



394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
www.Artika3.com

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
7	City Council Hearing	01.22.19

Drawing Title

SITE TOPOGRAPHIC SURVEY

Regulatory Agency Approval

Architect Seal

File Number

Drawing No

Application Number

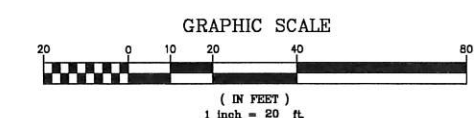
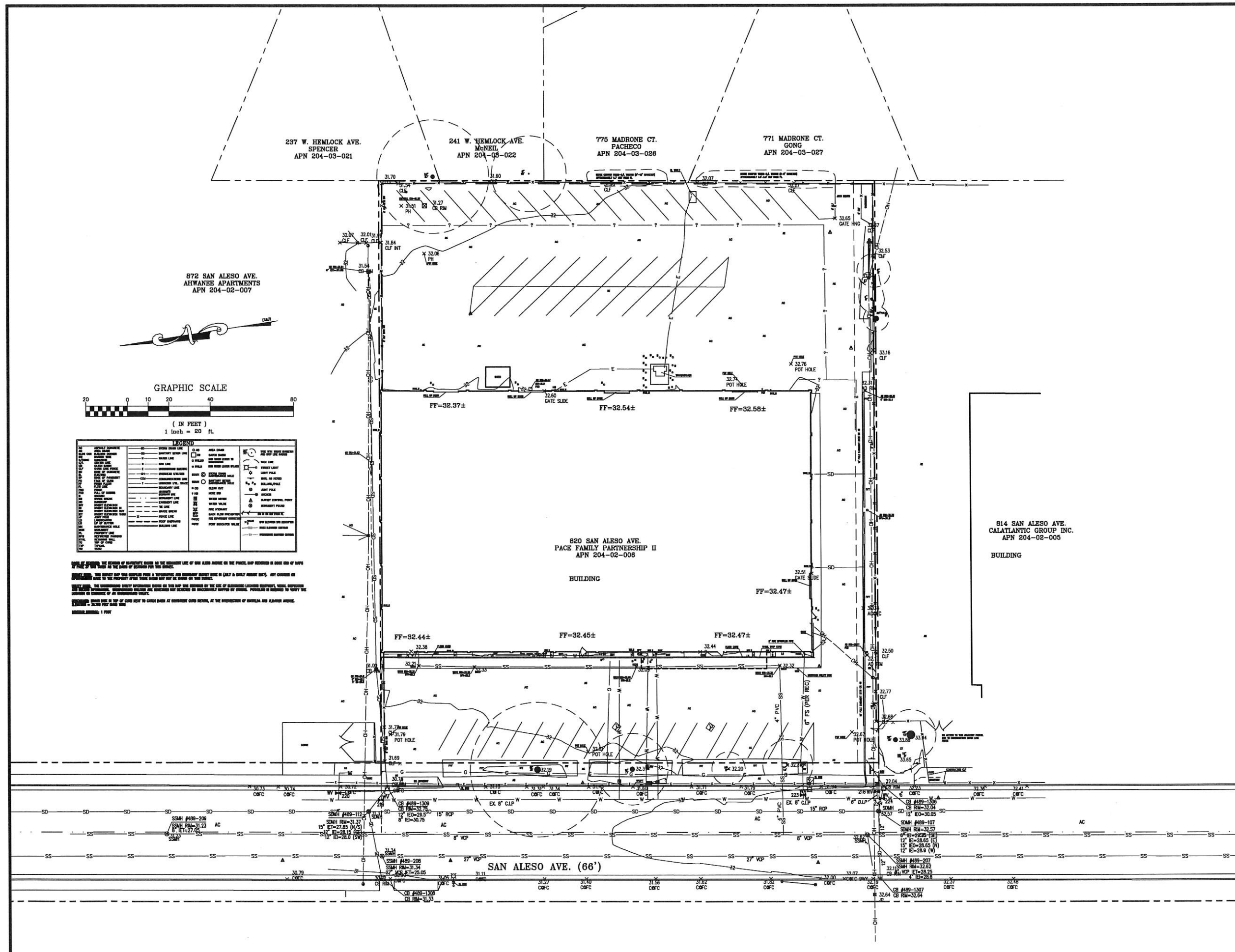
Project No.

Date

128197

12.01.17

CO



LEGEND

Symbol	Description	Symbol	Description
...

NOTES: THE OWNER HAS REVIEWED THIS DRAWING AND HAS ACCEPTED THE INFORMATION CONTAINED HEREIN AS ACCURATE AND COMPLETE. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL REVIEW OF THIS DRAWING AND HAS FOUND IT TO BE ACCURATE AND COMPLETE. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL REVIEW OF THIS DRAWING AND HAS FOUND IT TO BE ACCURATE AND COMPLETE. THE ENGINEER HAS CONDUCTED A VISUAL GENERAL REVIEW OF THIS DRAWING AND HAS FOUND IT TO BE ACCURATE AND COMPLETE.



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Drawing Title

SITE DEMOLITION PLAN

Regulatory Agency Approval Architect Seal

File Number	Drawing No
Application Number	C1
Project No.	
Date	

ABANDONMENT NOTES:

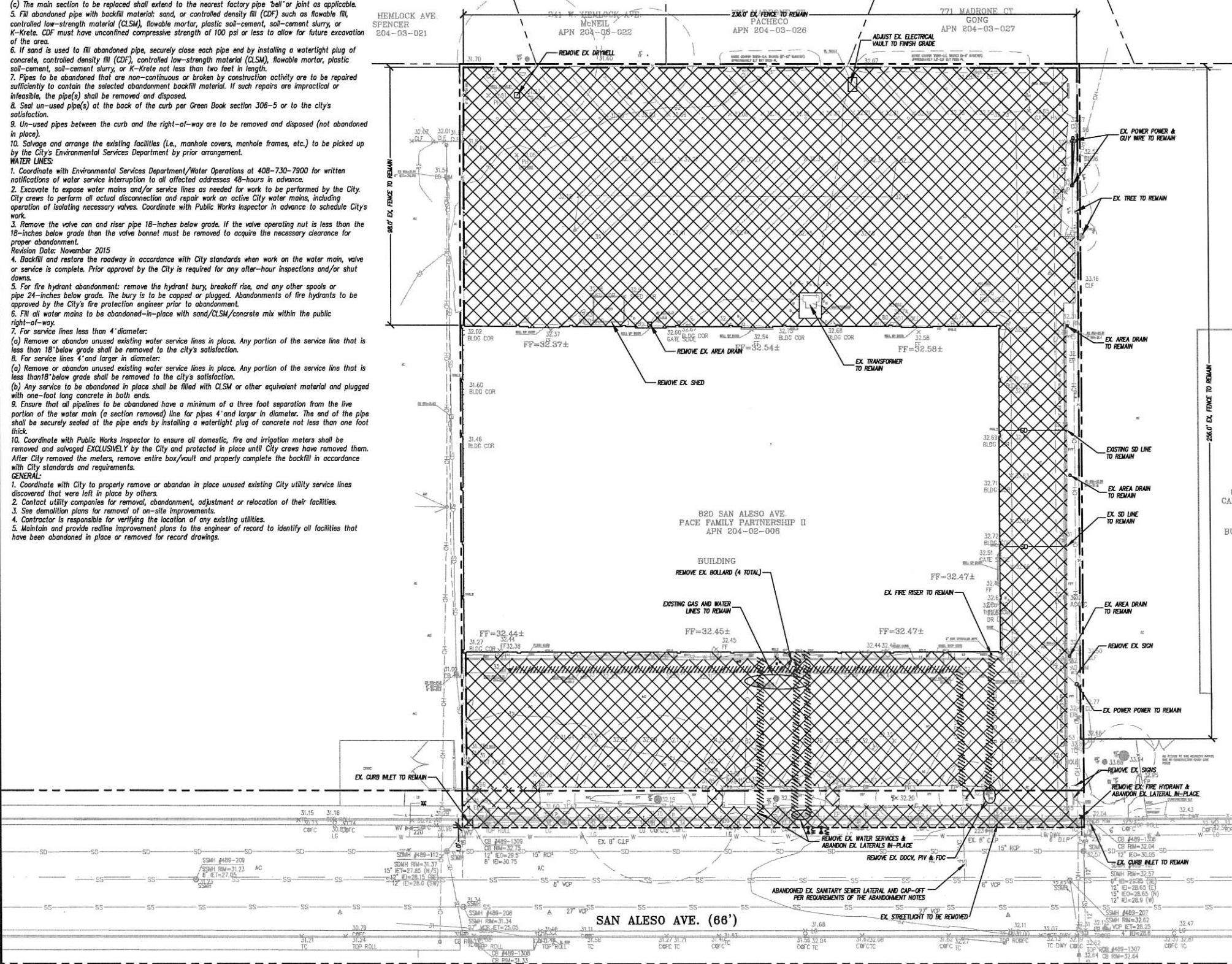
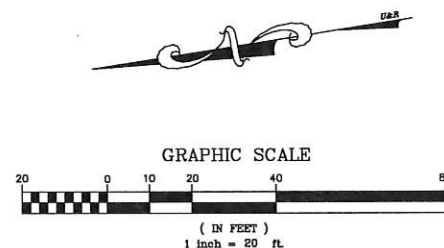
- SEWERS:**
1. Abandon in-place any un-used existing sanitary sewer lateral pipe from back of the curb to the sewer main.
 2. Any existing pipe occupying the same trench that will be used by a new line must be removed and cannot be abandoned in place.
 3. Any pipe to be abandoned, main line or service 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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GRADING & PAVING PLAN

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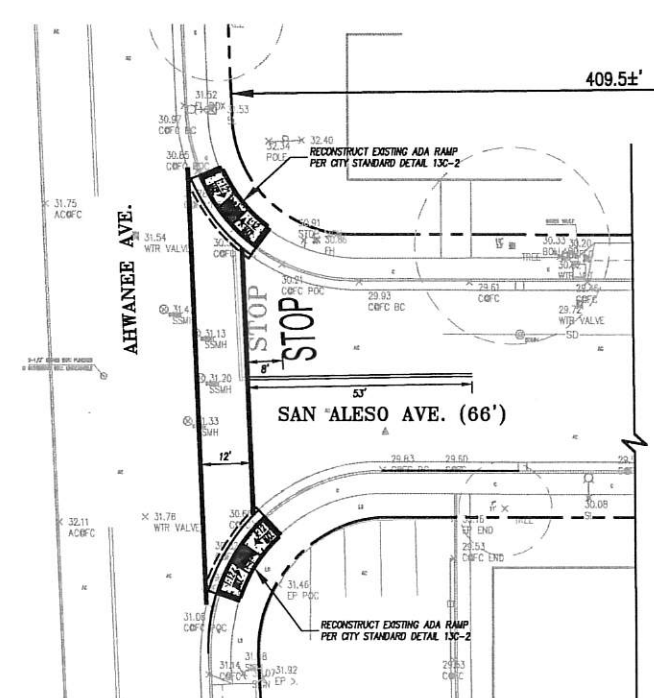
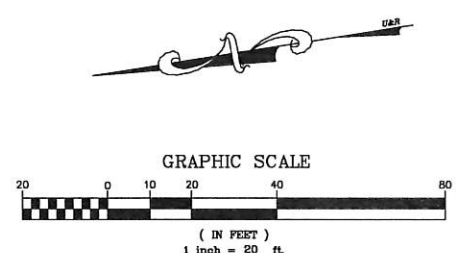
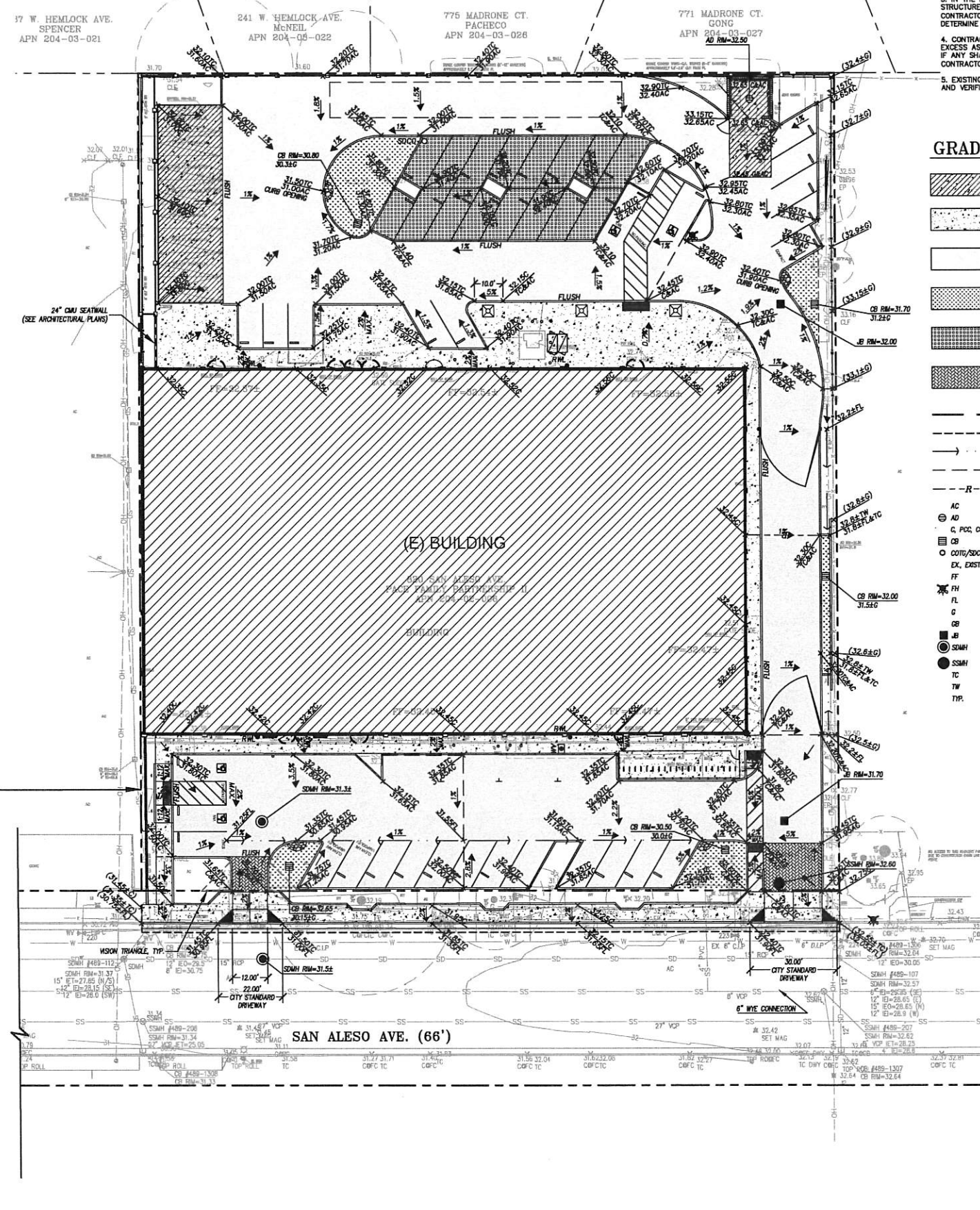
C2

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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.

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 C.I.)
- NEW PERVIOUS CONCRETE (1&2 C.I.)
- 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 CLEAN OUT TO GRADE
- EX, EXIST. EXISTING
- FF FINISH FLOOR
- FH FIRE HYDRANT
- FL FLOW LINE
- G GROUND
- GB GRADE BREAK
- JB JUNCTION BOX
- SMH STORM DRAIN MAINTENANCE HOLE
- SSM SANITARY SEWER MAINTENANCE HOLE
- TC TOP OF CURB
- TW TOP OF WALL
- TP. TYPICAL



**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 (SSPWC) (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).
- Plotting 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 manhole 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.

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- 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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UR UNDERWOOD & ROSENBLUM, INC.
civil engineers and surveyors
1630 Oakland Road, Suite A114, San Jose, CA 95131
(408) 453-1222

PROJECT: J17074 DATE PLOT: 01-18-2019

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
No. 42857
CIVIL
STATE OF CALIFORNIA

DATE: _____

PLUMBING LEGEND

- BIO-RETENTION (1/2" CB)
- NEW PERVIOUS CONCRETE (18" CB)
- 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)
- AD AREA DRAIN
- CB CATCH BASIN
- JB JUNCTION BOX
- SDMH STORM DRAIN MAINTENANCE HOLE
- SSMH SANITARY SEWER MAINTENANCE HOLE
- RL RAIN WATER LEADER
- OT/OT/SSCO/SSCO CLEAN OUT TO GRADE
- WV WATER VALVE
- WM WATER METER
- BFP BACK FLOW PREVENTER
- FH FIRE HYDRANT
- D.I.P. DUCTILE IRON PIPE
- EX. EXST. EXISTING
- FF FINISH FLOOR
- HDPE HIGH DENSITY POLYETHYLENE PIPE
- INVE INVERT ELEVATION
- EO INVERT ELEVATION IN
- EO OUT INVERT ELEVATION OUT
- ET INVERT ELEVATION THROUGH
- PVC POLYVINYL CHLORIDE
- SSP REINFORCED CONCRETE PIPE
- RS SANITARY SEWER
- SD STORM DRAIN
- TYP. TYPICAL
- W, DW DOMESTIC WATER

Key Plan

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SUMMIT SAN ALESO

USE PERMIT APPLICATION

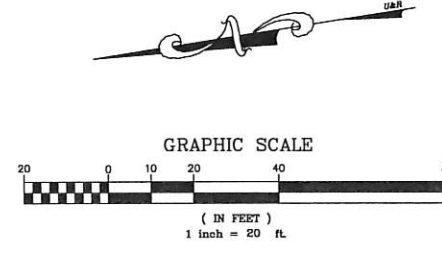
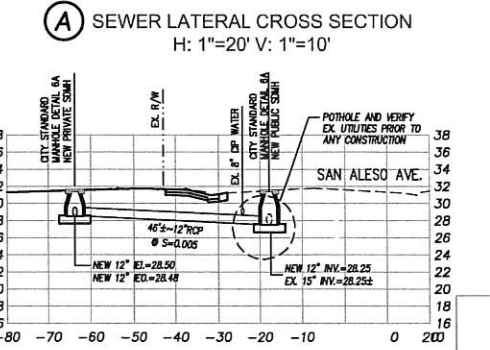
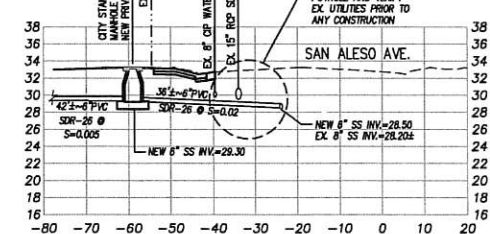
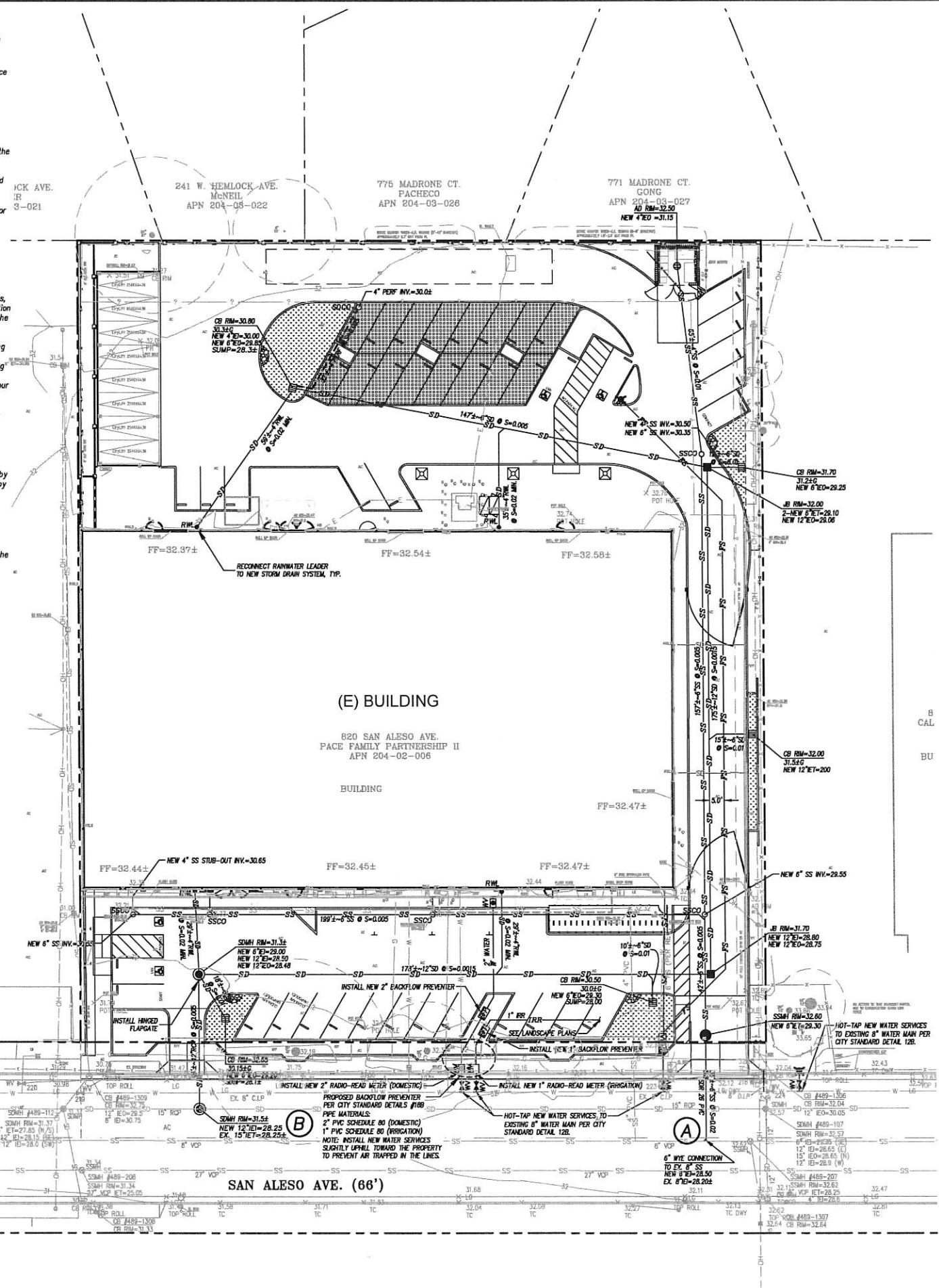
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SITE PLUMBING PLAN

