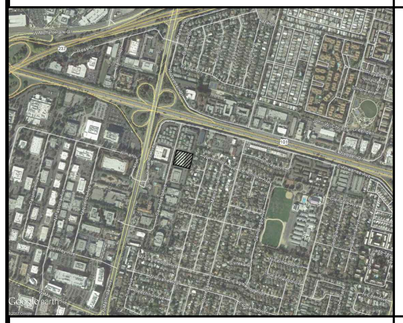
SUMMIT SAN ALESO
USE PERMIT APPLICATION
824 SAN ALESO AVENUE
SUNNYVALE, CA 94085

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

VICINITY MAP



SCOPE OF WORK

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

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

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

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

PROJECT DIRECTORY

CLIENT	Summit Public Schools 900 Island Dr, Suite 203 Redwood City, CA 94065 (650) 257 9878 (650) 517 8356 (Fax)
ARCHITECT	Artik Art & Architecture 394-A Umbarger Road San Jose, CA 95111 (408) 224-9890 (408) 224-9891 (Fax)
CIVIL ENGINEER	Underwood & Rosenblum, Inc. 1630 Oakland Road, Suite A114 San Jose, CA 95131 (408) 453-1222 (408) 453-1207 (Fax)
LANDSCAPE ARCHITECT	ANLA Associates, Inc. 1213 Lincoln Ave, Suite 211 San Jose, CA 95125 (408) 292-2196
ELECTRICAL ENGINEER	General Lighting Services 975 Chestnut Street San Jose, CA 95110 (408) 298-6670 (408) 298-6795 (Fax)

SYMBOL LEGEND

ROOM IDENTIFICATION
CLASSROOM — Room Name
A101 — Room Number
A8.01 — Sheet # Where Interior Elevations are Located

01 — KEY NOTE NUMBER

CONTROL POINT

1 — GRID IDENTIFICATION

1 — REVISION

N — NORTH ARROW

GENERAL NOTES

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

GOVERNING CODES

PARTIAL LIST OF APPLICABLE CODES AS OF JANUARY 1, 2017

1. 2016 California Administrative Code, Part 1, Title 24 C.C.R.
2. 2016 California Building Code (CBC), Part 2, Title 24 C.C.R. (2015 International Building Code and 2016 California Amendments)
3. 2016 California Electrical Code (CEC), Part 3, Title 24 C.C.R. (2014 National Electrical Code and 2016 California Amendments)
4. 2016 California Mechanical Code (CMC), Part 4, Title 24 C.C.R. (2015 Uniform Mechanical Code and 2016 California Amendments)
5. 2016 California Plumbing Code (CPC), Part 5, Title 24 C.C.R. (2015 Uniform Plumbing Code and 2016 California Amendments)
6. 2016 California Energy Code (CEC), Part 6, Title 24 C.C.R.
7. 2016 California Fire Code, Part 9, Title 24 C.C.R. (2015 International Fire Code and 2016 California Amendments)
8. 2016 California Existing Building Code (CEBC), Part 10, Title 24 C.C.R. (2015 International Building Code and 2016 California Amendments)
9. 2016 California Green Building Standards Code (CALGreen), Part 11, Title 24 C.C.R.
10. 2016 California Reference Standards, Part 12, Title 24 C.C.R.
11. Title 19 C.C.R., Public Safety, State Fire Marshall Regulations
12. 2013 ASME A17.1/CSA B44-13 Safety Code for Elevators and Escalators

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

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

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

NOTES

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

SHEET INDEX

A0.01	TITLE SHEET
CIVIL	
C0	SITE TOPOGRAPHIC SURVEY
C1	SITE DEMOLITION PLAN
C2	GRADING & PAVING PLAN
C3.0	SITE PLUMBING PLAN
C3.1	SITE STORM WATER CONTROL PLAN
C4.0	FIRE SERVICE SITE PLAN
C5	SIGNAGE, STRIPING, AND DIMENSION PLAN
C6	CIVIL DETAILS
C7	EROSION CONTROL PLAN
LANDSCAPE	
L1.1	IRRIGATION PLAN
L1.2	IRRIGATION DETAILS
L2.1	PLANTING PLAN
L2.2	PLANTING DETAILS
ARCHITECTURAL	
A1.11	PROPOSED SITE PLAN
A1.12	SOLID WASTE & RECYCLING MANAGEMENT PLAN
A1.13	PROPOSED INTERIM SITE PLAN
A3.01	EXISTING FIRST FLOOR PLAN
A3.02	EXISTING MEZZANINE PLAN
A3.11	PROPOSED FIRST FLOOR PLAN
A3.12	PROPOSED MEZZANINE FLOOR PLAN
A5.01	EXISTING ROOF PLAN
A5.11	PROPOSED ROOF PLAN
A6.01	EXISTING EXTERIOR ELEVATIONS
A6.11	PROPOSED EXTERIOR ELEVATIONS
ELECTRICAL	
E0.1	ELECTRICAL COVER SHEET
E1.0	SITE LIGHTING PLAN
E1.0P	SITE PHOTOMETRIC CALCULATION

ABBREVIATIONS

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

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
2	Planning Resubmittal (PRC #2)	06.06.18
3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18

Drawing Title

TITLE SHEET

Regulatory Agency Approval

Architect Seal

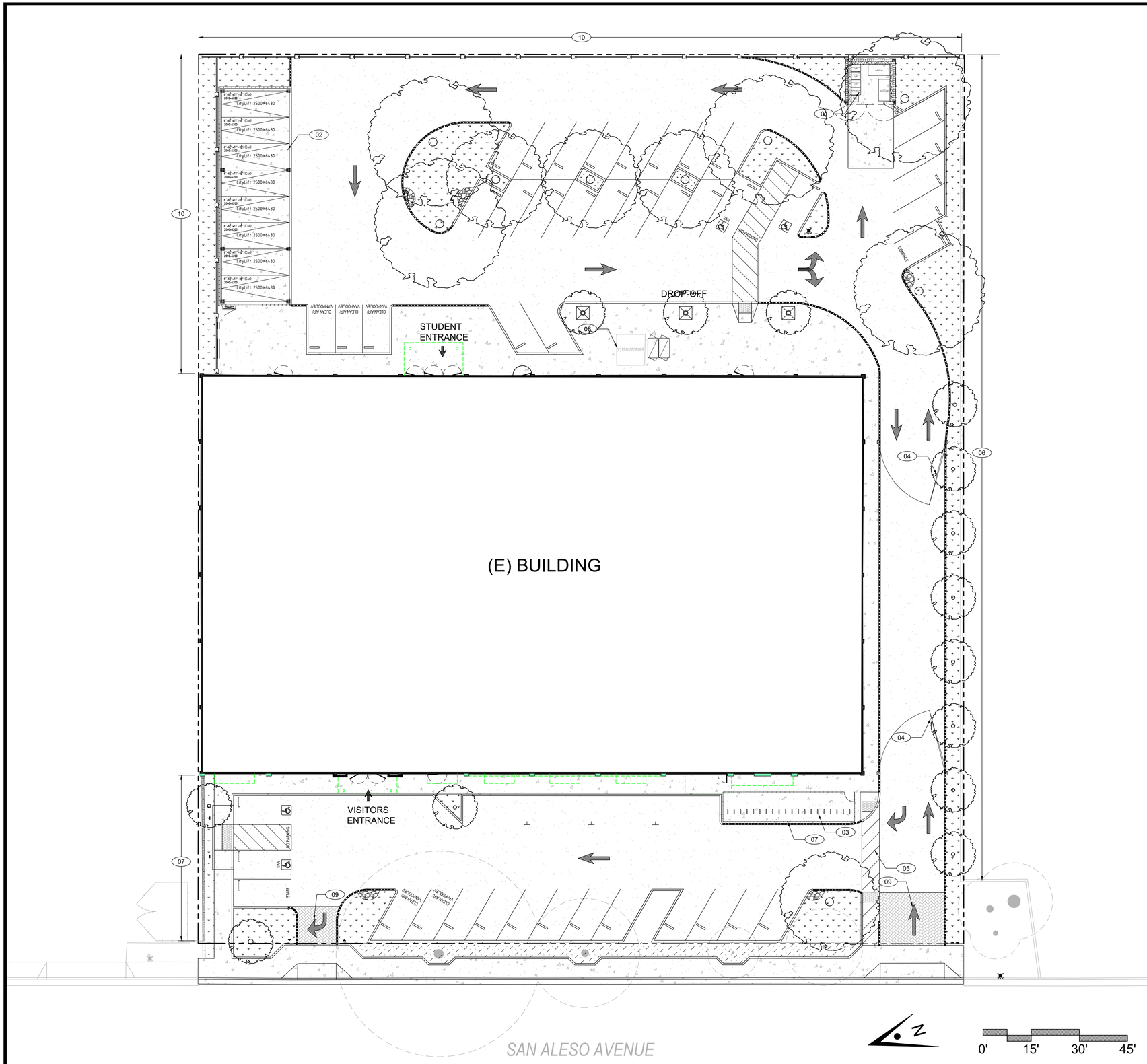
File Number -

Application Number -

Project No. 128197

Date 12.01.17

Drawing No A0.01



1 SITE PLAN 1"=15'-0"

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

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.

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Legend

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

Key Plan

Project Title

SUMMIT SAN ALESO

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Drawing Title

PROPOSED SITE PLAN

Regulatory Agency Approval

Architect Seal

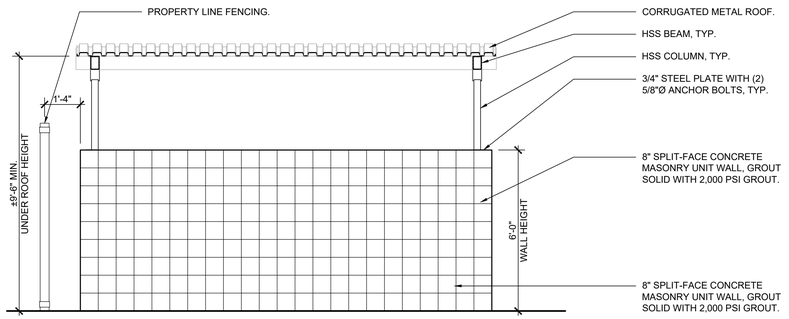
File Number -

Application Number -

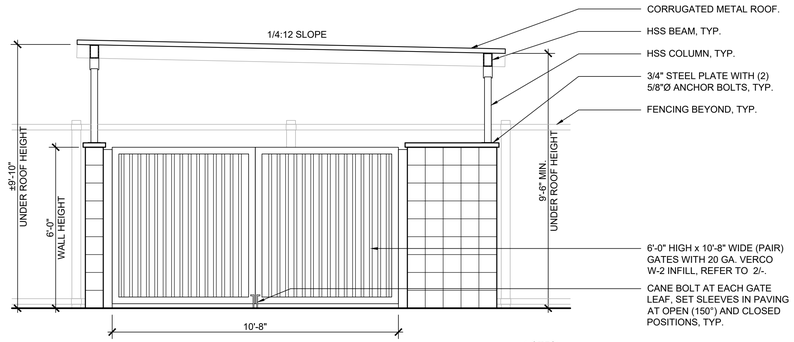
Project No. 128197

Date 12.01.17

Drawing No A1.11



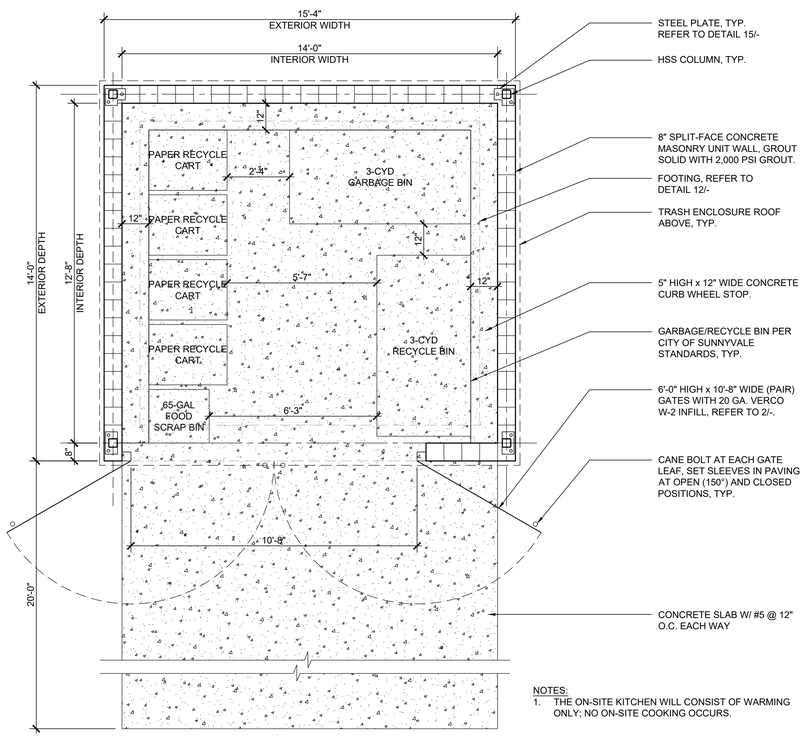
SIDE ELEVATION



FRONT ELEVATION

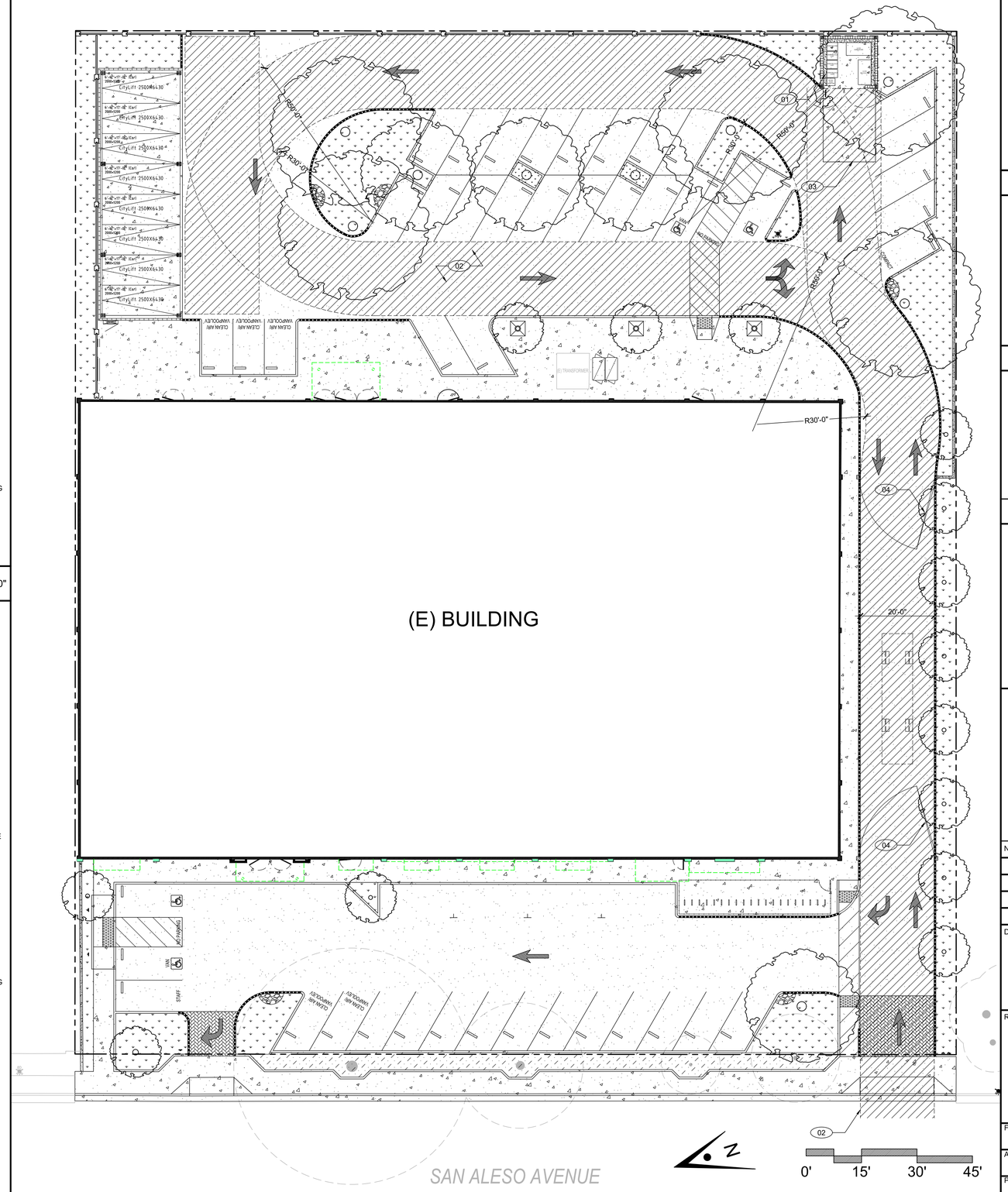
NOTES:
1. GATES ARE OPENED BY MAINTENANCE STAFF AND REFUSE COMPANY PERSONNEL ONLY.

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



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

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



1 SITE PLAN 1"=15'-0"

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Legend

CONCRETE, REFER TO GRADING PLAN.

AC PAVING, REFER TO GRADING PLAN.

ASSUMED PROPERTY LINE

Keynotes

01 CONCRETE MASONRY UNIT (CMU) SOLID WASTE/RECYCLING ENCLOSURE, WITH (2) 3-CYD GARBAGE BIN, (1) 3-CYD RECYCLING BIN, AND (1) PAPER RECYCLING CART, REFER TO 2/- AND 3/-.

02 GARBAGE TRUCK ROUTE AND TURN-AROUND, WITH TURNING RADIUSES 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

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3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal	09.19.18

Drawing Title

SOLID WASTE AND RECYCLING MANAGEMENT PLAN

Regulatory Agency Approval

Architect Seal

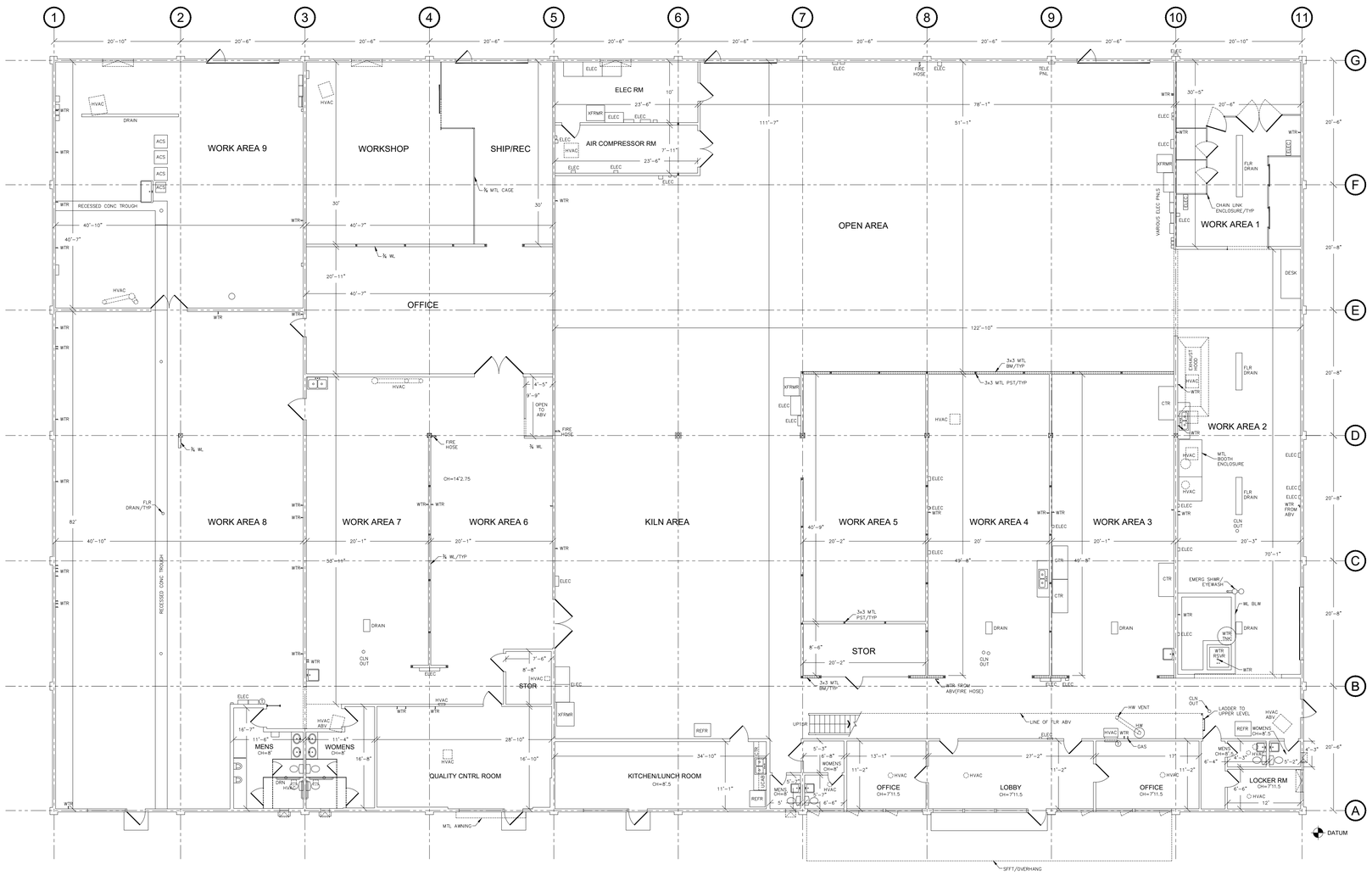
File Number -

Application Number -

Project No. 128197

Date 12.01.17

Drawing No A1.12



0' 5' 10' 20' 30'

