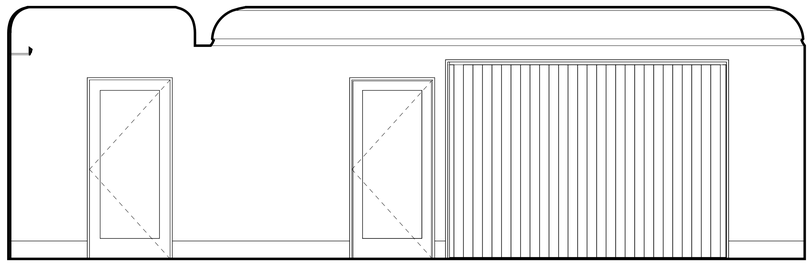
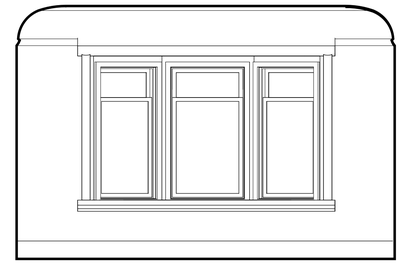
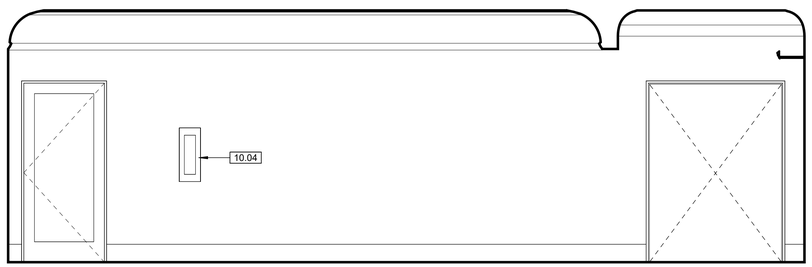
KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
10.04	SEMI-RECESSED FIRE EXTINGUISHER CABINET



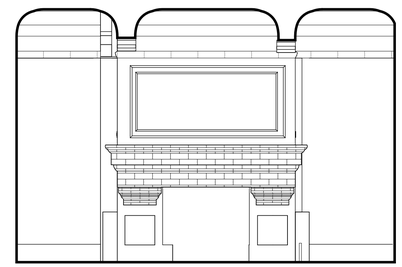
3 | SOUTH



4 | WEST

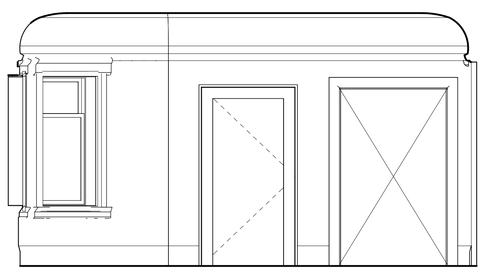


1 | NORTH

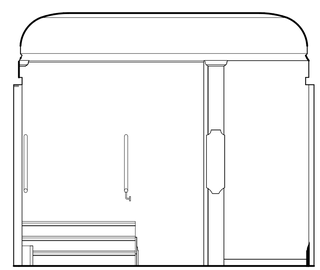


2 | EAST

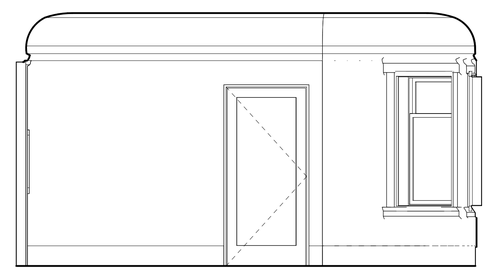
2 INTERIOR ELEVATIONS - TRAINING ROOM
3/8" = 1-0"



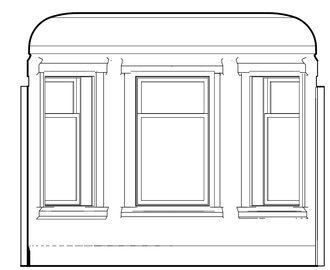
1A | NORTH



1B | EAST



1C | SOUTH



1D | WEST

1 INTERIOR ELEVATIONS - RECEPTION
3/8" = 1-0"

CLIENT

ALAMEDA COUNTY

NOTE: If this drawing is not 22"x34" it has been revised from its original size and the scales noted on drawing/details are no longer applicable.

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Revision Number	DATE	ISSUE DESCRIPTION

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

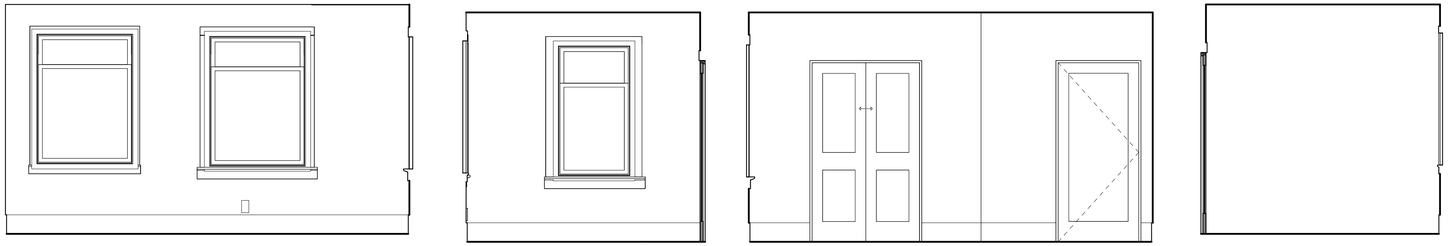
INTERIOR ELEVATIONS

Drawing No.

A4.11

SKA Project Number: 25001

NOT FOR CONSTRUCTION



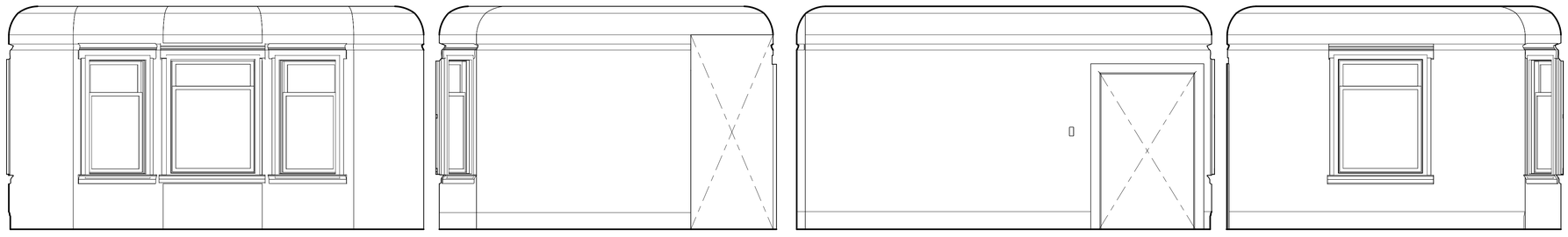
2A | NORTH

2B | EAST

2C | SOUTH

2D | WEST

2 INTERIOR ELEVATIONS - STAFF CONFERENCE ROOM
3/8" = 1-0"



1A | NORTH

1B | EAST

1C | SOUTH

1D | WEST

1 INTERIOR ELEVATIONS - OPEN OFFICE 102
3/8" = 1-0"

CLIENT

ALAMEDA COUNTY

NOTE: If this drawing is not 22"x34" it has been revised from its original size and the scales noted on drawing/details are no longer applicable.

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Revision Number	DATE	ISSUE DESCRIPTION

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

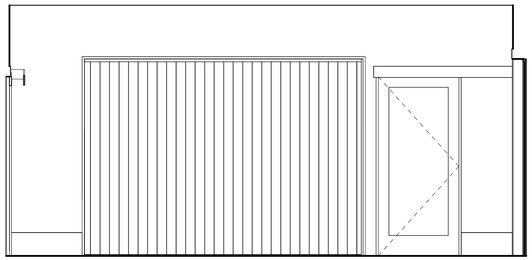
INTERIOR ELEVATIONS

Drawing No.

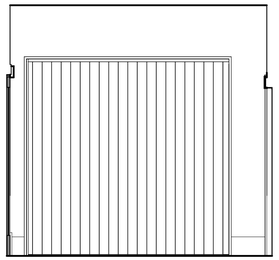
A4.12

SKA Project Number: 25001

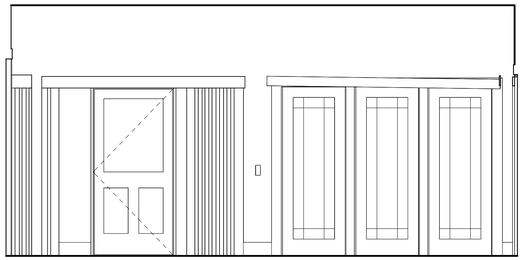
NOT FOR CONSTRUCTION



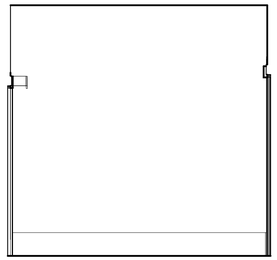
2A | NORTH



2B | EAST



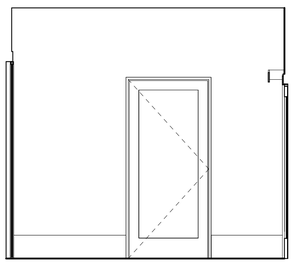
2C | SOUTH



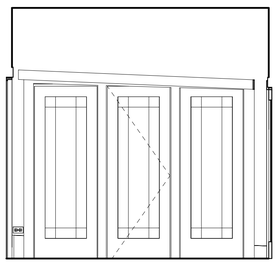
2D | WEST

2 INTERIOR ELEVATIONS - MEDIUM CONFERENCE ROOM

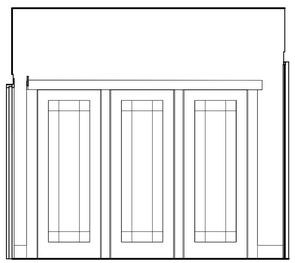
3/8" = 1-0"



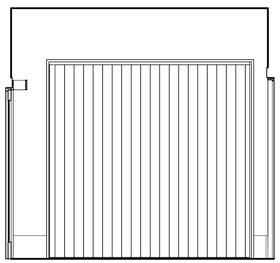
1A | NORTH



1B | EAST



1C | SOUTH



1D | WEST

1 INTERIOR ELEVATIONS - SMALL CONFERENCE ROOM

3/8" = 1-0"

CLIENT

GENERAL SERVICES AGENCY
GSA
COUNTY OF ALAMEDA

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION
3	5/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

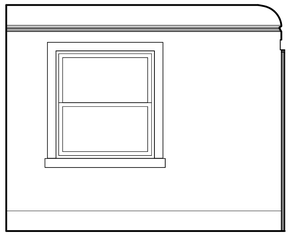
INTERIOR ELEVATIONS

Drawing No.

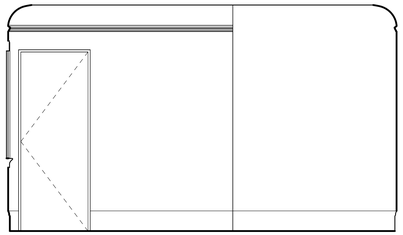
A4.13

SKA Project Number: 25001

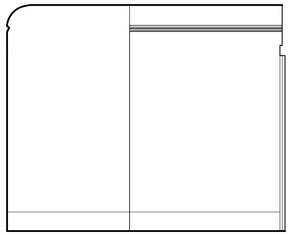
NOT FOR CONSTRUCTION



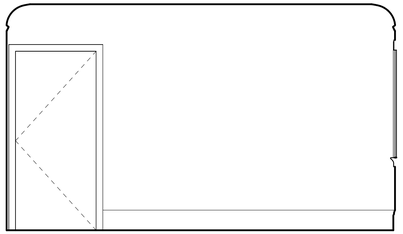
2A | NORTH



2B | EAST



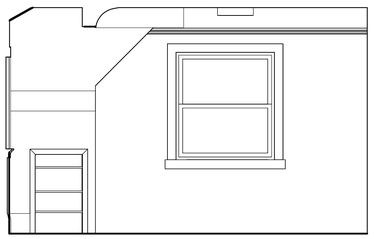
2C | SOUTH



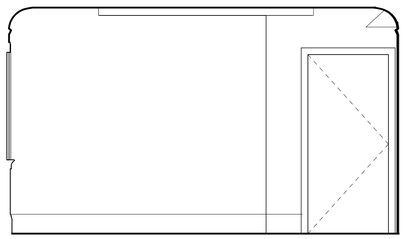
2D | WEST

2 INTERIOR ELEVATIONS - PRIVATE OFFICE 204

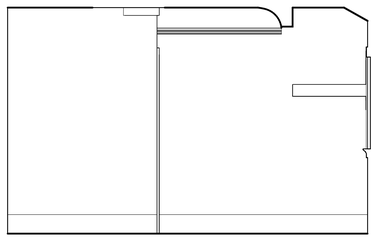
3/8" = 1-0"



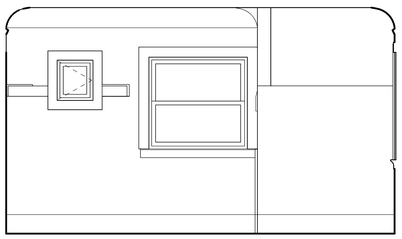
1A | NORTH



1B | EAST



1C | SOUTH



1D | WEST

1 INTERIOR ELEVATIONS - PRIVATE OFFICE 203

3/8" = 1-0"

CLIENT

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION
3	5/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

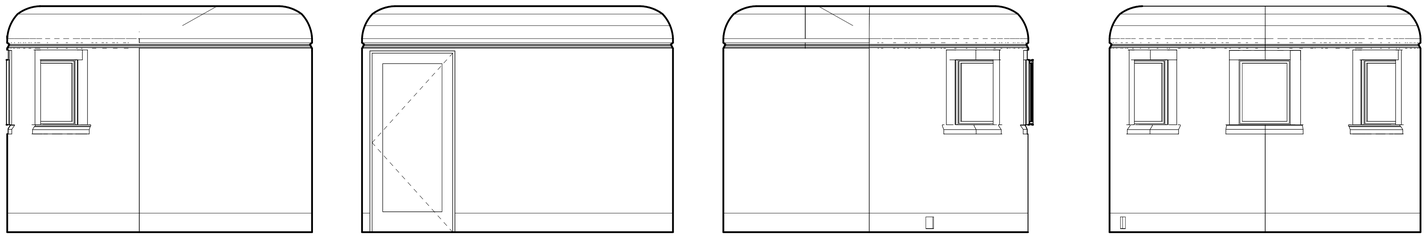
INTERIOR ELEVATIONS

Drawing No.

A4.14

SKA Project Number: 25001

NOT FOR CONSTRUCTION



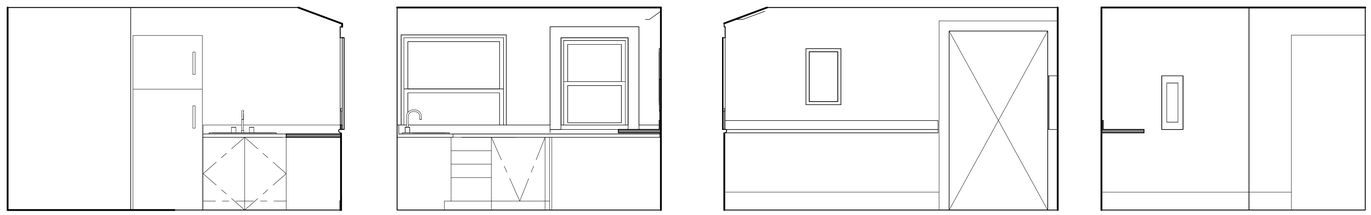
2A | NORTH

2B | EAST

2C | SOUTH

2D | WEST

2 INTERIOR ELEVATIONS - MEETING ROOM
3/8" = 1-0"



1A | NORTH

1B | EAST

1C | SOUTH

1D | WEST

1 INTERIOR ELEVATIONS - BREAK ROOM
3/8" = 1-0"

CLIENT

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION
3	5/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

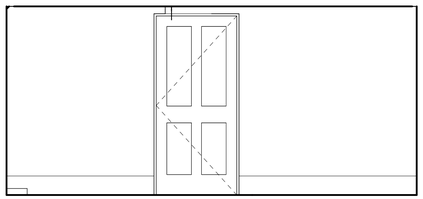
INTERIOR ELEVATIONS

Drawing No.

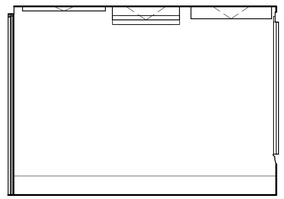
A4.15

SKA Project Number: 25001

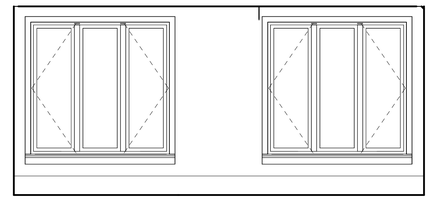
NOT FOR CONSTRUCTION



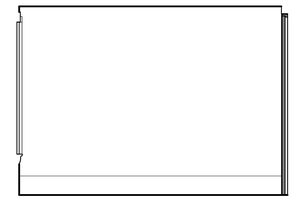
2A | NORTH



2B | EAST



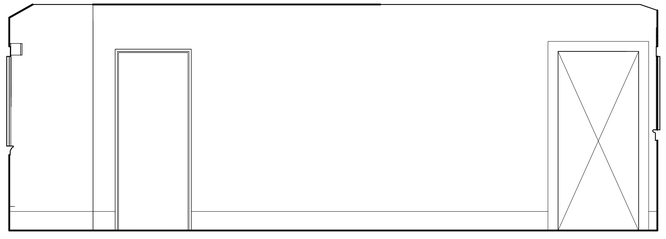
2C | SOUTH



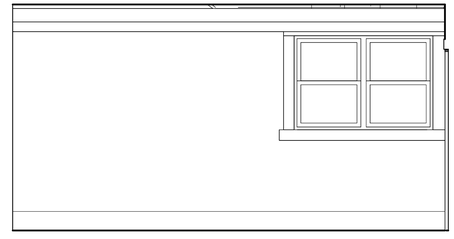
2D | WEST

2 INTERIOR ELEVATIONS - PERSONAL OFFICE 208

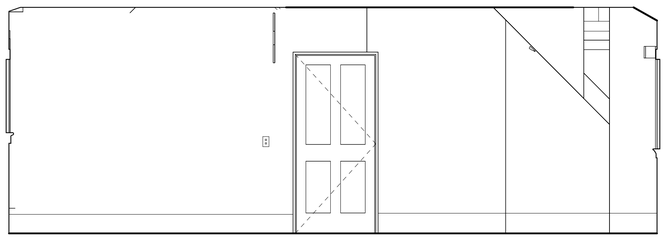
3/8" = 1-0"



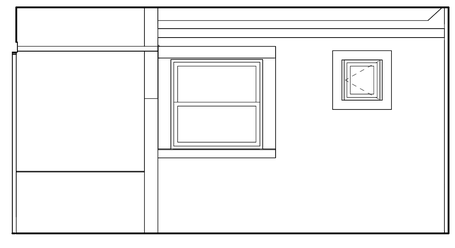
1A | NORTH



1B | EAST



1C | SOUTH



1D | WEST

1 INTERIOR ELEVATIONS - OPEN OFFICE 207

3/8" = 1-0"

CLIENT

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION
3	5/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

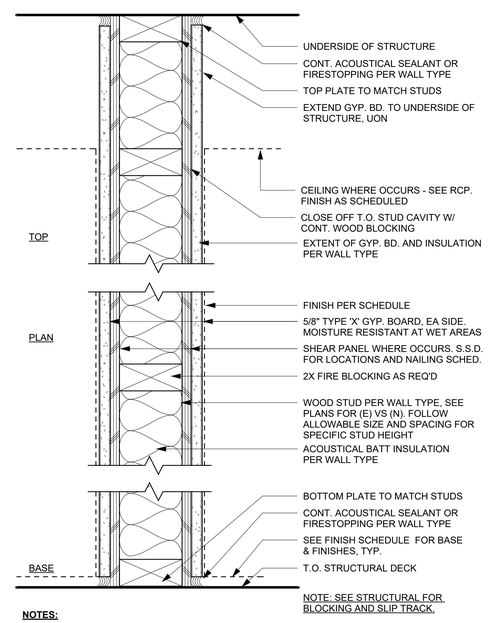
INTERIOR ELEVATIONS

Drawing No.

A4.16

SKA Project Number: 25001

NOT FOR CONSTRUCTION



NOTES:

1. ONE LAYER 5/8" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED PARALLEL OR AT RIGHT ANGLES TO EACH SIDE OF 2 X 4 WOOD STUDS 24" O.C. WITH 6D COATED NAILS, 17/8" LONG, 0.0915" SHANK, 1/4" HEADS, 7" O.C.
2. JOINTS STAGGERED 24" ON OPPOSITE SIDES. (LOAD-BEARING)

A						GENERIC
	SINGLE STUD PARTITION, 1 LAYER GYP BD EA SIDE, UNRATED					
	LISTING: GA WP 3510					STC 35
WALL TYPE	STUD SIZE	OVERALL THK	FIRE RATING	WALLBD EXTENT	ACOUSTIC INSUL	COMMENTS
wA4NPX	2x4	4-3/4	NR	PARTIAL	NO	
wA4NFX	2x4	4-3/4	NR	FULL	NO	
wA4NFZ	2x4	4-3/4	NR	FULL	YES	
wA6NFX	2x6	6-3/4	NR	FULL	NO	
wA6NFZ	2x6	6-3/4	NR	FULL	YES	

WALL LEGEND - WOOD STUD INTERIOR PARTITIONS

WOOD STUD PARTITION TYPE NOMENCLATURE

STUD / WALL MATERIAL

PARTITION TYPE:
- SINGLE STUD (A-G)
- DOUBLE STUD (H-M)
- FURRING (N-S)

STUD SIZE: 2X4 (4), 2X6 (6), 2X8 (8)

FIRE RATING: NOT RATED (N), 1 HR (1) OR 2 HR (2)

BATT INSULATION: YES (Z) OR NO (X)

wA61X

PARTITION SCHEDULE NOTES

1. FOR NON-LOAD-BEARING WOOD STUDS:
   A. SEE STRUCTURAL DRAWINGS FOR FRAMING, DIMENSIONS, SPACING, DETAILS, AND SCHEDULES.
   B. SEE STRUCTURAL DRAWINGS FOR SHEAR WALL LOCATIONS AND REQUIREMENTS.
   C. EXCEPT WHERE OTHERWISE INDICATED, INSTALL WOOD STUDS OF THE SIZE AND SPACING DETERMINED FROM THE LIMITING WALL HEIGHT TABLES OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA), FOR TYPICAL INSTALLATION OF METAL STUD WALLS, ASSUME A LATERAL LOAD OF 5 PSF, A DEFLECTION OF L/360, AND A MAXIMUM SPACING OF 24" O.C.
   D. WHERE WALL TILE IS INSTALLED, USE WATER-RESISTANT BACKER BOARD TO HEIGHT OF TILE. USE MIN. OF 2X4 STUDS AT 16" O.C. MAXIMUM. ASSUME A LATERAL LOAD OF 10 PSF AND A DEFLECTION OF L/360. INSTALL BLOCKING AT THE TRANSITION TO A DIFFERENT WALLBOARD.
   E. IN LOCATIONS WHERE WALLS PROVIDE LATERAL SUPPORT FOR WALL-HUNG SHELVES, LOCKERS, EQUIPMENT, ETC. USE MIN. 2x4 STUDS AT 16" O.C. MAXIMUM. ASSUME A LATERAL LOAD OF 10 PSF, AND A DEFLECTION OF L/360.
2. FOR SHAFT WALL STUDS:
   A. USE SHAFT WALL STUD SEZES TO MEET THE REQUIRED MEMBER DEPTH AND DEFLECTION CRITERIA BASED ON THE USG MANUFACTURER 'S SHAFT WALL SYSTEM LIMITING WALL HEIGHT TABLES.
   B. FOR TYPICAL INSTALLATION OF SHAFT WALLS ASSUME A LATERAL LOAD OF 5 PSF AND A DEFLECTION OF L/240.
3. THE TERMS GYP BD AND TYPE "X" GYP BD REFER TO FIRE-RESISTANT GYPSUM BOARD, ABUSE-RESISTANT GYPSUM BOARD, IMPACT-RESISTANT BOARD, COATED GLASS MAT WATER-RESISTANT GYPSUM BACKER BOARD, OR GYPSUM BACKING BOARD. INSTALL IN ACCORDANCE WITH RECOMMENDATIONS OF GA-216. SEE PLANS FOR LOCATIONS AND HEIGHTS OF ABUSE-RESISTANT GYPSUM BOARD AND IMPACT-RESISTANT GYPSUM BOARD.
4. INSTALL ABUSE- AND IMPACT-RESISTANT GYP BD AT STAIRS AND CORRIDORS. SEE PTN TYPES FOR REQUIREMENTS AT OTHER LOCATIONS.

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

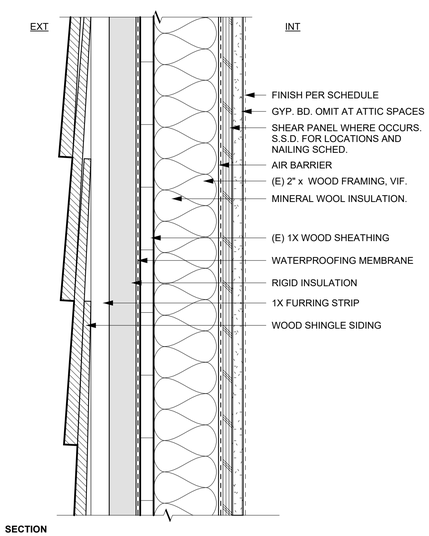
INTERIOR PARTITION TYPES

Drawing No.

A6.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION



SECTION

NOTE: S.S.D. FOR BLOCKING

NOTES:

1. S.S.D. FOR SHEAR PANEL LOCATIONS AND NAILING SCHEDULE

3	GENERIC **(E) EXTERIOR WOOD STUD & SHINGLE SIDING, (N) INSULATION**					
WALL TYPE	STUD SIZE	OVERALL THK	FIRE RATING	WALLBD EXTENT	ACOUSTIC INSUL	COMMENTS
w34NZ	(E) 2" x 4"	VARIES	NR	-	NO	R-13 BATT

CLIENT

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

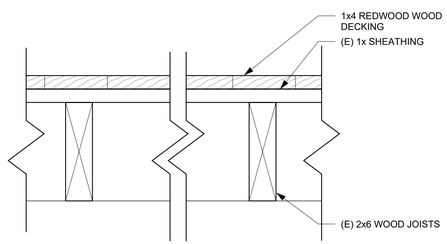
EXTERIOR WALL TYPES

Drawing No.

A6.02

SKA Project Number: 25001

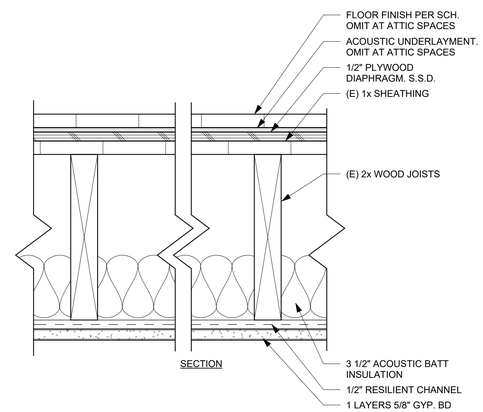
NOT FOR CONSTRUCTION



SECTION

NOTES:

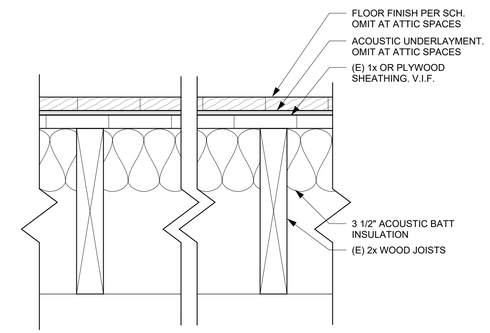
1.



SECTION

NOTES:

1. ONE LAYER 1/2" TYPE X GYPSUM WALLBOARD OR GYPSUM VENEER BASE APPLIED AT RIGHT ANGLES TO RESILIENT CHANNELS 24" O.C. WITH 1" TYPE S SCREWS 11" O.C. GYPSUM BOARD END JOINTS LOCATED MIDWAY BETWEEN CONTINUOUS CHANNELS AND ATTACHED TO ADDITIONAL PIECES OF CHANNEL 54" LONG WITH SCREWS 12" O.C. RESILIENT CHANNELS APPLIED AT RIGHT ANGLES TO 2 × 10 WOOD JOISTS 16" O.C. WITH 1-1/4" TYPE W SCREWS OR 6D COMMON NAILS.
2. WOOD JOISTS SUPPORTING 1" T&G WOOD SUBFLOOR AND FINISH FLOOR, OR 5/8" PLYWOOD FINISHED FLOOR WITH LONG EDGES T&G AND 1/2" INTERIOR PLYWOOD WITH EXTERIOR GLUE SUBFLOOR PERPENDICULAR TO JOISTS WITH JOINTS STAGGERED.



SECTION

NOTES:

1.

D	GENERIC **UNRATED FLOOR ASSEMBLY - PORCH**				
HORZ ASSEMBLY	MEMBER SIZE	OVERALL THK	FIRE RATING	INSUL	COMMENTS
wD61X	2X10	10 3/4"	NR	NO	

C	GENERIC **UNRATED FLOOR ASSEMBLY - 2ND FLOOR**				
HORZ ASSEMBLY	MEMBER SIZE	OVERALL THK	FIRE RATING	INSUL	COMMENTS
wC6NZ	2X6	7 1/2"	NR	YES	VIF JOIST SIZE
wC10NZ	2X10	11"	NR	YES	

B	GENERIC **UNRATED FLOOR ASSEMBLY - 1ST FLOOR**				
HORZ ASSEMBLY	MEMBER SIZE	OVERALL THK	FIRE RATING	INSUL	COMMENTS
wB10NZ	2X10	11"	NR	YES	

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ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

HORIZONTAL ASSEMBLIES - FLOORS

Drawing No.

A6.03

SKA Project Number: 25001

NOT FOR CONSTRUCTION

DOOR REPAIR SCHEDULE

DOOR DESCRIPTION		DIMENSIONS			DOOR			FRAME			
No.	TYPE	WIDTH	HEIGHT	THK	MATERIAL	FINISH EXT/INT	GLAZING	MATERIAL	FINISH EXT/INT	FIRE RATING	NOTES
003A	C	2' - 6"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		
108D	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
108E	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
108F	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
108G	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
108H	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
108J	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
109B	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
109C	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
109D	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
109E	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
109F	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE
109G	B	2' - 4"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD		FIXED IN PLACE

Grand total: 13

NEW DOOR SCHEDULE

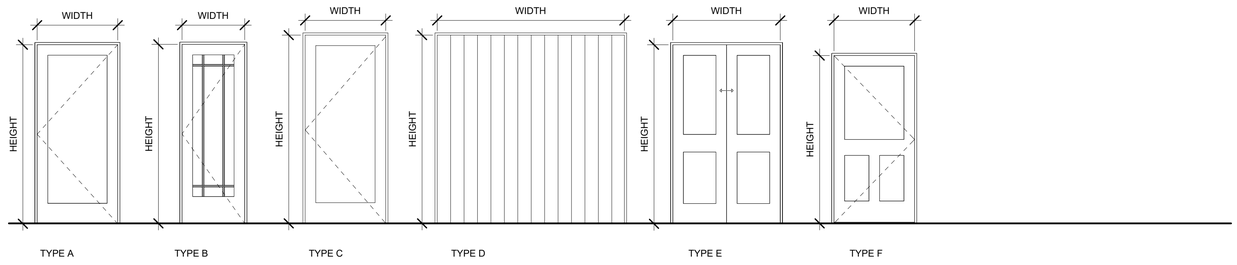
DOOR DESCRIPTION		DIMENSIONS			DOOR			FRAME			
No.	TYPE	WIDTH	HEIGHT	THK	MATERIAL	FINISH EXT/INT	GLAZING	MATERIAL	FINISH EXT/INT	FIRE RATING	NOTES
101A	A	3' - 6"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
103A	C	3' - 0"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
104A	E	4' - 0"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
105A	C	3' - 0"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
106A	C	3' - 0"	6' - 8"	0' - 2"	WOOD	PTD		WD	PTD	NR	
107A	C	3' - 0"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
108A	F	3' - 0"	6' - 3"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
108B	C	3' - 0"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
108C	D	6' - 0"	7' - 4"	0' - 0 1/4"						NR	
109H	D	6' - 0"	7' - 4"	0' - 0 1/4"						NR	
203A	C	3' - 0"	6' - 8"	0' - 2"	WOOD	PTD		WD	PTD	NR	
204A	C	3' - 0"	6' - 8"	0' - 2"	WOOD	PTD		WD	PTD	NR	
205A	C	2' - 6"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	
206A	C	3' - 0"	6' - 8"	0' - 2"	WOOD	PTD		WD	PTD	NR	
208A	C	3' - 0"	6' - 8"	0' - 1 1/2"	WOOD	PTD		WD	PTD	NR	

Grand total: 15

DOOR SCHEDULE NOTES

1. CONTRACTOR TO ENSURE PROPER WORKING ORDER AND WEATHERTIGHTNESS. CONTRACTOR SHALL PERFORM SURVEY OF ALL (E) DOOR OPENINGS. VERIFY QTY AND CONDITION OF FRAME, LEAF, GLAZING, FLASHING, AND HARDWARE. NOTIFY ARCHITECT WHEN DISCREPANCIES WITH THESE DOCUMENTS ARE FOUND.
2. DOOR DIMENSIONS ARE NOMINAL. FIELD VERIFY ALL (E) OPENINGS, AND NEW OPENINGS WHEN ALIGNING WITH (E). NOTIFY ARCHITECT WHEN DISCREPANCIES WITH THESE DOCUMENTS ARE FOUND.
3. CONTRACTOR SHALL SURVEY (E) HARDWARE AND VERIFY WORKING ORDER OF LOCKS, PULLS, HINGES, AND CLOSERS, WHERE THEY OCCUR. SALVAGE, CATALOGUE FOR REFURBISHMENT, AND REINSTALL HARDWARE IN ORIGINAL LOCATIONS, U.O.N. IN SCHEDULE.
4. REMOVE ALL NON-HISTORIC OR NON-FUNCTIONING FASTENERS, CONDUITS, AND ACCESSORIES, INCLUDING WINDOW TREATMENTS OVER GLAZED LEAFS, SIDELITES, OR TRANSOMS. PATCH DOOR ASSEMBLY SUBSTRATE(S) PRIOR TO APPLICATION OF FINISH, TYP.
5. CONTRACTOR SHALL PROTECT ALL (E) MATERIALS AND FINISHES TO REMAIN FROM DAMAGE DURING CONSTRUCTION. PROVIDE PROTECTION AS INDICATED AND NEEDED.
6. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO HISTORIC MATERIALS DURING CONSTRUCTION, AND FOR REPAIR OR REPLACEMENT COSTS.
7. PATCH AND REPAIR ALL EXTERIOR AND INTERIOR FINISHES TO REMAIN INCLUDING BUT NOT LIMITED TO TILE, WOOD, GYP. BD., PAINT, DECORATIVE PAINT, AND PLASTER ASSOCIATED WITH REMOVAL, REPAIR, OR INSTALLATION OF DOORS.
8. PATCH SUBSTRATE AS NEEDED TO MATCH ADJACENT WHERE ELEMENTS/FEATURES ARE BEING REMOVED OR DEMOLISHED. WHERE FERROUS ELEMENTS OR ANCHORS ARE EXPOSED BY THE WORK, REMOVE CORROSION, PREPARE, PRIME, AND PAINT, TYP.
9. REMOVE ALL EXISTING CAULKING AND SEALANT. INSTALL (N) AT DISSIMILAR MATERIALS AS NEEDED. PAINT ALL URETHANE AND HYBRID SEALANT TO MATCH.
10. REPAIR DAMAGED INTERIOR TRIM TO MATCH EXISTING. REPLACE TO MATCH EXISTING WHERE MISSING OR DETERIORATED BEYOND REPAIR, TYP. PREPARE, PRIME, AND PAINT.
12. HARD-WIRED CARD READER LOCATIONS REQUIRE ELECTRICAL AND/OR SECURITY TO COORD., FURNISH & INSTALL COMPONENTS INCLUDING, BUT NOT LIMITED TO WIRE, CONDUIT, AND CONNECTIVITY FROM CLG. THROUGH FRAME TO ALL ELECTRIFIED HARDWARE SPECIFIED IN SECTIONS 087100, 087113, AND/OR 081713.
13. AUTOMATIC OPERATOR LOCATIONS: HARD-WIRED, ELECTRICAL 120V LOCATIONS REQUIRED. ELECTRICAL AND/OR SECURITY TO COORD., FURNISH & INSTALL COMPONENTS INCLUDING, BUT NOT LIMITED TO WIRE, CONDUIT, AND CONNECTIVITY FROM CLG. THROUGH FRAME TO COMPLETE ELECTRIFIED HARDWARE SPECIFIED (INCLUDING BOLLARDS WITH FULL-HEIGHT PUSH-PLATE/ACTUATORS AT EACH LEAF, INTERIOR AND EXTERIOR) AND AS NOTED IN SECTIONS 087100, 087113, 081713 AND/OR IN DIVISION 08 SLIDING OR REVOLVING DOOR SPECIFICATIONS.
14. DOOR AND SIDELITE GLAZING: ANY REPLACED LITES SHALL BE TEMPERED AS REQUIRED BY CODE. (E) LITES TO REMAIN AS-IS.
15. ALL NEWLY STAINED WOOD TO MATCH EXISTING. REFINISH DETERIORATED SURFACES PER SCHEDULED REPAIR CATEGORY AND STAIN AREAS OF REPAIR TO MATCH EXISTING.

DOOR TYPES



WOOD DOOR REPAIRS

REFER TO SPEC SECTIONS 080314 "HISTORIC TREATMENT OF WOOD DOORS" AND 090391 "HISTORIC TREATMENT OF PLAIN PAINTING."

CATEGORY 1: ROUTINE MAINTENANCE
1. REMOVE BROKEN GLAZING.
2. REMOVE ALL LOOSE AND UNSOUND LAYERS OF EXISTING PAINTS AND COATINGS.
3. PREPARE, PRIME, AND PAINT OR STAIN SURFACES.
4. INSTALL GLAZING, CLIPS, AND STOPS.
5. REPLACE MISSING OR BROKEN HARDWARE AS NOTED ON SCH.
6. REPLACE OR INSTALL WEATHERSTRIPPING ON EXTERIOR DOORS.

CATEGORY 2: REFINISHING
1. REMOVE ALL STOPS AND GLAZING. SALVAGE, CATALOGUE, AND STORE GLAZING IF REUSING.
2. REMOVE AND SALVAGE ALL HARDWARE. CATALOGUE AND STORE FOR REINSTALLATION AS NOTED ON DOOR SCHEDULE.
3. REMOVE ALL CAULK AND SEALANTS.
4. REMOVE ALL LOOSE AND UNSOUND LAYERS OF EXISTING PAINTS AND COATINGS.
5. GLUE AND CLAMP LEAF JOINTS AS NEEDED.
6. PREPARE, PRIME, AND PAINT OR STAIN SURFACES.
7. REINSTALL GLAZING, CLIPS, AND STOPS. REPLACE MISSING OR BROKEN STOPS AS NEEDED TO MATCH ORIGINAL.
8. INSTALL NEW OR REFURBISHED HDWR AS NOTED AND SPECIFIED.
9. REPLACE OR INSTALL WEATHERSTRIPPING ON EXTERIOR DOORS.

CATEGORY 3: STABILIZATION
IN ADDITION TO THE WORK DESCRIBED IN CATEGORY 2, COMPLETE THE FOLLOWING:
1. REMOVE ALL WEATHERED, GRAY, OR RED-BROWN SPOTS, OR OTHERWISE UNSOUND WOOD.
2. REMOVE DETERIORATED WOOD COMPLETELY. WIDEN ALL CHECKS TO EXPOSE SOUND CLEAN WOOD FOR REPAIR.
3. APPLY BORATE PRESERVATIVE AND CLEAR WATER REPELLANT WOOD PRESERVATIVE TO ALL BARE WOOD.
4. PATCH WITH REPAIR COMPOUND AND/OR WOOD DUTCHMAN TO AREAS GREATER THAN 1/4 INCH DEEP OR WIDE.

CATEGORY 4: COMPONENT REPLACEMENT
IN ADDITION TO THE WORK DESCRIBED IN CATEGORIES 2 & 3, COMPLETE THE FOLLOWING:
1. WHERE WOOD MATERIAL EXHIBITS DETERIORATION AT MORE THAN 20% BUT LESS THAN 50% OF THE SURFACE AREA, COMPLETE DUTCHMAN REPAIR SPLICED INTO SOUND ORIGINAL WOOD.
2. FOR DOOR COMPONENTS WITH MORE THAN 50% DETERIORATION, REPLACE COMPONENT IN-KIND USING CARPENTRY METHODS EXHIBITED IN THE ORIGINAL WOOD WORK.

CATEGORY 5: NEW WOOD LEAF
1. REMOVE DOOR LEAF FROM FRAME. SALVAGE GOOD, SOUND PORTIONS, COMPONENTS, AND HARDWARE FOR POTENTIAL REUSE AT OTHER LOCATIONS.
2. PROVIDE AND INSTALL NEW WOOD DOOR LEAF AND HARDWARE TO MATCH ORIGINAL APPEARANCE. MATCH ALL DIMENSIONS, PROFILES, MATERIALS, CONSTRUCTION, AND FINISHES.

CATEGORY 6: NEW WOOD FRAME AND LEAF
1. REMOVE DOOR LEAF AND FRAME. SALVAGE GOOD, SOUND PORTIONS, COMPONENTS, AND HARDWARE FOR POTENTIAL REUSE AT OTHER LOCATIONS.
2. PROVIDE AND INSTALL NEW WOOD DOOR FRAME, LEAF, AND HARDWARE TO MATCH ORIGINAL APPEARANCE. MATCH ALL DIMENSIONS, PROFILES, MATERIALS, CONSTRUCTION, AND FINISHES.

SAFETY GLAZING NOTES - DOORS

SAFETY GLAZING (NEW DOORS ONLY, U.O.N.) AT:
- LITES IN FIXED AND OPERABLE PANELS LARGER THAN 3" (2406.4.1)
- SIDELITES (2406.4.2)
- DOORS AND ENCLOSURES FOR BATHTUBS AND SHOWERS

CLIENT

ALAMEDA COUNTY

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Revision Number	DATE	ISSUE DESCRIPTION
1	3/13/2026	100% SCHEMATIC DESIGN
2	4/30/2026	70% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

DOOR SCHEDULES & TYPES

Drawing No.

