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Graphics

NAPA COUNTY LAND USE PLAN 2008 – 2030



SCALE IN MILES
0 ½ Mile]

LEGEND



URBANIZED OR NON-AGRICULTURAL

- Study Area
- Cities
- Urban Residential*
- Rural Residential*
- Industrial
- Public-Institutional
- Napa Pipe Mixed Use

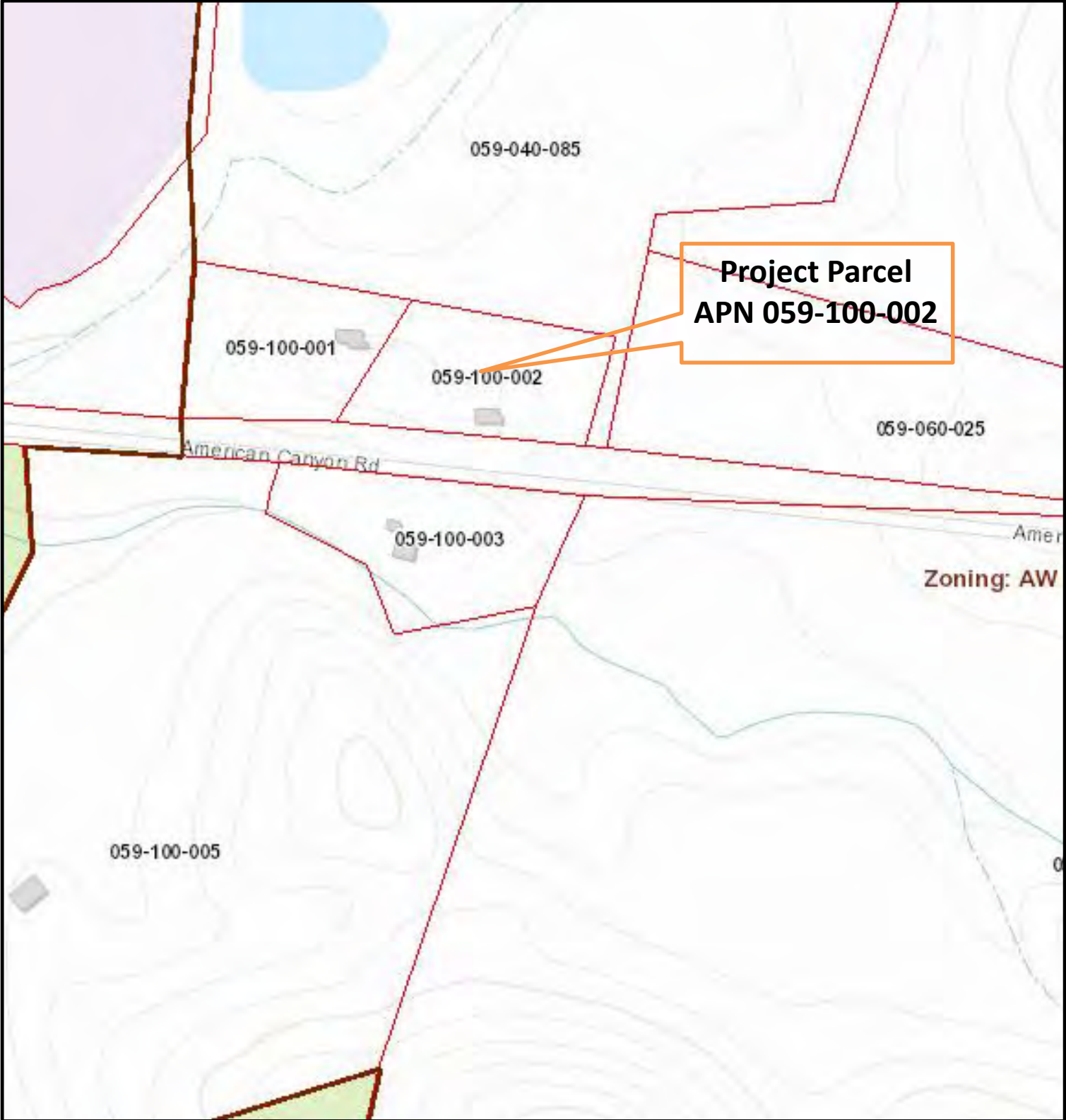
OPEN SPACE

- Agriculture, Watershed & Open Space
- Agricultural Resource

TRANSPORTATION

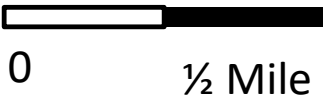
- Mineral Resource
- Limited Access Highway
- American Canyon ULL
- City of Napa RUL
- Landfill - General Plan
- Road
- Airport
- Railroad
- Airport Clear Zone

* See Action Item AG/LU-114.1 regarding agriculturally zoned areas within these land use designations.



LEGEND

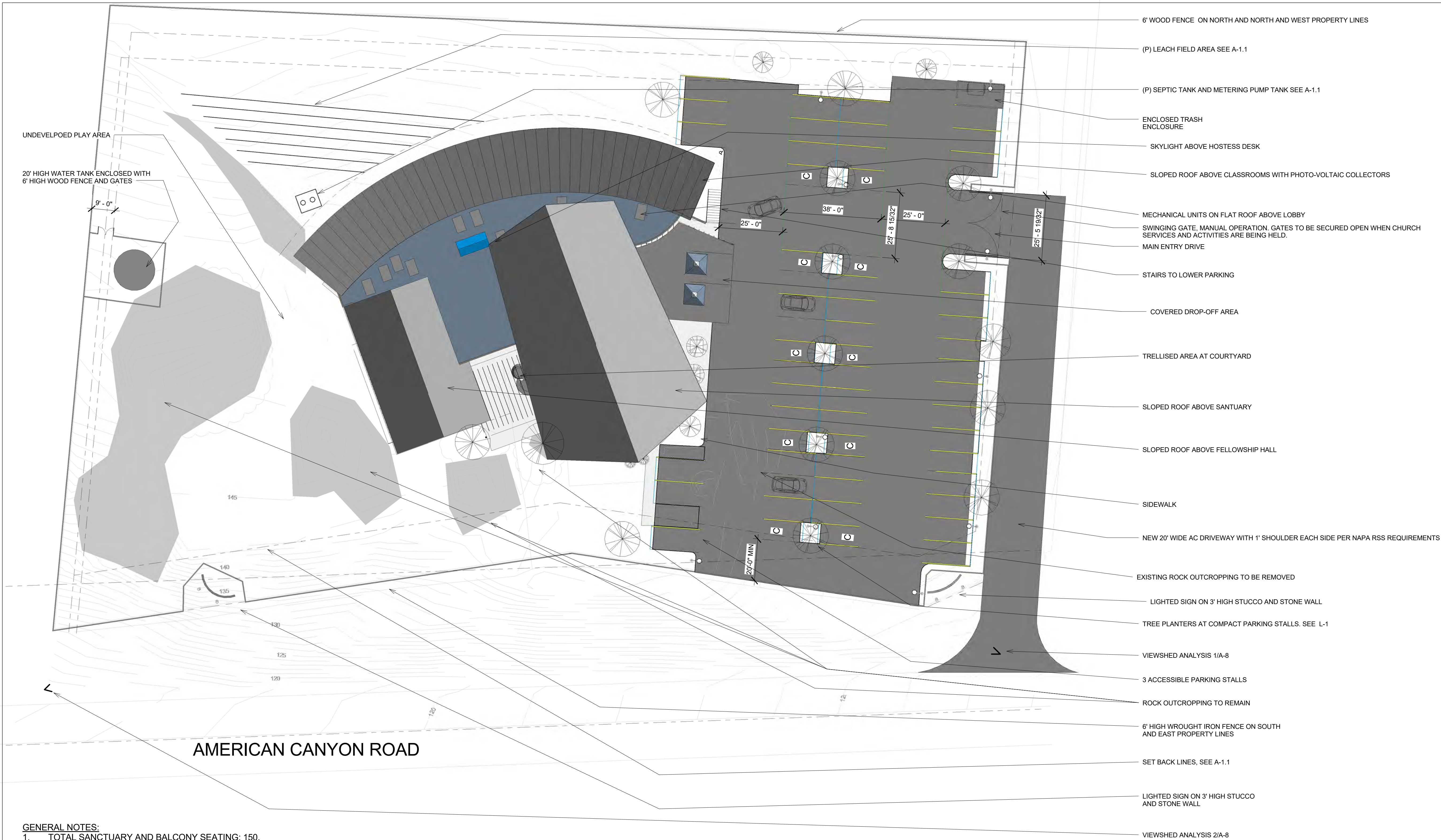
— Zoning
— Parcels



ZONING MAP



Existing Conditions



GENERAL NOTES:

1. TOTAL SANCTUARY AND BALCONY SEATING: 150.
2. TOTAL PARKING REQUIRED: 150 / 3.5 = 43 SPACES REQUIRED + 2 EMPLOYEE SPACES = 45 TOTAL SPACES REQUIRED. TOTAL PROVIDED 56
3. 10 COMPACT PARKING STALLS (16' x 8') + 3 ACCESSIBLE PARKING STALLS (9' x 19') + 43 STANDARD STALLS (9' x 19') = 56 PARKING STALLS PROVIDED. 1 STALL SHALL BE DESIGNATED FOR ELECTRIC VEHICLE CHARGING.
4. SITE LIGHTING TO CONSIST OF POLE MOUNTED LED LIGHT FIXTURES ON 25' HIGH POLES @ PARKING LOT. OTHER EXTERIOR LIGHTS TO BE BUILDING MOUNTED LED WITH LIGHTING CONTAINED WITHIN THE SITE. LIGHTING TO PROVIDE ADEQUATE SECURITY COVERAGE AND TO PROVIDE SECURITY CAMERAS REQUIRED MINIMUM LEVELS. LIGHTING SHALL MEET LIGHT POLLUTION REDUCTION STANDARDS REQUIRED BY THE CALIFORNIA GREEN BUILDING CODE 5.106.8.
5. FOR THE FEW EVENTS DURING THE YEAR WHERE ADDITIONAL PARKING IS NEEDED; OFF SITE PARKING WITH A SHUTTLE SERVICE; OR PARKING ON THE PROPERTY TO THE NORTH WILL BE PROVIDED BY THE CHURCH.
6. USE PERMIT #P16-00210-UP; 1451 AMERICAN CANYON ROAD; APN: 059-100-020.
7. ALL SURROUNDING PROPERTIES ARE ZONED AW.

6' WOOD FENCE ON NORTH AND NORTH AND WEST PROPERTY LINES

(P) LEACH FIELD AREA SEE A-1.1

(P) SEPTIC TANK AND METERING PUMP TANK SEE A-1.1

ENCLOSED TRASH ENCLOSURE

SKYLIGHT ABOVE HOSTESS DESK

SLOPED ROOF ABOVE CLASSROOMS WITH PHOTO-VOLTAIC COLLECTORS

MECHANICAL UNITS ON FLAT ROOF ABOVE LOBBY

SWINGING GATE, MANUAL OPERATION. GATES TO BE SECURED OPEN WHEN CHURCH SERVICES AND ACTIVITIES ARE BEING HELD.

MAIN ENTRY DRIVE

STAIRS TO LOWER PARKING

COVERED DROP-OFF AREA

TRELLISED AREA AT COURTYARD

SLOPED ROOF ABOVE SANCTUARY

SLOPED ROOF ABOVE FELLOWSHIP HALL

SIDEWALK

NEW 20' WIDE AC DRIVEWAY WITH 1' SHOULDER EACH SIDE PER NAPA RSS REQUIREMENTS

EXISTING ROCK OUTCROPPING TO BE REMOVED

LIGHTED SIGN ON 3' HIGH STUCCO AND STONE WALL

TREE PLANTERS AT COMPACT PARKING STALLS. SEE L-1

VIEWSHED ANALYSIS 1/A-8

3 ACCESSIBLE PARKING STALLS

ROCK OUTCROPPING TO REMAIN

6' HIGH WROUGHT IRON FENCE ON SOUTH AND EAST PROPERTY LINES

SET BACK LINES, SEE A-1.1

LIGHTED SIGN ON 3' HIGH STUCCO AND STONE WALL

VIEWSHED ANALYSIS 2/A-8



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No.	Description	Date

NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

SITE PLAN

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A-1	
Scale	1" = 20'-0"

1 Site
1" = 20'-0"



THE INFORMATION ON THIS PLAN IS REPRODUCED FROM CMP DRAWINGS DATED 4/12/2016 AS PERMITTED BY CMP ENGINEERING FOR THE PURPOSE OF THE CONDITIONAL USE PERMIT SUBMISSION.

SEPTIC FEASIBILITY STATEMENT

PURPOSE

TO DETERMINE IF THE SUBJECT PARCEL CAN FACILITATE THE WASTEWATER TREATMENT NEEDS FOR THE FINAL PROPOSED USES.

EXISTING USE

LISTED BELOW ARE THE SUBJECT PARCELS EXISTING USES AND ASSOCIATED WASTEWATER FLOWS:

- (E) 7 BEDROOM MAIN RESIDENCE - FLOW = 650 GAL/DAY
- (E) 3 BEDROOM RESIDENCE - FLOW = 450 GAL/DAY
- (E) 2 BEDROOM RESIDENCE - FLOW = 300 GAL/DAY

PROPOSED ADDITIONAL USE

- (P) 150 SEAT CHURCH
 - 1.1. PEAK DOMESTIC FLOW = 3 GAL/SEAT X 150 SEATS = 750 GAL/DAY
 - 1.2. BECAUSE THE CHURCH WILL ONLY BE GENERATING WASTEWATER FLOW ONE DAY A WEEK, A METERING TANK IS GOING TO BE UTILIZED TO TIME DELAY THE RELEASE OF THE EFFLUENT TO THE FIELD. THE METERING TANK WILL BE SIZED TO HOLD MULTIPLE DAYS OF PEAK FLOW AND SET TO RELEASE NO MORE THAN 375 GALLONS PER DAY. THUS THE DESIGN FLOW FOR THE LEACH FIELD WILL BE 375 GAL / DAY.

PRIMARY DOMESTIC WASTEWATER LEACH FIELD CALCULATIONS
GIVEN THE SOIL CONDITIONS SHOWN DOCUMENTED DURING THE SITE EVALUATION CONDUCTED BY CMP ENGINEERING ON 9/25/2015, A STANDARD TYPE WASTEWATER SYSTEM IS ACCEPTABLE IN THE PROPOSED LEACH FIELD AREA. GIVEN THIS LOCATION A SOIL INFILTRATION RATE OF 0.25 GALLONS PER SQUARE FOOT OF TRENCH SIDEWALL PER DAY IS APPROPRIATE WHEN USING A CHAMBER TYPE LEACH FIELD. BASED ON THE ABOVE DESIGN FLOW THE REQUIRED TRENCH LENGTH IS AS FOLLOWS:

$$(375 \text{ GAL/DAY}) / (0.25 \text{ GAL /DAY/SF}) = 500 \text{ FEET}$$

AS SHOWN ON THIS PLAN, THE PROPOSED SEPTIC AREA CAN ACCOMMODATE THIS 1300 SF OF AREA.

RESERVE DOMESTIC WASTEWATER LEACH FIELD AREA CALCULATIONS

THE FOLLOWING RESERVE AREA CALCULATIONS ARE BASED ON HAVING AN ENGINEERED DRIP TYPE RESERVE WASTEWATER SYSTEM. THE RESERVE AREA WILL NEED TO ACCOMMODATE BOTH THE EXISTING AND PROPOSED DOMESTIC FLOWS. BELOW IS THE CALCULATION SHOWING THE REQUIRED AMOUNT OF RESERVE AREA TO DO THIS:

INFILTRATION RATE = 0.6 GAL/SF/DAY
TOTAL FLOW = 750 GAL

REQUIRED AREA = $(750 \text{ GAL/DAY} / 0.6 \text{ GAL/SF/DAY}) \times 200\% = 2500 \text{ SQUARE FEET}$

THE PROPOSED RESERVE AREA IS 4665 SF WHICH IS MUCH GREATER THAN THE 2500 SF REQUIRED.

DETERMINATION

GIVEN THE ABOVE CALCULATIONS AND THE DETAILS SHOWN ON THIS PLAN IT HAS BEEN DETERMINED THAT THE SUBJECT PARCEL CAN FACILITATE THE WASTEWATER TREATMENT NEEDS FOR THE PROPOSED USE.

GENERAL NOTES:

- EXISTING RESIDENCE SHALL BE REMOVED.
- BIO-RETENTION AREA TO BE DESIGNED/CONSTRUCTED TO COUNTY STANDARDS.
- CLASSROOM ROOF IS SHOWN TRANSPARENT TO OBSERVE THE BUILDING BELOW.
- MINIMAL GRADING IS ANTICIPATED WITH 2-3' REMOVED FROM BUILDING PAD AREA AND DISTRIBUTED AT LOWER PARKING AREA.

① SITE - UTILITY/DRAINAGE PLAN
1" = 20'-0"

AMERICAN CANYON ROAD



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No.	Description	Date
1	COUNTY REVISIONS	8/10/2017

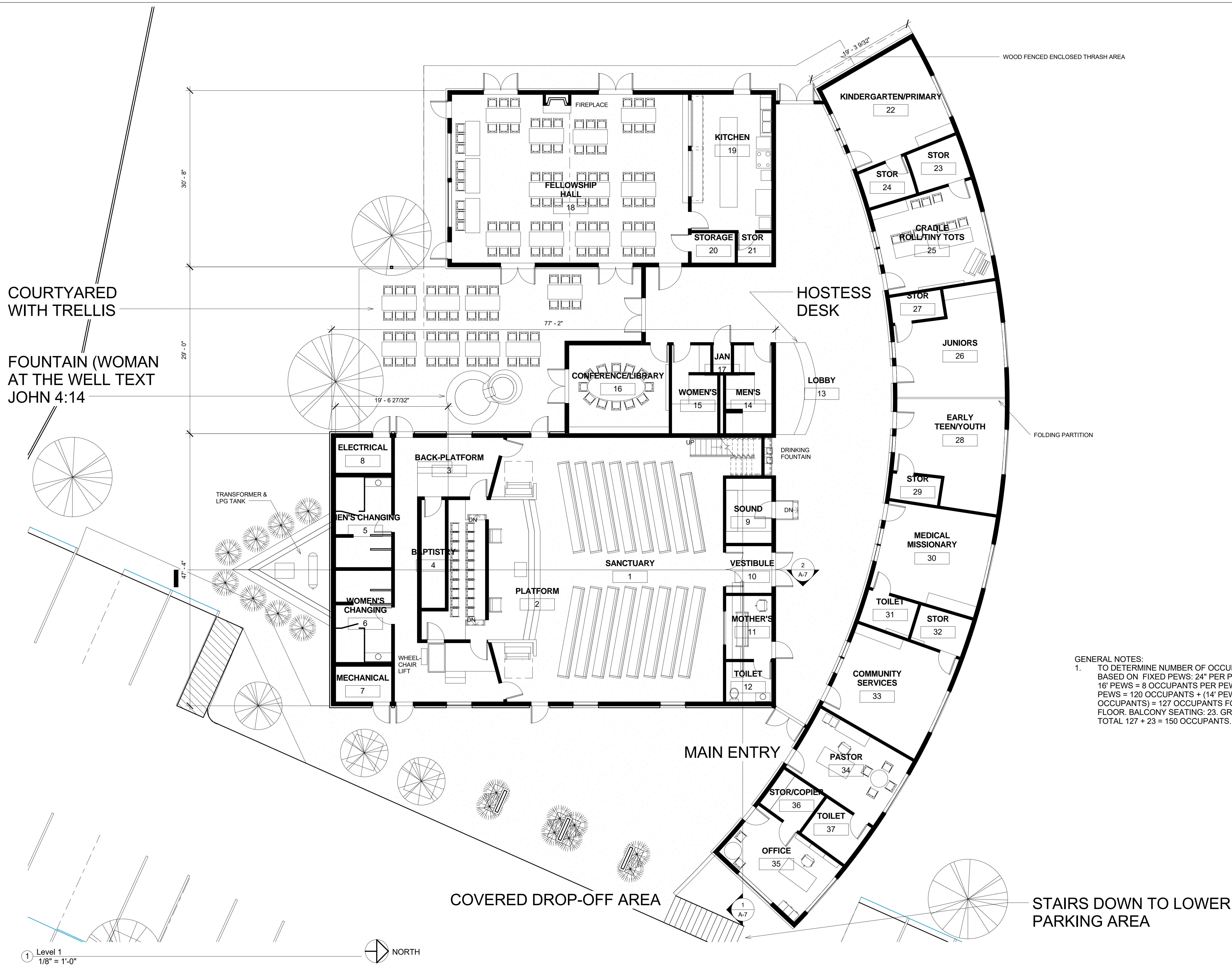
NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

UTILITY/DRAINAGE PLAN

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A-1.1

Scale 1" = 20'-0"



COURTYARED
WITH TRELLIS

FOUNTAIN (WOMAN
AT THE WELL TEXT
JOHN 4:14

HOSTESS
DESK

MAIN ENTRY

STAIRS DOWN TO LOWER
PARKING AREA

GENERAL NOTES:
1. TO DETERMINE NUMBER OF OCCUPANTS
BASED ON FIXED PEWS: 24" PER PERSON /
16" PEWS = 8 OCCUPANTS PER PEW X 15
PEWS = 120 OCCUPANTS + (14' PEW = 7
OCCUPANTS) = 127 OCCUPANTS FOR FIRST
FLOOR. BALCONY SEATING: 23. GRAND
TOTAL 127 + 23 = 150 OCCUPANTS.



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NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

MAIN LEVEL FLOOR PLAN

REVISED 11/4/2016

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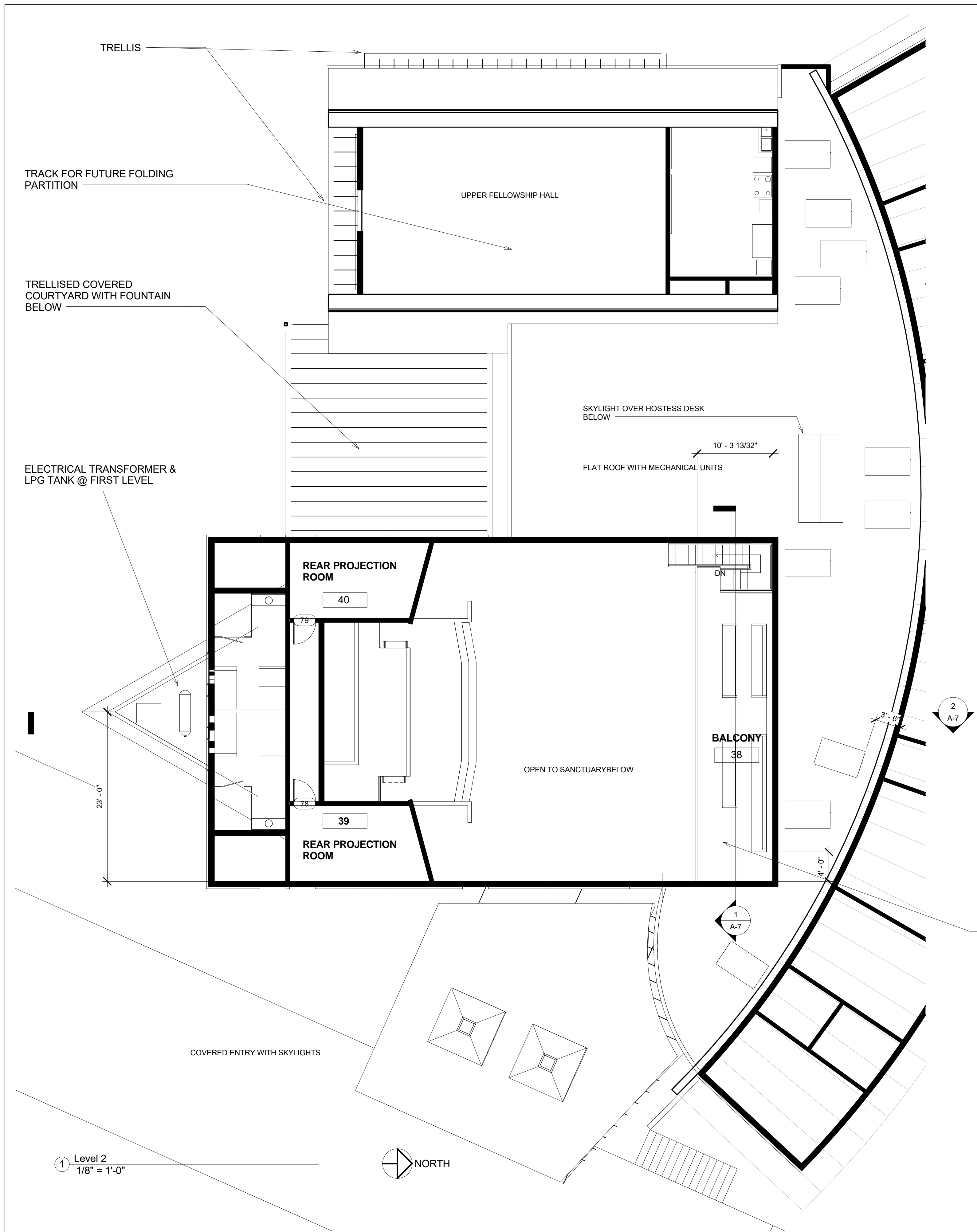
A-2

Scale	1/8" = 1'-0"
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1 Level 1
1/8" = 1'-0"



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Room Schedule										
Level	Number	Name	Area	Volume	Floor Finish	Base Finish	Ceiling Finish	Wall Finish	Occupancy	Occupant
Not Placed	41	Room	Not Placed	Not Placed						
Not Placed	42	Room	Not Placed	Not Placed						
Level 1	1	SANCTUARY	1661 SF	16517.89 CF						
Level 1	2	PLATFORM	408 SF	762.50 CF						
Level 1	3	BACK-PLATFORM	451 SF	3643.51 CF						
Level 1	4	BAPTISTRY	79 SF	786.08 CF						
Level 1	5	MEN'S CHANGING	150 SF	1497.46 CF						
Level 1	6	WOMEN'S CHANGING	152 SF	1521.61 CF						
Level 1	7	MECHANICAL	60 SF	604.56 CF						
Level 1	8	ELECTRICAL	60 SF	604.56 CF						
Level 1	9	SOUND	91 SF	709.49 CF						
Level 1	10	VESTIBULE	66 SF	594.00 CF						
Level 1	11	MOTHER'S	89 SF	798.00 CF						
Level 1	12	TOILET	56 SF	504.00 CF						
Level 1	13	LOBBY	1995 SF	19894.55 CF						
Level 1	14	MEN'S	115 SF	1146.61 CF						
Level 1	15	WOMEN'S	115 SF	1154.60 CF						
Level 1	16	CONFERENCE/LIBRARY	269 SF	2691.49 CF						
Level 1	17	JAN	15 SF	151.74 CF						
Level 1	18	FELLOWSHIP HALL	1201 SF	11921.48 CF						
Level 1	19	KITCHEN	331 SF	3313.33 CF						
Level 1	20	STORAGE	40 SF	400.31 CF						
Level 1	21	STOR	31 SF	312.81 CF						
Level 1	22	KINDERGARTEN/PRIMARY	305 SF	3045.94 CF						
Level 1	23	STOR	69 SF	688.06 CF						
Level 1	24	STOR	56 SF	564.38 CF						
Level 1	25	CRADLE ROLL/TINY TOTS	305 SF	3050.90 CF						
Level 1	26	JUNIORS	307 SF	3066.65 CF						
Level 1	27	STOR	42 SF	419.51 CF						
Level 1	28	EARLY TEEN/YOUTH	310 SF	3103.01 CF						
Level 1	29	STOR	39 SF	391.40 CF						
Level 1	30	MEDICAL MISSIONARY	315 SF	3145.68 CF						
Level 1	31	TOILET	55 SF	547.09 CF						
Level 1	32	STOR	61 SF	611.47 CF						
Level 1	33	COMMUNITY SERVICES	324 SF	3239.80 CF						
Level 1	34	PASTOR	232 SF	2323.40 CF						
Level 1	35	OFFICE	213 SF	2132.68 CF						
Level 1	36	STOR/COPIER	63 SF	628.26 CF						
Level 1	37	TOILET	73 SF	734.30 CF						
Level 2	38	BALCONY	422 SF	4061.13 CF						
Level 2	39	REAR PROJECTION ROOM	182 SF	182.27 CF						
Level 2	40	REAR PROJECTION ROOM	182 SF	182.27 CF						

TOTAL NET AREA: LEVEL 1 10,246 SF
LEVEL 2 780 SF

GRAND TOTAL: 11,026 SF

GENERAL NOTES:
1. TO DETERMINE NUMBER OF OCCUPANTS BASED ON FIXED PEWS:
24" PER PERSON; 16" PEWS = 8 OCCUPANTS PER PEW X 1 PEW = 8
OCCUPANTS + 10' PEW = 5 OCCUPANTS X 3 = 15 OCCUPANTS.
BALCONY TOTAL: 8 + 15 = 23 OCCUPANTS

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No.	Description	Date

NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

**BALCONY FLOOR
PLAN**

REVISED 11/4/2016

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

A-3

Scale 1/8" = 1'-0"



① RENDERING FROM SOUTHEAST
12" = 1'-0"

STAINED GLASS WINDOWS AT SANCTUARY

PAINTED STUCCO FINISH

STONE VENEER

STANDING SEAM METAL ROOF

STAINED WOOD TRELLIS



② RENDERING FROM SOUTHWEST
12" = 1'-0"

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NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
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PERSPECTIVE
LOOKING FROM THE
SOUTHEAST &
SOUTHWEST

REVISED 11/4/2016

Project number	Project Number
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A-4

Scale	12" = 1'-0"
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1 RENDERING FROM NORTHWEST
12" = 1'-0"

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NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

PERSPECTIVE
LOOKING FROM THE
NORTHWEST

REVISED 11/4/2016

Project number	Project Number
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A-5	
Scale	12" = 1'-0"



① RENDERING FROM NORTHEAST
12" = 1'-0"

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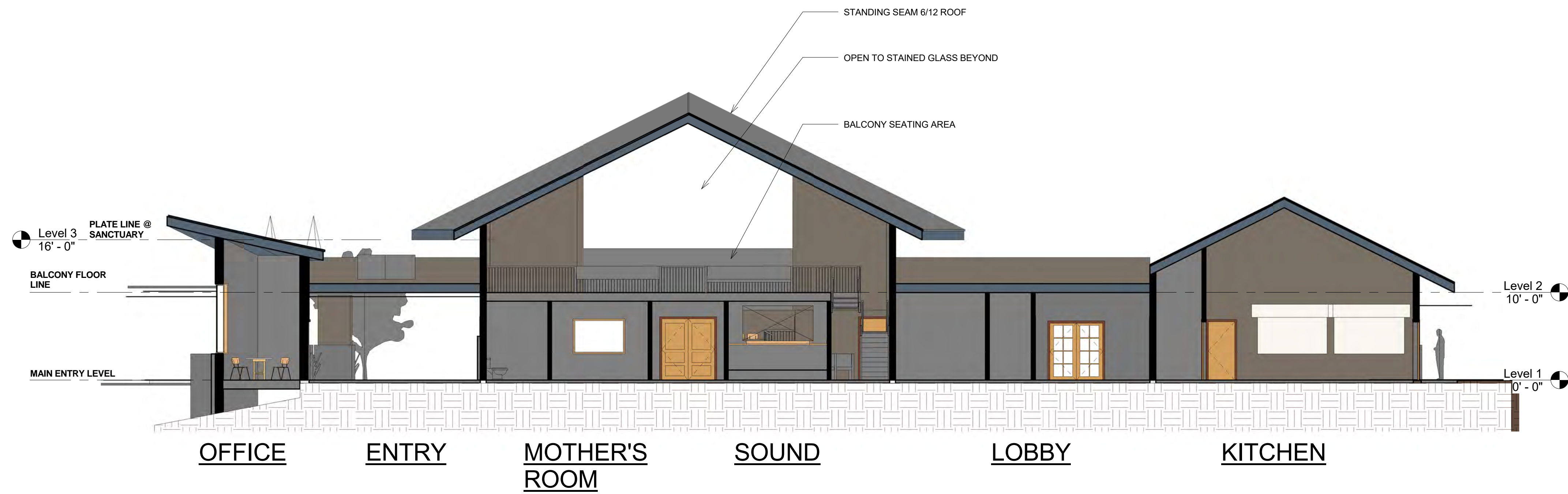
NEW CHURCH for NEW LIFE
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ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

