Cordilleras

Mental Health Center Replacement Project

San Mateo County Department of Public Works and
Health System Behavioral Health and Recovery Services

200 Edmonds Road Redwood City CA 94062

Architecture | Engineering | Planning
Hammel, Green and Abrahamson, Inc.
170 Maiden Lane, 5th Floor
San Francisco, California USA 94108
Telephone 415.814.6910 Facsimile 415.962.2598

100% SCHEMATIC DESIGN

REFERENCE DESIGN DOCUMENT

hga commission number: 3505-005-01

September 30, 2015

NOT FOR CONSTRUCTION

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Total Sheets: 104	

TEAM LIST

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INTERFACE ENGINEERING
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SAN FRANCISCO CA 94103
415.489.7240

CODE ANALYSIS

APPLICABLE CODES:
2013 California Building Code (CBC)
2012 Zoning Code: Planning and Building Department of County of San Mateo

	OCCUPANCY	CONSTRUCTION TYPE
MENTAL HEALTH REHABILITATION CENTER (MHRC)	I-3, CONDITION 2	TYPE V-A
ADULT RESIDENTIAL FACILITY (ARF)	R-2.1	TYPE III-A
CAMPUS CENTER	B	TYPE I-A

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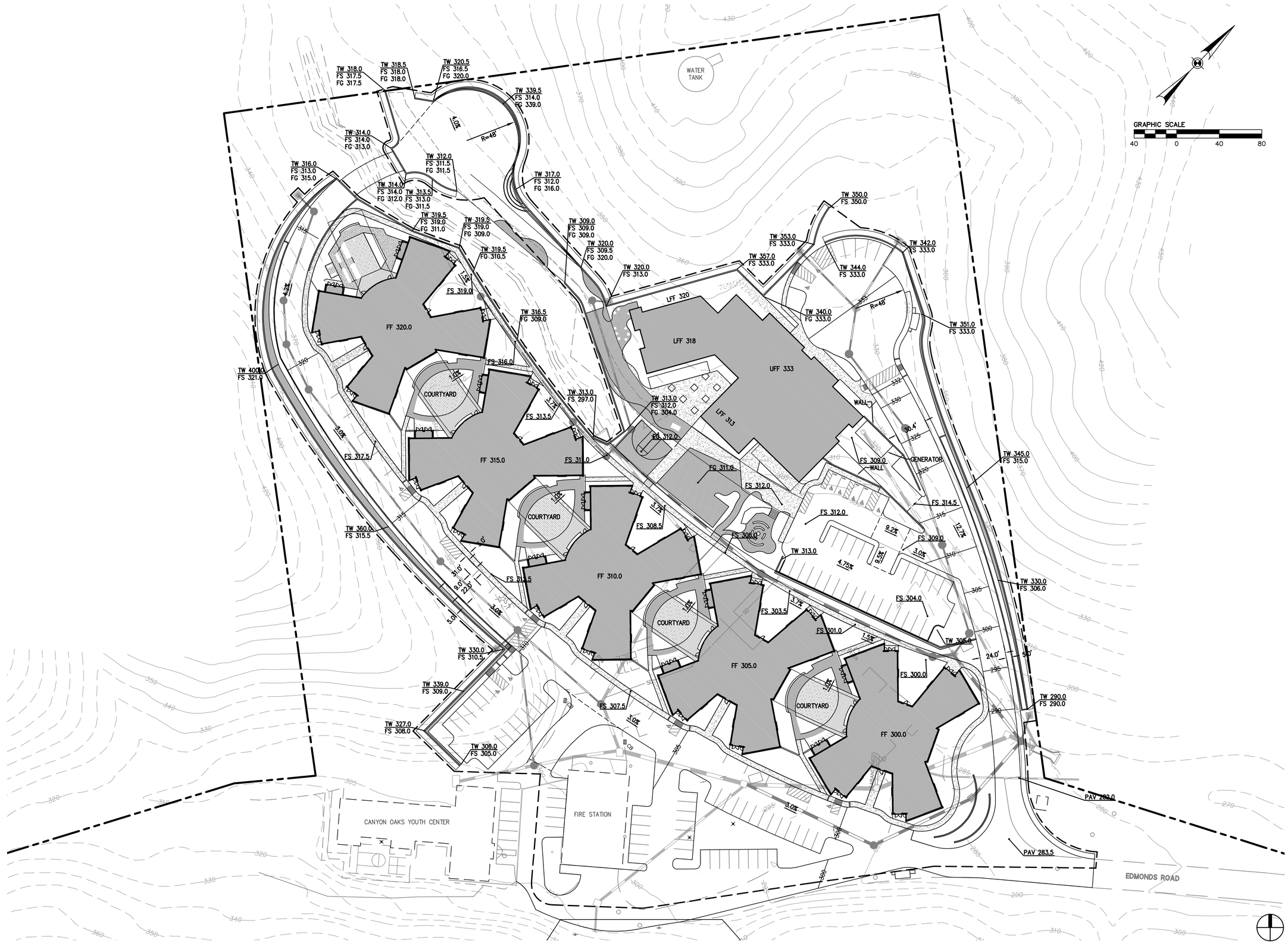


CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY
BEHAVIORAL HEALTH
AND RECOVERY
SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

GRADING PLAN

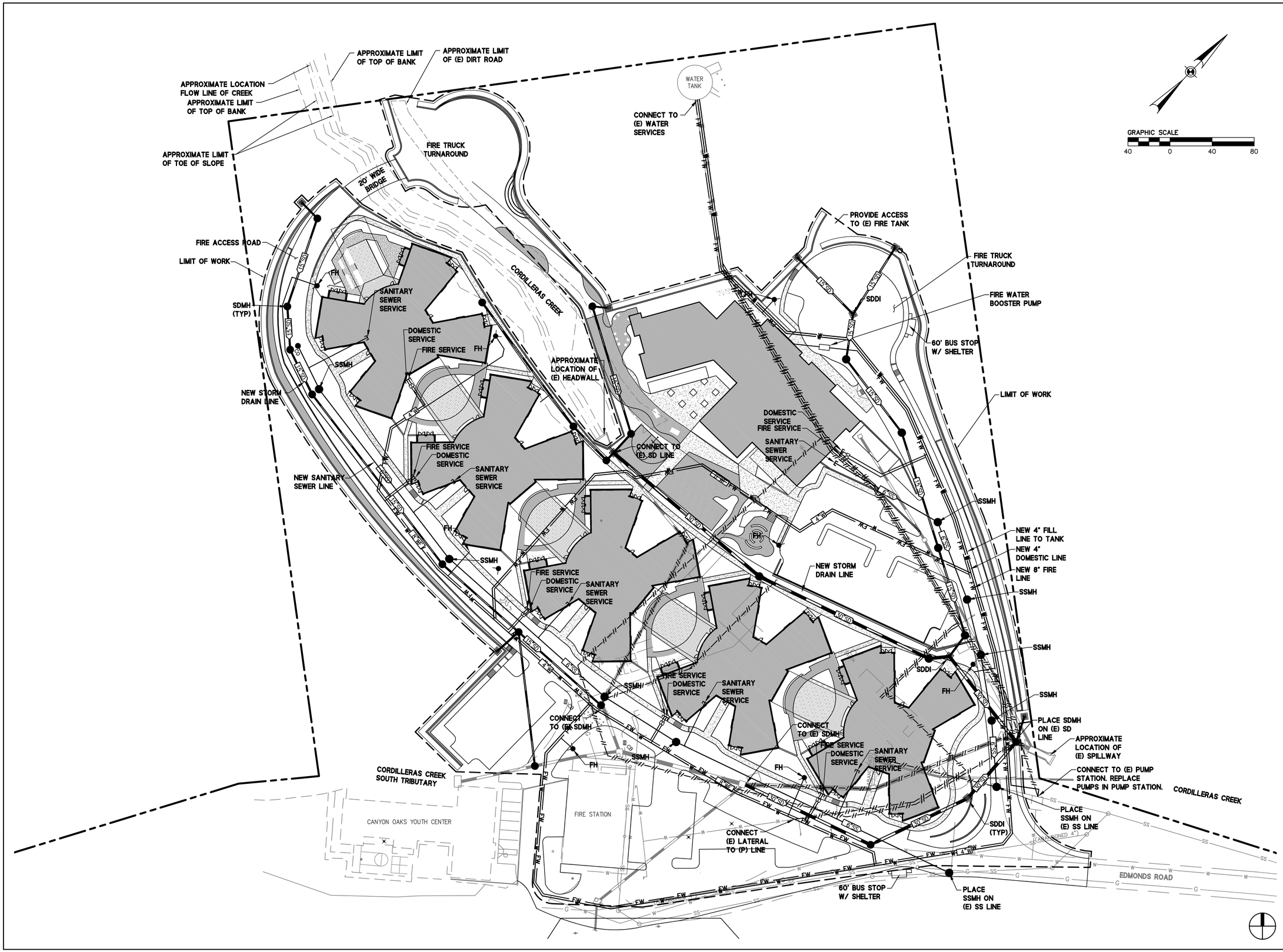
DATE: September 30, 2015

SCHEMATIC DESIGN

C-3.00

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

DRAWING NAME: J:\Eng\A1\140052\DWG\SHEETS\SD\C-300 Grading.dwg (Grading)
PLOT TIME: 9-3-2015 9:04 AM PLOTTED BY: tumi



CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

UTILITY PLAN

DATE: September 30, 2015

SCHEMATIC DESIGN

C-4.00

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

DRAWING NAME: J:\Eng41\140052\DWG\SHEETS\SD\C-400 Utility.dwg (Utility)
PLOT TIME: 9-3-2015 9:10 AM PLOTTED BY: tuml

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

STORMWATER TREATMENT PLAN

DATE: September 30, 2015

SCHEMATIC DESIGN

C-5.00

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

DRAWING NAME: J:\Eng14\140052\DWG\SHEETS\SD\C-500 STP.dwg (STP)
PLOT TIME: 9-3-2015 9:02 AM PLOTTED BY: lumi

GENERAL NOTES

1. THE DRAWINGS AND SPECIFICATIONS DESCRIBE IN GENERAL THE QUALITY AND CHARACTER OF THE MATERIALS, SHAPE AND CONFIGURATION OF IMPROVEMENTS AND THE DESIGN INTENT OF THE COMPLETED, INSTALLED WORK OF THIS SPECIFIC PROJECT AND ONLY THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION COORDINATION, EQUIPMENT, METHODS, AND MATERIALS REQUIRED FOR THE SUCCESSFUL COMPLETION OF THE PROJECT, WHETHER OR NOT MENTIONED IN THE SPECIFICATIONS OR SHOWN ON THE DRAWINGS. THIS INCLUDES BUT IS NOT LIMITED TO THE QUALITY OF WORKMANSHIP AND MATERIALS REQUIRED FOR EXECUTION OF THESE DOCUMENTS AND WORK OR MATERIALS SUPPLIED BY ANY SUBCONTRACTORS. ALL WORK SHALL COMPLY WITH GOVERNING CODES AND ORDINANCES. THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING AND UNDERSTANDING ALL DOCUMENTS AND EXISTING FIELD CONDITIONS AS NECESSARY PRIOR TO BIDDING ON THE PROJECT, AND SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES IN THE DRAWINGS, FIELD CONDITIONS OR DIMENSIONS.

2. SPECIFIC NOTES AND DETAILS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.

3. CONTRACTOR SHALL PROTECT EXISTING FACILITIES FROM DAMAGE. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED IN KIND AT NO ADDITIONAL COST TO THE OWNER. BARRICADES, SIGNS, LIGHTS, ETC., REQUIRED FOR THE PROTECTION OF PUBLIC, PERSONNEL, PROPERTY AND MATERIAL SHALL BE PROVIDED FOR AND MAINTAINED DURING CONSTRUCTION BY THE CONTRACTOR, AND SHALL CONFORM TO ALL GOVERNING CODES, ORDINANCES AND REGULATIONS.

4. CONTRACTOR SHALL PROVIDE ALL TOOLS, TRANSPORTATION, UTILITIES, TEMPORARY FACILITIES, AND OTHER SERVICES AS NECESSARY FOR PROPER EXECUTION OF THE WORK, AND SHALL ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF THESE ELEMENTS DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE IN ADVANCE FOR APPROVAL OF THE MATERIAL STORAGE AREA AT THE JOB SITE.

5. CONTRACTOR IS RESPONSIBLE FOR MATCHING EXISTING STREETS, SURROUNDING LANDSCAPE, AND OTHER IMPROVEMENT WITH A SMOOTH TRANSITION IN PAVING, CURBS, GUTTERS, SIDEWALKS, GRADING, ETC. AND TO AVOID ANY ABRUPT OR APPARENT CHANGES IN GRADES OR CROSS SLOPE, LOW SPOTS, OR HAZARDOUS CONDITIONS.

6. ALL EXISTING UTILITY COVERS SHALL BE PROTECTED UNLESS NOTED OTHERWISE ON THE DRAWINGS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DIFFERENCES IN LOCATIONS OF EXISTING UTILITIES FROM THAT SHOWN, OR ANY CONFLICTS WITH THE DESIGN BEFORE CONTINUING WORK IN THAT AREA. ANY REVISIONS OR ADDITIONAL WORK REQUIRED AS A RESULT OF FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. WORK PERFORMED BY THE CONTRACTOR WITHOUT WRITTEN AUTHORIZATION SHALL BE THE FULL RESPONSIBILITY OF THE CONTRACTOR WHO SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO. ANY AND ALL REVISIONS SHALL BE IN WRITTEN CHANGE ORDER FORM AND APPROVED AND AUTHORIZED BY THE OWNER BEFORE BEGINNING WORK.

7. ALL REVIEWS AND APPROVALS REQUIRED BY LANDSCAPE ARCHITECT REFERENCED WITHIN THESE DRAWINGS SHALL BE DIRECTED TO THE OWNER'S REPRESENTATIVE.

8. SEE CIVIL DRAWINGS FOR STREETS, CURBS, RETAINING WALLS, GRADING, AND DRAINAGE.

9. LIGHTING BY OTHERS, SEE ARCHITECTURAL DRAWINGS.

10. SEE STRUCTURAL DRAWINGS FOR REINFORCEMENT AND RETAINING WALLS.

ABBREVIATIONS

AL	ALIGN
ATP	ALIGN TO PAVERS
AC	ASPHALTIC CONCRETE
AD	AREA DRAIN
ADJ	ADJACENT
AGG	AGGREGATE
ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURE
BX	BOX
BLDG	BUILDING
CAL	CALIPER
CB	CATCH BASIN
CL	CENTER LINE
CLF	CHAIN LINK FENCE
CLR	CLEAR
CO	CLEAN OUT
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CTR	CENTER
DEMO'D	DEMOLISHED
DG	DECOMPOSED GRANITE
DI	DRAIN INLET
DIA	DIAMETER
DWGS	DRAWINGS
EJ	EXPANSION JOINT
ELE TRANS	ELECTRICAL TRANSFORMER
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
(E)	EXISTING
FF&A	FURNITURE FURNISHES & AMENITIES
FFE	FINISH FLOOR ELEVATION
FG	FINISH GRADE
FL	FLOW LINE
FOB	FACE OF BUILDING
FOC	FACE OF CURB
FT	FOOT/FEET
FTG	FOOTING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GB	GRADE BREAK
GC	GALLON CAN
GFRC	GLASS FIBER REINFORCED CONCRETE
GPM	GALLONS PER MINUTE
GR	ENVIRONMENTAL GRAPHICS
GRD	GRADE
HB	HOSE BIB
HORIZ	HORIZONTAL
HT	HEIGHT
ID	INSIDE DIAMETER
IN	INCH
INV	INVERT
IRR	IRRIGATION
LD	LIGHTING DESIGN
LF	LINEAR FEET
MAX	MAXIMUM
MFG	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
(N)	NEW
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OD	OUTSIDE DIAMETER
PA	PLANTING AREA
PAV'T	PAVEMENT
PAVE	PAVING
PERF	PERFORATED
PERP	PERPENDICULAR
PIP	POURED-IN-PLACE
PL	PLATE
POC	POINT OF CONNECTION
PROP	PROPOSED
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL-CHLORIDE
QTY	QUANTITY
R	RADIUS
RB	ROOTBALL
RCP	REINFORCED CONCRETE PIPE
REBAR	REINFORCING BAR
REQ'D	REQUIRED
RGH	ROUGH
RIM	RIM ELEVATION
RMU	RETAIL MERCHANDISING UNIT
RWD	REDWOOD
SAD	SEE ARCHITECTURE DRAWINGS
SED	SEE ELECTRICAL DRAWINGS
SSD	SEE STRUCTURAL DRAWINGS
SCD	SEE CIVIL DRAWINGS
SD	STORM DRAIN
SECT	SECTION
SHT	SHEET
SJ	SCORE JOINT
SPEC'ED	SPECIFIED
SPECS	SPECIFICATIONS
SPR	SPREAD
SQ	SQUARE
SF	SQUARE FEET
S.S.	STAINLESS STEEL
STD	STANDARD
STL	STEEL
STPA	STORMWATER TREATMENT PLANTING AREA
SW	SIDEWALK
TBD	TO BE DETERMINED
TC	TOP OF CURB
TS	TUBULAR STEEL
TW	TOP OF WALL
TYP	TYPICAL
UBC	UNIFORM BUILDING CODE
UON	UNLESS OTHERWISE NOTED
VCP	VITRIFIED CLAY PIPE
VERT	VERTICAL
W	WATER LINE
W/	WITH
@	AT

LANDSCAPE SHEET INDEX

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L-4.05	PLANTING PLAN E
L-4.06	PLANTING PLAN F
L-4.07	PLANTING PLAN G

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MILL VALLEY CA 94941
415.383.7900

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

△NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

GENERAL NOTES AND ABBRIVIATIONS

DATE: September 30, 2015

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L-0.01

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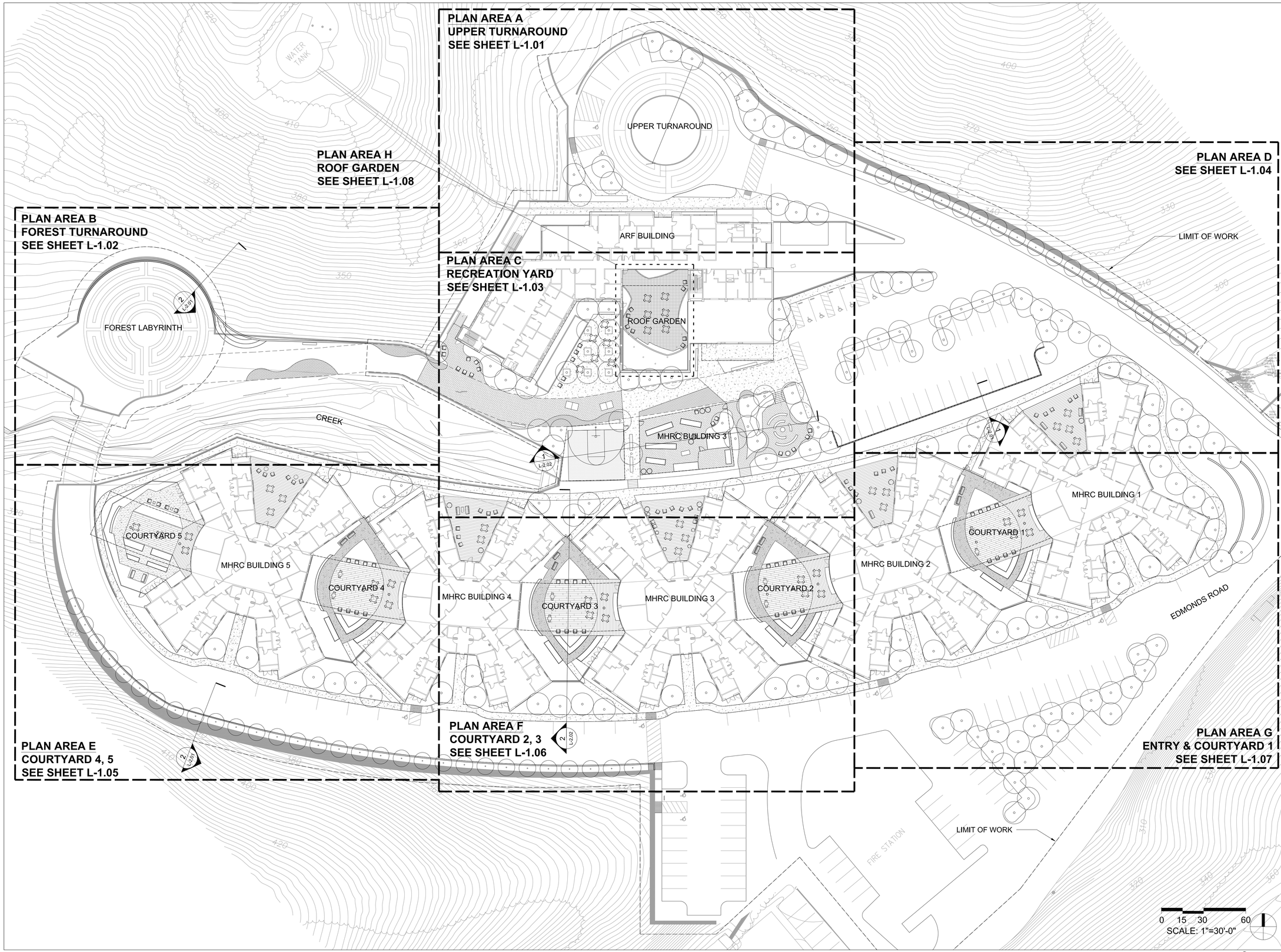

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LANDSCAPE REFERENCE PLAN

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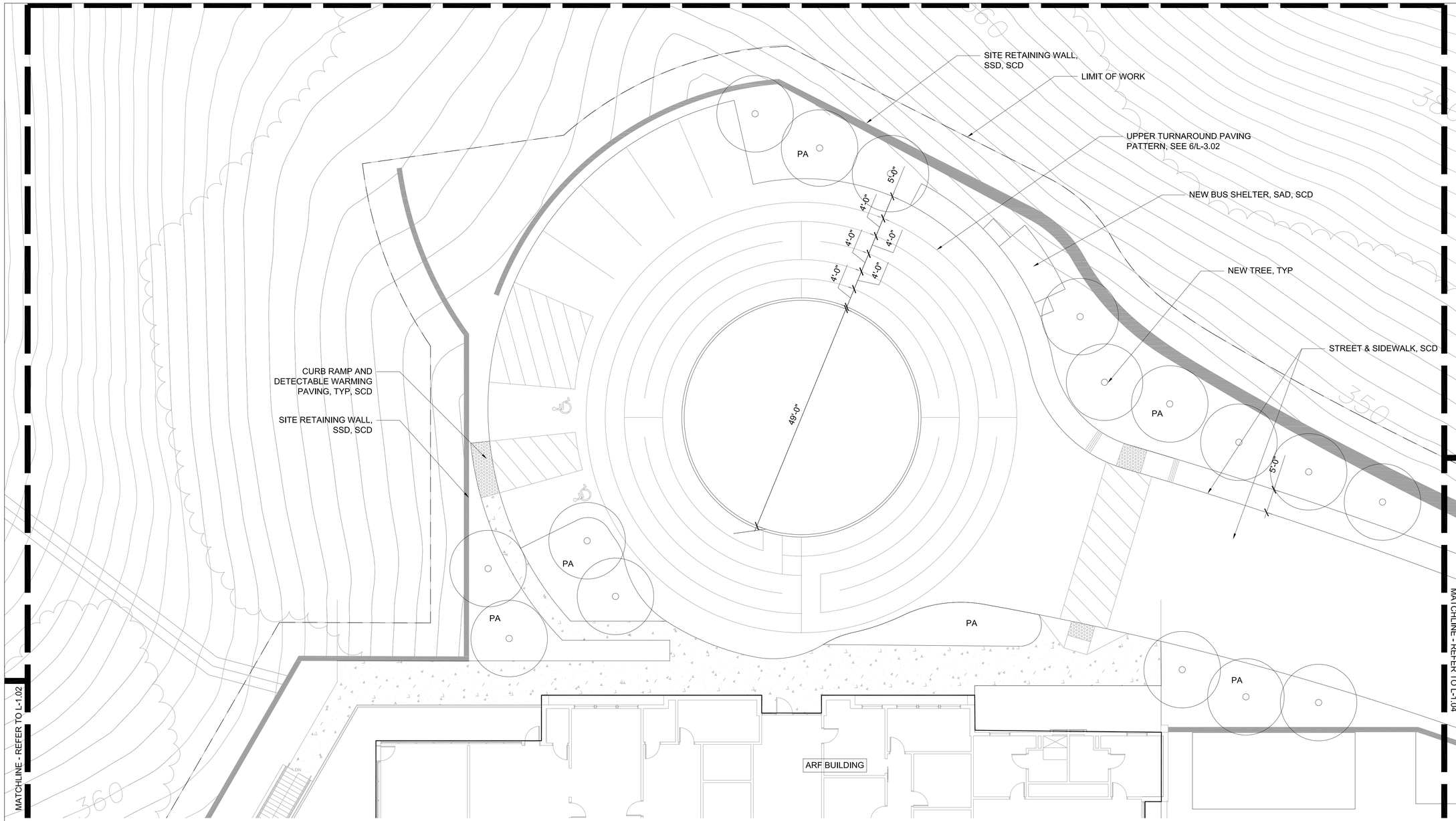

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

0 5 10 20
SCALE: 1"=10'-0"

170 Maiden Lane, 5th Floor
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Telephone 415.814.6910

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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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HGA NO: 3505-005-01

CONSTRUCTION PLAN A

DATE: September 30, 2015

SCHEMATIC DESIGN

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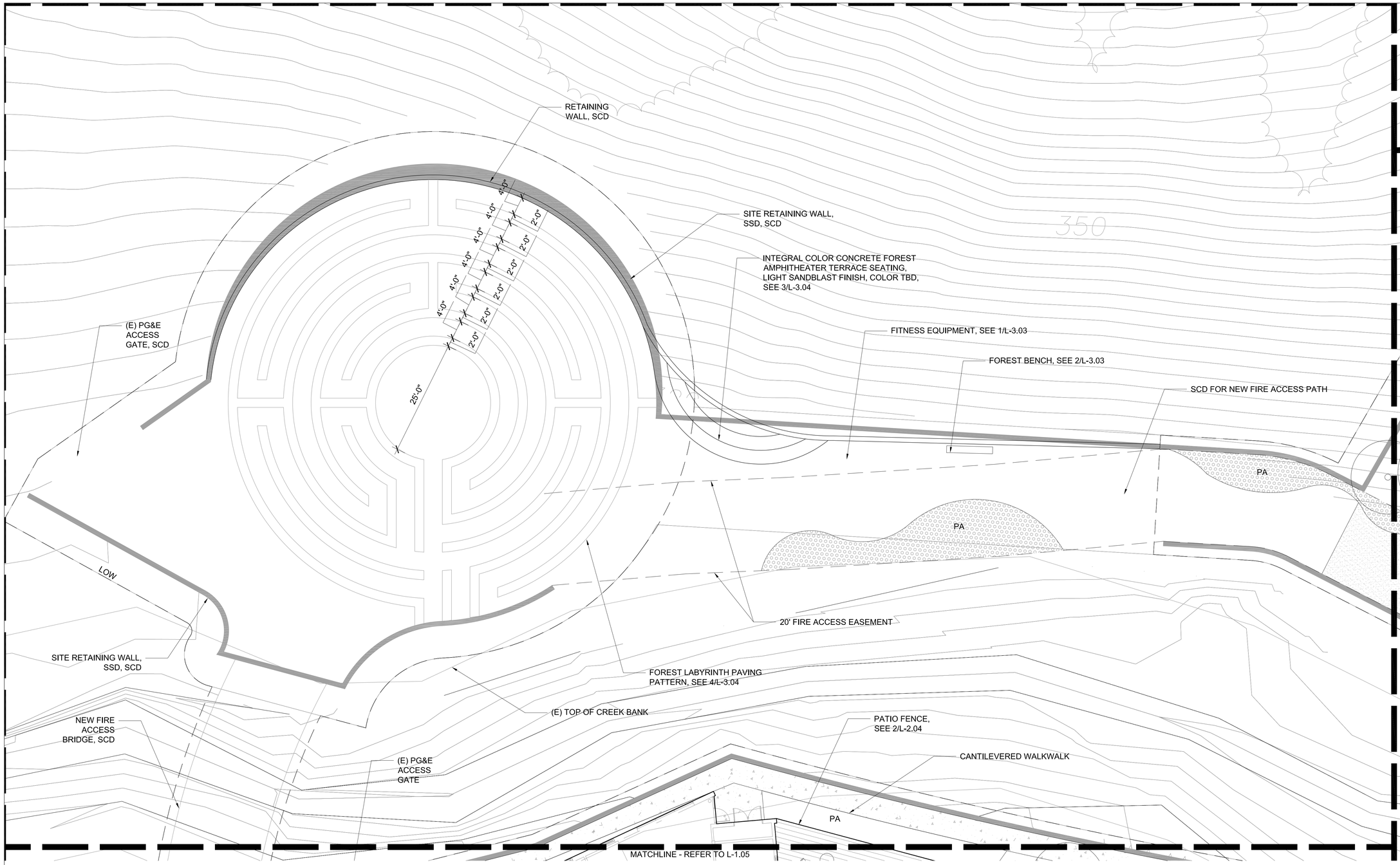

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

0 5 10 20
SCALE: 1"=10'-0"

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COUNTY OF SAN MATEO FOUNDED 1856

CORDILLERAS

REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

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HGA NO: 3505-005-01

CONSTRUCTION PLAN B

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.02

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MATCHLINE - REFER TO L-1.01

2F ROOF GARDEN
SEE L-1.08

LOADING DOCK, SAD

RETAINING WALL, SCD

STPA

RECREATION YARD
BENCH, SEE 5/L-3.03

PATIO TABLES, TYP
OF 13, SEE 4/L-3.03

BOCCE BALL COURT,
SEE 4/L-3.02

PING PONG TABLE,
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MAIN ENTRY

RECREATION YARD
BENCH, SEE 5/L-3.03

PARKING LOT AND CURB,
SCD

ENTRY CANOPY, SAD

20' FIRE ACCESS
EASEMENT

RECREATION YARD
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RECREATION YARD
TERRACE SEATWALLS,
SEE 3/L-3.05

PLANTER POTS, TYP OF
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VINYL CHAIN LINK
FENCE, SEE 2/L-3.01

GATE

15" TREAD, 6" RISER
STAIRS WITH HANDRAIL

RAISED VEGETABLE
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GATE

RECREATION YARD
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NEW TREE, TYP

RETAINING
WALL, SCD

GREEN
SCREEN
GUARDRAIL,
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LIMIT OF WORK

BASKETBALL GOAL

VINYL CHAIN LINK
FENCE, SEE 2/L-3.01

CREEK

BASKETBALL COURT,
SEE SPECS

WOOD FOOTBRIDGE
OVER BIOSWALE

PATIO FENCE,
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(E) HEADWALL AND
TRASH RACK, TO
REMAIN

RELOCATED (E)
GREENHOUSE

ANIMAL PEN,
SEE 5/L-3.02

RECREATION YARD
BENCH, SEE 5/L-3.03

WATER FEATURE,
SEE 6/L-3.04

WOOD FOOTBRIDGE
OVER BIOSWALE

WORK TABLE

STORAGE SHED

PA

STPA

MATCHLINE - REFER TO L-1.02

MATCHLINE - REFER TO L-1.04

MATCHLINE - REFER TO L-1.06

MATCHLINE - REFER TO L-1.07

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

0 5 10 20
SCALE: 1"=10'-0"

170 Maiden Lane, 5th Floor
San Francisco, California 94108
Telephone 415.814.6910

STRUCTURAL ENGINEER
HGA
1410 ROCKY RIDGE DRIVE
SUITE 250
ROSEVILLE CA 95661
916.787.5102

LANDSCAPE ARCHITECT
RHAA
225 MILLER AVENUE
MILL VALLEY CA 94941
415.383.7900

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY
BEHAVIORAL HEALTH
AND RECOVERY
SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

CONSTRUCTION
PLAN C

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.03

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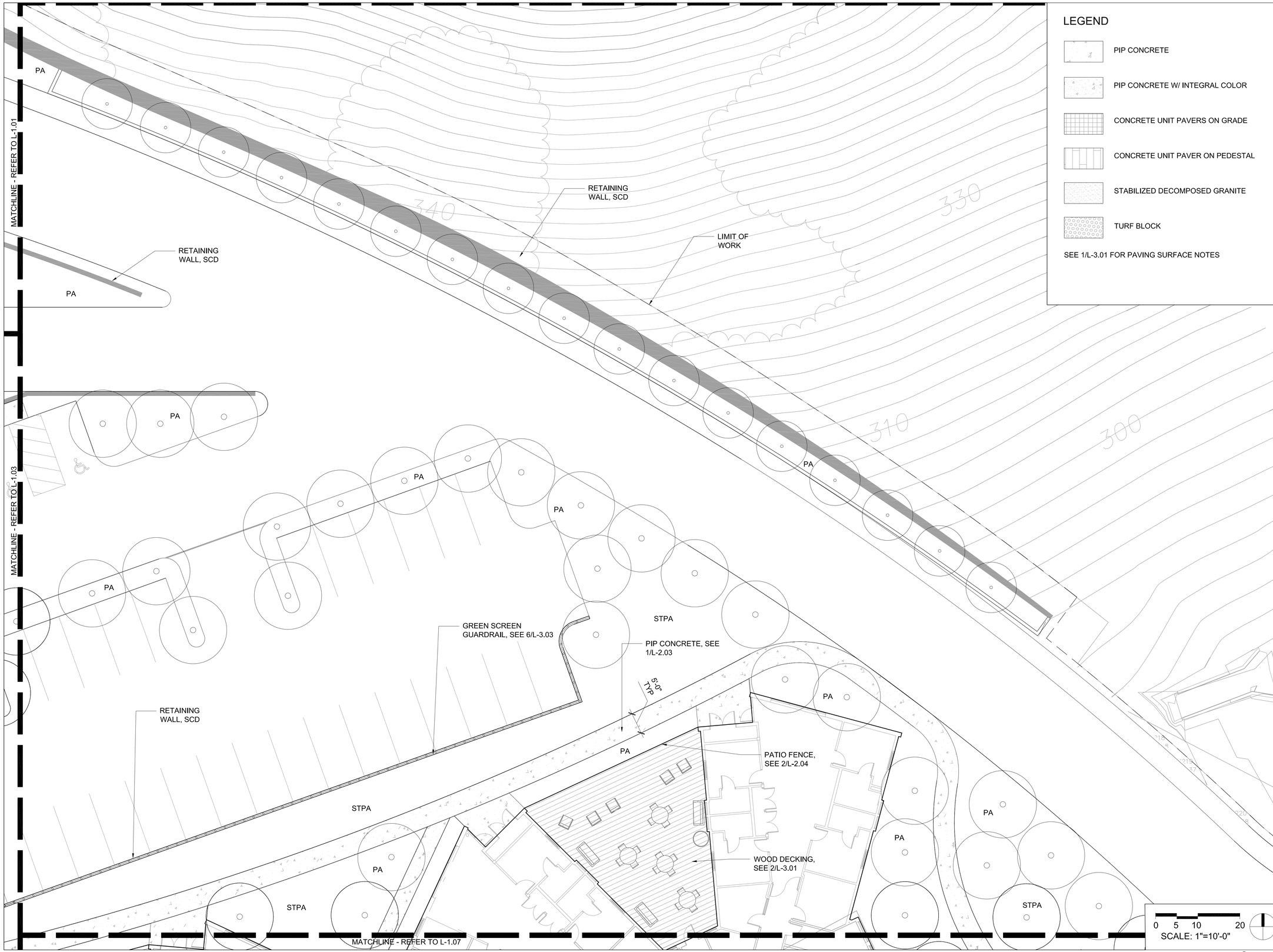

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

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415.383.7900

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SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

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HGA NO: 3505-005-01

CONSTRUCTION PLAN D

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.04

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MATCHLINE - REFER TO L-1.02

MATCHLINE - REFER TO L-1.06

COURTYARD FENCE, SEE 1/L-2.04

CONCRETE UNIT PAVERS

STONE VENEER SEATING WALL, SEE 3/L-2.04

RAISED VEGETABLE GARDEN BED 1, SEE 4/L-3.01

LG PATIO TABLE, TYP OF 11, SEE 4/L-3.03

WOOD DECKING, SEE 2/L-3.01

PIP INTEGRAL COLOR CONCRETE

CANOPY ABOVE, SAD

STABILIZED DECOMPOSED GRANITE

2 PERSON GLIDER, TYP OF 2, SEE 3/L-3.02

STEEL FRAME PEDESTRIAN GATE W/ PANIC HARDWARE AND LOCKING MECHANISM, TYP

PATIO FENCE, SEE 2/L-2.04

WOOD DECKING, SEE 2/L-3.01

COURTYARD FENCE, SEE 1/L-2.04

1 PERSON GLIDER CHAIR, TYP OF 18, SEE 2/L-3.02

SM PATIO TABLE, TYP OF 2

CONCRETE UNIT PAVERS

COLUMN, SAD, TYP

STONE VENEER SEATING WALL, SEE 3/L-2.04

PIP INTEGRAL COLOR CONCRETE

WOOD DECKING, SEE 2/L-3.01

CANOPY ABOVE, SAD

RAISED VEGETABLE GARDEN BED 1, SEE 4/L-3.01

STEEL FRAME PEDESTRIAN GATE W/ PANIC HARDWARE AND LOCKING MECHANISM, TYP OF 3

PIP CONCRETE, SEE 1/L-2.03

CURB AND STREET, SCD

EDMONDS ROAD

LOW

6'-0"
8'-4"
20'-0"
6'-2"
6'-0"
5'-0"
13'-0"
5'-0"
8'-0" TYP
5'-0" TYP
9'-0"
6'-0"
9'-3"
40'-0"
5'-0"
4'-3"
4'-0" TYP

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

0 5 10 20
SCALE: 1"=10'-0"

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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

CONSTRUCTION PLAN E

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.05

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MATCHLINE - REFER TO L-1.03

MATCHLINE - REFER TO L-1.05

MATCHLINE - REFER TO L-1.07

STPA

COURTYARD FENCE, SEE 1/L-2.04

PIP INTEGRAL COLOR CONCRETE

STONE VENEER SEATING WALL, SEE 3/L-2.04

LG PATIO TABLE, TYP OF 8, SEE 4/L-3.03

SM PATIO TABLE, TYP OF 4

CONCRETE UNIT PAVERS

COLUMN, SAD, TYP

WOOD DECKING, SEE 2/L-3.01

CANOPY ABOVE, SAD

RAISED VEGETABLE GARDEN BED 1, SEE 4/L-3.01

STEEL FRAME PEDESTRIAN GATE W/ PANIC HARDWARE AND LOCKING MECHANISM, TYP OF 4

2 PERSON GLIDER, TYP OF 4, SEE 3/L-3.02

1 PERSON GLIDER CHAIR, TYP OF 20, SEE 2/L-3.02

PIP CONCRETE, SEE 1/L-2.03

CURB AND STREET, SCD

EDMONDS ROAD

LOW

PA

9'-0"

6'-0"

9'-3"

40'-0"

5'-0"

4'-4"

8'-0" TYP

4'-0" TYP

5'-0" TYP

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

0 5 10 20
SCALE: 1"=10'-0"

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MILL VALLEY CA 94941
415.383.7900

COUNTY OF SAN MATEO FOUNDED 1856

CORDILLERAS

REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

CONSTRUCTION PLAN F

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.06

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MATCHLINE - REFER TO L-1.04

MATCHLINE - REFER TO L-1.03

MATCHLINE - REFER TO L-1.06

COURTYARD FENCE, SEE 1/L-2.04

2 PERSON GLIDER, TYP OF 2, SEE 3/L-3.02

1 PERSON GLIDER CHAIR, TYP OF 8, SEE 2/L-3.02

CONCRETE UNIT PAVERS

WOOD DECKING, SEE 2/L-3.01

SM PATIO TABLE, TYP OF 2

COLUMN, SAD, TYP

CANOPY, SAD

STABILIZED DECOMPOSED GRANITE

COURTYARD FENCE, SEE 1/L-2.04

PIP CONCRETE, SEE 1/L-2.03

LG PATIO TABLE, TYP OF 4, SEE 4/L-3.03

WOOD DECKING, SEE 2/L-3.01

STEEL FRAME PEDESTRIAN GATE W/ PANIC HARDWARE AND LOCKING MECHANISM, TYP

LANDSCAPE SITE WALL WITH SIGNAGE, SEE 1/L3.04

EDMONDS ROAD

LOW

PA

STPA

9'-0"

6'-0"

40'-0"

9'-3"

4'-4"

5'-0"

8'-0" TYP

4'-0" TYP

5'-0" TYP

LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES

0 5 10 20

SCALE: 1"=10'-0"

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rhaa

COUNTY OF SAN MATEO FOUNDED 1856

CORDILLERAS

REDWOOD CITY, CA

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

CONSTRUCTION PLAN G

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.07

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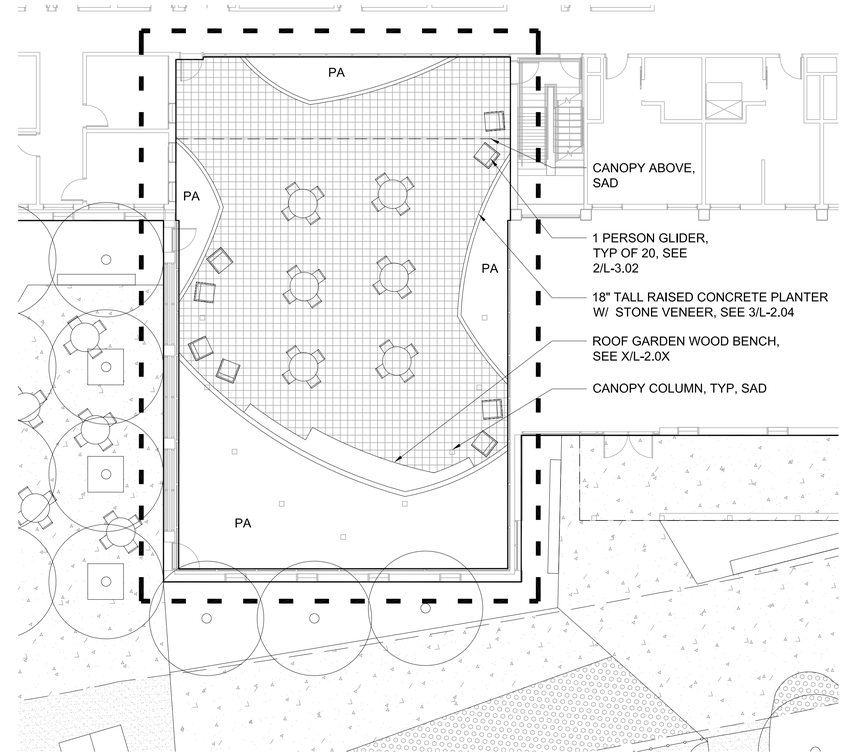
LEGEND

- PIP CONCRETE
- PIP CONCRETE W/ INTEGRAL COLOR
- CONCRETE UNIT PAVERS ON GRADE
- CONCRETE UNIT PAVER ON PEDESTAL
- STABILIZED DECOMPOSED GRANITE
- TURF BLOCK

SEE 1/L-3.01 FOR PAVING SURFACE NOTES



0 5 10 20
SCALE: 1"=10'-0"

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

CONSTRUCTION PLAN H

DATE: September 30, 2015

SCHEMATIC DESIGN

L-1.08

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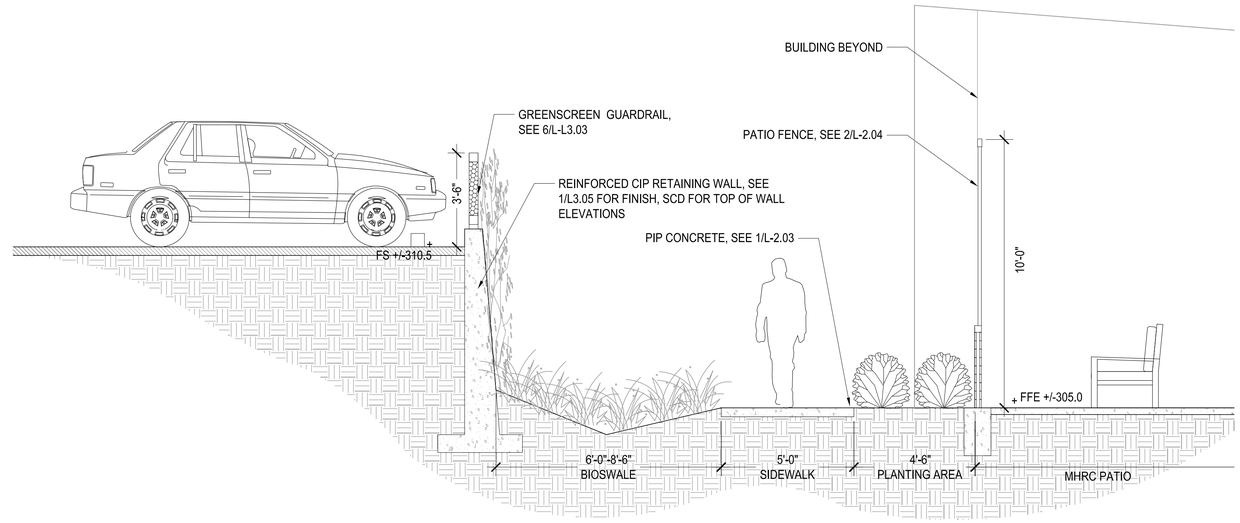
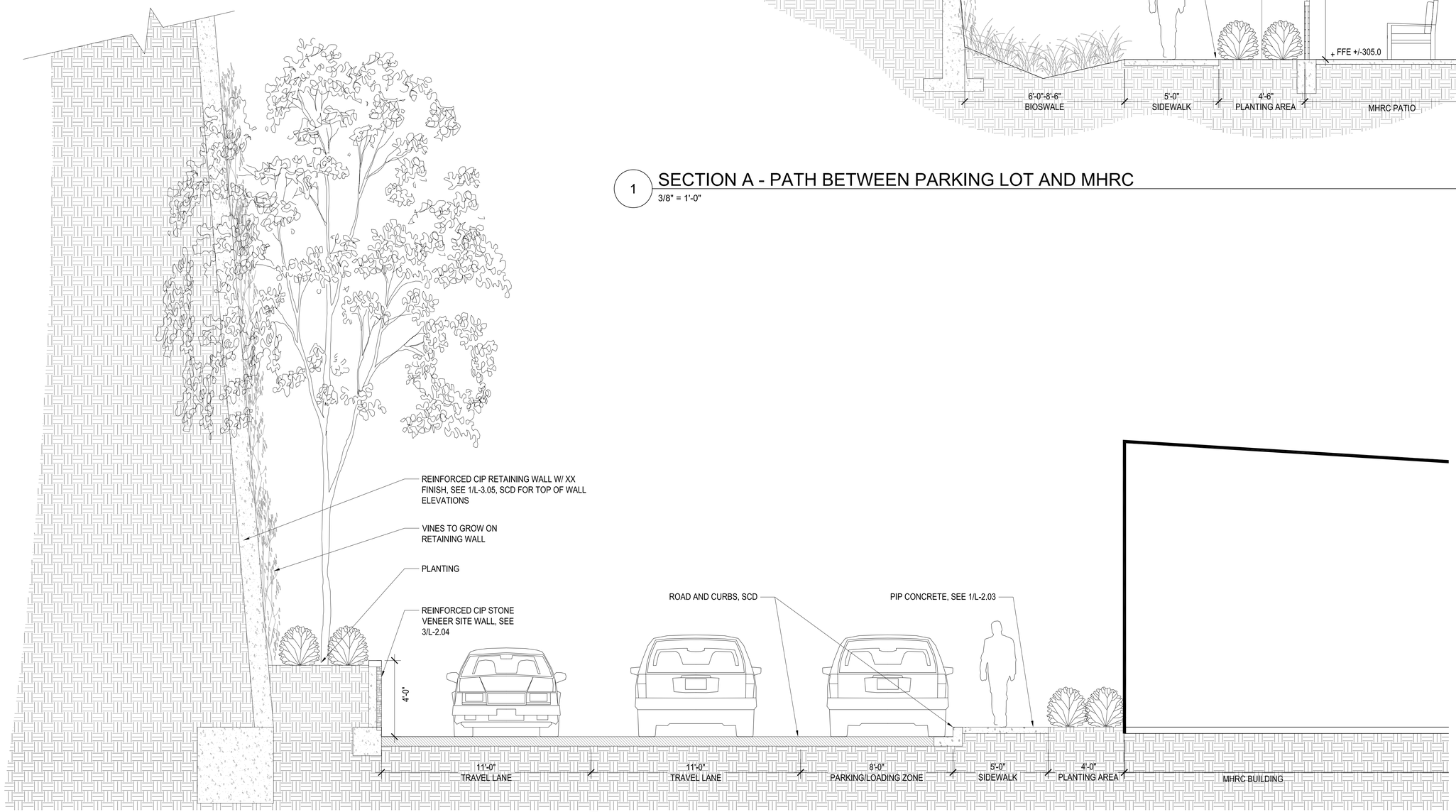


1 SECTION A - PATH BETWEEN PARKING LOT AND MHRC

3/8" = 1'-0"



2 SECTION B - RAISED PLANTER WALL & SOUTHERN RETAINING WALL ALONG STREET

3/8" = 1'-0"

0 5 10 20

SCALE: 1"=10'-0"

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San Francisco, California 94108
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STRUCTURAL ENGINEER
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1410 ROCKY RIDGE DRIVE
SUITE 250
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916.787.5102

LANDSCAPE ARCHITECT
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225 MILLER AVENUE
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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

SITE SECTIONS

DATE: September 30, 2015

SCHEMATIC DESIGN

L-2.01

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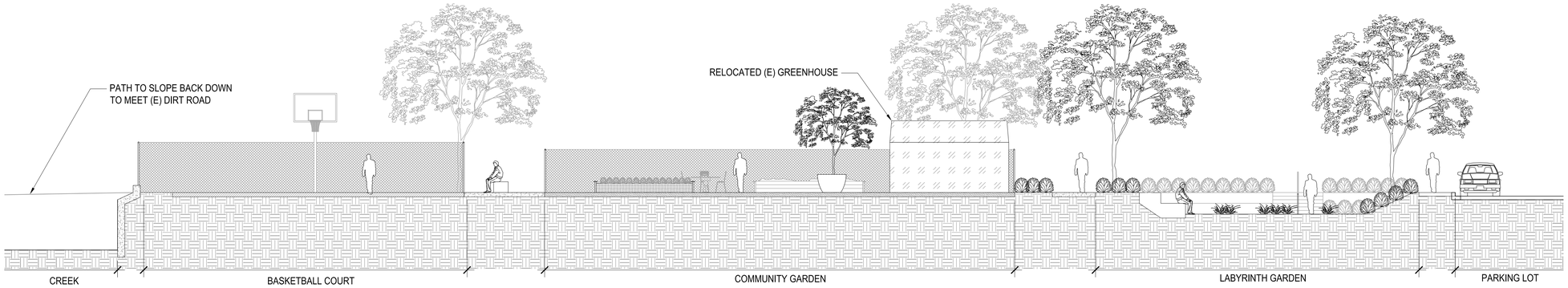
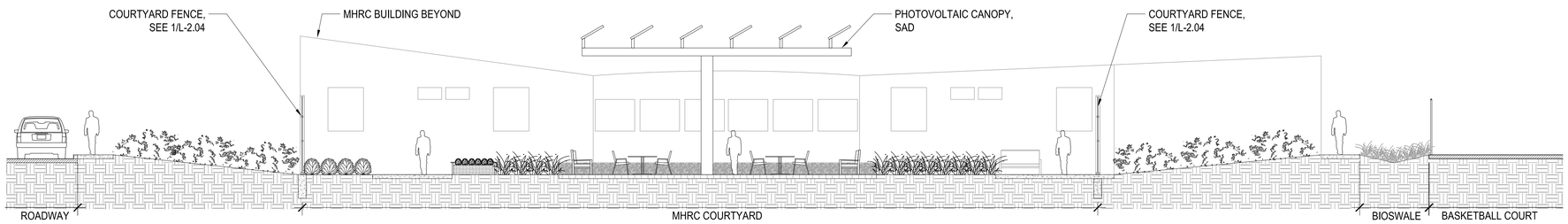


1 SECTION C - RECREATION YARD LOOKING NORTH

1/8" = 1'-0"



2 SECTION D - COURTYARD 3 LOOKING WEST

1/8" = 1'-0"

0 5 10 20
SCALE: 1"=10'-0"

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BEHAVIORAL HEALTH
AND RECOVERY
SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

SITE SECTIONS

DATE: September 30, 2015

SCHEMATIC DESIGN

L-2.02

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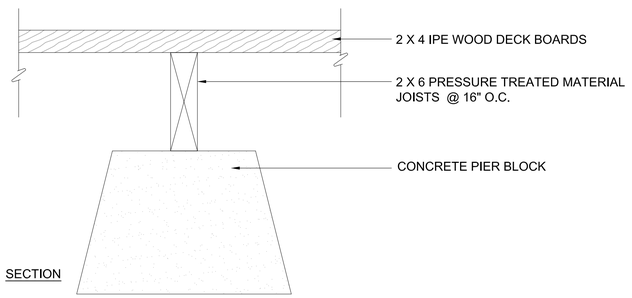
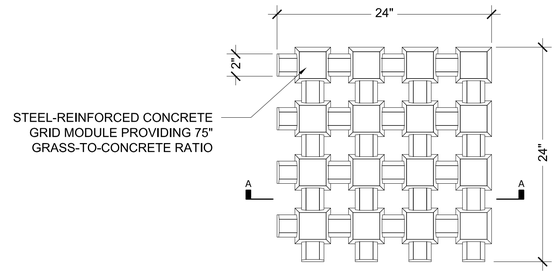


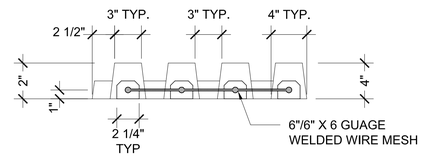
SECTION

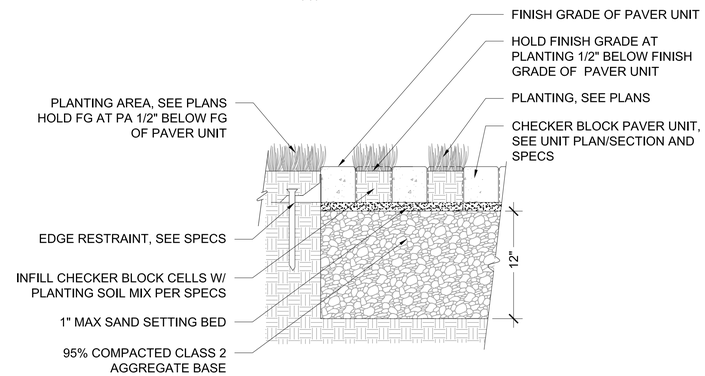
6 WOOD DECK ON GRADE

3" = 1'-0"



PLAN - PAVER UNIT

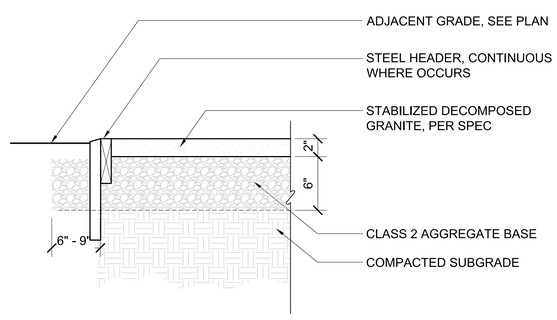




SECTION

4 TURF BLOCK PAVERS

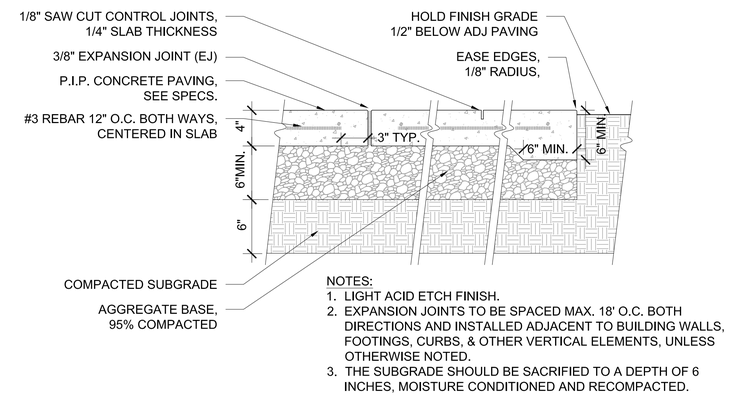
1-1/2" = 1'-0"



SECTION

5 STABILIZED DECOMPOSED GRANITE

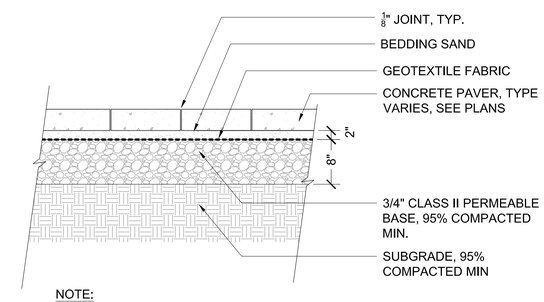
1-1/2" = 1'-0"



NOTES:
1. LIGHT ACID ETCH FINISH.
2. EXPANSION JOINTS TO BE SPACED MAX. 18' O.C. BOTH DIRECTIONS AND INSTALLED ADJACENT TO BUILDING WALLS, FOOTINGS, CURBS, & OTHER VERTICAL ELEMENTS, UNLESS OTHERWISE NOTED.
3. THE SUBGRADE SHOULD BE SACRIFIED TO A DEPTH OF 6 INCHES, MOISTURE CONDITIONED AND RECOMPACTED.

