

RIVERSIDE COUNTY FIRE DEPARTMENT NOTES

1) AUTOMATIC FIRE SPRINKLER SYSTEM: 2016 CFC 903.2 AS AMENDED BY COUNTY ORDINANCE 787.8 & WILDOMAR MUNICIPAL CODE 8.28.020 REQUIRES "IN ALL NEW BUILDINGS AND STRUCTURES WHICH ARE 3,600 S.F. OR GREATER AN APPROVED AUTOMATIC SPRINKLER SYSTEM SHALL BE PROVIDED REGARDLESS OF OCCUPANCY CLASSIFICATION." AUTOMATIC SPRINKLER SYSTEMS SHALL BE INSTALLED PER THE CFC AND NFPA 13. SPRINKLER SYSTEM SUPERVISION WILL BE REQUIRED.

CIVIL NOTES:

- 1) OFFER OF DEDICATION TO RIVERSIDE COUNTY PER INST. NO. 468934 AND 468435.
- 2) CENTERLINE OF EASEMENT TO SO SIERRA'S POWER CO. BK 638, P 434 O.R.
- 3) 24' OFFER OF DEDICATION TO RIVERSIDE COUNTY INST. NO. 468934 AND 468935.
- 4) EASEMENT TO SO. CAL. EDISON CO. INST. NO. 176937.
- 5) EASEMENT TO SO. CAL EDISON PER INST. NO. 192175.
- 6) PROPOSED 12' TEMP. CONST. EASEMENT TO RCFC D RESERVED IN AGREEMENT INST. NO. 045506.
- 7) PROPOSED 14' EASEMENT TO RCFC D RESERVED IN AGREEMENT INST. NO. 045506.
- 8) CENTERLINE OF EASEMENT TO SO. SIERRA'S POWER CO. BK. 638 P. 434.
- 9) PROPOSED TEMP CONST. EASEMENT TO RCFC D RESERVED IN AGREEMENT INST. NO. 045506.
- 10) PROPOSED 20' FEE TITLE DEDICATION TO RCFC D RESERVED IN AGREEMENT INST. NO. 045506.
- 11) EXISTING POWER POLES.

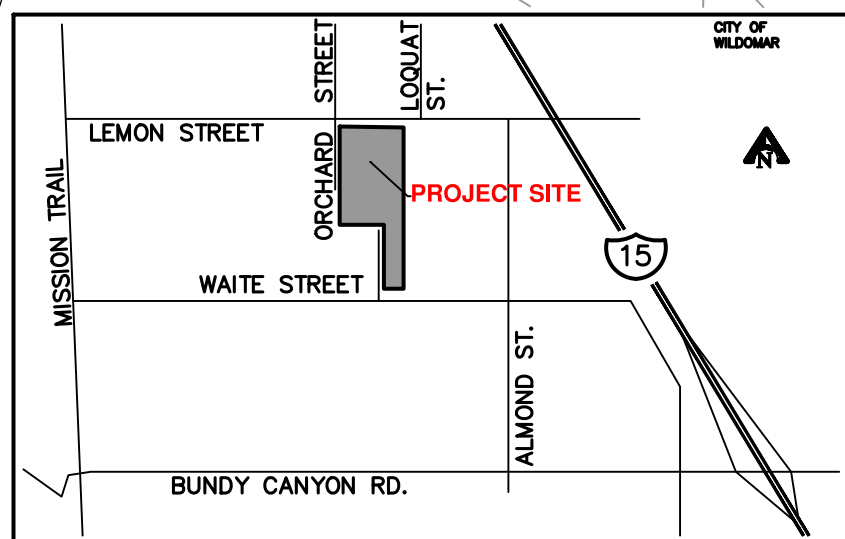
PAR 3
PM 19410
PMB 76/36
APN: 366-330-012
MDR LAND USE
R-R ZONING

PAR 2
PM 17,776
PMB 101/2,3
MDR LAND USE
R-R ZONING

PAR 1
PM 17,776
PMB 101/2,3
MDR LAND USE
R-R ZONING

PAR 4
PM 14410
PMB 76/96
APN: 366-330-013
MDR LAND USE
R-R ZONING

PAR 2
PM 14410
PMB 76/96



VICINITY MAP

APN: 366-170-035
MHDR LAND USE
R-R ZONING

APN: 366-170-036
MHDR LAND USE
R-R ZONING

APN: 366-170-037
MHDR LAND USE
R-R ZONING

APN: 366-170-038
MHDR LAND USE
R-R ZONING

APN: 366-170-023
MHDR LAND USE
R-R ZONING

APN: 366-170-024
MHDR LAND USE
R-R ZONING

APN: 366-170-024
MDR MIXED LAND USE
R-R ZONING

LAND OWNER
ROMAN CATHOLIC DIOCESE OF SAN BERNARDINO
ATTENTION: DAVID MEIER
1201 E. HIGHLAND AVENUE
SAN BERNARDINO, CA 92404
PHONE: (951) 825-3036

APPLICANT / CIVIL ENGINEER

McKEEVER ENGINEERING
ATTENTION: CHARLES BROWN ARCHITECT
909 E. WASHINGTON STREET, SUITE 208
COLTON, CA 92324
PHONE: (909) 825-8048
EMAIL: office@wmckeeverinc.com

ARCHITECT

CHARLES J. BROWN ARCHITECT
ATTENTION: CHARLES BROWN ARCHITECT
5140 VICTORIA AVENUE
RIVERSIDE, CA 92506
PHONE: (951) 683-6222
EMAIL: cbrown@cbarchitect.org

ASSESSOR'S PARCEL NO.

366-170-058 & 005, 366-330-011

SITE ADDRESS

21591 LEMON STREET, WILDOMAR, CA 92595

LEGAL DESCRIPTION

A PORTION OF LOT 78 OF SEDCO TRACT NO. 1 MB 10, PAGES 58-75 RECORDS OF RIVERSIDE COUNTY CA. AND PARCEL NO. 2 P.M. 14410 PMB 76 PAGE 96 RECORDS OF RIVERSIDE COUNTY CA

GENERAL INFORMATION

EXISTING & PROPOSED ZONE: R-R
EXISTING & PROPOSED LAND USE: MDR
SPECIFIC PLAN: NONE
CITY SPHERE: WILDOMAR
AGRICULTURAL PRESERVE: NONE
FEMA FLOOD PLAN: FLOOD ZONE X
COUNTY FAULT ZONE: GLEN IVY
SITE AREA: 457,503.33 S.F. (10.50 ACRES)

UTILITY PURVEYORS

SCHOOL DISTRICT: LAKE ELSINORE UNIFIED
WATER & SEWER: LAKE ELSINORE VALLEY MUNICIPAL WATER
TRASH & RECYCLING: WASTE MANAGEMENT
GAS: THE GAS COMPANY
ELECTRICITY: SOUTHERN CALIFORNIA EDISON
CABLE TELEVISION: SPECTRUM
TELEPHONE: VERIZON

PARKING

10,594 S.F. ASSEMBLY AREA/30 = 354 CARS
3,252 S.F. OFFICE/200 = 16.26 CARS
371 PARKING SPACES REQUIRED
178 EXISTING PARKING SPACES
234 NEW PARKING SPACES
412 TOTAL PROVIDED
9 ACCESSIBLE PARKING SPACES REQUIRED
19 ACCESSIBLE PARKING SPACES PROVIDED.
234*8% = 19 CLEAN AIR VEHICLE PARKING SPACES REQUIRED, 21 PROVIDED.
234*5% = 12 BICYCLE PARKING SPACES REQUIRED, 12 PROVIDED.

LOT COVERAGE

TOTAL SITE AREA: 457,503.33 S.F. (10.50 ACRES)
BUILDINGS: 40,825 S.F./457,503.33 S.F. = 8.9%
PAVING: 166,430 S.F./457,503.33 S.F. = 36.4%
HARDSCAPE: 40,563 S.F./457,503.33 S.F. = 8.9%
LANDSCAPE: 209,685.33 S.F./457,503.33 S.F. = 45.8%

BUILDING LEGEND

- A NEW 17,601 S.F. CHURCH - PHASE 1 42'-0" HIGH, ONE STORY TYPE V-B CONSTR. (A-3 OCCUPANCY) FIRE SPRINKLER SYSTEM
- B NEW 9,792 S.F. OFFICE & CLASSROOM ADDITION - PHASE 2, REMOVE EX. MODULARS 29'-0" HIGH, ONE STORY TYPE V-B CONSTR. (B OCCUPANCY) FIRE SPRINKLER SYSTEM
- C EXISTING 9,589 S.F. MULTIPURPOSE ROOM TO REMAIN, ONE STORY TYPE V-B CONSTR. (A-3 OCCUPANCY)
- D EXISTING 2,092 S.F. OFFICE TO BECOME RESIDENCE, ONE STORY, PHASE 1 TYPE V-B CONSTR. (B OCCUPANCY)
- E EXISTING 1,443 S.F. PRE-SCHOOL TO BECOME OFFICES, PHASE 1, ONE STORY TYPE V-B CONSTR. (B OCCUPANCY)
- F FOUR EXISTING MEETING RMS. TO REMAIN UNTIL BUILDING B IS CONSTRUCTED ONE STORY TYPE V-B CONSTRUCTION

ARCHITECTURAL NOTES

- A CLEAN AIR VEHICLE PARKING
- B REPLACE/RELOCATE EXISTING LIGHT FIXTURES
- C BICYCLE PARKING FOR 6 BICYCLES
- D REMOVE EXISTING CONCRETE SIDEWALK
- E NEW ACCESSIBLE RAMP, REFER TO CIVIL DRAWINGS
- F REMODEL EXISTING ACCESSIBLE PARKING SPACE TO MEET CURRENT CODE FOR VAN ACCESSIBLE PARKING. RESTRIPE ADJACENT PARKING SPACES IF NECESSARY.
- G REMODEL EXISTING TRASH ENCLOSURE TO MEET CURRENT CODE FOR ACCESSIBILITY. REFER TO DRAWING A-1.1
- H REWORK EXISTING SIDEWALK / CURB TO CREATE A NEW 18" RADIUS CURB TO ALLOW FOR FIRE DEPARTMENT APPARATUS ACCESS
- I REMOVE EXISTING METAL FENCE AND REPLACE WITH NEW WROUGHT IRON FENCE W/ 16"x16" PILASTERS. SEE DETAIL ON A-1.1
- J NEW WROUGHT IRON FENCE W/ 16"x16" PILASTERS. SEE DETAIL ON SHEET A-1.1

EXHIBIT REVISION BLOCK

DATE: 7/26/19 - CUP CORRECTIONS
DATE: 10/04/19 - CUP CORRECTIONS



SITE PLAN

SCALE: 1" = 40'-0"

CHARLES BROWN ARCHITECT
5140 VICTORIA AVENUE
RIVERSIDE, CA 92506
PHONE: (951) 683-6222 / cbrown@cbarchitect.org



ST. FRANCES OF ROME CATHOLIC CHURCH
CONDITIONAL USE PERMIT SUBMITTAL
21591 LEMON ST., WILDOMAR, CA 92595

JOB	DATE
10/04/19	

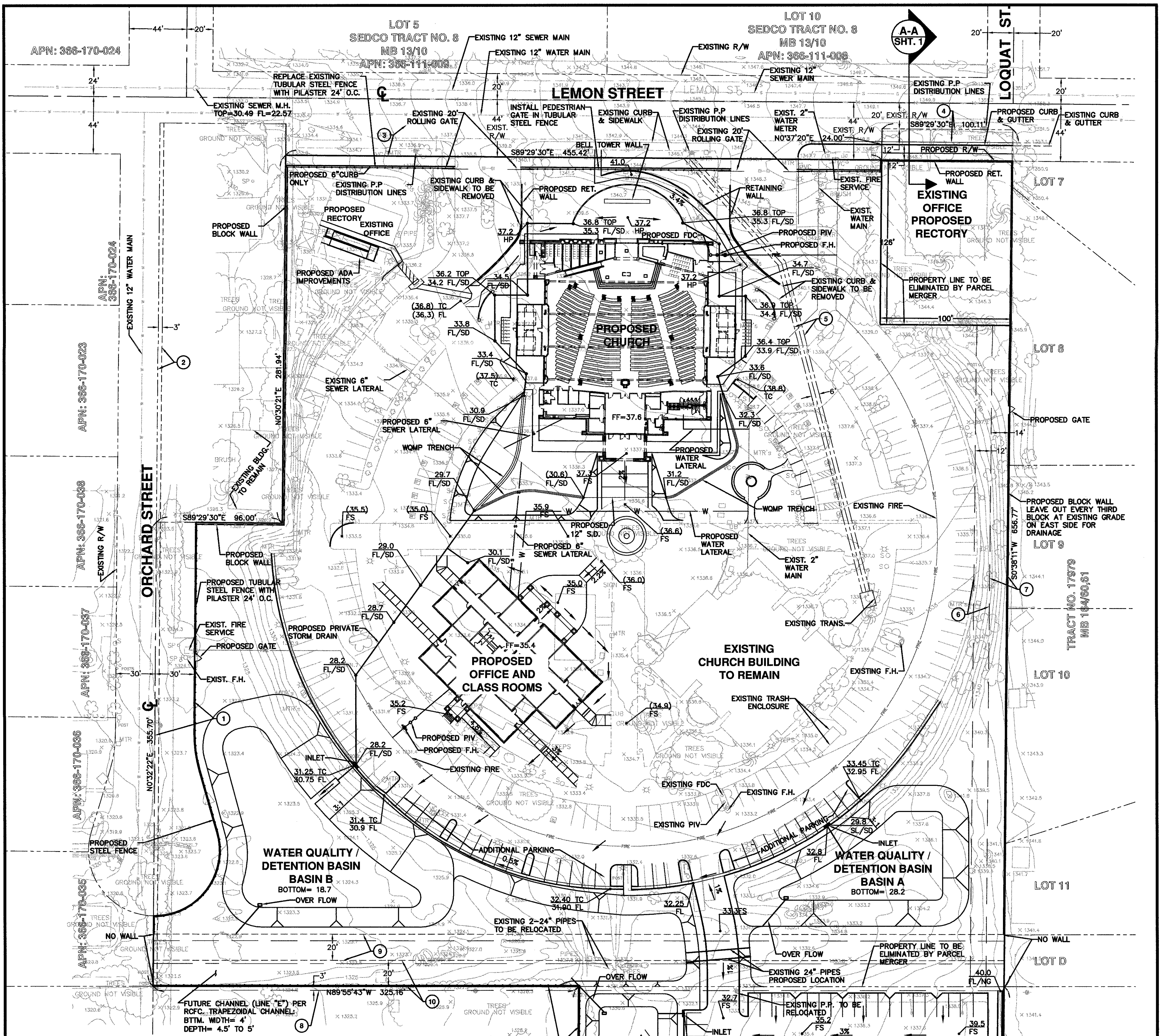
SCALE: 1"=40'-0"

PA# 19-0017

SITE PLAN

A-1

DRAWING	#
OF	#



ADD PARKING COUNT:

EXISTING: 174 SPACES
PROPOSED: 263 SPACES
TOTAL: 411 SPACES

BUILDING SQUARE FOOTAGE:

PROPOSED CHURCH: 16,896 SF
PROPOSED OFFICE AND CLASSROOMS: 9,700 SF

EASEMENTS:

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- CENTERLINE OF EASEMENT TO SO SIERRA'S POWER CO. BK 638, P 434 O.R.
- 24' OFFER OF DEDICATION TO RIVERSIDE COUNTY INST. NO. 468934 AND 468935.
- EASEMENT TO SO. CAL. EDISON CO. INST. NO. 176937. & EASEMENT TO GTE INST. NO. 281604
- EASEMENT TO SO. CAL EDISON PER INST. NO. 192175.
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- PROPOSED 20' FEE TITLE DEDICATION TO RCFC RESERVED IN AGREEMENT INST. NO. 045506.
- EASEMENT TO SOUTH ELSONORE MUTUAL WATER DISTRICT BK 489, P 165. LOCATION CANNOT BE DETERMINED.

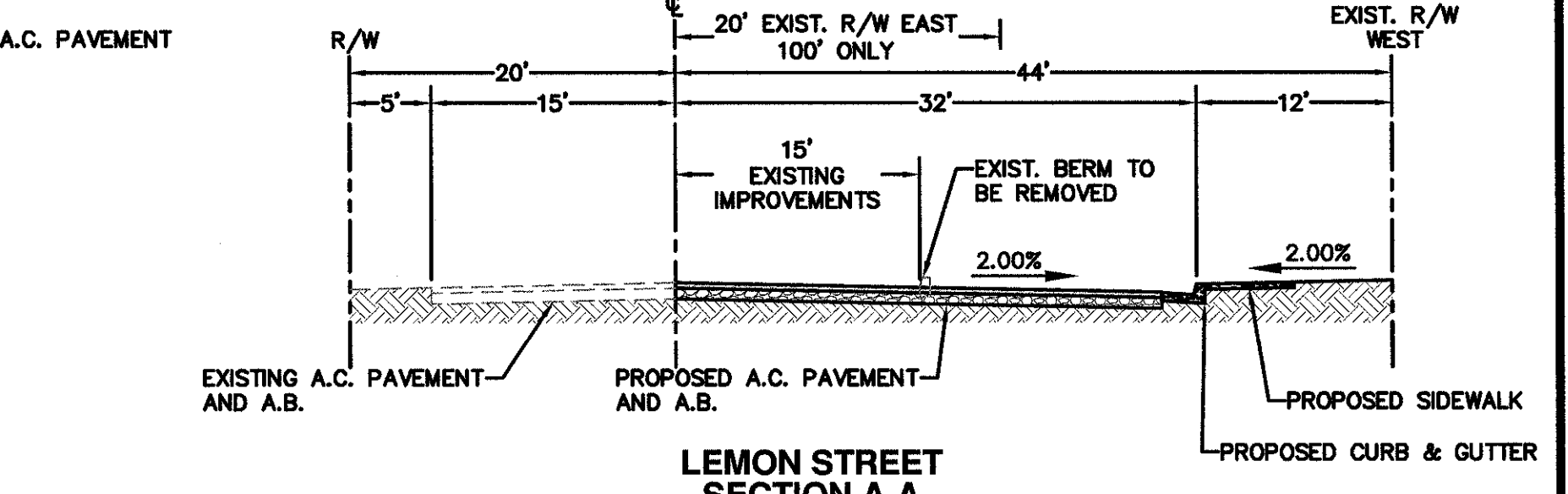
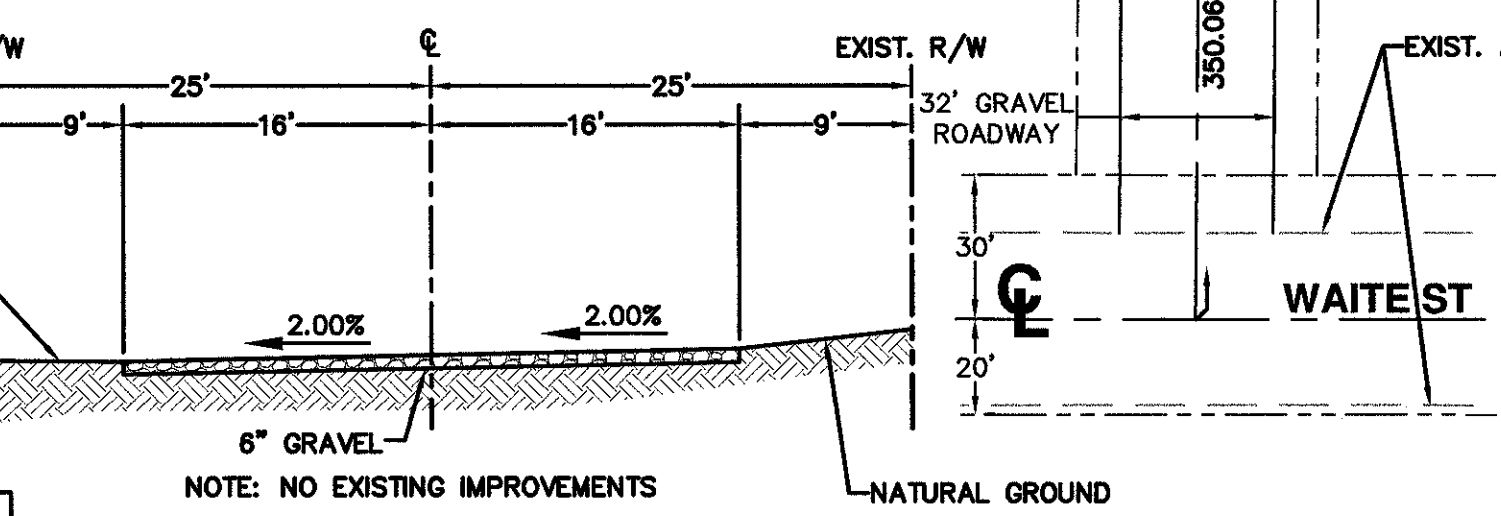
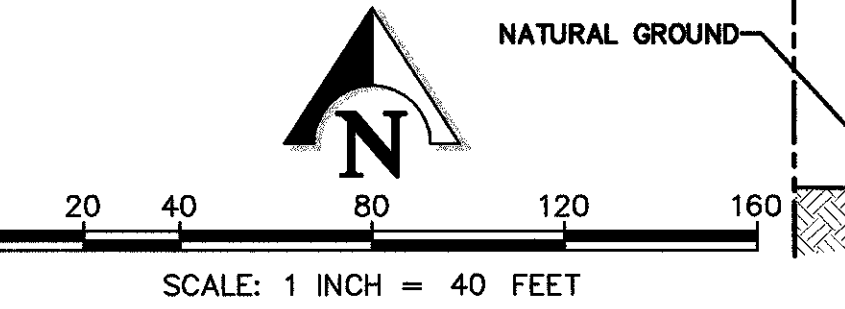
LEGAL DESCRIPTION:

A PORTION OF LOT 78 OF SEDCO TRACT NO. 1 MB 10 PAGES 58-75 RECORDS OF RIVERSIDE COUNTY CA. AND PARCEL NO 2 P.M. 14410 P.MB 76 PAGE 96 RECORDS OF RIVERSIDE COUNTY CA

APN: 366-170-058 AND 005
366-330-011

NOTE:

- ONSITE DRAINAGE, SEWER, AND WATER FACILITIES TO BE PRIVATELY OWNED AND MAINTAINED.



