
BOT.	BOTTOM	MISC.	MISCELLANEOUS	WSCT.	WAINSCOT
B.U.R.	BUILT-UP ROOFING	M.O.	MASONRY OPENING	WT.	WEIGHT
		MTD.	MOUNTED	W.W.F.	WELDED WIRE FABRIC
		MTL.	METAL		
CAB.	CABINET	MTP.	METAL TOILET PARTITION		
C.B.	CATCH BASIN	MTL.	METAL SIDING		
CEM.	CEMENT	MUL.	MULLION		
CEM. PLAS.	CEMENT PLASTER				
CER.	CERAMIC				
C.I.	CAST IRON	(N)	NEW		
C.J.	CONTROL JOINT	N.	NORTH		
CLG.	CEILING	N.I.C.	NOT IN CONTRACT		
CLKG.	CAULKING	NO.	NUMBER		
CH.	COAT HOOK	NOM.	NOMINAL		
C.J.	CONSTRUCTION JOINT	N.T.S.	NOT TO SCALE		
CLO.	CLOSET				
C.O.	CLEAN_OUT				
CLR.	CLEAR				
COL.	COLUMN	O.A.	OVERALL		
COMP.	COMPOSITION	OBSC.	OBSCURE		
CONC.	CONCRETE	O.C.	ON CENTER		
C.M.U.	CONCRETE MASONRY UNIT	OD	OVERFLOW DRAIN		
CONN.	CONNECTION	O.D.	OUTSIDE DIAMETER		
CONST.	CONSTRUCTION	O.F.C.I.	OWNER FURNISHED CONTRACTOR INSTALLED		
CONT.	CONTINUOUS				
CORR.	CORRIDOR	OFF.	OFFICE		
C.T.	CERAMIC TILE	O.H.	OVERHEAD		
CTSK.	COUNTERSINK	OPNG.	OPENING		
CNTR.	COUNTER	OPP.	OPPOSITE		
CPT.	CARPET				
CTR.	CENTER	PART'N.	PARTITION		
CW.	CURTAIN WALL	P & SH.	POLE AND SHELF		
		P.B.	PARTICLE BOARD		
D.	DEEP	P.D.	PLANTER DRAIN		
DBL.	DOUBLE	PLUMB.	PLUMBING		
D.C. TYPE 1 (ETC.)	DECK COATING TYPE 1 (ETC.)	PRCST.	PRECAST		
D.D	DECK DRAIN	PREFAB.	PRE-FABRICATED		
DEMO.	DEMOLISH	PTDF	PRESSURE TREATED DOUGLAS FIR		
DEPT.	DEPARTMENT	PL.	PLATE		
DET.	DETAIL	P. LAM.	PLASTIC LAMINATE		
D.F.	DOUGLAS FIR, DRINKING FOUNTAIN	PLAS.	PLASTER		
DIAM.	DIAMETER	PLYWD.	PLYWOOD		
DIAG.	DIAGONAL	PTP	PLASTIC TOILET PARTITION		
DIM.	DIMENSION	PR.	PAIR		
DISP.	DISPENSER	PT.	POINT, POINT		
DN.	DOWN	PTD	PAINTED		
D.O.	DOOR OPENING	PTN, PART.	PARTITION		
DR.	DOOR	P.T.R.	PAPER TOWEL RECPTACLE		
DWG.	DRAWING				
D.W.P.	DESIGN WORKING POINT				
DWR.	DRAWER	Q.T.	QUARRY TILE		
D.S.	DAVIT SOCKET				
D.S.P.	DRY STANDPIPE	r,	RADIUS		
		R.	RISER		
E.	EAST	(R)	REMOVE		
EA.	EACH	R.D.	ROOF DRAIN		
E.B.	EXPANSION BOLT	REF.	REFERENCE		
E.F.	EXHAUST FAN	REFER.	REFRIGERATOR		
E.F.S.	EXTER. FINISH SYSTEM	RGTR.	REGISTER		
E.I.F.S.	EXTER. INSUL. & FIN. SYST.	REINF.	REINFORCED		
E.J.	EXPANSION JOINT	REQ'D	REQUIRED		
ELECT.	ELECTRICAL				
EL.	ELEVATION				
ELEV.	ELEVATOR	RESIL.	RESILIENT		
EMER.	EMERGENCY	RET.	RETAINING		
ENAM.	ENAMELED	REV.	REVISION, REVISED		
ENCL.	ENCLOSURE	RM.	ROOM		
E.P.	ELECTRICAL PANEL	R.O.	ROUGH OPENING		
EQ.	EQUAL	RDWD.	REDWOOD		
EQUIP.	EQUIPMENT	R.W.L.	RAIN WATER LEADER		
E.W.	EACH WAY	R.B.	RUBBER BASE		
E.W.C.	ELECTRIC WATER COOLER				
(E)	EXISTING				
EXPO.	EXPOSED	S.	SOUTH		
EXP.	EXPANSION	S.C.	SOLID CORE		
EXT.	EXTERIOR	S.C.D.	SEE CIVIL DRAWINGS		
		SCH.	SCHEDULE		
F.A.	FIRE ALARM	S.D.	SOAP DISPENSER		
F.B.	FOOTBOARD	SECT.	SECTION		
F.D.	FLOOR DRAIN	S.E.D.	SEE ELECTRICAL DRAWINGS		
FDN.	FOUNDATION	SH.	SHELF		
F.E.	FIRE EXTINGUISHER	S.H.V.C.	SURFACE MOUNTED HOSE VALVE CABINET		
F.E.C.	FIRE EXTINGUISHER CABINET				
F.H.	FIRE HYDRANT	SHR.	SHOWER		
F.F.	FINISH FLOOR	SHT.	SHEET		
F.H.C.	FIRE HOSE CABINET	SIM.	SIMILAR		
FIN.	FINISH	S.L.D.	SEE LANDSCAPE DRAWINGS		
FIXT.	FIXTURE	S.M.	SHEET METAL		
FLR.	FLOOR	S.M.D.	SEE MECH. DRAWINGS		
FLASH.	FLASHING	S.N.D.	SANITARY NAPKIN DISPENSER		
FLUOR.	FLUORESCENT	S.N.R.	SANITARY NAPKIN RECEPTACLE		
F.O.	FACE OF	SPEC.	SPECIFICATION		
F.O.C.	FACE OF CONCRETE	S.P.R.	SINGLE-PLY ROOFING		
F.O.F.	FACE OF FINISH	SQ.	SQUARE		
F.O.S.	FACE OF STUDS		SQUARE FOOT, SQUARE FEET		
FPRF.	FIREPROOF	S.S.	STAINLESS STEEL		
FRMG.	FRAMING	S.S.D.	SEE STRUCTURAL DRAWINGS		
F.S.R.	FIRE SPRINKLER RISER	S. SK.	SERVICE SINK		
F.S.	FLOOR SINK	STA.	STATION		
FT.	FOOT, FEET	STD,	STANDARD		
FTG.	FOOTING	STL.	STEEL		
FND.	FOUNDATION	STOR.	STORAGE		
FURR.	FURRING	STRUCT.	STRUCTURAL		
FUT.	FUTURE	SUSP.	SUSPENDED		
		SAT	SUSPENDED ACOUSTICAL TILE		
GA.	GAUGE	S.V.	SHEET VINYL		
GALV.	GALVANIZED	SYM.	SYMMETRICAL		
G.B.	GRAB BAR				
GWB.	GYPSUM WALL BOARD				
G.I.	GALVANIZED IRON				
G.F.I.	GROUND FAULT INTERRUPTER				
G.F.R.C.	GLASS FIBER REINF. CONC.				
GL.	GLASS				
GND.	GROUND				
GR.	GRADE				
G.R.G.	GLASS REINFORCED GYPSUM				
GYP.	GYPSUM				

GENERAL NOTES

1. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS WITH EACH OTHER AND SHALL AT ONCE REPORT TO THE ARCHITECT ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED. IF THE CONTRACTOR PERFORMS ANY CONSTRUCTION ACTIVITY KNOWING IT INVOLVES A RECOGNIZED ERROR, INCONSISTENCY OR OMISSION IN THE CONTRACT DOCUMENTS WITHOUT SUCH NOTICE TO THE ARCHITECT, THE CONTRACTOR SHALL ASSUME APPROPRIATE RESPONSIBILITY FOR SUCH PERFORMANCE AND SHALL BEAR AN APPROPRIATE AMOUNT OF THE ATTRIBUTABLE COSTS FOR CORRECTION.
2. WHERE NEW CONSTRUCTION ABUTS EXISTING CONSTRUCTION TO REMAIN, ALL CONDITIONS AFFECTING WORK PROGRESS AND CONFORMANCE TO PLANS AND SPECIFICATIONS SHALL BE VERIFIED BY CONTRACTOR PRIOR TO START OF WORK.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED MEASUREMENTS. WHERE DISCREPANCIES IN DIMENSIONS OCCUR THEY SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
4. ALL WORK AND MATERIALS SHALL BE IN ACCORD WITH THE LATEST RULES AND REGULATIONS OF ALL APPLICABLE STATE AND/OR LOCAL CODES, LAWS, ORDINANCES, STATUTES AND REGULATIONS. NOTHING IN THE DRAWINGS OR SPECIFICATIONS SHALL BE CONSTRUED AS REQUIRING OR PERMITTING WORK CONTRARY TO THESE RULES, REGULATIONS, AND CODES.
5. THE DRAWINGS INDICATE LOCATIONS, DIMENSIONS, AND TYPICAL DETAILS OF CONSTRUCTION. THE DRAWINGS DO NOT ILLUSTRATE EVERY CONDITION; WORK NOT EXPRESSLY DETAILED SHALL BE OF CONSTRUCTION SIMILAR TO PARTS THAT ARE DETAILED. WHERE DISCREPANCIES OCCUR, THEY SHALL BE REPORTED TO THE ARCHITECT FOR RESOLUTION.
6. SITE BOUNDARY LINES, BOUNDARY DIMENSIONS, BOUNDARY DECLINATIONS, AND EXISTING GRADES ARE BASED UPON THE SURVEY DRAWING. THE CONTRACTOR SHALL BE DEEMED TO HAVE INSPECTED THE SITE AND SATISFIED HIMSELF AS TO ACTUAL GRADES, LEVELS, DIMENSIONS, AND DECLINATIONS AND THE TRUE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
7. MASONRY DIMENSIONS ARE GIVEN TO THE NOMINAL FACE OF MASONRY. DIMENSIONS ARE TO BE FACE OF FINISH UNLESS OTHERWISE NOTED. DO NOT SCALE THE DRAWINGS. LAY OUT WORK FOLLOWING WRITTEN DIMENSIONS. IF WRITTEN DIMENSIONS ARE LACKING, NOTIFY THE ARCHITECT AT ONCE. IF NO LOCATING DIMENSIONS ARE SHOWN, DOOR OPENINGS ARE LOCATED BY THE DOOR DETAILS.
8. DIMENSIONS AND ELEVATIONS ON THESE DRAWINGS REFER TO BUILDING DATUM, UNLESS OTHERWISE NOTED.
9. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS BEFORE BIDDING.

SYMBOLS LEGEND

PROJECT LOCATION

PROJECT DESCRIPTION

THE PROJECT SITE IS LOCATED AT THE WESTERN END OF JEAN SWEENEY OPEN SPACE PARK NEAR THE CROSSROADS OF WILMA CHAN WAY AND ATLANTIC AVENUE.

ALAMEDA AQUATICS CENTER IS A NEW ALL-ELECTRIC SWIM CENTER THAT INCLUDES A ONE-STORY BUILDING WITH SUPPORT SPACES FOR A 30M COMPETITIVE SWIMMING POOL, A SMALLER ACTIVITY POOL AND SPECTATOR SEATING AREAS OFF THE POOLS.

THE FACILITY IS AN L-SHAPED BUILDING, WITH A NORTH WING THAT CONTAINS POOL MECHANICAL EQUIPMENT, ELECTRICAL ROOM, LOCKER ROOMS, AND LIFEGUARD ROOM AND A SOUTH WING THAT CONTAINS ADMINISTRATION OFFICES, AND MULTIPURPOSE ROOM. THE TWO WINGS ARE CONNECTED BY A COVERED BREEZEWAY THAT FUNCTIONS AS THE FACILITY'S PRIMARY ENTRY.

THE PERIMETER OF THE POOL DECK IS SURROUNDED BY FENCING WHICH WILL BE A MINIMUM OF 10'H FOR SECURITY AND WILL BE RAISED TO 15' ALONG THE WEST TO PROVIDE NEEDED WIND PROTECTION FOR THE POOLS WITH A COMBINATION OF SOLID AND SEMI-POROUS FENCING.

THE PROJECT'S LANDSCAPE IMPROVEMENTS INCLUDE AN ENTRY PLAZA, BICYCLE PARKING, AND PARKING LOT.

SHEET INDEX

els architecture+ urban design

PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:

202407

CLIENT:

CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:

INDEX SHEET & GENERAL NOTES - PS

SHEET NUMBER:

A001

CODE ANALYSIS

APPLICABLE CODES:

California Code of Regulations, Title 24, Published by the California Building Standards Commission:
Part 1, "2022 California Administrative Code"(CAC)
Part 2, "2022 California Building Code" (CBC)
Part 3, "2022 California Electrical Code"(CEC)
Part 4, "2022 California Mechanical Code" (CMC)
Part 5, "2022 California Plumbing Code" (CPC)
Part 6, "2022 California Energy Code"(CEC)
Part 9, "2022 California Fire Code"(CFC)
Part 11, "2022 California Green Building Standards Code"
Part 12, "2022 California Reference Standards Code"

City of Alameda Municipal Codes

CBC SUMMARY:

CHAPTER 3: OCCUPANCY CLASSIFICATION AND USE

A-5 Outdoor Swimming Pool with Spectator Seating
A-3 Multipurpose Room
B Offices
S-2 Low Hazard Storage

CHAPTER 5: GENERAL BUILDING HEIGHTS AND AREAS

504: Building Height and Number of Stories
Building Height: The vertical distance from grade plane to the average height of the highest roof surface.

Grade Plane: A reference plane representing the average of finished ground level adjoining the building at exterior walls. Where the finished ground level slopes away from the exterior walls, the reference plane shall be established by the lowest points within the area between the building and the lot line or, where the lot line is more than 6 feet (1829 mm) from the building, between the building and a point 6 feet (1829 mm) from the building.

Stories: 1
Max Building Height*: 20'-4"

*See exterior elevations A301 for location of measurement from established grade plane

506: Building Area in Square Feet:
The area included within surrounding exterior walls, or exterior walls and fire walls, exclusive of vent shafts and courts. Areas of the building not provided with surrounding walls shall be included in the building area if such areas are included within the horizontal projection of the roof or floor above.

Enclosed Building Area:	5,740.07
Covered Roof Area:	750.58
Total Building Area:	**6,490.65**

Section 508.3 Non-separated occupancies:
Different occupancies are not required to be separated as long as building area and height are based on the requirements of the most restrictive occupancy. The most restrictive occupancy is A-3, therefore if the building complies with code allowances for A-3 occupancy we can consider the building to be a nonseparated A-3 occupancy.

Construction Type	Most Restrictive Occupancy	Area (SF) Per Table 506.2	Height (Stories / Feet)
VB	A-3	24,000 sf (S1)	1 / 60'

Table assumes building is fully sprinklered.

CHAPTER 6: TYPES OF CONSTRUCTION

Fire resistance rating of building elements in hours

Building Element	Construction Type VB
Primary structural frame	0
Bearing wall - exterior	0
Bearing wall - interior	0
Non-bearing walls - exterior	0
Non-bearing walls - interior	0
Floor construction and secondary members	0
Roof construction and secondary members	0

CHAPTER 7: SMOKE AND PROTECTION FEATURES

Fire Resistance Rating For Exterior Walls Based on Fire Separation Distance
Based on Table 705.5 for Construction Type VB Occupancy Groups A, B, S-2

Fire separation distance = X feet	Rating (Hours)
$x < 5$	1
$5 \leq X < 10$	1
$10 \leq X < 30$	0
$X < 30$	0

CHAPTER 7A: MATERIALS AND CONSTRUCTION METHODS FOR EXTERIOR WILDFIRE EXPOSURE
Project is not located in a WUI (Wildland Urban Interface) Area as defined by 702a and this chapter does not apply.

CHAPTER 8: INTERIOR FINISHES

Interior wall and ceiling finish requirements by occupancy
Based on Table 803.13 for a sprinklered building rating class as defined by 803.1.2.

Group	Interior exit stairways and ramps and exit passageways	Corridors and enclosure for exit access stairways and ramps	Rooms and enclosed spaces
A-3	B	B	C

CHAPTER 9: FIRE PROTECTION AND LIFE SAFETY SYSTEM
Fire Area: Fire area is defined as the floor area enclosed by exterior building walls. Horizontal projections of the roof or floor above shall be included in the fire area.

Fire area does not exceed 12,000 SF. Sprinklers are not required by Chapter 9, but are required for our building area and construction per Chapter 5, therefore sprinkler system to be provided.

CHAPTER 10: MEANS OF EGRESS
Means of egress is to be provided per the calculated occupant loads for the various occupancy groups per Table 1004.1.2. The number of exits provided are based on the calculated occupant loads per Tables 1006.3.1 and 1006.3.2(2) with 2 exits provided where there are more than 49 occupants, 3 exits for more than 500 occupants and 4 exits for more than 1,000 occupants. The egress component widths for the exterior areas such as the pool and pool deck will be calculated per CBC Sections 1005.3.1 and 1005.3.2 as unsprinklered areas.

CHAPTER 11B: ACCESSIBILITY TO PUBLIC BUILDINGS, ACCOMMODATIONS, COMMERCIAL BUILDINGS AND PUBLIC HOUSING

The building is a public accommodation and is to be accessible per the requirements of CBC Chapter 11B.

Water slides, raised diving boards and diving platforms shall not be required to comply with these requirements or to be on an accessible route; an accessible route complying with Division 4 shall be provided to the ground- or floor-level entry points, where provided, of stairs, ladders or other means of reaching the raised elements or area

PLUMBING FIXTURE ANALYSIS

PLUMBING FIXTURE CALCULATION PER CBC SECTION 3116B.2--DEPT. OF PUBLIC HEALTH

PLUMBING FIXTURE OCCUPANT COUNT PER CBC SECTION 3116B.2

	AREA	OLF*		OCC. LOAD
LAP POOL	7,448 SF	15	GSF	497
ACTIVITY POOL	3,015 SF	15	GSF	202
	10,463 SF			699

PLUMBING FIXTURES REQUIRED PER CBC 3116B.2 & CBC 3117B

OCCUPANCY: SWIMMING POOLS*				OCCUPANTS: 699			(350 MALE, 350 FEMALE)
	WATER CLOSET		URINAL	LAVATORIES	BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE				
REQUIRED:	**5**	**6**	**5**	**9**	**14**	**4**	

*per CBC Section 3116B.2 and 3117B.

THE PROJECT ALSO COMPLIES WITH THE CALIFORNIA PLUMBING CODE 422:

PLUMBING FIXTURE OCCUPANT COUNT PER CPC TABLE 4-1

AREA	TYPE OF OCCUPANCY	AREA	LOAD FACTOR	NO. OF OCCUPANTS
ASSEMBLY USE - CONFERENCE, DINING/DRINKING, LOUNGE (PORTABLE SEATING/TABLE SPACE)				
MULTI-PURPOSE ROOM	A-3	309 SF	30	11
				11
ASSEMBLY USE - CONFERENCE, DINING/DRINKING, LOUNGE (PORTABLE SEATING/TABLE SPACE)				
LAWN	A-5	770 SF	30	26
				26
ASSEMBLY USE - FIXED SEATS				
SPECTATOR SEATING	A-5	263 SF	50% SEATS	48
SPECTATOR SEATING	A-5	283 SF	50% SEATS	49
SPECTATOR SEATING	A-5	177 SF	50% SEATS	30
				127
EXERCISE (FITNESS)				
ACTIVITY POOL	A-5	3,015 SF	50	61
LAP POOL	A-5	7,448 SF	50	149
				210
BUSINESS USE - OFFICE, SALES/SOLICITING, ADMINISTRATION, FOOD PROCESSING, COURTROOM, AMBULATORY CLINIC				
TICKETING	B	194 SF	150	2
MANAGER OFFICE	B	129 SF	150	1
AQUATICS DIRECTOR OFFICE	B	159 SF	150	2
LIFEGUARD / FIRST AID	B	293 SF	150	2
				7
TOTAL OCCUPANTS				381

PLUMBING FIXTURES REQUIRED PER CPC TABLE 422.1

OCCUPANCY: ASSEMBLY - A-3*				OCCUPANTS: 403				(202 MALE, 202 FEMALE)
	WATER CLOSET		URINAL	LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
	MALE	FEMALE	MALE	MALE	FEMALE			
REQUIRED:	**3**	**6**	**2**	**2**	**4**	–	**2**	**1 Service Sink**

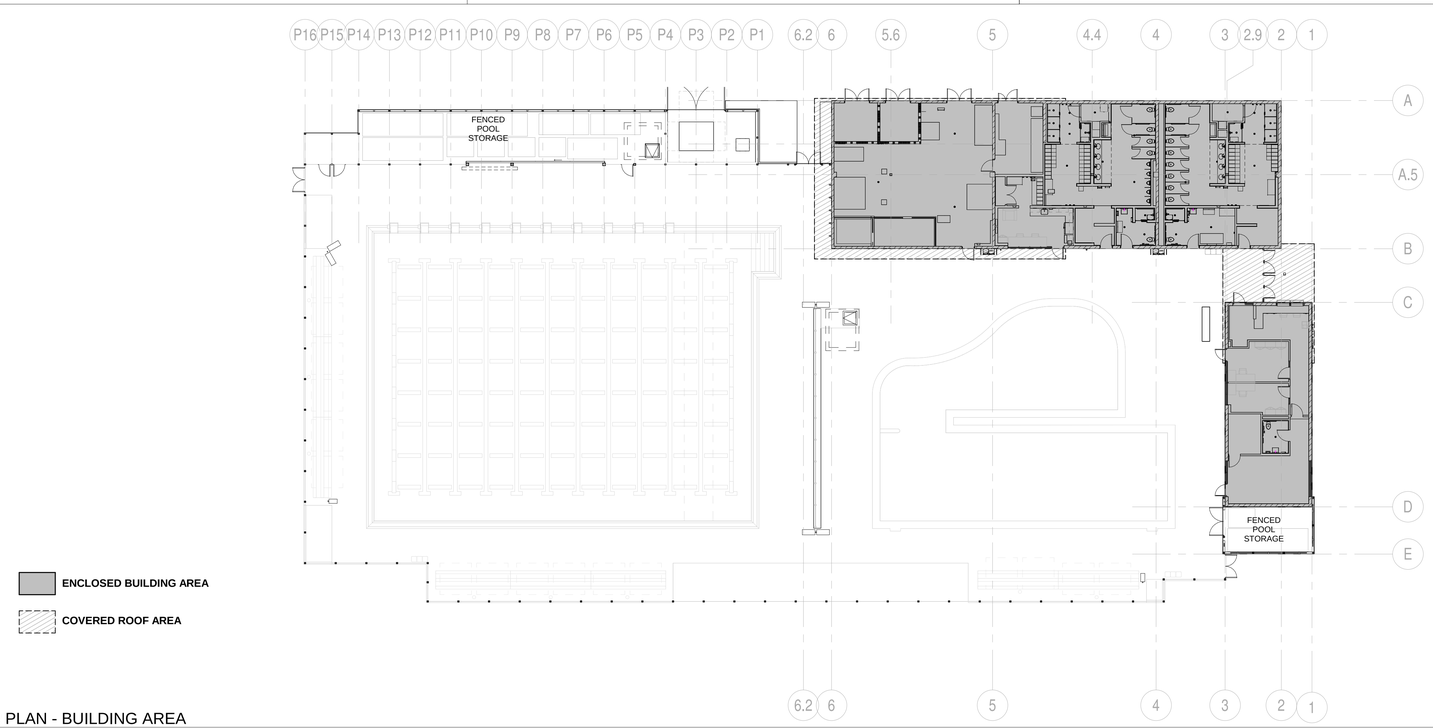
*Typical without fixed or permanent seating; arcades, places of worship, museums, libraries, lecture halls, gymnasiums (without spectator seating), indoor pools (without spectator seating)

PLUMBING FIXTURES PROVIDED

FIXTURE COUNTS EQUAL OR EXCEED CH. 31B REQUIREMENTS WHICH ARE MORE STRINGENT THAN CPC REQUIREMENTS FOR THIS PROJECT.

	WATER CLOSET		URINAL	LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	SERVICE SINKS
	MALE	FEMALE	MALE	MALE	FEMALE			
PROVIDED:	5	9	5	4	4	15	4	2

NOTES:
1. FIXTURES IN ALL-GENDER/GENDER NEUTRAL AND SINGLE-OCCUPANCY TOILET ROOMS ARE ASSIGNED EQUALLY TO MEN AND WOMEN.
2. FIXTURES IN THE SINGLE-OCCUPANCY OFFICE RESTROOM ARE EXCLUDED FROM THE COUNT, FOR THE PURPOSES OF THE CODE ANALYSIS.



1 FLOOR PLAN - BUILDING AREA
1/16" = 1'-0"

els architecture+ urban design

PROJECT:

ALAMEDA AQUATIC CENTER
800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT TEAM:

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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

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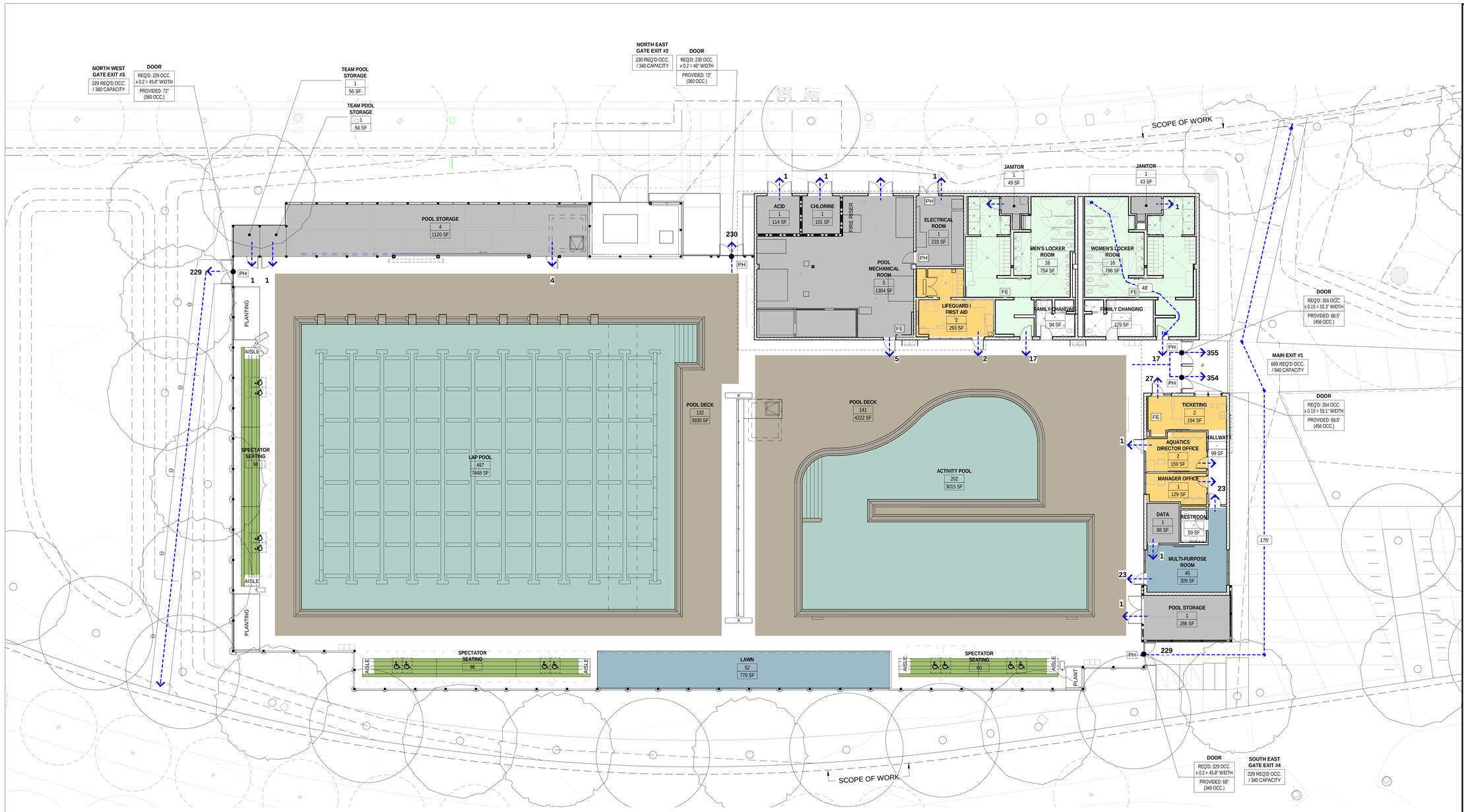
SHEET TITLE:
CODE ANALYSIS & PLUMBING FIXTURE CALCULATIONS

SHEET NUMBER:
A002



1 EGRESS PLAN
3/32" = 1'-0"

EGRESS LEGEND

- ACCESSORY MECHANICAL AND STORAGE AREAS
- ASSEMBLY USE - FIXED SEATING
- ASSEMBLY USE - UNCONCENTRATED
- BUSINESS USE - CONCENTRATED
- BUSINESS USE - GENERAL
- POOL DECKS
- SWIMMING POOLS
- UNOCCUPIED

NAME — AREA NAME OR NUMBER (SEE EGRESS SCHEDULE)
100 — OCCUPANT LOAD
3500 SF — AREA (SF) (OPTIONAL)

EXIT # — EXIT NUMBER (OPTIONAL)
200 REQ'D OCC. / 240 CAPACITY — ACTUAL NUMBER OF OCCUPANT FLOW PROVIDED EXIT CAPACITY

DOOR
REQ'D: 200 OCC. x 0.2 = 40.5" WIDTH — DOOR REQUIRED EGRESS WIDTH CALCULATION
PROVIDED: 44.5" (220 OCC.) — DOOR WIDTH (CLEARANCE WHEN IN OPEN POSITION PER CBC 1005.7.1)

STAIR #
REQ'D: 200 OCC. x 0.3 = 60" WIDTH — STAIR REQUIRED EGRESS WIDTH CALCULATION
PROVIDED: 60" (220 OCC.) — STAIR WIDTH

10 — # OCCUPANTS AT EGRESS COMPONENT

EGRESS ROUTE

ACCESSIBLE PATH OF TRAVEL (MAXIMUM EXIT ACCESS TRAVEL)

100' — TRAVEL DISTANCE

15' - 0" — DISTANCE BETWEEN EXITS OR BUILDING DIAGONAL DISTANCE

PH — PANIC HARDWARE

FE — FIRE EXTINGUISHER, SEE INTERIOR ELEVATIONS

EGRESS COMPLIANCE

COMMON PATH OF EGRESS TRAVEL LIMIT (SPACES WITH 1 EXIT):
- A OCCUPANCIES = 75'
- B & S OCCUPANCIES = 100'
- A & B OCCUPANCIES ARE PERMITTED UP TO 49 OCCUPANTS
- S OCCUPANCIES ARE PERMITTED UP TO 29 OCCUPANTS

EXIT ACCESS TRAVEL DISTANCE (CBC TABLE 1017.2):
- A & S OCCUPANCIES = 250', FULLY-SPRINKLERED
- B OCCUPANCY = 300', FULLY-SPRINKLERED

EGRESS WIDTH CALCULATION:
- EGRESS COMPONENT OTHER THAN STAIR: OCCUPANT LOAD X 0.20 = REQUIRED WIDTH (INCHES)
- EGRESS COMPONENT OTHER THAN STAIR, **FULLY SPRINKLERED W/ VOICE ALARM COMMUNICATION SYSTEM**: OCCUPANT LOAD X 0.15 = REQUIRED EXIT WIDTH (INCHES)
- EXIT STAIRS: OCCUPANT LOAD X 0.30 = REQUIRED EXIT WIDTH (INCHES)
- EXIT STAIRS, **FULLY SPRINKLERED W/ VOICE ALARM COMMUNICATION SYSTEM**: OCCUPANT LOAD X 0.20 = REQUIRED EXIT WIDTH (INCHES)
- PER CBC 1009.74 STAIRS SERVING AN AREA OF ASSISTED RESCUE SHALL PROVIDE MINIMUM 48" CLEAR BETWEEN HANDRAILS.

NOTE: OCCUPANT LOAD FACTORS ARE CALCULATED USING EXCEPTIONS UNDER 1005.3.1 (STAIRS) & 1005.3.2 (OTHER EGRESS COMPONENTS) **FOR BUILDINGS EQUIPPED WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM AND AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM.**

EGRESS SCHEDULE

ROOM #	ROOM NAME	OCC. CLASS	AREA	OLF*		OCC. LOAD	# EXITS
POOL DECK EGRESS							
101	HALLWAY		99 SF	0	N/A		
102	TICKETING	B	194 SF	150	GSF	2	1
103	DATA	S-2	88 SF	300	GSF	1	1
104	RESTROOM	B	59 SF	0	N/A		
108	MANAGER OFFICE	B	129 SF	150	GSF	1	1
109	AQUATICS DIRECTOR OFFICE	B	159 SF	150	GSF	2	1
110	MULTI-PURPOSE ROOM	A-3	309 SF	7	NSF	45	1
201	WOMEN'S LOCKER ROOM	B	796 SF	50	GSF	16	1
202	JANITOR	S-2	43 SF	300	GSF	1	1
203	FAMILY CHANGING	B	175 SF	0	N/A		
204	FAMILY CHANGING	B	94 SF	0	N/A		
205	MEN'S LOCKER ROOM	B	754 SF	50	GSF	16	1
206	JANITOR	S-2	49 SF	300	GSF	1	1
207	LIFEGUARD / FIRST AID	B	293 SF	150	GSF	2	1
209	POOL MECHANICAL ROOM	S-2	1,304 SF	300	GSF	5	1
P02	POOL STORAGE	S-2	286 SF	300	GSF	1	1
P03A	POOL STORAGE	S-2	1,120 SF	300	GSF	4	1
P03B	TEAM POOL STORAGE	S-2	56 SF	300	GSF	1	1
P03C	TEAM POOL STORAGE	S-2	56 SF	300	GSF	1	1
P04	SPECTATOR SEATING	A-5	177 SF		FIXED	60	2
P07	SPECTATOR SEATING	A-5	263 SF		FIXED	96	2
P08	SPECTATOR SEATING	A-5	283 SF		FIXED	98	2
P09	ACTIVITY POOL	A-5	3,015 SF	15	GSF	202	2
P10	LAP POOL	A-5	7,448 SF	15	GSF	497	2

ROOM #	ROOM NAME	OCC. CLASS	AREA	OLF*		OCC. LOAD	# EXITS
P11	POOL DECK	A-5	4,222 SF	30	GSF	141	2
P12	POOL DECK	A-5	3,930 SF	30	GSF	132	2
P16	LAWN	A-5	770 SF	15	NSF	52	2
POOL DECK EGRESS			26,170 SF			1377	
BUILDING ONLY EGRESS							
208	ELECTRICAL ROOM	S-2	233 SF	300	GSF	1	1
210	CHLORINE	S-1	101 SF	300	GSF	1	1
211	ACID	S-1	114 SF	300	GSF	1	1
BUILDING ONLY EGRESS			448 SF			3	4**

*OLF = OCCUPANT LOAD FACTOR PER CBC TABLE 1004.5

****POOL & POOL DECK OCCUPANT LOAD**:
>1000 OCCUPANTS EXIT THROUGH THE POOL DECK ENCLOSURE
THEREFORE **4 EXITS** ARE REQUIRED FROM THIS AREA.

MAIN EXIT #1	MIN. 1/2 OF OCCUPANTS:	1377 / 2 = 689
NORTH EAST GATE EXIT #2	MIN. 1/6 OF OCCUPANTS:	1377 / 6 = 230
NORTH WEST GATE EXIT #3	MIN. 1/6 OF OCCUPANTS:	1377 / 6 = 229
SOUTH EAST GATE EXIT #4	MIN. 1/6 OF OCCUPANTS:	1377 / 6 = 229

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EGRESS DIAGRAM

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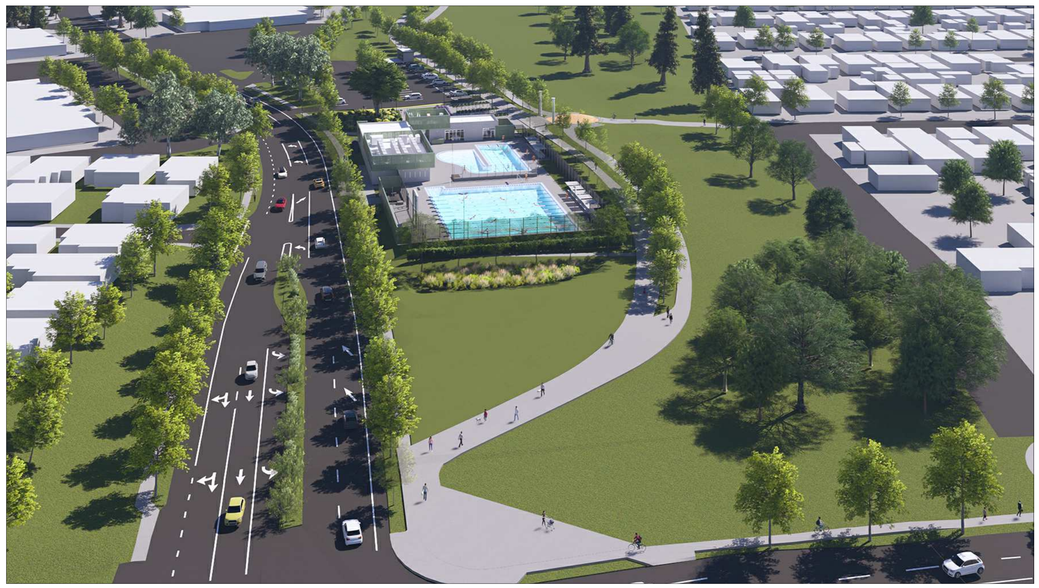
A003

SOUTHEAST AERIAL FROM JEAN SWEENEY OPEN SPACE PARK

NORTHEAST AERIAL FROM ATLANTIC AVE.