1 PIP CONCRETE, TYPICAL

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

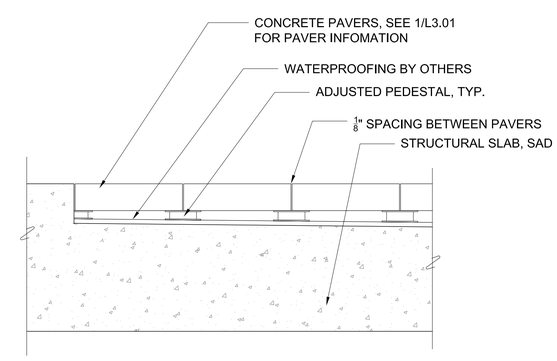


NOTE:
CONCRETE PAVER TYPE VARIES, SEE PLANS

SECTION

2 CONCRETE UNIT PAVER ON GRADE

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



3 CONCRETE UNIT PAVER ON PEDESTAL

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

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

SCHEMATIC SITE DETAILS

DATE: September 30, 2015

SCHEMATIC DESIGN

L-2.03

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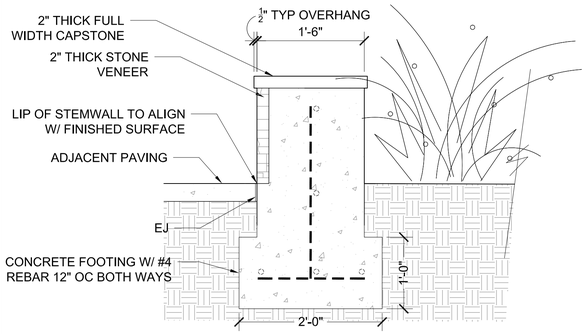
STONE VENEER PATTERN DESIGN INTENT



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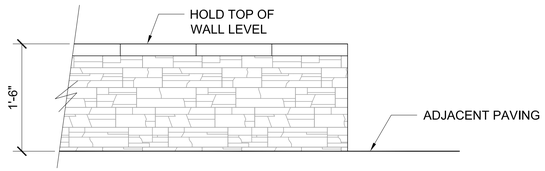
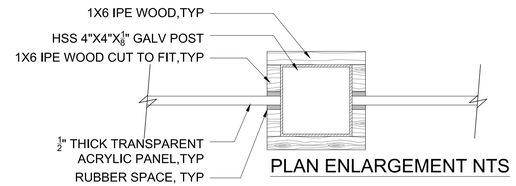


ELEVATION

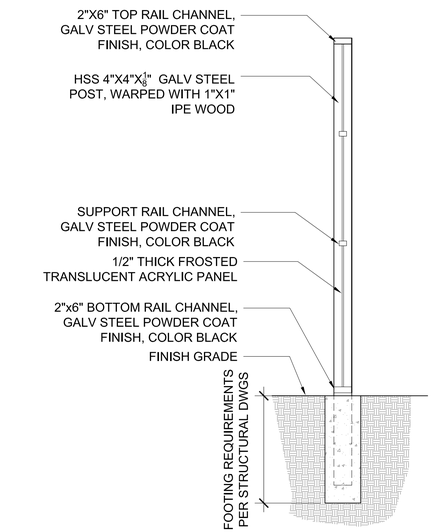
NOTES:
1. FRONT EDGE OF CAPSTONE SHALL COVER STONE VENEER BELOW IN ALL AREAS
2. CAP STONE TO BE ONE COLOR TO MATCH TONE OF VENEER STONE

3 STONE VENEER WALL

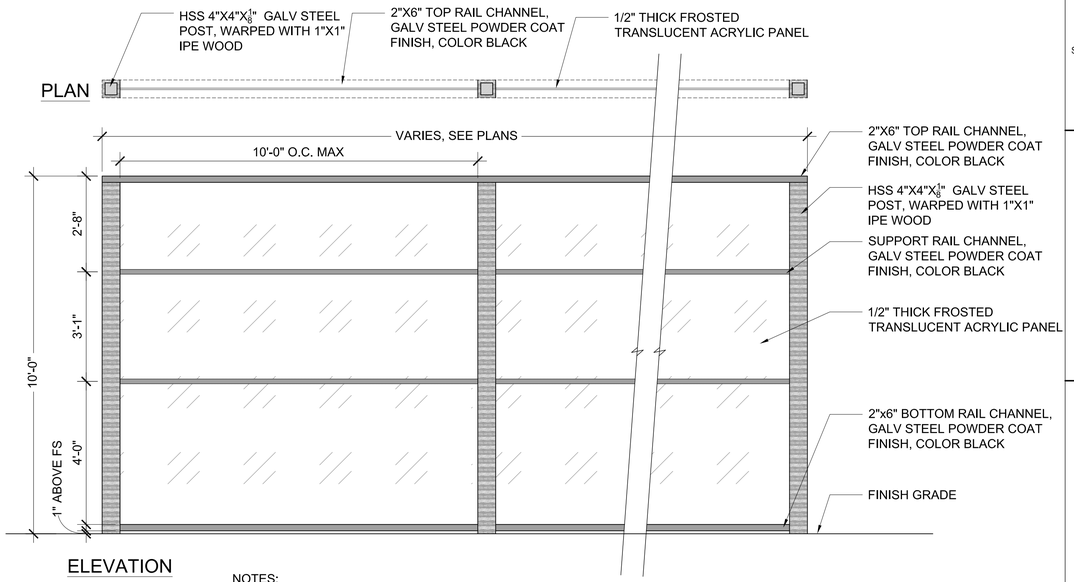
1" = 1'-0"



PLAN ENLARGEMENT NTS



SECTION

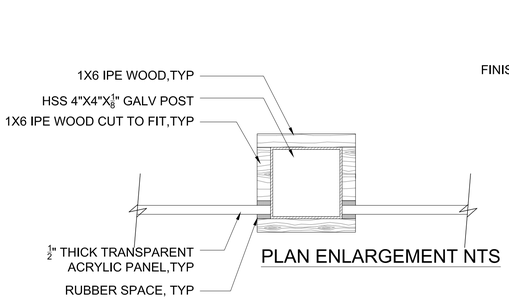


ELEVATION

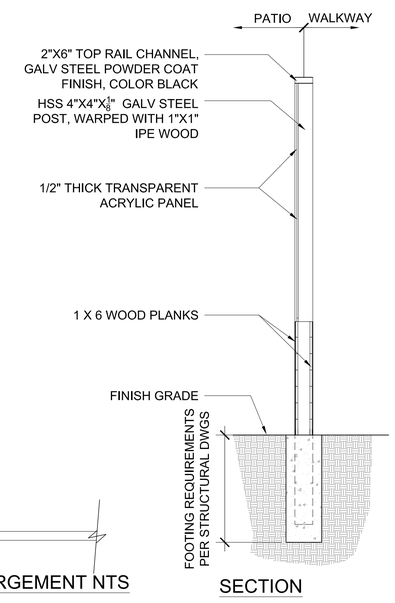
NOTES:
1. DETAILS ARE FOR DESIGN INTENT ONLY, CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. LUMBER DIMENSIONS ARE NOMINAL.
3. GATE SHALL CONFORM TO APPLICABLE CODES
4. WELD FRAME TOGETHER, GRIND SMOOTH, AND POWDER COAT. COLOR TBD
5. ALL HARDWARE TO BE HOT DIP GALV POWDER COATED TO MATCH POST COLOR.
5. ALL GATES TO HAVE A 5'X5' LEVEL LANDING ON BOTH SIDES OF THE GATE.

1 COURTYARD FENCE

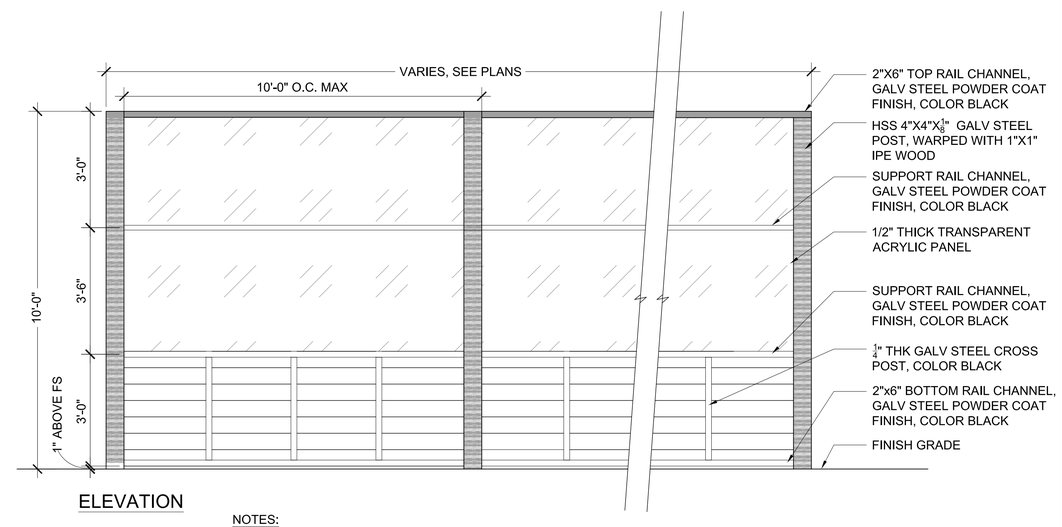
1/2" = 1'-0"



PLAN ENLARGEMENT NTS



SECTION



ELEVATION

NOTES:
1. DETAILS ARE FOR DESIGN INTENT ONLY, CONTRACTOR TO SUBMIT SHOP DRAWING FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO FABRICATION.
2. LUMBER DIMENSIONS ARE NOMINAL.
3. GATE SHALL CONFORM TO APPLICABLE CODES
4. WELD FRAME TOGETHER, GRIND SMOOTH, AND POWDER COAT. COLOR TBD
5. ALL HARDWARE TO BE HOT DIP GALV POWDER COATED TO MATCH POST COLOR.
5. ALL GATES TO HAVE A 5'X5' LEVEL LANDING ON BOTH SIDES OF THE GATE.

2 PATIO FENCE

1/2" = 1'-0"

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MILL VALLEY CA 94941
415.383.7900

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

SCHEMATIC SITE DETAILS

DATE: September 30, 2015

SCHEMATIC DESIGN

L-2.04

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

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LOCATION: RECREATION YARD
COLOR: BLACK
HEIGHT: 7'

2 VINYL CHAIN LINK FENCE

LOCATION: COURTYARDS
MATERIAL: IPE WOOD

3 WOOD DECKING

LOCATION: RECREATION YARD
MATERIAL: REDWOOD

4 RAISED VEGETABLE GARDEN BED 1

PAVING TYPE: **STABILIZED DECOMPOSED GRANITE**
LOCATION: RECREATION YARD
COLOR: GOLD

PAVING TYPE: **OPEN CELL TURF BLOCK PAVERS**
LOCATION: RECREATION YARD AND FOREST TURNAROUND
SIZE: 24" x 24" x 4"
COLOR: NATURAL
NOTE: TURF TO BE CAREX PRAEGRACILIS, USE 4 " POTS

PAVING TYPE: **P.I.P. CONCRETE**
LOCATION: SIDEWALK
FINISH: LIGHT ETCH
COLOR: STANDARD GRAY
NOTES: JOINTS TO BE SAW CUT EVERY 6' OC

PAVING TYPE: **P.I.P. CONCRETE WITH INTEGRAL COLOR**
LOCATION: SIDEWALK
COLOR: LIGHT TAN
FINISH: LIGHT ETCH
NOTES: JOINTS TO BE SAW CUT EVERY 6' OC

PAVING TYPE: **CONCRETE UNIT PAVERS**
LOCATION: SEE PLANS
SIZE: 12" x 36" x 2.5"
COLOR: TBD
FINISH: SANDBLAST
NOTES: PAVERS TO BE SAND SET WITH POLYMERIC SAND FOR JOINTS. SEAL PAVERS WITH WATER BASED SEALER, SEE SPECS.

PAVING TYPE: **CONCRETE UNIT PAVERS ON PEDESTALS**
LOCATION: ROOF GARDEN
SIZE: 24" x 24" x 2.5"
COLOR: TBD
FINISH: SANDBLAST
NOTES: SEAL PAVERS WITH SEALANT, SEE SPECS.

PAVING TYPE: **COLOR ASPHALT COATING**
LOCATION: BASKETBALL COURT
LINE COLOR: TEXTURED WHITE
COURT COLOR: TBD
NOTES: 100% ACRYLIC EMULSION PRIMER, CLEAR DRYING 100% ACRYLIC EMULSION PIGMENTED TEXTURED PAINT

1 PAVING SURFACES

0 5 10 20
SCALE: 1"=10'-0"

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COUNTY OF SAN MATEO FOUNDED 1856

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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

MATERIALS AND FURNISHINGS

DATE: September 30, 2015

SCHEMATIC DESIGN

L-3.01

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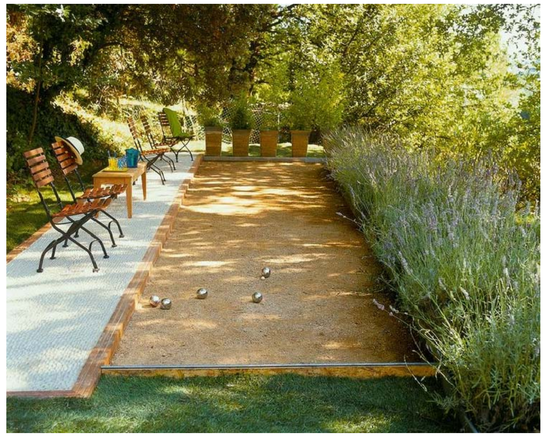

LOCATION: RECREATION YARD
SURFACE: OYSTER SHELL
CURBS: 6X6 REDWOOD BEAM

4 BOCCE BALL COURT

LOCATION: RECREATION YARD
MATERIAL: REDWOOD

5 ANIMAL PEN

LOCATION: UPPER TURNAROUND
MATERIAL: CONCRETE PAVERS

6 UPPER TURNAROUND PAVING

LOCATION: COURTYARDS
MATERIAL: REDWOOD
NOTES: SOIL DEPTH TO BE 24"

1 RAISED VEGETABLE GARDEN 2

LOCATION: RECREATION YARD AND COURTYARDS
MATERIAL: IPE WOOD
NOTES: GLIDER TO BE FIXED IN PLACE

2 ONE PERSON GLIDER

LOCATION: RECREATION YARD AND COURTYARDS
MATERIAL: IPE WOOD
NOTES: GLIDER TO BE FIXED IN PLACE

3 2 PERSON GLIDER

0 5 10 20
SCALE: 1"=10'-0"

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HGA NO: 3505-005-01

MATERIALS AND FURNISHINGS

DATE: September 30, 2015

SCHEMATIC DESIGN

L-3.02

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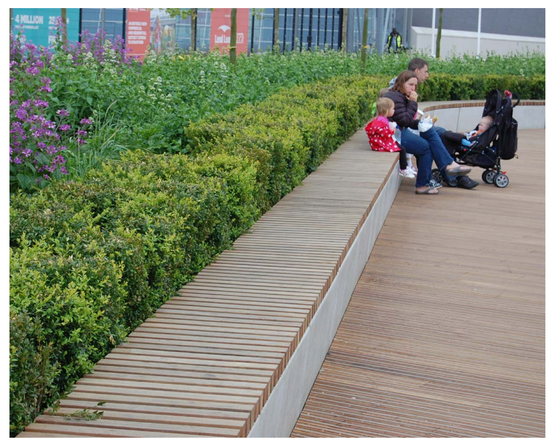
LOCATION: COURTYARDS, RECREATION YARD, ROOF GARDEN
MATERIAL: TEAK
NOTES: SURFACE MOUNTED ONTO FINISHED SURFACE

4 PATIO TABLES



LOCATION: RECREATION YARD
MATERIAL: WALLS CIP CONCRETE
SEAT IPE WOOD
FINISH: SMOOTH FORM

5 RECREATION SEATWALL W/WOOD BENCH

LOCATION: ARF PARKING LOT
MATERIAL: STEEL TUBE W/ METAL GRID PANEL
COLOR: BLACK

6 GREENSCREEN GUARDRAIL

LOCATION: RECREATION YARD
COLOR: BLACK

1 FITNESS EQUIPMENT

LOCATION: FOREST TURNAROUND
MATERIAL: WOOD SLAB WITH STEEL LEGS

2 FOREST BENCH

LOCATION: COURTYARDS AND RECREATION YARD
MATERIAL: GFRC

3 PLANTER POTS

0 5 10 20
SCALE: 1"=10'-0"

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DATE: September 30, 2015

SCHEMATIC DESIGN

L-3.03

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LOCATION: FOREST TURNAROUND
NOTES: FOR DESIGN INTENT ONLY, SEE CIVIL FOR PAVING DETAILS

4 FOREST LABRYNITH

LOCATION: RECREATION YARD
NOTES: FOR DESIGN INTENT ONLY

5 RECREATION YARD LABRYNITH

LOCATION: RECREATION YARD
MATERIAL: STONE
NOTES: FOUNTAIN TO HAVE RECIRCULATING WATER SYSTEM

6 RETAINING WALL

LOCATION: ENTRY
MATERIAL: WEATHERING STEEL

1 LANDSCAPE SITE WALL WITH SIGNAGE

LOCATION: RECREATION YARD
NOTES: TO BE MOVABLE

2 PING PONG TABLES

LOCATION: FOREST TURNAROUND
MATERIAL: CIP CONCRETE
FINISH: LIGHT SANDBLAST

3 FOREST AMPITHEATRE

0 5 10 20
SCALE: 1"=10'-0"

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SCHEMATIC DESIGN

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LOCATION: RECREATION YARD
NOTE: FINISH SHOWN FOR DESIGN INTENT ONLY, TO BE COORDINATED WITH STRUCTURAL AND CIVIL

1 RETAINING WALL

LOCATION: RECREATION YARD
NOTES: TO BE MOVABLE

2 2F WOOD BENCH

LOCATION: RECREATION YARD
MATERIAL: REDWOOD

3 RECREATION YARD TERRACE SEATING

0 5 10 20
SCALE: 1"=10'-0"

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QTY	SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	SPACING	HEIGHT	SPREAD	WATER USE
TREES								
27		ARBUTUS 'MARINA'	STRAWBERRY TREE	24" BOX	AS SHOWN	20-40'	20-40'	LOW
41		OLEA EUROPAEA 'SWAN HILL'	SWAN HILL OLIVE	36" BOX	AS SHOWN	25-30'	25-30'	VERY LOW
9		PISTACIA CHINENSIS	CHINESE PISTACHE	36" BOX	AS SHOWN	25-30'	25-30'	LOW
49		PLATANUS RACEMOSA	CALIFORNIA SYCAMORE	36" BOX	AS SHOWN	30-80'	20-50'	MODERATE
75		POPULUS FREMONTII	WESTERN COTTONWOOD	36" BOX	AS SHOWN	40-60	25-30'	MODERATE
ENTRY								
19,107 SF		AEONIUM ARBOREUM	CANARY ISLAND ROSE	1 GAL	24" O.C.	3'	3'	LOW
		AGAVE ATTENUATA	FOX TAIL AGAVE	5 GAL	36" O.C.	3-4'	3-4'	LOW
		AGAVE 'BLUE FLAME '	AGAVE	1 GAL	18" O.C.	2.5'	2'	LOW
		ANIGOZANTHOS 'BUSH GOLD'	KANGAROO PAW	1 GAL	18" O.C.	2-3'	1-2'	LOW
		CAREX DIVULSA	BERKELEY SEDGE	5 GAL	18" O.C	1-2'	1-2'	LOW
		CRASSULA FALCATA	AIRPLANE PLANT	5 GAL	18" O.C.	4'	2.5'	LOW
		ECHEVERIA 'BLUE CURLS'	ECHEVERIA	1 GAL	6" O.C.	10"	10"	LOW
		ECHEVERIA IMBRICATA	HEN AND CHICKS	1 GAL	6" O.C.	4-8"	4-6"'	LOW
		LEYMUS CONDENSATUS 'CANYON PRINCE'	CANYON PRINCE WILD RYE	5 GAL	24" O.C.	3-4'	3'	LOW
		NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	1 GAL	18" O.C.	2'	2-3'	LOW
		PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	RUSSIAN SAGE	1 GAL	18" O.C.	2-3'	2'	LOW
BUILDING PERIMETER								
16,921 SF		AGAVE	CENTURY PLANT	5 GAL	36" O.C.	4-5'	6-8'	LOW
		ARCTOSTAPHYLOS 'EMERALD CARPET'	EMERALD CARPET MANZANITA	1 GAL	24" O.C.	1-2'	5-10'	MODERATE
		ARCTOSTAPHYLOS UVA-URSI	BEARBERRY	5 GAL	36" O.C.	6"-1'	3-6'	MODERATE
		CAREX TUMLICOLA	BERKELEY SEDGE	1 GAL	18" O.C.	1-2'	1-2'	LOW
		ECHIUM CANDICANS	PRIDE OF MADEIRA	5 GAL	48" O.C.	5-6'	6-10'	LOW
		FESTUCA CALIFORNICA	CALIFORNIA FESCUE	1 GAL	12" O.C.	2-3'	1-2'	LOW
		LAVANDULA SPP	LAVENDER	1 GAL	24" O.C.	2-4'	2-3'	LOW
		RHAMNUS CALIFORNICA 'EVE CASE'	COFFEEBERRY	5 GAL	36" O.C.	6-8'	6-8'	LOW
		RIBES SANGUINEUM GLUTINOSUM	PINK FLOWERING CURRANT	5 GAL	36" O.C.	6-12'	4-6'	LOW
		SALVIA CLEVELANDII	CALIFORNIA BLUE SAGE	1 GAL	2'-6"	3-5'	5-8'	LOW
		SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GAL	24" O.C.	1-2'	2-3'	LOW
		STACHYS BYZANTINA	LAMB'S EAR	1 GAL	12" O.C.	1-2'	1-2'	LOW
		TEUCRIUM FRUTICANS 'COMPACTA'	GERMANDER	1 GAL	12" O.C.	2-3'	2-3'	LOW
		THYMUS CITRIODORUS	THYME	1 GAL	12" O.C.	6"-1'	1-2'	LOW
		VERBENA LILACINA 'DE LA MINA'	CEDROS ISLAND VERBENA	1 GAL	24" O.C.	1-2'	3-4'	LOW
		ZAUSCHNERIA CALIFORNICA	CALIFORNIA FUSCHIA	1 GAL	24" O.C.	1-2'	2-3'	LOW
RETAINING WALLS								
3,122 SF		ECHIUM CANDICANS	PRIDE OF MADEIRA	5 GAL	48" O.C.	5-6'	6-10'	LOW
		RHAMNUS CALIFORNICA 'EVE CASE'	COFFEEBERRY	5 GAL	36" O.C.	6-8'	6-8'	LOW
		RIBES SANGUINEUM GLUTINOSUM	PINK FLOWERING CURRANT	5 GAL	36" O.C.	6-12'	4-6'	LOW
		ROSMARINUS OFFICINALIS 'IRENE'	IRENE ROSEMARY	1 GAL	24" O.C.	3-6'	4-5'	LOW
		SALVIA LEUCANTHA	MEXICAN BUSH SAGE	1 GAL	24" O.C.	3-4'	3-6'	LOW

COURTYARDS								
7,786 SF		ACHILLIEA MILLEFOLIUM	YARROW	1 GAL	24" O.C.	1-2'	2-3'	LOW
		COLEOEMA SPP.	BREATH OF HEAVEN	1 GAL	36" O.C.	2-3'	3-4'	MODERATE
		COPROSMA KIRKII	SHINY COPROSMA	1 GAL	30" O.C.	1-2'	3-4'	LOW
		LAVANDULA SPP	LAVENDER	1 GAL	24" O.C.	2-4'	2-3'	LOW
		NEPETA X FAASSENII	CATMINT	1 GAL	24" O.C.	1-2'	2-3'	LOW
		ROSMARINUS OFFICINALIS 'IRENE'	IRENE ROSEMARY	1 GAL	24" O.C.	3-6'	4-5'	LOW
		SANTOLINA CHAMAECYPARISSUS	LAVENDER COTTON	1 GAL	24" O.C.	1-2'	2-3'	LOW
		STACHYS BYZANTINA	LAMB'S EAR	1 GAL	12" O.C.	1-2'	1-2'	LOW
		TEUCRIUM FRUTICANS 'COMPACTA'	GERMANDER	1 GAL	12" O.C.	2-3'	2-3'	LOW
		THYMUS CITRIODORUS	THYME	1 GAL	12" O.C.	6"-1'	1-2'	LOW
		WESTRINGIA FRUTICOSA	COAST ROSEMARY	5 GAL	48' O.C.	3-6'	5-6'	LOW
BIOSWALE								
11,423 SF		CAREX TUMULICOLA	BERKELEY SEDGE	1 GAL	18" O.C.	1-2'	1-2'	LOW
		CISTUS SALVIFOLIUS	SAGELEAF ROCKROSE	5 GAL	36" O.C.	1-2'	5-6'	LOW
		DIETES VEGETA	FORTNIGHT LILY	1 GAL	24" O.C.	2-3'	2-3'	LOW
		GREVILLEA 'NOELLII'	GREVELIA	5 GAL	36" O.C.	3-4'	4-5'	LOW
		IRIS PCH 'CANYON SNOW'	PACIFIC COAST HYBRID IRIS	1 GAL	12" O.C.	2-3'	1-2'	LOW
		JUNCUS PATENS	CALIFORNIA GREY RUSH	1 GAL	12" O.C.	1-2'	1-2'	LOW
		MUHLENBERGIA RIGENS	DEER GRASS	5 GAL	24" O.C.	3-5'	3-4'	LOW
RIPARIAN AREAS								
807 SF		DRYOPTERIS ARGUTA	CALIFORNIA WOOD FERN	1 GAL	24" O.C.	1-2'	3-4'	MODERATE
		HETEROMELES ARBUTIFOLIA	TOYON	5 GAL	48" O.C.	6-10'	6-8'	LOW
		MIMULUS AURANTIACUS	STICKY MONKEYFLOWER	1 GAL	24" O.C.	2-3'	2-3'	VERY LOW
		POLYSTICHUM MUNITUM	WESTERN SWORD FERN	1 GAL	18" O.C.	2-4'	2-4'	MODERATE
		RIBES SANGUINEUM GLUTINOSUM	PINK FLOWERING CURRANT	5 GAL	36" O.C.	6-12'	4-6'	LOW
		RHAMNUS CALIFORNICA 'EVE CASE'	COFFEEBERRY	5 GAL	36" O.C.	6-8'	6-8'	LOW
ROOF GARDEN								
1,036 SF		ACHILLIEA MILLEFOLIUM	YARROW	1 GAL	24" O.C.	1-2'	2-3'	LOW
		LEYMUS CONDENSATUS 'CANYON PRINCE'	CANYON PRINCE WILD RYE	5 GAL	24" O.C.	3-4'	3'	LOW
		NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	1 GAL	18" O.C.	2'	2-3'	LOW
		NEPETA X FAASSENII	CATMINT	1 GAL	24" O.C.	1-2'	2-3'	LOW
		PEROVSKIA ATRIPLICIFOLIA 'LITTLE SPIRE'	RUSSIAN SAGE	1 GAL	18" O.C.	2-3'	2'	LOW
		SOLANUM JASMINOIDES	POTATO VINE	5 GAL	5' O.C.	N/A	10-15'	MED
RAISED VEGGIE BEDS								
1,613 SF		VARIETY OF VEGETABLES TBD.						
TURF BLOCK								
1,590 SF		CAREX PRAEGRACILIS	CALIFORNIA FIELD SEDGE	4" POTS	SEE PLAN	6	N/A	LOW

TOTAL: 63,405 SQFT

NOTES:
1. PLANT QUANTITIES PROVIDED FOR ESTIMATES ONLY. CONTRACTOR TO VERIFY ALL QUANTITIES SHOWN IN PLANTING PLAN.
2. FOR ESTIMATING PURPOSES ASSUME 50% 1 GALLON PLANTS, 25% 5 GALLON PLANTS, AND 25% 15 GALLON PLANTS.
3. CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND NOTIFY OWNERS REPRESENTATIVE OF ANY CONFLICTS OR DISCREPANCIES THAT AFFECT THE PLANTING DESIGN INTENT.
4. CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT FOR PLANTING LAYOUT APPROVAL PRIOR TO INSTALLATION.

TREE PROTECTION NOTES:
1. PROTECT EXISTING TREES AND BRANCHES FROM DAMAGE DURING CONSTRUCTION. DAMAGED TREES TO BE REPLACED IN KIND WITH TREE OF EQUAL VALUE OR AS APPROVED BY OWNER. ALL WORK WITHIN TREE PROTECTION ZONE TO BE DONE BY HAND. TREE PROTECTION ZONE TO BE 1' FOR EVERY INCH IN DIAMETER OF BREAST HEIGHT.

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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

PLANTING SCHEDULE

DATE: September 30, 2015

SCHEMATIC DESIGN

L-4.00

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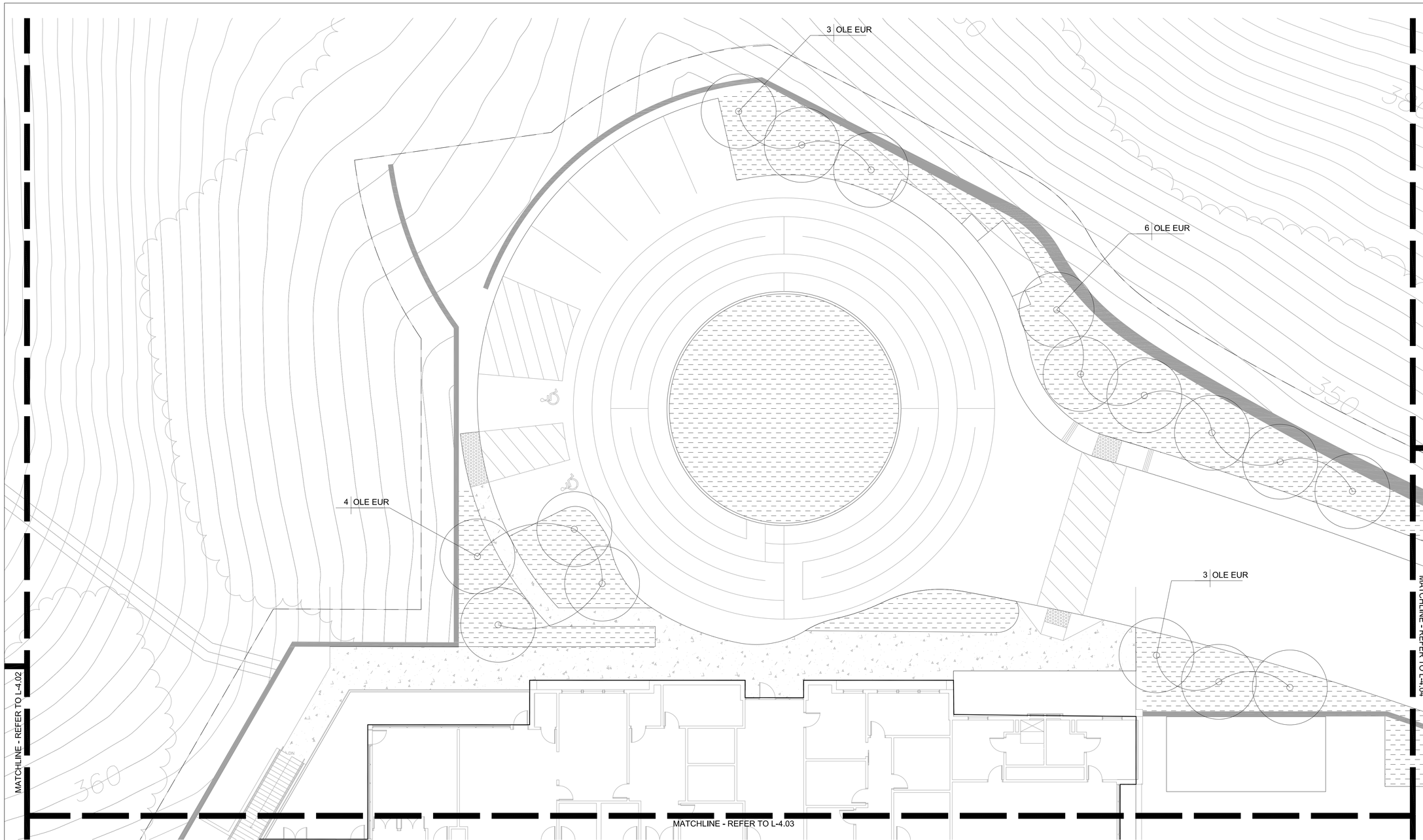

LEGEND

- COURTYARD
- RAISED VEGGIE BEDS
- BIORETENTION TREATMENT PLANTING
- BUILDING EDGE (DEER RESISTANT)
- ENTRY PLANTING (DEER RESISTANT)
- RETAINING WALL PLANTING
- RIPARIAN PLANTING
- TURF BLOCK
- ROOF GARDEN

NOTES:
1. SEE L-4.00 FOR PLANT SCHEDULE
2. ALL PLANTING AREAS EXCLUDING RIPARIAN ZONE WILL BE IRRIGATED WITH A DRIP IRRIGATION SYSTEM.
3. ALL TREES WILL BE IRRIGATED WITH BUBBLERS (2) PER TREE.

0 5 10 20
SCALE: 1"=10'-0"

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SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

PLANTING PLAN A

DATE: September 30, 2015

SCHEMATIC DESIGN

L-4.01

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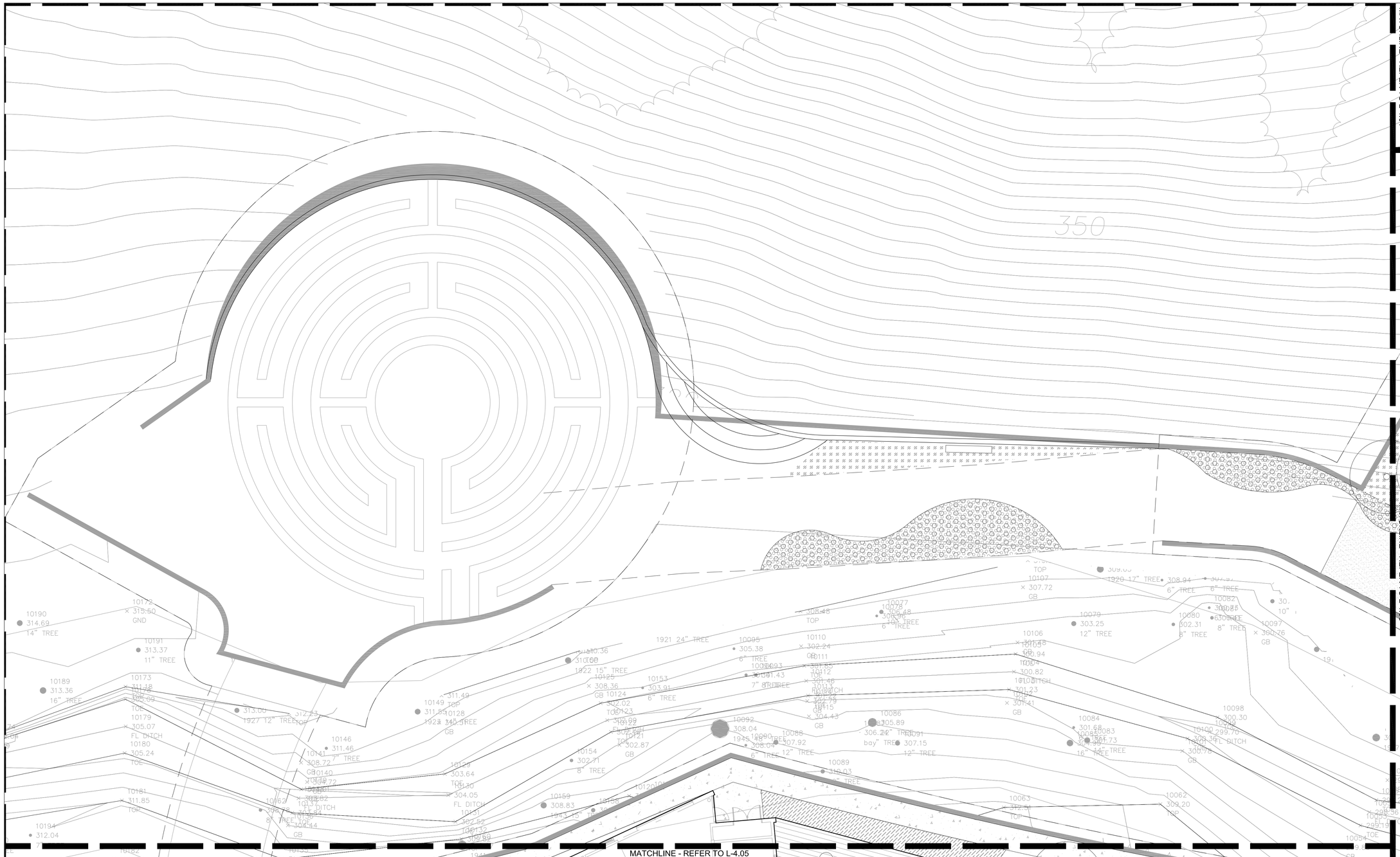

LEGEND

- COURTYARD
- RAISED VEGGIE BEDS
- BIORETENTION TREATMENT PLANTING
- BUILDING EDGE (DEER RESISTANT)
- ENTRY PLANTING (DEER RESISTANT)
- RETAINING WALL PLANTING
- RIPARIAN PLANTING
- TURF BLOCK
- ROOF GARDEN

NOTES:
1. SEE L-4.00 FOR PLANT SCHEDULE
2. ALL PLANTING AREAS EXCLUDING RIPARIAN ZONE WILL BE IRRIGATED WITH A DRIP IRRIGATION SYSTEM.
3. ALL TREES WILL BE IRRIGATED WITH BUBBLERS (2) PER TREE.

0 5 10 20
SCALE: 1"=10'-0"

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San Francisco, California 94108
Telephone 415.814.6910

STRUCTURAL ENGINEER
HGA
1410 ROCKY RIDGE DRIVE
SUITE 250
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

PLANTING PLAN B

DATE: September 30, 2015

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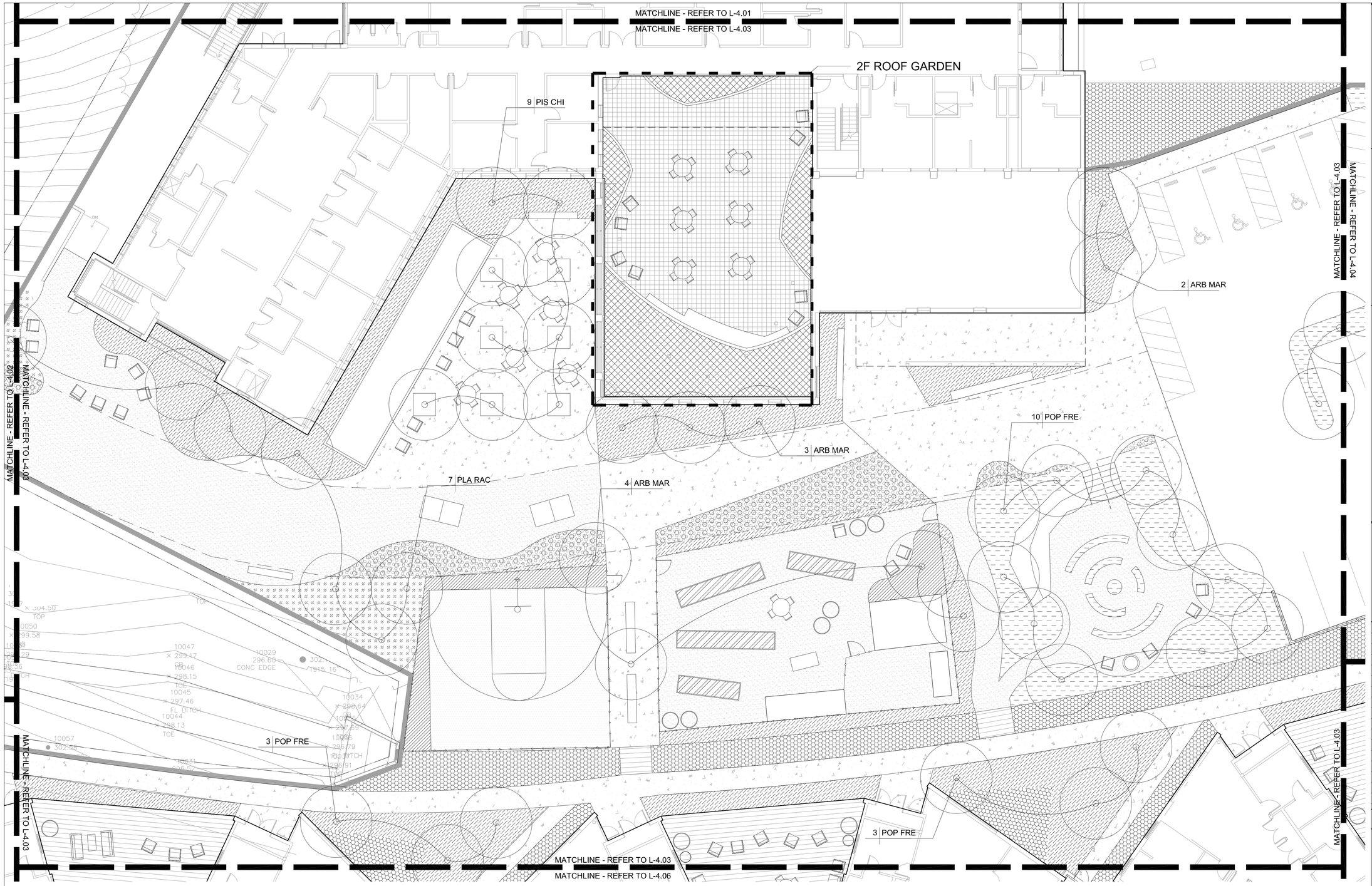

LEGEND

- COURTYARD
- RAISED VEGGIE BEDS
- BIORETENTION TREATMENT PLANTING
- BUILDING EDGE (DEER RESISTANT)
- ENTRY PLANTING (DEER RESISTANT)
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- ROOF GARDEN

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PLANTING PLAN C

DATE: September 30, 2015

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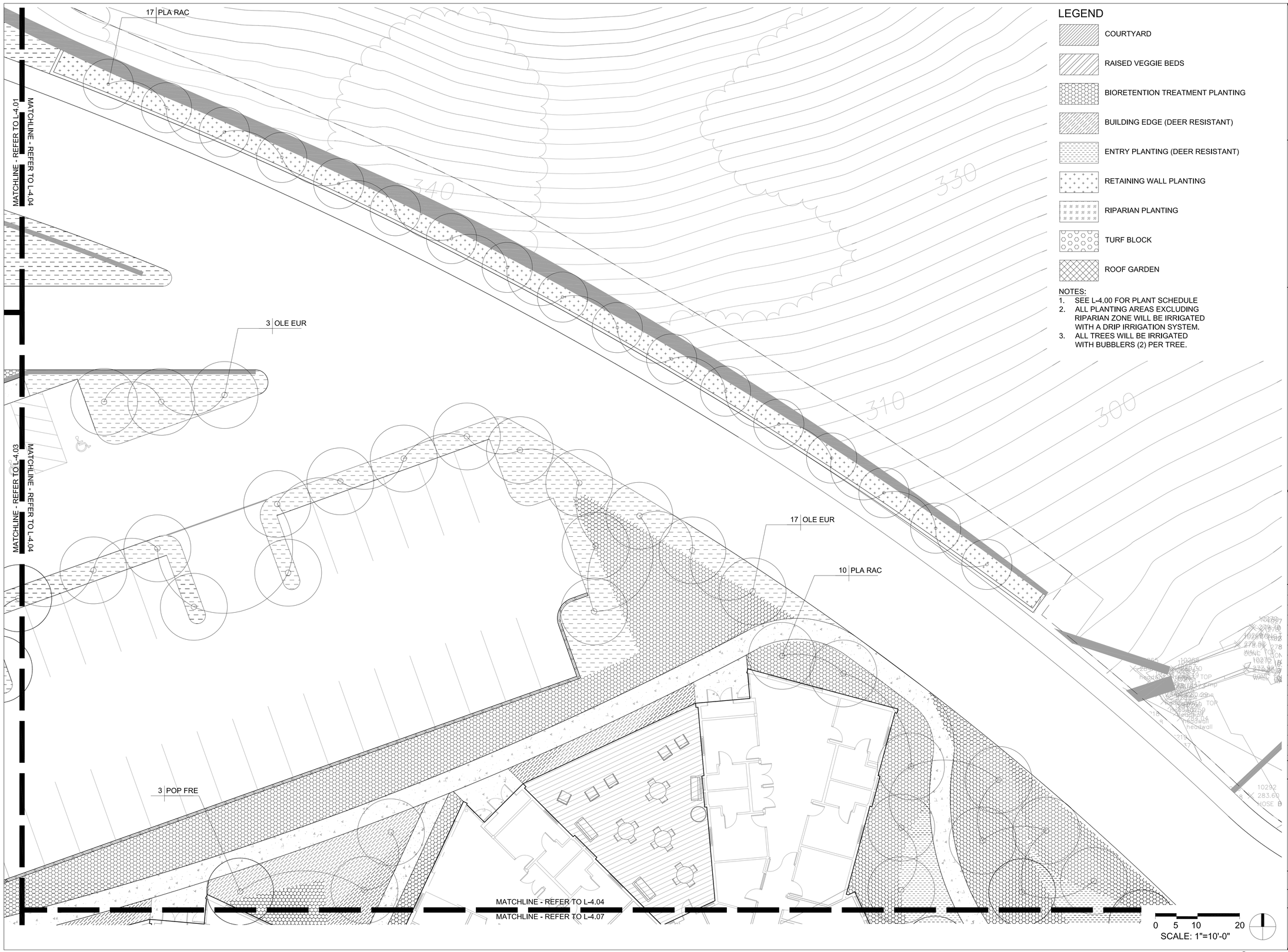

LEGEND

- COURTYARD
- RAISED VEGGIE BEDS
- BIORETENTION TREATMENT PLANTING
- BUILDING EDGE (DEER RESISTANT)
- ENTRY PLANTING (DEER RESISTANT)
- RETAINING WALL PLANTING
- RIPARIAN PLANTING
- TURF BLOCK
- ROOF GARDEN

NOTES:
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PLANTING PLAN D

DATE: September 30, 2015

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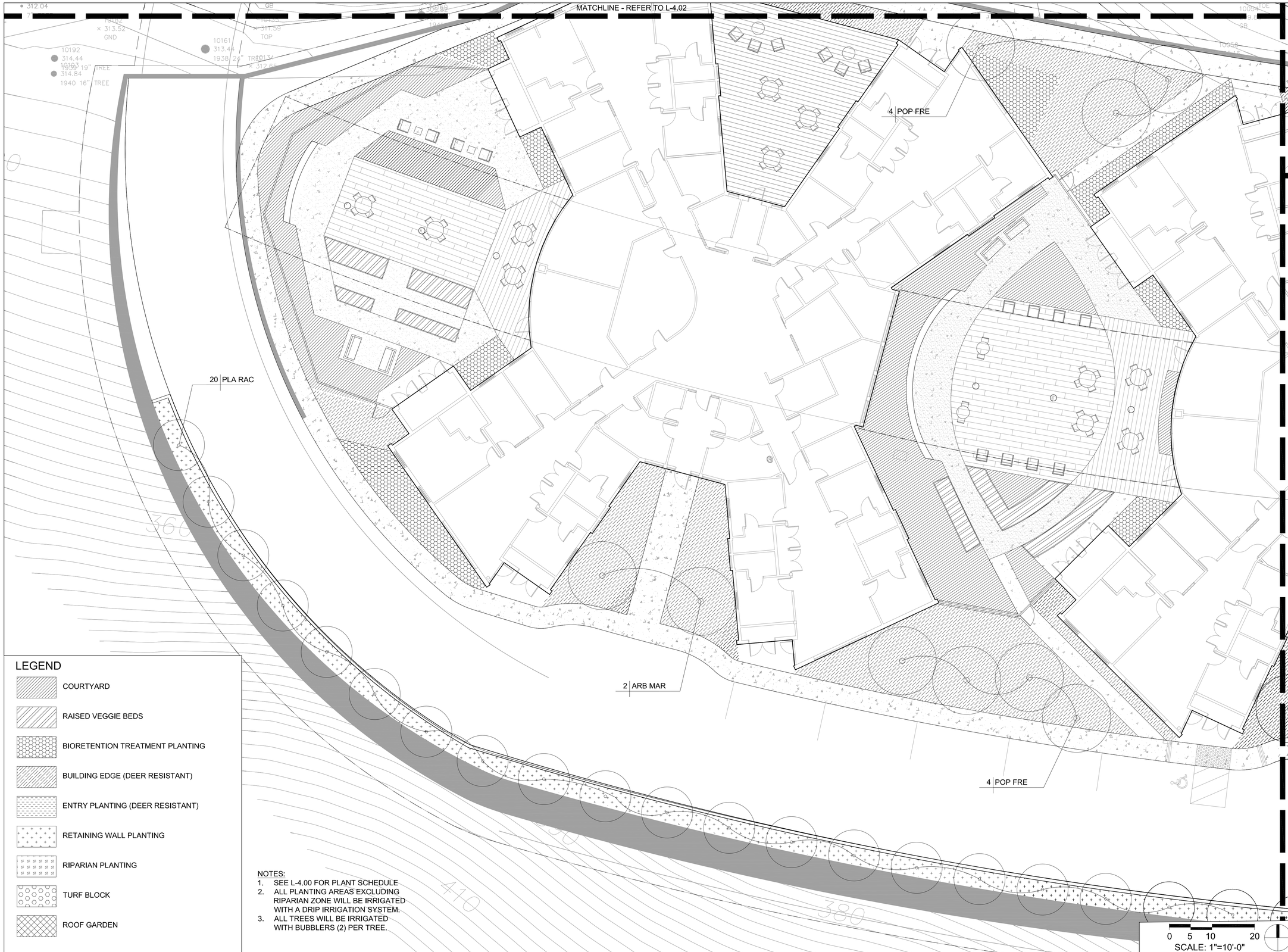

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PLANTING PLAN E

DATE: September 30, 2015

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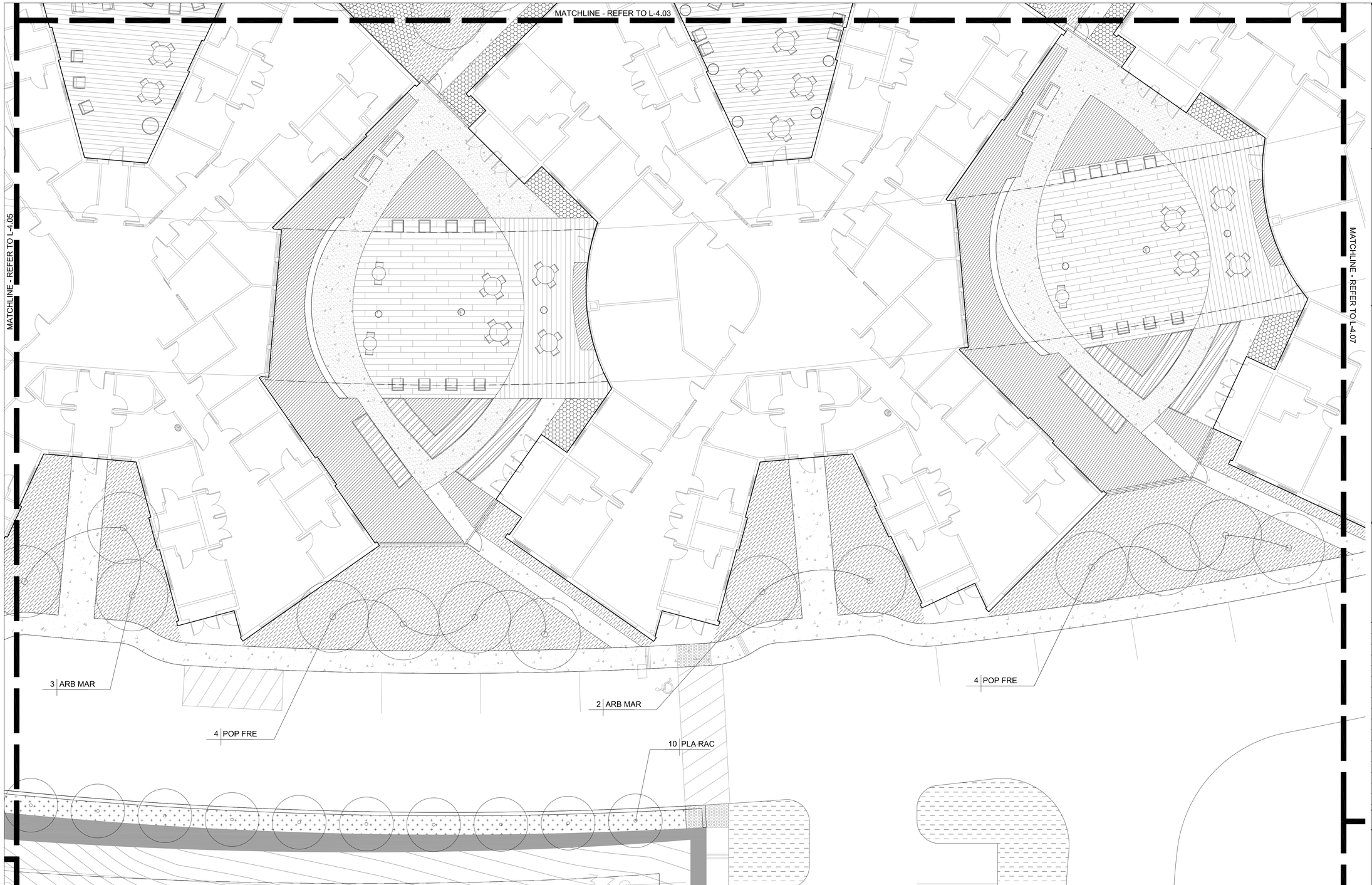

LEGEND

- COURTYARD
- RAISED VEGGIE BEDS
- BIORETENTION TREATMENT PLANTING
- BUILDING EDGE (DEER RESISTANT)
- ENTRY PLANTING (DEER RESISTANT)
- RETAINING WALL PLANTING
- RIPARIAN PLANTING
- TURF BLOCK
- ROOF GARDEN

NOTES:
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3. ALL TREES WILL BE IRRIGATED WITH BUBBLERS (2) PER TREE.