W.J. MCKEEVER, INC.
CIVIL ENGINEERING
900 E. WASHINGTON STREET, SUITE 208 COLTON, CA 92324
PH: (909) 825-8048 FAX: (909) 825-8639
EMAIL: OFFICE@WJMCKEEVERINC.COM

PREPARED BY: *William J. McKeever*
WILLIAM J. MCKEEVER

R.C.E. NO. 22502
DATE: 12/24/19

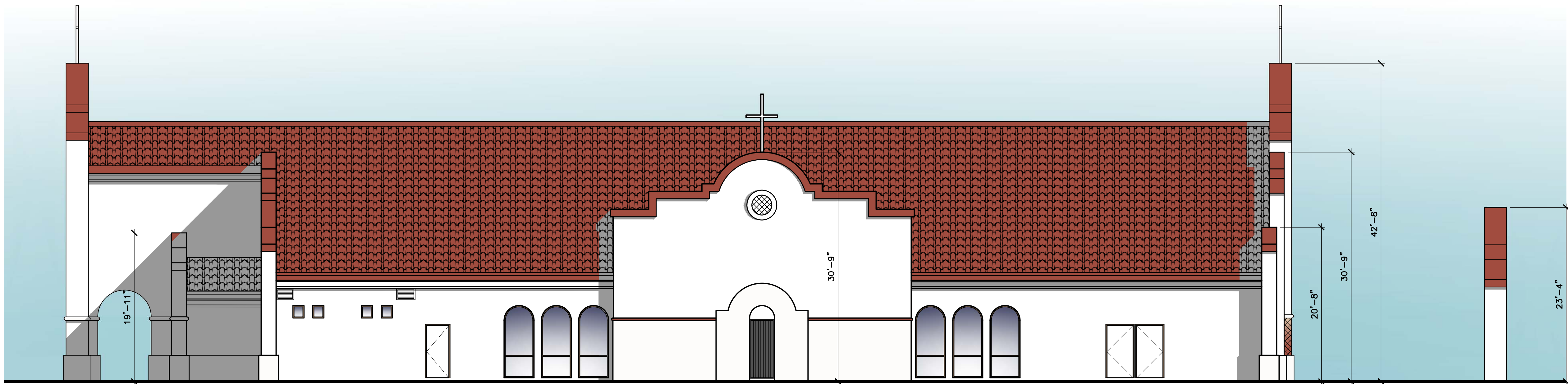
PRELIMINARY GRADING PLAN
ST. FRANCES OF ROME
CATHOLIC CHURCH

21591 LEMON ST.
WILDOMAR, CA 92595

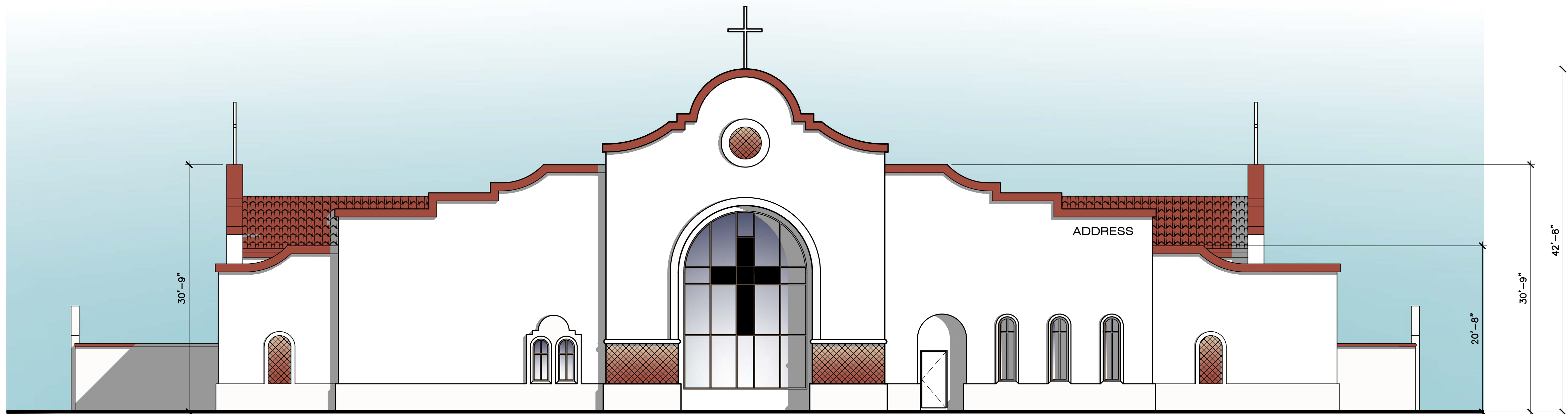
SHEET NO.
1

OF 1 SHEETS

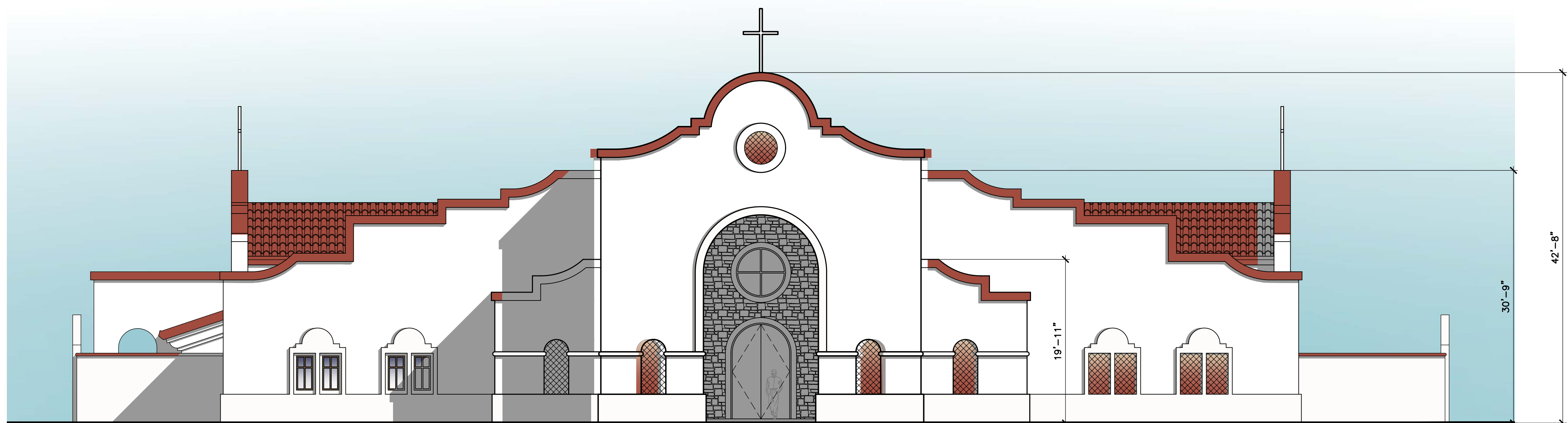
PLOT DATE: 10/24/19



EAST / WEST ELEVATION

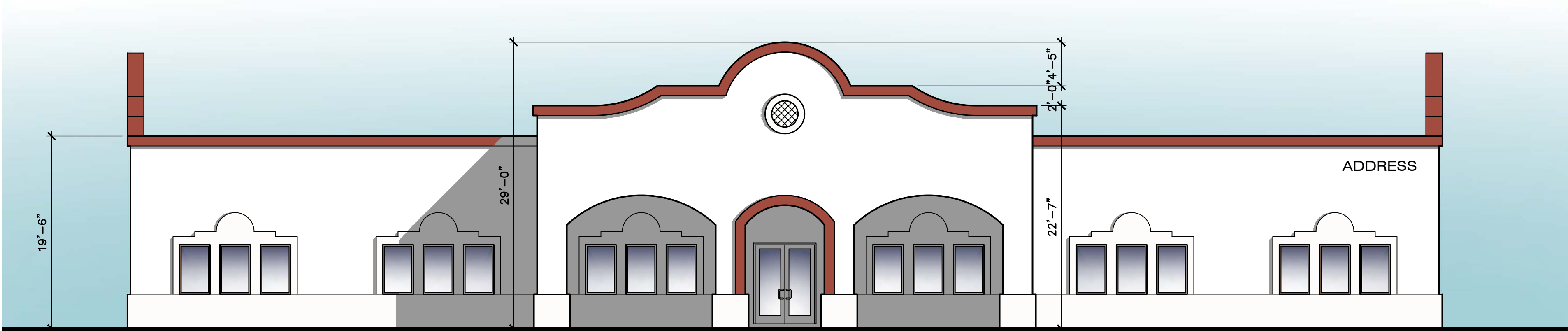


NORTH (STREET) ELEVATION

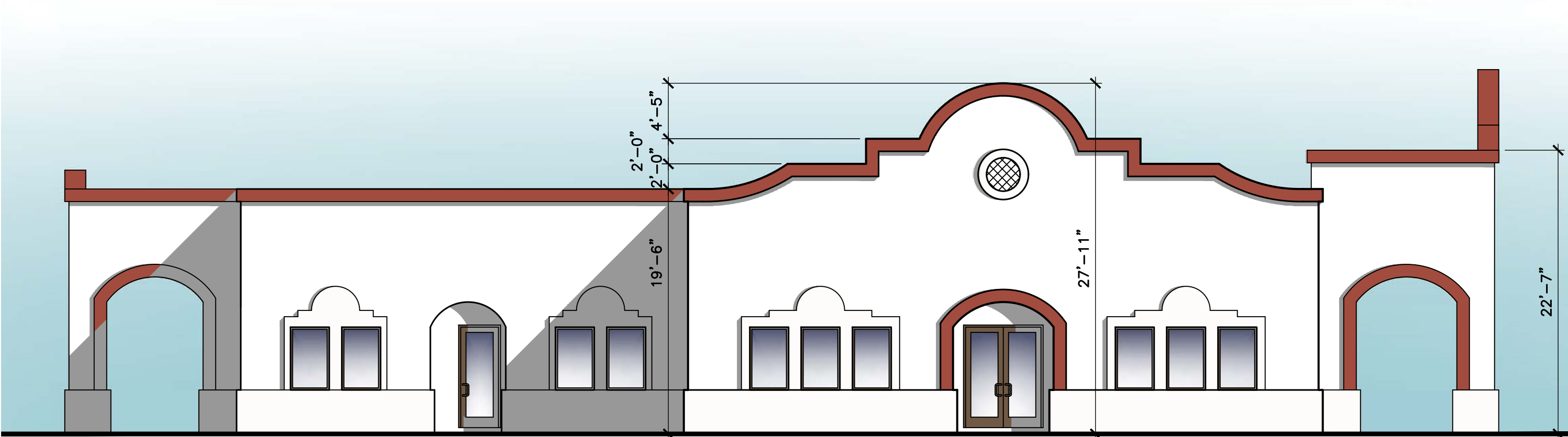


SOUTH ELEVATION

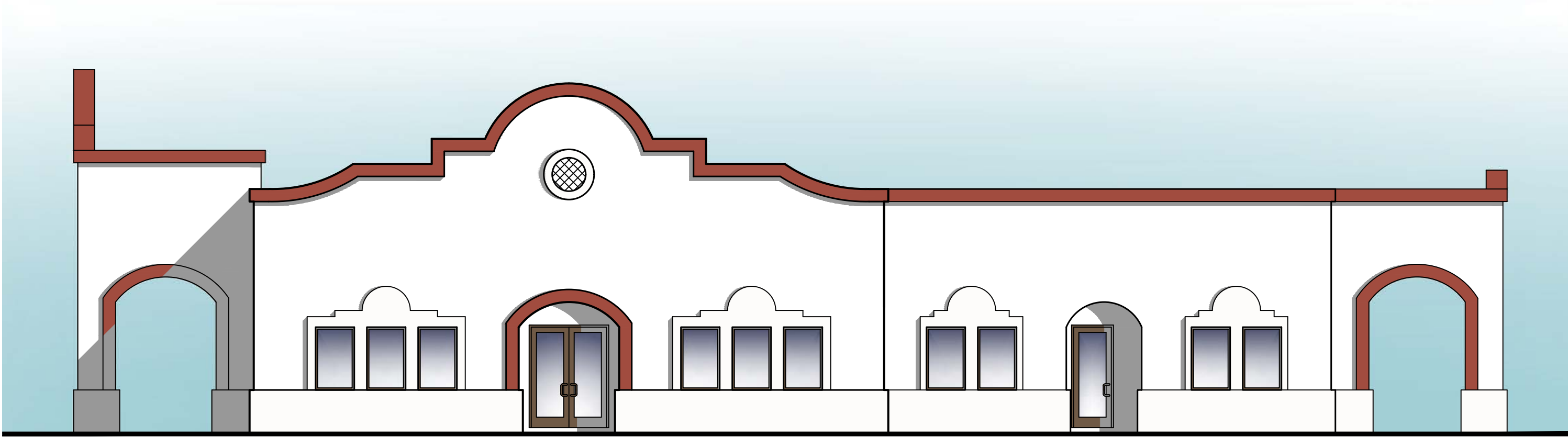
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DATE: 7/26/19	DATE: 10/04/19	DATE: 10/04/19		
DATE: 7/26/19	DATE: 10/04/19	DATE: 10/04/19	OF	#



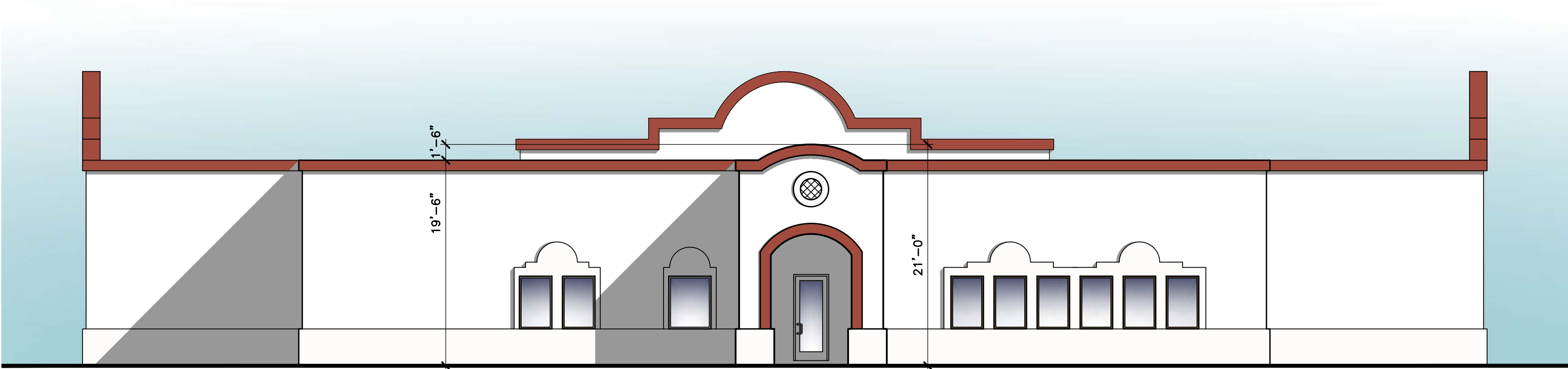
NORTHEAST ELEVATION



SOUTHEAST ELEVATION



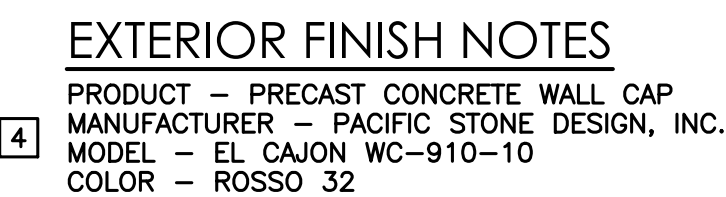
NORTHWEST ELEVATION



SOUTHWEST ELEVATION

EXHIBIT REVISION BLOCK			A-6c
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	DATE: 10/04/19	- CUP CORRECTIONS	
			DRAWING #
			OF #

1	MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL COLOR - 432 MILKY QUARTZ PRODUCT - SMOOTH COAT TEXTURE - STEEL TROWEL PRIMARY STUCCO AND FOAM EAVE TRIM STUCCO COLOR
2	MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL COLOR - 12 CHENILLE PRODUCT - SMOOTH COAT TEXTURE - STEEL TROWEL WAINSCOT AND FOAM TRIM ACCENT STUCCO COLOR
3	MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL COLOR - PAINTED TO MATCH ROOF TILE PRODUCT - SMOOTH COAT TEXTURE - STEEL TROWEL FOAM TRIM ACCENT STUCCO COLOR • PARAPET WALLS

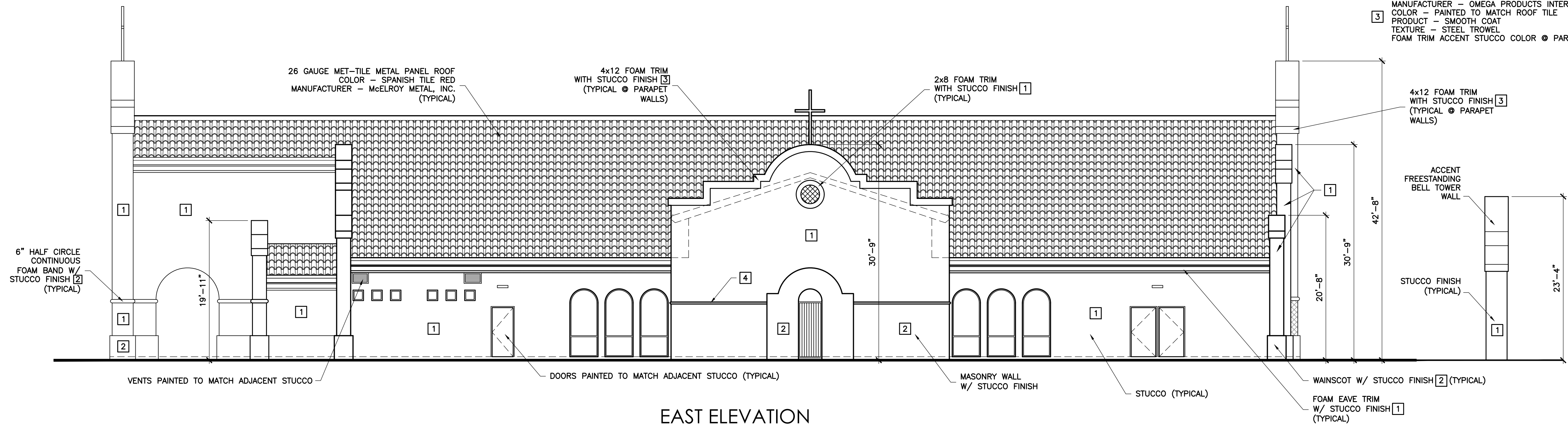


JOB
DATE 10/04/19
SCALE: 1/8"=1'-0"

CHURCH ELEVATIONS

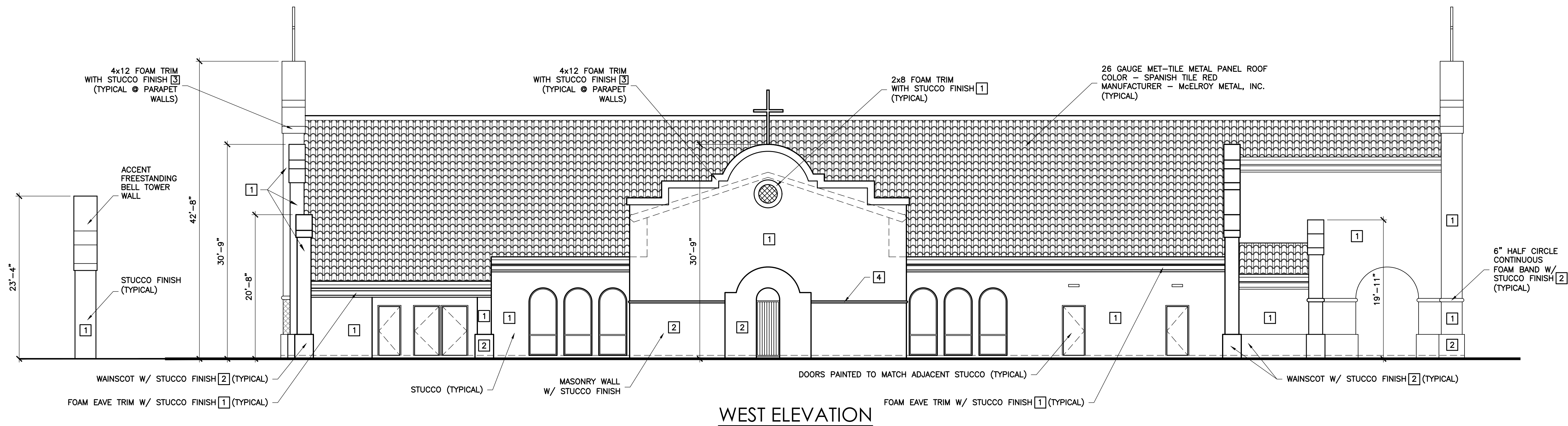
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	DATE: 7/26/19 — CUP CORRECTIONS	
	DATE: 10/04/19 — CUP CORRECTIONS	

DRAWING #
 OF #



- STUCCO NOTES**
- 1 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - 432 MILKY QUARTZ
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
PRIMARY STUCCO AND FOAM EAVE TRIM STUCCO COLOR
- 2 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - 12 CHENILLE
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
WAINSCOT AND FOAM TRIM ACCENT STUCCO COLOR
- 3 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - PAINTED TO MATCH ROOF TILE
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
FOAM TRIM ACCENT STUCCO COLOR & PARAPET WALLS

- EXTERIOR FINISH NOTES**
- 4 PRODUCT - PRECAST CONCRETE WALL CAP
MANUFACTURER - PACIFIC STONE DESIGN, INC.
MODEL - EL CAJON WC-910-10
COLOR - ROSSO 32

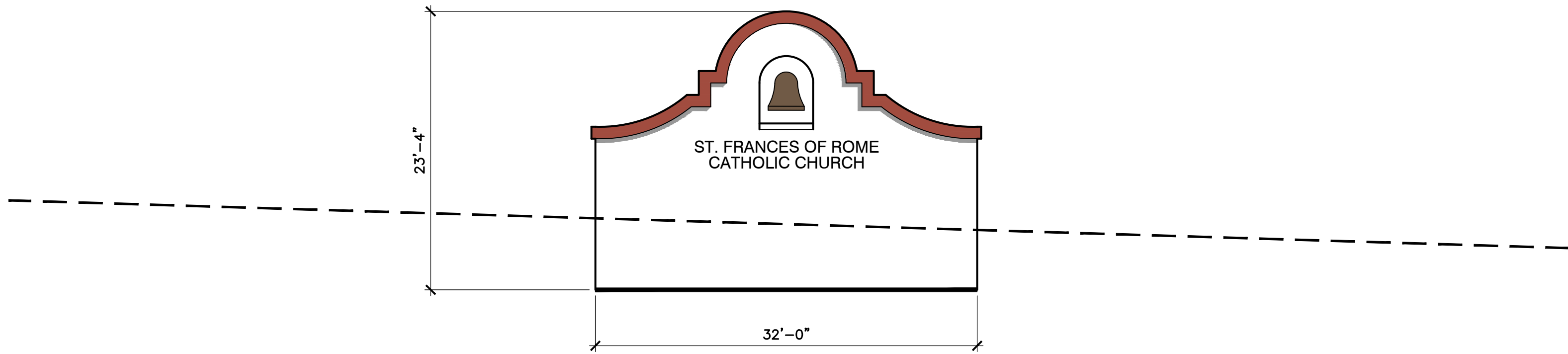


EAST ELEVATION

WEST ELEVATION

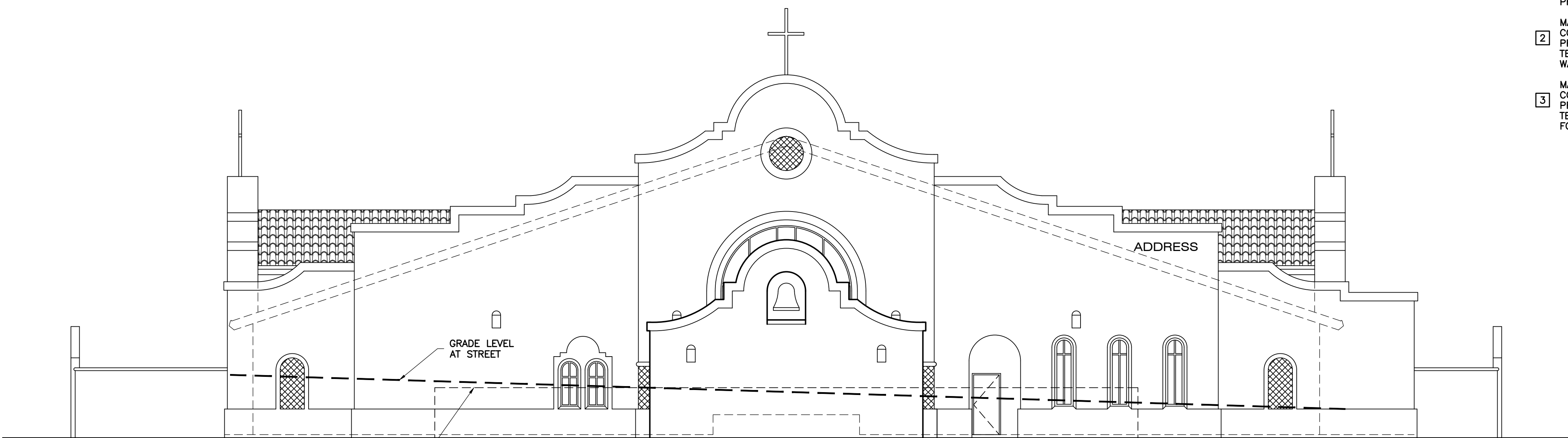


NORTH (STREET) ELEVATION

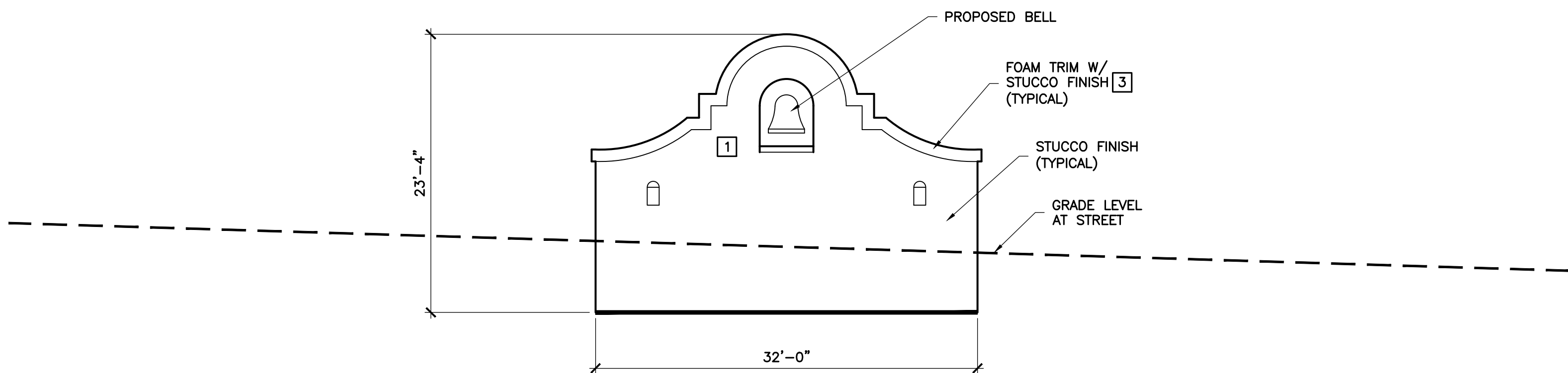


BELL WALL

EXHIBIT REVISION BLOCK		A-4c
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DATE: 10/04/19	– CUP CORRECTIONS	
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OF	#	



