

CORBETT CENTER COURTYARD PATIO RENOVATION

NMSU CORBETT CENTER STUDENT UNION

1600 INTERNATIONAL MALL

LAS CRUCES, NM 88003

75% CONSTRUCTION DOCUMENTS

JUNE 21, 2018

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NEW MEXICO STATE UNIVERSITY

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WDG ARCHITECTS WILLIAMS DESIGN GROUP, INC

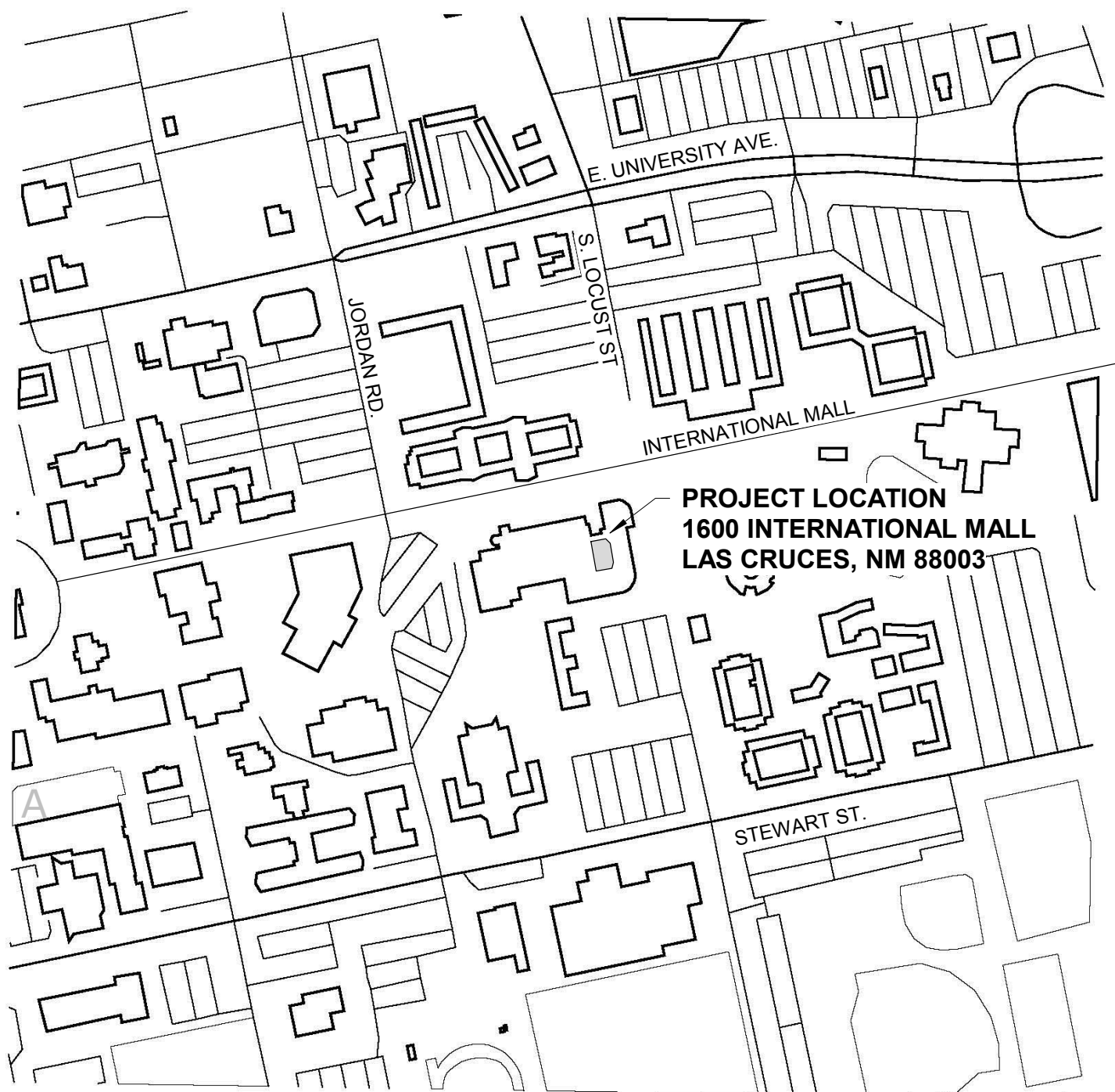
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VICINITY MAP

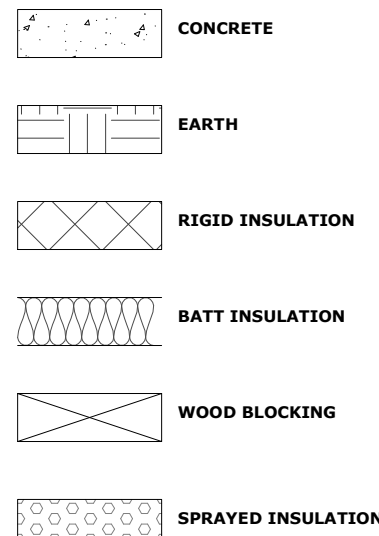


DESIGN CODES

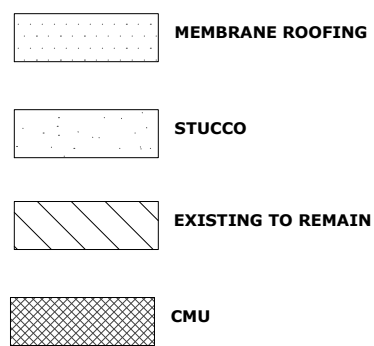
2015 INTERNATIONAL BUILDING CODE
2015 INTERNATIONAL EXISTING BUILDING CODE
2015 NM COMMERCIAL CODES
2012 NM PLUMBING CODE
2012 UNIFORM MECHANICAL CODE
2012 NM MECHANICAL CODE
2014 NATIONAL ELECTRICAL CODE
2014 NM ELECTRICAL CODE
2009 INTERNATIONAL ENERGY CONSERVATION CODE
2003 INTERNATIONAL FIRE CODE

MATERIAL LEGEND

CUT (SECTION)

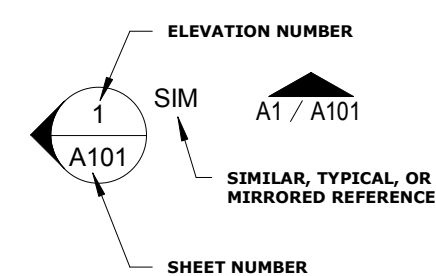


PROJECTION (PLAN / ELEVATION)

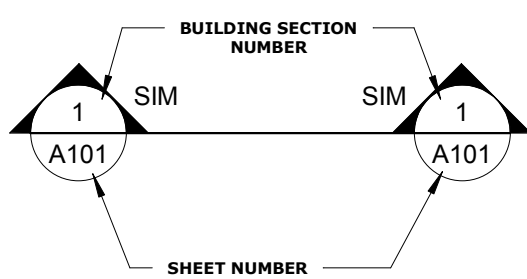


SYMBOL LEGEND

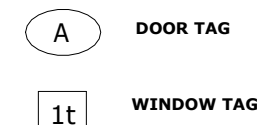
ELEVATION SYMBOLS



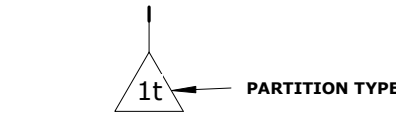
BUILDING SECTION SYMBOL



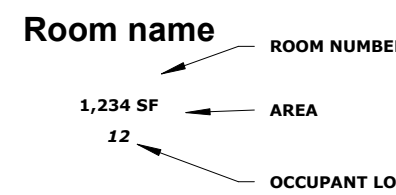
WINDOW / DOOR TAG SYMBOLS



WALL TAG SYMBOL



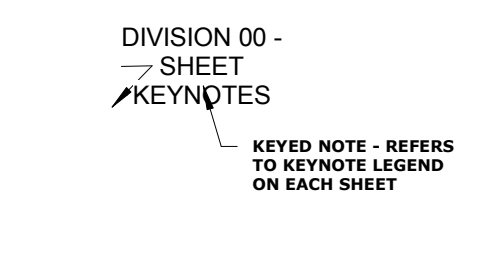
ROOM TAG SYMBOL



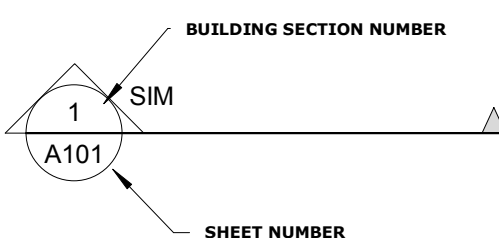
CEILING TAG SYMBOL



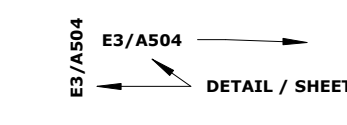
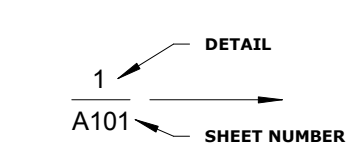
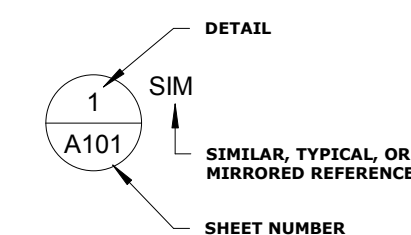
REFERENCE KEYNOTE SYMBOL



WALL SECTION SYMBOL



DETAIL SYMBOL



SPOT DIMENSIONS



DRAWING INDEX

COVER G-SHEETS

G001 COVER SHEET
G002 CODE REVIEW DATA / EXITING PLAN
G003 ACCESSIBLE DETAILS, WALL TYPES, DOOR TYPES, IRRIGATION PLAN
G004 OUTLINE SPECIFICATIONS
G005 OUTLINE SPECIFICATIONS

ARCHITECTURAL

AD01 DEMOLITION PLAN
A101 FIRST FLOOR PLAN
A102 EQUIPMENT PLAN & EQUIPMENT SCHEDULE
A103 ENLARGED FLOOR PLAN & DETAILS
A110 FLOOR SLAB PLAN
A121 FIRST FLOOR REFLECTED CEILING PLAN
A131 ROOF PLAN & ROOF DETAILS
A201 EXTERIOR ELEVATIONS
A301 BUILDING SECTIONS & DETAILS
A510 DETAILS

PLUMBING

P100 PLUMBING GENERAL NOTES
P200 DOMESTIC WATER PLUMBING PLAN
P201 SEWER & VENT PLUMBING PLAN
P300 PLUMBING DETAILS

ELECTRICAL

E100 ELECTRICAL GENERAL NOTES
E200 LIGHTING PLAN
E201 POWER PLAN
E300 ELECTRICAL DETAILS

SCOPE OF WORK

PHASE I - ELECTRICAL INFRASTRUCTURE:

BRING POWER FROM THE EXISTING ELECTRICAL ROOM WITHIN TAOS DINING AREA TO A NEW EXTERIOR MOUNTED SUB PANEL AT LOCATION SPECIFIED ON DRAWINGS. PROVIDE AND INSTALL ALL SHUNTS AND CONNECTIONS TO THE FIRE ALARM SYSTEM AS REQUIRED BY NMSU FIRE.

*NOTE: PHASE I WILL BE COMPLETED ON A SEPARATE PERMIT PRIOR TO THE BEGINNING OF THE SCOPE OF WORK LISTED FOR THIS PROJECT AS PART OF THE SAME CONSTRUCTION CONTRACT.

PHASE II - EXTERIOR COURTYARD BAR

UTILIZE THE EXISTING COVERED CANOPY - RECONFIGURED TO FUNCTION AS A FULL SERVICE BAR AND OTHER IMPROVEMENTS TO THE EXISTING COURTYARD.

- REVERSE DOORS AT BOTH EXITS TO THE COURTYARD TO ALLOW THE DOORS TO FLOW IN THE DIRECTION OF EGRESS AS SHOWN ON DRAWINGS.
- REMOVE EXIT SIGNS INSIDE THE CORRIDOR SHOWING EGRESS TO EXIT TO THE COURTYARD.
- INSTALL NEW EXIT SIGNS OUTSIDE, SHOWING THE CORRECT EXIT FROM THE COURTYARD INTO THE CORRIDOR AND OUT THROUGH THE EXISTING EXIT DOORS.
- PROVIDE AND INSTALL ALL DOOR HARDWARE AS SPECIFIED - EXIT DOORS WILL REQUIRE A LOCKABLE PANIC DEVICE THAT WILL ALLOW THE DOORS TO BE LOCKED FROM THE EXITING SIDE AFTER HOURS.
- REMOVE EXISTING SECTION OF HOLLOW METAL STOREFRONT AS INDICATED ON DRAWINGS AND INSTALL NEW FILL IN WALL (EIFS FINISH TO MATCH EXISTING) WITH A HOLLOW METAL DOOR AND FRAME. THIS DOOR WILL REQUIRE CARD READER ACCESS ON BOTH SIDES FOR SENIOR PASSAGE ONLY - NOT AN EGRESS DOOR.
- CUT BACK EIFS AND PROVIDE AND INSTALL NEW LIGHT GAGE METAL FRAMED CANOPY WITH LIGHTWEIGHT CONCRETE TILE ROOFING, WOOD FASCIA, AND SOFFIT AS SHOWN ON THE DRAWINGS.
- REMOVE THE EXISTING PAVERS UNDER THE CANOPY AND WHERE THE MASONRY WALLS WILL BE PLACED AND INSTALL NEW 4" SLAB ON GRADE AS INDICATED ON THE DRAWINGS FOR THE BAR AREA, TABLES, AND THE FIRE PIT. PROVIDE AND INSTALL FLOOR DRAINS AND FLOOR SINKS AS INDICATED ON THE DRAWINGS IN THESE AREAS.
- SELECTIVE DEMOLITION TO OPEN HOLLOW COLUMNS TO CREATE NICHES FOR TV'S AND SHELVING AS SHOWN ON THE DRAWINGS. THIS WILL REQUIRE A RE-ROUTING OF THE EXISTING DRAIN PIPES WITHIN THE CHASE.
- OVERCOAT EXISTING EIFS FINISH WITH ELASTOMERIC BASE COAT WITH INTEGRATED MESH AND NEW FINISH COAT (COLOR AS SELECTED BY THE ARCHITECT) ON ALL EXPOSED EIFS BELOW THE CANOPY TO CHANGE TO A CONTRASTING COLOR. DAFS OVER CEMENT BOARD AT LOCATIONS AS SPECIFIED ON THE DRAWINGS.
- PROVIDE AND INSTALL "FROSTED FILM" ON THE OUTSIDE OF THE EXISTING WINDOWS UNDER THE CANOPY TO 4'-0" AFF TO MASK THE VIEW OF THE BACK OF THE EQUIPMENT FROM THE INSIDE OF THE EXISTING DINING AREA.
- CREATE A NEW OPENING FROM THE EXISTING KITCHEN TO THE DINING AREA TO FUNCTION AS A SERVER PASS THROUGH AT THE AREA INDICATED ON THE DRAWINGS. THIS WILL INCLUDE THE EXCLUSION OF MODIFICATIONS TO THE EXISTING AREA.
- NEW BURNISHED MASONRY WALLS TO PARTIALLY ENCLOSE THE EXISTING CANOPY UNDER THE MECHANICAL CHASE.
- PROVIDE AND INSTALL THREE (3) NEW OVERHEAD COILING SECURITY GRILLS AT EACH OF THE THREE OPENINGS (EXTERIOR FACE MOUNT).
- NEW BURNISHED MASONRY WALLS TO FUNCTION AS TABLE BASES AS SHOWN ON DRAWINGS.
- NEW CONCRETE COUNTERTOPS AT BAR FRONT, SIDES, AND BUILT-IN TABLES.
- PROVIDE ALL ELECTRICAL AND PLUMBING INFRASTRUCTURE (CONNECTED TO EXISTING INFRASTRUCTURE) WITHIN THE BAR AREA TO ALLOW A FULLY FUNCTIONING FULL SERVICE BAR.
- INSTALL ALL OWNER PROVIDED EQUIPMENT AS LISTED IN THE EQUIPMENT SCHEDULE.
- PROVIDE ALL ELECTRICAL AND DATA INFRASTRUCTURE NEEDED FOR THE OWNER PROVIDED TELEVISIONS AND INSTALL OWNER PROVIDED TELEVISIONS IN THE LOCATIONS SPECIFIED ON THE DRAWINGS.
- PROVIDE AND INSTALL NEW LIGHTING AS SHOWN ON THE DRAWINGS.
- REPLACE THE EXISTING LIGHT FIXTURES UNDER SOFFIT WITH THE REPLACEMENT FIXTURES INDICATED ON THE DRAWINGS.
- STRIP ALL PAINT OFF OR THE EXISTING LIGHT POLES AND REPLACE GLOBES WITH NEW EQUAL.
- PROVIDE FIRE PIT SPECIFIED AND GAS AND ELECTRICAL INFRASTRUCTURE NEEDED (INCLUDING SHUNTS AND EMERGENCY SHUT-OFF BUTTON FOR A FULLY FUNCTIONING FIRE PIT AT THE LOCATION SPECIFIED ON THE DRAWINGS (MUST MEET ALL SAFETY REQUIREMENTS OF NMSU FIRE DEPARTMENT).
- CONNECT TO EXISTING IRRIGATION INFRASTRUCTURE AND RUN NEW IRRIGATION LINES THROUGHOUT THE PLANTER UNDER THE STAIRS.
- ADD NEW SOIL TO THE PLANTER UNDER STAIRS TO PREPARE AREA FOR OWNER PROVIDED HERB/VEGETABLE GARDEN.
- PROVIDE AND INSTALL METAL LETTER SIGNAGE AS SHOWN ON DRAWINGS
- PROVIDE ELECTRICAL INFRASTRUCTURE FOR ELECTRIC BUILDING SIGN ABOVE CANOPY.

CORBETT COURTYARD BAR

CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003

Description
75% CDS

Date

Mark

ISSUE:



WILLIAMS DESIGN GROUP INC
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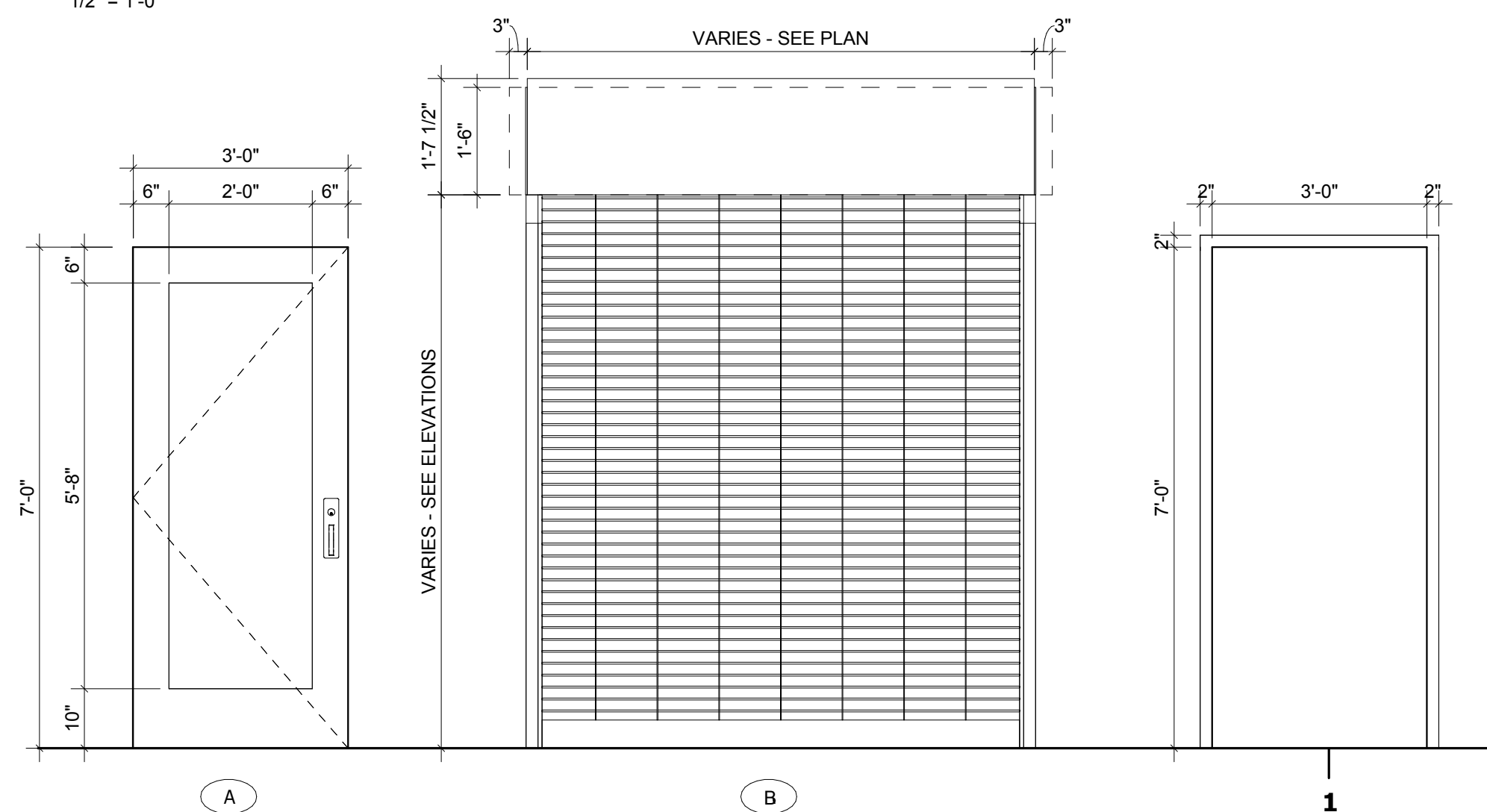
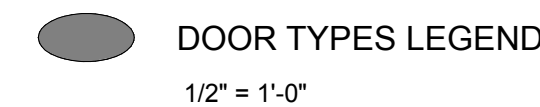
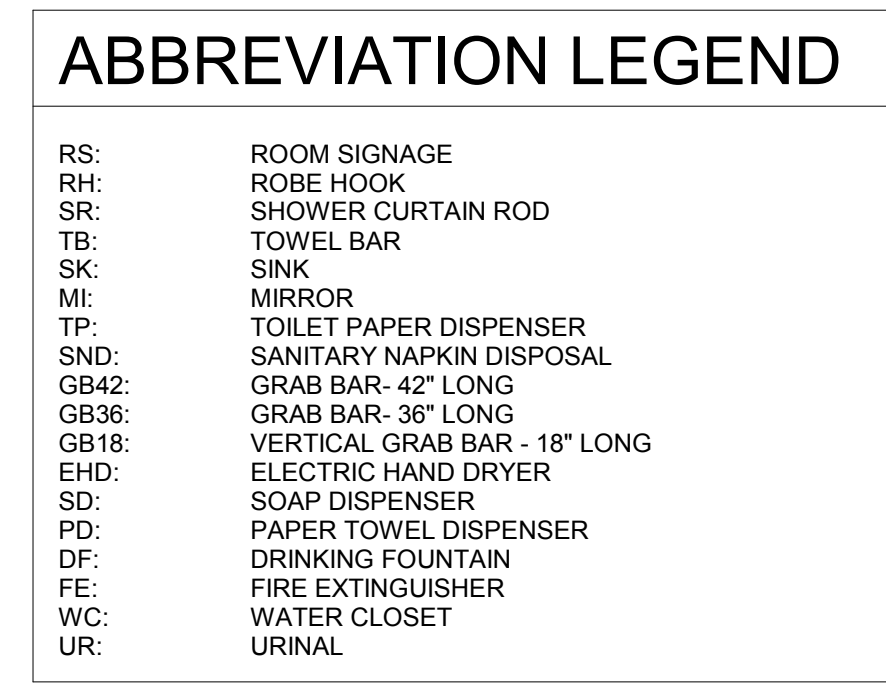
PROJECT NO.
206-98

SHEET TITLE

COVER SHEET

SHEET NO.