0 5 10 20
SCALE: 1"=10'-0"

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PLANTING PLAN F

DATE: September 30, 2015

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MATCHLINE - REFER TO L-4.04

MATCHLINE - REFER TO L-4.07

MATCHLINE - REFER TO L-4.03

MATCHLINE - REFER TO L-4.06

MATCHLINE - REFER TO L-4.07

9 PLA RAC

3 ARB MAR

23 POP FRE

4 POP FRE

3 ARB MAR

LEGEND

- COURTYARD
- RAISED VEGGIE BEDS
- BIORETENTION TREATMENT PLANTING
- BUILDING EDGE (DEER RESISTANT)
- ENTRY PLANTING (DEER RESISTANT)
- RETAINING WALL PLANTING
- RIPARIAN PLANTING
- TURF BLOCK
- ROOF GARDEN

NOTES:

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0 5 10 20

SCALE: 1"=10'-0"

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PLANTING PLAN G

DATE: September 30, 2015

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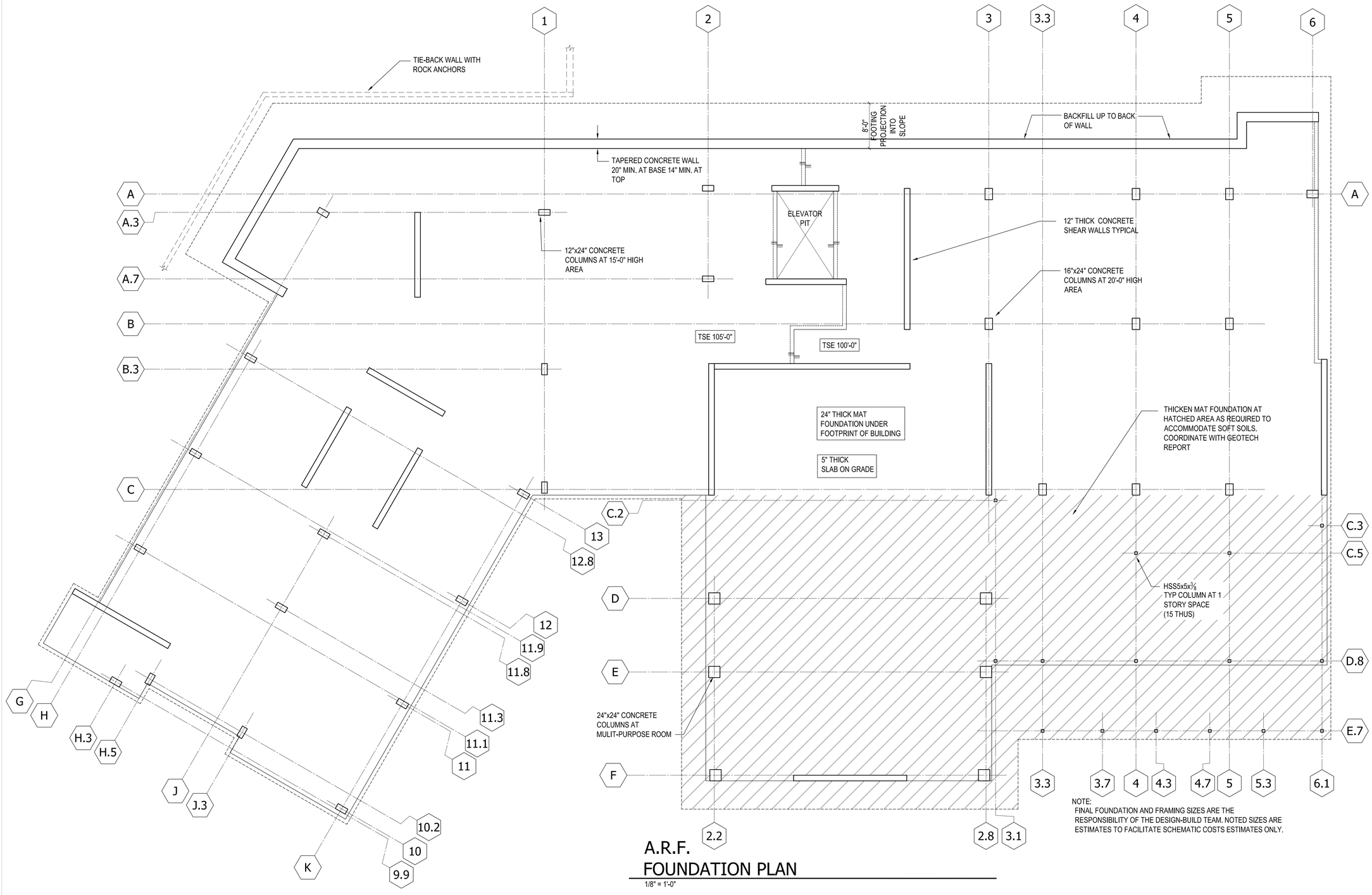

NOTE:
FINAL FOUNDATION AND FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

A.R.F. FOUNDATION PLAN

1/8" = 1'-0"

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COUNTY OF SAN MATEO FOUNDED 1856

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

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A.R.F. FOUNDATION PLAN

DATE: September 30, 2015

SCHEMATIC DESIGN

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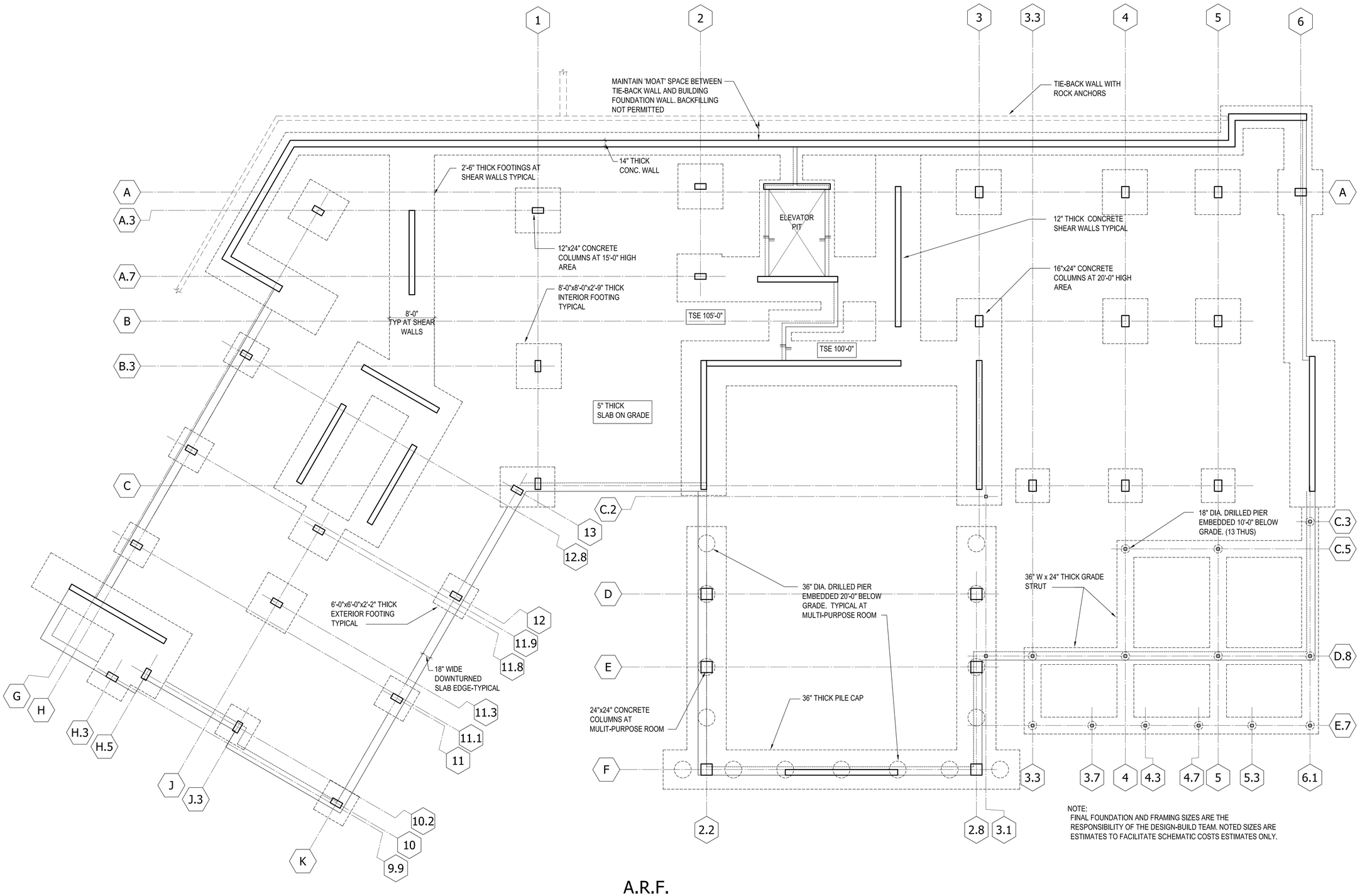

NOTE:
FINAL FOUNDATION AND FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

A.R.F.
FOUNDATION PLAN - OPTION A

1/8" = 1'-0"

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HGA
1410 ROCKY RIDGE DRIVE
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COUNTY OF SAN MATEO FOUNDED 1856

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SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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ISSUANCE HISTORY - THIS SHEET

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A.R.F.
FOUNDATION
PLAN
OPTION A

DATE: September 30, 2015

SCHEMATIC DESIGN

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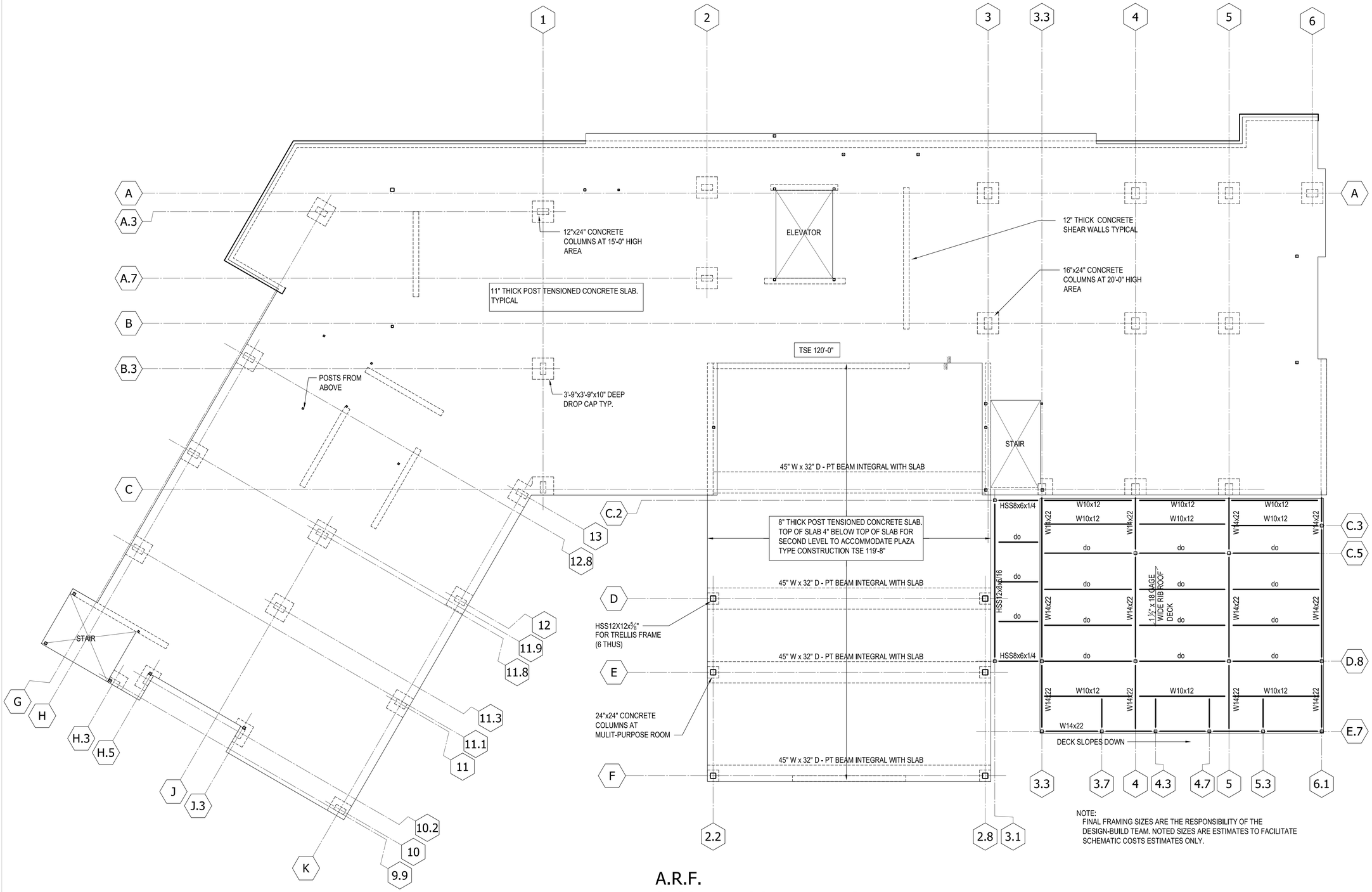

NOTE:
FINAL FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

A.R.F.
SECOND FLOOR FRAMING PLAN

1/8" = 1'-0"

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1410 ROCKY RIDGE DRIVE
SUITE 250
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225 MILLER AVENUE
MILL VALLEY CA 94941
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SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

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HGA NO: 3505-005-01

A.R.F. SECOND FLOOR FRAMING PLAN

DATE: September 30, 2015

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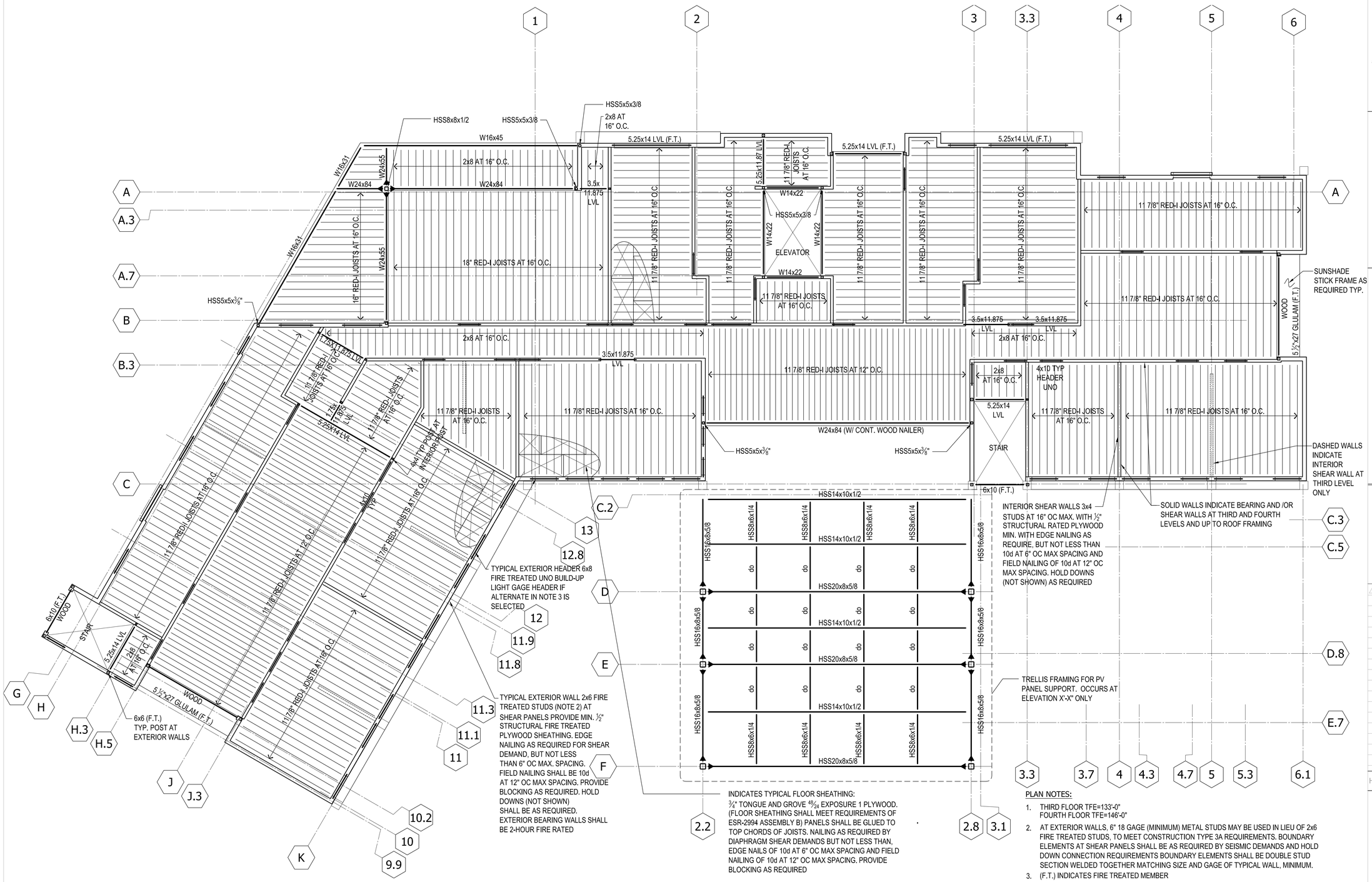

INDICATES TYPICAL FLOOR SHEATHING:
¾" TONGUE AND GROVE 48/24 EXPOSURE 1 PLYWOOD. (FLOOR SHEATHING SHALL MEET REQUIREMENTS OF ESR-2994 ASSEMBLY B) PANELS SHALL BE GLUED TO TOP CHORDS OF JOISTS. NAILING AS REQUIRED BY DIAPHRAGM SHEAR DEMANDS BUT NOT LESS THAN, EDGE NAILS OF 10d AT 6" OC MAX SPACING AND FIELD NAILING OF 10d AT 12" OC MAX SPACING. PROVIDE BLOCKING AS REQUIRED

A.R.F.
TYPICAL FLOOR FRAMING PLAN (LEVEL 3 & 4)

1/8" = 1'-0"

PLAN NOTES:

1. THIRD FLOOR TFE=133'-0"
   FOURTH FLOOR TFE=146'-0"
2. AT EXTERIOR WALLS, 6" 18 GAGE (MINIMUM) METAL STUDS MAY BE USED IN LIEU OF 2x6 FIRE TREATED STUDS, TO MEET CONSTRUCTION TYPE 3A REQUIREMENTS. BOUNDARY ELEMENTS AT SHEAR PANELS SHALL BE AS REQUIRED BY SEISMIC DEMANDS AND HOLD DOWN CONNECTION REQUIREMENTS BOUNDARY ELEMENTS SHALL BE DOUBLE STUD SECTION WELDED TOGETHER MATCHING SIZE AND GAGE OF TYPICAL WALL, MINIMUM.
3. (F.T.) INDICATES FIRE TREATED MEMBER
4. ALL INTERIOR BEARING WALLS SHALL BE 1 HOUR FIRE RATED
5. FINAL FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

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COUNTY OF SAN MATEO FOUNDED 1856

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A.R.F. TYPICAL FLOOR FRAMING PLAN LEVEL 3 & 4

DATE: September 30, 2015

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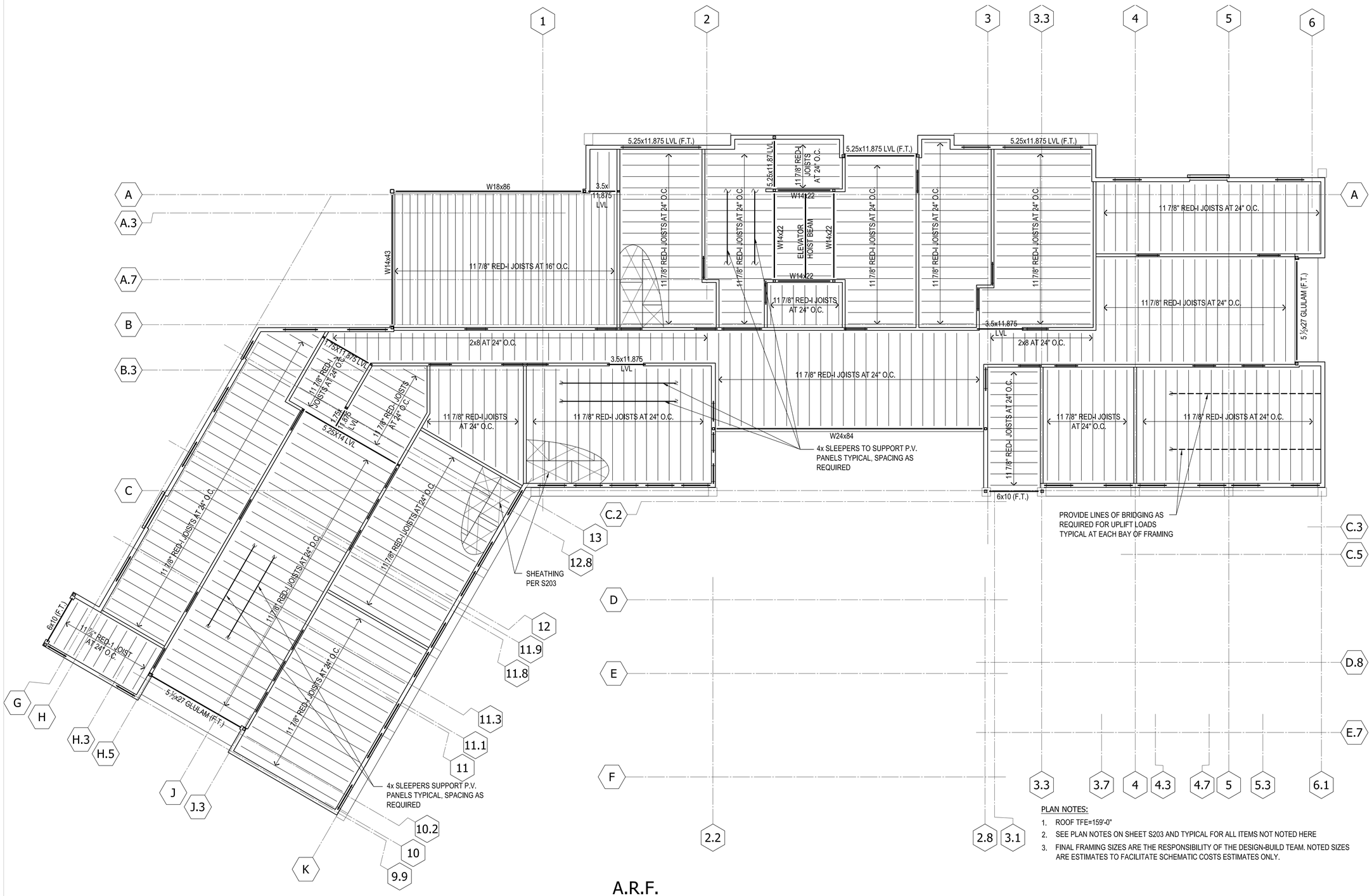

A.R.F.
TYPICAL ROOF FRAMING PLAN
1/8" = 1'-0"

PLAN NOTES:

1. ROOF TFE=159'-0"
2. SEE PLAN NOTES ON SHEET S203 AND TYPICAL FOR ALL ITEMS NOT NOTED HERE
3. FINAL FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

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A.R.F.
ROOF FRAMING PLAN

DATE: September 30, 2015

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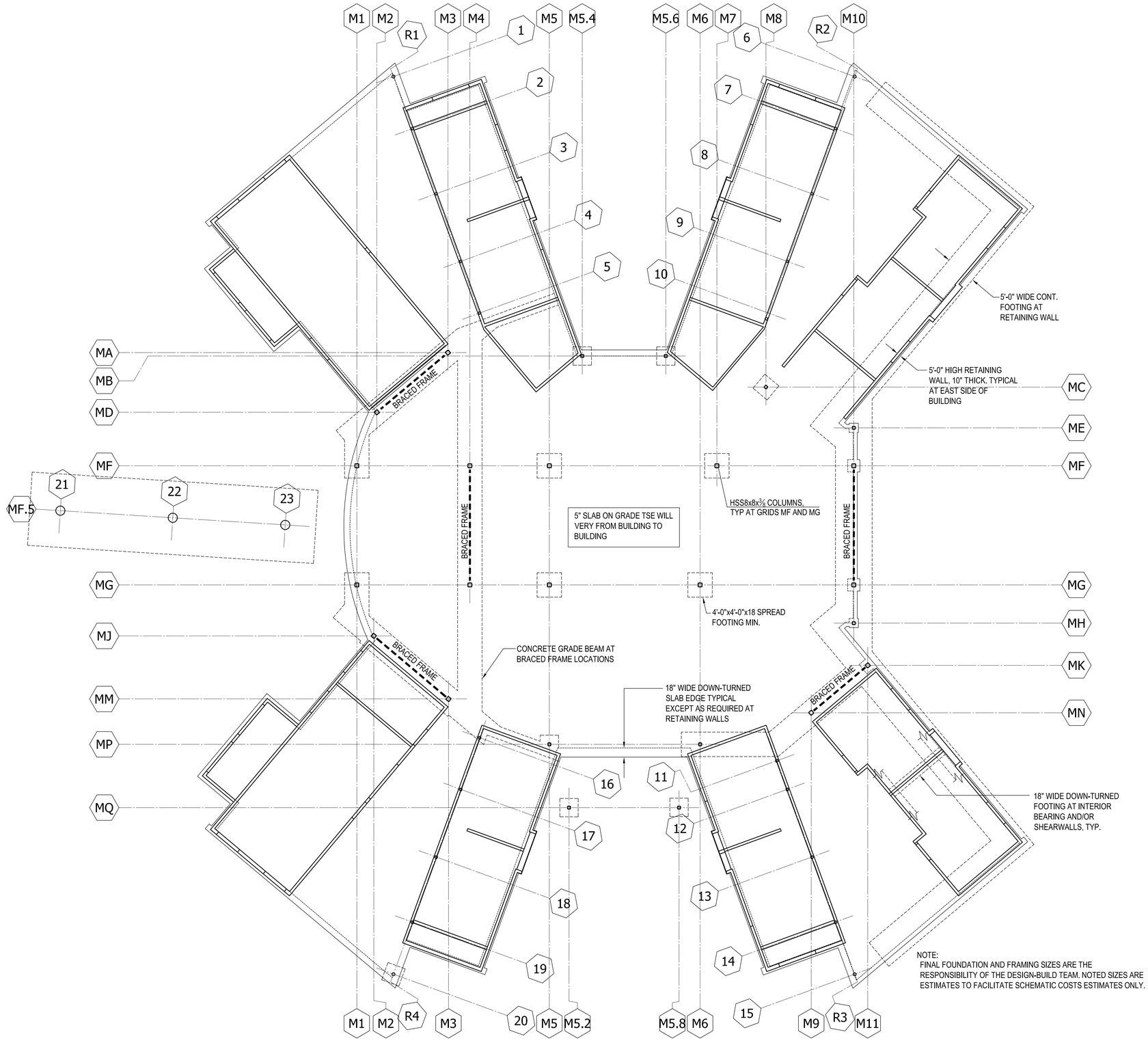

MHRC ROOF FOUNDATION PLAN

1/8"=1'-0"

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MHRC FOUNDATION PLAN

DATE: September 30, 2015

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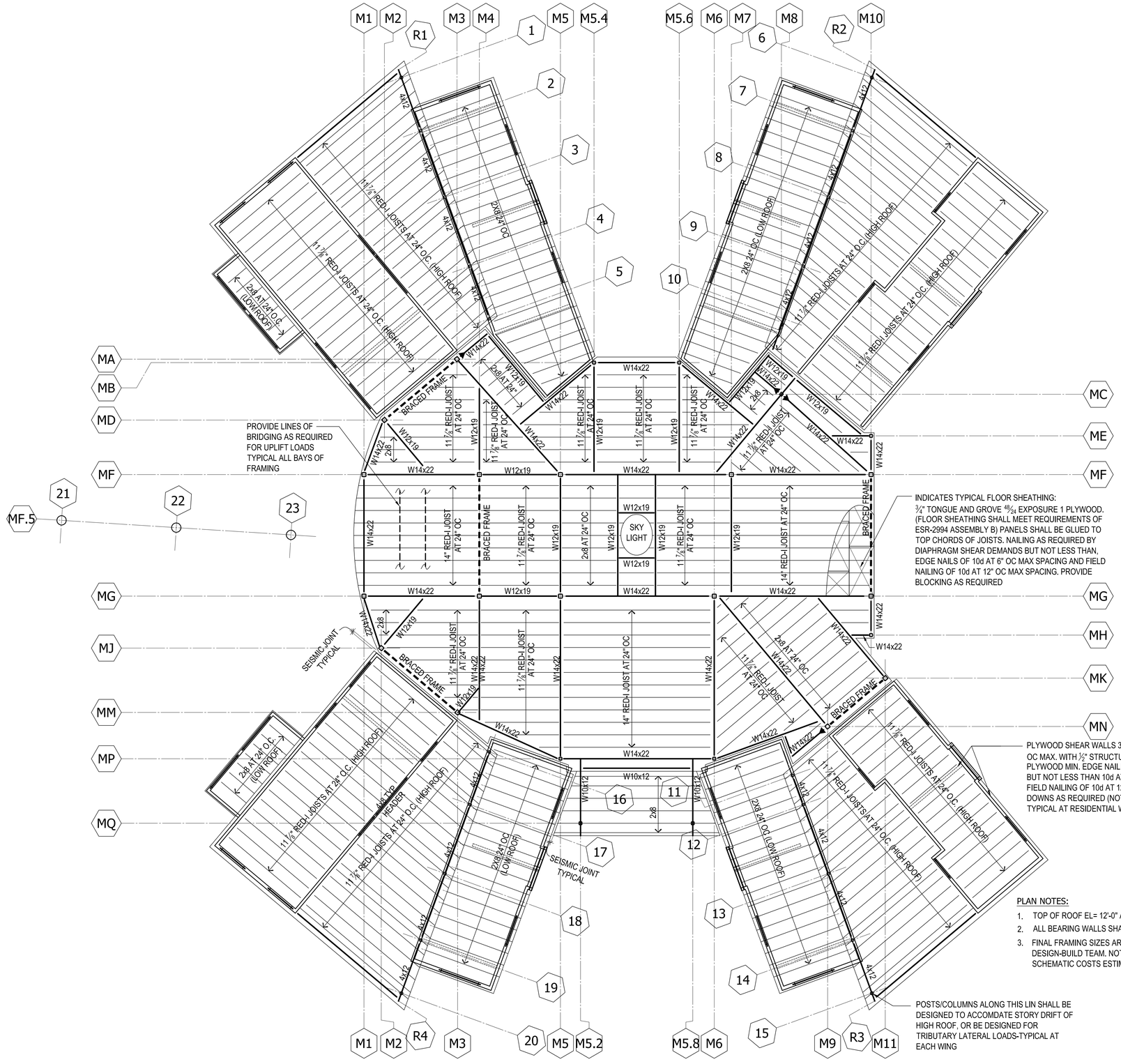

PROVIDE LINES OF BRIDGING AS REQUIRED FOR UPLIFT LOADS TYPICAL ALL BAYS OF FRAMING

INDICATES TYPICAL FLOOR SHEATHING:
¾" TONGUE AND GROVE 48/24 EXPOSURE 1 PLYWOOD. (FLOOR SHEATHING SHALL MEET REQUIREMENTS OF ESR-2994 ASSEMBLY B) PANELS SHALL BE GLUED TO TOP CHORDS OF JOISTS. NAILING AS REQUIRED BY DIAPHRAGM SHEAR DEMANDS BUT NOT LESS THAN, EDGE NAILS OF 10d AT 6" OC MAX SPACING AND FIELD NAILING OF 10d AT 12" OC MAX SPACING. PROVIDE BLOCKING AS REQUIRED

PLYWOOD SHEAR WALLS 3x4 STUDS AT 16" OC MAX. WITH ½" STRUCTURAL RATED PLYWOOD MIN. EDGE NAILING AS REQUIRED BUT NOT LESS THAN 10d AT 6" OC MAX. AND FIELD NAILING OF 10d AT 12" OC MAX. HOLD DOWNS AS REQUIRED (NOT SHOWN) TYPICAL AT RESIDENTIAL WINGS

PLAN NOTES:

1. TOP OF ROOF EL= 12'-0" ABOVE SLAB ON GRADE
2. ALL BEARING WALLS SHALL BE 1 HOUR FIRE RATED
3. FINAL FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

POSTS/COLUMNS ALONG THIS LIN SHALL BE DESIGNED TO ACCOMDATE STORY DRIFT OF HIGH ROOF, OR BE DESIGNED FOR TRIBUTARY LATERAL LOADS-TYPICAL AT EACH WING

MHRC ROOF FRAMING PLAN

1/8"=1'-0"

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COUNTY OF SAN MATEO
FOUNDED 1856

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REDWOOD CITY, CA

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MHRC
ROOF FRAMING PLAN

DATE: September 30, 2015

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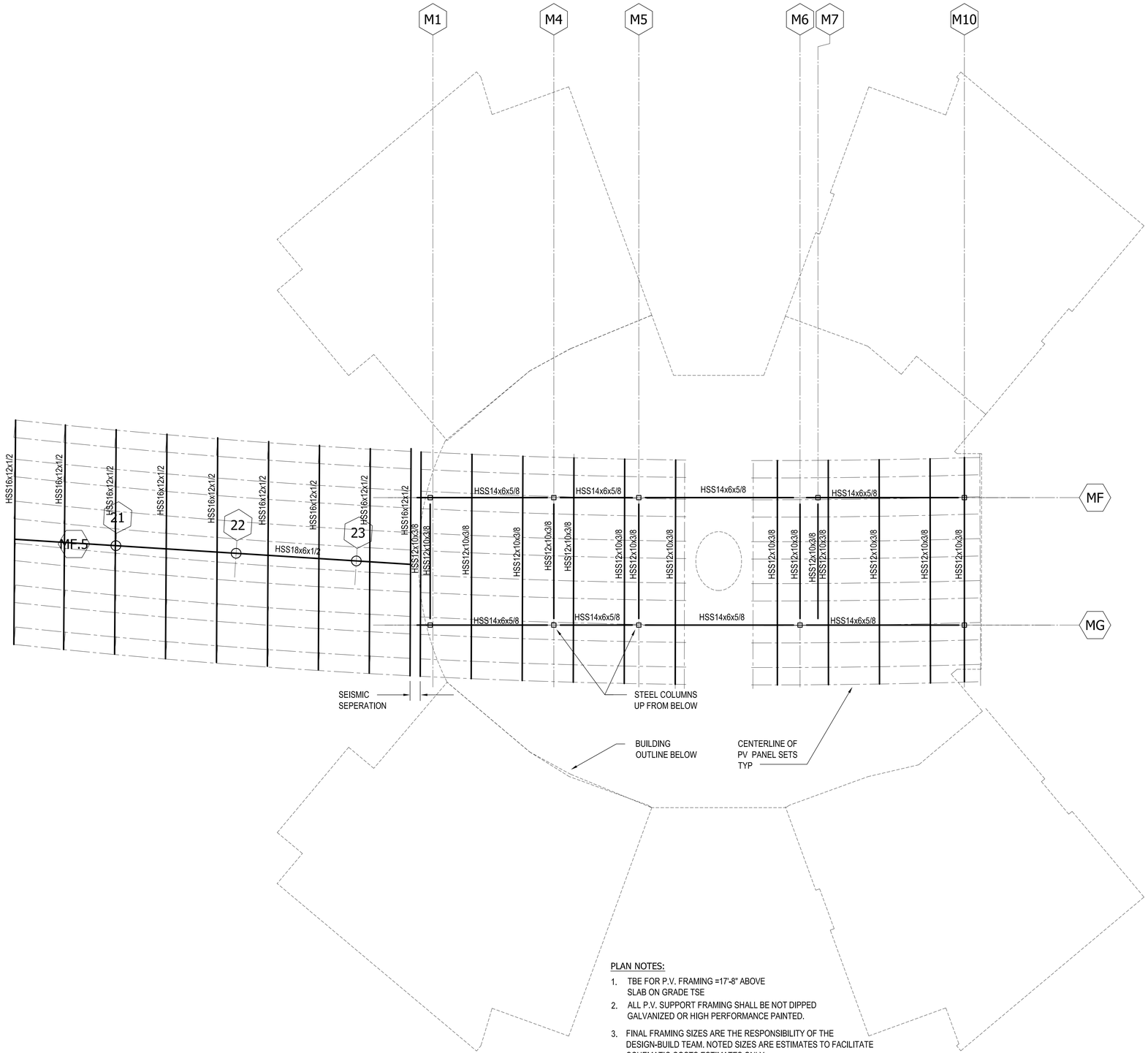

PLAN NOTES:

1. TBE FOR P.V. FRAMING =17'-8" ABOVE SLAB ON GRADE TSE
2. ALL P.V. SUPPORT FRAMING SHALL BE NOT DIPPED GALVANIZED OR HIGH PERFORMANCE PAINTED.
3. FINAL FRAMING SIZES ARE THE RESPONSIBILITY OF THE DESIGN-BUILD TEAM. NOTED SIZES ARE ESTIMATES TO FACILITATE SCHEMATIC COSTS ESTIMATES ONLY.

PV ARRAY FRAMING PLAN

1/8"=1'-0"

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COUNTY OF SAN MATEO
FOUNDED 1856

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY
BEHAVIORAL HEALTH
AND RECOVERY
SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

MHRC
PV ARRAY
FRAMING PLAN

DATE: September 30, 2015

SCHEMATIC DESIGN

S213

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A

A	AIR
A/C	AIR CONDITIONING
A/E	ARCHITECT/ENGINEER
AB	ANCHOR BOLT
ABV	ABOVE
ACC	ACCESS(IBLE) (ORIES)
ACOUS	ACOUSTICAL
ACS	AUTOMATIC CONTROL SYSTEM
ADD	ADDENDUM
ADDL	ADDITIONAL
ADH	ADHESIVE
ADJ	ADJUSTABLE
ADJC	ADJACENT
AES	ARCHITECTURALLY EXPOSED FABRICATION STEEL
AESS	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL
AFF	ABOVE FINISH FLOOR
AL	ALUMINUM
ALT	ALTERNATE
ANC	ANCHOR(AGE)
ANOD	ANODIZED
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECT(URAL)
AUTO	AUTOMATIC
AV	AUDIO VISUAL
AVG	AVERAGE

B

BD	BOARD
BEL	BELOW
BFE	BOTTOM OF FOOTING ELEVATION
BLDG	BUILDING
BLE	BRICK LEDGE ELEVATION
BLKG	BLOCKING
BM	BEAM
BOT	BOTTOM
BR	BACKER ROD
BRDG	BRIDGING
BPG	BEARING
BRKT	BRACKET
BTW	BETWEEN
BW	BOTH WAYS
C/C	CENTER TO CENTER

C

CAB	CABINET
CCTV	CLOSED CIRCUIT TELEVISION
CEN	CENT(ER) (TRAL)
CHAM	CHAMFER
CIP	CAST IN PLACE
CIR	CIRCLE
CJ	CONTROL/CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTER LINE
CLG	CEILING
CLO	CLOSET
CLR	CLEAR(ANCE)
CNR	CORNER
CNTR	COUNTER
COL	COLUMN
COMB	COMBINATION
COMP	COMPOSITE
COMPU	COMPUTER
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINU(E) (OUS) (ATION)
CONTR	CONTRACT(OR)
COP	COPING
CORR	CORRIDOR
CP	CONSTRUCTION PACKAGE
CPU	CENTRAL PROCESSING UNIT
CR	CARD READER
CRS	COURSE(S)
CS	CLINICAL SINK
CSK	COUNTER (SINK) (SUNK)
CUH	CABINET UNIT HEATER

D

D	DATA OUTLET
D	DEEP, DEPTH
D & E	DRILL AND EPOXY GROUT
DBA	DEFORMED BEARING ELEVATION
DBE	DECK BEARING ELEVATION
DBL	DOUBLE
DEG	DEGREE(S)
DEMO	DEMO(LISH) (LITION)
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIAG	DIAGONAL
DIF	DIFFEREN(CE) (TIAL)
DIFF	DIFFUSER
DIM	DIMENSION
DIST	DISTRIBUT(E) (ION)
DIV	DIVI(DE) (DED) (DER) SION)
DJ	DEFLECTION JOINT
DL	DEAD LOAD
DN	DOWN
DO	DITTO
DO	DOOR OPERATOR
DOC	DOCUMENT(S)
DR	DOOR
DS	DOWNSPOUT
DWG(S)	DRAWING(S)
DWL	DOWEL (REBAR)

E

E	EAST, EASTING
EA	EACH
EF	EACH FACE
EHD	ELECTRICAL HAND DRYER
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRIC (AL)
EMER	EMERGENCY
ENCL	ENCLOS(E)(ED)(URE)
ENGR	ENGINEER(S)
ENTR	ENTRANCE
(E)	EXISTING
EO	ELECTRICAL OUTLET
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
EX	EXAMPLE
EXC	EXCAVAT(E) (ED) (ION)
ESCL	EXCLUD(E) (ED) (ING)
EXCP	EXCEPT
EXG	EXISTING
EXH	EXHAUST
EXP	EXPAN(D) (SION)
EXT	EXTERIOR

F

F	FARENHEIT
F/F	FACE TO FACE
FA	FIRE ALARM
FAB	FABRICAT(E) (ED) (OR)
FAS	FASTEN(ED) (ER)
FC(S)	FACE(S)
FD	FLOOR DRAIN
FDN	FOUNDATION
FDV	FIRE DEPARTMENT VALVE
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FGL	FIBERGLASS
FLASH	FLASHING
FLEX	FLEXIBLE
FLG	FLANGE
FLP	FLOOR(ING)
FCO	FLOOR CLEAN OUT
FLTL	FIXED LINTEL
FOW	FACE OF WALL
FR	FRAME
FS	FAR SIDE
FS	FOOTING STEP
FT	FOOT, FEET
FTG	FOOTING
FTG	FINNED TUBE RADIATION
FURG	FURRING

G

GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GENL	GENERAL
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GLB	GLUE LAMINATED BEAM
GND	GROUND
GR	GRADE
GRL	GRILLE
GRV	GAVITY ROOF VENTILATOR
GSKT	GASKET

H

H	HIGH, HEIGHT
HB	HOSE BIB
HD	HEAD
HD	HEAVY DUTY
HDR	HEADER
HDWD	HARDWOOD
HDWE	HARDWARE
HM	HOLLOW METAL
HO	HOLD OPEN
HORIZ	HORIZONTAL
HPT	HIGH POINT
HR	HANDRAIL(S)
HR	HOUR
HSKP	HOUSEKEEPING
HSS	HOLLOW STRUCTURAL SECTION (SRUC SHAPE)
HTG	HEATING
HTR	HEATER
HVAC	HEATING VENTILATING AND AIR CONDITIONING

I

ID	INSIDE DIAMETER/DIMENSION
IF	INSIDE FACE
IN	INCH(ES)
INCL	INCLU(DE) (DING) (SIVE)
INFO	INFORMATION
INSUL	INSULAT(E) (ED) (ION)
INT	INTERIOR

J

JBE	JOIST BEARING ELEVATION
JC	JANITOR CLOSET
JS	JANITOR'S SINK
JST	JOIST
JT	JOINT

K

K	KIP (1000 POUNDS)
KIT	KITCHEN
KO	KNOCK OUT
KS	KNEE SPACE
KYBD	KEYBOARD

L

L	ANGLE (STRUC SHAPE)
L	LONG, LENGTH
LAM	LAMINAT(E) (ED) (ION)
LAV	LAVATORY
LB	POUND
LF	LINEAL FOOT, FEET
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLTL	LOOSE LINTEL
LLV	LONG LEG VERTICAL
LOC	LOCAT(E) (ION)
LONG	LONGITUDINAL(LY)
LPT	LOW POINT
LT	LIGHT
LTG	LIGHTING
LTL	LINTEL
LVL	LEVEL
LW	LIGHTWEIGHT

M

MAS	MASONRY
MATL	MATERIAL
MAX	MAXIMUM
MBR	MEMBER
MC	MISCELLANEOUS CHANNEL (STRUC SHAPE)
MECH	MECHANICAL(LY)
MED	MEDIUM
MEMB	MEMBRANE
MET	METAL
MEZZ	MEZZANINE
MFD	MANUFACTURED
MFR	MANUFACTURER
MGR	MANAGER
MIN	MINIMUM
MIN	MINUTE
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MON	MONITOR
MOR	MORTAR
MT(D)	MOUNT(ED)
MUL	MULLION
MWO	MICROWAVE OVEN

N

(N)	NEW
N	NITROGEN
N	NORTH, NORTHING
N/A	NOT APPLICABLE
NECRY	NECESSARY
NIC	NOT IN CONTRACT
NO	NUMBER
NO2	NITROUS OXIDE
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT (SION)
NS	NEAR SIDE
NSG	NON-SHRINK GROUT
NTS	NOT TO SCALE
NW	NORMAL WEIGHT

O

O	OXYGEN
OA	OVERALL
OC	ON CENTER
OD	OUTSIDE DIAMETER/DIMENSION
OF	OUTSIDE FACE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
CFVI	OWNER FURNISHED, VENDOR INSTALLED
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
OPT	OPTION(AL)
OS	OVERFLOW SCUPPER

P

PA	PUBLIC ADDRESS
PAR	PARALLEL
PB	PANIC BAR
PB	PUSH BUTTON
PR(S)	PIECE(S)
PCF	POUNDS PER CUBIC FOOT
PERF	PERFORATE(D)
PERIM	PERIMETER
PERM	PERIMANENT(LY)
PFB	PREFABRICATE(D)
PFN	PREFINISH (ED)
PL	PLATE
PL	PROPERTY LINE
PLF	POUNDS PER LINEAL FOOT
PNL	PANEL
POL	POLISH(ED)
PR	PAIR
PROJ	PROJECT(ION) (OR)
PROP	PROPERTY
PRV	POWER ROOF VENTILATOR
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PT	POINT
PT	POST TENSION(ED) (ING)
PTD	PAINTED
PTN	PARTITION
PTS	PNEUMATIC TUBE STATION

Q

QTY	QUANTITY

R

R	RADIUS, RADII
R	RISER
R AND R	REMOVE(D) AND REPLACE(D)
RA	RETURN AIR
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REC	RECOMMENDED(ED)
REF	REFER(ENCE)
REFR	REFRIGERAT(OR) (ED)
REG	REGISTER
REINF	REINFORC(E) (ED) (ING) (EMENT)
REM	REMOV(E) (ED) (ABLE)
REQD	REQUIRED
REQM	REQUIREMENT(S)
RET	RETURN(ED)
REV	REVISE(E) (ED) (ION)
RM	ROOM
RO	ROUGH OPENING
RVS	REVERSE(D)
RWL	RAIN WATER LEADER

S

S	SHAPE (STRUC SHAPE)
S	SOUTH SOUTHING
SA	SUPPLY AIR
SBLK	SPLASH BLOCK
SCHED	SCHEDULE
SECT	SECTION
SF	SQUARE FOOT/FEET
SHR	SHOWER
SHT	SHEET(ING)
SHTG	SHEATING
SIM	SIMILAR
SKLT	SKYLIGHT(S)
SL(R)	SEAL(ER)
SMS	SHEET METAL SCREWS
SOG	SLAB ON GRADE
SP(S)	SPACE(S)
SPEC(S)	SPECIFICATION(S)
SPKR	SPEAKER
SQ	SQUARE
SRCJ	SPECIALLY ROUGHENED CONSTR JT
SS	STAINLESS STEEL
SSD	SEE STRUCTURAL DRAWINGS
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STIF	STIFFENER
STL	STEEL
STOR	STORAGE
STRUC	STRUCTUR(E)(AL)
SUSP	SUSPEN(D) (DED)
SW	SWITCH
SYM	SYMMETR(Y) (ICAL)
SYS	SYSTEM(S)

T

T	THERMOSTAT
T	TOILET
T	TREAD
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
T/D	TELEPHONE DATA OUTLET
TBE	TOP OF BEAM ELEVATION
TCE	TOP OF PILE CAP (CAISSON) ELEVATION
TD	TRENCH DRAIN
TDE	TOP OF DECK ELEVATION
TEL	TELEPHONE
TEMP	TEMPERATURE
TEMP	TEMPORARY
TERM	TERMINA(L) (TE) (TION)
TFE	TOP OF FOOTING ELEVATION
THK	THICK(NESS)
THR	THRESHOLD
TJE	TOP OF JOIST ELEVATION
TLE	TOP OF LEDGE ELEVATION
TME	TOP OF MASONRY ELEVATION
TMP	TEMPERED
TPE	TOP OF PIER ELEVATION
TR	TRANSOM
TRANS	TRANSITION
TRANSL	TRANSLUCENT
TRANSP	TRANSPARENT
TRANSV	TRANSVERSE
TS	TACKABLE SURFACE
TS	TALL STORAGE
TSE	TOP OF SLAB ELEVATION
TSO	VOICE/DATA
TV	TELEVISION
TWE	TOP OF WALL ELEVATION
TYP	TYPICAL

U

UC	UNDER CABINET
UG	UNDERGROUND
UNFIN	UNFINISH(ED)
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
UTIL	UTILITY
UV	ULTRAVIOLET

V

V	VALVE
V	VENT
VAC	VACUUM
VAR	VAR(Y) (IES) (IATION)
VBRI	VIEW BOX ROUGH IN
VD	VOICE DATA
VEN	VENEER
VENT	VENTILAT(ION) (OR)
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VOL	VOLUME
VP	VENEER PLASTER
VSL	VACUUM BOTTLE SLIDE

W

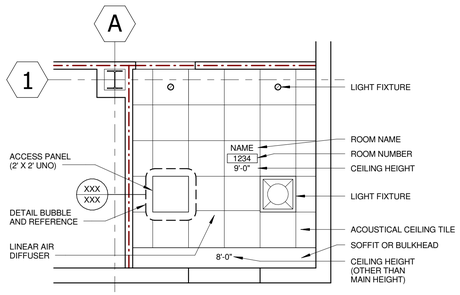
W	W SHAPE (STRUC SHAPE)
W	WEST, WESTING
W	WIDE, WIDTH
W/	WITH
W/O	WITHOUT
WC	WALL CABINET
WC	WATER CLOSET
WD	WOOD
WH	WALL HYDRANT
WH	WATER HEATER
WL	WIND LOAD
WP	WATERPROOF
WPT	WORK(ING) POINT
WSCT	WAINSCOT
WSG	WEATHERSTRIPPING
WT	STRUCTURAL TEE (STRUC SHAPE)
WT	WEIGHT
WWF	WELDED WIRE FABRIC

X

XP(D)	EXPOSE(D)

SPECIAL SYMBOLS			
@	AT	⊥	PERPENDICULAR
℄	CENTERLINE	#	NUMBER
∅	DIAMETER	/	PER

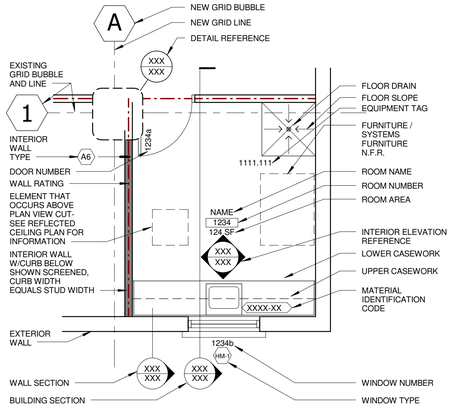
ARCHITECTURAL ABBREVIATIONS



OTHER CEILING PLAN SYMBOL DESIGNATIONS	
RECESSED CAN DOWNLIGHT	
RECESSED CAN WALL WASHER	
PENDANT MOUNTED LIGHT FIXTURE	
CEILING-MOUNTED EXIT LIGHT (SEE ELECTRICAL DRAWINGS)	
WALL-MOUNTED EXIT LIGHT (SEE ELECTRICAL DRAWINGS)	
SPEAKER (SEE ELECTRICAL DRAWINGS)	

A010 - CEILING PLAN SYMBOLS

1/4" = 1'-0"



OTHER FLOOR PLAN SYMBOL DESIGNATIONS	
EXISTING DOOR TO REMAIN	EXISTING DOOR TO DEMO
EXISTING WALL TO REMAIN	EXISTING WALL TO DEMO
FEC FIRE EXTINGUISHER LOCATION	BARIATRIC TOILET- SEE PLUMBING DRAWINGS FOR ADDITIONAL INFO.