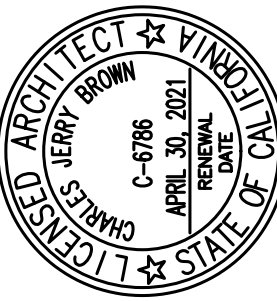
NORTH (STREET) ELEVATION



BELL WALL

STUCCO NOTES

- 1 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - 432 MILKY QUARTZ
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
PRIMARY STUCCO AND FOAM EAVE TRIM STUCCO COLOR
- 2 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - 12 CHENILLE
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
WAINSCOT AND FOAM TRIM ACCENT STUCCO COLOR
- 3 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - PAINTED TO MATCH ROOF TILE
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
FOAM TRIM ACCENT STUCCO COLOR © PARAPET WALLS



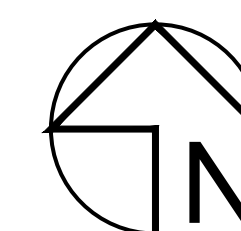
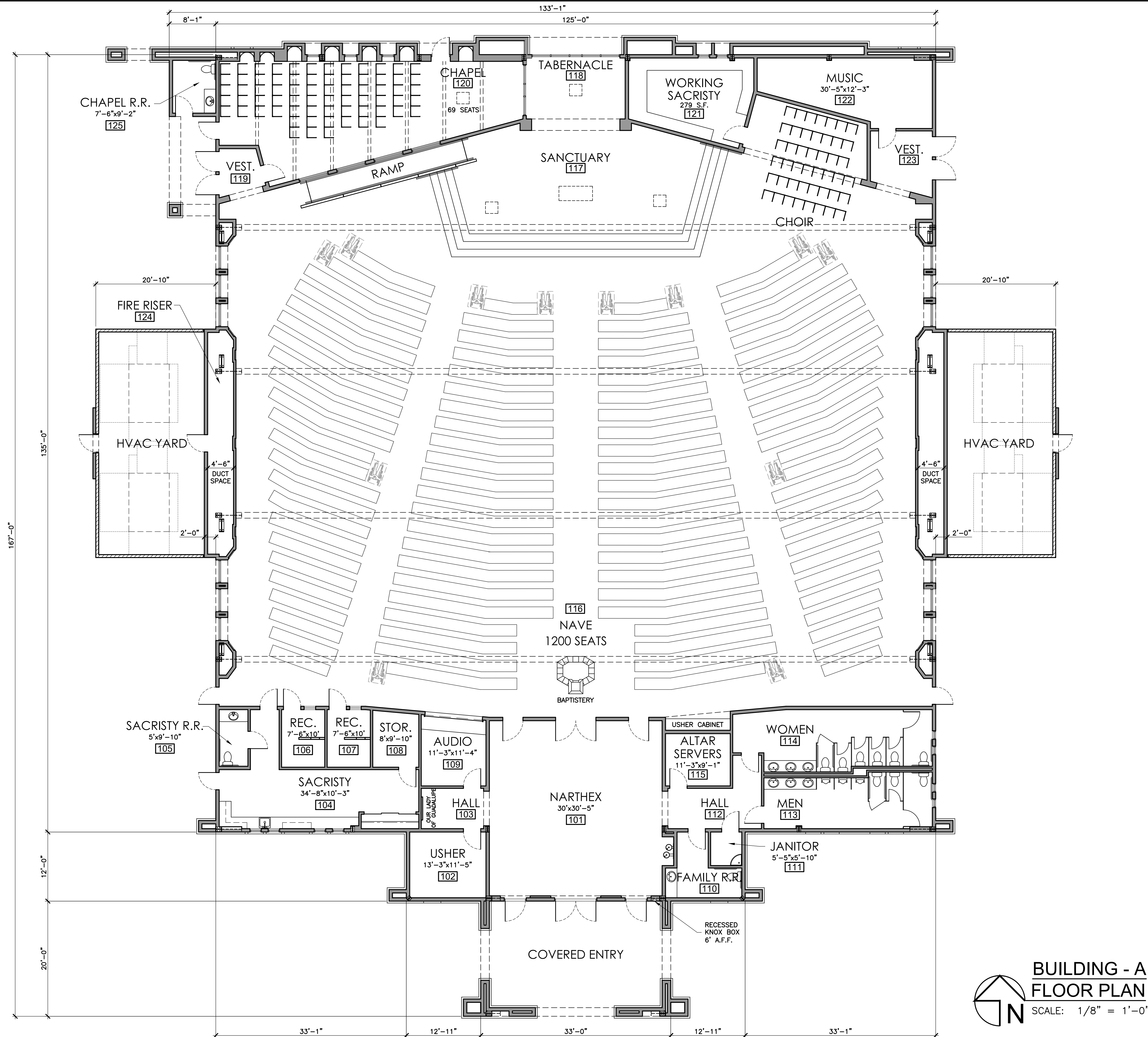
ST. FRANCES OF ROME CATHOLIC CHURCH
CONDITIONAL USE PERMIT SUBMITTAL
21591 LEMON ST., WILDOMAR, CA 92595

JOB
DATE 10/04/19
SCALE: 1/8"=1'-0"

PA# 19-0017

BELL WALL

EXHIBIT REVISION BLOCK			A-3.2
DATE: 7/26/19 - CUP CORRECTIONS			
DATE: 10/04/19 - CUP CORRECTIONS			
DRAWING	#		
OF	#		



**BUILDING - A
FLOOR PLAN**

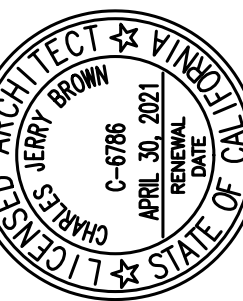
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EXHIBIT REVISION BLOCK

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DATE: 10/04/19	- CUP CORRECTIONS

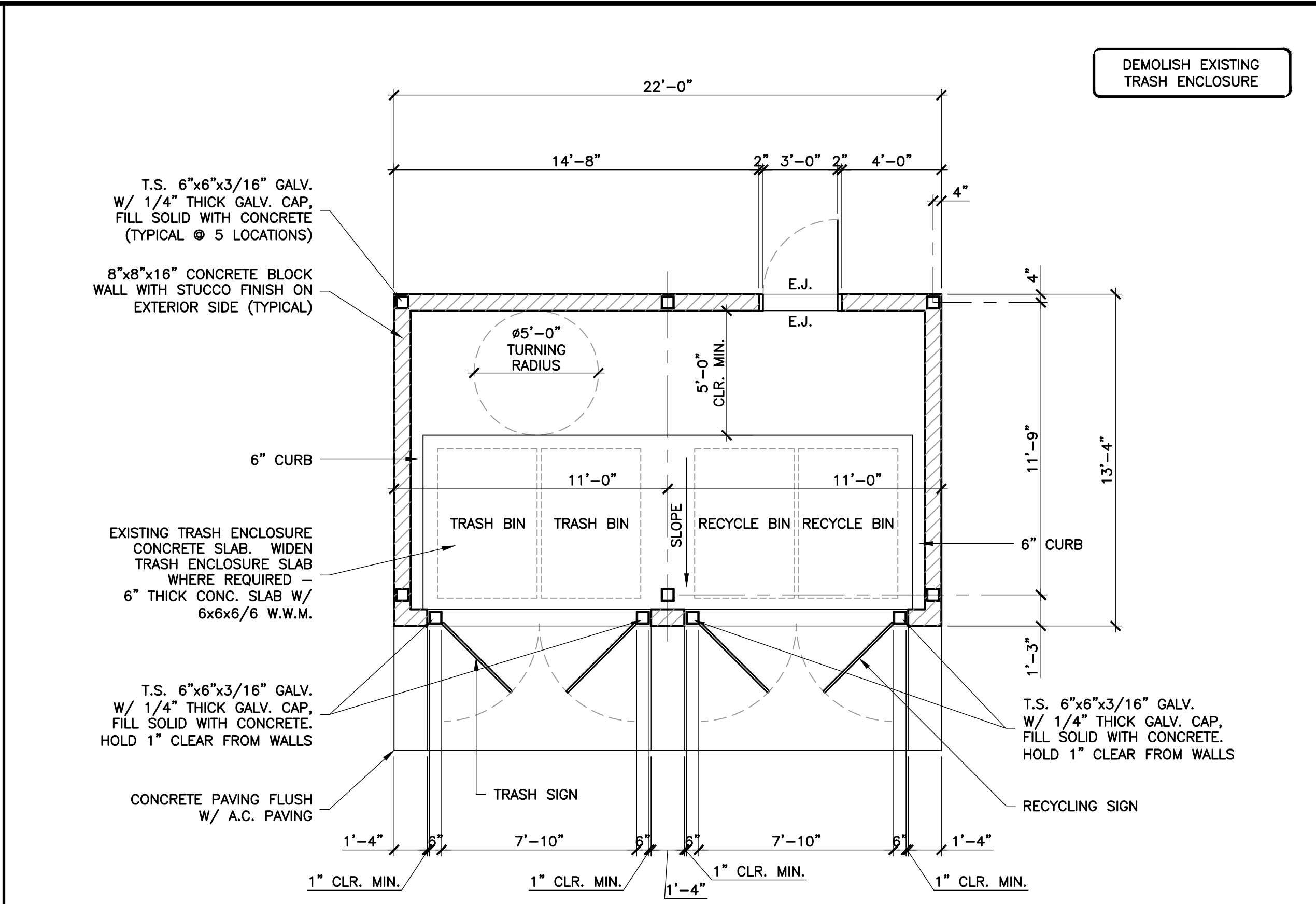
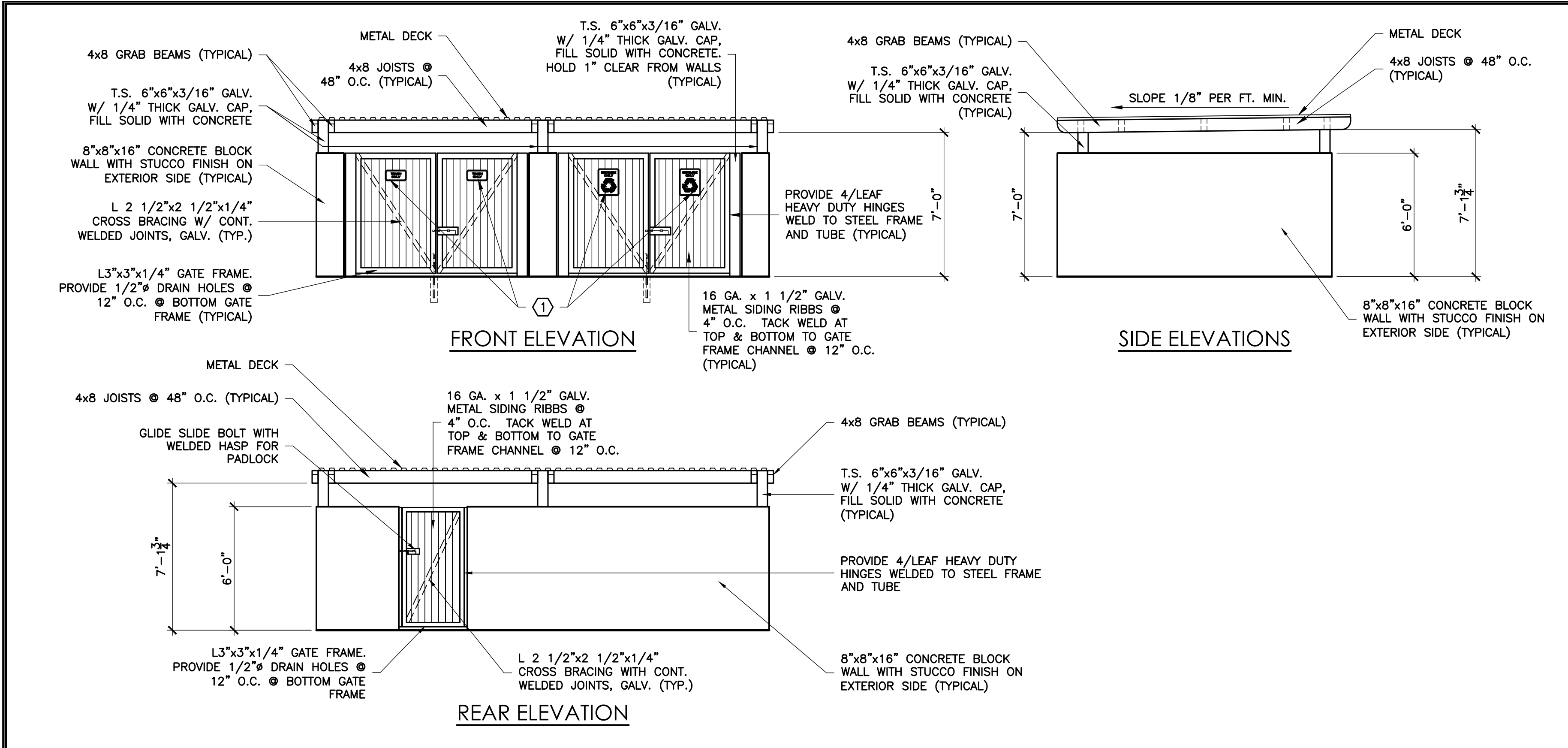
PA# 19-0017

FLOOR PLAN



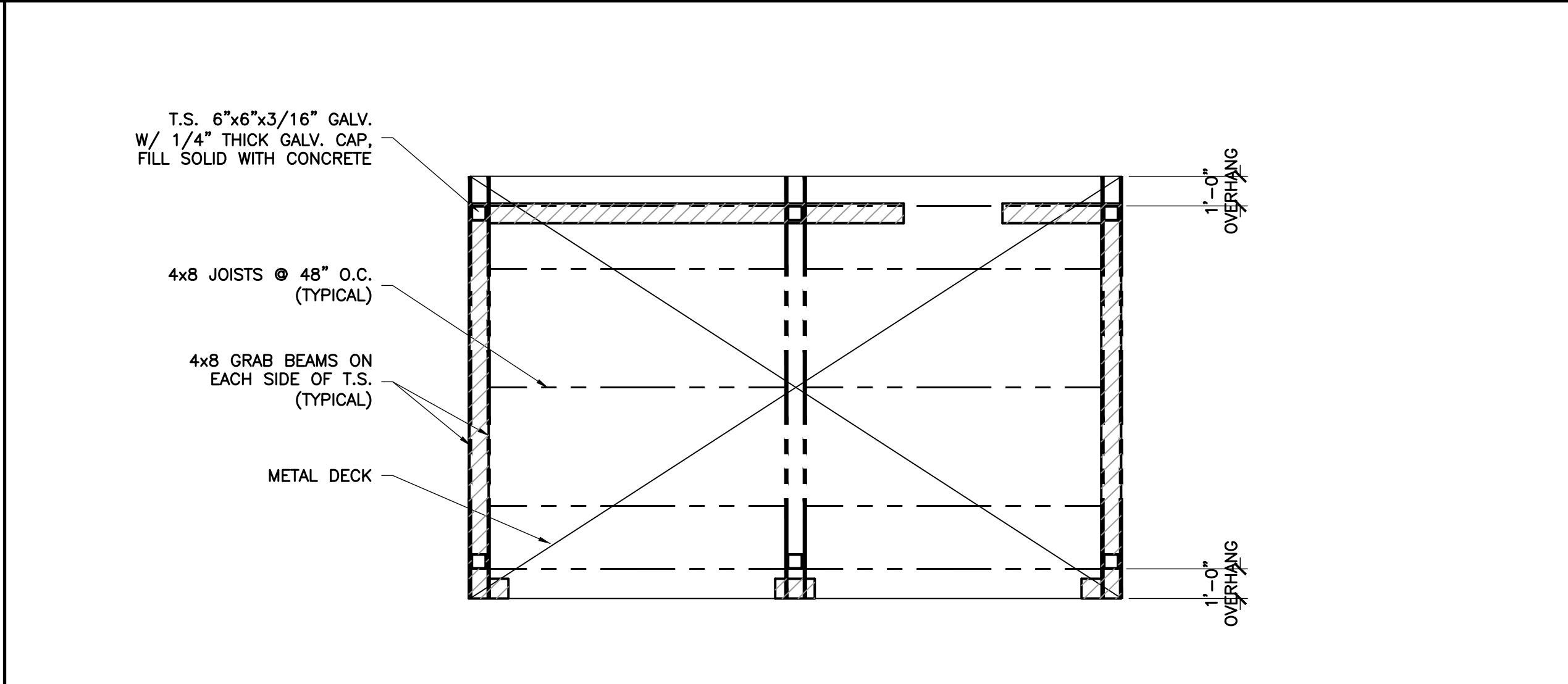
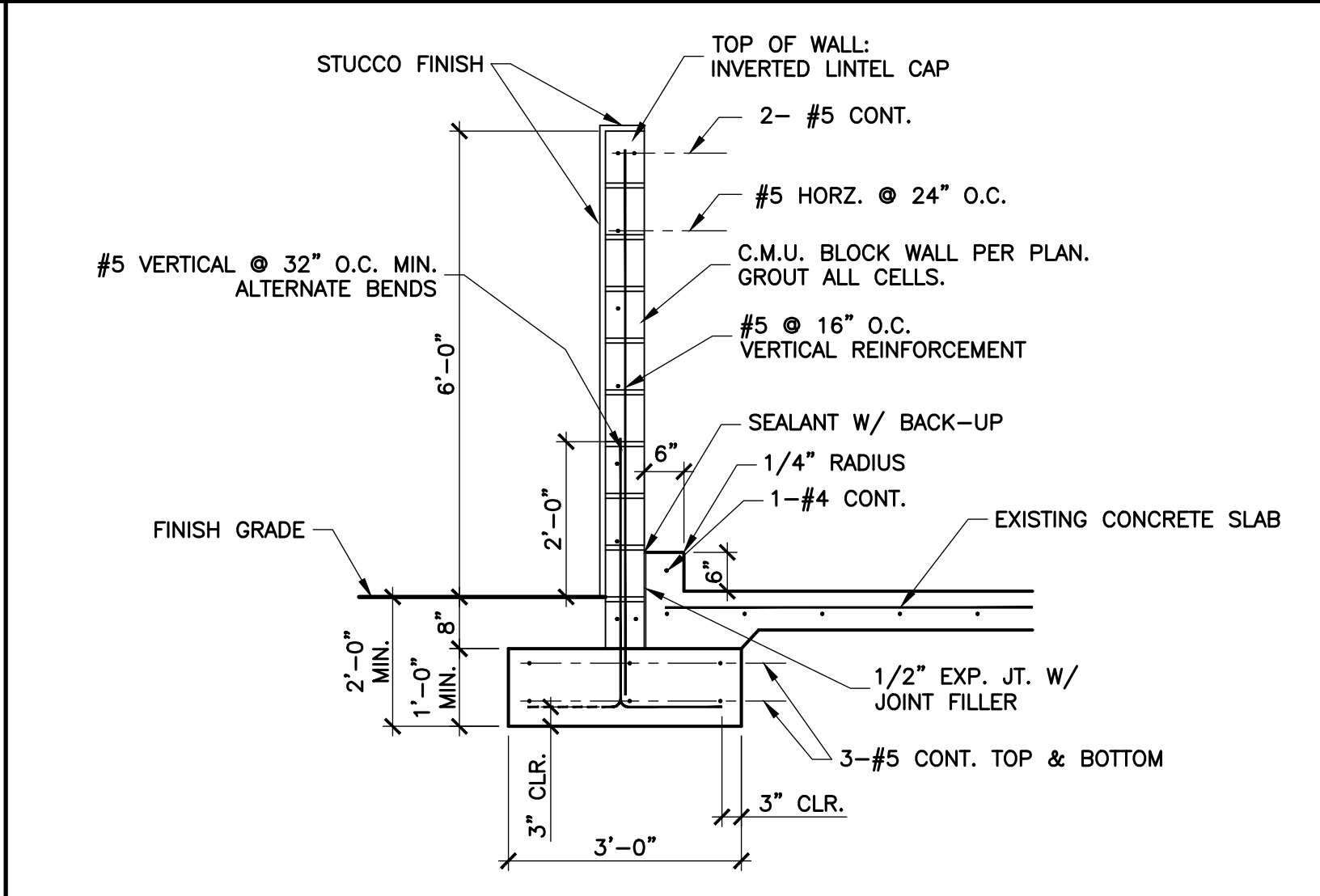
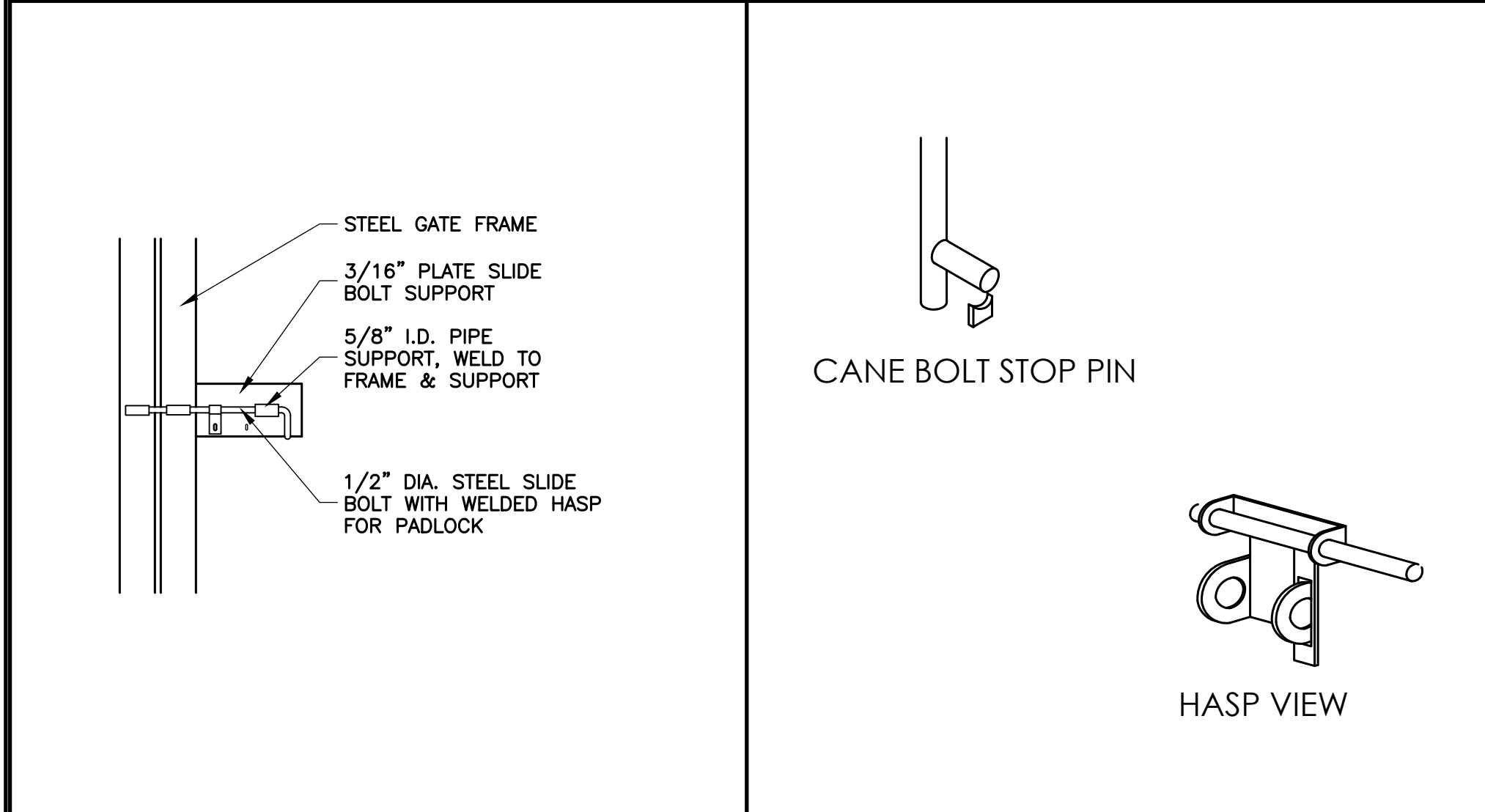
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SCALE:	1/8"=1'-0"