NORTHWEST AERIAL FROM INTERSECTION OF ATLANTIC AVE. & WILMA CHAN WAY

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RENDERINGS

SHEET NUMBER:
A030

ENTRY VIEW FROM CROSS ALAMEDA TRAIL

ENTRY VIEW FROM ATLANTIC AVE. NEAR OAK TREE

COMPETITION POOL DECK VIEW

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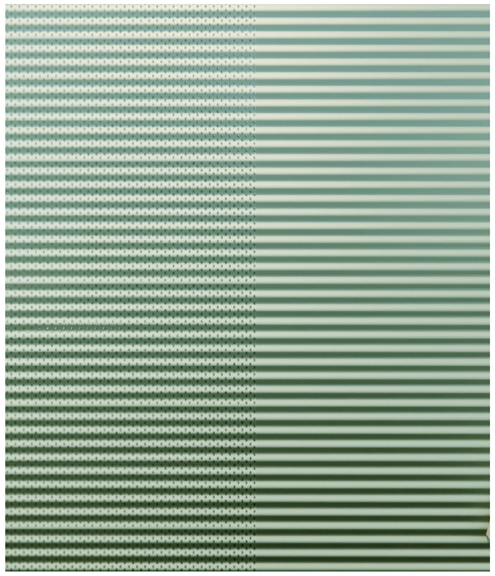


MORIN C37 IN PATINA GREEN PERFORATED

MORIN C37 IN PATINA GREEN SOLID

CORRUGATED METAL PANEL

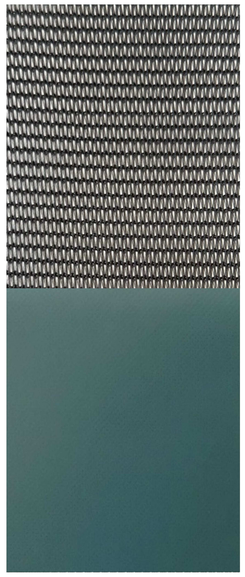
BASALITE

CMU BLOCK

ENTRY VIEW FROM CROSS ALAMEDA TRAIL

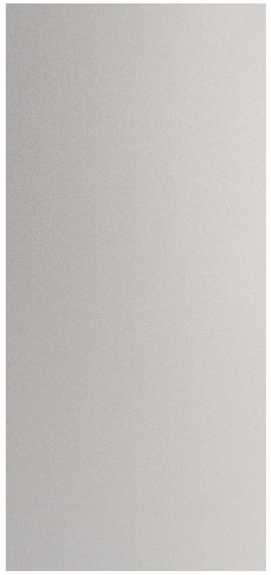
BLACK

VINYL COATED CHAIN LINK FENCE



BLACK / GREEN

WINDSCREEN MESH / VINYL SOLID WINDSCREEN



SILVER

ANODIZED ALUMINUM

DOOR & WINDOW FRAMES

MORIN MX-6 IN PATINA GREEN

FLAT METAL PANEL

ENTRY BREEZEWAY

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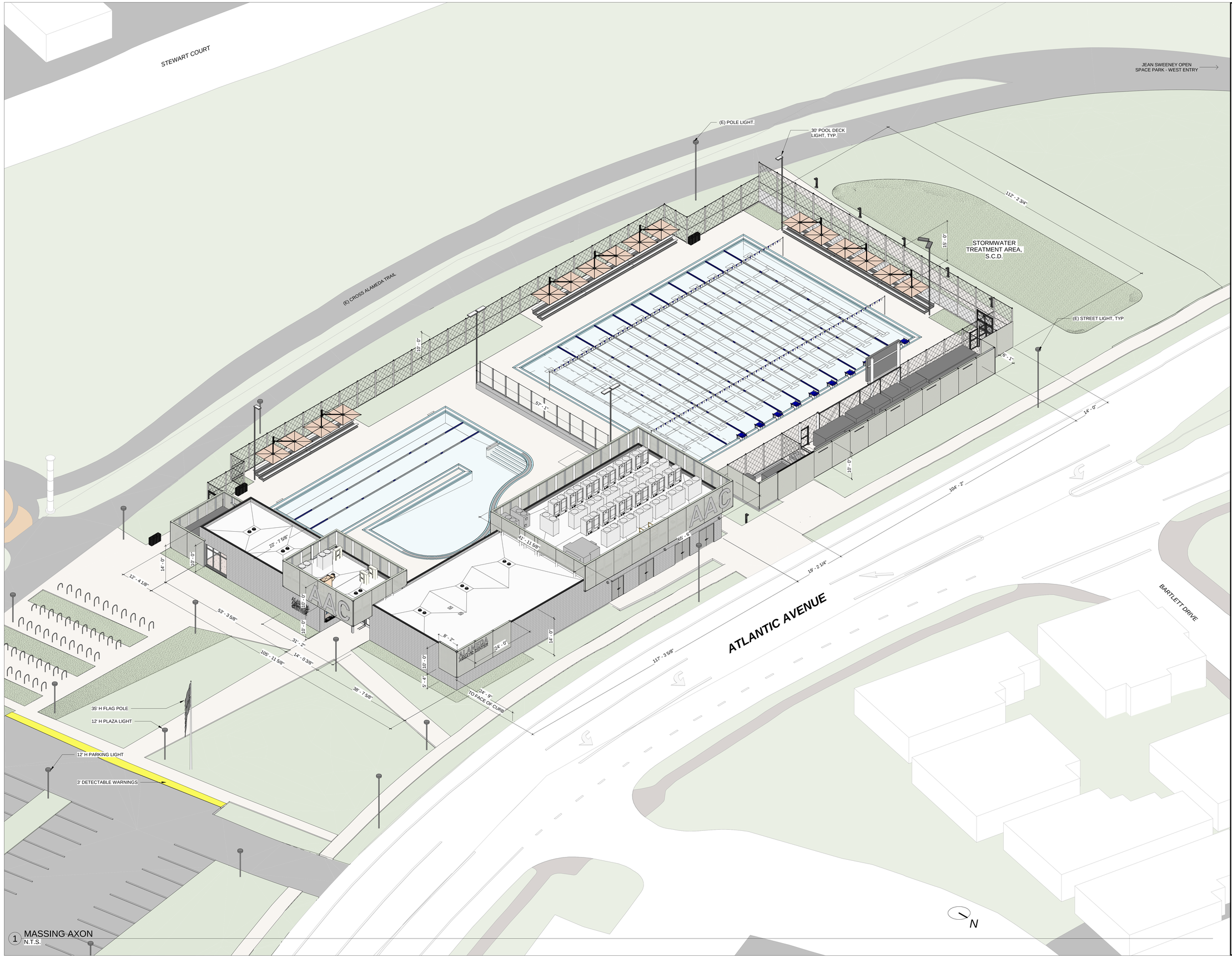

1 MASSING AXON
N.T.S.

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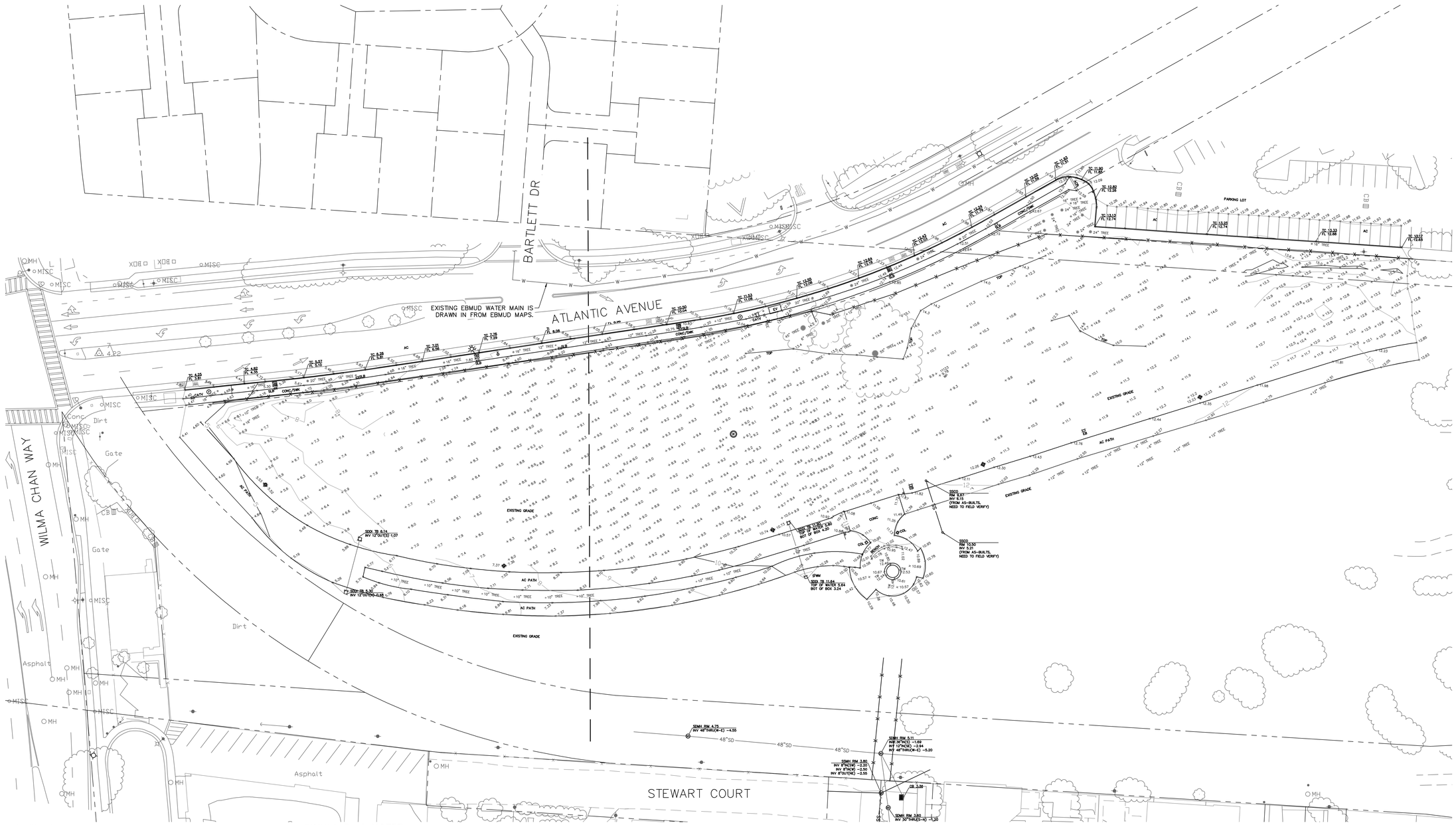

LEGEND:

⊼	=	GAS VALVE
(SS)	=	SANITARY SEWER MANHOLE
⊸	=	SIGN
☼	=	SITE LIGHT
(SD)	=	STORM DRAIN MANHOLE
⊸☼	=	STREET LIGHT
(T)	=	TELEPHONE MANHOLE
◎	=	MONITORING WELL

ABBREVIATIONS:

AC	=	ASPHALT CONCRETE
ACR	=	ACCESS RAMP
CATV	=	CABLE TELEVISION BOX
COL	=	COLUMN
CONC	=	CONCRETE
EB	=	ELECTRIC BOX
EV	=	ELECTRIC VAULT
FL	=	FLOWLINE
INV	=	INVERT
LG	=	LIP OF GUTTER
SDDI	=	STORM DRAIN DROP INLET
SDMH	=	STORM DRAIN MANHOLE
SLB	=	STREET LIGHT BOX
SSMH	=	SANITARY SEWER MANHOLE
SWK	=	SIDEWALK
TB	=	TOP OF BOX
TC	=	TOP OF CURB
UB	=	UTILITY BOX
WM	=	WATER METER
W-T	=	TOP OF WALL

TOPOGRAPHIC NOTES:

UNAUTHORIZED CHANGES & USES: THE PROFESSIONAL PREPARING THIS MAP WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THIS MAP. CHANGES TO THIS MAP MUST BE REQUESTED IN WRITING AND MUST BE APPROVED BY THE PROFESSIONAL.

THE LOCATIONS OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND ARE BASED ON OBSERVED TOPOGRAPHIC SURFACE FEATURES AND AVAILABLE INFORMATION. THE PROFESSIONAL PREPARING THIS MAP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THESE FACILITIES OR FOR THE INADVERTENT OMISSION OF RELATED INFORMATION.

TREE DIAMETERS ARE MEASURED AT CHEST HEIGHT (48"). DRIPLINE DIAMETERS AND TREE SPECIES ARE APPROXIMATE ONLY AND SHOULD BE VERIFIED BY A CERTIFIED ARBORIST.

FIELD SURVEY DATE: 09/04/2024

BASIS OF BEARINGS:

THE COORDINATES SHOWN HEREON ARE BASED ON THE COORDINATE SYSTEM OF 1983, CC83, ZONE 3, USING LEICA RTK NETWORK SMARTNET.

BENCHMARK:

THE ELEVATIONS SHOWN HEREON ARE BASED UPON THE VERTICAL DATUM OF 1988 AND WERE ESTABLISHED USING LEICA RTK NETWORK SMARTNET.

N

30 0 30 60
scale 1" = 30' feet

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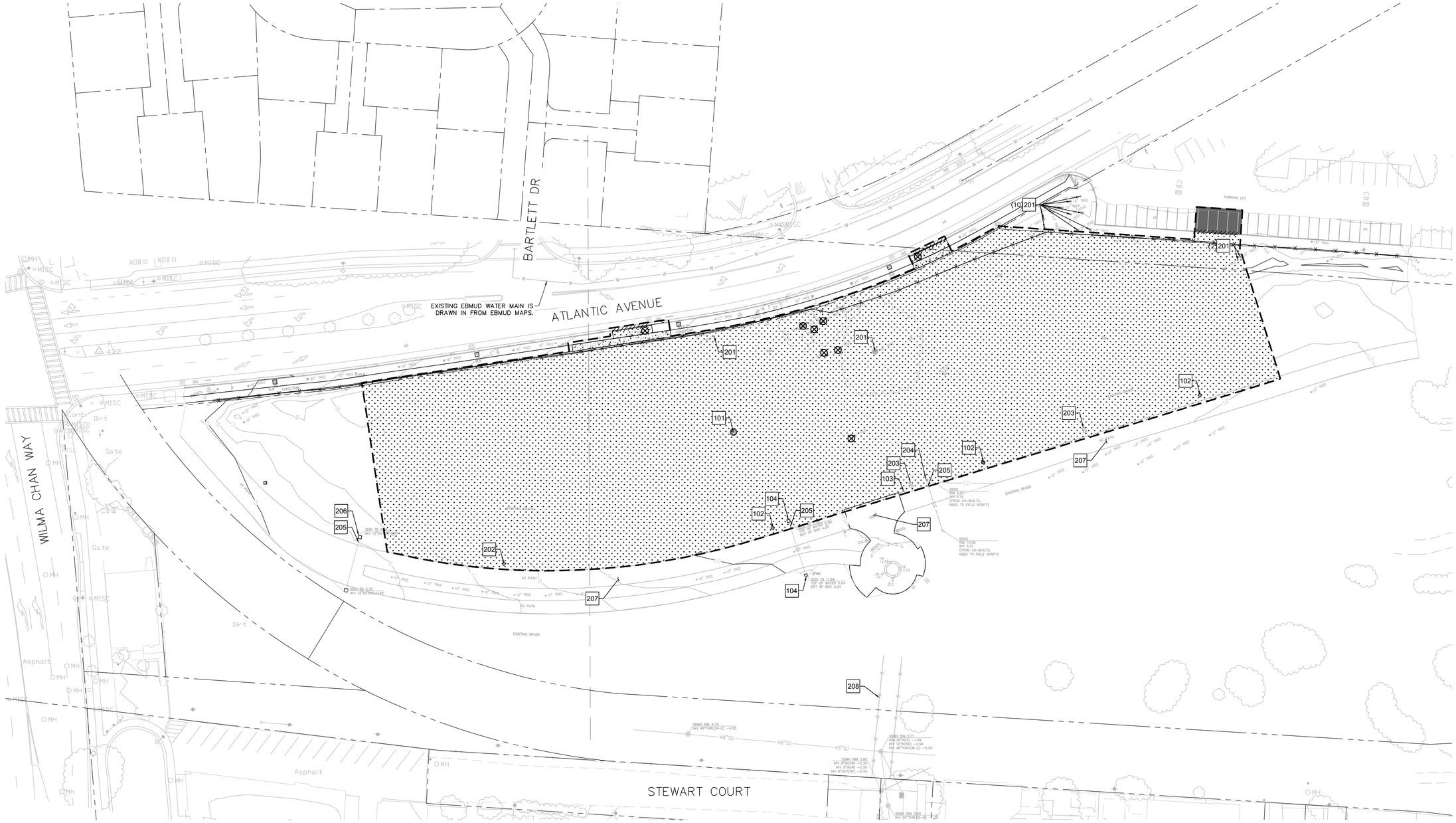

LEGEND:

- LIMIT OF WORK
- REMOVE EXISTING CONCRETE CURB
- SAWCUT LINE
- REMOVE EXISTING FENCE
- REMOVE EXISTING TREE/ TREE STUMP
- REMOVE EXISTING CONCRETE
- REMOVE EXISTING ASPHALT
- REMOVE EXISTING LANDSCAPE

DEMOLITION KEYNOTES:

REMOVE

101	EXISTING WATER STRUCTURE
102	EXISTING LIGHT AND POLE
103	EXISTING SIGN AND POLE
104	EXISTING SDDI

PROTECT

201	EXISTING TREE
202	EXISTING LIGHT AND POLE
203	EXISTING ELECTRICAL BOX
204	EXISTING CLEANOUT
205	EXISTING UTILITY LINE
206	EXISTING STORM DRAIN INLET
207	EXISTING PATHWAY
208	EXISTING FENCE

NOTES:

1. ALL EXISTING TREES TO REMAIN UNLESS OTHERWISE NOTED ON THE PLANS.
2. PROTECT ALL EXISTING UNDERGROUND UTILITIES UNLESS OTHERWISE NOTED ON THE PLAN.
3. EXERCISE CAUTION DURING CONSTRUCTION TO PROTECT EXISTING UTILITIES, UTILITY BOXES, STRUCTURES, LANDSCAPING FIXTURES, EQUIPMENT, CONCRETE SIDEWALK, CONCRETE CURB AND GUTTER, AND ASPHALT/CONCRETE PAVING TO REMAIN. REPAIR ANY DAMAGE RESULTING FROM CONTRACTOR OPERATIONS.
4. SHALLOW UTILITIES MAY BE PRESENT. IDENTIFY AND LOCATE ALL UTILITIES IN PROJECT AREA PRIOR TO CONSTRUCTION.
5. ADJUST ALL EXISTING UTILITIES, BOXES, STRUCTURES, MANHOLES, AND VALVES WITHIN LIMIT OF WORK TO FINAL GRADE UNLESS OTHERWISE NOTED ON THE PLANS.
6. PROTECT ALL EXISTING UTILITY LINES, STRUCTURES, AND VAULTS, UNLESS OTHERWISE NOTED ON THE PLANS.
7. COORDINATE WITH ALL SITE WORK WITH ALL DISCIPLINES, CIVIL DRAWINGS, ELECTRICAL, MECHANICAL, ETC.
8. CONTRACTOR MUST POTHOLE ALL EXISTING UTILITY CROSSINGS FOR CONFLICTS WITH NEW UTILITY INSTALLATION. ANY CONFLICTS OR DISCREPANCIES MUST BE REPORTED.
9. CONTRACTOR TO COORDINATE ALL TRENCHING AND ASSOCIATED PAVEMENT RESTORATION WITH UTILITY PLAN.
10. REFER TO UTILITY PLAN FOR PROPOSED PIPE LOCATIONS AND ALIGNMENT. TRENCHING MUST BE PROVIDED FOR INSTALLATION, IN ACCORDANCE WITH ALL APPLICABLE CONSTRUCTION SAFETY REQUIREMENTS NOT REFLECTED ON THIS PLAN.
11. TRENCHING PAVEMENT MUST BE REPLACED IN KIND. MATCH EXISTING PAVING SECTIONS.

N

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PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT TEAM:

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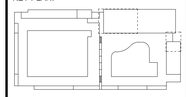
REVISION:

NUMBER	DATE	DESCRIPTION

KEY PLAN:



ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

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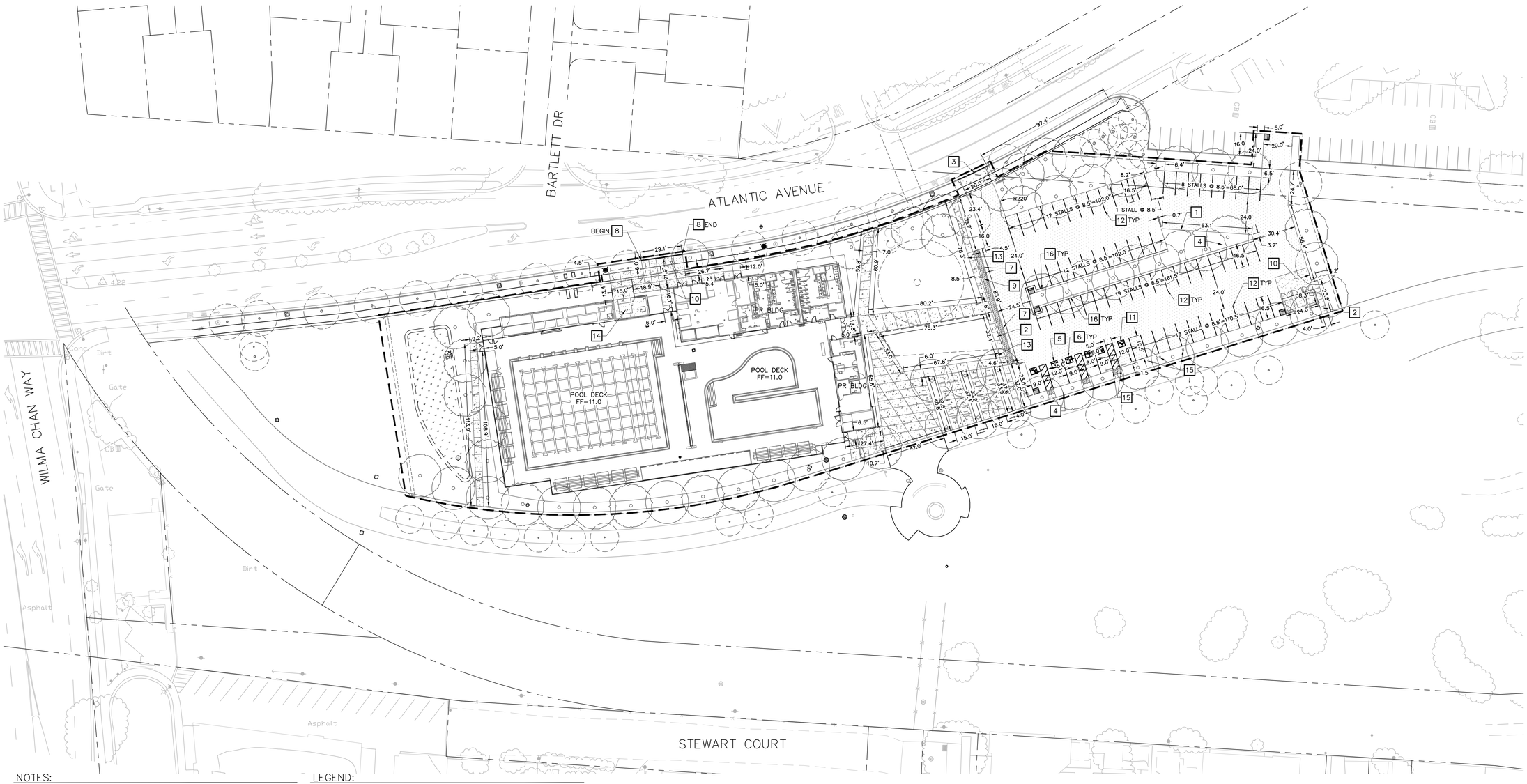
SHEET TITLE:
DEMOLITION PLAN

SHEET NUMBER:
C2.0



NOTES:

1. ALL EXISTING UTILITY BOXES, STRUCTURES, MANHOLES AND VALVES WITHIN THE LIMIT OF WORK SHALL BE ADJUSTED TO FINAL GRADE UNLESS OTHERWISE NOTED.

KEYNOTES:

1. 6" VERTICAL CURB (TYP), SEE DETAIL 9/C8.4
2. PEDESTRIAN SIDEWALK, SEE DETAIL 2/C8.4
3. NEW COMMERCIAL DRIVEWAY SEE DETAIL ST-20/C8.1
4. NEW SITE AREA LITE (TYP). SEE ELECTRICAL PLANS FOR DETAILS.
5. VAN ACCESSIBLE ADA PARKING STALL, SEE DETAIL 6/C8.4
6. ADA PARKING STALL, SEE DETAIL 6/C8.4
7. FLUSH CURB, PAINTED WHITE FOR LOADING ZONE DESIGNATION. SEE DETAIL 4/C8.4.
8. TYPE "E" CONCRETE CURB AND GUTTER (ROLLED CURB WITH GUTTER), SEE DETAIL 1-4/C8.1
9. DETECTABLE WARNING SURFACE, SEE LANDSCAPE PLANS FOR DETAILS
10. VEHICULAR CONCRETE PAVING, SEE DETAIL 1/C8.4
11. VAN ACCESSIBLE EV STALL
12. STANDARD PARKING STALL, SEE DETAIL 6/C8.4
13. INSTALL R25 (CA) "PASSENGER LOADING ONLY" SIGNS
14. CONCRETE PAD FOR THREE PHASE TRANSFORMER, SEE DETAIL 1-L-407/C8.3
15. EV CHARGING PEDESTAL, SEE ELECTRICAL PLANS FOR DETAILS
16. CURB AND GUTTER PER DETAIL 8/C8.4

LEGEND:

- PROPERTY LINE
- LIMIT OF WORK LINE
- ASPHALT PAVEMENT, SEE DETAIL 3/C8.4
- PEDESTRIAN CONCRETE, SEE DETAIL 2/C8.4
- BIORETENTION FACILITY
- VEHICULAR CONCRETE PAVEMENT SECTION, SEE DETAIL 1/C8.4

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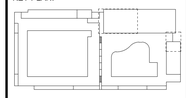

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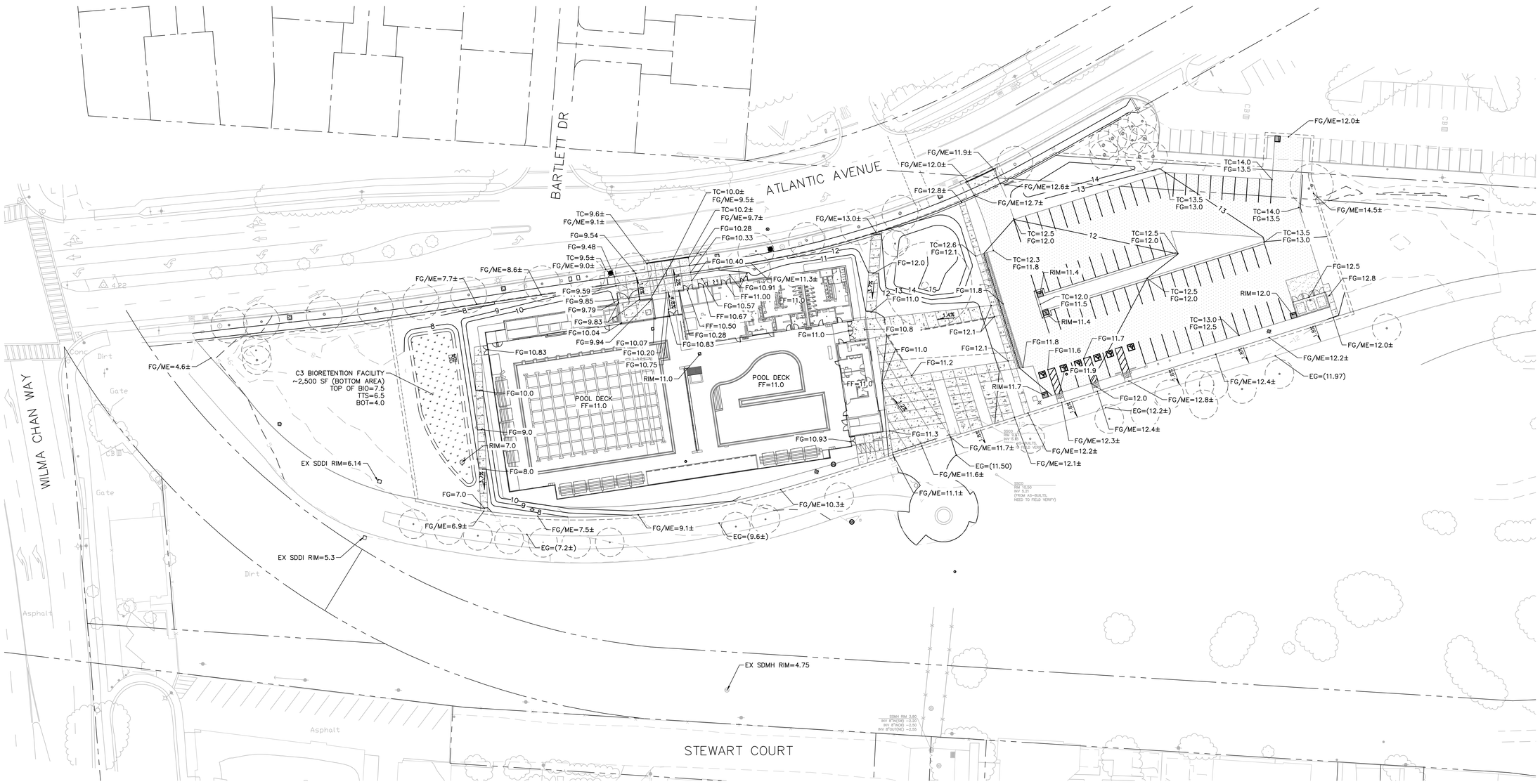
SHEET TITLE:
HORIZONTAL CONTROL PLAN

SHEET NUMBER:
C3.0



NOTES:

1. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR COMMENCEMENT OF WORK.
2. ALL EXISTING UTILITY VAULTS AND BOXES TO BE PROTECTED SHALL BE ADJUSTED TO FINISHED GRADE.
3. CONTRACTOR TO CONTACT USA AT (800) 247-2600 AT LEAST 48 HOURS PRIOR TO ANY UTILITY REMOVAL OR EXCAVATION.
4. ALL WORK SHALL CONFORM TO CURRENT CITY STANDARD PLANS AND SPECIFICATIONS, UNLESS OTHERWISE NOTED AND APPROVED.
5. ALL MATERIAL SHALL COMPLY WITH LATEST AVAILABLE CITY STANDARDS OR BETTER.

ABBREVIATIONS:

AC	ASPHALT CONCRETE
BOT	BOTTOM OF BIORETENTION/BOTTOM OF WALL
BW	BACK OF WALK
C3	CONTRA COSTA COUNTY CLEAN WATER PROGRAM
EX	EXISTING
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOWLINE
HP	HIGH POINT
LG	LIP OF GUTTER
LF	LINEAR FEET
ME	MATCH EXISTING
RIM	RIM ELEVATION
SDCB	STORM DRAIN CATCH BASIN
SDDI	STORM DRAIN INLET
SLP	SEE LANDSCAPE PLAN
SSWR	SANITARY SEWER
TC	TOP OF CURB
TOP	TOP OF BIORETENTION
TTS	TOP OF TREATMENT SOIL
TW	TOP OF WALL

LEGEND:

	PROPERTY LINE
	LIMIT OF WORK LINE
	PROPOSED WATER METER
	EXISTING STORM MANHOLE
	EXISTING SANITARY MANHOLE
	CATCH BASIN
FG=XX.XX	SPOT ELEVATION
	AREA/PLAZA DRAIN
	SANITARY CLEANOUT
15	PROPOSED CONTOUR (MAJOR)
12	PROPOSED CONTOUR (MINOR)
15	EXISTING CONTOUR (MAJOR)
12	EXISTING CONTOUR (MINOR)

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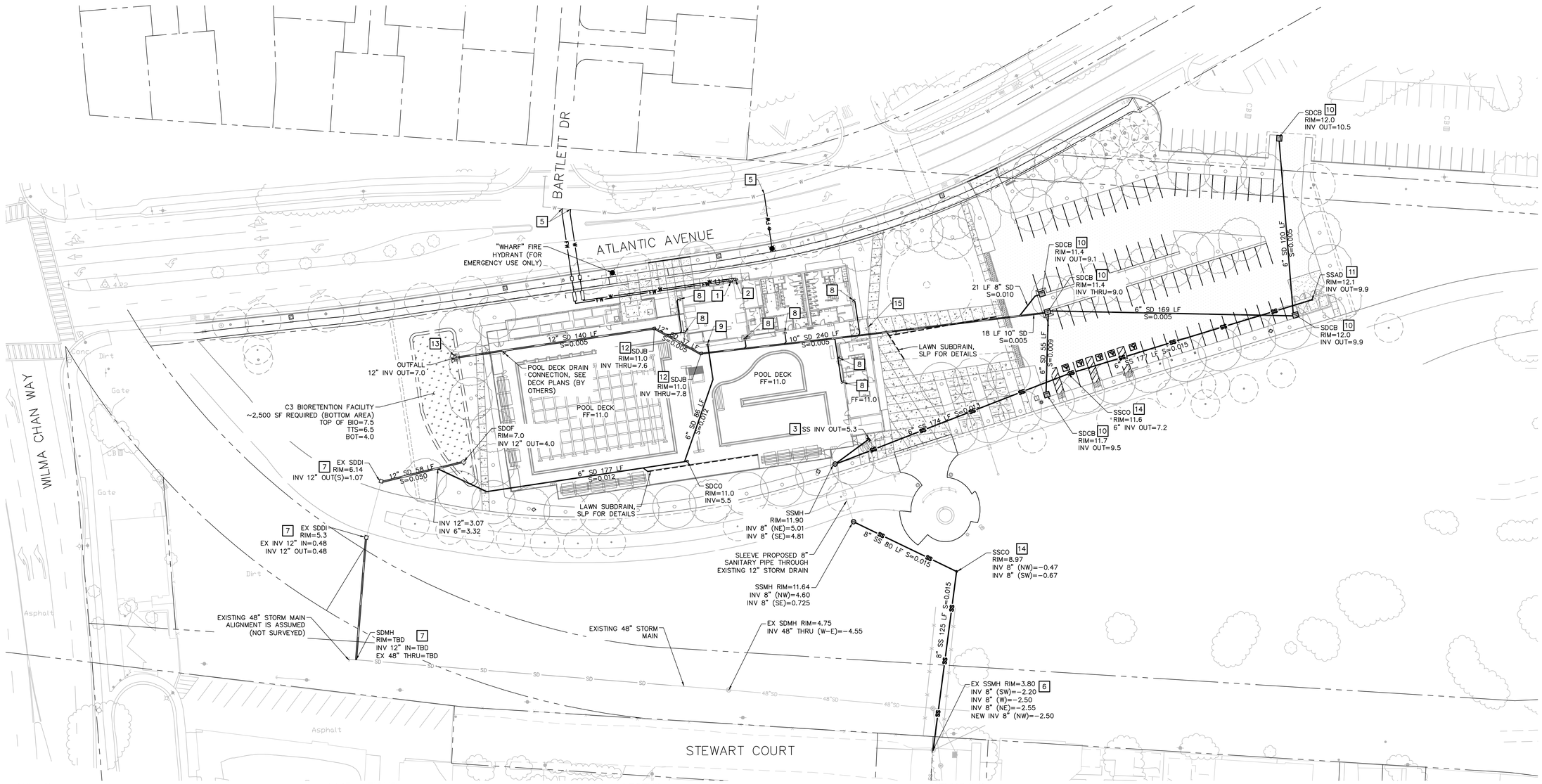
SHEET TITLE:
GRADING PLAN

SHEET NUMBER:
C4.0



NOTES:

1. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL UNDERGROUND UTILITIES PRIOR COMMENCEMENT OF WORK.
2. ALL EXISTING UTILITY VAULTS AND BOXES TO BE PROTECTED SHALL BE ADJUSTED TO FINISHED GRADE.
3. CONTRACTOR TO CONTACT USA AT (800) 247-2600 AT LEAST 48 HOURS PRIOR TO ANY UTILITY REMOVAL OR EXCAVATION.
4. NON-WET UTILITIES AND UTILITIES SHOWN WITHIN THE BUILDING ON THIS PLAN AND FOR COORDINATION ONLY. CONTRACTOR TO REFER TO APPROPRIATE DISCIPLINES FOR THEIR RESPECTIVE UTILITY DESIGN.
5. ALL BUILDING DOWNSPOUTS MUST BE PIPED TO THE STORM DRAIN BUILDING LATERAL AND PIPED TO TREATMENT AREAS.
6. ALL WATER LATERALS SHALL BE LEVEL. IF A LOCAL HIGH POINT OCCURS, CONTRACTOR SHALL INSTALL BLOW OFF VALVE.
7. ALL WORK SHALL CONFORM TO CURRENT CITY STANDARD PLANS AND SPECIFICATIONS, UNLESS OTHERWISE NOTED AND APPROVED.
8. ALL MATERIAL SHALL COMPLY WITH LATEST AVAILABLE CITY STANDARDS OR BETTER.

ABBREVIATIONS:

C3	CONTRA COSTA COUNTY CLEAN WATER PROGRAM
EX	EXISTING
INV	INVERT
RIM	RIM ELEVATION
SAP	SEE ARCHITECTURAL PLANS
SD	STORM DRAIN
SDCB	STORM DRAIN CATCH BASIN
SDDI	STORM DRAIN INLET
SLP	SEE LANDSCAPE PLANS
SPP	SEE PLUMBING PLANS
SSWR	SANITARY SEWER
TC	TOP OF CURB
TD	TRENCH DRAIN
TOP	TOP OF BIORETENTION
TTS	TOP OF TREATMENT SOIL

LEGEND:

- PROPERTY LINE
- LIMIT OF WORK LINE
- EXISTING STORM LINE
- NEW STORM LINE
- EXISTING SANITARY LINE
- PROPOSED SANITARY LINE
- PROPOSED WATER LINE
- PROPOSED FIRE WATER LINE
- PROPOSED WATER METER
- PROPOSED BACKFLOW PREVENTER
- EXISTING STORM MANHOLE
- EXISTING SANITARY MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED AREA/PLAZA DRAIN, SEE DETAIL 11/C8.4
- PROPOSED SANITARY CLEANOUT
- PROPOSED FIRE HYDRANT
- PROPOSED WATER VALVE
- PROPOSED FIRE DEPARTMENT CONNECTION
- PROPOSED STORM DRAIN JUNCTION BOX

KEYNOTES:

1	FIRE WATER POINT OF CONNECTION
2	DOMESTIC WATER POINT OF CONNECTION
3	SANITARY SEWER POINT OF CONNECTION
4	STORM DRAIN POINT OF CONNECTION
5	CONNECT TO EXISTING WATER LINE, SEE DETAIL 291-EA/C8.3
6	CONNECT TO EXISTING SANITARY SEWER LINE
7	CONNECT TO EXISTING STORM DRAIN LINE
8	DOWNSPOUT CONNECTION, SEE DETAIL 4/C8.5
9	PUMP PIT DRAIN, SPP. INV=6.5±
10	CATCH BASIN, SEE DETAIL 1/C8.5
11	AREA DRAIN, SEE DETAIL 3/C8.5
12	JUNCTION BOX (SOLID LID), SEE DETAIL 6/C8.5
13	RIP-RAP OUTFALL PROTECTION
14	CLEANOUT, SEE DETAIL 7/C8.5
15	TRENCH DRAIN, SEE DETAIL 5/C8.5

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PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE ALAMEDA, CA 94501

PROJECT NUMBER:

202407

CLIENT:

CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE ALAMEDA, CA 94501

PROJECT TEAM:

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REVISION:

NUMBER	DATE	DESCRIPTION

KEY PLAN:

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UTILITY PLAN

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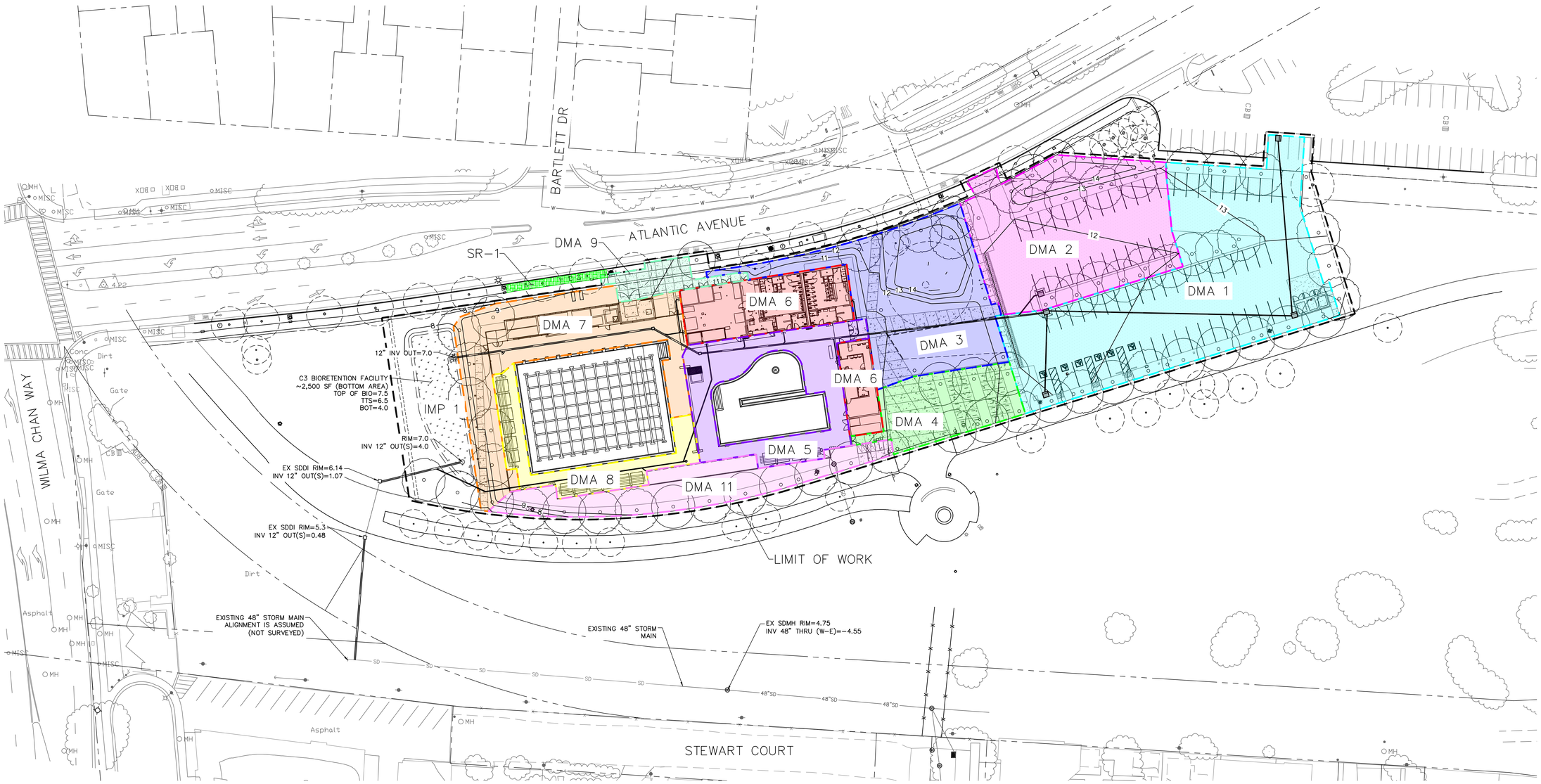
C5.0



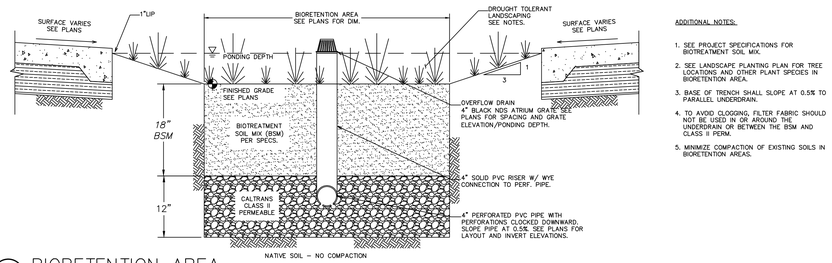
IMPERVIOUS AREAS TABLE					
DMA	IMPERVIOUS AREA (SF)	PERVIOUS AREA (SF)	*TREATMENT REQUIRED (SF)	DRAINS TO DMA	TREATMENT PROVIDED (SF)
DMA 1	17,311	3,306	706	IMP-1	706
DMA 2	8,685	3,992	363	IMP-1	365
DMA 3	1,915	8,614	111	IMP-1	115
DMA 4	3,358	1,014	138	IMP-1	140
DMA 5	5,811	–	232	IMP-1	235
DMA 6 (ROOF AREA)	6,105	–	244	IMP-1	245
DMA 7	5,108	4,135	245	IMP-1	250
DMA 8	3,320	–	133	IMP-1	135
**DMA 9	1,444	–	*328	SR-1	385
DMA 11	–	5,516	22	IMP-1	22
TOTAL	53,057	26,577	2,225	IMP-1	2,500

GENERAL NOTES:

1. ALL ELEVATIONS SHOWN ARE SCHEMATIC AND BASED ON EXISTING GRADE INFORMATION.
2. ALL PROPOSED UTILITY ALIGNMENTS ARE SCHEMATIC.