1 EXISTING FIRST FLOOR PLAN 1"=10'-0"

GENERAL NOTES

KEYNOTES

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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

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

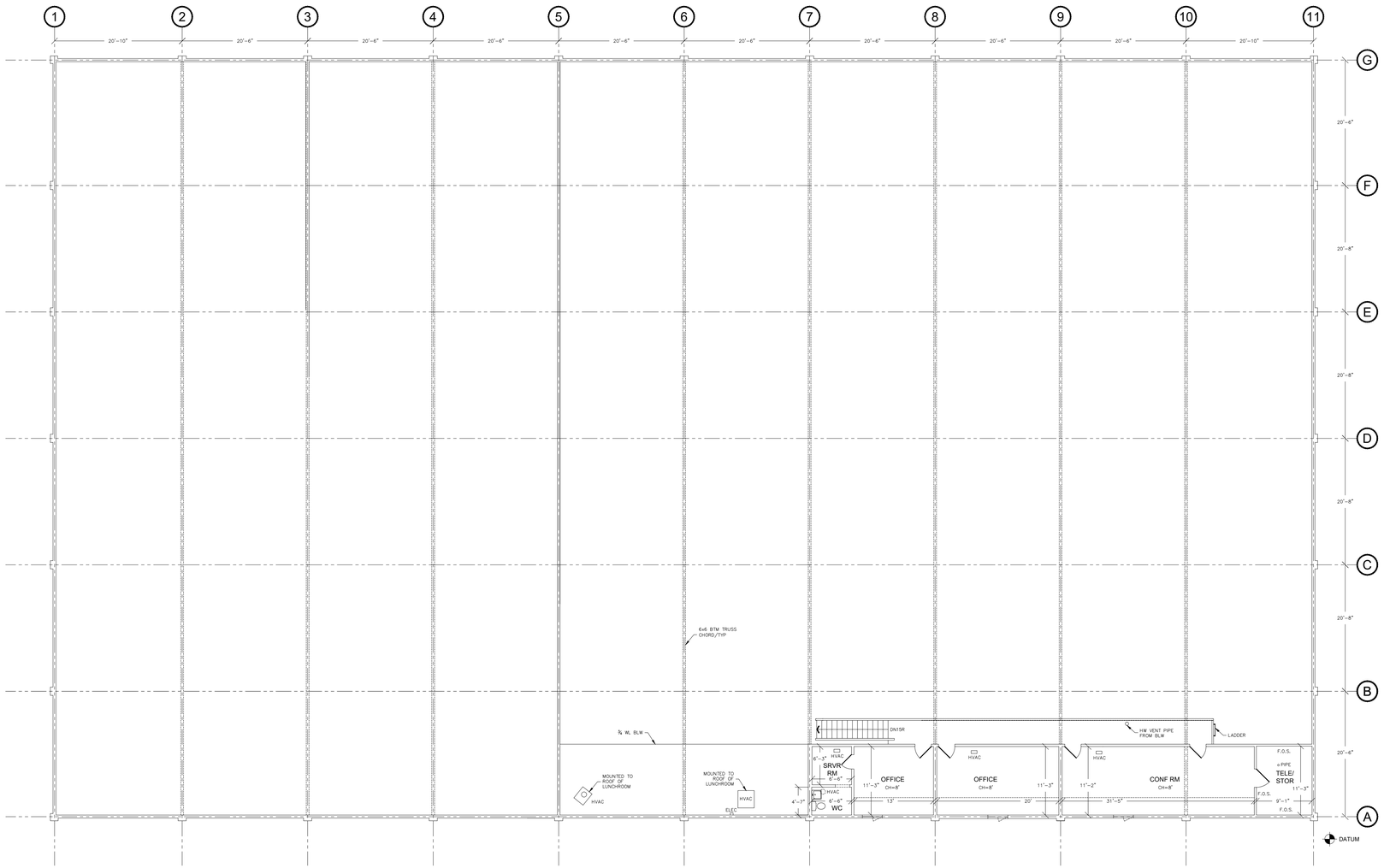
File Number
-

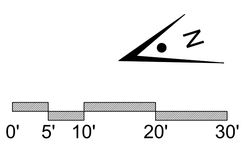
Application Number
-

Project No.
128197

Date
12.01.17

Drawing No
A3.01





1 EXISTING MEZZANINE FLOOR PLAN

1"=10'-0"

GENERAL NOTES

KEYNOTES

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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	06.06.18

Drawing Title

EXISTING MEZZANINE PLAN

Regulatory Agency Approval

Architect Seal

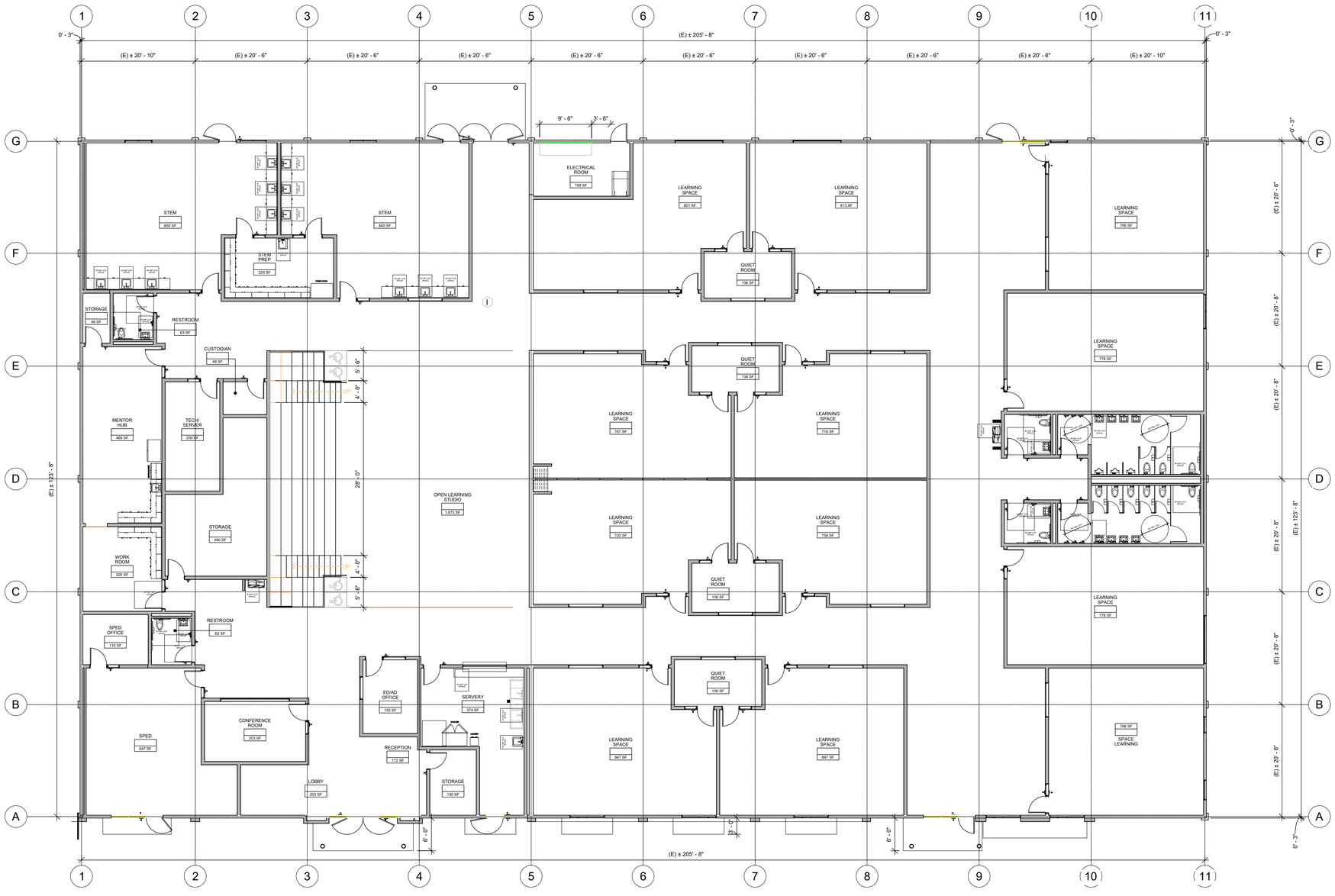
File Number
-

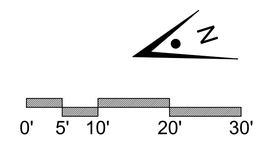
Application Number
-

Project No.
128197

Date
12.01.17

Drawing No
A3.02





1 FIRST FLOOR PLAN 1"=10'-0"

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Legend

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

Keynotes

Key Plan

Project Title

SUMMIT SAN ALESO

USE PERMIT APPLICATION

824 SAN ALESO AVENUE
SUNNYVALE, CA 94085

SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
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

PROPOSED FIRST FLOOR PLAN

Regulatory Agency Approval

Architect Seal

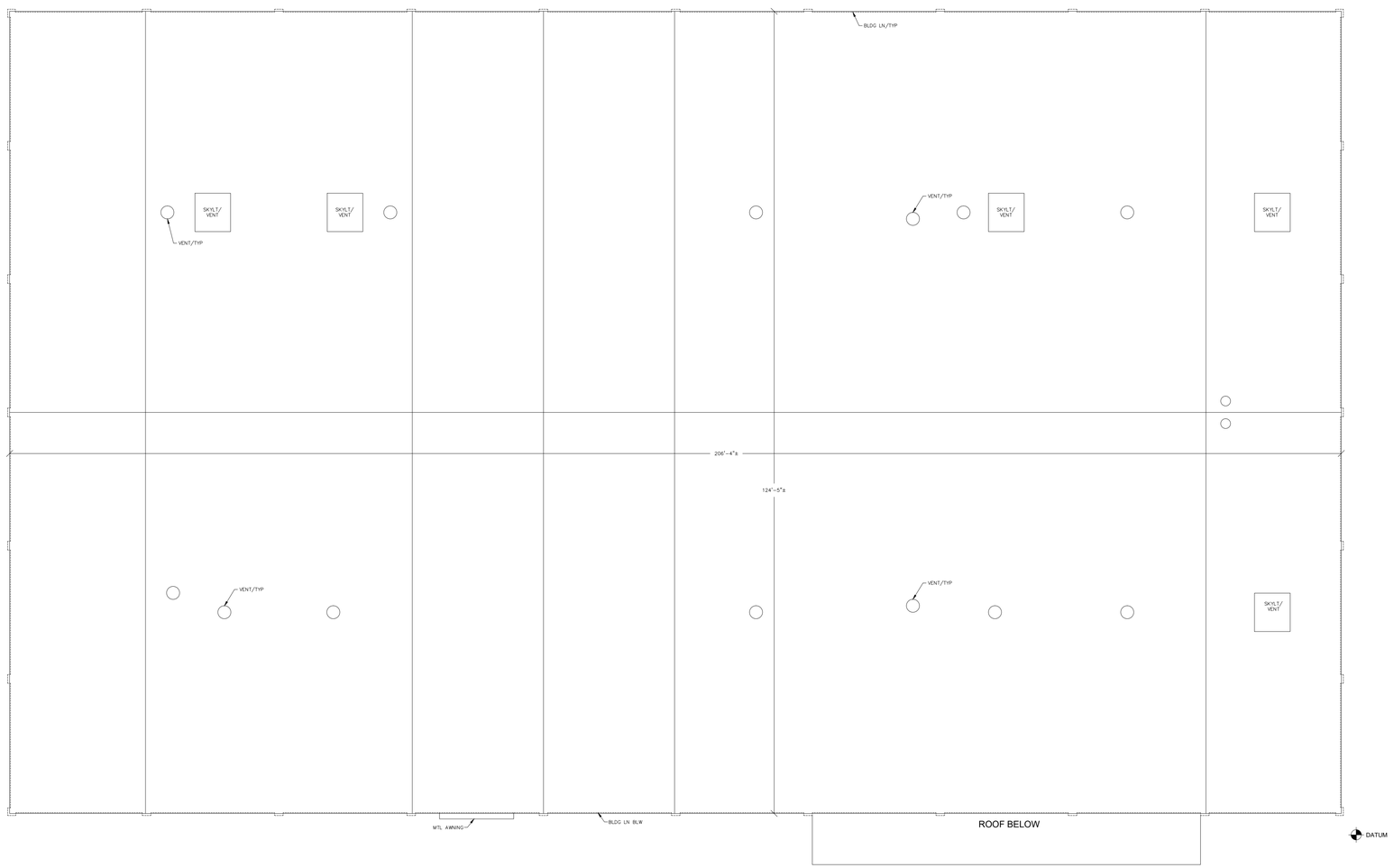
File Number
-

Application Number
-

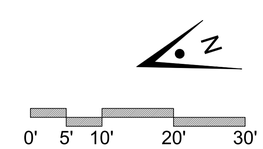
Project No.
128197

Date
12.01.17

Drawing No
A3.11



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



1	EXISTING ROOF PLAN	1"=10'-0"

GENERAL NOTES

KEYNOTES

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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	06.06.18

Drawing Title

EXISTING ROOF PLAN

Regulatory Agency Approval

Architect Seal

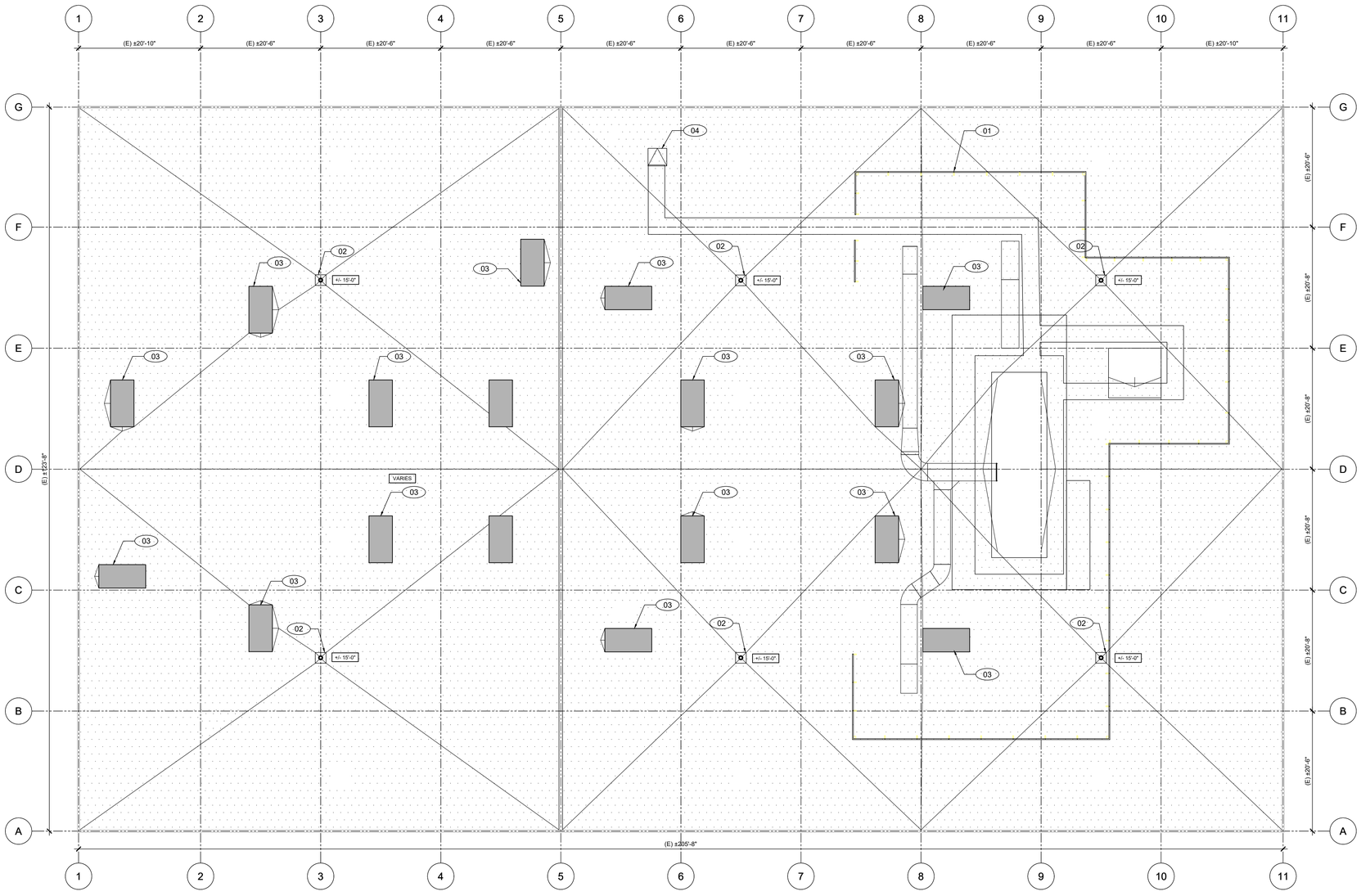
File Number
-

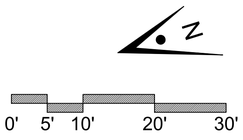
Application Number
-

Project No.
128197

Date
12.01.17

Drawing No
A5.01





1 PROPOSED ROOF PLAN 1"=10'-0"

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Legend

TPO ROOFING SYSTEM

(E) EXTERIOR CONCRETE WALL TO REMAIN.

Keynotes

01 6'-0" HIGH MECHANICAL QUIPMENT ROOF SCREEN.

02 ROOF DRAIN / OVERFLOW DRAIN.

03 8'-0" LONG x 4'-0" WIDE CURB-MOUNTED DOME SKYLIGHT (WASCO ECOSKY3 MODEL E3CS5296) OR EQUAL.

04 ROOF ACCESS HATCH (BILCO TYPE "S" ROOF HATCH).

Key Plan

Project Title

SUMMIT SAN ALESO

USE PERMIT APPLICATION

824 SAN ALESO AVENUE
SUNNYVALE, CA 94085

SUMMIT PUBLIC SCHOOLS

No	Revisions/Submissions	Date
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

PROPOSED ROOF PLAN

Regulatory Agency Approval

Architect Seal

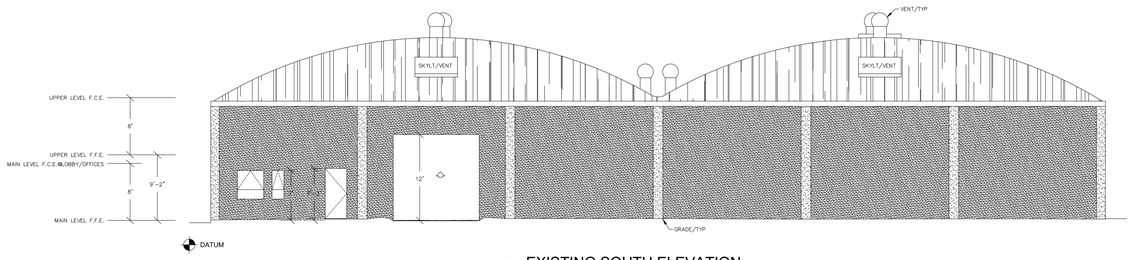
File Number -

Application Number -

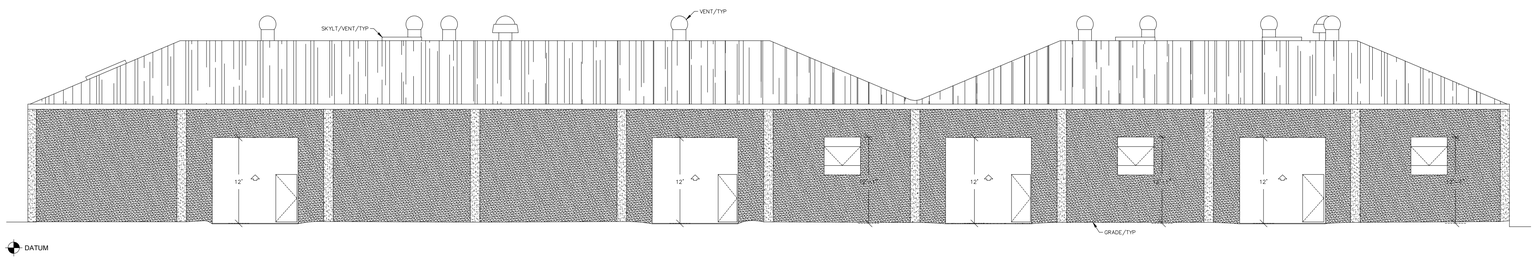
Project No. 128197

Date 12.01.17

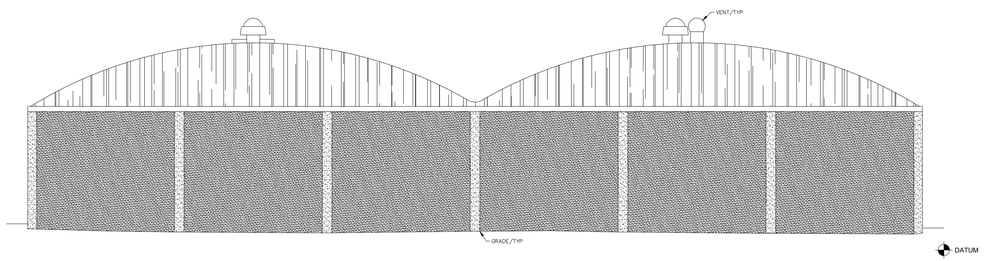
Drawing No A5.11



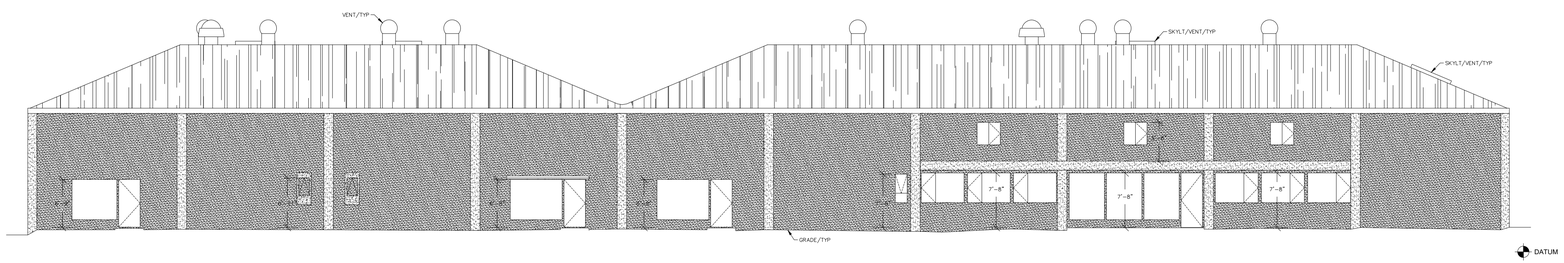
4 EXISTING SOUTH ELEVATION
SCALE :1/8"=1'-0"



