

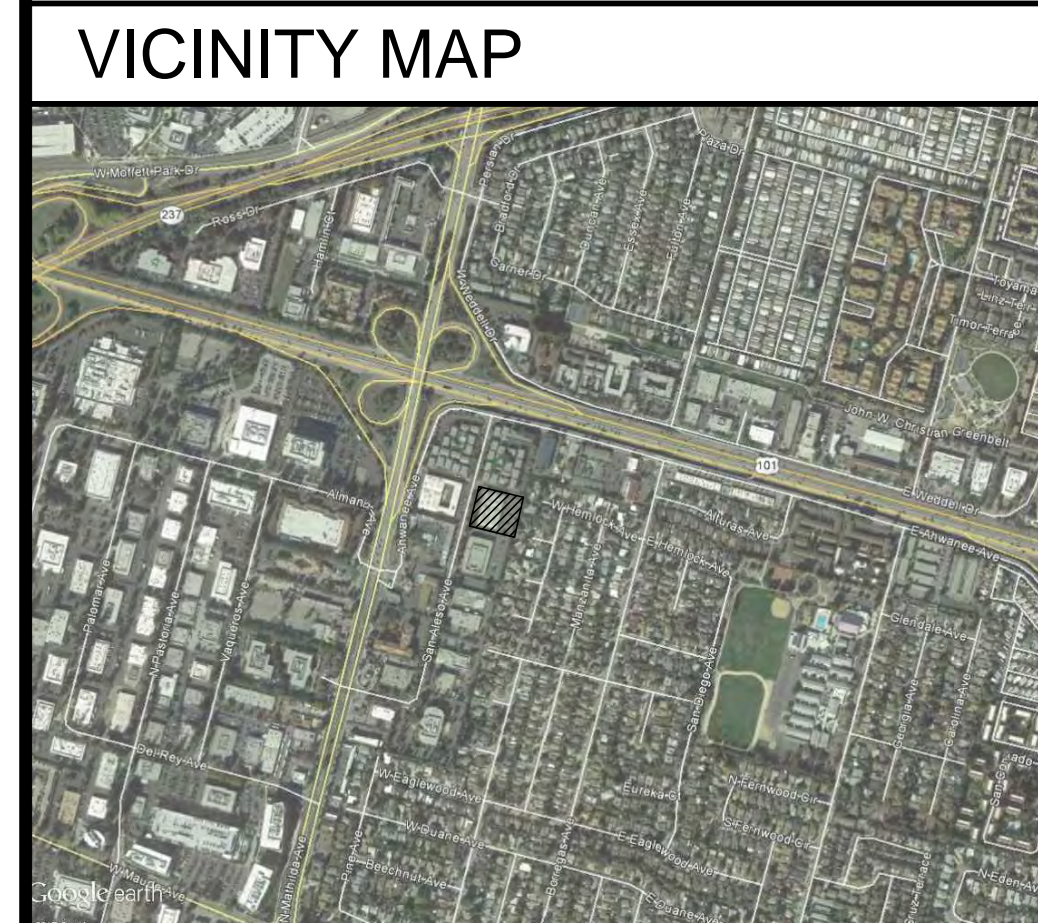
# SUMMIT SAN ALESO USE PERMIT APPLICATION

## 824 SAN ALESO AVENUE SUNNYVALE, CA 94085



394-A Umbarger Rd  
San Jose, CA 95111  
Phone 408.224.9890  
Fax 408.224.9891  
www.ArtikA3.com

PROJECT NO.: 2017-7986



**SCOPE OF WORK**

The following is a brief description of the scope of work. Contractor shall determine/verify the entire scope as shown in the Construction Documents (Drawings and Specifications) prior to submitting bids.

**CONVERSION OF (E) INDUSTRIAL BUILDING INTO A HIGH SCHOOL.**

UPGRADES TO THE SITE WILL INCLUDE, BUT NOT BE LIMITED TO - GRADING/PAVING, PARKING LOT RECONFIGURATION, INSTALLATION OF AN AUTOMATED 3-LEVEL PARKING LIFT, UTILITIES, STORM WATER MANAGEMENT, SOLID WASTE DISPOSAL, LANDSCAPE PLANTING, AND LANDSCAPE IRRIGATION.

UPGRADES TO THE BUILDING WILL INCLUDE DEMOLITION OF ALL INTERIOR WALLS AND ROOF STRUCTURE, RE-ROOFING AND ASSOCIATED STRUCTURAL UPGRADES, CREATING NEW WINDOW OPENINGS ON THE EXTERIOR, TENANT IMPROVEMENTS INSIDE, MECHANICAL, ELECTRICAL, AND PLUMBING SYSTEM UPGRADES, AS WELL AS ARCHITECTURAL FINISHES THROUGHOUT THE INTERIOR AND EXTERIOR.

**GOVERNING CODES**

**PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2017**

- 2016 California Administrative Code, Part 1, Title 24 C.C.R.
- 2016 California Building Code (CBC), Part 2, Title 24 C.C.R. (2015 International Building Code and 2016 California Amendments)
- 2016 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (2014 National Electrical Code and 2016 California Amendments)
- 2016 California Mechanical Code (CMC), Part 4, Title 24 C.C.R. (2015 Uniform Mechanical Code and 2016 California Amendments)
- 2015 California Plumbing Code (CPC), Part 5, Title 24 C.C.R. (2015 Uniform Plumbing Code and 2016 California Amendments)
- 2016 California Energy Code (CEC), Part 6, Title 24 C.C.R.
- 2016 California Fire Code, Part 9, Title 24 C.C.R. (2015 International Fire Code and 2016 California Amendments)
- 2016 California Existing Building Code (CEBC), Part 10, Title 24 C.C.R. (2015 International Building Code and 2016 California Amendments)
- 2016 California Green Building Standards Code (CALGreen), Part 11, Title 24 C.C.R.
- 2016 California Reference Standards, Part 12, Title 24 C.C.R.
- Title 19 C.C.R., Public Safety, State Fire Marshal Regulations
- 2013 ASME A17.1/CSA B44-13 Safety Code for Elevators and Escalators

**ABBREVIATIONS**

AB ANCHOR BOLT	FE FIRE EXTINGUISHER	PLAS PLASTER	W/ WITH
ABV ABOVE	FEC FIRE EXTINGUISHER CABINET	PLT PLATE	WC WATER CLOSET
AC ASPHALT CONCRETE	FF FINISHED FLOOR	PLYWD PLYWOOD	WD WOOD
A/C AIR CONDITIONING	FG FIXED GLASS	PNL PANEL	WFG WIRED FIXED GLASS
ACOUS ACOUSTICAL	FHMS FLATHEAD MACHINE SCREW	PNT PAINT, -ED	WHC WALL HUNG CABINET
ACP ACOUSTICAL CEILING PANEL	FHS FLAT HEAD SCREW	POC POINT OF CONNECTION	WI WROUGHT IRON
ACT ACOUSTICAL CEILING TILE	FHWS FLATHEAD WOOD SCREW	PP PERMIT PACKAGE	WIN WINDOW
AD AREA DRAIN	FIN FINISH	PR PAIR	WIM WIRE MESH
ADD ADDENDUM	FJ FLOOR JOIST	PRCST PRE-CAST	WO WITHOUT
ADD'L ADDITIONAL	FL FLOOR	PT POINT	WO WHERE OCCURS
ADJ ADJUSTABLE/ADJACENT	FLASH FLASHING	PTD PAPER TOWEL DISPENSER	WP WATERPROOF
AFF ABOVE FINISH FLOOR	FLX FLEXIBLE	PTDF PRESSURE TREATED	WSCOT WAINSCOT
AGGR AGGREGATE	FND FOUNDATION	PTN PARTITION	WSP WET STANDPIPE
ALT ALTERNATE	FOS FACE OF STUDS	PVA POLYVINYL ACETATE	WST WASTE
ALUM ALUMINUM	FPRF FIREPROOF	PVC POLYVINYL CHLORIDE	WT WEIGHT
APL ASSUMED PROPERTY LINE	FR FRAME, -D, -ING	R RISER	WWF WELDED WIRE FABRIC
APPROX APPROXIMATE	FSK FLOOR SINK	RAD RADIUS	& AND
ARCH ARCHITECTURAL	FT FOOT OR FEET	RCP REFLECTED CEILING PLAN	< ANGLE
ASPH ASPHALT	FTG FOOTING	RD ROOF DRAIN	@ AT
BB BOTTOM OF BEAM	FURR FURRING	RDWD REDWOOD	C CENTER LINE
BEL BELOW	GA GAGE, GAUGE	REF REFERENCE	Ø DIAMETER
BLDG BUILDING	GALV GALVANIZED	REINF REINFORCE, -D, -ING	# NUMBER OR POUND
BLK BLOCK	GB GRAB BARS	REM REMOVE	± PLUS/MINUS
BLKG BLOCKING	GEN GENERAL	REQ REQUIRED	P PROPERTY LINE
BM BEAM	GSKT GASKET, GASKETED	RESIL RESILIENT	
BOT BOTTOM	GL GLASS, GLAZING	RET RETURN	
BUR BUILT UP ROOFING	GND GROUND	REV REVISION, -S, REVISED	
CAB CABINET	GR GRADE	RFG ROOFING	
CB CATCH BASIN	GVL GRAVEL	RFL REFLECT, -ED, -IVE	
CEM CEMENT	GWB GYPSUM WALL BOARD	RH RIGHT HAND	
CER CERAMIC	GYP GYPSUM	RM ROOM	
CG CORNER GUARD	HDR HOSE BIBB	RO ROUGH OPENING	
CF CUBIC FOOT	HGT HEADER	ROW RIGHT OF WAY	
CFL COUNTERFLASHING	HGT HEIGHT	RT RESILIENT TILE	
CJ CEILING JOIST	HM HOLLOW METAL	RWL HOLD OPEN	
CJT CONTROL JOINT	HO HOLD OPEN	S SOUTH	
CLG CEILING	HORIZ HORIZONTAL	SC SOLID CORE	
CLKG CAULKING	HR HOUR	SCHED SCHEDULE	
CLR CLEAR	HRC HOT ROLLED CHANNEL	SD STORM DRAIN	
CMU CONCRETE MASONRY UNIT	HTG HEATING	SECT SECTION	
CO CLEAN OUT	HVAC HEATING/VENTILATING/	SH SHELF	
COL COLUMN	HW HOT WATER	SHT SHEET	
COMB COMBINATION	ID INSIDE DIAMETER	SHTG SHEATHING	
CONC CONCRETE	INCL INCLUDE, -D, -ING	SIM SIMILAR	
CONN CONNECTION	INSUL INSULATE, -D, -ION	SKL SKYLIGHT	
CONSTR CONSTRUCTION	INT INTERIOR	SMS SHEET METAL SCREW	
CONT CONTINUOUS OR CONTINUE	INV INVERT	SP STANDPIPE	
CORR CORRIDOR OR CORRUGATED	JST JOIST	SPEC SPECIFICATION	
COTF CLEAN OUT THROUGH FLOOR	JT JOINT	SPVC STANDPIPE VALVE CABINET	
COTG CLEAN OUT TO GRADE	KIT KITCHEN	SQ SQUARE	
COTW CLEAN OUT THROUGH WALL	LAM LAMINATE	S.S. STAINLESS STEEL	
CRC COLD ROLLED CHANNEL	LAV LAVATORY	SSK SERVICE SINK	
CSMT CASEMENT	LB LAG BOLT	STD STANDARD	
CSP COMBINATION STANDPIPE	LH LEFT HAND	STL STEEL	
CTR CENTER	LT LIGHT	STOR STORAGE	
CTSK COUNTERSUNK	LVR LOUVER	STRL STRUCTURE/STRUCTURAL	
CW COLD WATER	MAS MASONRY	SUSP SUSPENDED	
DBL DOUBLE	MATL MATERIAL	SV SHEET VINYL	
DEPT DEPARTMENT	MAX MAXIMUM	SYM SYMMETRICAL	
DET DETAIL	MB MACHINE BOLT	SYS SYSTEM	
DF DRINKING FOUNTAIN	MECH MECHANICAL	T TREAD	
DIA DIAMETER	MED MEDIUM	T&B TOP AND BOTTOM	
DIAG DIAGONAL	MEMB MEMBRANE	T&G TONGUE AND GROOVE	
DIM DIMENSION	METAL METAL	TD TRENCH DRAIN	
DIV DIVISION	MFG MANUFACTURING	TEL TELEPHONE	
DN DOWN	MFR MANUFACTURER	TEMP TEMPERED	
DO DOOR OPENING	MIN MINIMUM	THK THICK, -NESS	
DR DOOR	MISC MISCELLANEOUS	THRU THROUGH	
DS DOWNSPOUT	MKRBD MARKER BOARD	TJ TOOL JOINT	
DWG DRAWING	MO MASONRY OPENING	TOB TOP OF BEAM	
DWR DRAWER	MOD MODULAR	TOC TOP OF CURB OR CONCRETE	
DWS DRYWALL SCREW	MTD MOUNTED	TOM TOP OF MASONRY	
E EAST	MUL MULLION	TOS TOP OF STEEL	
(E) EXISTING	N NORTH	TOW TOP OF WALL	
EA EACH	(N) NEW	TP TOP OF PAVEMENT	
EB EXPANSION BOLT	NIC NOT IN CONTRACT	TRD TREAD	
EJ EXPANSION JOINT	NO NUMBER	TS TUBE STEEL	
EL ELEVATION	NOM NOMINAL	TSB TOP SET BASE	
ELEC ELECTRICAL	NTS NOT TO SCALE	TSL TOP OF SLAB	
ELEV ELEVATION	O OVER	TYP TYPICAL	
EMER EMERGENCY	OA OVERALL	UNF UNFINISHED	
ENAM ENAMEL	O/C ON CENTER	UON UNLESS OTHERWISE NOTED	
ENCL ENCLOSURE	OD OUTSIDE DIAMETER	UR URINAL	
EQ EQUAL	OFD OVERFLOW DRAIN	VAR VARIES	
EXH EXHAUST	OFF OFFICE	VB VAPOR BARRIER	
EXP EXPANSION	OH OPPOSITE HAND	VCT VINYL COMPOSITION TILE	
EXPO EXPOSED	OPNG OPENING	VERT VERTICAL	
EXT EXISTING	OPP OPPOSITE	VEST VESTIBULE	
EXT EXTERIOR	OPT OPTIONAL	VG VERTICAL GRAIN	
FA FIRE ALARM	PEN PENETRATION, -S	VIF VERIFY IN FIELD	
FAB FABRICATION	PERF PERFORATE, -D	VNR VENER	
FAS FASTEN/FASTENER	PERM PERIMETER	VO VENT OVER/OFFSET	
FBGL FIBERGLASS	PFB PREFABRICATE, -D	VR VENT RISER	
FBLK FIRE BLOCKING	PIP POURED-IN-PLACE	VTR VENT THROUGH ROOF	
FBO FURNISHED BY OTHERS	PL PROPERTY LINE	VWC VINYL WALL COVERING	
FD FLOOR DRAIN	PLAM PLASTIC LAMINATE	W WEST	
FDC FIRE DEPARTMENT CONNECTION			

**Legend**

Key Plan	
Project Title	

**PROJECT DIRECTORY**

**CLIENT**  
Summit Public Schools  
900 Island Dr, Suite 203  
Redwood City, CA 94065  
(650) 257 9878  
(650) 517 8356 (Fax)

**ARCHITECT**  
Artik Art & Architecture  
394-A Umbarger Road  
San Jose, CA 95111  
(408) 224-9890  
(408) 224-9891 (Fax)

**CIVIL ENGINEER**  
Underwood & Rosenblum, Inc.  
1630 Oakland Road, Suite A114  
San Jose, CA 95131  
(408) 453-1222  
(408) 453-1207 (Fax)

**LANDSCAPE ARCHITECT**  
ANLA Associates, Inc.  
1213 Lincoln Ave, Suite 211  
San Jose, CA 95125  
(408) 292-2196

**ELECTRICAL ENGINEER**  
General Lighting Services  
975 Chestnut Street  
San Jose, CA 95110  
(408) 298-6670  
(408) 298-6795 (Fax)

**GENERAL NOTES**

- Existing construction data shown on the drawings was obtained from available drawings. The contractor shall verify all existing conditions and shall notify the architect of all exceptions before proceeding with the work.
- See architectural drawings for layout dimensions and elevations except where indicated otherwise.
- All discrepancies between drawings shall be clarified with the architect prior to proceeding with work.
- In the event that certain features of the construction are not fully shown or detailed on the drawings or called for in the general notes, then their construction shall be of the same character as similar conditions that are shown or called for.
- Dimensions, elevations, and existing conditions shall be checked and verified on the job site by each contractor. Errors, omissions or discrepancies shall be reported to the architect before work begins or supplies are ordered.
- All dimensions are subject to conventional industry tolerances except where the requirement is stated as a range with specific minimum and maximum end points.
- Verify electrical, mechanical, fire alarm, telephone and security requirements before construction begins.
- Work shall be performed in conformance with local, county, state and federal codes, laws, and regulations applicable to this work.
- Administration of construction per Part 1, Title 24, CCR
  - Duties of architect, structural engineer, or professional engineer per section 4-333(a) & 4-341.
  - Duties of contractor per section 4-343.
  - Verified reports per sections 4-336 and 4-343(c).
  - DSA shall be notified upon onset of construction sections 4-331.
- The intent of these documents is to construct the school buildings in accordance with Title 24 CCR. Substitutions affecting DSA regulated items shall be submitted as a construction change document (CCD) or addenda, and shall be approved by DSA prior to fabrication and/or installation.
- Addenda must be signed by Architect and approved by DSA.
- CCDs shall be signed by the architect or engineer of record, the structural engineer (when applicable), the delegated professional engineer, and DSA.
- No changes or revisions shall be made following written approval which affects access compliance items unless such changes or revisions are submitted to DSA for approval.
- Materials and their installation shall comply with applicable codes, standards and manufacturer's recommendations.
- Separate application may be required for all N.I.C. items not part of DSA approval.
- Pursuant to CCR Title 19, Subchapter 1, Article 3.05-Access Roads and Article 3.16- Gate Entrances to School Grounds: It is necessary to provide Fire & Life Safety at DSA with written certification from the local fire authority that the above sections are being met to their satisfaction. It is necessary to provide this information prior to receiving approval by Fire & Life Safety. If further information is desired, please contact Fire & Life Safety at (510) 622-3101.
- Any item identified to be demolished, removed or relocated is to be completely removed, including but not limited to any concealed items (pipes, curbs, framing, beams, fasteners, etc.). All items within a demolished area that must be rerouted in order to maintain continuity shall be done so in accordance with appropriate specification sections in the project manual at no additional cost. If no specification can be found within the project manual, then continuity shall be maintained by current standard methods for construction but not lesser in quality than existing. Any area of demolition or removal shall be left in a completely finished condition as outlined in the project manual.
- All case work to be attached to walls and floors as indicated on drawings. If no specific detail is referenced, use the details referenced for similar conditions on other casework.
- Food handling facilities shall comply with local/ county health department requirements.
- All items listed as N.I.C. are not part of this DSA Approval.

**PARTIAL LIST OF APPLICABLE STANDARDS (per 2017 CBC/CFC)**

NFPA 13	Automatic Fire Sprinklers	2016 Edition
NFPA 14	Standpipe Systems	2013 Edition
NFPA 17	Dry Chemical Extinguishing Systems	2013 Edition
NFPA 17a	Wet Chemical Systems	2013 Edition
NFPA 20	Stationary Pumps	2016 Edition
NFPA 22	Water Tanks for Private Fire Protection	2013 Edition
NFPA 24	Private Fire Mains	2016 Edition
NFPA 25	Inspection, Testing and Maintenance of Water Based Fire Protection Systems	2013 Edition
NFPA 72	National Fire Alarm Code	2016 Edition
NFPA 80	Fire Doors and Other Opening Protectives	2016 Edition
NFPA 101	Life Safety Code	2015 Edition
NFPA 110	Emergency and Standby Power Systems	2016 Edition
NFPA 170	Standard for Fire Safety and Emergency Symbols	2015 Edition
NFPA 2001	Clean Agent Fire Extinguishing Systems	2015 Edition

SFM 12-10-1 Power Operated Exit Doors  
SFM 12-10-2 Single Point Latching or Locking Devices  
SFM 12-10-3 Emergency Exit and Panic Hardware

**NOTES**

- Compliance with CFC and CBC Chapter 33, Fire Safety During Construction and Demolition will be enforced.
- Some codes may not apply if work regulated by such code is not within the scope of this project.

**SHEET INDEX**

A0.01	TITLE SHEET
<b>CIVIL</b>	
C0	SITE TOPOGRAPHIC SURVEY
C1	SITE DEMOLITION PLAN
C2	GRADING & PAVING PLAN
C3.0	SITE PLUMBING PLAN
C3.1	SITE STORM WATER CONTROL PLAN
C4.0	FIRE SERVICE SITE PLAN
C5	SIGNAGE, STRIPING, AND DIMENSION PLAN
C6	CIVIL DETAILS
C7	EROSION CONTROL PLAN
<b>LANDSCAPE</b>	
L1.1	IRRIGATION PLAN
L1.2	IRRIGATION DETAILS
L2.1	PLANTING PLAN
L2.2	PLANTING DETAILS
<b>ARCHITECTURAL</b>	
A1.11	PROPOSED SITE PLAN
A1.12	SOLID WASTE & RECYCLING MANAGEMENT PLAN
A3.01	EXISTING FIRST FLOOR PLAN
A3.02	EXISTING MEZZANINE PLAN
A3.11	PROPOSED FIRST FLOOR PLAN
A5.01	EXISTING ROOF PLAN
A5.11	PROPOSED ROOF PLAN
A6.01	EXISTING EXTERIOR ELEVATIONS
A6.11	PROPOSED EXTERIOR ELEVATIONS
<b>ELECTRICAL</b>	
E0.1	ELECTRICAL COVER SHEET
E1.0	SITE LIGHTING PLAN
E1.0P	SITE PHOTOMETRIC CALCULATION

**SYMBOL LEGEND**

**ROOM IDENTIFICATION**  
Room Name  
Room Number  
Sheet # Where Interior Elevations are Located

**KEY NOTE NUMBER**

**CONTROL POINT**

**GRID IDENTIFICATION**

**REVISION**

**NORTH ARROW**

**Project Title**

## SUMMIT SAN ALESO USE PERMIT APPLICATION

824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085

### SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

**Drawing Title**

## TITLE SHEET

Regulatory Agency Approval	Architect Seal
File Number	Drawing No
Application Number	A0.01
Project No.	128197
Date	12.01.17





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San Jose, CA 95111  
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Legend



PROJECT: J17074 DATE PLOT: 01-18-2019



DATE: \_\_\_\_\_

Key Plan

Project Title

**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

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Drawing Title

**SITE TOPOGRAPHIC SURVEY**

Regulatory Agency Approval

Architect Seal

File Number

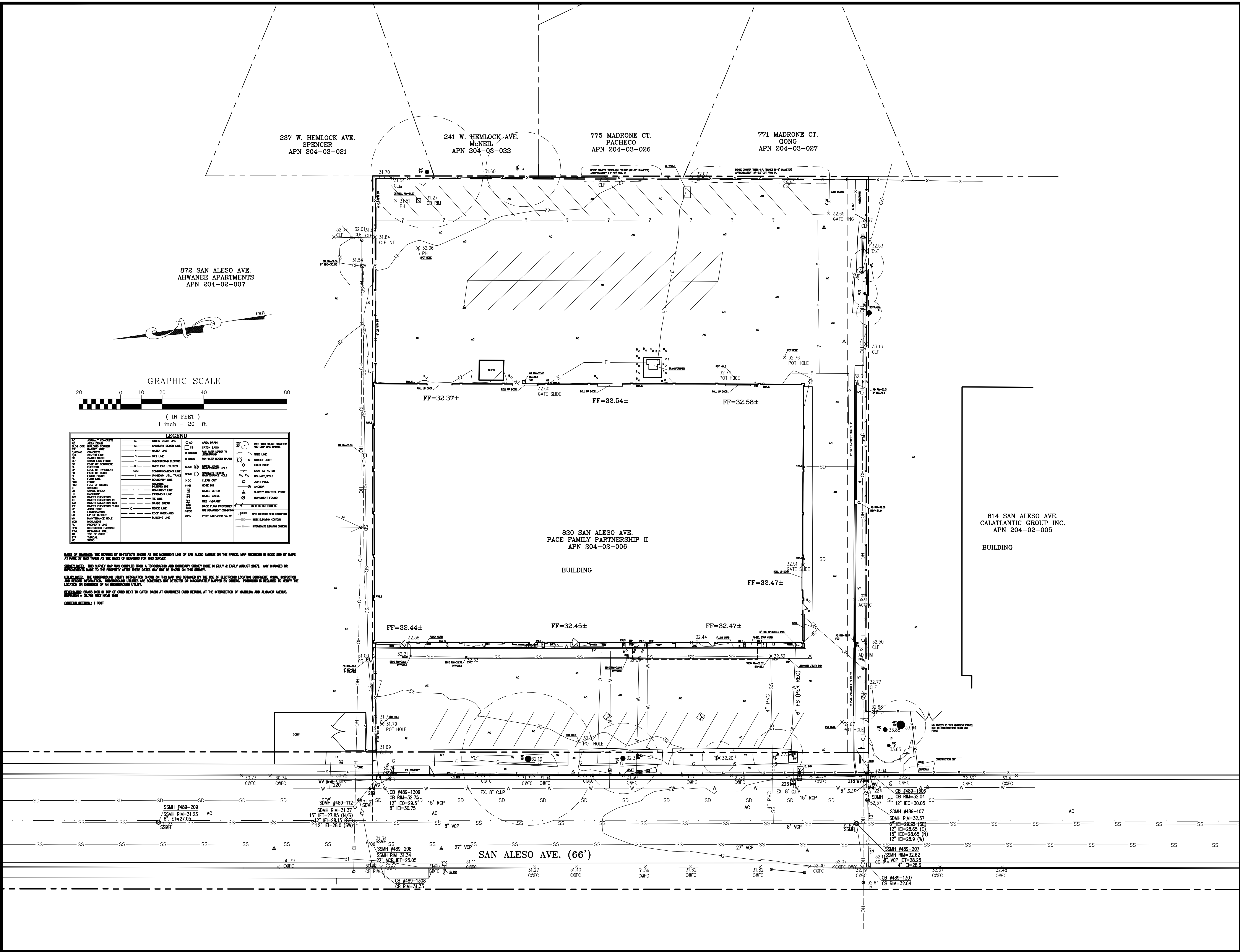
Drawing No

Application Number

Project No.  
**128197**

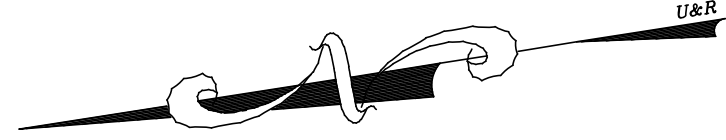
Date  
**12.01.17**

**CO**



872 SAN ALESO AVE.  
AHWANEE APARTMENTS  
APN 204-02-007

GRAPHIC SCALE  
( IN FEET )  
1 inch = 20 ft.



**LEGEND**

AC	ADULT CONCRETE	CL	CLEARING LINE	CL	CLIFF LINE	CL	CATCH BASIN
AD	ASPHALT DRIVE	CL	CLIFF INT	CL	CLIFF INT	CL	CLIFF INT
BA	BANK	CL	CLIFF INT	CL	CLIFF INT	CL	CLIFF INT
BA	BANK	CL	CLIFF INT	CL	CLIFF INT	CL	CLIFF INT
...	...	...	...	...	...	...	...

**SCALE OF BEARINGS:** THE BEARING OF ANY UTILITY SHOWN AS THE MOMENTARY LINE OF SAN ALESO AVENUE ON THE PARCEL MAP RECORDED IN BOOK 800 OF MAPS AT PAGE 27 WERE TAKEN AS THE BASIS OF BEARINGS FOR THIS SURVEY.

**GENERAL NOTE:** THIS SURVEY MAP WAS COMPILED FROM A TOPOGRAPHIC AND BOUNDARY SURVEY DONE IN JULY & EARLY AUGUST 2017. ANY CHANGES OR IMPROVEMENTS MADE TO THE PROPERTY AFTER THESE DATES MAY NOT BE SHOWN ON THIS SURVEY.

**UTILITY NOTES:** THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS MAP WAS OBTAINED BY THE USE OF ELECTRONIC LOCATING EQUIPMENT, MANUAL INSPECTION AND RECORD INFORMATION. UNDERGROUND UTILITIES ARE SOMETIMES NOT DETECTED OR INACCURATELY MAPPED BY OTHERS. FORTALINO IS REQUIRED TO VERIFY THE LOCATION OR EXISTENCE OF AN UNDERGROUND UTILITY.

**REMARKS:** BEARS TO BE AT TOP OF CURB NEXT TO CATCH BASIN AT SOUTHWEST CORNER RETURN, AT THE INTERSECTION OF MADRONE AND ALMOND AVENUE. ELEVATION = 32.755 FEET NAVD 83.

**COURT REPORT:** 1 FOOT



**ABANDONMENT NOTES:**

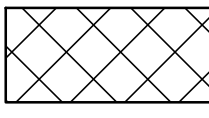






- SEWERS:**
1. Abandon in-place any un-used existing sanitary sewer lateral pipe from back of the curb to the sewer main.
  2. Any existing pipe occupying the same trench that will be used by a new line must be removed and cannot be abandoned in place.
  3. Any pipe to be abandoned, main line or service lateral, is to be separated to create a minimum of three feet separation from the nearest active main line segment.
  4. In the event of a service lateral disconnection from an active main, or an inactive main disconnection from an active main in the absence of a manhole, the active main shall be repaired as follows:
    - (a) If the original lateral connection was made with a factory "wye", then the "wye" is intact and undamaged shall be sealed appropriately to prevent material or water intrusion.
    - (b) If the original lateral connection was made in any other fashion besides a factory "wye" or the factory "wye" is damaged, then the active sewer main section shall be replaced to eliminate the existing connection point in order to adequately seal the main.
    - (c) The main section to be replaced shall extend to the nearest factory pipe "bell" or joint as applicable.
  5. Fill abandoned pipe with backfill material: sand, or controlled density fill (CDF) such as flowable fill, controlled low-strength material (CLSM), flowable mortar, plastic soil-cement, soil-cement slurry, or K-Krete. CDF must have unconfined compressive strength of 100 psi or less to allow for future excavation of the area.
  6. If sand is used to fill abandoned pipe, securely close each pipe end by installing a watertight plug of concrete, controlled density fill (CDF), controlled low-strength material (CLSM), flowable mortar, plastic soil-cement, soil-cement slurry, or K-Krete not less than two feet in length.
  7. Pipes to be abandoned that are non-continuous or broken by construction activity are to be repaired sufficiently to contain the selected abandonment backfill material. If such repairs are impractical or infeasible, the pipe(s) shall be removed and disposed.
  8. Seal un-used pipe(s) at the back of the curb per Green Book section 306-5 or to the city's satisfaction.
  9. Un-used pipes between the curb and the right-of-way are to be removed and disposed (not abandoned in place).
  10. Salvage and arrange the existing facilities (i.e., manhole covers, manhole frames, etc.) to be picked up by the City's Environmental Services Department by prior arrangement.
- WATER LINES:**
1. Coordinate with Environmental Services Department/Water Operations at 408-730-7900 for written notifications of water service interruption to all affected addresses 48-hours in advance.
  2. Excavate to expose water mains and/or service lines as needed for work to be performed by the City. City crews to perform all actual disconnection and repair work on active City water mains, including operation of isolating necessary valves. Coordinate with Public Works Inspector in advance to schedule City's work.
  3. Remove the valve cap and riser pipe 18-inches below grade. If the valve operating nut is less than the 18-inches below grade then the valve bonnet must be removed to acquire the necessary clearance for proper abandonment.
  4. Backfill and restore the roadway in accordance with City standards when work on the water main, valve or service is complete. Prior approval by the City is required for any after-hour inspections and/or shut downs.
  5. For fire hydrant abandonment: remove the hydrant bury, breakoff rise, and any other spools or pipe 24-inches below grade. The bury is to be capped or plugged. Abandonments of fire hydrants to be approved by the City's fire protection engineer prior to abandonment.
  6. Fill all water mains to be abandoned-in-place with sand/CLSM/concrete mix within the public right-of-way.
  7. For service lines less than 4" diameter:
    - (a) Remove or abandon unused existing water service lines in place. Any portion of the service line that is less than 18" below grade shall be removed to the city's satisfaction.
    - (b) For service lines 4" and larger in diameter:
      - (a) Remove or abandon unused existing water service lines in place. Any portion of the service line that is less than 18" below grade shall be removed to the city's satisfaction.
      - (b) Any service to be abandoned in place shall be filled with CLSM or other equivalent material and plugged with one-foot long concrete in both ends.
  9. Ensure that all pipelines to be abandoned have a minimum of a three foot separation from the live portion of the water main (a section removed) line for pipes 4" and larger in diameter. The end of the pipe shall be securely sealed at the pipe ends by installing a watertight plug of concrete not less than one foot thick.
  10. Coordinate with Public Works Inspector to ensure all domestic, fire and irrigation meters shall be removed and salvaged EXCLUSIVELY by the City and protected in place until City crews have removed them. After City removed the meters, remove entire box/vault and properly complete the backfill in accordance with City standards and requirements.

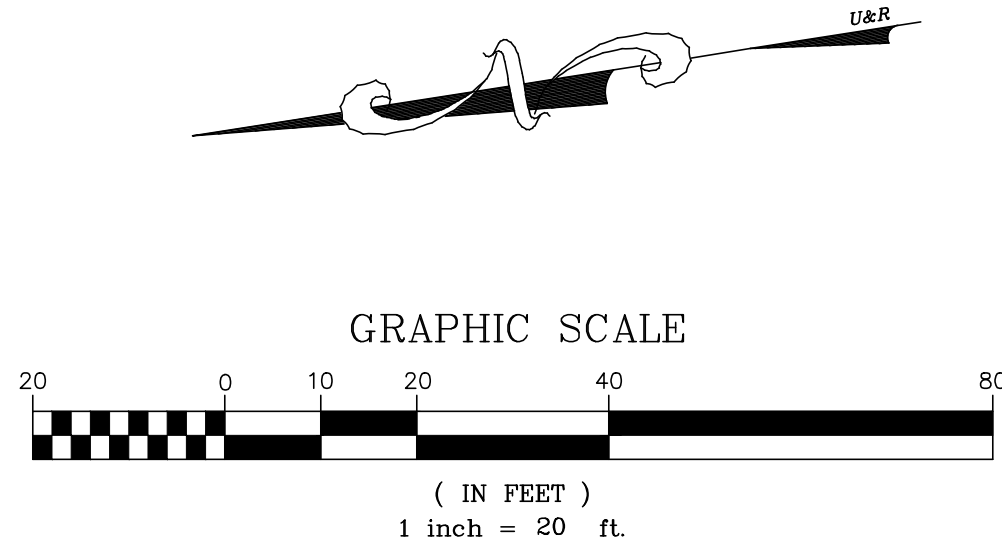
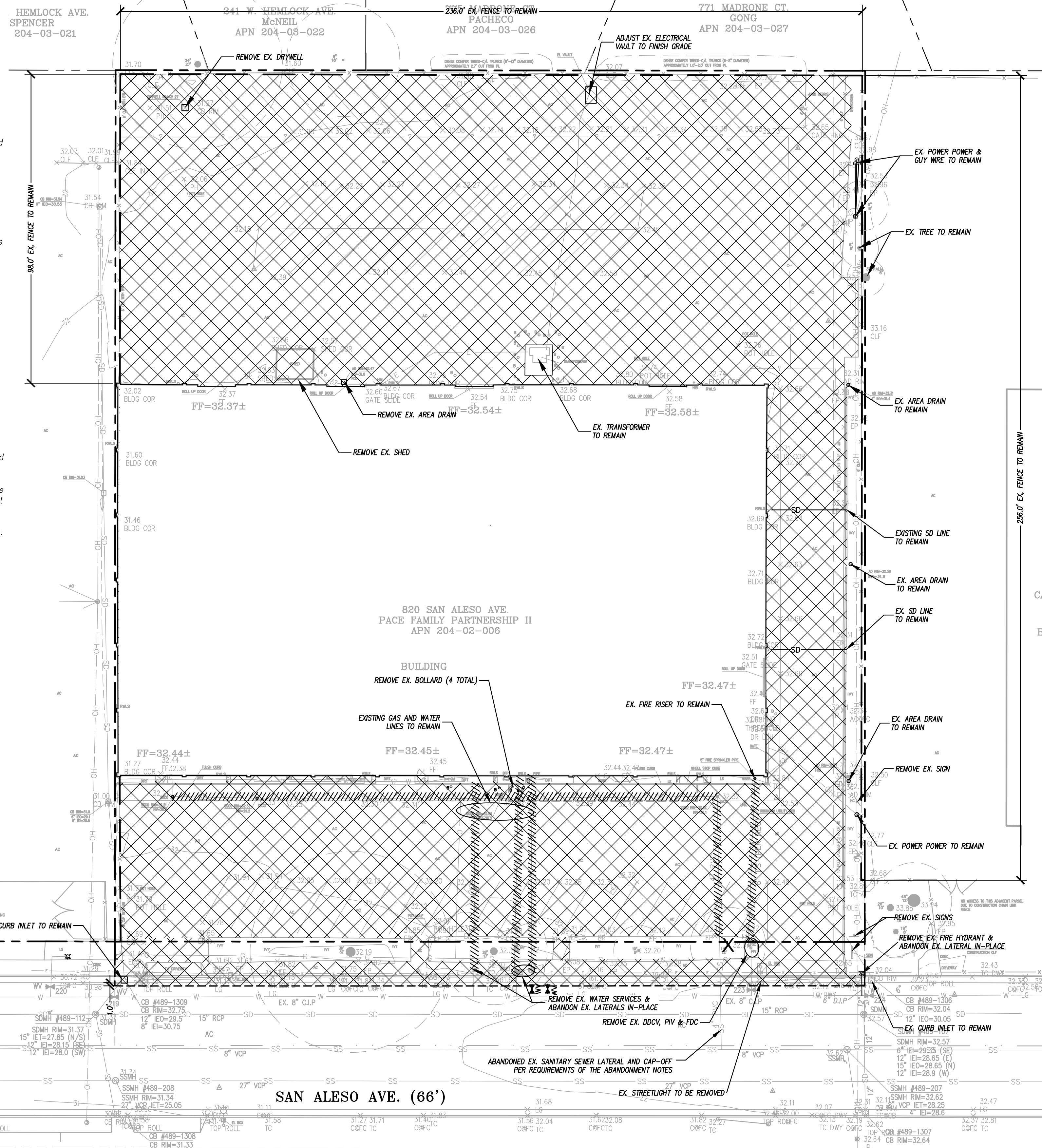
- GENERAL:**
1. Coordinate with City to properly remove or abandon in place unused existing City utility service lines discovered that were left in place by others.
  2. Contact utility companies for removal, abandonment, adjustment or relocation of their facilities.
  3. See demolition plans for removal of on-site improvements.
  4. Contractor is responsible for verifying the location of any existing utilities.
  5. Maintain and provide redline improvement plans to the engineer of record to identify all facilities that have been abandoned in place or removed for record drawings.

**GENERAL NOTES**

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.
2. ANY INCONSISTENCIES IN EXISTING OR PROPOSED ELEVATIONS SHALL BE BROUGHT TO THE NOTICE OF THE OWNER'S REPRESENTATIVE FOR RESOLUTION PRIOR TO CONSTRUCTION OR AS SOON AS DISCOVERED.
3. IN THE EVENT THAT ANY UNKNOWN UNDERGROUND TANKS OR STRUCTURES OR UTILITY LINES ARE DISCOVERED ON THE SITE, THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE TO DETERMINE THE DISPOSITION OF THE STRUCTURE.
4. CONTRACTOR SHALL IMPORT REQUIRED MATERIALS OR EXPORT EXCESS AS REQUIRED TO ESTABLISH PLAN GRADES. EXCESS MATERIAL IF ANY SHALL BE DISPOSED OFF-SITE IN A LEGAL MANNER AT CONTRACTOR'S EXPENSE.
5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.

**DEMOLITION LEGEND**

-  REMOVE EXISTING PAVEMENT
-  REMOVE EXISTING TREE
-  REMOVE EXISTING CURB
-  REMOVE EXISTING FENCE
-  REMOVE EXISTING UNDERGROUND UTILITY
-  LIMIT OF SITE DEMOLITION, CLEARING AND GRADING
-  SAW CUT LINE
- AC ASPHALT CONCRETE
- AD AREA DRAIN
- CB CATCH BASIN
- CO CLEAN OUT
- CONC. CONCRETE
- EX, EXIST. EXISTING
- TYP. TYPICAL



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Legend



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(408) 453-1222 www.uandr.com

PROJECT: J17074 DATE PLOT: 01-18-2019



Key Plan

Project Title

**SUMMIT SAN ALESO**

USE PERMIT APPLICATION

824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085

SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

**SITE DEMOLITION PLAN**

Regulatory Agency Approval

Architect Seal

File Number

Application Number

Project No. 128197

Date 12.01.17

Drawing No

**C1**





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- ### GENERAL NOTES
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  5. EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.

### GRADING & PAVING LEGEND

- NEW CAR LIFT CONCRETE SLAB - THICKENED SECTION  
(6" REINFORCED PCC ON 12" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- NEW CONCRETE SLAB  
(4" REINFORCED PCC ON 12" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- NEW AC PAVEMENT  
(3" AC ON 12" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))
- BIO-RETENTION (1&2 C3.1)
- NEW PERVIOUS CONCRETE (18 C6)
- NEW PERVIOUS CONCRETE PAVER (SEE ARCHITECTURAL PLANS)
- LIMIT OF GRADING
- SAW CUT LINE
- DRAINAGE FLOW LINE
- GRADE BREAK LINE
- RIDGE LINE
- AC ASPHALT CONCRETE
- AD AREA DRAIN
- C, PCC, CONC. PORTLAND CEMENT CONCRETE
- CB CATCH BASIN
- CO, CO2, SDOCO, SSSCO CLEAN OUT TO GRADE
- EX, EXIST. EXISTING
- FF FINISH FLOOR
- FH FIRE HYDRANT
- FL FLOW LINE
- G GROUND
- GB GRADE BREAK
- JB JUNCTION BOX
- SDMH STORM DRAIN MAINTENANCE HOLE
- SSMH SANITARY SEWER MAINTENANCE HOLE
- TC TOP OF CURB
- TW TOP OF WALL
- TYP. TYPICAL

Legend

PROJECT: J17074 DATE PLOT: 01-18-2019

DATE: \_\_\_\_\_

Key Plan

Project Title

## SUMMIT SAN ALESO

USE PERMIT APPLICATION

824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085

SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
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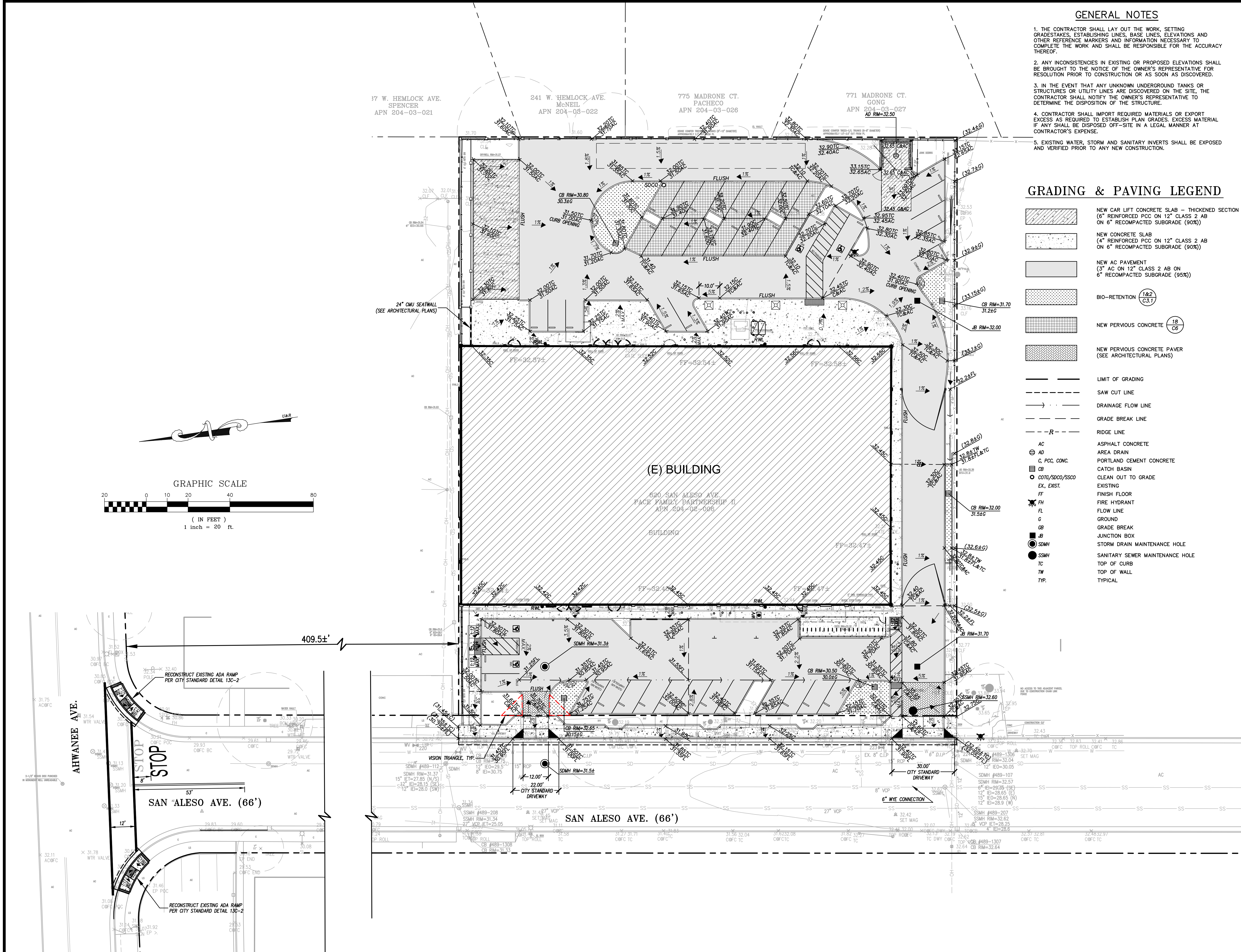
Drawing Title

## GRADING & PAVING PLAN

Regulatory Agency Approval

Architect Seal

File Number	Drawing No
Application Number	C2
Project No.	
Date	





**CITY OF SUNNYVALE  
REQUIRED NOTES FOR SANITARY SEWER SYSTEMS CONSTRUCTION PLANS**

- All work shall be in accordance with the most recent editions of the City of Sunnyvale Standards; and Standard Specifications for Public Works Construction (SSPC) (Greenbook) and Supplemental Amendments, most current editions.
- The Contractor must secure approval from the City prior to backfill over any sewer line. 24 hour advanced notice required.
- No revisions shall be made to these plans without the approval of the City.
- No disruption to existing sewer services shall be allowed during connections to existing mains without the expressed approval of the City.
- The Contractor shall notify the Underground Service Alert 48 hours prior to starting excavation so that existing sewer facilities may be marked in the field. (UNDERGROUND SERVICE ALERT: 800-227-2600 or 811).
- Potholing location and elevation of existing sewer facilities shall be confirmed by field measurements and excavation exploration by the Contractor, in the presence of the City after a two (2) working day notice prior to the beginning of new work. This shall allow time to permit revision of plans, as necessary, because of conflicts with other facilities.
- The contractor is responsible for field verification of the accuracy of the information provided. The existence and location of sewer facilities shown on these plans were obtained from available City records. The City of Sunnyvale does not guarantee the accuracy of these records.
- The City shall be notified at least two (2) working days prior to commencing work on the sewers. To arrange for inspection call the City at (408) 730-7605.
- All sewer lateral connections shall be placed prior to surfacing of streets and other surface restorations.
- All new and rehabilitated manholes are to be coated in accordance with the City Standard Specifications and Details.
- All manhole covers for public sewer systems shall be manufactured with "SANITARY SEWER" stamped on top of the manhole covers.
- All sewer mains shall be inspected by closed circuit television at the Contractor's expense prior to final acceptance. The inspection shall take place after completion of trench backfill and finish grading but prior to the placement of pavement or permanent trench resurfacing to determine the existence and extent of any obstructions, structural deficiencies, sags, or foreign material. Both a verbal description and a written manuscript of the inspection shall be submitted to the City for review and approval prior to final acceptance. The CCTV inspection shall meet the requirements of TELEVISION SEWER MAINS in the City Design Standards.
- All sewer mains shall pass a 95 percent mandrel test and air pressure test per the manufacturer's requirements, prior to street paving, but after all other utilities have been completed, backfilled, tested, and testing certified compaction approved.
- Plastic sewer pipe shall be bedded in strict accordance with City of Sunnyvale Standard Drawing 16A-1. Bedding shall remain undisturbed by subsequent construction.
- PVC pipe shall be stored on a flat surface so the barrel is evenly supported. Do not stack pipe higher than four (4) feet. Pipe shall not be exposed to direct sunlight while being stored. Gaskets shall be stored in a cool, dark place out of contact with oil or grease.
- Existing sewer mains shall not be used for discharge of storm waters, drainage, or other similar uses per City of Sunnyvale Municipal code 12.12.020 and California State Water Quality Control Board.
- During any activity or work around, or in, an existing sewer line, the contractor at their expense, shall protect against debris entering the system by installing "traps" in the outlet side of the closest manhole. The "traps" and their location shall be submitted to the City for approval. The "traps" shall remain in place until all requirements (testing, cleaning, videotaping, etc.), have been completed and approved.
- Upon activation of a sewer line, the Contractor at their expense shall protect the line from foreign material by installing plywood over the manhole base until all grading, paving, and manhole raising is complete and accepted by the City.
- The inside and outside of the pipe shall be clean and free from foreign material of any kind before being installed.
- Three (3) inch minimum width green color coded (per USA Mark Out System) detectable tape marked "SEWER" in 1-1/2 inch black letters shall be placed on the compacted and graded bedding material within one (1) foot above and centered over the sewer main prior to backfilling the trench.
- All water discharge from cleaning, CCTV inspection, and other activities shall comply with all requirements of the City of Sunnyvale Municipal Code, California Regional Water Quality Control Board-San Francisco Bay Region (RWQCB), along with any other jurisdictional regulatory agencies.

