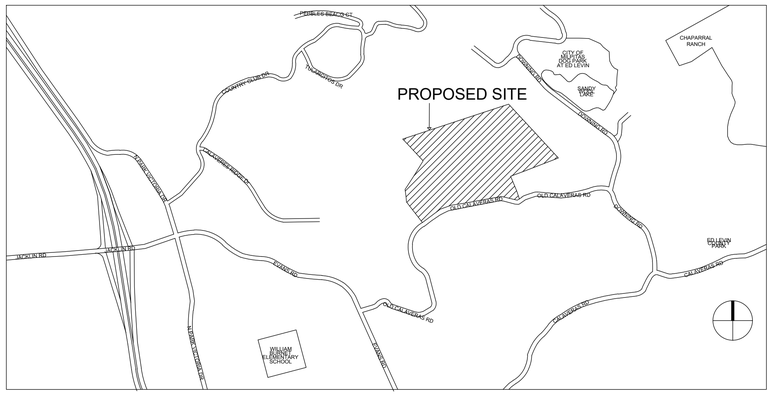
(1) VICINITY MAP



(5) PROJECT DATA

DESCRIPTION OF WORK:

DEMOLITION OF EXISTING ACCESSORY STRUCTURES # 1,2, 3, 6, 7 (EXISTING AGRICULTURAL VEHICLE AND STORAGE SHED,LIVESTOCK SHELTERS AND FEED STORAGE SHED), REGULARIZATION PERMIT FOR STRUCTURES # 4 AND # 5 (EXISTING METAL LIVESTOCK SHELTER AND WELL SHED) AND BUILDING PERMIT FOR STRUCTURE #8 (PROPOSED AG SHED), STRUCTURE # 12 (LIVESTOCK SHELTER) & # 17,17A,17B (LIVESTOCK SHEDS) IN THE PROPERTY BY CONSIDERING THE MAXIMUM HEIGHT FACTOR AND SETBACK REQUIREMENTS .

ADDRESS:	2425 OLD CALAVERAS ROAD, MILPITAS, CA 95035
ZONING DESIGNATION:	D2-HS - HILLSIDE
APN:	029-34-004
LOT SIZE:	78.93 ACRES (3,438,191 SQ. FT.)
BUILDING AREA:	408 SQ FT FOR STRUCTURE #4
	402 SQ FT FOR STRUCTURE #5,
	1450 SQ FT OF COVERED AREA & 1450 SQFT OF OPEN SHELTER AREA FOR STRUCTURE #8
	1,972 SQFT OF COVERED AREA AND 2728 SQFT OF OPEN SHELTER AREA FOR STRUCTURE #12
	484 SQFT OF COVERED AREA FOR STRUCTURE #17
	484 SQFT OF COVERED AREA FOR STRUCTURE #17A
	484 SQFT OF COVERED AREA FOR STRUCTURE #17B

YEAR OF CONSTRUCTION: 2021

(N) ACCESSORY STRUCTURE FLOOR AREA: 5,684 SQ FT *
*THE TOTAL FLOOR AREA OF ALL ACCESSORY STRUCTURES ON THE PROPERTY W/ A SOLID ROOF SHALL NOT EXCEED 30% OF THE LOT AREA, WHICH IS 1,031,457 SQ. FT. (STANDARDS FOR SPECIFIC LAND USES- D2)

(N) ACCESSORY STRUCTURE HEIGHT: STRUCTURE #4 IS 12' , STRUCTURE #5 IS 11', STRUCTURE #8 IS 16' 1/4" , STRUCTURE #12 IS 16' ¼" AND STRUCTURE #17,17A,17B IS 12'.
(N) ACCESSORY STRUCTURE SIDE-SETBACK: MORE THAN 30' FROM PROPERTY BOUNDARY

TYPE OF CONSTRUCTION:	TYPE 1
OCCUPANCY GROUP:	U
SPRINKLERED:	YES

(2) SHEET INDEX

ARCHITECTURAL: 1 - COVER SHEET
2 - BOUNDARY & TOPOGRAPHIC MAP
3 - DEMOLITION PLAN
4 - OVERALL SITE PLAN
5 - EXISTING STORAGE SHED PLAN, ELEVATIONS, & SECTIONS
6 - AGRICULTURAL SHED 100' X 29' ELEVATIONS & SECTION
7 - AGRICULTURAL SHED 100' X 29' PLAN VIEW
8 - EXISTING SHED PLAN, ELEVATIONS, & SECTION
9 - LIVESTOCK SHELTER 120' X 29' PLAN
10 - LIVESTOCK SHELTER 120' X 29' ELEVATIONS & SECTIONS
11 - LIVESTOCK SHELTER 120' X 29' VIEW
12 - EXISTING WELL SHED FLOOR PLAN & ELEVATIONS
13 - LIVESTOCK SHED FLOOR PLAN, ELEVATIONS, & SECTIONS
14 - ACCESS ROAD PLAN
15 - ACCESS ROAD PROFILES & SECTIONS
16 - DRIVEWAY, PARKING & SITE GRADING & DRAINAGE PLAN
17 - 22' WIDE FIRE ACCESS ROAD SECTIONS
18 - TEMPORARY AND PERMANENT LAND COVER

(3) PROJECT TEAM

OWNER: GOKULAM LLC
680 E.CALAVERAS BLVD.
MILIPITAS, CA 95035
PHONE: (408) 833-9743
EMAIL: gokulam@ihf-usa.org

ENGINEER: LC ENGINEERING
598, SANTA CLARA STREET,
SUITE #270
SAN JOSE, CA 95112
PHONE: (408) 806-7187
EMAIL: nle@icengineering.net

CONTRACTOR:

(4) APPLICABLE CODES

ALL CONSTRUCTION SHALL COMPLY WITH ALL LOCAL CODES AND ORDINANCES AND THE CODES LISTED BELOW OR THE MOST CURRENT CODES AND ORDINANCES AT THE TIME OF SUBMITTAL

2019 CALIFORNIA CODES

1. 2019 CALIFORNIA BUILDING CODE
2. 2019 CALIFORNIA ELECTRICAL CODE
3. 2019 CALIFORNIA MECHANICAL CODE
4. 2019 CALIFORNIA PLUMBING CODE
5. 2019 CALIFORNIA GREEN BUILDING CODE
6. 2019 CALIFORNIA ENERGY CODE
7. 2019 CALIFORNIA RESIDENTIAL CODE

NO.	REVISIONS	APP'D	DATE	BY

PT	03/22/21	DATE
DESIGNED		
CT	03/22/21	DATE
DRAWN		
AS NOTED		
SCALE		
NL	03/22/21	DATE
CHECKED		

LC ENGINEERING
598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

COVER SHEET
2425 OLD CALAVERAS ROAD
APN 029-34-004
Milpitas California

PROJECT NO.
CONTRACT NO.
FILE NO.
DRAWING NO. 1
SHT NO. 1 OF 17

APPLICANT : . ROAD NAME : OLD CALAVERAS ROAD FILE NO : .

NO.	REVISIONS	APP'D	DATE	BY

PT	08/26/20	
DESIGNED	DATE	
CT	08/26/20	
DRAWN	DATE	
1" = 100'		
SCALE		
NL	08/26/20	
CHECKED	DATE	

LE ENGINEERING
598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

BOUNDARY & TOPOGRAPHIC MAP
2425 OLD CALAVERAS ROAD
APN 029-34-004

Milpitas California

PROJECT NO.

CONTRACT NO.

DRAWING NO. 2

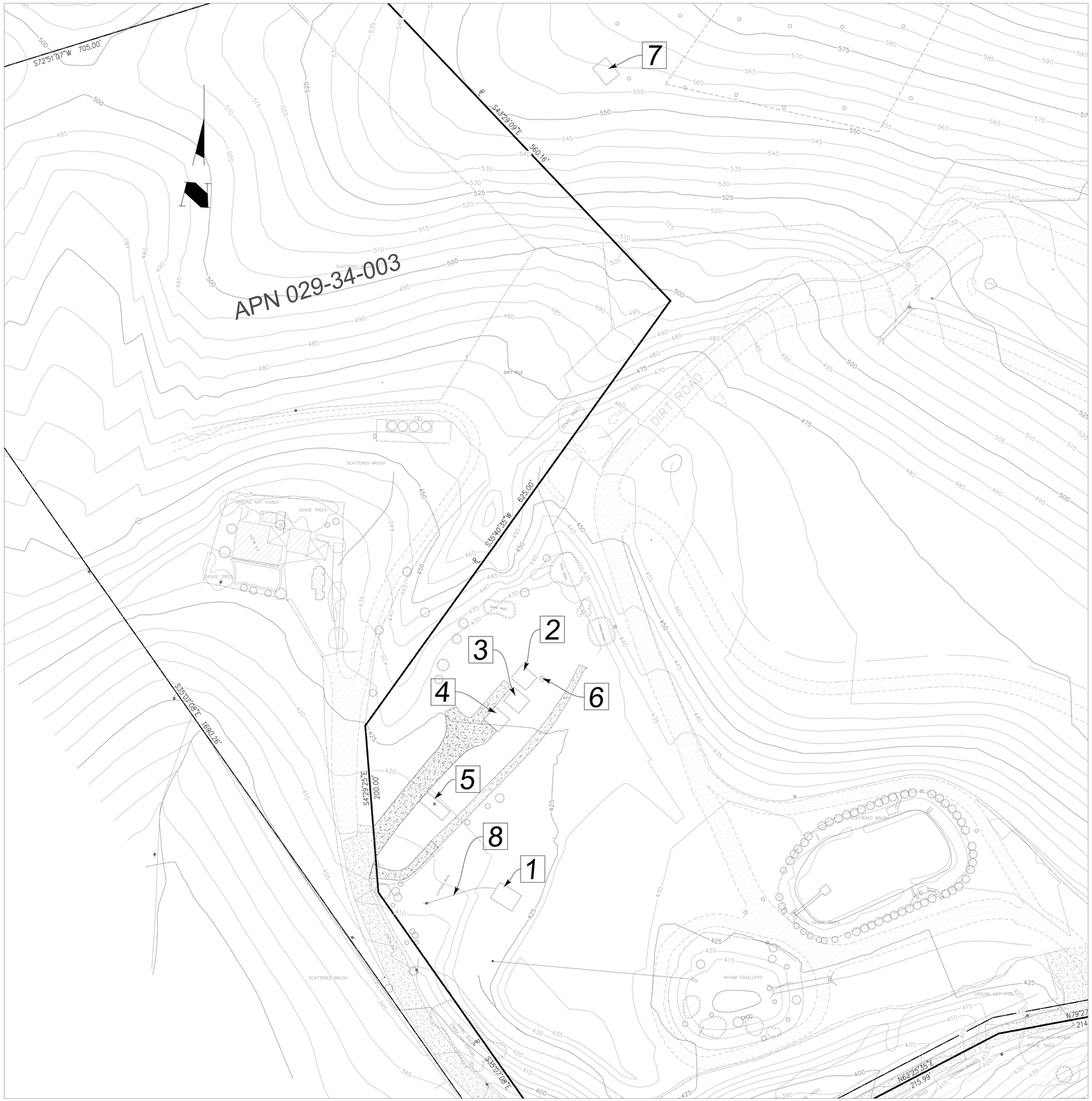
SHT NO. 2 OF 17

FILE NO.

APPLICANT : .

ROAD NAME : OLD CALAVERAS ROAD

FILE NO : .



SITE PLAN KEYNOTES

1. EXISTING VEHICLE & STORAGE SHED 22' x 30'
2. TEMPORARY LIVESTOCK SHELTER 18'5" X 20'8"
3. TEMPORARY LIVESTOCK SHELTER 18'5" X 19'10"
4. TEMPORARY METAL LIVESTOCK SHELTER 20'2.5" X 20'2.5"
5. WELL SHED 33'6" X 12'
6. TEMPORARY FEED STORAGE 6'4" X 4'8"
7. TEMPORARY LIVESTOCK SHELTER
8. EXISTING UNDERGROUND ELEC CABLE

DEMO PERMIT		REGULARIZATION PERMIT	
STRUCTURES	COVERED AREA (SQFT)	STRUCTURES	COVERED AREA (SQFT)
1. VEHICLE SHED 22'x30'	660	5. WELL SHED 33'-6"x12'	402
2. TEMPORARY LIVESTOCK SHED	380	4. TEMPORARY METAL LIVESTOCK SHED	408
3. TEMPORARY LIVESTOCK SHED	365		
6. TEMPORARY FEED STORAGE	30		
7. TEMPORARY LIVESTOCK SHED	660		
TOTAL	2,095 SQFT	TOTAL	806 SQFT

GRAPHIC SCALE

0 30 60 120

(IN FEET)
1 inch = 60 ft.

NO.	REVISIONS	APP'D	DATE	BY

PT	12/22/20	DATE
DESIGNED		
CT	12/22/20	DATE
DRAWN		
1" = 60'		
SCALE		
NL	12/22/20	DATE
CHECKED		

LE ENGINEERING
598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

DEMOLITION PLAN
LANDS OF
2425 OLD CALAVERAS ROAD
APN 029-34-004

Milpitas California

PROJECT NO.
CONTRACT NO.
FILE NO.

DRAWING NO. 3

SHT NO. 3 OF 17

APPLICANT : .