STORMWATER MANAGMENT NOTES:

1. PER C3 STORMWATER MANAGEMENT MANUAL, THE POOL AREAS DRAINING/OVERFLOWING TO SANITARY SEWER ARE NOT CONSIDERED IMPERVIOUS AREAS.
2. *TREATMENT REQUIRED IS BASED ON C3 SIMIPLIFIED SIZING METHODOLOGY FOR TREATMENT ONLY. THIS IS EQUIVALENT TO 4% OF THE PROPOSED IMPERVIOUS AREA FOR EACH RESPECTIVE DMA. 10% OF THE PERVIOUS AREA FROM EACH DMA IS ADDED TO THE TOTAL IMPERVIOUS AREA FOR TREATMENT CALCULATIONS.
3. **DMA-9 WILL BE DRAINED TO THE ADJACENT TREE WELLS THAT WILL SERVE AS A SELF-RETAINING AREA PER C3 TREATMENT REQUIREMENTS.



ADDITIONAL NOTES:

1. SEE PROJECT SPECIFICATIONS FOR BIOTREATMENT SOIL MIX.
2. SEE LANDSCAPE PLANTING PLAN FOR TREE LOCATIONS AND OTHER PLANT SPECIES IN BIORETENTION AREA.
3. BASE OF TRENCH SHALL SLOPE AT 0.5% TO PARALLEL UNDERDRAIN.
4. TO AVOID CLOGGING, FILTER FABRIC SHOULD NOT BE USED IN OR AROUND THE UNDERDRAIN OR BETWEEN THE BSM AND CLASS II PERM.
5. MINIMIZE COMPACTION OF EXISTING SOILS IN BIORETENTION AREAS.

1/X BIORETENTION AREA WITH UNDERDRAIN

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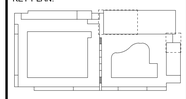

ISSUE: **PLANNING RESUBMITTAL 5**

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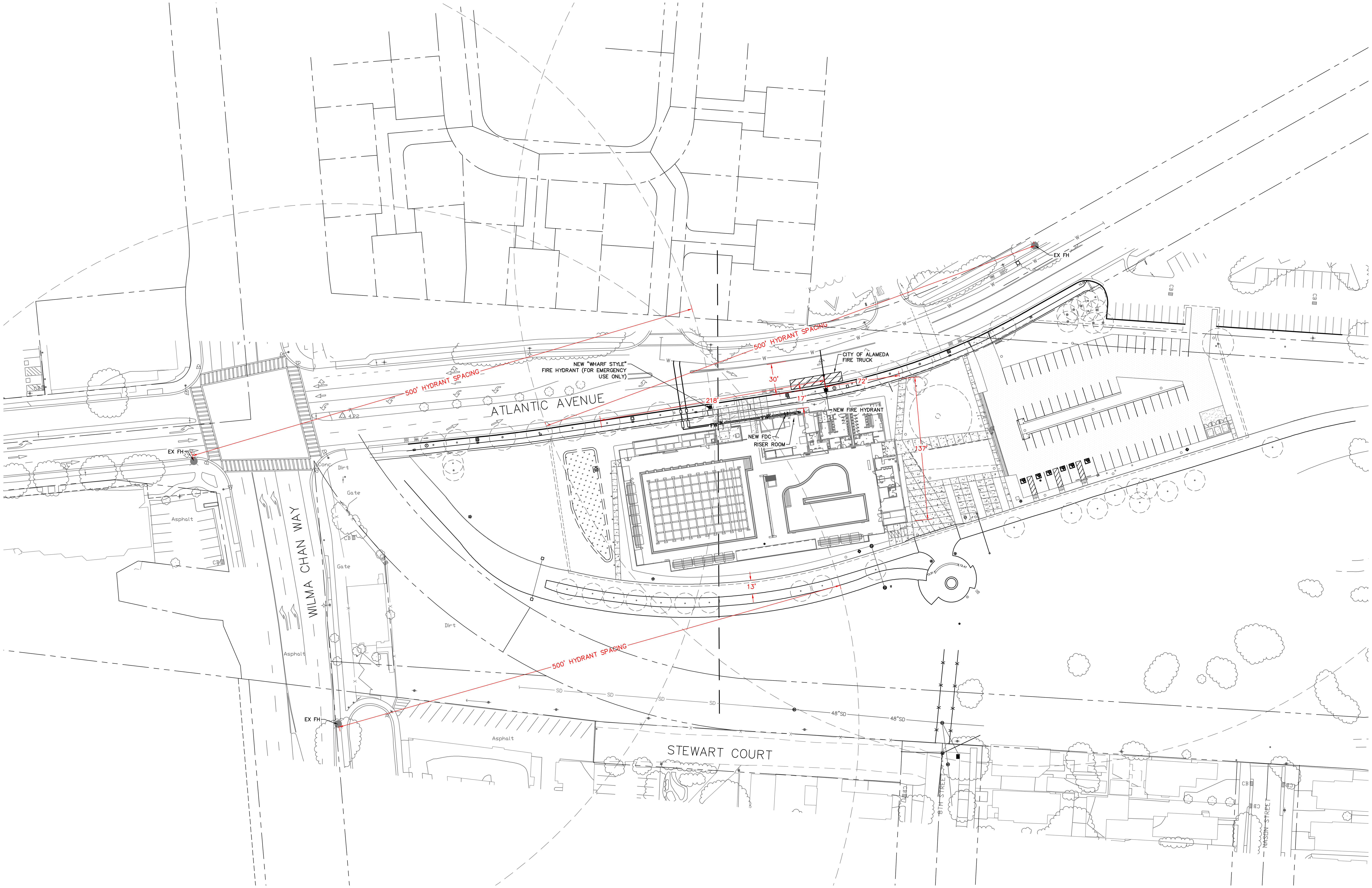
SHEET NUMBER: **C6.0**



LEGEND

●	EXISTING FIRE HYDRANT
●	PROPOSED FIRE HYDRANT
Ʊ	PROPOSED FIRE DEPARTMENT CONNECTION

ASSUMPTIONS (SPRINKLERED)

TOTAL BUILDING AREA: 6,491 SF

FROM CALIFORNIA FIRE CODE APPENDIX B, TABLE B105.1(2): *REQUIRED FIRE FLOW=687.5 GPM
*FROM CALIFORNIA FIRE CODE APPENDIX B, TABLE B105.2: WHEN SPRINKLERED, REQUIRED FIRE FLOW CAN BE REDUCED TO 25% OF THE VALUE IN TABLE B105.1(2).

FROM CALIFORNIA FIRE CODE APPENDIX C, TABLE C102.1: **375' MAXIMUM DISTANCE FROM ANY POINT ON STREET OR ROAD FRONTAGE TO A HYDRANT.

**A 50% SPACIING INCREASE SHALL BE PERMITTED WHERE BUILDING IS EQUIPPED THROUGHOUT WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 OF THE CALIFORNIA FIRE CODE.

AVERAGE HYDRANT SPACING PER APPENDIX C, TABLE C102.1: 500' HYDRANT SPACING & MINIMUM NUMBER OF HYDRANTS = 1

N

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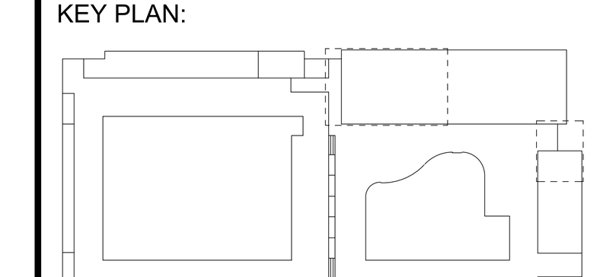

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SHEET TITLE:
FIRE ACCESS PLAN

SHEET NUMBER:
C7.0

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2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT TEAM:

ARCHITECT:
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LANDSCAPE ARCHITECT:
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Sausalito, CA 94965
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MEP / FIRE PROTECTION:
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P: 415.655.4000

AQUATICS:
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SPECIFICATIONS:
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REVISION:

NUMBER	DATE	DESCRIPTION

KEY PLAN:

Scale
0 30 60

North

ISSUE:
PLANNING RESUBMITTAL 5

DATE:
JUNE 9, 2025

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
EXISTING CONDITIONS

SHEET NUMBER:
L0.00

els
architecture+
urban design

PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA
RECREATION AND PARK DEPARTMENT
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SHEET TITLE:
ILLUSTRATIVE PLAN

SHEET NUMBER:
L0.01

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KEY PLAN:

Scale 0 20 40

North

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

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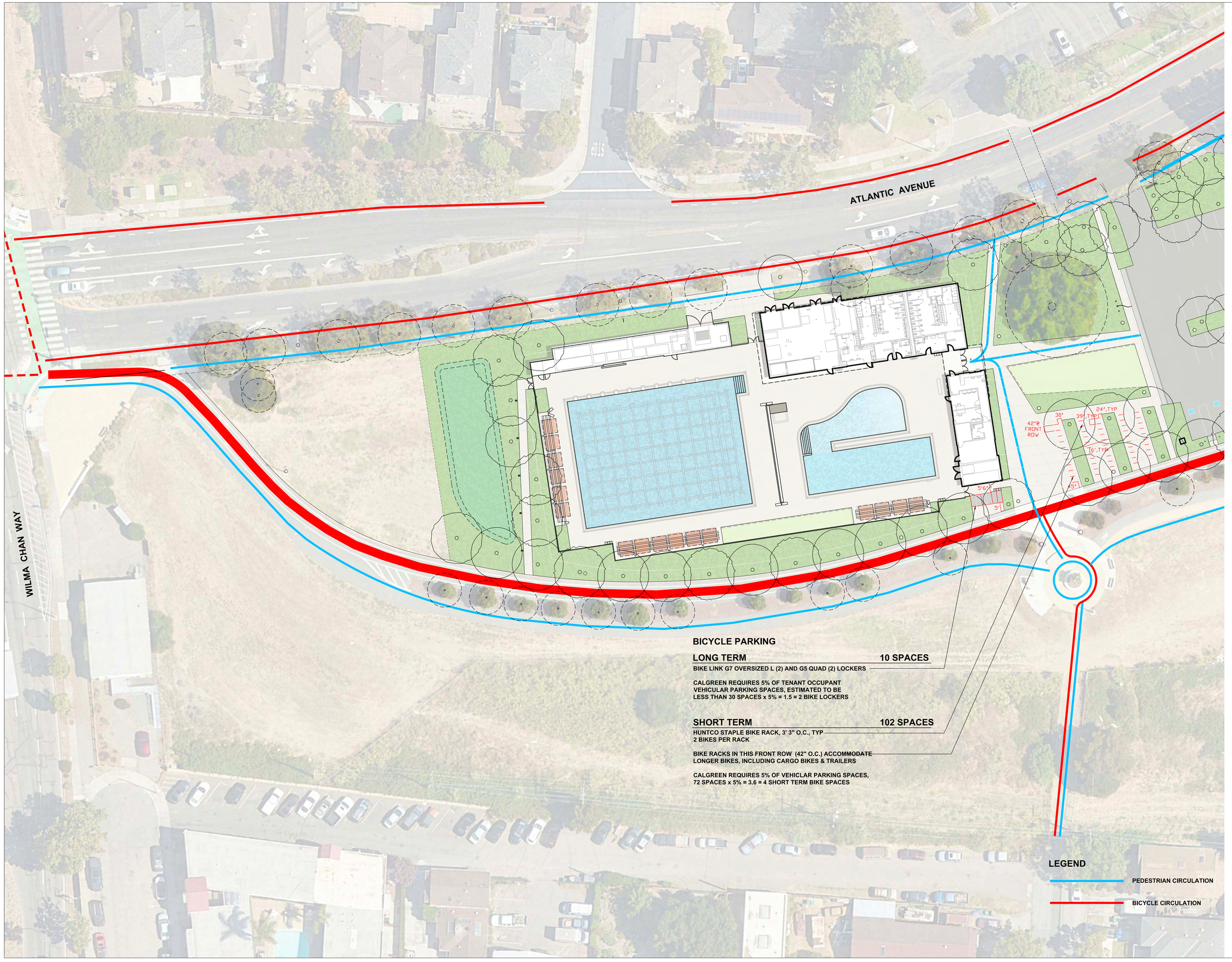
SHEET TITLE:
LAYOUT PLAN

SHEET NUMBER:
L1.01



BICYCLE PARKING

LONG TERM — **10 SPACES**

BIKE LINK G7 OVERSIZED L (2) AND G5 QUAD (2) LOCKERS

CALGREEN REQUIRES 5% OF TENANT OCCUPANT VEHICULAR PARKING SPACES, ESTIMATED TO BE LESS THAN 30 SPACES x 5% = 1.5 = 2 BIKE LOCKERS

SHORT TERM — **102 SPACES**

HUNTCO STAPLE BIKE RACK, 3' 3" O.C., TYP
2 BIKES PER RACK

BIKE RACKS IN THIS FRONT ROW (42" O.C.) ACCOMMODATE LONGER BIKES, INCLUDING CARGO BIKES & TRAILERS

CALGREEN REQUIRES 5% OF VEHICLAR PARKING SPACES, 72 SPACES x 5% = 3.6 = 4 SHORT TERM BIKE SPACES

LEGEND

- PEDESTRIAN CIRCULATION
- BICYCLE CIRCULATION

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Scale — North

0 20 40

ISSUE: PLANNING RESUBMITTAL 5

DATE: JUNE 9, 2025

STAMP:

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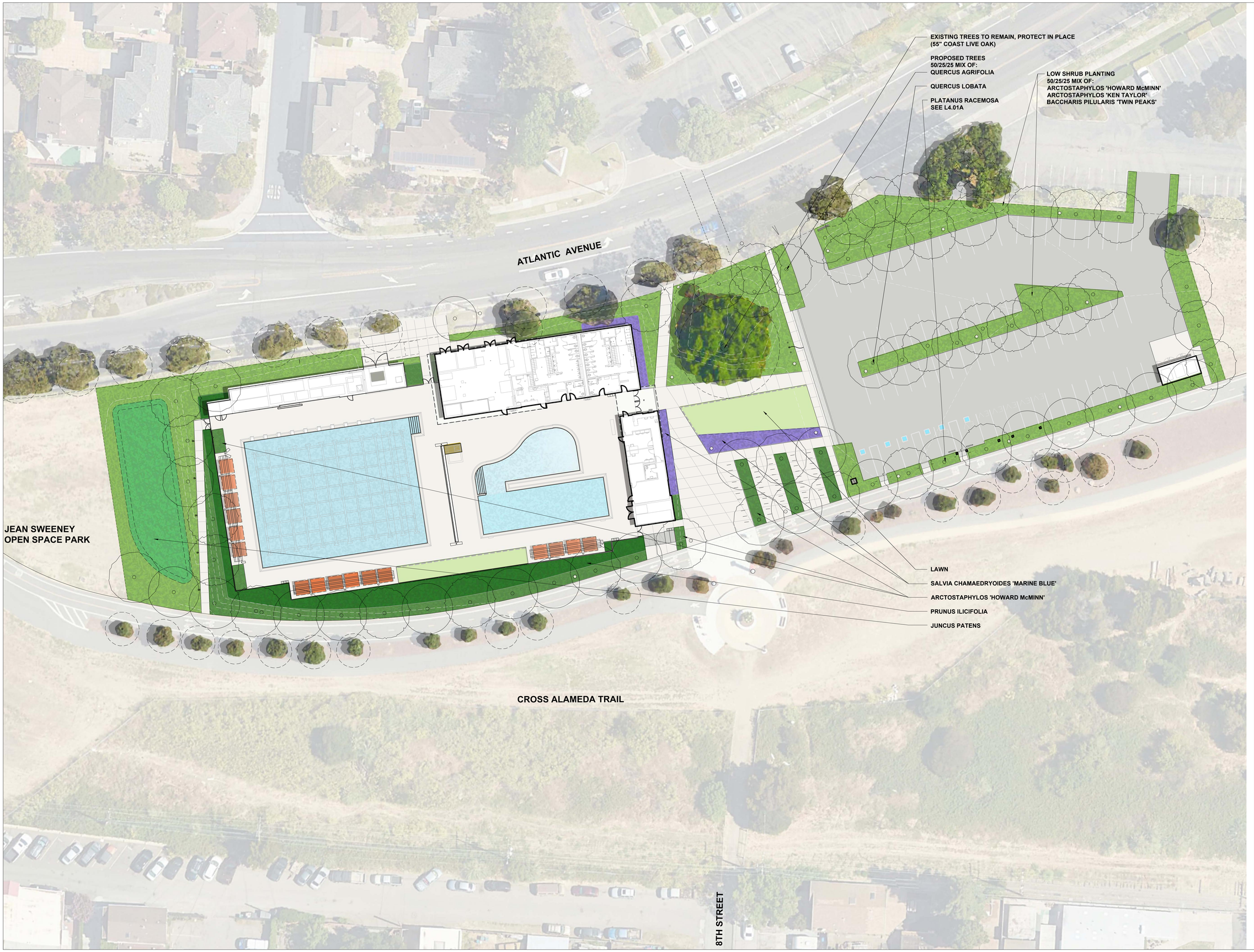
SHEET TITLE:

PEDESTRIAN AND BICYCLE ACCESS PLAN

SHEET NUMBER:

L2.0



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Scale
0 20 40

North

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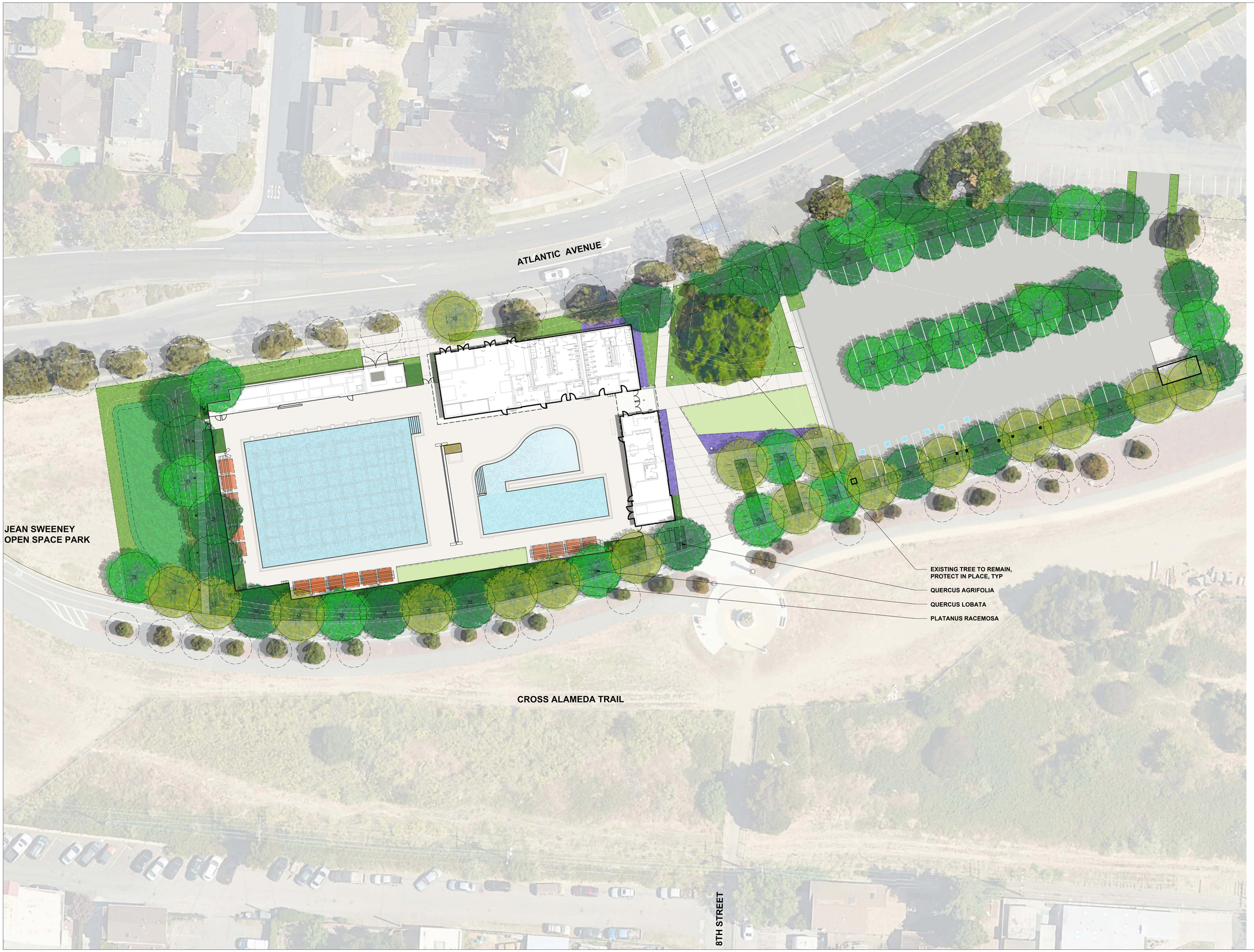
SHEET TITLE:
PLANTING PLAN

SHEET NUMBER:
L4.01



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North

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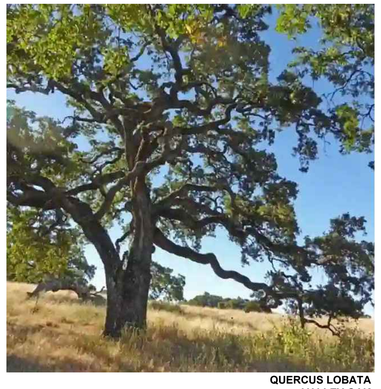
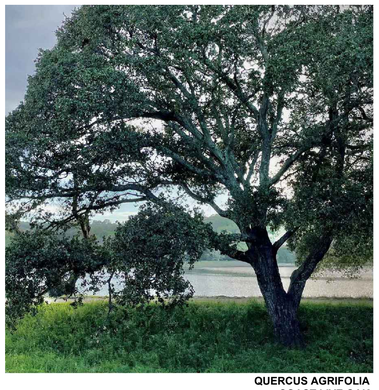
SHEET TITLE:
TREE PLAN

SHEET NUMBER:
L4.01A

PLATANUS RACEMOSA
CALIFORNIA SYCAMORE



QUERCUS LOBATA
VALLEY OAK



QUERCUS AGRIFOLIA
COAST LIVE OAK

BACCHARIS PILURARIS 'TWIN PEAKS'
TWIN PEAKS COYOTE BRUSH

ARCTOSTAPHYLOS 'KEN TAYLOR'
KEN TAYLOR MANZANITA

ARCTOSTAPHYLOS 'HOWARD McMINN'
HOWARD McMINN MANZANITA

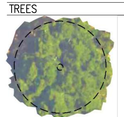
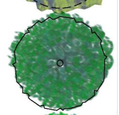
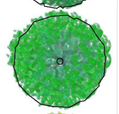
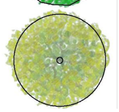
JUNCUS PATENS
CALIFORNIA GRAY RUSH

PRUNUS ILICIFOLIA
HOLLYLEAF CHERRY

SALVIA CHAMAEDRYOIDES ' MARINE BLUE'
MARINE BLUE SAGE

PLANT LIST

TREES

	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
	EXISTING TREE TO REMAIN, PROTECT IN PLACE			
	PROPOSED TREES 50/25/25 MIX OF:			
	QUERCUS AGRIFOLIA	COAST LIVE OAK	36 INCH BOX	STANDARD FORM
				STANDARD FORM
				STANDARD FORM
	QUERCUS LOBATA	VALLEY OAK	36 INCH BOX	
	PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	36 INCH BOX	

SHRUBS

	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
	ARCTOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	HOWARD MCMINN MANZANITA	5 GALLON	24" O.C. AS SHOWN	
	ARCTOSTAPHYLOS HOOKERI 'KEN TAYLOR'	KEN TAYLOR MANZANITA	5 GALLON	24" O.C. AS SHOWN	
	BACCHARIS PILULARIS 'TWIN PEAKS'	TWIN PEAKS COYOTE BRUSH	5 GALLON	24" O.C. AS SHOWN	
	SALVIA CHAMAEDRYOIDES 'MARINE BLUE'	MARINE BLUE SAGE	5 GALLON	24" O.C. AS SHOWN	
	PRUNUS ILICIFOLIA	HOLLYLEAF CHERRY	15 GALLON	36" O.C. AS SHOWN	

STORMWATER TREATMENT

	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
	JUNCUS PATENS	CALIFORNIA GRAY RUSH	5 GALLON	18" O.C. GRID SPACING	

SOD LAWN

90/10 DWARF FESCUE/BLUEGRASS MIX BOLERO PLUS SOD, FROM DELTA BLUEGRASS

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REVISION:

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KEY PLAN:

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

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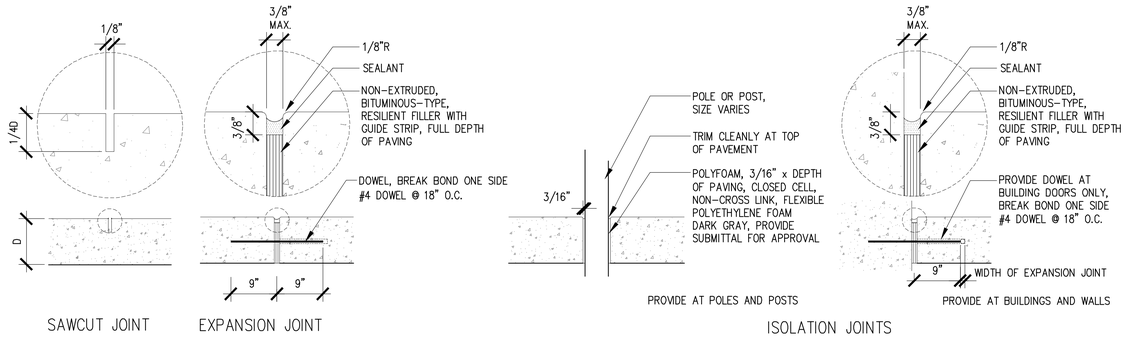
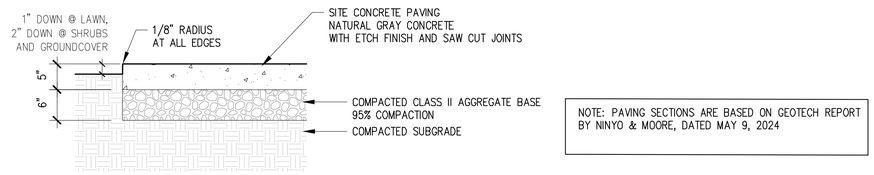
SHEET TITLE:
PLANT LIST & IMAGES

SHEET NUMBER:
L4.02

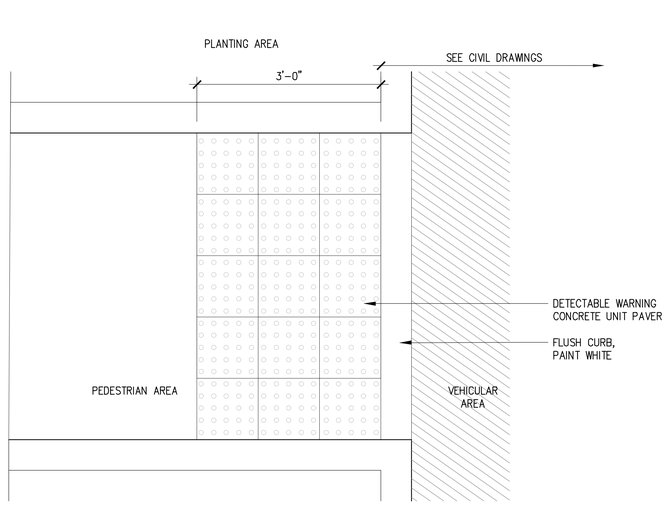


01 CONCRETE PAVING CONTROL JOINTS
NTS

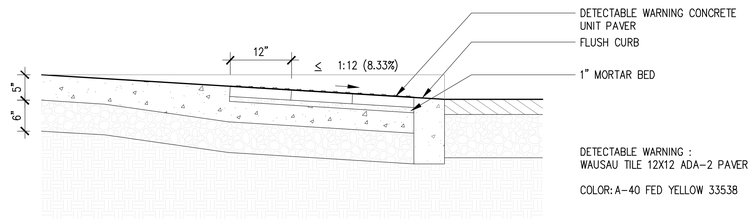


NOTE: PAVING SECTIONS ARE BASED ON GEOTECH REPORT BY NINYO & MOORE, DATED MAY 9, 2024

02 CONCRETE PAVING
1"=1'-0"

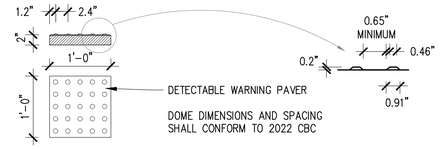


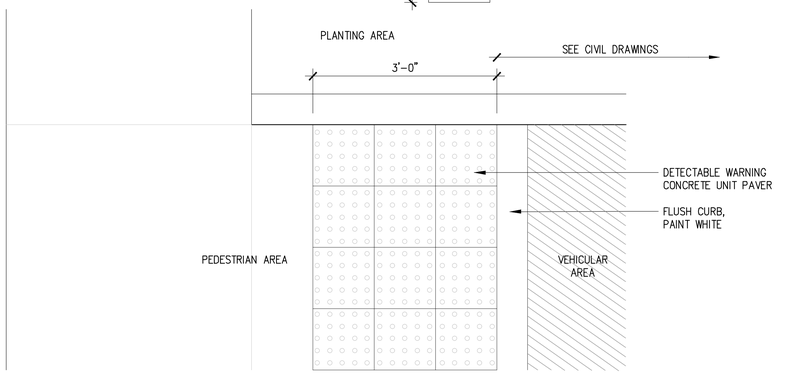
PLAN



SECTION

04 CURB RAMP WITH DETECTABLE WARNINGS
1"=1'-0"





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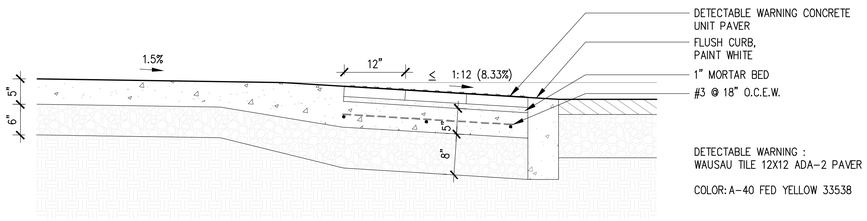

SECTION

03 ARRIVAL ZONE WITH DETECTABLE WARNINGS
1"=1'-0"

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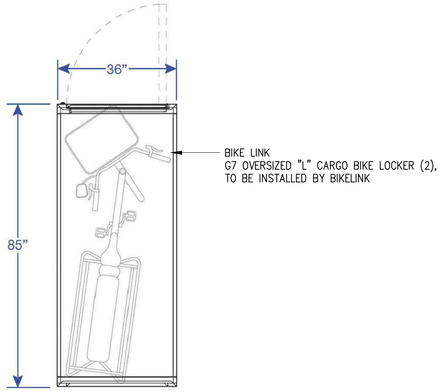
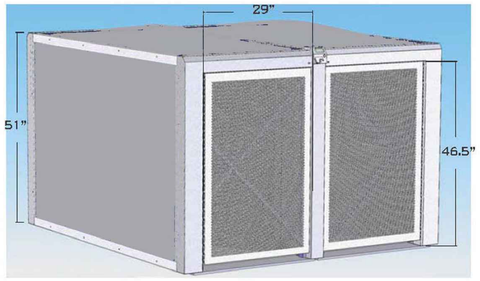
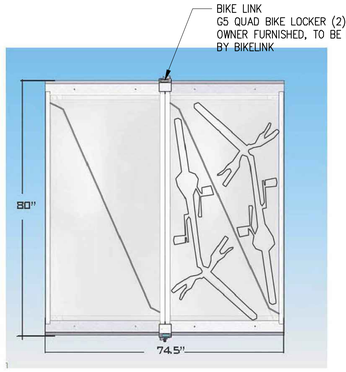
SHEET TITLE: **PAVING DETAILS**

SHEET NUMBER: **L5.00**

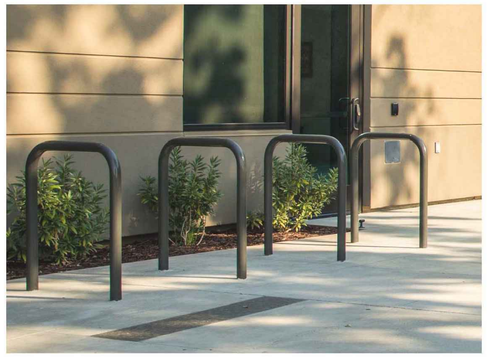


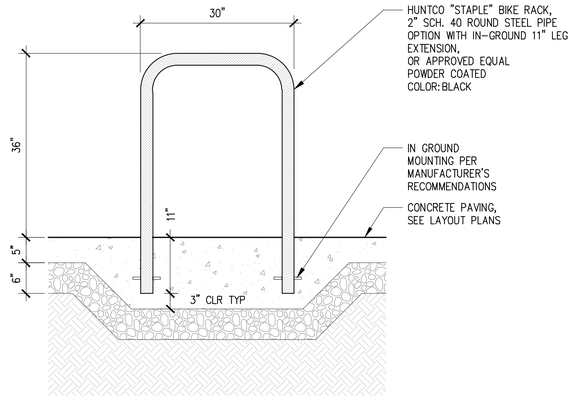




NOTE: G7 LOCKERS ARE CITY OWNED LOCKERS TO BE RELOCATED TO THE SITE. G5 LOCKERS ARE NEW. ALL LOCKERS TO BE INSTALLED BY BIKELINK

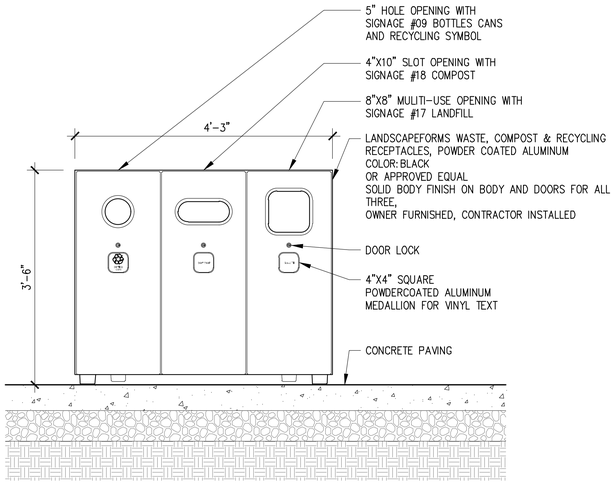
02 BIKE LOCKERS
NTS





SECTION

01 BIKE RACKS
1"=1'-0"



03 TRASH RECEPTACLE -- OFCI
1"=1'-0"

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PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT TEAM:

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MEP / FIRE PROTECTION:
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SPECIFICATIONS WEST
1975 E. Buck Ridge Place
Tucson, AZ 85737
P: 800.646.3820

REVISION:

NUMBER	DATE	DESCRIPTION

KEY PLAN:

Scale: 0 20 40 — North

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

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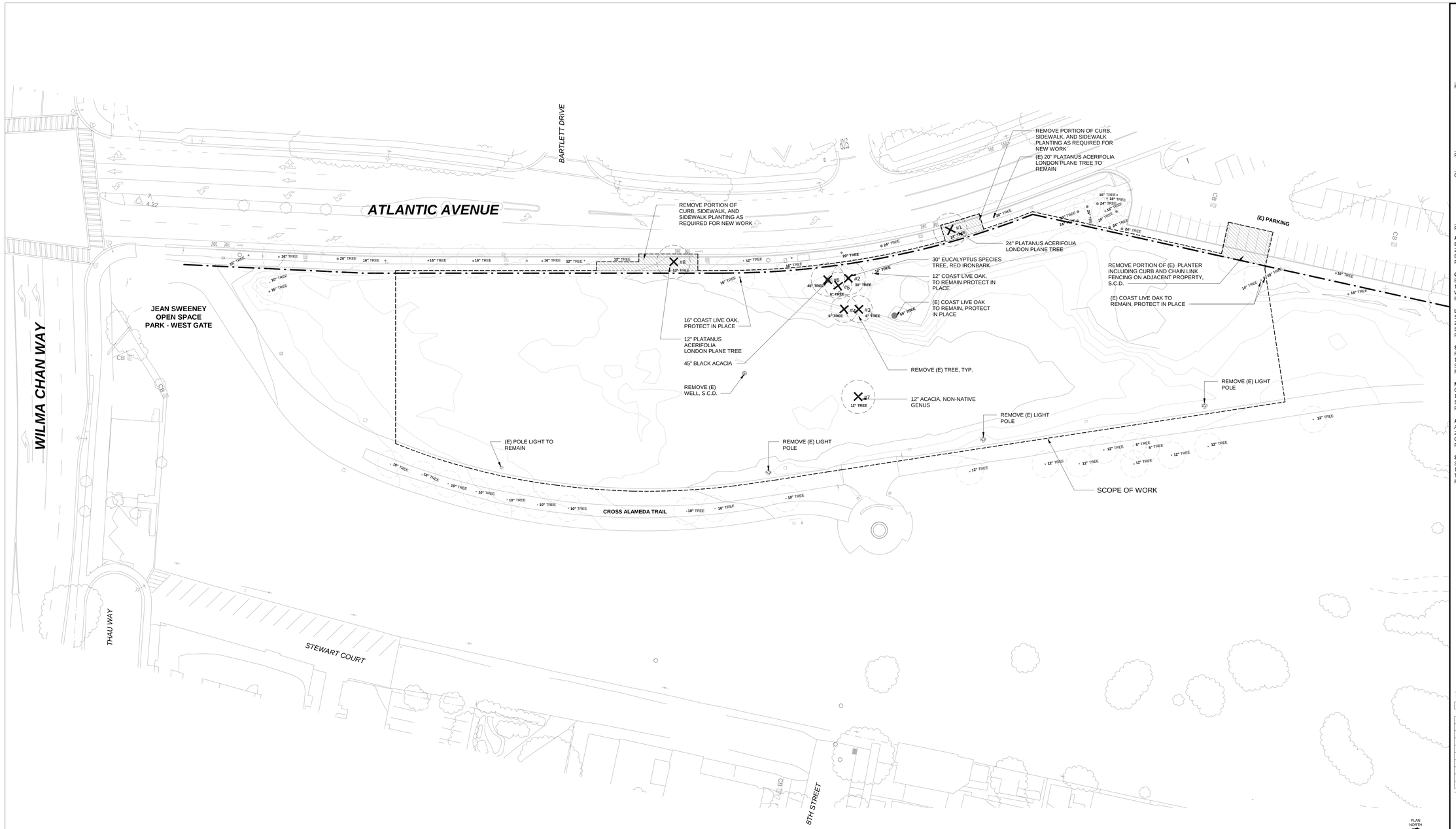
SHEET TITLE:
BIKE RACK & LOCKER DETAILS

SHEET NUMBER:
L5.02



1 SITE PLAN - DEMOLITION
1" = 30'-0"

LEGEND

- AREA TO BE DEMOLISHED
- PROPERTY LINE
- (E) TREE TO REMAIN, S.L.D.
- (E) TREE TO BE REMOVED
- TREE NUMBER TO BE DEMOLISHED

KEYNOTES

#	DESCRIPTION

SHEET NOTES

1. SEE LANDSCAPE AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
2. ADDITIONAL DEMOLITION MAY BE REQUIRED FOR UNDERGROUND UTILITY IMPROVEMENTS. REFER TO CIVIL DRAWINGS.

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

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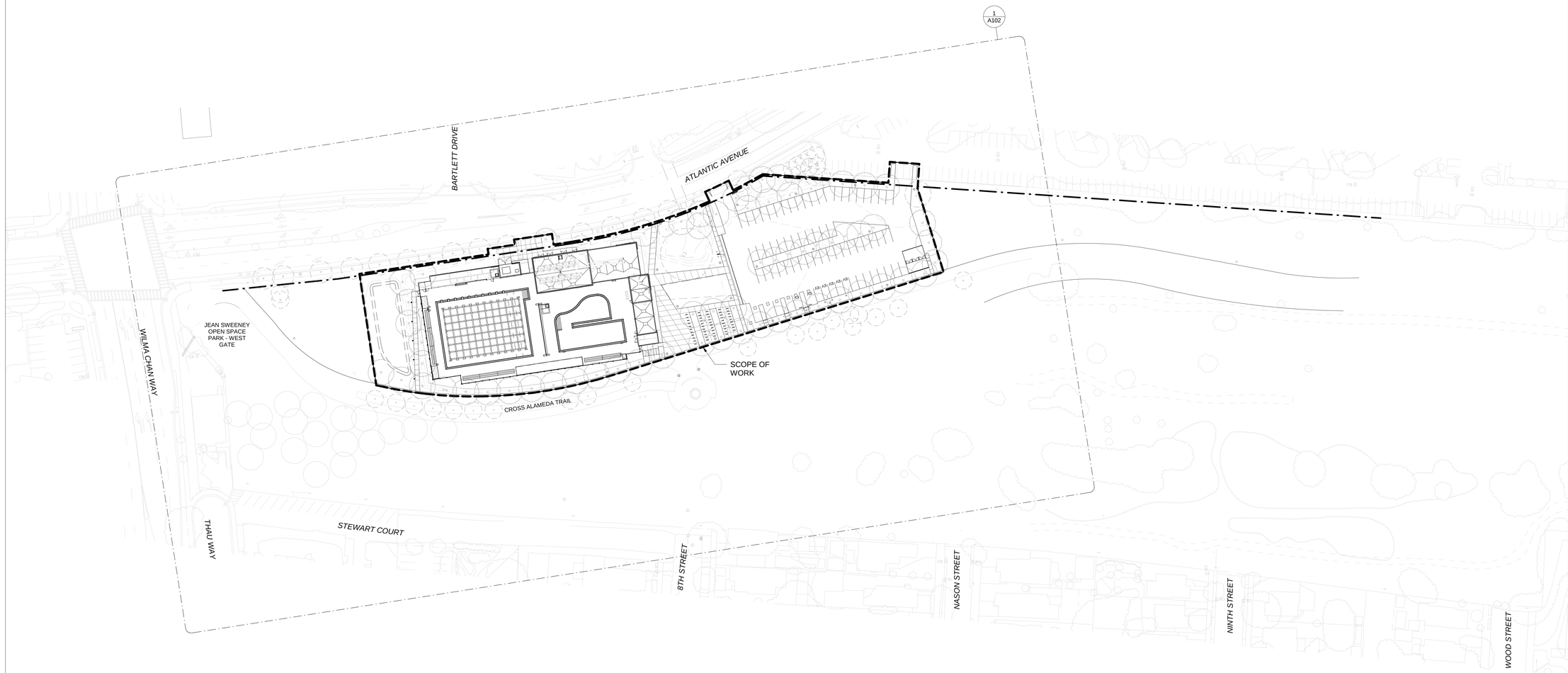
SHEET TITLE:
SITE PLAN - DEMOLITION

SHEET NUMBER:
A100



1 OVERALL SITE PLAN
1" = 50'-0"

0' 25' 50' 100'
SCALE: 1" = 50' - 0"

PLAN NORTH

LEGEND

- SCOPE OF WORK
- PROPERTY LINE
- (E) TREE TO REMAIN, S.L.D.
- (N) TREE, S.L.D.

