WHCC DORM PLUMBING REPLACEMENT

West Hills College Coalinga
West Hills Community College District

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17-01-21M

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17-01-15M

GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CALIFORNIA CODE OF REGULATIONS (TITLE DOCUMENTS) AND ALL OTHER LOCAL CODES AND ORDINANCES OF THE GOVERNING AUTHORITY HAVING JURISDICTION AND AS IDENTIFIED UNDER APPLICABLE CODES ON THIS SHEET. IT IS THE INTENT OF THESE DOCUMENTS TO COMPLY HERETO.
2. ALL DRAWINGS SHALL BE USED IN CONCERT WITH EACH OTHER. IF THE CONTRACTOR DISCOVERS ANY DISCREPANCY BETWEEN THE DOCUMENTS, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT. REFER TO THE ARCHITECTURAL AND ENGINEERING DRAWINGS FOR PLACEMENT, ORIENTATION AND COORDINATION OF WORK. INFORMATION SHOWN IN LARGER SCALE IS INTENDED TO SUPPLEMENT INFORMATION OF SMALLER, PRECEDING REFERENCE DRAWINGS. LARGER SCALE DRAWINGS TAKE PRECEDENCE OVER SMALLER SCALE DRAWINGS.
3. NOTATION MARKED "TYPICAL" (TYP) SHALL BE CONSISTENT THROUGHOUT ALL SUCH REFERENCE NOMENCLATURE, SYMBOLS AND DRAWING INDICATIONS OF LIKE OR SIMILAR KIND.
4. DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONSTRUCTION CONDITIONS AND DIMENSIONS PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY ASSOCIATED WORK. IF DISCREPANCIES ARE FOUND, THE CONTRACTOR SHALL REQUEST IN WRITING A CLARIFICATION FROM THE ARCHITECT PRIOR TO COMMENCEMENT OF ANY ASSOCIATED WORK.
5. CONTRACTOR SHALL VERIFY, AT THE SITE, ALL EXISTING CONDITIONS PRIOR TO SUBMITTAL OF BIDS. SITE VISITS DURING BIDDING SHALL BE COORDINATED WITH THE OWNER IN ACCORDANCE WITH THE PROVISIONS OF THE SPECIFICATIONS.
6. CONTRACTOR SHALL PROTECT ALL EXISTING WORK. ANY DAMAGED WORK SHALL BE REPLACED WITH THE SAME MATERIALS, INCLUDING MATCHING THE EXISTING COLORS AND TEXTURES.
7. EXISTING WORK IS SHOWN FOR REFERENCE ONLY. THE OWNER AND/OR ARCHITECT DO NOT GUARANTEE EXISTING CONDITIONS AS SHOWN ON THESE DOCUMENTS.
8. CONTRACTOR(S) SHALL BE RESPONSIBLE FOR THEIR OWN CLEANUP AS WORK PROGRESSES.
9. MATERIALS SUSPECTED OF CONTAINING HAZARDOUS MATERIALS THAT ARE DISCOVERED DURING THE PROGRESS OF THE WORK SHALL BE REPORTED TO THE OWNER IN WRITING. WORK IN THAT PARTICULAR AREA SHALL BE SUSPENDED UNTIL THE OWNER TESTS THE SUSPECT MATERIAL AND IT IS FOUND TO BE SAFE, OR THE MATERIAL HAS BEEN PROPERLY ABATED.
10. ALL WORK IS NEW UNLESS OTHERWISE NOTED.
11. IN THE EVENT CERTAIN FEATURES OF THE CONSTRUCTION ARE NOT FULLY SHOWN ON THE CONSTRUCTION DOCUMENTS, THEN THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE SHOWN.
12. STORAGE OF CONSTRUCTION MATERIAL AND EFFECT OF WORK ON EXISTING OCCUPIED AREAS SHALL BE APPROVED BY THE LOCAL FIRE AUTHORITY.
13. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL WORK PROVIDED BY OTHERS UNDER SEPARATE CONTRACT(S).
14. KEYNOTES USED ON THE ARCHITECTURAL DRAWINGS ARE FOR ASSEMBLIES, MATERIAL REFERENCES AND NOTES. REFER TO THE KEYNOTES LIST ON THE RESPECTIVE DRAWING FOR THE INFORMATION TO EACH KEYNOTE.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH CFC CHAPTER 33, FIRE SAFETY DURING CONSTRUCTION.
16. ALL CONSTRUCTION AND DEMOLITION SHALL BE IN ACCORDANCE WITH CHAPTER 33 OF THE CBC AND CFC AND THE WRITTEN SAFETY PLAN.
17. NO CHANGES OR REVISIONS SHALL BE MADE FOLLOWING WRITTEN APPROVAL WHICH AFFECTS ACCESS COMPLIANCE ITEMS UNLESS SUCH CHANGES OR REVISIONS ARE SUBMITTED TO DSA FOR APPROVAL.
18. SUBSTITUTIONS AFFECTING DSA REGULATIONS SHALL BE SUBMITTED AS A CONSTRUCTION CHANGE DOCUMENT (DSA 140) OR ADDENDA AND APPROVED BY DSA PRIOR TO FABRICATION AND INSTALLATION.

17-01-19

APPLICABLE CODES

Title 19, CCR

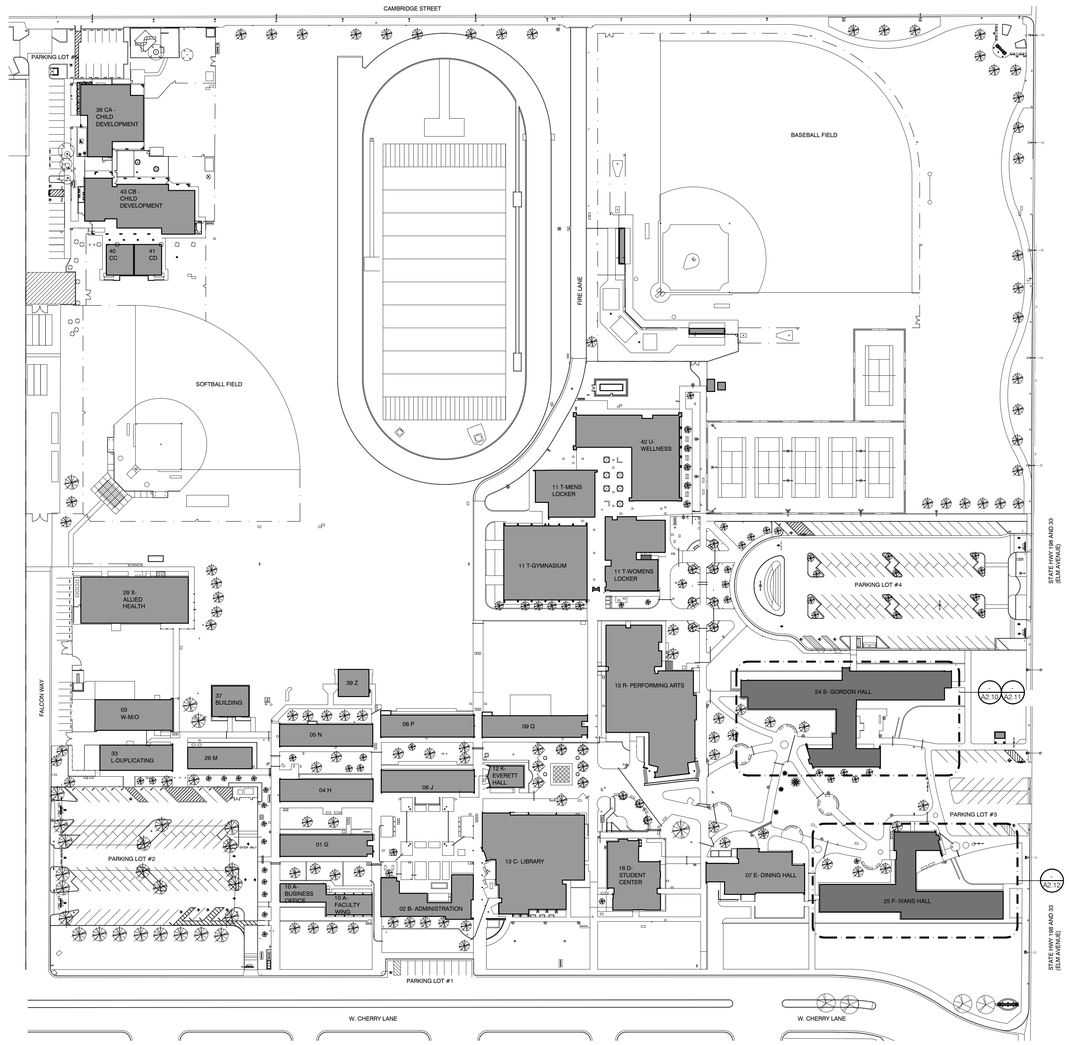
CCR	PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

Title 24, CCR

PART 1	2025 CALIFORNIA ADMINISTRATIVE CODE
PART 2	2022 CALIFORNIA BUILDING CODE VOLUME 1 AND 2 (2021 IBC, WITH 2022 CALIFORNIA AMENDMENTS)
PART 3	2022 CALIFORNIA ELECTRICAL CODE (2020 EDITION NATIONAL ELECTRICAL CODE WITH 2022 CALIFORNIA AMENDMENTS)
PART 4	2022 CALIFORNIA MECHANICAL CODE (2021 EDITION IAPMO UNIFORM MECHANICAL CODE)
PART 5	2022 CALIFORNIA PLUMBING CODE (2021 EDITION IAPMO UNIFORM PLUMBING CODE)
PART 6	2022 CALIFORNIA ENERGY CODE
PART 8	2022 CALIFORNIA HISTORICAL BUILDING CODE
PART 9	2022 CALIFORNIA FIRE CODE (2021 EDITION, INTERNATIONAL FIRE CODE)
PART 9	2013 CALIFORNIA FIRE CODE CHAPTER 33 - FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION
PART 10	2022 EXISTING BUILDING CODE (2021 INTERNATIONAL EXISTING BUILDING CODE)
PART 11	2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
PART 12	2022 CALIFORNIA REFERENCED STANDARDS CODE
NFPA 13	2022 EDITION, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS 2022 OF CALIFORNIA
NFPA 14	2019 EDITION, STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
NFPA 17	2021 EDITION, STANDARD DRY CHEMICAL EXTINGUISHING SYSTEMS
NFPA 17A	2021 EDITION, STANDARD WET CHEMICAL EXTINGUISHING SYSTEMS
NFPA 20	2019 EDITION, STANDARD FOR THE INSTALLATION OF STATIONARY PUMPS FOR FIRE PROTECTION
NFPA 22	2018 EDITION, STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION
NFPA 24	2019 EDITION, STANDARD FOR THE INSTALLATION OF PRIVATE FIRE SERVICE MAINS AND THEIR APPURTENANCES
NFPA 25	2013 EDITION, STANDARD FOR THE INSPECTION, TESTING, AND MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS (CA AMENDED)
NFPA 72	2022 EDITION, NATIONAL FIRE ALARM AND SIGNALING CODE 2022 OF CALIFORNIA
NFPA 80	2019 EDITION, STANDARD FOR FIRE DOOR AND OPENING PROTECTIVES

17-01-12

CAMPUS MAP



SCOPE OF WORK

REPAIR OF EXISTING DORMITORY BUILDING RESTROOMS AND RELATED MISC WORK.

17-01-20M

ABBREVIATIONS

AB	ANCHOR BOLT	EJ	EXPANSION JOINT	MC	MEDICINE CABINET	SCHED	SCHEDULE
AC	ASPHALT CONCRETE, AIR CONDITIONING	ELEC	ELECTRIC(AL)	MDO	MEDIUM DENSITY OVERLAY	SD	STORM DRAIN
		ELEV	ELEVATION	MECH	MECHANIC(AL)	SF	SQUARE FOOT/STOREFRONT
ACC	ACCESS CONTROL	EPC	ELECTROSTATIC POWDER COATING	MEP	MECHANICAL, ELECTRICAL, PLUMBING	SFRM	SPRAYED FIRE-RESISTIVE MATERIAL
ACOUS	ACOUSTICAL						
ADJ	ADJACENT	EPS	ELECTROSTATIC PAINTING SYSTEM	MET	METAL	SG	SAFETY GLAZING (FULLY TEMPERED)
AFF	ABOVE FINISH FLOOR			MFR	MANUFACTURE(R)		
AGG	AGGREGATE	EQ	EQUAL	MIN	MINIMUM	SHTG	SHEATHING
ALT	ALTERNATE	EQUIP	EQUIPMENT	MIR	MIRROR	SHT(S)	SHEET(S)
ALUM	ALUMINUM	ES	ELASTOMERIC SEALANT	MISC	MISCELLANEOUS	SIM	SIMILAR
ANOD	ANODIZED	EX/EXIST	EXISTING	MO	MASONRY OPENING	SJ	SEALED JOINT
APPROX	APPROXIMATE	EXH	EXHAUST	MRT	MOLDED RUBBER FLOOR TILE	SJF	SAWN JOINT FILLED
ARCH	ARCHITECT (URAL)	EXT	EXTERIOR	MT	METAL THRESHOLD	SP	SOLID POLYMER
AS	ADJUSTABLE SHELF(S)	EW	EACH WAY	MTD	MOUNTED	SPEC (S)	SPECIFICATION(S)
B	BLANK CABINET PANEL	F , (F)	FUTURE	MTL	MATERIAL	SQ	SQUARE
BD	BOARD	FCO	FLOOR CLEANOUT	N	NORTH	SS	STAINLESS STEEL
BLK	BLOCK	FD	FLOOR DRAIN	NAT	NATURAL	STD(S)	STANDARD(S)
BLDG	BUILDING	FDN	FOUNDATION	NIC	NOT IN CONTRACT	STL	STEEL
BLKG	BLOCKING	FEX	FIRE EXTINGUISHER	NO	NUMBER	STOR	STORAGE
BM	BEAM	FG	FINISH GRADE	NOM	NOMINAL	STRUCT	STRUCTURAL
BOT	BOTTOM	FIN	FINISH(ED)	NTS	NOT TO SCALE	T	TEMPERED
BUR	BUILT UP ROOF(ING)	FLR	FLOOR(ING)	OBS	OBSCURE	T/M/B	TOP/MIDDLE/BOTTOM
CAB	CABINET	FLOUR	FLOURESCENT	OC	ON CENTER(S)	TAC	TOP OF ASPHALT CONCRETE
CEM	CEMENT	FOC	FACE OF CONCRETE	OD	OUTSIDE DIAMETER	TC	TOP OF CONCRETE
CI	CAST IRON	FOF	FACE OF FINISH	OFRD	OVERFLOW ROOF DRAIN	TER	TERRAZZO
CJ	CONTROL JOINT	FOM	FACE OF MASONRY	OH	OVERHEAD	TH	THICK(NESS)
CJF	CONTROL/CONSTRUCTION JOINT FILLED	FOS	FACE OF STUDS	OPNG	OPENING	TOC	TOP OF CONCRETE
		FO/C	FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR	PA	PLANTING AREA	TOS	TOP OF SEAT
CL	CENTERLINE			PFR	POLYURETHANE FOAM	TOW	TOP OF WALL
CLG	CEILING	FRMG	FRAMING	ROOFING		TP	TOP OF PAVING
CLR	CLEAR(ANCE)/COLOR	FRS	FIRE RETARDANT SEALANT	PJ	POUR JOINT	TV	TELEVISION
CMU	CONCRETE MASONRY UNIT	FS	FIXED SHELF	PL	PROPERTY LINE	TW	TOP OF WALK
CNTR	COUNTER	FTG	FOOTING	PLAM	PLASTIC LAMINATE	TWP	TRANSLUCENT WALL PANEL
CO	CLEAN OUT	FURR	FURRED (ING)	PLAS LAM	PLASTIC LAMINATE	TYP	TYPICAL
COB	CITY OF BAKERSFIELD	FV	FIELD VERIFY	PLAS	PLASTER	UCMT	UNGLAZED CERAMIC MOSAIC TILE
COC	CITY OF COALINGA	GA	GAGE, GAUGE	PLBG	PLUMBING		
COL	COLUMN	GI	GALVINIZED IRON	PRC	POLYURETHANE ROOF COATING	UG	UNDERGROUND
CONC	CONCRETE	GL	GLASS, GLAZING			UNO	UNLESS NOTED OTHERWISE
CONN	CONNECTION	GS	GLAZING SIDE	P.O.T.	PATH OF TRAVEL	URI	URINAL
CONT	CONTINUOUS OR CONTINUE	GWT	GLAZED WALL TILE	PSF	POUNDS PER SQUARE FOOT	VCT	VINYL COMPOSITION FLOOR TILE
COP	CONTROL OPERATIONS PANEL	GYP	GYPSUM	PSI	POUNDS PER SQUARE INCH	VCTB	VINYL COVERED TACKBOARD
CPT	CARPET(ED)	HB	HOSE BIBB	PT	PRESSURE TREATED	VER	VERIFY
CR	CARD READER	HC	HOLLOW CORE	PVMT	PAVEMENT	VERT	VERTICAL
CSVB	COVED SHEET VINYL BASE	HD	HEAVY DUTY	PWD	PLYWOOD	VTS	VINYL TACK SURFACE
CTSK	COUNTER SINK	HDR	HEADER	RA	RETURN AIR, RUBBER ACCESSORY	VWC	VINYL WALL COVERING
CU	CONDENSER UNIT	HDBD	HARDBOARD			W	WEST
d	PENNY (NAILS)	HDWD	HARDWOOD	RASF	RUBBERIZED ASPHALT SHEET FLASHING	W/	WITH
D	DRAWER	HDWR	HARDWARE			WC	WATER CLOSET
DBL	DOUBLE	HFEX	HALON FIRE EXTINGUISHER	RASWD	RUBBER ASPHALT SHEET WATER PROOFING	WD	WOOD
DEMO	DEMOLITION	HM	HOLLOW METAL			WH/	WHERE
DET	DETAIL	HORIZ	HORIZONTAL	RAD	RADIUS	WI	WROUGHT IRON
DF	DRINKING FOUNTAIN	HT	HEIGHT	RD	ROOF DRAIN	W/O	WITHOUT
DG	DECOMPOSED GRANITE	HVAC	HEATING/VENTILATING/ AIR CONDITIONING	REF	REFRIGERATOR	WP	WATERPROOFING
DIA	DIAMETER			REFL	REFLECTED	WRB	WEATHER RESISTIVE BARRIER
DIM	DIMENSION	ID	INSIDE DIAMETER	REG	REGISTER	WT	WEIGHT
DIS	DISABLED	INFO	INFORMATION	REQ(S)	REQUIREMENT(S)	WWF	WELDED WIRE FABRIC
DL	DEAD LOAD	INSUL	INSULATE (D), (ION)	REQ'D	REQUIRED	XFMR	TRANSFORMER
DN	DOWN	INT	INTERIOR	REV	REVISION(S), REVISED		
DS	DOWN SPOUT	JST	JOIST	RM	ROOM		
DTL	DETAIL	JT(S)	JOINTS	RO	ROUGH OPENING		
DTR	DUCT THRU ROOF	K	KICKER	ROW	RIGHT OF WAY		
DWG(S)	DRAWING(S)	KS	KNEE SPACE	RR	ROOF RAFTER		
E	EAST	LAV	LAVATORY	RS	REDUCER STRIP		
EA	EACH	LL	LIVE LOAD	RSTA	RUBBER STAIR TREAD ACCESSORY		
EDF	ELECTRIC DRINKING FOUNTAIN	LT	LIGHT				
EF	EXHAUST FAN	MAX	MAXIMUM	RWB	RUBBER WALL BASE		
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM	MB	MACHINE BOLT	S	SOUTH		
		MBL	MINI BLIND	SC	SOLID CORE		