ROAD NAME : OLD CALAVERAS ROAD

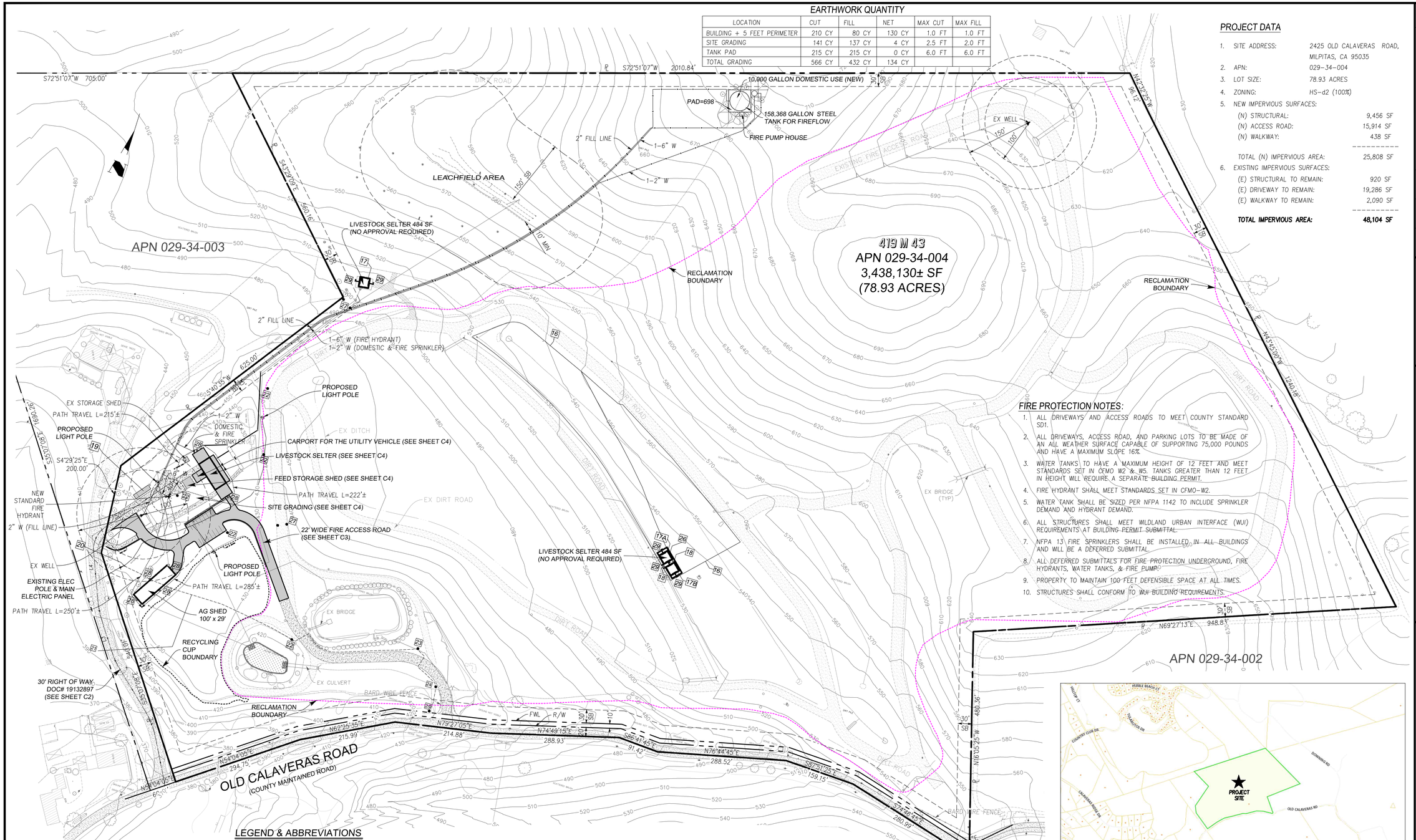
FILE NO : .

EARTHWORK QUANTITY

LOCATION	CUT	FILL	NET	MAX CUT	MAX FILL
BUILDING + 5 FEET PERIMETER	210 CY	80 CY	130 CY	1.0 FT	1.0 FT
SITE GRADING	141 CY	137 CY	4 CY	2.5 FT	2.0 FT
TANK PAD	215 CY	215 CY	0 CY	6.0 FT	6.0 FT
TOTAL GRADING	566 CY	432 CY	134 CY		

PROJECT DATA

1. SITE ADDRESS: 2425 OLD CALAVERAS ROAD, MILPITAS, CA 95035
2. APN: 029-34-004
3. LOT SIZE: 78.93 ACRES
4. ZONING: HS-d2 (100%)
5. NEW IMPERVIOUS SURFACES:
   - (N) STRUCTURAL: 9,456 SF
   - (N) ACCESS ROAD: 15,914 SF
   - (N) WALKWAY: 438 SF
   - TOTAL (N) IMPERVIOUS AREA: 25,808 SF
6. EXISTING IMPERVIOUS SURFACES:
   - (E) STRUCTURAL TO REMAIN: 920 SF
   - (E) DRIVEWAY TO REMAIN: 19,286 SF
   - (E) WALKWAY TO REMAIN: 2,090 SF
   - **TOTAL IMPERVIOUS AREA: 48,104 SF**



FIRE PROTECTION NOTES:

1. ALL DRIVEWAYS AND ACCESS ROADS TO MEET COUNTY STANDARD SD1.
2. ALL DRIVEWAYS, ACCESS ROAD, AND PARKING LOTS TO BE MADE OF AN ALL WEATHER SURFACE CAPABLE OF SUPPORTING 75,000 POUNDS AND HAVE A MAXIMUM SLOPE 16%.
3. WATER TANKS TO HAVE A MAXIMUM HEIGHT OF 12 FEET AND MEET STANDARDS SET IN CFMO W2 & W5. TANKS GREATER THAN 12 FEET IN HEIGHT WILL REQUIRE A SEPARATE BUILDING PERMIT.
4. FIRE HYDRANT SHALL MEET STANDARDS SET IN CFMO-W2.
5. WATER TANK SHALL BE SIZED PER NFPA 1142 TO INCLUDE SPRINKLER DEMAND AND HYDRANT DEMAND.
6. ALL STRUCTURES SHALL MEET WILDLAND URBAN INTERFACE (WUI) REQUIREMENTS AT BUILDING PERMIT SUBMITTAL.
7. NFPA 13 FIRE SPRINKLERS SHALL BE INSTALLED IN ALL BUILDINGS AND WILL BE A DEFERRED SUBMITTAL.
8. ALL DEFERRED SUBMITTALS FOR FIRE PROTECTION UNDERGROUND, FIRE HYDRANTS, WATER TANKS, & FIRE PUMP.
9. PROPERTY TO MAINTAIN 100 FEET DEFENSIBLE SPACE AT ALL TIMES.
10. STRUCTURES SHALL CONFORM TO WUI BUILDING REQUIREMENTS.

LEGEND & ABBREVIATIONS

AB	AGGREGATE BASE
AC	ASPHALT CONCRETE
AD	AREA DRAIN
AE	ANCHOR EASEMENT
BD	BRASS DISC
BLDG	BUILDING
BW	BOTTOM OF WALL/BACK OF WALK
CG	CURB & GUTTER
℄	CENTERLINE
CLF	CHAIN LINK FENCE
CO	SANITARY SEWER CLEANOUT
CONC	CONCRETE
CSD	COUNTY STANDARD DETAIL
DE	DRAINAGE EMITTER
DI	DRAINAGE INLET
DS	DOWNSPOUT
DWY	DRIVEWAY
EA	EASEMENT
ELEV	ELEVATION
EM	ELECTRIC METER
E(OH)	ELECTRIC OVERHEAD
E(UG)	ELECTRIC UNDERGROUND
EP	EDGE OF PAVEMENT
EX	EXISTING
EVA	VEHICLE ACCESS EASEMENT
FC	FACE OF CURB
FD	FOUND
FF	FINISH ELEVATION OF SUBFLOOR
FG	GROUND FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FWL	FUTURE WIDTH LINE
G	GARAGE SLAB ELEVATION/GAS LINE
GM	GAS METER
HP	HIGH POINT
INV	INVERT
LIP	LIP OF GUTTER
LS	LANDSCAPED AREA
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MON	MONUMENT
MW	MONUMENT WELL
N&S	NAIL AND SHINER
NTS	NOT TO SCALE
OH	OVERHEAD
OG	ORIGINAL GROUND
P	PAVEMENT FINISH GRADE
PAD	PAD ELEVATION
PE	PATHWAY EASEMENT
ℙ	PROPERTY LINE
PP	POWER POLE
PROP	PROPOSED
PVMT	PAVEMENT
PVC	POLYVINYL CHLORIDE
R	RADIUS
RW	RETAINING WALL
REM	REMOVE
R/W	RIGHT OF WAY
SD	STORM DRAIN
SS	SANITARY SEWER/LATERAL
SSE	SANITARY SEWER EASEMENT
STA	STATION
SW	SIDEWALK
TB	TOP OF BANK
TC	TOP OF CURB
TEMP	TEMPORARY
TOE	TOE OF BANK
TG	TOP OF GRATE
TPF	TREE PROTECTION FENCE
TW	TOP OF WALL
TYP	TYPICAL
UV	UTILITY VAULT
W	WATER
WLK	WALKWAY
WM	WATER METER
WV	WATER VALVE

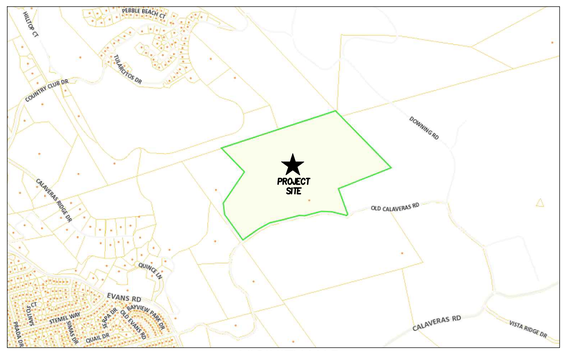
RECLAMATION LINE
RECYCLING CUP BOUNDARY
PROPERTY LINE
LOT LINE
EASEMENT LINE
EDGE OF PAVEMENT
UTILITY LINE — W
ROADSIDE SIGN & SIGN CODE — R1
FENCE
TREE/SHRUB
CONTOUR LINES — 100
STANDARD MONUMENT
BENCH MARK

SANITARY SEWER CLEANOUT
SANITARY SEWER MANHOLE
STORM DRAIN MANHOLE
STORM DRAIN INLET
WATER METER
ELECTRICAL METER
VALVE
FIRE HYDRANT
STREET LIGHT
POWER POLE
PULL BOX
SECTION NUMBER
SHEET NUMBER

KEYNOTES	ELECTRICAL LEGEND
16. GRAZING FENCE	20. EXISTING MAIN ELECTRICAL POLE
17. LIVESTOCK SHELTER-1 (60'x29')	21. EXISTING UNDERGROUND CABLE
17A. LIVESTOCK SHELTER-2 (22'x22')	22. NEW LIGHT POLE
17B. LIVESTOCK SHELTER-3 (22'x22')	23. NEW POLE FOR LIGHT & SECURITY CAMERA
18. GATE 6' WIDE	24. CONTROL PANEL FOR ELECTRIC GATE
19. MOVABLE TINY HOME PAD 40'x10'	25. EXISTING LIGHT POLE
	26. CONCRETE PAD 66'x25'
	27. SOLAR GATE OPENER
	28. EXTERIOR LIGHT ON SHED
	29. SOLAR LIGHT ON SHED

VICINITY MAP

NTS



GRAPHIC SCALE

0 50 100 200

(IN FEET)
1 inch = 100 ft.

NO.	REVISIONS	APP'D	DATE	BY

PT DESIGNED 06/21/21 DATE
CT DRAWN 06/21/21 DATE
1" = 100' SCALE
NL CHECKED 06/21/21 DATE

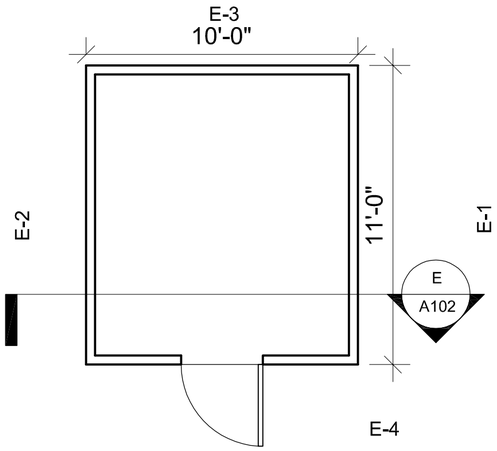
LE ENGINEERING
598 E Santa Clara St. #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

OVERALL SITE PLAN
LANDS OF
2425 OLD CALAVERAS ROAD
APN 029-34-004

Milpitas California

PROJECT NO.
CONTRACT NO.
DRAWING NO. C1
SHT NO. 4 OF 18
FILE NO.

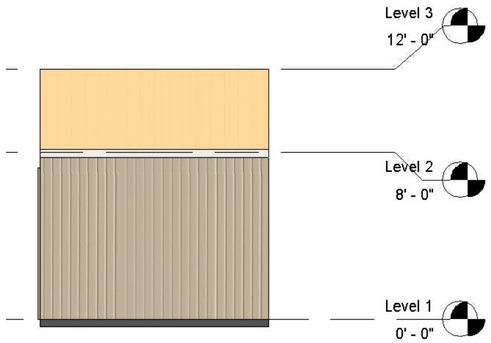
APPLICANT : .
ROAD NAME : OLD CALAVERAS ROAD
FILE NO : .