KEYNOTES

#	DESCRIPTION

SHEET NOTES

1. SEE ELECTRICAL PLANS FOR SITE LIGHTING AND PHOTOMETRICS.
2. TOTAL SITE SCOPE OF WORK AREA = 2.35 ACRES
3. EV PARKING CHARGING STATIONS PROVIDED :
   - 7 TYPE 2 EV STALLS (1 OF WHICH IS VAN ACCESSIBLE)
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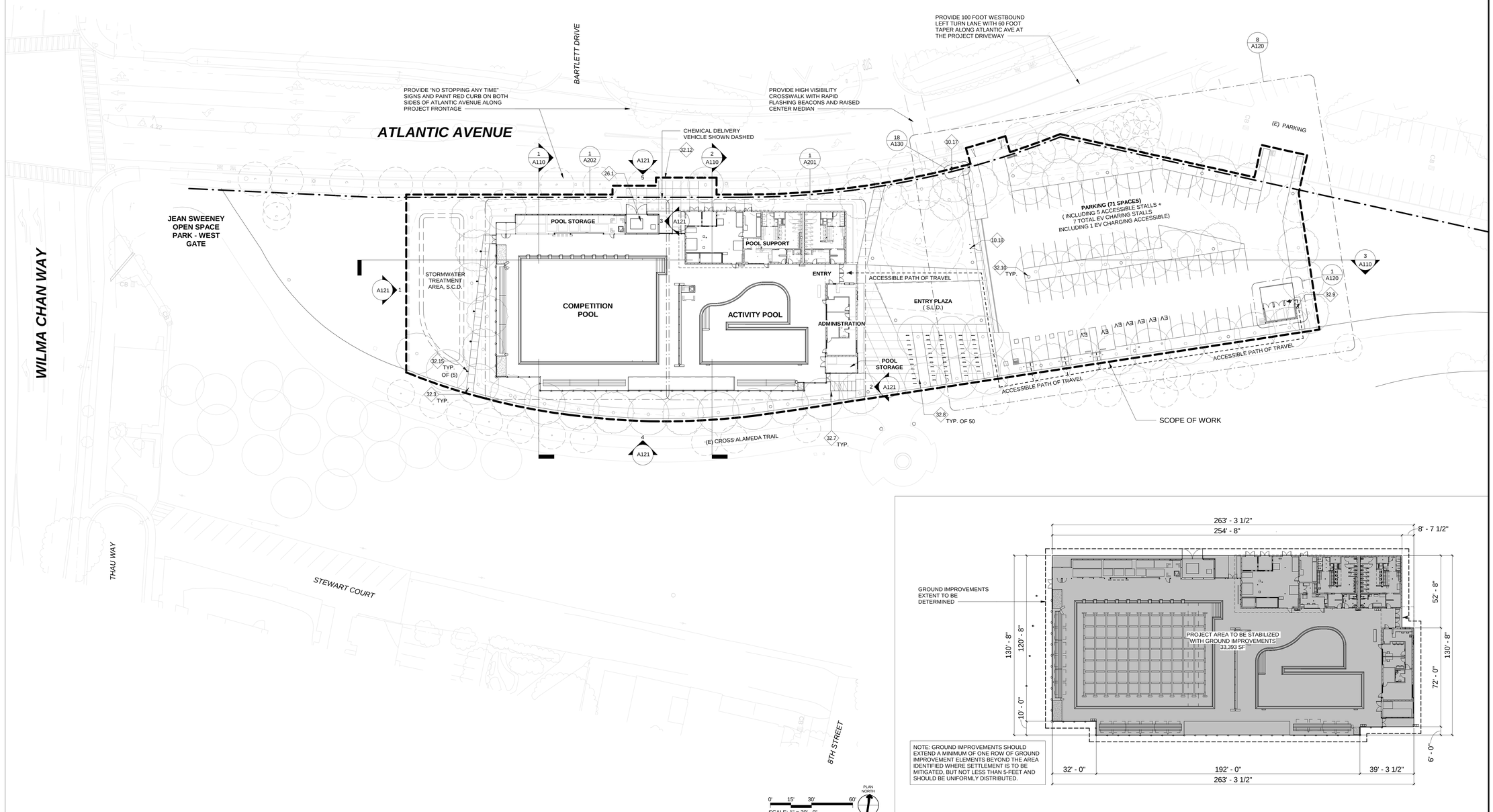
SHEET TITLE:
OVERALL SITE PLAN

SHEET NUMBER:
A101



1 SITE PLAN
1" = 30'-0"

2 SITE PLAN - GROUND IMPROVEMENTS DIAGRAM
1" = 30'-0"

LEGEND

- SCOPE OF WORK
- PROPERTY LINE
- (E) TREE TO REMAIN, S.L.D.
- (N) TREE, S.L.D.
- ACCESSIBLE PATH OF TRAVEL

KEYNOTES

#	DESCRIPTION
10.17	MONUMENT SIGN
10.18	FLAG POLE, S.L.D.
26.1	TRANSFORMER, S.E.D.
32.3	SITE PAVING, S.L.D.
32.7	BICYCLE LOCKERS, S.L.D.
32.8	BICYCLE RACKS, S.L.D.
32.9	TRASH ENCLOSURE - SEE ENLARGED PLAN
32.10	SITE LIGHTING, S.E.D.
32.12	PAVING APRON WITH ROLLED CURB
32.15	BOLLARD LIGHT, S.E.D., S.L.D.

SHEET NOTES

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DATE: **JUNE 9, 2025**

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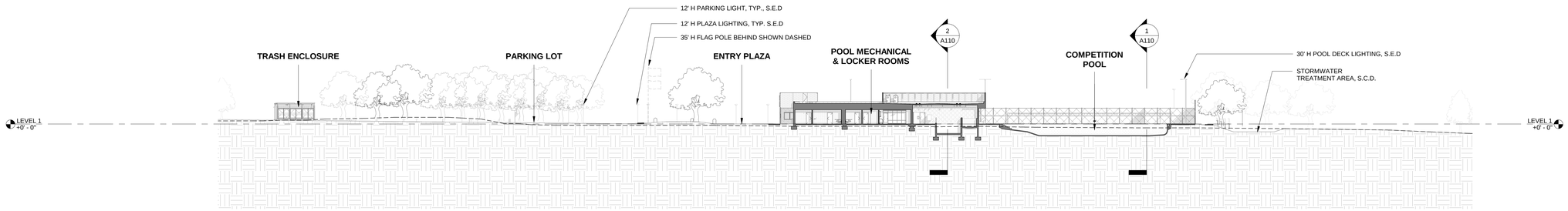
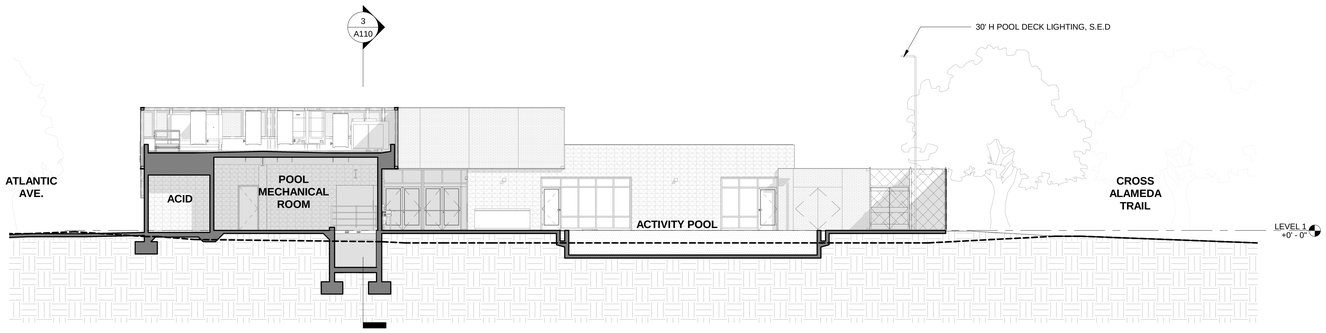
SHEET TITLE:
SITE PLAN

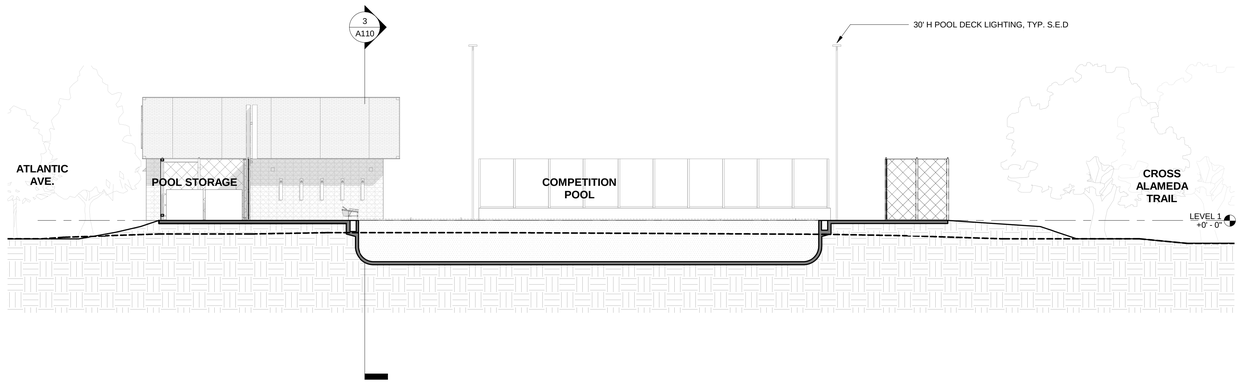
SHEET NUMBER:
A102



3 LONGITUDINAL SITE SECTION THROUGH EXISTING OAK TREE
1" = 30'-0"



2 TRANSVERSE SITE SECTION - THROUGH ACTIVITY POOL LOOKING SOUTH
1" = 10'-0"



1 TRANSVERSE SITE SECTION - THROUGH COMPETITION POOL LOOKING SOUTH
1" = 10'-0"

LEGEND

LINE OF EXISTING GRADE

KEYNOTES

#	DESCRIPTION

SHEET NOTES

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REVISION

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ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

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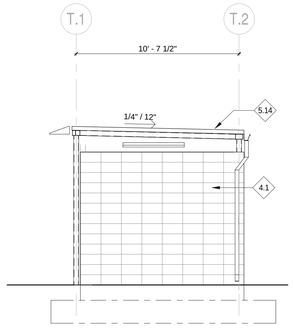
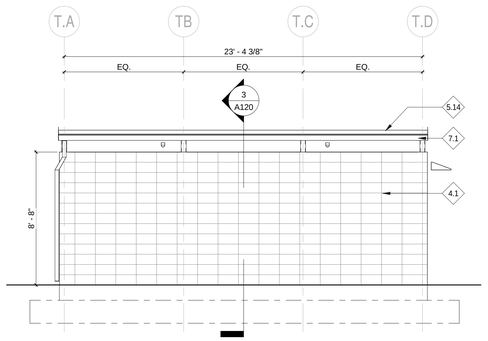
SHEET TITLE:
SITE SECTIONS

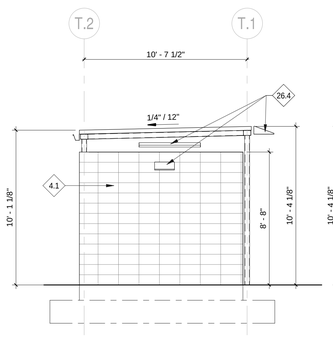
SHEET NUMBER:
A110



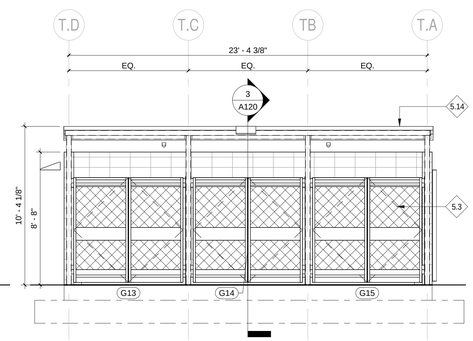
7 TRASH ENCLOSURE - WEST
1/4" = 1'-0"



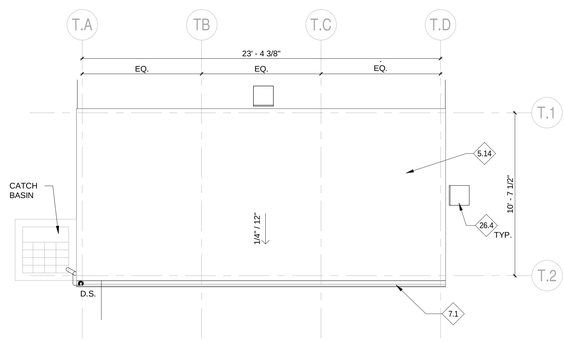
6 TRASH ENCLOSURE - SOUTH
1/4" = 1'-0"



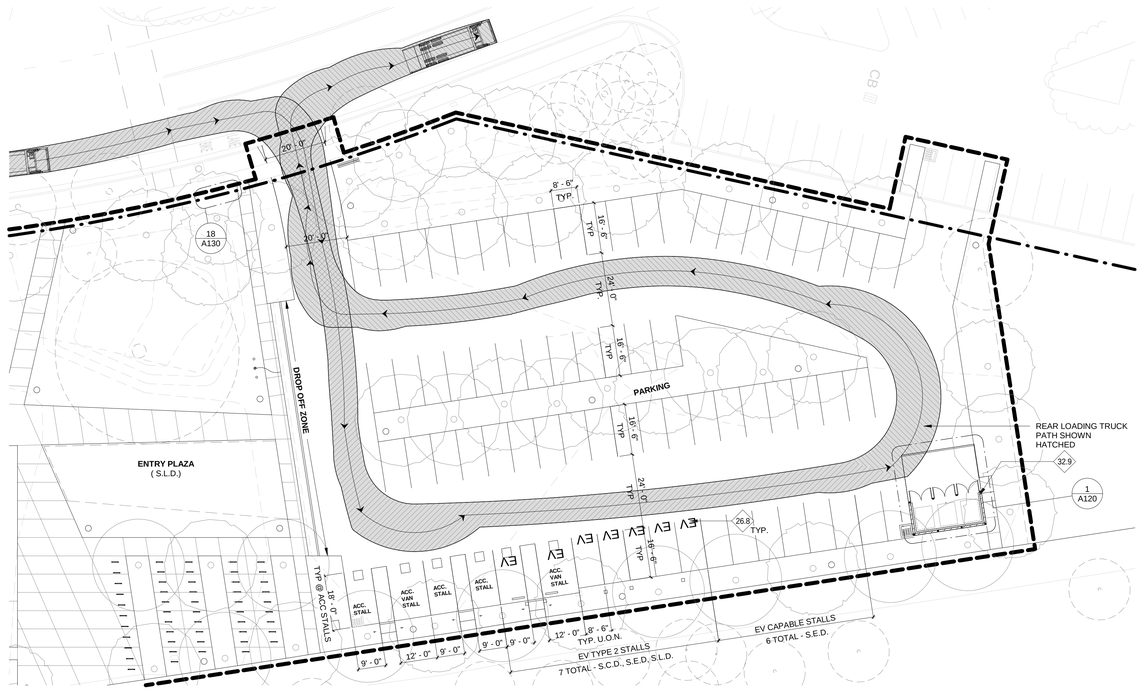
5 TRASH ENCLOSURE - EAST
1/4" = 1'-0"



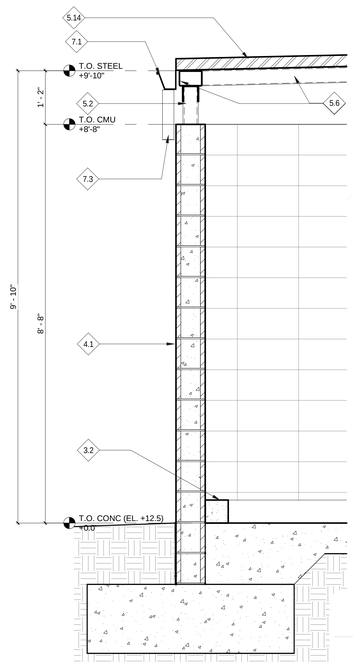
4 TRASH ENCLOSURE - NORTH
1/4" = 1'-0"



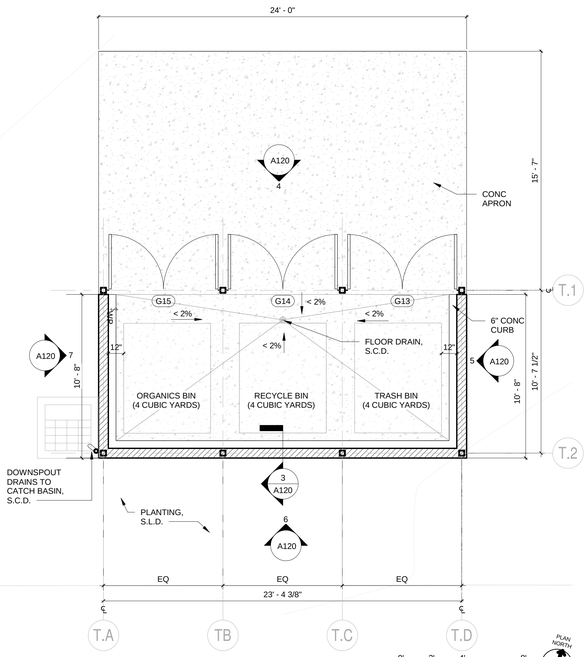
2 TRASH ENCLOSURE ROOF PLAN
1/4" = 1'-0"



8 ENLARGED SITE PLAN - WASTE COLLECTION DIAGRAM
1" = 20'-0"



3 WALL SECTION
3/4" = 1'-0"



1 ENLARGED PLAN - TRASH ENCLOSURE
1/4" = 1'-0"

LEGEND (ELEVATIONS)

- W - # — WINDOW TAG, SEE WINDOW SCHEDULE
- M# — METAL PANEL, SEE SCHEDULE
- CMU CONTROL JOINT
- CONCRETE MASONRY UNIT BLOCK
- CORRUGATED METAL PANEL
- PERFORATED, CORRUGATED METAL PANEL
- CHAIN LINK WITH FENCE SCREEN 1
- CHAIN LINK WITH FENCE SCREEN 2

LEGEND

- SCOPE OF WORK
- PROPERTY LINE
- (E) TREE TO REMAIN, S.L.D.
- (N) TREE, S.L.D.

KEYNOTES

#	DESCRIPTION
3.2	CAST-IN-PLACE CONCRETE CURB, TYP.
4.1	CONCRETE MASONRY BLOCK (GROUND FACE AT EXTERIOR SIDE OF ALL EXTERIOR WALLS)
5.2	HSS 4"X4", PAINTED, S.S.D.
5.3	METAL GATE, PAINTED
5.6	HSS - 6"X4", PAINTED, S.S.D.
5.14	GALVANIZED 3" CORRUGATED METAL, 20 GA, PTD. SLOPED ON STRUCTURAL FRAMING, PTD.
7.1	GSM GUTTER, PAINTED
7.3	GSM DOWNSPOUT, PAINTED
26.4	LIGHT FIXTURE, S.E.D.
26.8	PARKING SPACE PROVIDED WITH LEVEL TWO 40 AMP CAPACITY ELECTRICAL VEHICLE CHARGING STATION
32.9	TRASH ENCLOSURE - SEE ENLARGED PLAN

SHEET NOTES

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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

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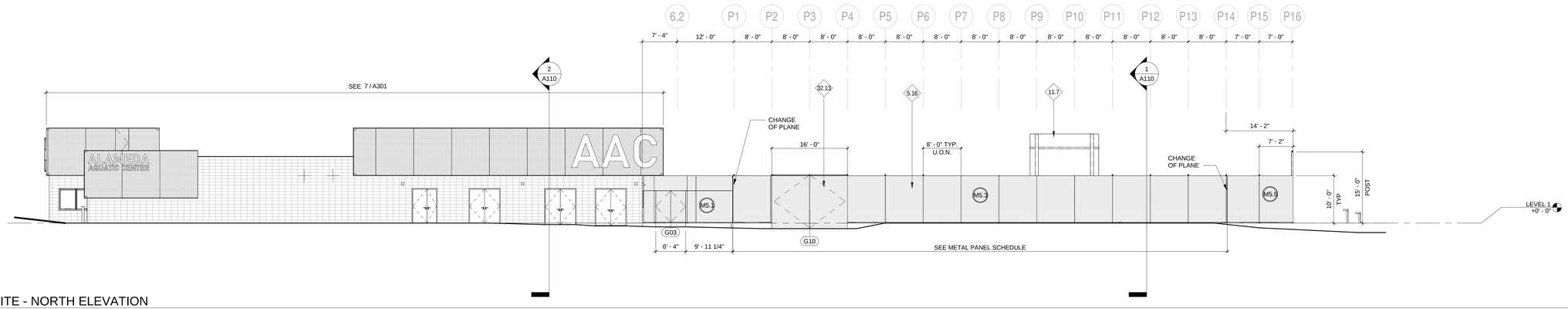
SHEET TITLE:

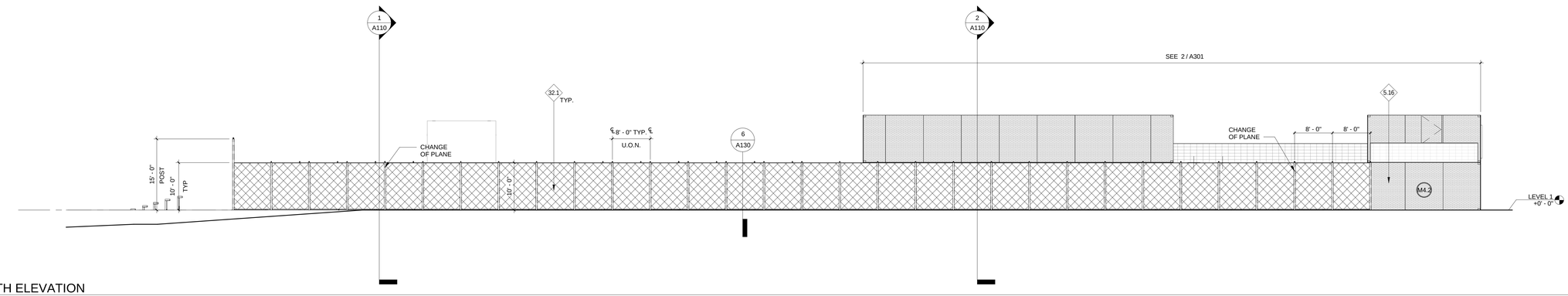
SITE ELEVATIONS & ENLARGED PLANS- TRASH ENCLOSURE

SHEET NUMBER:

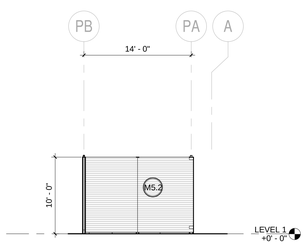
A120



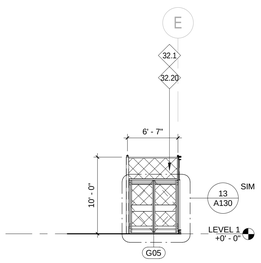
5 SITE - NORTH ELEVATION
1" = 10'-0"



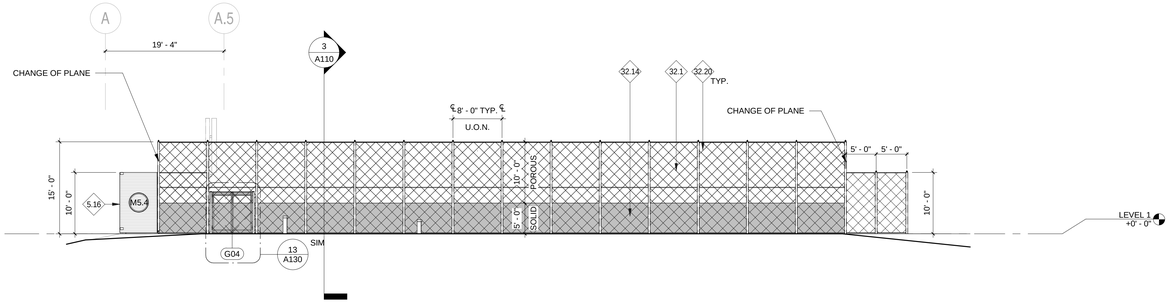
4 SITE - SOUTH ELEVATION
1" = 10'-0"



3 SITE - EAST ELEVATION AT TRANSFORMER
1/8" = 1'-0"



2 SITE - EAST ELEVATION
1/8" = 1'-0"



1 SITE - WEST ELEVATION
1" = 10'-0"

LEGEND

W - #	WINDOW TAG, SEE WINDOW SCHEDULE
M#	METAL PANEL, SEE SCHEDULE
	CMU CONTROL JOINT
	CONCRETE MASONRY UNIT BLOCK
	CORRUGATED METAL PANEL
	PERFORATED, CORRUGATED METAL PANEL
	CHAIN LINK WITH FENCE SCREEN 1
	CHAIN LINK WITH FENCE SCREEN 2

KEYNOTES

#	DESCRIPTION
5.16	CORRUGATED METAL PANEL OVER PAINTED HSS FRAME
11.7	LED SCOREBOARD (ADD. ALT.)
32.1	POUROUS WINDSCREEN - FENCE SCREEN 1. SEE SPECIFICATIONS APPENDIX A.
32.13	HSS-FRAMED GATE, WITH PANEL TO MATCH PERFORATED CORRUGATED METAL PANEL SCREEN
32.14	SOLID WINDSCREEN - FENCE SCREEN 2. SEE SPECIFICATIONS APPENDIX A.
32.20	VINYL COATED CHAIN LINK FENCING, TYP.

SHEET NOTES

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

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PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

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REVISION

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ISSUE:
PLANNING RESUBMITTAL 5

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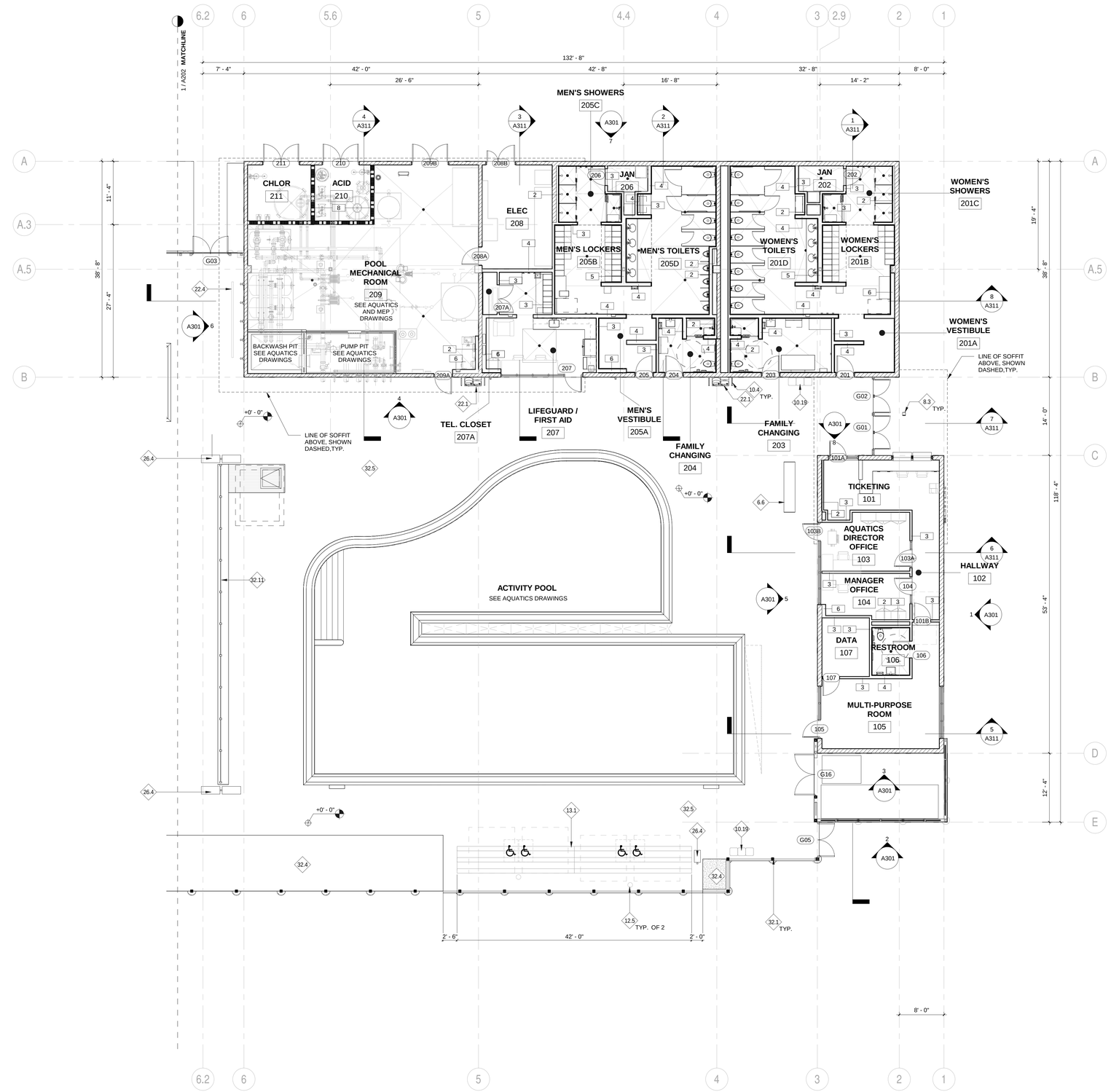
SHEET TITLE:
SITE ELEVATIONS - PERIMETER FENCING

SHEET NUMBER:
A121



1 FLOOR PLAN - BUILDING
1/8" = 1'-0"

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

SHEET NOTES

KEYNOTES

#	DESCRIPTION
6.6	CUSTOM CASEWORK
8.3	DOOR ACTUATOR, BOLLARD MOUNT
10.4	CANE DETECTION RAIL
10.19	THREE-WASTE STREAM TRASH RECEPTABLES
12.5	SHADE UMBRELLA
13.1	ALUMINUM BLEACHERS
22.1	DUAL HEIGHT DRINKING FOUNTAIN, S.P.D.
22.4	TRENCH DRAIN FOR EXTERIOR SHOWERS, S.P.D, SEE AQUATICS DRAWINGS
26.4	LIGHT FIXTURE, S.E.D.
32.1	POUROUS WINDSCREEN - FENCE SCREEN 1. SEE SPECIFICATIONS APPENDIX A.
32.4	SITE PLANTING, S.L.D.
32.5	C.I.P. CONCRETE POOL DECK
32.11	GLASS WINDSCREEN

LEGEND

- CONCRETE MASONRY UNIT WALL
- 1-HOUR RATED WALL
- METAL STUD WALL
- 101 — DOOR TAG, SEE DOOR SCHEDULE
- W - # — WINDOW TAG, SEE WINDOW SCHEDULE

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REVISION:

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KEY PLAN:

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

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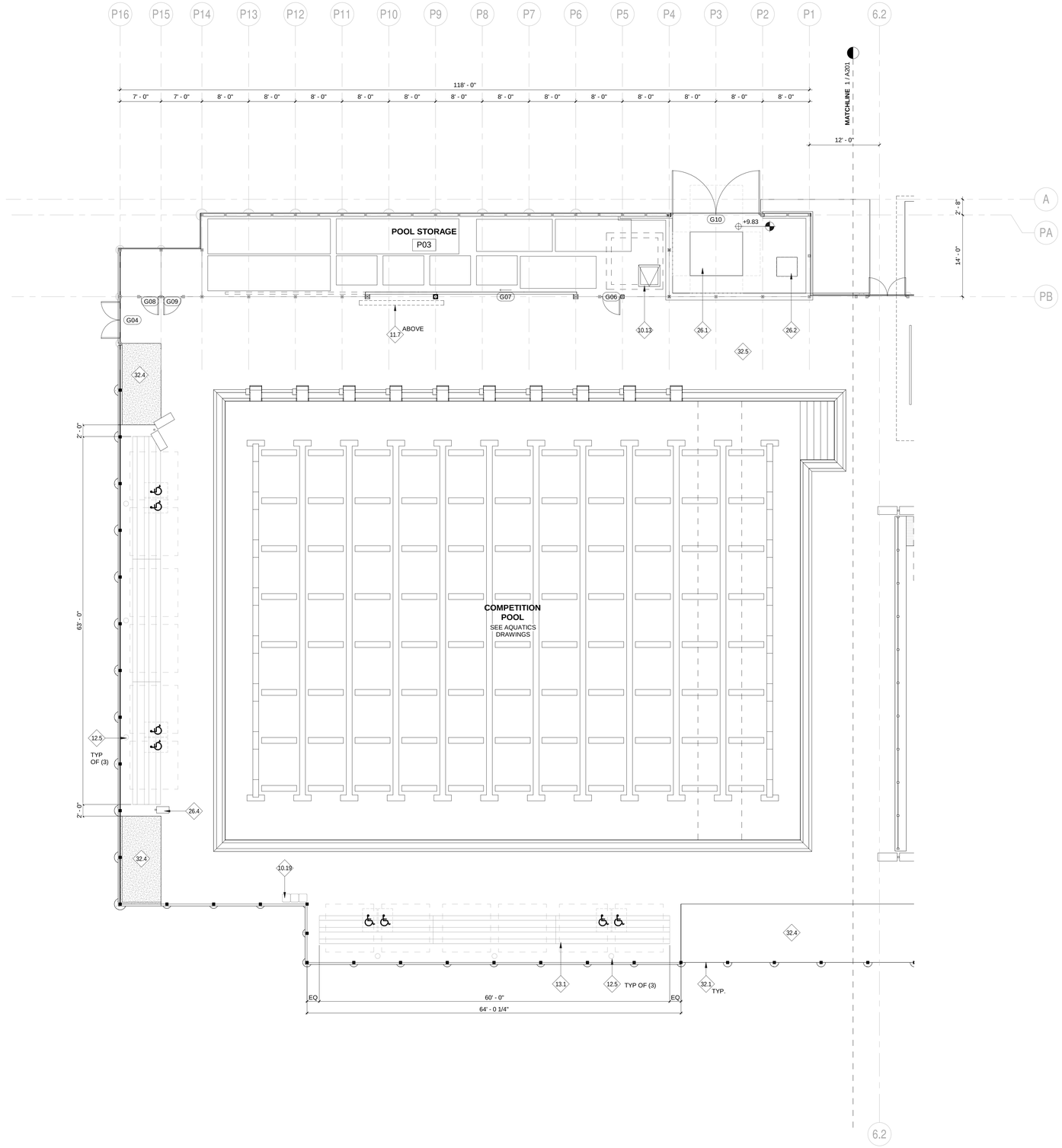
SHEET TITLE:
FLOOR PLAN - BUILDINGS

SHEET NUMBER:
A201



1 FLOOR PLAN - POOL ENCLOSURE
1/8" = 1'-0"

0' 4' 8' 16'
SCALE: 1/8" = 1' - 0"

PLAN NORTH

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

SHEET NOTES

KEYNOTES

#	DESCRIPTION
10.13	SURGE CHAMBER ACCESS HATCH, SEE POOL DRAWINGS
10.19	THREE-WASTE STREAM TRASH RECEPTABLES
11.7	LED SCOREBOARD (ADD. ALT.)
12.5	SHADE UMBRELLA
13.1	ALUMINUM BLEACHERS
26.1	TRANSFORMER, S.E.D.
26.2	TRANSITION CABINET, S.E.D.
26.4	LIGHT FIXTURE, S.E.D.
32.1	POUROUS WINDSCREEN - FENCE SCREEN 1. SEE SPECIFICATIONS APPENDIX A.
32.4	SITE PLANTING, S.L.D.
32.5	C.I.P. CONCRETE POOL DECK

LEGEND

- CONCRETE MASONRY UNIT WALL
- 1-HOUR RATED WALL
- METAL STUD WALL
- 101 — DOOR TAG, SEE DOOR SCHEDULE
- W - # — WINDOW TAG, SEE WINDOW SCHEDULE

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REVISION:

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KEY PLAN:

ISSUE: **PLANNING RESUBMITTAL 5**

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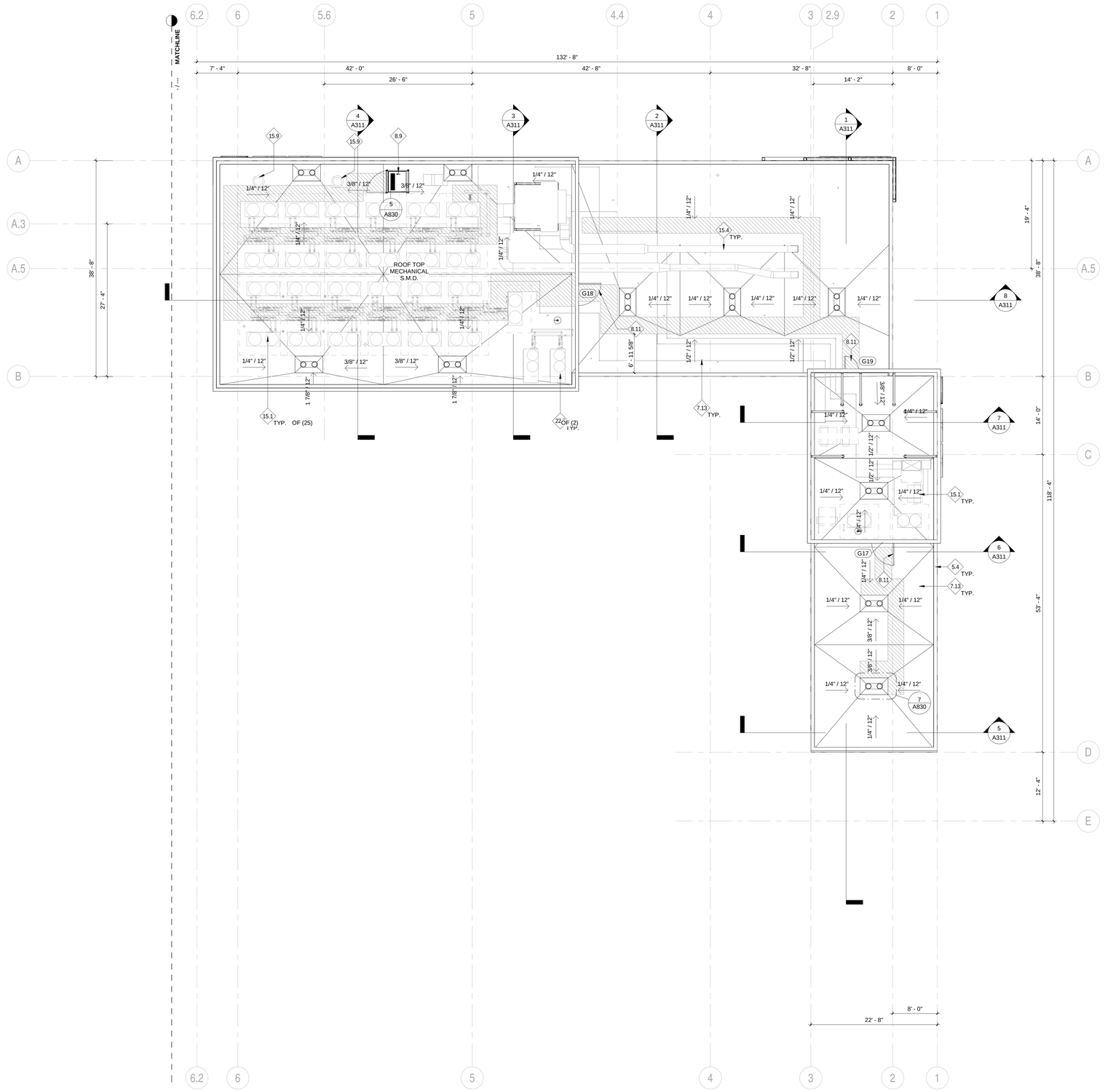
SHEET TITLE:
FLOOR PLAN - POOL ENCLOSURE

SHEET NUMBER:
A202



1 ROOF PLAN
1/8" = 1'-0"

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

SHEET NOTES

1. NO FALL ARREST IS SHOWN. ALL MECHANICAL EQUIPMENT UNITS ARE LOCATED ON ROOF WITH TOP OF PARAPET WITH 42" H MINIMUM ABOVE ROOF SURFACE. ONLY ROOF DRAINS LOCATED ON LOW PARAPET ROOF AREAS AND ARE ACCESSIBLE FOR MAINTANENCE AND CLEANING WITHOUT HAVING TO WALK WITHIN 6 FEET OF THE ROOF EDGE.
2. SEE MEP NARRATIVE FOR MORE INFORMATION. WHERE "S.M.D", "S.E.D", "S.P.D." IS NOTED, SEE PROJECT NARRATIVE.
3. ALL BASIC ROOF SLOPES ARE CREATED BY TAPERED ROOF INSULATION. BASIC ROOF SLOPE SHALL BE 1/4-INCH PER FOOT MINIMUM, U.O.N. REFER TO STRUCTURAL DRAWINGS FOR TOP OF STEEL ELEVATIONS.
4. SLOPE ROOFING TOWARDS ROOF DRAINS/OVERFLOW DRAINS AND/OR GUTTERS.
5. VALLEYS SLOPING TO ROOF DRAINS SHALL HAVE A MINIMUM 1/8-INCH PER FOOT SLOPE ALONG THE VALLEY.
6. CRICKET SLOPES ARE CREATED BY TAPERED ROOF INSULATION, U.O.N. CRICKET SURFACES AND VALLEYS SHALL HAVE 1/8-INCH PER FOOT MINIMUM SLOPE.
7. MINIMUM INSULATION THICKNESS ABOVE THE METAL DECK AT ROOF DRAINS OR SIMILAR LOW POINTS SHALL BE 3-INCHES.