A010 - FLOOR PLAN SYMBOLS

1/4" = 1'-0"

SHEET NUMBER EXPLANATION

1. ARCHITECTURAL
THIS CHARACTER DENOTES THE SHEET IS AN ARCHITECTURAL DRAWING.

2. SHEET TYPE
THIS CHARACTER DENOTES THE TYPE OF INFORMATION ON THE SHEET.

10 DEMOLITION PLANS
20 FLOOR PLANS
21 ROOF PLANS
30 CEILING PLANS
40 EXTERIOR ELEVATIONS
41 BUILDING SECTIONS
42 WALL SECTIONS
60 INTERIOR ELEVATIONS

3. FLOOR / BUILDING NUMBER
THESE CHARACTERS DENOTE EITHER THE NUMBER OF THE FLOOR SHOWN ON THE SHEET OR THE NEXT SEQUENTIAL NUMBER OF THAT SERIES OF SHEETS.

SHEET NUMBER EXAMPLE

A201

1. ARCHITECTURAL
2. SHEET TYPE
3. FLOOR / BUILDING NUMBER

A010 - ARCHITECTURAL SHEET NUMBERS

12" = 1'-0"

GENERAL NOTES

A. THESE GENERAL NOTES APPLY TO THE CONSTRUCTION DOCUMENTS AND SHALL GOVERN UNLESS NOTED OTHERWISE BY GENERAL NOTES OR KEYNOTES ON SPECIFIC SHEETS.

B. [INSERT PROJECT SCOPE / INTENT]

C. [INSERT CODE ASSUMPTIONS]

D. [INSERT ENERGY COMPLIANCE]

E. THE AUTOMATIC FIRE SPRINKLER SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE 2002 EDITION OF NFPA STANDARD # 13. INSTALLATION OF THE FIRE SPRINKLER SYSTEM SHALL NOT BE STARTED UNTIL COMPLETE PLANS AND SPECIFICATIONS (INCLUDING WATER SUPPLY INFORMATION) HAVE BEEN APPROVED BY OSHPD. AT VARIOUS STAGES AND UPON COMPLETION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF THE ENFORCING AGENCY.

F. OUTLET BOXES IN FIRE RATED WALLS AND PARTITIONS SHALL BE SEPARATED HORIZONTALLY A MINIMUM OF 24 INCHES PER CBC SECTION 712.

G. COMMUNICATIONS SYSTEMS, EMERGENCY POWER SUPPLY SYSTEMS, BULK MEDICAL GAS SYSTEMS, FIRE ALARM SYSTEMS, EMERGENCY LIGHTING EQUIPMENT AND SIGNS IN THE MEANS OF EGRESS SHALL BE ANCHORED TO NONSTRUCTURAL PERFORMANCE CATEGORY (NPC) 2 STANDARDS AS DEFINED BY THE CBC.

H. UPON COMPLETION OF THE INSTALLATION OF THE FIRE ALARM SYSTEM, A SATISFACTORY TEST OF THE ENTIRE SYSTEM SHALL BE MADE IN THE PRESENCE OF THE ENFORCING AGENCY AND IOR.

I. PENETRATIONS OF PIPES, CONDUITS, ETC. IN RATED ASSEMBLIES SHALL BE FIRE-STOPPED. FIRE-STOPPING SHALL BE AN APPROVED MATERIAL AS PRESCRIBED BY THE STATE FIRE MARSHAL STANDARDS. PROTECTION DETAILS OF THRU-PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL BE UL/WH LISTED AND COMPLY WITH CBC SECTION 712. PROTECTION DETAILS OF MEMBRANE PENETRATIONS THROUGH FIRE RATED PARTITIONS SHALL COMPLY WITH CBC SECTION 712. ASSEMBLIES AND ENGINEERING JUDGEMENTS USED ON THSI PROJECT ARE LISTED IN THE APPENDIX LABELED "ENGINEERING JUDGEMENTS AND TESTED ASSEMBLIES".

J. NOTIFY ARCHITECT PROMPTLY IF INFORMATION SHOWN IN ONE CONSTRUCTION DOCUMENT CONFLICTS WITH INFORMATION SHOWN ON ANOTHER.

K. NOTIFY ARCHITECT PROMPTLY IF CONSTRUCTION DOCUMENTS ARE INCONSISTENT WITH THE CURRENT APPLICABLE CODES AND REGULATIONS.

L. STRUCTURAL COMPNANTS AS INDICATED ON ARCHITECTURAL DRAWINGS MAY VARY FROM ACTUAL PROFILES AND SIZES INDICATED ON THE STRUCTURAL DRAWINGS WHICH SHALL GOVERN.

M. COORDINATE EXACT LOCATIONS OF LIGHT FIXTURES. SPEAKERS, SMOKE DETECTORS, EXIT LIGHTS, ACCESS PANELS, SPRINKLER HEADS, HVAC DUCTS, DIFFUSERS, REGISTERS, AND OTHER SUCH CEILING ITEMS WITH MECHANICAL, ELECTRICAL AND OTHER TRADES. NOTIFY ARCHITECT PROMPTLY IF ANY LOCATIONS CONFLICT WITH ARCHITECTURAL REFLECTED CEILING PLANS.

N. REFER TO ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR FLOOR, WALL, AND CEILING OPENINGS. ALL OPENINGS SHALL BE CUT AND PATCHED AS REQUIRED BY EACH DISCIPLINE OR TRADE REQUIRING THE OPENING UNLESS NOTED OTHERWISE IN THE CONSTRUCTION DOCUMENTS. PATCHING IS TO BE IN CONFORMANCE WITH APPLICABLE CODES.

O. PROVIDE CONTINUOUS FIRE RESISTIVE CONSTRUCTION AROUND ALL RECESSED AND SEMI-RECESSED FIXTURES AND DEVICES IN FIRED RATED PARTITIONS.

P. REFER TO MECHANICAL DWGS. FOR HVAC, CHILLED AND HOT WATER PIPING PLANS, SCHEDULES, NOTES AND DETAILS.

Q. REFER TO PLUMBING DWGS. FOR DOMESTIC WATER AND WASTE PIPING, MED. GAS PIPING, SCHEDULES, NOTES, AND DETAILS.

R. REFER TO ELECTRICAL DWGS. FOR SITE POWER PLANS, LIGHTING AND POWER PLANS, SCHEDULES, NOTES, DETAILS AND DIAGRAM.

S. NOTHING SHALL BE ATTCHED TO THE STAIRWAY (EXIT ENCLOSURE) RATED WALL ASSEMBLY SYSTEM THAT DOES NOT SERVE THE EXIT.

GENERAL NOTES

12" = 1'-0"

hGA.
170 Maiden Lane,5th Floor
San Francisco, California 94108
Telephone 415.814.6910

STRUCTURAL ENGINEER
HGA
1410 ROCKY RIDGE DRIVE
SUITE 250
ROSEVILLE CA 95661
916.787.5100

LANDSCAPE ARCHITECT
RHAA
225 MILLER AVENUE
MILL VALLEY CA 94941
415.383.7900

COUNTY OF SAN MATEO
FOUNDED 1856

CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH
SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

GENERAL NOTES, ABBREVIATIONS AND SYMBOLS

DATE: September 30, 2015

SCHEMATIC DESIGN

A010

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SPEC SECTION	ABBREVIATION	DESCRIPTION
051213	AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
085113	AW-1	ALUMINUM WINDOW - CASEMENT / OUT-SWING WITH LIMITER LOCKS
085113	AW-2	ALUMINUM WINDOW - MENTAL HEALTH WINDOW / SECURE VENT / INTERNAL VENT WITH ELEC. OPERATED INTERNAL BLINDS
085113	AW-3	ALUMINUM WINDOW - FIXED
098433	AWT	ACOUSTICAL WALL TREATMENT 1" THICK STRETCH FABRIC OVER ACOUSTICAL CORE
030000	CONC FIN	CONCRETE FINISHES
030000	CS	CONCRETE SEALER
084400	CW	CURTAIN WALL (GLAZED ALUMINUM) PRE-FABRICATED, FIELD ASSEMBLED, PRESSURE WALL
081113	DR	ALUMINUM AND GLASS DOOR
072400	EIFS	EXTERIOR INSULATION FINISH SYSTEM PB ADHESIVE ATTACHED ON GYP SHTG
089100	LVR	LOUVER (METAL) 4" DEEP, PREFINISHED ALUMINUM
055000	MET RAIL	METAL AND GLASS RAILING
074215	MP-1	MANUFACTURED METAL PANEL - PAINTED TO MATCH WINDOW MULLIONS
074215	MP-2	MANUFACTURED METAL PANEL - PAINTED TO MATCH ZINC ROOFING
099000	PT-1	PAINT TYP U.N.O.
099000	PT-2	PAINT ACCENT
263100	PV	PHOTOVOLTAIC PANEL
093000	QT	QUARRY TILE
096500	RSF-1	RESILIENT VINYL FLOOR TILE
096500	RSF-2	RESILIENT LINOLEUM SHEET FLOORING
096500	RSF-3	RESILIENT SHEET FLOORING
096500	RSF-4	RUBBER TILE FLOORING
084400	SCD	SUN CONTROL DEVICE SCD: ALUMINUM FRAME AND TRELLIS, 2'-10" DEEP
083613	SD	SECTIONAL DOORS (OVERHEAD) PREFINISHED GALVANIZED STEEL AND GLASS, ELECTRICALLY OPERATED
074456	SDG	FIBER CEMENT WALL PANEL
086300	SKLT	METAL FRAMED GLASS SKYLIGHT
076100	SMR	SHEET METAL ROOFING PREFINISHED SHEET METAL, ZINC STANDING SEAM
075400	TPO	THERMOPLASTIC SINGLE PLY ROOFING
122126	WT	WINDOW TREATMENT

1 MATERIAL ID LIST

170 Maiden Lane,5th Floor
San Francisco, California 94108
Telephone 415.814.6910

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CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

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MATERIAL IDENTIFICATION CODES

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1 AERIAL PERSPECTIVE

2 MHRC PERSPECTIVE

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MENTAL HEALTH CENTER
REPLACEMENT PROJECT

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DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
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RENDERINGS

DATE: September 30, 2015

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1 ARF PERSPECTIVE

2 INTERIOR PERSPECTIVE

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CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

RENDERINGS

DATE: September 30, 2015

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1 LIFE SAFETY PLAN - SITE
1" = 40'-0"

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

(SYMBOLS ONLY- SEE LIFE SAFETY PLANS FOR ACTUAL INFORMATION)

I-2 — BUILDING CODE OCCUPANCY TYPE

B OCC OCC / TYPE IA — LIFE SAFETY CODE OCCUPANCY TYPE / LIFE SAFETY CODE CONSTRUCTION TYPE

- FUNCTION OF SPACE.
- TOTAL SQUARE FEET.
- OCCUPANT LOAD FACTOR.
- OCCUPANT LOAD.

- EXIT/EXIT-ACCESS COMPONENT (E.G., STAIR, DOOR).
- NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.
- MINIMUM REQUIRED CLEAR WIDTH (INCHES).
- AVAILABLE CLEAR WIDTH (INCHES).

— NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.

COMMON PATH OF TRAVEL OR EXIT ACCESS TRAVEL DISTANCE (#FT).

TRAVEL DISTANCE TO NEAREST EXIT (FEET).

SMOKE BARRIER/COMPARTMENT

REQUIRED ASSEMBLY RATING

1	ONE HOUR RATED	
2	TWO HOUR RATED	

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	S	SMOKE BARRIER/COMPARTMENT
X	SMOKE PARTITIONS	W	FIRE WALL

F — FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")

HE — HORIZONTAL EXIT

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HGA NO: 3505-005-01

LIFE SAFETY PLAN - SITE

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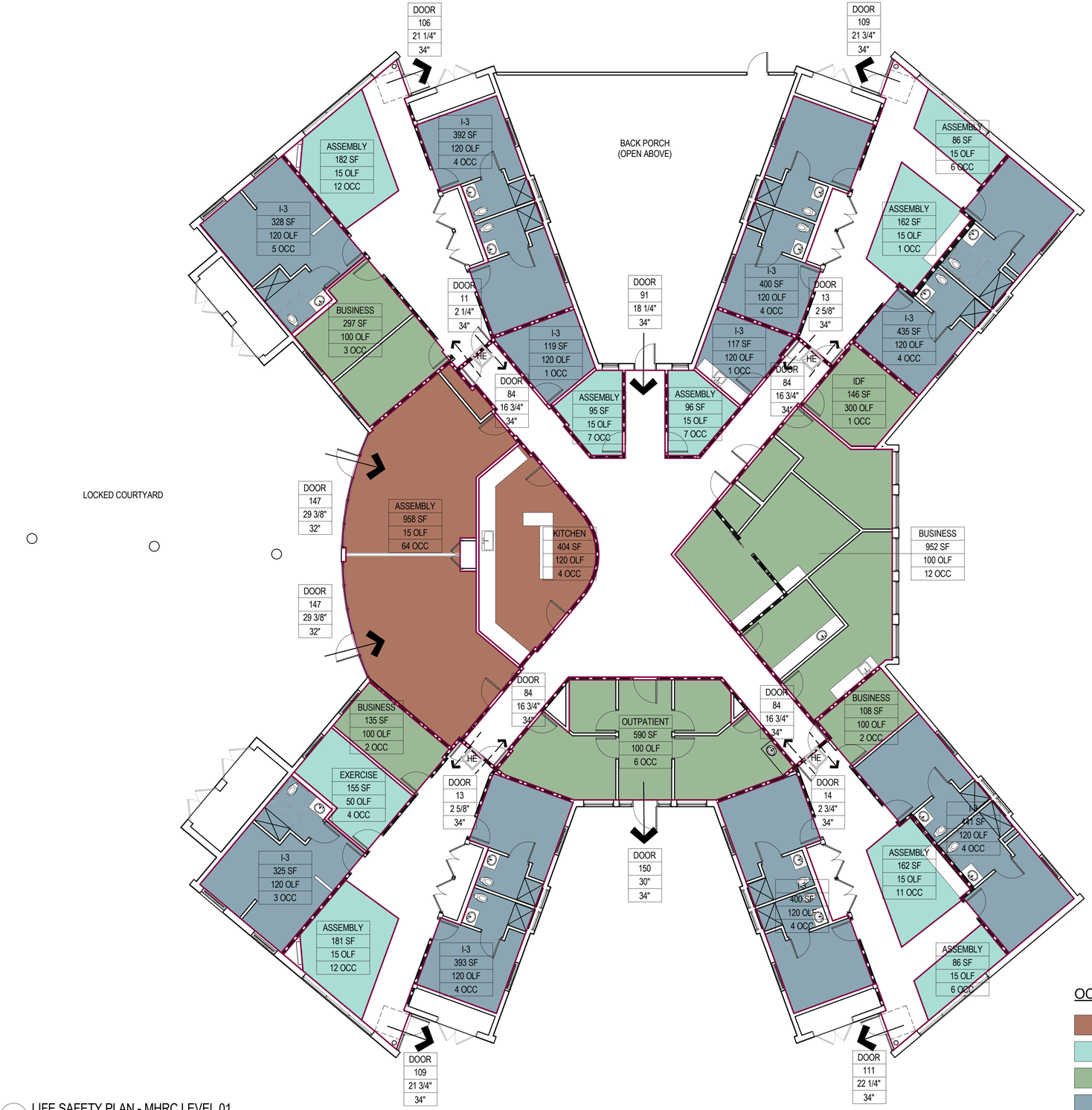

1 LIFE SAFETY PLAN - MHRC LEVEL 01
1/8" = 1'-0"

OCCUPANCY TYPE

- A-2
- A-3
- B
- I-3

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

(SYMBOLS ONLY- SEE LIFE SAFETY PLANS FOR ACTUAL INFORMATION)

I-2	BUILDING CODE OCCUPANCY TYPE
B OCC OCC / TYPE IA	LIFE SAFETY CODE OCCUPANCY TYPE / LIFE SAFETY CODE CONSTRUCTION TYPE

- FUNCTION OF SPACE.
- TOTAL SQUARE FEET.
- OCCUPANT LOAD FACTOR.
- OCCUPANT LOAD.
- EXIT/EXIT-ACCESS COMPONENT (E.G., STAIR, DOOR).
- NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.
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- AVAILABLE CLEAR WIDTH (INCHES).
- ## — NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.
- COMMON PATH OF TRAVEL OR EXIT ACCESS TRAVEL DISTANCE (#FT).
- TRAVEL DISTANCE TO NEAREST EXIT (FEET).
- SMOKE BARRIER/COMPARTMENT

REQUIRED ASSEMBLY RATING

1	ONE HOUR RATED	
2	TWO HOUR RATED	

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	S	SMOKE BARRIER/COMPARTMENT
X	SMOKE PARTITIONS	W	FIRE WALL

F — FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")
HE — HORIZONTAL EXIT

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LIFE SAFETY PLAN - MHRC

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1 LIFE SAFETY PLAN - CAMPUS CENTER LEVEL 1
3/32" = 1'-0"

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

(SYMBOLS ONLY- SEE LIFE SAFETY PLANS FOR ACTUAL INFORMATION)

I-2	BUILDING CODE OCCUPANCY TYPE
B OCC OCC	LIFE SAFETY CODE OCCUPANCY TYPE
TYPE IA	LIFE SAFETY CODE CONSTRUCTION TYPE

- FUNCTION OF SPACE.
- TOTAL SQUARE FEET.
- OCCUPANT LOAD FACTOR.
- OCCUPANT LOAD.
- EXIT/EXIT-ACCESS COMPONENT (E.G., STAIR, DOOR).
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- AVAILABLE CLEAR WIDTH (INCHES).
- ## — NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.
- COMMON PATH OF TRAVEL OR EXIT ACCESS TRAVEL DISTANCE (#FT).
- TRAVEL DISTANCE TO NEAREST EXIT (FEET).
- SMOKE BARRIER/COMPARTMENT

REQUIRED ASSEMBLY RATING

1	ONE HOUR RATED	
2	TWO HOUR RATED	

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	S	SMOKE BARRIER/COMPARTMENT
X	SMOKE PARTITIONS	W	FIRE WALL

F	FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")	HE	HORIZONTAL EXIT

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LIFE SAFETY PLAN - CAMPUS CENTER LEVEL 1

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1 LIFE SAFETY PLAN - ARF LEVEL 2
3/32" = 1'-0"

OCCUPANCY TYPE

- (none)
- A-2
- A-3
- B
- R-2
- S-2

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

(SYMBOLS ONLY- SEE LIFE SAFETY PLANS FOR ACTUAL INFORMATION)

I-2	BUILDING CODE OCCUPANCY TYPE
B OCC OCC / TYPE IA	LIFE SAFETY CODE OCCUPANCY TYPE / LIFE SAFETY CODE CONSTRUCTION TYPE

- FUNCTION OF SPACE.
- TOTAL SQUARE FEET.
- OCCUPANT LOAD FACTOR.
- OCCUPANT LOAD.
- EXIT/EXIT-ACCESS COMPONENT (E.G., STAIR, DOOR).
- NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.
- MINIMUM REQUIRED CLEAR WIDTH (INCHES).
- AVAILABLE CLEAR WIDTH (INCHES).
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- COMMON PATH OF TRAVEL OR EXIT ACCESS TRAVEL DISTANCE (#FT).
- TRAVEL DISTANCE TO NEAREST EXIT (FEET).
- SMOKE BARRIER/COMPARTMENT

REQUIRED ASSEMBLY RATING

1	ONE HOUR RATED
2	TWO HOUR RATED

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	S	SMOKE BARRIER/COMPARTMENT
X	SMOKE PARTITIONS	W	FIRE WALL

F	FIRE EXTINGUISHER (MAXIMUM TRAVEL 75'-0")	HE	HORIZONTAL EXIT

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LIFE SAFETY PLAN - ARF LEVEL 2

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1 LIFE SAFETY PLAN - ARF LEVEL 3 & 4
3/32" = 1'-0"

OCCUPANCY TYPE

- (none)
- A-2
- B
- R-2
- S-2

LIFE SAFETY PLAN SYMBOL DESIGNATIONS

(SYMBOLS ONLY- SEE LIFE SAFETY PLANS FOR ACTUAL INFORMATION)

I-2	BUILDING CODE OCCUPANCY TYPE
B OCC OCC / TYPE IA	LIFE SAFETY CODE OCCUPANCY TYPE / LIFE SAFETY CODE CONSTRUCTION TYPE

- FUNCTION OF SPACE.
- TOTAL SQUARE FEET.
- OCCUPANT LOAD FACTOR.
- OCCUPANT LOAD.
- EXIT/EXIT-ACCESS COMPONENT (E.G., STAIR, DOOR).
- NUMBER OF OCCUPANTS USING EXIT/EXIT-ACCESS COMPONENT.
- MINIMUM REQUIRED CLEAR WIDTH (INCHES).
- AVAILABLE CLEAR WIDTH (INCHES).
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- COMMON PATH OF TRAVEL OR EXIT ACCESS TRAVEL DISTANCE (#FT).
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- SMOKE BARRIER/COMPARTMENT

REQUIRED ASSEMBLY RATING

1	ONE HOUR RATED
2	TWO HOUR RATED

TYPE OF ASSEMBLY

B	FIRE BARRIER	P	FIRE PARTITION
E	EXISTING AND RATED	S	SMOKE BARRIER/COMPARTMENT
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LIFE SAFETY PLAN - ARF LEVEL 3 & 4

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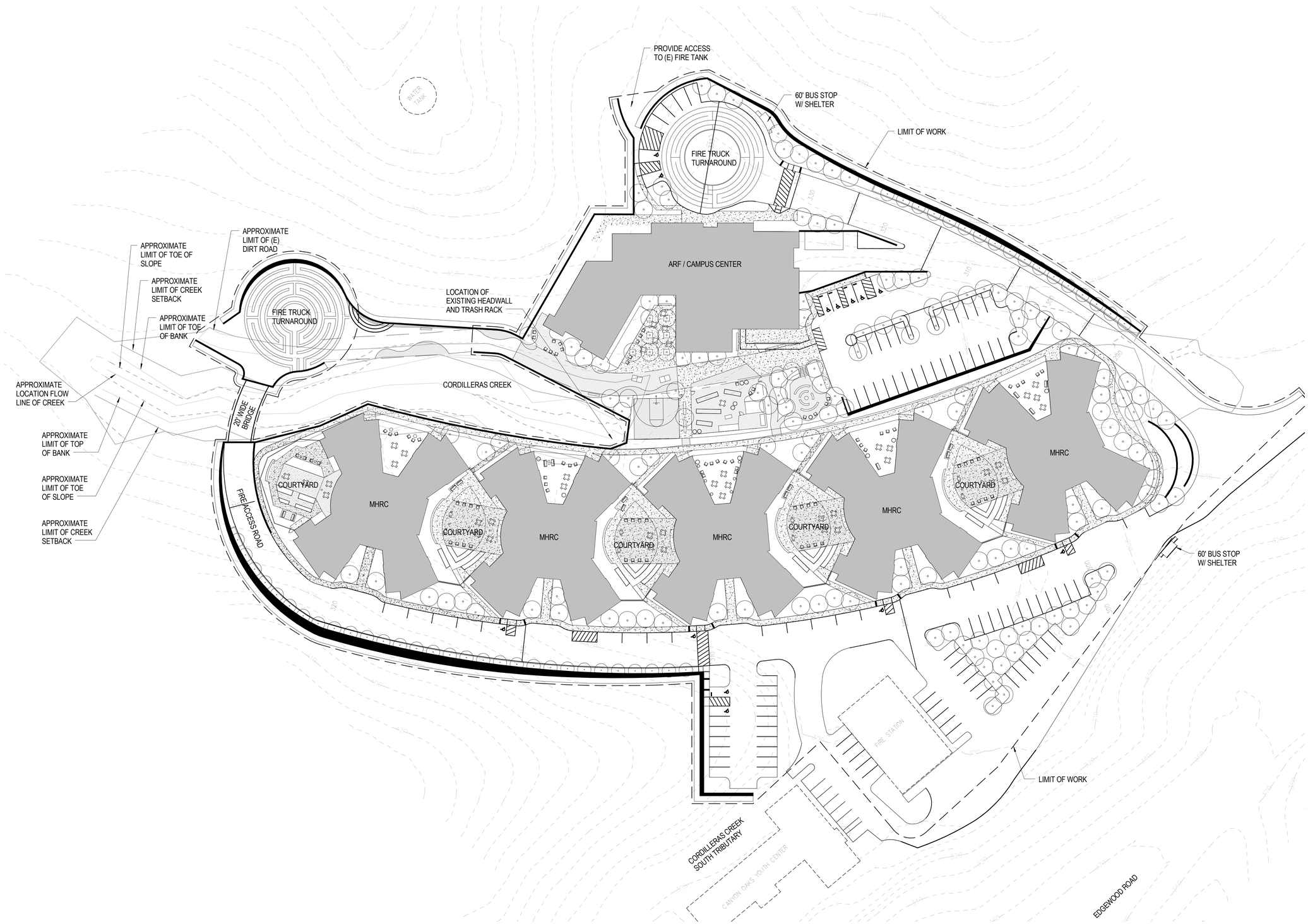

1 ARCHITECTURAL SITE PLAN
1" = 40'-0"

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ARCHITECTURAL SITE PLAN

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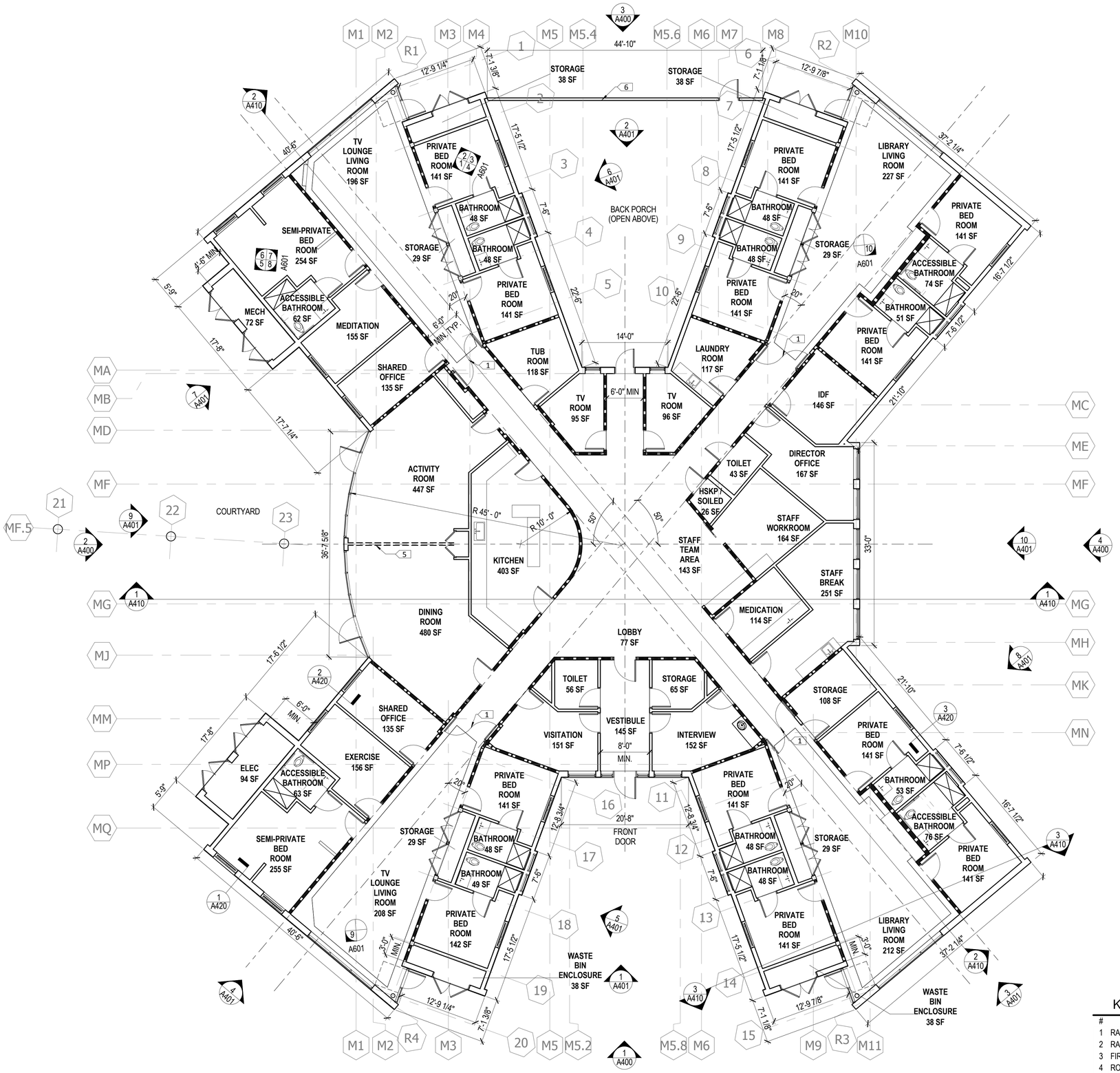

1 FLOOR PLAN - MHRC LEVEL 1
1/8" = 1'-0"

KEYNOTES - FLOOR PLAN

#	DESCRIPTION
1	RATED DOOR ASSEMBLY (90 MIN)
2	RATED DOOR ASSEMBLY WITH FIREGLASS WINDOW
3	FIREGLASS WINDOW
4	ROLL UP DOORS
5	MOVEABLE PARTITION WALL
6	METAL AND GLASS RAIL
7	PLANTER

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FLOOR PLAN - MHRC

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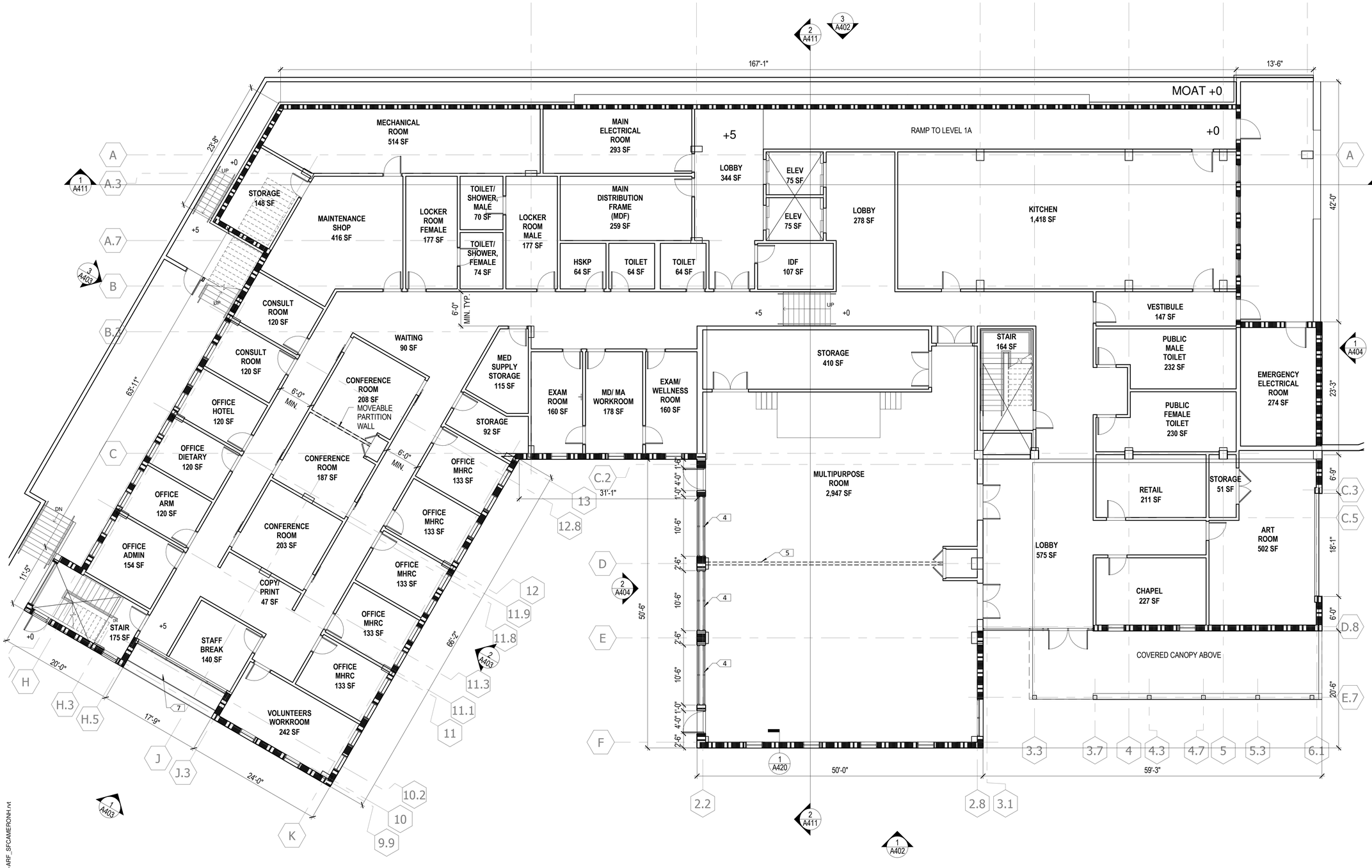

1 FLOOR PLAN - CAMPUS CENTER LEVEL 1
1/8" = 1'-0"

KEYNOTES - FLOOR PLAN

#	DESCRIPTION
1	RATED DOOR ASSEMBLY (90 MIN)
2	RATED DOOR ASSEMBLY WITH FIREGLASS WINDOW
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FLOOR PLAN - CAMPUS CENTER LEVEL 1

DATE: September 30, 2015

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1 FLOOR PLAN - ARF LEVEL 2
1/8" = 1'-0"

KEYNOTES - FLOOR PLAN

#	DESCRIPTION
1	RATED DOOR ASSEMBLY (90 MIN)
2	RATED DOOR ASSEMBLY WITH FIREGLASS WINDOW
3	FIREGLASS WINDOW
4	ROLL UP DOORS
5	MOVEABLE PARTITION WALL
6	METAL AND GLASS RAIL
7	PLANTER

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FLOOR PLAN - ARF LEVEL 2

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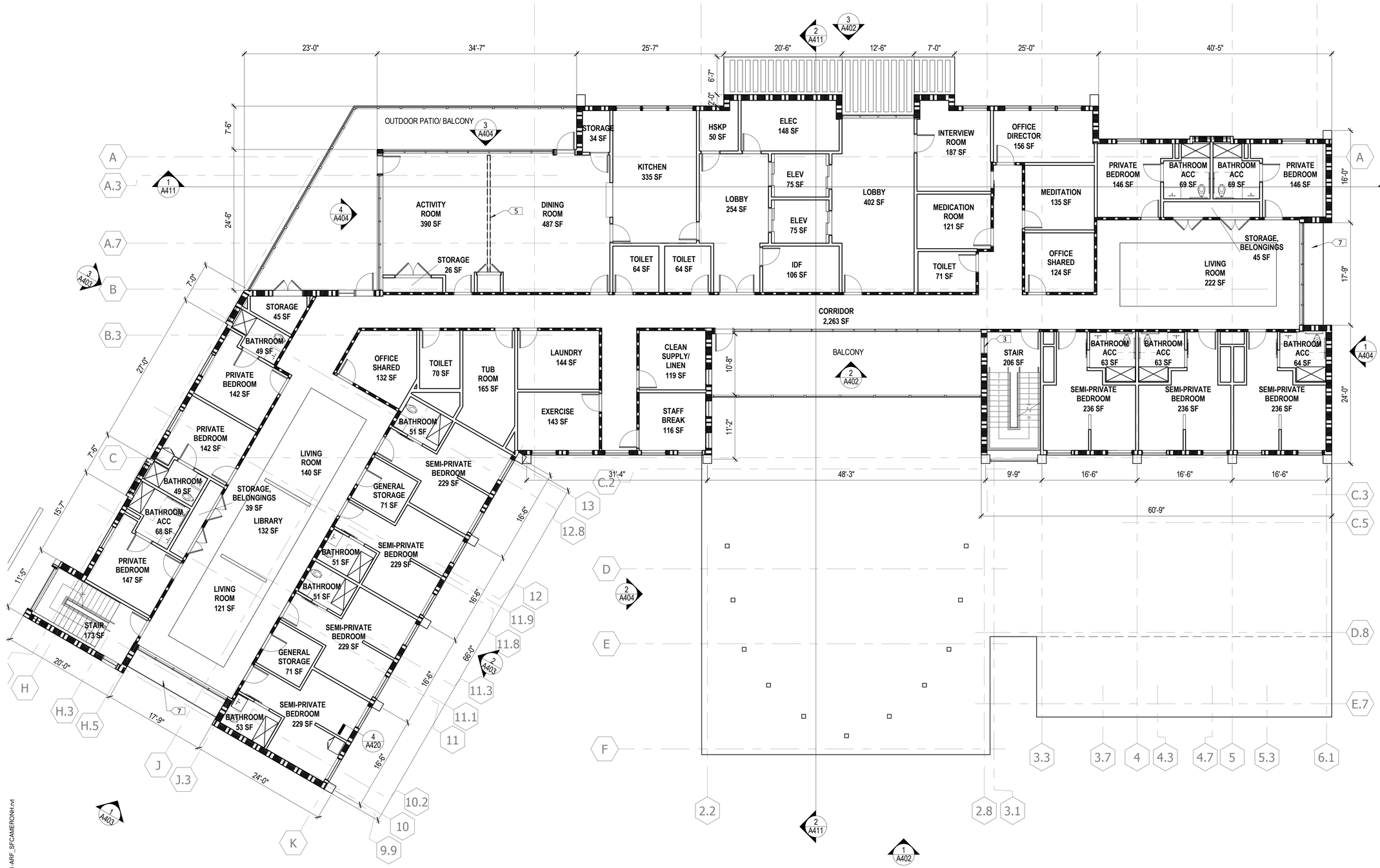

1 FLOOR PLAN - ARF LEVEL 3 & 4
1/8" = 1'-0"

KEYNOTES - FLOOR PLAN

#	DESCRIPTION
1	RATED DOOR ASSEMBLY (90 MIN)
2	RATED DOOR ASSEMBLY WITH FIREGLASS WINDOW
3	FIREGLASS WINDOW
4	ROLL UP DOORS
5	MOVEABLE PARTITION WALL
6	METAL AND GLASS RAIL
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FLOOR PLAN - ARF LEVEL 3 & 4

DATE: September 30, 2015

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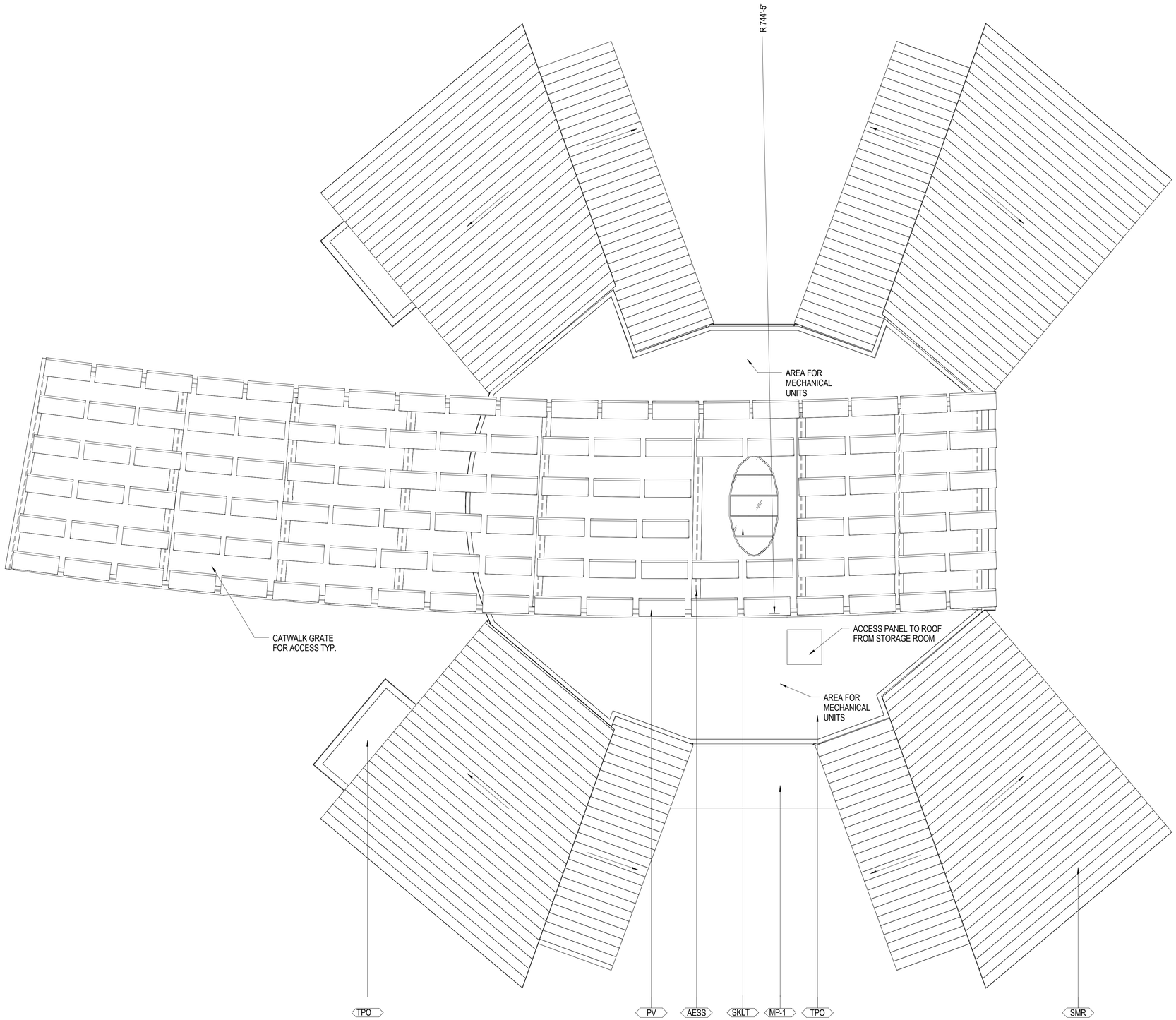

1 ROOF PLAN - MHRC
1/8" = 1'-0"

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EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
CONC	CONCRETE FINISH
CW	CURTAIN WALL
DR	ALUMINUM AND GLASS DOOR
EIFS	STUCCO WALL
LVR	PAINTED ALUMINUM LOUVER
MET RAIL	METAL AND GLASS RAILING
MP-1	PAINTED ALUMINUM METAL PANEL - COLOR TO MATCH WINDOW MULLIONS
MP-2	PAINTED ALUMINUM METAL TRIM - COLOR TO MATCH ZINC ROOFING
PV	PHOTOVOLTAIC PANEL
SCD	SUN CONTROL DEVICE
SD	SECTIONAL DOOR (ALUMINUM &GLASS)
SDG	SIDING (FIBER CEMENT WALL PANEL)
SKLT	SKYLIGHT
SMR	ZINC STANDING METAL SEAM ROOF
TPO	THERMOPLASTIC ROOFING

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ROOF PLAN - MHRC

DATE: September 30, 2015

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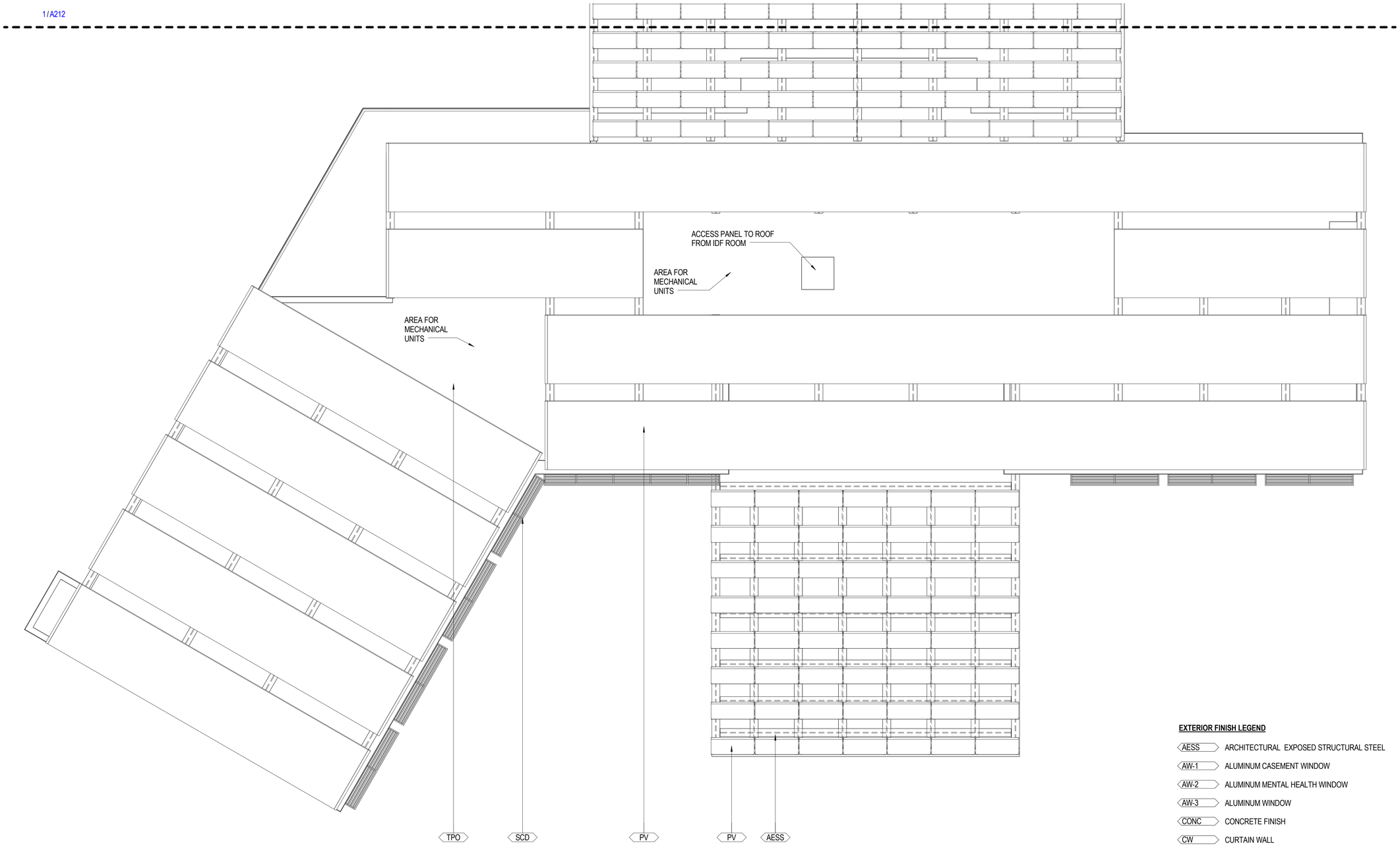

1 CAMPUS CENTER & ARF ROOF PLAN
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
CONC	CONCRETE FINISH
CW	CURTAIN WALL
DR	ALUMINUM AND GLASS DOOR
EIFS	STUCCO WALL
LVR	PAINTED ALUMINUM LOUVER
MET RAIL	METAL AND GLASS RAILING
MP-1	PAINTED ALUMINUM METAL PANEL - COLOR TO MATCH WINDOW MULLIONS
MP-2	PAINTED ALUMINUM METAL TRIM - COLOR TO MATCH ZINC ROOFING
PV	PHOTOVOLTAIC PANEL
SCD	SUN CONTROL DEVICE
SD	SECTIONAL DOOR (ALUMINUM &GLASS)
SDG	SIDING (FIBER CEMENT WALL PANEL)
SKLT	SKYLIGHT
SMR	ZINC STANDING METAL SEAM ROOF
TPO	THERMOPLASTIC ROOFING

170 Maiden Lane,5th Floor
San Francisco, California 94108
Telephone 415.814.6910

STRUCTURAL ENGINEER
HGA
1410 ROCKY RIDGE DRIVE
SUITE 250
ROSEVILLE CA 95661
916.787.5100

LANDSCAPE ARCHITECT
RHAA
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MILL VALLEY CA 94941
415.383.7900

CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

ROOF PLAN - CAMPUS CENTER & ARF

DATE: September 30, 2015

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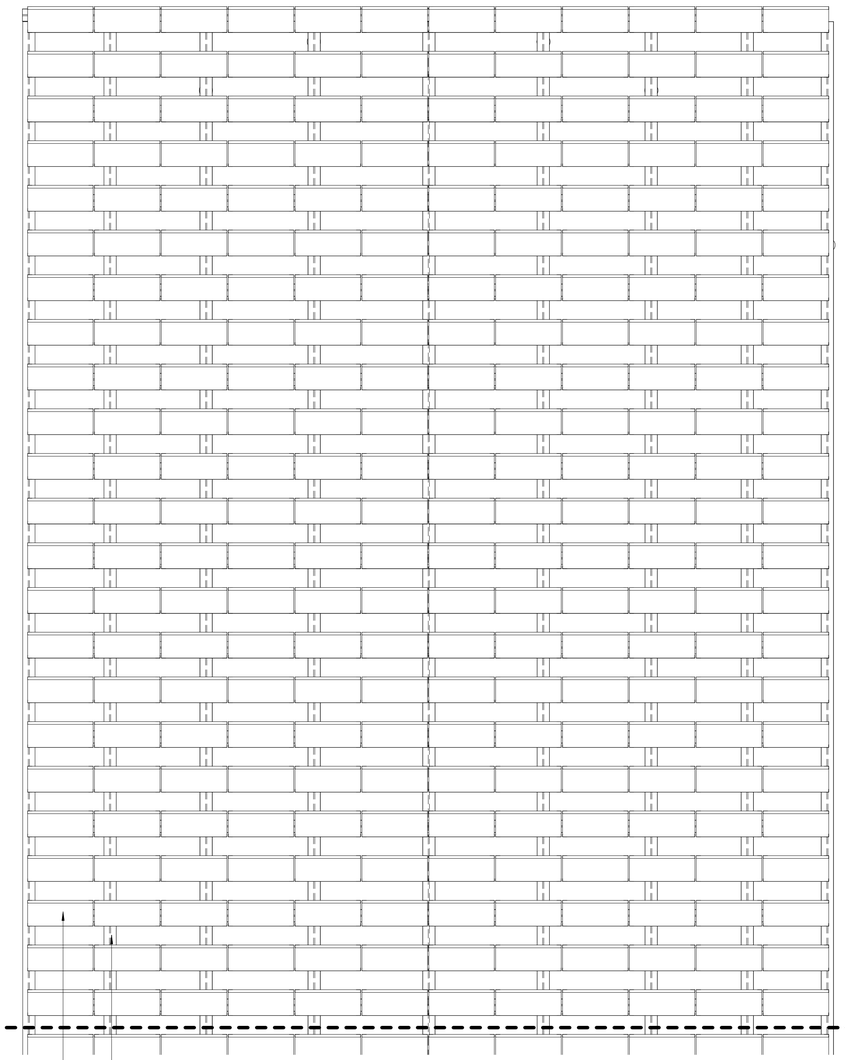