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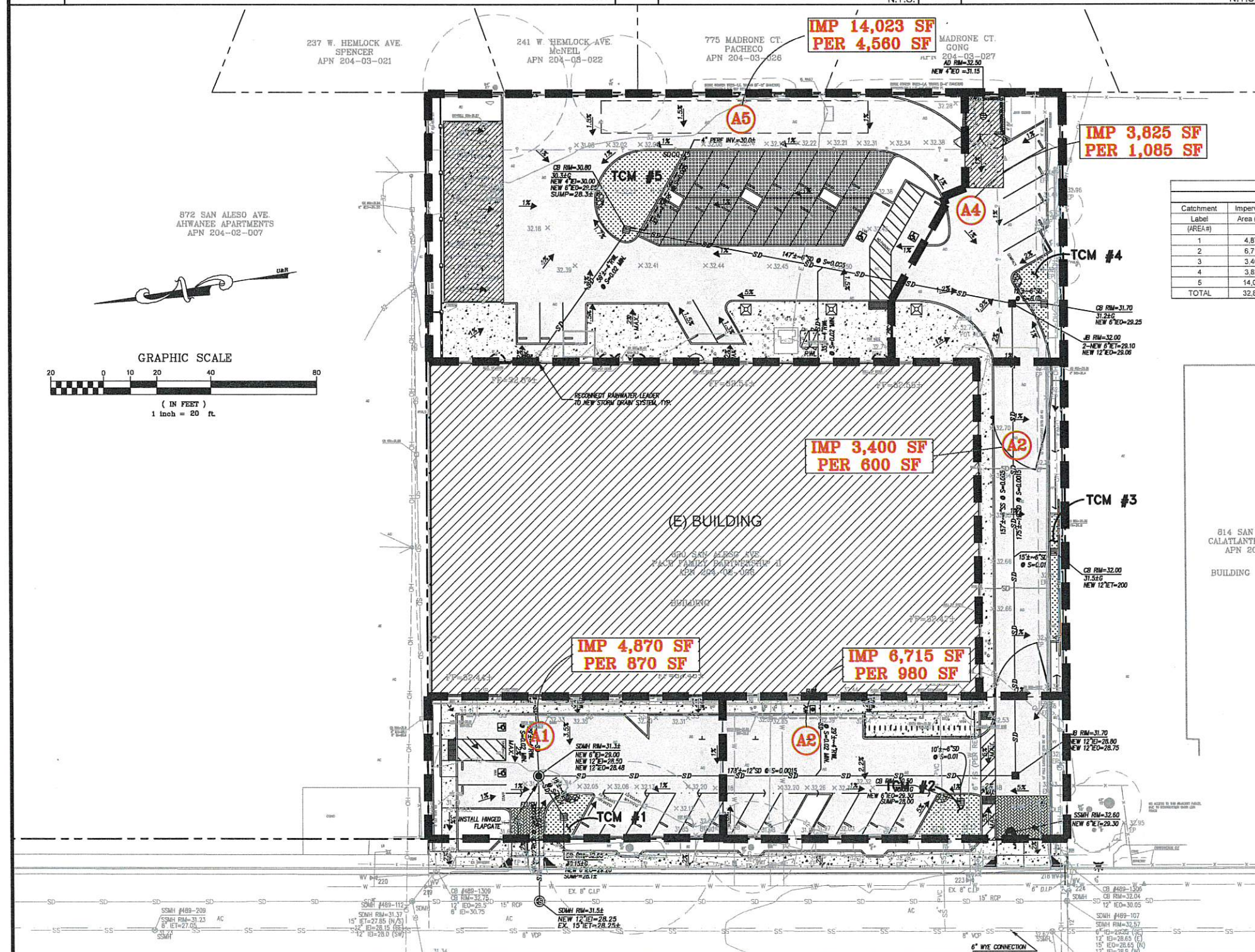
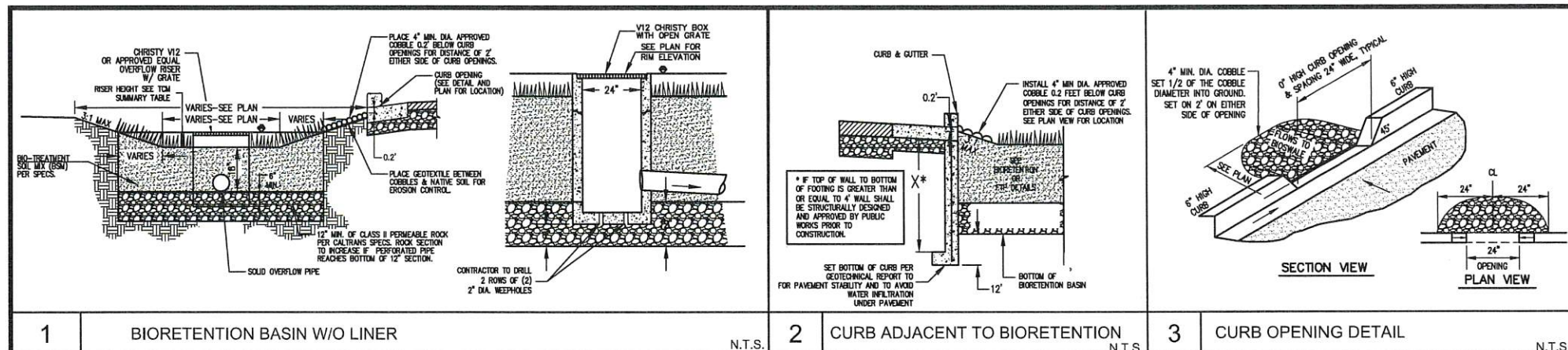
Drawing Title
SITE STORMWATER CONTROL PLAN

Regulatory Agency Approval Architect Seal

File Number	Drawing No
Application Number	C3.1
Project No.	
Date	

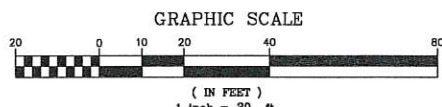
LEGEND & ABBREVIATION

- TCM #1**
BIO-RETENTION - INFILTRATION ALLOWED (1-2)
- TCM #2**
NEW CAR LIFT CONCRETE SLAB - THICKENED SECTION
(6" REINFORCED PCC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- TCM #3**
NEW CONCRETE SLAB
(4" REINFORCED PCC ON 4" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- TCM #4**
NEW AC PAVEMENT
(3" AC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))
- TCM #5**
NEW PERVIOUS CONCRETE (18 CB)
- TCM #6**
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	





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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 FIRE SERVICE PLAN

Regulatory Agency Approval Architect Seal

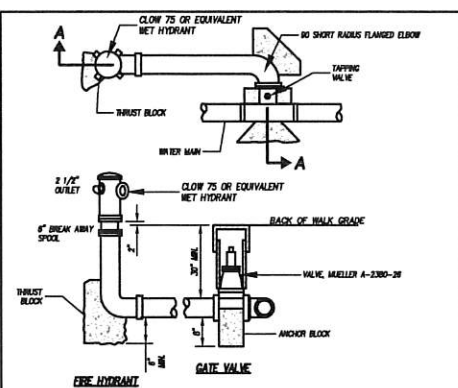
File Number Drawing No

Application Number

Project No. 128197

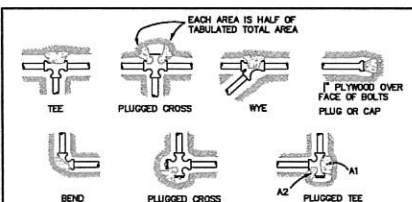
Date 12.01.17

C4.0



- 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 Limited, Greenberg 75 or approved equal for residential, Greenberg 75, Rich 750 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 Hydrante 450EG to F.O.C. Orient the 4" port on three port hydrants perpendicular to and facing F.O.C.
 6. A Break Products JRT valve box with word "WATER" to be furnished and installed with each valve.

ON-SITE FIRE HYDRANT ASSEMBLY

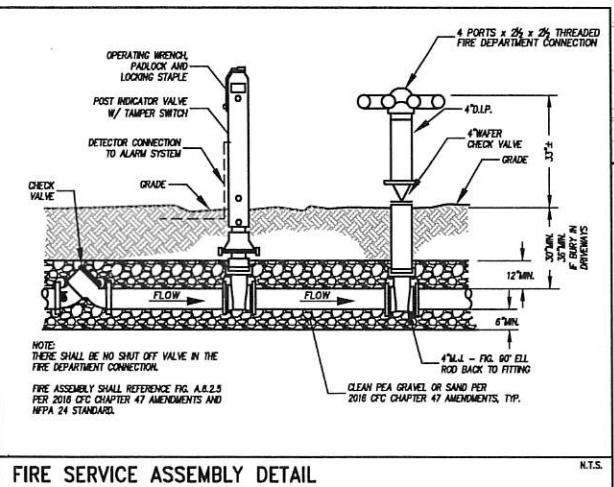


- NOTES:
1. CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH.
 2. KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES.
 3. THE REQUIRED THRUST BEARING AREAS FOR SPECIAL CONNECTIONS ARE SHOWN ENCLOSED ON THE PLANS. E.g. ⑤ INDICATES 15 SQUARE FEET BEARING AREA REQUIRED.
 4. IF NOT SHOWN ON PLANS 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.

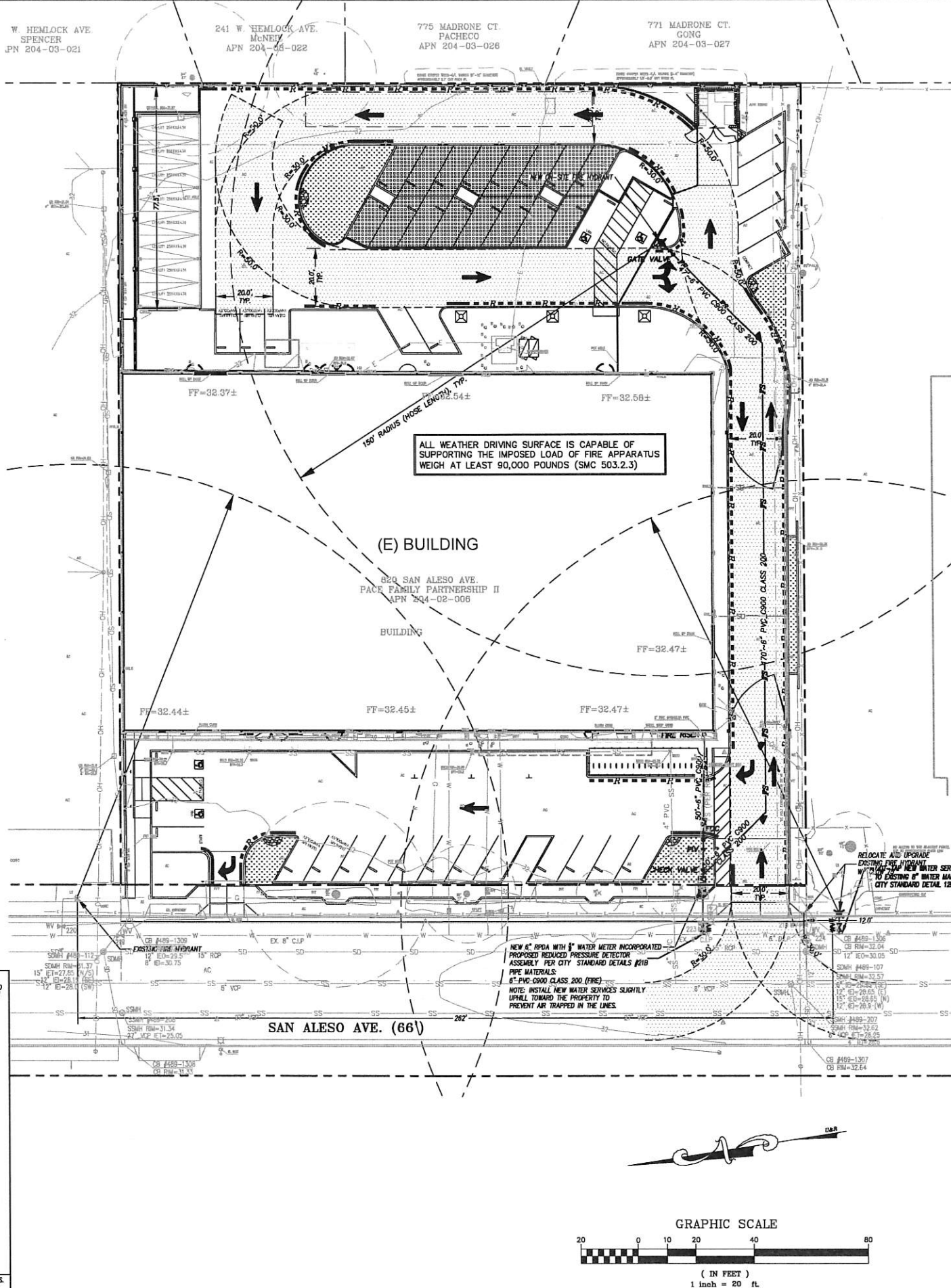
FITTING SIZE	TEE, WYE, PLUG OR CAP		90° BEND PLUGGED CROSS		TEE PLUGGED ON RUN		45° BEND		22.5° BEND		11.25° BEND	
	4"	6"	4"	6"	4"	6"	4"	6"	4"	6"	4"	6"
4	1.0	1.4	1.5	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
6	2.0	2.8	3.0	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	3.0	4.2	4.5	4.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
10	4.0	5.6	6.0	5.6	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
12	5.0	7.0	7.5	7.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0	5.0
14	6.0	8.4	9.0	8.4	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
16	7.0	9.8	10.5	9.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
18	8.0	11.2	12.0	11.2	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
20	9.0	12.6	13.5	12.6	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
24	11.0	15.4	16.5	15.4	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
30	14.0	19.8	21.0	19.8	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0

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



FIRE SERVICE ASSEMBLY DETAIL



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

UNDERGROUND FIRE SERVICE TO FIRE HYDRANTS REQUIREMENTS:

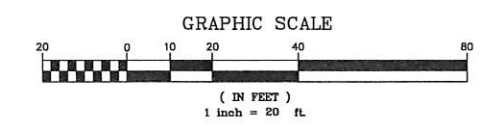
- DNFA 24 SEC. 4.1 THE UNDERGROUND FIRE SERVICE PLANS SHALL BE DRAWN TO SCALE AND SHALL INCLUDE ALL ESSENTIAL DETAILS, SUCH AS:
- A) SIZE AND LOCATION OF ALL WATER SUPPLIES.
 - B) SIZE AND LOCATION OF ALL PIPING, INDICATING, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND 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 EXPECT 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 6-1.1 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 TESTED HYDROSTATICALLY AT NOT LESS THAN 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 OSA. 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 OSA 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 SITEMARK 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
- 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
- CH — EXISTING OVERHEAD UTILITIES
- — — — — PAINT CURB RED (NO PARKING FIRE LANE)





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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

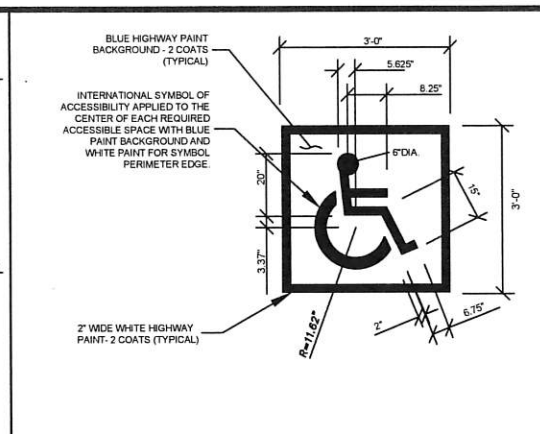
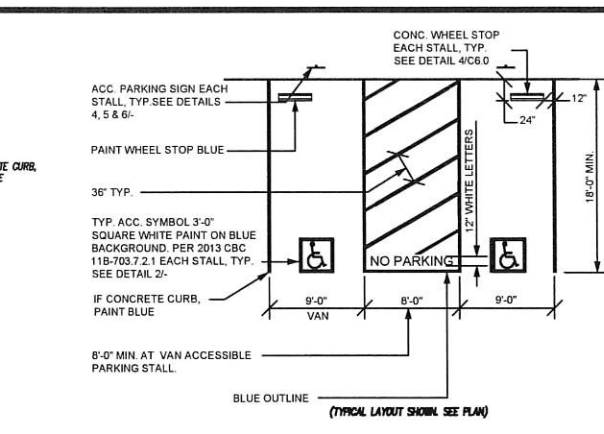
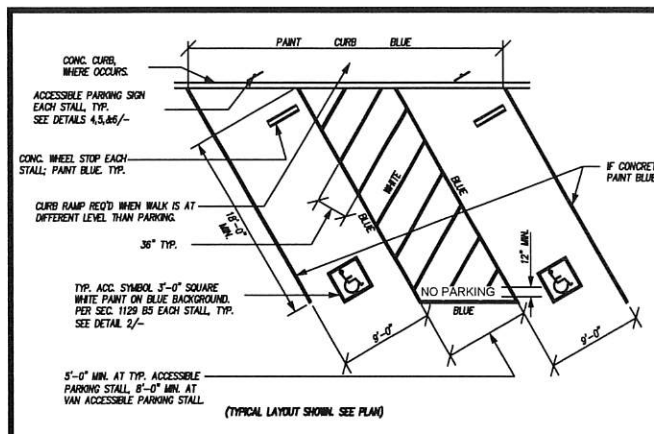
No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

SIGNAGE, STRIPING, AND DIMENSION PLAN

Regulatory Agency Approval Architect Seal

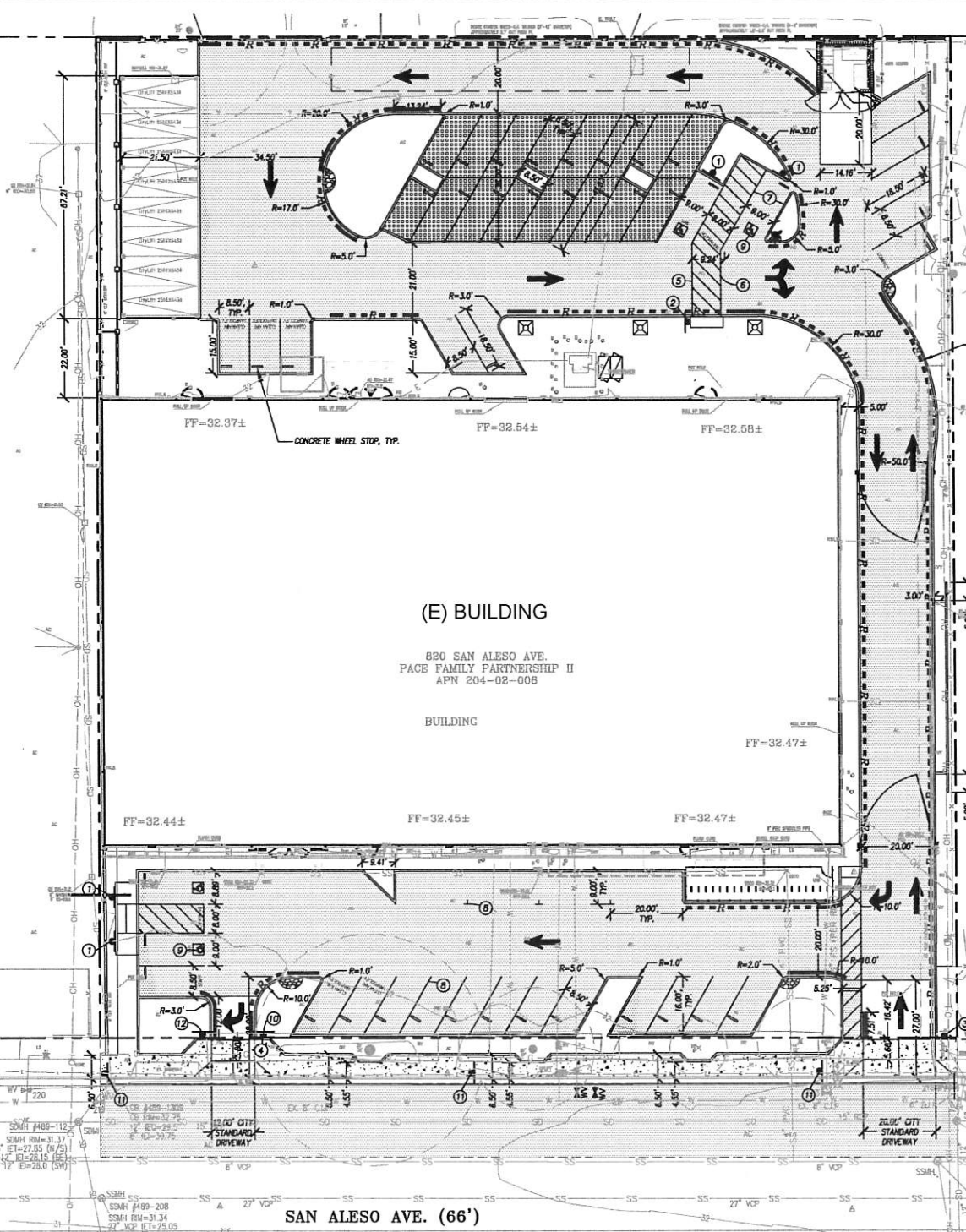
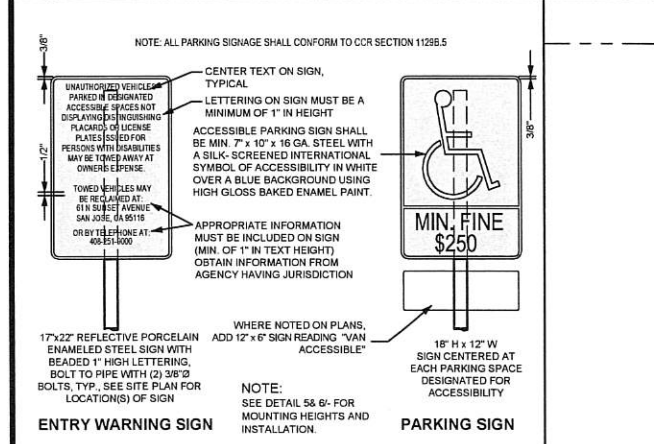
File Number	Drawing No.
Application Number	C5
Project No.	
Date	