G001



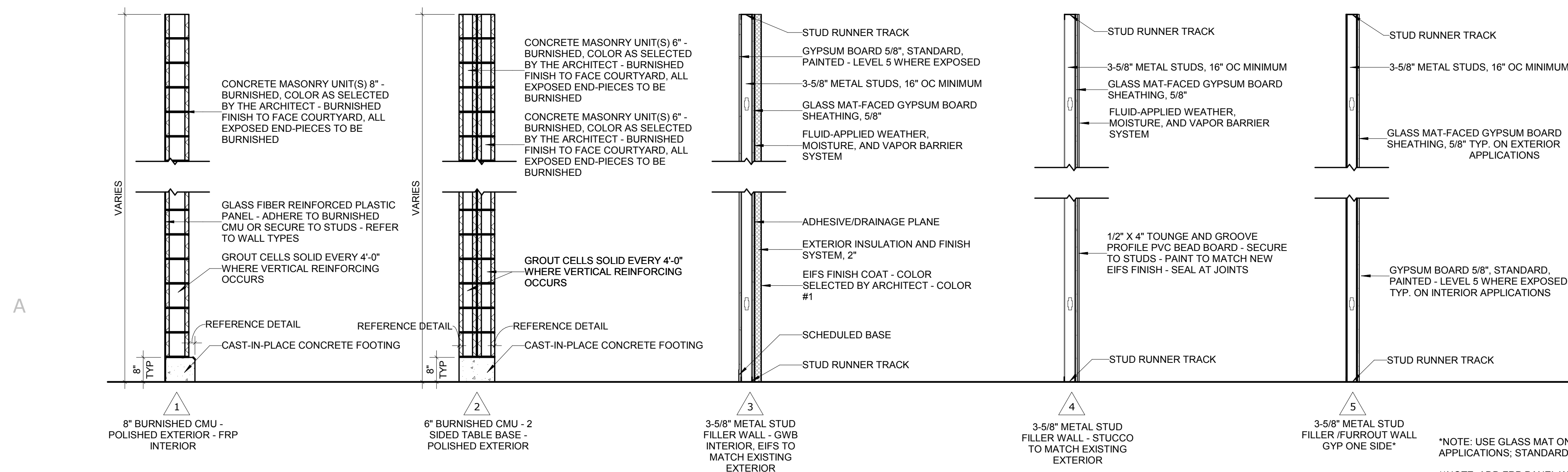
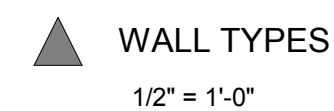
SET #1 – EXTERIOR HOLLOW METAL SECURED ACCESS DOORS WITH CLOSERS




DOOR NUMBER: C100			
EACH TO HAVE:			
3 EA	ELECTRIC	5BB1 4.5 X 4.5 NRP	652 IVE
1 EA	STOREROOM LOCK	AUG405LN	625 VAL
1 EA	HINGE STRIKE	4880	32 TRINE
1 EA	SURFACE CLOSER	4111 EDA TB	689 TR
1 EA	KICK PLATE	8400 10" X 2" LDW	630 IVE
1 EA	WALL STOP	VYS407CVX	630 IVE
3 EA	SILENCER	SR64	GY IVE
2 EA	CARD READER-BLACKBOARD	DR4200	BLK BB
1 EA	DOOR CONTACT	---	BLK BB
1 EA	POWER SUPPLY	---	LGIR BB
1 EA	WIRING DIAGRAM	POINT TO POINT / RISER	

ELECTRONIC ACCESS CONTROL – CARD READER

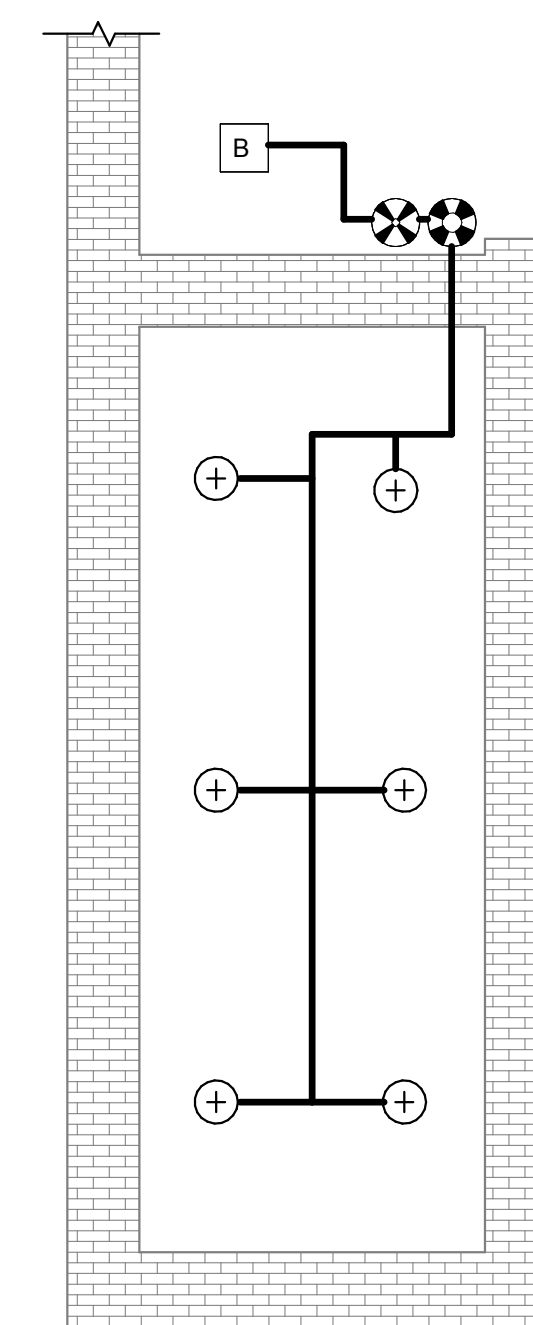
* CARD READERS SHALL BE BLACKBOARD, CONNECTED TO THE EXISTING BLACKBOARD SYSTEM - REFER TO ELECTRICAL

- DOORS NORMALLY CLOSED AND LOCKED.
- ENTRY BY VALID CREDENTIAL AT CARD READER BOTH SIDES OR BY KEY AT LOCK.
- NOT AN EGRESS DOOR - SECURED ACCESS ONLY FOR SERVERS.



- | | |
|---|--|
| B | EXISTING BACKFLOW PREVENTER |
|  | EXISTING PLASTIC ELECTRIC VALVE WITH FLOW CONTROL HANDLE - RE-USE IF POSSIBLE* |
|  | EXISTING MASTER VALVE - RE-USE IF POSSIBLE* |
|  | NEW BUBBLER - RAINBIRD #1401 |

*NOTE: IF EXISTING VALVES ARE UNUSABLE OR MISSING, CONTRACTOR SHALL INSTALL NEW VALVES - RAINBIRD #150-PEB SERIES



A5 IRRIGATION PLAN - PLANTER
G003 1/4" = 1'-0"

CORBETT COURTYARD BAR
CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003

[illegible]

WILLIAMS DESIGN GROUP INC
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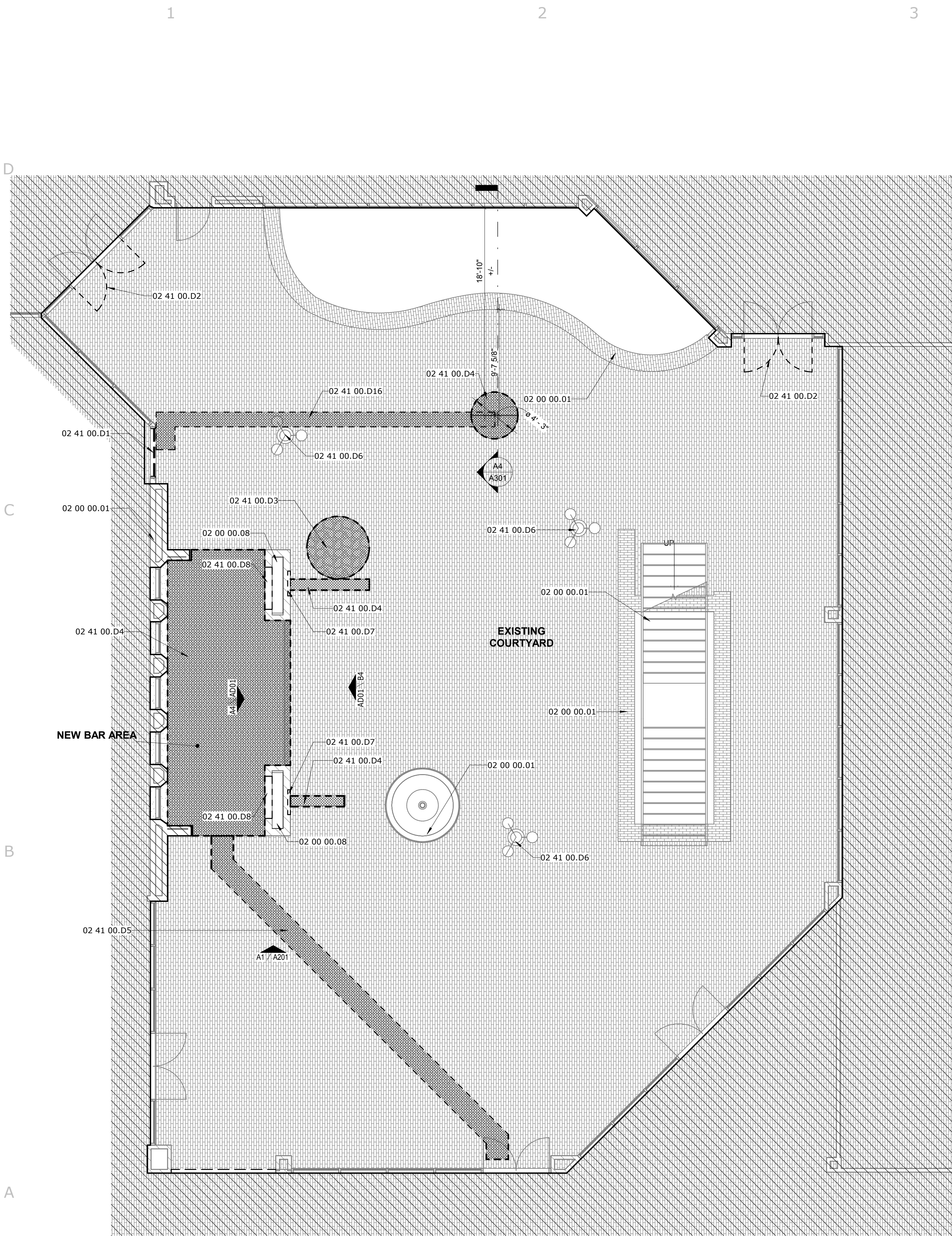
PROJECT NO.
206-98

SHEET TITLE

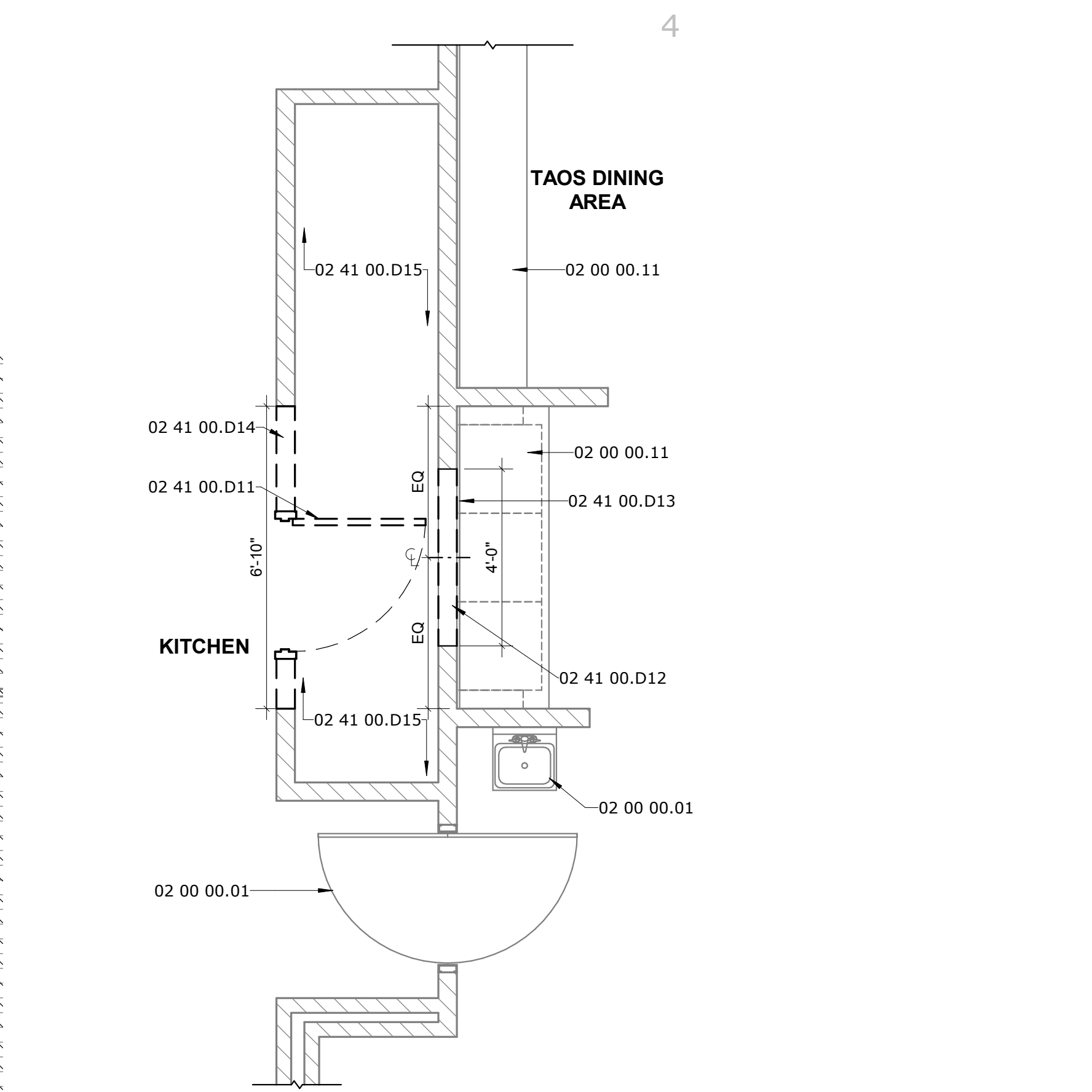
ACCESSIBLE
DETAILS, WALL
TYPES, DOOR TYPES,
IRRIGATION PLAN

SHEET NO.

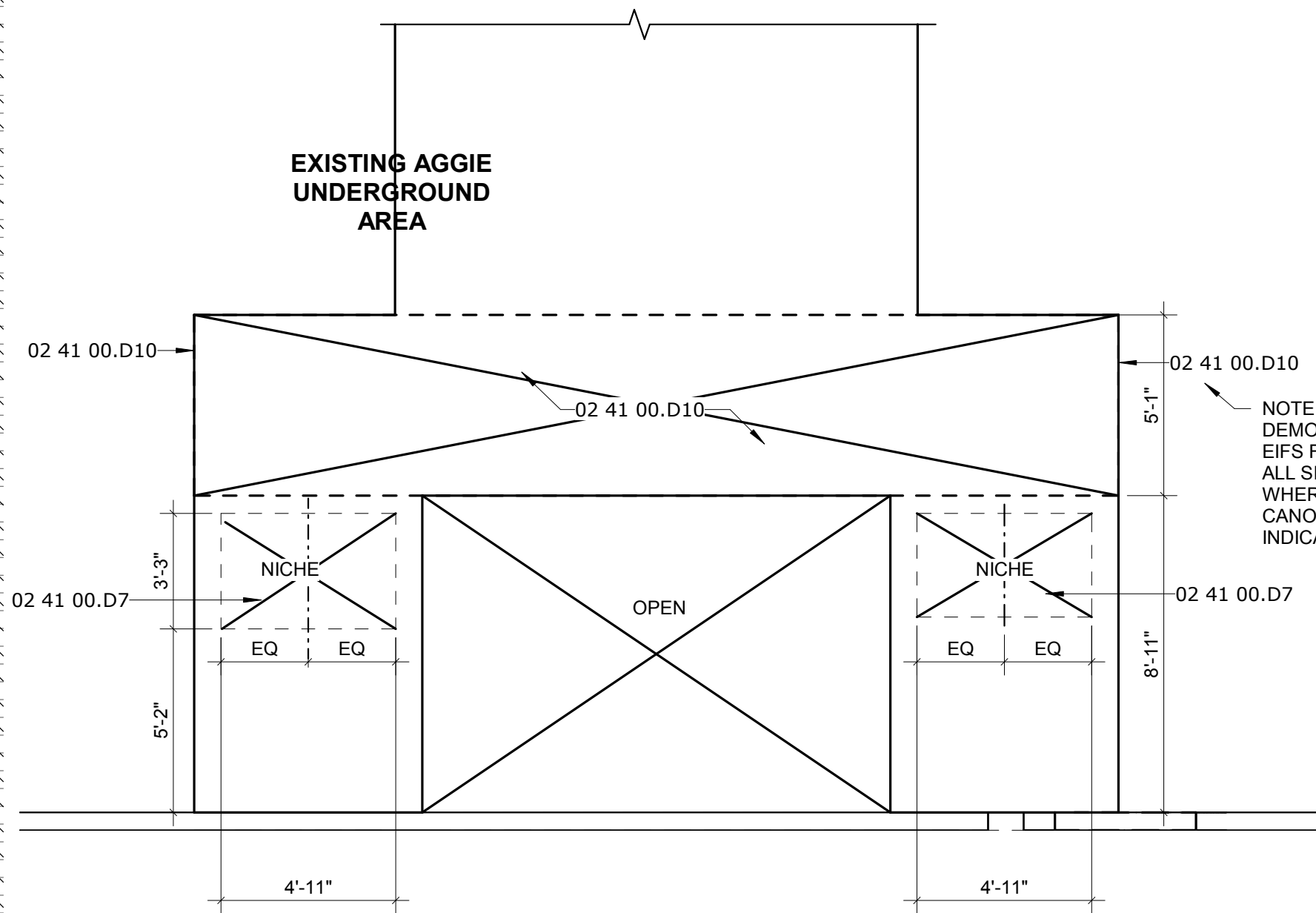
G003



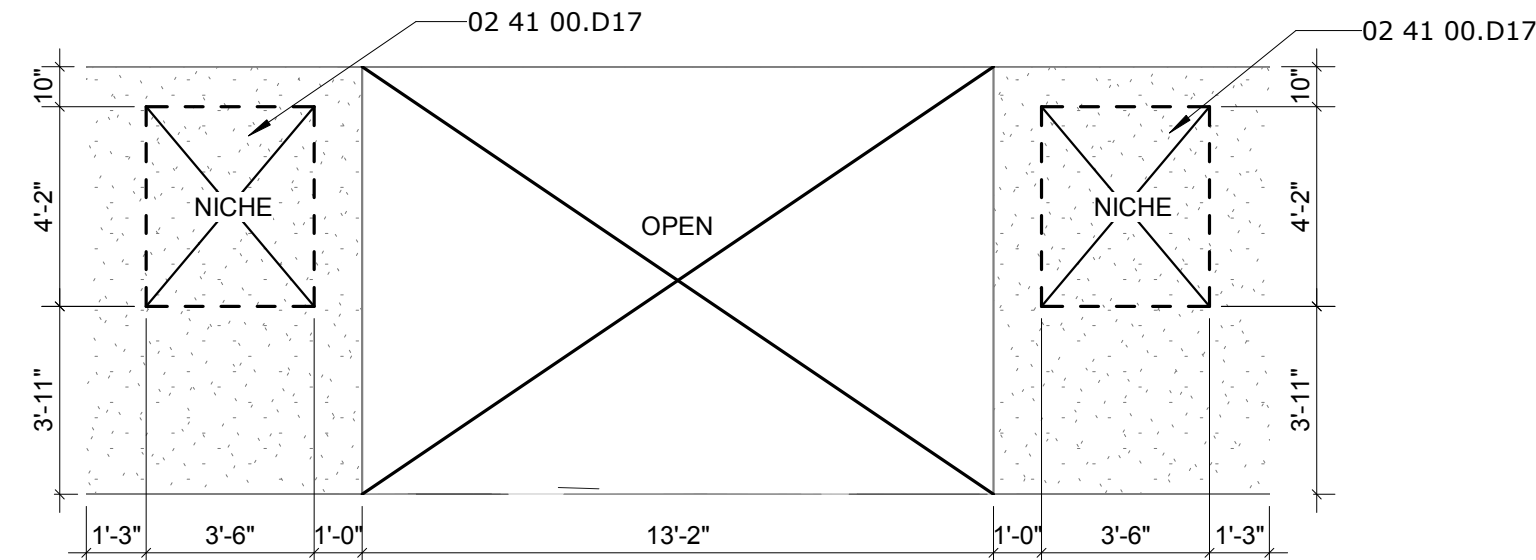
A1
AD01 FIRST FLOOR DEMOLITION PLAN
3/16" = 1'-0"



C4
AD01 ENLARGED DEMOLITION PLAN - SERVER WINDOW
3/8" = 1'-0"



B4
AD01 ELEVATION - EXTERIOR FACE - EXISTING
1/4" = 1'-0"



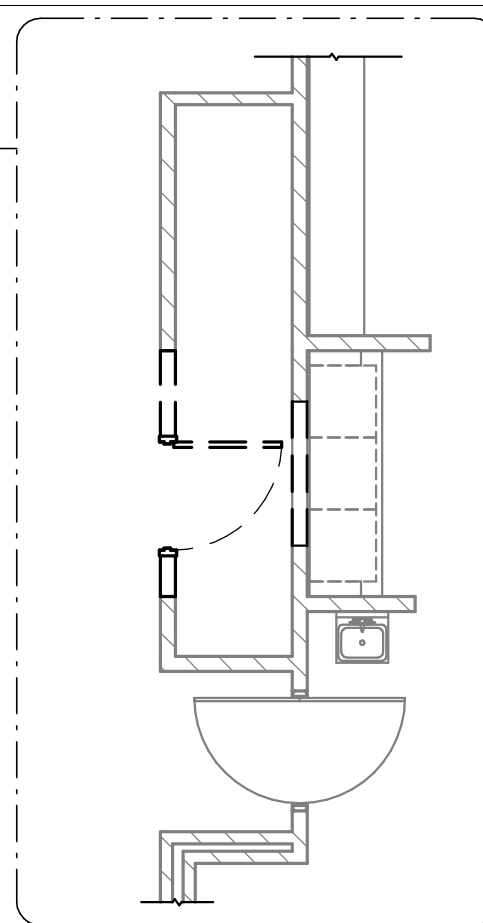
A4
AD01 ELEVATION - INTERIOR FACE - EXISTING
1/4" = 1'-0"

GENERAL NOTES DEMOLITION

- DIMENSIONS ARE NOMINAL FROM FACE OF EXISTING.
- THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING CONDITIONS AND SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- CONTRACTOR SHALL PROVIDE TEMPORARY BARRIERS DURING CONSTRUCTION TO PROVIDE DUST CONTROL AND SHALL COORDINATE WITH OWNER/ARCHITECT.
- CONTRACTOR SHALL PROTECT ALL EXISTING TO REMAIN ITEMS WITHIN WORK AREA TO PREVENT DAMAGE. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY ITEMS THAT HAVE BEEN DAMAGED DURING CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE SITE ACCESS AND STAGING AREA WITH OWNER/ARCHITECT.
- REMAINING WALLS SHALL BE PATCHED AND REPAIRED TO MATCH EXISTING FINISHES AFTER DEMOLITION/RENOVATION.
- THE CONTRACTOR SHALL REPAIR AND REPLACE ANY ITEM OR SURFACE DAMAGED BY THE WORK, OR AS REQUIRED BY NEW INSTALLATION.
- ALL DEMOLISHED MATERIALS TO BE REMOVED FROM SITE. U.N.O.
- CONTRACTOR SHALL KEEP ALL EXISTING EXIT WAYS CLEAR AND OPEN DURING CONSTRUCTION.
- CONTRACTOR TO DEMOLISH AND REMOVE EXISTING PARAPET CAP WHERE NEW CANOPY IS PROPOSED.

DEMO KEYED NOTES

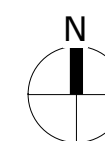
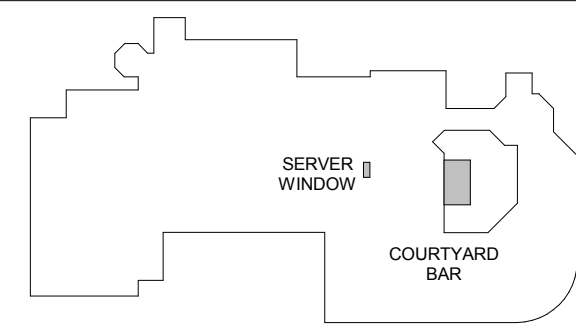
02 00 00.01	EXISTING CONSTRUCTION TO REMAIN
02 00 00.03	EXISTING EIFS WALL TO REMAIN - PATCH / REPAIR AS REQUIRED - APPLY NEW ELASTOMERIC BASE COAT WITH INTEGRATED MESH AND NEW FINISH COAT (COLOR SELECTED BY ARCHITECT)
02 00 00.04	EXISTING SOFFIT TO REMAIN - PATCH/REPAIR AS REQUIRED - PAINT (COLOR SELECTED BY ARCHITECT)
02 00 00.05	EXISTING PAVERS TO REMAIN
02 00 00.06	EXISTING DOOR TO REMAIN
02 00 00.08	EXISTING ROOFING AND ROOF DRAINS TO REMAIN - LEADER PIPES TO BE RE-ROUTED TO THE OUTSIDE OF COLUMN CHASE AS FAR AS POSSIBLE
02 00 00.09	EXISTING CHASE ACCESS PANELS TO REMAIN - PROTECT DURING CONSTRUCTION
02 00 00.11	EXISTING CASEWORK AND COUNTER TO REMAIN - PROTECT DURING CONSTRUCTION
02 41 00.D1	REMOVE PORTION OF STOREFRONT IN ITS ENTIRETY - PREPARE AREA FOR NEW WORK
02 41 00.D2	REMOVE DOORS AND HINGES FROM FRAME - PREPARE FRAMES FOR OPPOSITE DOOR SWING DIRECTION SWITCH
02 41 00.D3	REMOVE COBBLE INFILL - PREPARE FOR BRICK PAVER INFILL TO MATCH EXISTING
02 41 00.D4	REMOVE ALL BRICK PAVERS IN THIS AREA - PREPARE AREA FOR NEW SLAB ON GRADE
02 41 00.D5	SELECTIVELY REMOVE BRICK PAVERS NEEDED FOR A TRENCH TO RUN SANITARY SEWER TO THE POINT OF CONNECTION INDICATED IN THE DRAWINGS - REFERENCE PLUMBING FOR FURTHER DETAIL
02 41 00.D6	EXISTING LIGHT POST TO REMAIN - CONTRACTOR IS RESPONSIBLE FOR STRIPPING ALL PAINT LAYERS OFF TO EXPOSE THE ORIGINAL ALUMINUM FINISH - GLOBES NEED TO BE REMOVED AND PREPARED FOR REPLACEMENT
02 41 00.D7	SELECTIVE DEMOLITION - CUT AND RECESS DOWN TO SHEATHING IN AREAS INDICATED AS "NICHE". RE-APPLY WEATHER PROOF MEMBRANE AS REQUIRED
02 41 00.D8	REMOVE PORTION OF WALL INDICATED FOR NEW FIXED SHELVING
02 41 00.D9	EXISTING FOUNTAIN TO REMAIN - PROTECT DURING CONSTRUCTION
02 41 00.D10	REMOVE EXTERIOR FINISH SYSTEM DOWN TO STRUCTURE - PREPARE AREA FOR NEW CANOPY TO ATTACH TO EXISTING STRUCTURE
02 41 00.D11	REMOVE EXISTING DOOR AND FRAME IN ITS ENTIRETY - PREPARE AREA FOR NEW WORK
02 41 00.D12	REMOVE PORTION OF WALL AS SHOWN; NEW OPENING TO BEGIN AT 3'-5" A.F.F. AND END AT 7'-0" A.F.F. (4'-0" WIDE X 3'-7" HIGH) - PREPARE AREA FOR NEW WORK
02 41 00.D13	REMOVE EXISTING WALL MOUNTED ITEMS AND SIGNAGE FROM THIS AREA - SALVAGE ITEMS TO THE OWNER
02 41 00.D14	REMOVE PORTION OF EXISTING WALL AS SHOWN; BOTTOM OF NEW OPENING TO BE 7'-4" A.F.F. - PREPARE AREA FOR NEW WORK
02 41 00.D15	REMOVE ALL EXISTING SHELVING UNITS IN THIS AREA - WILL BE CLOSED OFF AS A CHASE
02 41 00.D16	SELECTIVELY REMOVE BRICK PAVERS NEEDED FOR A TRENCH TO RUN NEW GAS LINE TO THE POINT OF CONNECTION FOR THE NEW FIRE PIT - REFERENCE PLUMBING FOR FURTHER DETAIL
02 41 00.D17	REMOVE PORTION OF EXISTING WALL AS SHOWN INCLUDING EIFS FINISH, INSULATION, SHEATHING AND STUDS - PREPARE AREA FOR NEW FINISHES.



