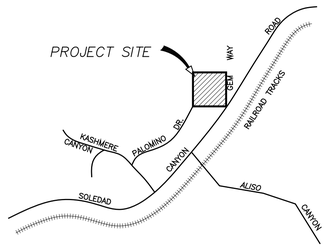
Acton Faith Bible Church

Acton, California

Phase I

1. ALL INTERIOR WALLS TO RECEIVE 5/8" GYP. BD. (SMOOTH FINISH WITH NO TOOL MARKS.)
2. INSULATE ALL WALLS WITH R-19 BATT. UNLESS NOTED OTHERWISE.
3. ALL DUCTS WHICH PENETRATE OCCUPANCY OR AREA SEPARATION WALLS SHALL HAVE FIRE DAMPERS.
4. CORRIDORS MUST PROVIDE CONTINUOUS PROTECTION TO THE EXTERIOR OF THE BUILDING.
5. DOOR HARDWARE SHALL BE OF THE LEVER OR PUSH TYPE, MOUNTING HEIGHT 40" ABOVE FINISH FLOOR AND BE OPERABLE WITH A MAXIMUM EFFORT OF 8.5 LBS. FOR EXTERIOR DOORS AND 5 LBS. FOR INTERIOR DOORS.
6. THE LOWER 10" OF THE DOOR SHALL BE OF SMOOTH, PLANE SURFACE (NO RECESS OR TRAP).
7. PROVIDE ALL NECESSARY BLOCKING, BACKING AND FRAMING FOR LIGHT FIXTURE, ELECTRIC UNITS, A.C. EQUIPMENT AND ALL OTHER ITEMS AS REQUIRED.
8. DOORWAYS SHALL HAVE 32" MINIMUM CLEAR OPENING WIDTH.
9. THERE SHALL BE A LEVEL AREA WITH 60" CLEAR DEPTH IN THE DIRECTION OF THE DOOR SWING, AND A LEVEL AREA WITH 44" CLEAR DEPTH IN OPPOSITE DIRECTION OF DOOR SWING.
10. SINGLE ACCOMMODATION TOILET FACILITIES
    a) WATER CLOSET SHALL BE LOCATED 28" FROM A FIXTURE AND 18" FROM A WALL.
    b) MINIMUM CLEAR SPACE IN FRONT OF WATER CLOSET SHALL BE 48".
11. GRAB BARS AT WATER CLOSET
    a) ONE AT SIDE 42" LONG EXTENDING 24" IN FRONT OF WATER CLOSET: ONE AT REAR 36" LONG CENTERED ON WATER CLOSET.
    b) BARS SHALL BE 1-1/4" TO 1-1/2" IN DIAMETER WITH 1-1/2" CLEARANCE TO WALL.
    c) BAR FASTENERS AND MOUNTING SUPPORT SHALL BE ABLE TO SUPPORT A 250 LB. POINT LOAD
12. WATER CLOSET
    a) CONTROLS SHALL BE OPERABLE WITH ONE HAND, AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
    b) CONTROLS FOR THE FLUSH VALVES SHALL BE MOUNTED ON THE WIDE SIDE OF TOILET AREAS, NO MORE THAN 44" ABOVE THE FLOOR.
    c) THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. FORCE.
13. LAVATORIES
    a) PROVIDE 30" X 48" CLEAR FLOOR SPACE FOR FORWARD APPROACH.
    c) HOT WATER AND DRAIN PIPES UNDER LAVATORIES SHALL BE INSULATED.
    d) FAUCET CONTROLS AND OPERATING MECHANISM (OPERABLE WITH ONE HAND) SHALL BE OF THE TYPE NOT REQUIRING TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST (SUCH AS LEVER-OPERATED) AND AN OPERATING FORCE NOT EXCEEDING 5 LBS.
    e) IF SELF-CLOSING VALVES ARE USED, THEY SHALL REMAIN OPEN FOR AT LEAST 10 SECONDS.
14. TOILET ROOM ACCESSORIES
    a) MIRROR BOTTOM EDGE SHALL BE LOCATED 40" MAX. ABOVE FLOOR.
    b) TOILET TISSUE DISPENSERS SHALL BE MOUNTED WITHIN 12" FROM THE FRONT EDGE OF TOILET SEAT.
    c) OPERATING PARTS OF DISPENSING AND DISPOSAL FIXTURES (TOWELS, WASTE, COIN SLOTS, ETC.) SHALL BE WITHIN 40" OF FLOOR.
15. SANITARY FACILITIES IDENTIFICATION
    a) ON DOORWAYS LEADING TO SANITARY FACILITIES THE SYMBOLS TO BE PROVIDED ARE 12" EQUILATERAL TRIANGLE FOR MEN, 12" DIA. CIRCLE FOR WOMEN, AND 1/4" THICK, CENTERED ON DOOR, 60"H AND CONTRASTING COLOR. UNISEX FACILITIES SHALL BE IDENTIFIED BY THE CIRCLE WITH TRIANGLE SUPERIMPOSED WITHIN THE CIRCLE.
16. PROVIDE EXIT SIGNS FOR ALL ROOMS OR AREAS THAT REQUIRE TWO EXITS. PROVIDE BACKUP POWER FOR THE SIGNS FROM STORAGE BATTERIES (CODE SECTION 1011.6.3) SEE ELECTRICAL DRAWINGS.
17. HARDWARE: PROVIDE PANIC HARDWARE AND CLOSERS AT DOORS REQUIRED BY BUILDING CODE. CONTRACTOR TO COORDINATE ALL KEYING WITH THE OWNER.

SPECIFIC NOTES



VICINITY MAP

SCALE: NONE

1. THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, THE DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS AND THE TYPE OF STRUCTURAL, MECHANICAL, ELECTRICAL SYSTEMS, ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. DECISIONS TO THE ARCHITECT AS TO THE ITEMS OF WORK INCLUDED WITHIN THE SCOPE OF THESE DOCUMENTS SHALL BE FINAL AND BINDING TO THE CONTRACTOR.
2. ALL CONSTRUCTION AND MATERIALS SHALL BE AS SPECIFIED AND AS REQUIRED BY THE CURRENT EDITION OF THE LOS ANGELES COUNTY BUILDING CODE, LOCAL CODES AND AUTHORITIES. ALL NEW CONSTRUCTION SHALL COMPLY WITH TITLE 24, AND ADA REQUIREMENTS.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS BEFORE STARTING WORK. SHOULD A DISCREPANCY APPEAR ON THE DRAWING, OR IN THE WORK DONE BY OTHERS, NOTIFY THE ARCHITECT AT ONCE FOR INSTRUCTION ON HOW TO PROCEED. IF THE CONTRACTOR PROCEEDS WITH THE WORK AFFECTED WITHOUT INSTRUCTIONS FROM THE ARCHITECT, THE CONTRACTOR SHALL MAKE GOOD AND RESULTING DAMAGE OR DEFECT TO THE SATISFACTION OF THE ARCHITECT. SHOULD A CONFLICT OCCUR IN OR BETWEEN DRAWINGS AND SPECIFICATIONS, OR WHERE DETAIL REFERENCES ON CONTRACT DRAWINGS HAVE BEEN OMITTED, THE CONTRACTOR IS DEEMED TO HAVE ESTIMATED THE MOST EXPENSIVE MATERIALS AND CONSTRUCTION METHOD INVOLVED, UNLESS A WRITTEN DECISION FROM THE ARCHITECT HAS BEEN OBTAINED WHICH DESCRIBES AND ALTERNATE METHOD AND/OR MATERIALS.
4. THE CONTRACTOR SHALL CONFINE HIS OPERATIONS ON THE SITE TO AREAS PERMITTED BY THE OWNER. THE WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE LAWS, LOCAL ORDINANCES, PERMITS AND THE CONTRACT DOCUMENTS. THE JOB SITE SHALL BE MAINTAINED IN A CLEAN, ORDERLY CONDITION FREE OF DEBRIS AND LITTER, AND SHALL NOT BE UNREASONABLY ENCUMBERED WITH ANY MATERIALS OR EQUIPMENT. EACH SUB-CONTRACTOR IMMEDIATELY UPON COMPLETION OF EACH PHASE OF HIS WORK SHALL REMOVE ALL TRASH AND DEBRIS AS A RESULT OF HIS OPERATION.
5. ALL MATERIAL SHORED ON THE SITE SHALL BE PROPERLY STACKED AND PROTECTED TO PREVENT DAMAGE AND DETERIORATION UNTIL USE. FAILURE TO PROTECT MATERIALS MAY BE CAUSE FOR REJECTION OF THE WORK.
6. THE CONTRACTOR SHALL DO ALL CUTTING, FITTING OF PATCHING OF HIS WORK THAT MAY BE REQUIRED TO MAKE ITS PARTS FIT TOGETHER PROPERLY AND SHALL NOT ENDANGER ANY OTHER WORK BY CUTTING, EXCAVATING, OR OTHERWISE ALTERING THE TOTAL WORK OR ANY PART OF IT. ALL PATCHING, REPAIRING AND REPLACING OF MATERIALS AND SURFACES, CUT OR DAMAGED IN EXECUTION OF WORK, SHALL BE DONE WITH APPLICABLE MATERIAL SO THAT SURFACES REPLACED WILL UPON COMPLETION MATCH SURROUNDING SIMILAR SURFACES.
7. NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OR SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN APPROVED BY THE ARCHITECT. ALL SUCH PORTIONS OF THE WORK SHALL BE IN ACCORDANCE WITH APPROVED SHOP DRAWINGS AND SAMPLES.
8. DIMENSIONS:
    a) ALL DIMENSIONS SHALL HAVE PREFERENCE OVER SCALE.
    b) ALL DIMENSIONS ARE TO FACE OF STRUCTURE UNLESS OTHERWISE NOTED.
    c) CEILING HEIGHT DIMENSIONS ARE FROM FINISH FLOOR SLAB TO FACE OF CEILING.
9. ALL LEGAL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. EXIT SIGNS SHALL BE PROVIDED AT ALL EXITS AS REQUIRED BY CODE. ALL DOORS SERVING AN OCCUPANT LOAD OF 50 OR MORE SHALL SWING IN THE DIRECTION OF EXIT OR AS REQUIRED BY CODE.
10. INTERIOR FINISHES SHALL BE OF CLASS 2 FLAME SPREAD RATING MIN.
11. PROVIDE FIRE EXTINGUISHERS PER THE REQUIRMENTS OF LOCAL FIRE DEPT.
12. THE STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CHECK WITH THE ARCHITECTURAL DRAWINGS BEFORE THE INSTALLATION OF STRUCTURAL, MECHANICAL AND ELECTRICAL WORK. ANY DISCREPANCEY BETWEEN THE ARCHITECTURAL AND THE CONSULTING ENGINEER(S) DRAWINGS, SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE GENERAL CONTRACTOR AT HIS OWN EXPENSE, AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
13. THESE DOCUMENTS FOR CONSTRUCTION, ALTHOUGH PREPARED WITH GREAT CARE AND APPROPRIATE DILIGENCE, MAY REPRESENT IMPERFECT INFORMATION AND MAY CONTAIN CODE VIOLATIONS, ERRORS, OMISSIONS, CONTRADICTIONS AND IMPROPER USES OF MATERIALS. THE CONTRACTOR SHALL REVIEW THIS DOCUMENT PACKAGE THOROUGHLY AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY UPON ANY SUCH DISCOVERY. ANY DECIDIENT ARCHITECTURAL/ENGINEERING SERVICES WILL BE PROMPTLY CORRECTED WHEN IDENTIFIED.
14. THE ENTIRE BUILDING SHALL BE EQUIPPED WITH AN APPROVED AUTOMATIC FIRE EXTINGUISHING SPRINKLER SYSTEM AND SMOKE DETECTORS.
15. CONTRACTOR SHALL MAINTAIN THE MAXIMUM NUMBER OF REQUIRED EXITS AND THEIR SEPARATION UNTIL EGRESS IS PROVIDED FROM THE STRUCTURE.
16. CONSTRUCTION IN THE PUBLIC RIGHT OF WAY AND PROJECTIONS BEYOND THE PROPERTY LINES OR INTO ALLEYS SHALL COMPLY WITH COUNTY OF LOS ANGELES BUILDING CODE CHAPTER 32.
17. PEDESTRIANS SHALL BE PROTECTED DURING CONSTRUCTION, REMODELING AND DEMOLITION ACTIVITIES AS REQUIRED BY LOS ANGELES COUNTY BUILDING CODE CHAPTER 32.
18. PLUMBING FIXTURES SHALL BE PROVIDED IN ACCORDANCE WITH CHAPER 4 OF THE COUNTY OF LOS ANGELES PLUMBING CODE.
19. MATERIALS EXPOSED WITHIN DUCTS AND PLENUMS SHALL BE NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF < 25 AND A SMOKE DEVELOPED INDEX OF < 50.
20. AT THE TIME OF ROUGH INSTALLATION, OR DURING STORAGE ON THE CONSTRUCTION SITE AND UNTIL FINAL STARTUP OF THE HEATING AND COOLING EQUIPMENT, ALL DUCT AND OTHER RELATED AIR DISTRIBUTION COMPONENT OPENINGS SHALL BE COVERED WITH TAPE, PLASTIC, SHEET METAL, OR OTHER ACCEPTABLE METHODS TO REDUCE THE AMOUNT OF DUST OR DEBRIS WHICH MAY COLLECT IN THE SYSTEM.

GENERAL NOTES

A_t = 6000 SF (FROM TABLE 503)
F = 105'
P = 570'
W = 64

$$I_f = \frac{[105/570 - 0.25(64/50)]}{} = -0.14$$

I_s = 3

A_a = 6000 + [(6000)(-0.14)] + [(6000)(3)]

= 23,160 SF ALLOWED, 14,998 SF PROPOSED THEREFORE OK

AREA JUSTIFICATION

ELEVATION NUMBER / SHEET NUMBER
COLUMN LINE
SECTION NUMBER / SHEET NUMBER
INTERIOR ELEVATION
DETAIL NUMBER / SHEET NUMBER
WALL TYPE
REVISION NUMBER
ROOM NUMBER
DOOR NUMBER
KEY NOTE
WINDOW NUMBER
MATCH LINE

LEGEND

ARCHITECT
HAROLD A. MEIER ARCHITECT
25252 MARKET STREET
NEWHALL, CA 91321
661-288-1081

STRUCTURAL ENGINEER
AXIAL ENGINEERING GROUP
16150 SHERMAN WAY
VAN NUYS, CA 91406
818-902-0200

METAL BUILDING
CBC STEEL BUILDINGS
1700 E. LOUISE AVENUE
LATHROP, CA 95330

MECHANICAL, PLUMBING & ELECTRICAL
E M A CONSULTING ENGINEERS
2277 TOWNSGATE ROAD, SUITE 216
WESTLAKE VILLAGE, CA 91361
805-371-7460

ACOUSTICS, SOUND & THEATRICAL LIGHTING
PAC WEST
521 E. 21st STREET
BAKERSFIELD, CA 93305
661-595-1448

CONSULTANTS

ASSESSOR PARCEL NUMBER:	3208-011-052
LEGAL DESCRIPTION:	9.97 MORE OR LESS ACS BEING OF S1 SW ¼ OF NE ¼ OF NE ¼ OF SEC 31 T 5N R 12W
PROJECT ADDRESS:	32643 GEM WAY
OWNER:	ACTON FAITH BIBLE CHURCH
OWNER ADDRESS:	P. O. BOX 398, ACTON, CA 93510
BUILDING CODE:	2011 COUNTY OF LOS ANGELES BUILDING CODE AND THE GREEN BUILDING CODE.
CONSTRUCTION TYPE:	V - B
OCCUPANCY:	MAIN LEVEL 14,993 SF OCCUPANCY A-3 MEZZANINE LEVEL (FUTURE) 1,504 SF OCCUPANCY A-3 203 PERSONS TOTAL AREA 16,497 SF
OCCUPANT LOAD	1216 PERSONS TOTAL (PRESENT CONDITIONS) 1419 PERSONS TOTAL (FUTURE)
C. U. P.	97141

BUILDING SHALL BE FULLY PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH SEC.903.3.1.1 OF THE LOS ANGELES COUNTY BUILDING CODE & NFPA 13.

FIRE ALARMS AND SMOKE DETECTORS ARE REQUIRED PER CBC AND FIRE CODE.

PROVIDE AN APPROVED MANUAL FIRE ALARM SYSTEM THRU-OUT BUILDING.

BUILDING CODE INFO.

ARCHITECTURAL

A - 0.1.0	COVER SHEET
A - 1.1.0	OVERALL PLOT PLAN
A - 1.1.1	BUILDING SITE PLAN
A - 1.1.2	FIRE DEPT SITE PLAN
A - 1.1.3	BUILDING DRAINAGE PLAN
A - 1.2.0	OVERALL MAIN FLOOR PLAN
A - 1.2.1	EXITING PLAN
A - 1.2.2	SEATING PLAN
A - 1.3.0	OVERALL MEZZ. FLOOR PLAN
A - 1.4.0	ROOF PLAN
A - 2.1.0	ELEVATIONS 1
A - 2.2.0	ELEVATIONS 2
A - 2.3.0	INTERIOR ELEVATIONS 1
A - 2.4.0	INTE RIOR ELEVATIONS 2
A - 2.5.0	INTERIOR ELEVATIONS 3
A - 3.1.0	SECTIONS 1
A - 3.2.0	SECTIONS 2
A - 3.3.0	SECTIONS 3
A - 4.1.1	ENLARGED WEST WING PLAN
A - 4.1.2	ENLARGED EAST WING PLAN
A - 4.1.3	ENLARGED SANCTUARY PLAN
A - 4.1.4	ENLARGED NARTHEX PLAN
A - 4.2.1	WEST WING EQUIP. WELL PLAN
A - 4.2.2	EAST WING EQUIP. WELL PLAN
A - 4.2.3	PROJECTOR ROOM PLAN
A - 4.2.4	ENLARGED MEZZ. PLAN
A - 4.3.1	WEST WING RFLD., CLG. PLAN
A - 4.3.2	EAST WING RFLD., CLG. PLAN
A - 4.3.3	SANCTUARY RFLD., CLG. PLAN
A - 4.3.4	NARTHEX RFLD., CLG. PLAN
A - 4.3.5	PLTFM BK., RM, RFLD., CLG. PLAN
A - 5.1.1	WALL TYPES 1
A - 5.1.2	WALL TYPES 2
A - 5.1.3	WALL TYPES 3
A - 5.2.1	DETAILS 1
A - 5.2.2	DETAILS 2
A - 5.2.3	DETAILS 3
A - 5.2.4	DETAILS 4
A - 5.2.5	DETAILS 5 TRASH ENCLOSURE
A - 6.1.0	ROOM FINISH SCHEDULE
A - 6.2.0	DOOR & HARDWARE SCHEDULE
A - 6.3.0	WINDOW SCHEDULE

STRUCTURAL

SN - 1	GENERAL NOTES
SN - 2	GENERAL NOTES
SDT - 1	TYPICAL DETAILS
SDT - 2	TYPICAL DETAILS
S - 1A	WEST FOUNDATION PLAN
S - 1B	EAST FOUNDATION PLAN
S - 1C	NORTH FOUNDATION PLAN
S - 1D	SOUTH FOUNDATION PLAN
S - 2A	WEST ROOF FRAMING PLAN
S - 2B	EAST ROOF FRAMING PLAN
S - 2C	NORTH ROOF FRAMING PLAN
S - 2D	SOUTH ROOF FRAMING PLAN
S - 3	MEZZANINE SOUTH
SD - 1	FOUNDATION DETAILS
SD - 2	ROOF DETAILS
SD - 3	ROOF DETAILS
SD - 4	DETAILS
SD - 5	ROOF TRUSS ELEV. & DETAILS
SD - 6	ROOF TRUSS ELEV. & DETAILS