1 ACCESSIBLE PARKING STALL DETAILS

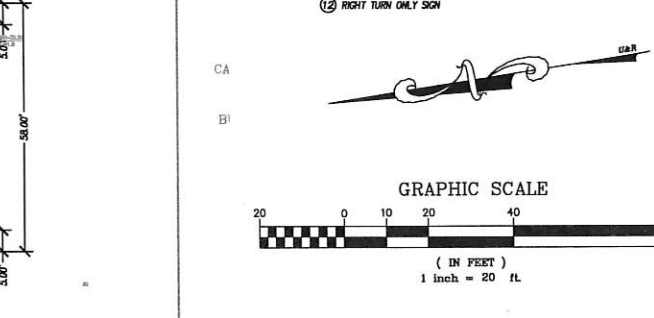
2 ACCESSIBILITY SYMBOL

3 TRUCATED DOMES

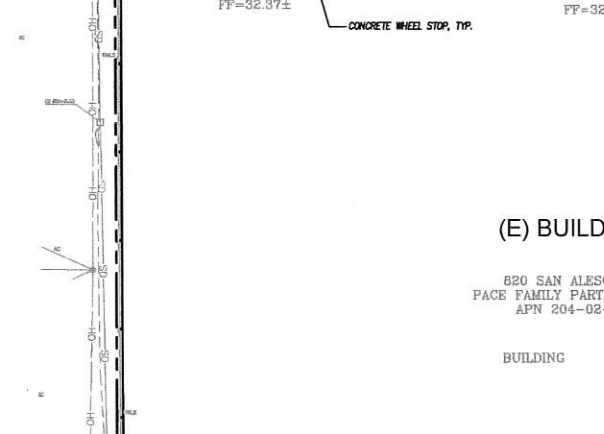
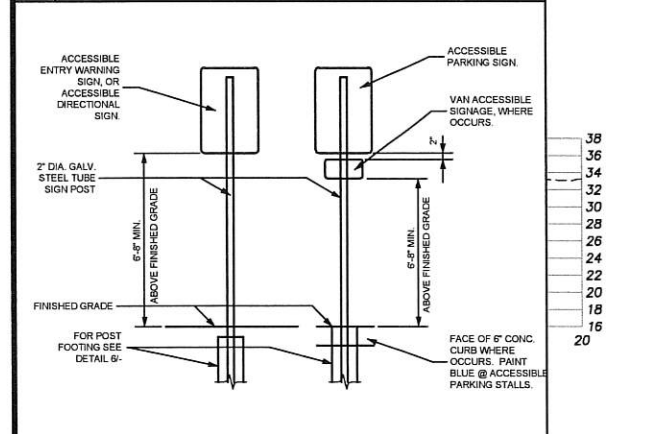


- GENERAL NOTES**
1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADE STAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS. THE CONTRACTOR SHALL VERIFY THE ACCURACY TO COMPLETE THE WORK THEREOF.
 2. ALL PAVEMENT STRIPING IS 4" WHITE PAINT UNLESS OTHERWISE NOTED.
 3. ALL STRIPING FOR FIRE AGENCY CONTROL TO COMPLY WITH NFPA 24.
- LEGEND**
- TYPE II SLURRY SEAL ON-SITE AND OFF-SITE
 - RED PAINTED CURB OR STRIPE (NO PARKING)
 - BLUE CURB (ACCESSIBILITY ZONE)
 - WHITE CURB (PASSENGER LOADING ZONE)

- KEY NOTES**
- 1 ACCESSIBLE PARKING SIGN.
 - 2 PASSENGER LOADING SIGN.
 - 3 ACCESSIBLE SITE ENTRANCE SIGN.
 - DO NOT ENTER SIGN PER M.U.T.C.D. CODE RS-1 FOR MOTR.
 - CROSSWALK: PAINT 12" WHITE STRIPING @ 3" O.C.; SEE PLAN.
 - PAINT 4" WHITE STRIPING @ 3" O.C.
 - PAINT 4" BLUE STRIPING @ 3" O.C.
 - PAINT 4" WHITE STRIPE
 - ACCESSIBILITY SYMBOL.
 - STOP SIGN.
 - NO STREET LOADING SIGN.
 - RIGHT TURN ONLY SIGN.

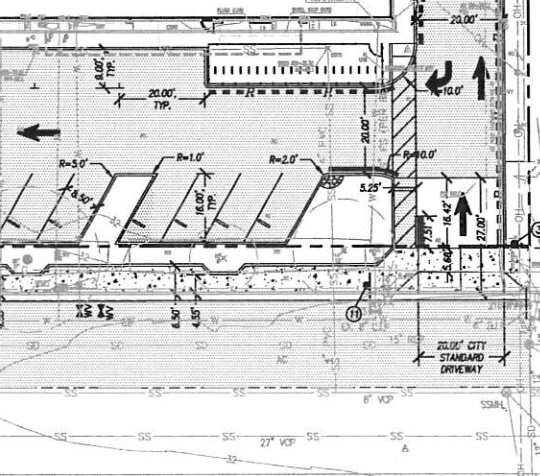
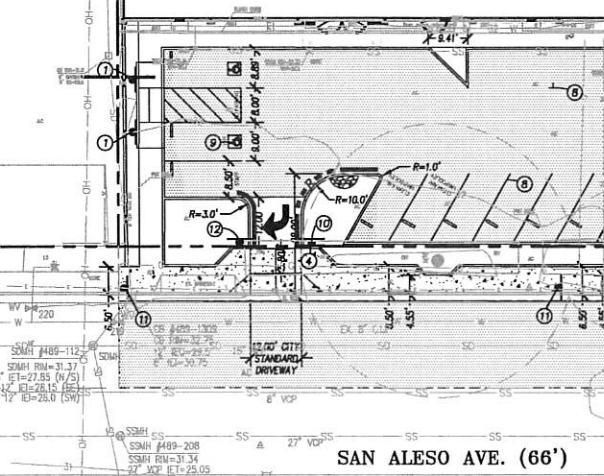
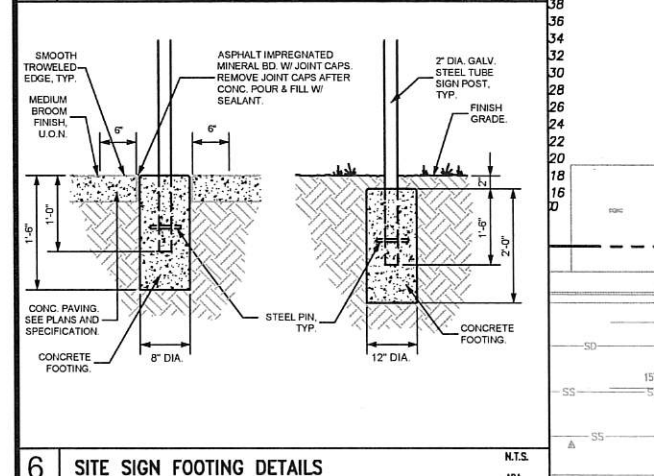


4 ACCESSIBILITY PARKING SIGNS



5 SITE SIGN MOUNTING DETAILS

6 SITE SIGN FOOTING DETAILS



7 SAN ALESO AVE. (66')

8 (E) BUILDING

9 SAN ALESO AVE. (66')



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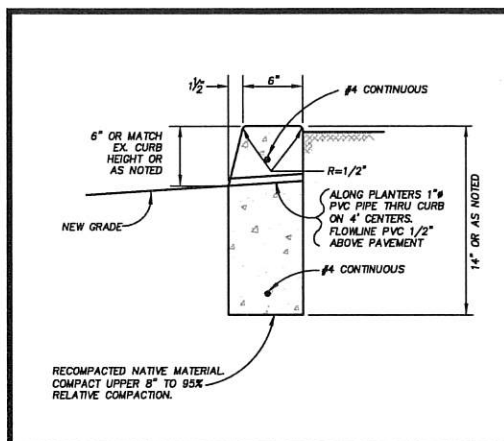
Drawing Title

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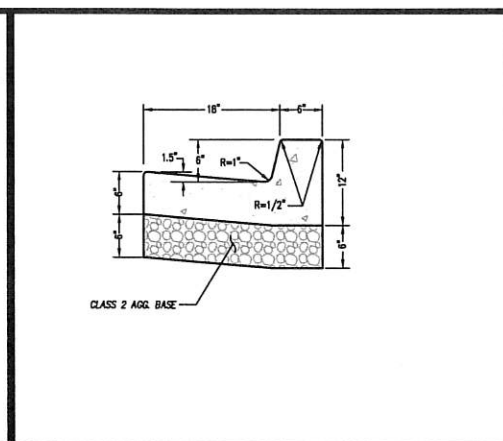
Regulatory Agency Approval Architect Seal

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

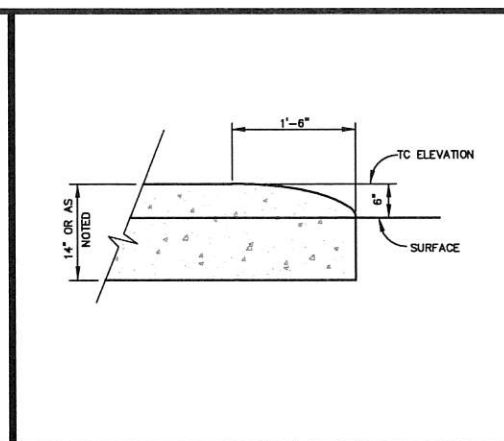
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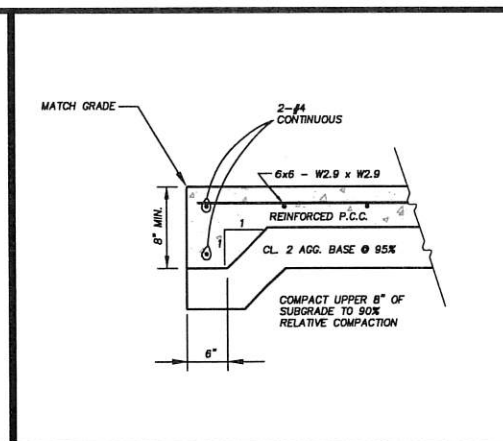
VERTICAL CURB DETAIL 1



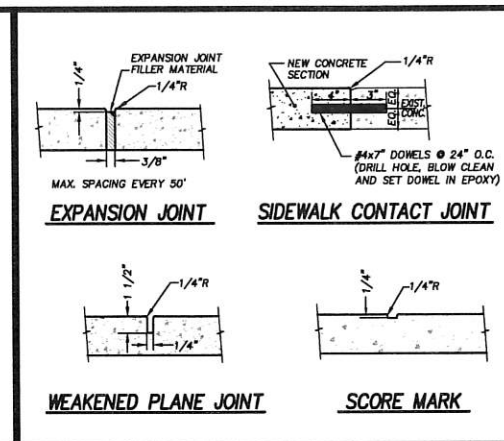
CURB & GUTTER DETAIL 2



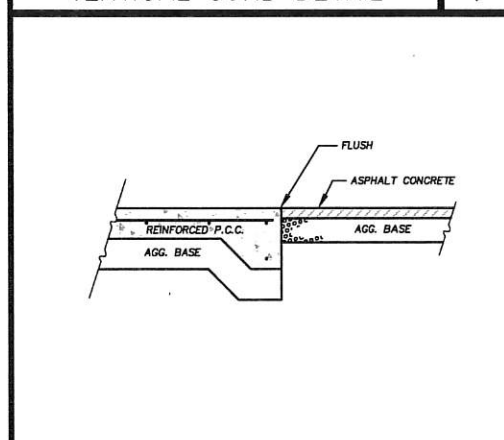
CURB TRANSITION DETAIL 3



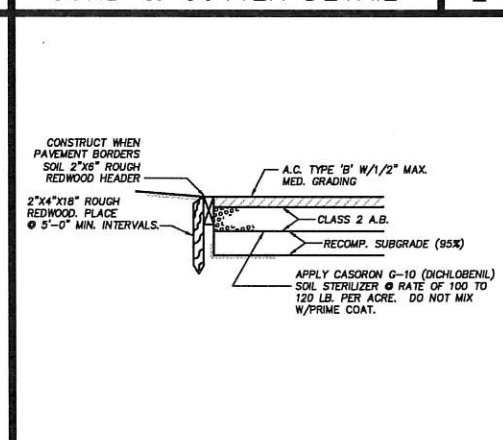
CONCRETE EDGE DETAIL 4



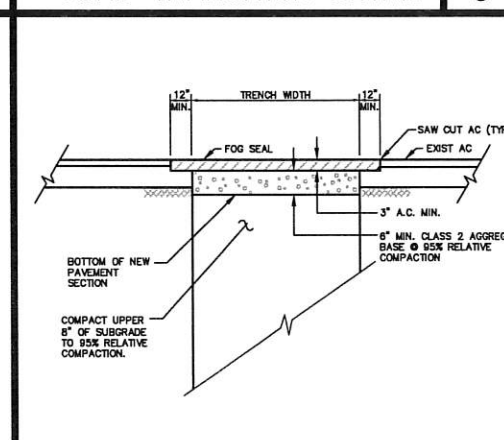
JOINTS DETAIL 5



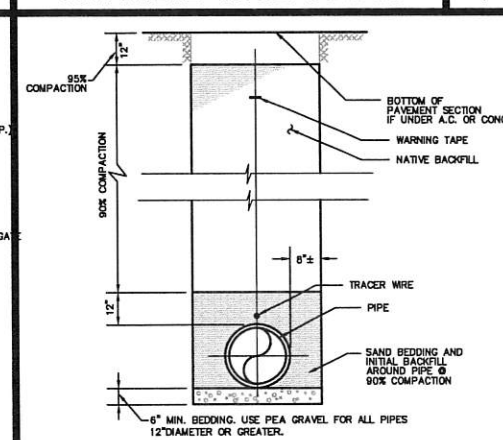
CONCRETE TO ASPHALT TRANSITION 6



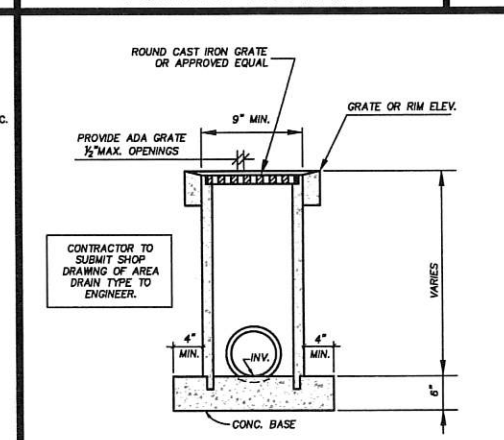
HEADERBOARD & AC PAVING 7



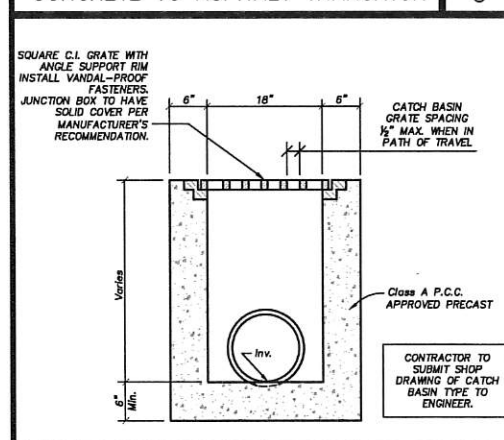
AC SURFACE TRENCH REPAIR 8



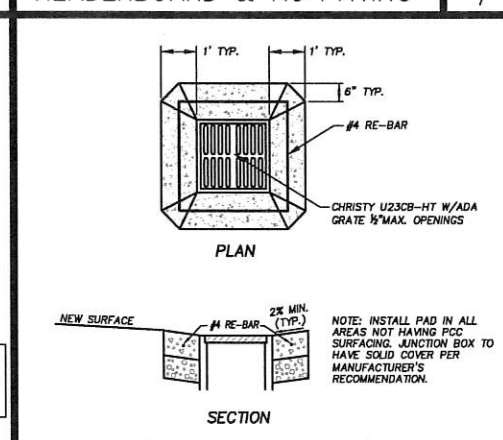
TRENCH BACKFILL DETAIL 9



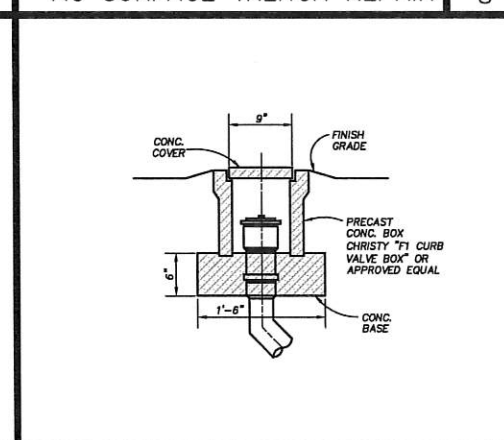
AREA DRAIN DETAIL 10



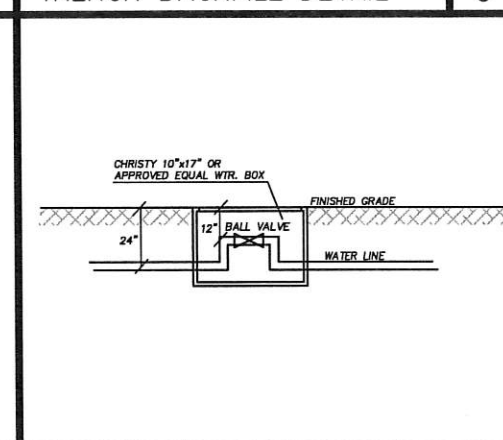
CATCH BASIN/JUNCTION BOX 11



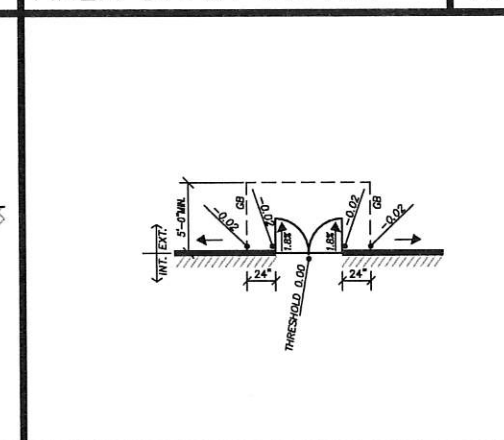
CATCH BASIN PAD DETAIL 12



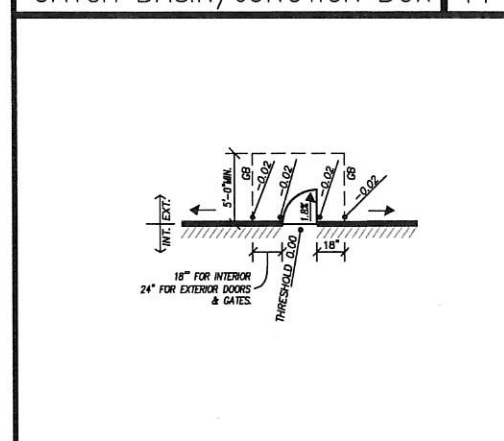
CLEANOUT DETAIL 13



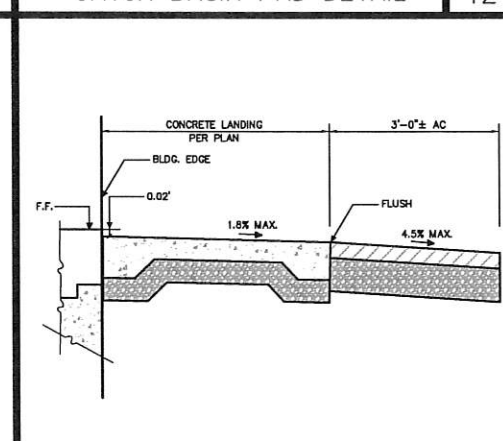
WATER VALVE BOX INSTALLATION 14



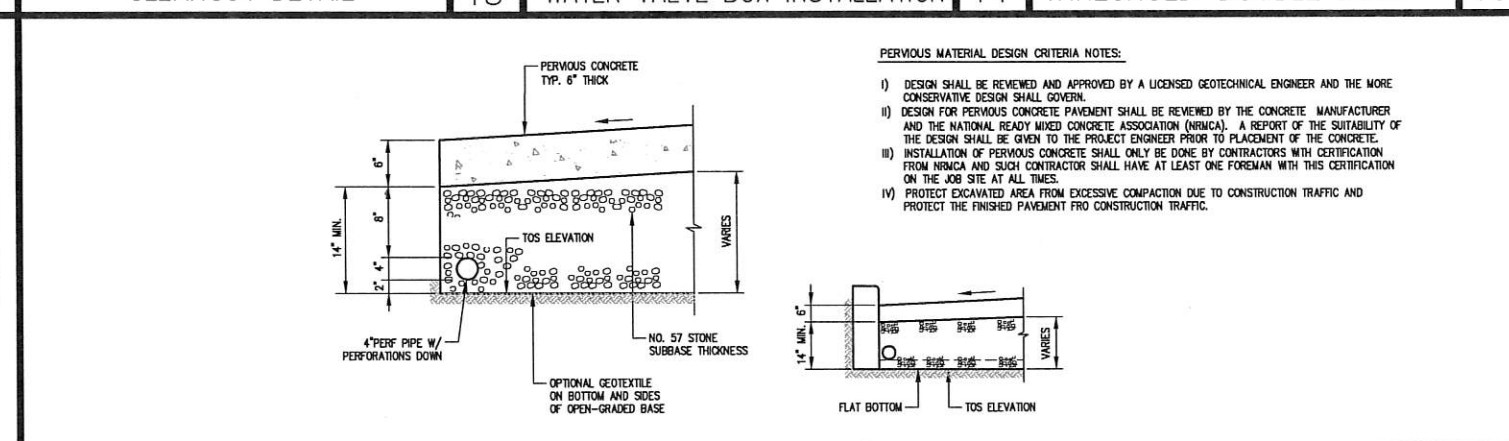
THRESHOLD-DOUBLE DOOR 15



THRESHOLD-SINGLE DOOR 16



DOORWAY LANDING DETAIL 17



PERVIOUS CONCRETE 18



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PROJECT: J17074 DATE PLOT: 01-18-2019



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Drawing Title

EROSION CONTROL PLAN

Regulatory Agency Approval Architect Seal

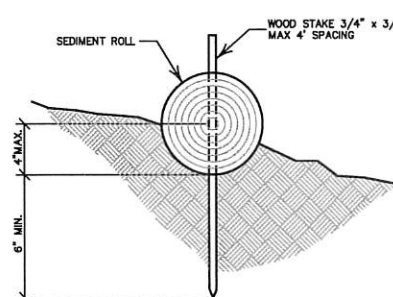
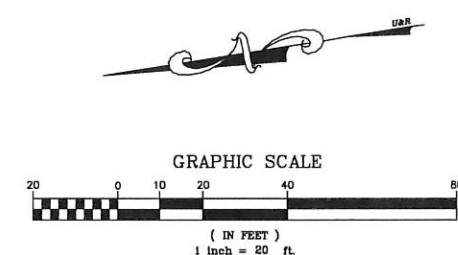
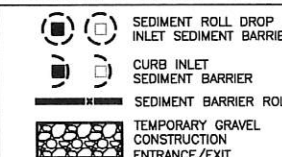
File Number	Drawing No
Application Number	
Project No.	
Date	