KEYNOTES

#	DESCRIPTION
5.4	METAL COPING, PAINTED
7.13	PVC ROOFING O/ 1/2" ROOF GYPSUM BOARD O/ 5" AVERAGE (3" MIN) TAPERED POLYISOCYANURATE INSULATION BOARD O/ METAL DECK
8.9	PREMANUFACTURED ROOF ACCESS HATCH. ALL GUARDRAILS AND GATES TO BE PAINTED CUSTOM COLOR AS SPECIFIED BY ARCHITECT.
8.11	HINGED GATE IN PARAPET SCREEN FOR ROOF ACCESS
15.1	MECHANICAL EQUIPMENT, S.M.D.
15.4	MECHANICAL DUCT, S.M.D. PROVIDE PAINT FINISH AT ALL EXPOSED DUCTS.
15.9	ROOF TOP MECHANICAL EXHAUST, S.M.D.
22.5	PLUMBING EQUIPMENT, S.P.D.

LEGEND

ROOF TOP ACCESS PATH

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REVISION:

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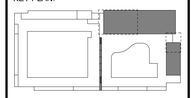
KEY PLAN:



ISSUE: **PLANNING RESUBMITTAL 5**

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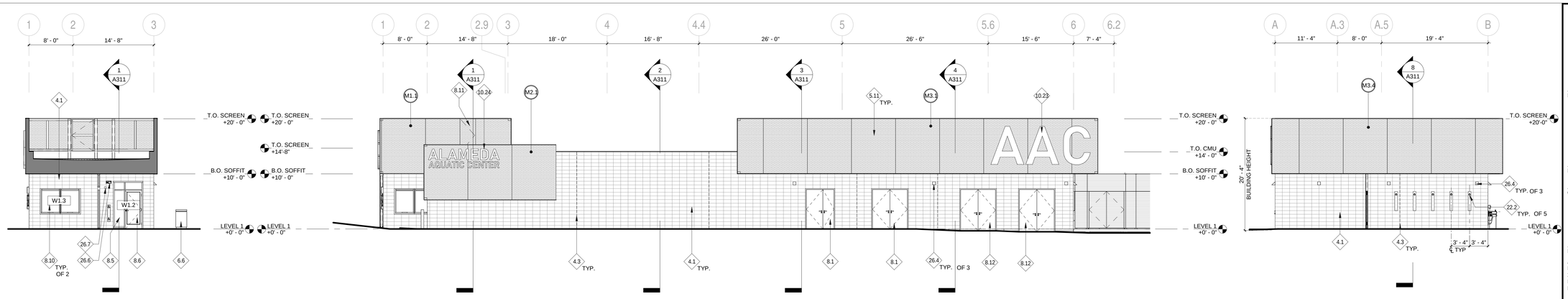
SHEET TITLE:
ROOF PLAN - BUILDINGS

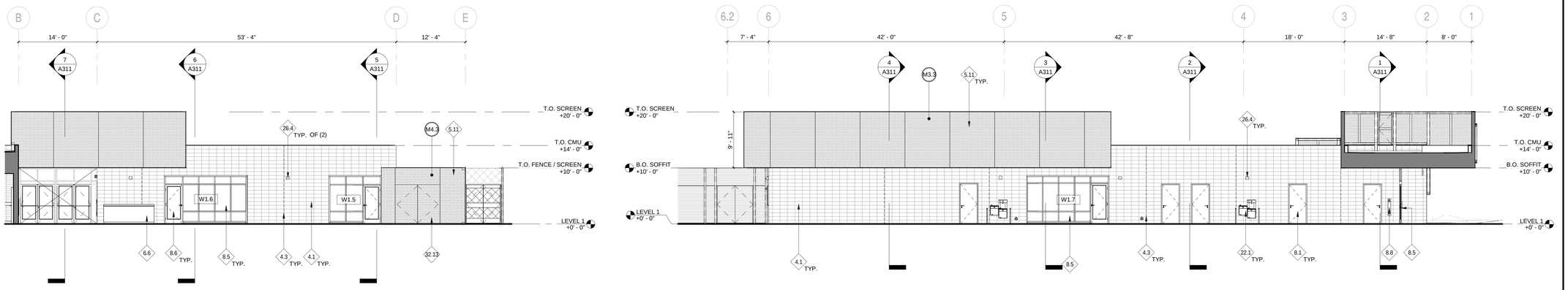
SHEET NUMBER:
A231



8 NORTH BUILDING ELEVATION @ GL. C
1/8" = 1'-0"

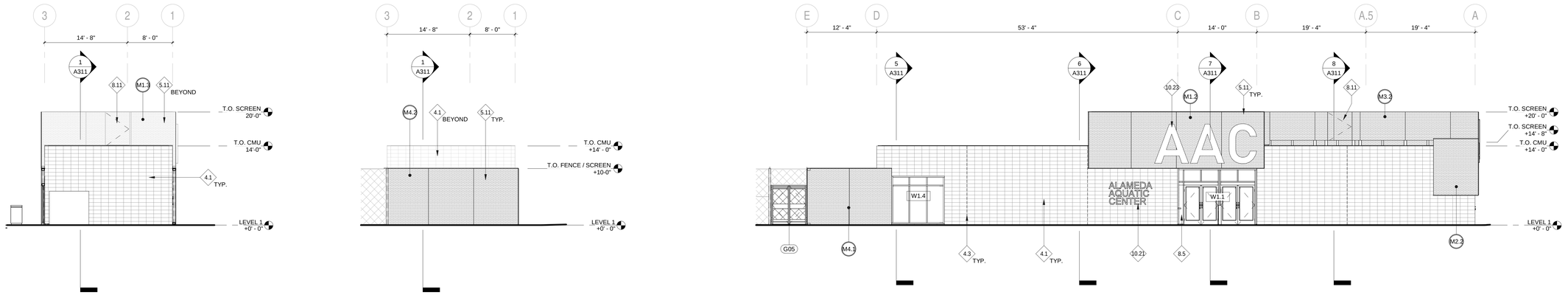
7 NORTH BUILDING ELEVATION @ GL. A
1/8" = 1'-0"

6 WEST BUILDING ELEVATION @ GL. 6
1/8" = 1'-0"



5 WEST BUILDING ELEVATION @ GL. 3
1/8" = 1'-0"

4 SOUTH BUILDING ELEVATION @ GL. B
1/8" = 1'-0"



3 SOUTH BUILDING ELEVATION @ GL. D
1/8" = 1'-0"

2 SOUTH BUILDING ELEVATION @ GL. E
1/8" = 1'-0"

1 EAST BUILDING ELEVATIONS
1/8" = 1'-0"

LEGEND

W - #	WINDOW TAG, SEE WINDOW SCHEDULE
M#	METAL PANEL, SEE SCHEDULE
	CMU CONTROL JOINT
	CONCRETE MASONRY UNIT BLOCK
	CORRUGATED METAL PANEL
	PERFORATED, CORRUGATED METAL PANEL
	CHAIN LINK WITH FENCE SCREEN 1
	CHAIN LINK WITH FENCE SCREEN 2

KEYNOTES

#	DESCRIPTION
4.1	CONCRETE MASONRY BLOCK (GROUND FACE AT EXTERIOR SIDE OF ALL EXTERIOR WALLS)
4.3	CMU CONTROL JOINT, S.S.D.
5.11	PERFORATED CORRUGATED METAL PANEL OVER PAINTED HSS FRAME
6.6	CUSTOM CASEWORK
8.1	HOLLOW METAL DOORS, PAINTED
8.5	STOREFRONT SYSTEM TYPE 1 - PREFINISHED ALUMINUM 4-1/2" DEEP SYSTEM W/ 1" INSULATED, LOW-E GLAZING
8.6	INTERIOR ALUMINUM STOREFRONT SYSTEM
8.8	(NOT USED)
8.10	TRANSACTION WINDOW
8.11	HINGED GATE IN PARAPET SCREEN FOR ROOF ACCESS
8.12	FIBERGLASS DOORS, PREFINISHED
10.21	14" H DIMENSIONAL LETTER SIGN, PAINTED. SIGNAGE REQUIRES A SEPARATE SIGN PERMIT APPROVAL WITH THE PLANNING DIVISION.
10.23	84" H ILLUMINATED (EDGE AND HALO-LIT) DIMENSIONAL LETTER SIGN, PAINTED. SIGNAGE REQUIRES A SEPARATE SIGN PERMIT APPROVAL WITH THE PLANNING DIVISION.
10.24	SUPERGRAPHIC SIGN: 24" AND 14" HIGH DIMENSIONAL LETTER SIGN, PAINTED. SIGNAGE REQUIRES A SEPARATE SIGN PERMIT APPROVAL WITH THE PLANNING DIVISION.
22.1	DUAL HEIGHT DRINKING FOUNTAIN, S.P.D.
22.2	OUTDOOR RINSE SHOWER WITH HOT WATER, S.P.D.
26.4	LIGHT FIXTURE, S.E.D.
26.6	BATTERY BACK-UP POWER FOR AUTOMATIC DOOR OPERATOR
26.7	JUNCTION BOX, S.E.D.
32.13	HSS-FRAMED GATE, WITH PANEL TO MATCH PERFORATED CORRUGATED METAL PANEL SCREEN

SHEET NOTES

1. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION ON SITE AND EXTERIOR BUILDING LIGHTING.

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

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REVISION

NUMBER	DATE	DESCRIPTION

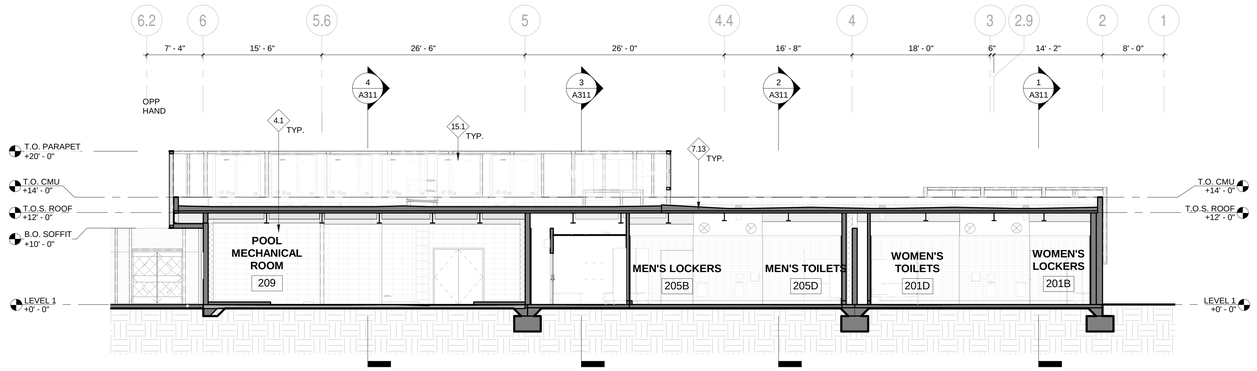
ISSUE:
PLANNING RESUBMITTAL 5

DATE:
JUNE 9, 2025

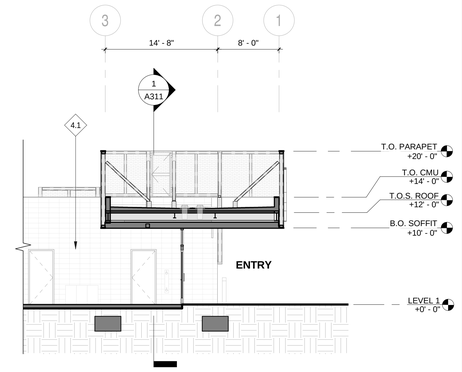
STAMP:
NOT FOR CONSTRUCTION

SHEET TITLE:
EXTERIOR ELEVATIONS

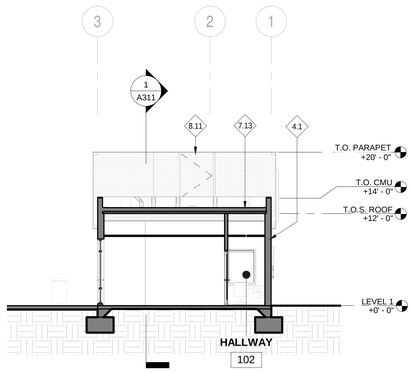
SHEET NUMBER:
A301



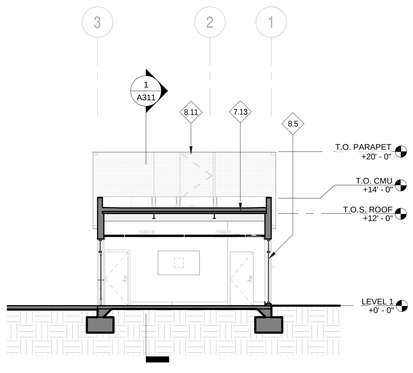
8 BUILDING SECTION - E-W @ LOCKERS
1/8" = 1'-0"



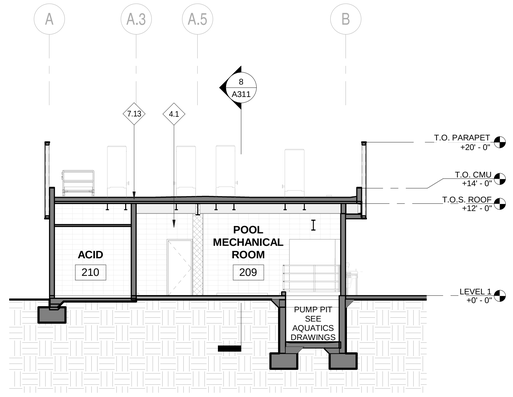
7 BUILDING SECTION - E-W @ ENTRY
1/8" = 1'-0"



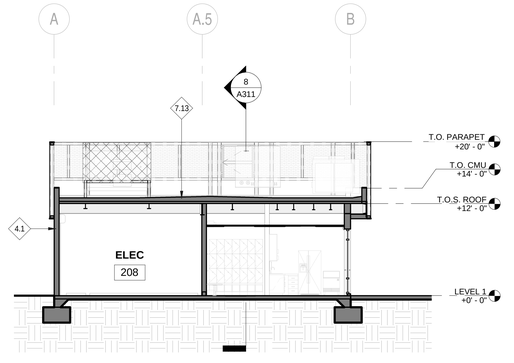
6 BUILDING SECTION - E-W @ ADMINISTRATION
1/8" = 1'-0"



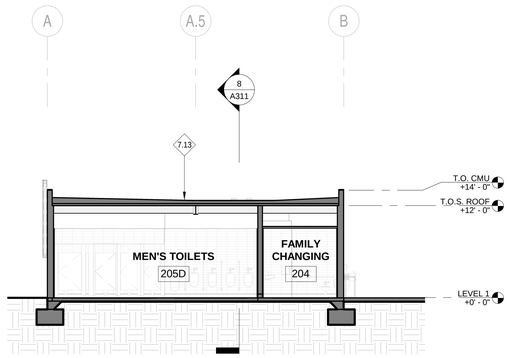
5 BUILDING SECTION - E-W @ MULTIPURPOSE ROOM
1/8" = 1'-0"



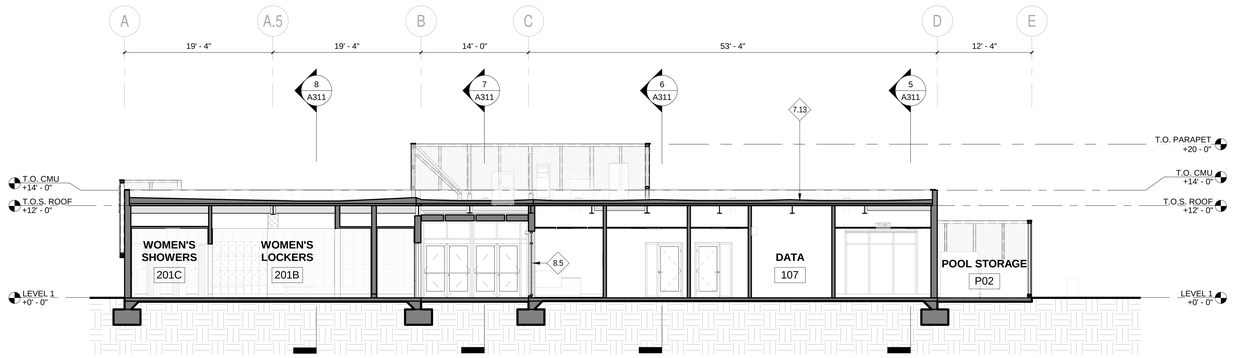
4 BUILDING SECTION - N-S @ POOL MECHANICAL
1/8" = 1'-0"



3 BUILDING SECTION - N-S @ LIFEGUARD / FIRST AID
1/8" = 1'-0"



2 BUILDING SECTION - N-S @ MEN'S TOILETS
1/8" = 1'-0"



1 BUILDING SECTION - N-S @ WOMEN'S LOCKERS & ADMINISTRATION
1/8" = 1'-0"

LEGEND

KEYNOTES

#	DESCRIPTION
4.1	CONCRETE MASONRY BLOCK (GROUND FACE AT EXTERIOR SIDE OF ALL EXTERIOR WALLS)
7.13	PVC ROOFING O/ 1/2" ROOF GYPSUM BOARD O/ 5" AVERAGE (3" MIN) TAPERED POLYISOCYANURATE INSULATION BOARD O/ METAL DECK
8.5	STOREFRONT SYSTEM TYPE 1 - PREFINISHED ALUMINUM 4-1/2" DEEP SYSTEM W/ 1" INSULATED, LOW-E GLAZING
8.11	HINGED GATE IN PARAPET SCREEN FOR ROOF ACCESS
15.1	MECHANICAL EQUIPMENT, S.M.D.

SHEET NOTES

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

els architecture+ urban design

PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE:
PLANNING RESUBMITTAL 5

DATE:
JUNE 9, 2025

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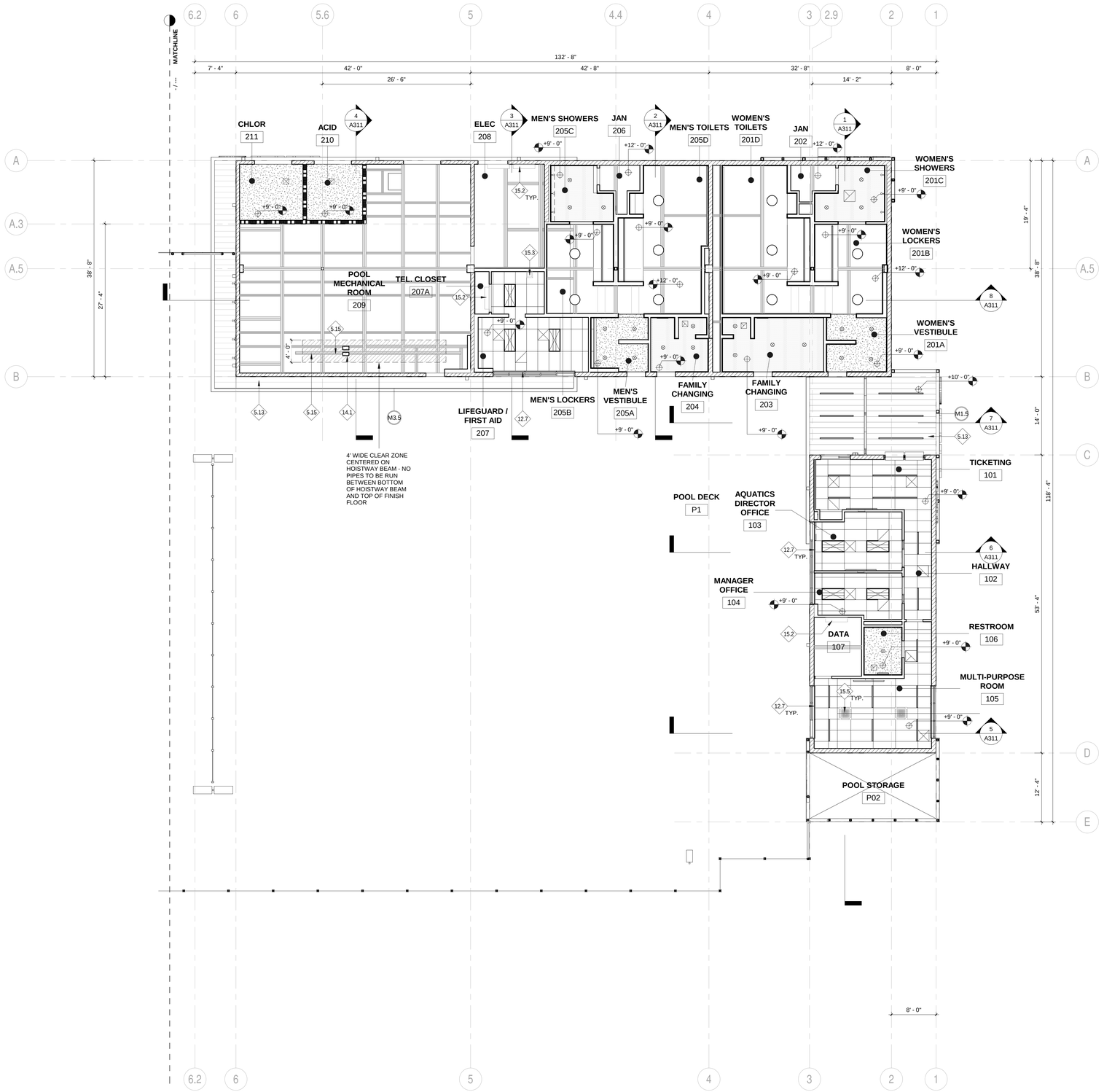
SHEET TITLE:
BUILDING SECTIONS

SHEET NUMBER:
A311



1 RCP - BUILDING
1/8" = 1'-0"

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
6. REFER TO SPECIFICATIONS AND APPENDIX FOR LIST OF MATERIAL FINISHES, COLORS, AND PAINTS.
7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

SHEET NOTES

1. FOR LIGHTING IN BACK OF HOUSE SPACES REFER TO ELECTRICAL DRAWINGS.

KEYNOTES

#	DESCRIPTION
5.13	FLAT METAL PANEL SOFFIT, SEE METAL PANEL SCHEDULE
5.15	HOIST BEAM, ALL EXPOSED PIPING TO RUN ABOVE BEAM, S.S.D.
12.7	WALL MOUNTED MANUAL ROLLER WINDOW SHADE WITH FASCIA PANEL
14.1	PUSH TROLLEY ATTACHED TO HOIST BEAM - HARRINGTON MANUAL CHAIN HOIST 4,000 LB LIFTING CAPACITY OR EQ.
15.2	WALL MOUNTED FAN COIL UNIT, S.M.D.
15.3	EXHAUST FAN, S.M.D.
15.5	IN-CEILING FAN COIL-UNIT, S.M.D.

CEILING LEGEND

- GYPSUM BOARD, PAINTED
- ACRYLIC FINISH OVER CEMENT BOARD
- 24"X48" ACOUSTICAL CEILING TILE
- EXPOSED METAL DECK & STRUCTURE, PAINTED
- SOLID METAL PANEL SOFFIT, SEE METAL PANEL SCHEDULE

LIGHTING FIXTURE LEGEND

- RECESSED DOWNLIGHT
- 2X2 RECESSED TROFFER LIGHT
- 2X4 RECESSED TROFFER LIGHT
- RECESSED WALL WASHER
- ILLUMINATED EXIT SIGN (CEILING MTD.)
- RECESSED LINEAR LIGHT FIXTURE
- SURFACE MOUNT LINEAR LIGHT FIXTURE
- PENDANT LINEAR LIGHT FIXTURE
- WALL MOUNTED FIXTURE
- ILLUMINATED EXIT SIGN (WALL MTD.)

MECHANICAL LEGEND

- SUPPLY DIFFUSER
- EXHAUST DIFFUSER
- RETURN DIFFUSER
- ACCESS PANEL

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PROJECT TEAM:

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REVISION:

NUMBER	DATE	DESCRIPTION

KEY PLAN:

ISSUE: **PLANNING RESUBMITTAL 5**

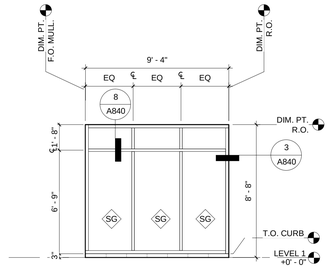
DATE: **JUNE 9, 2025**

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
REFLECTED CEILING PLAN - BUILDINGS

SHEET NUMBER:
A601

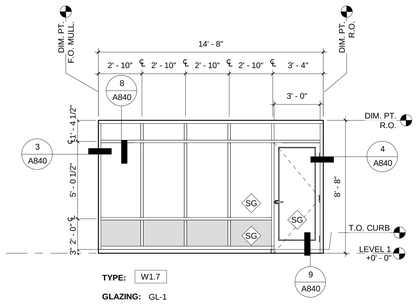


TYPE: W1.4

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

4 W1.4
1/4" = 1'-0"

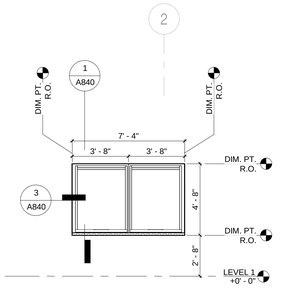


TYPE: W1.7

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

7 W1.7
1/4" = 1'-0"

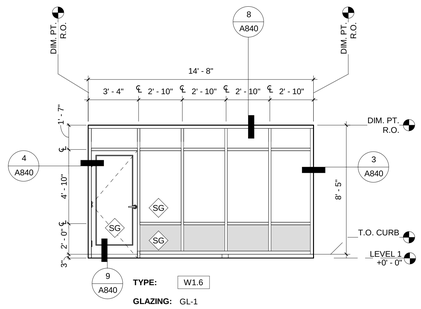


TYPE:

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

3 W1.3
1/4" = 1'-0"

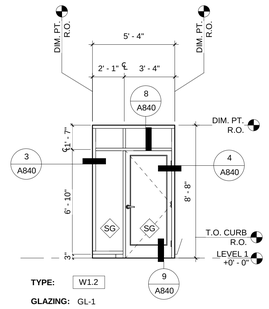


TYPE: W1.6

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

6 W1.6
1/4" = 1'-0"

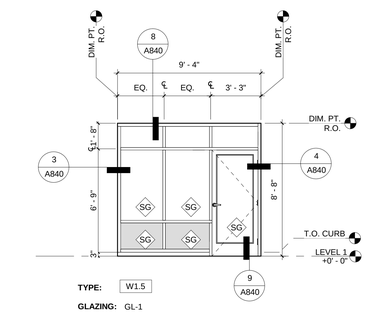


TYPE: W1.2

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

2 W1.2
1/4" = 1'-0"

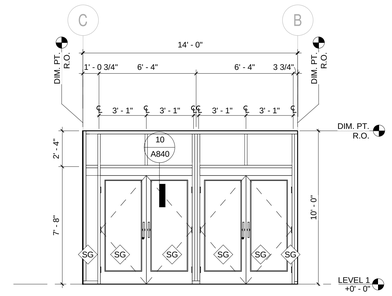


TYPE: W1.5

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

5 W1.5
1/4" = 1'-0"



TYPE: W1.1

GLAZING: GL-1

FRAME: PREFINISHED, SEE SPEC FOR COLOR

1 W1.1
1/4" = 1'-0"

GENERAL NOTES

1. ADDITIONAL GENERAL NOTES ARE PROVIDED ON SHEET A001.
2. FFE OF MAIN BUILDING: +0'-0" = +11.0'
   FFE OF TRASH ENCLOSURE: +0.0 = +12.5'
   SEE CIVIL AND LANDSCAPE DRAWINGS.
3. AUTOMATIC FIRE SPRINKLER SYSTEM THROUGHOUT BUILDING AND AT ALL BUILDING OVERHANGS AND EXTENSIONS.
4. SLAB DIMENSIONS ARE MEASURED TO GRIDLINES. SEE SLAB PLAN.
5. ALL FLOOR DRAINS ARE TO BE CENTERED IN THEIR RESPECTIVE SPACES, U.O.N.
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7. ALL EXPOSED STRUCTURE, DUCTS, PIPES, AND DRIVERS TO BE PAINTED IN ALL SPACES, U.O.N.
8. ALL EXPOSED CMU BLOCK TO RECEIVE ANTI-GRAFFITI COATING.

SHEET NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING STOREFRONT INTERNAL REINFORCEMENT AND ANCHORAGE TO MEET APPLICABLE CODES AND ORDINANCES.
2. THE STOREFRONT CONTRACTOR SHALL COORDINATE WITH OTHER TRADES MOUNTING ELEMENTS ON MULLIONS.
3. CONTRACTOR SHALL PROVIDE ALL NFRC REQUIRED DESIGN, CALCULATIONS, LABELING AND INSPECTION FOR FIELD ASSEMBLED GLAZING
4. STOREFRONT CONTRACTOR SHALL PROVIDE BRAKE METAL INFILL PANELS, COVERS AND FLASHINGS WITHIN MULLIONS, TO MATCH MULLION COLOR. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING METAL GAUGES TO PREVENT OIL-CANNING.
5. FIELD VERIFY ROUGH OPENING DIMENSIONS AND CONFIRM BRAKE METAL PANEL DIMENSIONS.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING GLASS THICKNESS AND FOR PROVIDING SAFETY GLAZING AT ALL LOCATIONS REQUIRED BY CODE, AND AS OTHERWISE INDICATED. WHERE SAFETY GLAZING IS REQUIRED AT DOUBLE PANED GLASS LOCATIONS, PROVIDE SAFETY GLAZING AT BOTH PANES
7. COORDINATE BETWEEN STOREFRONT AND AUTOMATIC SWINGING DOORS. POWER AND CONTROL WIRING SHALL BE CONCEALED WITHIN MULLIONS.
8. FOR DOORS, SEE DOOR SCHEDULE ON A800.

LEGEND

SG	SAFETY GLASS PER CBC 2406.4
	GL-1 INSULATED GLAZING UNIT (IGU), LOW-E
	GL-2 INSULATED GLAZING UNIT (IGU), LOW-E, TRANSLUCENT

els architecture+ urban design

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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
EXTERIOR STOREFRONT SCHEDULE

SHEET NUMBER:
A801

POWER LEGEND

	SINGLEPLEX RECEPTACLE OUTLET: 125V, 20A, MOUNT AT 18"AFF TO CENTER OF OUTLET, TYP. UON
	DUPLEX RECEPTACLE OUTLET: 125V, 20A, MOUNT AT 18"AFF TO CENTER OF OUTLET, TYP. UON
	DOUBLE DUPLEX RECEPTACLE OUTLET: 125V, 20A MOUNT AT 18"AFF TO CENTER OF OUTLET, TYP. UON
	CONTROLLED DUPLEX RECEPTACLE OUTLET: 125V, 20A, TOP HALF SWITCHED VIA OCCUPANCY SENSOR OR VIA ,TIME SWITCH IN OPEN OFFICES. (PLUG LOAD CONTROL) MOUNT AT 18"AFF TO CENTER OF OUTLET, UON
	HALF-CONTROLLED DOUBLE DUPLEX OUTLET; 125V, 20A, (ONE DUPLEX CONTROLLED, ONE DUPLEX UNCONTROLLED). MOUNT AT 18"AFF TO CENTER OF OUTLET, UON
	COMBINATION 120V/USB DUPLEX RECEPTACLE
	FLOOR MOUNTED DUPLEX OUTLET. 125V, 20A
	FLOOR MOUNTED POWER DOUBLE DUPLEX OUTLET. 125V, 20A
	FLUSH FLOOR MOUNTED POWER OUTLET. FIELD VERIFY EXACT, LOCATION AND TYPE. 125V, 20A
AV	COMBINATION POWER, TELE/DATA & AUDIO VISUAL FLUSH FLOOR MOUNTED SPLIT WIRED DUPLEX OUTLET. 125V. 20A
AV	COMBINATION POWER, TELE/DATA & AUDIO VISUAL FLUSH FLOOR MOUNTED HALF CONTROLLED QUADRUPLEX OUTLET. 125V. 20A
	CEILING MOUNTED DUPLEX OUTLET. 125V, 20A
	CEILING MOUNTED DOUBLE DUPLEX OUTLET. 125V, 20A
	SPECIAL PURPOSE OUTLET. RATING AS INDICATED.
	CORD DROP OUTLET, TYPE AS NOTED ON PLAN
	POWER POLE , TYPE AS NOTED ON PLAN
	COMBINATION POKE-THRU (PEDESTAL) DOUBLE DUPLEX RECEPTACLE , AND TELEPHONE/DATA RECEPTACLE.
	POKE THRU (FLUSH) COMBINATION TEL/DATA RECEPTACLE.
$L	LINE VOLTAGE CONTROL SWITCH.
	POWER/TELECOM WIREMOLD SURFACE RACEWAY,LENGTH APPROXIMATELY AS SHOWN
B	BELL
P	ADA DOOR PUSHPAD
	PUSHBUTTON
M	MOTOR CONNECTION
J J	JUNCTION BOX, WALL / CEILING MOUNTED
J	FLOOR FURNITURE FEED/J-BOX
FSD	FIRE SMOKE DAMPER WITH SINGLE POLE DISCONNECT

RECEPTACLE SUBSCRIPT LEGEND

a

AC	=	ABOVE COUNTER
+XX "AFF"	=	SPECIAL MOUNTING HEIGHT
D	=	DEDICATED CIRCUIT
G	=	GROUND FAULT CIRCUIT INTERRUPTER
IG	=	ISOLATED GROUND
WP	=	WEATHERPROOF
a	=	SUBSCRIPT(S) INDICATES SWITCH CONTROL
6	=	NUMBER INDICATES CIRCUIT NUMBER
T	=	TAMPER RESISTANT TYPE OUTLET

WORK DESIGNATION

EXISTING WORK	DEMOLITION WORK	NEW WORK

LIGHTING LEGEND

	LIGHTING FIXTURE DOWNLIGHT, CEILING (SURFACE OR RECESSED OR PENDANT) MOUNTED
	LIGHTING FIXTURE, WALL OR SURFACE MOUNTED
	LIGHTING FIXTURE, LENGTH AS SHOWN, (SURFACE OR WALL OR RECESSED OR PENDANT) MOUNTED
OR EM EM	EMERGENCY LIGHTING FIXTURE (POWERED FROM EM GENERATOR OR INVERTER OR INTEGRAL BATTERY SYSTEM)
NL NL	NIGHT LIGHT (UNSWITCHED LIGHTING)
	WALL WASHER, CEILING (SURFACE OR RECESSED OR PENDANT) MOUNTED
	LIGHTING FIXTURE(S), POLE MOUNTED
	CIRCULAR PEDESTRIAN POLE (POST TOP LIGHTING)
F1 a 2	FIXTURE DESIGNATION: LIGHTING FIXTURE TYPE INDICATES SWITCH CONTROL INDICATES CIRCUITING
DZP	DZP = DAYLIGHTING ZONE PRIMARY DZS = DAYLIGHTING ZONE SECONDARY DZK = DAYLIGHTING ZONE SKYLIGHT
	EXIT SIGN, WALL MOUNTED SHADING = ILLUMINATED FACE ARROWS AS SHOWN
P	EXIT SIGN, CEILING MOUNTED P = PENDANT MOUNTED SHADING = ILLUMINATED FACE ARROWS AS SHOWN
	EXIT SIGN, LOW LEVEL, RECESSED IN WALL. SHADING = ILLUMINATED FACE. ARROWS AS SHOWN +12" AFF TO BOT OF FIXTURE, U.O.N.
a	OCCUPANCY SENSOR, WALL MOUNTED. SUBSCRIPT(S) INDICATES FIXTURE(S) CONTROLLED. a = SINGLE RELAY. a,b = DOUBLE RELAYS.
D	COMBINATION DIMMER & OCCUPANCY SENSOR, WALL MOUNTED
a	OCCUPANCY SENSOR, CEILING MOUNTED. SUBSCRIPT(S) INDICATES FIXTURE(S) CONTROLLED.
a	DAYLIGHTING PHOTOCELL. SUBSCRIPT(S) INDICATES LIGHTING CONTROLLED.
PC	OUTDOOR PHOTOCELL SENSOR

LIGHT SWITCH SUBSCRIPT LEGEND

$a

LOW VOLTAGE CONTROL SWITCH, SUBSCRIPT(S) INDICATES ASSOCIATED LIGHT FIXTURE(S) / EQUIPMENT CONTROLLED. NO SUBSCRIPT INDICATES ALL LIGHT FIXTURE(S) / EQUIPMENT CONTROLLED INSIDE ROOM. MOUNT AT +42" AFF. SUBSCRIPT (K) INDICATES . UNLESS OTHERWISE NOTED.

a	=	SINGLE BUTTON CONTROLLER
a,b	=	MULTI BUTTON CONTROLLER
K	=	KEYED TYPE SWITCH
3	=	THREE WAY SWITCH
F	=	COMBINATION FAN LIGHT CONTROL BY MANUFACTURER
WP	=	WATER PROOF
OV	=	OVERRIDE CONTROL SWITCH. PROVIDE LABEL INDICATING "OVERRIDE LTG/REC CONTROL".
L	=	INDICATES LINE VOLTAGE

Da

LOW VOLTAGE DIMMER CONTROL

a	=	SINGLE BUTTON CONTROLLER
a,b	=	MULTI BUTTON CONTROLLER
K	=	KEYED TYPE OR PROVIDE WITH LOCKABLE CLEAR PLASTIC COVER
L	=	INDICATES LINE VOLTAGE

POWER AND SIGNAL DEVICE LEGEND

	ELECTRICAL EQUIPMENT
	CONTROL PANEL SURFACE, WALL MOUNTED EXAMPLES: LCP, SECURITY, BMS
	CONTROL PANEL FLUSH, WALL MOUNTED EXAMPLES: LCP, SECURITY, BMS
	PANELBOARD SURFACE, WALL MOUNTED
	PANELBOARD FLUSH MOUNTED
	BUSWAY RISER WITH PLUG IN UNIT
	BUSWAY HORIZONTAL
CTB	CABLE TAP BOX
T	STEP DOWN TRANSFORMER
	HEAVY DUTY DISCONNECT SWITCH
	HEAVY DUTY DISCONNECT SWITCH WITH FUSE
	MOTOR STARTER
	COMBINATION MOTOR STARTER/DISCONNECT SWITCH
VFD	VARIABLE FREQUENCY DRIVE
	GROUND BUS BAR
	GROUND ROD
CR	ACCESS CONTROL CARD READER BACK BOX
$ XX	MS = MOTORIZED SHADE CONTROLLER (FBO) PS = PROJECTION SCREEN CONTROLLER (FBO)
$ T	THERMAL OVERLOAD/DISCONNECT SWITCH
EPO	RED PUSH BUTTON MUSHROOM TYPE WITH CLEAR LEXAN PROTECTIVE SHROUD COVER. EPO = EMERGENCY POWER OFF

SINGLE LINE DIAGRAM

G	GENERATOR
	CIRCUIT BREAKER
	SWITCH AND FUSE
	DRAWOUT TYPE CIRCUIT BREAKER
	DRAWOUT TYPE SWITCH AND FUSE
CB	CIRCUIT BREAKER IN ENCLOSURE
	CURRENT TRANSFORMER
M	CURRENT TRANSFORMER AND KWH METER
GFP	GROUND FAULT PROTECTION RELAY
SPD	SURGE PROTECTIVE DEVICE
	NORMALLY OPEN CONTACT
	NORMALLY CLOSED CONTACT
	TRANSFORMER
N E L	AUTOMATIC TRANSFER SWITCH
LSIG	LONG TIME / SHORT TIME / INSTANTANEOUS / GROUND FAULT PROTECTION
M	ENERGY METER
N E L	AUTOMATIC TRANSFER SWITCH WITH BYPASS ISOLATION

ABBREVIATIONS

AC	ABOVE COUNTER	JB	JUNCTION BOX
AIC	AMPERES INTERRUPTING CAPACITY	KV	KILOVOLT
ANN	ANNUNCIATOR	KVA	KILOVOLT - AMPERE
AM	AMMETER	KW	KILOWATT
A OR AMP	AMPERE		
AFCI	ARC FAULT CURRENT INTERUPT	LM	LUMEN OUTPUT (OF LED)
AFF	ABOVE FINISHED FLOOR	LTG	LIGHTING
APPROX	APPROXIMATELY		
ARCH	ARCHITECTURAL	MAX	MAXIMUM
ATS	AUTOMATIC TRANSFER SWITCH	MCC	MOTOR CONTROL CENTER
AUTO	AUTOMATIC	MCP	MOTOR CIRCUIT PROTECTOR
AUX	AUXILIARY	MECH	MECHANICAL
AV	AUDIO VISUAL	MTD	MOUNTED
		MTG	MOUNTING
BLDG	BUILDING		
		NEUT	NEUTRAL
C	CLOCK OR CONDUIT	(N)	NEW
CAB	CABINET	NC	NORMALLY CLOSED
CAP	CAPACITOR	NIC	NOT IN CONTRACT
CAT	CATALOG	No	NUMBER
CB	CIRCUIT BREAKER	NO	NORMALLY OPEN
CCTV	CLOSED CIRCUIT TELEVISION	NOM	NOMINAL
CLF	CURRENT LIMITING FUSE	NP	NAMEPLATE
CLG	CEILING	NTS	NOT TO SCALE
CKT	CIRCUIT		
COMB	COMBINATION	OC +6"	OVERCOUNTER OR BACKSPLASH
CONC	CONCRETE	OD	OUTSIDE DIAMETER
CONN	CONNECTION	OL	OVERLOAD
CONT	CONTACTOR		
CONTR	CONTRACTOR	P	POLE
CRI	COLOR RENDERING INDEX (OF LED)	PA	PUBLIC ADDRESS
		PB	PULL BOX or PUSHBUTTON
CT	CURRENT TRANSFORMER	PF	POWER FACTOR
		PH	PHASE
DB	DECIBEL	PL	PILOT LIGHT
DC	DIRECT CURRENT	PNL	PANEL
DTL	DETAIL	PR	PAIR
DIA	DIAMETER	PRI	PRIMARY
DIAG	DIAGRAM	PVC	POLYVINYL CHLORIDE
DIM	DIMENSION		
DISC	DISCONNECT DIST DISTRIBUTION	(R)	RELOCATED
DIV	DIVISION	REC	RECESSED or RECEPTACLE
DM	DAMPER MOTOR	REF	REFERENCE
DN	DOWN	REG	REGULATOR
DPDT	DOUBLE POLE DOUBLE THROW	REQD	REQUIRED
DPST	DOUBLE POLE SINGLE THROW	REV	REVISION
DWG	DRAWING	RM	ROOM
DZP	DAYLIGHTING ZONE PRIMARY		
DZS	DAYLIGHTING ZONE SECONDARY	SCHED	SCHEDULE
		SD	SMOKE DETECTOR
EA	EACH	SEC	SECONDARY or SECURITY
EC	ELECTRICAL CONTRACTOR	SN	SOLID NEUTRAL
ELECT	ELECTRICAL	SOL	SOLENOID
EL	ELEVATION	SP	SPARE
EM	EMERGENCY	SPC	SPACE
ENCL	ENCLOSURE EQUIP EQUIPMENT	SPDT	SINGLE POLE DOUBLE THROW
EWC	ELECTRIC WATER COOLER	SPST	SINGLE POLE SINGLE THROW
EWH	ELECTRIC WATER HEATER	SPEC	SPECIFICATION
(E)	EXISTING	SUPV	SUPERVISORY
(ED)	EXISTING TO BE DEMOLISHED	SQ.FT.	SQUARE FOOT
EV	ELECTRIC VEHICLE	STA	STATION
EVSE	ELECTRIC VEHICLE SUPPLY EQUIPMENT	STD	STANDARD
		SUSP	SUSPENDED
EXP	EXPOSED	SWBD	SWITCHBOARD
		SW	SWITCH
FA	FIRE ALARM	SWGR	SWITCHGEAR
FBO	FURNISHED BY OTHERS	SYNC	SYNCHRONIZATION
FC	FOOTCANDLE	SYST	SYSTEM
FIXT	FIXTURE		
FIG	FIGURE	TR	TAMPER RESISTANT
FL	FLOOR	T or TEL	TELEPHONE
FLA	FULL LOAD AMPERE	TEMP	TEMPERATURE
FLEX	FLEXIBLE	TOL	THERMAL OVERLOAD
FLUOR	FLUORESCENT	TPS	TWISTED PAIR SHIELDED
FT	FOOT OR FEET	TTC	TELEPHONE TERMINAL CABINET
FUT	FUTURE	TV	TELEVISION
		(TYP.)	TYPICAL
GEN	GENERATOR		
GFI	GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
		UV	UNIT VENTILATOR
HGT	HEIGHT	V	VOLT
HID	HIGH INTENSITY DISCHARGE	VA	VOLT AMPERE
HORIZ	HORIZONTAL	VERT	VERTICAL
HP	HORSEPOWER	VEST	VESTIBULE
HTR	HEATER	VM	VOLTMETER
HVAC	HEATING, VENTILATION AND AIR CONDITIONING	VR	VERMIN RESISTANT
		VOL	VOLUME
HV	HIGH VOLTAGE	W	WATT
HZ	HERTZ	WP	WEATHER PROOF
IFS	INTEGRATED FACILITY STRUCTURE	XP	EXPLOSION PROOF
IMP	IMPEDANCE	XFMR	TRANSFORMER
IN	INCH OR INCHES		

DRAWING LIST - ELECTRICAL

Sheet Number	Sheet Name
E001	LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST
E101	SITE PLAN - LIGHTING
E102	SITE PLAN - POWER
E103	SITE PLAN PHOTOMETRIC CALCULATION
~~E201~~	~~BUILDING FLOOR PLAN - LIGHTING~~
~~E203~~	~~BUILDING FLOOR PLAN PHOTOMETRIC CALCULATION~~
~~E211~~	~~BUILDINGS FLOOR PLAN - POWER~~
~~E212~~	~~POOL ENCLOSURE FLOOR PLAN - POWER~~
~~E213~~	~~BUILDINGS FLOOR PLAN - ROOF~~
E401	SECTIONS & ENLARGED PLANS
E501	SINGLE LINE DIAGRAM
E601	LIGHTING FIXTURE SCHEDULE
~~E602~~	~~LIGHTING CONTROL DIAGRAM~~
~~E603~~	~~LIGHTING 3GO~~
~~E604~~	~~PANELBOARD SCHEDULES~~
~~E605~~	~~PANELBOARD SCHEDULES~~
~~E701~~	~~DETAILS~~
~~E702~~	~~DETAILS~~
~~E703~~	~~DETAILS~~
E704	DETAILS (FOR REFERENCE)
~~E705~~	~~DETAILS~~

GENERAL NOTES

A. DRAWINGS ARE DIAGRAMMATIC AND INDICATE GENERAL ARRANGEMENT OF SYSTEMS AND WORK INCLUDED. FOLLOW DRAWINGS IN LAYING OUT WORK AND CHECK DRAWINGS OF OTHER TRADES RELATING TO WORK TO VERIFY SPACE IN WHICH WORK WILL BE INSTALLED. MAINTAIN HEADROOM AND MINIMUM CODE REQUIRED WORKING CLEARANCES AT ALL TIMES.