METAL BUILDING

1	GENERAL INFORMATION
2	BUILDING PLANS
3	BUILDING PLANS
3A	BUILDING PLANS
4	BUILDING PLANS
5	BUILDING PLANS
6	BUILDING PLANS
7	BUILDING PLANS
8	BUILDING PLANS
9	BUILDING PLANS
10	BUILDING PLANS
10A	BUILDING PLANS
11	BUILDING PLANS
12	BUILDING PLANS
13	BUILDING PLANS
14	BUILDING PLANS
15	BUILDING PLANS
16	BUILDING PLANS
17	BUILDING PLANS
18	BUILDING PLANS
19	BUILDING PLANS
20	BUILDING PLANS
21	BUILDING PLANS

MECHANICAL

M - 1.0	MECH. LEGEND, NOTES & SCHED.
M - 1.1	WEST WING MECH. FLOOR PLAN
M - 1.2	SANCTUARY MECH. FLOOR PLAN
M - 1.3	EAST WING MECH. FLOOR PLAN
M - 1.4	NARTHEX & MEZZ. MECH. PLAN & DET.
M - 1.5	WEST WING ROOF MECH. PLAN
M - 1.6	EAST WING ROOF MECH. PLAN
M - 1.7	PROJ., RM. & SANCT. BACK RM. MECH. PLANS
T 24 - 1	TITLE 24 COMPLIANCE FORMS PART - 1
T 24 -2	TITLE 24 COMPLIANCE FORMS PART - 2
T 24-3	TITLE 24 COMPL. FORMS PART -3 & NOTES

PLUMBING

P - 1.0	PLBG. LEGENDS, NOTES & SCHEDULES
P - 1.1	PLBG. SITE PLAN
P - 1.2	WEST WING WASTE / VENT PLBG. PLAN
P - 1.3	SANCT. PLATFORM WASTE / VENT PLBG PLAN
P - 1.4	EAST WING WASTE / VENT PLBG. PLAN
P - 1.5	WEST WING HOT / COLD WATER PLBG. PLAN
P - 1.6	EAST WING HOT / COLD WATER PLBG. PLAN
P - 1.7	MEZZ. & PROJ. ROOMS PLBG. PLAN
P - 1.8	WEST WING ROOF PLBG. PLAN
P -1.9	EAST WING ROOF PLBG. PLAN
P - 1.10	WASTE / VENT RISER DIAGRAM
P - 1.11	HOT / COLD WATER, GAS PIPING RISER DIAGRAM
P - 2.0	MISC. PLBG. DETAILS

ELECTRICAL

E - 1.0	ELECT. SYM. LIST, FIX. SCHED. SINGLE LINE DIAGRAM & DETAILS
E - 1.1	SITE LIGHTING & POWER PLAN
E - 1.2	WEST WING LIGHTING PLAN
E - 1.3	SANCTUARY LIGHTING PLAN - 1
E - 1.4	SANCTUARY LIGHTING PLAN - 2
E - 1.5	EAST WING LIGHTING PLAN
E - 1.6	WEST WING POWER PLAN
E - 1.7	SANCTUARY MAIN FLOOR POWER PLAN
E - 1.8	EAST WING POWER PLAN
E - 1.9	NARTHEX LIGHTING/ POWER PLAN
E - 1.10	MEZZANINE FLOOR LIGHTING PLAN
E - 1.11	MEZZANINE FLOOR POWER PLAN
E - 1.12	PROJECTOR ROOM LIGHTING & POWER PLAN
E - 1.13	WEST WING ROOF POWER PLAN
E - 1.14	EAST WING ROOF POWER PLAN
E - 2.0	PANEL SCHEDULES & DETAILS
E - 2.1	T -24 INDOOR LIGHTING COMPLIANCE FORMS
E-2.2	T -24 OUTDOOR LIGHTING COMPLIANCE FORMS

ACOUSTIC, LIGHTING & SOUND

LT-1.00	LIGHTING POINTS
LT-1.01	LIGHTING SPECS
LT-1.02	LIGHTING DETAIL
AVL-101	SOUND CONDUITS
AVL-102	SPEAKER LOCATION
AVL-103	LIGHTING
AVL-104	VIDEO
1 of 1	WALL TREATMENT

LANDSCAPE

L-1	LANDSCAPE TITLE SHEET
L-2	LANDSCAPE IRRIGATION PLAN
L-3	LANDSCAPE PLANTING PLAN
L-4	LANDSCAPE DETAILS
L-5	NOTES, SCHEDULES & DETAILS

SHEET INDEX

REVISION	BY

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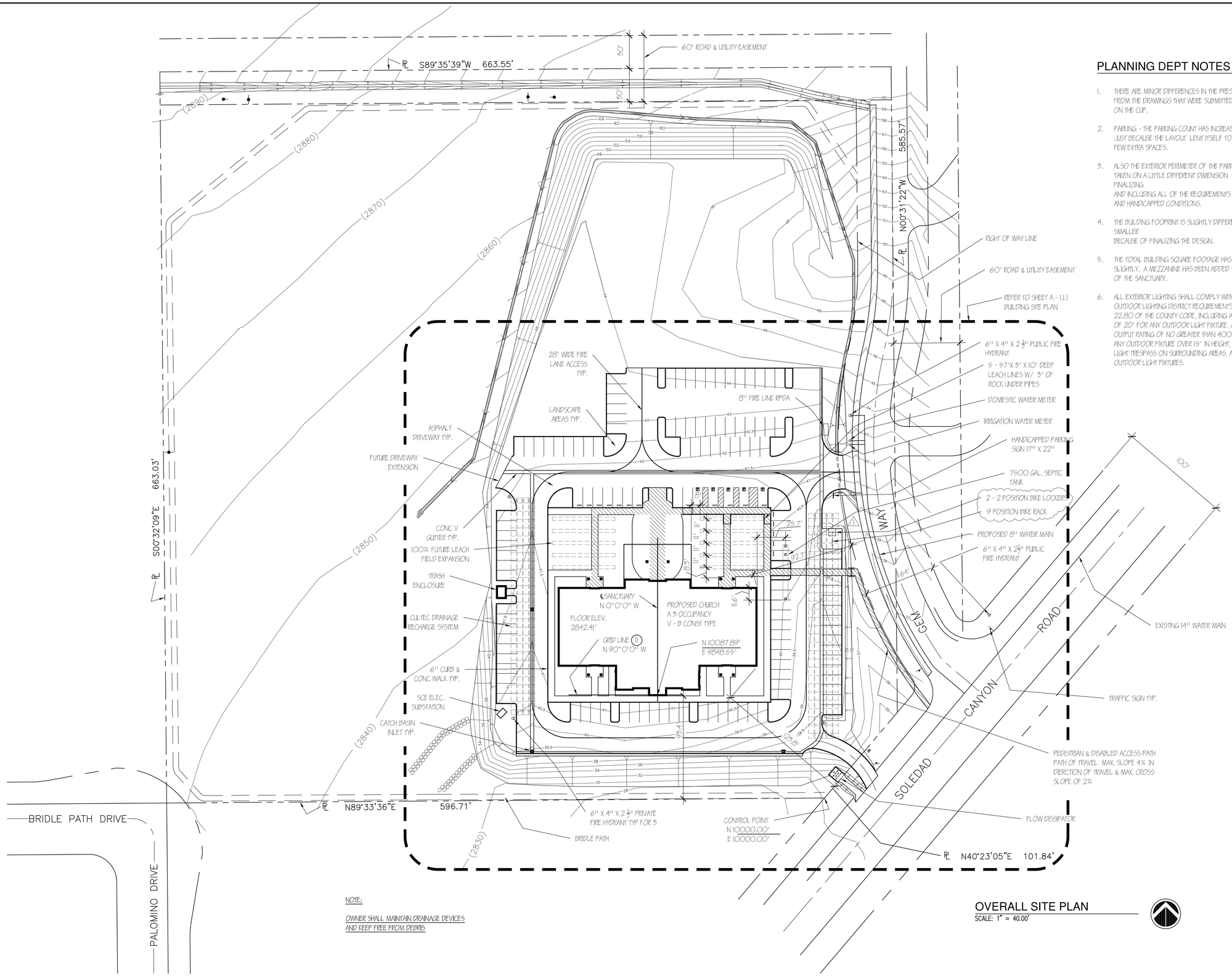
ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1
COVER SHEET

DATE	11-20-12
SCALE	AS NOTED
DRAWN	H. MEIER
JOB	0811801
PERMIT NO.	

A-0.1.0



NOTE:

OWNER SHALL MAINTAIN DRAINAGE DEVICES AND KEEP FREE FROM DEBRIS

OVERALL SITE PLAN
SCALE: 1" = 40.00'

PLANNING DEPT NOTES

1. THERE ARE MINOR DIFFERENCES IN THE PRESENT DRAWINGS FROM THE DRAWINGS THAT WERE SUBMITTED AND APPROVED ON THE CUP.
2. PARKING - THE PARKING COUNT HAS INCREASED SLIGHTLY JUST BECAUSE THE LAYOUT LENT ITSELF TO PROVIDING A FEW EXTRA SPACES.
3. ALSO THE EXTERIOR PERIMETER OF THE PARKING LOT HAS TAKEN ON A LITTLE DIFFERENT DIMENSION DUE TO FINALIZING AND INCLUDING ALL OF THE REQUIREMENTS OF THE FIRE DEPT AND HANDICAPPED CONDITIONS.
4. THE BUILDING FOOTPRINT IS SLIGHTLY DIFFERENT AND SMALLER BECAUSE OF FINALIZING THE DESIGN.
5. THE TOTAL BUILDING SQUARE FOOTAGE HAS INCREASED VERY SLIGHTLY. A MEZZANINE HAS BEEN ADDED TO THE INTERIOR OF THE SANCTUARY.
6. ALL EXTERIOR LIGHTING SHALL COMPLY WITH THE RURAL OUTDOOR LIGHTING DISTRICT REQUIREMENTS OF CHAPTER 22.80 OF THE COUNTY CODE, INCLUDING A MAXIMUM HEIGHT OF 20' FOR ANY OUTDOOR LIGHT FIXTURE, A MAXIMUM OUTPUT RATING OF NO GREATER THAN 400 LUMENS FOR ANY OUTDOOR FIXTURE OVER 15' IN HEIGHT, AVOIDANCE OF LIGHT TRESPASS ON SURROUNDING AREAS, AND SHIELDING OF OUTDOOR LIGHT FIXTURES.

REVISION	BY
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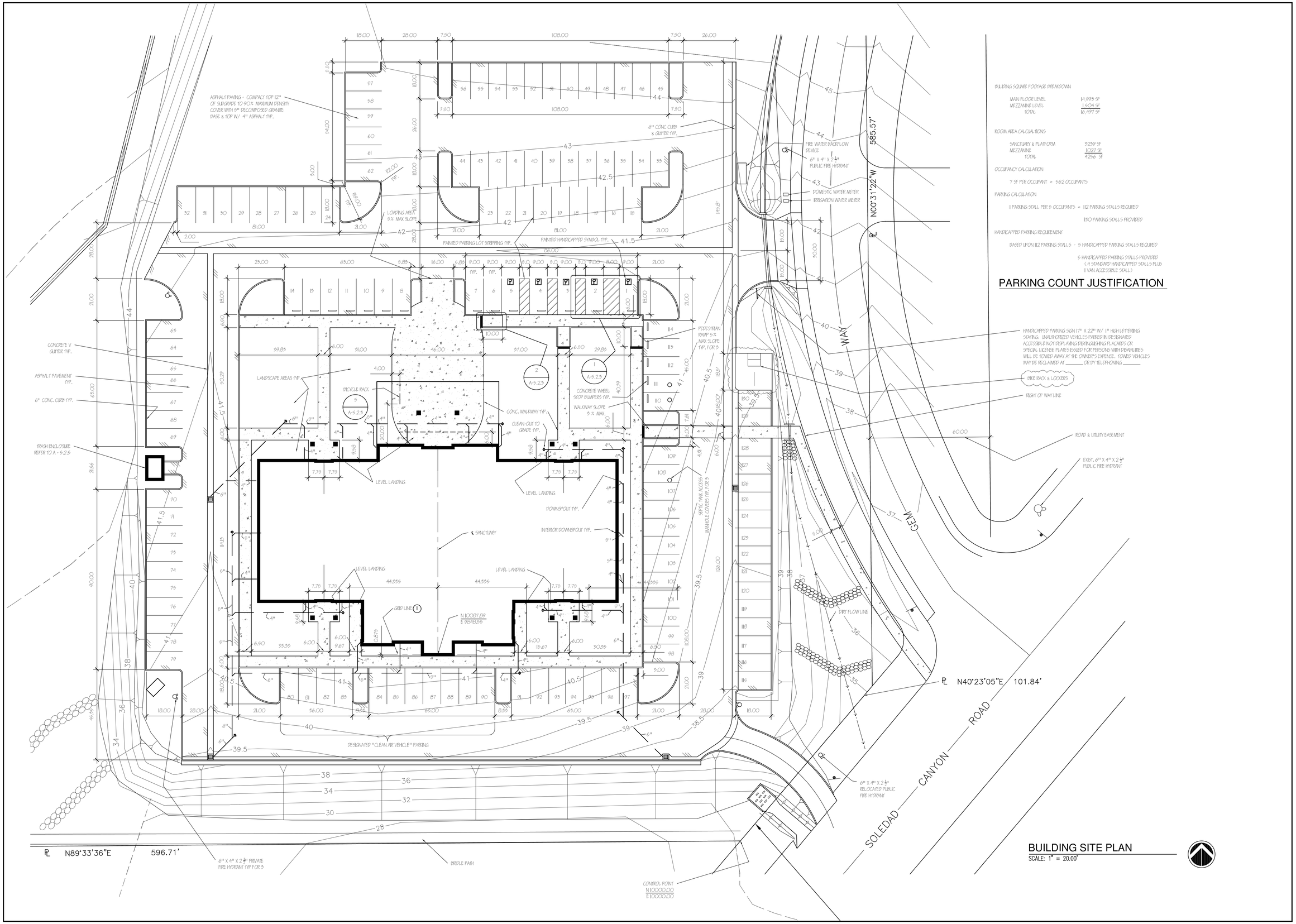
ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1
OVERALL SITE PLAN

DATE	11-20-12
SCALE	AS NOTED
DRAWN	H. MEIER
JOB	0811801
PERMIT NO.	

A-1.1.0



BUILDING SQUARE FOOTAGE BREAKDOWN

MAIN FLOOR LEVEL	14,995 SF
MEZZANINE LEVEL	1,504 SF
TOTAL	16,499 SF

ROOM AREA CALCULATIONS

SANCTUARY & PLATFORM	3,259 SF
MEZZANINE	1,027 SF
TOTAL	4,286 SF

OCCUPANCY CALCULATION

7 SF PER OCCUPANT = 562 OCCUPANTS

PARKING CALCULATION

1 PARKING STALL PER 5 OCCUPANTS = 112 PARKING STALLS REQUIRED

130 PARKING STALLS PROVIDED

HANDICAPPED PARKING REQUIREMENT

BASED UPON 112 PARKING STALLS - 5 HANDICAPPED PARKING STALLS REQUIRED

5 HANDICAPPED PARKING STALLS PROVIDED
(4 STANDARD HANDICAPPED STALLS PLUS 1 VAN ACCESSIBLE STALL)

PARKING COUNT JUSTIFICATION

BUILDING SITE PLAN

SCALE: 1" = 20.00'

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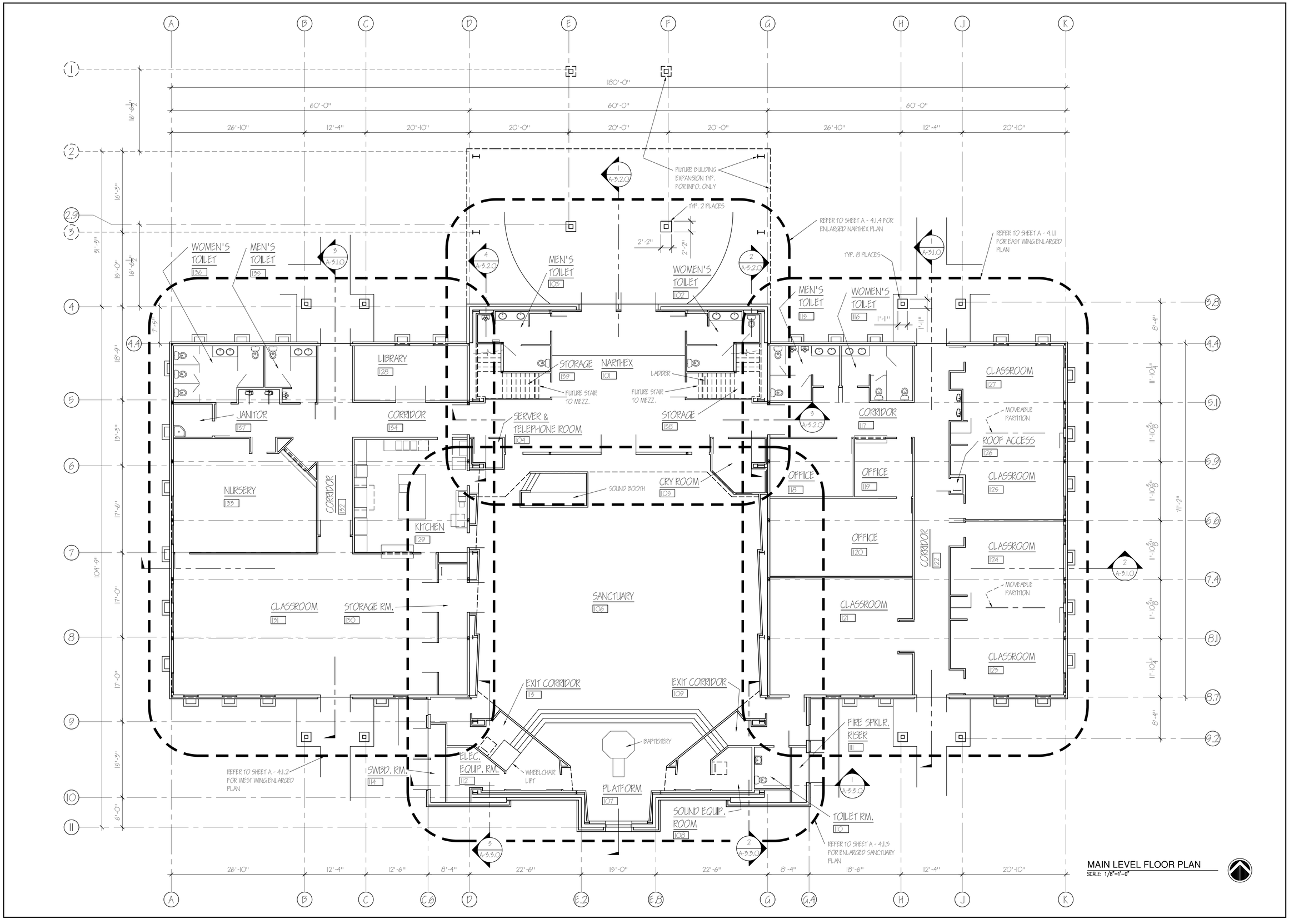
ACTON FAITH BIBLE CHURCH
32843 GEM WAY, ACTON, CA 91350
PHASE 1

BUILDING SITE PLAN

DATE	11-20-12
SCALE	AS NOTED
DRAWN	H. MEIER
JOB	0811801
PERMIT NO.	