PERSPECTIVE
LOOKING FROM THE
NORTHEAST

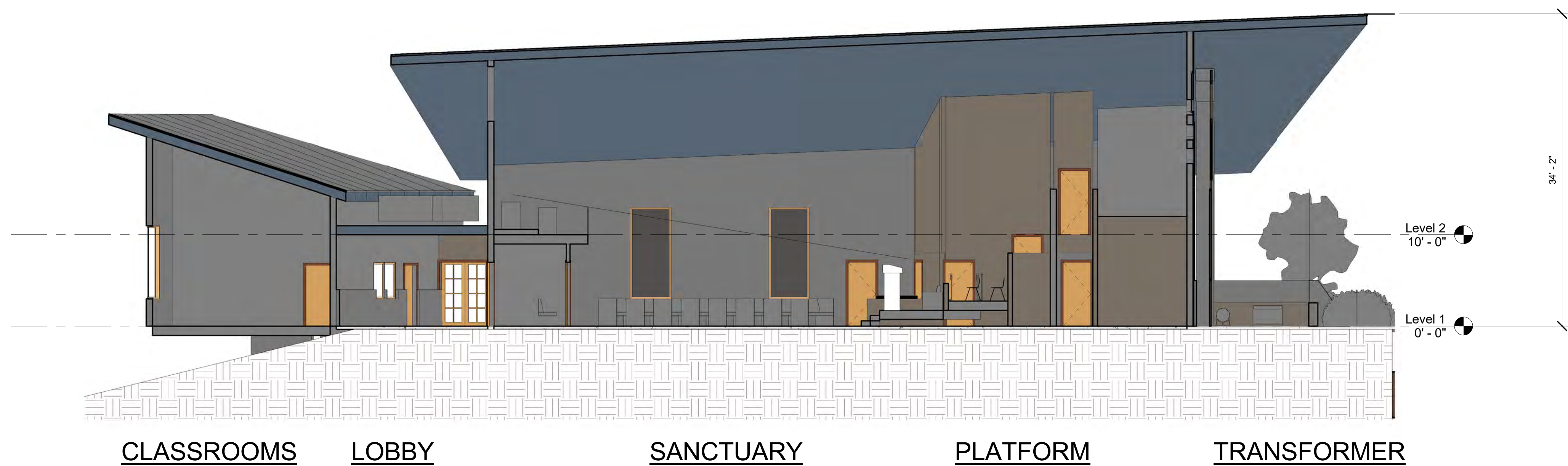
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Project number	Project Number
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A-6	
Scale	12" = 1'-0"

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① Section 1
1/8" = 1'-0"



② Section 2
1/8" = 1'-0"

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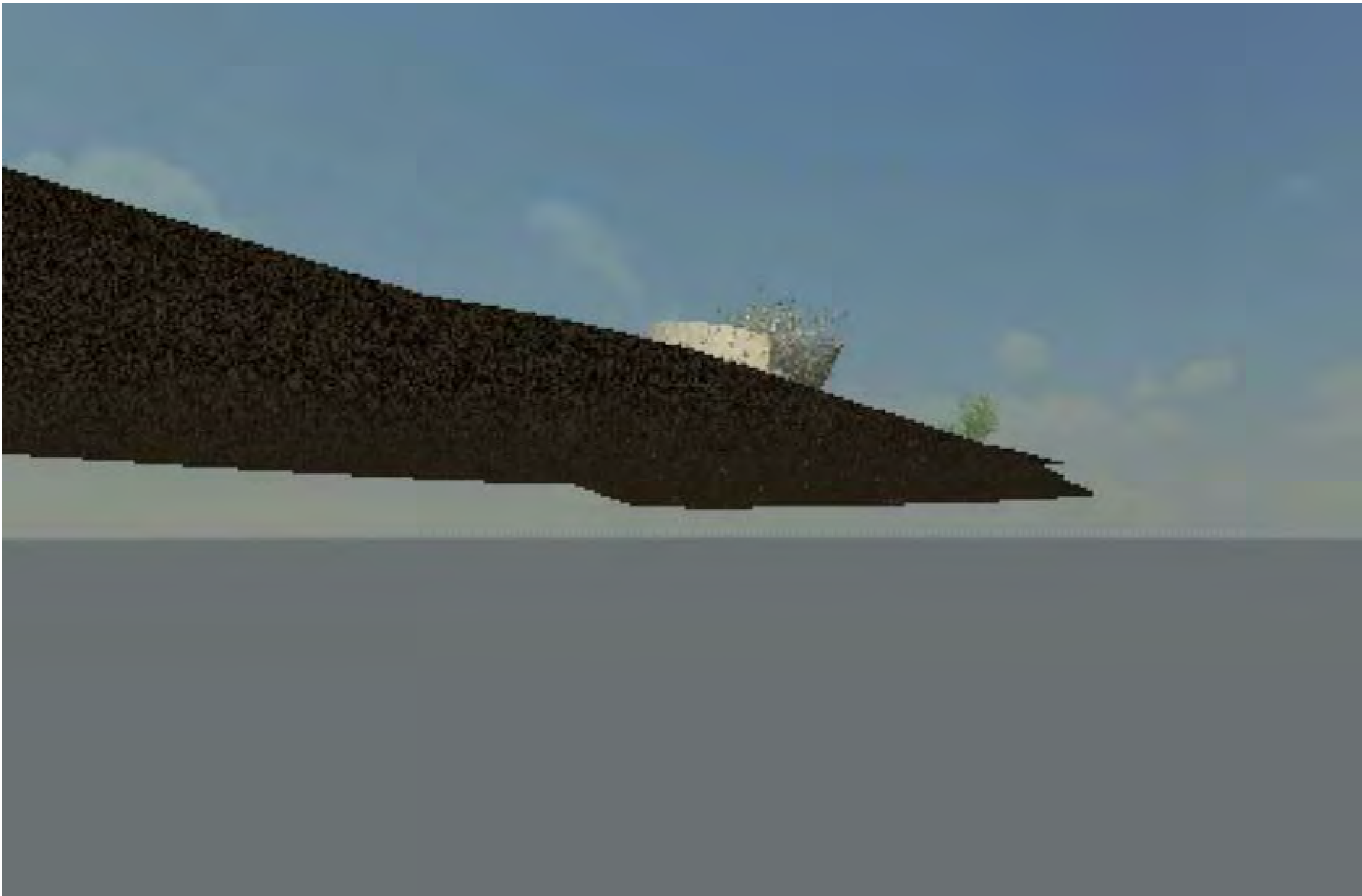
BUILDING SECTIONS

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A-7	
Scale	1/8" = 1'-0"

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① VIEW SHED ANALYSIS
12" = 1'-0"



② VIEWSHED ANALYSIS 2
12" = 1'-0"

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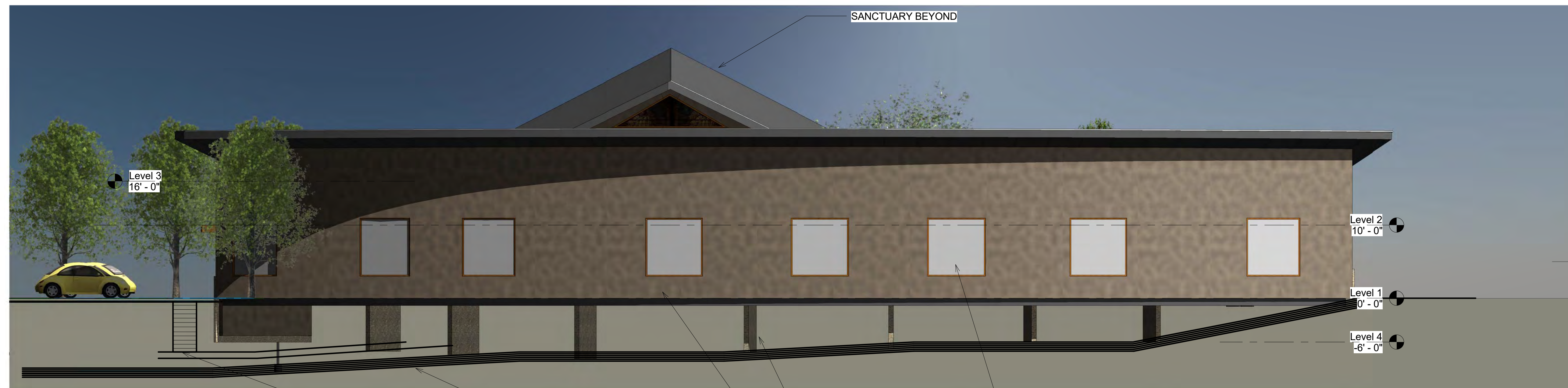
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VIEWSHED ANALYSIS

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A-8	
Scale	12" = 1'-0"



CLEAR INSULATED GLASS WINDOWS WITH TAN COLORED VINYL FRAMES

— STONE VENEERED PIERS SUPPORTING RAISED FLOOR

— TAN/GRAY COLORED EXTERIOR CEMENT PLASTER

APPROXIMATE LOCATION OF FINISHED GRADE

STAIRS LEADING TO LOWER PARKING AREA

— LIGHT GRAY COLORED STANDING SEAM METAL ROOF

— PLEXIGLASS LIGHT SPIRES

WOOD TRELLIS WITH STANDING SEAM METAL ROOF. WOOD TO BE STAINED MEDIUM BROWN



— WOOD TRELLIS STAINED MEDIUM BROWN IN COLOR

— CLEAR INSULATED GLASS IN TAN COLORED FRAMES

— TAN/GRAY COLORED EXTERIOR CEMENT PLASTER
WITH TEXTURED CEMENT FINISH

— GRAY/TAN RUBBLE FIELD STONE VENEER 5' HIGH AT SANCTUARY & 3' HIGH AT FELLOWSHIP HALL

— STAINED GLASS WITH A RAINBOW OF COLORS

① NORTH ELEVATION
1/8" = 1'-0"

② SOUTH ELEVATION
1/8" = 1'-0"



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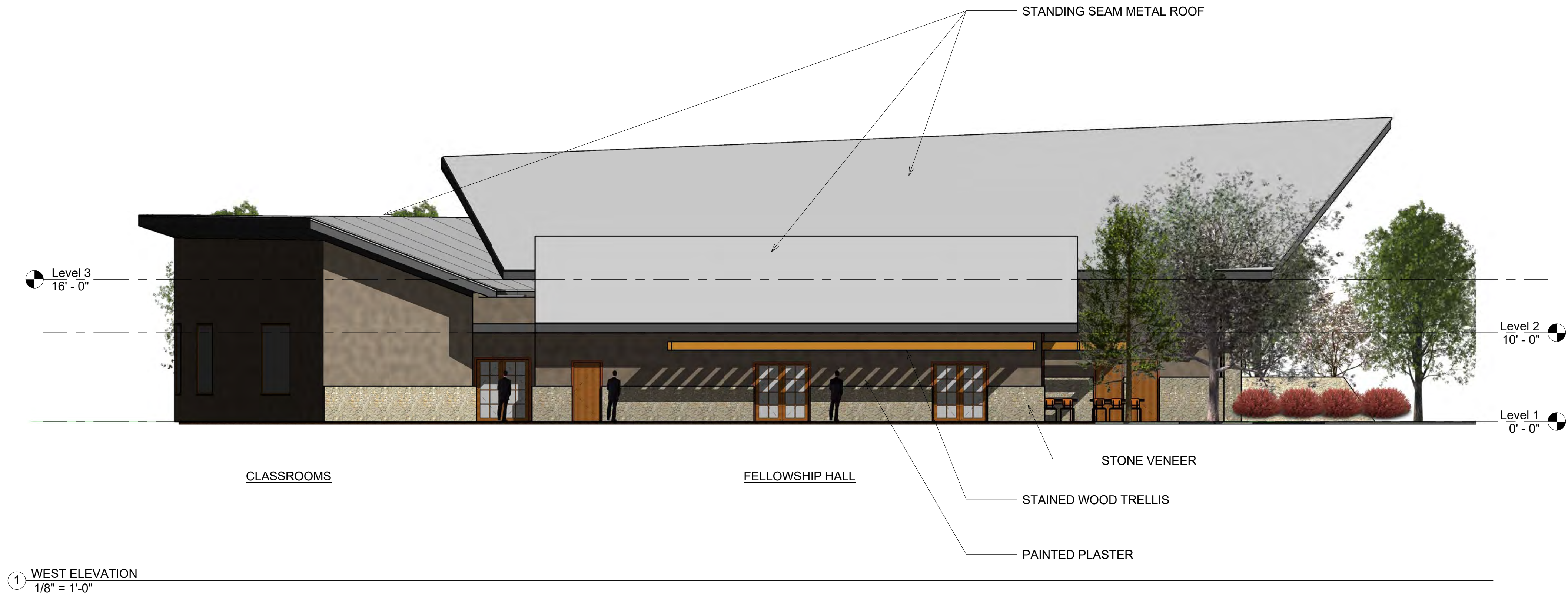
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[illegible]

NEW CHURCH for NEW LIFE
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COUNTY, CALIFORNIA

BUILDING ELEVATIONS

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A-9	
Scale	1/8" = 1'-0"



The architectural design keeps to the overall residential scale anticipated for the area. The exterior materials are stucco and stone to which keys off the site that has numerous rock outcroppings. The wood trellis accents continue with the residential scale. The front of the church that faces the street identifies tha building as a place of worship. The classrooms face to the north and take advantage of the open visits to the rolling hills beyond.



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No.	Description	Date

NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

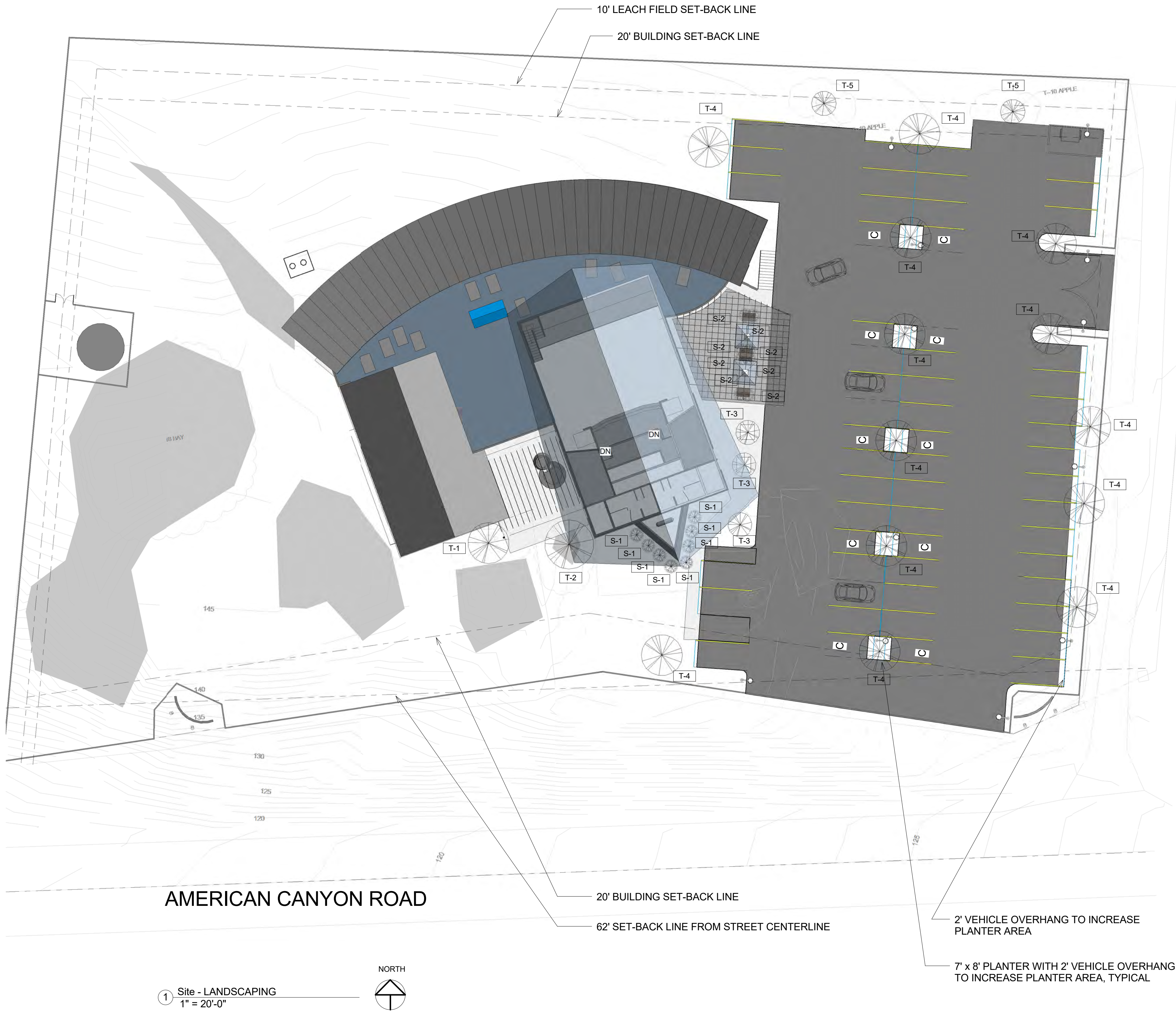
BUILDING ELEVATIONS

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker
A-10	
Scale	1/8" = 1'-0"

Planting Schedule					
Description	Count	Family and Type	Mark	Comments	Botanical Name
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-1	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-2	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-3	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-4	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-5	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-6	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-7	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: COFFEEBERRY 4'	S-1-8	5 GALLON	RHAMNUS CALIFORNICA
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-1	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-2	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-3	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-4	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-5	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-6	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-7	5 GALLON	FREMONTODENDRON CALIFORNICUM
NEW	1	RPC Shrub: FLANNELBUSH 4'	S-2-8	5 GALLON	FREMONTODENDRON CALIFORNICUM
EXISTING BAY	1	RPC Tree - Deciduous: BAY - 25'	T-1	EXISTING TO REMAIN	
EXISTING BAY 24	1	RPC Tree - Deciduous: BAY - 30'	T-2	EXISTING TO REMAIN	
NEW	1	RPC Tree - Deciduous: CRAPE MYRTLE - 15'	T-3-1	15 GALLON	LAGERSTROEMIA INDICA 'RED ROCKET'
NEW	1	RPC Tree - Deciduous: CRAPE MYRTLE - 15'	T-3-2	15 GALLON	LAGERSTROEMIA INDICA 'RED ROCKET'
NEW	1	RPC Tree - Deciduous: CRAPE MYRTLE - 15'	T-3-3	15 GALLON	LAGERSTROEMIA INDICA 'RED ROCKET'
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-1	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-2	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-3	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-4	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-5	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-6	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-7	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-8	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-9	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-10	15 GALLON	
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-11	15 GALLON	ACER RUBRUM
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-12	15 GALLON	
NEW	1	RPC Tree - Deciduous: RED MAPLE - 25'	T-4-13	15 GALLON	
EXISTING APPLE	1	RPC Tree - Deciduous: APPLE - 15'	T-5-1	EXISTING TO BE REMOVED	
EXISTING APPLE	1	RPC Tree - Deciduous: APPLE - 15'	T-5-2	EXISTING TO BE REMOVED	

GENERAL NOTES:

1. THE IRRIGATION SYSTEM SHALL BE A DRIP SYSTEM THROUGHOUT.
2. THE LANDSCAPE IRRIGATION SYSTEM SHALL NOT EXCEED THE WATER BUDGET AS DEFINED BY THE CALIFORNIA DEPARTMENT OF WATER RESOURCES MODEL WATER EFFICIENT LANDSCAPE ORDINANCE OR LOCAL ORDINANCE WHICH EVER IS MORE STRICT.
3. THERE SHALL BE A SEPARATE WATER METER FOR THE LANDSCAPE IRRIGATION SYSTEM.
4. THE IRRIGATION CONTROLLER SHALL BE WEATHER OR SOIL-MOISTURE BASED.
5. THE ENTIRE IRRIGATION SYSTEM SHALL COMPLY WITH THE CALIFORNIA GREEN BUILDINGS STANDARD CODE, SECTION 5.304.
6. DOUBLE PARKING STALLS EQUAL 34 = 6 TREES REQUIRED; 22 SINGLE PARKING STALLS = 7 TREES REQUIRED. GRAND TOTAL 13 TREES REQUIRED AND PROVIDED.
7. SANCTUARY AND ENTRY ROOF IS SHOWN TRANSPARENT SO THAT LANDSCAPING BELOW IS VISIBLE.



H. Adams

Architect

LEED AP BD + C Credential

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M25745 Expiration date 3/31/2017

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Electrical Consultant

No.	Description	Date

NEW CHURCH for NEW LIFE
COMMUNITY SEVENTH-DAY
ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

LANDSCAPE PLAN

REVISED 11/4/2016

Project number	Project Number
Date	Issue Date
Drawn by	Author
Checked by	Checker

L-1

Scale1" = 20'-0"

11/2/2016 12:35:52 PM

STAINED
GLASS
WINDOWS IN A
VARIETY OF
COLORS

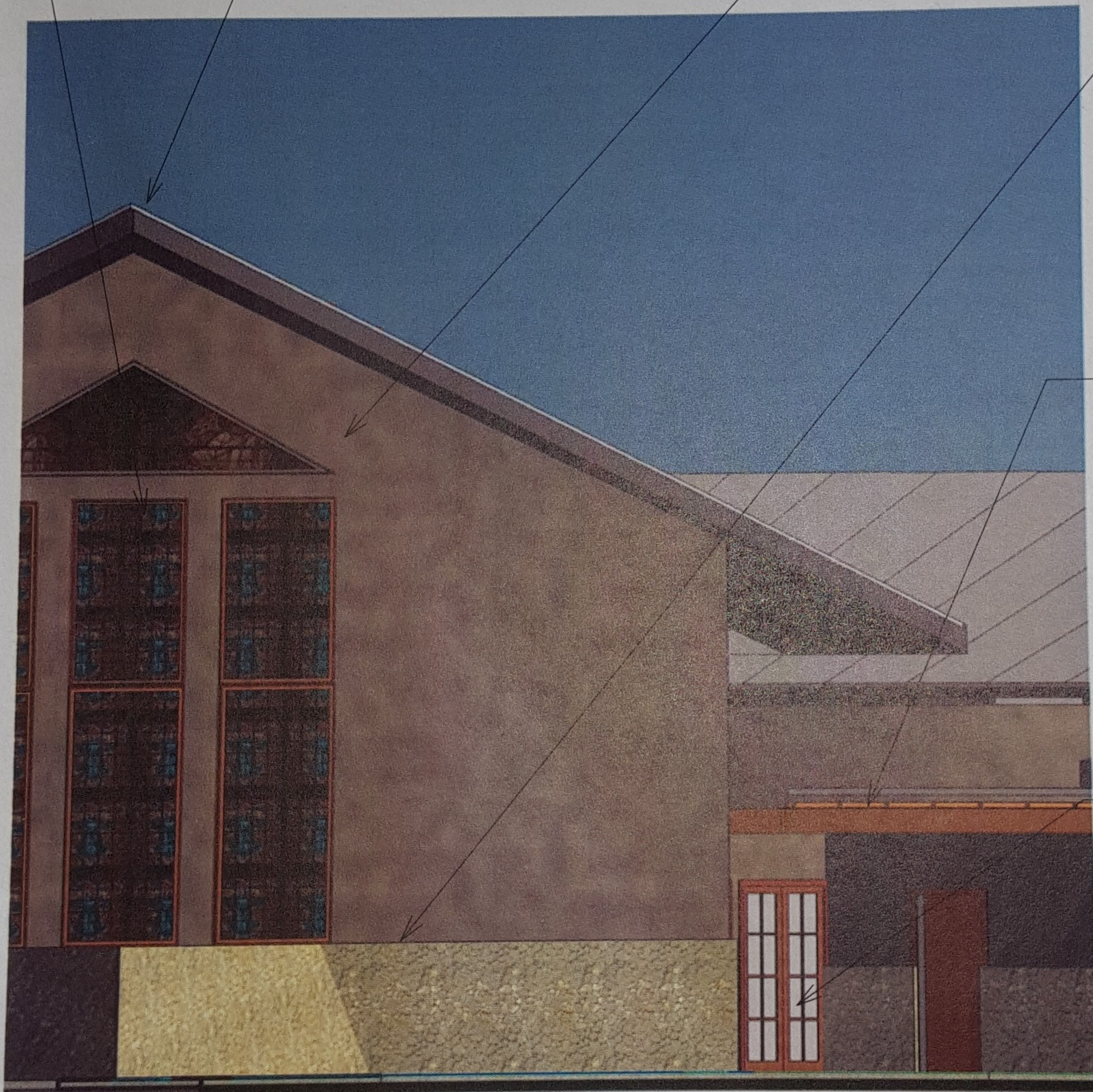
STANDING SEAM METAL ROOF

STUCCO
FINISH

STONE VENEER

STAINED WOOD
TRELLIS

COLORED WINDOW
FRAMES



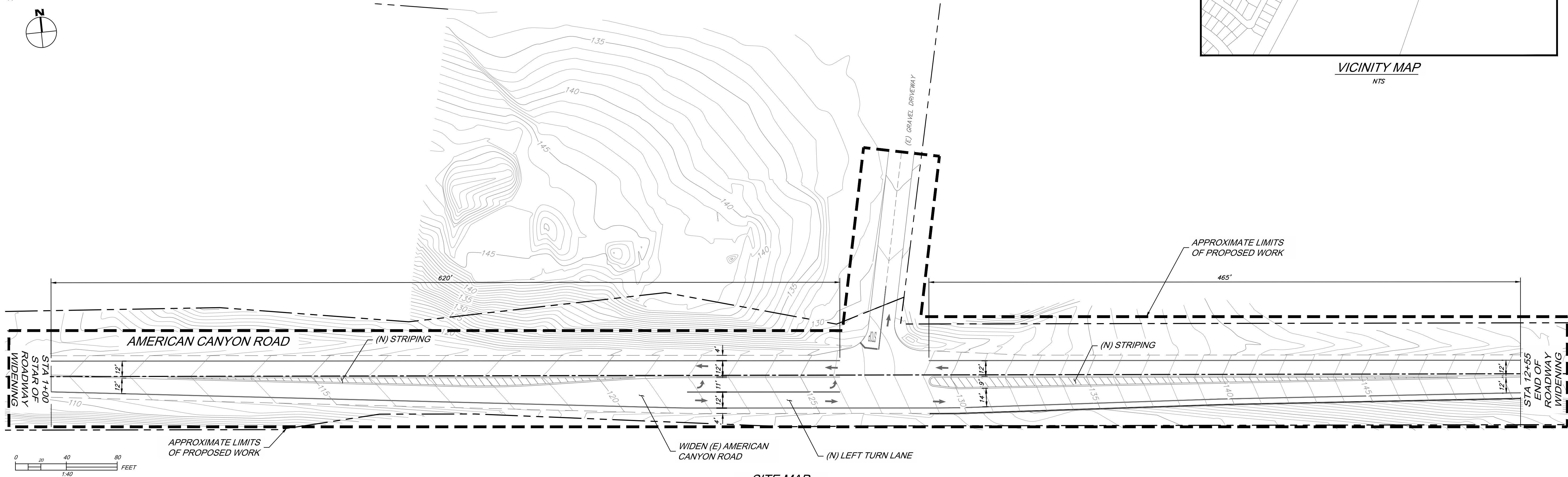
1 ELEVATION FOR COLOR BOARD
1/8" = 1'-0"

NEW CHURCH for NEW LIFE COMMUNITY
SEVENTH-DAY ADVENTIST CHURCH NAPA
COUNTY, CALIFORNIA

11/17/2016 8:46:54 PM

NO. PROJECT# 18-04-01 = 1451 AMERICAN CANYON ROAD/04-04-04-03-03-PLAN SHEETS/01 CLADDING PLOTTED BY UNIFORM 3-4-2019 9:22 AM
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGN PRESENTED HEREIN, AS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE, ALTERATION, MODIFICATION OR ADAPTATION OF THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ASSUMPTION OF LIABILITY TO NORTH BAY CIVIL ENGINEERING AND DESIGN SHALL BE WITHOUT LIABILITY TO NORTH BAY CIVIL ENGINEERING AND DESIGN.

ACN	ACRES OR ASPHALT CONCRETE	FH	FIRE HYDRANT
ASN	ASSESSOR PARCEL NUMBER	FG	FINISHED GRADE
BFP	BACKFLOW PREVENTER	GB	GRADE BREAK
BMP	BEST MANAGEMENT PRACTICE	HMA	HOT-MIX ASPHALT
C	CONCRETE OR CURVE	L	LENGTH
CO	CLEANOUT	MH	MANHOLE
CY	CUBIC YARD(S)	MAX	MAXIMUM
DMA	DRAINAGE MANAGEMENT AREA	MIN	MINIMUM
DI	DROP INLET	(N)	NEW
DWY	DRIVEWAY	No.	NUMBER
EP	EDGE OF PAVEMENT	NTS	NOT TO SCALE
(E)	EXISTING	P&GE	PACIFIC GAS & ELECTRIC



	(E) & (N) STORM DRAIN
	(E) & (N) STORM DRAIN MH, DI, & CO
	(E) & (N) SANITARY SEWER
	(E) & (N) SANITARY SEWER MH & CO
	(E) & (N) WATER
	(E) & (N) WATER
	(E) & (N) VALVE, VM/BFP, FH, & FDC
	(E) & (N) ELECTRIC
	(E) & (N) OVERHEAD
	(E) & (N) GAS
	(E) & (N) JOINT TRENCH
	GRADE BREAK
	BOUNDARY OR PROPERTY
	CENTERLINE OR R/W
	EASEMENT
	FLOWLINE
	GRADING LIMITS
	DEMOLISH
	TOP OF GRADING
	(E) & (N) STREET LIGHT & STREET SIGN
	OVERLAND RELEASE & DRAINAGE ARROW

- 1) SHOULD ANY CONTRACTOR OR SUBCONTRACTOR FIND CONFLICTS, ERRORS, OR OMISSIONS IN THESE PLANS OR ARE IN DOUBT OF THE MEANING OR INTENT, THEY SHALL NOTIFY THE ENGINEER OF RECORD IN WRITING AND REQUEST A CLARIFICATION. SHOULD THEY FAIL TO DO SO BEFORE SUBMITTING A BID THEY CANNOT CLAIM COMPENSATION FOR WORK REQUIRED TO COMPLETE THE PROJECT.
- 2) CONTRACTOR OR SUBCONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING COURSE OF CONSTRUCTION. THIS INCLUDES SAFETY OF ALL PERSONS AND PROPERTY; THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO WORKING HOURS.
- 3) THE CONTRACTOR OR SUBCONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD THE OWNER AND THE ENGINEER OF RECORD HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT; EXCEPTING FOR THE LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER OF RECORD.
- 4) CONTRACTOR OR SUBCONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- 5) THE WORD "TYPICAL" OR "TYP" WHERE IT OCCURS MEANS THE SAME WORK APPLIES WHERE SIMILAR CONDITIONS OCCUR U.N.O.
- 6) ALL WORK, MATERIAL, AND WORKMANSHIP SHALL CONFORM TO THE LATEST EDITION OF BUILDING CODE AS WELL AS THE LOCAL AGENCY'S SPECIFICATIONS AND STANDARDS.
- 7) MATERIAL CHANGES MUST BE APPROVED IN WRITING FROM THE ENGINEER OF RECORD.
- 8) CONTRACTOR IS RESPONSIBLE FOR ARRANGING ALL NECESSARY INSPECTIONS.
- 9) EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN APPROXIMATE LOCATIONS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER OF RECORD AT THE TIME OF THE PREPARATION OF THESE PLANS. INFORMATION SHOWN IS NOT VERIFIED AND NO GUARANTEE IS MADE TO ITS ACCURACY.
- 10) THE ENGINEER OF RECORD PREPARING THESE PLANS IS NOT RESPONSIBLE OR LIABLE FOR ANY UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS PREPARED BY THE ENGINEER MUST BE IN WRITING AND MUST BE APPROVED BY THE ENGINEER OF RECORD.