B. HASH MARKS INDICATING NUMBER OF CONDUCTORS ARE SHOWN ONLY FOR HOMERUNS. CONTRACTOR IS RESPONSIBLE FOR INSTALLING CONDUCTORS AS REQUIRED TO ACHIEVE FUNCTIONS INDICATED.

C. ALL EQUIPMENT, DEVICES AND LIGHT FIXTURES LOCATED OUTDOORS SHALL BE UL LISTED FOR WET LOCATIONS OR BE ENCLOSED IN A NEMA 3R ENCLOSURE.

D. WHERE WIRE SIZES ARE INDICATED ON THE PLANS FOR INDIVIDUAL CIRCUITS, THE WIRE SIZE INDICATED SHALL BE CARRIED THROUGH TO CIRCUIT TERMINATION POINT UON.

E. ALL POWER, LIGHTING AND RECEPTACLE BRANCH CIRCUITS, AND ALL FEEDERS SHALL INCLUDE A GROUND CONDUCTOR SIZED ACCORDING TO CEC.

F. PROVIDE ACOUSTICAL TREATMENT FOR ALL CONDUIT AND OUTLET BOX PENETRATIONS IN ACOUSTICAL PARTITIONS.

G. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT CEILING TYPE AND OCATIONS OF FIXTURES AND OTHER CEILING DEVICES PRIOR TO ROUGH-IN.

H. PROVIDE SEPARATE NEUTRAL CONDUCTOR FOR ALL DIMMING CIRCUITS AND RECEPTACLE CIRCUITS FOR COMMUNICATIONS, SECURITY AND SOUND EQUIPMENT.

I. CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF ALL MECHANICAL, PLUMBING AND ALL OTHER USER EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS PRIOR TO ANY WORK.

J. CONTRACTOR SHALL EXTEND WIRING FROM ALL JUNCTION BOXES, SWITCHES, ETC. AND MAKE FINAL CONNECTION AS REQUIRED TO ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS.

K. ALL MOUNTING HEIGHTS SHOWN ARE TO CENTER LINE OF OUTLET OR DEVICE AND SHALL APPLY UNLESS INDICATED OTHERWISE. SEE ARCHITECTURAL ELEVATIONS FOR EXACT LOCATIONS.

L. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL WALL OUTLET BOXES FOR SWITCHES, RECEPTACLES ETC. WITH TACK BOARDS, CABINETS,CHALKBOARDS, FURNITURE, EQUIPMENTS ETC. TO AVOID CONFLICT.

M. WHERE ELECTRIC MOTORS OR HEATERS ARE INSTALLED IN HUNG CEILING, PROVIDE DISCONNECT SWITCH IN HUNG CEILING WITHIN REACH FROM ACCESS POINT.

N. PROVIDE PULL WIRE IN EACH RACEWAY RUN OVER 10 FEET IN LENGTH, IN WHICH PERMANENT WIRING IS NOT INSTALLED.

O. SEE MECHANICAL DRAWINGS FOR ADDITIONAL CONNECTION REQUIREMENTS TO CONTROL PANELS AND TRANSFORMERS, 120V FOR CONTROL SYSTEM, CONTROL SYSTEM, EP AND PE SWITCHES, TIME CLOCK, VALVES, RELAYS LOCATION, ETC. INDICATED ON CONTROL WIRING DIAGRAMS. VERIFY FINAL CONTROL WIRING REQUIREMENTS WITH DIVISION 22, 23 & 25 PRIOR TO ANY WORK AND PROVIDE ALL NECESSARY WIRING, DEVICES AND CONNECTIONS AS REQUIRED.

P. LIGHTING, POWER, TELEPHONE AND COMMUNICATIONS OUTLETS SHALL NOT BE PLACED BACK TO BACK. OUTLETS SHALL BE SEPARATED MIN. OF 24" IN FIRE-RATED WALLS AND MIN. 18" IN NON-RATED WALLS.

Q. ALL CONDUIT SHALL BE RUN CONCEALED IN HUNG CEILING SPACE, IN WALLS, OR UNDER FLOOR, UNLESS SPECIFICALLY INDICATED OTHERWISE.

R. PROVIDE PULLBOXES WHEREVER NECESSARY TO FACILITATE PULLING OF CONDUCTORS. COORDINATE LOCATIONS OF BOXES WITH OTHER TRADES TO AVOID CONFLICT. PULLBOXES SHALL BE ACCESSIBLE. THE SIZE OF EACH PULLBOX SHALL COMPLY WITH CEC REQUIREMENTS.

S. OUTLET BOXES FOR FIXTURES RECESSED IN HUNG CEILING SHALL BE ACCESSIBLE THROUGH OPENING CREATED BY REMOVAL OF FIXTURES.

T. ALL ELECTRIC MATERIAL SHALL BE LISTED BY "UL" FOR THE TYPE OF APPLICATION AND "UL" LABEL SHALL APPEAR ON ALL ELECTRICAL EQUIPMENT.

U. WHERE RECEPTACLES WITH GFCI LOCATED ADJACENT TO A SINK, MOUNT 6" ABOVE COUNTER OR BACKSPLASH.

V. MAINTEIN A MINIMUM DISTANCE OF 18" BETWEEN OPPOSITE BACKBOXES PER CEC 714.4.2.

PANELBOARD NAMING CONVENTION

E L 1 0 W 1

- BRANCH SYSTEM: E - EMERGENCY; S - STAND-BY
- PANELBOARD TYPE: H - HIGH VOLTAGE (277/480 V); L - LOW VOLTAGE (120/208 V); DP - DISTRIBUTION PANEL; M - MECHANICAL (HVAC)
- PANELBOARD NO.
- W - WEST; E - EAST
- FLOOR LEVEL DESIGNATION

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PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE ALAMEDA, CA 94501

PROJECT NUMBER:

202407

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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

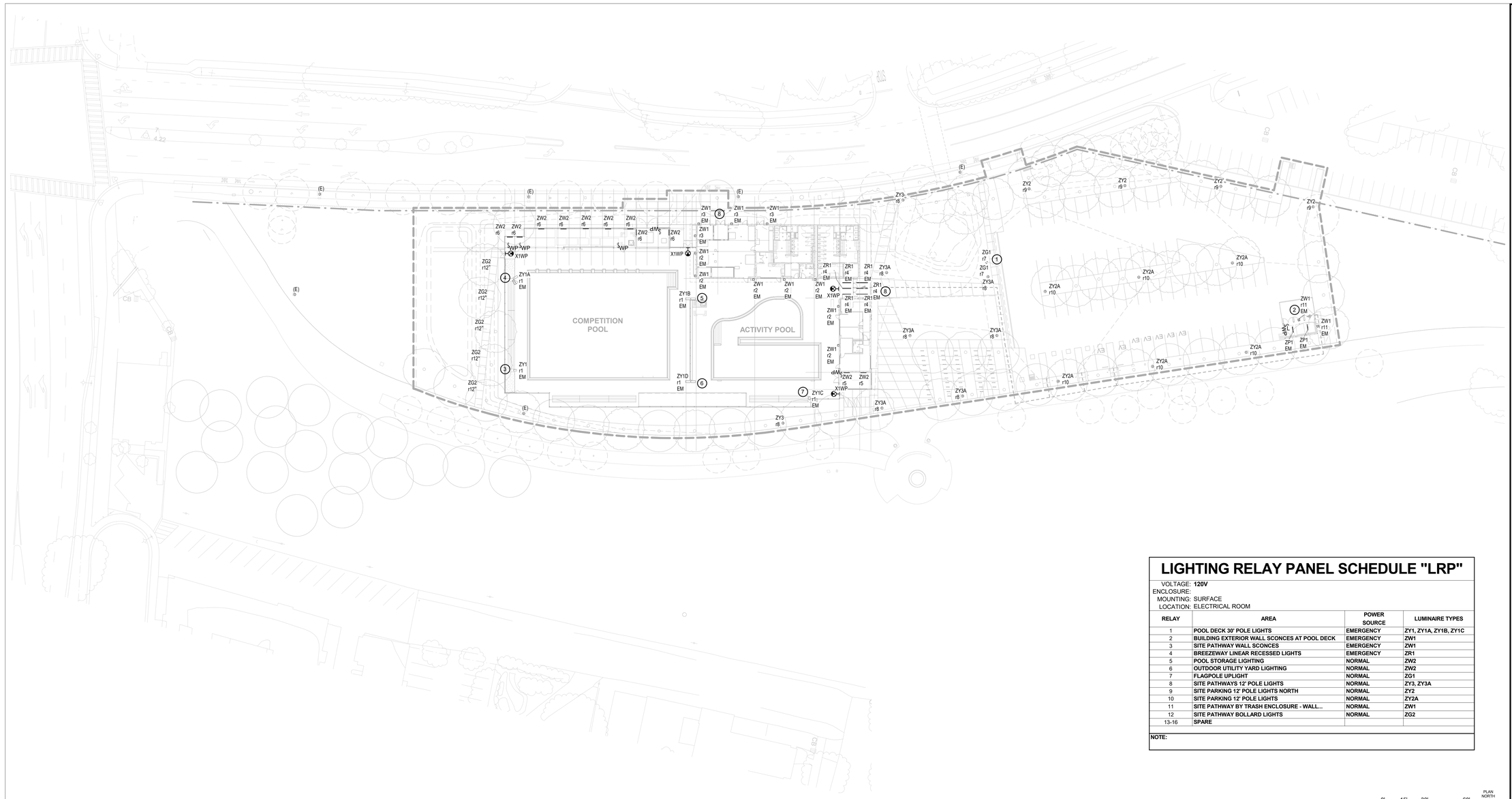
NOT FOR CONSTRUCTION

SHEET TITLE:

LEGEND, SYMBOLS, GENERAL NOTES & DRAWING LIST

SHEET NUMBER:

E001



1 SITE PLAN - LIGHTING
1" = 30'-0"

0' 15' 30' 60'
SCALE: 1" = 30' - 0"

PLAN NORTH

LIGHTING RELAY PANEL SCHEDULE "LRP"

VOLTAGE: **120V**
ENCLOSURE:
MOUNTING: SURFACE
LOCATION: ELECTRICAL ROOM

RELAY	AREA	POWER SOURCE	LUMINAIRE TYPES
1	POOL DECK 30' POLE LIGHTS	EMERGENCY	ZY1, ZY1A, ZY1B, ZY1C
2	BUILDING EXTERIOR WALL SCONCES AT POOL DECK	EMERGENCY	ZW1
3	SITE PATHWAY WALL SCONCES	EMERGENCY	ZW1
4	BREEZEWAY LINEAR RECESSED LIGHTS	EMERGENCY	ZR1
5	POOL STORAGE LIGHTING	NORMAL	ZW2
6	OUTDOOR UTILITY YARD LIGHTING	NORMAL	ZW2
7	FLAGPOLE UPLIGHT	NORMAL	ZG1
8	SITE PATHWAYS 12' POLE LIGHTS	NORMAL	ZY3, ZY3A
9	SITE PARKING 12' POLE LIGHTS NORTH	NORMAL	ZY2
10	SITE PARKING 12' POLE LIGHTS	NORMAL	ZY2A
11	SITE PATHWAY BY TRASH ENCLOSURE - WALL...	NORMAL	ZW1
12	SITE PATHWAY BOLLARD LIGHTS	NORMAL	ZG2
13-16	SPARE		

NOTE:

EXTERIOR LIGHTING FIXTURES

TYPE ZG1
BK LIGHTING
HP2 LED

TYPE ZG2
HESS LINEA
BOLLARD

TYPE ZP1/ZW2
DAY BRITE VAPORLUME

TYPE ZR1
FINELITE HP2

TYPE ZW1
BEGA 22449

TYPE ZY1, ZY1A, ZY1B, ZY1C, ZY1D
GARDCO POWERFORM

TYPE ZY2, ZY2A, ZY3, ZY3A
VISIONAIRE PRE 2 M

SHEET NOTES

1. FLAGPOLE LIGHT TYPE ZG1 TO BE INSTALLED AT THE BASE OF THE POLE, PER DETAIL #2 ON SHEET L5.01. AIM LIGHTS POST INSTALLATION TOWARDS THE FLAG.
2. TYPE ZW1 TO BE SURFACE MOUNTED TO THE SIDE OF THE SLOPED METAL DECK, RAISING IT'S MOUNTING HEIGHT ABOVE THE +8'-0" AFF DIRECTION STATED IN THE FIXTURE SCHEDULE ON SHEET E601. REFER TO ELEVATIONS 6 AND 7 ON SHEET A120 FOR MOUNTING HEIGHTS.
3. REFER TO FIXTURE SCHEDULE ON SHEET E601 FOR SPECIFICATION. HEAD IS TILTED UP 12 DEGREES.
4. REFER TO FIXTURE SCHEDULE ON SHEET E601 FOR SPECIFICATION. HEAD 1 (H1) IS CLOSER TO THE OUTDOOR UTILITY YARD AND TILTED UP 17 DEGREES. HEAD 2 (H2) IS TILTED UP 16 DEGREES. C/L OF POLE TO BE ORIENTED 22 DEGREES TOWARDS THE OUTDOOR UTILITY YARD SUCH THAT HEADS ARE ORIENTED WITH RESPECT TO THE EDGE OF THE POOL AS SHOWN IN DRAWING.
5. REFER TO FIXTURE SCHEDULE ON SHEET E601 FOR SPECIFICATION. HEAD 1 (H1) IS AIMED TOWARDS THE ACTIVITY POOL AND TILTED UP 25 DEGREES. HEAD 2 (H2) IS AIMED TOWARDS THE COMPETITION POOL AND TILTED UP 12 DEGREES.
6. REFER TO FIXTURE SCHEDULE ON SHEET E601 FOR SPECIFICATION. HEAD 1 (H1) IS AIMED TOWARDS THE ACTIVITY POOL AND TILTED UP 20 DEGREES. HEAD 2 (H2) IS AIMED TOWARDS THE COMPETITION POOL AND TILTED UP 12 DEGREES.
7. REFER TO FIXTURE SCHEDULE ON SHEET E601 FOR SPECIFICATION. HEAD IS TILTED UP 18 DEGREES.
8. LIGHTING FOR SIGNAGE HERE IS PROVIDED BY THE SIGNAGE VENDOR. REFER TO ARCHITECTURAL DRAWINGS (SHEETS A931 TO A934) FOR MORE INFORMATION.

GENERAL NOTES

1. ALL WALL AND CONCRETE SLAB PENETRATIONS SHALL BE SEALED AS REQUIRED TO MAINTAIN ORIGINAL FIRE RATING. REFER TO ARCHITECTURAL DRAWINGS FOR WALL RATING INFORMATION.
2. PROVIDE A SEPARATE NEUTRAL WIRE FOR EACH CIRCUIT.
3. PROVIDE A GROUND WIRE IN EACH CONDUIT.
4. ALL ELECTRICAL PENETRATIONS (FEEDERS AND BRANCH CIRCUITS) SHALL BE GROUPED TOGETHER WITHIN CMU CELLS, WHERE PENETRATING CMU WALLS (COORDINATE WITH STRUCTURAL).
5. ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRICAL EQUIPMENT TO PERMIT READY AND SAFE OPERATION AND MAINTENANCE OF SUCH EQUIPMENT PER NEC 110.2.
6. ALL EXTERIOR LIGHTING ARE CONTROLLED BY LIGHTING RELAY PANEL "LRP" PER INDICATED RELAY NUMBER r# ON PLAN (TYPICAL UNLESS OTHERWISE NOTED).
7. CONTRACTOR TO UPSIZE BRANCH CIRCUIT WIRING ACCORDINGLY FOR VOLTAGE DROP PROVISION. USE #10 CU. WIRING AS MINIMUM. USE 1" DIA. UNDERGROUND PVC CONDUIT SIZE AS MINIMUM.
8. REFER TO LUMINAIRE SCHEDULE ON SHEET E601 FOR COMPLETE LUMINAIRE SPECIFICATIONS.
9. REFER TO LIGHTING CONTROL SEQUENCE OF OPERATIONS ON SHEET E603 FOR ADDITIONAL INFORMATION ON THE TYPE OF CONTROLS TO BE PROVIDED FOR EACH SPACE.

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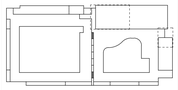
KEY PLAN:



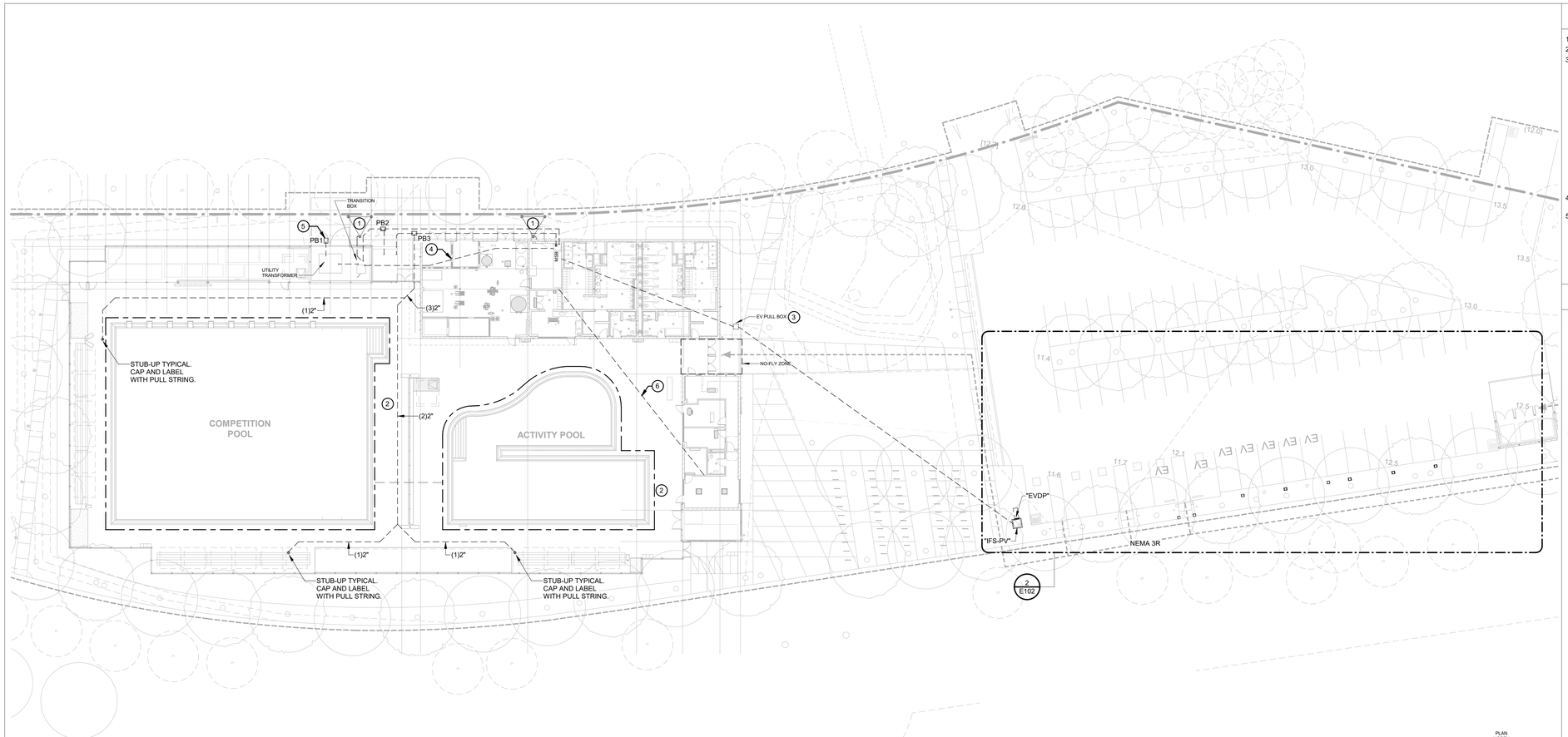
ISSUE
PLANNING RESUBMITTAL 5

DATE:
JUNE 9, 2025

STAMP:
NOT FOR CONSTRUCTION

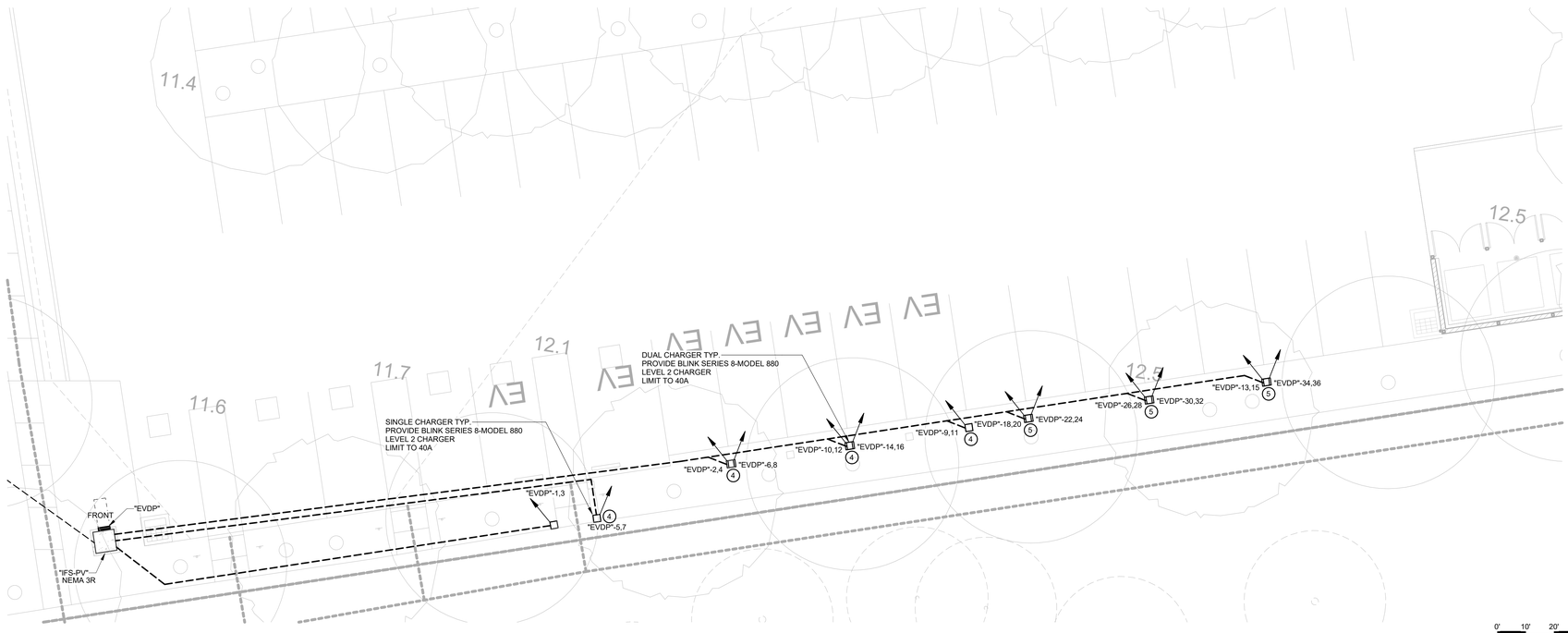
SHEET TITLE:
SITE PLAN - LIGHTING

SHEET NUMBER:
E101



1 SITE PLAN - POWER
1" = 20'-0"

SCALE: 1" = 20' - 0"



2 SITE ENLARGED PLAN - POWER
1/8" = 1'-0"

SCALE: 1" = 20' - 0"

GENERAL NOTES

1. PROVIDE A SEPARATE NEUTRAL WIRE FOR EACH CIRCUIT.
2. PROVIDE A GROUND WIRE IN EACH CONDUIT.
3. ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100AMPERES OR LESS INSTALLED IN THE FOLLOWING LOCATIONS SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER (GFCI) PROTECTION FOR PERSONNEL.
   - BATHROOMS
   - KITCHENS
   - ROOFTOPS
   - OUTDOORS
   - SINKS - WHERE RECEPTACLES ARE INSTALLED WITHIN 1.8 M (6 FT) FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK.
   - INDOOR WET LOCATION

   WHERE READILY ACCESSIBLE, GFCI TYPE RECEPTACLES MAY BE USED TO MEET THESE REQUIREMENTS, WHERE LOCATED BEHIND LARGE OR FIXED EQUIPMENT OR IN AREAS REQUIRING REMOVAL OF COVER OR ACCESS PANELS GFCI TYPE CIRCUIT BREAKERS SHALL BE UTILIZED.
4. WIRING METHODS IN THE POOL MECH/STORAGE ROOM SHALL BE LISTED AND IDENTIFIED FOR USE IN SUCH AREAS PER NEC 680-14 (A) & (B).
5. ALL ELECTRICAL PENETRATIONS (FEEDERS & BRANCH CIRCUITS) SHALL BE GROUPED TOGETHER WITHIN CMU CELLS, WHERE PENETRATING CMU WALLS (COORDINATE WITH STRUCTURAL).

SHEET NOTES

1 GROUND WELL DELTA (3) 10' LONG X 3/4" DIA. COPPERWELD GROUND RODS INSTALLED IN A GROUND WELL. INSTALL TOP OF GROUND ROD 6" BELOW FINISHED GRADE. MAKE CONDUCTOR CONNECTIONS WITH EXOTHERMIC WELDS. REFER TO DETAIL 3/E701.

2 EQUIPOTENTIAL BONDING RING PROVIDE #8 SOLID BARE COPPER WIRE 36" FROM INSIDE EDGE OF POOL, SECURED WITHIN OR BELOW DECK SURFACE 4-6" BELOW GRADE. EXTEND TO ALL BONDED PARTS PER CEC ARTICLE 680.26. REFER TO AQUATICS DRAWINGS FOR ADDITIONAL BONDING REQUIREMENTS.

3 PROVIDE NEW 4'x6' ELECTRICAL PULLBOX (WITH VOLTAGE BARRIER FOR COMMUNICATION CONDUITS). BOX SHALL BE FLUSH WITH FINISHED GRADE. LID SHALL BE RATED FOR FULL DELIBRATE H20-44 TRAFFIC LOADING. LOCATE AT MID-POINT OF CONDUIT RUN. VERIFY EXACT LOCATION IN FIELD WITHSITE CONDITIONS.

4 NEW INCOMING SECONDARY ELECTRIC SERVICE, REFER TO SINGLE LINE DIAGRAM ON DRAWING E501.

5 STUB CONDUITS INTO BOX. PULL BOX BY CITY. REFER TO CIVIL DRAWINGS.

6 PROVIDE (4) 2" CONDUITS BETWEEN MAIN ELECTRICAL ROOM AND SOUTH WING. FOR BRANCH CIRCUITS PATHWAY. (1) 2" FOR MECHANICAL, (1) 2" FOR PLUMBING, (1) 2" FOR ELECTRICAL, (1) 2" SPARE-PROVIDE WITH STRING, CAPED AND LABELED.

blink

Pedestal Mount with Cable Management System (CMS)

Series 8/8+

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PROJECT:

ALAMEDA AQUATIC CENTER

800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT TEAM:

ARCHITECT:
ELS ARCHITECTURE AND URBAN DESIGN
2040 Addison Street
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P: 510.549.2929

CIVIL ENGINEER:
BKF ENGINEERS
1646 N. California Blvd, Suite 400
Walnut Creek, CA 94596
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LANDSCAPE ARCHITECT:
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2200 Bridgeway
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P: 415.332.5100

STRUCTURAL ENGINEER:
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MEP / FIRE PROTECTION:
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San Francisco, CA 94111
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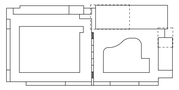
AQUATICS:
AQUATICS DESIGN GROUP
2226 Faraday Avenue
Carlsbad, CA 92008
P: 760.438.8400

SPECIFICATIONS:
SPECIFICATIONS WEST
1975 E. Buck Ridge Place
Tucson, AZ 85737
P: 800.646.3820

REVISION:

NUMBER	DATE	DESCRIPTION

KEY PLAN:



ISSUE
PLANNING RESUBMITTAL 5

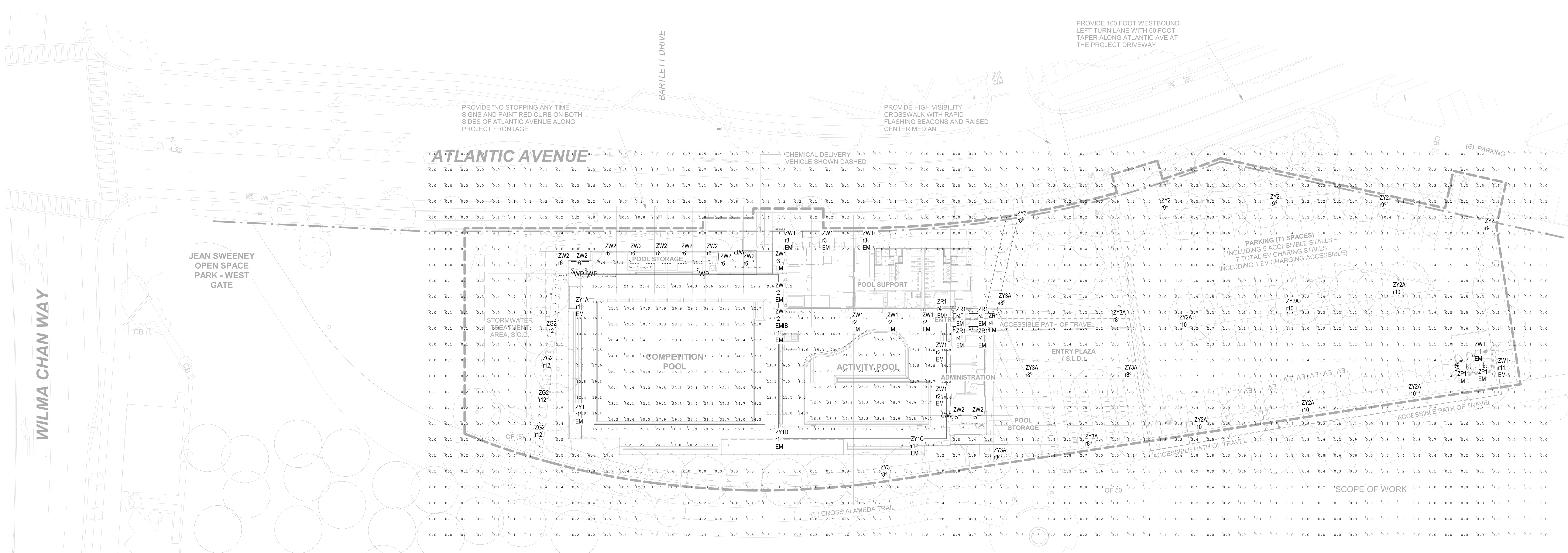
DATE:
JUNE 9, 2025

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
SITE PLAN - POWER

SHEET NUMBER:
E102



Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
Egress 1	Illuminance	Fc	3.61	6.3	1.1	3.28	5.73	Design Target - 1FC Min.
Egress 2	Illuminance	Fc	4.63	8.7	1.1	4.21	7.91	Design Target - 1FC Min.
Egress 3	Illuminance	Fc	6.40	19.5	1.4	4.57	13.93	Design Target - 1FC Min.
Competition Pool	Illuminance	Fc	30.37	42.7	19.0	1.60	2.25	Design Target - 30FC Avg.; Max/Min - 3 or less
Competition Pool Deck	Illuminance	Fc	19.97	29.5	9.6	2.08	3.07	Design Target - 10FC Avg.; Max/Min - 4 or less
Activity Pool	Illuminance	Fc	22.13	27.3	15.7	1.41	1.74	Design Target - 20FC Avg.; Max/Min - 3 or less
Activity Pool Deck	Illuminance	Fc	16.02	23.0	8.2	1.95	2.80	Design Target - 10FC Avg.; Max/Min - 4 or less
Pool Storage 1	Illuminance	Fc	13.46	16.3	7.4	1.82	2.20	Design Target - 10FC Avg.
Pool Storage 2	Illuminance	Fc	15.25	16.2	14.3	1.07	1.13	Design Target - 10FC Avg.
Transformer Area	Illuminance	Fc	10.25	10.4	10.1	1.01	1.03	Design Target - 10FC Avg.
Trash Encloure	Illuminance	Fc	25.70	25.7	25.7	1.00	1.00	

Luminaire Schedule							
Tag	Qty	Description	LLF	Luminaire Lumens	Luminaire Watts	BUG Rating	Mounting Height
ZG1	2	HP2-LED-x63-SP-9	0.950	1639	21.35	B2-U0-G0	0.1
ZG2	5	LINEA LN950-LED-WW (3000K)	0.912	659	16	B0-U0-G1	3.5
ZP1	2	DWAE43L8304	0.950	4300	38	B2-U3-G2	9
ZR1	6	FINELITE HP-2-R-4ft-B-935	0.751	1691	18.4	B1-U0-G1	10
ZW1	13	Bega 22449K3	0.912	2485	21	B2-U0-G0	8, 9.8
ZW2	11	DWAE51LH830-4-UNV-WHP	0.912	5303	47.5	B3-U3-G3	9
ZY1, ZY1A H1, ZY1D	4	PFF-276L-900-NW-G2-AIRP	0.950	123003	795	B4-U0-G4	30
ZY1A H2	1	PFF-184L-700-NW-G2-AIRP	0.950	58814	385.7708	B3-U0-G3	30
ZY1B H1, ZY1C	2	PFF-276L-1A-NW-G2-AIRP-GS	0.950	63659	909	B4-U2-G1	30
ZY1B H2	1	PFF-276L-1A-NW-G2-AIRP	0.950	123003	909	B4-U0-G4	30
ZY2	4	PRE-2-M-T4-32LC-7-3K-	0.912	7953	73	B1-U0-G2	12
ZY2A	6	PRE-2-M-T5W-32LC-7-3K-	0.912	8345	73	B3-U0-G2	12
ZY3	2	PRE-2-M-T2-16LC-7-3K-	0.912	4280	39	B1-U0-G2	12
ZY3A	6	PRE-2-M-T5W-32LC-5-3K-	0.912	6549	56	B3-U0-G1	12

1 SITE PLAN - PHOTOMETRIC CALCULATION
1" = 30'-0"

els architecture+ urban design

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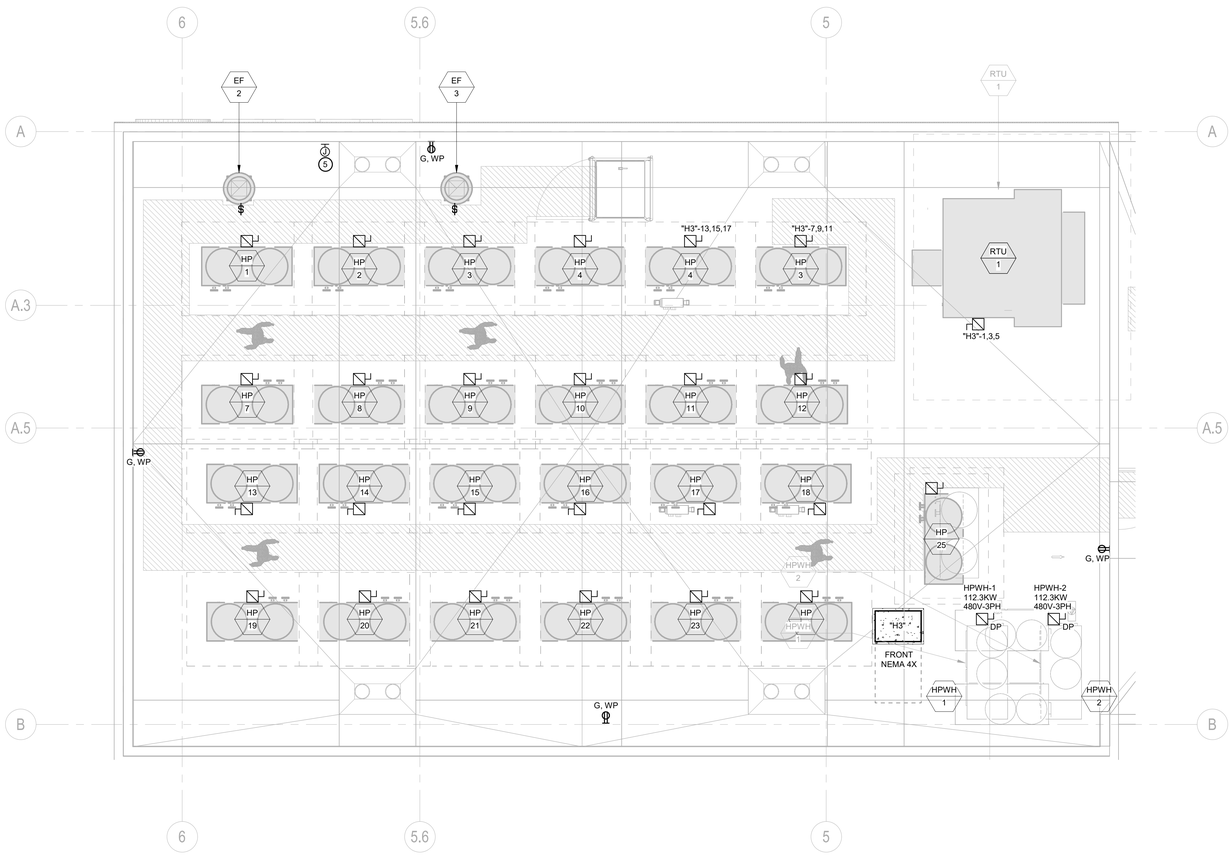
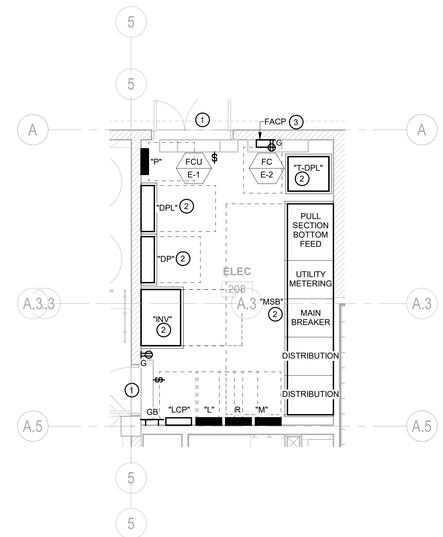
SHEET TITLE:
SITE PLAN PHOTOMETRIC CALCULATION

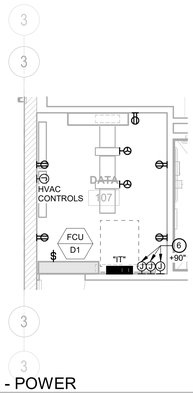
SHEET NUMBER:
E103



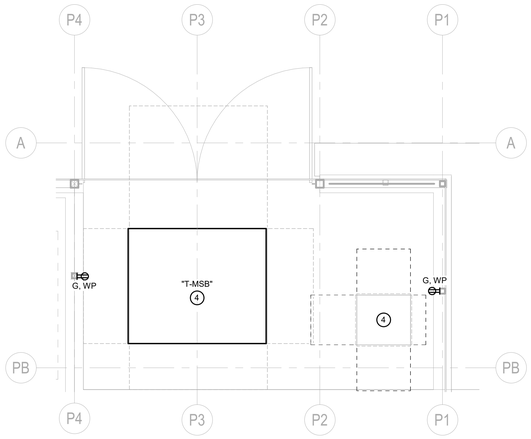
1 ELEC ROOM - POWER
1/4" = 1'-0"



2 DATA ROOM - POWER
1/4" = 1'-0"



3 ROOF CHILLERS - POWER
1/4" = 1'-0"



4 FLOOR PLAN - UTILITY ENCLOSURE - POWER
1/4" = 1'-0"

GENERAL NOTES

1. PROVIDE A SEPARATE NEUTRAL WIRE FOR EACH CIRCUIT.
2. PROVIDE A GROUND WIRE IN EACH CONDUIT.
3. ALL SINGLE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100 LESS AND THREE-PHASE RECEPTACLES RATED 150 VOLTS TO GROUND OR LESS, 100AMPERES OR LESS INSTALLED IN THE FOLLOWING LOCATIONS SHALL HAVE GROUND-FAULT CIRCUIT-INTERRUPTER (GFCI) PROTECTION FOR PERSONNEL.
   - BATHROOMS
   - KITCHENS
   - ROOFTOPS
   - OUTDOORS
   - SINKS - WHERE RECEPTACLES ARE INSTALLED WITHIN 1.8 M (6 FT) FROM THE TOP INSIDE EDGE OF THE BOWL OF THE SINK.
   - INDOOR WET LOCATION

   WHERE READILY ACCESSIBLE, GFCI TYPE RECEPTACLES MAY BE USED TO MEET THESE REQUIREMENTS, WHERE LOCATED BEHIND LARGE OR FIXED EQUIPMENT OR IN AREAS REQUIRING REMOVAL OF COVER OR ACCESS PANELS GFCI TYPE CIRCUIT BREAKERS SHALL BE UTILIZED.
4. WIRING METHODS IN THE POOL MECH/STORAGE ROOM SHALL BE LISTED AND IDENTIFIED FOR USE IN SUCH AREAS PER NEC 680-14 (A) & (B).
5. ALL ELECTRICAL PENETRATIONS (FEEDERS & BRANCH CIRCUITS) SHALL BE GROUPED TOGETHER WITHIN CMU CELLS, WHERE PENETRATING CMU WALLS (COORDINATE WITH STRUCTURAL).
6. ANCHORAGE OF ALL ELECTRICAL EQUIPMENT IS DELEGATED DESIGN BY THE CONTRACTOR. SUBMIT STAMPED AND SIGNED DESIGN DRAWINGS AND CALCULATIONS FOR REVIEW.