A-1.1.1



MAIN LEVEL FLOOR PLAN
SCALE: 1/8"=1'-0"

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ACTON FAITH BIBLE CHURCH
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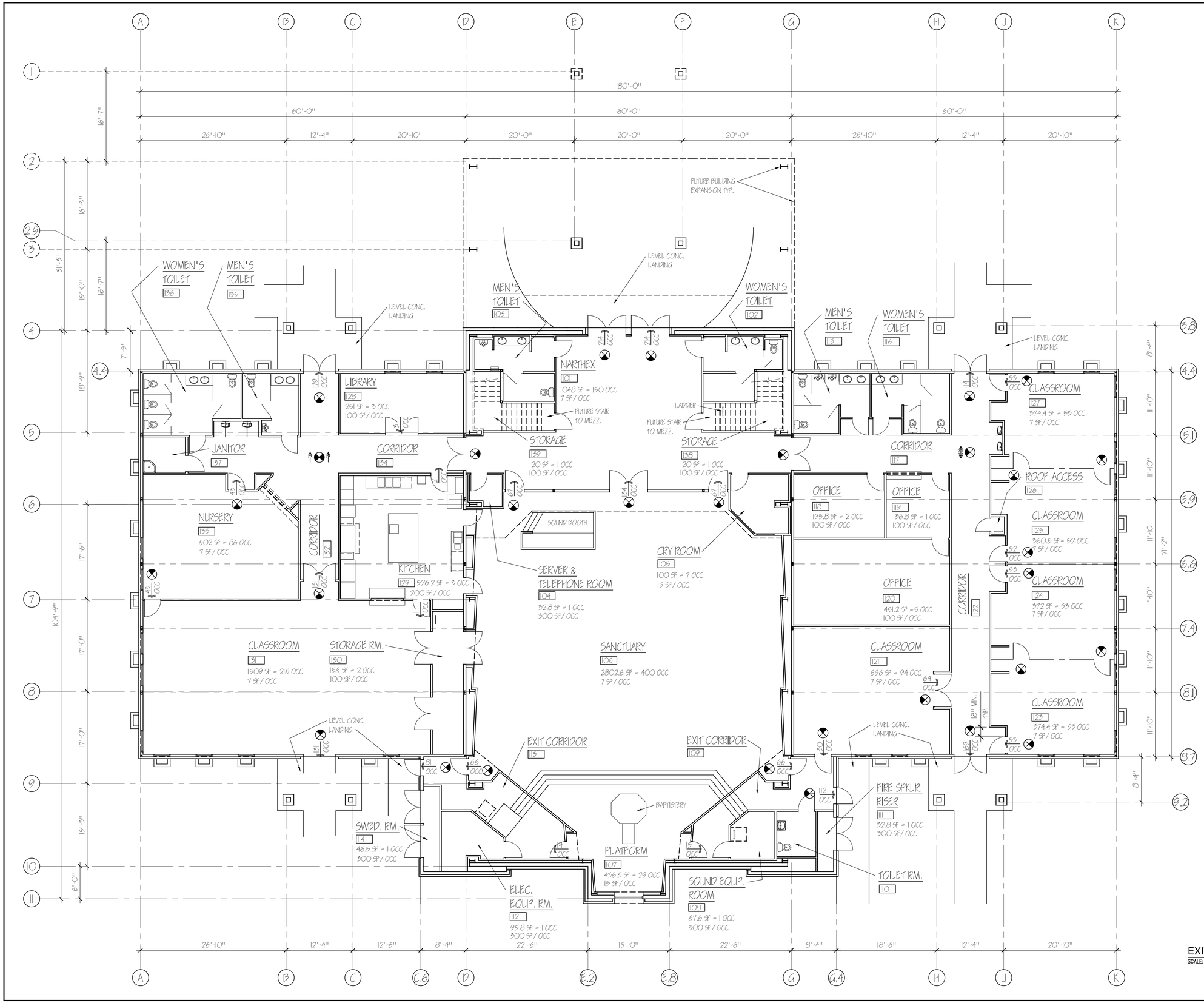
PHASE 1

MAIN LEVEL FLOOR PLAN

DATE	11-20-12
SCALE	AS NOTED
DRAWN	H. MEIER
JOB	0811801
PERMIT NO.	

A - 1.2.0



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

NOTES

1. TOTAL BUILDING OCCUPANT LOAD EQUALS 1216 (1419 PERSONS FUTURE) PERSONS X .2 EQUATES TO TOTAL EXIT WIDTH OF 243" REQUIRED (284" FUTURE). TOTAL EXIT DOOR WIDTH PROVIDED IS 528"
2. GRAPHICS ON EXIT SIGNS SHALL COMPLY WITH SECTION 1011.5.1 OF THE BUILDING CODE.
3. EACH GRADE-LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN COMPLYING WITH CBC SECTION 1011.3
4. EACH EXIT DOOR THAT LEADS TO AN EXTERIOR EXIT BY MEANS OF A CORRIDOR, AN EXIT ENCLOSURE OR AN EXIT PASSAGE WAY AND EVERY EXIT ACCESS DOOR FROM AN INTERIOR ROOM THAT IS REQ'D TO HAVE AN EXIT SIGN SHALL HAVE A TACTILE EXIT SIGN COMPLYING WITH CODE SECTION 11B.703.5.1 #1 & 1011.3 #3 WITH THE WORDS "EXIT ROUTE".
5. MAXIMUM OCCUPANCY SIGNS SHALL BE POSTED IN EACH ASSEMBLY ROOM HAVING AN ASSEMBLY OCCUPANT LOAD OF 50 OR MORE PEOPLE. EACH SIGN SHALL BE CLEARLY LEGIBLE AND PRINTED WITH A CONTRASTING BACKGROUND. THE SIGN SHALL STATE "MAXIMUM ROOM OCCUPANCY _____ PEOPLE". EACH SIGN SHALL BE MOUNTED 5 FT. ABOVE THE FLOOR NEAR THE PRIMARY EXIT.
6. EXIT SIGNS SHALL BE READILY VISIBLE FROM ANY DIRECTION OF EGRESS TRAVEL.
7. EXIT SIGNS SHALL BE LOCATED AS NECESSARY TO CLEARLY INDICATE THE DIRECTION OF EGRESS TRAVEL.
8. EXIT SIGNS SHALL BE INTERNALLY ILLUMINATED AND SHALL BE LISTED IN ACCORDANCE W/ UL 924 AND SHALL BE INSTALLED IN ACCORDANCE W/ MFR'S INSTRUCTIONS AND CHAPTER 27 OF THE BUILDING CODE.
9. ANY TIME THE BUILDING IS OCCUPIED, THE MEANS OF EGRESS SHALL BE ILLUMINATED AT AN INTENSITY OF NOT LESS THAN 1 FOOT CANDLE AT THE WALKING SURFACE LEVEL.
10. EMERGENCY LIGHTING FIXTURES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT CANDLE AND A MIN. AT ANY POINT OF 0.1 FOOT CANDLE MEASURED ALONG THE PATH OF TRAVEL AT FLOOR LEVEL. A MAX. TO MIN. ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.
11. EACH EXIT DOOR THRU A HORIZ. EXIT SHALL BE IDENTIFIED BY "TO EXIT" IN COMPLIANCE W/ CODE SECTION 11B.703.5.1 #1 1011.3 #5.

REVISION	BY

harold a. meier architect
23232 market street newhall california 91321
(661) 288-1081 fax (661) 288-1137

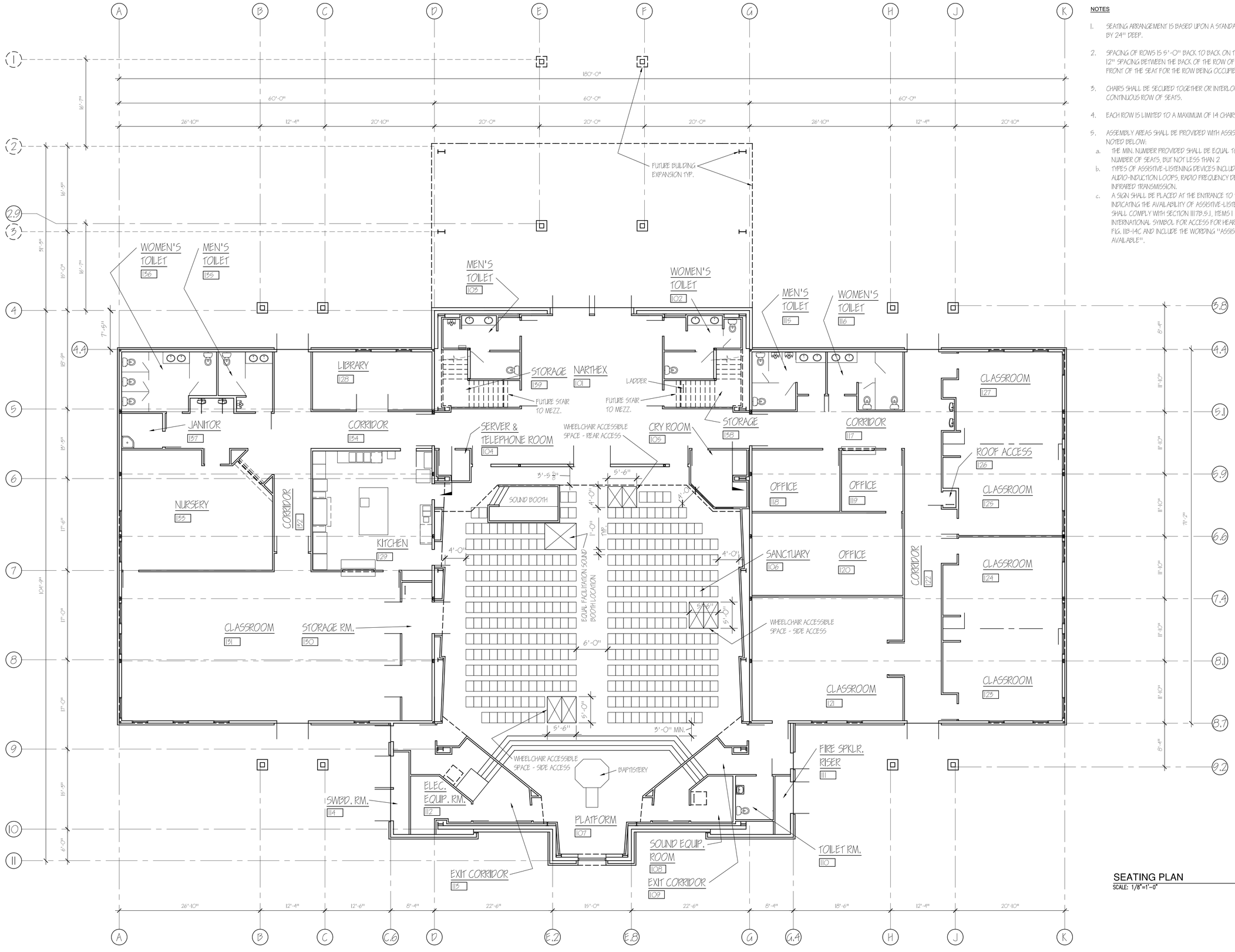
ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1
EXITING PLAN

DATE 11-20-12
SCALE AS NOTED
DRAWN H. MEIER
JOB 0811801
PERMIT NO.

A - 1.2.1

NOTES

1. SEATING ARRANGEMENT IS BASED UPON A STANDARD FOLDING CHAIR 18" WIDE BY 24" DEEP.
2. SPACING OF ROWS IS 5'-0" BACK TO BACK ON THE CHAIRS. THIS RESULTS IN A 12" SPACING BETWEEN THE BACK OF THE ROW OF CHAIRS IN FRONT TO THE FRONT OF THE SEAT FOR THE ROW BEING OCCUPIED.
3. CHAIRS SHALL BE SECURED TOGETHER OR INTERLOCKING TO FORM A LONG CONTINUOUS ROW OF SEATS.
4. EACH ROW IS LIMITED TO A MAXIMUM OF 14 CHAIRS.
5. ASSEMBLY AREAS SHALL BE PROVIDED WITH ASSISTIVE-LISTENING DEVICES AS NOTED BELOW:
   a. THE MIN. NUMBER PROVIDED SHALL BE EQUAL TO 4% OF THE TOTAL NUMBER OF SEATS, BUT NOT LESS THAN 2
   b. TYPES OF ASSISTIVE-LISTENING DEVICES INCLUDE, BUT IS NOT LIMITED TO, AUDIO-INDUCTION LOOPS, RADIO FREQUENCY DEVICES (AM OR FM) AND INFRARED TRANSMISSION.
   c. A SIGN SHALL BE PLACED AT THE ENTRANCE TO THE ASSEMBLY AREA INDICATING THE AVAILABILITY OF ASSISTIVE-LISTENING DEVICES. THE SIGN SHALL COMPLY WITH SECTION 11B-78.5.1, ITEMS 1 &2 AND SHALL INCLUDE THE INTERNATIONAL SYMBOL FOR ACCESS FOR HEARING LOSS COMPLYING WITH FIG. 11B-14C AND INCLUDE THE WORDING "ASSISTIVE-LISTENING DEVICES AVAILABLE".



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

REVISION	BY

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23232 market street newhall california 91321
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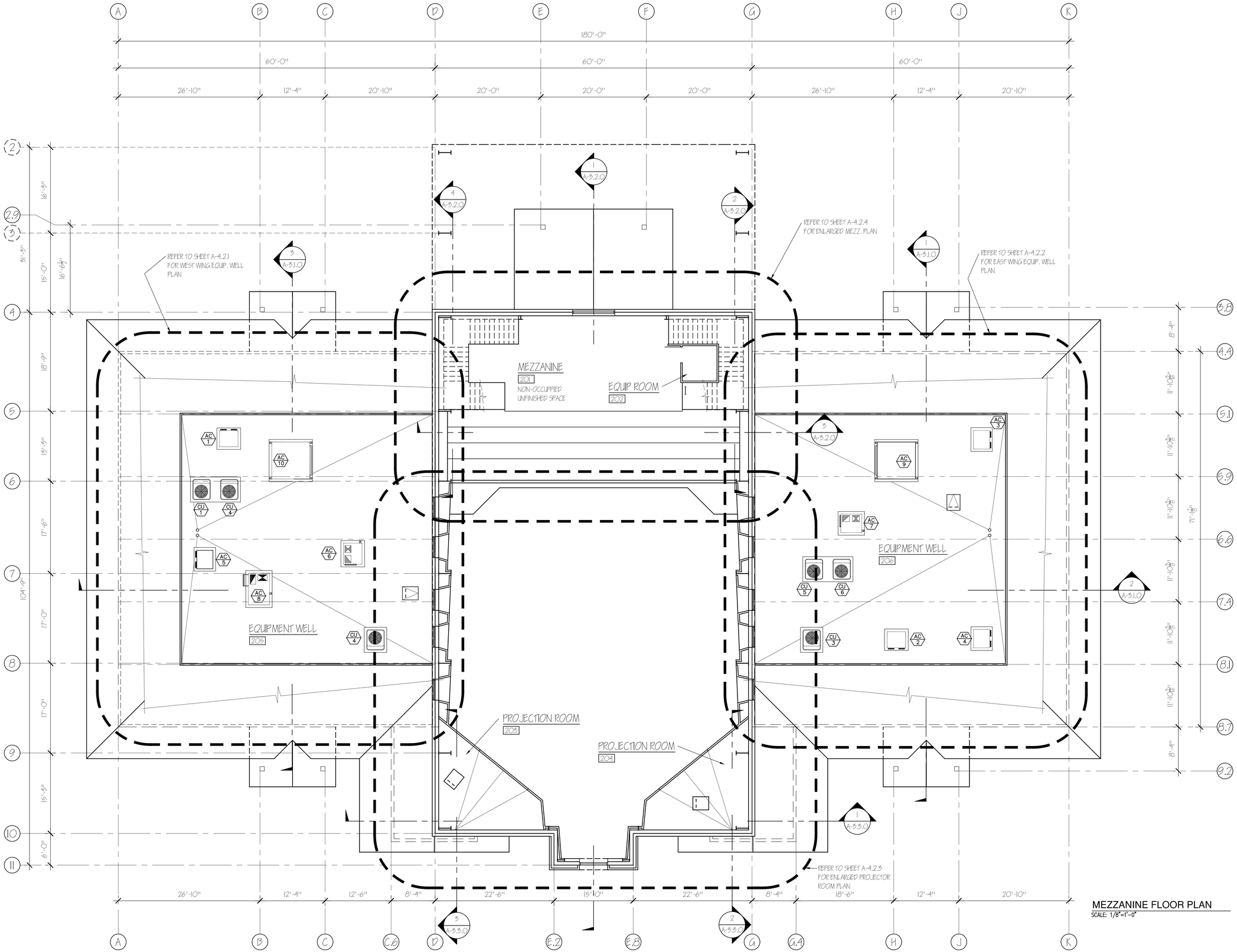
ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1
SEATING PLAN

DATE 11-20-12
SCALE AS NOTED
DRAWN H. MEIER
JOB 0811801
PERMIT NO.

A - 1.2.2



MEZZANINE FLOOR PLAN
SCALE: 1/8"=1'-0"

REVISION	BY

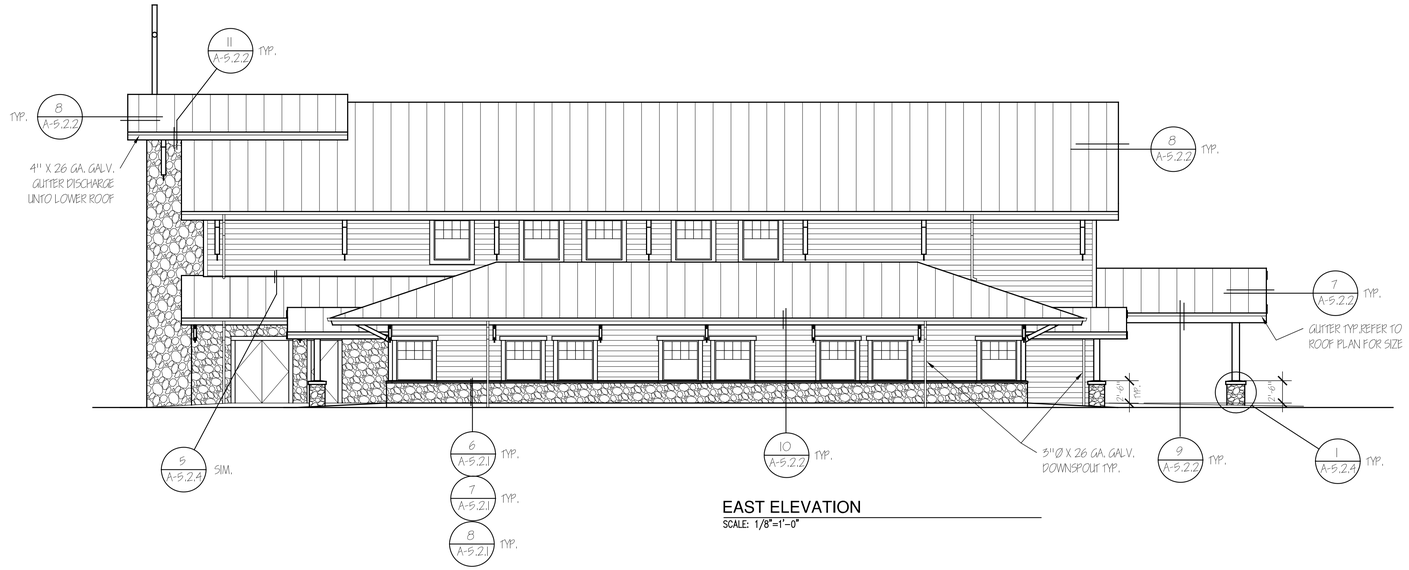
harold a. meier architect
23232 market street newhall california 91321
(661) 288-1081 fax (661) 288-1137

ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1

MEZZANINE FLOOR PLAN

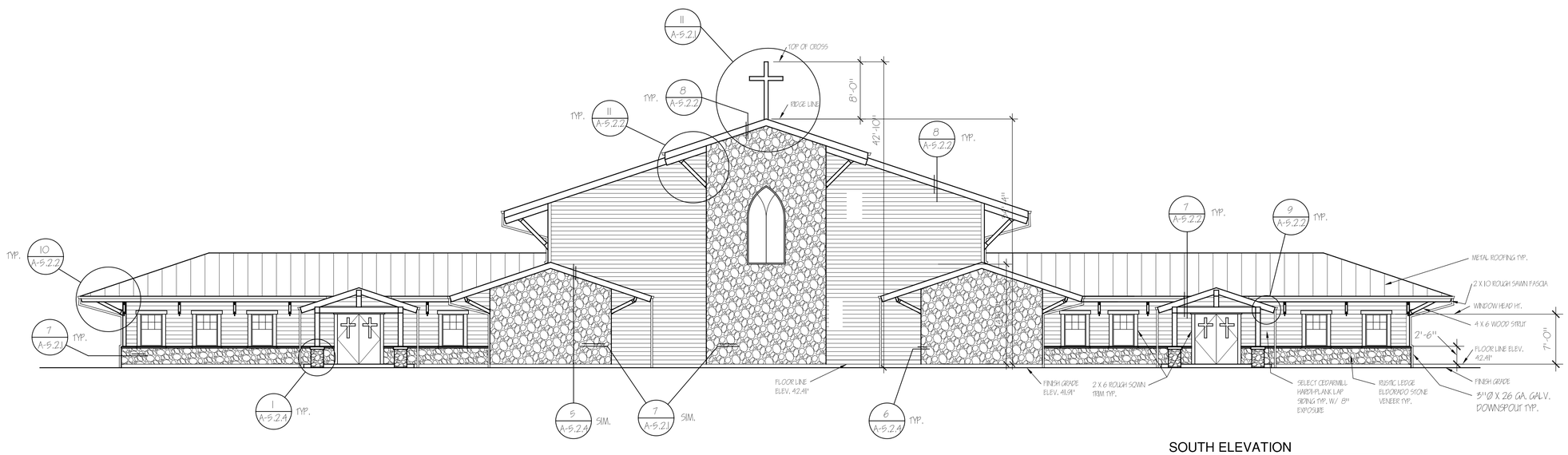
DATE	11-20-12
SCALE	AS NOTED
DRAWN	H. MEIER
JOB	0811801
PERMIT NO.	