THE PROPOSED PROJECT IS THE PROPOSED WIDENING OF AMERICAN CANYON ROAD TO ACCOMMODATE A LEFT HAND TURN LANE TO A FUTURE DEVELOPMENT. PROPOSED SITE CIVIL IMPROVEMENTS INCLUDE THE FOLLOWING:

- 1) GRADING - GRADES SHALL MATCH EXISTING CONDITIONS AS CLOSELY AS POSSIBLE.
- 2) STRIPING - THE ROADWAY WILL NEED NEW STRIPING FOR THE LEFT HAND TURN LANE.

ADDRESS	1451 AMERICAN CANYON ROAD AMERICAN CANYON, CA
APN	059-100-002
PARCEL AREA - ACTUAL	53,084 SF (1.22 AC)
PARCEL AREA - COUNTY RECORDS	79,714 SF (1.83 AC)
ZONING	AW (AGRICULTURAL WATERSHED)
WATER SERVICE PROVIDER	PRIVATE WATER SYSTEM
WASTE WATER SERVICE PROVIDER	PRIVATE SEPTIC SYSTEM
TOTAL DISTURBED AREA	52,840 SF (1.21 AC)
FEMA FLOOD HAZARD AREA	ZONE X

- 1) PROPERTY LINES - PROPERTY LINES SHOWN HEREON ARE BASED ON PRELIMINARY SURVEY DATA AND ARE FOR REFERENCE ONLY. THIS IS NOT A BOUNDARY SURVEY AND SHOULD NOT BE USED AS SUCH.
- 2) SURVEY STATEMENT - SURVEY WAS PERFORMED BY CMP LAND SURVEYING IN OCTOBER OF 2015.
- 3) VERTICAL DATUM - THIS MAP HAS AN ASSUMED VERTICAL DATUM.
- 4) HORIZONTAL DATUM - THIS MAP HAS AN ASSUMED HORIZONTAL DATUM.

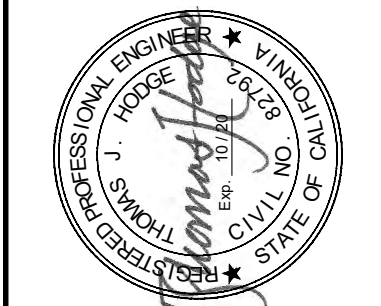


<i>SHEET NUMBER</i>	<i>SHEET TITLE</i>	<i>SHEET DESCRIPTION</i>
<i>01</i>	<i>C1.0</i>	<i>TITLE SHEET</i>
<i>02</i>	<i>C2.0</i>	<i>GENERAL NOTES</i>
<i>03</i>	<i>C3.0</i>	<i>EXISTING CONDITIONS & DEMO PLAN</i>
<i>04</i>	<i>C4.0</i>	<i>GRADING & DRAINAGE PLAN</i>
<i>05</i>	<i>C5.0</i>	<i>IMPROVEMENT & HORIZONTAL CONTROL PLAN</i>
<i>06</i>	<i>C6.0</i>	<i>PLAN & PROFILE</i>
<i>07</i>	<i>C6.1</i>	<i>PLAN & PROFILE</i>
<i>08</i>	<i>C6.2</i>	<i>PLAN & PROFILE</i>
<i>09</i>	<i>C7.0</i>	<i>CROSS SECTIONS</i>
<i>10</i>	<i>C7.1</i>	<i>CROSS SECTIONS</i>
<i>11</i>	<i>C7.2</i>	<i>CROSS SECTIONS</i>
<i>12</i>	<i>C7.3</i>	<i>CROSS SECTIONS</i>
<i>13</i>	<i>C8.0</i>	<i>EROSION & SEDIMENT CONTROL PLAN</i>
<i>14</i>	<i>C9.0</i>	<i>STORM WATER CONTROL PLAN</i>

OWNER	JOHN WAMBAA 219 SANDY NECK WAY VALLEJO, CA 94591	SURVEYOR	CMP LAND SURVEYING 1607 CAPELL VALLEY ROAD NAPA, CA 94558 (707) 815-0988
CIVIL	NORTH BAY CIVIL ENGINEERING 1627 LINCOLN AVENUE NAPA, CA 94559 (707) 501-8550	GEOTECH	JIM GLOMB 152 WEEKS WAY SEBASTOPOL, CA 95472 (707) 237-2703

[illegible]

NORTH BAY
CIVIL ENGINEERING & DESIGN
1963 IROQUOIS STREET NAPA, CA 94559
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www.NorthBayCivilEngineering.com



NBCED PROJECT 1834.01	DATE MAY 7, 2019	SCALE AS SHOWN	DESIGNED BY EWM	DRAWN BY AXA	CHECKED BY TJH
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**NEW LIFE COMMUNITY
ADVENTIST CHURCH
ROADWAY WIDENING PLANS
PREPARED FOR
1451 AMERICAN CANYON ROAD
AMERICAN CANYON
CA**

C1.0
01 of 14

N:\PROJECTS\184-01 - 1451 AMERICAN CANYON ROAD\184-01-CAD\13-PLAN SHEETS\13-C2.0-2WP PLOTTED R1\184-01-C2.0-2WP PLOTTED R1.dwg, 3/26/2019 8:23 AM
THIS DOCUMENT, TOGETHER WITH THE CONCEPTS AND DESIGN PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE, IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED, REUSE, ALTERATION, MODIFICATION, OR IMPROPER RELIANCE ON THIS DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY NORTH BAY CIVIL ENGINEERING & DESIGN SHALL BE WITHOUT LIABILITY TO NORTH BAY CIVIL ENGINEERING & DESIGN.

COUNTY OF NAPA GENERAL CONSTRUCTION NOTES

- 1) ALL WORKMANSHIP AND MATERIALS FOR BOTH ON-SITE AND OFF-SITE IMPROVEMENTS SHALL CONFORM TO THE ADOPTED NAPA COUNTY SUBDIVISION ROAD AND STREET STANDARDS (REVISED AUGUST 9, 2011) OR LATEST EDITION, AND/OR THE LATEST EDITION OF THE STATE OF CALIFORNIA STANDARD SPECIFICATIONS AND STANDARD PLANS. THE ON-SITE IMPROVEMENTS SHALL BE INSPECTED BY THE PUBLIC WORKS INSPECTOR.
- 2) CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR BEING FAMILIAR WITH THE PROVISIONS AND REQUIREMENTS CONTAINED IN THE COUNTY OF NAPA STANDARD SPECIFICATIONS. CONTRACTOR SHALL HAVE A COPY AVAILABLE AT THE JOB SITE AT ALL TIMES.
- 3) CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY COMPANIES 48 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO EXISTING UTILITY LINES UNLESS ENCROACHMENT PERMIT SPECIFIES OTHERWISE.
- 4) CONTRACTOR SHALL PROVIDE EMERGENCY TELEPHONE NUMBERS TO THE COUNTY OF NAPA POLICE DEPARTMENT, FIRE DEPARTMENT, PLANNING DEPARTMENT, BUILDING DEPARTMENT, AND ENVIRONMENTAL SERVICE DEPARTMENT AND KEEP THEM INFORMED DAILY REGARDING STREETS UNDER CONSTRUCTION AND DETOURS. DETOURS SHALL NOT BE PERMITTED UNLESS APPROVED IN WRITING BY THE PLANNING, BUILDING, AND ENVIRONMENTAL DEPARTMENTS.
- 5) CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL EXISTING UTILITIES IN THE FIELD. LOCATIONS OF UTILITIES AND UNDERGROUND FACILITIES SHOWN ARE APPROXIMATE AND FOR GENERAL INFORMATION ONLY.
- 6) CONTRACTOR SHALL PROVIDE AND MAINTAIN SUFFICIENT BARRICADES TO PROVIDE FOR THE SAFETY OF THE GENERAL PUBLIC TO THE SATISFACTION OF THE PUBLIC WORKS DIRECTOR.
- 7) ALL MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- 8) CONTRACTOR SHALL CONFORM TO THE THE EXISTING STREETS, SURROUNDING LANDSCAPE, AND OTHER IMPROVEMENTS WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPES, LOW SPOTS, OR HAZARDOUS CONDITIONS.
- 9) CONTRACTOR SHALL COORDINATE ALL NECESSARY UTILITY RELOCATIONS, IF REQUIRED, WITH THE APPROPRIATE UTILITY COMPANIES.
- 10) CONTRACTOR SHALL CONTACT THE COUNTY OF NAPA ENGINEER'S OFFICE TO ARRANGE A PRE-PROJECT CONFERENCE FOR THE PURPOSE OF REVIEWING JOB REQUIREMENTS AND COUNTY PROCEDURES.
- 11) CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNERS AND THE ENGINEER HARMLESS FROM ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THE PROJECT; EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNERS OR THE ENGINEER.
- 12) SHOULD ANY CONTRACTOR OR SUBCONTRACTOR FIND ANY DEFICIENCIES, ERRORS, CONFLICTS OR OMISSIONS IN THESE PLANS AND SPECIFICATIONS OR SHOULD HE BE IN DOUBT AS TO THEIR MEANING OR INTENT, HE SHALL NOTIFY THE ENGINEER FOR A WRITTEN CLARIFICATION, ADDENDUM, ETC. SHOULD HE FAIL TO DO SO BEFORE SUBMITTING A PROPOSAL HE CANNOT CLAIM ADDITIONAL COMPENSATION FOR WORK REQUIRED TO COMPLETE THE PROJECT.
- 13) IF THERE IS A CONFLICT BETWEEN WRITTEN AND SCALED DIMENSIONS, NOTIFY THE ENGINEER AND OBTAIN A CLARIFICATION. NO DEVIATIONS OR SUBSTITUTIONS SHALL BE ALLOWED WITHOUT OBTAINING WRITTEN APPROVAL FROM THE ENGINEER.
- 14) PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL SECURE CONSTRUCTION PERMITS FROM THE COUNTY OF NAPA AND OTHER AGENCIES AS NECESSARY AND PAY ALL FEES THEREFORE.
- 15) ON WEEK PRIOR TO ANY EXCAVATION IN EXISTING STREET AREAS, THE CONTRACTOR SHALL CONTACT COUNTY OF NAPA PUBLIC WORKS DEPARTMENT, UTILITY OWNERS, AND OTHER AGENCIES THAT ARE POTENTIALLY IMPACTED BY THE PROPOSED PROJECT FOR MARKING THE LOCATION OF THEIR RESPECTIVE FACILITIES. COSTS OF REPAIRING DAMAGES CAUSED BY THE CONTRACTOR SHALL BE BORNE BY THE CONTRACTOR.
- 16) UNDERGROUND LINES, IF ANY, WERE OBTAINED FROM RESPECTIVE UTILITY COMPANIES, THEREFORE, NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CORRECTNESS OF THEIR LOCATION.
- 17) ALL STATIONS (SHOWN ON PLAN AND PROFILE) ARE TAKEN ALONG THE CENTERLINE UNLESS OTHERWISE NOTED ON PLAN, AND SHOW MEASUREMENTS IN A HORIZONTAL PLANE.
- 18) FADED BACKGROUND REPRESENTS EXISTING TOPOGRAPHICAL FEATURES.
- 19) WORK DONE WITHIN THE COUNTY OF NAPA RIGHT-OF-WAY SHALL BE DONE UNDER AN ENCROACHMENT PERMIT ISSUED BY THE COUNTY OF NAPA.
- 20) STORM DRAIN PIPE IN THE COUNTY OF NAPA RIGHT-OF-WAY ARE AS FOLLOWS SHALL MEET THE FOLLOWING REQUIREMENTS:
A) CAST-IN-PLACE PIPE SHALL BE USED ONLY OUTSIDE OF ROADWAY IN CONFORMANCE WITH CALTRANS STANDARD SPECIFICATIONS.
B) REINFORCED CONCRETE PIPE CLASS III PER CALTRANS STANDARD SPECIFICATIONS.
C) CORRUGATED POLYETHYLENE PIPE POLYETHYLENE NOT TO BE USED IN SIZES LARGER THAN 36".

COUNTY OF NAPA STORMWATER CONTROL NOTES

- 1) SEE STORM WATER CONTROL PLAN TEMPLATE PROJECT DATA FORM DATED OCTOBER 31, 2018 FOR PROJECT INFORMATION AND RUNOFF REDUCTION MEASURE(S) SELECTED.

COUNTY OF NAPA FIRE PROTECTION NOTES

- 1) SEE CAL FIRE PLAN FOR PROJECT FIRE PROTECTION NOTES, DETAILS AND INFORMATION.

COUNTY OF NAPA EROSION & SEDIMENT CONTROL NOTES

THE FOLLOWING NOTES REPRESENT MINIMUM ENFORCEMENT NOTES:

- 1) ALL MOVEMENT OF EARTH SHALL COMPLY WITH THE SPECIFICATION CONTAINED IN THE NAPA COUNTY GRADING ORDINANCE AND THE EROSION CONTROL PLAN OR SWPPP.
- 2) CONTRACTOR SHALL ELIMINATE OR MINIMIZE NON-STORM WATER DISCHARGES FROM THE CONSTRUCTION SITE TO STORM DRAINS AND OTHER WATER BODIES. ALL CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN A MANNER THAT MINIMIZES TO THE MAXIMUM EXTENT PRACTICABLE, ANY POLLUTANTS ENTERING DIRECTLY OR INDIRECTLY THE STORM WATER SYSTEM OR GROUND WATER. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION MATERIALS (E.G. CLEANING FRESH CONCRETE FROM EQUIPMENT) ARE CONVEYED INTO THE STORM DRAIN SYSTEM. ALL MATERIALS THAT COULD CAUSE WATER POLLUTION (I.E. MOTOR OIL, FUELS, PAINTS, ETC.) SHALL BE STORED AND USED IN A MANNER THAT WILL NOT CAUSE ANY POLLUTION. ALL DISCARDED MATERIAL AND ANY ACCIDENTAL SPILLS SHALL BE REMOVED AND DISPOSED OF AT AN APPROVED DISPOSAL SITE. CONTRACTOR SHALL PROVIDE TO THE PUBLIC WORKS DEPARTMENT ANY CHANGES PROPOSED FROM THE PROJECT'S EROSION CONTROL PLAN AND SHALL PROVIDE A SCHEDULE FOR IMPLEMENTATION OF CONTROL MEASURES. CONTRACTOR SHALL MEET WITH COUNTY OF NAPA PUBLIC WORKS STAFF PRIOR TO OCTOBER 1 TO REVIEW STATUS OF PROJECT'S EROSION CONTROL AND WATER POLLUTION MEASURES. CONTRACTOR SHALL MEET THE REQUIREMENTS OF DISCHARGING TO A PUBLIC STORM DRAINAGE SYSTEM AS REQUIRED TO ENSURE COMPLIANCE BY THE COUNTY OF NAPA WITH ALL STATE AND FEDERAL LAWS AND REGULATIONS RELATED TO STORM WATER AS STIPULATED IN THE CLEAN WATER ACT. CONTRACTOR SHALL MEET THE REQUIREMENTS OF THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT IN THE EFFECT PRIOR TO COMPLETION OF PROJECT CONSTRUCTION FOR STORM WATER DISCHARGES FROM THE MUNICIPAL STORM WATER SYSTEM OPERATED BY THE COUNTY OF NAPA. CONTRACTOR SHALL COMPLY WITH THE EROSION AND SEDIMENT CONTROL PLAN (ESCP) SUBMITTED BY DEVELOPER AS PART OF ITS APPLICATION AS (MODIFIED AND) APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- 3) CHANGES TO THIS EROSION AND SEDIMENT CONTROL PLAN TO MEET FIELD CONDITIONS SHALL BE MADE ONLY WITH THE APPROVAL OF/OR AT THE DIRECTION OF THE ENGINEER.
- 4) THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISION OF THE EROSION AND SEDIMENT CONTROL PLAN AND SEEK THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF THESE EROSION CONTROL MEASURES.
- 5) CONTRACTOR SHALL NOTIFY PLANNING, BUILDING, AND ENVIRONMENTAL SERVICES DEPARTMENT 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. FAILURE TO DO SO CONSTITUTES A VIOLATION OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN OR SWPPP.
- 6) REVIEW AND OR APPROVAL OF THE EROSION AND SEDIMENT CONTROL PLAN OR SWPPP SHALL NOT RELIEVE THE CONTRACTOR FROM HIS OR HER RESPONSIBILITIES FOR COMPLIANCE WITH THE REQUIREMENTS OF THE CONSTRUCTION SITE RUNOFF CONTROL MANUAL, NOR SHALL IT RELIEVE THE CONTRACTOR FROM ERRORS OR OMISSIONS IN THE APPROVED PLAN.
- 7) IF THE APPROVED PLAN NEEDS TO BE MODIFIED, ADDITIONAL EROSION, SEDIMENT, AND STORMWATER CONTROL MEASURES MAY BE REQUIRED AS DEEMED NECESSARY BY THE PLANNING, BUILDING, AND ENVIRONMENTAL SERVICES DEPARTMENT AND THE ENGINEER.
- 8) CONTRACTOR SHALL PROVIDE THE COUNTY OF NAPA PLANNING, BUILDING, AND ENVIRONMENTAL SERVICES DEPARTMENT, AN EROSION AND SEDIMENT CONTROL PLAN, AND A SCHEDULE FOR IMPLEMENTATION OF SUCH MEASURES FOR YEAR ROUND CONSTRUCTION ACTIVITIES. HYDROSEEDING OF ALL GRADED SLOPES SHALL BE COMPLETED BY NOVEMBER 1ST.
- 9) THE DEVELOPER IS RESPONSIBLE TO ENFORCE THE BEST MANAGEMENT PRACTICES AT THE SITE ALONG WITH OTHER SOURCES.
- 10) EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
- 11) ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET-FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
- 12) STOCKPILES OF EARTH AND OTHER CONSTRUCTION-RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
- 13) FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
- 14) EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC RIGHT-OF-WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
- 15) TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
- 16) SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC RIGHT-OF-WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
- 17) ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- 18) A STAND-BY CREW FOR EMERGENCY WORK SHALL BE AVAILABLE AT ALL TIMES. NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF EMERGENCY DEVICES WHEN RAIN IS IMMINENT.
- 19) EROSION CONTROL DEVICES SHOWN ON THIS PLAN MAY BE REMOVED WHEN APPROVED BY THE BUILDING OFFICIAL IF THE GRADING OPERATION HAS PROGRESSED TO THE POINT WHERE THEY ARE NO LONGER REQUIRED.
- 20) GRADED AREAS ADJACENT TO FILL SLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM THE TOP OF SLOPE AT THE CONCLUSION OF EACH WORKING DAY. ALL LOOSE SOILS AND DEBRIS THAT MAY CREATE A POTENTIAL HAZARD TO OFF-SITE PROPERTY SHALL BE STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
- 21) ALL SILT AND DEBRIS SHALL BE REMOVED FROM ALL DEVICES WITHIN 24 HOURS AFTER EACH RAINSTORM AND BE DISPOSED OF PROPERLY.
- 22) A GUARD SHALL BE POSTED ON THE SITE WHENEVER THE DEPTH OF WATER IN ANY DEVICES EXCEEDS TWO FEET. THE DEVICE SHALL BE DRAINED OR PUMPED WITHIN 24 HOURS AFTER EACH RAINSTORM. PUMPING AND DRAINING OF ALL BASINS AND DRAINAGE DEVICES MUST COMPLY WITH THE APPROPRIATE BMP FOR DEWATERING OPERATIONS.

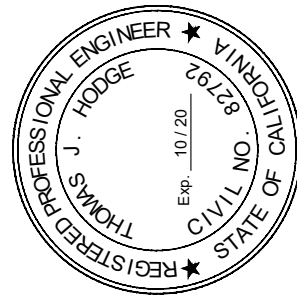
COUNTY OF NAPA EROSION & SEDIMENT CONTROL NOTES CONTINUED...

- 23) THE PLACEMENT OF ADDITIONAL DEVICES TO REDUCE EROSION DAMAGE AND CONTAIN POLLUTANTS WITHIN THE SITE IS LEFT TO THE DISCRETION OF THE FIELD ENGINEER. ADDITIONAL DEVICES AS NEEDED SHALL BE INSTALLED TO RETAIN SEDIMENTS AND OTHER POLLUTANTS ON SITE.
- 24) DESTILING BASINS MAY NOT BE REMOVED OR MADE INOPERABLE BETWEEN NOVEMBER 1 AND APRIL 15 OF THE FOLLOWING YEAR WITHOUT THE APPROVAL OF THE BUILDING OFFICIAL.
- 25) STORMWATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES, THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUESTED BY THE BUILDING OFFICIAL.
- 26) DEVELOPERS/CONTRACTORS, ARE RESPONSIBLE TO INSPECT ALL EROSION CONTROL DEVICES AND BMPs ARE INSTALLED AND FUNCTIONING PROPERLY, IF THERE IS A 50% CHANCE OF 0.25 INCHES OR GREATER OF PREDICTED PRECIPITATION, AND AFTER ACTUAL PRECIPITATION. A CONSTRUCTION SITE INSPECTION CHECKLIST AND INSPECTION LOG SHALL BE MAINTAINED AT THE PROJECT SITE AT ALL TIMES AND AVAILABLE FOR REVIEW BY THE BUILDING OFFICIAL (SELF-INSPECTION CHECK LIST).
- 27) TRASH AND CONSTRUCTION-RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.

COUNTY OF NAPA GRADING NOTES CONTINUED

- 1) ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS IN THE LATEST EDITION OF THE CALIFORNIA BUILDING CODE AND THE GEOTECHNICAL REPORT. CONTRACTOR IS TO CONTACT THE ENGINEER IF ANY DISCREPANCIES ARISE BEFORE COMMENCING WORK.
- 2) GRADING ON THE SITE SHALL BE LIMITED TO THE AREA SHOWN ON THE PLAN.
- 3) THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST THREE (3) DAYS IN ADVANCE OF COMMENCING WORK, INCLUDING SITE STRIPPING AND GRADING OPERATIONS. THIS WORK SHALL BE OBSERVED AND TESTED BY THE GEOTECHNICAL ENGINEER'S REPRESENTATIVE.
- 4) SITE SHALL BE VISUALLY INSPECTED BY THE CONTRACTOR TO DETERMINE THE EXTENT OF CLEARING, GRUBBING, AND GRADING WORK TO BE PERFORMED.
- 5) EXCESS SOIL SHALL BE STOCKPILED AT A LOCATION SPECIFIED BY THE PERMITS.
- 6) TREES THAT ARE REMOVED SHALL ALSO HAVE THEIR STUMPS AND MAJOR ROOT SYSTEMS REMOVED. AFTER A TREE OR A STUMP IS REMOVED THE RESULTING EARTH CAVITY SHALL BE CLEANED OF LARER ROOTS (2-INCH DIAMETER AND LARGER). SOILS SHOULD BE REMOVED TO PROVIDE ACCESS FOR COMPACTION EQUIPMENT. ALL EARTHWORK, SCARIFICATION, BACKFILL, AND COMPACTION SHALL BE PERFORMED PER THE GEOTECHNICAL REPORT AND GEOTECHNICAL ENGINEER'S REQUIREMENTS.
- 7) THE CONTRACTOR SHALL BE RESPONSIBLE TO CALL UNDERGROUND SERVICE ALERT (USA) AT LEAST TWO WORKING DAYS PRIOR TO DIGGING HOLES, TRENCHES, ETC. DIAL 811 OR 1-800-227-2600.
- 8) CONTRACTOR SHALL CONDUCT ALL GRADING OPERATIONS IN SUCH A MANNER AS TO PRECLUDE WIND BLOWN DIRT AND DUST AND RELATED DAMAGE TO NEIGHBORING PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES. CONTRACTOR SHALL ASSUME LIABILITY FOR CLAIMS RELATED TO WIND BLOWN MATERIAL. IF THE DUST CONTROL IN INADEQUATE AS DETERMINED BY THE PUBLIC WORKS DIRECTOR OR HIS DESIGNATED REPRESENTATIVE, THE CONSTRUCTION WORK SHALL BE TERMINATED UNTIL CORRECTIVE MEASURES ARE TAKEN.
- 9) ANY EARTH MATERIAL IMPORTED OR EXCAVATED ON THE PROPERTY MAY BE UTILIZED IN THE FILL PROVIDED THAT EACH MATERIAL HAS BEEN DETERMINED TO BE SUITABLE BY THE GEOTECHNICAL ENGINEER. ALL FILL SHALL BE FREE OF ORGANIC AND OTHER DELETERIOUS MATERIAL. SOILS OF POOR GRADATION, EXPANSION POTENTIAL, OR STRENGTH CHARACTERISTICS SHALL BE PLACED IN AREAS DESIGNATED BY THE CONSULTANT OR SHALL BE MIXED WITH OTHER SOILS TO THE SATISFACTION OF THE SOILS ENGINEER.
- 10) FINISHED GRADES IN ALL AREAS SHALL COMPLY WITH PLAN ELEVATIONS. NO AREAS SHALL BE LEFT SUCH THAT A PONDING CONDITION OCCURS.
- 11) OVER EXCAVATION, FILL, COMPACTION, AND FOOTING DEPTH SHALL CONFORM TO THE GEOTECHNICAL ENGINEERS SOILS REPORT.
- 12) CUT AND FILL SLOPES WILL NOT EXCEED A STEEPNESS OF 2:1, UNLESS OTHERWISE NOTED.
- 13) ALL CONSTRUCTION SHALL ADHERE TO THE CONDITIONS SET FORTH IN THE USE PERMIT, GRADING PERMIT, AND ENCROACHMENT PERMIT ON FILE WITH THE COUNTY OF NAPA.
- 14) CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.

NORTH BAY
CIVIL ENGINEERING & DESIGN
1963 IROQUOIS STREET NAPA, CA 94559
PHONE: (707) 501-8550
www.NorthBayCivilEngineering.com



NEEDED PROJECT
1834-01
DATE
MAY 7, 2019
SCALE AS SHOWN
DESIGNED BY EJM
DRAWN BY AKA
CHECKED BY T&H

GENERAL NOTES

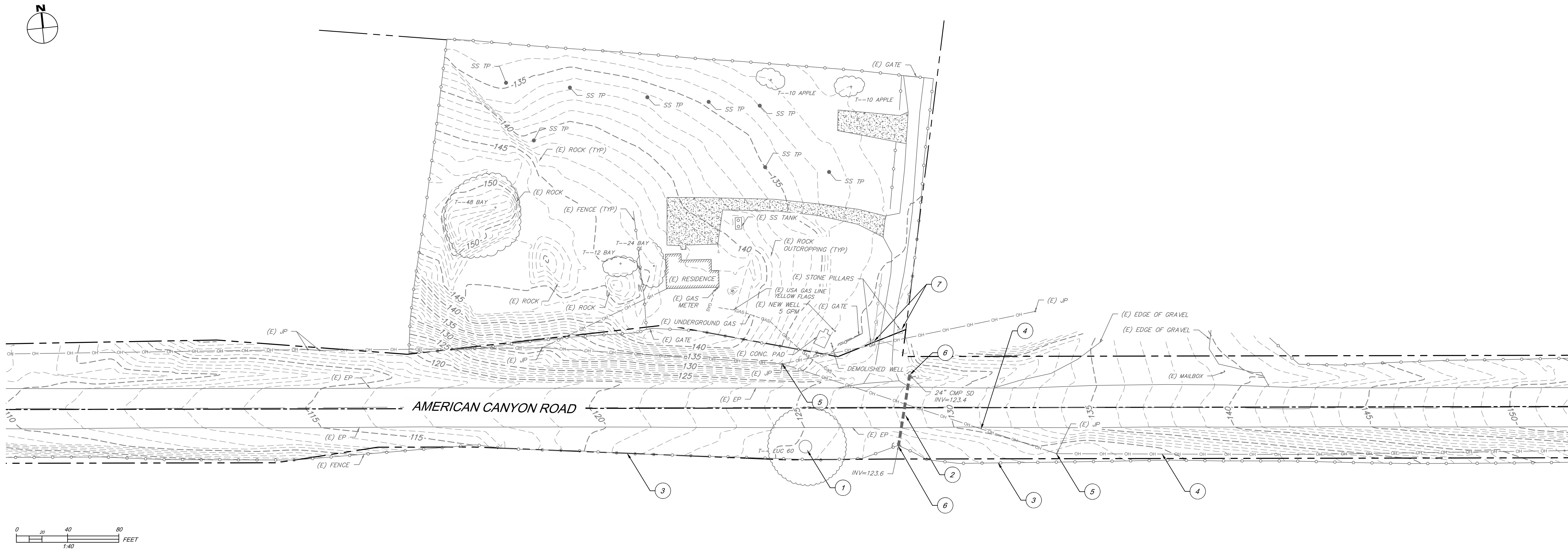
NEW LIFE COMMUNITY
ADVENTIST CHURCH
ROADWAY WIDENING PLANS
PREPARED FOR
1451 AMERICAN CANYON ROAD
AMERICAN CANYON CA

C2.0

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REVISIONS
DATE BY
No.

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DEMOLITION CONSTRUCTION NOTES

- 1 REMOVE (E) 60" EUCALYPTUS TREE
- 2 PROTECT IN PLACE (E) CULVERT
- 3 PROTECT IN PLACE (E) FENCE
- 4 PROTECT IN PLACE (E) OVERHEAD ELECTRIC LINE
- 5 PROTECT IN PLACE (E) JOINT POLE
- 6 PROTECT IN PLACE (E) INLET/OUTLET
- 7 REMOVE (E) STONE PILLAR

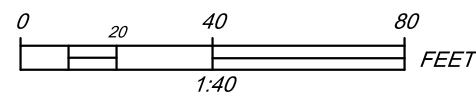
DEMOLITION NOTES:

- 1) EXISTING STRUCTURES, IMPROVEMENTS, UTILITIES, AND FEATURES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF THE PREPARATION OF THESE PLANS. LOCATIONS HAVE NOT BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL INFORMATION PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 2) ANY EXISTING IMPROVEMENTS, UTILITIES, OR FEATURES DAMAGED OR REMOVED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR RESTORED IN KIND AT THE CONTRACTORS SOLE EXPENSE.
- 3) SURFACE RESTORATION OF ANY DAMAGED ROADWAY DURING CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST COUNTY OF NAPA STANDARD DETAILS AND SPECIFICATIONS. ALL ROADWAY MARKINGS AND SIGNAGE TO BE RESTORED TO PRE-PROJECT CONDITIONS TO THE SATISFACTION OF THE ENGINEER AND THE COUNTY OF NAPA PUBLIC WORKS.
- 4) THE CONTRACTOR AND ALL SUBCONTRACTORS SHALL CALL UNDERGROUND SERVICE ALERT (USA NORTH 811 OR 1-800-227-2600) PRIOR TO THE COMMENCEMENT OF ANY WORK ON THE PROJECT SITE.



Know what's below.
Call before you dig.

