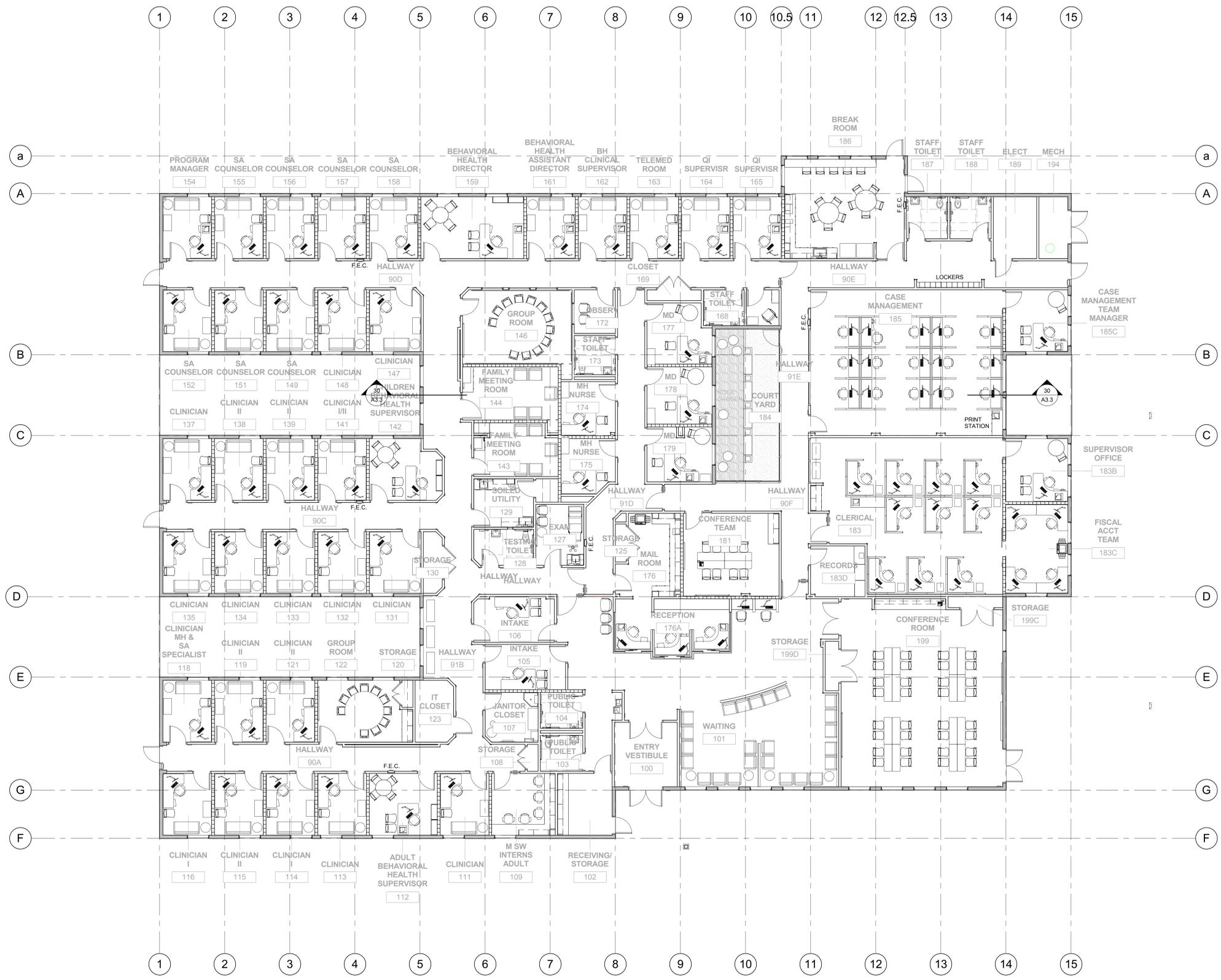




**GENERAL NOTES**

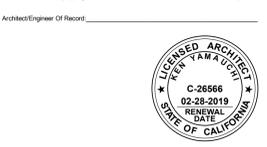
- FURNITURE & EQUIPMENT SHOWN IS FOR OWNER USE ONLY.
- FOLLOWING ROOMS TO HAVE WORKSTATIONS WITH CONCEALED PANIC BUTTON INSTALLED - ALL RECEPTION, CLINICIAN, COUNSELOR, BEHAVIORAL HEALTH SUPERVISOR, INTAKE, MH NURSE'S OFFICE, & MEDICAL DOCTOR'S OFFICE.

Revisions				
No.	Revisions	By	Date	Appr.



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 HY Architects Project number: 4452.010

Facility  
**SAN BENITO COUNTY**  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project  
**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**OVERALL FURNITURE AND EQUIPMENT PLAN**

Client Project Number:	Client Proj. #
Scale: As indicated	Sheet
Drawn By: Author	<b>FF2.1</b>
Checked By: Checker	
Issue Date: Issue Date	
Revit Version: 2017	
	Sheet of 200



**FINISH SCHEDULE**

CODE	DESCRIPTION	MANUFACTURER	MODEL	COLOR
<b>ACCESSORIES</b>				
B1	BASE, 4" TOP SET RUBBER	JOHNSONITE	STYLE: TRADITIONAL 4" RUBBER BASE ACCESSORIES, PRE-FORMED BY MANUFACTURER INSIDE & OUTSIDE CORNERS	CEMENT 121
B2	BASE, 6" INTEGRAL COVED WITH COLD WELDS	ARMSTRONG	SEE FLOORING	MATCH ADJACENT FLOORING
CG1	CORNER GUARD, 2X2 (90°), SEE DETAIL 13/A9.03	ACROVYN	SOLID COLOR 4000 PVC FREE WITH ALUMINUM RETAINER: SM20AN (90° 2" LEGS)	STAINLESS STEEL
CG2	CORNER GUARD, 3X3 (90°), SEE DETAIL 14/A9.03	ACROVYN	SOLID COLOR 4000 PVC FREE WITH ALUMINUM RETAINER: SM20AN (90° 3" LEGS) TEXTURE: SHADOW GRAIN	WHITE #949
CG3	CORNER GUARD, 3X3 (135°), SEE DETAIL 15/A9.03	ACROVYN	SOLID COLOR 4000 PVC FREE WITH ALUMINUM RETAINER: SM20MAN (135° 3" LEGS) TEXTURE: SHADOW GRAIN	WHITE #949
CR1	CRASH RAIL, 6"	CS-ACROVYN	SOLID COLOR 4000 PVC FREE, CRASH RAIL, CONTINUOUS ALUMINUM RETAINER: SCR-48MN TEXTURE: SHADOW GRAIN	WHITE #949
GL1	TRANSLUCENT GLASS @ RECAP	TBD	TRACKS TO BE INCLUDED	CLEAR
GL2	TRANSLUCENT ETCHED GLASS @ RECAP (RETURN)	SKYLINE	TRACKS TO BE INCLUDED	ASIAN GRASS
MT1	METAL TRIM, TOP CAP & FLOOR TRANSITION	SCHULTER	COLOR NAME & NO.: 316L STAINLESS STEEL STYLE: SCHIENE STYLE NO.: E 110 EB	BRUSHED STAINLESS STEEL
MT2	METAL TRIM, TOP	JOHNSONITE	ADAPTERS CTA-XX-A	TBD
MT3	METAL TRIM, WALL PROTECTION	ACROVYN	TBD	BRUSHED STAINLESS STEEL
MT4	METAL TRIM, COVE	SCHLUTER	PROFILE: 58" DILEX-EBHK U11011 OUTSIDE CORNER: AEBHK 2 R18 INSIDE CORNER: 90, 2-WAY: IEBHK 2 R18 INSIDE CORNER: 90, 3-WAY: IEBHK 3 R18 OUTSIDE CORNER: 135: E135/EBHK2R18 INSIDE CORNER: 135: I135/EBHK2R18 CONNECTOR: VEBHK END CAP: EHKW/G°	BRUSHED STAINLESS STEEL
SP1	SPECIALTY ACCESSORY, FIELD	ARMSTRONG	AXIOM DIRECT LIGHT COVES MODEL NO.: AXDLC44 SIZE: 4" x 4" (ACTUAL DIMENSION: 120" x 4.5" x 4")	WHITE
SP2	SPECIALTY ACCESSORY, ACCENT	ARMSTRONG	AXIOM TRIM MODEL NO.: AXCOLT SIZE: 10" TRIM	WHITE
<b>CASEWORK</b>				
MP1	METAL TRIM PIECE, "F" REVEAL, CASEWORK	FRY REGLET	MILLWORK CHANNEL F W/ RETURN KEY "F" REVEAL: MWCF7550 SIZE: 3/4"	CLEAR ANODIZED ALUMINUM
MP2	METAL PROTECTION, TOP/BOTTOM, CASEWORK	FRY REGLET	MILLWORK CHANNEL L ANGLE W/ RETURN KEY "L" REVEAL: MWCL75 SIZE: 3/4"	CLEAR ANODIZED ALUMINUM
MP3	METAL PROTECTION, CORNERS & EXPOSED EDGES, CASEWORK	FRY REGLET	MILLWORK CORNER KEY TRIM: MWCK75 SIZE: 3/4"	CLEAR ANODIZED ALUMINUM
MP4	METAL PROTECTION, CORNERS & EXPOSED EDGES, CASEWORK	FRY REGLET	MILLWORK CHANNEL W/ RETURN KEYS NO.: MWC5050 SIZE: 1/2"	CLEAR ANODIZED ALUMINUM
PL1	PLASTIC LAMINATE	WILSONART	COLLECTION: HD LAMINATE FINISH: ALIGNED TEXTURE WITH AEON SCRATCH RESISTANCE	MORRIS OAK 17005K-51
PL2	PLASTIC LAMINATE	WILSONART	COLLECTION: STANDARD LAMINATE FINISH: MATTE FINISH 60	BEIGEWOOD 7850
PL3	PLASTIC LAMINATE, WALL	WILSONART	COLLECTION: STANDARD LAMINATE FINISH: MATTE	CANYON ZEPHYR 4842-60
SS1	SOLID SURFACING, FIELD	WILSONART	SOLID SURFACE	ARCTIC DUNE 9253CM
SS2	SOLID SURFACING, ACCENT	WILSONART	SOLID SURFACE	DUSK ICE 9203CE
SS3	SOLID SURFACING, ACCENT	WILSONART	SOLID SURFACE	HOT STONE 92016S
TRP1	TRANSLUCENT RESIN PANEL	3-FORM	MODEL NUMBER: GAUGE: 1/4"	
<b>CEILING</b>				
ACT1	ACOUSTICAL CEILING TILE, FIELD	ARMSTRONG	SILHOUETTE XL 1/8" REVEAL 9/16 SLOTTED TEE SYSTEM SIZE: 2x2 SQUARE TILE	WHITE
ACT2	ACOUSTICAL CEILING TILE, ACCENT WOOD, INTERIOR	ARMSTRONG	METALWORKS LINEAR CEILING SYSTEMS, FXCH TEXTURE: SMOOTH	EFFECTS CHERRY
ACT3	ACOUSTICAL CEILING TILE, ACCENT WOOD, EXTERIOR	ARMSTRONG	METALWORKS LINEAR CEILING SYSTEMS, FXCH TEXTURE: SMOOTH	EFFECTS CHERRY
ACT4	ACOUSTICAL CEILING TILE W/ 3 1/2" UNFACED SOUND BLANKET, OFFICES, GENERAL	ARMSTRONG	ULTIMA HIGH NRC, SQUARE LAY-IN, FINE TEXTURE MODEL NO.: 1543	WHITE
ACT5	ACOUSTICAL CEILING TILE, SOILED UTILITY/EXAM	ARMSTRONG	ULTIMA HIGH NRC, SQUARE LAY-IN, FINE TEXTURE MODEL NO.: 1543	WHITE
ACT6	ACOUSTICAL CEILING TILE W/ 3 1/2" UNFACED SOUND BLANKET, NURSEMD	ARMSTRONG	PRELUDE XL 15/16" EXPOSED TEE GRID 1721 CLEAN ROOM FL, BORDER, 24" X 48" X 5/8", SQUARE LAY-IN (PERIMETER BORDER TILE AND ANY TILE TO BE TRIMMED TO FIT)	WHITE

**FINISH SCHEDULE**

CODE	DESCRIPTION	MANUFACTURER	MODEL	COLOR
ACT7	ACOUSTICAL CEILING TILE W/ 3 1/2" UNFACED SOUND BLANKET, CONFERENCE	ARMSTRONG	PRELUDE XL 15/16" EXPOSED TEE GRID 1721 CLEAN ROOM FL, BORDER, 24" X 48" X 5/8", SQUARE LAY-IN (PERIMETER BORDER TILE AND ANY TILE TO BE TRIMMED TO FIT)	WHITE
<b>FLOORING</b>				
CPT1	CARPET TILE, STAFF	SHAW CONTRACT	COLLECTION: THE PARK STYLE: REFLECT TILE 5T139 SIZE: 18" X 36" INSTALLATION: ASHLAR	RECHARGE 38530
CPT2	CARPET TILE, STAFF	SHAW CONTRACT	COLLECTION: THE PARK STYLE: DRIFT TILE 5T142 SIZE: 9" X 36" INSTALLATION: ASHLAR	FLOURISH 38284
CPT3	CARPET TILE, PATIENT	SHAW CONTRACT	COLLECTION: THE PARK STYLE: REFLECT TILE 5T139 SIZE: 18" X 36" INSTALLATION: ASHLAR	NEST 38760
CPT4	CARPET TILE, PATIENT	SHAW CONTRACT	COLLECTION: THE PARK STYLE: DRIFT TILE 5T142 SIZE: 9" X 36" INSTALLATION: ASHLAR	SERENE 38327
CPT5	CARPET TILE, PATIENT	SHAW CONTRACT	COLLECTION: THE PARK STYLE: DRIFT TILE 5T142 SIZE: 9" X 36" INSTALLATION: ASHLAR	COEXIST 38557
CT1	CERAMIC TILE, FLOOR FIELD	CROSSVILLE	STYLE: RETROACTIVE 2.0 SIZE: 12" X24" PTN SAM	A870 SEAL TAUPE
RF1	RESILIENT PLANK (FIELD), WOODLOOK	TANDUS CENTIVA	STYLE: VENUE WOOD ITEM #: UVP 3530-WG SIZE: 9" X36" INSTALL: ASHLAR	VINTAGE OAK
RF2	RESILIENT PLANK (ACCENT), WOODLOOK	TANDUS CENTIVA	STYLE: MODERN WOOD ITEM #: CMD 3604-TK SIZE: 9" X36" INSTALL: ASHLAR	WHISPER
SC1	SEALED CONCRETE			
SDT1	STATIC DISSIPATIVE TILE	ARMSTRONG	STYLE: EXECLON SDT SIZE: 12" X 12" THICKNESS: 1/8"	ARMOR GRAY 51951
SV1	SHEET VINYL	MANNINGTON COMMERCIAL	COLLECTION: BIOSPEC CHOICES MODEL NO.: MD 15240	COOL BEIGE
VCT1	VINYL COMPOSITE TILE	ARMSTRONG	STYLE: PREMIUM EXECLON STONTEX SIZE: 12" X 12" THICKNESS: 1/8"	TBD
VCT2	VINYL COMPOSITE TILE	ARMSTRONG	STYLE: PREMIUM EXECLON STONTEX SIZE: 12" X 12" THICKNESS: 1/8"	TBD
VCT3	VINYL COMPOSITE TILE	ARMSTRONG	STYLE: PREMIUM EXECLON STONTEX SIZE: 12" X 12" THICKNESS: 1/8"	TBD
WM1	WALK-OFF MAT	TANDUS CENTIVA	STYLE: ASSERTIVE STRIA 04839	STEELWORK 26202
<b>WALL FINISHES</b>				
CTW1	CERAMIC TILE, WALL FIELD	NATURAL STONE DESIGN GALLERY	COLLECTION: WALKS MODEL NO.: N/A THICKNESS: TBD EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	WHITE NATURAL
CTW2	CERAMIC TILE, WALL ACCENT	PORCELANOSA	COLLECTION: VENIS MODEL NO.: V144011501 THICKNESS: 15/32" APPROX. EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	PARK NATURAL
CTW3	CERAMIC TILE, WALL ACCENT	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	ROYAL NAVY
CTW4	CERAMIC TILE, WALL ACCENT	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	SNOW BLIND
CTW5	CERAMIC TILE, WALL ACCENT	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	A870 SEAL TAUPE
FRP1	FIBERGLASS REINFORCED PLASTIC	MARLITE	STANDARD FRP	BISCUIT P440N
P1	PAINT, FIELD	DUNN-EDWARDS	COLOR NO.: DEW380	WHITE
P2	PAINT, ACCENT	DUNN-EDWARDS	COLOR NO.: DE5714	SILENT BREATH
P3	PAINT, ACCENT	DUNN-EDWARDS	COLOR NO.: DE6212	CRISP MUSLIN
P4	PAINT, ACCENT	DUNN-EDWARDS	COLOR NO.: DE5810	CRASHING WAVES
P5	PAINT, ACCENT	DUNN-EDWARDS	COLOR NO.: DE7682	AVALON
P6	PAINT, ACCENT	DUNN-EDWARDS	COLOR NO.: DE7507	GOthic REVIVAL GREEN
P7	PAINT, ACCENT	DUNN-EDWARDS	COLOR NO.: DE5473	CITRON
P8	PAINT, ACCENT	MDC	COLOR NO.: LP1042/4420	LIQUAPEARL FINISH: PEARLESCENT COATING
WC1	WALLCOVERING	CARNEGIE	STYLE: DIVERGE BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8082-12
WC2	WALLCOVERING	CARNEGIE	STYLE: LYON BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8066-26
WP1	WALL PROTECTION, WET AREAS, SEE DETAIL 17/A9.09	CS ACROVYN	ACROVYN BY DESIGN COLLECTION: ORGANIC PATTERN LINEN FINISH: SUEDE TEXTURE SIZE: .040" THICKNESS	COTTONWOOD
WP2	WALL PROTECTION, WAITING AREA, SEE DETAIL 17/A9.09	CS ACROVYN	ACROVYN COLLECTION: ACROVYN 4000 FINISH: SUEDE TEXTURE SIZE: .059" THICKNESS	WHITE

**GENERAL FINISH NOTES**

- NOTIFY ARCHITECT OF ANY IN THE FIELD DISCREPANCIES PRIOR TO FINISHES INSTALLATION.
- REFER TO ID2.0 INTERIOR ELEVATIONS AND SPECIFICATIONS FOR FINISH INFORMATION AND ADDITIONAL INFORMATION ON SUBSTRATE PREP WORK & REQUIRED TESTING PRIOR TO FINISHES INSTALLATION.
- ALL INTERIOR FINISHES SHALL BE CLASS A FIRE RATED.
- GENERAL CONTRACTOR AND SUB-CONTRACTORS TO VERIFY LEAD TIMES ON ALL PRODUCTS IMMEDIATELY UPON PROJECT AWARDMENT. SOME PRODUCTS REQUIRE 6-12 WEEKS LEAD TIME AND SUBSTITUTIONS ARE NOT ALLOWED, UON.
- ALL WALLS SHALL RECEIVE PAINT P1, U.O.N. REFER TO PAINT PLANS.
- ALL GYPSUM BOARD WALLS, SOFFITS, & CEILINGS SHALL RECEIVE EGG-SHELL FINISH, U.O.N.
- ALL METAL DOORS & FRAMES & WINDOW FRAMES TO RECEIVE PX IN SEMI-GLOSS FINISH, U.O.N.
- CORRIDORS, MED-PREP, FOOD-PREP, STAFF LOUNGE, PATIENT ROOMS SHALL RECEIVE SEMI-GLOSS FINISH, U.O.N.
- UTILITY, EVS, ISOLATION PATIENT/TOILET/ ANTE ROOMS, DIALYSIS PATIENT/ TOILET ROOMS & GENERAL TOILET ROOMS SHALL RECEIVE EPOXY GLOSS FINISH, U.O.N.
- ALL WALLS SHALL RECEIVE PAINT FINISH PRIOR TO INSTALLATION OF CEILING GRID'S PERIMETER WALL TRIM.
- WALL BASE SHALL RECEIVE B1, U.O.N. SEE DETAIL 28/A.9.2. REFER TO INTERIOR ELEVATIONS & FINISH SCHEDULE. @ ALL SINK LOCATIONS PROVIDE COLD WELD @ TOP-SET WALL BASE TRANSITION TO FLOORING.
- ALL FLOORING TRANSITIONS TO BE FLOATED, LEVEL, & FLUSH. CONTRACTOR TO ENSURE THAT SLOPE DOES NOT EXCEED 2% IN EITHER DIRECTION, WHERE FLOOR JOINTS OCCUR @ DOORWAYS, JOINT SHALL BE @ C/L OF DOOR AND COMPLETELY HIDDEN FROM VIEW WHEN DOOR IS IN THE CLOSED POSITION.
- CURVED FLOORING PATTERN ARCS ARE TO BE EASED AND SMOOTH IN APPEARANCE AND LASER FABRICATED. COMPLICATED FLOOR PATTERNS ARE NOT TO BE CUT IN THE FIELD BY HAND. COLD WELD ALL COLOR TRANSITIONS.
- HEAT WELD ALL PLANK FLOORING AT AIRBORNE INFECTION ISOLATION ROOMS. PROVIDE COLD WELD AT PRE-FORMED SANITARY BASE AND FLOORING TRANSITION.
- ALL WALLS TO RECEIVE CORNER GUARD CG1 @ 90° OUTSIDE CORNERS OF WING WALLS, SEE DETAIL 13/A9.3. CG2 @ 90° OUTSIDE CORNERS, SEE DETAIL 14/A9.3 & CG3 @ 135° OUTSIDE CORNERS, SEE DETAIL 15/A9.3. INSTALL CORNER GUARDS DIRECTLY ABOVE THE WALL BASE. REFER TO REMODEL PLANS FOR TYPES PER LOCATION.
- ALL INTERIORS OF ENCLOSED CABINETS INCLUDING SHELVING SHALL RECEIVE MELAMINE FINISH, UON. ALL INTERIORS OF OPEN CABINETS INCLUDING SHELVING SHALL MATCH THE EXTERIOR LAMINATE FINISH, UON.
- ALL WINDOWS SHALL RECEIVE WINDOW TREATMENT WT1, SEE DETAIL XXXX.
- FOR ESTIMATING PURPOSES INCLUDE MULTIPLE PATTERN/ ACCENT COLORS FOR FLOORING AND PAINT.

**FINISH SYMBOL LEGEND**

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- INDICATES PAINT FINISH
- INDICATES FLOORING FINISH
- INDICATES DIRECTION OF FLOORING INSTALLATION
- INDICATES QUARTER TURN FLOORING INSTALLATION

**FINISH LEGEND**

- PAINT
- CARPET
- BASE
- RESILIENT FLOORING
- RUBBER FLOORING
- WOOD
- CERAMIC TILE, FLOOR
- CERAMIC TILE, WALL
- CORNER GAURD
- ACOUSTICAL CEILING TILE
- TACK WALL
- WALL COVERING
- WALL PROTECTION
- GLASS
- SPECIALTY ACCESSORY
- WALK-OFF MAT
- METAL TRIM
- PLASTIC LAMINATE
- SOLID SURFACE



Revisions				
No.	Revisions	By	Date	Appr.

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HY Architects Project number: 4452.010

Facility  
SAN BENITO COUNTY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project  
**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**FINISH SCHEDULE**

Client Project Number: Client Proj. #

Scale: 1/4" = 1'-0" Sheet

Drawn By: Author

Checked By: Checker

Issue Date: Issue Date

Revit Version: 2017 Sheet of 200

**ID2.0**



Revisions				
No.	Revisions	By	Date	Appr.