B5
AD01 SERVER WINDOW
3/16" = 1'-0"

NOTE: SEE KEY PLAN AND LIFE SAFETY DIAGRAM A2/G002 FOR SERVER WINDOW LOCATION

KEY PLAN



CORBETT COURTYARD BAR

CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003

Mark	Date	Description
75% CDS		



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PRELIMINARY -
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PROJECT NO.
206-98

SHEET TITLE
DEMOLITION PLAN

SHEET NO.

AD01

A1 BAR FLOOR PLAN
A102 1/2" = 1'-0"



EQUIPMENT SCHEDULE		
Type Mark	Description	Comments
1	EAGLE GROUP CCS-72 COMBINATION COCKTAIL STATION	EAGLE GROUP CCS-72
2	Draft Beer Dispenser	BEVERAGE-AIR KEGORATOR DD68
4	Back Bar Cooler, Refrigerator	BEVERAGE-AIR BB58G
5	Baker's Worktable w/ Underself or Tubular Base	EAGLE GROUP T2424SB
6	MANITOWOC NEO 310 UNDERCOUNTER ICE MACHINE	NEO 310
7	BAR SINK & ICE BIN COMBO UNIT	ADVANCE TABCO CRC-84-CL
8	VITAMIX BLENDER	VITAMIX - 36019
9	Back Bar Cooler, Refrigerator	BEVERAGE-AIR DZD58G-1-S-PWD
10	Worktop Refrigerator	BEVERAGE-AIR WTR48
11	Cecilware Venezia II Espresso Machine	CECILWARE ESP2-220V
12	Cecilware Venezia II Espresso Grinder	CECILWARE HC-600
13	Hand Sink	ADVANCE-TABCO 7-PS-20
14	SODA DISPENSER GUN (ABOVE COUNTER)-CHILLER, & CO2 CANISTER (BELOW COUNTER)	PROVIDED BY OWNER, INSTALLED BY CONTRACTOR

KEYNOTE LEGEND

02 00 00.03	EXISTING EIFS WALL TO REMAIN - PATCH / REPAIR AS REQUIRED - APPLY NEW ELASTOMERIC BASE COAT WITH INTEGRATED MESH AND NEW FINISH COAT (COLOR SELECTED BY ARCHITECT)
04 20 00.CBS	CONCRETE MASONRY UNIT(S) 8" - BURNISHED, COLOR AS SELECTED BY THE ARCHITECT - BURNISHED FINISH TO FACE COURTYARD, ALL EXPOSED END-PIECES TO BE BURNISHED
05 50 00.BDT	BOTTLE DISPLAY TABLE - REFER TO SHEET A510 FOR DETAILS
06 41 00.MGC	MARINE GRADE WATERPROOF 3/4" HDPE CASEWORK WITH SOLID SURFACE COUNTERTOP
08 80 00.FF	FROSTED TRANSLUCENT FILM - APPLY TO EXISTING WINDOWS PER MANUFACTURER'S RECOMMENDATIONS
08 80 00.GS1	3/8" THICK TEMPERED GLASS SHELVING - SUPPORT AT ENDS WITH ALUMINUM GLASS SHELF BRACKETS (4 PER SHELF)
08 87 17.0F	GLAZING FILM TO 4"-0" A.F.F., TYP AT BACK BAR WINDOWS
09 00 00.PB	1/2" x 4" TONGUE AND GROOVE PROFILE PVC BEAD BOARD - SECURE TO STUDS - PAINT TO MATCH NEW EIFS FINISH - SEAL AT JOINTS
09 77 33.FRP	GLASS FIBER REINFORCED PLASTIC PANEL - ADHERE TO BURNISHED CMU OR SECURE TO STUDS - REFER TO WALL TYPES
11 00 00.TV	TELEVISION - N.I.C. (OWNER PROVIDED, CONTRACTOR INSTALLED) - PROVIDE BLOCKING FOR MOUNTING BRACKETS OR SECURE TO EXISTING STUDS
12 36 00.CC	CAST-IN-PLACE CONCRETE COUNTERTOP BY MANUFACTURER - POLISH AND SEAL
12 36 00.SS1	1/2" SOLID SURFACE COUNTERTOP, MATERIAL AND COLOR TO BE SELECTED BY ARCHITECT

B3 ELEVATION - BACK BAR
A102 1/2" = 1'-0"

A3 ELEVATION - FRONT BAR
A102 1/2" = 1'-0"

CORBETT COURTYARD BAR
CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003

[illegible]

WILLIAMS DESIGN GROUP INC
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PRELIMINARY -
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INSTRUCTION

PROJECT NO.
206-98

SHEET TITLE

EQUIPMENT PLAN &
EQUIPMENT
SCHEDULE

SHEET NO.

A102

1

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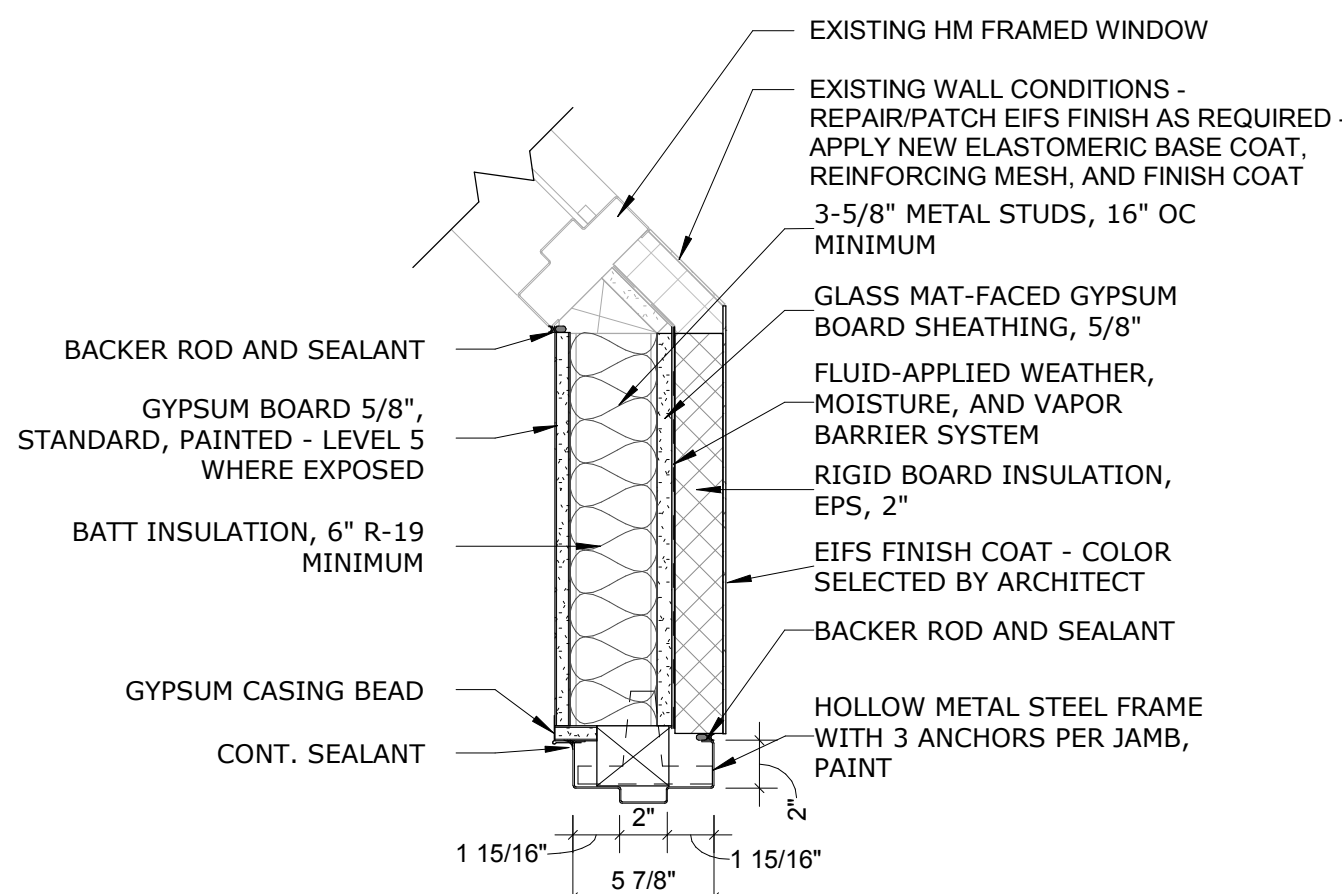
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GENERAL NOTES

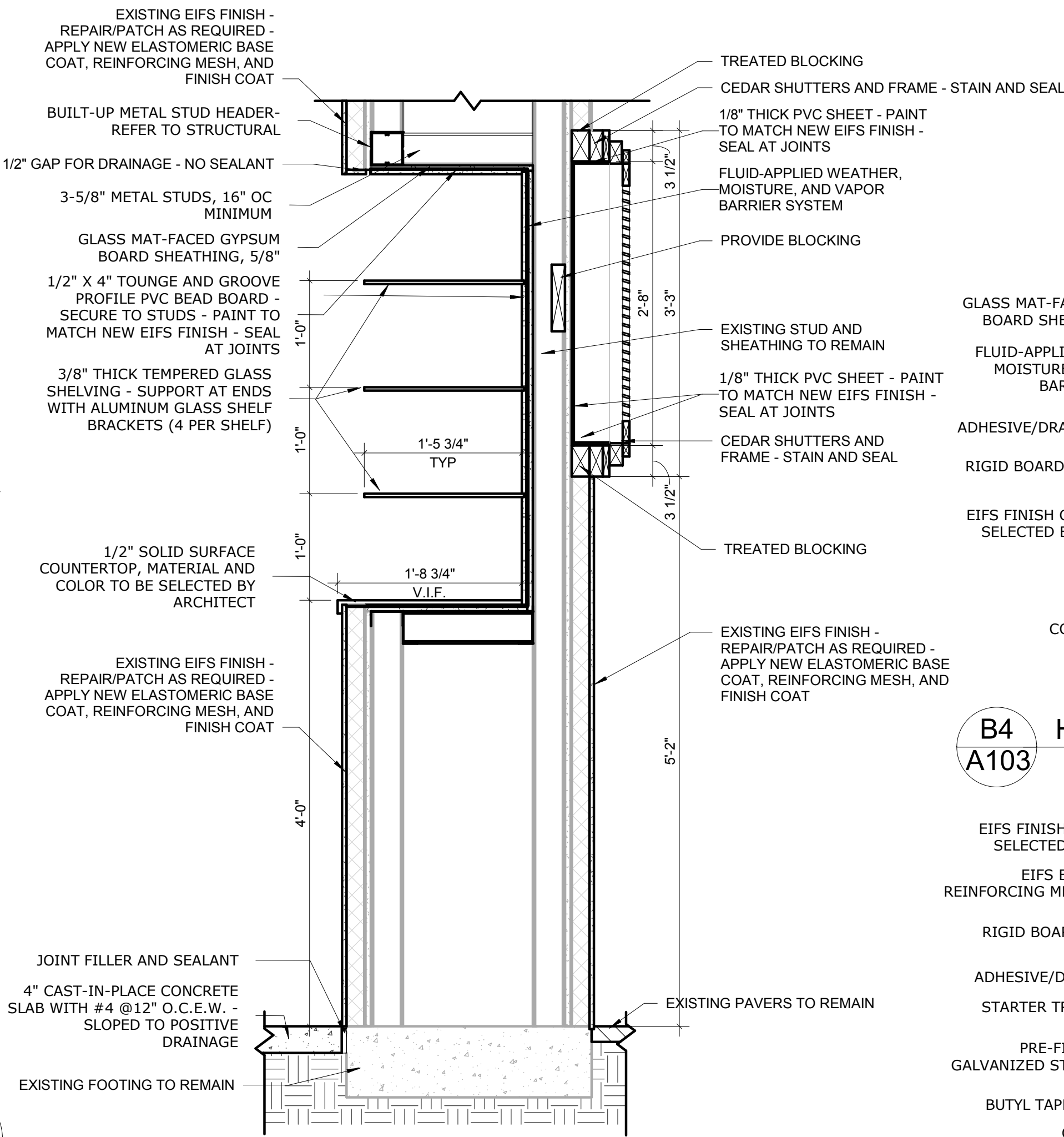
1. REFER TO COVER SHEET G001 FOR SCOPE OF WORK
2. PROVIDE FIRE RESISTANT WOOD BLOCKING BETWEEN STUDS AT ALL WALL MOUNTED EQUIPMENT, BOARDS, GRAB BARS, CASEWORK, ETC
3. REFER TO SHEET G003 FOR WALL PARTITION TYPES
4. REFER TO REFLECTED CEILING PLAN SHEETS FOR CEILING-MOUNTED EQUIPMENT, CEILING TRANSITIONS AND DETAIL INFORMATION
5. REFER TO PLUMBING SHEETS FOR SINK LOCATIONS AND SCHEDULED EQUIPMENT.
6. SEAL ALL PENETRATIONS AT EXTERIOR WALLS THROUGH RIGID CONTINUOUS INSULATION WITH MEDIUM DENSITY FOAM INSULATION
7. ALL DIMENSIONS ARE FROM FACE OF EXISTING FINISHES TO FACE OF STUD OR MASONRY COLUMNS ARE TO CENTERLINE OF COLUMN. WINDOW AND DOOR DIMENSIONS ARE TO CENTERLINE OF OPENING IN STUD WALLS.
8. SEAL ALL PENETRATIONS THROUGH FIRE RATED WALLS WITH FIRE STOPPING THAT MEETS OR EXCEEDS THE FIRE RATING OF THE WALLS.

KEYNOTE LEGEND

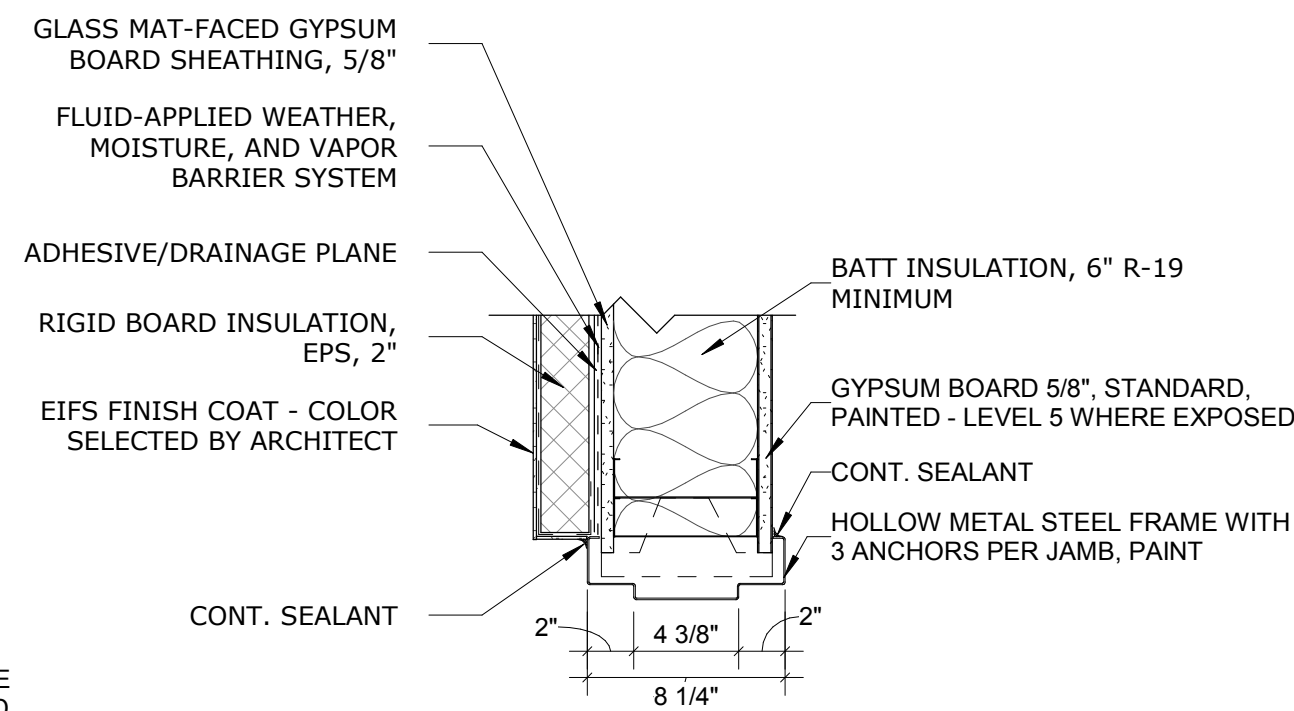
03 30 00.SL	4" CAST-IN-PLACE CONCRETE SLAB WITH #4 @12" O.C.E.W. - SLOPED TO POSITIVE DRAINAGE
05 50 00.BDT	BOTTLE DISPLAY TABLE - REFER TO SHEET A510 FOR DETAILS
06 10 00.GM58	GLASS MAT-FACED GYPSUM BOARD SHEATHING, 5/8"
07 14 00.FA	FLUID-APPLIED WEATHER, MOISTURE, AND VAPOR BARRIER SYSTEM
07 21 00.BT6	BATT INSULATION, 6" R-19 MINIMUM
07 21 00.EP2	RIGID BOARD INSULATION, EPS, 2"
07 24 00.DP	ADHESIVE/DRAINAGE PLANE
07 24 00.FC	EIFS FINISH COAT - COLOR SELECTED BY ARCHITECT
07 24 00.RM0	EIFS BASE COAT AND REINFORCING MESH; GRADE TO PARAPET/ROOF
07 24 00.ST	STARTER TRACK W/ WEEP HOLES
07 42 13.TS	BUTYL TAPE AND SEALANT
07 62 00.FL	PRE-FINISHED 24 GA. GALVANIZED STEEL FLASHING, PAINT
07 90 05.BS	BACKER ROD AND SEALANT
07 90 05.S	CONT. SEALANT
08 11 13.SFA	HOLLOW METAL STEEL FRAME WITH 3 ANCHORS PER JAMB, PAINT
08 33 23.G	OVERHEAD COILING DOOR GUIDES BY MANUFACTURER
08 80 00.GS1	3/8" THICK TEMPERED GLASS SHELVING - SUPPORT AT ENDS WITH ALUMINUM GLASS SHELF BRACKETS (4 PER SHELF)
09 00 00.PB	1/2" X 4" TONGUE AND GROOVE PROFILE PVC BEAD BOARD - SECURE TO STUDS - PAINT TO MATCH NEW EIFS FINISH - SEAL AT JOINTS
09 00 00.PS	1/8" THICK PVC SHEET - PAINT TO MATCH NEW EIFS FINISH - SEAL AT JOINTS
09 21 16.CB1	GYPSUM CASING BEAD
09 21 16.GB58	GYPSUM BOARD 5/8", STANDARD, PAINTED - LEVEL 5 WHERE EXPOSED
09 21 16.GM58	GLASS MAT-FACED GYPSUM BOARD SHEATHING, 5/8"
09 21 16.H	BUILT-UP METAL STUD HEADER - REFER TO STRUCTURAL
09 21 16.MS3	3-5/8" METAL STUDS, 16" OC MINIMUM
11 00 00.TV	TELEVISION - N.I.C. (OWNER PROVIDED, CONTRACTOR INSTALLED) - PROVIDE BLOCKING FOR MOUNTING BRACKETS OR SECURE TO EXISTING STUDS
12 36 00.CC	CAST-IN-PLACE CONCRETE COUNTERTOP BY MANUFACTURER - POLISH AND SEAL
12 36 00.SS1	1/2" SOLID SURFACE COUNTERTOP, MATERIAL AND COLOR TO BE SELECTED BY ARCHITECT
22 00 00.FD1	FLOOR DRAIN - REFER TO PLUMBING
22 00 00.FS	FLOOR SINK - REFER TO PLUMBING
22 00 00.SK	SINK - PROVIDE ADA PIPE GUARD AT ALL EXPOSED PIPING. REFER TO PLUMBING
32 13 13.JFS	JOINT FILLER AND SEALANT



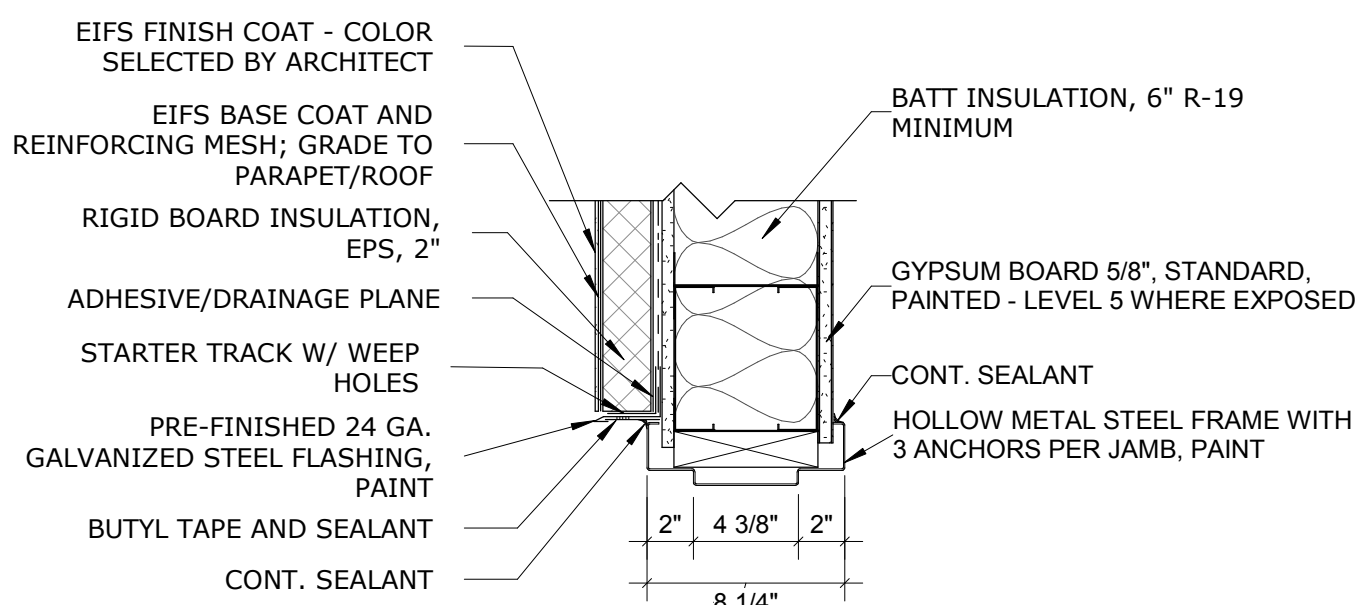
D4 HM JAMB DETAIL - 3 5/8" STUD
1 1/2" = 1'-0"



A3 IN-WALL SHELVING SECTION
1" = 1'-0"

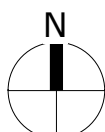
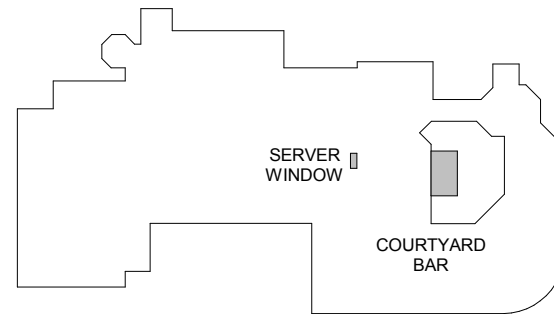


B4 HM JAMB DETAIL - EIFS
1 1/2" = 1'-0"



A4 HM HEAD DETAIL - EIFS
1 1/2" = 1'-0"

KEY PLAN



CORBETT COURTYARD BAR

CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003Description
75% CDS

Date

Mark

ISSUE:

WILLIAMS DESIGN GROUP INC
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F. 575.528.0023

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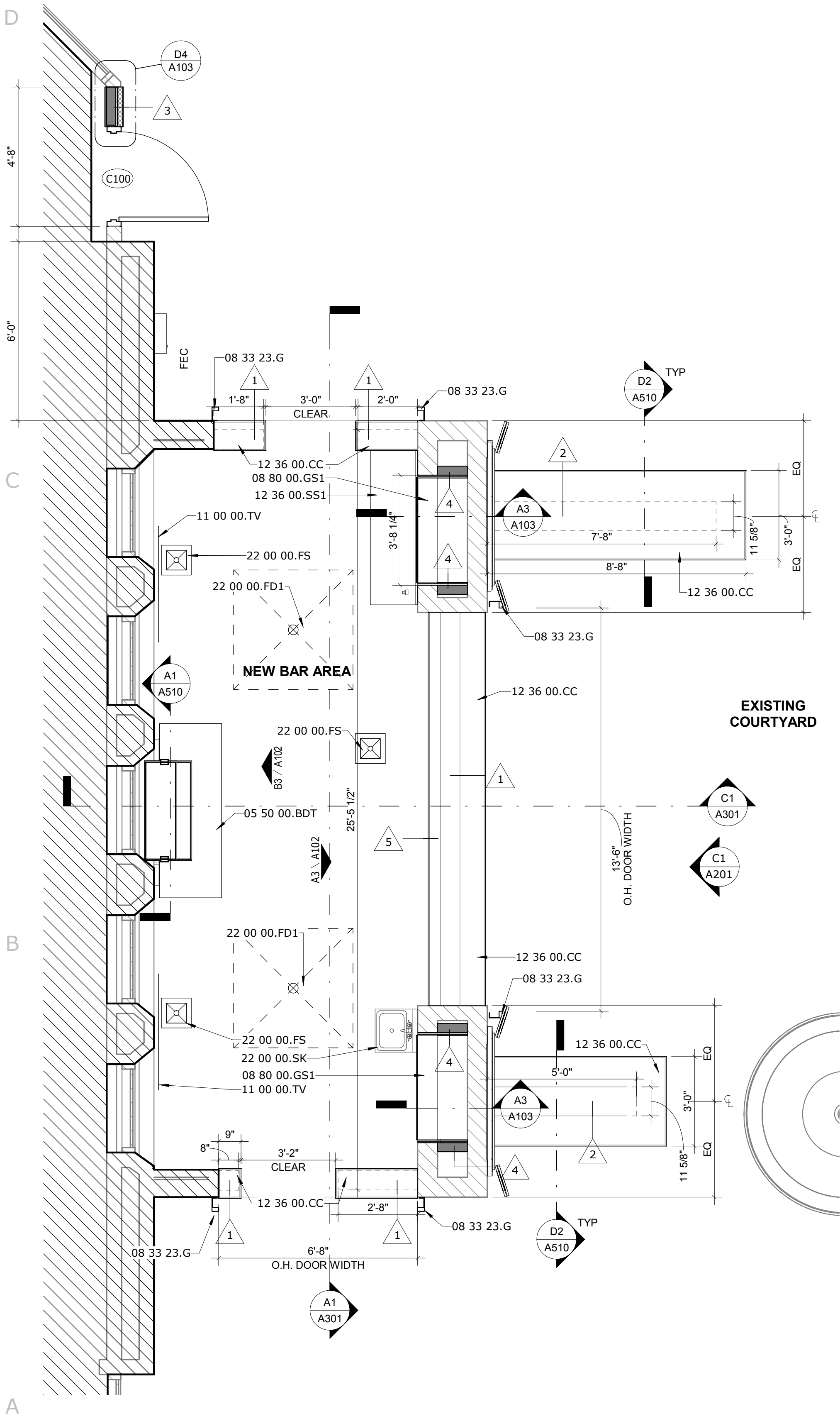
PRELIMINARY -
NOT FOR
CONSTRUCTIONPROJECT NO.
206-98

SHEET TITLE

ENLARGED FLOOR
PLAN & DETAILS

SHEET NO.