NEW LIFE COMMUNITY ADVENTIST CHURCH ROADWAY WIDENING PLANS PREPARED FOR 1451 AMERICAN CANYON ROAD AMERICAN CANYON CA	EXISTING CONDITIONS & DEMO PLAN	NORTH BAY CIVIL ENGINEERING & DESIGN 1963 IROQUOIS STREET NAPA, CA 94559 PHONE: (707) 501-8550 www.NorthBayCivilEngineering.com	REVISIONS	DATE	BY
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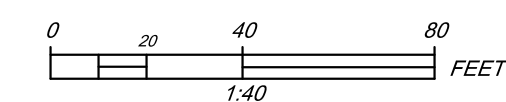
- 1) EXCAVATION AND GRADING SHALL COMPLY WITH THE LATEST EDITION OF THE UNIFORM BUILDING CODE AS WELL AS THE GEOTECHNICAL REPORT PREPARED BY JIM GLOMB AND DATED DECEMBER 16, 2015.
- 2) A GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED AND SHALL BECOME A PART OF THESE PLANS. SITE PREPARATION, EXCAVATION, GRADING, FILL PLACEMENT AND COMPACTION SHALL CONFORM WITH THE PROJECT GEOTECHNICAL REPORT AND WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER. FILED OBSERVATION AND TESTING DURING THE GRADING OPERATIONS SHALL BE PROVIDED BY REPRESENTATIVE OF THE GEOTECHNICAL ENGINEER TO ENABLE THEM TO FORM AN OPINION REGARDING THE ADEQUACY OF THE SITE PREPARATION, THE ACCEPTABILITY OF FILL MATERIALS AND THE EXTENT TO WHICH THE EARTH CONSTRUCTION AND THE DEGREE OF COMPACTION COMPLY WITH THE SPECIFICATION REQUIREMENTS. NOTIFY THE GEOTECHNICAL ENGINEER AT LEAST TWO (2) WORKING DAYS PRIOR TO BEGINNING WORK.
- 3) CONTRACTOR SHALL CONDUCT ALL GRADING OPERATIONS IN SUCH A MANNER AS TO PRECLUDE WIND BLOWN DIRT AND DUST AND RELATED DAMAGE TO NEIGHBORING PROPERTIES. SUFFICIENT WATERING TO CONTROL DUST IS REQUIRED AT ALL TIMES. CONTRACTOR SHALL ASSUME LIABILITY FOR CLAIMS RELATED TO WIND BLOWN MATERIAL. IF THE DUST CONTROL IS INADEQUATE AS DETERMINED BY THE PUBLIC WORKS DIRECTOR OR HIS DESIGNATED REPRESENTATIVE, THE CONSTRUCTION WORK SHALL BE TERMINATED UNTIL CORRECTIVE MEASURES ARE TAKEN.
- 4) THE SITE SHOULD BE CLEARED OF ALL SURFACE AND SUBSURFACE DELETERIOUS MATERIALS INCLUDING EXISTING BUILDINGS AND ASSOCIATED FOUNDATIONS, SLABS, ABANDONED UTILITIES, IRRIGATION LINES, PAVEMENTS, DEBRIS, DESIGNATED TREES, SHRUBS, AND ASSOCIATED ROOT SYSTEMS. SUCH MATERIALS SHOULD BE REMOVED FROM SITE AND DISPOSED IN ACCORDANCE COUNTY OF NAPA GUIDELINES.
- 5) GRADE ALL PLANTER AND LANDSCAPE AREAS TO DRAIN AWAY FROM BUILDING.

- 6) PITS, CISTERNS, SEPTIC TANKS, LEACH LINES, UNDERGROUND FUEL TANKS AND ASSOCIATED APPURTENANCES FOUND DURING GRADING SHOULD BE CAPPED AND SEALED AND/OR EXCAVATED AND REMOVED FROM THE SITE IN ACCORDANCE WITH COUNTY OF NAPA ESTABLISHED GUIDELINES.
- 7) THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY OF THE SITE PRIOR TO START OF CONSTRUCTION. EXISTING CONTOURS AND ELEVATIONS SHOWN ARE CONTOURS AND ELEVATIONS PRIOR TO ANY SITE DEMOLITION.
- 8) ALL GRADING OPERATIONS DURING CONSTRUCTION SHALL BE MONITORED AND TESTED BY THE GEOTECHNICAL ENGINEER, INCLUDING SITE PREPARATION, PLACEMENT OF ALL ENGINEERING FILL AND TRENCH BACKFILL, CONSTRUCTION OF SLAB SUBGRADE, PAVEMENT CONSTRUCTION, AND ALL FOUNDATION EXCAVATIONS.
- 9) ALL GRADES SHOWN ARE FINISHED GRADES, UNLESS OTHERWISE NOTED.
- 10) FINISHED GRADES IN ALL AREAS SHALL COMPLY WITH PLAN ELEVATIONS. NO AREAS SHALL BE LEFT SUCH THAT A PONDING CONDITION OCCURS.
- 11) CUT AND FILL SLOPES WILL NOT EXCEED A STEEPNESS OF 2:1, UNLESS OTHERWISE NOTED.
- 12) ALL CONSTRUCTION SHALL ADHERE TO THE CONDITIONS SET FORTH IN THE USE PERMIT, GRADING PERMIT, AND ENCRoACHMENT PERMIT ON FILE WITH THE COUNTY OF NAPA.

	CUT (CY)	FILL (CY)
RAW QUANTITY	232	405
NET VOLUMETRIC DIFFERENCE CUT/FILL	174 ± CY NET FILL (IMPORT)	
TOTAL PROJECT AREA	53,084 SF (1.22 AC)	
TOTAL DISTURBED AREA	52,840 SF (1.21 AC)	

- 1) ALL QUANTITIES SHOWN ON THIS PLAN ARE APPROXIMATE. CUT AND FILLS WERE CALCULATED BASED ON THE VOLUMETRIC DIFFERENCE IN FINISHED GRADE AND EXISTING GRADE SURFACES.
- 2) DUE TO THE INEXACT NATURE OF EARTHWORK ESTIMATING, THERE IS NO GUARANTEE OF THE SHOWN QUANTITIES.
- 3) THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THEIR OWN EARTHWORK QUANTITIES PRIOR TO THE START OF CONSTRUCTION
- 4) THE CONTRACTOR SHALL ARRANGE FOR DISPOSAL OF EXCESS MATERIAL OR ACQUISITION OF IMPORT MATERIAL AS REQUIRED TO COMPLETE THE GRADING AS SHOWN ON THE PLANS. NO ADDITIONAL COMPENSATION SHALL BE MADE FOR ANY EXPORT OR IMPORT REQUIREMENTS.
- 5) NET VOLUMETRIC DIFFERENCE BETWEEN THE CUT & FILL IS FOR CONCEPTUAL PURPOSES ONLY AND SHALL NOT BE USED FOR ESTIMATING PURPOSES.
- 6) BANK, LOOSE (SWELL), AND COMPACTION (SHRINKAGE) VOLUME FACTORS WERE NOT APPLIED TO THE EARTHWORK SUMMARY.
- 7) FF INDICATES THE FINISHED FLOOR OF THE PROPOSED STRUCTURE. TO DETERMINE THE PAD ELEVATIONS, SUBTRACT THE STRUCTURAL SECTION OF THE PROPOSED FLOOR FROM THE FINISHED FLOOR ELEVATIONS SHOWN. SEE PLANS BY OTHERS FOR MORE DETAILS.
- 8) FILL INCLUDES THE VOLUME OF THE STRUCTURAL SECTION OF THE PROPOSED STRUCTURAL SECTIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, CONCRETE SLAB THICKNESS, BASE MATERIAL THICKNESS, ENGINEERED/SELECT FILL THICKNESS...ETC)
- 9) SOURCE OF FILL NOT YET DETERMINED. ALL FILL SHALL COME FROM A COUNTY OF NAPA APPROVED SITE WITH A PERMIT THAT ALLOWS THE OFF-HAUL OF IMPORT OF SPOILS.





1	EXTEND (E) 24" CMP CULVERT TO TOE OF (N) 2:1 SLOPE.
2	INSTALL 24"x24" INLET. CONNECT TO (E) 24" CMP CULVERT INLET.
3	ALL STRIPING SHALL CONFORM TO COUNTY OF NAPA (CALTRANS AND MUTCD STANDARDS.)
4	NEW LEFT HAND TURN LANE PER COUNTY OF NAPA STANDARDS "GUIDELINES FOR LEFT-TURN STORAGE LANE" DATED JULY 31, 2000.
5	NEW RETAINING WALL BY OTHERS SEE SHEET C4.0 GRADING PLAN FOR ELEVATIONS.
6	NEW 10' DRIVEWAY ACCESS.

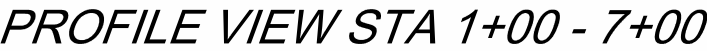
1	4" DOUBLE YELLOW WITH CROSS HATCHING - INCLUDE REFLECTIVE PAVEMENT MARKERS AT 24' O.C
2	6" WHITE SINGLE LINE - INCLUDE REFLECTIVE PAVEMENT MARKERS AT 24' O.C
3	6" WHITE SINGLE LINE
4	12" WHITE STOP BAR AND LETTERS
5	WHITE ARROWS
6	REMOVE EXISTING STRIPING AS NECESSARY

- 1) ALL MARKINGS TO BE 3-M SERIES 380 TAPE OR EQUIVALENT.
- 2) THE ENTIRE ROAD SECTION WITH THE PROJECT AREA +20' ON BOTH ENDS SHALL HAVE A CALTRANS SPEC TYPE II MICRO SURFACE APPLIED PRIOR TO ROAD STRIPING.

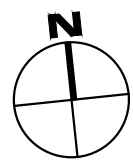


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HORIZONTAL SCALE = 1:30
VERTICAL SCALE = 1:6

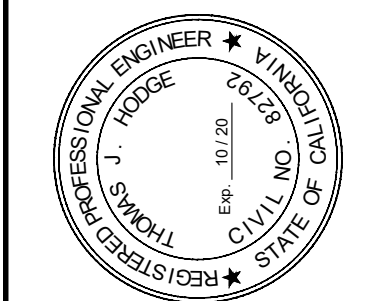


A horizontal bar divided into four segments. The segments are labeled with their lengths: 10, 20, 10, and 40. The total length is labeled as 1:20. The unit "FEET" is written at the end.

**MATCH LINE STA 7+00
SEE SHEET C6.1**

C6.0	NEW LIFE COMMUNITY ADVENTIST CHURCH ROADWAY WIDENING PLANS PREPARED FOR 1451 AMERICAN CANYON ROAD AMERICAN CANYON CA	PLAN & PROFILE	<div style="text-align: right;"> NORTH BAY CIVIL ENGINEERING & DESIGN 1963 IROQUOIS STREET NAPA, CA 94559 PHONE: (707) 501-8550 www.NorthBayCivilEngineering.com </div> 	NBCEC PROJECT 1854.01 DATE MAY 7, 2019 SCALE AS SHOWN DESIGNED BY EWM DRAWN BY AKM CHECKED BY TLM	Mo. No. Revisions DATE BY
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NBCED PROJECT 1834.01	DATE MAY 7, 2019	SCALE AS SHOWN	DESIGNED BY EVM	DRAWN BY AXA	CHECKED BY TJH
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PLAN & PROFILE

*NEW LIFE COMMUNITY
ADVENTIST CHURCH
ROADWAY WIDENING PLANS*

PREPARED FOR

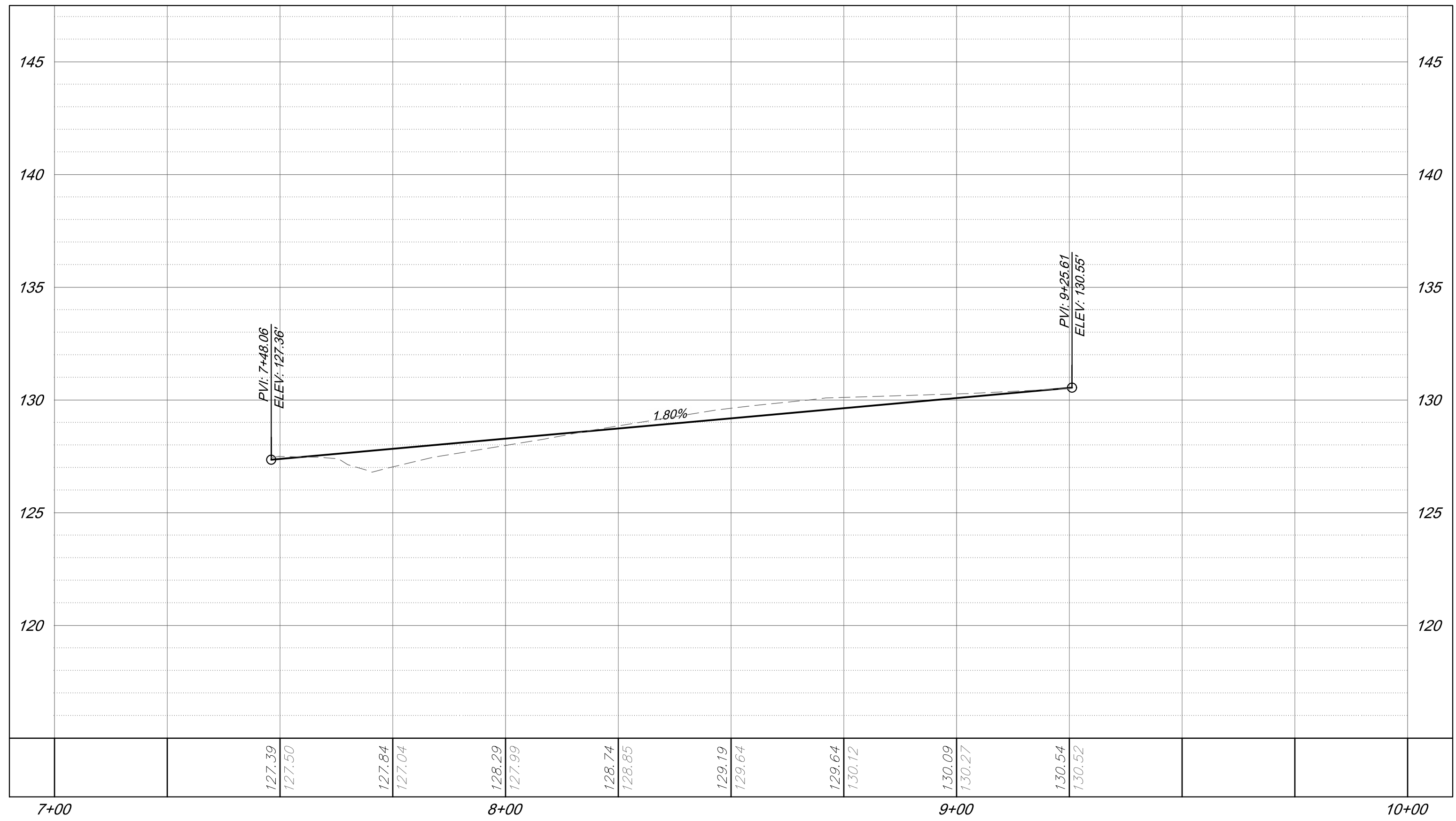
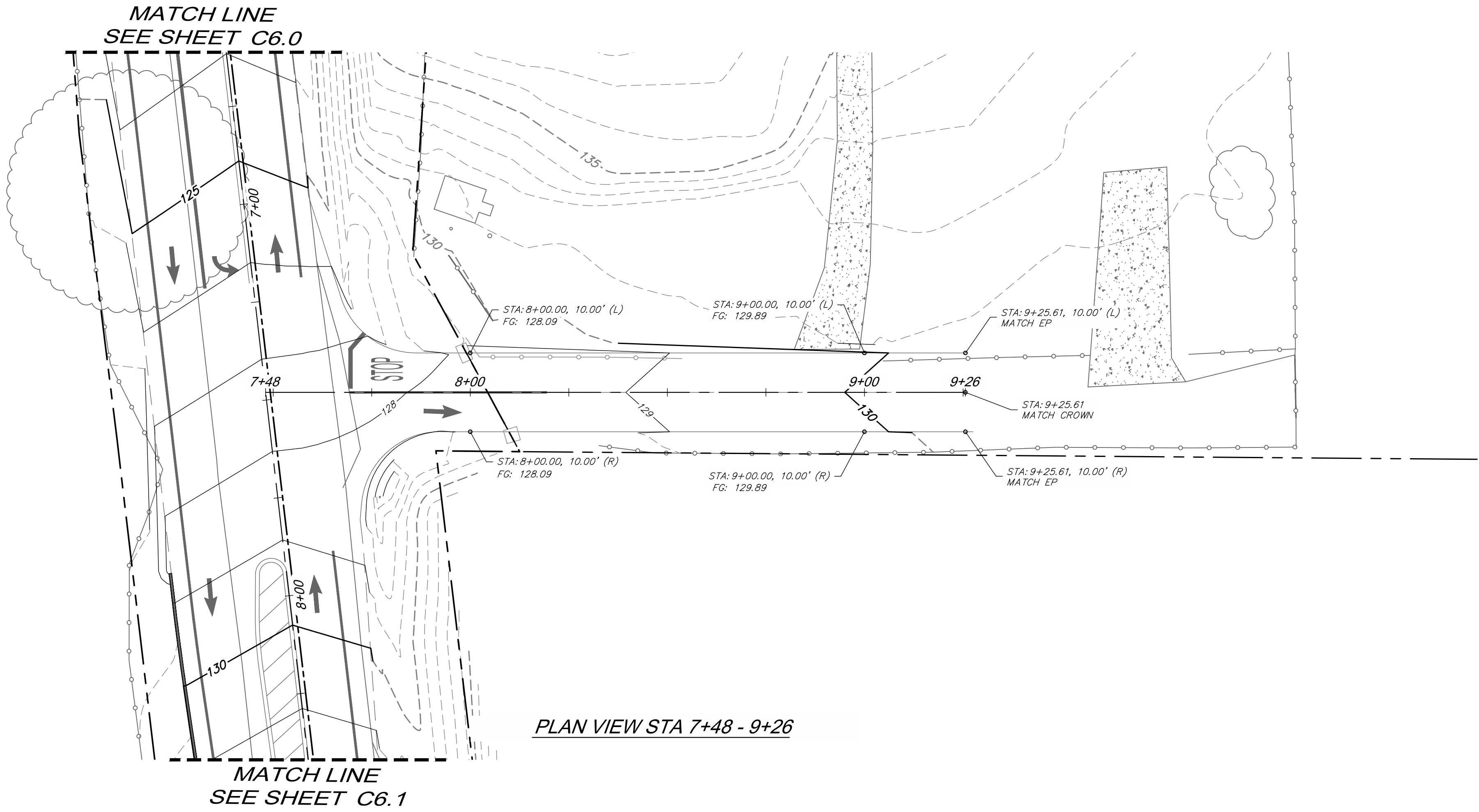
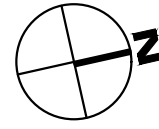
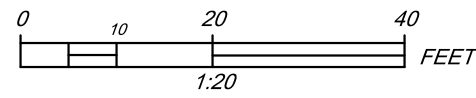
1451 AMERICAN CANYON ROAD
AMERICAN CANYON
CA

<i>C6.0</i>
<i>06 of 14</i>



Know what's **below.**
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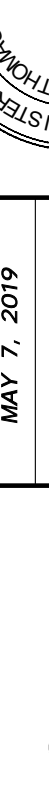


PROFILE VIEW STA 7+48 -9+26

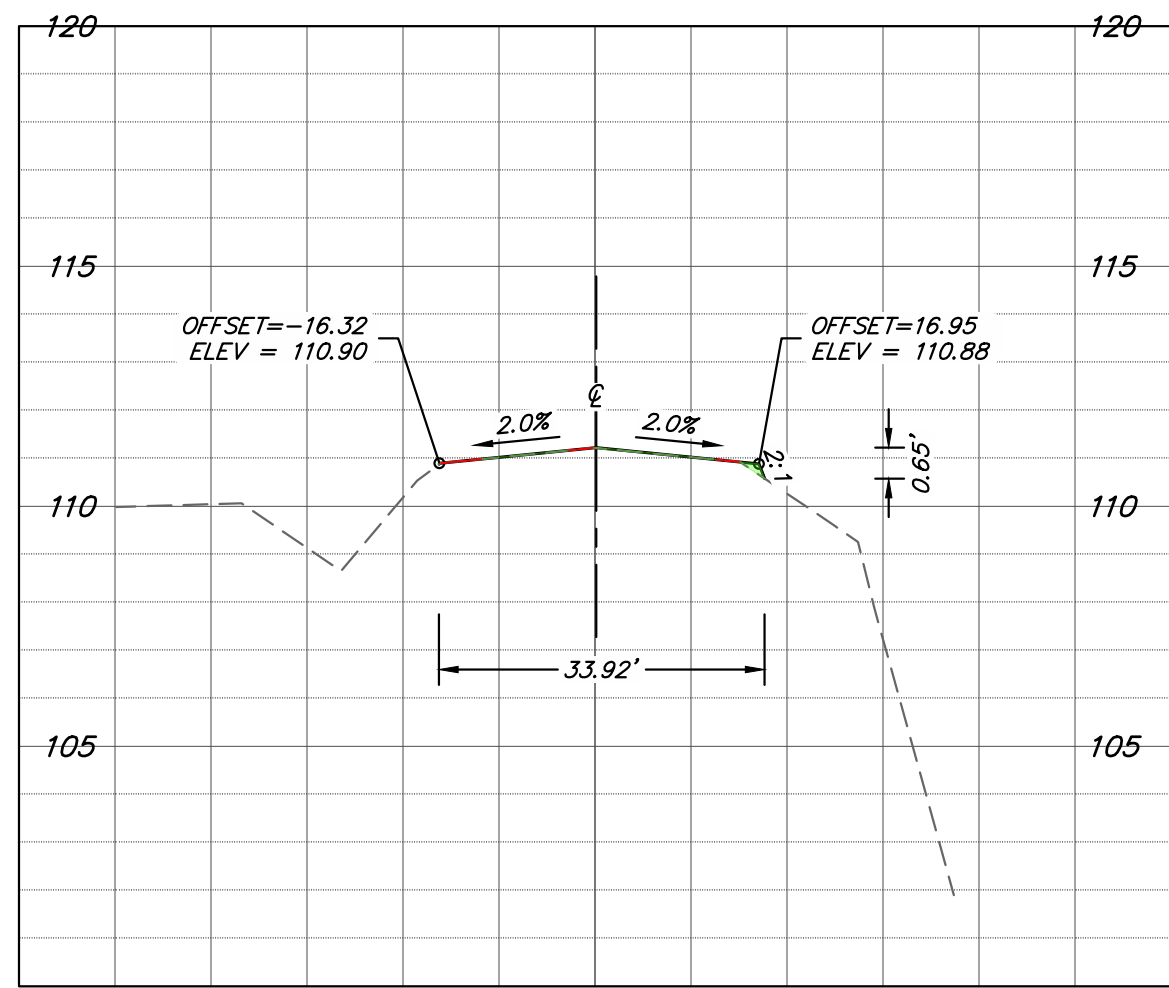
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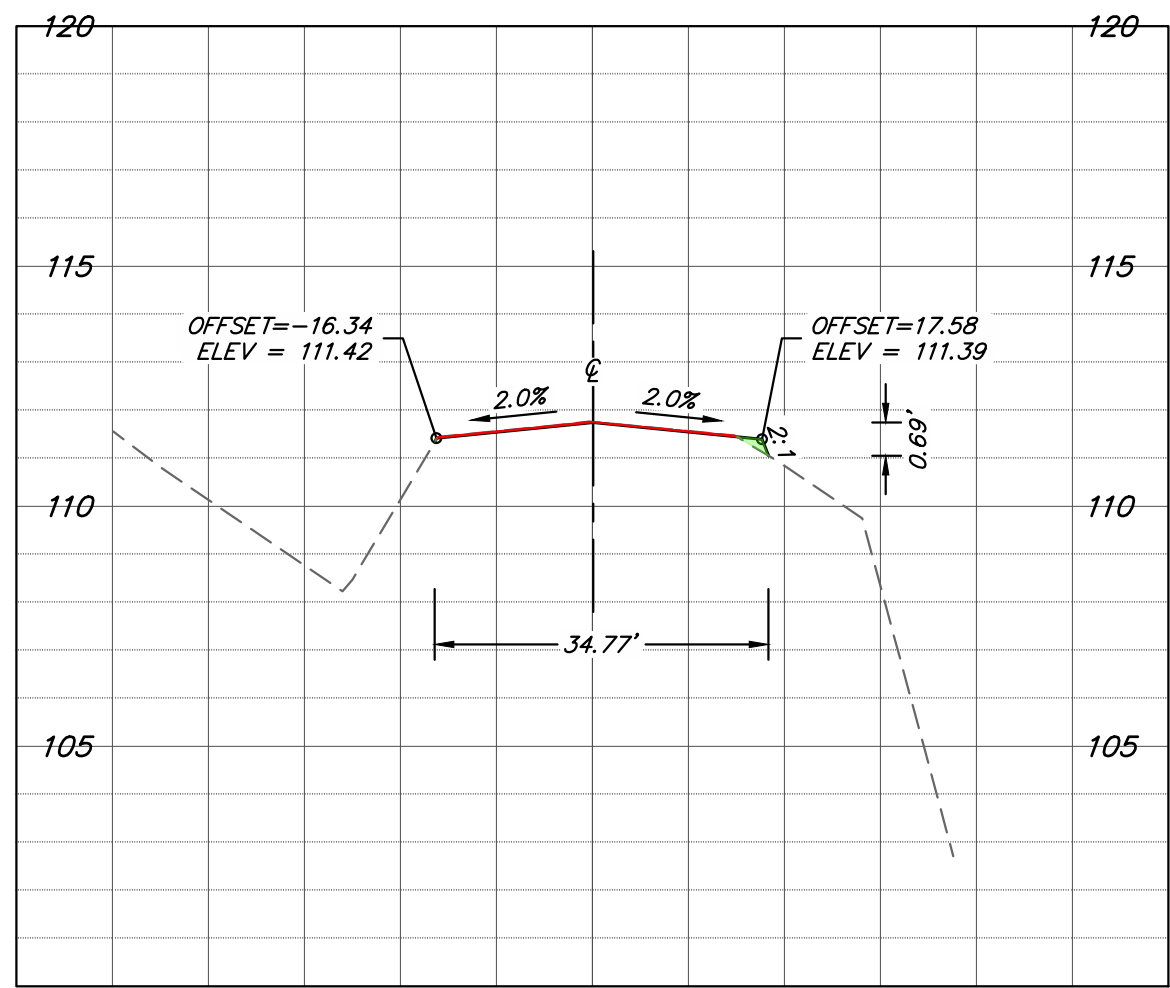
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08 of 14	C6.2	NEW LIFE COMMUNITY ADVENTIST CHURCH ROADWAY WIDENING PLANS PREPARED FOR 1451 AMERICAN CANYON ROAD AMERICAN CANYON, CA	PLAN & PROFILE					NORTH BAY CIVIL ENGINEERING & DESIGN 1963 IROQUOIS STREET MAPA, CA 94559 PHONE: (707) 501-8550 www.NorthBayCivilEngineering.com			
			NEEDED PROJECT 1834.01		DATE MAY 7, 2019		SCALE AS SHOWN				
					DESIGNED BY EWM						
					DRAWN BY AKA						
					CHECKED BY TSH						
								No.	REVISIONS	DATE	BY

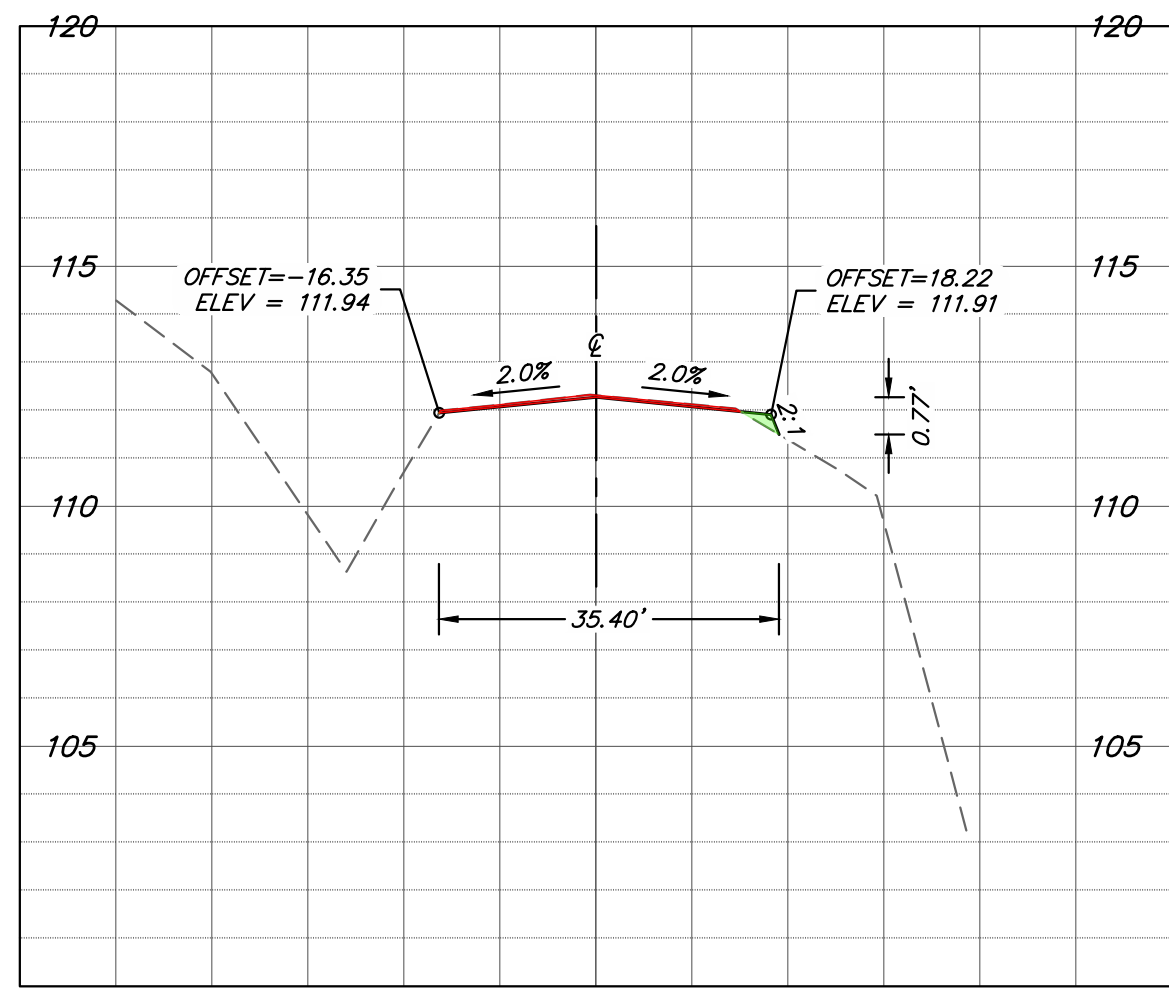
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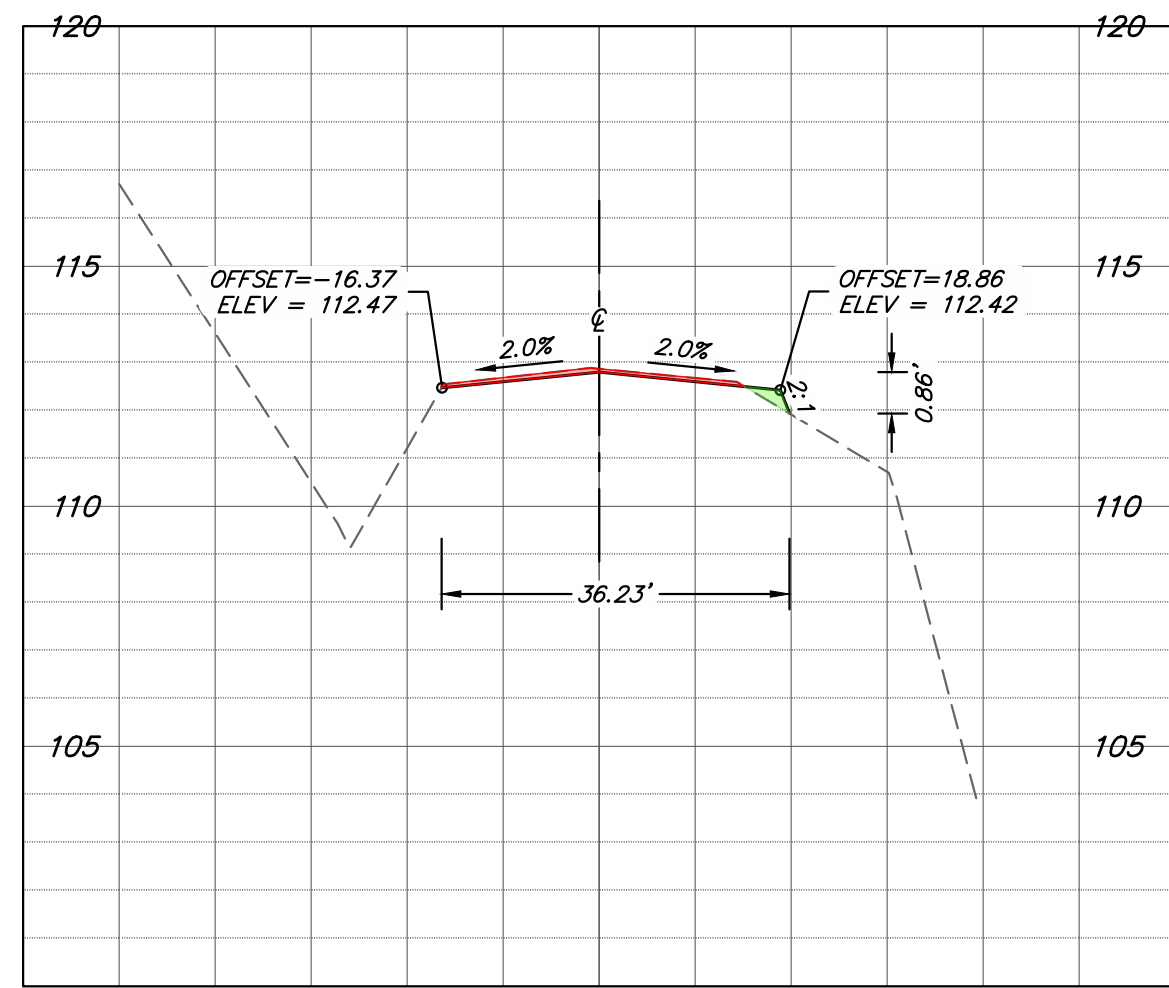
XS-1 AMERICAN CANYON ROAD
STA 1+25