### GENERAL FINISH NOTE

- SEE ID3.0 FOR GENERAL FINISH NOTES AND FINISH SCHEDULE. FINISHES NOTED IN FINISH SCHEDULE ARE A PART OF A MASTER FACILITY STANDARD. SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR EXACT FINISHES AND ALLOCATIONS USED ON THIS PROJECT.
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- FLOORING \ INSTALLATION INDICATES DIRECTION OF FLOORING INSTALLATION
- FLOORING \ INSTALLATION INDICATES QUARTER TURN FLOORING INSTALLATION

### FINISH SCHEDULE - FLOORING

HATCH	CODE	DESCRIPTION
	CPT1	CARPET TILE, STAFF
	CPT2	CARPET TILE, STAFF
	CPT3	CARPET TILE, PATIENT
	CPT4	CARPET TILE, PATIENT
	CPT5	CARPET TILE, PATIENT
	CT1	CERAMIC TILE, FLOOR FIELD
	RF1	RESILIENT PLANK (FIELD), WOODLOOK
	RF2	RESILIENT PLANK (ACCENT), WOODLOOK
	SC1	SEALED CONCRETE
	SDT1	STATIC DISSIPATIVE TILE
	SV1	SHEET VINYL
	VCT1	VINYL COMPOSITE TILE
	VCT2	VINYL COMPOSITE TILE
	VCT3	VINYL COMPOSITE TILE
	WM1	WALK-OFF MAT

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 HY Architects Project number: 4452.010

Facility  
 SAN BENITO COUNTY  
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Project  
 NEW BEHAVIORAL HEALTH CENTER

Sheet Title  
 ENLARGED FLOORING PLAN - SECTOR A

Client Project Number: Client Proj. #  
 Scale: 1/4" = 1'-0"  
 Drawn By: Author  
 Checked By: Checker  
 Issue Date: Issue Date  
 Revit Version: 2017  
**ID3.1**  
 Sheet of 200



**25 ENLARGED PARTIAL FLOORING PLAN - SECTOR A**  
 1/4" = 1'-0"

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### FINISH SCHEDULE - FLOORING

HATCH	CODE	DESCRIPTION
	CPT1	CARPET TILE, STAFF
	CPT2	CARPET TILE, STAFF
	CPT3	CARPET TILE, PATIENT
	CPT4	CARPET TILE, PATIENT
	CPT5	CARPET TILE, PATIENT
	CT1	CERAMIC TILE, FLOOR FIELD
	RF1	RESILIENT PLANK (FIELD), WOODLOOK
	RF2	RESILIENT PLANK (ACCENT), WOODLOOK
	SC1	SEALED CONCRETE
	SDT1	STATIC DISSIPATIVE TILE
	SV1	SHEET VINYL
	VCT1	VINYL COMPOSITE TILE
	VCT2	VINYL COMPOSITE TILE
	VCT3	VINYL COMPOSITE TILE
	WM1	WALK-OFF MAT

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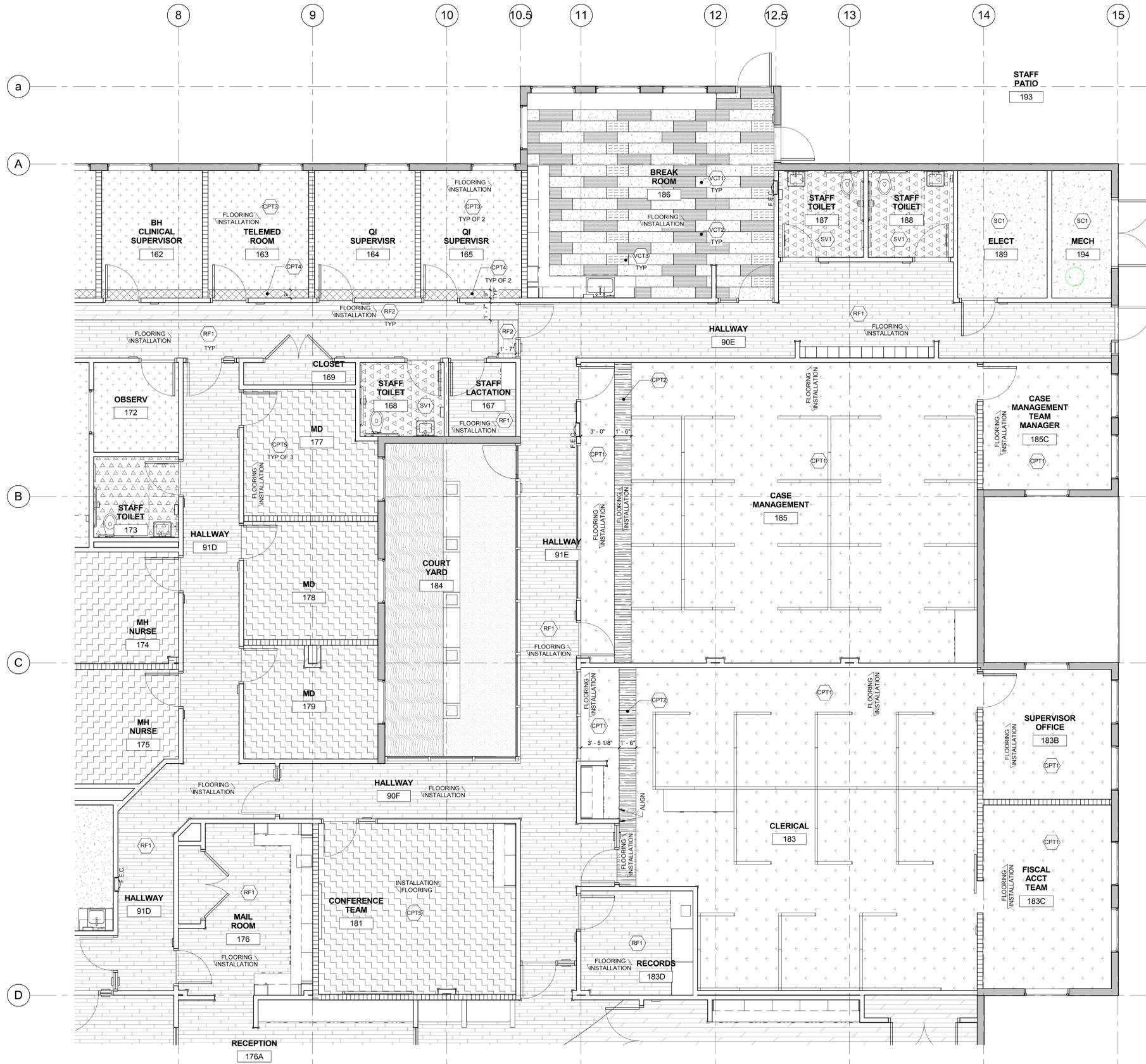
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 HY Architects Project number: 4452.010

Facility  
 SAN BENITO COUNTY  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project  
 NEW BEHAVIORAL HEALTH CENTER

Sheet Title  
 ENLARGED FLOORING PLAN - SECTOR B

Client Project Number: Client Proj. #  
 Scale: 1/4" = 1'-0"  
 Drawn By: Author  
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**25 ENLARGED PARTIAL FLOORING PLAN - SECTOR B**  
 1/4" = 1'-0"

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**GENERAL FINISH NOTE**

- SEE ID3.3 FOR GENERAL FINISH NOTES AND FINISH SCHEDULE. FINISHES NOTED IN FINISH SCHEDULE ARE A PART OF A MASTER FACILITY STANDARD. SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR EXACT FINISHES AND ALLOCATIONS USED ON THIS PROJECT.
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**FINISH SCHEDULE - FLOORING**

HATCH	CODE	DESCRIPTION
	CPT1	CARPET TILE, STAFF
	CPT2	CARPET TILE, STAFF
	CPT3	CARPET TILE, PATIENT
	CPT4	CARPET TILE, PATIENT
	CPT5	CARPET TILE, PATIENT
	CT1	CERAMIC TILE, FLOOR FIELD
	RF1	RESILIENT PLANK (FIELD), WOODLOOK
	RF2	RESILIENT PLANK (ACCENT), WOODLOOK
	SC1	SEALED CONCRETE
	SDT1	STATIC DISSIPATIVE TILE
	SV1	SHEET VINYL
	VCT1	VINYL COMPOSITE TILE
	VCT2	VINYL COMPOSITE TILE
	VCT3	VINYL COMPOSITE TILE
	WM1	WALK-OFF MAT

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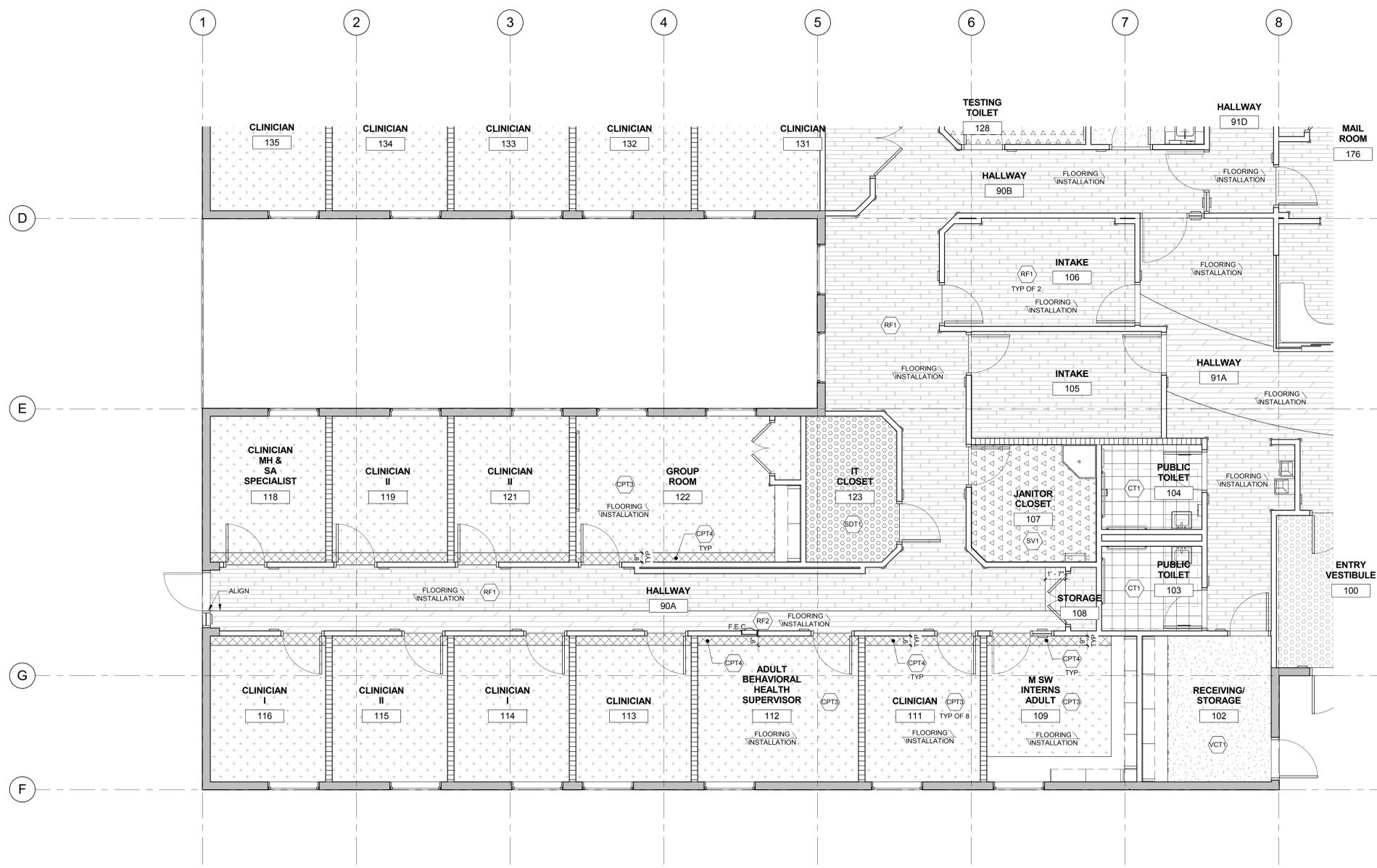
**HY HIBSER YAMAUCHI Architects, Inc.**  
 4602 2nd Street, Suite 3  
 Davis, CA 95618  
 530.758.1270 tel | 530.758.4789 fax

HY Architects Project number: 4452.010  
 Facility: SAN BENITO COUNTY  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: **NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **ENLARGED FLOORING PLAN - SECTOR C**

Client Project Number: \_\_\_\_\_ Client Proj. # \_\_\_\_\_  
 Scale: 1/4" = 1'-0"  
 Drawn By: Author  
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 Issue Date: \_\_\_\_\_  
 Revit Version: 2017  
**ID3.3**  
 Sheet of 200



**25 ENLARGED PARTIAL FLOORING PLAN - SECTOR C**  
 1/4" = 1'-0"

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**GENERAL FINISH NOTE**

- SEE ID3.0 FOR GENERAL FINISH NOTES AND FINISH SCHEDULE. FINISHES NOTED IN FINISH SCHEDULE ARE A PART OF A MASTER FACILITY STANDARD. SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR EXACT FINISHES AND ALLOCATIONS USED ON THIS PROJECT.
- FOR ESTIMATING PURPOSES, INCLUDE MULTIPLE PATTERNS & ACCENT COLOR FOR WALL TILE IN TOILET RM.

**FINISH SYMBOL LEGEND**

- (E) (N) INDICATES EXTENT OF EXISTING (E) & NEW (N) FLOORING
- INDICATES MATERIAL FINISH
- (P) INDICATES PAINT FINISH
- INDICATES FLOORING FINISH
- FLOORING \ INSTALLATION INDICATES DIRECTION OF FLOORING INSTALLATION
- FLOORING \ INSTALLATION INDICATES QUARTER TURN FLOORING INSTALLATION

**FINISH SCHEDULE - FLOORING**

HATCH	CODE	DESCRIPTION
	CPT1	CARPET TILE, STAFF
	CPT2	CARPET TILE, STAFF
	CPT3	CARPET TILE, PATIENT
	CPT4	CARPET TILE, PATIENT
	CPT5	CARPET TILE, PATIENT
	CT1	CERAMIC TILE, FLOOR FIELD
	RF1	RESILIENT PLANK (FIELD), WOODLOOK
	RF2	RESILIENT PLANK (ACCENT), WOODLOOK
	SC1	SEALED CONCRETE
	SDT1	STATIC DISSIPATIVE TILE
	SV1	SHEET VINYL
	VCT1	VINYL COMPOSITE TILE
	VCT2	VINYL COMPOSITE TILE
	VCT3	VINYL COMPOSITE TILE
	WM1	WALK-OFF MAT

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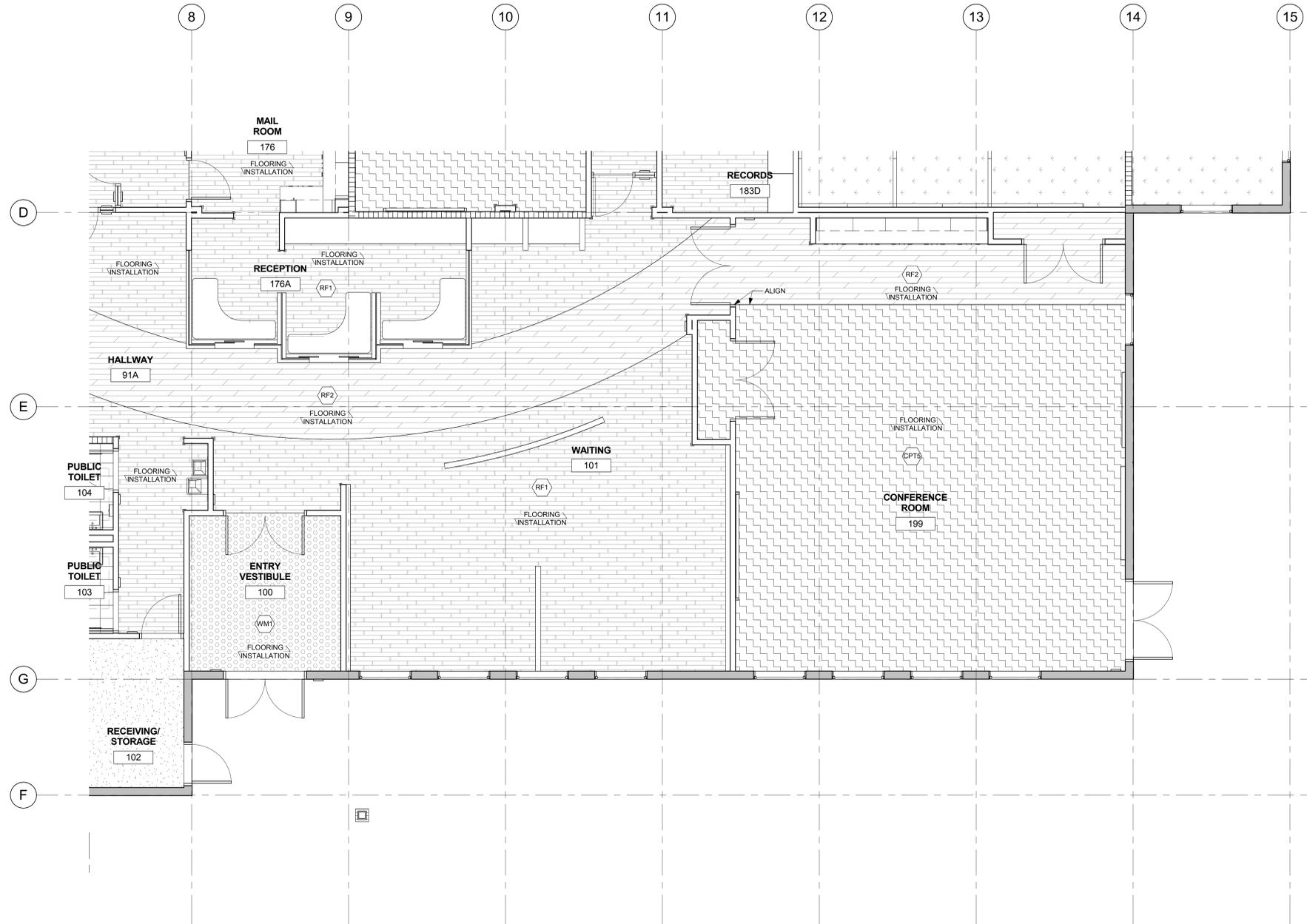
HY Architects Project number: 4452.010  
 Facility: SAN BENITO COUNTY  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: NEW BEHAVIORAL HEALTH CENTER

Sheet Title: ENLARGED FLOORING PLAN - SECTOR D

Client Project Number: Client Proj. #  
 Scale: 1/4" = 1'-0"  
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**ID3.4**



**25 ENLARGED PARTIAL FLOORING PLAN - SECTOR D**  
 1/4" = 1'-0"

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- FOR ESTIMATING PURPOSES, INCLUDE MULTIPLE PATTERNS & ACCENT COLOR FOR WALL TILE IN TOILET RM.

**FINISH SYMBOL LEGEND**

- (E) (N) INDICATES EXTENT OF EXISTING (E) & NEW (N) FLOORING
- (P) INDICATES MATERIAL FINISH
- (P) INDICATES PAINT FINISH
- (P) INDICATES FLOORING FINISH
- FLOORING \ INSTALLATION INDICATES DIRECTION OF FLOORING INSTALLATION
- FLOORING \ INSTALLATION INDICATES QUARTER TURN FLOORING INSTALLATION

**FINISH SCHEDULE - WALL FINISHES**

CODE	MANUFACTURER	MODEL	COLOR
CTW1	NATURAL STONE DESIGN GALLERY	COLLECTION: WALKS MODEL NO.: N/A THICKNESS: TBD EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	WHITE NATURAL
CTW2	PORCELANOSA	COLLECTION: VENIS MODEL NO.: V144011501 THICKNESS: 15/32" APPROX EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	PARK NATURAL
CTW3	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	ROYAL NAVY
CTW4	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	SNOW BLIND
CTW5	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	A870 SEAL TAUPE
FRP1	MARLITE	STANDARD FRP	BISCUIT P440N
P1	DUNN-EDWARDS	COLOR NO.: DEW380	WHITE
P2	DUNN-EDWARDS	COLOR NO.: DE5714	SILENT BREATH
P3	DUNN-EDWARDS	COLOR NO.: DE6212	CRISP MUSLIN
P4	DUNN-EDWARDS	COLOR NO.: DE5810	CRASHING WAVES
P5	DUNN-EDWARDS	COLOR NO.: DE7552	AVAILON
P6	DUNN-EDWARDS	COLOR NO.: DE7507	GOTHIC REVIVAL GREEN
P7	DUNN-EDWARDS	COLOR NO.: DE5473	CITRON
P8	MDC	COLOR NO.: LP1042/4420	LIQUAPEARL FINISH: PEARLSCENT COATING
WC1	CARNEGIE	STYLE: DIVERGE BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8062-12
WC2	CARNEGIE	STYLE: LYON BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8066-26
WP1	CS ACROVYN	ACROVYN BY DESIGN COLLECTION: ORGANIC PATTERN: LINEN FINISH: SUEDE TEXTURE SIZE: 940" THICKNESS	COTTONWOOD
WP2	CS ACROVYN	ACROVYN COLLECTION: ACROVYN 4000 FINISH: SUEDE TEXTURE SIZE: .059" THICKNESS	WHITE

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**25 ENLARGED PARTIAL PAINT PLAN - SECTOR A**  
 1/4" = 1'-0"

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 HY Architects Project number: 4452.010

Facility: **SAN BENITO COUNTY**  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: **NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **ENLARGED PAINT PLAN - SECTOR A**

Client Project Number: \_\_\_\_\_ Client Proj. # \_\_\_\_\_  
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 Issue Date: Issue Date  
 Revit Version: 2017  
**ID4.1**  
 Sheet of 200



Revisions				
No.	Revisions	By	Date	Appr.

**GENERAL FINISH NOTE**

- SEE ID2.0 FOR GENERAL FINISH NOTES AND FINISH SCHEDULE. FINISHES NOTED IN FINISH SCHEDULE ARE A PART OF A MASTER FACILITY STANDARD. SEE INTERIOR ELEVATIONS AND FINISH PLANS FOR EXACT FINISHES AND ALLOCATIONS USED ON THIS PROJECT.
- FOR ESTIMATING PURPOSES, INCLUDE MULTIPLE PATTERNS & ACCENT COLOR FOR WALL TILE IN TOILET RM.

**FINISH SYMBOL LEGEND**

- (E) (N) INDICATES EXTENT OF EXISTING (E) & NEW (N) FLOORING
- (P) INDICATES MATERIAL FINISH
- (P) INDICATES PAINT FINISH
- (P) INDICATES FLOORING FINISH
- FLOORING \ INSTALLATION INDICATES DIRECTION OF FLOORING INSTALLATION
- FLOORING \ INSTALLATION INDICATES QUARTER TURN FLOORING INSTALLATION

**FINISH SCHEDULE - WALL FINISHES**

CODE	MANUFACTURER	MODEL	COLOR
CTW1	NATURAL STONE DESIGN GALLERY	COLLECTION: WALKS MODEL NO.: N/A THICKNESS: TBD EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	WHITE NATURAL
CTW2	PORCELANOSA	COLLECTION: VENIS MODEL NO.: V144011501 THICKNESS: 15/32" APPROX EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	PARK NATURAL
CTW3	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	ROYAL NAVY
CTW4	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	SNOW BLIND
CTW5	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	A870 SEAL TAUPE
FRP1	MARLITE	STANDARD FRP	BISCUIT P440N
P1	DUNN-EDWARDS	COLOR NO.: DEW380	WHITE
P2	DUNN-EDWARDS	COLOR NO.: DE5714	SILENT BREATH
P3	DUNN-EDWARDS	COLOR NO.: DE6212	CRISP MUSLIN
P4	DUNN-EDWARDS	COLOR NO.: DE5810	CRASHING WAVES
P5	DUNN-EDWARDS	COLOR NO.: DE1552	AVALON
P6	DUNN-EDWARDS	COLOR NO.: DE1507	GOthic REVIVAL GREEN
P7	DUNN-EDWARDS	COLOR NO.: DE5473	CITRON
P8	MDC	COLOR NO.: LP1042/4420	LIGUAPEARL FINISH: PEARLESCENT COATING
WC1	CARNEGIE	STYLE: DIVERGE BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8062-12
WC2	CARNEGIE	STYLE: LYON BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8066-26
WP1	CS ACROVYN	ACROVYN BY DESIGN COLLECTION: ORGANIC PATTERN: LINEN FINISH: SUEDE TEXTURE SIZE: .040 THICKNESS	COTTONWOOD
WP2	CS ACROVYN	ACROVYN COLLECTION: ACROVYN 4000 FINISH: SUEDE TEXTURE SIZE: .059" THICKNESS	WHITE

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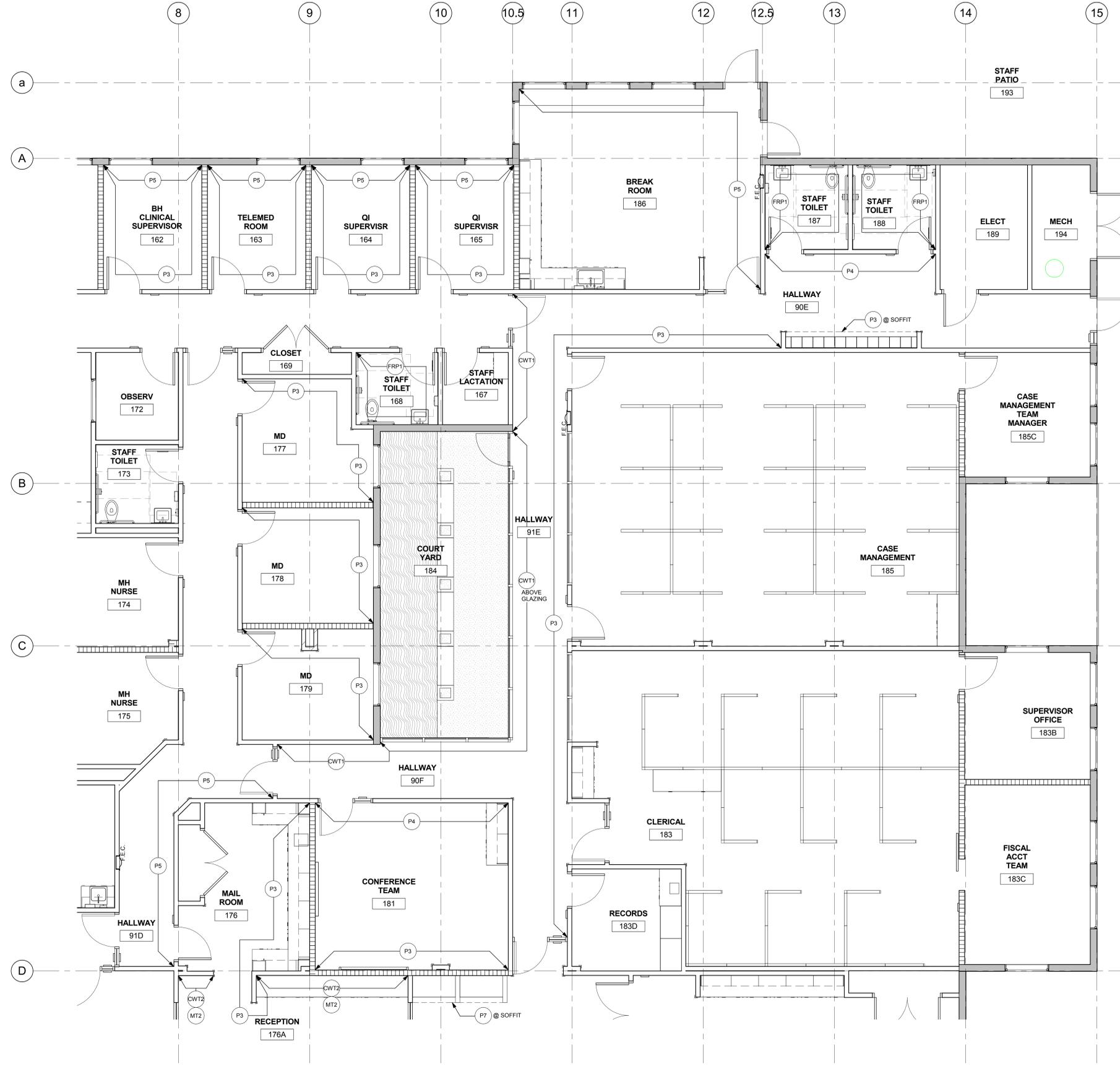
**HY HIBER YAMAUCHI Architects, Inc.**  
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 Davis, CA 95618  
 530.758.1270 tel | 530.758.4789 fax

HY Architects Project number: 4452.010  
 Facility: SAN BENITO COUNTY  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: **NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **ENLARGED PAINT PLAN - SECTOR B**

Client Project Number: Client Proj. #  
 Scale: 1/4" = 1'-0"  
 Drawn By: Author  
 Checked By: Checker  
 Issue Date: Issue Date  
 Revit Version: 2017  
 Sheet of 200



**25 ENLARGED PARTIAL FLOOR PLAN**  
 1/4" = 1'-0"

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- FOR ESTIMATING PURPOSES, INCLUDE MULTIPLE PATTERNS & ACCENT COLOR FOR WALL TILE IN TOILET RM.