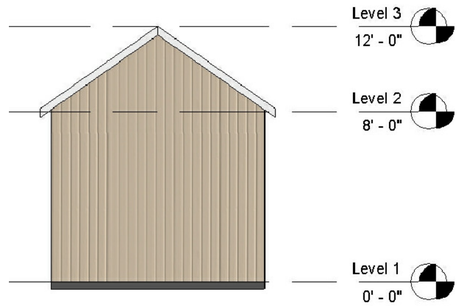
STORAGE SHED PLAN

FLOOR AREA CALCULATIONS	
SIZE	AREA (SQFT)
10' x 11'	110

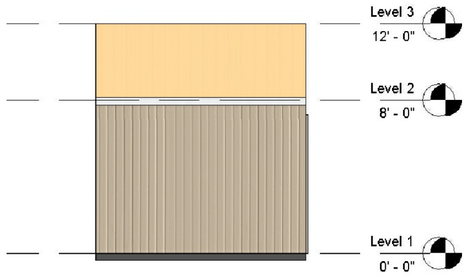
1 Level 1
3/16" = 1'-0"



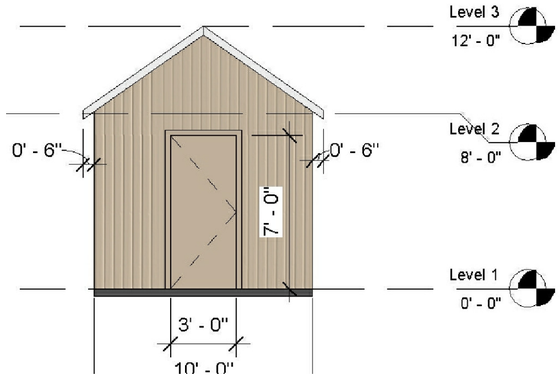
A E-1
3/16" = 1'-0"



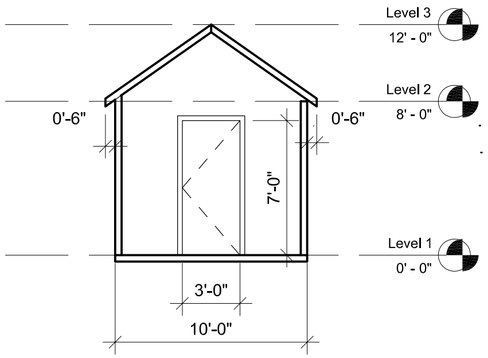
C E-3
3/16" = 1'-0"



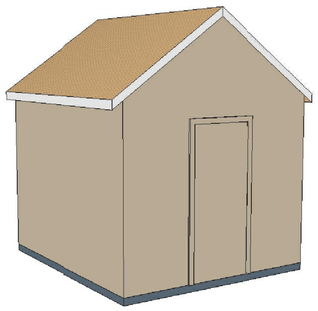
B E-2
3/16" = 1'-0"



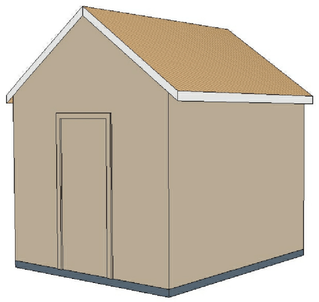
D E-4
3/16" = 1'-0"



E Section 1
3/16" = 1'-0"



1. LEFT SIDE VIEW



2. RIGHT SIDE VIEW

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)

8' 6' 4' 3' 2' 1' 0 8' 16' 24'

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

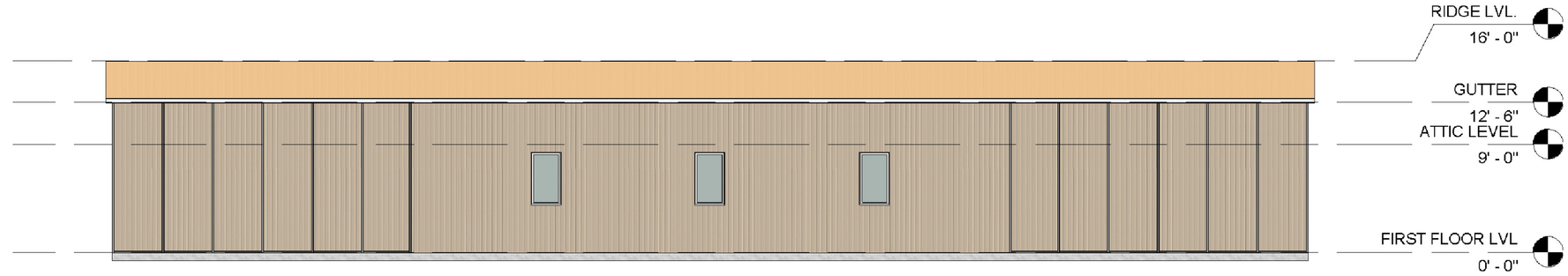
EXISTING STORAGE SHED
PLAN, ELEVATIONS, & SECTIONS

PROJECT SCHEDULE
REVISION

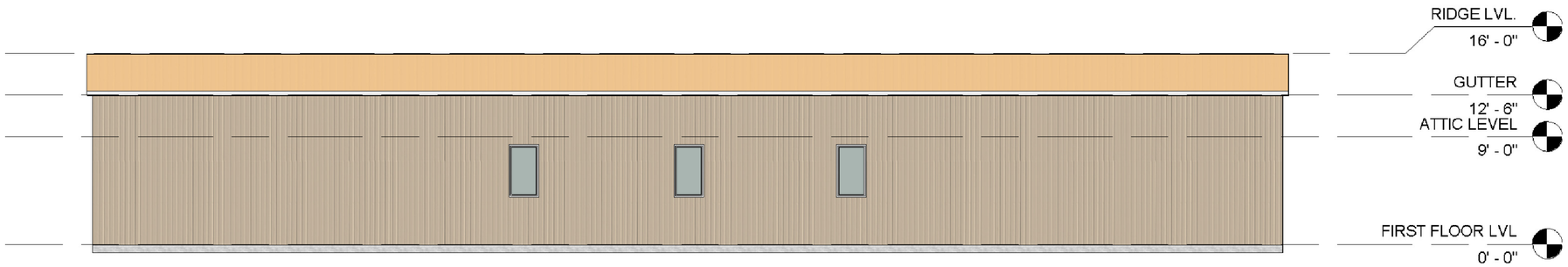
5

SCALE= 1=8'

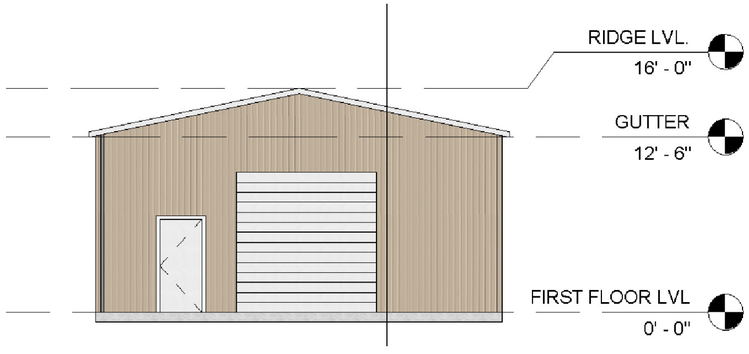
DATE:



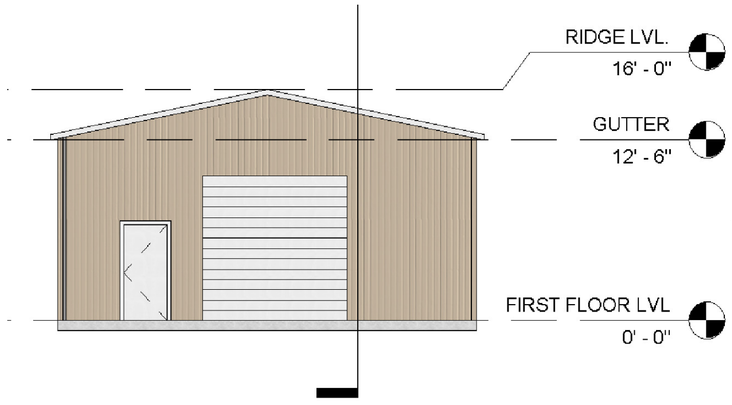
1 E-1
1/8" = 1'-0"



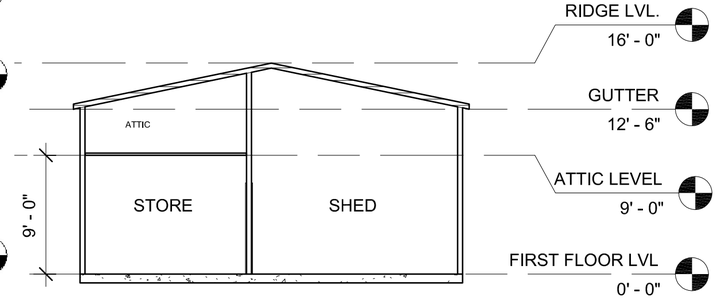
2 E-2
1/8" = 1'-0"



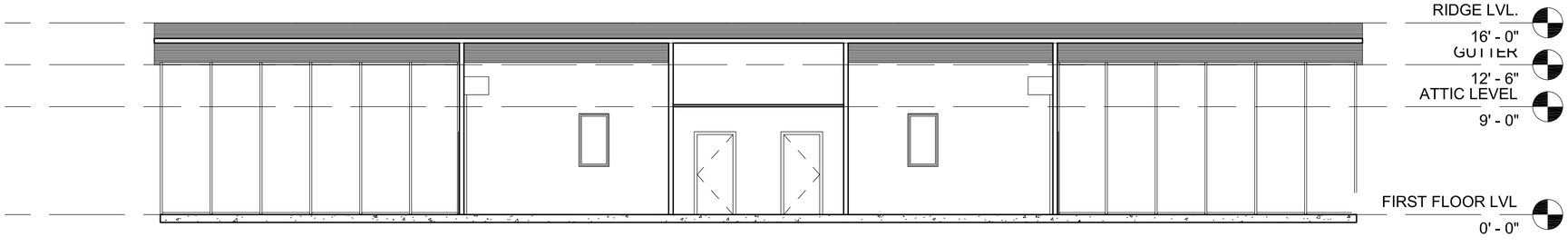
3 E-3
1/8" = 1'-0"



4 E-4
1/8" = 1'-0"



5 SECTION 1
1/8" = 1'-0"



6 SECTION 2
1/8" = 1'-0"

AG SHED

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)

8' 6' 4' 3' 2' 1' 0 8' 16' 24'

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

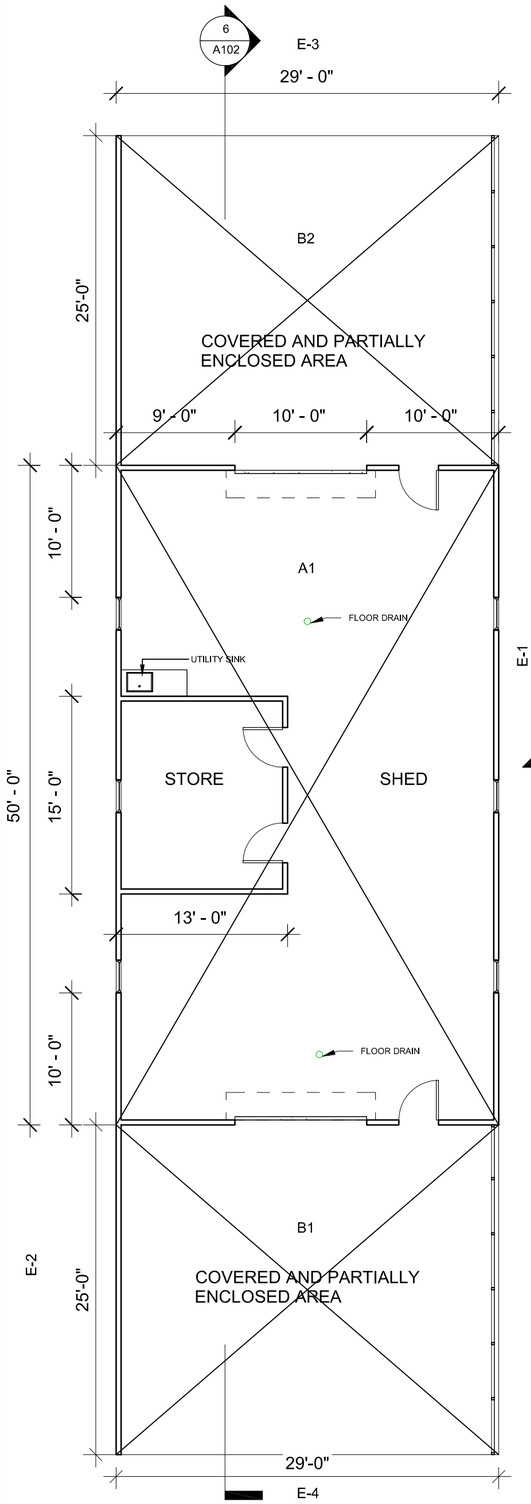
AGRICULTURAL SHED
100' X 29' ELEVATIONS &
SECTIONS

PROJECT SCHEDULE
REVISION

6

SCALE= 1=8'

DATE:



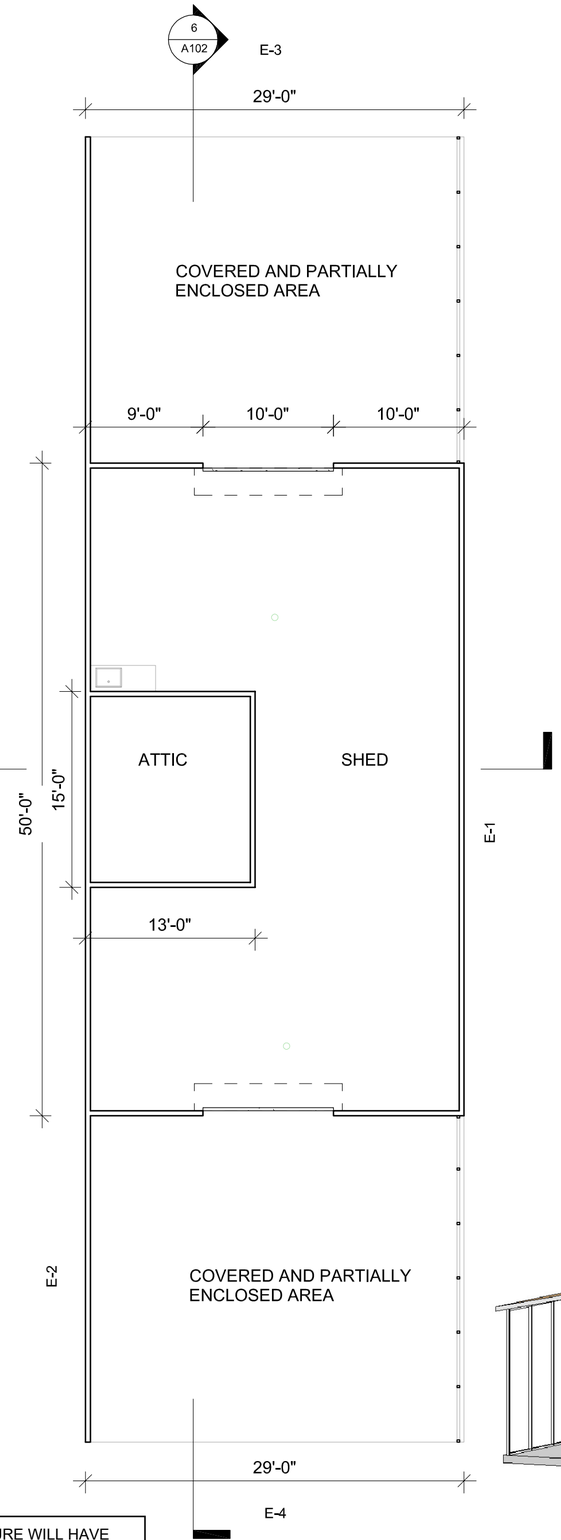
FLOOR AREA CALCULATIONS			
sr.	ID	size	Area (SQFT)
1	A1	29' x 50'	1450