1/A211

1 CAMPUS CENTER & ARF ROOF PLAN
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
CONC	CONCRETE FINISH
CW	CURTAIN WALL
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

ROOF PLAN - CAMPUS CENTER & ARF

DATE: September 30, 2015

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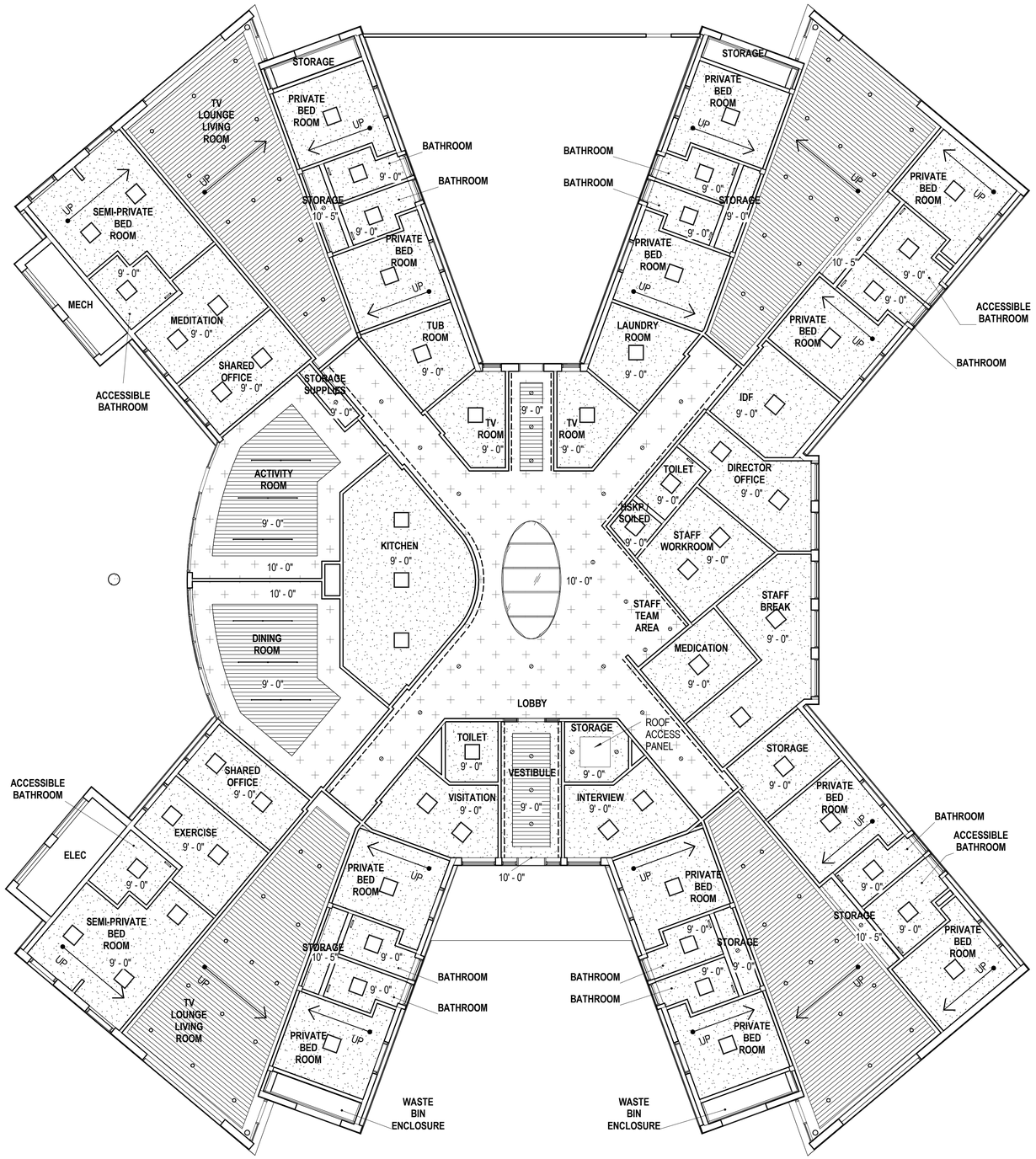

1 REFLECTED CEILING PLAN - MHRC LEVEL 01
1/8" = 1'-0"

CEILING TYPES

- GYP CEILING
- ACOUSTICAL WOOD CEILING
- STRETCH CEILING SYSTEM

LIGHTING FIXTURE LEGEND

- 6" RECESSED CAN LED DOWNLIGHTS
- 2' X 2' RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
- 12" X 2" RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
- 47" X 1" LINEAR RECESSED LED DOWNLIGHTS
- COVE LIGHT

NOTE: CEILING SLOPES UP, SEE BUILDING SECTION AND INTERIOR ELEVATION

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COUNTY OF SAN MATEO FOUNDED 1856

CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

REFLECTED CEILING PLAN - MHRC

DATE: September 30, 2015

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1 REFLECTED CEILING PLAN - CAMPUS CENTER LEVEL 1

1/8" = 1'-0"

CEILING TYPES

- GYP CEILING
- ACOUSTICAL WOOD CEILING
- STRETCH CEILING SYSTEM

LIGHTING FIXTURE LEGEND

- 6" RECESSED CAN LED DOWNLIGHTS
- 2' X 2' RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
- 12" X 2" RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
- 48" X 2" LINEAR SUSPENDED LED DOWNLIGHTS
- COVE LIGHT

NOTE: CEILING SLOPES UP, SEE BUILDING SECTION

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REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

REFLECTED CEILING PLAN - CAMPUS CENTER LEVEL 1

DATE: September 30, 2015

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1 REFLECTED CEILING PLAN - ARF LEVEL 2
1/8" = 1'-0"

CEILING TYPES

- GYP CEILING
- ACOUSTICAL WOOD CEILING
- STRETCH CEILING SYSTEM

LIGHTING FIXTURE LEGEND

- 6" RECESSED CAN LED DOWNLIGHTS
- 2' X 2' RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
- 12" X 2" RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
- 48" X 2" LINEAR SUSPENDED LED DOWNLIGHTS
- COVE LIGHT

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NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

REFLECTED CEILING PLAN - ARF LEVEL 2

DATE: September 30, 2015

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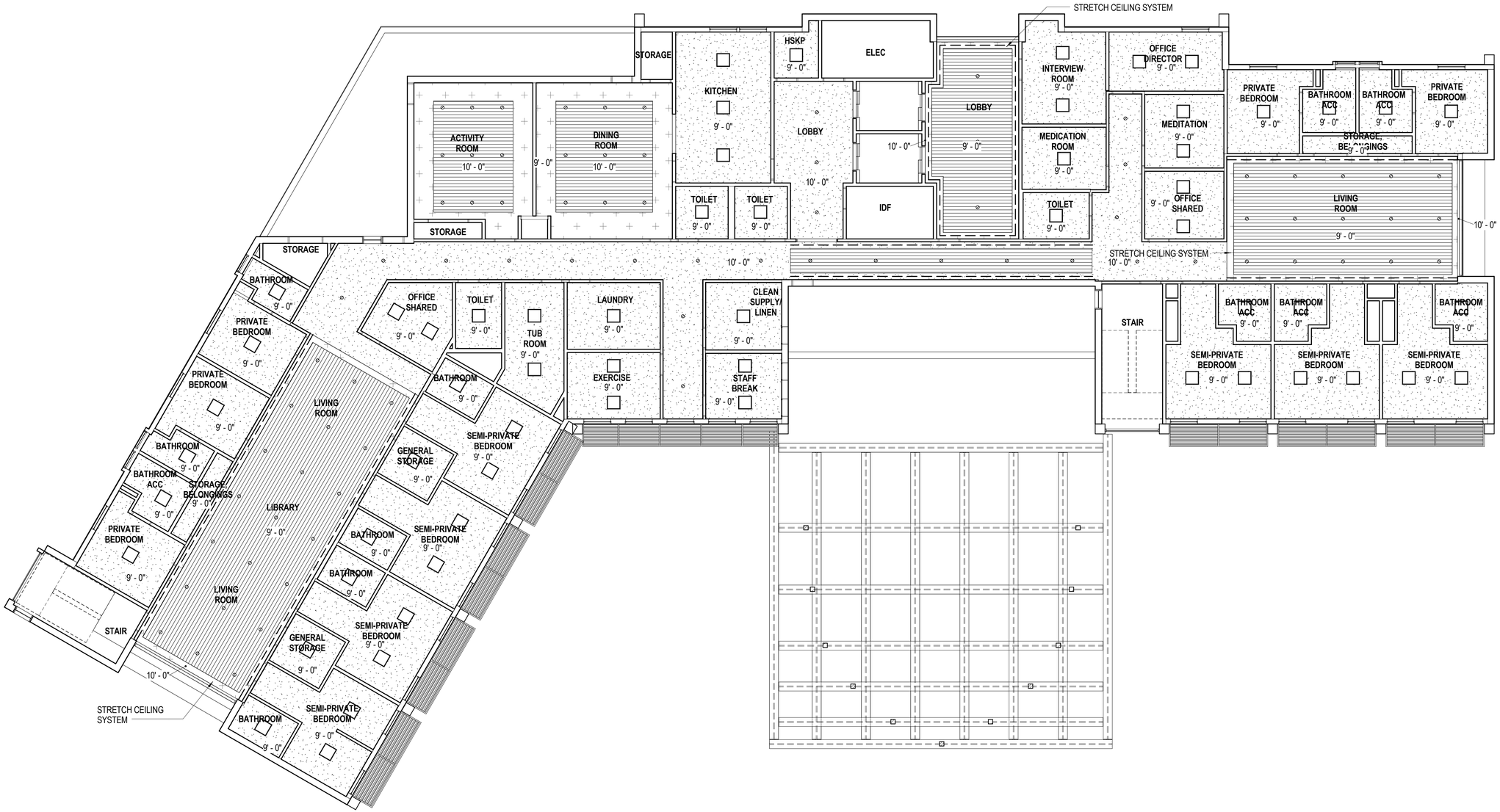

1 REFLECTED CEILING PLAN - ARF LEVEL 3 & 4
1/8" = 1'-0"

CEILING TYPES

- GYP CEILING
- ACOUSTICAL WOOD CEILING
- STRETCH CEILING SYSTEM

LIGHTING FIXTURE LEGEND

- 6" RECESSED CAN LED DOWNLIGHTS
- 2' X 2' RECESSED LED DOWNLIGHTS, SHALL HAVE TAMPER RESISTANT SCREWS, POLYCARBONATE LENS
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- 48" X 2" LINEAR SUSPENDED LED DOWNLIGHTS
- COVE LIGHT

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NO	DESCRIPTION	DATE

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REFLECTED CEILING PLAN - ARF LEVELS 3 & 4

DATE: September 30, 2015

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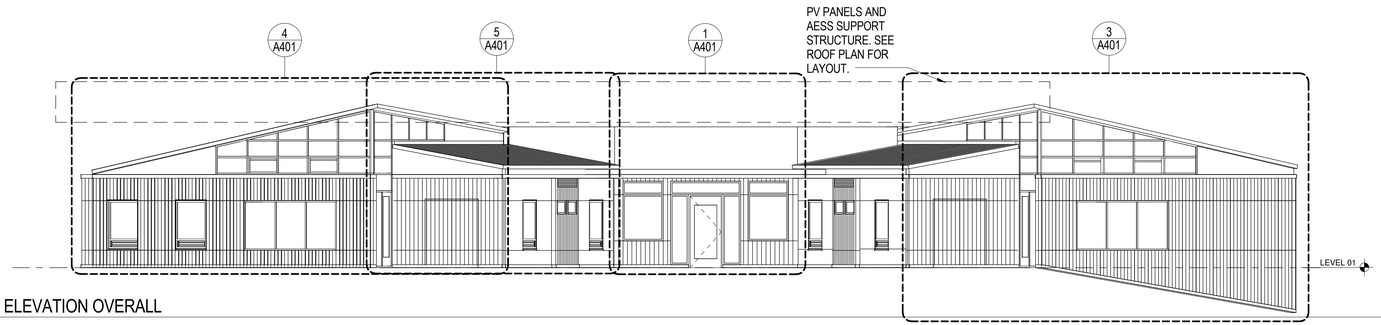
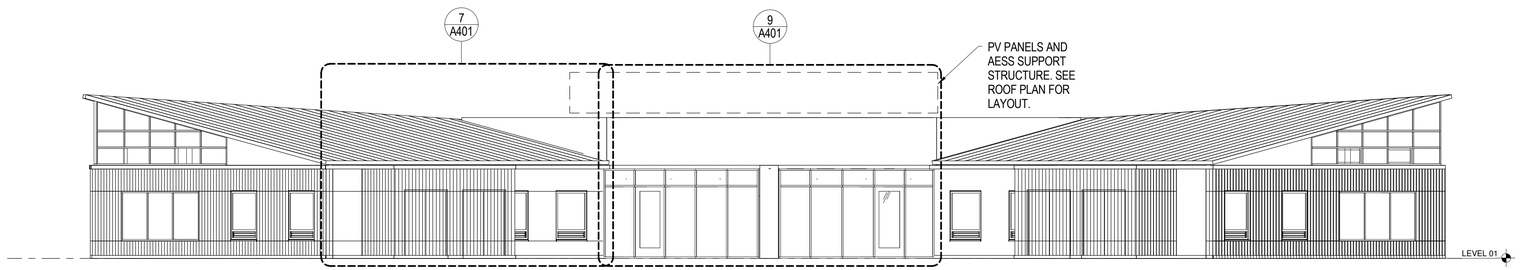
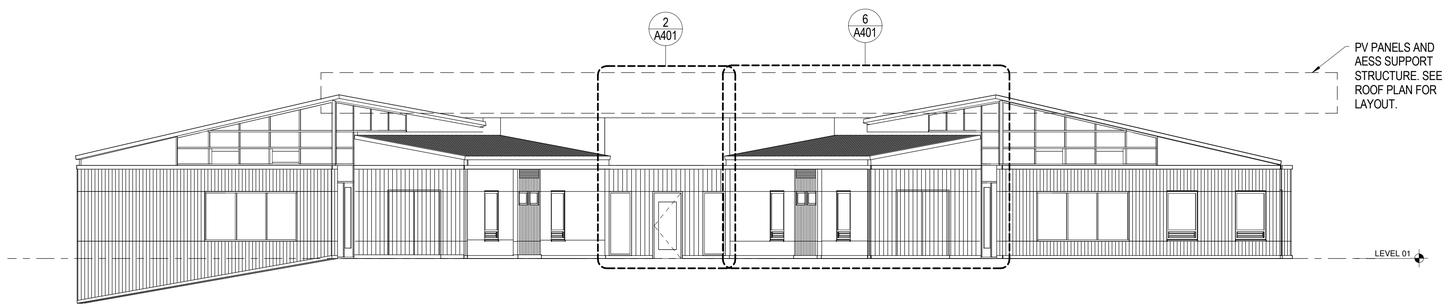


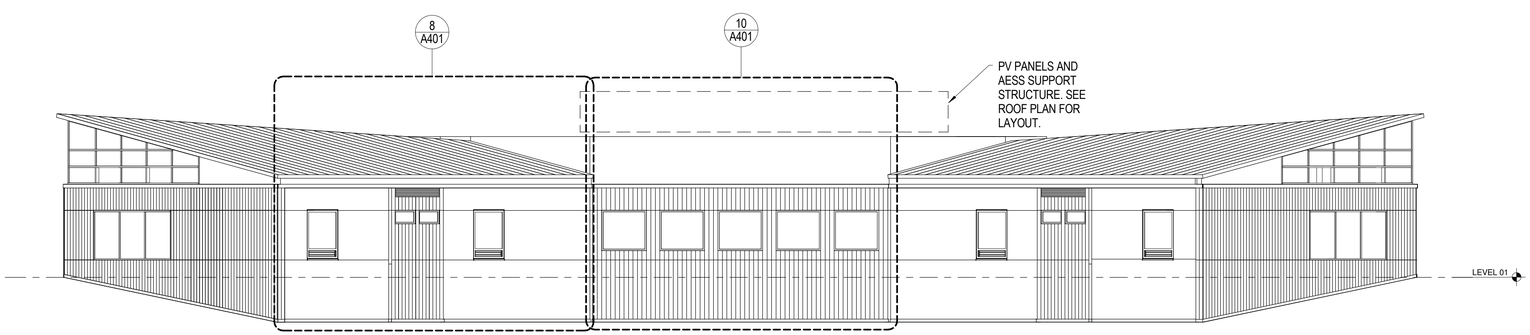
1 SOUTH ELEVATION OVERALL
1/8" = 1'-0"



2 WEST ELEVATION OVERALL
1/8" = 1'-0"



3 NORTH ELEVATION OVERALL
1/8" = 1'-0"



4 EAST ELEVATION OVERALL
1/8" = 1'-0"

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CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

EXTERIOR ELEVATIONS - MHRC OVERALL

DATE: September 30, 2015

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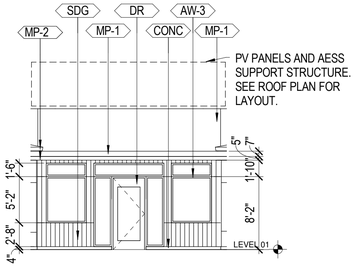
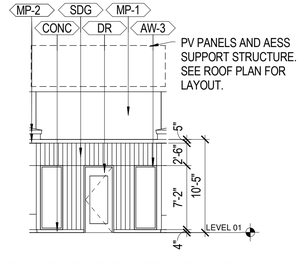
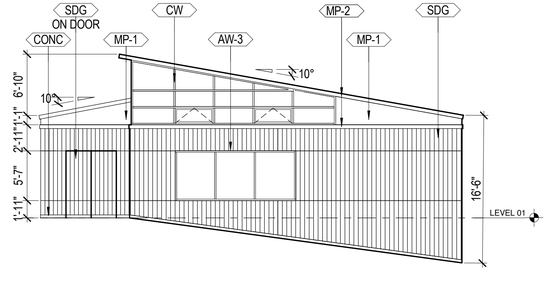


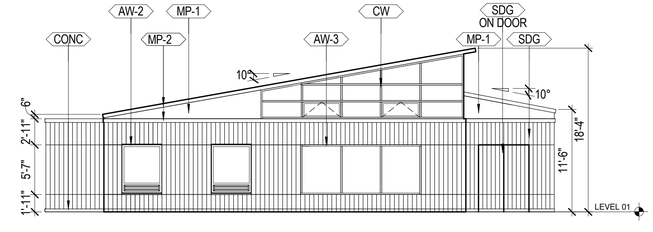
1 SOUTH ELEVATION (CENTER)
1/8" = 1'-0"



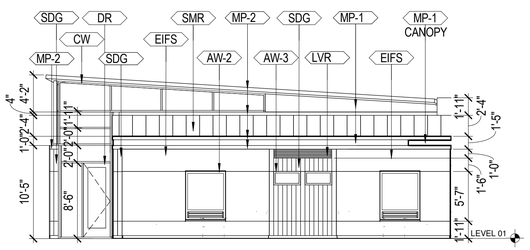
2 NORTH ELEVATION (CENTER)
1/8" = 1'-0"



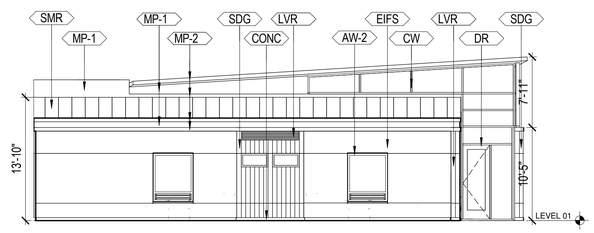
3 SOUTHEAST ELEVATION
1/8" = 1'-0"



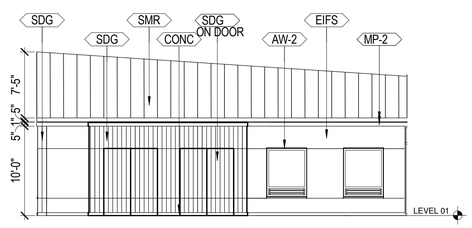
4 SOUTHWEST ELEVATION
1/8" = 1'-0"



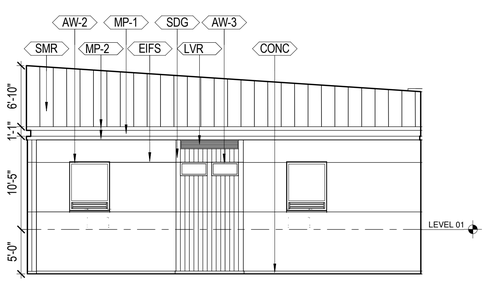
5 SOUTH ELEVATION (EAST WING)
1/8" = 1'-0"



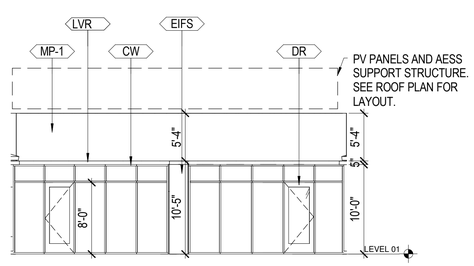
6 NORTH ELEVATION (EAST WING)
1/8" = 1'-0"



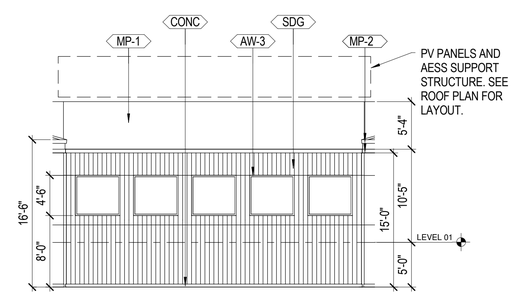
7 WEST ELEVATION (SOUTH WING)
1/8" = 1'-0"



8 EAST ELEVATION (NORTH WING)
1/8" = 1'-0"



9 WEST ELEVATION (CENTER)
1/8" = 1'-0"



10 EAST ELEVATION (CENTER)
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
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CW	CURTAIN WALL
DR	ALUMINUM AND GLASS DOOR
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CORDILLERAS
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REPLACEMENT PROJECT

SAN MATEO COUNTY
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

EXTERIOR ELEVATIONS - MHRC

DATE: September 30, 2015

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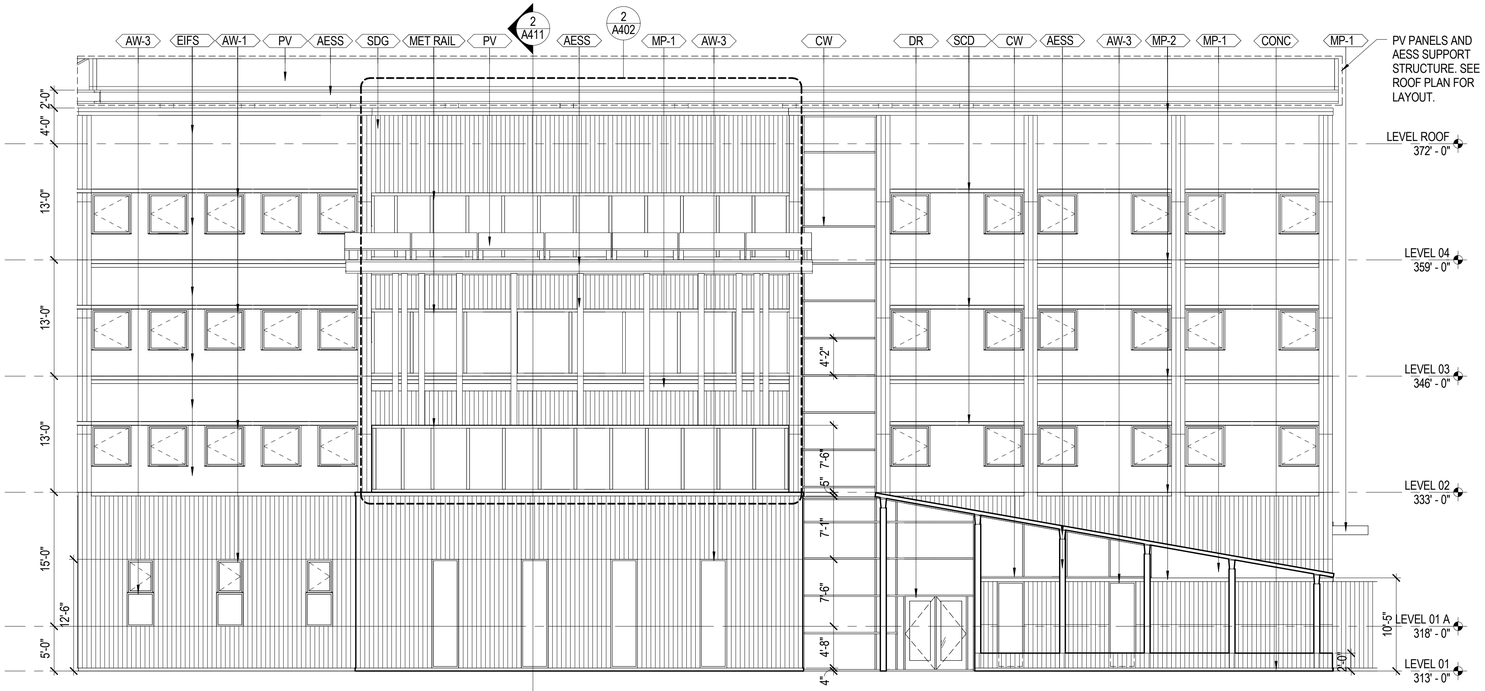
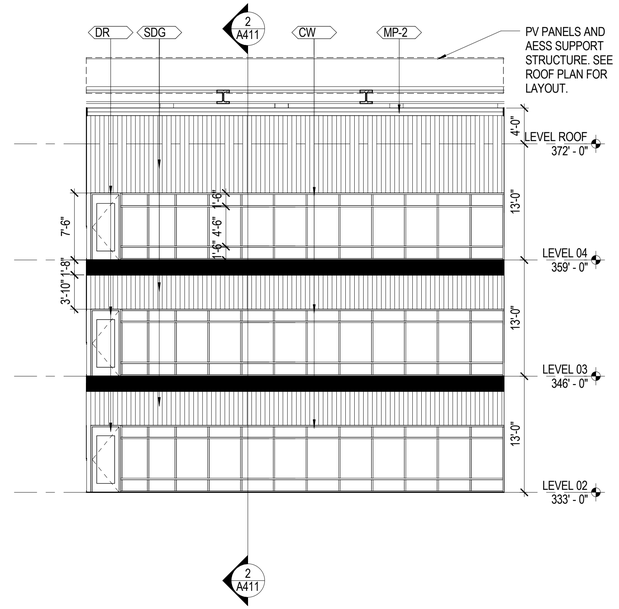
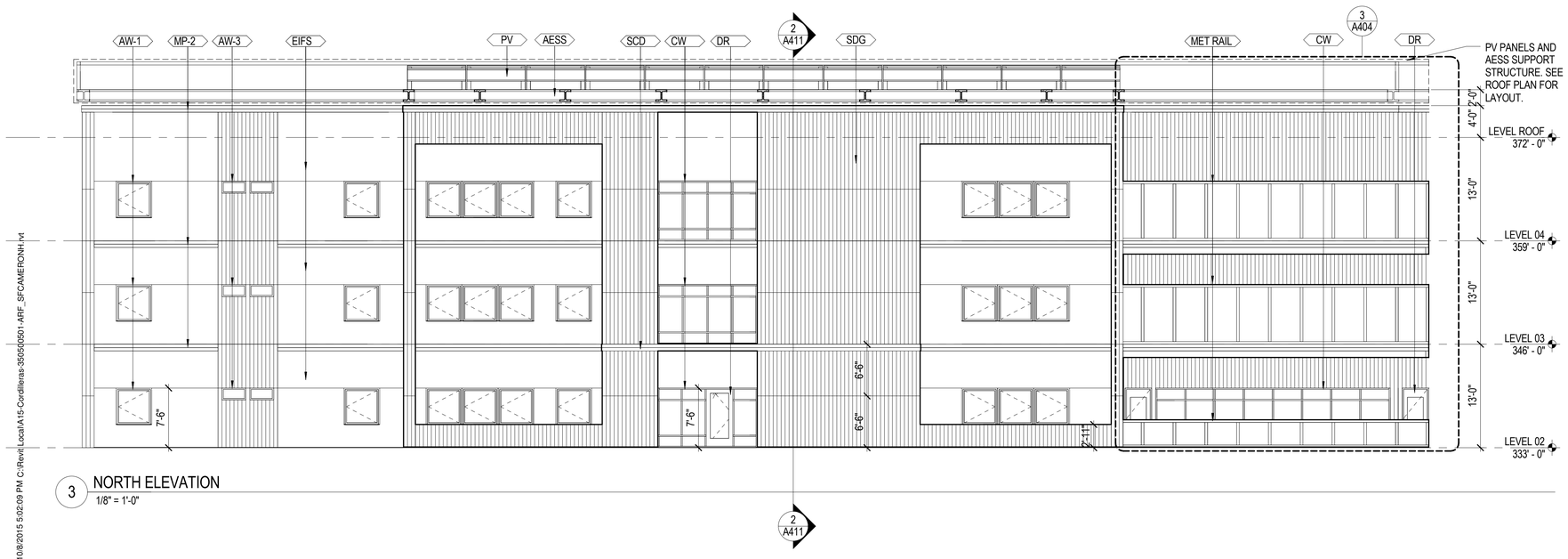


1 SOUTH ELEVATION
1/8" = 1'-0"



2 SOUTH EXTERIOR (BALCONY)
1/8" = 1'-0"



3 NORTH ELEVATION
1/8" = 1'-0"

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EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
CONC	CONCRETE FINISH
CW	CURTAIN WALL
DR	ALUMINUM AND GLASS DOOR
EIFS	STUCCO WALL
LVR	PAINTED ALUMINUM LOUVER
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MP-1	PAINTED ALUMINUM METAL PANEL - COLOR TO MATCH WINDOW MULLIONS
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SMR	ZINC STANDING METAL SEAM ROOF
TPO	THERMOPLASTIC ROOFING

170 Maiden Lane,5th Floor
San Francisco, California 94108
Telephone 415.814.6910

STRUCTURAL ENGINEER
HGA
1410 ROCKY RIDGE DRIVE
SUITE 250
ROSEVILLE CA 95661
916.787.5100

LANDSCAPE ARCHITECT
RHAA
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MILL VALLEY CA 94941
415.383.7900

CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

△NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

EXTERIOR ELEVATIONS - CAMPUS CENTER & ARF

DATE: September 30, 2015

SCHEMATIC DESIGN

A402

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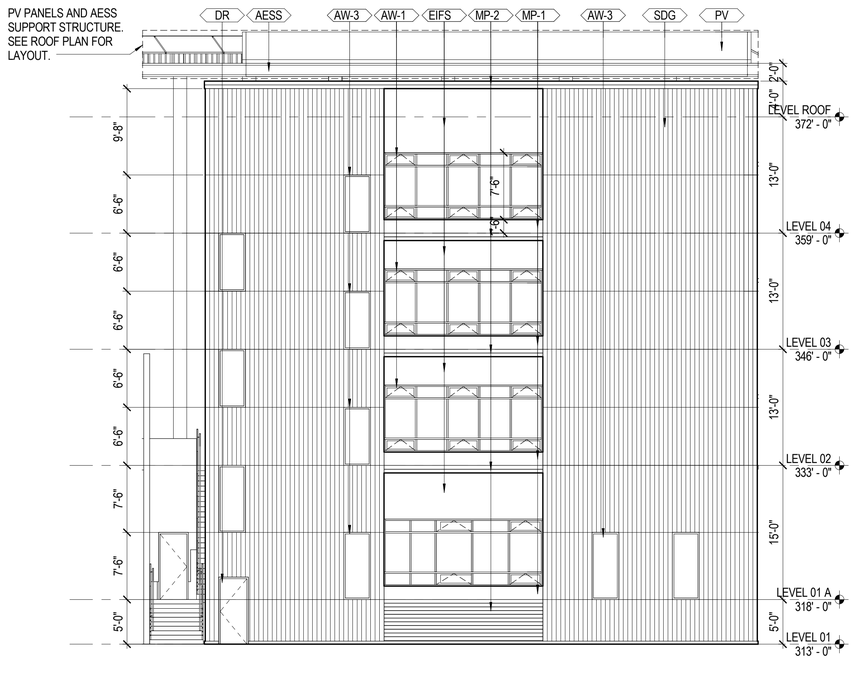
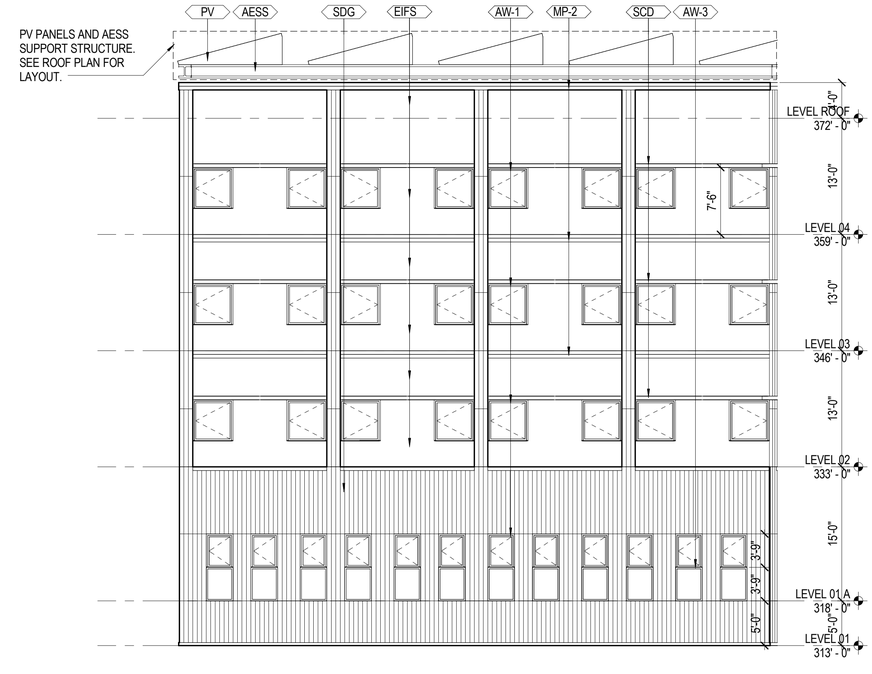
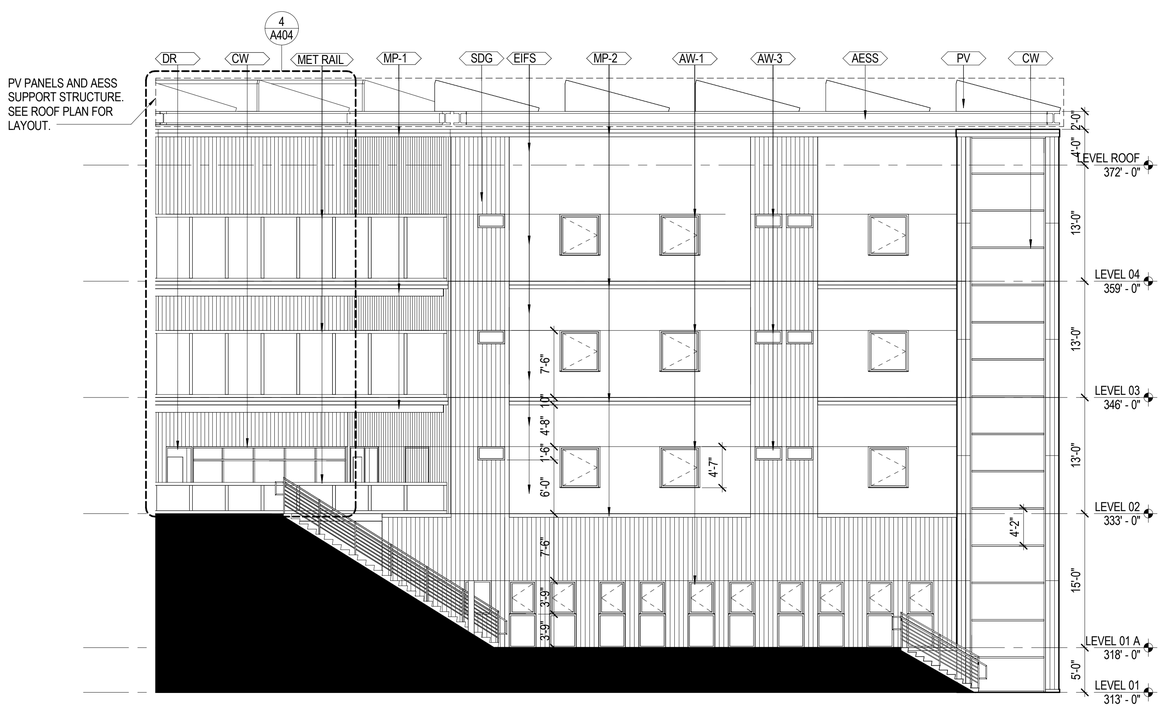


1 SOUTH ELEVATION (WEST WING)
1/8" = 1'-0"



2 SOUTH ELEVATION (EAST WING)
1/8" = 1'-0"



3 NORTH ELEVATION (WEST WING)
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
CONC	CONCRETE FINISH
CW	CURTAIN WALL
DR	ALUMINUM AND GLASS DOOR
EIFS	STUCCO WALL
LVR	PAINTED ALUMINUM LOUVER
MET RAIL	METAL AND GLASS RAILING
MP-1	PAINTED ALUMINUM METAL PANEL - COLOR TO MATCH WINDOW MULLIONS
MP-2	PAINTED ALUMINUM METAL TRIM - COLOR TO MATCH ZINC ROOFING
PV	PHOTOVOLTAIC PANEL
SCD	SUN CONTROL DEVICE
SD	SECTIONAL DOOR (ALUMINUM &GLASS)
SDG	SIDING (FIBER CEMENT WALL PANEL)
SKLT	SKYLIGHT
SMR	ZINC STANDING METAL SEAM ROOF
TPO	THERMOPLASTIC ROOFING

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ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

EXTERIOR ELEVATIONS - CAMPUS CENTER & ARF

DATE: September 30, 2015

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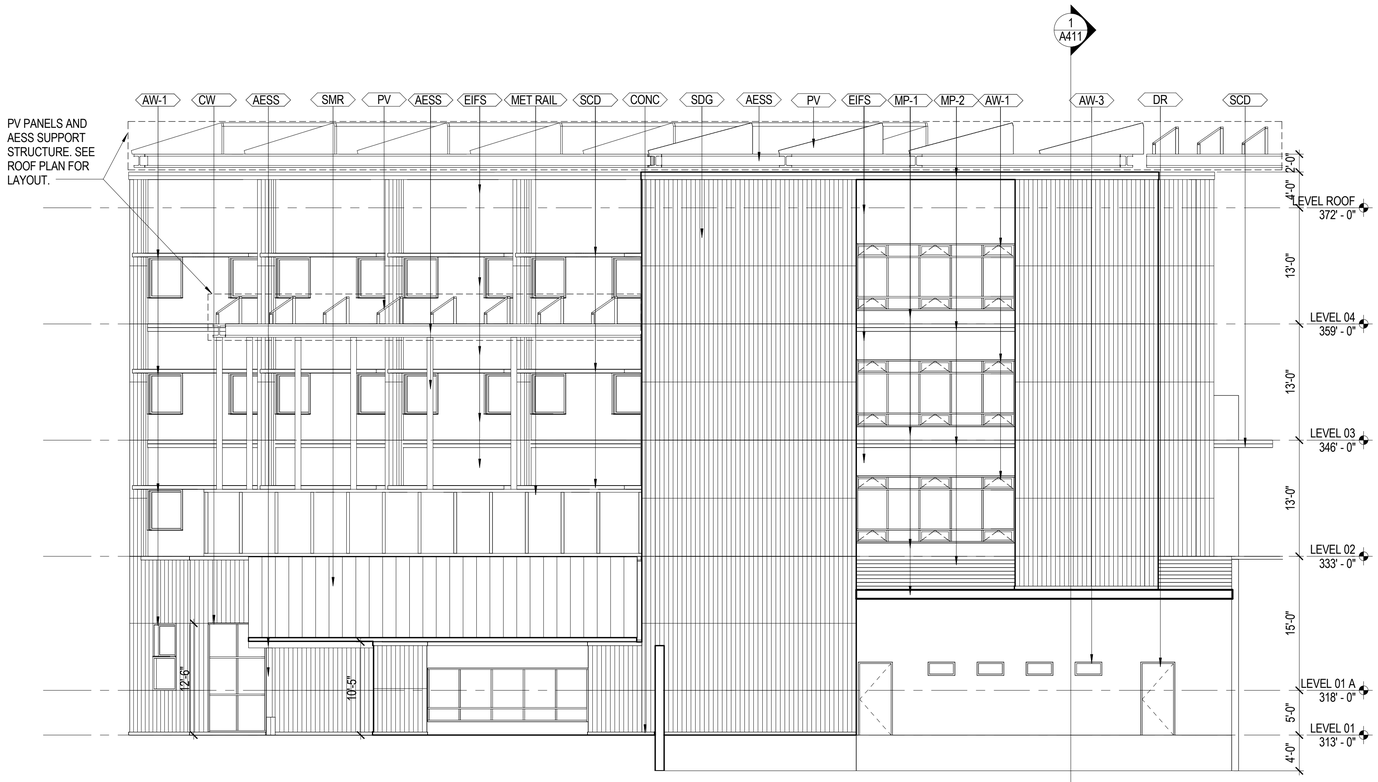
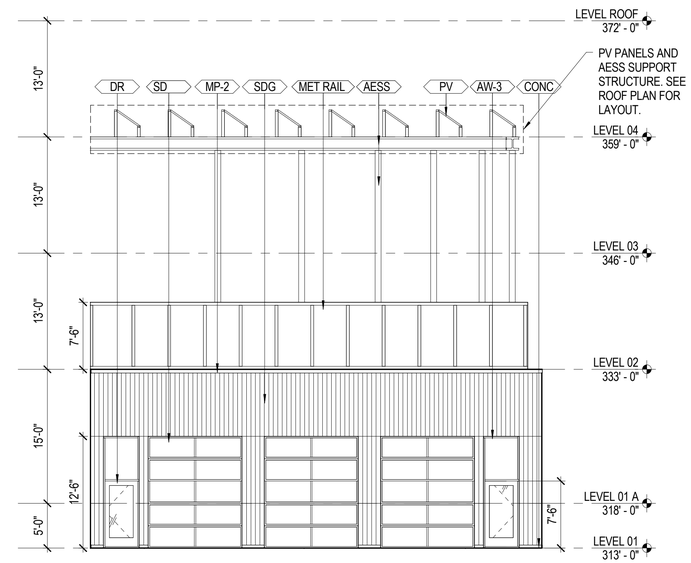
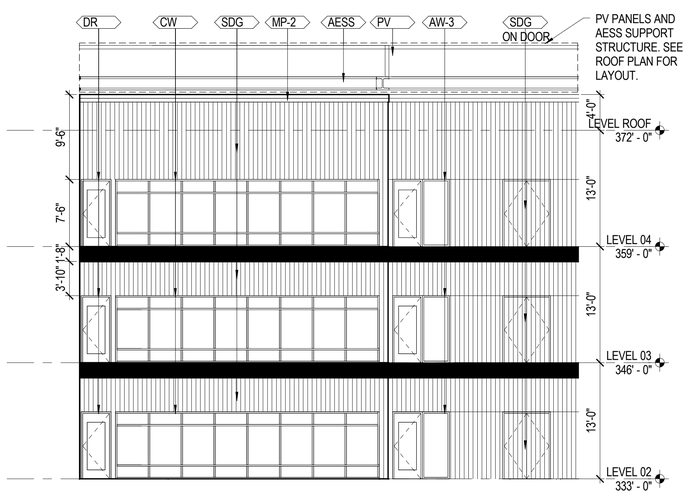


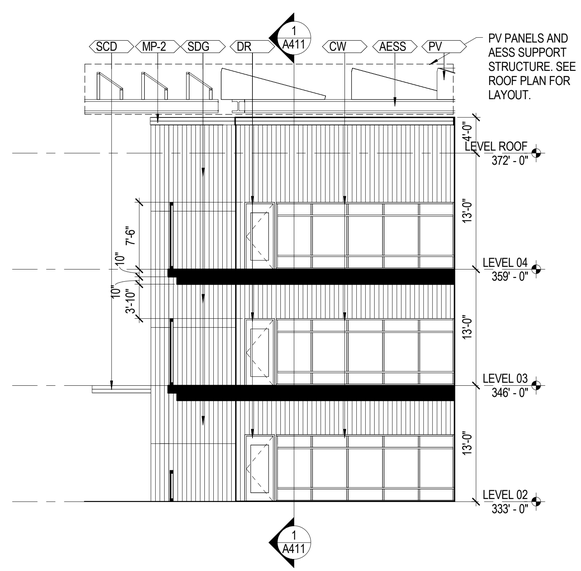
1 EAST ELEVATION
1/8" = 1'-0"



2 MULTIPURPOSE ROOM WEST WALL ELEVATION
1/8" = 1'-0"



3 NORTH ELEVATION (BALCONY)
1/8" = 1'-0"



4 NORTH ELEVATION (WEST WING BALCONY)
1/8" = 1'-0"

EXTERIOR FINISH LEGEND

AESS	ARCHITECTURAL EXPOSED STRUCTURAL STEEL
AW-1	ALUMINUM CASEMENT WINDOW
AW-2	ALUMINUM MENTAL HEALTH WINDOW
AW-3	ALUMINUM WINDOW
CONC	CONCRETE FINISH
CW	CURTAIN WALL
DR	ALUMINUM AND GLASS DOOR
EIFS	STUCCO WALL
LVR	PAINTED ALUMINUM LOUVER
MET RAIL	METAL AND GLASS RAILING
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MP-2	PAINTED ALUMINUM METAL TRIM - COLOR TO MATCH ZINC ROOFING
PV	PHOTOVOLTAIC PANEL
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CORDILLERAS
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REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

EXTERIOR ELEVATIONS - CAMPUS CENTER & ARF

DATE: September 30, 2015

SCHEMATIC DESIGN

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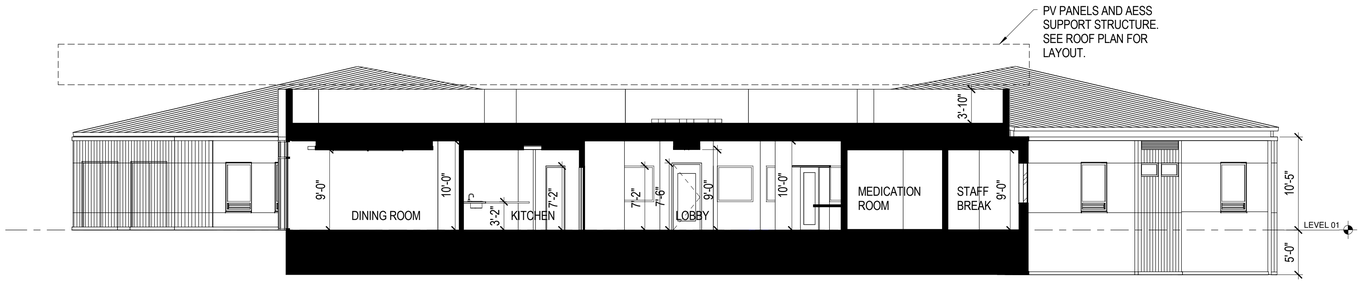
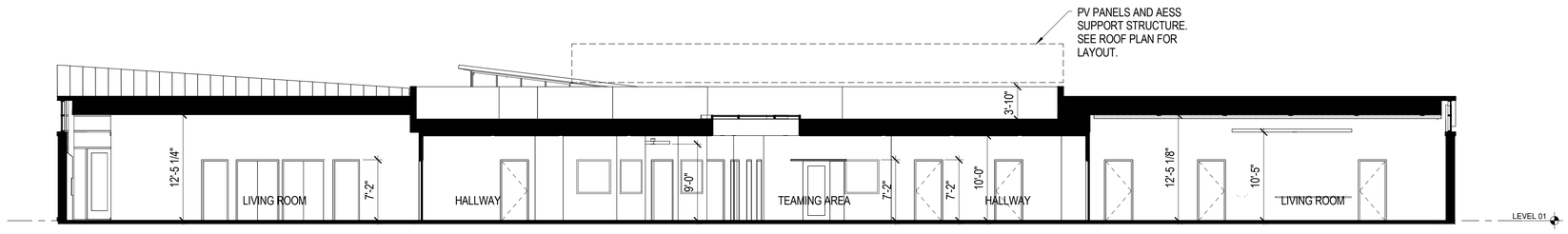
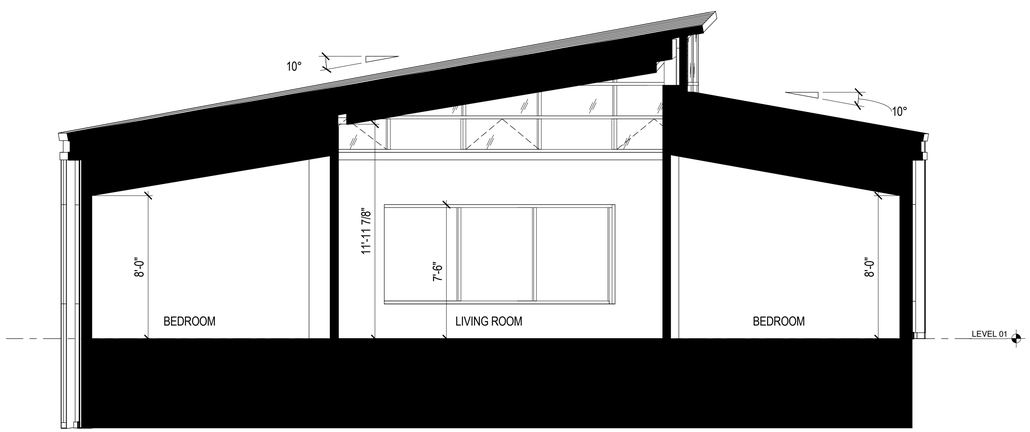


1 Section 1
1/8" = 1'-0"



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



3 BEDROOM WING SECTION
1/4" = 1'-0"

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

BUILDING SECTIONS - MHRC

DATE: September 30, 2015

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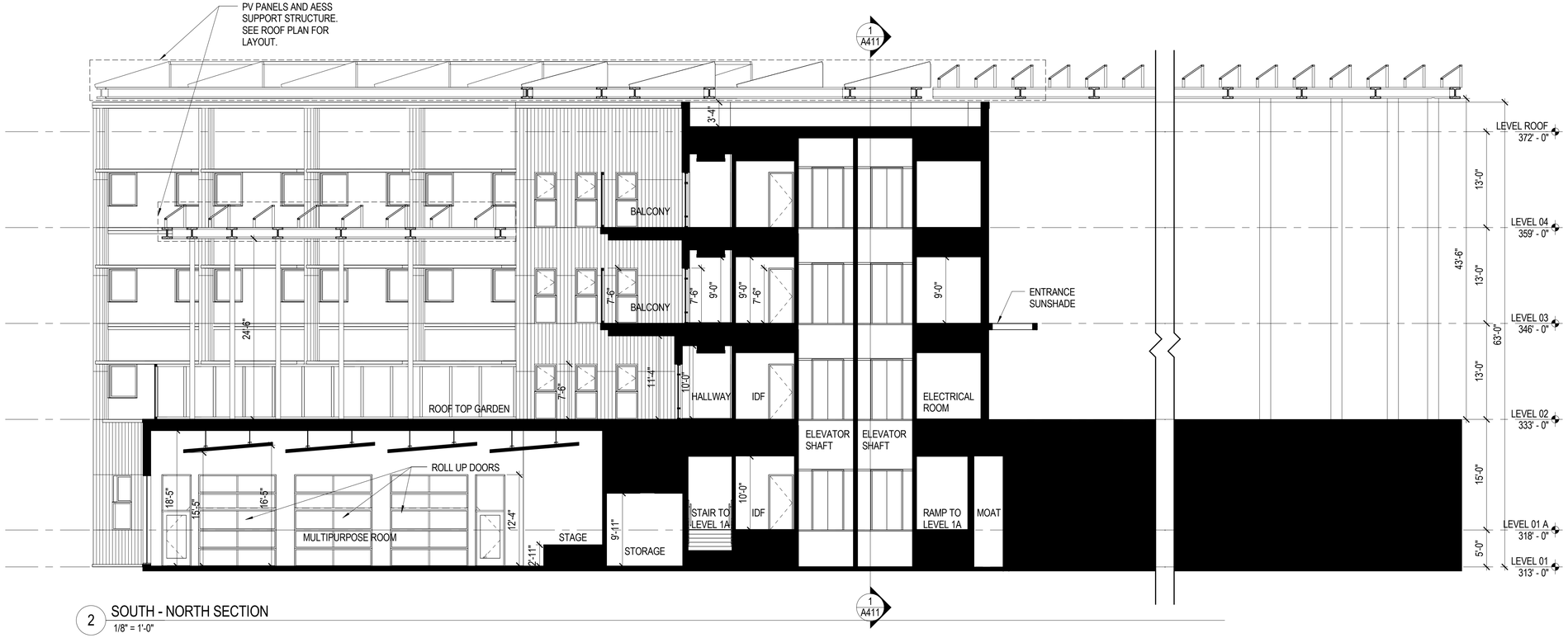
1 WEST - EAST SECTION
1/8" = 1'-0"



2 SOUTH - NORTH SECTION
1/8" = 1'-0"

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SAN MATEO COUNTY
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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