**FINISH SYMBOL LEGEND**

- (E) (N) INDICATES EXTENT OF EXISTING (E) & NEW (N) FLOORING
- INDICATES MATERIAL FINISH
- ← P → INDICATES PAINT FINISH
- ← F → INDICATES FLOORING FINISH
- FLOORING \ INSTALLATION INDICATES DIRECTION OF FLOORING INSTALLATION
- FLOORING / INSTALLATION INDICATES QUARTER TURN FLOORING INSTALLATION

**FINISH SCHEDULE - WALL FINISHES**

CODE	MANUFACTURER	MODEL	COLOR
<b>WALL FINISHES</b>			
CTW1	NATURAL STONE DESIGN GALLERY	COLLECTION: WALKS MODEL NO.: N/A THICKNESS: TBD EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	WHITE NATURAL
CTW2	PORCELANOSA	COLLECTION: VENIS MODEL NO.: V144011501 THICKNESS: 15/32" APPROX EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	PARK NATURAL
CTW3	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	ROYAL NAVY
CTW4	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	SNOW BLIND
CTW5	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	A870 SEAL TAUPE
FRP1	MARLITE	STANDARD FRP	BISCUIT P440N
P1	DUNN-EDWARDS	COLOR NO.: DEW380	WHITE
P2	DUNN-EDWARDS	COLOR NO.: DE5714	SILENT BREATH
P3	DUNN-EDWARDS	COLOR NO.: DE6212	CRISP MUSLIN
P4	DUNN-EDWARDS	COLOR NO.: DE5810	CRASHING WAVES
P5	DUNN-EDWARDS	COLOR NO.: DE7552	AVAILON
P6	DUNN-EDWARDS	COLOR NO.: DE7507	GOthic REVIVAL GREEN
P7	DUNN-EDWARDS	COLOR NO.: DE5473	CITRON
P8	MDC	COLOR NO.: LP10424420	LIQUAPEARL FINISH: PEARLESCENT COATING
WC1	CARNEGIE	STYLE: DIVERGE BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8062-12
WC2	CARNEGIE	STYLE: LYON BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8066-26
WP1	CS ACROVYN	ACROVYN BY DESIGN COLLECTION: ORGANIC PATTERN: LINEN FINISH: SUEDE TEXTURE SIZE: 360" THICKNESS	COTTONWOOD
WP2	CS ACROVYN	ACROVYN COLLECTION: ACROVYN 4000 FINISH: SUEDE TEXTURE SIZE: 059" THICKNESS	WHITE

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HY Architects Project number: 4452.010

Facility  
SAN BENITO COUNTY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project  
**NEW BEHAVIORAL HEALTH  
CENTER**

Sheet Title  
**ENLARGED PAINT PLAN -  
SECTOR C**

Client Project Number: Client Proj. #

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

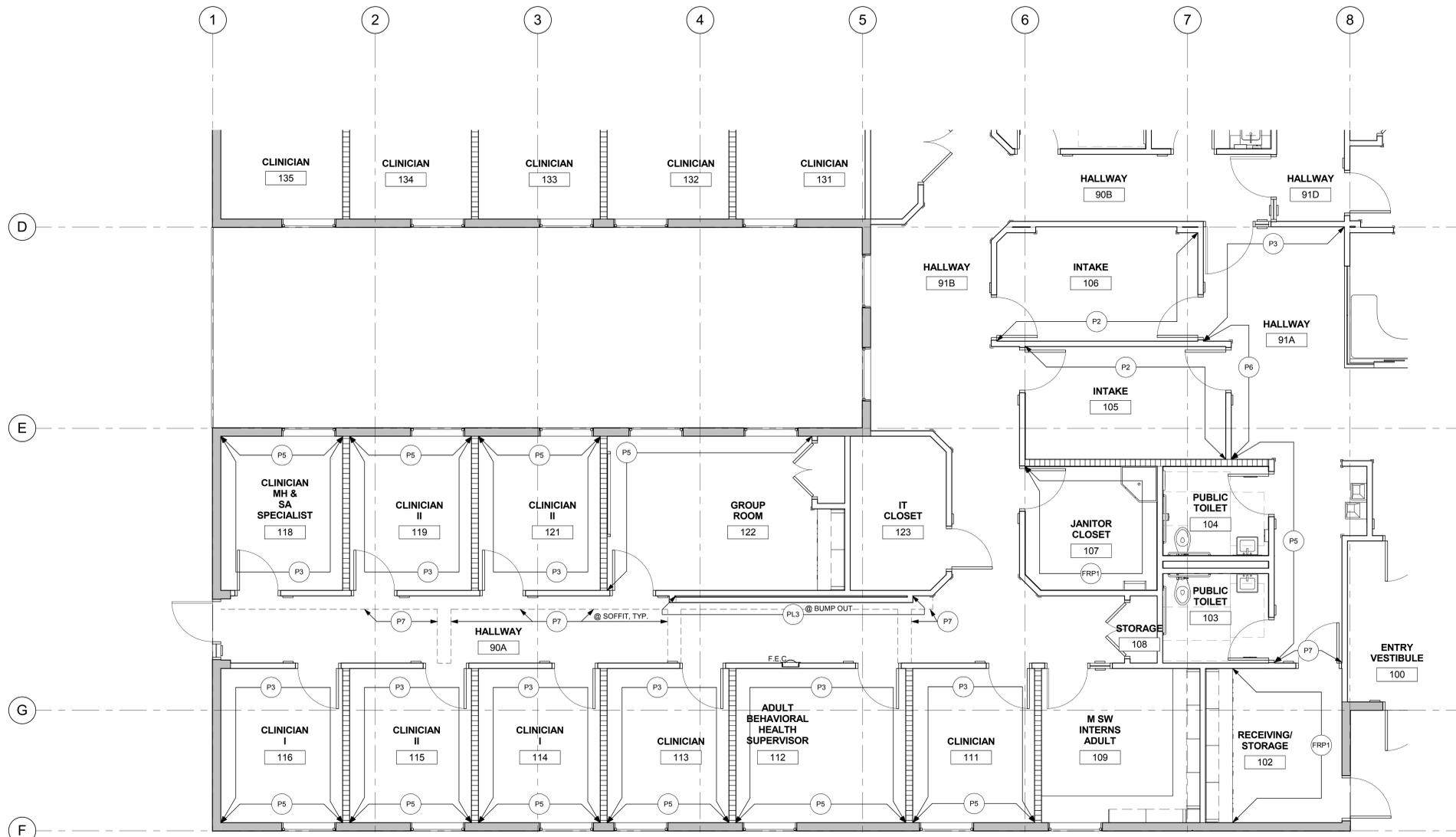
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**ID4.3**



**25 ENLARGED PARTIAL FLOOR PLAN**  
1/4" = 1'-0"



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- FOR ESTIMATING PURPOSES, INCLUDE MULTIPLE PATTERNS & ACCENT COLOR FOR WALL TILE IN TOILET RM.

**FINISH SYMBOL LEGEND**

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- INDICATES MATERIAL FINISH
- ← P → INDICATES PAINT FINISH
- ← ○ → INDICATES FLOORING FINISH
- FLOORING \ INSTALLATION INDICATES DIRECTION OF FLOORING INSTALLATION
- FLOORING \ INSTALLATION INDICATES QUARTER TURN FLOORING INSTALLATION

**FINISH SCHEDULE - WALL FINISHES**

CODE	MANUFACTURER	MODEL	COLOR
<b>WALL FINISHES</b>			
CTW1	NATURAL STONE DESIGN GALLERY	COLLECTION: WALKS MODEL NO.: N/A THICKNESS: TBD EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	WHITE NATURAL
CTW2	PORCELANOSA	COLLECTION: VENIS MODEL NO.: V144011501 THICKNESS: 15/32" APPROX EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	PARK NATURAL
CTW3	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	ROYAL NAVY
CTW4	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	SNOW BLIND
CTW5	CROSSVILLE	COLLECTION: RETRO ACTIVE 2.0 MODEL NO.: TBD SIZE: TBD THICKNESS: 5/16" EPOXY GROUT: CUSTOM BUILDING PRODUCTS PRISM	A870 SEAL TAUPE
FRP1	MARLITE	STANDARD FRP	BISCUIT P440N
P1	DUNN-EDWARDS	COLOR NO.: DEW380	WHITE
P2	DUNN-EDWARDS	COLOR NO.: DE5714	SILENT BREATH
P3	DUNN-EDWARDS	COLOR NO.: DE6212	CRISP MUSLIN
P4	DUNN-EDWARDS	COLOR NO.: DE5810	CRASHING WAVES
P5	DUNN-EDWARDS	COLOR NO.: DE1552	AVALON
P6	DUNN-EDWARDS	COLOR NO.: DE1507	GOthic REVIVAL GREEN
P7	DUNN-EDWARDS	COLOR NO.: DE5473	CITRON
P8	MDC	COLOR NO.: LP10424420	LIQUAPEARL FINISH: PEARLSCENT COATING
WC1	CARNEGIE	STYLE: DIVERGE BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8062-12
WC2	CARNEGIE	STYLE: LYON BACKING: TYPE 5, SMOOTH WALL INSTALL: VERTICAL	8066-26
WP1	CS ACROVYN	ACROVYN BY DESIGN COLLECTION: ORGANIC PATTERN: LINEN FINISH: SUEDE TEXTURE SIZE: .040" THICKNESS	COTTONWOOD
WP2	CS ACROVYN	ACROVYN COLLECTION: ACROVYN 4000 FINISH: SUEDE TEXTURE SIZE: .059" THICKNESS	WHITE

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530.758.1270 tel | 530.758.4799 fax

HY Architects Project number: 4452.010

Facility  
SAN BENITO COUNTY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

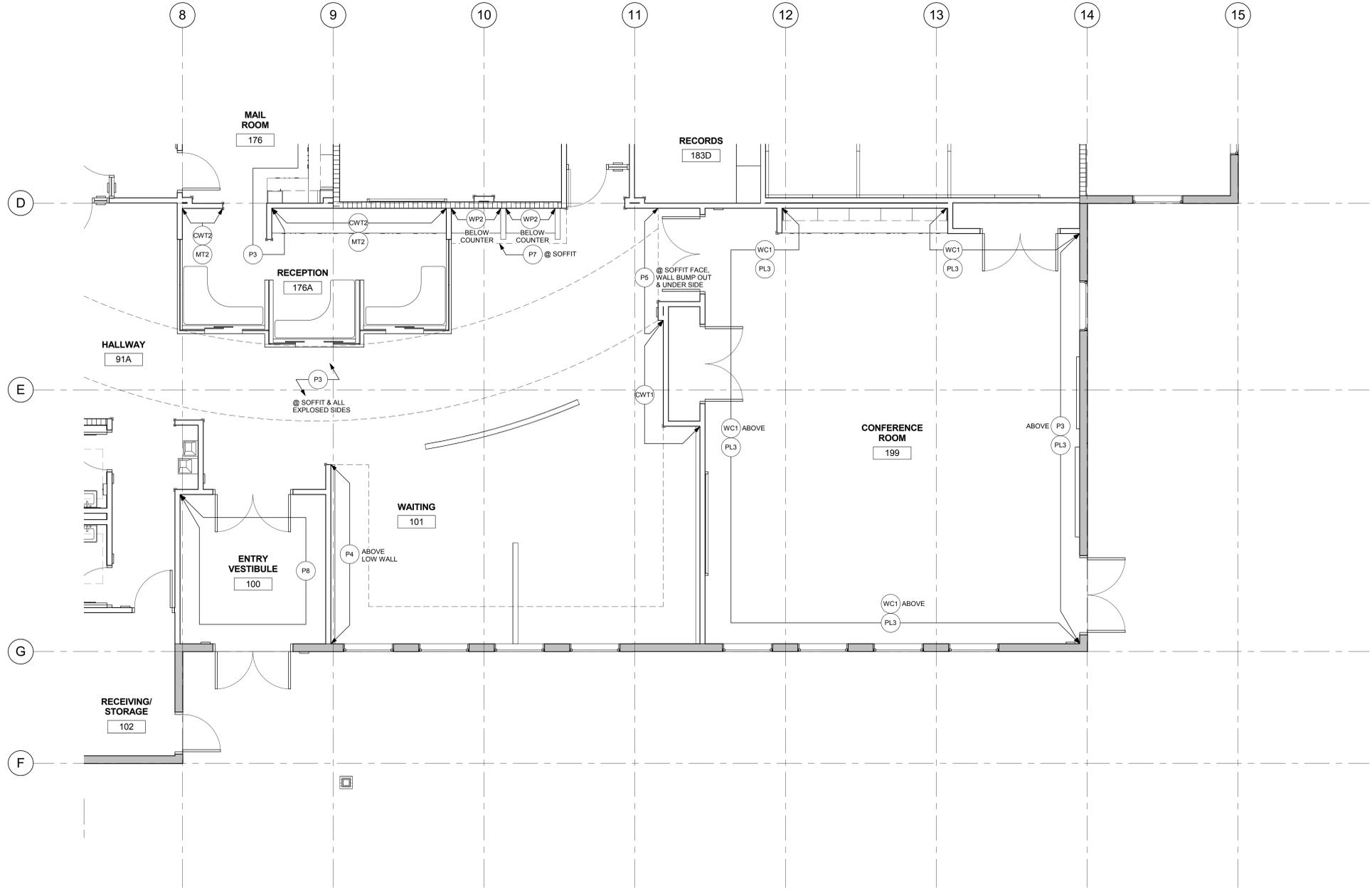
Project  
**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**ENLARGED PAINT PLAN - SECTOR D**

Client Project Number: Client Proj. #

Scale: 1/4" = 1'-0"  
Drawn By: Author  
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**ID4.4**



**25 ENLARGED PARTIAL PAINT PLAN - SECTOR D**  
1/4" = 1'-0"



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# GENERAL NOTES

APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE

## GENERAL NOTES

- INTERPRETATION OF DRAWINGS & SPECIFICATIONS
  - WHERE SPECIFICATIONS HAVE BEEN PREPARED FOR THIS PROJECT, THEY ARE ARRANGED IN SEVERAL SECTIONS, BUT SUCH SEPARATION SHALL NOT BE CONSIDERED AS THE LIMITS OF THE WORK REQUIRED OF ANY SEPARATE TRADE. THE TERMS AND CONDITIONS OF SUCH LIMITATIONS ARE WHOLLY BETWEEN THE CONTRACTOR AND HIS SUBCONTRACTORS.
  - IN GENERAL, THE WORKING DETAILS WILL INDICATE DIMENSIONS, POSITION AND KIND OF CONSTRUCTION, AND THE SPECIFICATIONS, QUALITIES AND METHODS. ANY WORK INDICATED ON THE WORKING DETAILS AND NOT MENTIONED IN THE SPECIFICATIONS, OR VICE VERSA, SHALL BE FURNISHED AS THOUGH FULLY SET FORTH IN BOTH. WORK NOT PARTICULARLY DETAILED, MARKED OR SPECIFIED, SHALL BE IDENTICAL OR SIMILAR TO LIKE CASES OF CONSTRUCTION THAT ARE DETAILED, MARKED OR SPECIFIED, IF CONFLICTS OCCUR ON DRAWINGS AND/OR SPECIFICATIONS, THE MOST EXPENSIVE MATERIALS OR METHODS WILL PREVAIL.
  - SHOULD AN ERROR APPEAR IN THE WORKING DETAILS OR SPECIFICATIONS OR IN WORK DONE BY OTHERS AFFECTING THIS WORK, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT ONCE AND IN WRITING. IF THE CONTRACTOR PROCEEDS WITH THE WORK SO AFFECTED WITHOUT HAVING GIVEN SUCH WRITTEN NOTICE AND WITHOUT RECEIVING THE NECESSARY APPROVAL, DECISION OR INSTRUCTIONS IN WRITING FROM THE OWNER, THEN HE SHALL HAVE NO VALID CLAIM AGAINST THE OWNER, FOR THE COST OF SO PROCEEDING AND SHALL MAKE GOOD ANY RESULTING DAMAGE OR DEFECT. NO VERBAL APPROVAL, DECISION OR INSTRUCTION SHALL BE VALID OR BE THE BASIS FOR ANY CLAIM AGAINST THE OWNER, ITS OFFICERS, EMPLOYEES OR AGENTS. THE FOREGOING INCLUDES TYPICAL ERRORS IN THE SPECIFICATIONS OR NOTATIONAL ERRORS IN THE WORKING DETAILS WHERE THE INTERPRETATION IS DUBIOUS, OR WHERE THE ERROR IS SUFFICIENTLY APPARENT AS TO PLACE A REASONABLY PRUDENT CONTRACTOR ON NOTICE THAT, SHOULD HE ELECT TO PROCEED, HE IS DOING SO AT HIS OWN RISK.
- CONSTRUCTION SHALL CONFORM TO ALL APPLICABLE CODES AND REGULATIONS.
- SHOP DRAWING NOTE
  - WHEN NOT ADDRESSED BY DIVISION 1 OF THE SPECIFICATIONS, PAPER FORMAT STRUCTURAL SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF THREE COPIES MINIMUM OF EACH SHEET. WHERE SUBMITTALS ARE ELECTRONIC, FORMAT SHALL BE PDF.
  - THE PURPOSE OF SHOP DRAWING SUBMITTALS BY THE CONTRACTOR IS TO DEMONSTRATE TO THE STRUCTURAL ENGINEER THAT HE UNDERSTANDS THE DESIGN CONCEPT BY INDICATING WHICH MATERIAL HE INTENDS TO FURNISH AND INSTALL, AND BY DETAILING THE FABRICATION AND INSTALLATION METHODS HE INTENDS TO USE ON A STAND ALONE SET OF DOCUMENTS. DUPLICATION OF DESIGN DOCUMENTS FOR THE PURPOSE OF SHOP DRAWINGS IS NOT ACCEPTABLE.
  - PRIOR TO FABRICATION, SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE STRUCTURAL ENGINEER. SHOP DRAWING SUBMITTALS SHALL INCLUDE, BUT ARE NOT NECESSARILY LIMITED TO, STRUCTURAL STEEL, REINFORCING STEEL, & GLUE-LAMINATED BEAMS.
  - PRIOR TO SUBMISSION THE CONTRACTOR SHALL REVIEW ALL SUBMITTALS FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS AND SHALL STAMP SUBMITTALS AS BEING REVIEWED FOR CONFORMANCE.
  - SHOP DRAWING SUBMITTALS PROCESSED BY THE STRUCTURAL ENGINEER ARE NOT CHANGE ORDERS.
  - ANY DETAIL ON THE SHOP DRAWINGS THAT DEVIATES FROM THE CONTRACT DOCUMENTS SHALL CLEARLY BE MARKED WITH THE NOTE "THIS IS A CHANGE".
  - SHOP DRAWINGS OR CALCULATIONS SUBMITTED FOR REVIEW THAT REQUIRE RESUBMITTAL FOR REVIEW SHALL BE BILLED HOURLY FOR SUCH TIME TO THE GENERAL CONTRACTOR. RE-REVIEW WILL NOT PROCEED WITHOUT WRITTEN APPROVAL FROM THE GENERAL CONTRACTOR FOR ADDITIONAL ENGINEERING REVIEW SERVICES.
- SAFETY NOTE
  - IT IS THE CONTRACTORS RESPONSIBILITY TO COMPLY WITH THE PERTINENT SECTIONS, AS THEY APPLY TO THIS PROJECT, OF THE "CONSTRUCTION SAFETY ORDERS" ISSUED BY THE STATE OF CALIFORNIA LATEST EDITION, AND ALL OSHA REQUIREMENTS.
  - THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DESIGN AND CONSTRUCTION OF ALL FORMS AND SHORING REQUIRED. SHORING INDICATIONS (LOCATION, DIRECTION, DURATION, ETC.) ARE ONLY SHOWN ON THE STRUCTURAL DWGS WHEN REQUIRED TO IMPLEMENT THE DESIGN INTENT OF THE FINAL WORK PRODUCT. DETERMINATION WHETHER SHORING IS REQUIRED FOR TEMPORARY OR INTERMEDIATE CONDITIONS DURING CONSTRUCTION IS WHOLLY THE RESPONSIBILITY OF THE CONTRACTOR.
  - THE OWNER AND THE STRUCTURAL ENGINEER DO NOT ACCEPT ANY RESPONSIBILITY FOR THE CONTRACTORS FAILURE TO COMPLY WITH THESE REQUIREMENTS.
  - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER WHERE A CONFLICT OR DISCREPANCY EXISTS BETWEEN THE STRUCTURAL DRAWINGS AND ANY OTHER PORTION OF THE CONTRACT DOCUMENTS OR EXISTING FIELD CONDITIONS. SUCH NOTIFICATION SHALL BE GIVEN IN DUE TIME SO AS NOT TO AFFECT THE CONSTRUCTION SCHEDULE. IN CASE OF A CONFLICT BETWEEN STRUCTURAL DRAWINGS AND SPECIFICATIONS THE MORE RESTRICTIVE CONDITION SHALL TAKE PRECEDENCE UNLESS WRITTEN APPROVAL HAS BEEN GIVEN FOR THE LEAST RESTRICTIVE. CONTRACTOR SHALL VERIFY ALL DIMENSIONS WITH ARCHITECTURAL PRIOR TO COMMENCING ANY WORK.
  - WHEN CONSTRUCTION ATTACHES TO OR IS WITHIN AN EXISTING BUILDING, A COMPLETE SET OF DRAWINGS OF THE EXISTING BUILDING SHALL BE KEPT ON THE JOB SITE. CONTRACTOR TO OBTAIN THESE DRAWINGS FROM THE OWNER (IF THEY ARE AVAILABLE).
  - CONTRACTOR SHALL PROVIDE AN ALLOWANCE EQUAL TO 2% OF THE BID FOR STRUCTURAL STEEL, MISC. IRON AND REINFORCING STEEL TO BE USED AT THE DISCRETION OF THE STRUCTURAL ENGINEER. UNUSED AMOUNT TO REVERT TO THE OWNER UPON COMPLETION OF THE JOB.
  - ANY SUBSTITUTIONS FOR STRUCTURAL MEMBERS, HARDWARE OR DETAILS SHALL BE REVIEWED BY THE ARCHITECT AND STRUCTURAL ENGINEER. SUCH REVIEW WILL BE BILLED ON A TIME AND MATERIALS BASIS TO THE GENERAL CONTRACTOR WITH NO GUARANTEE THAT THE SUBSTITUTION WILL BE ALLOWED.
  - DO NOT SCALE DRAWINGS. CONTACT THE ARCHITECT OR STRUCTURAL ENGINEER FOR ANY DIMENSIONS NOT SHOWN.
  - THESE DRAWINGS ARE NOT COMPLETE UNTIL REVIEWED AND ACCEPTED BY LOCAL BUILDING OFFICIALS AND THE OWNER AND SIGNED BY THE STRUCTURAL ENGINEER.

## ABBREVIATIONS

(A) - OCCURS ABOVE	JH - JOIST HANGER
AB - ANCHOR BOLT	LL - LIVE LOAD
ABV - ABOVE	LLH - LONG LEG HORIZONTAL
ADD - ADDITIONAL	LLV - LONG LEG VERTICAL
AHU - AIR HANDLING UNIT	LONGIT - LONGITUDINAL
ALT - ALTERNATE	LS - LAG SCREW
APPROX - APPROXIMATE	LW - LIGHT WEIGHT
ARCH - ARCHITECTURAL	MECH - MECHANICAL
(B) - OCCURS BELOW	MFR - MANUFACTURER
BLDG - BUILDING	M - MALLEABLE IRON
BLKG - BLOCKING	MK - MARK
BLW - BELOW	MTL - METAL
BM - BEAM	NEW - NEW
B.O. - BOTTOM OF	NIC - NOT IN CONTRACT
BOF - BOTTOM OF FOOTING	NS - NEAR SIDE
BOTT - BOTTOM	NTS - NOT TO SCALE
BRCD - BRACING	NW - NORMAL WEIGHT
BRG - BEARING	OJ - OVER
BTW - BETWEEN	OH - OPPOSITE HAND
BYND - BEYOND	OPNG - OPENING
CC - CENTER TO CENTER	OSB - ORIENTED STRAND BOARD
CG - CENTER OF GRAVITY	PC - PIECE
CJ - CONSTRUCTION JOINT	PERP - PERPENDICULAR
CJP - COMPLETE JOINT PENETRATION	PJP - PARTIAL JOINT PENETRATION
CL - CENTERLINE	PL - PLATE
CLG - CEILING	PT - PRESSURE TREATED
CLR - CLEAR	PW - PUDDLE WELD
CMU - CONCRETE MASONRY UNIT	REIN - REINFORCING OR REINFORCEMENT
COL - COLUMN	REQD - REQUIRED
CONC - CONCRETE	RWD - REDWOOD
CONN - CONNECTION	SC - SLIP CRITICAL
CONT - CONTINUOUS	SCH - SCHEDULE
CONTR - CONTRACTOR	SEOR - STRUCTURAL ENGINEER OF RECORD
COORD - COORDINATE	SHTG - SHEATHING
CSK - COUNTERSINK	SM - SIMILAR
DBL - DOUBLE	SJ - SLAB CONTROL JOINT
DF - DOUGLAS FIR	SMS - SHEET METAL SCREW
DIAG - DIAGONAL	SOC - SLAB-ON-GRADE
DL - DEAD LOAD	SP - STRUCTURAL PANEL
DWG - DRAWING	SPCG - SPACING
(E) - EXISTING	SO - SQUARE
EA - EACH	STD - STANDARD
EF - EACH FACE OR EDGE FASTENER	STFNR - STIFFENER
EJ - EXPANSION JOINT	STGRD - STAGGERED
ELEV - ELEVATION	STL - STEEL
EN - EDGE NAILING	STRUCT - STRUCTURAL
EOS - EDGE OF SLAB	SW - SHEAR WALL
ED - EQUAL	T&B - TOP & BOTTOM
EW - EACH WAY	T&G - TONGUE & GROOVE
FB - FACE OF BLOCK/BRICK OR FLAT BAR	THRD - THREADED
FC - FACE OF CONCRETE	TN - TOE NAIL
FDN - FOUNDATION	T.O. - TOP OF
FF - FINISH FLOOR	TOC - TOP OF CONCRETE (SLAB UNO)
FRMD - FRAMING	TOP - TOP OF FOOTING OR TOP OF FRAMING
FRT - FIRE RETARDANT TREATED	TOS - TOP OF STEEL
FS - FACE OF STUD OR FAR SIDE	TOW - TOP OF WALL
FTG - FOOTING	TRNRS - TRANSVERSE
GA - GAUGE OR GAGE	TYP - TYPICAL
GALV - GALVANIZED	UNO - UNLESS NOTED OTHERWISE
GLB - GLUED LAMINATED BEAM	VERT - VERTICAL
GR - GRADE	VF - VERIFY IN FIELD
GYP - GYPSUM	WF - WIDE FLANGE
HD - HOLD/DOWN	WHS - WELDED HEADED STUD
HDR - HEADER	WP - WORK POINT
HGR - HANGER	WS - WOOD SCREW
HK - HOOK	WFP - WELDED WIRE FABRIC
HORIZ - HORIZONTAL	XS - EXTRA STRONG
HSB - HIGH STRENGTH BOLT	XXS - DOUBLE EXTRA STRONG
HSS - HOLLOW STRUCTURAL SECTION	Ø - ROUND OR DIAMETER
HT - HEIGHT	

## DESIGN CRITERIA

- CODES AND STANDARDS
  - 2016 CALIFORNIA BUILDING CODE (CBC)
  - ASCE 7-10
  - ACI 318-14
  - ASCE 308-10, 341-10, 358-10
  - AISI S100-12, S200-12, S213-07/81-09 (2012)
  - TMS 402-13/ACI 530-13/ASCE 5-13
  - TMS 602-13/ACI 530-13/ASCE 6-13
  - 2015 NDS, 2015 SDPWS
- VERTICAL LOADS
  - ROOF LIVE LOAD = 20 PSF
  - FLOOR LIVE LOAD = 85 PSF
  - FLOOR PARTITION LIVE LOAD = 15 PSF
  - CORRIDORS = 100 PSF
  - LIVE LOADS ARE REDUCED WHERE PERMITTED BY CODE.
- SOILS VALUES
  - ALLOWABLE SOILS PRESSURE
    - a. DL 1500 PSF
    - b. DL + LL 1900 PSF
  - A. DL + LL + SEISMIC 2000 PSF FOOTING
    - MINIMUM DEPTH = 24"
    - MINIMUM WIDTH = 12"