A-1.3.0



EAST ELEVATION

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



SOUTH ELEVATION

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

REVISION	BY

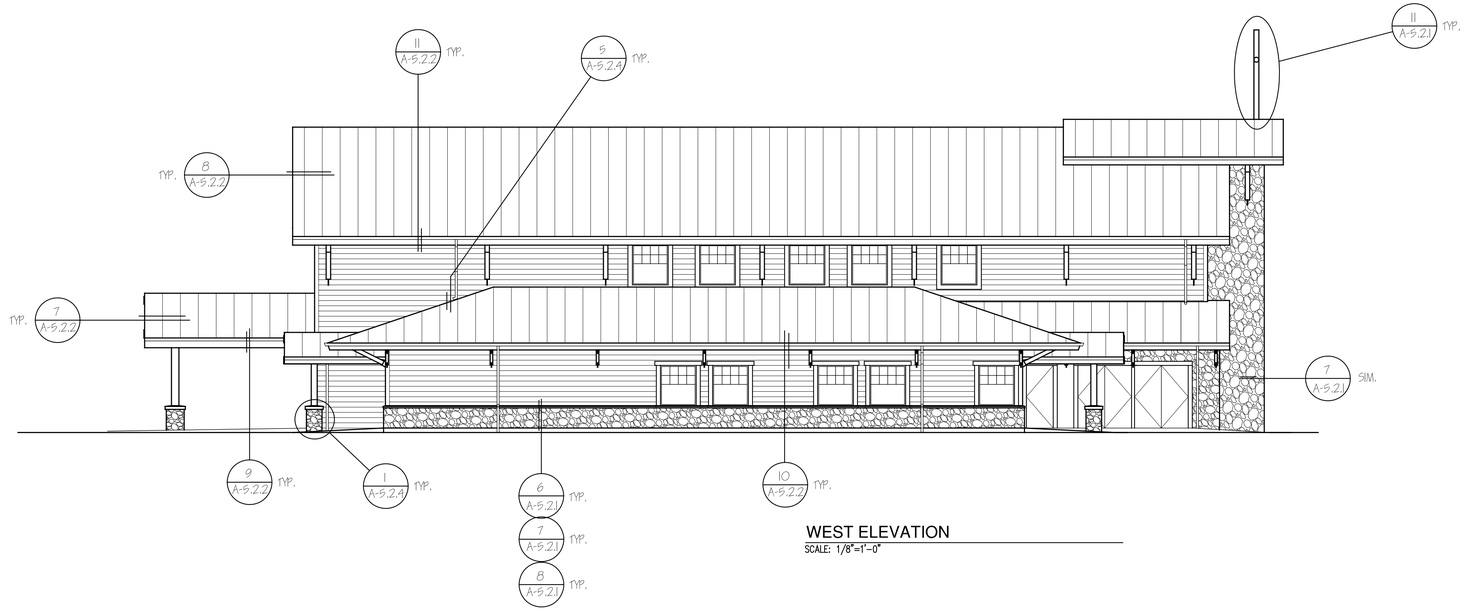
harold a. meier architect
23232 market street newhall california 91321
(661) 288-1081 fax (661) 288-1137

ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1

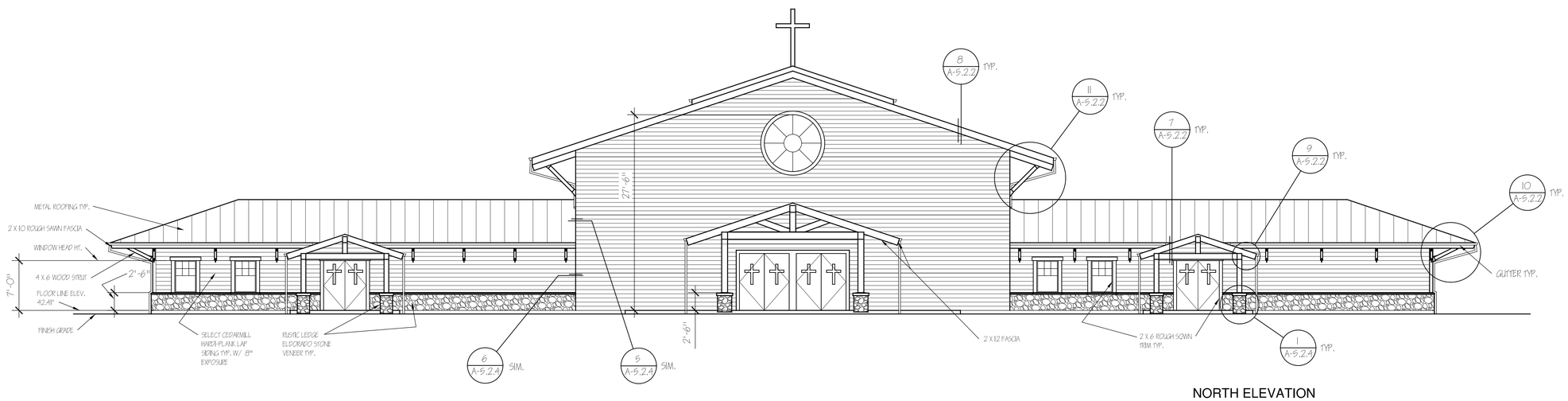
ELEVATIONS 1

DATE 11-20-12
SCALE AS NOTED
DRAWN H. MEIER
JOB 0811801
PERMIT NO.

A-2.1.0



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



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

REVISION	BY

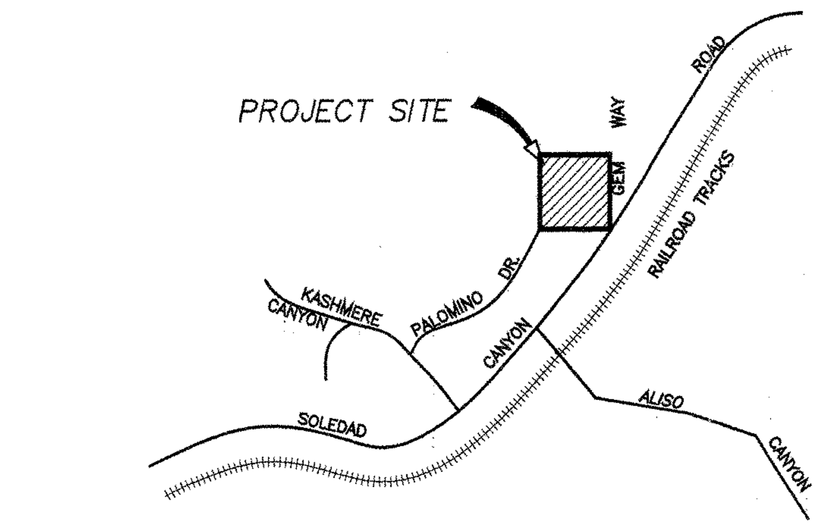
harold a. meier architect
23232 market street newhall california 91321
(661) 288-1081 fax (661) 288-1137

ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1

ELEVATIONS 2

DATE 11-20-12
SCALE AS NOTED
DRAWN H. MEIER
JOB 0811801
PERMIT NO.

A-2.2.0



VICINITY MAP

SCALE: NONE

Acton Faith Bible Church

Acton, California

Phase I

L - 1	LANDSCAPE COVER SHEET
L - 2	LANDSCAPE IRRIGATION PLAN
L - 3	LANDSCAPE PLANTING PLAN
L - 4	LANDSCAPE DETAILS
L - 5	NOTES, SCHEDULES & DETAILS

SHEET INDEX

ENVIRONMENTAL EGL AGRICULTURAL
Analytical Chemists

May 25, 2012

REH Contracting
17675 Sierra Highway
Santa Clarita, CA 91351

Lab ID : SP 1204845-001
Customer ID : 2-23011

Sampled On : May 16, 2012-:
Sampled By : Ray Hensley
Received On : May 16, 2012-13:54
Matrix : Soil

Description :Acton Faith Bible Church
Project :REH Contracting

Sample Results - Ag

Constituent	Result	PQL	Units	Note	Sample Preparation Method	Date/ID	Sample Analysis Method	Date/ID
Physical Char.								
% Sand	62.0	0.5	%		CSS547.3	05/23/12:205684	CSS547.3	05/24/12:207448
% Silt	22.3	0.5	%		CSS547.3	05/23/12:205684	CSS547.3	05/24/12:207448
% Clay	15.7	0.5	%		CSS547.3	05/23/12:205684	CSS547.3	05/24/12:207448
Soil Texture	Sandy loam							

ND – Non-Detected. PQL – Practical Quantitation Limit. Containers: (BPa) Bag - Paper Preservatives: N/A

LANDSCAPE PLAN
APPROVED

For Water Efficient Landscape Ordinance only

APPROVED BY: ____ RCE NO. 61208 DATE: 2/25/13

CHECKED BY: ____ DATE: 2/25/13

LAND DEVELOPMENT DIVISION
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

Reviewed and Approved by Chad Lessard

Corporate Offices & Laboratory 853 Corporation Street Santa Paula, CA 93060 TEL: (805)392-2000 Env FAX: (805)525-4172 / Ag FAX: (805)392-2063 CA NELAP Certification No. 01110CA | Office & Laboratory 2500 Stagecoach Road Stockton, CA 95215 TEL: (209)942-0182 FAX: (209)942-0423 CA ELAP Certification No. 1563 | Office & Laboratory 563 E. Lindo Avenue Chico, CA 95926 TEL: (530)343-5818 FAX: (530)343-3807 CA ELAP Certification No. 2670 | Office & Laboratory 3442 Empresa Drive, Suite D San Luis Obispo, CA 93401 TEL: (805)783-2940 FAX: (805)525-4172 CA ELAP Certification No. 2775 | Field Office Visalia, California TEL: (559)734-9473 Mobile: (559)737-2399 FAX: (559)734-8435

ENVIRONMENTAL EGL AGRICULTURAL
Analytical Chemists

May 22, 2012

REH Contracting
17675 Sierra Highway
Santa Clarita, CA 91351

Lab ID : SP 1204845-001
Customer ID : 2-23011

Sampled On : May 16, 2012
Sampled By : Ray Hensley
Received On : May 16, 2012
Depth : 0-4"
Meth Irrg. : Drip

Description :Acton Faith Bible Church
Project :REH Contracting

LANDSCAPE SOIL ANALYSIS

Test Description	Result	Units	Optimum Range	Graphical Results Presentation
Primary Nutrients				
Nitrate-Nitrogen	0.790	Lbs/1000ft	0.51 - 2.3	
Phosphorus	0.83	Lbs/1000ft	2.1 - 2.9	
Potassium (Exch)	11.1	Lbs/1000ft	3.0 - 18	
Potassium (Sol)	1.38	Lbs/1000ft	2.2 - 9.3	
Secondary Nutrients				
Calcium (Exch)	110	Lbs/1000ft	91 - 120	
Calcium (Sol)	7.05	Lbs/1000ft	2.6 - 14	
Magnesium (Exch)	18.7	Lbs/1000ft	9.2 - 18	
Magnesium (Sol)	2.02	Lbs/1000ft	0.0 - 3.1	
Sodium (Exch)	5.0	Lbs/1000ft	0.0 - 8.7	
Sodium (Sol)	5.34	Lbs/1000ft	0.0 - 21	
Sulfate	5.78	Lbs/1000ft	3.1 - 91	
Micro Nutrients				
Zinc	0.0367	Lbs/1000ft	0.069 - 3.8	
Manganese	1.00	Lbs/1000ft	0.14 - 5.7	
Iron	1.54	Lbs/1000ft	0.50 - 6.3	
Copper	0.0643	Lbs/1000ft	0.011 - 3.7	
Boron	0.0184	Lbs/1000ft	0.023 - 0.13	
Chloride	4.92	Lbs/1000ft	0.18 - 19	
CEC	8.23	meq/100g	14 - 35	
% Base Saturation				
CEC - Calcium	72.9	%	60 - 80	
CEC - Magnesium	20.4	%	10 - 20	
CEC - Potassium	3.77	%	1.0 - 6.0	
CEC - Sodium	2.89	%	0.0 - 5.0	
CEC - Hydrogen	0.00	%	0.0 - 3.0	
pH	7.50	—	6.5 - 7.5	

Graphical scale: Very Low / Moderately Low / Optimum / Moderately High / Very High; pH: Strongly Acidic / Moderately Acidic / Near Neutral / Moderately Alkaline / Strongly Alkaline

Good — Problem. Indicates physical conditions and/or phenological and amendment requirements.

May 22, 2012

REH Contracting

Lab ID : SP 1204845 001
Customer ID : 2-23011
Description : Acton Faith Bible Church

LANDSCAPE SOIL ANALYSIS

Test Description	Result	Units	Optimum Range	Graphical Results Presentation
Others				Satisfactory / Possible Problem / Moderate Problem / Increasing Problem
Soil Salinity	0.80	mmhos/cm	0.0 - 2.0	
SAR	1.5		0.0 - 6.0	
Limestone	< 0.10	%	0.0 - 0.50	
Lime Requirement	0	Tons/AF	---	0 1 2 3 4 5 6
Gypsum Requirement	< 0.50	Tons/AF	---	
Moisture	1.8	%	2.1 - 15	Very Low / Moderately Low / Optimum / Moderately High / Very High
Saturation	21.1	%	40 - 50	Loamy Sand / Sandy Loam / Loam / Silt Loam / Clay Loam / Clay / Organic

Good — Problem. Increases physical conditions and/or phenological and amendment requirements.
Note: Soils with gypsum requirements over 10 tons should be applied incrementally at a maximum of 10 tons per acre per year and reanalyzed yearly after each application.

Soil pH & Limestone levels are important to consider when making plant selections. Soil pH levels above 7.0 are not suitable for acid loving plants. Soils containing limestone are not suitable for plants sensitive to Limestone.

Fertilization Recommendations

Nutrients	Lbs/1000 SqFt	via	Nutrients	Lbs/1000 SqFt	via
Nitrogen	None	Soil	Manganese	None	Soil
Phosphorus	1.5	Soil	Iron	None	Soil
Potassium (K2O)	0.9	Soil	Copper	None	Soil
Magnesium	None	Soil	Boron	None	Soil
Sulfur	None	Soil	Lime	None	Soil
Zinc	0.4	Soil			

FRUIT GROWERS LABORATORY, INC.

Chad Lessard, Director of Ag. Services

CEL:SVH

ENVIRONMENTAL EGL AGRICULTURAL
Analytical Chemists

May 22, 2012

REH Contracting
17675 Sierra Highway
Santa Clarita, CA 91351

Lab ID : SP 1204845-001
Customer ID : 2-23011

Recommendation for REH Contracting

The following report presents the results of analyses conducted on your soil. See page 4 for sample information and analyses results. The following recommendations are based upon the current conditions of the soil. All application recommendations are for each 1,000 square feet of growing area. Please be sure to read the standard application notes presented on page 3.

I. Plant Selection

The Analyses of this soil indicates the following plant selection requirements:

A. Select only non-acidic loving plants for this soil.

II. Preplant Soil Amendments and Fertilizers

A. Turf and Groundcover

Apply per 1000 sq. ft.

1. Soil Amendments
   - a. Organic (Well-composted) 2.00 cu. yds.
   - b. Limestone 0.00 lbs.
   - c. Soil Sulfur 25.00 lbs.

Apply per 1000 sq. ft.

2. Fertilizers
   - a. Nitrogen (N) 0.70 lbs.
   - b. Phosphorus (P2O5) 2.70 lbs.
   - c. Potassium (K2O) 2.50 lbs.
   - d. Magnesium (Mg) 0.00 lbs.
   - e. Zinc (Zn) 1.10 lbs.
   - f. Manganese (Mn) 0.00 lbs.
   - g. Iron (Fe) 0.20 lbs.
   - h. Copper (Cu) 0.03 lbs.
   - i. Boron (B) 0.01 lbs.

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May 22, 2012 Lab ID : SP 1204845-001

B. Tree and Shrub Backfill Mix

1. Native (site) soil 66%
2. Nitrogen Fertilized Organic Material 33%
3. Commercial Fertilizer (9-9-9) 1 lb./cu. yd.
4. Iron 2 oz./cu. yd.
5. Zinc 1 oz./cu. yd.
6. Manganese 1 oz./cu. yd.

When planting specifications do not call for a separate backfill mix then backfill the holes that are excavated to install containerized plants using the native (site) soil amended according to the preplant recommendations given on page 1.

III. Leaching Requirement

No Leaching Requirement for this soil.

IV. Post-Plant Fertilization - lbs./1000 sq. ft.

Nitrogen	1 lb.
Phosphorus	1/4 lb.
Potassium	1/4 lb.

The actual post-plant requirements for fertilizers and soil amendments will vary depending upon the specific site conditions. Periodic post-plant analyses can be used to assure proper soil conditions and balanced levels of plant nutrition.

V. Irrigation

Make certain that the irrigation water being applied is penetrating to a depth slightly greater than the root zone of the plants being grown. Water with a frequency needed to maintain moist soil at all times - never wet for long periods and never let the soil dry out.

Page: 2

May 22, 2012 Lab ID : SP 1204845-001

Application Notes

The application instructions listed below apply only if the material(s) is recommended in this report on page 1. Materials not included in the recommendations are excluded either because the analyses data did not indicate a need or the analysis to determine if a need existed was not requested.

Organic Materials

Nitrolized redwood compost is preferred but other organic mixes may be substituted depending upon the site requirements. Organic materials should be spread uniformly over the surface soils and when possible should be incorporated to a depth of two to three inches.

Limestone, Dolomite & Sulfur

These materials should be broadcast uniformly over the surface soils and then incorporated to a depth of two to three inches.

Gypsum

This material should be broadcast uniformly over surface soils for water penetration. For best results do not incorporate.