A6.11

SKA Project Number: 25001

NOT FOR CONSTRUCTION

WINDOW REPAIR SCHEDULE

Level	WINDOW No.	TYPE	DESCRIPTION	CONSTR	FINISH	DIMENSIONS WIDTH	HEIGHT	HD. HT.	CONDITION SCOPE	CAT	HDWR	GLAZING TYPE	SAFETY	FIRE RATING	DETAILS HEAD	JAMB	SILL	NOTES
BASEMENT																		
BASEMENT	001	F	AWNING	WD	PTD.	2' - 7"	1' - 10"	6' - 5 1/4"		3	R	R						
BASEMENT	002	F	AWNING	WD	PTD.	3' - 2"	1' - 4"	6' - 5 3/4"		3	R	R						
FIRST FLOOR																		
FIRST FLOOR	101	G	DOUBLE-HUNG	WD	PTD.	2' - 6"	5' - 0"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	102	G	DOUBLE-HUNG	WD	PTD.	2' - 10"	5' - 0"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	103	G	DOUBLE-HUNG	WD	PTD.	2' - 6"	5' - 0"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	104	G	DOUBLE-HUNG	WD	PTD.	2' - 10"	4' - 11"	7' - 1 1/4"		2	R	R						
FIRST FLOOR	105	G	DOUBLE-HUNG	WD	PTD.	2' - 10"	4' - 11"	7' - 1 1/4"		2	R	R						
FIRST FLOOR	106	G	DOUBLE-HUNG	WD	PTD.	2' - 10"	4' - 11"	7' - 1 1/4"		2	R	R						
FIRST FLOOR	107	G	DOUBLE-HUNG	WD	PTD.	3' - 8"	4' - 11"	7' - 3"		2	R	R						WOODS SILL AND FRAME TO BE REPAIRED OR REPLACED IN KIND
FIRST FLOOR	108	G	DOUBLE-HUNG	WD	PTD.	2' - 8"	4' - 11"	7' - 2 3/4"		6	R	R						ALUMINUM WINDOW TO BE REMOVED. NEW WOOD WINDOW TO BE INSTALLED TO MATCH EXISTING
FIRST FLOOR	109	G	DOUBLE-HUNG	WD	PTD.	3' - 8"	4' - 11"	7' - 3"		6	R	R						WINDOW INFILL TO BE REMOVED. NEW WOOD WINDOW TO BE INSTALLED TO MATCH EXISTING.
FIRST FLOOR	110	G	DOUBLE-HUNG	WD	PTD.	2' - 8"	4' - 11"	7' - 2 3/4"		6	R	R						ALUMINUM WINDOW TO BE REMOVED. NEW WOOD WINDOW TO BE INSTALLED TO MATCH EXISTING
FIRST FLOOR	111	G	DOUBLE-HUNG	WD	PTD.	3' - 8"	4' - 11"	7' - 5 3/4"		2	R	R						
FIRST FLOOR	112	G	DOUBLE-HUNG	WD	PTD.	3' - 8"	4' - 11"	7' - 4 3/4"		2	R	R						
FIRST FLOOR	113	G	DOUBLE-HUNG	WD	PTD.	2' - 9"	4' - 11"	7' - 4"		2	R	R						
FIRST FLOOR	114	A	DOUBLE-HUNG	WD	PTD.	1' - 11"	3' - 1"	6' - 2 1/4"		2	R	R						
FIRST FLOOR	115	A	DOUBLE-HUNG	WD	PTD.	2' - 8"	3' - 6"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	116	A	DOUBLE-HUNG	WD	PTD.	2' - 8"	3' - 6"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	117	A	DOUBLE-HUNG	WD	PTD.	2' - 8"	3' - 5"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	118	A	DOUBLE-HUNG	WD	PTD.	2' - 8"	3' - 5"	7' - 2 1/4"		2	R	R						
FIRST FLOOR	119	A	DOUBLE-HUNG	WD	PTD.	2' - 8"	3' - 5"	7' - 2 1/4"		2	R	R						
SECOND FLOOR																		
SECOND FLOOR	201	A	DOUBLE-HUNG	WD	PTD.	3' - 5"	3' - 4"	6' - 5 3/4"		2	R	R						
SECOND FLOOR	202	E	CASEMENT	WD	PTD.	1' - 4"	1' - 6"	6' - 5 1/2"		2	R	R						
SECOND FLOOR	202	A	DOUBLE-HUNG	WD	PTD.	1' - 9"	1' - 11"	6' - 7 1/4"		2	R	R						
SECOND FLOOR	203	F	AWNING	WD	PTD.	1' - 11"	2' - 5"	6' - 5"		2	R	R						
SECOND FLOOR	204	F	AWNING	WD	PTD.	1' - 11"	2' - 5"	6' - 5"		2	R	R						
SECOND FLOOR	205	F	AWNING	WD	PTD.	1' - 11"	2' - 5"	6' - 5"		2	R	R						
SECOND FLOOR	206	E	CASEMENT	WD	PTD.	1' - 4"	1' - 6"	6' - 5 1/2"		2	R	R						
SECOND FLOOR	207	A	DOUBLE-HUNG	WD	PTD.	3' - 8"	3' - 5"	6' - 7"		2	R	R						
SECOND FLOOR	208	A	DOUBLE-HUNG	WD	PTD.	3' - 8"	4' - 0"	6' - 9"		2	R	R						
SECOND FLOOR	209	A	DOUBLE-HUNG	WD	PTD.	3' - 8"	4' - 0"	6' - 8 1/2"		2	R	R						
SECOND FLOOR	210	A	DOUBLE-HUNG	WD	PTD.	3' - 11"	4' - 2"	6' - 6 1/4"		2	R	R						
SECOND FLOOR	211	A	DOUBLE-HUNG	WD	PTD.	2' - 6"	3' - 5"	6' - 5"		2	R	R						
SECOND FLOOR	212	A	DOUBLE-HUNG	WD	PTD.	2' - 6"	2' - 11"	6' - 11 3/4"		2	R	R						
SECOND FLOOR	213	A	DOUBLE-HUNG	WD	PTD.	2' - 6"	2' - 11"	7' - 0 1/4"		2	R	R						
SECOND FLOOR	214	B	TWIN DOUBLE-HUNG	WD	PTD.	5' - 2"	3' - 6"	7' - 3"		3	R	R						EXISTING CONDITION UNKNOWN
SECOND FLOOR	215	D	DOUBLE CASEMENT, FIXED CENTER	WD	PTD.	5' - 2"	4' - 11"	6' - 5 1/4"		2	R	R						
SECOND FLOOR	216	D	DOUBLE CASEMENT, FIXED CENTER	WD	PTD.	5' - 2"	4' - 11"	6' - 5 1/4"		2	R	R						
SECOND FLOOR	227	A	DOUBLE-HUNG	WD	PTD.	2' - 8"	3' - 6"	6' - 6 1/4"		2	R	R						

WOOD WINDOW REPAIRS

REFER TO SPECIFICATION SECTIONS 080353 "HISTORIC TREATMENT OF WOOD WINDOWS" AND 090391 "HISTORIC TREATMENT OF PLAIN PAINTING."

ALL CATEGORIES:
1. REMOVE EXISTING PERIMETER SEALANT JOINTS AND REPLACE WITH A SILICONE SEALANT JOINT AND BACKER.
2. REMOVE AND INSTALL NEW WEATHERSTRIPPING.
3. ADJUST SASH(ES) FOR PROPER OPERATION.
4. REFURBISH AND TUNE UP COUNTER-WEIGHT SYSTEM AS NEEDED FOR PROPER OPERATION.
5. REFURBISH AND LUBRICATE HARDWARE FOR PROPER OPERATION.
6. INSTALL LIMITERS AT OPERABLE WINDOWS WITH A SILL LOWER THAN 42" AFF (UNLESS A GUARDRAIL IS PROVIDED.)

CATEGORY 1: ROUTINE MAINTENANCE
1. REMOVE FAILING/CRACKED PUTTY AND BROKEN GLAZING.
2. REMOVE ALL LOOSE AND UNSOUND LAYERS OF EXISTING PAINTS AND COATINGS.
3. PREPARE, PRIME, AND PAINT OR STAIN SURFACES.
4. INSTALL REPLACEMENT GLAZING, CLIPS, AND PUTTY. PAINT PUTTY.
5. REPLACE MISSING OR BROKEN HARDWARE AS NOTED ON SCHEDULE. RETAIN ALL (E) HARDWARE U.O.N.

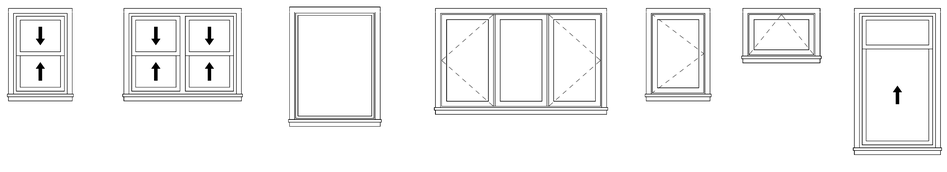
CATEGORY 2: REFINISHING
1. REMOVE ALL PUTTY AND GLAZING. SALVAGE, CATALOGUE, AND STORE GLAZING IF REUSING.
2. REMOVE AND SALVAGE ALL HARDWARE. CATALOGUE AND STORE FOR REINSTALLATION U.O.N.
3. REMOVE ALL CAULK AND SEALANTS.
4. REMOVE ALL LOOSE AND UNSOUND LAYERS OF EXISTING PAINTS AND COATINGS.
5. GLUE AND CLAMP SASH JOINTS AS NEEDED.
6. PREPARE, PRIME, AND PAINT OR STAIN SURFACES.
7. REINSTALL GLAZING, CLIPS, AND PUTTY. PAINT PUTTY.
8. INSTALL NEW OR REHABILITATED HARDWARE AS NOTED AND SPECIFIED.
9. REPLACE MISSING OR BROKEN STOPS AS NEEDED TO MATCH ORIGINAL.

CATEGORY 3: STABILIZATION
IN ADDITION TO THE WORK DESCRIBE IN CATEGORY 2, COMPLETE THE FOLLOWING:
1. REMOVE ALL WEATHERED, GRAY, OR RED-BROWN SPOTS, OR OTHERWISE UNSOUND WOOD.
2. REMOVE DETERIORATED WOOD COMPLETELY. WIDEN ALL CHECKS TO EXPOSE SOUND CLEAN WOOD FOR REPAIR.
3. APPLY BORATE PRESERVATIVE AND CLEAR WATER REPELLANT WOOD PRESERVATIVE TO ALL BARE WOOD.
4. PATCH WITH REPAIR COMPOUND AND/OR WOOD DUTCHMAN TO AREAS GREATER THAN 1/4" DEEP OR WIDE.

CATEGORY 4: COMPONENT REPLACEMENT
IN ADDITION TO THE WORK DESCRIBE IN CATEGORIES 2 & 3, COMPLETE THE FOLLOWING:
1. WHERE WOOD MATERIAL EXHIBITS DETERIORATION AT MORE THAN 20% BUT LESS THAN 50% OF THE SURFACE AREA, COMPLETE DUTCHMAN REPAIR SPLICED INTO SOUND ORIGINAL WOOD.
2. FOR WINDOW COMPONENTS WITH MORE THAN 50% DETERIORATION, REPLACE COMPONENT IN-KIND USING CARPENTRY METHODS EXHIBITED IN THE ORIGINAL WOOD WORK.

CATEGORY 5: NEW WOOD SASH
1. REMOVE WINDOW SASH FROM FRAME. SALVAGE GOOD, SOUND PORTIONS, COMPONENTS, AND HARDWARE FOR POTENTIAL REUSE AT OTHER LOCATIONS.
2. PROVIDE AND INSTALL NEW WOOD WINDOW SASH AND HARDWARE TO MATCH ORIGINAL APPEARANCE. MATCH ALL DIMENSIONS, PROFILES, MATERIALS, CONSTRUCTION, AND FINISHES.

CATEGORY 6: NEW WOOD FRAME AND SASH
1. REMOVE WINDOW SASH AND FRAME. SALVAGE GOOD, SOUND PORTIONS, COMPONENTS, AND HARDWARE FOR POTENTIAL REUSE AT OTHER LOCATIONS.
2. PROVIDE AND INSTALL NEW WOOD WINDOW FRAME, SASH, AND HARDWARE TO MATCH ORIGINAL APPEARANCE. MATCH ALL DIMENSIONS, PROFILES, MATERIALS, CONSTRUCTION, AND FINISHES.



TYPE A DOUBLE HUNG | TYPE B DOUBLE HUNG PAIR | TYPE C FIXED | TYPE D DOUBLE CASEMENT FIXED CENTER | TYPE E CASEMENT | TYPE F AWNING | TYPE G DOUBLE HUNG

WINDOW SCHEDULE NOTES

1. CONTRACTOR TO ENSURE PROPER WORKING ORDER AND WEATHERTIGHTNESS. CONTRACTOR SHALL PERFORM SURVEY OF ALL (E) WINDOW OPENINGS. VERIFY THE QUANTITY AND CONDITION OF FRAME, SASH, GLAZING, FLASHING, AND HARDWARE. NOTIFY ARCHITECT WHEN DIFFERENCES BETWEEN THOSE DEPICTED IN THESE DOCUMENTS ARE FOUND.
2. WINDOW DIMENSIONS ARE NOMINAL. FIELD VERIFY ALL (E) OPENINGS AND NEW OPENINGS WHEN ALIGNING WITH (E).NOTIFY ARCHITECT WHEN DIFFERENCES BETWEEN THOSE DEPICTED IN THESE DOCUMENTS ARE FOUND.
3. CONTRACTOR SHALL SURVEY (E) HARDWARE AND VERIFY WORKING ORDER OF LOCKS, PULLS, HINGES, PULLEYS, AND CORDS, WHERE OCCUR. SALVAGE, CATALOGUE FOR REHABILITATION, AND REINSTALL HARDWARE IN ORIGINAL LOCATIONS, U.O.N. IN SCHEDULE.
4. REMOVE ALL NON-HISTORIC AND/OR NON-FUNCTIONING FASTENERS, CONDUITS, AND ACCESSORIES, INCLUDING WINDOW TREATMENTS AND PROTECTIVE COVERS AND PLYWOOD. PATCH WINDOW ASSEMBLY SUBSTRATE(S) PRIOR TO APPLICATION OF FINISH, TYP.
5. CONTRACTOR SHALL PROTECT ALL (E) MATERIALS AND FINISHES TO REMAIN FROM DAMAGE DURING CONSTRUCTION. PROVIDE PROTECTION AS INDICATED AND NEEDED.
6. MATCH PROFILES AND DIMENSIONS OF (E) MOULDINGS/ELEMENTS.
7. CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO HISTORIC MATERIALS DURING CONSTRUCTION. ADDITIONALLY, CONTRACTOR IS RESPONSIBLE FOR REPAIR/REPLACEMENT COSTS.
8. PATCH AND REPAIR ALL EXTERIOR AND INTERIOR FINISHES SCHEDULED TO REMAIN INCLUDING TILE, WOOD, GYP. BOARD, PAINT, DECORATIVE PAINT, AND PLASTER ASSOCIATED WITH REMOVAL, REPAIR, OR INSTALLATION OF WINDOWS.
9. PATCH SUBSTRATE AS NEEDED TO MATCH ADJACENT WHERE ELEMENTS/FEATURES ARE BEING REMOVED OR DEMOLISHED.
10. WHERE FERROUS ELEMENTS OR ANCHORS ARE EXPOSED BY THE WORK, REMOVE CORROSION, PREPARE, PRIME, AND PAINT, TYP.
11. REMOVE ALL EXISTING CAULKING AND SEALANT. INSTALL (N) AT DISSIMILAR MATERIALS AS NEEDED. PAINT ALL URETHANE AND HYBRID SEALANT.
12. REPAIR DAMAGED INTERIOR TRIM TO MATCH EXISTING. REPLACE TO MATCH EXISTING WHERE MISSING OR DETERIORATED BEYOND REPAIR, TYP. PREPARE, PRIME, AND PAINT.
13. ALL GLASS TO REMAIN UNLESS BROKEN. REPLACEMENT GLASS SHALL BE TEMPERED IF REQUIRED BY CODE.
14. REPAIR CATEGORIES ARE ASSUMED TO BE W4 WHERE WINDOW ELEMENTS ARE INACCESSIBLE OR CONCEALED BY PARTITIONS, CEILINGS, WINDOW TREATMENTS, MILLWORK, OR OTHER OBSTRUCTIONS TO BE REMOVED. CONTRACTOR TO ASSESS AND VERIFY FOLLOWING DEMOLITION OR WHEN ACCESS IS AVAILABLE.

SCHEDULE ABBREVIATIONS

GLAZING TYPE KEY

IGU	INSULATED GLASS UNIT, LOW-E. CLEAR GLASS U.O.N.
CLR	CLEAR GLASS
OBS	OBSCURE GLASS
OPA	OPAQUE GLASS
LAM	LAMINATED PANE (INTERIOR PANE IF IGU)
TMP	TEMPERED GLASS

REPLACEMENT GLAZING KEY

(E)	EXISTING GLAZING TO REMAIN
R	REPLACE WITH MATCHING GLASS. PROVIDE SAFETY GLASS AS REQUIRED BY CODE
R/OBS	REPLACE WITH OBSCURE GLASS. SAFETY GLASS AS REQ'D
R/OPA	REPLACE WITH OPAQUE GLASS. SAFETY GLASS AS REQ'D

HARDWARE KEY

(E)	EXISTING TO REMAIN
(R)	REFURBISH HDWR. COUNTERWEIGHT SYSTEM TUNE-UP.

SAFETY GLAZING - WINDOWS

SAFETY GLAZING (NEW/REPLACEMENT GLAZING ONLY) AT:
- GLAZING WITHIN 24" OF A DOOR, 60" AFF OR BELOW (2406.4.2)
- GLASS PANES MORE THAN 9 SF IN AREA, WHERE THE BOTTOM IS LESS THAN 18" AND THE TOP MORE THAN 36" AFF, WITHIN 36" OF A WALKING SURFACE. (2406.4.3)
- GLAZING AT STAIRS, RAMPS, OR INTERMEDIATE LANDINGS, LESS THAN 60" ABOVE THE WALKING SURFACE (2406.4.6)
- GLAZING AT STAIRS BOTTOM LANDINGS, LESS THAN 60" ABOVE THE WALKING SURFACE AND WITHIN 60" OF THE BOTTOM TREAD (2406.4.7)

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ALAMEDA COUNTY

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1	3/13/2026	100% SCHEMATIC DESIGN
2	4/30/2026	70% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION
15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title
WINDOW & LOUVER SCHEDULES & TYPES

Drawing No.
A6.21

SKA Project Number: 25001

NOT FOR CONSTRUCTION

FINISH & MATERIAL SCHEDULE

FINISH			PRODUCT						
No.	TYPE	DESCRIPTION	MFR	NUMBER	NAME	COLOR	SIZE	SLIP RESISTANCE	REMARKS
CARPET									
CP-1	CARPET	BROADLOOM CARPET	MOHAWK	KC227	HUMBLE	948 ROUTE	12 FL W.	0.165" PILE, ADHERED	
CEILING									
CL-1	CEILING	GYPSUM WALL BOARD CEILING, PLASTER SKIM COAT, PAINTED	PER GC			PT-1	5/8"		EGGSHELL FINISH
CL-2	CEILING	GYPSUM WALL BOARD CEILING, PAINTED	PER GC			PT-1	5/8"		EGGSHELL FINISH
CERAMIC TILE									
CT-1	CERAMIC TILE	CERAMIC FLOOR TILE	DALTILE	PT46	GREY PALISSANDRO & THASSOS MAZE	GRAY AND WHITE SQUARE TILES	4" X 4"	≥0.42 DCOF	FINISH: MATTE DCOF > 0.42 PER ANSI A137.1-A326.3
CT-2	CERAMIC TILE	CERAMIC TRIM TILE	DALTILE	A34C1MOD	COLOR WHEEL TRIM	DESERT GRAY	4" X 12"		ROUND TOP COVE BASE
FLOOR TILE									
VCT-1	FLOOR TILE	CLASS IIII PRINTED VINYL PLANK	NORA BY INTERFACE	A000209	NATURAL WOOD GRAINS	MAHOGANY	20" X 40"	≥0.55 DCOF	FOLLOW MAN'F INSTALLATION INSTRUCTIONS
PAINT									
PT-1	PAINT	INTERIOR PAINT - ZERO-VOC	BENJAMIN MOORE	2148-60		TIMID WHITE			FLAT AT CEILINGS, EGGSHELL AT WALLS
PT-2	PAINT	INTERIOR PAINT - ZERO-VOC	BENJAMIN MOORE	AF-70		BATTENBERG			EGGSHELL AT WALLS
PT-3	PAINT	INTERIOR PAINT - ZERO-VOC	BENJAMIN MOORE	HC-161		TEMPLETON GREY			SEMIGLOSS AT TRIM, EGGSHELL AT WALLS
PT-4	PAINT	INTERIOR PAINT - ZERO-VOC	BENJAMIN MOORE	AF-95		HUSH			SEMIGLOSS AT TRIM
TRANSITION STRIP									
TS-1	TRANSITION STRIP	TRANSITION STRIP	SCHLUTER		SCHIENE	BRUSHED SS 304 (EB)	AS REQUIRED		
WALL BASE									
WB-1	WALL BASE	RUBBER WALL BASE	NORA BY INTERFACE		ARTICLE 820	6202 ARMADILLO	4" H		
WB-2	WALL BASE	WOOD WALL BASE, STAINED				STN-1			TO MATCH EXISTING
WB-3	WALL BASE	WOOD WALL BASE, PAINTED				PT-3	4" H		
WALL PANEL									
FRP-1	WALL PANEL	FIBER-REINFORCED PANEL	MARLITE	WHITE	STANDARD FRP	P100 WHITE CLASS C	4'X8'		CUT TO SIZE
WINDOW COVERING									
SC-1	WINDOW COVERING	WINDOW SHADES	MECHOSHADE	ECOVEIL SCREENS 1350 SERIES	5% OPEN	1766 EGGSHELL	100" W MATERIAL		MANUAL SHADES IN RECESSED POCKET
SC-2	WINDOW COVERING	BLACKOUT SHADES	MECHOSHADE	CHELSEA BLACKOUT 0250 SERIES	OPAQUE	0253 GRAPHITE	126" W MATERIAL		MANUAL SHADES IN RECESSED POCKET

ROOM FINISH SCHEDULE

No.	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	TRIM FINISH	CEILING FINISH	CASEWORK	WINDOW COVERING
002	STORAGE 2							
003	STORAGE 1							
004	HALL 2							
101	RECEPTION	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
102	OPEN OFFICE	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
103	STAFF CONFERENCE ROOM	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
104	IT CLOSET	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		
105	HALL 1	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		
105	JANITOR CLOSET	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		
106	RESTROOM	CT-1	CT-2	PT-1	PT-3	CL-1, PT-1		SC-1, SC-2
107	TRAINING ROOM	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
108	MEDIUM CONFERENCE ROOM	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
109	SMALL CONFERENCE ROOM	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
201	STAIR HALL	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		
202	MEETING ROOM	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
203	PERSONAL OFFICE	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
204	PERSONAL OFFICE	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
205	BREAK ROOM	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
206	STAFF RESTROOM	CT-1	CT-2	PT-1	PT-3	CL-1, PT-1		SC-1, SC-2
206	COPY & STORAGE	VCT-1	WB-3	PT-2	PT-4	CL-1, PT-1		
207	OPEN OFFICE	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
208	PERSONAL OFFICE	CP-1	WB-3	PT-2	PT-4	CL-1, PT-1		SC-1, SC-2
210	CLOSET							

CLIENT

ALAMEDA COUNTY

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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

NOT FOR CONSTRUCTION

Drawing Title

ROOM FINISH SCHEDULES

Drawing No.

A6.31

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL NOTES:

I. GENERAL

1. MATERIALS AND WORKMANSHIP TO CONFORM WITH THE 2025 EDITION OF THE CALIFORNIA HISTORIC BUILDING CODE AND THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. THESE GENERAL NOTES SUPPLEMENT THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS. IN CASE OF CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, CONTACT THE ARCHITECT.
3. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY INDICATED BUT ARE OF SIMILAR CHARACTER TO DETAILS SHOWN, USE SIMILAR DETAILS OF CONSTRUCTION, SUBJECT TO REVIEW BY THE ARCHITECT.
4. DETAILS ON SHEETS TITLED "TYPICAL DETAILS" APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. SUCH DETAILS ARE NOT NOTED AT EACH LOCATION THAT THEY OCCUR.
5. DO NOT SCALE THE DRAWINGS.
6. PROVIDE MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO, BRACING AND SHORING FOR LOADS DURING CONSTRUCTION. RETAIN A REGISTERED CIVIL ENGINEER WHO IS PROPERLY QUALIFIED TO DESIGN BRACING, SHORING, ETC. VISITS TO THE SITE BY THE ARCHITECT, OWNER, ENGINEER. WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS.
7. INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE ARCHITECT. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE ARCHITECT.
8. REFER TO ARCHITECTURAL DRAWINGS FOR SIZE AND LOCATION OF FLOOR, ROOF AND WALL OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE THE SIZE AND LOCATION OF OPENINGS ASSOCIATED WITH, BUT NOT LIMITED TO, ELECTRICAL, MECHANICAL AND PLUMBING TRADES. SUBMIT FINAL SIZING AND LOCATION REQUIREMENTS OF OPENINGS TO THE ARCHITECT FOR REVIEW.

II. FOUNDATION AND SITE WORK

1. THE DESIGN OF THE FOUNDATION SYSTEM IS BASED UPON THE CRITERIA AND RECOMMENDATIONS CONTAINED IN THE DRAFT GEOTECHNICAL INVESTIGATION REPORT ENTITLED GEOTECHNICAL INVESTIGATION PROPOSED REHABILITATION WHITECOTTON COTTAGE SAN LEANDRO, CALIFORNIA, MARCH 13, 2026
2. THE GEOTECHNICAL REPORT IS PART OF THE CONSTRUCTION DOCUMENTS.
3. LOCATE AND PROTECT EXISTING UTILITIES TO REMAIN DURING AND/OR AFTER CONSTRUCTION.
4. REMOVE ABANDONED FOOTINGS, UTILITIES, ETC. WHICH INTERFERE WITH NEW CONSTRUCTION, UNLESS OTHERWISE INDICATED.
5. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING, UNDERPINNING AND PROTECTION OF EXISTING CONSTRUCTION.
6. EXCAVATIONS FOR FOUNDATIONS MUST BE ACCEPTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING REINFORCING AND CONCRETE. NOTIFY THE GEOTECHNICAL ENGINEER WHEN EXCAVATIONS ARE READY FOR INSPECTION.
7. PLACE BACKFILL BEHIND RETAINING WALLS AFTER CONCRETE OR MASONRY HAS ATTAINED FULL DESIGN STRENGTH. BRACE BUILDING AND PIT WALLS BELOW GRADE FROM LATERAL LOADS UNTIL ATTACHED FLOORS AND SLABS ON GRADE ARE COMPLETE AND HAVE ATTAINED FULL DESIGN STRENGTH.
8. MECHANICALLY COMPACT EXCAVATION BACKFILLS IN LAYERS. PROVIDE THE FOLLOWING MINIMUM COMPACTION IN ACCORDANCE WITH THE ASTM D1557 TEST METHOD:

LOCATION	MAXIMUM DRY DENSITY
TRENCH AND WALL BACKFILL	90%
UPPER 6" OF SOIL BENEATH FILL	90%
FILL BENEATH SLAB ON GRADE	90%
FILL BENEATH FOOTINGS	95%
OTHER	90%

III. REINFORCING STEEL

1. REINFORCING TO CONFORM TO THE FOLLOWING, UNLESS OTHERWISE NOTED:

REINFORCING STEEL	TYPE
#5 AND SMALLER	ASTM A615, 60 KSI
#6 AND LARGER & BARS TO BE WELDED	ASTM A706, 60 KSI
HIGH STRENGTH REINF WHERE NOTED ON DWGS	ASTM A615, 75 KSI
1/2 INCH DIAMETER LOW RELAXATION SEVEN-WIRE POST-TENSIONING STRAND	ASTM A416, 270 KSI
WELDED STEEL WIRE FABRIC	ASTM A185, 70 KSI
SMOOTH DOWELS IN SLAB ON GRADE	ASTM A36, 36 KSI

2. MECHANICAL COUPLERS: TYPE 2 PER ACI-318, UNLESS OTHERWISE NOTED.
3. TERMINATE REINFORCING STEEL IN STANDARD HOOKS, UNLESS OTHERWISE SHOWN.

IV. CAST-IN-PLACE CONCRETE

1. CONCRETE IS REINFORCED AND CAST-IN-PLACE UNLESS OTHERWISE NOTED. WHERE REINFORCING IS NOT SPECIFICALLY SHOWN OR WHERE DETAILS ARE NOT GIVEN, PROVIDE REINFORCING SIMILAR TO THAT SHOWN FOR SIMILAR CONDITIONS, SUBJECT TO REVIEW BY THE OWNER'S REPRESENTATIVE. [SUBSTITUTION OF SHOTCRETE FOR CAST-IN-PLACE CONCRETE IS NOT ACCEPTABLE.]
2. ROUGHEN CONCRETE SURFACES OF CONSTRUCTION JOINTS TO 1/4 INCH AMPLITUDE AND CLEAN OF LAITANCE, FOREIGN MATTER, AND LOOSE PARTICLES AT THE FOLLOWING LOCATIONS: [WHERE CAST AGAINST EXISTING CONCRETE; AT WALL, COLUMN AND BEAM JOINTS; WHERE CAST EXISTING MASONRY/STONE, ETC.]
3. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR LOCATIONS OF ADDITIONAL CONCRETE CURBS AND HOUSEKEEPING PADS NOT SHOWN.
4. CONCRETE CLEAR COVER TO REINFORCING BARS IS AS FOLLOWS, UNLESS OTHERWISE NOTED:

LOCATION	CLEAR COVER
CONCRETE PLACED AGAINST EARTH	3 INCHES
FORMED SURFACES EXPOSED TO WEATHER OR IN CONTACT WITH EARTH:	
#6 BARS AND LARGER	2 INCHES
#5 BARS AND SMALLER	1 1/2 INCHES
SLABS ON GRADE (TOP CLEARANCE)	1 1/2 INCHES
BEAMS, GIRDERS AND COLUMNS NOT EXPOSED TO WEATHER OR EARTH:	1 1/2 INCHES
WALL OR SLAB SURFACES NOT EXPOSED TO WEATHER OR EARTH:	
#5 & SMALLER	3/4 INCH
#6 & #7	1 INCH
#8, #9, #10 & #11	1 1/2 INCHES
#14 & #18	2 1/2 INCHES

IV. CAST-IN-PLACE CONCRETE

5. CONCRETE TYPES:
   A. FOUNDATIONS, MISC CURBS, HOUSEKEEPING PADS, ETC:
      a. 28-DAY STRENGTH: F'C = 4,000 PSI
      b. TYPE: NORMAL WEIGHT
6. CONCRETE FILL THICKNESS SHOWN ON THE FRAMING PLANS ARE MINIMAL THICKNESSES. PROVIDE ADDITIONAL CONCRETE FILL OR LEVELING COMPOUND AS REQUIRED TO COMPENSATE FOR FRAME, DECK OR FORMWORK DEFLECTIONS AND CONSTRUCTION TOLERANCES, TO MAINTAIN FLOOR FLATNESS VALUES SPECIFIED.
7. CONCRETE EXPOSURE CLASSES: ALL CONCRETE TO BE EXPOSURE CLASS F0, S0, W0 AND C0 PER ACI 318 UNLESS OTHERWISE NOTED. CONCRETE MIXES TO ADDITIONALLY COMPLY WITH ACI 318 TABLES 19.3.2.1 AND 19.3.3.1.
8. NON-SHRINK GROUT: ASTM C1107, WITH MINIMUM COMPRESSIVE STRENGTH OF 8,000 PSI.

V. MECHANICAL ANCHORS

1. EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB-TZ2 (ICC-ESR-4266), SIMPSON STRONG-BOLT 2 (ICC-ESR-3037) OR DEWALT POWER-STUD+ SD2 (ICC-ESR-2502), UNLESS SPECIFICALLY NOTED OTHERWISE.
2. HEAVY DUTY SLEEVE ANCHORS INTO CONCRETE: HILTI HSL-3 ANCHORS (ICC-ESR-1545) OR DEWALT POWER-BOLT+ (ICC-ESR-3260).
3. UNDERCUT ANCHORS: HILTI HDA (ICC-ESR-1546)[, SIMPSON STRONG-TIE TORQ-CUT (ICC-ESR-2705); DEWALT ATOMIC+ UNDERCUT (ICC-ESR-3067).]
4. SCREW ANCHORS: HILTI HUS-EZ (ICC-ESR-3027), SIMPSON STRONG-TIE TITEN-HD (ICC-ESR-2713), OR DEWALT SCREW-BOLT + (ICC-ESR-3889).
5. ANCHORS INTO CMU: [HILTI KB-3 (ICC-ESR-1385); HILTI KB-TZ (ICC-ESR-3785)], [SIMPSON STRONG-TIE WEDGE-ALL (ICC-ESR-1396); SIMPSON STRONG-TIE TITEN-HD (ICC-ESR-1056)], OR DEWALT POWER STUD+ SD1 (ICC-ESR-9266).
6. ALL EMBEDMENT DEPTHS NOTED ON DRAWINGS ARE EFFECTIVE EMBEDMENT PER MANUFACTURER.
7. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
8. PROVIDE STAINLESS STEEL FASTENERS FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE GALVANIZED CARBON STEEL ANCHORS AT OTHER LOCATIONS, UNLESS OTHERWISE NOTED.
9. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR MAY NOT BE SHIFTED AS NOTED ABOVE, THE ENGINEER WILL DETERMINE A NEW LOCATION.
10. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.
11. ALL ANCHORS REQUIRE SPECIAL INSPECTION BY OWNER'S TESTING AND INSPECTION AGENCY IN ACCORDANCE WITH THE ICC REPORTS AND THE CODE.
12. WEDGE, SLEEVE AND UNDERCUT ANCHORS REQUIRE PROOF TESTING. TEST [10%, 25%, 50%, 100%] OF ANCHORS TO THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE OR RECOMMENDED TORQUE IN ICC-ESR REPORT.

VI. ADHESIVE ANCHORS AND DOWELS

1. ANCHORS AND DOWELS INSTALLED INTO CONCRETE: HILTI HIT-RE-500-V3 (ICC-ESR-3814), SIMPSON STRONG-TIE SET - 3G (ICC-ESR-4057) OR DEWALT PURE 110+ (ICC ESR 3298). ALL EMBEDMENT DEPTHS NOTED ON DRAWINGS ARE EFFECTIVE EMBEDMENT PER MANUFACTURER.
2. ANCHORS AND DOWELS INSTALLED INTO CONCRETE MASONRY UNITS (CMU): HILTI HIT-HY 270 (ICC-ESR-4143), SIMPSON STRONG-TIE SET-XP (IAPMO UES ER-265) OR DEWALT AC100+ GOLD (ICC-ESR-3200).
3. ALL ANCHORS REQUIRE SPECIAL INSPECTION BY THE OWNER'S TESTING AND INSPECTION AGENCY IN ACCORDANCE WITH THE ICC-ESR REPORTS AND THE CODE.
4. THE TESTING LABORATORY IS TO PERFORM TENSION TESTS ON [10%, 25%, 50%, 100%] OF ANCHORS AND DOWELS INSTALLED INTO CONCRETE TO THE FOLLOWING TEST LOADS:

ROD DIA OR BAR SIZE	CMIN	TEST LOAD (LBS)	
		ANCHOR LOCATED > CMIN & < 12" FROM EDGE	ANCHOR LOCATED > 12" FROM EDGE
3/8", #3	2"	1,300	1,600
1/2", #4	2 1/2"	2,000	3,400
5/8", #5	3"	2,800	4,200
3/4", #6	4"	3,700	5,000
7/8", #7	4 1/2"	3,700	5,000
1", #8	5"	4,800	6,100

5. ANCHORS AND DOWELS INSTALLED INTO UNREINFORCED BRICK MASONRY (URM): HILTI-HY 270 (ICC-ESR-4144), SIMPSON STRONG-TIE SET (ICC-ESR-1772), OR DEWALT AC100+ GOLD (ICC-ESR-4105). USE SCREENS AS SPECIFIED BY THE MANUFACTURER.
6. THE TESTING LABORATORY IS TO PERFORM TENSION TESTS ON [10%, 25%] OF ANCHORS AND DOWELS TO THE FOLLOWING TEST LOADS:

ROD DIA OR BAR SIZE	EMBEDMENT	TEST LOAD	BASE MATERIAL
5/8"	12"	3000 #	URM
3/4"	12"	3000 #	URM

7. ANCHORS: ASTM A36 THREADED RODS WITH ASTM A563 GRADE A NUTS AND ANSI B18.22.1 TYPE A WASHERS, UNLESS OTHERWISE NOTED. ANCHORS DESIGNATED AS ASTM A193 GRADE B7 THREADED RODS TO USE ASTM A563 GRADE DH HEAVY HEX NUTS AND ASTM F436 WASHERS.
8. REBAR DOWELS: ASTM A615 GRADE 60 REINFORCING STEEL.
9. INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
10. IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE DOWEL AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR OR DOWEL MAY NOT BE SHIFTED AS NOTED ABOVE, THE ENGINEER WILL DETERMINE A NEW LOCATION.
11. LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH ADHESIVE ANCHORS.

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

Owner

NOTE: If this drawing is not 22"x34" it has been revised from its original size and the scales noted on drawing/details are no longer applicable.

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Revision Number	DATE	ISSUE DESCRIPTION
2	5/14/2026	100% DD

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

NOT FOR CONSTRUCTION

Drawing Title

GENERAL NOTES

Drawing No.

S0.01

SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION

GENERAL NOTES CONTINUED:

VII. ROUGH CARPENTRY

1. FRAMING LUMBER: DOUGLAS FIR (COAST REGION) GRADED AND MARKED IN ACCORDANCE WITH THE STANDARD GRADING RULES NO. 17 OF THE WEST COAST LUMBER INSPECTION BUREAU (W.C.L.I.B.) OR WESTERN LUMBER GRADING RULES, OF THE WESTERN WOOD PRODUCTS ASSOCIATION (W.W.P.A.). USE LUMBER OF THE FOLLOWING GRADES:

MEMBER	MOISTURE CONTENT	WOOD/GRADE
SILLS	19%	DF #1 PRESSURE OR PRESERVATIVE TREATED OR FOUNDATION GRADE REDWOOD
STUDS	19%	DF #2
JOISTS, PLANKS AND PLATES	15%	DF #1
BEAMS, 5" & WIDER	GREEN	DF SELECT STRUCTURAL
BEAMS, 4" & NARROWER	GREEN	DF #1
POSTS, 6X6 & LARGER	GREEN	DF SELECT STRUCTURAL
POSTS, 4X6 & SMALLER	19%	DF #1
SLEEPER	19%	DF #1 PRESSURE OR PRESERVATIVE TREATED
BLOCKING & BRIDGING	15%	DF #2
PLYWOOD BLOCKING	19%	DF #1
BACKING, STRIPPING AND FURRING	19%	CONSTRUCTION

2. WOOD FRAMING SIZES ON DRAWINGS ARE STATED IN TERMS OF STANDARD NOMINAL SIZES

3. PANEL SHEATHING: PROVIDE WOOD STRUCTURAL PANELS WITH THE APPROPRIATETRADEMARK OF APA-THE ENGINEERED WOOD ASSOCIATION AND MEET THE REQUIREMENTS OF THE VOLUNTARY PRODUCT STANDARD PS-1 OR PS-2 AND APA PRP-108 PERFORMANCE STANDARD, AND THE FOLLOWING UNLESS OTHERWISE NOTED:
   - A. EXPOSURE 1.
   - B. GRADE: STRUCT 1.
   - C. ROOF/FLOOR SPAN RATING: 32/16 MINIMUM.
   - D. PLYWOOD PANELS TO BE 5-PLY MINIMUM, EXCEPT 3/8" PANELS TO BE 3-PLY MINIMUM.
   - E. PLYWOOD TO BE CC GRADE WHERE EXPOSED TO WEATHER; CD GRADE ELSEWHERE.

4. ROUGH HARDWARE:
   - A. NAILS: COMMON WIRE NAILS, STANDARD LENGTHS UON. USE HOT-DIPPED ZINC-COATED GALVANIZED NAILS FOR EXTERIOR INSTALLATIONS AND WHEN PENETRATING PRESSURE TREATED OR FIRE-RETARDANT LUMBER.
   - B. BOLTS AND THREADED RODS: ASTM A307, SQUARE OR HEXAGONAL HEAD MACHINE BOLTS WITH ASTM A563 NUTS. USE [MALLEABLE IRON WASHERS; ASTM F844 WASHERS] UNDER HEAD AND NUT WHEN IN CONTACT WITH WOOD. AT SILL PLATES USE 3"X3"X1/4" MINIMUM PLATE WASHERS.
   - C. LAG SCREWS: ASTM A307. USE ASTM F844 WASHERS UNDER HEAD WHEN IN CONTACT WITH WOOD.
   - D. SCREWS: ASTM A307, ANSI/ASME STANDARD B18.6.1. USE CADMIUM-PLATED PAN OR ROUND HEADED WOOD SCREWS AT STEEL TO WOOD AND WOOD TO WOOD CONNECTIONS.
   - E. MISCELLANEOUS STEEL: ASTM A36.
   - F. BOLTS, NUTS, WASHERS, STRAPS AND OTHER HARDWARE EXPOSED TO THE WEATHER TO BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
   - G. FRAMING CLIPS, SHEET METAL STRAPS, ETC.: SIMPSON STRONG-TIE. PROVIDE Z-MAX COATING WHERE ATTACHED TO PRESERVATIVE TREATED LUMBER.

5. NAILING:
   - A. PANEL SHEATHING:
     - a. AT FLOOR AND ROOF SHEATHING, USE RING SHANK NAILS WITH SHANK DIAMETER EQUAL TO SPECIFIED COMMON NAIL DIAMETER. USE SMOOTH SHANK NAILS AT WALLS.
     - b. GLUE FLOOR SHEATHING AT ALL POINTS OF CONTACT.
   - B. PROVIDE MINIMUM NAILING PER TABLE 2304.10.1 OF THE [CBC, IBC] U.O.N.

6. INSTALL SOLID BLOCKING BETWEEN JOISTS AT ENDS AND OVER SUPPORTS. PROVIDE 2 INCH BY 3 INCH CROSS BRIDGING, METAL BRIDGING, OR SOLID BLOCKING BETWEEN JOISTS IN SPANS EQUALLY SPACED 8 FEET ON CENTER MAXIMUM AND WHERE INDICATED.

VIII. STRUCTURAL TESTS, INSPECTIONS, AND OBSERVATIONS

1. AN INDEPENDENT TESTING AGENCY AND SPECIAL INSPECTORS WILL BE RETAINED BY THE OWNER TO PERFORM TESTS AND INSPECTION.

2. THE FOLLOWING ITEMS REQUIRE TESTS AND INSPECTIONS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CHAPTER "STRUCTURAL TESTS AND INSPECTIONS" OF THE APPLICABLE CODE. REQUIREMENTS FOR TESTS AND INSPECTIONS ARE IDENTIFIED IN THE SPECIFICATIONS.
   - A. SOILS AND EXCAVATIONS
   - B. PILES
   - C. DRILLED PIERS
   - D. REINFORCING STEEL
   - E. POST-TENSIONING
   - F. CAST-IN-PLACE CONCRETE
   - G. SHOTCRETE
   - H. PRE-CAST CONCRETE
   - I. CONCRETE MASONRY
   - J. STRUCTURAL STEEL
   - K. STEEL JOISTS
   - L. METAL DECK
   - M. POST-INSTALLED ANCHORS
   - N. ROUGH CARPENTRY
   - O. ENGINEERED LUMBER
   - P. FIBER REINFORCED POLYMER (FRP)
   - Q. SEISMIC FORCE RESISTING SYSTEM (SFRS)

3. PROVIDE TESTS AND INSPECTIONS IN ACCORDANCE WITH THE [CITY OF XXXX , OSHPD, DEFINE] TESTING AND INSPECTION FORM. REQUIREMENTS FOR TESTS AND INSPECTIONS ARE IDENTIFIED IN THE SPECIFICATIONS.

4. NOTIFY THE ENGINEER AT SIGNIFICANT CONSTRUCTION STAGES 72 HOURS IN ADVANCE AND PROVIDE ACCESS FOR THE FOLLOWING STRUCTURAL OBSERVATIONS:
   - A. FOUNDATIONS
     - a. REINFORCEMENT
   - B. STEEL FRAMING
     - a. FRAMING – BEAMS AND COLUMNS
     - b. MOMENT FRAMES
     - c. BRACED FRAMES
     - d. METAL DECKING AND SHEAR CONNECTORS
   - C. WOOD FRAMING
     - a. FRAMING – BEAMS AND COLUMNS
     - b. SHEAR WALLS AND HOLD-DOWNS
     - c. DIAPHRAGMS AND COLLECTORS
   - D. CONCRETE
     - a. WALL REINFORCEMENT AND BOUNDARY ELEMENTS
     - b. FRAME REINFORCEMENT – BEAMS AND COLUMNS
     - c. SUSPENDED SLAB REINFORCING
   - E. MASONRY
     - a. ALL REINFORCEMENT AND BOUNDARY ELEMENTS
     - b. MEMBER CONNECTIONS TO MASONRY
   - F. FIBER REINFORCED POLYMER (FRP)
     - a. SURFACE PREPARATION
     - b. INSTALLATION OF FRP

IX. DESIGN CRITERIA

1. APPLICABLE CODE: 2025 CALIFORNIA HISTORIC BUILDING CODE

2. FOUNDATIONS HAVE BEEN DESIGNED WITH THE FOLLOWING CRITERIA:
   - A. INDIVIDUAL SPREAD FOOTINGS:
     - a. ALLOWABLE SOIL PRESSURE FOR DL + LL = 4,000 PSF
     - b. ALLOWABLE SOIL PRESSURE FOR DL + LL + EQ = 5,333 PSF
     - c. COEFFICIENT OF FRICTION = 0.3
     - d. PASSIVE RESISTANCE = [DEFINE]
   - B. CONTINUOUS STRIP/ WALL FOOTINGS:
     - a. ALLOWABLE SOIL PRESSURE FOR DL + LL = 4,000 PSF
     - b. ALLOWABLE SOIL PRESSURE FOR DL + LL + EQ = 5,333 PSF
     - c. COEFFICIENT OF FRICTION = 0.3
     - d. PASSIVE RESISTANCE = [DEFINE]
   - C. DRILLED PIERS:
     - a. ALLOWABLE SURFACE FRICTION: 750 PSF
     - b. ALLOWABLE END BEARING: 4,000 PSF

3. GRAVITY LOADS:
   - A. DEAD LOADS - VARY BASED ON ACTUAL BUILDING AND EQUIP OPERATING WEIGHTS
   - B. LIVE LOADS:
     - a. ROOF 20 PSF (REDUCIBLE)
     - b. FLOOR 40 PSF (REDUCIBLE)

4. LATERAL/SEISMIC FORCE RESISTING SYSTEM (SFRS):
   - A. ALL LATERAL LOAD RESISTANCE AND STABILITY OF THE BUILDING IN THE COMPLETED STRUCTURE IS PROVIDED BY WOOD SHEAR WALLS IN EACH ORTHOGONAL DIRECTION (SEE PLANS FOR LOCATION AND ORIENTATION). THE DIAGONALLY SHEATHED FLOORS ACT AS DIAPHRAGMS THAT TRANSFER THE LATERAL WIND AND SEISMIC FORCES TO THE SHEAR WALLS. THE SHEAR WALLS TRANSMIT THE LOADS TO THE BUILDING FOUNDATION.