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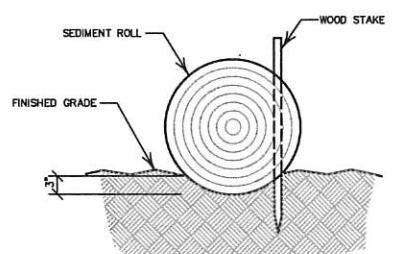
EROSION CONTROL NOTES

- 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

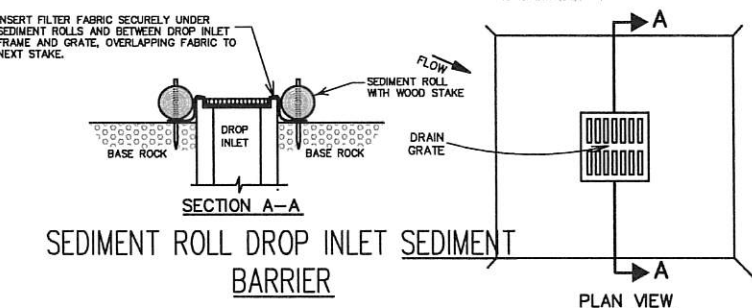
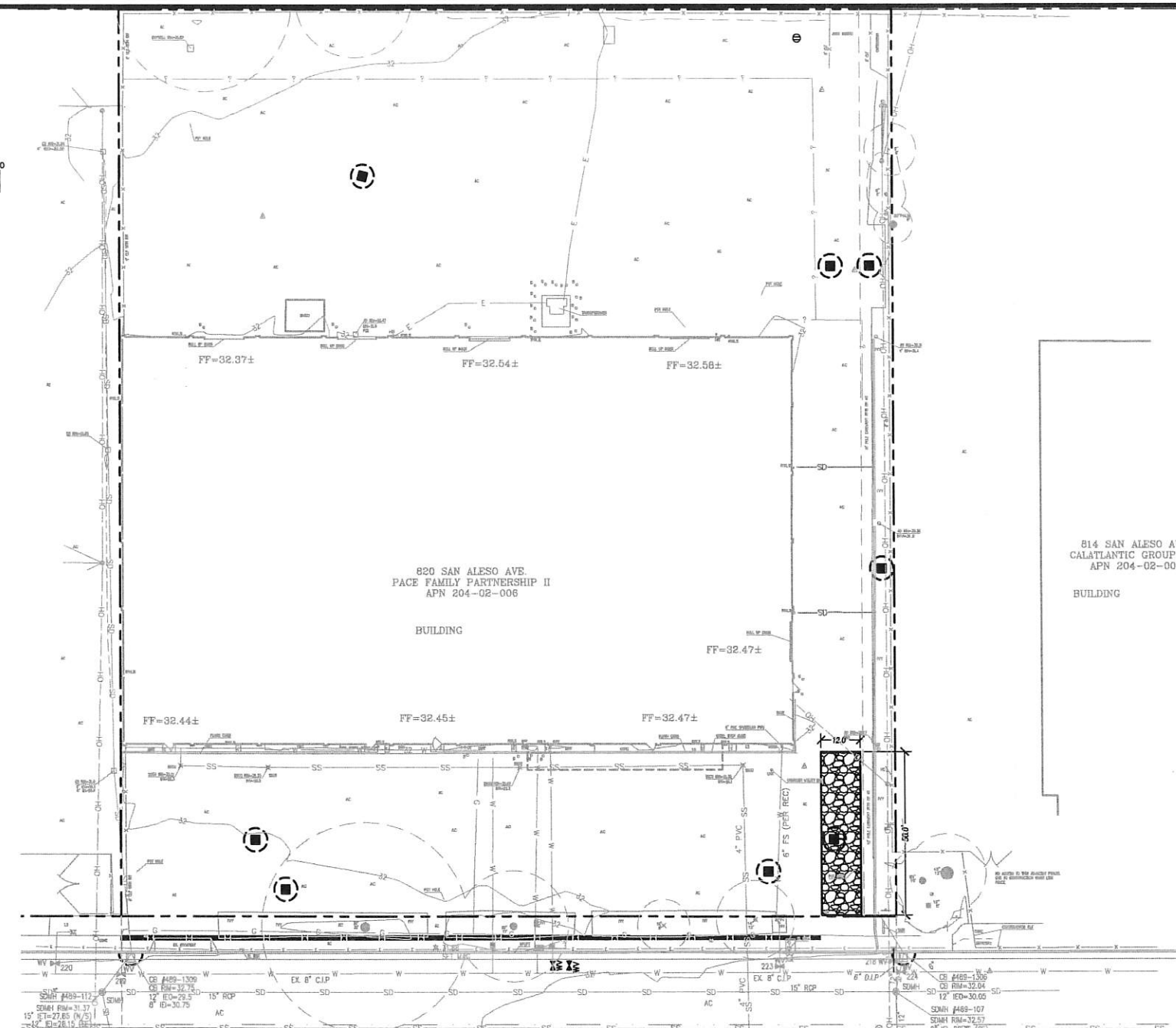


ENTRENCHMENT IN SLOPE AREA

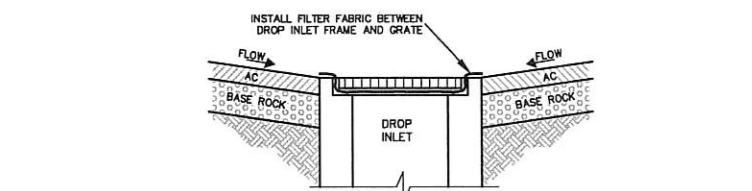


ENTRENCHMENT IN FLAT AREA

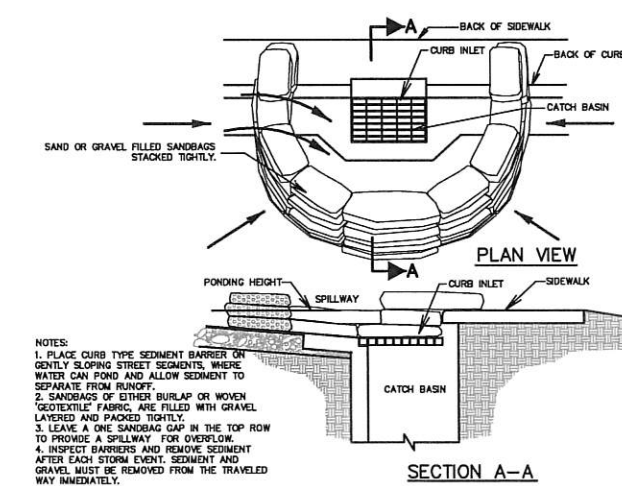
SEDIMENT ROLL DETAILS



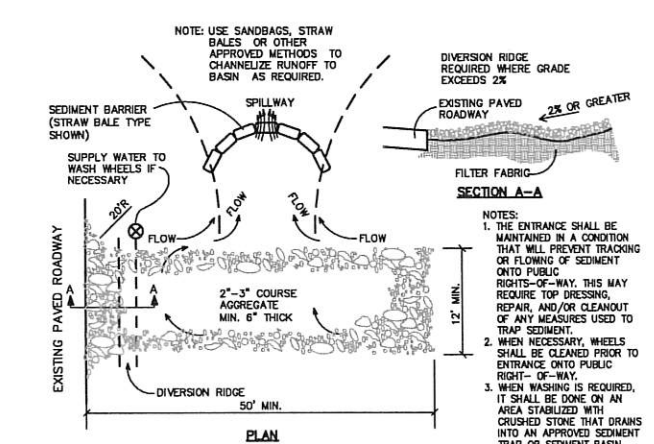
SECTION A-A
SEDIMENT ROLL DROP INLET SEDIMENT BARRIER



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



SECTION A-A
CURB INLET SEDIMENT BARRIER



TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

- NOTES:
- PLACE CURB TYPE SEDIMENT BARRIER ON GENTLY SLOPING STREET SEGMENTS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
 - SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL LAYERED AND PACKED TIGHTLY.
 - LEAVE A ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY FOR OVERFLOW.
 - INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT. SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

- NOTES:
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR, AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.



394-A Umbarger Rd
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Key Plan

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Drawing Title

IRRIGATION PLAN

Regulatory Agency Approval

File Number

Application Number

Project No.

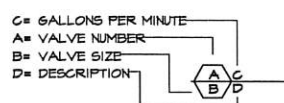
Date

128197
ANLA: 1744
12.01.17

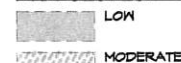
Drawing No
L1.1

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 WUGOLS 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.
- THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, APPENDIX 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 34, 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

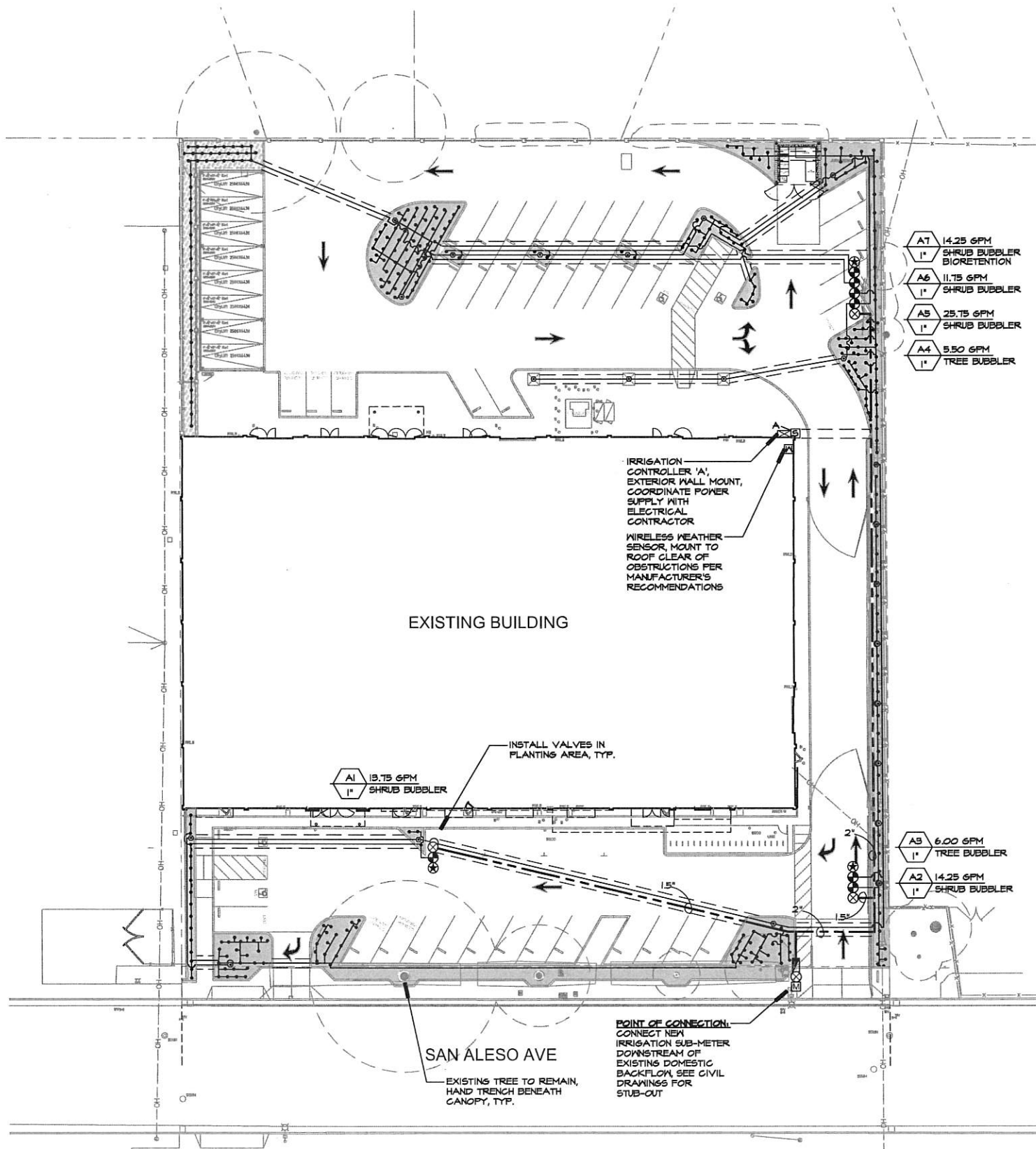
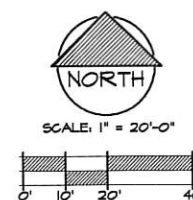
SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
BUBBLERS						
•	1401	RAINBIRD	SHRUB BUBBLER, INSTALL ONE PER SHRUB OR VINE	0.25	30	-
○	1401	RAINBIRD	TREE BUBBLER, INSTALL TWO IN DRAIN TUBE, PER DETAIL	0.25	30	-
VALVES						
■	825Y	FEBCO	2" BACKFLOW PREVENTER IN STRONG BOX SBBC SERIES ENCLOSURE			
□	LHM15SI-MEL-NO	NETAFIM	1.5" HYDROMETER WITH REED SWITCH, NORMALLY OPEN			
□	TPC-505-70	NIBCO	1PS 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			
⊗	TS-SL-VLC	TORO	QUICK COUPLING VALVE WITH RUBBER CAP, PROVIDE MATCHED QUICK COUPLING KEY AND HOSE SWIVEL (1 PER 5 VALVES) TO OWNER'S REPRESENTATIVE			
CONTROLLERS / SENSORS						
⊠	MC-12P	RRITROL	12 STATION CONTROLLER, MOUNT TO EXTERIOR OF EXISTING BUILDING, COORDINATE POWER SUPPLY WITH ELECTRICAL TRADE			
□	-	-	SPLICE BOX, CONCRETE IN PAVING, PLASTIC IN LANDSCAPE			
⊠	GL-100 WIRELESS	RRITROL	WIRELESS RAIN SENSOR, MOUNT TO EXISTING BUILDING			
PIPING						
---			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			

California Water Efficient Landscape Worksheet

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

ETAF Calculations

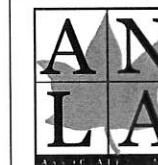
Regular Landscape Areas	Total ETAF x Area	4158
Total Area	10952	
Average ETAF	0.38	
All Landscape Areas	Total ETAF x Area	5066
Total Area	11860	
Average ETAF	0.43	



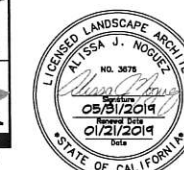


394-A Umbarger Rd
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Key Plan

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Drawing Title

IRRIGATION DETAILS

Regulatory Agency Approval

Architect Seal

File Number

Drawing No

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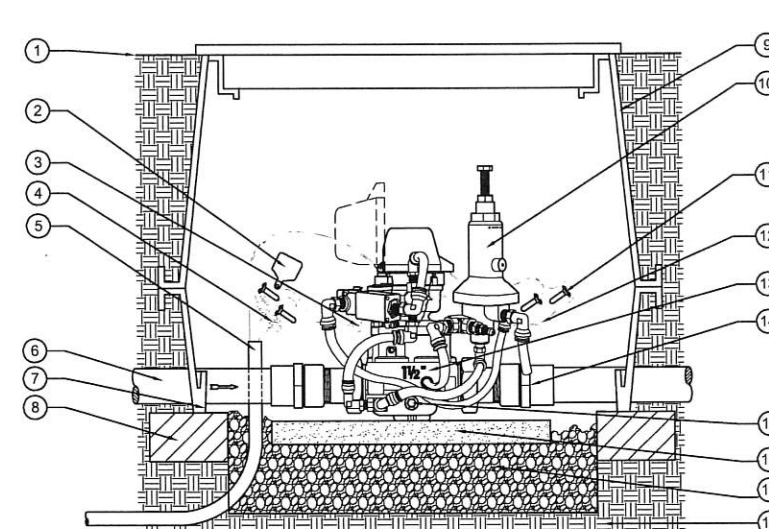
Project No.

128197
ANLA: 1744

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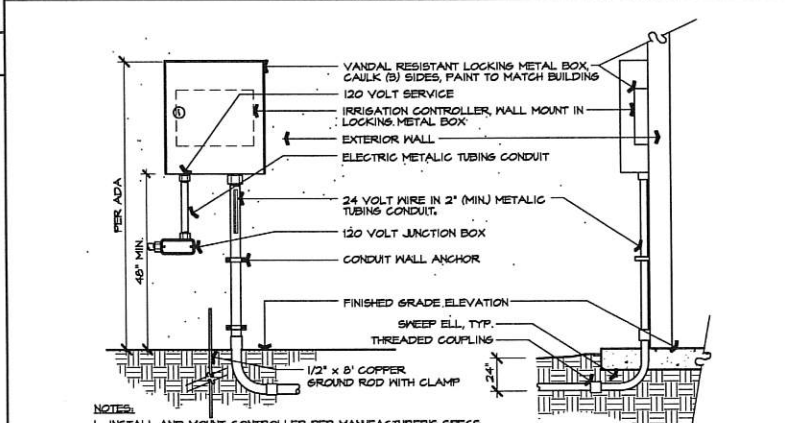
12.01.17

L1.2



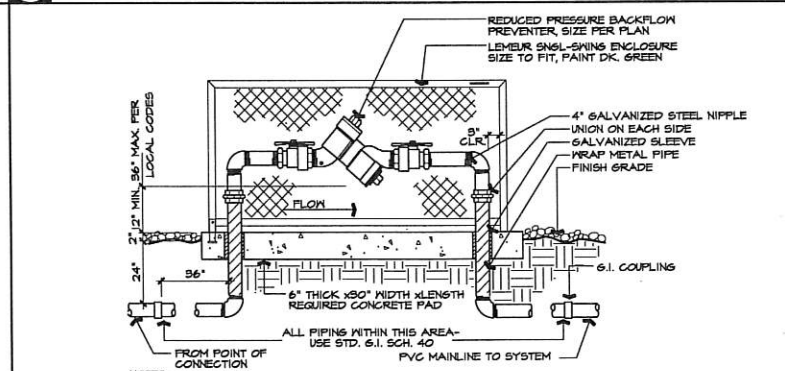
- LEGEND**
1. FINISH GRADE.
 2. VALVE LID, TAG WITH "MV" PRINTED ON IT.
 3. MASTER VALVE WIRES FROM SOLENOID (INCLUDED).
 4. PAIR OF WIRES, COLOR CODED DIFFERENT THAN OTHER VALVES. REFER TO CONTROLLER SPECS.
 5. 1 1/2" SCH 40 CONDUIT FROM CONTROLLER PER SPECS. PULL BOXES EVERY 20' AND ON EACH SIDE OF HARDSCAPE 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 PAVEMENT SUPPORT BLOCK.
 17. COMPACTED 3/4" WASHED GRAVEL, 12" THICK MIN.
 18. COMPACTED NATIVE SOIL.

C HYDROMETER



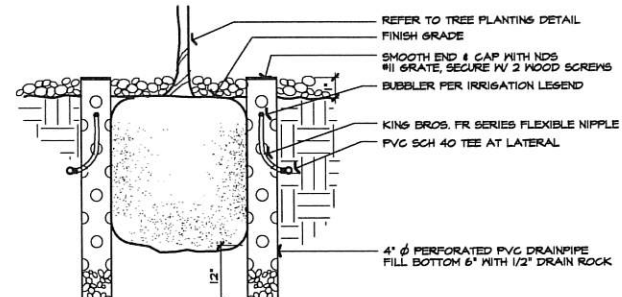
- NOTES:**
1. INSTALL AND MOUNT CONTROLLER PER MANUFACTURER'S SPECS.
 2. LOCATE NEAR PHONE CONNECTION AND OUTLET, WHENEVER POSSIBLE.
 3. COORDINATE WITH MECHANICAL AND ELECTRICAL TRADES.
 4. PAINT ALL ABOVE GROUND CONDUITS AND BOX TO MATCH BUILDING.
 5. SIZE CONTROL WIRE CONDUIT AS REQUIRED TO ACCOMMODATE 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



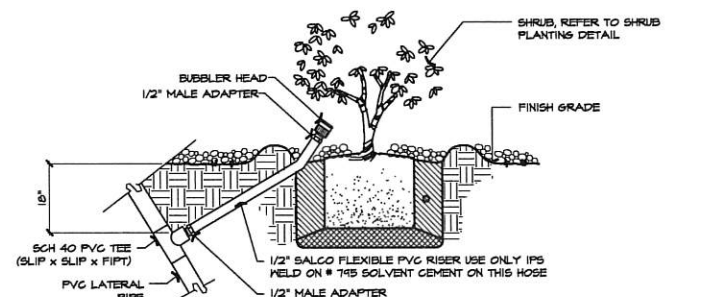
- NOTES:**
1. INSTALLATION SHALL COMPLY WITH ALL STATE AND LOCAL CODES.
 2. INSTALL WITH 18" CLEAR TO WALL, EDGE, ETC.
 3. PAINT ALL ABOVE GRADE MATERIALS WITH 2 COATS RUSTOLEUM PAINT, COLOR TO BE SELECTED BY OWNER'S REPRESENTATIVE.
 4. WRAP ALL BELOW GRADE METAL PIPE WITH .010" x 2" P.E. TAPE, USE HALF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

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



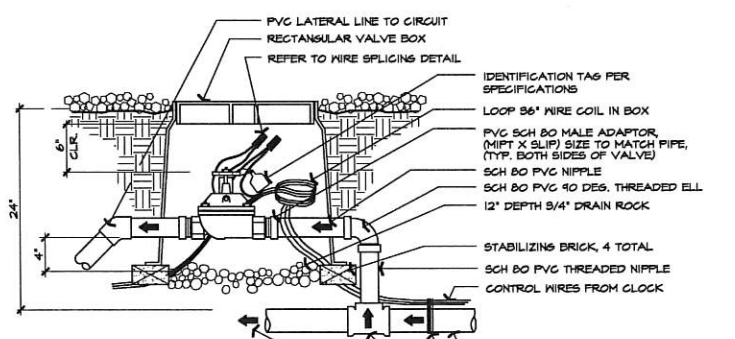
G TREE BUBBLER

SCALE: N.T.S.