17-01-11

APPROVALS

Recommended for Approval

DR WILLARD LEWALLEN — DATE
PRESIDENT

SHAUN BAILEY — DATE
M&O DIRECTOR

For Approval

DR. FRANK GORNICK — DATE
CHANCELLOR

KEN STOPPENBRINK — DATE
VICE CHANCELLOR
BUSINESS SERVICES

17-01-13

SYMBOLS

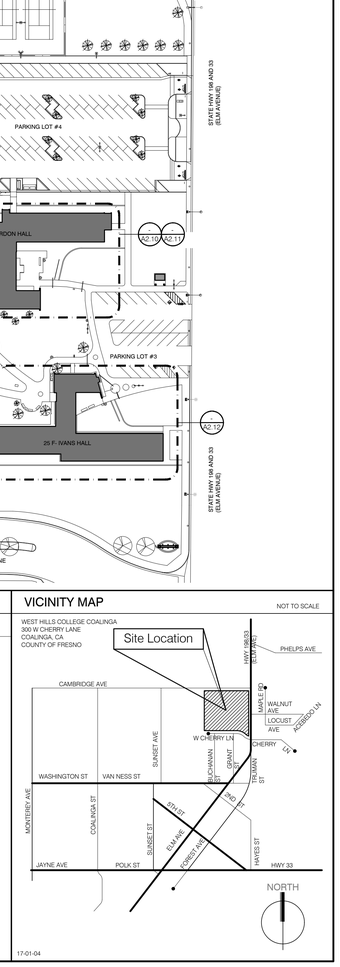
- COORDINATE LINE
- BUILDING SECTION NUMBER SHEET NUMBER
- DETAIL NUMBER SHEET NUMBER
- ELEVATION, X REFERENCE OR DATUM
- DOOR NUMBER
- WINDOW LETTER(S)
- REVISION NUMBER WITH CLOUD
- ACCESSORY NUMBER, REFER TO ACCESSORY SCHEDULE
- COLUMNS - SIZE AS NOTED ON STRUCTURAL SHEETS
- FLUSH SURFACES THAT MEET
- NOT IN CONTRACT BY OTHERS (NIC HAS TO BE WRITTEN WITH DASHED LINES)
- KEYNOTE
- WALL TYPE W/ LOCATION OF MULTIPLE LAYERS WH/ NOTED
- REDUCER STRIP/FLOOR ASSEMBLY- SEE SCHEDULE
- SEALANT DESIGNATION- SEE SCHEDULE
- FIRE RETARDANT SEALANT- SEE SCHEDULE
- ROOM REFERENCE
- WOOD FINISH
- WOOD CONTINUOUS
- WOOD BLOCKING
- PLYWOOD
- GYP BD
- DETAIL NUMBER/LETTER SHEET NUMBER
- EARTH MATERIAL
- GRANULAR FILL
- METAL FRAMING
- INSULATION - BATT
- STEEL
- PLASTIC, AS NOTED
- SAND
- INSULATION - RIGID FOAM, FIBERGLASS
- ASPHALTIC CONCRETE INSULATION - RIGID PERLITE
- CONCRETE

17-01-25

BUILDING DIRECTORY

	BUILDING	DSA #
01	BUILDING G	13531 AUG 30 1955
02	ADMINISTRATION	13531 AUG 30 1955/02-102789 OCT 16 2000
03	AUTO SHOPS	15883 JUL 09 1957
04	BUILDING H	13531 AUG 30 1955
05	BUILDING N	15883 JUL 09 1957/02-101655 MAR 04 2000
06	BUILDING J	13531 AUG 30 1955
07	DINING HALL	17411 AUG 30 1955/02-101549 JUN 2000
08	BUILDING P	13531 AUG 30 1955
09	BUILDING Q	15883 JUL 09 1957/02-101655 MAY 04 2000
10	FACULTY WING	13531 AUG 30 1955/02-102789 OCT 16 2000
11	GYMNASIUM	18571 JUN 17 1959/02-102789 OCT 16 2000
12	EVERETT HALL	13531 AUG 30 1955/02-103670 JUN 18 2002
13	LIBRARY	13531 AUG 30 1955/02-104965 APR 08 2003
15	SPEECH, ARTS, MUSIC	24871/02-102789 OCT 16 2000
16	STUDENT CENTER	13531 AUG 30 1955/02-102789 OCT 16 2000
24	GORDON HALL	21131-1962
25	IVANS HALL	17411 JUL 10 1958
26	BUILDING M	37652 OCT 30 1974
29	ALLIED HEALTH	31295 OCT 10 1968/02-102789 OCT 16 2000/02-103859 MAR 18 2002
33	DUPLICATION	-
35	BUSINESS OFFICE	39981 JAN 01 1977
36	CHILD DEVELOPMENT	46078 JAN 25 1985/02-102789 OCT 16 2000
37	WELLNESS	02-104483 JUN 12 2002
38	OFFICE	02-104483 JUN 12 2002
40	CDC RELOCATABLE	02-110842 AUG 11 2009
41	CDC RELOCATABLE	02-110842 AUG 11 2009
43	CDC EXPANSION	02-105871 APR 14 2004

VICINITY MAP



17-01-04

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WHCC DORM PLUMBING REPLACEMENT

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ARCHITECT C-19670

CONSULTANT

PROJECT INFO

Project No	391-0144
Date	02.07.19
DSA File No	##-##
DSA No	02-######

REVISIONS

No	Date	Item

THESE DRAWINGS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF AP ARCHITECTS. ALL DESIGNS AND DRAWINGS ARE FOR THE USE ON THE SPECIFIED PROJECT AND SHALL NOT BE USED OTHERWISE WITHOUT THE EXPRESSED WRITTEN PERMISSION OF AP ARCHITECTS. WRITTEN SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DETAILS SHALL BE SUBMITTED TO THIS OFFICE FOR APPROVAL BEFORE PROCEEDING WITH FABRICATION.
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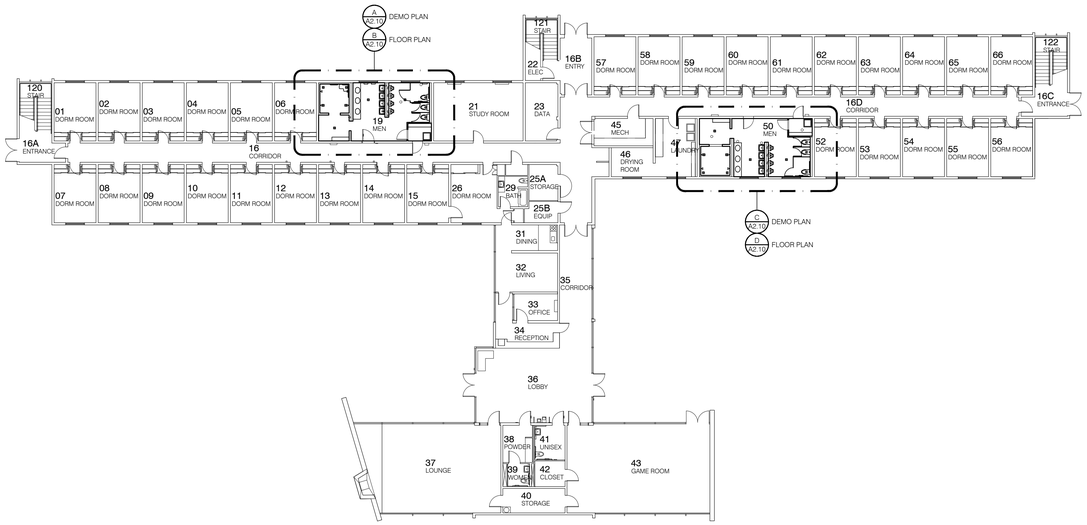
TITLE SHEET

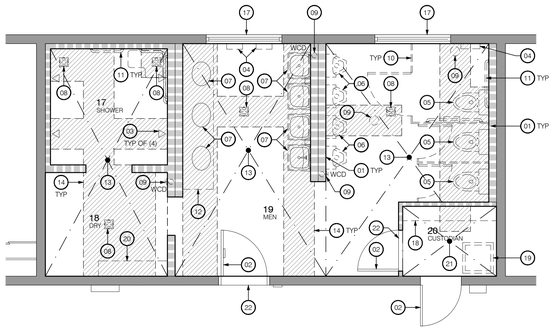
A0.00



24 - Gordon Hall First Floor Plan

Scale: 1/16" = 1'-0"

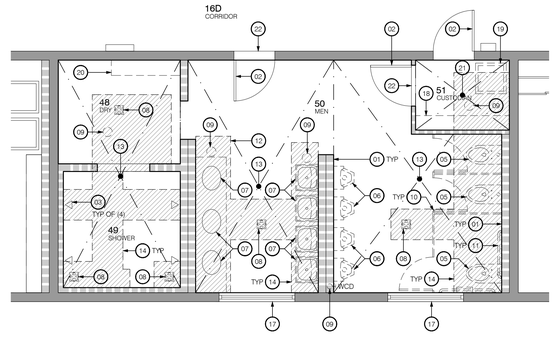
NORTH



A. Partial Demolition First Floor Plan - 19 Men

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

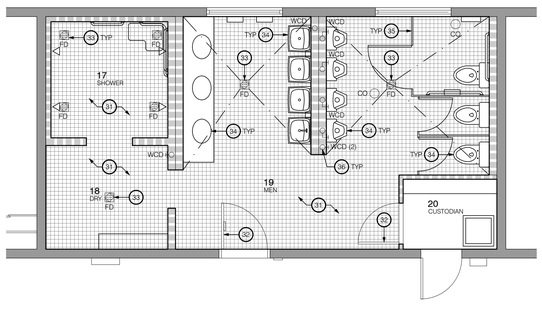
NORTH



C. Partial Demolition First Floor Plan - 50 Men

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

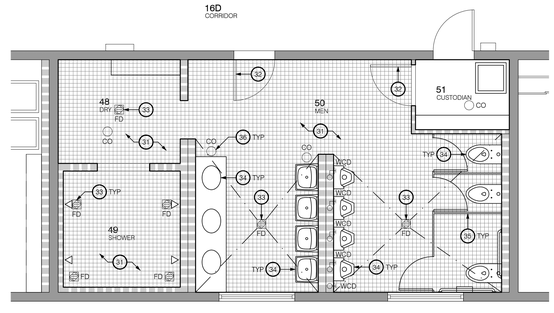
NORTH



B. Partial First Floor Plan - 19 Men

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

NORTH



D. Partial First Floor Plan - 50 Men

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

NORTH

DEMOLITION KEYNOTES

01 EXISTING WALL TO REMAIN - REMOVE/ PATCH AND REPLACE WALL FINISH AS NEEDED FOR PLUMBING REPLACEMENT WORK - SEE INTERIOR ELEVATIONS FOR MORE INFORMATION (06 A8.00)

02 EXISTING DOOR TO REMAIN

03 EXISTING SHOWER FIXTURE TO REMAIN

04 EXISTING ACCESSORY TO REMAIN - REMOVE/ REINSTALL AS NEEDED FOR CONSTRUCTION

05 REMOVE AND REINSTALL EXISTING WATER CLOSET - SEE PLUMBING SHEETS FOR MORE INFORMATION - CLEAN PLUMBING FIXTURE PRIOR TO REINSTALLATION

06 REMOVE AND REINSTALL EXISTING URINAL - SEE PLUMBING SHEETS FOR MORE INFORMATION - CLEAN PLUMBING FIXTURE PRIOR TO REINSTALLATION

07 REMOVE AND REINSTALL EXISTING SINK/ LAVATORY - SEE PLUMBING SHEETS FOR MORE INFORMATION - CLEAN PLUMBING FIXTURE PRIOR TO REINSTALLATION

08 REMOVE EXISTING FLOOR DRAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION

09 REMOVE EXISTING CLEAN OUT - SEE PLUMBING SHEETS FOR MORE INFORMATION

10 REMOVE AND REINSTALL EXISTING TOILET PARTITIONS - REINSTALL EX ACCESSORIES/ GRAB BARS

11 REMOVE AND REINSTALL EXISTING WALL ACCESSORY FOR PLUMBING REPLACEMENT AS NEEDED

12 REMOVE AND REINSTALL EXISTING COUNTER AS NEEDED FOR PLUMBING REPLACEMENT WORK - COUNTER TO BE RECAULKED TO WALL AFTER REINSTALLATION

13 REMOVE EX CERAMIC TILE OVER 4" MORTAR BED - REMOVE COMPLETE SYSTEM DOWN TO CONC SLAB

14 SAWCUT AND REMOVE EX CERAMIC TILE/ MORTAR BED - COMPLETE SYSTEM OVER CONC SLAB FOR PLUMBING LINE REPLACEMENT - VERIFY QUANTITY/ AREA - SEE FLOOR PLAN FOR PATCH BACK WORK. SEE PLUMBING SHEETS FOR PLUMBING WORK (06 A8.00)

15 REMOVE EXISTING DRINKING FOUNTAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION

16 REMOVE AND REINSTALL EXISTING BATH TUB - SEE PLUMBING SHEETS FOR MORE INFORMATION - CAULK TUB TO WALL

17 EXISTING WINDOW TO REMAIN

18 EX CABINETRY TO REMAIN

19 EX JANITOR SINK TO REMAIN

20 EX BENCH TO REMAIN

21 EX CONC FLOOR TO REMAIN

22 REMOVE AND REINSTALL THRESHOLD FOR FLOORING WORK

WALL LEGEND

EX CONC WALL

EX METAL STUDS AT 16" O/C

FLOOR PLAN KEYNOTES

31 INSTALL CERAMIC FLOOR TILE OVER MORTAR BED (06 A8.00)

32 EX DOOR - PAINT ALL FACES

33 FLOOR DRAIN - SEE PLUMBING SHEETS - SEE HEIGHT TO MATCH EX REMOVED

34 REINSTALL EX PLUMBING FIXTURE - SEE PLUMBING SHEETS FOR MORE INFORMATION

35 REINSTALL EX TOILET PARTITIONS

36 EX CERAMIC TILE FLOORING TO REMAIN - SAWCUT AREA AND PATCH TO MATCH EX FOR PLUMBING FIXTURE REPLACEMENT - VERIFY AREA OF DEMO REQUIRED (06 A8.00)

38 DRINKING FOUNTAIN - SEE PLUMBING SHEETS

39 OPEN WALL AND PATCH TO ACCESS DRINKING FOUNTAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION

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West Hills Community College District

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CONSULTANT

PROJECT INFO

Project No	391-0144
Date	02.07.19
DSA File No	##-##
DSA No	02-######

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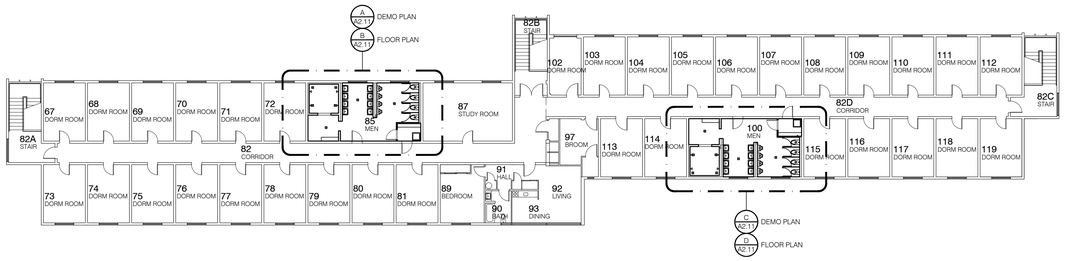
GORDON HALL - FIRST FLOOR/ PARTIAL DEMOLITION FLOOR PLANS/ PARTIAL FLOOR PLANS

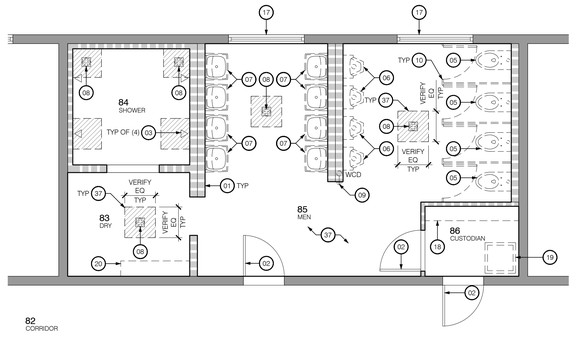
A2.10



24 - Gordon Hall Second Floor Plan

Scale: 1/16" = 1'-0"