A103



A1 BAR FLOOR PLAN
3/8" = 1'-0"





CORBETT COURTYARD BAR
CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003

[illegible]

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INSTRUCTION

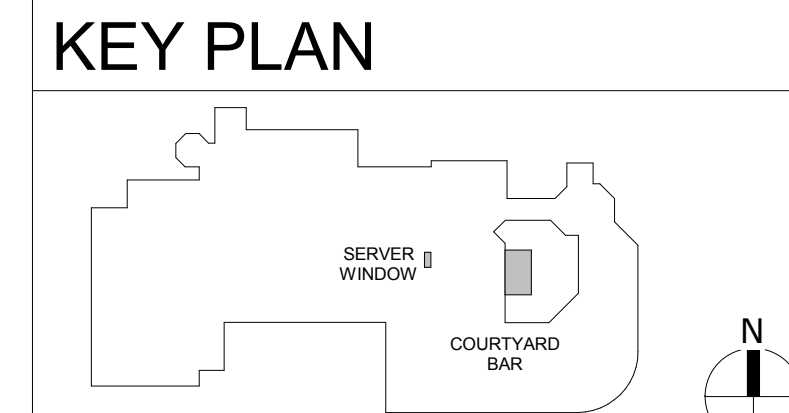
PROJECT NO.
206-98

SHEET TITLE

FLOOR SLAB PLA

SHEET NO.

A110



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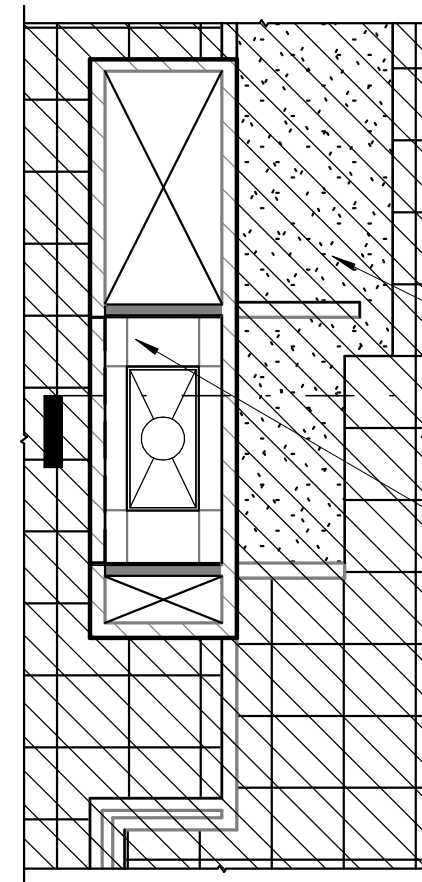
4

D

C

B

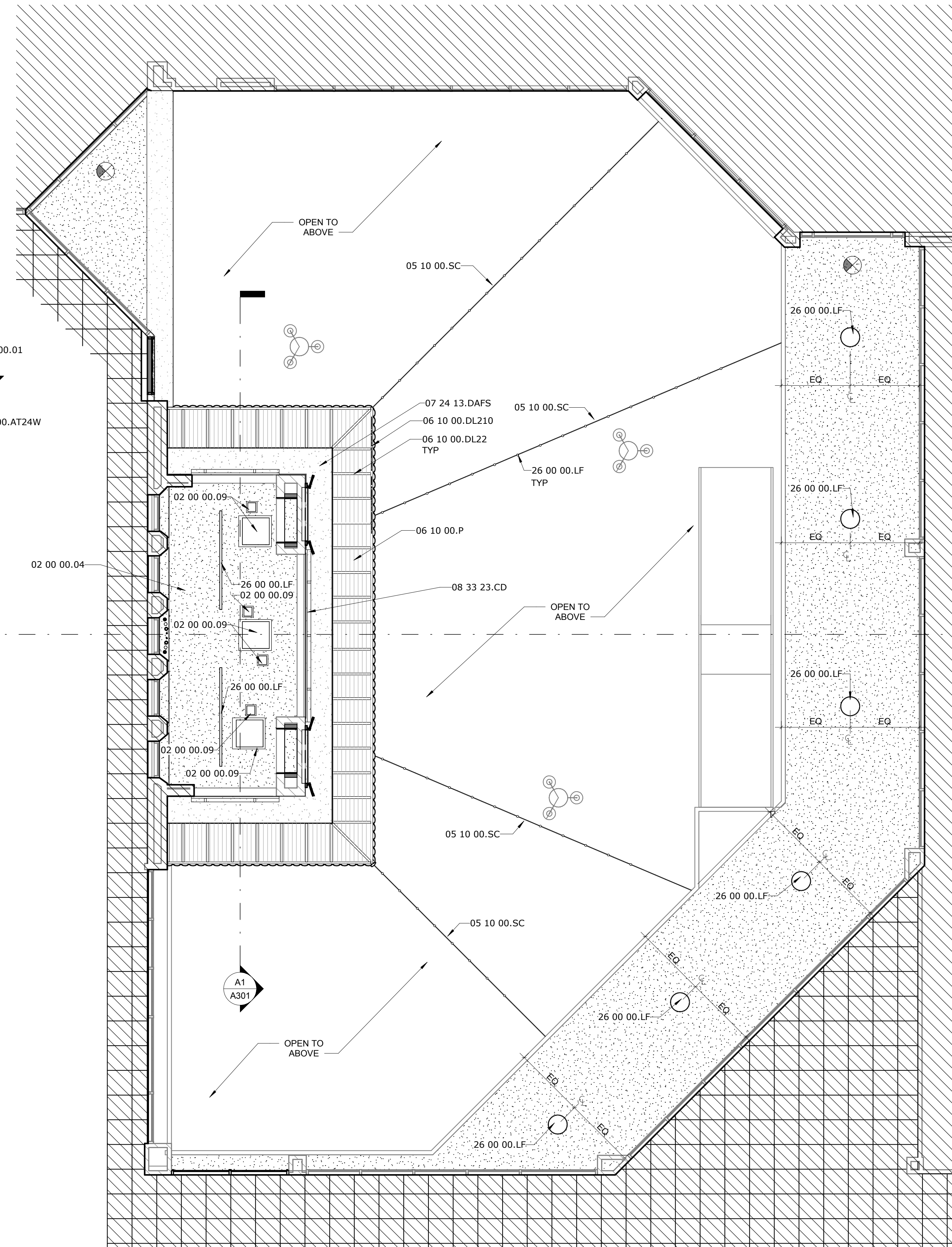
A



02 00 00.01
C4
A301
09 51 00.AT24W

C1
A121
SERVER WINDOW
3/16" = 1'-0"

02 00 00.04



A1
A121
FIRST FLOOR REFLECTED CEILING PLAN
3/16" = 1'-0"



PROJECT
NORTH

GENERAL NOTES RCP PLAN

- CONTRACTOR SHALL COORDINATE WITH ALL MECHANICAL, ELECTRICAL AND PLUMBING ENGINEERING SHEETS FOR ADDITIONAL CEILING MOUNTED EQUIPMENT.
- CONTRACTOR TO REPAIR ANY DAMAGE DONE TO EXISTING DURING CONSTRUCTION.

KEYNOTE LEGEND

02 00 00.01	EXISTING CONSTRUCTION TO REMAIN
02 00 00.04	EXISTING SOFFIT TO REMAIN - PATCH/REPAIR AS REQUIRED - PAINT (COLOR SELECTED BY ARCHITECT)
02 00 00.09	EXISTING CHASE ACCESS PANELS TO REMAIN
05 10 00.SC	1/8" Ø STAINLESS STEEL AIRCRAFT CABLE TO HOST LIGHT FIXTURE; ATTACH AT BOTH ENDS - REFER TO ATTACHMENT DETAILS
06 10 00.DL22	DIMENSIONAL LUMBER, 2X2 TREATED WOOD BATTEN @ 2'-0" O.C. - STAIN AND SEAL TO MATCH SOFFIT
06 10 00.DL210	DIMENSIONAL LUMBER, CEDAR 2X10 FASCIA BOARD - STAIN AND SEAL
06 10 00.P	5/8" YELLOW PINE REVERSE BOARD AND BATTEN EXTERIOR PLYWOOD - STAIN AND SEAL
07 24 13.DAFS	DIRECT APPLIED FINISH SYSTEM
08 33 23.CD	OVERHEAD COILING DOOR
09 51 00.AT24W	SUSPENDED TILE CEILING, 2X4 - EXISTING, RECONFIGURED
26 00 00.LF	LIGHT FIXTURE - REFER TO ELECTRICAL

RCP LEGEND

	EXISTING SOFFIT TO REMAIN		REVERSE BOARD AND BATTEN EXTERIOR PLYWOOD - STAIN AND SEAL
	2' X 4' ACOUSTICAL LAY-IN CEILING MODIFIED FROM EXISTING		GYPSUM BOARD SOFFIT OVER METAL STUD
	2x4 LIGHT FIXTURE - REF ELECTRICAL SHEETS.		
	EXIT LIGHTING - REF ELECTRICAL SHEETS.		
	SUSPENDED LIGHT FIXTURE - REF ELECTRICAL SHEETS.		
	STRING LIGHT FIXTURE ON AIRCRAFT CABLE - REF ELECTRICAL SHEETS.		
	CEILING MOUNTED LIGHT FIXTURE - REF ELECTRICAL SHEETS.		
	EXTERIOR WALL MOUNT LIGHT FIXTURE - REF ELECTRICAL SHEETS.		

CORBETT COURTYARD BAR
CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
LAS CRUCES, NM. 88003

Mark	Date	Description
		75% CDS

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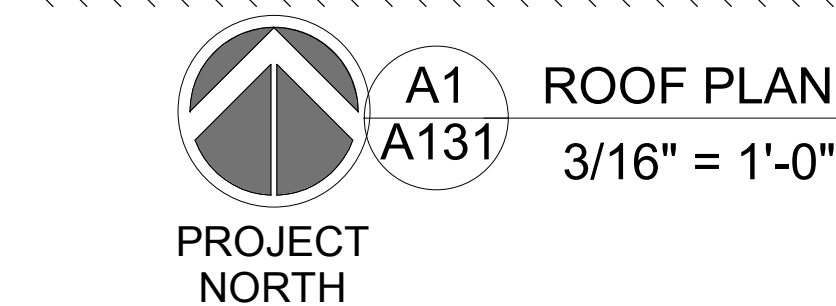
PRELIMINARY -
NOT FOR
CONSTRUCTION

PROJECT NO.
206-98

SHEET TITLE
FIRST FLOOR
REFLECTED CEILING
PLAN

SHEET NO.

A121

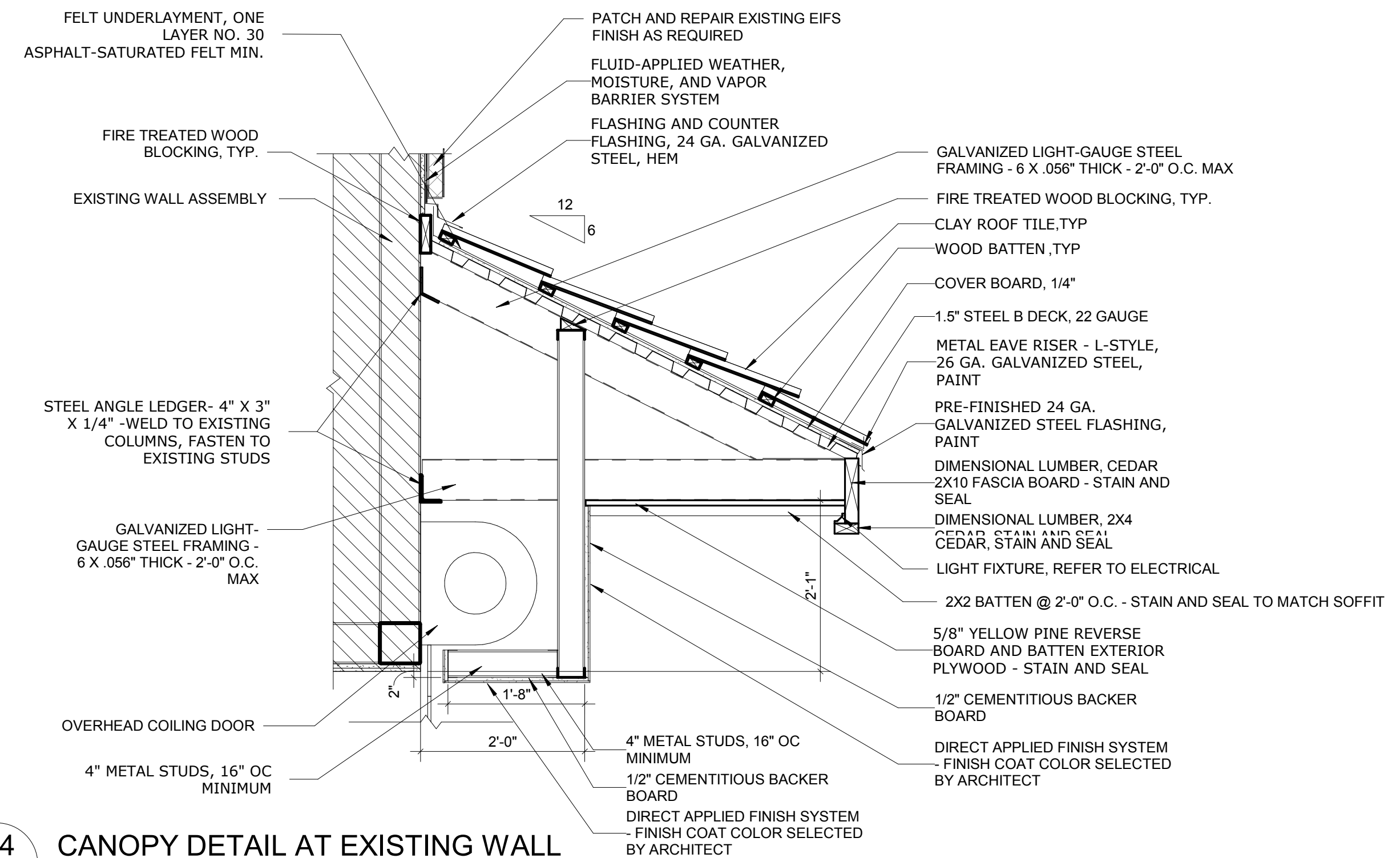


KEYNOTE LEGEND

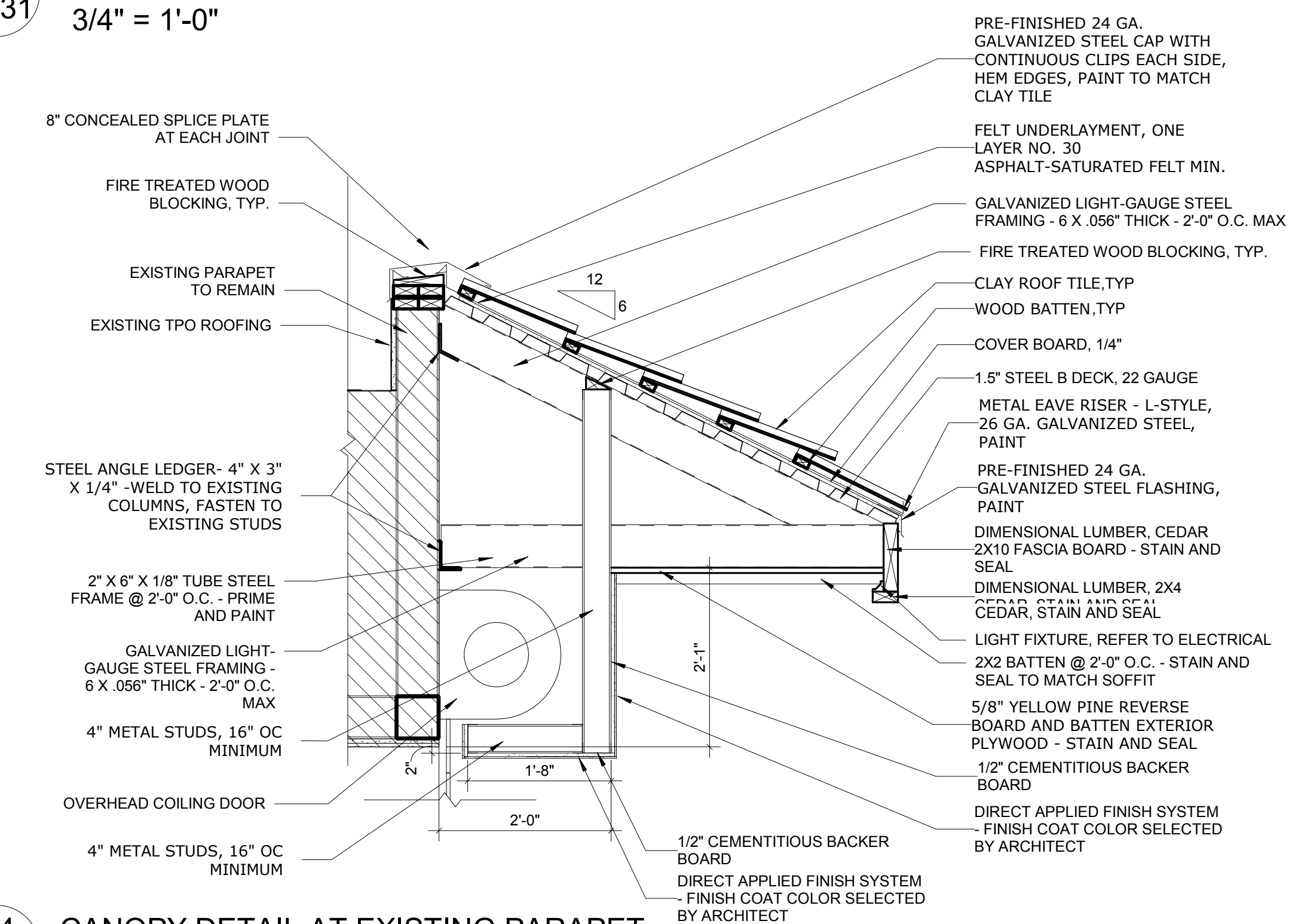
02 00 00.01	EXISTING CONSTRUCTION TO REMAIN
05 10 00.SAL	STEEL ANGLE LEDGER- 4" X 3" X 1/4" - WELD TO EXISTING COLUMNS, FASTEN TO EXISTING STUDS
05 10 00.SC	1/8" Ø STAINLESS STEEL AIRCRAFT CABLE TO HOST LIGHT FIXTURE; ATTACH AT BOTH ENDS - REFER TO ATTACHMENT DETAILS
05 31 00.SD	1.5" STEEL B DECK, 22 GAUGE
06 10 00.DL.24	DIMENSIONAL LUMBER, 2X4 CEDAR, STAIN AND SEAL
06 10 00.DL.10	DIMENSIONAL LUMBER, CEDAR 2X10 FASCIA BOARD - STAIN AND SEAL
06 10.DL10	
06 10 00.P	5/8" YELLOW PINE REVERSE BOARD AND BATTEN EXTERIOR PLYWOOD - STAIN AND SEAL
07 14 00.FA	FLUID-APPLIED WEATHER, MOISTURE, AND VAPOR BARRIER SYSTEM
07 24 00.CB	1/2" CEMENT-ITOUS BACKER BOARD
07 24 00.DAFS	DIRECT APPLIED FINISH SYSTEM - FINISH COAT COLOR SELECTED BY ARCHITECT
07 32 13.B	WOOD BATTEN
07 32 13.CF	FLASHING AND COUNTER FLASHING, 24 GA. GALVANIZED STEEL, HEM CLAY ROOF TILE
07 32 13.CT	
07 32 13.MC	PRE-FINISHED 24 GA. GALVANIZED STEEL CAP WITH CONTINUOUS CLIP EACH SIDE, HEM EDGES, FANT TO MATCH CLAY TILE
07 32 13.MR	METAL EX FIRMER L-STYLE, 26 GA. GALVANIZED STEEL, PAINT
07 32 13.UL1	FLAT UNDERLAYMENT, ONE LAYER NO. 30 ASPHALT-SATURATED FELT MIN.
07 32 16.CT	CONCRETE ROOF TILE
07 54 00.CB.14	COVER BOARD, 1/4"
07 62 00.FL	PRE-FINISHED 24 GA. GALVANIZED STEEL FLASHING, PAINT
09 21 16.MS4	4" METAL STUDS, 16" OC MINIMUM
26 00 00.LF	LIGHT FIXTURE - REFER TO ELECTRICAL

GENERAL NOTES ROOF PLAN

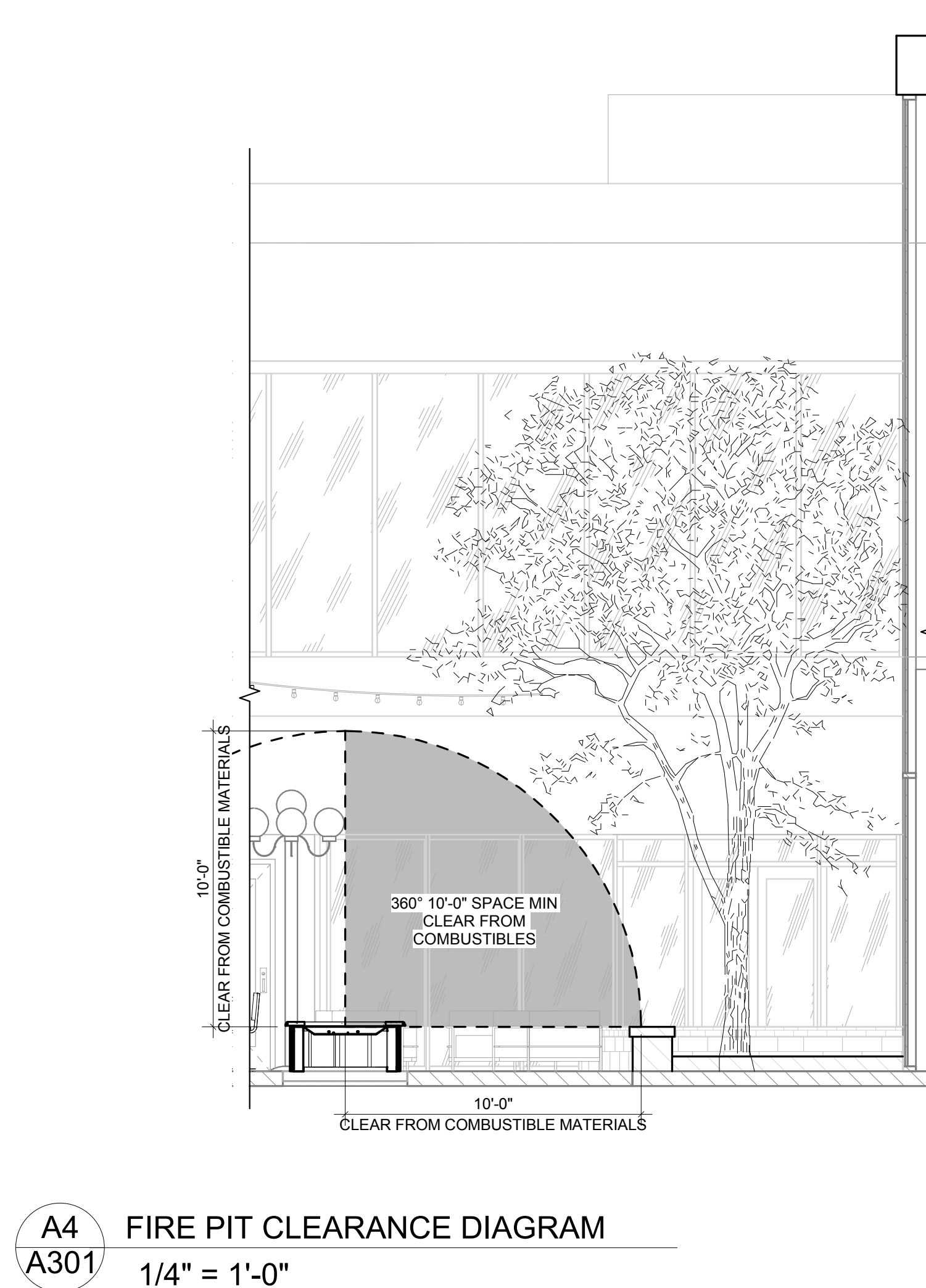
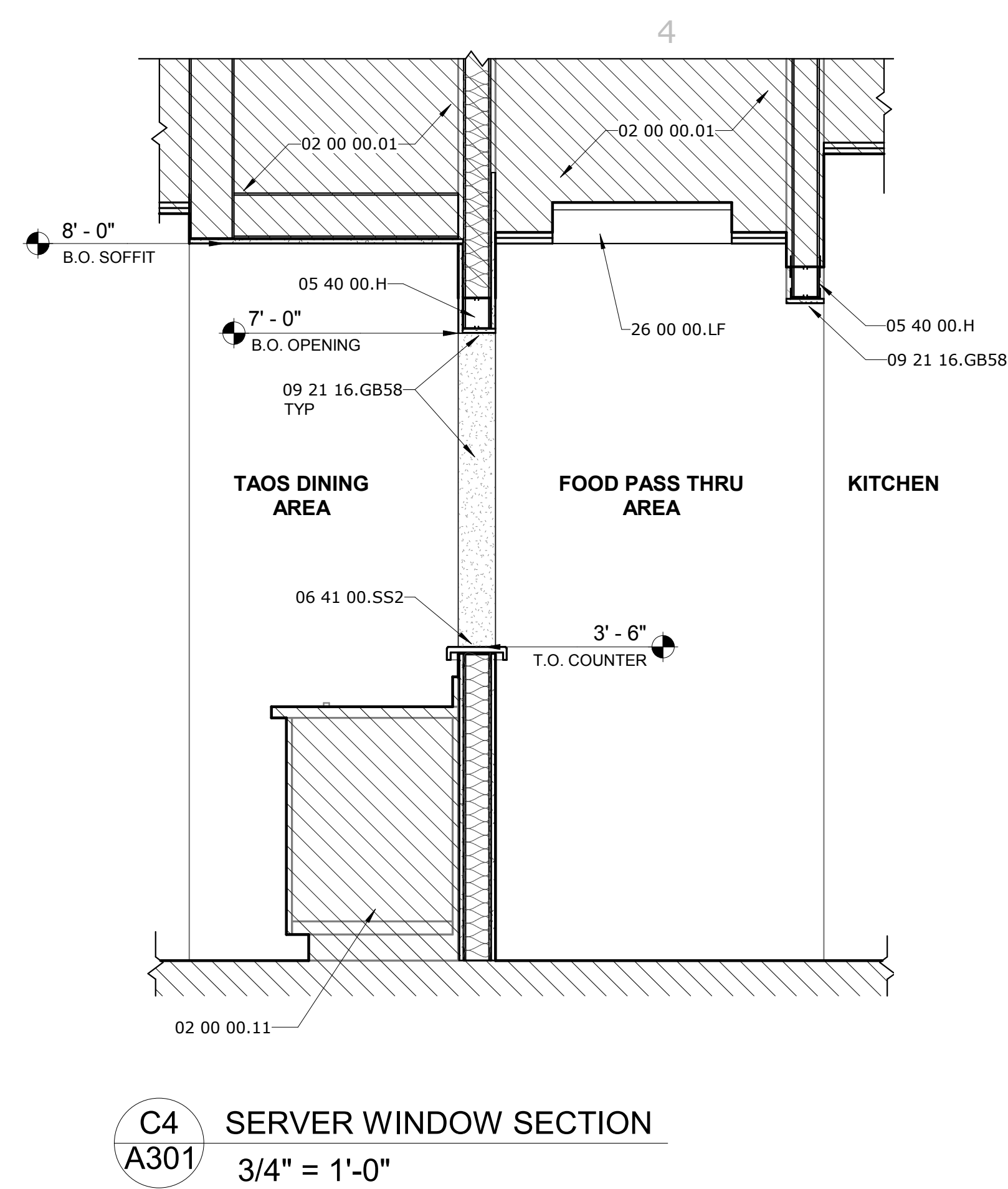
1. THE INTENT OF THE DETAILING SHOWN WITHIN THIS PROJECT IS TO REPRESENT THE MINIMUM STANDARD OF UNDERLAYMENT, FLASHINGS, TRIMS, ETC. REQUIRED TO ACHIEVE THE SPECIFIED WARRANTY.
2. CONTRACTOR TO PROVIDE NEW PRE-FINISHED PARAPET CAP WITH CONTINUOUS METAL CLEATS (EACH SIDE) AND 8" WIDE CONCEALED SPLICE PLATE AT ALL JOINTS. (SEE DETAIL 14A131)
3. GENERAL CONTRACTOR SHALL COORDINATE WITH PLUMBING AND MECHANICAL WORK IN THIS PROJECT TO DETERMINE EXTENT OF PLUMBING/MECHANICAL ROOF EQUIPMENT AND PENETRATIONS.
4. ALL ROOF FLASHING WORK SHALL BE THE RESPONSIBILITY OF ROOFING CONTRACTOR AND SHALL BE COVERED AS PART OF THE MANUFACTURER'S WARRANTY.
5. AT ROOF AND WALL PANEL TERMINATIONS, COPINGS, EDGE METAL SHALL MEET ES-1 STANDARDS.
6. ALL EXISTING ROOF DRAINS TO REMAIN - CONTRACTOR TO COORDINATE RE-LOCATION OF DRAIN PIPES WITH NEW CONSTRUCTION.