5. SEISMIC DESIGN:
   - A. SEISMIC RESPONSE COEFFICIENT: Cs= 0.283
   - B. DESIGN BASE SHEAR: V = 25 KIPS (NORTH-SOUTH)
     V = 24 KIPS (EAST-WEST)

     WHERE: R= 6.5 FOR LIGHT FRAME WOOD SHEAR WALLS
     SS= 2.42
     S1= 0.85
     SDS= 1.68
     SD1= 1.24
     SEISMIC IMPORTANCE FACTOR (IE): 1.0
     RISK CATEGORY: II
     SITE CLASS: E
     SEISMIC DESIGN CATEGORY: D
     RHO= 1.3 (NORTH-SOUTH), 1.3 (EAST-WEST)
   - C. ANALYSIS PROCEDURE: LINEAR STATIC
   - D. BASE LEVEL USED IN ANALYSIS: GROUND
   - E. STRUCTURAL IRREGULARITIES:
     - a. VERTICAL: IN-PLANE DISCONTINUITIES IN VERTICAL LATERAL FORCE RESISTING SYSTEM
     - b. HORIZONTAL: [REFERENCE CODE TYPE FROM TABLE]

6. WIND DESIGN:
   - A. BASIC WIND SPEED V (ULTIMATE): [DEFINE] MPH
   - B. WIND EXPOSURE: [A, B, C]
   - C. RISK CATEGORY: [I, II, III, IV]
   - D. INTERNAL PRESSURE COEFFICIENT: GCPI = +/- [DEFINE]

7. DEFLECTION CRITERIA:
   - A. POST COMPOSITE TOTAL SUPER-IMPOSED LOAD (D+L):
     - a. FLOORS = L/240
     - b. ROOF = L/240

9. DESIGN TEAM

JAY YIN	ASSOCIATE PRINCIPAL
KEVIN McENTEE	ENGINEER
ADDIE ALBRO	ENGINEER
KATRINA MILLER	BIM SPECIALIST

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

Owner

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Revision Number	DATE	ISSUE DESCRIPTION
2	5/14/2026	100% DD

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
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OAKLAND, CA 94607

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Drawing Title

GENERAL NOTES

Drawing No.

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SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION

ABBREVIATIONS

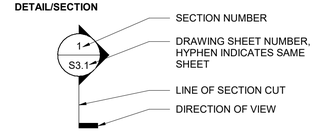
(E)	EXISTING
#	NUMBER
&	AND
@	AT
Ø	DIAMETER OR ROUND
ℓd	DEVELOPMENT LENGTH
ℓdh	HOOK DEVELOPMENT LENGTH
ℓs	LAP SPLICE LENGTH
AA	ADHESIVE ANCHOR
AB	ANCHOR BOLT
ABV	ABOVE
AC	ASPHALT CONCRETE
ADDL	ADDITIONAL
ADJ	ADJACENT
AGGR	AGGREGATE
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
APPROX	APPROXIMATE
AR	ANCHOR ROD
ARCH	ARCHITECTURAL / ARCHITECT
ASPH	ASPHALT
ASTM	AMERICAN SOCIETY for TESTING and MATERIALS
AWG	AMERICAN WIRE GAUGE
B.O.	BOTTOM OF
BF	BOTH FACES
BF	BRACED FRAME
BLDG	BUILDING
BLK, BLKG	BLOCK OR BLOCKING
BLW	BELOW
BM, BMS	BEAM, BEAMS
BN	BOUNDARY NAILING
BOF	BOTTOM OF FOOTING
BOT	BOTTOM
BRBF	BUCKLING RESTRAINED BRACE FRAME
BRCG	BRACING
BRG	BEARING
BS	BOTH SIDES
BSMT	BASEMENT
BTWN	BETWEEN
BW	BOTH WAYS
C	CHANNEL
CIP	CAST IN PLACE
CJ	CONSTRUCTION JOINT
CJP	COMPLETE JOINT PENETRATION
CL	CENTERLINE
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONSTR	CONSTRUCTION
CONT	CONTINUOUS
CSK	COUNTERSINK
CTR	CENTER
d	PENNY (NAIL SIZE)
DBA	DEFORMED BAR ANCHOR
DBL	DOUBLE
DEMO	DEMOLITION
DET, DETS	DETAIL, DETAILS
DIA, DIAM	DIAMETER
DIAG	DIAGONAL
DIM, DIMS	DIMENSION, DIMENSIONS
DIST	DISTANCE
DK, DKG	DECK OR DECKING
DN	DOWN
DO	DITTO
DP	DEEP
DS	DIAGONAL SHEATHING
DSA	DIVISION OF THE STATE ARCHITECT
DWG, DWGS	DRAWING, DRAWINGS
DWL, DWLS	DOWEL, DOWELS
EA	EACH
EBF	ECCENTRIC BRACE FRAME
EF	EACH FACE
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMBED	EMBEDMENT
EN	EDGE NAILING
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
ES	EACH SIDE
EW	EACH WAY
EXCAV	EXCAVATION
EXP	EXPANSION
EXT	EXTERIOR
FDN	FOUNDATION
FF	FAR FACE
FIN	FINISH
FLG	FLANGE
FLR, FLRS	FLOOR, FLOORS

FN	FIELD NAILING
FO	FACE OF
FOC	FACE OF CONCRETE
FOS	FACE OF STUD
FP	FIREPROOF
FRMG	FRAMING
FS	FAR SIDE
FT	FOOT OR FEET
FTG, FTGS	FOOTING, FOOTINGS
GA	GAUGE
GALV	GALVANIZED
GL	GLU-LAM
GLB	GLU-LAM BEAM
GR	GRADE
GRND	GROUND
GYP	GYPSUM
HDG	HOT DIPPED GALVANIZED
HDR	HEADER
HK, HKS	HOOK, HOOKS
HORIZ, (H)	HORIZONTAL
HP	HIGH POINT
HSB	HIGH STRENGTH BOLTS
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
ID	INSIDE DIAMETER/DIMENSION
INFO	INFORMATION
JH	JOIST HANGER
JST,JSTS	JOIST, JOISTS
JT	JOINT
KO	KNOCK-OUT
L	ANGLE
LEV	LEVEL
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LOC	LOCATION
LONGIT	LONGITUDINAL
LP	LOW POINT
LT	LIGHT
LWC	LIGHTWEIGHT CONCRETE
MAX	MAXIMUM
MB	MACHINE BOLT
MECH	MECHANICAL
MEP	MECHANICAL, ELECTRICAL, PLUMBING DOCUMENTS
MEZZ	MEZZANINE
MF	MOMENT FRAME
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MTD	MOUNTED
MTL	METAL
NF	NEAR FACE
NIC	NOT IN CONTRACT
NOM	NOMINAL (DIAMETER)
NS	NEAR SIDE
NTS	NOT TO SCALE
NWC	NORMAL WEIGHT CONCRETE
OBF	ORDINARY BRACED FRAMES
OC	ON CENTER
OD	OUTSIDE DIAMETER
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
P-T	POST-TENSION
PC, PCS	PIECE, PIECES
PCC	PRECAST CONCRETE
PERP	PERPENDICULAR
PJP	PARTIAL JOINT PENETRATION
PL	PLATE
PLYWD	PLYWOOD
PT	PRESSURE TREATED
PTN	PARTITION
R	RADIUS
REBAR	REINFORCING BAR
REF	REFERENCE
REINF	REINFORCING
REQD	REQUIRED
REV	REVISION
RFG	ROOFING
RO	ROUGH OPENING
RSJ	ROLLED STEEL JOIST
S.A.D.	SEE ARCHITECTURAL DOCUMENTS/DRAWINGS
S.M.D.	SEE MECHANICAL DRAWINGS
SCHED	SCHEDULE
SECT	SECTION
SEOR	STRUCTURAL ENGINEER OF RECORD
SFRS	SEISMIC FORCE RESISTING SYSTEM
SHT	SHEET
SHTG	SHEATHING
SIM	SIMILAR

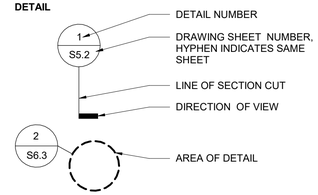
SL	SLOPE
SMF	SPECIAL MOMENT FRAME
SMS	SHEET METAL SCREW
SOG	SLAB ON GRADE
SP	STRUCTURAL PLYWOOD
SPEC, SPECS	SPECIFICATION, SPECIFICATIONS
SPSW	SPECIAL PLATE SHEAR WALL
SQ	SQUARE
SS	STAINLESS STEEL
STAG	STAGGER or STAGGERED
STD	STANDARD
STIF	STIFFENER
STIR	STIRRUP OR STIRRUPS
STL	STEEL
STRUCT	STRUCTURAL
SUB	SUBSTITUTE
SUSP	SUSPENDED
SYMM	SYMMETRICAL
T&B	TOP AND BOTTOM
T&G	TONGUE and GROOVE
T.O.	TOP OF
THK	THICK
THRD	THREADED
THRU	THROUGH
TN	TOE NAIL
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOS	TOP OF STEEL
TOW	TOP OF WALL
TR	TREAD
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
URM	UNREINFORCED MASONRY
VENT	VENTILATE
VERT, (V)	VERTICAL
VIF	VERIFY IN FIELD
W or WF	WIDE FLANGE
W/	WITH
W/O	WITHOUT
WD	WOOD
WP	WORK POINT
WS	WOOD SCREW
WT	WEIGHT/TEE SECTION
WWM	WELDED WIRE MESH
X HVY	EXTRA HEAVY
X STR	EXTRA STRONG
XX HVY	DOUBLE EXTRA HEAVY
XX STR	DOUBLE EXTRA STRONG

REFERENCE SYMBOLS

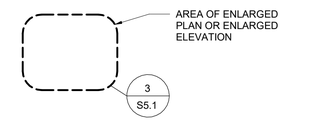
DETAIL/SECTION



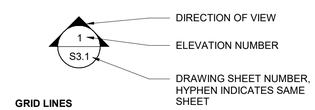
DETAIL



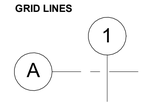
DETAIL PLAN OR ELEVATION



SINGLE ELEVATION



GRID LINES



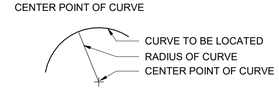
LEVEL LINE

WORK POINT

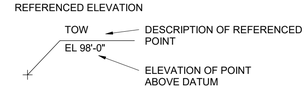
REVISION

KEY NOTE

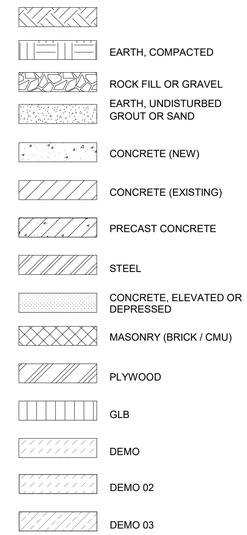
CENTER POINT OF CURVE



REFERENCED ELEVATION



MATERIAL SYMBOLS



SHEET INDEX

Sheet Number	Sheet Name
S0.01	GENERAL NOTES
S0.02	GENERAL NOTES
S0.03	SYMBOLS AND ABBREVIATIONS
S1.00	BASEMENT PLAN
S1.01	FIRST FLOOR FRAMING PLAN
S1.02	SECOND FLOOR FRAMING PLAN
S1.03	ROOF FRAMING PLAN
S2.00	WOOD TYPICAL DETAILS
S2.01	WOOD TYPICAL DETAILS
S2.02	DETAILS

CLIENT

Owner

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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

NOT FOR CONSTRUCTION

Drawing Title

SYMBOLS AND ABBREVIATIONS

Drawing No.

S0.03

SKA Project Number: C3C78027.01

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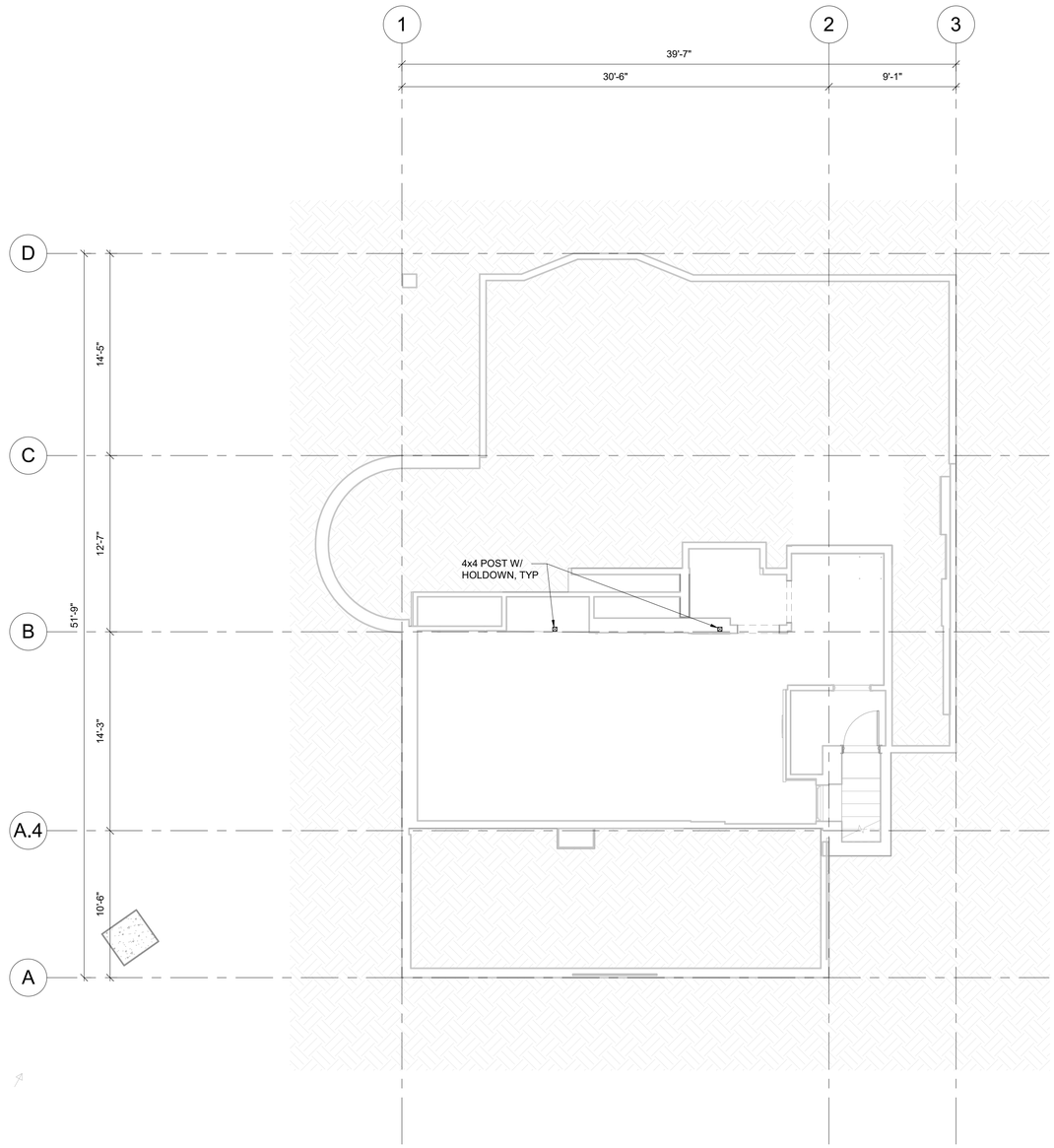

1 BASEMENT PLAN
3/16" = 1'-0"

CLIENT

GENERAL SERVICES AGENCY
GSA
COUNTY OF ALAMEDA

Owner

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Consultant

DEGENKOLB ENGINEERS
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OAKLAND, CA 94607

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Drawing Title
BASEMENT PLAN

Drawing No.
S1.00

SKA Project Number: C3C78027.01

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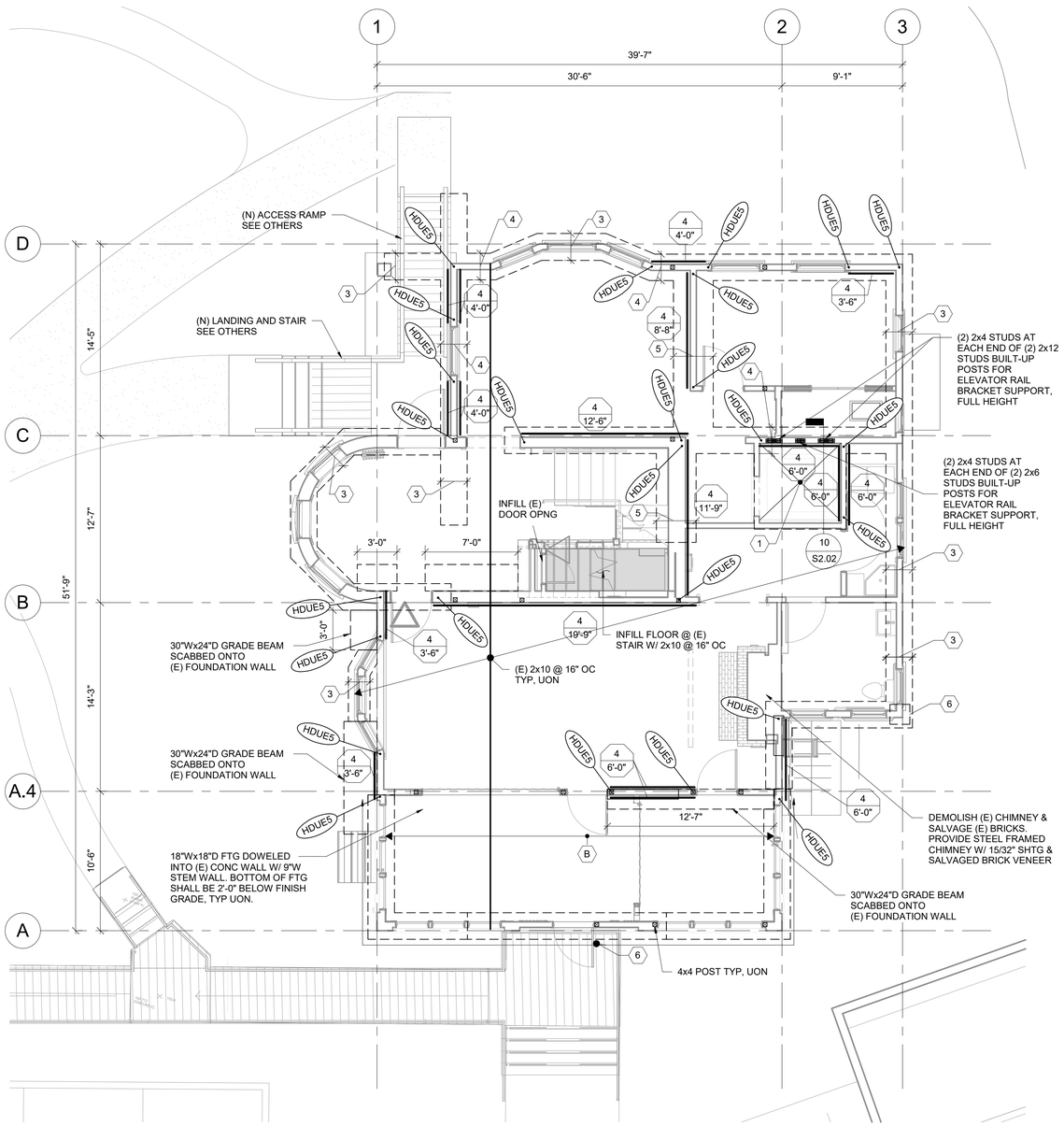

1 FIRST FLOOR FRAMING PLAN
3/16" = 1'-0"

LATERAL RESISTANCE PANEL SCHEDULE

ENGINEERED SHEAR WALLS	
MARK	CONSTRUCTION METHOD
6 / 0'-0"	15/32" SP W/ 6" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM
4 / 0'-0"	15/32" SP W/ 4" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM
3" / 0'-0"	15/32" SP W/ 3" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM
2" / 0'-0"	15/32" SP W/ 2" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM

*PROVIDE 3x MIN PANEL JOINTS

SHEET NOTES

1. ASSUME 5% OF DIAGONAL SHEATHING AND FLOOR JOISTS TO BE REPLACED.
2. ASSUME 10% OF EXTERIOR STUDS REQUIRE REPAIR BY SISTERING.

KEY NOTES

1. NEW ELEVATOR OPENING & PIT BLW. MODIFY EXISTING FLOOR FRAMING PER 10/S2.00
2. ASSUME ALL LEVEL 1 FRAMING ALONG GRID LINE A.4 WILL BE REPAIRED AS PART OF THE SHORING AND LIFTING OF LEVEL 1
3. 2'-0" W x 1'-8" D STRIP FOOTING TYPICAL TO REPLACE (E) FOOTING. PROVIDE SHORING
4. 2'-0" W X 2'-0" D STRIP FOOTING AT SHEAR WALLS TO REPLACE (E) FOOTING. PROVIDE SHORING
5. 3'-0" W X 2'-0" D STRIP FOOTING AT SHEAR WALLS TO REPLACE (E) FOOTING. PROVIDE SHORING
6. 1'-6"-0" W X 1'-6" HAND EXCAVATED PIERS, EXTEND TO 5'-6" BELOW EXISTING GROUND SURFACE. SPACED AT 4'-0" OC AT ALL STRIP FOOTINGS TYP, UON
7. PROVIDE TEMPORARY SHORING AND LIFT PORTION INDICATED TO LEVEL. ASSUME BUILDING NEEDS TO BE RAISED BY 6"± ALONG GRID LINE A.

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Owner

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15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

NOT FOR CONSTRUCTION

Drawing Title

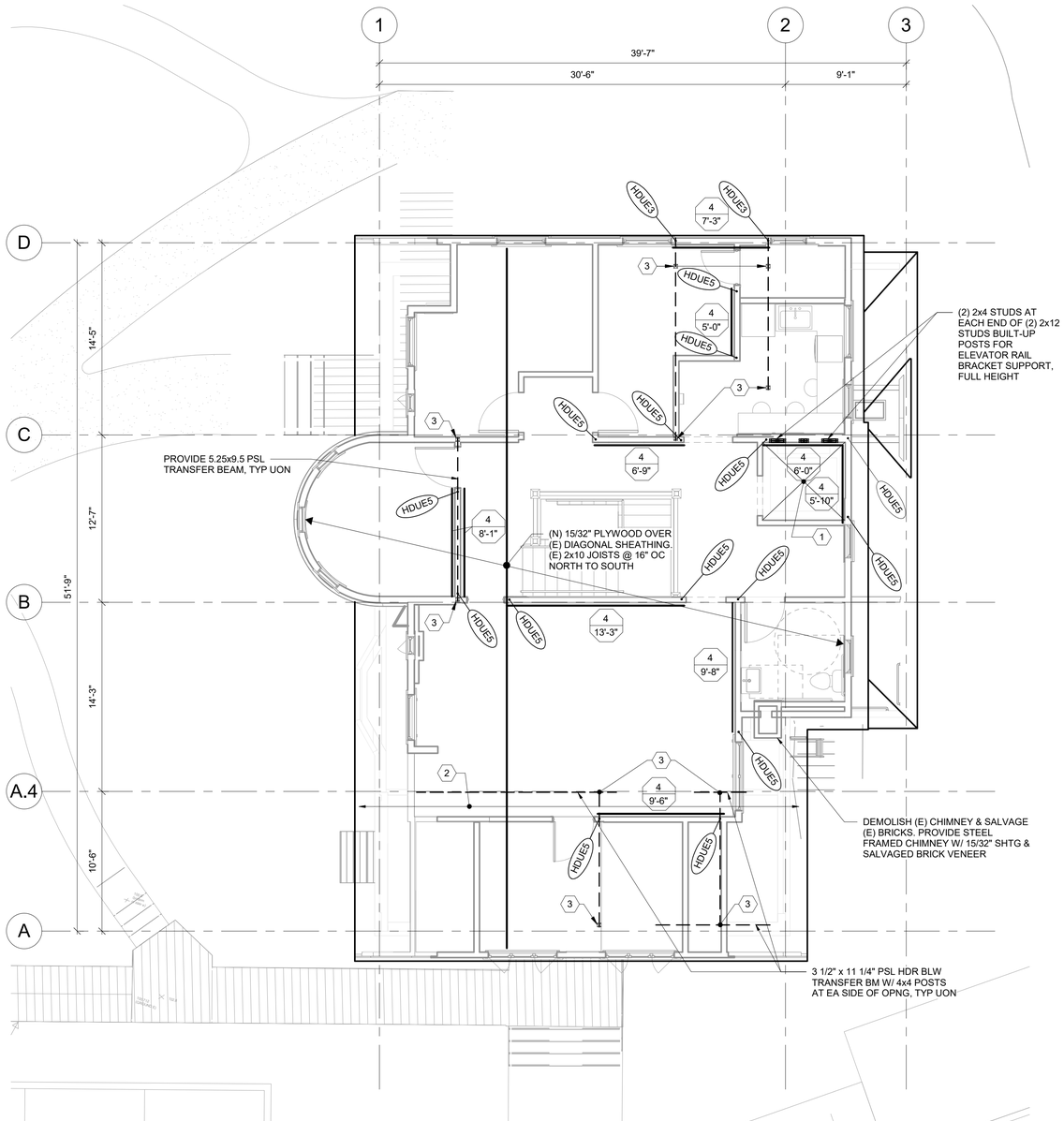
FIRST FLOOR FRAMING PLAN

Drawing No.

S1.01

SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION



1 SECOND FLOOR FRAMING PLAN
3/16" = 1'-0"

LATERAL RESISTANCE PANEL SCHEDULE

ENGINEERED SHEAR WALLS	
MARK	CONSTRUCTION METHOD
6 / 0'-0"	15/32" SP W/ 6" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM
4 / 0'-0"	15/32" SP W/ 4" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM
3" / 0'-0"	15/32" SP W/ 3" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM
2" / 0'-0"	15/32" SP W/ 2" BN, 12" FN 1/2" DIA A.B. @ 24" OC TO FDN OR 16d @ 6" OC TO DIAPHRAGM

*PROVIDE 3x MIN PANEL JOINTS

SHEET NOTES

1. ASSUME 5% OF DIAGONAL SHEATHING AND FLOOR JOISTS TO BE REPLACED.
2. ASSUME 10% OF EXTERIOR STUDS REQUIRE REPAIR BY SISTERING.

KEY NOTES

1. NEW ELEVATOR OPENING. MODIFY EXISTING FLOOR FRAMING SUCH THE EXISTING FRAMING IS SUPPORTED ON NEW ELEVATOR SHAFT WALL BELOW
2. ASSUME ALL LEVEL 2 FRAMING ALONG GRID LINE A.4 WILL BE REPAIRED AS PART OF THE SHORING AND LIFTING OF LEVEL 1
3. ATTACH TRANSFER BEAM TO POST OR HDR BELOW PER 4 / S2.02

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

Owner

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SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

NOT FOR CONSTRUCTION

Drawing Title

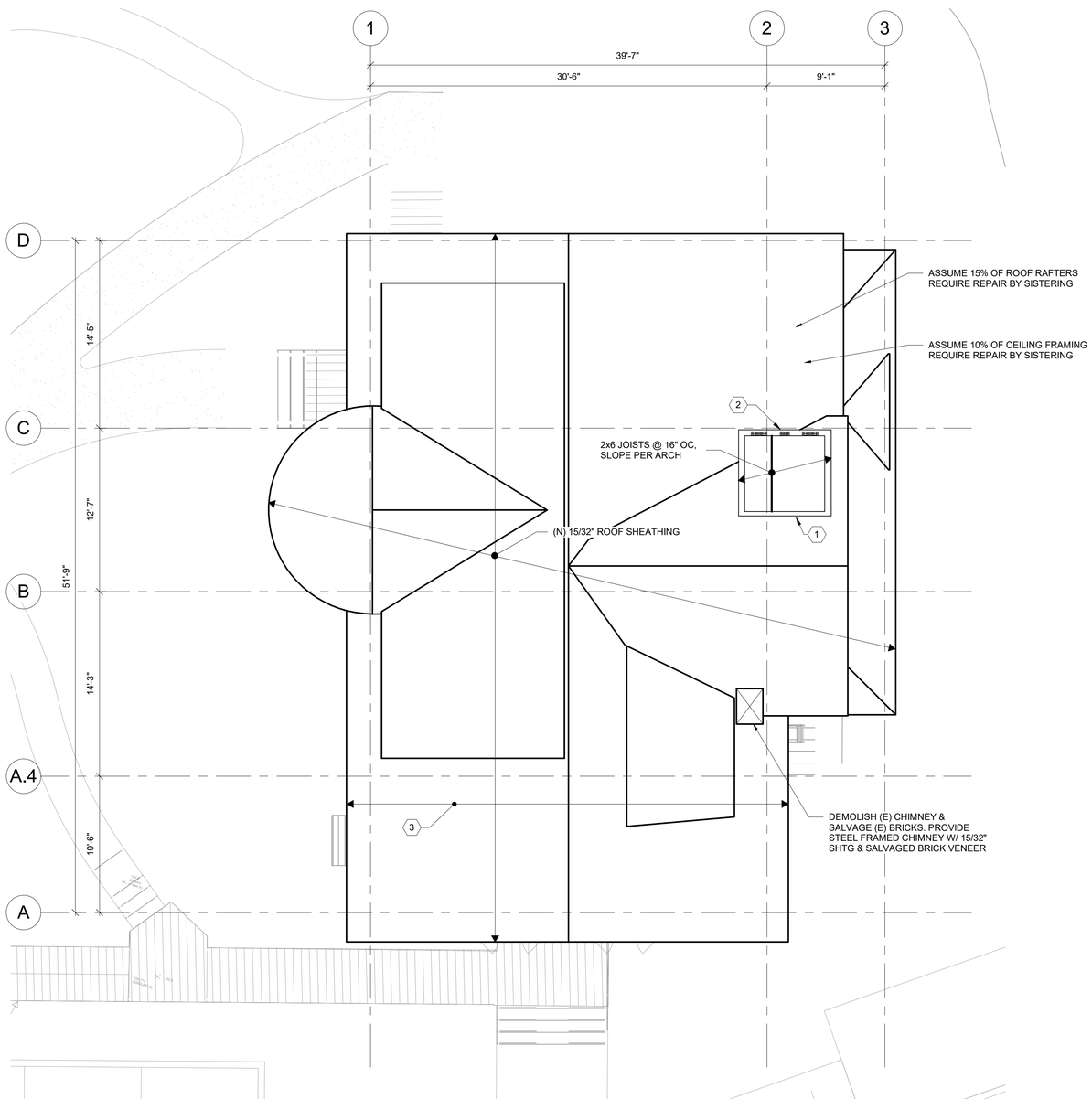
SECOND FLOOR FRAMING PLAN

Drawing No.

S1.02

SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION



1 ROOF FRAMING PLAN
3/16" = 1'-0"

KEY NOTES

1. NEW OPENING IN EXISTING ROOF FRAMING FOR ELEVATOR POP-UP. MODIFY EXISTING ROOF FRAMING SUCH THE EXISTING FRAMING IS SUPPORTED ON THE NEW ELEVATOR SHAFT WALL BELOW
2. NEW ELEVATOR POP UP FRAMING 4' TALL ABOVE EXISTING ROOF FRAMING. ASSUME 2x4 STUDS @ 16" OC W/ 15/32 SHEATHING ON THE EXTERIOR.
3. ASSUME ALL EXISTING CEILING FRAMING ALONG GRID LINE A.4 WILL BE REPAIRED AS PART OF THE SHORING AND LIFTING OF THE BUILDING

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

Owner

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SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

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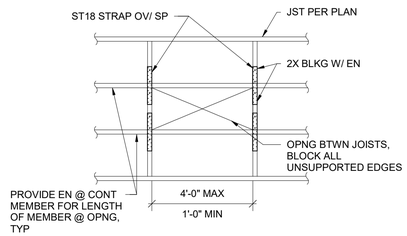
Drawing Title
ROOF FRAMING PLAN

Drawing No.
S1.03

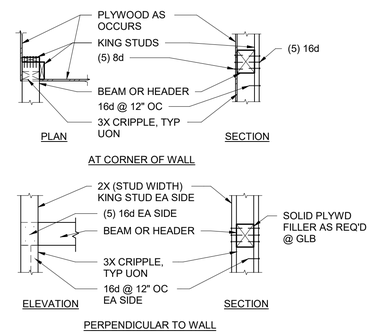
SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION

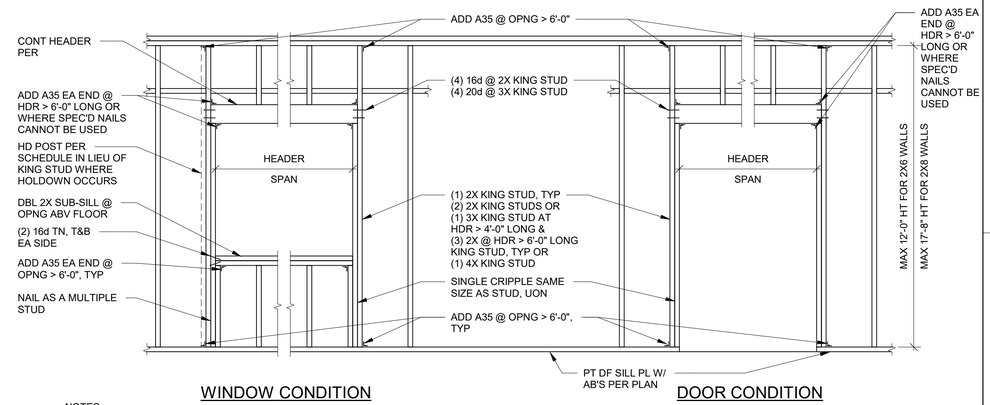


(FOR OPENINGS LESS THAN 1'-0", STRAPS NOT REQUIRED)

10 ROOF OPENING
1/2" = 1'-0"

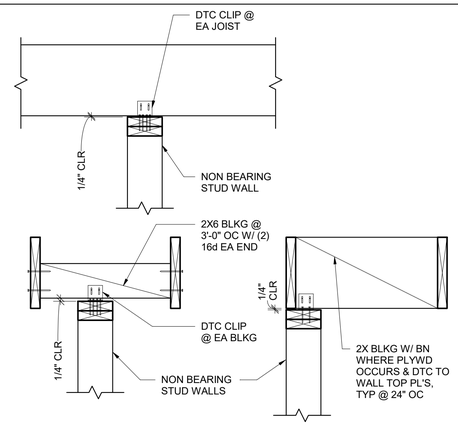


7 BEAM OR HEADER TO WALL
1/2" = 1'-0"

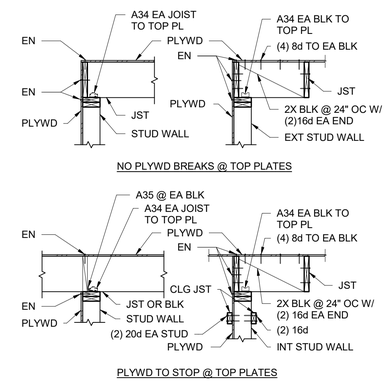


NOTES:
1. SEE PLANS & DETAILS FOR OPNGS > 8'-0" UON.

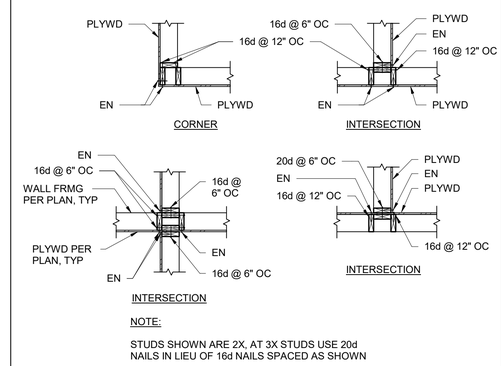
4 STUD WALL FRAMING
1/2" = 1'-0"



8 NON-BEARING WALL TO JOISTS
NTS



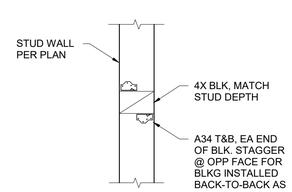
5 SHEAR WALL FRAMING TO JOISTS
1/2" = 1'-0"



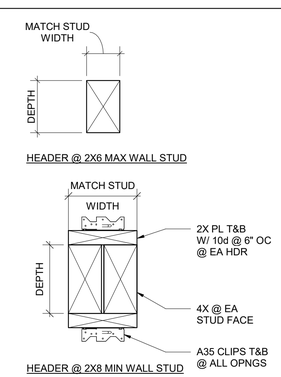
NOTE:

STUDS SHOWN ARE 2X, AT 3X STUDS USE 20d NAILS IN LIEU OF 16d NAILS SPACED AS SHOWN

2 SHEATHED STUD WALL FRAMING DETAILS
1/2" = 1'-0"

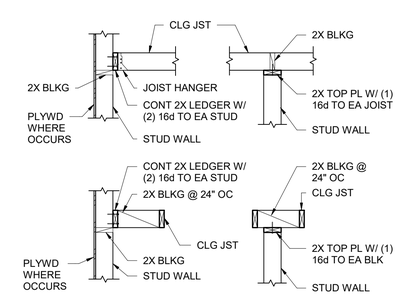


9 WALL BLOCKING AT STUDS
1" = 1'-0"



NOTES:
1. HEADERS ARE SOLID, ONE PIECE, SAME WIDTH AS STUDS UP TO 2X6
2. HEADER DEPTH IS 6X UP TO 4'-0" SPAN & 10X UP TO 8'-0" SPAN, UON
3. SEE PLANS FOR SPANS EXCEEDING 8'-0"

6 HEADER DETAIL
NTS



3 STUD WALL FRAMING TO CEILING
1/2" = 1'-0"

CLIENT

Owner

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WHITECOTTON COTTAGE REHABILITATION
15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

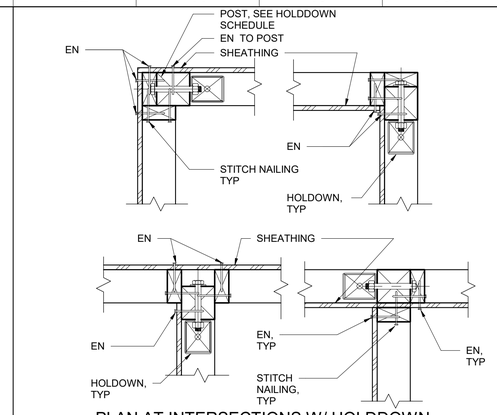
NOT FOR CONSTRUCTION

Drawing Title
WOOD TYPICAL DETAILS

Drawing No.
S2.00

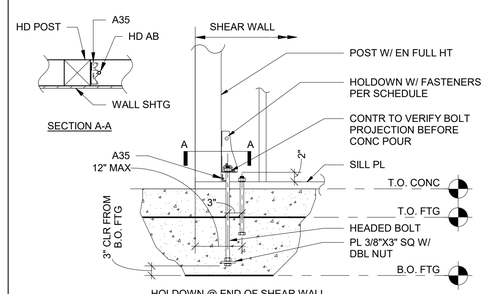
SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION

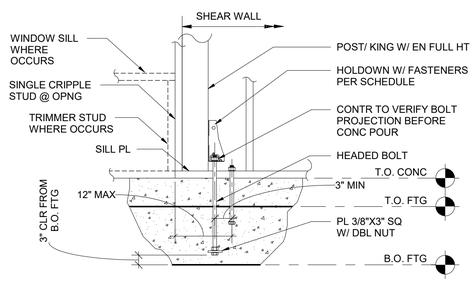


PLAN AT INTERSECTIONS W/ HOLDDOWN

7 HOLDOWN AT SHEAR WALL INTERSECTIONS
NTS



HOLDOWN @ END OF SHEAR WALL

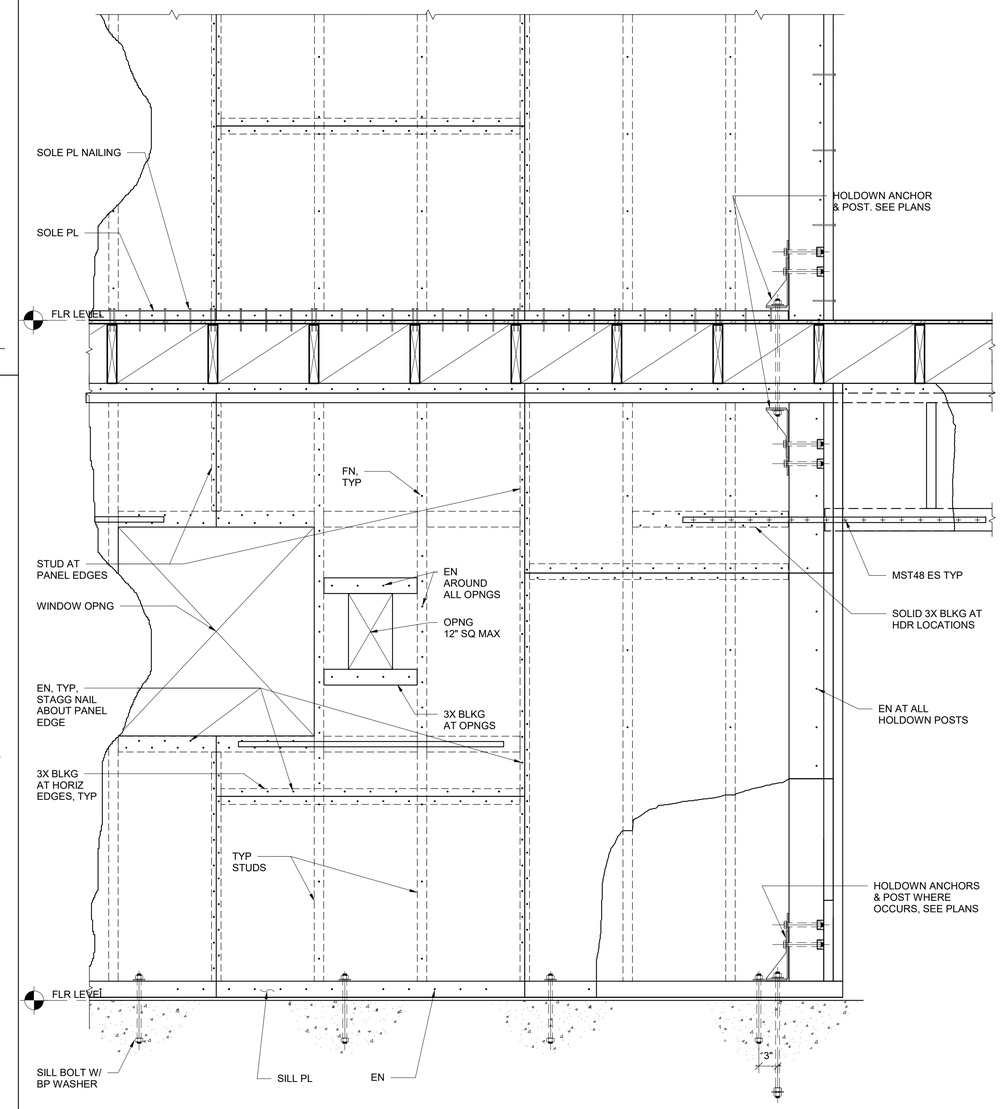


HOLDOWN @ DOOR OR WINDOW

SIMPSON HD NO	FASTENER (NO & TYPE)	HOLDOWN BOLT DIA	MIN POST REQ MATCH STUD WIDTH
HDU2	(6) ¼x2½ SDS	5/8"	4X
HDU4	(10) ¼x2½ SDS	5/8"	4X
HDUE5	(13) ¼x2½ SDS	5/8"	4X
HDU8	(20) ¼x2½ SDS	7/8"	6X
HDU11	(30) ¼x2½ SDS	1"	6X
HDU14	(36) ¼x2½ SDS	1"	6X
HDQ8	(20) ¼x3 SDS	7/8"	6X
HHDQ11	(24) ¼x2½ SDS	1"	6X
HHDQ14	(30) ¼x2½ SDS	1"	6X

NOTES:
1. HD'S DO NOT SUB FOR SILL BOLTS
2. INSTALL HOLDOWNS PER SIMPSON CATALOG EXCEPT ABOVE DETAILED ANCHOR BOLTS AS REQ'D

9 HOLDOWN SCHEDULE
3/4" = 1'-0"



NOTES:
1. INDIVIDUAL PANEL PIECES SHALL NOT BE LESS THAN 2'-0" IN LEAST DIMENSION NOR LESS THAN 8 SQ FT, UON
2. (2) SILL BOLTS MIN PER PIECE W/ 6" MIN & 12" MAX FROM EA END. DO NOT CONSIDER HOLDOWN ANCHOR BOLTS AS SILL BOLTS.
3. PLACE PANELS ON SAME SIDE OF WALL AS SYMBOL SHOWN ON PLAN.
4. FOR WALLS W/ PANELS APPLIED ON BOTH FACES OFFSET PANEL JOINTS TO FALL ON DIFFERENT FRAMING MEMBERS.
5. IF TOP OF CONCRETE IS NOT LEVEL PROVIDE A BED OF NON-SHRINK GROUT BELOW SILL PLATE FOR SOLID BEARING.
6. REFER TO SHEAR WALL DIAGRAM FOR ADDITIONAL REQUIREMENTS.