DRAWING	#
OF	#



TRASH ENCLOSURE EXTERIOR ELEVATIONS

TRASH ENCLOSURE FLOOR PLAN

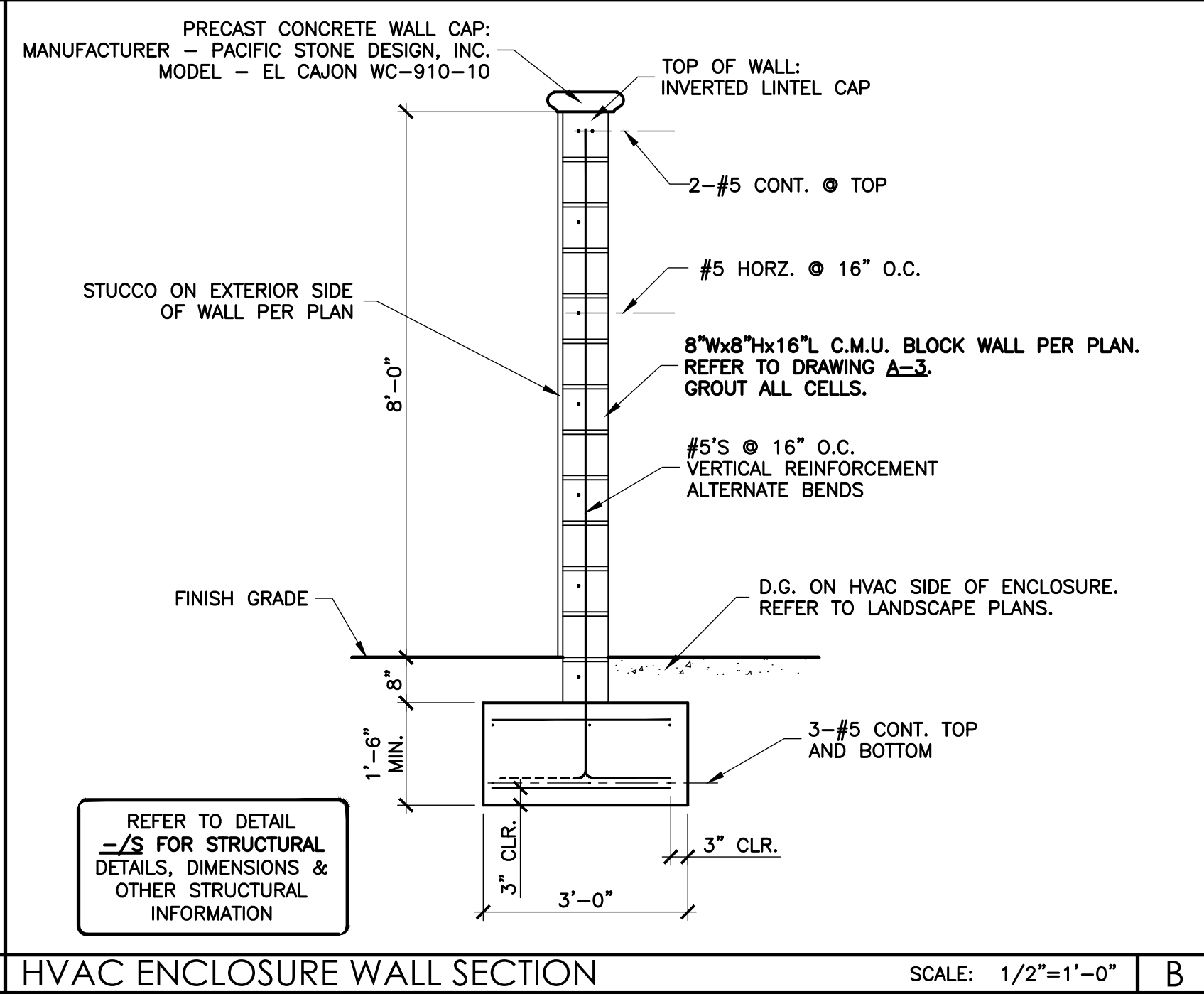
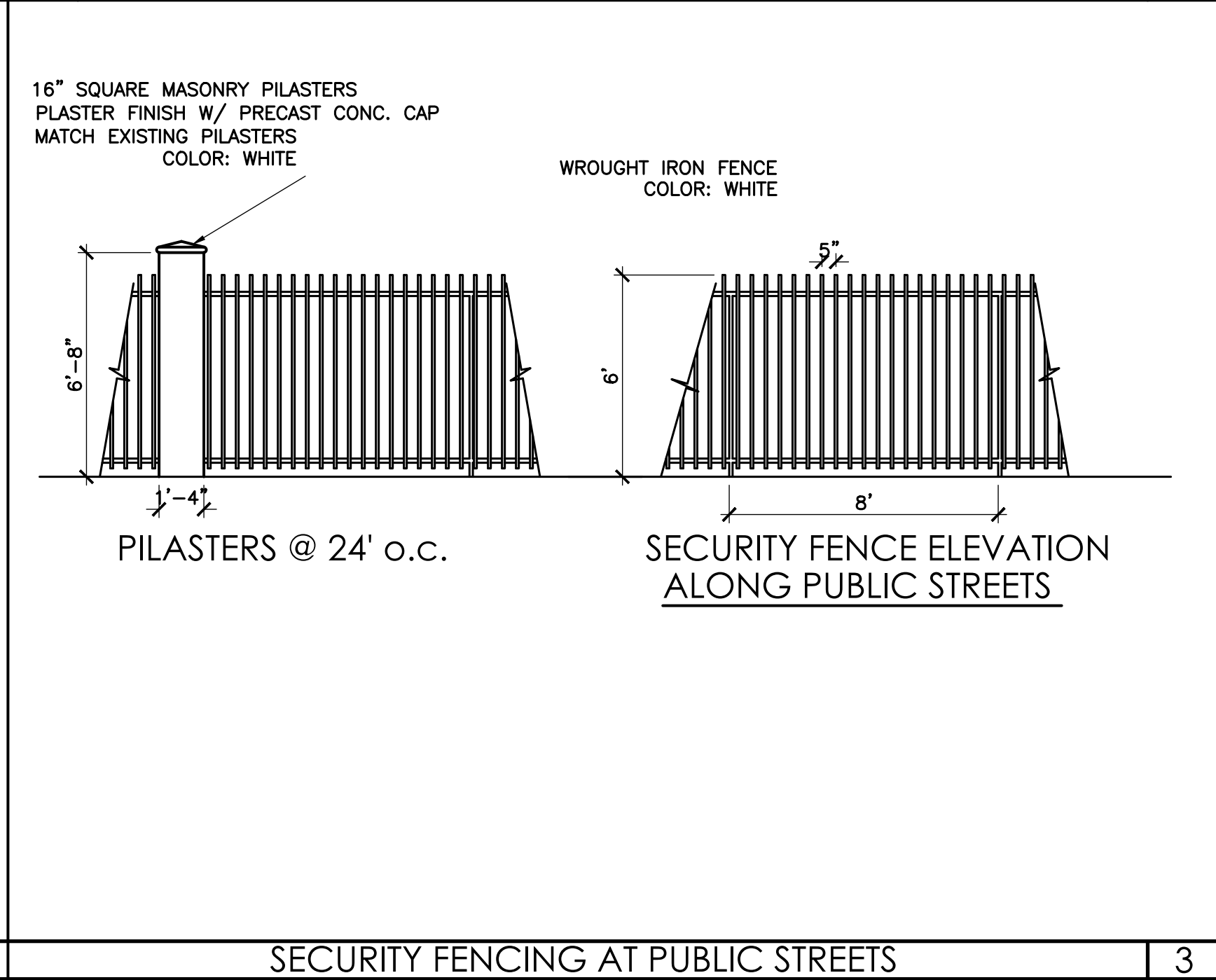
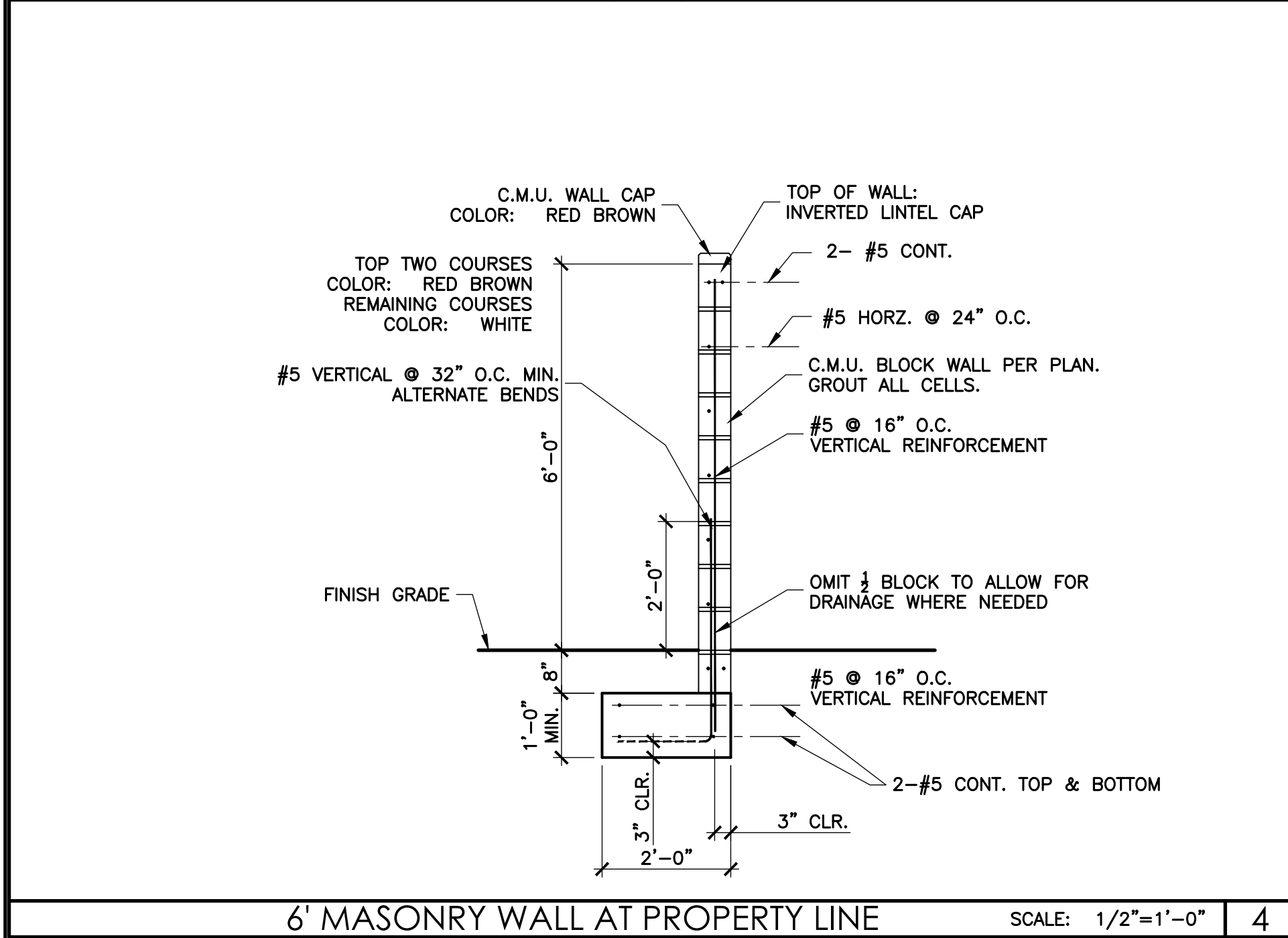


GATE SLIDE BOLT

HARDWARE

TRASH ENCLOSURE WALL SECTION

TRASH ENCLOSURE ROOF PLAN



NOTES:

① REFLECTORIZED PORCELAIN ENAMELED STEEL SIGNS WITH 1" HIGH BLACK LETTERS OVER A WHITE BACKGROUND, (TYPICAL). GATE SIGNS TO READ "TRASH ONLY" AND "RECYCLABLE ONLY" WITH GREEN RECYCLABLE SYMBOL ON THE GATE. TRASH ONLY SIGN: 12"x6" RECYCLABLE ONLY SIGN: 12"x16" PROVIDE ALSO THE FOLLOWING: A PERMANENT SIGN STATING THUS: "NO HAZARDOUS MATERIALS SHALL BE STORED ON THE SITE."

ALL STEEL, SIDING, HARDWARE SHALL BE GALVANIZED.

REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL DETAILS, DIMENSIONS AND OTHER STRUCTURAL INFORMATION.

SYMBOLS / NOTES

EXHIBIT REVISION BLOCK

Δ	DATE: 7/26/19 - CUP CORRECTIONS
Δ	DATE: 10/04/19 - CUP CORRECTIONS

CHARLES BROWN ARCHITECT

5140 VICTORIA AVENUE, RIVERSIDE, CA 92506

951-683-6222 / cbrown@cbarchitect.org

ST. FRANCES OF ROME CATHOLIC CHURCH

CONDITIONAL USE PERMIT SUBMITTAL

21591 LEMON ST., WILDOMAR, CA 92595

PA# 19-0017

TRASH ENCLOSURE & HVAC ENCLOSURE

A-1.1

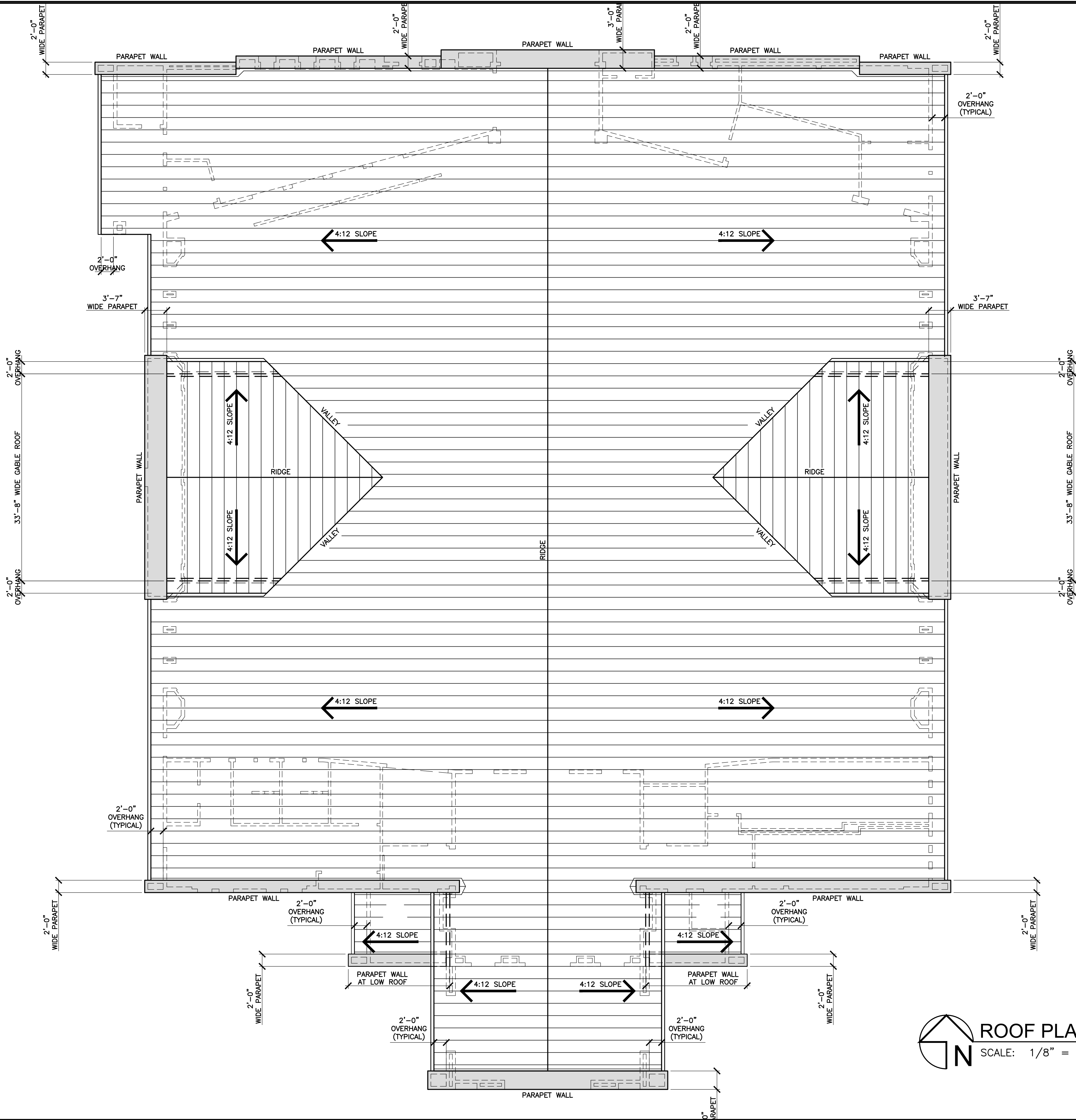
DRAWING #

OF #

JOB

DATE 10/04/19

SCALE: 1/4" = 1'-0"



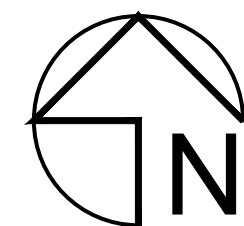
 **ROOF PLAN**
SCALE: 1/8" = 1'-0"

EXHIBIT REVISION BLOCK

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	DATE: 10/04/19 - CUP CORRECTIONS

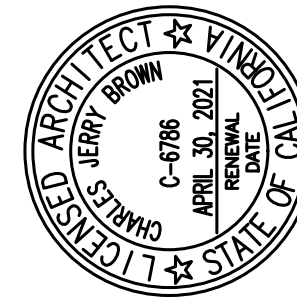
PA# 19-0017

CHURCH ROOF PLAN

JOB	
DATE	10/04/19
SCALE:	1/8"=1'-0"

ST. FRANCES OF ROME CATHOLIC CHURCH
CONDITIONAL USE PERMIT SUBMITTAL

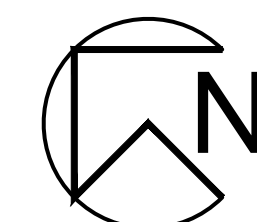
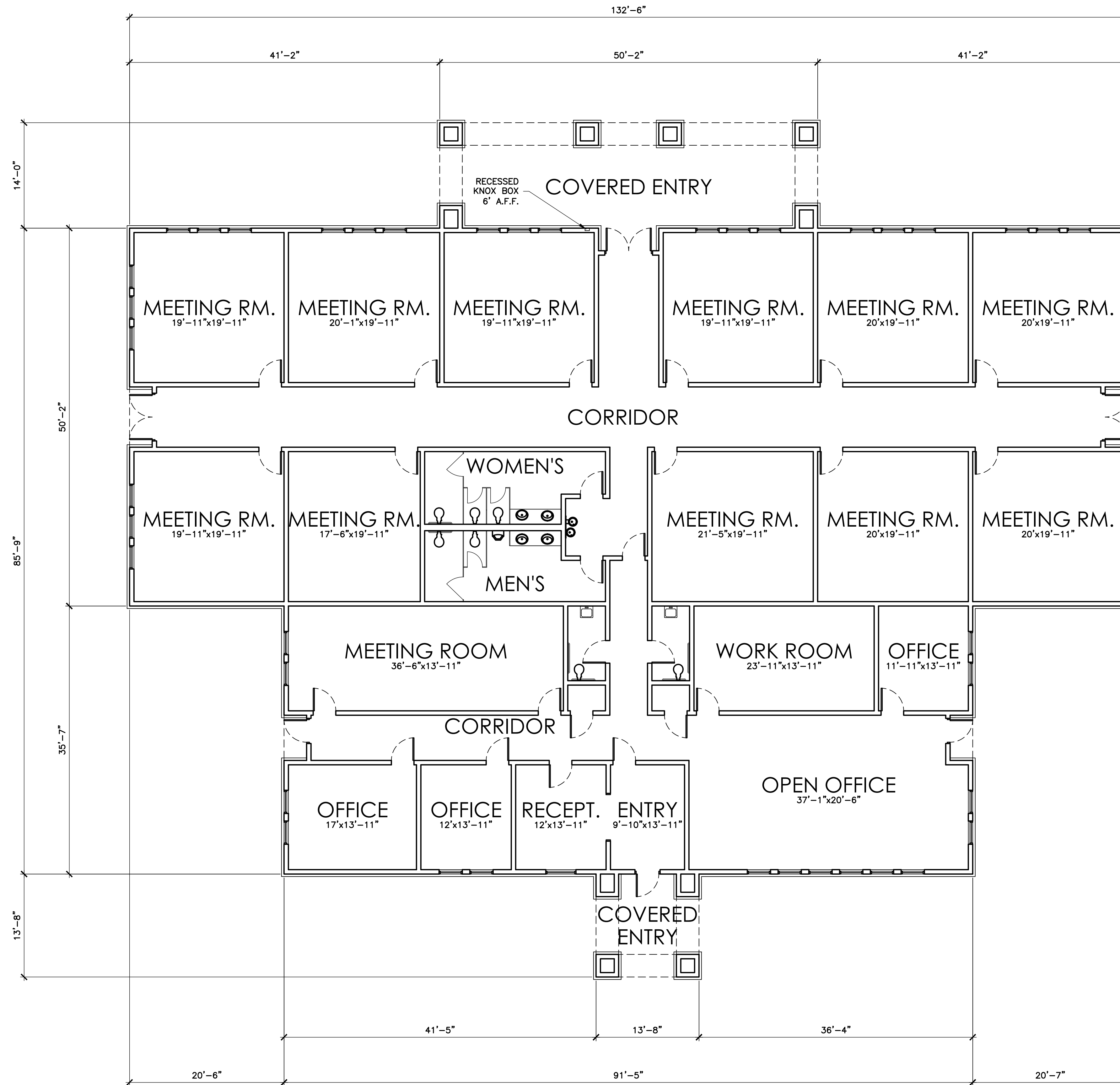
21591 LEMON ST., WILDOMAR, CA 92595



CHARLES BROWN
ARCHITECT
5140 VICTORIA AVENUE, RIVERSIDE, CA 92506
951-683-6222 / cbrown@cbarchitect.org

A-4

DRAWING #
OF #



BUILDING - B
OFFICE FLOOR PLAN

SCALE: 1/8" = 1'-0"