**GENERAL NOTES**

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- EXISTING WATER, STORM AND SANITARY INVERTS SHALL BE EXPOSED AND VERIFIED PRIOR TO ANY NEW CONSTRUCTION.
- PLUMBING CONTRACTOR TO PROVIDE TRACER WIRES ON ALL BURIED PLASTIC PIPING.
- VALVE BOXES TO BE CHRISTY 10"x17" WITH BALL VALVES. BALL VALVES TO BE SET 12" BELOW GRADE. WATER LINES TO BE SET 24" BELOW GRADE.
- UTILITY POINTS OF CONNECTION ARE 5' OUTSIDE OF BUILDING. SEE MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY CONNECTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATIONS OF ALL EXISTING UTILITIES IN THE FIELD.
- ALL UTILITY TRENCHES SHOULD BE BACKFILLED WITH COMPACTED FILL IN ACCORDANCE WITH LOCAL REQUIREMENTS OR THE RECOMMENDATIONS IN THE SOILS REPORT. FILL MATERIAL SHOULD BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN UNCOMPACTED THICKNESS AND SHOULD BE COMPACTED TO AT LEAST 90 PERCENT RELATIVE COMPACTION (ASTM D-1557, LATEST EDITION) BY MECHANICAL MEANS ONLY, EXCEPT WHERE LOCAL REQUIREMENTS SPECIFY HIGHER REQUIREMENTS. IF IMPORTED SAND IS USED AS BACKFILL, THE UPPER THREE FEET IN BUILDING AND PAVEMENT AREAS SHALL BE COMPACTED TO 95 PERCENT. THE UPPER 6 INCHES OF BACKFILL IN ALL PAVEMENT AREAS SHALL BE COMPACTED TO AT LEAST 95 PERCENT RELATIVE COMPACTION.



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**Legend**



PROJECT: J17074 DATE PLOT: 01-18-2019



DATE: \_\_\_\_\_

**PLUMBING LEGEND**

- BIO-RETENTION (1&2 / C3.1)
- NEW PERVIOUS CONCRETE (18 / C6)
- NEW STORM DRAIN  
SIZE AND SLOPE AS INDICATED
- NEW RAIN WATER LEADER @ S=0.02 MIN.  
SIZE AND SLOPE AS INDICATED
- NEW SANITARY SEWER (SIZE AS INDICATED)  
S=0.01 UNLESS OTHERWISE INDICATED
- NEW WATER LINE (SIZE AS INDICATED)
- NEW FIRE SERVICE LINE (SEE SHEET C4)
- NEW PVC SUBDRAIN (SIZE AS INDICATED)
- NEW GAS LINE (SEE MECHANICAL DRAWINGS)
- NEW ELECTRICAL LINE (SEE ELECTRICAL DRAWINGS)
- AREA DRAIN
- CATCH BASIN
- JUNCTION BOX
- STORM DRAIN MAINTENANCE HOLE
- SANITARY SEWER MAINTENANCE HOLE
- RAIN WATER LEADER
- CLEAN OUT TO GRADE
- WATER VALVE
- WATER METER
- BACK FLOW PREVENTER
- FIRE HYDRANT
- DUCTILE IRON PIPE
- EX, EXIST.
- FINISH FLOOR
- HDPE
- INV
- EO
- ET
- PVC
- RCP
- SS
- SD
- TYP.
- W, DW

**Key Plan**

**Project Title**

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

**Drawing Title**

**SITE PLUMBING PLAN**

**Regulatory Agency Approval**

**Architect Seal**

**File Number**

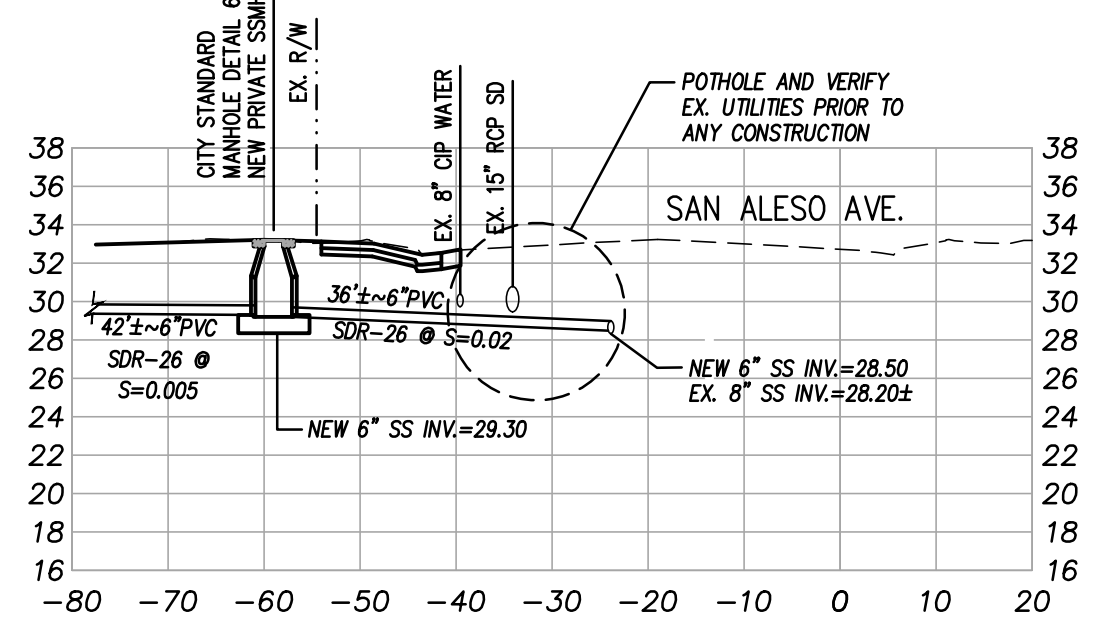
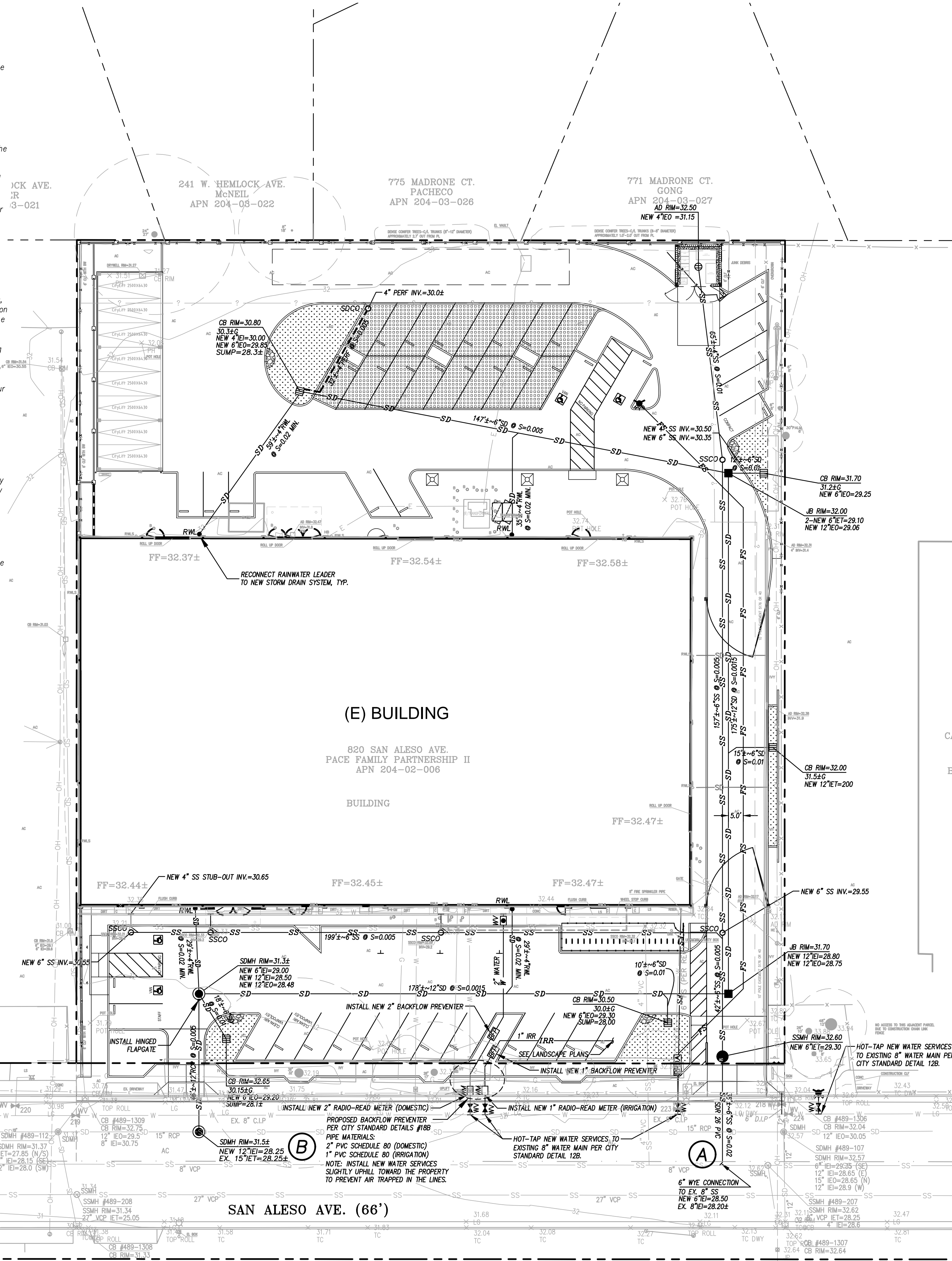
**Drawing No**

**Application Number**

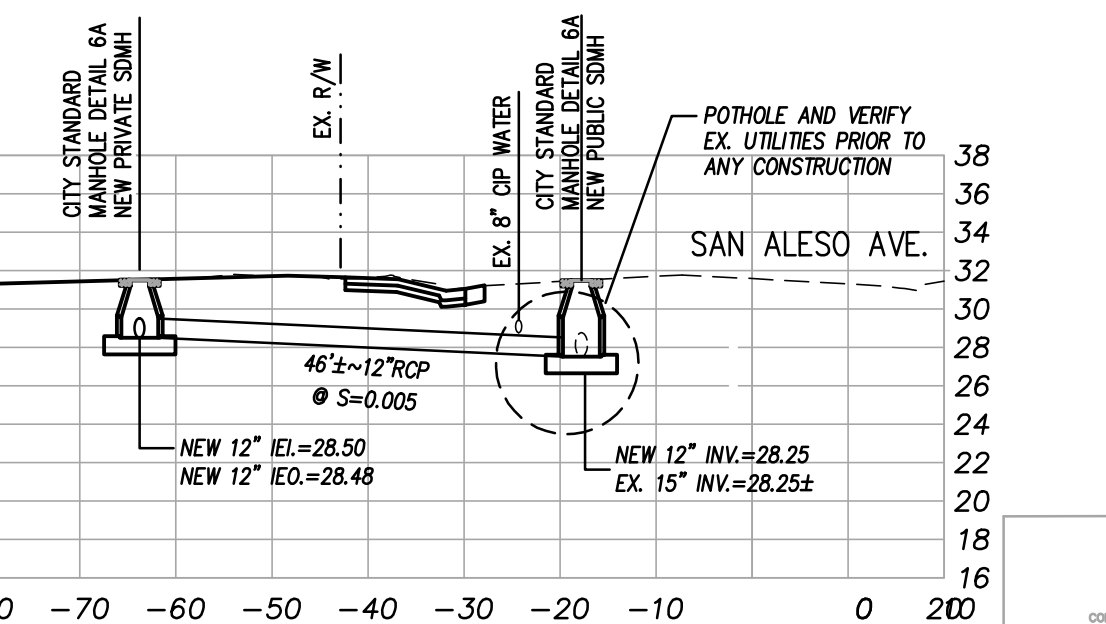
**Project No.**

**Date**

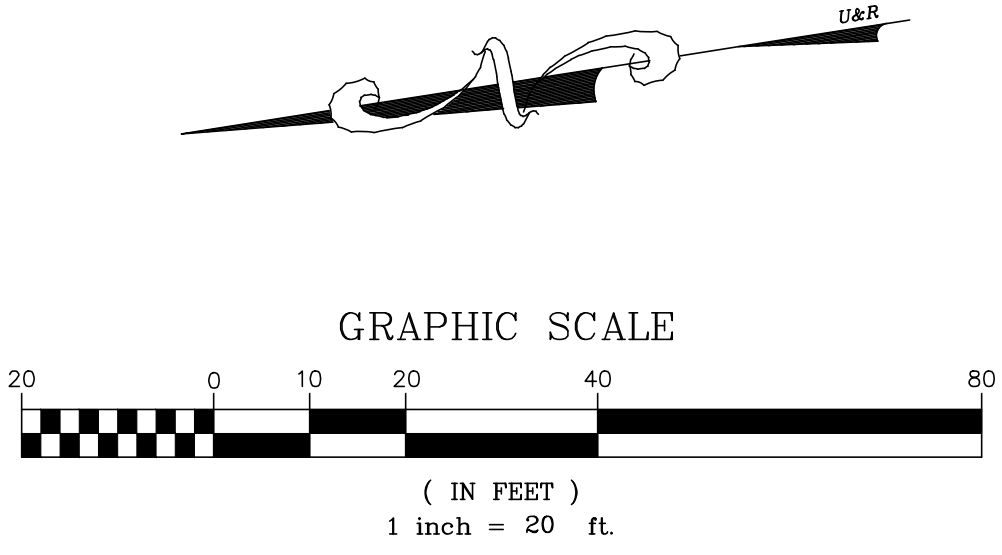
**C3.0**



**(A) SEWER LATERAL CROSS SECTION**  
H: 1"=20' V: 1"=10'



**(B) STORM LATERAL CROSS SECTION**  
H: 1"=20' V: 1"=10'





# ARTiK

ART & ARCHITECTURE

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Legend



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PROJECT: J17074 DATE PLOT: 01-18-2019



DATE: \_\_\_\_\_

Key Plan

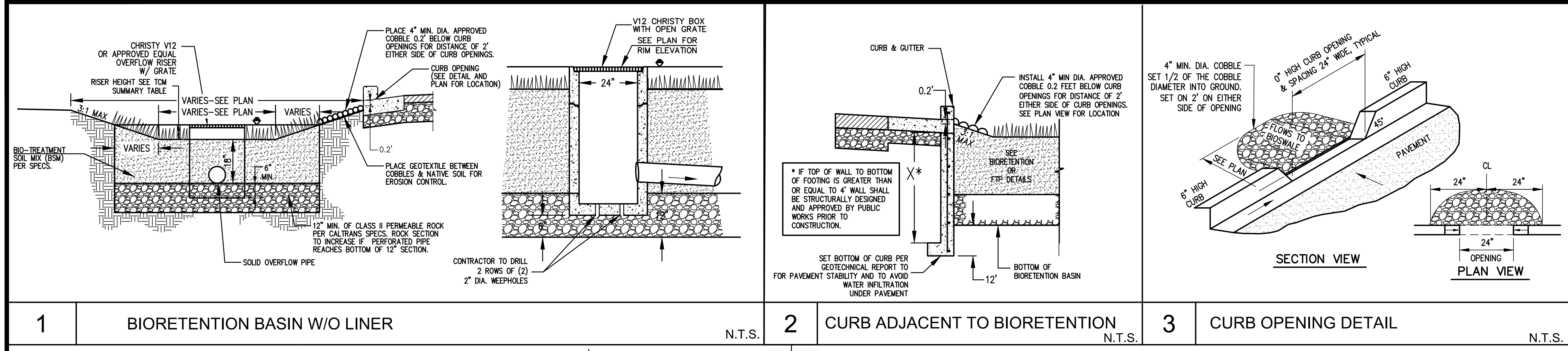
Project Title  
**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
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6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title  
**SITE STORMWATER CONTROL PLAN**

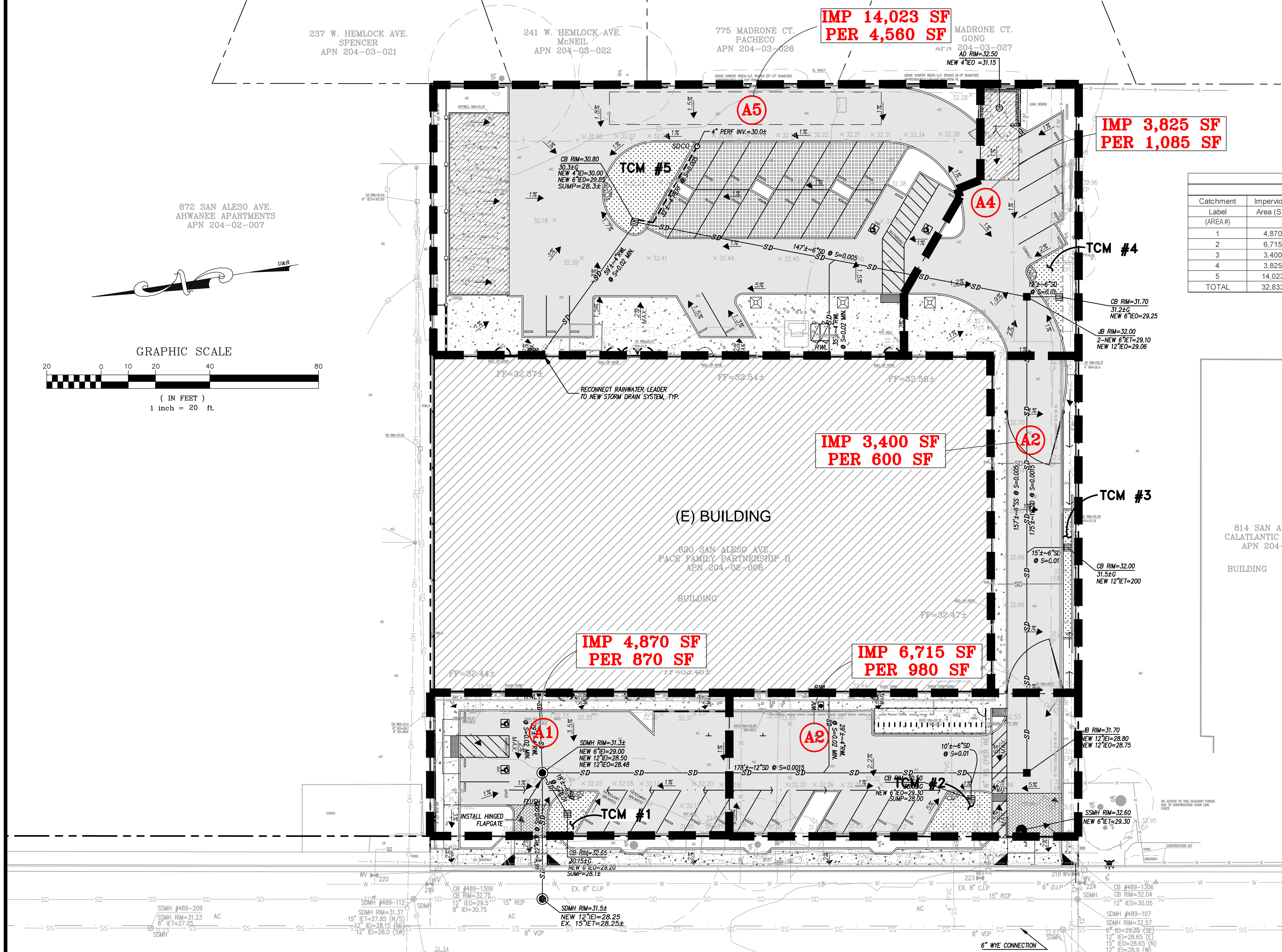
Regulatory Agency Approval \_\_\_\_\_ Architect Seal \_\_\_\_\_

File Number	Drawing No
Application Number	<b>C3.1</b>
Project No.	
Date	



**LEGEND & ABBREVIATION**

- TCM #**  
BIO-RETENTION - INFILTRATION ALLOWED (1-2)
- NEW CAR LIFT CONCRETE SLAB - THICKENED SECTION (6" REINFORCED PCC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
  - NEW CONCRETE SLAB (4" REINFORCED PCC ON 4" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
  - NEW AC PAVEMENT (3" AC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))
  - NEW PERVIOUS CONCRETE (18 C6)
  - NEW PERVIOUS CONCRETE PAVER (SEE ARCHITECTURAL PLANS)
- IMP IMPERVIOUS  
PER PERVIOUS  
SF SQUARE FEET  
TMC TREATMENT CONTROL MEASURE



TCM SUMMARY TABLE  
DRAINAGE AREA CALCULATIONS

Catchment Label (AREA#)	Impervious Area (SF)	Pervious Area (SF)	Total Area (SF)	Treatment Required Area (SF)	Treatment Provided Area (SF)	Type
1	4,870	870	5,740	195	200	BIO-RETENTION
2	6,715	980	7,695	269	310	BIO-RETENTION
3	3,400	600	4,000	136	140	BIO-RETENTION
4	3,825	1,085	4,910	153	200	BIO-RETENTION
5	14,023	4,560	18,583	561	650	BIO-RETENTION
TOTAL	32,833	8,095	40,928	1,313	1,500	

**IMP 14,023 SF  
PER 4,560 SF**

**IMP 3,825 SF  
PER 1,085 SF**

**IMP 3,400 SF  
PER 600 SF**

**IMP 4,870 SF  
PER 870 SF**

**IMP 6,715 SF  
PER 980 SF**





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Legend



PROJECT: J17074 DATE PLOT: 01-18-2019



Key Plan

Project Title  
**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
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Drawing Title  
**SITE FIRE SERVICE PLAN**

Regulatory Agency Approval

Architect Seal

File Number	-	Drawing No	-
Application Number	-	Project No.	128197
Date	12.01.17		

C4.0

**GENERAL NOTES**

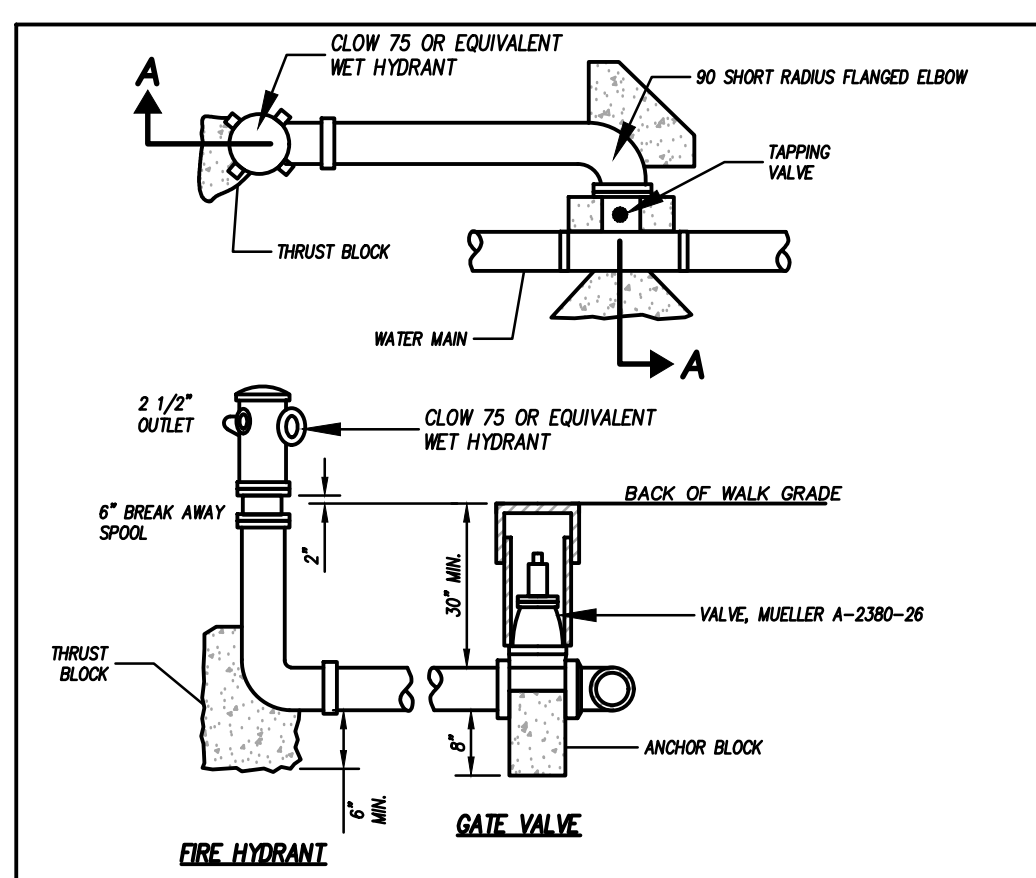
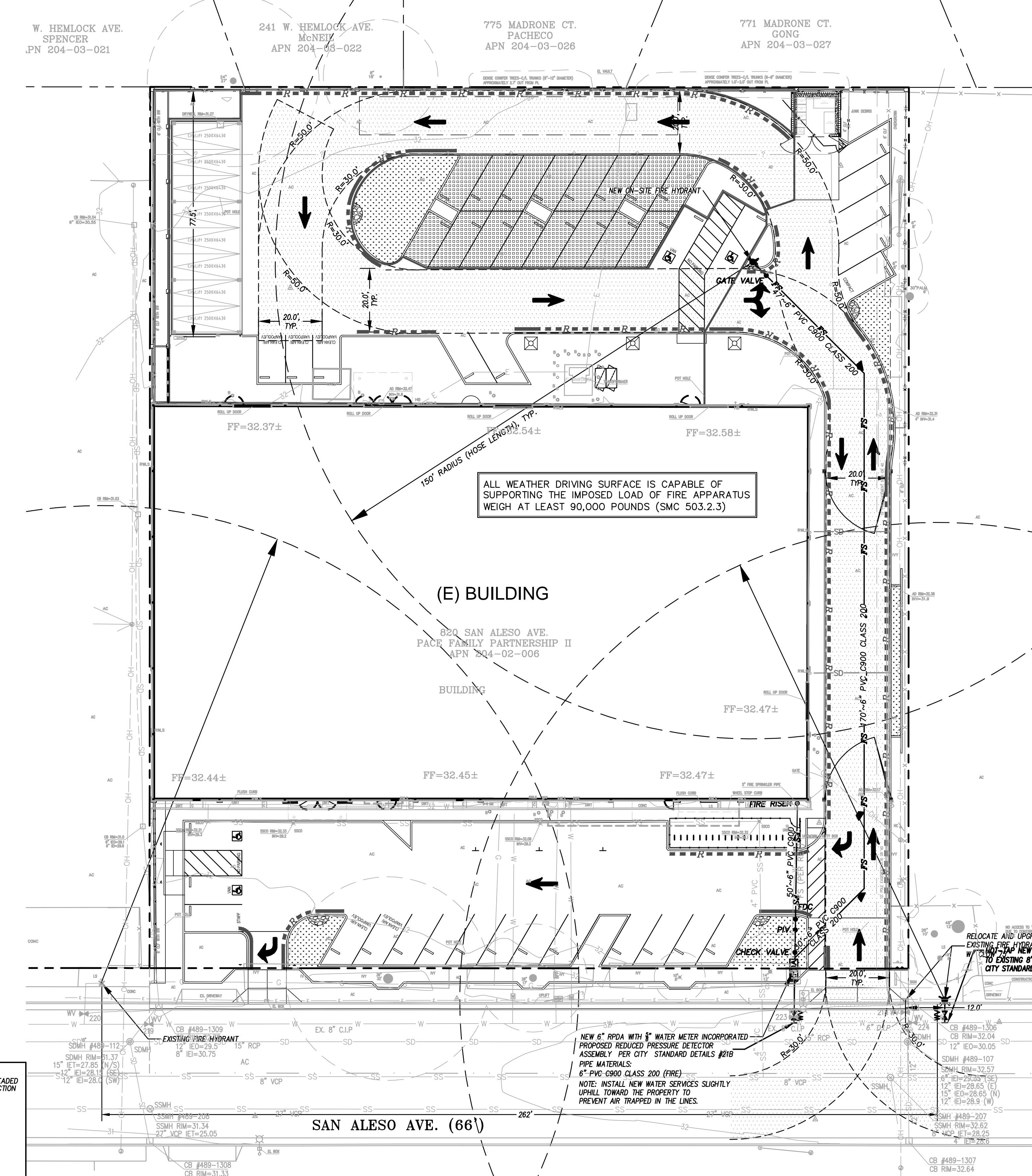
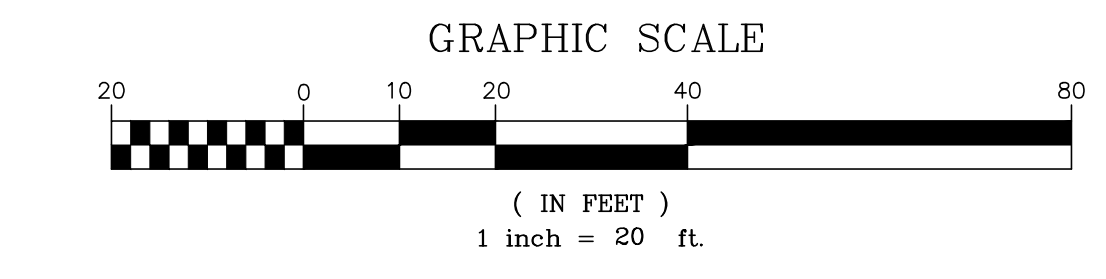
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6. PLUMBING CONTRACTOR TO PROVIDE TRACER WIRES ON ALL BURIED PLASTIC PIPING.

**UNDERGROUND FIRE SERVICE TO FIRE HYDRANTS REQUIREMENTS:**

- NFPA 24 SEC. 4.1 THE UNDERGROUND FIRE SERVICE PLANS SHALL BE DRAWN TO SCALE AND SHALL INCLUDE ALL ESSENTIAL DETAILS, SUCH AS:
- A) SIZE AND LOCATION OF ALL WATER SUPPLIES.
  - B) SIZE AND LOCATION OF ALL PIPING, INDICATING, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND TYPE OF NEW PIPE TO BE INSTALLED, AND THE DEPTH TO WHICH IT IS TO BE BURIED.
  - C) SIZE, TYPE, AND LOCATION OF VALVES, INDICATE IF LOCATED IN PIT OR IF OPERATION IS BY POST INDICATOR OR KEY WRENCH THROUGH A CURB BOX. INDICATE THE SIZE, TYPE, AND LOCATION OF METERS, REGULATORS, AND CHECK VALVES.
  - D) SIZE AND LOCATION OF HYDRANTS, SHOWING SIZE AND NUMBER OF OUTLETS AND IF OUTLETS ARE TO BE EQUIPPED WITH INDEPENDENT GATE VALVES.
  - E) SPRINKLER AND STANDPIPE RISERS TO BE SUPPLIED BY THE SYSTEM.
  - F) LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.
- NFPA 24 SEC. 10.1 ALL FERROUS METAL PIPE SHALL BE LINED, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD-COATED AND WRAPPED AFTER ASSEMBLY, FOR BURIED PIPE, GALVANIZING, INTERNALLY OR EXTERNALLY DOES NOT MEET THE REQUIREMENTS OF THIS SECTION.
- NFPA 24 SEC. 10.3.5.2 ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION-RETARDING MATERIAL AFTER INSTALLATION.
- NFPA 24 SEC. 10.8.3.5 AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES EXCEPT THRUST BLOCKS, SHALL BE CLEANED AND THOROUGHLY COATED WITH A BITUMINOUS OR OTHER ACCEPTABLE CORROSION-RETARDING MATERIAL.
- NFPA 24 SEC. 10.8.2 THRUST BLOCKS SHALL BE OF CONCRETE MIX NOT LEANER THAN ONE PART CEMENT, TWO AND ONE-HALF PARTS SAND, AND FIVE PARTS STONE. THRUST BLOCKS SHALL BE PLACED BETWEEN UNDISTURBED EARTH AND THE FITTING TO BE RESTRAINED, AND SHALL BE OF SUCH BEARING AS TO ENSURE ADEQUATE RESISTANCE TO THE THRUST TO BE ENCOUNTERED. IN GENERAL, THRUST BLOCKS SHALL BE SO PLACED THAT THE JOINS WILL BE ACCESSIBLE FOR INSPECTION AND REPAIR.
- NFPA 24 SEC. 10.10.2.1 UNDERGROUND MAINS SHALL BE COMPLETELY FLUSHED TO REMOVE FOREIGN MATERIALS THAT MIGHT HAVE ENTERED THE MAIN DURING THE COURSE OF THE INSTALLATION PER TABLE 9-1.1 TO PRODUCE A VELOCITY OF 10 FT. PER SECOND IN PIPES. (WITNESSED BY THE INSPECTOR OF RECORD.)
- NFPA 24 SEC. 10.10.2.2 ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHALL BE RESTED HYDROSTATICALLY AT NOT LESS THE 200-PSI PRESSURE FOR A MINIMUM OF TWO HOURS. (WITNESSED BY THE INSPECTOR OF RECORD.)
- NFPA 24 SEC. 10.10.1 BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE INSPECTOR OF RECORD, THE INSTALLING COMPANY SHALL FURNISH A CONTRACTOR'S MATERIAL AND TEST CERTIFICATE TO BE SUBMITTED TO DSA. A TYPICAL CERTIFICATE IS SHOWN IN FIGURE 10.10.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (IOR) WHO WILL TURN-IN FOR DSA RECORDS.
- NFPA 24 SEC. 10.4 THE DEPTH OF COVER OVER WATER PIPES SHALL BE NOT LESS THAN 2 1/2 FT. TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FT. OVER DRIVEWAYS.
- NFPA 24 SEC. 10.6.1 PIPE SHALL NOT BE RUN UNDER BUILDINGS.
- \* DESIGN & INSTALLATION TO COMPLY WITH 2013 NFPA 24.
- THE FOLLOWING SECTIONS OF THE STANDARD SITWORK SPECIFICATIONS FOR THE CONSTRUCTION OF THIS PROJECT ARE APPLICABLE TO THE WORK SHOWN ON THIS DRAWING:
- SECTION 3123331 - TRENCHING, BACKFILLING, AND COMPACTING  
SECTION 331100 - WATER DISTRIBUTION SYSTEM

**FIRE SERVICE LEGEND**

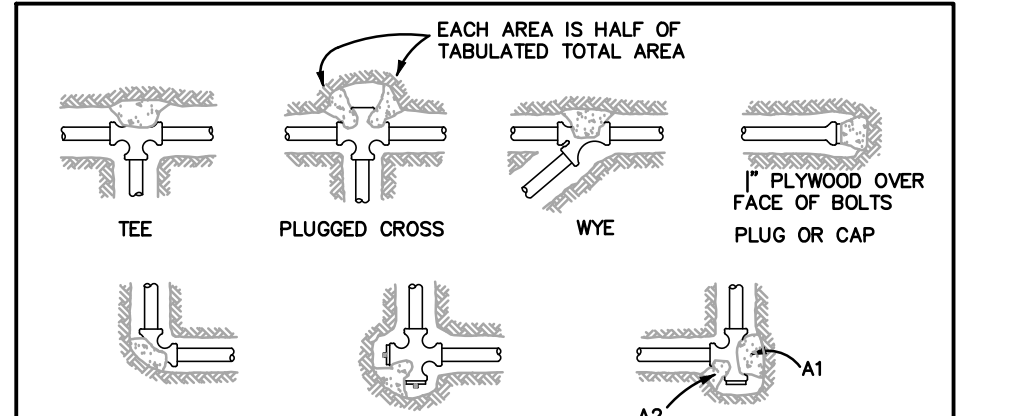
- FS- NEW FIRE SERVICE LINE (SIZE AS INDICATED)
- CV ● CHECK VALVE
- FDC ● FIRE DEPARTMENT CONNECTION
- FIRE RISER ● FIRE RISER
- GATE VALVE ● GATE WATER VALVE
- PIV ● POST INDICATOR VALVE
- DDCV ● DOUBLE DETECTOR CHECK VALVE
- BFP ● BACK FLOW PREVENTER
- THRUST BLOCK ● THRUST BLOCK
- FIRE HYDRANT ● FIRE HYDRANT
- SD ● EXISTING STORM DRAIN LINE
- SS ● EXISTING SANITARY SEWER LINE
- W ● EXISTING WATER LINE
- FS ● EXISTING FIRE SERVICE
- G ● EXISTING GAS LINE
- E ● EXISTING UNDERGROUND ELECTRIC
- T ● EXISTING TELEPHONE LINE
- TH ● EXISTING OVERHEAD UTILITIES
- R--- PAINT CURB RED (NO PARKING FIRE LANE)



**NOTES:**

1. Use rubber gasket type joints throughout hydrant assembly except where otherwise indicated.
2. Hydrant shall be given 3 coats of exterior yellow paint, conforming to Federal Color Specification TT-C-595, color no. 1305. Paint shall be heavy duty plastic industrial enamel.
3. When standing in the centerline of the street facing the hydrant, the valve should be toward the observer's right. This method to be used only where applicable (Type B).
4. Approved hydrants must be Fire Underwriters Listed, Greenberg 75 or approved equal for residential, Greenberg 76, Rich 760 or approved equal for commercial or industrial. The 2 1/2" outlet shall have National Standard Hose Threads. The steamer outlet shall be 4" California Standard Hose thread.
5. Orient ports of Two Port Hydrants 45DEG to F.O.C. Orient the 4" port on three port hydrants perpendicular to and facing F.O.C.
6. A Brooks Products 3RT valve box with word "WATER" to be furnished and installed with each valve.

**ON-SITE FIRE HYDRANT ASSEMBLY**  
N.T.S.



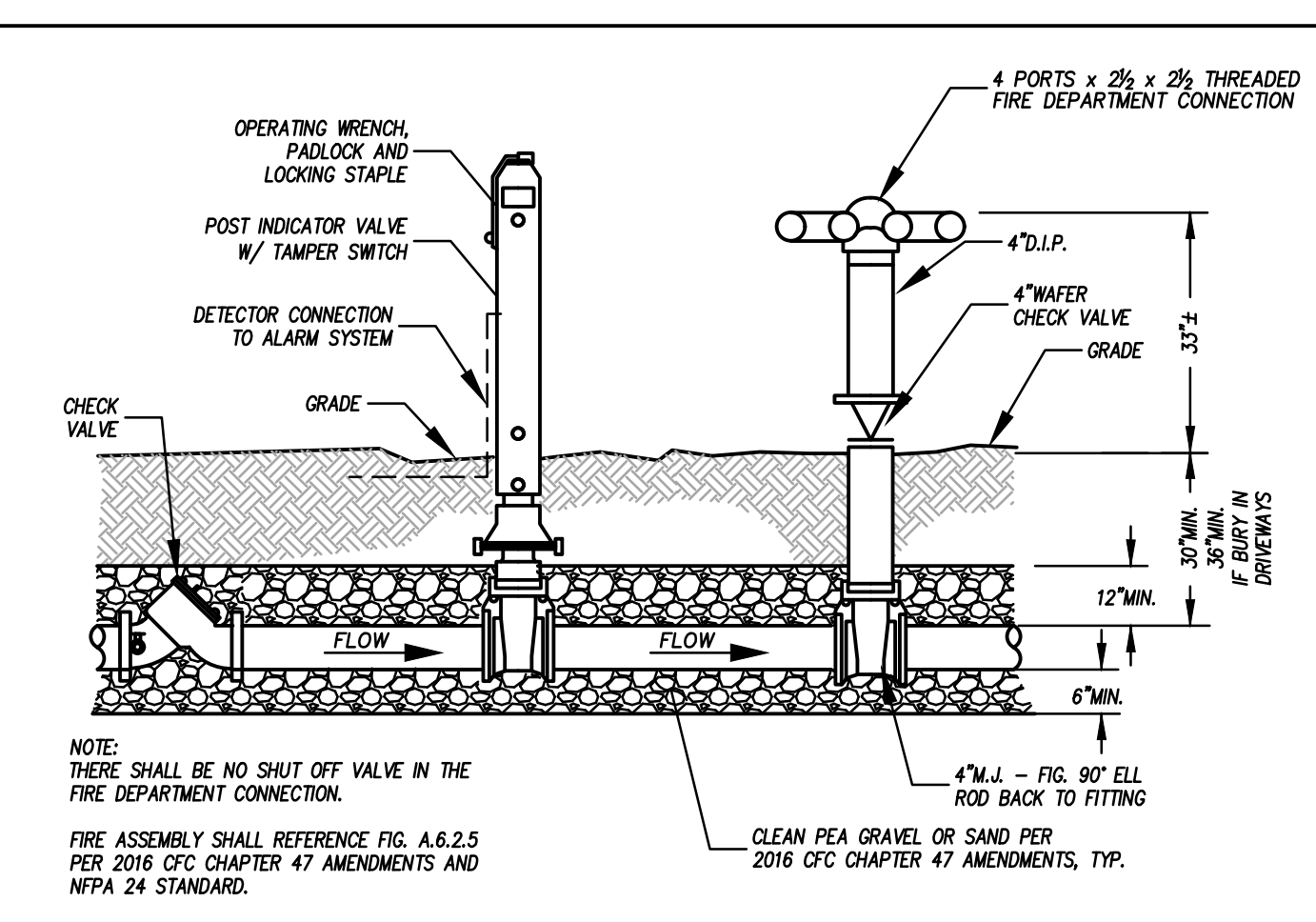
**NOTES:**

1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
3. THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCLOSED ON THE PLANS; e.g. (C) INDICATES 15 SQUARE FEET BEARING AREA REQUIRED.
4. IF NOT SHOWN ON PLANS REQUIRED BEARING AREAS AT FITTING SHALL BE AS INDICATED BELOW, ADJUSTED IF NECESSARY, TO CONFORM TO THE TEST PRESSURE(S) AND ALLOWABLE SOIL BEARING STRESS(ES) STATED IN THE SPECIAL SPECIFICATIONS.
5. BEARING AREAS AND SPECIAL BLOCKING DETAILS SHOWN ON PLANS TAKE PRECEDENCE OVER BEARING AREAS AND BLOCKING DETAILS SHOWN ON THIS STANDARD DETAIL.

FITTING SIZE	TEE		90° BEND		WYE		PLUGGED CROSS		TEE PLUGGED ON RUN		45° BEND		22.5° BEND		11.25° BEND	
	PLUG OR CAP	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS	PLUGGED CROSS
4	1.0	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4
6	2.1	3.0	4.3	3.0	1.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
8	3.8	5.4	7.8	5.4	2.9	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6
10	5.9	8.4	11.8	8.4	4.6	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4	2.4
12	8.5	12.0	17.0	12.0	6.6	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4
14	11.5	16.3	23.0	16.3	8.9	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6	4.6
16	15.0	21.3	30.0	21.3	11.6	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
18	19.0	26.3	38.0	26.3	14.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
20	23.5	33.3	47.0	33.3	18.1	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
24	34.0	48.0	68.0	48.0	26.2	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6

**NOTE:** ABOVE BEARING AREAS BASED ON TEST PRESSURE OF 150 P.S.I. AND AN ALLOWABLE SOIL BEARING STRESS OF 2,000 POUNDS PER SQUARE FOOT. TO COMPUTE BEARING AREAS FOR DIFFERENT TEST PRESSURES AND SOIL BEARING STRESSES, USE THE FOLLOWING EQUATION: BEARING AREA = (TEST PRESSURE/150) x (2000/SOIL BEARING STRESS) x (TABLE VALUE).