BUILDING SECTIONS - CAMPUS CENTER & ARF

DATE: September 30, 2015

SCHEMATIC DESIGN

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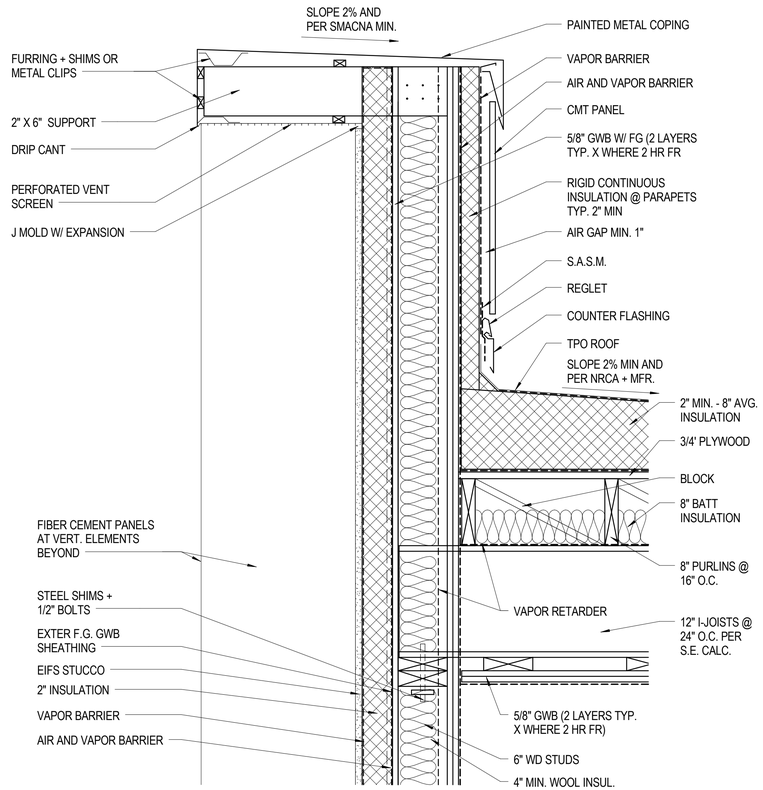
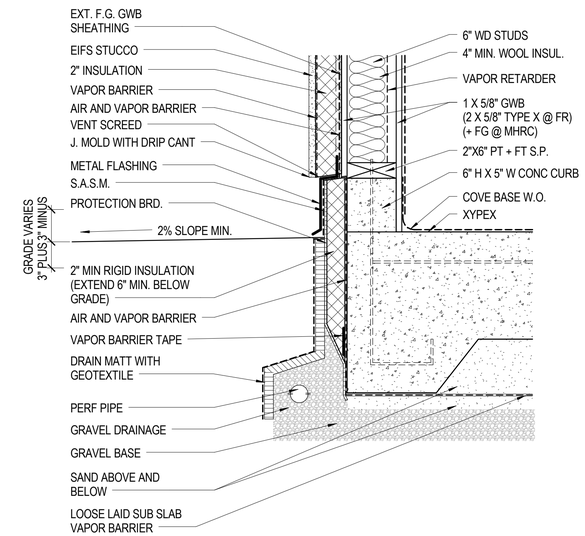
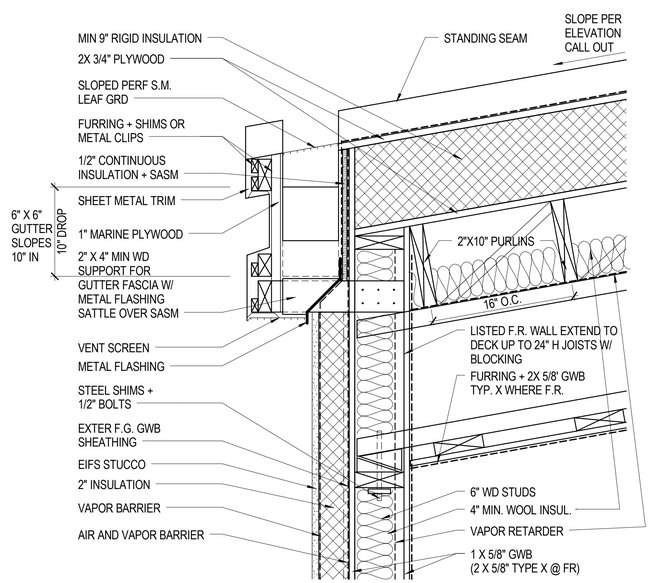


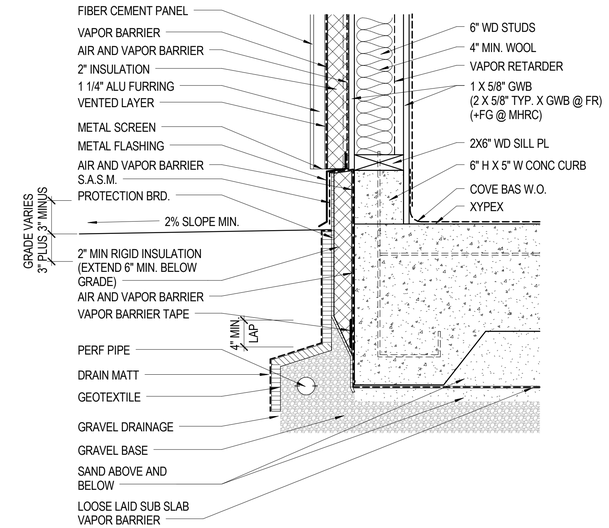
4 EIFS WALL ROOF DETAIL - ARF
1 1/2" = 1'-0"



2 EIFS WALL BASE DETAIL
1 1/2" = 1'-0"



3 EIFS WALL ROOF DETAIL - MHRC
1 1/2" = 1'-0"



1 FIBER CEMENT RAIN SCREEN BASE DETAIL
1 1/2" = 1'-0"

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

WALL SECTION DETAILS

DATE: September 30, 2015

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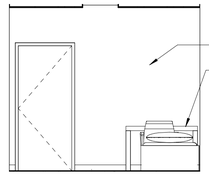
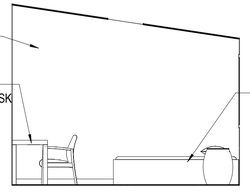
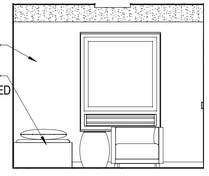


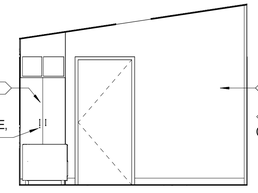
1 PRIVATE BEDROOM WEST
1/4" = 1'-0"



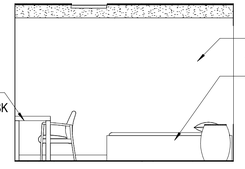
2 PRIVATE BEDROOM NORTH
1/4" = 1'-0"



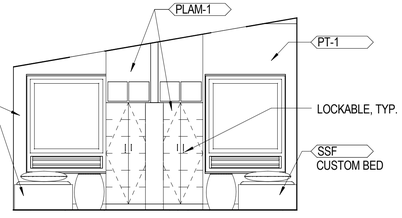
3 PRIVATE BEDROOM EAST
1/4" = 1'-0"



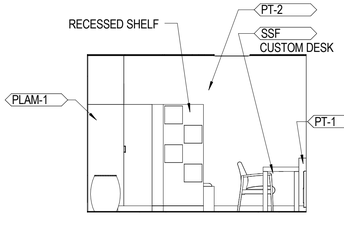
4 PRIVATE BEDROOM SOUTH
1/4" = 1'-0"



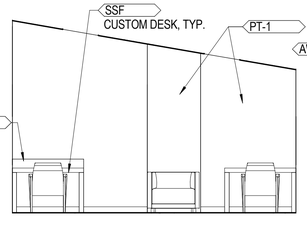
5 SEMI-PRIVATE BEDROOM WEST
1/4" = 1'-0"



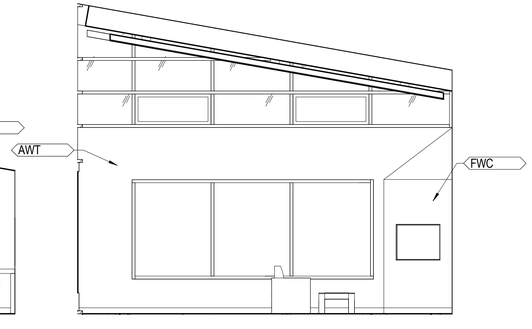
6 SEMI-PRIVATE BEDROOM NORTH
1/4" = 1'-0"



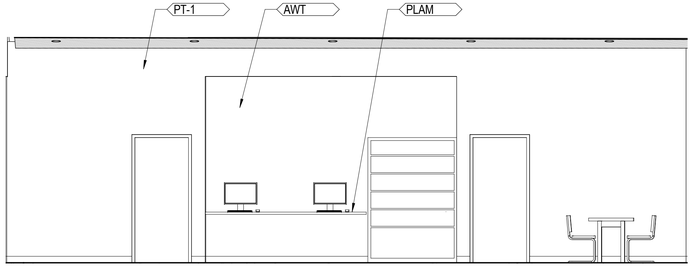
7 SEMI-PRIVATE BEDROOM EAST
1/4" = 1'-0"



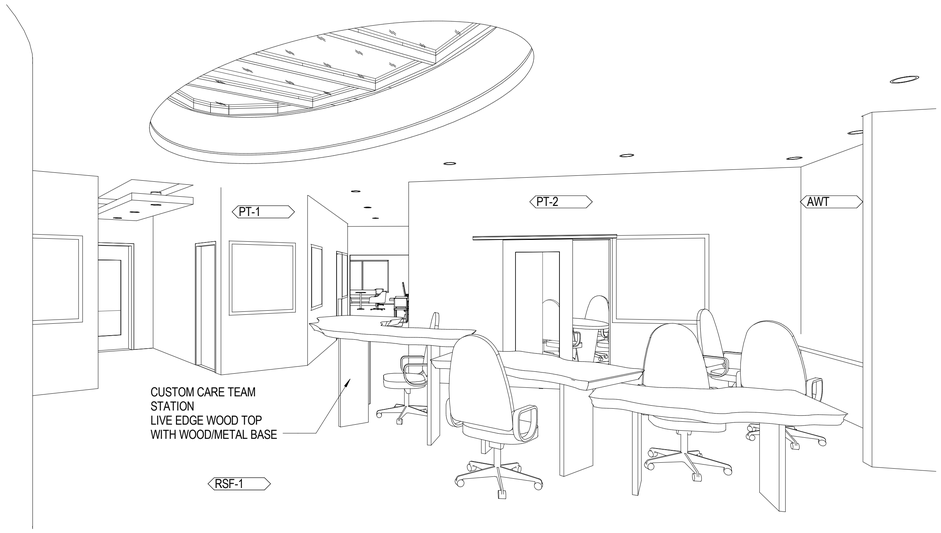
8 SEMI-PRIVATE BEDROOM SOUTH
1/4" = 1'-0"



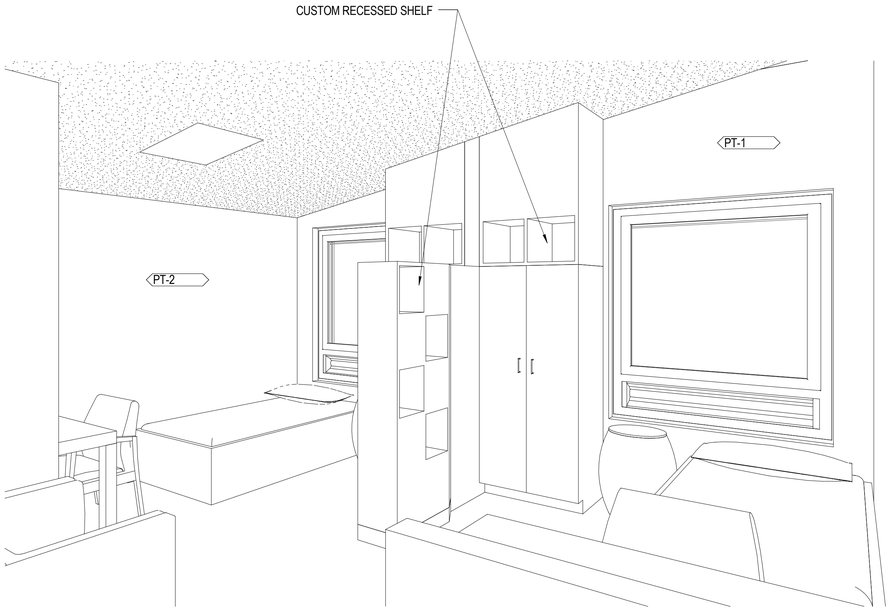
9 LIVING ROOM TV WALL
1/4" = 1'-0"



10 LIVING ROOM LIBRARY ALCOVE
1/4" = 1'-0"



11 CARE TEAM STATION PERSPECTIVE



12 SEMI-PRIVATE BEDROOM PERSPECTIVE

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COUNTY OF SAN MATEO
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CORDILLERAS
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REPLACEMENT PROJECT

SAN MATEO COUNTY
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BEHAVIORAL HEALTH AND
RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

INTERIOR ELEVATIONS & PERSPECTIVES - MHRC

DATE: September 30, 2015

SCHEMATIC DESIGN

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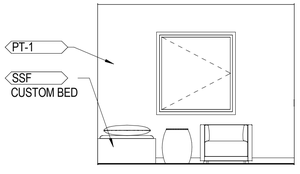
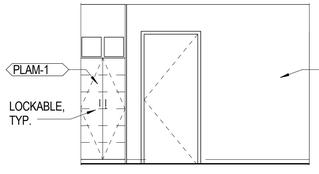
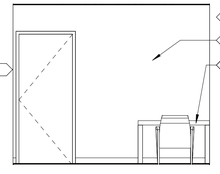


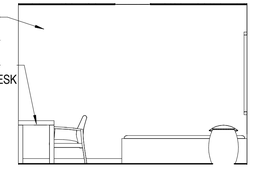
1 PRIVATE BEDROOM NORTH
1/4" = 1'-0"



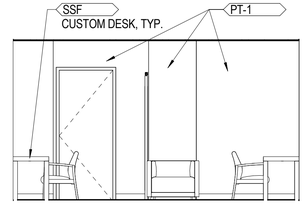
2 PRIVATE BEDROOM EAST
1/4" = 1'-0"



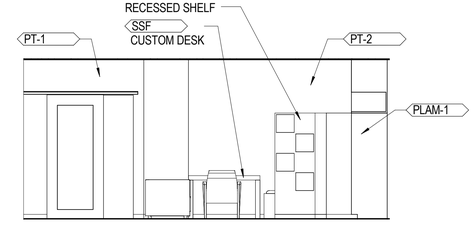
3 PRIVATE BEDROOM SOUTH
1/4" = 1'-0"



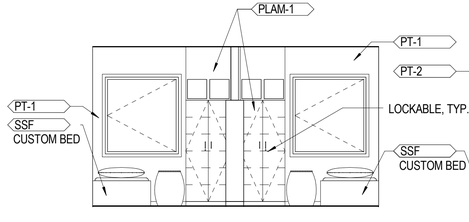
4 PRIVATE BEDROOM WEST
1/4" = 1'-0"



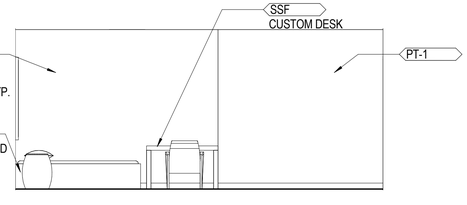
5 SEMI-PRIVATE BEDROOM NORTH
1/4" = 1'-0"



6 SEMI-PRIVATE BEDROOM EAST
1/4" = 1'-0"



7 SEMI-PRIVATE BEDROOM SOUTH
1/4" = 1'-0"



8 SEMI-PRIVATE BEDROOM WEST
1/4" = 1'-0"

9 AUDITORIUM PERSPECTIVE

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MILL VALLEY CA 94941
415.383.7900

CORDILLERAS
MENTAL HEALTH CENTER
REPLACEMENT PROJECT

SAN MATEO COUNTY
DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

INTERIOR ELEVATIONS & PERSPECTIVE - CAMPUS CENTER & ARF

DATE: September 30, 2015

SCHEMATIC DESIGN

A602

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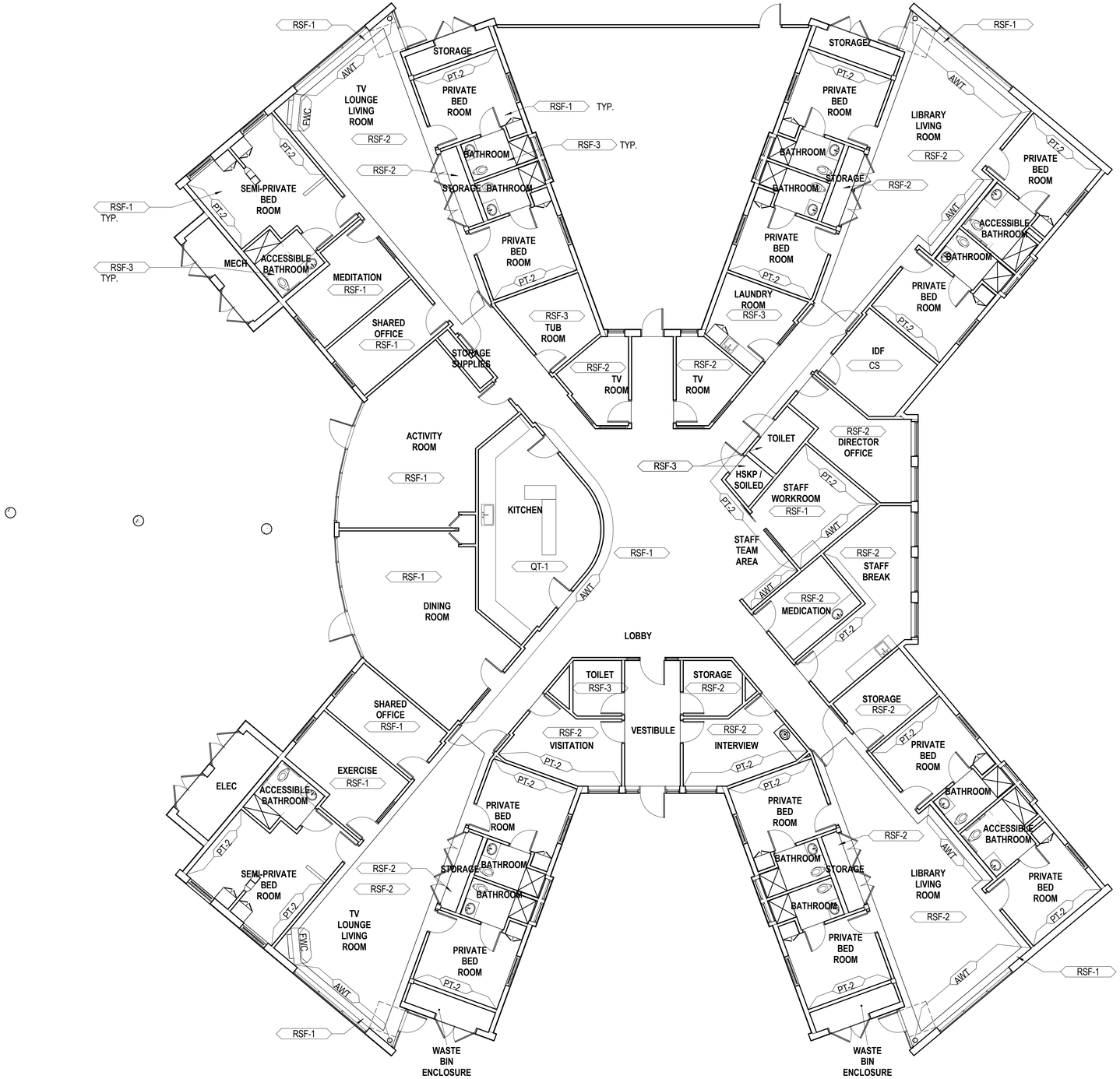

1 FINISH PLAN - LEVEL 01
1/8" = 1'-0"

FLOOR AND WALL FINISH LEGEND

RSF-1	LUXURY VINYL TILE
RSF-2	LINOLEUM
RSF-3	SHEET VINYL
QT-1	QUARRY TILE
CS	CONCRETE, SEALER
PT-1	TYP. U.N.O.
PT-2	ACCENT PAINT
AWT	ACOUSTICAL WALL TREATMENT
WT	WINDOW TREATMENT
FWC	FABRIC WALL COVERINGS

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FOUNDED 1856

CORDILLERAS
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DEPARTMENT OF PUBLIC WORKS AND HEALTH SYSTEM
BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

FLOOR & WALL FINISH PLAN - MHRC

DATE: September 30, 2015

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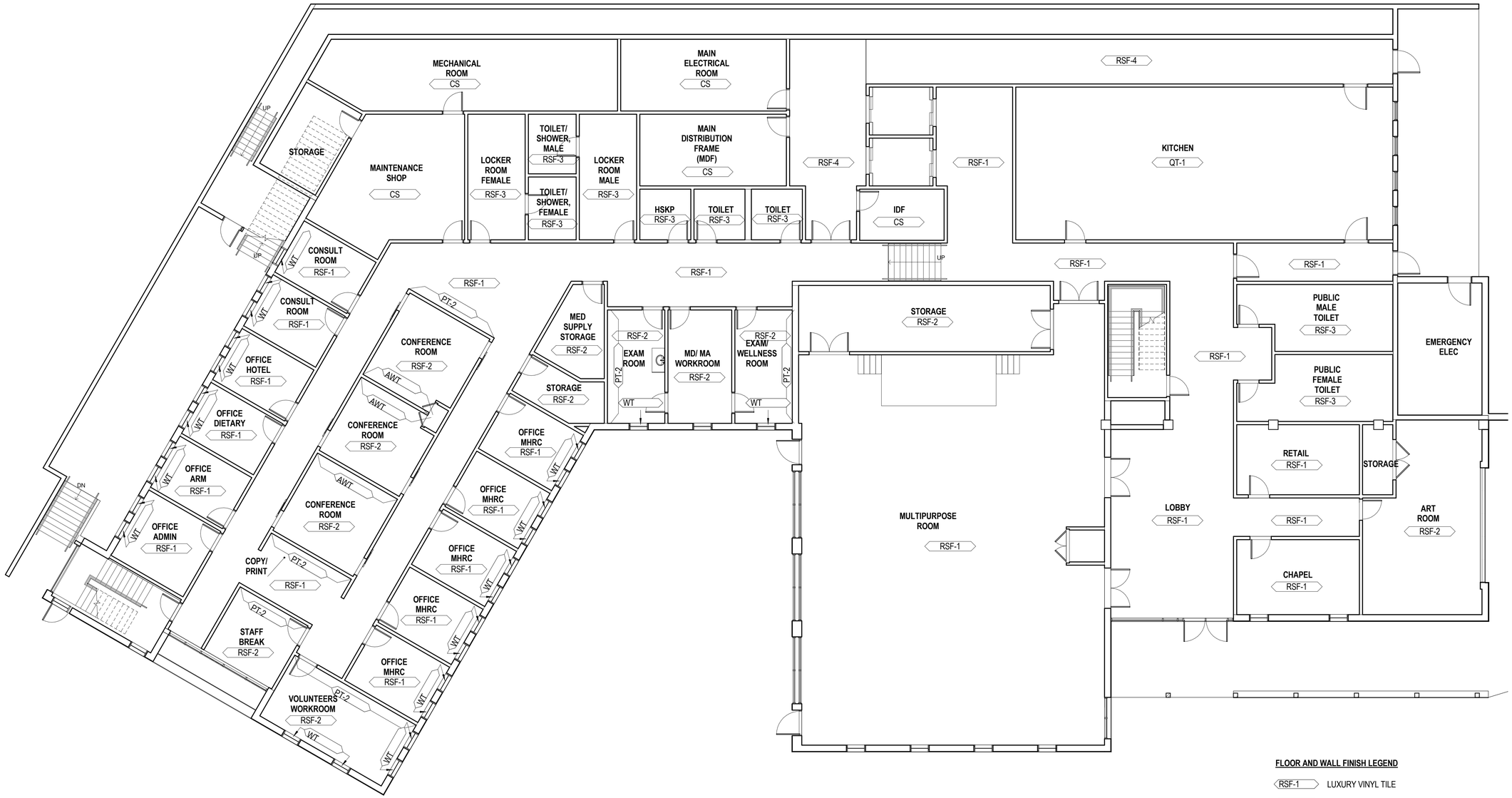

1 FINISH PLAN - LEVEL 01
1/8" = 1'-0"

FLOOR AND WALL FINISH LEGEND

RSF-1	LUXURY VINYL TILE
RSF-2	LINOLEUM
RSF-3	SHEET VINYL
RSF-4	RUBBER FLOOR
QT-1	QUARRY TILE
CS	CONCRETE, SEALER
PT-1	TYP. U.N.O.
PT-2	ACCENT PAINT
AWT	ACOUSTICAL WALL TREATMENT
WT	WINDOW TREATMENT

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BEHAVIORAL HEALTH AND RECOVERY SERVICES

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ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

FLOOR & WALL FINISH PLAN - CAMPUS CENTER LEVEL 1

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1 FINISH PLAN - LEVEL 02
1/8" = 1'-0"

FLOOR AND WALL FINISH LEGEND

RSF-1	LUXURY VINYL TILE
RSF-2	LINOLEUM
RSF-3	SHEET VINYL
RSF-4	RUBBER FLOOR
QT-1	QUARRY TILE
CS	CONCRETE, SEALER
PT-1	TYP. U.N.O.
PT-2	ACCENT PAINT
AWT	ACOUSTICAL WALL TREATMENT
WT	WINDOW TREATMENT

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FLOOR & WALL FINISH PLAN - ARF LEVEL 2

DATE: September 30, 2015

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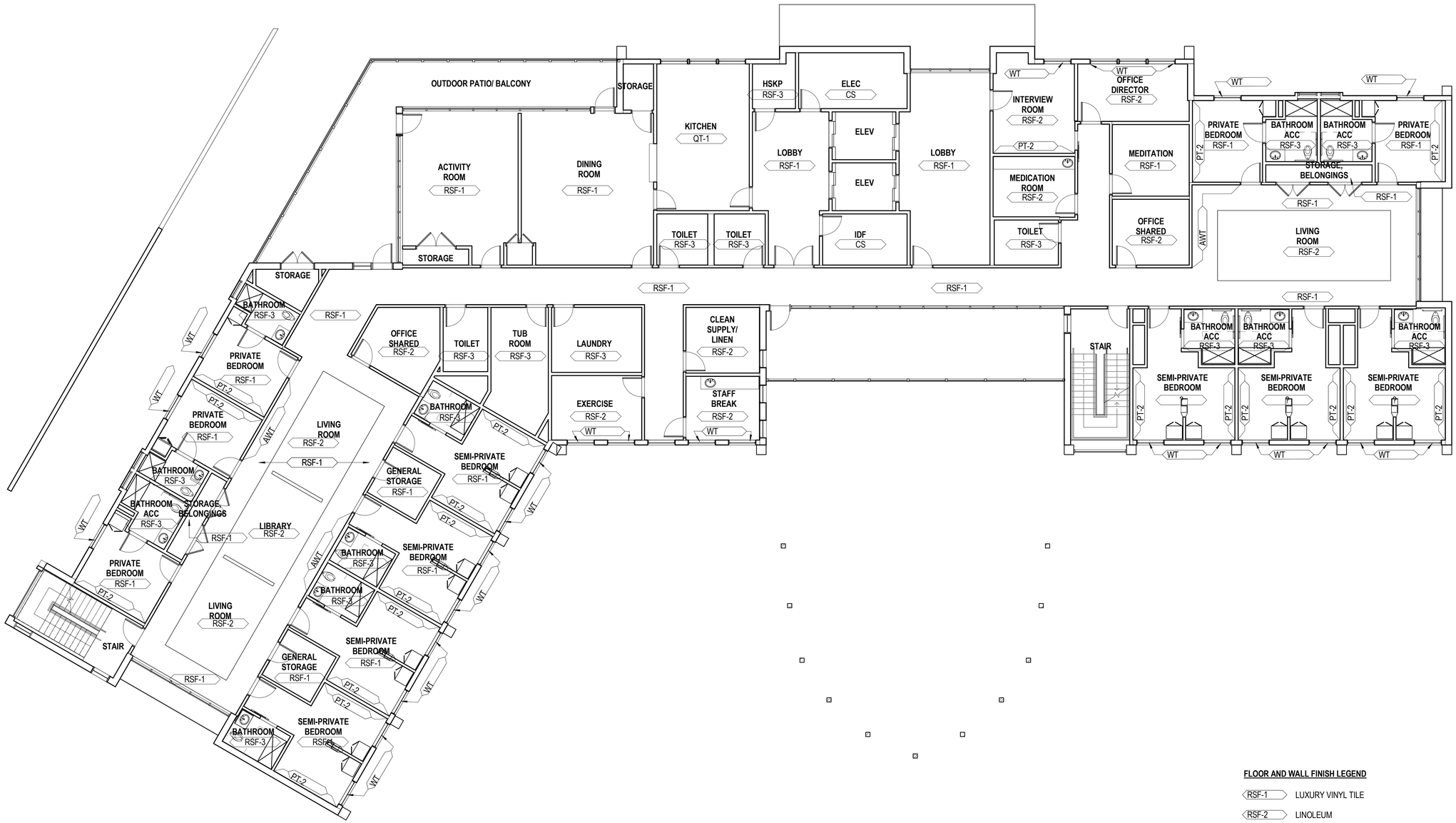

1 FINISH PLAN - LEVEL 03 & 04
1/8" = 1'-0"

FLOOR AND WALL FINISH LEGEND

RSF-1	LUXURY VINYL TILE
RSF-2	LINOLEUM
RSF-3	SHEET VINYL
RSF-4	RUBBER FLOOR
QT-1	QUARRY TILE
CS	CONCRETE, SEALER
PT-1	TYP. U.N.O.
PT-2	ACCENT PAINT
AWT	ACOUSTICAL WALL TREATMENT
WT	WINDOW TREATMENT

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BEHAVIORAL HEALTH AND RECOVERY SERVICES

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ISSUANCE HISTORY - THIS SHEET

HGA NO: 3505-005-01

FLOOR & WALL FINISH PLAN - ARF LEVELS 3 & 4

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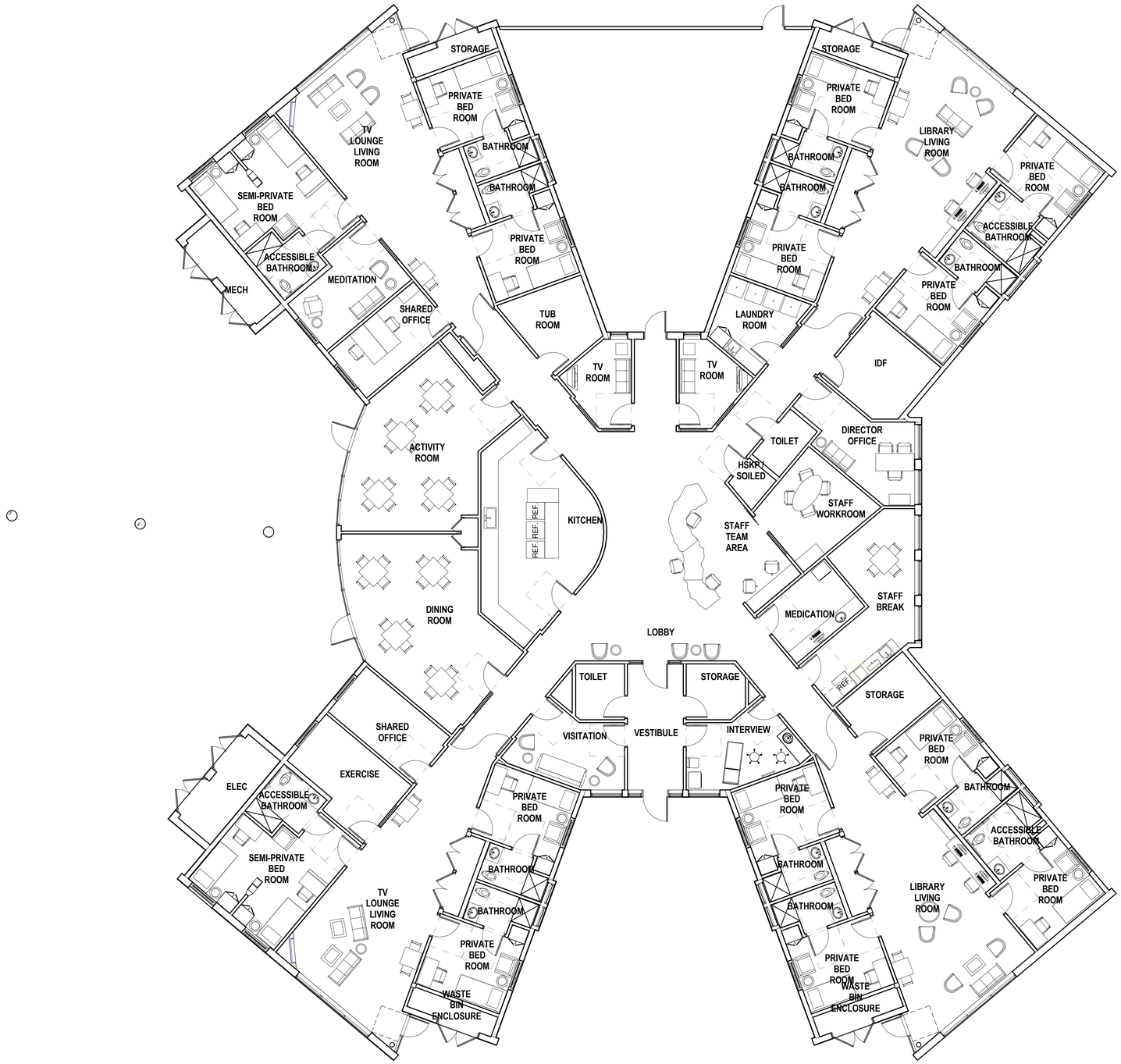

NOTE: SEE FF+E LIST FOR FURNITURE AND EQUIPMENT LIST

1 FURNITURE PLAN - LEVEL 01
1/8" = 1'-0"

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COUNTY OF SAN MATEO FOUNDED 1856

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BEHAVIORAL HEALTH AND RECOVERY SERVICES

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FURNITURE & EQUIPMENT PLAN - MHRC

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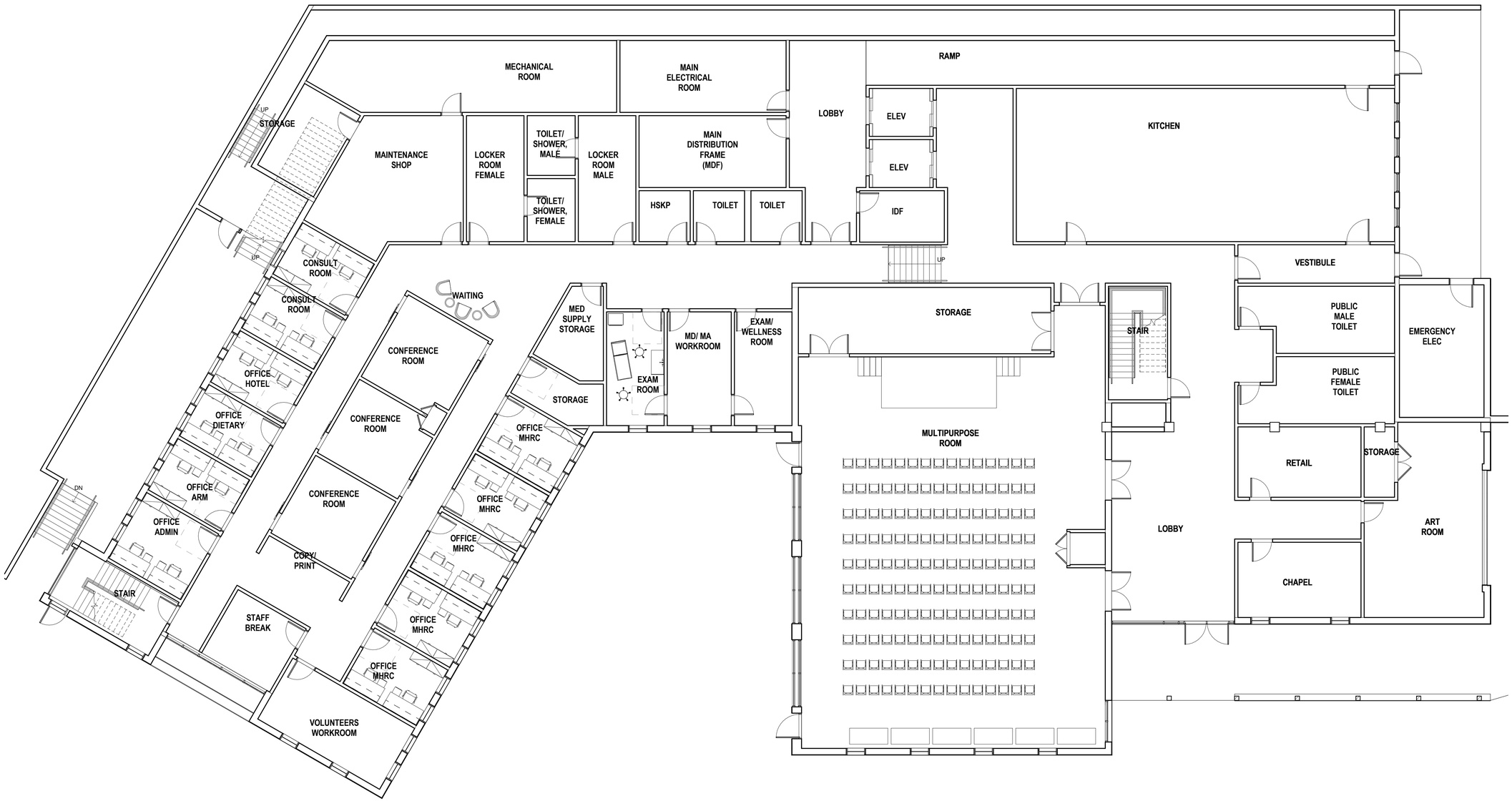

1 FURNITURE PLAN - LEVEL 01
1/8" = 1'-0"

NOTE: SEE FF+E LIST FOR FURNITURE AND EQUIPMENT LIST

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FURNITURE & EQUIPMENT PLAN - CAMPUS CENTER LEVEL 1

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1 FURNITURE PLAN - LEVEL 02
1/8" = 1'-0"

NOTE: SEE FF+E LIST FOR FURNITURE AND EQUIPMENT LIST

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FURNITURE & EQUIPMENT PLAN - ARF LEVEL 2

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1 FURNITURE PLAN - LEVEL 03 & 4
1/8" = 1'-0"

NOTE: SEE FF+E LIST FOR FURNITURE AND EQUIPMENT LIST

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NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

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FURNITURE & EQUIPMENT PLAN - ARF LEVELS 3 & 4

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MECHANICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

A/C	AIR CONDITION(ED)
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BDD	BACKDRAFT DAMPER
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
CD	CEILING DIFFUSER
CD	CONDENSATE DRAIN
CONT.	CONTINUATION
COP	COEFFICIENT OF PERFORMANCE
CU	CONDENSING UNIT
CV	CHECK VALVE
D	DROP
DB	DECIBEL
DB	DRY BULB
DIA	DIAMETER
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATING
EF	EXHAUST FAN
EFF	EFFICIENT
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
F	FAHRENHEIT
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FT	FEET
GAL	GALLONS
GPM	GALLONS PER MINUTE
HD	HEAD
HP	HORSEPOWER
HTG	HEATING
HWC	HOT WATER COIL
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN	INCHES
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LBS.	POUNDS
LH	LATENT HEAT
MA	MIXED AIR
MAX	MAXIMUM
MBH	THOUSAND BTU'S PER HOUR
MD	MOTORIZED DAMPER
MIN	MINIMUM
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PH	PHASE
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
R	RISE
RA	RETURN AIR
RET	RETURN
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SEER	SEASONAL ENERGY EFFICIENCY RATING
SF	SQUARE FEET
SH	SENSIBLE HEAT
SOV	SHUT OFF VALVE
SP	STATIC PRESSURE
T, TEMP	TEMPERATURE
TD	TEMPERATURE DIFFERENCE
TP	TOTAL PRESSURE
V	VOLT
W/	WITH
W	WATT
WB	WET BULB
WC	WATER COLUMN

Dampers

FIRE DAMPER (FD)
FIRE/SMOKE DAMPER (FSD)
MOTORIZED DAMPER (MD)
SMOKE DAMPER (SD)
VOLUME DAMPER

Diffusers and Grilles

EXHAUST AIR
RETURN AIR
SUPPLY AIR
12x12 / 100 CD-1 — DIFFUSER OR GRILLE IDENTIFICATION

Ductwork Fittings

ACOUSTICALLY LINED DUCT (SIZES SHOWN ARE NET INSIDE)
BELLMOUTH
CONCENTRIC SQUARE TO ROUND
CONCENTRIC TRANSITION, RECTANGULAR OR ROUND
ECCENTRIC TRANSITION, RECTANGULAR OR ROUND
FLEXIBLE CONNECTION
MITERED ELBOW WITH TURNING VANES
NON-SYMMETRICAL WYE
RADIUSED ELBOW
RECTANGULAR DUCT DROP
RECTANGULAR DUCT RISER
RECTANGULAR MAIN WITH RECTANGULAR BRANCH
RECTANGULAR MAIN WITH ROUND BRANCH
RECTANGULAR OFFSET LESS THAN 15°
RECTANGULAR OFFSET MORE THAN 15°
ROUND DUCT DROP
ROUND DUCT RISER
ROUND DUCT WITH ROUND BRANCH
ROUND WYE
SYMMETRICAL WYE

Piping Fittings, Appurtenances and Equipment

CAP
CONTINUATION
EXPANSION LOOP
PIPE DROP
PIPE RISE
PIPE TO DRAIN
SHOCK ABSORBER
T&P RELIEF VALVE WITH PIPE TO DRAIN
TEE DOWN ON PIPE
TEE UP ON PIPE
TEMPERATURE SENSOR
VENT TO ATMOSPHERE

Piping Systems

HWSR — HEATING WATER SUPPLY AND RETURN

Piping Valves

VALVE, GENERAL

GENERAL MECHANICAL NOTES

A. ALL NEW CONSTRUCTION SHALL CONFORM TO CITY, STATE, AND NATIONAL CODES, STANDARDS, AND REQUIREMENTS AT THE TIME OF PERMITTING.

B. ALL MATERIALS AND WORKMANSHIP ARE SUBJECT TO APPROVAL BY HOSPITAL REPRESENTATIVE. ANY DEFECTIVE WORK SHALL BE REPLACED BY THE CONTRACTOR AS PART OF THIS CONTRACT AT NO ADDITIONAL COST TO THE HOSPITAL.

C. ANY NEW OR EXISTING DUCT OR PIPING OFFSETS REQUIRED AS RESULT OF JOB CONDITIONS OR LACK OF COORDINATION WITH OTHER TRADES SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE HOSPITAL.

D. CONTRACTOR SHALL PROVIDE DUCTWORK AND TRANSITION EQUAL TO DUCT FREE AREA OF DUCTWORK AS SHOWN ON DRAWINGS, TO PREVENT A CONFLICT WITH EXISTING CONDITIONS OR TO RESOLVE DUCTWORK CONFLICTS.

E. PROVIDE MANUAL VOLUME DAMPERS TO FACILITATE PROPER BALANCE OF THE AIR DISTRIBUTION SYSTEM. VOLUME DAMPER AT DIFFUSERS AND REGISTERS SHALL NOT BE USED FOR AIR BALANCING.

F. SEAL ALL OPENINGS AROUND PIPING AND DUCTWORK PENETRATING FIRE RESISTIVE RATED WALLS TO MAINTAIN RATING INTEGRITY.

G. COORDINATE EXACT LOCATION OF CEILING, WALL OR FLOOR ACCESS PANELS FOR FIRE, SMOKE OR COMBINATION FIRE SMOKE DAMPERS AND VOLUME DAMPERS WITH THE HOSPITAL'S REPRESENTATIVE.

H. COORDINATE EXACT LOCATION OF CORE DRILLING, CUTTING OF FLOOR SLAB, OR WALLS OF THE BUILDING WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.

I. PROVIDE ACCESS DOOR FOR ALL EQUIPMENT, VALVES AND CLEANOUTS WHICH REQUIRE ACCESS FOR ADJUSTMENT OR SERVICING, AND WHICH ARE LOCATED IN OTHERWISE INACCESSIBLE LOCATIONS. OPENINGS SHALL BE LARGE ENOUGH TO PERMIT MAINTENANCE AND ADJUSTMENT OF THE DEVICE.

J. DUCTS STORED ON THE CONSTRUCTION SITE SHALL BE PROTECTED AND ISOLATED FROM DUST CONTAMINATION.

K. PITCH PIPELINES AS REQUIRED FOR PROPER DRAINAGE AND ELIMINATION OF AIR.

L. PROVIDE CONDENSATE DRAIN PIPING WITH DRAINAGE AND CLEANOUT FITTINGS FOR ALL COOLING COILS AND ROUTE TO A NEAREST APPROVED RECEPTOR.

M. THE PROJECT DESIGN SHOWN ON THE DRAWINGS AND SPECIFIC ITEMS REFERENCED IN THE SPECIFICATIONS IS IN COMPLIANCE WITH THE CODES AND ORDINANCES LISTED IN DIVISION 23 SPECIFICATIONS.

N. PROVIDE SEISMIC ANCHORAGE AND BRACING FOR MECHANICAL EQUIPMENT, PIPING AND DUCTWORK. SEE "GENERAL SEISMIC NOTES" FOR DETAIL REQUIREMENTS.

O. COORDINATE WITH DIVISION 26 CONTRACTOR FOR LOCATION OF POWER AND LOCAL DISCONNECTS FOR MECHANICAL EQUIPMENT DEVICES.

P. INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS UNLESS SPECIFICALLY INDICATED OTHERWISE OR WHERE THE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.

Q. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED FOR EXACT LOCATION AND SIZES OF EXISTING UTILITIES, THE PROPOSED POINT OF CONNECTIONS TO EXISTING SYSTEMS, AND NEW ROUTINGS. THE CONTRACTOR IS RESPONSIBLE TO THOROUGHLY VERIFY ALL EXISTING CONDITIONS BEFORE SUBMITTING BID.

R. KEEP CUTTING TO THE MINIMUM REQUIRED FOR PROPER EXECUTION OF WORK. BE RESPONSIBLE FOR ALL CUTTING AND PATCHING NECESSARY FOR THE COMPLETION OF WORK. NO CUTTING SHALL BE PERFORMED WITHOUT THE APPROVAL OF THE ARCHITECT.

S. PROVIDE OFFSETS, ELBOWS AND TRANSITIONS IN DUCTWORK AND PIPING AS REQUIRED AT NO ADDITIONAL COST TO THE JEWISH HOME GOODMAN REHABILITATION CENTER.

T. VERIFY ALL CONNECTIONS WITH MANUFACTURER'S CERTIFIED DRAWINGS. PROVIDE TRANSITIONS FOR FINAL CONNECTION TO EQUIPMENT. FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATION OF WORK.

U. VERIFY DIFFUSERS, GRILLS, AND REGISTER MOUNTING FRAME TYPES WITH CEILING TYPE AND CONFIGURATION.

V. PROVIDE DUCT ACCESS DOORS FOR ALL DUCTS AS REQUIRED.

W. PROVIDE HANGER, SUPPORT AND SWAY BRACES FOR ALL DUCTWORK AND EQUIPMENT AS REQUIRED BY THE LATEST EDITION OF THE SMACNA GUIDELINES.

X. DUCT SYSTEMS SHALL BE BALANCED TO CFM ON DRAWINGS. FANS SHALL BE FIELD TESTED TO ENSURE COMPLIANCE WITH SCHEDULED FAN PERFORMANCE, AIR FLOW AT DESIGN STATIC PRESSURE.

Y. ALL WORK AND MATERIALS SHALL BE IN COMPLIANCE WITH THE SPECIFICATIONS IN THE EVENT OF A CONFLICT BETWEEN THE CONTRACT DRAWINGS AND THE SPECIFICATIONS, THE MOST STRINGENT SHALL GOVERN.

Z. INSTALL ALL PIPING AND DUCTWORK TO BEST SUIT FIELD CONDITIONS AND COORDINATE WITH OTHER TRADES. THE DRAWINGS ARE DIAGRAMMATIC, AND SHALL NOT BE SCALED TO DETERMINE THE EXACT LOCATIONS OF THE PIPING OR DUCTWORK.

AA. CONTRACTOR SHALL FIELD-VERIFY EXISTING CONDITIONS AND SHALL REPORT ANY DISCREPANCIES AND/OR INCONSISTENCIES BETWEEN THE DRAWINGS AND EXISTING CONDITIONS TO THE ENGINEER BEFORE COMMENCEMENT OF WORK.

AB. CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING ALL TRADE PERMITS AND INSPECTIONS.

AC. ALL DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED TO MEET SMACNA AND THE LATEST CALIFORNIA MECHANICAL CODE AT THE TIME OF PERMITTING.

SHEET INDEX

M0.1 SYMBOLS LIST AND GENERAL NOTES - MECHANICAL

M2.1 FIRST FLOOR PLAN ARF - MECHANICAL
M2.2 SECOND FLOOR PLAN ARF - MECHANICAL
M2.3 THIRD FLOOR PLAN ARF - MECHANICAL
M2.4 ROOF PLAN ARF - MECHANICAL

M3.1 FIRST FLOOR PLAN MHRC - MECHANICAL
M3.2 ROOF PLAN MHRC - MECHANICAL

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COUNTY OF SAN MATEO — FOUNDED 1856

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

SYMBOLS LIST AND GENERAL NOTES - MECHANICAL

DATE: September 30, 2015

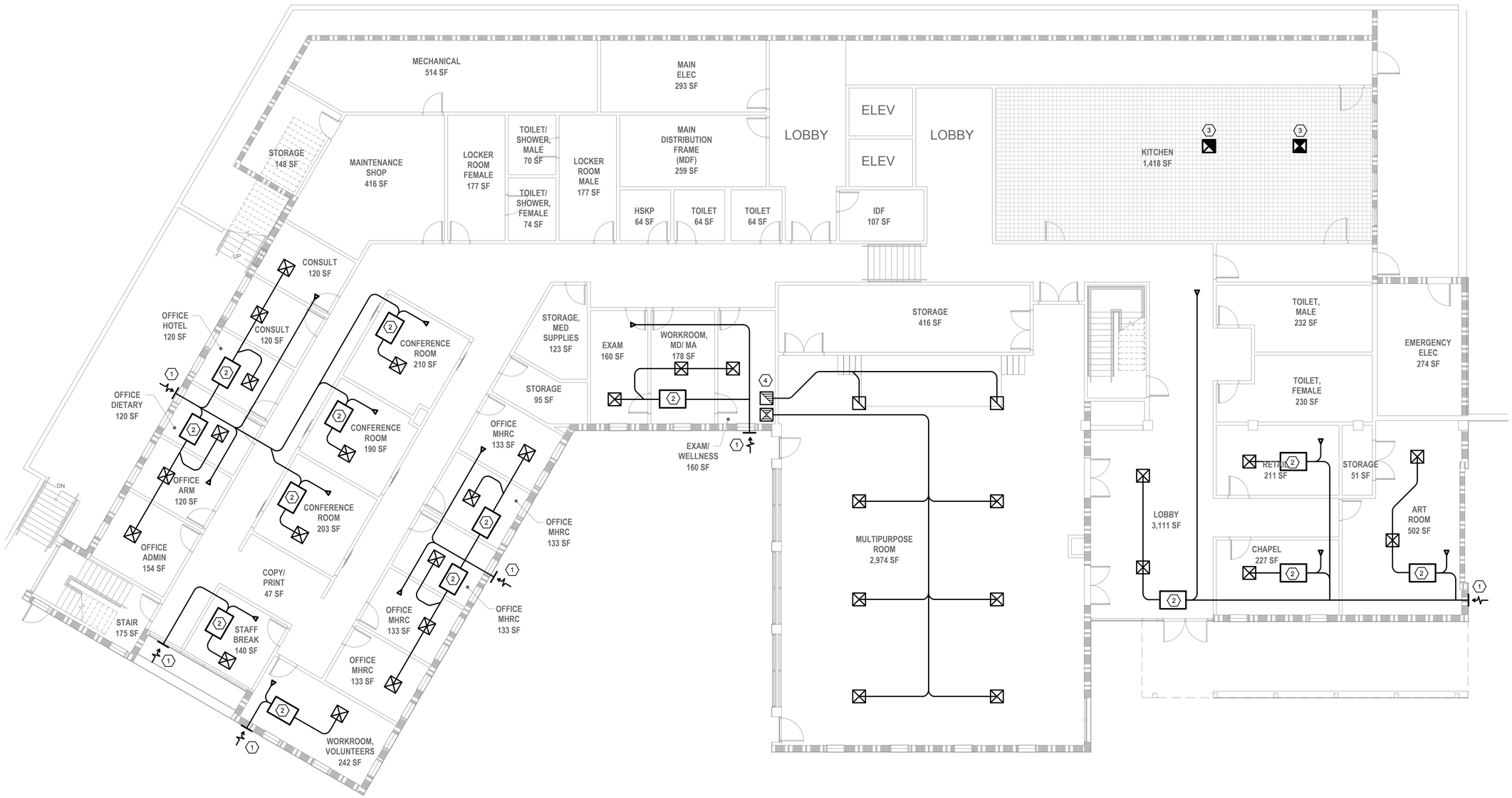
SCHEMATIC DESIGN

M0.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. OUTSIDE AIR INTAKE LOVER DUCTED TO FAN COIL.
2. ABOVE CEILING FAN COIL UNIT WITH DUCTED AIR DISTRIBUTION SYSTEM.
3. KITCHEN MAKE-UP AND EXHAUST AIR UP TO ROOF.
4. SUPPLY & RETURN AIR FROM MULTI-PURPOSE ROOM UP TO AC UNIT ON ROOF.