COVERED & PARTIALLY ENCLOSED AREA			
sr.	ID	size	Area (SQFT)
1	B1	29' x 25'	725
2	B2	29' x 25'	725
		TOTAL	1450

STRUCTURE WILL HAVE
NFPA-13 FIRE SPRINKLERS.
DEFFERED SUBMITTAL

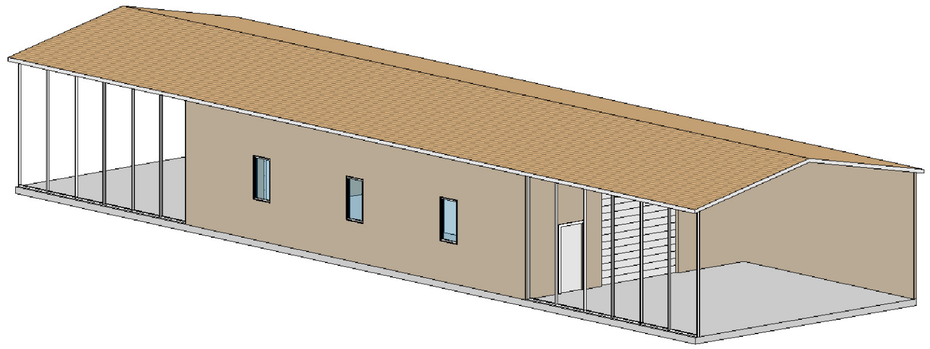
1 FIRST FLOOR LVL

1/8" = 1'-0"

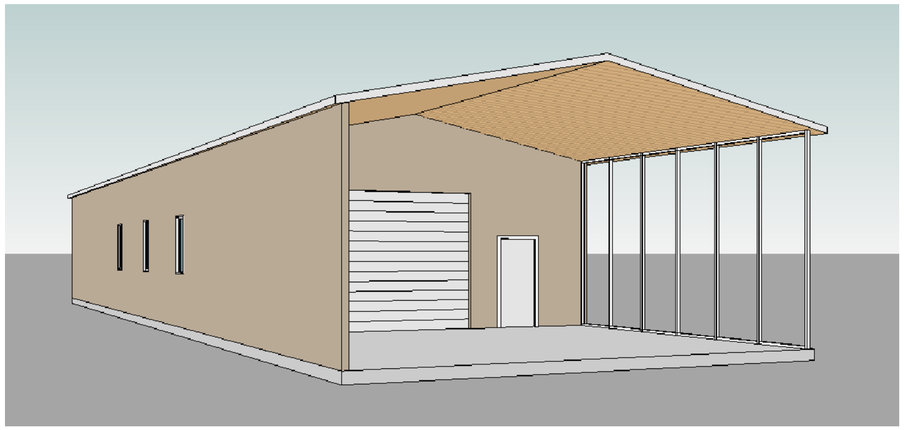


2 ATTIC LEVEL

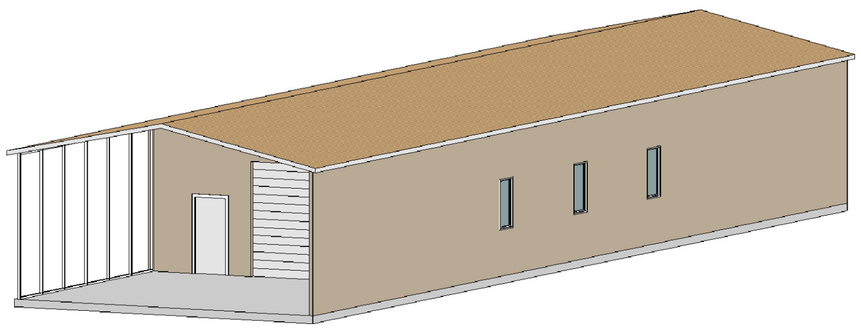
1/8" = 1'-0"



3 LEFT SIDE VIEW



5 PERSPECTIVE VIEW



4 RIGHT SIDE VIEW

AG SHED

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)

8' 6' 4' 3' 2' 1' 0 8' 16' 24'

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

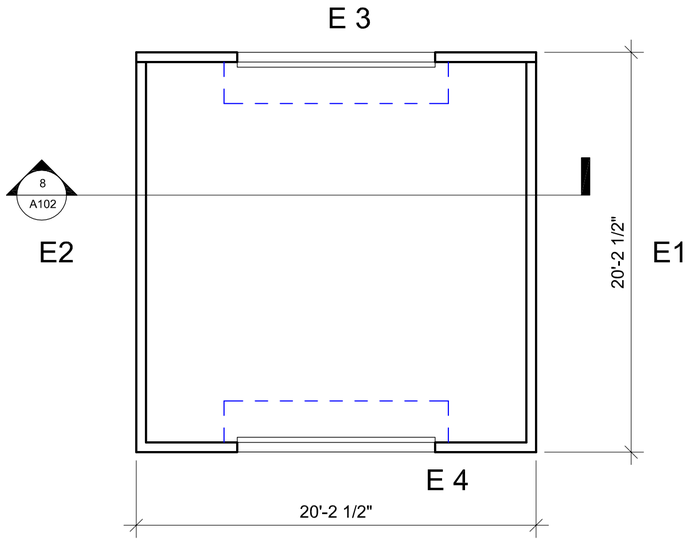
AGRICULTURAL SHED
100' X 29' PLAN VIEW

PROJECT SCHEDULE
REVISION

7

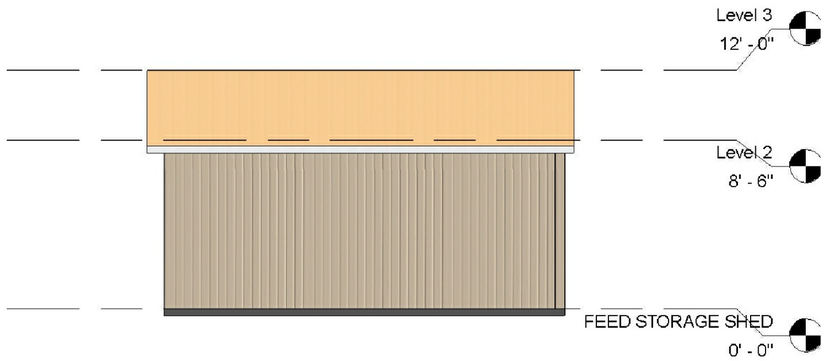
SCALE= 1=8'

DATE:

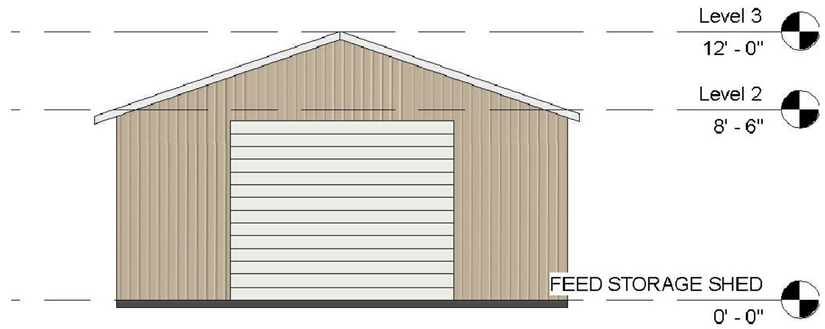


FLOOR AREA CALCULATIONS	
SIZE	AREA (SQFT)
20.21' x 20.21'	408.44

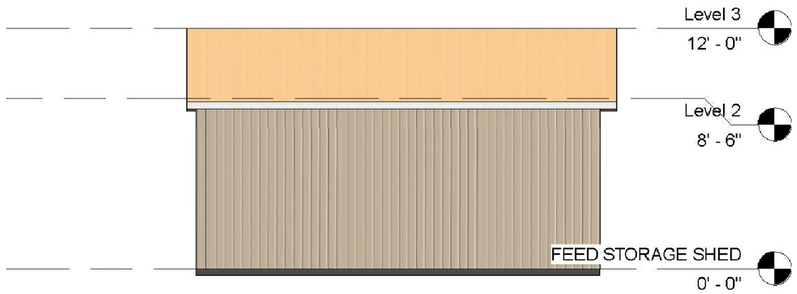
1 FEED STORAGE SHED
3/16" = 1'-0"



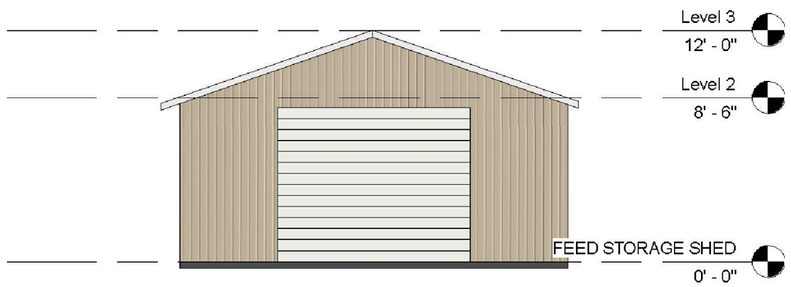
2 E-1
3/16" = 1'-0"



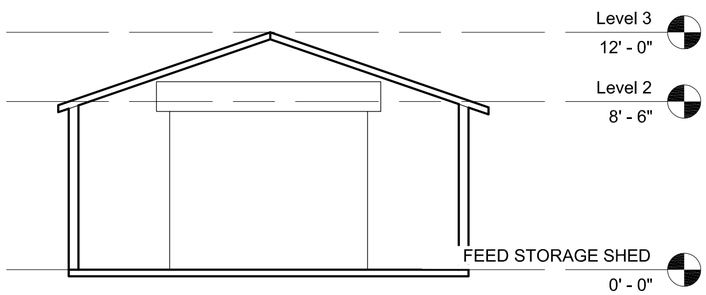
3 E-3
3/16" = 1'-0"



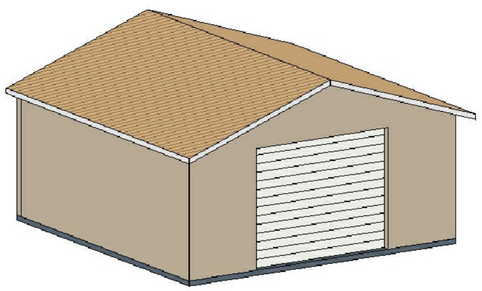
5 E-2
3/16" = 1'-0"



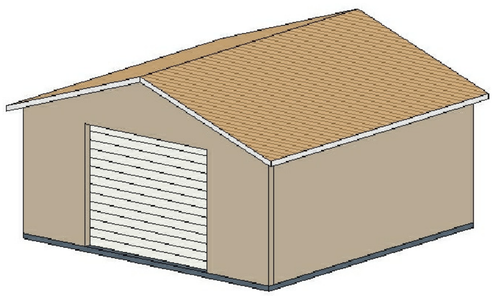
4 E-4
3/16" = 1'-0"



8 Section 1
3/16" = 1'-0"



6 E2 VIEW



7 E1 VIEW

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

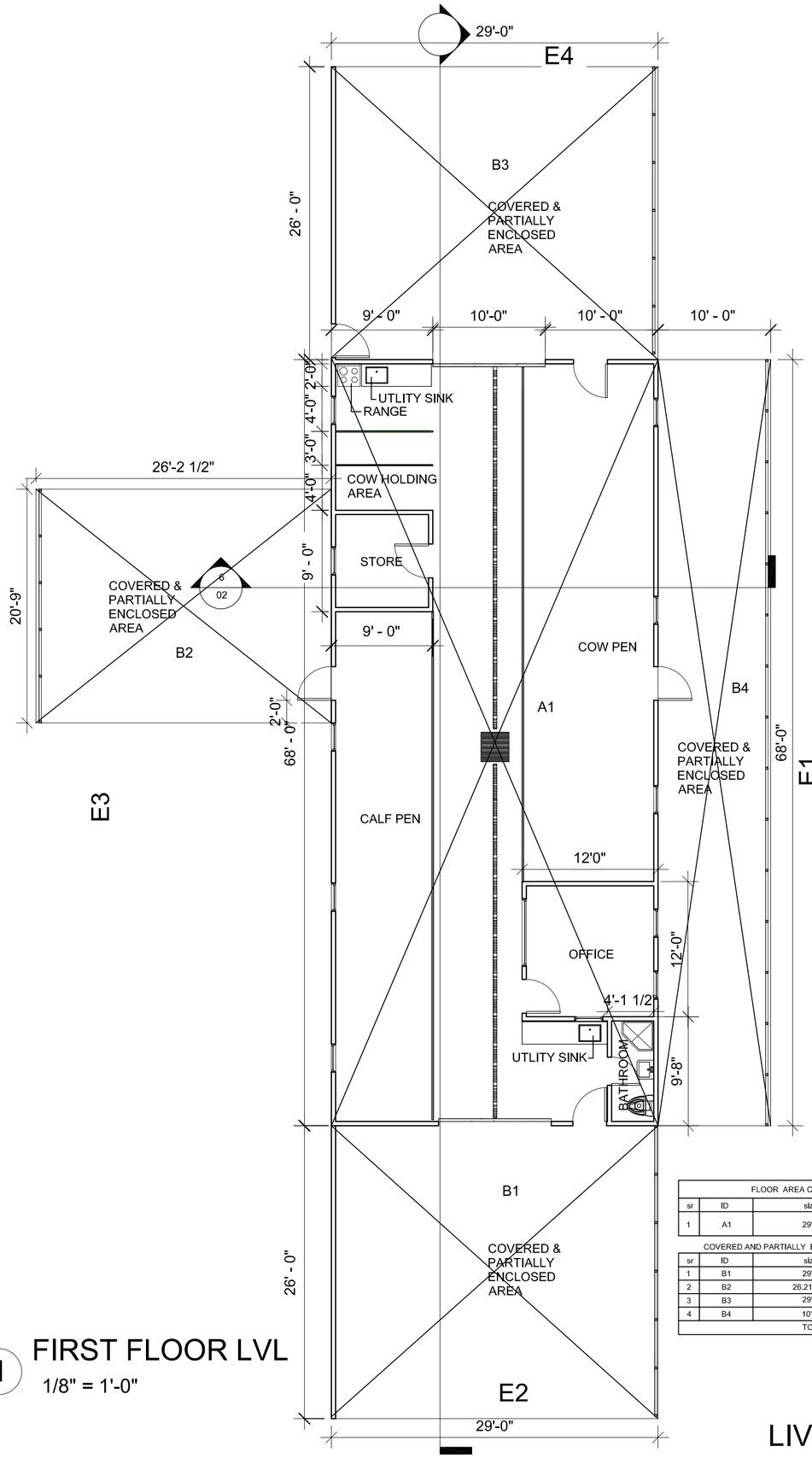
EXISTING SHED
PLAN, ELEVATIONS, & SECTION