## CONCRETE

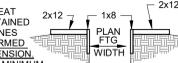
- STRUCTURAL CONCRETE SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH AS REQUIRED IN NOTE #28. MAXIMUM SLUMP SHALL NOT EXCEED 4 INCHES.
- CONCRETE MIX DESIGNS SHALL BE PREPARED BY A REGISTERED CIVIL ENGINEER, REVIEWED BY OWNER'S TESTING LABORATORY AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW.
- CEMENTITIOUS MATERIALS
  - CEMENT SHALL CONFORM TO ASTM C-150 TYPE II OR V.
  - FLY ASH SHALL CONFORM TO ASTM C-618. MAX. QUANTITY OF FLY ASH SHALL BE 25% OR AS GIVEN IN SPECS.
- CONCRETE AGGREGATES SHALL CONFORM TO ASTM C-33 FOR NORMAL WEIGHT CONCRETE AND ASTM C-330 FOR LIGHTWEIGHT CONCRETE.
- NON-SHRINK GROUT OR DRYPACK SHALL CONSIST OF A PREMIXED NONMETALLIC FORMULA.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60 UNO. REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A-776 GRADE 60. CONTRACTOR SHALL SUBMIT REBAR MILL CERTIFICATES. REINFORCING STEEL IN SPECIAL REINFORCED SHEAR WALLS OR MOMENT FRAMES, EXCEPT TIES AND HOOPS, SHALL CONFORM TO ASTM A-776.
- ALL PREHEATING AND WELDING OF REINFORCING BARS SHALL BE DONE IN ACCORDANCE WITH AWS D1.4 LATEST EDITION AND SHALL BE CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY. CONTRACTOR SHALL FURNISH WPS FOR ALL REBAR WELDING TO THE LABORATORY.
- REINFORCING STEEL SHALL BE FABRICATED ACCORDING TO "MANUAL OF STANDARD PRACTICE FOR REINFORCED CONCRETE CONSTRUCTION".
- WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- DIMENSIONS SHOWN FOR LOCATION OF REINFORCING ARE TO THE FACE OF BARS LISTED AND DENOTE CLEAR COVERAGE. CAST-IN-PLACE CONCRETE COVERAGE SHALL BE AS FOLLOWS, UNO:
  - CONCRETE DEPOSITED DIRECTLY AGAINST GROUND (EXCEPT SLABS) = 3"
  - CONCRETE EXPOSED TO GROUND OR WEATHER BUT PLACED IN FORMS:
    - #5 AND SMALLER = 1-1/2"
    - #6 AND LARGER = 2"
  - BEAMS & COLUMNS (TIES) = 1-1/2"
  - BEAMS & COLUMNS (MAIN REINFORCING) = 2"
  - CAST-IN-PLACE WALLS (EXTERIOR FACE & SOIL SIDE) = SEE ABOVE
  - CAST-IN-PLACE WALLS (INTERIOR FACE #11 & SMALLER) = 1"
  - TILT-UP WALLS = SEE DETAILS
  - SLABS (ON FORMS) = 3/4"
  - SLABS (ON GROUND) = 2" CLEAR FROM TOP UNO
- SPLICES IN CONTINUOUS REINFORCEMENT SHALL BE LAPPED UNO. SEE SCHEDULE THIS SHEET. SPLICES IN ADJACENT BARS SHALL BE GREATER THAN 5'-0" APART. SPLICE CONTINUOUS BARS IN SOIL-BEARING GRADE BEAMS, STRUCTURAL SLABS ON GRADE AND MAT FOUNDATIONS AS FOLLOWS UNO: TOP BARS AT CENTERLINE OF SUPPORT; BOTTOM BARS AT MID-SPAN. SPLICE CONTINUOUS BARS IN ELEVATED SLABS AND BEAMS, ETC. AS FOLLOWS UNO: TOP BARS AT MID-SPAN; BOTTOM BARS AT CENTERLINE OF SUPPORT. ALL BARS SIZE #14 AND LARGER SHALL BE CONTINUOUS FOR FULL LENGTH SHOWN OR SPLICED WITH MECHANICAL COUPLERS AS NOTED IN DETAILS. SPLICES IN WWP SHALL BE 1-1/2 MESHES WIDE.
- THE MINIMUM CLEAR SPACING BETWEEN BARS IN A LAYER SHALL NOT BE LESS THAN THE LARGER OF BAR DIAMETER, 1", OR 33% GREATER THAN THE MAXIMUM AGGREGATE SIZE (NOMINAL), WHICHEVER IS GREATEST. THIS REQUIREMENT ALSO APPLIES TO THE CLEAR SPACING BETWEEN DIFFERENT TYPES OF PARALLEL BARS AND TO THE CLEAR DISTANCE BETWEEN A CONTACT LAP SPLICE AND ADJACENT SPLICES OR BARS.
- ALL HOOKS SHALL BE STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED. AT WALLS, PROVIDE HOOKS AT ENDS OF ALL REINFORCING CORNERS AND INTERSECTIONS, UNO.
- CONSTRUCTION JOINTS SHALL BE MADE ROUGH AND ALL LAITANCE REMOVED FROM THE SURFACE. CONCRETE MAY BE ROUGHENED BY CHIPPING THE ENTIRE SURFACE, SAND BLASTING, OR RAKING THE SURFACE TO PROVIDE 1/4" DEEP DEFORMATIONS.
- REMOVE ALL DEBRIS FROM FORMS BEFORE CASTING ANY CONCRETE.
- REINFORCING, DOWELS, BOLTS, ANCHORS, SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE SHALL BE SECURELY POSITIONED BEFORE PLACING CONCRETE.
- ANCHOR BOLTS (ABS) CAST IN CONCRETE FOR WALL SILL AND LEDGER APPLICATIONS SHALL BE HEADED BOLTS WITH CUT THREADS CONFORMING TO ASTM A307, UNO. REFER TO WOOD NOTES FOR ADDITIONAL REQUIREMENTS FOR BOLTS IN CONTACT WITH WOOD. TREATED OR FIRE RETARDANT MATERIAL. REFER TO STRUCTURAL STEEL NOTE FOR REQUIREMENTS FOR ANCHOR RODS (ARS) CAST IN CONCRETE FOR COLUMN BASE PLATE AND STEEL EMBED APPLICATIONS.
- WALLS SHALL BE CAST IN HORIZONTAL LAYERS OF 2'-0" MAXIMUM DEPTH.
- CONCRETE IN WALLS, PIERS OR COLUMNS SHALL SET AT LEAST 2 HOURS BEFORE PLACING CONCRETE IN BEAMS, SPANDRELS, OR SLAB SUPPORTS THEREON.
- HORIZONTAL WALL BARS IN MULTI-CURTAIN CAST IN PLACE WALLS SHALL BE STAGGERED.
- DOWEL ALL VERTICAL REINFORCING IN WALLS AND COLUMNS FROM FOUNDATION WITH SAME SIZE BAR.
- CONSOLIDATE CONCRETE PLACED IN FORMS BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND-SPADING, RODDING OR TAMPING. USE EQUIPMENT AND PROCEDURES FOR CONSOLIDATION OF CONCRETE IN ACCORDANCE WITH THE RECOMMENDED PRACTICES OF ACI 309 TO SUIT THE TYPE OF CONCRETE AND PROJECT CONDITIONS. CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES HOPPERS AND TRUNKS OF VARIABLE LENGTHS SHALL BE USED SO THAT THE FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED 6 FEET.
- NO WOOD SPREADERS ALLOWED. NO WOOD STAKES ALLOWED IN AREAS TO BE CONCRETED.
- ADDITIONAL REINFORCING IN PRECAST OR TILT-UP PANELS REQUIRED FOR LIFTING STRESSES SHALL BE SUPPLIED BY CONTRACTOR.
- PROVIDE #5 X 4'-0" DIAGONAL REINFORCING AT TOP AND BOTTOM OF SLAB AT ALL RE-ENTRANT CORNERS TYPICAL. THIS APPLIES TO SLAB ON GRADE, CONCRETE OVER METAL DECK, AND ELEVATED STRUCTURAL SLAB CONDITIONS.
- ALL SAW CUTTING SHALL BE DONE AFTER INITIAL SET HAS OCCURRED TO AVOID TEARING OR DAMAGE BY THE SAW BLADE, BUT BEFORE INITIAL SHRINKAGE HAS OCCURRED.
- NOTIFY STRUCTURAL ENGINEER A MINIMUM OF 48 HOURS BEFORE PLACING ANY CONCRETE.
- CONCRETE STRENGTHS & MIX PROPERTIES:

ITEM	FC @ 28 DAYS	MAX AGGR. SIZE	WEIGHT	MAX W/C/M*
FOUNDATIONS	3000 PSI	1-1/2"	NW	0.58

\* W/C/M = WATER : CEMENTITIOUS MATERIAL RATIO

## FOUNDATIONS

- ALL FOUNDATION WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SOILS REPORT # 3002338-001 BY EARTH SYSTEMS DATED SEPTEMBER 12, 2018.
- FOUNDATIONS SHALL BEAR ON NATIVE SOILS.
- SEE NOTES AND DETAILS ON SHEET S1.02.
- ALL FILLING, BACKFILLING AND COMPACTION SHALL BE DONE UNDER THE OBSERVATION OF A REPRESENTATIVE OF THE SOILS ENGINEER AND MUST BE COMPACTED TO THE MINIMUM DENSITY SPECIFIED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN THE SOILS REPORT.
- BUILDING PAD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SOILS REPORT. THE EXTENT AND DEPTH OF OVEREXCAVATION AND PLACEMENT OF ENGINEERED FILL SHALL AT A MINIMUM BE AS SHOWN ON THE PLANS. FINAL DEPTH OF EXCAVATION AND FILL SHALL BE DETERMINED AT TIME OF CONSTRUCTION BY A REPRESENTATIVE OF THE SOILS ENGINEER. FOUNDATION DEPTHS INDICATED ON PLANS ARE FOR ESTIMATING PURPOSES ONLY.
- BOTTOMS OF ALL FOUNDATIONS SHALL BE LEVEL. CHANGES IN BOTTOM OF FOUNDATION ELEVATION SHALL BE MADE ACCORDING TO STEPPED FOOTING DETAIL ON THE TYPICAL DETAIL SHEET.
- FOUNDATION CONCRETE MAY BE PLACED DIRECTLY INTO NEAT EXCAVATIONS PROVIDED WRITTEN APPROVAL IS OBTAINED AND A REPRESENTATIVE OF THE SOILS ENGINEER DETERMINES THAT THE EXCAVATIONS ARE STABLE. WIDTH OF ALL UNIFORM FOUNDATIONS SHALL BE INCREASED BY 2" FROM PLAN DIMENSION.
- OTHERWISE, FOUNDATIONS SHALL BE FULLY FORMED. USE MINIMUM PLANKING SHOWN TO PROTECT AGAINST SLOUING, AS REFERRED. PLANKING DOES NOT REPLACE FORMWORK REQUIRED TO STABILIZE EXCAVATION.
- THE SURFACE OF ALL HORIZONTAL CONSTRUCTION JOINTS SHALL BE CLEANED & ROUGHENED BY EXPOSING CLEAN AGGREGATE SOLELY EMBEDDED IN MORTAR MATRIX.
- NOTIFY THE STRUCTURAL ENGINEER 48 HOURS BEFORE CASTING FOUNDATIONS.
- A REPRESENTATIVE OF THE SOILS ENGINEER SHALL ADVISE THE BUILDING OFFICIAL IN WRITING THAT:
  - THE BUILDING PAD WAS PREPARED USING PROPER MATERIALS IN ACCORDANCE WITH THE SOILS REPORT.
  - THE UTILITY TRENCHES HAVE BEEN PROPERLY BACKFILLED AND COMPACTED AND;
  - THE FOUNDATION EXCAVATION DEPTH AND MATERIAL ARE ADEQUATE TO ACHIEVE DESIGN BEARING CAPACITY; AND FORMING COMPLY WITH THE SOILS REPORT AND APPROVED PLAN.
- AT A MINIMUM, THE FOLLOWING SHOULD BE PROVIDED BY THE GEOTECHNICAL ENGINEER:
  - REVIEW OF FINAL GRADING AND FOUNDATION PLANS.
  - PROFESSIONAL OBSERVATION DURING SITE PREPARATION, GRADING, AND FOUNDATION EXCAVATION.
  - OVERSIGHT OF SOIL COMPACTION TESTING DURING GRADING.
  - OVERSIGHT OF SOIL SPECIAL INSPECTION DURING GRADING.
- SITE SOILS ARE CORROSIVE, MEASURES SHALL BE TAKEN TO PROTECT BURIED PIPES, SEE GEOTECHNICAL REPORT.



## FOUNDATIONS

- THE PROPOSED BUILDING MAY BE SUPPORTED BY CONVENTIONAL STRIP/SPREAD FOOTINGS BEARING ON THE STIFF NATIVE OR ENGINEERED FILL MATERIAL. THE FOOTINGS SHOULD HAVE MINIMUM DEPTHS OF 24 INCHES BELOW THE LOWEST ADJACENT GRADE. THE FOOTING EXCAVATIONS SHOULD BE OBSERVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT OF FORMWORK OR REINFORCEMENT.
- THE FOOTINGS SHOULD BE DESIGNED USING A MAXIMUM ALLOWABLE BEARING CAPACITY OF 1,500 PSF DEAD PLUS LIVE LOAD. THIS VALUE MAY BE INCREASED BY ONE-THIRD WHEN TRANSIENT LOADS SUCH AS WIND OR SEISMICITY ARE INCLUDED.
- RESISTANCE TO LATERAL LOADS SHOULD BE CALCULATED BASED ON A PASSIVE EQUIVALENT FLUID PRESSURE OF 250 PCF AND A FRICTION FACTOR OF 0.30. PASSIVE AND FRICTIONAL RESISTANCE CAN BE COMBINED IN THE CALCULATIONS WITHOUT REDUCTIONS. THESE VALUES ARE BASED ON THE ASSUMPTION THAT BACKFILL ADJACENT TO FOUNDATIONS IS PROPERLY COMPACTED. THE UPPER 12 INCHES OF EMBEDMENT SHOULD BE DISREGARDED.

## CRAWLSPACE EXCAVATION/TEMPORARY CUTS

- THE PROPOSED CRAWLSPACE EXCAVATION SHOULD BE COMPLETED IN ACCORDANCE WITH CAL-OSHA REQUIREMENTS. BASED ON THE SOIL PROFILE IDENTIFIED IN THE BORING LOG, THE SITE SOIL IS CLASSIFIED AS TYPE C. TEMPORARY CONSTRUCTION SLOPES SHOULD NOT BE GRADED STEEPER THAN 1 1/2 TO 1 (HORIZONTAL TO VERTICAL). STEEPER SLOPES WILL REQUIRE TEMPORARY SHORING. IF A CONSTRUCTION RAMP IS EXCAVATED LEADING INTO BASEMENT UNDER THE STRUCTURAL AREA, IT SHOULD BE BACKFILLED IN LIFTS COMPACTED TO A MINIMUM OF 90 PERCENT RELATIVE COMPACTION WHEN IT IS LATER BACKFILLED SIMILARLY. IF THE RAMP IS EXCAVATED IN A PLANTER AREA, THAT AREA SHOULD BE BACKFILLED IN LIFTS WITH A SUFFICIENT AMOUNT OF COMPACTION EFFORT TO ALSO ACHIEVE 90 PERCENT COMPACTION. SEE GEOTECHNICAL REPORT.



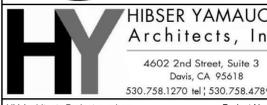
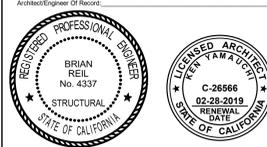
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HY Architects Project number: \_\_\_\_\_ Project Number: \_\_\_\_\_

San Benito County Resource Management Agency  
 1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: **NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **GENERAL NOTES**

Structural Sheet Index	
S1.01	GENERAL NOTES
S1.02	STRUCTURAL INSPECTIONS & TESTING
S1.03	TYPICAL DETAILS
S2.01	FOUNDATION PLAN
S3.01	SECTIONS

Client Project Number:	Sheet
Scale: 1 : 1	
Drawn By: Author	
Checked By: Checker	
Issue Date: Issue Date	
Revit Version:	Sheet of

**S1.01**



IF THIS SHEET IS NOT 30"x42", IT IS A REDUCED PRINT SCALE ACCORDINGLY

# STRUCTURAL SPECIAL INSPECTIONS AND TESTING

APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE

## STATEMENT OF STRUCTURAL SPECIAL INSPECTIONS AND TESTING

- SPECIAL INSPECTIONS AND TESTING SHALL BE PROVIDED BY A TESTING AND INSPECTION AGENCY EMPLOYED BY THE OWNER (OR OWNER'S AUTHORIZED AGENT), AND APPROVED BY THE BUILDING OFFICIAL TO PROVIDE SPECIAL INSPECTIONS AND TESTING FOR THE PARTICULAR TYPE OF CONSTRUCTION.
- TABLES OF SPECIAL INSPECTIONS AND TESTING ARE DERIVED FROM THE STRUCTURAL PROVISIONS OF THE CBC AND REFERENCED STANDARDS AND ARE FOR REFERENCE ONLY. THE INCLUDED TABLES ARE PROVIDED FOR THE CONVENIENCE OF THE OWNER, TESTING AGENCY AND CONTRACTOR IN DEVELOPING THE SCOPE OF WORK FOR REQUIRED TESTING AND INSPECTION OF STRUCTURAL MATERIALS AND COMPONENTS. FINAL DEFINITION OF THIS SCOPE OF WORK IS TO BE DETERMINED BY THE TESTING AGENCY AND THE OWNER (OR OWNER'S AUTHORIZED AGENT).
- FREQUENCY OF SPECIAL INSPECTIONS AND TESTING SHALL BE, AT A MINIMUM, AS NOTED FOR THE INDIVIDUAL ELEMENTS WITHIN THE TABLES BELOW. THE CONTRACTOR SHALL COORDINATE TIMING OF SPECIAL INSPECTIONS AND TESTING WITH THE SPECIAL INSPECTION AND TESTING AGENCY.
- PRIOR TO THE START OF CONSTRUCTION, THE TESTING AND INSPECTION AGENCY SHALL PROVIDE DOCUMENTATION TO THE BUILDING OFFICIAL DEMONSTRATING COMPETENCE AND RELEVANT EXPERIENCE OR TRAINING OF THE SPECIAL INSPECTORS WHO WILL PERFORM THE SPECIAL INSPECTIONS AND TESTS DURING CONSTRUCTION, IN ACCORDANCE WITH CBC SECTION 1704A.2.1.
- THE TESTING AND INSPECTION AGENCY SHALL SUBMIT REPORTS OF SPECIAL INSPECTIONS AND TESTS TO THE BUILDING OFFICIAL, STRUCTURAL ENGINEER OF RECORD AND THE CONTRACTOR, PER CBC SECTION 1704A.2.4. THE REPORTS SHALL INDICATE WHETHER WORK INSPECTED OR TESTED CONFORMED TO THE APPROVED CONSTRUCTION DOCUMENTS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF DISCREPANCIES ARE NOT CORRECTED, THEY SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE STRUCTURAL ENGINEER OF RECORD.
- SPECIAL INSPECTION AND TESTING RECORDS SHALL BE RETAINED BY THE CONTRACTOR ON SITE UNTIL COMPLETION OF CONSTRUCTION.
- THE CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT TO THE BUILDING OFFICIAL ACKNOWLEDGING RESPONSIBILITY FOR CONSTRUCTION OF THE MAIN LATERAL-FORCE RESISTING SYSTEM PRIOR TO COMMENCEMENT OF THAT WORK AS REQUIRED BY CBC SECTION 1704A.4.
- THE OWNER OR THE OWNER'S AUTHORIZED AGENT SHALL SUBMIT TO THE BUILDING OFFICIAL, A FINAL REPORT DOCUMENTING SPECIAL INSPECTIONS AND TESTS PER CBC SECTION 1704A.2.4, AND REPORTS AND CERTIFICATES PER CBC SECTION 1704A.5.
- ALL SOILS AND FOUNDATION EXCAVATION INSPECTIONS SHALL BE BY THE GEOTECHNICAL ENGINEER OF RECORD, OR A GEOTECHNICAL FIRM HIRED BY THE OWNER PER CBC SECTION 1705A.6.
- SPECIAL INSPECTION IS REQUIRED FOR ALL SHOP FABRICATED MEMBERS OR ASSEMBLIES UNLESS WAIVED PER THE EXCEPTIONS IN CBC SECTION 1704A.2.5.
- DEFINITIONS:
  - CONTINUOUS - SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS CONTINUOUSLY PRESENT WHEN AND WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED.
  - PERIODIC - SPECIAL INSPECTION BY THE SPECIAL INSPECTOR WHO IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED.
  - QUALITY ASSURANCE (QA) - MONITORING AND INSPECTION TASKS PERFORMED BY AN AGENCY OR FIRM OTHER THAN THE FABRICATOR OR ERECTOR TO ENSURE THAT THE MATERIAL PROVIDED AND WORK PERFORMED BY THE FABRICATOR AND ERECTOR MEET THE REQUIREMENTS OF THE APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. QUALITY ASSURANCE INCLUDES THOSE TASKS DESIGNATED 'SPECIAL INSPECTION' BY THE APPLICABLE CODE.
  - QUALITY CONTROL (QC) - CONTROLS AND INSPECTIONS IMPLEMENTED BY THE FABRICATOR OR ERECTOR, AS APPLICABLE, TO ENSURE THAT THE MATERIAL PROVIDED AND WORK PERFORMED MEET THE REQUIREMENTS OF THE APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS.
  - OBSERVE (O) - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
  - PERFORM (P) - PERFORM THOSE TASKS PRIOR TO FINAL ACCEPTANCE FOR EACH ITEM OR ELEMENT.
  - DOCUMENT (D) - THE INSPECTOR SHALL PREPARE REPORTS INDICATING THAT THE WORK HAS BEEN PERFORMED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE REPORT NEED NOT PROVIDE DETAILED MEASUREMENTS FOR JOINT FIT-UP, WPS SETTINGS, COMPLETED WELDS, OR OTHER INDIVIDUAL ITEMS LISTED IN THE TABLES. FOR SHOP FABRICATION, THE REPORT SHALL INDICATE THE PIECE MARK OF THE PIECE INSPECTED. FOR FIELD WORK, THE REPORT SHALL INDICATE THE REFERENCE GRID LINES AND FLOOR OR ELEVATION INSPECTED. WORK NOT IN COMPLIANCE WITH THE CONTRACT DOCUMENTS AND WHETHER THE NONCOMPLIANCE HAS BEEN SATISFACTORILY REPAIRED SHALL BE NOTED IN THE INSPECTION REPORT.
- SPECIAL INSPECTIONS AND TESTING SHALL BE PERFORMED DURING CONSTRUCTION ON THE WORK SHOWN IN THE CONSTRUCTION DOCUMENTS AS REQUIRED BY CBC CHAPTER 17A. THE TABLES LISTED BELOW, AND THE JURISDICTION'S SPECIAL INSPECTION AND TESTING FORM. IF DISCREPANCIES ARE NOTED, CONTACT THE SEQR. ALL EXCEPTIONS INCLUDED IN CBC CHAPTER 17A ARE PERMITTED TO BE USED.
  - SOILS
  - CONCRETE CONSTRUCTION
- SOILS - REQUIREMENTS BY GEOTECHNICAL ENGINEER
  - AT MINIMUM, THE FOLLOWING SHOULD BE PROVIDED BY THE GEOTECHNICAL ENGINEER:
    - REVIEW OF FINAL GRADING AND FOUNDATION PLANS
    - PROFESSIONAL OBSERVATION DURING SITE PREPARATION, GRADING AND FOUNDATION EXCAVATION
    - OVERSIGHT OF SOIL COMPACTION TESTING DURING GRADING
    - OVERSIGHT OF SOIL SPECIAL INSPECTION DURING GRADING

## CONCRETE CONSTRUCTION - REQUIRED SPECIAL INSPECTIONS AND TESTS

CBC TABLE 1705A.3  
170720a-1

TYPE	CONTINUOUS	PERIODIC	REFERENCED STANDARD
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	X	ACI 318 CH. 20, 25.2, 25.3, 26.5.1-26.5.3
2. REINFORCING BAR WELDING:			AWS D 14 ACI 318: 26.5.4
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	-	X	
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"	-	X	
C. INSPECT ALL OTHER WELDS	X	-	
3. INSPECT ANCHORS CAST IN CONCRETE.	X	-	ACI 318: 17.8.2
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. B/C			ACI 318: 17.8.2.4, 17.8.2
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	-	
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	-	X	
5. VERIFY USE OF REQUIRED DESIGN MIX.	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	-	ASTM C172 ASTM C31 ACI 318: 26.4.5, 26.12
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	-	X	ACI 318: 26.4.5
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	X	ACI 318: 26.5.3
9. INSPECT PRESTRESSED CONCRETE FOR:			ACI 318: 26.10
A. APPLICATION OF PRESTRESSING FORCES	-	X	
B. GROUTING OF BONDED PRESTRESSING TENDONS.	-	X	
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	X	ACI 318: CH. 26.9
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	X	ACI 318: 26.10.2
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	-	X	ACI 318: 26.11
13. BATCH PLANT - QUALITY AND QUANTITY OF MATERIALS USED IN TRANSIT-MIXED CONCRETE AND BATCHED AGGREGATES, AT LOCATION WHERE MATERIALS ARE MEASURED.	X	-	

- WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
- SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPROVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO COMMENCEMENT OF THE WORK.
- INSTALLATION OF ALL ADHESIVE ANCHORS IN HORIZONTAL AND UPWARDLY INCLINED POSITIONS SHALL BE PERFORMED BY AN ACQUISIT CERTIFIED ADHESIVE ANCHOR INSTALLER, EXCEPT WHERE THE FACTORED DESIGN TENSION ON THE ANCHORS IS LESS THAN 100 LBS AND THOSE ANCHORS ARE CLEARLY NOTED ON THE APPROVED CONSTRUCTION DOCUMENTS OR WHERE THE ANCHORS ARE SHEAR DOWELS ACROSS COLD JOINTS IN SLABS ON GRADE WHERE THE SLAB IS NOT PART OF THE LATERAL FORCE-RESISTING SYSTEM.
- SEE 1705A.3.3 FOR WAIVER/EXCEPTIONS.