6 MULTI-STORY SHEAR WALL FRAMING
1" = 1'-0"

CLIENT

Owner

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Consultant

DEGENKOLB ENGINEERS
601 12TH STREET, SUITE 400
OAKLAND, CA 94607

NOT FOR CONSTRUCTION

Drawing Title

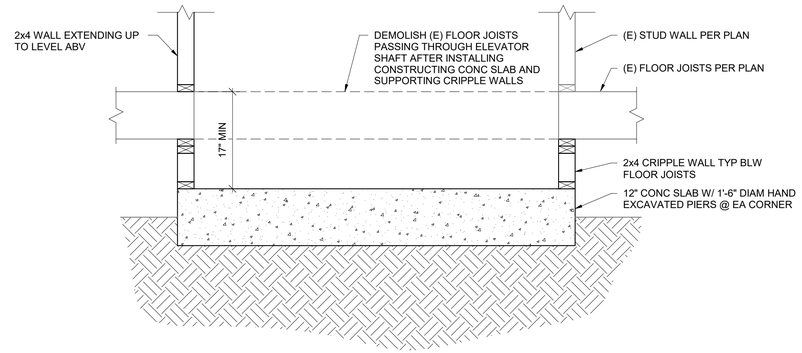
WOOD TYPICAL DETAILS

Drawing No.

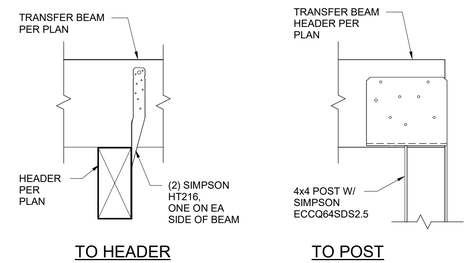
S2.01

SKA Project Number: C3C78027.01

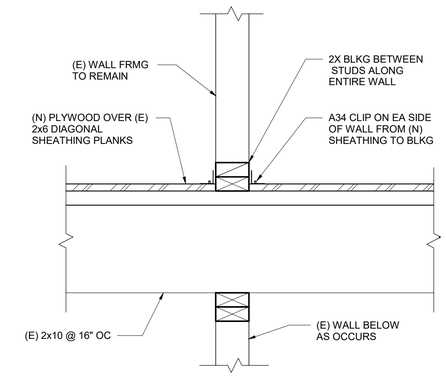
NOT FOR CONSTRUCTION



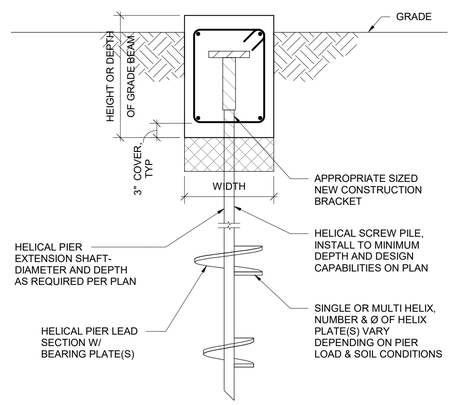
10 ELEVATOR SHAFT AND PIT (FIRST FLOOR)
3/4" = 1'-0"



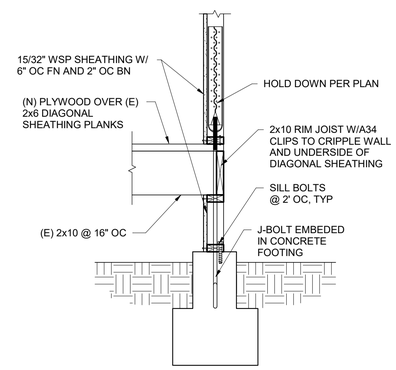
4 TRANSFER BEAM CONNECTIONS
NTS



1 (N) PLYWOOD AROUND (E) WALLS
NTS

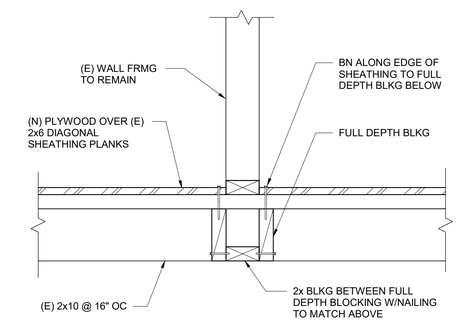


8 HELICAL PIER AT GRADE BEAM
3/4" = 1'-0"

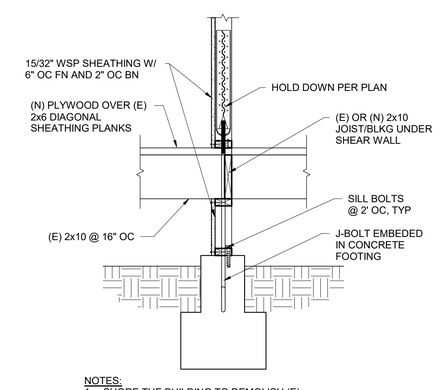


NOTES:
1. SHORE THE BUILDING TO DEMOLISH (E) FOOTING AND BUILD (N) FOOTING

5 (N) FOOTING UNDER (N) EXTERIOR SHEAR WALL
3/4" = 1'-0"

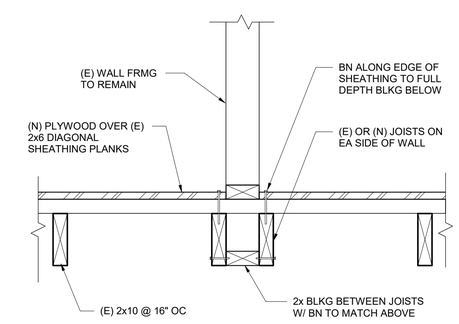


WALL PERPENDICULAR TO JOIST



NOTES:
1. SHORE THE BUILDING TO DEMOLISH (E) FOOTING AND BUILD (N) FOOTING

6 (N) FOOTING UNDER (N) INTERIOR SHEAR WALL
3/4" = 1'-0"



WALL PARALLEL TO JOIST

3 (N) PLYWOOD AROUND (E) WALLS (W/O WALL BELOW)
NTS

CLIENT

Owner

NOTE: If this drawing is not 22"x34" it has been revised from its original size and the scales noted on drawing/details are no longer applicable.

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Revision Number	DATE	ISSUE DESCRIPTION
2	5/14/2026	100% DD

Project

WHITECOTTON COTTAGE REHABILITATION
15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

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DEGENKOLB ENGINEERS
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OAKLAND, CA 94607

NOT FOR CONSTRUCTION

Drawing Title
DETAILS

Drawing No.
S2.02

SKA Project Number: C3C78027.01

NOT FOR CONSTRUCTION

MECHANICAL SYMBOL LIST

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

Abbreviations

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

Dampers

FIRE DAMPER

FIRE/SMOKE DAMPER

MOTORIZED DAMPER

SMOKE DAMPER

VOLUME DAMPER

Diffusers and Grilles

NECK SIZE | TAG
CFM — DIFFUSER OR GRILLE IDENTIFICATION

EXHAUST AIR

RETURN AIR

SUPPLY AIR

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

NON-SYMMETRICAL WYE

RECTANGULAR DUCT DROP

RECTANGULAR DUCT RISER

RECTANGULAR MAIN WITH RECTANGULAR BRANCH

RECTANGULAR MAIN WITH ROUND BRANCH

RECTANGULAR OFFSET LESS THAN 15%%d

RECTANGULAR OFFSET MORE THAN 15%%d

ROUND DUCT DROP

ROUND DUCT RISER

ROUND DUCT WITH ROUND BRANCH

ROUND WYE

SYMMETRICAL WYE

MITERED ELBOW WITH TURNING VANES

RADIUSED ELBOW

General

CONTINUATION

X/X — DETAIL NUMBER AND SHEET LOCATION

XX-X — EQUIPMENT IDENTIFICATION

X — KEYED NOTE

POINT OF CONNECTION

XXX — SECTION NUMBER AND SHEET LOCATION

30X16 — RECTANGULAR DUCT SIZING

30"Ø — ROUND DUCT SIZING

Piping Fittings, Appurtenances and Equipment

AIR SEPARATOR

AUTOMATIC AIR VENT

BFP — BACKFLOW PREVENTER

CAP

CONTINUATION

EXPANSION JOINT

EXPANSION LOOP

ET — EXPANSION TANK

FS — FLOW SWITCH

HE — HEAT EXCHANGER

HOSE BIBB

MANUAL AIR VENT

PIPE DROP

PIPE RISE

PIPE TO DRAIN

PRESSURE GAUGE WITH COCK

PRESSURE RELIEF VALVE

PRESSURE SENSOR

SHOCK ABSORBER

T&P RELIEF VALVE WITH PIPE TO DRAIN

TEE DOWN ON PIPE

TEE UP ON PIPE

TEMPERATURE SENSOR

TEST PORT (PETE'S PLUG OR EQUAL)

THERMOMETER

VENT TO ATMOSPHERE

M — WATER METER

Piping Systems

RL — REFRIGERANT LIQUID

RS — REFRIGERANT SUCTION

Piping Valves

CHECK VALVE

GLOBE VALVE

QUARTER TURN VALVE

VALVE, GENERAL

GENERAL MECHANICAL NOTES

A. PROVIDE MISCELLANEOUS METALS AND MATERIALS FOR A COMPLETE INSTALLATION (IE. SUPPORT, BRACING, ETC.)

B. PROVIDE EQUIPMENT SUBMITTAL, FOR REVIEW, IN ACCORDANCE WITH THE SPECIFICATIONS. DO NOT DELIVER TO THE JOB SITE ANY PRODUCTS WITHOUT PRIOR REVIEW BY THE ARCHITECT. SUBMIT ALL REQUIRED SUBMITTALS AT ONE TIME. AT CONTRACTOR 'S OPTION, 3 SEPARATE SUBMITTALS MAY BE SUBMITTED, CONSISTING OF: UNDERGROUND WORK, BUILDING WORK, AND BUILDING AUTOMATION SYSTEM – DEVIATIONS WILL BE RETURNED WITHOUT REVIEW. INCOMPLETE SUBMITTALS WILL BE RETURNED WITHOUT REVIEW. ENGINEER WILL PROVIDE MAXIMUM OF TWO REVIEWS OF SUBMITTAL PACKAGE. ARRANGE FOR ADDITIONAL REVIEWS AND/OR EARLY REVIEW OF LONG-LEAD ITEMS AND BEAR COSTS OF THESE ADDITIONAL REVIEWS AT ENGINEER'S STANDARD HOURLY RATES. SUBSTITUTION REQUESTS WILL NOT BE REVIEWED AFTER AWARD OF CONTRACT.

C. WHERE COMBINATION FIRE AND SMOKE DAMPER IS SHOWN IMMEDIATELY BEHIND A WALL MOUNTED GRILLE AND THERE IS INSUFFICIENT ACCESS AT DUCTWORK, ENLARGE THE WIDTH OF THE GRILLE AND FSD BY A MINIMUM OF 6 INCHES, OR AS OTHERWISE REQUIRED BY FSD MANUFACTURER, AND PROVIDE A "FRONT ACCESS" FSD FOR ACCESS TO FSD COMPONENTS FROM FACE OF GRILLE. INSTALL GRILLE FLUSH WITH WALL SURFACE AND LOCATE DAMPER ACTUATOR OUTSIDE OF THE AIRSTREAM. FSD 'S SHALL BE RUSKIN FSD-60FA OR EQUAL.

D. PRIOR TO SUBMISSION OF BID, REVIEW A COMPLETE SET OF CONSTRUCTION DOCUMENTS (INCLUDING ALL OTHER TRADES). INCLUDE ADDITIONAL PIPE OR DUCT OFF-SETS THAT MAY BE REQUIRED TO CLEAR STRUCTURE, FINISHES OR WORK OF OTHER TRADES. FIELD VERIFY EXACT LOCATION AND SIZES OF EXISTING UTILITIES, THE PROPOSED POINT OF CONNECTIONS TO EXISTING SYSTEMS, AND NEW ROUTINGS. EXTRA PAYMENT WILL NOT BE ALLOWED FOR WORK RESULTING FROM LACK OF APPRAISAL OF ENTIRE SCOPE OF WORK PRIOR TO BID. SYSTEM LAYOUTS AS INDICATED ON DRAWINGS ARE GENERALLY DIAGRAMMATIC BUT SHALL BE FOLLOWED AS CLOSELY AS ACTUAL CONSTRUCTION WILL PERMIT.

E. PROVIDE DUCT ACCESS DOORS FOR EQUIPMENT AND DEVICES REQUIRING ACCESS OR RESETTING (IE. FIRE AND SMOKE DAMPERS, SMOKE DAMPERS, SENSORS, ETC.) INDICATE SIZE AND LOCATION ON COORDINATED SHOP DRAWINGS.

F. FLASH AND COUNTER FLASH ALL ROOF PENETRATIONS TO SEAL WEATHER TIGHT (SEE ARCHITECTURAL ROOFING DETAILS AND SPECIFICATIONS).

G. INSTALL EQUIPMENT AND CURBS LEVEL. PROVIDE DUNNAGE, MISCELLANEOUS METALS, AND/OR PRESSURE TREATED LUMBER, AS REQUIRED TO INSTALL EQUIPMENT AND CURBS LEVEL.

H. PROVIDE DUCTWORK AND TRANSITIONS EQUAL TO DUCT FREE AREA SHOWN ON DRAWINGS, TO PREVENT A SPATIAL CONFLICT. AT CONTRACTOR'S OPTION AND IF SPATIAL CONSTRAINTS ALLOW IT, ROUND SPIRAL DUCTWORK, OF EQUAL CROSS-SECTIONAL AREA OR LARGER, MAY BE USED IN LIEU OF RECTANGULAR DUCTWORK WHERE SHOWN ON PLANS.

I. PROVIDE FIELD INSTALLED OR MANUFACTURER'S REFRIGERANT LINE SETS BETWEEN THE SPLIT SYSTEMS' INDOOR AND OUTDOOR COMPONENTS. SIZING, QUANTITY, AND INSTALLATION OF PIPES SHALL BE PER MANUFACTURER'S RECOMMENDATIONS BASED ON ACTUAL FIELD INSTALLED LENGTH. PROVIDE HARD WIRED THERMOSTATS AND CONTROL WIRING IN CONDUIT BETWEEN INDOOR AND OUTDOOR UNITS.

J. EQUIPMENT, HVAC DUCTS, PIPING AND OTHER DEVICES AND MATERIALS INSTALLED OUTDOORS OR EXPOSED TO WEATHER SHALL BE WEATHER-PROOF.

K. USE FLEXIBLE DUCTS ONLY FOR THE LAST 5 FEET MAXIMUM AT AIR OUTLETS. PER 2025 CMC-603.4.1, EXCEPT FOR RESIDENTIAL OCCUPANCIES AND EXCEPT AT AIR OUTLETS DO NOT USE FLEXIBLE DUCTWORK IN LIEU OF ELBOWS OR FITTINGS.

L. PROVIDE MANUAL VOLUME DAMPERS AT EACH GRILLE, REGISTER, AND DIFFUSER, AND LOCATE EQUIDISTANT BETWEEN BRANCH TAKEOFF AND AIR INLET/OUTLET. DO NOT USE VOLUME DAMPERS INTEGRAL WITH GRILLES, DIFFUSERS AND REGISTERS FOR AIR BALANCING.

M. INSTALL EQUIPMENT WITH SUFFICIENT ACCESS TO PANELS, ELECTRICAL CONNECTIONS, CONTROLS, FILTERS, MOTORS, ETC. COORDINATE ACCESS TO ALL DAMPERS, VALVES, AND OTHER SERVICEABLE EQUIPMENT. REVIEW CEILING HEIGHTS AND COORDINATE ACCESS PANEL LOCATIONS.

N. COORDINATE EQUIPMENT PLATFORMS, AND CUTTING AND PATCHING. OBTAIN WRITTEN PERMISSION FROM THE ARCHITECT PRIOR TO ANY STRUCTURAL MODIFICATIONS, CUTTING OR PATCHING WORK. KEEP SAW CUTTING TO A MINIMUM.

O. VERIFY DIFFUSERS, GRILLES, AND REGISTER MOUNTING FRAME TYPES WITH CONSTRUCTION TYPE AND CONFIGURATION.

P. PAINT ALL VISIBLE INTERIOR PORTIONS OF DUCTWORK. COORDINATE COLOR AND FINISH WITH ARCHITECT.

Q. PROTECT AND ISOLATE DUCTS STORED ON CONSTRUCTION SITE FROM DUST CONTAMINATION.

R. COORDINATE LOCATION OF SENSORS AND THERMOSTATS WITH ARCHITECT. COMPLY WITH ADA REQUIREMENTS.

S. "DEMOLISH" OR "REMOVE" MEAN: REMOVE AND RETURN TO OWNER FOR ACCEPTANCE, AND DISPOSE OF ANY ITEMS NOT ACCEPTED BY THE OWNER.

T. PROVIDE REMOTE DAMPER OPERATORS AS MANUFACTURED BY YOUNG REGULATOR COMPANY, MODEL 315 AND 270-275, OR EQUAL, FOR DAMPERS ABOVE INACCESSIBLE CEILINGS (SUCH AS GYPBOARD).

U. COORDINATE WITH DIVISION 26 FOR LOCATION OF POWER AND LOCAL DISCONNECTS FOR MECHANICAL EQUIPMENT DEVICES. PROVIDE STARTERS FOR EQUIPMENT WITHOUT VFD 'S, ECM MOTORS, OR EQUIPMENT WITHOUT INTEGRAL STARTERS.

V. ENCLOSE PORTIONS OF A NEGATIVE PRESSURE GAS FLUE WHICH ARE LOCATED IN A NEGATIVE PRESSURE AIR PLENUM/SPACE, IN A CONDUIT OR ENCLOSURE WITH JOINTS BETWEEN THE INTERIOR OF THE ENCLOSURE AND THE CEILING SPACE SEALED.

W. MAINTAIN MINIMUM ELECTRICAL CODE AND UNIT MANUFACTURER'S CLEARANCES TO ADJACENT CONSTRUCTION OR EQUIPMENT, PER CEC OR THE FOLLOWING TABLE:

	0-150 VOLT	150-600
NO LIVE OR GROUNDED PARTS ON OPPOSITE SIDE	36 INCH	36 INCH
GROUNDED PARTS ON OPPOSITE SIDE	36 INCH	42 INCH
LIVE PARTS ON OPPOSITE SIDE	36 INCH	48 INCH

SHEET INDEX

M1.00 LEVEL 0 PLAN - MECHANICAL

M0.01 SYMBOL LIST AND GENERAL NOTES - MECHANICAL
M0.02 SCHEDULES - MECHANICAL
M0.03 TITLE 24 - MECHANICAL

MD1.01 LEVEL 1 DEMOLITION PLAN - MECHANICAL
MD1.02 LEVEL 2 DEMOLITION PLAN - MECHANICAL

M1.01 LEVEL 1 PLAN - MECHANICAL

M1.02 LEVEL 2 PLAN - MECHANICAL
M3.01 DIAGRAMS - MECHANICAL

M4.01 DETAILS - MECHANICAL
M4.02 DETAILS - MECHANICAL

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

INTERFACE ENGINEERING

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NOTE: If this drawing is not 22"x34" it has been revised from its original size and the scales noted on drawing/details are no longer applicable.

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Revision Number	DATE	ISSUE DESCRIPTION
	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE Y. LEE MECHANICAL STATE OF CALIFORNIA

NOT FOR CONSTRUCTION
Exp. 12/31/27

PRELIMINARY

Drawing Title

SYMBOL LIST AND GENERAL NOTES - MECHANICAL

Drawing No.

M0.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

FAN COIL SCHEDULE (DX)

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	UNIT TYPE	ASSOC CU	SUPPLY FAN TOTAL CFM	SUPPLY FAN ESP (IN H2O)	FAN MOTOR WATTS	DX COOLING COIL NOM TONS	DX COOLING COIL TOTAL CAP (MBH)	DX COOLING COIL SENS CAP (MBH)	DX COOLING COIL EDB (°F)	DX COOLING COIL EWB (°F)	HEAT PUMP HTG (MBH)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL MCA	ELECTRICAL MOCP	MAX WT (LBS)	NOTES
FCU-1-01	103 - CONF	MITSUBISHI	TPKFYP012	WALL MOUNTED	CU-1	295	-	30	1	10.5	8.3	75.6	62.6	7.6	208	1	0.24	15	25	ALL
FCU-1-02	102 - OFFICE	MITSUBISHI	TPKFYP012	WALL MOUNTED	CU-1	295	-	30	1	10.4	8.7	75.7	61.5	7.6	208	1	0.24	15	25	ALL
FCU-1-03	105 - ELEV LOBBY	MITSUBISHI	TPKFYP008	WALL MOUNTED	CU-1	235	-	30	0.67	7	6.6	77.3	62.2	5	208	1	0.24	15	25	ALL
FCU-1-04	101 - RECEPTION	MITSUBISHI	TPKFYP012	WALL MOUNTED	CU-1	295	-	30	1	10.5	8.3	75.5	62.6	7.6	208	1	0.24	15	25	ALL
FCU-1-05	108 - TRAINING	MITSUBISHI	TPKFYP024	WALL MOUNTED	CU-1	920	-	56	2	20.9	20.9	75.5	62.1	15.1	208	1	0.34	15	46	ALL
FCU-1-06	110 - CONF	MITSUBISHI	TPKFYP018	WALL MOUNTED	CU-1	440	-	30	1.5	15.6	12.9	75.6	61.8	11.2	208	1	0.24	15	29	ALL
FCU-1-07	109 - CONF	MITSUBISHI	TPKFYP015	WALL MOUNTED	CU-1	355	-	30	1.25	13	10.6	75.4	61.5	9.5	208	1	0.24	15	29	ALL
FCU-1-08	104 - IT	MITSUBISHI	TPKFYP012	WALL MOUNTED	CU-1	295	-	30	1	10.5	8.3	75.6	62.6	7.6	208	1	0.24	15	25	ALL
FCU-2-01	205 - BREAK	MITSUBISHI	TPKFYP012	WALL MOUNTED	CU-1	295	-	30	1	10.5	8.3	75.6	62.7	7.6	208	1	0.24	15	25	ALL
FCU-2-02	204 - OFFICE	MITSUBISHI	TPKFYP008	WALL MOUNTED	CU-1	235	-	30	0.67	6.9	6.3	74.9	61.2	5	208	1	0.24	15	25	ALL
FCU-2-03	203 - OFFICE	MITSUBISHI	TPKFYP015	WALL MOUNTED	CU-1	355	-	30	1.25	13	10.7	75.5	61.4	9.5	208	1	0.24	15	29	ALL
FCU-2-04	201 - HALL	MITSUBISHI	TPKFYP024	WALL MOUNTED	CU-1	920	-	56	2	20.8	20.8	75.4	61.6	15.1	208	1	0.34	15	46	ALL
FCU-2-05	202 - MEETING	MITSUBISHI	TPKFYP012	WALL MOUNTED	CU-1	295	-	30	1	10.4	8.6	75.6	62	7.6	208	1	0.24	15	25	ALL
FCU-2-06	208 - OFFICE	MITSUBISHI	TPKFYP030	WALL MOUNTED	CU-1	920	-	56	2.5	26	24.6	75.6	61.4	19	208	1	0.34	15	46	ALL
FCU-2-07	209 - OFFICE	MITSUBISHI	TPKFYP018	WALL MOUNTED	CU-1	440	-	30	1.5	15.5	13.2	75.5	61.2	11.2	208	1	0.24	15	29	ALL

NOTES:
1. PROVIDE WITH EXTERNAL CONDENSATE PUMP.
2. PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.
3. FAN COILS SHALL COMPLY WITH REQUIREMENTS PER UL FOR R-32 REFRIGERANT SENSING AND SHUTDOWN OF VALVES.

HEAT RECOVERY VRF CONDENSING UNIT SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	TONS NOM TONS	QTY OF COMPRESSORS	COMPRESSOR TYPE	COOLING CAP (MBH)	COOLING AMBIENT DB (°F)	COOLING EER/IEER	HEATING CAP (MBH)	HEATING AMBIENT WB (°F)	HEATING COP	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL MCA	ELECTRICAL MOCP	MAX WT (LBS)	NOTES
CU-1	LEVELS 1/2	MITSUBISHI	TURYE192	16	1	INVERTER	191	90	11.2/23.2	138.6	34	3.78	208	3	60	100	712	ALL

NOTES:
1. PROVIDE WITH ONBOARD CONTROLS.
2. R-32 REFRIGERANT.

FAN SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	TYPE	DRIVE	AIR FLOW (CFM)	TSP (IN H2O)	TSP (IN H2O)	FAN RPM	MAX RPM	SOUND (SONES)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL W	MAX WT (LBS)	NOTES
EF-1-1	RESTROOM	GREENHECK	SP-A200	CEILING	DIRECT	75	0.5	0.4	705	1000	2	115	1	22	24	1
EF-1-2	JANITOR	GREENHECK	SP-A200	CEILING	DIRECT	50	0.5	0.4	665	1000	2	115	1	18	24	1
EF-2-1	RESTROOM	GREENHECK	SP-A200	CEILING	DIRECT	75	0.5	0.4	705	1000	2	115	1	22	24	1
EF-2-2	BREAK	GREENHECK	SP-A200	CEILING	DIRECT	75	0.5	0.4	705	1000	2	115	1	22	24	1

NOTES:
1 PROVIDE WITH UNIT MOUNTED VARIABLE SPEED CONTROLLER

VRF BRANCH CONTROLLER SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	ASSOC CU	# OF FAN-COIL CONN.	DRAIN CONN. (IN)	PIPE CONNECTION OUTDOOR UNIT LIQUID (IN)	PIPE CONNECTION OUTDOOR UNIT GAS (IN)	PIPE CONNECTION INDOOR UNIT LIQUID (IN)	PIPE CONNECTION INDOOR UNIT GAS (IN)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL MCA	ELECTRICAL MOCP	APPROX. DIMS (LxWxH)	MAX WT (LBS)	NOTES
BC-1	LEVEL 1	MITSUBISHI	CMB-M108NU-MA-SV	CU-1	8	3/4"	7/8"	1-1/8"	SEE DIAGRAMS	SEE DIAGRAMS	208	1	0.13	15	45"x22"x10"	133	1
BC-2	LEVEL 2	MITSUBISHI	CMB-M108NU-MB-SV	CU-1	8	3/4"	7/8"	1-1/8"	SEE DIAGRAMS	SEE DIAGRAMS	208	1	0.13	15	45"x22"x10"	133	1

NOTES:
1 PROVIDE BALL VALVES ON ALL PORTS (SUPPLY AND RETURN) FOR EASE OF MAINTENANCE.

ENERGY RECOVERY UNIT SCHEDULE

SYMBOL	AREA SERVED	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	SUPPLY FAN TOTAL CFM	SUPPLY FAN TSP (IN H2O)	SUPPLY FAN FILTER PD (IN H2O)	SUPPLY FAN ESP (IN H2O)	SUPPLY FAN BHP PER FAN	SUPPLY FAN MHP PER FAN	EXHAUST FAN TOTAL CFM	EXHAUST FAN TSP (IN H2O)	EXHAUST FAN ESP (IN H2O)	EXHAUST FAN BHP	EXHAUST FAN MHP	HEAT RECOVERY TYPE	WINTER SA EAT (°F)	WINTER SA LAT (°F)	WINTER EA EAT (°F)	WINTER EA LAT (°F)	SUMMER SA EAT (°F)	SUMMER SA LAT (°F)	SUMMER EA EAT (°F)	SUMMER EA LAT (°F)	FILTER EFF MERV	FILTER FACE VEL (FPM)	FILTER INITIAL PD (IN H2O)	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL MCA	ELECTRICAL MOCP	MAX WT (LBS)	NOTES
ERV-1	LEVEL 1	SWEGON	CASA R15	715	1.5	0.34	0.5	0.29	0.33	615	1.11	0.5	0.29	0.33	RX	36.9	60.8	70	42.2	90	79.1	75	87.6	13	362	0.3	208	1	10	15	381	1
ERV-2	LEVEL 2	SWEGON	CASA R7	340	1.33	0.3	0.5	0.12	0.25	265	0.94	0.5	0.15	0.25	RX	36.9	59.1	70	41.5	90	79.9	75	88	13	317	0.1	208	1	10	15	176	1

NOTES:
1 TSP INCLUDES FILTER DP

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

INTERFACE ENGINEERING
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SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE M. ZAHN MECHANICAL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION
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PRELIMINARY

Drawing Title
SCHEDULES - MECHANICAL

Drawing No.
M0.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

OUTSIDE AIR VENTILATION SCHEDULE - CALIFORNIA MECHANICAL AND ENERGY CODE

OCCUPANCY CATEGORY								2025 CALIFORNIA MECHANICAL CODE					2025 CALIFORNIA ENERGY CODE (PEOPLE)		2025 CALIFORNIA ENERGY CODE (AREA)			
2025 CALIFORNIA MECHANICAL CODE	2025 CALIFORNIA TITLE 24	EQUIPMENT TAG	ROOM	Az FLOOR AREA (SF)	ASHRAE 62.1 OCCUPANT DENSITY DEFAULT (PEOPLE / 1000 SF)	ASHRAE 62.1 NUMBER OF OCCUPANT (# PEOPLE)	Pz ACTUAL NUMBER OF OCCUPANTS (# PEOPLE)	Rp PEOPLE OUTDOOR AIR RATE (CFM/ PERSON)	Ra AREA OUTDOOR RATE (CFM/SF)	Vbz OUTDOOR AIR REQUIRED (CFM)	Ez VENTILATION EFFECTIVENESS NUMBER	Voz CORRECTED OUTDOOR AIR REQUIRED (CFM)	Rp PEOPLE OUTDOOR AIR RATE (CFM/PERSON)	Voz OUTDOOR AIR REQUIRED (CFM)	Ra AREA OUTDOOR RATE (CFM/SF)	Voz OUTDOOR AIR REQUIRED (CFM)	Voz, max OUTDOOR AIR REQUIRED (CFM)	DESIGN OUTDOOR AIR (CFM)
OFFICE BUILDINGS - Office space, h	Office Buildings - Office space	ERV-1	101 - RECEPTION	172	5	1	1	5	0.06	15	1.0	15	15	15	0.15	26	26	30
OFFICE BUILDINGS - Office space, h	Office Buildings - Office space	ERV-1	102 - OPEN OFFICE	257	5	1	1	5	0.06	20	1.0	20	15	15	0.15	39	39	40
GENERAL - Conference/meeting, h	General - Conference/meeting	ERV-1	103 - CONFERENCE	131	50	7	7	5	0.06	43	1.0	43	15	105	0.15	20	105	105
GENERAL - Corridors, h	General - Corridors	ERV-1	105 - LOBBY	95	0	0	0	0	0.06	6	1.0	6	15	0	0.15	14	14	15
GENERAL - Conference/meeting, h	General - Conference/meeting	ERV-1	108 - TRAINING	417	50	21	21	5	0.06	130	1.0	130	15	315	0.15	63	315	315
GENERAL - Conference/meeting, h	General - Conference/meeting	ERV-1	109 - CONFERENCE	97	50	5	5	5	0.06	31	1.0	31	15	75	0.15	15	75	75
GENERAL - Conference/meeting, h	General - Conference/meeting	ERV-1	110 - CONFERENCE	179	50	9	9	5	0.06	56	1.0	56	15	135	0.15	27	135	135
GENERAL - Corridors, h	General - Corridors	ERV-2	201 - STAIR HALL	246	0	0	0	0	0.06	15	1.0	15	15	0	0.15	37	37	40
GENERAL - Conference/meeting, h	General - Conference/meeting	ERV-2	202 - CONFERENCE	117	50	6	6	5	0.06	37	1.0	37	15	90	0.15	18	90	90
OFFICE BUILDINGS - Office space, h	Office Buildings - Office space	ERV-2	203 - OFFICE	177	5	1	1	5	0.06	16	1.0	16	15	15	0.15	27	27	30
OFFICE BUILDINGS - Office space, h	Office Buildings - Office space	ERV-2	204 - OFFICE	121	5	1	1	5	0.06	12	1.0	12	15	15	0.15	18	18	20
OFFICE BUILDINGS - Break Rooms	Office Buildings - Breakrooms	ERV-2	205 - BREAK ROOM	100	50	5	5	5	0.12	37	1.0	37	15	75	0.15	15	75	75
OFFICE BUILDINGS - Office space, h	Office Buildings - Office space	ERV-2	208 - OPEN OFFICE	387	5	2	2	5	0.06	33	1.0	33	15	30	0.15	58	58	60
OFFICE BUILDINGS - Office space, h	Office Buildings - Office space	ERV-2	209 - OFFICE	149	5	1	1	5	0.06	14	1.0	14	15	15	0.15	22	22	25
																SYSTEM TOTALS (CFM):	**1036**	**1055**

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT CONTACT 2025-1084

49 Stevenson Street, Suite 660
San Francisco, CA 94105
TEL 415.489.7240
www.interfaceengineering.com

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Revision Number	DATE	ISSUE DESCRIPTION
	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE NG EXP. 12/31/27 MECHANICAL STATE OF CALIFORNIA

PRELIMINARY

NOT FOR CONSTRUCTION

Drawing Title

TITLE 24 - MECHANICAL

Drawing No.

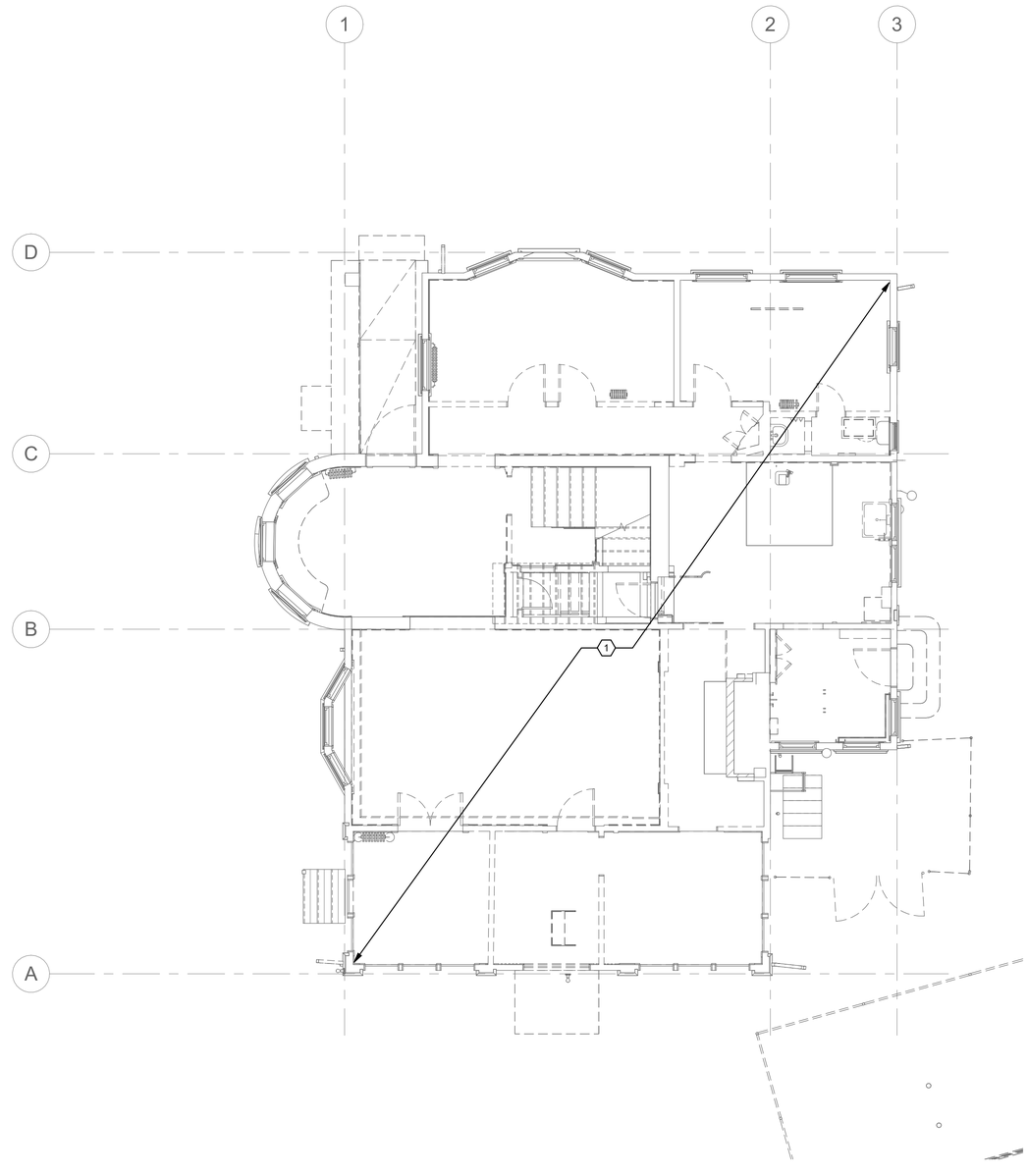
M0.03

SKA Project Number: 25001

NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. REMOVE ALL EXISTING MECHANICAL DUCTWORK, PIPING, AND EQUIPMENT, AND ANY ASSOCIATED WIRING AND CONTROLS.



1 LEVEL 1 DEMOLITION PLAN - MECHANICAL

0' 4' 8' 12'
3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY
GSA
COUNTY OF ALAMEDA

ALAMEDA COUNTY

INTERFACE ENGINEERING

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	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER
KATHERINE
Exp. 12/31/27
MECHANICAL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

PRELIMINARY

Drawing Title

LEVEL 1 DEMOLITION PLAN - MECHANICAL

Drawing No.

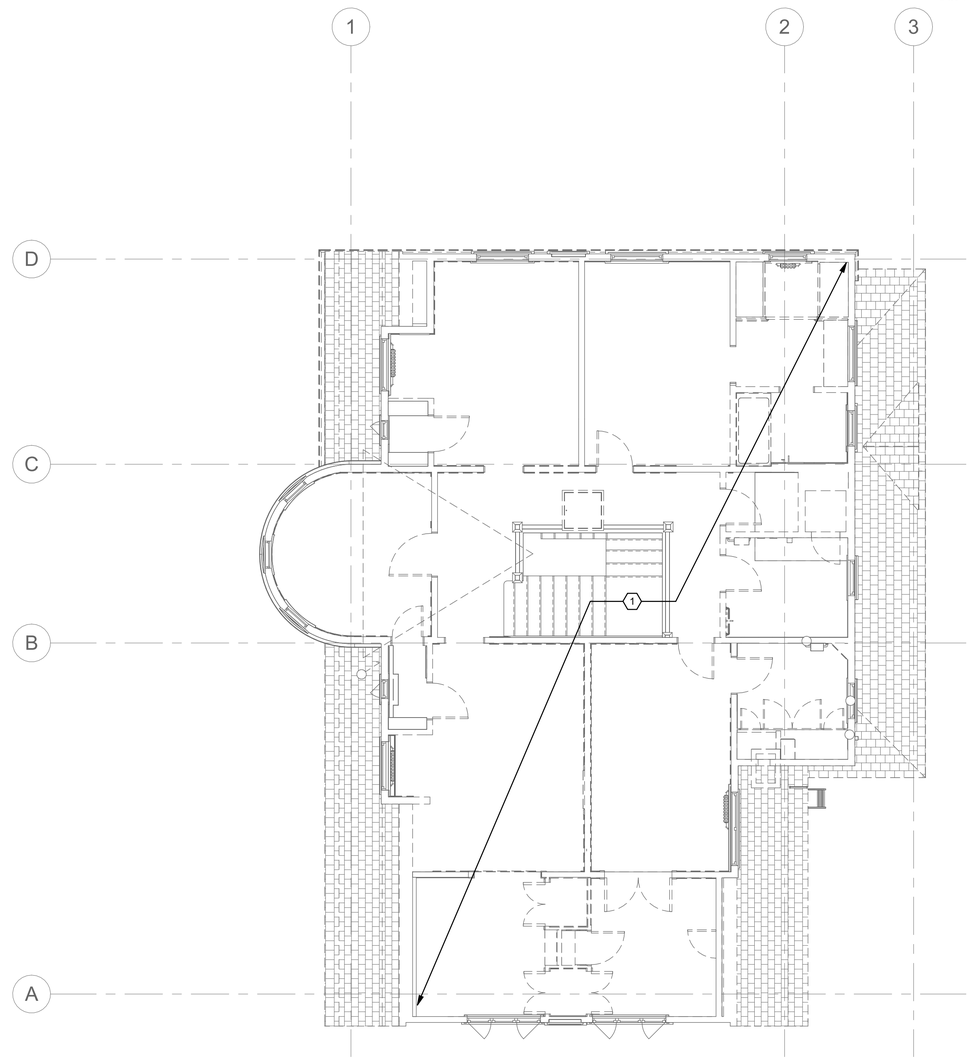
MD1.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. REMOVE ALL EXISTING MECHANICAL DUCTWORK, PIPING, AND EQUIPMENT, AND ANY ASSOCIATED WIRING AND CONTROLS.



1 LEVEL 2 DEMOLITION PLAN - MECHANICAL

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT CONTACT 2025-1084

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	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

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SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER
KATHERINE
MECHANICAL
STATE OF CALIFORNIA

NOT FOR CONSTRUCTION
Exp. 12/31/27

PRELIMINARY

Drawing Title

LEVEL 2 DEMOLITION PLAN - MECHANICAL

Drawing No.