PROJECT SCHEDULE
REVISION

8

SCALE= 1=8'

DATE:



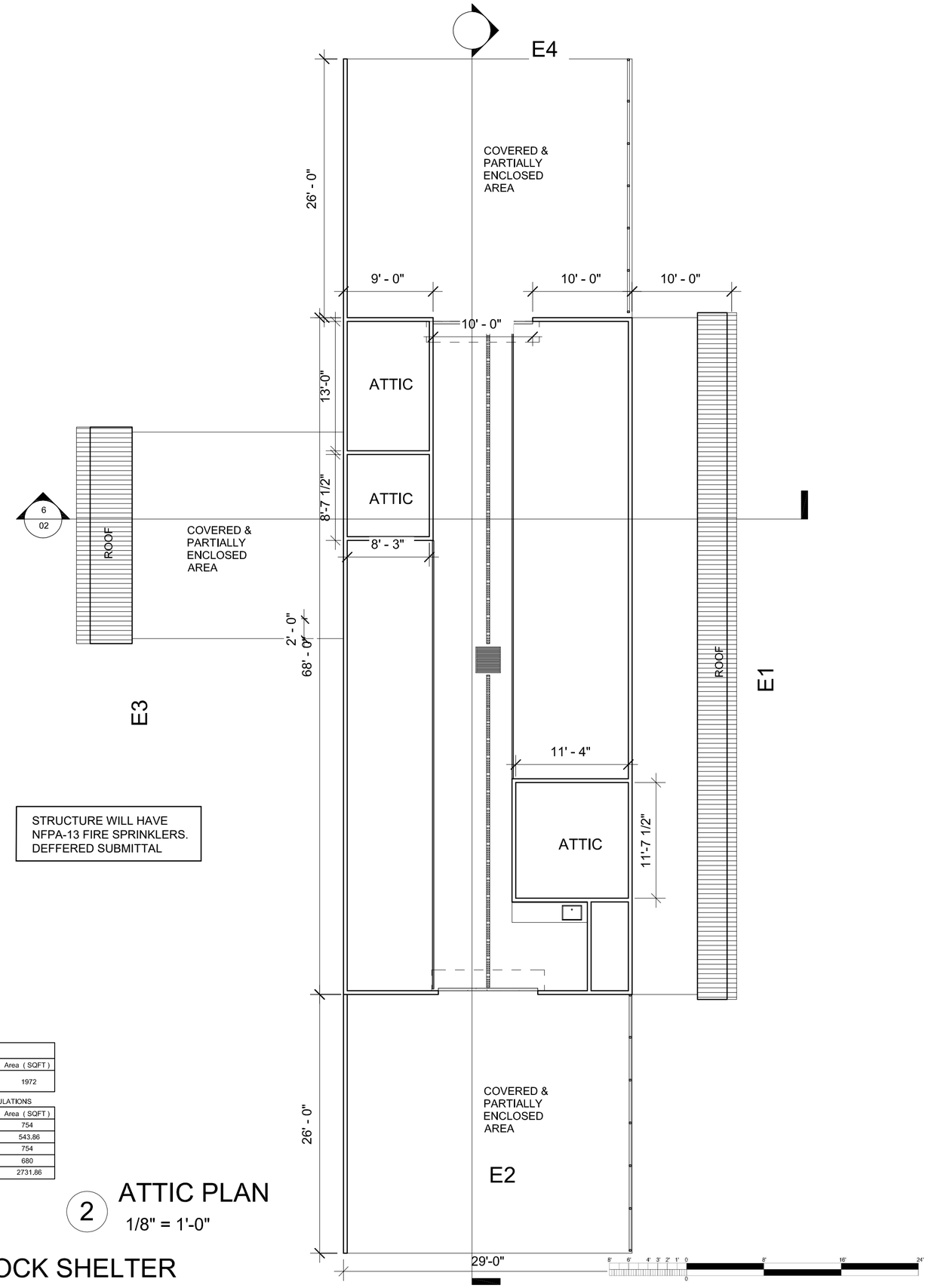
FLOOR AREA CALCULATIONS			
sr	ID	size	Area (SQFT)
1	A1	29' x 68'	1972

COVERED AND PARTIALLY ENCLOSED CALCULATIONS			
sr	ID	size	Area (SQFT)
1	B1	29' x 26'	754
2	B2	26.21' x 20.75'	543.86
3	B3	29' x 26'	754
4	B4	10' x 68'	680
		TOTAL	2731.86

1 FIRST FLOOR LVL

1/8" = 1'-0"

STRUCTURE WILL HAVE
NFPA-13 FIRE SPRINKLERS.
DEFFERED SUBMITTAL



2 ATTIC PLAN

1/8" = 1'-0"

LIVESTOCK SHELTER

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

LIVESTOCK SHELTER 120' X 29' PLAN

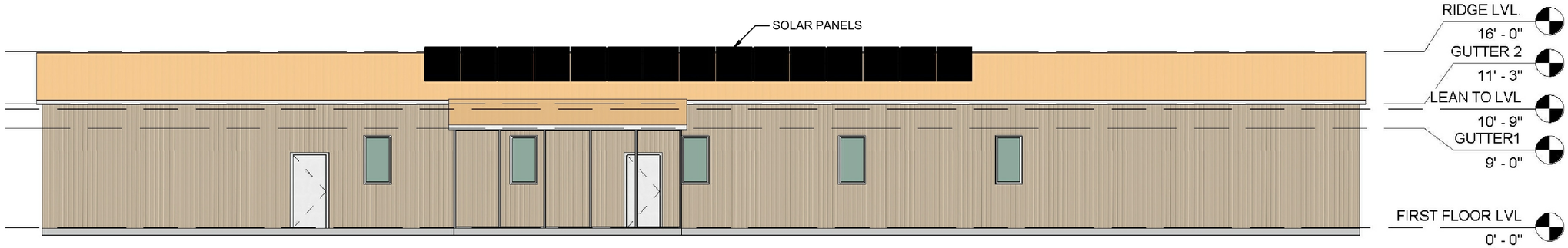
PROJECT SCHEDULE
REVISION

9

SCALE= 1=8'

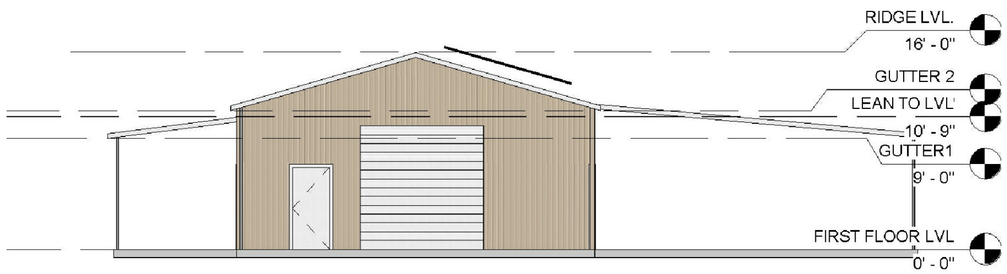
DATE:

1 E1
1/8" = 1'-0"

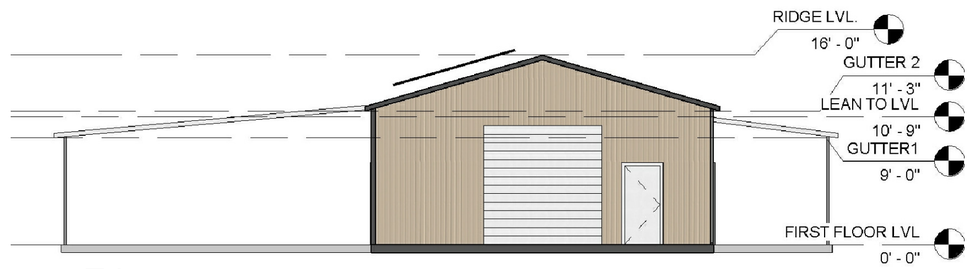


2 E3
1/8" = 1'-0"

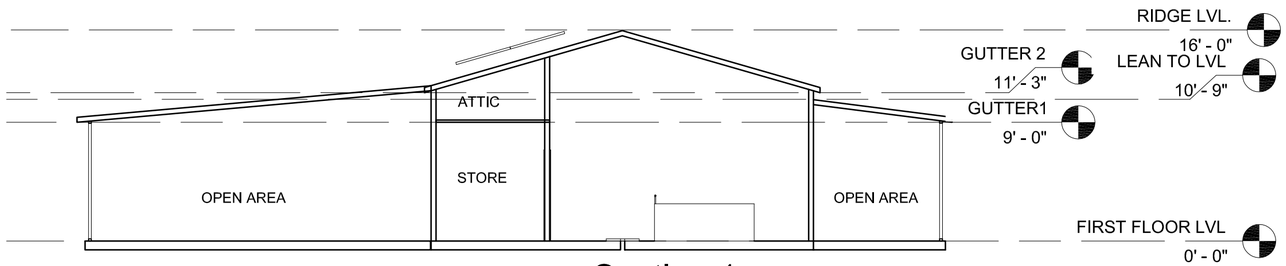
LIVESTOCK SHELTER



3 E2
1/8" = 1'-0"



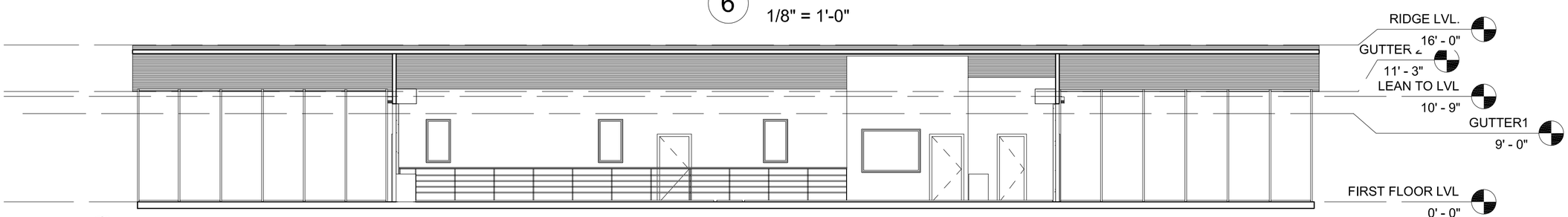
4 E4
1/8" = 1'-0"



6 Section 1
1/8" = 1'-0"

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)



5 Section 2
1/8" = 1'-0"

LIVESTOCK SHELTER

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

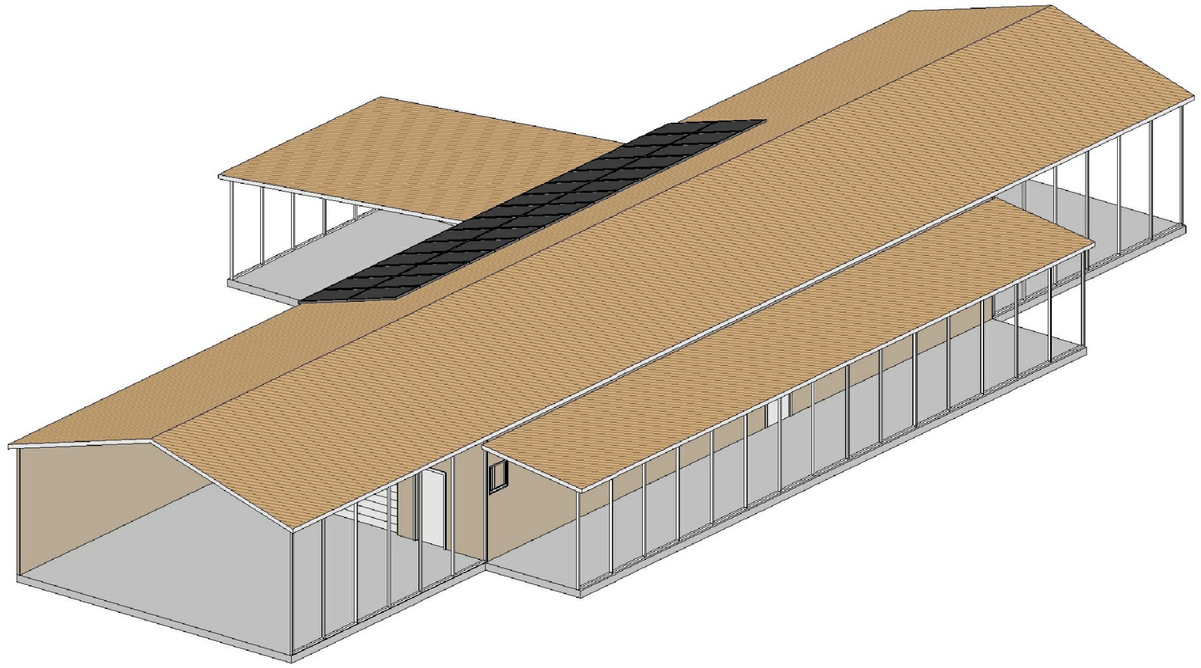
LIVESTOCK SHELTER 120' X 29'
ELEVATIONS & SECTIONS