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"

0' 5' 10' 20' 30'

1 EXISTING EXTERIOR ELEVATIONS 1"=10'-0"

GENERAL NOTES

KEYNOTES

ARTiK
ART & ARCHITECTURE
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San Jose, CA 95111
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Fax 408.224.9891
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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	06.06.18

Drawing Title

EXISTING EXTERIOR ELEVATIONS

Regulatory Agency Approval

Architect Seal

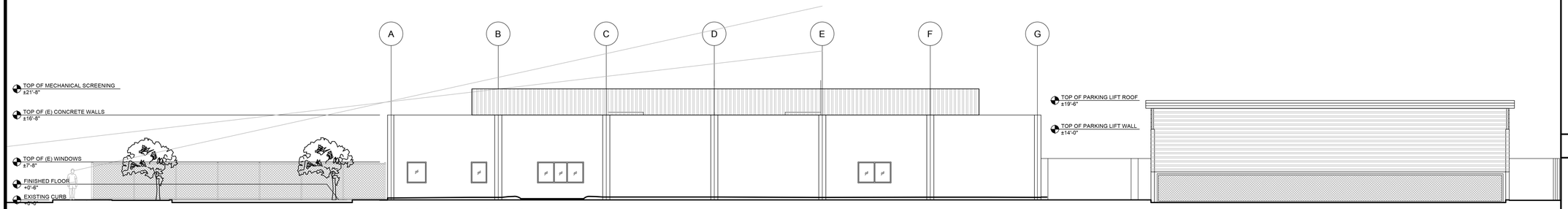
File Number
-

Application Number
-

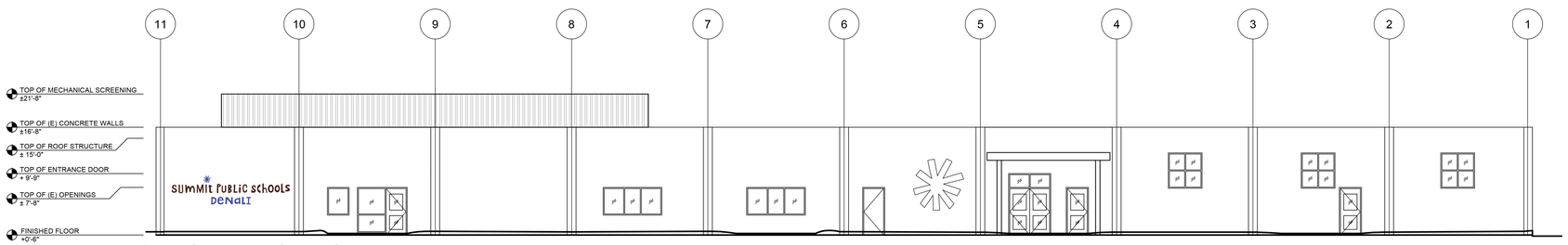
Project No.
128197

Date
12.01.17

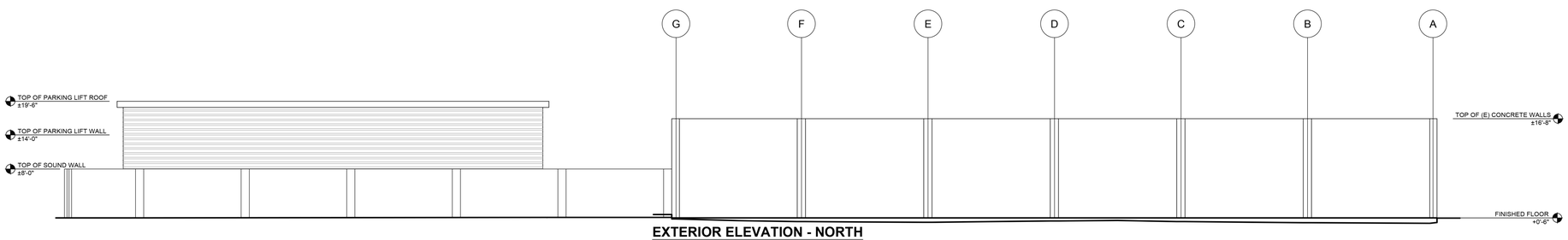
Drawing No
A6.01



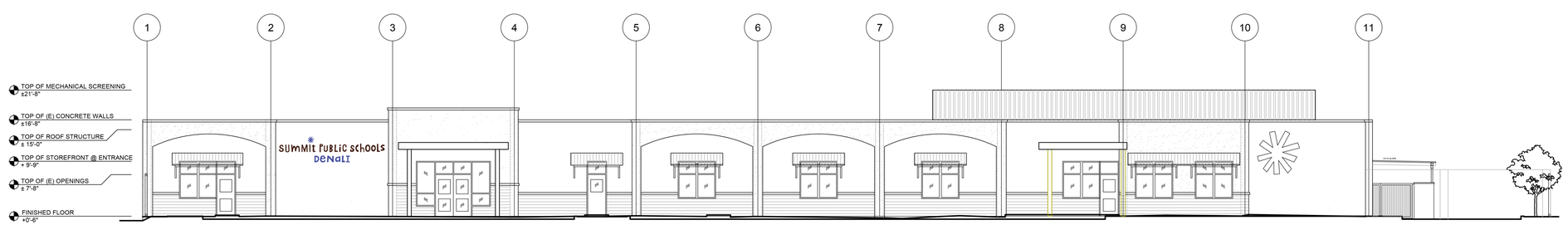
EXTERIOR ELEVATION - SOUTH



EXTERIOR ELEVATION - EAST



EXTERIOR ELEVATION - NORTH



EXTERIOR ELEVATION - WEST - OPTION 3a

1 EXTERIOR ELEVATIONS 1"=10'-0"

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Legend

- CLEAN (E) CONCRETE WALL, SKIM COAT AND 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
2	Planning Resubmittal (PRC #2)	06.06.18
3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal (PRC #3)	09.19.18
5	Planning Resubmittal (PRC #4)	10.22.18

Drawing Title

PROPOSED EXTERIOR ELEVATIONS

Regulatory Agency Approval

Architect Seal

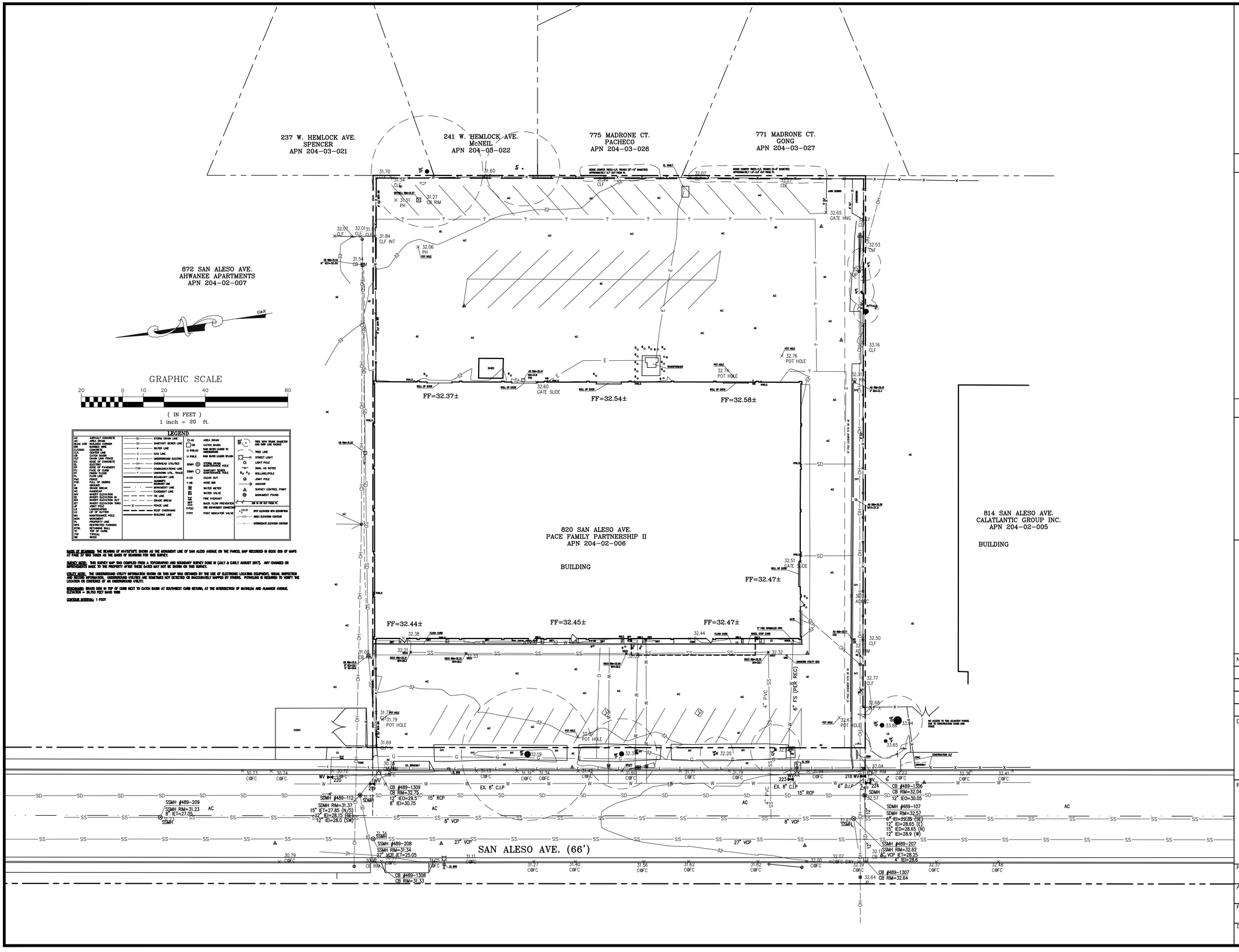
File Number -

Application Number -

Project No. 128197

Date 12.01.17

Drawing No A6.11



BASIS OF BEARINGS: THE BEARING OF N14°57'00"E, SHOWN AS THE MONUMENT LINE OF SAN ALESO AVENUE ON THE PARCEL MAP RECORDED IN BOOK 509 OF MAPS AT PAGE 27 WAS TAKEN AS THE BASIS OF BEARINGS FOR THIS SURVEY.

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

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

BENCHMARK: BRASS DISK IN TOP OF CURB NEXT TO CATCH BASIN AT SOUTHWEST CURB RETURN, AT THE INTERSECTION OF MATILDA AND ALMANOR AVENUE. ELEVATION = 36.753 FEET NAVD 1929

CONTOUR INTERVAL: 1 FOOT

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Fax 408.224.9891
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Legend

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

PROJECT: J17074 DATE PLOT: 10-16-2018

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
Exp. 3-31-20
No. 42857
CIVIL
STATE OF CALIFORNIA

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
1	Planning Resubmittal	03.13.18
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3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal	09.19.18

Drawing Title

SITE TOPOGRAPHIC SURVEY

Regulatory Agency Approval

Architect Seal

File Number
-

Application Number
-

Project No.
128197

Date
12.01.17

Drawing No
CO

ABANDONMENT NOTES:

SEWERS:

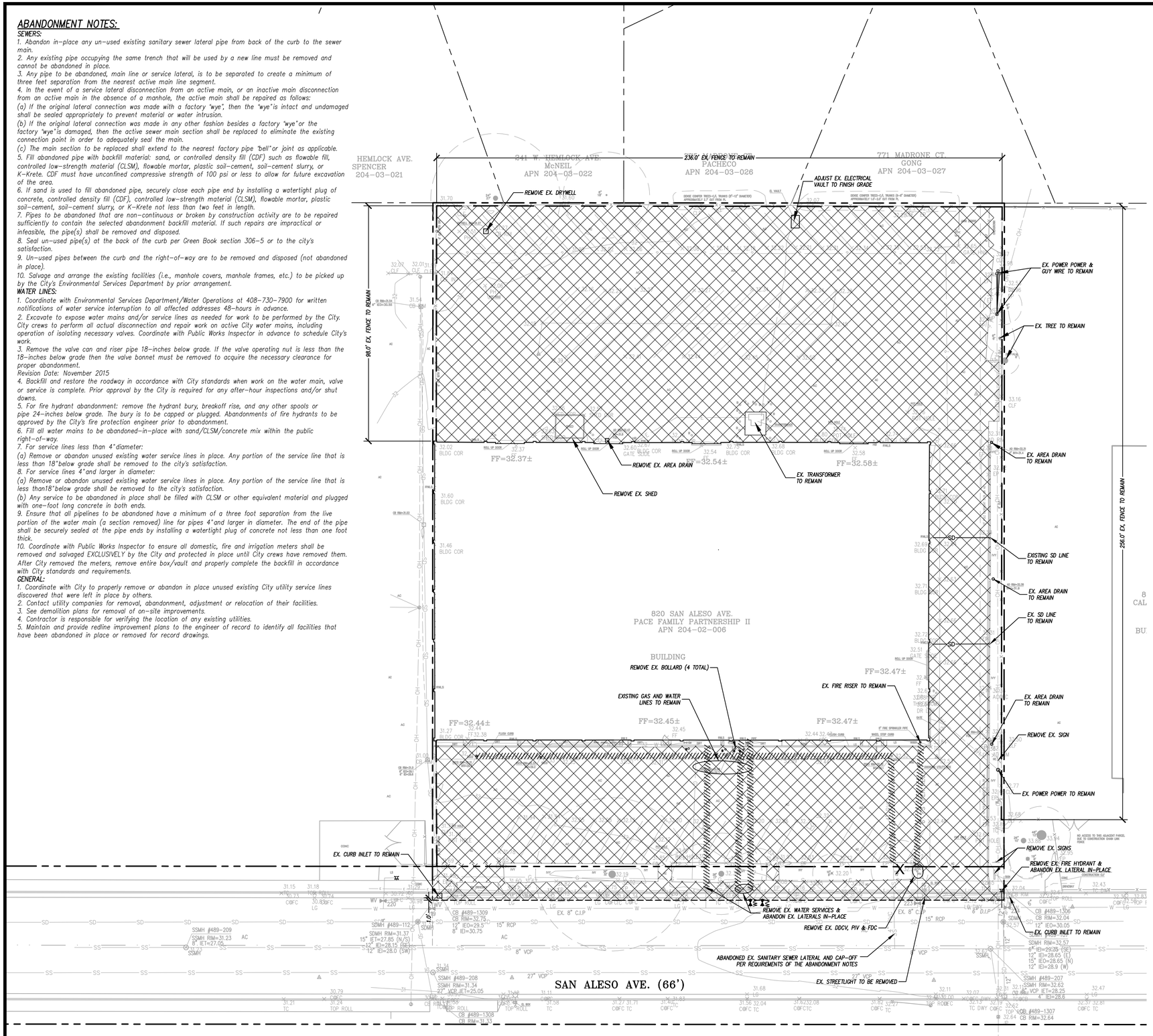
1. Abandon in-place any un-used existing sanitary sewer lateral pipe from back of the curb to the sewer main.
2. Any existing pipe occupying the same trench that will be used by a new line must be removed and cannot be abandoned in place.
3. Any pipe to be abandoned, main line or service lateral, is 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 can 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.
Revision Date: November 2015
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.
8. 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 than18"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
X	REMOVE EXISTING TREE
XXXXXXXXXXXXXXXX	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

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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Legend

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

PROJECT: J17074 DATE PLOT: 10-16-2018

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
Exp. 3-31-20
No. 42857
CIVIL
STATE OF CALIFORNIA

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
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 DEMOLITION PLAN

Regulatory Agency Approval

Architect Seal

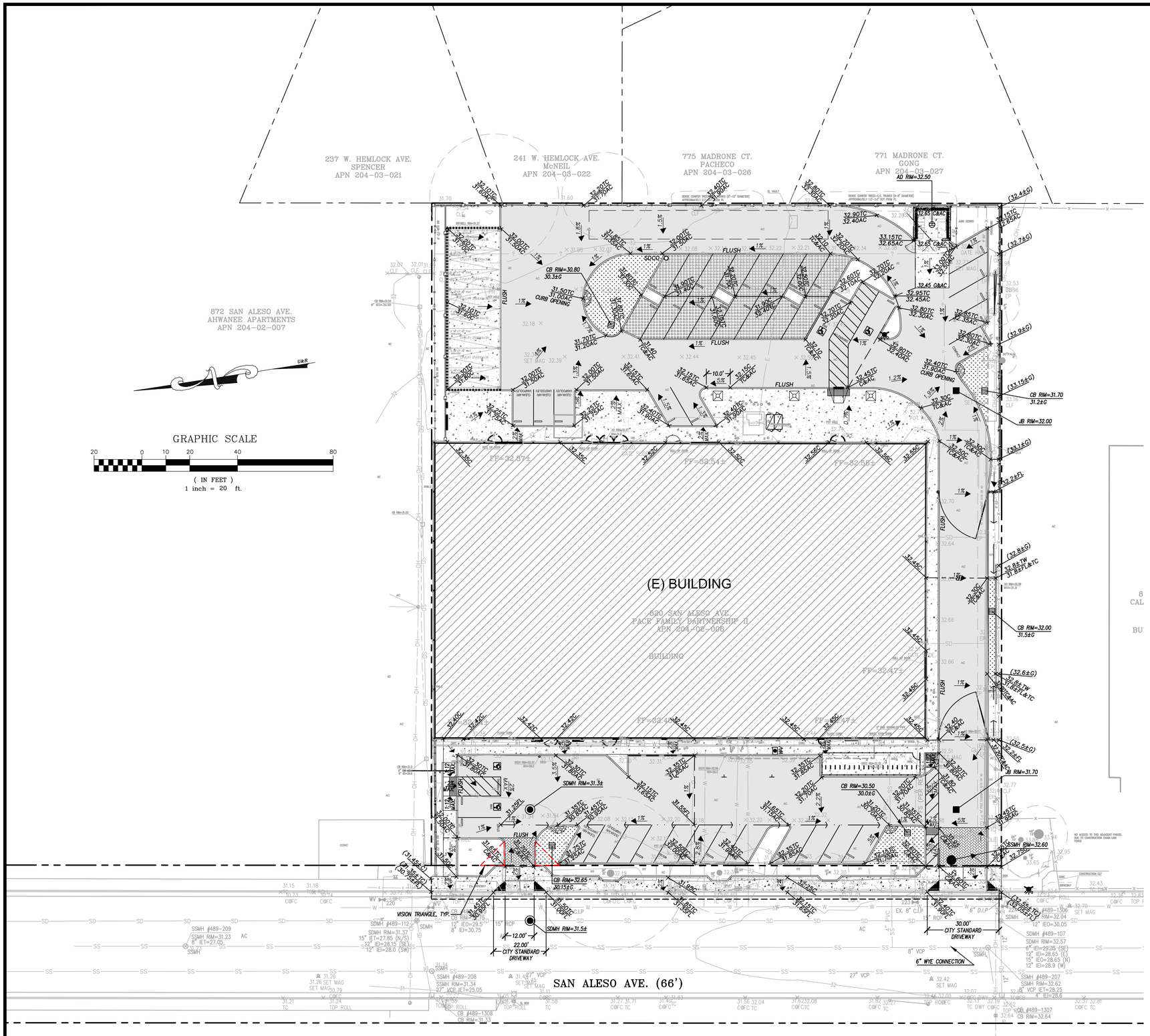
File Number
-

Application Number
-

Project No.
128197

Date
12.01.17

Drawing No
C1



GENERAL NOTES

1. THE CONTRACTOR SHALL LAY OUT THE WORK, SETTING GRADESTAKES, ESTABLISHING LINES, BASE LINES, ELEVATIONS AND OTHER REFERENCE MARKERS AND INFORMATION NECESSARY TO COMPLETE THE WORK AND SHALL BE RESPONSIBLE FOR THE ACCURACY THEREOF.

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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.