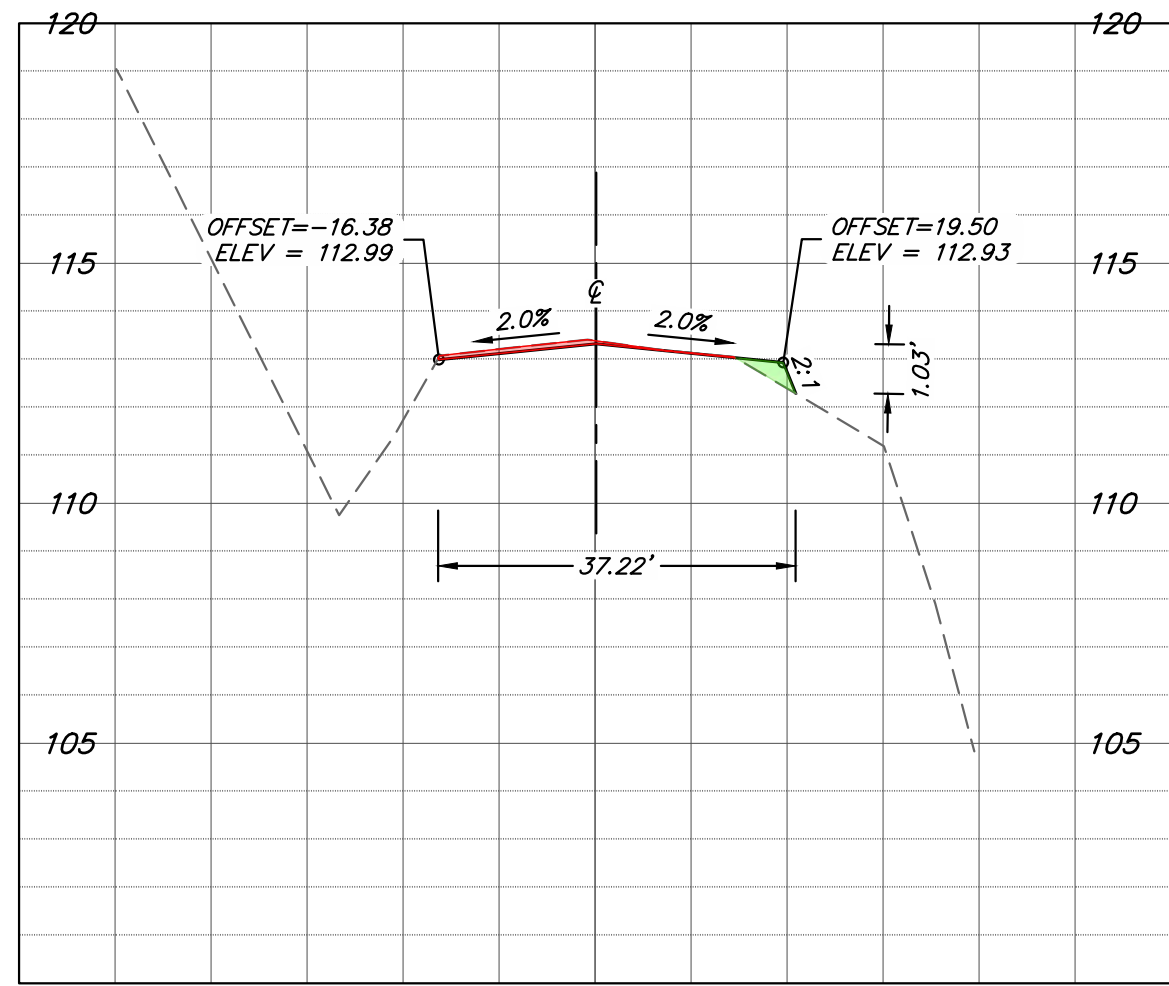
XS-2 AMERICAN CANYON ROAD
STA 1+50



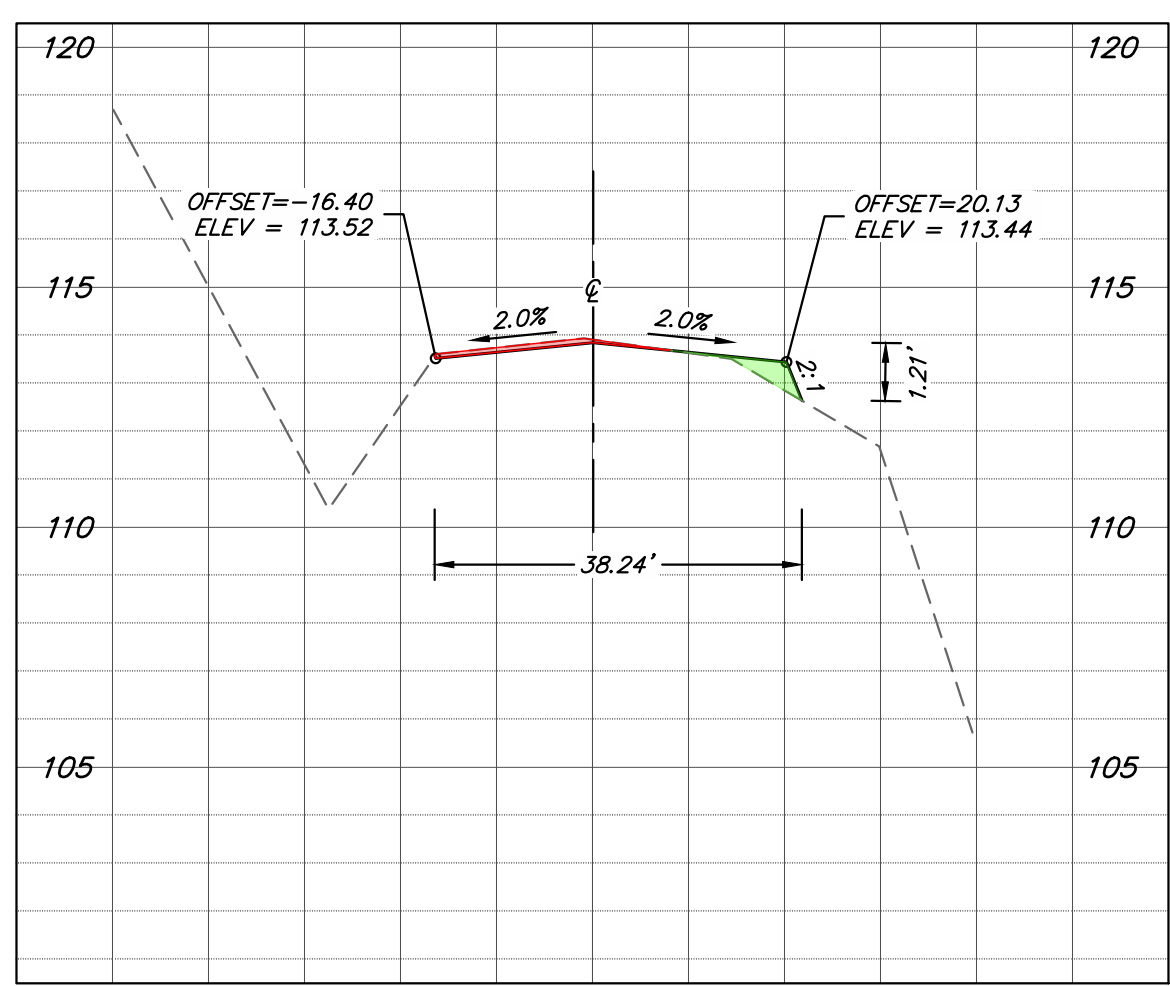
XS-3 AMERICAN CANYON ROAD
STA 1+75



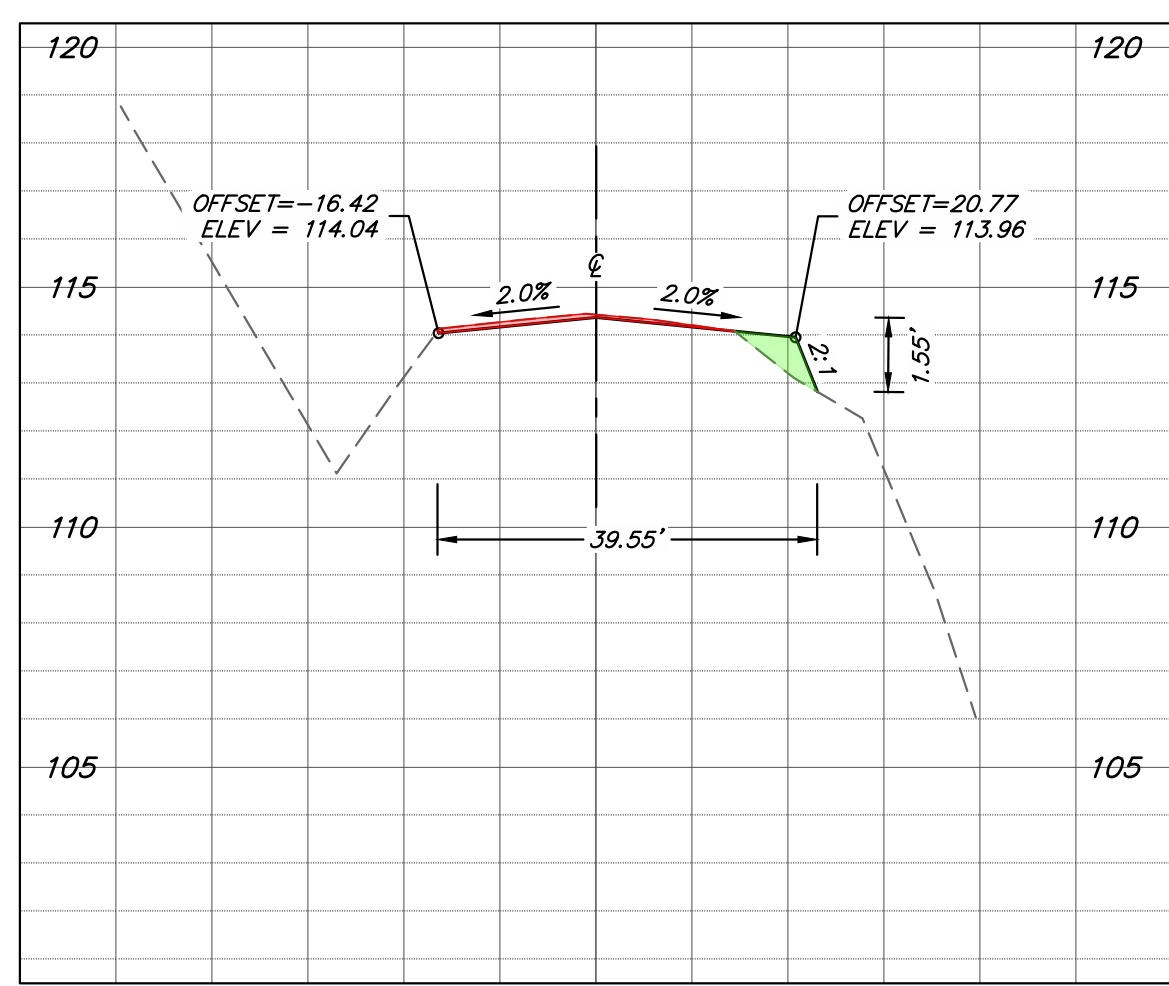
XS-4 AMERICAN CANYON ROAD
STA 2+00



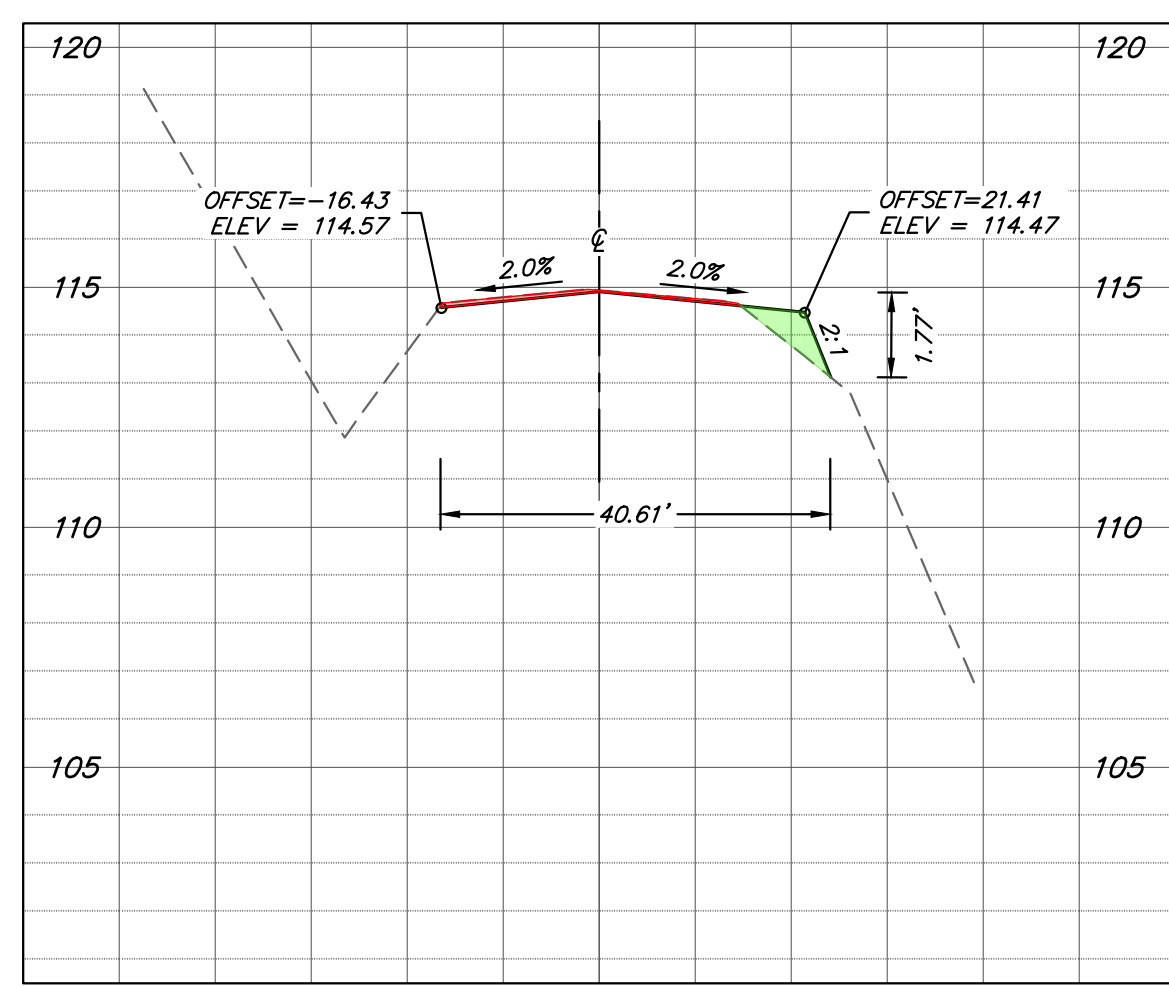
XS-5 AMERICAN CANYON ROAD
STA 2+25



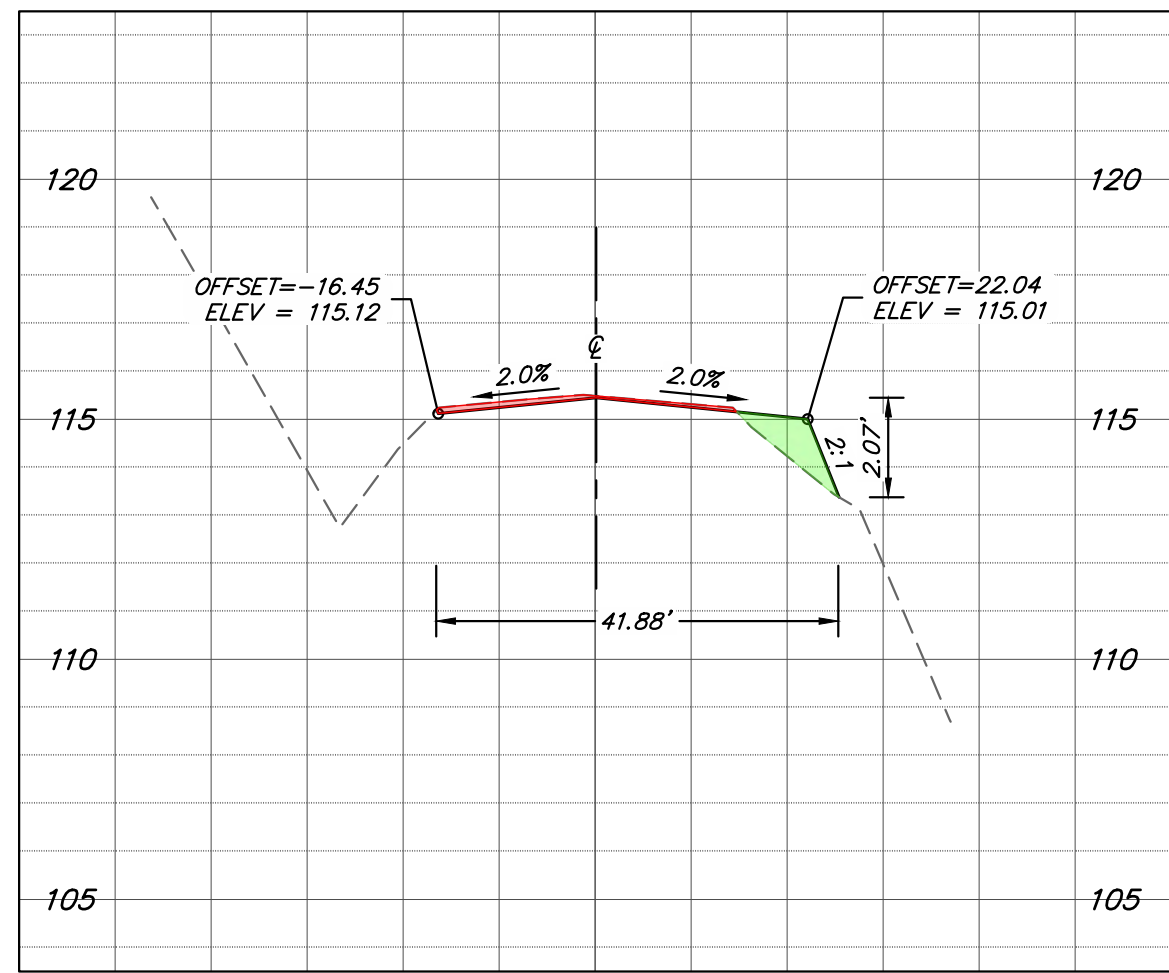
XS-6 AMERICAN CANYON ROAD
STA 2+50



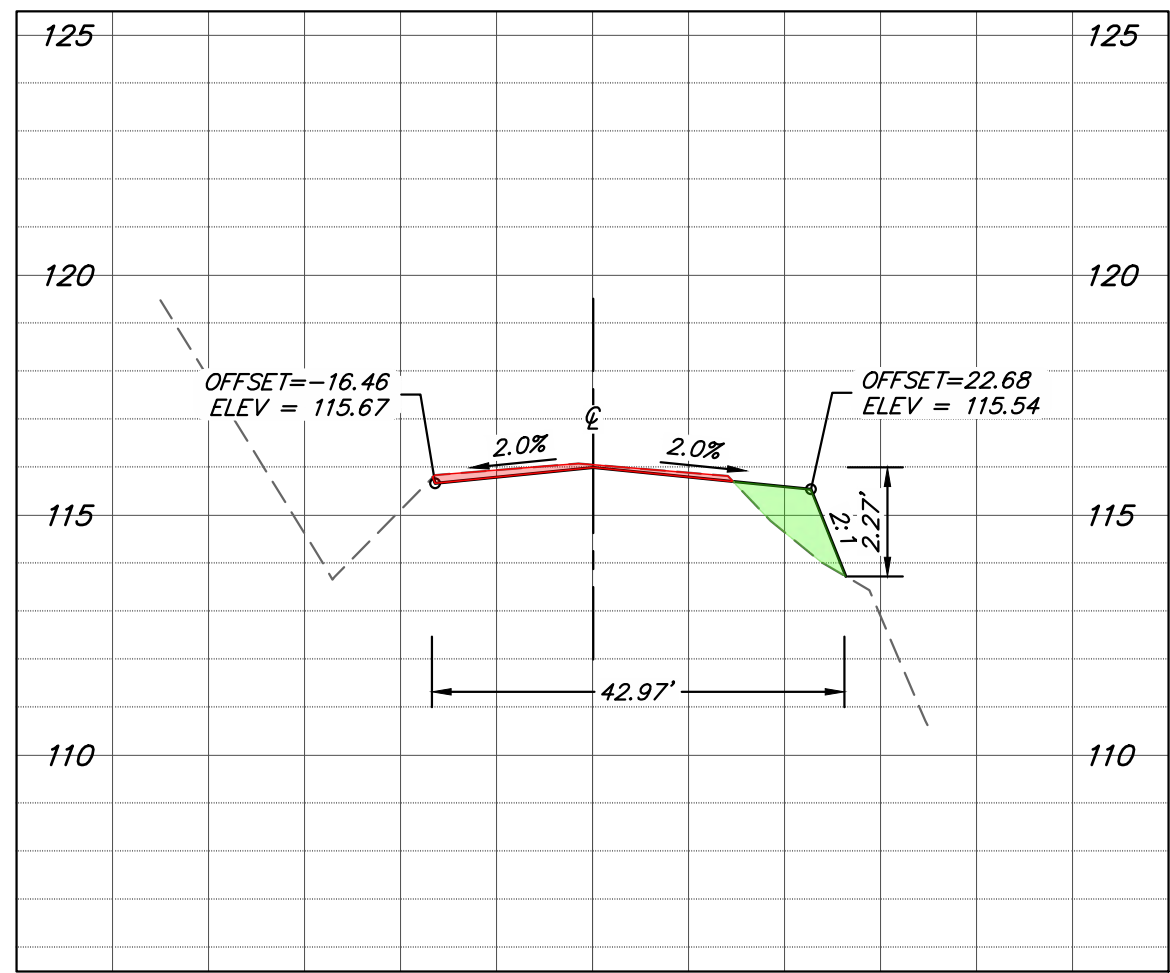
XS-7 AMERICAN CANYON ROAD
STA 2+75



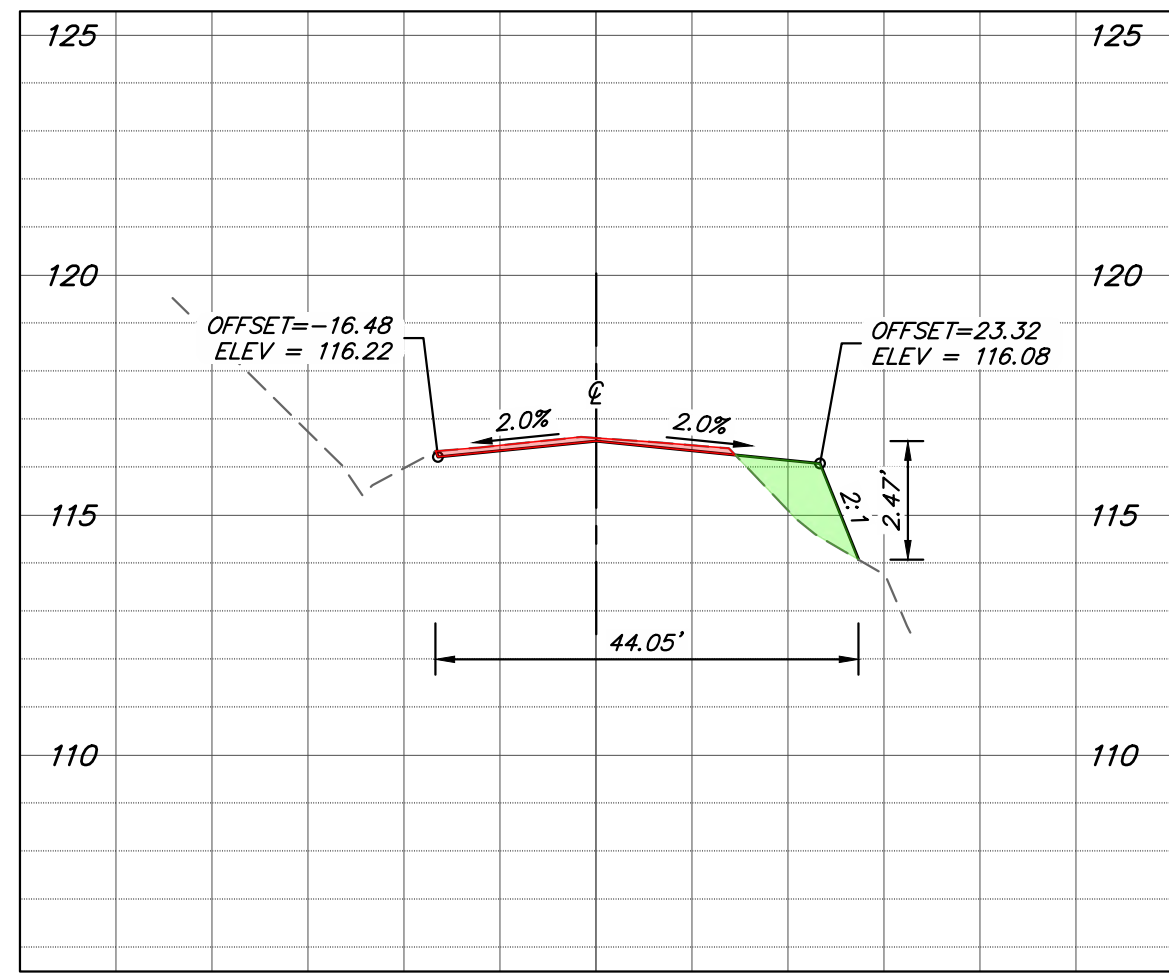
XS-8 AMERICAN CANYON ROAD
STA 3+00



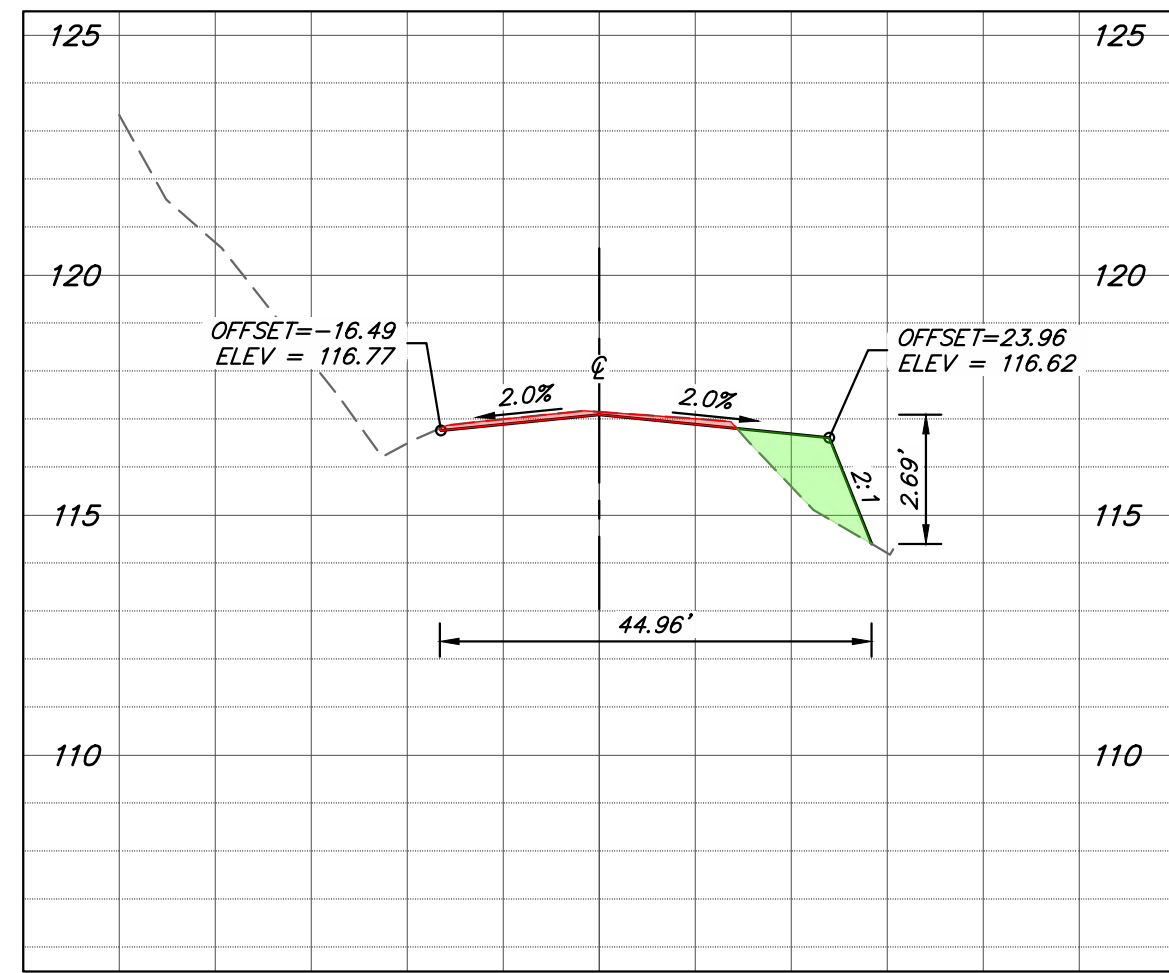
XS-9 AMERICAN CANYON ROAD
STA 3+25



XS-10 AMERICAN CANYON ROAD
STA 3+50



XS-11 AMERICAN CANYON ROAD
STA 3+75

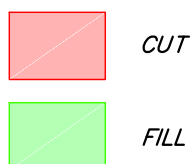


XS-12 AMERICAN CANYON ROAD
STA 4+00

ROADWAY SLOPE ANALYSIS

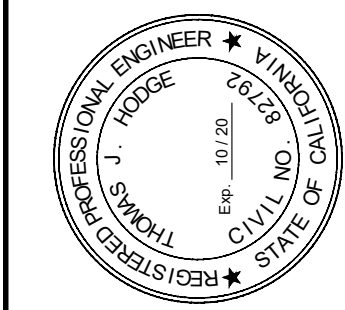
CROSS SECTION	RISE	RUN	% SLOPE
XS-1	0.65'	33.92'	1.92%
XS-2	0.69'	34.77'	1.98%
XS-3	0.77'	35.40'	2.18%
XS-4	0.86'	36.23'	2.37%
XS-5	1.03'	37.22'	2.77%
XS-6	1.21'	38.24'	3.16%
XS-7	1.55'	39.55'	3.92%
XS-8	1.77'	40.61'	4.36%
XS-9	2.07'	41.88'	4.94%
XS-10	2.27'	42.97'	5.28%
XS-11	2.47'	44.05'	5.61%
XS-12	2.69'	44.96'	0.0598
TOTAL	18.03'	469.80'	3.84%