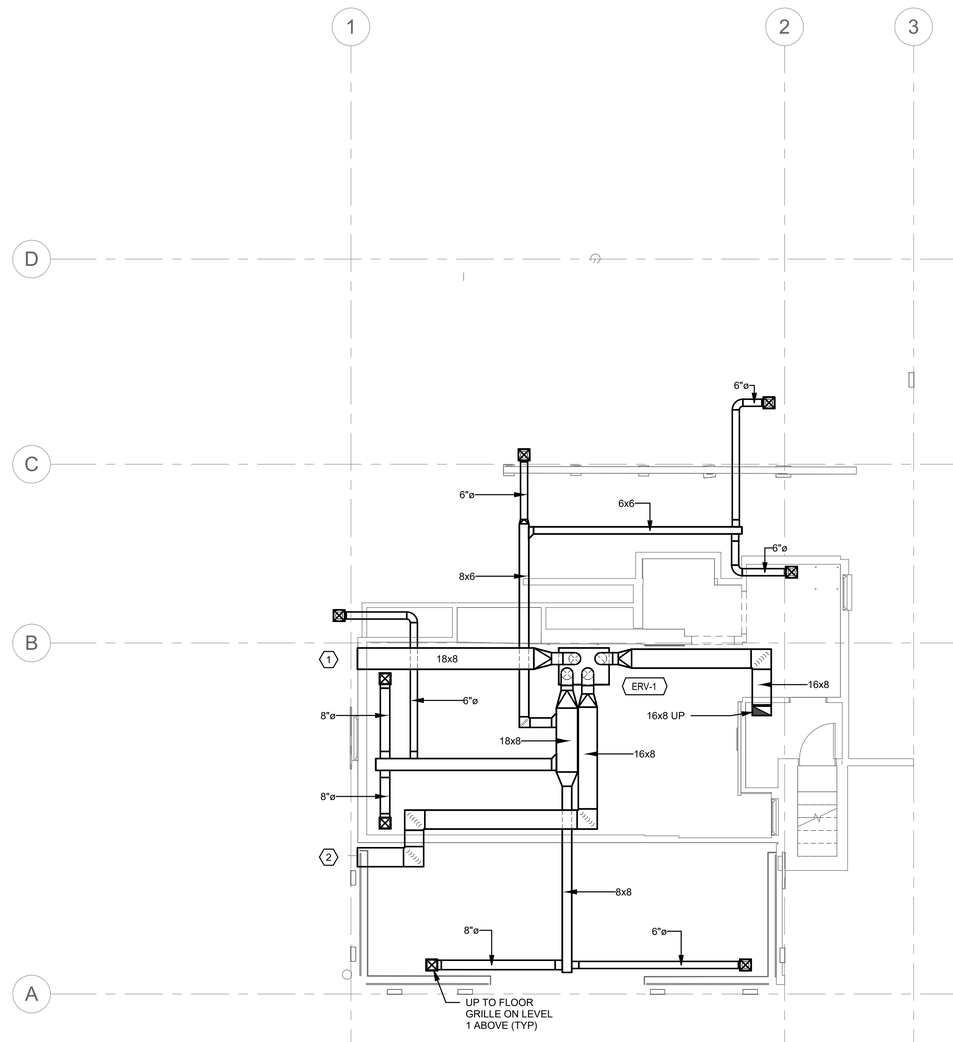
MD1.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. OUTSIDE AIR INTAKE LOUVER WITH AT LEAST 0.75 SQ. FT. OF FREE AREA. BOTTOM OF LOUVER MINIMUM 12" ABOVE GRADE.
2. EXHAUST LOUVER WITH AT LEAST 0.65 SQ. FT. OF FREE AREA.



1 LEVEL 0 MECHANICAL PLAN - OVERALL

0' 4' 8' 16'
3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

INTERFACE ENGINEERING

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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE A. MEYER MECHANICAL STATE OF CALIFORNIA

NOT FOR CONSTRUCTION
Exp. 12/31/27

PRELIMINARY

Drawing Title

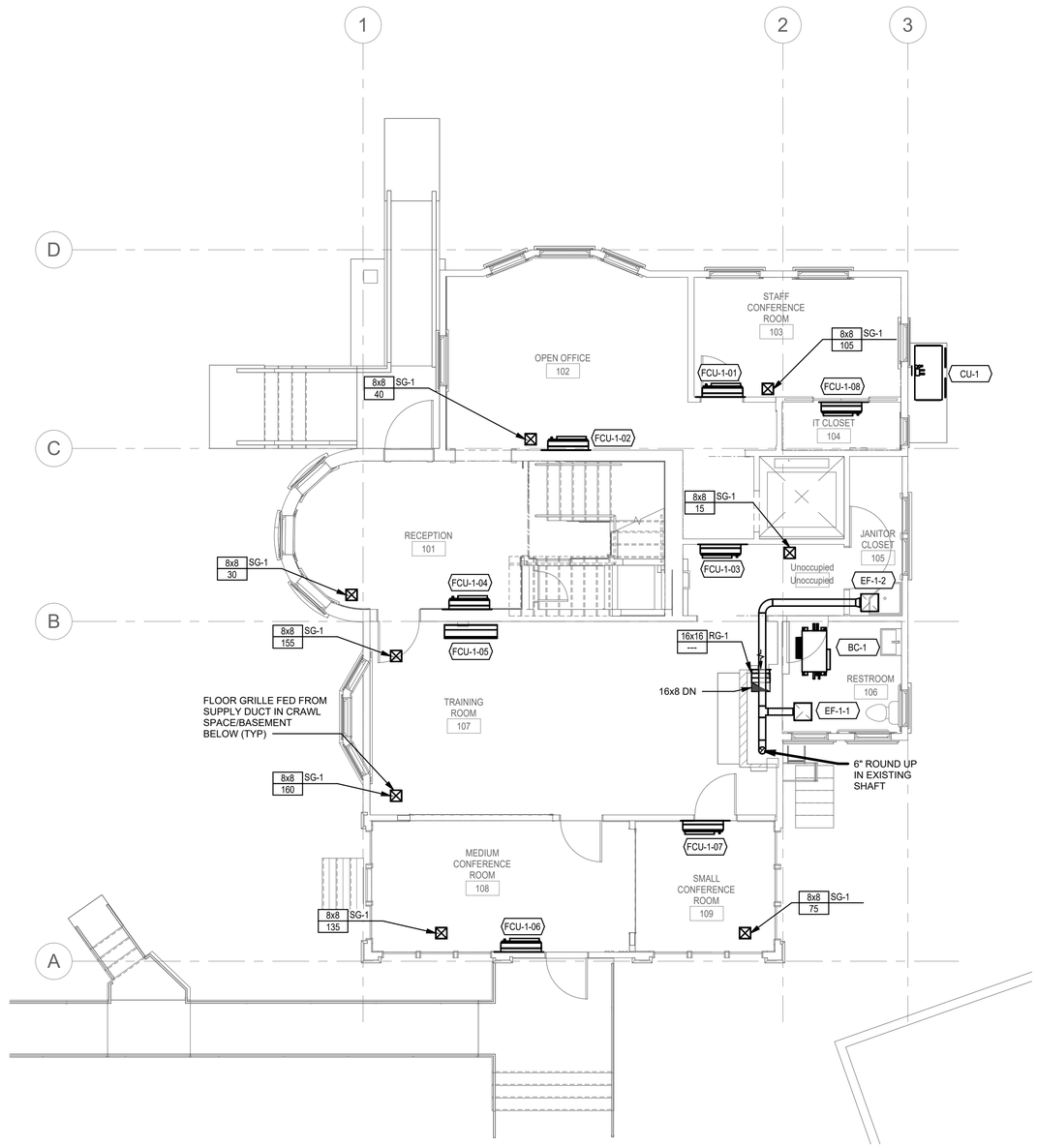
LEVEL 0 PLAN - MECHANICAL

Drawing No.

M1.00

SKA Project Number: 25001

NOT FOR CONSTRUCTION



1 LEVEL 1 PLAN - MECHANICAL

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT 2025-1084
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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE A. ... EXP. 12/31/27 MECHANICAL STATE OF CALIFORNIA

NOT FOR CONSTRUCTION

PRELIMINARY

Drawing Title

LEVEL 1 PLAN - MECHANICAL

Drawing No.

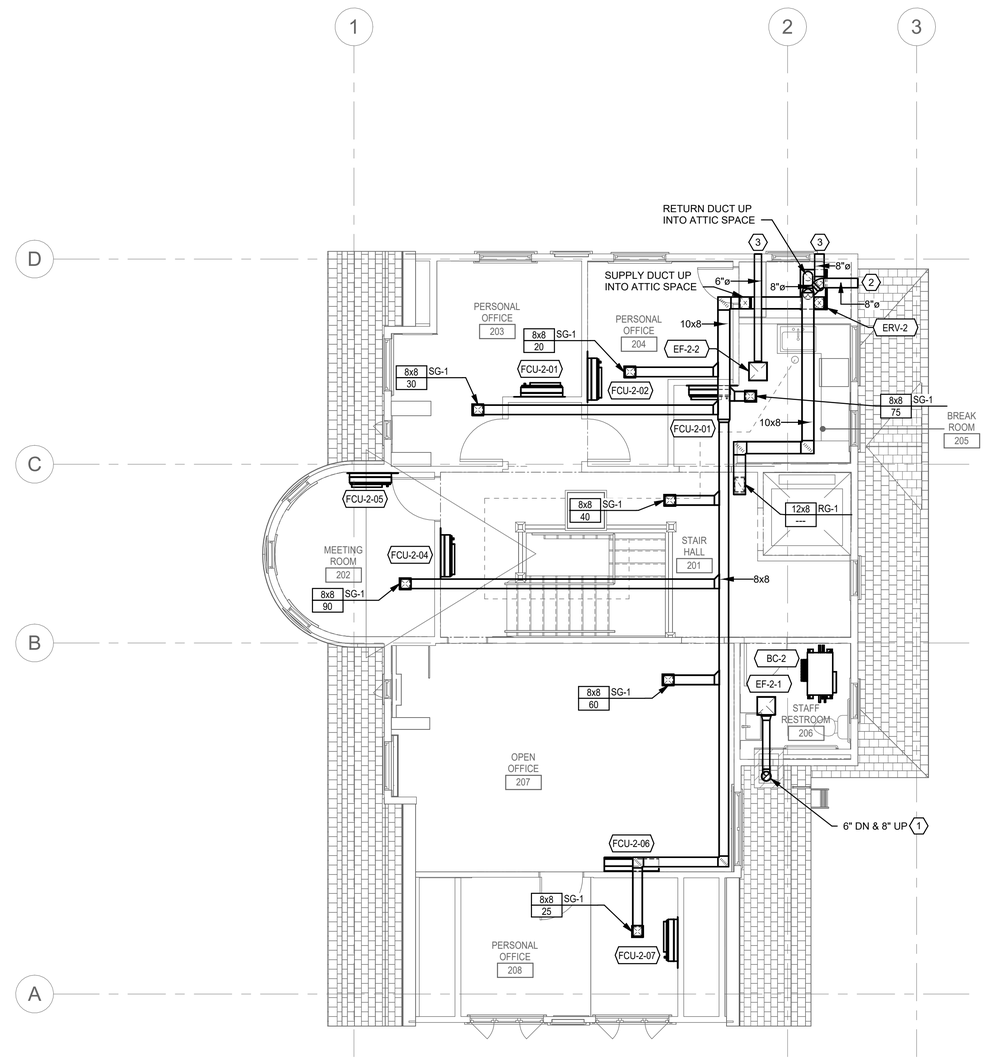
M1.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

SHEET KEYNOTES

1. EXHAUST UP TO ROOF IN EXISTING SHAFT. PROVIDE BIRD SCREEN AND RAIN CAP AT ROOF.
2. OUTSIDE AIR INTAKE LOUVER WITH AT LEAST 0.35 SQ. FT. OF FREE AREA.
3. EXHAUST LOUVER WITH AT LEAST 0.3 SQ. FT. OF FREE AREA.



1 LEVEL 2 PLAN - MECHANICAL

0' 4' 8' 12'
3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT CONTACT 2025-1084

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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE M. ZAMBONI EXP. 12/31/27 MECHANICAL STATE OF CALIFORNIA

PRELIMINARY

NOT FOR CONSTRUCTION

Drawing Title

LEVEL 2 PLAN - MECHANICAL

Drawing No.

M1.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

Quick Results

Connection Summary

Indoor Units:	14 / 1 to 39	
Capacity:	220 / 96 to 288 (114.6%)	
* Connectable capacity is not actual capacity.		
Total Pipe Length:	660.3/2047	feet
Furthest Actual:	110/541	feet
Furthest Equiv.:	134.7/623	feet
Furthest IU from Parent BC Actual:	45/192.9	feet
Furthest IU from Parent BC Equiv.:	53.2/192.9	feet
Furthest IU from Main BC Thru Sub BC Actual:	70/284.9	feet
Furthest IU from Main BC Thru Sub BC Equiv.:	86.4/284.9	feet

Refrigerant

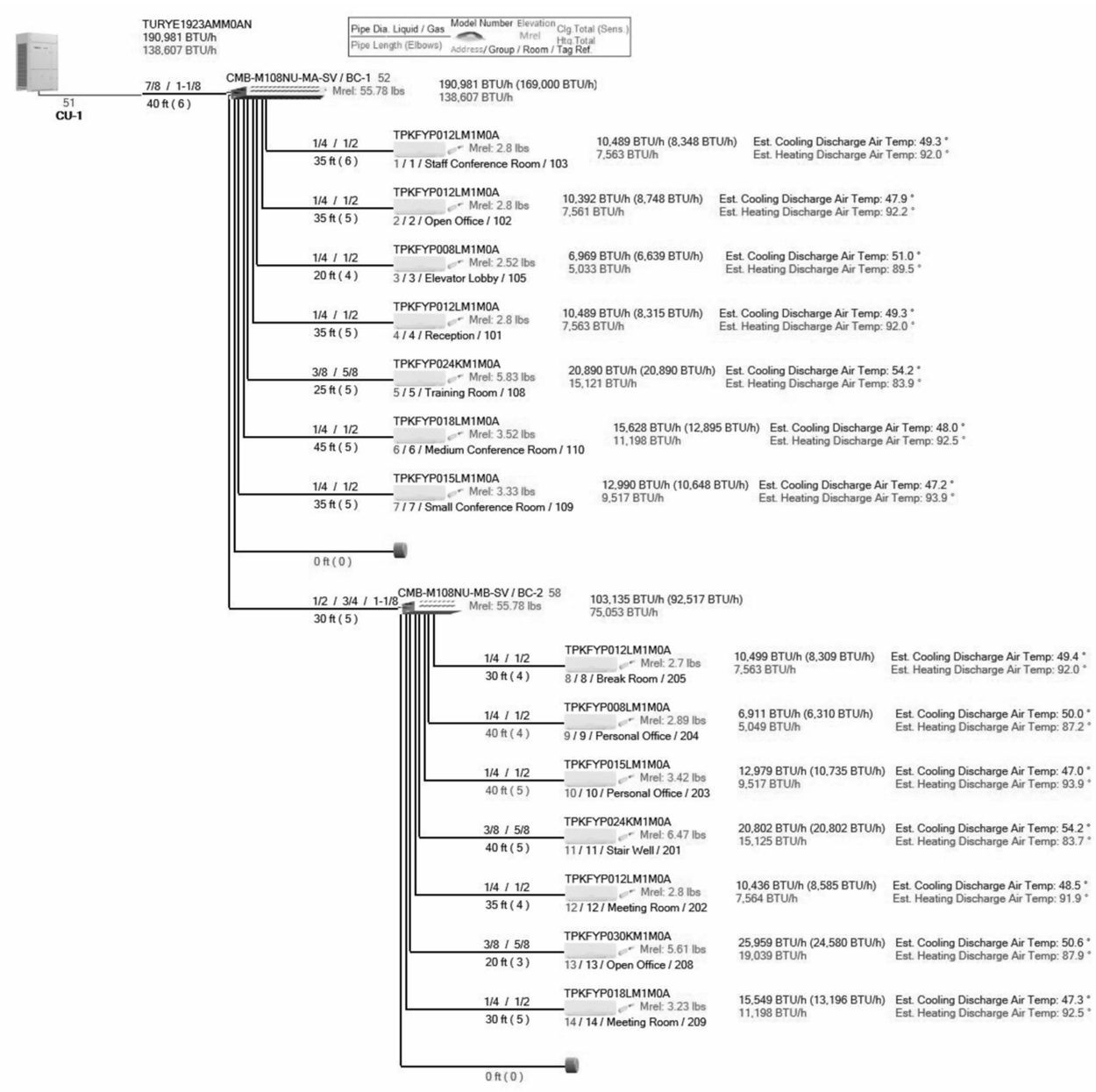
System Refrigerant:	**R32**
Additional Field-Charge:	**41.89 lbs**
Total System Charge:	**55.78 lbs**
Max System Charge:	**92.81 lbs**

Correction Factors

	Cooling	Heating
Outdoor Unit Capacity:	1.02	1.00
Outdoor Temperature:	1.02	1.00
Piping Length:	0.95	0.95
Defrosting:	-	0.76
User Derate:	1.00	1.00
Outdoor Altitude:	1.00	1.00
	0.99	**0.72**

Conditions

Cooling		Heating	
Indoor Dry Bulb	80.0 °F	Indoor Dry Bulb	70.0 °F
Indoor Wet Bulb	67.0 °F		
Indoor Humidity	51.8 %	Outdoor Dry Bulb	36.9 °F
		Outdoor Wet Bulb	33.8 °F
Outdoor Dry Bulb	90.0 °F	Outdoor Humidity	72.8 %



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GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

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PROJECT 2025-1084
CONTACT

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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE ... MECHANICAL STATE OF CALIFORNIA
PRELIMINARY
NOT FOR CONSTRUCTION
Exp. 12/31/27

Drawing Title

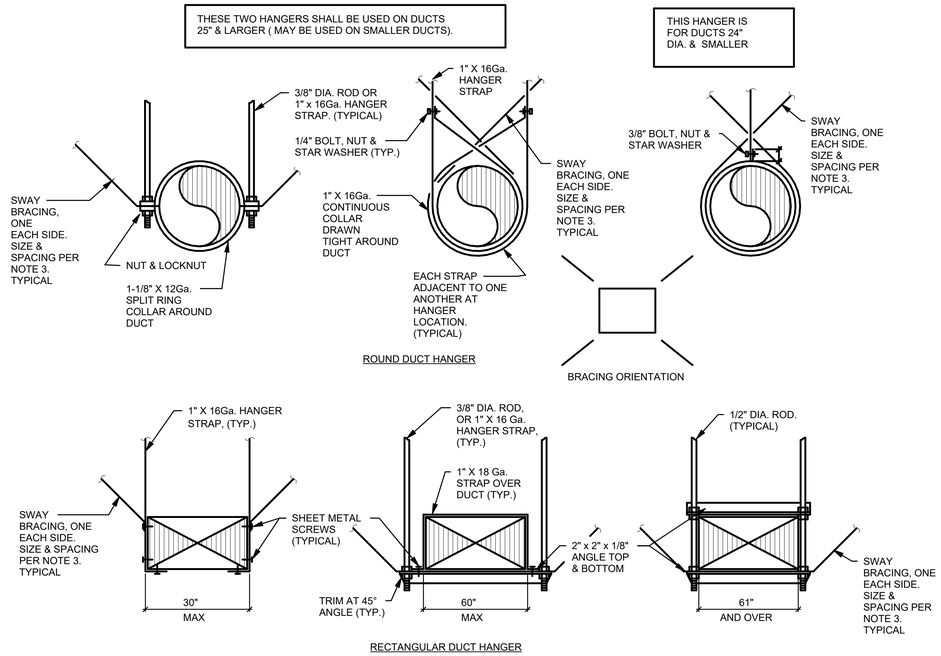
DIAGRAMS - MECHANICAL

Drawing No.

M3.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

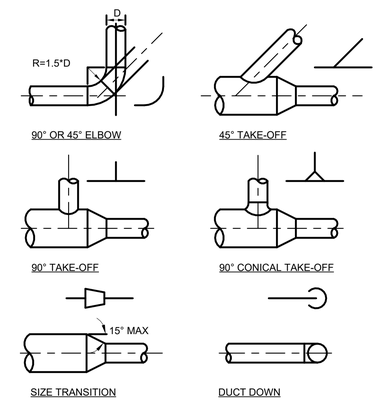


NOTES:

1. REFER TO SPECIFICATIONS FOR HANGER SPACINGS.
2. ATTACHMENTS TO OVERHEAD STRUCTURE SHALL BE MADE IN ACCORDANCE WITH STRUCTURAL ENGINEERS REQUIREMENTS AND WEIGHT LIMITATIONS. ALL ATTACHMENT METHODS TO STRUCTURE SHALL BE SUBMITTED TO ARCHITECT AND STRUCTURAL ENGINEER FOR REVIEW.
3. PROVIDE SWAY & SEISMIC BRACING PER THE LATEST EDITION OF CALIFORNIA BUILDING CODE. INDICATE LOCATIONS OF SEISMIC BRACING ON THE SHOP DRAWING SUBMITTALS.
4. HANGER MATERIAL SUPPORTING FLEXIBLE DUCT SHALL IN NO CASE BE LESS THAN 1 1/2 INCHES WIDE. FLEXIBLE DUCT SHALL BE SUPPORTED PER MANUFACTURER'S RECOMMENDED MATERIALS, BUT AT NO GREATER DISTANCE THAN 4 FEET MAX. PERMISSIBLE SAG IS MAX. 1/2 INCHES PER FOOT OF SPACING BETWEEN SUPPORTS.

3 DUCT SUPPORT DETAIL

NO SCALE

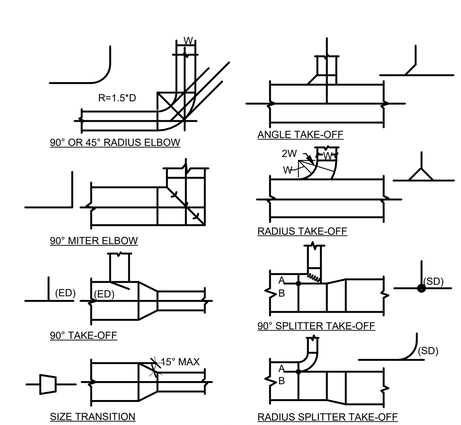


NOTES

1. SINGLE-LINE ILLUSTRATIONS ARE SYMBOLS USED ON DRAWINGS
2. PROVIDE ACCESS PANELS AT EVERY 50'-0" OF STRAIGHT DUCT AND UPSTREAM OF EACH ELBOW

2 ROUND DUCT DETAIL

NO SCALE

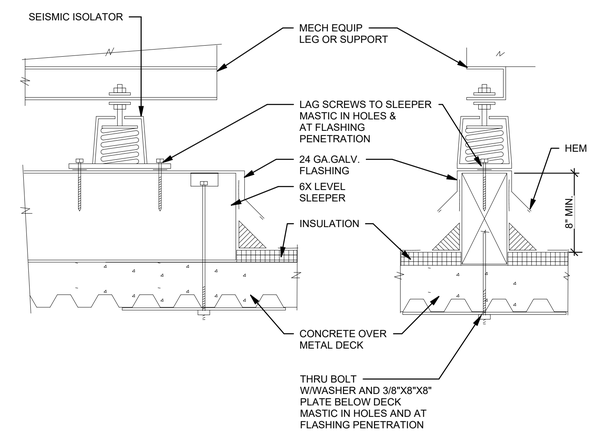


NOTES

1. SINGLE-LINE ILLUSTRATIONS ARE SYMBOLS USED ON DRAWINGS
2. SIZE A&B DIMENSIONS IN PROPORTION TO AIR QUANTITIES IN EACH LEG SPLIT

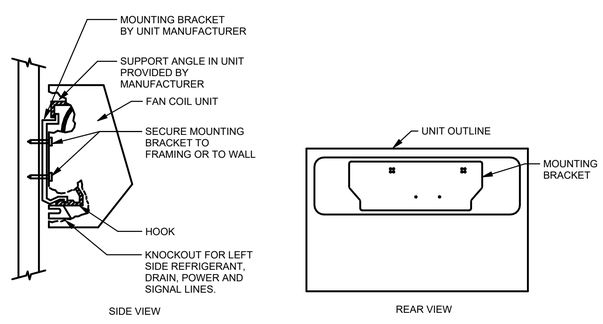
1 RECTANGULAR DUCT DETAIL

NO SCALE



4 EQUIPMENT ISOLATOR DETAIL (CU-x)

NO SCALE



NOTE:
1. FOR DRAIN CONNECTION, REFER TO PLUMBING DRAWINGS.

5 WALL MOUNTED DUCTLESS SPLIT SYSTEM MOUNTING DETAIL

NO SCALE

CLIENT

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT 2025-1084
CONTACT

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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE MARIE MCMANIGAL EXP. 12/31/27 MECHANICAL STATE OF CALIFORNIA

PRELIMINARY

NOT FOR CONSTRUCTION

Drawing Title

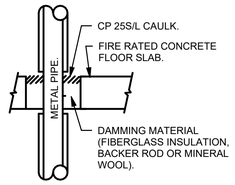
DETAILS - MECHANICAL

Drawing No.

M4.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION



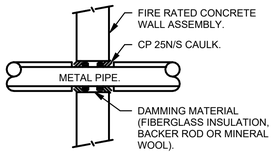
SECTION VIEW

GENERAL DETAIL NOTES

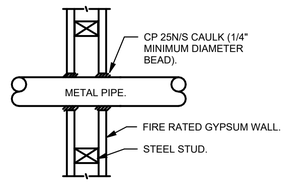
A. CAULK AROUND PIPING PENETRATING FIRE RATED WALLS AND CEILINGS. USE 3M BRAND FIRE BARRIER CAULK "CP25" (THICKNESS AS REQUIRED FOR 1,2 AND/OR 3 HOUR FIRE RATING.).

B. USE CP25S/L SELF-LEVELING CAULK ON HORIZONTAL SURFACES WHEN FILLING GAPS FROM ABOVE THE PENETRATION. USE CP-25N/S NO-SAG CAULK ON VERTICAL AND HORIZONTAL SURFACES WHEN FILLING FROM FLOOR OR IN WALL APPLICATIONS.

C. ALL FIRE STOP INSTALLATIONS SHALL COMPLY WITH U.L., A.S.T.M. AND MANUFACTURERS STANDARD DETAILS.



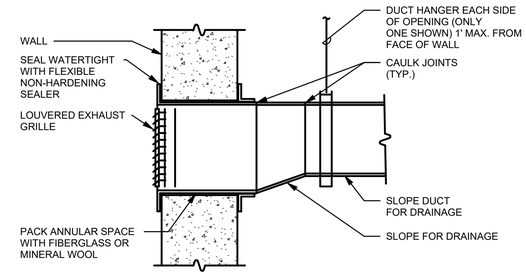
SECTION VIEW



SECTION VIEW

2 RATED WALL, FLOOR AND CEILING PIPING PENETRATION

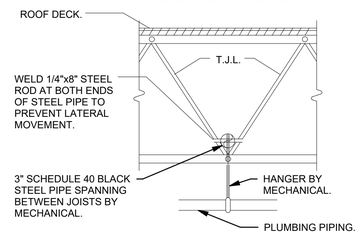
NO SCALE



1 LOUVERED EXHAUST GRILLE WALL PENETRATION

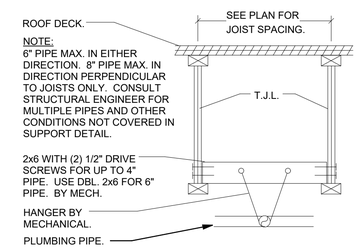
NO SCALE

NOTE:
4" PIPE MAXIMUM. CONSULT STRUCTURAL ENGINEER FOR MULTIPLE PIPE AND OTHER CONDITIONS NOT COVERED IN SUPPORT DETAIL.



PIPE SUPPORT "A"

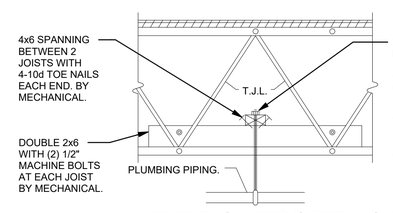
NO SCALE



NOTE:
6" PIPE MAX. IN EITHER DIRECTION. 8" PIPE MAX. IN DIRECTION PERPENDICULAR TO JOISTS ONLY. CONSULT STRUCTURAL ENGINEER FOR MULTIPLE PIPES AND OTHER CONDITIONS NOT COVERED IN SUPPORT DETAIL.

PIPE SUPPORT "B"

NO SCALE



NOTE:
6" PIPE MAX. IN EITHER DIRECTION. 8" PIPE MAX. IN DIRECTION PERPENDICULAR TO JOISTS ONLY. CONSULT STRUCTURAL ENGINEER FOR MULTIPLE PIPES AND OTHER CONDITIONS NOT COVERED IN SUPPORT DETAIL.

PIPE SUPPORT "C"

NO SCALE

3 PIPE SUPPORT

NO SCALE

CLIENT

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Revision Number	DATE	ISSUE DESCRIPTION
	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION
15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant
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170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE MECHANICAL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION
Exp. 12/31/27
PRELIMINARY

Drawing Title
DETAILS - MECHANICAL

Drawing No.
M4.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

ELECTRICAL SYMBOL LIST

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

Abbreviations

ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AWG	AMERICAN WIRE GAUGE
A	AMPERES, AMBER
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE INTERRUPTING CAPACITY
CA	CABLE
CAT	CATEGORY
CLG	CEILING
C	CONDUIT, CLOSE, CONTROL
CU	COPPER
(X)	DEMOLISH
DTL	DETAIL
DIA	DIAMETER
DIV	DIVISION
DN	DOWN
DWG	DRAWING
EA	EACH
EMT	ELECTRICAL METALLIC TUBING
E	EMERGENCY
EF	EXHAUST FAN
(E)	EXISTING TO REMAIN
FF	FINISH FLOOR
FMC	FLEXIBLE METAL CONDUIT
FT	FOOT, FEET
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
HT	HEIGHT
ID	IDENTIFICATION
IN	INCH, INCHES
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
KV	KILOVOLT
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LFMC	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
LV	LOW VOLTAGE
MOCP	MAXIMUM OVERCURRENT PROTECTION
MIN	MINIMUM
MISC	MISCELLANEOUS
MT, MTD	MOUNT, MOUNTED
NEC	NATIONAL ELECTRIC CODE
NESC	NATIONAL ELECTRIC SAFETY CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
N	NEUTRAL
(N)	NEW
N/A	NOT APPLICABLE
N.I.C.	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
PNL	PANEL
PH	PHASE
PVC	POLY-VINYL-CHLORIDE
PWR	POWER
QTY	QUANTITY
REF	REFERENCE
RM	ROOM
SHT	SHEET
SIM	SIMILAR
STD	STANDARD
SWBD	SWITCHBOARD
XFMR	TRANSFORMER
TYP	TYPICAL
UG	UNDERGROUND
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
V	VOLTS, VOLTAGE
WP	WEATHERPROOF
W/	WITH
W/O	WITHOUT

Connections / Equipment

HEAVY DUTY FUSED DISCONNECT SWITCH

MOTOR CONNECTION

NON-FUSED DISCONNECT SWITCH

TRANSFORMER

General

DETAIL NUMBER AND SHEET LOCATION

EQUIPMENT IDENTIFICATION

KEYED NOTE

DEMOLISH

EXISTING WORK

NEW WORK

Lighting

EXIT SIGN CEILING MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN

EXIT SIGN WALL MOUNTED, ARROW(S) INDICATES DIRECTION IF SHOWN

RECESSED LUMINAIRE

RECESSED LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL OR REMOTE EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT

SURFACE MOUNTED OR PENDANT MOUNTED LINEAR LUMINAIRE

WALL MOUNTED LUMINAIRE

WALL MOUNTED LUMINAIRE CONNECTED TO EMERGENCY/LIFE SAFETY CIRCUIT OR WITH INTEGRAL EMERGENCY BATTERY CONNECTED TO UNSWITCHED CIRCUIT

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

CIRCUIT BREAKER

DRY TYPE TRANSFORMER

GB

GROUND BAR

MAIN DISTRIBUTION PANEL / SUB DISTRIBUTION PANEL

METER - END USE
1 = POWER QUALITY METER
2 = ENERGY METER

Raceways

CONDUIT CONCEALED IN WALL OR CEILING SPACE

CONDUIT ROUTED BELOW FLOOR / GRADE

CONDUIT ELLED DOWN

CONDUIT ELLED UP

CONDUIT/WIRING CONTINUATION

CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED PLASTIC BUSHING

FLEXIBLE CONDUIT

Switches and Receptacles

DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS)
A = ABOVE COUNTER
G = GROUND FAULT CIRCUIT INTERRUPTER
R1 = HALF SWITCHED BY OCCUPANCY SENSOR RELAY
R2 = FULLY SWITCHED BY OCCUPANCY SENSOR RELAY
W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE

DOUBLE DUPLEX RECEPTACLE. SEE LETTER CODE LIST AT DUPLEX RECEPTACLE FOR OPTIONS

CEILING MOUNTED OCCUPANCY SENSOR
P = PASSIVE INFRARED
D = DUAL TECHNOLOGY
U = ULTRASONIC, 360 DEG RANGE
H = ULTRASONIC, HALLWAY PATTERN
v (LOWERCASE) = VACANCY CONTROL DESIGNATION

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

PHOTO ELECTRIC SWITCH
D = CONTINUOUS DIMMING PHOTOCELL
S = SWITCHED PHOTOCELL

SINGLE POLE SWITCH
a THRU z (LOWERCASE) = LUMINAIRE CONTROL DESIGNATION
D = DIMMER
V = LOW VOLTAGE SWITCH

SHEET INDEX

E0.01 SYMBOL LIST AND GENERAL NOTES - ELECTRICAL
E0.02 LUMINAIRE SCHEDULES - ELECTRICAL

E1.01 SITE PLAN - ELECTRICAL

ED1.01 LEVEL 1 DEMOLITION PLAN - ELECTRICAL
ED1.02 LEVEL 2 DEMOLITION PLAN - ELECTRICAL

E2.00 BASEMENT PLAN - LIGHTING
E2.01 LEVEL 01 FLOOR PLAN - LIGHTING
E2.02 LEVEL 02 FLOOR PLAN - LIGHTING

E3.00 BASEMENT PLAN - POWER
E3.01 LEVEL 01 FLOOR PLAN - POWER
E3.02 LEVEL 02 FLOOR PLAN - POWER

E4.01 PARTIAL SINGLE LINE DIAGRAM- ELECTRICAL

GENERAL ELECTRICAL NOTES

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

B. SCHEDULE WORK IN EXISTING BUILDINGS WITH THE OWNER. MINIMIZE DISRUPTION OF NORMAL OPERATIONS.

C. VISIT THE SITE BEFORE SUBMITTING A BID TO OBSERVE EXISTING CONDITIONS.

D. ELECTRICAL CIRCUITS SHALL BE INTERRUPTED ONLY WITH PRIOR WRITTEN CONSENT. SUCH INTERRUPTIONS SHALL BE PRECEDED BY ALL POSSIBLE PREPARATIONS BY THE CONTRACTOR WHICH ARE NECESSARY TO KEEP THE ELECTRICAL CIRCUITS OFF FOR A MINIMUM PERIOD IN AN EXPEDITIOUS MANNER PURSUANT WITH GOOD WORKMANSHIP. THIS INCLUDES CIRCUIT TRACING TO IDENTIFY THE ELECTRICAL LOAD BEING SERVED AND THE ORIGIN OF THE CIRCUIT.

E. COORDINATE WITH OWNER SO THAT WORK CAN BE SCHEDULED NOT TO INTERRUPT OPERATIONS, NORMAL ACTIVITIES, BUILDING ACCESS, ACCESS TO DIFFERENT AREAS. THE OWNER WILL COOPERATE TO THE BEST OF THEIR ABILITY TO ASSIST IN A COORDINATED SCHEDULE BUT WILL REMAIN THE FINAL AUTHORITY AS TO TIME OF WORK PERMITTED.

F. COORDINATE THE EXACT LOCATION OF EXISTING UTILITIES AND EQUIPMENT PRIOR TO COMMENCEMENT OF WORK. COMPENSATE THE OWNER FOR DAMAGES CAUSED BY THE FAILURE TO LOCATE AND PRESERVE UTILITIES. REPLACE DAMAGED ITEMS WITH NEW MATERIAL TO MATCH EXISTING.

G. REMOVE EXISTING LUMINAIRES, SWITCHES, RECEPTACLES, AND OTHER ELECTRICAL EQUIPMENT AND DEVICES AND ASSOCIATED WIRING FROM WALLS, CEILINGS, FLOORS, AND OTHER SURFACES SCHEDULED FOR REMODELING, RELOCATION, OR DEMOLITION UNLESS SHOWN AS RETAINED OR RELOCATED ON DRAWINGS.

H. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN ELECTRICAL CONTINUITY OF EXISTING SYSTEMS DURING CONSTRUCTION. REMOVE OR RELOCATE ELECTRICAL BOXES, CONDUIT, WIRING, EQUIPMENT, LUMINAIRES, AND THE LIKE, AS REQUIRED IN REMOVED OR REMODELED AREAS IN THE EXISTING CONSTRUCTION AFFECTED BY THIS WORK.

I. REMOVE AND RESTORE WIRING WHICH SERVES USABLE EXISTING OUTLETS CLEAR OF THE CONSTRUCTION OR DEMOLITION.

J. IF EXISTING JUNCTION BOXES WILL BE MADE INACCESSIBLE, OR IF ABANDONED OUTLETS SERVE AS FEED THROUGH BOXES FOR OTHER EXISTING ELECTRICAL EQUIPMENT WHICH IS BEING RETAINED, PROVIDE NEW CONDUIT AND WIRE TO BYPASS THE ABANDONED OUTLETS.

K. IF EXISTING CONDUITS PASS THROUGH PARTITIONS OR CEILING WHICH ARE BEING REMOVED OR REMODELED, PROVIDE NEW CONDUIT AND WIRE TO REROUTE CLEAR OF THE CONSTRUCTION OR DEMOLITION AND MAINTAIN SERVICE TO THE EXISTING LOAD.

L. CONCEALED CONDUIT LOCATED IN CONCRETE WALLS OR HARDBOARD CEILING SPACES MAY BE ABANDONED IN PLACE. REMOVE CONDUCTORS AND TAG ABANDONED CONDUITS WITH CORRESPONDING SYSTEM AND TERMINATION POINT. CUT AND CAP ABANDONED CONDUIT. DO NOT EXTEND STUBS ABOVE FINISHED FLOOR.

M. EXTEND CIRCUITING AND DEVICES IN EXISTING WALLS TO BE FURRED OUT.

N. VERIFY EXACT LOCATION AND NUMBER OF EXISTING ELECTRICAL OUTLETS AND LUMINAIRES IN THE FIELD. LOCATIONS OF ITEMS SHOWN ON DRAWINGS AS EXISTING ARE PARTIALLY BASED ON RECORD AND OTHER DRAWINGS WHICH MAY CONTAIN ERRORS. VERIFY THE ACCURACY OF THE INFORMATION SHOWN PRIOR TO BIDDING AND PROVIDE SUCH LABOR AND MATERIAL AS IS NECESSARY TO ACCOMPLISH THE INTENT OF THE CONTRACT DOCUMENTS.

O. REMOVE ABANDONED WIRING TO SOURCE OF SUPPLY TO LEAVE SITE CLEAN.

P. PROVIDE BLANK COVER PLATE FOR ABANDONED FLUSH OUTLETS.

Q. MAINTAIN ACCESS TO EXISTING ELECTRICAL INSTALLATIONS WHICH REMAIN ACTIVE. MODIFY INSTALLATION OR PROVIDE ACCESS PANEL AS APPROPRIATE.

R. OFFER REMOVED LUMINAIRES, WIRING DEVICES, PANELBOARDS AND EQUIPMENT TO THE OWNER. IF OWNER CHOOSES TO RETAIN THESE ITEMS, RETURN SUCH ITEMS TO OWNER. CAREFULLY REMOVE AND DISPOSE OF ITEMS REJECTED BY OWNER FROM PROJECT SITE AND IN A LEGAL MANNER.

S. RECONNECT EXISTING LUMINAIRES NOT SHOWN ON DRAWINGS AND AFFECTED DUE TO DEMOLITION TO NEAREST AVAILABLE EXISTING LIGHTING CIRCUIT ABLE TO TAKE THE ADDITIONAL LOAD.

T. 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.

U. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

V. DRAWINGS AND SPECIFICATIONS COMPLEMENT EACH OTHER. REQUIREMENT BY EITHER INFERS REQUIREMENT BY BOTH.

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

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

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

Z. FOR 120 VOLT, 20 AMP CIRCUITS, WHERE CIRCUIT DISTANCE FROM PANELBOARD TO FARTHEST DEVICE/FIXTURE EXCEEDS 60 FEET, PROVIDE #10 SIZE PHASE AND GROUND CONDUCTORS. WHERE CIRCUIT DISTANCE FROM PANELBOARD TO FARTHEST DEVICE/FIXTURE EXCEEDS 90 FEET, PROVIDE # 8 SIZE PHASE AND GROUND CONDUCTORS. NOTIFY ENGINEER FOR CIRCUITS EXCEEDING 140 FEET. UPSIZE RACEWAY SIZES AS REQUIRED PER CEC.

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

AB. RECEPTACLE OUTLETS SHALL BE INSTALLED IN COMPLIANCE WITH CEC SECTIONS 210.8, 210.50, AND 406.12.

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

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

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

AF. DESIGN OF TEMPORARY POWER FOR CONSTRUCTION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. REMOVE TEMPORARY POWER PRIOR TO COMPLETION OF PROJECT.

CLIENT

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COUNTY OF ALAMEDA

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	03/13/2026	100% SCHEMATIC DESIGN
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Project

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PRELIMINARY

NOT FOR CONSTRUCTION
Expires 12/31/26

Drawing Title

SYMBOL LIST AND GENERAL NOTES - ELECTRICAL

Drawing No.

E0.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	HOUSING	SHIELDING	MOUNTING	FINISH	UL/IP RATING	DRIVER/ POWER SUPPLY	LIGHT SOURCE	INPUT WATTS	VOLTAGE	MFG/CATALOG #	NOTES
L1	SURFACE MOUNT LINEAR LED	22-GAUGE COLD-ROLLED STEEL	ACYLIC LENS	SURFACE	TO BE SELECTED BY ARCHITECT	DAMP	INTEGRAL DRIVER, 0-10V DIMMING	LED, 2916 LUMENS, 3500K, 80CRI	19.7	UNV	H.E WILLIAMS 75S-4-L30/835-DIM-UNV OR APPROVED EQUIVALENT	
L2	4" CYLINDER LED	ALUMINUM	N/A	SUSPENDED	TO BE SELECTED BY ARCHITECT	DAMP	INTEGRAL DRIVER 0-10V DIMMING TO 1%	LED, 3000 LUMENS, 3500K, 90CRI	34W	120	DMF 4" CYLINDER 4CP-R-08-C-C-S-D-30-NS-0-00-00-35-X-0-S OR APPROVED EQUIVALENT	
L3	4" SQUARE LED DOWNLIGHT	METAL	N/A	SURFACE	TO BE SELECTED BY ARCHITECT	DAMP	INTEGRAL DRIVER, 0-10V DIMMING	LED, 1500 LUMENS, 3500K, 90CRI	15.1W	120	LIGHTOLIER LYTEPROFILE 4 FRAME: 4-S-N-UNV ENGINE/TRIM:P4S-DL-15-935-M-X-X-Z10-U-X OR APPROVED EQUIVALENT	
L4	SURFACE MOUNT LINEAR LED	METAL	N/A	SURFACE	TO BE SELECTED BY ARCHITECT	DAMP	INTEGRAL DRIVER, 0-10V DIMMING	LED, 2438 LUMENS, 3500K, 90CRI	26.8W	120	FINELITE HP-3 HP-3-SM-D-4'-S-830-F-120-SC-FC-10%-X-FE-X OR APPROVED EQUIVALENT	
S1	EXTERIOR LED FLOODLIGHT	DIE-CAST ALUMINUM	IMPACT RESISTANT LENS	WALL MOUNTED	TO BE SELECTED BY ARCHITECT	WET, IP66	INTEGRAL DRIVER, 0-10V DIMMING	LED, 5500 LUMENS, RGBW(30K), 90CRI	48W	120V	GARDCO CSFS-A04-740-A33-X-120 OR APPROVED EQUIVALENT	1. LUMINAIRE TO BE AIMED AT EXTERIOR PATHWAY. CONTRACTOR TO COORDINATE AIMING ANGLES WITH OWNER PRIOR TO INSTALLATION. 2. PROVIDE ALL NECESSARY OPTIONS AND ACCESSORIES FOR A COMPLETE AND OPERATIONAL SYSTEM.
X1	EXIT SIGN - SINGLE FACE	THERMOPLASTIC	N/A	SURFACE, UNIVERSAL	WHITE	DAMP	-	LED - GREEN LETTERS	2.5W	UNV	LITHONIA LIGHTING #LQM-S-W-3-G-120/277 OR APPROVED EQUIVALENT	1. PROVIDE SUITABLE MOUNTING FOR EXIT SIGN BASED ON EXISTING CONFIGURATION OF CEILING.