SHEET NOTES

1. DOOR WITH PANIC HARDWARE.
2. PROVIDE CONCRETE PAD WITH 2" LIP AROUND EQUIPMENT FOOTPRINT. 4"AFF.
3. FACP.
4. REFER TO TYPCAL AMP DETAILS ON SHEET E7.04.
5. SIGN LIGHTS.
6. GROUP BRANCH CIRCUIT/LOADS PER LOAD TYPE OR SYSTEM COMING FROM THE MAIN ELECTRUCAL ROOM. PROVIDE J-BOX FROM WHICH BRANCH CIRCUITS WILL BE DISTRIBUTED. IN ORDER TO AVOID THE NO FLY ZONE.
7. PROVIDE L6-30R RECEPTACLE.

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ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

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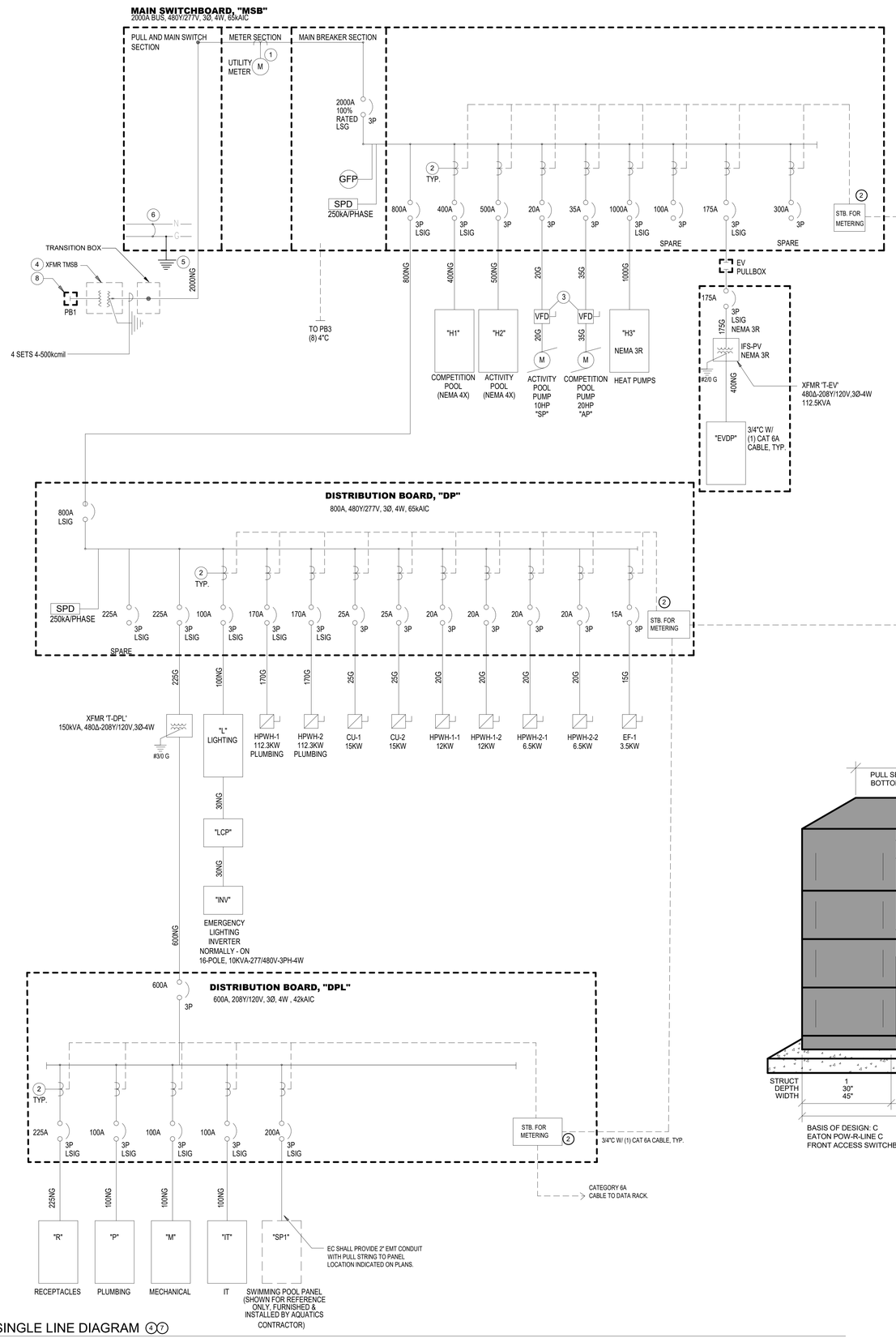
SHEET TITLE:
SECTIONS & ENLARGED PLANS

SHEET NUMBER:
E401



1 SINGLE LINE DIAGRAM 4 7
SCALE: NONE

BRANCH CIRCUIT SCHEDULE - COPPER CONDUCTOR (40% CONDUIT FILL)

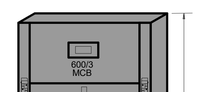
CIRCUIT RATING	CONDUIT SIZE (INCHES)							CONDUCTOR SIZE	
	NONE	G	N	NG	NGI	NNG	NNGI	PHASE* / NEUTRAL	GND/ IG
15	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	12
20	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12	12
30	0.5	0.5	0.5	0.5	0.75	0.75	0.75	10	10
40	0.75	0.75	0.75	1	1	1	1	8	10
50	1	1	1	1.25	1.25	1.25	1.25	6	10
60	1	1.25	1.25	1.25	1.5	1.5	1.5	4	10
70	1	1.25	1.25	1.25	1.5	1.5	1.5	4	8
80	1.25	1.25	1.25	1.5	2	2	2	2	8
90	1.25	1.25	1.25	1.5	2	2	2	2	8
100	1.25	1.5	1.5	2	2	2	2.5	1	8
110	1.25	1.5	1.5	2	2	2	2.5	1	6
125	1.25	1.5	1.5	2	2	2	2.5	1	6
150	1.5	2	2	2	2.5	2.5	2.5	1/0	6
175	1.5	2	2	2	2.5	2.5	2.5	2/0	6
200	2	2	2	2.5	2.5	2.5	3	3/0	6
225	2	2.5	2.5	2.5	3	3	3	4/0	4
250	2.5	2.5	2.5	3	3	3	3.5	250	4
300	2.5	3	3	3.5	3.5	3.5	4	350	4
350	3	3.5	3.5	4	4	4	5	500	2
400	2@2	2@2	2@2	2@2.5	2@2.5	2@2.5	2@3	3/0	2
450	2@2	2@2.5	2@2.5	2@2.5	2@3	2@3	2@3	4/0	2
500	2@2.5	2@2.5	2@2.5	2@3	2@3	2@3	2@3.5	250	1
600	2@2.5	2@3	2@3	2@3.5	2@3.5	2@3.5	2@4	350	1
700	2@3	2@3.5	2@3.5	2@4	2@4	2@4	2@5	500	1/0
800	3@2.5	3@3	3@3	3@3	3@3	3@3.5	3@3.5	300	1/0
1000	3@3	3@3	3@3	3@3.5	3@4	3@4	3@4	400	2/0
1200	4@2.5	4@3	4@3	4@3.5	4@3.5	4@3.5	4@4	350	3/0
1600	5@3	5@3	5@3	5@3.5	5@4	5@4	5@4	400	4/0
2000	6@3.5	6@3.5	6@3.5	6@4	6@4	6@4	6@5	500	250
2500	7@3.5	7@3.5	7@3.5	7@4	7@4	7@4	7@4	500	350
3000	8@3.5	8@3.5	8@3.5	8@4	8@4	8@4	8@4	500	400

SUBSCRIPT KEY	
SUBSCRIPT	CONDUCTORS PER CONDUIT
NONE	3 PHASE CONDUCTORS, CONDUIT GROUND
G	3 PHASE CONDUCTORS, 1 GROUNDING CONDUCTOR
N	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, CONDUIT GROUND
NG	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR
NGI	3 PHASE CONDUCTORS, 1 NEUTRAL CONDUCTOR, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR
NNG	3 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS*, 1 GROUNDING CONDUCTOR
NNGI	3 PHASE CONDUCTORS, 2 NEUTRAL CONDUCTORS*, 1 GROUNDING CONDUCTOR, 1 ISOLATED GROUNDING CONDUCTOR
1P	2 PHASE CONDUCTORS, 1 GROUNDING CONDUCTOR

* SINGLE NEUTRAL CONDUCTOR SIZES FOR CIRCUIT RATING 125 AND LESS

CIRCUIT RATING	15	20	30	40	50	60
SINGLE NEUTRAL CONDUCTOR SIZE	10	8	4	2	1	1/0
CIRCUIT RATING	70	80	90	100	125	
SINGLE NEUTRAL CONDUCTOR SIZE	2/0	3/0	4/0	250	250	

EXAMPLES



GENERAL NOTES:

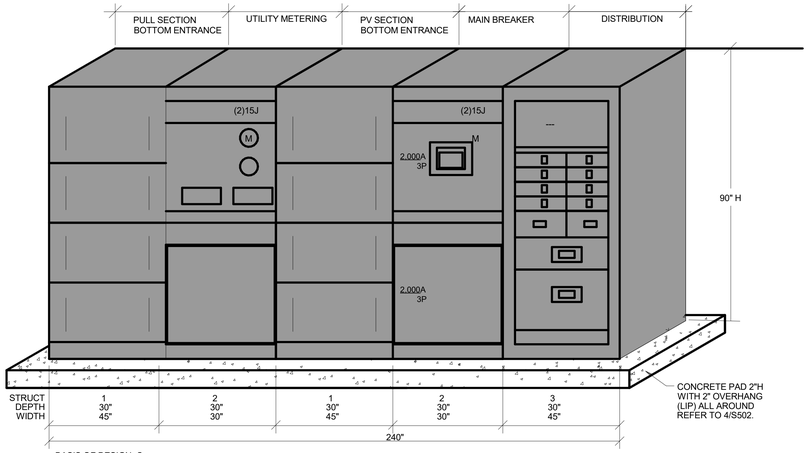
1. PRIOR TO FINAL ELECTRICAL APPROVAL, A SELECTIVE COORDINATION STUDY MUST BE PERFORMED BY A 3RD. PARTY TESTING AGENCY, AND REVIEWED, APPROVED AND SIGNED BY ENGINEER OF RECORD WITH LETTER STATING HE HAS REVIEWED AND AGREES WITH THE STUDY.
2. ALL EQUIPMENT RATED AT 1000 AMPERES OR GREATER SHALL BE TESTED IN CONFORMANCE WITH UL STANDARD 869 OR 891 FOR INSULATION BREAKDOWN PRIOR TO BEING ENERGIZED; THE TEST SHALL BE PERFORMED BY TESTING FACILITY ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION AND THE BUILDING OFFICIAL; CEC 230.95(C).
3. ALL ELECTRICAL EQUIPMENT MUST HAVE AN AIC RATING GREATER THAN OR EQUAL TO THE SHORT-CIRCUIT CURRENT AVAILABLE (S.C.A.) AT THE SECONDARY SIDE OF THE UTILITY COMPANY TRANSFORMER. FOR THE PURPOSES OF BIDDING THE CONTRACTOR SHALL USED AN ASSUMED VALUE OF 100K AIC, VERIFY ACTUAL S.C.A. WITH THE FINAL PG&E S.C.A. LETTER.
4. CONTRACTOR TO COORDINATE WITH PG&E FOR SHORT CIRCUIT RATING AT MAIN SWITCHBOARD. PROVIDE SHOP DRAWINGS TO PG&E FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OF MAIN SWITCHBOARD.
5. CONTRACTOR TO COORDINATE WITH PG&E FOR ALL REQUIREMENTS, INCLUDING AVAILABLE VOLTAGE, PRIOR TO ANY ROUGH-IN. TERMINATE CONDUITS AS PER PG&E.
6. ALL FEEDER SIZES SHOWN ARE BASED ON COPPER CONDUCTORS INSTALLED IN EMT CONDUIT.
7. MAIN CIRCUIT BREAKER ON "MSB" SHALL EMPLOY AN ENERGY-REDUCING ACTIVE ARC FLASH MITIGATION SYSTEM PER CEC 240.87(B).
8. PV BREAKER ON THE MAIN BUS SHALL BE CONNECTED TO THE OPPOSITE END FROM THE MAIN CIRCUIT BREAKER.
9. ALL ELECTRICAL EQUIPMENT ANCHORAGE AND DELIVERY SYSTEMS SHALL BE DELEGATED DESIGN BY THE CONTRACTOR.

SHEET NOTES:

1. UTILITY METER .
2. PROVISIONS FOR FUTURE EATON PXMP MULTI-METERING. PROVIDE DAISY-CHAIN CONNECTION OF FUTURE METERS TO DATA RACK TO ALLOW FOR REMOTE MONITORING AND ACCESS.
3. VFD FURNISHED BY AQUATICS INSTALLED BY EC.
4. THE ELECTRICAL CONTRACTOR SHALL PROVIDE SHORT-CIRCUIT, COORDINATION, AND ARC-FAULT STUDIES FOR THE ELECTRICAL SYSTEM SHOWN IN ACCOORDANCE WITH SPECIFICATION SECTIONS 260572, 260573, AND 260574. USE THE FAULT CURRENT VALUE SHOWN ON THE ONE-LINE UNLESS SUPERCEDED BY PG&E'S AIC LETTER. PG&E'S AIC LETTER WAS NOT AVAILABLE DURING THE DESIGN AND APPROVAL PHASE OF THE PROJECT. ALL EQUIPMENT MUST MEET THE AIC RATING REQUIREMENTS OF THE FINAL PG&E LETTER. PROVIDE STUDIES AS INDICATED AND PROVIDE ARC-FAULT LABELING OF ALL ELECTRICAL EQUIPMENT AS REQUIRED BY THE SPECIFICATIONS. COMPLETION OF THE STUDIES AND ARC-FAULT LABELING IS REQUIRE AS A CONDITION OF OCCUPANCY.
5. BUILDING GROUNDING ELECTRODE SYSTEM (REFER TO DETAIL 2/E701)
6. NEUTRAL DISCONNECT LINK FROM NEUTRAL TO GROUND BAR
7. PROJECT CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR MANAGEMENT OF THE UTILITY SERVICE PROVIDER. THIS SHALL INCLUDE BUT NOT LIMITED TO SUBMISSION/COORDINATION OF SERVICE APPLICATION, TEMPORARY POWER, UTILITY ENGINEERING REVIEW, FINAL APPROVED UTILITY CONSTRUCTION DRAWINGS, AND INSPECTOR COORDINATION. AS WELL AS COORDINATION WITH OTHERS TRADES FOR UNDERGROUND ROUTING OF CONDUITS.
8. PROVIDE (2)4" CONDUITS. STUB CONDUITS INTO PULL BOX. PULL BOX BY CITY. COORDINATE IN THE FIELD. PRIMARY CONDUCTOR AND TERMINATION OF CONDUCTORS TO TRANSFORMER BUSHINGS BY AMP.

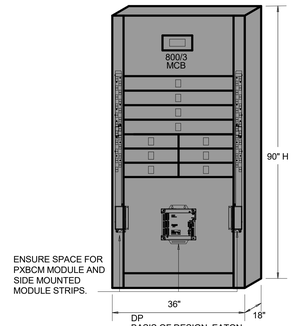
DPL
BASIS OF DESIGN: EATON
POW-R-LINE XPERT
DISTRIBUTION PANELBOARD

5 ELEVATION - DISTRIBUTION PANEL 'DPL'
SCALE: NONE



BASIS OF DESIGN: C
EATON POW-R-LINE C
FRONT ACCESS SWITCHBOARD

2 ELEVATION - MAIN SWBD MSB
SCALE: NONE



ENSURE SPACE FOR PXBCM MODULE AND SIDE MOUNTED MODULE STRIPS.

DP
BASIS OF DESIGN: EATON
POW-R-LINE XPERT
DISTRIBUTION PANELBOARD

3 ELEVATION - DISTRIBUTION PANEL 'DP'
SCALE: NONE

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DATE: **JUNE 9, 2025**

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SINGLE LINE DIAGRAM

SHEET NUMBER:

E501

INTERIOR LIGHTING FIXTURE SCHEDULE

FIXTURE TAG KEY: G = GROUND MOUNT; P = PENDANT MOUNTED; R = RECESSED; S = SURFACE MOUNTED; T = TRACK OR TRACK HEAD; W = WALL MOUNTED; X = EXIT SIGNS; Y = POLE MOUNTED; Z = EXTERIOR - TO PRECEDE OTHER FIXTURE TAGS - E.G. ZW1 WOULD BE AN EXTERNAL WALL MOUNTED FIXTURE

TYPE	DESCRIPTION	MOUNTING	MANUFACTURER/ CATALOG #	LAMP	DRIVER	VOLTS	INPUT WATTS	LOCATION	FINISH	NOTES
P1-4FT	4'-0" LONG PENDANT MOUNT LINEAR STRIP LIGHT WITH CHAIN HANGER	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT +10'-0" AFF	HE WILLIAMS 75R-4-L50-8-40-VBY-2-DIM-UNV	LED 4,867 LM 4000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	33 W	DATA	STANDARD	
P1-8FT	SAME AS TYPE P1-4FT BUT 8 FEET LONG	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT +10'-0" AFF	HE WILLIAMS 75R-4-L100-8-40-VBY-2-DIM-UNV	LED 9,568 LM 4000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	66 W	ELECTRICAL ROOM	STANDARD	
P2	24" DIAMETER SUSPENDED ROUND LIGHT WITH DIRECT/INDIRECT OPTIC	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT +9'-0" AFF	FOCAL POINT FSDEP-2-FL-4000DN-500UP-935K-1C-UNV-LD1-C48-HOUSING FINISH	LED 5,500 LM 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	42 W	LOCKER ROOM	BY ARCHITECT	REFER TO DETAIL 5 ON SHEET E705 FOR MOUNTING DETAILS.
R1	3.5" DIA RECESSED ROUND DOWNLIGHT	RECESSED (GYP)	FOCAL POINT FLC3D-RO-SW-900L-UNV-LD1-H OUSING TYPE-FACTORY OPTIONS-LC3-RO-SW-900L-935K -DNS-FL1-FINISH-FLANGE FINISH	LED 919 LM 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	10 W	VARIOUS	BY ARCHITECT	
R1A	SAME AS TYPE R1 BUT WITH LOWER LUMEN OUTPUT AND UL WET LISTED LABEL	RECESSED (GYP)	FOCAL POINT FLC3D-RO-SW-700L-UNV-LD1-H OUSING TYPE-OD-LC3-RO-SW-700L-935K -DNS-FL1-FINISH-FLANGE FINISH	LED 721 LM 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	8 W	SHOWER STALLS	BY ARCHITECT	
R2	RECESSED 2X4 LIGHT	RECESSED (ACT)	FINELITE HPR LED-A-2X4-DCO-H-935-277V-SC-CEILING TYPE	LED 5,416 LM 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	277 V	40.6 W	LIFEGUARD, OFFICES	STANDARD MATTE WHITE	
R3	4'-0" LONG RECESSED LIGHT	RECESSED (ACT)	FINELITE HP-2-R-D-4FT-8-935-F-96LG-277-SC-FC-1%-CEILING HARDWARE TYPE-FE-FINISH	LED 423 LM/FT 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	277 V	4.6 W/FT	HALLWAY	BY ARCHITECT	
R3A	SAME AS TYPE R3 BUT WITH HIGHER LUMEN OUTPUT	RECESSED (ACT)	FINELITE HP-2-R-D-4FT-V-935-F-96LG-277-SC-FC-1%-CEILING HARDWARE TYPE-FE-FINISH	LED 822 LM/FT 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	277 V	9.2 W/FT	TICKETING, MULTIPURPOSE ROOM	BY ARCHITECT	
R4	RECESSED LINEAR LIGHT	RECESSED (GYP)	FOCAL POINT FSM2L-FL-625LF-935K-1C-UNV-LD1-CEILING CONFIGURATION-FACTORY OPTIONS-WH-LENGTH PER PLAN	LED 625 LM/FT 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	5.2 W/FT	LOCKER ROOM	STANDARD WHITE	
S1-4FT	SAME AS TYPE P1-4FT BUT WITH SURFACE MOUNTING	SURFACE (CEILING)	HE WILLIAMS 75R-4-L50-8-40-DIM-UNV	LED 4,867 LM 4000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	33 W	JANITOR	STANDARD	
S2-4FT	4'-0" LONG FULLY ENCLOSED AND GASKETED, NEMA 4X AND IP67 RATED, SURFACE MOUNTED LIGHT	SURFACE (CEILING)	HE WILLIAMS 96-4-L40-8-40-HIAFR-DIM-UNV	LED 4,086 LM 4000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	30 W	CHLORINE, ACID AND POOL MECHANICAL ROOMS	STANDARD	
S2-8FT	SAME AS TYPE S2-4FT BUT 8 FEET LONG	SURFACE (CEILING)	HE WILLIAMS 96-8-L80-8-40-HIAFR-DIM-UNV	LED 8,018 LM 4000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	61 W	MECHANICAL ROOM	STANDARD	
S3	SURFACE MOUNTED UNDER CABINET LINEAR LIGHT	SURFACE (UNDERCABINET)	HE WILLIAMS 1SF-LENGTH PER PLAN-LUMENS-8-35-DMA-DIM-UNV	LED 600 LM/FT 3500K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	5.9 W/FT	LIFEGUARD	STANDARD WHITE	
W1-4FT	SAME AS TYPE S1-4FT BUT MOUNTED ON THE WALL	SURFACE (WALL) BOTTOM OF FIXTURE AT +8'-0" AFF	HE WILLIAMS 75R-4-L50-8-40-DIM-UNV	LED 4,867 LM 4000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	33	TELECOM CLOSET	STANDARD	
W2	WALL MOUNTED LINEAR LIGHT WITH DIRECT/INDIRECT OPTIC	SURFACE (WALL) BOTTOM OF FIXTURE ABOVE TILING	FOCAL POINT FSM2BW-ASAS-625DN-375UP-935K-1C-UNV-LD1-WM-FACTORY OPTIONS-FINISH-LENGTH PER PLAN	LED 1,000 LM/FT 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	9 W/FT	LOCKER ROOM	BY ARCHITECT	
W3	24" LONG WALL MOUNTED VANITY LIGHT WITH DIRECT/INDIRECT OPTIC	SURFACE (WALL) BOTTOM OF FIXTURE AT +7'-0" AFF	FOCAL POINT FSM1BV-ASFL-1500L-935K-1C-UNV-LD1-WM-LE-FINISH-2FT	LED 1,500 LM 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	11.9 W	RESTROOM VANITY	BY ARCHITECT	
X1	SINGLE FACE EDGE LIT EXIT SIGN WITH GREEN LETTERS ON WHITE BACKGROUND. AC ONLY. PROVIDE ARROWS AS SHOWN ON PLANS.	CEILING OR WALL OR PENDANT BOTTOM OF FIXTURE ABOVE DOORWAY FOR WALL MOUNT	EMERGI LITE PRESTIGE W-LX-1-N-G-W-ARROWS-TRIM-OPTIONS	LED PROVIDED WITH FIXTURE	INTEGRAL	UNV	1.4 W	INTERIOR EXITS	GREEN LETTERS ON WHITE	
X1WP	EXTERIOR SINGLE FACE WEATHERPROOF TYPE EXIT SIGN WITH GREEN LETTERS. AC ONLY, UL 924 LISTED.	SURFACE (WALL/FENCE MOUNTED)	HE WILLIAMS EXIT/WET/CP-SF-G-WHT-AC-TP-D	LED PROVIDED WITH FIXTURE	INTEGRAL	120/277	2.7 W	EXTERIOR EXITS	GREEN LETTERS ON WHITE	

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION, MOUNTING HEIGHT AND MOUNTING REQUIREMENTS OF ALL LUMINAIRES....
2. THE FINISH INDICATED ARE PRELIMINARY, COORDINATE WITH ARCHITECT FOR ALL LUMINAIRE'S FINAL COLOR FINISH SELECTED FROM MANUFACTURER'S STANDARD COLOR PALETTE PRIOR TO ORDERING OF FIXTURES.
3. ALL INTERIOR LUMINAIRES SHALL BE 3500K (KELVIN) TEMPERATURE AND 90 CRI UNLESS NOTED OTHERWISE.
4. PROVIDE COMPLETE MOUNTING ACCESSORIES, SUPPORT BRACKETS, CLIPS, ETC. AS APPLICABLE TO THE FINISH CEILING OR CEILING STRUCTURE AS REQUIRED.
5. PROVIDE ACCESSIBLE WIRING DISCONNECT TO FIXTURE AS REQUIRED.

EXTERIOR LIGHTING FIXTURE SCHEDULE

FIXTURE TAG KEY: G = GROUND MOUNT; P = PENDANT MOUNTED; R = RECESSED; S = SURFACE MOUNTED; T = TRACK OR TRACK HEAD; W = WALL MOUNTED; X = EXIT SIGNS; Y = POLE MOUNTED; Z = EXTERIOR - TO PRECEDE OTHER FIXTURE TAGS - E.G. ZW1 WOULD BE AN EXTERNAL WALL MOUNTED FIXTURE

TYPE	DESCRIPTION	MOUNTING	MANUFACTURER/ CATALOG #	LAMP	DRIVER	VOLTS	INPUT WATTS	LOCATION	FINISH	NOTES
ZG1	7" DIAMETER IN-GRADE ROUND LIGHT WITH SPOT OPTIC AND GLARE SHIELD	GROUND	BK LIGHTING HP2-LED-TR-x62-SP-FINISH-010-MT-GS	LED 1,378 LM 3000K CCT, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	20 W	BASE OF FLAGPOLE	BY ARCHITECT	SEE SHEET E101 FOR AIMING INFORMATION.
ZG2	40.9" TALL BOLLARD LIGHT WITH OCCUPANCY SENSOR	GROUND	HESS LN950-IF-S-SO-30K-DIM-UNV-FINISH-OCC; LN950-IF-MK	LED 568 LM 3000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	17 W	EGRESS PATHWAY	BY ARCHITECT	REFER TO DETAIL 3 ON SHEET E705 FOR MOUNTING DETAILS.
ZP1	SAME AS TYPE ZW2 BUT PENDANT MOUNT AND WITH SENSOR AND LOWER LUMEN OUTPUT	PENDANT (CEILING MOUNT) BOTTOM OF FIXTURE AT +9'-0" AFF	DAYBRITE D-W-A-E-43L-830-4-UNV-MD360W D-WHP	LED 4,300 LM 3000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	38 W	TRASH ENCLOSURE	STANDARD	
ZR1	RECESSED LINEAR LIGHT, DAMP RATED FOR ENTRY CANOPY	RECESSED (METAL PLATE)	FINELITE HP-2-R-D-LENGTH PER PLAN-B-935-F-96LG-277-SC-FC-10%-CEILING HARDWARE TYPE-FE-FINISH	LED 423 LM/FT 3500K, 90 CRI	INTEGRAL 0-10V DIMMING	277 V	4.6 W/FT	BREEZEWAY	BY ARCHITECT	
ZW1	WEDGE SHAPED WALL SCONCE	SURFACE (WALL) BOTTOM OF FIXTURE AT +8'-0" AFF	BEGA B22449-K3-SLV	LED 2,030 LM 3000K, 90 CRI	INTEGRAL 0-10V DIMMING	UNV	21 W	ACTIVITY POOL DECK, PATHWAYS	SILVER, BY ARCHITECT	SEE SHEET E101 FOR ADDITIONAL MOUNTING HEIGHT INFORMATION.
ZW2	4'-0" LONG SURFACE MOUNTED VAPORTIGHT LIGHT WITH WIDE BEAM OPTIC, IP65 AND UL 1598 LISTED	SURFACE (WALL) BOTTOM OF FIXTURE AT +9'-0" AFF	DAYBRITE D-W-A-E-51L-830-4-UNV-WHP	LED 5,100 LM 3000K, 80 CRI	INTEGRAL 0-10V DIMMING	UNV	47.5 W	OUTDOOR UTILITY YARDS	STANDARD	REFER TO DETAIL 4 ON SHEET E705 FOR MOUNTING DETAILS.
ZY1	30'-0" TALL POLE LIGHT WITH 5" DIA. ALUM. POLE WITH ONE FLOODLIGHT WITH NEMA 7X5 OPTIC, TO BE SWITCHED ON AT FULL POWER ONLY DURING COMPETITIONS AND DIMMED DOWN FOR GENERAL LIGHTING.	POLE MOUNTED (30' HIGH POLE)	GARDCO PFF-276L-900-NW-G2-SF-AIRP-277-DD-FP1-OPTIONS-FINISH; RA5-STB-30-D1-FINISH-GFCI	LED 4000 CCT/70 CRI 109,217 LM	INTEGRAL 0-10V DIMMING	277	795 W	POOL	BY ARCHITECT	SEE SHEET E101 FOR TILT INFORMATION. REFER TO DETAIL 1 ON SHEET E705 FOR MOUNTING DETAILS.
ZY1A	SAME AS TYPE ZY1 BUT WITH TWO HEADS AT 90 DEGREES AND LOWER LUMEN OUTPUT	POLE MOUNTED (30' HIGH POLE)	GARDCO HEAD 1:PFF-276L-900-NW-G2-SF-AIRP; HEAD 2:PFF-184L-700-NW-G2-SF-AIRP; -277-DD-FP2-OPTIONS-FINISH; RA5-STB-30-D2@90-FINISH-GFCI	LED 4000 CCT/70 CRI H1:109,217 LM H2:59,222 LM	INTEGRAL 0-10V DIMMING	277	H1:795 W H2:386 W	POOL	BY ARCHITECT	SEE SHEET E101 FOR TILT AND PLACEMENT INFORMATION. REFER TO DETAIL 1 ON SHEET E705 FOR MOUNTING DETAILS.
ZY1B	SAME AS TYPE ZY1A BUT WITH TWO HEADS AT 180 DEGREES AND DIFFERENT LUMEN OUTPUTS. HEAD 1 (AIMED AT THE ACTIVITY POOL) TO HAVE GLARE SHIELD.	POLE MOUNTED (30' HIGH POLE)	GARDCO HEAD 1:PFF-276L-1A-NW-G2-SF-AIRP-GS-PFF-276; HEAD 2:PFF-276L-1A-NW-G2-SF-AIRP; -277-DD-FP2-OPTIONS-FINISH; RA5-STB-30-D2-FINISH-GFCI	LED 4000 CCT/70 CRI H1:63,659 LM H2:123,856 LM	INTEGRAL 0-10V DIMMING	277	H1:909 W H2:909 W	POOL	BY ARCHITECT	SEE SHEET E101 FOR TILT INFORMATION. REFER TO DETAIL 1 ON SHEET E705 FOR MOUNTING DETAILS.
ZY1C	SAME AS TYPE ZY1 BUT WITH HIGHER LUMEN OUTPUT AND GLARE SHIELD	POLE MOUNTED (30' HIGH POLE)	GARDCO PFF-276L-1A-NW-G2-SF-AIRP-277-DD-FP1-OPTIONS-FINISH-GS-PFF-276; RA5-STB-30-D1-FINISH-GFCI	LED 4000 CCT/70 CRI 63,659 LM	INTEGRAL 0-10V DIMMING	277	909 W	POOL	BY ARCHITECT	SEE SHEET E101 FOR TILT INFORMATION. REFER TO DETAIL 1 ON SHEET E705 FO...
ZY1D	SAME AS TYPE ZY1B BUT BOTH HEADS WITH SAME LUMEN OUTPUT	POLE MOUNTED (30' HIGH POLE)	GARDCO HEADS: PFF-276L-900-NW-G2-SF-AIRP; -277-DD-FP2-OPTIONS-FINISH; RA5-STB-30-D2-FINISH-GFCI	LED 4000 CCT/70 CRI H1&2:109,217 LM	INTEGRAL 0-10V DIMMING	277	H1&2:795 W	POOL	BY ARCHITECT	SEE SHEET E101 FOR TILT INFORMATION. REFER TO DETAIL 1 ON SHEET E705 FOR MOUNTING DETAILS.
ZY2	12'-0" TALL POLE WITH TYPE 4 OPTIC	POLE MOUNTED (12' HIGH POLE)	VISIONAIRE LIGHTING PRE-2-M-T4-32LC-7-3K-UNV-PT-FINISH-OPTIONS-DIM; RNTA-4R-125-12'-BASE-ANCHOR AGE-T3R-FINISH-OPTIONS	LED 3000 CCT/70 CRI 7,555 LM	INTEGRAL 0-10V DIMMING	UNV	73 W	PARKING	BY ARCHITECT	REFER TO DETAIL 2 ON SHEET E705 FOR MOUNTING DETAILS.
ZY2A	SAME AS TYPE ZY2 BUT WITH TYPE 5 OPTIC	POLE MOUNTED (12' HIGH POLE)	VISIONAIRE LIGHTING PRE-2-M-T5W-32LC-7-3K-UNV-PT-FINISH-OPTIONS-DIM; RNTA-4R-125-12'-BASE-ANCHOR AGE-T3R-FINISH-OPTIONS	LED 3000 CCT/70 CRI 7,928 LM	INTEGRAL 0-10V DIMMING	UNV	73 W	PARKING	BY ARCHITECT	REFER TO DETAIL 2 ON SHEET E705 FOR MOUNTING DETAILS.
ZY3	12'-0" TALL POLE WITH TYPE 2 OPTIC	POLE MOUNTED (12' HIGH POLE)	VISIONAIRE LIGHTING PRE-2-M-T2-16LC-7-3K-UNV-PT-FINISH-OPTIONS-DIM; RNTA-4R-125-12'-BASE-ANCHOR AGE-T3R-FINISH-OPTIONS	LED 3000 CCT/70 CRI 4,066 LM	INTEGRAL 0-10V DIMMING	UNV	39 W	PATHWAYS	BY ARCHITECT	REFER TO DETAIL 2 ON SHEET E705 FOR MOUNTING DETAILS.
ZY3A	SAME AS TYPE ZY3 BUT WITH TYPE 5 OPTIC AND HIGHER LUMEN OUTPUT	POLE MOUNTED (12' HIGH POLE)	VISIONAIRE LIGHTING PRE-2-M-T5W-32LC-5-3K-UNV-PT-FINISH-OPTIONS-DIM; RNTA-4R-125-12'-BASE-ANCHOR AGE-T3R-FINISH-OPTIONS	LED 3000 CCT/70 CRI 6,222 LM	INTEGRAL 0-10V DIMMING	UNV	56 W	PATHWAYS	BY ARCHITECT	REFER TO DETAIL 2 ON SHEET E705 FOR MOUNTING DETAILS.

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION, MOUNTING HEIGHT AND MOUNTING REQUIREMENTS OF ALL LUMINAIRES....
2. THE FINISH INDICATED ARE PRELIMINARY, COORDINATE WITH ARCHITECT FOR ALL LUMINAIRE'S FINAL COLOR FINISH SELECTED FROM MANUFACTURER'S STANDARD COLOR PALETTE PRIOR TO ORDERING OF FIXTURES.
3. ALL EXTERIOR LUMINAIRES SHALL BE 3000K (KELVIN) TEMPERATURE AND MIN. 70 CRI UNLESS NOTED OTHERWISE.
4. PROVIDE COMPLETE MOUNTING ACCESSORIES, SUPPORT BRACKETS, CLIPS, ETC. AS APPLICABLE TO THE FINISH CEILING OR CEILING STRUCTURE AS REQUIRED.
5. PROVIDE ACCESSIBLE WIRING DISCONNECT TO FIXTURE AS REQUIRED.
6. ALL OUTDOOR LUMINAIRES EXPOSED TO WEATHER SHALL BE UL WET LISTED TYPE.

els architecture+ urban design

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REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: **PLANNING RESUBMITTAL 5**

DATE: **JUNE 9, 2025**

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:

LIGHTING FIXTURE SCHEDULE

SHEET NUMBER:

E601

Ref. Dwg. I

PURPOSE AND SCOPE:

THIS DOCUMENT CONTAINS INFORMATION RELATING TO THE PLACEMENT OF PAD MOUNTED ELECTRICAL EQUIPMENT. THIS IS A GUIDE FOR DETERMINING THE MINIMUM REQUIREMENTS FOR EACH SPECIFIC INSTALLATION.

CLEARANCES:

1. CLEARANCES FROM BUILDING WALLS (SEE SHT. 6) - OIL FILLED PAD MOUNTED EQUIPMENT SHALL HAVE THE FOLLOWING CLEARANCES:
   A. 3 FEET MINIMUM FROM ANY BUILDING WALL TO THE EDGE OF THE PAD. THIS CLEARANCE MAY BE REDUCED TO 2 FEET IF THE BUILDING SURFACE IS NONCOMBUSTIBLE, WITH APPROVAL OF ELECTRIC UTILITY ENGINEERING.
2. DOORWAY AND WINDOW CLEARANCE (SEE SHT. 6) - PAD MOUNTED EQUIPMENT SHALL NOT BE PLACED WHERE IT IMPEDES THE FLOW OF AIR OR TRAFFIC THROUGH A DOORWAY OR WINDOW. CLEARANCE SHALL BE 10 FEET RADIALLY FROM THE DOORWAY OR WINDOW TO THE CLOSEST EDGE OF THE PAD.
3. VERTICAL CLEARANCE FROM OVERHANGS (SEE SHT. 7) - TO PROVIDE SPACE FOR HOISTING EQUIPMENT SO THAT IT CAN BE REPLACED, THE FOLLOWING VERTICAL CLEARANCES FROM THE TOP OF THE PAD ARE REQUIRED:
   A. 20 FEET MINIMUM FOR 1Ø PAD MOUNTED EQUIPMENT.
   B. 30 FEET MINIMUM FOR 3Ø PAD MOUNT EQUIPMENT.
   C. WHEN REQUIRED FOR INSTALLATIONS SUCH AS IN DRY VAULTS, THE CLEARANCES FOR PAD MOUNT EQUIPMENT MAY BE REDUCED TO 10 FEET FROM THE TOP OF THE PAD. THIS REDUCED CLEARANCE WILL GREATLY INCREASE THE REPLACEMENT TIME, SINCE THE EQUIPMENT MUST BE JACKED AND ROLLED OUT TO A POSITION WHERE THE CLEARANCE IS ADEQUATE TO HOIST IT.