## SOILS - REQUIRED SPECIAL INSPECTIONS AND TESTS

CBC TABLE 1705A.6  
170720a-1

TYPE	CONTINUOUS	PERIODIC
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X

## SOILS - REQUIRED SPECIAL INSPECTIONS AND TESTS

CBC TABLE 1705.6 & 1705.8

TYPE	CONTINUOUS	PERIODIC
1. SCARIFICATION AND RECOMPACTION	X	-
2. FILL PLACEMENT AND COMPACTION	X	-
3. FOUNDATION PIER DRILLING	X	-
4. OVER-EXCAVATION TO THE RECOMMENDED DEPTH	X	-
5. SITE PREPARATION	-	X
6. COMPACTION OF UTILITY TRENCH BACKFILL	-	X
7. REMOVAL OF EXISTING DEVELOPMENT FEATURES	-	X
8. COMPACTION OF SUBGRADE AND AGGREGATE BASE	-	X
9. OBSERVATION OF FOUNDATION EXCAVATIONS	-	X
10. BUILDING PAD MOISTURE CONDITIONING	-	X



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HY Architects Project number: Project Number

Facility  
SAN BENITO COUNTY RESOURCE MANAGEMENT AGENCY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project  
NEW BEHAVIORAL HEALTH CENTER

Sheet Title  
STRUCTURAL SPECIAL INSPECTIONS & TESTING

Client Project Number:	Sheet
Scale: 1 : 1	Drawn By: Author
Checked By: Checker	Issue Date: Issue Date
Revit Version:	Sheet of

**S1.02**

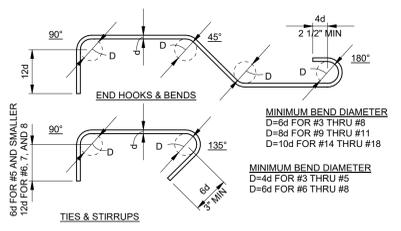


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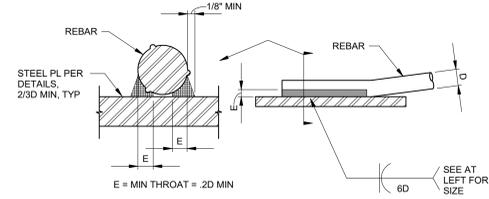
## TYPICAL DETAILS

APPLICABLE TO ALL DRAWINGS UNLESS NOTED OR SHOWN OTHERWISE



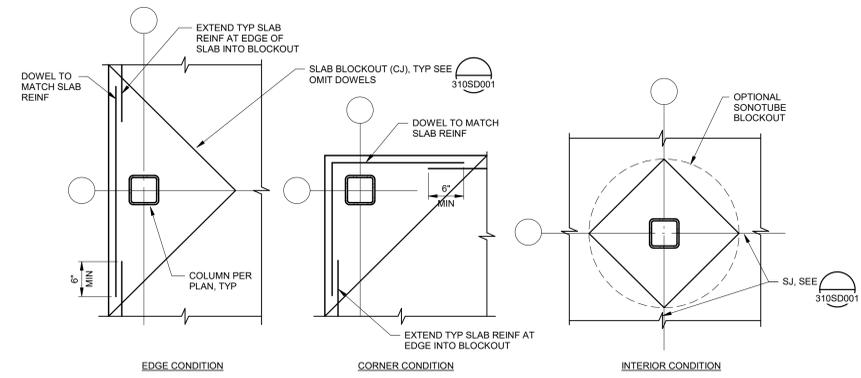
NOTE: ALL HOOKS SHALL BE 90° OR 180° STANDARD HOOKS UNLESS OTHERWISE SHOWN OR NOTED.

**STANDARD REBAR HOOKS AND BENDS** 1 **\$1.03**



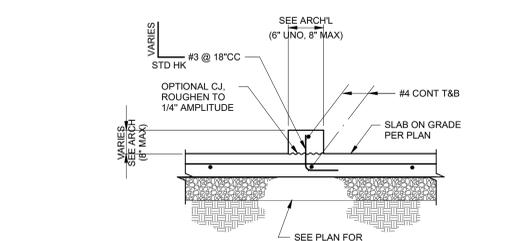
NOTE:  
 1. REINFORCING TO BE WELDED, EXCEPT ASTM A706, SHALL CONFORM TO THE MATERIAL PROPERTY REQUIREMENTS OF ANSII/AWS D1.4, NEWEST EDITION.  
 2. ALL PREHEATING AND WELDING SHALL BE DONE IN ACCORDANCE WITH ANSII/AWS D1.4, NEWEST EDITION.  
 3. ALL WELDING SHALL BE CONTINUOUSLY INSPECTED BY A QUALIFIED LABORATORY.

**REBAR WELDING** 2 **\$1.03**

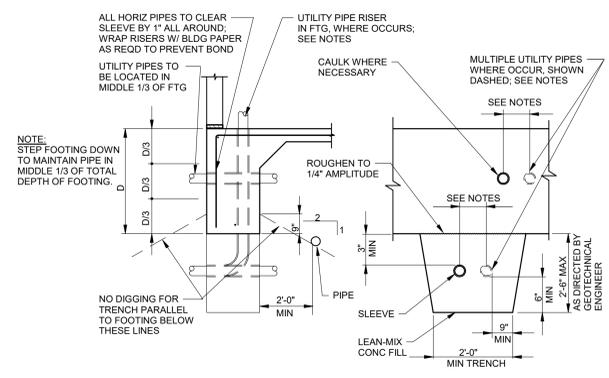


NOTE:  
 1. SLAB BLOCKOUT SHALL NOT EXTEND BEYOND FOOTING.  
 2. AT EXPOSED CONCRETE CONDITIONS, COORDINATE BLOCKOUT SHAPE AND SIZE W/ ARCH DWGS.

**SLAB BLOCKOUT** 3 **\$1.03**

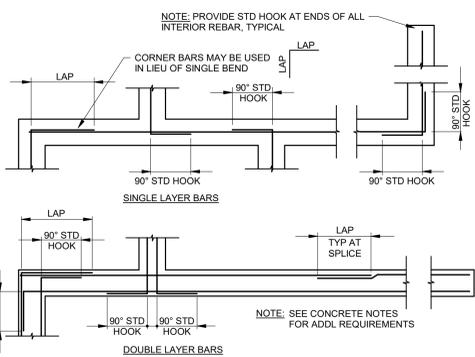


**CURB AT SLAB ON GRADE** 4 **\$1.03**

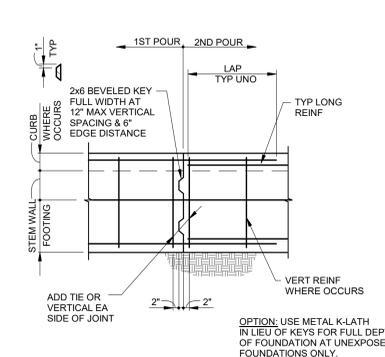


NOTE:  
 1. THE PROVISIONS HEREIN ARE APPLICABLE TO CONTINUOUS FOOTINGS AND GRADE BEAMS.  
 2. NO PIPES SHALL BE PLACED BELOW ISOLATED SPREAD FOOTINGS OR WITHIN 2 TO 1 BEARING ZONE AROUND SPREAD FOOTINGS.  
 3. REINFORCING SHALL NOT BE INTERRUPTED, CUT OR DISPLACED BY PLACEMENT OF UTILITY PIPE.  
 4. LEAN MIX CONCRETE FILL TO BE PLACED BEFORE FOOTING IS CAST (MONO-POUR FOOTING CONC. OPTIONAL). MAKE SAME WIDTH AS FOOTING AND FULL WIDTH OF PIPE TRENCH.  
 5. STEP FOOTING IF PIPE OCCURS IN LOWER THIRD OF ORIGINAL FOOTING DEPTH.  
 6. IF PIPE IS IN PLACE PRIOR TO CASTING CONCRETE, WRAP PIPE W/ 1\"/>

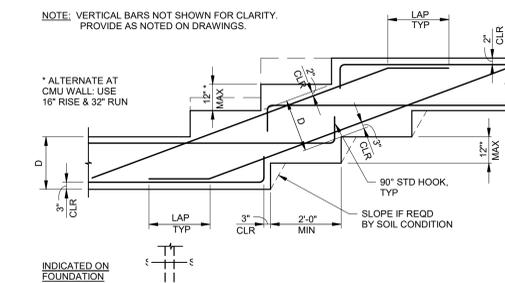
**CONCRETE FOOTINGS AT UTILITY PIPES AND CONDUIT** 5 **\$1.03**



**CORNER REINFORCING AT CONCRETE FTGS** 6 **\$1.03**



**TYPICAL FOUNDATION CONSTRUCTION JOINT** 7 **\$1.03**



**TYPICAL FOOTING STEP** 8 **\$1.03**

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LICENSED ARCHITECT  
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HY Architects Project number: \_\_\_\_\_ Project Number: \_\_\_\_\_  
 Facility: \_\_\_\_\_

SAN BENITO COUNTY RESOURCE MANAGEMENT AGENCY  
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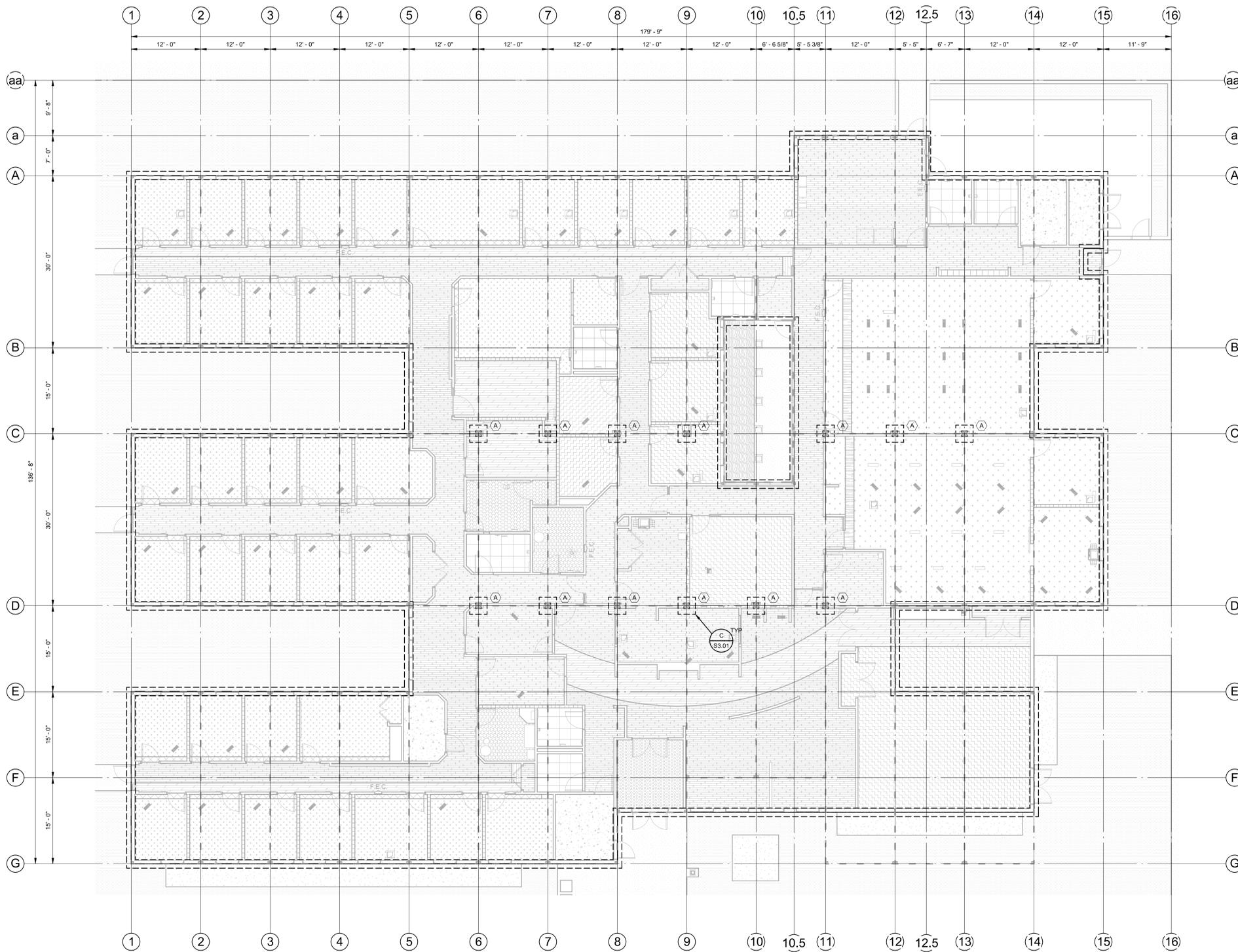
Project: **NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **TYPICAL DETAILS**

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FOUNDATION PLAN — 1/8" = 1'-0"



FOUNDATION PLAN NOTES

- FOUNDATION SHOWN FOR THE SUPPORT OF A ONE-STORY MODULE BUILDING.
- SEE SHEETS S1.01 & S1.02 FOR GENERAL NOTES & TYPICAL DETAILS.
- CONTRACTOR TO VERIFY ALL BUILDING DIMENSIONS W/ ARCH DRAWINGS AND DRAWINGS PER MODULAR BUILDING MANUFACTURER. NOTIFY THE ARCHITECT IMMEDIATELY IF THERE ARE ANY CONFLICTS WITH THE DIMENSION SHOWN.
- ALL DIMENSIONS SHOWN ARE TO OUTSIDE FACE OF WALL OR CENTER OF FTG UNO.

FOOTING SCHEDULE		
Mk	SIZE	REINFORCING
A	3'-0" x 3'-0" x 1'-6" DEEP	4-#5 EW (B)

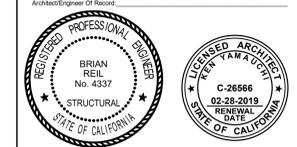
- CLEAR DIMENSION OF 3" BOTTOM AND 2" TOP FROM REBAR TO EDGE OF FTG TYP.
- FOOTING DESIGN IS PRELIMINARY PRIOR TO MODULAR BLDG SHOP DRAWING SUBMITTAL. COORDINATE BLDG ANCHORAGE REQUIREMENTS W/ MFR. SEOR TO REVIEW PRIOR TO CONSTRUCTION.

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Project  
**NEW BEHAVIORAL HEALTH  
CENTER**

Sheet Title  
**FOUNDATION PLAN**

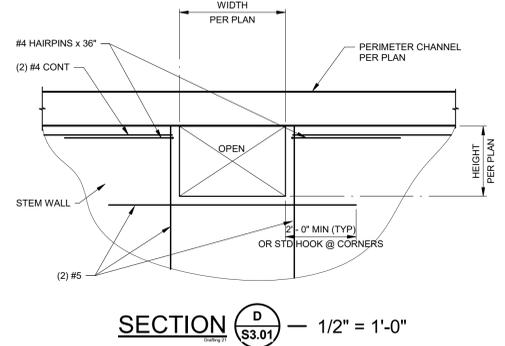
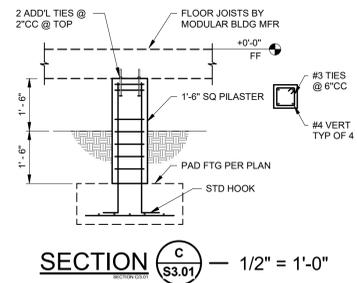
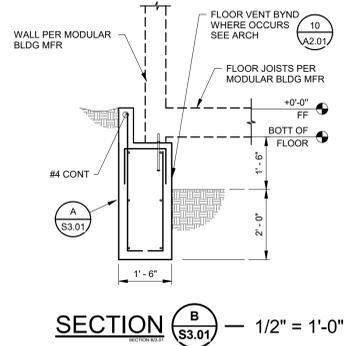
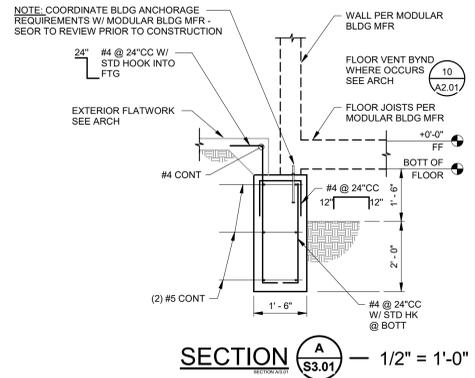
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**MECHANICAL EQUIPMENT SCHEDULE**

CODE	DESCRIPTION	LOCATION	CAPACITY	CFM	SP (in)	MCA	ELECT V/PH	CONTROL	WEIGHT (LBS)	HEIGHT (IN)	PART NO.	MFG	REMARKS
AC-1	ROOF TOP UNIT	ROOF	65240			42	208-230/3	T-STAT	1291		YHC092F3RMA	TRANE	
AC-2	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	
AC-3	ROOF TOP UNIT	ROOF	35600			23	208-230/460/3	T-STAT	580		MPS-004	DAIKIN	
AC-4	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	
AC-5	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	
AC-6	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	
AC-7	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	
AC-8	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	
AC-9	ROOF TOP UNIT	ROOF	53900			37	208-230/460/3	T-STAT	965		MPS-006	DAIKIN	
AC-10	ROOF TOP UNIT	ROOF	26200			19	208-230/460/3	T-STAT	543		MPS-003	DAIKIN	

**INDOOR VRF EQUIPMENT**

CODE	DESCRIPTION	SERVES	RATED COOLING CAPACITY (BTU/H)	CFM	SP (in)	CFM OSA	MCA	MOCP	ELECT V/PH	CONTROL	WEIGHT (LBS)	SIZE LxHxW (INCH)	PART NO.	MFG	REMARKS
IU-1	MINI SPLIT	IT CLOSET	24000	-	-	-	20	30	208-230/1	-	47.4	47 x 11 x 13	4MXW2724A10N	TRANE	

**VRF OUTDOOR EQUIPMENT**

CODE	MFR.	MODEL	ELECT V/PH	MCA (A)	MOCP (A)	SEER (A)	WT. (LBS)	MOUNT DETAIL	REFR	PIPING	SIZE (IN)	EQUIP. SERVED	REMARKS
OU-1	TRANE	4TXK2724A10N	208/230/1	20	30	21	166	-	-	-	-	IU-1	

**EXHAUST FAN SCHEDULE**

CODE	MFR	MODEL	CFM	ESP (in)	RPM	BHP	MOTOR HP	V/PH	HT. W/O ISOLATORS	WEIGHT (LBS)	AREAS SERVED	SONES	COMMENTS
EF-1	GREENHECK	G-103-C	500	0.25	860	0.04	1/8	115/1		43	MULTIPLE	3.2	
EF-2	GREENHECK	G-098-VG	210	0.25	815	0.02	1/4	115/1		37	MULTIPLE	3.1	

**GRILLES & REGISTERS**

CODE	DESCRIPTION	LOCATION	SIZE	MAX CFM	MAX SP	DUCT SIZE	BLADE SPACING	BLADE DEFLECTION	MTG (LBS)	PN	MFR	REMARKS
SD-1	DIFFUSER	MULTIPLE	24" x 24"						LAY-IN	PAS	TITUS	
RG-1	GRILLE	MULTIPLE	24" x 24"						LAY-IN	PAR	TITUS	
EG-1	GRILLE	MULTIPLE	8" x 8"						LAY-IN	50F	TITUS	
EG-2	GRILLE	MULTIPLE	6" x 6"						LAY-IN	50F	TITUS	

**GENERAL MECHANICAL NOTES**

- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2016 CALIFORNIA MECHANICAL CODE, CALIFORNIA PLUMBING CODE, CALIFORNIA BUILDING CODE, NATIONAL FIRE PROTECTION CODES, AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24.
- LOCATIONS OF ALL CEILING DIFFUSERS, REGISTERS AND GRILLES ARE DETAILED ON THE ARCHITECTURAL REFLECTIVE CEILING PLAN AND ROOM ELEVATIONS.
- LOCATION OF ALL ROOF OPENINGS AND THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT SUPPORTS ARE DETAILED ON THE STRUCTURAL AND ARCHITECTURAL PLANS.
- PLATFORMS, CURBS AND FLASHING FOR EQUIPMENT SHALL BE AS INDICATED ON THE STRUCTURAL AND ARCHITECTURAL PLANS. COORDINATE THE EXACT SIZES OF REQUIRED OPENINGS AND SUPPORT FOR THE FURNISHED EQUIPMENT.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL FITTINGS, TRANSITIONS, DAMPERS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- ALL DUCTWORK SHALL BE CONSTRUCTED, ERECTED AND TESTED IN ACCORDANCE WITH THE APPLICABLE SMACNA STANDARDS.
- DUCTWORK SHALL BE INSTALLED WITH 1" FIBERGLASS INSULATION AND ALL SERVICE JACKET. PROVIDE 1" ACOUSTICAL LINER WHERE SHOWN ON PLANS. DUCT DIMENSIONS ON PLANS ARE NET CLEAR INTERIOR. MANUAL DAMPERS SHALL BE PROVIDED IN ALL DUCT BRANCHES TO INDIVIDUAL DIFFUSERS, GRILLES AND REGISTERS.
- ALL EQUIPMENT, DUCTS, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.
- PIPES AND DUCTWORK SHALL BE SUPPORTED AND BRACED PER SMACNA GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS.
- EXPOSED PIPING ALLOWED ONLY WHERE INDICATED. PROVIDE ESCUTCHEONS IN FINISHED AREAS.
- PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR EQUIPMENT PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATION. REFER TO STRUCTURAL DRAWINGS FOR LOCATIONS OF EQUIPMENT.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL AS PRESCRIBED IN IBC STANDARD 712.
- REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.
- FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36. BOLTS SHALL CONFORM TO ASTM A-307. FABRICATION, ERECTION, WELDING AND PAINTING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION SPECIFICATIONS. ALL STEEL EXPOSED TO WEATHER SHALL BE GALVANIZED.
- ATTACHMENTS OF EQUIPMENT WEIGHING LESS THAN 400 LBS. AND SUPPORTED DIRECTLY FROM THE FLOOR OR ROOF STRUCTURE, FURNITURE OR TEMPORARY OR MOVABLE EQUIPMENT WEIGHING LESS THAN 20 LBS. THAT IS SUPPORTED BY VIBRATION ISOLATOR DEVICES SUSPENDED FROM THE ROOF, WALL OR FLOOR NEED TO BE DETAILED ON THE PLANS (CONFORM TO TITLE 24, PART 2, SECTION 7.125 EXCEPTION). HOWEVER, SUCH EQUIPMENT MUST BE SUPPORTED AND ANCHORED TO RESIST THE FORCES PRESCRIBED PER ASCE-7, CHAPTER 13 AS MODIFIED BY CBC 1613A/1614A AND THE ANCHORAGE SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD AND OSHPD. THE INSPECTOR OF RECORD SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.
- DUCTWORK VISIBLE THROUGH DIFFUSERS AND REGISTERS SHALL BE PAINTED FLAT BLACK.
- INSULATION MATERIAL SHALL MEET THE STATE QUALITY STANDARD PER SECTION 118 ENERGY EFFICIENCY STANDARDS (E.E.S.)
- DOORS AND WINDOWS SHALL MEET THE MINIMUM INFILTRATION REQUIREMENTS PER SECTION 118 E.E.S.
- ALL PIPING AND DUCTWORK SHALL BE INSULATED CONSISTENT WITH THE REQUIREMENTS OF SECTION 118, 123, 124 E.E.S. AND TABLE 6-4 OF MECHANICAL CODE.
- ALL HVAC SYSTEMS SHALL MEET THE CONTROL REQUIREMENTS PER SECTIONS 112 AND 122 E.E.S.
- ALL HVAC EQUIPMENT AND APPLIANCES SHALL MEET THE REQUIREMENTS OF SECTIONS 111-113, 115, AND 120-129 E.E.S.