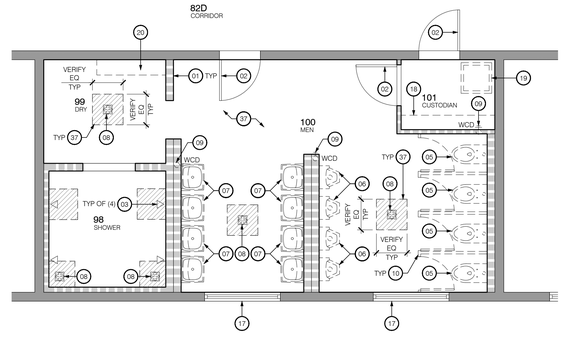
NORTH



A. Partial Demolition Second Floor Plan - 85 Men

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

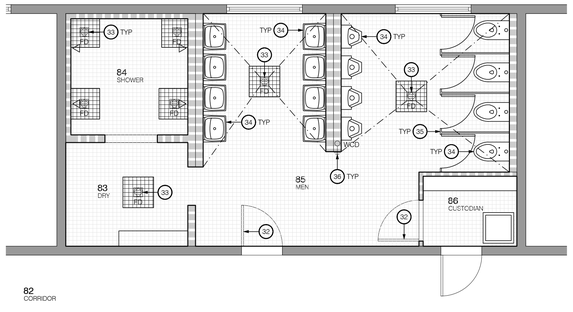
NORTH



C. Partial Demolition Second Floor Plan - 100 Men

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

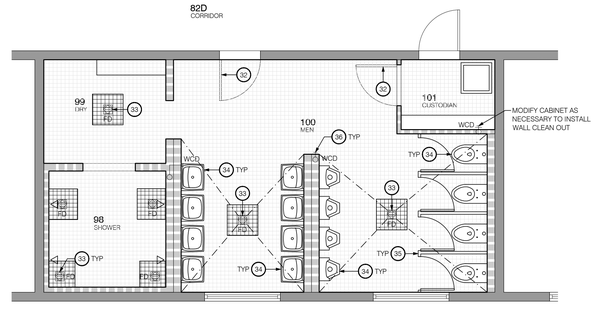
NORTH



B. Partial Second Floor Plan - 85 Men

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

NORTH



D. Partial Second Floor Plan - 100 Men

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

NORTH

DEMOLITION KEYNOTES

01. EXISTING WALL TO REMAIN - REMOVE/ PATCH AND REPLACE WALL FINISH AS NEEDED FOR PLUMBING REPLACEMENT WORK - SEE INTERIOR ELEVATIONS FOR MORE INFORMATION (06 / A8.00)
02. EXISTING DOOR TO REMAIN
03. EXISTING SHOWER FIXTURE TO REMAIN
04. EXISTING ACCESSORY TO REMAIN - REMOVE/ REINSTALL AS NEEDED FOR CONSTRUCTION
05. REMOVE AND REINSTALL EXISTING WATER CLOSET - SEE PLUMBING SHEETS FOR MORE INFORMATION - CLEAN PLUMBING FIXTURE PRIOR TO REINSTALLATION
06. REMOVE AND REINSTALL EXISTING URINAL - SEE PLUMBING SHEETS FOR MORE INFORMATION - CLEAN PLUMBING FIXTURE PRIOR TO REINSTALLATION
07. REMOVE AND REINSTALL EXISTING SINK/ LAVATORY - SEE PLUMBING SHEETS FOR MORE INFORMATION - CLEAN PLUMBING FIXTURE PRIOR TO REINSTALLATION
08. REMOVE EXISTING FLOOR DRAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION
09. REMOVE EXISTING CLEAN OUT - SEE PLUMBING SHEETS FOR MORE INFORMATION
10. REMOVE AND REINSTALL EXISTING TOILET PARTITIONS - REINSTALL EX ACCESSORIES/ GRAB BARS
11. REMOVE AND REINSTALL EXISTING WALL ACCESSORY FOR PLUMBING REPLACEMENT AS NEEDED
12. REMOVE AND REINSTALL EXISTING COUNTER AS NEEDED FOR PLUMBING REPLACEMENT WORK - COUNTER TO BE RECAULKED TO WALL AFTER REINSTALLATION
13. REMOVE EX CERAMIC TILE OVER 4" MORTAR BED - REMOVE COMPLETE SYSTEM DOWN TO CONC SLAB
14. SAWCUT AND REMOVE EX CERAMIC TILE/ MORTAR BED - COMPLETE SYSTEM OVER CONC SLAB FOR PLUMBING LINE REPLACEMENT - VERIFY QUANTITY/ AREA - SEE FLOOR PLAN FOR PATCH BACK WORK. SEE PLUMBING SHEETS FOR PLUMBING WORK (1) (06 / A8.00)
15. REMOVE EXISTING DRINKING FOUNTAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION
16. REMOVE AND REINSTALL EXISTING BATH TUB - SEE PLUMBING SHEETS FOR MORE INFORMATION - CAULK TUB TO WALL
17. EXISTING WINDOW TO REMAIN
18. EX CABINETRY TO REMAIN
19. EX JANITOR SINK TO REMAIN
20. EX BENCH TO REMAIN
21. EX CONC FLOOR TO REMAIN
22. REMOVE AND REINSTALL THRESHOLD FOR FLOORING WORK

WALL LEGEND

- EX CONC WALL
- EX METAL STUDS AT 16" O/C

FLOOR PLAN KEYNOTES

31. INSTALL CERAMIC FLOOR TILE OVER MORTAR BED (06 / A8.00)
32. EX DOOR - PAINT ALL FACES
33. FLOOR DRAIN - SEE PLUMBING SHEETS - SEE HEIGHT TO MATCH EX REMOVED
34. REINSTALL EX PLUMBING FIXTURE - SEE PLUMBING SHEETS FOR MORE INFORMATION
35. REINSTALL EX TOILET PARTITIONS
36. FLOOR CLEAN OUT - SEE PLUMBING SHEETS FOR MORE INFORMATION
37. EX CERAMIC TILE FLOORING TO REMAIN - SAWCUT AREA AND PATCH TO MATCH EX FOR PLUMBING FIXTURE REPLACEMENT - VERIFY AREA OF DEMO REQUIRED (06 / A8.00)
38. DRINKING FOUNTAIN - SEE PLUMBING SHEETS
39. OPEN WALL AND PATCH TO ACCESS DRINKING FOUNTAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION

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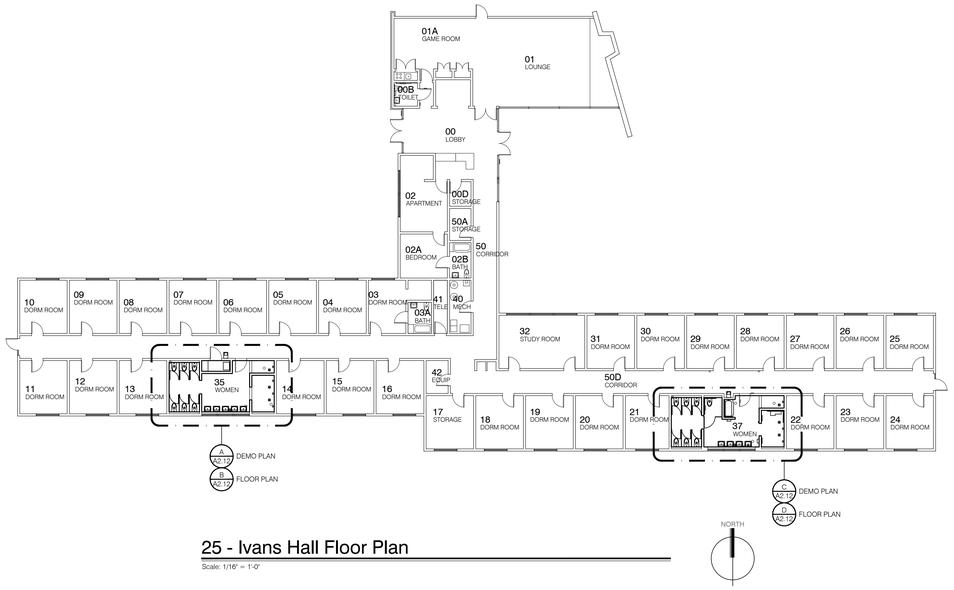
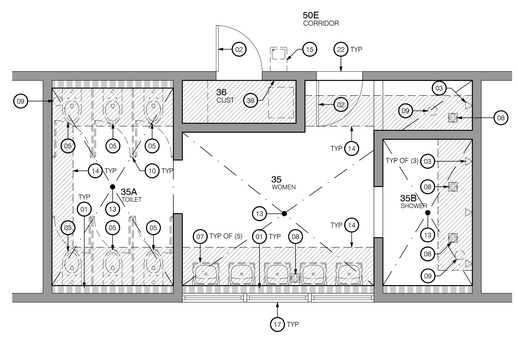
GORDON HALL - SECOND FLOOR/ PARTIAL DEMOLITION FLOOR PLANS/ PARTIAL FLOOR PLANS

A2.11



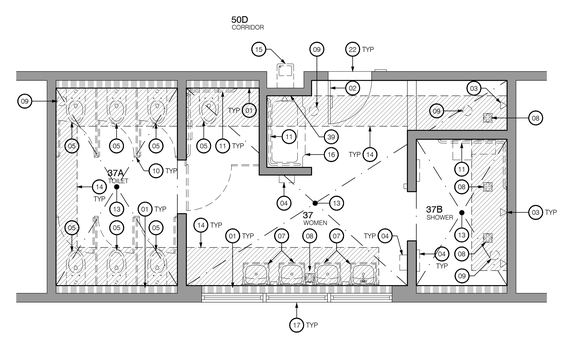
25 - Ivans Hall Floor Plan

Scale: 1/16" = 1'-0"



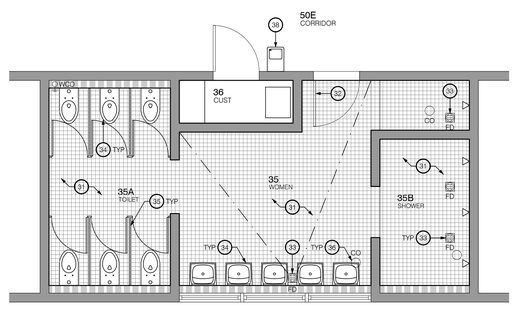
A. Partial Demolition Floor Plan - 35 Women

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



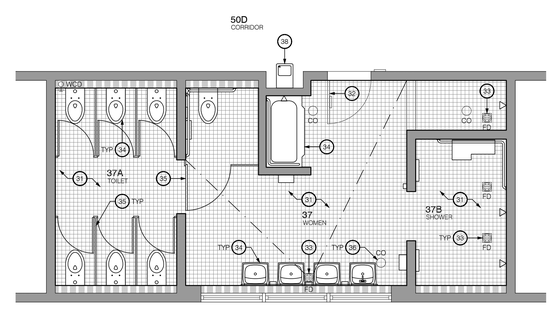
C. Partial Demolition Floor Plan - 37 Women

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



B. Partial Floor Plan - 35 Women

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



D. Partial Floor Plan - 37 Women

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

DEMOLITION KEYNOTES

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15 REMOVE EXISTING DRINKING FOUNTAIN - SEE PLUMBING SHEETS FOR MORE INFORMATION

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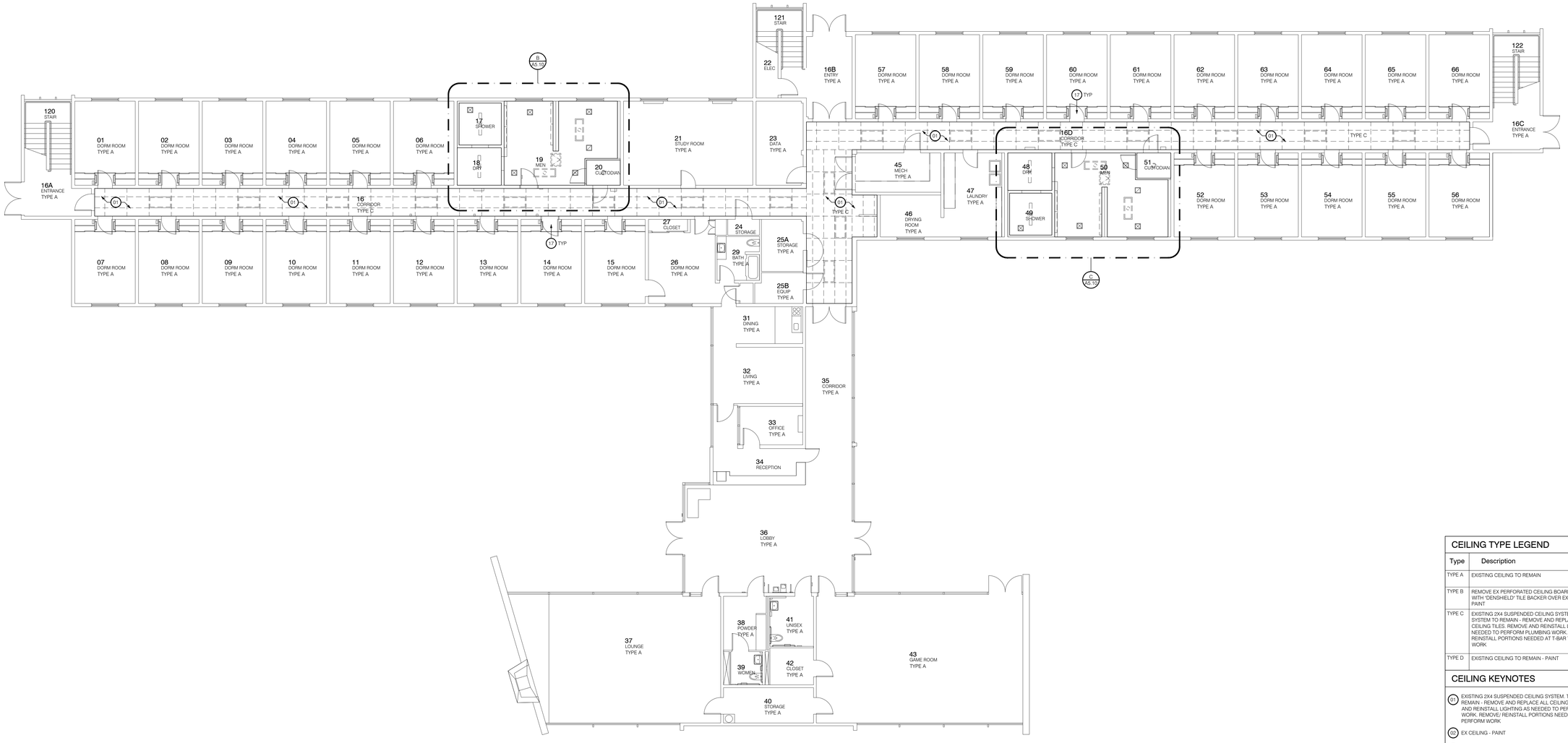
IVANS HALL - FLOOR PLAN/ PARTIAL DEMOLITION FLOOR PLANS/ PARTIAL FLOOR PLANS

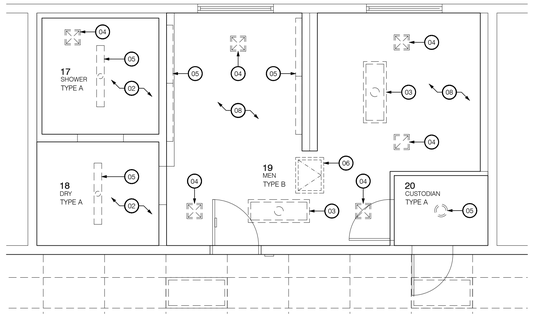
A2.12



A. 24 - Gordon Hall First Floor Reflected Ceiling Plan

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

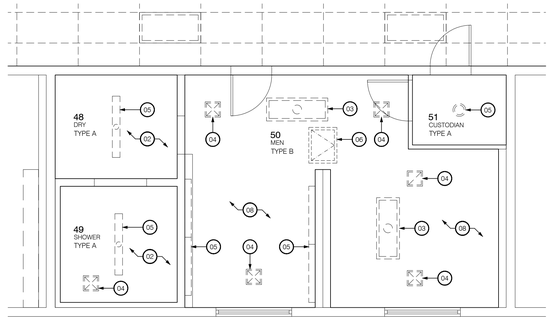
NORTH



B. Partial Reflected Ceiling Plan - 19 Men

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

NORTH



C. Partial Reflected Ceiling Plan - 50 Men

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

NORTH

CEILING TYPE LEGEND

Type	Description	Dtl
TYPE A	EXISTING CEILING TO REMAIN	
TYPE B	REMOVE EX PERFORATED CEILING BOARD. REPLACE WITH "DENSHIELD" TILE BACKER OVER EX FRAMING - PAINT	36 A8.00
TYPE C	EXISTING 2X4 SUSPENDED CEILING SYSTEM. T-BAR SYSTEM TO REMAIN - REMOVE AND REPLACE ALL CEILING TILES. REMOVE AND REINSTALL LIGHTING AS NEEDED TO PERFORM PLUMBING WORK. REMOVE/ REINSTALL PORTIONS NEEDED AT T-BAR TO PERFORM WORK	
TYPE D	EXISTING CEILING TO REMAIN - PAINT	

CEILING KEYNOTES

01 EXISTING 2X4 SUSPENDED CEILING SYSTEM. T-BAR SYSTEM TO REMAIN - REMOVE AND REPLACE ALL CEILING TILES. REMOVE AND REINSTALL LIGHTING AS NEEDED TO PERFORM PLUMBING WORK. REMOVE/ REINSTALL PORTIONS NEEDED AT T-BAR TO PERFORM WORK

02 EX CEILING - PAINT

03 REMOVE AND REINSTALL EX LIGHT FIXTURE

04 REPLACE VENT WITH EQUAL AND PAINT TO MATCH CEILING

05 EX LIGHT FIXTURE TO REMAIN

06 EX ACCESS PANEL - REMOVE/ REINSTALL AS NEEDED FOR NEW CEILING FINISH - PAINT TO MATCH CEILING

07 ACCESS PANEL TO FAN COIL AT EX WARDROBE CABINET

08 REMOVE EX PERFORATED CEILING BOARD. REPLACE WITH "DENSHIELD" TILE BACKER OVER EX FRAMING - PAINT (36 A8.00)

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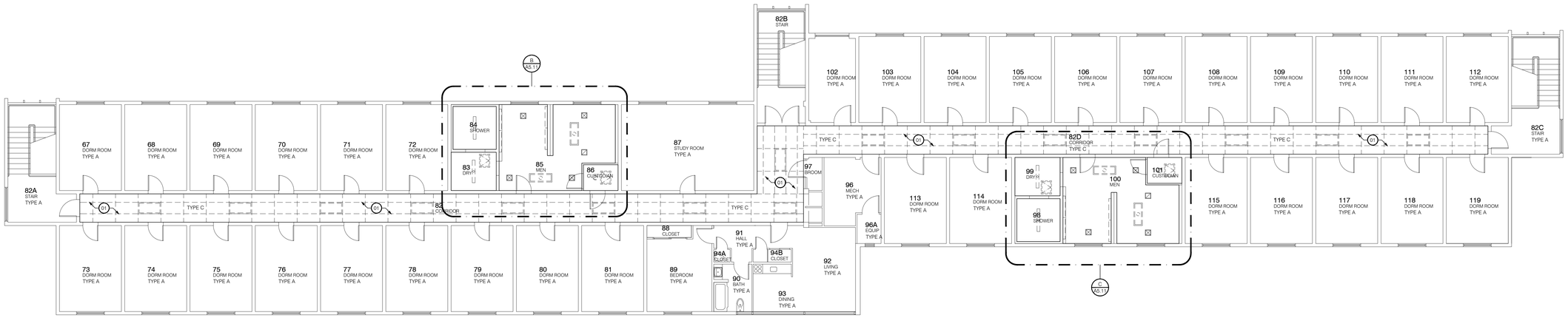
GORDON HALL - FIRST FLOOR REFLECTED CEILING PLANS