C4 CANOPY DETAIL AT EXISTING WALL
A131 $\frac{3}{4}" = 1'-0"$



A4 CANOPY DETAIL AT EXISTING PARAPET
A131 3/4" = 1'-0"



GENERAL NOTES

- A. ALL DIMENSIONS ARE TO FACE OF EXISTING FINISHES OR FINISHED FLOOR
B. REFERENCE SHEET G003 FOR MOUNTING HEIGHTS AND ADA CLEARANCES
C. PROVIDE BACKING AT ALL SHELVES, BRACKETS AND WALL HUNG FIXTURES
D. AND WALL HUNG ACCESSORIES
E. EXTEND INFILL WALLS TO B.O. EXISTING OR NEW SOFFITS OR CEILINGS
INTEGRATE NEW CONSTRUCTION WITH OLD CONSTRUCTION. PATCH AND
REPAIR EXISTING FINISHES AS REQUIRED FOR SEAMLESS INTEGRATION.

KEYNOTE LEGEND

02 00 00.01	EXISTING CONSTRUCTION TO REMAIN
02 00 00.03	EXISTING EIFS WALL TO REMAIN - PATCH / REPAIR AS REQUIRED - APPLY NEW ELASTOMERIC BASE COAT WITH INTEGRATED MESH AND NEW FINISH COAT (COLOR SELECTED BY ARCHITECT)
02 00 00.04	EXISTING SOFFIT TO REMAIN - PATCH/REPAIR AS REQUIRED - PAINT (COLOR SELECTED BY ARCHITECT)
02 00 00.05	EXISTING PAVERS TO REMAIN
02 00 00.08	EXISTING ROOFING AND ROOF DRAINS TO REMAIN - LEADER PIPES TO BE RE-ROUTED TO THE OUTSIDE OF COLUMN CHASE AS FAR AS POSSIBLE
02 00 00.11	EXISTING GASEWORK AND COUNTER TO REMAIN - PROTECT DURING CONSTRUCTION
03 30 00.F	CAST-IN-PLACE CONCRETE FOOTING
03 30 00.SL	4" CAST-IN-PLACE CONCRETE SLAB WITH #4 @12" O.C.E.W. - SLOPED TO POSITIVE DRAINAGE
04 20 00.CB6	CONCRETE MASONRY UNIT(S) 6" - BURNISHED, COLOR AS SELECTED BY THE ARCHITECT - BURNISHED FINISH TO FACE COURTYARD, ALL EXPOSED END-PIECES TO BE BURNISHED
04 20 00.CB12	CONCRETE MASONRY UNIT(S) 12" x 12" - BURNISHED ON THREE SIDES, COLOR AS SELECTED BY THE ARCHITECT
05 40 00.H	BUILT-UP STUD HEADER - LIGHT GAGE STEEL STUDS
06 41 00.SS2	SOLID SURFACE COUNTERTOP
07 24 00.FC1	EIFS FINISH COAT - COLOR SELECTED BY ARCHITECT - COLOR #1
08 33 30	SECURITY GRILLES
08 33 30.3	TRACK
08 87 17.GF	GLAZING FILM TO 4'-0" A.F.F., TYP AT BACK BAR WINDOWS
09 00 00.PB	1/2" X 4" TONGUE AND GROOVE PROFILE PVC BEAD BOARD - SECURE TO STUDS - PAINT TO MATCH NEW EIFS FINISH - SEAL AT JOINTS
09 21 16.GB58	GYPSUM BOARD 5/8", STANDARD, PAINTED - LEVEL 5 WHERE EXPOSED
09 77 33.FRP	GLASS FIBER REINFORCED PLASTIC PANEL - ADHERE TO BURNISHED CMU OR SECURE TO STUDS - REFER TO WALL TYPES
12 36 00.CC	CAST-IN-PLACE CONCRETE COUNTERTOP BY MANUFACTURER - POLISH AND SEAL
26 00 00.LF	LIGHT FIXTURE - REFER TO ELECTRICAL

CORBETT COURTYARD BAR

CORBETT CENTER STUDENT UNION
1600 INTERNATIONAL MALL
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[illegible]

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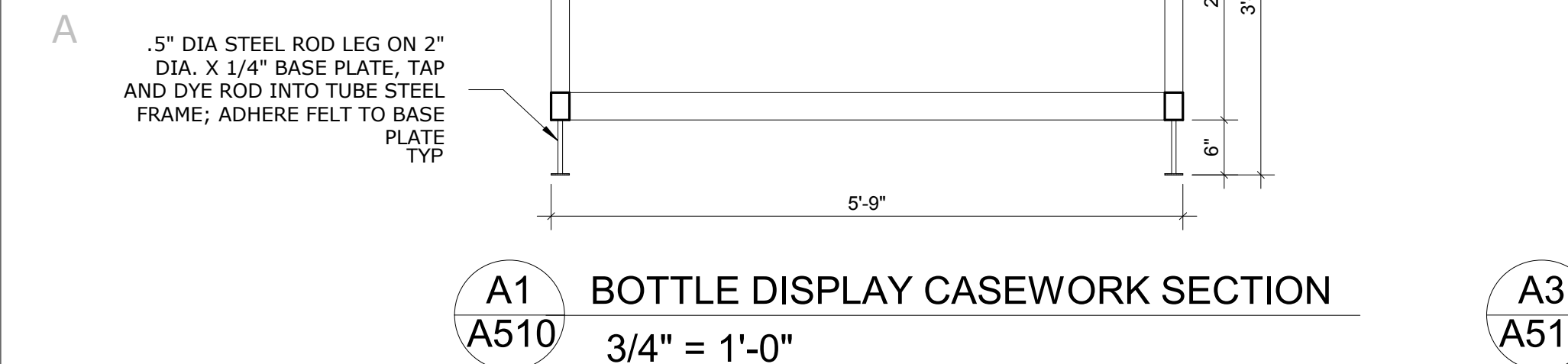
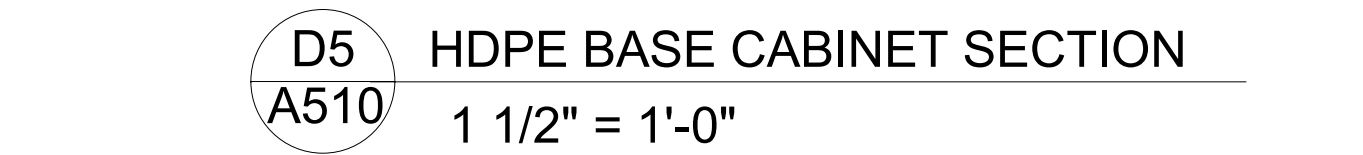
PROJECT NO.
206-98

SHEET TITLE

BUILDING SECTIONS & DETAILS

SHEET NO.	
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A301



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2

(3)

4

5

ELECTRICAL SYMBOL LEGEND

1. THESE SYMBOLS COMPRISE A STANDARD LIST; NOT ALL SYMBOLS MAY APPEAR ON THIS PROJECT.

2. ALL MOUNTING HEIGHTS ARE TO CENTER OF DEVICE ABOVE FINISHED FLOOR, MOUNTING HEIGHTS INDICATED ON ARCHITECTURAL WALL ELEVATIONS OR AS NOTED SPECIFICALLY ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER MOUNTED HEIGHTS LISTED BELOW.

LIGHTING SYMBOLS			POWER SYMBOLS			SPECIAL SYSETEMS SYMBOLS																																					
SYMBOL	DESCRIPTION	MTG. HT.	SYMBOL	DESCRIPTION	MTG. HT.	SYMBOL	DESCRIPTION	MTG. HT.																																			
	FLUORESCENT OR LED LIGHTING FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			JUNCTION BOX			DATA/TEL BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING	18"																																			
	DIRECTIONAL LIGHT, LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			DUPLEX RECEPTACLE OUTLET, WALL MOUNTED	18"		DATA BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING	18"																																			
	WALL MOUNTED FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE		<table><tr><th>SYM</th><th>DESCRIPTION</th><th>COLOR</th></tr><tr><td>IG</td><td>STANDARD 20A ISOLATED GROUND</td><td>IVORY/WHITE</td></tr><tr><td></td><td>ORANGE W/ TRIANGLE IDENTIFICATION</td><td></td></tr><tr><td>GF</td><td>20A GFI RATED</td><td>IVORY/WHITE</td></tr><tr><td>UPS</td><td>15A OR 20A FOR UPS</td><td>GRAY</td></tr><tr><td>D</td><td>DEDICATED 5-20R</td><td>GRAY</td></tr><tr><td>EM</td><td>EMERGENCY</td><td>RED</td></tr><tr><td>C</td><td>CHILD PROOF</td><td>WHITE</td></tr></table>	SYM	DESCRIPTION	COLOR	IG	STANDARD 20A ISOLATED GROUND	IVORY/WHITE		ORANGE W/ TRIANGLE IDENTIFICATION		GF	20A GFI RATED	IVORY/WHITE	UPS	15A OR 20A FOR UPS	GRAY	D	DEDICATED 5-20R	GRAY	EM	EMERGENCY	RED	C	CHILD PROOF	WHITE			TEL. BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING	18"												
SYM	DESCRIPTION	COLOR																																									
IG	STANDARD 20A ISOLATED GROUND	IVORY/WHITE																																									
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GF	20A GFI RATED	IVORY/WHITE																																									
UPS	15A OR 20A FOR UPS	GRAY																																									
D	DEDICATED 5-20R	GRAY																																									
EM	EMERGENCY	RED																																									
C	CHILD PROOF	WHITE																																									
	RECESSED CAN FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			DUPLEX RECEPTACLE OUTLET GFI RATED, WALL MOUNTED	44"		CHIME FOR DOOR BELL, WALL MOUNTED																																				
	EXHAUST FAN, REFER TO MECHANICAL PLANS			120/250VAC - 30A. 10-30R, RECEPTACLE WALL MOUNTED	18"		TRANSFORMER. VERIFY WITH MANF.																																				
	POLE LIGHTING FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			SWITCHED OUTLET, SPLIT WIRE	18"		THERMOSTAT BY OTHERS, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING	48"																																			
	DECORATIVE POLE LIGHTING FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			1/2 SWITCHED, 1/2 HOT	18"		HVAC CONTROLS, BY OTHERS, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, 1" CONDUIT TO ACCESSIBLE CEILING	48"																																			
	BOLLARD LIGHTING FIXTURE, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			QUADRUPLUX RECEPTACLE, WALL MOUNTED			DATA/TEL. BOX IN WALL, 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING, STUB UP 1" WITH PULLSTRING TO ABOVE ACCESSIBLE CEILING																																				
	CEILING FAN WITH OR WITHOUT LIGHTING KIT, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			FLOOR BOX WITH DUPLEX RECEPTACLE AND SINGLE GANG TEL/DATA			TV																																				
	EMERGENCY LIGHT, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			FLOOR BOX WITH QUADRUPLUX RECEPTACLE AND SINGLE GANG TEL/DATA			BUZZER, CEILING MOUNTED OR WALL MOUNTED, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING																																				
	EXIT LIGHT, CAPITAL LETTER INDICATES FIXTURE TYPE, REFER TO FIXTURE SCHEDULE			DUPLEX RECEPTACLE OUTLET, STUBB-UP 18" AFF FOR EQUIPMENT			PUSH BUTTON FOR BUZZER, CEILING MOUNTED OR WALL MOUNTED, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING																																				
	WALL SWITCH, 20A SINGLE POLE, SINGLE TROW	48"		ELECTRICAL WIRING THRU WALL OR CEILING			PUSH BUTTON FOR DOOR OPENER, CEILING MOUNTED OR WALL MOUNTED, PROVIDE 4" SQ. DEEP J-BOX WITH SINGLE GANG PLASTER RING																																				
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				CARBON MONOXIDE/SMOKE DETECTOR			DUCT DETECTOR																																				
	FIRE ALARM CONTROL PANEL WITH DIGITAL NOTIFIER			FIRE ALARM REMOTE ENUNCIATOR			FIRE ALARM KEY PAD																																				

ELECTRICAL SYMBOL LEGEND

A OR AMP	AMPERE	NEC	NAT'L ELECTRIC CODE
AF	AMP FUSED	NEUT	NEUTRAL
AFF	ABOVE FINISH FLOOR	NEMA	NATIONAL ELECTRICAL MANUFACTURER ASSOCIATION
AHU	AIR HANDLING UNIT		
AIC	AMPS INTERRUPTING CAPACITY	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
AL	ALUMINUM	NF	NON FUSED
AC	ABOVE COUNTER	NO	NORMALLY OPEN
COND./C	CONDUIT	PB	PUSHBUTTON
CKT	CIRCUIT	PC	PHOTOCELL
CLG	CEILING	PH	PHASE
CONN	CONNECTION	PNL	PANEL
CU	CUPPED	PRV	POWER ROOF VENTILATION
DISC	DISCONNECT	PS	PHOTO CELL
EC	ELECTRICAL CONTRACTOR	PVC	PLASTIC CONDUIT
EM	EMERGENCY	RECEP	RECEPTACLE
EQUIP	EQUIPMENTS	RTU	ROOF TOP UNIT
EWG	ELECTRICAL WATER COOLER	SW	SWITCH
EWH	ELECTRICAL WATER HEATER	TC	TIMER CONTACTOR
FA	FIRE ALARM	TEL	TELEPHONE
FLA	FULL LOAD AMPERES	T OR TRAN	TRANSFORMER
FLOUR	FLUORESCENT	TYP	TYPICAL
F	FUSE	UG	UNDER GROUND
GC	GENERAL CONTRACTOR	UH	UNIT HEATER
GFI	GROUND FAULT INTERRUPTER	UV	UNIT VENTILATOR
GND	GROUND	V	VOLT
GRS	GALVANIZED RIGID STEEL	VA	VOLT AMPERES
HP	HORSE POWER	W	WATTS
HZ	HERTZ	WP	WEATHER PROOF
IG	ISOLATED GROUND	W/O	WITHOUT
J-BOX	JUNCTION BOX	WTR	WATER
KV	KILOVOLT	Y	WYE CONNECTED
KVA	KILOVOLT AMPERES	ø	PHASE
KW	KILOWATT		
LTG	LIGHTING		
MC/MECH	MECHANICAL CONTRACTOR		
MCM	THOUSAND CIRCULAR MIL		
MTD	MOUNTED		
NC	NORMALLY CLOSED		

DEFENITIONS

CONTRACTOR	MEANS THE PERSON(S), FIRM OR COMPANY WHOSE TENDER FOR THE ELECTRICAL INSTALLATION HAS BEEN ACCEPTED BY THE EMPLOYER AND INCLUDE THE CONTRACTOR'S PERSONAL REPRESENTATIVE, SUCCESSOR, AND PERMITTED ASSIGNS. (The word "Contractor" may also mean sub-contractor as the context requires.)
DRAWINGS	MEANS THE DRAWINGS REFERRED TO IN THE CONTRACT AND ANY MODIFICATION OF SUCH DRAWINGS APPROVED BY THE ARCHITECT AND SUCH OTHER DRAWINGS AS MAY FROM TIME TO TIME BE FURNISHED OR APPROVED IN WRITING BY ARCHITECT.
EQUIPMENT SUPPLIER	MEANS A PERSON WHO GENERATE, SUPPLIES AND SELLS SPECIAL EQUIPMENT FOR USE IN THE PROJECT.
PROVIDE	FURNISH AND INSTALL, UNLESS OTHERWISE NOTED.
EQUAL	EQUAL IN QUALITY AND FUNCTION.
INSTALL	FURNISH AND INSTALL, UNLESS OTHERWISE NOTED.

ELECTRICAL GENERAL NOTES

GENERAL

- A. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE PROJECT CONDITIONS.
- B. THE ELECTRICAL CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH ALL ARCHITECTURAL AND MECHANICAL EQUIPMENT AND PROVIDE ELECTRICAL CONNECTIONS IN THIS CONTRACT FOR ANY ITEM REQUIRED.
- C. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH PROJECT PRIOR TO THE BID OPENING, TO ALLOW HIM TO SUBMIT A COMPLETE BID WITHIN THE SCOPE OF THE DRAWINGS AND SPECIFICATIONS. ANY QUESTIONS ARISING DURING THE BID PERIOD, IN REGARD TO THE CONTRACTOR'S FUNCTIONS, THE SCOPE OF THE WORK OR ANY OTHER ISSUE RELATED TO THIS PROJECT SHALL BE BROUGHT UP DURING THE BID PERIOD WITH THE ENGINEER FOR CLARIFICATION PRIOR TO AWARD OF CONTRACT.
- D. IT WILL BE THE CONTRACTOR'S OBLIGATION TO INCLUDE, IN THEIR BID, THE COSTS FOR INSTALLING JUNCTION BOXES, PROVIDING MISCELLANEOUS COVERS, WORK WITH OTHER DISCIPLINES WHERE THE CONTRACT INVOLVES ELECTRICAL POWER OR CONTROL CONNECTIONS, SWITCHES, ETC. ALL OF THIS WORK SHALL BE PART OF THIS CONTRACT.
- E. LOCATION OF EQUIPMENT AND OTHER DEVICES SHOWN ON THE PLANS ARE APPROXIMATE AND SHALL BE FIELD VERIFIED, COORDINATE WITH ARCHITECTURAL DOCUMENTS FOR EXACT LOCATIONS.
- F. THE CONDUIT RUNS AS SHOWN ON PLANS INDICATE APPROXIMATE ROUTING. EXACT LOCATION OF CONDUIT RUNS SHALL BE AS FIELD CONDITIONS DICTATE.
- G. CONTRACTOR SHALL INSTALL PULL AND JUNCTION BOXES WHEREVER REQUIRED BY N.E.C. OR JOB CONDITIONS. ALL NEW WIRING SHALL BE TAGGED AT ALL PULL BOXES, JUNCTION BOXES, EQUIPMENT BOXES AND CABINETS WITH APPROVED PLASTIC TAGS. ACTION CRAFT, BRADY OR APPROVED EQUAL.
- H. SHOULD CONTRACTOR AT ANY TIME NOTICE THAT THE ACTUAL FIELD CONDITIONS DO NOT CORRESPOND TO THE INFORMATION GIVEN ON THE DRAWINGS, THEN IT WILL BE THEIR RESPONSIBILITY TO NOTIFY THE ENGINEER FOR CLARIFICATION, PRIOR TO COMMENCING SUCH WORK.
- I. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH ALL TRADES FOR THE EXACT LOCATION OF EQUIPMENT AND APPURTENANCES THAT REQUIRE ELECTRICAL CONNECTIONS.
- J. CONTRACTOR SHALL MAKE AS-BUILT DRAWINGS DOCUMENTING ANY AND ALL WIRING AND EQUIPMENT CONDITIONS AND CHANGES WHILE COMPLETING THIS CONTRACT. PROVIDE UPDATED TYPEWRITTEN DRAWINGS FOR ALL ELECTRICAL PANELS AND LABEL ALL PANELS WITH PLASTIC LAMINATED NAMEPLATES.
- K. INSTALL BLANK DEVICE PLATES ON ALL UNUSED JUNCTION BOXES IN FINISHED AREAS.
- L. ALL ELECTRICAL WIRING AND HOME RUN CIRCUITING TO PANELS SHALL BE ROUTED IN CONDUIT, MIN SIZE 3/4" EMT CONDUIT IF NOT NOTED ON DRAWINGS.
- M. REFER TO POWER PLANS FOR DETAILED LAYOUTS OF ELECTRICAL GEAR.
- N. AFTER THE CONTRACTOR HAS RECEIVED APPROVED SHOP DRAWINGS FOR THE ELECTRICAL DISTRIBUTION EQUIPMENT, THEY SHALL SUBMIT SCALED LAYOUTS OF ALL ELECTRICAL EQUIPMENT TO THE ENGINEER FOR APPROVAL TO ENSURE THAT ALL CLEARANCE REQUIREMENTS ARE MET. THIS SUBMITTAL SHALL BE PROVIDED WITH SUFFICIENT TIME SO AS NOT INTERFERE WITH THE TIMELY EXECUTION OF THE ROUGH-IN WORK THAT WILL BE REQUIRED.
- O. WHEREVER REQUIRED, FURNISH AND INSTALL ON WALL OR CEILING FURNITURE CHANNEL, ANCHOR IRONS, OR ANY OTHER SUPPORT STRUCTURE WITH THREADED ROD HANGERS AS REQUIRED FOR THE SUPPORT OF ELECTRICAL EQUIPMENT OF ANY KIND TO ENSURE PROPER INSTALLATION.
- P. ALL NEW WIRING SHALL BE COPPER, MIN #12 THWN CU.
- Q. MOUNTING HEIGHTS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADES FOR EXACT HEIGHT REQUIRED. THIS REQUIREMENT ALSO APPLIES TO THE LOCATION OF WALL BOXES FOR HVAC SENSORS, T-STATS, ETC. THIS NOTE APPLIES TO ALL ELECTRICAL SHEETS IN THESE DRAWINGS; OUTLET DEVICES THAT HAVE TO BE RELOCATED DUE TO COUNTERTOP, CHALKBOARD, TACKBOARD, TYPE CONFLICTS WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- R. ELECTRICIAN TO CONFIRM POWER REQUIREMENTS FOR MECHANICAL EQUIPMENT DELIVERED ON SITE.
- S. ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH ARCHITECTURAL WALL OR CEILING.
- T. CONTRACTOR SHALL SAW CUT AND PATCH ASPHALT, CONCRETE OR OTHER MATERIAL ENCOUNTERED AS REQUIRED TO INSTALL NEW UNDERGROUND RACEWAY. REFER TO ARCHITECTURAL REGARDING PATCHING REQUIREMENTS.
- U. CONTRACTOR SHALL COORDINATE INSTALLATION OF NEW LAY-IN FIXTURES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND MECHANICAL DIFFUSERS PRIOR TO INSTALLATION OF FIXTURES.
- V. PROVIDE BLANK METAL COVERPLATE OVER ALL UNUSED OUTLET BOXES. PAINT COVERPLATE TO MATCH ADJACENT SURFACES.
- W. OUTLET MOUNTING HEIGHTS INDICATED ON THE DRAWINGS ARE APPROXIMATE. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH OTHER TRADES FOR EXACT HEIGHT REQUIRED. THIS REQUIREMENT ALSO APPLIES TO SWITCHES, TELEPHONE OUTLETS, DATA OUTLETS, HVAC SENSORS, ETC. ANY DEVICE THAT HAS TO BE RELOCATED DUE TO CONTRACTOR'S FAILURE TO COORDINATE LOCATION WITH COUNTERTOPS, CHALKBOARDS, TACKBOARDS, ETC. WILL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- X. ALL RECEPTACLES TO BE 20A COMMERCIAL GRADE, IVORY. WALL PLATES TO MATCH. ISOLATED GROUND DUPLEX RECEPTACLES (IG) WILL BE ORANGE BODY AND FACE PLATE.
- Y. INSTALL WALL MOUNTED LIGHT FIXTURES, SWITCHES, OUTLETS, AND COMMUNICATION DEVICES IN STRICT COORDINATION WITH ARCHITECTURAL DETAILS, SECTIONS AND ELEVATIONS.
- Z. FIRESTOPPING OF PENETRATIONS IN FIRE-RATED WALLS, FLOORS, etc. SHALL BE DONE BY A FIRESTOPPING CONTRACTOR. ELECTRICAL CONTRACTOR SHALL MAKE REQUIRED PENETRATIONS IN RATED WALLS, FLOORS, etc. NEATLY AND WITH A CUTTING TOOL, THE CONTRACTOR SHALL MAKE THE PENETRATIONS NO LARGER THAN NECESSARY, AND THE CONTRACTOR SHALL COORDINATE ALL SUCH PENETRATIONS WITH THE FIRE STOPPING CONTRACTOR BEFORE SUCH PENETRATIONS ARE MADE.
- AA. PROVIDE 1" CONDUIT WITH PULLSTRING FROM COMMUNICATION OUTLETS TO ABOVE SUSPENDED CEILING.
- BB. SUPPORT ALL FIXTURES FROM STRUCTURE ABOVE. CEILING TILES OR PLASTER CEILING SHALL NOT SUPPORT FIXTURES.
- CC. FINISHED FLOOR ELEVATIONS FOR OUTLETS AND OTHER DEVICES ARE TO CENTER OF BOX. WHERE MILLWORK IS PRESENT, BOTTOM OF BOX SHALL BE MINIMUM OF 2" ABOVE BACK- SPLASH, REGARDLESS OF DIMENSION SHOWN ON PLANS.
- DD. SUPPORT HORIZONTAL RUNS OF EMT CONDUIT EVERY 10'-0" AND AT EVERY FITTING, BOX, PANEL, ETC..
- EE. USE GLAND RING COMPRESSION THREADED FITTINGS WITH INSULATED THROAT FOR EMT CONDUIT. DOUBLE SET SCREW FITTINGS ARE ACCEPTABLE FOR 2-1/2" CONDUIT AND LARGER ONLY.
- FF. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR THE MECHANICAL EQUIPMENT'S ELECTRICAL REQUIREMENTS, INCLUDING POWER, CONTROL, COMMUNICATION, AND MONITORING, OF EACH DEVICE PROVIDED AND/OR INSTALLED BY MECHANICAL CONTRACTOR.
- GG. BEFORE INSTALLATION, EQUIPMENT AND DEVICES INCLUDING, BUT NOT LIMITED TO, ANY DEVICE WITH ELECTRICAL CONNECTIONS, DUCTWORK, INSULATION, PIPING, VALVES, AIR DEVICES, ETC., SHALL NOT BE STORED DIRECTLY ON GRADE OR ON A SLAB OR FLOOR. BEFORE AND AFTER INSTALLATION, SUCH EQUIPMENT AND DEVICES SHALL BE PROTECTED FROM ENTRY OF DIRT, TRASH, WATER (EXCEPT AS REQ'D), VERMIN, ETC.
- HH. DEVICES THAT MIGHT CAUSE OR OPERATE WITH VIBRATION OR NOISE SHALL BE ISOLATED PER MANUFACTURER'S RECOMMENDATIONS.
- II. ELECTRICAL DEVICE INSTALLATION SHALL COMPLY WITH ACCESSIBILITY CODES ADOPTED FOR NEW MEXICO. SPECIFICALLY MOUNT APPLICABLE SWITCHES, RECEPTACLES, AND ENVIRONMENTAL CONTROLS SO THAT THEY ARE MOUNTED WITH THE TOP OF THE DEVICE NO HIGHER THAN FORTY-EIGHT (48 INCHES) ABOVE THE FINISH FLOOR AND THE BOTTOM OF THE DEVICE NO LOWER THAN FIFTEEN INCHES (15 INCHES) ABOVE THE FINISHED FLOOR. ELECTRICAL DEVICES ABOVE A COUNTERTOP OR OTHER OBSTRUCTION SHOULD COMPLY WITH ICC/ANSI 117.1-2003 SECTION 308.