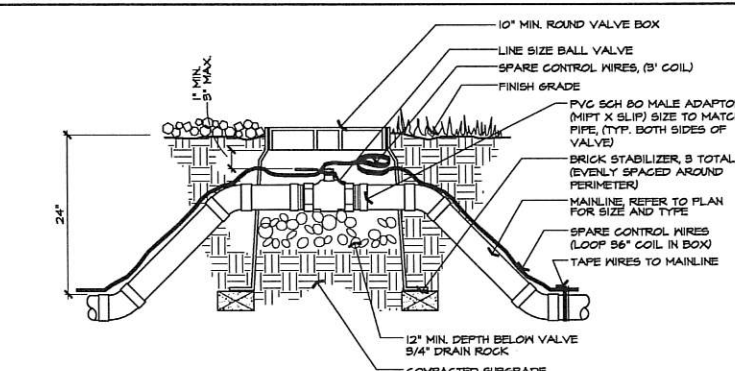
F SHRUB BUBBLER

SCALE: N.T.S.



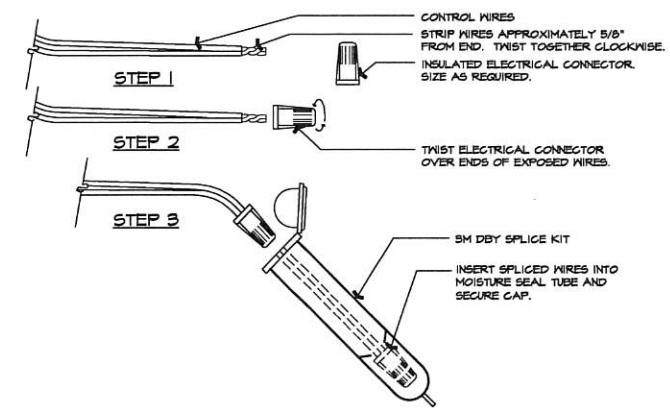
E REMOTE CONTROL VALVE

SCALE: N.T.S.



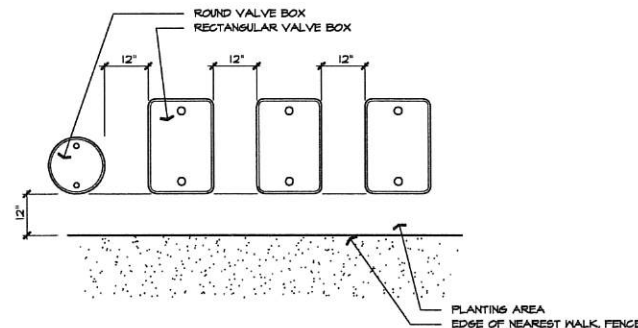
D BALL VALVE

SCALE: N.T.S.



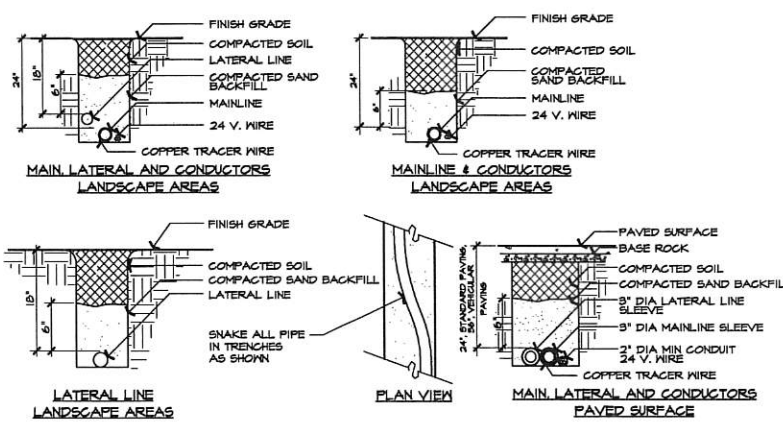
J WIRE SPLICING

SCALE: N.T.S.



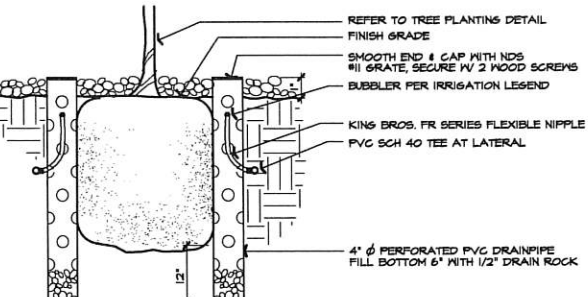
I VALVE BOX ALIGNMENT

SCALE: N.T.S.



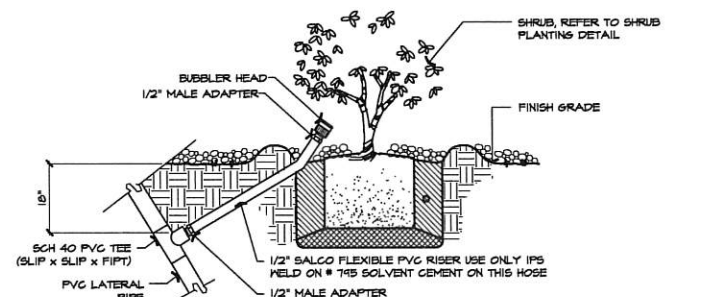
H TRENCHING

SCALE: N.T.S.



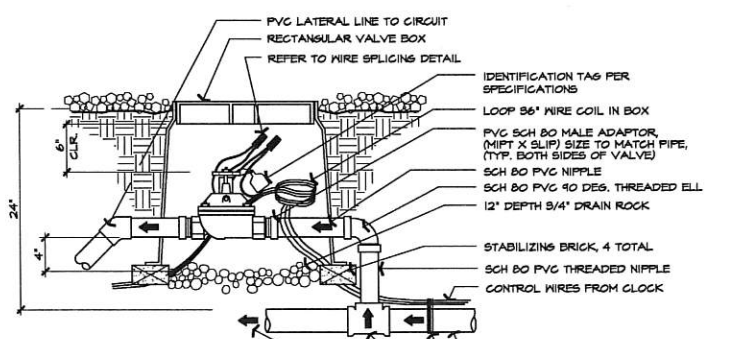
G TREE BUBBLER

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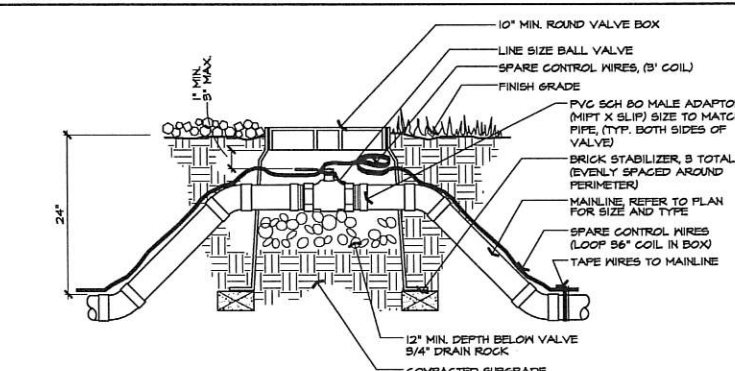
F SHRUB BUBBLER

SCALE: N.T.S.



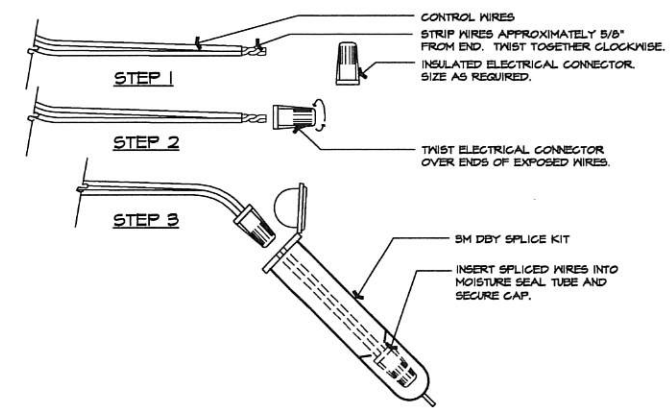
E REMOTE CONTROL VALVE

SCALE: N.T.S.



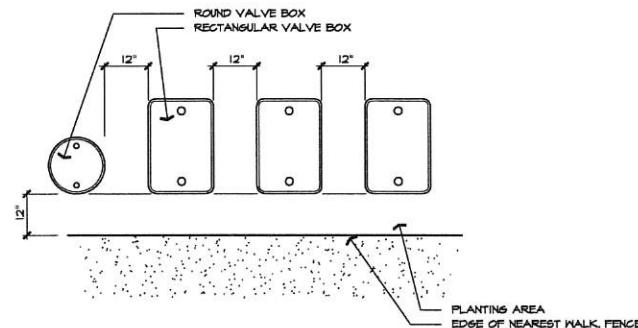
D BALL VALVE

SCALE: N.T.S.



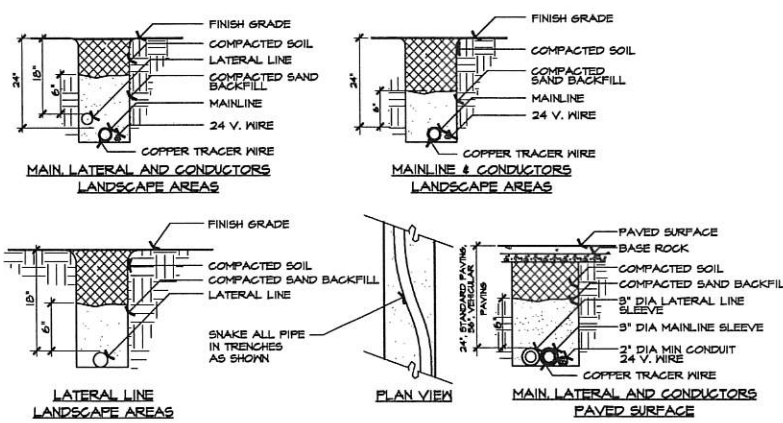
J WIRE SPLICING

SCALE: N.T.S.



I VALVE BOX ALIGNMENT

SCALE: N.T.S.



H TRENCHING

SCALE: N.T.S.



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PLANTING PLAN

Regulatory Agency Approval Architect Seal

File Number - Drawing No -

Application Number -

Project No. 128197
ANLA: 1744

Date 12.01.17

L2.1

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- 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 GRADINGS, 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 34 TEMPORARY TREE AND PLANT PROTECTION
52 46 00 PLANTING

PLANT LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	MUCOLS WATER NEEDS
TREES:				
LAS IND	24" BOX	LASERSTROEMIA INDICA 'TONTU', STANDARD	GRAPE MYRTLE	LOW
PIS CHI	24" BOX	PISTACIA CHINENSIS, STANDARD	CHINESE PISTACHE	LOW
ULM FAR	24" BOX	ULMUS PARVIFOLIA 'DRAKE', STANDARD	CHINESE ELM	LOW
SHRUBS:				
ARC DEN	5 GAL	ARCOSTAPHYLOS DENSIFLORA 'HOWARD MCMINI'	VINE HILL MANZANITA	LOW
BAC PIL	5 GAL	BACCHARIS FILULARIS 'TWIN PEAKS II'	COYOTE BRUSH	LOW
DIE VE	5 GAL	DIETES VEGETA	FORTNIGHT LILY	LOW
CEA THR	5 GAL	CEANOTHUS THYRSIFLORUS 'SKYLARK'	MILD LILAC	LOW
JUN PAT	1 GAL	JUNCUS PATENS	COMMON RUSH	LOW
LEY CON	1 GAL	LEYMUS CONDENSATUS 'CANYON PRINCE'	WILD RYE	LOW
MUH RIS	5 GAL	MUHLENBERGIA RIGENS	DEER GRASS	LOW
POD MA	15 GAL	PODOCARPUS MACROPHYLLUS 'MAKI'	SHRUBBY YEM 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:

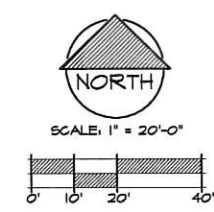
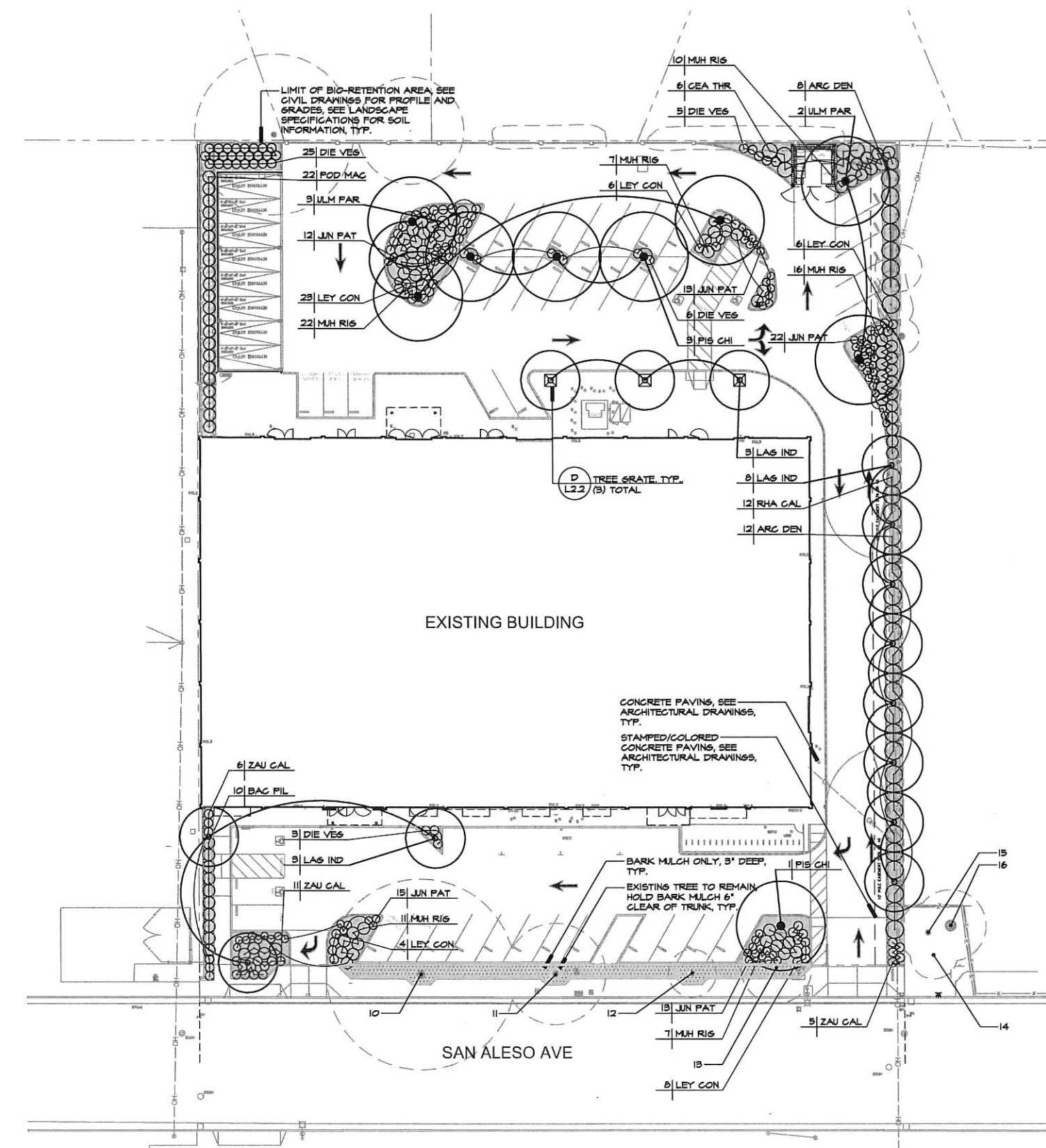
PARKING LOT AREA:	26,909 SF, 100%
SHADED PARKING LOT AREA REQUIRED IN 15 YEARS:	13,455 SF, 50%
SHADED PARKING LOT AREA PROVIDED IN 15 YEARS:	7,663 SF, 29%

HYDROZONES:

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

EXISTING SITE TREES

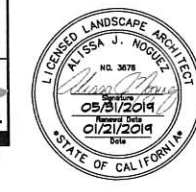
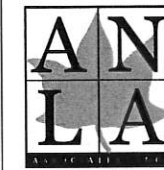
TREE	BOTANICAL NAME	COMMON NAME	TRUNK DIAMETER	HEIGHT/SPREAD	DISPOSITION
10	CELTIS SP.	HACKBERRY SPECIES	30.0	40/50	TO REMAIN
11	CELTIS SP.	HACKBERRY SPECIES	30.7	40/45	TO REMAIN
12	CELTIS SP.	HACKBERRY SPECIES	4.5	16/15	TO REMAIN
13	CELTIS SP.	HACKBERRY SPECIES	13.0	30/30	TO REMAIN
14	SEQUOIA SEMPERVIRENS	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



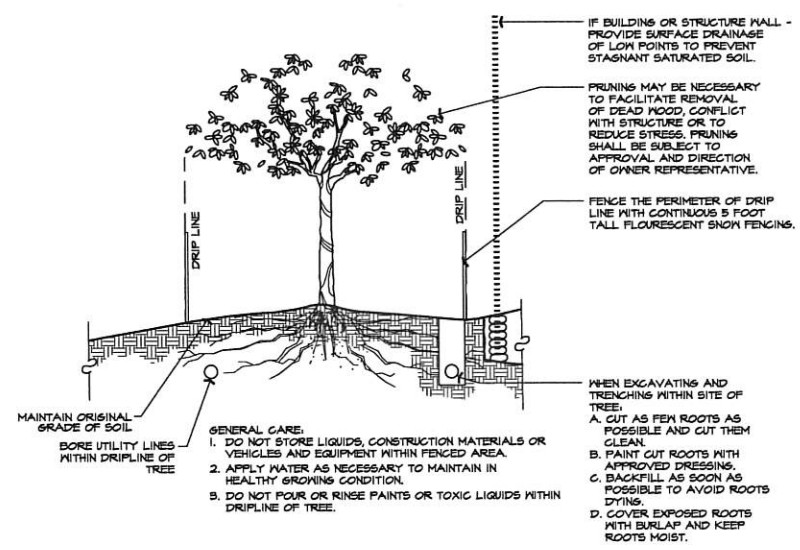


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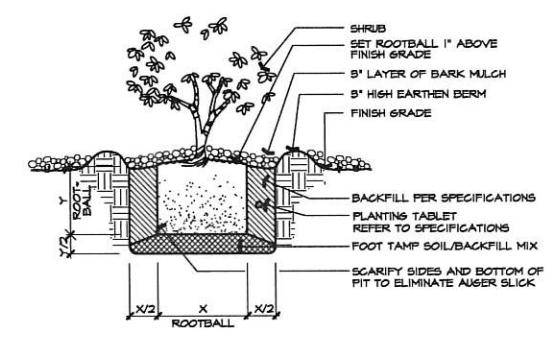
Consultant



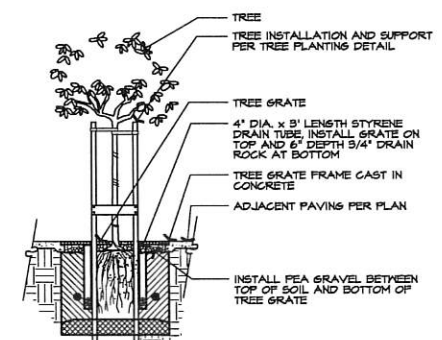
1213 Lincoln Ave, Suite 211
San Jose, CA 95125
T. 408.292.2196
www.anla-associates.com



C TREE PROTECTION SCALE: N.T.S.

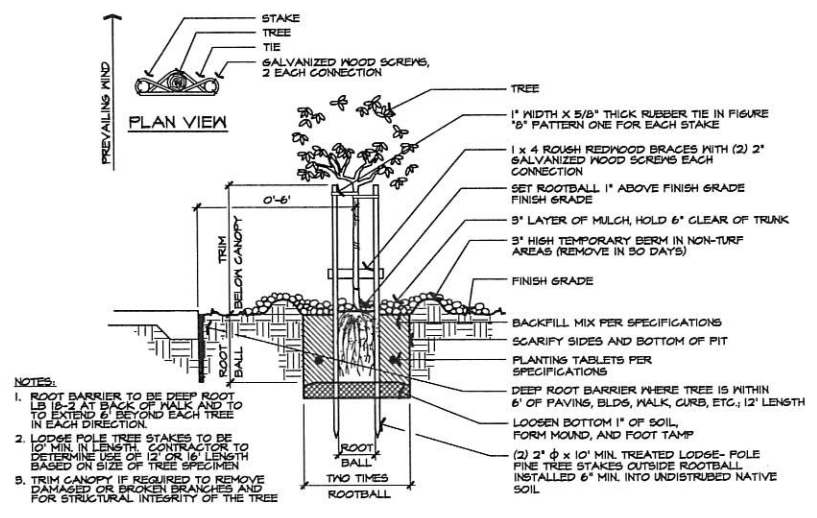


B SHRUB PLANTING SCALE: N.T.S.



NOTES:
1. TREE GRATE TO BE NEEVAH FOUNDRY, MODEL R-8106-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.
2. GRATE OPENINGS SHALL NOT EXCEED 1/4" IN THE DIRECTION OF PATH OF TRAVEL OR BOTH DIRECTIONS IF PATH OF TRAVEL IS MULTI-DIRECTIONAL.
3. SUBMIT SHOP DRAWINGS TO ARCHITECT FOR METHOD TO SECURE TREE GRATE TO FRAME.

D TREE GRATE SCALE: N.T.S.