NOTES:

1 THIS LUMINAIRE SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING THE ELECTRICAL SPECIFICATIONS.
2 DIMMING CONTROL PROTOCOL (0-10VDC, LINE VOLTAGE, DALI, ETC.) COMPATIBLE WITH LIGHTING CONTROL SYSTEM AS SPECIFIED AND SHOWN ON DRAWINGS.
3 COORDINATE ALL CEILING TYPES WITH LUMINAIRE LOCATIONS PRIOR TO ORDERING LUMINAIRES. COORDINATE INSTALLATION WITH REFLECTED CEILING PLAN.
4 PROVIDE +/- 12 INCH ADJUSTABILITY IN AIRCRAFT CABLE LENGTH WHERE USED.
4 SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED.
5 PROVIDE SUBMITTALS THAT INCLUDE THE LUMINAIRE, LAMP AND DIMMABLE LED DRIVER INFORMATION OF EACH LUMINAIRE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD.
6 PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 LIGHTING COMMISSIONING REQUIREMENTS.

NON-RESIDENTIAL LIGHTING CONTROL MATRIX: SPACE BY SPACE

SPACE NAME	TYPE OF CONTROLS	CONTROL FUNCTIONS	PRODUCT BASIS OF DESIGN
OPEN OFFICES > 600 SQFT	ON/OFF/DIMMING SWITCH, OCCUPANCY SENSOR	MANUAL ON/OFF/DIMMING CONTROL (ACCESSIBLE TO USERS) EACH OCCUPANT SENSING CONTROLS SHALL BE CONFIGURED WITH ZONES UP TO, AND NOT GREATER THAN 600 SQFT. AFTER 15 MINUTES VACANCY IN EACH CONTROL ZONE, GENERAL LIGHTING TO DIM TO 20% POWER IN THAT CONTROL ZONE. OCCUAPNCY CONTROL TO AUTOMATICALLY SHUT-OFF GENERAL LIGHTING IN ALL CONTROL ZONES AFTER 15 MINUTES OF VACANCY IN THE ENTIRE SPACE. WHEN A CONTROL ZONE DETECTS OCCUPANCY, LIGHTS SHALL TURN ON TO 100% POWER, LIGHTING IN ALL OTHER CONTROL ZONES TO TURN ON LIGHTINS TO 20% POWER. LIGHTING WITHIN DAYLIT ZONES TO BE AUTOMATICALLY DIMMED BY DAYLIGHT SENSOR. PROVIDE SEPARATE DAYLIGHT CONTROL FOR LUMINAIRES IN EACH TYPE OF DAYLIT ZONE (PRIMARY, SECONDARY, SKYLIT).	
CORRIDOR	ON/OFF SWITCH, OCCUPANCY SENSOR, AUTOMATIC TIMECLOCK,	MANUAL ON/OFF CONTROL AUTO-ON TO 100% POWER WHEN OCCUPANCY IS SENSED, LIGHTS TO DIM TO 50% POWER AFTER 15 MINUTES OF VACANCY. ALL LIGHTING TO BE AUTOMATICALLY SHUT OFF WHEN BUILDING IS TYPICALLY UNOCCUPIED VIA TIMECLOCK CONTROL	
LOBBY	ON/OFF/DIMMING SWITCH, AUTOMATIC TIME CLOCK, OCCUPANCY SENSOR	MANUAL ON/OFF/DIMMING CONTROL (ACCESSIBLE TO USERS) LIGHTS TO TURN ON ONE HOUR BEFORE BUSINESS OPENING HOURS AND TURN OFF TWO HOURS AFTER BUSINESS IS CLOSED VIA TIME CLOCK SCHEDULE. AUTO-ON TO 100% POWER WHEN OCCUPANCY IS SENSED, LIGHTS TO DIM TO 50% POWER AFTER 20 MINUTES OF VACANCY. ALL LIGHTING TO BE AUTOMATICALLY SHUT OFF WHEN BUILDING IS TYPICALLY UNOCCUPIED VIA TIMECLOCK CONTROL.	
RESTROOM	ON/OFF SWITCH WITH INTEGRAL OCCUPANCY SENSOR	MANUAL ON/OFF CONTROL (ACCESSIBLE TO USERS) AUTO-ON TO 100% POWER WHEN OCCUPANCY IS SENSED, AUTO-OFF AFTER 20 MINUTES OF VACANCY.	
BREAK ROOM	ON/OFF/DIMMING SWITCH, OCCUPANCY SENSOR	MANUAL ON/OFF/DIMMING CONTROL (ACCESSIBLE TO USERS) PARTIAL-ON TO 50% POWER WHEN OCCUPANCY IS SENSED, AUTO-OFF AFTER 15 MINUTES OF VACANCY. LIGHTS CAN BE TURN ON TO 100% POWER VIA WALL SWITCH CONTROL.	
CONFERENCE/MEETING/TRAINING ROOMS	ON/OFF/DIMMING SWITCH, OCCUPANCY SENSOR	MANUAL ON/OFF/DIMMING CONTROL (ACCESSIBLE TO USERS) PARTIAL-ON TO 50% POWER WHEN OCCUPANCY IS SENSED, AUTO-OFF AFTER 15 MINUTES OF VACANCY. LIGHTS CAN BE TURN ON TO 100% POWER VIA WALL SWITCH CONTROL. RECEPTACLES REQUIRING PLUG LOAD CONTROL SHALL BE CONTROLLED BY LOCAL OCCUPANCY SENSOR IN SPACE.	
ELECTRICAL ROOM	ON/OFF SWITCH	MANUAL ON/OFF CONTROL (ACCESSIBLE TO USERS)	
ALL EXTERIOR LIGHTING	PHOTOCELL, AUTOMATIC SCHEDULE CONTROLS	ASTRONOMICAL TIME-CLOCK TO TURN ON ALL LIGHTING AT DUSK (SUNSET) AND TURN OFF ALL LIGHTING AT DAWN (SUNRISE). PHOTO-CELL TO TURN ON ALL LIGHTING WHEN DAYLIGHT IS NOT AVAILALBLE AND TURN OFF ALL LIGHTING WHEN DAYLIGHT IS AVAILABLE. AUTOMATIC SCHEDULING TIME-CLOCK AT TURN ON LIGHTING DURING OPENING HOURS AND TURN OFF ALL LIGHTING [OR REDUCE LIGHTING POWER BY 50%] AT SCHEDULED UNOCCUPIED PERIODS.	

GENERAL NOTES:

A. BASIS OF DESIGN IS WATTSTOPPER DLM WIRED .
B. DEMAND RESPONSE IS NOT REQUIRED PER CA TITLE 24 FOR BUILDINGS WITH CONNECTED LIGHTING LOADS UNDER 4,000W.
C. REFER TO SPECIFICATION SECTION 26 09 25 IN CONJUNCTION WITH THIS SCHEDULE.
D. LIGHTING CONTROLS TO COMPLY WITH THE CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS, 2022 TITLE 24.
E. PROVIDE INITIAL START UP TRAINING WITH OWNER AND DESIGN TEAM, AND AN ADDITIONAL VISIT FOR ADJUSTMENTS ONCE AFTER OCCUPANCY.

CLIENT

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ALAMEDA COUNTY

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Consultant
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SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER JASON A. MILLER ELECTRICAL STATE OF CALIFORNIA
NOT FOR CONSTRUCTION
Exp. 06/30/26
PRELIMINARY

Drawing Title
LUMINAIRE SCHEDULES - ELECTRICAL

Drawing No.
E0.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

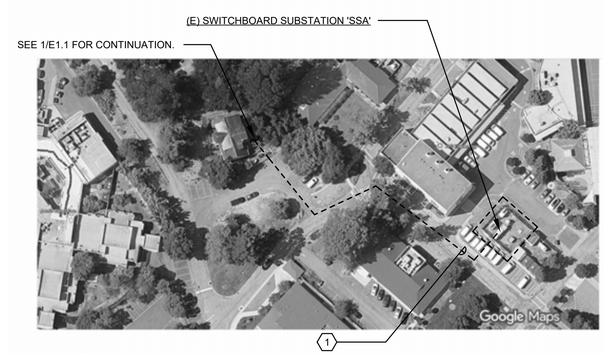
1 PARTIAL SITE PLAN - ELECTRICAL

0' 4' 8' 16'

1" = 20'-0"

SHEET KEYNOTES

1. PROPOSED UNDERGROUND CONDUIT ROUTE. COORDINATE WITH CIVIL ENGINEER FOR EXACT ROUTING. SEE SHEET E4.1 FOR FEEDER SIZES AND REQUIREMENTS.
2. DUAL HEAD ELECTRIC VEHICLE CHARGING STATION. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO INSTALLATION. COORDINATE EXACT CONNECTION DETAILS WITH MANUFACTURER (CHARGEPOINT) PRIOR TO INSTALLATION. PROVIDE 1" CONDUIT STUB UP PER CHARGER HEAD UNDER SLAB.
3. PROVIDE 120V POWER CONNECTION FOR IRRIGATION CONTROLLER. COORDINATE WITH THE LANDSCAPE CONSULTANT FOR EXACT LOCATION.



2 OVERALL SITE PLAN - ELECTRICAL

12" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT 2025-1084
CONTACT Philip Nguyen

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Revision Number	DATE	ISSUE DESCRIPTION
	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

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Exp. ...26

PRELIMINARY

Drawing Title

SITE PLAN - ELECTRICAL

Drawing No.

E1.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

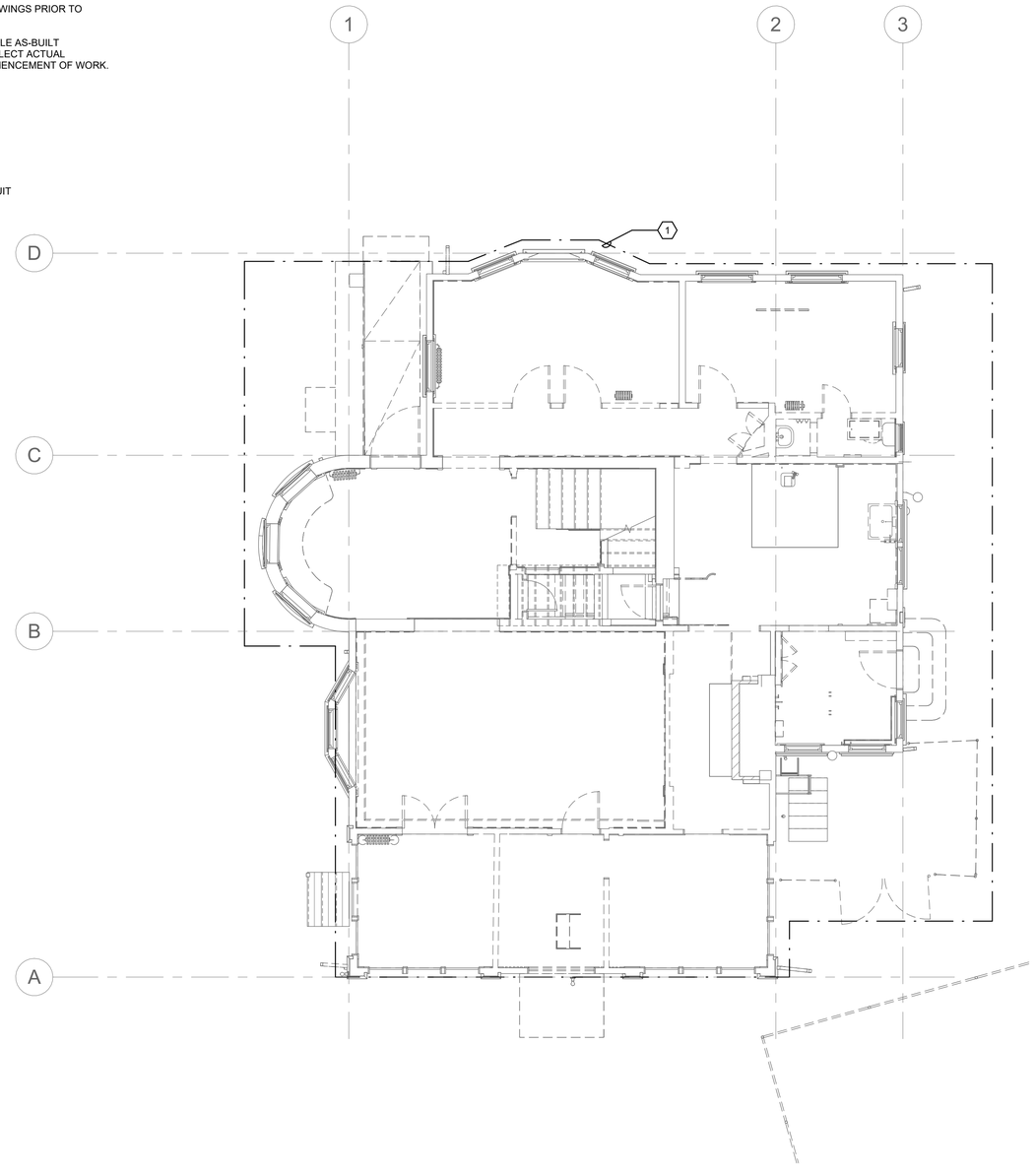
GENERAL ELECTRICAL NOTES

A. COORDINATE DEMOLITION WORK WITH ARCHITECTURAL DRAWINGS PRIOR TO COMMENCEMENT OF WORK.

B. DESIGN DRAWINGS ARE BASED ON ASSESSMENT OF AVAILABLE AS-BUILT DRAWINGS. AS-BUILT DRAWINGS MAY NOT ACCURATELY REFLECT ACTUAL CONDITIONS. FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

SHEET KEYNOTES

1. EXISTING RECEPTACLES, LUMINAIRES AND LIGHTING CONTROLS, MECHANICAL AND PLUMBING EQUIPMENT TO BE REMOVED. FOR UNUSED CIRCUITS, REMOVE CIRCUIT, CONDUIT AND ASSOCIATED HARDWARE BACK TO PANEL SOURCE.



1 LEVEL 1 DEMOLITION PLAN - ELECTRICAL

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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ALAMEDA COUNTY

INTERFACE ENGINEERING

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Project

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PRELIMINARY

Drawing Title

LEVEL 1 DEMOLITION PLAN - ELECTRICAL

Drawing No.

ED1.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL ELECTRICAL NOTES

A. COORDINATE DEMOLITION WORK WITH ARCHITECTURAL DRAWINGS PRIOR TO COMMENCEMENT OF WORK.

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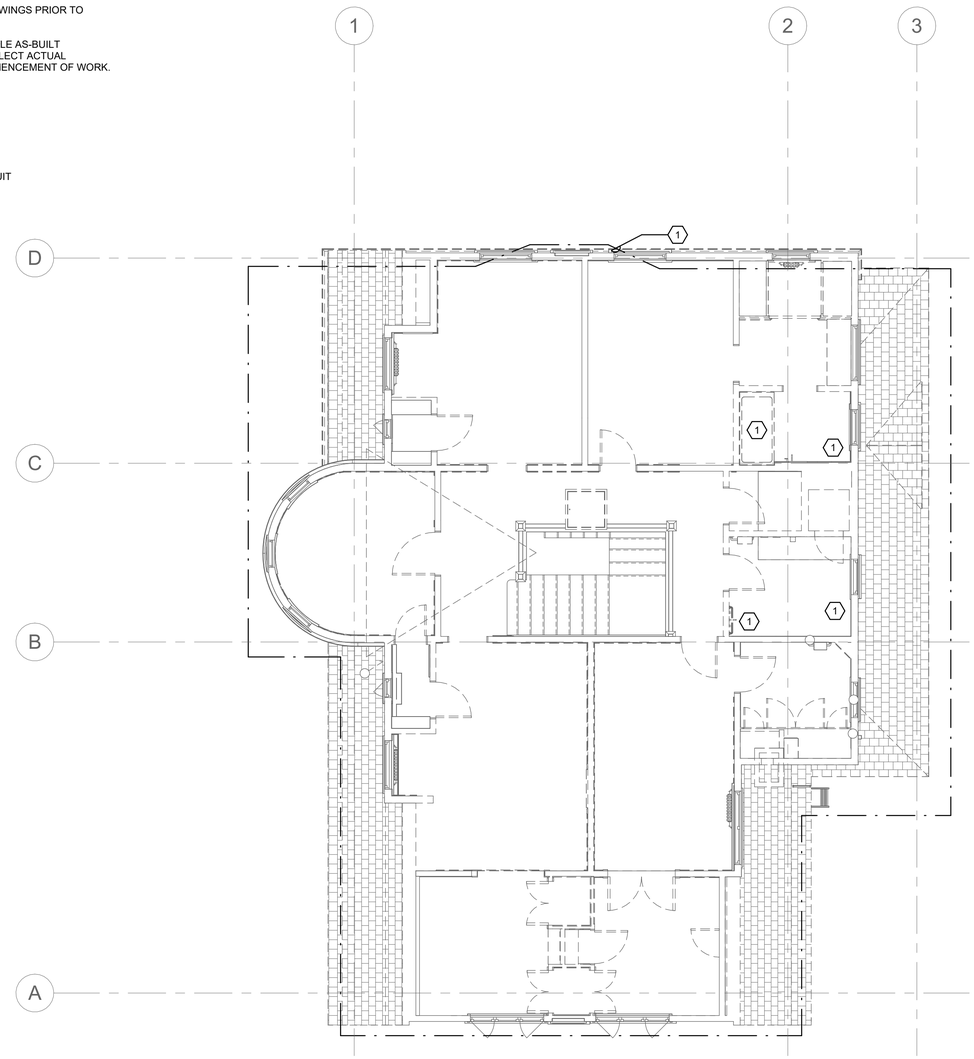
SHEET KEYNOTES

1. EXISTING RECEPTACLES, LUMINAIRES AND LIGHTING CONTROLS, MECHANICAL AND PLUMBING EQUIPMENT TO BE REMOVED. FOR UNUSED CIRCUITS, REMOVE CIRCUIT, CONDUIT AND ASSOCIATED HARDWARE BACK TO PANEL SOURCE.



1 LEVEL 2 DEMOLITION PLAN - ELECTRICAL

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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PRELIMINARY

Drawing Title

LEVEL 2 DEMOLITION PLAN - ELECTRICAL

Drawing No.

ED1.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

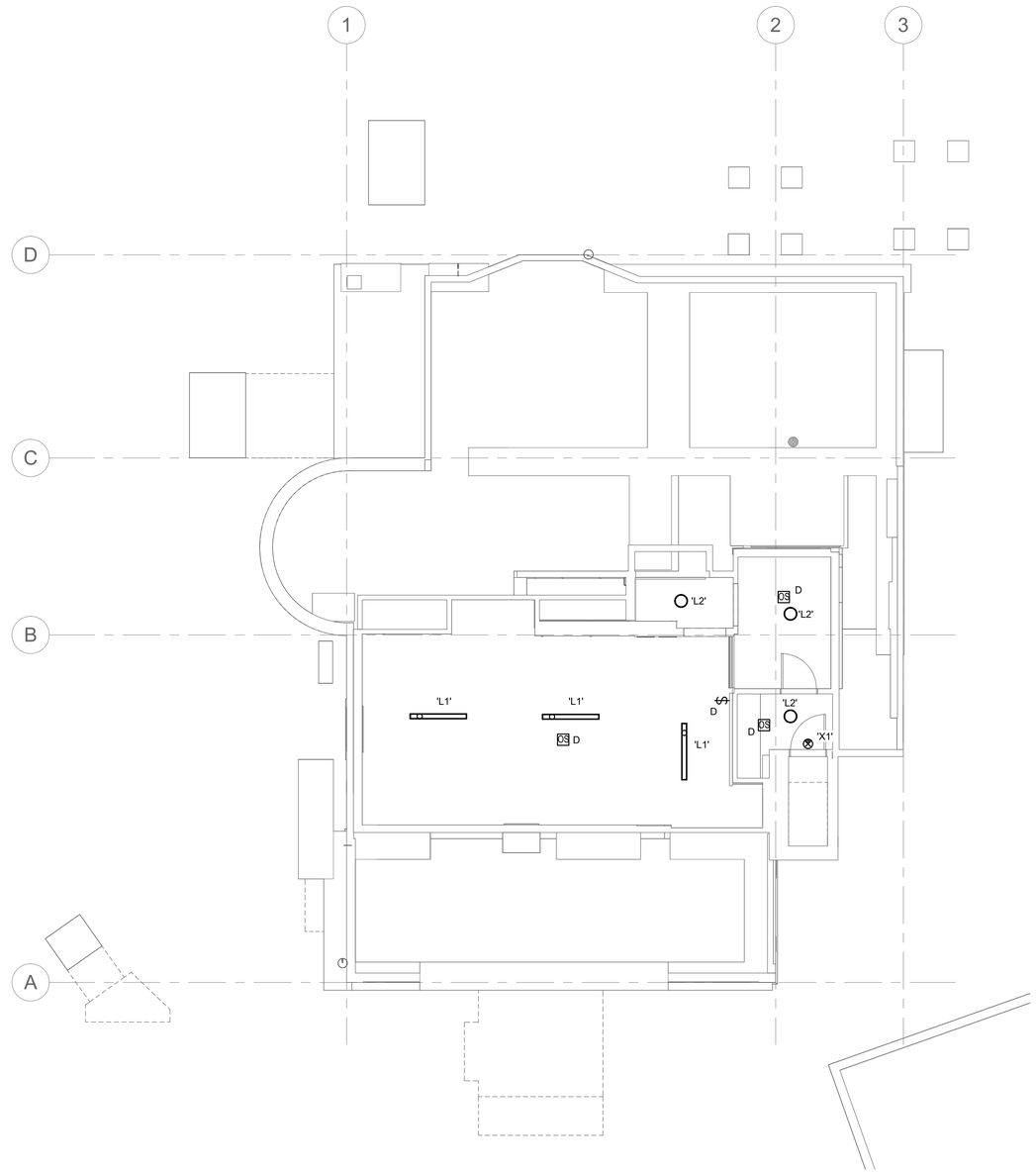
GENERAL ELECTRICAL NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF LUMINAIRES AND LIGHTING CONTROLS WITH ARCHITECT PRIOR TO INSTALLATION.

B. PROVIDE EMERGENCY LIGHTING ALONG EGRESS PATHS AS INDICATED ON ARCHITECTURAL LIFE SAFETY PLANS. PROVIDE EMERGENCY LIGHTING RELAY, ONE PER SWITCH LEG WITHIN ROOM SPACE AND/OR AREA WITH EMERGENCY LIGHTING.

C. REFER TO LIGHTING CONTROL MATRIX ON SHEET E0.2 FOR ADDITIONAL INFORMATION ON THE TYPE OF CONTROLS TO BE PROVIDED FOR EACH SPACE TYPE.

D. EMERGENCY LUMINAIRES SWITCHED/DIMMED WITH NORMAL LUMINAIRES IN SPACE AND SHALL OPERATE ON 100% FULL OUTPUT WHEN OPERATING ON EMERGENCY POWER. PROVIDE UL924 RELAY DEVICE FOR EMERGENCY CIRCUIT TO BYPASS CONTROLS DURING POWER OUTAGE.



1 LEVEL 00 LIGHTING PLAN - OVERALL

0' 4' 8' 12'
3/16" = 1'-0"

PROJECT NORTH

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	05/14/2026	100% DESIGN DEVELOPMENT

Project

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PRELIMINARY

Drawing Title

BASEMENT PLAN - LIGHTING

Drawing No.

E2.00

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL ELECTRICAL NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF LUMINAIRES AND LIGHTING CONTROLS WITH ARCHITECT PRIOR TO INSTALLATION.

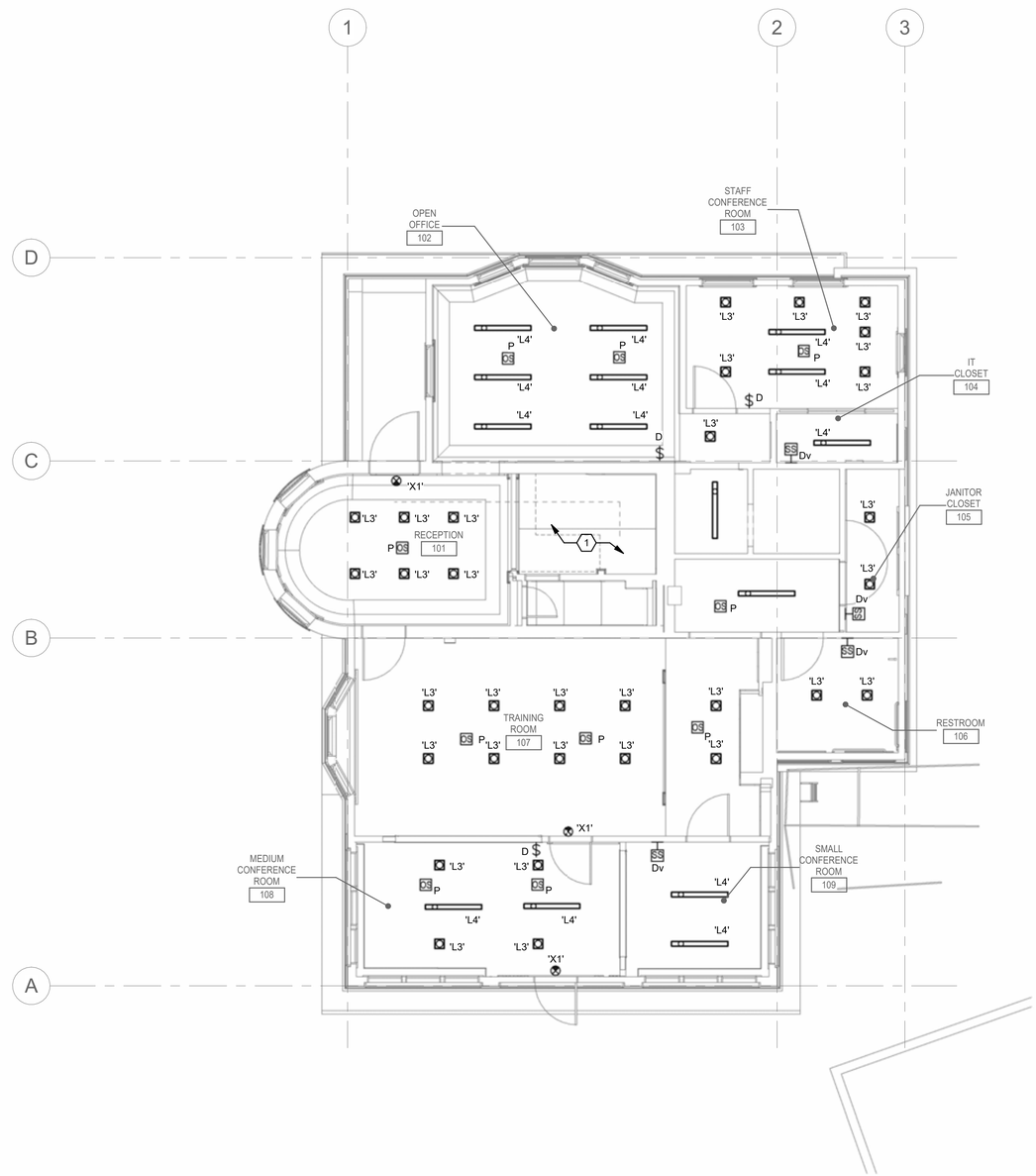
B. PROVIDE EMERGENCY LIGHTING ALONG EGRESS PATHS AS INDICATED ON ARCHITECTURAL LIFE SAFETY PLANS. PROVIDE EMERGENCY LIGHTING RELAY, ONE PER SWITCH LEG WITHIN ROOM SPACE AND/OR AREA WITH EMERGENCY LIGHTING.

C. REFER TO LIGHTING CONTROL MATRIX ON SHEET E0.2 FOR ADDITIONAL INFORMATION ON THE TYPE OF CONTROLS TO BE PROVIDED FOR EACH SPACE TYPE.

D. EMERGENCY LUMINAIRES SWITCHED/DIMMED WITH NORMAL LUMINAIRES IN SPACE AND SHALL OPERATE ON 100% FULL OUTPUT WHEN OPERATING ON EMERGENCY POWER. PROVIDE UL924 RELAY DEVICE FOR EMERGENCY CIRCUIT TO BYPASS CONTROLS DURING POWER OUTAGE.

SHEET KEYNOTES

1. SEE LEVEL ABOVE (SHEET E2.2) FOR LIGHTING ABOVE STAIRWAY.



1 LEVEL 01 RCP - LIGHTING

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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Exp. 06/30/26

PRELIMINARY

Drawing Title

LEVEL 01 FLOOR PLAN - LIGHTING

Drawing No.

E2.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL ELECTRICAL NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF LUMINAIRES AND LIGHTING CONTROLS WITH ARCHITECT PRIOR TO INSTALLATION.

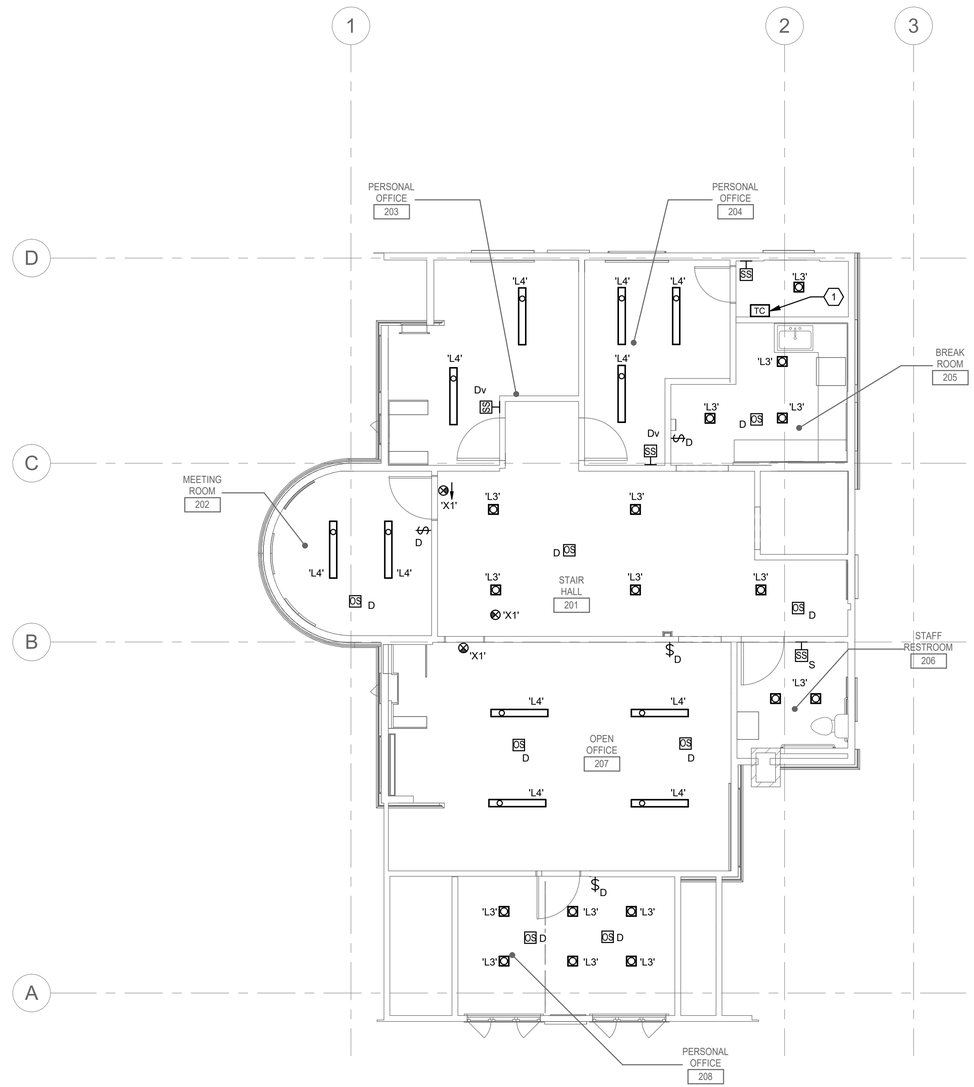
B. PROVIDE EMERGENCY LIGHTING ALONG EGRESS PATHS AS INDICATED ON ARCHITECTURAL LIFE SAFETY PLANS. PROVIDE EMERGENCY LIGHTING RELAY, ONE PER SWITCH LEG WITHIN ROOM SPACE AND/OR AREA WITH EMERGENCY LIGHTING.

C. REFER TO LIGHTING CONTROL MATRIX ON SHEET E0.2 FOR ADDITIONAL INFORMATION ON THE TYPE OF CONTROLS TO BE PROVIDED FOR EACH SPACE TYPE.

D. EMERGENCY LUMINAIRES SWITCHED/DIMMED WITH NORMAL LUMINAIRES IN SPACE AND SHALL OPERATE ON 100% FULL OUTPUT WHEN OPERATING ON EMERGENCY POWER. PROVIDE UL924 RELAY DEVICE FOR EMERGENCY CIRCUIT TO BYPASS CONTROLS DURING POWER OUTAGE.

SHEET KEYNOTES

1. PROVIDE INTERMATIC DIGITAL TIMECLOCK FOR AUTO SCHEDULING OF LIGHTING CONTROLS WITHIN THE BUILDING. COORDINATE EXACT LOCATION WITH THE ARCHITECT.



1 LEVEL 02 RCP - LIGHTING

0' 4' 8' 12'
3/16" = 1'-0"

PROJECT NORTH

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Project

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NOT FOR CONSTRUCTION
Exp. 12/31/26

PRELIMINARY

Drawing Title

LEVEL 02 FLOOR PLAN - LIGHTING

Drawing No.

E2.02

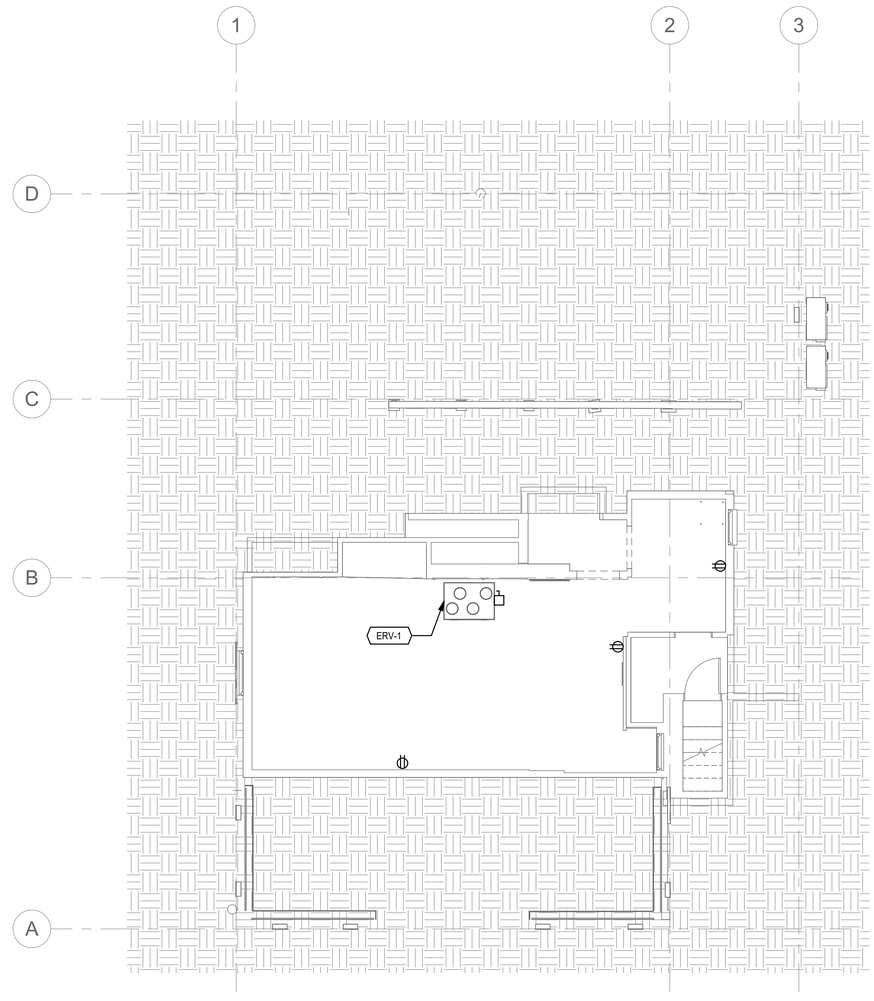
SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL ELECTRICAL NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLE OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.

B. COORDINATE EXACT LOCATION AND POWER REQUIREMENTS OF HVAC UNITS WITH DIVISION 23 PRIOR TO INSTALLATION. PROVIDE MAINTENANCE RECEPTACLE WITHIN 25' OF EACH EQUIPMENT PER CEC ARTICLE 210.63.



1 LEVEL 00 POWER PLAN - OVERALL

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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ALAMEDA COUNTY

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PROJECT 2025-1084
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Project

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NOT FOR CONSTRUCTION
Exp. 12/31/2026

PRELIMINARY

Drawing Title

BASEMENT PLAN - POWER

Drawing No.

E3.00

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL ELECTRICAL NOTES

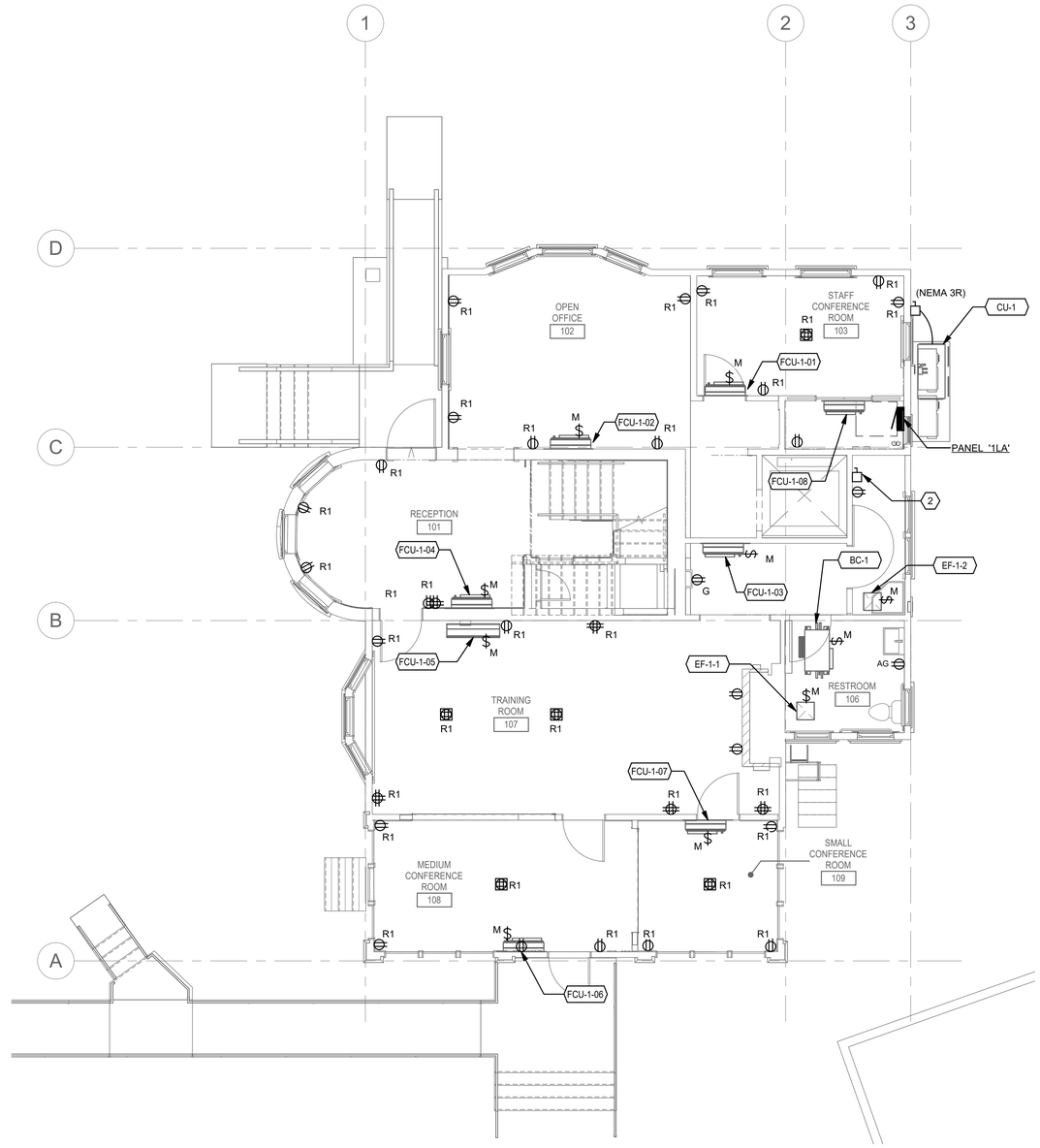
A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLE OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.

B. COORDINATE EXACT LOCATION AND POWER REQUIREMENTS OF PLUMBING EQUIPMENT WITH DIVISION 22 PRIOR TO INSTALLATION.

C. COORDINATE EXACT LOCATION AND POWER REQUIREMENTS OF HVAC UNITS WITH DIVISION 23 PRIOR TO INSTALLATION. PROVIDE MAINTENANCE RECEPTACLE WITHIN 25' OF EACH EQUIPMENT PER CEC ARTICLE 210.63.

SHEET KEYNOTES

1. PROVIDE 208V/3PH CONNECTION FOR ELEVATOR CONTROL BOX.



1 LEVEL 01 FLOOR PLAN - POWER

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

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PRELIMINARY

Drawing Title

LEVEL 01 FLOOR PLAN - POWER

Drawing No.

E3.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL ELECTRICAL NOTES

A. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT OF RECEPTACLE OUTLETS AND ELECTRICAL DEVICES WITH ARCHITECT PRIOR TO INSTALLATION.

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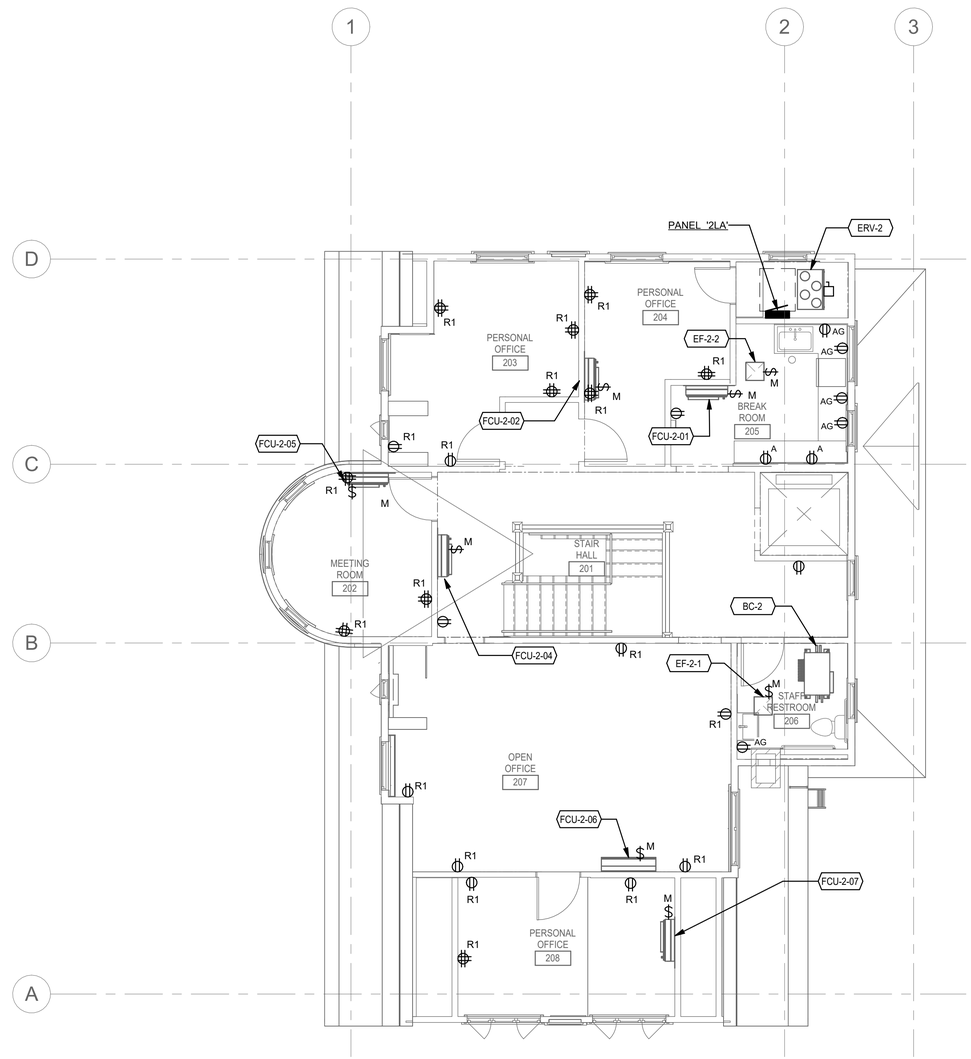

1 LEVEL 02 FLOOR PLAN - POWER

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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ALAMEDA COUNTY

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Exp. 06/30/26

PRELIMINARY

Drawing Title

LEVEL 02 FLOOR PLAN - POWER

Drawing No.