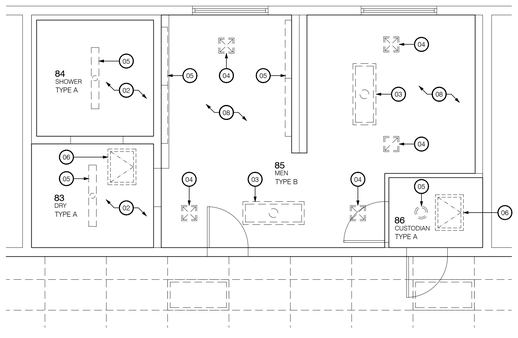
A5.10



A. 24 - Gordon Hall Second Floor Reflected Ceiling Plan

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

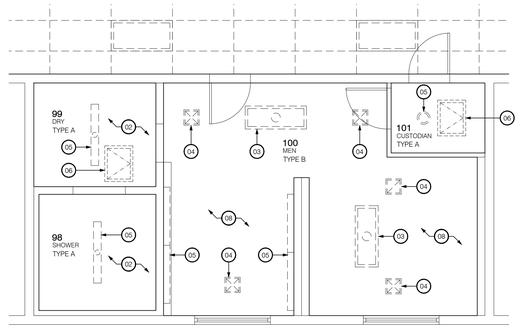
NORTH



B. Partial Reflected Ceiling Plan - 85 Men

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

NORTH



C. Partial Reflected Ceiling Plan - 100 Men

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

NORTH

CEILING TYPE LEGEND

Type	Description	Dtl
TYPE A	EXISTING CEILING TO REMAIN	
TYPE B	REMOVE EX PERFORATED CEILING BOARD. REPLACE WITH "DENSHIELD" TILE BACKER OVER EX FRAMING - PAINT	36 A8.00
TYPE C	EXISTING 2X4 SUSPENDED CEILING SYSTEM. T-BAR SYSTEM TO REMAIN - REMOVE AND REPLACE ALL CEILING TILES. REMOVE AND REINSTALL LIGHTING AS NEEDED TO PERFORM PLUMBING WORK. REMOVE/ REINSTALL PORTIONS NEEDED AT T-BAR TO PERFORM WORK	
TYPE D	EXISTING CEILING TO REMAIN - PAINT	

CEILING KEYNOTES

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03 REMOVE AND REINSTALL EX LIGHT FIXTURE

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05 EX LIGHT FIXTURE TO REMAIN

06 EX ACCESS PANEL - REMOVE/ REINSTALL AS NEEDED FOR NEW CEILING FINISH - PAINT TO MATCH CEILING

07 ACCESS PANEL TO FAN COIL AT EX WARDROBE CABINET

08 REMOVE EX PERFORATED CEILING BOARD. REPLACE WITH "DENSHIELD" TILE BACKER OVER EX FRAMING - PAINT 36 A8.00

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GORDON HALL - SECOND FLOOR REFLECTED CEILING PLANS

A5.11

A. 25 - Ivans Hall Reflected Ceiling Plan

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NORTH

B. Partial Reflected Ceiling Plan - 35 Women

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

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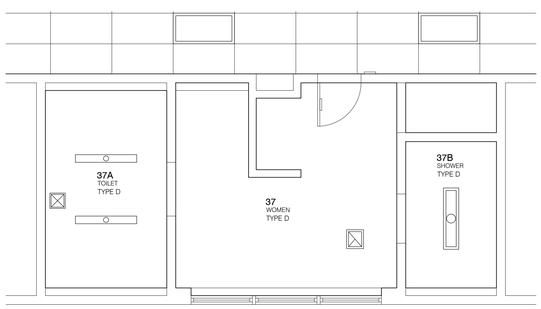

C. Partial Reflected Ceiling Plan - 37 Women

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

NORTH

CEILING TYPE LEGEND

Type	Description	Dtl
TYPE A	EXISTING CEILING TO REMAIN	
TYPE B	REMOVE EX PERFORATED CEILING BOARD. REPLACE WITH "DENSHIELD" TILE BACKER OVER EX FRAMING - PAINT	08 A8.00
TYPE C	EXISTING 2X4 SUSPENDED CEILING SYSTEM. T-BAR SYSTEM TO REMAIN - REMOVE AND REPLACE ALL CEILING TILES. REMOVE AND REINSTALL LIGHTING AS NEEDED TO PERFORM PLUMBING WORK. REMOVE/ REINSTALL PORTIONS NEEDED AT T-BAR TO PERFORM WORK	
TYPE D	EXISTING CEILING TO REMAIN - PAINT	

CEILING KEYNOTES

01 EXISTING 2X4 SUSPENDED CEILING SYSTEM. T-BAR SYSTEM TO REMAIN - REMOVE AND REPLACE ALL CEILING TILES. REMOVE AND REINSTALL LIGHTING AS NEEDED TO PERFORM PLUMBING WORK. REMOVE/ REINSTALL PORTIONS NEEDED AT T-BAR TO PERFORM WORK

02 EX CEILING - PAINT

03 REMOVE AND REINSTALL EX LIGHT FIXTURE

04 REPLACE VENT WITH EQUAL AND PAINT TO MATCH CEILING

05 EX LIGHT FIXTURE TO REMAIN

06 EX ACCESS PANEL - REMOVE/ REINSTALL AS NEEDED FOR NEW CEILING FINISH - PAINT TO MATCH CEILING

07 ACCESS PANEL TO FAN COIL AT EX WARDROBE CABINET

08 REMOVE EX PERFORATED CEILING BOARD. REPLACE WITH "DENSHIELD" TILE BACKER OVER EX FRAMING - PAINT 08 A8.00

17-02-09M

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WHCC DORM PLUMBING REPLACEMENT

West Hills College Coalinga

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West Hills Community College District

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REN 11-30-27
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JAMES PATRICK FOGARTY, AIA
ARCHITECT C-19670

CONSULTANT

PROJECT INFO

Project No	391-0144
Date	02.07.19
DSA File No	##-##
DSA No	02-######

REVISIONS

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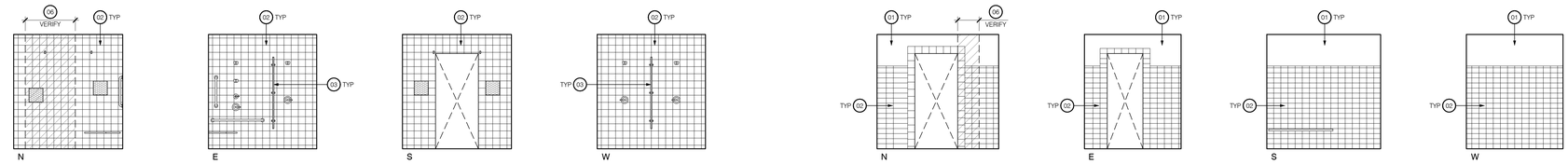
IVANS HALL -
REFLECTED CEILING PLAN/
PARTIAL REFLECTED CEILING PLANS

A5.12

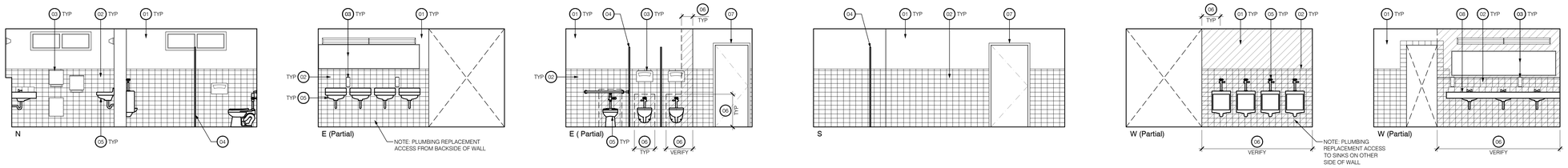


17 Shower

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

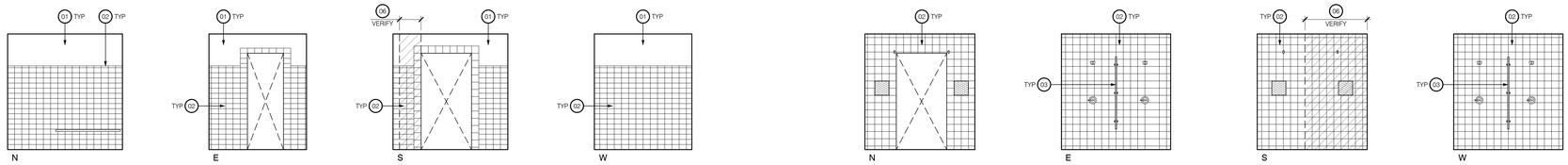
18 Dry

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



19 Men

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

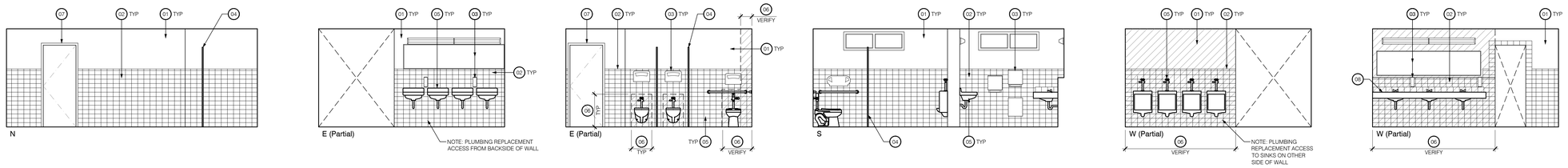


48 Dry

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

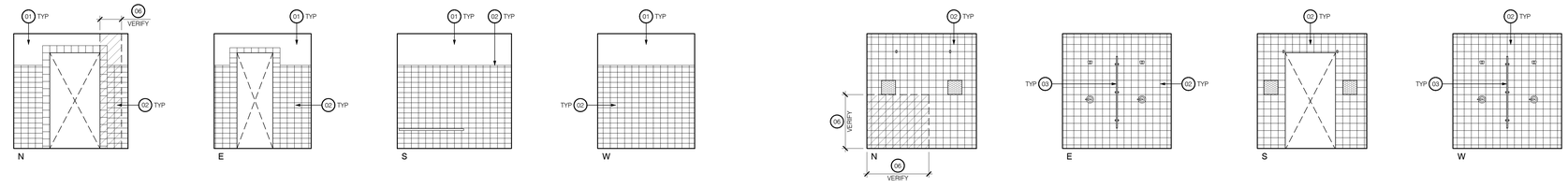
49 Shower

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



50 Men

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

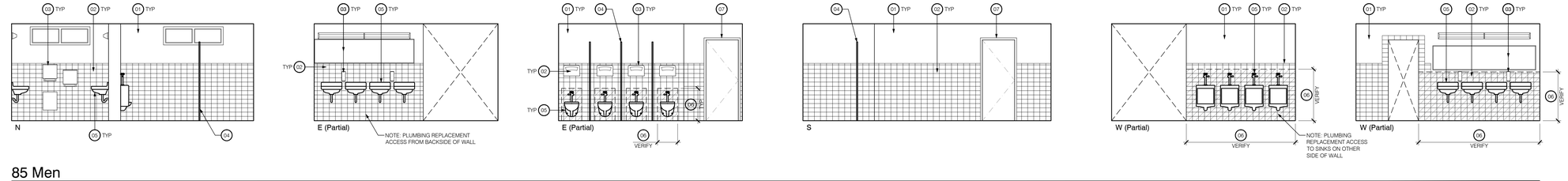


83 Dry

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

84 Shower

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



85 Men

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

INTERIOR ELEVATION KEYNOTES

01 EX GYP BD FINISH - PAINT

02 EX CERAMIC TILE TO REMAIN - CLEAN TILE AFTER CONSTRUCTION IN AREA

03 EX WALL MOUNTED ACCESSORY TO REMAIN - REMOVE/ REINSTALL AS NEEDED FOR CONSTRUCTION

04 EX PARTITION - REMOVE AND REINSTALL AS NEEDED FOR CONSTRUCTION

05 BATHROOM FIXTURE - REMOVE AND REINSTALL - SEE PLANS

06 REMOVE WALL TILE/ WALL FINISH FOR PLUMBING WORK INSIDE WALLS. REMOVE AREA IN UNIFORM RECTANGLE AREAS - PATCH WALL FINISH/ TILE TO MATCH EX ADJACENT FINISHES - MATCH TILE AS CLOSE AS POSSIBLE TO EX - SUBMIT TO ARCHITECT/ OWNER FOR APPROVAL

07 EX DOOR/ JAMB - CLEAN/ PAINT

08 EX SINK/ COUNTER

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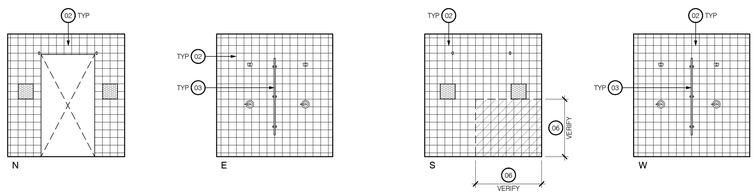
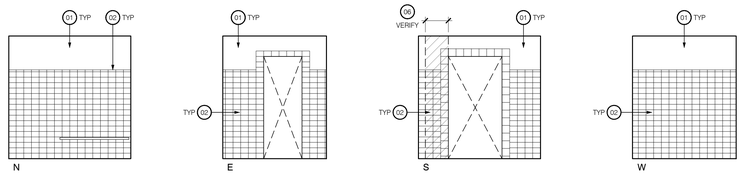
INTERIOR ELEVATIONS

A6.00



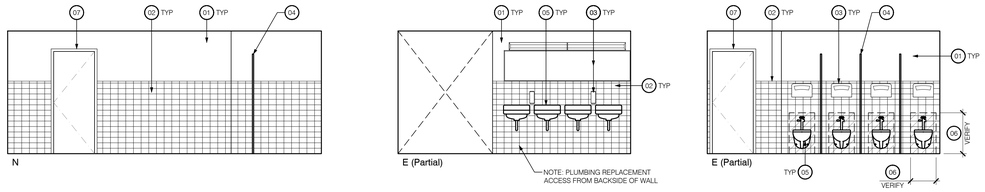
98 Shower

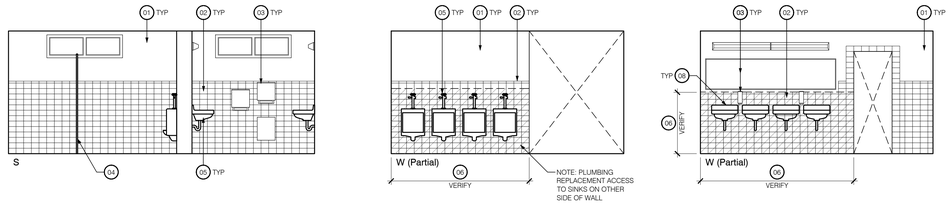
Scale: 1/4" = 1'-0"



99 Dry

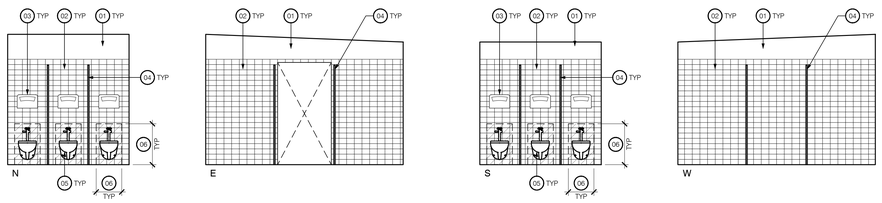
Scale: 1/4" = 1'-0"





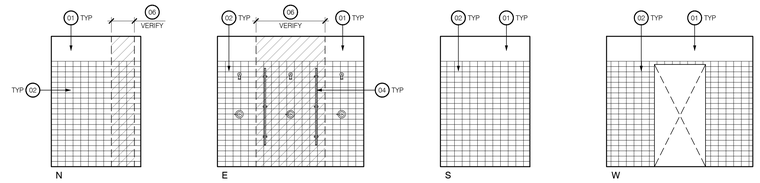
100 Men

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



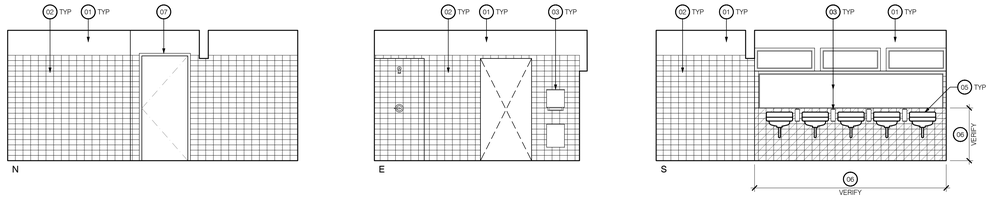
35A Toilet

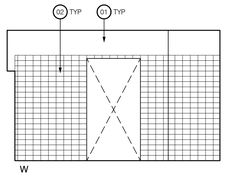
Scale: 1/4" = 1'-0"



35B Shower

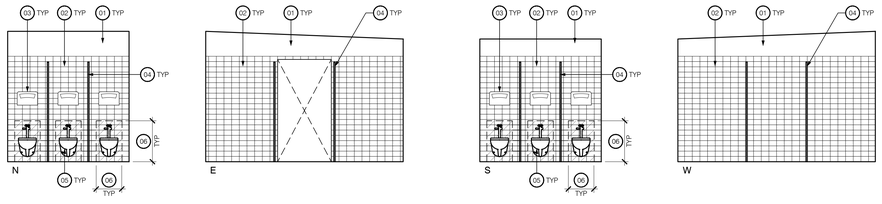
Scale: 1/4" = 1'-0"





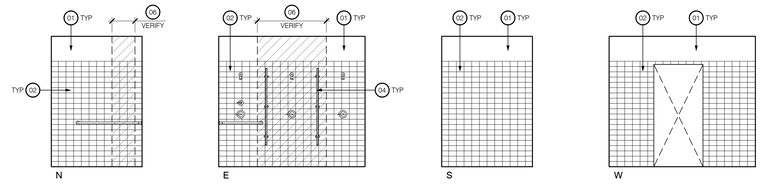
35 Women

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



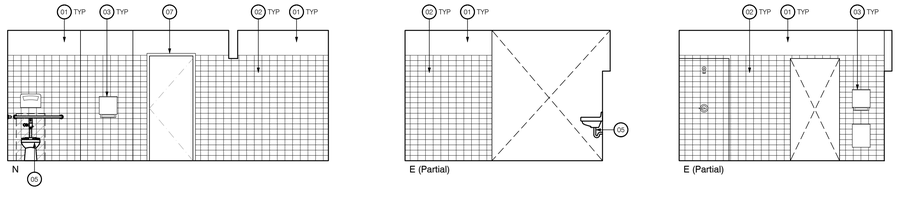
37A Toilet

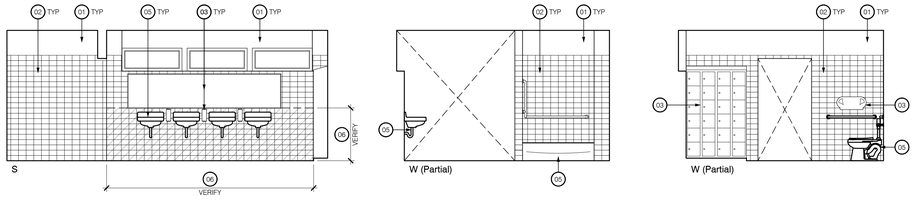
Scale: 1/4" = 1'-0"



37B Shower

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





37 Women

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

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INTERIOR ELEVATIONS

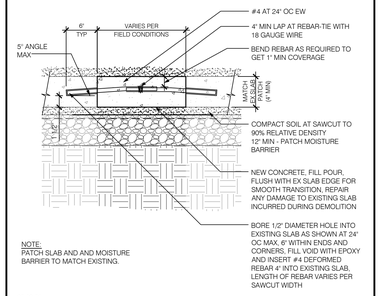
A6.01

11 NOT USED

12 NOT USED

13 NOT USED

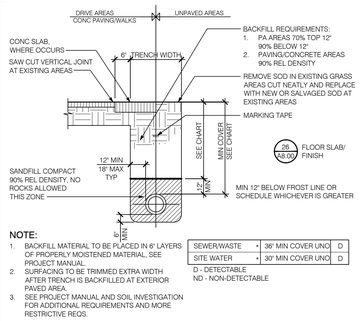
14 NOT USED



NOTE:
PATCH SLAB AND AND MOISTURE BARRIER TO MATCH EXISTING.