NOTES:
1. ROOT BARRIER TO BE DEEP ROOT LB 18-2 AT BACK OF WALK AND TO TO EXTEND 6" BEYOND EACH TREE IN EACH DIRECTION.
2. LODGE POLE TREE STAKES TO BE 12" MIN. IN LENGTH. CONTRACTOR TO DETERMINE USE OF 12" OR 16" LENGTH BASED ON SIZE OF TREE SPECIMEN.
3. 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

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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

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

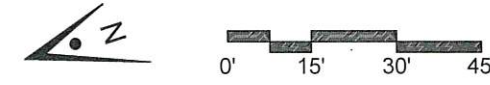
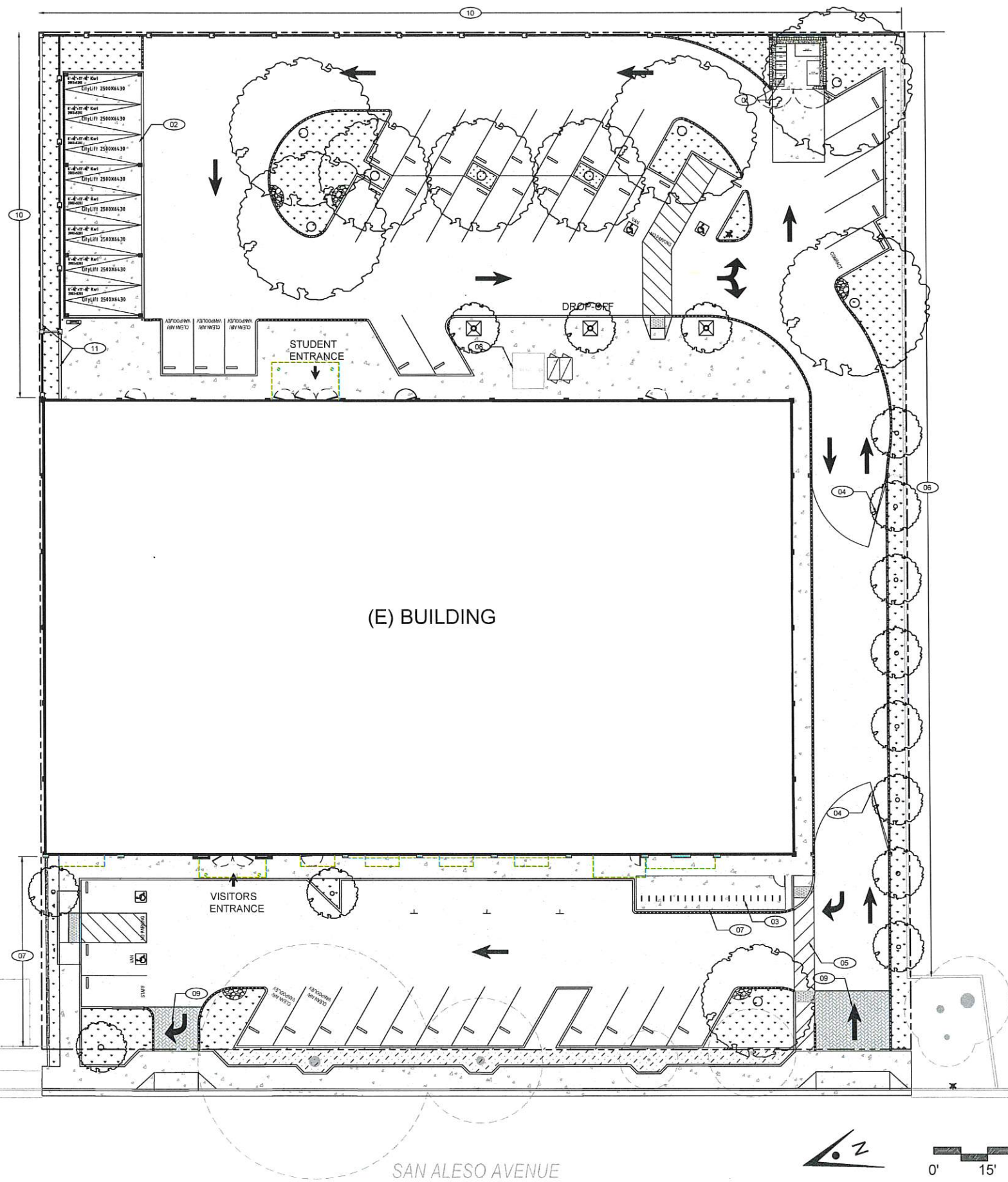
File Number Drawing No

Application Number

Project No.
128197

Date
12.01.17

A1.11





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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 2I- AND 3I-.
- 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

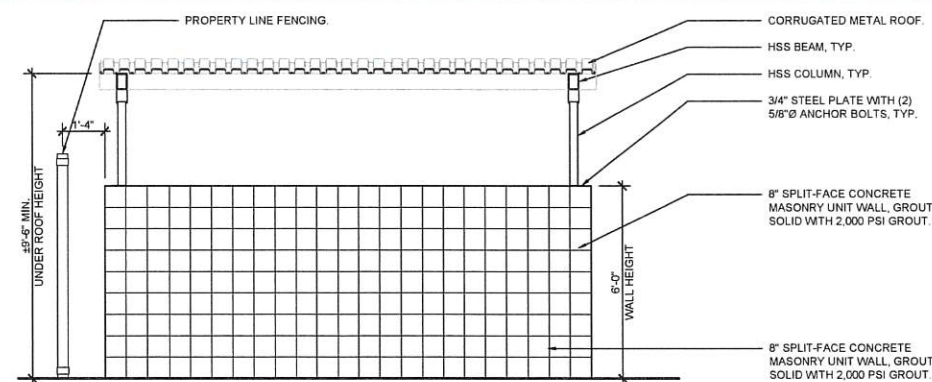
No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title

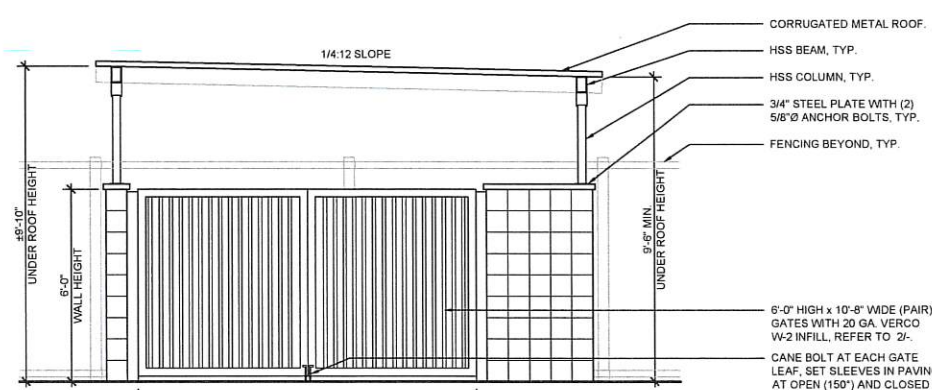
SOLID WASTE AND RECYCLING MANAGEMENT PLAN

Regulatory Agency Approval Architect Seal

File Number	Drawing No
Application Number	A1.12
Project No	
Date	
128197	12.01.17



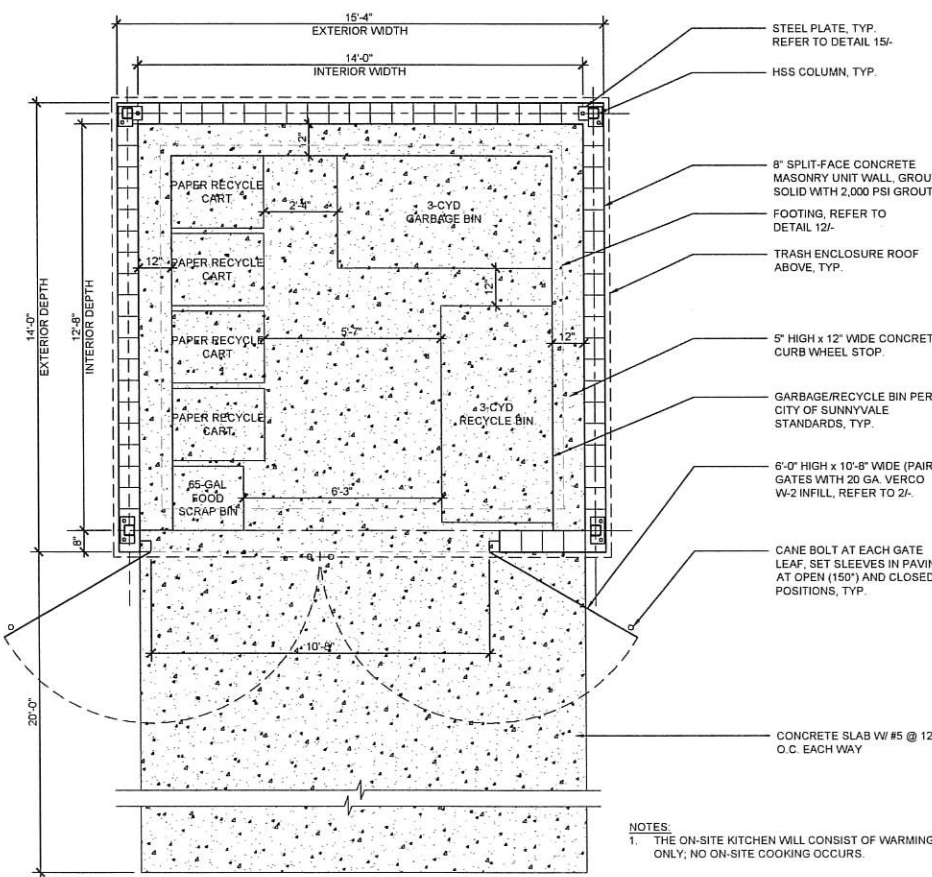
SIDE ELEVATION



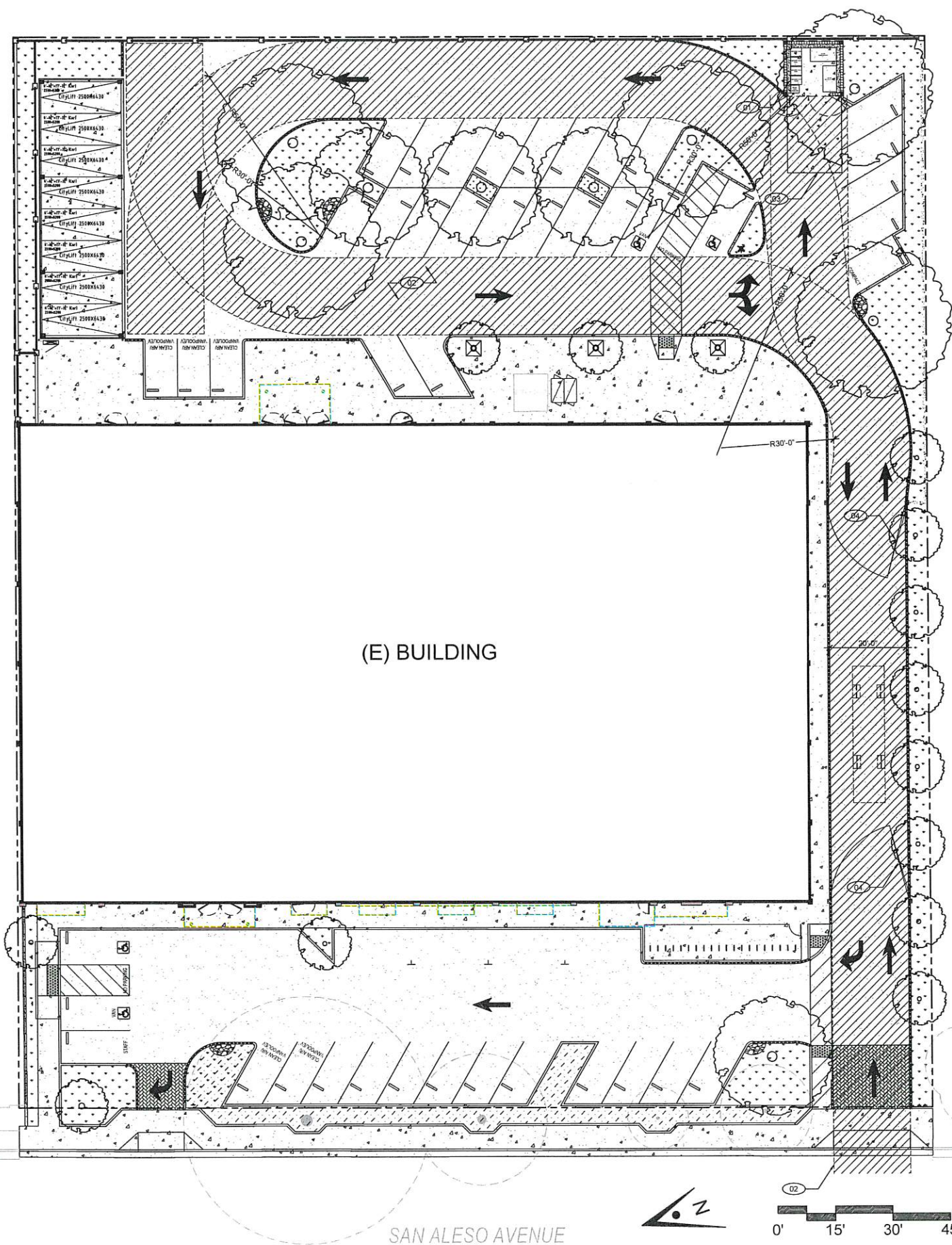
FRONT ELEVATION

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

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



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



1 SITE PLAN 1"=15'-0"



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Legend

Key Plan

GENERAL NOTES

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

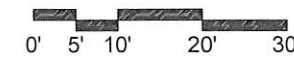
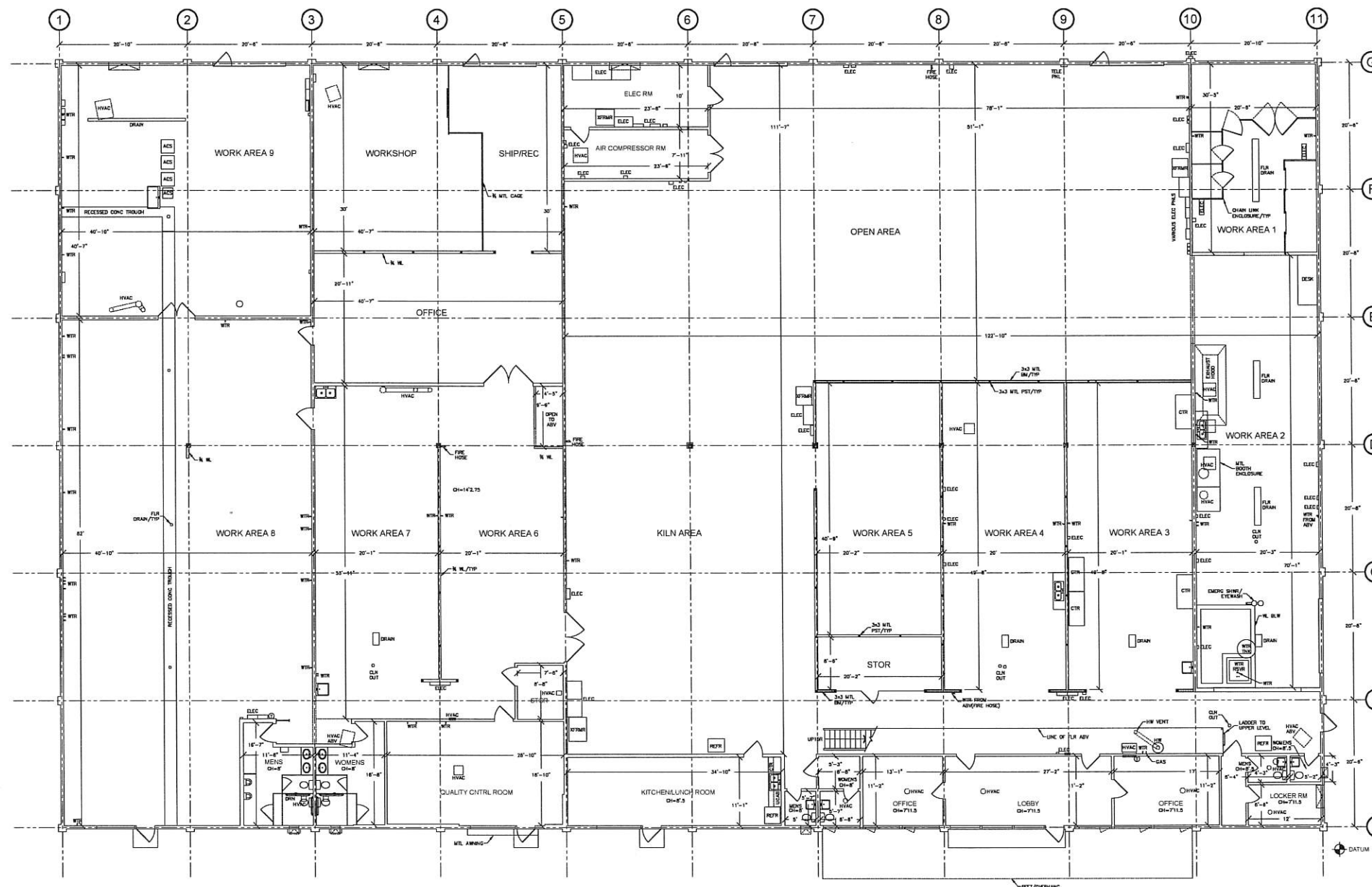
Application Number

Project No.
128197

Date
12.01.17

Drawing No

A3.01



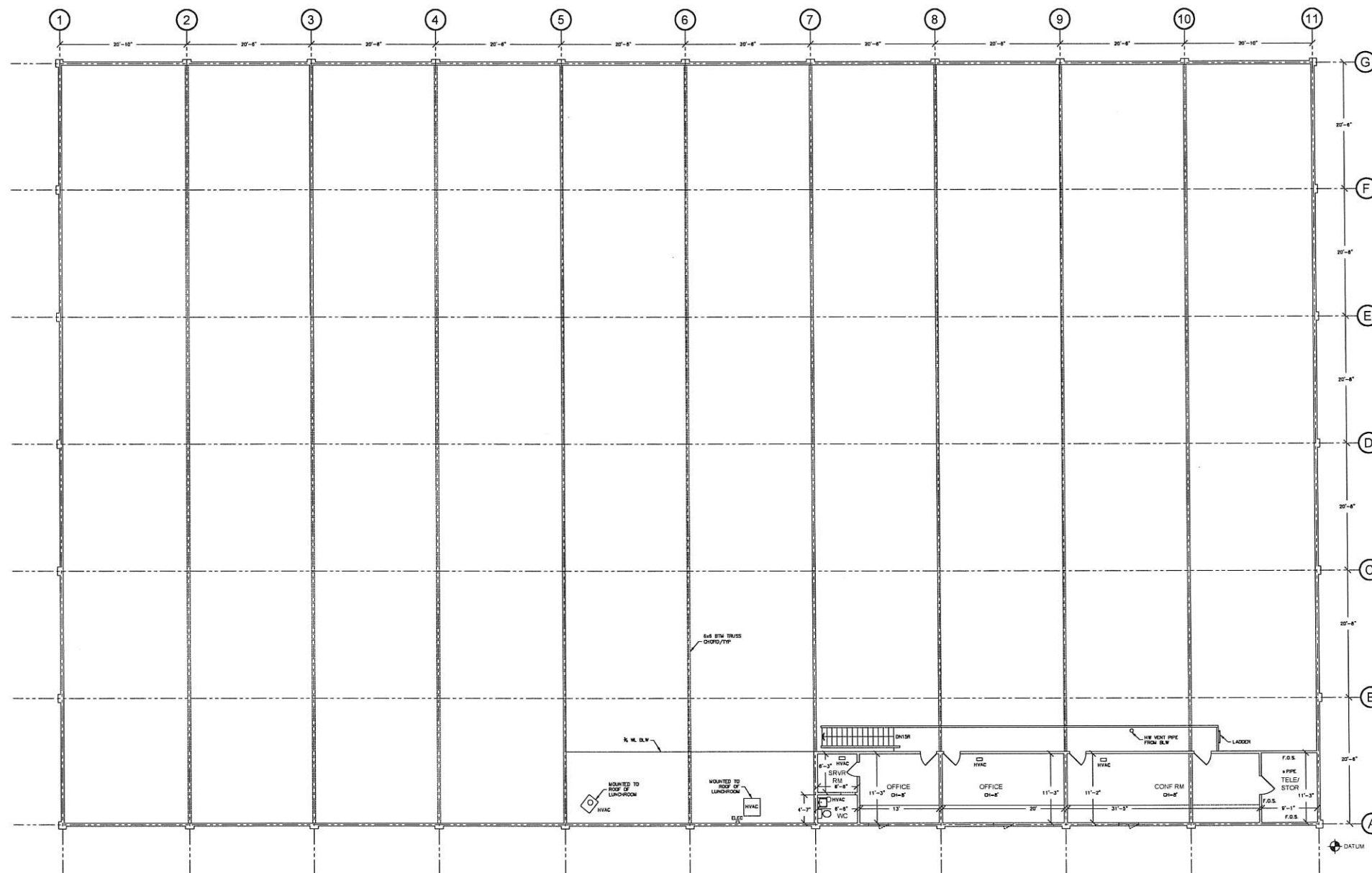
1 EXISTING FIRST FLOOR PLAN

1"=10'-0"

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GENERAL NOTES

KEYNOTES



Legend

Key Plan

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

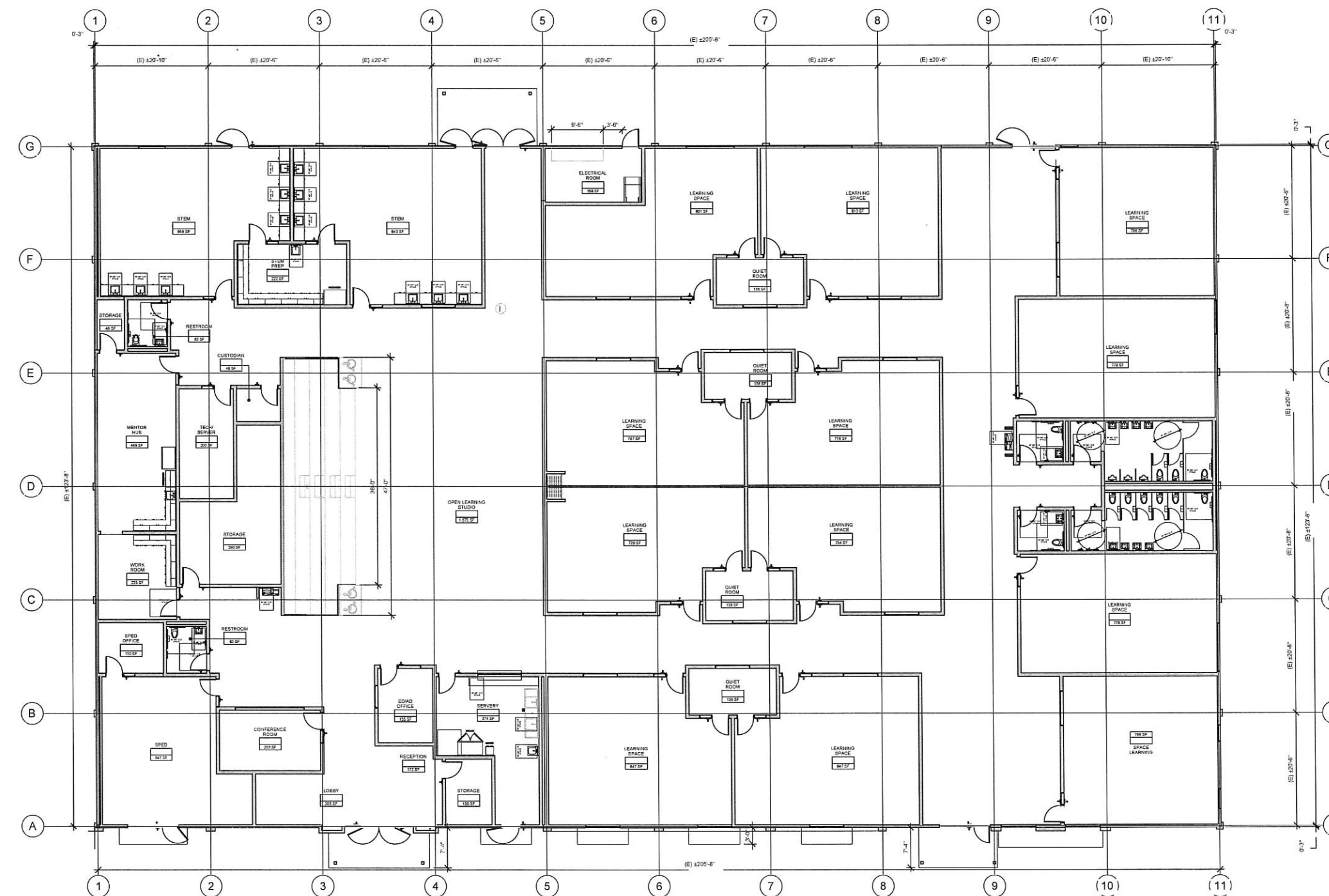
Date 12.01.17

Drawing No

A3.02



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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