EXHIBIT REVISION BLOCK			A-5.0
DATE: 7/26/19	– CUP CORRECTIONS		
DATE: 10/04/19	– CUP CORRECTIONS		
DRAWING	#		
OF	#		

PA# 19-0017

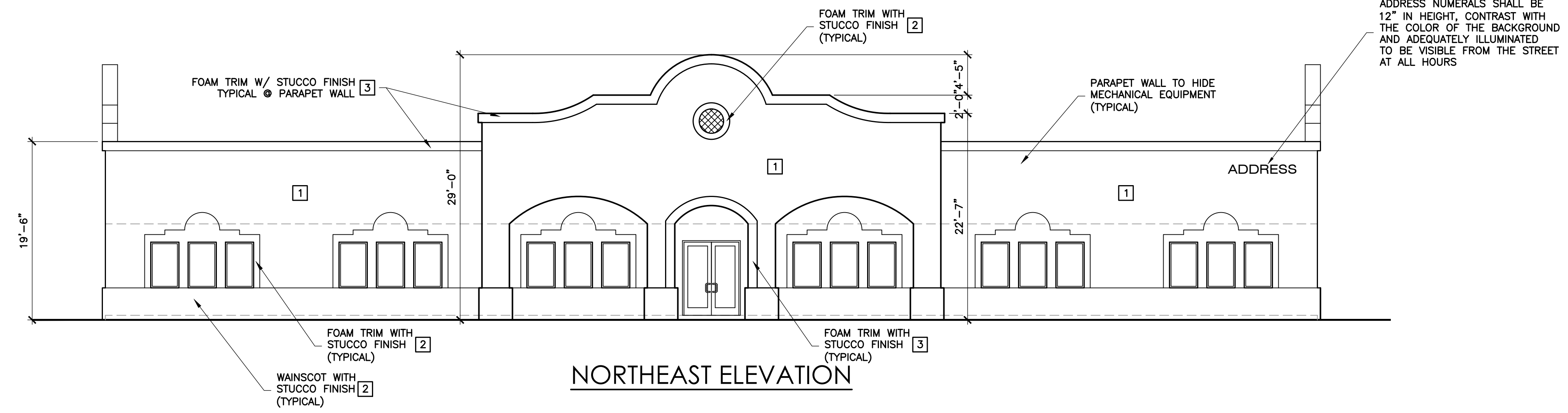
**MEETING ROOMS
AND OFFICE
FLOOR PLAN**

ST. FRANCES OF ROME CATHOLIC CHURCH
CONDITIONAL USE PERMIT SUBMITTAL

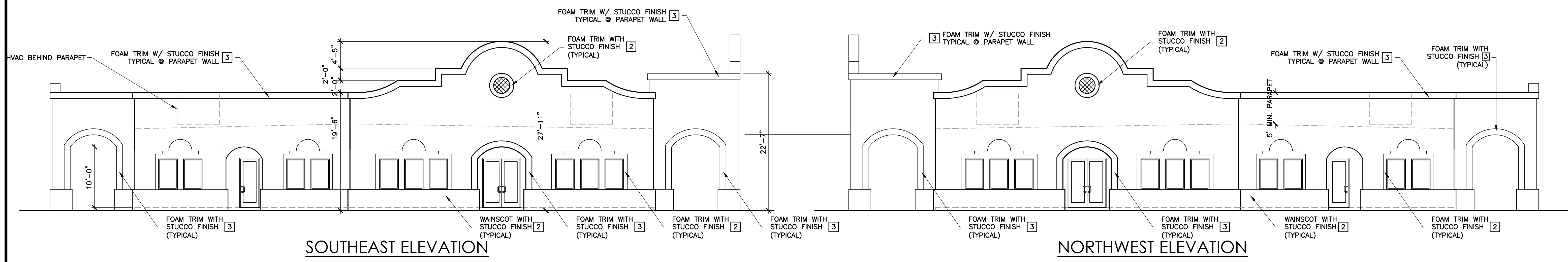
21591 LEMON ST., WILDOMAR, CA 92595



CHARLES BROWN
ARCHITECTS
5140 VICTORIA AVENUE, RIVERSIDE, CA 92506
951-683-6222 / cbrown@cbarchitect.org

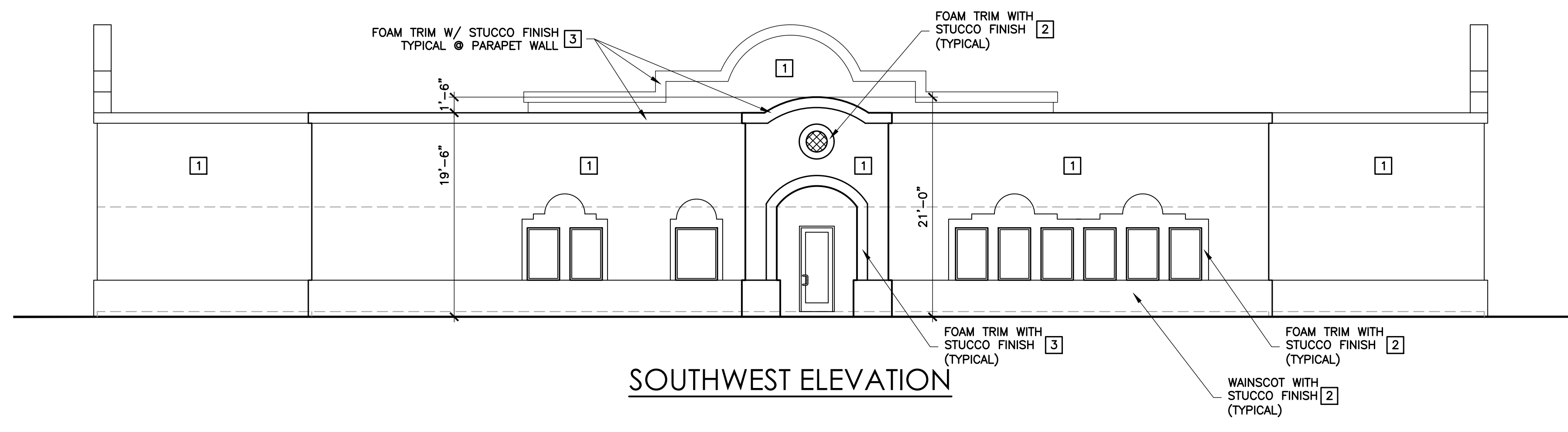


NORTHEAST ELEVATION



SOUTHEAST ELEVATION

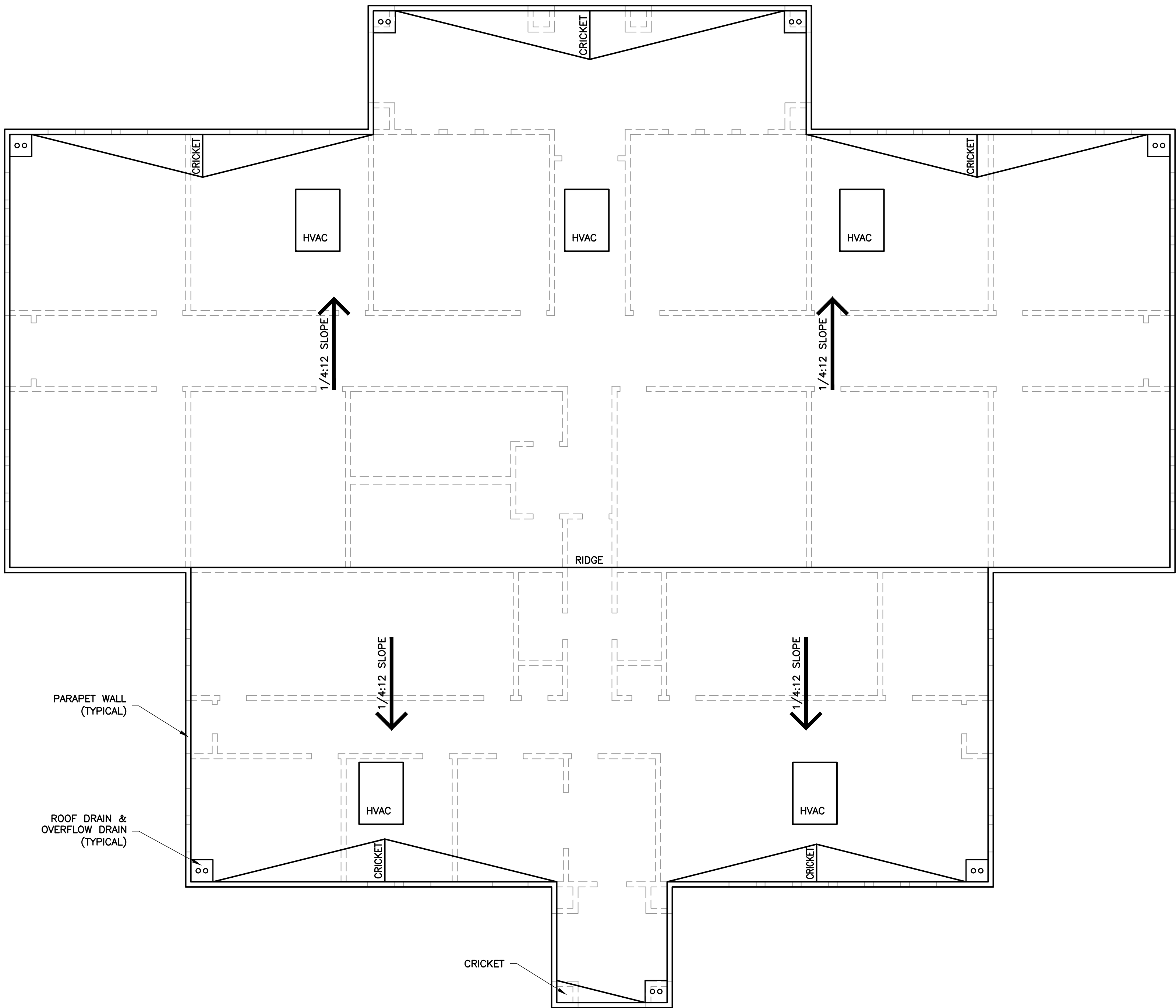
NORTHWEST ELEVATION



SOUTHWEST ELEVATION

- STUCCO NOTES**
- 1 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - 432 MILKY QUARTZ
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
PRIMARY STUCCO AND FOAM EAVE TRIM STUCCO COLOR
 - 2 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - 12 CHENILLE
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
WAINSCOT AND FOAM TRIM ACCENT STUCCO COLOR
 - 3 MANUFACTURER - OMEGA PRODUCTS INTERNATIONAL
COLOR - PAINTED TO MATCH ROOF TILE
PRODUCT - SMOOTH COAT
TEXTURE - STEEL TROWEL
FOAM TRIM ACCENT STUCCO COLOR @ PARAPET WALLS

EXHIBIT REVISION BLOCK		A-5.1
DATE: 7/26/19 - CUP CORRECTIONS		
DATE: 10/04/19 - CUP CORRECTIONS		
DRAWING	#	
OF	#	



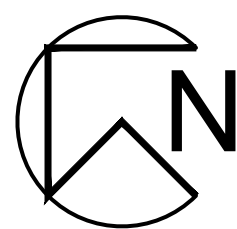
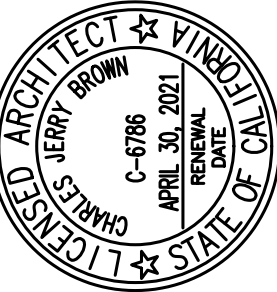
 **ROOF PLAN**
SCALE: 1/8" = 1'-0"

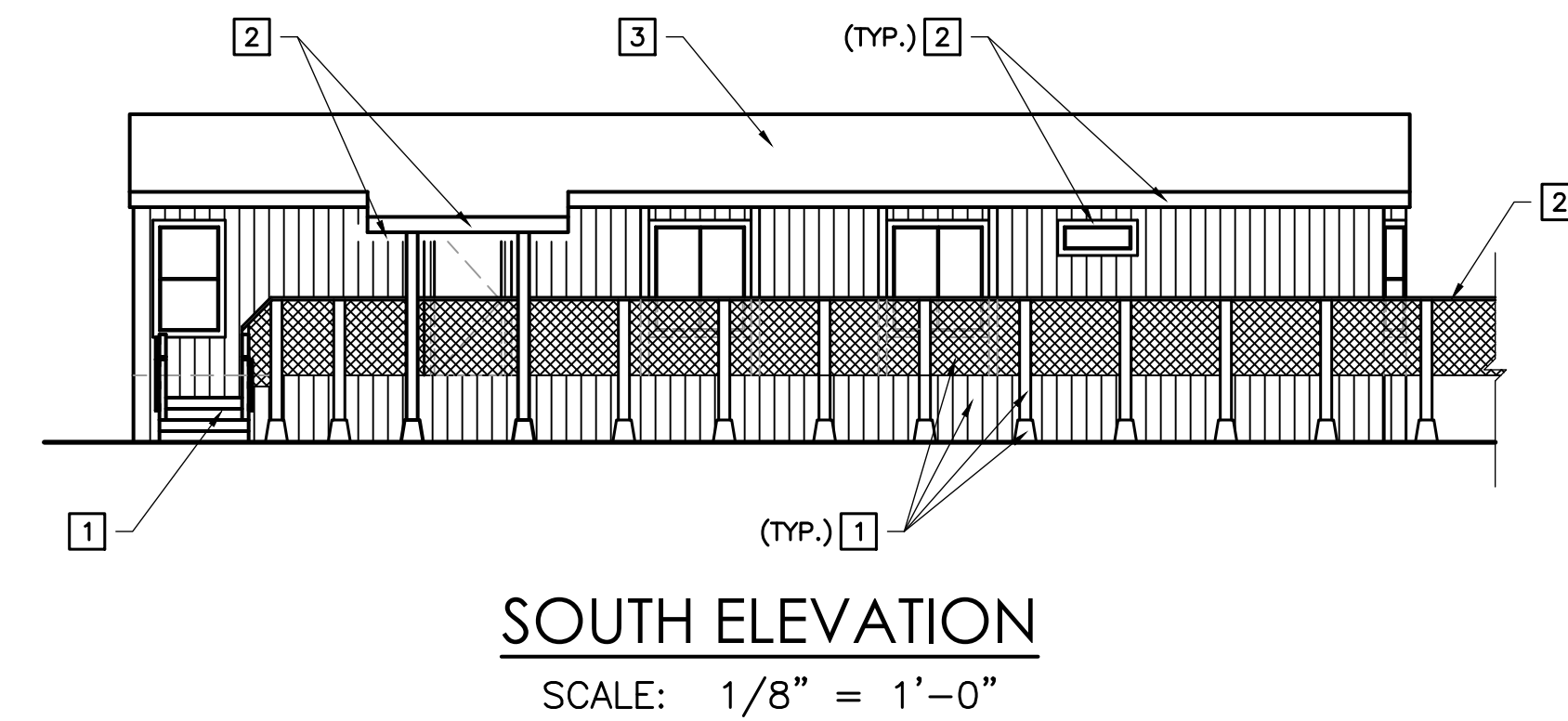
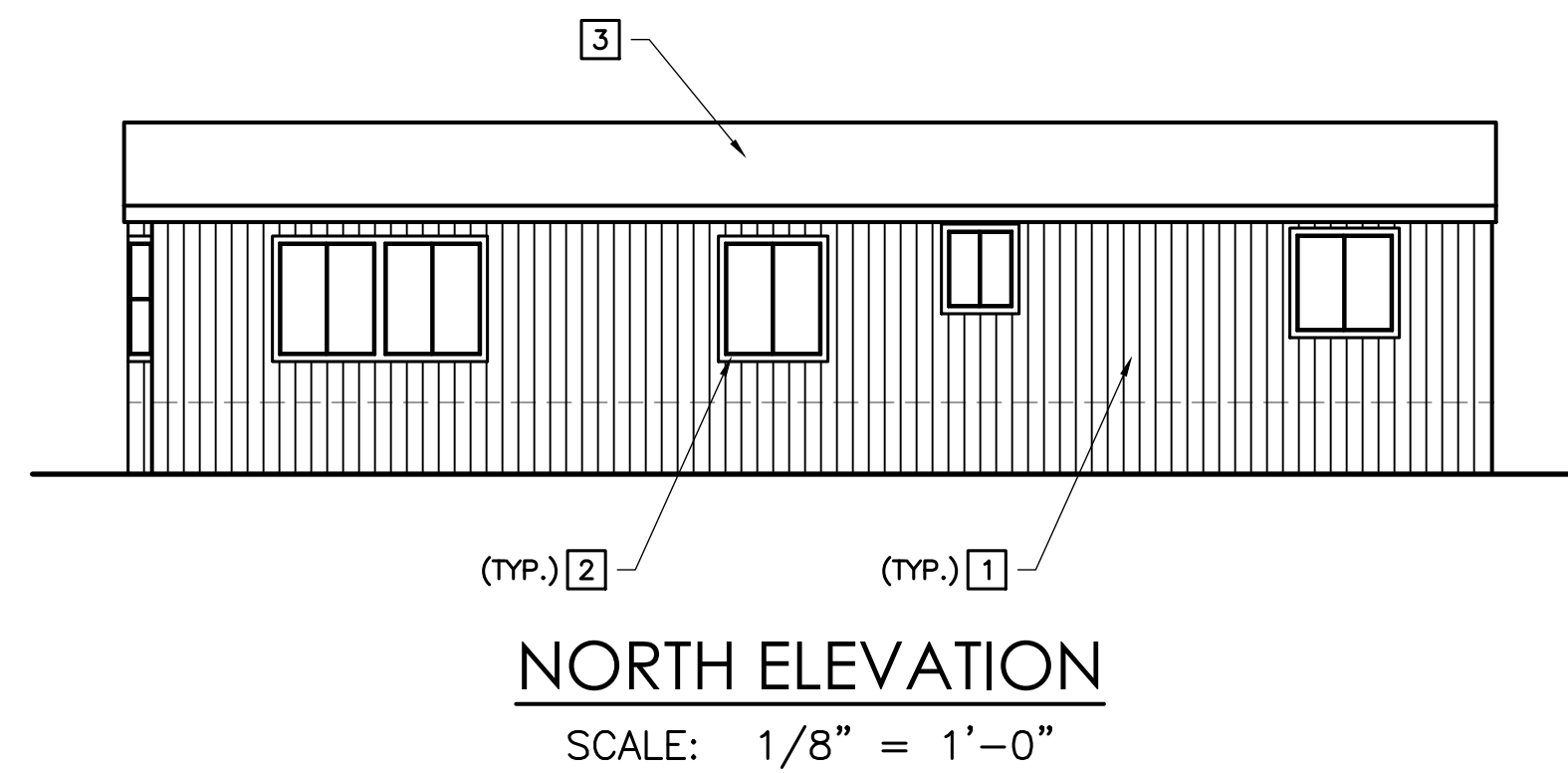
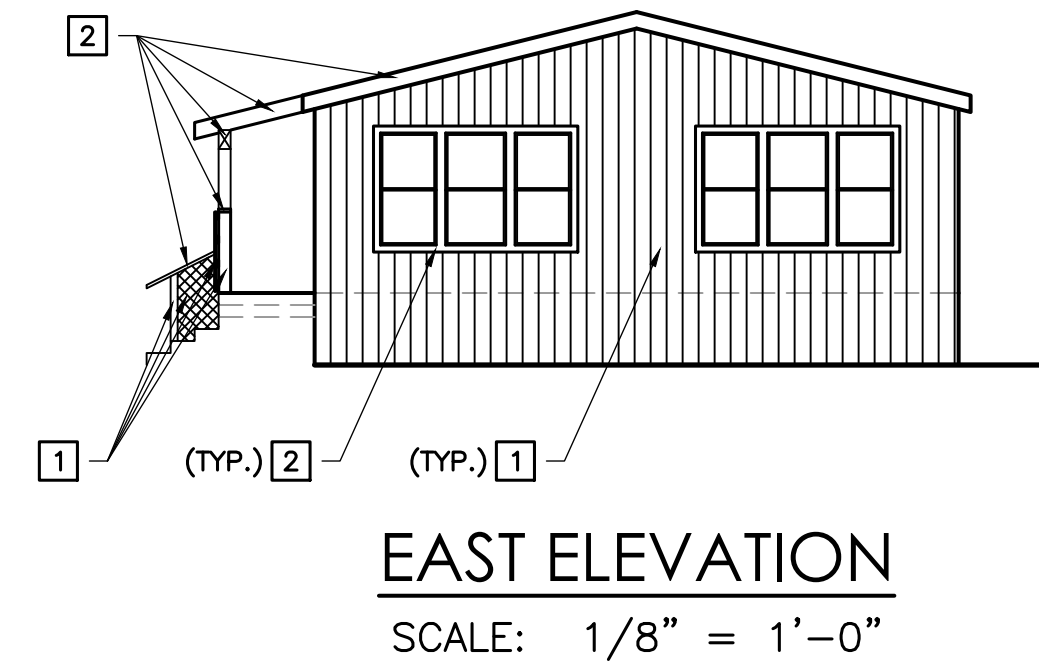
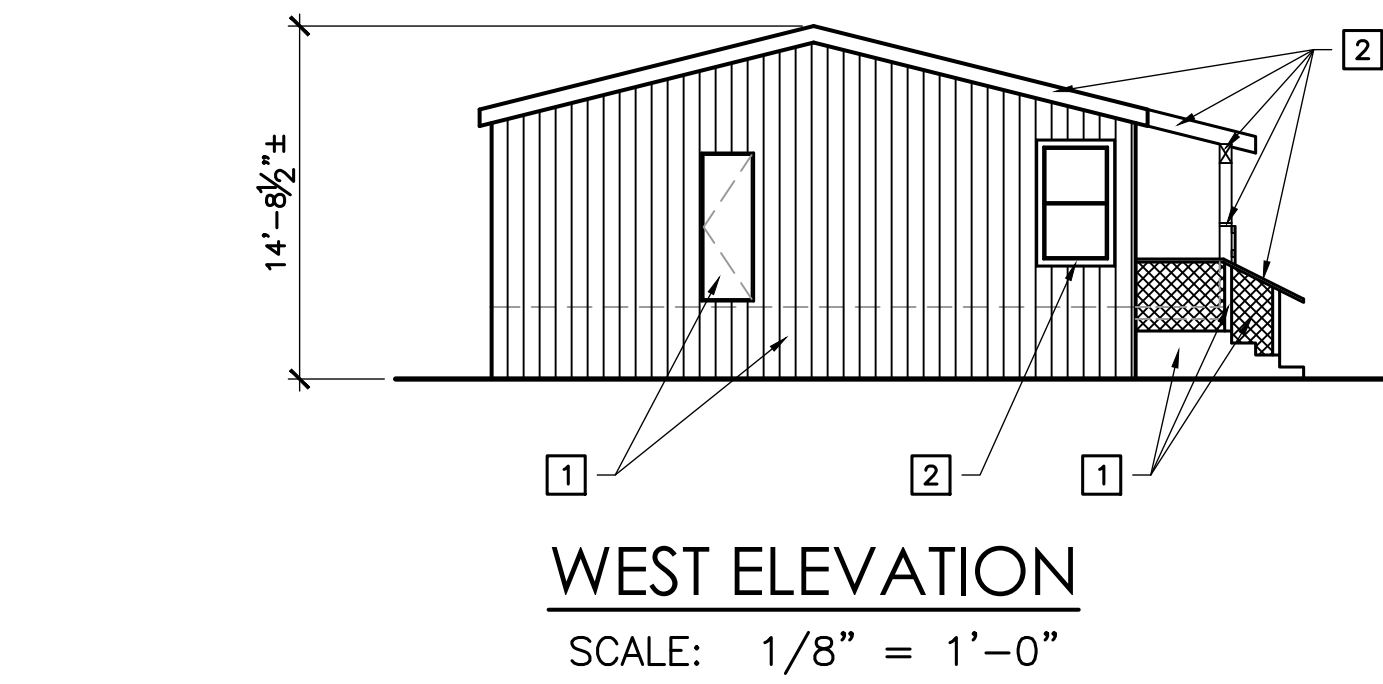
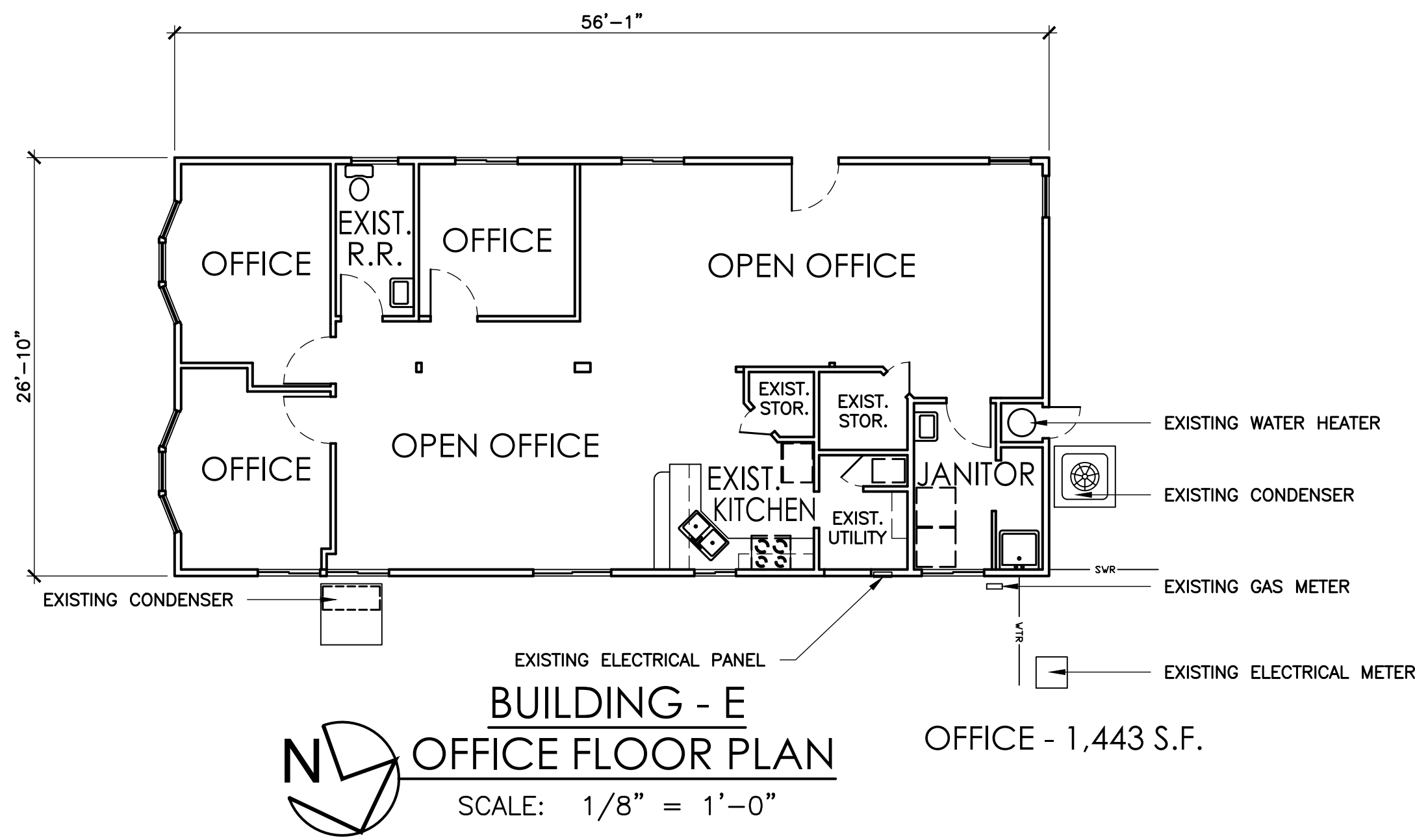
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	DATE: 10/04/19	- CUP CORRECTIONS	
	DRAWING	#	
	OF	#	