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

GRADING & PAVING LEGEND

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

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Legend

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PROJECT: J17074 DATE PLOT: 10-16-2018

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
Exp. 3-31-20
No. 42857
CIVIL
STATE OF CALIFORNIA

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
1	Planning Resubmittal	03.13.18
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4	Planning Resubmittal	09.19.18

Drawing Title

GRADING & PAVING PLAN

Regulatory Agency Approval

Architect Seal

File Number
-

Application Number
-

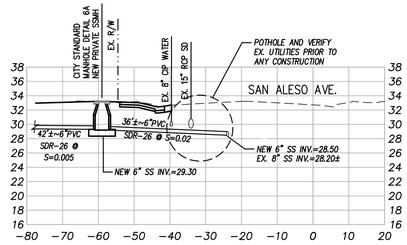
Project No.
128197

Date
12.01.17

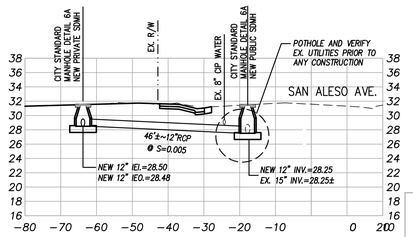
Drawing No
C2

CITY OF SUNNYVALE
REQUIRED NOTES FOR SANITARY SEWER SYSTEMS CONSTRUCTION PLANS

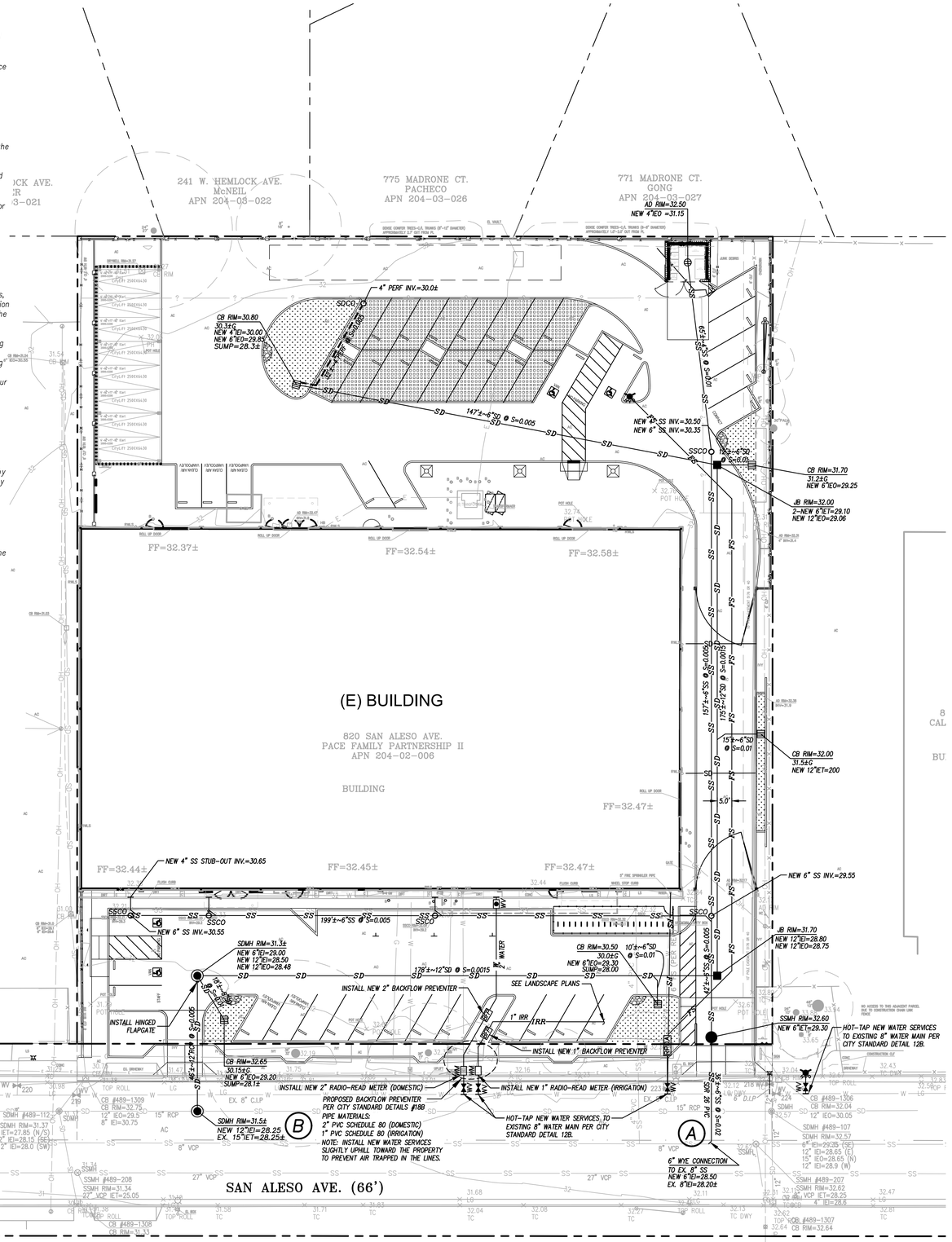
1. All work shall be in accordance with the most recent editions of the City of Sunnyvale Standards; and Standard Specifications for Public Works Construction (SSPWC) (Greenbook) and Supplemental Amendments, most current editions.
2. The Contractor must secure approval from the City prior to backfill over any sewer line. 24 hour advanced notice required.
3. No revisions shall be made to these plans without the approval of the City.
4. No disruption to existing sewer services shall be allowed during connections to existing mains without the expressed approval of the City.
5. 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).
6. Potholing location and elevation of existing sewer facilities shall be confirmed by field measurements and excavation exploration by the Contractor, in the presence of the City after a two (2) working day notice prior to the beginning of new work. This shall allow time to permit revision of plans, as necessary, because of conflicts with other facilities.
7. 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.
8. 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.
9. All sewer lateral connections shall be placed prior to surfacing of streets and other surface restorations.
10. All new and rehabilitated manholes are to be coated in accordance with the City Standard Specifications and Details.
11. All manhole covers for public sewer systems shall be manufactured with "SANITARY SEWER" stamped on top of the manhole covers.
12. 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 TELEVISING SEWER MAINS in the City Design Standards.
13. All sewer mains shall pass a 95 percent mandrel test and air pressure test per the manufacturer's requirements, prior to street paving, but after all other utilities have been completed, backfilled, tested, and testing certified compaction approved.
14. Plastic sewer pipe shall be bedded in strict accordance with City of Sunnyvale Standard Drawing 16A-1. Bedding shall remain undisturbed by subsequent construction.
15. 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.
16. 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.
17. 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.
18. 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.
19. The inside and outside of the pipe shall be clean and free from foreign material of any kind before being installed.
20. Three (3) inch minimum width green color coded (per USA Mark Out System) detectable tape marked "SEWER" in 1-½ 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.
21. 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.



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



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



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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.

7. 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.

8. UTILITY POINTS OF CONNECTION ARE 5' OUTSIDE OF BUILDING. SEE MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY CONNECTION.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF LOCATIONS OF ALL EXISTING UTILITIES IN THE FIELD.

10. 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.

PLUMBING LEGEND

	BIO-RETENTION (1&2 / C3.1)
	NEW PERVIOUS CONCRETE (18 / C6)
	NEW STORM DRAIN SIZE AND SLOPE AS INDICATED
	NEW RAIN WATER LEADER @ S=0.02 MIN. SIZE AND SLOPE AS INDICATED
SS	NEW SANITARY SEWER (SIZE AS INDICATED) S=0.01 UNLESS OTHERWISE INDICATED
W	NEW WATER LINE (SIZE AS INDICATED)
FS	NEW FIRE SERVICE LINE (SEE SHEET C4)
	NEW PVC SUBDRAIN (SIZE AS INDICATED)
G	NEW GAS LINE (SEE MECHANICAL DRAWINGS)
E	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
RWL	RAIN WATER LEADER
COTG/SDCO/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., EXIST.	EXISTING
FF	FINISH FLOOR
HDPE	HIGH DENSITY POLYETHYLENE PIPE
INV	INVERT ELEVATION
IEI	INVERT ELEVATION IN
IEO	INVERT ELEVATION OUT
IET	INVERT ELEVATION THROUGH
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
SS	SANITARY SEWER
SD	STORM DRAIN
TYP.	TYPICAL
W, DW	DOMESTIC WATER

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.

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Legend

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PROJECT: J17074 DATE PLOT: 10-16-2018

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
Exp. 3-31-20
No. 42857
CIVIL
STATE OF CALIFORNIA

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
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4	Planning Resubmittal	09.19.18

Drawing Title

SITE PLUMBING PLAN

Regulatory Agency Approval

Architect Seal

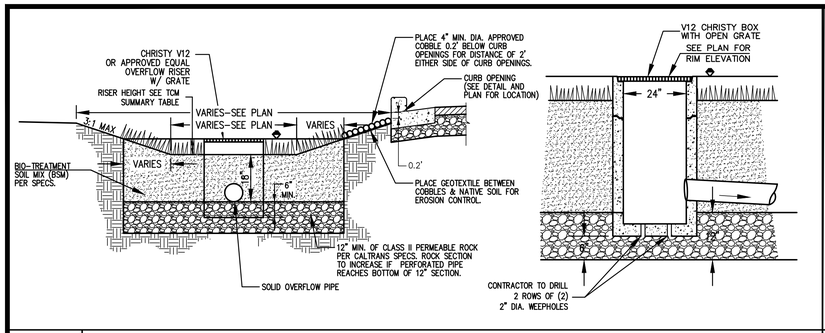
File Number -

Application Number -

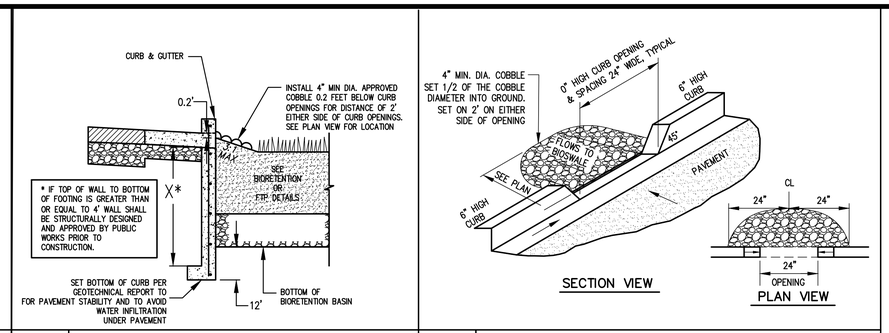
Project No. 128197

Date 12.01.17

Drawing No C3.0



1 BIORETENTION BASIN W/O LINER N.T.S.



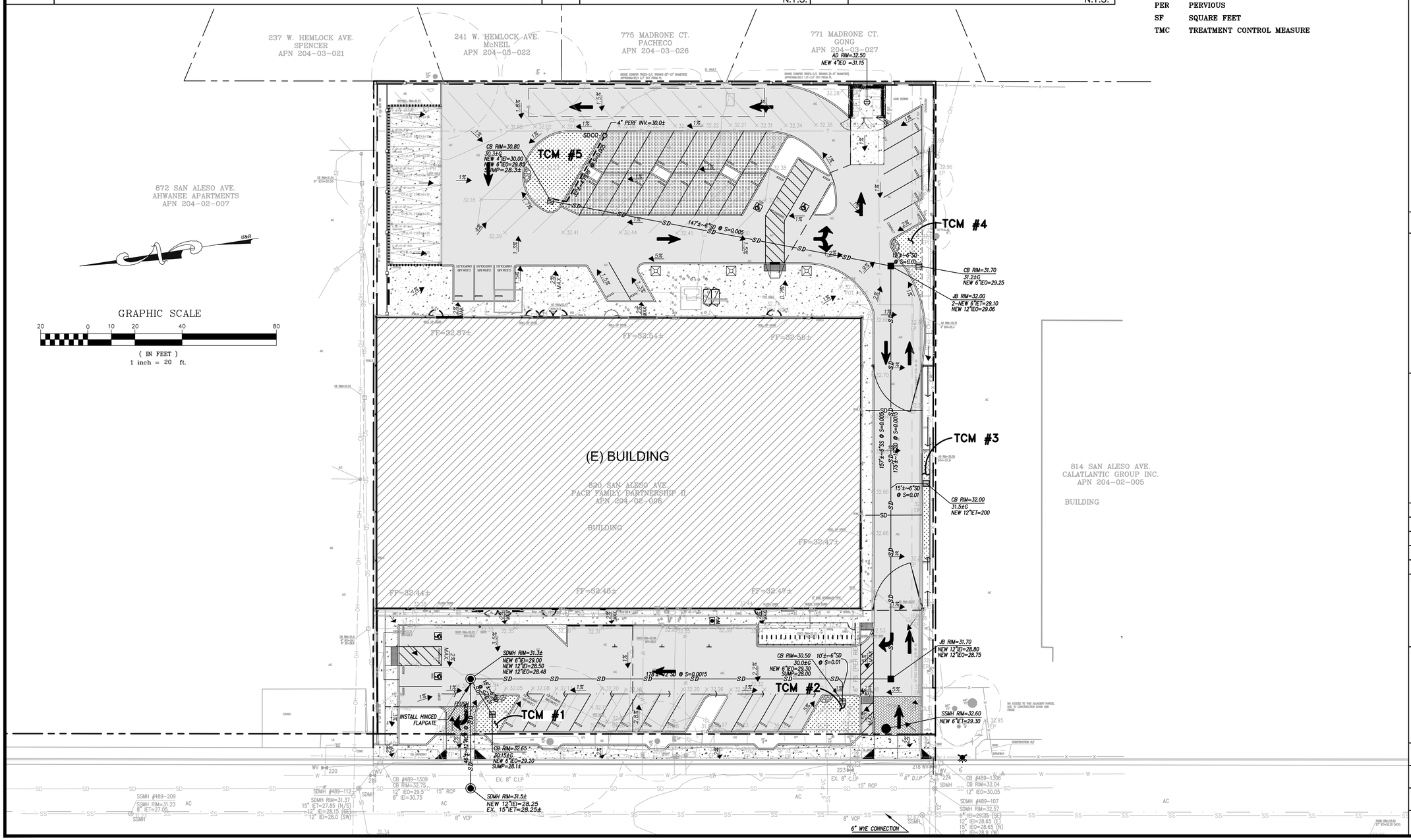
2 CURB ADJACENT TO BIORETENTION N.T.S.

3 CURB OPENING DETAIL N.T.S.

LEGEND & ABBREVIATION

- TCM # — BIO-RETENTION – INFILTRATION ALLOWED (1–2)
- NEW CAR LIFT CONCRETE SLAB – THICKENED SECTION (6" REINFORCED PCC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- NEW CONCRETE SLAB (4" REINFORCED PCC ON 4" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (90%))
- 3" ON 6" — NEW AC PAVEMENT (3" AC ON 6" CLASS 2 AB ON 6" RECOMPACTED SUBGRADE (95%))
- NEW PERVIOUS CONCRETE (18 / C6)
- NEW PERVIOUS CONCRETE PAVER (SEE ARCHITECTURAL PLANS)

IMP	IMPERVIOUS
PER	PERVIOUS
SF	SQUARE FEET
TMC	TREATMENT CONTROL MEASURE



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PROJECT: J17074 DATE PLOT: 10-16-2018

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Key Plan

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Drawing Title

SITE STORMWATER CONTROL PLAN

Regulatory Agency Approval

Architect Seal

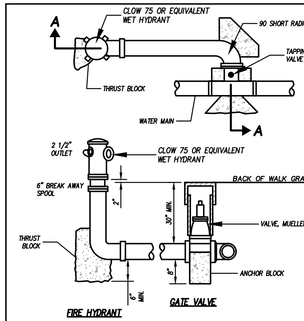
File Number: -

Application Number: -

Project No.: 128197

Date: 12.01.17

Drawing No: C3.1

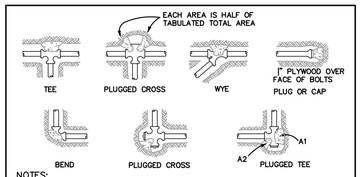


SECTION A–A

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

ON-SITE FIRE HYDRANT ASSEMBLY

NTS



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 ENCIRCLED ON THE PLANS; e.g. (15) 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.

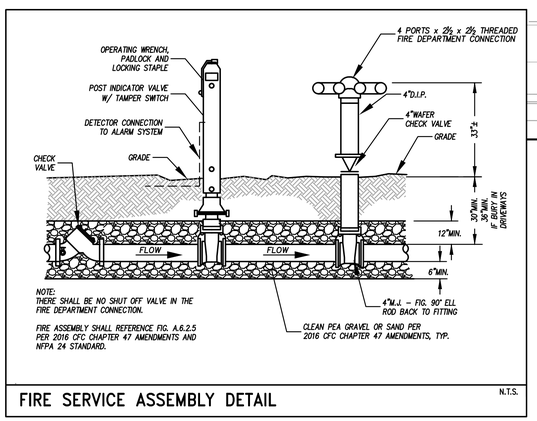
BEARING AREA OF THRUST BLOCKS IN SQ. FT.

FITTING SIZE	TEE, WYE, PLUG, OR CAP	90° BEND PLUGGED CROSS	TEE PLUGGED ON RUN		45° BEND	22.5° BEND	11.25° BEND
			A1	A2			
4	1.0	1.4	1.9	1.4	1.0	--	--
6	2.1	3.0	4.3	3.0	1.6	1.0	--
8	3.8	5.3	7.6	5.4	2.9	1.5	1.0
10	5.9	8.4	11.8	8.4	4.6	2.4	1.2
12	8.5	12.0	17.0	12.0	6.6	3.4	1.7
14	11.5	16.3	23.0	16.3	8.9	4.6	2.3
16	15.0	21.3	30.0	21.3	11.6	6.0	3.0
18	19.0	27.0	38.0	27.0	14.6	7.6	3.8
20	23.5	33.3	47.0	33.3	18.1	9.4	4.7
24	34.0	48.0	68.0	48.0	26.2	13.6	6.8

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).

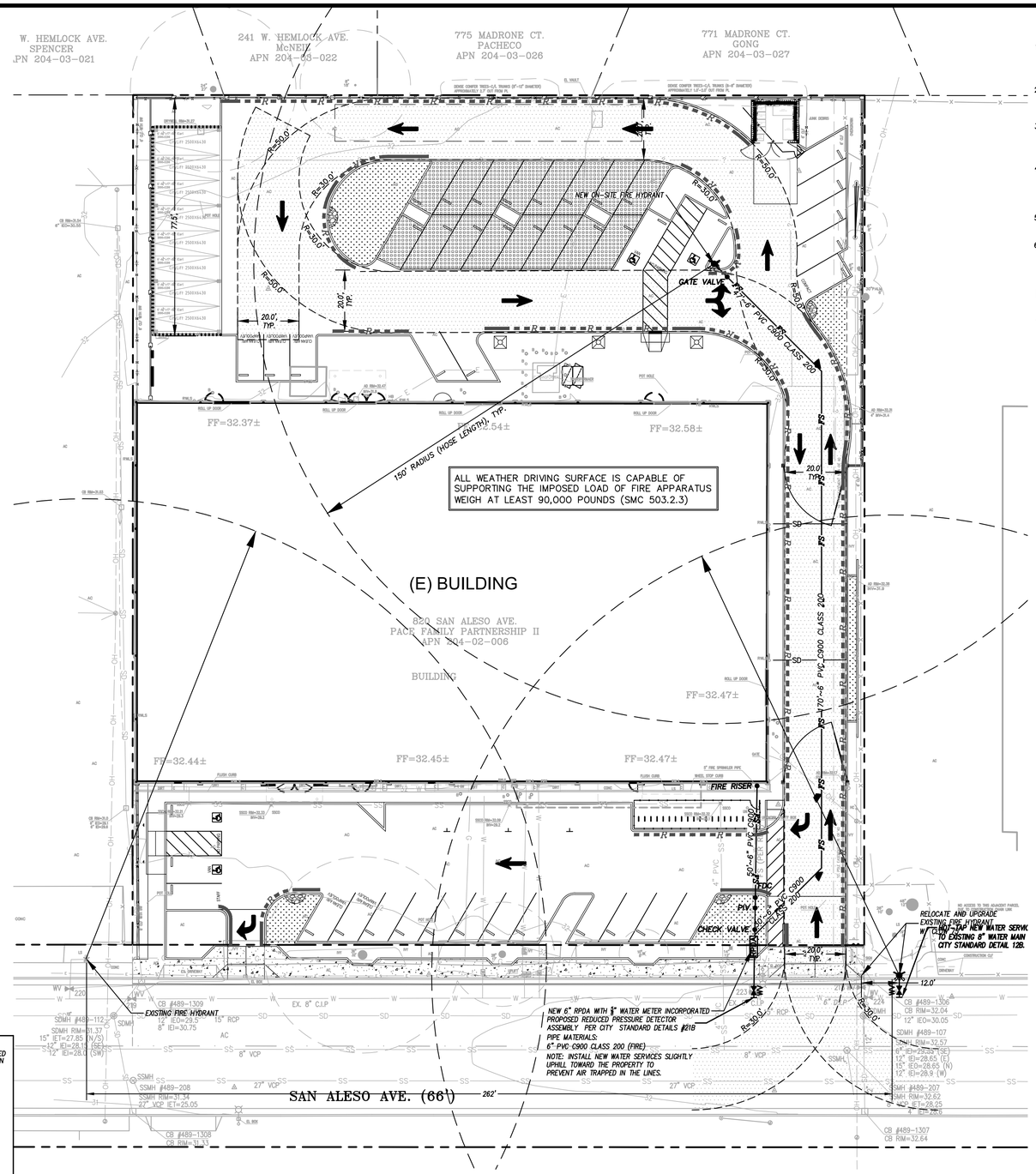
THRUST BLOCK DETAIL

NTS



FIRE SERVICE ASSEMBLY DETAIL

N.T.S.



GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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UNDERGROUND FIRE SERVICE TO FIRE HYDRANTS REQUIREMENTS:

NFPA 24 SEC. 4.1 THE UNDERGROUND FIRE SERVICE PLANS SHALL BE DRAWN TO SCALE AND SHALL INCLUDE ALL ESSENTIAL DETAILS, SUCH AS:

A) SIZE AND LOCATION OF ALL WATER SUPPLIES.
B) SIZE AND LOCATION OF ALL PIPING, INDICATING, WHERE POSSIBLE, THE CLASS AND TYPE AND DEPTH OF EXISTING PIPE, THE CLASS AND TYPE OF NEW PIPE TO BE INSTALLED, AND THE DEPTH TO WHICH IT IS TO BE BURIED.
C) SIZE, TYPE, AND LOCATION OF VALVES. INDICATE IF LOCATED IN PIT OR IF OPERATION IS BY POST INDICATOR OR KEY WRENCH THROUGH A CURB BOX. INDICATE THE SIZE, TYPE, AND LOCATION OF METERS, REGULATORS, AND CHECK VALVES.
D) SIZE AND LOCATION OF HYDRANTS, SHOWING SIZE AND NUMBER OF OUTLETS AND IF OUTLETS ARE TO BE EQUIPPED WITH INDEPENDENT GATE VALVES.
E) SPRINKLER AND STANDPIPE RISERS TO BE SUPPLIED BY THE SYSTEM.
F) LOCATION OF FIRE DEPARTMENT CONNECTIONS, IF PART OF PRIVATE FIRE SERVICE MAIN SYSTEM, INCLUDING DETAIL OF CONNECTIONS.