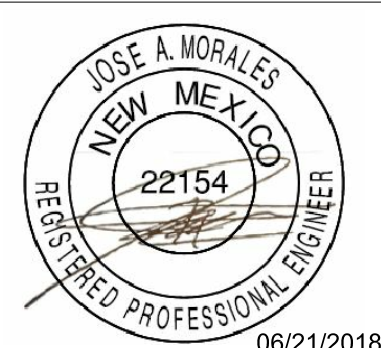
ELECTRICAL SPECIFICATIONS

- THE ELECTRICAL WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE AND ADOPTED PROVISIONS OF THE NATIONAL ELECTRICAL CODE, ENERGY CODE AS ADOPTED AND INTERPRETED BY THE STATE OF NEW MEXICO AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REGULATIONS, CURRENT ADOPTED EDITION REGARDING MECHANICAL SYSTEMS, FIRE SYSTEMS AND ELECTRICAL SYSTEMS. ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH RULES, REGULATIONS AND ORDINANCES SHALL BE PROVIDED. WHERE THE DRAWINGS INDICATE MATERIALS OR CONSTRUCTION IN EXCESS OF CODE REQUIREMENTS, THE OWNER, ARCHITECT AND ENGINEERS FREE AND HARMLESS FROM LIABILITY OF ANY NATURE OR KIND ARISING FROM HIS FAILURE TO COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES.
2. ALL WORK SHALL CONFIRM WITH FEDERAL, STATE, AND LOCAL CODES, RULES, AND REGULATIONS. ALL WORK SHALL BE PERFORMED BY A LICENSED CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE SYSTEMS SHALL BE INSTALLED COMPLETE AND FULLY OPERATIVE UNLESS OTHERWISE INDICATED.
3. ALL MATERIALS SHALL BE NEW EXCEPT WHERE NOTED OTHERWISE. ALL WORK SHALL PRESENT A NEAT AND MECHANICAL APPEARANCE WHEN COMPLETED AND SHALL BE EXECUTED IN A WORKMANLIKE MANNER.
4. REQUIRED INSURANCE SHALL BE PROVIDED BY THIS CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF WORK. CONTRACTOR SHALL SECURE AND PAY ALL PERMITS, FEES, INSPECTIONS, AND TESTS UNLESS OTHERWISE INDICATED. COORDINATE WITH ARCHITECT, ENGINEER OR OWNER SUBSTITUTIONS REQUESTED BY THE CONTRACTOR SHALL BE PAID FOR BY THE CONTRACTOR.
5. CONTRACTOR SHALL SUBMIT SPECIFIC INFORMATION ON LIST OF EQUIPMENT AND PRINCIPAL MATERIAL SPECIFIED. CONTRACTOR SHALL INDICATE AND/OR PROVIDE NAME OF MANUFACTURERS, CATALOG AND MODEL NUMBERS, CUT SHEETS, AND SUCH SUPPLEMENTARY INFORMATION AS NECESSARY TO EXHAUSTIVE MINIMUM OF SIX (6) COPIES, OR AS DIRECTED BY THE ENGINEER, OF EACH SECTION SHALL BE SUBMITTED AND SHALL INCLUDE ALL ITEMS MENTIONED BY MODEL NUMBER AND/OR MANUFACTURER'S NAME IN THE SPECIFICATION OR IN SCHEDULES ON THE DRAWINGS.
6. PROVIDE THE OWNER WITH THREE (3) COPIES OF ALL INSTALLATIONS INSTRUCTIONS, PRODUCT DATA SUBMITTAL INFORMATION, WARRANTIES, CONTACT INFORMATION DURING WARRANTY PERIOD AND BALANCING REPORTS IN 3-RING BINDERS.
7. ALL SYSTEMS AND COMPONENTS SHALL BE APPROVED FOR THE PURPOSE FOR WHICH INSTALLED. ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND FROM ESTABLISHED AMERICAN SUPPLIERS UNLESS OTHERWISE INDICATED.
8. THE CONTRACTOR SHALL COORDINATE WITH OWNER, ARCHITECT, AND OR ENGINEER ANY WORK THAT HAS THE POTENTIAL TO HINDER ELECTRICAL SERVICES TO AREA OUTSIDE OF THIS CONTRACT. ALL SHUT-DOWNS OR RE-INS RELATIVE TO THESE SYSTEMS SHALL BE SCHEDULED AND ANY SUBMITTED IN WRITING TO BE APPROVED BY THE OWNER'S FACILITY MANAGEMENT, OWNER, ARCHITECT, OR ENGINEER. CONTRACTOR SHALL SUBMIT IN WRITING A SCHEDULE FOR PHASING OF CONSTRUCTION THAT INDICATES AREAS OF FIRST PRIORITY DURING EACH PHASE AND ANTICIPATED COMPLETION TIMES. SCHEDULES SHALL BE SUBMITTED A MINIMUM OF ONE WEEK PRIOR TO COMMENCING WORK. FACILITY MANAGEMENT, OWNER, ARCHITECT OR ENGINEER SHALL REVIEW THESE SCHEDULES AND NOTIFY CONTRACTOR OF ACCEPTANCE PRIOR TO COMMENCEMENT OF WORK.
9. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND PROVIDE A WRITTEN REPORT TO THE ARCHITECT OFFICE. THIS REPORT SHALL DESCRIBE EXISTING DAMAGE OR OTHER CONDITIONS THAT MAY INTERFERE WITH THIS PROPOSED NEW WORK. THIS SITE SURVEY SHALL ALSO INCLUDE VERIFICATION OF SIZES, LOCATIONS, AND CONDITIONS OF EXISTING UTILITIES.
10. ALL WIRING SHALL BE RUN IN RIGID CONDUIT, INTERMEDIATE METALLIC CONDUIT (IMC) OR ELECTRICAL METALLIC TUBING (EMT) INSTALLED IN ACCORDANCE WITH THE NEC. MC CABLE IS ALLOWED IN WALLS ONLY. ALUMINUM CONDUIT SHALL NOT BE USED UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS. EMT OR ALUMINUM CONDUIT SHALL NOT BE INSTALLED ON CONCRETE SLABS OR BELOW GRADE. MINIMUM SIZE - 1/2" INCH. ALL CONDUITS CARRYING POWER CONDUCTORS SHALL CONTAIN A EQUIPMENT GROUND CONDUCTOR SIZED IN ACCORDANCE WITH THE NEC. A #8 PULL WIRE SHALL BE INSTALLED IN EACH EMPTY CONDUIT.
11. INCREASE BRANCH CIRCUIT WIRE SIZE AS REQUIRED TO PREVENT EXCESSIVE VOLTAGE DROP AS FOLLOWS: 60' TO 100' - #10 AWG; OVER 100' - #8 AWG.
12. THE CONDUIT SYSTEM AND NEUTRAL CONDUCTOR OF THE WIRING SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH THE NEC AND ALL LOCAL CODES AND ORDINANCES. GROUNDING AND BONDING SHALL COMPLY WITH ALL THE APPLICABLE REQUIREMENTS OF THE NEC.
13. USE THE FOLLOWING WIRING COLOR CODE:
- | | | | |
|---|-------------|-------------|--|
| A. FOR WIRE SIZES 10 AWG AND SMALLER, INSTALL WIRE COLORS IN ACCORDANCE WITH THE FOLLOWING: | | | |
| | 120/208 | 277/480 | |
| PHASE A | BLACK | BROWN | |
| PHASE B | RED | ORANGE | |
| PHASE C | BLUE | YELLOW | |
| NEUTRAL | WHITE | GRAY | |
| GROUND | GREEN | GREEN | |
| SWITCH | PINK/PURPLE | PINK/PURPLE | |
14. BURIED ELECTRICAL CONDUITS SHALL BE MARKED PER CODE REQUIREMENTS WITH UNDERGROUND WARNING TAPE 3" BELOW FINISHED GRADE. TAPE SHALL BE 4" WIDE COLORED RED WITH SUITABLE WARNING LEGEND PER ASMB A13.1.
15. CONTRACTOR TO PROVIDE BLANK COVER FOR ALL J-BOXES AND WEATHERPROOF COVERS FOR J-BOXES IN WET LOCATIONS.
16. ENCLOSURES, BOXES AND COVERS ARE REQUIRED TO CONFORM TO ALL TEST PROVISIONS OF THE MOST CURRENT ANSI/SCTE77. WHEN MULTIPLE "TIERS" ARE SPECIFIED THE BOXES MUST PHYSICALLY ACCOMMODATE AND STRUCTURALLY SUPPORT COMPATIBLE COVER WHILE POSSESSING THE HEIGHT AND TIER RATING. ALL COVERS ARE REQUIRED TO HAVE THE TIER LEVEL RATING EMBOSSED ON THE SURFACE. IN ASSEMBLY CAN THE COVER DESIGN LOAD EXCEED THE DESIGN LOAD OF THE BOX. ALL COMPONENTS IN AN ASSEMBLY (BOX & COVER) ARE MANUFACTURED USING MATCHED SURFING TOOLING. INDEPENDENT THIRD PARTY VERIFICATION OR TEST REPORTS STAMPED BY A REGISTERED PROFESSIONAL ENGINEER CERTIFYING THAT ALL TEST PROVISIONS OF THIS SPECIFICATION HAVE BEEN MET ARE REQUIRED WITH EACH

17. ELECTRICAL PANELS SHALL BE PANELBOARDS, HAVE COPPER BUSS, BOLTED CIRCUIT BREAKERS, KAIC RATING AS NOTED, PROVIDE TYPED AND LAMINATED COMPLETE SCHEDULE, MARKING IN COMPLIANCE WITH THE 2014 NEC 110.21, 110.22, 200.6(D), 210.5(C) AND 408.4.
18. ALL DISCONNECTS SHALL BE HEAVY DUTY RATED.
19. EMERGENCY EGRESS LIGHTING TO COMPLY WITH 2009 IBC SECTION 106 AND 2014 NEC 700.12.
20. THE BUILDING IS OCCUPIED WITH A LIGHT INTENSITY OF NOT LESS THAN 1 FOOT CANDLE AT THE FLOOR LEVEL.
21. ALL ABANDONED POWER WIRING WILL BE REMOVED BACK TO THE SOURCE. THE ACCESSIBLE PORTIONS OF ABANDONED CONDUIT/TUBING AND EQUIPMENT SHALL BE REMOVED. THE ACCESSIBLE PORTIONS OF ABANDONED CABLES (VOICE, DATA, VIDEO, ALARM, ETC.) SHALL BE REMOVED.
22. ALL CONDUIT INSTALLED ON THE ROOF MUST BE SUPPORTED, WITH CONDUIT SUPPORTS EVERY 10'-0". CONDUIT SUPPORT TO BE DURA-BLOCK, CONTRACTOR TO PROVIDED SIZED AND ACCESSORIES REQUIRED.
23. ALL GFCI RATED RECEPTACLE SHALL BE INSTALLED IN AN ACCESSIBLE SERVICE LOCATION, IT SHALL NOT BE INSTALLED BEHIND ANY EQUIPMENT. IF NEEDED CONTRACTOR SHALL HAVE THE OPTION TO PROVIDE A GFCI RATED CIRCUIT BREAKER WHERE REQUIRED BY CODE. ALL EQUIPMENT GFCI RATED RECEPTACLES SHALL NOT BE INSTALLED MORE THAN 12" FROM SERVING EQUIPMENT. COORDINATE ALL LOCATIONS WITH EQUIPMENT INSTALLER BEFORE DOING ANY WORK.

CORBETT COURTYARD BAR

CORBETT CENTER STUDENT UNION
LAS CRUCES, NM. 88003

[illegible]

PROJECT NO.
206-98

SHEET TITLE

ELECTRICAL GENERAL
NOTES

SHEET NO

E100




06-14-18

DEMOLITION GENERAL NOTES:

1. PRIOR TO BID SUBMISSION, THE CONTRACTOR SHALL VISIT THE SITE AND AREA OF WORK TO FAMILIARIZE WITH THE EXISTING CONDITIONS.
2. REMOVE ALL ELECTRICAL DEVICES TO INCLUDE BUT NOT LIMITED TO J-BOXES, CONDUIT, WIRING, HANGER STRAPS, HANGER SUPPORTS, SWITCHES, DISCONNECTS, PANELS, CIRCUIT BREAKERS. ALL DEMOLITION WORK IN NOT DETAILED ON THESE DRAWINGS. REMOVAL AND RELOCATION OF EXISTING ELECTRICAL WORK SHALL BE NEEDED FOR SATISFACTORY PERFORMANCE OF THIS AND OTHER TRADES.
3. THE INTENT OF THIS DRAWING IS TO RELATE THE GENERAL EXTEND OF DEMOLITION REQUIRE AND NOT TO INDICATE ALL DEVICES, REMOVALS, RECONNECTIONS OR ADDITIONAL WORK REQUIRED.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AND DISPOSING OF ALL ELECTRICAL EQUIPMENT, CONDUIT, WIRE, DEVICES, ECT. AS REQUIRED FOR A COMPLETE DEMOLITION. ALL FLUORESCENT LAMPS AND PCB BALLASTS SHALL BE DISPOSED OF IN ACCORDANCE WITH STATE ND FEDERAL REGULATIONS.
5. ALL CONDUIT NOT USED OR MADE OBSOLETE DURING DEMOLITION SHALL BE CUT BACK TO CEILING, WALL, OR FLOOR WITH THE REMAINING END PLUGGED TO ALLOW REFINISHING OF THE SURFACE. EXISTING CONDUIT THAT ARE IN WALL OR FLOORS WHICH ARE NOT REMAIN AND THE CONDUIT DOES NOT, AND WILL NOT INTERFERE WITH THE WORK OF ANY TRADE, MAY REMAIN. ALL ABANDONED WIRE SHALL BE REMOVED IN ITS ENTIRETY.
6. ALL WORK REQUIRED SHUT-DOWN OF EXISTING SYSTEM SHALL BE PERFORMED DURING OVERTIME HOURS, WITH OWNER'S APPROVAL, AT NOT ADDITIONAL COST TO THE OWNER. CONTRACTOR SHALL PLAN ND PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE OUTAGES AND SUBMIT TO THE OWNER A SCHEDULE THE REQUIRED OUTAGE.
7. REFER TO MECHANICAL AND PLUMING DRAWINGS FOR DEMOLITION/RELOCATION OF MECHANICAL OR PLUMBING EQUIPMENT. THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUIT, WIRE AND ASSOCIATED DEVICES RELATING TO HE EQUIPMENT REMOVED.
8. PRIOR TO INTERRUPTION FOR EXISTING FEEDERS OR PANELS, THE CONTRACTOR SHALL VERIFY, BY MEANS OF TRACING ALL EXISTING CIRCUITS, THAT ALL BRANCH CIRCUIT BEING FED FROM DEMOLISHED/RELOCATED FEEDERS ANA PANELS ARE NOT SERVING AREA TO REMAIN. WHERE NECESSARY, RECONNECT CIRCUITS TO CORRESPONDING NEW OR EXISTING TO REMAIN BRANCH CIRCUIT PANELS.
9. CONTRACTOR TO COORDINATE WITH OTHER TRADES FOR DEMOLITION OF FIRE ALARM DEVICES, INTRUSION DEVICES, CCTV DEVICES, PHONE/DATA DEVICES AND PA SYSTEM PRIOR TO COMMENCING DEMOLITION WORK.
10. OWNER SHALL RESERVE THE RIGHT TO CLAIM MATERIALS DURING DEMOLITION. CONTRACTOR SHALL COORDINATE WITH OWNER WHICH ITEMS AND/OR MATERIALS OWNER WISHES TO CLAIM AND REMOVE ALL ITEMS AND/OR MATERIALS NOT CLAIMED BY THE OWNER.

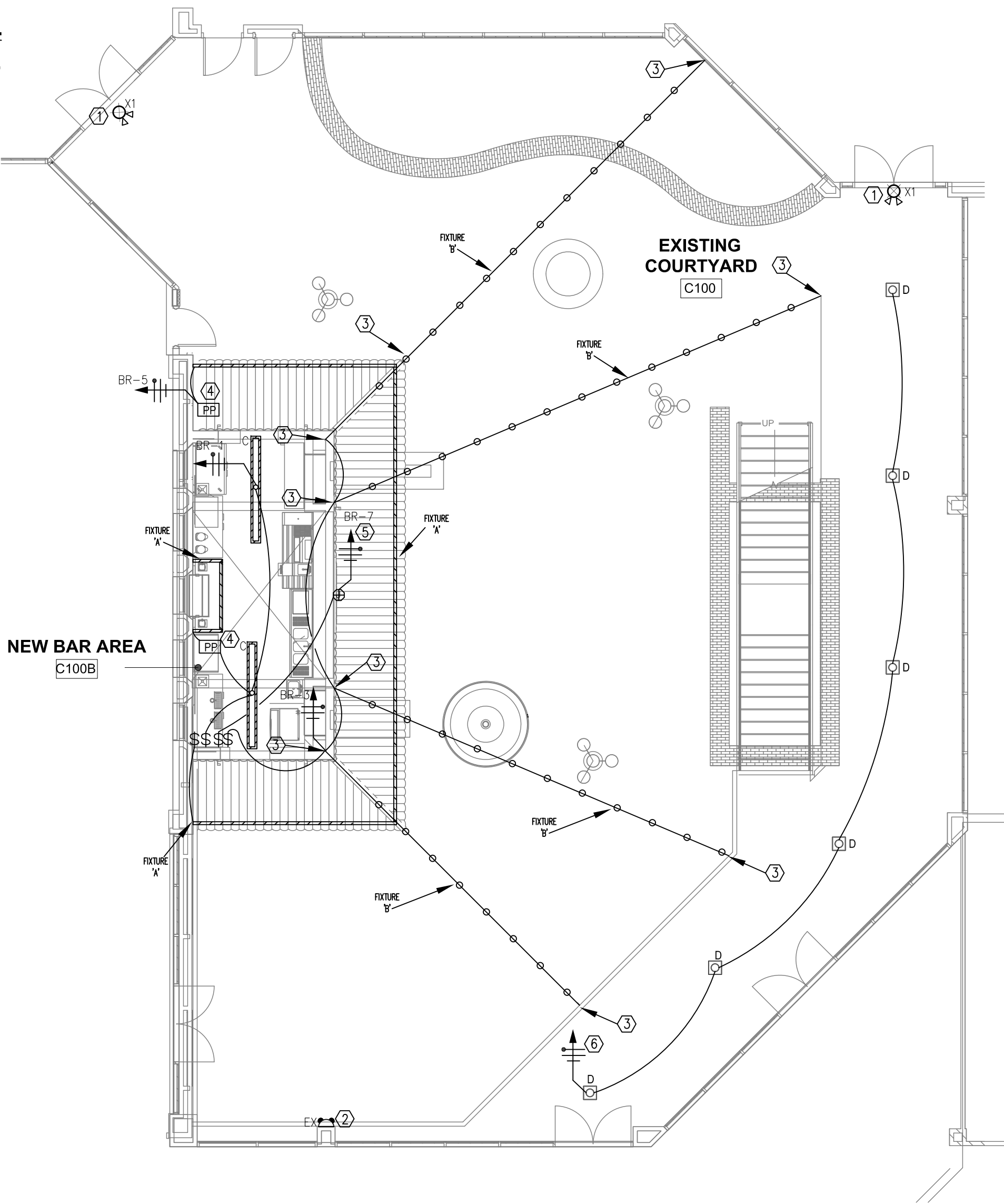
E2
E200
DEMOLITION LIGHTING PLAN
1/8" = 1'-0"

FOR THIS PAGE ONLY

DEMOLITION ELECTRICAL SYMBOL LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	
	EXISTING DOWNLIGHT FIXTURE TO BE DISCONNECT, REMOVED AND REPLACE.		

LIGHTING PLAN KEYED NOTES

- ① CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTS TO HOT LEG OF NEAREST LIGHTING CIRCUIT.
- ② INSTALL OUTDOOR REMOTE EMERGENCY HEAD ABOVE DOOR, CONNECT AS SHOWN.
- ③ COORDINATE WITH ARCHITECT FOR MOUNTING REQUIREMENTS ON EXISTING STRUCTURE.
- ④ PROVIDE AND INSTALL PSV 40 24 U2ND IP65 TRANSFORMER ABOVE ACCESSIBLE CEILING. MAKE CONNECTIONS TO TAPE LIGHT FIXTURE 'A' IN COVE AS REQUIRED.
- ⑤ PROVIDE J-BOX ON BUILDING FACADE FOR SIGN. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND REQUIREMENTS.
- ⑥ CONNECT TO EXISTING EXTERIOR LIGHT CIRCUIT.



E1
E200
LIGHTING PLAN
1/8" = 1'-0"

LIGHTING FIXTURE SCHEDULE									
TYPE	MANUFACTURER/MODEL NO.	SUPPLY	LAMP			COLOR	MOUNTING	NOTES	
			QTY.	TYPE	TEMP.				
A	LUMINII LL18WET RGB LENGTH CLIPS EXTRUSION DRIVER	120V	1	3.9W/ FT.			SURFACE	[3]	
B	CELESTIAL HYA STL GC 24 (X) STL-MC (X) STL-CT	120V	1	2W LED EA			PENDANT	[4]	
C	CREE LS8 80L 40 10V	120V	2	88W LED			SURFACE	[3]	
D	LIGHTWAY BRCC-12-LED U 20 2 B99 WSP	120V	1	20W LED			SURFACE	[3]	
X1	MULE LIGHTING N4X-EPX-1-R-6-18-C-2S-IH(120V)-PK	120V		INCLUDED		WH	CEILING/WALL	[1]	
EX	MULE LIGHTING RLED-2-WP	120V	1	INCLUDED		WH	WALL	[2]	
NOTES: [1] PROVIDE WITH 90 MIN. MINIMUM POWER LIFE BATTERY									
[2] REMOTE MOUNTED EMERGENCY HEAD, CONNECT TO INTERIOR EXIT SIGN.									
[3] COORTINATE WITH ARCHITECT FOR EXACT LOCATION									
[4] CONTRACTOR TO COORDINATE WITH ARCHITECT FOR EXACT MOUNTING REQUIREMENTS TO EXISTING STRUCTURE.									