**THRUST BLOCK DETAIL**  
N.T.S.



**FIRE SERVICE ASSEMBLY DETAIL**  
N.T.S.



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PROJECT: J17074 DATE PLOT: 01-18-2019



DATE: \_\_\_\_\_

Key Plan

Project Title

**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

**SIGNAGE, STRIPING, AND DIMENSION PLAN**

Regulatory Agency Approval

Architect Seal

File Number

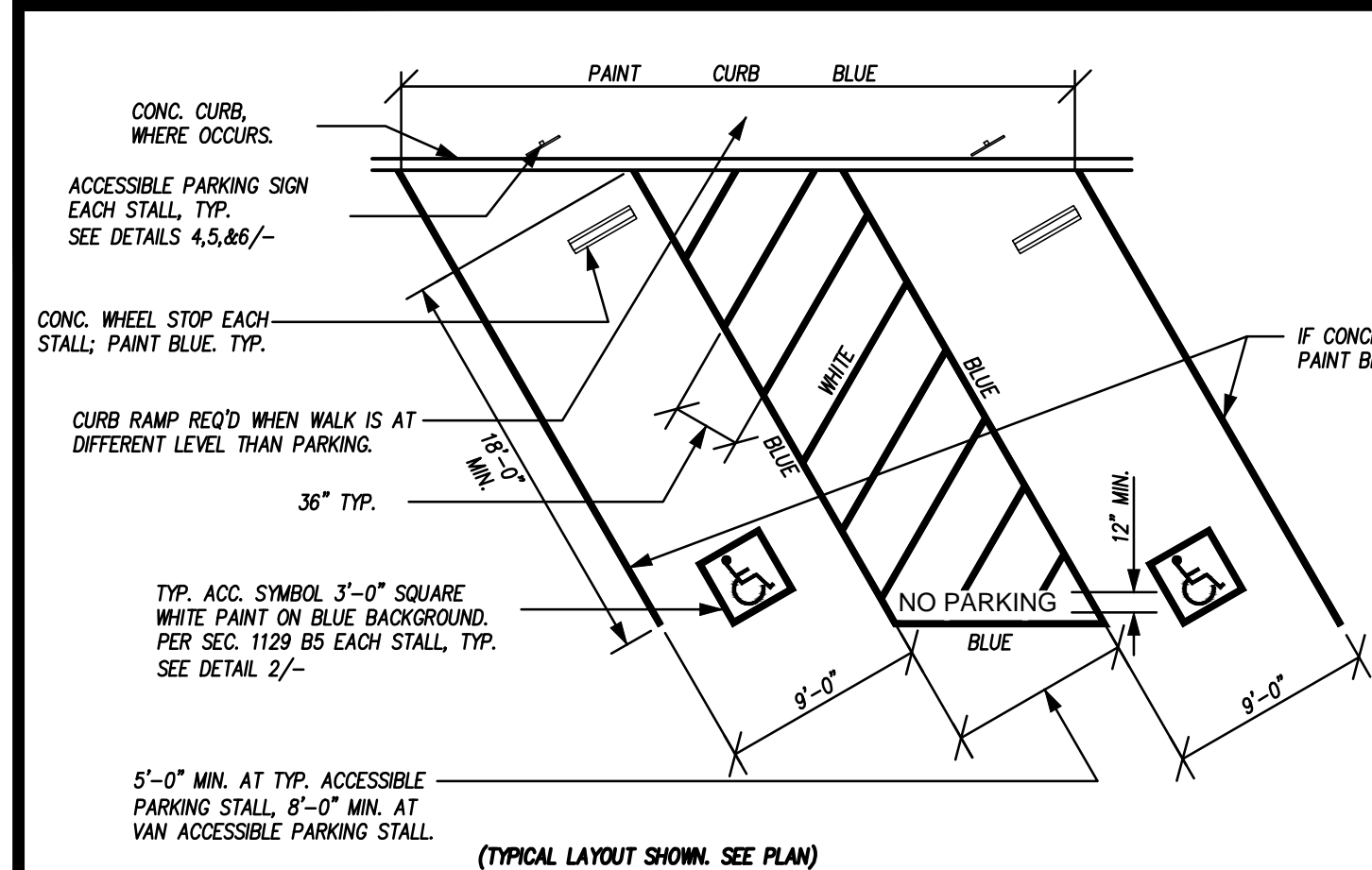
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Application Number

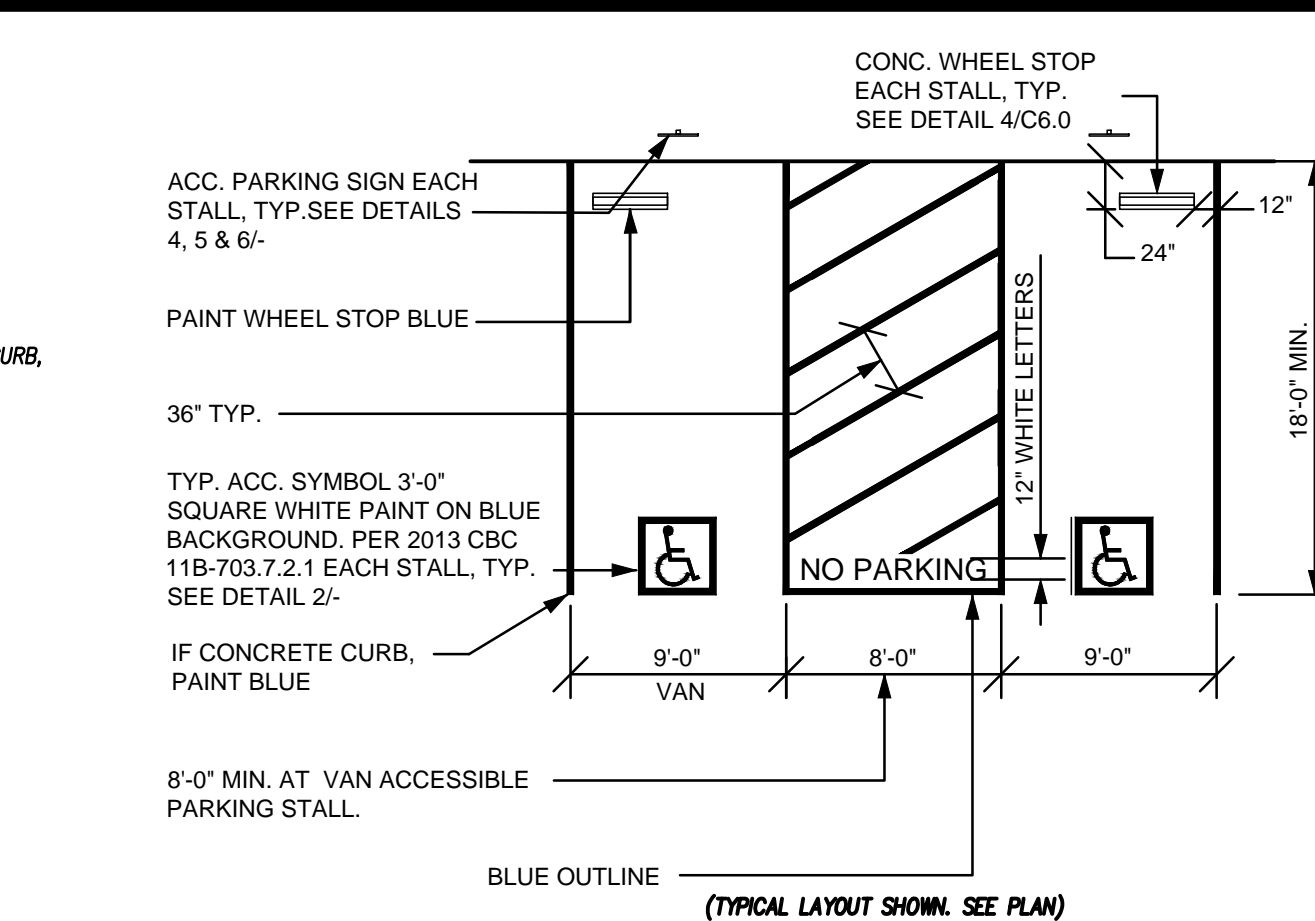
Project No. 128197

Date 12.01.17

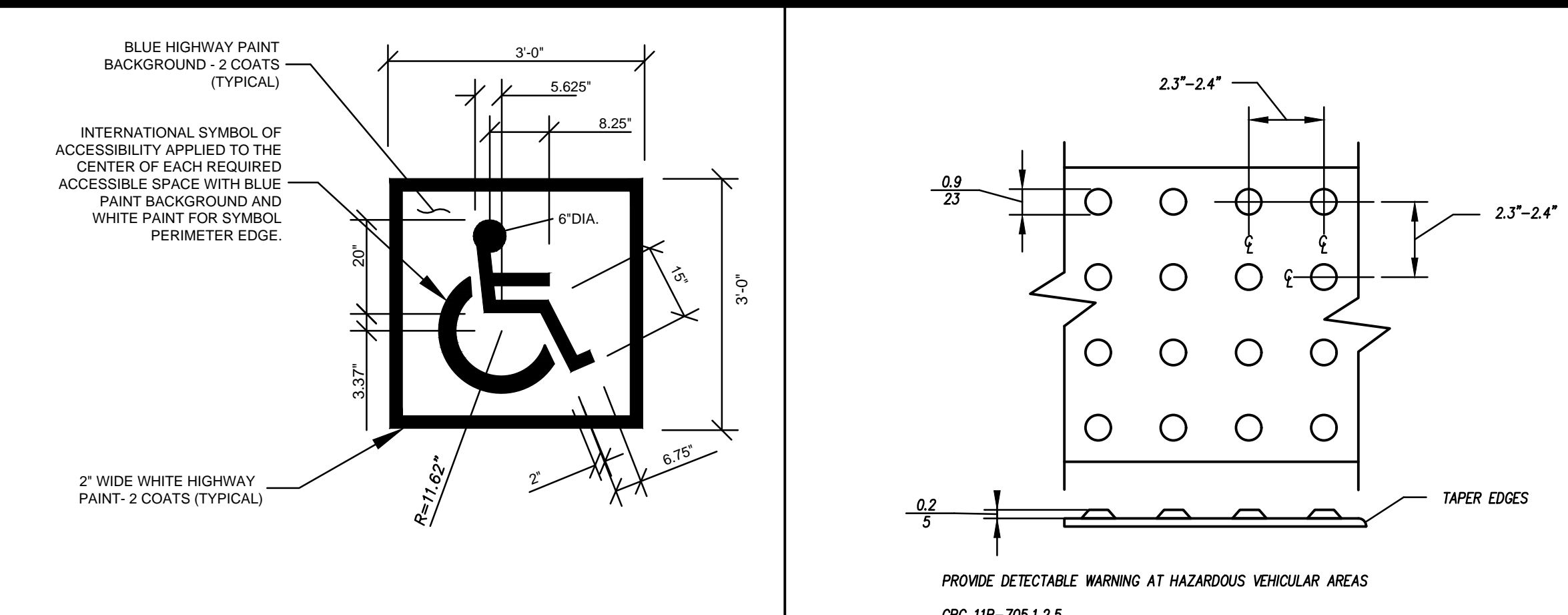
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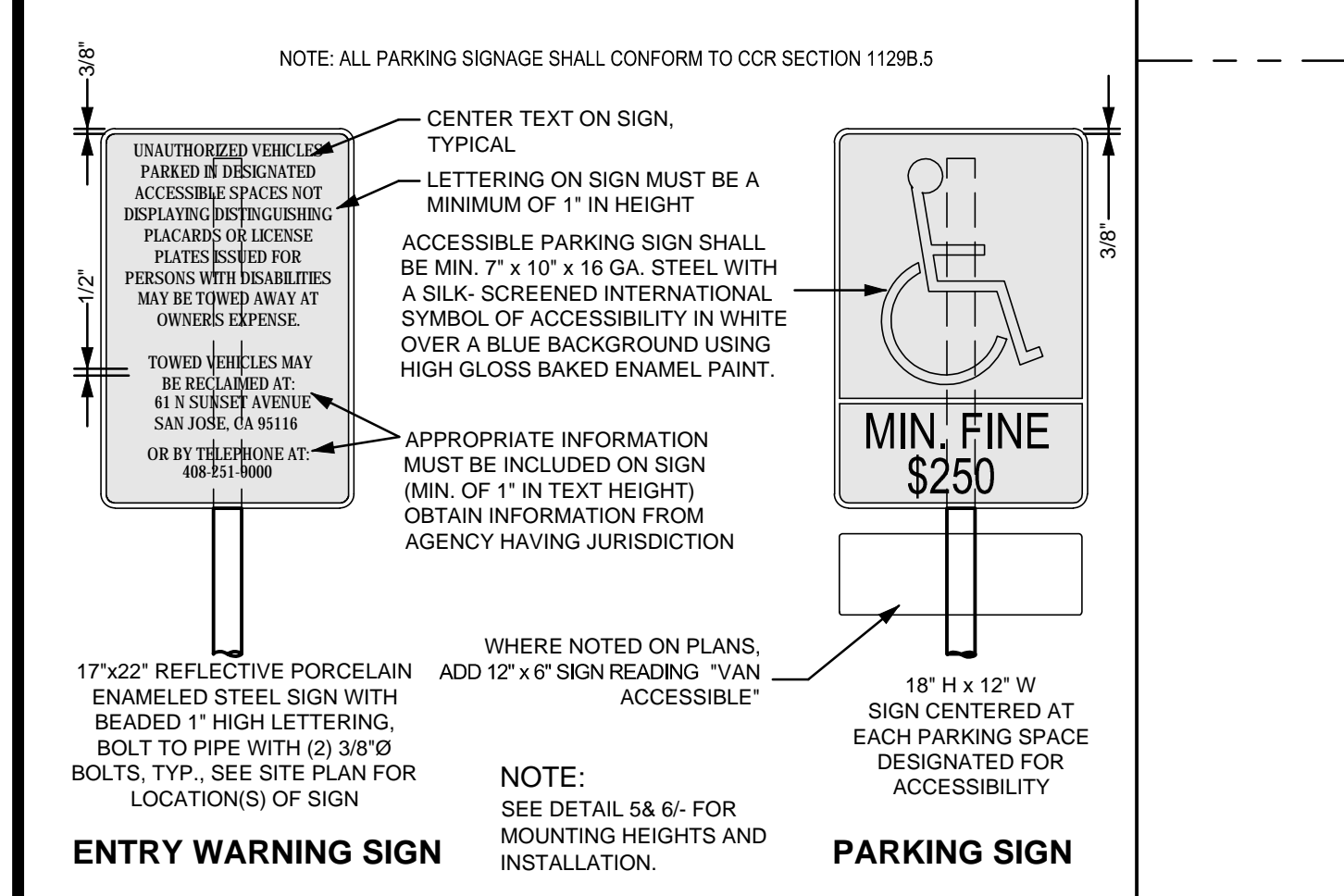
**1 ACCESSIBLE PARKING STALL DETAILS** N.T.S. ADA



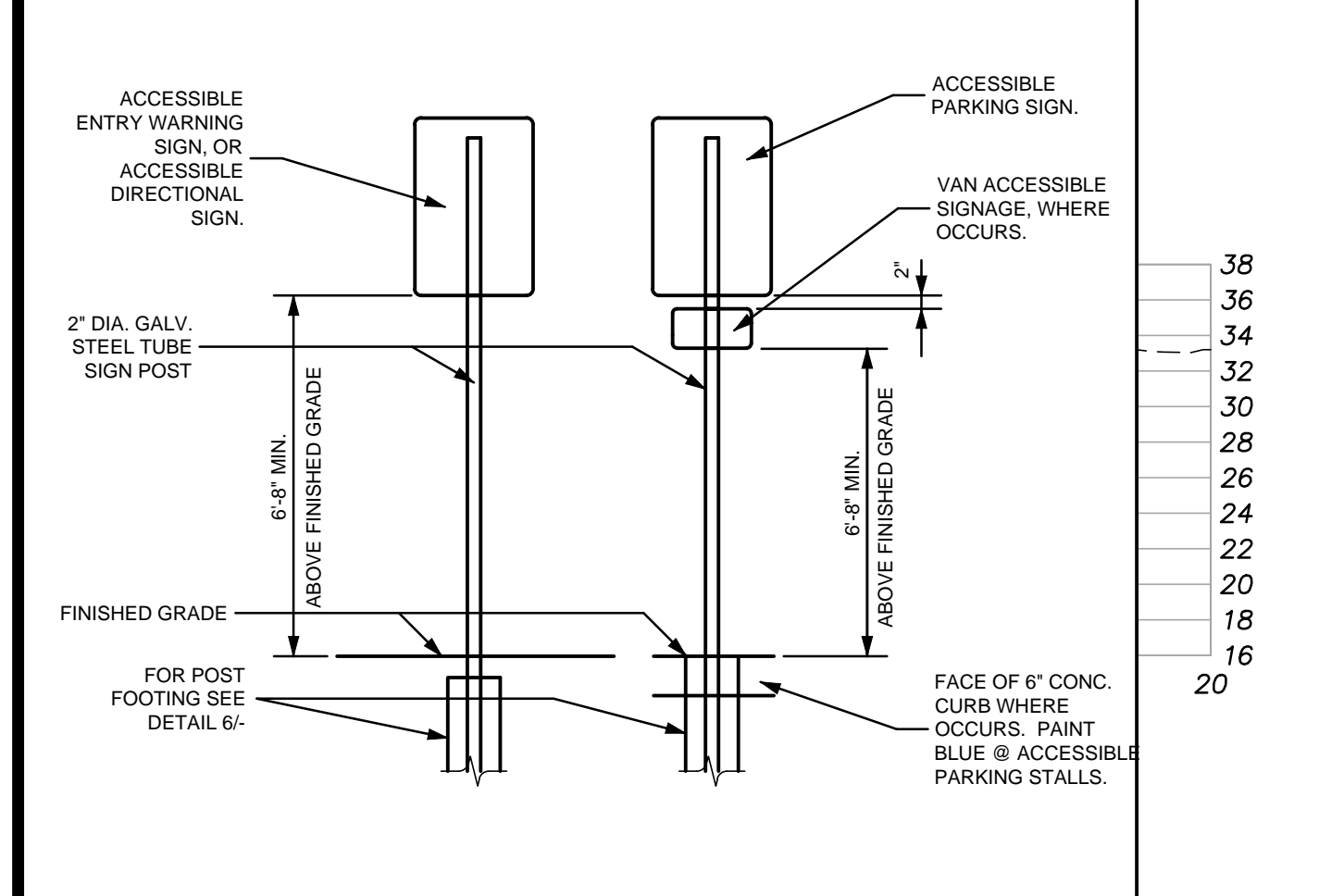
**2 ACCESSIBILITY SYMBOL** N.T.S. ADA



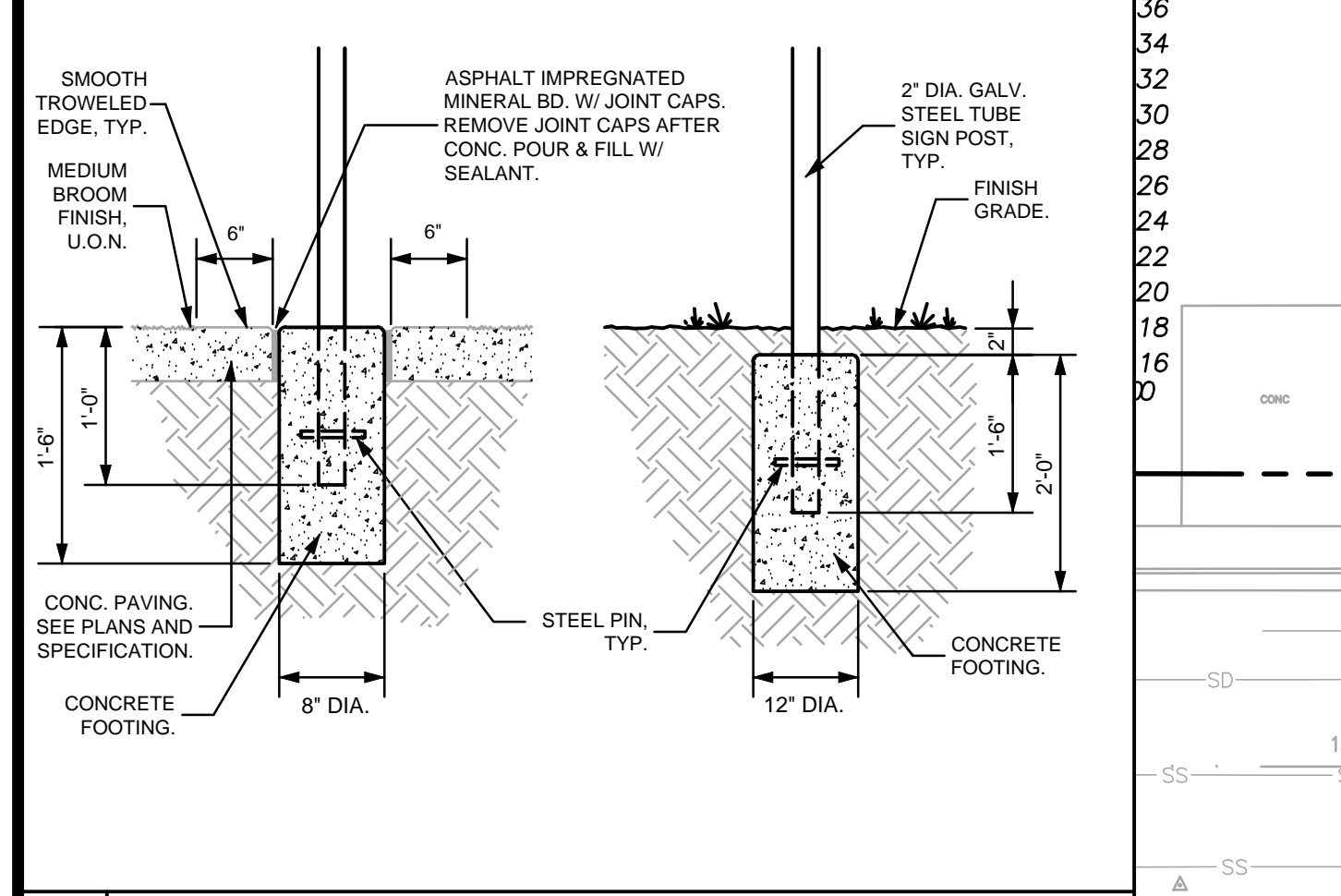
**3 TRUCATED DOMES** N.T.S. ADA



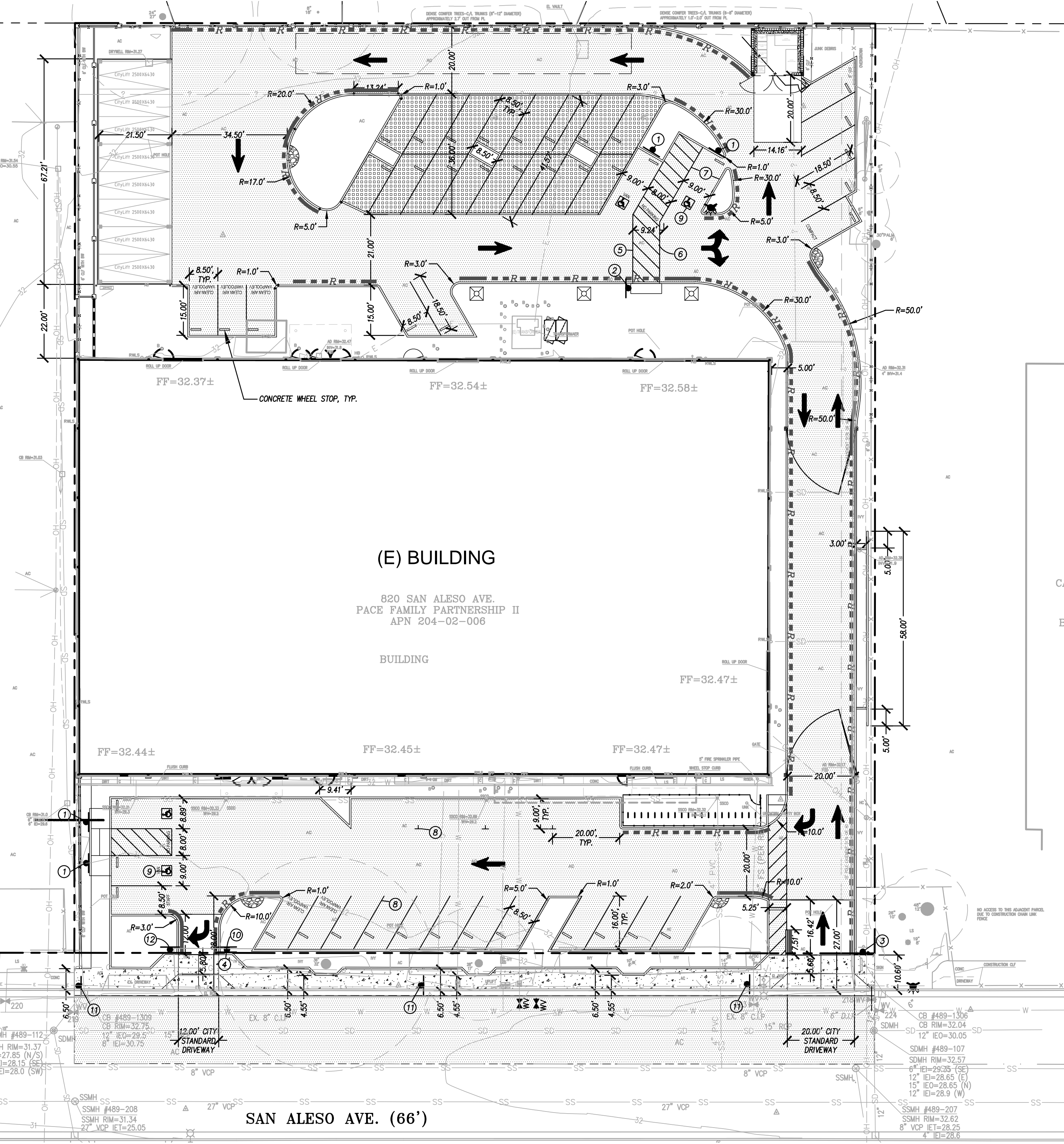
**4 ACCESSIBILITY PARKING SIGNS** N.T.S. ADA



**5 SITE SIGN MOUNTING DETAILS** N.T.S. ADA

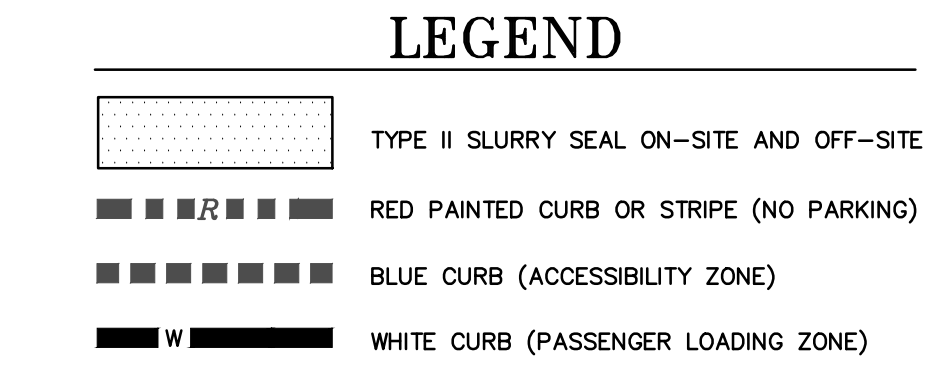


**6 SITE SIGN FOOTING DETAILS** N.T.S. ADA



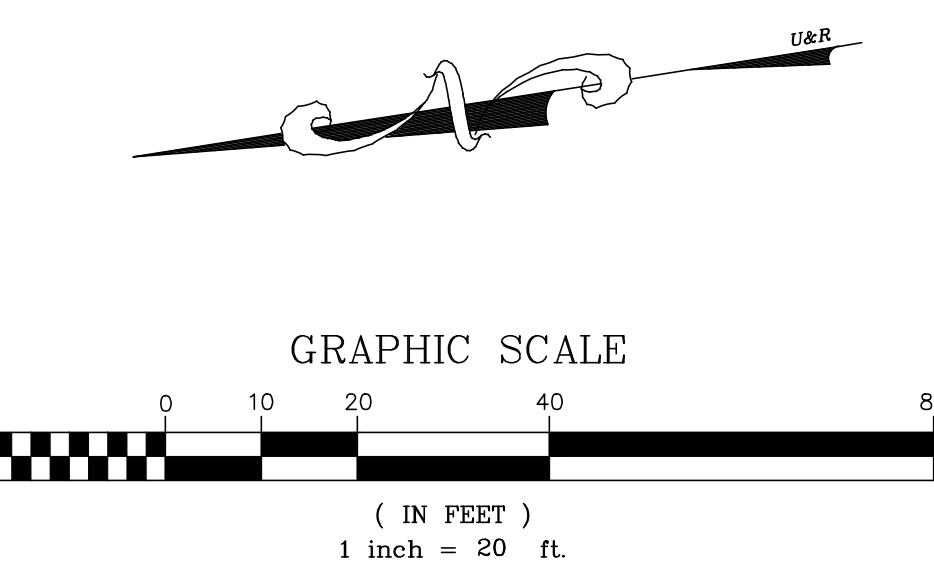
**GENERAL NOTES**

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS. THE CONTRACTOR SHALL VERIFY THE ACCURACY TO COMPLETE THE WORK THEREOF.
2. ALL PAVEMENT STRIPING IS 4" WHITE PAINT UNLESS OTHERWISE NOTED.
3. ALL STRIPING FOR FIRE AGENCY CONTROL TO COMPLY WITH NFPA 24.



**KEY NOTES**

- 1 ACCESSIBLE PARKING SIGN.
- 2 PASSENGER LOADING SIGN.
- 3 ACCESSIBLE SITE ENTRANCE SIGN.
- 4 DO NOT ENTER SIGN PER M.U.T.C.D. CODE R5-1
- 5 CROSSWALK: PAINT 12" WHITE STRIPING @ 3' O.C.; SEE PLAN FOR WIDTH.
- 6 PAINT 4" WHITE STRIPING @ 3' O.C.
- 7 PAINT 4" BLUE STRIPING @ 3' O.C.
- 8 PAINT 4" WHITE STRIPE
- 9 ACCESSIBILITY SYMBOL
- 10 STOP SIGN
- 11 NO STREET LOADING SIGN
- 12 RIGHT TURN ONLY SIGN



No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
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PROJECT: J17074 DATE PLOT: 01-18-2019



Key Plan

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**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
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**SUMMIT PUBLIC SCHOOLS**

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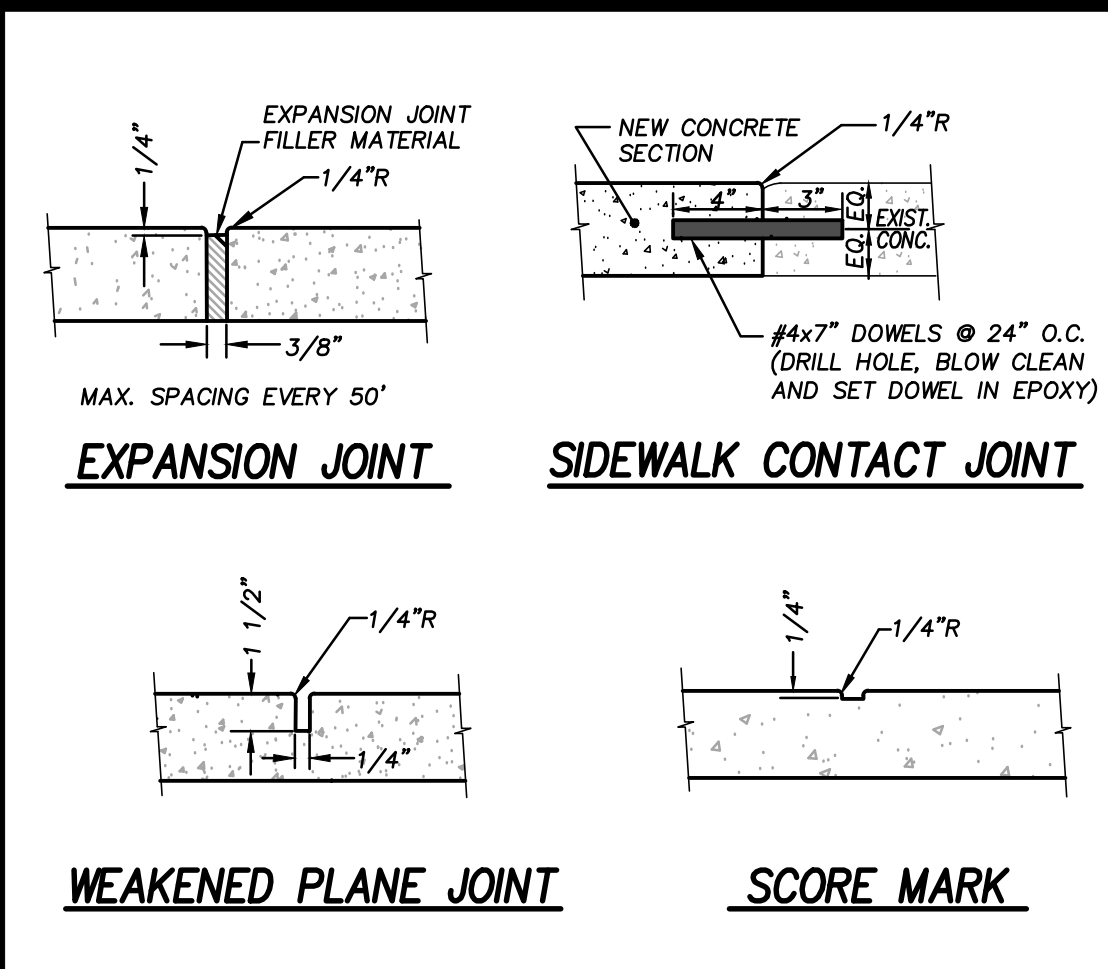
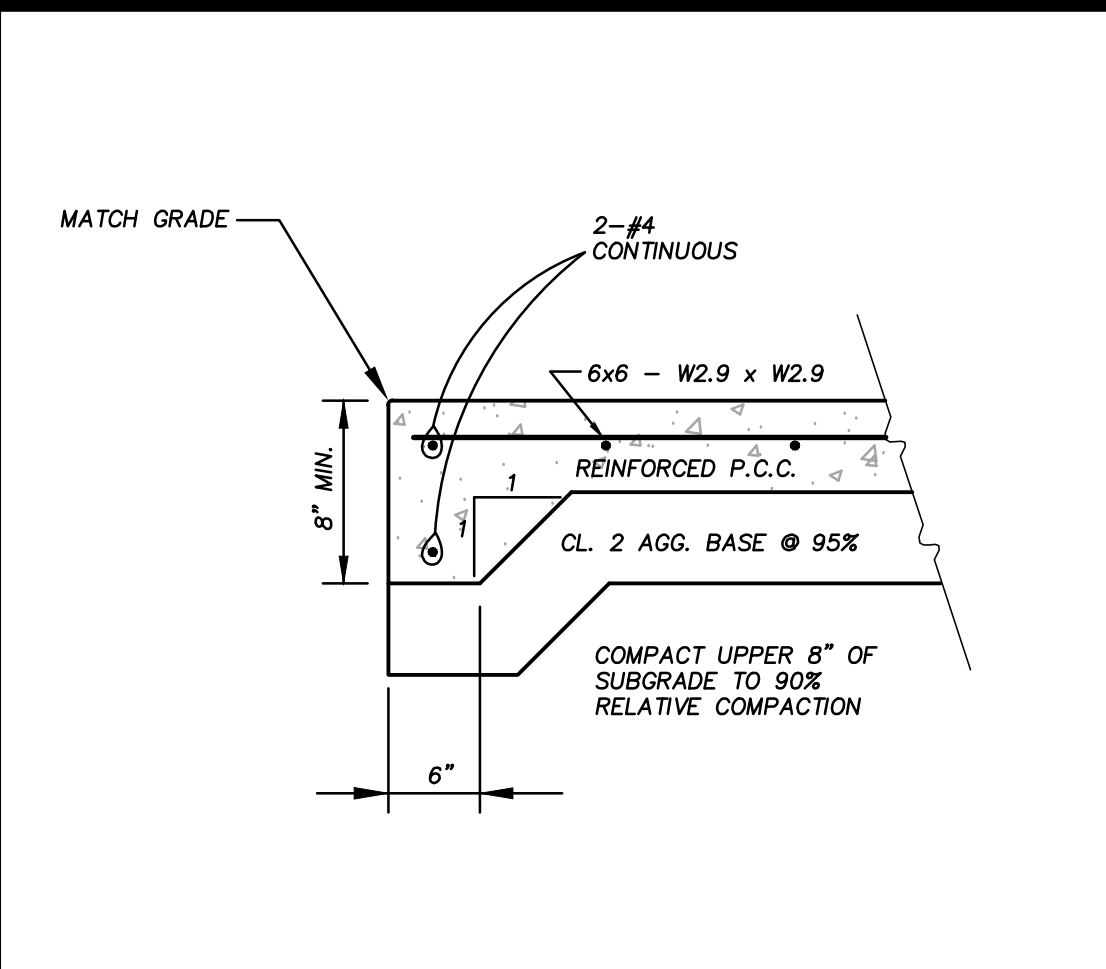
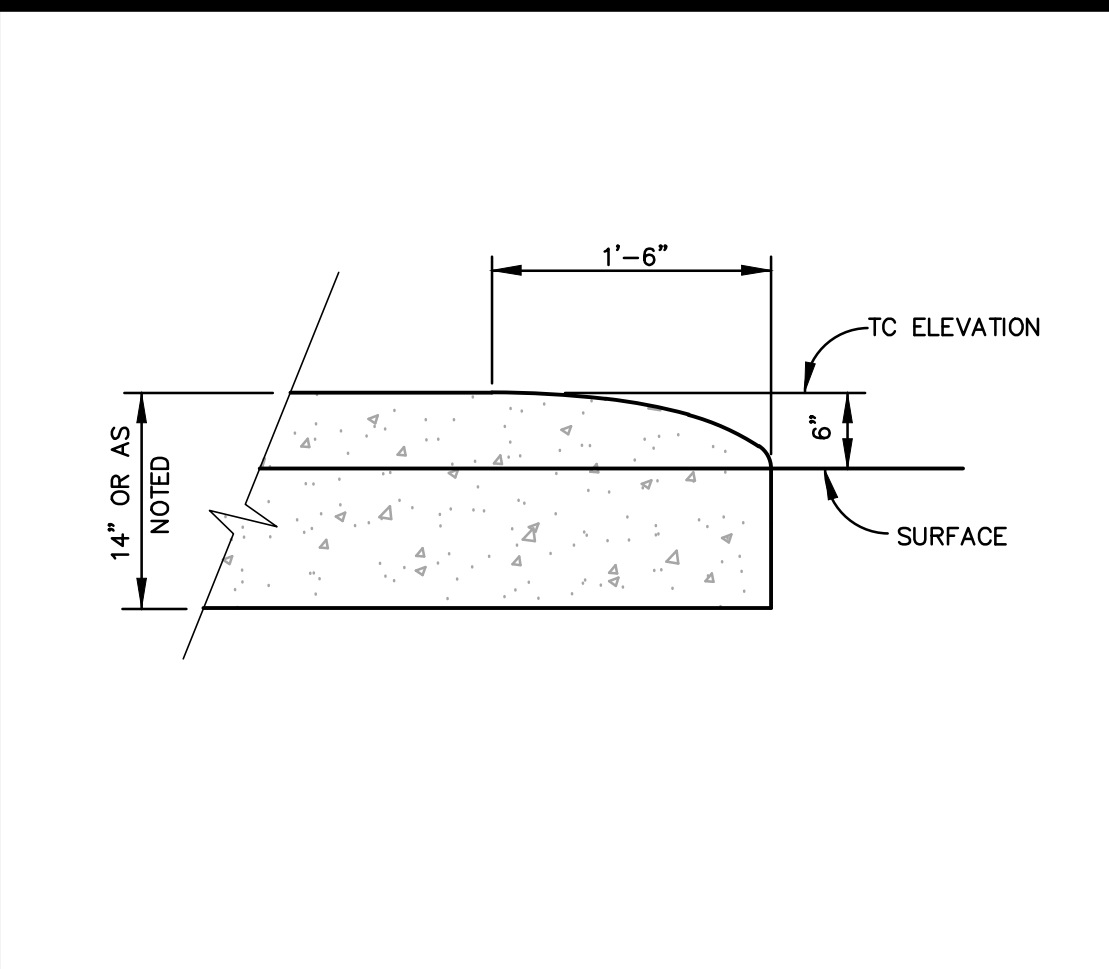
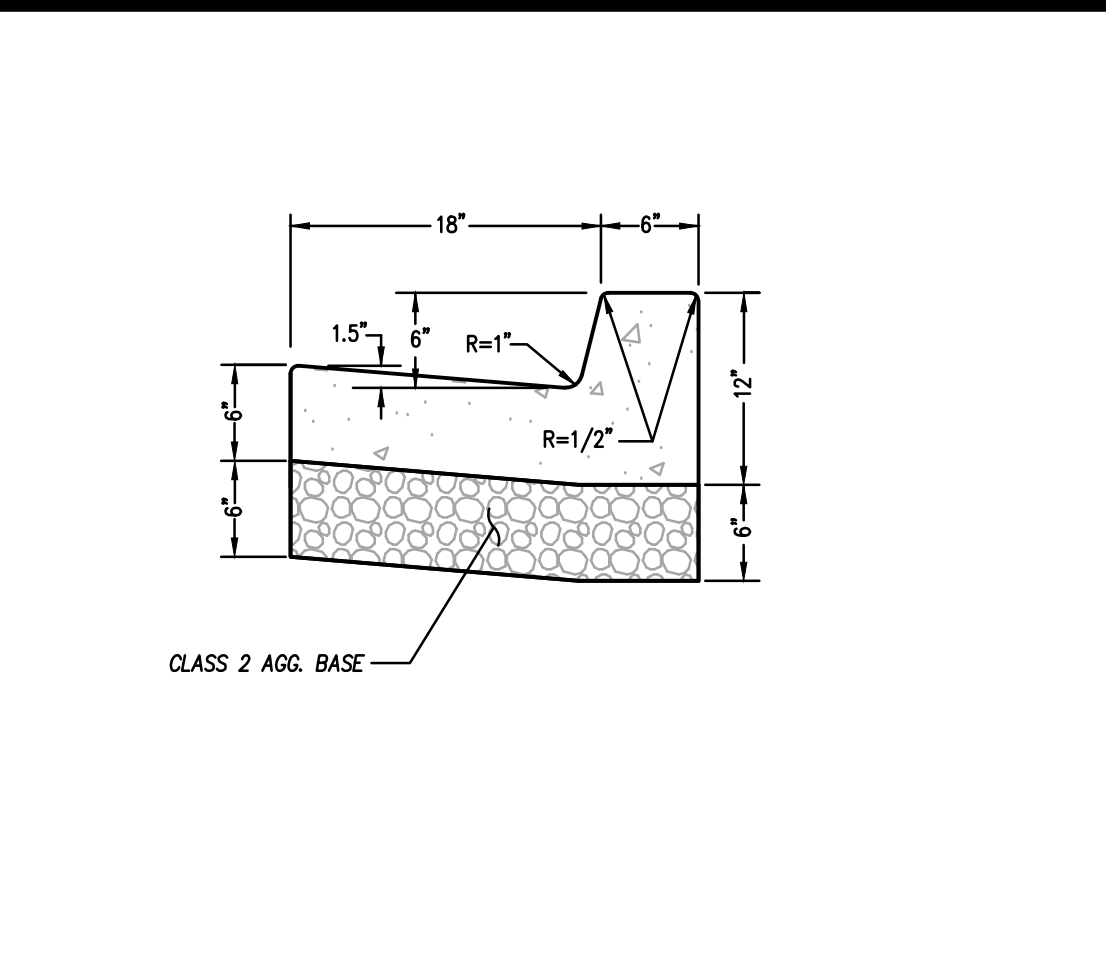
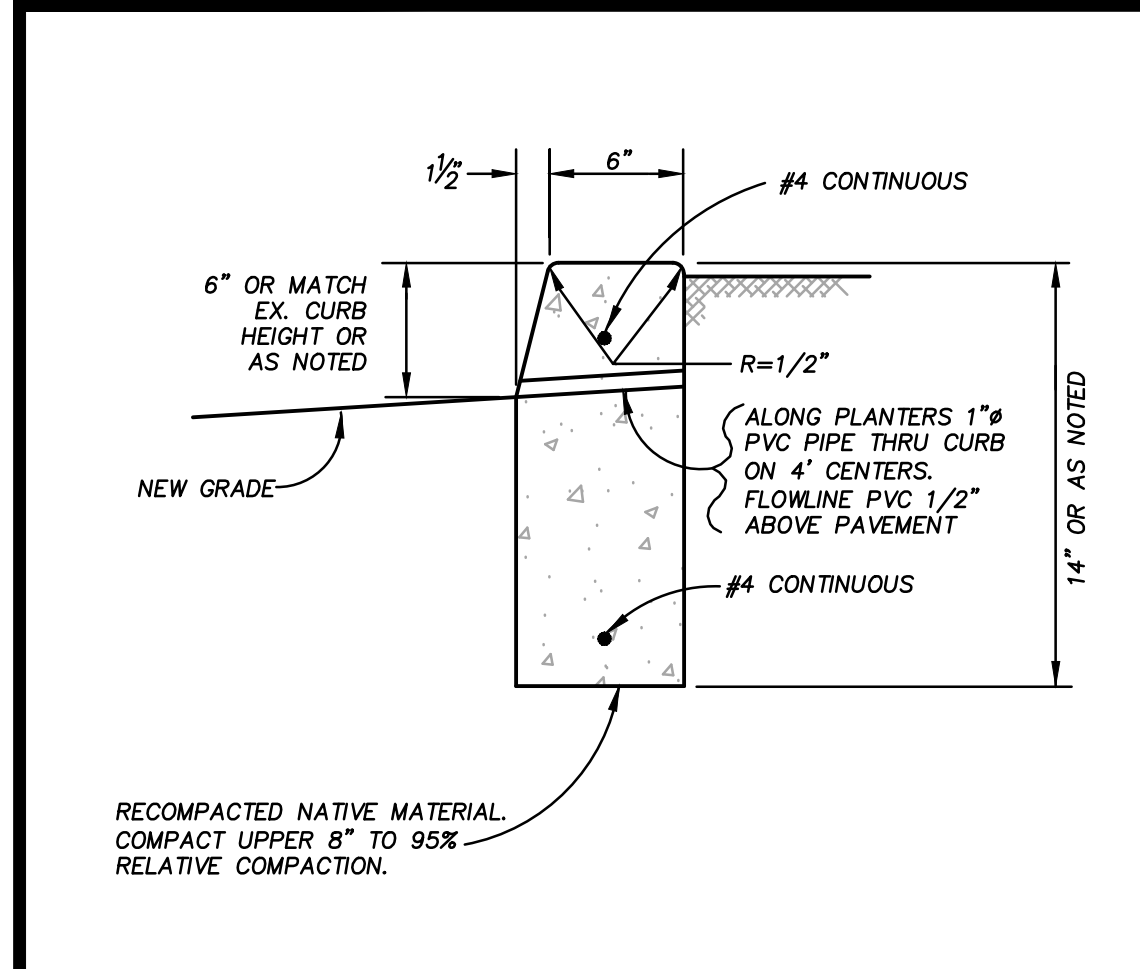
Drawing Title  
**CIVIL DETAILS**