**SYMBOLS & ABBREVIATIONS (MECHANICAL)**

	BT	BYPASS TIMER	EC	ELECTRICAL CONTRACTOR
	CL	CENTER LINE	EDB	ENTERING DRY BULB
	CD	CONDENSATE DRAIN	EOD	EXTENT OF DEMOLITION
	Ø	DIAMETER	EWB	ENTERING WET BULB
		EXHAUST, RETURN, SUPPLY AIR DUCT (EXISTING)	EWT	ENTERING WATER TEMPERATURE
		EXHAUST, RETURN, SUPPLY AIR DUCT (NEW)	°F	DEGREES FAHRENHEIT
		EXTENT OF DEMOLITION	FC	FLEXIBLE CONNECTION
		EXHAUST DUCT UP, DOWN, PENE & DEMO FIRE/SMOKE DAMPER	FD	FIRE DAMPER
		POINT OF CONNECTION	FLA	FULL LOAD AMPS
		P/T PLUG	FSD	FIRE SMOKE DAMPER
		RETURN OR EXHAUST AIR	FT.HD.	FEET HEAD
		RETURN DUCT UP, DOWN, PENE & DEMO SPEED CONTROL SWITCH	FTR	FLUE THRU ROOF
		SPIN-IN EXTRACTOR/DAMPER	GC	GENERAL CONTRACTOR
		SUPPLY DUCT UP, DOWN, PENE & DEMO SUPPLY OR OUTSIDE AIR	GPM	GALLONS PER MINUTE
		THERMOSTAT at + 48°	HP	HORSE POWER
		TO BE REMOVED	KW	KILOWATTS
		TRANSFER AIR	LBS	POUNDS
		TURNING VANES	LWT	LEAVING WATER TEMPERATURE
		VOLUME DAMPER	MBH	1,000 BTU/HR
	AD	ACCESS DOOR	MC	MECHANICAL CONTRACTOR
	AFF	ABOVE FINISH FLOOR	(N)	NEW
	AL	ACOUSTICALLY LINED	NIC	NOT IN CONTRACT
	AP	ACCESS PANEL	NTS	NOT TO SCALE
	BD	BALANCING DAMPER	OBD	OPPOSED BLADE DAMPER
	BDD	BACKDRAFT DAMPER	OSA	OUTSIDE AIR
	BHP	BRAKE HORSE POWER	PC	PLUMBING CONTRACTOR
	BJ	BETWEEN JOIST	PENE	PENETRATION
	BTU	BRITISH THERMAL UNIT	PD	PRESSURE DROP
	C	CONDUIT	PH	PHASE
	CA	COMBUSTION AIR	POC	POINT OF CONNECTION
	CD	CONDENSATE DRAIN	P/N	PART NUMBER
	CFM	CUBIC FEET PER MINUTE	PRV	PRESSURE REDUCING VALVE
	DEMO	DEMOLITION	PSI	POUNDS PER SQUARE INCH
	DL	DOOR LOUVER	P/T	PRESSURE / TEMPERATURE
	(E)	EXISTING	RA	RETURN AIR
	EAD	EXHAUST AIR DUCT	RAD	RETURN AIR DUCT
			(RL)	RELOCATE
			RPM	REVOLUTIONS PER MINUTE
			SA	SUPPLY AIR
			SAD	SUPPLY AIR DUCT
			SD	SUPPLY DIFFUSER
			SP	STATIC PRESSURE
			SS	STAINLESS STEEL
			STD	STANDARD
			TV	TURNING VANES
			TYP	TYPICAL
			UCD	UNDERCUT DOOR
			UON	UNLESS OTHERWISE NOTED
			V	VOLT
			VD	VOLUME DAMPER
			W/	WITH
			WC	WATER COLUMN
			WT	WEIGHT
			W/O	WITH OUT
			VIF	VERIFY IN FIELD

**DRAWING INDEX**

DWG #	DRAWING DESCRIPTION
M0.1	MECHANICAL - TITLE SHEET
M2.1	MECHANICAL - FLOOR PLAN
M4.1	MECHANICAL - ROOF PLAN
M5.1	MECHANICAL - DETAILS



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HY Architects Project number: Project Number

Facility  
Owner  
SAN BENITO COUNTY RESOURCE MANAGEMENT AGENCY 1131 SAN FELIPE RD, HOLLISTER, CA 95023  
Project

**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**MECHANICAL - TITLE SHEET**

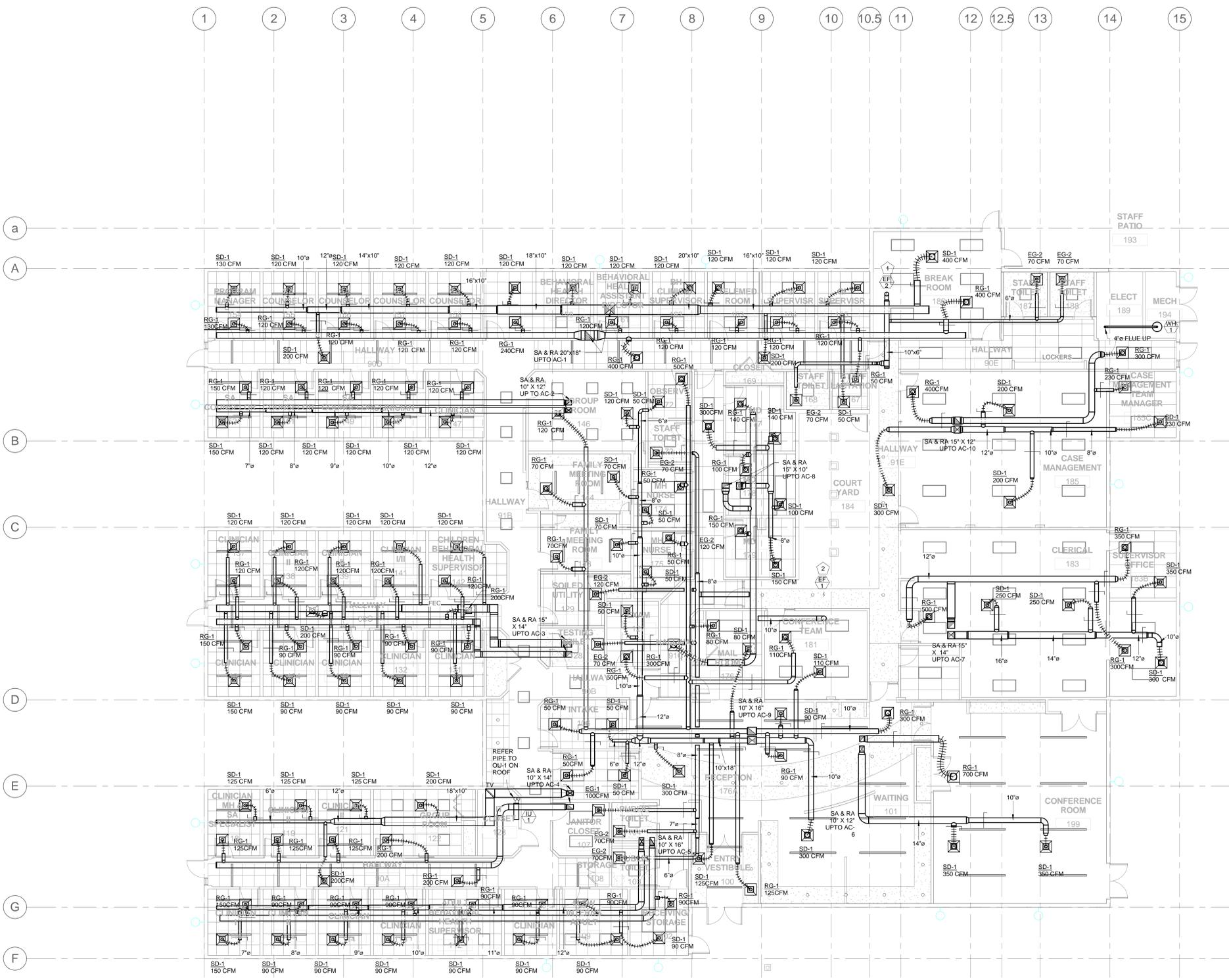
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 Project

**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**MECHANICAL - FLOOR PLAN**

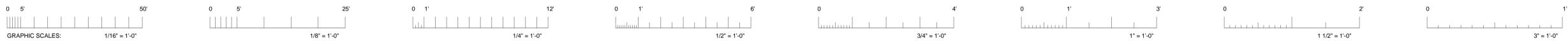
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**MECHANICAL - FLOOR PLAN**  
 1/8" = 1'-0"



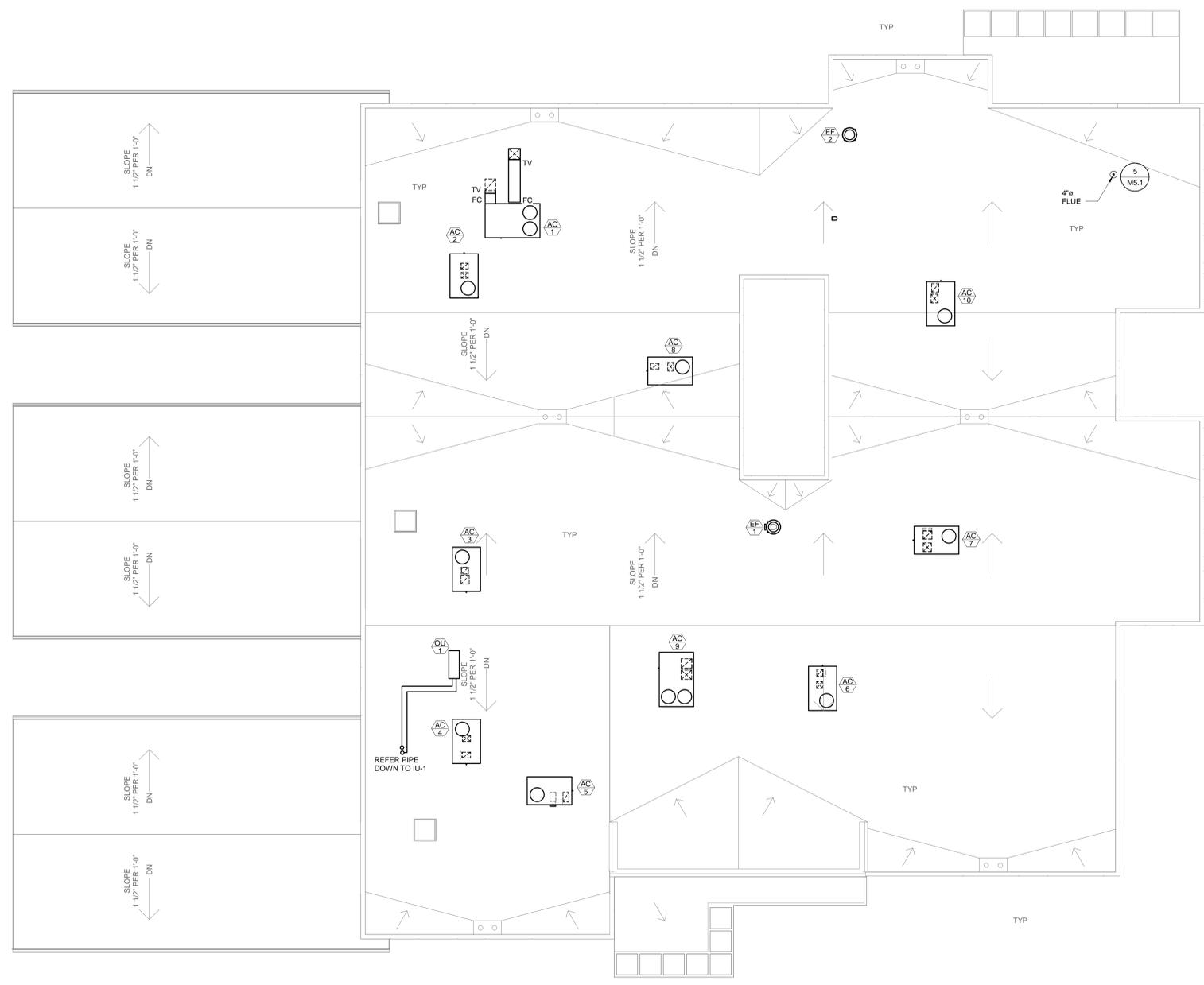
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 Facility: \_\_\_\_\_  
 Owner: SAN BENITO COUNTRY RESOURCE MANAGEMENT AGENCY 1131 SAN FELIPE RD. HOLLISTER, CA 95023  
 Project: NEW BEHAVIORAL HEALTH CENTER

Sheet Title: **MECHANICAL - ROOF PLAN**

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**1 MECHANICAL - ROOF PLAN**  
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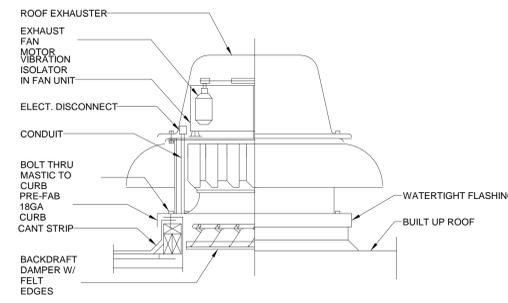
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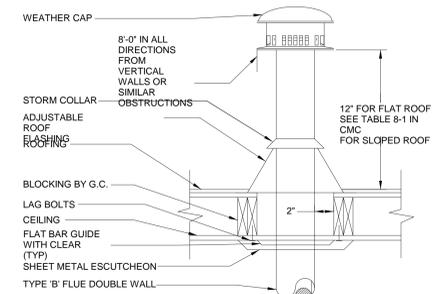
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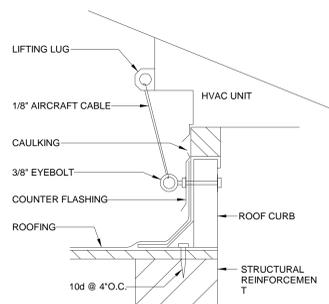
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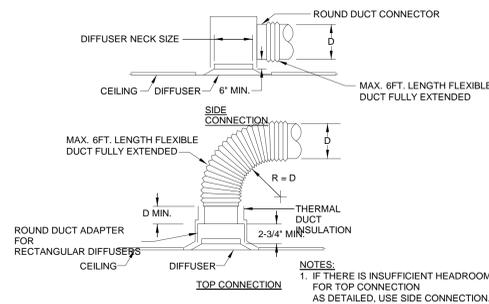
6 ROOFTOP EXHAUST FAN  
M5.1 NO SCALE



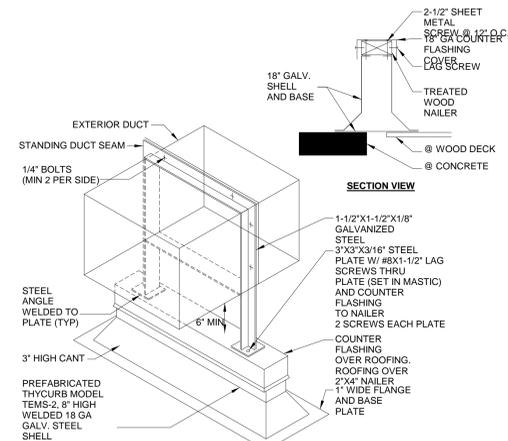
5 FLUE THRU ROOF DETAIL  
M5.1 NONE



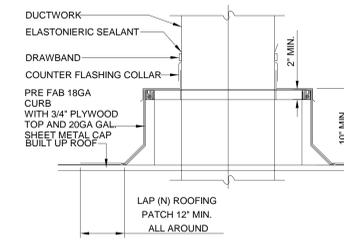
4 ROOF CURB DETAIL  
M5.1



3 CEILING DIFFUSER INSTALLATON  
M5.1 NO SCALE



2 DUCT SUPPORT DETAIL  
M5.1 NO SCALE



1 DUCT THRU ROOF DETAIL  
M5.1 NO SCALE

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Owner:  
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MANAGEMENT AGENCY 1131 SAN FELIPE  
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**NEW BEHAVIORAL HEALTH  
CENTER**

Sheet Title  
**MECHANICAL - DETAILS**

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**GAS WATER HEATER SCHEDULE**

SYMBOL	LOCATION	GALLON CAPACITY	MBH INPUT	ELECT KW	ELECTRICAL INFO			RECOVERY @ 80°F RISE	FLUE OUTLET	MANUFACTURER		REMARKS
					V	PHASE	HZ			MAKE	MODEL	
WH-1	ROOM# 227	60	120	-	120	1	60	172 GPH	3"	A.O. SMITH	BTH-120	1, 2, 3

- 1,960 LBS FILLED.
3. DIMENSIONS - 53-1/2" HT x 27-3/4" Ø
- SECURE TO WALL STUDS.

**PUMP SCHEDULE**

SYMBOL	LOCATION	FLOW (GPM)	TDH (FT)	FLA	ELECTRICAL			MANUFACTURER	MODEL	REMARKS
					WATTS	VOLT	PHASE			
CP-1	MECH-194	2	5	0.39	39	120	1	B&G NBF-8SLW	SERIES NBF	1, 2

- 1,170 RPM, 9 LBS WEIGHT.
- INSTALL "DEZURIK" 1/2" AIR RELEASE VALVE ON INLET SIZE OF CIRCULATION PUMP MANIFOLD AT HIGHEST POINT.

**GAS LOAD CALCULATIONS**

EQUIPMENT	DESCRIPTION	MBH (EA)	TOTAL MBH
WH-1	WATER HEATER	120	120
AC-1	ROOF TOP UNIT	125	125
AC-3	ROOF TOP UNIT	135	120
AC-9	ROOF TOP UNIT	150	150
AC-2,AC-4,AC-5,AC-6,AC-7,AC-8,AC-10	ROOF TOP UNIT	120	840
TOTAL MBH:			1,370

1,370 MBH @ 300LF = 3" PIPE  
DEVELOPED LENGTH FROM METER TO FURTHEST CONNECTION = 300 LF  
CONTRACTOR TO COORDINATE WITH CIVIL SITE WORK FOR ROUTING FROM NEW GAS METER SHOWN ON PLAN.

**PLUMBING FIXTURE CONNECTIONS SCHEDULE**

SYMBOL	DESCRIPTION	MINIMUM BRANCH SIZE					TRAP	REMARKS
		WASTE	VENT	CW	HW	G		
WC-1/2	WATER CLOSET	4"	2"	1/2"	-	-	INT.	FLOOR MOUNTED
L-1	LAVATORY	2"	1 1/2"	1/2"	1/2"	-	1 1/4" x 1 1/2"	WALL HUNG
MS-1	MOP SINK	3"	1 1/2"	3/4"	3/4"	-	3"	-
S-1 TO S-3	SINKS	2"	1 1/2"	3/4"	3/4"	-	2"	COUNTER MOUNTED
HB-1	HOSE BIBB	-	-	3/4"	-	-	-	-
FD-1	FLOOR DRAIN	2"	1 1/2"	-	-	-	2"	WITH TRAP PRIMER CONNECTION 1/2"
TP-1	TRAP PRIMER	-	-	1/2"	-	-	-	-
DF-1	DRINKING FOUNTAIN	2"	1 1/2"	1/2"	1/2"	-	2"	-

- USE PIPE SIZE TABLE FOR SIZING ALL BRACHN WATER, WASTE AND VENT PIPES.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHT.
- TRIP LEVER OF THE ADA WATER CLOSET TO BE ON WIDE SIDE OF THE TOILET.
- ALL ADA SINKS AND LAVATORIES MUST BE PIPE INSULATED AS SPECIFIED.

**PLUMBING FIXTURES SPECIFICATIONS**

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
WC-1	FIXTURE: AMERICAN STANDARD #3481.001.020, "MADERA FLOWISE RIGHT HEIGHT ELONGATED", 16-1/2" HIGH TOILET, VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL, SIPHON JET FLUSH ACTION, CONDENSATE CHANNEL, TOILET SEAT NOT INCLUDED. FLUSH VALVE: SLOAN #ROYAL 111-28-CP, ROVAL, POLISHED CHROME FINISH, EXPOSED MANUAL FLUSHOMETER FOR TOP SPUD TOILET, 1.28 US GAL (4.8 L) FACTORY SET FLOW, SEAT:AMERICAN STANDARD #5901.100.020, 'COMMERCIAL', HEAVY DUTY TOILET SEAT, SUPPLY AND STOP: BRASS CRAFT #OR17DL	S-3	FIXTURE: AMERICAN STANDARD #0481.019.020 'RONDALYN' BASIN, WHITE FINISH, SELF-RIMMING / DROP-IN FAUCETS: AMERICAN STANDARD #7500.145.002, 'MONTERREY', TWO HANDLES FAUCET, (0.5GPM) DRAIN: 17 GAUGE BRASS (CHROMED) 'P' TRAP (INSULATED) SUPPLIES AND STOPS: BRASS CRAFT #OR15BA (INSULATED) EMERGENCY EYE WASH GURDIAN #G1806 INSTALL ON RIGHT SIDE MCGUIRE 'PROWRAP' #PW2000 SANITARY COVERING.
WC-2	FIXTURE: AMERICAN STANDARD #3695.001.020, 'PRIOLO FLOWISE RIGHT HEIGHT ELONGATED', 16-1/2" HIGH TOILET, VITREOUS CHINA, FLOOR MOUNTED, ELONGATED BOWL, SIPHON JET FLUSH ACTION, CONDENSATE CHANNEL, TOILET SEAT NOT INCLUDED. FLUSH VALVE: SLOAN #G2 OPTIMA PLUS 8111-1.28-CP, 'G2 OPTIMA PLUS', POLISHED CHROME FINISH, EXPOSED FLUSHOMETER FOR TOP SPUD TOILET, 1.28 US GAL (4.8 L) FACTORY SET FLOW, SEAT:AMERICAN STANDARD #5901.100.020, 'COMMERCIAL', HEAVY DUTY TOILET SEAT, SUPPLY AND STOP: BRASS CRAFT #OR17DL	DF-1	FIXTURE: HAWS #10111 HIGH-LOW BARRIER FREE
L-1	FIXTURE: AMERICAN STANDARD "LUCERNE WALL HUNG" #0356.421 (WHITE) SINGLE HOLE FAUCETS: ZURN #Z8919-XL-CP4-TM-V1 (0.5 GPM) CARRIER: J.R. SMITH #700(SINGLE)OR 710 (DOUBLE) (6" CLEAR INSIDE WALL) DRAIN: 17 GAUGE BRASS (CHROMED) 'P' TRAP (INSULATED) SUPPLIES AND STOPS: BRASS CRAFT #G2CR19X C1 (INSULATED)	HB-1	FIXTURE: ACORN # 8121 WITH VACUUM BREAKER, HOSE VALVE
MS-1	FIXTURE: FIAT #TSBC1610501, 'STOCKTON', SERVICE / MOP SINK. FAUCETS: FIAT #830AA WITH VACUUM BREAKER	FD-1	FIXTURE: J.R. SMITH # 20100-A-4 WITH VANDAL PROOF SCREWS AND TRAP PRIMER CONNECTION # P050
S-1	FIXTURE: FRANK COMMERCIAL #ALBS7306P-1/1, 'COUNTERTOP MOUNT SINK. FAUCETS: AMERICAN STANDARD #4433.410.002, 'QUINCE', SINGLE HANDLE FAUCET (2.2GPM) DRAIN: 17 GAUGE BRASS (CHROMED) 'P' TRAP (INSULATED) SUPPLIES AND STOPS: BRASS CRAFT #OR15BA (INSULATED) MCGUIRE 'PROWRAP' #PW2000 SANITARY COVERING.	RD-1	FIXTURE: J.R. SMITH # 1010Y-CIDG-C
S-2	FIXTURE: JUST (EQUAL BY ELKAY) #SL-2122-A-GR FAUCETS: ZURN #Z8920-XL-CP4-MT WITH 4" TRIM PLATE (0.5 GPM) DRAIN: 17 GAUGE BRASS (CHROMED) 'P' TRAP (INSULATED) SUPPLIES AND STOPS: BRASS CRAFT #OR15BA (INSULATED) MCGUIRE 'PROWRAP' #PW2000 SANITARY COVERING.	OD-1	FIXTURE: J.R. SMITH # 1045Y-CIDG-C

**WATER PIPING SIZING CALCULATION**

METER ADDRESS: \_\_\_\_\_

MINIMUM SUPPLY PRESSURE: 65 PSI

MAXIMUM FLOW RATE BASED ON FIXTURE UNITS: 82 GPM

LENGTH OF PIPE FROM METER TO FARTHEST FIXTURE: 300 FT

WATER PRESSURE CALCULATION:

AVAILABLE PRESSURE: 65 PSI

RESIDUAL PRESSURE: 25 PSI

ELEVATION CHANGE: 10 FT 4 PSI

METER LOSS: 10 PSI

BACKFLOW PREVENTOR LOSS: 10 PSI

PRV LOSS: 0 PSI

MAXIMUM AVAILABLE FRICTION LOSS: 16 PSI

(MAX FRICTION) x 100 / (TOTAL LENGTH) = 5.22 PSI/100FT

WATER SERVICE SIZE: 2-1/2"

**WASTE FIXTURE UNIT CALCULATIONS (DFU)**

QTY	DESCRIPTION	DFU/FIXTURE	TOTAL DFU	REMARKS
7	WATER CLOSET (FV)	8	56	
0	WATER CLOSET (TANK)	4	0	
0	URINAL (FV)	2	0	
7	LAVATORY	2	14	
3	PANTRY SINK	2	6	
0	SHOWER	2	0	
0	KITCHEN SINK	2	0	
0	BATHTUB	2	0	
0	LAUNDRY SINK	2	0	
0	DISHWASHER	2	0	
1	SERVICE SINK	3	3	
1	DRINKING FOUNTAIN	0.5	0.5	
1	FLOOR DRAIN	2	2	
TOTAL:			81.5	

**WATER FIXTURE UNIT CALCULATION (SFU)**

QTY	DESCRIPTION	FU/FIXTURE	DCW FU	DHW FU	REMARKS
7	WATER CLOSET (FV)	-	135	-	SEE CPC TABLE 6-7
0	WATER CLOSET (TANK)	2.5	0	-	
0	URINAL (FV)	-	0	-	SEE CPC TABLE 6-7
7	LAVATORY	1	7	7	
3	PANTRY SINK	2	6	6	
0	SHOWER	2	0	0	
0	KITCHEN SINK	1.5	0	0	
0	BATHTUB	4	0	0	
0	LAUNDRY SINK	1.5	0	0	
0	DISHWASHER	1.5	0	0	
1	SERVICE SINK	3	3	3	
1	DRINKING FOUNTAIN	0.5	0.5	-	
1	HOSE BIBB	2.5	2.5	-	
TOTAL:			154	16	
DEMAND IN GPM:		82			

**DRAWING INDEX**

DWG #	DRAWING DESCRIPTION
P0.1	PLUMBING - TITLE SHEET
P2.1	PLUMBING - FLOOR PLAN (DCW, DHW & GAS)
P2.2	PLUMBING - FLOOR PLAN (WASTE & VENT)
P4.1	PLUMBING - ROOF PLAN
P5.1	PLUMBING - DETAILS

**GENERAL PLUMBING NOTES**

- ENTIRE INSTALLATION SHALL CONFORM TO THE REQUIREMENTS OF THE 2016 CALIFORNIA PLUMBING CODE AND ALL OTHER APPLICABLE CODES AND REGULATIONS, INCLUDING THE 2016 CALIFORNIA ENERGY CONSERVATION STANDARDS OF TITLE 24 AND OSHPD.
- LOCATION OF ALL ROOF OPENINGS AND THE LOCATION OF ALL ROOF MOUNTED EQUIPMENT SUPPORTS ARE DETAILED ON THE STRUCTURAL, MECHANICAL AND ARCHITECTURAL PLANS.
- ALL EQUIPMENT SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE EQUIPMENT MANUFACTURER'S RECOMMENDATIONS AND SHOW AS INDICATED IN MECHANICAL DRAWINGS. PROVIDE ALL FITTINGS, TRANSITIONS, VALVES, AND OTHER DEVICES REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- ALL EQUIPMENT, PIPING, AND OTHER DEVICES AND MATERIALS INSTALLED OUTSIDE THE BUILDING OR OTHERWISE EXPOSED TO THE WEATHER SHALL BE COMPLETELY WEATHERPROOFED.
- PIPES SHALL BE SUPPORTED AND BRACED PER SMACNA "GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL SYSTEMS AND PLUMBING PIPING SYSTEMS."
- COORDINATE PLUMBING SYSTEMS WITH WORK OF OTHER TRADES PRIOR TO ANY FABRICATION OR INSTALLATION. PROVIDE ALL FITTINGS, OFFSETS, AND TRANSITIONS, AS REQUIRED FOR A COMPLETE WORKABLE INSTALLATION.
- EXPOSED PIPING ALLOWED ONLY WHERE INDICATED. PROVIDE ESCUTCHEONS IN FINISHED AREAS, FINISH PER ARCHITECT.
- MAINTENANCE LABEL SHALL BE AFFIXED TO ALL PLUMBING EQUIPMENT.
- PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR EQUIPMENT PROVIDED UNDER OTHER DIVISIONS OF THE SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF EQUIPMENT.
- PENETRATIONS OF RATED ASSEMBLIES SHALL BE FIRE STOPPED BY AN APPROVED MATERIAL, AS PRESCRIBED IN CBC SECTION 714 AND OSHPD FIRE RATED DETAILS.
- REFER TO STRUCTURAL DRAWING FOR LOCATIONS OF BEAMS, SHEAR WALLS AND MEMBERS. ALL DRILLING OF STRUCTURAL BEAMS AND MEMBERS TO BE COORDINATED WITH THE STRUCTURAL ENGINEER. ALL HOLES SHALL BE MINIMUM SIZE AND APPROVED BY STRUCTURAL ENGINEER PRIOR TO DRILLING.
- FIELD VERIFY LOCATION AND SIZE OF ALL EXISTING PIPING, DUCTWORK AND EQUIPMENT PRIOR TO FABRICATION OF ANY NEW WORK.
- ALL WATER CLOSETS CONTROLS SHALL BE ON THE SIDE OF THE FIXTURE AWAY FROM THE WALL.
- ALL FAUCET CONTROLS SHALL BE OPERABLE WITH THE HAND (IF NOT BATTERY OPERATED) AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST.
- PLUMBING CONTRACTOR SHALL PROVIDE CONCRETE INSERTS FOR HANGING PLUMBING EQUIPMENT. COORD. W/ GENERAL CONTRACTOR.