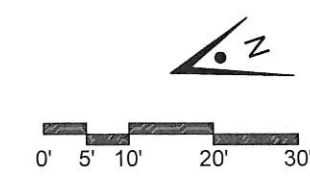
No	Revisions/Submissions	Date
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18
6	Planning Commission Hearing	12.10.18
7	City Council Hearing	01.22.19

Drawing Title
**PROPOSED
FIRST FLOOR
PLAN**

Regulatory Agency Approval

Architect Seal

File Number	-	Drawing No	A3.11
Application Number	-	Project No.	
Project No.	128197	Date	
Date	12.01.17		



1 FIRST FLOOR PLAN

1"=10'-0"

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Legend

Key Plan

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	05.05.18

Drawing Title

**EXISTING
ROOF
PLAN**

Regulatory Agency Approval

Architect Seal

File Number

Application Number

Project No.
128197

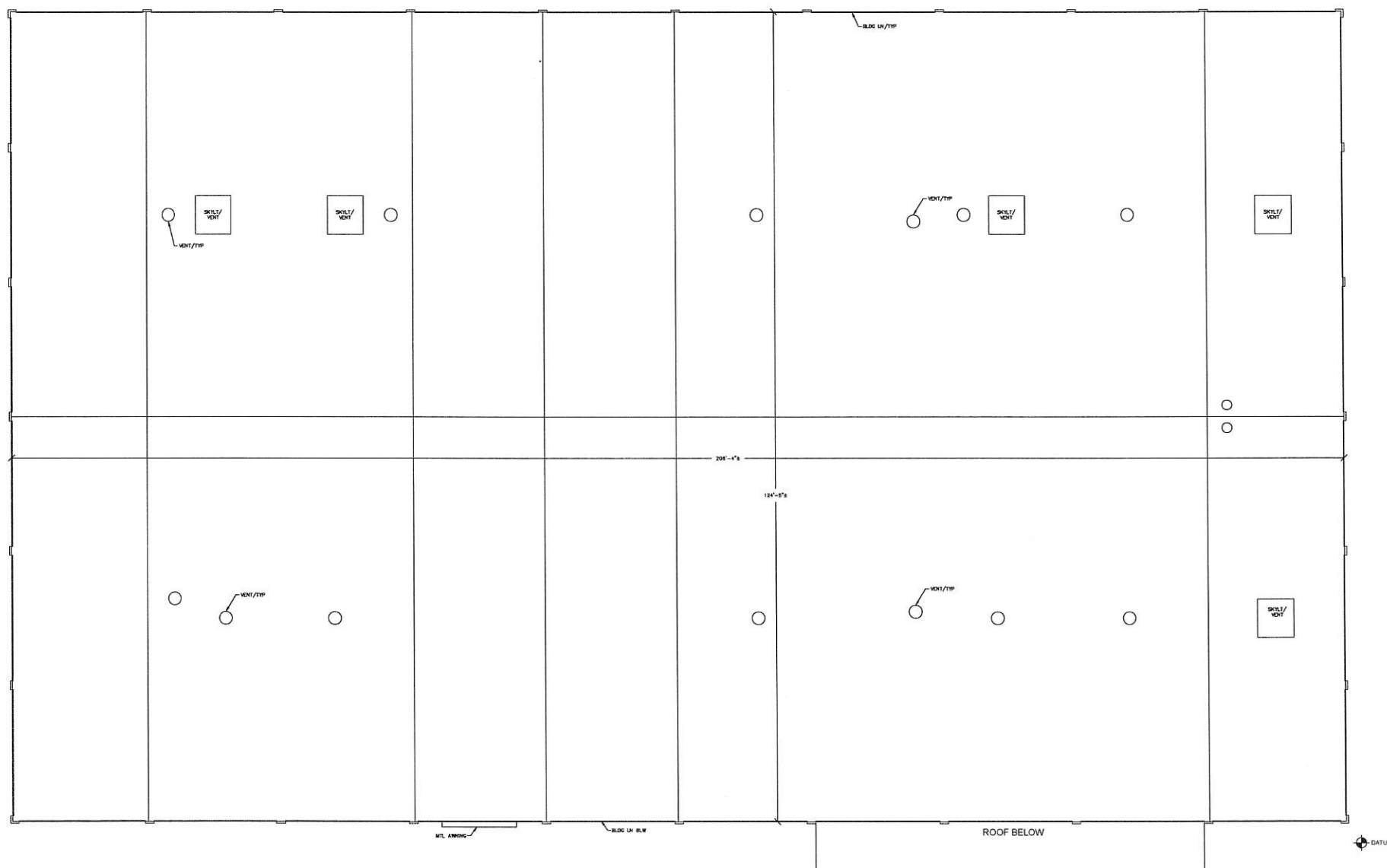
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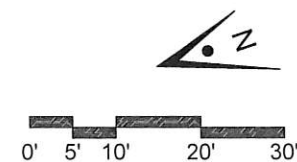
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GENERAL NOTES

KEYNOTES

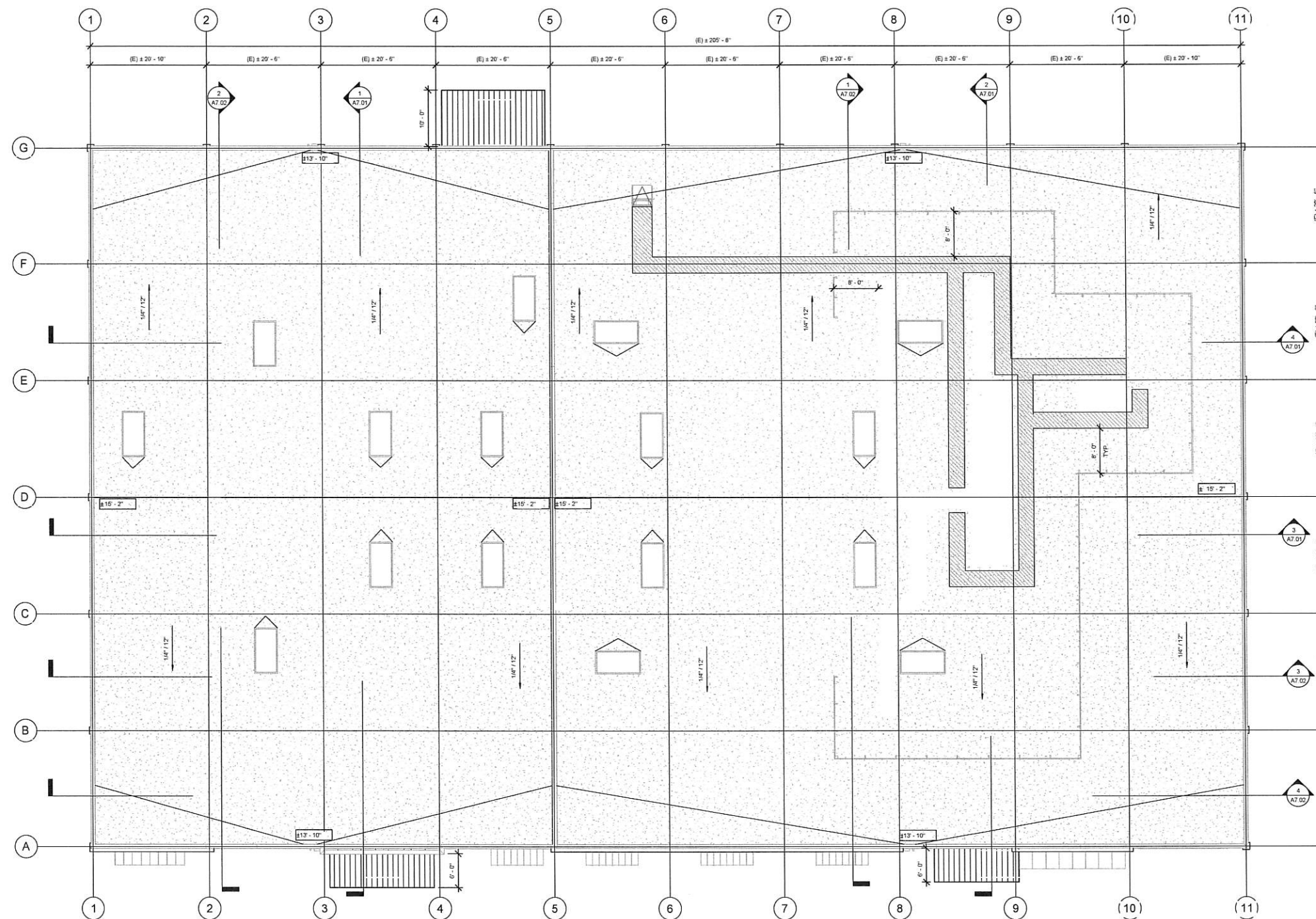


① EXISTING ROOF PLAN
SCALE 1/8"=1'-0"



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


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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 E3CS298) 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	Drawing No
Application Number	A5.11
Project No.	
Date	



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Legend

Key Plan

Project Title

SUMMIT SAN ALESO

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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

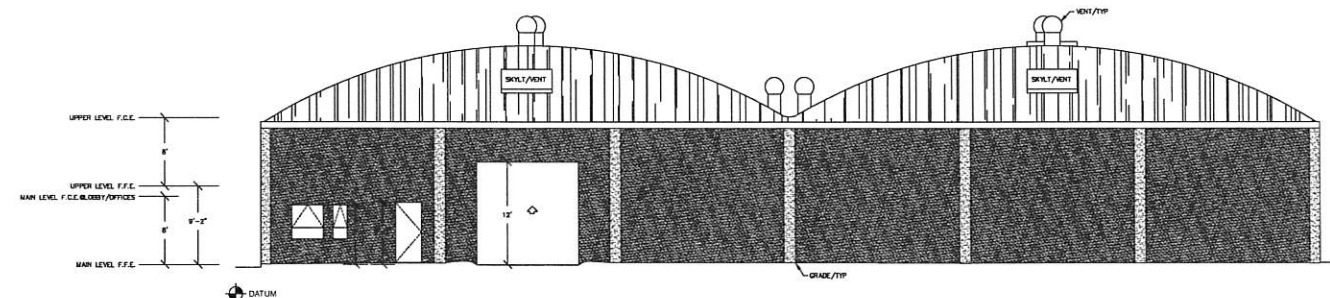
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Drawing No

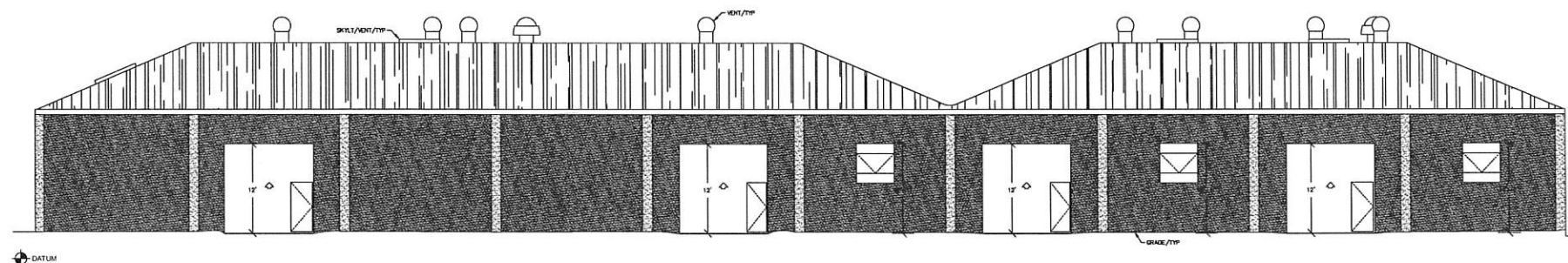
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GENERAL NOTES

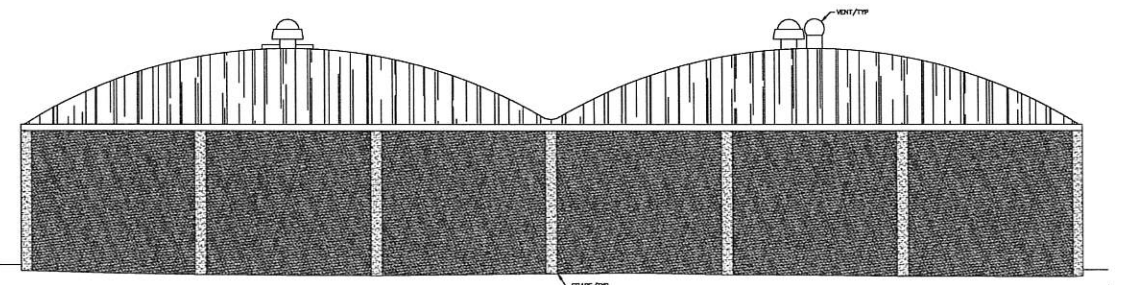
KEYNOTES



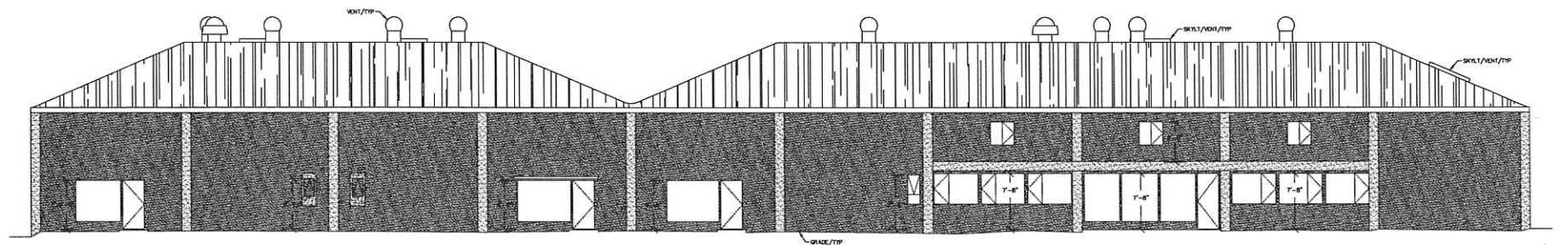
④ EXISTING SOUTH ELEVATION
SCALE 1/8"=1'-0"



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"





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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

File Number

Application Number

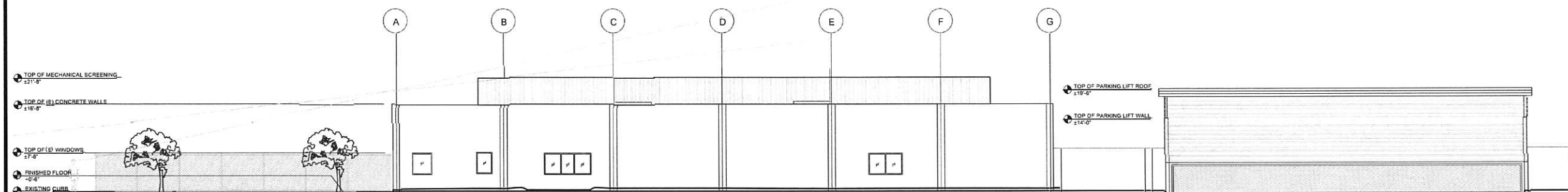
Project No.

Date

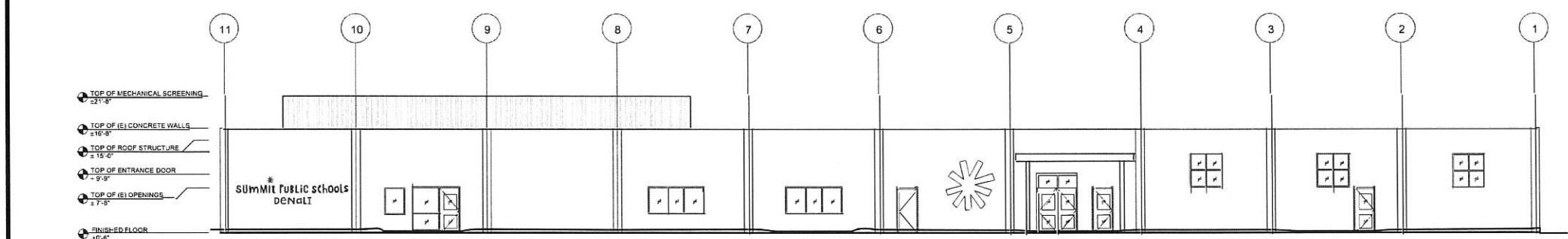
Architect Seal

Drawing No

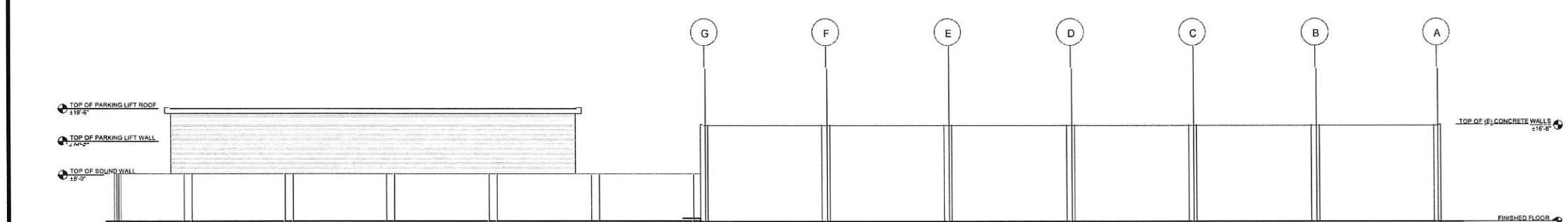
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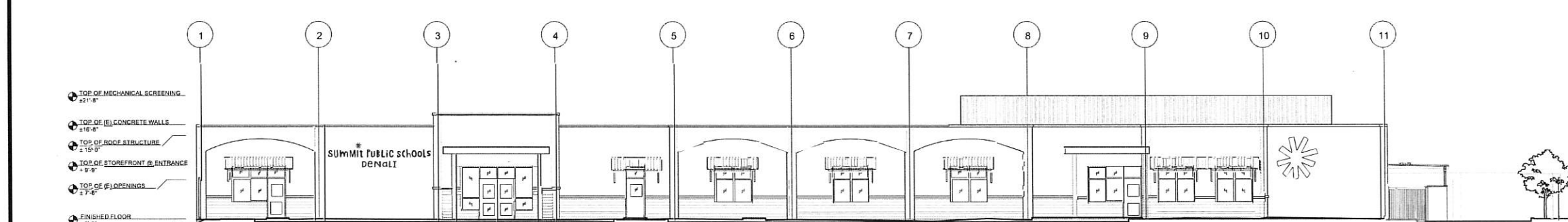
EXTERIOR ELEVATION - SOUTH



EXTERIOR ELEVATION - EAST



EXTERIOR ELEVATION - NORTH



EXTERIOR ELEVATION - WEST - OPTION 3a



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Fax 408.224.9891
www.ArtikA3.com

Legend

Key Plan

Project Title

SUMMIT SAN ALESO

824 SAN ALESO AVENUE
SUNNYVALE, CA 94085

SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
1	Planning Resubmittal	03.13.18
2	Planning Resubmittal	05.05.18
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	E0.1
Application Number	-		
Project No.	128197		
Date	12.1.17		

SYMBOL LEGEND

PLAN, DETAIL OR SECTION DESIGNATION
 PLAN, DETAIL OR SECTION DESIGNATION

ROOM NUMBER
 ROOM NUMBER

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

FEEDER SCHEDULE SYMBOL
 FEEDER SCHEDULE SYMBOL

MECHANICAL EQUIPMENT TAG
 MECHANICAL EQUIPMENT TAG

INDICATES FIXTURE TYPE
 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

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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 @ = CIRCUIT CONTROLLED.

MOTOR RATED SWITCH

CEILING MOUNTED OCCUPANCY SENSOR

HALL MOUNTED OCCUPANCY SENSOR. PROVIDE WITH BI-LEVEL SWITCH.

CEILING MOUNTED PHOTOCELL SENSOR

HALL STATION DIMMER SWITCH

LIGHTING ROOM CONTROLLER (MTD. ABOVE CEILING)

MATSTOPPER PLUG LOAD RELAY

RECEPTACLE SYMBOLS

DUPLEX RECEPTACLE ON CEILING, NEMA 15-20

QUAD RECEPTACLE ON CEILING

CEILING OUTLET COMBINED DATA/PHONE AND RECEPTACLE

DEDICATED DUPLEX RECEPTACLE AT 10" A.F.F. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

DUPLEX RECEPTACLE @ = 18" AFF U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

DUPLEX 6P/1 RECEPTACLE @ = 18" AFF 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 @ = 18" AFF U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

CONTROLLED AND UNCONTROLLED RECEPTACLE

SINGLE RECEPTACLE - L6-20, 208 VOLT, SINGLE PHASE AT = 18" AFF 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" AFF U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

SINGLE RECEPTACLE - L6-30, 208 VOLT, SINGLE PHASE AT = 18" AFF U.O.N. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.

DATA OUTLET, PROVIDE RING AND STRING, VERIFY HEIGHT.

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

DATA/TELEPHONE OUTLET, PROVIDE RING AND STRING, 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 WIREKNOB

POWER DISTRIBUTION SYMBOLS

PANELBOARD - SURFACE OR FLUSH MOUNTED.

DISTRIBUTION PANEL

MOTOR

FUSED DISCONNECT SWITCH - RATINGS AS INDICATED.

MAGNETIC STARTER

FUSED DISCONNECT SWITCH - SIZE FUSES PER MOTOR MANUFACTURER'S RECOMMENDATIONS, RATINGS AS INDICATED.

TRANSFORMER - SEE SINGLE LINE FOR SIZE.