PA# 19-0017
**MEETING ROOMS
AND OFFICE
ROOF PLAN**

JOB	
DATE	10/04/19
SCALE: 1/8"=1'-0"	

ST. FRANCES OF ROME CATHOLIC CHURCH
CONDITIONAL USE PERMIT SUBMITTAL
21591 LEMON ST., WILDOMAR, CA 92595





- STUCCO NOTES**
- 1 PAINT TO MATCH STUCCO COLOR 432 MILKY QUARTZ
PRIMARY PAINT COLOR
 - 2 PAINT TO MATCH STUCCO COLOR 12 CHENILLE
ACCENT PAINT COLOR
 - 3 EXISTING ROOF TO REMAIN

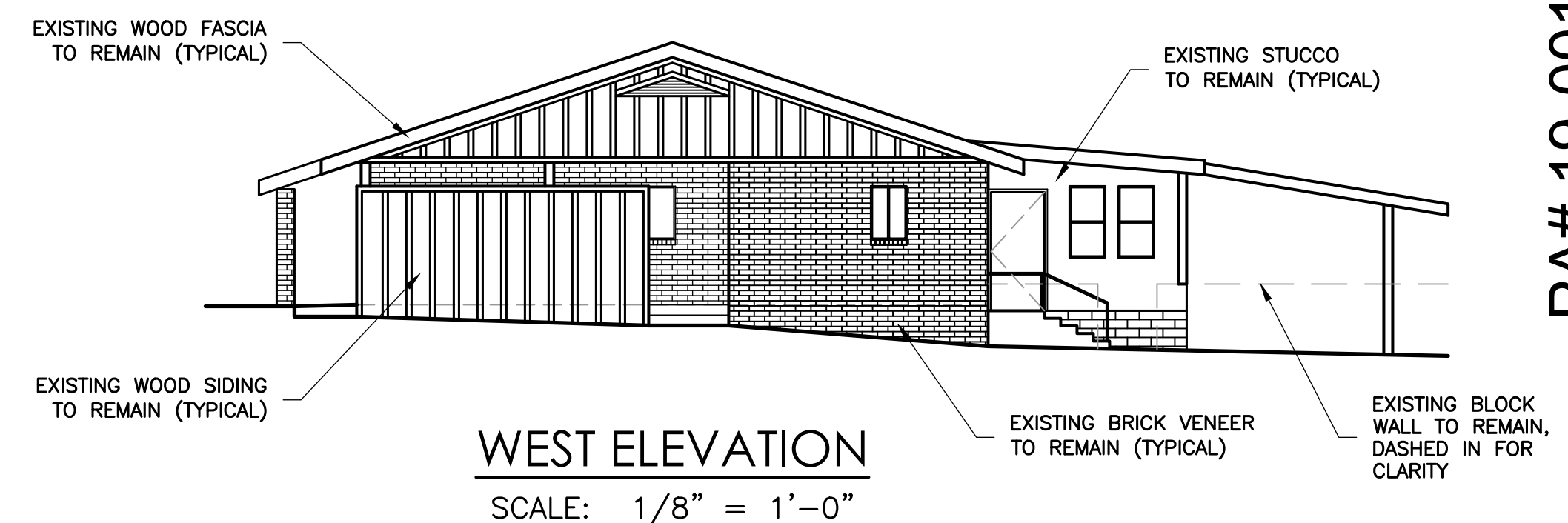
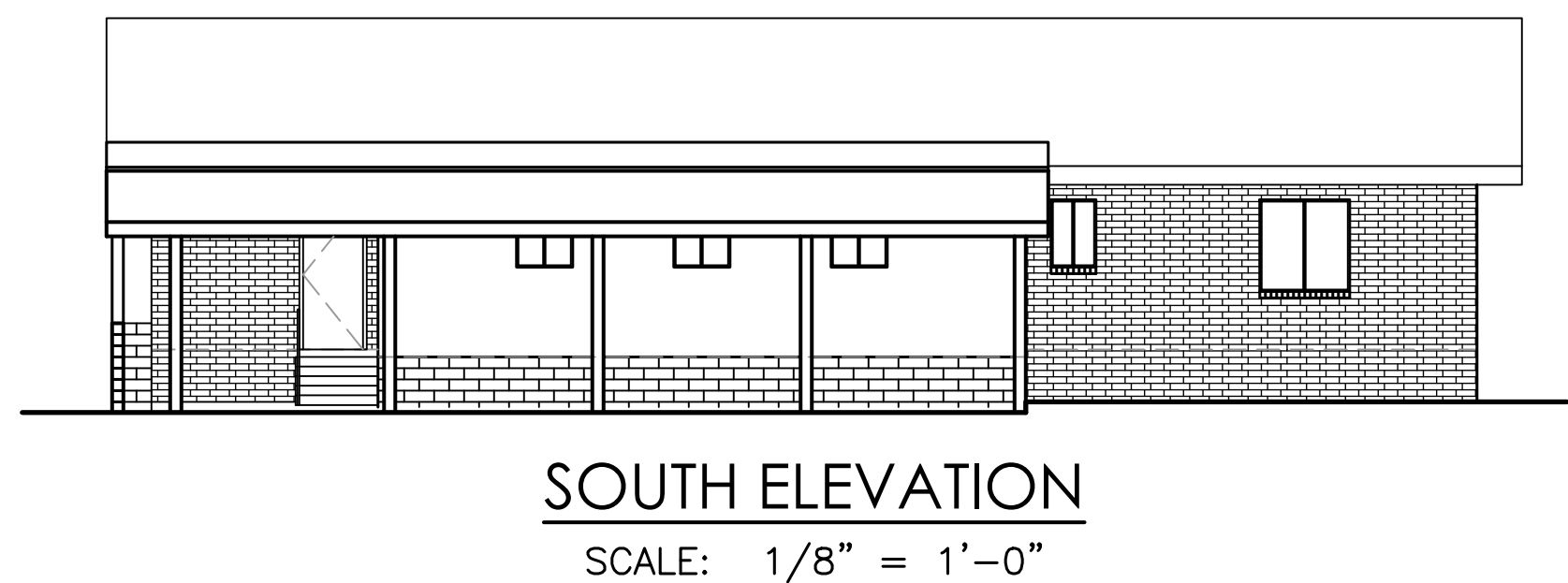
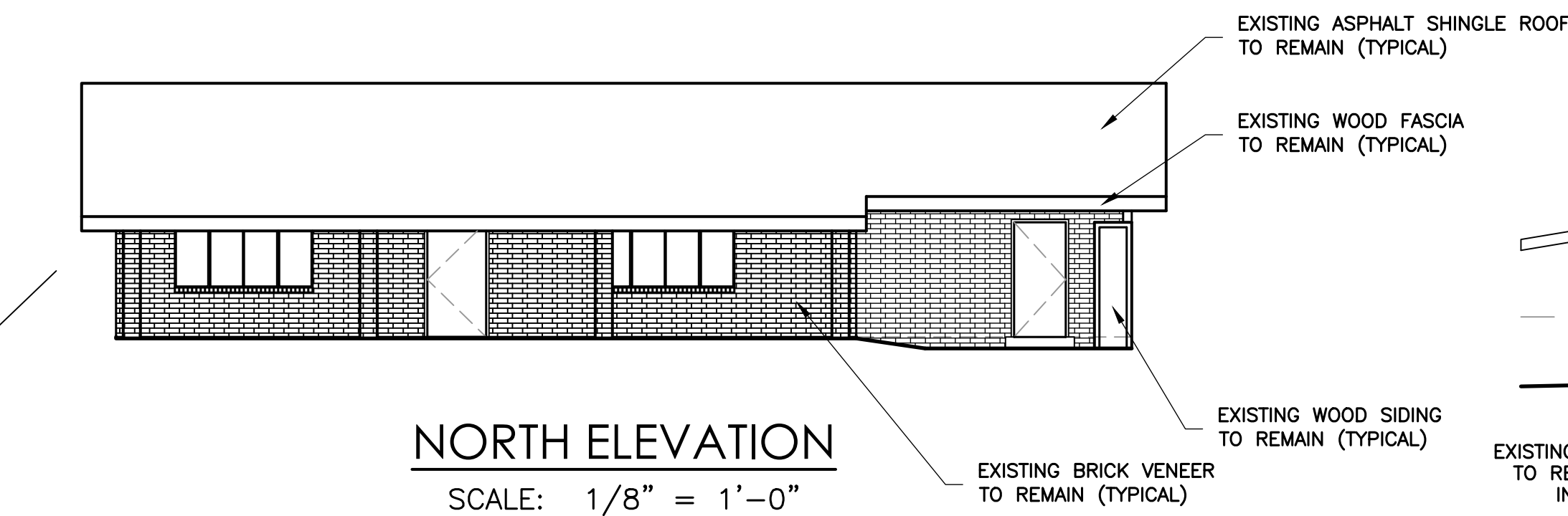
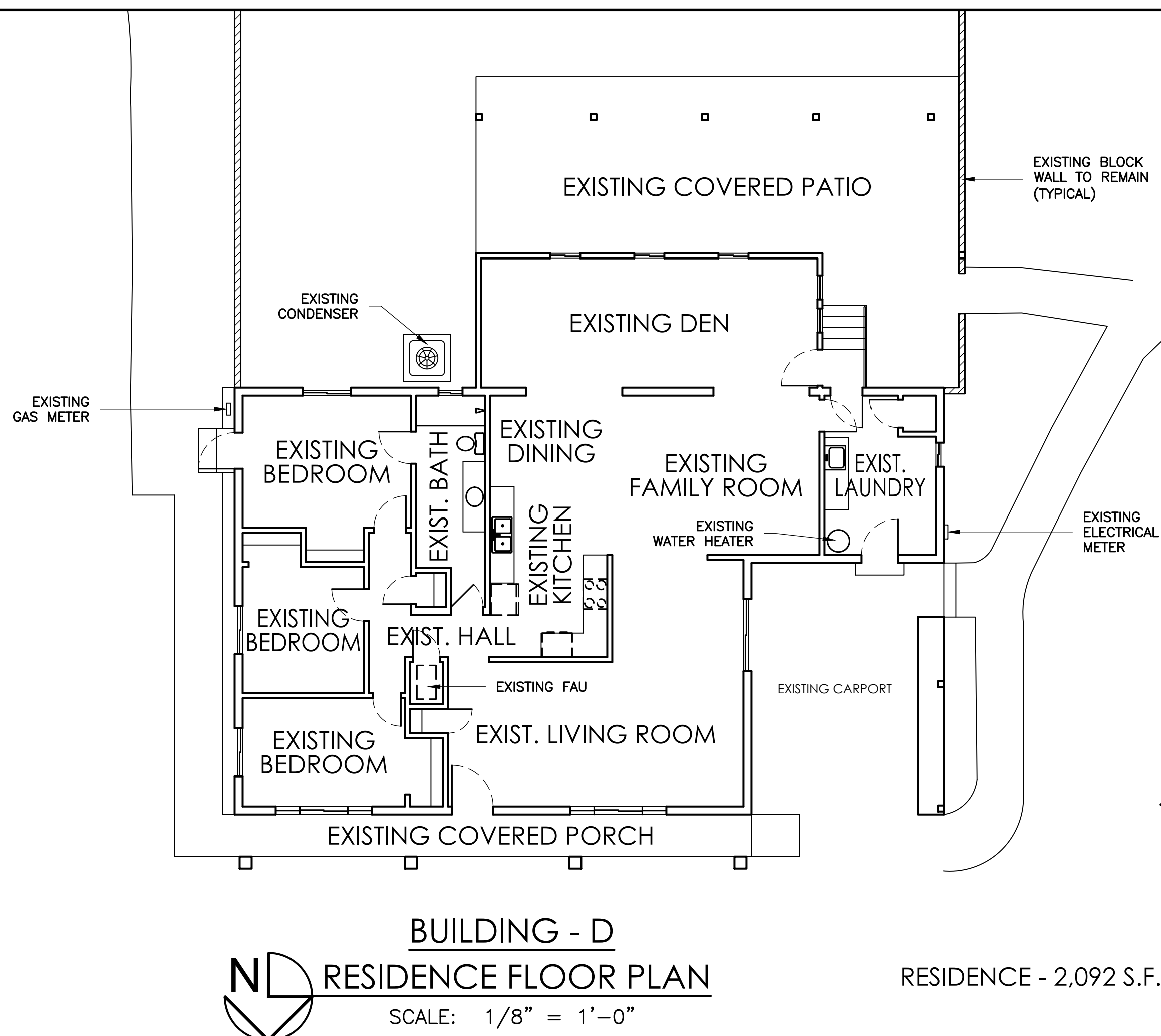
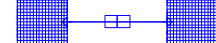


EXHIBIT REVISION BLOCK	
DATE: 7/26/19 - CUP CORRECTIONS	
DATE: 10/04/19 - CUP CORRECTIONS	

Luminaire Schedule							
Symbol	Qty	Label	Arrangement	LMF	Lum. Lumens	Lum. Watts	Part Number
	13	B3	SINGLE	0.990	10738	86	OSQ-A-NM-3ME-B-30K- - + OSQ-DA
	41	B4	SINGLE	0.990	10738	86	OSQ-A-NM-4ME-B-30K- - + OSQ-DA
	1	B4-2L	2 @ 90	0.990	10738	86	OSQ-A-NM-4ME-B-30K- - + OSQ-DA
	6	B5M-2	BACK-BACK	1.010	10232	86	OSQ-A-NM-5ME-B-30K- - + OSQ-DA
	8	K3	SINGLE	0.990	16022	130	OSQ-A-NM-3ME-K-30K- - + OSQ-DA
	3	K3B	SINGLE	0.990	12312	130	OSQ-A-NM-3ME-K-30K- - + OSQ-DA + OSQ-BLSMF
	6	K5M-2	BACK-BACK	1.010	15063	130	OSQ-A-NM-5ME-K-30K- - + OSQ-DA

Calculation Summary (Footcandles calculated using predicted lumen values @ 50K hrs of operation)

Label	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Fc	1.67	12.6	0.0	N.A.	N.A.
Lot 1	Fc	3.29	8.9	1.0	3.29	8.90
Lot 2	Fc	4.29	12.6	1.0	4.29	12.60

Existing Pole
Contractor to verify voltage, color, and mounting.

Additional Equipment
(98) OSQ-DA (Direct Arm Mount)

*** CUSTOMER TO VERIFY ORDERING INFORMATION AND CATALOGUE NUMBER PRIOR TO PLACING ORDER ***



Illumination results shown on this lighting design are based on project parameters provided to Cree, Inc. used in conjunction with luminaire test procedures conducted under laboratory conditions. Actual project conditions differing from these design parameters may affect field results. The customer is responsible for verifying dimensional accuracy along with compliance with any applicable electrical, lighting or energy code.

Project Name: St. Francis of Rome Catholic Church 21591 Lemon St, Wildomar, CA

SR-36602

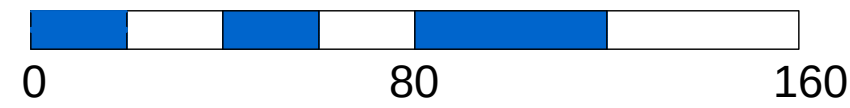
Footcandles calculated at grade

Filename: 190418SC1BAFR2.AGI

Layout By: Ben Foster

Date:5/22/2019

Scale 1" = 40'



21591 LEMON ST.
WILDOMAR, CA 92595
APN: 366-170-058 & 005, 366-330-011

OWNER:
ROMAN CATHOLIC DIOCESE OF SAN BERNARDINO
CONTACT: DAVID MEIER
1201 E. HIGHLAND AVENUE
SAN BERNARDINO, CA 92404
PHONE: 951-522-3036

CIVIL ENGINEER:
McKEEVER ENGINEERING
CONTACT: BILL McKEEVER
909 E. WASHINGTON STREET, SUITE 208
COLTON, CA 92324
PHONE: 909-825-8048
EMAIL: OFFICE@WJMcKEEVERINC.COM

ARCHITECT:
CHARLES J. BROWN ARCHITECT
CONTACT: CHARLES BROWN
4049 ALMOND STREET, SUITE 201
RIVERSIDE, CA 92501
PHONE: 951-683-6222
EMAIL: CBROWN@CBARCHITECT.ORG

SPECIAL RENOVATION NOTES:

THE MAJORITY OF THE EXISTING LANDSCAPE SURROUNDING EXISTING BUILDINGS SHALL BE REMOVED. THE NEW LANDSCAPE DESIGN THEME SHALL REFLECT A "XERISCAPE" DESIGN WITH AN ASSORTMENT OF DROUGHT TOLERANT PLANT MATERIALS.

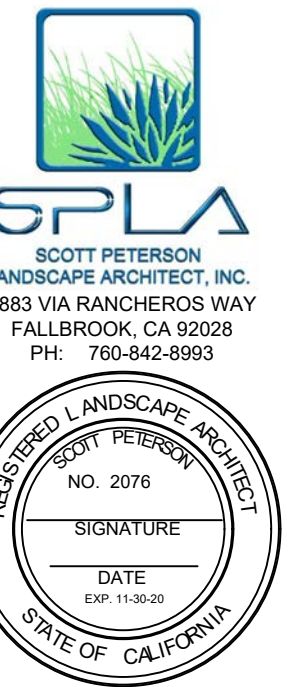
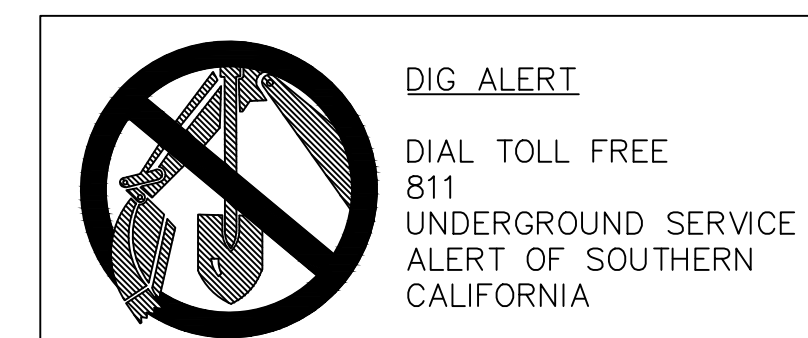
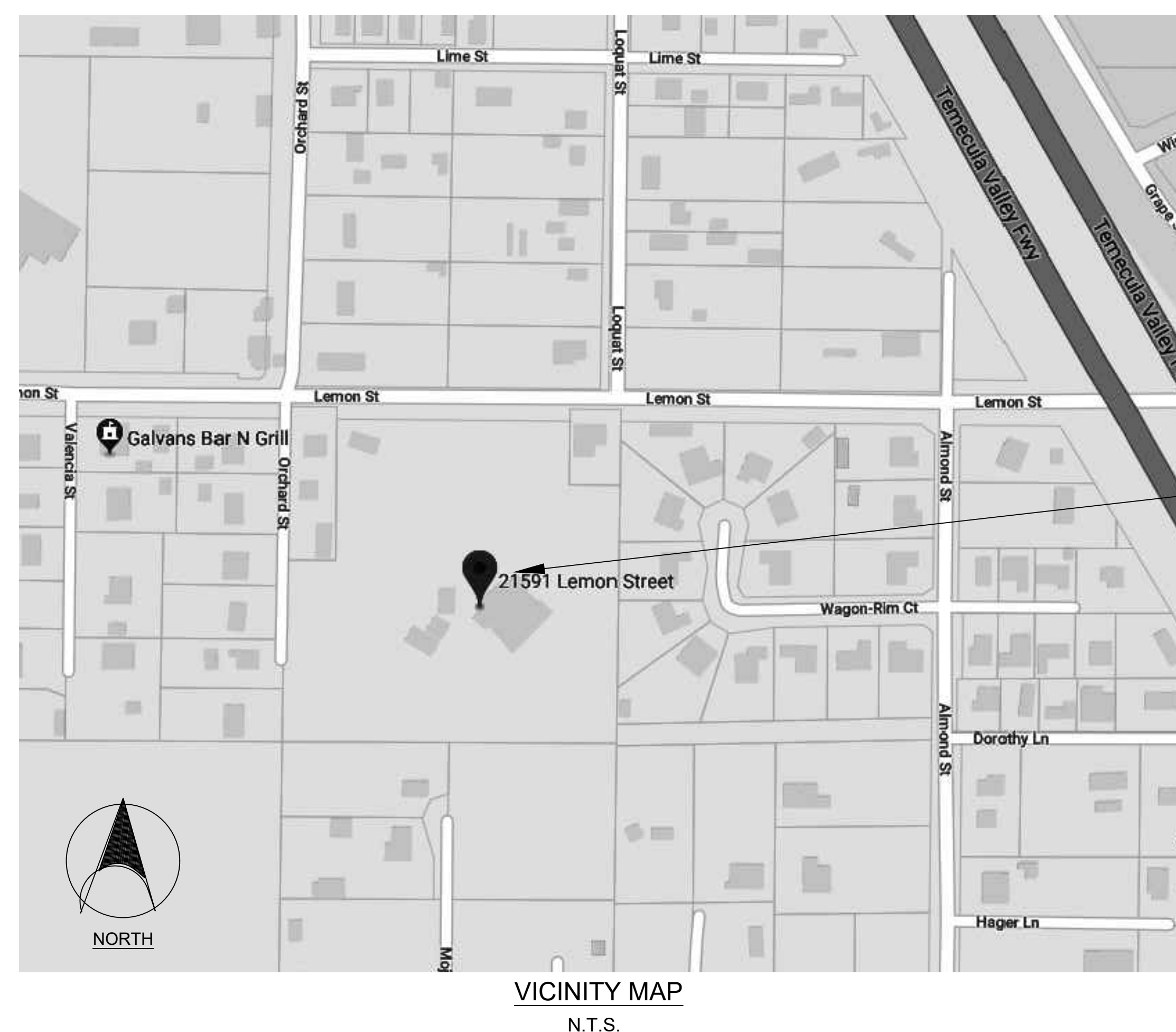
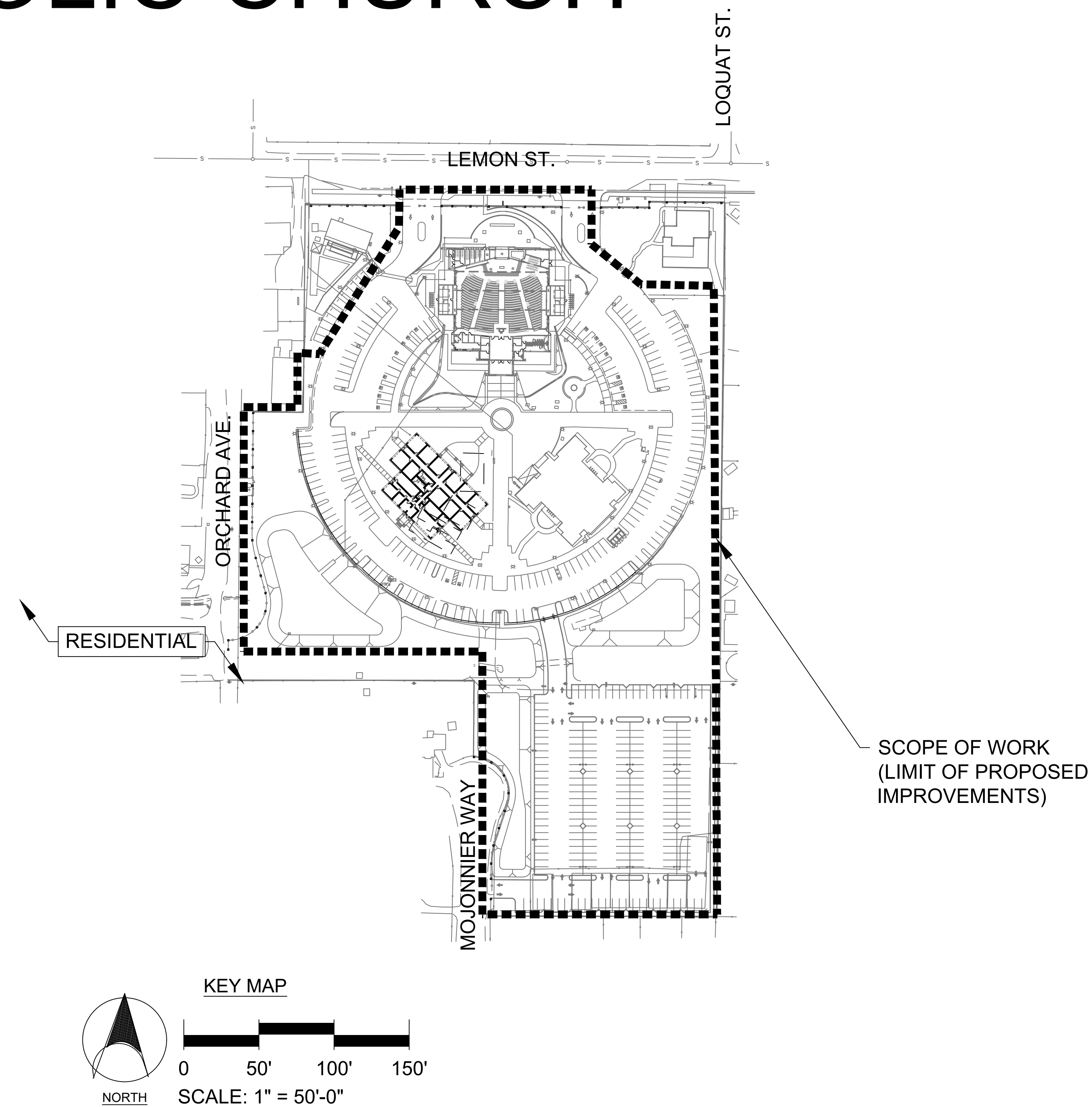
A NEW IRRIGATION SYSTEM WILL BE PROVIDED CONSISTING OF WATER EFFICIENT DRIP AND BUBBLER SYSTEMS.