Preplant Phosphorus, Zinc, Manganese, Iron & Copper

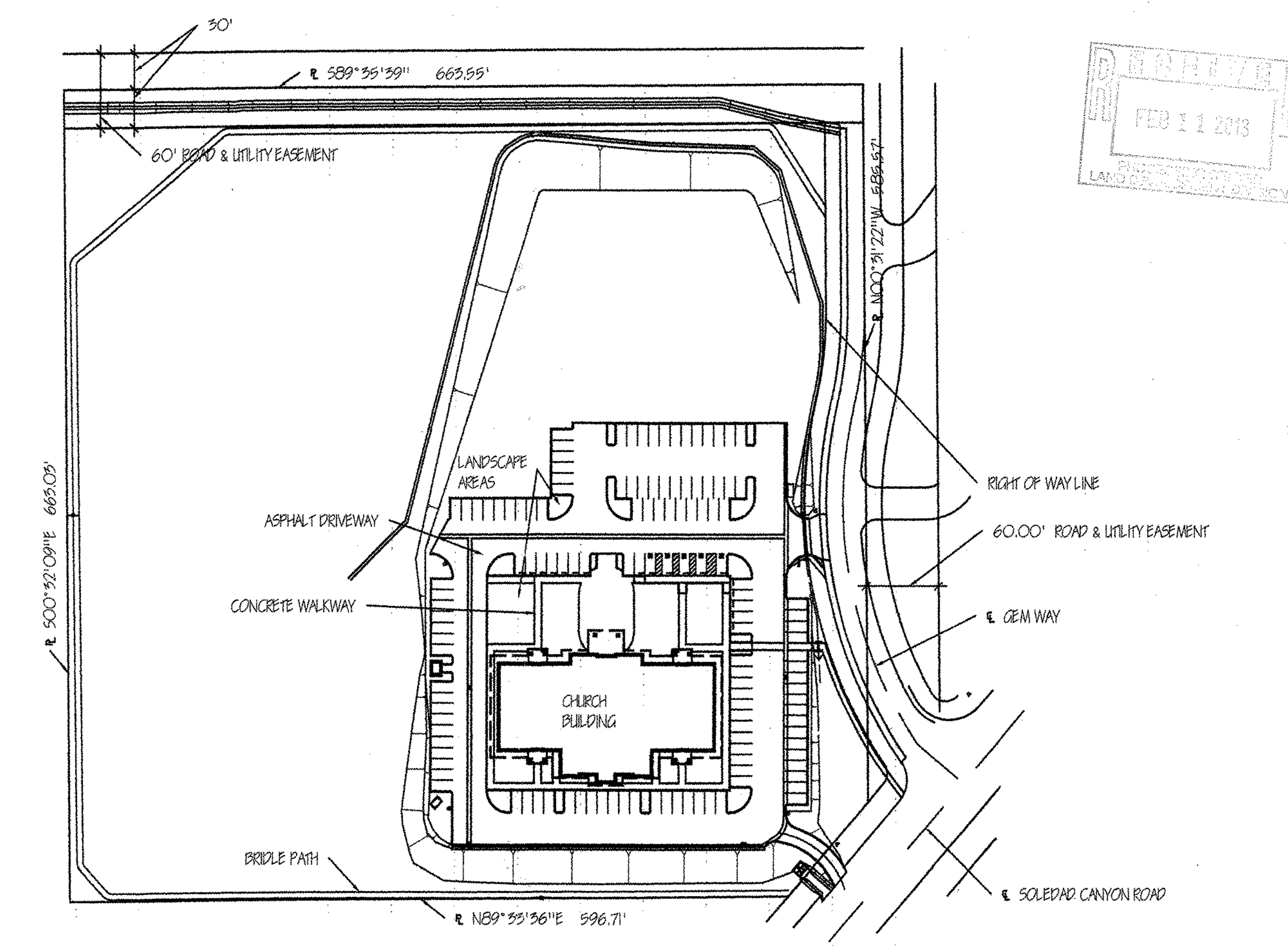
These materials should be broadcast uniformly over the surface soils and then incorporated to a depth of two to three inches. Post-plant applications can be surface applied for water penetration.

Nitrogen, Potassium & Magnesium

These materials are highly water soluble and can be applied uniformly over the surface soils for water penetration or they can be incorporated with the other materials. Magnesium sources for plant nutrition include Epsom salts (Magnesium Sulfate), and the double salt of Potassium-Magnesium Sulfate (Sulfate of Potash-magnesia).

Page: 3

SOIL ANALYSIS REPORT



KEY PLAN

POC DESIGNATION: CONNECT NEW DESIGNATED 2" WATER METER TO THE PROPOSED 8" WATER MAIN ON GLEN WAY
NAME OF WATER PURVEYOR: Los Angeles County Waterworks District - Antelope Valley Office: 260 East Avenue K-8, Lancaster, CA 93535
Phone: (661) 942-1157, EXT. 2 (ENGINEERING), Fax: (661) 723-7027
SIZE OF WATER METER: 2"
STATIC WATER PRESSURE: 123 PSI
DESIGN PRESSURE: 20 PSI, MIN. TO 120 PSI MAX.
DESIGNED HIGHEST GPM FLOW: 13.9 GPM

HIGHEST SYSTEM PRESSURE LOSS CALCULATION
CONTROLLER/ STA: 4 P.O.C. ELEV: 2675 (APPROX.)
GPM: 12 PSI @ P.O.C: 123
Pressure needed for farthest bubbler at worst hydraulic condition: 20

	Qty	Unit	pl/unit	psi loss
Pressure Regulator	1	ea	2.5	2.5
Backflow Device	1	ea	12	12
2" Bronze Gate Valve	1	ea	0.45	0.45
1" Irrigation Control Valve	1	ea	1.8	1.80
Pressure loss through Sch-40 lateral line 1/2"	0	Lf	0.0558	0
Pressure loss through Sch-40 lateral line 3/4"	72	Lf	0.0512	3.6864
Pressure loss through Sch-40 lateral line 1"	30	Lf	0.0335	1.005
Pressure loss through Sch-40 lateral line 1 1/4"	0	Lf	0.0271	0
Pressure loss through Sch-40 main line 1.5"	0	Lf	0.0234	0
Pressure loss through Sch-40 main line 2"	492	Lf	0.0173	8.5116
Elevation change	-15	Lf	0.433	-6.50
subtotal				23.46
10% fitting loss				2.35
Total Pressure Loss				25.80

Summary:
AVAILABLE STATIC PRESSURE AT POC: 123
REQUIRED SYSTEM MINIMUM PRESSURE: 25.80
RESIDUAL PRESSURE: 97.20

ADJUST PRESSURE REGULATOR AT POC TO: 32.25
RESIDUAL FROM ADJUSTED PRESSURE: 6.45

PRESSURE LOSS CALCUATION

ASSESSOR PARCEL NUMBER:	3208-011-052
LEGAL DESCRIPTION:	9.97 MORE OR LESS ACS BEING OF ST SW ¼ OF NE ¼ OF NE ¼ OF SEC 31 T 5N R 12W
PROJECT ADDRESS:	32643 GEM WAY
OWNER:	ACTON FAITH BIBLE CHURCH
OWNER ADDRESS:	P. O. BOX 398, ACTON, CA 93510
BUILDING CODE:	2011 COUNTY OF LOS ANGELES BUILDING CODE AND THE GREEN BUILDING CODE.
C. U. P.	97-141

BUILDING CODE INFO.

THE CONTRACTOR WILL CONDUCT AN IRRIGATION AUDIT USING A CERTIFIED IRRIGATION AUDITOR, AFTER THE FINAL FIELD OBSERVATION HAS BEEN COMPLETED AND ALL IRRIGATION COMPONENTS ARE INSTALLED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS AND THE IRRIGATION SYSTEM IS ACCEPTED BY THE PROJECT ARCHITECT.

THE IRRIGATION AUDIT WILL BE CONDUCTED IN ACCORDANCE WITH THE FOLLOWING SCHEDULE.

1. PLACE FLAGS AT EACH HEAD IN THE ZONE.
2. MEASURE SPACING AND MARK MID POINTS BETWEEN HEADS.
3. PLACE WATER MEASURING RECEPTACLES.
4. TAKE READINGS OF WATER LEVEL IN RECEPTACLES AND RECORD RESULTS.
5. MEASURE HEAD PRESSURE IN EACH ZONE AND RECORD RESULTS.
6. AFTER COMPLETING ZONE ADVANCE TO NEXT ZONE AND REPEAT PROCEDURE.
7. SUBMIT RESULTS OF THE AUDIT TO THE PROJECT ARCHITECT.

THE IRRIGATION MAINTENANCE SCHEDULE TASKS LISTED BELOW ARE INTENDED AS MINIMUM STANDARDS AND MORE FREQUENT ATTENTION MAY BE REQUIRED DEPENDING ON THE PARTICULAR SITE CONDITIONS.

MAINTENANCE TASK	FREQUENTANCY
CONTROLLER CABINET-OPEN CABINET AND CLEAN OUT DEBRIS AND REPLACE BATTERY AS NECESSARY. CHECK WIRING AND REPAIR AS NEEDED AND CHECK CLOCK AND RESET IF NECESSARY.	QUARTERLY
IRRIGATION SCHEDULE-ADJUST SCHEDULE FOR SEASONAL VARIATIONS AND OTHER CONDITIONS WHICH MAY AFFECT THE AMOUNT OF WATER NEEDED TO MAINTAIN PLANT HEALTH ADJUST AS NECESSARY.	MONTHLY
POC-VISUALLY INSPECT COMPONENTS FOR LEAKS, PRESSURE SETTINGS, SETTLEMENT OR OTHER DAMAGE AFFECTING THE OPERATION OF A COMPONENT. REPAIR AS NEEDED.	QUARTERLY
REMOTE CONTROL VALVES, ISOLATION VALVES AND CHECK VALVES VISUALLY INSPECT FOR LEAKS, SETTLEMENT, WIRE CONNECTIONS AND PRESSURE SETTINGS. REPAIR AS NEEDED.	QUARTERLY
MAINLINE & LATERALS VISUALLY INSPECT FOR LEAKS OR SETTLEMENT OF TRENCH.	QUARTERLY
SPRINKLERS VISUALLY CHECK FOR ANY BROKEN MISALIGNED OR CLOGGED HEADS. HEADS WITH INCORRECT ARC, INADEQUATE COVERAGE OR OVERSPRAY AND LOW HEAD DRAINAGE. REPAIR AS NEEDED.	WEEKLY
FILTERS AND STRAINERS VISUALLY CHECK FOR LEAKS, BROKEN FITTINGS. CLEAN AND FLUSH SCREENS.	MONTHLY

AUDIT SHALL BE IN ACCORDANCE WITH THE LATEST STATE OF CALIFORNIA LANDSCAPE WATER MANAGEMENT PROGRAM AS DESCRIBED IN THE LATEST LANDSCAPE IRRIGATION AUDITOR HANDBOOK. THE LANDSCAPE IRRIGATION AUDITS TO BE CONDUCTED BY A QUALIFIED INDIVIDUAL AND THE AUDIT SCHEDULE SHALL BE CONDUCTED AT LEAST ONCE EVERY FIVE YEARS IN ACCORDANCE WITH THE REQUIREMENTS OF TITLE 20, DIVISION I OF THE LOS ANGELES COUNTY CODE.

WATER AUDIT NOTE

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DESERT BREEZE LANDSCAPE & DESIGN
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CALIFORNIA LICENSE 882905

ACTON FAITH BIBLE CHURCH
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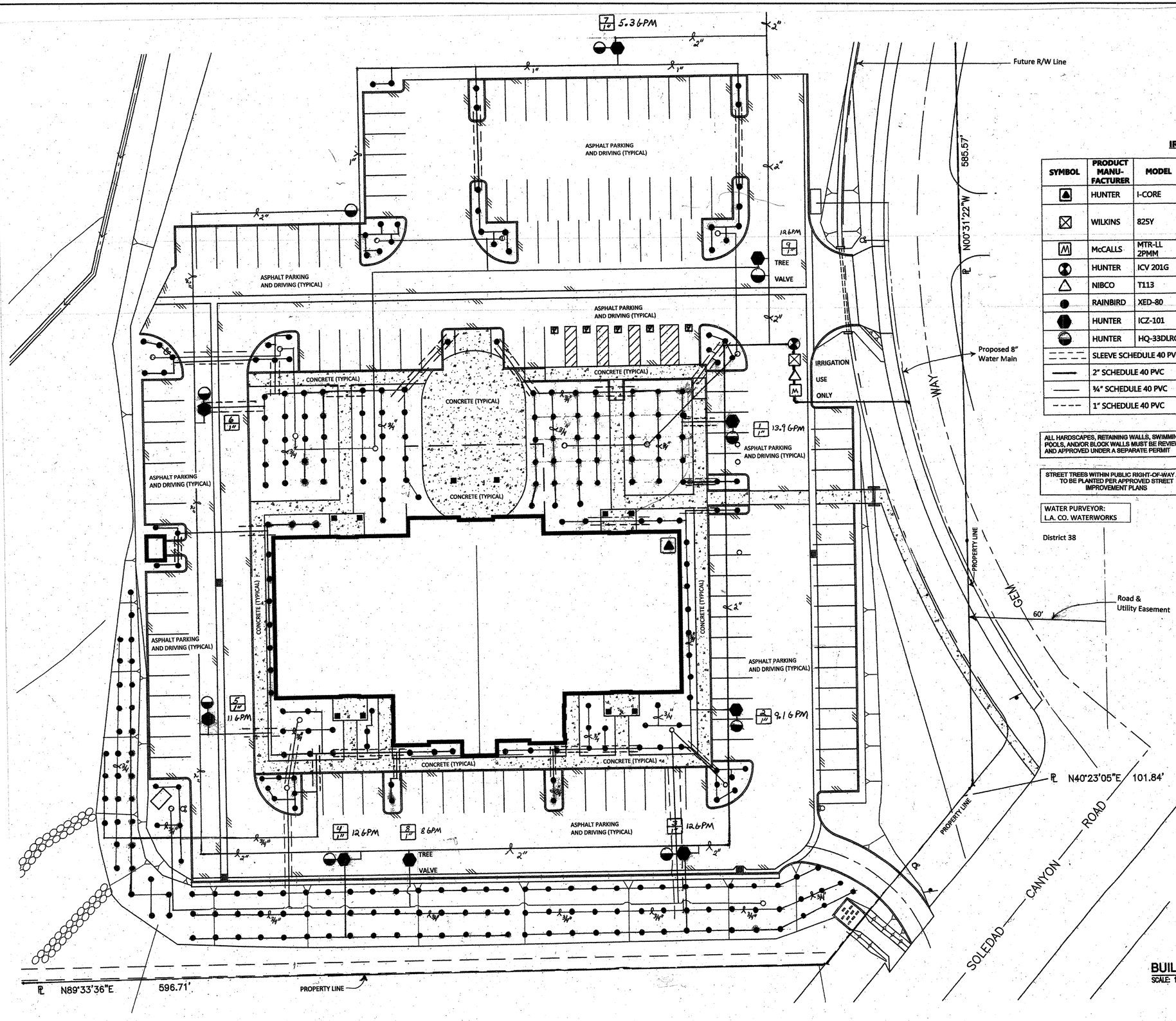
PHASE 1

LANDSCAPE TITLE SHEET

DATE 2-7-13
SCALE AS NOTED
DRAWN H. MEIER
JOB 081801
PERMIT NO.

L - 1



BUILDING SITE PLAN

SCALE: 1" = 20.00'

IRRIGATION LEGEND

SYMBOL	PRODUCT MANU-FACTURER	MODEL	DESCRIPTION
	HUNTER	I-CORE	COMMERCIAL AUTOMATIC CONTROLLER WITH SOLAR SYNC SENSOR
	WILKINS	825Y	2" BACKFLOW DEVICE ASSEMBLE WITH WYE FILTER AND PRESSURE REGULATOR. INSTALL WITHIN VANDAL RESISTANT ENCLOSURE AND FROST PREVENTION BLANKET
	McCALLS	MTR-LL 2PMM	2" WATER METER
	HUNTER	ICV 201G	HIGH PRESSURE MASTER GLOBE VALVE – 2" FLOW RATE: 40 TO 150 GPM. FLOW CONTROL
	NIBCO	T113	GATE VALVE (CROSS OR WHEEL HANDLE)
	RAINBIRD	XED-80	XERI-BIRD 8 MULTI-OUTLET EMISSION DEVICE WITH 2 GPM XBT-20PC, V-STAKE, BUGCAP (DBC-025)
	HUNTER	ICZ-101	1" DRIP ZONE CONTROL VALVE KIT (FILTER PLUS PRESSURE REGULATOR)
	HUNTER	HQ-33DLRC	¾" QUICK COUPLER VALVE (QCV) 2-PIECE BRASS AND STAINLESS STEEL WITH LOCKING CAP
	SLEEVE SCHEDULE 40 PVC		
	2" SCHEDULE 40 PVC		
	¾" SCHEDULE 40 PVC		
	1" SCHEDULE 40 PVC		

ALL HARDSCAPES, RETAINING WALLS, SWIMMING POOLS, AND/OR BLOCK WALLS MUST BE REVIEWED AND APPROVED UNDER A SEPARATE PERMIT

STREET TREES WITHIN PUBLIC RIGHT-OF-WAY ARE TO BE PLANTED PER APPROVED STREET IMPROVEMENT PLANS

WATER PURVEYOR:
L.A. CO. WATERWORKS

District 38

WATER USAGE ESTIMATION (MAWA) (ETWU)

Category	Units	
Hydrozone Callout		①
Hydrozone		Shrub
Water Use Requirements		Low
Hydrozone Area (HA)	Square Ft.	25,250
Irrigation Method		Drip
Water Type		County
Special Landscape Area (SLA)	Square Ft.	0
Percent Area Use	Percentage	100%
Yearly ET_o (ET_o)*	Inches/Year	46.6
Yearly Average Plant Factor (PF)		0.5
Estimated Efficiency (IE)		0.90
Estimated Total Water Usage (ETWU)	HCF/Year	542
	Gallons/Year	405,291
	Acre Ft/Year	1.24
Maximum Applied Water Allowance (MAWA)	HCF/Year	683
	Gallons/Year	510,666
	Acre Ft/Year	1.57

Formula:
$MAWA = ET_o \times 0.62[(0.7 \times LA) + (0.3 \times SLA)]$
$ETWU = ET_o \times 0.62 \times (PF \times HA)/IE$

Total Landscape Area	SLA	Units
25,250	0	Square Ft.
0.58	0	Acres

Site Irrigation Efficiency	Site Plant Factor	MAWA Compliant
0.90	0.5	Yes

* Yearly ET_o obtained from CMIS Map Zone 14

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LANDSCAPE IRRIGATION PLAN

DATE 2-7-13
SCALE AS NOTED
DRAWN J. SISCO
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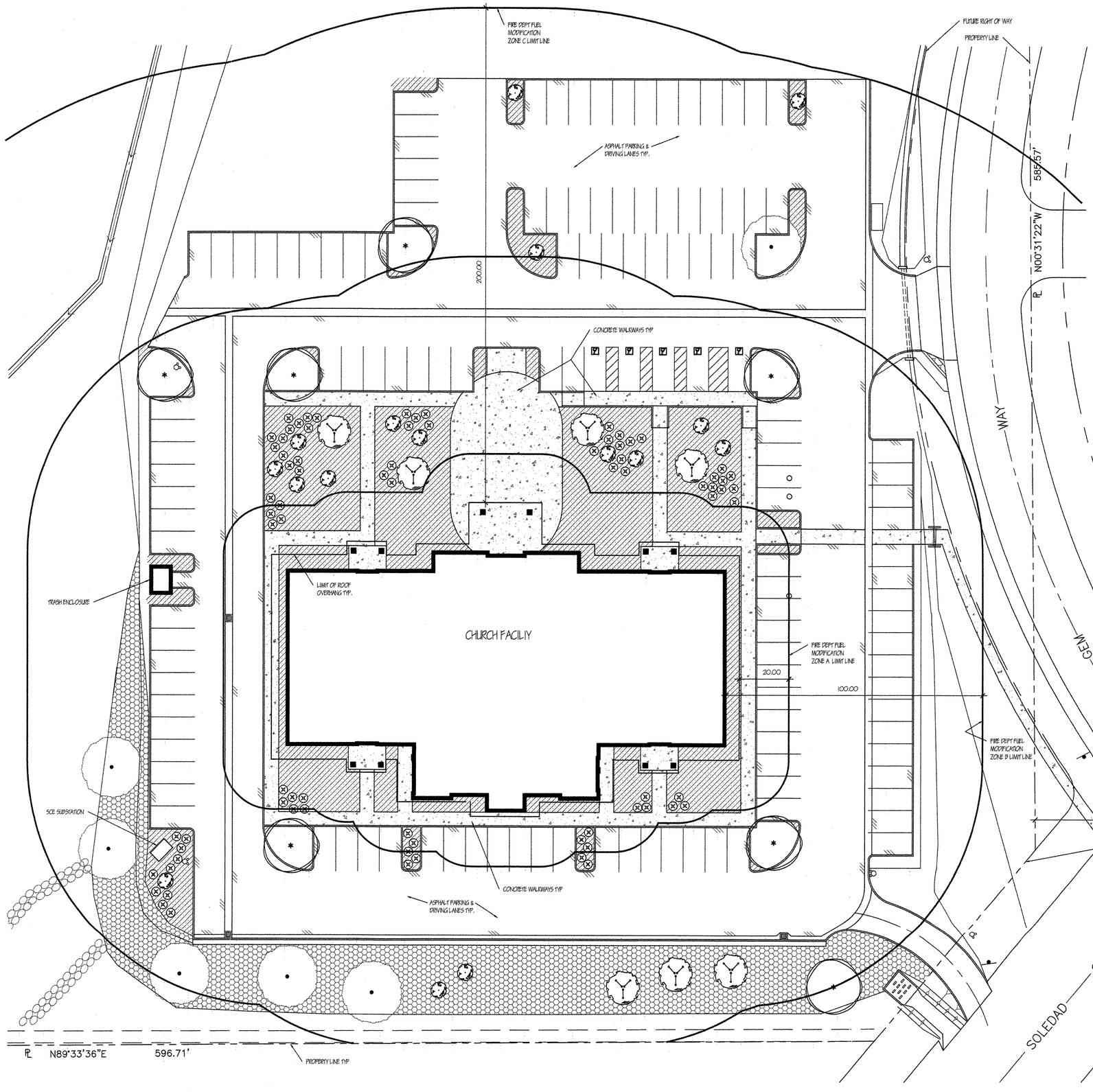
PERMIT NO.