03-09-01

15 CONCRETE FILL AT SAWCUT : 1 1/2"



NOTE:
1. BACKFILL MATERIAL TO BE PLACED IN 6" LAYERS OF PROPERLY MOISTENED MATERIAL, SEE PROJECT MANUAL.
2. SURFACING TO BE TRIMMED EXTRA WIDTH AFTER TRENCH IS BACKFILLED AT EXTERIOR PAVED AREA.
3. SEE PROJECT MANUAL AND SOIL INVESTIGATION FOR ADDITIONAL REQUIREMENTS AND MORE RESTRICTIVE REQS.

SEWER/WASTE	•	36" MIN COVER UNO	D
SITE WATER	•	30" MIN COVER UNO	D

D - DETECTABLE
ND - NON-DETECTABLE

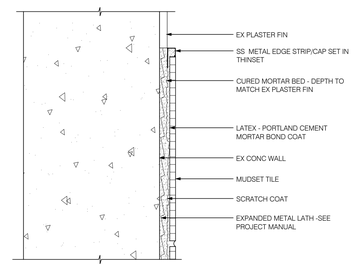
02-07-04

16 TYPICAL UTILITY TRENCH : 1/2"

21 NOT USED

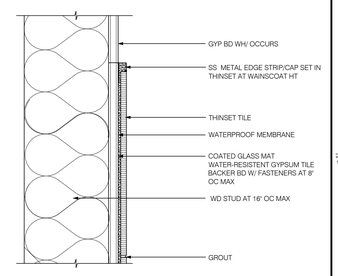
22 NOT USED

23 NOT USED



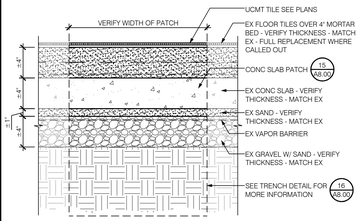
A2.20

24 TILE AT CONC WALL (TCNA W202E) : 3"



A2.20

25 TILE AT STUD WALL (TCNA W245) : 3"

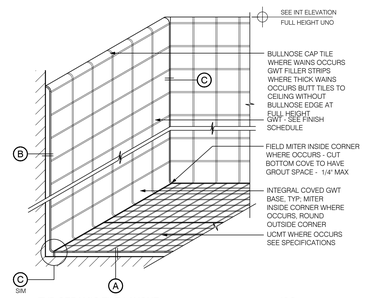


26 CERAMIC FLOOR TILE/ SLAB PATCH : 1 1/2"

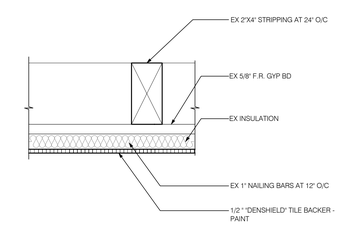
31 NOT USED

32 NOT USED

33 NOT USED



TYP CERAMIC TILE LAYOUT : ISO

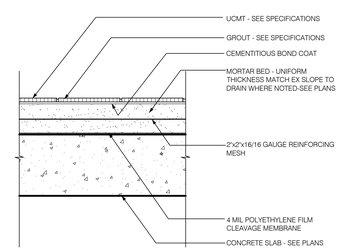


36 CEILING PATCH/ REPLACEMENT : 3"

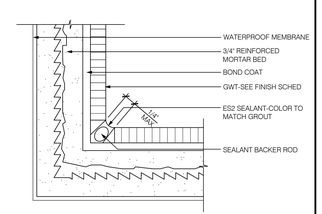
41 NOT USED

42 NOT USED

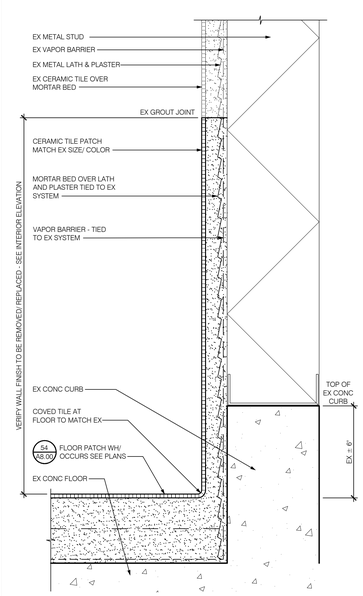
43 NOT USED



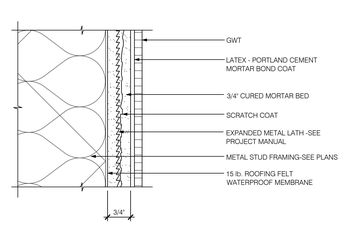
A UCMT AT INT FLOOR TCNA F111 : 3"



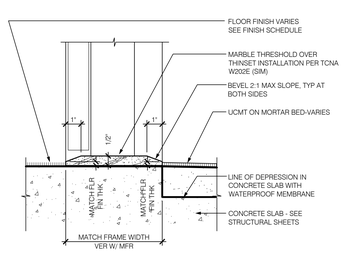
C EJ - GWT VERTICAL CONDITION : NTS



56 CERAMIC FLOOR TILE/ WALL PATCH : 3"



B GWT AT METAL STUD TCNA W241 : 6"



NOTE:
VERIFY DOOR FRAME PROFILE PRIOR TO FABRICATION OF THRESHOLD-FIT TO FRAME SHAPE

E MARBLE THRESHOLD - TYP : 3"

09-07-01M

51 NOT USED

52 NOT USED

53 NOT USED

54 TYPICAL TILE DETAILS : AS NOTED

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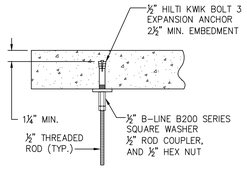
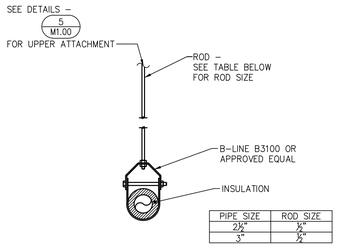
DETAILS

A8.00

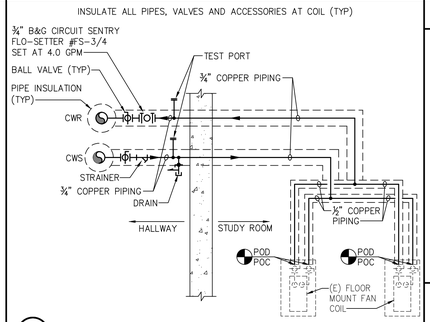


6 UPPER CONNECTION FOR THREADED ROD
NTS

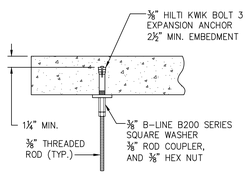


PIPE SIZE	ROD SIZE
2½"	⅜"
3"	½"

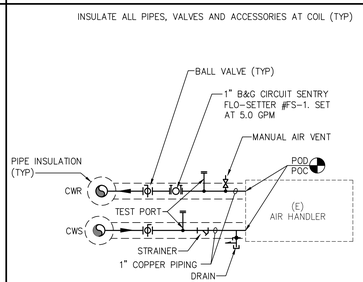
5 TYPICAL PIPE HANGER
NTS



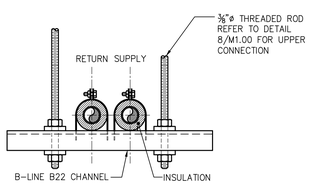
3 EXISTING STUDY ROOM FLOOR MOUNTED FAN COIL
NTS



8 UPPER CONNECTION FOR THREADED ROD
NTS

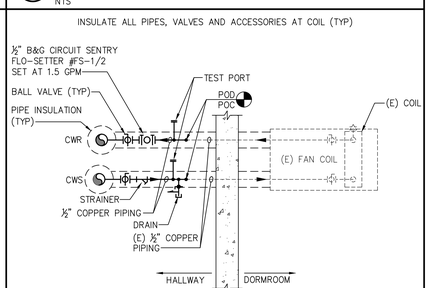


2 EXISTING APARTMENT AIR HANDLER
NTS



PIPE SIZE	ROD SIZE
¾"	⅜"
1"	⅜"
1¼"	⅜"
1½"	⅜"
2"	⅜"

7 PIPE SUPPORT
NTS



1 EXISTING DORM ROOM FAN COIL
NTS

MECHANICAL GENERAL NOTES

All work shown herein shall comply with the requirements of the following codes:
- 2025 California Administrative Code (CAC): Part 1, Title 24, California Code of Regulations (CCR)
- 2025 California Building Code (CBC): Part 2, Title 24 CCR
- 2025 California Electrical Code (CEC): Part 3, Title 24 CCR
- 2025 California Mechanical Code (CMC): Part 4, Title 24,CCR
- 2025 California Plumbing Code (CPC): Part 5, Title 24 CCR

Furnish all labor, materials, transportation, and perform all required operations to provide complete and operable mechanical system, in accordance with the full intent and meaning of the drawings and specifications.

All locations of ductwork and equipment are shown diagrammatically. Adhere to locations as closely as possible, vary runs or shape of ductwork as required to meet structural and other interferences as required by the Architect.

Cutting, boring, sawcutting or drilling through the new or existing structural elements to be done only when detailed in the drawings or accepted by the Architect in writing, reviewed by project inspector, and with the approval of DSA representative.

Duct dimensions shown are internal. All duct shall be fabricated and installed per Chapter 6, CMC.

The contractor shall submit shop drawings and catalog sheets to the Architect of all mechanical equipment items for approval.

All equipment shall be installed with sufficient access to controls, filters, electric motors, etc. Access clearance shall be 30" or as required by the equipment manufacturer, which ever is greater. Contractors shall provide access panels where required.

The Mechanical Contractor shall coordinate all air terminals with reflected ceiling plan and all ductwork locations with work of other trades before proceeding with fabrication.

The Mechanical Contractor shall coordinate with general contractor for access to all dampers, equipment, as well as platform and curb locations, and shall make all platforms and curbs level.

Ductwork Insulation – Non Residential Mandatory Requirements:
All ductwork shall be insulated in accordance with Section 120.4 of the 2025 California Energy Code (CEC).

Control wiring shall be in electrical conduit. If conduit is subject to physical damage use rigid conduit. If wiring is in a concealed air plenum use plenum rated electrical conduit.

Controls or switches intended to be used by the occupant of a room or area to control heating, cooling or ventilation equipment shall be mounted at the heights given by section 11B–308 of the CBC. Notify the architect immediately if the mounting heights required by the CBC cannot be obtained at the location where the control device is shown on the mechanical floor plans.

MECHANICAL MATERIAL NOTES

All supply and return ductwork shall be galvanized sheet metal, unless specifically indicated, and shall be constructed in strict accordance with sheet metal and conditioning contractors national association (SMACNA) standards for low pressure ducting.

All exposed duct shall be low pressure United Sheet Metal spiral lockseam duct or approved equal.

Flash and counterflash all roof penetrations as required to seal weather tight.

All ductwork shall be insulated in accordance with Section 120.4 of the 2019 California Energy Code (CEC).

All hot water piping shall be 1" minimum thickness and all refrigeration piping shall be ¾" minimum thickness, insulated in accordance with Table 120.3–A of the 2019 California Energy Code (CEC).

Thermostats shall be automatic changeover with 10°F differential between set points for full heating and full cooling. Set points for heating and cooling shall be independent, thermostats shall have setback capability.

Concealed supply and return ductwork shall be sealed airtight with Hardcast Foil–Grip #1402 tape (or approved equal) at all joints, and then joined by screws or rivets. Seal duct joints of ducts exposed to weather with Hardcast tape and RTA–50 adhesive on all sides.

Ductwork shall be adequately supported per SMACNA AG 5–4 with strap hangers.

After installation, system shall be balanced to indicated airflows (±10%). Submit balance report indicating final airflows, supply air and return air static pressures, fan amperage, and fan RPM to Mechanical Engineer for approval.

Submittals shall be required for all equipment and system components prior to installation for approval to Mechanical Engineer.

Refer to Title 24 report for Acceptance Testing requirements (form NRCC–PRF–01).

HVAC ABBREVIATIONS

AC	AIR CONDITION(–ING,–ED)	DB	DRY BULB TEMPERATURE	GYP	GYPSUM	RA	RETURN AIR
ABV	ABOVE	DET	DETAIL	HD	HEAD	REFRIG	REFRIGERANT
AFF	ABOVE FINISHED FLOOR	DN	DOWN	HP	HORSEPOWER	RM	ROOM
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY	DSA	DEPARTMENT OF THE STATE ARCHITECT	HZ	HERTZ	RND	ROUND
AHJ	AUTHORITY HAVING JURISDICTION	(E)	EXISTING	IMP	IMPELLER	SA	SUPPLY AIR
ALUM	ALUMINUM	EA	EXHAUST AIR	IWC	INCHES OF WATER COLUMN	SEER	SEASONAL ENERGY EFFICIENCY
AMB	AMBIENT	EDB	ENTERING DRY BULB TEMPERATURE	KW	KILOWATT INPUT	SFD	SMOKE FIRE DAMPER
ARCH	ARCHITECTURAL	EER	ENERGY EFFICIENCY RATIO	LBS	POUNDS	SHT	SHEET
ARI	AMERICAN REFRIGERATION INSTITUTE	EFF	EFFICIENCY	LWT	LEAVING WATER TEMPERATURE	SM	SHEET METAL
BD	BOARD	ELEC	ELECTRICAL	MBH	BTU PER HOUR (THOUSAND)	SOV	SHUT OFF VALVE
BDD	BACKDRAFT DAMPER	ESP	EXTERNAL STATIC PRESSURE	MCA	MINIMUM CIRCUIT AMPS	SP	STATIC PRESSURE
BEL	BELOW	EWB	ENTERING WET BULB	MFGR	MANUFACTURE OR MANUFACTURER	SQ	SQUARE
BHP	BRAKE HORSE POWER	EWT	ENTERING WATER TEMPERATURE	MU/MUA	MAKE UP AIR	SS	STAINLESS STEEL
BLDG	BUILDING	EVAP	EVAPORATOR	(N)	NEW	SSE	STEADY STATE EFFICIENCY
BTUH	BRITISH THERMAL UNIT / HOUR	FA	FACE AREA	NOM	NOMINAL	SST	SATURATED SUCTION TEMPERATURE
CA	COMBUSTION AIR	FC	FLEXIBLE CONNECTION	NTS	NOT TO SCALE	TYP	TYPICAL
CAP	CAPACITY	FD	FIRE DAMPER	OA	OUTSIDE AIR	TXV	THERMAL EXPANSION VALVE
CD	CONDENSATE DRAIN	FLA	FULL LOAD AMP	OAI	OUTSIDE AIR INTAKE	UON	UNLESS OTHERWISE NOTED
CFD	CEILING FIRE DAMPER	FPM	FEET PER MINUTE	OBD	OPPOSED BLADE DAMPER	VD	VOLUME DAMPER
CFM	CUBIC FEET PER MINUTE	FSC	FAN SPEED CONTROL	OPT	OPERATING	WB	WET BULB TEMPERATURE
CONN	CONNECTION	GA	GAGE OR GAUGE	OSHPD	OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT	WC	WATER COLUMN
CONT	CONTINUATION	GALV	GALVANIZED	PD	PRESSURE DROP	WG	WATER GAUGE
CSE	CALIFORNIA SEASONAL EFFICIENCY	GPM	GALLONS PER MINUTE	PSI	POUNDS PER SQUARE INCH	WT	WEIGHT

HVAC LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
		CEILING SUPPLY
		CEILING RETURN
		CEILING EXHAUST
		SIDEWALL DIFFUSER, REGISTER, GRILLE OR LOUVER
		DUCT (RECTANGULAR)
		DUCT (ROUND)
	24x12L	LINED DUCTWORK
		TURNING VANE
		FLEXIBLE DUCT
	FC	FLEXIBLE CONNECTION
	VD	MANUAL AIR VOLUME DAMPER
OAI / 500		OUTSIDE AIR INTAKE / MIN. CFM
AC–1		ROOM THERMOSTAT – SUBSCRIPT INDICATES UNIT CONTROLLED
Ø	DIA	DIAMETER
	CEF	CEILING EXHAUST FAN
	POC/POD	POINT OF CONNECTION OR DISCONNECTION
		DUCTWORK/EQUIPMENT TO BE REMOVED
DL 1FT²	DL	DOOR LOUVER – SUBSCRIPT INDICATES REQUIRED FREE AREA
		ACCESS CLEARANCE AREA – 30" OR AS REQUIRED BY THE EQUIPMENT MANUFACTURER, WHICH EVER IS GREATER