Mark	Date	Description
ISSUE	5/10/2018	PLANNING/PROGRAMMING/SCHEMATIC

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PROJECT
NORTH

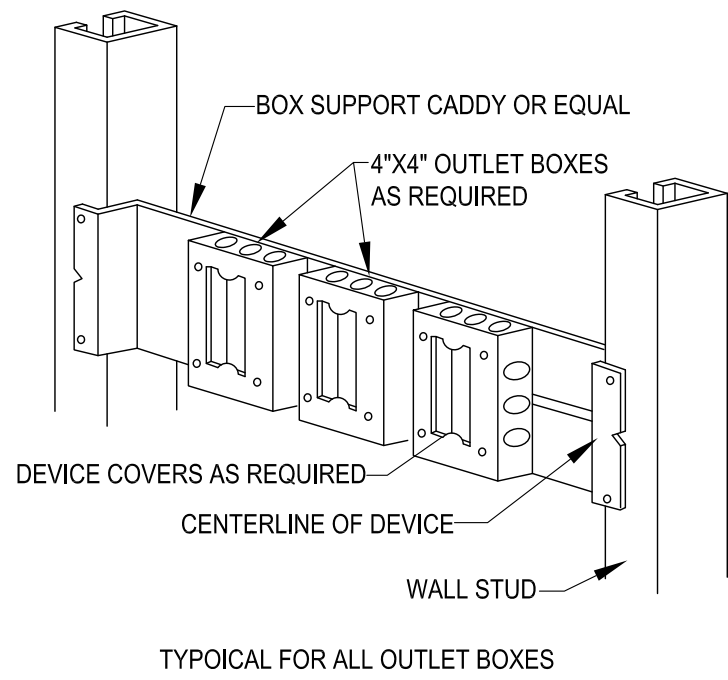


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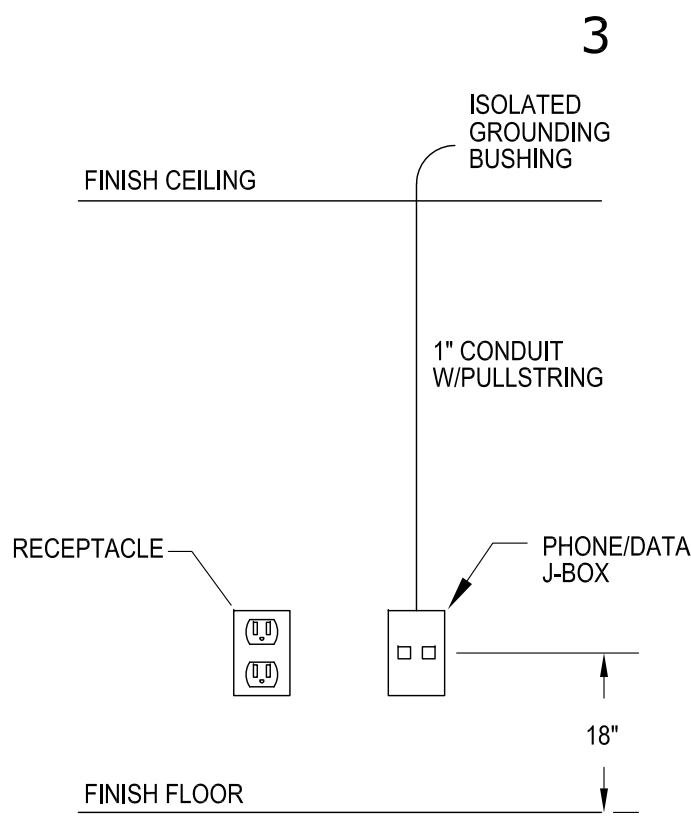
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1
E300
MULTIPLE OUTLET BOX DETAIL

NTS

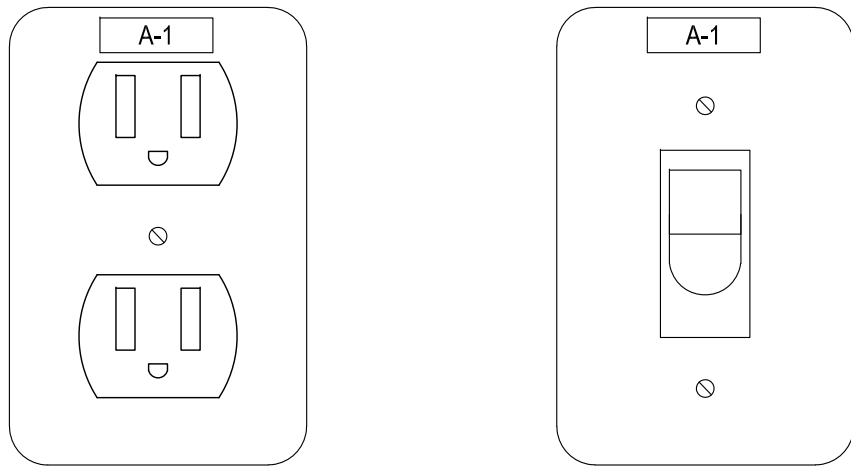
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2
E300
TYP. PHONE/DATA BOX

NTS

4

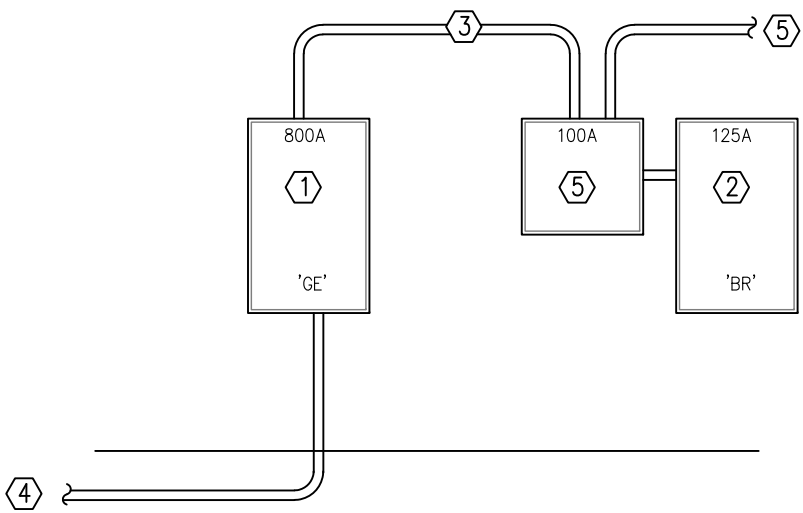


RECEPTACLE AND SWITCH LABEL
TYPICAL FOR ALL

3
E300
NOTE: PROVIDE WITH 1/8" BLACK LETTER WITH WHITE LABELS, INDICATING PANEL AND CIRCUIT FEEDING DEVICE. NTS

5

C



4
E300
ELECTRICAL RISER DIAGRAM

SCALE: N.T.S.

ELECTRICAL RISER DIAGRAM KEYED NOTES

- ① EXISTING PANEL 'GE' 800A, 120/208V, 3PH TO REMAIN.
- ② EXISTING PANEL 'BR' 125A, 120/208V 3PH TYPE 3R TO REMAIN. REFER TO PANEL SCHEDULE.
- ③ EXISTING 1 1/2" CONDUIT WITH 4-#2 THWN CU. CONDUCTORS AND 1-#8 CU. GROUND TO REMAIN.
- ④ TO 800A, 3POLE C.B. IN EXISTING PANEL 'DPLIB'
- ⑤ 100 AMP, 3 POLE, 600V, SHUNT TRIP BREAKER AT 12 KAIC WITH SHUNT TRIP ENCLOSURE. ENCLOSURE SHALL BE SIZE FOR SHUNT TRIP, HEDGE LOCKABLE DOOR COVER. SHUNT TRIP BREAKER SHALL BE CONTROL BY FIRE ALARM. COORDINATE WITH FIRE ALARM INSTALLER BEFORE DOING ANY WORK.
- ⑤ CONDUIT WITH PULLSTRING TO FIRE ALARM CONTROL PANEL. CONTRACTOR TO FIELD VERIFY EXACT LOCATION BEFORE COMMENCING ANY WORK.

PANEL OR LOAD CENTER - BR																
LOAD TYPE	CKT. NO.	DESCRIPTION	FEED CODE	AMPS	POLE	LOAD KVA	A	B	C	LOAD KVA	POLE	AMPS	FEED CODE	DESCRIPTION	CKT. NO.	LOAD TYPE
LT	1	BAR LIGHTS		20	1	0.4	1.2			0.8	1	20		REFRIGERATOR OUTLET	2	RE
LT	3	MARKET LIGHTS		20	1	0.3		1.1		0.8	1	20		REFRIGERATOR OUTLET	4	RE
LT	5	BAR EAVE LIGHT		20	1	0.3			1.1	0.8	1	20		REFRIGERATOR OUTLET	6	RE
LT	7	SIGN		20	1	0.4	1.4			1	1	20		DRAFT BEER DISPENSER OUTLET	8	RE
	9	SPARE		20	1			0.8		0.8	1	20		WORK TABLE OUTLET	10	RE
	11	SPARE		20	1				0.8	0.8	1	20		BAR OUTLETS	12	RE
RE	13	COCKTAIL STATION		20	1	0.8	1.6			0.8	1	20		WORK TABLE OUTLET	14	RE
	15	SPARE		20	1			0.8		0.8	1	20		WORK TABLE OUTLET	16	RE
	17	SPARE		20	1				0.8	0.8	1	20		ICE MACHINE	18	RE
RE	19	CARD READER		20	1	0.4	1.2			0.8	1	20		BAR OUTLETS	20	RE
	21	SPARE		20	1			0.8		0.8	1	20		TV OUTLETS	22	RE
	23	SPARE		20	1				0.4	0.4	1	20		EMERGENCY SHUT OFF	24	OT
	25	SPARE		20	1		0.8			0.8	1	20		BLENDER	26	RE
	27	SPARE		20	1			0.8		0.8	1	20		BLENDER	28	RE
	29	SPARE		20	1				0		1	20		SPARE	30	
OT	31	CARBONATOR		20	2	0.6	1.2			0.6	1	20		ESPRESSO GRINDER	32	RE
OT	33	220V, 1PH				0.6		1.2		0.6	1	20		ESPRESSO GRINDER	34	RE
OT	35	ESPRESSO MACHINE		30	2	2.4			2.4		1	20		SPACE	36	
OT	37	240V, 1PH				2.4	2.4				1	20		SPACE	38	
OT	39	WH-1		60	2	4.8		4.8			1	20		SPACE	40	
OT	41	240V, 1PH				4.8			4.8		1	20		SPACE	42	
TOTAL KVA							9.8	10.3	10.3							
TOTAL AMPS							81.7	85.8	85.8							
PANELBOARD INFORMATION																
DESIGNATION		BR														
MAIN SIZE		100 AMP														
MAIN TYPE		M.L.O.														
VOLTS		120/208														
PHASE		3														
Wire		4														
AIC RATING		12 KAIC														
NEMA TYPE		3R														
MOUNTING		SURFACE														
SERVED FROM		100 AMP, 3P, C.B. IN PANEL 'GE'.														
LOAD TYPE		CONNECTED		DESIGN FACTOR		DESIGN LOAD										
		KVA	AMPS			KVA	AMPS									
LIGHTS		1.4	3.9	1.25		1.75	4.9									
RECTANGLES		13.00	36.1	1.0		13.00	36.1									
MOTOR		0.00	0.0	NEC		0.00	0.0									
AC		0.00	0.0	1.25		0.00	0.0									
KITCHEN		0.00	0.0	1.0		0.00	0.0									
OTHER		16.00	44.5	NEC		16.00	44.5									
TOTAL		30.40	84.5			30.75	85.5									

1

2

3

4

5

PLUMBING SYMBOLS AND ABBREVIATIONS

[SOME SYMBOLS MAY NOT BE USED ON THIS PROJECT]

D

GENERAL PIPING SYMBOLS

SYMBOL	DESCRIPTION
	90 DEGREE ELBOW
	FLANGE CONNECTION
	CAP
	BLIND FLANGE
	PLUMBING FIXTURE & DESIGNATION SEE FIXTURE CONNECTION SCHEDULE
	PLAN/DETAIL NUMBER SHEET NUMBER
	PIPE DROP
	PIPE RISE
	TEE FITTING - SIDE BRANCH CONNECTION
	TEE FITTING - BOTTOM BRANCH CONNECTION
	TEE FITTING - TOP BRANCH CONNECTION
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	BALL JOINT
	EXPANSION JOINT
	FLEXIBLE CONNECTION (PIPE)
	FLOW DIRECTION
	PIPE ANCHOR
	PIPING GUIDE
	NEW CONNECTION TO EXISTING
	FIRE HYDRANT
	GAS PRESSURE REGULATOR
	GAS METER
	WATER METER
	THERMOMETER

C

DOMESTIC WATER SUPPLY

SYMBOL	DESCRIPTION
	PIPING TO BE REMOVED
	NEW COLD WATER PIPE
	NEW HOT WATER (120°)
	NEW HOT WATER RETURN (120°)
	NEW FIRE PIPE
	HOT WATER @ 140°
	SHOCK ABSORBER SEE PLUMBING FIXTURE CONNECTION SCHEDULE

A

PLUMBING ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
ABV	ABOVE	ID	INSIDE DIMENSION
AC	ABOVE CEILING	IE	INVERT ELEVATION (FLOW LINE)
AD	ACCESS DOOR	IN	INCHES
AF	ABOVE FINISHED FLOOR	INSUL	INSULATION
AP	ACCESS PANEL	IN WG	INCHES OF WATER
APPROX	APPROXIMATE	KW	KILOWATT(S)
ARCH	ARCHITECTURAL	L	LONG, LENGTH
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	L-#	LAVATORY - REF. PLUMB. FIXT. SCHEDULE
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS	LB	POUND
AV	ACID VENT	MAX	MAXIMUM
AW	ACID WASTE	MECH	MECHANICAL
BHP	BRAKE HORSEPOWER	MIN	MINIMUM
BLDG	BUILDING	MS	MOTOR STARTER
BOP	BOTTOM OF PIPE	MTD	MOUNTED
BSMT	BASEMENT	NA	NOT APPLICABLE
BTU	BRITISH THERMAL UNIT	NIC	NOT IN CONTRACT
BW-#	BACKWATER VALVE	NTS	NOT TO SCALE
CA	COMPRESSED AIR	OC	ON CENTER
CC	CENTER TO CENTER	OH	OVERHEAD
CAP.	CAPACITY	PCT	PERCENT
CD	CONDENSATE	PLBG	PLUMBING
CDP	CONDENSATE DRAIN PUMP	PRESS	PRESSURE
CI	CAST IRON	PRV	PRESSURE REDUCING VALVE
CLG	CEILING	PSIG	POUNDS PER SQUARE INCH (GAUGE)
CO	CLEANOUT	PVC	POLYVINYL CHLORIDE
CONN	CONNECTION	PRW-#	PRESSURE WASHER - REF. PLUMB. FIXT. SCHED.
CONT	CONTINUATION	RD	ROOF DRAIN
CW	COLD WATER	REF: 4/P-500	REFER TO DETAIL 4, SHEET P-500
Q	CENTER LINE	REQ'D	REQUIRED
D	DRAIN	RPBP-#	REDUCED PRESSURE BACKFLOW PREVENTER
DCO	DOUBLE CLEANOUT	S-#	SINK - REF. PLUMB. FIXT. SCHEDULE
DIA	DIAMETER	SCHED.	SCHEDULE
DN	DOWN	SD	STORM DRAIN
DN-#	DOWNSPOUT NOZZLE	SEC	SECOND
DWG	DRAWING	SH-#	SHOWER HEAD - REF. PLUMB. FIXT. SCHED.
EA	EACH	SPEC	SPECIFICATION
EQ	EQUAL	SP	SUMP PUMP
EQUIP	EQUIPMENT	SRD	SECONDARY ROOF DRAIN
EXIST	EXISTING	SS	SERVICE SINK/MOP SINK
3" ED-1	3" FLOOR DRAIN TYPE 1	STD	STANDARD
F	DEGREES FAHRENHEIT	STL	STEEL
FCO	FLOOR CLEANOUT	SW	SWITCH
FIXT	FIXTURE	TEMP	TEMPERATURE
FF	FINISHED FLOOR	TP-#	TRAP PRIMER - REF. PLUMB. FIXT. SCHED.
FG	FINISHED GRADE	TYP	TYPICAL
FLG	FLANGE	U-#	URINAL - REF. PLUMB. FIXT. SCHED.
FLR	FLOOR	UF	UNDER FLOOR
FM	FACTORY MUTUAL	UG	UNDER GROUND
FPM	FEET PER MINUTE	UL	UNDERWRITERS LABORATORIES
FT	FEET, FOOT	UTIL	UTILITY
FS	FLOOR SINK	VB	VALVE BOX
GA	GAUGE	VCP	VITRIFIED CLAY PIPE
GAL	GALLON	VEL	VELOCITY
GALV	GALVANIZED	VOL	VOLUME
GCO	GROUND CLEANOUT	VOLT	VOLTAGE
GPH	GALLONS PER HOUR	VTR	VENT THRU ROOF
GPM	GALLONS PER MINUTE	W	WIDE, WIDTH
GW	GREASE WASTE	WB-#	WASHER BOX - REF. PLUMB. FIXT. SCHED.
GV	GREASE VENT	WD-#	WATER DEVICE - REF. PLUMB. FIXT. SCHED.
H	HIGH, HEIGHT	W/	WITH
HB-#	HOSE BIBB - REF. PLUMB. FIXT. SCHED.	W/O	WITHOUT
HP	HORSEPOWER	WC-#	WATER CLOSET - REF. PLUMB. FIXT. SCHED.
HR	HOSE	WCO	WALL CLEANOUT
HTR	HEATER	WD-#	WATERING DEVICE - REF. PLUMB. FIXT. SCHEDULE
HWRP	HOT WATER RECIRCULATING PUMP	WH-#	WATER HEATER - REF. PLUMB. FIXT. SCHED.
HZ	HERTZ	WS-#	WATER SOFTENER - REF. SPECIFICATIONS
		WTD-#	WIDE TRENCH DRAIN - REF. PLUMB. FIXT. SCHED.
		WTR	WATER

GENERAL PIPING SYMBOLS - VALVES

SYMBOL	DESCRIPTION
	VALVE IN BOX
	BALL VALVE
	CHECK VALVE
	GATE VALVE
	ARCHITECTURAL
	PRESSURE & TEMP. RELIEF VALVE
	PETE'S PLUG (TYPICAL)
	REDUCED PRESSURE BACK FLOW PREVENTER (RPBP)
	PRESSURE REDUCING VALVE

SANITARY SEWER/WASTE/VENT

SYMBOL	DESCRIPTION
	CLEANOUT
	FLOOR DRAIN & P-TRAP (RISER)
	FLOOR DRAIN, ROOF DRAIN, OR AREA DRAIN (SIZE & TYPE NOTED)
	HUB DRAIN & P-TRAP
	2-WAY COUNTERSUNK CLEANOUT PLUGS MOUNT IN CONCRETE PAD FLUSH WITH FINISHED GRADE
	SANITARY COMBINATION FITTING
	VENT PIPE (PLUMBING)
	INDIRECT DRAIN
	CONDENSATE DRAIN
	FLOOR CLEANOUT
	ROOF DRAINAGE
	SECONDARY ROOF DRAINAGE
	NEW PIPING (WASTE, WATER, ETC)
	PIPING TO BE REMOVED
	EXISTING PIPING (WASTE, WATER, ETC)(LIGHT LINES)
	EXISTING WATER PIPE
	EXISTING SANITARY SEWER PIPE
	EXISTING VENT PIPE
	NEW VENT PIPE

NATURAL GAS

SYMBOL	DESCRIPTION
	PIPING TO BE REMOVED
	EXISTING MED PRESS GAS PIPE
	EXISTING LOW PRESS GAS PIPE
	GAS (MEDIUM PRESSURE)
	GAS (LOW PRESSURE PRESSURE)
	PLUG VALVE

PLUMBING GENERAL NOTES

- NOTE: FOR THE PURPOSE OF CLEARNESS AND LEGIBILITY, THE DRAWINGS ARE ESSENTIALLY DIAGRAMMATIC AND ALTHOUGH SIZES AND LOCATIONS OF EQUIPMENT ARE DRAWN TO SCALE WHEREVER POSSIBLE, THE CONTRACTOR SHALL MAKE USE OF ALL DATA IN ALL OF THE CONTRACT DOCUMENTS AND VERIFY THIS INFORMATION PRIOR TO ORDERING, FABRICATING OR INSTALLING ANY MATERIALS.
- THE PLUMBING SYSTEM DESIGN, INSTALLATION AND MATERIALS SHALL CONFORM TO ALL FEDERAL, STATE AND LOCAL CODES AND AUTHORITIES HAVING JURISDICTION.
- PLUMBING QUALITY, WEIGHTS OF MATERIALS AND ALTERNATE METHODS OF CONSTRUCTION SHALL CONFORM TO THE APPLICABLE PLUMBING CODES, WITH LOCAL JURISDICTION CODE AMENDMENTS.
- CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON THESE DRAWINGS AND SPECIFICATIONS WITH ALL DISCIPLINES AND TRADES PRIOR TO SUBMITTAL OF BID AND INSTALLATION OF SYSTEM.
- CONTRACTOR SHALL VISIT SITE PRIOR TO BID TO VERIFY ALL EXISTING CONDITIONS, INCLUDE IN BID THE RELOCATION OF ALL EXISTING UTILITIES THAT WILL OBSTRUCT NEW CONSTRUCTION, INCLUDE IN BID ALL DEVELOPMENT FEES, DEPOSITS, MEASURING DEVICE FEES, AND ALL OTHER FEES RELATED TO THE ESTABLISHMENT OF UTILITY SERVICES FOR THE NEW STRUCTURE.
- CONTRACTOR SHALL MAKE ALL ARRANGEMENTS WITH UTILITY COMPANIES FOR SERVICE AND CONNECTIONS AND SHALL PAY FOR ALL FEES, CHARGES, PERMITS AND METERS.
- THE PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND LABOR (INCLUDING THE COMPLETE PLUMBING SYSTEM) FOR A PERIOD OF ONE YEAR FROM WRITTEN ACCEPTANCE BY THE TENANT. ANY DEFECTS IN MATERIALS AND OR LABOR FOUND WITHIN THE GUARANTEE PERIOD SHALL BE REMEDIED OR REPAIRED BY THIS CONTRACTOR IN A TIMELY FASHION, AT NO COST TO THE TENANT.
- CONTRACTOR TO FIELD VERIFY INVERT ELEVATION OF EXISTING GREASE WASTE AND SANITARY SEWER BEFORE COMMENCING ANY WORK.
- ALL PLUMBING FIXTURE LOCATIONS (WATER CLOSETS, LAVATORIES ETC.) ARE DIAGRAMMATIC. CONTRACTOR SHALL REFER TO FOOD SERVICE AND ARCHITECTURAL DRAWINGS FOR EXACT PLACEMENT AND MOUNTING HEIGHTS.
- ANY DEVIATIONS FROM THE DRAWINGS OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER PRIOR TO INSTALLATION.
- CONTRACTOR SHALL VISIT SITE PRIOR TO SUBMITTAL OF BID AND FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS. SUBMITTAL OF BID WILL VERIFY THAT THE CONTRACTOR HAS VISITED THE SITE.
- PIPING SHALL BE INSTALLED PARALLEL TO BUILDING LINES AND SUPPORTED AND ANCHORED AS REQUIRED TO FACILITATE EXPANSION AND CONTRACTION. THE INSTALLATION SHALL MEET ALL CONSTRUCTION CONDITIONS AND ALLOW FOR THE INSTALLATION OF OTHER TRADES.
- SUPPORT PIPING WITH CLEVIS OR SPLIT RING TYPE PIPE HANGERS WITH 3/8" ALL THREAD ROD AND BEAM CLAMPS. "PLUMBERS TAPE AND WIRE" NOT PERMITTED.
- TRAP PRIMERS FOR FLOOR DRAINS AND FLOOR SINKS AND WATER HAMMER ARRESTORS TO BE INSTALLED AS PER APPLICABLE PLUMBING CODES, WITH LOCAL JURISDICTION CODE AMENDMENTS AND THE LATEST EDITION OF THE AMERICAN SOCIETY OF SANITARY ENGINEERING (ASSE 1010) SIZING AND INSTALLATION REQUIREMENTS.
- ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTORS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
- ALL SERVICE WATER HEATING EQUIPMENT TO BE IN COMPLIANCE WITH THE APPLICABLE PLUMBING CODES, WITH LOCAL JURISDICTION CODE AMENDMENT REQUIREMENTS AND LABELED AS SUCH.
- ALL ITEMS PROJECTING THROUGH THE ROOF SHALL BE FLASHED THROUGH CURBS OR PIPE SEALS A MINIMUM OF 12" ABOVE THE ROOF. THE PIPE CURBS AND SEALS SHALL BE INSTALLED BY THE ROOFING CONTRACTOR. ENSURE THAT AMPLE BOOT OPENINGS ARE PROVIDED TO ACCOMMODATE ANY ELECTRICAL CONDUIT PENETRATIONS REQUIRED FOR POWER.
- CONTRACTOR SHALL PROVIDE: FAUCETS, TRAPS, STOPS, BALL VALVES, BACKFLOW DEVICES FOR KITCHEN EQUIP, GASCOOKS, WATER HAMMER ARRESTORS, CLEANOUT COVERS AND INDIRECT WASTE TO AN APPROVED RECEPTOR AND ALL NECESSARY TIRM FOR A COMPLETELY CONNECTED PLUMBING SYSTEM. (SEE SCHEDULES).
- ALL CLEANOUTS SHALL BE INSTALLED WHERE READILY ACCESSIBLE AND LOCATED AS PER CODE REQUIREMENTS. THE CONTRACTOR SHALL CORRELATE ALL CLEAN OUT LOCATIONS WITH EQUIPMENT, MILLWORK, ETC., PRIOR TO INSTALLATION.
- ALL PLUMBING FIXTURE VENTS TO TERMINATE A MINIMUM OF 12 INCHES FROM ANY VERTICAL SURFACE AND 10'-0" FROM OR 3'-0" ABOVE ANY MECHANICAL EQUIPMENT OUTSIDE AIR INTAKE.
- ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS CONNECTED SUPPLY LINE UNLESS OTHERWISE NOTED ON DRAWINGS.
- UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
- PIPING SHALL BE INSTALLED COMPLETE WITH DIELECTRIC UNIONS BETWEEN CONNECTIONS OF NON-FERROUS MATERIALS.
- PROVIDE DIELECTRIC INSULATION FOR COPPER PIPE ANYWHERE IT CONTACTS DISSIMILAR METAL. THIS INCLUDES THE WATER HEATER CONNECTIONS.
- PROVIDE ACCESSIBLE WATER SUPPLY STOP VALVE(S) AT EACH PLUMBING FIXTURE.
- PROVIDE A LINE SIZED PRESSURE REDUCING VALVE AT THE BUILDING SERVICE CONNECTION SHOULD THE SUPPLY PRESSURE EXCEED 80 PSI.
- ALL UNDERGROUND METALLIC PIPE AND FITTINGS SHALL BE PROTECTED IN ACCORDANCE WITH THE SOILS ENGINEER'S RECOMMENDATIONS.
- NO PIPING SHALL BE DIRECTLY EMBEDDED IN CONCRETE, MASONRY WALLS, OR CONCRETE FOOTINGS.
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS FOR ALL POINTS OF CONNECTION WITH THE GENERAL CONTRACTOR AND OTHER TRADES PRIOR TO START OF WORK.
- VERIFY EXACT LOCATIONS, DEPTH AND SIZE OF ALL PIPING TO WHICH CONNECTIONS ARE REQUIRED. COORDINATE ALL CONNECTIONS WITH SITE CONDITIONS AND SITE UTILITY CONTRACTORS/ADJACENT OWNERS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO PLUMBING UTILITIES INCLUDING, TRENCHING, BACKFILL, SUPPORTS, CLEAN-OUT PADS, SERVICE VALVES AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING.
- ALL HORIZONTAL PIPING LINES EXTENDED AND CONNECTED TO EQUIPMENT SHALL BE RUN AT THE HIGHEST POSSIBLE ELEVATIONS AND NOT LESS THAN 6" ABOVE THE FLOOR TO PROVIDE CLEARANCE FOR CLEANING.
- ALL CUTTING OF EXISTING PAVING, WALKS AND/OR FLOORS SHALL UTILIZE MACHINE SAW CUTTING EQUIPMENT. HOLES FOR PIPES IN CONCRETE WALLS OR FLOORS SHALL UTILIZE CORE DRILLING EQUIPMENT. COORDINATE WITH ARCHITECTURAL DETAILS FOR FLOOR CUTTING AND PATCHING.
- THE PLUMBING CONTRACTOR IS TO PROVIDE ALL ADDITIONAL STEEL, HANGER MATERIALS, RODS AND CLAMPS AS REQUIRED FOR COORDINATION WITH WORK OF OTHER TRADES.
- PIPING LAYOUT IS SCHEMATIC ONLY, EXACT ROUTING AND INSTALLATION OF PIPES TO BE COORDINATED WITH THE BUILDING STRUCTURE AND THE WORK OF OTHER CONTRACTORS. NO WATER OR DRAIN LINES ARE PERMITTED TO BE INSTALLED OVER OR UNDER ELECTRICAL PANELS.
- NO LIQUID TRANSMISSION PLUMBING PIPING SHALL BE INSTALLED ABOVE ELECTRICAL SWITCH GEAR, EQUIPMENT, OR PANELS. MAKE ADJUSTMENTS NECESSARY TO REROUTE PIPING FOR ACTUAL INSTALLATION OF ELECTRIC EQUIPMENT.
- WHenever foundation walls, exterior walls, roofs, etc. are penetrated for the installation of plumbing systems, they shall be PATCHED TO MATCH EXISTING CONSTRUCTION AND SEALED WEATHER TIGHT.
- ANY EXPOSED PIPING IN GUEST OR PUBLIC AREAS SHALL BE PAINTED TO MATCH THE WALL COLOR. ANY EXPOSED GAS PIPING IN KITCHENS SHALL BE PAINTED WHITE.
- DURING THE PROGRESS OF THE WORK, MAINTAIN AN ACCURATE RECORD OF ALL CHANGES MADE IN THE PLUMBING SYSTEMS. THE RECORD DRAWING SHALL SHOW CHANGES IN MANUFACTURER (WITH NUMBERS AND TRADE NAMES), MATERIALS, SIZES, LOCATIONS AND HOOK-UP POINTS. AS-BUILT SHALL BE GIVEN TO OWNER'S CONSTRUCTION MANAGER AT COMPLETION OF JOB.
- UPON COMPLETION OF JOB, THIS CONTRACTOR SHALL INSPECT ALL EXPOSED PORTIONS OF THE PLUMBING INSTALLATION AND COMPLETELY REMOVE ALL EXPOSED LABELS, SOIL, MARKINGS AND FOREIGN MATERIAL EXCEPT PRODUCT LABELS AND THOSE REQUIRED BY LAW.
- PLUMBING CONTRACTOR SHALL BE ON SITE AND PRESENT AT THE DATE OF THE PROJECT TURNOVER.
- PLUMBING CONTRACTOR SHALL PROVIDE MANUFACTURER'S OPERATION LITERATURE FOR ALL INSTALLED EQUIPMENT AND FIXTURES AT THE DATE OF PROJECT TURNOVER.
- ALL PLUMBING FIXTURES SHALL MEET AND BE INSTALLED AT DIMENSIONS REQUIRED BY ACCESSIBILITY STANDARDS FOR HANDICAPPED PERSONS.
- ANY PLASTIC PIPING (PVC PIPE) LOCATED IN A RETURN CEILING SPACE (OPEN CEILING) OR PLENUM SHALL BE ENCLOSED IN GFB OR WRAPPED WITH 3M FIREMASTER BLANKET OR UL910 STANDARD COVER.
- ALL UNDERGROUND WATER PIPING SHALL BE SOFT COPPER PIPING. THERE SHALL NOT BE ANY UNDERGROUND JOINT FITTINGS.
- ALL DENTAL SPECIALTY PIPING SHALL BE COPPER PIPING.
- DENTAL SPECIALTY PIPING SHALL BE INSTALLED BY A CERTIFIED MED GAS INSTALLER WITH 5 YEARS EXPERIENCE.
- ALL PIPING IN FINISHED ROOMS OR SPACES SHALL BE CONCEALED IN FURRED CHASES OR INSTALLED ABOVE SUSPENDED CEILING UNLESS NOTED DIFFERENT.
- ALL FLOOR BRANCHES OFF PIPE RISERS SHALL BE PROVIDED W/ SHUT OFF VALVES AND CAPPED DRAIN CONNECTION.
- INSULATED PIPING SHALL BE INSTALLED SO THAT FULL THICKNESS INSULATION CAN BE APPLIED TO EACH PIPE.
- ALL PIPING INSTALLED ON THE ROOF MUST BE SUPPORTED, WITH PIPE SUPPORTS EVERY 10'-00". PIPE SUPPORT TO BE DURA-BLOCK, CONTRACTOR TO PROVIDED SIZED AND ACCESSORIES REQUIRED.