Regulatory Agency Approval

Architect Seal

File Number -  
Application Number -  
Project No. 128197  
Date 12.01.17

Drawing No  
**C6**



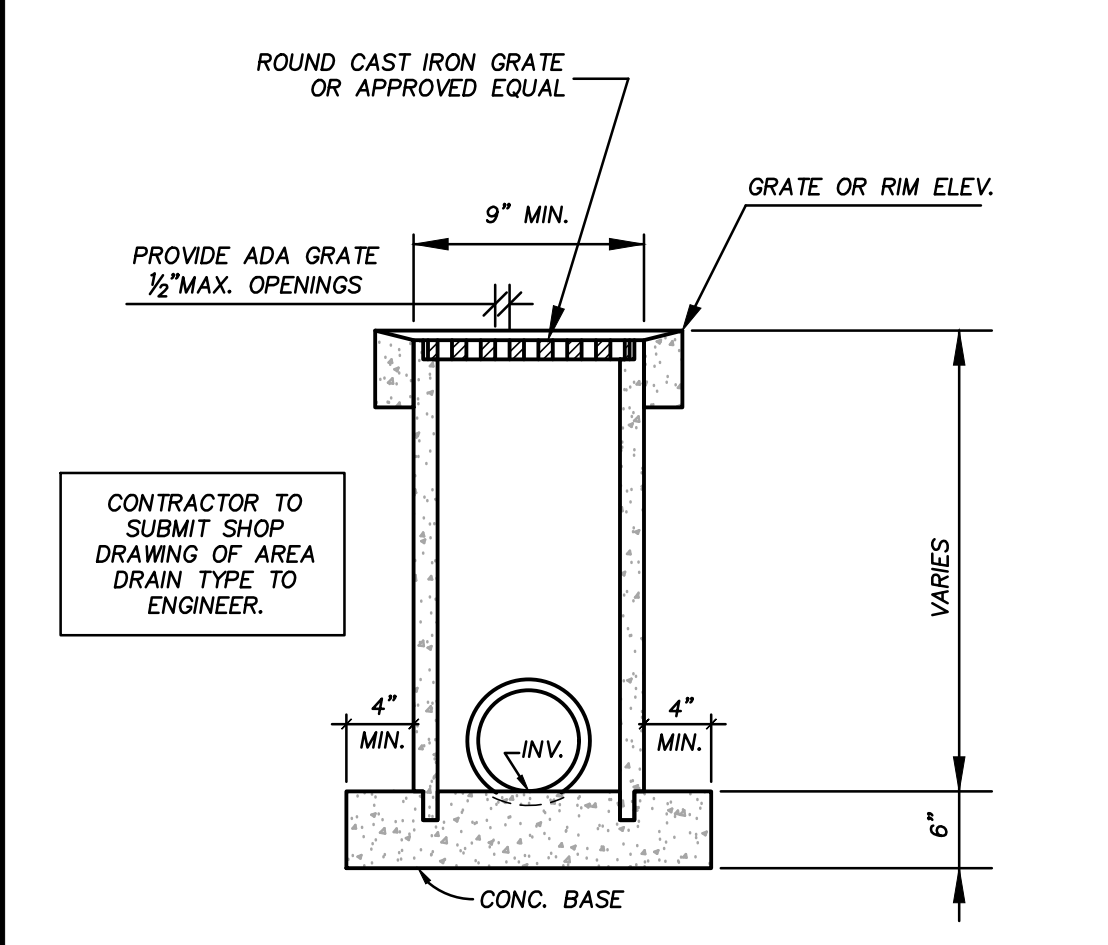
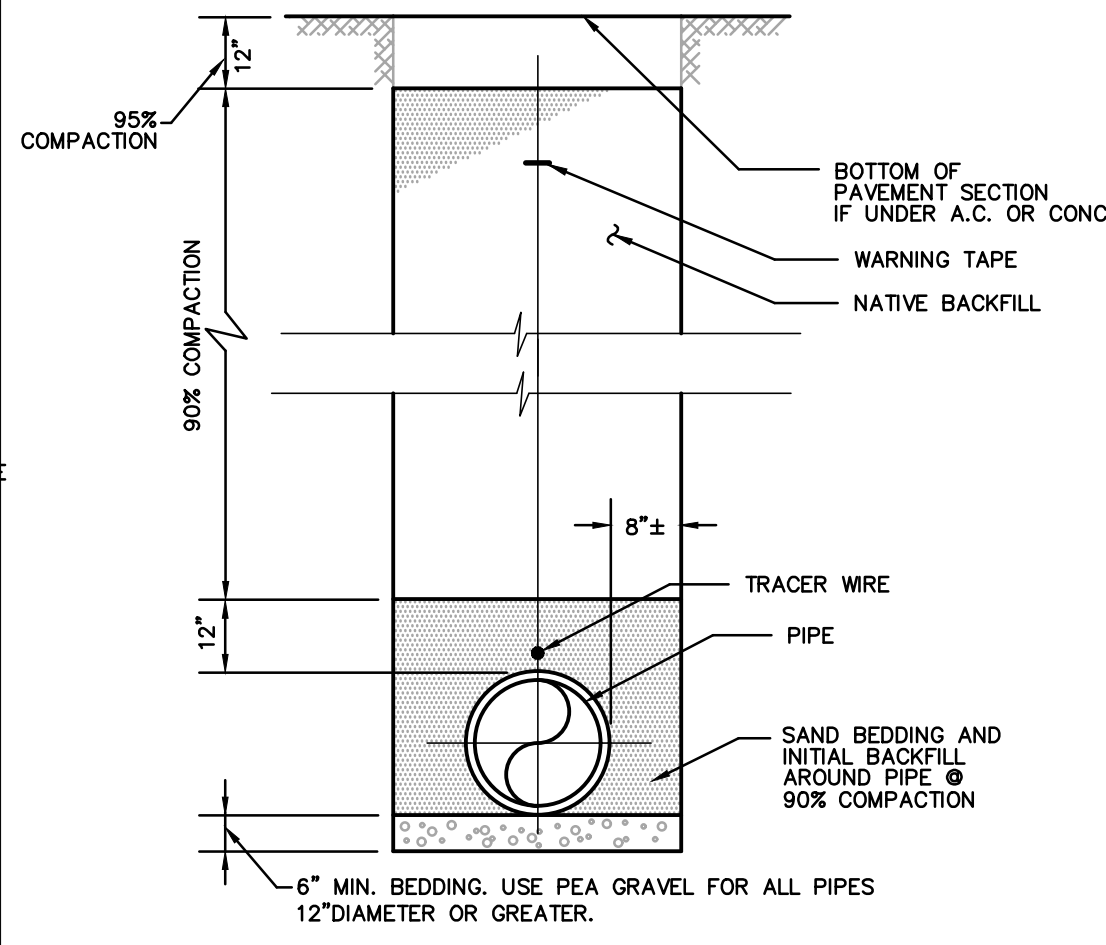
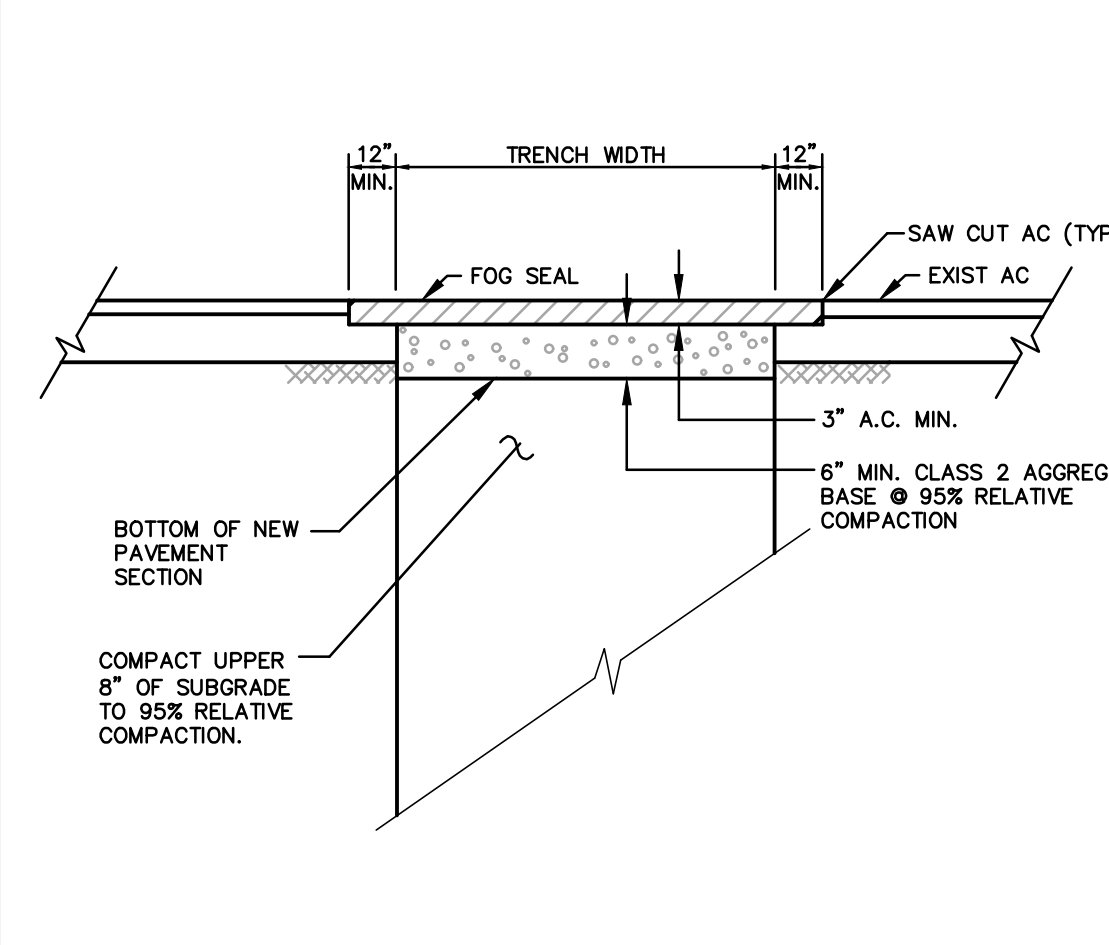
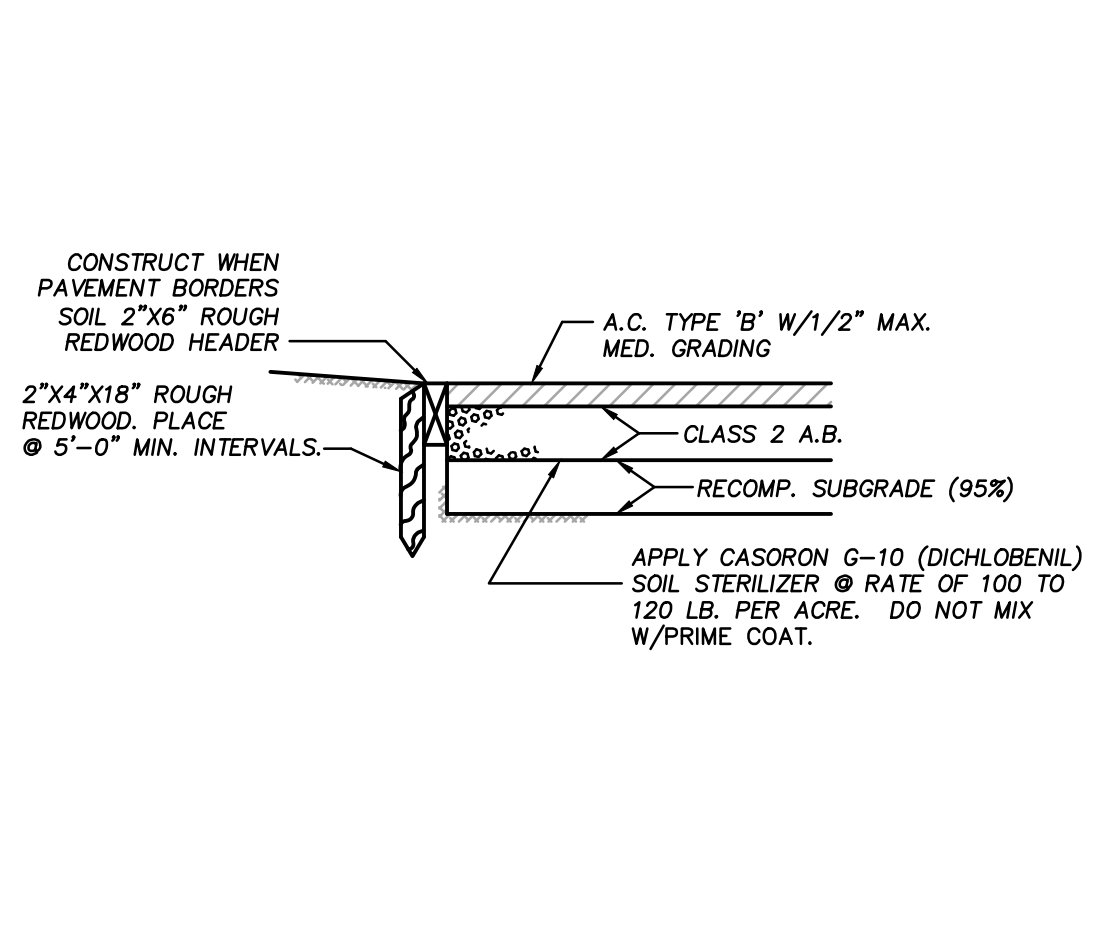
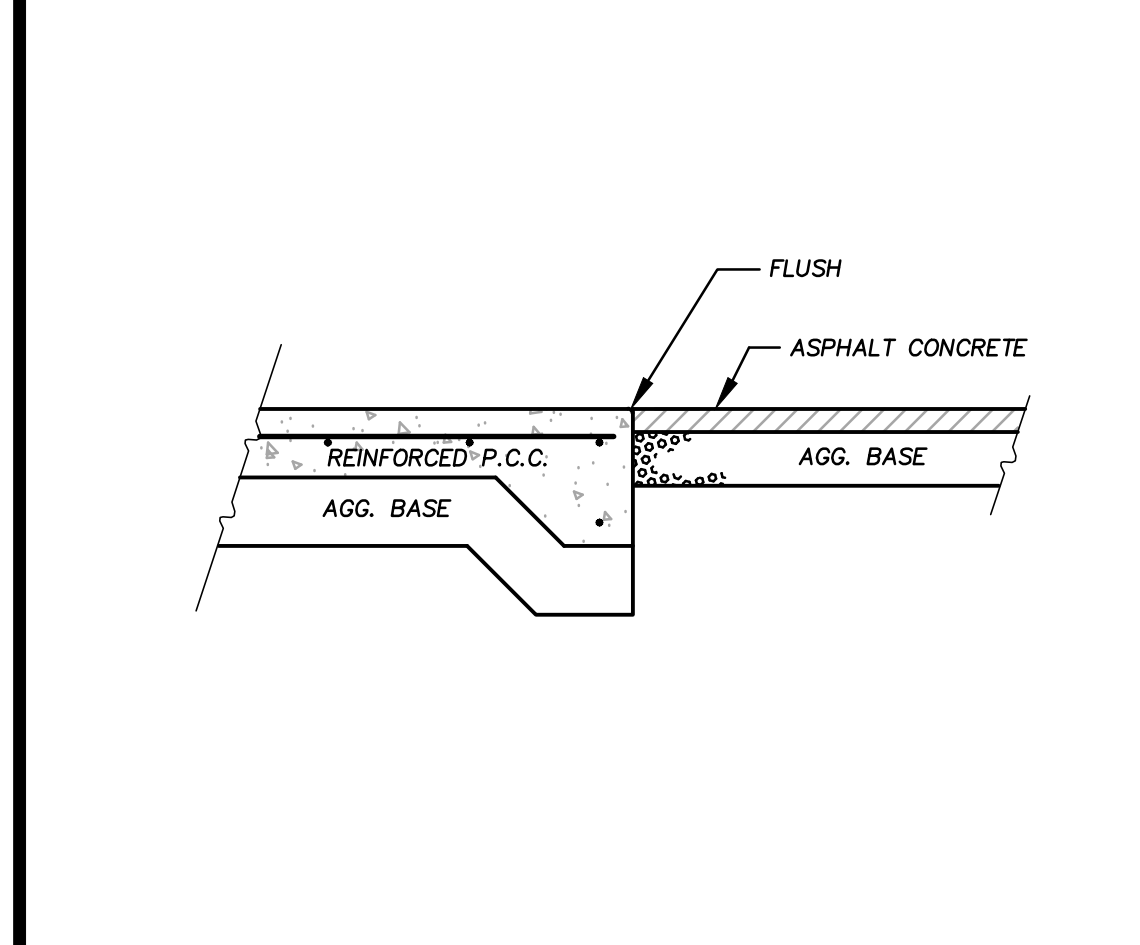
VERTICAL CURB DETAIL 1

CURB & GUTTER DETAIL 2

CURB TRANSITION DETAIL 3

CONCRETE EDGE DETAIL 4

JOINTS DETAIL 5



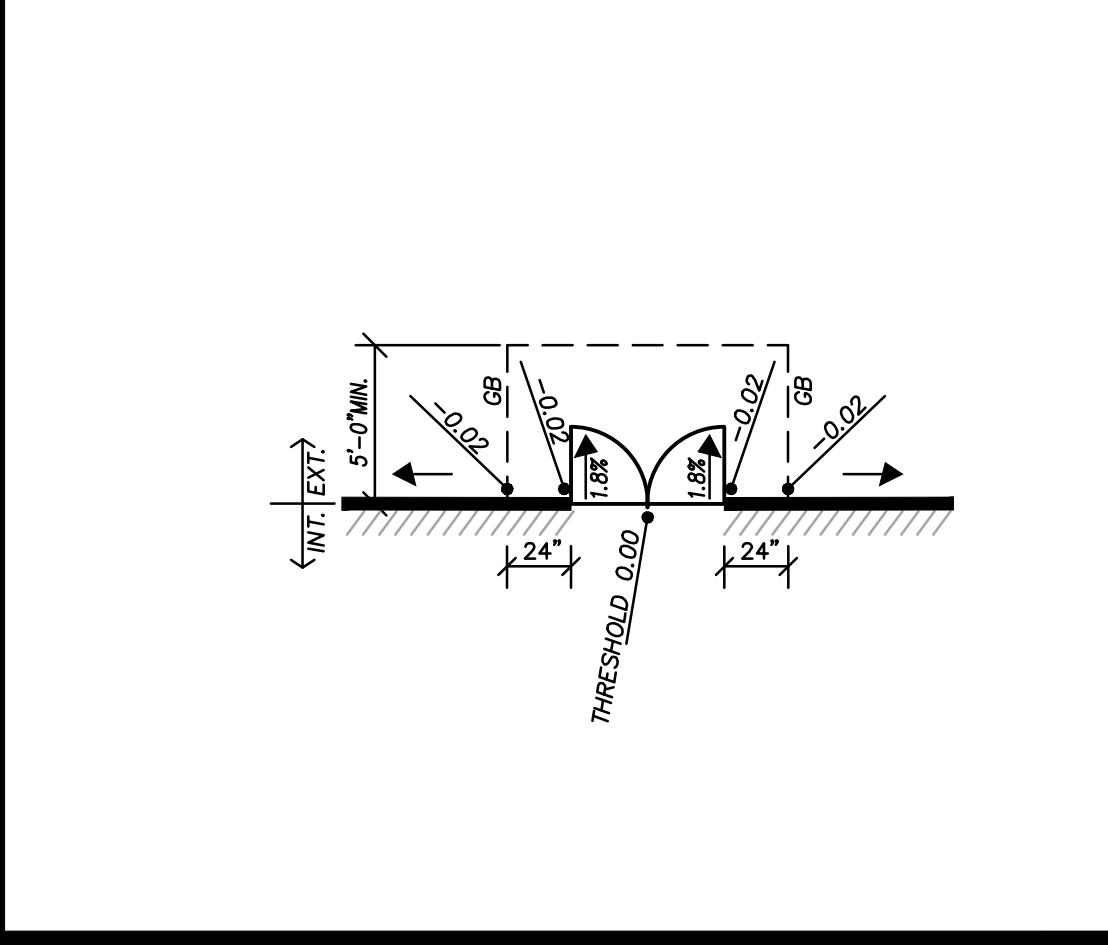
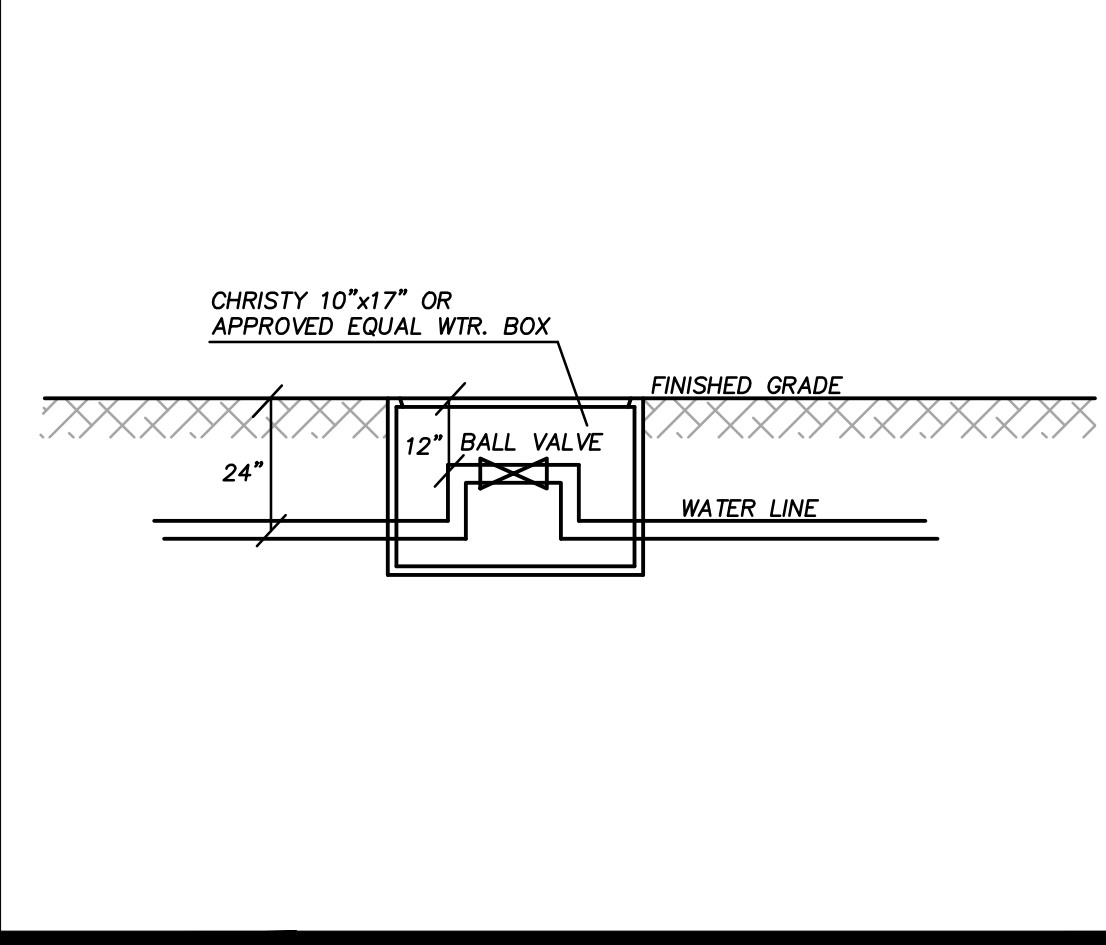
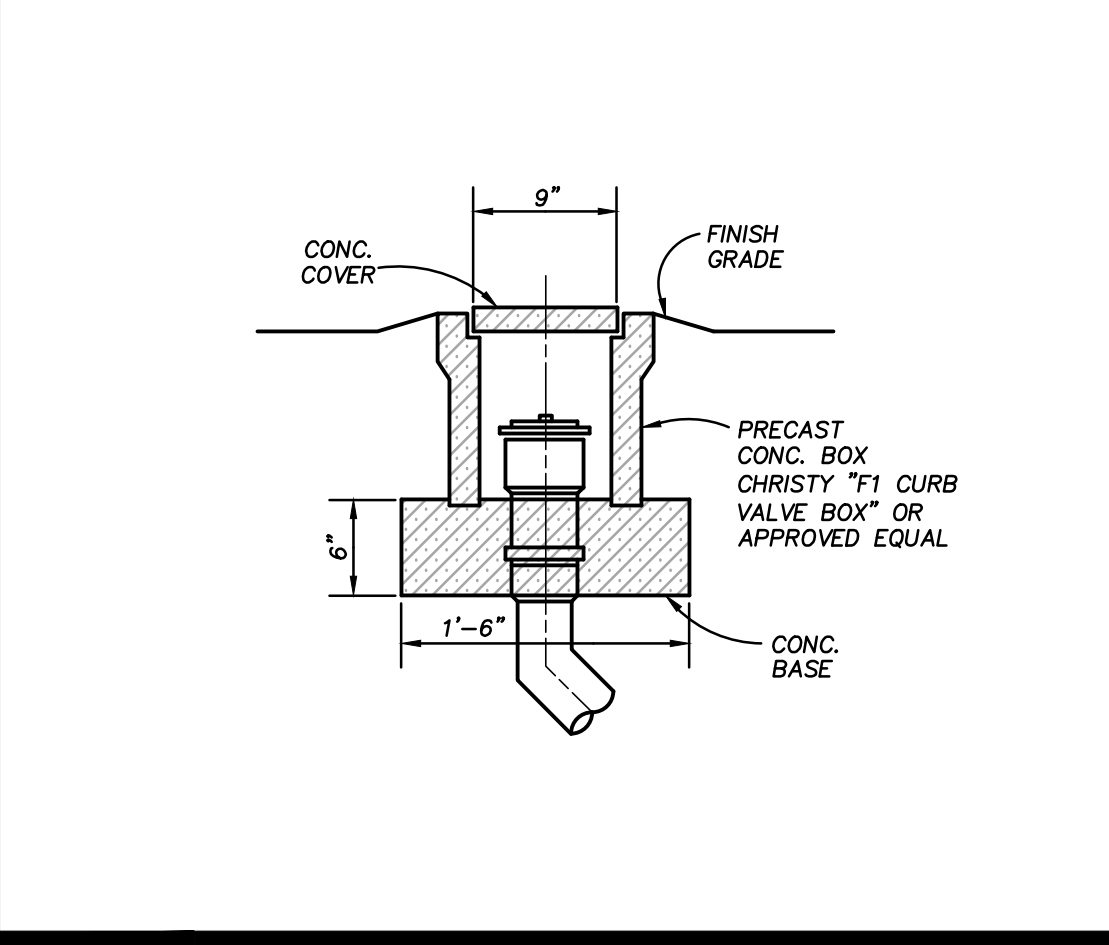
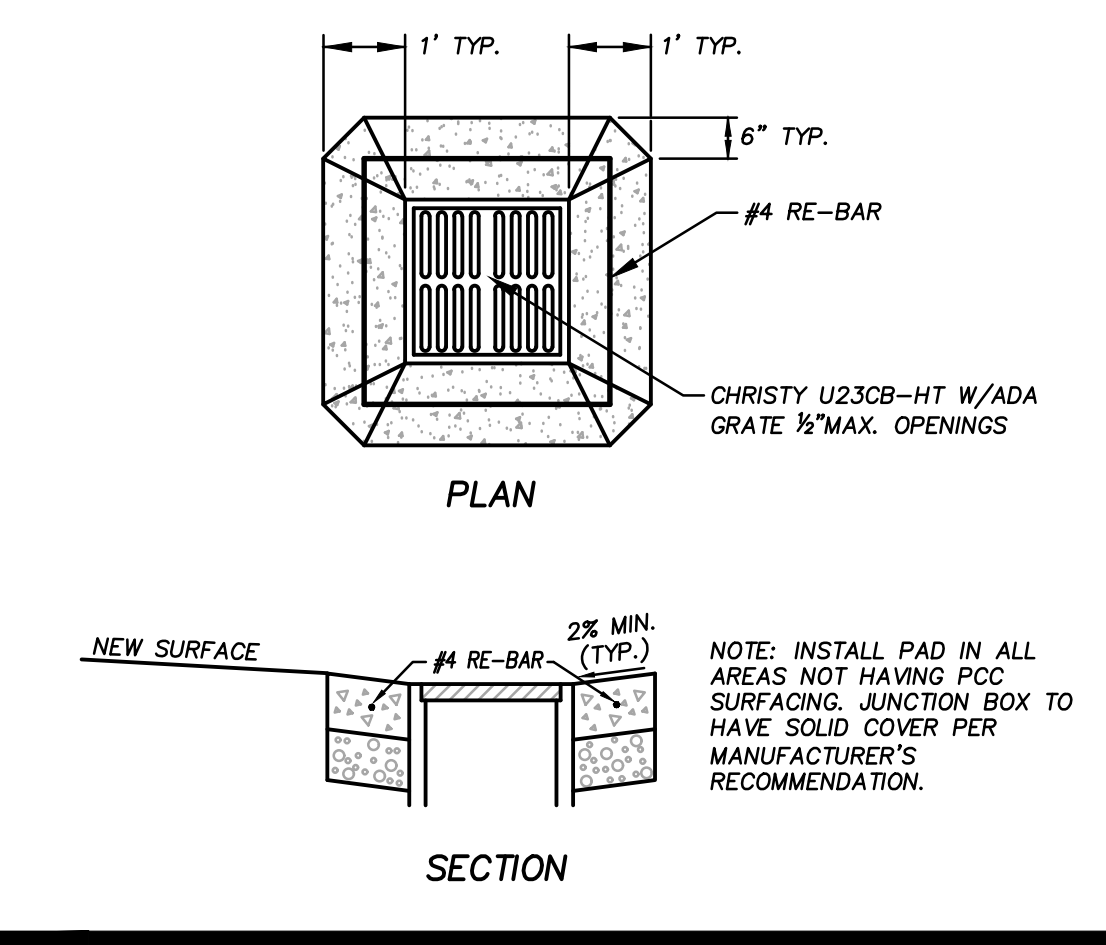
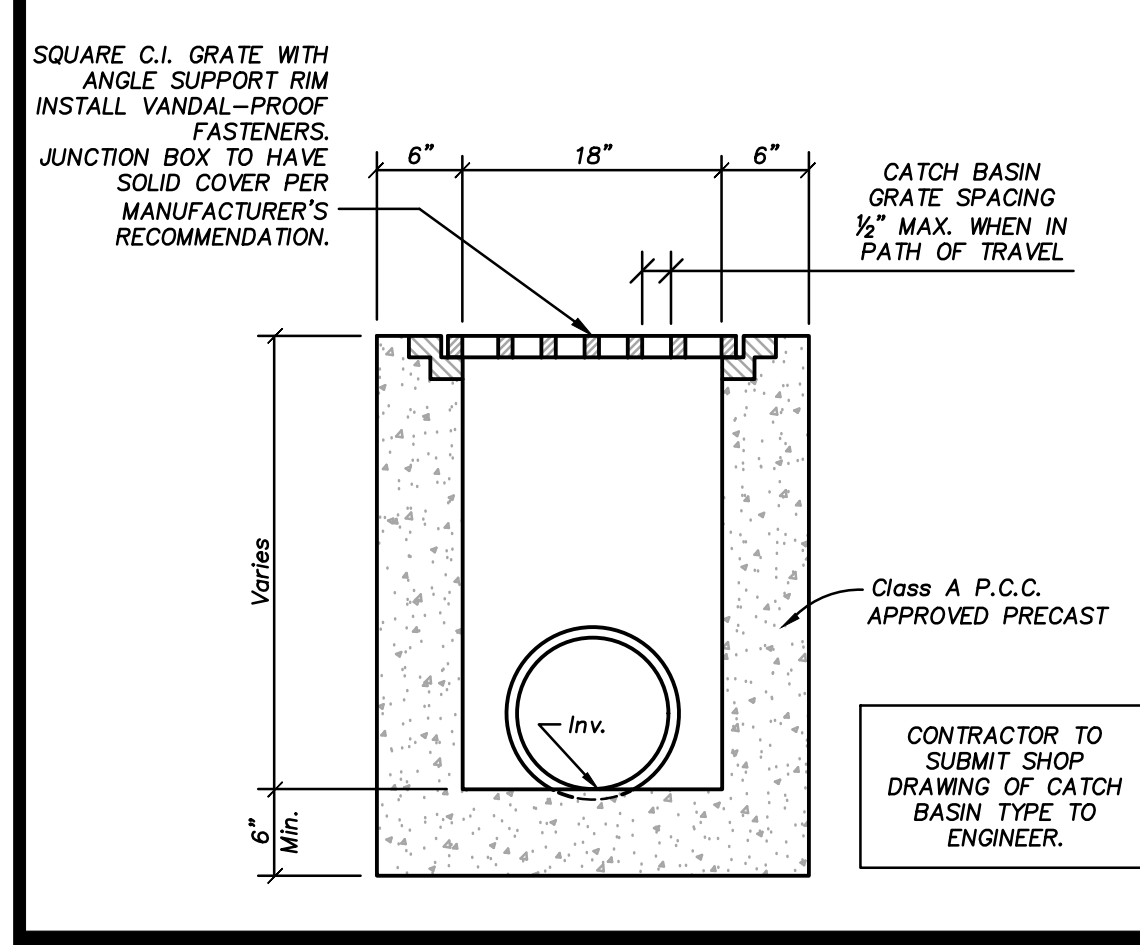
CONCRETE TO ASPHALT TRANSITION 6

HEADERBOARD & AC PAVING 7

AC SURFACE TRENCH REPAIR 8

TRENCH BACKFILL DETAIL 9

AREA DRAIN DETAIL 10



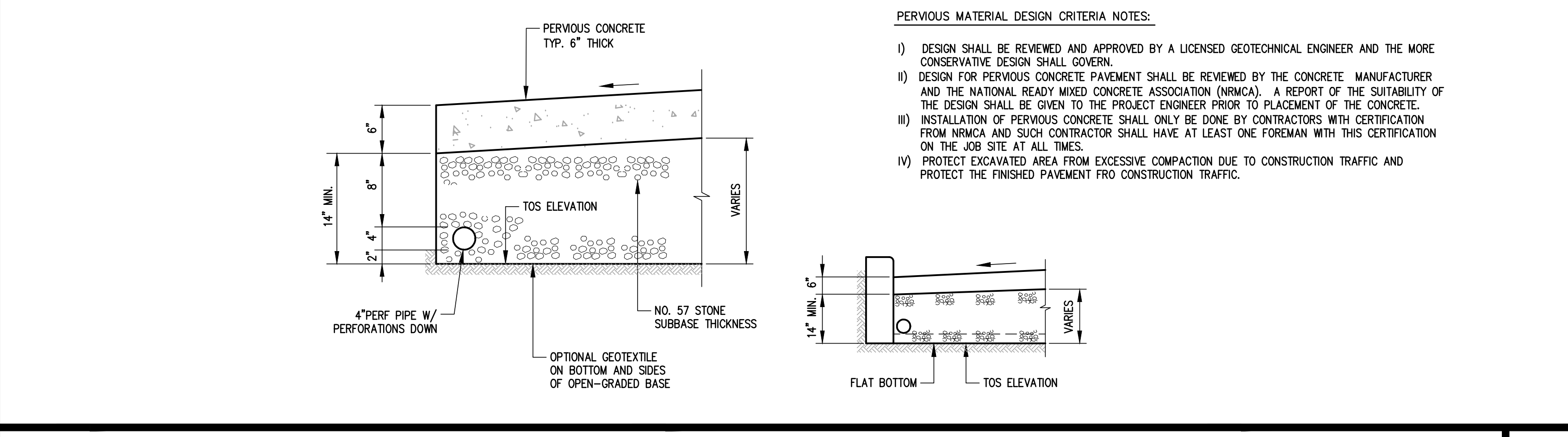
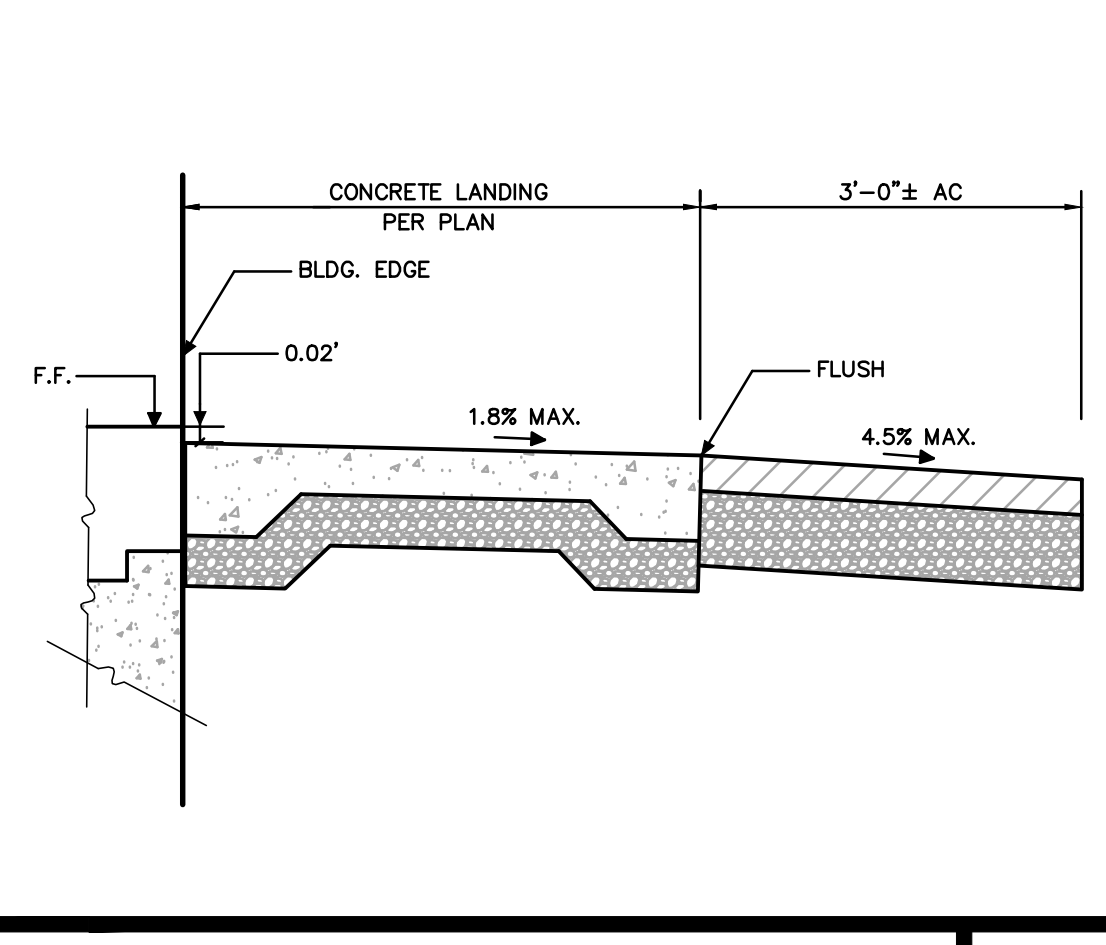
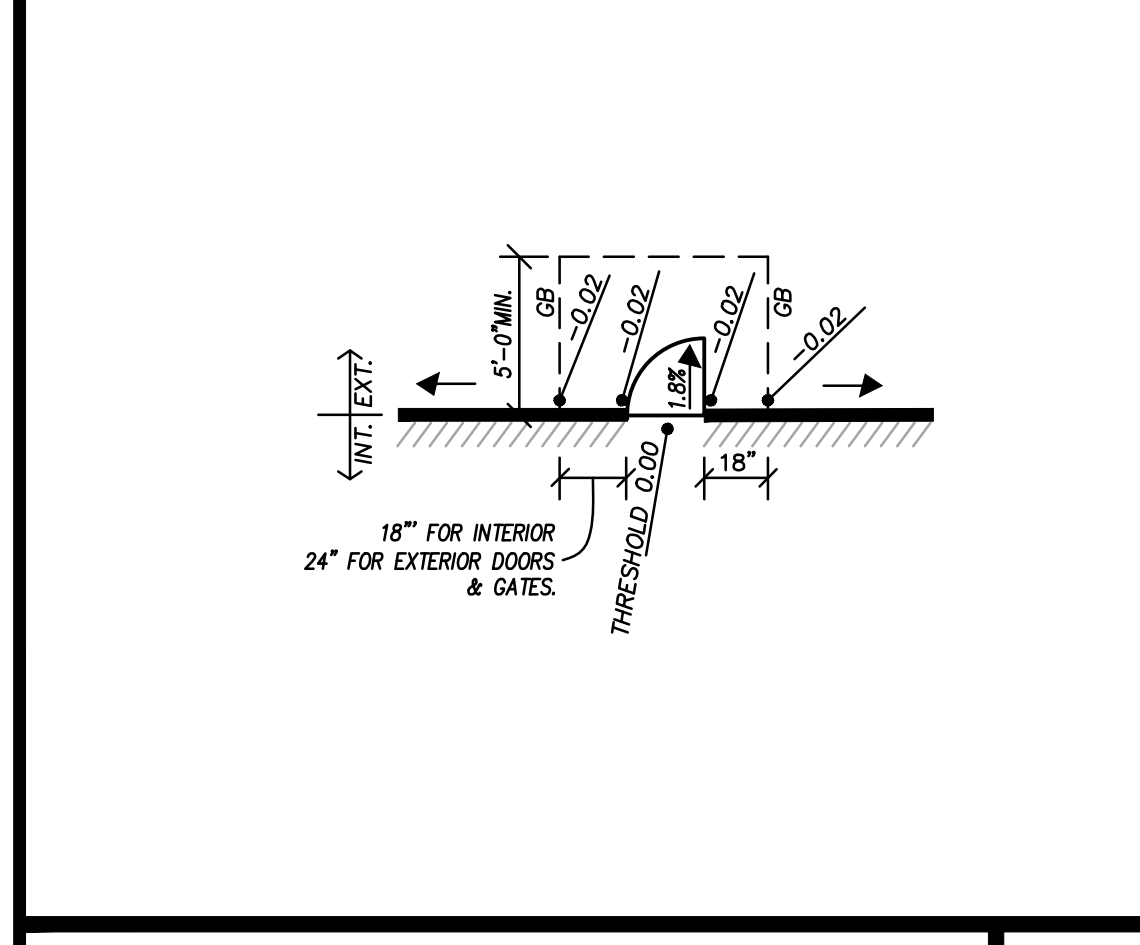
CATCH BASIN/JUNCTION BOX 11

CATCH BASIN PAD DETAIL 12

CLEANOUT DETAIL 13

WATER VALVE BOX INSTALLATION 14

THRESHOLD-DOUBLE DOOR 15



THRESHOLD-SINGLE DOOR 16

DOORWAY LANDING DETAIL 17

PERVIOUS CONCRETE 18



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PROJECT: J17074 DATE PLOT: 01-18-2019



DATE: \_\_\_\_\_

Key Plan

Project Title

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

**EROSION CONTROL PLAN**

Regulatory Agency Approval Architect Seal

File Number Drawing No

Application Number

Project No. 128197

Date 12.01.17

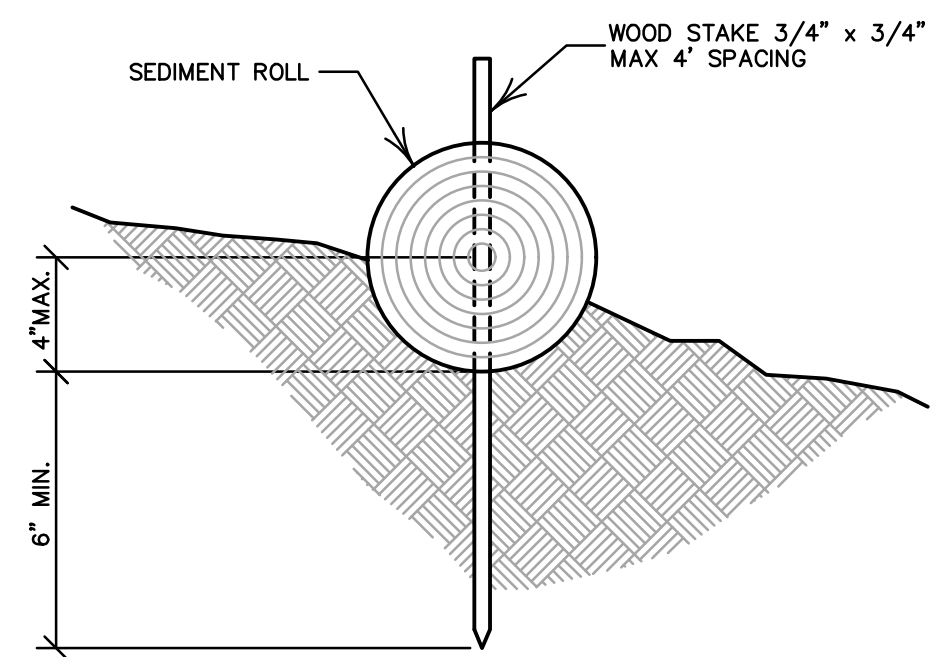
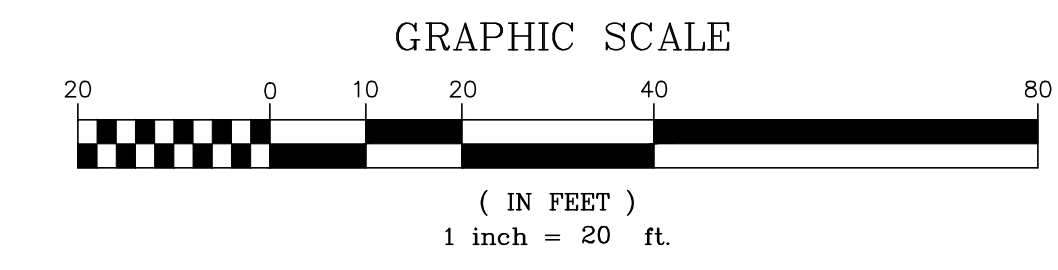
C7

### EROSION CONTROL NOTES

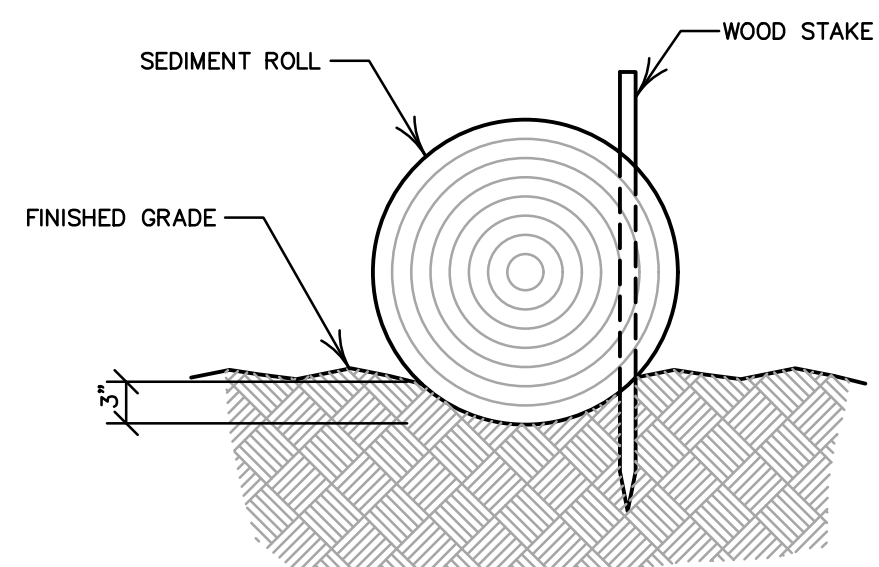
- THE FACILITIES SHOWN ON THIS PLAN ARE DESIGNED TO CONTROL THE SEDIMENT DURING THE RAINY EVENTS, AFTER ROUGH GRADING HAS BEEN COMPLETED. MEASURES ARE TO BE OPERABLE PRIOR TO RAIN EVENTS OF ANY YEAR. GRADING OPERATIONS HAVE LEFT AREAS UNPROTECTED FROM EROSION.
- MAINTENANCE IS TO BE PERFORMED AS FOLLOWS:
  - REPAIR DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION AT THE END OF EACH WORKING DAY.
  - SWALES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED AS REQUIRED.
  - STRAW BALE DIKE, BERMS, AND SWALES ARE TO BE INSPECTED AFTER EACH STORM AND REPAIRS ARE TO BE MADE AS NEEDED.
  - SEDIMENT SHALL BE REMOVED AND SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO WITHIN ONE FOOT OF OUTLET ELEVATION.
  - SEDIMENT REMOVED FROM TRAP SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- DURING THE RAINY EVENTS, ALL PAVED AREAS SHALL BE KEPT CLEAR OF EARTH MATERIAL AND DEBRIS. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAINAGE SYSTEM.
- CONSTRUCTION ENTRANCE CONSISTING OF AN 8" THICK LAYER OF 2"-3" COARSE DRAIN ROCK FOR A DISTANCE OF 50 FEET IS TO BE PROVIDED AT EACH VEHICLE ACCESS POINT TO EXISTING PAVED STREETS.
- INLETS NOT USED IN CONJUNCTION WITH EROSION CONTROL TO BE BLOCKED UNLESS THE AREA DRAINED IS UNDISTURBED OR STABILIZED.
- ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED AND CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE DIRECTOR OF PUBLIC WORKS.
- THIS PLAN COVERS ONLY THE FIRST WINTER FOLLOWING GRADING. PLANS ARE TO BE RE-SUBMITTED FOR CITY APPROVAL PRIOR TO THE SEPTEMBER FIRST OF EACH SUBSEQUENT YEAR UNTIL THE SITE IMPROVEMENTS ARE ACCEPTED BY THE CITY.
- ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AND REPAIRED AT THE END OF EACH WORKING DAY OR DAILY DURING THE RAINY EVENTS.
- SEDIMENT BASINS SHALL BE CLEANED OUT WHENEVER SEDIMENT REACHES THE SEDIMENT CLEAN OUT LEVEL INDICATED ON THE PLANS.
- BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
- ALL CUT AND FILL SLOPES ARE TO BE PROTECTED TO PREVENT OVER BANK FLOW.
- THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. VARIATIONS MAY BE MADE TO THE PLAN IN THE FIELD SUBJECT TO THE APPROVAL OF THE CITY.
- ALL NEW ON-SITE DRAINS IN EXISTING OR PROPOSED AC PAVEMENT AREAS SHALL BE FITTED WITH A "FOSSIL FILTER FLOGARD" SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

### EROSION CONTROL LEGEND

- SEDIMENT ROLL DROP INLET SEDIMENT BARRIER
- CURB INLET SEDIMENT BARRIER
- SEDIMENT BARRIER ROLL
- TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