GENERAL NOTES (FINAL CD PHASE)

1. CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT IN ORDER TO SCHEDULE A PRE-CONSTRUCTION MEETING PRIOR TO STARTING ANY WORK. THE CONTRACTOR SHALL CONFIRM THAT HE IS WORKING FROM THE CURRENT CITY APPROVED LANDSCAPE & IRRIGATION DWGS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REQUIRED PERMITS ASSOCIATED WITH THIS PROJECT RELATING TO HARDSCAPE, IRRIGATION & PLANTING INSTALLATIONS.
3. ALL LANDSCAPE & HARDSCAPE IMPROVEMENTS SHALL BE APPROVED BY THE CITY OF WILDOMAR'S LANDSCAPE PLANNING DIVISION PRIOR TO ANY CONSTRUCTION.
4. THE PLANT MATERIAL SUPPLIER/ OR LANDSCAPE CONTRACTOR SHALL PROVIDE GUARANTEED EVIDENCE TO LAND. ARCH. THAT ALL PLANT MATERIAL IS CONSISTENT WITH THE APPROVED PLANT LEGEND CONSIDERING GENUS, SPECIES, CULTIVARS, AND SIZE SPECIFIED. ALL PLANT MATERIAL NOT CONSISTENT WITH THE PLANT LEGEND MAY BE REJECTED.
5. ALL REVISIONS AND CHANGE ORDERS TO THE APPROVED LAND. ARCH. PLANS AND SPECIFICATIONS ARE SUBJECT TO THE REVIEW AND APPROVAL BY THE LAND. ARCH. & PROPERTY OWNER BEFORE WORK MAY CONTINUE.
6. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) BEFORE THE START OF CONSTRUCTION AT 811 DIG-ALERT.
7. REFER TO SITE CONSTRUCTION PLANS, IRRIGATION & PLANTING PLANS FOR SPECIFIC NOTES PERTAINING TO THESE TASKS.
8. ALL CONSTRUCTION SHALL COMPLY WITH THE CITY OF WILDOMAR'S STANDARDS RELATING TO EROSION CONTROL, PORTABLE TOILETS, ETC.
9. ALL IRRIGATION IMPROVEMENTS SHALL COMPLY WITH THE CA. STATE WATER ORDINANCE 1881 & THE CITY'S IRRIGATION STANDARDS AND GUIDELINES FOR WATER EFFICIENT LANDSCAPES.
10. SOIL TEST SHALL BE SUBMITTED TO LANDSCAPE ARCHITECT WITH PROOF OF AMENDMENTS USED AND QUANTITIES AS DIRECTED BY THE SOIL REPORT.
11. ALL IMPROVEMENTS ARE TO BE MAINTAINED BY THE PROPERTY OWNER

SHEET INDEX

L-1	COVER SHEET
L-2 ~ L-3	PRELIMINARY PLANTING PLAN
L-4	PLANTING LEGEND AND PRELIMINARY IRRIGATION WATER USE CALCULATIONS



CONSULTANTS:

CIVIL	McKEEVER
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
ARCHITECT	CHARLES J. BROWN
FIRE PROTECTION	-
SOILS ENGINEER	-
MATERIAL HANDLING	-

PRELIMINARY LANDSCAPE RENOVATIONS FOR ST. FRANCES OF ROME CATHOLIC CHURCH

21591 LEMON ST.
WILDOMAR, CA 92595
APN: 366-170-058 & 005, 366-330-011

8/21/19
CIVIL UPDATES & CITY COMMENTS

CHKD: SP
DRAWN: AJ/AP
JOB #

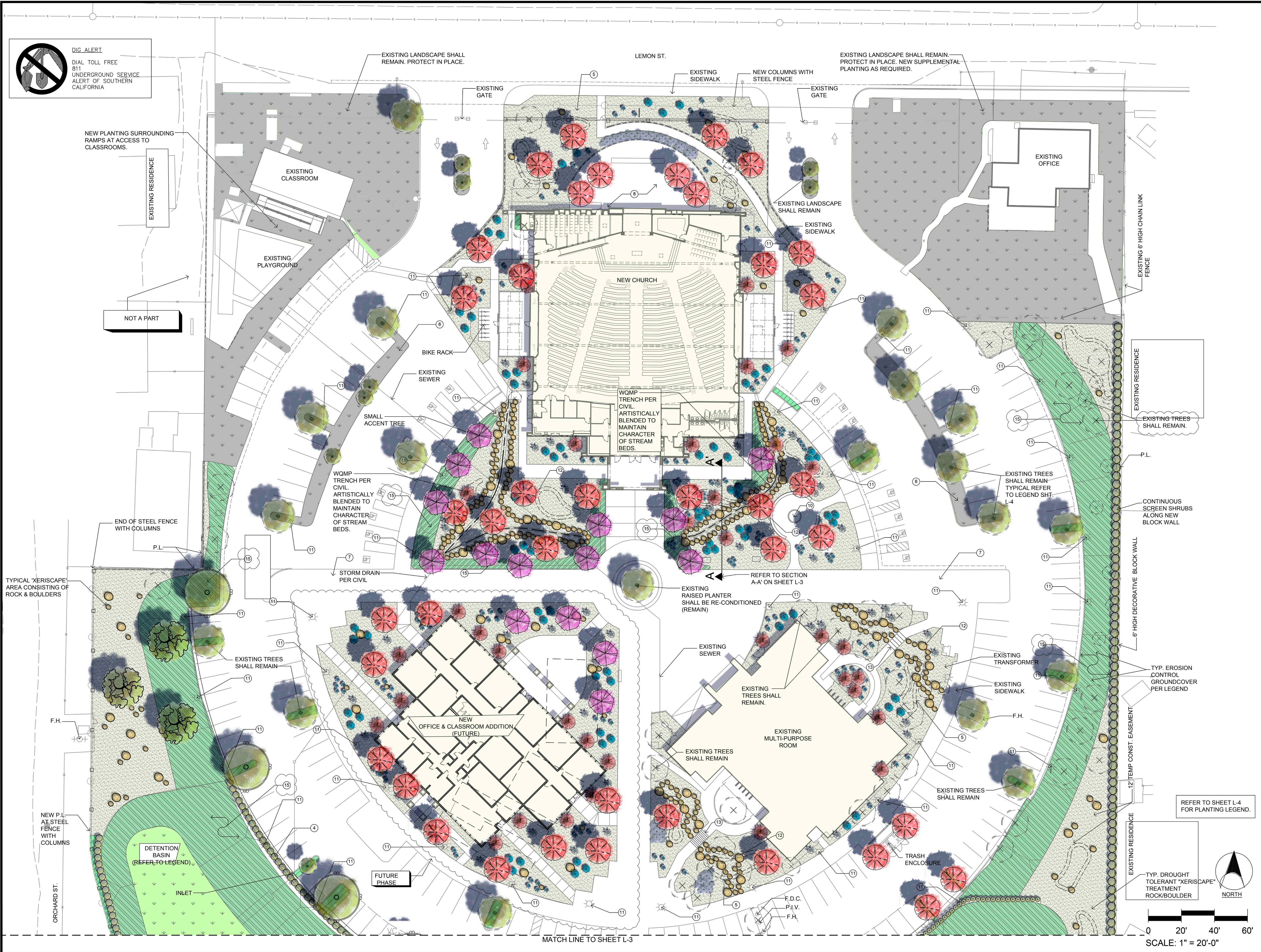
SHEET TITLE
**COVER
SHEET**

L-1

IVIL	McKEEVER
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
ARCHITECT	CHARLES J. BROWN
FIRE PROTECTION	-
OILS ENGINEER	-
MATERIAL HANDLING	-

WILDOMAR, CA 92595
APN: 366-170-058 & 005, 366-330-011

L-2





CONSULTANTS:

CIVIL	McKEEVER
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
ARCHITECT	CHARLES J. BROWN
FIRE PROTECTION	-
SOILS ENGINEER	-
MATERIAL HANDLING	-

PRELIMINARY LANDSCAPE RENOVATIONS FOR ST. FRANCES OF ROME CATHOLIC CHURCH

21591 LEMON ST.
 WILDOMAR, CA 92595
 APN: 366-170-058 & 005, 366-330-011

8/21/19	CIVIL UPDATES & CITY COMMENTS
10/18/19	CITY COMMENTS

CHKD: SP	
DRAWN: AP	
JOB#	

SHEET TITLE
**PRELIMINARY
 PLANTING
 PLAN**

L-3

3 OF 4 SHEETS



DESIGN KEY NOTES:

- PROPOSED PARKING LOT CANOPY SHADE TREE TO MATCH OTHER 'ON-SITE' TREES PER LEGEND.
- TYP. PROPERTY LINE TREE EDGE PLANTING.
- TYP. DETENTION BASIN PER CIVIL PLANS. EROSION CONTROL PLANTING ON SIDE SLOPES PER LEGEND.
- TYP. SCREEN SHRUB SURROUNDING BASIN.
- TYP. DECORATIVE D.G. AREAS WITH ASSORTED BOULDERS AND ASSORTED DROUGHT TOLERANT ACCENT PLANTS & SUCCULENTS PER LEGEND.
- EXISTING BRICK PAVING SHALL REMAIN.
- NEW HARDSCAPE PAVING PER ARCH. DWGS.
- PROPOSED GARDEN PATIO WITH PERMEABLE PAVERS & TREE WELLS.

- EXISTING RAISED PLANTER SHALL REMAIN.
- PROPOSED SEATING AREA WITH FIRE PIT.
- TYPICAL LIGHT POLE EXISTING LOCATION.
- CREATE NATURAL MEANDERING DRY STREAM BED WITH BOULDERS AND COBBLESTONE.
- POSSIBLE ENHANCED PAVING THESE AREAS. SIMULATE A 'FOOT/BRIDGE' CROSSING.
- ADDITIONAL SECONDARY SHADE TREES ALONG EDGE OF PARKING LOT.
- TYP. EROSION CONTROL BANK PLANTING ALONG WITH NATURAL CASCADING SHRUBS WITH NATIVE GRASSES.

PRELIMINARY PLAN NOTE:

THIS IS A CONCEPTUAL LANDSCAPE PLAN. IT IS BASED ON PRELIMINARY INFORMATION WHICH IS NOT FULLY VERIFIED AND MAY BE INCOMPLETE. IT IS MEANT AS A COMPARATIVE AID IN EXAMINING ALTERNATE DEVELOPMENT STRATEGIES AND ANY QUANTITIES INDICATED ARE SUBJECT TO REVISION AS MORE RELIABLE INFORMATION BECOMES AVAILABLE.

IRRIGATION NOTE:

THE PROJECT WILL BE EQUIPPED WITH A LOW FLOW IRRIGATION SYSTEM CONSISTING OF ET WEATHER BASED SMART CONTROLLER, LOW FLOW ROTORS, BUBBLER AND/ OR DRIP SYSTEMS USED THROUGHOUT. THE IRRIGATION WATER EFFICIENCY WILL MEET OR SURPASS THE CURRENT STATE MANDATED AB-1881 WATER ORDINANCE.

WUCOLS PLANT FACTOR

THIS PROJECT IS LOCATED IN 'WUCOLS' REGION '4-SOUTH INLAND VALLEY'.

H = HIGH WATER NEEDS
 M = MODERATE WATER NEEDS
 L = LOW WATER NEEDS
 VL = VERY LOW WATER NEEDS

PARKING LOT SHADE TREE MATRIX

TOTAL NUMBER OF EXISTING & NEW PARKING STALLS PROVIDED = 412
 TOTAL NUMBER OF PARKING LOT SHADE TREES REQUIRED AT A MIN. OF 1 TREE PER 10 STALLS = 41
 REQUIRED
 TOTAL NUMBER OF PARKING LOT SHADE TREES PROVIDED (CONSISTING OF EXISTING AND NEW TREES) = 58

SHADING CALCULATIONS

50% OF PARKING STALLS SHALL BE SHADED AFTER 15 YEARS OF GROWTH PER CITY STANDARDS CHAPTER 17.188.070
 50% PROVIDED

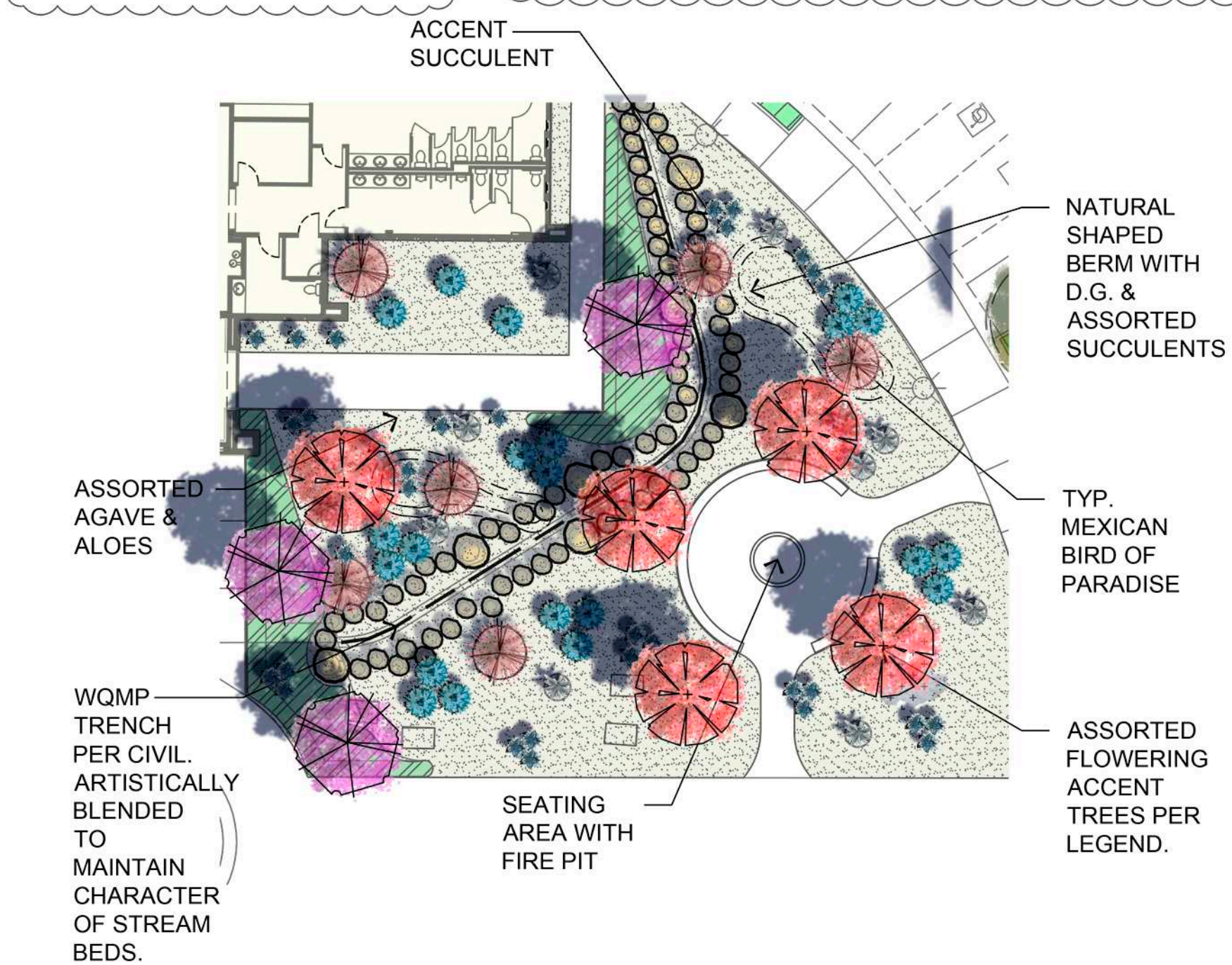
GENERAL NOTES:

- SLOPES GREATER THAN 3:1 SHALL BE STABILIZED WITH EROSION CONTROL GROUND COVER PER LEGEND, AND MULCH MATERIAL WITH 'BINDER' MATERIAL SHALL BE APPLIED FOR EROSION CONTROL.
- ROCK RIP-RAP MATERIAL SHALL BE INSTALLED WHERE DRAIN LINES CONNECT TO INFILTRATION AREAS.
- ALL UTILITY EQUIPMENT SUCH AS BACKFLOW UNITS, FIRE DETECTOR CHECKS AND FIRE CHECK VALVES WILL BE SCREENED WITH EVERGREEN PLANT MATERIAL ONCE FINAL LOCATIONS HAVE BEEN DETERMINED.
- ALL TREES SHALL BE PLANTED A MIN. OF 10 FT. FROM WATER AND/OR SEWER LINES.
- AN AGRONOMICAL SOILS TEST WILL BE TAKEN WITH RESULTS SUBMITTED DURING FINAL CD SUBMITTAL.

NATURAL SHAPED BERM WITH D.G. & ASSORTED SUCCULENTS

TYP. MEXICAN BIRD OF PARADISE

ASSORTED FLOWERING ACCENT TREES PER LEGEND.



ENLARGEMENT 'A' (TYP. PLANTING THEME - D.G. W/ BOULDERS, ASSORTED ACCENT SUCCULENTS, & DROUGHT TOLERANT PLANTS)
 SCALE: 1" = 20'-0"

POSSIBLE DROUGHT-TOLERANT ACCENT TREES PER LEGEND

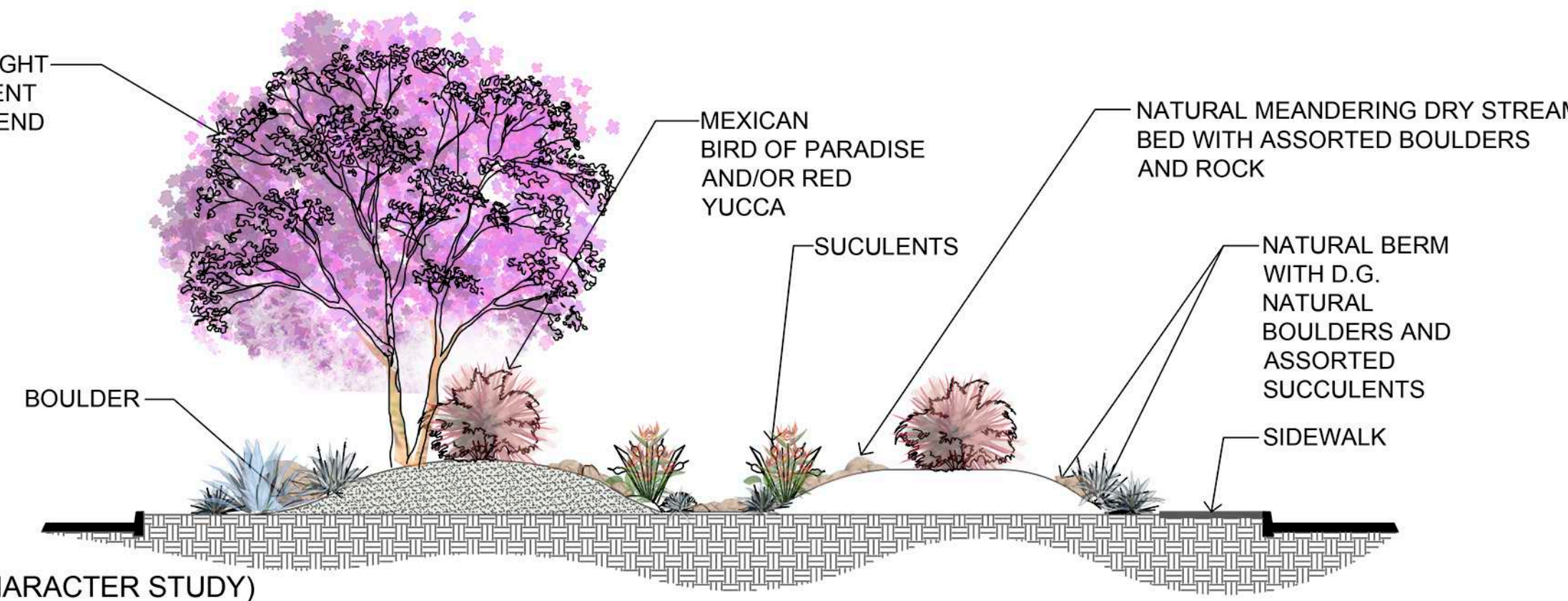
MEXICAN BIRD OF PARADISE AND/OR RED YUCCA

SUCULENTS

NATURAL MEANDERING DRY STREAM BED WITH ASSORTED BOULDERS AND ROCK

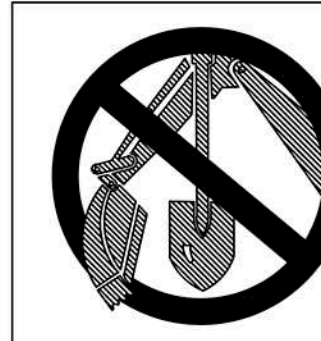
NATURAL BERM WITH D.G. NATURAL BOULDERS AND ASSORTED SUCCULENTS

SIDEWALK



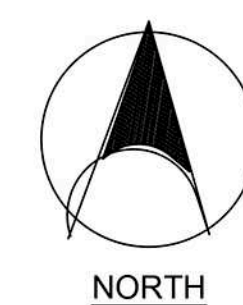
SECTION A-A' (CHARACTER STUDY)
 SCALE: 1/8" = 1'-0"

REFER TO SHEET L-4 FOR PLANTING LEGEND.