NFPA 24 SEC. 10.1 ALL FERROUS METAL PIPE SHALL BE LINED, AND STEEL PIPE SHALL BE COATED AND WRAPPED WITH JOINTS FIELD–COATED AND WRAPPED AFTER ASSEMBLY. FOR BURIED PIPE, GALVANIZING, INTERNALLY OR EXTERNALLY DOES NOT MEET THE REQUIREMENTS OF THIS SECTION.

NFPA 24 SEC. 10.3.5.2 ALL BOLTED JOINT ACCESSORIES SHALL BE CLEANED AND THOROUGHLY COATED WITH ASPHALT OR OTHER CORROSION–RETARDING MATERIAL AFTER INSTALLATION.

NFPA 24 SEC. 10.8.3.5 AFTER INSTALLATION, RODS, NUTS, BOLTS, WASHERS, CLAMPS, AND OTHER RESTRAINING DEVICES 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 9–1.1 TO PRODUCE A VELOCITY OF 10 FT. PER SECOND IN PIPES. (WITNESSED BY THE INSPECTOR OF RECORD)

NFPA 24 SEC. 10.10.2.2 ALL NEW PRIVATE UNDERGROUND FIRE SERVICE MAINS SHALL BE RESTED HYDROSTATICALLY AT NOT LESS THE 200–PSI PRESSURE FOR A MINIMUM OF TWO HOURS. (WITNESSED BY THE INSPECTOR OF RECORD)

NFPA 24 SEC. 10.10.1 BEFORE ASKING FINAL APPROVAL OF AN INSTALLATION BY THE INSPECTOR OF RECORD, THE INSTALLING COMPANY SHALL FURNISH A CONTRACTOR'S MATERIAL AND TEST CERTIFICATE TO BE SUBMITTED TO DSA. A TYPICAL CERTIFICATE IS SHOWN IN FIGURE 10.10.1. THIS FORM SHALL BE GIVEN TO THE INSPECTOR OF RECORD (IOR) WHO WILL TURN–IN FOR DSA RECORDS.

NFPA 24 SEC. 10.4 THE DEPTH OF COVER OVER WATER PIPES SHALL BE NOT LESS THAN 2 1/2 FT. TO PREVENT MECHANICAL DAMAGE AND SHALL BE BURIED A MINIMUM OF 3 FT. OVER DRIVEWAYS.

NFPA 24 SEC. 10.6.1 PIPE SHALL NOT BE RUN UNDER BUILDINGS.

*** DESIGN & INSTALLATION TO COMPLY WITH 2013 NFPA 24.**

THE FOLLOWING SECTIONS OF THE STANDARD SITEWORK 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
—OH—	EXISTING OVERHEAD UTILITIES
— — R — —	PAINT CURB RED (NO PARKING FIRE LANE)

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San Jose, CA 95111
Phone 408.224.9890
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www.ArtikA3.com

Legend

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

PROJECT: J17074 DATE PLOT: 10–16–2018

REGISTERED PROFESSIONAL ENGINEER FRANK M. ROSENBLUM Exp. 3-31-20 No. 42857 CIVIL STATE OF CALIFORNIA

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
1	Planning Resubmittal	03.13.18
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3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal	09.19.18

Drawing Title

SITE FIRE SERVICE PLAN

Regulatory Agency Approval

Architect Seal

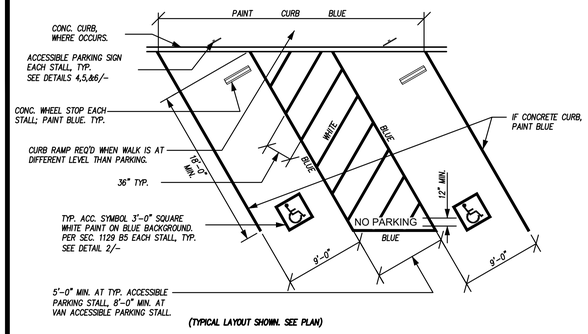
File Number -

Application Number -

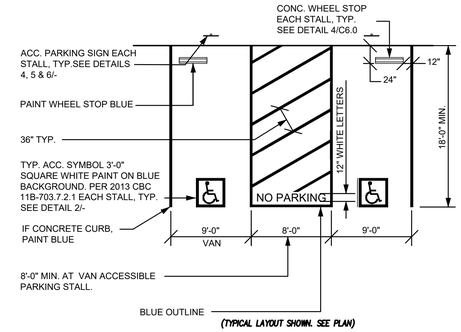
Project No. 128197

Date 12.01.17

Drawing No C4.0



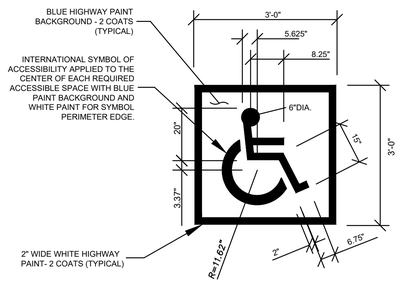
(TYPICAL LAYOUT SHOWN. SEE PLAN)



(TYPICAL LAYOUT SHOWN. SEE PLAN)

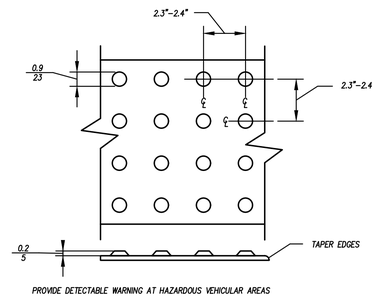
1 ACCESSIBLE PARKING STALL DETAILS

Scale: 1/8" = 1'-0"
ADA



2 ACCESSIBILITY SYMBOL

N.T.S.
ADA

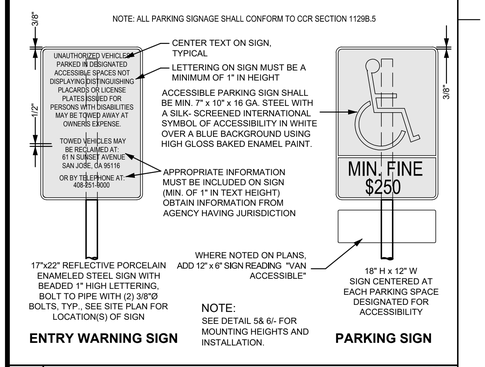


PROVIDE DETECTABLE WARNING AT HAZARDOUS VEHICULAR AREAS

CBC 11B-705.1.2.5

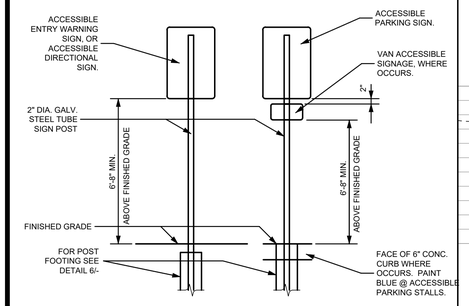
3 TRUCATED DOMES

N.T.S.
ADA



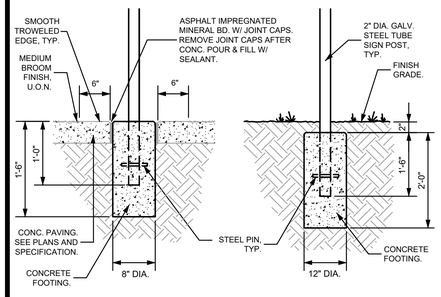
4 ACCESSIBILITY PARKING SIGNS

N.T.S.
ADA



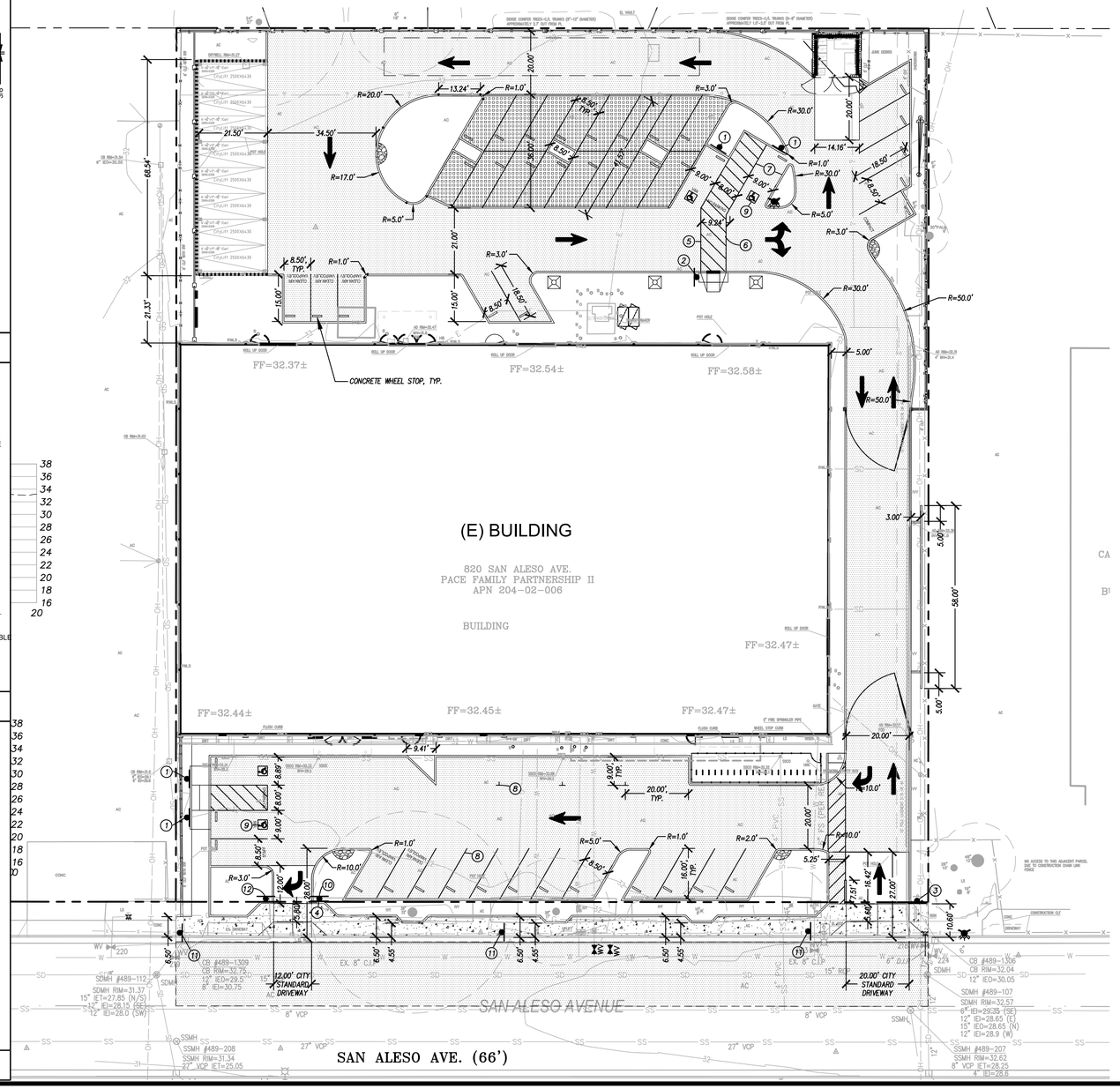
5 SITE SIGN MOUNTING DETAILS

N.T.S.
ADA



6 SITE SIGN FOOTING DETAILS

N.T.S.
ADA



GENERAL NOTES

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

LEGEND

- TYPE II SLURRY SEAL ON-SITE AND OFF-SITE
- R — RED PAINTED CURB OR STRIPE (NO PARKING)
- BLUE CURB (ACCESSIBILITY ZONE)
- W — WHITE CURB (PASSENGER LOADING ZONE)

KEY NOTES

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

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

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San Jose, CA 95111
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Legend

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PROJECT: J17074 DATE PLOT: 10-16-2018

REGISTERED PROFESSIONAL ENGINEER FRANK M. ROSENBLUM Exp. 3-31-20 No. 42857 CIVIL STATE OF CALIFORNIA

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
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3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal	09.19.18

Drawing Title

SIGNAGE, STRIPING, AND DIMENSION PLAN

Regulatory Agency Approval

Architect Seal

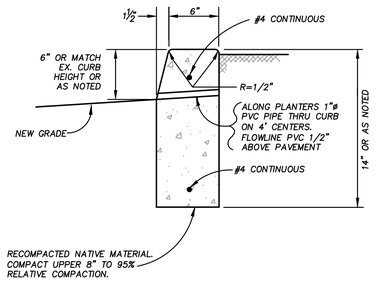
File Number -

Application Number -

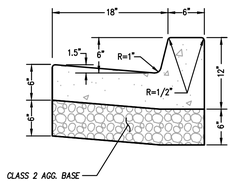
Project No. 128197

Date 12.01.17

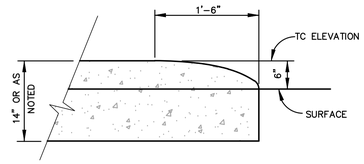
Drawing No C5



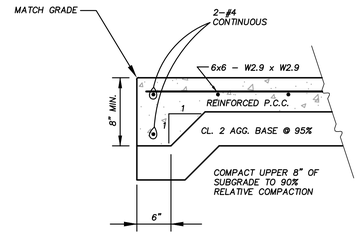
VERTICAL CURB DETAIL | 1



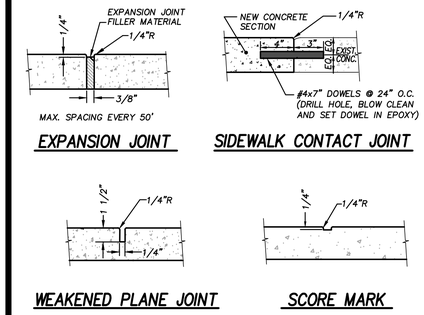
CURB & GUTTER DETAIL | 2



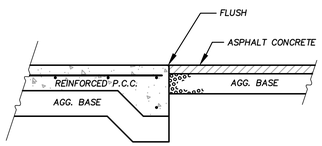
CURB TRANSITION DETAIL | 3



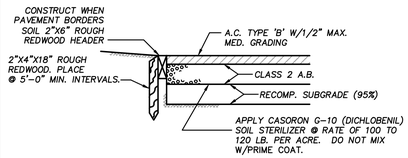
CONCRETE EDGE DETAIL | 4



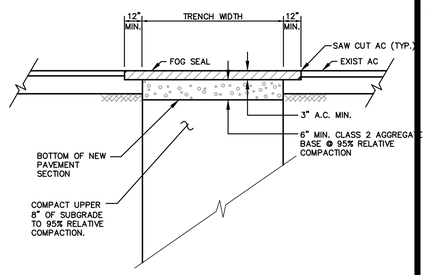
JOINTS DETAIL | 5



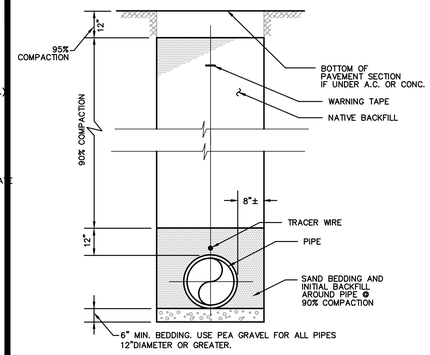
CONCRETE TO ASPHALT TRANSITION | 6



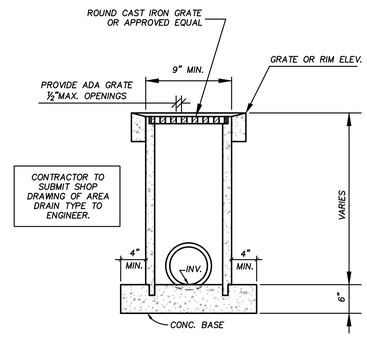
HEADERBOARD & AC PAVING | 7



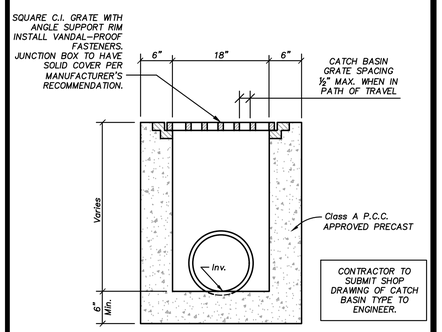
AC SURFACE TRENCH REPAIR | 8



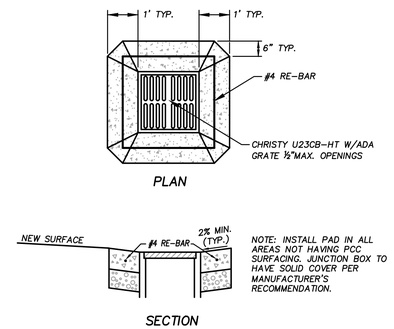
TRENCH BACKFILL DETAIL | 9



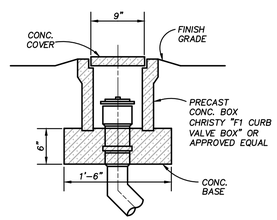
AREA DRAIN DETAIL | 10



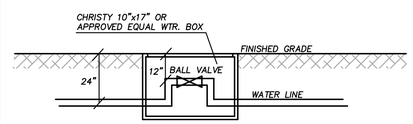
CATCH BASIN/JUNCTION BOX | 11



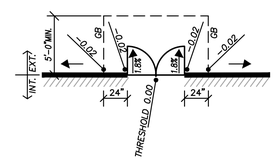
CATCH BASIN PAD DETAIL | 12



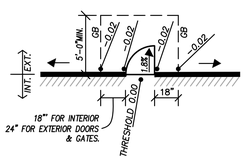
CLEANOUT DETAIL | 13



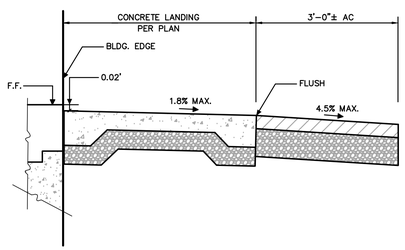
WATER VALVE BOX INSTALLATION | 14



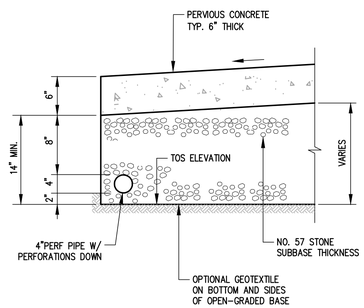
THRESHOLD-DOUBLE DOOR | 15



THRESHOLD-SINGLE DOOR | 16

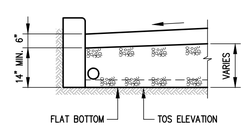


DOORWAY LANDING DETAIL | 17



PERVIOUS MATERIAL DESIGN CRITERIA NOTES:

I) DESIGN SHALL BE REVIEWED AND APPROVED BY A LICENSED GEOTECHNICAL ENGINEER AND THE MORE CONSERVATIVE DESIGN SHALL GOVERN.
II) DESIGN FOR PERVIOUS CONCRETE PAVEMENT SHALL BE REVIEWED BY THE CONCRETE MANUFACTURER AND THE NATIONAL READY MIXED CONCRETE ASSOCIATION (NRMCA). A REPORT OF THE SUITABILITY OF THE DESIGN SHALL BE GIVEN TO THE PROJECT ENGINEER PRIOR TO PLACEMENT OF THE CONCRETE.
III) INSTALLATION OF PERVIOUS CONCRETE SHALL ONLY BE DONE BY CONTRACTORS WITH CERTIFICATION FROM NRMCA AND SUCH CONTRACTOR SHALL HAVE AT LEAST ONE FOREMAN WITH THIS CERTIFICATION ON THE JOB SITE AT ALL TIMES.
IV) PROTECT EXCAVATED AREA FROM EXCESSIVE COMPACTION DUE TO CONSTRUCTION TRAFFIC AND PROTECT THE FINISHED PAVEMENT FRO CONSTRUCTION TRAFFIC.