LEGEND



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NEED PROJECT
1834.01
DATE
MAY 7, 2019
SCALE
AS SHOWN
DESIGNED BY
EWM
DRAWN BY
AKA
CHECKED BY
TJH

CROSS SECTIONS

NEW LIFE COMMUNITY
ADVENTIST CHURCH
ROADWAY WIDENING PLANS
PREPARED FOR
1451 AMERICAN CANYON ROAD
AMERICAN CANYON, CA

C7.0

09 of 14

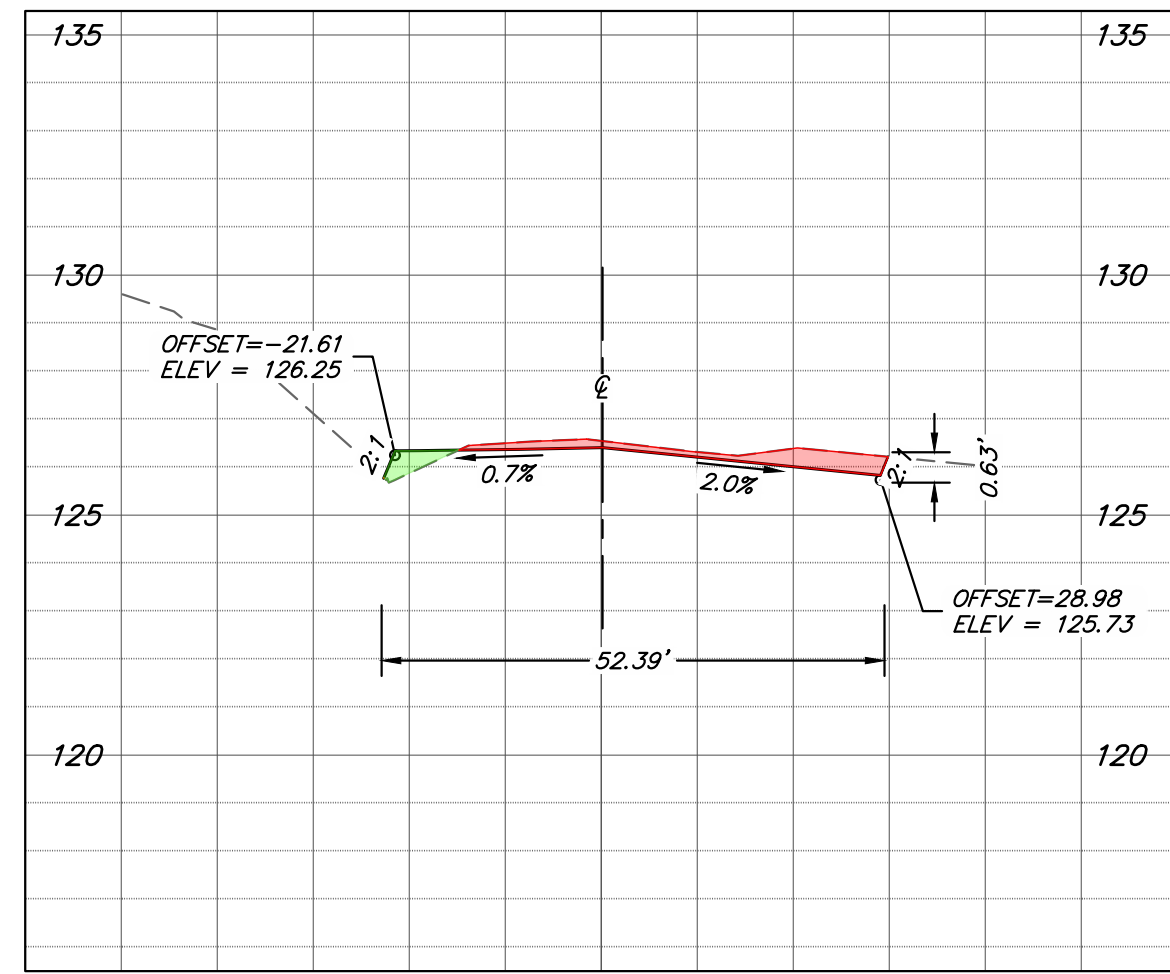
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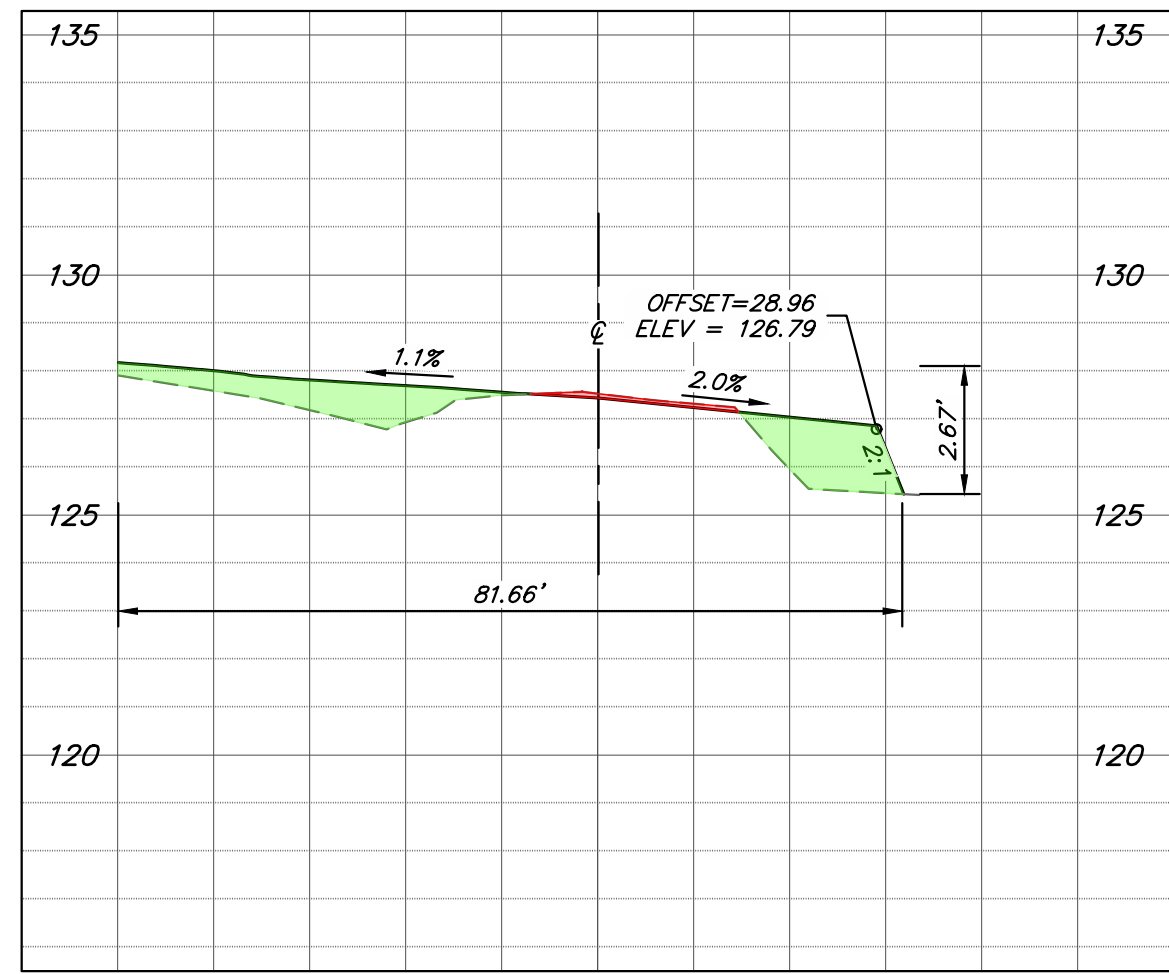
<i>CROSS SECTION</i>	<i>RISE</i>	<i>RUN</i>	<i>% SLOPE</i>
<i>XS-13</i>	<i>2.80'</i>	<i>45.25'</i>	<i>6.19%</i>
<i>XS-14</i>	<i>1.44'</i>	<i>43.44'</i>	<i>3.31%</i>
<i>XS-15</i>	<i>1.38'</i>	<i>43.87'</i>	<i>3.15%</i>
<i>XS-16</i>	<i>0.53'</i>	<i>44.41'</i>	<i>1.19%</i>
<i>XS-17</i>	<i>0.88'</i>	<i>46.46'</i>	<i>1.89%</i>
<i>XS-18</i>	<i>1.45'</i>	<i>47.65'</i>	<i>3.04%</i>
<i>XS-19</i>	<i>1.55'</i>	<i>9.73'</i>	<i>15.93%</i>
<i>XS-20</i>	<i>1.57'</i>	<i>49.72'</i>	<i>3.16%</i>
<i>XS-21</i>	<i>1.40'</i>	<i>49.24'</i>	<i>2.84%</i>
<i>XS-22</i>	<i>1.51'</i>	<i>49.03'</i>	<i>3.08%</i>
<i>XS-23</i>	<i>1.35'</i>	<i>48.59'</i>	<i>2.78%</i>
<i>XS-24</i>	<i>1.05'</i>	<i>47.62'</i>	<i>0.0220</i>
<i>TOTAL</i>	<i>16.91'</i>	<i>525.01'</i>	<i>3.22%</i>



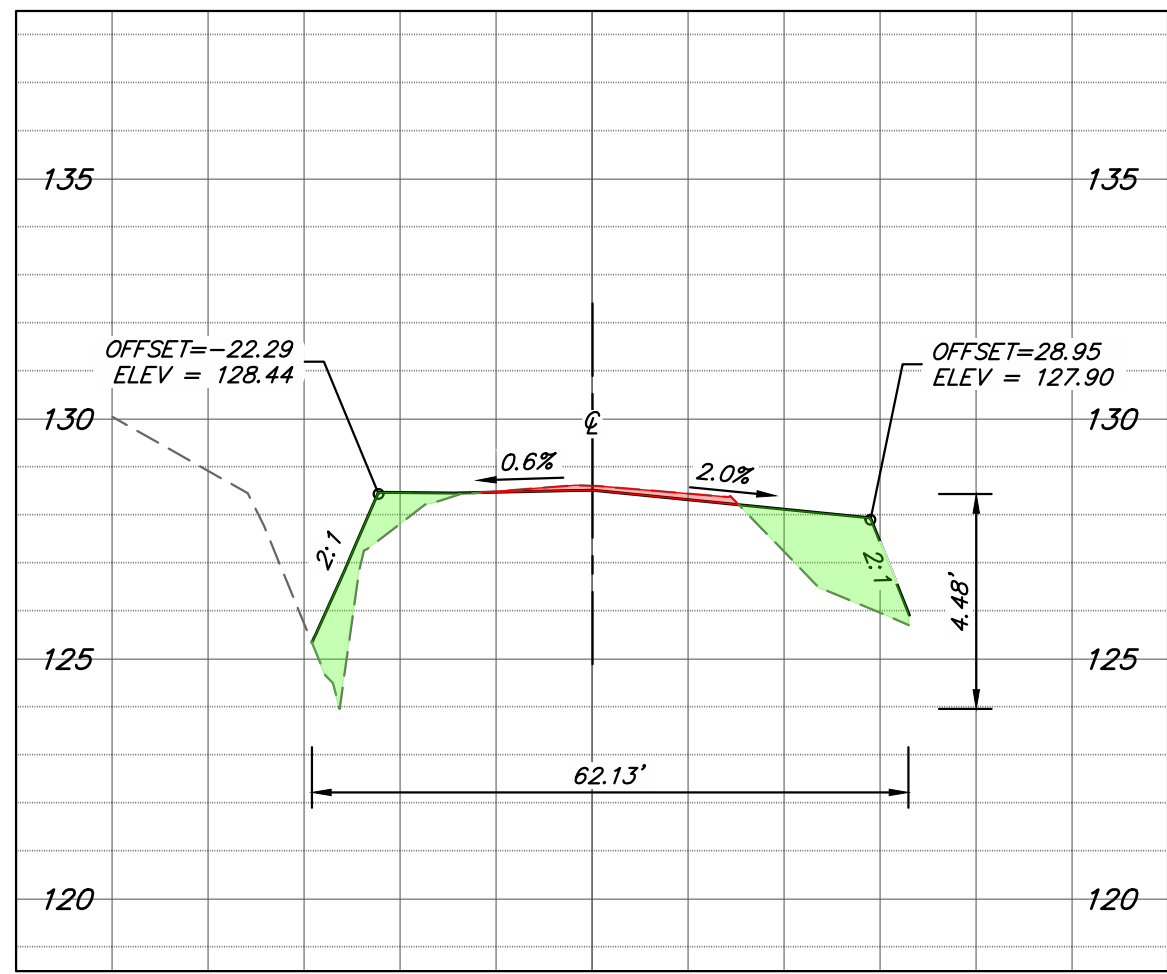
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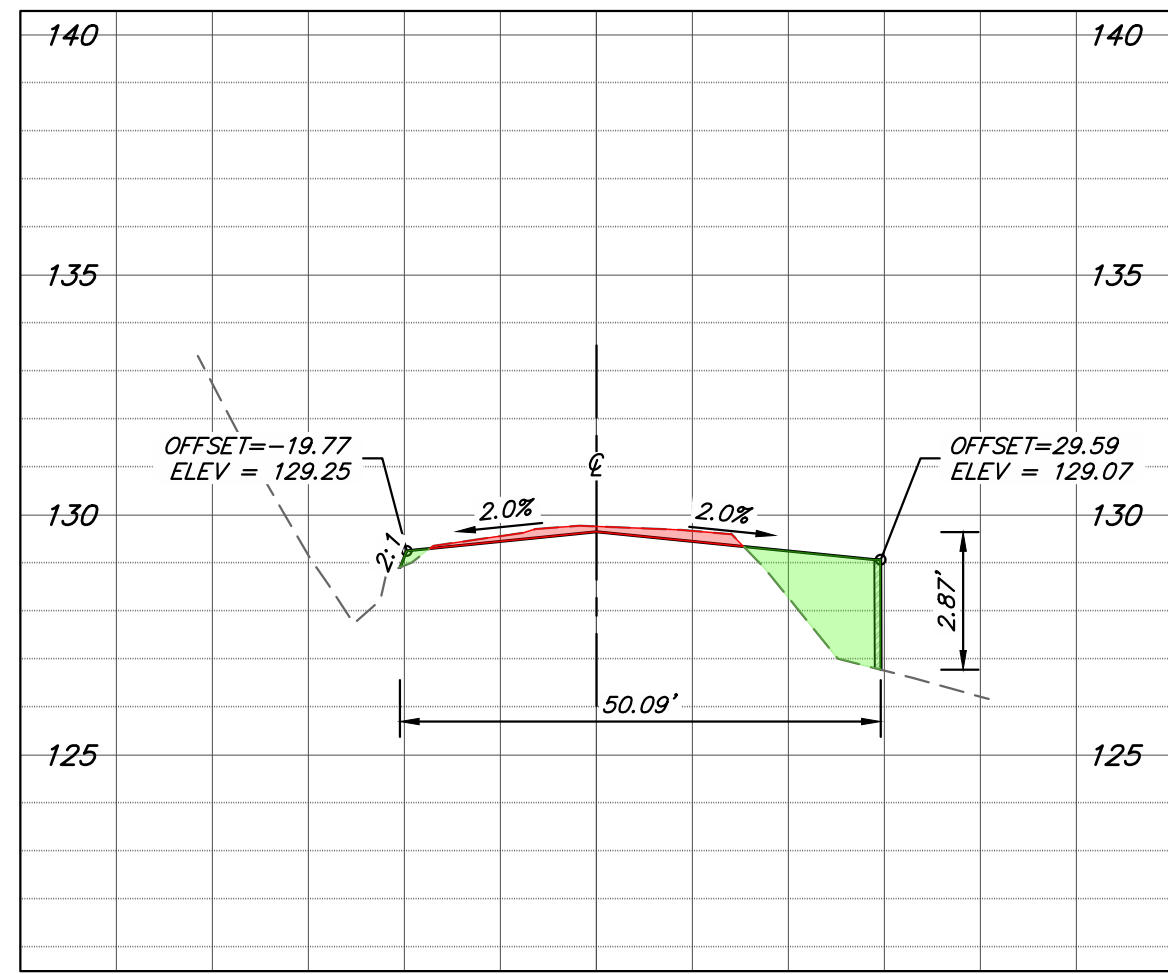
XS-25 AMERICAN CANYON ROAD
STA 7+25