1 FIRST FLOOR PLAN - MECHANICAL

0 4' 8' 16'

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

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COUNTY OF SAN MATEO
FOUNDED 1856

CORDILLERAS

REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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△NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

SHEET NAME

DATE: September 30, 2015

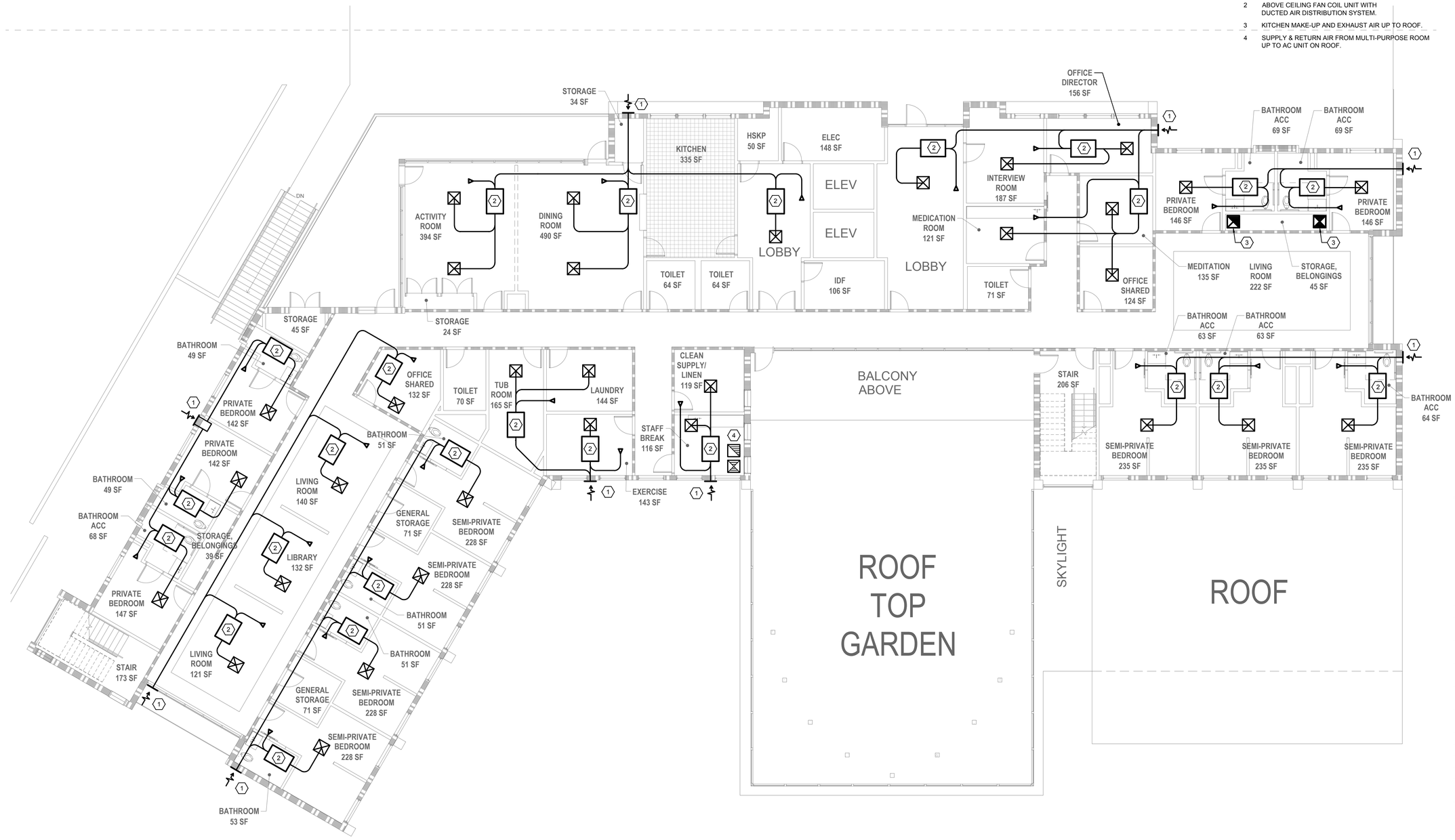
SCHEMATIC DESIGN

M2.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. OUTSIDE AIR INTAKE LOVER DUCTED TO FAN COIL.
2. ABOVE CEILING FAN COIL UNIT WITH DUCTED AIR DISTRIBUTION SYSTEM.
3. KITCHEN MAKE-UP AND EXHAUST AIR UP TO ROOF.
4. SUPPLY & RETURN AIR FROM MULTI-PURPOSE ROOM UP TO AC UNIT ON ROOF.



1 SECOND FLOOR PLAN - MECHANICAL

0 1000' 2000'

SCALE: 1"=1000'-0"

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COUNTY OF SAN MATEO
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SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

SHEET NAME

DATE: September 30, 2015

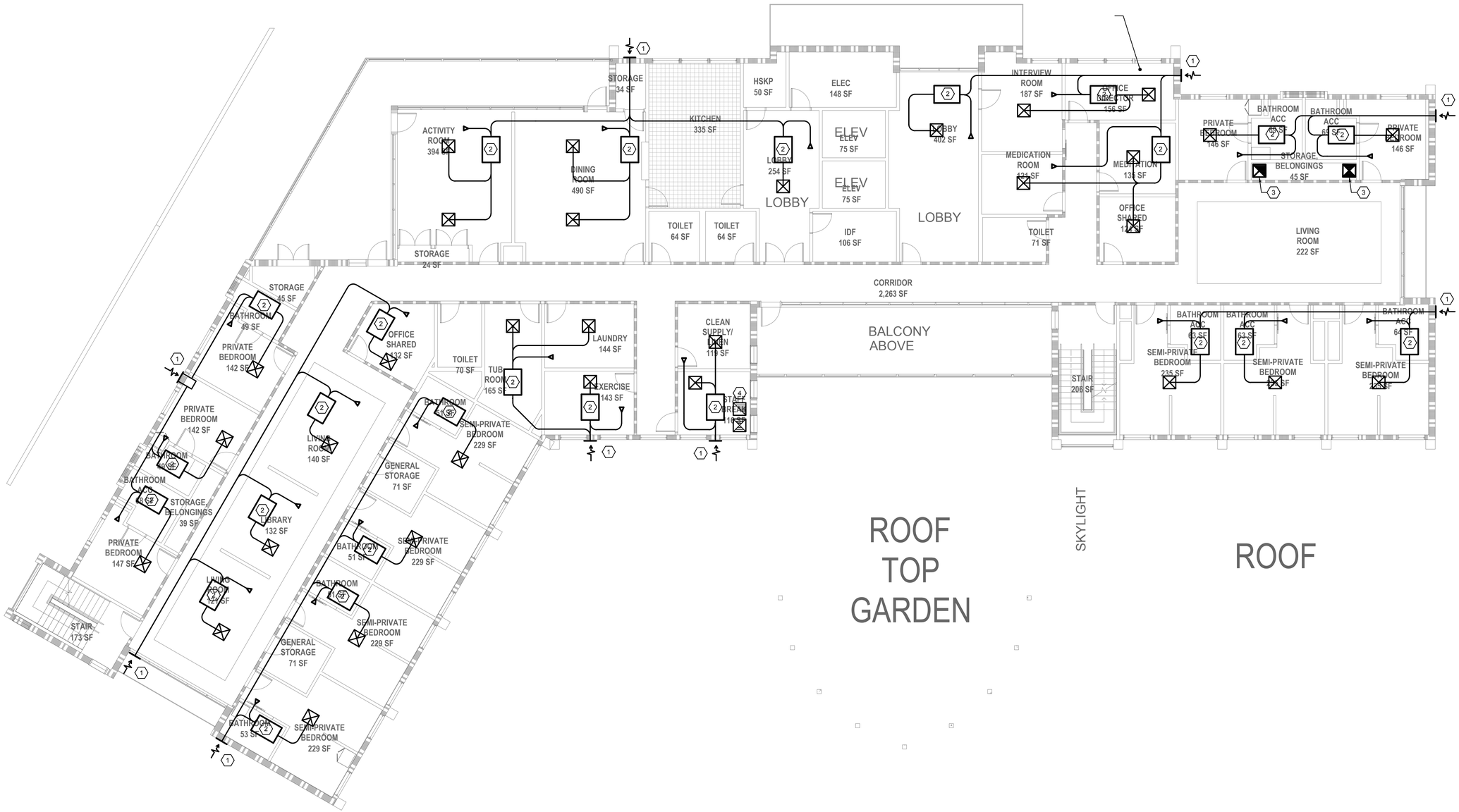
SCHEMATIC DESIGN

M2.2

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. OUTSIDE AIR INTAKE LOVER DUCTED TO FAN COIL.
2. ABOVE CEILING FAN COIL UNIT WITH DUCTED AIR DISTRIBUTION SYSTEM.
3. KITCHEN MAKE-UP AND EXHAUST AIR UP TO ROOF.
4. SUPPLY & RETURN AIR FROM MULTI-PURPOSE ROOM UP TO AC UNIT ON ROOF.



1 THIRD FLOOR PLAN - MECHANICAL

0 4' 8' 16'

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

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REDWOOD CITY, CA

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

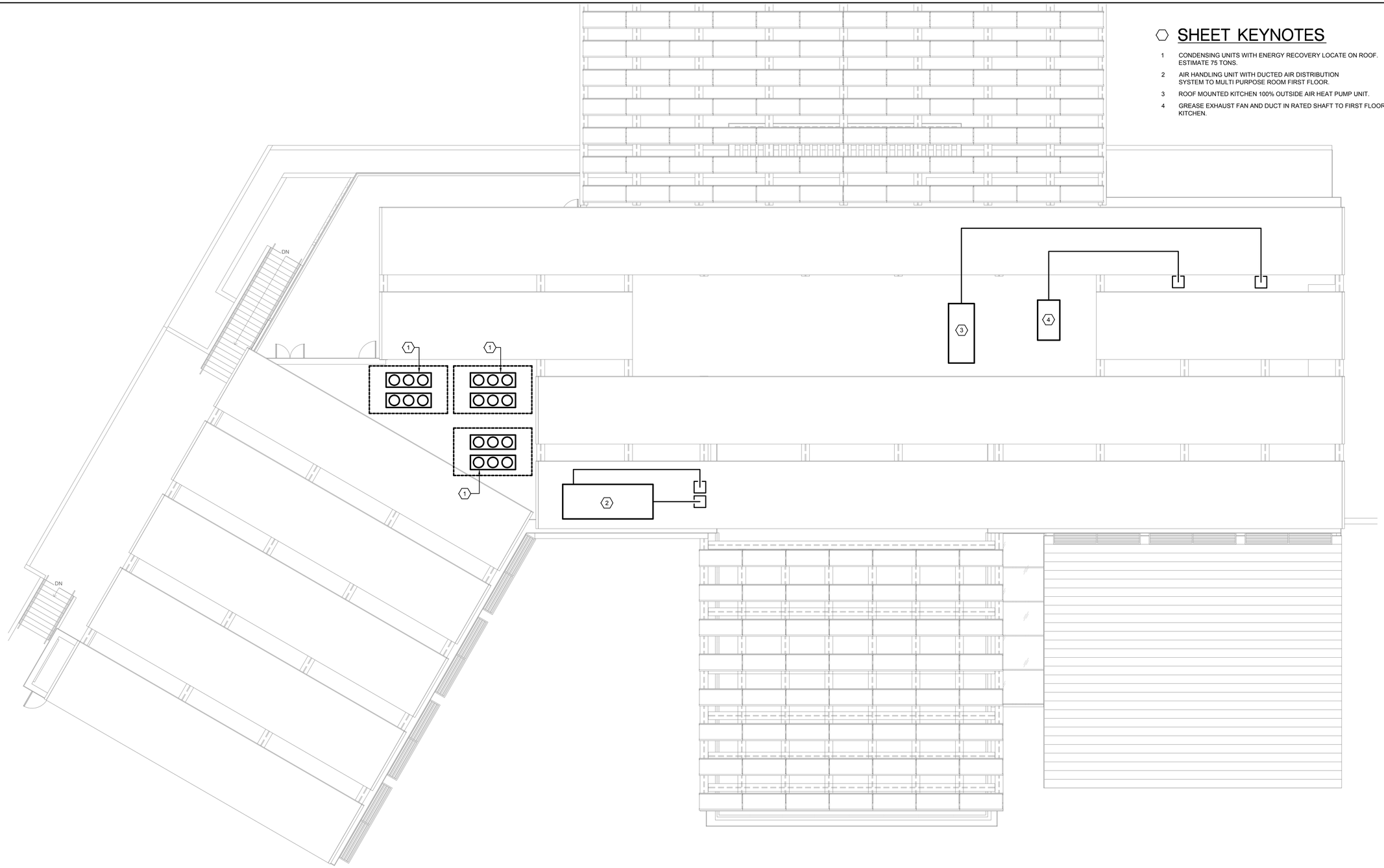
SHEET NAME

DATE: September 30, 2015

SCHEMATIC DESIGN

M2.3

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION



SHEET KEYNOTES

1. CONDENSING UNITS WITH ENERGY RECOVERY LOCATE ON ROOF. ESTIMATE 75 TONS.
2. AIR HANDLING UNIT WITH DUCTED AIR DISTRIBUTION SYSTEM TO MULTI PURPOSE ROOM FIRST FLOOR.
3. ROOF MOUNTED KITCHEN 100% OUTSIDE AIR HEAT PUMP UNIT.
4. GREASE EXHAUST FAN AND DUCT IN RATED SHAFT TO FIRST FLOOR KITCHEN.

1 ROOF PLAN - MECHANICAL

0 4' 8' 16'

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

PROJECT 2015-0248
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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

SHEET NAME

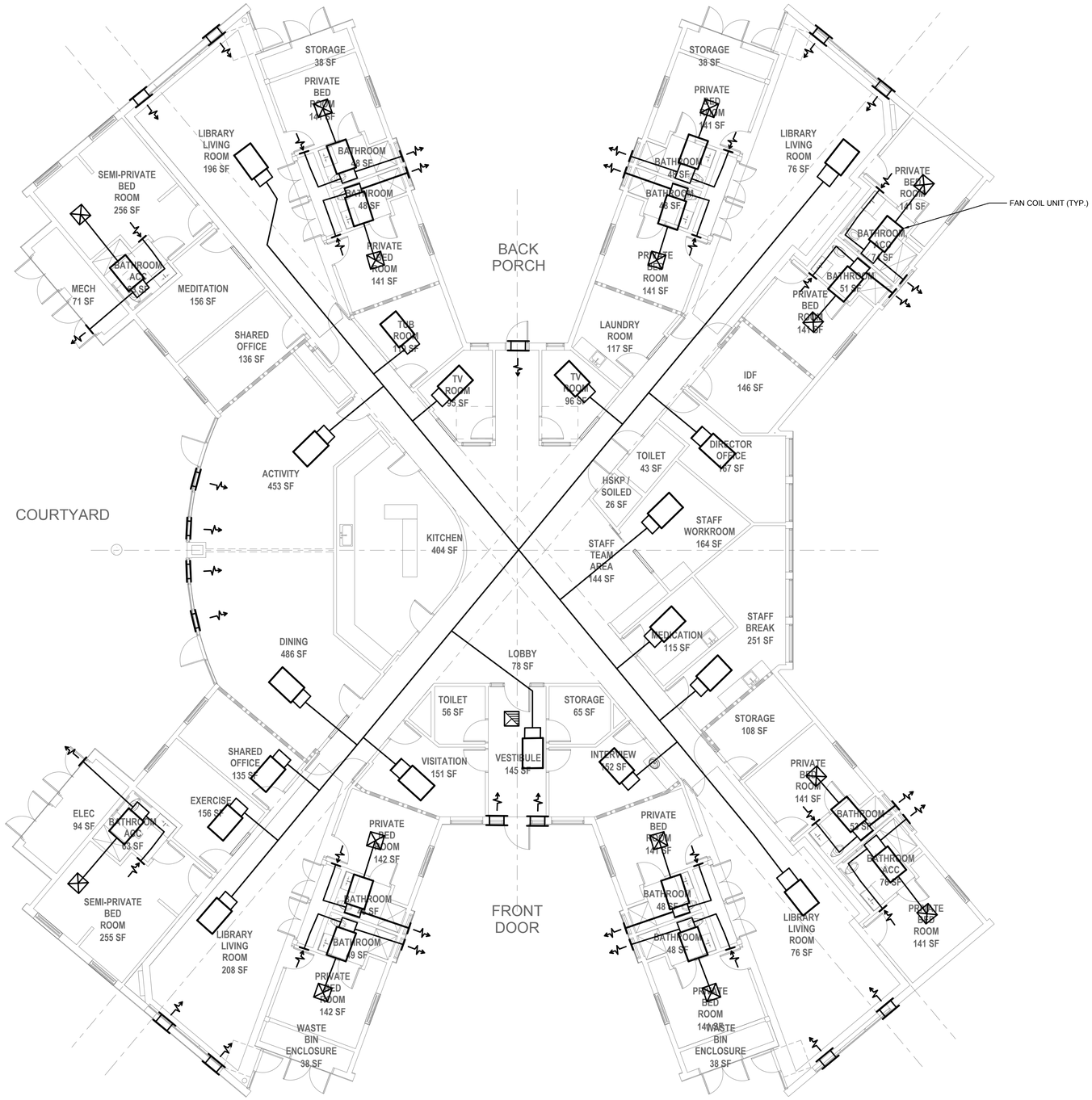
DATE: September 30, 2015

SCHEMATIC DESIGN

M2.4

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

FILE: 0248M24.DWG – M2.4 | EDIT: 9/1/2015 4:29 PM BY SALY | PLOT: 9/9/2015 4:09 PM BY LAUREN JONES



1 FIRST FLOOR PLAN - MECHANICAL

0 4' 8' 16'

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

PROJECT 2015-0248
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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

SHEET NAME

DATE: September 30, 2015

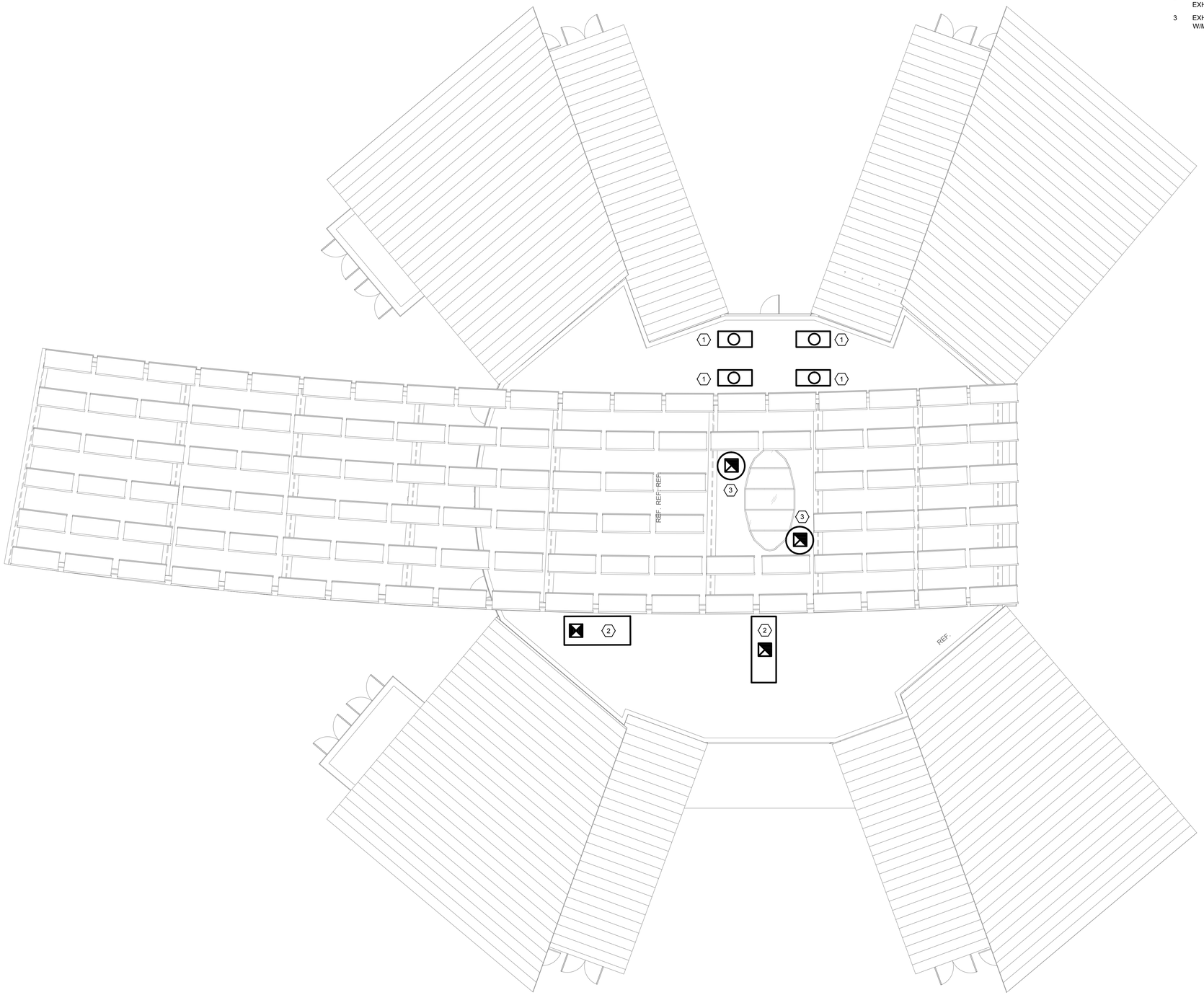
SCHEMATIC DESIGN

M2.5

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. CONDENSING UNITS WITH ENERGY RECOVERY LOCATED ON ROOF. ESTIMATE 24-30.
2. ROOF MOUNTED KITCHEN 100% OUTSIDE AIR HEAT PUMP UNIT AND EXHAUST HOOD FANS.
3. EXHAUST FAN FOR FAN ASSISTED NATURAL VENTILATION SYSTEM W/MOTORIZED DAMPERS /LOUVER OR WINDOWS.



1 ROOF PLAN - MECHANICAL

0 4' 8' 16'

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

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COUNTY OF SAN MATEO
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REDWOOD CITY, CA

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ISSUANCE HISTORY - THIS SHEET

SHEET NAME

DATE: September 30, 2015

SCHEMATIC DESIGN

M2.6

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

PLUMBING SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

#	NUMBER
&	AND
(A)	ABANDON IN PLACE
(E)	EXISTING
(F)	FUTURE
(N)	NEW
(R)	RELOCATE / RELOCATED LOCATION
(X)	DEMOLISH
@	AT
'	FOOT, FEET
A	AQUASTAT, ARCHITECT, ANCHOR, AMPHERE
AFF	ABOVE FINISHED FLOOR
AP	ACCESS PANEL
BFF	BELOW FINISHED FLOOR
BFP	BACKFLOW PREVENTER
BLDG	BUILDING
BTUH	BRITISH THERMAL UNITS PER HOUR
CD	CONDENSATE DRAIN
CFH	CUBIC FEET PER HOUR
CFS	CUBIC FEET PER SECOND
CO	CLEANOUT
CONT.	CONTINUATION
CV	CHECK VALVE
CW	COLD WATER
D	DRAIN
DCVA	DOUBLE CHECK VALVE ASSEMBLY
DET	DOMESTIC EXPANSION TANK
DF	DRINKING FOUNTAIN
DFU	DRAINAGE FIXTURE UNIT
DN	DOWN
DS	DOWNSPOUT
DSN	DOWNSPOUT NOZZLE
DW	DISHWASHER, DOMESTIC WATER
DWV	DRAINAGE, WASTE AND VENT
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
F	FIRE, FAHRENHEIT
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FFE	FINISHED FLOOR ELEVATION
FL	FLOOR
FT	FEET
FV	FLUSH VALVE
GPM	GALLONS PER MINUTE
GRW	GREY WATER
GW	GREASE WASTE
GWH	GAS WATER HEATER
HB	HOSE BIBB
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HW	HOT WATER
HWFU	HOT WATER FIXTURE UNIT
HWR	HOT WATER RETURN
HZ	HERTZ
IN, "	INCHES
INV	INVERT ELEVATION
IW	INDIRECT WASTE
L	LAVATORY
MIN	MINIMUM
MS	MOP SINK
MX	MIXING VALVE
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
NTS	NOT TO SCALE
OD	OVERFLOW DRAIN, OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
P	PLUMBING, PUMP
PD	PRESSURE DROP, PLUMBING DEMOLITION, PUMPED DISCHARGE
PLBG	PLUMBING
POC	POINT OF CONNECTION
PRV	PRESSURE REDUCING VALVE
PSI	POUNDS PER SQUARE INCH
QTY	QUANTITY
RD	ROOF DRAIN
RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
RW	RECLAIMED WATER
RWL	RAINWATER LEADER
S, SK	SINK
SA	SHOCK ARRESTOR
SAN	SANITARY
SB	SERVICE BOX
SD	STORM DRAIN
SF	SQUARE FEET
SHT	SHEET
SOV	SHUT OFF VALVE
SP	SUMP PUMP, STATIC PRESSURE
SS	SANITARY SEWER
TEMP	TEMPERATURE
TP	TRAP PRIMER, TOTAL PRESSURE
TYP	TYPICAL
U, UR	URINAL
V	VACUUM, VENT, VOLT
VTR	VENT THRU ROOF
W/	WITH
W	WASTE
WC	WATER COLUMN, WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER, WALL HYDRANT
WHA	WATER HAMMER ARRESTOR
WSFU	WATER SUPPLY FIXTURE UNIT

General

	DEMOLISH
	EXISTING WORK
	NEW WORK
	PIPE OR CONDUIT BELOW GRADE
	CONTINUATION
XX-X LOCATION	EQUIPMENT IDENTIFICATION
X	FIXTURE TAG (LEVEL BELOW FIXTURE)
X	KEYED NOTE
	POINT OF CONNECTION

Piping Fittings

AP	ACCESS PANEL
	AQUASTAT
	BLIND FLANGE
	CAP
COTG	CLEANOUT TO GRADE
	CONCENTRIC REDUCER
DSN	DOWNSPOUT NOZZLE
	ECCENTRIC REDUCER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
	FLOW DIRECTION
	HOSE BIBB / WALL HYDRANT
OD	OVERFLOW ROOF DRAIN
	PIPE DROP
	PIPE RISE
	PUMP
RD	ROOF DRAIN
	SHOCK ABSORBER / WATER HAMMER ARRESTOR
	STRAINER
	T&P RELIEF VALVE WITH PIPE TO DRAIN
	TEE DOWN ON PIPE
	TEE UP ON PIPE
VTR	VENT THROUGH ROOF
WCO	WALL CLEANOUT

Piping Systems

	COLD WATER PIPING
D	CONDENSATE / INDIRECT DRAIN PIPING
GRW	GREYWATER
	HOT WATER PIPING
	HOT WATER RETURN PIPING
2#G	NATURAL GAS PIPING, 2 LB
G	NATURAL GAS PIPING, 7" WC PRESSURE
OD	OVERFLOW DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
	SANITARY VENT PIPING
	SANITARY WASTE OR SOIL PIPING ABOVE GRADE OR FINISHED FLOOR
	SANITARY WASTE OR SOIL PIPING BELOW GRADE OR FINISHED FLOOR
SD	STORM DRAIN PIPING ABOVE GRADE OR FINISHED FLOOR
SD	STORM DRAIN PIPING BELOW GRADE OR FINISHED FLOOR
TP	TRAP PRIMER PIPING

Valves

BFP	BACKFLOW PREVENTER
	CHECK VALVE
	SHUTOFF VALVE, GENERAL

GENERAL PLUMBING NOTES

A. CONDITIONS SHOW ON THE PLANS RELATIVE TO THE WORK TO BE PERFORMED ARE BASED ON THE BEST INFORMATION AVAILABLE AND SUBJECT TO VERIFICATION. VERIFY LOCATIONS AND ELEVATIONS OF UTILITIES TO BE CROSSED OR CONNECTED. CORRECT DEFICIENCIES CAUSED BY FAILURE TO PERFORM SUCH VERIFICATIONS AT NO EXPENSE TO OWNER. IMMEDIATELY NOTIFY ARCHITECT AND ENGINEER OF CONDITION IN CONFLICT WITH THE DETAILS/PLANS.

B. COORDINATE INSTALLATION OF PIPING, FIXTURES, EQUIPMENT AND THE LIKE BELOW AND ABOVE GRADE WITH STRUCTURAL COMPONENTS AND OTHER SYSTEMS INSTALLATION.

C. COORDINATE FIXTURES, EQUIPMENT, PIPE ROUGH-IN/CONNECTION LOCATIONS AND DRAIN LOCATIONS WITH ARCHITECTURAL DRAWINGS.

D. LOCATE VALVES FOR SERVICE ACCESSIBILITY. VALVES INSTALLED ABOVE CEILING SHALL BE WITHIN 18" OF CEILING.

E. SEE PLUMBING FIXTURE SCHEDULE FOR PIPE CONNECTION SIZES.

F. PROVIDE WATER HAMMER ARRESTERS TO DOMESTIC WATER LINES WITH QUICK ACTING VALVES SUCH AS THE FOLLOWING:
   a. FLUSH VALVES
   b. SENSOR FAUCETS
   c. SOLENOID VALVES TO ICE MAKERS AND CLOTHES WASHERS
   d. SINGLE HANDLE FAUCETS
   e. SINGLE HANDLE SHOWER VALVE
   f. SINGLE HANDLE TUB/SHOWER VALVE

G. EXCEPT FOR SHOWER DRAINS. ALL FLOOR DRAINS, FLOOR SINKS AND OTHER INDIRECT WASTE RECEPTORS SHALL BE PROVIDED WITH TRAP PRIMERS.

H. ALL WORK PERFORMED UNDER THIS CONTRACT SHALL CONFORM TO THE FOLLOWING CODES AND REGULATIONS AS APPLICABLE:

CALIFORNIA CODE OF REGULATIONS TITLE 8 - INDUSTRIAL REGULATIONS (CHAPTER 1).
CALIFORNIA CODE OF REGULATIONS TITLE 17 - PUBLIC HEALTH (CHAPTER 7).
CALIFORNIA CODE OF REGULATIONS TITLE 19 - PUBLIC SAFETY.
CALIFORNIA CODE OF REGULATIONS TITLE 21 - PUBLIC WORKS.
CALIFORNIA CODE OF REGULATIONS TITLE 22 - SOCIAL SECURITY.
CALIFORNIA CODE OF REGULATIONS TITLE 24 - PARTS 2, 3, 4, 5, AND 9.
CALIFORNIA CODE OF REGULATIONS TITLE 24 - ENERGY INSULATION STANDARDS.
2013 CALIFORNIA ADMINISTRATIVE CODE (CAC) - PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR).
2013 CALIFORNIA BUILDING CODE (CBC) - PART 2, TITLE 24, CCR. BASED ON THE 2012 INTERNATIONAL BUILDING CODE (IBC).
2013 CALIFORNIA ELECTRICAL CODE (CEC) - PART 3, TITLE 24, CCR. BASED ON T HE 2011 NATIONAL ELECTRICAL CODE (NEC).
2013 CALIFORNIA MECHANICAL CODE (CMC) - PART 4, TITLE 24, CCR. BASED ON THE 2012 UNIFORM MECHANICAL CODE (UMC).
2013 CALIFORNIA PLUMBING CODE (CPC) - PART 5, TITLE 24, CCR. BASED ON THE 2012 UNIFORM PLUMBING CODE (UPC).
2013 CALIFORNIA FIRE CODE (CFC) - PART 9, TITLE 24, CCR. BASED ON THE 2012 INTERNATIONAL FIRE CODE (IFC).
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS.
2013 EDITION OF N.F.P.A. # 13, FIRE SPRINKLERS.
2012 EDITION OF NFPA #99 HEALTH CARE FACILITIES

SHEET INDEX

P0.1	SYMBOLS LIST AND GENERAL NOTES - PLUMBING
P1.1	SITE PLAN - PLUMBING
P2.1	FIRST FLOOR PLAN ARF - PLUMBING
P3.1	TYPICAL FIRST FLOOR PLAN MHRC - PLUMBING

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COUNTY OF SAN MATEO
FOUNDED 1856

CORDILLERAS
REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

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NO	DESCRIPTION	DATE

ISSUANCE HISTORY - THIS SHEET

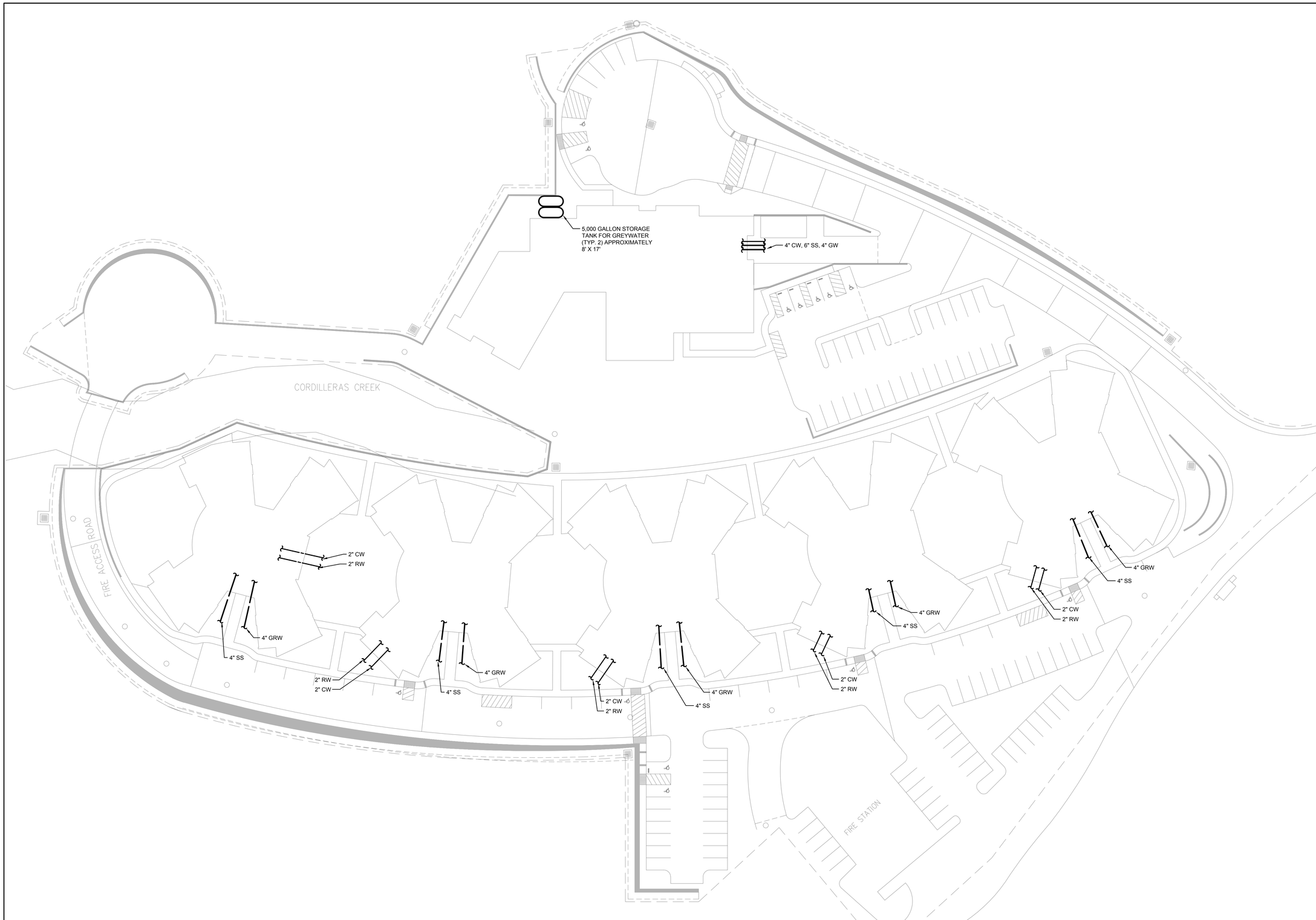
SYMBOLS LIST AND GENERAL NOTES - PLUMBING

DATE: September 30, 2015

SCHEMATIC DESIGN

P0.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION



1 SITE PLAN - PLUMBING

0 16' 32' 64'

SCALE: 1/32"=1'-0"

PROJECT 2015-0248
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SITE PLAN - PLUMBING

DATE: September 30, 2015

SCHEMATIC DESIGN

P1.1

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FILE: 0248P11.DWG – P1.1 | EDIT: 9/9/2015 5:24 PM BY JASONA | PLOT: 9/9/2015 5:25 PM BY JASON AUYEUNG

SHEET KEYNOTES

1 SEE CIVIL DRAWINGS FOR CONTINUATION.

1 FIRST FLOOR PLAN ARF - PLUMBING

0 4' 8' 16'

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

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FIRST FLOOR PLAN ARF - PLUMBING

DATE: September 30, 2015

SCHEMATIC DESIGN

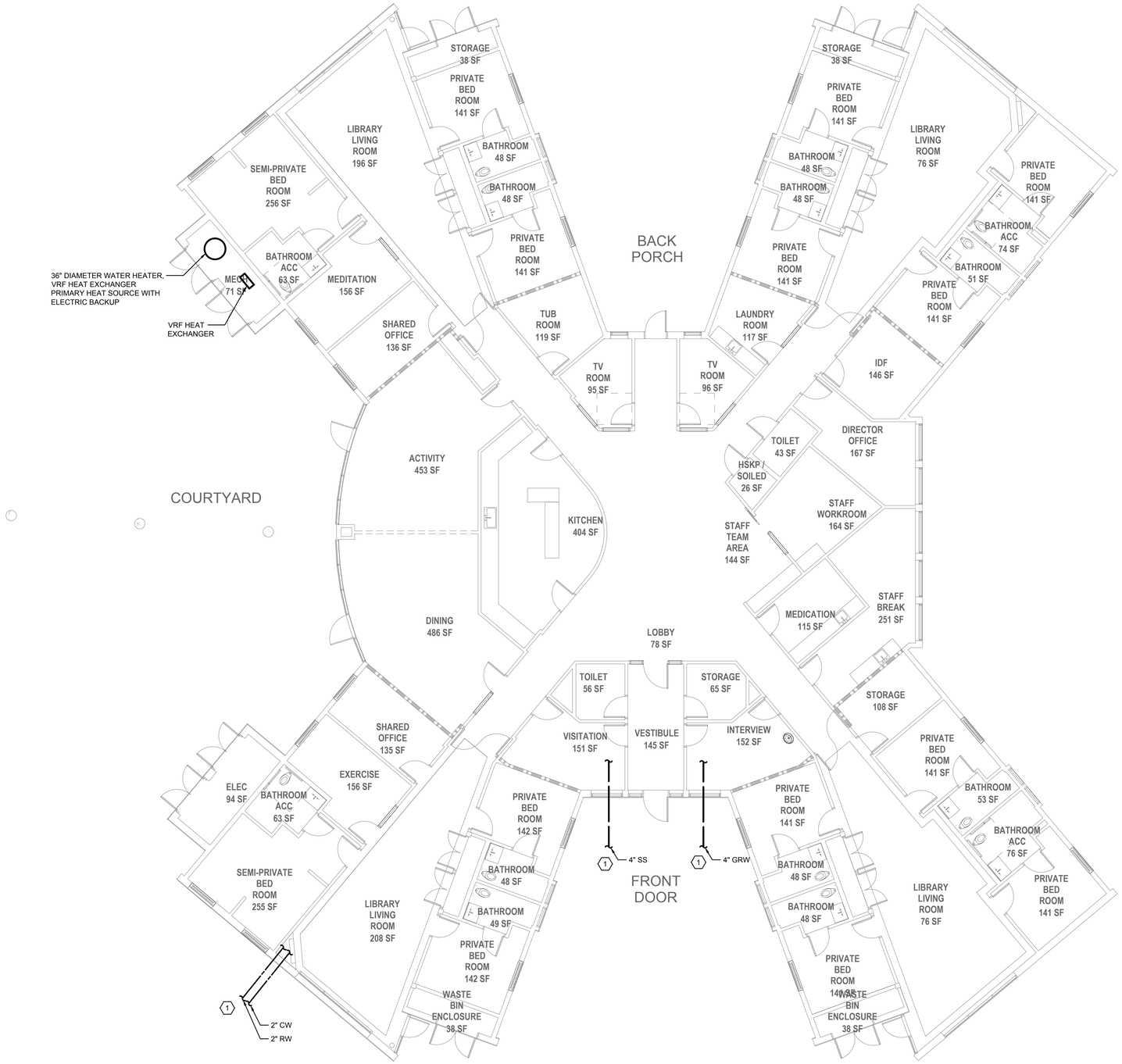
P2.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

FILE: 0248P21.DWG – P2.1 | EDIT: 9/9/2015 5:29 PM BY JASONA | PLOT: 9/9/2015 5:30 PM BY JASON AUYEUNG

SHEET KEYNOTES

1 SEE CIVIL DRAWINGS FOR CONTINUATION.



1 TYPICAL FIRST FLOOR PLAN MHRC - PLUMBING

0 4' 8' 16'

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

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TYPICAL FIRST FLOOR PLAN MHRC - PLUMBING

DATE: September 30, 2015

SCHEMATIC DESIGN

P3.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

ELECTRICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
(N)	NEW
A	AMPERES, AMBER
AFF	ABOVE FINISHED FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE INTERRUPTING CAPACITY
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BC	BARE COPPER
C	CONDUIT, CLOSE, CONTROL
CB	CIRCUIT BREAKER
COM	COMMUNICATION
COORD	COORDINATE
CT	CURRENT TRANSFORMER
CU	COPPER
DIA	DIAMETER
DN	DOWN
DWG	DRAWING
E	EMERGENCY
EF	EXHAUST FAN
EMT	ELECTRICAL METALLIC TUBING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FS	FLOAT SWITCH
FT	FOOT, FEET
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
GRC	GALVANIZED RIGID STEEL CONDUIT
HH	HANDHOLE
HT	HEIGHT
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
IN	INCH, INCHES
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LV	LOW VOLTAGE
M	MOTOR
MCA	MINIMUM CIRCUIT AMPS
MDP	MAIN DISTRIBUTION PANEL
MH	MANHOLE, MAINTENANCE HOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MOCP	MAXIMUM OVERCURRENT PROTECTION
MSB	MAIN SWITCHBOARD
MT, MTD	MOUNT, MOUNTED
N.I.C.	NOT IN CONTRACT
N/A	NOT APPLICABLE
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OS	OCCUPANCY SENSOR
PB	PUSHBUTTON, PULLBOX
PH	PHASE
PNL	PANEL
PVC	POLY-VINYL-CHLORIDE
QTY	QUANTITY
REF	REFERENCE
REQD	REQUIRED
RM	ROOM
RSC/PVC	RIGID STEEL CONDUIT, PVC COATED
RSC	RIGID STEEL CONDUIT
SPD	SURGE PROTECTION DEVICE
ST	SHUNT TRIP
SWBD	SWITCHBOARD
TBD	TO BE DETERMINED
TYP	TYPICAL
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
VAV	VARIABLE AIR VOLUME BOX
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE, WHITE
WP	WEATHERPROOF

Connections / Equipment

- VFD — COMBINATION ADJUSTABLE FREQUENCY DRIVE WITH SAFETY DISCONNECT SWITCH
- F — HEAVY DUTY FUSED DISCONNECT SWITCH
- J OR J — JUNCTION BOX
- J — WALL-MOUNTED JUNCTION BOX
- M — MOTOR CONNECTION
- N — NON-FUSED DISCONNECT SWITCH
- T — TRANSFORMER

General

- EXISTING WORK
- NEW WORK
- X / X — DETAIL NUMBER AND SHEET LOCATION
- XX-X / LOCATION — EQUIPMENT IDENTIFICATION
- XX — FOOD SERVICE EQUIPMENT / CALCULATION TAG
- 1 — KEYED NOTE
- POINT OF CONNECTION
- A / XXX — SECTION NUMBER AND SHEET LOCATION

Miscellaneous

- #10 / B-27,29,31. — BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS. LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH YELLOW STRIPE) CONDUCTOR.
- BRANCH PANEL
- FLUSH WALL MOUNTED BRANCH PANEL
- GROUNDING POINT
- MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL

Raceways

- CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED PLASTIC BUSHING
- EXISTING CONDUIT CONCEALED IN WALL OR CEILING SPACE
- EXISTING CONDUIT ROUTED BELOW FLOOR / GRADE

Switches and Receptacles

- DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS)
  - A = ABOVE COUNTER
  - B = CLOCK HANGER
  - C = FLUSH CEILING MOUNTED
  - E = EMERGENCY
  - F = ARC FAULT PROTECTED BY BREAKER IN PANEL
  - G = GROUND FAULT CIRCUIT INTERRUPTER
  - H = HOSPITAL GRADE
  - K = CHILD RESISTANT COVER
  - L = ISOLATED GROUND
  - P = PENDANT MOUNTED WITH CORD GRIPS. VERIFY PENDANT LENGTH
  - R1 = HALF SWITCHED BY OCCUPANCY SENSOR RELAY
  - R2 = FULLY SWITCHED BY OCCUPANCY SENSOR RELAY
  - S = SPLIT WIRED
  - T = TAMPER RESISTANT SHUTTERED RECEPTACLE
  - W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE
- DUPLEX RECEPTACLE, FLUSH FLOOR
- DOUBLE DUPLEX RECEPTACLE. SEE LETTER CODE LIST AT DUPLEX RECEPTACLE FOR OPTIONS
- SINGLE RECEPTACLE, FLUSH FLOOR
- SINGLE RECEPTACLE. SEE LETTER CODE LIST AT DUPLEX RECEPTACLE FOR OPTIONS
- EQUIPMENT ELECTRICAL CONNECTION
- SPECIAL PURPOSE RECEPTACLE. LETTER CODE DENOTES RECEPTACLE CONFIGURATION
  - LX-XXR = NEMA CONFIGURATION TWIST-LOCK RECEPTACLE
  - X-XXR = NEMA CONFIGURATION STRAIGHT BLADE RECEPTACLE
  - P = PENDANT MOUNT WITH CORD GRIPS. VERIFY PENDANT LENGTH
  - X = COORDINATE RECEPTACLE CONFIGURATION WITH EQUIPMENT BEING SUPPLIED
- P — PENDANT RECEPTACLE WITH CORD GRIPS. VERIFY PENDANT LENGTH. SEE LETTER CODE LIST AT DUPLEX RECEPTACLE FOR OPTIONS
- OS — CEILING MOUNTED OCCUPANCY SENSOR
  - P = PASSIVE INFRARED
  - D = DUAL TECHNOLOGY
  - U = ULTRASONIC, 360 DEG RANGE
  - H = ULTRASONIC, HALLWAY PATTERN
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- OS — WALL MOUNTED OCCUPANCY SENSOR
  - P = PASSIVE INFRARED
  - D = DUAL TECHNOology
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- SS — WALL MOUNTED OCCUPANCY SENSOR/SWITCH
  - S = PASSIVE INFRARED WITH INTEGRAL "OFF" SWITCH
  - T = DUAL RELAY PASSIVE INFRARED WITH TWO INTEGRAL "OFF" SWITCHES
  - D = PASSIVE INFRARED WITH INTEGRAL DIMMER TO OFF.
  - v (LOWERCASE) = VACANCY CONTROL DESIGNATION
- MULTIPLE CHANNEL SURFACE METAL RECEPTACLE RACEWAY WITH LOW VOLTAGE DIVIDERS, LENGTH AND RECEPTACLES AS INDICATED
- PHOTO ELECTRIC SWITCH
  - D = CONTINUOUS DIMMING PHOTOCELL
  - S = SWITCHED PHOTOCELL
- $ — SINGLE POLE SWITCH
  - 2 = DOUBLE POLE SWITCH
  - 3 = THREE-WAY SWITCH
  - 4 = FOUR-WAY SWITCH
  - a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION
  - D = DIMMER
  - F = FAN SPEED CONTROL
  - K = KEY OPERATED SWITCH
  - L = LIGHTED HANDLE
  - M = MANUAL MOTOR STARTER WITH THERMAL OVERLOAD
  - P = SWITCH WITH PILOT LIGHT
  - S = SENTRY SWITCH
  - T = INTERVAL TIMER
  - W = WEATHERPROOF SWITCH
  - V = LOW VOLTAGE SWITCH

GENERAL ELECTRICAL NOTES

A. DO NOT COMMENCE INSTALLATION OF ELECTRICAL SYSTEMS AND EQUIPMENT WITHOUT RELATED SHOP DRAWING APPROVALS.

B. PROVIDE SUITABLE ANCHORAGE AND SUPPORT FOR ELECTRICAL EQUIPMENT IN RATED WALLS, SLABS AND CEILINGS. MOUNT DEVICES AND RACEWAYS IN ACCORDANCE WITH ESTABLISHED CODES AND SPECIFICATIONS.

C. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

D. DRAWINGS AND SPECIFICATIONS COMPLIMENT EACH OTHER. REQUIREMENT BY EITHER INFERS REQUIREMENT BY BOTH.

E. CONNECT EQUIPMENT AND DEVICES FURNISHED UNDER OTHER DIVISIONS OF THIS CONTRACT, BY OWNER OR BY OTHER CONTRACTS.

F. UNLESS OTHERWISE NOTED, PROVIDE CONCEALED AND FLUSH MOUNTED INSTALLATION OF DEVICES AND EQUIPMENT IN AREAS.

G. PROVIDE SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN 120 VOLT, MULTI-WIRE CIRCUITS.

H. FOR 120 VOLT, 20 AMP CIRCUITS, WHERE CIRCUIT DISTANCE FROM PANELBOARD TO FARTHEST DEVICE/FIXTURE EXCEEDS 75 FEET, PROVIDE #10 SIZE CONDUCTOR.

I. RUN ELECTRICAL CONDUIT CONCEALED AND PARALLEL TO BUILDING LINES. VERIFY WITH ARCHITECT.

J. RECEPTACLE OUTLETS SHALL COMPLY WITH CEC SECTION 210.7.

K. LIGHTS, SWITCHES AND CONTROL MECHANISMS SHALL COMPLY WITH CEC SECTION 404.

L. BRACE ELECTRICAL EQUIPMENT TO RESIST A HORIZONTAL FORCE THAT ACT IN ANY DIRECTION. COMPLY WITH TITLE 24 REQUIREMENTS.

M. INSTALL COMPLETE SYSTEM OF CONDUCTORS IN RACEWAY SYSTEM THROUGHOUT BUILDING FOR FEEDERS, BRANCH CIRCUITS, ETC.

N. INSTALLATION OF UTILITY TRANSFORMER, UTILITY SERVICE CONDUITS, VAULTS, GROUNDING, ETC., SHALL BE VERIFIED AND COORDINATED WITH UTILITY COMPANY PRIOR TO INSTALLATION. ALL WORK SHALL CONFORM WITH ALL UTILITY COMPANY RULES, REGULATIONS, AND STANDARDS. THE PROPOSED UTILITY COMPANY TRANSFORMER LOCATION, SERVICE FEEDER ROUTING, VAULT LOCATION AND SIZE ARE SUBJECT TO UTILITY COMPANY ENGINEERING, REVIEW AND APPROVAL. AT THE TIME OF THE ISSUANCE OF THESE DOCUMENTS, THIS ENGINEERING HAS NOT BEEN COMPLETED. CONTRACTOR SHALL COORDINATE AND VERIFY ALL THE NECESSARY UTILITY REQUIREMENTS FOR THIS PROJECT WITH UTILITY COMPANY PRIOR TO COMMENCING WORK.

O. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONDUIT TRENCHING WITH OTHER DISCIPLINES AND THE UTILITY COMPANY TO AVOID CONFLICT.

P. MINIMUM SIZE FOR EXTERIOR BELOW GRADE CONDUIT SHALL BE 1".

Q. PROVIDE A TRANSPARENT, INSULATED, INNER DOOR AS A SAFETY BARRIER IN FRONT OF THE TERMINATION SECTION FOR ALL MEDIUM VOLTAGE SWITCHBOARDS AS REQUIRED BY PG&E. DOOR CONSTRUCTION SHALL COMPRISE OF A SOLID PIECE OF CLEAR ACRYLIC THAT IS 1/4" THICK AND RESISTANT TO DAMAGE BY IMPACT OR PUNCTURE. ENSURE THE ACRYLIC IS RATED FOR THE VOLTAGE SERVED. SAFETY DOOR SHALL EXTEND A MINIMUM OF 10" BELOW THE TERMINATING BUS AND MUST COVER ALL ENERGIZED PARTS ON THE SWITCHBOARD. THE ACRYLIC DOOR MUST BE OPERABLE WITH HINGES ON ONE SIDE, AND A HANDLE AND PROVISIONS TO SECURE THE DOOR IN THE OPEN AND CLOSED POSITIONS ON THE OPPOSITE SIDE.

R. DRY-TYPE TRANSFORMERS LARGER THAN 112.5KVA ARE SPECIFIED IN COMPLIANCE WITH CEC 450.21(B) EXCEPTIONS 1 AND 2. THE 1-HOUR FIRE RATING REQUIREMENT FOR THE ROOM HOUSING THE TRANSFORMER SHALL BE EXEMPT.

S. OCCUPANCY SENSOR NOTES:

1. WALL SENSORS
   a. SENSOR MUST HAVE CLEAR "VIEW" OF OCCUPANTS. WHERE SENSOR WILL BE BLOCKED, SUBSTITUTE WITH SMALL-ROOM CEILING SENSOR.
2. SEE MANUFACTURER'S SPECIFICATION REGARDING PLACING SENSORS AWAY FROM STRONG AIR-FLOW. INDICATE PRECISE LOCATION OF EACH CEILING SENSOR WHERE DRAWINGS INDICATE AIR SUPPLIES.
3. IN INDIVIDUAL ROOMS WITH CEILING SENSORS AND DUAL-LEVEL LIGHTING, ASSUME TWO TOGGLE SWITCH OVERRIDES PER ROOM.
4. PRIOR TO INSTALLATION, RECEIVE FACTORY-TRAINING AND LAYOUT-ASSISTANCE. IF LOCAL AGENT CHANGES LIGHTING DRAWINGS, CONTACT FACTORY REPRESENTATIVE.