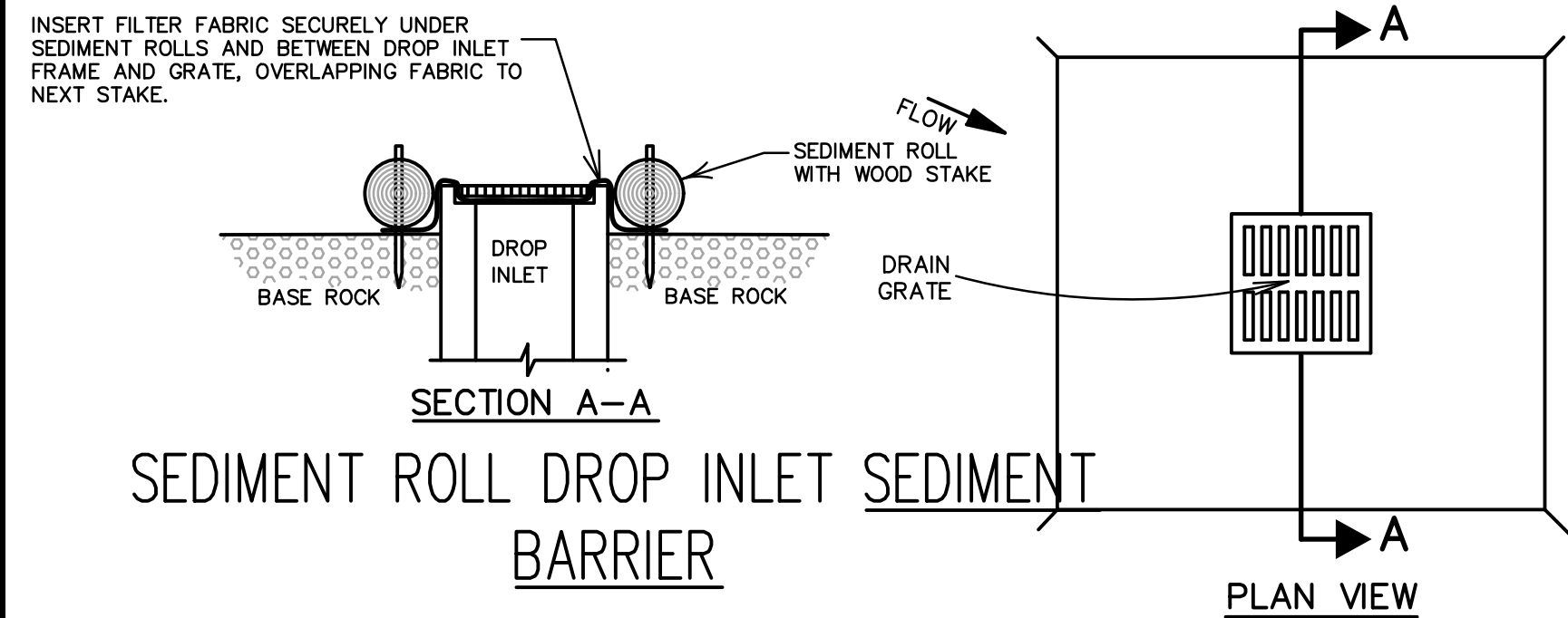


ENTRENCHMENT IN SLOPE AREA

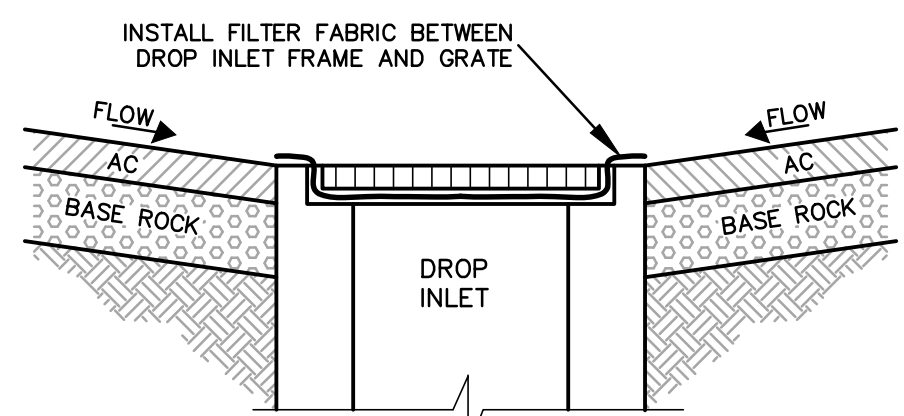


ENTRENCHMENT IN FLAT AREA

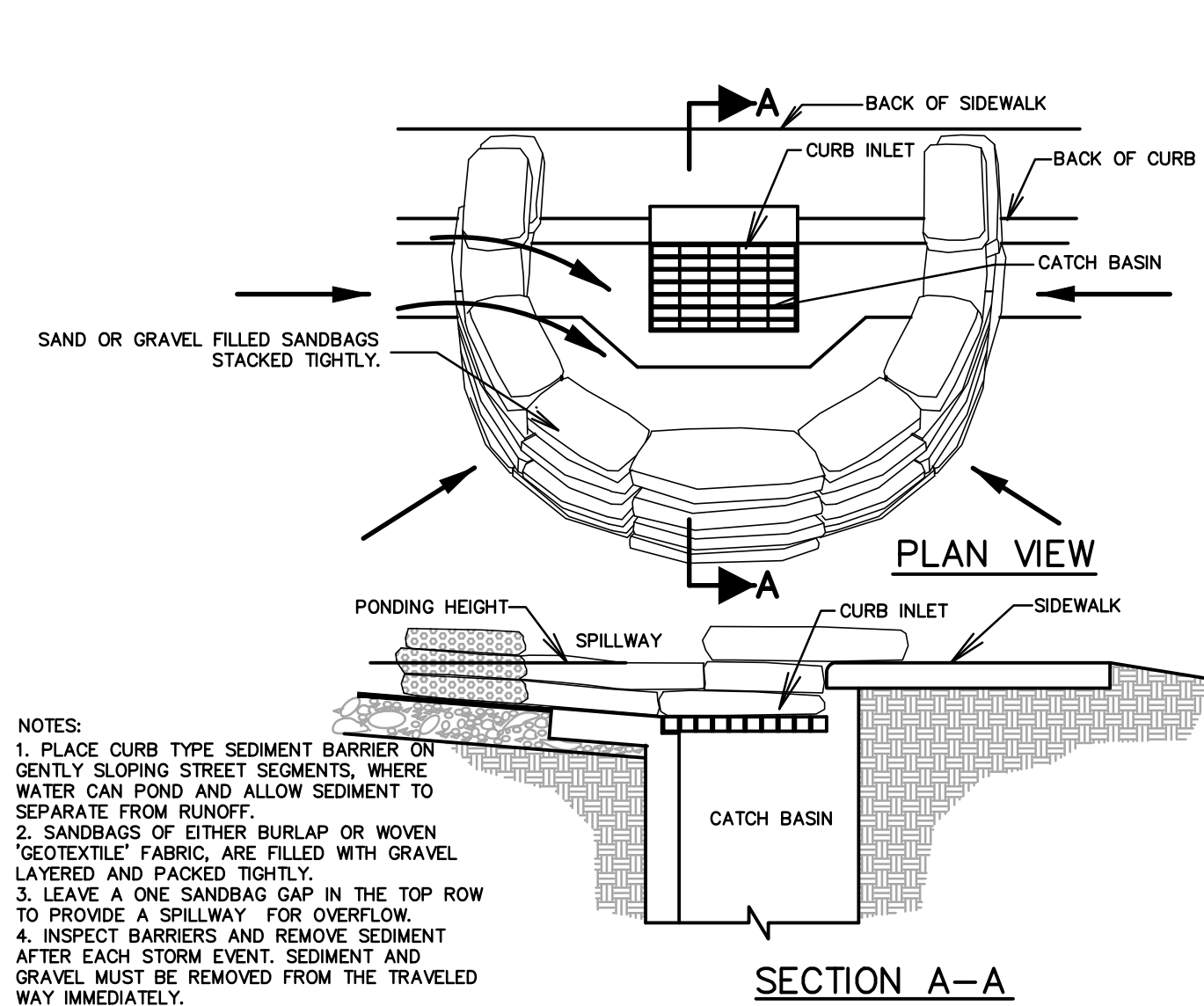
### SEDIMENT ROLL DETAILS



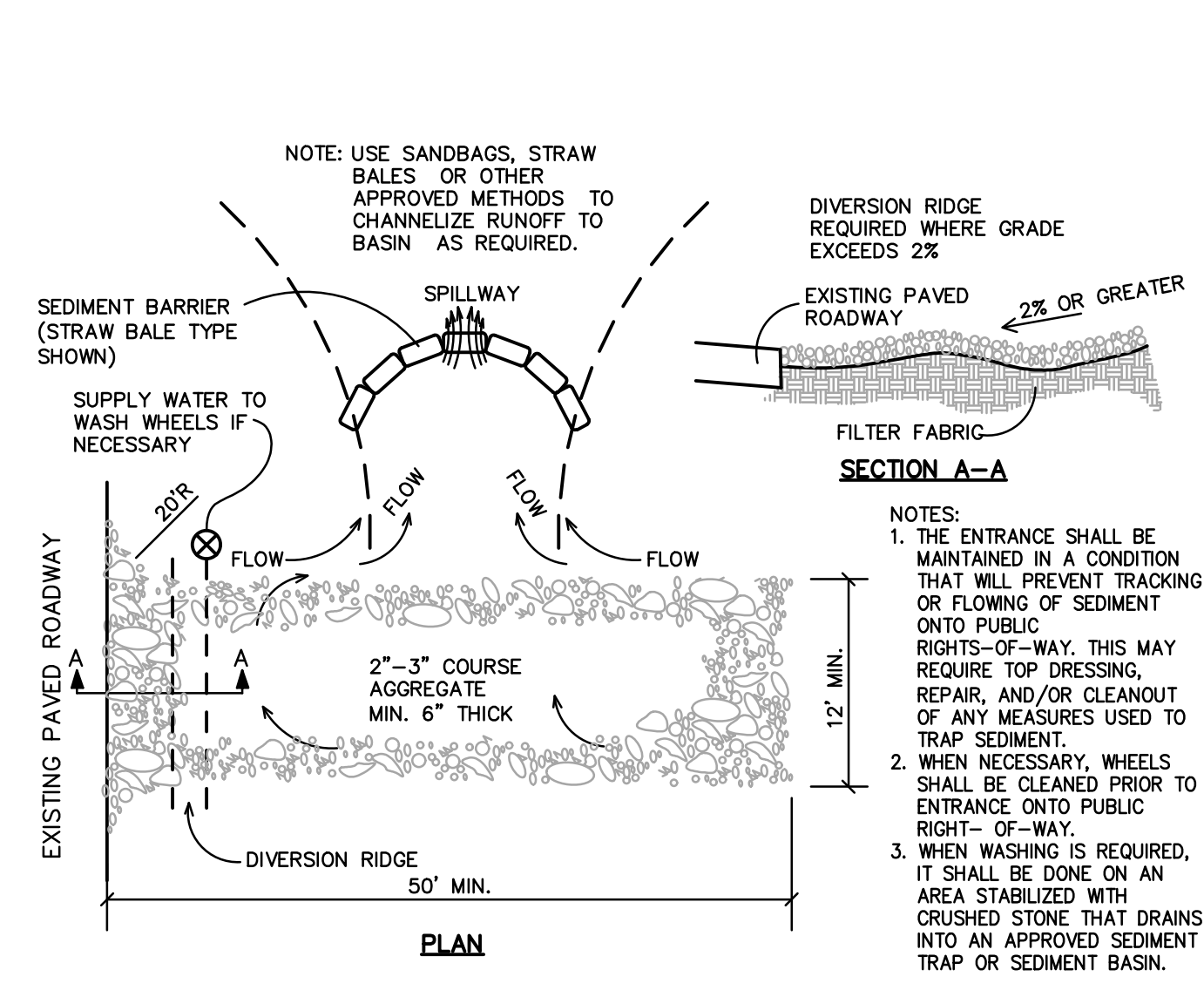
SEDIMENT ROLL DROP INLET SEDIMENT BARRIER



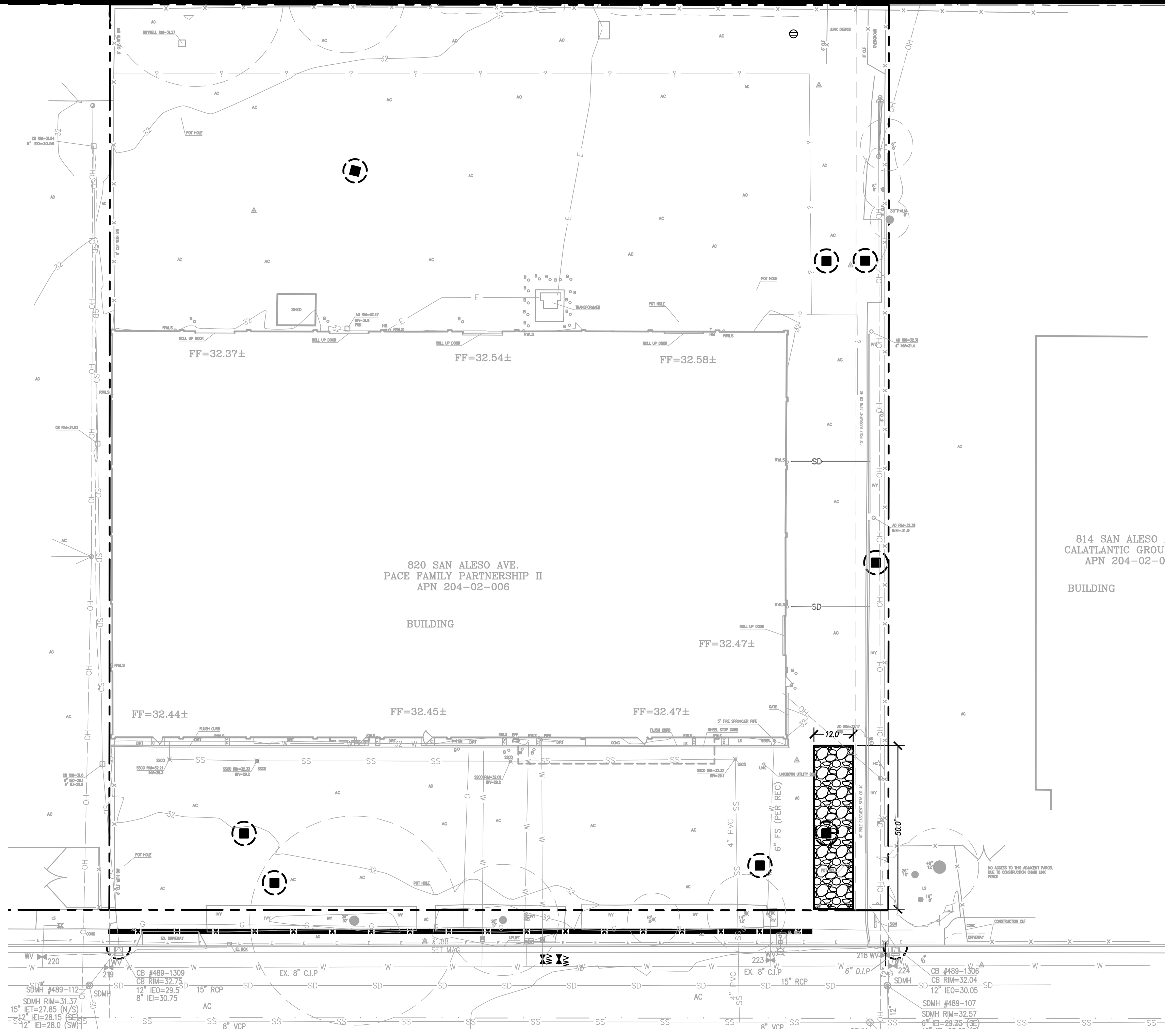
FILTER FABRIC DROP INLET SEDIMENT BARRIER (TO BE IN PLACE FOLLOWING PLACEMENT OF PAVEMENT ADJACENT TO DROP INLET.)



CURB INLET SEDIMENT BARRIER



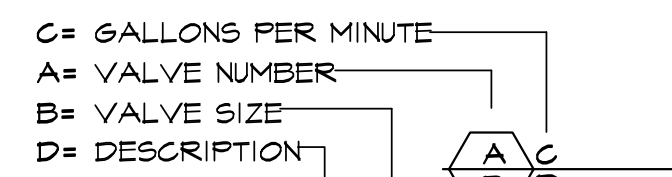
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT





**LATERAL PIPE SIZE CHART FOR SCHEDULE 40 PVC**

GPM	PIPE SIZE
0 - 7 GPM	3/4"
8 - 12 GPM	1"
13 - 22 GPM	1-1/4"
23 - 30 GPM	1-1/2"
31 - 50 GPM	2"
51 - 70 GPM	2-1/2"
71 - 110 GPM	3"
111 - 190 GPM	4"



**HYDROZONES:**



**HYDROZONE NOTES:**

- HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE I PER WUCOLS IV, 2014.
- HYDROZONE NUMBERS CORRESPOND TO VALVE NUMBERS.
- TREE HYDROZONE AREAS ESTIMATED FROM MATURE CANOPY SIZE BY SPECIES.

**IRRIGATION NOTES**

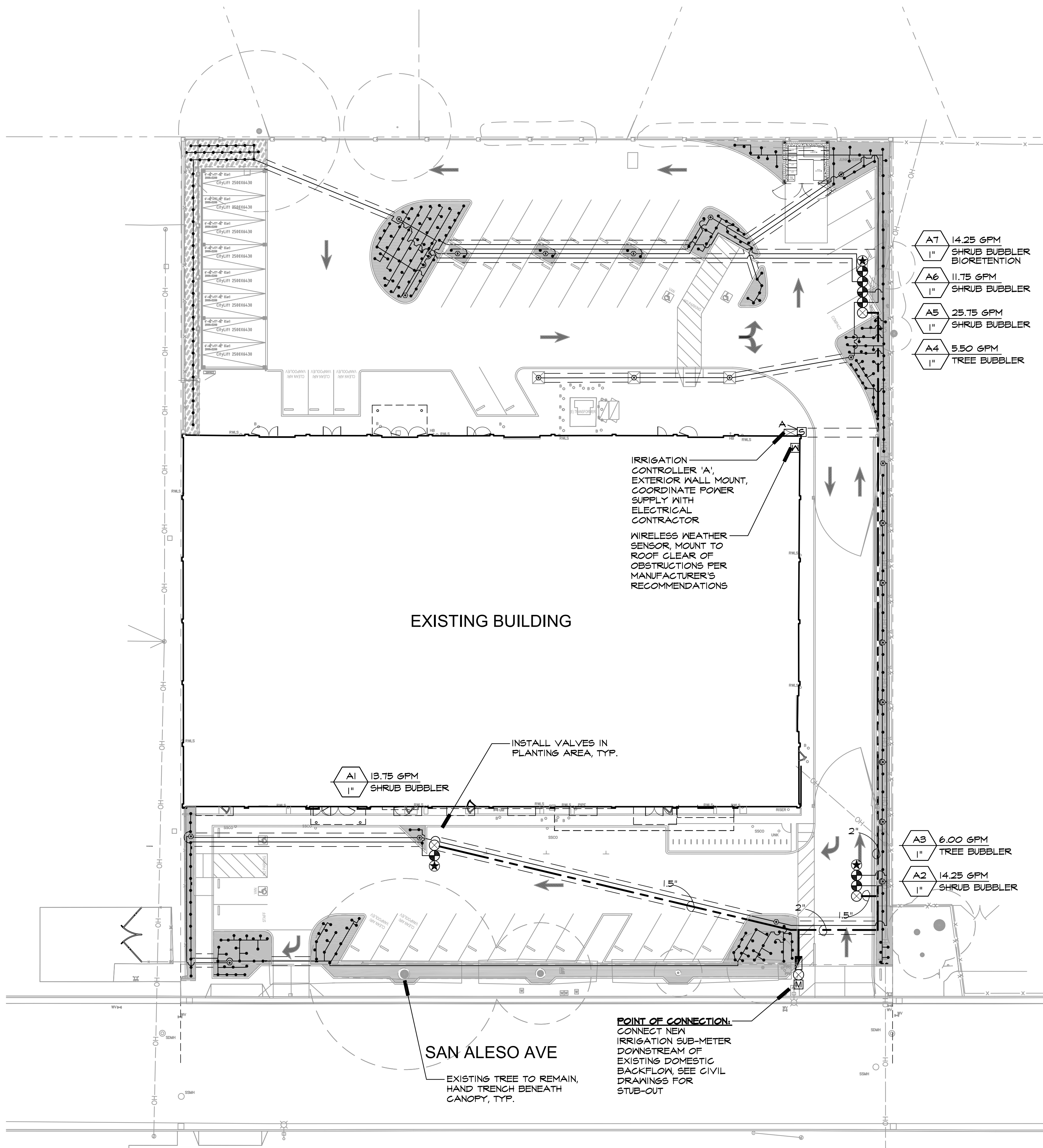
- I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.
- ALISSA J. NOGUEZ, CALIFORNIA LANDSCAPE ARCHITECT #3676
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF EXISTING AND PROPOSED UNDERGROUND SERVICES. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO BEGINNING WORK.
- CONTACT ARCHITECT SHOULD ANY CONFLICTS ARISE.
- THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS. THIS SYSTEM IS DESIGNED TO OPERATE AT 60 PSI AND 30.25 GPM FROM THE POINT OF CONNECTION. CONTRACTOR SHALL VERIFY PRESSURE AND FLOW PRIOR TO BEGINNING OF WORK. CONTACT ARCHITECT IMMEDIATELY SHOULD CONFLICTS ARISE.
- THE IRRIGATION SYSTEM DESIGN IS DIAGRAMMATIC. WHERE PIPING, VALVES, ETC. ARE SHOWN OUTSIDE OF PLANTING AREAS, THE INTENT IS FOR PIPING, VALVES, ETC. TO BE INSTALLED WITHIN PLANTING AREAS UNLESS OTHERWISE NOTED AND DETAILED.
- CONTRACTOR SHALL COORDINATE IRRIGATION INSTALLATION WITH OTHER TRADES. CONTRACTOR TO COORDINATE AND VERIFY ALL SLEEVING, PIPING, ELECTRICAL SUPPLY, POINT OF CONNECTION, ETC.
- CONTRACTOR IS RESPONSIBLE FOR COMPLETE AND UNIFORM COVERAGE OF ALL PLANTING AND TURF AREAS. CONTRACTOR TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN OPTIMUM OPERATING PRESSURE FOR EACH CIRCUIT, ADJUST SPRAY HEADS AND NOZZLES FOR OPTIMUM COVERAGE WHILE PREVENTING OVERSPRAY ONTO WALKWAYS AND STRUCTURES BY USE OF PRESSURE COMPENSATING DEVICES.
- ALL LATERAL LINES TO BE SIZED PER PIPE SIZE CHART.
- CONTRACTOR TO MAP "AS-BUILT" CONDITIONS OF THE IRRIGATION SYSTEM. PROVIDE DIMENSIONS FOR MAINLINE FROM NEAREST PAVED SURFACE OR BUILDING. REDUCE PLAN TO A LEGIBLE FORMAT, ENCASE IN PLASTIC AND PLACE IN CONTROLLER ENCLOSURE.
- WHERE TRENCHING IS REQUIRED BENEATH EXISTING PAVING, CONTRACTOR SHALL SAWCUT PAVING AND REPLACE TO MATCH EXISTING.
- REFER TO SPECIFICATIONS SECTION 01 56 39, TEMPORARY TREE AND PLANT PROTECTION, 32 84 00 - PLANTING IRRIGATION, AND IRRIGATION DETAILS ON SHEET L1.2 AND TREE PROTECTION DETAIL C ON SHEET L2.2

**IRRIGATION LEGEND**

SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
<b>BUBBLERS</b>						
•	1401	RAINBIRD	SHRUB BUBBLER, INSTALL ONE PER SHRUB OR VINE	0.25	30	-
⊙	1401	RAINBIRD	TREE BUBBLER, INSTALL TWO IN DRAIN TUBE, PER DETAIL	0.25	30	-
<b>VALVES</b>						
■	825Y	FEBCO	2" BACKFLOW PREVENTER IN STRONG BOX SBCC SERIES ENCLOSURE			
■	LHM15G1-MEL-NO	NETAFIM	1.5" HYDROMETER WITH REED SWITCH, NORMALLY OPEN			
⊗	TPC-505-TO	NIBCO	IPS BRONZE BALL VALVE, LINE SIZE			
⊕	100-PESB-PRS-D	RAINBIRD	PLASTIC ELECTRIC PRESSURE COMPENSATING REMOTE CONTROL VALVE, SIZE PER PLAN			
⊕	-	-	EXISTING REMOTE CONTROL VALVE TO REMAIN			
⊕	75-SL-VLC	TORO	QUICK COUPLING VALVE WITH RUBBER CAP, PROVIDE MATCHED QUICK COUPLING KEY AND HOSE SNIVEL (1 PER 5 VALVES) TO OWNER'S REPRESENTATIVE			
<b>CONTROLLERS / SENSORS</b>						
Ⓜ	MC-12F	RRITROL	12 STATION CONTROLLER, MOUNT TO EXTERIOR OF EXISTING BUILDING, COORDINATE POWER SUPPLY WITH ELECTRICAL TRADE			
Ⓜ	-	-	SPLICE BOX, CONCRETE IN PAVING, PLASTIC IN LANDSCAPE			
Ⓜ	CL-100 WIRELESS	RRITROL	WIRELESS RAIN SENSOR, MOUNT TO EXISTING BUILDING			
<b>PIPING</b>						
---			SCH 40 PVC NON-PRESSURIZED LATERAL LINE, COLOR TO BE PURPLE, 18" DEPTH, 36" DEPTH UNDER FIRE LANE AND STANDARD PAVING, NSF APPROVED, SIZE PER CHART			
---			SCH 40 (UP TO 2-1/2") CLASS 315 (3" TO 4") PVC PRESSURIZED MAINLINE, COLOR TO BE PURPLE, SIZE PER PLAN, 24" DEPTH, 36" DEPTH UNDER FIRE LANE AND VEHICULAR PAVING, NSF APPROVED, SIZE PER PLAN			
---			SCH 40 PVC SLEEVES, SIZE AS REQUIRED, 3" MIN, MINIMUM (2) IN EACH LOCATION			

Reference Evapotranspiration (Eto)	45.3	Project Type	School	ETAF (PF/E)	0.65		
Hydrozone # / Planting Description	Plant Factor (PF)	Irrigation Method	Irrigation Efficiency (IE)c	Landscape Area (Sq. Ft.)	ETAF x Area	Estimated Total Water Use (ETWU)d	
<b>Regular Landscape Areas</b>							
A1, Shrub Bubbler	0.3	Drip	0.81	0.37	1780	659	18516
A2, Shrub Bubbler	0.3	Drip	0.81	0.37	650	241	6761
A3, Tree Bubbler	0.3	Drip	0.81	0.37	2513	931	26141
A4, Tree Bubbler	0.3	Drip	0.81	0.37	4241	1571	44116
A5, Shrub Bubbler	0.3	Drip	0.81	0.37	1356	502	14105
A6, Shrub Bubbler	0.5	Drip	0.81	0.62	412	254	7143
				Totals	10952	4158	116782
<b>Special Landscape Areas</b>							
A7, Shrub Bubbler, bioretention				1	908	908	25502
				Totals	908	908	25502
					ETWU Total	142284	
					Maximum Allowed Water Allowance (MAWA)e	225441	

ETAF Calculations	
Regular Landscape Areas	
Total ETAF x Area	4158
Total Area	10952
Average ETAF	0.38
All Landscape Areas	
Total ETAF x Area	5066
Total Area	11860
Average ETAF	0.43



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Project Title

**SUMMIT SAN ALESO**

USE PERMIT APPLICATION

824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085

**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

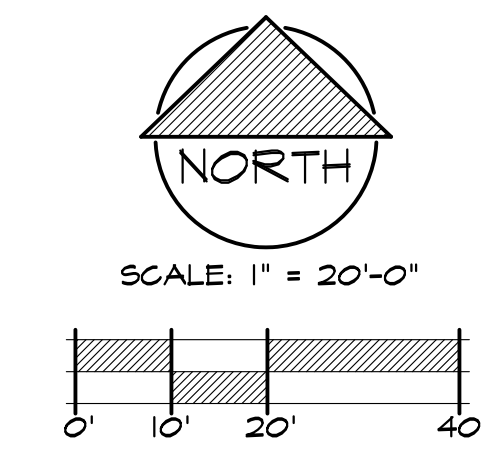
Drawing Title

**IRRIGATION PLAN**

Regulatory Agency Approval	Architect Seal
File Number	Drawing No
Application Number	
Project No.	
Date	

128197  
ANLA: 1744  
12.01.17

**L1.1**

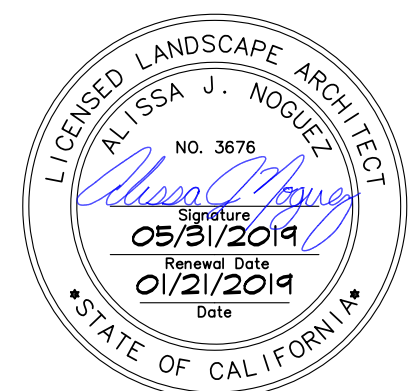






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Key Plan

Project Title

**SUMMIT SAN ALESO**  
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Drawing Title

**IRRIGATION DETAILS**

Regulatory Agency Approval

Architect Seal

File Number

Drawing No

Application Number

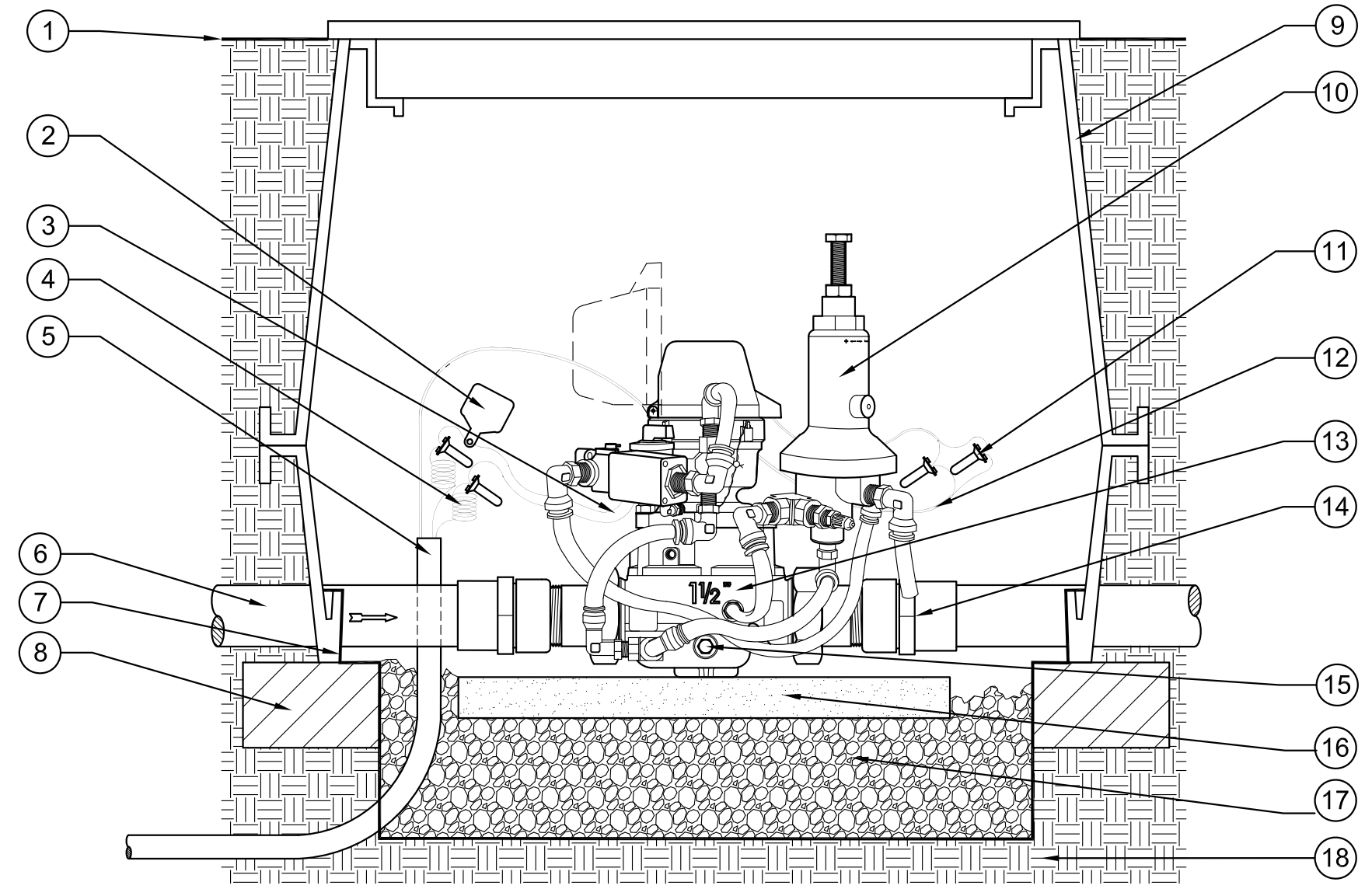
Project No.

128197  
ANLA: 1744

Date

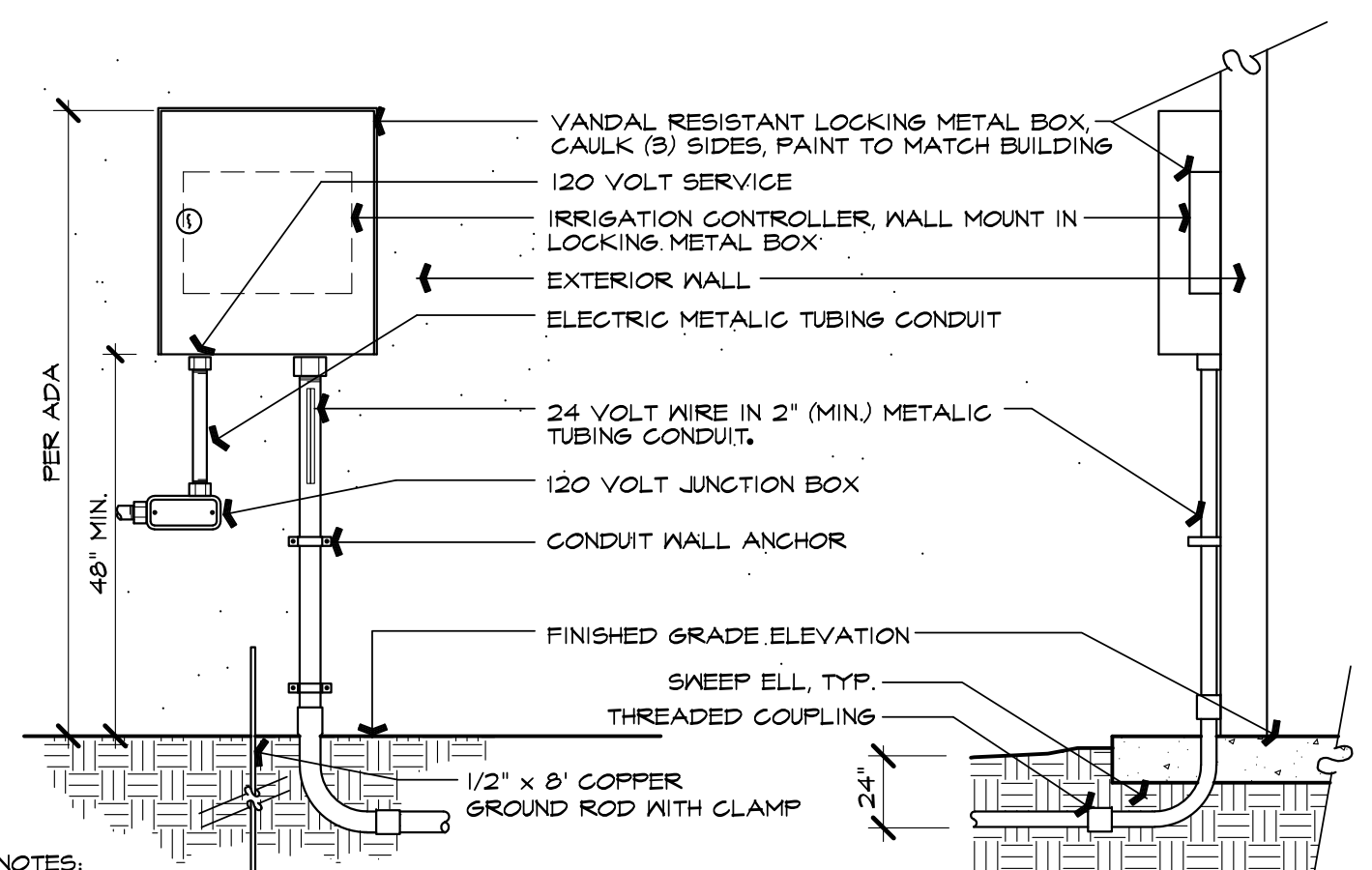
12.01.17

**L1.2**



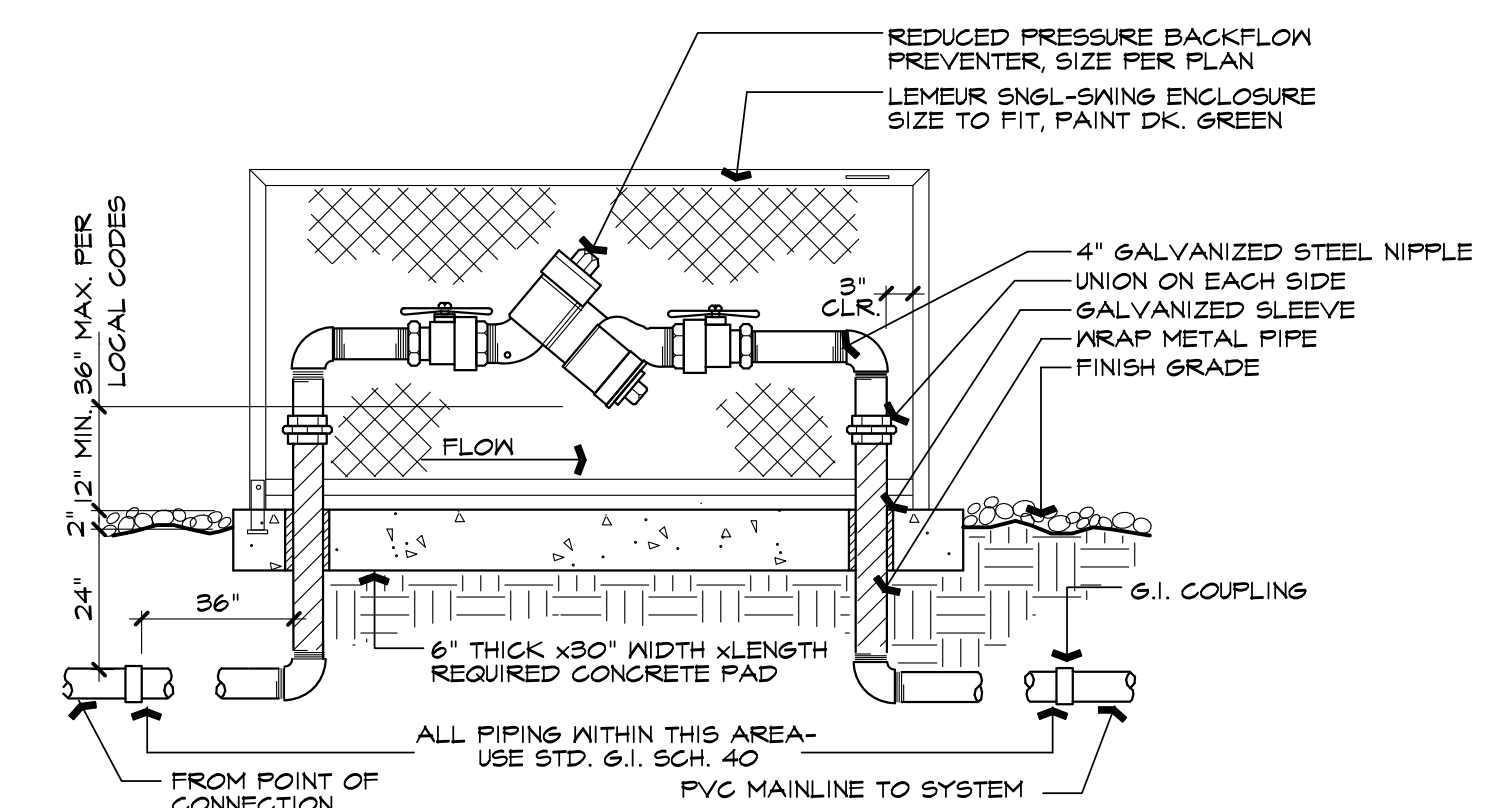
- LEGEND**
1. FINISH GRADE.
  2. VALVE I.D. TAG WITH "MV" PRINTED ON IT.
  3. MASTER VALVE WIRES FROM SOLENOID (INCLUDED).
  4. PAIR OF WIRES, COLOR CODED DIFFERENT THAN OTHER VALVES. REFER TO CONTROLLER SPECS.
  5. 1 1/2" SCH 40 CONDUIT FROM CONTROLLER PER SPECS. PULL BOXES EVERY 200' AND ON EACH SIDE OF HARDSCAPES AREA.
  6. PVC MAINLINE PIPING PER IRRIGATION LEGEND. (PLAN SIZE)
  7. FILTER FABRIC PER SPECS.
  8. BRICK SUPPORT. (4 TOTAL/ 1 @ EA CORNER)
  9. JUMBO VALVE BOX WITH EXTENSION(S) PER SPECS. HEAT BRAND "MV-FS" ON LID WITH 2" HIGH BLOCK LETTERS.
  10. PRESSURE REDUCING PILOT
  11. WATERPROOF WIRE CONNECTORS (3M DBY/DBR).
  12. SHIELDED FLOW SENSOR WIRES TO CONTROLLER (PER CONTROLLER SPECS).
  13. NETAFIM HYDROMETER, REFER TO LEGEND FOR MODEL NUMBER.
  14. STAINLESS STEEL REINFORCED SCH.80 PVC SPIGOT FEMALE ADAPTOR (LINE SIZE)
  15. DRAINAGE NUT FOR WINTERIZATION (INCLUDED).
  16. CONCRETE PAVER SUPPORT BLOCK.
  17. COMPACTED 3/4" WASHED GRAVEL. 12" THICK MIN.
  18. COMPACTED NATIVE SOIL.

**C HYDROMETER**



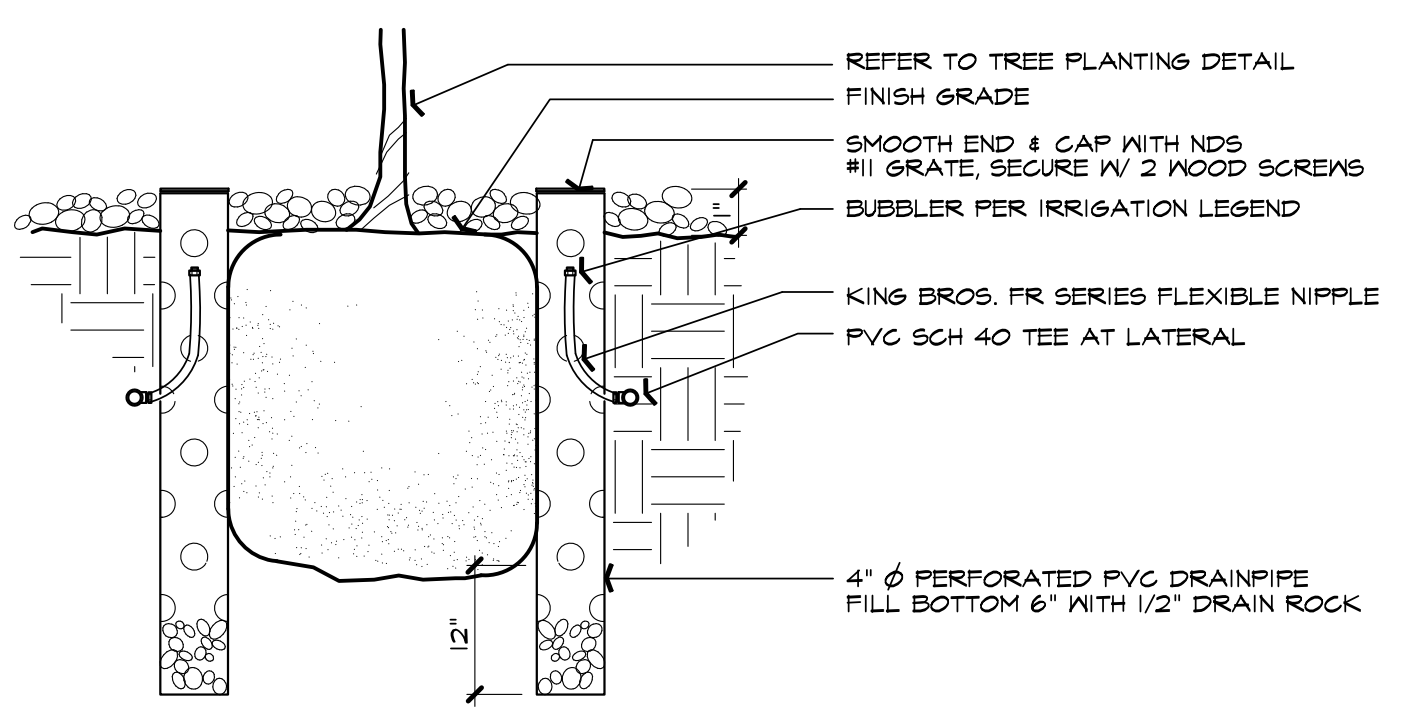
- NOTES:**
1. INSTALL AND MOUNT CONTROLLER PER MANUFACTURER'S SPECS.
  2. LOCATE NEAR PHONE CONNECTION AND OUTLET, WHENEVER POSSIBLE.
  3. COORDINATE WITH MECHANICAL AND ELECTRICAL TRADES.
  4. PAINT ALL ABOVE GROUND CONDUITS AND BOX TO MATCH BUILDING.
  5. SIZE CONTROL WIRE CONDUIT AS REQUIRED TO ACCOMMODATE QUANTITY OF WIRES FOR CONTROLLER CAPACITY.
  6. INSTALLATION SHALL BE CHILD-PROOF AND CHILD-SAFE SUCH THAT CONDUIT AND CONNECTORS ARE SECURELY ATTACHED FLUSH TO WALL AND NO WIRES ARE EXPOSED.

**B CONTROLLER**

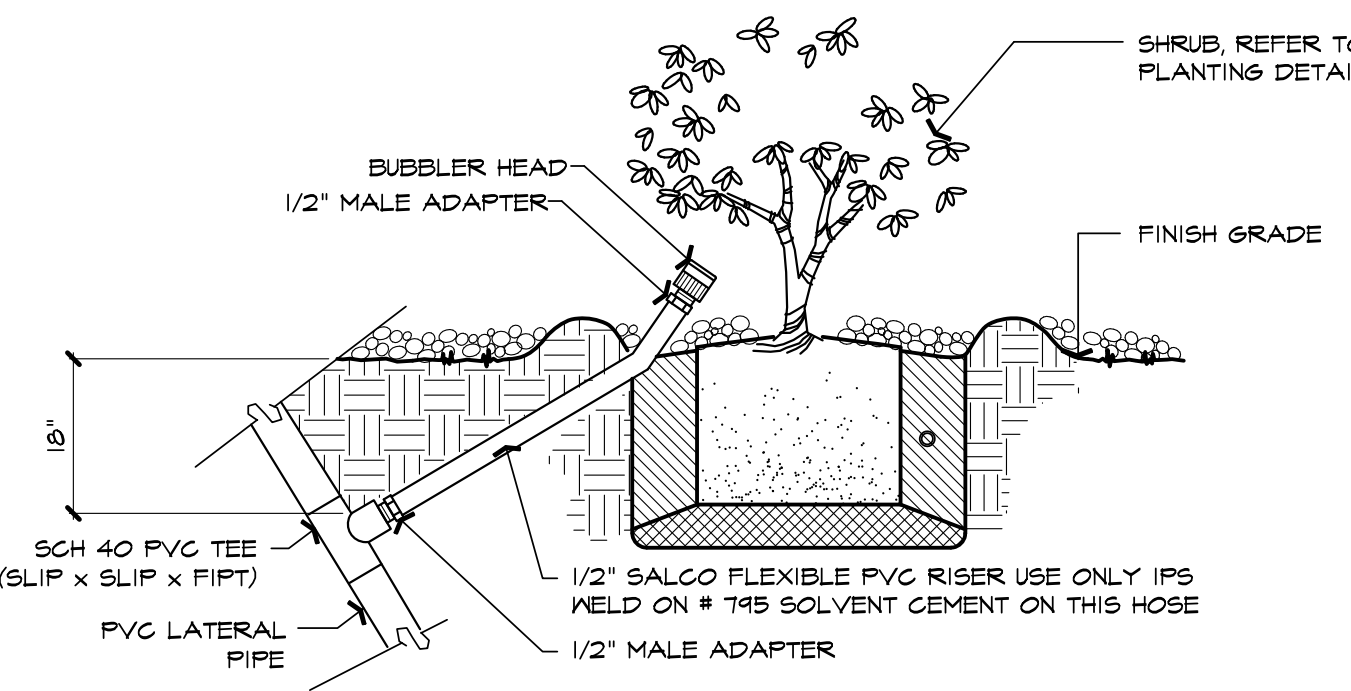


- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL STATE AND LOCAL CODES.
  2. INSTALL WITH 18" CLEAR TO WALL, EDGE, ETC.
  3. PAINT ABOVE GRADE MATERIALS WITH 2 COATS RUSTOLEUM PAINT. COLOR TO BE SELECTED BY OWNER'S REPRESENTATIVE.
  4. WRAP ALL BELOW GRADE METAL PIPE WITH 010" x 2" P.E. TAPE. USE HALF LAP.
  5. USE TEFLON PASTE PIPE THREAD SEALANT FOR ALL THREADED CONNECTIONS.