L - 2



BUILDING SITE PLAN

SCALE: 1" = 20.00'

PLANT SCHEDULE

TREES

SYMBOL (N.T.S.)	BOTANICAL NAME	COMMON NAME	WATER USE (KS)	FM ZONE	QTY	SIZE	MATURE WIDTH	MATURE HEIGHT	REMARKS	DETAIL
	CHITALPA X TASHKENTENSIS	CHITALPA	LOW (.2)	A, B	7	24" BOX	20'-30'	20'-30'	STANDARD FORM	
	ARBUTUS UNEDO 'COMPACTA'	STRAWBERRY TREE	MODERATE (.5)	A, B-5	16	15 GAL	6'-8'	6'-8'	STANDARD FORM (SET BACK 5' FROM STRUCTURE)	
	CERCIS OCCIDENTALIS	WESTERN REDBUD	LOW (.2)	A, B-10	7	15 GAL	10'-18'	10'-18'	MULTI-TRUNK FORM (SET BACK 10' FROM STRUCTURE)	
	HETEROMELES ARBUTIFOLIA	TOYON	LOW (.2)	A, B-15	6	15 GAL	8'-55'	8'-55'	STANDARD FORM (SET BACK 15' FROM STRUCTURE)	

SHRUBS

SYMBOL (N.T.S.)	BOTANICAL NAME	COMMON NAME	WATER USE	FM ZONE	QTY	SIZE	MATURE WIDTH	MATURE HEIGHT	REMARKS	DETAIL
	RHAPHIOLEPIS INDICA 'CLARA'	INDIAN HAWTHORN	MODERATE (.5)	A, B-5	78	1 GAL	4'-5'	4'-5'	SPACE @ 4'-6' O.C. (SET BACK 5' FROM STRUCTURE)	
	PIERIS FORMOSA	FORMOSA LILY	MODERATE (.5)	A, B	—	1 GAL	2'-5'	2'-5'	SPACE @ 4'-5' O.C.	

GROUND COVER

SYMBOL (N.T.S.)	BOTANICAL NAME	COMMON NAME	WATER USE	FM ZONE	QTY	SIZE	MATURE WIDTH	MATURE HEIGHT	REMARKS	DETAIL
	COTONEASTER HORIZONTALIS	ROCK COTONEASTER	MODERATE (.5)	B	—	1 GAL	15'	2'-5'	SPACE @ 6' O.C.	

PLANT SCHEDULE NOTES

1) WATER USE EVALUATION IS BASED ON WELOS II REGION 4
2) INSTALL 2" MIN. "WALK-ON" WOOD CHIP MULCH IN ALL PLANTING AREAS.

LOW WATER USE / DRIP EMITTERS
IE (IRRIGATION EFFICIENCY) 0.90

3/4" CEDAR BARK SPREAD OVER LANDSCAPE AREA (2" DEPTH)

SITE PLANT FACTOR (0.5)

LANDSCAPE MAINTENANCE BY:
ACTON FAITH BIBLE CHURCH UNDER DIRECTION FROM WAYNE WILSON (PASTOR)

WATER BUDGET CALCULATIONS

TOTAL LANDSCAPE AREA (LA) : 28,290 S.F.
REFERENCE EVAPOTRANSPIRATION (INCHES/ YEAR) : 61.9*

*PER CALIFORNIA MODEL WATER EFFICIENT LANDSCAPE ORDINANCE, APPENDIX A (SANTA CLARITA)

MAXIMUM APPLIED WATER ALLOWANCE

MAWA = (ETo) (0.62) (LA) (0.62)
MAWA = MAXIMUM APPLIED WATER ALLOWANCE (GALLONS PER YEAR)
ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER YEAR) = 61.9
0.62 = ET ADJUSTMENT FACTOR
LA = LANDSCAPED AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR
MAWA = (61.9) (0.62) (28,290) (0.62) = 710,228 GALLONS PER YEAR

ESTIMATED WATER USE (FOR A HYDROZONE)

EWU = (ETo) (PF) (HA) (0.62)
(E)

EWU = ESTIMATED TOTAL WATER USE FOR A HYDROZONE (GALLONS)
ETo = REFERENCE EVAPOTRANSPIRATION (INCHES PER MONTH) = 61.9
PF = PLANT FACTOR (CULTIVAPSCAPE COEFFICIENT)
HA = HYDROZONE AREA (SQUARE FEET)
0.62 = CONVERSION FACTOR
E = IRRIGATION EFFICIENCY (FRACTIONAL = 0.9 (DRIP)

HYDROZONE 1
HYDROZONE 1 (CLOSE PLANTING) AREA (58.49%) 9,708.65 S.F.
SPECIES FACTOR (KS) = MODERATE = 0.5
DENSITY FACTOR (KD) = AVERAGE = 1.0
MICROCLIMATE FACTOR (KM) = HIGH = 1.2
PLANT FACTOR (PF) = (0.5) (1.0) (1.2) = (.5) (1.0) (1.2) = 0.6

HYDROZONE 1 EWU =((61.9) (0.6) (9,708.65) (0.62)) / .9 = 246,799.56 GALLONS PER YEAR

HYDROZONE 2
SPECIES FACTOR (KS) = MODERATE = 0.5
DENSITY FACTOR (KD) = AVERAGE = 1.0
MICROCLIMATE FACTOR (KM) = HIGH = 1.2
PLANT FACTOR (PF) = (0.5) (1.0) (1.2) = (.5) (1.0) (1.2) = 0.6

HYDROZONE 2 EWU =((61.9) (0.6) (19,581.57) (0.62)) / .9 = 505,061.62 GALLONS PER YEAR

TOTAL ESTIMATED WATER USE = 641,853.98 GALLON PER YEAR

492.12 IRRIGATION AUDIT, IRRIGATION SURVEY, AND IRRIGATION WATER USE ANALYSIS.
(A) ALL LANDSCAPE IRRIGATION AUDITS SHALL BE CONDUCTED BY A CERTIFIED LANDSCAPE IRRIGATION AUDITOR.
(B) FOR NEW CONSTRUCTION AND REHABILITATED LANDSCAPE PROJECTS INSTALLED AFTER JANUARY 1, 2010, AS DESCRIBED IN SECTION 492.1.
(1) THE PROJECT APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE CERTIFICATE OF COMPLETION TO THE LOCAL AGENCY THAT MAY INCLUDE, BUT IS NOT LIMITED TO: INSPECTION, SYSTEM START-UP, SYSTEM TEST WITH DISTRIBUTION UNIFORMITY, REPORTING OVERSPRAY OR RUN OFF THAT CAUSES OVERLAND FLOW, AND PREPARATION OF AN IRRIGATION SCHEDULE.
(2) THE LOCAL AGENCY SHALL ADMINISTER PROGRAMS THAT MAY INCLUDE, BUT NOT BE LIMITED TO, IRRIGATION WATER USE ANALYSIS, IRRIGATION AUDITS, AND IRRIGATION SURVEYS FOR COMPLIANCE WITH THE MAXIMUM APPLIED WATER ALLOWANCE.
NOTE: AUTHORITY CITED: SECTION 65595, GOVERNMENT CODE. REFERENCE: SECTION 65596, GOVERNMENT CODE.

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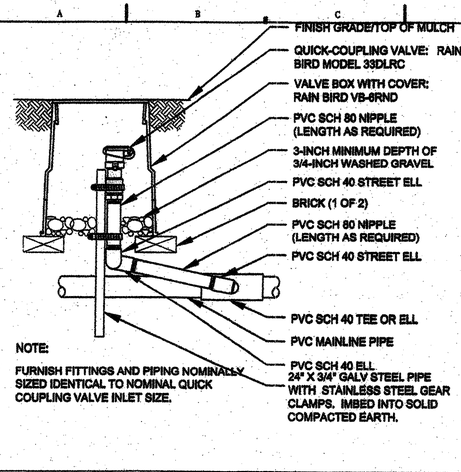
PHASE 1

LANDSCAPE PLANTING PLAN

DATE 2-7-13
SCALE AS NOTED
DRAWN J. SISCO
JOB
PERMIT NO.

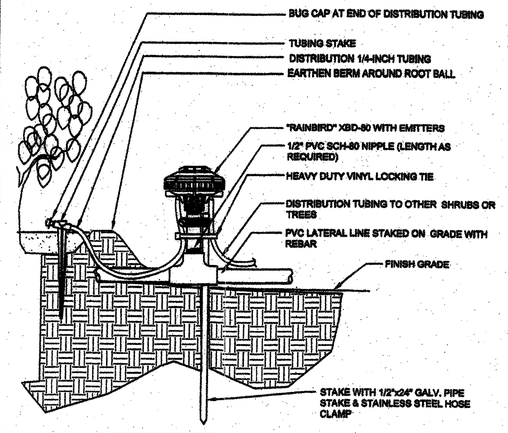
L - 3



NOTE:

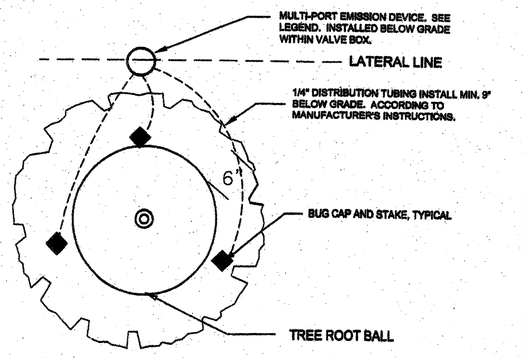
FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

QUICK COUPLER NTS

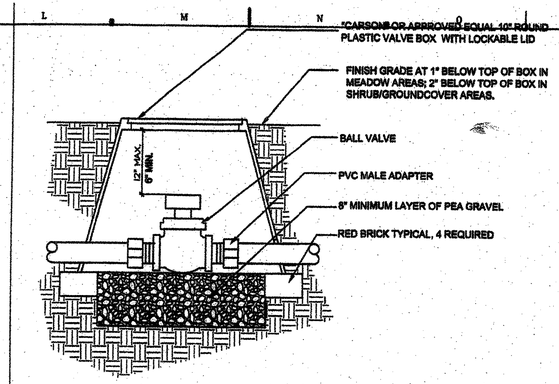


MULTI-OUTLET – SLOPE NTS

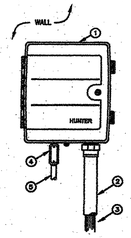
NOTES:
DRIP SYSTEM TREE CONFIGURATION: INSTALL 3 EMITTERS AROUND TREE ROOT BALL SHOWN. INSTALL 3-7 GPH SINGLE OUTLET EMITTER'S PER TREE. EMITTER'S SHALL BE MINIMUM OF 6" OUTSIDE ROOT BALL.



TREE EMITTER INSTALLATION NTS



BALL VALVE NTS



ET CONTROLLER WATERING SCHELULE

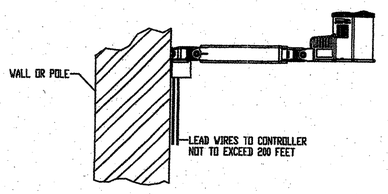
THIS CONTROLLER SHALL BE INSTALLED AS AN ET CONTROLLER BY USING THE HUNTER SOLAR SYNC. IT USES WEATHER DATA FROM AN ON-SITE WEATHER STATION. THIS ALLOWS THE CONTROLLER TO ADJUST SEASONALLY AND SHUT OFF WHEN TEMPERATURES REACH LESS THEN 37 DEGREES. INSTALL PER MANUFACTURER'S SPECIFICATIONS.

ET ADJUSTMENTS MUST BE ACTIVE PRIOR TO CERTIFICATE OF OCCUPANCY.

1. ET CONTROLLER: HUNTER (SEE LEGEND FOR MODEL) INDOOR/OUTDOOR WALL MOUNT
2. 2-INCH PVC SCH 40 CONDUIT AND FITTINGS
3. WIRES TO REMOTE CONTROL VALVES
4. JUNCTION BOX
5. 1-INCH PVC SCH 40 CONDUIT AND FITTINGS TO POWER SUPPLY

IR 116H NTS ET CONTROLLER & WATERING SCHELULE HUNTER

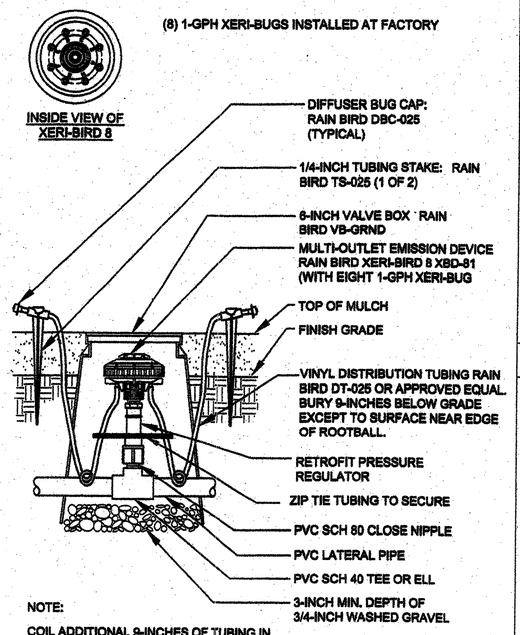
NTS



NOTES:
MOUNT SOLAR-SYNC ON ANY SURFACE WHERE IT WILL BE EXPOSED TO UNOBSTRUCTED RAINFALL, FULL SUN, BUT NOT IN THE PATH OF SPRINKLER SPRAY.

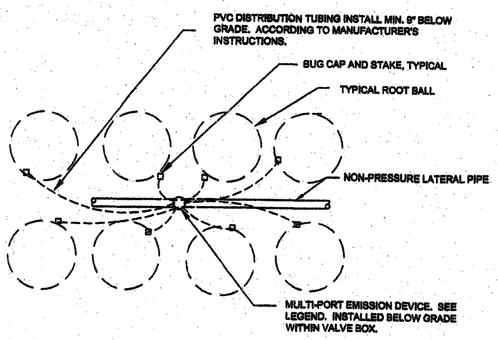
IR 116H NTS HUNTER SOLAR-SYNC INSTALLATION DETAIL

NTS

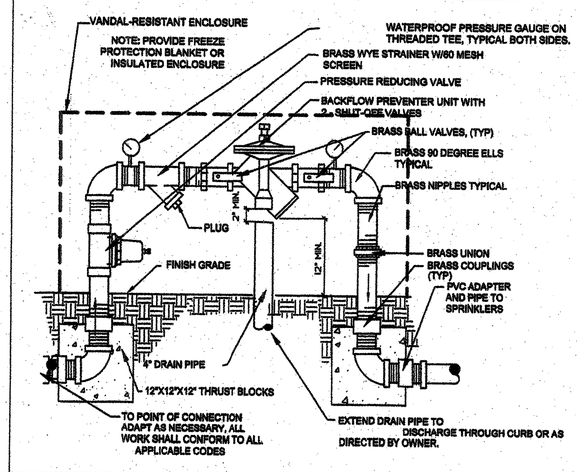


NOTE:
COIL ADDITIONAL 9-INCHES OF TUBING IN VALVE BOX TO FACILITATE MAINTENANCE.

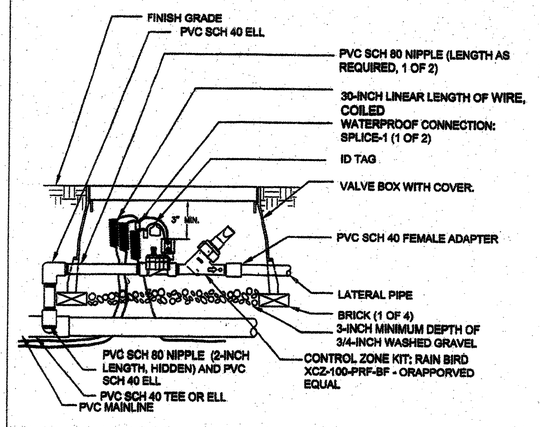
MULTI PORT EMISSION DEVICE NTS



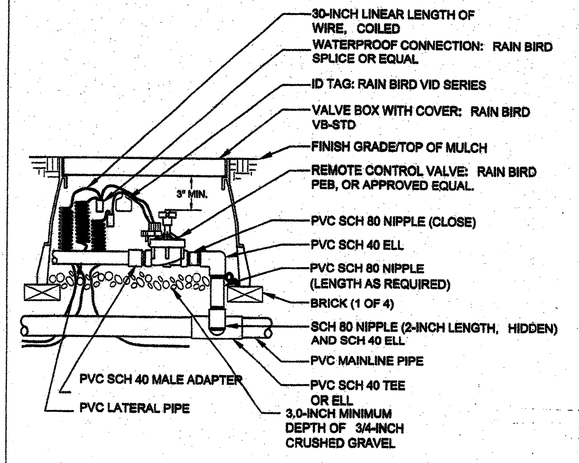
MULTI OUTLET PLAN NTS



BACKFLOW INSTALLATION NTS



DRIP RCV ASSEMBLY



MASTER OR SPRAY VALVE NTS

Permit / Case number:

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LANDSCAPE DETAILS

DATE 2/7/13
SCALE AS NOTED
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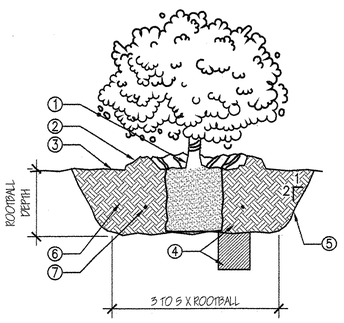
L - 4



1 – LOCATE BUD UNION ABOVE GRADE AND PLACE ROOTBALL ON UNDISTURBED SOIL. SURFACE OF CONTAINER MEDIA SHOULD BE AT OR SLIGHTLY ABOVE FINISH GRADE.

2 — FORM A 2–INCH DEEP BASIN AROUND SHRUB.

3 – FINISH GRADE

4 — FILL EXCAVATED HOLE WITH WATER TO TEST FOR FOR DRAINAGE. IF WATER IS STILL STANDING AFTER 24 HOURS, AUGER A 6"DIA. HOLE 1' TO 3' DEEP THROUGH HARDPAN.

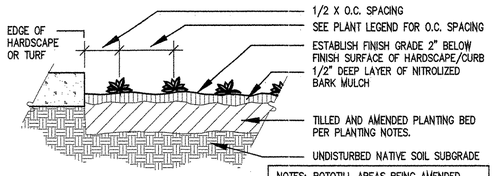
5 – WALLS OF UNDISTURBED SOIL TO BE ROUGH AND SLOPING 1:2.