CORBETT COURTYARD BAR

CORBETT CENTER STUDENT UNION
LAS CRUCES, NM. 88003

Description	Date	Mark	Issue
	5/10/2018		



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06/21/2018

PROJECT NO.
206-98

SHEET TITLE
PLUMBING GENERAL
NOTES

SHEET NO.



P100

06-14-18

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KEYED NOTES

- ① POINT OF CONNECTION - PLUMBING CONTRACTOR TO CONNECT NEW 3/4" WATER LINE TO EXISTING 2 1/2" WATER MAIN LINE. FIELD VERIFY EXACT INVERT AND LOCATION OF EXISTING SERVICE WATER MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.

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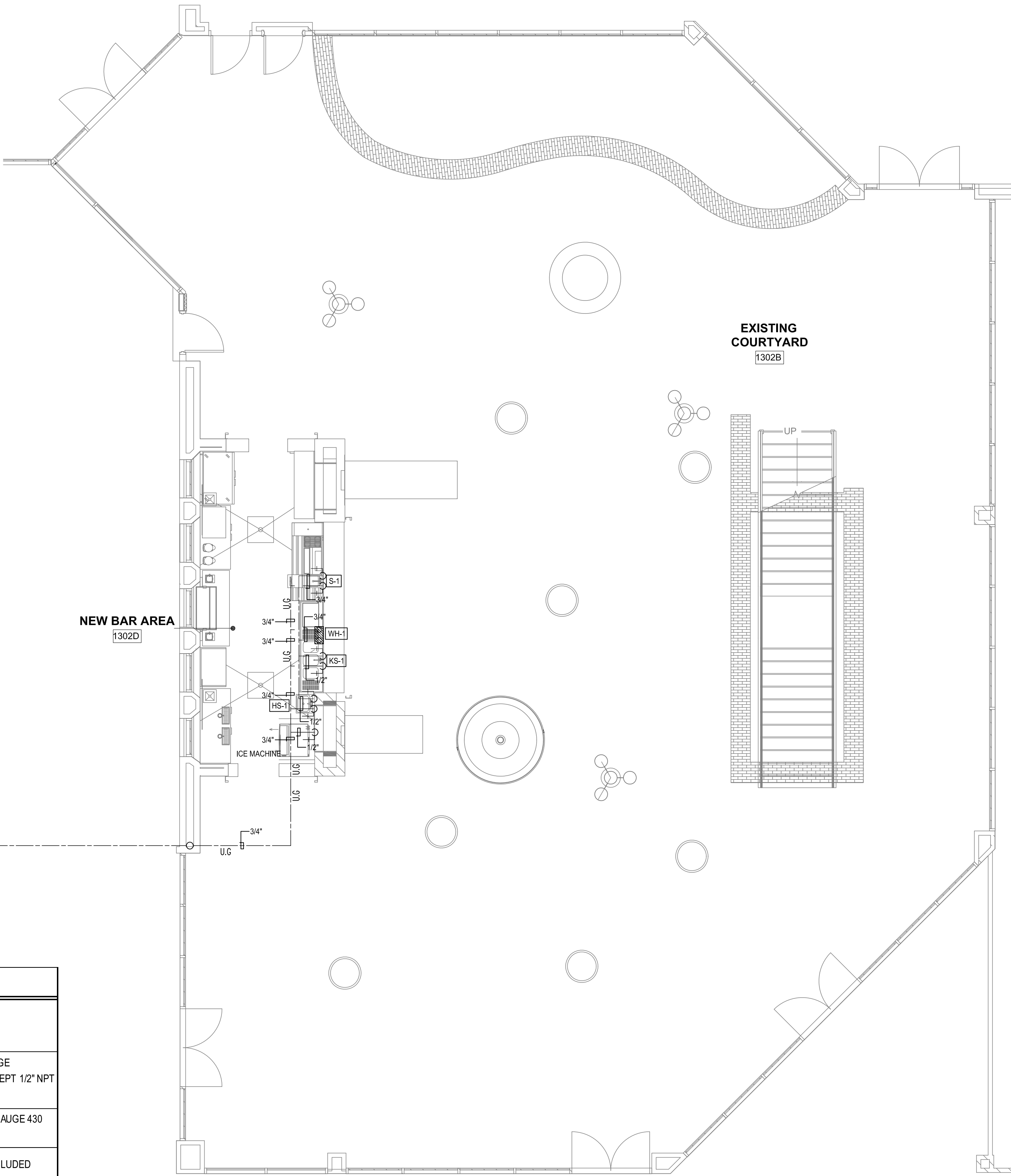
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P2
P200 DOMESTIC WATER PLUMBING PLAN RISER
NOT TO SCALE

PLUMBING FIXTURE SCHEDULE							
MARK	DESCRIPTION	MANUFACTURER AND MODEL NUMBER OR APPROVED EQUAL	ROUGH-IN REQUIREMENTS				ACCESSORIES
			DRAIN	VENT	COLD	HOT	
S-1	COMBINATION COCKTAIL STATIONS	EAGLE GROUP CCS-72	2"	1 1/4"	1/2"	1/2"	72"x29" PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. 20 GAUGE STAINLESS STEEL T&S FAUCETS ARE MOUNTED ON 4" CENTERS AND ACCEPT 1/2" NPT SINK LEADS
KS-1	BAR SINK & ICE BIN COMBO	ADVANCE TABCO CRC-84C-L	2"	2 1/4"	1/2"	1/2"	84"x24"x33" PROVIDED BY OWNER AND INSTALLED BY CONTRACTOR. 20 GAUGE 430 STAINLESS STEEL FAUCET INCLUDED.
HS-1	HAND SINK	REGENCY 600HS17	2"	1 1/4"	1/2"	1/2"	17"x15"x13" 20 GAUGE STAINLESS STEEL, FAUCET CENTER 4", FAUCET INCLUDED
FD-1	FLOOR DRAIN	ZURN Z-415	3"	2"	-	1/2"	ZURN #415 TYPE 'B' STRAINER, 5"ø NICKEL BRONZE GRATE, CAST IRON BODY, CONVERTIBLE MEMBRANE CLAMP, ADJUSTABLE COLLAR, AND FLOOR DRAIN TRAP SEAL.
FS-1	FLOOR SINK	ZURN FD2375	3"	2"	-	1/2"	ZURN #FD2375 A.R.E. FLOOR SINK, 12x12x6 ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, CAST IRON BODY, SQUARE SLOTTED LIGHT DUTY GRATE, AND WHITE ABS DOME STRAINER AND AND FLOOR DRAIN TRAP SEAL.
GCO	GRADE CLEANOUT	ZURN Z-1402-HD	2" TO 4"	-	-	-	
WCO	WALL CLEANOUT	ZURN Z-1446	LINE SIZED	-	-	-	ZURN #1446 ROUND WALL CLEANOUT COVER WITH STAINLESS STEEL SMOOTH WALL ACCESS PLATE AND BRONZE RAISED HEX HEAD PLUG.
MXV-1	MIXING VALVE	WILKINS W1070-XL	-	-	1/2"	1/2"	WILKINS MODEL #W1070-XL AQUA-GARD THERMOSTATIC MIXING VALVE, WITH BRONZE BODY AND INTEGRAL MOUNTING HOLES.
WH-1	BRADFORD WHITE ELECTRIC TANKLESS	BRADFORD WHITE KWICKSHOT EFT-9500-4-S-10	-	-	1/2"	1/2"	9.5KW, 240/1 0.75 GPM RATE AT 86°F. RISE.



P1
P200 DOMESTIC WATER PLUMBING PLAN
3/16" = 1'-0"



Mark	Date	Description
ISSUE	5/10/2018	PLANNING/PROGRAMMING/SCHEMATIC

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PROJECT NO.
206-98

SHEET TITLE
DOMESTIC WATER
PLUMBING PLAN

SHEET NO.
P200

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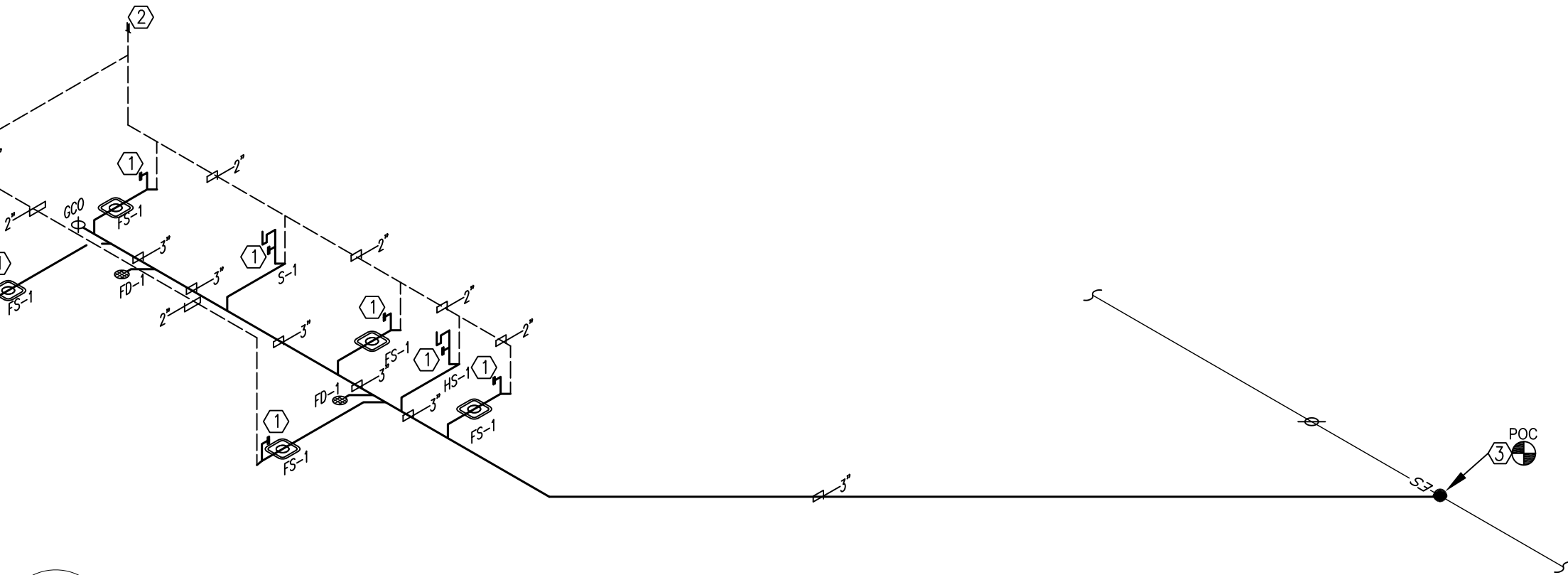
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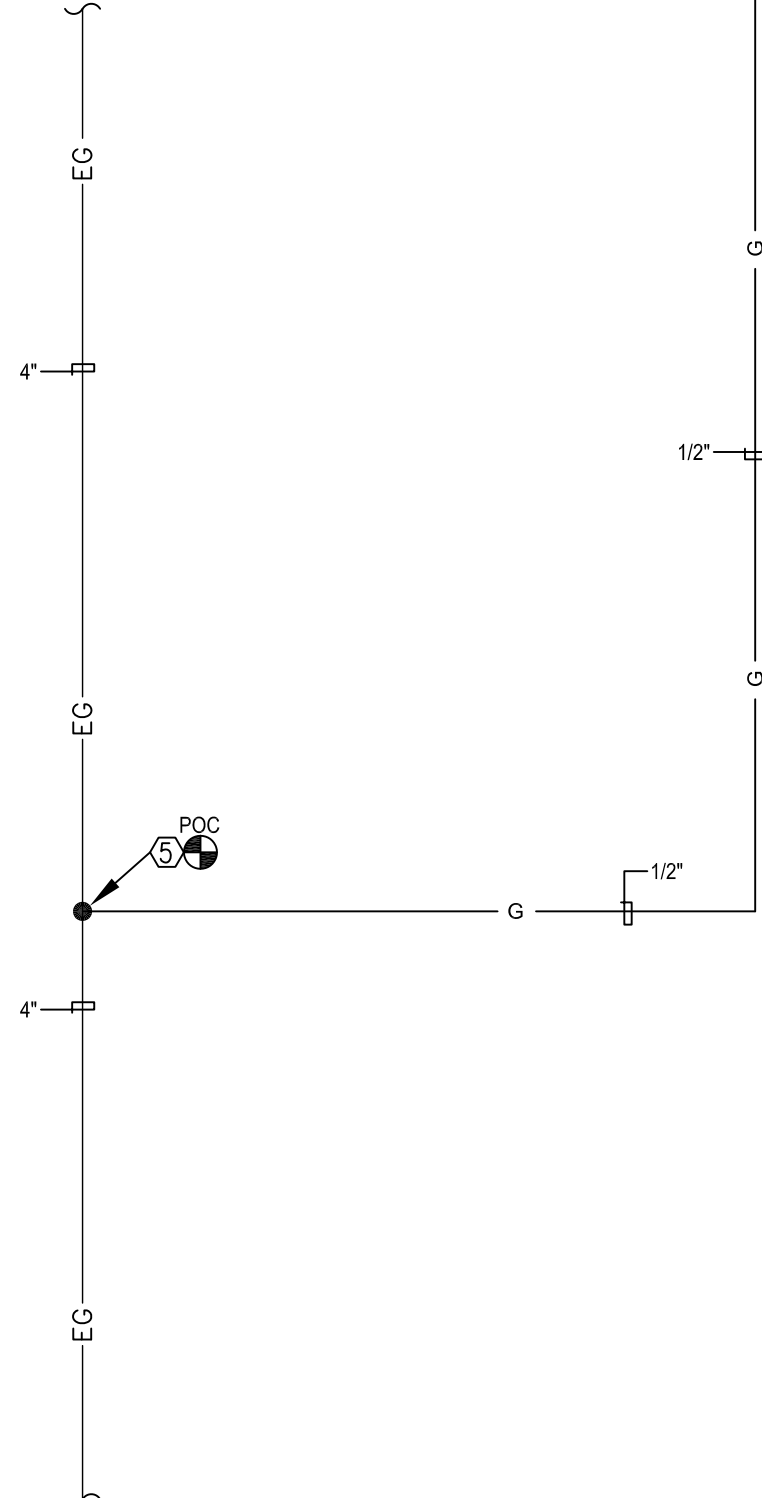
GAS DEMAND CALCULATIONS			
EQUIPMENT	QUANTITY	DEMAND (EACH, BTUH)	TOTAL DEMAND (BTUH)
FIRE PIT	1	200,000	200,000
TOTAL DEMAND			200,000

200,000 BTUH DIVIDED BY 1000 BTUH/CU.FT. = 200.0 CFH. TOTAL DEVELOPED PIPING LENGTH FOR METER BANK EQUALS 40'. BASED ON TABLE 1216.2(1) OF THE 2015 EDITION OF THE UNIFORM PLUMBING CODE, A 1" GAS LINE WILL CARRY 320.0 CFH OVER 40'. REMAINING BRANCH LINES WILL BE SIZED ACCORDING TO THE TOTAL DEVELOPED LENGTH, AND BASED ON TABLE 1216.2(1).

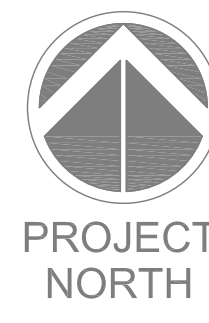
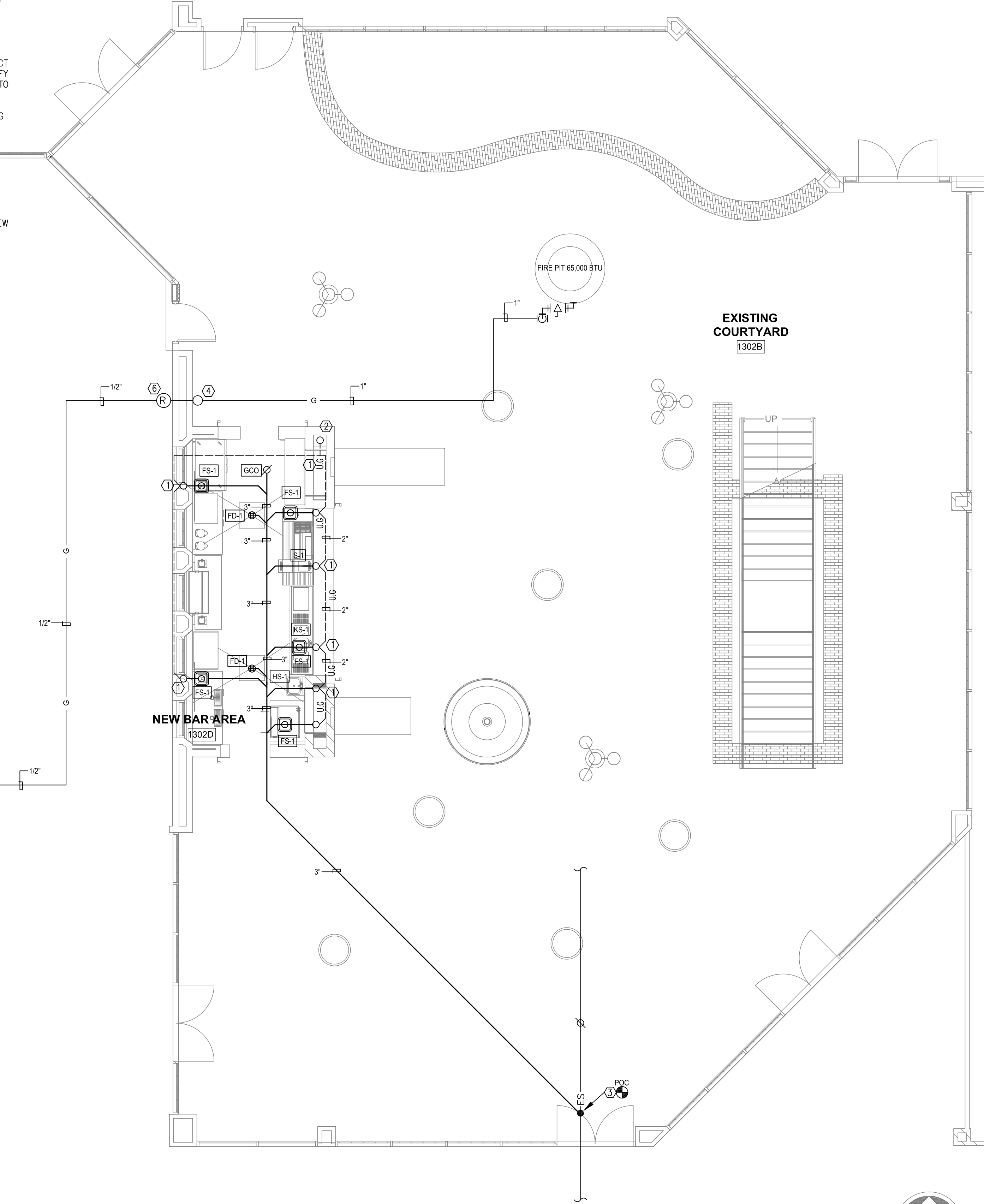
- KEYED NOTES
- 1 PROVIDE FULL SIZE WALL CLEANOUT.
 - 2 2"Ø UP VENT UP THRU ROOF.
 - 3 POINT OF CONNECTION - PLUMBING CONTRACTOR TO CONNECT NEW WASTE LINE TO EXISTING SEWER MAIN LINE. FIELD VERIFY EXACT LOCATION OF EXISTING SEWER MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.
 - 4 PROVIDE MECHANICAL SOLENOID VALVE AND S.S. VALVE HOUSING ON GAS LINE. INTERLOCK WITH EMERGENCY SHUT OFF. FIRE PROTECTION CONTRACTOR SHALL SUBMIT EMERGENCY SHUT OFF SYSTEM INSTALLATION.
 - 5 POINT OF CONNECTION - PLUMBING CONTRACTOR TO CONNECT NEW 1 1/4" LOW PRESSURE GAS LINE TO EXISTING GAS LINE. FIELD VERIFY EXACT LOCATION OF EXISTING GAS MAIN LINE PRIOR TO COMMENCING ROUGH IN WORK.
 - 6 NEW REGULATOR ASSEMBLY CAPABLE OF 200 CFH MINIMUM. NEW REGULATOR ASSEMBLY AND YARD LINE.



P2 P201 SEWER AND VENT PLUMBING PLAN
3/16" = 1'-0"



P1 P201 SEWER AND VENT PLUMBING PLAN
3/16" = 1'-0"



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CORBETT CENTER STUDENT UNION
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PROJECT NO.
206-98

SHEET TITLE
SEWER AND VENT PLUMBING PLAN

SHEET NO.
P201

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