**A BACKFLOW PREVENTER WITH ENCLOSURE** SCALE: N.T.S.

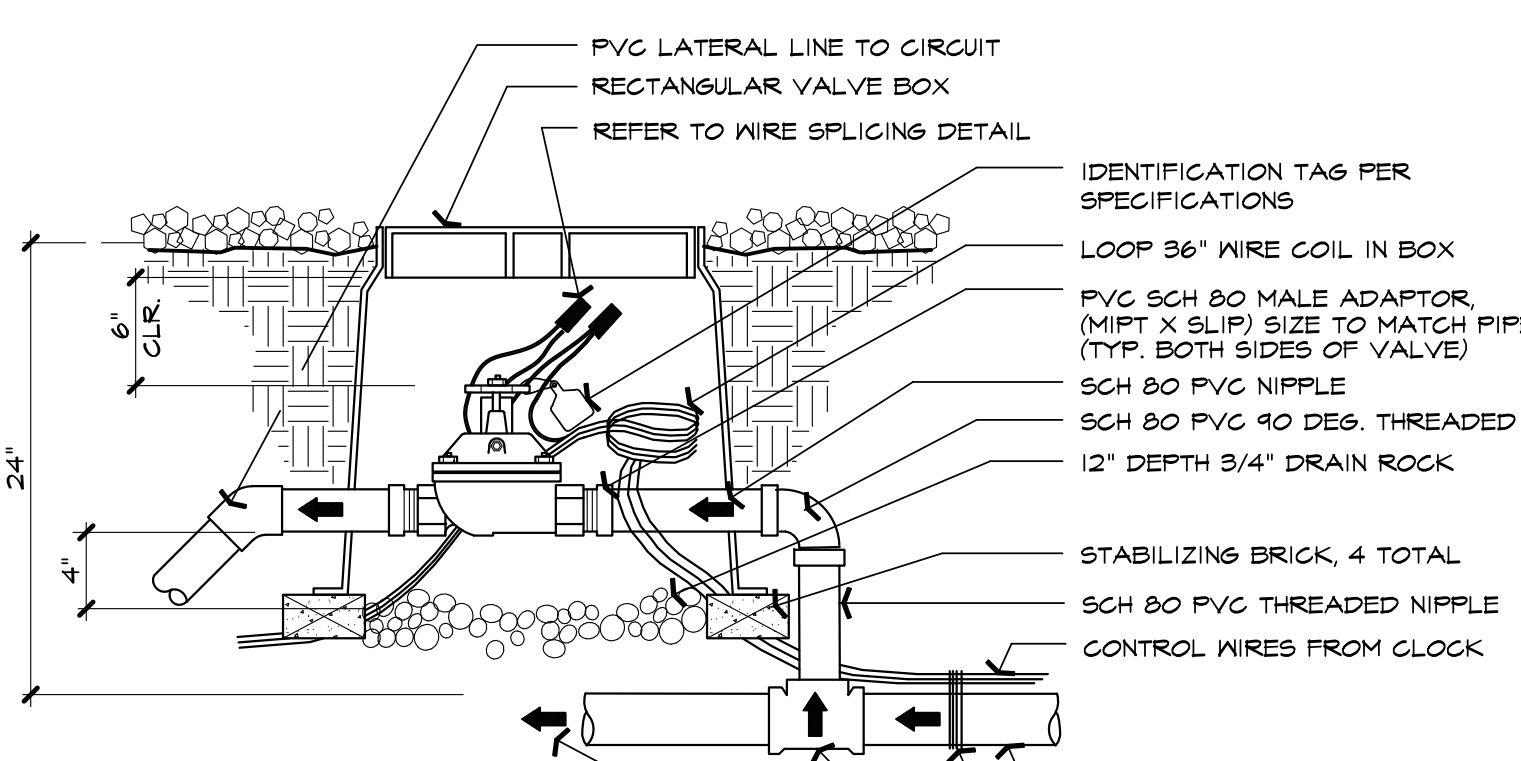


**G TREE BUBBLER** SCALE: N.T.S.



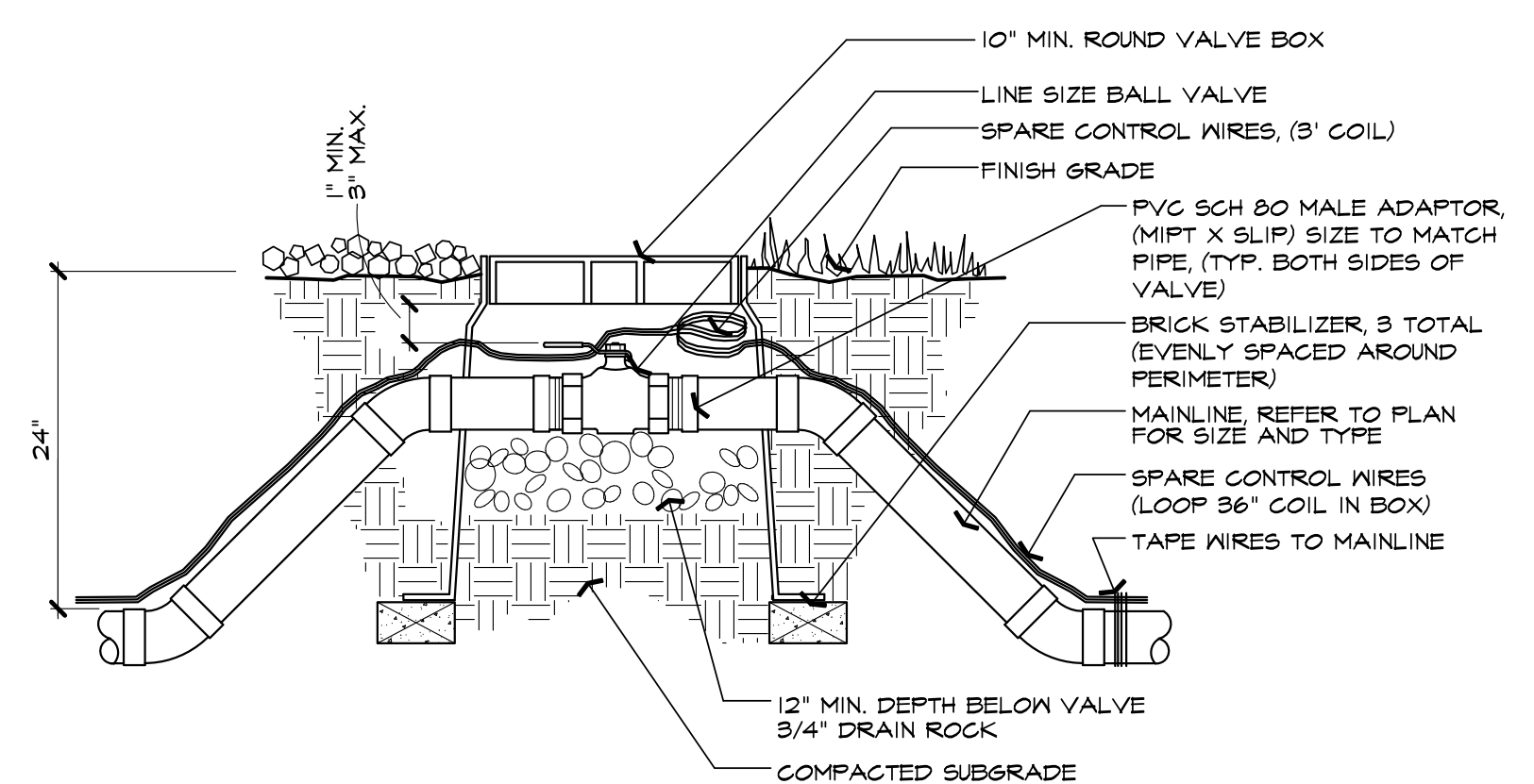
- NOTES:**
1. FLEXIBLE TUBING NOT TO EXTEND MORE THAN 1-1/2" ABOVE FINISH GRADE.
  2. INSTALL AND ADJUST BUBBLER TO APPLY WATER ON ROOTBALL OF EACH SHRUB.
  3. CONTRACTOR SHALL INSTALL CHECK VALVES AS REQUIRED ON SLOPES TO MINIMIZE RUN-OFF AND AVOID POOLING OF WATER FROM LOW HEAD RUN-OFF.
  4. INSTALL BUBBLER ON HIGH SIDE OF SLOPE WHEN SHRUB IS PLANTED ON SLOPE.

**F SHRUB BUBBLER** SCALE: N.T.S.



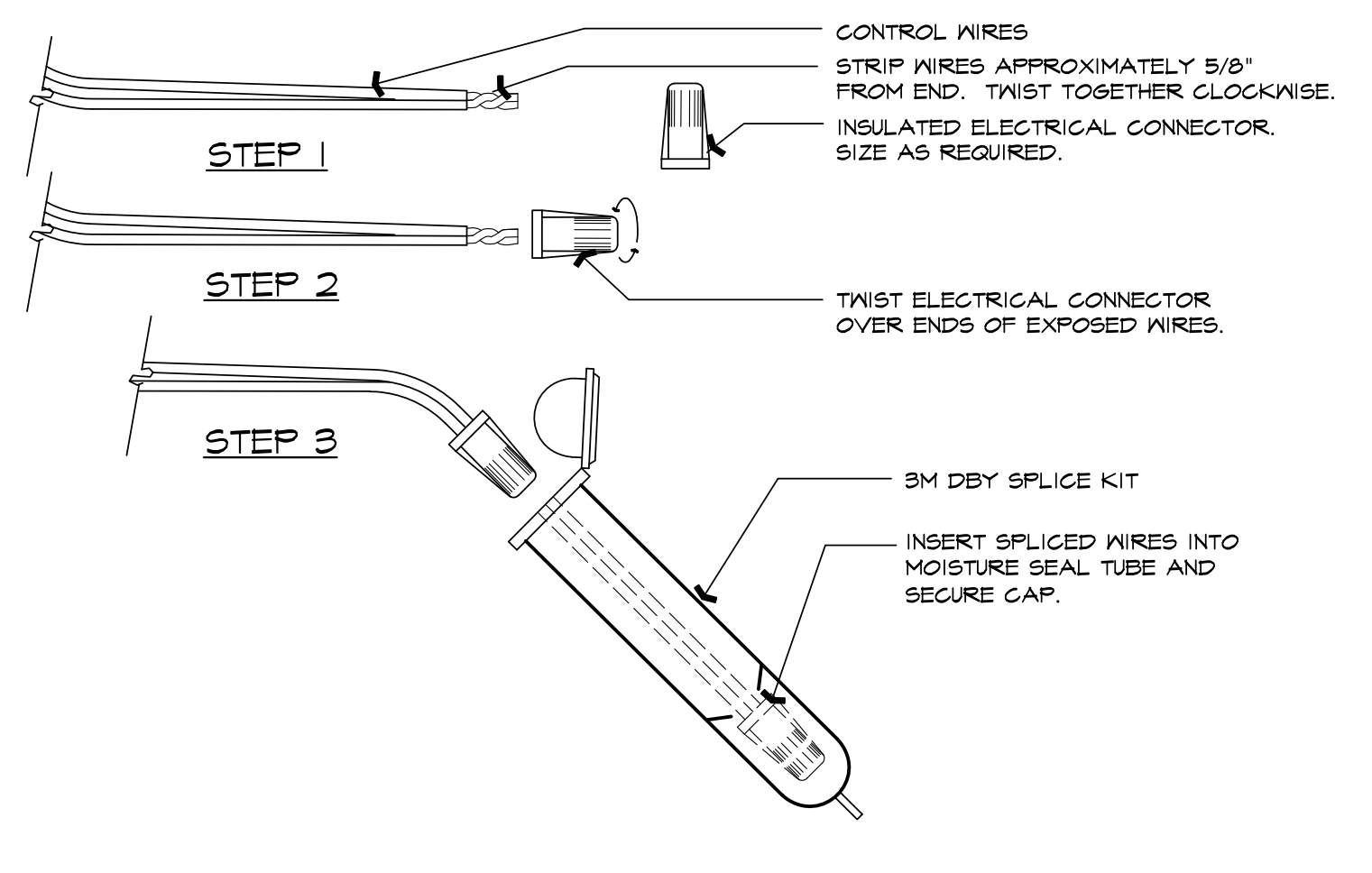
- NOTES:**
1. LIMIT ONE CONTROL VALVE PER BOX.
  2. NO EARTH FILL INSIDE BOX OR TOUCHING VALVE.
  3. USE TEFLON PASTE PIPE THREAD SEALANT ON THREADED CONNECTIONS.
  4. EACH CONTROL VALVE TO HAVE MANUAL BLEED AND FLOW CONTROL.
  5. ADJUST EACH CONTROL VALVE TO OPTIMUM FLOW AS REQUIRED BY THE HEADS.

**E REMOTE CONTROL VALVE** SCALE: N.T.S.

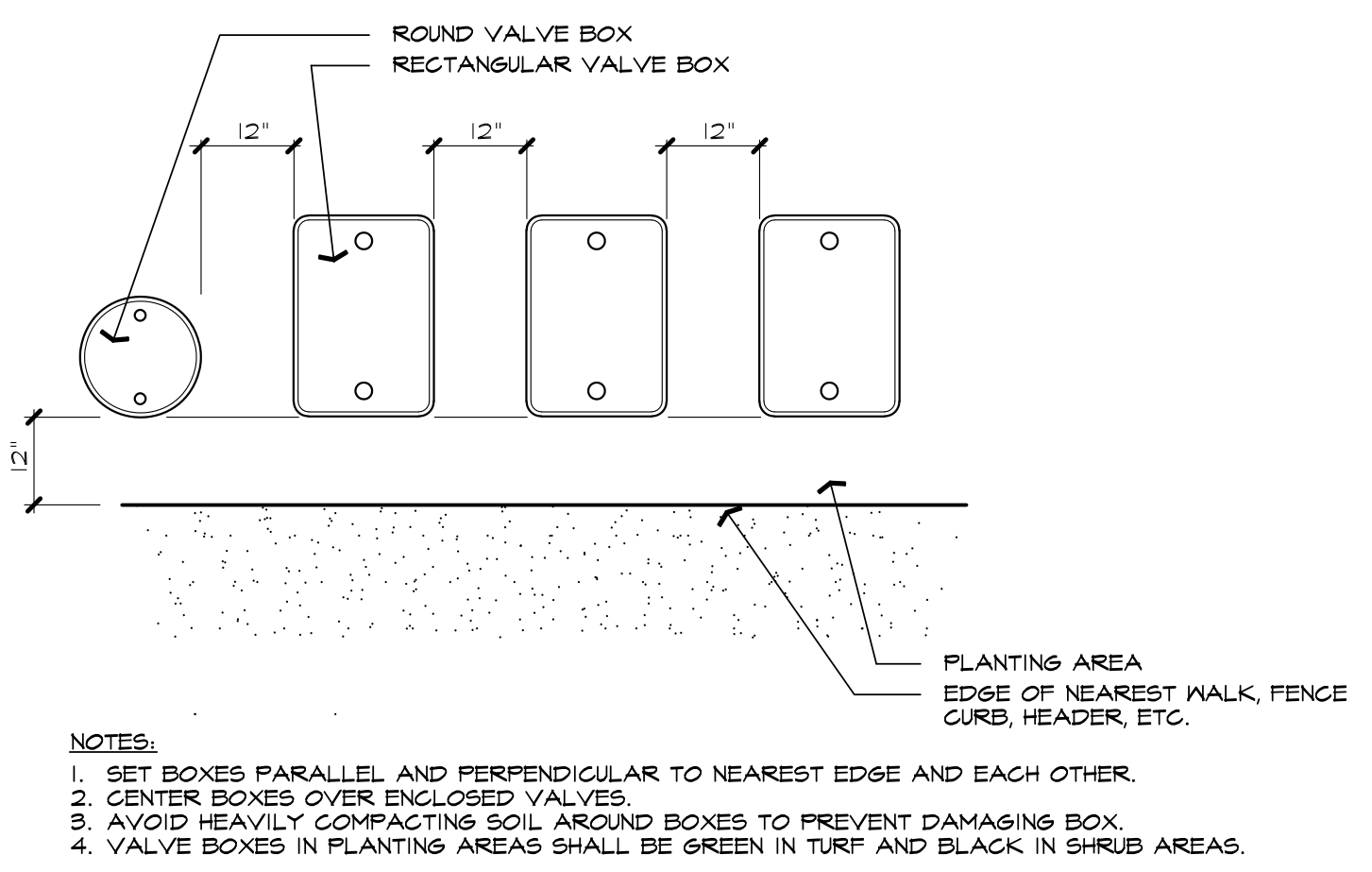


- NOTES:**
1. VALVE BOX SHALL BE SIZED AND INSTALLED TO ALLOW FREE MOVEMENT OF BALL VALVE HANDLE. DO NOT CUT VALVE HANDLE.
  2. CONTRACTOR SHALL RUN SPECIFIED QUANTITY OF SPARE CONTROL WIRES THROUGH EACH BALL VALVE BOX AND COIL 3' LOOP FOR FUTURE USE.

**D BALL VALVE** SCALE: N.T.S.

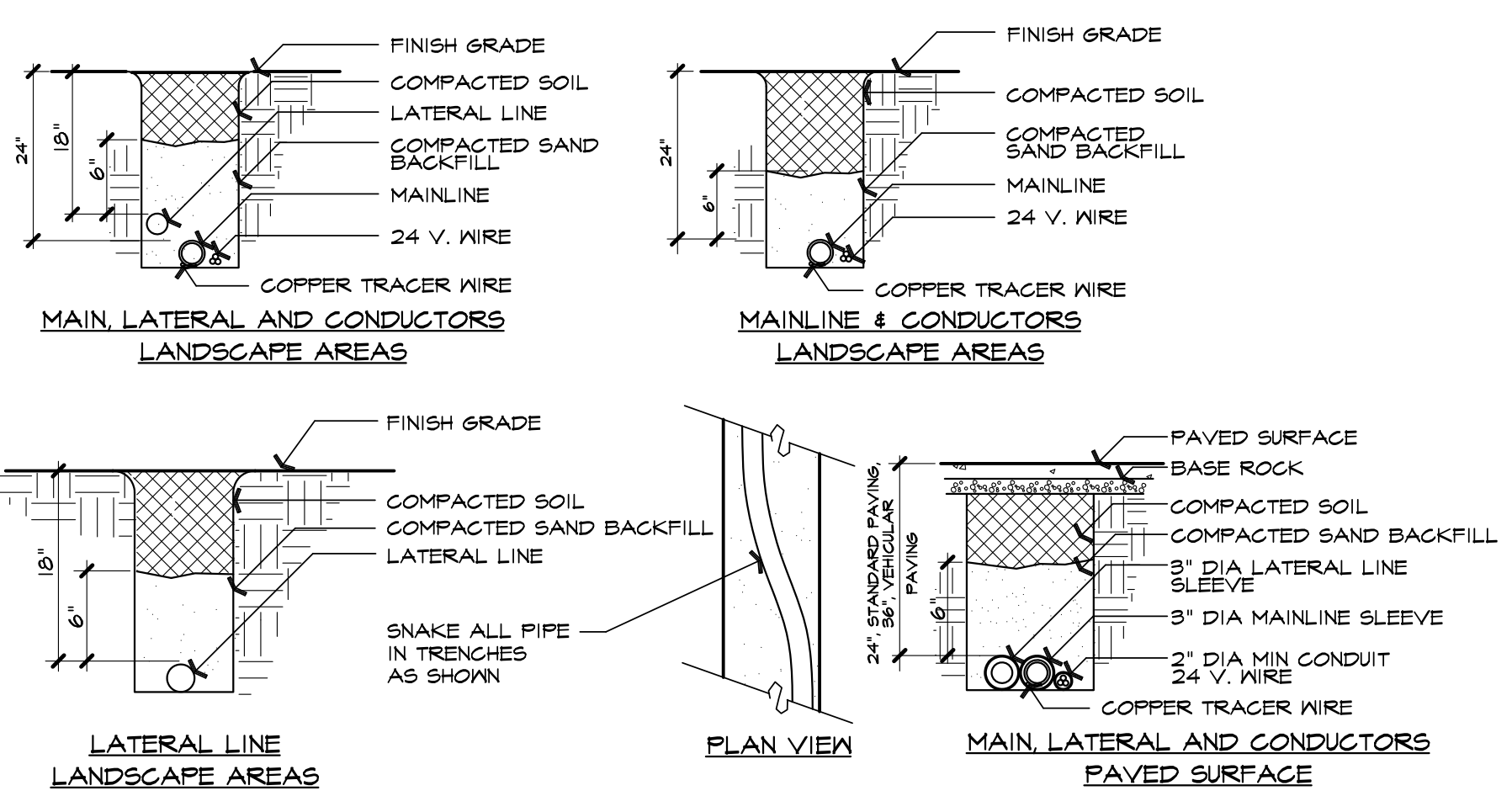


**J WIRE SPLICING** SCALE: N.T.S.



- NOTES:**
1. SET BOXES PARALLEL AND PERPENDICULAR TO NEAREST EDGE AND EACH OTHER.
  2. CENTER BOXES OVER ENCLOSED VALVES.
  3. AVOID HEAVILY COMPACTING SOIL AROUND BOXES TO PREVENT DAMAGING BOX.
  4. VALVE BOXES IN PLANTING AREAS SHALL BE GREEN IN TURF AND BLACK IN SHRUB AREAS.

**I VALVE BOX ALIGNMENT** SCALE: N.T.S.



- NOTES:**
1. TAPE AND BUNDLE CONTROL WIRES AT 10 FOOT INTERVALS.
  2. LAY IRRIGATION SUPPLY LINE ON NATIVE SOIL BED. BACKFILL WITH SAND, COMPACT SAND BY FLOODING.
  3. PROVIDE SLEEVES FOR ALL LINES AND WIRES BENEATH PAVING.

**H TRENCHING** SCALE: N.T.S.

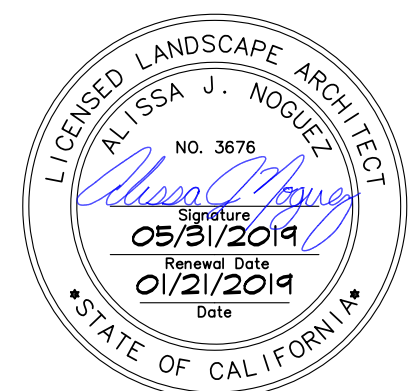
**A BACKFLOW PREVENTER WITH ENCLOSURE** SCALE: N.T.S.





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**PLANTING NOTES**

- I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.
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- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
- CONTRACTOR SHALL BECOME FAMILIAR WITH THE LOCATION OF ALL EXISTING AND FUTURE UNDERGROUND SERVICES AND IMPROVEMENTS WHICH MAY CONFLICT WITH WORK TO BE DONE. CONTACT UNDERGROUND SERVICE ALERT (USA) AT (800) 642-2444 PRIOR TO DIGGING. NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY SHOULD CONFLICTS ARISE.
- FINE GRADING, HEADERS AND IRRIGATION COVERAGE SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.
- CONTRACTOR SHALL LAY OUT PLANT MATERIAL PER PLAN AND FACE TO GIVE BEST APPEARANCE OR RELATION TO ADJACENT PLANTS, STRUCTURES OR VIEWS. CONTRACTOR TO OBTAIN APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION.
- PLANT MATERIAL SHALL NOT BE INSTALLED IN AN AREA WHICH WILL CAUSE HARM TO ADJACENT STRUCTURES OR OBSTRUCT IRRIGATION SPRAY PATTERN. NOTIFY THE OWNER SHOULD CONFLICTS ARISE.
- PLANT LOCATIONS ARE DIAGRAMMATIC AND MAY BE ADJUSTED IN THE FIELD AT THE LANDSCAPE ARCHITECT'S REQUEST PRIOR TO INSTALLATION. OBTAIN APPROVAL OF PLANT LAYOUT FROM OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
- UNLESS OTHERWISE NOTED, FINISH GRADE OF SHRUB AND GROUND COVER AREAS SHALL BE 2" BELOW ADJACENT PAVING. TAPER 3" DEPTH BARK MULCH TOP DRESSING TO 1/2" BELOW ADJACENT PAVING (1-1/2" DEPTH) WITHIN 2' OF PAVING. FINISH GRADE OF SEEDED TURF AREAS SHALL BE 1/2" BELOW ADJACENT PAVING. FINISH GRADE OF SODDED TURF AREAS SHALL BE 1" BELOW ADJACENT PAVING.
- GROUND COVERS SHALL BE PLANTED EVENLY AND CONTINUOUSLY UNDER TREE AND SHRUB MASSES.
- ALL PLANTING AREAS SHALL RECEIVE A 3" MIN. DEPTH BARK MULCH TOP DRESSING. BARK MULCH SHALL BE REPUBLIC SERVICES PRO-CHIP MULCH IN NON-BIORETENTION PLANTERS AND SUNGRO HORTICULTURE'S SHREDDED CEDAR BARK MULCH IN BIORETENTION AREA.
- ALL NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.
- ALL EXISTING TREES, SHRUBS AND GROUND COVERS TO REMAIN SHALL BE PROTECTED. ANY DAMAGE CAUSED BY CONTRACTOR'S WORK OR NEGLIGENCE SHALL BE REPLACED OR REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- THIRTY DAYS AFTER PLANTING, CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NECESSARY.
- REFER TO PLANTING DETAILS, SHEET L2.2 AND SPECIFICATIONS SECTIONS:  
01 56 91 TEMPORARY TREE AND PLANT PROTECTION  
32 46 00 PLANTING

**PLANT LEGEND**

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WUCOLS WATER NEEDS
<b>TREES:</b>				
LAG IND	24" BOX	LAGERSTROEMIA INDICA 'TONTA', STANDARD	GRAPE MYRTLE	LOW
PIS CHI	24" BOX	PISTACIA CHINENSIS, STANDARD	CHINESE PISTACHE	LOW
ULM PAR	24" BOX	ULMUS PARVIFOLIA 'DRAKE', STANDARD	CHINESE ELM	LOW
<b>SHRUBS:</b>				
ARC DEN	5 GAL	ARCOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	VINE HILL MANZANITA	LOW
BAC PIL	5 GAL	BACCHARIS PILULARIS 'TWIN PEAKS II'	COYOTE BRUSH	LOW
DIE VE	5 GAL	DIETES VEGETA	FORTNIGHT LILY	LOW
CEA THR	5 GAL	CEANOTHUS THYRSIFLORUS 'SKYLARK'	WILD LILAC	LOW
JUN PAT	1 GAL	JUNCUS PATENS	COMMON RUSH	LOW
LEY CON	1 GAL	LEYMUS CONDENSATUS 'CANYON PRINCE'	WILD RYE	LOW
MUH RIG	5 GAL	MUHLENBERGIA RIGENS	DEER GRASS	LOW
POD MA	15 GAL	PODOCARPUS MACROPHYLLUS 'MAKI'	SHRUBBY YEW PINE	MODERATE
RHA CAL	5 GAL	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO'	DEER GRASS	LOW
ZAU CAL	1 GAL	ZAUCHNERIA CALIFORNICA	CALIFORNIA FUSCHIA	LOW

**SHADE CALCULATIONS:**

PARKING LOT AREA: 26,909 SF, 100%  
SHADED PARKING LOT AREA REQUIRED IN 15 YEARS: 13,455 SF, 50%  
SHADED PARKING LOT AREA PROVIDED IN 15 YEARS: 7,663 SF, 29%

**HYDROZONES:**

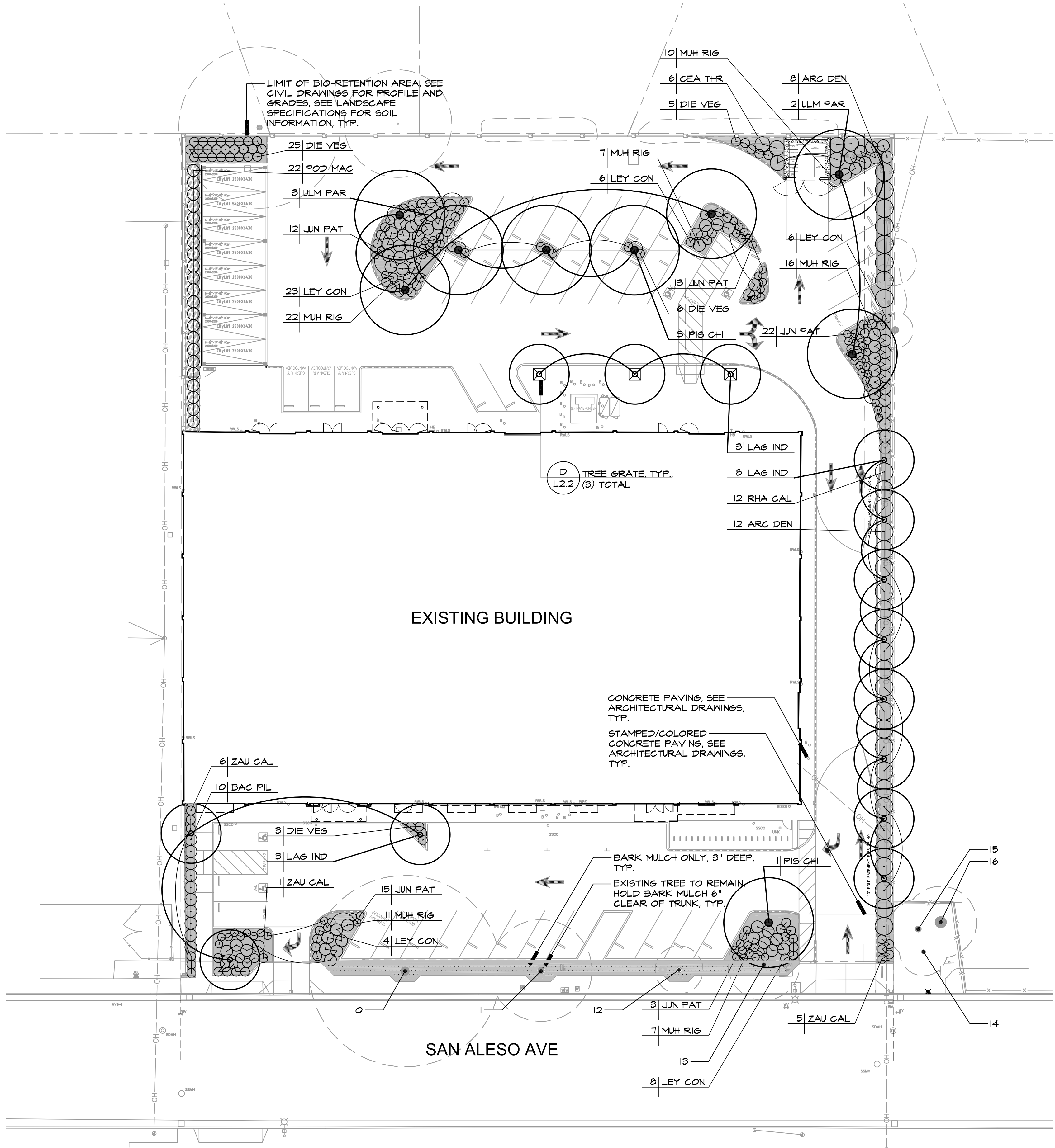
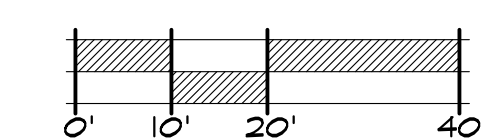
LOW  
MODERATE  
HYDROZONE NOTES:  
1. HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE I PER WUCOLS IV, 2014.  
2. SEE IRRIGATION PLAN FOR HYDROZONE NUMBERS AND CALCULATIONS

**EXISTING SITE TREES**

TREE	BOTANICAL NAME	COMMON NAME	TRUNK DIAMETER	HEIGHT/SPREAD	DISPOSITION
10	CELTIS SP.	HACKBERRY SPECIES	30.0	40/50	TO REMAIN
11	CELTIS SP.	HACKBERRY SPECIES	30.7	40/45	TO REMAIN
12	CELTIS SP.	HACKBERRY SPECIES	9.5	16/15	TO REMAIN
13	CELTIS SP.	HACKBERRY SPECIES	13.0	30/30	TO REMAIN
14	SEQUOIA SEMPERVIRENS	COAST REDWOOD	18.4	70/15	TO REMAIN
15	SEQUOIA SEMPERVIRENS	COAST REDWOOD	23.2	70/18	TO REMAIN
16	SEQUOIA SEMPERVIRENS	COAST REDWOOD	42.0	90/35	TO REMAIN



SCALE: 1" = 20'-0"



Key Plan

Project Title

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**USE PERMIT APPLICATION**  
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SUNNYVALE, CA 94085  
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Drawing Title

**PLANTING PLAN**

Regulatory Agency Approval	Architect Seal
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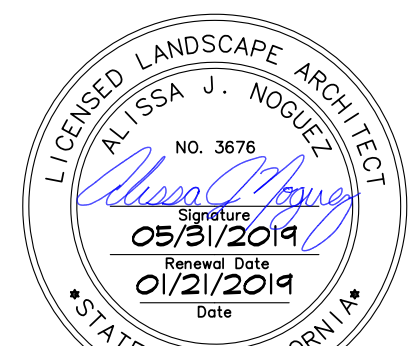
File Number	-	Drawing No	<b>L2.1</b>
Application Number	-		
Project No.	128197 ANLA: 1744		
Date	12.01.17		



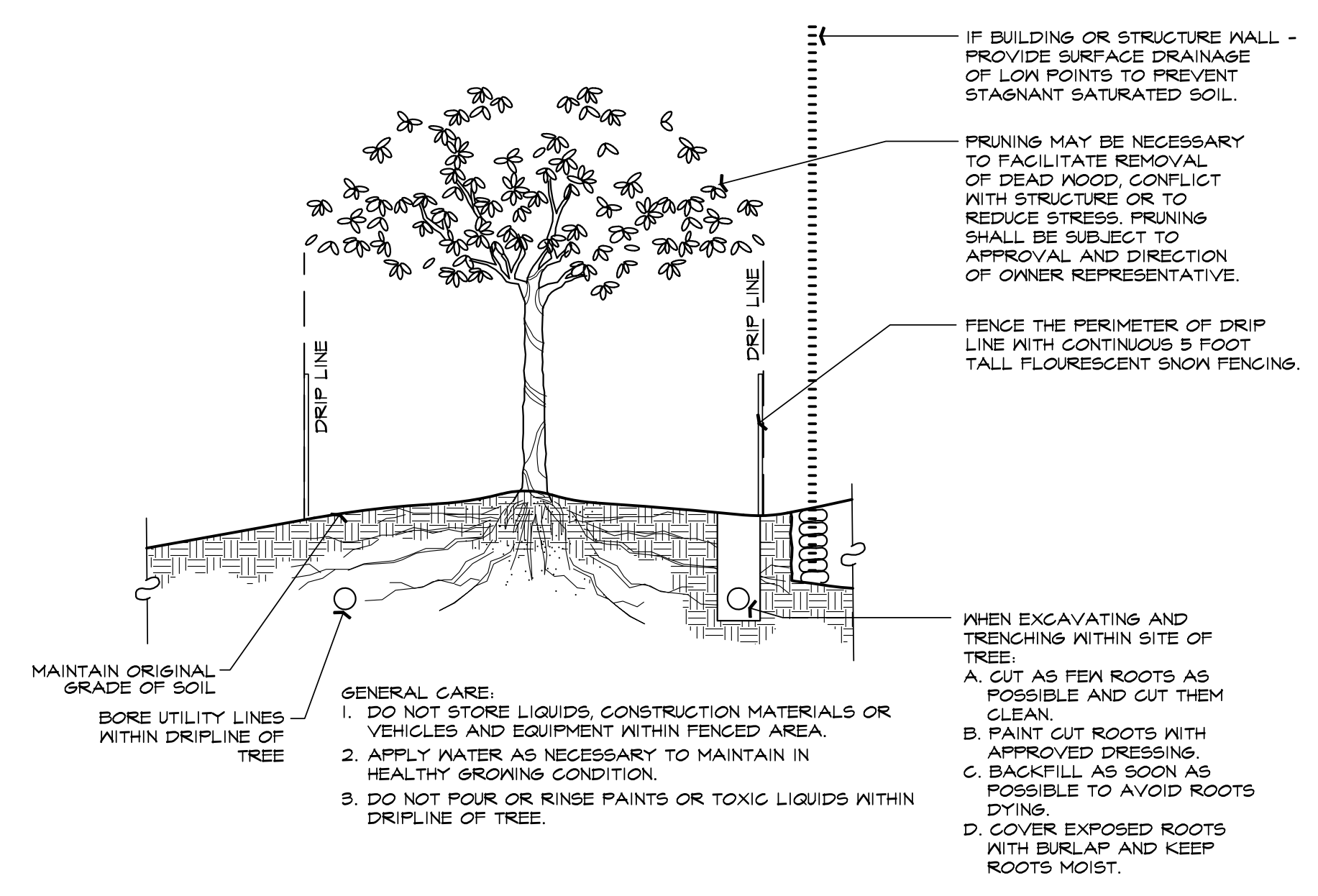


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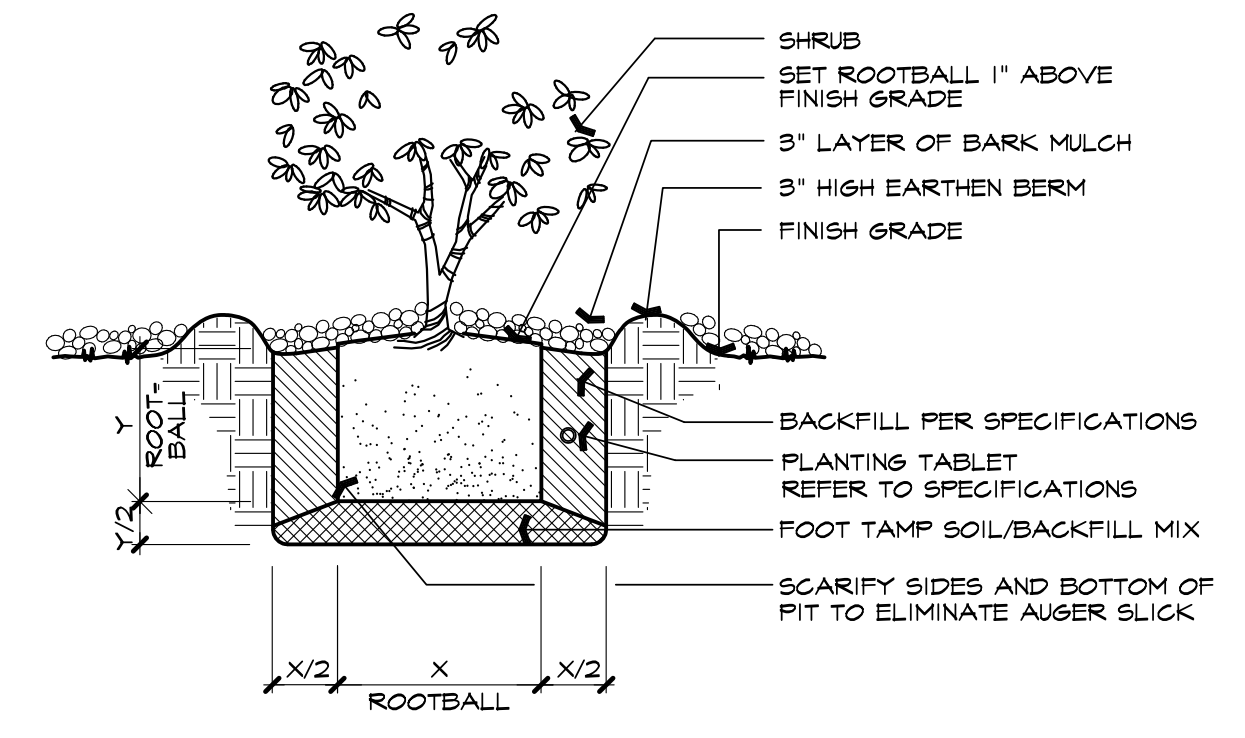


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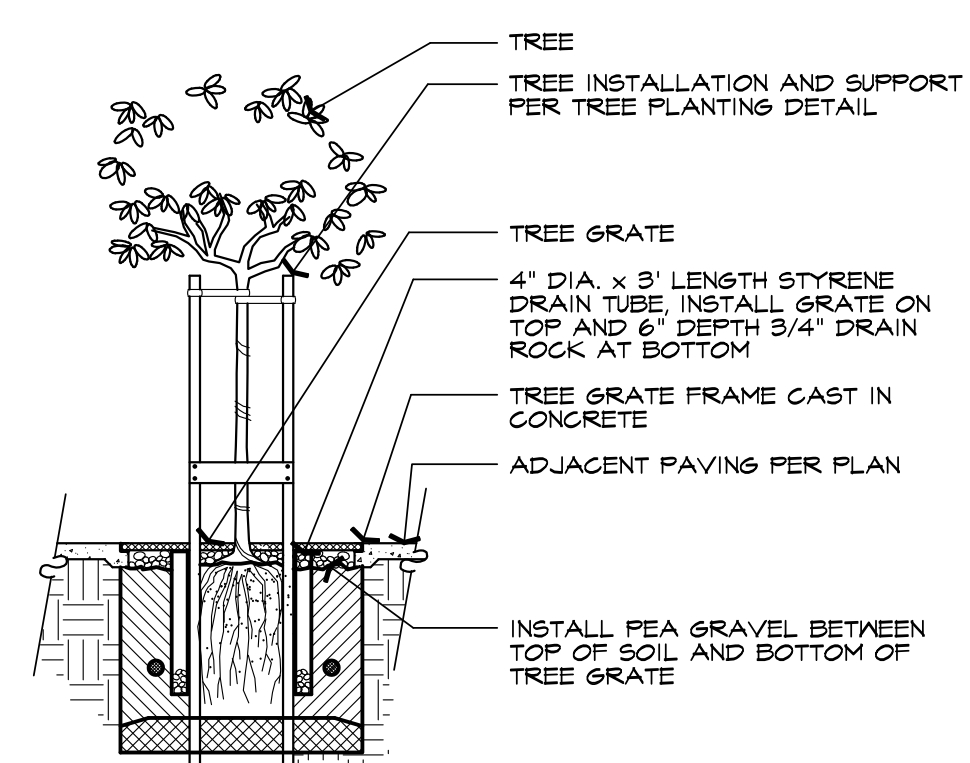
**C TREE PROTECTION**

SCALE: N.T.S.



**B SHRUB PLANTING**

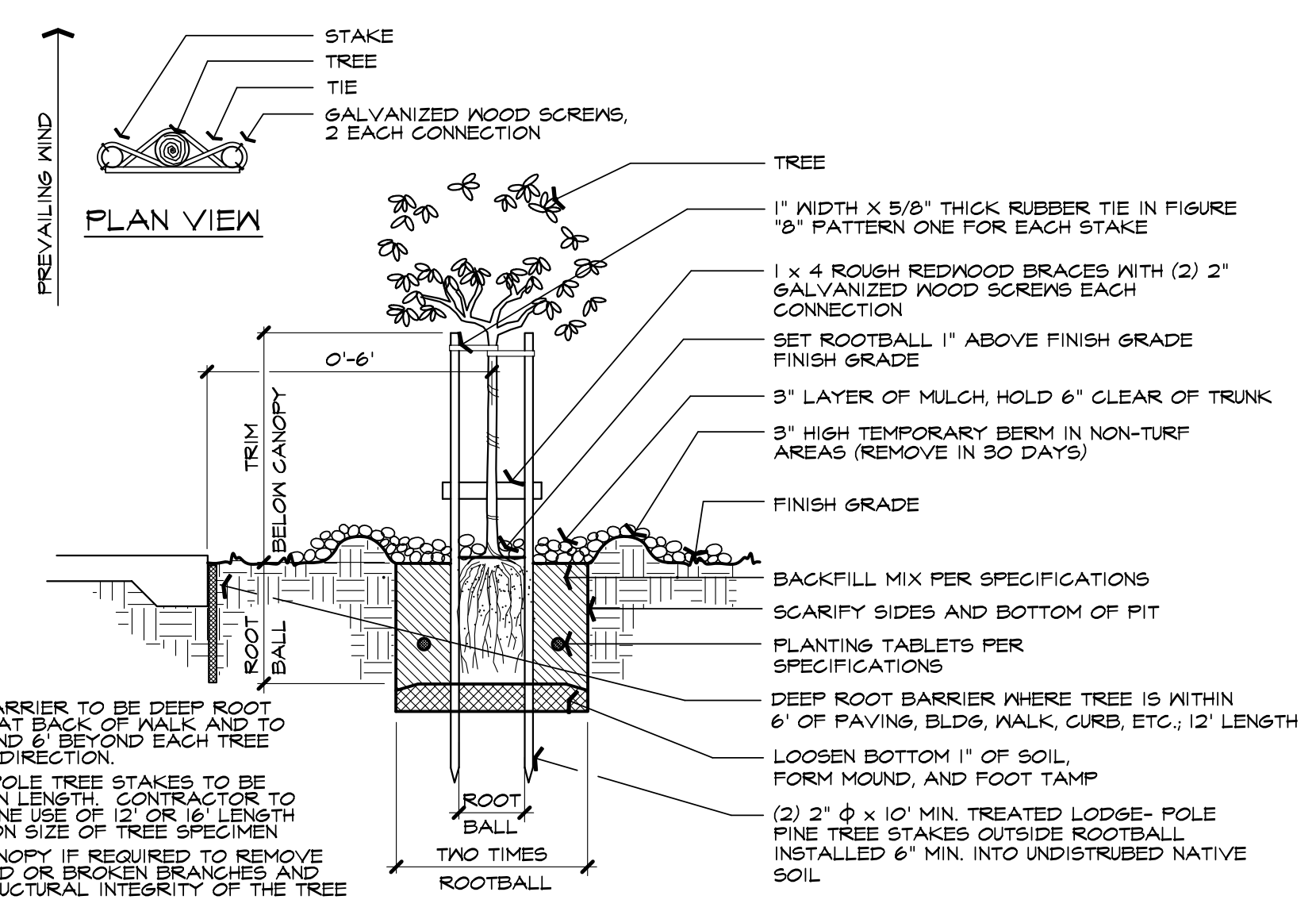
SCALE: N.T.S.



- NOTES:
- TREE GRATE TO BE NEENAH FOUNDRY, MODEL R-9706-A1, 18" DIAMETER TREE OPENING. TREE GRATE FINISH TO BE NATURAL, WITH GALVANIZED STEEL SUPPORT FRAME. CONTACT TED JONSSON OF PARK PACIFIC (888) 460-1275.
  - GRATE OPENINGS SHALL NOT EXCEED 1/4" IN THE DIRECTION OF PATH OF TRAVEL OR BOTH DIRECTIONS IF PATH OF TRAVEL IS MULTI-DIRECTIONAL.
  - SUBMIT SHOP DRAWINGS TO ARCHITECT FOR METHOD TO SECURE TREE GRATE TO FRAME.

**D TREE GRATE**

SCALE: N.T.S.



- NOTES:
- ROOT BARRIER TO BE DEEP ROOT LB 18-2 AT BACK OF MALK AND TO EXTEND 6' BEYOND EACH TREE IN EACH DIRECTION.
  - LODGE POLE TREE STAKES TO BE 10' MIN. IN LENGTH. CONTRACTOR TO DETERMINE USE OF 12' OR 16' LENGTH BASED ON SIZE OF TREE SPECIMEN
  - TRIM CANOPY IF REQUIRED TO REMOVE DAMAGED OR BROKEN BRANCHES AND FOR STRUCTURAL INTEGRITY OF THE TREE

**A TREE PLANTING**

SCALE: N.T.S.

Key Plan

Project Title

**SUMMIT SAN ALESO**

**USE PERMIT APPLICATION**

824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085

**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

**PLANTING DETAILS**

Regulatory Agency Approval

Architect Seal

File Number

Drawing No

Application Number

Project No.

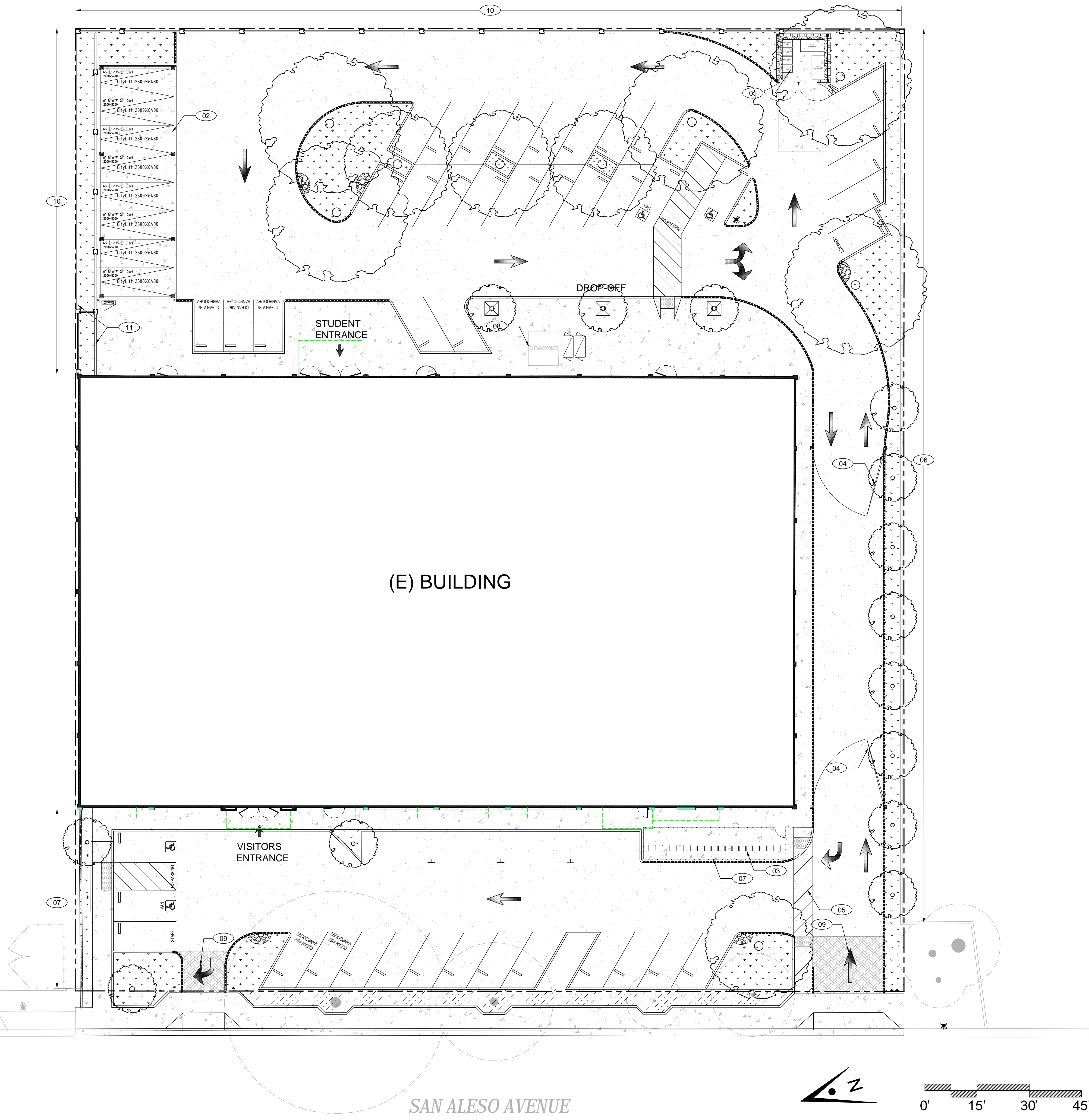
128197  
ANLA: 1744

Date

12.01.17

**L2.2**





PROJECT DATA

PROJECT DATA			
ITEM	ALLOWABLE / REQD.	EXISTING	PROPOSED
ZONING	-	PP-NEIGHBORHOOD TRANSITION	PP-NEIGHBORHOOD TRANSITION
LOT SIZE	-	66,040 S.F.	66,040 S.F.
LOT COVERAGE (40%)	26,416 S.F.	25,590 S.F.	25,590 S.F.
LOT - IMPERVIOUS SURFACE AREA	-	40,470 S.F.	36,425 S.F.
LOT - PERVIOUS SURFACE AREA	-	0 S.F.	4,045 S.F.
F.A.R.	.35	.40	.38
BUILDING AREA (GROSS)	23,114 S.F.	27,012 S.F.	25,590 S.F.
BUILDING AREA (NET)	-	22,960 S.F.	21,751 S.F.
CAR PARKING	100*	50	69
BICYCLE PARKING	5	0	40

\* PER SMC Sec. 19.46.100(c) - 0.25 parking spaces per student



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Legend

	CONCRETE, REFER TO GRADING PLAN.
	STAMPED/COLORED ASPHALT, REFER TO GRADING PLAN.
	AC PAVING, REFER TO GRADING PLAN.
	PLANTING, REFER TO PLANTING PLAN.
	COBBLE STONES, REFER TO SITE STORM WATER CONTROL PLAN.
	ASSUMED PROPERTY LINE

Key Plan

KEYNOTES

- 01 SOLID WASTE/RECYCLING ENCLOSURE, REFER TO 1/A1.12 FOR ADDITIONAL INFORMATION.
- 02 CITYLIFT 'THREE LEVEL PUZZLE' AUTOMATED PARKING LIFT WITH METAL PANEL CLADDING
- 03 BICYCLE CORRAL, 41'-0" X 9'-2", WITH 'WELLE SERIES' BICYCLE RACKS, (40) BICYCLE CAPACITY TOTAL.
- 04 20'-0" WIDE SWING GATE WITH SURFACE MOUNTED KNOX-BOX (3200 SERIES) PER CITY OF SUNNYVALE STANDARDS.
- 05 5'-0" WIDE PEDESTRIAN CROSS-WALK.
- 06 8'-0" TALL MASONRY WALL BY NEIGHBOR (740 SAN ALESO)
- 07 8'-0" HIGH CHAIN LINK FENCING WITH BLACK VINYL COATING AND VINYL SLATS.
- 08 (E) TRANSFORMER TO REMAIN.
- 09 DRIVEWAY LEGEND STRIPING.
- 10 PRE-CAST CONCRETE SOUND WALL PANELS, 8'-0" TALL.
- 11 CONCRETE BLOCK RETAINING WALL, 2'-6" TALL.