6 — AMENDED BACKFILL. (PER PLANTING NOTES)

7 – FERTILIZER TABLETS OR MYCORRHIZAL PILLS. (PER PLANTING NOTES)

SHRUB DETAIL

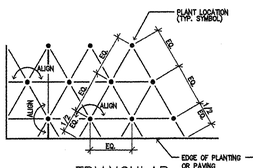
SCALE: N.T.S.



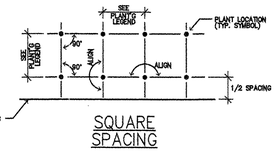
SECTION

NOTES: ROTOTILL AREAS BEING AMENDED TO A DEPTH OF 6". BLEND AMENDMENTS INTO NATIVE SOIL TO AVOID ANY DISTINCT SOIL HORIZON.

SEE PLANTING LEGEND FOR SPACING DIMENSIONS



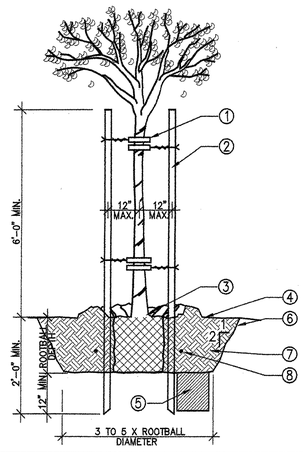
TRIANGULAR SPACING



SQUARE SPACING

GROUNDCOVER PLANTING

SCALE: N.T.S.



1 – TREE TIES

2 — 2–2"ø X 10'–0" LODGE POLE PINE STAKES AT LEAST 2" OUTSIDE OF ROOTBALL. STAKES TO BE STAINED SAGE GREEN.

3 – LOCATE BUD UNION ABOVE GRADE AND PLACE ROOTBALL ON UNDISTURBED SOIL. SURFACE OF CONTAINER MEDIA SHOULD BE AT OR SLIGHTLY ABOVE FINISH GRADE.

4 — FINISH GRADE

5 – FILL EXCAVATED HOLE WITH WATER TO TEST FOR FOR DRAINAGE. IF WATER IS STILL STANDING AFTER 24 HOURS, AUGER A 6"DIA. HOLE 1' TO 3' DEEP THROUGH HARDPAN.

6 — WALLS OF UNDISTURBED SOIL TO BE ROUGH AND SLOPING 1:2.

7 – AMENDED BACKFILL. (PER PLANTING NOTES)

8 — FERTILIZER TABLETS OR MYCORRHIZAL PILLS. (PER PLANTING NOTES)

TREE STAKING

SCALE: N.T.S.

MONTH DEC, JAN, FEB, & MAR.

valve no.	valve size	flow (GPM)	irr. effcy (IE)	irr. type	area (sq. ft.)	plant type	precip. rate (in/min.)	plant factor (PF)	runtime (min.)	no. of cycles	frequency per week	total monthly (gallons)
1	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
2	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
3	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
4	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
5	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
6	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
7	1"		0.9	DRIP	3600	SHRUB		0.5	30	1	3	2300
8	1"		0.9	DRIP	25	TREE		0.5	30	1	3	312
9	1"		0.9	DRIP	25	TREE		0.5	30	1	3	312
TOTAL												16,724

MONTH APR, MAY, OCT, & NOV

valve no.	valve size	flow (GPM)	irr. effcy (IE)	irr. type	area (sq. ft.)	plant type	precip. rate (in/min.)	plant factor (PF)	runtime (min.)	no. of cycles	frequency per week	total monthly (gallons)
1	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
2	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
3	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
4	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
5	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
6	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
7	1"		0.9	DRIP	3600	SHRUB		0.5	45	1	3	3445
8	1"		0.9	DRIP	25	TREE		0.5	45	1	3	468
9	1"		0.9	DRIP	25	TREE		0.5	45	1	3	468
TOTAL												25,051

MONTH JUN, JUL, AUG, & SEP.

valve no.	valve size	flow (GPM)	irr. effcy (IE)	irr. type	area (sq. ft.)	plant type	precip. rate (in/min.)	plant factor (PF)	runtime (min.)	no. of cycles	frequency per week	total monthly (gallons)
1	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
2	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
3	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
4	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
5	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
6	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
7	1"		0.9	DRIP	3600	SHRUB		0.5	60	1	3	4600
8	1"		0.9	DRIP	25	TREE		0.5	60	1	3	624
9	1"		0.9	DRIP	25	TREE		0.5	60	1	3	624
TOTAL												35,448

IRRIGATIION SCHEDULE

ALL REQUIREMENTS HEREIN SPECIFIED ARE IN ADDITION TO ANY CODES, PROJECT CONDITIONS AND REGULATIONS OF THE PUBLIC AUTHORITY HAVING JURISDICTION OVER THIS PROJECT. WHERE THE REQUIREMENTS OF CODES AND REGULATIONS CONFLICT WITH THE PROVISIONS OF THE CONTRACT DOCUMENTS, COMPLY WITH THE MORE STRICT.

1. PROVIDE PLANTING IN THE AREAS SHOWN WITH PLANTS IN A HEALTH, VIGOROUS CONDITION. ANY ITEMS NOT SPECIFICALLY SHOWN OR SPECIFIED ON THE DRAWINGS BUT NORMALLY REQUIRED TO CONFORM WITH THE INTENT ARE CONSIDERED A PART OF THE WORK UNLESS IDENTIFIED BEFORE SUBMISSION OF A BID.
2. IF ANY SPECIFIED PLANT IS UNAVAILABLE, REQUEST CHANGE IN WRITING TO THE PROJECT MANAGER. UNAUTHORIZED PLANT CHANGES WILL BE REJECTED, DELAYING PROGRESS PAYMENTS UNTIL RESTORED TO THE PLAN.
3. SUBMIT REQUEST FOR INSPECTION OF TAGGED PLANTS AT LEAST TWO WEEKS BEFORE THEY ARE NECESSARY TO THE PLANTING SCHEDULE. PLANTS NOT APPROVED BEFORE DELIVERY ARE SUBJECT TO INSPECTION AND REJECTION.
4. DELIVERABLES
   A. QUANTITY OF FERTILIZER DELIVERED.
   B. QUANTITY OF SOIL AMENDMENTS DELIVERED.
   C. QUANTITY OF SEED DELIVERED.
   D. QUANTITY OF AGRICULTURAL GYPSUM DELIVERED.
5. NOTIFY THE PROJECT MANAGER IF IT IS CLEAR THAT PLANTING MAY DAMAGED BY THE WORK OF ANOTHER SUBCONTRACTOR. FAILURE TO DO SO WILL RESULT IN THE LANDSCAPE CONTRACTOR BEING RESPONSIBLE TO REPLANT AT HIS COST.
6. HANDLE PLANTS CAREFULLY PROTECTING THEM FROM WIND, EXCESSIVE SUNLIGHT AND OTHER DAMAGE. WATER PLANTS DAILY OR AS REQUIRED TO PRESERVE THEIR INITIAL QUALITY.
7. VERIFY THE LOCATION OF UNDERGROUND UTILITIES AND OTHER CONDITIONS THAT MAY AFFECT THE WORK. FAILURE TO DO SO WILL THE LANDSCAPE CONTRACTOR'S RESPONSIBILITY.
8. PROTECT EXISTING FACILITIES AND STRUCTURES FROM DAMAGE. AVOID DAMAGE TO EXISTING TREE PROTECTION FENCING OTHER THAN TO CLEAR DEBRIS. DO NOT ENTER THE PROTECTED ZONE OF OAK TREES.
9. GUARANTEE PLANTS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE OF THE WORK.
10. AFTER NOTIFICATION OF DEAD PLANTS BY THE OWNER, PROMPTLY FURNISH AND INSTALL PLANTS MEETING THE ORIGINAL SPECIFICATIONS.
11. PROVIDE 8–8–4 COMMERCIAL FERTILIZER UNIFORM IN COMPOSITION FREE FLOWING, DELIVERED TO THE SITE IN MOISTURE PROOF CONTAINERS. EACH FULLY LABELED, CONFORMING TO FERTILIZER LAWS AND BEARING THE NAME OF THE MANUFACTURER. PROVIDE 20 LBS. OF COMMERCIAL FERTILIZER PER 1000 SF.
12. PROVIDE AGROWIN AGROMULCH SOIL AMENDMENT. SOURCE: (805-482-8749). RATE: 6 CY PER 1000 SF
13. PRE-PLANTING HERBICIDE: ROUND-UP OR EQUAL. RATE: PER MANUFACTURER
14. PRE-EMERGENT WEED CONTROL: RONSTAR-G, PREFLAN, EPTAM, VEGTEX OR EQUAL.
15. PLANT MATERIAL SHALL BE TRUE TO TYPE AND NOMENCLATURE IN ACCORDANCE WITH AJOHN STANDARDIZED PLANT NAMES AND EACH PLANT SHALL BE PROPERLY IDENTIFIED WITH LEGIBLE LABELS.
16. LAWN (WHERE APPLICABLE) SHALL BE MARATHON II-E DWARF FESCUE SOD.
17. WOOD STAKES - 2" DIAMETER ROUND KNOT FREE LODGEPOLE PINE, TREATED WITH PENTACHLORA-PHENOL
18. TREE TIES: NEW RUBBER HOSE TIES OR APPROVED EQUAL.
19. UNIFORMLY DISTRIBUTE SOIL AMENDMENT AND FERTILIZER OVER ALL AREAS. ROTOTILL IN TWO DIRECTIONS THE TOP SIX INCHES OF ALL PLANTING AREAS TO EVENLY INCORPORATE AMENDMENTS INTO THE SOIL.
20. ALL GRADING SHALL CONFORM TO CALIFORNIA BUILDING CODE AND ALL OTHER CODES HAVING JURISDICTION OVER THE WORK.
21. MAINTAIN FLOW LINES AND DRAINAGE PATTERNS THROUGHOUT THE CONTRACT PERIOD.
22. INSTALL PLANTS IN ROUND HOLES IN ACCORDANCE WITH THE PLANTING DETAILS WITHIN THIS SET OF DOCUMENTS.
23. SET PLANTS WITH THE ROOT BALL SLIGHTLY HIGHER THAN THE SURROUNDING GRADE TO ALLOW FOR SETTLEMENT.
24. BACKFILL PLANT PIT WITH 50% SOIL AND 50% SOIL AMENDMENT THAT IS MIXED AT THE HOLE PRIOR TO PLANTING. WATER THOROUGHLY AND TAMP TO ELIMINATE AIR POCKETS.
25. INSTALL A SAUCER BERM ALL AROUND THE PLANT CAPABLE OF RETAINING 2" OF IRRIGATION WATER.
26. STAKE EACH TREE PER THE DETAIL. TREES 36" OR LARGER SHALL BE GUYED PER THE DETAIL.
27. INSTALL GROUND COVER IN MOIST SOIL IN AREAS AS SHOWN ON THE DRAWINGS IN NEAT STAGGERED ROWS.
28. PROVIDE CONTINUOUS MAINTENANCE OF ALL PLANTINGS UNTIL FINAL ACCEPTANCE OF THE WORK.
29. INSTALL STREET TREES PER THE DETAIL AND UNDER THE INSPECTION AND APPROVAL OF THE PUBLIC AUTHORITY.

PLANTING NOTES

ZONE A - SETBACK ZONE

1. EXTENDS 20 FEET BEYOND THE EDGE OF ANY COMBUSTIBLE STRUCTURE, ACCESSORY STRUCTURE, APPENDAGE OR PROJECTION. OVERHANGS OR OTHER PARTS OF THE STRUCTURE NOT ACCURATELY REFLECTED ON THE PLANS MAY NEGATE THE APPROVAL OF PLANT LOCATION ON THE APPROVED PLAN.
2. IRRIGATION BY AUTOMATIC OR MANUAL SYSTEMS SHALL BE PROVIDED TO LANDSCAPING TO MAINTAIN HEALTHY VEGETATION AND FIRE RESISTANCE.
3. LANDSCAPING AND VEGETATION IN THIS ZONE SHALL CONSIST PRIMARILY OF GREEN LAWNS, GROUND COVERS NOT EXCEEDING 6 INCHES IN HEIGHT, AND ADEQUATELY SPACED SHRUBS. THE OVERALL CHARACTERISTICS OF THE LANDSCAPE SHALL PROVIDE ADEQUATE DEFENSIBLE SPACE IN A FIRE ENVIRONMENT.
4. PLANTS IN ZONE A SHALL BE INHERENTLY HIGHLY FIRE RESISTANT AND SPACED APPROPRIATELY. SPECIES SELECTION SHOULD BE MADE REFERENCING THE FUEL MODIFICATION PLANT LIST. OTHER SPECIES MAY BE UTILIZED SUBJECT TO APPROVAL. FINAL OR REVISED PLANS SUBMITTED AFTER 6 MONTHS FROM THE INITIAL SUBMITTAL WILL HAVE PLANTS IN ALL ZONES EVALUATED BASED ON THE MOST CURRENT FUEL MODIFICATION PLANT LIST AVAILABLE FROM THE FUEL MODIFICATION UNIT.
5. EXCEPT FOR DWARF VARIETIES OR MATURE TREES SMALL IN STATURE, TREES ARE GENERALLY NOT RECOMMENDED WITHIN ZONE A.
6. TARGET SPECIES WILL TYPICALLY NOT BE ALLOWED WITHIN 30 FEET OR MORE OF COMBUSTIBLE STRUCTURES AND MAY REQUIRE REMOVAL IF EXISTING ON SITE.
7. VINES AND CLIMBING PLANTS SHALL NOT BE ALLOWED ON ANY COMBUSTIBLE STRUCTURE REQUIRING REVIEW.

ZONE B - IRRIGATED ZONE

1. EXTENDS FROM THE OUTERMOST EDGE OF ZONE A TO 100 FEET FROM STRUCTURE.
2. IRRIGATION BY AUTOMATIC OR MANUAL SYSTEMS SHALL BE PROVIDED TO LANDSCAPING TO MAINTAIN HEALTHY VEGETATION AND FIRE RESISTANCE.
3. LANDSCAPING AND VEGETATION IN THIS ZONE SHALL TYPICALLY CONSIST PRIMARILY OF GREEN LAWNS, GROUND COVERS, AND ADEQUATELY SPACED SHRUBS AND TREES.
4. UNLESS OTHERWISE APPROVED, GROUND COVERS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 6 INCHES IN ZONE B, 12 INCHES IS ACCEPTABLE WITHIN 50 FEET OF A STRUCTURE AND 18 INCHES BEYOND 50 FEET IN ZONE B IF IT IS ON A SLOPE. THE OVERALL CHARACTERISTICS OF THE LANDSCAPE SHALL PROVIDE ADEQUATE DEFENSIBLE SPACE IN A FIRE ENVIRONMENT. SPECIMEN NATIVE PLANTS MAY BE APPROVED TO REMAIN IF PROPERLY MAINTAINED FOR ADEQUATE DEFENSIBLE SPACE. ANNUAL GRASSES AND WEEDS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 3 INCHES.
5. PLANTS IN ZONE B SHALL TYPICALLY BE FIRE RESISTANT AND SPACED APPROPRIATELY. SPECIES SELECTION SHOULD BE MADE REFERENCING THE FUEL MODIFICATION PLANT LIST. OTHER SPECIES MAY BE UTILIZED SUBJECT TO APPROVAL.
6. VEGETATION IN THIS ZONE MAY CONSIST OF MODIFIED EXISTING NATIVE PLANTS, ADEQUATELY SPACED ORNAMENTAL SHRUBS AND TREES, OR BOTH. THERE MAY ALSO BE REPLACEMENT LANDSCAPE PLANTING WITH ORNAMENTAL OR NATIVE SPECIES TO MEET MINIMUM SLOPE COVERAGE REQUIREMENTS OF CITY OR COUNTY AGENCIES OR OTHER LANDSCAPE OR HILLSIDE ORDINANCES. IN ALL CASES THE OVERALL CHARACTERISTICS OF THE SHALL PROVIDE ADEQUATE DEFENSIBLE SPACE IN A FIRE ENVIRONMENT.
7. TARGET SPECIES WILL TYPICALLY NOT BE ALLOWED WITHIN 30 OR MORE FEET OF COMBUSTIBLE STRUCTURES AND MAY REQUIRE REMOVAL IF EXISTING ON SITE. THIS DISTANCE MAY EXTEND TO 50 FEET IF THE SITUATION DECTATES.
8. IRRIGATION SYSTEMS ARE NOT REQUIRED FOR THIS ZONE IF IT CONSISTS ENTIRELY OF NATIVE PLANTS. (NATIVE PLANTS ARE GENERALLY NOT COMPATIBLE WITH REGULAN-SEASONAL SUPPLEMENTAL WATER.)
9. ALL TREES, UNLESS OTHERWISE APPROVED, SHALL BE PLANTED FAR ENOUGH FROM STRUCTURES AND FIRE DEPARTMENT ACCESSES AS TO NOT OVERHANG ANY STRUCTURE OR ACCESS AT MATURITY.

ZONE C - NATIVE BRUSH THINNING ZONE

1. EXTENDS FROM THE OUTERMOST EDGE OF ZONE B UP TO 200 FEET FROM STRUCTURE OR TO PROPERTY LINE.
2. REQUIRED THINNING AND CLEARANCE WILL BE DETERMINED UPON INSPECTION. REQUIRED CLEARANCE MAY INCREASE TO THE MAXIMUM ALLOWED BY FIRE CODE AS NEEDED BECAUSE OF VEGETATION GROWTH.
3. IRRIGATION SYSTEMS ARE NOT REQUIRED FOR THIS ZONE IF IT CONSISTS ENTIRELY OF NATIVE PLANTS. (NATIVE PLANTS ARE GENERALLY NOT COMPATIBLE WITH REGULAR, UN-SEASONAL SUPPLEMENTAL WATER.)
4. VEGETATION IN THIS ZONE MAY CONSIST OF MODIFIED EXISTING NATIVE PLANTS, ADEQUATELY SPACED ORNAMENTAL SHRUBS AND TREES, OR BOTH. THERE MAY ALSO BE REPLACEMENT LANDSCAPE PLANTING WITH ORNAMENTAL OR NATIVE SPECIES TO MEET MINIMUM SLOPE COVERAGE REQUIREMENTS OF CITY OR COUNTY AGENCIES OR OTHER LANDSCAPE OR HILLSIDE ORDINANCES. IN ALL CASES THE OVERALL CHARACTERISTICS OF THE SHALL PROVIDE ADEQUATE DEFENSIBLE SPACE IN A FIRE ENVIRONMENT.
5. PLANTS IN ZONE C SHALL BE SPACED APPROPRIATELY. EXISTING NATIVE VEGETATION SHALL BE MODIFIED BY THINNING AND REMOVAL OF THOSE SPECIES CONSTITUTING A FIRE RISK. THESE SPECIES INCLUDE, BUT ARE NOT LIMITED TO CHAMISE, SAGE, SAGE BRUSH, AND BUCKWHEAT.
6. ANNUAL GRASSES AND WEEDS SHALL BE MAINTAINED AT A HEIGHT NOT TO EXCEED 3 INCHES.
7. GENERAL SPACING FOR EXISTING NATIVE SHRUBS OR GROUPS OF SHRUBS IS 15 FEET BETWEEN CANOPIES. NATIVE PLANTS MAY BE THINNED BY REDUCED AMOUNTS AS THE DISTANCE FROM DEVELOPMENT INCREASES.
8. GENERAL SPACING FOR EXISTING NATIVE TREES OR GROUPS OF TREES IS 30 FEET BETWEEN CANOPIES. THIS DISTANCE MAY INCREASE OR DECREASE DEPENDING ON THE SLOPE, ARRANGEMENT OF THE TREES IN RELATION TO SLOPE, AND THE SPECIES OF TREE.