T. PROVIDE DESIGN BUILD FIRE ALARM SYSTEM. SUBMIT COMPLETE DRAWINGS TO THE FIRE MARSHAL FOR APPROVAL AND ASSUME FULL RESPONSIBILITY OF THE SYSTEM, DEVICE QUANTITY AND LOCATION, WIRING, PROGRAMMING AND CONTROL PANELS. COORDINATE FINAL DEVICE LOCATIONS WITH THE ARCHITECT PRIOR TO ROUGH-IN.

U. PROVIDE ALL BACKBOXES, FLOOR BOXES, FLOOR TRENCH DUCT, GROUNDING SYSTEM, PULL BOXES, CONDUITS AND CABLE TRAYS PER TELECOM/AV/SECURITY DRAWINGS AND SPECIFICATIONS. REFER TO TELECOM/AV/SECURITY DRAWINGS FOR QUANTITY AND LOCATIONS. PROVIDE ALL APPURTENANCES FOR A COMPLETE INSTALLATION.

V. THIS PROJECT IS A DESIGN-BUILD PROJECT. THE ACCOMPANYING DOCUMENTS ARE MEANT TO PORTRAY THE DESIGN INTENT AND QUALITY OF MATERIALS. NOT ALL SYSTEMS ARE SIZED OR DOCUMENTED. IT WILL BE THE RESPONSIBILITY OF EACH TRADE TO TAKE THE DESIGN INTENT, COMPLETE ALL CALCULATIONS FOR LOADS, EQUIPMENT SIZING, DUCT SIZING, AND PIPE SIZING, AND TO CREATE COMPLETE AND COORDINATED CONSTRUCTION DOCUMENTS AND PERMITTING DOCUMENTS. THE CONTRACTOR WILL BE THE ENGINEER OF RECORD FOR THE PROJECT. THE CONTRACTOR WILL BE EXPECTED TO ATTEND ALL REQUIRED COORDINATION AND DESIGN MEETINGS (ON A WEEKLY BASIS OR MORE) AS STIPULATED BY THE ARCHITECT AND OWNER. ALL CONTRACTORS WILL BE REQUIRED TO COORDINATE ROUTING OF ALL THEIR RESPECTIVE UTILITIES AND CREATE COMPOSITE COORDINATED CONSTRUCTION DOCUMENTS TO BE SENT TO THE ARCHITECT FOR REVIEW. PRIOR TO SUBMISSION FOR REVIEW, THE CONTRACTORS SHALL STAMP ALL DRAWINGS AS "COORDINATED WITH ALL TRADES" WITH A SIGNATURE FROM EACH TRADES' PROJECT MANAGER.

SHEET INDEX

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E2.1	FIRST FLOOR PLAN ARF - ELECTRICAL
E2.2	SECOND FLOOR PLAN ARF - ELECTRICAL
E2.3	THIRD FLOOR PLAN ARF - ELECTRICAL
E3.1	TYPICAL FIRST FLOOR PLAN MHRC - ELECTRICAL
E4.1	ENLARGED PLANS - ELECTRICAL
E5.1	SINGLE LINE DIAGRAM - ELECTRICAL

PROJECT 2015-0248
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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE
	100% SD	09-25-2015

ISSUANCE HISTORY - THIS SHEET

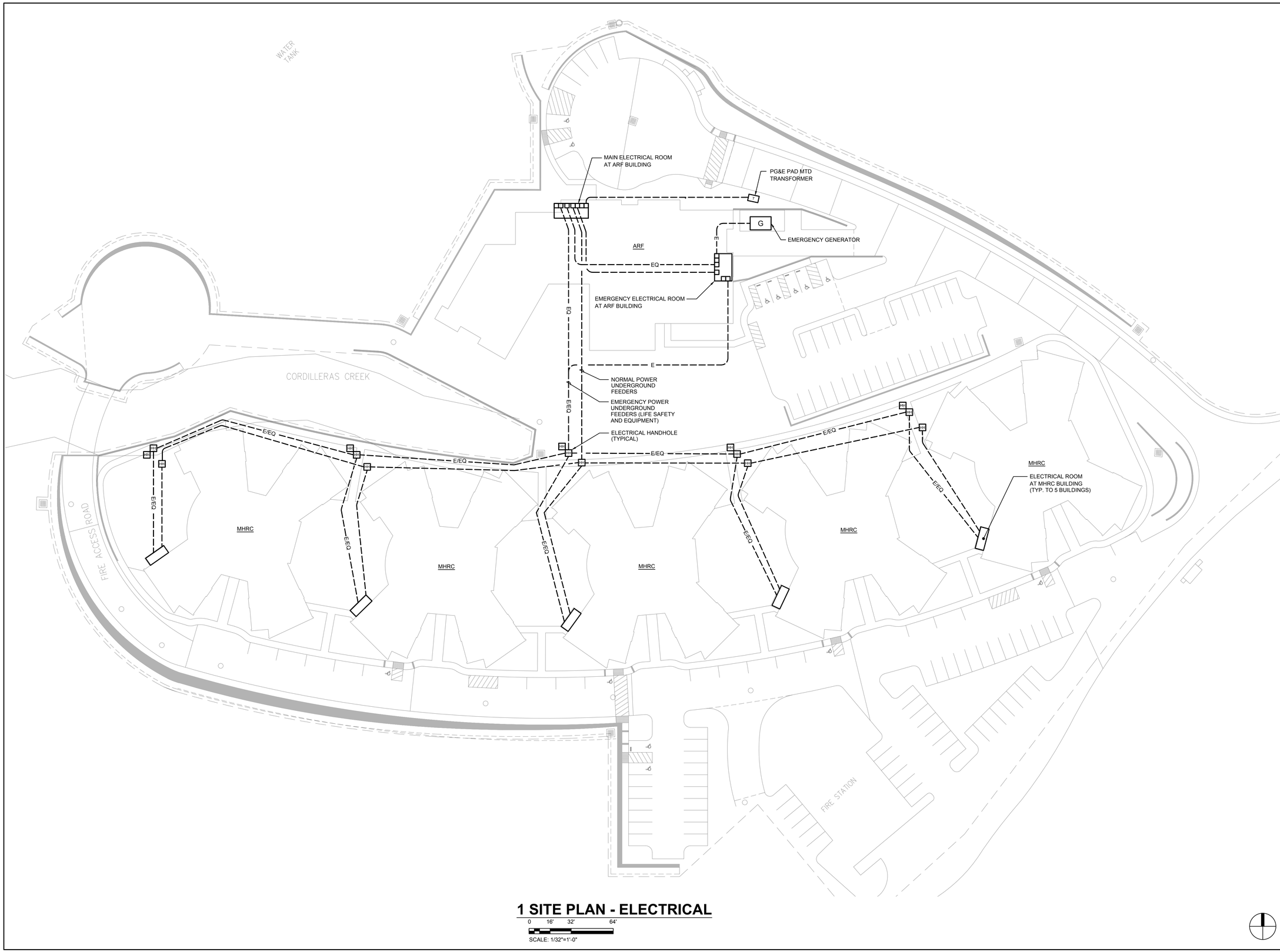
SYMBOLS LISTS AND GENERAL NOTES - ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

E0.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION



1 SITE PLAN - ELECTRICAL

0 16' 32' 64'

SCALE: 1/32"=1'-0"

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SITE PLAN - ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

E1.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

1 FIRST FLOOR PLAN ARF - ELECTRICAL

0 4' 8' 16'

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

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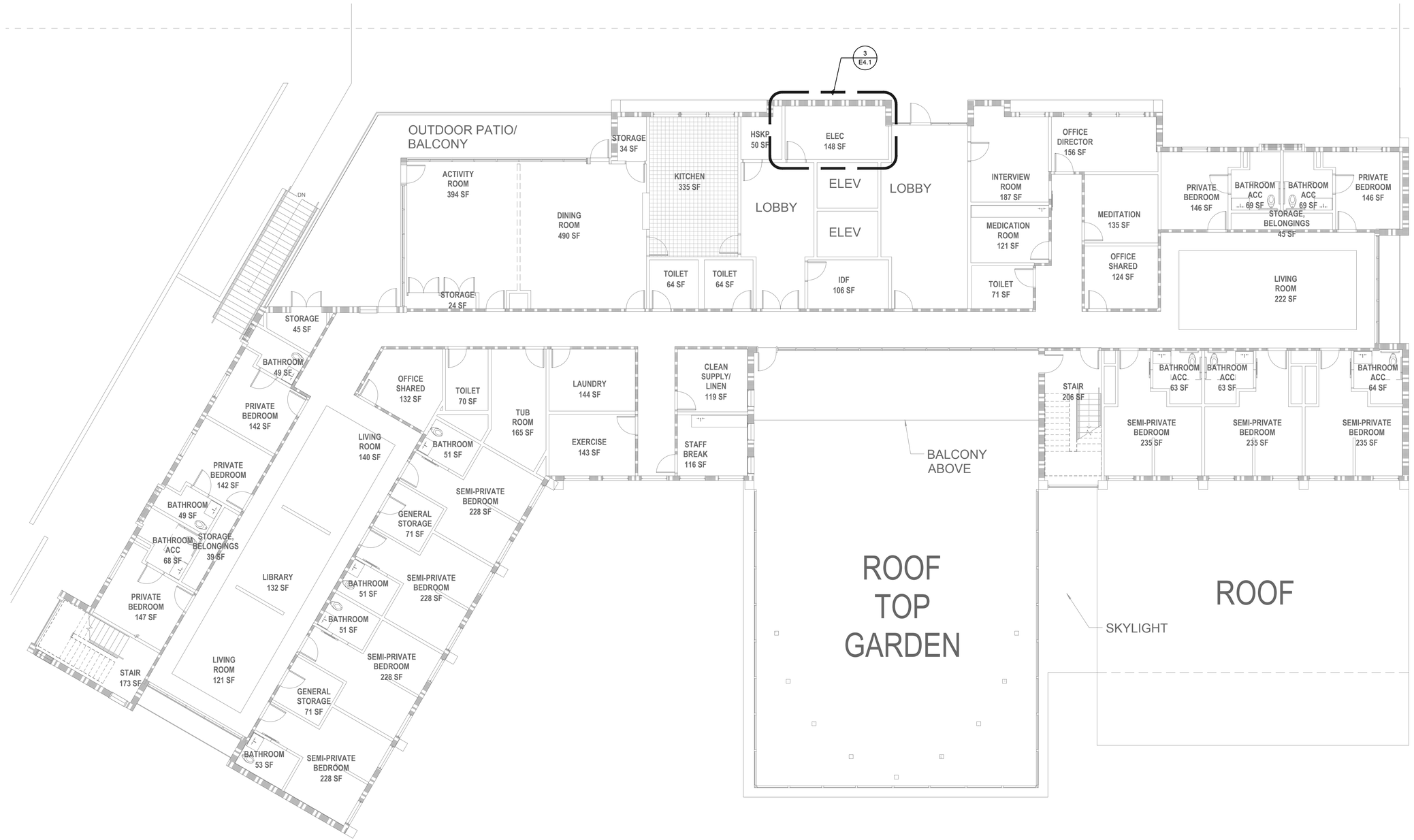
FIRST FLOOR
PLAN ARF -
ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

E2.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION



1 SECOND FLOOR PLAN - ELECTRICAL

0 4' 8' 16'

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

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SECOND FLOOR PLAN ARF - ELECTRICAL

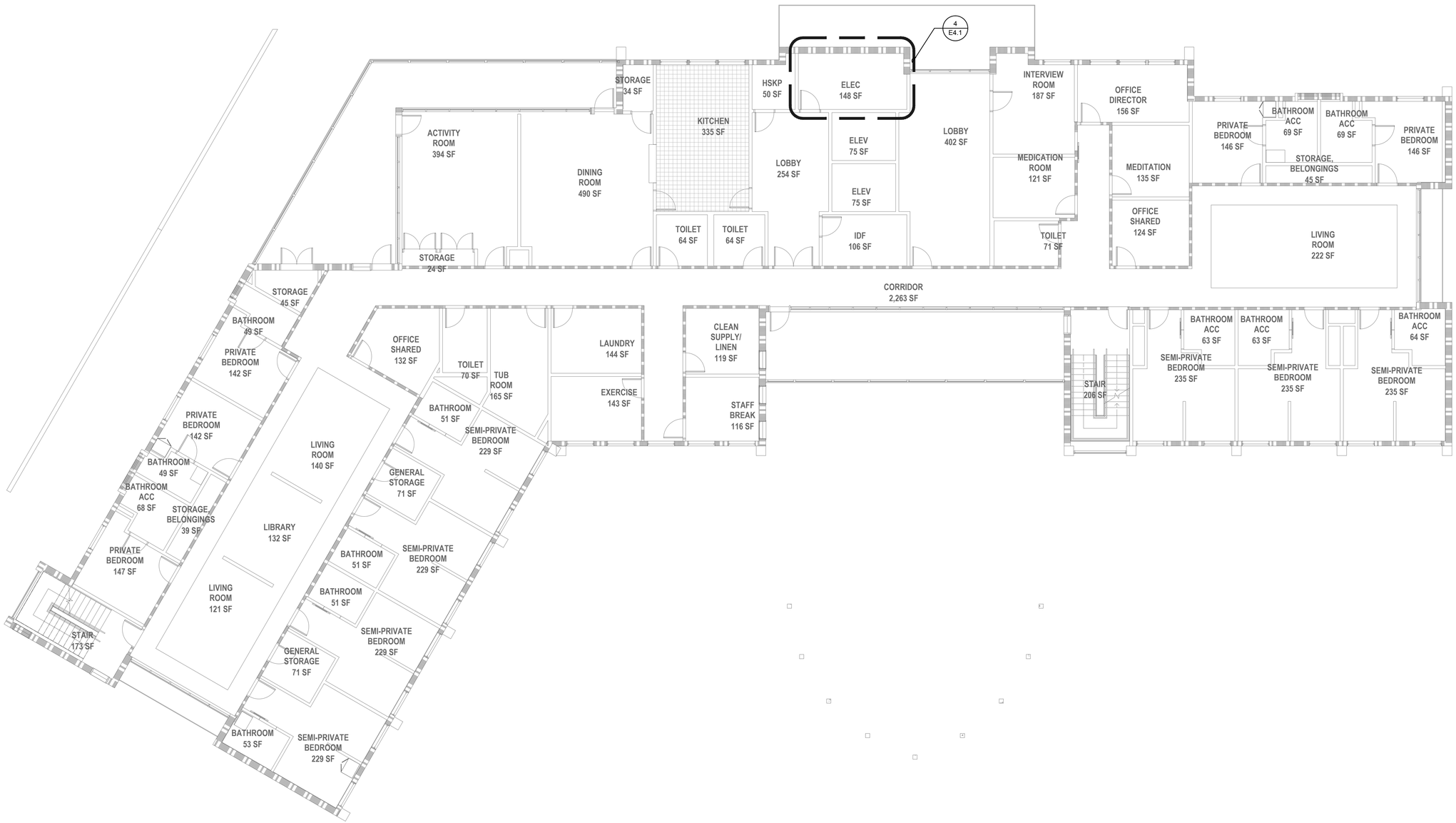
DATE: September 30, 2015

SCHEMATIC DESIGN

E2.2

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

FILE: 0248E22.DWG – E2.2 | EDIT: 9/1/2015 8:23 PM BY HAOYANH | PLOT: 9/25/2015 1:47 PM BY HAOYAN HUANG



1 THIRD FLOOR PLAN - ELECTRICAL

0 4' 8' 16'

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

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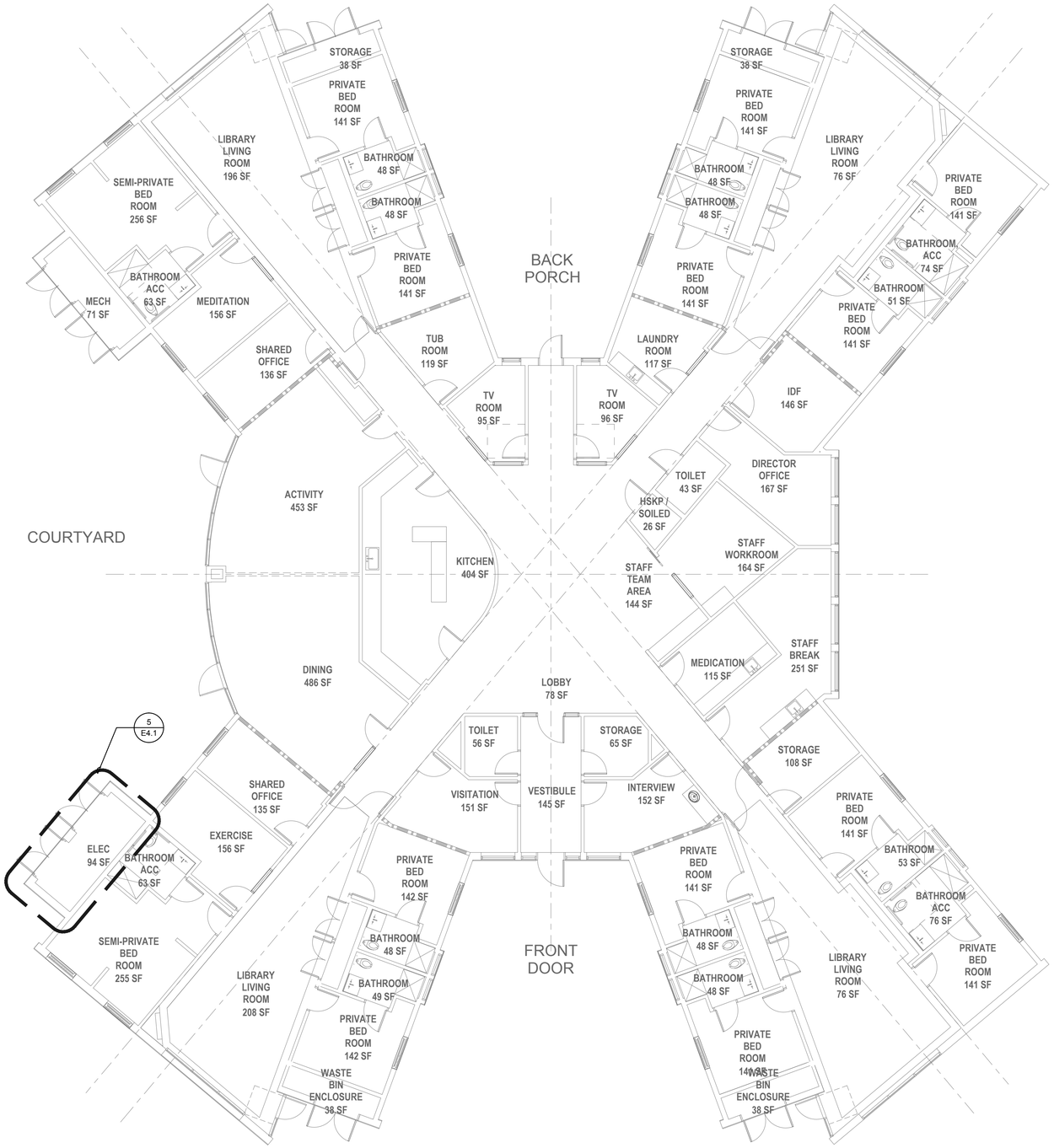
THIRD FLOOR PLAN - ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

E2.3

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION



1 TYPICAL FIRST FLOOR PLAN MHRC - ELECTRICAL

0 4' 8' 16'

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

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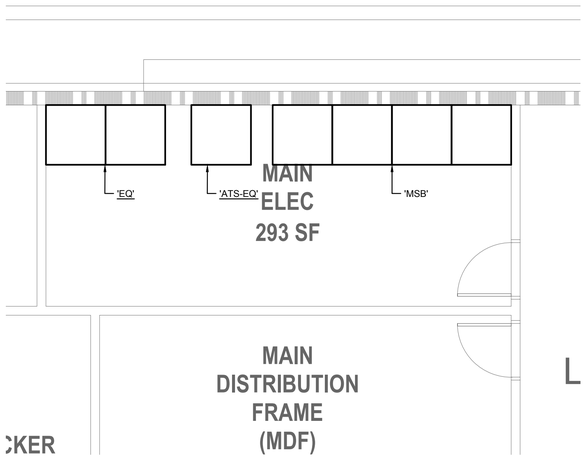
TYPICAL FIRST FLOOR PLAN MHRC - ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

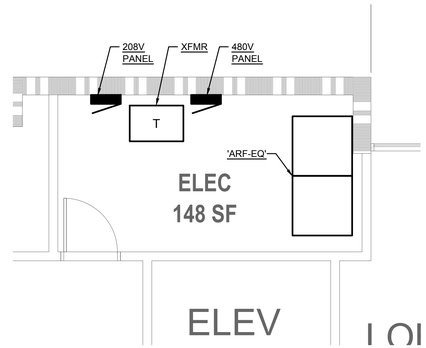
E3.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION



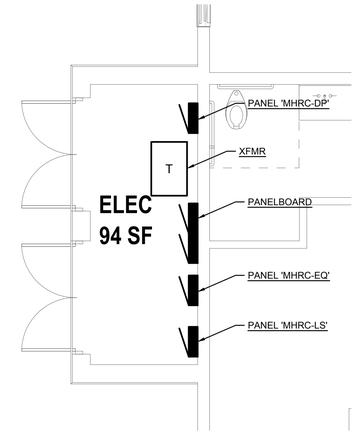
1 ENLARGED MAIN ELECTRICAL ROOM

0 2' 4' 8'
SCALE: 1/4"=1'-0"



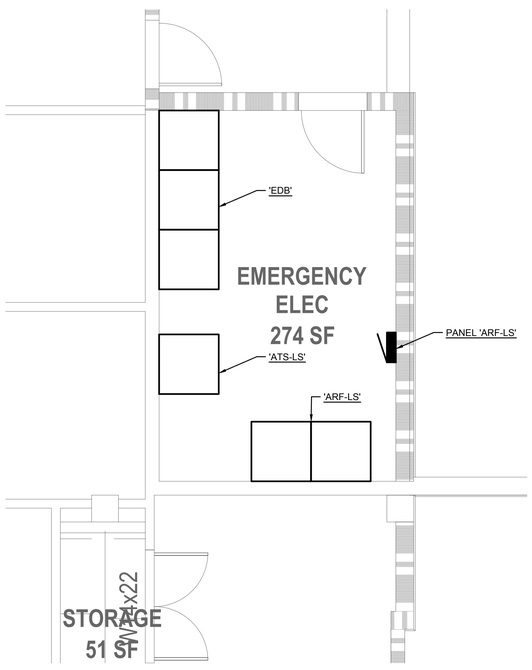
3 ENLARGED 2ND FLOOR ELECTRICAL ROOM

0 2' 4' 8'
SCALE: 1/4"=1'-0"



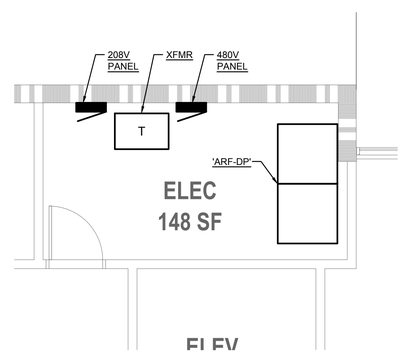
5 ENLARGED TYPICAL MHRC ELECTRICAL ROOM

0 2' 4' 8'
SCALE: 1/4"=1'-0"



2 ENLARGED EMERGENCY ELECTRICAL ROOM

0 2' 4' 8'
SCALE: 1/4"=1'-0"



4 ENLARGED 3RD FLOOR ELECTRICAL ROOM

0 2' 4' 8'
SCALE: 1/4"=1'-0"

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ISSUANCE HISTORY - THIS SHEET

ENLARGED
PLAN -
ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

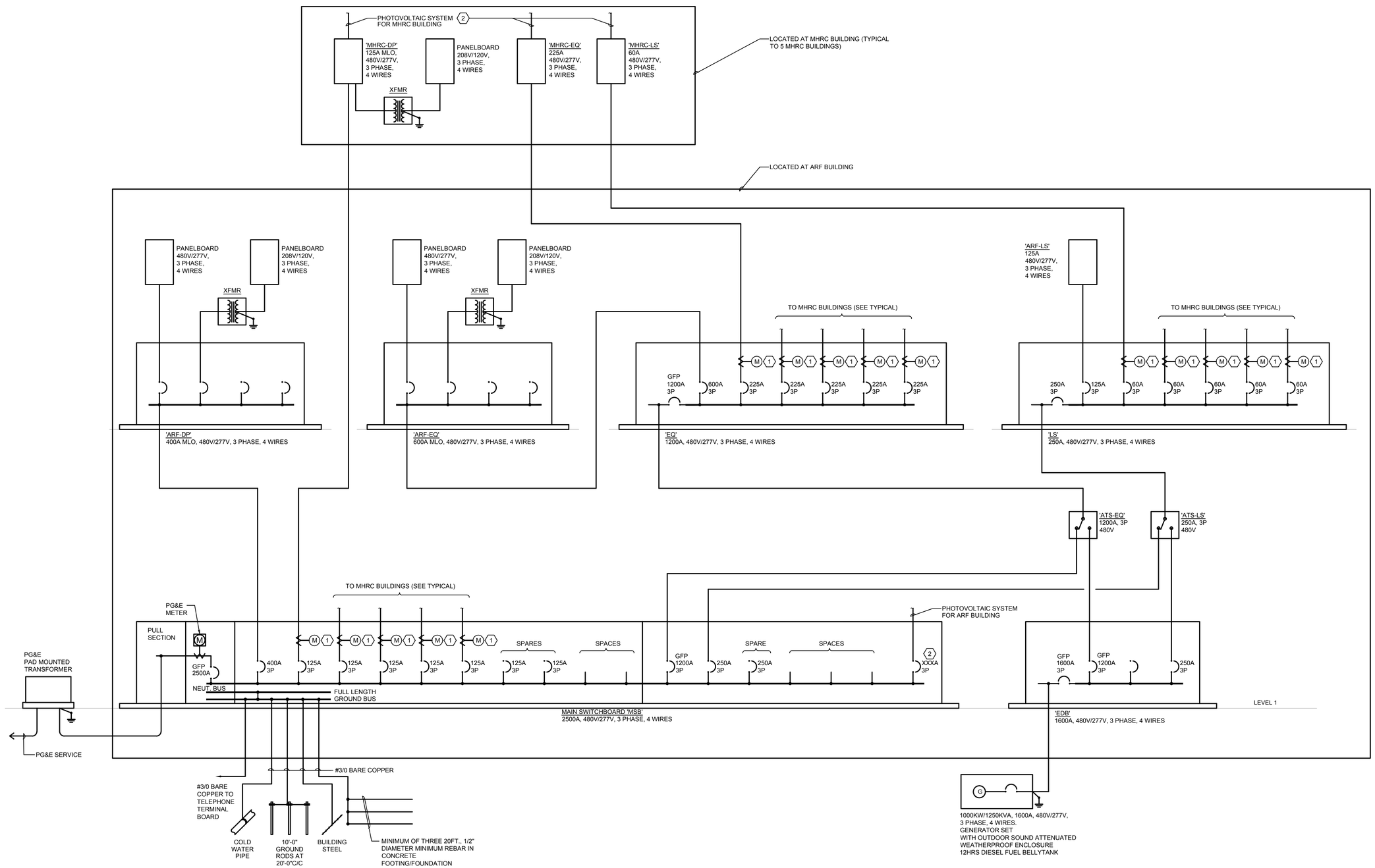
E4.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

SHEET KEYNOTES

1 IN HOUSE METERING.

2 CIRCUIT BREAKER SIZE AS REQUIRED.



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ISSUANCE HISTORY - THIS SHEET

SINGLE LINE DIAGRAM - ELECTRICAL

DATE: September 30, 2015

SCHEMATIC DESIGN

E5.1

100% SCHEMATIC DESIGN - NOT FOR CONSTRUCTION

TECHNOLOGY SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

(E)	EXISTING
AFF	ABOVE FINISHED FLOOR
ANMW	GEL-FILLED UNDERGROUND CABLE
ATS	AUTOMATIC TRANSFER SWITCH
AV	AUDIO VISUAL
BC	BARE COPPER
C	CONDUIT
CAT	CATEGORY
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
CNTL	CONTROL
COAX	COAXIAL
COM	COMMUNICATION
CPT	CONTROL POWER TRANSFORMER
CR	CONTROL RELAY
CT	CURRENT TRANSFORMER
E	EMERGENCY
EA	EACH
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FDU	FIBER OPTIC DISTRIBUTION UNIT
FT	FOOT, FEET
GRC	GALVANIZED RIGID STEEL CONDUIT
HH	HANDHOLE
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT
IN	INCH, INCHES
IT	INFORMATION TECHNOLOGY
LAN	LOCAL AREA NETWORK
LC	FIBER OPTIC CONNECTOR
LV	LOW VOLTAGE
M	MOTOR
MATV	MASTER ANTENNA TELEVISION
MDF	MAIN DISTRIBUTION FRAME
MISC	MISCELLANEOUS
MSB	MAIN SWITCHBOARD
MTS	MANUAL TRANSFER SWITCH
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OSP	OUTSIDE PLANT
PBX	PRIVATE BRANCH EXCHANGE
PNL	PANEL
POE	POWER OVER ETHERNET
PTZ	PAN, TILT, ZOOM
PVC	POLY-VINYL-CHLORIDE
QTY	QUANTITY
RFI	REQUEST FOR INFORMATION
RM	ROOM
SC	FIBER OPTIC CONNECTOR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TELE	TELEPHONE
TGB	TELECOMMUNICATIONS GROUNDING BUS BAR
TTB	TELEPHONE TERMINAL BOARD
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTABLE POWER SUPPLY
W/	WITH
W/O	WITHOUT
W	WIRE, WHITE
WAN	WIDE AREA NETWORK
WAO	WORK AREA OUTLET
WAP	WIRELESS ACCESS POINT
WI-FI	WIRELESS FIDELITY
WP	WEATHERPROOF

Audio/Video

AUDIO-VIDEO OUTLET WITH 5-SQUARE RANDL BOX, SINGLE-GANG ADAPTER PLATE AND 1-1/4" CONDUIT TO ACCESSIBLE CEILING SPACE UON. (SEE A-V OUTLET SCHEDULE FOR CABLE AND CONNECTIVITY REQUIREMENTS.)
A = ABOVE COUNTER
C = FLUSH CEILING WITH 1-1/4" CONDUIT TO LOCATION SHOWN ON FLOOR PLANS

CEILING MOUNTED PROJECTOR BRACKET, OFCI.

FLUSH MOUNTED AUDIO REINFORCEMENT SPEAKER IN CEILING.

SURFACE MOUNTED AUDIO REINFORCEMENT SPEAKER ON WALL

Equipment

2-POST EQUIPMENT RACK

DOUBLE-SIDED VERTICAL WIRE MANAGEMENT

MAJOR EQUIPMENT, CABINETS OR PANELS

General

DEMOLISH

Paging/Intercom

BUILDING INTERCOM CALL BUTTON WITH 3/4"C. AND PULL STRING TO ACCESSIBLE CEILING SPACE. MOUNT 48" AFF.

CEILING SPEAKER

SPEAKER VOLUME CONTROL WITH 3/4"C. AND PULL STRING TO ACCESSIBLE CEILING SPACE. MOUNT 48" AFF.

WALL MOUNTED SECONDARY CLOCK. COORDINATE MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS. "D" DENOTES DOUBLE SIDED.

WALL MOUNTED SPEAKER WITH 1"C. TO ACCESSIBLE CEILING SPACE. HEIGHT AS INDICATED.

Raceways

CABLE RUNWAY, WIDTH AS INDICATED

CONDUIT AND CONDUCTORS ABOVE GRADE

CONDUIT AND CONDUCTORS BELOW GRADE OR SLAB

CONDUIT DOWN

CONDUIT SLEEVE

CONDUIT UP

CONDUIT/WIRING CONTINUATION

FLEXIBLE CONDUIT

HH HANDHOLE

PB PULL BOX

VT TELECOMMUNICATIONS VAULT

TELEPHONE BACKBOARD

Reference Symbols

1 / XXX — DETAIL NUMBER AND SHEET LOCATION

1 — KEYED NOTES

A / XXX — SECTION NUMBER AND SHEET LOCATION

Telecommunications

1-1/4" RACEWAY WITH SINGLE-GANG ADAPTER PLATE AND A/V CABLING.

TELEPHONE OUTLET WITH (1) CAT6 CABLE TO NEAREST MDF/IDF AND 3/4" C. TO ACCESSIBLE CEILING SPACE.

STANDARD COMMUNICATIONS OUTLET WITH (2) CAT6 CABLE(S) TO NEAREST MDF/IDF AND 1"C. TO ACCESSIBLE CEILING SPACE.

(X)
ALTERNATE COMMUNICATIONS OUTLET (X):
A = ABOVE COUNTER WITH (2) CAT6 CABLE(S) TO NEAREST MDF/IDF AND 1"C. TO ACCESSIBLE CEILING SPACE.
B = WITH (6) CAT6 CABLE(S) TO NEAREST MDF/IDF AND 1"C. TO ACCESSIBLE CEILING SPACE, DOUBLE-GANG ADAPTER PLATE REQUIRED.
C = SINGLE GANG BOX, FLUSH IN CEILING, MOUNTED TO TILE BRIDGE WITH (2) CAT6 CABLE(S) TO NEAREST MDF/IDF.
E = WITH (4) CAT6 CABLE(S) TO NEAREST MDF/IDF AND 1"C. TO ACCESSIBLE CEILING SPACE
T = TAMPER RESISTANT WITH (3) CAT6 CABLE(S) TO NEAREST MDF/IDF AND 1"C. TO ACCESSIBLE CEILING SPACE.
V = OUTLET WITH (1) CAT6 CABLE TO NEAREST MDF/IDF FOR IP CAMERA.
W= LOCATION FOR FLUSH MOUNT WIRELESS ACCESS POINT OUTLET WITH (1) CAT6 CABLE TO NEAREST MDF/IDF AND 1"C. ACCESSIBLE CEILING SPACE, UON.

FLUSH FLOOR COMBINATION COMMUNICATIONS OUTLET WITH (2) UL LISTED, GEL-FILLED CAT6 CABLE(S) AND 1" UNDER SLAB CONDUIT TO NEAREST MDF/IDF, UON.

POKE-THRU COMBINATION TELE/DATA OUTLET, WITH (12) CAT6 CABLE(S) TO NEAREST MDF/IDF, UON.

SHEET INDEX

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T2.2	SECOND FLOOR PLAN ARF - TECHNOLOGY
T2.3	THIRD FLOOR PLAN ARF - TECHNOLOGY
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T4.1	ENLARGED IDF ROOM - TECHNOLOGY
T5.1	TYPICAL BACKBONE RISER DIAGRAM - TECHNOLOGY

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REDWOOD CITY, CA

SAN MATEO COUNTY BEHAVIORAL HEALTH AND RECOVERY SERVICES

NOT FOR CONSTRUCTION

NO	DESCRIPTION	DATE
	100% SD	09-25-2015

ISSUANCE HISTORY - THIS SHEET

SYMBOLS LISTS AND GENERAL NOTES - TECHNOLOGY

DATE: September 30, 2015

SCHEMATIC DESIGN

T0.1

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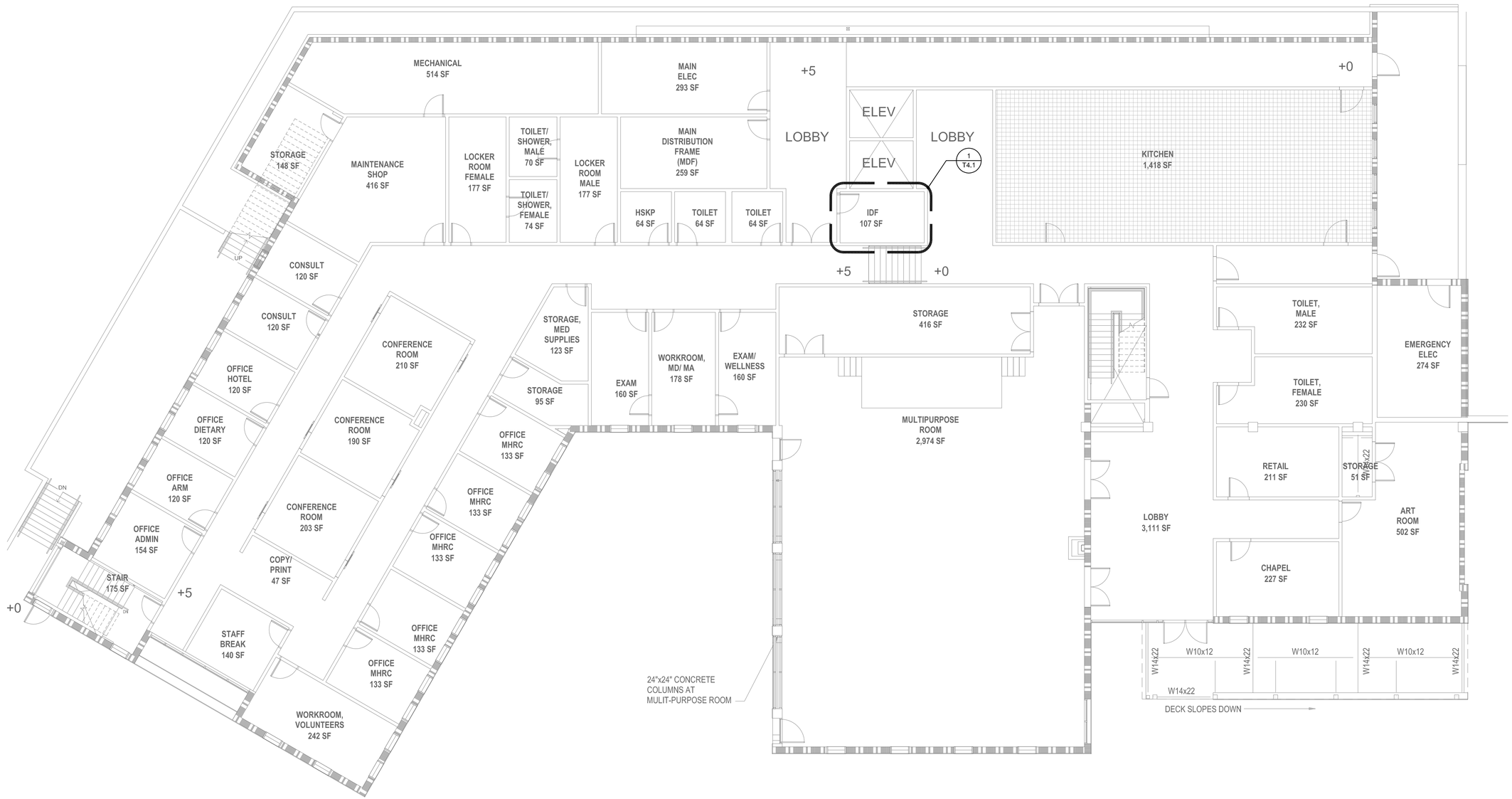

1 FIRST FLOOR PLAN ARF - TECHNOLOGY

0 4' 8' 16'

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

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FIRST FLOOR PLAN ARF - TECHNOLOGY

DATE: September 30, 2015

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1 SECOND FLOOR PLAN - TECHNOLOGY

0 4' 8' 16'

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

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SECOND FLOOR PLAN ARF - TECHNOLOGY

DATE: September 30, 2015

SCHEMATIC DESIGN

T2.2

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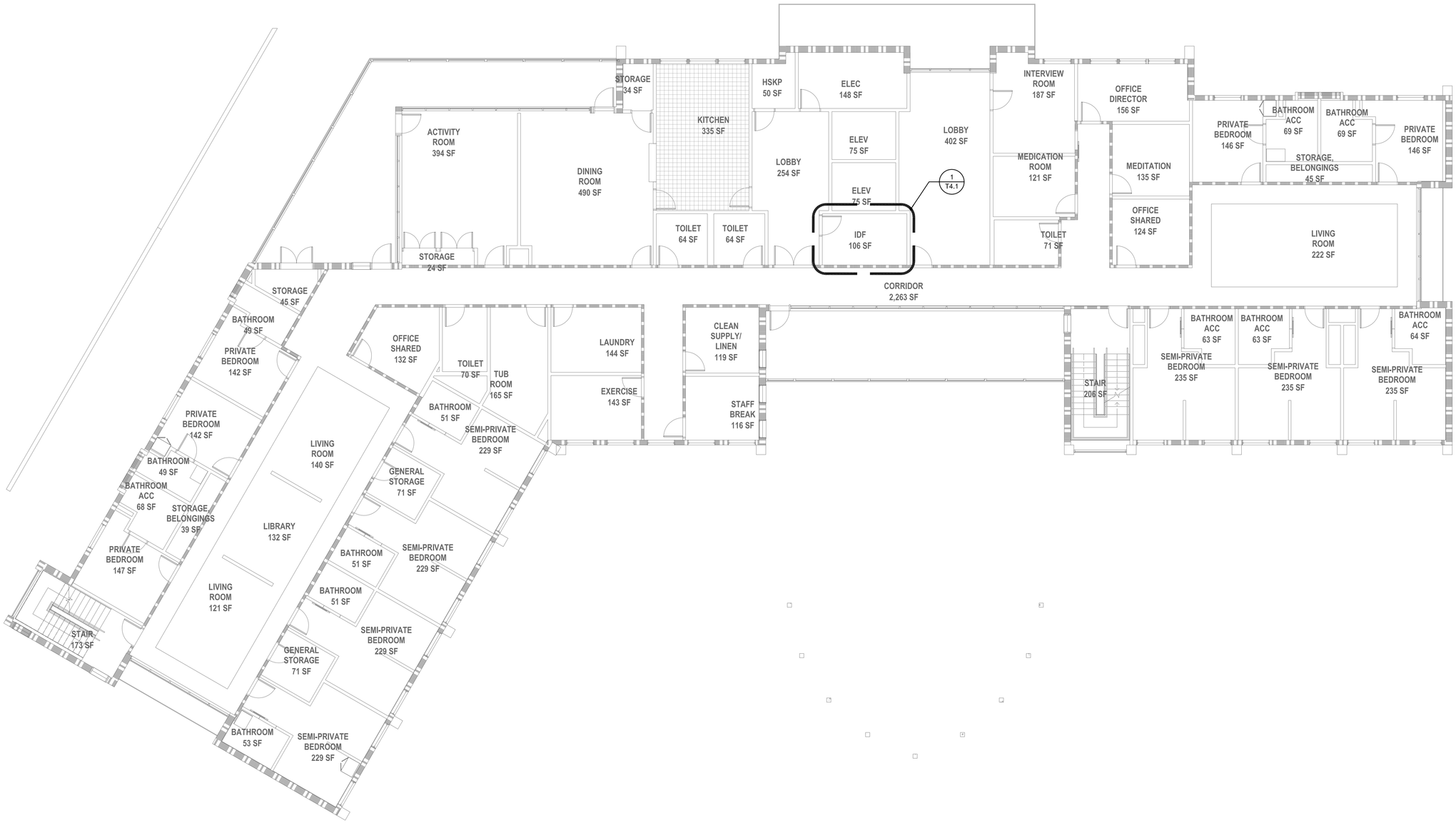

1 THIRD FLOOR PLAN - TECHNOLOGY

0 4' 8' 16'

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

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THIRD FLOOR PLAN - TECHNOLOGY

DATE: September 30, 2015

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T2.3

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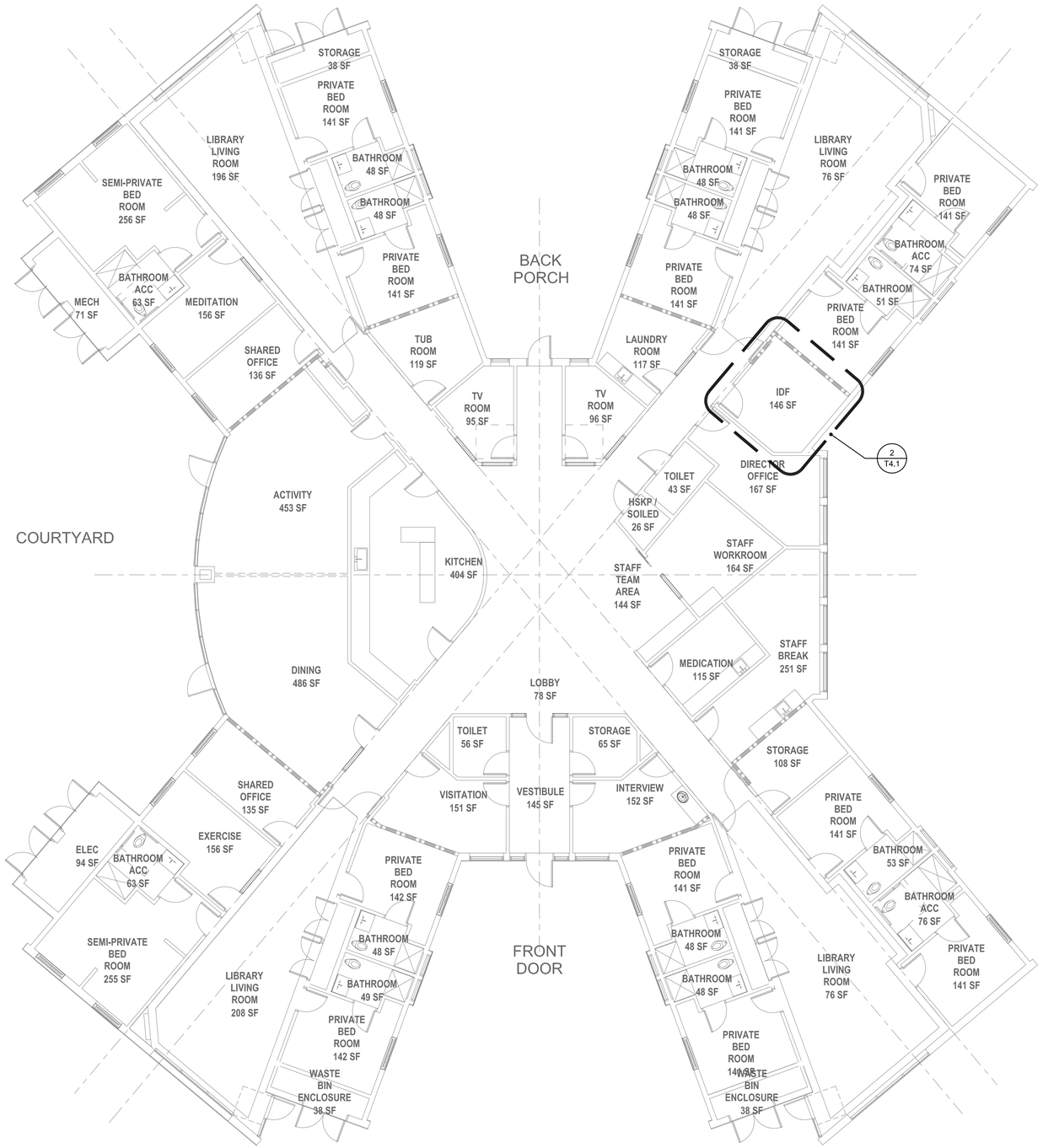

1 TYPICAL FIRST FLOOR PLAN MHRC - TECHNOLOGY

0 4' 8' 16'

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

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TYPICAL FIRST FLOOR PLAN MHRC - TECHNOLOGY

DATE: September 30, 2015

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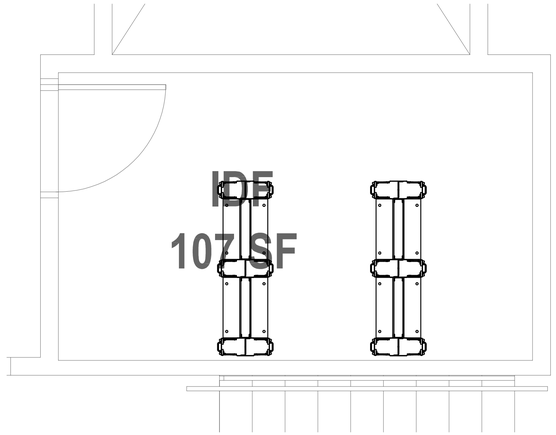
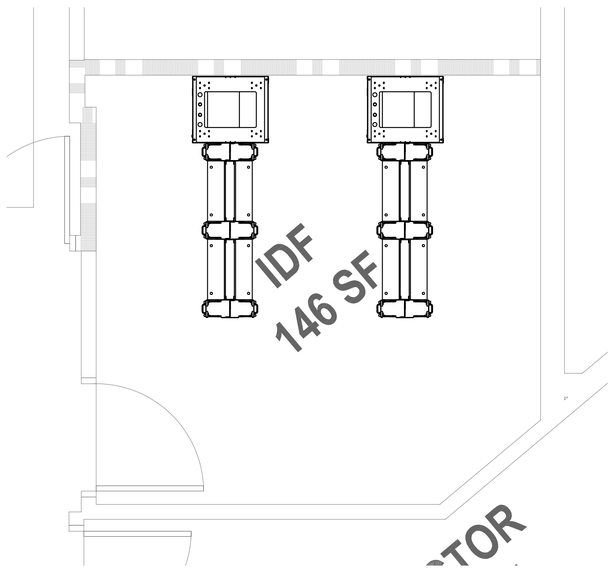


1 ENLARGED TYPICAL IDF ROOM - ARF BUILDING

0 1' 2' 4'

SCALE: 1/2"=1'-0"



2 ENLARGED IDF ROOM - MHRC BUILDING

0 1' 2' 4'

SCALE: 1/2"=1'-0"

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ENLARGED IDF ROOM - TECHNOLOGY

DATE: September 30, 2015

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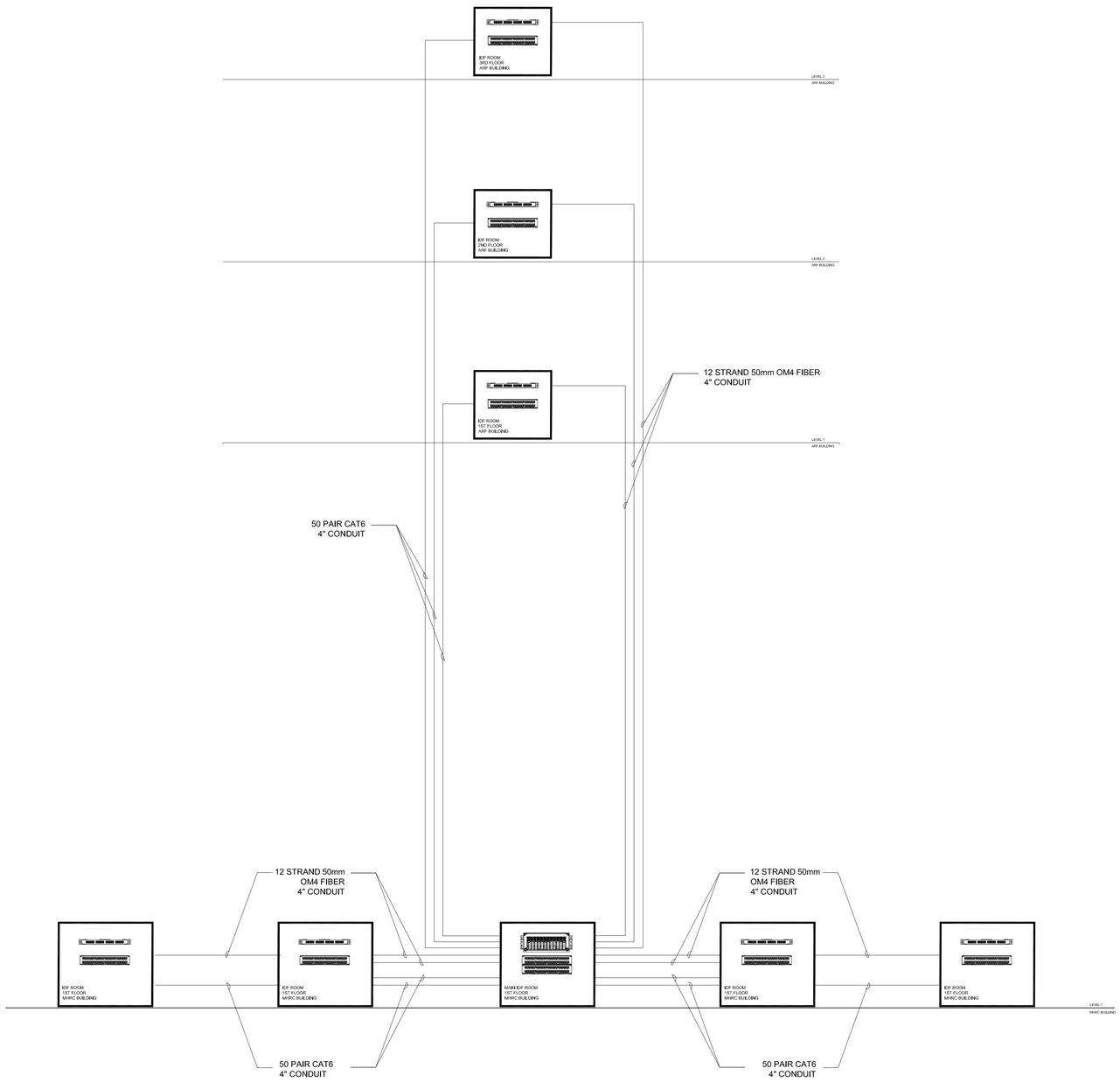

1 TYPICAL BACKBONE RISER DIAGRAM

NTS

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TYPICAL BACKBONE RISER DIAGRAM - TECHNOLOGY

DATE: September 30, 2015

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