Project Title  
**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title  
**PROPOSED SITE PLAN**

Regulatory Agency Approval	Architect Seal
----------------------------	----------------

File Number	-	Drawing No	<b>A1.11</b>
Application Number	-		
Project No.	128197		
Date	12.01.17		





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Legend

	CONCRETE, REFER TO GRADING PLAN.
	AC PAVING, REFER TO GRADING PLAN.
	ASSUMED PROPERTY LINE

Keynotes

01	CONCRETE MASONRY UNIT (CMU) SOLID WASTE/RECYCLING ENCLOSURE, WITH (2) 3-CYD GARBAGE BIN, (1) 3-CYD RECYCLING BIN, AND (1) PAPER RECYCLING CART, REFER TO 2/- AND 3/-.
02	GARBAGE TRUCK ROUTE AND TURN-AROUND, WITH TURNING RADIIUSES AS NOTED.
03	20'-0" LONG x 14'-2" WIDE CONCRETE STRESS PAD.
04	20'-0" WIDE GATE TO BE LEFT UNLOCKED AND OPEN ON GARBAGE/RECYCLING PICK-UP DAYS.

Key Plan

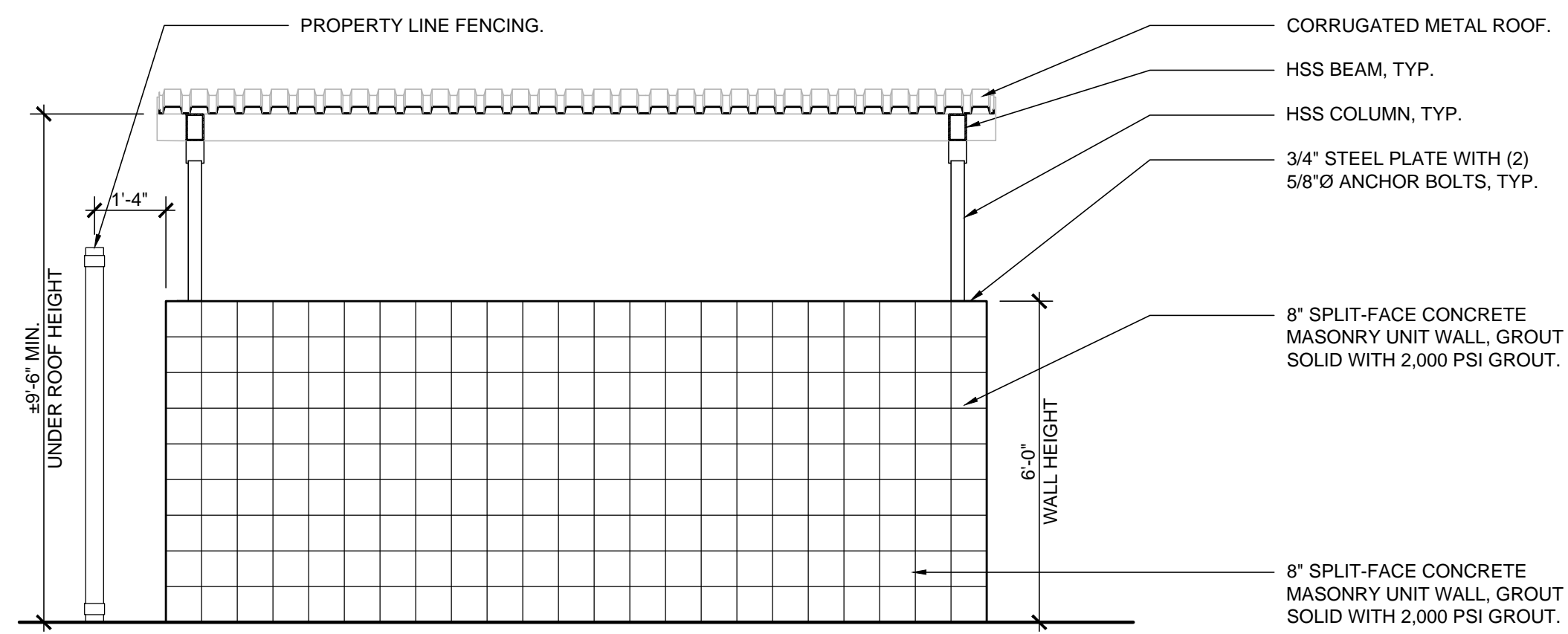
Project Title  
**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

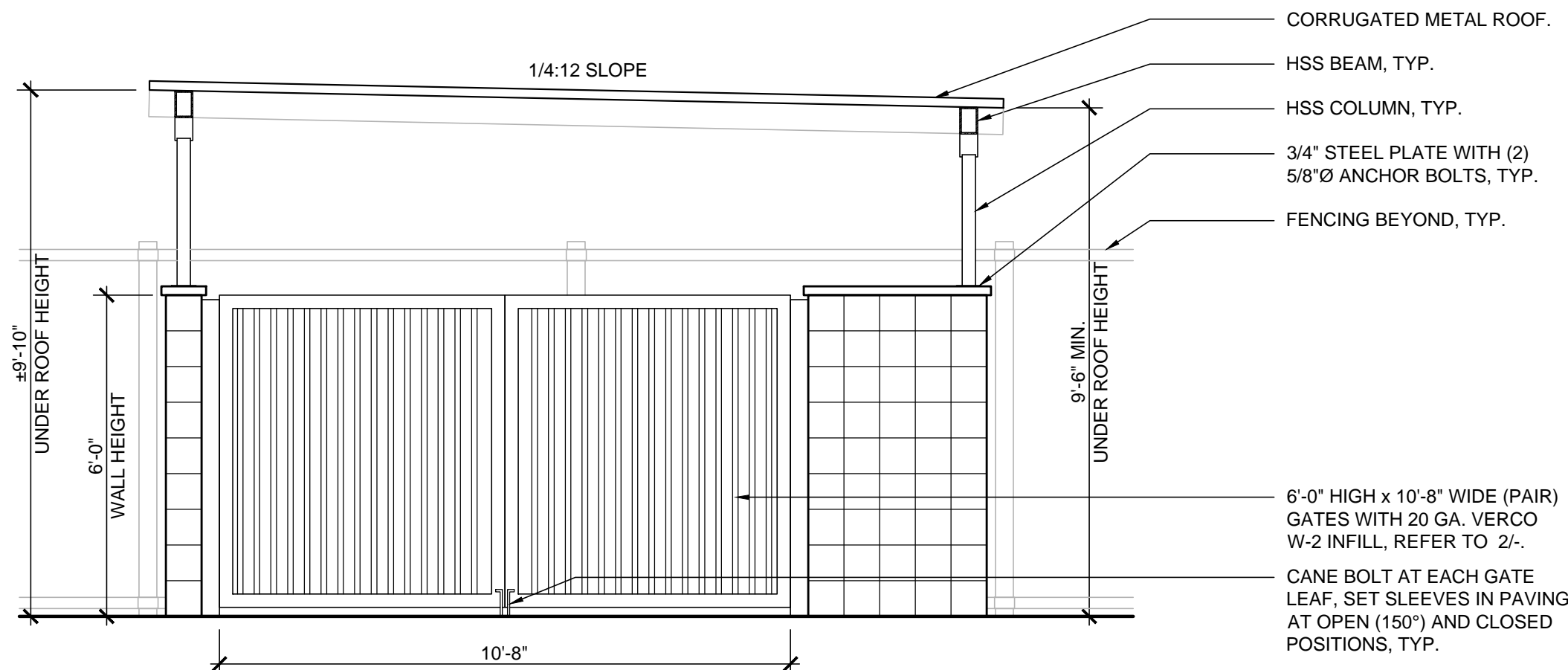
Drawing Title  
**SOLID WASTE AND RECYCLING MANAGEMENT PLAN**

Regulatory Agency Approval	Architect Seal
----------------------------	----------------

File Number	Drawing No
Application Number	<b>A1.12</b>
Project No. 128197	
Date 12.01.17	



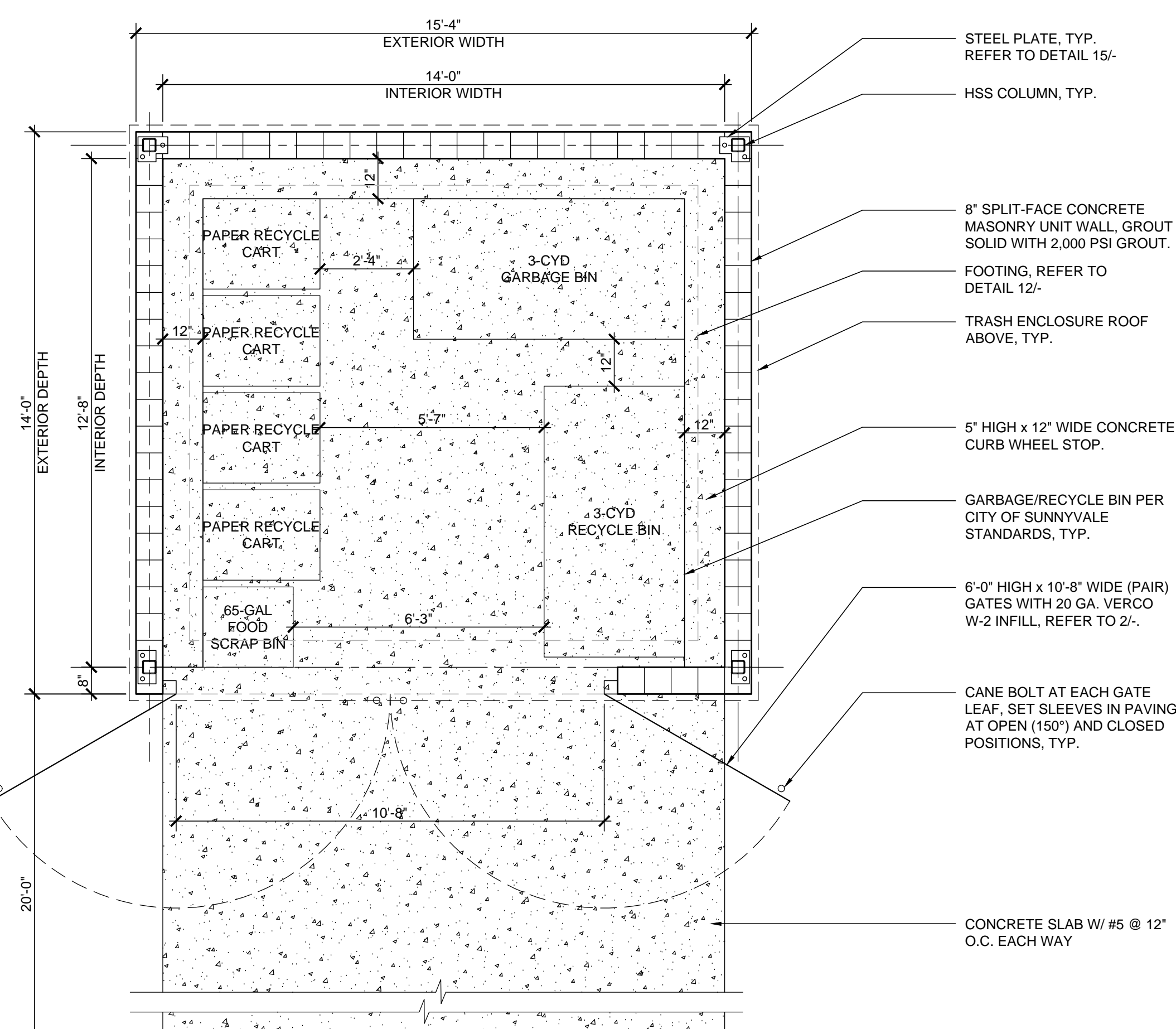
SIDE ELEVATION



FRONT ELEVATION

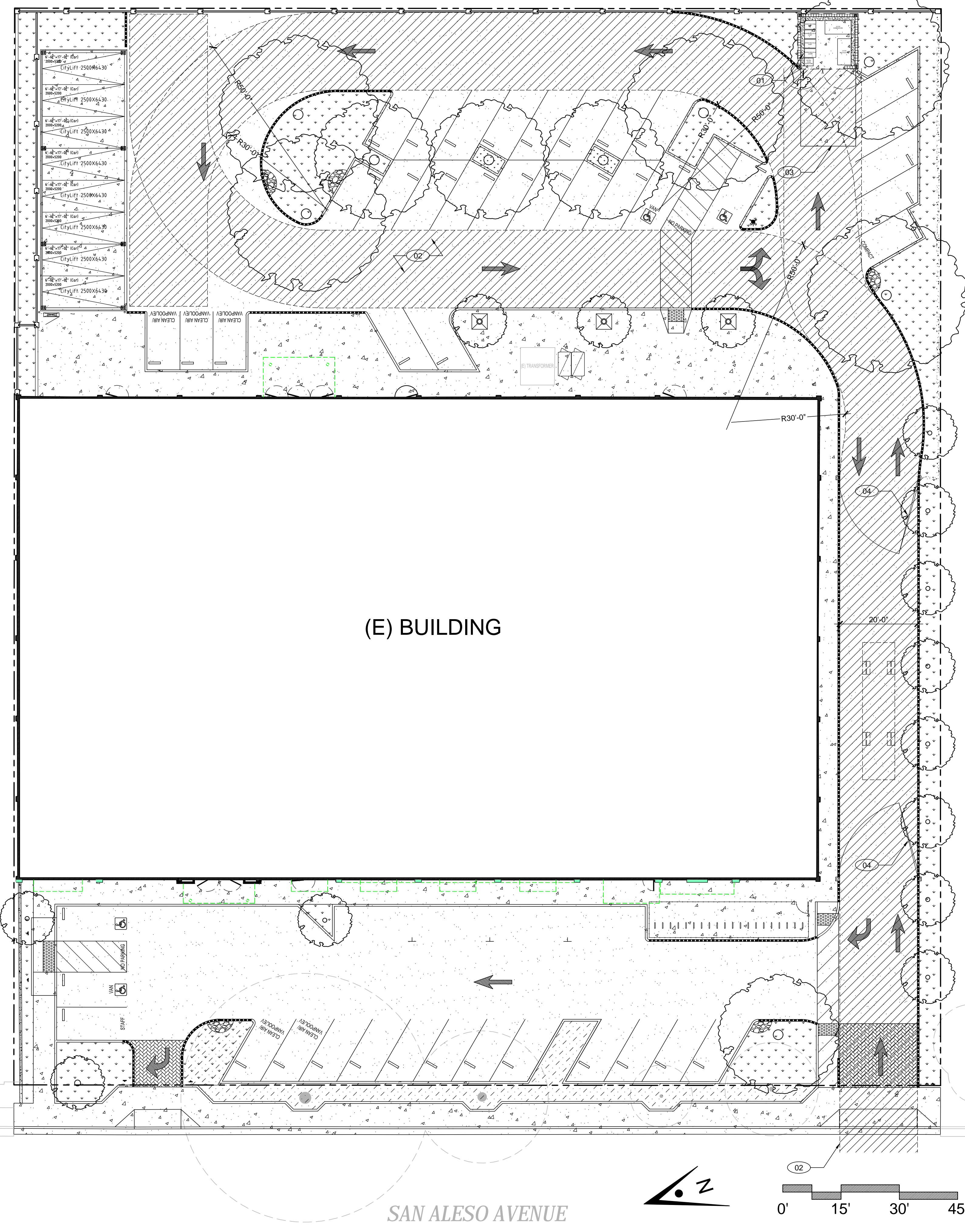
NOTES:  
1. GATES ARE OPENED BY MAINTENANCE STAFF AND REFUSE COMPANY PERSONNEL ONLY.

3 TRASH ENCLOSURE ELEVATIONS 3/8" = 1'-0"



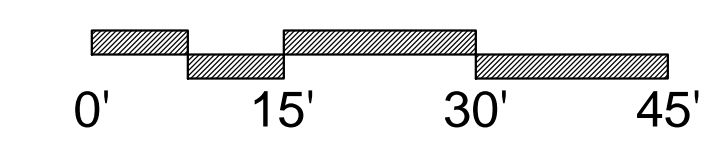
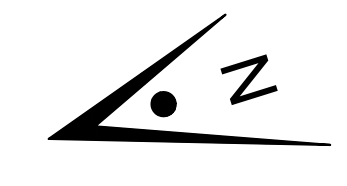
NOTES:  
1. THE ON-SITE KITCHEN WILL CONSIST OF WARMING ONLY; NO ON-SITE COOKING OCCURS.

2 TRASH ENCLOSURE ENLARGED PLAN 3/8" = 1'-0"



(E) BUILDING

SAN ALESO AVENUE



1 SITE PLAN 1" = 15'-0"





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GENERAL NOTES

Legend

Key Plan

KEYNOTES

Project Title

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
1	Planning Resubmittal	03.13.18
2	Planning Resubmittal	06.06.18

Drawing Title

**EXISTING  
FIRST FLOOR  
PLAN**

Regulatory Agency Approval

Architect Seal

File Number

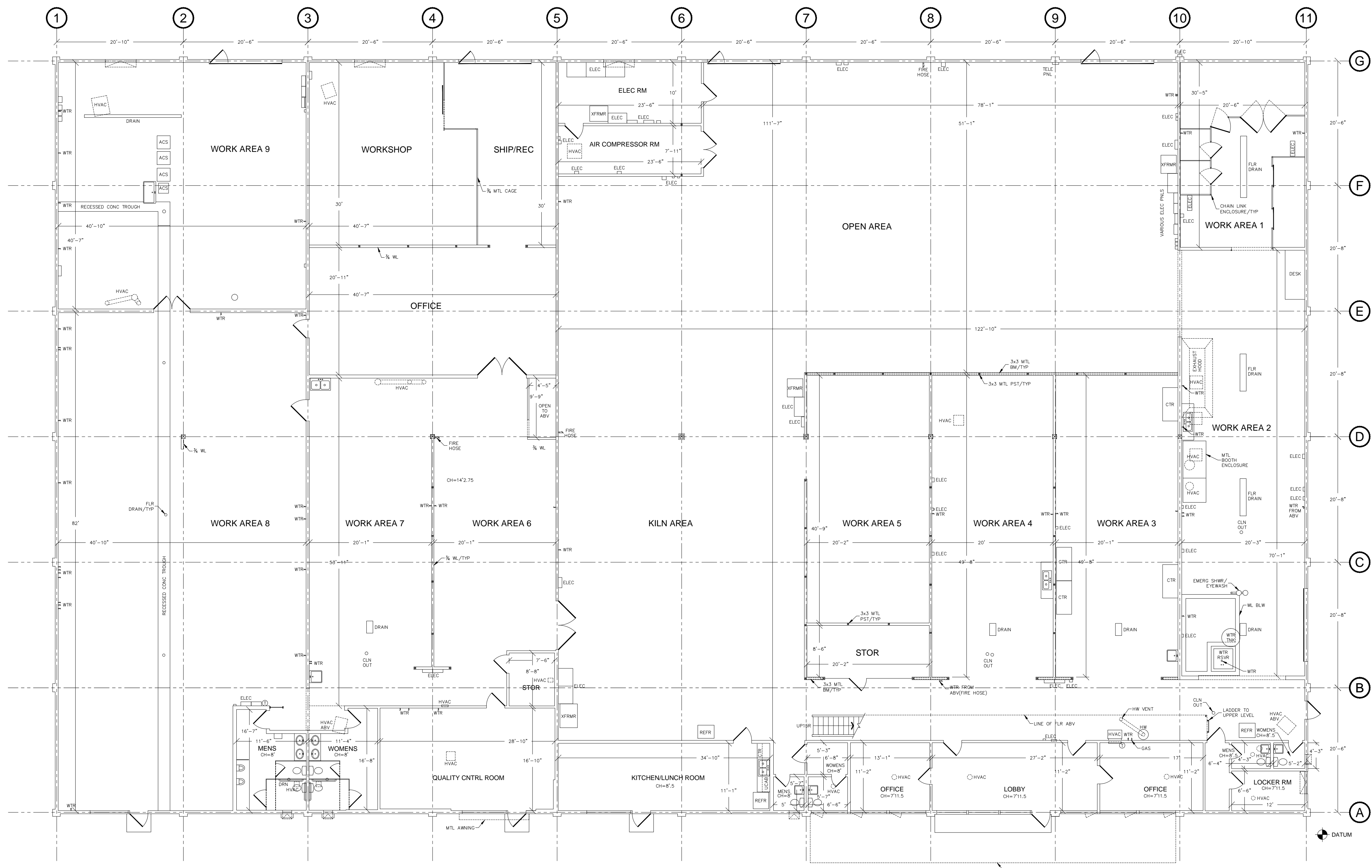
Drawing No

Application Number

**A3.01**

Project No.  
128197

Date  
12.01.17



1 EXISTING FIRST FLOOR PLAN

1"=10'-0"



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GENERAL NOTES

Legend

Key Plan

KEYNOTES

Project Title

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
1	Planning Resubmittal	03.13.18
2	Planning Resubmittal	06.06.18

Drawing Title

**EXISTING  
MEZZANINE  
PLAN**

Regulatory Agency Approval

Architect Seal

File Number

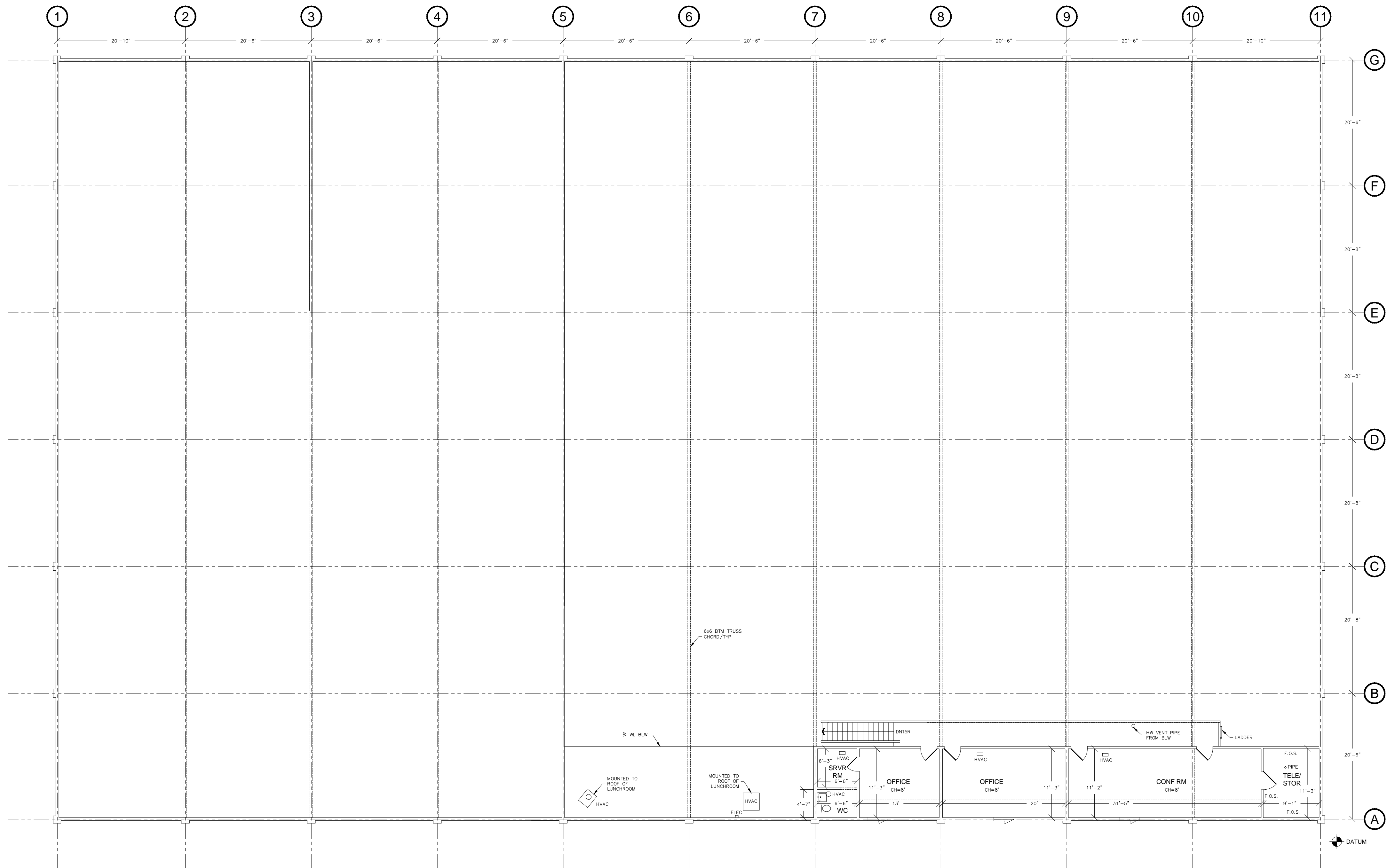
Application Number

Project No.  
128197

Date  
12.01.17

Drawing No

**A3.02**



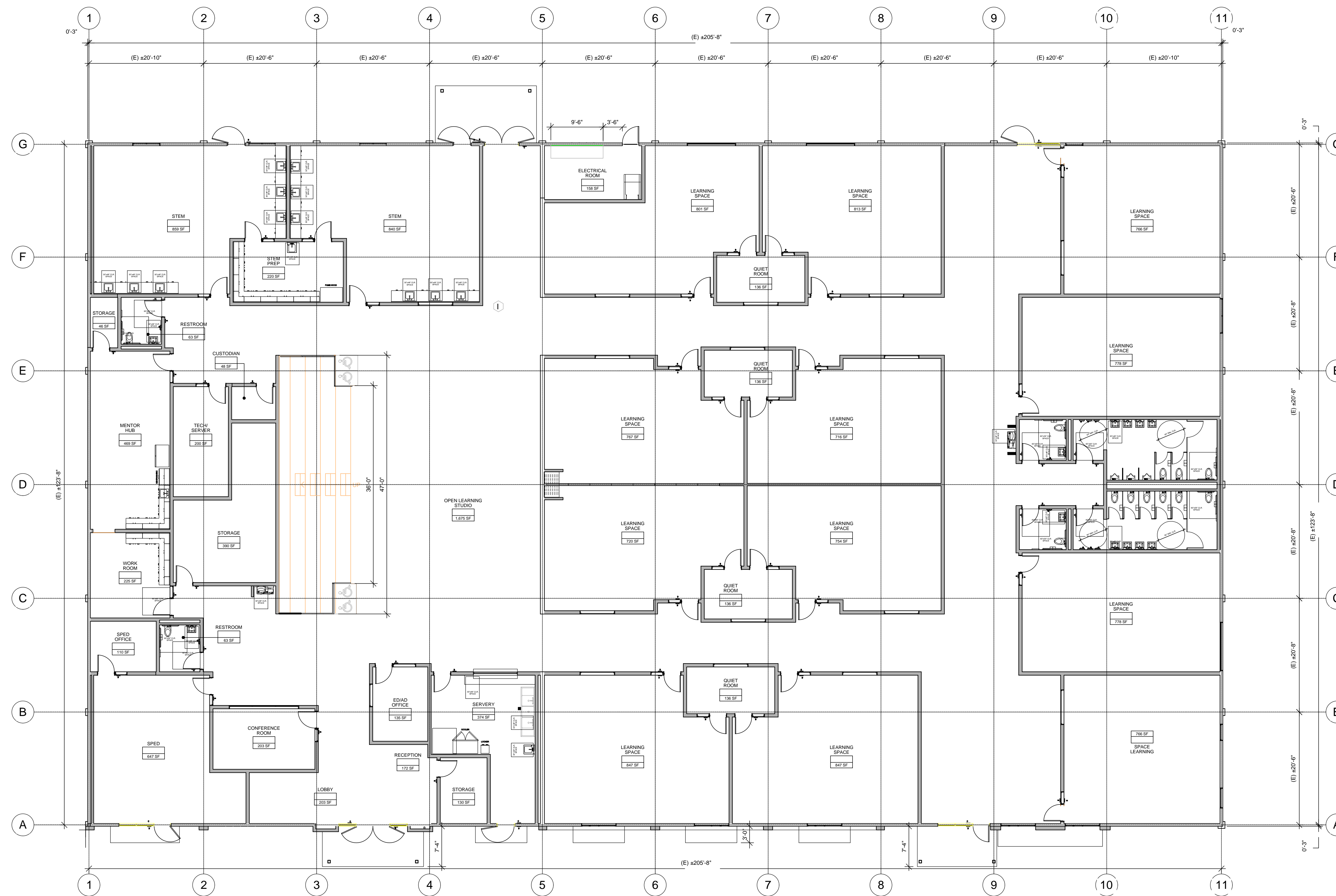
1 EXISTING MEZZANINE FLOOR PLAN

1"=10'-0"





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Legend

	INTERIOR NON-BEARING PARTITION WALL.
	INTERIOR PARTIAL HEIGHT WALL.
	(E) EXTERIOR CONCRETE WALL TO REMAIN.
	EXTERIOR CONCRETE WALL INFILL.

Keynotes

Key Plan

Project Title

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

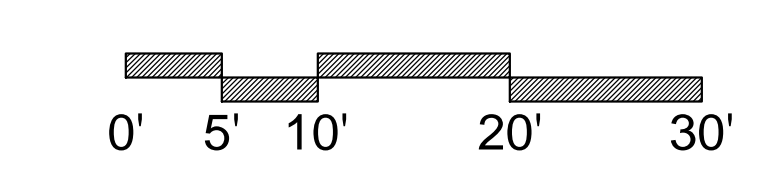
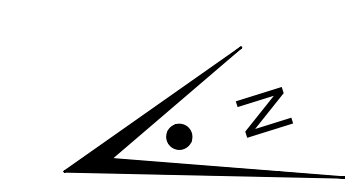
No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

**PROPOSED  
FIRST FLOOR  
PLAN**

Regulatory Agency Approval	Architect Seal
----------------------------	----------------

File Number	Drawing No
Application Number	<b>A3.11</b>
Project No.	
Date	



1 FIRST FLOOR PLAN

1"=10'-0"



GENERAL NOTES



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Legend

Key Plan

KEYNOTES

Project Title

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
1	Planning Resubmittal	03.13.18
2	Planning Resubmittal	06.06.18

Drawing Title

**EXISTING  
ROOF  
PLAN**

Regulatory Agency Approval

Architect Seal

File Number

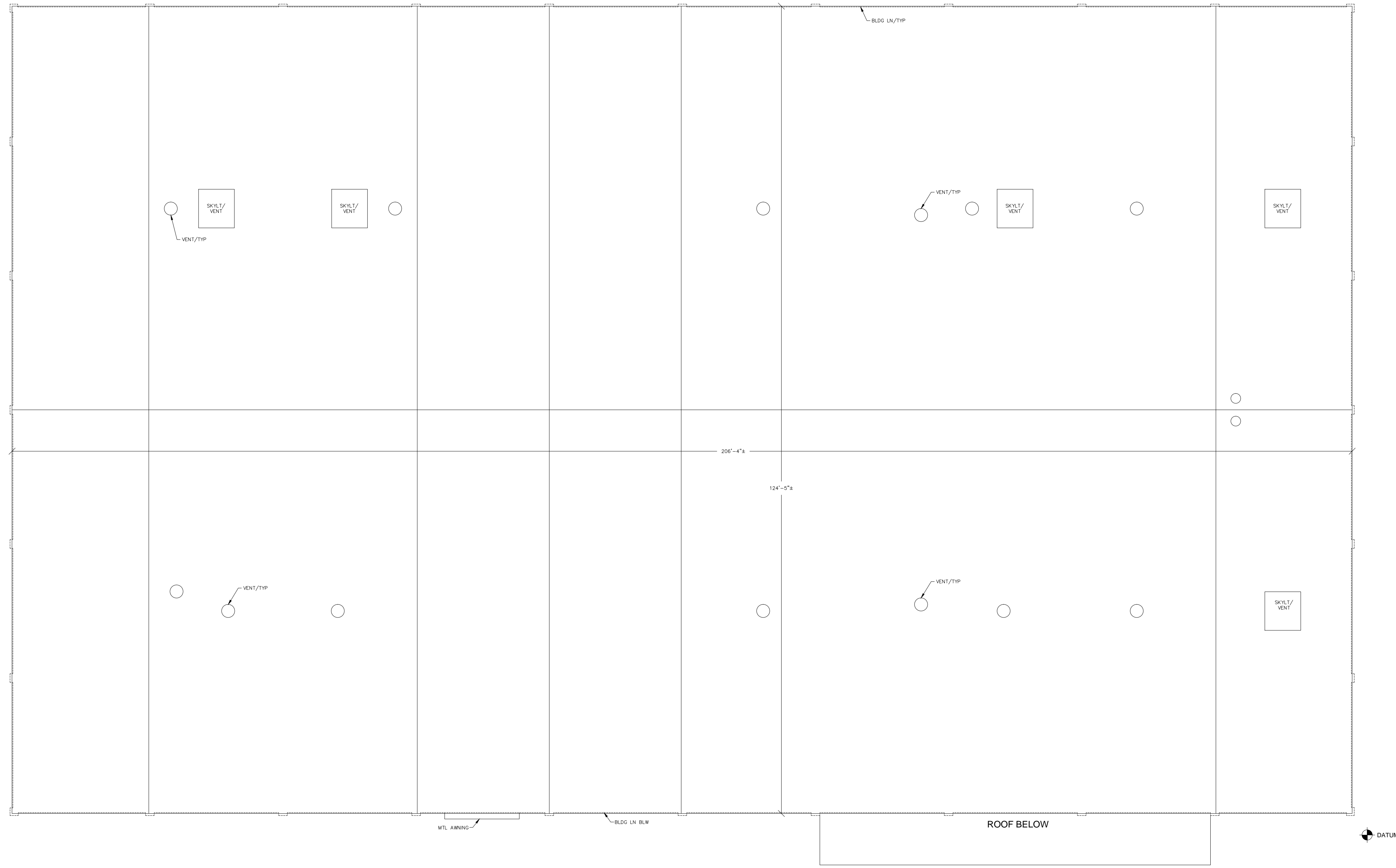
Application Number

Project No.  
128197

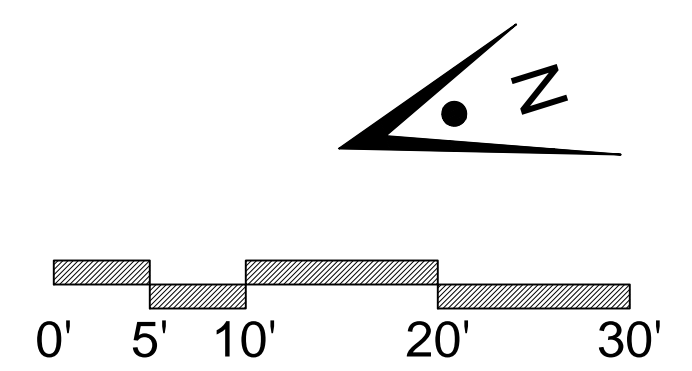
Date  
12.01.17

Drawing No

**A5.01**



① EXISTING ROOF PLAN  
SCALE: 1/8"=1'-0"



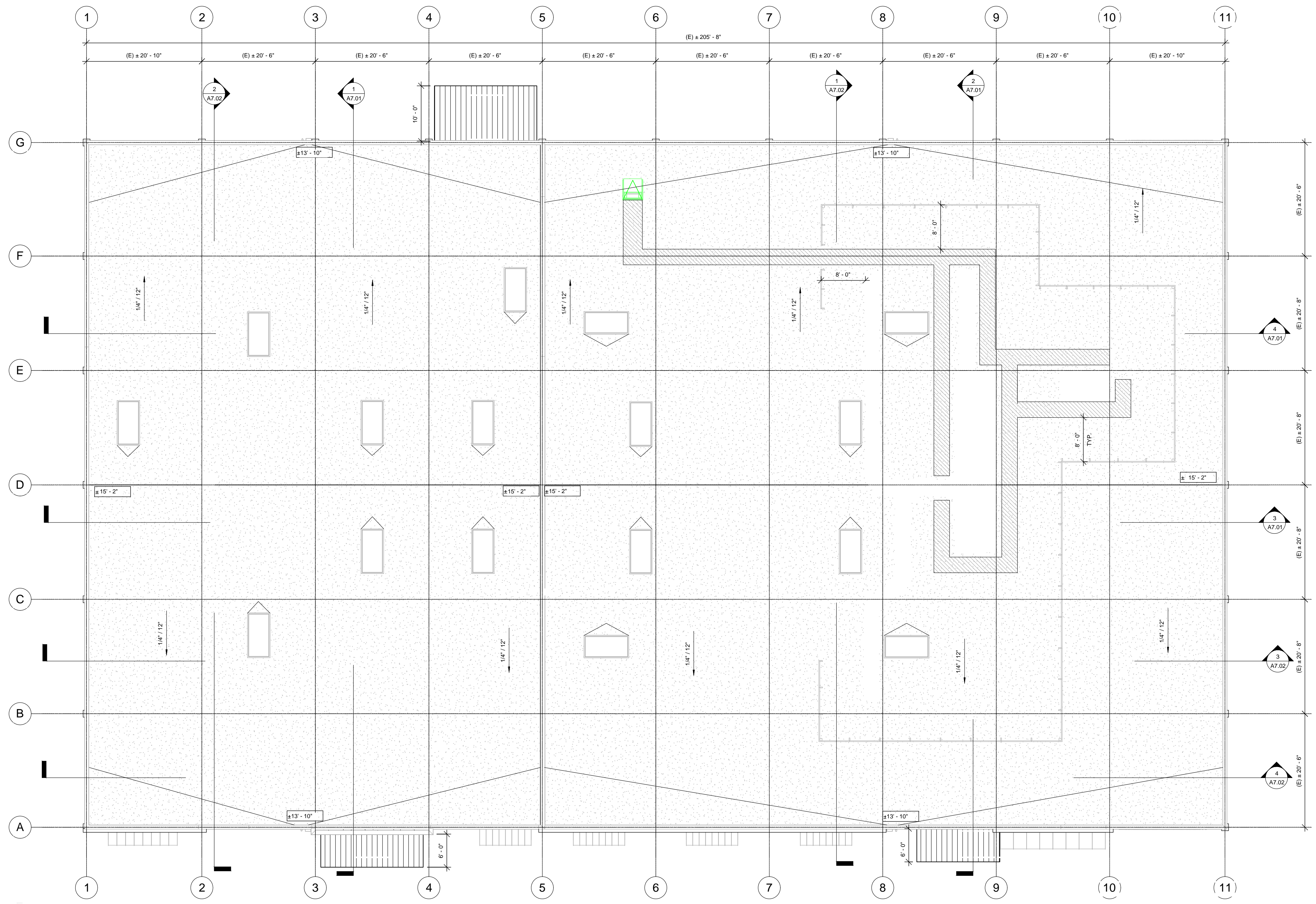
1 EXISTING ROOF PLAN

1"=10'-0"





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Legend

- TPO ROOFING SYSTEM
- (E) EXTERIOR CONCRETE WALL TO REMAIN.

Keynotes

- 01 6'-0" HIGH MECHANICAL EQUIPMENT ROOF SCREEN.
- 02 ROOF DRAIN / OVERFLOW DRAIN.
- 03 8'-0" LONG x 4'-0" WIDE CURB-MOUNTED DOME SKYLIGHT (WASCO ECOSKY3 MODEL E3CS5296) OR EQUAL.
- 04 ROOF ACCESS HATCH (BILCO TYPE "S" ROOF HATCH).

Key Plan

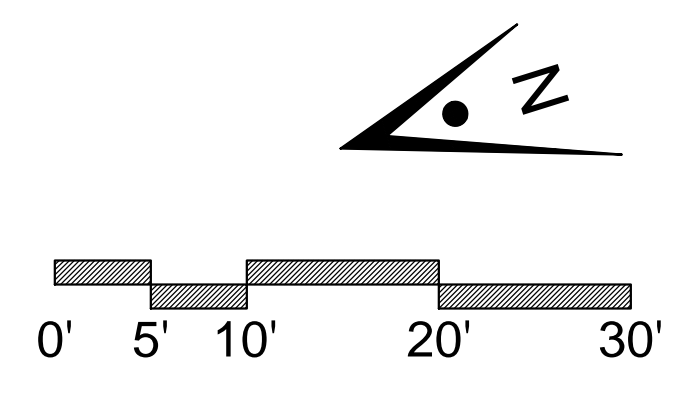
Project Title  
**SUMMIT SAN ALESO**  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title  
**PROPOSED ROOF PLAN**

Regulatory Agency Approval  
Architect Seal

File Number  
Application Number  
Project No. 128197  
Date 12.01.17  
Drawing No. **A5.11**





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GENERAL NOTES

Legend

Key Plan

KEYNOTES

Project Title

**SUMMIT SAN ALESO**  
  
USE PERMIT APPLICATION  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
1	Planning Resubmittal	03.13.18
2	Planning Resubmittal	06.06.18

Drawing Title

**EXISTING  
EXTERIOR  
ELEVATIONS**

Regulatory Agency Approval

Architect Seal

File Number

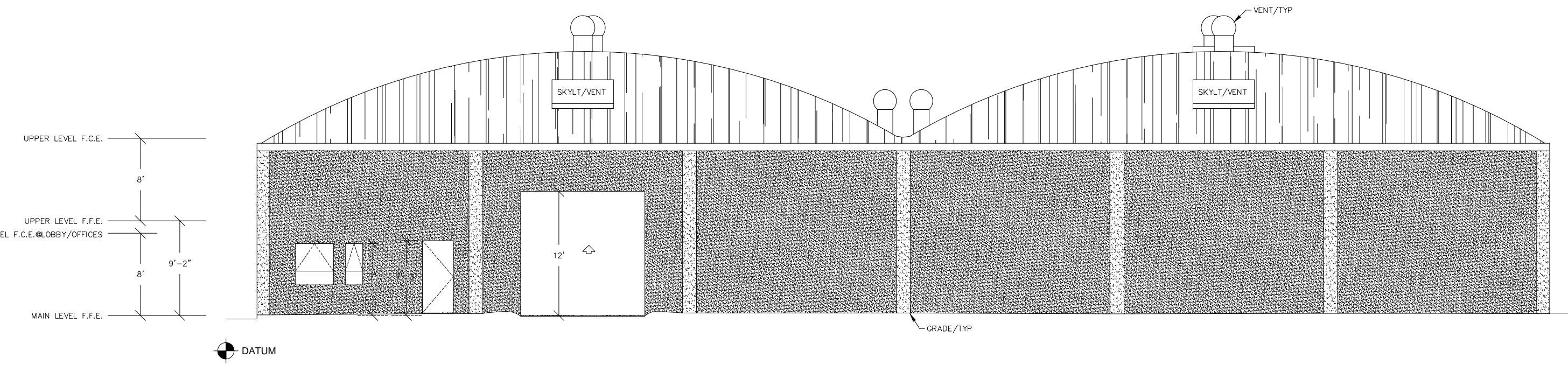
Application Number

Project No.  
128197

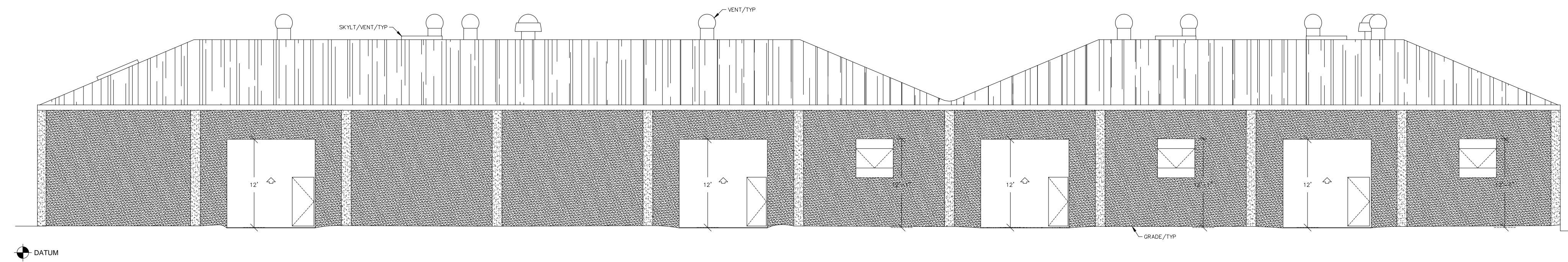
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Drawing No

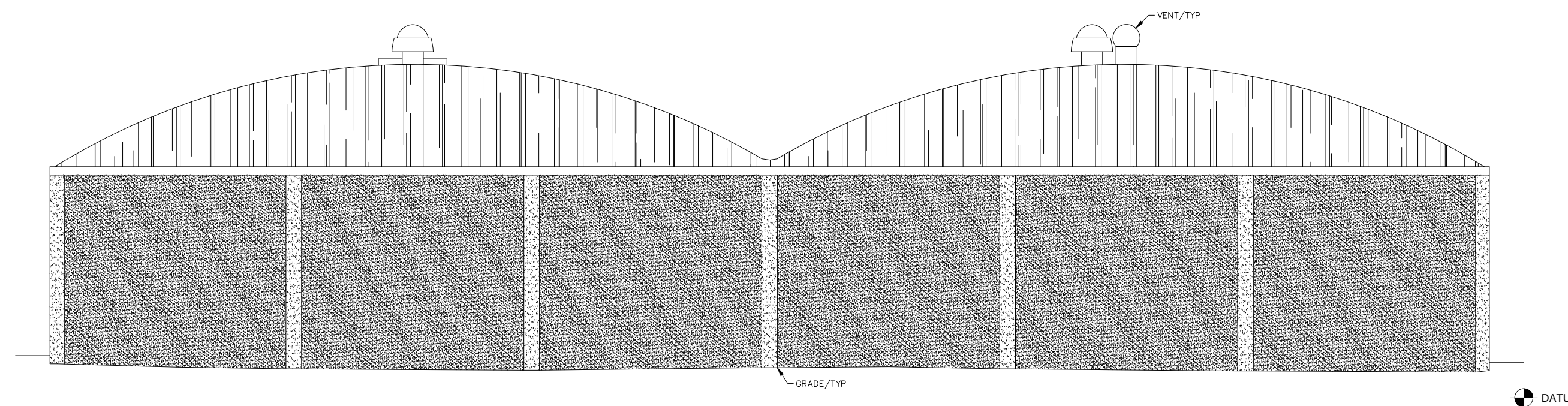
**A6.01**



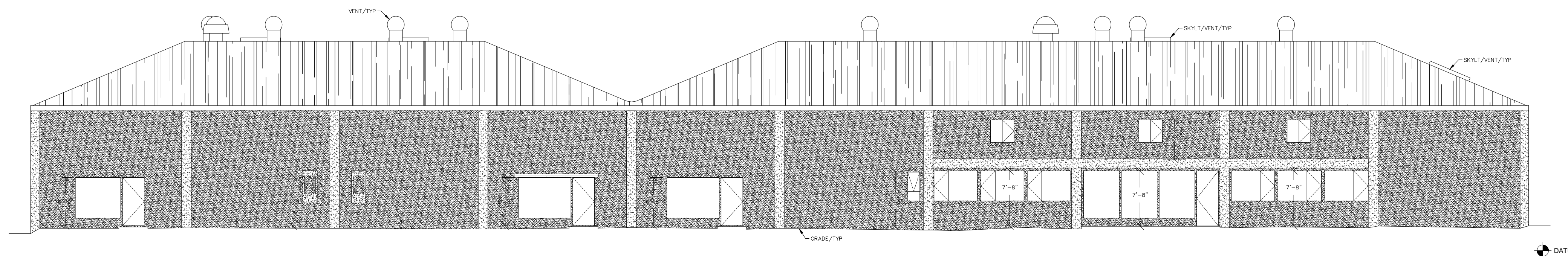
④ EXISTING SOUTH ELEVATION  
SCALE: 1/8"=1'-0"



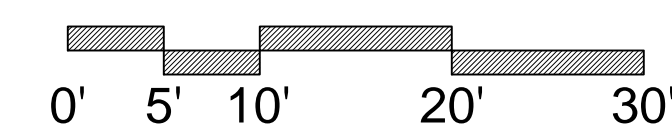
③ EXISTING EAST ELEVATION  
SCALE: 1/8"=1'-0"



② EXISTING NORTH ELEVATION  
SCALE: 1/8"=1'-0"



① EXISTING WEST ELEVATION  
SCALE: 1/8"=1'-0"



1"=10'-0"

1 EXISTING EXTERIOR ELEVATIONS





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Legend

- CLEAN (E) CONCRETE WALL, PAINT
- STUCCO AND PAINT
- METAL WALL PANEL
- METAL PANEL AWNINGS

Keynotes

Key Plan

Project Title

**SUMMIT SAN ALESO**  
**USE PERMIT APPLICATION**  
824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085  
**SUMMIT PUBLIC SCHOOLS**

No	Revisions/Submissions	Date
3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal (PRC #4)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	City Council Hearing	1.22.19

Drawing Title

**PROPOSED  
EXTERIOR  
ELEVATIONS**

Regulatory Agency Approval Architect Seal

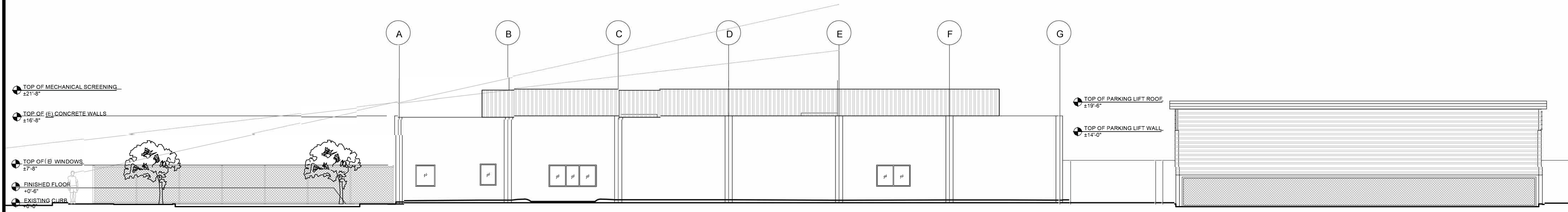
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Application Number

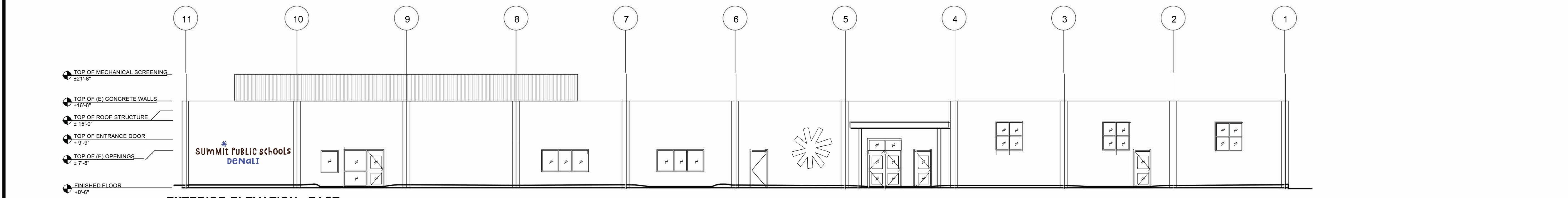
Project No. 128197

Date 12.01.17

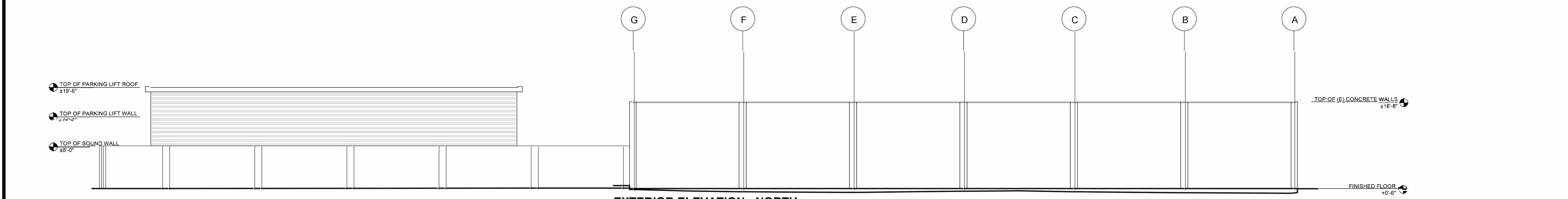
**A6.11**



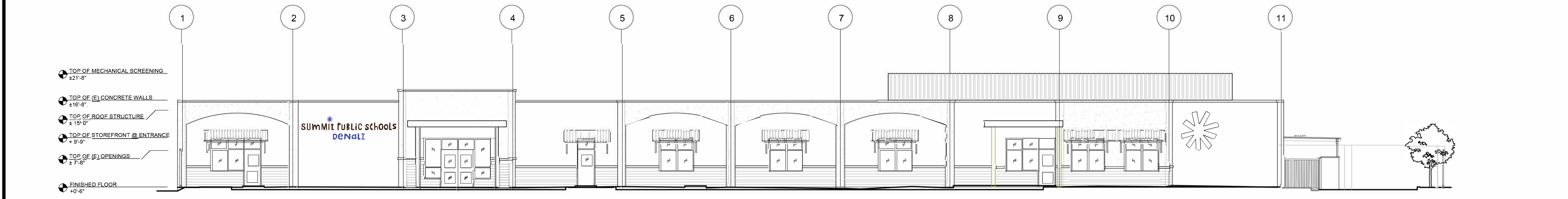
**EXTERIOR ELEVATION - SOUTH**



**EXTERIOR ELEVATION - EAST**



**EXTERIOR ELEVATION - NORTH**



**EXTERIOR ELEVATION - WEST - OPTION 3a**



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### SYMBOL LEGEND

**PLAN, DETAIL OR SECTION DESIGNATION**

**ROOM NUMBER**

**SHEET REFERENCE SYMBOL - SEE ASSOCIATED NOTE ON SAME SHEET.**

**FEEDER SCHEDULE SYMBOL.**

**MECHANICAL EQUIPMENT TAG.**

**INDICATES FIXTURE TYPE**

**LUMINAIRE SYMBOLS**

LUMINAIRE - SEE SCHEDULE.