E3.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

ITEM	DESCRIPTION	LOCATION	VOLTS / PHASE	LOAD	MCA	MOCP	WIRE / CONDUIT	CIRCUIT	NOTES
FCU-1-01	FAN COIL UNIT	103 - CONF	208/1		2	20	202		
FCU-1-02	FAN COIL UNIT	102 - OFFICE	208/1		2	20	202		
FCU-1-03	FAN COIL UNIT	105 - ELEV LOBBY	208/1		2	20	202		
FCU-1-04	FAN COIL UNIT	101 - RECEPTION	208/1		2	20	202		
FCU-1-05	FAN COIL UNIT	108 - TRAINING	208/1		2	20	202		
FCU-1-06	FAN COIL UNIT	110 - CONF	208/1		2	20	202		
FCU-1-07	FAN COIL UNIT	109 - CONF	208/1		2	20	202		
FCU-1-08	FAN COIL UNIT	104 - IT	208/1		2	20	0		
FCU-2-01	FAN COIL UNIT	205 - BREAK	208/1		2	20	202		
FCU-2-02	FAN COIL UNIT	204 - OFFICE	208/1		2	20	202		
FCU-2-03	FAN COIL UNIT	203 - OFFICE	208/1		2	20	202		
FCU-2-04	FAN COIL UNIT	201 - HALL	208/1		2	20	202		
FCU-2-05	FAN COIL UNIT	202 - MEETING	208/1		2	20	202		
FCU-2-06	FAN COIL UNIT	208 - OFFICE	208/1		2	20	202		
FCU-2-07	FAN COIL UNIT	209 - OFFICE	208/1		2	20	202		
CU-1	CONDENSING UNIT	LEVEL 1	208/3		70	110	703		
EF-1-1	EXHAUST FAN	RESTROOM	120/1	2.0 FLA		20	202		
EF-1-2	EXHAUST FAN	JANITOR	120/1	2.0 FLA		20	202		
EF-2-1	EXHAUST FAN	RESTROOM	120/1	2.0 FLA		20	202		
EF-2-2	EXHAUST FAN	BREAK	120/1	2.0 FLA		20	202		
BC-1	VRF BRANCH CONTROLLER	LEVEL 1	208/1		1	20	202		
BC-2	VRF BRANCH CONTROLLER	LEVEL 2	208/1		1	20	202		
ERV-1	ENERGY RECOVERY UNIT	LEVEL 1	208/1		1	20	0		
ERV-2	ENERGY RECOVERY UNIT	LEVEL 2	208/1		1	20	202		

GENERAL MECHANICAL EQUIPMENT CONNECTION SCHEDULE NOTES

A. THE ABOVE INFORMATION IS FOR A SPECIFIC MANUFACTURER. ACTUAL MANUFACTURER FOR EQUIPMENT MAY BE DIFFERENT. COORDINATE WITH MECHANICAL EQUIPMENT SUBMITTALS FOR LOADS AND OVER CURRENT PROTECTION REQUIREMENTS PRIOR TO INSTALLATION OF WIRING.

B. MOCP = MAXIMUM OVER CURRENT PROTECTION
MCA = MINIMUM CIRCUIT AMPACITY

C. PROVIDE DISCONNECTING MEANS FOR EACH ITEM OF EQUIPMENT LISTED IN THE SCHEDULE ABOVE, EXCEPT AS SPECIFICALLY NOTED OTHERWISE IN SCHEDULE NOTES, BELOW.

WIRE / CONDUIT SCHEDULE

202 2 #12 CU, 1 #12 CU GND., IN 3/4" C.
703 3 #4 CU, 1 #8 CU GND., IN 1" C.

FEEDER SCHEDULE

Key

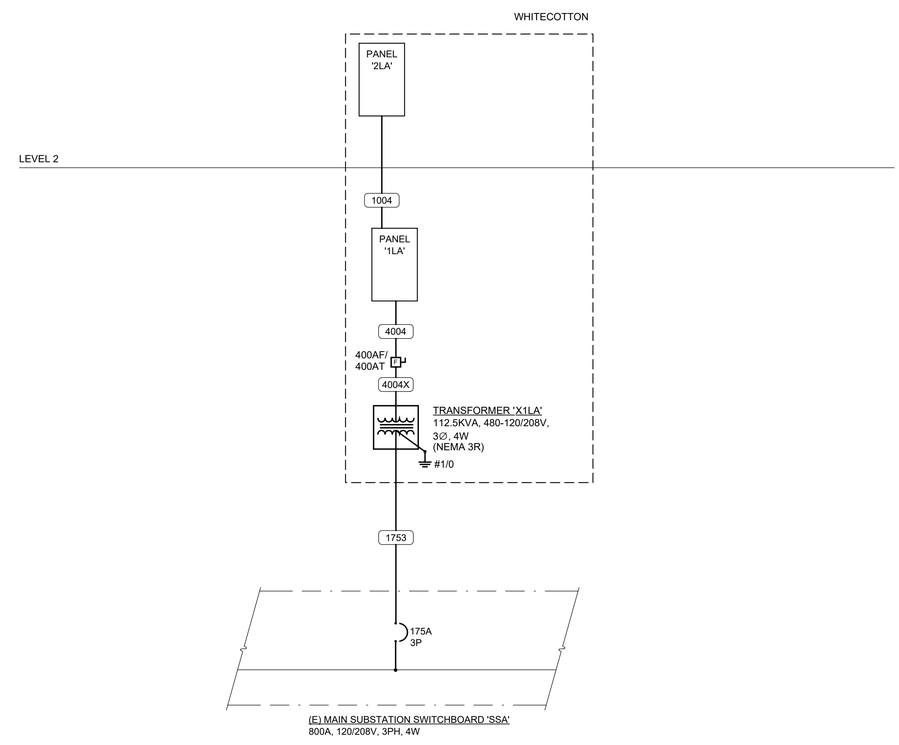
A, C, S, X — A = Aluminum; C = Conduit only; S = Service secondary; X = Separately derived system

1004 — 4 #2 CU, 1 #8 CU GND., IN 1-1/4" C.

1753 — 3 #2/0 CU, 1 #6 CU GND., IN 2" C.

4004 — 2 SETS OF (4 #3/0 CU, 1 #2 CU GND., IN 2" C.)

4004X — 2 SETS OF (4 #3/0 CU, 1 #2 CU GND., IN 2" C.)



GROUND FLOOR

1 PARTIAL SINGLE LINE DIAGRAM - ELECTRICAL

12" = 1'-0"

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ALAMEDA COUNTY

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	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION
15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant
PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER JASON A. ... ELECTRICAL STATE OF CALIFORNIA
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Exp. 12/31/2026
PRELIMINARY

Drawing Title
PARTIAL SINGLE LINE DIAGRAM-ELECTRICAL

Drawing No.
E4.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

PLUMBING SYMBOL LIST

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

Abbreviations

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

General

- KEYED NOTE
- DEMOLISH
- EXISTING WORK
- NEW WORK
- PIPE OR CONDUIT BELOW GRADE
- CONTINUATION
- EXTENT OF DEMOLITION
- POINT OF CONNECTION
- FIXTURE TAG (LEVEL BELOW FIXTURE)
- XXX-X — HVAC EQUIPMENT IDENTIFICATION (REF. ONLY)
- XX-X — PLUMBING EQUIPMENT IDENTIFICATION

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 — 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
- 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. ALL WORK UNDER THIS CONTRACT SHALL CONFORM TO THE CURRENT STATE, COUNTY AND NATIONAL CODES AND STANDARDS ADOPTED BY THE LOCAL JURISDICTIONS INCLUDING APPLICABLE AMENDMENTS.

B. CONDITIONS SHOWN 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.

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

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

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

F. ALL WASTE PIPE TO SLOPE MINIMUM OF 1/4" PER FOOT.

G. PROVIDE WATER HAMMER ARRESTERS TO DOMESTIC WATER LINES SERVING QUICK ACTING VALVES SUCH AS THE FOLLOWING:
1. FLUSH VALVES.
2. SOLENOID VALVES TO ICEMAKERS AND DISHWASHER.
3. SENSOR FAUCETS.
4. SINGLE HANDLE FAUCETS.
5. SINGLE HANDLE SHOWER VALVES.
6. SINGLE HANDLE TUB.SHOWER VALVES.

H. EXCEPT FOR SHOWER DRAINS, ALL FLOOR DRAINS, FLOOR SINKS, AND OTHER INDIRECT WASTE RECEPTORS DIRECTLY CONNECTED TO THE DRAINAGE SYSTEM SHALL BE PROVIDED WITH AN AUTOMATIC TRAP PRIMER.

I. PERMANENT VACUUM BREAKERS SHALL BE INCLUDED IN ALL HOSE BIBS.

J. INSTALLATION OF THE DOMESTIC HOT WATER SYSTEM SHALL COMPLY WITH THE MANDATORY REQUIREMENTS OF SECTION 1103.3 OF THE CALIFORNIA BUILDING ENERGY EFFICIENCY STANDARDS.

K. DRAINAGE PIPING SERVING FIXTURES THAT ARE LOCATED BELOW THE ELEVATION OF THE NEXT UPSTREAM MANHOLE SHALL BE PROVIDED WITH A BACKWATER VALVE. FIXTURES ABOVE THAT LEVEL SHALL NOT DISCHARGE THROUGH THIS VALVE.

L. SEWER VENTS SHALL TERMINATE AT LEAST 10 FEET HORIZONTALLY **(25 FEET FOR OSHPD PROJECTS)** FROM AND AT LEAST 3 FEET ABOVE OPERABLE WINDOW, DOOR OPENING, AIR INTAKE OR VENT SHAFT. VENT MUST BE AT LEAST 3 FEET FROM PROPERTY LINE.

M. PRIOR TO BEING CONCEALED, PIPING PENETRATIONS AT THE FIRE RESISTIVE ASSEMBLIES SHALL BE INSPECTED TO VERIFY COMPLIANCE WITH THE FIRE RESISTANCE RATING.

N. INDIRECT WASTE SHALL DISCHARGE TO THE BUILDING DRAINAGE THROUGH AN APPROVED AIR GAP OR AIR BREAK WITH A MINIMUM 1" DISTANCE FROM THE LOWEST POINT OF INDIRECT PIPE TO THE FLOOD LEVEL RIM OF THE RECEPTOR.

SHEET INDEX

P0.01 SYMBOL LIST AND GENERAL NOTES - PLUMBING
P0.02 SCHEDULES - PLUMBING

P1.00 SITE PLAN - PLUMBING

P2.00 BASEMENT DEMOLITION PLAN - PLUMBING
P2.01 LEVEL 1 DEMOLITION PLAN - PLUMBING
P2.02 LEVEL 2 DEMOLITION PLAN - PLUMBING

P3.00 BASEMENT PLAN - PLUMBING
P3.01 LEVEL 1 PLAN - PLUMBING
P3.02 LEVEL 2 PLAN - PLUMBING
P3.03 ROOF PLAN - PLUMBING

P4.01 ENLARGED PLANS AND SECTIONS - PLUMBING

P5.01 RISER/STACK DIAGRAMS - PLUMBING

P6.01 DETAILS - PLUMBING

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ALAMEDA COUNTY

INTERFACE ENGINEERING
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Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

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SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE M. ... EXP. 12/31/27 MECHANICAL STATE OF CALIFORNIA

PRELIMINARY

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Drawing Title

SYMBOL LIST AND GENERAL NOTES - PLUMBING

Drawing No.

P0.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

PLUMBING FIXTURE SCHEDULE

Accessible (HIDE)	SYMBOL	FIXTURE TYPE	ACCESSIBLE	DESCRIPTION	FIXTURE MODEL	FAUCET/ VALVE	ACCESSORIES	CONNECTION W	CONNECTION V	CONNECTION CW	CONNECTION HW	ELECTRICAL	COMMENTS
	FD-1	FLOOR DRAIN						SEE DWGS	SEE DWGS	PRIMER CONN.	--		
No	JS-1	MOP SINK	-					3	2	1/2	1/2	--	
Yes	L-1	LAVATORY	YES					1-1/2	1-1/2	1/2	1/2	--	SEE SPECIFICATION SECTION 224000 FOR TRAP COVERS, SUPPLY STOPS AND ADDITIONAL ACCESSORIES
Yes	SK-1	SINK	YES					2	1-1/2	1/2	1/2	--	SEE SPECIFICATION SECTION 224000 FOR SUPPLY STOPS AND ADDITIONAL ACCESSORIES.
Yes	WC-1	WATER CLOSET	YES					3	2	1/2	--	--	SEE ARCHITECTURAL PLANS FOR LOCATION. SEE SPECIFICATION SECTION 224000 FOR ADDITIONAL ACCESSORIES.

PLUMBING DEVICES SCHEDULE

SYMBOL	FIXTURE TYPE	DESCRIPTION	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	BASIS OF DESIGN ACCESSORIES	CONNECTION W	CONNECTION V	CONNECTION CW	CONNECTION HW	NOTES

PLUMBING PUMP SCHEDULE

SYMBOL	EQUIPMENT TYPE	LOCATION/ SERVING	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	FLOW RATE (GPM)	HEAD (FT H2O)	RPM	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL AMPS	ELECTRICAL WATTS	ELECTRICAL HP	NOTES

MISCELLANEOUS PLUMBING EQUIPMENT SCHEDULE

SYMBOL	EQUIPMENT TYPE	LOCATION/ SERVING	BASIS OF DESIGN MFR	BASIS OF DESIGN MODEL	ELECTRICAL VOLTS	ELECTRICAL PH	ELECTRICAL AMPS	NOTES
TMV-1					0	1		

FIXTURE UNIT CALCULATIONS - UPC

COUNT	DESCRIPTION	WATER SUPPLY FIXTURE UNITS CWFU (TABLE A-2)	WATER SUPPLY FIXTURE UNITS CWFU TOTAL	WATER SUPPLY FIXTURE UNITS .75 HWFU	DRAINAGE FIXTURE UNITS DFU (TABLE 7-3)	DRAINAGE FIXTURE UNITS DFU TOTAL
1	FLOOR DRAIN		0	0	2	2
2	LAVATORY	1	2	1.5	1	2
1	MOP SINK	3	3	2.25	3	3
1	SINK	2	2	1.5	2	2
2	WATER CLOSET, FLUSH TANK	2.5	5	0	4	8
FIXTURE UNIT COUNT TOTALS:			12	5.25		17

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Project

WHITECOTTON COTTAGE REHABILITATION

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SCHEDULES - PLUMBING

Drawing No.

P0.02

SKA Project Number: 25001

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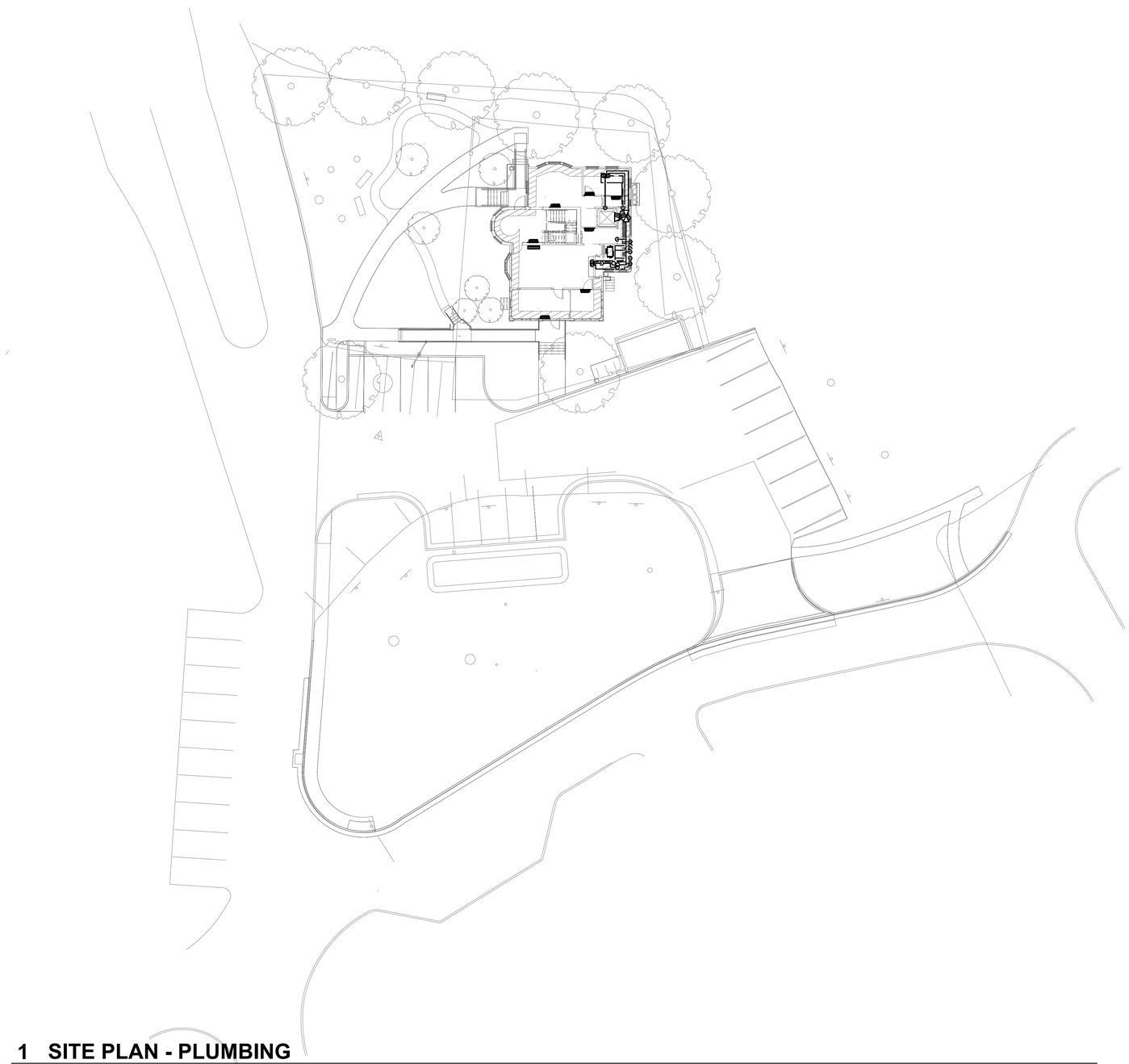

1 SITE PLAN - PLUMBING

0' 20' 40'

1" = 20'-0"

PROJECT NORTH

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Drawing Title

SITE PLAN - PLUMBING

Drawing No.

P1.00

SKA Project Number: 25001

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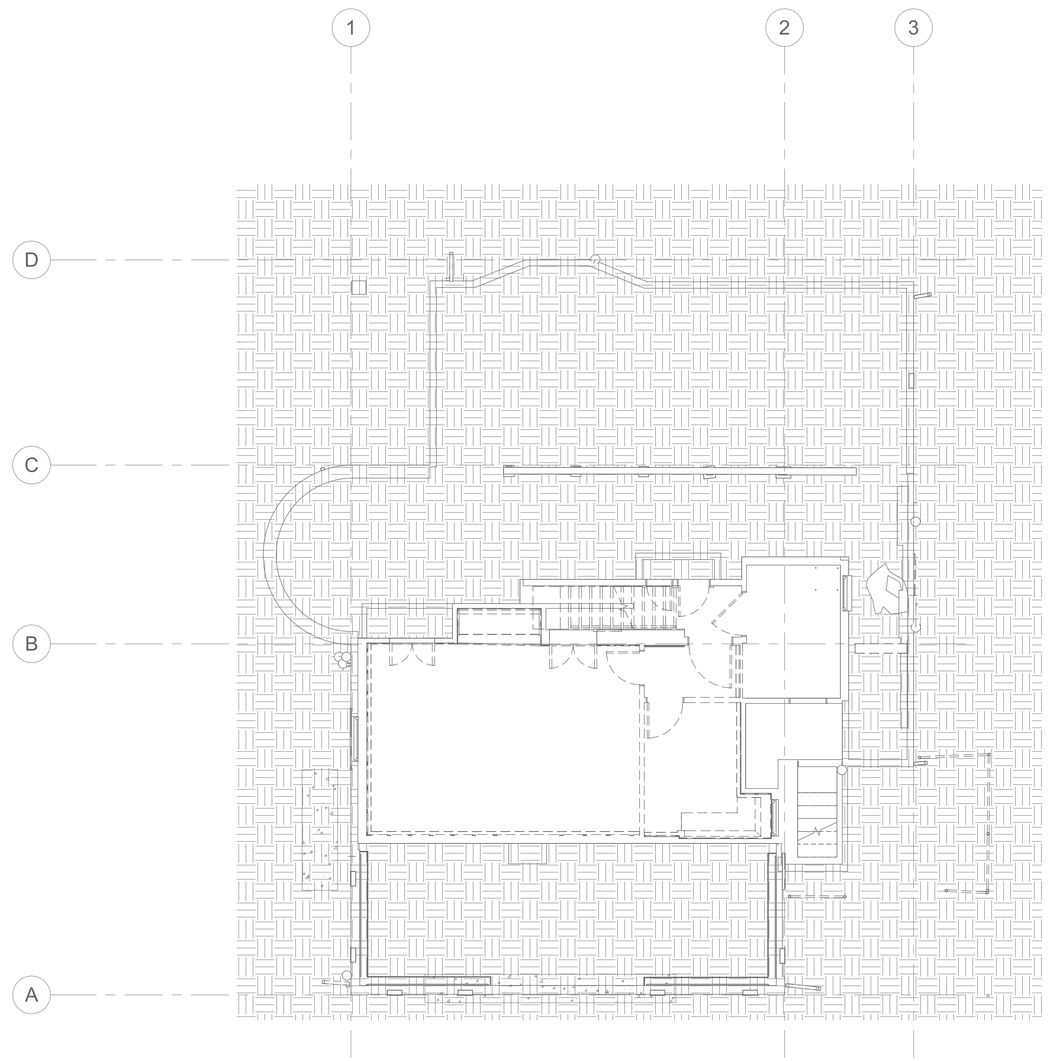

1 BASEMENT DEMOLITION PLAN - PLUMBING

0' 4' 8' 12'

3/16" = 1'-0"

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Drawing Title

BASEMENT DEMOLITION PLAN - PLUMBING

Drawing No.

P2.00

SKA Project Number: 25001

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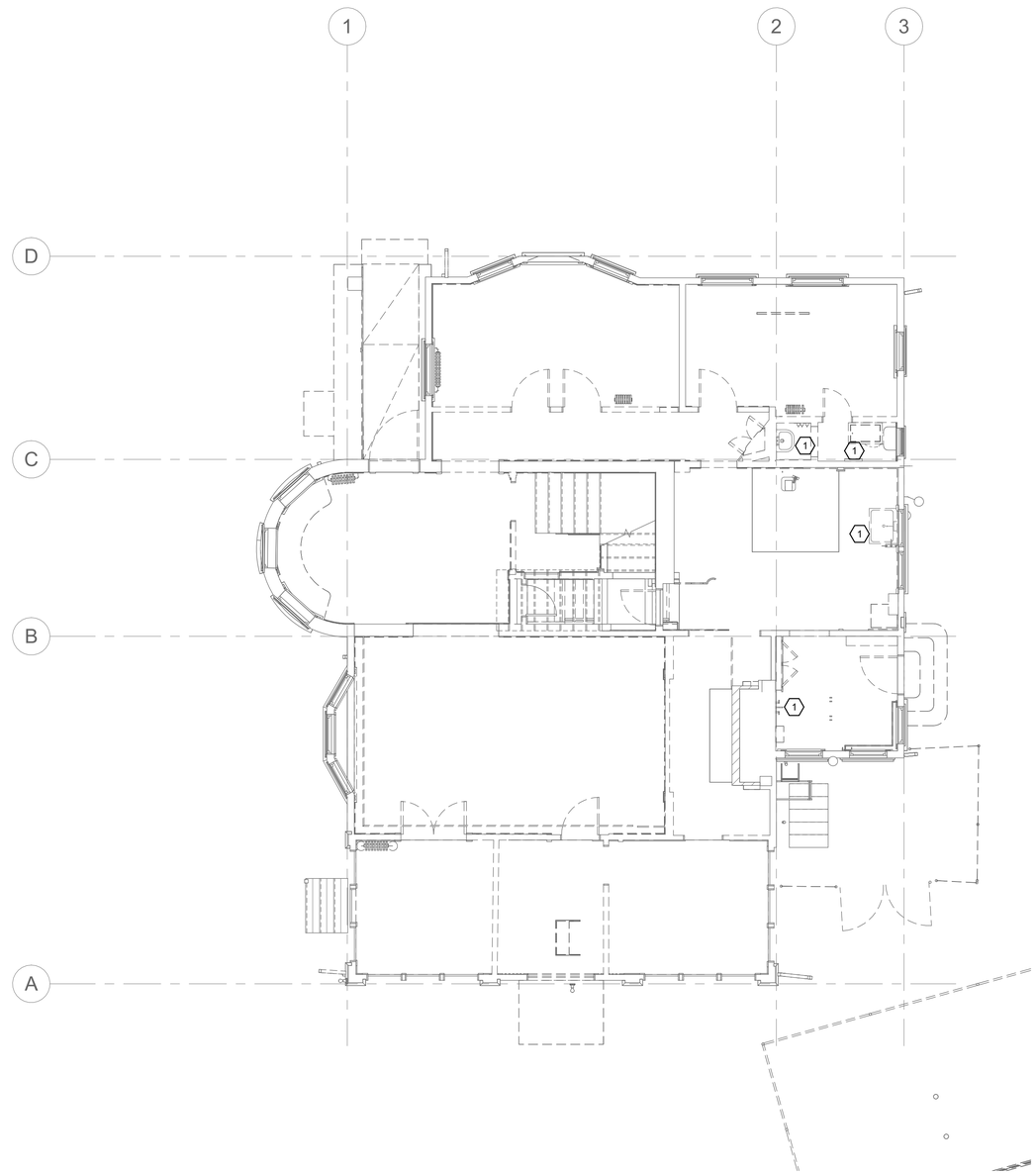
SHEET KEYNOTES

1. REMOVE EXISTING PLUMBING FIXTURES AND ALL ASSOCIATED ACCESSORIES AND PIPING BELOW AND ABOVE CEILING.



1 LEVEL 1 DEMOLITION PLAN - PLUMBING

0' 4' 8' 12'

3/16" = 1'-0"

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Drawing Title

LEVEL 1 DEMOLITION PLAN - PLUMBING

Drawing No.

P2.01

SKA Project Number: 25001

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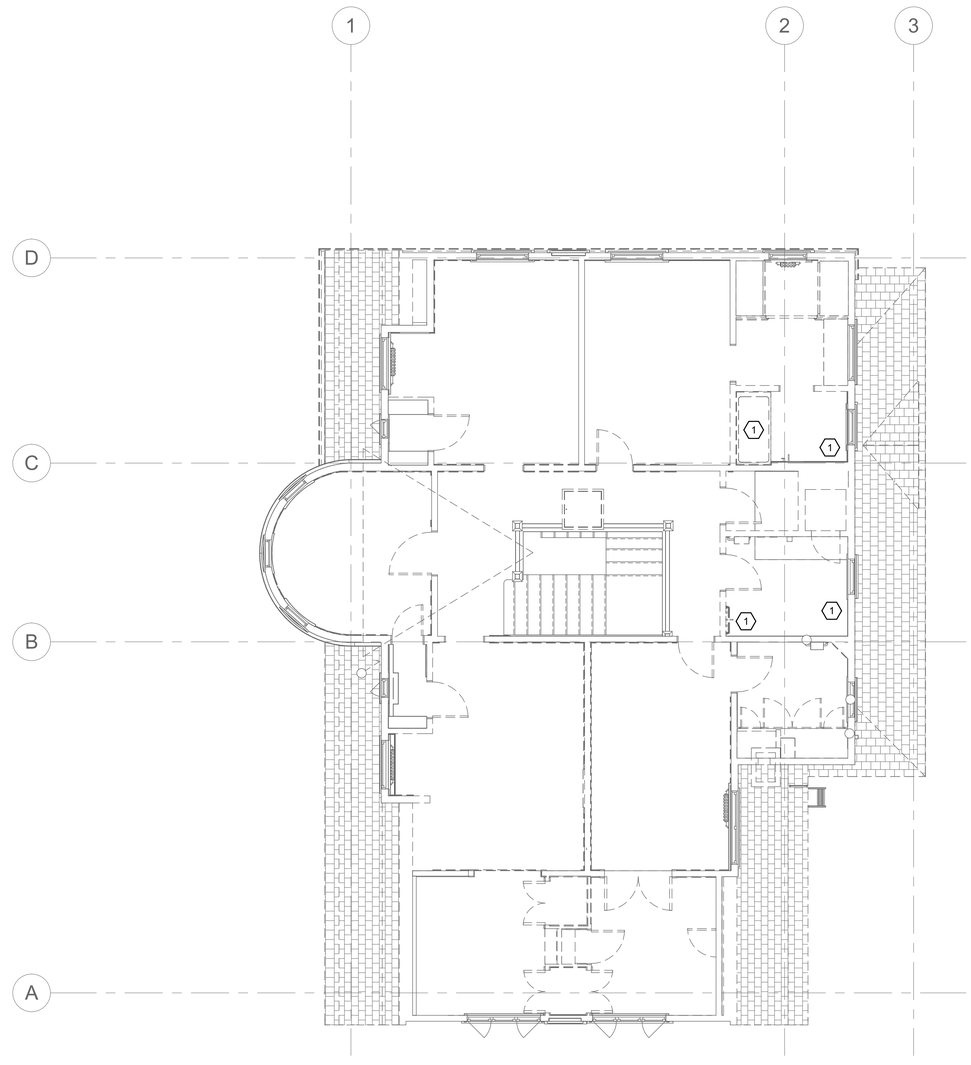

1 LEVEL 2 DEMOLITION PLAN - PLUMBING

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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Drawing Title

LEVEL 2 DEMOLITION PLAN - PLUMBING

Drawing No.

P2.02

SKA Project Number: 25001

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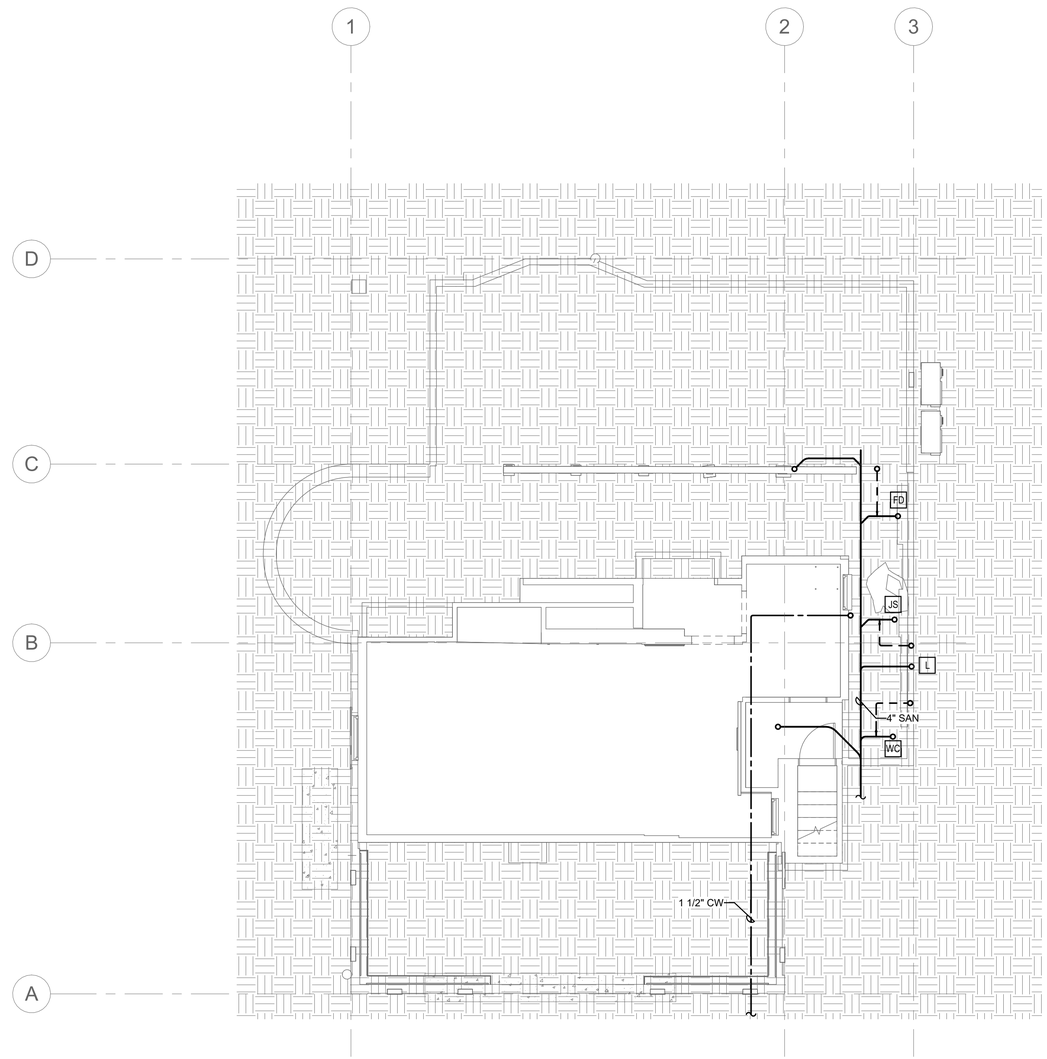

1 BASEMENT PLAN - PLUMBING

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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KATHERINE
MECHANICAL
STATE OF CALIFORNIA

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Exp. 12/31/27

PRELIMINARY

Drawing Title

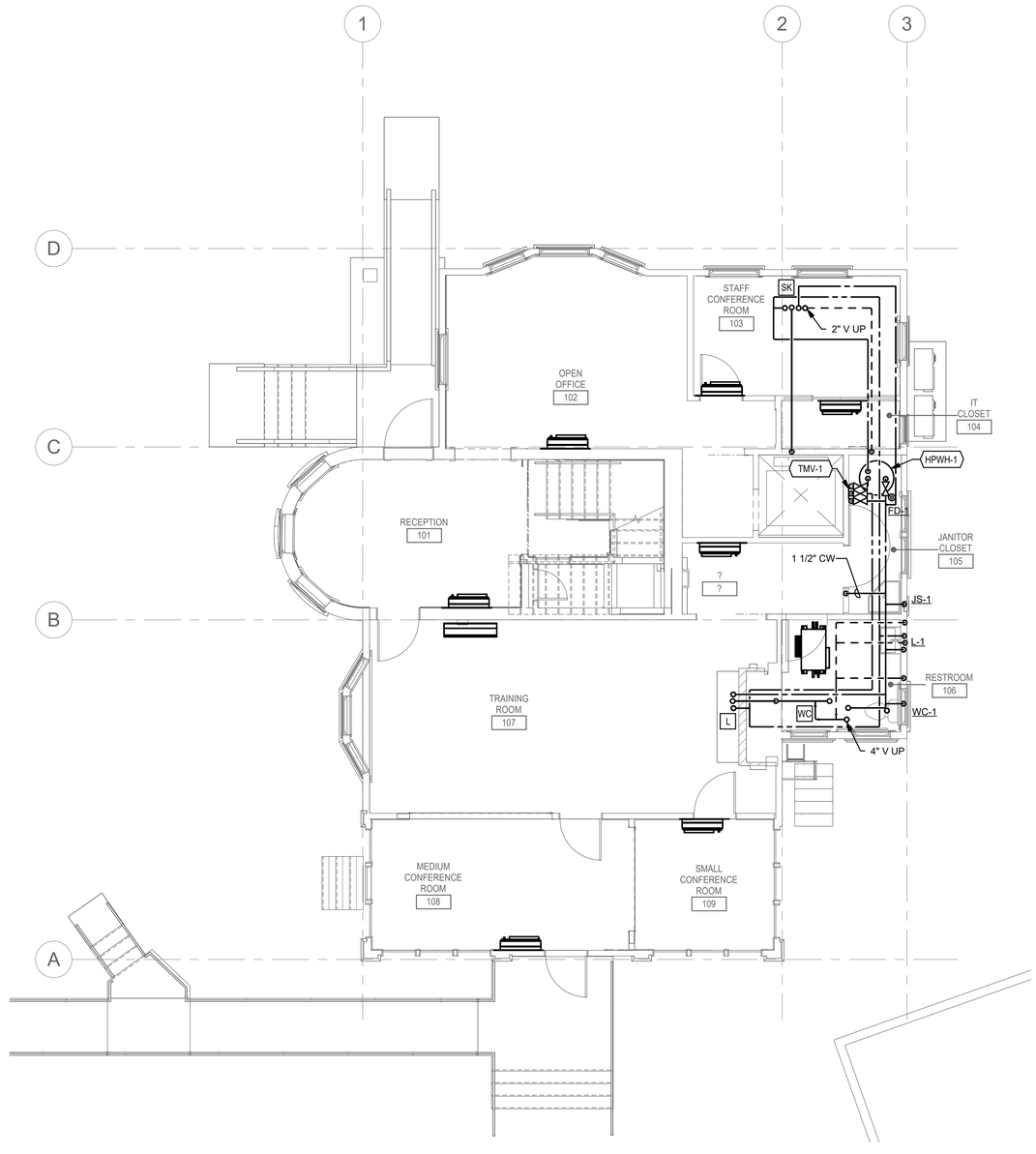
BASEMENT PLAN - PLUMBING

Drawing No.

P3.00

SKA Project Number: 25001

NOT FOR CONSTRUCTION



1 LEVEL 1 PLAN - PLUMBING

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

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GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

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PROJECT 2025-1084
CONTACT George Edpalina

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Revision Number	DATE	ISSUE DESCRIPTION
	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER
KATHERINE
MECHANICAL
STATE OF CALIFORNIA

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Exp. 12/31/27

PRELIMINARY

Drawing Title

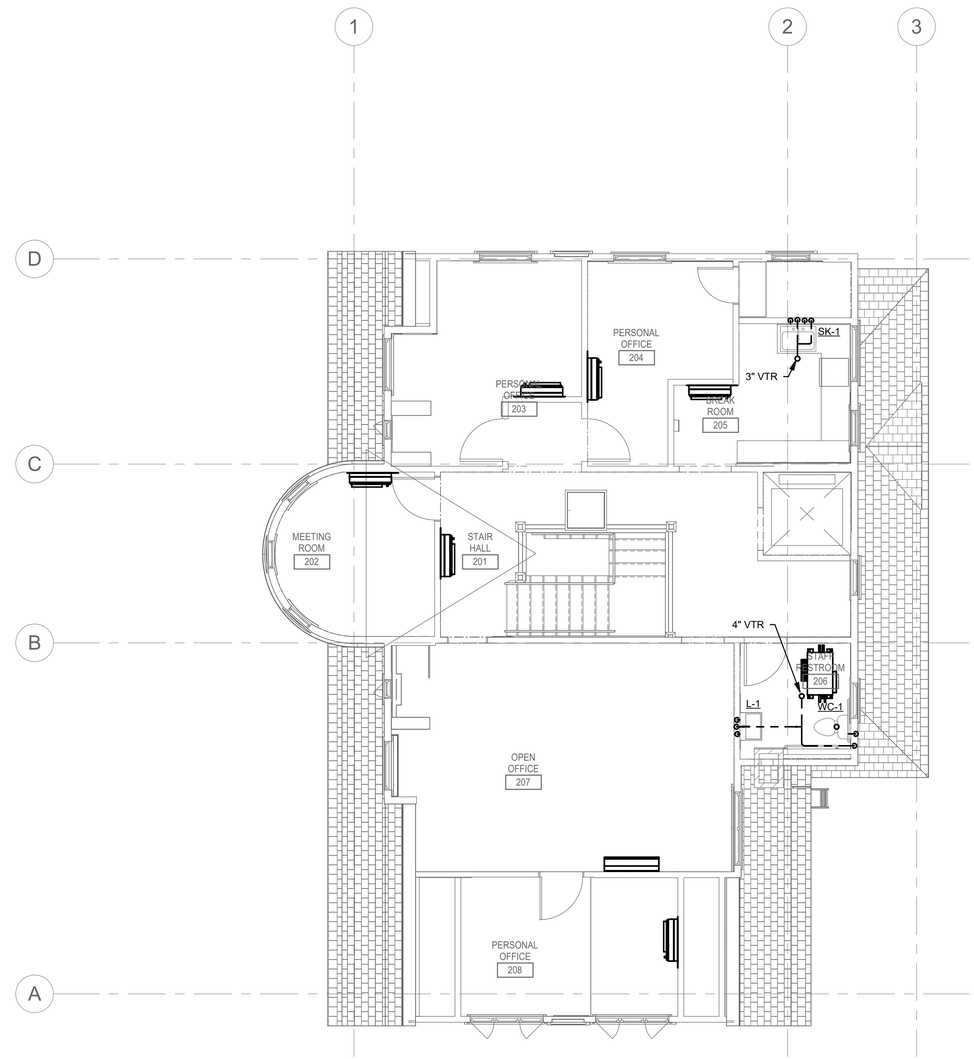
LEVEL 1 PLAN - PLUMBING

Drawing No.

P3.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION



1 LEVEL 2 PLAN - PLUMBING

0' 4' 8' 12'

3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY GSA COUNTY OF ALAMEDA

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT 2025-1084
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Architect of Record

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REGISTERED PROFESSIONAL ENGINEER KATHERINE M. ... EXP. 12/31/27 MECHANICAL STATE OF CALIFORNIA

PRELIMINARY

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Drawing Title

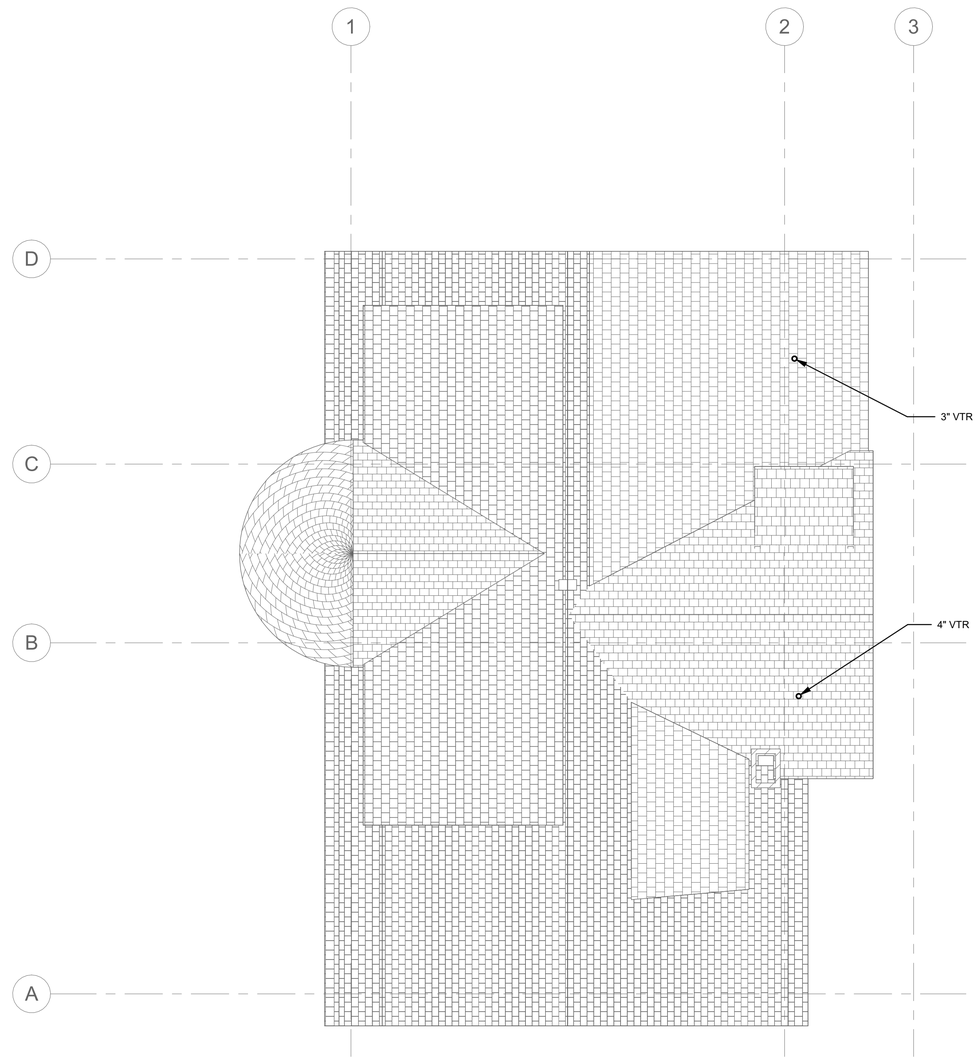
LEVEL 2 PLAN - PLUMBING

Drawing No.