PROJECT SCHEDULE
REVISION

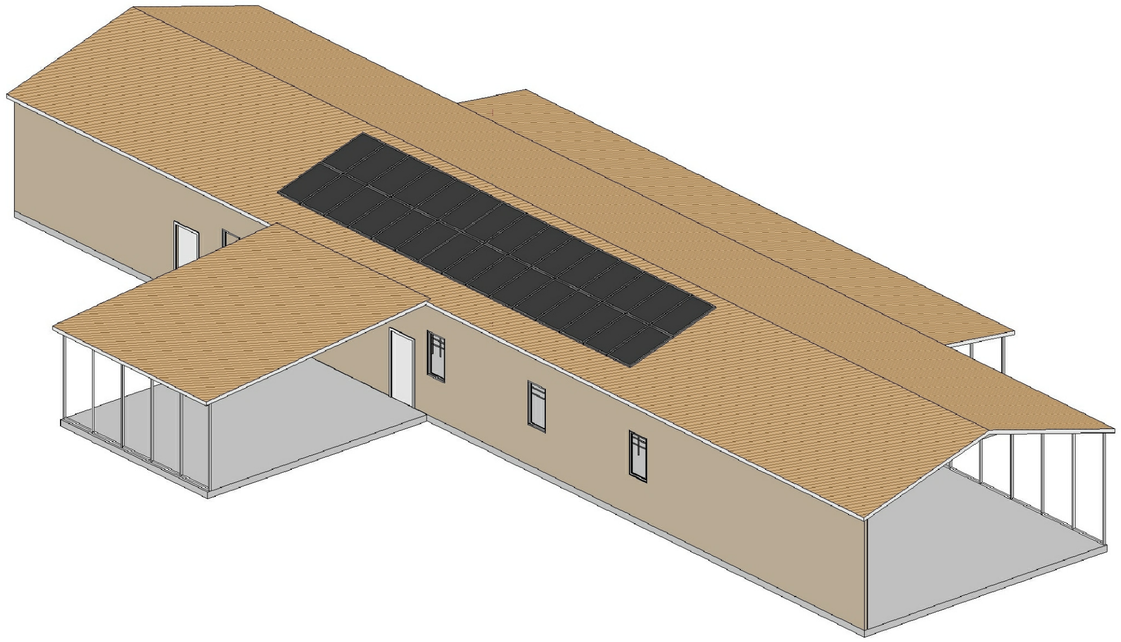
10

SCALE= 1=8'

DATE:



1 VIEW E1 SIDE



2 VIEW E2 SIDE

LIVESTOCK SHELTER

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)

8' 6' 4' 3' 2' 1' 0 8' 16' 24'

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
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MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

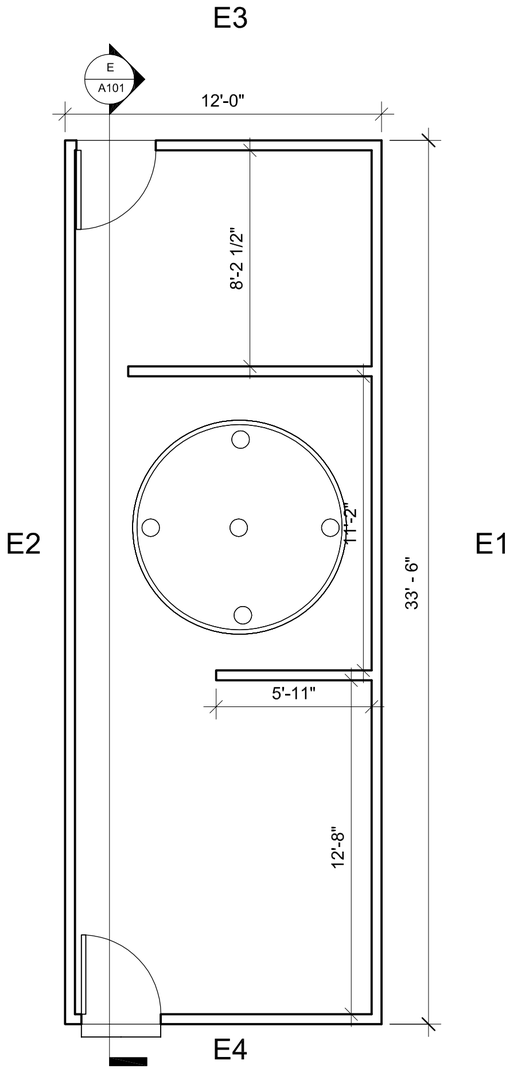
LIVESTOCK SHELTER 120' X 29' VIEW

PROJECT SCHEDULE
REVISION

11

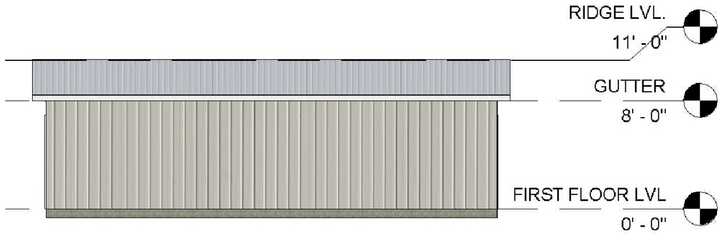
SCALE= 1=8'

DATE:

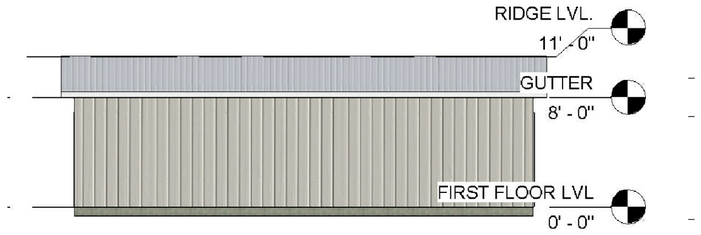


WELL SHED FIRST FLOOR

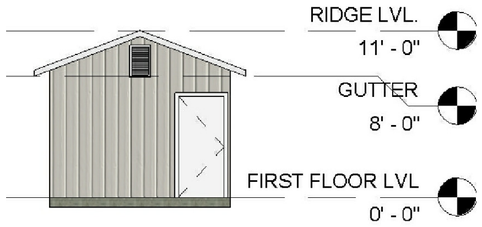
FLOOR AREA CALCULATIONS	
SIZE	AREA (SQFT)
12' x 33.5'	402



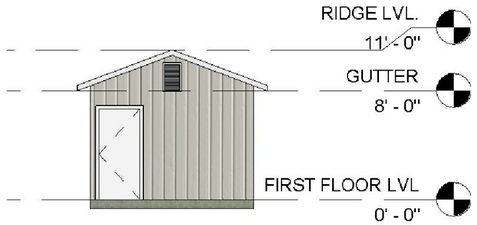
A E-1
1/8" = 1'-0"



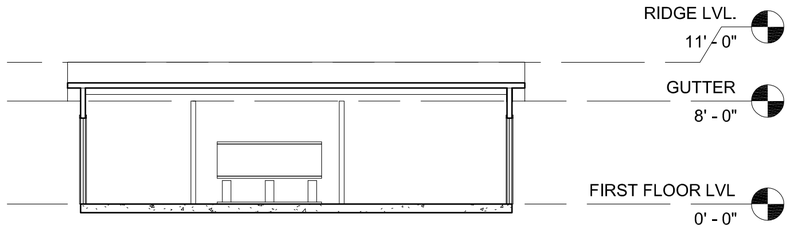
B E-2
1/8" = 1'-0"



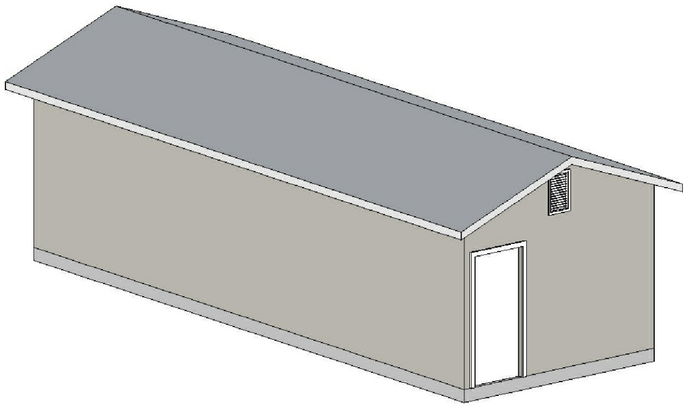
C E-3
1/8" = 1'-0"



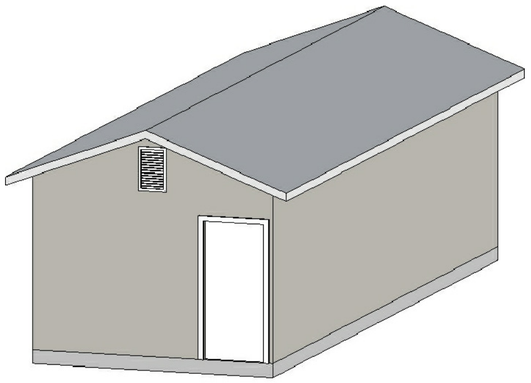
D E-4
1/8" = 1'-0"



E Section 1
1/8" = 1'-0"



1. RIGHT SIDE VIEW



2. LEFT SIDE VIEW

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
PEWTER GREY (LRV 33)	ASH GREY (LRV 44.83)	WHITE (LRV 99.2)

8' 6' 4' 3' 2' 1' 0 8' 16' 24'

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
(408)806-7187 | FAX (408) 583-4006

PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

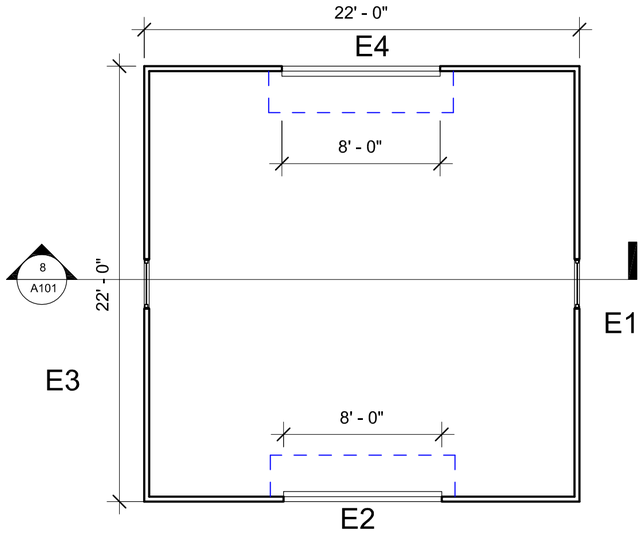
EXISTING WELL SHED
FLOOR PLAN & ELEVATIONS

PROJECT SCHEDULE
REVISION

12

SCALE= 1=8'

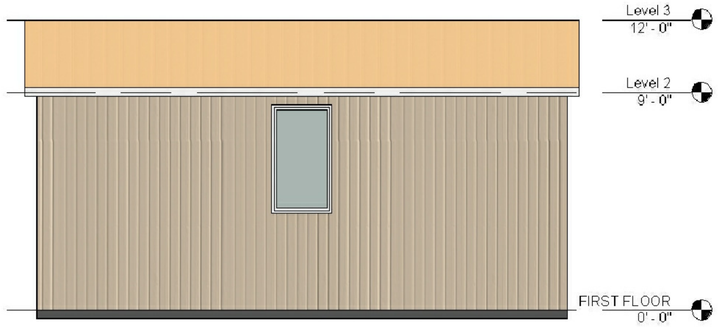
DATE:



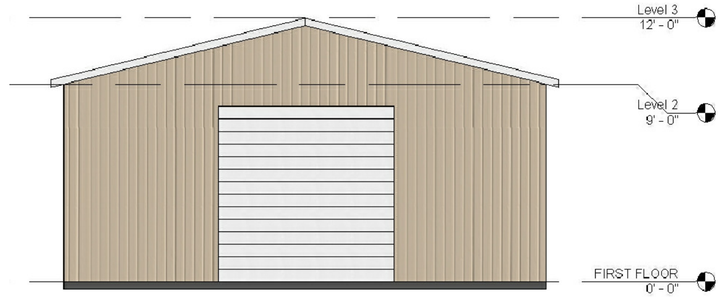
LIVE STOCK SHELTER PLAN

FLOOR AREA CALCULATIONS	
size	Area (SQFT)
22' x 22'	484

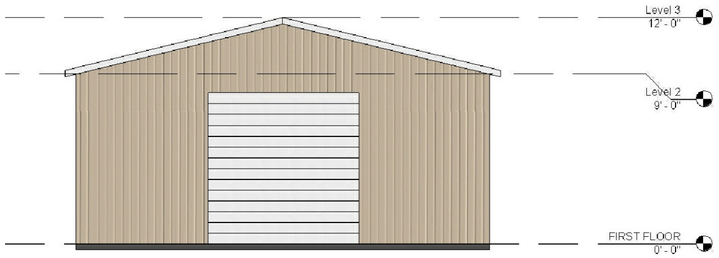
1 FIRST FLOOR
3/16" = 1'-0"



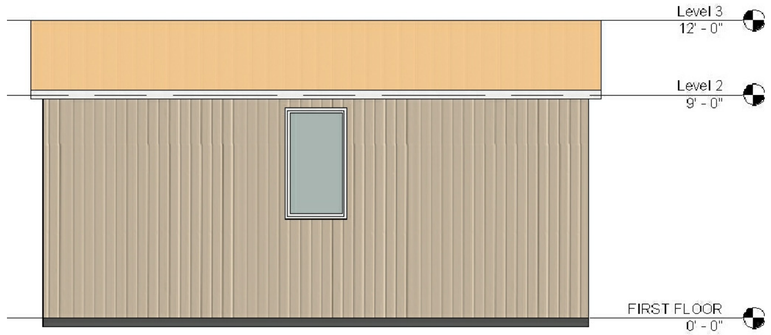
3 E1
3/16" = 1'-0"