FIRE ACCESS ROAD ZONE

1. EXTENDS A MINIMUM OF 10 FEET FROM THE EDGE OF ANY PUBLIC OR PRIVATE ROADWAY THAT MAY BE USED AS ACCESS FOR FIRE-FIGHTING APPARATUS OR RESOURCES.
2. CLEAR AND REMOVE FLAMMABLE GROWTH FOR A MINIMUM OF 10 FEET ON EACH SIDE OF FIRE ACCESS ROADS. (FIRE CODE 325.10) ADDITIONAL CLEARANCE BEYOND 10 FEET MAY BE REQUIRED UPON INSPECTION.
3. FIRE ACCESS ROADS, DRIVEWAYS AND TURNAROUNDS SHALL BE MAINTAINED IN ACCORDANCE WITH FIRE CODE. FIRE ACCESS ROADS SHALL HAVE UNOBSTRUCTED VERTICAL CLEARANCE FOR A WIDTH OF 20 FEET. (FIRE CODE 5-3/ 21.)
4. LANDSCAPING AND NATIVE PLANTS WITHIN FIRE ACCESS ROAD ZONE SHALL BE APPROPRIATELY SPACED AND MAINTAINED TO PROVIDE SAFE EGRESS IN WILDLAND FIRE ENVIRONMENTS.
5. ALL TREES, UNLESS OTHERWISE APPROVED, SHALL BE PLANTED FAR ENOUGH FROM STRUCTURES AND FIRE DEPARTMENT ACCESSES AS TO NOT OVERHANG ANY STRUCTURE OR ACCESS AT MATURITY.

MAINTENANCE

1. ROUTINE MAINTENANCE SHALL BE REGULARLY PERFORMED IN ALL ZONES. REQUIREMENTS INCLUDE BUT ARE NOT LIMITED TO THOSE ITEMS IN THE FUEL MODIFICATION GUIDELINES AND THOSE OUTLINED HEREIN.
2. REMOVAL OR THINNING OF UNDESIRABLE COMBUSTIBLE VEGETATION AN OF DEAD OR DYING LANDSCAPING TO MEET MINIMUM BRUSH CLEARANCE REQUIREMENTS.
3. PRUNING AND THINNING TO REDUCE THE OVERALL FUEL LOAD AND CONTINUITY OF FUELS.
4. FUEL LOADS SHALL BE REDUCED BY PRUNING LOWER BRANCHES OF TREES AND TREE-FORM SHRUBS TO ⅓ OF THEIR HEIGHT, OR 6 FEET FROM LOWEST HANGING BRANCHES TO THE GROUND, TO HELP PREVENT FIRE FROM SPREADING AND MAKE MAINTENANCE EASIER. TREES WITH UNDERSTORY PLANTS SHOULD BE LIMBED UP AT LEAST THREE TIMES THE HEIGHT OF THE UNDERLYING VEGETATION OR UP TO HEIGHT OF 40 FEET, WHICHEVER IS LESS, TO HELP PREVENT FIRE FROM SPREADING UPWARD INTO THE CROWN.
5. ACCUMULATED PLANT LITTER AND DEAD WOOD SHALL BE REMOVED. DEBRIS AND TRIMMINGS PRODUCED BY THINNING AND PRUNING SHOULD BE REMOVED FROM THE SITE OR SHIPPED AND EVENLY DISPERSED IN THE AREA TO A MAXIMUM DEPTH OF 6 INCHES.
6. ALL INVASIVE SPECIES AND THEIR PARTS SHOULD BE REMOVED FROM THE SITE.
7. MANUAL AND AUTOMATIC IRRIGATION SYSTEMS SHALL BE MAINTAINED FOR OPERATIONAL INTEGRITY AND PROGRAMMING. EFFECTIVENESS SHOULD BE REGULARLY EVALUATED TO AVOID OVER OR UNDER-WATERING.
8. COMPLIANCE WITH THE FIRE CODE IS A YEAR-ROUND RESPONSIBILITY. ENFORCEMENT WILL OCCUR FOLLOWING INSPECTION BY THE FIRE DEPARTMENT. ANNUAL INSPECTIONS FOR BRUSH CLEARANCE CODE REQUIREMENTS ARE CONDUCTED FOLLOWING THE NATURAL DRYING OF GRASSES AND FINE FUELS, BETWEEN THE MONTHS OF APRIL AND JUNE DEPENDING ON GEOGRAPHIC REGION. INSPECTION FOR COMPLIANCE WITH AN APPROVED FUEL MODIFICATION PLAN MAY OCCUR AT ANY TIME OF YEAR.
9. BRUSH CLEARANCE ISSUES ON ADJACENT PROPERTIES SHOULD BE DIRECTED TO THE COUNTY OF LOS ANGELES FIRE DEPARTMENT'S BRUSH CLEARANCE UNIT AT (626) 969-2375.
10. ALL FUTURE PLANTINGS SHALL BE IN ACCORDANCE WITH THE COUNTY OF LOS ANGELES FIRE DEPARTMENT FUEL MODIFICATION GUIDELINES AND APPROVED PRIOR TO INSTALLATION. CHANGES T THE APPROVED PLAN WHICH REQUIRE AN ADDITIONAL PLAN REVIEW WILL INCUR A PLAN REVIEW FEE.
11. QUESTIONS REGARDING LANDSCAPE PLANTING AND MAINTENANCE WITH REGARD TO FIRE SAFETY SHOULD BE DIRECTED TO THE FIRE DEPARTMENT'S FUEL MODIFICATION UNIT AT (626) 969-5205.

LONG TERM MAINTENANCE AGREEMENT

THE PROPERTY OWNER(S) AGREE TO BE RESPONSIBLE FOR THE LONG TERM MAINTENANCE OF THIS FUEL MODIFICATION PLAN, AS DESCRIBED HEREIN. A COVENANT & AGREEMENT IDENTIFYING THE APPLICABLE FUEL MODIFICATION PLAN WILL BE RECORDED ON THE PARCEL(S) OR CC&R'S APPROVED, PRIOR TO OCCUPANCY BEING GRANTED. NOTIFICATION OF FUEL MODIFICATION REQUIREMENTS IS TO BE MADE UPON SALE TO NEW OWNERS. PROPOSED TO THE FINAL FUEL MODIFICATION PLAN MUST BE SUBMITTED TO THE FUEL MODIFICATION UNIT FOR APPROVAL, PRIOR TO IMPLEMENTATION. PLANS WILL BE REVIEWED BASED ON THE CURRENT PLANT LIST. REGULAR INSPECTIONS WILL BE PREFORMED BY THE FIRE DEPARTMENT TO ENSURE COMPLIANCE WITH THE APPROVED PLAN. FAILURE TO COMPLY WITH THE FUEL MODIFICATION PLAN REQUIREMENTS MAY RESULT IN AN ADMINISTRATIVE FINE OF A LEAST $500 PER VIOLATION, AS WELL AS POSSIBLE LIENS, ASSESSMENT, AND LEGAL ACTION. VIOLATIONS MAY ALSO BE CORRECTED AT THE OWNERS EXPENSE WITH THE COST PLACED ON THE PROPERTY TAX BILL WITH THE ADDITION OF AN ABATEMENT ENFORCEMENT COST OF $648.

Ray Hensley — 02/07/2013
NAME (PRINT) SIGNATURE DATE

NAME (PRINT) SIGNATURE DATE

APPROVAL OF THIS FUEL MODIFICATION PLAN CONSTITUTES APPROVAL FOR ONLY THOSE CODES REVIEWED AS PART OF THE FUEL MODIFICATION PROCESS AND DOES NOT REPLACE THE NEEDED APPROVAL OF ANY OTHER OFFICE OR AGENCY WITH JURISDICTION AND REVIEW RESPONSIBILITY FOR THOSE ITEMS WHICH MAY OR MAY NOT BE ILLUSTRATED ON THE PLAN.

FUEL MODIFICATION NOTES

REVISION	BY

harold a. meier architect
23232 market street newhall california 91321
(661) 288-1081 fax (661) 288-1137

DESERT BREEZE LANDSCAPE & DESIGN
JOHN SISCO - OWNER
661-406-0650
CALIFORNIA LICENSE 882605

ACTON FAITH BIBLE CHURCH
32843 GEM WAY, ACTON, CA 91354
PHASE 1

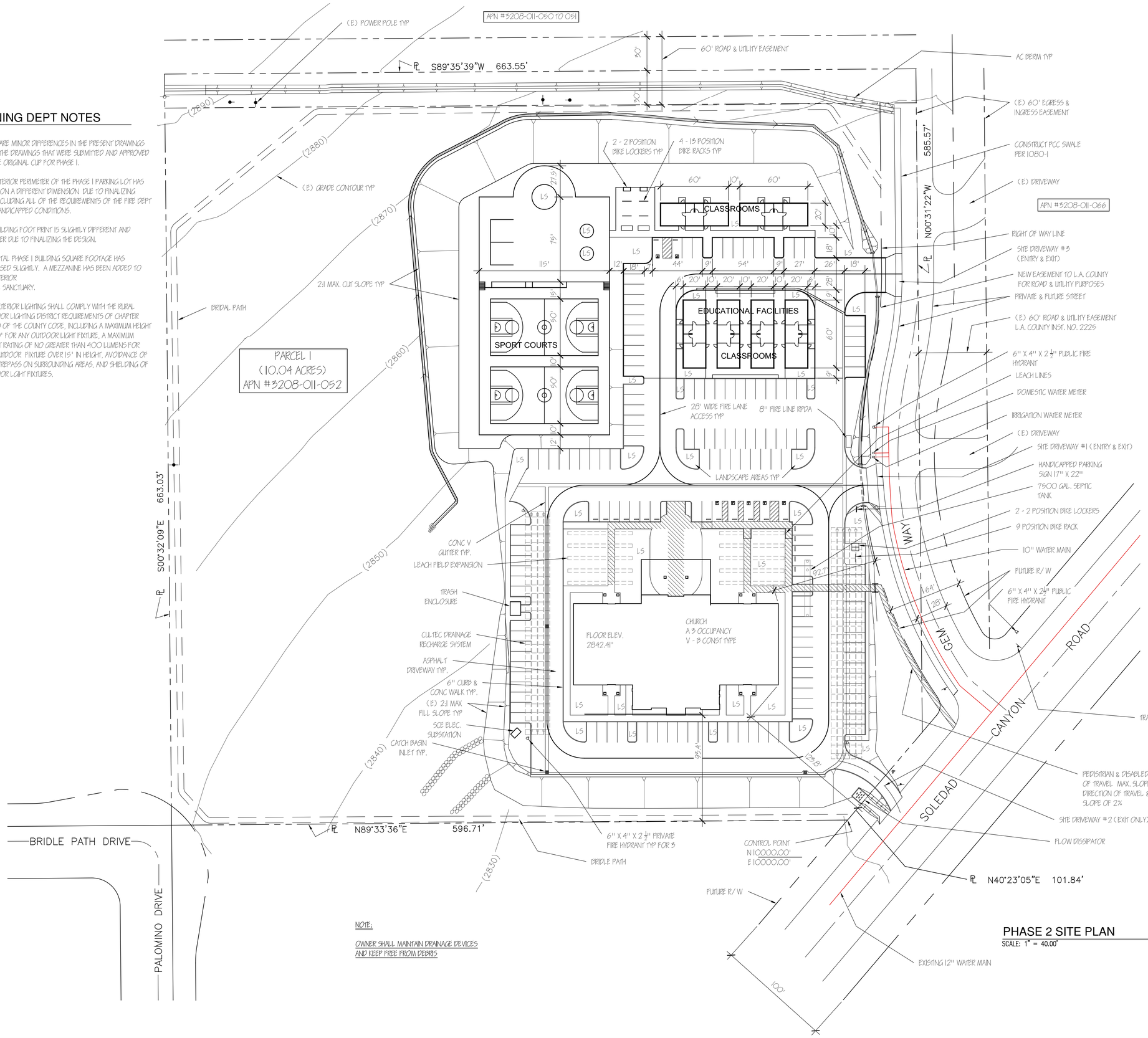
NOTES, SCHEDULES & DETAILS

DATE 2-7-13
SCALE AS NOTED
DRAWN H. MEIER
JOB 0811801
PERMIT NO.

L - 5

PLANNING DEPT NOTES

1. THERE ARE MINOR DIFFERENCES IN THE PRESENT DRAWINGS FROM THE DRAWINGS THAT WERE SUBMITTED AND APPROVED ON THE ORIGINAL CUP FOR PHASE 1.
2. THE EXTERIOR PERIMETER OF THE PHASE 1 PARKING LOT HAS TAKEN ON A DIFFERENT DIMENSION DUE TO FINALIZING AND INCLUDING ALL OF THE REQUIREMENTS OF THE FIRE DEPT AND HANDICAPPED CONDITIONS.
3. THE BUILDING FOOT PRINT IS SLIGHTLY DIFFERENT AND SMALLER DUE TO FINALIZING THE DESIGN.
4. THE TOTAL PHASE 1 BUILDING SQUARE FOOTAGE HAS INCREASED SLIGHTLY. A MEZZANINE HAS BEEN ADDED TO THE INTERIOR OF THE SANCTUARY.
5. ALL EXTERIOR LIGHTING SHALL COMPLY WITH THE RURAL OUTDOOR LIGHTING DISTRICT REQUIREMENTS OF CHAPTER 22.80 OF THE COUNTY CODE, INCLUDING A MAXIMUM HEIGHT OF 20' FOR ANY OUTDOOR LIGHT FIXTURE, A MAXIMUM OUTPUT RATING OF NO GREATER THAN 400 LUMENS FOR ANY OUTDOOR FIXTURE OVER 15' IN HEIGHT, AVOIDANCE OF LIGHT TREPASS ON SURROUNDING AREAS, AND SHIELDING OF OUTDOOR LIGHT FIXTURES.



NOTE:

OWNER SHALL MAINTAIN DRAINAGE DEVICES AND KEEP FREE FROM DEBRIS

PHASE 2 SITE PLAN

SCALE: 1" = 40.00'

TABULATIONS

SITE AREA	437,202 SQ. FT.
PHASE ONE SANCTUARY	
BUILDING AREA	
SANCTUARY	2802.6 SQ. FT.
CLASSROOMS	3646.3 SQ. FT.
NURSERY	602 SQ. FT.
KITCHEN	526.2 SQ. FT.
LIBRARY	251 SQ. FT.
OFFICES	783.8 SQ. FT.
PLATFORM	436.3 SQ. FT.
CRY ROOM	100 SQ. FT.
STORAGE	156 SQ. FT.
EQUIPMENT	412 SQ. FT.
NARTHEX	1048 SQ. FT.
OTHERS	5732.8 SQ. FT.
FUTURE MEZZ.	1504 SQ. FT.
TOTAL BUILDING	16,497 SQ. FT.
PARKING	
PARKING REQUIRED PER PLANNING DEPT.	107 STANDARD 4 HANDICAPPED 1 VAN ACCESSIBLE
TOTAL REQUIRED	112 SPACES
PARKING PROVIDED	125 STANDARD 4 HANDICAPPED 1 VAN ACCESSIBLE
TOTAL PROVIDED	130 SPACES
PHASE TWO CLASSROOM	
BUILDING AREA	7200 SQ.FT.
PARKING	
PARKING REQUIRED PER PLANNING DEPT.	5 STANDARD 1 VAN ACCESSIBLE
TOTAL REQUIRED	6 SPACES
PARKING PROVIDED	28 STANDARD 1 HANDICAPPED 1 VAN ACCESSIBLE
TOTAL PROVIDED	30 SPACES
PROJECT TOTALS	
TOTAL BUILDING	22,193 SQ.FT.
TOTAL PARKING REQUIRED	112 STANDARD 4 HANDICAPPED 2 VAN ACCESSIBLE
TOTAL REQUIRED	118 SPACES
TOTAL PROVIDED	153 STANDARD 5 HANDICAPPED 2 VAN ACCESSIBLE
GRAND TOTAL PROVIDED	160 SPACES

REVISION	BY

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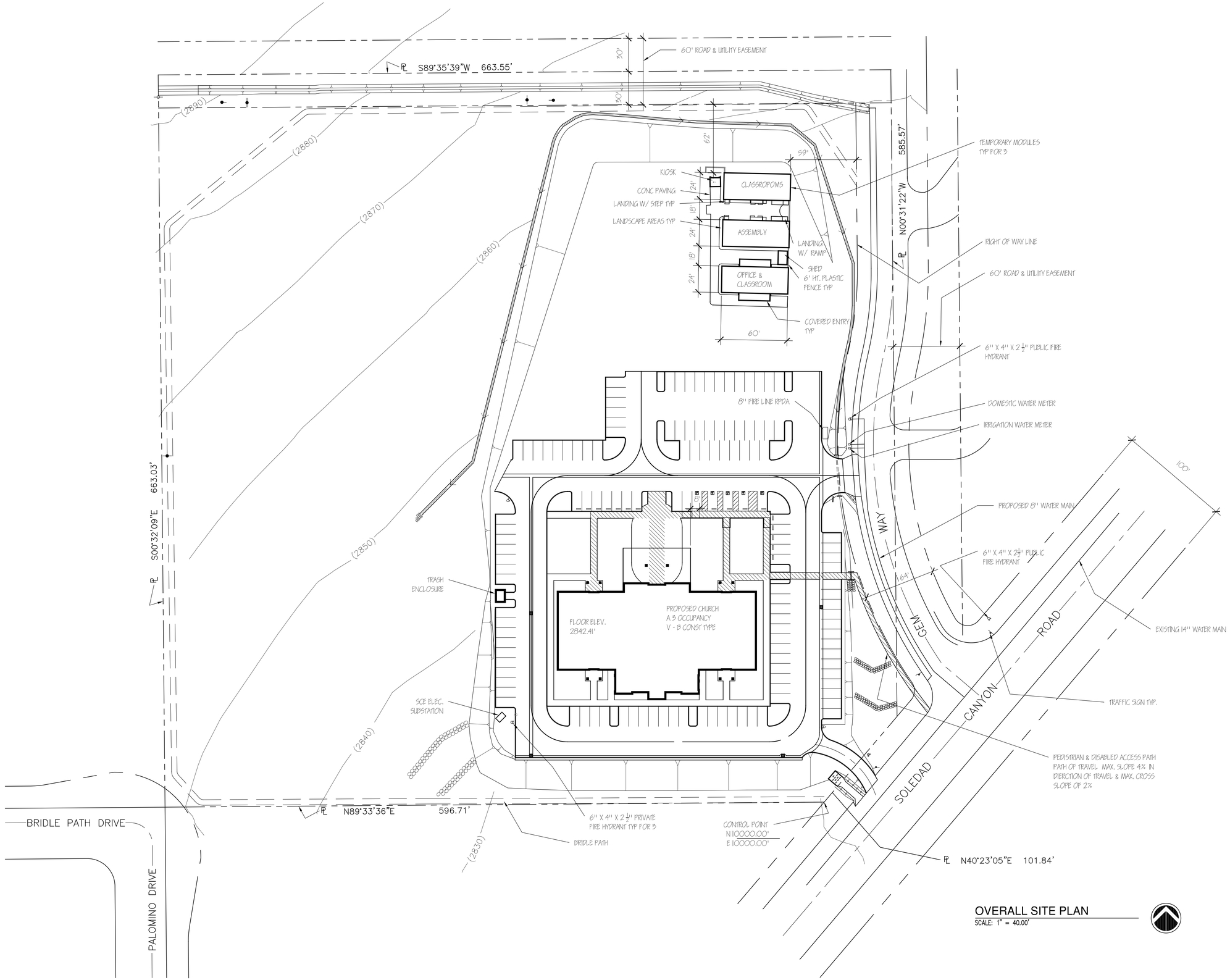
ACTON FAITH BIBLE CHURCH
32643 GEM WAY, ACTON, CA 91350
PHASE 1

PLOT PLAN PHASE 2

DATE 4-26-23
SCALE AS NOTED
DRAWN H. MEIER
JOB 2311801
PERMIT NO.

PS-2.0



OVERALL SITE PLAN
SCALE: 1" = 40.00'

REVISION	BY

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ACTON FAITH BIBLE CHURCH
32843 GEM WAY, ACTON, CA 91350

TEMPORARY MODULE SITE PLAN

DATE	5-17-23
SCALE	AS NOTED
DRAWN	H. MEIER
JOB	2311801
PERMIT NO.	

T-1.0