DIAL ALERT

DIAL TOLL FREE
 811
 UNDERGROUND SERVICE
 ALERT OF SOUTHERN
 CALIFORNIA



0 20' 40' 60'
 SCALE: 1" = 20'-0"



CONSULTANTS:

CIVIL	McKEEVER
STRUCTURAL	
MECHANICAL	
PLUMBING	
ELECTRICAL	
ARCHITECT	CHARLES J. BROWN
FIRE PROTECTION	
SOILS ENGINEER	
MATERIAL HANDLING	

PRELIMINARY LANDSCAPE RENOVATIONS FOR
ST. FRANCES OF ROME CATHOLIC CHURCH

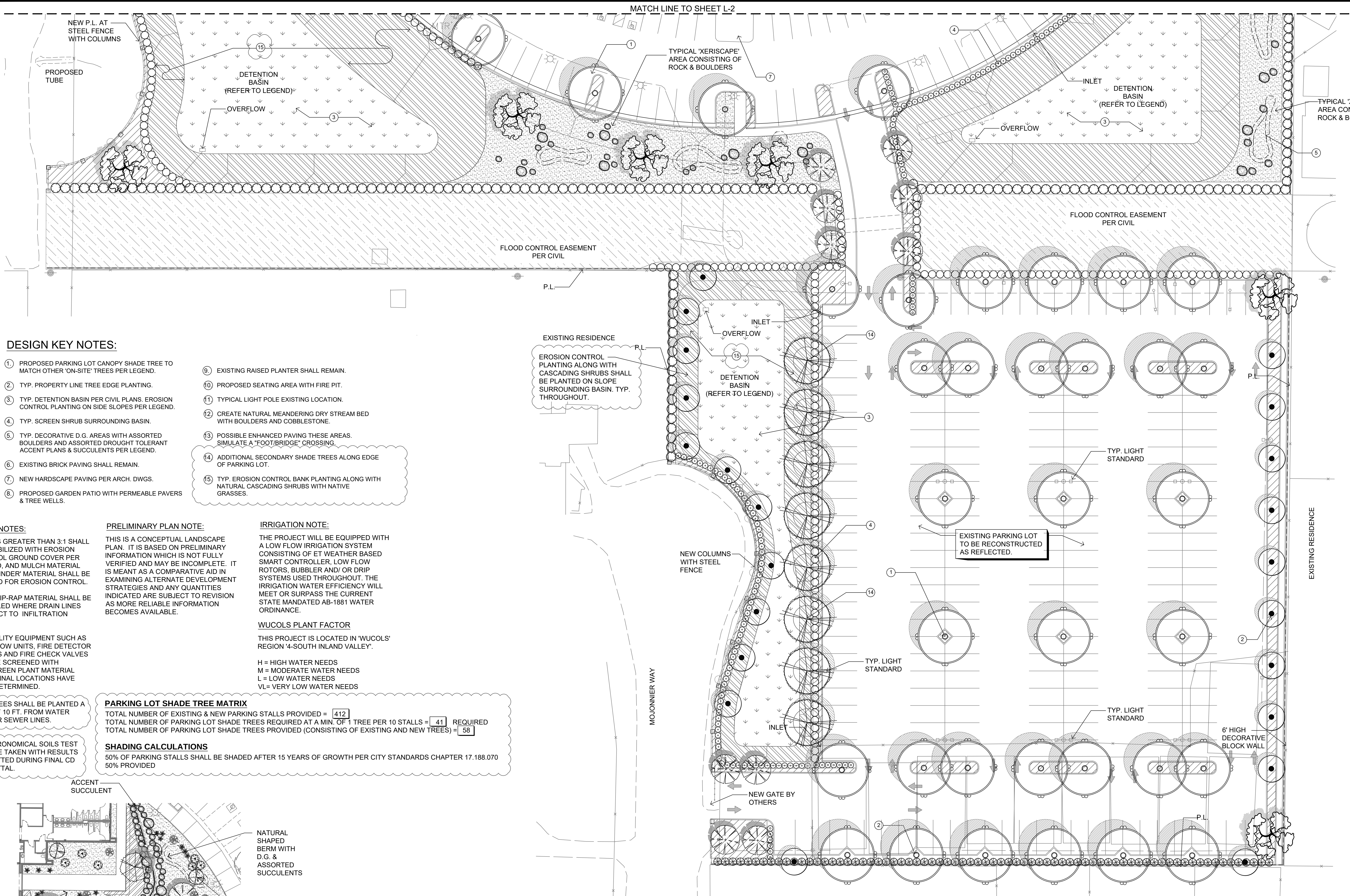
21591 LEMON ST.
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APN: 366-170-058 & 005, 366-330-011

8/21/19
CIVIL UPDATES & CITY COMMENTS
10/18/19
CITY COMMENTS

CHECKED: SP
DRAWN: AP
JOB #

SHEET TITLE
**PRELIMINARY
PLANTING
PLAN**

L-3
3 OF 4 SHEETS



DESIGN KEY NOTES:

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THIS IS A CONCEPTUAL LANDSCAPE PLAN. IT IS BASED ON PRELIMINARY INFORMATION WHICH IS NOT FULLY VERIFIED AND MAY BE INCOMPLETE. IT IS MEANT AS A COMPARATIVE AID IN EXAMINING ALTERNATE DEVELOPMENT STRATEGIES AND ANY QUANTITIES INDICATED ARE SUBJECT TO REVISION AS MORE RELIABLE INFORMATION BECOMES AVAILABLE.

IRRIGATION NOTE:

THE PROJECT WILL BE EQUIPPED WITH A LOW FLOW IRRIGATION SYSTEM CONSISTING OF ET WEATHER BASED SMART CONTROLLER, LOW FLOW ROTORS, BUBBLER AND/OR DRIP SYSTEMS USED THROUGHOUT. THE IRRIGATION WATER EFFICIENCY WILL MEET OR SURPASS THE CURRENT STATE MANDATED AB-1881 WATER ORDINANCE.

WUCOLS PLANT FACTOR

THIS PROJECT IS LOCATED IN 'WUCOLS' REGION '4-SOUTH INLAND VALLEY'.

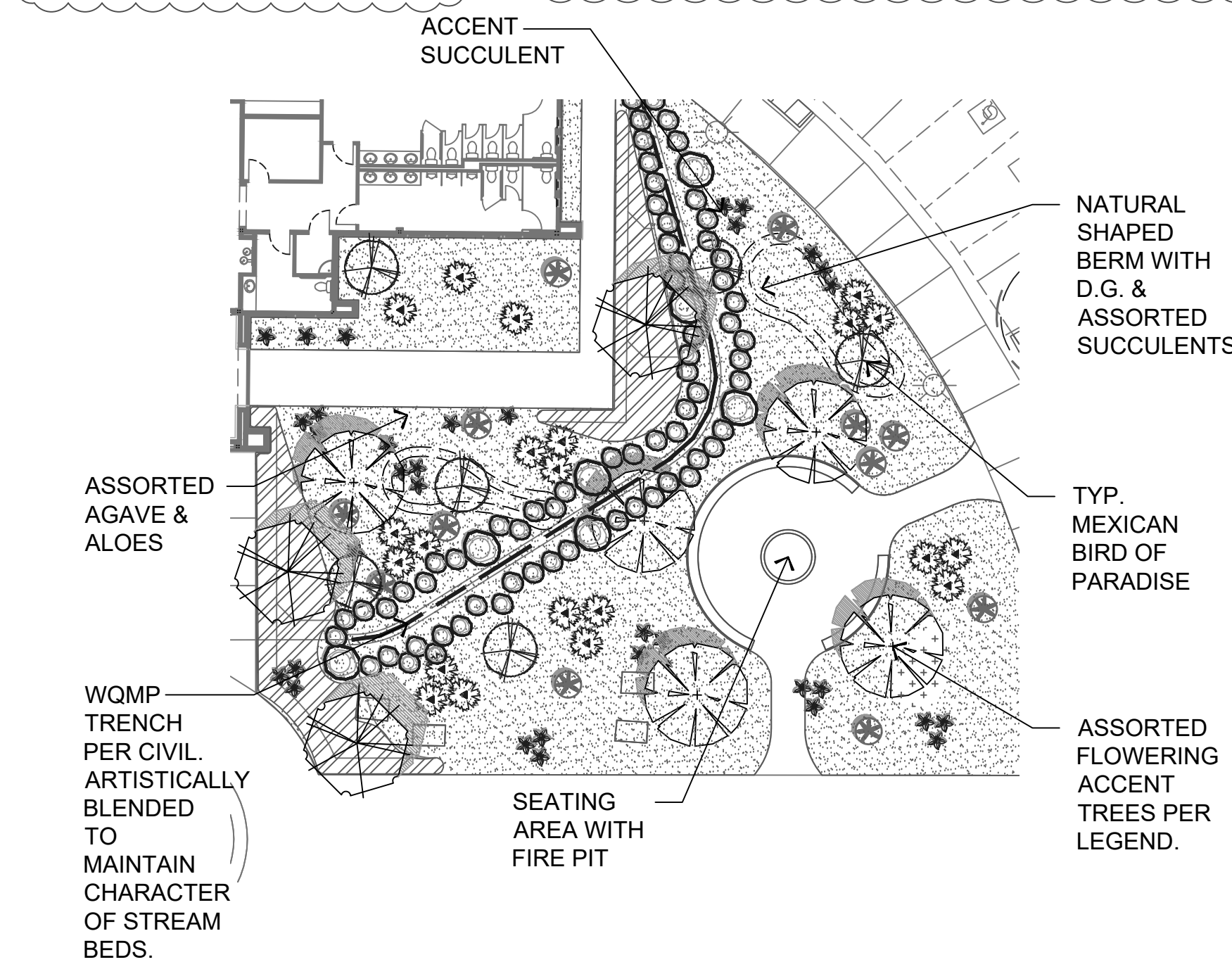
H = HIGH WATER NEEDS
M = MODERATE WATER NEEDS
L = LOW WATER NEEDS
VL = VERY LOW WATER NEEDS

PARKING LOT SHADE TREE MATRIX

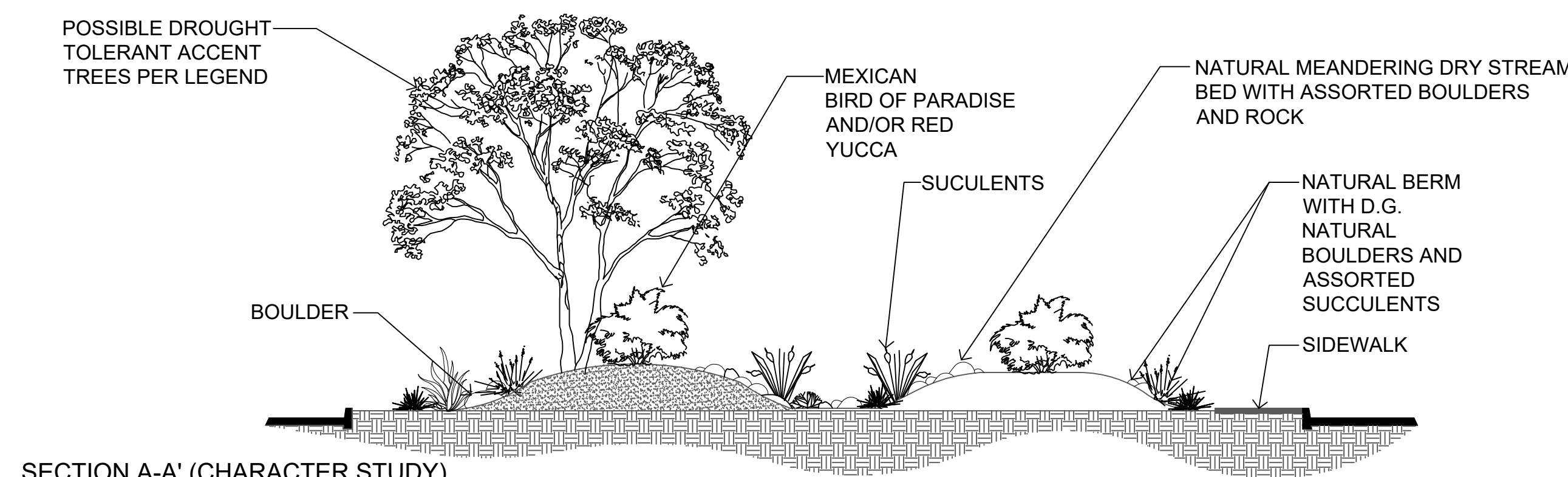
TOTAL NUMBER OF EXISTING & NEW PARKING STALLS PROVIDED = 412
TOTAL NUMBER OF PARKING LOT SHADE TREES REQUIRED AT A MIN. OF 1 TREE PER 10 STALLS = 41
REQUIRED
TOTAL NUMBER OF PARKING LOT SHADE TREES PROVIDED (CONSISTING OF EXISTING AND NEW TREES) = 58

SHADING CALCULATIONS

50% OF PARKING STALLS SHALL BE SHADED AFTER 15 YEARS OF GROWTH PER CITY STANDARDS CHAPTER 17.188.070
50% PROVIDED

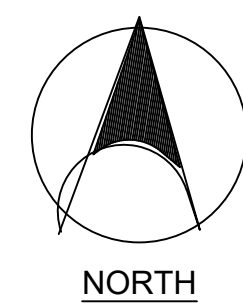


ENLARGEMENT 'A' (TYP. PLANTING THEME - D.G. W/ BOULDERS, ASSORTED ACCENT SUCCULENTS, & DROUGHT TOLERANT PLANTS)
SCALE: 1" = 20'-0"



SECTION A-A' (CHARACTER STUDY)
SCALE: 1/8" = 1'-0"

REFER TO SHEET L-4
FOR PLANTING LEGEND.



0 20' 40' 60'
SCALE: 1" = 20'-0"

CIVIL	McKEEVER
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRICAL	-
ARCHITECT	CHARLES J. BROWN
FIRE PROTECTION	-
SOILS ENGINEER	-
MATERIAL HANDLING	-

PRELIMINARY LANDSCAPE RENOVATIONS FOR
ST. FRANCES OF ROME CATHOLIC CHURCH

21591 LEMON ST.
WILDOMAR, CA 92595
APN: 366-170-058 & 005, 366-330-011

APN: 366-170-058 & 005, 366-330-011

1

- ① PROPOSED PARKING LOT CANOPY SHADE TREE TO MATCH OTHER 'ON-SITE' TREES PER LEGEND.
- ② TYP. PROPERTY LINE TREE EDGE PLANTING.
- ③ TYP. DETENTION BASIN PER CIVIL PLANS. EROSION CONTROL PLANTING ON SIDE SLOPES PER LEGEND.
- ④ TYP. SCREEN SHRUB SURROUNDING BASIN.
- ⑤ TYP. DECORATIVE D.G. AREAS WITH ASSORTED BOULDERS AND ASSORTED DROUGHT TOLERANT ACCENT PLANTS & SUCCULENTS PER LEGEND.
- ⑥ EXISTING BRICK PAVING SHALL REMAIN.
- ⑦ NEW HARDSCAPE PAVING PER ARCH. DWGS.
- ⑧ PROPOSED GARDEN PATIO WITH PERMEABLE PAVE & TREE WELLS.

9. EXISTING RAISED PLANTER SHALL REMAIN.
10. PROPOSED SEATING AREA WITH FIRE PIT.
11. TYPICAL LIGHT POLE EXISTING LOCATION.
12. CREATE NATURAL MEANDERING DRY STREAM BED WITH BOULDERS AND COBBLESTONE.
13. POSSIBLE ENHANCED PAVING THESE AREAS. SIMULATE A "FOOT/BRIDGE" CROSSING.
14. ADDITIONAL SECONDARY SHADE TREES ALONG EDGE OF PARKING LOT.
15. TYP. EROSION CONTROL BANK PLANTING ALONG WITH NATURAL CASCADING SHRUBS WITH NATIVE GRASSES.

TREES			
SYMBOL	TREE NAME	QTY.	WUCOLS
	POSSIBLE FLOWERING ACCENT TREES SUCH AS: LAGERSTROEMIA I. 'WATERMELON RED', CRAPE MYRTLE ALT: CERCIDIUM X 'DESERT MUSEUM', PALO VERDE 24" BOX SIZE.	50	L
	SMALL ACCENT TREE TO BE INTRODUCED ALONG SLOPE SUCH AS CERCIS OCCIDENTALIS, WESTERN REDBUD 24" BOX SIZE.	15	M
	NEW PARKING LOT SHADE TREE TO MATCH OTHER EXISTING TREES ULMUS PARVIFOLIA, EVERGREEN ELM 24" BOX SIZE.	38	L
	PROPERTY LINE TREE TRISTANIA CONFERTA, BRISBANE BOX 15 GAL. SIZE. ALT: QUERCUS ILEX, HOLLY OAK	22	M
	CA NATIVE TREE QUERCUS AGRIFOLIA, COAST LIVE OAK 24" BOX SIZE	9	L
	SECONDARY SHADE TREE GEIJERA PARVIFLORA, AUSTRALIAN WILLOW 15 GAL. SIZE	8	L
	EXISTING TREES SHALL REMAIN. PROTECT IN PLACE. VERIFY IN FIELD. NOTE: PRUNE & CLEAN TREES AS REQUIRED.		
	EXISTING TREES TO BE REMOVED UNLESS OTHERWISE STATED. WILL BE ANALYZED & REFLECTED ON FINAL CD'S.		

SYMBOL	SHRUB NAME	WUCOLS
	DODONAEA VISCOSA 'PURPUREA', HOPSEED BUSH 5 GAL. SIZE @ 60" O.C.	M
	LEUCOPHYLLUM FRUTESCENS, TEXAS RANGER 5 GAL. SIZE @ 36" O.C.	L
	WESTRINGIA FRUTICOSA, COAST ROSEMARY 5 GAL. SIZE @ 36" O.C.	L
	CALLISTEMON 'LITTLE JOHN', DWARF BOTTLE BRUSH 5 GAL. SIZE @ 36" O.C.	L
	LIGUSTRUM TEXANUM, TEXAS PRIVET 5 GAL. SIZE @ 36" O.C.	M

	TYPE: EROSION CONTROL DROUGHT TOLERANT BANK PLANTING SUCH AS BACCHARIS PILULARIS 'TWIN PEAKS', COYOTE BUSH 1 GAL. SIZE @ 36" O.C.	L
	ROSMARINUS O. 'PROSTRATUS', PROSTRATE ROSEMARY 1 GAL. SIZE @ 24" O.C.	L
	DETENTION BASIN BOTTOM SHALL RECEIVE A HYDROSEED MIX CONSISTING OF THE FOLLOWING: • ACHILLEA MILLEFOLIUM 1.0 LBS/ ACRE • ESCHSCHOLZIA CAESPITOSA 1.0 LBS/ ACRE • JUNCUS BUFONIUS 1.0 LBS/ ACRE • LEYMUS TRITICODIDESRIO 6.0 LBS/ ACRE • DESCHAMPSIA DESPITOSA 4.0 LBS/ ACRE • FESTUCA RUBRA 'MOLATE' 10.0 LBS/ ACRE • HORDEUM BRACHYANTHERUM 6.0 LBS/ ACRE • MUHLENBERGIA RIGENS 1.0 LBS/ ACRE • MUHLENBERGIA MICROSPERMA 3.0 LBS/ ACRE • HORDEUM DEPRESSUM 3.0 LBS/ ACRE ALT: LEAVE AS NATURAL BOTTOM WITH NATIVE SOIL.	M

NATURAL ———
UNDULATING BERM
LOCATED IN KEY
AREAS

NEW DECOMPOSED GRANITE WITH AN ASSORTMENT OF SUCCULENTS AND BOULDERS
SUCCULENTS SHALL CONSIST OF:

- * HESPERALOE PARVIFLORA, RED YUCCA
- * AGAVE AMERICANA, CENTURY AGAVE
- * AGAVE 'BLUE GLOW', BLUE GLOW AGAVE
- * ALOE STRIATA, CORAL ALOE
- * CAESALPINIA SPP., MEXICAN BIRD OF PARADISE
- * BOUGAINVILLEA 'TORCH GLOW' (GROUND COVER)

REPRESENTS A NATURAL MEANDERING "DRY STREAM" BED STRATEGICALLY SPOTTED IN THE FIELD TO CREATE A VISUAL INTEREST AND POSSIBLY LINK ASSORTED SUCCULENT PLANTING POCKETS TOGETHER. STREAM BED SHALL CONSIST OF DECORATIVE NATURAL GRANITE BOULDERS WITH VARIOUS SIZE COBBLESTONE.

EXISTING LANDSCAPE SHALL REMAIN. SUPPLEMENTAL PLANTING AS REQUIRED

POCKETS OF DROUGHT TOLERANT COLOR PLANTING SUCH AS VERBENA SPECIES.

NOTES:
 * A DECORATIVE D.G. WILL BE USED THROUGHOUT ALL PLANTING AREAS.
 * A 3" DEPTH OF SHREDDED BARK MULCH SHALL BE APPLIED TO ALL PLANTING AREAS EXCLUDING DG AREAS AS DEPICTED ON PLANTING PLAN.

1. THE IRRIGATION SYSTEM WILL BE DESIGNED UTILIZING 'STATE OF THE ART' IRRIGATION EQUIPMENT SUCH AS MULTIPLE START TIMES FOR CONTROLLERS, ET BASED MASTER CONTROLLERS, 'RAIN SHUT OFF' DEVICE @ CONTROLLERS, PRESSURE AND REGULATING VALVE & LOW FLOW IRRIGATION BUBBLER HEADS FOR TREES UTILIZING DRIP SYSTEMS WHERE APPROPRIATE.

2. THIS LANDSCAPE DESIGN GROUPS PLANTS WITH SIMILAR WATER NEEDS TOGETHER INTO DISTINCT HYDROZONES OF VERY LOW, LOW & MEDIUM WATER USE AREAS. MINIMUM HIGH WATER USE PLANT MATERIALS SUCH AS LAWN OR SEASONAL COLOR BEDS WILL BE USED IN THIS PROJECT. THE LOWER HYDROZONES WHICH ARE MADE UP OF DROUGHT TOLERANT PLANT SPECIES COMPRISES 85% OF THE TOTAL LANDSCAPE AREA. THE IRRIGATION SYSTEM HAS BEEN DESIGNED TO GROUP SIMILAR HYDROZONES WITHIN THE SAME IRRIGATION VALVE. IN ADDITION A MINIMUM OF 2" LAYER WOOD FIBER MULCH AND/OR DECORATIVE D.G. WILL BE USED OVER THE ENTIRE SHRUB AREAS TO RETAIN SOIL MOISTURE.

PROJECT: ST. FRANCIS OF ROME
PROJECT LOCATION: WILDOMAR, CA
LANDSCAPE ARCHITECT: SCOTT PETERSON, A.S.L.A.

NOTE:
PRELIMINARY WATER USE CALCULATIONS SHALL COMPLY WITH THE CITY OF
WILDOMAR IRRIGATION GUIDELINES AND CALIFORNIA ORDINANCE AB 1881.

Reference Evapotranspiration (ET ₀)					57.33		
Hydrozone Plant type	Plant Factor	Irrigation Method	Irrigation Efficiency	ETAF (PF/IE)	Landscape Area sq.ft.	ETAF x Area	Estimated Total Water Use (ETWU)
Regular Landscape Areas							
Low	0.25	Drip	0.81	0.31	47,896	14,782.72	525,446
Moderate	0.35	Drip	0.81	0.43	5,372	2,321.23	82,507
Moderate	0.35	Bubbler	0.85	0.41	6,044	2,488.71	88,460
V. Low	0.2	Emitter	0.85	0.24	58,066	13,662.59	485,631
Basin	0	Non-Irrg	1	0.00	22,550	0.00	0
Totals					139,928	18,472.53	1,182,044
Special Landscape Areas							
				Totals	0		
						ETWU Total	1,182,044
MAWA (Annual Gallons Allowed) = ET ₀ x 0.62 x ETAF x Area					MAWA		2,238,158
ETWU must be less than MAWA					Difference		1,056,114
Regular Landscape Areas							
Total ETAF x Area		18,472.53					
Total Area		139,928					
Average ETAF		0.13					
All Landscape Areas							
Total ETAF x Area		18,472.53					
Total Area		139,928					
Site Average ETAF		0.13					

SITE AREA APPROX.	= 457,503 S.F.
TOTAL LANDSCAPE AREA APPROX.	= 209,685 S.F.
LANDSCAPE RENOVATION AREA APPROX.	= 117,885 S.F.
NEW LANDSCAPE AREA APPROX.	= 22,043 S.F.

NOTE:
ALL SHRUBS SHALL BE A MINIMUM OF 5 GAL. SIZE.



DIG ALERT

DIAL TOLL FREE
811
UNDERGROUND SERVICE
ALERT OF SOUTHERN
CALIFORNIA