HYDRONIC LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
CWS	CWS	CIRCULATING WATER SUPPLY (HOT OR CHILLED)
CWR	CWR	CIRCULATING WATER RETURN (HOT OR CHILLED)
		3–WAY VALVE
		2–WAY VALVE
		GATE VALVE
		PLUG VALVE
		BUTTERFLY VALVE
		BALL VALVE
		PRESSURE REDUCING VALVE
		FLOW CONTROL VALVE
		DDC TEMPERATURE PORT
		UNION
P		PRESSURE GAUGE
PS		PRESSURE SENSOR
		REDUCE PRESSURE BACKFLOW PREVENTER
		FLEXIBLE PIPE CONNECTION
MAV	MAV	MANUAL AIR VENT
		THERMOMETER
		PRESSURE RELIEF VALVE
		REDUCER
		IN–LINE PUMP
		HOSE END DRAIN
		TEST PORT
		CHECK VALVE
		STRAINER
		FLANGE
TS		TEMPERATURE SENSOR
		PIPE INTERSECTION
		PIPE UP, PIPE DOWN

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BME JOB #26–100

PROJECT INFO

Project No	391–0144
Date	01.23.26
DSA File No	
DSA No	

REVISIONS

No	Date	Item

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MECHANICAL
SCHEDULE, NOTES, LEGEND, ABBREVIATIONS & DETAILS

M1.00

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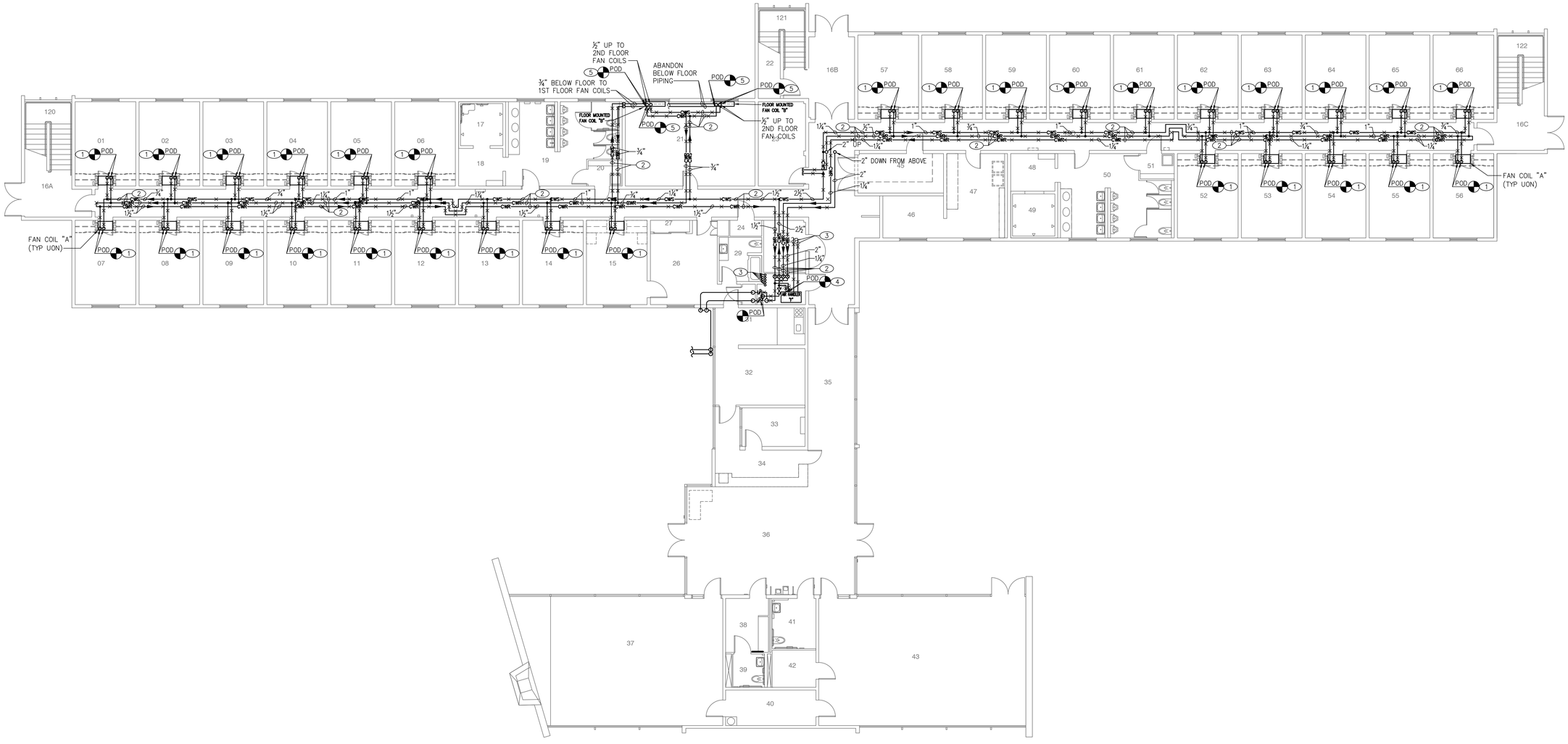
This demolition plan was prepared for the convenience of the contractor. The Engineer does not represent that all items which may require demolition have been shown. It shall be the responsibility of the contractor to carefully examine the site and the contract documents and to perform all demolition and reconstruction which may be required for the proper execution and completion of the work.

DEMOLITION NOTES

1. POD and remove all existing circulating water piping at fan coil. Refer to detail #1/M1.00 for new piping schematic.
2. Remove all existing circulating water piping, supports and accessories.
3. Remove all abandoned piping, refrigeration piping, supports and accessories.
4. POD and remove all existing circulating water piping at air handler. Refer to detail #2/M1.00 for new piping schematic.
5. POD and remove all existing circulating water piping at floor mounted fan coil. Refer to detail #3/M1.00 for new piping schematic.



A. 24 - Gordon Hall Mechanical Demolition First Floor Plan

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

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GORDON HALL
MECHANICAL DEMOLITION
FIRST FLOOR PLAN

M2.10

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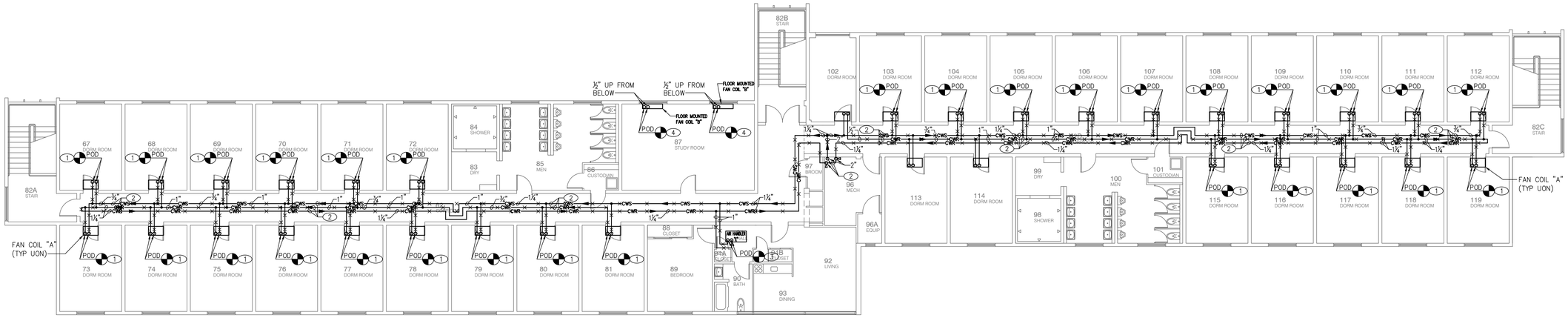
DEMOLITION NOTES

1. POD and remove all existing circulating water piping at fan coil. Refer to detail #1/M1.00 for new piping schematic. Fan coil to remain.
2. Remove all existing circulating water piping, supports and accessories.
3. POD and remove all existing circulating water piping at air handler. Refer to detail #2/M1.00 for new piping schematic.
4. POD and remove all existing circulating water piping at floor mounted fan coil. Refer to detail #3/M1.00 for new piping schematic.



A. 24 - Gordon Hall Mechanical Demolition Second Floor Plan

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

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MECHANICAL
GORDON HALL
SECOND FLOOR PLAN

M2.11

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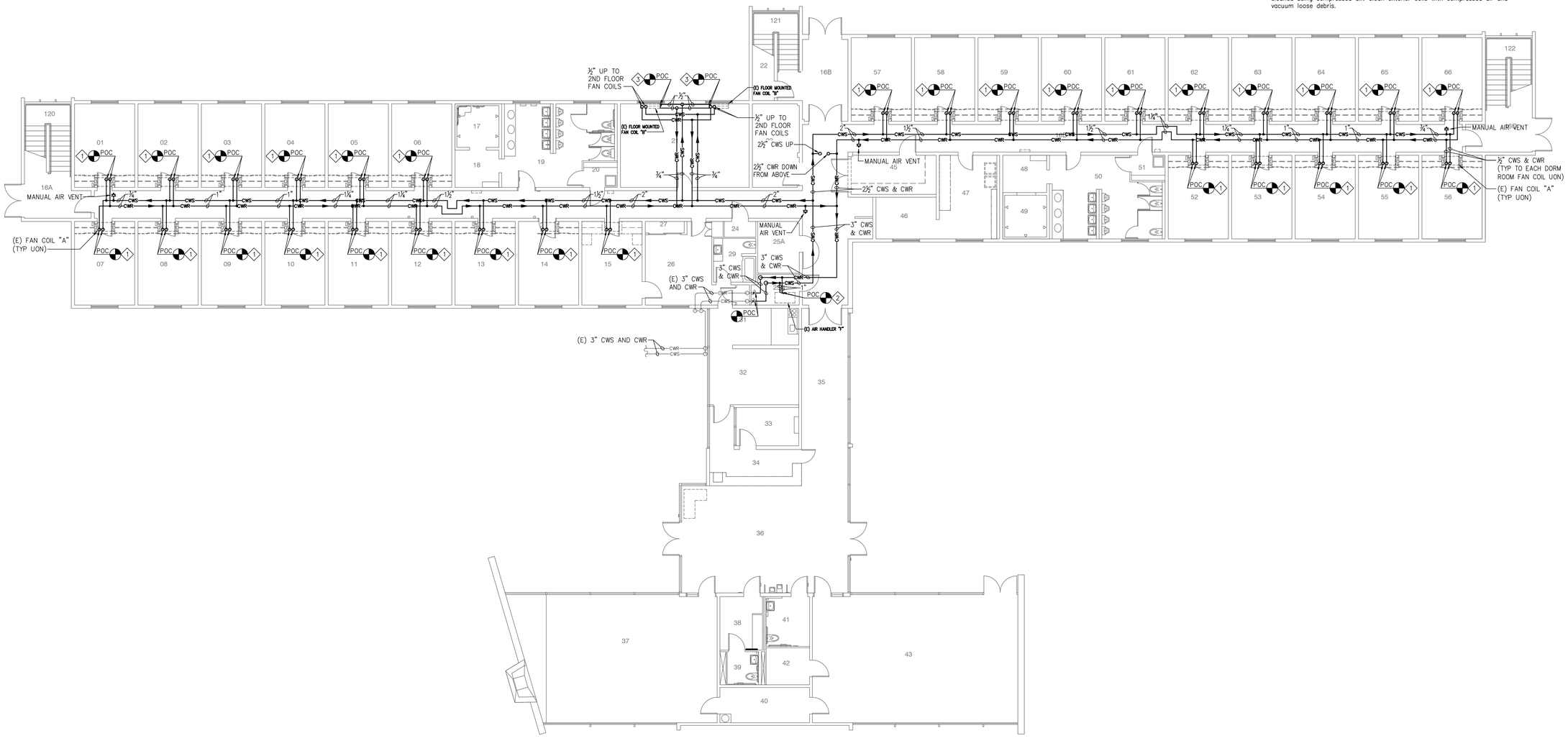
CONSTRUCTION NOTES

1. POC to existing fan coil. Refer to detail #1/M1.00 for new piping schematic.
2. POC to existing air handler. Refer to detail #2/M1.00 for new piping schematic.
3. POC to existing fan coil. Refer to detail #3/M1.00 for new piping schematic.

FAN COIL AND PIPE CLEANING

Copper piping downstream of POD and through the coil tubing shall be cleaned using compressed air. Clean exterior coils with compressed air and vacuum loose debris.



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GORDON HALL
MECHANICAL
FIRST FLOOR PLAN

M2.12

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CONSTRUCTION NOTES

1. POC to existing fan coil. Refer to detail #1/M1.00 for new piping schematic.
2. POC to existing air handler. Refer to detail #2/M1.00 for new piping schematic.
3. POC to existing fan coil. Refer to detail #3/M1.00 for new piping schematic.

FAN COIL AND PIPE CLEANING

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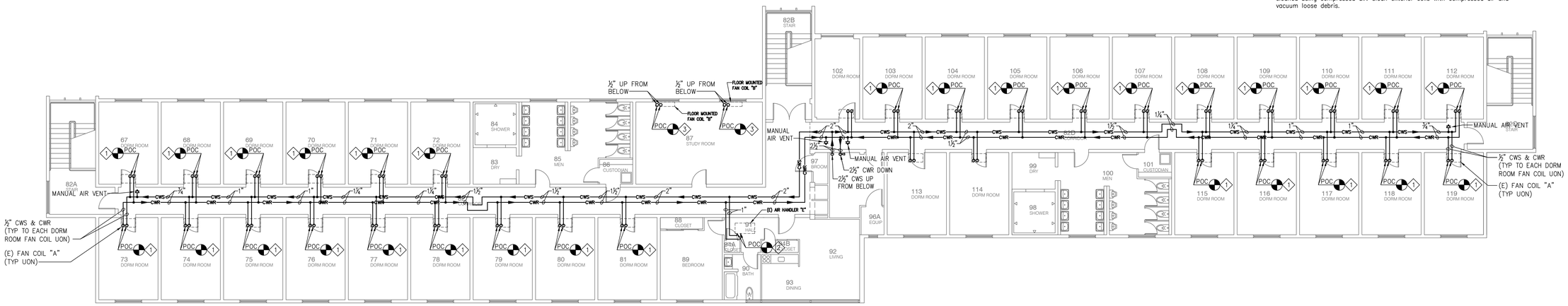

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MECHANICAL
SECOND FLOOR PLAN

M2.13

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PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MIN. BRANCH SIZE (")				MAKE AND MODEL	FITTINGS	REMARKS
		W	V	CW	HW			
FD-1	FLOOR DRAIN W/ HEEL PROOF SQUARE STRAINER & TRAP PRIMER	2	1-1/2	1/2	-	J.R. SMITH #2005Y02-B06NB-BHP-U, 6"x6", CAST IRON W/ BRONZE STRAINER		

PLUMBING GENERAL NOTES

Contractors are referred to the project manual of the project for more detailed and additional requirements.

All work shown herein shall comply with the requirements of the following codes:
- 2025 California Administrative Code (CAC): Part 1, Title 24, California Code of Regulations (CCR)
- 2025 California Building Code (CBC): Part 2, Title 24 CCR
- 2025 California Electrical Code (CEC): Part 3, Title 24 CCR
- 2025 California Mechanical Code (CMC): Part 4, Title 24,CCR
- 2025 California Plumbing Code (CPC): Part 5, Title 24 CCR

Furnish and provide all labor, materials, transportation, and perform all required operations to provide a complete and operable system, in accordance with the full intent and meaning of the Drawings, Project Manual, and per standard trade practices. When conflict is between construction documents and standard trap practices, the more restrictive and high quality shall apply.

The installation of piping and equipment shall be made in such a manner to clear beams and obstructions. Do not cut into or reduce the size of structural/non-structural members without approval of the Architect. Check and coordinate drawings and work of others to prevent interference.

All plumbing fixtures, fittings and piping shall be "lead-free" per California AB1953 and meet the requirements of ANSI/NSF 61, Section 9.

All locations of piping and equipment are shown diagrammatically. Adhere to locations as closely as possible. Vary runs or arrangement of piping as required to meet structural and other interferences or as required by Architect.

Pipe sizes shown on drawings shall be installed as shown. Branch line sizes to fixtures when not indicated shall be per minimum branch line size as indicated on fixture schedule. Equipment and appliance supply piping shall be as indicated on drawings. Contractor shall verify size of equipment or appliance connection and provide reducing fittings to suit.

No product will be accepted on the job site without prior submittal review/approval by the Architect. The Contractor shall submit catalog sheets, complete submittal and related information of all plumbing equipment.

Rough-in and/or install plumbing fixtures at heights indicated on plans, or as directed by Architect. If a conflict in fixture location is noted on the drawings, the architectural drawings shall take precedence.

All equipment shall be installed with sufficient access to controls, filters, electric motors, etc. Access clearance shall be 30" or as required by the equipment manufacturer, which ever is greater. Contractors shall provide access panels where required.

Provide combustion air to all gas fired equipment per CPC.

Contractor shall set shower valve mechanical stops to deliver a maximum mixed water temperature of 120°F.

When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to only allow one showerhead to be in operation at a time.

Showers and shower-tubs shall be provided with individual control valves of the pressure balance, thermostatic, or combination pressure balance/thermostatic mixing valve type that provide scald and thermal shock protection.
[§ 408.3 CPC]

Hose bibs shall be fitted with a non-removable back-flow device. [§ 603.5.7 CPC]

Disinfection of the potable water system: The copper hot and cold water distribution system shall be disinfected prior to being placed in service. The system shall be disinfected in accordance with AWWA C651 or the following requirements:

- The piping system shall be flushed with potable water until discolored water does not appear at any of the outlets.
- The system shall be filled with a water chlorine solution containing at least 50 parts per million of chlorine. The system shall be valved off and allowed to stand for 24 hours. Or, the system shall be filled with a water chlorine solution containing at least 200 parts per million of chlorine. The system shall be valved off and allowed to stand for 3 hours.
- Following the standing time, the system shall be flushed with water until the chlorine is purged from the system.

PLUMBING MATERIAL NOTES

1.1 WASTE, VENT AND SEWER PIPING

A. Above and Below Grade
1. All waste, vent, sewer and storm lines shall be of cast iron soil pipe and fittings and shall conform to the requirements of CISPI Standard 301, ASTM A-888 or ASTM A-74 for all pipe and fittings. Pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute.
   a. Acceptable Manufacturers:
1. AB&I Foundry
2. Charlotte Pipe and Foundry
3. Tyler Pipe Company
   b. Joints
1. Standard Joints: for hubless pipe and fittings shall conform to the manufacturer's installation instructions and local code requirements. Hubless coupling gaskets shall conform to ASTM Standard C-564.
2. Cast Iron Soil Pipe Institute Standard Specifications – Latest Issue
   (a) CISPI 301: Hubless Cast Iron Soil Pipe and Fittings for Sanitary, Waste, and Vent Piping Applications.
   (b) CISPI 310: Couplings for use in connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Waste, and Vent Piping Applications.
3. ASTM Standard Specifications – Latest Issue
   (a) A-888: Standard Specifications for Hubless Cast Iron Soil Pipe and Fittings.