PERVIOUS CONCRETE | 18

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Legend

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REGISTERED PROFESSIONAL ENGINEER FRANK M. ROSENBLUM Exp. 3-31-20 No. 42857 CIVIL STATE OF CALIFORNIA

DATE: _____

Key Plan

Project Title

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USE PERMIT APPLICATION

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Drawing Title

CIVIL DETAILS

Regulatory Agency Approval

Architect Seal

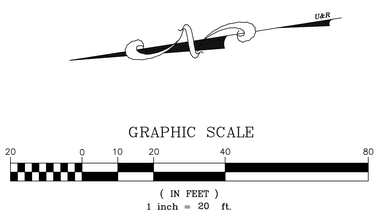
File Number -

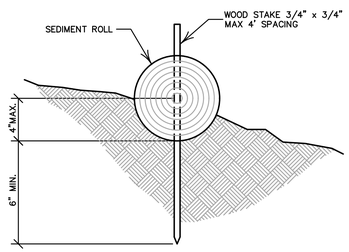
Application Number -

Project No. 128197

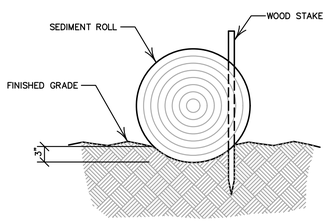
Date 12.01.17

Drawing No C6



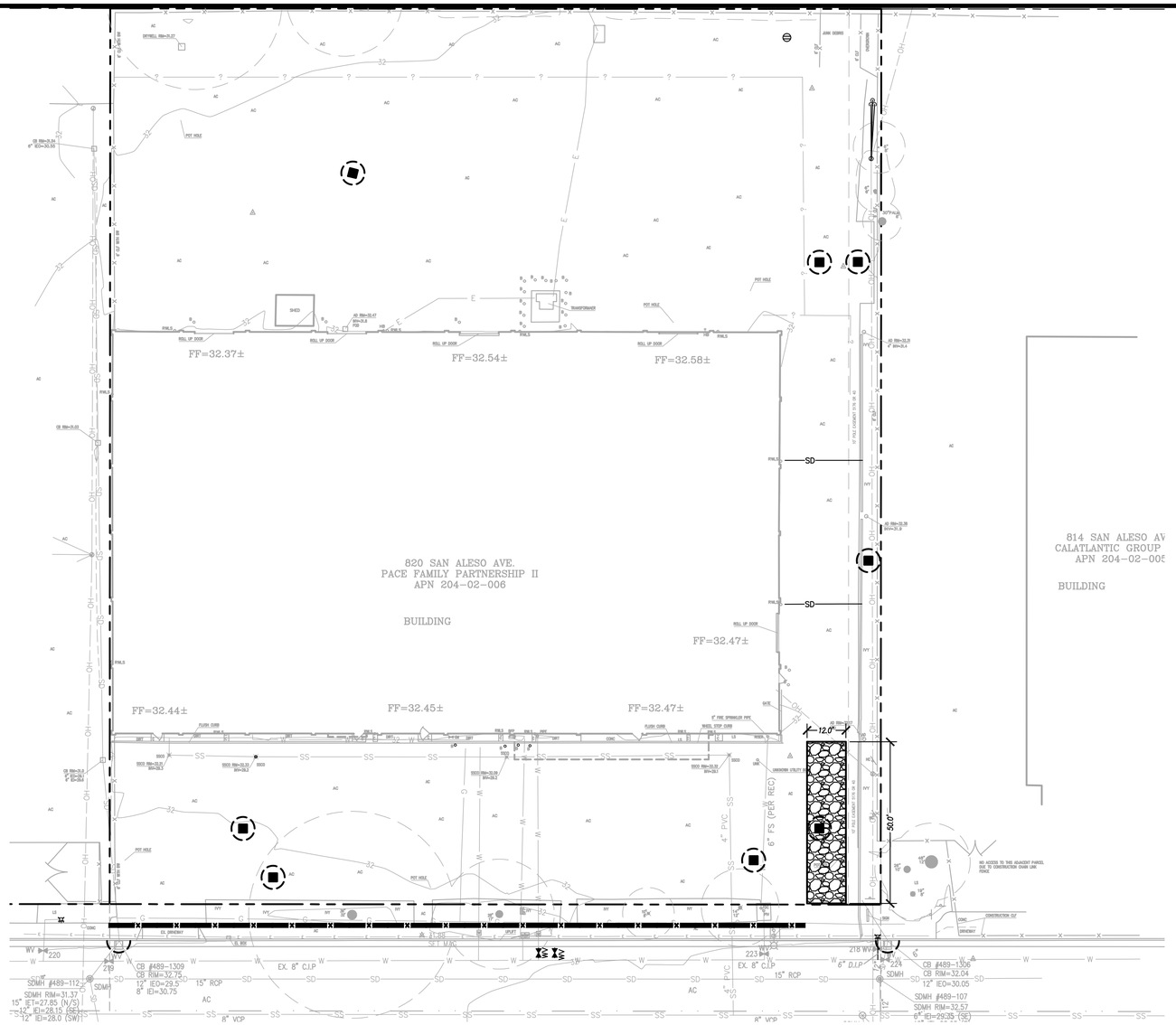


ENTRENCHMENT IN SLOPE AREA



ENTRENCHMENT IN FLAT AREA

SEDIMENT ROLL DETAILS

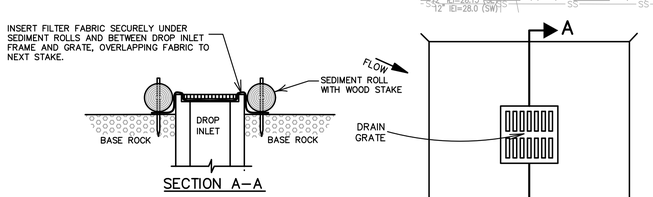


EROSION CONTROL NOTES

1. 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.
2. MAINTENANCE IS TO BE PERFORMED AS FOLLOWS:
   A) REPAIR DAMAGES CAUSED BY SOIL EROSION OR CONSTRUCTION AT THE END OF EACH WORKING DAY.
   B) SWALES SHALL BE INSPECTED PERIODICALLY AND MAINTAINED AS REQUIRED.
   C) STRAW BALE DIKE, BERMS, AND SWALES ARE TO BE INSPECTED AFTER EACH STORM AND REPAIRS ARE TO BE MADE AS NEEDED.
   D) SEDIMENT SHALL BE REMOVED AND SEDIMENT TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN SEDIMENT HAS ACCUMULATED TO WITHIN ONE FOOT OF OUTLET ELEVATION.
   E) SEDIMENT REMOVED FROM TRAP SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. 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.
4. 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.
5. INLETS NOT USED IN CONJUNCTION WITH EROSION CONTROL TO BE BLOCKED UNLESS THE AREA DRAINED IS UNDISTURBED OR STABILIZED.
6. 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.
7. 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.
8. ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AND REPAIRED AT THE END OF EACH WORKING DAY OR DAILY DURING THE RAINY EVENTS.
9. SEDIMENT BASINS SHALL BE CLEANED OUT WHENEVER SEDIMENT REACHES THE SEDIMENT CLEAN OUT LEVEL INDICATED ON THE PLANS.
10. BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF THE DIRECTOR OF PUBLIC WORKS.
11. ALL CUT AND FILL SLOPES ARE TO BE PROTECTED TO PREVENT OVER BANK FLOW.
12. 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.
13. ALL NEW ON–SITE DRAINS IN EXISTING OR PROPOSED AC PAVEMENT AREAS SHALL BE FITTED WITH A "FOSSIL FILTER FLOGARD" SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

EROSION CONTROL LEGEND

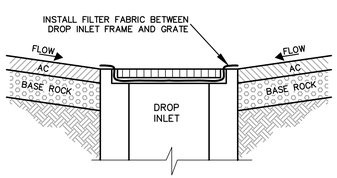
- SEDIMENT ROLL DROP INLET SEDIMENT BARRIER
- CURB INLET SEDIMENT BARRIER
- SEDIMENT BARRIER ROLL
- TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT



SECTION A–A

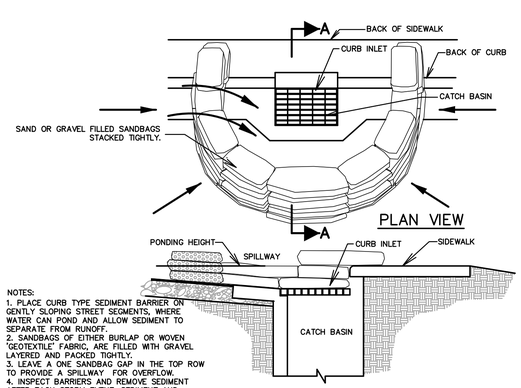
PLAN VIEW

SEDIMENT ROLL DROP INLET SEDIMENT BARRIER



FILTER FABRIC DROP INLET SEDIMENT BARRIER

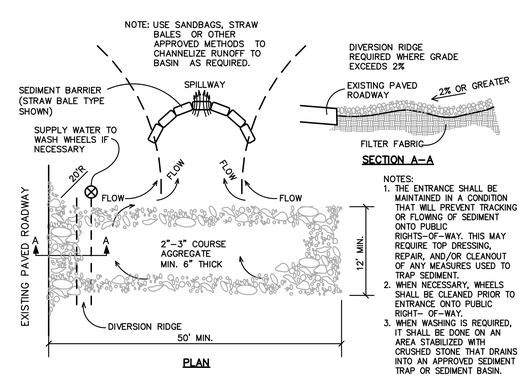
(TO BE IN PLACE FOLLOWING PLACEMENT OF PAVEMENT ADJACENT TO DROP INLET.)



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

SECTION A–A

CURB INLET SEDIMENT BARRIER



SECTION A–A

PLAN

NOTES:
1. 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.
2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT– OF–WAY.
3. 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.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE/EXIT

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

Legend

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

PROJECT: J17074 DATE PLOT: 10–16–2018

REGISTERED PROFESSIONAL ENGINEER
FRANK M. ROSENBLUM
Exp. 3-31-20
No. 42857
CIVIL
STATE OF CALIFORNIA

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
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

EROSION CONTROL PLAN

Regulatory Agency Approval

Architect Seal

File Number -

Application Number -

Project No. 128197

Date 12.01.17

Drawing No C7

SYMBOL LEGEND

- PLAN, DETAIL OR SECTION DESIGNATION.
- 201 — ROOM NUMBER.
- SHEET REFERENCE SYMBOL - SEE ASSOCIATED NOTE ON SAME SHEET.
- FEEDER SCHEDULE SYMBOL.
- MECHANICAL EQUIPMENT TAG.
- INDICATES FIXTURE TYPE

LUMINAIRE SYMBOLS

- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- POLE MOUNTED LUMINAIRE - SEE SCHEDULE.
- POLE MOUNTED LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE - SEE SCHEDULE.
- LUMINAIRE WALL MOUNTED-SEE SCHEDULE.
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EM — EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE - PROVIDE EMERGENCY BATTERY BALLAST
- EMERGENCY LUMINAIRE WALL 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
- a — SINGLE POLE SWITCH, a = CIRCUIT CONTROLLED.
- MOTOR RATED SWITCH
- CEILING MOUNTED OCCUPANCY SENSOR
- WALL MOUNTED OCCUPANCY SENSOR. PROVIDE WITH BI-LEVEL SWITCH, WHERE BI-LEVEL SWITCHING REQUIRED
- CEILING MOUNTED PHOTOCELL SENSOR
- WALL STATION DIMMER SWITCH
- LIGHTING ROOM CONTROLLER (MTD. ABOVE CEILING)
- R — WATTSTOPPER PLUG LOAD RELAY

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

RECEPTACLE SYMBOLS

- DUPLEX RECEPTACLE ON CEILING, NEMA L5-20
- QUAD RECEPTACLE ON CEILING
- CEILING OUTLET COMBINED DATA/PHONE AND RECEPTACLE
- D — DEDICATED DUPLEX RECEPTACLE AT 18" 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 GFCI 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 UON. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.
- SINGLE RECEPTACLE - L5-20, 120 VOLT, SINGLE PHASE AT + 18" AFF UON. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.
- SINGLE RECEPTACLE - L6-30, 208 VOLT, SINGLE PHASE AT + 18" AFF UON. AND NOT LESS THAN 15" FROM BOTTOM OF BOX U.O.N.
- DATA OUTLET, PROVIDE RING AND STRING, VERIFY HEIGHT.
- TV — 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
- J — JUNCTION BOX, WALL OR CEILING MOUNTED
- WP — WEATHERPROOF
- FP — POWER POLE FURNITURE CONNECTION
- FF — BASE FEED FURNITURE CONNECTION
- FLOOR OUTLETS QUAD RECEPTACLE
- 4000 WIREMOLD

POWER DISTRIBUTION SYMBOLS

- PANELBOARD - SURFACE OR FLUSH MOUNTED.
- DISTRIBUTION PANEL
- M — MOTOR
- 60 — UNFUSED DISCONNECT SWITCH - RATING AS INDICATED.
- MAGNETIC STARTER
- 100 — FUSED DISCONNECT SWITCH - SIZE FUSES PER MOTOR MANUFACTURER'S RECOMMENDATIONS. RATING 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.
- NO — CONDUIT - HOME RUN TO PANEL, TERMINAL CABINET, ETC. RUNS MARKED WITH CROSSHATCHES INDICATE NUMBER OF #12 AWG WIRES. CROSSHATCH WITH SUBSCRIPT "G" INDICATES GREEN GROUND WIRE. SIZE CONDUIT ACCORDING TO SPECIFICATIONS AND APPLICABLE CODE. CROSSHATCHES WITH "NO" INDICATES WIRE SIZE OTHER THAN #12'S.
- a — FLEX CONDUIT WITH CONNECTION.
- CONDUIT - STUB UP.
- CONDUIT - STUB DOWN.
- CAPPED CONDUIT.
- CONDUIT CONTINUATION.

POWER DISTRIBUTION SINGLE LINE SYMBOLS

- CIRCUIT BREAKER.
- M — "FS4E" METER W/ CURRENT TRANSFORMER.
- TRANSFORMER.
- NORMALLY OPENED, AUXILIARY CONTACT.
- NORMALLY CLOSED, AUXILIARY CONTACT.

ABBREVIATIONS

A	AMPERE
ABV	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
BLDG	BUILDING
C	CONDUIT
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CD	CANDELAS
CKT	CIRCUIT
CL	CENTER LINE
CLG	CEILING
CO	CONDUIT ONLY
CTR	CENTER
(D)	DEMOLISH
DET	DETAIL
DIM	DIMENSION
DISTR	DISTRIBUTION
DWG	DRAWING
(E)	EXISTING
EM	EMERGENCY
EQPT	EQUIPMENT
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
(F)	FUTURE
FIN	FINISH
FL	FLOOR
G , GND	GROUND
HGT	HEIGHT
HP	HORSEPOWER
IC	INTERCOM
IDF	INTERMEDIATE DISTRIBUTION FRAME
JB	JUNCTION BOX
KAIC	KILOAMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LTG	LIGHTING
MCM	THOUSAND CIRCULAR MILS
MDF	MAIN DISTRIBUTION FRAME
MECH	MECHANICAL
MH	MANHOLE
MTD	MOUNTED
MTG	MOUNTING
(N)	NEW
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NIEC	NOT IN ELECTRICAL CONTRACT
NO	NUMBER/ NORMALLY OPEN
NTS	NOT TO SCALE
O.C.	ON CENTER
P	POLE CIRCUIT BREAKER
PA	PUBLIC ADDRESS
PB	PULL BOX
PF	POWER FACTOR
PH	PHASE
PNL	PANEL
(R)	EXISTING TO BE RELOCATED
REQD	REQUIRED
REQT	REQUIREMENT(S)
RM	ROOM
RSC	RIGID STEEL CONDUIT
SHT	SHEET
SW	SWITCH
SWBD	SWITCHBOARD
TC	TERMINAL CABINET
TEL	TELEPHONE
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLT
W	WATT
WP	WEATHERPROOF
XFMR	TRANSFORMER

SHEET INDEX

E0.1	ELECTRICAL COVER SHEET
E1.0	SITE LIGHTING PLAN
E1.0P	SITE PHOTOMETRIC CALCULATION

GENERAL ELECTRICAL NOTES

1. THE ELECTRICAL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF ELECTRICAL EQUIPMENT, DEVICES AND WIRING.
2. RECEPTACLES, LIGHT SWITCHES, TELEPHONE-DATA OUTLETS AND OTHER RECESSED ELECTRICAL DEVICES THAT ARE SHOWN BACK TO BACK FIRE RATED WALLS SHALL BE SEPARATED HORIZONTALLY BY AT LEAST 24" AND FIRE SEALED. PENETRATIONS AT RATED WALLS SHALL BE MADE WITH CONDUIT SLEEVES WITH END BUSHINGS AND UL LISTED FIRE PUTTY ON BOTH SIDES. SLEEVES BETWEEN ADJACENT BUILDINGS SHALL BE MADE USING LIQUID TIGHT FLEXIBLE CONDUIT.
3. THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF TERMINAL BOXES AND CONDUIT ENTRANCES AGAINST SHOP DRAWINGS AND EQUIPMENT BY OTHER TRADES PRIOR TO INSTALLATION.
4. IN CASE OF CONFLICT BETWEEN ELECTRICAL EQUIPMENT SHOWN ON THE DRAWINGS AND OTHER EQUIPMENT, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING BEFORE PROCEEDING.
5. ALL OUTDOOR DEVICES SHALL BE WEATHERPROOF. CONTRACTOR SHALL PROVIDE ADDITIONAL PULL BOXES WHERE THEY ARE REQUIRED TO MAKE A WORKABLE INSTALLATION. ALL PULL BOXES ABOVE GROUND SHALL BE PAD LOCKABLE.
6. DO NOT ROUTE ANY VIDEO/DATA OR ANY OTHER SIGNAL SYSTEM VIA POWER BOXES.
7. USE OF RIGID THREADED CONDUIT IS REQUIRED IN ALL LOCATIONS EXPOSED TO PHYSICAL DAMAGE.
8. MINIMUM UNDERGROUND CONDUIT SIZE SHALL BE 1".
9. COORDINATE EXACT LOCATION OF HVAC UNITS AND CONFIRM UNIT NAMEPLATE PRIOR TO ROUGH-IN.
10. PROVIDE A CODE SIZED GROUND WIRE IN ALL CONDUIT RUN.
11. VERIFY MOUNTING HEIGHTS TO ALL RECEPTACLES MOUNTED ABOVE COUNTERS.
12. PROVIDE PANEL LEGENDS TO ALL NEW PANELBOARDS.
13. PROVIDE "STICK-ON" LABEL TO ALL RECEPTACLES, LIGHT SWITCHES, DISCONNECT SWITCHES, PANELBOARDS WITH PANELBOARD CIRCUIT DESIGNATION.
14. ALL INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE AND THE NATIONAL ELECTRICAL CODE.
15. PROVIDE ALL FINAL ELECTRICAL CONNECTION TO ALL EQUIPMENT REQUIRING ELECTRICAL CONNECTION.
16. 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.
17. PROVIDE ADDITIONAL SUPPORTS FOR SWITCHES, STARTERS, RACEWAYS AND ELECTRICAL EQUIPMENT WHEREVER THE BUILDING STRUCTURE IS NO SUITABLE FOR DIRECT MOUNTING.
18. REFER TO MECHANICAL DRAWINGS FOR EXACT CONTROL WIRING REQUIREMENTS AND MECHANICAL EQUIPMENT LOCATIONS AND CONNECTIONS.
19. ALL EQUIPMENT SHALL BE LISTED BY A NATIONALLY RECOGNIZED TESTING LABORATORY AND PROPERLY LABELED.

POWER AND SIGNAL NOTES

1. 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.
2. CONTRACTOR SHALL COORDINATE TELEPHONE AND DATA SYSTEM POWER AND DISTRIBUTION REQUIREMENTS WITH THE TENANT. PROVIDE EXTENSION RINGS AND PULL STRINGS TO CEILING PLENUM FOR BOTH TELEPHONE AND DATA LINES. ACTUAL SUPPORT, PULLING, AND CABLE TERMINATIONS SHALL BE N.I.C. UNLESS OTHERWISE NOTED. ALL EXPOSED CABLE IN CEILING PLENUM SHALL BE TEFLON COATED OR IN CONDUIT. BUNDLE LARGE CABLE GROUPINGS AND SUPPORT INDEPENDENTLY OF SUSPENDED CEILING.
3. MULTIPLE SWITCHES OR OUTLETS OF SIMILAR TYPE WHETHER NEW OR EXISTING SHALL BE GANGED TOGETHER IN SINGLE WALL PLATES.
4. ALL NEW OUTLETS ARE TO BE MOUNTED AT 15" FROM BOTTOM OF BOX A.F.F. UNLESS OTHERWISE NOTED.
5. ALL NEW SWITCHES ARE TO BE MOUNTED AT 48" TO TOP OF BOX A.F.F. UNLESS OTHERWISE NOTED.
6. DIMENSIONS ARE TO BE CENTERLINE OF FIXTURE OR GROUP OF FIXTURES, DEVICES, UNLESS OTHERWISE NOTED.
7. ALL SPACES ON PANELS OR SWITCHBOARDS SHALL BE COMPLETE WITH HARDWARE AND BUSSING FOR FUTURE BREAKER OR SWITCH.
8. GROUNDING AND BONDING SHALL BE PER CODE PLUS ANY ADDITIONAL PROVISIONS AS REQUIRED BY EQUIPMENT.
9. REMOVE ALL EXISTING ELECTRICAL CONDUIT, SWITCHES, RECEPTACLES, ETC. WHICH WILL NOT BE REUSED OR WHICH ARE NOT IN COMPLIANCE WITH CURRENT CODES, ORDINANCES, ETC.
10. ALL OUTLETS, SWITCHES AND COVERPLATES SHALL MATCH THE EXISTING TYPE AND FINISH.

PANEL SCHEDULE GENERAL NOTES

1. 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.
2. 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.
3. MODIFICATIONS AND ADDITIONS TO EXISTING PANELBOARDS SHALL UTILIZE COMPONENTS AND EQUIPMENT BY ORIGINAL EQUIPMENT MANUFACTURER.
4. TORQUE ALL BUS CIRCUIT BREAKER AND CABLE CONNECTIONS.
5. UPGRADE ALL PANELBOARD SCHEDULES TO NEW DESIGNATIONS.