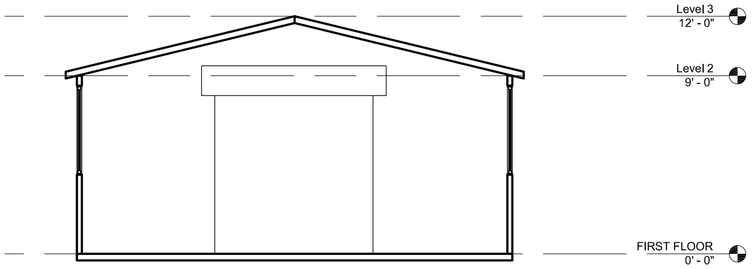
2 E4
3/16" = 1'-0"



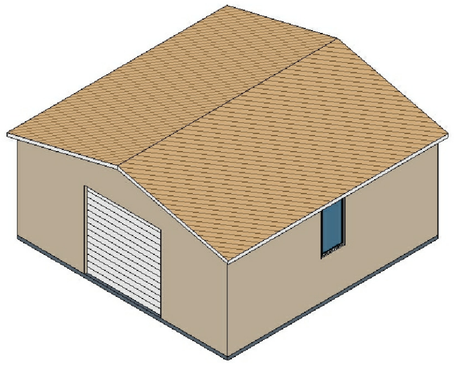
4 E2
3/16" = 1'-0"



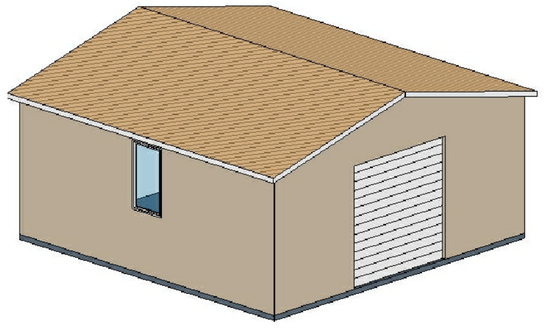
5 E3
3/16" = 1'-0"



8 Section 1
3/16" = 1'-0"



6 VIEW FROM E1



7 VIEW FROM E3

COLOR AND MATERIAL PALETTE

WALL CLADDING	METAL ROOFING, GUTTER, EAVES	DOOR, WINDOW, FRAME, TRIMS
CLAY (LRV 41.57)	RAW HIDE (LRV 39.3)	WHITE (LRV 99.2)

8' 6' 4' 3' 2' 1' 0 8' 16' 24'

N

ARCHITECT:
LE ENGINEERING
598 E SANTA CLARA ST#270
SAN JOSE, CA 95112
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PROJECT TITLE:
LANDS OF :
2445 OLD CALAVERAS ROAD | APN-029-034-004
MILIPITAS , CALIFORNIA

DRAWN BY: VARUN

CHECK BY:

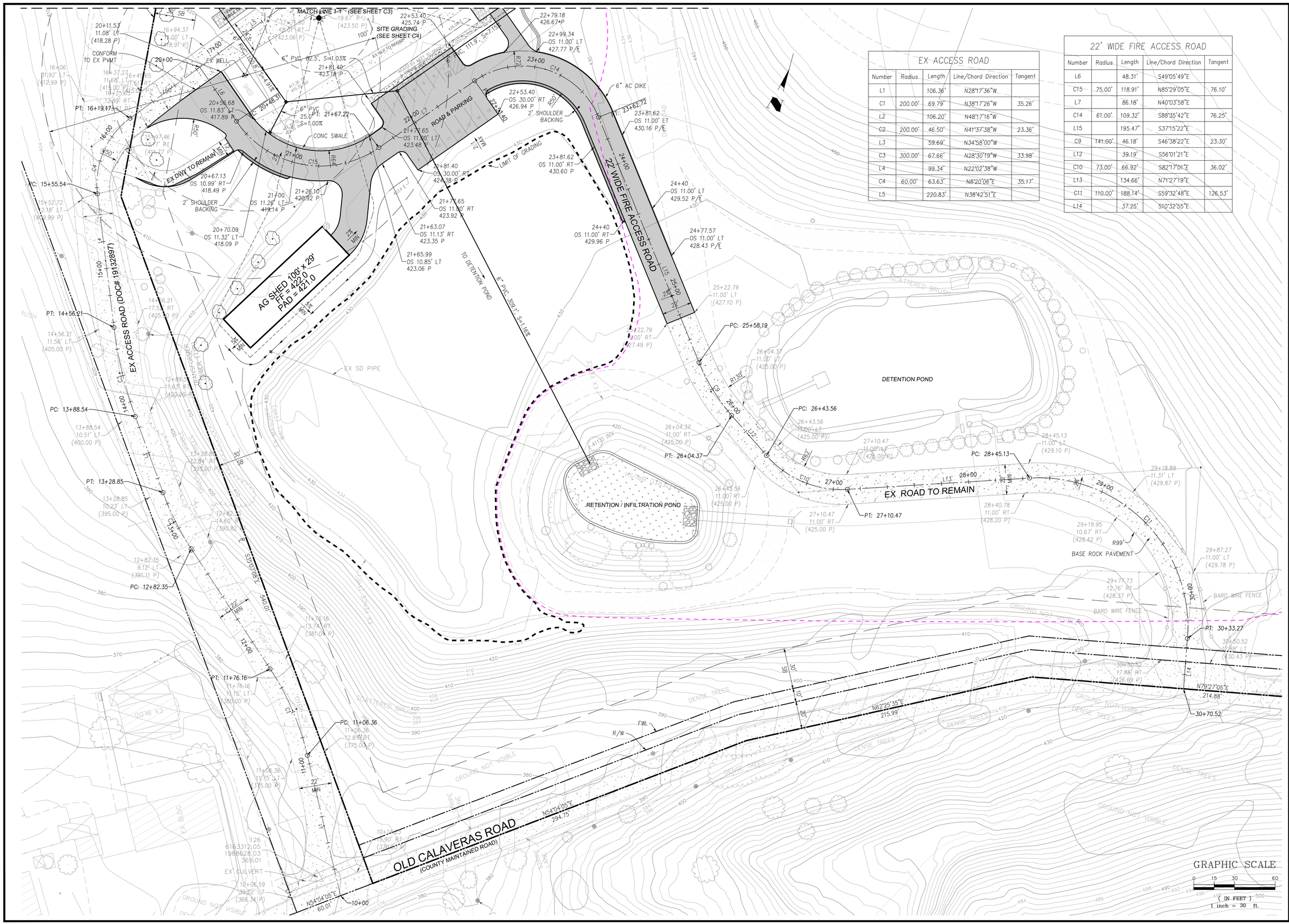
LIVESTOCK SHED
FLOOR PLAN, ELEVATIONS,
& SECTIONS

PROJECT SCHEDULE
REVISION

13

SCALE= 1=8'

DATE:



EX ACCESS ROAD

Number	Radius	Length	Line/Chord Direction	Tangent
L1		106.36'	N28°17'36"W	
C1	200.00'	69.79'	N38°17'26"W	35.26'
L2		106.20'	N48°17'16"W	
C2	200.00'	46.50'	N41°37'38"W	23.36'
L3		59.69'	N34°58'00"W	
C3	300.00'	67.66'	N28°30'19"W	33.98'
L4		99.34'	N22°02'38"W	
C4	60.00'	63.63'	N8°20'06"E	35.17'
L5		220.83'	N38°42'51"E	

22' WIDE FIRE ACCESS ROAD

Number	Radius	Length	Line/Chord Direction	Tangent
L6		48.31'	S49°05'49"E	
C15	75.00'	118.91'	N85°29'05"E	76.10'
L7		86.18'	N40°03'58"E	
C14	61.00'	109.32'	S88°35'42"E	76.25'
L15		195.47'	S37°15'22"E	
C9	141.00'	46.18'	S46°38'22"E	23.30'
L12		39.19'	S56°01'21"E	
C10	73.00'	66.92'	S82°17'01"E	36.02'
L13		134.66'	N71°27'19"E	
C11	110.00'	188.14'	S59°32'48"E	126.53'
L14		37.25'	S10°32'55"E	

NO.	REVISIONS	APP'D	DATE	BY

PT	DESIGNED	12/08/20 DATE
PT	DRAWN	12/08/20 DATE
1" = 30'	SCALE	
NL	CHECKED	12/08/20 DATE

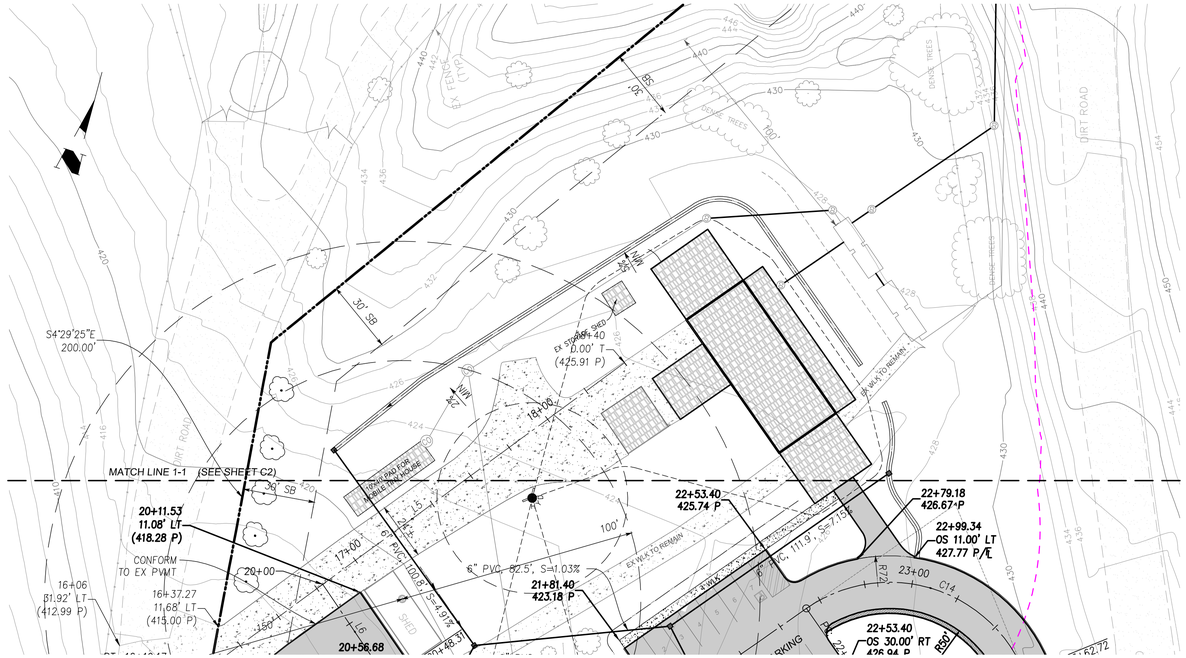
LF ENGINEERING
598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

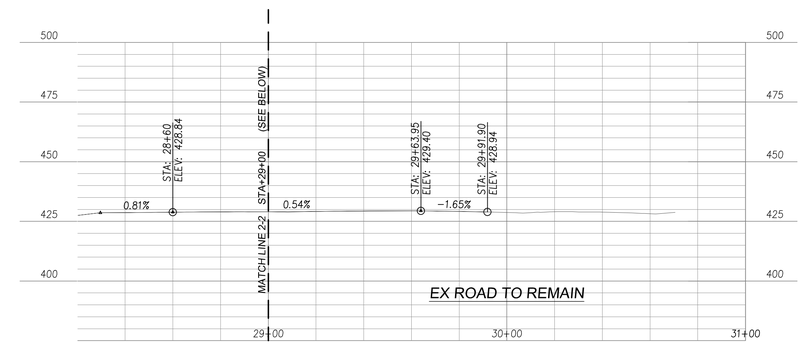
ACCESS ROAD PLAN
LANDS OF
2425 OLD CALAVERAS ROAD
APN 029-34-004

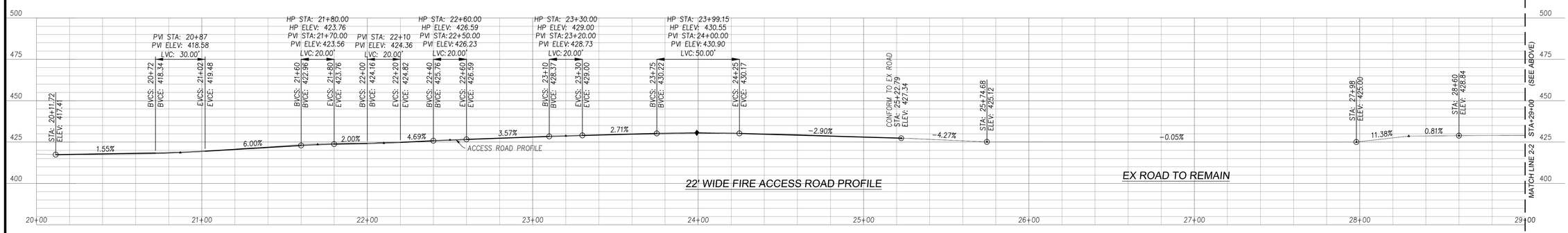
Milpitas California

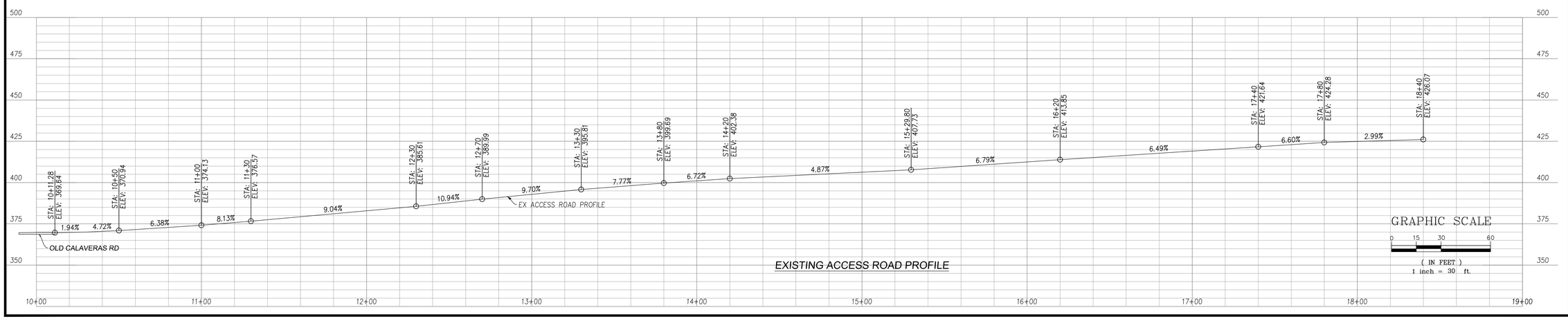
PROJECT NO.
CONTRACT NO.
DRAWING NO. C2
SHT NO. 14 OF 18
FILE NO.