**SYMBOLS & ABBREVIATIONS (PLUMBING)**

	BALANCING COCK	AFCD	ACID FLOOR CLEANOUT
	BALL VALVE	AFD	ACID RESISTANT FLOOR DRAIN
	CAP	AFF	ABOVE FINISH FLOOR
	CHECK VALVE	AGCO	ACID GRADE CLEANOUT
	CLEANOUT	AP	ACCESS PANEL
	COMPRESSED AIR PIPING (E)	AV	ACID VENT
	DEIONIZED WATER (EXISTING)	AVTR	ACID VENT THRU ROOF
	DOMESTIC COLD WATER (EXISTING)	AW	ACID WASTE
	DOMESTIC COLD WATER (NEW)	AWCO	ACID WALL CLEANOUT
	DOMESTIC HOT WATER (EXISTING)	BV	BALL VALVE
	DOMESTIC HOT WATER (NEW)	CA	COMPRESSED AIR PIPING
	DOMESTIC HOT WATER RETURN (EXISTING)	CB	CATCH BASIN
	DOMESTIC HOT WATER RETURN (NEW)	CD	CONDENSATE
	DIRECTION OF FLOW	CFH	CUBIC FEET PER HOUR
	DRY STANDPIPE	CI	CAST IRON
	FLANGED UNION	CP	CHROME PLATED
	FLOOR DRAIN	DCW	DOMESTIC COLD WATER
	FORCE MAIN	DHW	DOMESTIC HOT WATER
	GAS PIPING (EXISTING)	DHWR	DOMESTIC HOT WATER RETURN
	GAS PIPING (NEW)	DCV	DETECTOR CHECK VALVE
	GATE VALVE	DN	DOWN
	GLOBE VALVE	DS	DOWN SPOUT
	HIGH PRESSURE GAS PIPING (EXISTING)	DSP	DRY STAND PIPE
	HIGH PRESSURE GAS PIPING (NEW)	(E)	EXISTING
	LIQUID PETROLEUM GAS PIPING (EXISTING)	EC	ELECTRICAL CONTRACTOR
	LIQUID PETROLEUM GAS PIPING (NEW)	EL	ELEVATION
	OXYGEN PIPING (EXISTING)	(F)	FIRE SPRINKLER PIPING
	OXYGEN PIPING (NEW)	FC	FLEX CONNECTOR
	PETES PLUG	FOO	FLOOR CLEANOUT
	PIPE (ABOVE THE CEILING)	FD	FLOOR DRAIN
	PIPE HANGER	FL	FIRE LINE
	PIPE TURNING UP (RISE)	FM	FORCE MAIN
	PIPE TURNING DOWN (DROP)	FS	FLOOR SINK
	PIPE TEE DOWN	FSC	FIRE SPRINKLER CONTRACTOR
	PRESSURE REDUCING VALVE	GC	GENERAL CONTRACTOR
	T & PRV RELIEF VALVE	GCO	GROUND CLEANOUT
	POINT OF CONNECTION TO EXISTING	GPM	GALLONS PER MINUTE
	RAIN WATER LEADER (EXISTING)	GW	GREASE WASTE
	RAIN WATER LEADER	HB	HOSE BIBB
	REDUCER	HPG	HIGH PRESSURE GAS
	ROOF DRAIN	HWS	HOT WATER SUPPLY
	STORM DRAIN (EXISTING)	IE	INVERT ELEVATION
	STORM DRAIN (NEW)	LAV	LAVATORY
	STRAINER	LPG	LOW PRESSURE GAS
	SUB-SOIL PIPING	MC	MECHANICAL CONTRACTOR
	UNION	NPW	NON POTABLE WATER
	VACUUM PIPING (EXISTING)	(N)	NEW
	VACUUM PIPING (NEW)	OFD	OVERFLOW DRAIN
	VENT PIPING (EXISTING)	O2	OXYGEN
	VENT PIPING (NEW)	PC	PLUMBING CONTRACTOR
	ACID VENT	PV	POST INDICATION VALVE
	WASTE PIPING (EXISTING)	POC	POINT OF CONNECTION
	(N) WASTE PIPING (ABOVE FLOOR)	POD	POINT OF DEMOLITION
	WASTE PIPING UNDERGROUND (NEW)	PP	PETES PLUG
	GREASE WASTE (EXISTING)	PRV	PRESSURE REDUCING VALVE
	GREASE WASTE (NEW)	PVC	POLYVINYL CHLORIDE PIPE
	WET STANDPIPE (EXISTING)	RD	ROOF DRAIN
	WET STANDPIPE (NEW)	RBP	REDUCED PRESSURE
	WATER HAMMER ARRESTOR (WHA)	RWFL	RAIN WATER LEADER
	TRAP PRIMER (TP)	SD	STORM DRAIN
		SDCW	SOFT DOMESTIC COLD WATER
		SDHW	SOFT DOMESTIC HOT WATER
		SOV	SHUTOFF VALVE
		SS	SANITARY SEWER
		TP	TRAP PRIMER
		V	VENT
		VB	VALVE BOX
		VAC	VACUUM
		VEF	VERIFY IN FIELD
		VTR	VENT THRU ROOF
		W	WASTE
		WC	WATER CLOSET
		WCO	WALL CLEANOUT
		WH	WATER HEATER
		WHA	WATER HAMMER ARRESTOR
		WM	WATER METER

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HY HIBSER YAMAUCHI ARCHITECTS, INC.  
C-26566  
02-28-2019  
RENEWAL DATE 02-28-2021  
STATE OF CALIFORNIA

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HY Architects Project number: \_\_\_\_\_ Project Number: \_\_\_\_\_

Facility: \_\_\_\_\_  
Owner: SAN BENITO COUNTRY RESOURCE MANAGEMENT AGENCY 11311 SAN FELIPE RD, HOLLISTER, CA 95023  
Project: \_\_\_\_\_

**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **PLUMBING - TITLE SHEET**

Client Project Number: \_\_\_\_\_ Sheet: \_\_\_\_\_  
Scale: As indicated  
Drawn By: Author  
Checked By: Checker  
Issue Date: Issue Date  
Revit Version: \_\_\_\_\_ Sheet of \_\_\_\_\_

**P0.1**

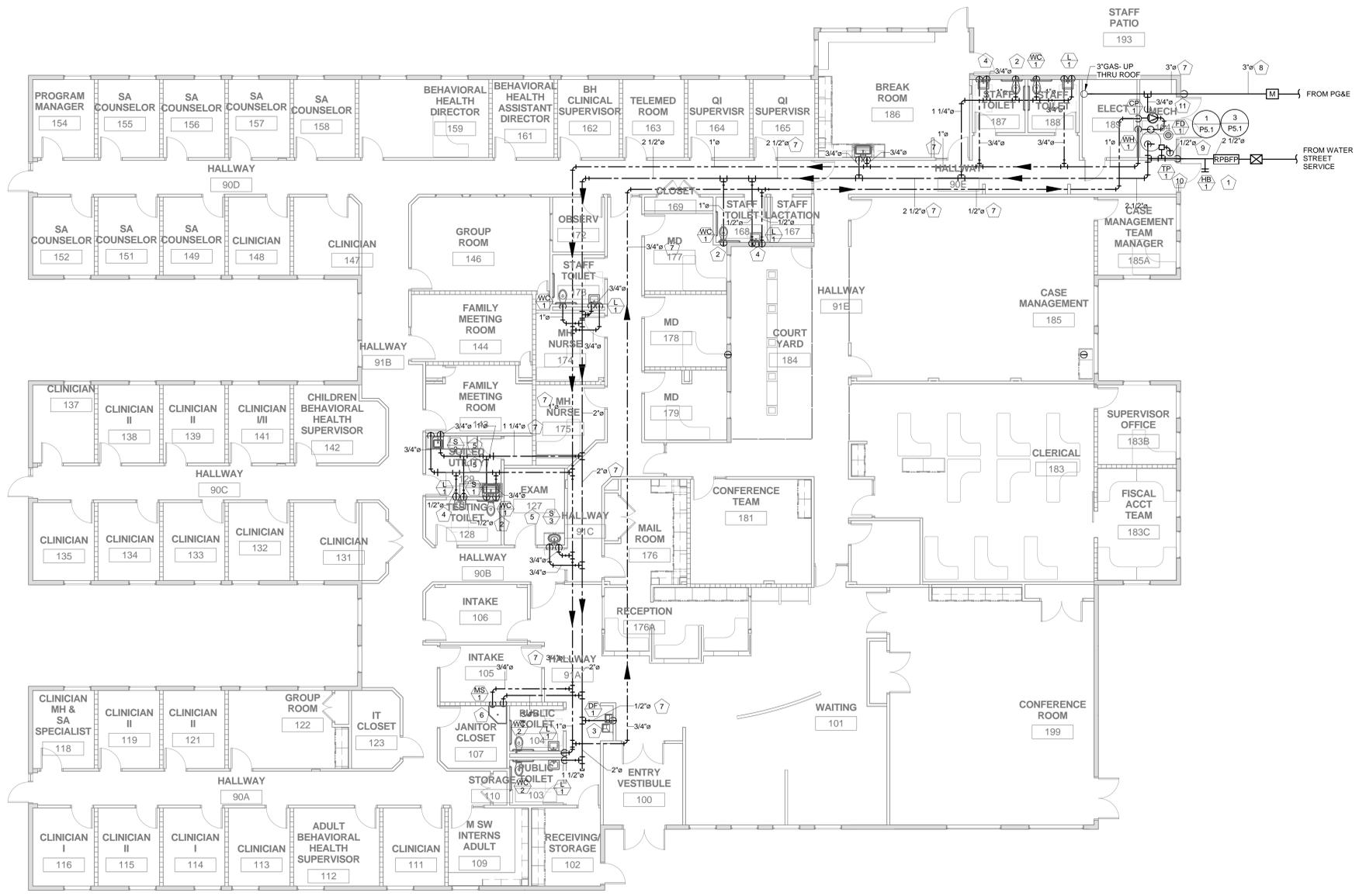


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- SHEET NOTES :-**
1. PROVIDE 2 1/2" SOV. PRV & UNION IN CONCRETE YARD BOX LABELED WATER.
  2. 1" DCW DOWN TO WC-1.
  3. 1/2" DCW DN TO DF-1.
  4. 1/2" DCW / DHW DN TO LAVATORY L1.
  5. 3/4" DCW / DHW DN TO S-1.2.3 & 4.
  6. 3/4" DCW / DHW DN TO S-1.
  7. ABOVE CEILING.
  8. BELOW GRADE.
  9. 1/2" NPW CONNECTION TO FD-1.
  10. TP-1 ABOVE CEILING.
  11. CONNECT 3/4" GAS SUPPLY TO WH-1 WITH SOV & PRV.



Revisions			
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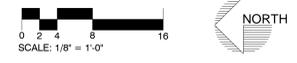
HY Architects Project Number: Project Number

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 SAN BENITO COUNTRY RESOURCE  
 MANAGEMENT AGENCY 1131 SAN FELIPE  
 RD. HOLLISTER, CA 95023  
 Project

**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**PLUMBING - FLOOR PLAN**

**1 PLUMBING - FLOOR PLAN (DCW, DHW, & GAS)**  
 1/8" = 1'-0"



Client Project Number:	Sheet
Scale: 1/8" = 1'-0"	Drawn By: Author
Checked By: Checker	Issue Date: Issue Date
Revit Version:	Sheet of

**P2.1**

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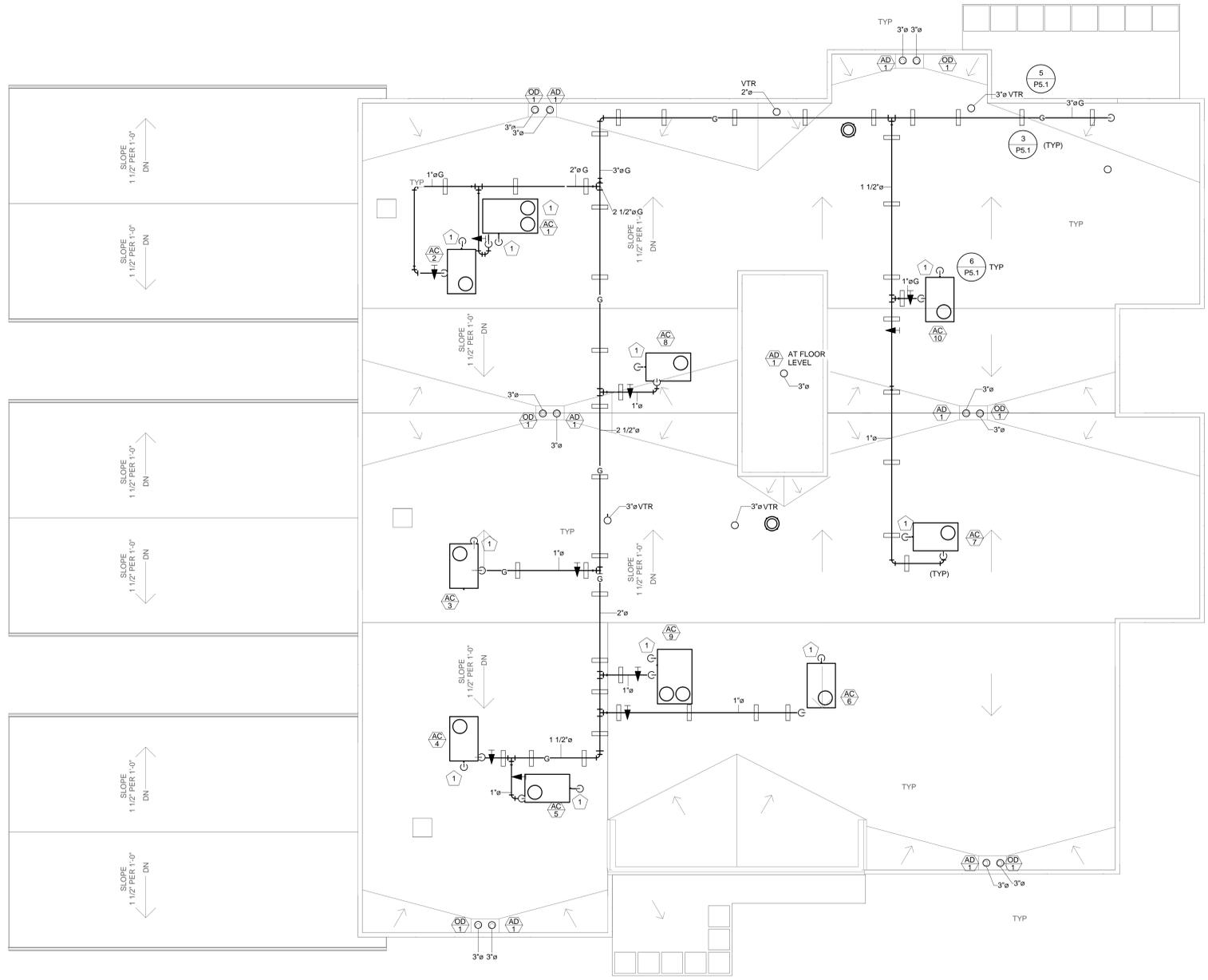


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**SHEET NOTES -**  
 1. RUN 3/4" CD DOWN TO NEAREST SINK/LAVATORY TAILPIECE (TYPICAL).



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**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**PLUMBING - ROOF PLAN**

Client Project Number:  
 Scale: 1/8" = 1'-0"  
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**1 PLUMBING - ROOF PLAN**  
 1/8" = 1'-0"



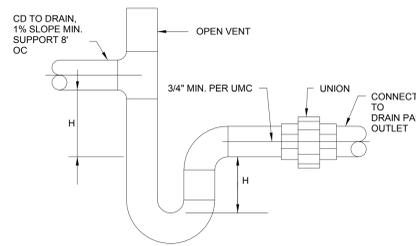
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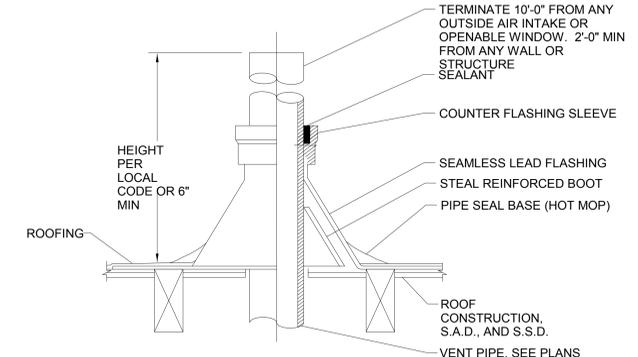
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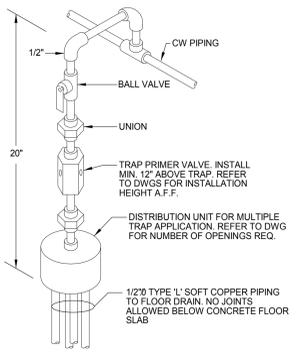
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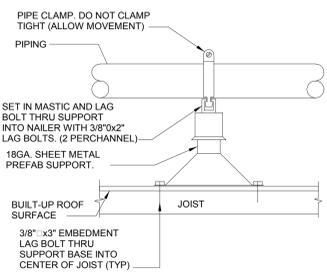
6 CONDENSATE DRAIN CONNECTION  
 P5.1 NONE



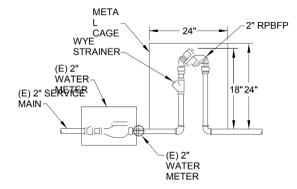
5 VENT THRU ROOF DETAIL  
 P5.1 NONE



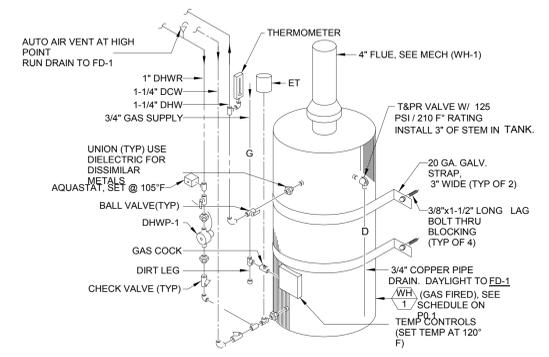
4 TRAP PRIMER  
 P5.1 NONE



3 ROOF SUPPORT FOR PIPING  
 P5.1 NONE



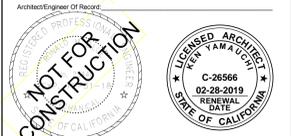
2 RPBFP DETAIL  
 P5.1 NO SCALE



1 WATER HEATER PIPING  
 P5.1 NO SCALE

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 Facility: \_\_\_\_\_  
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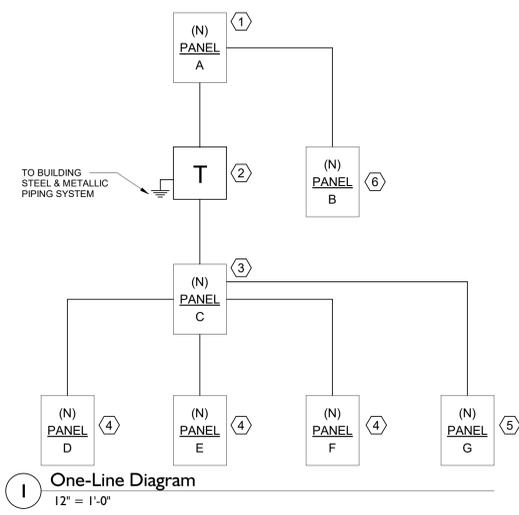
**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title: **PLUMBING - DETAILS**

Client Project Number:	Sheet
Scale: 12" = 1'-0"	<b>P5.1</b>
Drawn By: Author	
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NUMBERED NOTES	
1	(N) 600A, 277/480V PANEL.
2	(N) 112.5 KVA TRANSFORMER 480V TO 120/208V.
3	(N) 400A, 120/208V PANEL.
4	(N) 100A, 120/208V PANEL.
5	(N) 225A, 120/208V PANEL.
6	(N) 400A, 277/480V PANEL.



One-Line Diagram  
12" = 1'-0"

ABBREVIATIONS	
1PH, 3PH 1P, 2P, 3P 3W, 4W (D) (E) (ER) (N) (R)	1 PHASE, 3 PHASE 1 POLE, 2 POLE, 3 POLE 3 WIRE, 4 WIRE DEMO, DEMOLISH EXISTING EXISTING RELOCATED NEW RELOCATE
A, AMPS AC AF AFC AIC	AMPERES ALTERNATING CURRENT FRAME RATING IN AMPERES ABOVE FINISHED FLOOR AMPERES INTERRUPTING CAPACITY
AL, ALUM ATS AT AWG	ALUMINUM AUTO TRANSFER SWITCH TRIP RATING IN AMPERES AMERICAN WIRE GAUGE
BTR	BUILDING TELECOM ROOM
C CB, C/B CEC CT CU	CONDUIT CIRCUIT BREAKER CALIFORNIA ELECTRICAL CODE CURRENT TRANSFORMER COPPER
DC	DIRECT CURRENT
EA ELEC EMT	EACH ELECTRICAL ELECTRICAL METALLIC TUBING
FA FACP FATC FLA FT	FIRE ALARM FIRE ALARM CONTROL PANEL FIRE ALARM TERMINAL CABINET FULL LOAD AMPS FOOT OR FEET
G, GND GA GFCI GFI	GROUND GAUGE GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER
HOA HP	HAND-OFF-AUTO HORSE POWER
J-BOX	JUNCTION BOX
KVA KW	ONE THOUSAND VOLT-AMPS ONE THOUSAND WATTS
LCP LTG	LIGHTING CONTROL PANEL LIGHTING
MCA MCB MOC MLO MOCP	MINIMUM CIRCUIT AMPACITY MAIN CIRCUIT BREAKER MOTOR CONTROL CENTER MAIN LUGS ONLY MAXIMUM OVER-CURRENT PROTECTION EMPTY CONDUIT W/ PULL-LINE
MT	
NC NCTC NEC NEMA	NORMALLY CLOSED NURSE CALL TERMINAL CABINET NATIONAL ELECTRIC CODE NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION
NIES	NIGHT LIGHT
NL NO NTS	NIGHT LIGHT NORMALLY OPEN NOT TO SCALE
OCP OFCL	OVER-CURRENT PROTECTION OWNER FURNISHED
OFOI	CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED
PT PVC	POTENTIAL TRANSFORMER POLYVINYL CHLORIDE CONDUIT
RLA RSC	RUNNING LOAD AMP RIGID STEEL CONDUIT
SPD SPDT SPST SST	SURGE PROTECTION DEVICE SINGLE POLE DOUBLE THROW SINGLE POLE SINGLE THROW SOLID STATE TRIP
TER TR TM TTB	TELECOM EQUIPMENT ROOM TELECOM ROOM THERMAL MAGNETIC TERMINAL BACKBOARD
UG UL UON UPS	UNDERGROUND UNDERWRITERS LAB. UNLESS OTHERWISE NOTED UNINTERRUPTIBLE POWER SUPPLY
V VA VAC	VOLTS VOLT-AMPS VOLTS ALTERNATE CURRENT
W WP	WATTS WEATHERPROOF
XFMR XFER	TRANSFORMER TRANSFER SWITCH

LIGHTING SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	RECESSED MOUNTED LUMINAIRE.
[Symbol]	WALL MOUNTED LUMINAIRE.
[Symbol]	RECESSED DOWNLIGHT LUMINAIRE.
[Symbol]	CEILING OR WALL MOUNTED ILLUMINATED EXIT SIGN W/ DIRECTIONAL ARROWS NOTED ON PLANS. WORD 'EXIT' TO BE LOCATED IN SHADED FACE
[Symbol]	WALL MOUNTED LUMINAIRE.
[Symbol]	LUMINAIRE SHADING INDICATES LUMINAIRE CONNECTED TO EMERGENCY OR BATTERY POWER SOURCE.
[Symbol]	LUMINAIRE TAG, LETTER INDICATES TYPE, SEE LUMINAIRE SCHEDULE.
[Symbol]	SINGLE POLE TOGGLE SWITCH, MOUNTED +48" MAX AFF TO TOP OF BOX.
SUBSCRIPTS	DEVICE SUBSCRIPTS DESIGNATE THE FOLLOWING: 3 = 3-WAY SWITCH a,b,c = LIGHTING/DEVICE CONTROL K = KEYED MC = MOMENTARY CONTACT TC = CONTROLLED BY TIME CLOCK WP = WEATHERPROOF
[Symbol]	AUTOMATIC "ON", CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR.
[Symbol]	DIMMING CONTROL, WALL MOUNTED +48" MAX AFF TO TOP OF BOX.
[Symbol]	AUTOMATIC "ON/OFF" DUAL TECHNOLOGY SENSOR W/ DIMMING CONTROL, WALL MOUNTED +48" MAX AFF TO TOP OF BOX.
POWER DISTRIBUTION SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	BRANCH CIRCUIT PANELBOARD, SURFACE MOUNTED.
[Symbol]	BRANCH CIRCUIT PANELBOARD, FLUSH MOUNTED.
NURSE CALL SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	CORNELL WALL MOUNTED DOME LIGHT, CATALOG #L-101. PROVIDE SINGLE GANG BOX. MOUNT AT +90" AFF TO BOTTOM OF BOX.
[Symbol]	CORNELL EMERGENCY PULL CORD STATION FOR TOILET, CATALOG #E-114. LOCATED WITHIN 12" OF THE FRONT OF TOILET BOWL AND MOUNTED +48" MAX AFF TO TOP OF BOX. PULL CORD SHALL EXTEND TO +12" MAX AFF.
[Symbol]	CORNELL THREE STATION ANNUNCIATOR STATION, CATALOG #A-4003. PROVIDE 2-GANG BACK BOX WITH 2-DEVICE RING AND PLATE. MOUNTED ABOVE COUNTER. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE.