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS — ALAMEDA MUNICIPAL POWER — DWG. NO.: 1-L-636

Ref. Dwg. I

HORIZONTAL WORK SPACE REQUIREMENTS:

4. CLEAR AND LEVEL WORK AREAS ARE REQUIRED AROUND PAD MOUNTED EQUIPMENT TO PROVIDE A SAFE WORKING SPACE TO OPERATE AND MAINTAIN THE EQUIPMENT.
5. PAD MOUNTED EQUIPMENT (SEE SHT. 9):
   A. 8 FEET MINIMUM IN FRONT OF ALL EQUIPMENT DOORS TO PROVIDE ROOM TO OPERATE WITH HOT STICKS.
   B. 3 FEET MINIMUM FROM NON-OPERABLE SIDES. THIS CLEARANCE MAY BE REDUCED WITH APPROVAL BY ALAMEDA MUNICIPAL POWER ENGINEERING FOR LANDSCAPING OBSTRUCTIONS (DECORATIVE WALLS, PLANTERS, ROCKS, ETC.) THAT MAY BE PLACED NEXT TO THE PAD ON NON OPERABLE SIDES.

PROTECTION FROM VEHICULAR TRAFFIC:

6. PHYSICAL PROTECTION FROM VEHICULAR TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH THE LEVEL OF EXPOSURE. BARRIER POSTS, ETC., ARE INTENDED TO PROVIDE REASONABLE WARNING FROM ACCIDENTAL VEHICULAR CONTACT, RATHER THAN PREVENTING ALL POSSIBLE CONTACT. WHEN THE ELECTRIC ENGINEERING, OR OPERATIONS, DEPARTMENT DETERMINES IT NECESSARY, THE APPLICANT WILL PROVIDE PHYSICAL PROTECTION AS SPECIFIED BY ALAMEDA MUNICIPAL POWER (SEE 1-L-427)
7. PAD MOUNTED EQUIPMENT HAVING THE FOLLOWING SET BACKS MAY NOT REQUIRE THE CUSTOMER TO PROVIDE ADDITIONAL PHYSICAL PROTECTION:
   A. SINGLE-FAMILY, DUPLEX AND OTHER LOW DENSITY RESIDENTIAL AREAS: 3 FEET MINIMUM FROM THE EDGE OF THE CURB.
   B. COMMERCIAL, APARTMENT, CONDOMINIUM AND OTHER HIGH DENSITY AREAS: 9 FEET FROM THE EDGE OF THE ROAD OR CURB DUE TO HIGH VEHICULAR TRAFFIC AND FREQUENT TRUCK BACKING. THE DESIGN OF THE PARTICULAR LAYOUT MAY, OF COURSE, CALL FOR AN INCREASE OR DECREASE IN THESE DIMENSIONS. FOR EXAMPLE, A 3 FOOT SET BACK IS OFTEN ADEQUATE FOR PARTS OF THE COMMERCIAL PARKING LOTS WHERE TRAFFIC FLOW IS CONSTRAINED AND BACKING PERPENDICULAR TO CURB IS UNLIKELY.

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8. STEEL POSTS ARE THE STANDARD MEANS FOR PROVIDING SUCH PHYSICAL PROTECTION. SUITABLE ALTERNATIVES TO THESE PROTECTIVE POSTS MAY BE PROPOSED BY THE APPLICANT FOR CITY APPROVAL.
9. ALL BARRIER POSTS AT THE SAME INSTALLATION SITE WILL BE THE SAME HEIGHT AND SHALL BE PAINTED PADMOUNT GREEN.
10. A BUILDING CAN BE CONSIDERED AS PHYSICAL PROTECTION PROVIDED IT IS LOCATED AT A POINT WHERE A POST WOULD BE NORMALLY REQUIRED.
11. LOCATE BARRIER POSTS SO THAT THEY DO NOT INTERFERE WITH OPENING OF THE EQUIPMENT'S DOORS. CERTAIN TYPES OF PAD MOUNTED EQUIPMENT HAVE DOORS IN BOTH FRONT AND BACK AND REQUIRE 8'-0" MINIMUM CLEARANCE AND CAREFUL BARRIER POST PLACEMENT TO ALLOW THE DOORS TO BE OPENED.
12. USE REMOVABLE POSTS WHEN:
    A. POSTS ARE INSTALLED LESS THAN 8 FEET IN FRONT OF THE EQUIPMENT'S DOORS.
    B. WHERE FIXED POSTS WOULD OBSTRUCT ACCESS FOR INSTALLATION OR REPLACEMENT OF THE EQUIPMENT.

HAZARDOUS LOCATIONS:

13. THE FOLLOWING GUIDE IS TO BE USED WHEN INSTALLING PAD MOUNTED EQUIPMENT IN AREAS WHERE HAZARDOUS LIQUIDS AND GASES ARE DISPENSED OR STORED IN SEALED CONTAINERS:
    A. LIQUIFIED FLAMMABLE GASES: DO NOT INSTALL PAD MOUNTED EQUIPMENT WITHIN 20 FEET OF A GAS DISPENSER WITHOUT CONFORMING TO THE REGULATIONS CONCERNING INSTALLATION OF ELECTRICAL EQUIPMENT IN HAZARDOUS AREAS (REFER TO ARTICLES E500-1, E500-2, E514-1 AND E514-2 OF TITLE 24, PART 3, STATE BUILDING STANDARDS).
    B. ANY CONTAINER WHICH STORES FLAMMABLE LIQUID OR GAS WILL BE CONSIDERED EQUIVALENT TO A "COMBUSTIBLE WALL". THE MINIMUM REQUIRED CLEARANCE IS 3 FEET.

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OIL CONTAINMENT:

14. OIL ENCLOSURES ARE REQUIRED BY THE STATE OF CALIFORNIA IF PAD MOUNTED TRANSFORMERS ARE LOCATED IN AREAS WHERE OIL FROM A RUPTURED TANK COULD FLOW TOWARDS A COMBUSTIBLE SURFACE. OIL ENCLOSURES MAY CONSIST OF FIRE RESISTANT DIKES, CURBED AREAS OR BASINS, OR TRENCHES FILLED WITH COARSE CRUSHED STONE. THEY MUST BE CAPABLE OF HOLDING THE TOTAL VOLUME OF OIL CONTAINED IN THE EQUIPMENT TANK. THE CONSTRUCTION OF REQUIRED OIL CONTAINMENT FACILITIES MAY IN NO WAY IMPEDE THE REQUIRED WORK SPACE AREA. THE CUSTOMER WILL BE RESPONSIBLE FOR PROVIDING ADEQUATE OIL CONTAINMENT ENCLOSURES TO SATISFY THE REQUIREMENTS OF THE STATE OF CALIFORNIA AND ENVIRONMENTAL PROTECTION REGULATIONS.

RETAINING WALLS:

15. RETAINING WALLS SHALL BE PROVIDED WHEN THE CITY DETERMINES IT NECESARY TO PROTECT EQUIPMENT AGAINST LANDSLIDES, DRAINAGE WASH, DRIFTING SANDS, ETC. THE APPLICANT IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE RETAINING WALL. THE RETAINING WALL SHALL BE DESIGNED TO PROVIDE A BARRIER OF SUFFICIENT STRENGHTH AND SUITABLE CONSTRUCTION TO PROVIDE ADEQUATE PROTECTION AND WORKING SPACE AROUND THE EQUIPMENT. TYPICAL EXAMPLE OF RETAINING WALL PLACEMENT ARE SHOWN IN SHT. 8 OF THIS DOCUMENT.
16. RETAINING WALLS GREATER THAN 2 FEET IN HEIGHT WILL REQUIRE A DRAIN PIPE AS SHOWN IN SHT. 8 OF THIS DOCUMENT. DRAIN PIPE SHALL BE A 3" PERFORATED PLASTIC PIPE, COVERED FIRST BY MARAFI DRAIN CLOTH, THEN BY DRAIN ROCK AND FINALLY BACKFILLED.
17. TREATED REDWOOD OR PRESSURE-TREATED DOUGLAS FIR POSTS (NOMINAL 4"x4" MINIMUM) AND PLANKS (NOMINAL 2" OR THICKER) MAY BE USED FOR RETAINING WALLS. POSTS SHOULD BE 24" OR LESS IN LENGTH AND EXTENDED AT LEAST 12" BELOW GROUND AND NOT MORE THAN 12" ABOVE GROUND.
18. THE WORKING AREA WITHIN THE RETAINING WALL WILL BE AT THE SAME LEVEL OR BELOW THE PAD BEING PROTECTED. THE AREA WILL BE KEPT WEED FREE AND COVERED WITH A DECORATIVE COVERING.

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS — DWG. NO.: 1-L-636

Ref. Dwg. I

TRUCK ACCESSIBILITY:

19. PAD MOUNTED EQUIPMENT MUST BE ACCESSIBLE TO CITY TRUCKS. TRUCKS MUST BE ABLE TO BE BACKED UP TO WITHIN 5 FEET OF THE PAD ON:
    A. A SURFACE CAPABLE OF WITHSTANDING TRUCK WEIGHT OF 24 TONS AND
    B. A PATH THAT IS A MINIMUM OF 12 FEET WIDE AND
    C. A MINIMUM VERTICAL CLEARANCE OF 14 FEET SHALL BE MAINTAINED FROM THE STREET TO THE EQUIPMENT PAD.

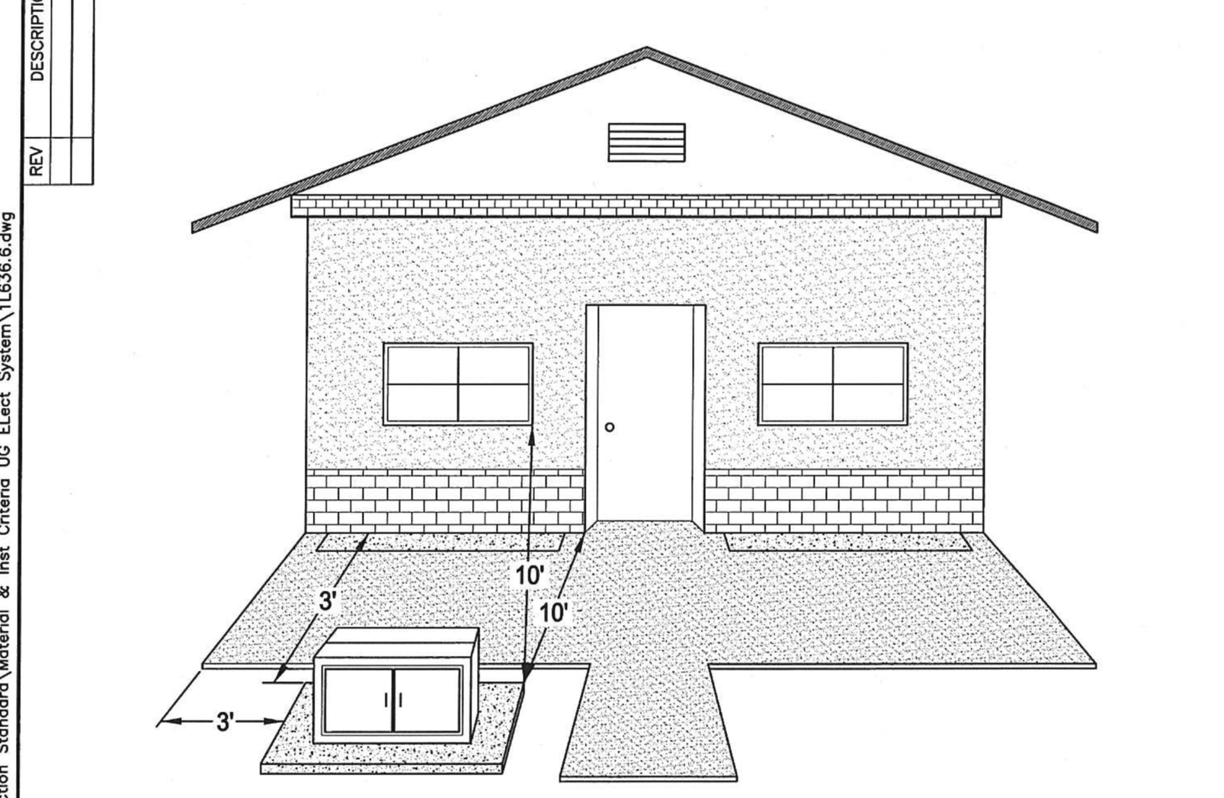
IF THE PATH TO THE EQUIPMENT PAD REQUIRES ANY TURNS BY CITY TRUCKS, THE MINIMUM REQUIREMENTS OF 12'x14' PREVIOUSLY DESCRIBED MAY NEED TO BE INCREASED. FOR LOCATIONS WHERE THE STANDARD ACCESSIBILITY REQUIREMENT ARE NOT MET, CONSULT WITH THE ALAMEDA MUNICIPAL POWER FOR OTHER OPTIONS.

FUTURE CONSTRUCTION:

20. CONSIDERATION SHOULD BE GIVEN NOT ONLY TO CONDITIONS EXISTING AT THE TIME OF INSTALLATION BUT ALSO TO POSSIBLE FUTURE STRUCTURES AND EQUIPMENT WHICH COULD INTERFERE WITH REQUIRED CLEARANCES OR ACCESSIBILITY. ON THOSE INSTALLATIONS WHERE THERE IS A HIGH PROBABILITY OF A FUTURE OBSTRUCTION, INSTALL A CLEARANCE REQUIREMENT SIGN ON THE EQUIPMENT.

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS — DWG. NO.: 1-L-636

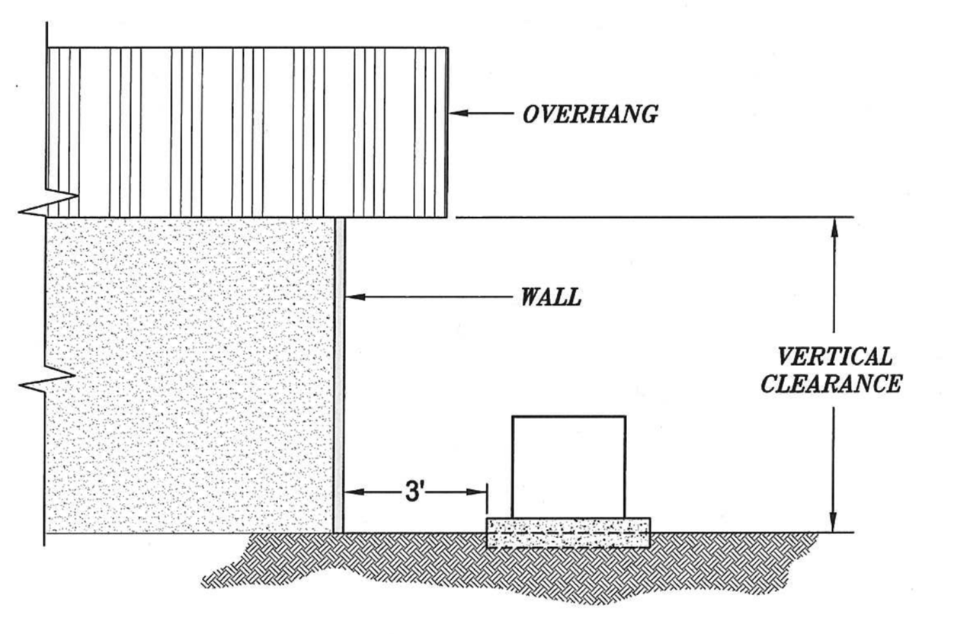
Ref. Dwg. I



BUILDING, DOORWAY & WINDOW MINIMUM CLEARANCES
NOT TO SCALE

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS — DWG. NO.: 1-L-636

Ref. Dwg. I



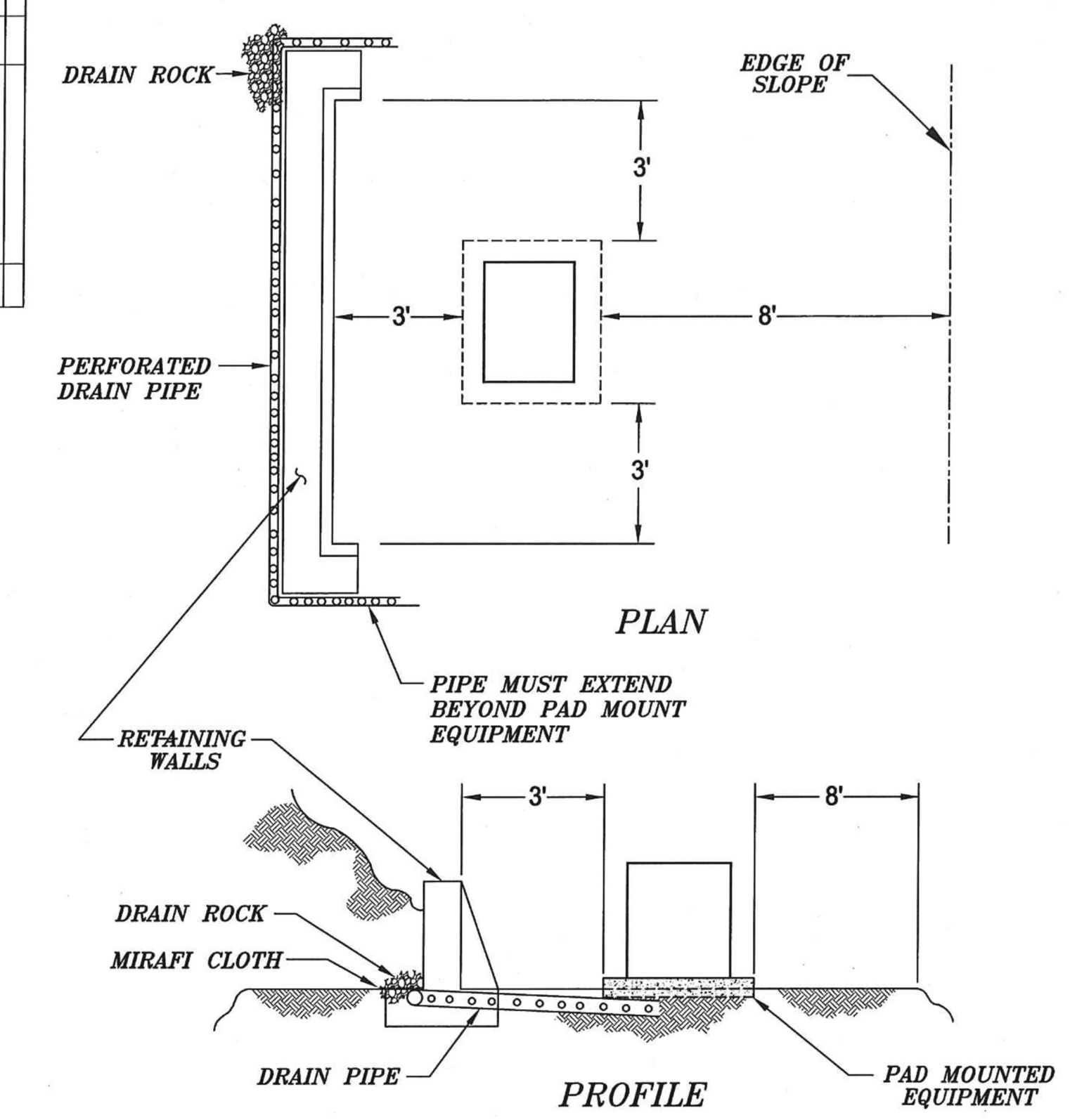
VERTICAL CLEARANCE REQUIREMENTS

VERTICAL CLEARANCE	EQUIPMENT
20'	1Ø PAD MOUNTED
30'	3Ø PAD MOUNTED

MINIMUN CLEARANCES FOR PAD MOUNTED EQUIPMENT

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS — DWG. NO.: 1-L-636

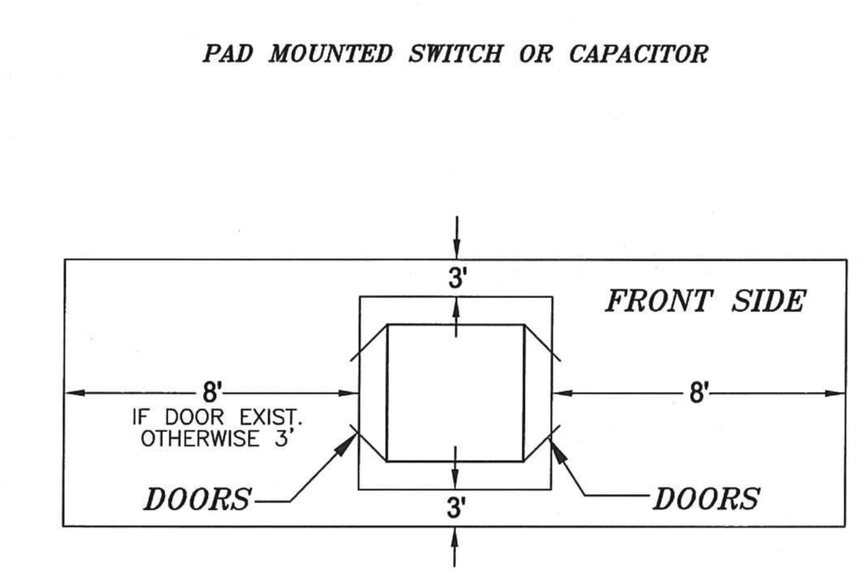
Ref. Dwg. I



EXAMPLE OF PAD MOUNTED EQUIPMENT INSTALLATION ON SLOPED TERRAIN

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS — DWG. NO.: 1-L-636

Ref. Dwg. I

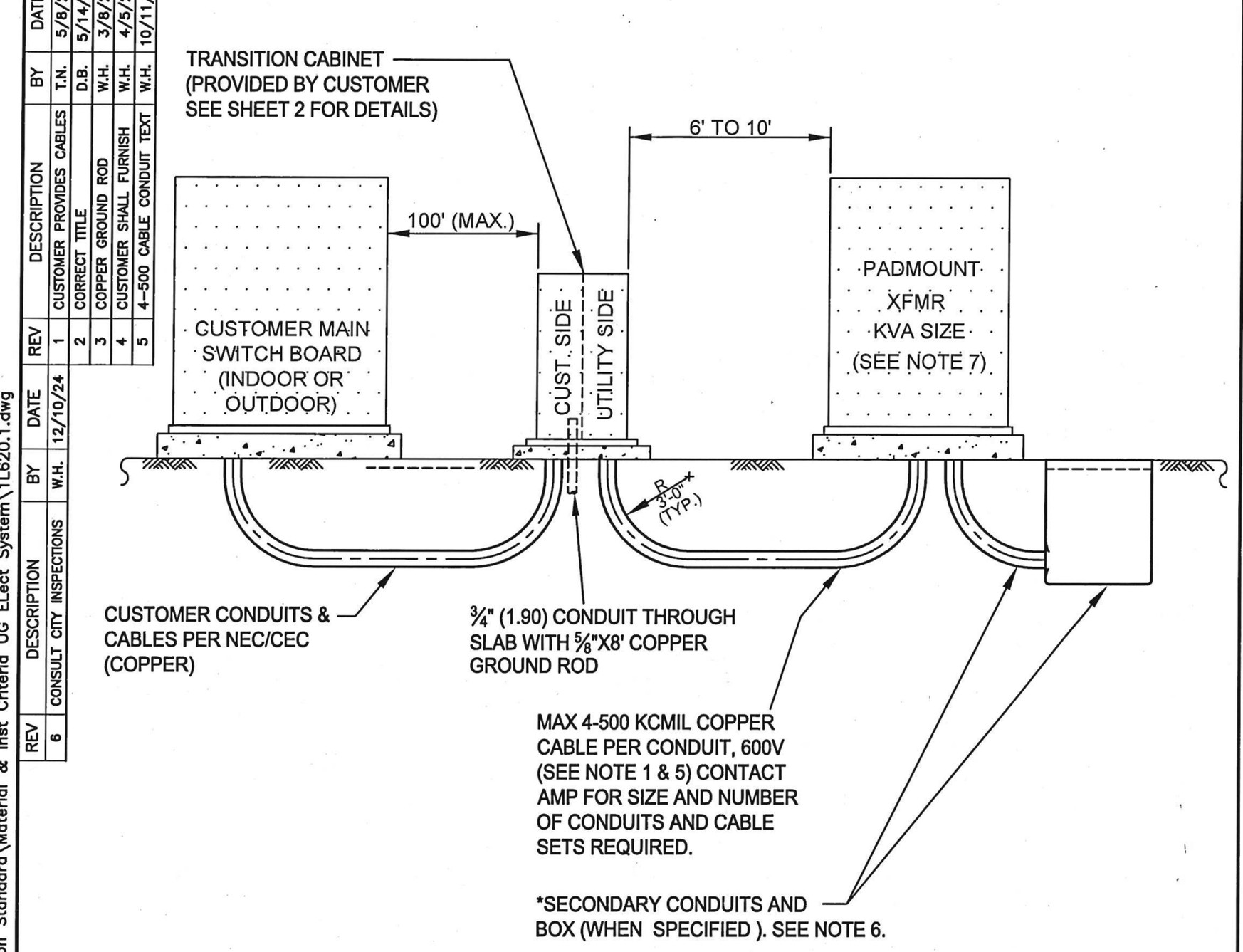


WORK SPACE FOR PAD MOUNTED SWITCHES AND CAPACITORS

TITLE: PAD MOUNT EQUIPMENT CLEARANCE REQUIREMENTS

DRAWN:	LV ANCHETA	DATE: MAY 18, 2020	DWG. NO.: 1-L-636	REV. 0
REVIEWED:			SCALE: NTS	SHT 9 OF 9
APPROVED:				

Ref. Dwg. – T1



TRANSITION CABINET (PROVIDED BY CUSTOMER SEE SHEET 2 FOR DETAILS)
6' TO 10'
100' (MAX.)
CUSTOMER MAIN SWITCH BOARD (INDOOR OR OUTDOOR)
CUST. SIDE
UTILITY SIDE
PADMOUNT XFMR KVA SIZE (SEE NOTE 7)
CUSTOMER CONDUITS & CABLES PER NEC/CEC (COPPER)
3/4" (1.90) CONDUIT THROUGH SLAB WITH 5/8"X8' COPPER GROUND ROD
MAX 4-500 KCMIL COPPER CABLE PER CONDUIT, 600V (SEE NOTE 1 & 5) CONTACT AMP FOR SIZE AND NUMBER OF CONDUITS AND CABLE SETS REQUIRED.
*SECONDARY CONDUITS AND BOX (WHEN SPECIFIED). SEE NOTE 6.

Consult with the City of Alameda Inspection Office for CEC requirements for the transition cabinet as well as for pre-construction requirements

NOTES:

1. CUSTOMER SHALL FURNISH, INSTALL THE SERVICE LATERAL CONDUCTORS BETWEEN THE TRANSITION CABINET AND TRANSFORMER SECONDARY TERMINALS. AMP WILL TERMINATE, CABLES AT TRANSFORMER SECONDARY TERMINALS.
2. CUSTOMER SHALL INSTALL CABLES FROM THE TRANSITION CABINET TO THE MAIN SWITCHBOARD.
3. THE DESIGNATED SERVICE POINT SHALL BE THE CUSTOMER OWNED AND SUPPLIED TRANSITION CABINET.
4. THE TRANSITION CABINET SHALL BE FABRICATED PER SHT. 2 OR APPROVED EQUIVALENT.
5. AMP WILL PROVIDE LUGS ON THE TRANSFORMER SECONDARY TERMINALS. CUSTOMER SHALL PROVIDE/INSTALL LUGS AND TERMINATE CABLES AT SWITCHGEAR AND TRANSITION CABINET.
6. AMP MAY REQUIRE ADDITIONAL SECONDARY CONDUIT AND BOX FOR SECONDARY DISTRIBUTION USE. BOX SHALL BE SEALABLE.
7. CONSULT AMP ENGINEERING

TITLE: SECONDARY SERVICE TRANSITION CABINET SERVICE SIZE LARGER THAN 1600A

ALAMEDA MUNICIPAL POWER
A Department of the City of Alameda
2000 GRAND STREET, P.O. BOX H
ALAMEDA, CALIFORNIA 94501

DRAWN:	L.V.A./D.B./W.H.	DATE: DEC 10, 2024	DWG. NO.: 1-L-620	REV. 6
REVIEWED:			SCALE: NTS	SHT 1 OF 2
APPROVED:				

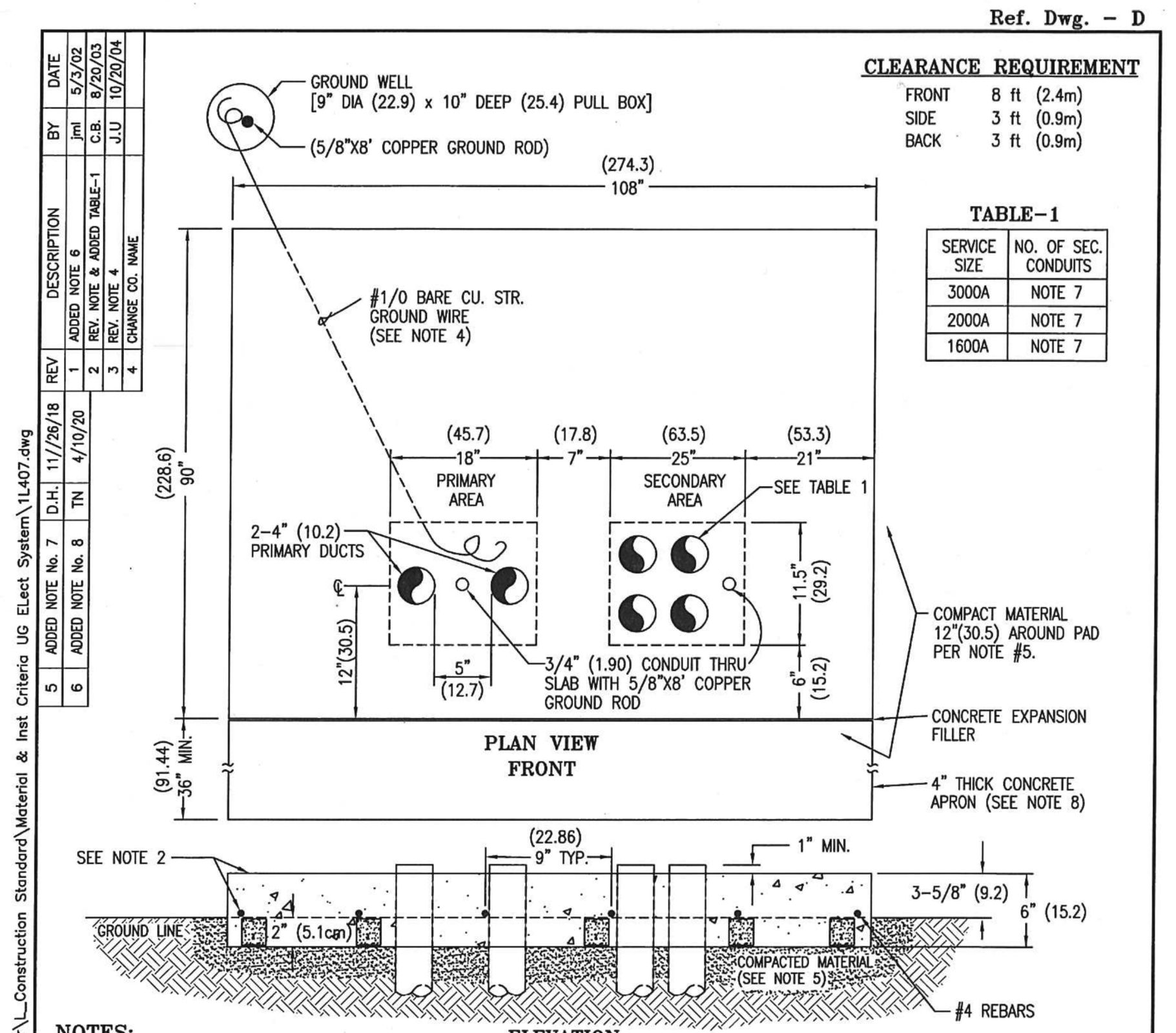
Ref. Dwg. – D

CLEARANCE REQUIREMENT

FRONT	8 ft	(2.4m)
SIDE	3 ft	(0.9m)
BACK	3 ft	(0.9m)

TABLE-1

SERVICE SIZE	NO. OF SEC. CONDUITS
3000A	NOTE 7
2000A	NOTE 7
1600A	NOTE 7



NOTES:

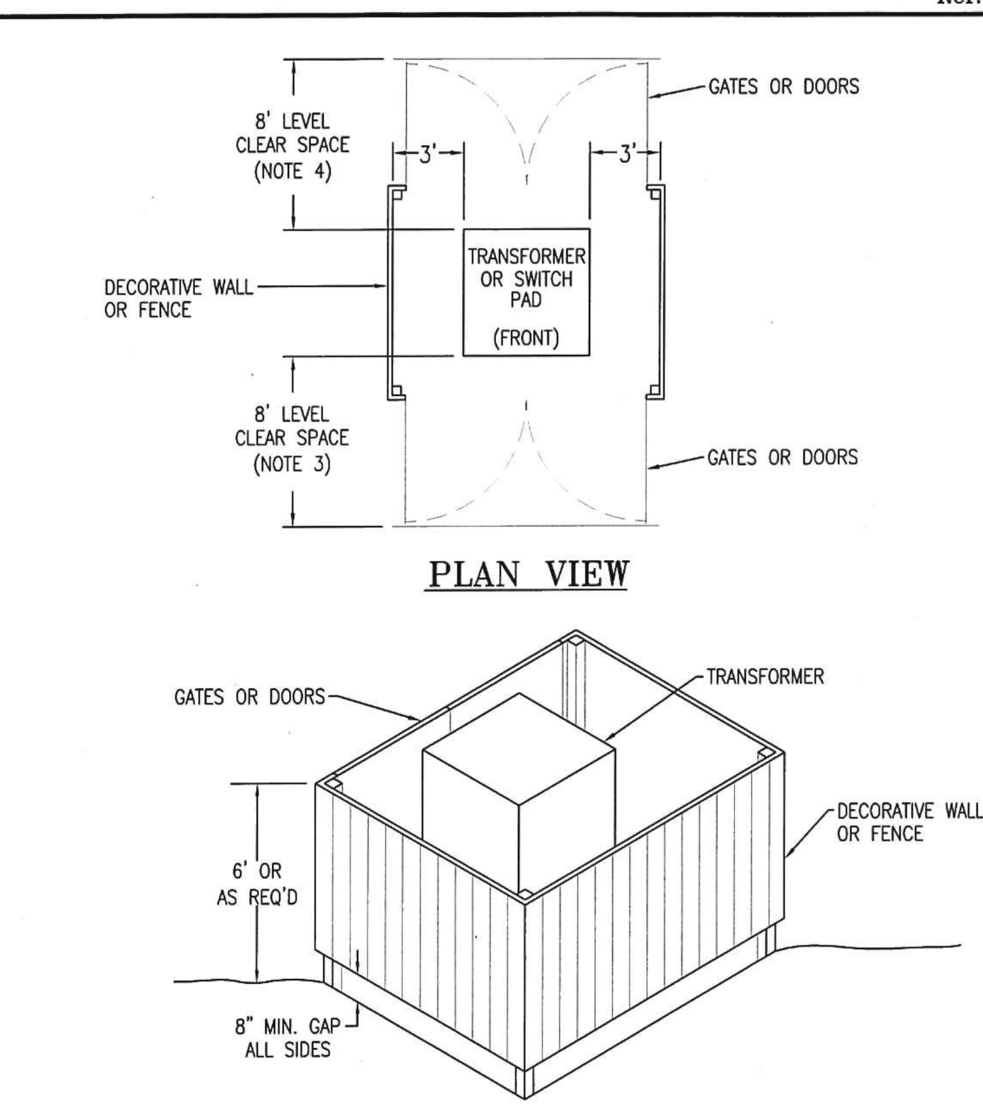
1. UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS IN PARENTHESES ARE IN CENTIMETERS.
2. CONCRETE TO BE 6" (15.2) THICK (MINIMUM) WITH #4 REINFORCING STEEL SPACED AT 9" (22.9) INTERVALS AND CROSS LACED. PAD SURFACE TO BE APPROX. 3-5/8" (9.2) ABOVE GRADE. REBARS SHOULD SIT ON TOP OF THE 2" (5.1cm) CONCRETE DOBIES. CALL ALAMEDA MUNICIPAL POWER (AMP) FOR INSPECTION BEFORE POURING CONCRETE, TEL. (510) 385-6682
3. SECONDARY CONDUITS, AS REQUIRED BY NATIONAL ELECTRICAL CODE AND APPROVED BY AMP. ALL CONDUITS SHALL BE AS FAR LEFT IN SECONDARY AREA AS POSSIBLE (SEC. CONDUITS SHOWN FOR REFERENCE ONLY, QUANTITY MAY VARY ACCORDING TO TABLE-1)
4. INSTALL A #1/0 AWG BARE COPPER GROUND WIRE UNDERNEATH THE PAD FROM THE GROUND ROD IN THE PRIMARY AREA TO THE GROUND ROD OUTSIDE THE PAD LOCATED 6' (1.83m) MIN. AWAY FROM PAD. LEAVE 18' (5.4m) LEAD ON THE TRANSFORMER PAD END & 2' (5.08cm) LEAD ON THE GROUND WELL END. THE #1/0 GROUND WIRE SHALL BE BONDED TO THE REBARS.
5. THE PAD SHALL BE POURED OVER A 6" MINIMUM FINISHED LAYER OF CLASS 2 AGGREGATE BASE COMPACTED TO 90%. COPY OF COMPACTION TEST REPORT AND CONCRETE DELIVERY SLIP ARE REQ'D.
6. TRANSFORMER PAD SHALL BE CONSTRUCTED OF 3,000 PSI (211.4kg/cm^2) TEST STRENGTH CONCRETE.
7. AMP WILL DETERMINE WHETHER BUS DUCT OR TRANSITION CABINET PER DWG 1-L-432 OR 1-L-620
8. POUR 4" THICK CONCRETE SLAB INFRONT OF THE TRANSFORMER PAD. THE APRON SHALL BE 2" BELOW GRADE OF THE PAD.

(NOTE: SUPERSEDES DRAWING #UT7)

TITLE: CONCRETE PAD FOR THREE-PHASE TRANSFORMER (1000 KVA & 1500 KVA)

DRAWN:	L.V. ANCHETA	DATE: MAY 06, 2020	DWG. NO.: 1-L-407	REV. 6
REVIEWED:			SCALE: NTS	SHT 1 OF 1
APPROVED:				

Ref. Dwg. – Z



PERSPECTIVE – RESIDENT'S VIEW

NOTES:

1. THIS DRAWING PROVIDES AN ILLUSTRATIVE WALL DESIGN IDEA THAT THE CUSTOMER MAY USE TO SCREEN A PAD-MOUNTED TRANSFORMER OR SWITCH. THIS MAY BE MODIFIED TO FIT A PARTICULAR SITE CONDITION, SUBJECT TO APPROVAL BY ALAMEDA MUNICIPAL POWER (AMP).
2. DECORATIVE WALL OR FENCE SHALL BE INSTALLED, OWNED AND MAINTAINED BY THE CUSTOMER. AN 8" MINIMUM GAP IS REQUIRED AROUND THE ENTIRE BOTTOM OF ANY WALL ENCLOSURE AS SHOWN ON DRAWING.
3. A CLEAR, LEVEL WORKING SPACE OF 8 FEET IS REQUIRED IN FRONT OF THE TRANSFORMER. GATES OR DOORS MAY BE PLACED AS LONG AS A MINIMUM 8-FT. CLEARANCE IS AVAILABLE WITH THE GATES OR DOORS OPEN.
4. A CLEAR, LEVEL WORKING SPACE OF 8 FEET IS REQUIRED AT THE FRONT AND BACK OF A SWITCH. GATES OR DOORS MAY BE PLACED AS LONG AS A MINIMUM 8-FT CLEARANCE IS AVAILABLE WITH THE GATES OR DOORS OPEN.
5. DECORATIVE WALLS OR FENCES ARE NOT SUBSTITUTES TO ANY REQUIRED BARRIER POSTS OR BOLLARDS.

TITLE: WALL SCREEN FOR PAD-MOUNTED EQUIPMENT

DRAWN:	L.V. ANCHETA	DATE: NOV. 20, 2009	DWG. NO.: 1-L-521	REV. 2
REVIEWED:			SCALE: NTS	SHT 1 OF 1
APPROVED:				

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els architecture+ urban design

PROJECT:
ALAMEDA AQUATIC CENTER
800 ATLANTIC AVENUE
ALAMEDA, CA 94501

PROJECT NUMBER:
202407

CLIENT:
CITY OF ALAMEDA RECREATION AND PARK DEPARTMENT
2226 SANTA CLARA AVENUE
ALAMEDA, CA 94501

PROJECT TEAM:

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LANDSCAPE ARCHITECT:
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STRUCTURAL ENGINEER:
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P: 760.438.8400

SPECIFICATIONS:
SPECIFICATIONS WEST
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Tucson, AZ 85737
P: 800.646.3820

REVISION

NUMBER	DATE	DESCRIPTION

ISSUE: PLANNING RESUBMITTAL 5

DATE: JUNE 9, 2025

STAMP:

NOT FOR CONSTRUCTION

SHEET TITLE:
DETAILS (FOR REFERENCE)

SHEET NUMBER:
E704