GLS inc
GENERAL LIGHTING SERVICE
ELECTRICAL CONTRACTORS
975 CHESTNUT STREET • SAN JOSE, CA 95110-5505
(408) 298.8570 • FAX (408) 298.6755
LIC#C10-466869

GENERAL LIGHTING INC
DESIGN * BUILD
C10
Lic. 466869
EXP. 12/31/18
STATE OF CALIFORNIA

ACEE# E17254.00

ARTIK
ART & ARCHITECTURE
394-A Umbarger Rd
San Jose, CA 95111
Phone 408.224.9890
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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
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Drawing Title

ELECTRICAL COVER SHEET

Regulatory Agency Approval

Architect Seal

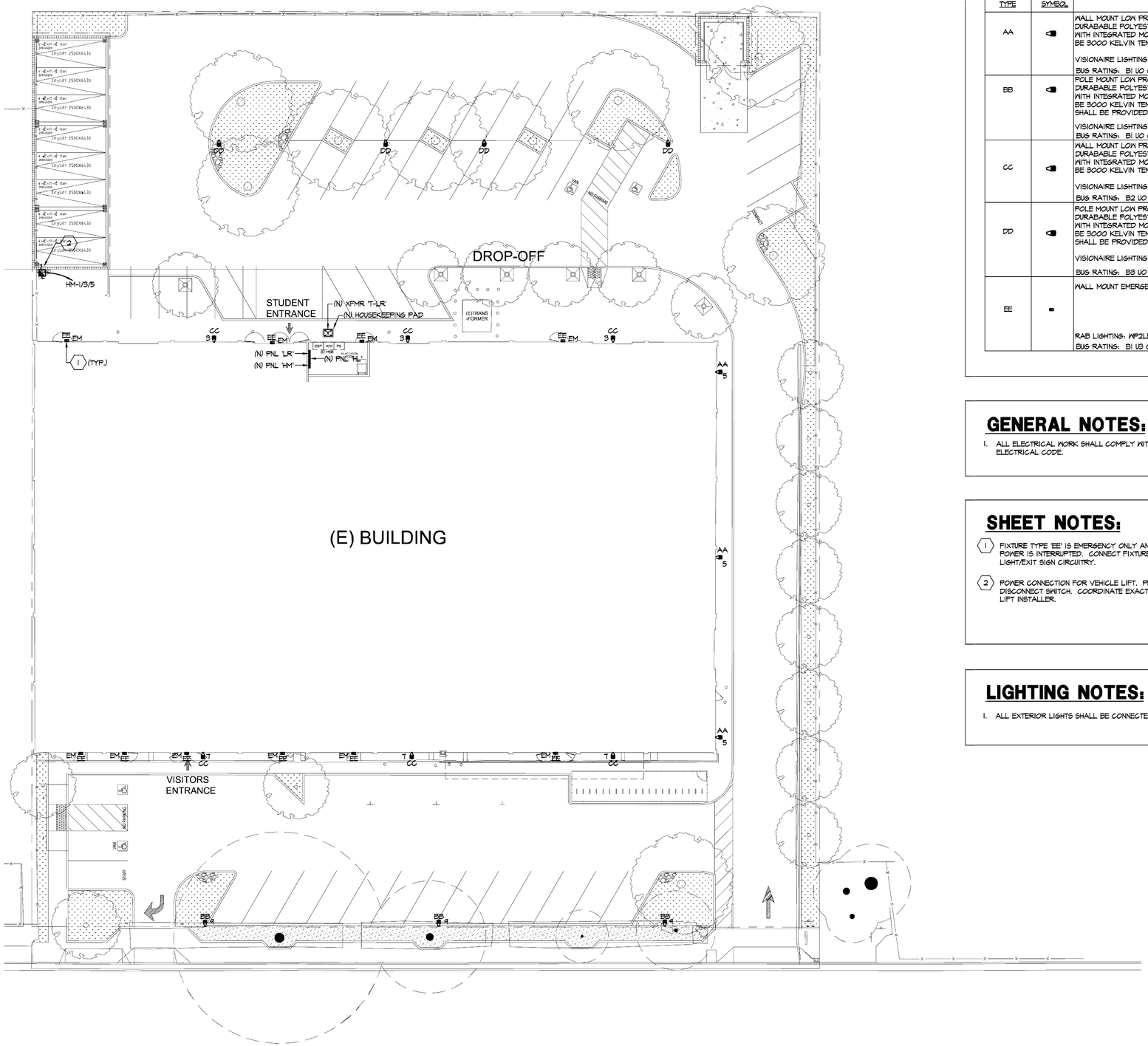
File Number -

Application Number -

Project No. 128197

Date 12.1.17

Drawing No E0.1



1 **SITE LIGHTING & POWER PLAN**

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

LIGHT FIXTURE SCHEDULE

TYPE	SYMBOL	DESCRIPTION	MOUNTING	WATTAGE
AA		WALL MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABABLE 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 I OPTICS. VISIONAIRE LIGHTING: VSX-1-T1-16LC-3-3K-UNV-XM-DIM-WSC20 OR EQUAL BUG RATING: B1 U0 G1	WALL MOUNTED @ 12' A.F.F.	18W
BB		POLE MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABABLE 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: VSX-1-T3-32LC-5-3K-UNV-AM-DIM-WSC200 OR EQUAL BUG RATING: B1 U0 G2	POLE MOUNTED @ 10' A.F.F.	52W
CC		WALL MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABABLE 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: VSX-1-T3-48LC-T-3K-UNV-XM-DIM-WSC200 OR EQUAL BUG RATING: B2 U0 G2	WALL MOUNTED @ 12' A.F.F.	106W
DD		POLE MOUNT LOW PROFILE DESIGN AND RUGGED CONSTRUCTION LED LIGHT WITH DURABABLE 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 5 OPTICS. FIXTURE SHALL BE PROVIDED TO MOUNT FIXTURE AT NOTED HEIGHT. VISIONAIRE LIGHTING: VSX-1-T5-32LC-5-3K-UNV-AM-DIM-WSC20 OR EQUAL BUG RATING: B3 U0 G1	POLE MOUNTED @ 12' A.F.F.	52W
EE		WALL MOUNT EMERGENCY ONLY LIGHT FIXTURE RAB LIGHTING: WP2LED-37-N OR EQUAL BUG RATING: B1 U3 G3	WALL MOUNTED ABOVE DOOR	

GENERAL NOTES:

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

SHEET NOTES:

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

LIGHTING NOTES:

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

GLS inc
GENERAL LIGHTING SERVICE
ELECTRICAL CONTRACTORS
976 CHESTNUT STREET • SAN JOSE, CA 95110-1565
(408) 298-8570 • FAX (408) 298-6795
LIC. NO. 466869

GENERAL LIGHTING, INC. DESIGN • BUILD C10 Lic. 466869 EXP. 12/31/18 STATE OF CALIFORNIA

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No	Revisions/Submissions	Date
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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

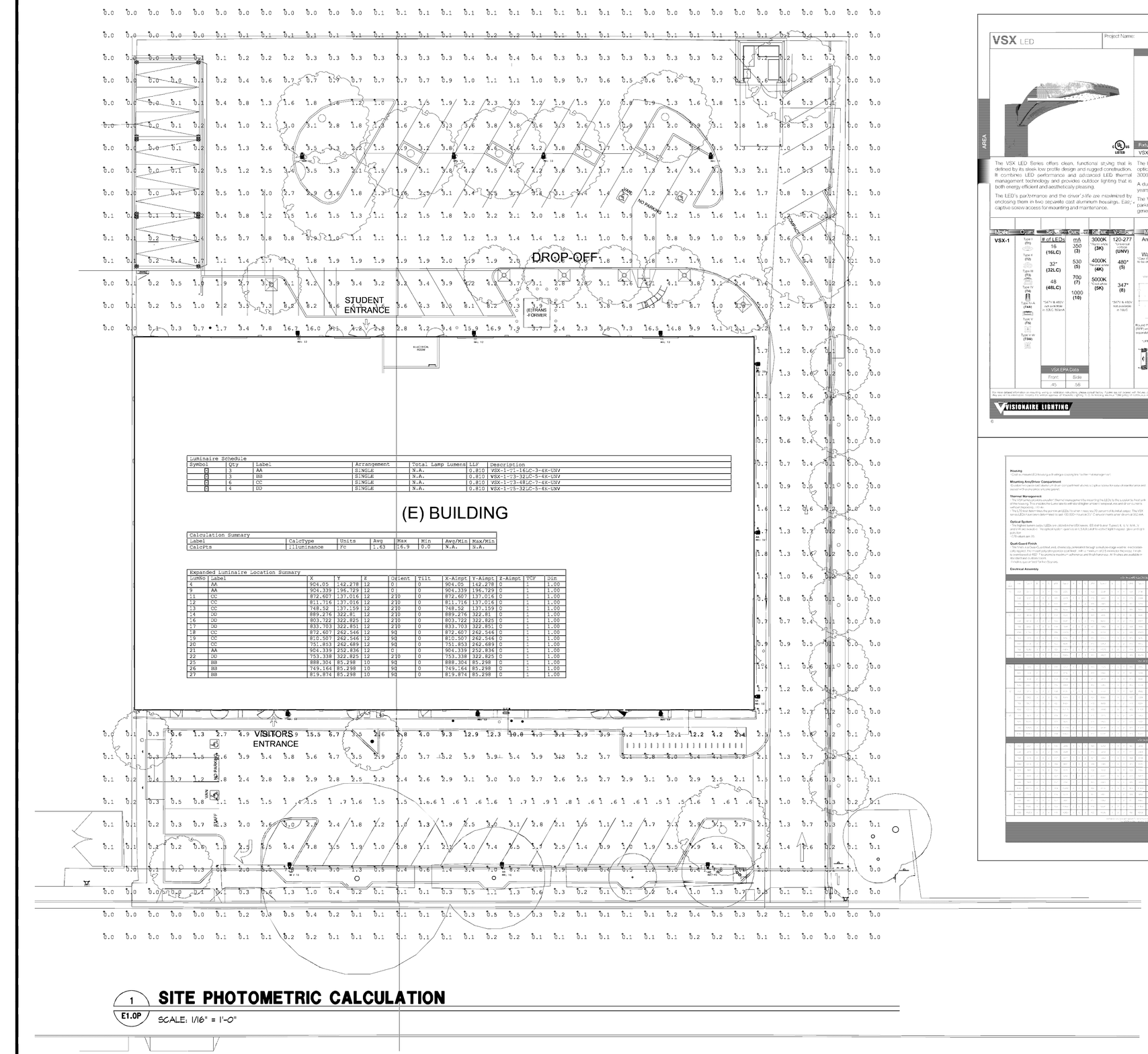
File Number -

Application Number -

Project No. 128197

Date 12.1.17

Drawing No E1.0



Luminaire Schedule

Symbol	Qty	Label	Arrangement	Total Lamp Lumens	LLF	Description
	3	AA	SINGLE	N.A.	0.810	VSX-1-T1-16LC-3-4K-UNV
	3	BB	SINGLE	N.A.	0.810	VSX-1-T3-32LC-5-4K-UNV
	6	CC	SINGLE	N.A.	0.810	VSX-1-T3-48LC-7-4K-UNV
	4	DD	SINGLE	N.A.	0.810	VSX-1-T5-32LC-5-4K-UNV

Calculation Summary

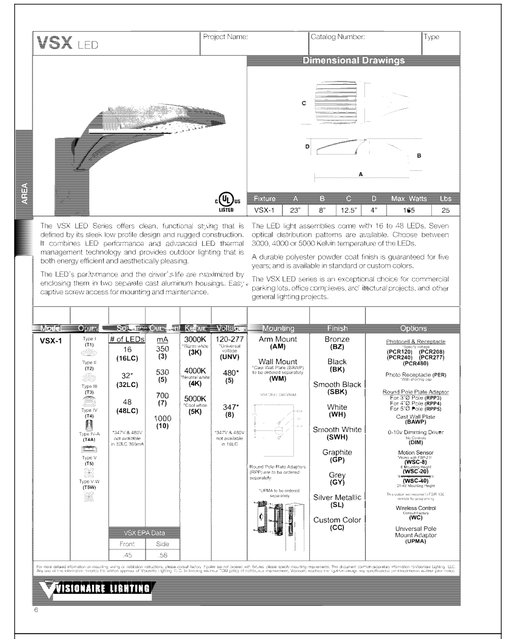
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts	Illuminance	Fc	2.63	16.9	0.0	N.A.	N.A.

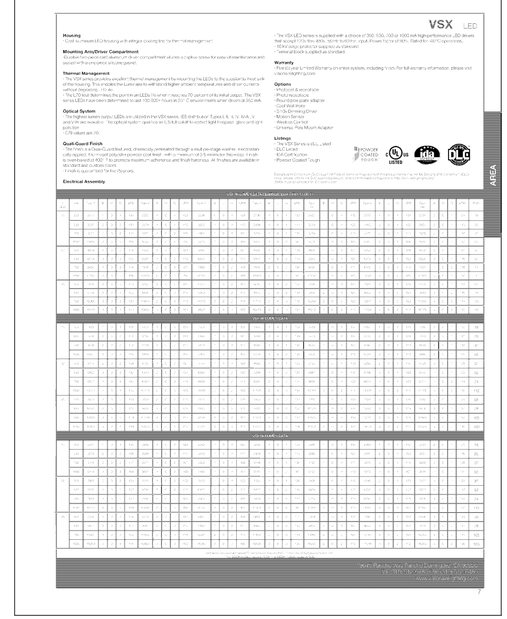
Expanded Luminaire Location Summary

LumNo	Label	X	Y	Z	Orient	Tilt	X-Aimpt	Y-Aimpt	Z-Aimpt	TCF	Dim
4	AA	904.05	142.278	12	0	0	904.05	142.278	0	1	1.00
9	AA	904.339	196.729	12	0	0	904.339	196.729	0	1	1.00
11	CC	872.607	137.016	12	270	0	872.607	137.016	0	1	1.00
12	CC	811.716	137.016	12	270	0	811.716	137.016	0	1	1.00
13	CC	748.52	137.159	12	270	0	748.52	137.159	0	1	1.00
14	DD	889.276	322.81	12	270	0	889.276	322.81	0	1	1.00
16	DD	803.722	322.825	12	270	0	803.722	322.825	0	1	1.00
17	DD	833.703	322.851	12	270	0	833.703	322.851	0	1	1.00
18	CC	872.607	262.546	12	90	0	872.607	262.546	0	1	1.00
19	CC	810.507	262.546	12	90	0	810.507	262.546	0	1	1.00
20	CC	751.853	262.689	12	90	0	751.853	262.689	0	1	1.00
21	AA	904.339	252.836	12	0	0	904.339	252.836	0	1	1.00
22	DD	753.338	322.825	12	270	0	753.338	322.825	0	1	1.00
25	BB	888.304	85.298	10	90	0	888.304	85.298	0	1	1.00
26	BB	749.164	85.298	10	90	0	749.164	85.298	0	1	1.00
27	BB	819.874	85.298	10	90	0	819.874	85.298	0	1	1.00

1 **SITE PHOTOMETRIC CALCULATION**

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





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ART & ARCHITECTURE
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
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Drawing Title

SITE PHOTOMETRIC CALCULATION

Regulatory Agency Approval

Architect Seal

GLS inc GENERAL LIGHTING SERVICE ELECTRICAL CONTRACTORS
975 CHESTNUT STREET • SAN JOSE CA 95110-1503
(408) 298-8570 • FAX (408) 298-6795
C10 Lic. 466869

GENERAL LIGHTING INC. DESIGN • BUILD C10 Lic. 466869 EXP. 12/31/18 STATE OF CALIFORNIA

ACEE# E17254.00

File Number -

Application Number -

Project No. 128197

Date 12.1.17

Drawing No E1.0P

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"

C= GALLONS PER MINUTE
A= VALVE NUMBER
B= VALVE SIZE
D= DESCRIPTION

A C / B D

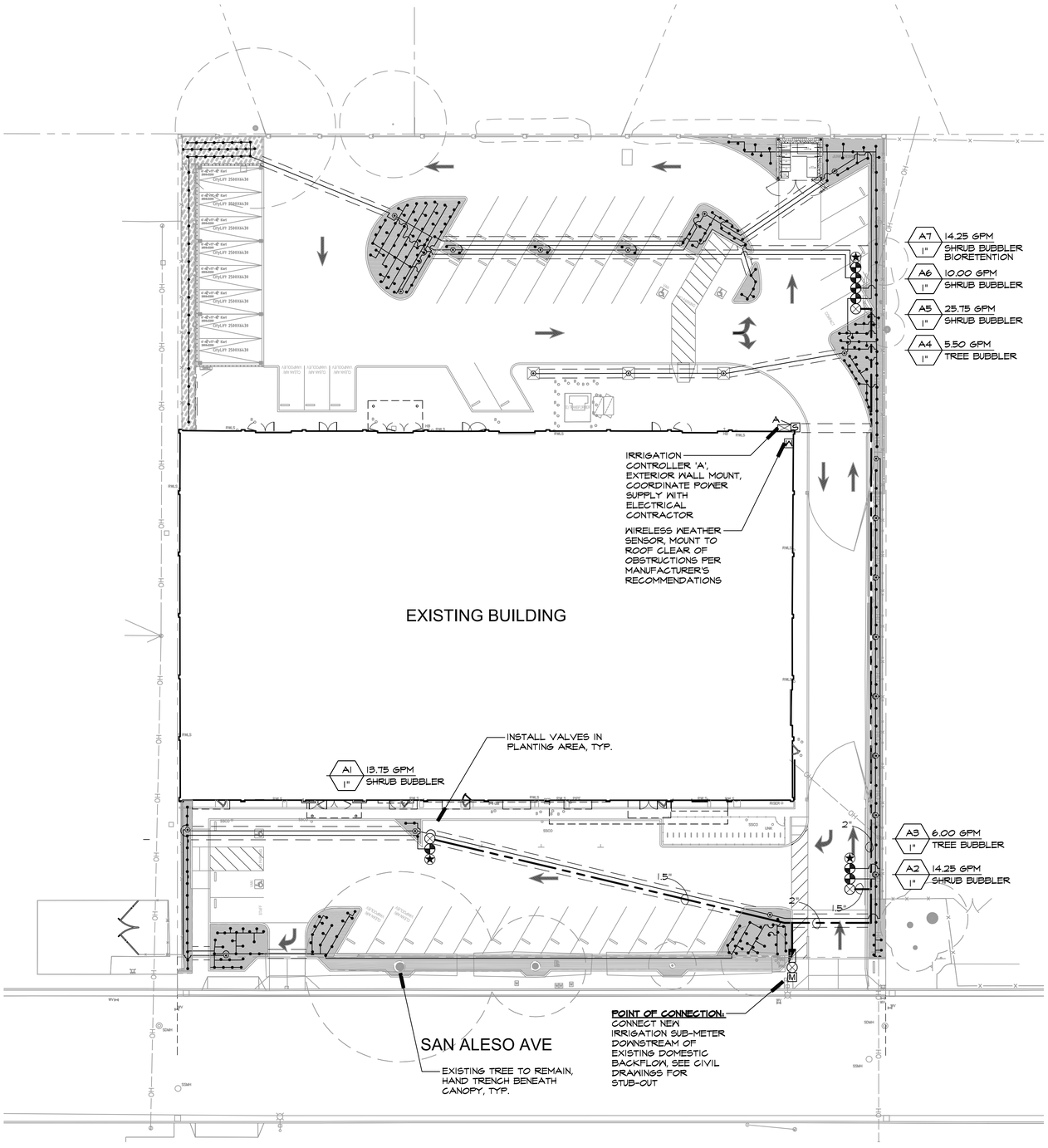
HYDROZONES:

LOW

MODERATE

HYDROZONE NOTES:

1. HYDROZONES BASED ON PLANT SPECIES WATER USE FOR ZONE 1 PER WUCOLS IV, 2014.
2. HYDROZONE NUMBERS CORRESPOND TO VALVE NUMBERS.
3. TREE HYDROZONE AREAS ESTIMATED FROM MATURE CANOPY SIZE BY SPECIES.