C-564: Standard Specifications for Rubber Gaskets for Cast Iron Soil Pipe and Fittings.

1.2 CONDENSATE PIPING:

A. Piping shall be hard drawn type "M" copper made up with wrought copper solder joint type fittings.

1.3 DOMESTIC WATER PIPING:

A. Piping above ground and within building shall be type "L" hard drawn copper tube made up with wrought or forged copper fittings. No type "M" copper water piping is permitted within the building.
B. Hot water piping shall be insulated with Owens Corning fiberglass heavy density pipe insulation 25 ASU/SSL-II. Closed cell polyethylene foam may be used at the contractor's option.
C. Only lead-free solder may be used on the water system.

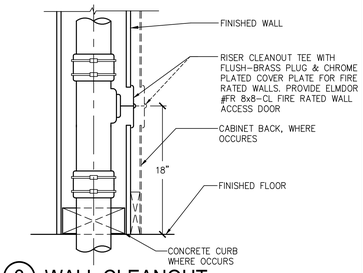
PLUMBING LEGEND

SYMBOL	ABBREV.	DESCRIPTION
	GV	GATE VALVE
	BV	BALL VALVE
	CV	CHECK VALVE
	TPV	TRAP PRIMER VALVE
	SV	SOLENOID VALVE
	PRV	PRESSURE REDUCING OR REGULATOR VALVE
		VALVE IN RISER
	HB	HOSE BIBB
	RHB	RECESSED HOSE BIBB
	YB	SOV IN YARD BOX
	FCO	FLOOR CLEANOUT
	COTG	CLEANOUT TO GRADE
WCO	WCO	WALL CLEANOUT
		UNION
		PIPE UP
		PIPE DOWN
		PIPE CONNECTION
		CAPPED/PLUGGED PIPE
FD		FLOOR DRAIN
	POC/POD	POINT OF CONNECTION OR DISCONNECTION
	WHA	WATER HAMMER ARRESTOR
	S/W	EXISTING SOIL OR WASTE BELOW GRADE
	S/W	EXISTING SOIL OR WASTE ABOVE GRADE
	S/W	SOIL OR WASTE BELOW GRADE
	S/W	SOIL OR WASTE ABOVE GRADE
	V	SANITARY VENT
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
TP	TP	TRAP PRIMER LINE
	DEMO	DEMOLITION

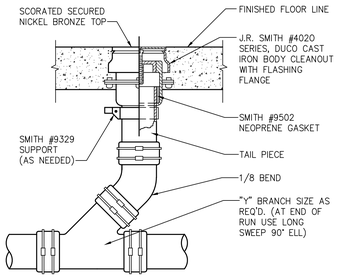
PLUMBING ABBREVIATIONS

AB	ANCHOR BOLT	LAV	LAVATORY
ABV	ABOVE	LBS	POUNDS
ADA	AMERICAN DISABILITIES ACT	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MBTUH	BTU PER HOUR (THOUSANDS)
AFG	ABOVE FINISHED GRADE	MECH	MECHANICAL
AMP	AMPERAGE	MFR	MANUFACTURE OR MANUFACTURER
ARCH	ARCHITECT	MIN	MINIMUM
BEL	BELOW	(N)	NEW
BFP	BACKFLOW PREVENTOR	NPS	NOMINAL PIPE SIZE
BLDG	BUILDING	NTS	NOT TO SCALE
CFH	CUBIC FOOT PER HOUR	PG	PRESSURE GAUGE
CI	CAST IRON	PH	PHASE
℄	CENTER LINE	PS	PIPE SUPPORT
CONN	CONNECTION	PSI	POUNDS PER SQUARE INCH
CONT	CONTINUE(D)	RM	ROOM
CP	CHROME PLATED, CIRCULATING PUMP	RPM	REVOLUTIONS PER MINUTE
CY	CYCLES	RWL	RAIN WATER LEADER
D	FIXTURE UNITS	RWO	RAIN WATER OVERFLOW
DFU	DRAINAGE FIXTURE UNITS	S	SOIL OR SEWER
DN	DOWN	SOV	SHUT-OFF VALVE
(E)	EXISTING	T	THERMOMETER
ELEC	ELECTRICAL	TA	TEMPERATURE
EQPT	EQUIPMENT	TK	TANK
FR	FROM	TYP	TYPICAL
FT	FLUSH TANK	UON	UNLESS OTHERWISE NOTED
FV	FLUSH VALVE	V	VENT
GA	GAGE OR GAUGE	V	VOLT
GALV	GALVANIZED	VAC	VACUUM
GPM	GALLONS PER MINUTE	VTR	VENT THRU ROOF
HDR	HEADER	W	WASTE
HP	HORSEPOWER	W/	WITH
IE	INVERT ELEVATION	W/O	WITHOUT
IPS	IRON PIPE SIZE	WC	WATER CLOSET
KW	KILOWATTS	WFU	WATER FIXTURE UNIT
		WT	WEIGHT

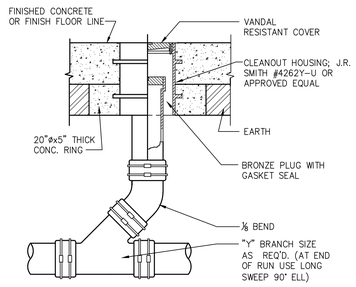
NOTE: EACH CLEANOUT IN PIPING 2" OR LESS IN SIZE SHALL BE SO INSTALLED THAT THERE IS A CLEARANCE OF NOT LESS THAN 12" IN FRONT OF THE CLEANOUT. CLEANOUTS IN PIPING LARGER THAN 2" INCHES SHALL HAVE A CLEARANCE OF NOT LESS THAN 18" IN FRONT OF THE CLEANOUT.



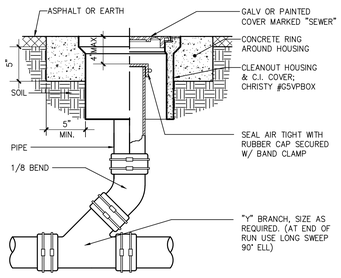
3 WALL CLEANOUT
NTS



2 FLOOR CLEANOUT
NTS



FINISHED CONCRETE AREAS



ASPHALT & LANDSCAPED AREAS

1 CLEANOUT TO GRADE
NTS

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PROJECT INFO

Project No	391-0144
Date	01.23.26
DSA File No	
DSA No	

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PLUMBING SCHEDULE, NOTES, LEGEND, ABBREVIATIONS & DETAILS

P1.00

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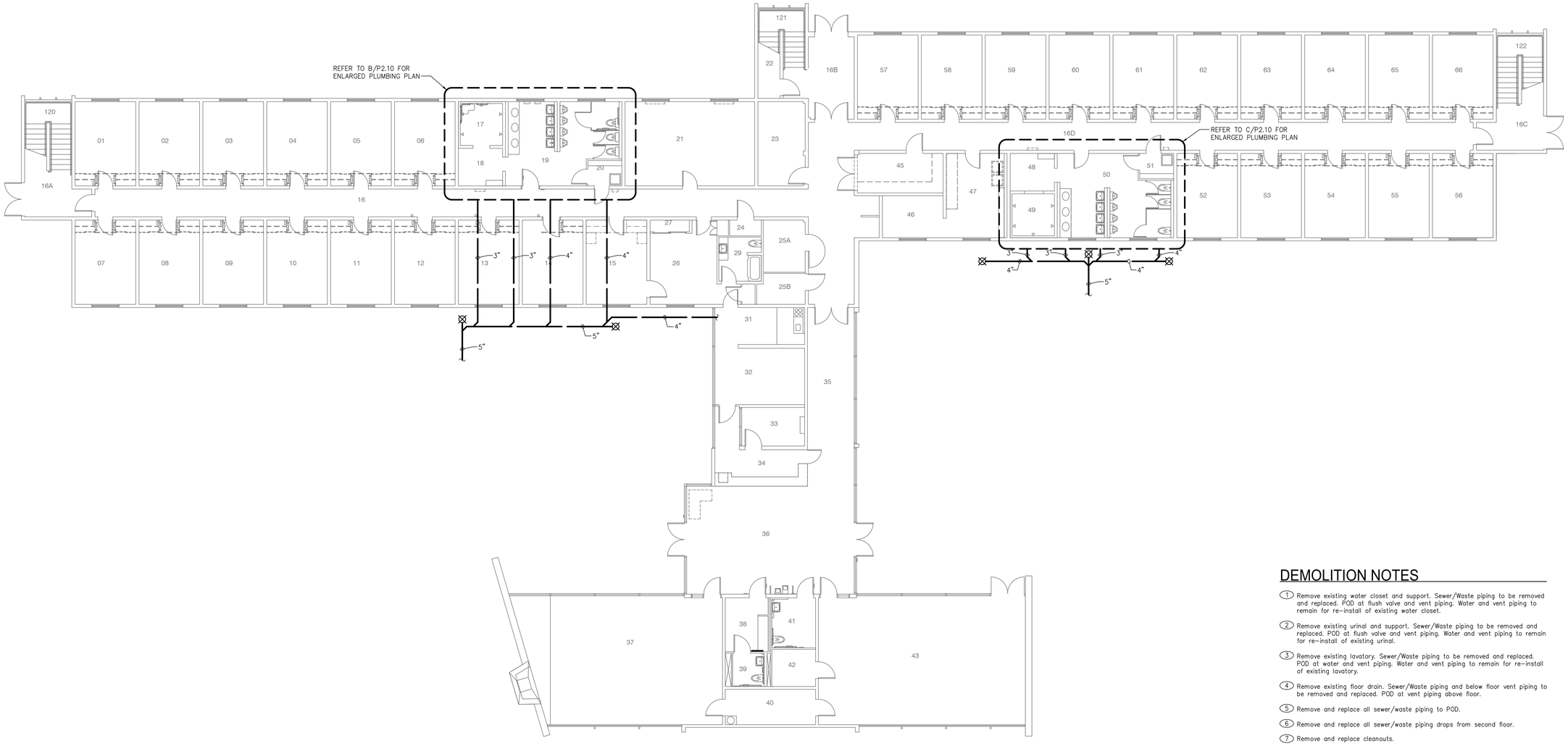
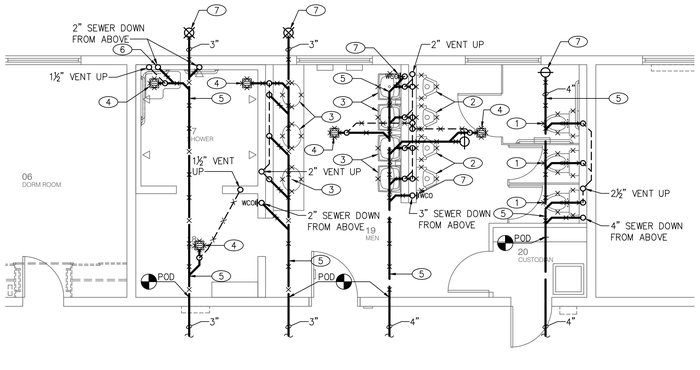


DEMOLITION NOTES

1. Remove existing water closet and support. Sewer/Waste piping to be removed and replaced. POD at flush valve and vent piping. Water and vent piping to remain for re-install of existing water closet.
2. Remove existing urinal and support. Sewer/Waste piping to be removed and replaced. POD at flush valve and vent piping. Water and vent piping to remain for re-install of existing urinal.
3. Remove existing lavatory. Sewer/Waste piping to be removed and replaced. POD at water and vent piping. Water and vent piping to remain for re-install of existing lavatory.
4. Remove existing floor drain. Sewer/Waste piping and below floor vent piping to be removed and replaced. POD at vent piping above floor.
5. Remove and replace all sewer/waste piping to POD.
6. Remove and replace all sewer/waste piping drops from second floor.
7. Remove and replace cleanouts.

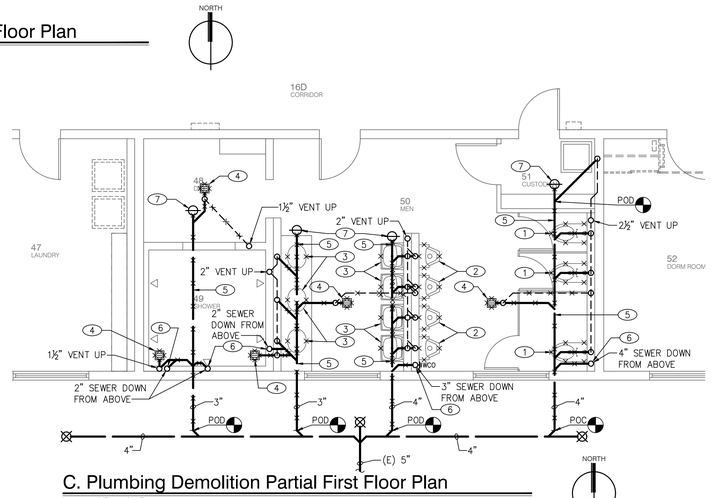
A. 24 - Gordon Hall Plumbing Demolition First Floor Plan

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



B. Plumbing Demolition Partial First Floor Plan

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



C. Plumbing Demolition Partial First Plan

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

NORTH

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PLUMBING
GORDON HALL
FIRST FLOOR PLAN

P2.10

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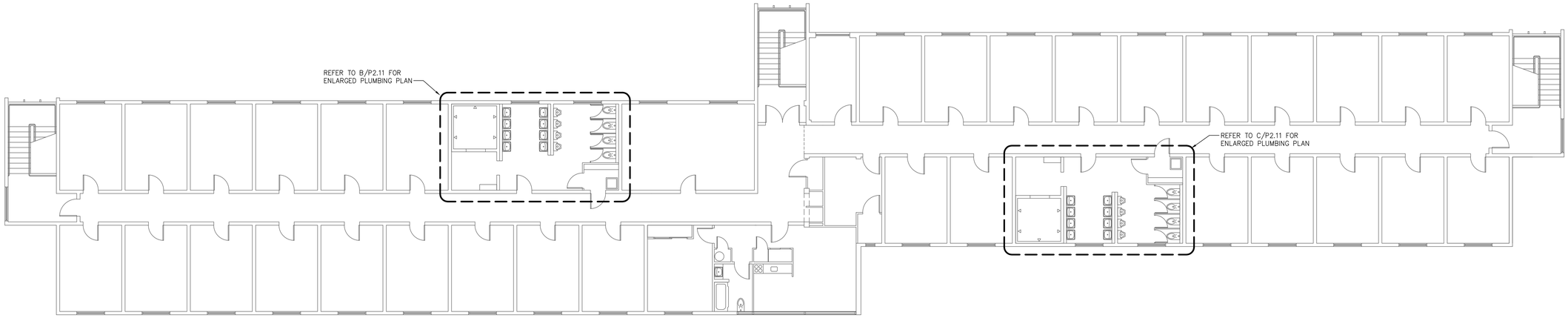


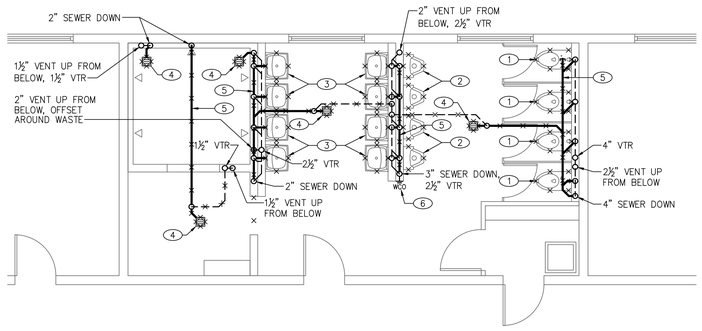
A. 24 - Gordon Hall Plumbing Demolition Second Floor Plan

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

NORTH

DEMOLITION NOTES

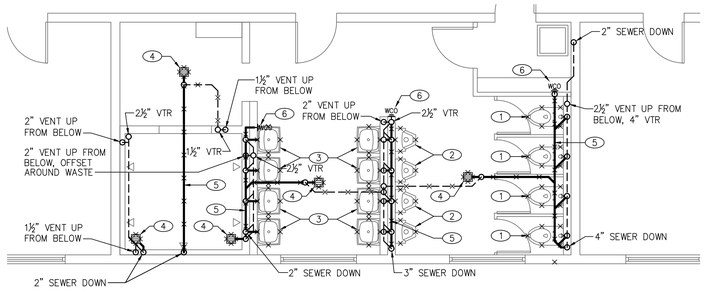
1. Remove existing water closet and support. Sewer/Waste piping to be removed and replaced. POD at flush valve and vent piping. Water and vent piping to remain for re-install of existing water closet.
2. Remove existing urinal and support. Sewer/Waste piping to be removed and replaced. POD at flush valve and vent piping. Water and vent piping to remain for re-install of existing urinal.
3. Remove existing lavatory. Sewer/Waste piping to be removed and replaced. POD at water and vent piping. Water and vent piping to remain for re-install of existing lavatory.
4. Remove existing floor drain. Sewer/Waste piping and below floor vent piping to be removed and replaced. POD at vent piping above floor.
5. Remove and replace all sewer/waste piping to POD.
6. Remove and replace cleanouts.