STANDARD ELECTRICAL SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	ASYMMETRIC INTERRUPTING CIRCUIT RATING.
[Symbol]	FEEDER TAG, SEE FEEDER SCHEDULE.
[Symbol]	NUMBERED NOTE.
[Symbol]	TRANSFORMER.
[Symbol]	AUTOMATIC TRANSFER SWITCH.
[Symbol]	CIRCUIT BREAKER.
[Symbol]	DISCONNECT SWITCH.
TELECOM SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	TELEPHONE/DATA OUTLET, 4 1/16" SQUARE X 2 1/8" DEEP BOX W/ 1-DEVICE RING AND PLATE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. STUB 1" CONDUIT INTO ACCESSIBLE CEILING SPACE, TERMINATE W/ INSULATED BUSHING.
SUBSCRIPTS	DEVICE SUBSCRIPTS DESIGNATE THE FOLLOWING: C = ABOVE COUNTER MOUNTED AT 44" MAX AFF TO TOP OF BOX.
WIRING DEVICE SYMBOLS	
SYMBOL	DESCRIPTION
[Symbol]	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX.
[Symbol]	20 AMP 125V 3W HALF-CONTROLLED PLUG LOAD DUPLEX RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. RECEPTACLE SHALL BE PERMANENTLY IDENTIFIED FOR HALF-CONTROLLED.
[Symbol]	20 AMP 125V 3W DOUBLE DUPLEX CONVENIENCE RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX.
[Symbol]	20 AMP 125V 3W DOUBLE DUPLEX RECEPTACLE, PROVIDE (1) NON CONTROLLED & (1) HALF-CONTROLLED PLUG LOAD RECEPTACLE, MOUNTED +15" MIN AFF TO BOTTOM OF BOX. RECEPTACLE SHALL BE PERMANENTLY IDENTIFIED FOR HALF-CONTROLLED.
[Symbol]	20 AMP 125V 3W DUPLEX CONVENIENCE RECEPTACLE W/ GROUND FAULT INTERRUPTER, MOUNTED +48" MAX AFF TO TOP OF BOX.
[Symbol]	RECESSED FLOOR POWER/DATA BOX, PROVIDE (1) DUPLEX RECEPTACLE AND (1) TELE/DATA LOC. REFER TO ARCHITECTURAL AND/OR STRUCTURAL PLANS FOR REQUIRED TRENCHING OF CONCRETE SLAB.
SUBSCRIPTS	DEVICE SUBSCRIPTS DESIGNATE THE FOLLOWING: C = ABOVE COUNTER MOUNTED AT 44" MAX AFF TO TOP OF BOX. D = DEDICATED CIRCUIT IG = ISOLATED GROUND TP = TAMPERPROOF USB = PROVIDE RECEPTACLE W/ DUAL USB CHARGING. WP = WEATHERPROOF
[Symbol]	JUNCTION BOX, SIZE AND TYPE AS INDICATED OR REQUIRED.

SHEET INDEX	
SHEET NUMBER	SHEET NAME
E0.01	ABBREVIATIONS, SYMBOLS, & SHEET INDEX
E1.00	ENLARGED FLOOR PLAN - PHOTOMETRICS
E1.01	ENLARGED FLOOR PLAN - LIGHTING
E2.01	ENLARGED FLOOR PLAN - POWER
E3.01	ENLARGED FLOOR PLAN - SIGNAL

LUMINAIRE SCHEDULE									
TYPE MARK	MANUFACTURER	MODEL	DESCRIPTION	MOUNTING	LAMP	VOLTS	WATTS	REMARKS	
A1	WILLIAMS	AT2-24-L30/835-DIM-120	2X4 RECESSED LED	RECESSED	LED	120	31		
A1E	WILLIAMS	AT2-24-L30/835-EM/10W-DIM-120	2X4 RECESSED LED	RECESSED	LED	120	31	90 MINUTE BATTERY PACK	
A2	WILLIAMS	AT2-24-L40/835-DIM-120	2X4 RECESSED LED	RECESSED	LED	120	42		
A3	WILLIAMS	AT2-24-L55/835-DIM-120	2X4 RECESSED LED	RECESSED	LED	120	59		
B	WILLIAMS	AT2-22-L20/835-DIM-120	2X2 RECESSED LED	RECESSED	LED	120	21		
B1	WILLIAMS	AT2-22-L30/835-DIM-120	2X2 RECESSED LED	RECESSED	LED	120	31		
B2	WILLIAMS	AT2-22-L40/835-DIM-120	2X2 RECESSED LED	RECESSED	LED	120	44		
B3	WILLIAMS	ATS2-22-L30/835-NEMA F-DIM-120	2X2 SURFACE LED	SURFACE	LED	120	31		
B4	WILLIAMS	ATS2-22-L40/835-NEMA F-DIM-120	2X2 SURFACE LED	SURFACE	LED	120	44		
BE	WILLIAMS	AT2-22-L20/835-EM/10W-DIM-120	2X2 SURFACE LED	SURFACE	LED	120	21	90 MINUTE BATTERY PACK	
C	PHILIPS	OWL470L835UNV	LED SUSPENDED	SUSPENDED	LED	120	73		
CE	PHILIPS	OWL470L835UNVEMLED	LED SUSPENDED	SUSPENDED	LED	120	73	90 MINUTE BATTERY PACK	
D	PHILIPS	C6RN-C6L10835WZ10U-C6RDLCL	6" LED DOWNLIGHT	RECESSED	LED	120	9		
D1	PHILIPS	C6RN-C6L15835WZ10U-C6RDLCL	6" LED DOWNLIGHT	RECESSED	LED	120	15		
D1E	PHILIPS	C6RNEM-C6L15835WZ10U-C6RDLCL	6" LED DOWNLIGHT	RECESSED	LED	120	15	90 MINUTE BATTERY PACK	
F4A	FINELITE	HP-4 R-4-B-835-F-120V-SC-C1	LED LINEAR	RECESSED	LED	120	18.4		
F4B	FINELITE	HP-4 R-4-H-835-F-120V-SC-C1	LED LINEAR	RECESSED	LED	120	28.4		
F4E	FINELITE	HP-4 R-4-B-835-F-120V-SC-C1-EM	LED LINEAR	RECESSED	LED	120	18.4	90 MINUTE BATTERY PACK	
F6A	FINELITE	HP-4 R-6-S-835-F-120V-SC-C1	LED LINEAR	RECESSED	LED	120	21.6		
F6B	FINELITE	HP-4 R-6-H-835-F-120V-SC-C1	LED LINEAR	RECESSED	LED	120	42.6		
F8A	FINELITE	HP-4 R-8-S-835-F-120V-SC-C1	LED LINEAR	RECESSED	LED	120	28.8		
F8B	FINELITE	HP-4 R-8-H-835-F-120V-SC-C1	LED LINEAR	RECESSED	LED	120	56.8		
G	KENALL	MMAC24-G-FA-45L35K-DCC-120	2X4 RECESSED LED	RECESSED	LED	120	45		
J	FOCAL POINT	FSM4LWL-FL-375LF-35K-1C-UNV-L11-XFN-EM-WH-6FT	LED LINEAR	RECESSED	LED	120	46	90 MINUTE BATTERY PACK	
K	VISA	OW2201L35K-MVOLTPEMADG7038-PS-EM-VH	WALL SCONCE	WALL	LED	120	29	MOUNTED 9" 6" AFF, 90 MINUTE BATTERY PACK	
X	PHILIPS	CXXL3RW	EXIT LIGHT	CEILING	LED	120	4.5		

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300 27th street, suite 200 Oakland, CA 95612 office 510.775.3836  
PROJECT NO. E099 CONTACT DONNY

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**HIBSER YAMAUCHI Architects, Inc.**  
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HY Architects Project number: Client Proj. #

Facility: SAN BENITO COUNTY RESOURCE MANAGEMENT AGENCY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: NEW BEHAVIORAL HEALTH CENTER

Sheet Title: ABBREVIATIONS, SYMBOLS, & SHEET INDEX

Client Project Number: Client Proj. #

Scale: 12" = 1'-0"  
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Checked By: EDGE  
Issue Date: Issue Date  
Revit Version: 2017

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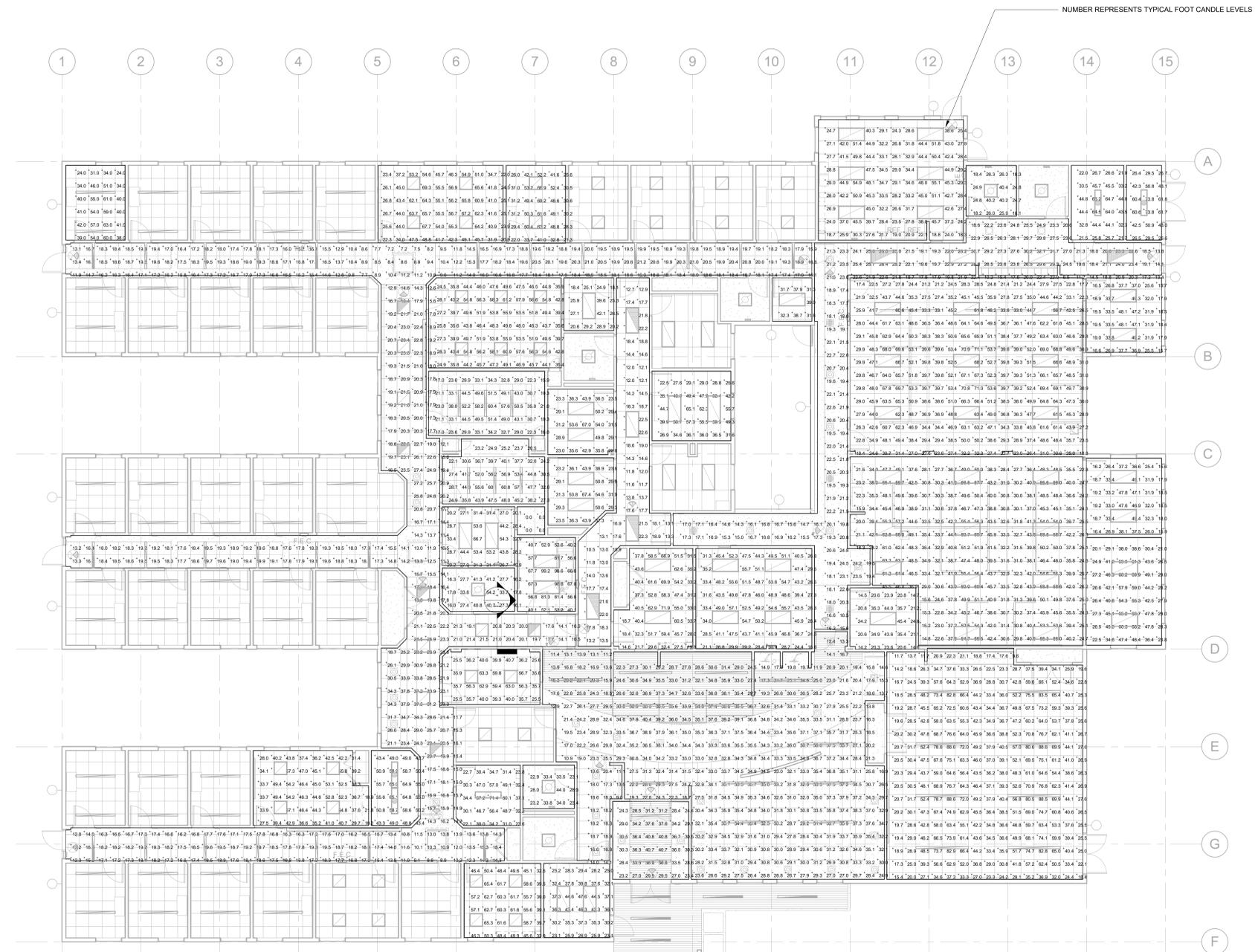
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**1** ENLARGED FLOOR PLAN - PHOTOMETRICS  
1/8" = 1'-0"

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Client Project Number: SAN BENITO COUNTY RESOURCE MANAGEMENT AGENCY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project: NEW BEHAVIORAL HEALTH CENTER

Sheet Title: ENLARGED FLOOR PLAN - PHOTOMETRICS

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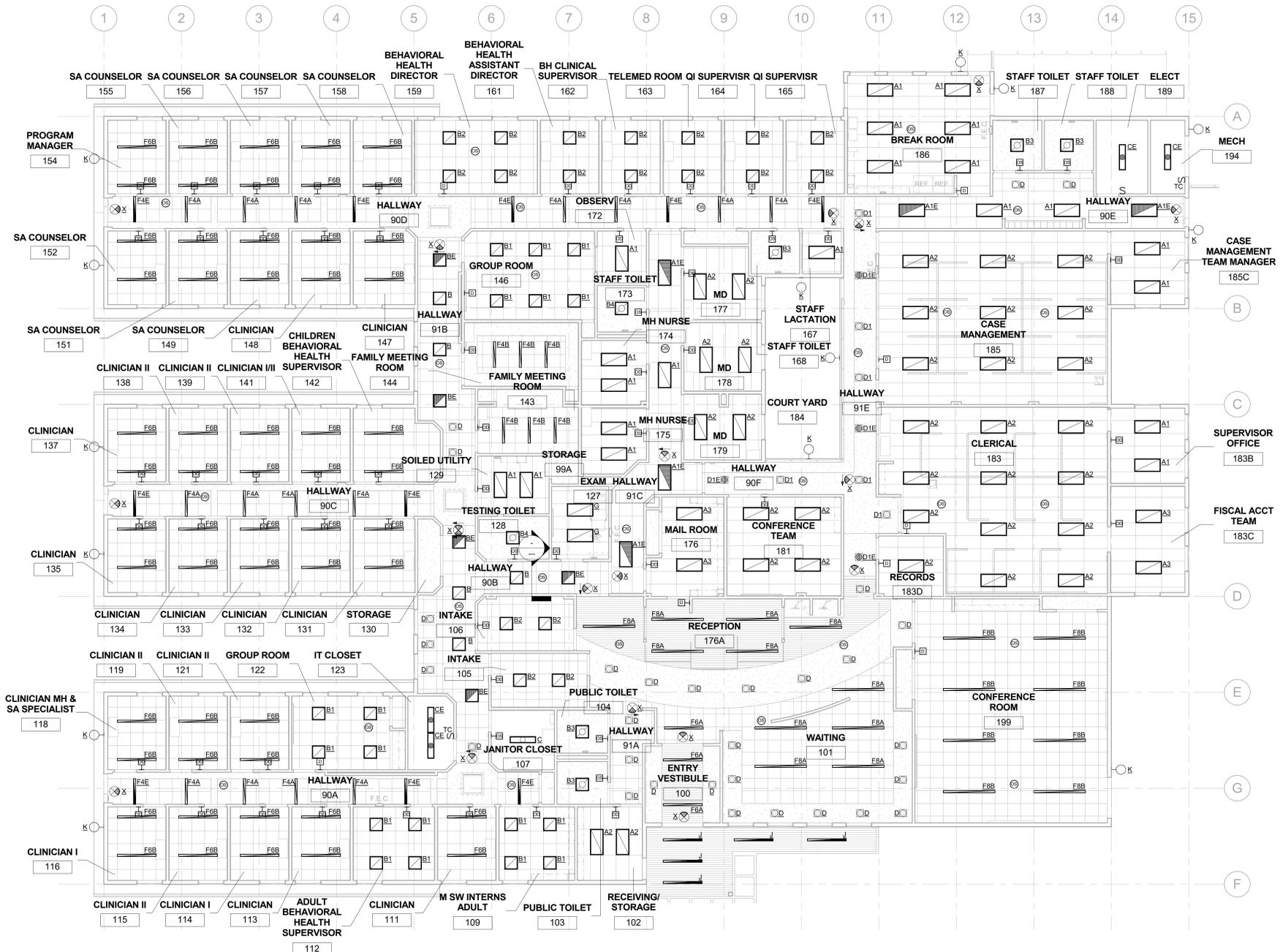
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**SHEET NOTES**

- ALL INSTALLATIONS IN PATIENT CARE AREA SHALL COMPLY WITH CEC 517.13(A). ALL BRANCH CIRCUITS SERVING PATIENT CARE AREAS SHALL BE PROVIDED WITH AN EFFECTIVE GROUND-FAULT CURRENT PATH BY INSTALLATION ON A METAL RACEWAY SYSTEM. PATIENT CARE AREAS ARE DEFINED AS ANY PORTION OF A HEALTH CARE FACILITY WHEREIN PATIENTS ARE INTENDED TO BE EXAMINED OR TREATED.
- MODULAR BUILDING VENDOR SHALL LAY OUT FIXTURES TO MEET CALIFORNIA TITLE-24 REQUIREMENTS. VENDOR TO SUBMIT CERTIFICATION OF TITLE-24 COMPLIANCE. MODULAR BUILDING VENDOR SHALL CIRCUIT & CONTROL LIGHTING FIXTURES.
- TYPICAL FOR CORRIDORS SINGLE LEVEL CEILING MOUNTED OCCUPANCY SENSOR SWITCHING PER TITLE 24; SENSORS WIRED TO ILLUMINATE ENTIRE CORRIDOR ON ACTIVATION OF ANY SENSOR.

Revisions				
No.	Revisions	By	Date	Appr.



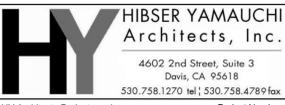
**I ENLARGED FLOOR PLAN - LIGHTING**  
1/8" = 1'-0"

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**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**ENLARGED FLOOR PLAN - LIGHTING**

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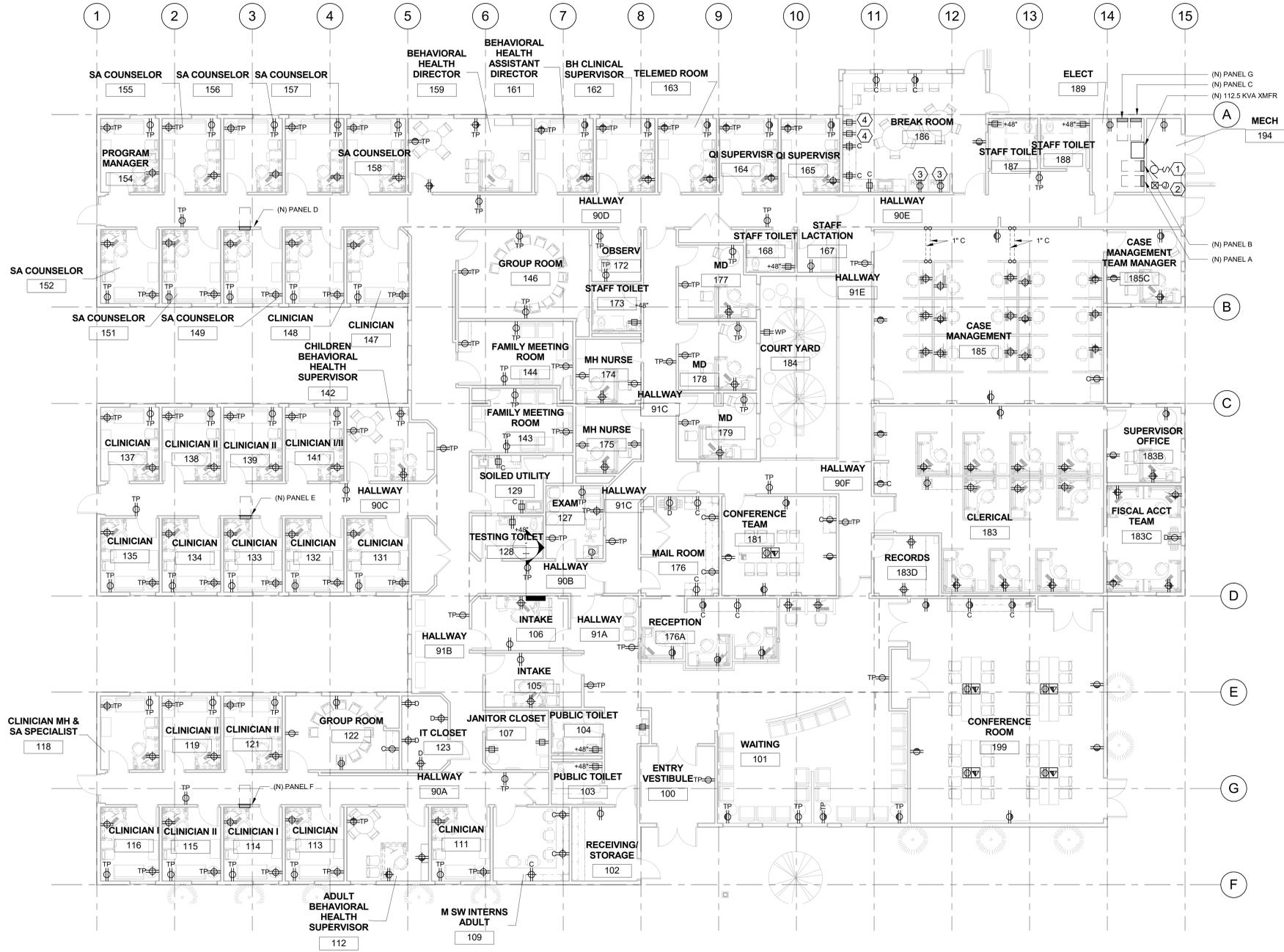
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- 2 HOSPITAL GRADE RECEPTACLES WITH INSULATED GROUNDING TERMINALS SHALL BE IDENTIFIED WITH A GREEN DOT ON FACE OF DEVICE. HOSPITAL GRADE RECEPTACLES SHALL BE PROVIDED IN ALL PATIENT CARE AREAS.
- 3 THE GROUNDING TERMINALS OF ALL RECEPTACLES AND ALL NON-CURRENT-CARRYING CONDUCTIVE SURFACES OF FIXED ELECTRICAL EQUIPMENT SHALL BE CONNECTED TO AN INSULATED COPPER EQUIPMENT GROUNDING CONDUCTOR. THE EQUIPMENT GROUNDING SHALL BE #12 AWG UNLESS OTHERWISE NOTED AND INSTALLED IN METAL RACEWAY OR AS A PART OF LISTED CABLES HAVING A METALLIC ARMOR WITH THE BRANCH-CIRCUIT CONDUCTORS SUPPLYING THESE RECEPTACLES OR FIXED EQUIPMENT.
- 4 UNLESS OTHERWISE INDICATED, ALL 20 AMP 120 OR 277 VOLT BRANCH CIRCUITS SHALL HAVE DEDICATED NEUTRALS. DO NOT SHARE NEUTRALS.
- 5 APPROXIMATE DEVICE LOCATION. MODULAR BUILDING VENDOR SHALL BE RESPONSIBLE FOR CIRCUITING TO UNIT PANEL.

Revisions			
No.	Revisions	By	Date / Appr.

**NUMBERED NOTES**

- 1 (N) CIRCULATING PUMP 120V, 1P, 39 WATTS. SHALL BE CONNECTED TO PANEL C.
- 2 (N) WATER HEATER 120V, 1P. SHALL BE CONNECTED TO PANEL C.
- 3 DEDICATED RECEPTACLE FOR REFRIGERATOR.
- 4 DEDICATED RECEPTACLE FOR MICROWAVE.



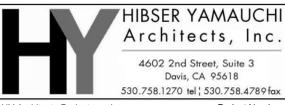
**I ENLARGED FLOOR PLAN - POWER**  
1/8" = 1'-0"

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ISSUE DATE: 8/17/18 BY: SR



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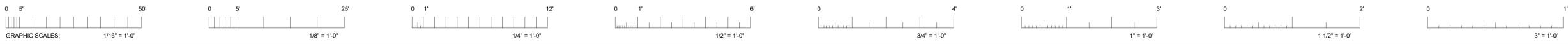
San Benito County Resource Management Agency  
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**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**ENLARGED FLOOR PLAN - POWER**

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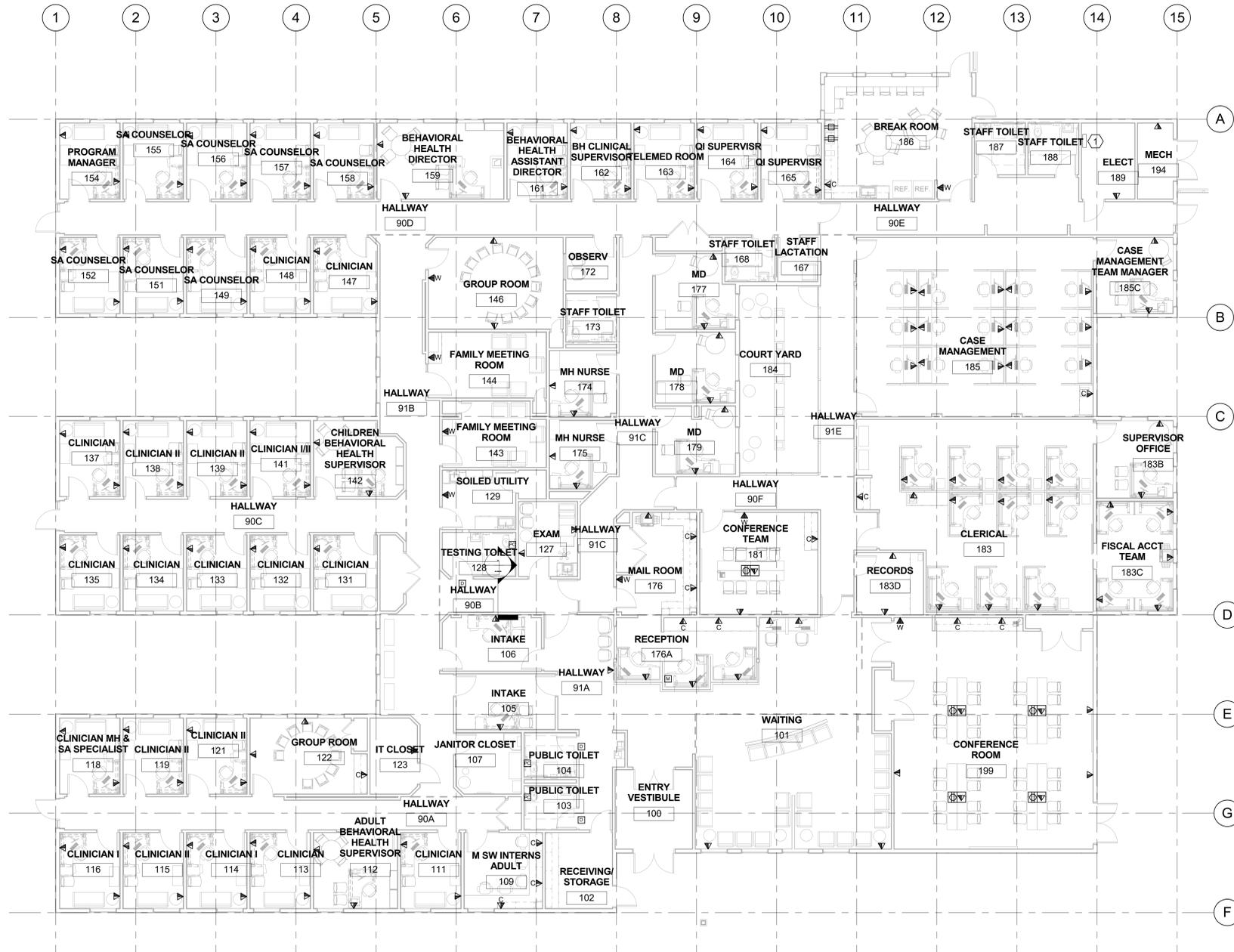
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**SHEET NOTES**

- 1 CORNELL EMERGENCY CALL SYSTEM POWER SUPPLY, 120V, 1.45A. (CATALOG #B-5243A)



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**I ENLARGED FLOOR PLAN - SIGNAL**  
1/8" = 1'-0"

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**EDGE**  
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HY Architects Project number: \_\_\_\_\_ Client Proj. # \_\_\_\_\_

Facility  
SAN BENITO COUNTY RESOURCE MANAGEMENT AGENCY  
1131 SAN FELIPE RD, HOLLISTER, CA 95023

Project  
**NEW BEHAVIORAL HEALTH CENTER**

Sheet Title  
**ENLARGED FLOOR PLAN - SIGNAL**

Client Project Number:	Client Proj. #
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