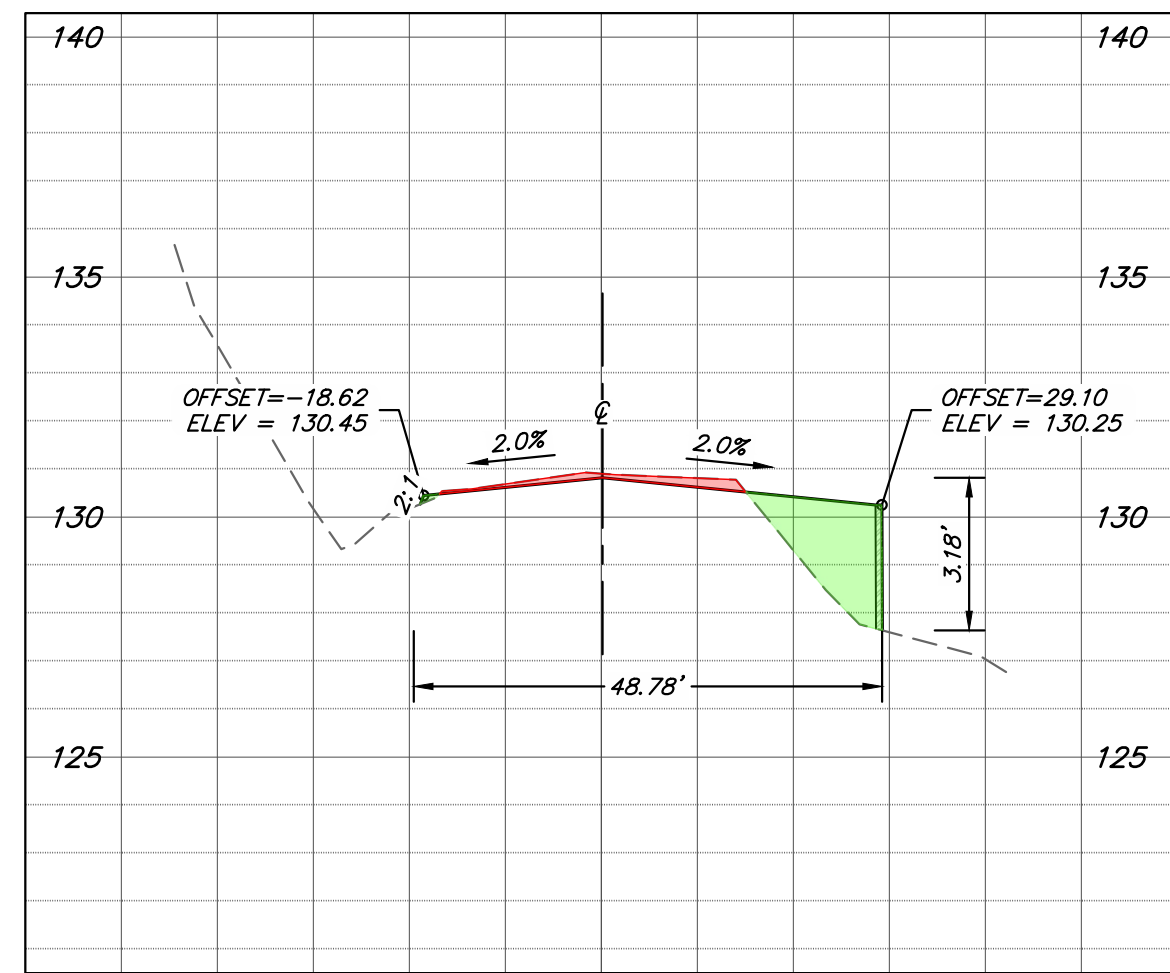
XS-26 AMERICAN CANYON ROAD
STA 7+50



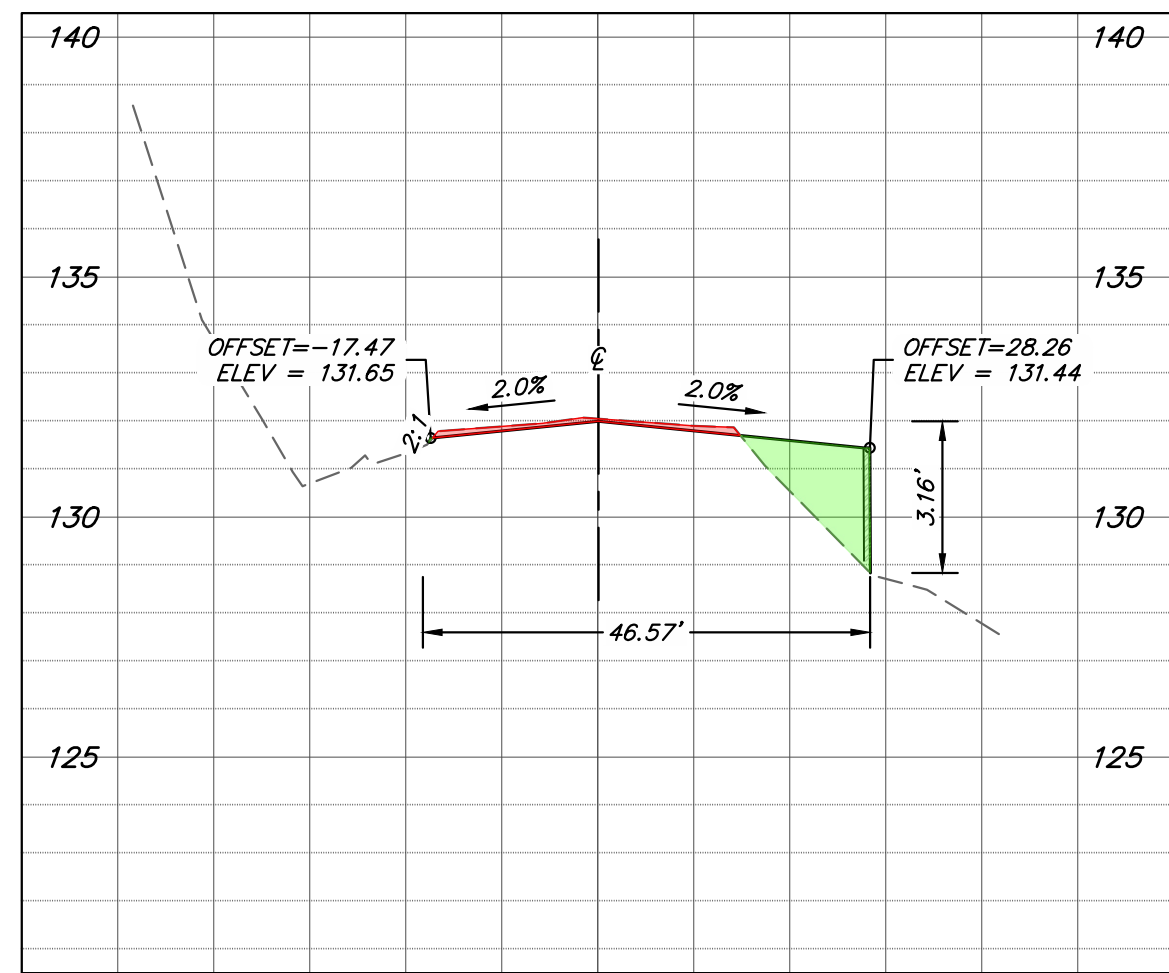
XS-27 AMERICAN CANYON ROAD
STA 7+75



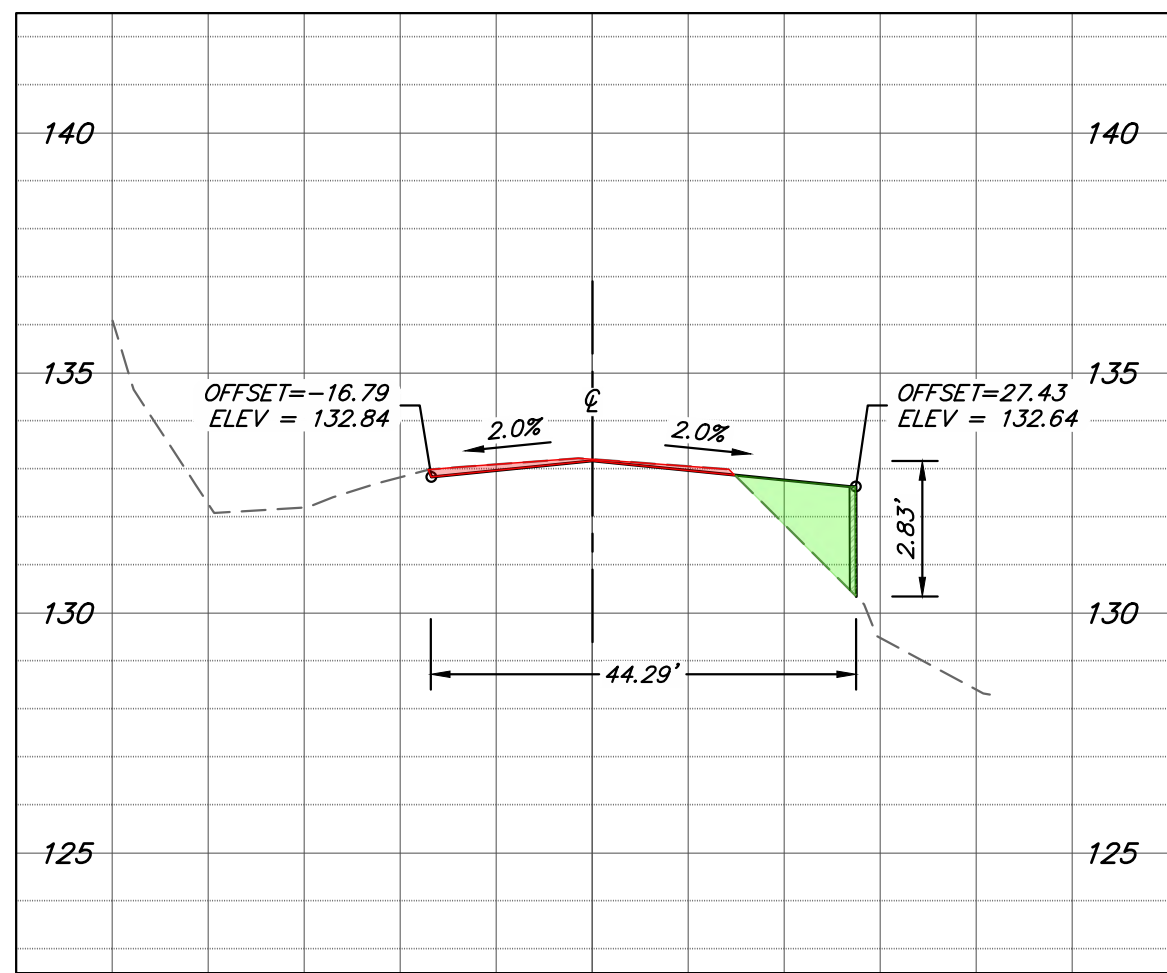
XS-28 AMERICAN CANYON ROAD
STA 8+00



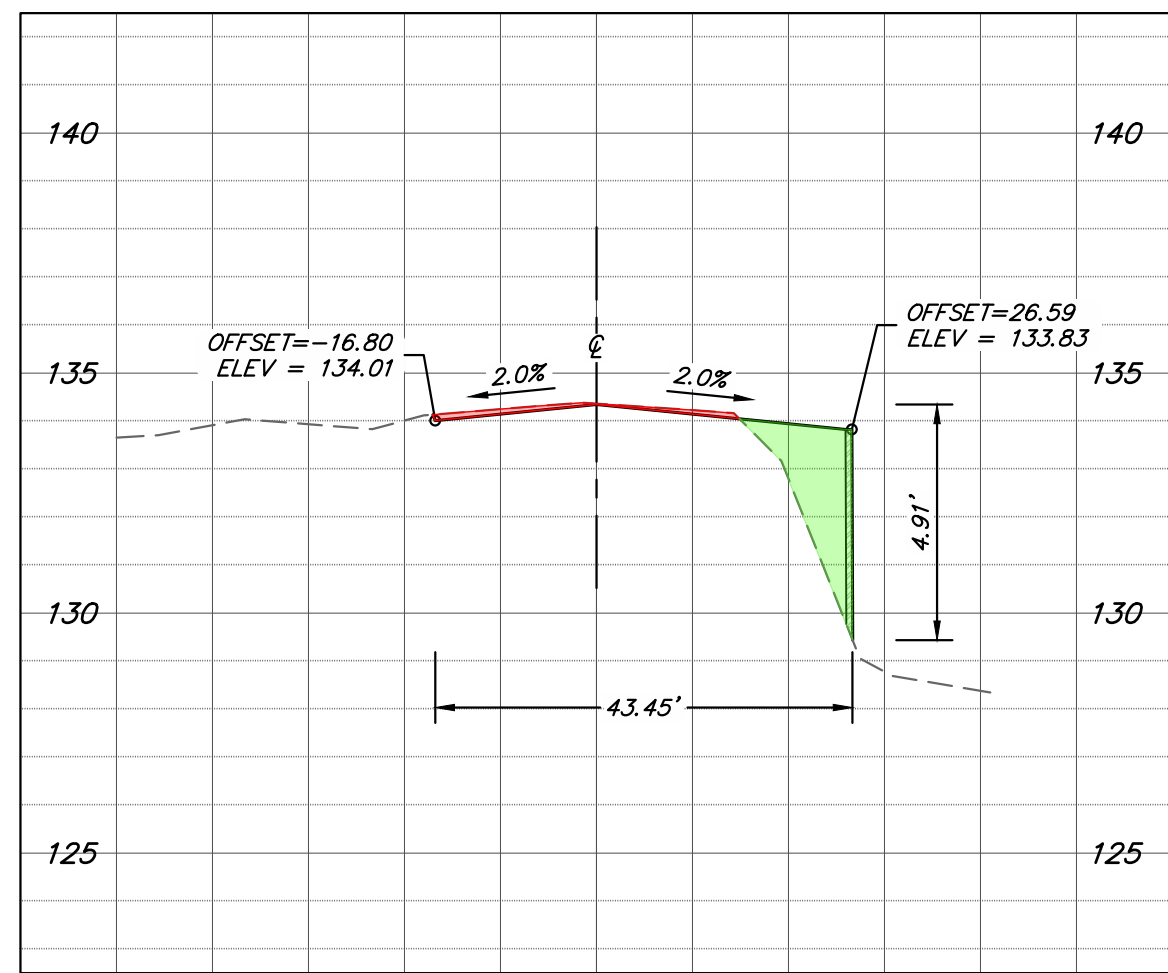
XS-29 AMERICAN CANYON ROAD
STA 8+25



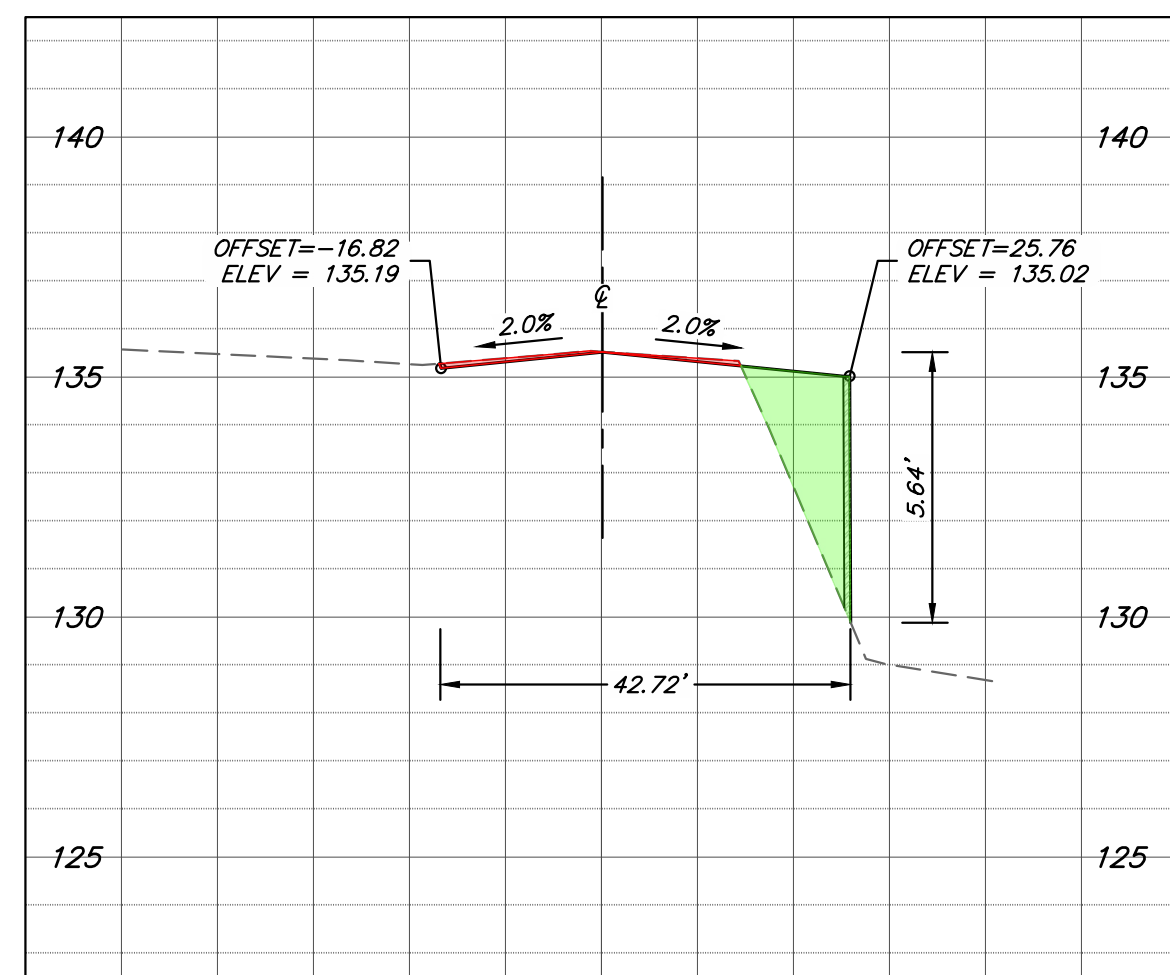
XS-30 AMERICAN CANYON ROAD
STA 8+50



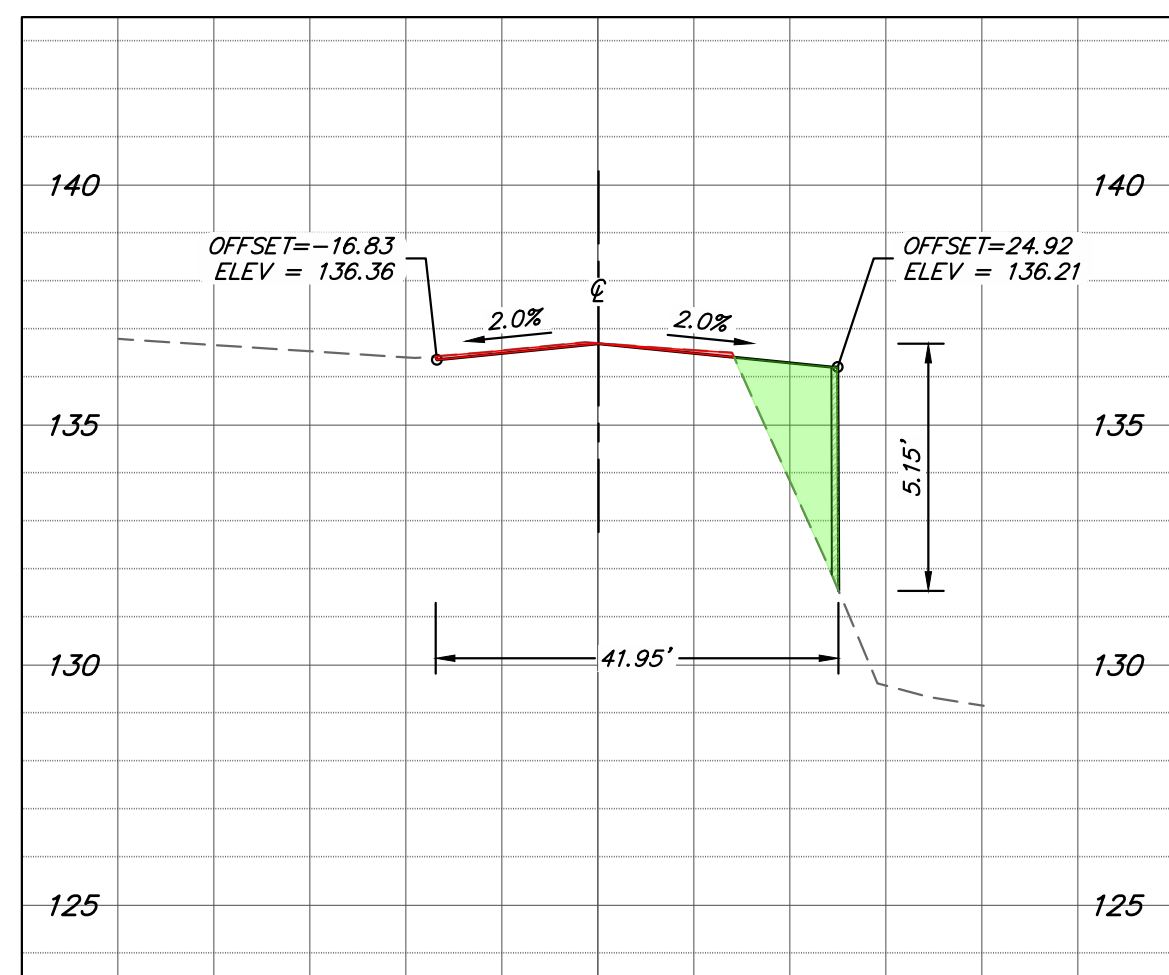
XS-31 AMERICAN CANYON ROAD
STA 8+75



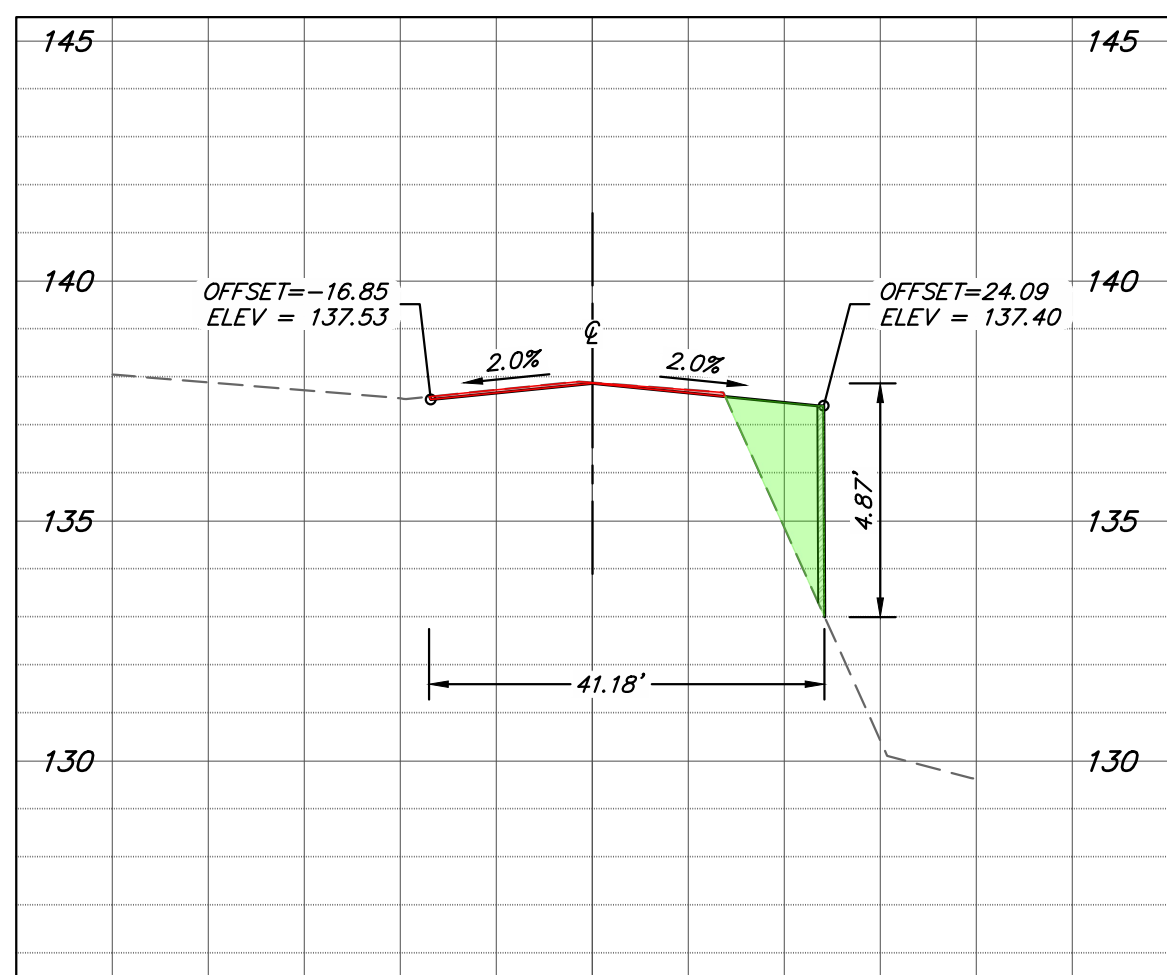
XS-32 AMERICAN CANYON ROAD
STA 9+00



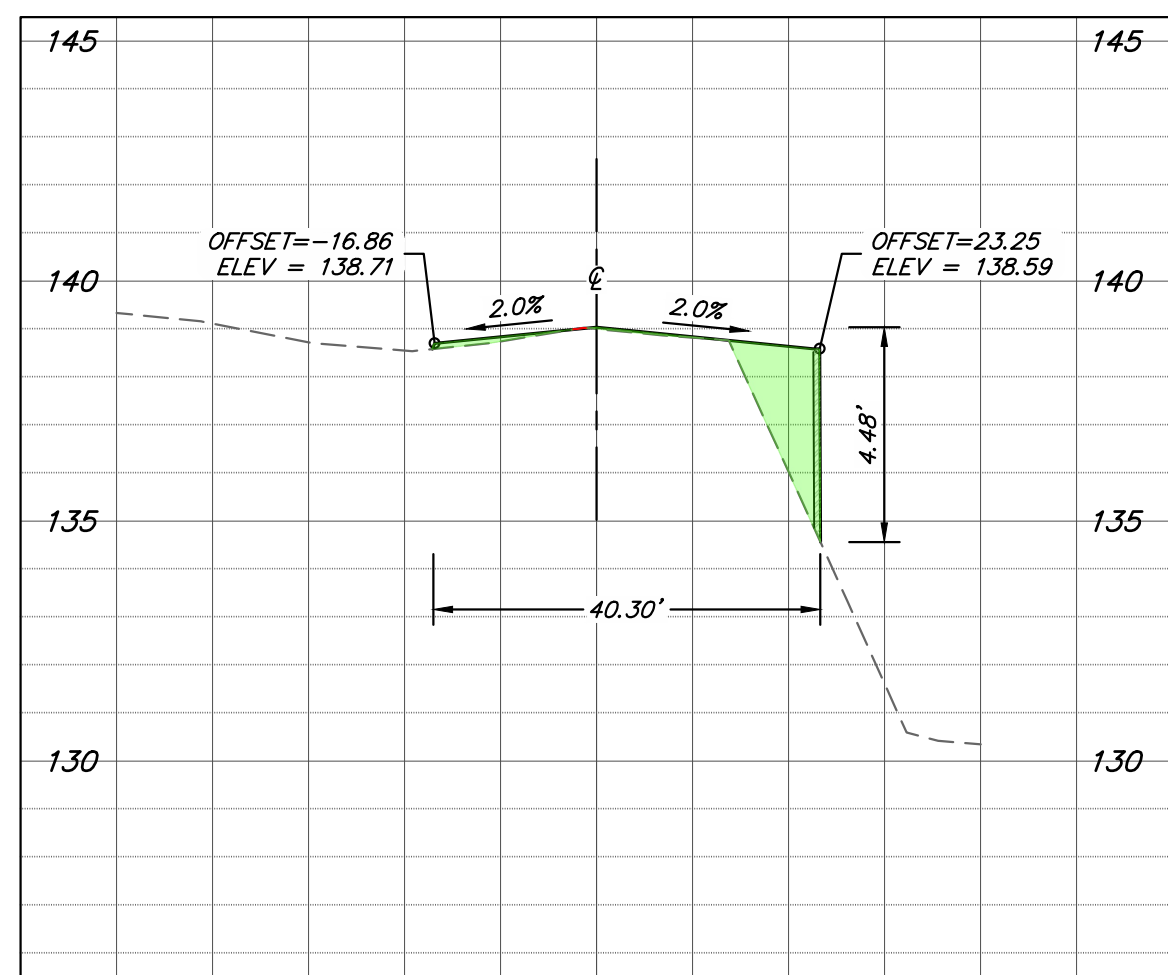
XS-33 AMERICAN CANYON ROAD
STA 9+25



XS-34 AMERICAN CANYON ROAD
STA 9+50



XS-35 AMERICAN CANYON ROAD
STA 9+75

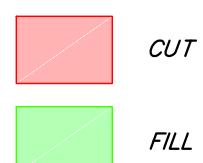


XS-36 AMERICAN CANYON ROAD
STA 10+00

ROADWAY SLOPE ANALYSIS

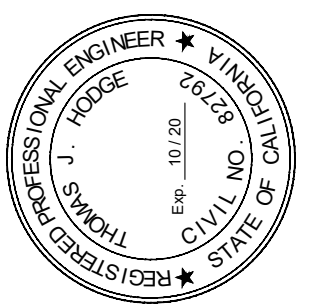
CROSS SECTION	RISE	RUN	% SLOPE
XS-25	0.63'	52.39'	1.20%
XS-26	2.67'	81.66'	3.27%
XS-27	4.48'	62.13'	7.21%
XS-28	2.87'	50.09'	5.73%
XS-29	3.18'	48.78'	6.52%
XS-30	3.16'	46.57'	6.79%
XS-31	2.83'	44.29'	6.39%
XS-32	4.91'	43.45'	11.30%
XS-33	5.64'	42.72'	13.20%
XS-34	5.15'	41.95'	12.28%
XS-35	4.87'	41.18'	11.83%
XS-36	4.48'	40.30'	11.11%
TOTAL	44.87'	595.51'	7.53%

LEGEND



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PROJECT NO. 1834.01
DATE MAY 7, 2019
SCALE AS SHOWN
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DRAWN BY AKA
CHECKED BY TSH

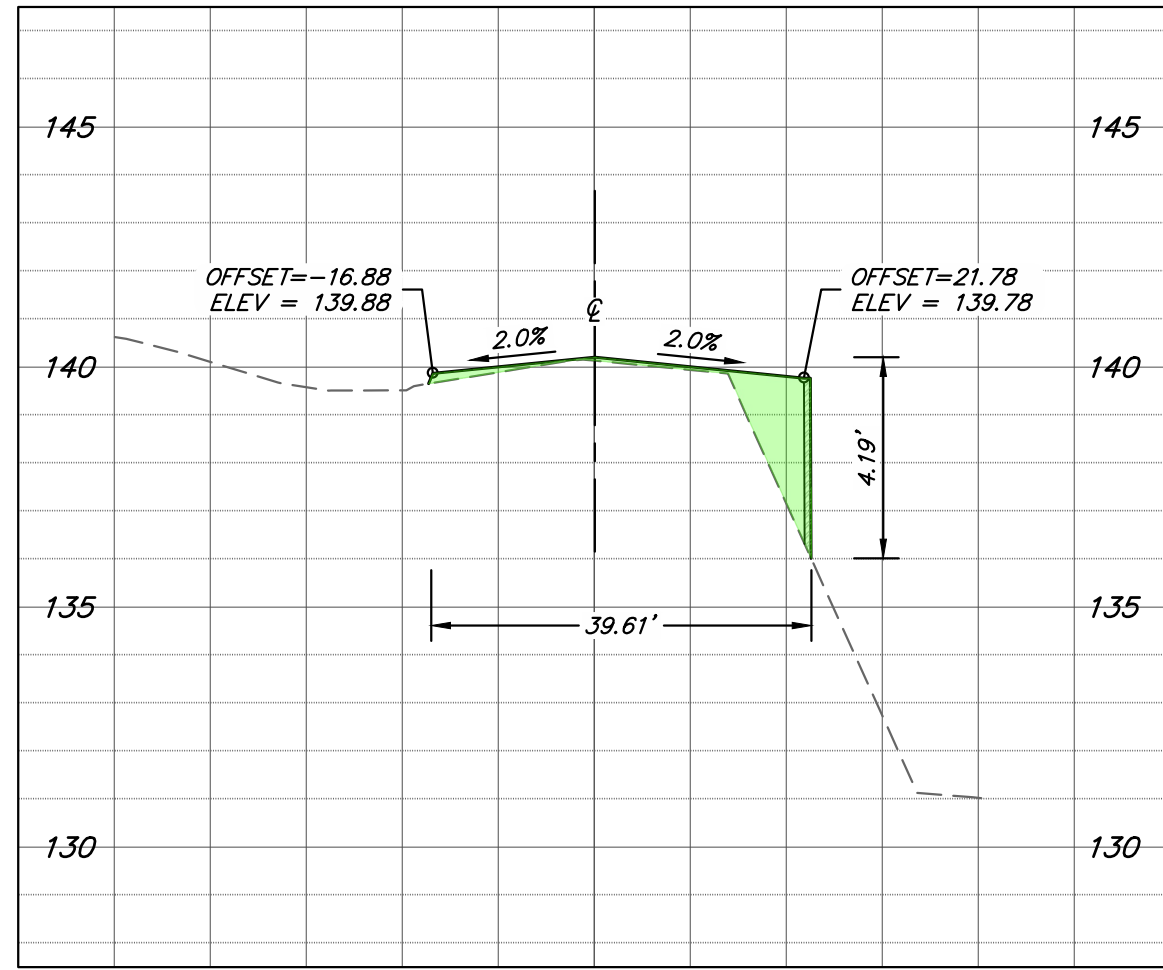
CROSS SECTIONS

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ADVENTIST CHURCH
ROADWAY WIDENING PLANS
PREPARED FOR
1451 AMERICAN CANYON ROAD
AMERICAN CANYON, CA

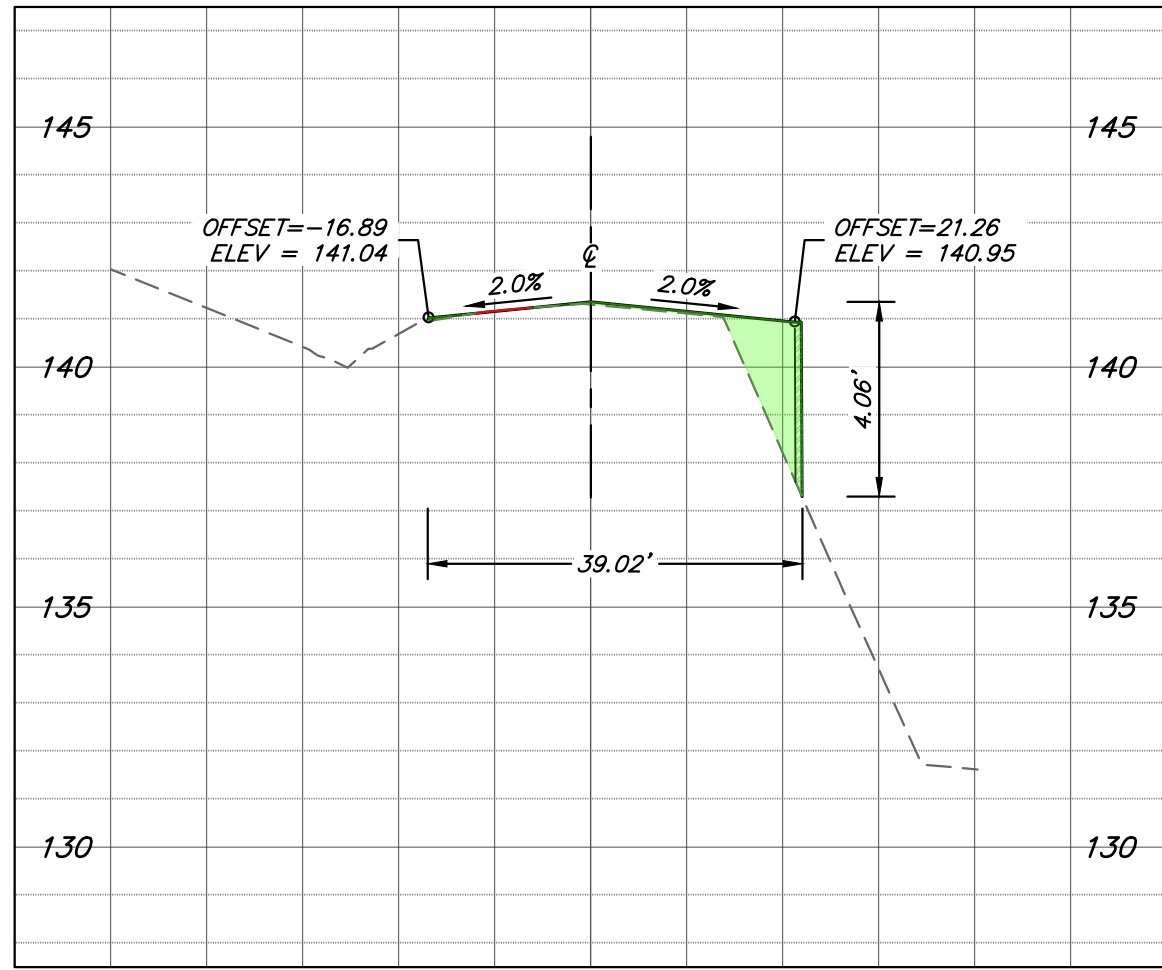
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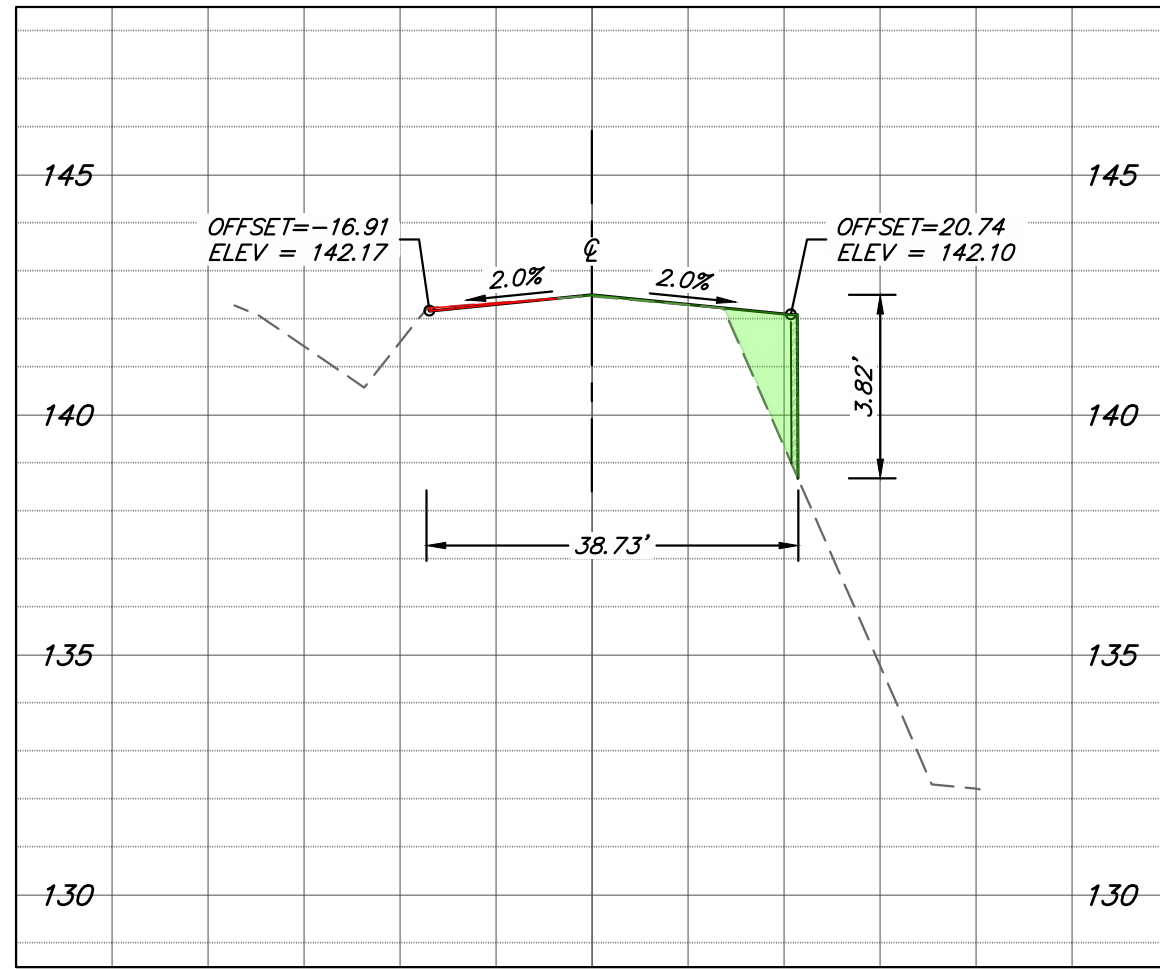
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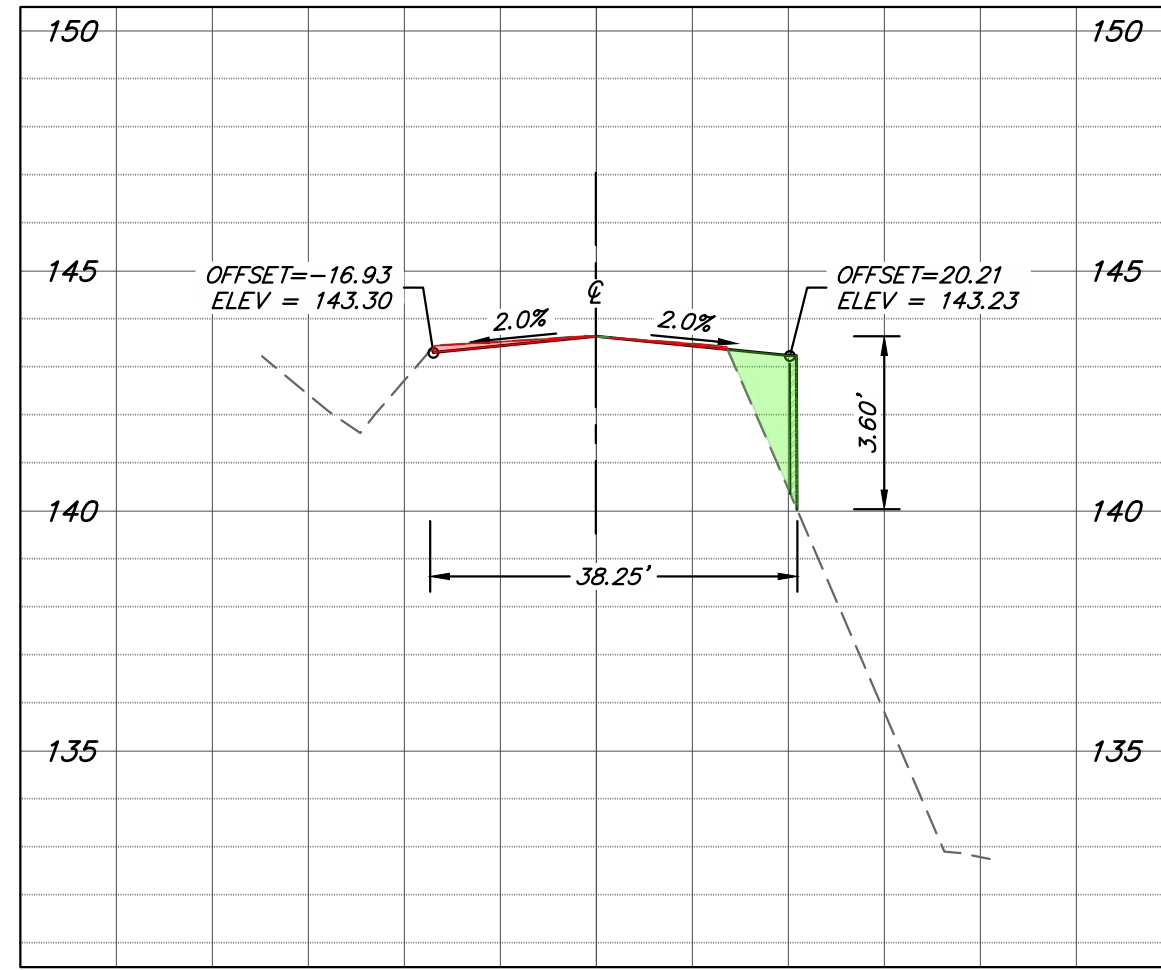
XS-37 AMERICAN CANYON ROAD
STA 10+25