LUMINAIRE - SEE SCHEDULE.

LUMINAIRE - SEE SCHEDULE.

LUMINAIRE - SEE SCHEDULE.

POLE MOUNTED LUMINAIRE - SEE SCHEDULE.

POLE MOUNTED LUMINAIRE - SEE SCHEDULE.

LUMINAIRE - SEE SCHEDULE.

LUMINAIRE - SEE SCHEDULE.

LUMINAIRE HALL MOUNTED-SEE SCHEDULE.

EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST

EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST

EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST

EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST

EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST

EMERGENCY LUMINAIRE HALL MOUNTED- PROVIDE EMERGENCY BATTERY BALLAST

EXIT LIGHT SINGLE FACE - SEE SCHEDULE.

EXIT LIGHT SINGLE FACE (WITH ARROW)- SEE SCHEDULE.

EXIT LIGHT (DOUBLE FACED WITH ARROW)- SEE SCHEDULE.

EMERGENCY BATTERY PACK EXIT LIGHT INSTALL AS DIRECTED.

**SWITCH SYMBOLS**

SINGLE POLE SWITCH

SINGLE POLE SWITCH,  $\alpha$  = CIRCUIT CONTROLLED.

MOTOR RATED SWITCH

CEILING MOUNTED OCCUPANCY SENSOR

HALL MOUNTED OCCUPANCY SENSOR. PROVIDE WITH BI-LEVEL SWITCH WHERE BI-LEVEL SWITCHING REQUIRED

CEILING MOUNTED PHOTOCELL SENSOR

HALL STATION DIMMER SWITCH

LIGHTING ROOM CONTROLLER (MTD. ABOVE CEILING)

WATTSTOPPER PLUG LOAD RELAY

**RECEPTACLE SYMBOLS**

DUPLEX RECEPTACLE ON CEILING, NEMA L5-20

QUAD RECEPTACLE ON CEILING

CEILING OUTLET COMBINED DATA/PHONE AND RECEPTACLE

DEDICATED DUPLEX RECEPTACLE AT 18" A.F.F. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

DUPLEX RECEPTACLE  $\bullet$  + 18" A.F.F. U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

DUPLEX 6FGC RECEPTACLE  $\bullet$  + 18" A.F.F. U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

CONTROLLED RECEPTACLE - HALF OF QUAD WITH AUTOMATIC SHUT-OFF CONTROL

DOUBLE DUPLEX RECEPTACLE  $\bullet$  + 18" A.F.F. U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

CONTROLLED AND UNCONTROLLED RECEPTACLE

SINGLE RECEPTACLE - L6-20, 200 VOLT, SINGLE PHASE AT + 18" A.F.F. U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

SINGLE RECEPTACLE - L5-20, 120 VOLT, SINGLE PHASE AT + 18" A.F.F. U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

DATA OUTLET, PROVIDE RING AND STRIPS, VERIFY HEIGHT.

T.V. OUTLET, PROVIDE RING AND STRIPS, VERIFY HEIGHT.

DATA/TELEPHONE OUTLET, PROVIDE RING AND STRIPS, VERIFY HEIGHT.

FLOOR OUTLETS COMBINED DATA / PHONE AND RECEPTACLE

TELEPHONE FLOOR OUTLET

DATA FLOOR OUTLET

JUNCTION BOX, HALL OR CEILING MOUNTED

WEATHERPROOF

POWER POLE FURNITURE CONNECTION

BASE FEED FURNITURE CONNECTION

FLOOR OUTLETS QUAD RECEPTACLE

4000 WIREHOLD

CONTROLS AND SWITCHES SHALL NOT BE MORE THAN 48" ABOVE FINISHED FLOOR FROM TOP OF BOX U.O.N.

### ABBREVIATIONS

A	AMPERE
ABV	ABOVE
AF	AMP FRAME OR AMP FUSE
AFB	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CD	CANCELAS
CAT	CIRCUIT
CL	CENTER LINE
CLS	CELLING
CO	CONDUIT ONLY
CTR	CENTER
(D)	DETAIL
DET	DETAIL
DM	DIMENSION
DISTR	DISTRIBUTION
DRWG	DRAWING
(E)	EXISTING
EM	EMERGENCY
EQPT	EQUIPMENT
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
(F)	FUTURE
FIN	FINISH
FL	FLOOR
G, GND	GROUND
HGT	HEIGHT
HP	HORSEPOWER
IC	INTERCOM
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
KAIC	KILOAMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KM	KILOWATT
LTS	LIGHTING
MDF	THOUSAND CIRCULAR MILS
MDF	MAIN DISTRIBUTION FRAME
MECH	MECHANICAL
MH	MANHOLE
MTD	MOUNTED
MTB	MOUNTING
(N)	NEN
NC	NORMALLY CLOSED
NOT	NOT IN CONTRACT
NIEC	NOT IN ELECTRICAL CONTRACT
NO	NUMBER/NORMALLY OPEN
NTS	NOT TO SCALE
O.C.	ON CENTER
P	POLE CIRCUIT BREAKER
PA	PUBLIC ADDRESS
PB	PULL BOX
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
(R)	EXISTING TO BE RELOCATED
REQD	REQUIRED
REQT	REQUIREMENT(S)
RY	ROOM
RSC	RIGID STEEL CONDUIT
SHT	SHEET
SW	SWITCH
SWBD	SWITCHBOARD
TC	TERMINAL CABINET
TEL	TELEPHONE
TYP	TYPICAL
UN	UNLESS OTHERWISE NOTED
V	VOLT
W	WATT
WP	WEATHERPROOF
XFR	TRANSFORMER

### SHEET INDEX

E01	ELECTRICAL COVER SHEET
E1.0	SITE LIGHTING PLAN
E1.0P	SITE PHOTOMETRIC CALCULATION

### WIRING & CONDUIT RUN SYMBOLS

CONDUIT - CONCEALED IN WALLS OR CEILING.

CONDUIT - EXPOSED.

CONDUIT - IN OR BELOW FLOOR, 3/4" MIN.

CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES. CROSSHATCH WITH SUBSCRIPT 'S' INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODES. CROSSHATCHES WITH '10' INDICATES WIRE SIZE OTHER THAN #12'S.

FLEX CONDUIT WITH CONNECTION.

CONDUIT - STUB UP.

CONDUIT - STUB DOWN.

CAFFED CONDUIT.

CONDUIT CONTINUATION.

### POWER DISTRIBUTION SINGLE LINE SYMBOLS

CIRCUIT BREAKER.

"64E" METER W/ CURRENT TRANSFORMER.

TRANSFORMER.

NORMALLY OPENED, AUXILIARY CONTACT.

NORMALLY CLOSED, AUXILIARY CONTACT.

### GENERAL ELECTRICAL NOTES

- THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF ELECTRICAL EQUIPMENT, DEVICES AND WIRING.
- RECEPTACLES, LIGHT SWITCHES, TELEPHONE-DATA OUTLETS AND OTHER RECESSED ELECTRICAL DEVICES THAT ARE SHOWN BACK TO BACK FIRE RATED WALLS SHALL BE SEPARATED HORIZONTALLY BY AT LEAST 24" AND FIRE SEALED PENETRATIONS AT RATED WALLS SHALL BE MADE WITH CONDUIT SLEEVES WITH END BUSHINGS AND UL LISTED FIRE PUTTY ON BOTH SIDES. SLEEVES BETWEEN ADJACENT BUILDINGS SHALL BE MADE USING LIQUID TIGHT FLEXIBLE CONDUIT.
- THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF TERMINAL BOXES AND CONDUIT ENTRANCES AGAINST SHOP DRAWINGS AND EQUIPMENT BY OTHER TRADES PRIOR TO INSTALLATION.
- IN CASE OF CONFLICT BETWEEN ELECTRICAL EQUIPMENT SHOWN ON THE DRAWINGS AND OTHER EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING BEFORE PROCEEDING.
- ALL OUTDOOR DEVICES SHALL BE WEATHERPROOF. CONTRACTOR SHALL PROVIDE ADDITIONAL PULL BOXES WHERE THEY ARE REQUIRED TO MAKE A WORKABLE INSTALLATION. ALL PULL BOXES ABOVE GROUND SHALL BE PAD LOCKABLE.
- DO NOT ROUTE ANY VIDEO/DATA OR ANY OTHER SIGNAL SYSTEM VIA POWER BOXES.
- USE OF RIGID THREADED CONDUIT IS REQUIRED IN ALL LOCATIONS EXPOSED TO PHYSICAL DAMAGE.
- MINIMUM UNDERGROUND CONDUIT SIZE SHALL BE 1".
- COORDINATE EXACT LOCATION OF HVAC UNITS AND CONFIRM UNIT NAMEPLATE PRIOR TO EQUIP-IN.
- PROVIDE A CODE SIZED GROUND WIRE IN ALL CONDUIT RUN.
- VERIFY MOUNTING HEIGHTS TO ALL RECEPTACLES MOUNTED ABOVE COUNTERS.
- PROVIDE PANEL LEGENDS TO ALL NEW PANELBOARDS.
- PROVIDE "STICK-ON" LABEL TO ALL RECEPTACLES, LIGHT SWITCHES, DISCONNECT SWITCHES, PANELBOARDS WITH PANELBOARD CIRCUIT DESIGNATION.
- ALL INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND THE NATIONAL ELECTRICAL CODE.
- PROVIDE ALL FINAL ELECTRICAL CONNECTION TO ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTION.
- THIS SHALL INCLUDE BUT NOT BE LIMITED TO THE CONNECTION OF ALL MECHANICAL AND OTHER EQUIPMENT WHICH IS TO BE INSTALLED AS PART OF THIS CONTRACT.
- PROVIDE ADDITIONAL SUPPORTS FOR SWITCHES, STARTERS, RACEWAYS AND ELECTRICAL EQUIPMENT WHEREVER THE BUILDING STRUCTURE IS NOT SUITABLE FOR DIRECT MOUNTING.
- REFER TO MECHANICAL DRAWINGS FOR EXACT CONTROL WIRING REQUIREMENTS AND MECHANICAL EQUIPMENT LOCATIONS AND CONNECTIONS.
- ALL EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND PROPERLY LABELED.

### POWER AND SIGNAL NOTES

- UNLESS SPECIFICALLY DIMENSIONED, ALL OUTLETS SHALL BE INSTALLED AT THE NEAREST STUD. REVIEW LAYOUT OF ALL ELECTRICAL DISTRIBUTION SYSTEMS IN THE FIELD WITH THE ARCHITECT PRIOR TO INSTALLATION.
- CONTRACTOR SHALL COORDINATE TELEPHONE AND DATA SYSTEM POWER AND DISTRIBUTION REQUIREMENTS WITH THE TENANT. PROVIDE EXTENSION RINGS AND PULL STRINGS TO CEILING PLENUM FOR BOTH TELEPHONE AND DATA LINES. ACTUAL SUPPORT, PULLING, AND CABLE TERMINATIONS SHALL BE N.I.C. UNLESS OTHERWISE NOTED. ALL EXPOSED CABLE IN CEILING PLENUM SHALL BE TEFLOON COATED OR IN CONDUIT. BUNDLE LARGE CABLE GROUPINGS AND SUPPORT INDEPENDENTLY OF SUSPENDED CEILING.
- MULTIPLE SWITCHES OR OUTLETS OF SIMILAR TYPE WHETHER NEW OR EXISTING SHALL BE GANGED TOGETHER IN SINGLE WALL PLATES.
- ALL NEW OUTLETS ARE TO BE MOUNTED AT 15" FROM BOTTOM OF BOX A.F.F. UNLESS OTHERWISE NOTED.
- ALL NEW SWITCHES ARE TO BE MOUNTED AT 48" TO TOP OF BOX A.F.F. UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE TO BE CENTERLINE OF FIXTURE OR GROUP OF FIXTURES, DEVICES, UNLESS OTHERWISE NOTED.
- ALL SPACES ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSHING FOR FUTURE BREAKER OR SWITCH.
- GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS AS REQUIRED BY EQUIPMENT.
- REMOVE ALL EXISTING ELECTRICAL CONDUIT, SWITCHES, RECEPTACLES, ETC. WHICH WILL NOT BE REUSED OR WHICH ARE NOT IN COMPLIANCE WITH CURRENT CODES, ORDINANCES, ETC.
- ALL OUTLETS, SWITCHES AND COVERPLATES SHALL MATCH THE EXISTING TYPE AND FINISH.

### PANEL SCHEDULE GENERAL NOTES

- WHERE REQUIRED, FURNISH AND INSTALL NEW CIRCUIT BREAKER(S) AS SHOWN IN EXISTING SPACES(S). THE NEW CIRCUIT BREAKER(S) SHALL MATCH EXISTING AND BE COMPATIBLE FOR INSTALLATION IN EXISTING PANELBOARD. FURNISH AND INSTALL ALL MOUNTING HARDWARE AND MAKE ALL NECESSARY CONNECTIONS AS REQUIRED AND COORDINATE WITH THE MANUFACTURER PRIOR TO ORDERING.
- EFFECTIVELY BOND ELECTRICAL CABINETS, ENCLOSURES AND CONDUIT RACEWAYS TO CODE APPROVED GROUND AS PART OF THE CONTINUOUS GROUNDING SYSTEM. PROVIDE COMMON AND ISOLATED GROUNDING SYSTEM AS REQUIRED.
- MODIFICATIONS AND ADDITIONS TO EXISTING PANELBOARDS SHALL UTILIZE COMPONENTS AND EQUIPMENT BY ORIGINAL EQUIPMENT MANUFACTURER.
- TORQUE ALL BUS CIRCUIT BREAKER AND CABLE CONNECTIONS.
- UPGRADE ALL PANELBOARD SCHEDULES TO NEW DESIGNATIONS.

### Legend

### Key Plan

### Project Title

**SUMMIT SAN ALESO**

824 SAN ALESO AVENUE  
SUNNYVALE, CA 94085

**SUMMIT PUBLIC SCHOOLS**

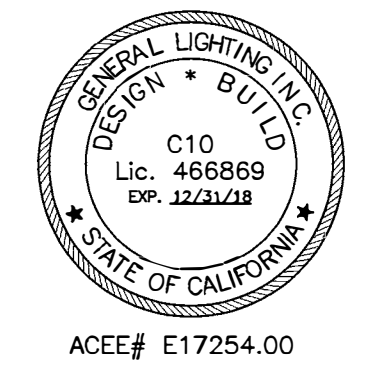
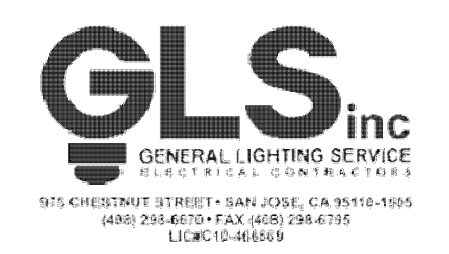
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1	Planning Resubmittal	03.13.18
2	Planning Resubmittal	06.06.18
3	Planning Commission Study Session	08.09.18
4	Planning Resubmittal	09.19.18

### Drawing Title

**ELECTRICAL COVER SHEET**

Regulatory Agency Approval Architect Seal

File Number	-	Drawing No	<b>E0.1</b>
Application Number	-		
Project No.	128197		
Date	12.1.17		







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Legend

Key Plan

Project Title

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SUNNYVALE, CA 94085

**SUMMIT PUBLIC SCHOOLS**

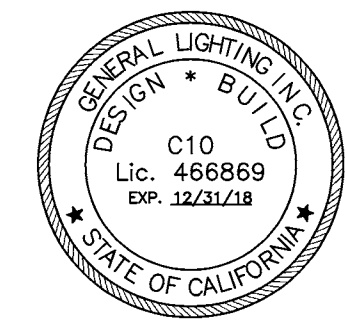
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Drawing Title

**SITE LIGHTING & POWER PLAN**

Regulatory Agency Approval

Architect Seal



ACEE# E17254.00

File Number	-	Drawing No	<b>E1.0</b>
Application Number	-	Project No.	
Project No.	128197	Date	
Date	12.1.17		

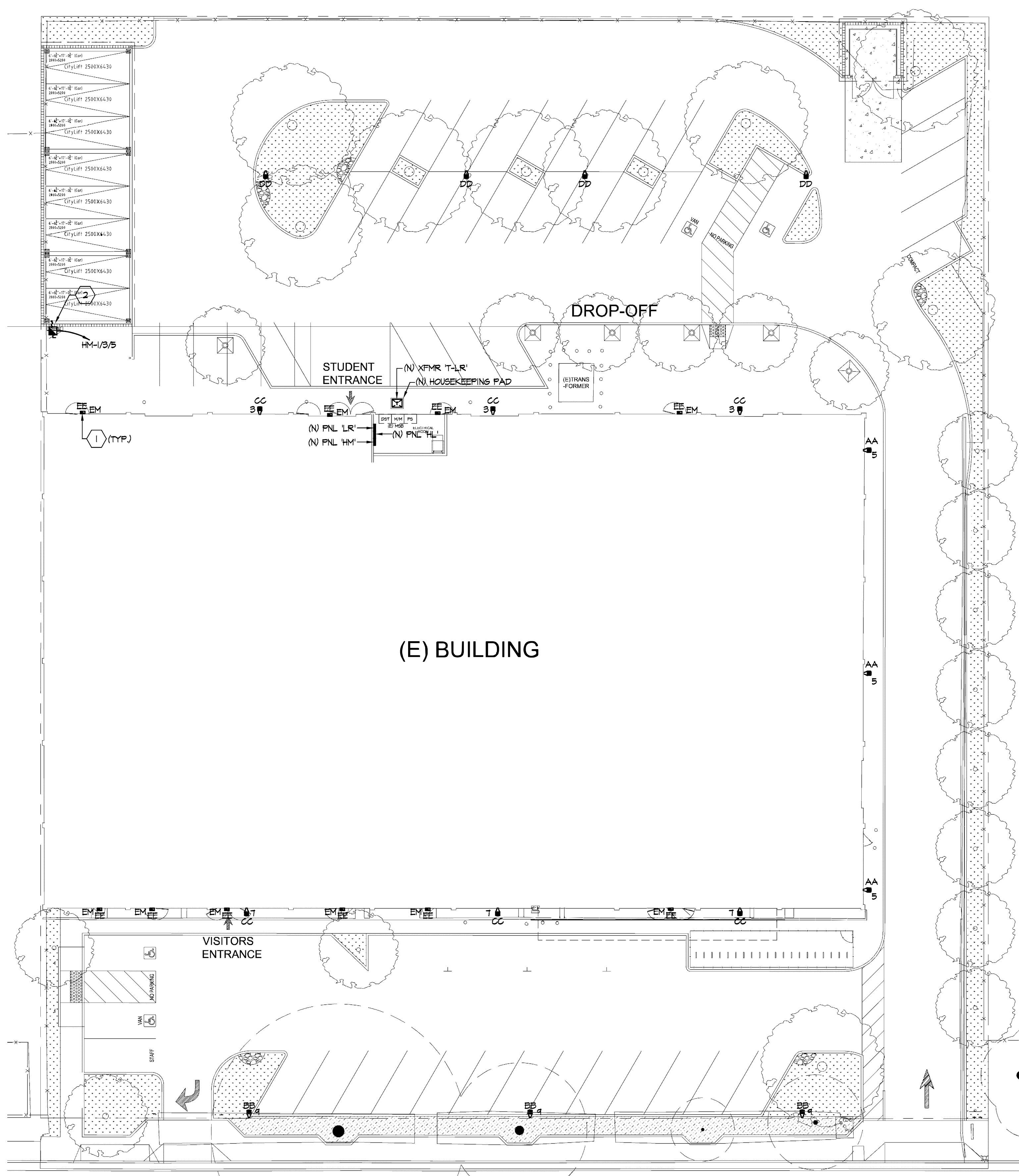
**LIGHT FIXTURE SCHEDULE**

TYPE	SYMBOL	DESCRIPTION	MOUNTING	WATTAGE
AA	◀	WALL MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABLE POLYESTER POWDER COAT FINISH. FIXTURE SHALL BE PROVIDED WITH INTEGRATED MOTION SENSOR AND SHALL BE DIMMABLE. FIXTURE SHALL BE 3000 KELVIN TEMPERATURE AND SHALL HAVE TYPE 3 OPTICS.  VISIONAIRE LIGHTING: V5X-I-TI-6LC-3-3K-UNV-MM-DIM-WGC20 OR EQUAL BUG RATINGS: B1 U0 61	WALL MOUNTED @ 12' A.F.F.	18W
BB	◀	POLE MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABLE POLYESTER POWDER COAT FINISH. FIXTURE SHALL BE PROVIDED WITH INTEGRATED MOTION SENSOR AND SHALL BE DIMMABLE. FIXTURE SHALL BE 3000 KELVIN TEMPERATURE AND SHALL HAVE TYPE 3 OPTICS. FIXTURE SHALL BE PROVIDED TO MOUNT FIXTURE AT NOTED HEIGHT.  VISIONAIRE LIGHTING: V5X-I-T3-32LC-5-3K-UNV-AM-DIM-WGC200 OR EQUAL BUG RATINGS: B1 U0 62	POLE MOUNTED @ 10' A.F.F.	52W
CC	◀	WALL MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABLE POLYESTER POWDER COAT FINISH. FIXTURE SHALL BE PROVIDED WITH INTEGRATED MOTION SENSOR AND SHALL BE DIMMABLE. FIXTURE SHALL BE 3000 KELVIN TEMPERATURE AND SHALL HAVE TYPE 3 OPTICS.  VISIONAIRE LIGHTING: V5X-I-T3-48LC-7-3K-UNV-MM-DIM-WGC200 OR EQUAL BUG RATINGS: B2 U0 62	WALL MOUNTED @ 12' A.F.F.	106W
DD	◀	POLE MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABLE POLYESTER POWDER COAT FINISH. FIXTURE SHALL BE PROVIDED WITH INTEGRATED MOTION SENSOR AND SHALL BE DIMMABLE. FIXTURE SHALL BE 3000 KELVIN TEMPERATURE AND SHALL HAVE TYPE 3 OPTICS. FIXTURE SHALL BE PROVIDED TO MOUNT FIXTURE AT NOTED HEIGHT.  VISIONAIRE LIGHTING: V5X-I-T3-32LC-5-3K-UNV-AM-DIM-WGC20 OR EQUAL BUG RATINGS: B3 U0 61	POLE MOUNTED @ 12' A.F.F.	52W
EE	■	WALL MOUNT EMERGENCY ONLY LIGHT FIXTURE  RAB LIGHTING: WP2LED-37-N OR EQUAL BUG RATINGS: B1 U3 63	WALL MOUNTED ABOVE DOOR	

**GENERAL NOTES:**  
1. ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2016 CALIFORNIA ELECTRICAL CODE.

**SHEET NOTES:**  
1. FIXTURE TYPE 'EE' IS EMERGENCY ONLY AND ACTIVATED WHEN NORMAL POWER IS INTERRUPTED. CONNECT FIXTURES TO INTERIOR EMERGENCY LIGHT/EXIT SIGN CIRCUITRY.  
2. POWER CONNECTION FOR VEHICLE LIFT. PROVIDE NEMA 3R FUSED DISCONNECT SWITCH. COORDINATE EXACT LOCATION AND TERMINATION WITH LIFT INSTALLER.

**LIGHTING NOTES:**  
1. ALL EXTERIOR LIGHTS SHALL BE CONNECTED TO PANEL 'HL', U.O.N.



(E) BUILDING

**1 SITE LIGHTING & POWER PLAN**

E1.0 SCALE: 1/16" = 1'-0"





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Legend

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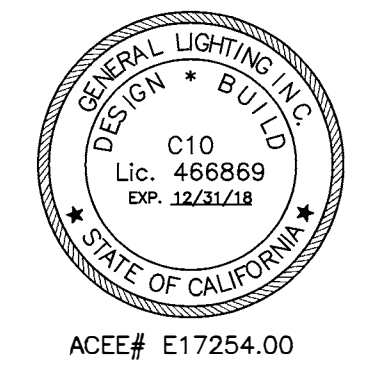
**SUMMIT PUBLIC SCHOOLS**

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**Drawing Title**  
**SITE PHOTOMETRIC CALCULATION**

Regulatory Agency Approval \_\_\_\_\_ Architect Seal \_\_\_\_\_

File Number	-	Drawing No	<b>E1.0P</b>
Application Number	-		
Project No.	128197		
Date	12.1.17		



ACEE# E17254.00

**VSX LED** Project Name: \_\_\_\_\_ Catalog Number: \_\_\_\_\_ Type: \_\_\_\_\_

The VSX LED Series offers clean, functional styling that is defined by its sleek low profile design and rugged construction. It combines LED performance and advanced LED thermal management technology and provides outdoor lighting that is both energy efficient and aesthetically pleasing.

The LED's performance and the driver's life are maximized by enclosing them in two separate cast aluminum housings. Easy-to-access captive screw access for mounting and maintenance.

**Dimensional Drawings**

The LED light assemblies come with 16 to 48 LEDs. Seven optical distribution patterns are available. Choose between 3000, 4000 or 5000K color temperatures of the LEDs.

A durable polyester powder coat finish is guaranteed for five years, and is available in standard or custom colors.

The VSX LED series is an exceptional choice for commercial parking lots, office complexes, and municipal projects, and other general lighting projects.

Model	Optic	LEDs	Beam Angle	Beam Spread	Beam Diameter	Finish	Options
VSX-1	16° (16LC)	16 (3)	3000K (3K)	120-277 (UNV)	480" (8')	Black (BK)	Bluetooth & Bridgeable (PCB20) (PCB20B) (PCB20C) (PCB20D) (PCB20E) (PCB20F) (PCB20G) (PCB20H) (PCB20I) (PCB20J) (PCB20K) (PCB20L) (PCB20M) (PCB20N) (PCB20O) (PCB20P) (PCB20Q) (PCB20R) (PCB20S) (PCB20T) (PCB20U) (PCB20V) (PCB20W) (PCB20X) (PCB20Y) (PCB20Z)
	32° (32LC)	32 (6)	4000K (4K)	120-277 (UNV)	480" (8')	Smooth Black (SBL)	Photo Recastable (PER) (PCB20R)
	48° (48LC)	48 (9)	5000K (5K)	120-277 (UNV)	480" (8')	Smooth White (SWH)	Bluetooth & Bridgeable (PCB20) (PCB20B) (PCB20C) (PCB20D) (PCB20E) (PCB20F) (PCB20G) (PCB20H) (PCB20I) (PCB20J) (PCB20K) (PCB20L) (PCB20M) (PCB20N) (PCB20O) (PCB20P) (PCB20Q) (PCB20R) (PCB20S) (PCB20T) (PCB20U) (PCB20V) (PCB20W) (PCB20X) (PCB20Y) (PCB20Z)
	100° (100LC)	100 (16)	5000K (5K)	120-277 (UNV)	480" (8')	Smooth White (SWH)	Bluetooth & Bridgeable (PCB20) (PCB20B) (PCB20C) (PCB20D) (PCB20E) (PCB20F) (PCB20G) (PCB20H) (PCB20I) (PCB20J) (PCB20K) (PCB20L) (PCB20M) (PCB20N) (PCB20O) (PCB20P) (PCB20Q) (PCB20R) (PCB20S) (PCB20T) (PCB20U) (PCB20V) (PCB20W) (PCB20X) (PCB20Y) (PCB20Z)

**VISIONAIRE LIGHTING**

**VSX LED**

**Mounting**  
The VSX LED Series is designed for easy installation. The luminaire is designed to be mounted to a wall or ceiling. The luminaire is designed to be mounted to a wall or ceiling. The luminaire is designed to be mounted to a wall or ceiling.

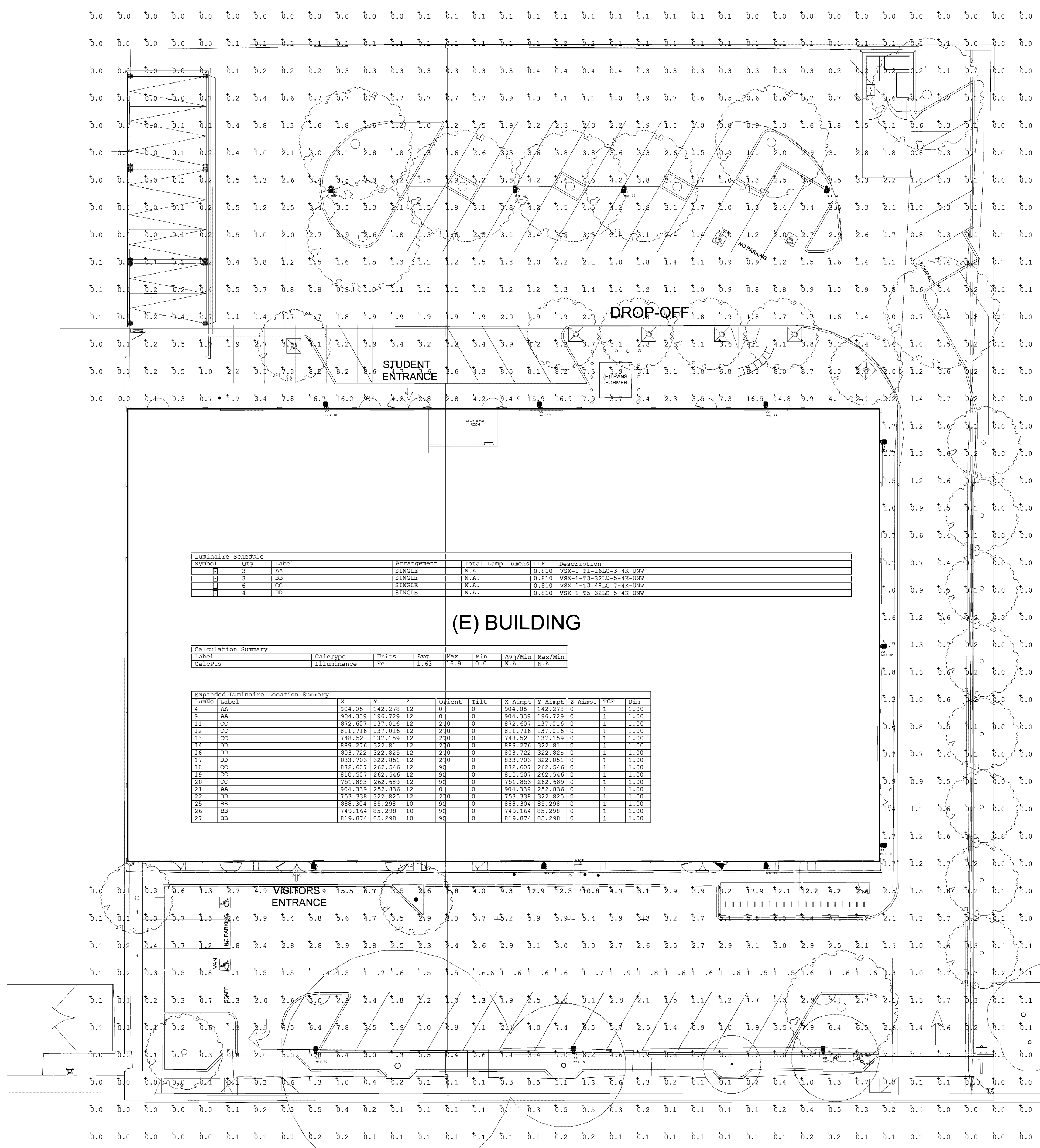
**Thermal Management**  
The VSX LED Series is designed with advanced thermal management technology. The luminaire is designed to be mounted to a wall or ceiling. The luminaire is designed to be mounted to a wall or ceiling.

**Optical System**  
The VSX LED Series is designed with advanced optical systems. The luminaire is designed to be mounted to a wall or ceiling. The luminaire is designed to be mounted to a wall or ceiling.

**Quick Guard Finish**  
The VSX LED Series is designed with a quick guard finish. The luminaire is designed to be mounted to a wall or ceiling. The luminaire is designed to be mounted to a wall or ceiling.

**End User Inventory**

Model	Optic	LEDs	Beam Angle	Beam Spread	Beam Diameter	Finish	Options
VSX-1	16° (16LC)	16 (3)	3000K (3K)	120-277 (UNV)	480" (8')	Black (BK)	Bluetooth & Bridgeable (PCB20) (PCB20B) (PCB20C) (PCB20D) (PCB20E) (PCB20F) (PCB20G) (PCB20H) (PCB20I) (PCB20J) (PCB20K) (PCB20L) (PCB20M) (PCB20N) (PCB20O) (PCB20P) (PCB20Q) (PCB20R) (PCB20S) (PCB20T) (PCB20U) (PCB20V) (PCB20W) (PCB20X) (PCB20Y) (PCB20Z)
VSX-1	32° (32LC)	32 (6)	4000K (4K)	120-277 (UNV)	480" (8')	Smooth Black (SBL)	Photo Recastable (PER) (PCB20R)
VSX-1	48° (48LC)	48 (9)	5000K (5K)	120-277 (UNV)	480" (8')	Smooth White (SWH)	Bluetooth & Bridgeable (PCB20) (PCB20B) (PCB20C) (PCB20D) (PCB20E) (PCB20F) (PCB20G) (PCB20H) (PCB20I) (PCB20J) (PCB20K) (PCB20L) (PCB20M) (PCB20N) (PCB20O) (PCB20P) (PCB20Q) (PCB20R) (PCB20S) (PCB20T) (PCB20U) (PCB20V) (PCB20W) (PCB20X) (PCB20Y) (PCB20Z)
VSX-1	100° (100LC)	100 (16)	5000K (5K)	120-277 (UNV)	480" (8')	Smooth White (SWH)	Bluetooth & Bridgeable (PCB20) (PCB20B) (PCB20C) (PCB20D) (PCB20E) (PCB20F) (PCB20G) (PCB20H) (PCB20I) (PCB20J) (PCB20K) (PCB20L) (PCB20M) (PCB20N) (PCB20O) (PCB20P) (PCB20Q) (PCB20R) (PCB20S) (PCB20T) (PCB20U) (PCB20V) (PCB20W) (PCB20X) (PCB20Y) (PCB20Z)



**Luminaire Schedule**

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LF	Description
AA	3	AA	SINGLE	N.A.	0.810	VSX-1-16-16LC-3-4K-UNV
BB	3	BB	SINGLE	N.A.	0.810	VSX-1-32-32LC-5-4K-UNV
CC	6	CC	SINGLE	N.A.	0.810	VSX-1-48-48LC-5-4K-UNV
DD	4	DD	SINGLE	N.A.	0.810	VSX-1-100-100LC-5-4K-UNV

**Calculation Summary**

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcFcs	illumance	FC	1.63	16.9	0.0	N.A.	N.A.

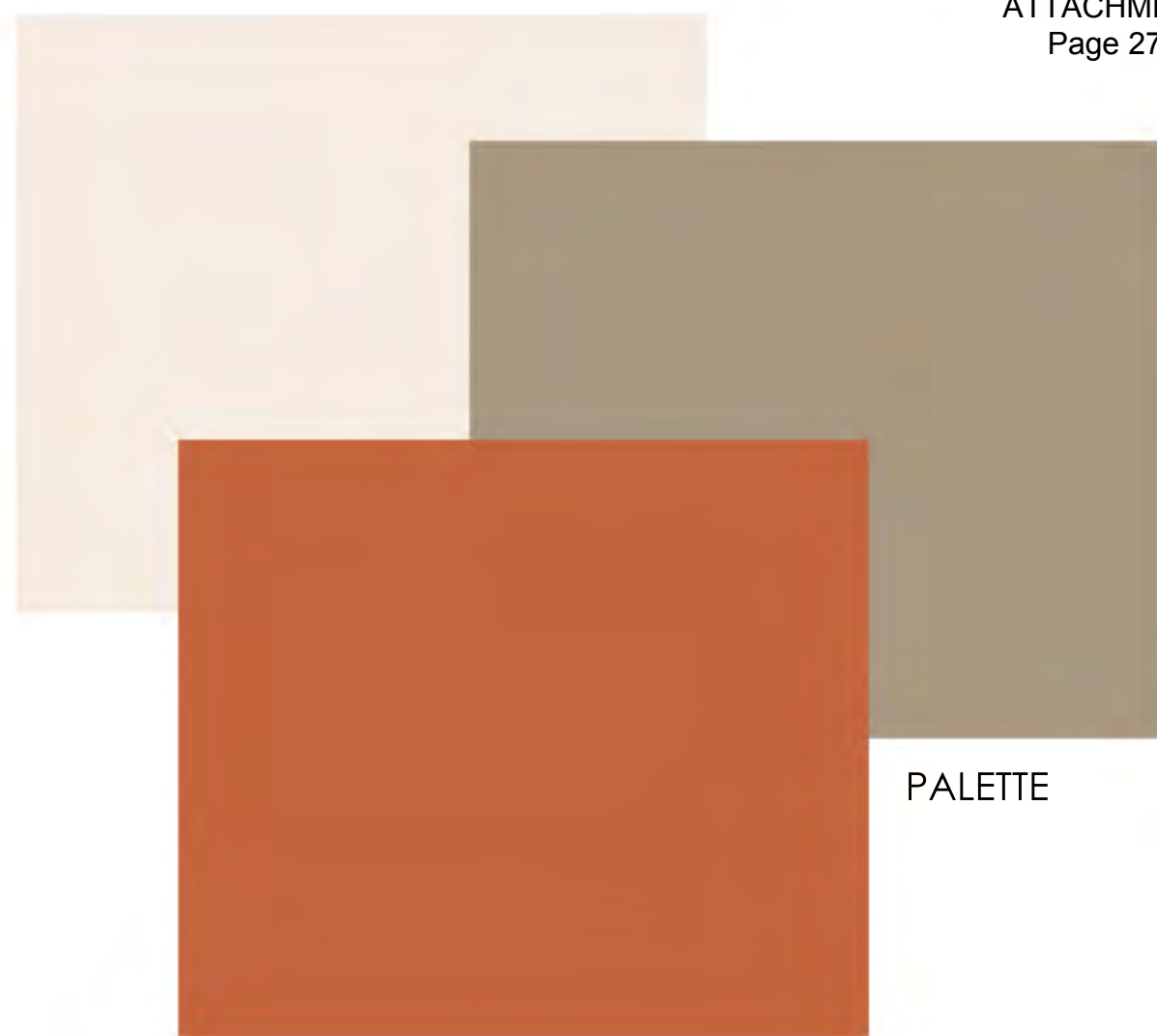
**Expanded Luminaire Location Summary**

LumNo	Label	X	Y	Z	Orient	Tilt	X-Aimpt	Y-Aimpt	Z-Aimpt	TCF	Dim
4	AA	904.05	142.278	12	0	0	904.05	142.278	0	1	1.00
9	AA	904.339	136.229	12	0	0	904.339	136.229	0	1	1.00
11	CC	872.607	137.016	12	210	0	872.607	137.016	0	1	1.00
12	CC	811.716	137.016	12	210	0	811.716	137.016	0	1	1.00
13	CC	749.52	137.159	12	210	0	749.52	137.159	0	1	1.00
14	DD	889.276	322.81	12	210	0	889.276	322.81	0	1	1.00
16	DD	803.722	322.825	12	210	0	803.722	322.825	0	1	1.00
17	DD	833.103	322.831	12	210	0	833.103	322.831	0	1	1.00
18	CC	872.607	262.546	12	90	0	872.607	262.546	0	1	1.00
19	CC	810.507	262.546	12	90	0	810.507	262.546	0	1	1.00
20	CC	751.633	262.689	12	90	0	751.633	262.689	0	1	1.00
21	AA	904.339	252.836	12	0	0	904.339	252.836	0	1	1.00
22	DD	753.338	322.825	12	210	0	753.338	322.825	0	1	1.00
25	BB	889.304	85.298	10	90	0	889.304	85.298	0	1	1.00
26	BB	749.164	85.298	10	90	0	749.164	85.298	0	1	1.00
27	BB	819.874	85.298	10	90	0	819.874	85.298	0	1	1.00

**1 SITE PHOTOMETRIC CALCULATION**

E1.0P SCALE: 1/16" = 1'-0"

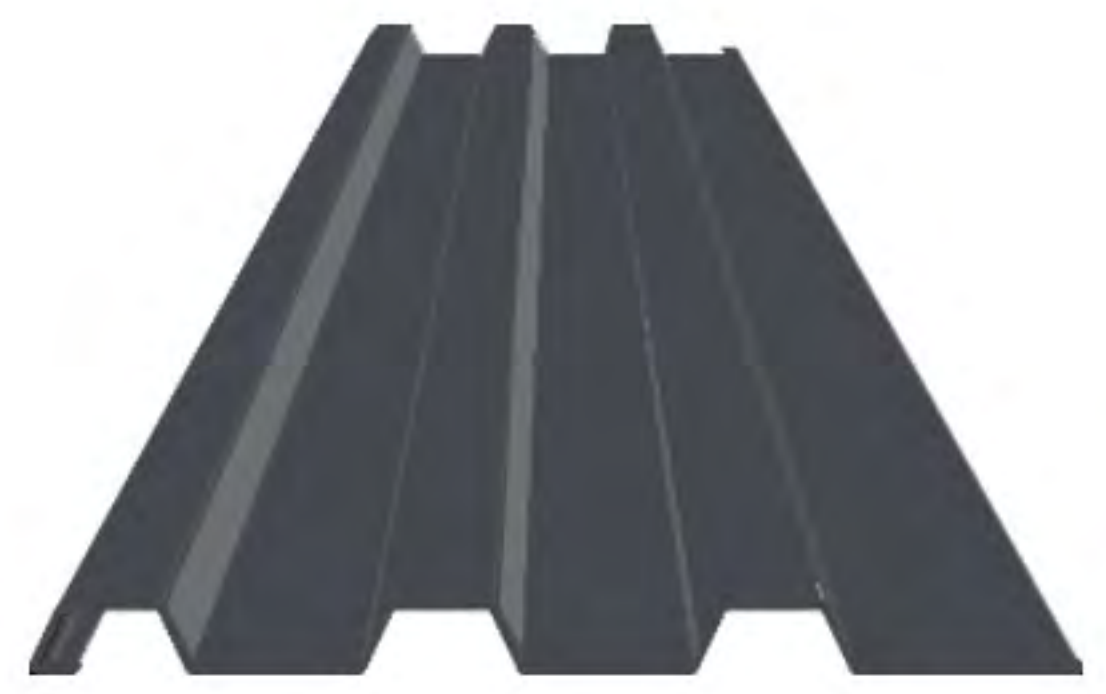




PALETTE



WAINSCOTTING EQUITONE LT20



WALL PANEL