B. Plumbing Demolition Partial Second Floor Plan

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

NORTH



C. Plumbing Demolition Partial Second Floor Plan

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

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PLUMBING
GORDON HALL
SECOND FLOOR PLAN

P2.11

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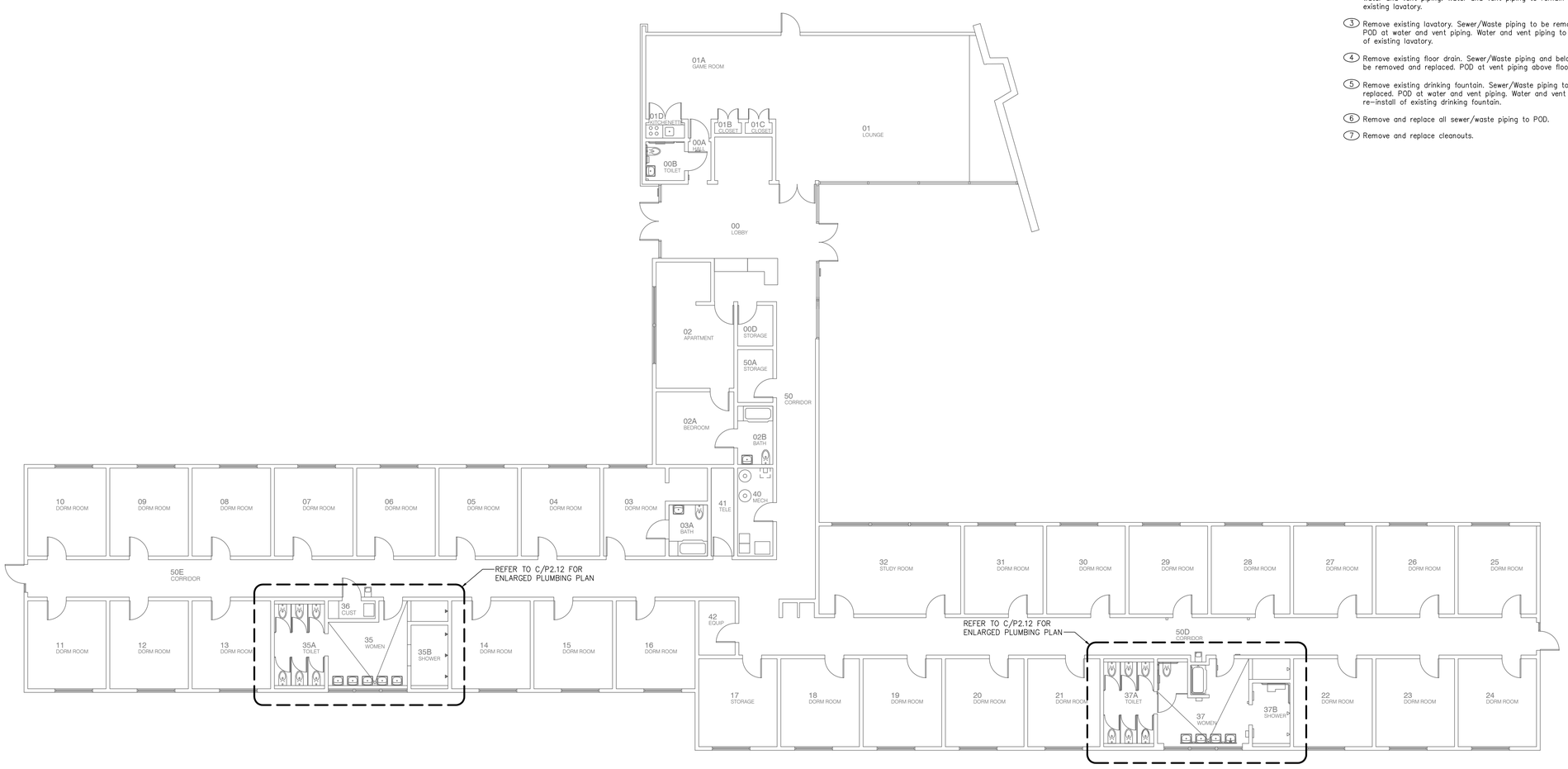
DEMOLITION NOTES

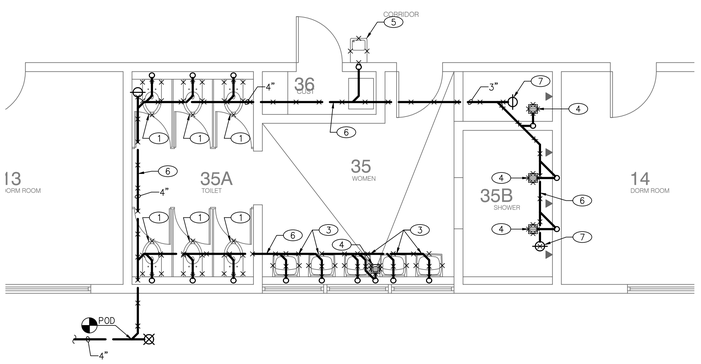
1. Remove existing water closet and support. Sewer/Waste piping to be removed and replaced. POD at flush valve and vent piping. Water and vent piping to remain for re-install of existing water closet.
2. Remove existing tub. Sewer/Waste piping to be removed and replaced. POD at water and vent piping. Water and vent piping to remain for re-install of existing lavatory.
3. Remove existing lavatory. Sewer/Waste piping to be removed and replaced. POD at water and vent piping. Water and vent piping to remain for re-install of existing lavatory.
4. Remove existing floor drain. Sewer/Waste piping and below floor vent piping to be removed and replaced. POD at vent piping above floor.
5. Remove existing drinking fountain. Sewer/Waste piping to be removed and replaced. POD at water and vent piping. Water and vent piping to remain for re-install of existing drinking fountain.
6. Remove and replace all sewer/waste piping to POD.
7. Remove and replace cleanouts.



A. 25 - Ivans Hall Plumbing Demolition First Floor Plan

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

NORTH



B. Plumbing Demolition Partial Second Floor Plan

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

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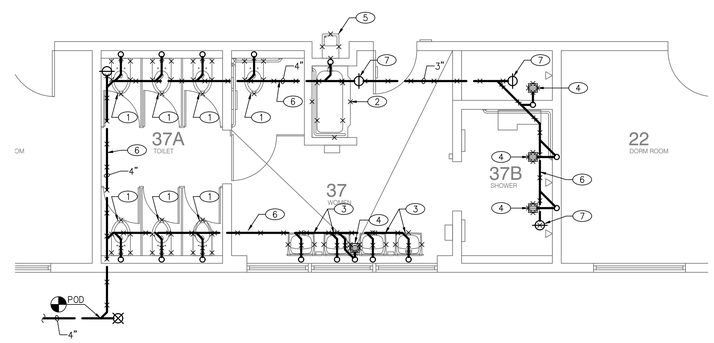

C. Plumbing Demolition Partial Second Floor Plan

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

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PLUMBING
IVANS HALL -
FLOOR PLAN

P2.12

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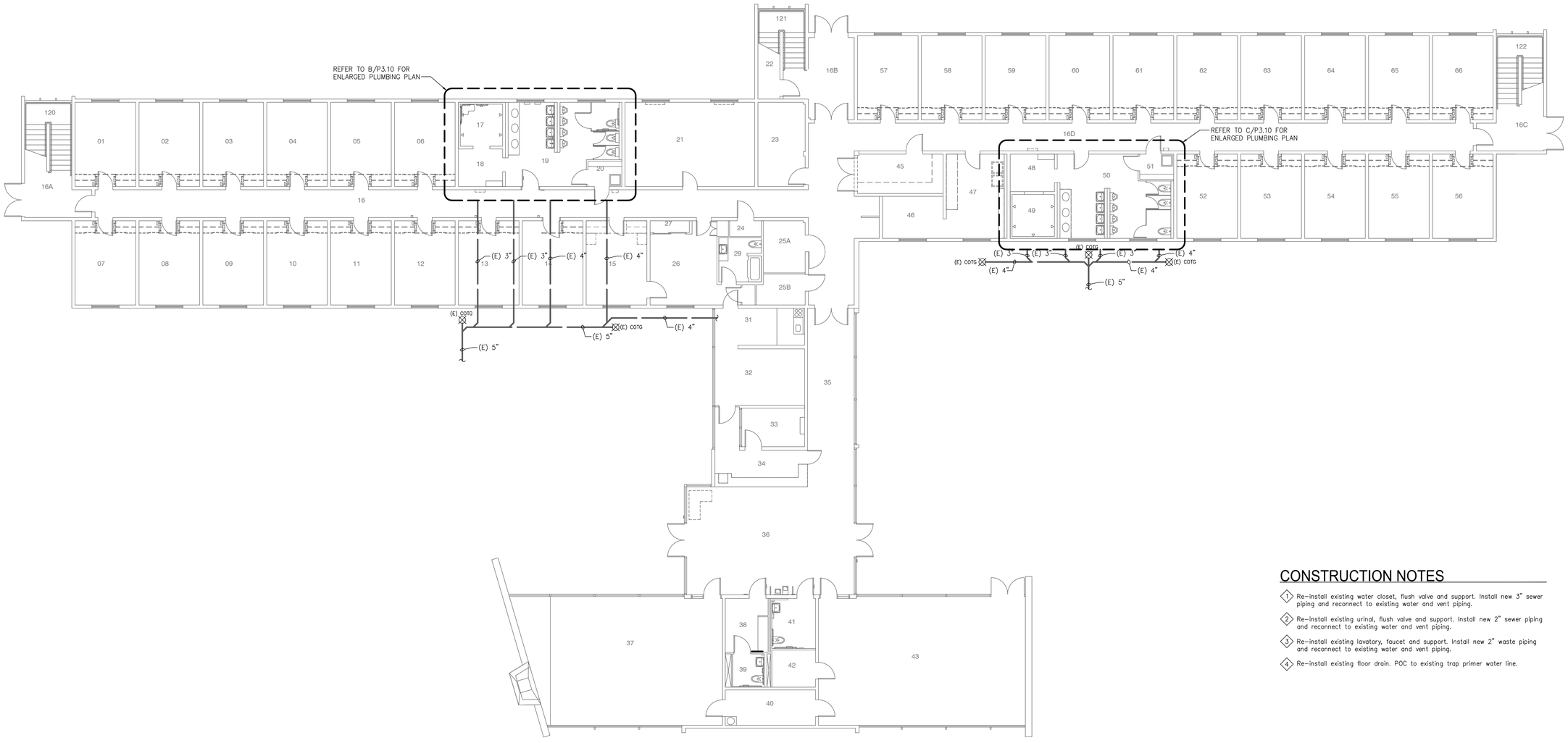
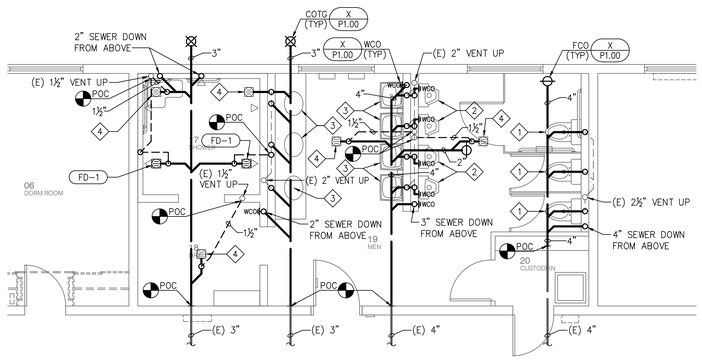


A. 24 - Gordon Hall Plumbing First Floor Plan

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

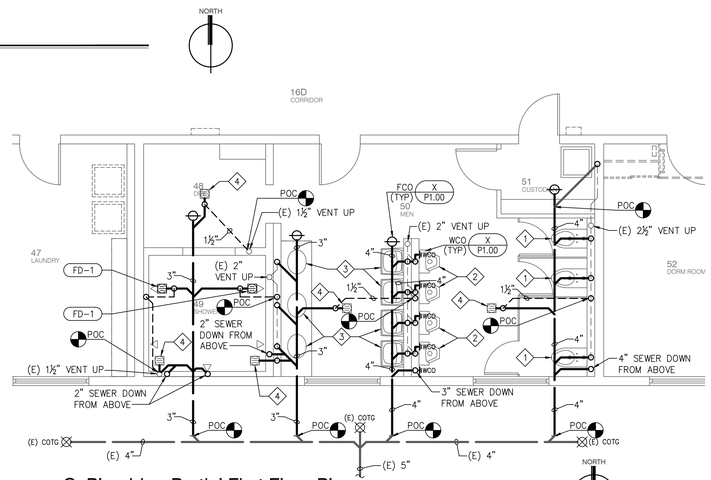
CONSTRUCTION NOTES

1. Re-install existing water closet, flush valve and support. Install new 3" sewer piping and reconnect to existing water and vent piping.
2. Re-install existing urinal, flush valve and support. Install new 2" sewer piping and reconnect to existing water and vent piping.
3. Re-install existing lavatory, faucet and support. Install new 2" waste piping and reconnect to existing water and vent piping.
4. Re-install existing floor drain. POC to existing trap primer water line.



B. Plumbing Partial First Floor Plan

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



C. Plumbing Partial First Floor Plan

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

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PROJECT INFO

Project No	391-0144
Date	01.23.26
DSA File No	
DSA No	

REVISIONS

No	Date	Item

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PLUMBING
GORDON HALL
FIRST FLOOR PLAN

P3.10

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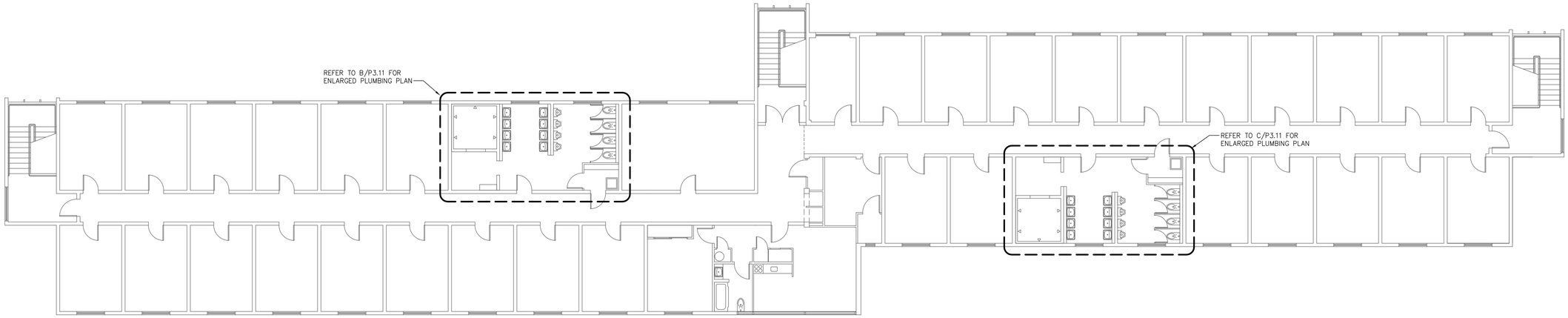


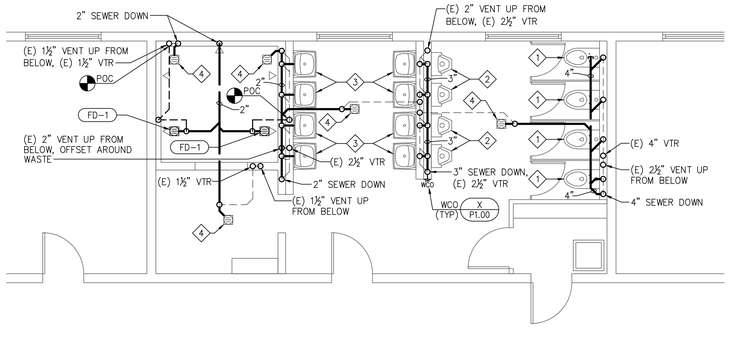
A. 24 - Gordon Hall Plumbing Second Floor Plan

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

NORTH

CONSTRUCTION NOTES

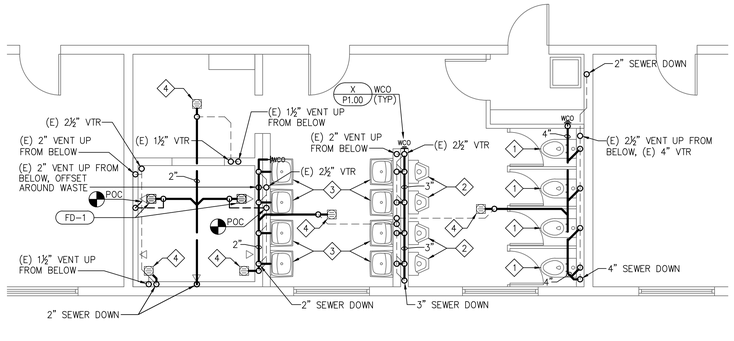
1. Re-install existing water closet, flush valve and support. Install new 3" sewer piping and reconnect to existing water and vent piping.
2. Re-install existing urinal, flush valve and support. Install new 2" sewer piping and reconnect to existing water and vent piping.
3. Re-install existing lavatory, faucet and support. Install new 2" waste piping and reconnect to existing water and vent piping.
4. Re-install existing floor drain. POC to existing trap primer water line.



B. Plumbing Partial Second Floor Plan

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

NORTH



C. Plumbing Partial Second Floor Plan

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

NORTH

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PLUMBING
GORDON HALL
SECOND FLOOR PLAN

P3.11

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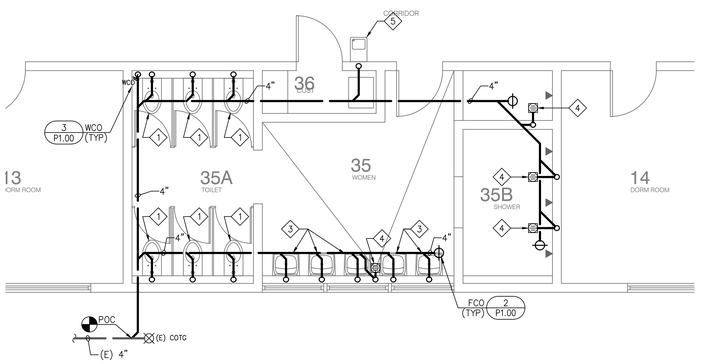
CONSTRUCTION NOTES

1. Re-install existing water closet, flush valve and support. Install new 3" sewer piping and reconnect to existing water and vent piping.
2. Re-install existing bathtub. Install new 2" sewer piping and reconnect to existing water and vent piping.
3. Re-install existing lavatory, faucet and support. Install new 2" waste piping and reconnect to existing water and vent piping.
4. Re-install existing floor drain. POC to existing trap primer water line.
5. Re-install existing drinking fountain and support. Install new 2" waste piping and reconnect to existing water and vent piping.

A. 25 - Ivans Hall Plumbing First Floor Plan

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

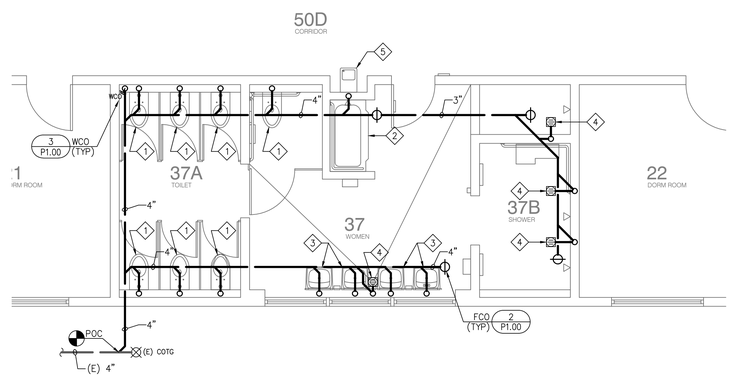
NORTH



B. Plumbing Partial Second Floor Plan

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

NORTH



C. Plumbing Partial Second Floor Plan

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

NORTH

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