APPLICANT : .
ROAD NAME : OLD CALAVERAS ROAD
FILE NO : .









NO.	REVISIONS	APP'D	DATE	BY

PT	12/08/20
DESIGNED	DATE
PT	12/08/20
DRAWN	DATE
1" = 30'	
SCALE	
NL	12/08/20
CHECKED	DATE

LG ENGINEERING
598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

ACCESS ROAD PROFILES & SECTIONS
LANDS OF
2425 OLD CALAVERAS ROAD
APN 029-34-004

Milpitas California

PROJECT NO.

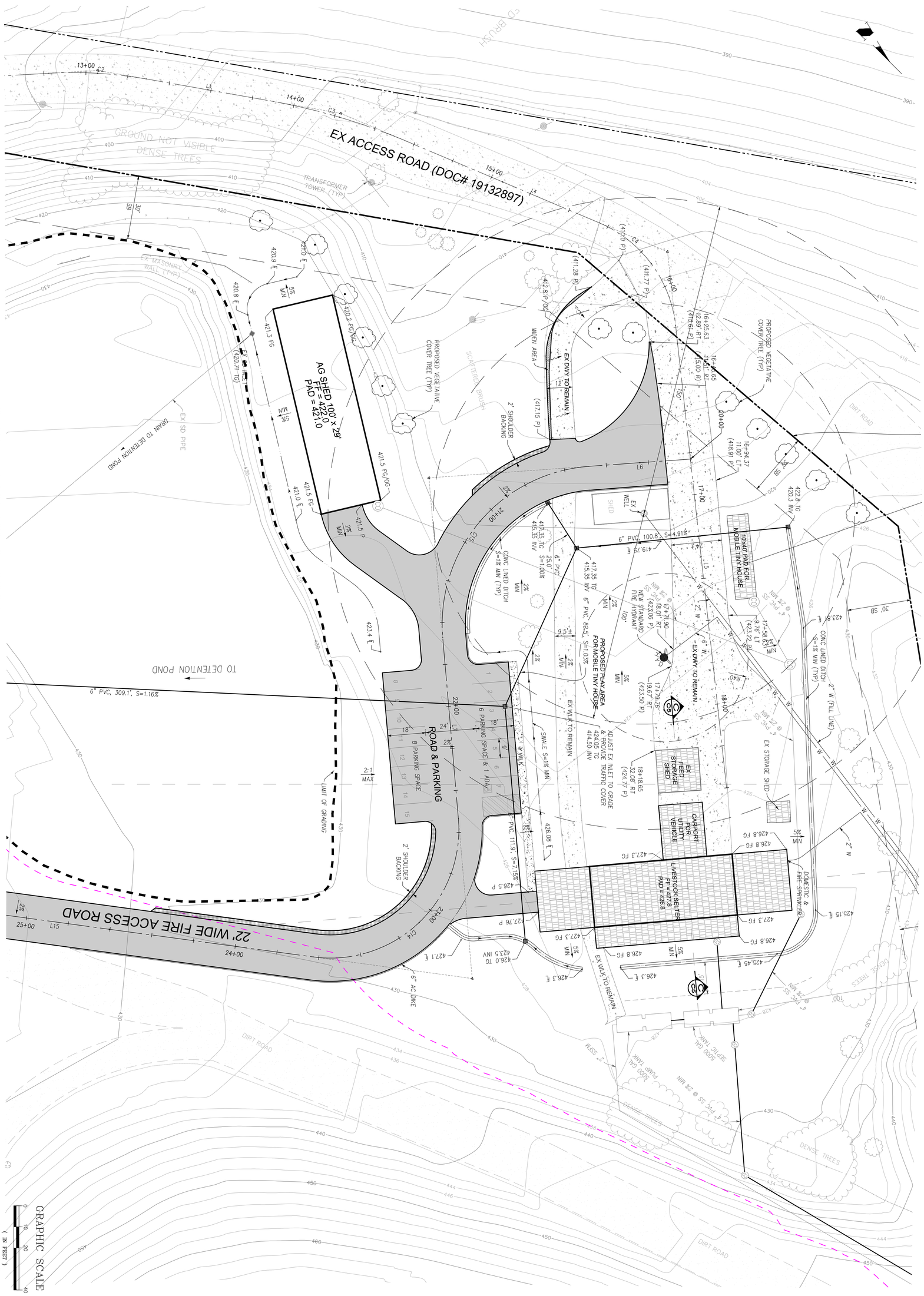
CONTRACT NO.

DRAWING NO. C3

SHT NO. 15 OF 18

FILE NO.

APPLICANT : . ROAD NAME : OLD CALAVERAS ROAD FILE NO : .

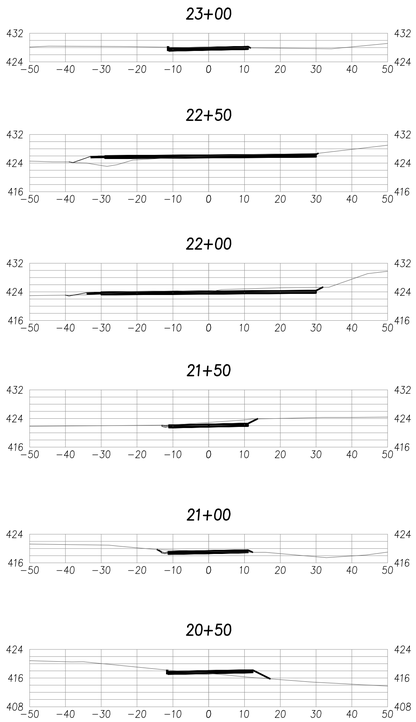


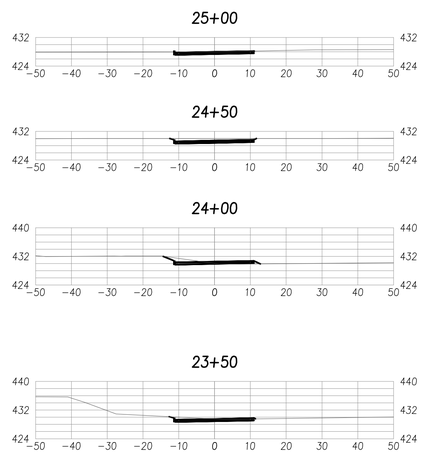
APPLICANT : .

ROAD NAME : OLD CALAVERAS ROAD

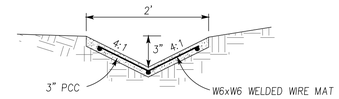
FILE NO : .

DRAWING NO.	DRIVEWAY, PARKING & SITE GRADING & DRAINAGE PLAN LANDS OF 2425 OLD CALAVERAS ROAD APN 029-34-004	LE ENGINEERING 598 E Santa Clara St, #270 San Jose, CA 95112 Phone: (408) 806-7187 Fax: (408) 583-4006	PT 12/08/20 DESIGNED DATE PT 12/08/20 DRAWN DATE 1" = 20' SCALE NL 12/08/20 CHECKED DATE	BY	DATE	APP'D	REVISIONS	NO.
C4								
SHT NO. 16 OF 18	Milpitas California							
FILE NO.	CONTRACT NO.	PROJECT NO.						

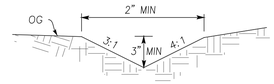




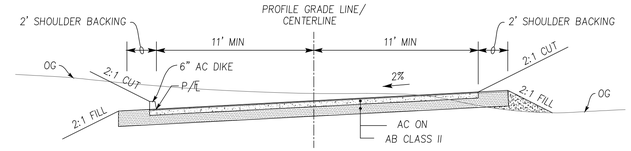
ACCESS ROAD SECTIONS
1" = 20'



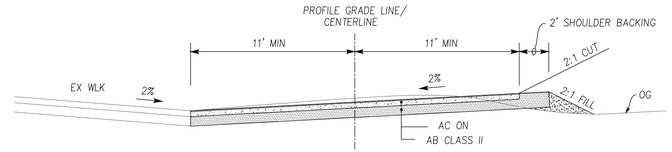
CONC LINED DITCH TYPICAL SECTION
NTS



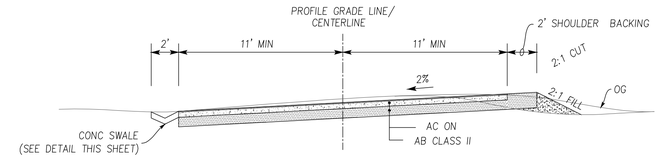
SWALE TYPICAL SECTION
NTS



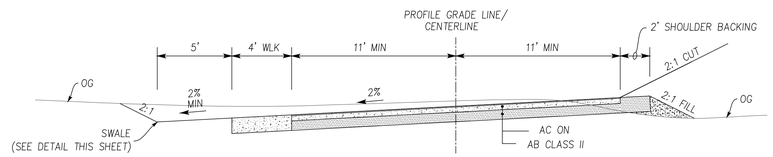
ACCESS ROAD TYPICAL SECTION
NTS
FROM 20+11.53 TO 20+56.68
FROM 21+65.99 TO 21+81.40
FROM 22+53.40 TO 22+79.18
FROM 22+99.34 TO 24+77.57



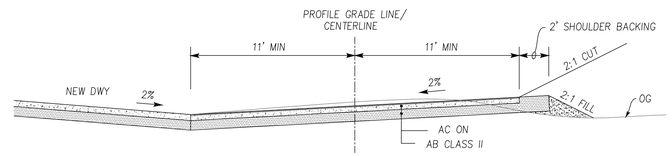
ACCESS ROAD TYPICAL SECTION
NTS
FROM 20+56.68 TO 20+70.09



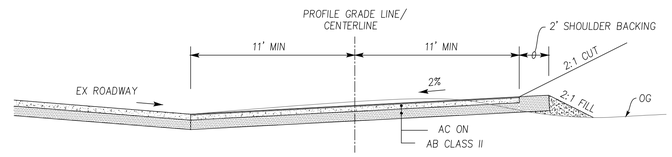
ACCESS ROAD TYPICAL SECTION
NTS
FROM 20+70.09 TO 21+65.99



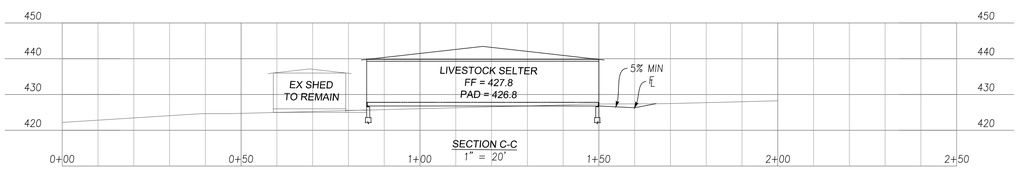
ACCESS ROAD TYPICAL SECTION
NTS
FROM 20+56.68 TO 20+70.09
FROM 21+81.40 TO 22+53.40
FROM 22+78.18 TO 22+99.34



ACCESS ROAD TYPICAL SECTION
NTS
FROM 22+78.18 TO 22+99.34



ACCESS ROAD TYPICAL SECTION
NTS
FROM 24+77.57 TO 25+22.79



SECTION C-C
1" = 20'

TOTAL VOLUME TABLE FOR NEW ACCESS ROAD & PARKING AREA						
Station	Fill Area	Cut Area	Fill Volume	Cut Volume	Cumulative Fill Vol	Cumulative Cut Vol
20+50	24.03	1.86	0.00	0.00	0.00	0.00
21+00	5.19	6.06	29.79	6.47	29.79	6.47
21+50	0.01	13.40	5.27	18.19	35.06	24.66
22+00	3.02	23.31	2.53	35.78	37.59	60.44
22+50	34.76	2.21	34.99	23.63	72.58	84.07
23+00	2.45	1.51	44.56	2.84	117.14	86.92
23+50	1.80	4.75	3.51	6.56	120.65	93.48
24+00	10.34	6.86	10.96	11.15	131.61	104.63
24+50	0.00	12.81	9.57	18.21	141.18	122.84
25+00	0.52	0.84	0.49	12.64	141.67	135.48

NOTES:

1. THICKNESS OF AC & BASE SECTION SHALL BE DETERMINED BY GEOTECHNICAL ENGINEER.
2. ALL DRIVEWAYS, ACCESS ROAD, AND PARKING LOTS TO BE MADE OF AN ALL WEATHER SURFACE CAPABLE OF SUPPORTING 75,000 POUNDS.

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

NO.	REVISIONS	APP'D	DATE	BY

PT DESIGNED 12/08/20 DATE
PT DRAWN 12/08/20 DATE
1" = 20' (OTHERWISE NOTED) SCALE
NL CHECKED 12/08/20 DATE

ENGINEERING
598 E Santa Clara St, #270
San Jose, CA 95112
Phone: (408) 806-7187
Fax: (408) 583-4006

22' WIDE FIRE ACCESS ROAD SECTIONS
LANDS OF
2425 OLD CALAVERAS ROAD
APN 029-34-004

Milpitas California

PROJECT NO.
CONTRACT NO.
DRAWING NO. C5
SHT NO. 17 OF 18
FILE NO.

APPLICANT : . ROAD NAME : OLD CALAVERAS ROAD FILE NO : .