IRRIGATION NOTES

1. I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.
   ALISSA J. NOGUEZ, CALIFORNIA LANDSCAPE ARCHITECT #3676
2. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
3. 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.
4. THE IRRIGATION SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODES AND REGULATIONS.
5. 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.
6. 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.
7. CONTRACTOR SHALL COORDINATE IRRIGATION INSTALLATION WITH OTHER TRADES. CONTRACTOR TO COORDINATE AND VERIFY ALL SLEEVING, PIPING, ELECTRICAL SUPPLY, POINT OF CONNECTION, ETC.
8. 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.
9. ALL LATERAL LINES TO BE SIZED PER PIPE SIZE CHART.
10. 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.
11. WHERE TRENCHING IS REQUIRED BENEATH EXISTING PAVING, CONTRACTOR SHALL SAWCUT PAVING AND REPLACE TO MATCH EXISTING.
12. REFER TO SPECIFICATIONS SECTION 01 56 39, TEMPORARY TREE AND PLANT PROTECTION, 32 84 00 - PLANTING IRRIGATION, AND IRRIGATION DETAILS ON SHEET L1.2 AND TREE PROTECTION DETAIL C ON SHEET L2.2

IRRIGATION LEGEND

SYM	MODEL	MANUF.	DESCRIPTION	GPM	PSI	RAD
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 SBBG SERIES ENCLOSURE			
M	LHM15T01-MEL-NO	NETAFIM	1.5" HYDROMETER WITH REED SWITCH, NORMALLY OPEN			
⊗	TPC-585-70	NIBCO	IPS BRONZE BALL VALVE, LINE SIZE			
	100-PESB-PRS-D	RAINBIRD	PLASTIC ELECTRIC PRESSURE COMPENSATING REMOTE CONTROL VALVE, SIZE PER PLAN			
	-	-	EXISTING REMOTE CONTROL VALVE TO REMAIN			
	75-SL-VLC	TORO	QUICK COUPLING VALVE WITH RUBBER CAP, PROVIDE MATCHED QUICK COUPLING KEY AND HOSE SWIVEL (1 PER 5 VALVES) TO OWNER'S REPRESENTATIVE			
CONTROLLERS / SENSORS						
A	MC-12F	RRITROL	12 STATION CONTROLLER, MOUNT TO EXTERIOR OF EXISTING BUILDING, COORDINATE POWER SUPPLY WITH ELECTRICAL TRADE			
S	-	-	SPLICE BOX, CONCRETE IN PAVING, PLASTIC IN LANDSCASPE			
W	CL-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 Descriptiona	Plant Factor (PF)	Irrigation Methodb	Irrigation Efficiency (IE)c	ETAF (PF/IE)	Landscape Area (Sq. Ft.)	ETAF x Area	Estimated Total Water Use (ETWU)d
Regular Landscape Areas							
A1, Shrub Bubbler	0.3	Drip	0.81	0.37	1780	659	18516
A2, Shrub Bubbler	0.3	Drip	0.81	0.37	650	241	6761
A3, Tree Bubbler	0.3	Drip	0.81	0.37	2513	931	26141
A4, Tree Bubbler	0.3	Drip	0.81	0.37	4241	1571	44116
A5, Shrub Bubbler	0.3	Drip	0.81	0.37	1356	502	14105
A6, Shrub Bubbler	0.5	Drip	0.81	0.62	412	254	7143
				Totals	10952	4158	116782
Special Landscape Areas							
A7, Shrub Bubbler, bioretention				1	908	908	25502
				Totals	908	908	25502
						ETWU Total	142284
						Maximum Allowed Water Allowance (MAWA)e	225441

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

NORTH

SCALE: 1" = 20'-0"

0' 10' 20' 40'

ARTIK
ART & ARCHITECTURE
394-A Umbarger Rd
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Consultant

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LICENSED LANDSCAPE ARCHITECT
ALISSA J. NOGUEZ
NO. 3676
Signature
05/31/2019
Renewal Date
09/19/2019
Date
STATE OF CALIFORNIA

Key Plan

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Drawing Title

IRRIGATION PLAN

Regulatory Agency Approval

Architect Seal

File Number -

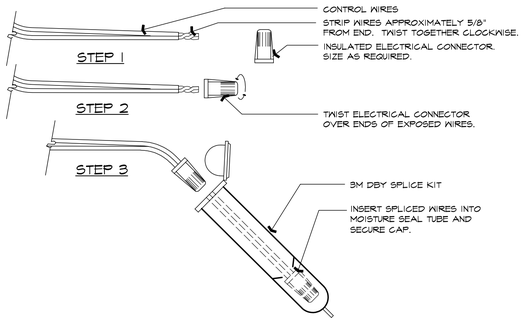
Application Number -

Project No. 128197 ANLA: 1744

Date 09.19.2018

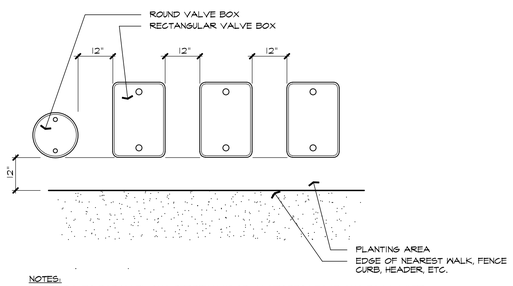
Drawing No

L1.1



J WIRE SPLICING

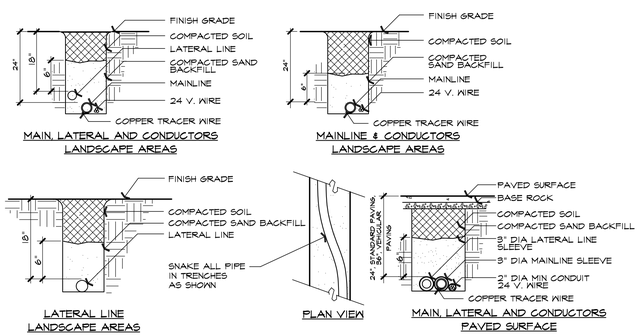
SCALE: N.T.S.



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

I VALVE BOX ALIGNMENT

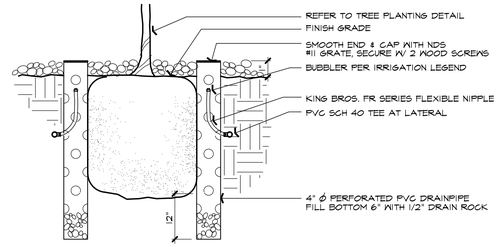
SCALE: N.T.S.



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

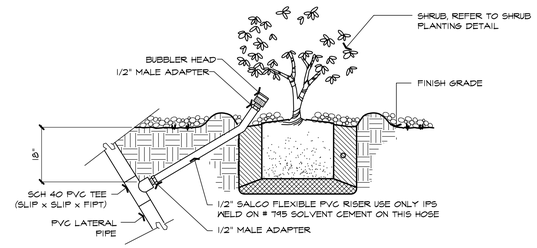
H TRENCHING

SCALE: N.T.S.



G TREE BUBBLER

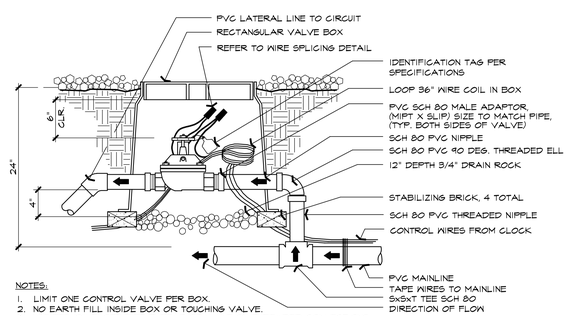
SCALE: N.T.S.



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

F SHRUB BUBBLER

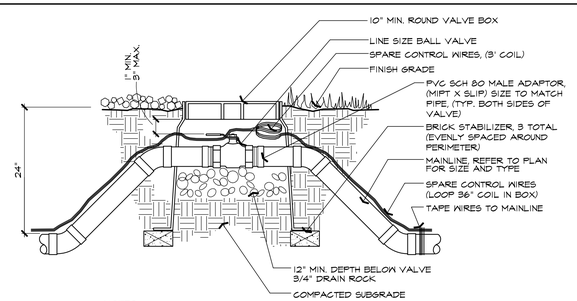
SCALE: N.T.S.



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

E REMOTE CONTROL VALVE

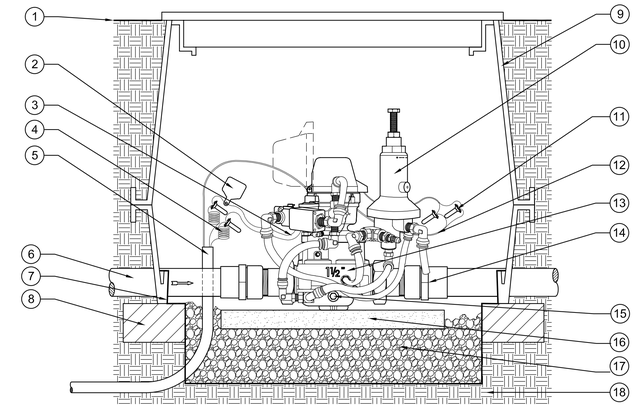
SCALE: N.T.S.



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

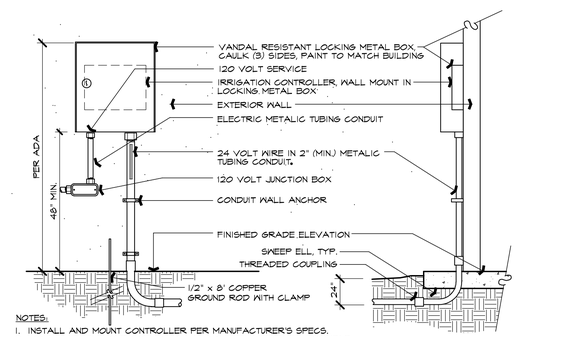
D BALL VALVE

SCALE: N.T.S.



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

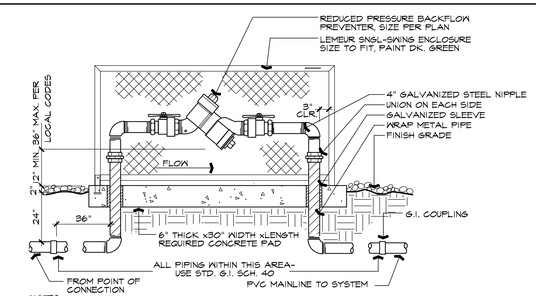
C HYDROMETER



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

B CONTROLLER

SCALE: N.T.S.



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 OWNERS' 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.

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LICENSED LANDSCAPE ARCHITECT
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IRRIGATION DETAILS

Regulatory Agency Approval

Architect Seal

File Number
-

Drawing No
L1.2

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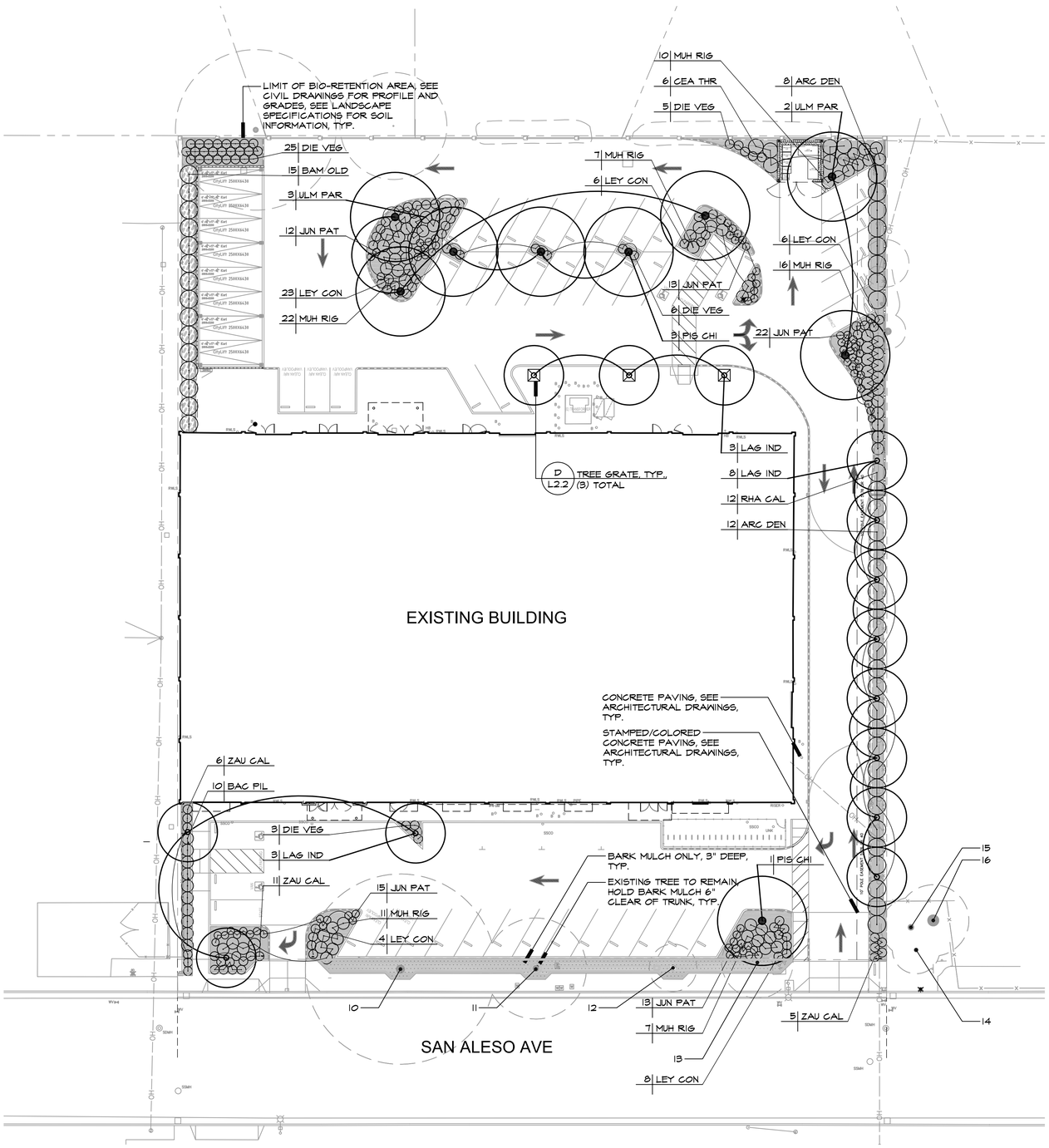
-

Project No.
128197
ANLA: 1744

Date
09.19.2018



PLANTING NOTES

1. I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM ACCORDINGLY FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

   ALISSA J. NOGUEZ, CALIFORNIA LANDSCAPE ARCHITECT #3676

2. THESE NOTES ARE FOR GENERAL REFERENCE IN CONJUNCTION WITH, AND AS A SUPPLEMENT TO THE WRITTEN SPECIFICATIONS, DETAILS, ADDENDA AND CHANGE ORDERS ASSOCIATED WITH THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION.
4. 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.
5. FINE GRADING, HEADERS AND IRRIGATION COVERAGE SHALL BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO PLANTING OPERATIONS.
6. 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.
7. 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.
8. 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.
9. 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.
10. GROUND COVERS SHALL BE PLANTED EVENLY AND CONTINUOUSLY UNDER TREE AND SHRUB MASSES.
11. 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.
12. ALL NEWLY PLANTED MATERIAL SHALL BE THOROUGHLY SOAKED WITH WATER WITHIN 3 HOURS OF PLANTING.
13. 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.
14. THIRTY DAYS AFTER PLANTING, CONTRACTOR SHALL RE-STAKE AND STRAIGHTEN TREES AS NECESSARY.
15. REFER TO PLANTING DETAILS, SHEET L2.2 AND SPECIFICATIONS SECTIONS:
    01 56 39 TEMPORARY TREE AND PLANT PROTECTION
    32 46 00 PLANTING

PLANT LEGEND

SYMBOL	SIZE	BOTANICAL NAME	COMMON NAME	WUCOLS WATER NEEDS
TREES:				
LAG IND	24" BOX	LAGERSTROEMIA INDICA 'TONTO', STANDARD	CRAPE MYRTLE	LOW
PIS CHI	24" BOX	PISTACIA CHINENSIS, STANDARD	CHINESE PISTACHE	LOW
ULM PAR	24" BOX	ULMUS PARVIFOLIA 'DRAKE', STANDARD	CHINESE ELM	LOW
SHRUBS:				
ARC DEN	5 GAL	ARCOSTAPHYLOS DENSIFLORA 'HOWARD MCMINN'	VINE HILL MANZANITA	LOW
BAC PIL	5 GAL	BACCHARIS PILULARIS 'TWIN PEAKS II'	COYOTE BRUSH	LOW
BAM OLD	5 GAL	BAMBUSA OLDHAMII	GIANT TIMBER BAMBOO	LOW
DIE VE	5 GAL	DIETES VEGETA	FORTNIGHT LILY	LOW
CEA THR	5 GAL	CEANOTHUS THRYSIFLORUS 'SKYLARK'	WILD LILAC	LOW
JUN PAT	1 GAL	JUNCUS PATENS	COMMON RUSH	LOW
LEY CON	1 GAL	LEYMUS CONDENSATUS 'CANYON PRINCE'	WILD RYE	LOW
MUH RIG	5 GAL	MUHLENBERGIA RIGENS	DEER GRASS	LOW
RHA CAL	5 GAL	RHAMNUS CALIFORNICA 'MOUND SAN BRUNO'	DEER GRASS	LOW
ZAU CAL	1 GAL	ZAUCHNERIA CALIFORNICA	CALIFORNIA FUSCHIA	LOW

SHADE CALCULATIONS:

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

HYDROZONES:

LOW

MODERATE

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

EXISTING SITE TREES

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

NORTH

SCALE: 1" = 20'-0"

0' 10' 20' 40'

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

Consultant

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

LICENSED LANDSCAPE ARCHITECT
ALISSA J. NOGUEZ
NO. 3676
Signature
05/31/2019
Renewal Date
09/19/2019
Date
STATE OF CALIFORNIA

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
3	Planning Commission - Study Session	08.09.18
4	Planning Resubmittal	09.19.18

Drawing Title

PLANTING PLAN

Regulatory Agency Approval

Architect Seal

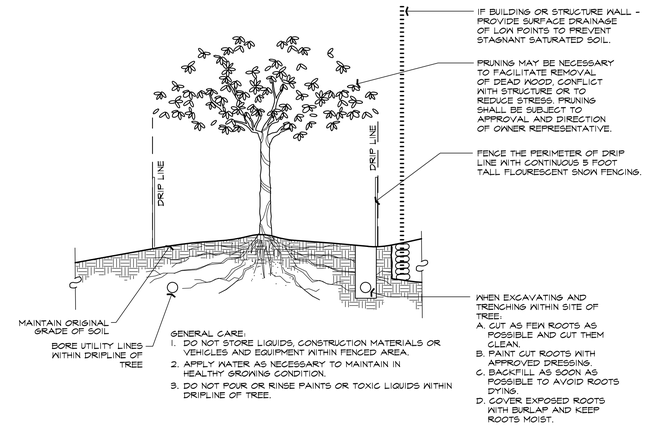
File Number
-

Application Number
-

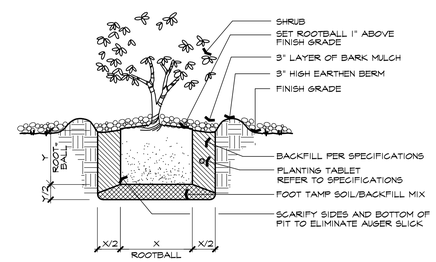
Project No.
128197
ANLA: 1744

Date
09.19.2018

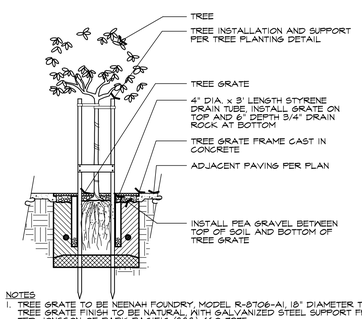
Drawing No
L2.1



C TREE PROTECTION SCALE: N.T.S.

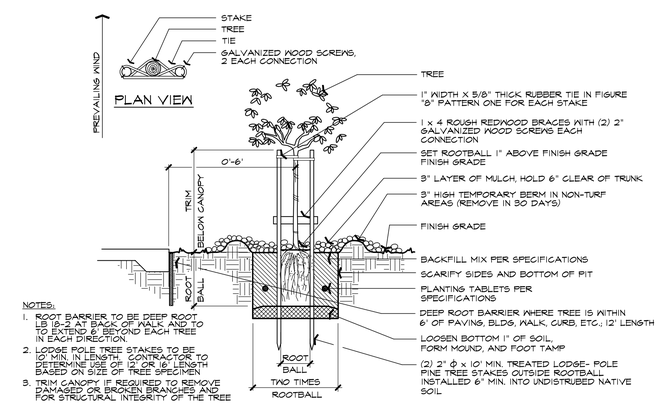


B SHRUB PLANTING SCALE: N.T.S.



NOTES
1. TREE GRATE TO BE NEENAH FOUNDRY, MODEL R-8706-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 10' 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.

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PLANTING DETAILS

Regulatory Agency Approval

Architect Seal

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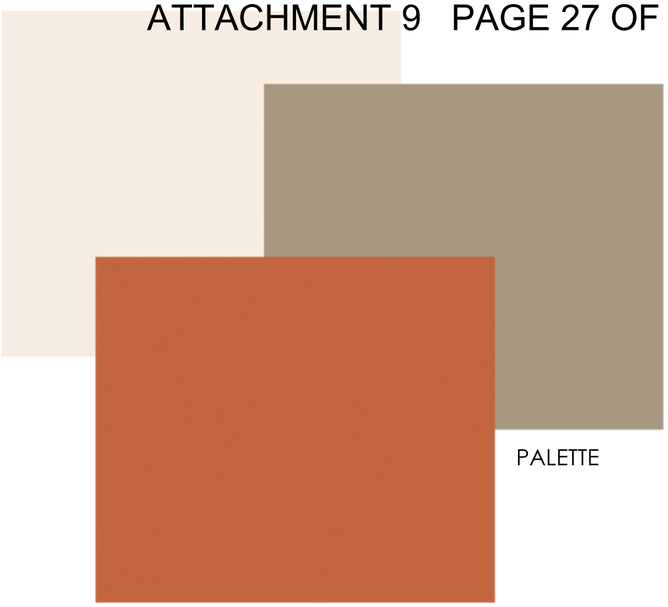
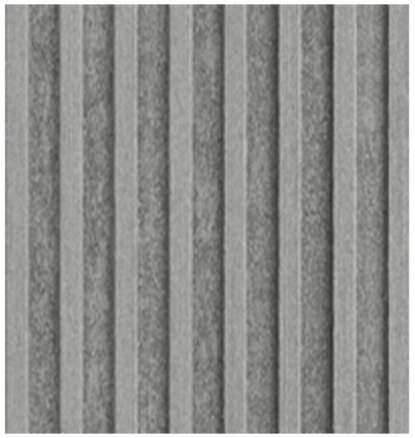
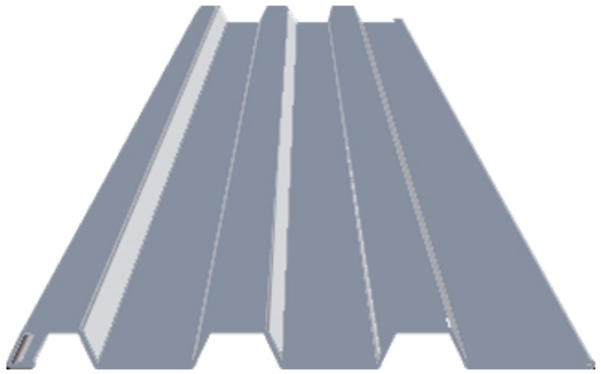
L2.2



PALETTE



WAINSCOTTING EQUITONE LT20



WALL PANEL