GROUND ROD.

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. RINGS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #2 AWG WIRES. CROSSHATCH WITH SUBSCRIPT "5" INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSSHATCHES WITH "40" INDICATES WIRE SIZE OTHER THAN #12S.

FLEX CONDUIT WITH CONNECTION.

CONDUIT - STUB UP.

CONDUIT - STUB DOWN.

CAPPED CONDUIT.

CONDUIT CONTINUATION.

POWER DISTRIBUTION SINGLE LINE SYMBOLS

CIRCUIT BREAKER.

1"64E1" METER W/ CURRENT TRANSFORMER.

TRANSFORMER.

NORMALLY OPENED, AUXILIARY CONTACT.

NORMALLY CLOSED, AUXILIARY CONTACT.

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

ABBREVIATIONS

A	AMPERE
AB/	ABOVE
AF	AMP FRAME OR AMP FUSE
AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
BKR	BREAKER
BIDS	BUILDING
C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CD	CANDELAG
CAT	CIRCUIT
CL	CENTER LINE
CLB	CEILING
CO	CONDUIT ONLY
CTR	CENTER
CS	CROSSHATCH
DET	DETAIL
DM	DIMENSION
DISTR	DISTRIBUTION
DWS	DRAWING
E	EXISTING
EM	EMERGENCY
EQUIP	EQUIPMENT
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FUR	FUTURE
FN	FINISH
FL	FLOOR
#, #/2	# OF
HOT	HEIGHT
HP	HORSEPOWER
IC	INTERCOM
IDF	INTERMEDIATE DISTRIBUTION FRAME
JBOX	JUNCTION BOX
KALC	KILOAMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KM	KILOMETER
L6	LIGHTING
L75	THIRTY AND SEVEN HUNDRED
MDF	MAIN DISTRIBUTION FRAME
MCH	MECHANICAL
HH	HANDLE
HTD	HUNG
HWS	HOUSING
IN	IN
NG	NORMALLY CLOSED
NC	NOT IN CONTRACT
NEG	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
PNE	PANEL
RELOC	EXISTING TO BE RELOCATED
REQD	REQUIRED
RMT	ROOM
RSC	RISER STEEL CONDUIT
SHT	SHEET
SWD	SWITCHBOARD
TG	TERMINAL CABINET
TEL	TELEPHONE
TYP	TYPICAL
U.O.N.	UNLESS OTHERWISE NOTED
V	VOLT
W	WEATHERPROOF
WTR	TRANSFORMER

SHEET INDEX

E01	ELECTRICAL COVER SHEET
E10	SITE LIGHTING PLAN
E10P	SITE PHOTO-METRIC CALCULATION

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 FINE 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 IS 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 PORTABLE 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 RISID 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 ROOM-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 PILING, AND CABLE TERMINATIONS SHALL BE M.I.C. UNLESS OTHERWISE NOTED. ALL EXPOSED CABLE IN CEILING PLENUM SHALL BE TEFLON 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.
- GROUNDINGS AND BONDINGS 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 SPACE(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.



ACEE# E17254.00



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

Legend

Key Plan

Project Title

SUMMIT SAN ALESO

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
3	Planning Commission Study Session	08.09.18
4	Planning Resubmittal	09.19.18

Drawing Title

SITE LIGHTING &
POWER PLAN

Regulatory Agency Approval

Architect Seal



ACEE# E17254.00

File Number

Application Number

Project No.
128197

Date
12.1.17

Drawing No

E1.0

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 1 OPTICS. VISIONAIRE LIGHTING: V5X-I-T1-BLC-3-BK-UNV-PM-DIM-VSC20 OR EQUAL BUG RATINGS: B1 UO 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-B2LC-5-BK-UNV-AM-DIM-VSC200 OR EQUAL BUG RATINGS: B1 UO 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-T3-4BLC-T-BK-UNV-PM-DIM-VSC200 OR EQUAL BUG RATINGS: B2 UO 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-B2LC-5-BK-UNV-AM-DIM-VSC20 OR EQUAL BUG RATINGS: B3 UO 61	POLE MOUNTED @ 12' A.F.F.	52W
EE	■	WALL MOUNT EMERGENCY ONLY LIGHT FIXTURE RAB LIGHTING: RP2LED-3T-N OR EQUAL BUG RATINGS: B1 UO 63	WALL MOUNTED ABOVE DOOR	

GENERAL NOTES:

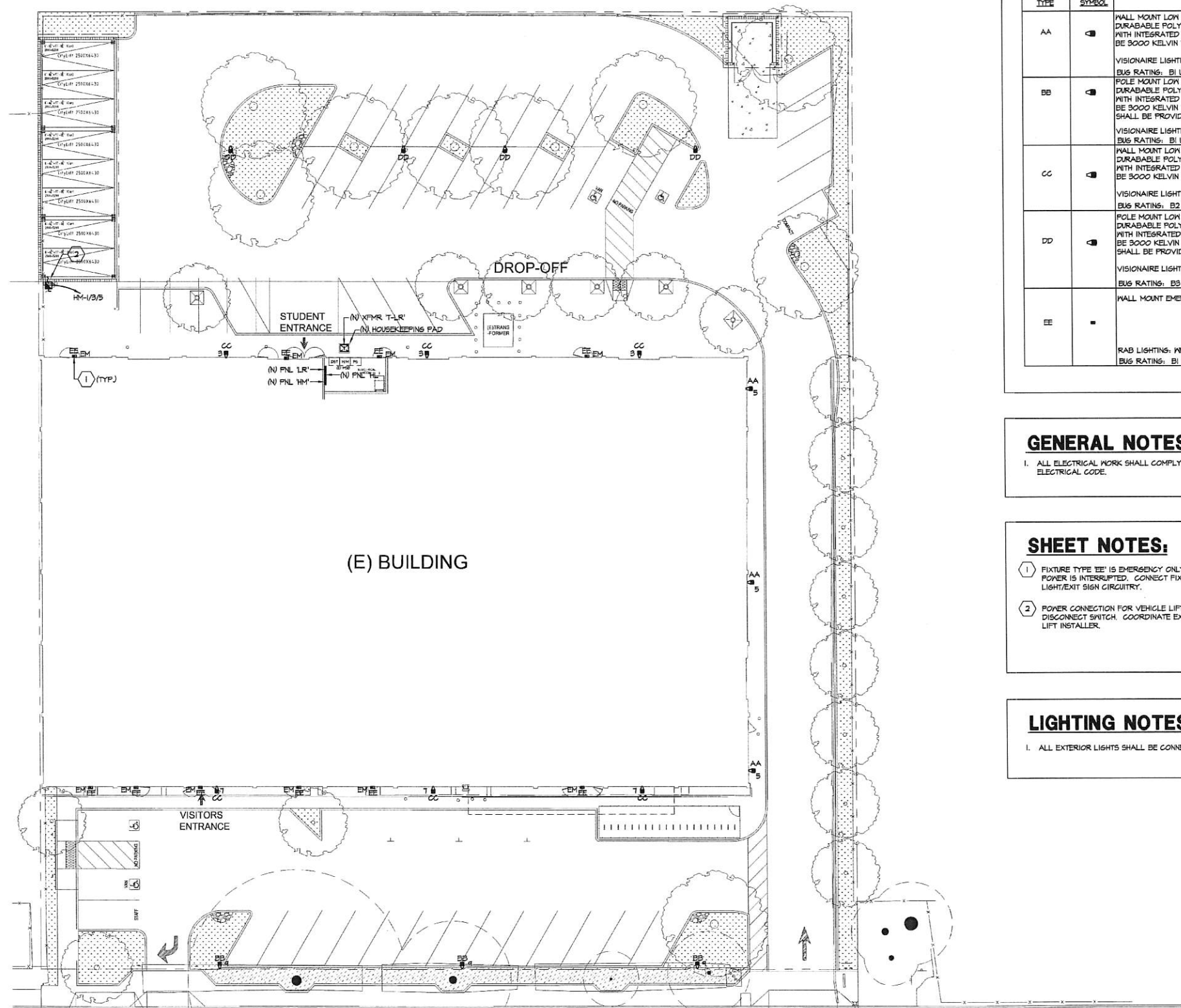
- ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2016 CALIFORNIA ELECTRICAL CODE.

SHEET NOTES:

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

LIGHTING NOTES:

- ALL EXTERIOR LIGHTS SHALL BE CONNECTED TO PANEL 'M', U.O.N.



1 SITE LIGHTING & POWER PLAN

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

ARTiK
ART & ARCHITECTURE
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
Fax 408.224.9891
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Legend

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Drawing Title

**SITE PHOTOMETRIC
CALCULATION**

Regulatory Agency Approval

Architect Seal

File Number

Drawing No

Application Number

Project No
128197

Date
12.1.17

E1.0P

VSX LED Project Name: [] Catalog Number: [] Type: []

Dimensional Drawings

The VSX LED fixture is a modern, adjustable lighting fixture designed for outdoor use. It features a sleek, curved design and is available in various finishes and colors. The fixture is designed to be energy-efficient and long-lasting, with a lifetime of up to 50,000 hours. It is suitable for use in a variety of settings, including residential, commercial, and industrial applications.

Finish	A	B	C	D	Max. WxH	LxH
VSX-1	23"	8"	12.8"	4"	18"	25"

Options

Option	Description
Black (BK)	Black (BK)
Smooth Black (SBK)	Smooth Black (SBK)
White (WH)	White (WH)
Smooth White (SWH)	Smooth White (SWH)
Graphite (GP)	Graphite (GP)
Grey Silver (GS)	Grey Silver (GS)
Silver Metallic (SM)	Silver Metallic (SM)
Custom Color (CC)	Custom Color (CC)

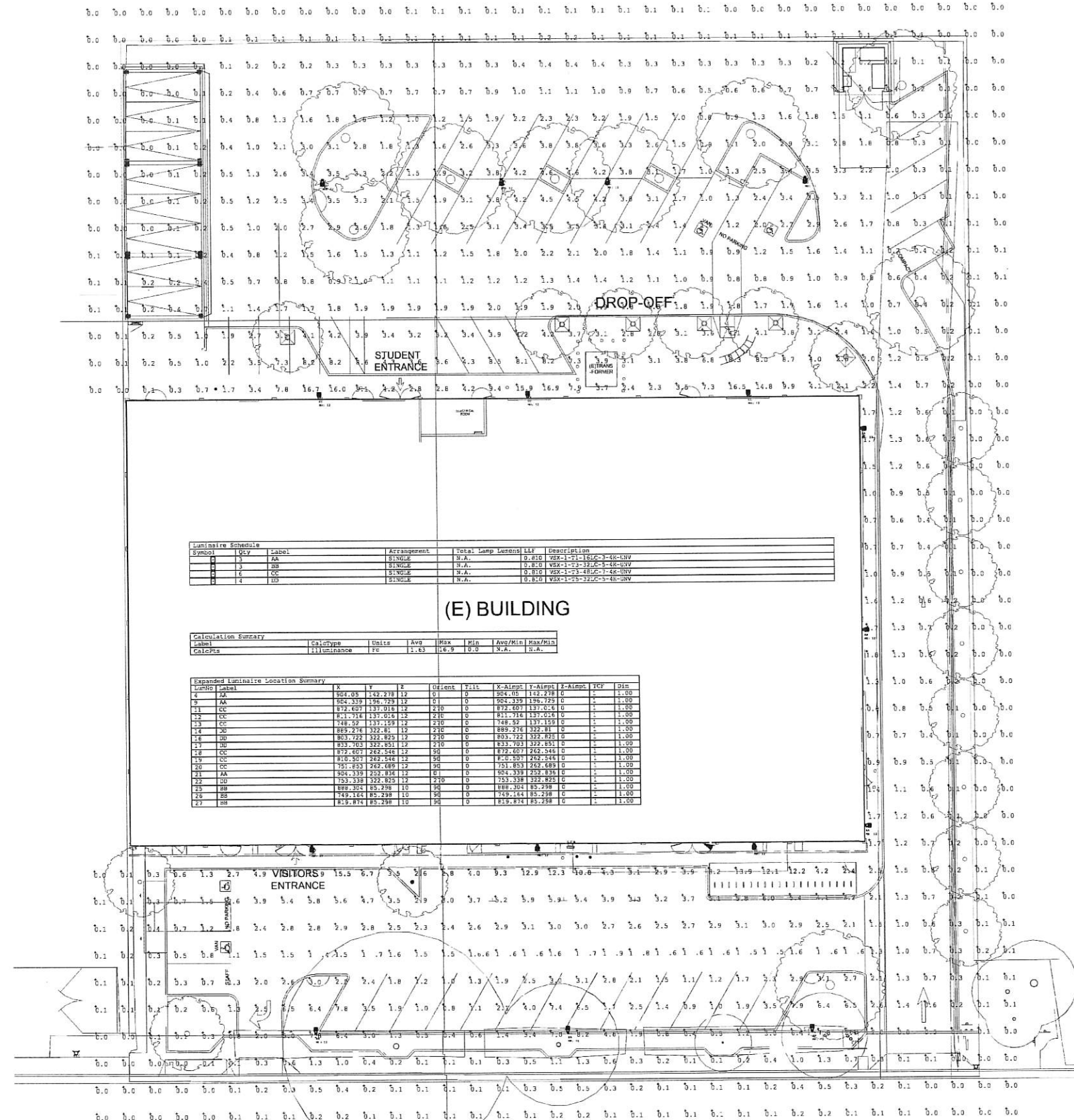
VSX LED

Working and Installation

Notes

Quantity

Item	Quantity	Description
1	1	VSX LED fixture



Luminaire Schedule

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
1	3	AA	SINGLE	0.810	0.810	VSX-1-23-18-2-4K-UV
2	3	BB	SINGLE	0.810	0.810	VSX-1-23-18-2-4K-UV
3	4	CC	SINGLE	0.810	0.810	VSX-1-23-18-2-4K-UV
4	1	DD	SINGLE	0.810	0.810	VSX-1-23-18-2-4K-UV

Calculation Summary

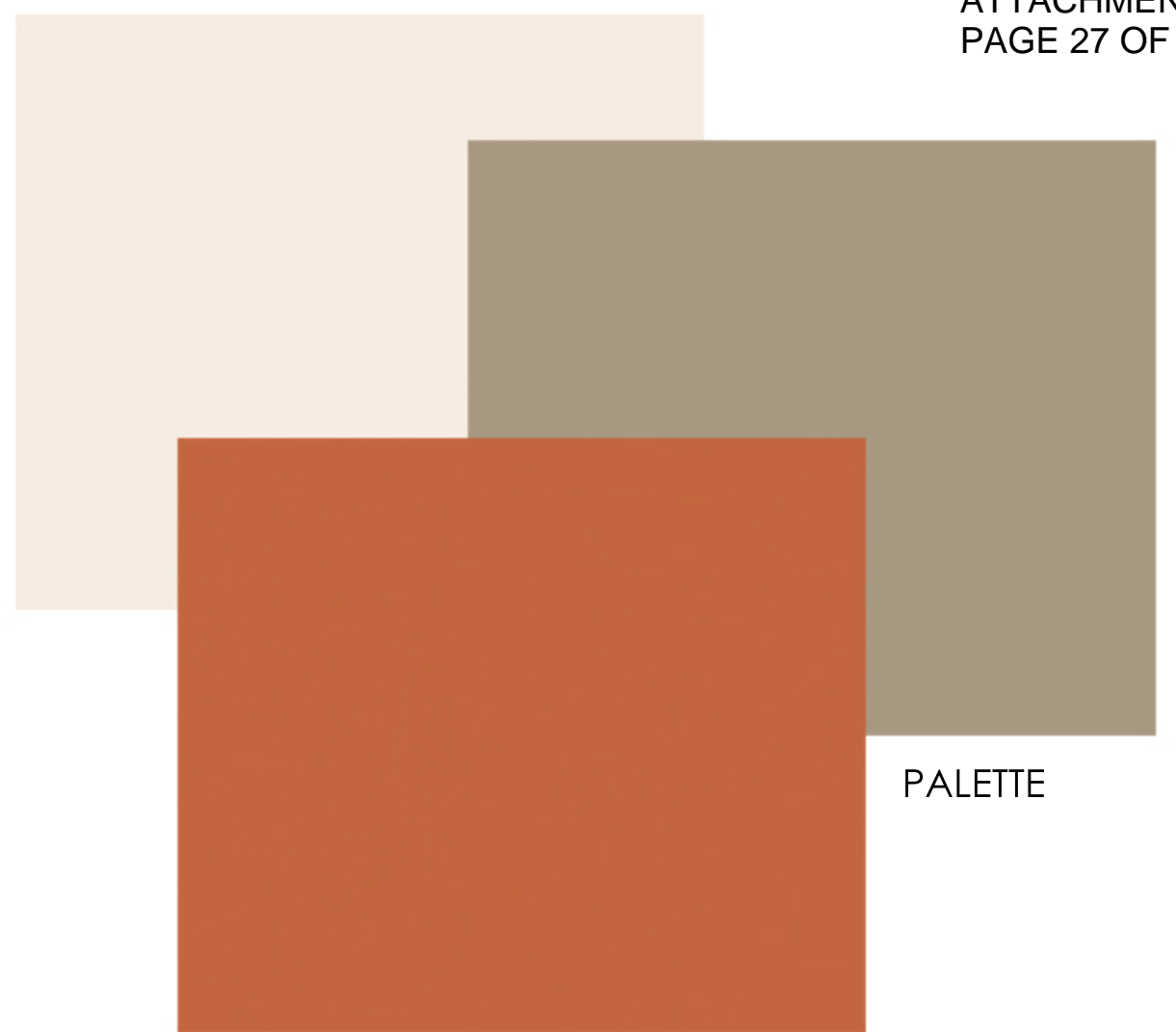
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	ILLUMINANCE	FC	1.63	16.9	0.0	N.A.	N.A.

Expanded Luminaire Location Summary

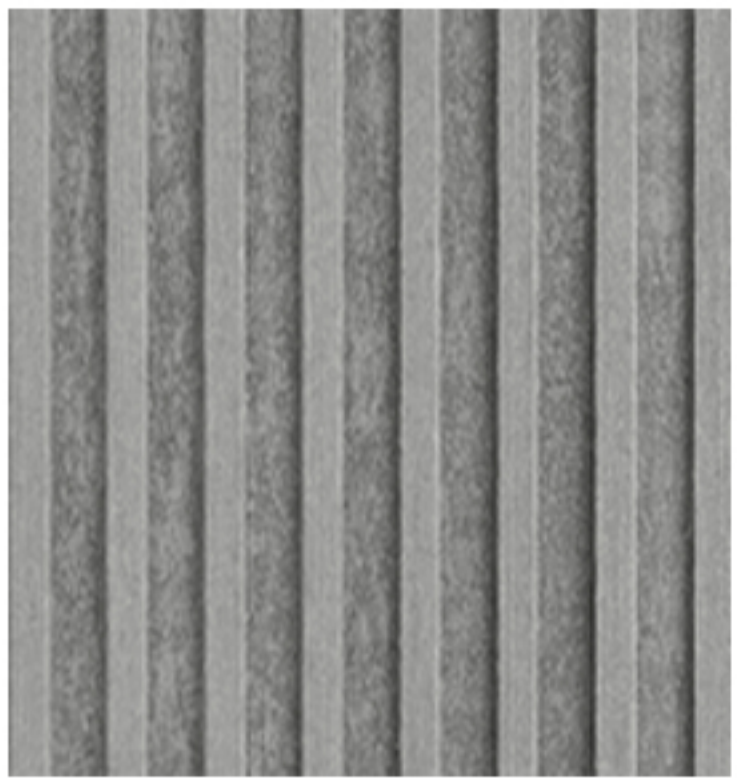
Luminaire Label	X	Y	Z	Height	Tilt	X-Aimpt	Y-Aimpt	Z-Aimpt	FC	Dim
1 AA	904.00	142.218	12	0	0	904.00	142.218	0	1.00	1.00
2 BB	904.339	139.729	12	0	0	904.339	139.729	0	1.00	1.00
3 CC	872.607	137.018	12	0	0	872.607	137.018	0	1.00	1.00
4 DD	821.716	137.018	12	0	0	821.716	137.018	0	1.00	1.00



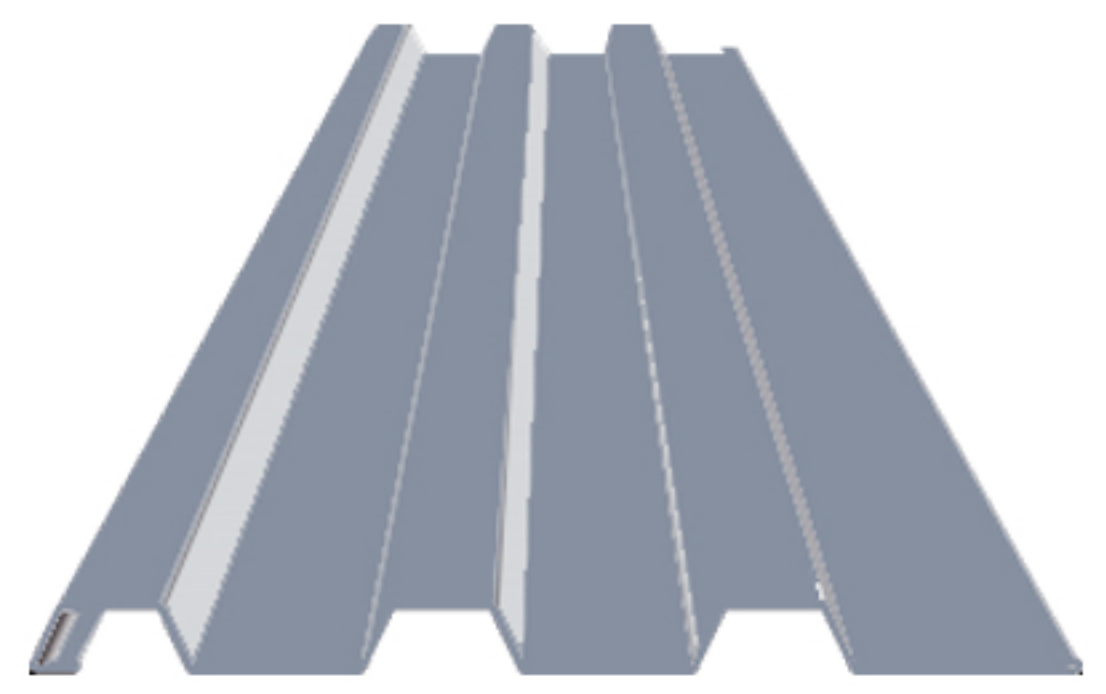
ACEE# E17254.00



PALETTE



WAINSCOTTING EQUITONE LT20



WALL PANEL