P3.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION



1 ROOF PLAN - PLUMBING

0' 4' 8' 12'
3/16" = 1'-0"

PROJECT NORTH

CLIENT

GENERAL SERVICES AGENCY
GSA
COUNTY OF ALAMEDA

ALAMEDA COUNTY

INTERFACE ENGINEERING

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CATHERINE
MECHANICAL
OF CALIFORNIA

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EXPIRES 6/30/27

PRELIMINARY

Drawing Title

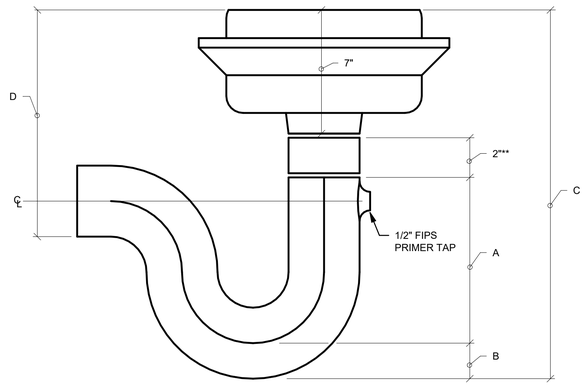
ROOF PLAN - PLUMBING

Drawing No.

P3.03

SKA Project Number: 25001

NOT FOR CONSTRUCTION



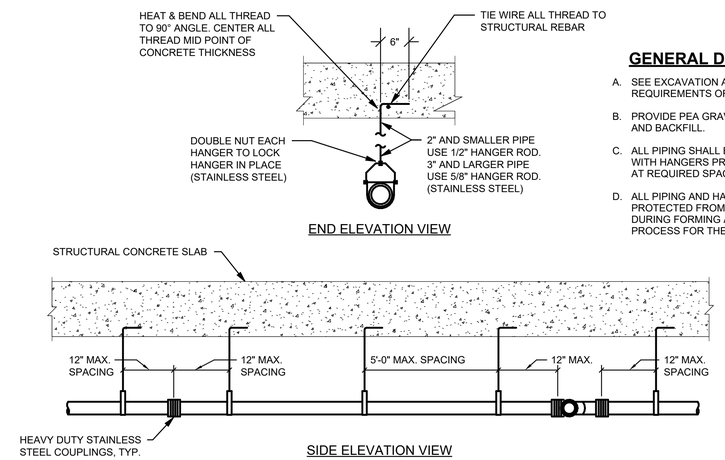
SIZE	A	B	C*	D*
2"	6"	1-1/4"	14-1/2"	10-1/2"
3"	7-1/2"	1-3/4"	18-3/4"	13-1/4"
4"	8-1/2"	2-1/4"	20-1/4"	13-3/4"

* - ADD 1/8" WHEN BRONZE TOP IS SPECIFIED.
** - NIPPLE NOT USED WITH 2" DRAIN BODIES.

NOTE: - ALLOW 1/4" FOR EACH NO-HUB COUPLING.
- NO-HUB COUPLINGS NOT SHOWN FOR CLARITY.

3 FLOOR DRAIN

NO SCALE



GENERAL DETAIL NOTES

A. SEE EXCAVATION AND BACKFILL REQUIREMENTS OF SPECIFICATIONS.

B. PROVIDE PEA GRAVEL FOR BEDDING AND BACKFILL.

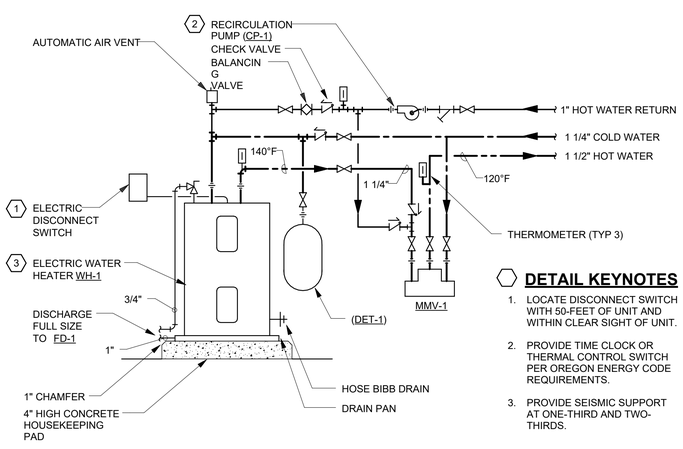
C. ALL PIPING SHALL BE SET AT 2% SLOPE WITH HANGERS PROPERLY ATTACHED AT REQUIRED SPACING.

D. ALL PIPING AND HANGERS SHALL BE PROTECTED FROM BEING DISTURBED DURING FORMING AND REBAR PROCESS FOR THE SLAB.

*SEE SPECIFICATIONS FOR HANGER & HANGER ROD MATERIAL REQUIREMENTS.

4 WASTE PIPE HANGER SPACING BELOW GRADE

NO SCALE



DETAIL KEYNOTES

1. LOCATE DISCONNECT SWITCH WITH 50-FEET OF UNIT AND WITHIN CLEAR SIGHT OF UNIT.
2. PROVIDE TIME CLOCK OR THERMAL CONTROL SWITCH PER OREGON ENERGY CODE REQUIREMENTS.
3. PROVIDE SEISMIC SUPPORT AT ONE-THIRD AND TWO-THIRDS.

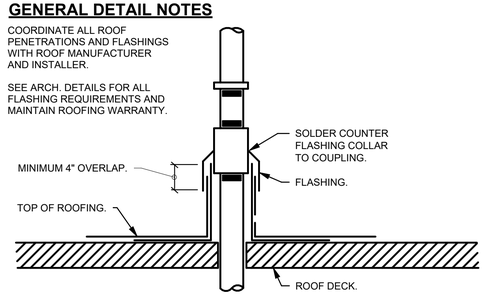
1 ELECTRIC DOMESTIC WATER HEATING SYSTEM

NO SCALE

GENERAL DETAIL NOTES

A. COORDINATE ALL ROOF PENETRATIONS AND FLASHINGS WITH ROOF MANUFACTURER AND INSTALLER.

B. SEE ARCH. DETAILS FOR ALL FLASHING REQUIREMENTS AND MAINTAIN ROOFING WARRANTY.



2 PIPE/ROOF PENETRATION

NO SCALE

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

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SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER KATHERINE A. NIELSEN Exp. 12/31/27 MECHANICAL STATE OF CALIFORNIA

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PRELIMINARY

Drawing Title

DETAILS - PLUMBING

Drawing No.

P6.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

TECHNOLOGY SYMBOL LIST

Abbreviations

AFF	ABOVE FINISHED FLOOR
ALS	ASSISTED LISTENING SYSTEM
AV	AUDIO VISUAL
CATV	CABLE ANTENNA TELEVISION
CAT	CATEGORY CABLE
CCTV	CLOSED CIRCUIT TELEVISION
COAX	COAXIAL
COM	COMMUNICATION
CFCI	CONTRACTOR FURNISHED CONTRACTOR INSTALLED
CFOI	CONTRACTOR FURNISHED OWNER INSTALLED
(X)	DEMOLISH
EF	ENTRANCE FACILITY
ER	EQUIPMENT ROOM
(E)	EXISTING
LC	FIBER OPTIC CONNECTOR
SC	FIBER OPTIC CONNECTOR
FDU	FIBER OPTIC DISTRIBUTION UNIT
FT	FOOT, FEET
(F)	FUTURE
GND	GROUND
HH	HANDHOLE
IN	INCH, INCHES
ICT	INFORMATION AND COMMUNICATIONS TECHNOLOGY
IT	INFORMATION TECHNOLOGY
ISP	INSIDE PLANT
LAN	LOCAL AREA NETWORK
LV	LOW VOLTAGE
MTR	MAIN TELECOMMUNICATIONS ROOM
MH	MAINTENANCE HOLE
MATV	MASTER ANTENNA TELEVISION
(N)	NEW
NTS	NOT TO SCALE
OSP	OUTSIDE PLANT
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
PTZ	PAN, TILT, ZOOM
PBB	PRIMARY BONDING BUSBAR
QTY	QUANTITY
RU	RACK UNIT
SATV	SATELLITE ANTENNA TELEVISION
SBB	SECONDARY BONDING BUSBAR
SBC	SECONDARY BONDING CONDUCTOR
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TBC	TELECOMMUNICATIONS BONDING CONDUCTOR
TEBC	TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
TR	TELECOMMUNICATIONS ROOM
TYP	TYPICAL
UPS	UNINTERRUPTABLE POWER SUPPLY
UON	UNLESS OTHERWISE NOTED
WP	WEATHERPROOF
WAN	WIDE AREA NETWORK
WAP	WIRELESS ACCESS POINT
WIFI	WIRELESS FIDELITY

Electronic Security

CR	ACCESS CONTROL CARD READER. PROVIDE CARD READER AND 4S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 3/4"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE WIRING FROM THE SERVING SECURITY SYSTEM PANEL. INSTALL AT +42" AFF, UON.
DC	DOOR CONTACT. PROVIDE MAGNETIC DOOR CONTACT AND 3/4"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE WIRING FROM THE SERVING SECURITY SYSTEM PANEL. INSTALL DOOR POSITION CONTACT RECESSED IN-FRAME OR SURFACE MOUNTED.
GB	GLASS BREAK SENSOR. WALL MOUNTED. PROVIDE GLASS BREAK SENSOR AND 3/4"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE WIRING FROM THE SERVING SECURITY SYSTEM PANEL.
CCTV	IP PANORAMIC VIDEO SURVEILLANCE CAMERA. CEILING OR WALL MOUNTED. PROVIDE CAMERA AND 5S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 1"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE (1) CATEGORY 6A CABLE FROM THE SERVING TELECOMMUNICATIONS ROOM. FOR WALL MOUNTED APPLICATIONS, INSTALL AT +108" AFF, UON.
CCTV	IP VIDEO SURVEILLANCE CAMERA. CEILING OR WALL MOUNTED. PROVIDE CAMERA AND 5S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 1"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE (1) CATEGORY 6A CABLE FROM THE SERVING TELECOMMUNICATIONS ROOM. FOR WALL MOUNTED APPLICATIONS, INSTALL AT +108" AFF, UON.
MD	MOTION DETECTOR. WALL MOUNTED. PROVIDE MOTION DETECTOR AND 3/4"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE WIRING FROM THE SERVING SECURITY SYSTEM PANEL.
KP	SECURITY SYSTEM KEYPAD. PROVIDE KEYPAD AND 4S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 3/4"C STUBBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE WIRING FROM THE SERVING SECURITY SYSTEM PANEL. INSTALL AT +42" AFF, UON.

Equipment

	PRIMARY BONDING BUSBAR (PBB) 4" X 20" X .25"
	SECONDARY BONDING BUSBAR (SBB) 4" X 12" X.25"
	2-POST OPEN-RELAY/EQUIPMENT RACK
	DOUBLE-SIDED VERTICAL CABLE MANAGEMENT

Pathways

	3/4" FIRE RATED PLYWOOD BACKBOARD
	CONDUIT AND CONDUCTORS ABOVE GRADE
	CONDUIT AND CONDUCTORS BELOW GRADE OR SLAB
	CONDUIT DOWN
	CONDUIT SLEEVE
	CONDUIT UP
	CONDUIT/WIRING CONTINUATION
PB	PULL BOX
V-01	TELECOMMUNICATIONS VAULT IN OUTSIDE PLANT (OSP)
SM12	12-STRAND SINGLEMODE FIBER CABLE.
CAT6A	CATEGORY 6A CABLING.
SEC	SECURITY DEVICE CABLING
	CABLE RUNWAY, WIDTH AS INDICATED

Reference Symbols

1 XXX	DETAIL NUMBER AND SHEET LOCATION
1	KEYED NOTES
1 XXX	SECTION NUMBER AND SHEET LOCATION

Telecommunications

	TELECOMMUNICATIONS OUTLET FLOOR BOX. PROVIDE 1"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE AND (2) CATEGORY 6A CABLES FROM THE SERVING TELECOMMUNICATIONS ROOM.
	TELECOMMUNICATIONS OUTLET. PROVIDE 5S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 1"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE (2) CATEGORY 6A CABLES FROM THE SERVING TELECOMMUNICATIONS ROOM. INSTALL AT +18" AFF, UON.
WAP	TELECOMMUNICATIONS OUTLET. CEILING MOUNTED. FOR USE WITH OFCI WIRELESS ACCESS POINT. PROVIDE 5S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 1"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE (2) CATEGORY 6A CABLES FROM THE SERVING TELECOMMUNICATIONS ROOM.
WAP	TELECOMMUNICATIONS OUTLET. WALL MOUNTED. FOR USE WITH OFCI WIRELESS ACCESS POINT, WALL MOUNTED. PROVIDE 5S OUTLET BOX WITH SINGLE GANG DEVICE RING AND 1"C STUBBED TO NEAREST ACCESSIBLE CEILING SPACE. PROVIDE (2) CATEGORY 6A CABLES FROM THE SERVING TELECOMMUNICATIONS ROOM. INSTALL AT +108" AFF, UON.

GENERAL TECHNOLOGY NOTES

A. WITHIN THIS PACKAGE TECHNOLOGY IS USED AS AN INCLUSIVE TERM THAT ENCOMPASSES THE INFRASTRUCTURE COMPONENTS OF TELECOMMUNICATIONS AND SECURITY SYSTEMS.

B. TECHNOLOGY SYSTEM COMPONENTS ARE SHOWN DIAGRAMMATICALLY. DEVICE, HARDWARE, AND OUTLET LOCATIONS ARE APPROXIMATE UNLESS SPECIFICALLY DIMENSIONED.

C. COORDINATE WORK IN FIELD WITH ALL OTHER TRADES.

D. UNLESS OTHERWISE NOTED CONSTRUCTION DETAILS SHOW TYPICAL INSTALLATION METHODS AND APPLY TO ALL TECHNOLOGY WORK INCLUDED IN THIS PACKAGE.

E. CONTRACT DOCUMENTS CONSIST OF THE DRAWINGS AND SPECIFICATIONS. REFER TO DIVISION 27 - COMMUNICATIONS AND DIVISION 28 - ELECTRONIC SAFETY AND SECURITY FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

F. THE TECHNOLOGY DRAWINGS ARE PART OF A LARGER SET OF DRAWINGS WHICH, WHEN COMPLETE, CONSISTS OF THE FULL COMPLEMENT OF DRAWINGS LISTED IN THE INDEX OF DRAWINGS. PARTIAL SETS OF DRAWINGS, NOT INCLUSIVE OF ALL DISCIPLINES, ARE CONSIDERED INCOMPLETE AND SHOULD NOT BE DISTRIBUTED OR REFERENCED.

G. WORK PERFORMED IN EXISTING BUILDINGS SHALL BE SCHEDULED WITH OWNER IN ADVANCE.

H. PRIOR TO PREPARING A BID CONTRACTOR SHALL PERFORM A SITE VISIT TO THOROUGHLY REVIEW EXISTING CONDITIONS.

I. UNLESS OTHERWISE NOTED STRUCTURED CABLING SYSTEM COMPONENTS SHALL BE CONCEALED IN FINISHED AREAS.

J. WHERE WORK WILL DISTURB AREAS OUTSIDE THE ESTABLISHED BOUNDARY LINE FOR THE PROJECT CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT AND OWNER PRIOR TO PERFORMING WORK.

K. STRUCTURED CABLING SYSTEM PATHWAYS INCLUDING, BUT NOT LIMITED TO, CONDUITS, J-HOOKS, AND CABLE TRAYS, SHALL NOT BE FILLED BEYOND 40% OF THEIR MAXIMUM CAPACITY. CONDUITS, WHEN CONTAINING EXACTLY (2) CABLES SHALL NOT EXCEED A MAXIMUM FILL RATIO OF 31%.

L. PROVIDE PROTECTIVE INSULATING BUSHINGS AT ALL OPEN ENDS OF CONDUIT STUB-OUTS SERVING TECHNOLOGY SYSTEMS. BUSHINGS SHALL BE INSTALLED PRIOR TO CABLE INSTALLATION.

M. TECHNOLOGY DEVICES INSTALLED WITHIN OUTSIDE PLANT (OSP) ENVIRONMENTS SHALL BE PROVIDED WITH SURGE PROTECTION. INSTALL IN -LINE SURGE PROTECTIVE DEVICES (SPDs) ON BOTH THE EQUIPMENT SIDE AND THE NETWORK/CABLE PLANT SIDE OF THE HORIZONTAL CABLING SERVING EACH DEVICE. ALL SURGE PROTECTIVE DEVICES SHALL BE RATED FOR AND FULLY COMPATIBLE WITH PoE+ (IEEE 802.3at) POWER DELIVERY AND GIGABIT ETHERNET (1000BASE-T) TRANSMISSION.

SHEET INDEX

T0.01	SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY
T1.01	SITE PLAN - TECHNOLOGY
T2.01	LEVEL 01 FLOOR PLAN - TECHNOLOGY
T2.02	LEVEL 02 FLOOR PLAN - TECHNOLOGY
T3.01	LEVEL 01 RCP - TECHNOLOGY
T3.02	LEVEL 02 RCP - TECHNOLOGY
T4.01	ENLARGED PLANS AND SECTIONS - TECHNOLOGY
T5.01	RISER DIAGRAMS - TECHNOLOGY

CLIENT

GENERAL SERVICES AGENCY COUNTY OF ALAMEDA GSA

ALAMEDA COUNTY

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170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER JASON A. [illegible] ELECTRICAL STATE OF CALIFORNIA

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Drawing Title

SYMBOL LIST AND GENERAL NOTES - TECHNOLOGY

Drawing No.

T0.01

SKA Project Number: 25001

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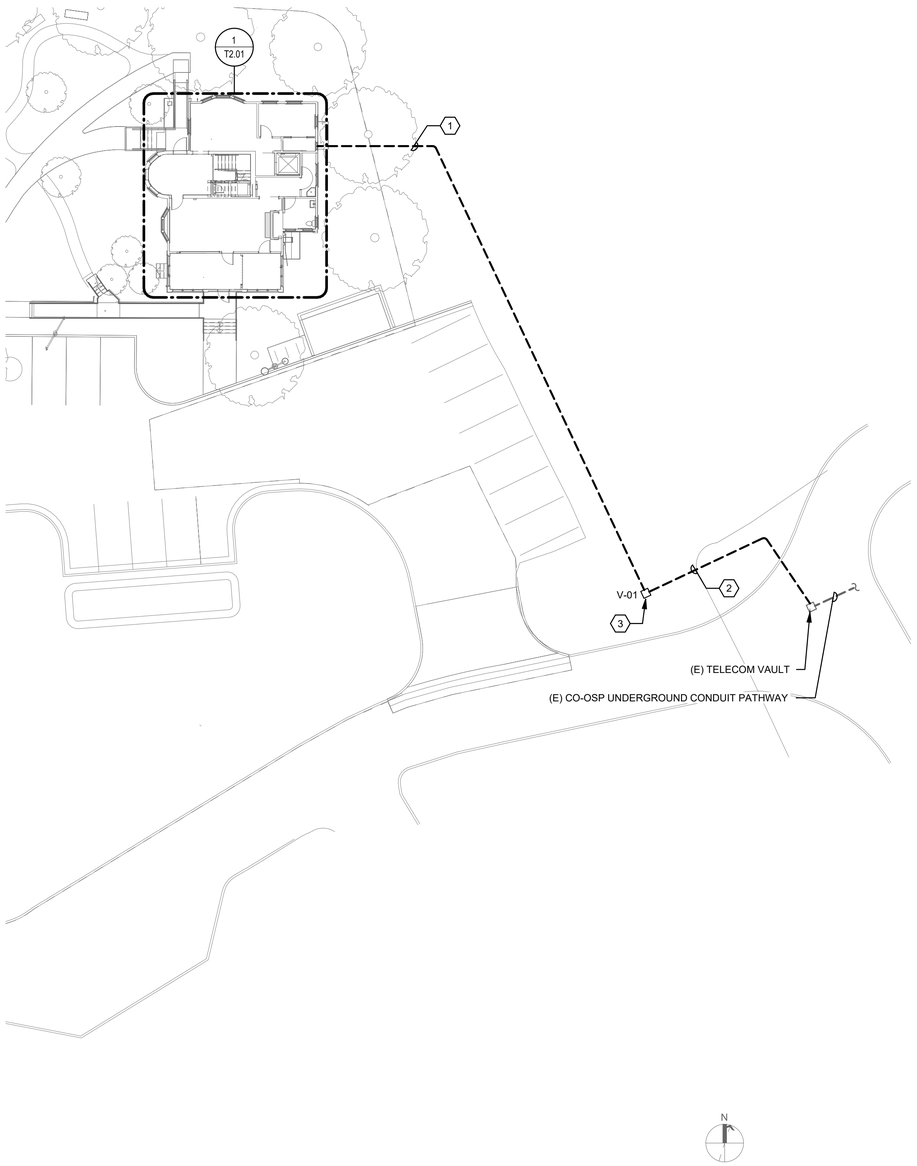


1 SITE PLAN - TECHNOLOGY

0' 8' 16' 32'
1" = 20'-0"

GENERAL SHEET NOTES

A. TELECOMMUNICATIONS OUTSIDE PLANT PATHWAY COMPONENTS AND ROUTING ARE SHOWN DIAGRAMMATICALLY. COORDINATE EXACT ROUTING WITH CIVIL.

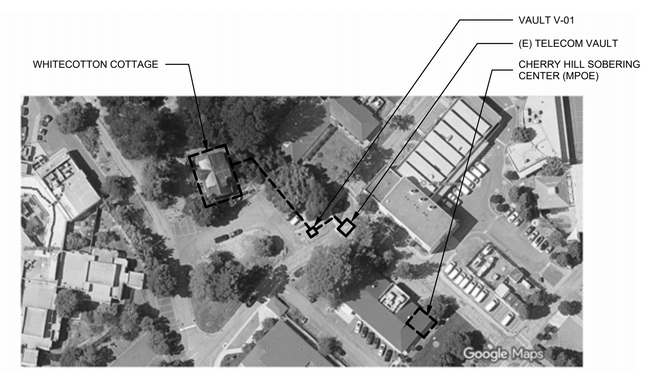
B. EXISTING TELECOMMUNICATIONS OUTSIDE PLANT PATHWAY COMPONENTS AND ROUTING ARE BASED ON AVAILABLE AS-BUILT DOCUMENTATION AND LIMITED FIELD OBSERVATION. VERIFY IN FIELD PRIOR TO BID.

C. EXISTING CO-OSP CONDUIT PATHWAY IS UNDERSTOOD TO ROUTE TO CHERRY HILL SOBERING CENTER MPOE. VERIFY IN FIELD.

D. MPOE IS LOCATED WITHIN CHERRY HILL SOBERING CENTER. COORDINATE EXACT LOCATION IN FIELD.

SHEET KEYNOTES

1. (2) 2" CONDUITS FROM IT CLOSET 104 TO VAULT V-01.
2. (2) 2" CONDUITS FROM VAULT V-01 TO (E) TELECOM VAULT.
3. 2' X 2' X 3' TELECOMMUNICATIONS VAULT.



2 OVERALL SITE PLAN - TECHNOLOGY

0' 4' 8' 16'
12" = 1'-0"

CLIENT

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REGISTERED PROFESSIONAL ENGINEER JASON A. [illegible] ELECTRICAL STATE OF CALIFORNIA

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PRELIMINARY

Drawing Title
SITE PLAN - TECHNOLOGY

Drawing No.
T1.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

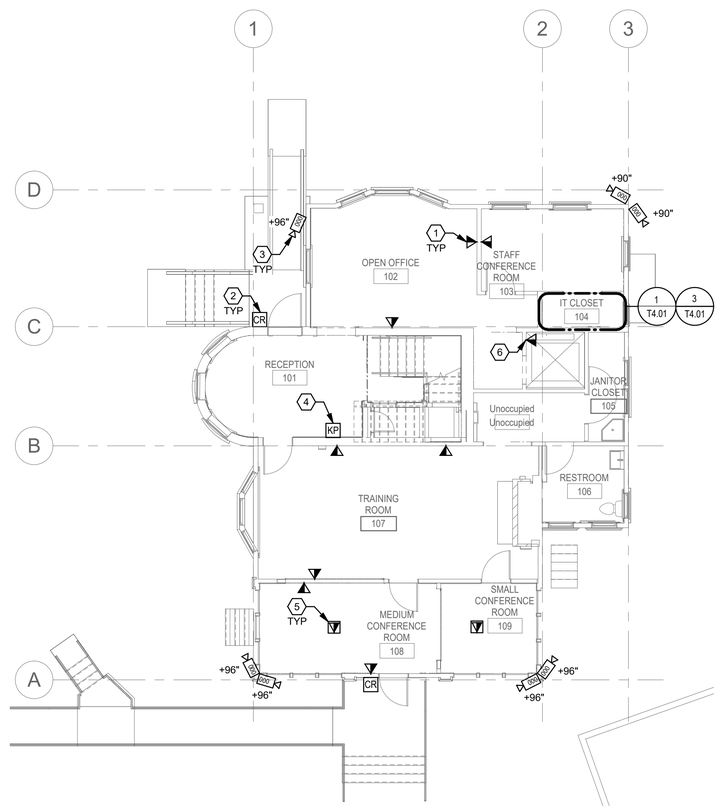
GENERAL SHEET NOTES

A. COORDINATE TECHNOLOGY DEVICE AND OUTLET LOCATIONS WITH ARCHITECTURAL PRIOR TO INSTALLATION.

B. CABLING FOR TECHNOLOGY DEVICE AND OUTLET LOCATIONS ORIGINATES FROM IT CLOSET 104.

SHEET KEYNOTES

1. TELECOMMUNICATIONS OUTLET LOCATION.
2. ACCESS CONTROL CARD READER LOCATION.
3. SURVEILLANCE CAMERA LOCATION.
4. SECURITY SYSTEM KEYPAD LOCATION.
5. TELECOMMUNICATIONS FLOOR OUTLET LOCATION. COORDINATE PATHWAY WITH ELECTRICAL.
6. TELECOMMUNICATIONS OUTLET LOCATION. USED TO PROVIDE EMERGENCY PHONE SERVICE WITHIN ELEVATOR CAB. INSTALL CABLING TO ELEVATOR CONTROLLER. COORDINATE REQUIREMENTS WITH ELEVATOR INTEGRATOR.



1 LEVEL 01 FLOOR PLAN - TECHNOLOGY

0' 4' 8' 16'

1/8" = 1'-0"

CLIENT

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PRELIMINARY

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Expires 12/31/26

Drawing Title

LEVEL 01 FLOOR PLAN - TECHNOLOGY

Drawing No.

T2.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL SHEET NOTES

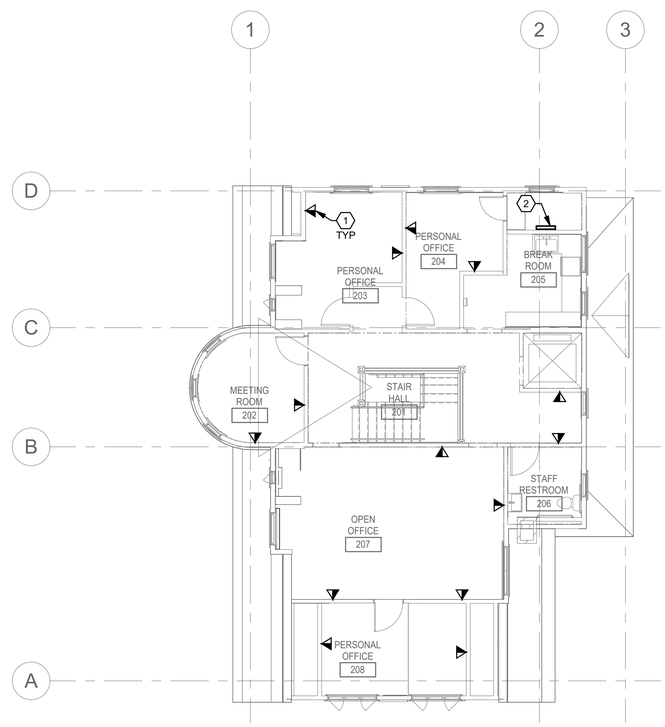
A. COORDINATE TECHNOLOGY DEVICE AND OUTLET LOCATIONS WITH ARCHITECTURAL PRIOR TO INSTALLATION.

B. CABLING FOR TECHNOLOGY DEVICE AND OUTLET LOCATIONS ORIGINATES FROM IT CLOSET 104.

C. PB-01 IS USED TO ROUTE TECHNOLOGY CABLING FROM LEVEL 02 TO IT CLOSET 104.

SHEET KEYNOTES

1. TELECOMMUNICATIONS OUTLET LOCATION.
2. MIN. 36"H x 24"W X 4"D PULL BOX. (PB-01).



1 LEVEL 02 FLOOR PLAN - TECHNOLOGY

0' 4' 8' 16'

1/8" = 1'-0"

CLIENT

ALAMEDA COUNTY

INTERFACE ENGINEERING

PROJECT 2025-1084
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Revision Number	DATE	ISSUE DESCRIPTION
	03/13/2026	100% SCHEMATIC DESIGN
	04/29/2026	70% DESIGN DEVELOPMENT
	05/14/2026	100% DESIGN DEVELOPMENT

Project

WHITECOTTON COTTAGE REHABILITATION

15400 FOOTHILL BLVD
SAN LEANDRO, CA 94578

Architect of Record

Consultant

PAGE & TURNBULL
170 MAIDEN LANE, 5TH FLOOR
SAN FRANCISCO, CA

REGISTERED PROFESSIONAL ENGINEER JASON M. ... ELECTRICAL STATE OF CALIFORNIA

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Expires 06/30/26

PRELIMINARY

Drawing Title

LEVEL 02 FLOOR PLAN - TECHNOLOGY

Drawing No.

T2.02

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL SHEET NOTES

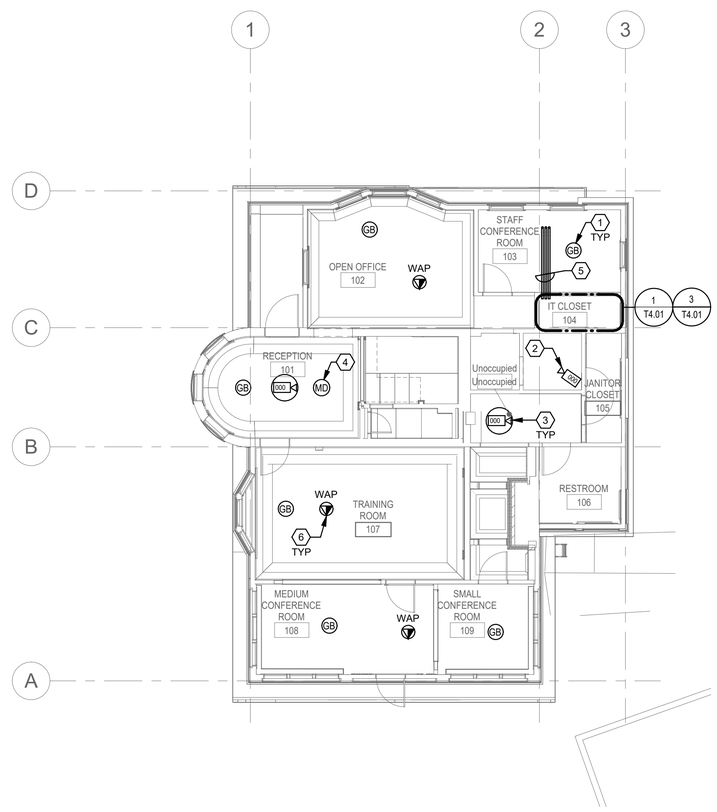
A. COORDINATE TECHNOLOGY DEVICE AND OUTLET LOCATIONS WITH ARCHITECTURAL PRIOR TO INSTALLATION.

B. CABLING FOR TECHNOLOGY DEVICE AND OUTLET LOCATIONS ORIGINATES FROM IT CLOSET 104.

C. QUANTITIES AND LOCATIONS SHOWN FOR WIRELESS ACCESS POINTS ARE FOR BUDGETING AND COORDINATION PURPOSES. COORDINATE FINAL QUANTITIES AND LOCATION OF WIRELESS ACCESS POINTS WITH OWNER.

SHEET KEYNOTES

1. CEILING MOUNTED GLASS BREAK SENSOR LOCATION.
2. CEILING MOUNTED SURVEILLANCE CAMERA LOCATION. INSTALLED WITHIN ELEVATOR CAB. INSTALL CABLING TO ELEVATOR CONTROLLER. COORDINATE REQUIREMENTS WITH ELEVATOR INTEGRATOR.
3. CEILING MOUNTED PANORAMIC SURVEILLANCE CAMERA LOCATION.
4. CEILING MOUNTED MOTION DETECTOR LOCATION.
5. (3) 2" CONDUITS FROM IT CLOSET 104 TO PULL BOX (PB-01) IN ELECTRICAL ROOM ON FLOOR ABOVE.
6. CEILING MOUNTED WIRELESS ACCESS POINT LOCATION.



1 LEVEL 01 RCP - TECHNOLOGY

0' 4' 8' 16'

1/8" = 1'-0"

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Project

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Exp. [illegible]26

PRELIMINARY

Drawing Title

LEVEL 01 RCP - TECHNOLOGY

Drawing No.

T3.01

SKA Project Number: 25001

NOT FOR CONSTRUCTION

GENERAL SHEET NOTES

A. COORDINATE TECHNOLOGY DEVICE AND OUTLET LOCATIONS WITH ARCHITECTURAL PRIOR TO INSTALLATION.

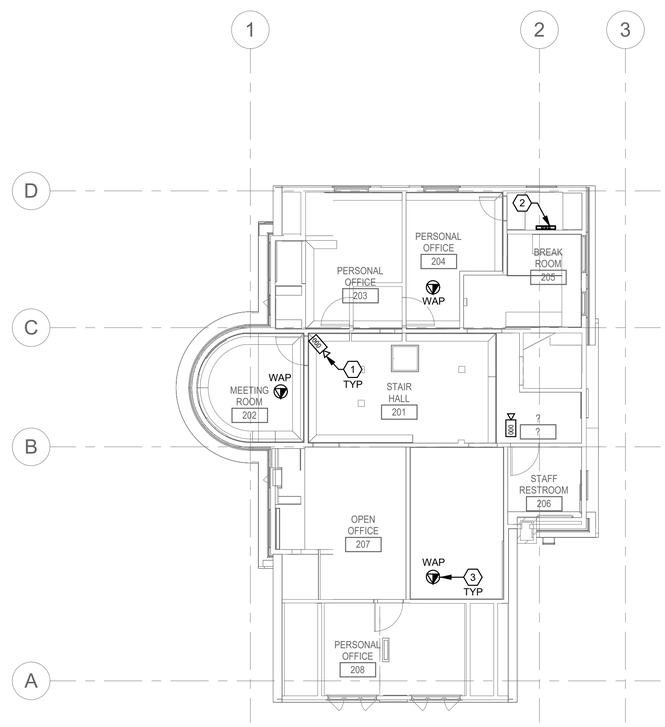
B. CABLING FOR TECHNOLOGY DEVICE AND OUTLET LOCATIONS ORIGINATES FROM IT CLOSET 104.

C. PB-01 IS USED TO ROUTE TECHNOLOGY CABLING FROM LEVEL 02 TO IT CLOSET 104.

D. QUANTITIES AND LOCATIONS SHOWN FOR WIRELESS ACCESS POINTS ARE FOR BUDGETING AND COORDINATION PURPOSES. COORDINATE FINAL QUANTITIES AND LOCATION OF WIRELESS ACCESS POINTS WITH OWNER.

SHEET KEYNOTES

1. CEILING MOUNTED SURVEILLANCE CAMERA LOCATION.
2. MIN. 36"H x 24"W X 4"D PULL BOX. (PB-01).
3. CEILING MOUNTED WIRELESS ACCESS POINT LOCATION.



1 LEVEL 02 RCP - TECHNOLOGY

0' 4' 8' 16'
1/8" = 1'-0"

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Exp. 06/30/26

PRELIMINARY

Drawing Title

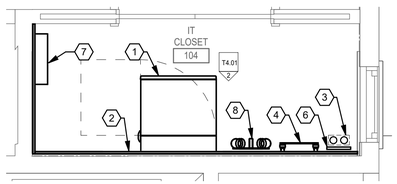
LEVEL 02 RCP - TECHNOLOGY

Drawing No.

T3.02

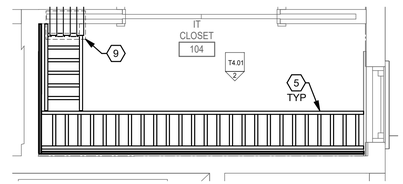
SKA Project Number: 25001

NOT FOR CONSTRUCTION



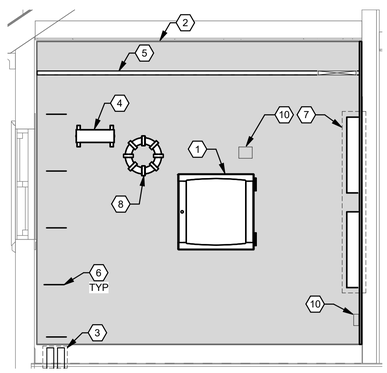
1 IT CLOSET 104 - EQUIPMENT LAYOUT

0' 1' 2' 4'
1/2" = 1'-0"



3 IT CLOSET 104 - CABLE RUNWAY LAYOUT

0' 1' 2' 4'
1/2" = 1'-0"



2 IT CLOSET 104 - SOUTH WALL ELEVATION VIEW

0' 1' 2' 4'
1/2" = 1'-0"

GENERAL SHEET NOTES

A. TECHNOLOGY EQUIPMENT LOCATIONS, RACKED EQUIPMENT ELEVATIONS, AND PATHWAY COMPONENTS ARE SHOWN DIAGRAMMATICALLY.

B. COORDINATE FINAL RACKED EQUIPMENT ELEVATIONS WITH OWNER.

C. BOND ALL METALLIC PATHWAY COMPONENTS AND TECHNOLOGY EQUIPMENT TO BONDING BUSBAR WITHIN ROOM.

D. ELECTRICAL RECEPTACLES ARE SHOWN FOR REFERENCE ONLY. REFER TO POWER PLANS FOR SPECIFIC REQUIREMENTS.

SHEET KEYNOTES

1. MIN. 24U X 24" DEEP WALL MOUNTED TELECOMMUNICATIONS CABINET.
2. 3/4" FIRE-TREATED PLYWOOD BACKBOARD.
3. (2) 2" CONDUITS FROM OUTSIDE PLANT VAULT.
4. PRIMARY BONDING BUSBAR.
5. 12" FLEXIBLE CABLE RUNWAY.
6. METAL DISTRIBUTION RING.
7. SECURITY PANELS. REQUIRES 115VAC FED FROM A DEDICATED CIRCUIT.
8. RECLOSEABLE FIBER STORAGE RING.
9. (3) 2" CONDUITS FROM IT CLOSET 104 TO PULL BOX (PB-01) IN ELECTRICAL ROOM ON FLOOR ABOVE.
10. QUAD 5-20R, FED FROM A DEDICATED CIRCUIT.

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Project

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PRELIMINARY

Drawing Title

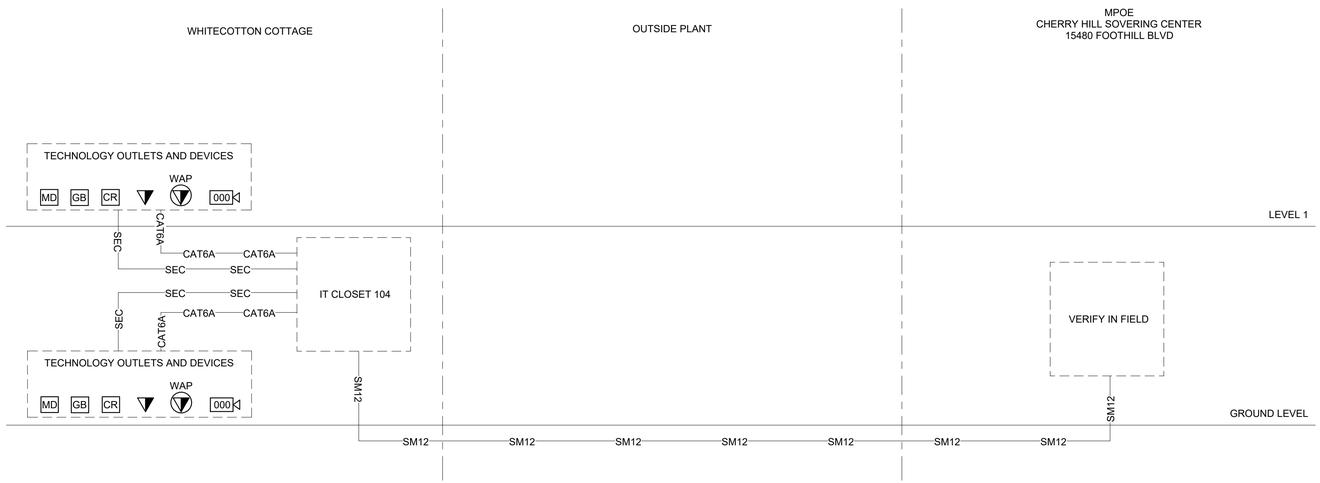
ENLARGED PLANS AND SECTIONS - TECHNOLOGY

Drawing No.

T4.01

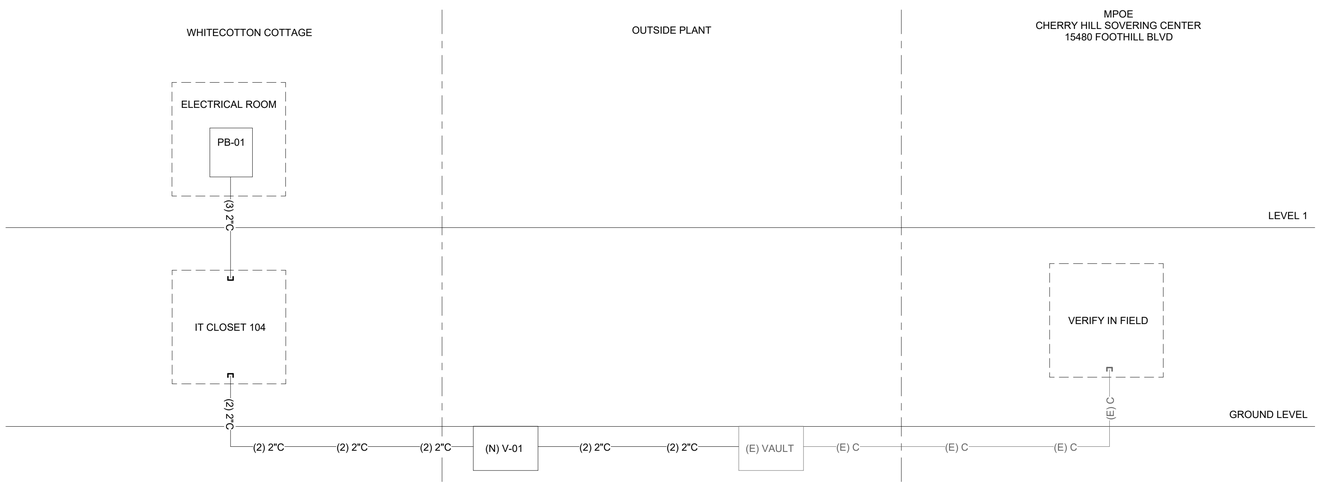
SKA Project Number: 25001

NOT FOR CONSTRUCTION



1 TECHNOLOGY SYSTEMS CABLING RISER DIAGRAM

NO SCALE



2 TECHNOLOGY SYSTEMS PATHWAYS RISER DIAGRAM

NO SCALE

GENERAL SHEET NOTES

A. TECHNOLOGY CABLING PATHWAYS ARE SHOWN DIAGRAMMATICALLY.

B. TECHNOLOGY OUTLETS AND DEVICES ARE SHOWN FOR REFERENCE ONLY.

C. TERMINATE FIBER OPTIC BACKBONE USING LC/UPC CONNECTORS.

D. EXISTING TELECOMMUNICATIONS OUTSIDE PLANT PATHWAY COMPONENTS AND ROUTING ARE BASED ON AVAILABLE AS-BUILT DOCUMENTATION AND LIMITED FIELD OBSERVATION. VERIFY IN FIELD PRIOR TO BID.

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ALAMEDA COUNTY

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Exp. 06/30/26

Drawing Title

RISER DIAGRAMS - TECHNOLOGY

Drawing No.

T5.01

SKA Project Number: 25001

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