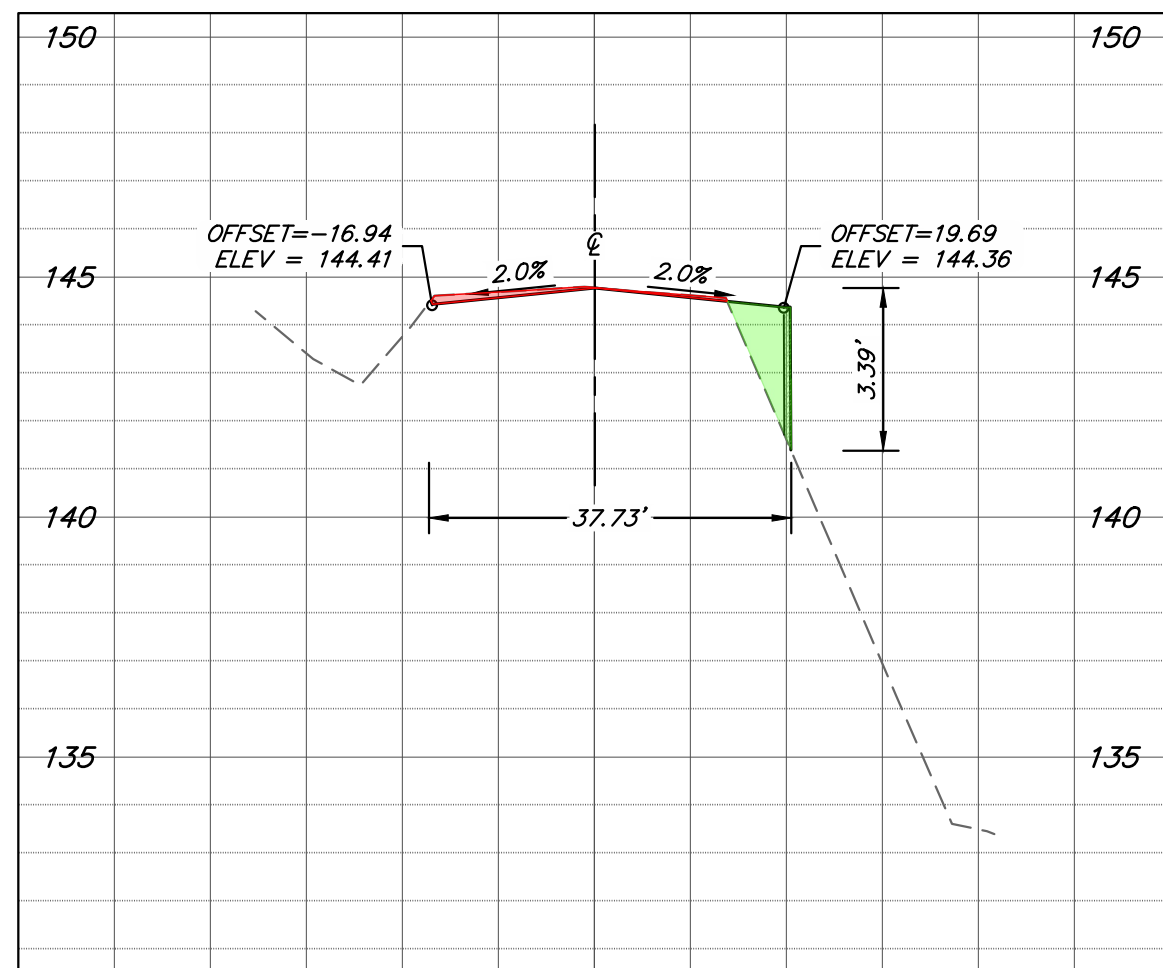
XS-38 AMERICAN CANYON ROAD
STA 10+50



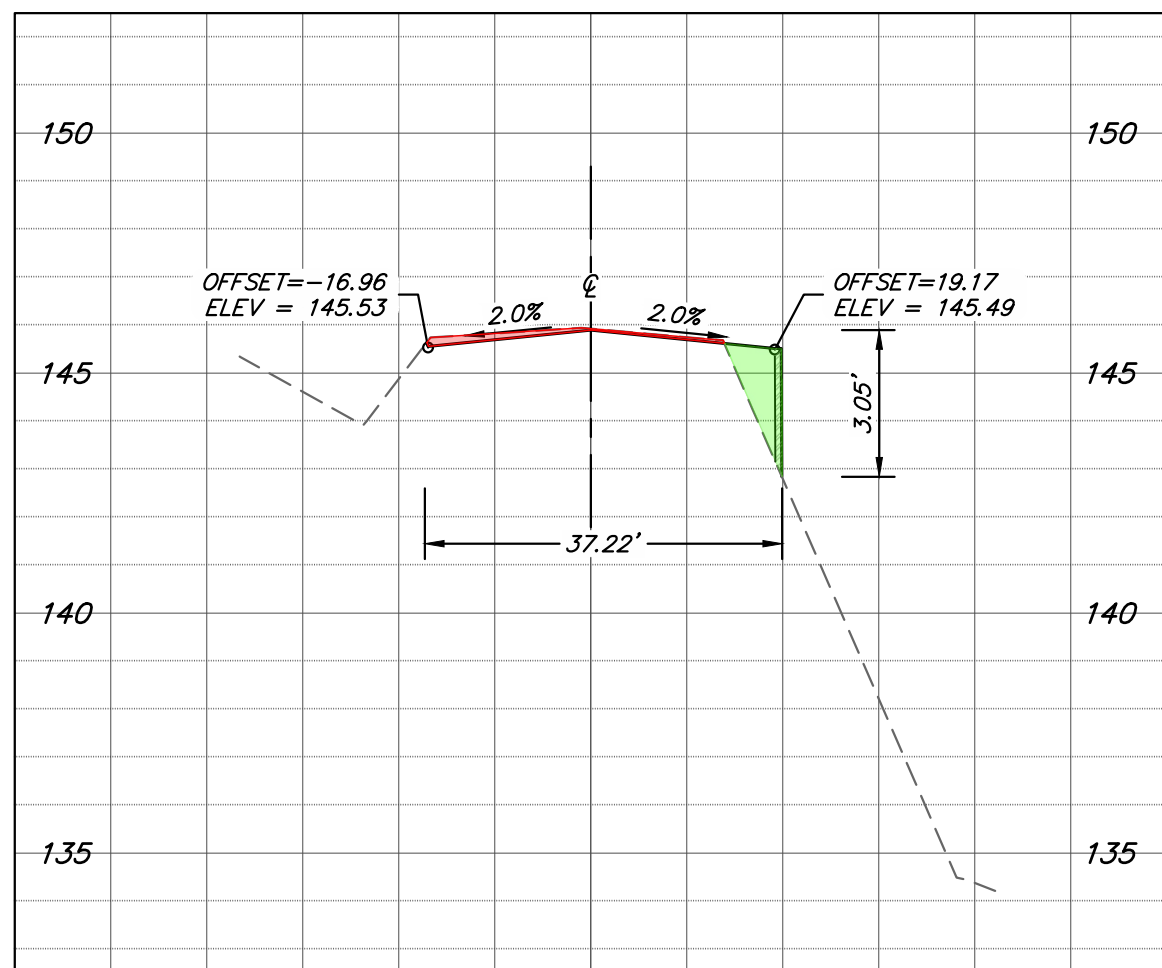
XS-39 AMERICAN CANYON ROAD
STA 10+75



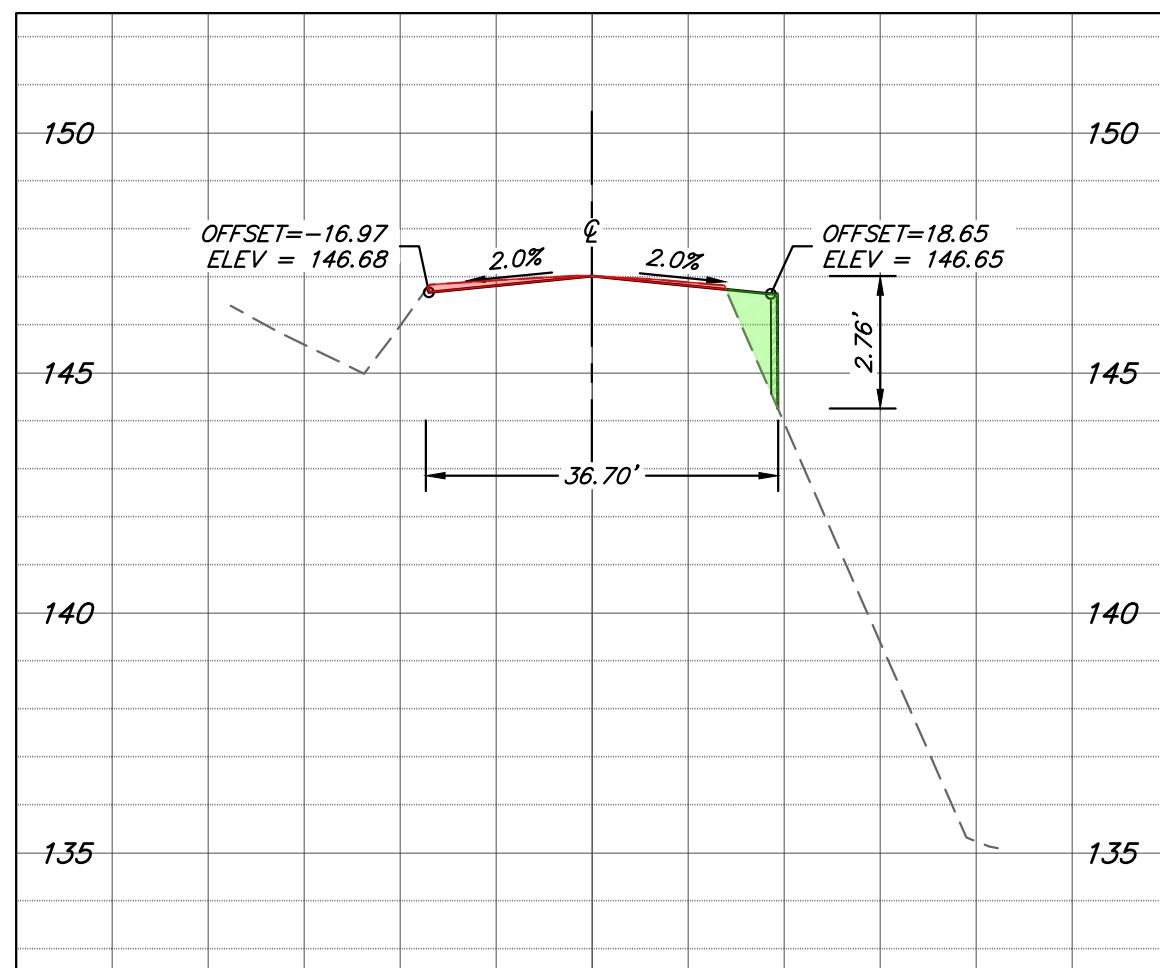
XS-40 AMERICAN CANYON ROAD
STA 11+00



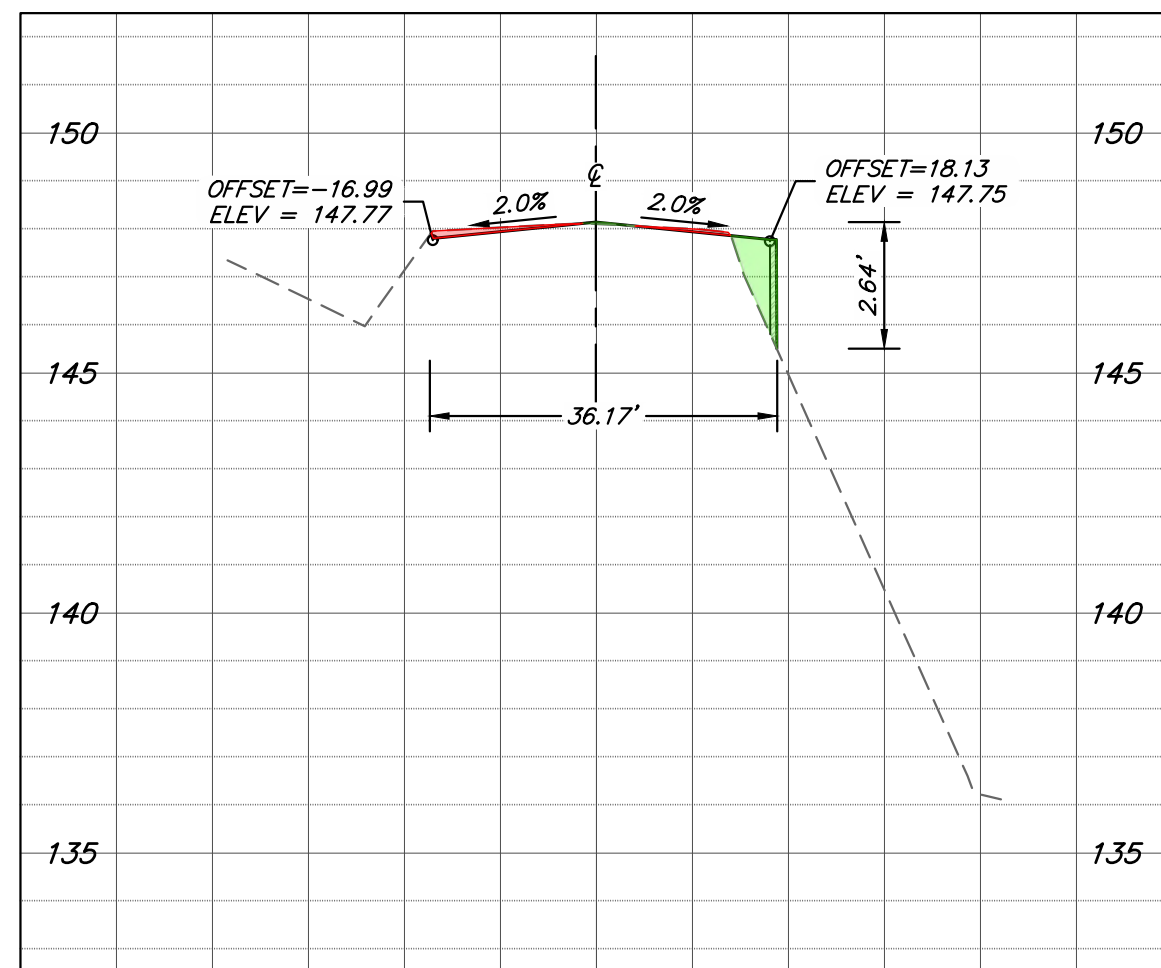
XS-41 AMERICAN CANYON ROAD
STA 11+25



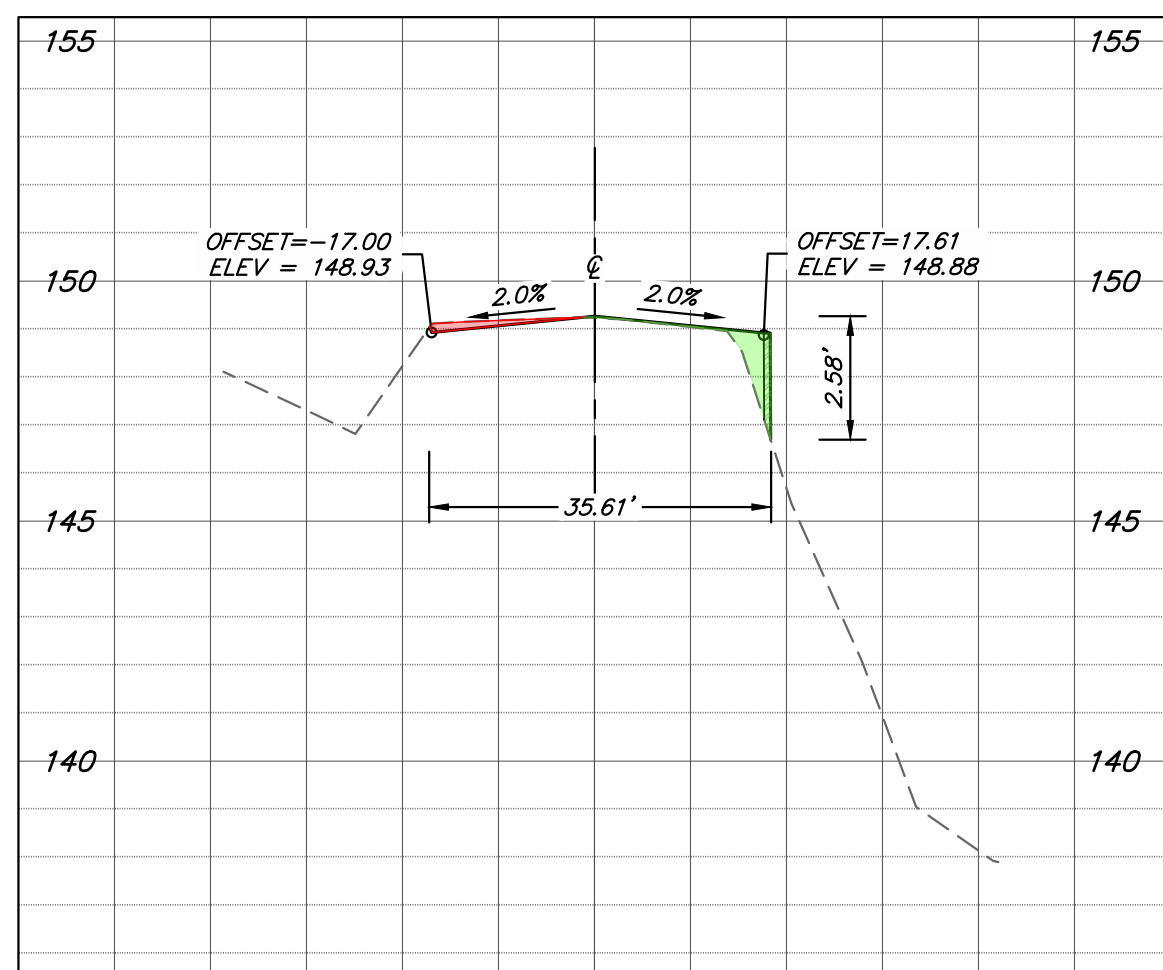
XS-42 AMERICAN CANYON ROAD
STA 11+50



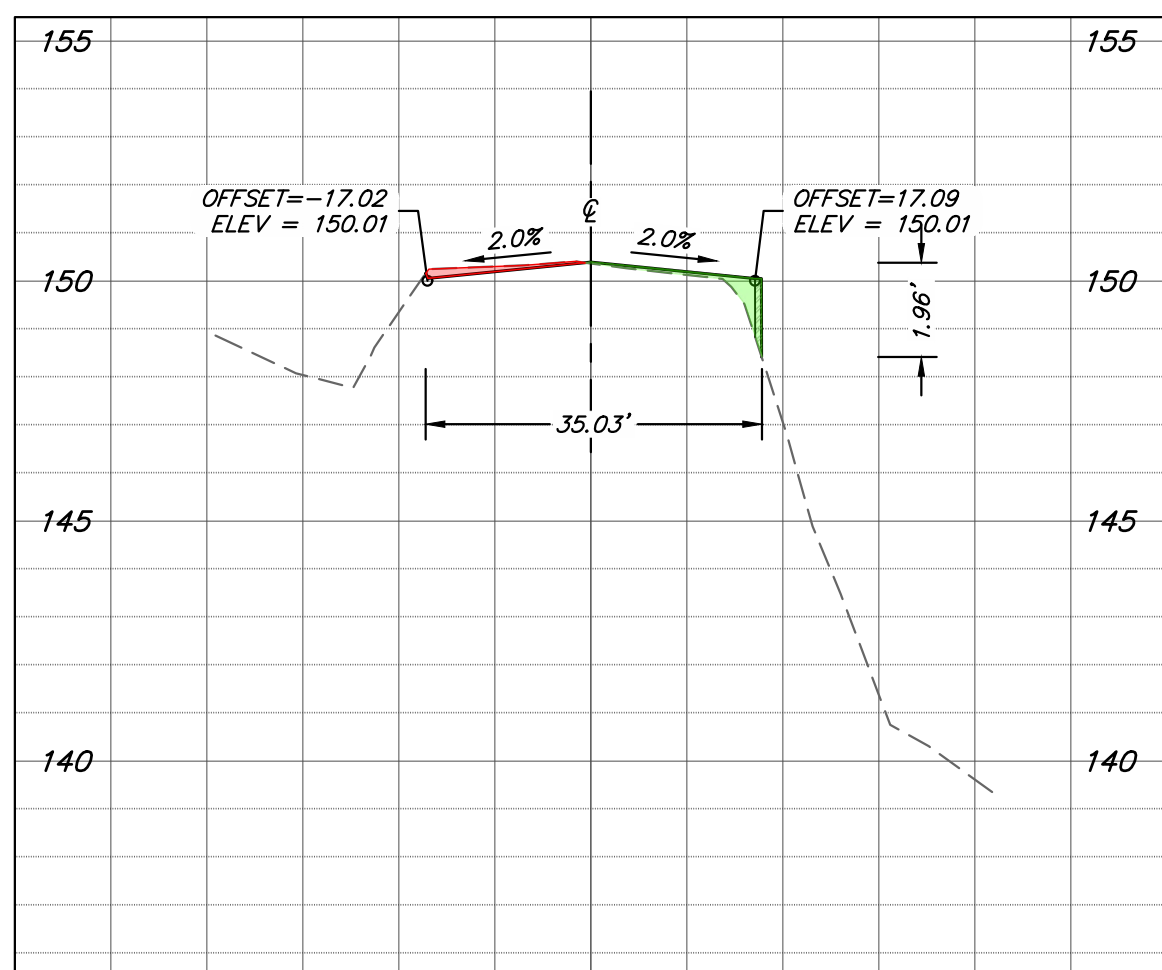
XS-43 AMERICAN CANYON ROAD
STA 11+75



XS-44 AMERICAN CANYON ROAD
STA 12+00



XS-45 AMERICAN CANYON ROAD
STA 12+25

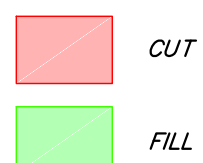


XS-46 AMERICAN CANYON ROAD
STA 12+50

ROADWAY SLOPE ANALYSIS

CROSS SECTION	RISE	RUN	% SLOPE
XS-37	4.19'	39.61'	10.58%
XS-38	4.06'	39.02'	10.40%
XS-39	3.82'	38.73'	9.86%
XS-40	3.60'	38.25'	9.41%
XS-41	3.39'	37.73'	8.98%
XS-42	3.05'	37.22'	8.19%
XS-43	2.76'	36.70'	7.52%
XS-44	2.64'	36.17'	7.30%
XS-45	2.58'	35.61'	7.25%
XS-46	1.96'	35.03'	5.60%
TOTAL	32.05'	374.07'	8.57%

LEGEND

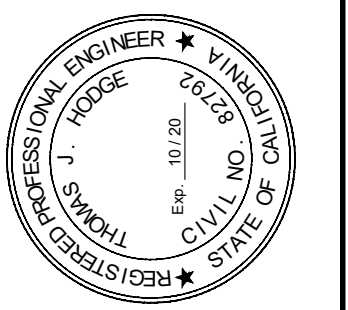


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ADVENTIST CHURCH
ROADWAY WIDENING PLANS
PREPARED FOR
1451 AMERICAN CANYON ROAD
AMERICAN CANYON, CA

CROSS SECTIONS

NEED PROJECT
1834.01
DATE
MAY 7, 2019
SCALE
AS SHOWN
DESIGNED BY
EWM
DRAWN BY
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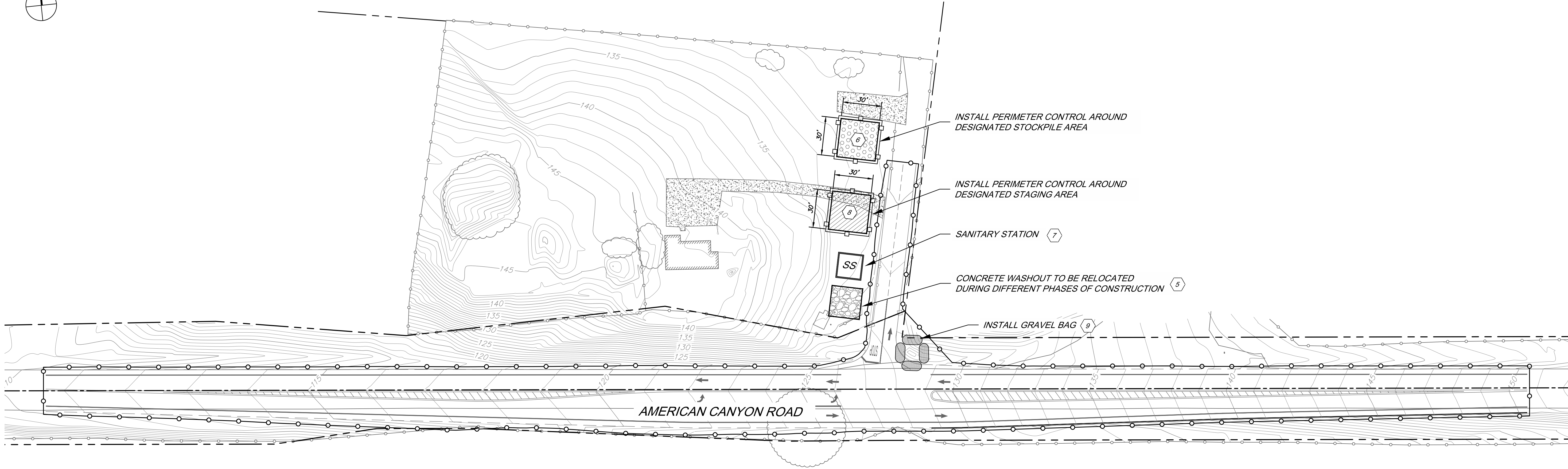
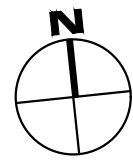
DATE

BY

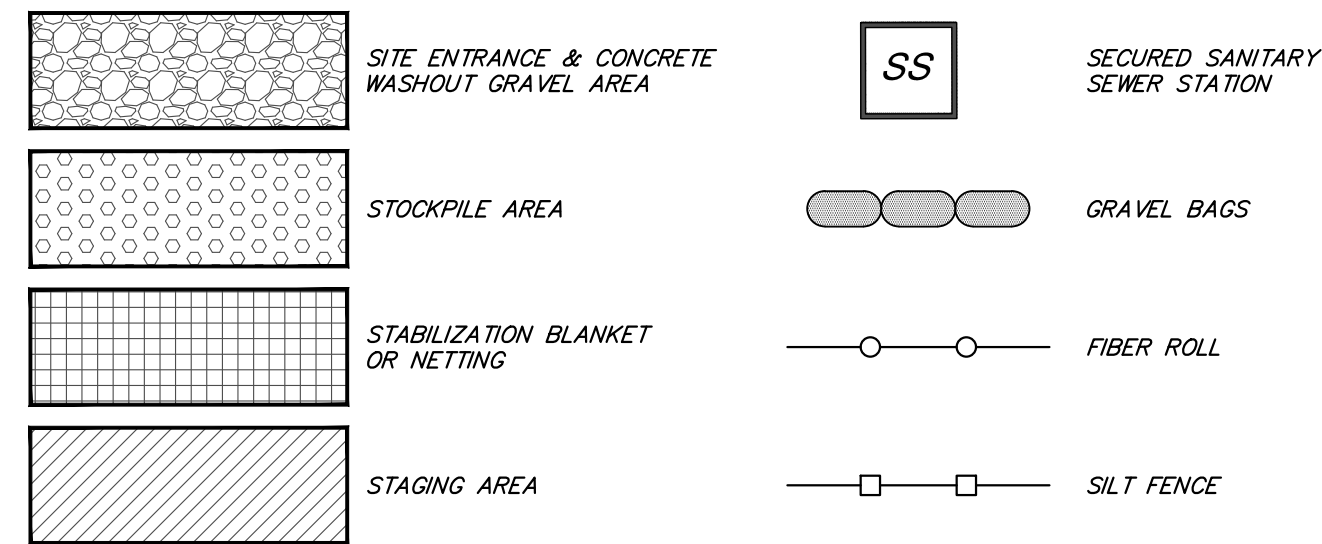
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EROSION & SEDIMENT CONTROL LEGEND



TOTAL DISTURBED AREA

TOTAL DISTURBED AREA = 52,840 SF (1.21 AC)

TOTAL PROJECT AREA

TOTAL PROJECT AREA = 53,084 SF (1.22 AC)

SWPPP NOTES

- 1) THE PROPOSED PROJECT IS COVERED UNDER THE STATE GENERAL CONSTRUCTION PERMIT. SEE SWPPP (SWPPP_W01D / SWPPP APP) DATED SWPPP DATE AND PREPARED BY ##### FOR ALL EROSION, SEDIMENT, AND STORM WATER DISCHARGE CONTROL MEASURES ASSOCIATED WITH THE LAND AND CONSTRUCTION DISTURBANCE ACTIVITIES FOR THE PROPOSED PROJECT.

EROSION & SEDIMENT CONTROL CONSTRUCTION NOTES

- 1 COVER DISTURBED SOIL WITH STRAW MULCH AND TACKIFIER (OR EQUIVALENT) UNLESS OTHERWISE NOTED. AREAS OF DISTURBED SOIL SHALL BE REVEGETATED. EXISTING VEGETATION SHALL BE PRESERVED AS MUCH AS PRACTICABLY POSSIBLE. SEE CASQA BMP FACT SHEETS EC-2 & EC-6.
- 2 INSTALL STABILIZED SITE ENTRANCE AND TEMPORARY DRIVEWAY. USE 1/2-INCH CRUSHED DRAIN ROCK FOR 50-FEET (MIN) OR AS FAR AS PRACTICALLY POSSIBLE TO PREVENT TRACKING SOIL OFFSITE.
- 3 INSTALL BIODEGRADABLE FIBER ROLLS ALONG CONTOURS WITH SLOPES OF 3:1 (MAX). KEY FIBER ROLLS 3-INCHES (MIN) INTO THE GROUND. SEE CASQA BMP FACT SHEET SE-5.
- 4 INSTALL SILT FENCE ALONG CONTOURS WITH SLOPES OF 3:1 (MAX). SEE CASQA BMP FACT SHEET SE-1.
- 5 INSTALL CONCRETE WASHOUT. CLEAN AS NEEDED AND REMOVE AT THE END OF CONSTRUCTION ACTIVITIES. SEE CASQA BMP FACT SHEET WM-8.
- 6 INSTALL STOCKPILE. COVER ALL STOCKPILES AND BERM PROPERLY WITH FIBER ROLLS OR SAND BAGS. STOCKPILES SHALL NOT BE LOCATED NEAR BODIES OF WATER. SEE CASQA BMP FACT SHEET WM-3.
- 7 INSTALL SECURED SANITARY SEWER STATION. SANITARY STATION NEAR STABILIZED SITE ENTRANCE, AND AWAY FROM GUTTERS, INLETS, AND WATER BODIES. SEE CASQA BMP FACT SHEET WM-9.
- 8 INSTALL STAGING AREA. HAZARDOUS MATERIALS AND REFUSE SHALL NOT BE PLACED DIRECTLY ON SOIL AND SHALL BE IN CLOSED CONTAINERS WHICH UTILIZE A SECONDARY CONTAINMENT SYSTEM. PREVENT EQUIPMENT FLUID LEAKS ONTO GROUND BY PLACING DRIP PANS OR PLASTIC TARPS UNDER EQUIPMENT. SEE CASQA BMP FACT SHEETS WM-6, NS-8, NS-9, AND NS-10.
- 9 INSTALL GRAVEL BAG (OR EQUIVALENT) DRAIN INLET PROTECTION AROUND ON-SITE DRAIN INLETS AND AROUND NEAREST DOWNSTREAM OFF-SITE INLETS. SEE CASQA BMP FACT SHEET SE-10.
- 10 INSTALL STABILIZATION BLANKETS/NETTING (OR EQUIVALENT) IN DISTURBED AREAS WITH SLOPES OF 3:1 OR STEEPER. KEY STABILIZATION BLANKETS/NETTING 3-INCHES (MIN) INTO THE GROUND. SEE CASQA BMP FACT SHEET EC-7.



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13 of 14	C8.0	NEW LIFE COMMUNITY ADVENTIST CHURCH ROADWAY WIDENING PLANS PREPARED FOR 1451 AMERICAN CANYON ROAD AMERICAN CANYON CA	EROSION & SEDIMENT CONTROL PLAN	PROJECT 1834.01	DATE	MAY 7, 2019	SCALE	AS SHOWN	DESIGNED BY	EWM	DRAWN BY	AKA	CHECKED BY	TJM	<div><div><div><div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div><div><div></div><div></div><div></div><div></div><div></div></div></div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>TOMAS L. MOORE</div><div>CIVIL NO. 10170</div><div>STATE OF CALIFORNIA</div><div>OR OF</div><div>★</div></div></div></div>
					DATE		SCALE		DESIGNED BY		DRAWN BY		CHECKED BY		
					DATE		SCALE		DESIGNED BY		DRAWN BY		CHECKED BY		
					DATE		SCALE		DESIGNED BY		DRAWN BY		CHECKED BY		
					DATE		SCALE		DESIGNED BY		DRAWN BY		CHECKED BY		
NORTH BAY CIVIL ENGINEERING & DESIGN 1963 IROQUOIS STREET NAPA, CA 94559 PHONE: (707) 501-8550 www.NorthBayCivilEngineering.com															
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