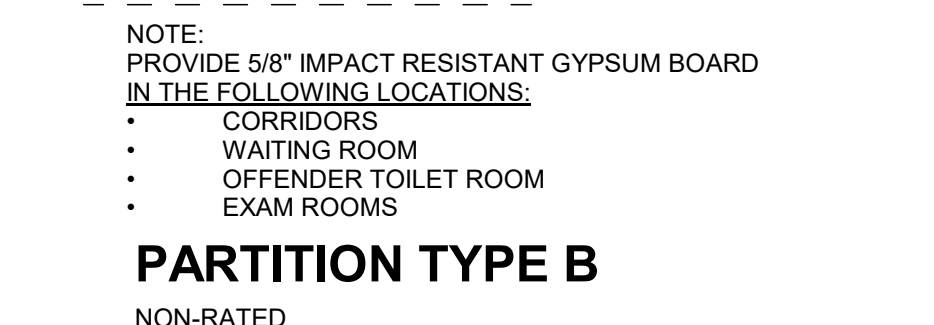
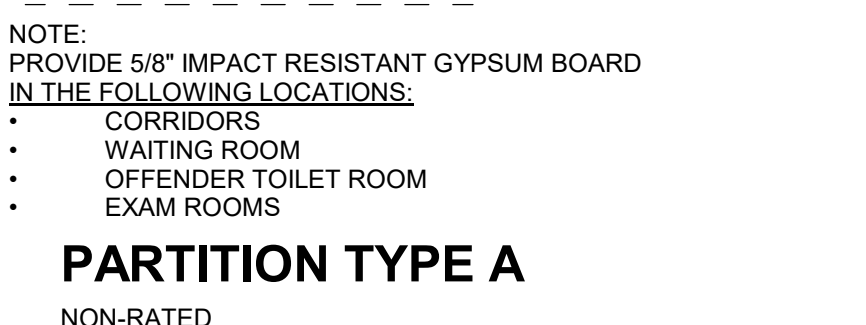
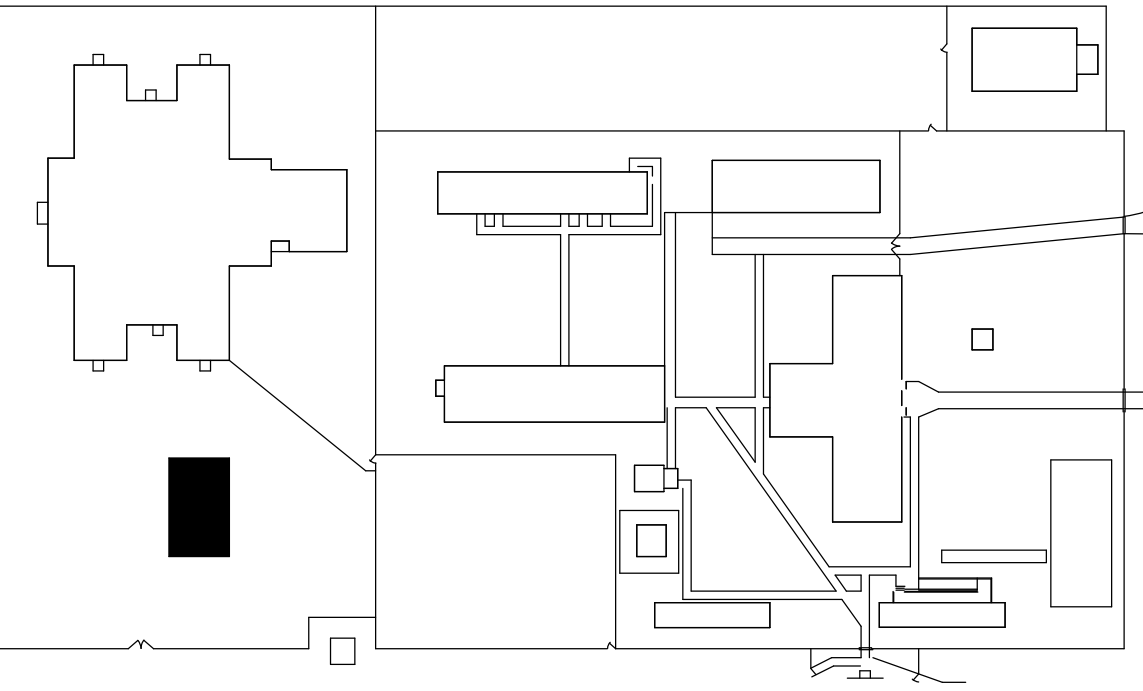




- ## GENERAL NOTES
1. PROJECT WILL PROGRESS AS A DELIGATED DESIGN. SEE MODULAR CONSTRUCTION NOTES & MODULAR BUILDING SHOP DRAWING APPROVAL PROCESS NOTES ON G-001.
 2. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON ARCHITECTURAL PLANS WITH ELECTRICAL, MECHANICAL, STRUCTURAL & CIVIL.
 3. GR NUMBERS REFER TO GUARDRAIL NUMBERS, SEE GUARDRAIL ELEVATIONS.

REFERENCE KEYNOTES	
Keynote Number	Description
06 15 00.A1	2x Treated Wood Decking
06 44 39	Treated Wood Post
07 71 23.J1	Downspout
32 31 13.A1	Chain Link Fence
32 31 13.A3	Chain Link Post

SHEET KEYNOTES - A-101	
Number	Description
A7	WALL MOUNTED HVAC UNIT
A8	RECESSED HOSE BID - SEE ELEVATIONS. REFER TO SPECIFICATION SECTION 13500.
A9	PREFINISHED METAL DOWNSPOUT
A57	FURNITURE NOT IN CONTRACT, PROVIDED BY OWNER



KEY PLAN

10/17/2025 IFC SUBMISSION

NO.	DATE	REVISION
-----	------	----------

DRAWN BY:	LSB
DESIGNED BY:	Delegated Design
CHECKED BY:	L. Scott Booth
CADD DWG NO:	A-101
JOB ORDER NO:	4540
PLOT DATE:	10/17/2025

**GASTON
CORRECTIONAL
CENTER**

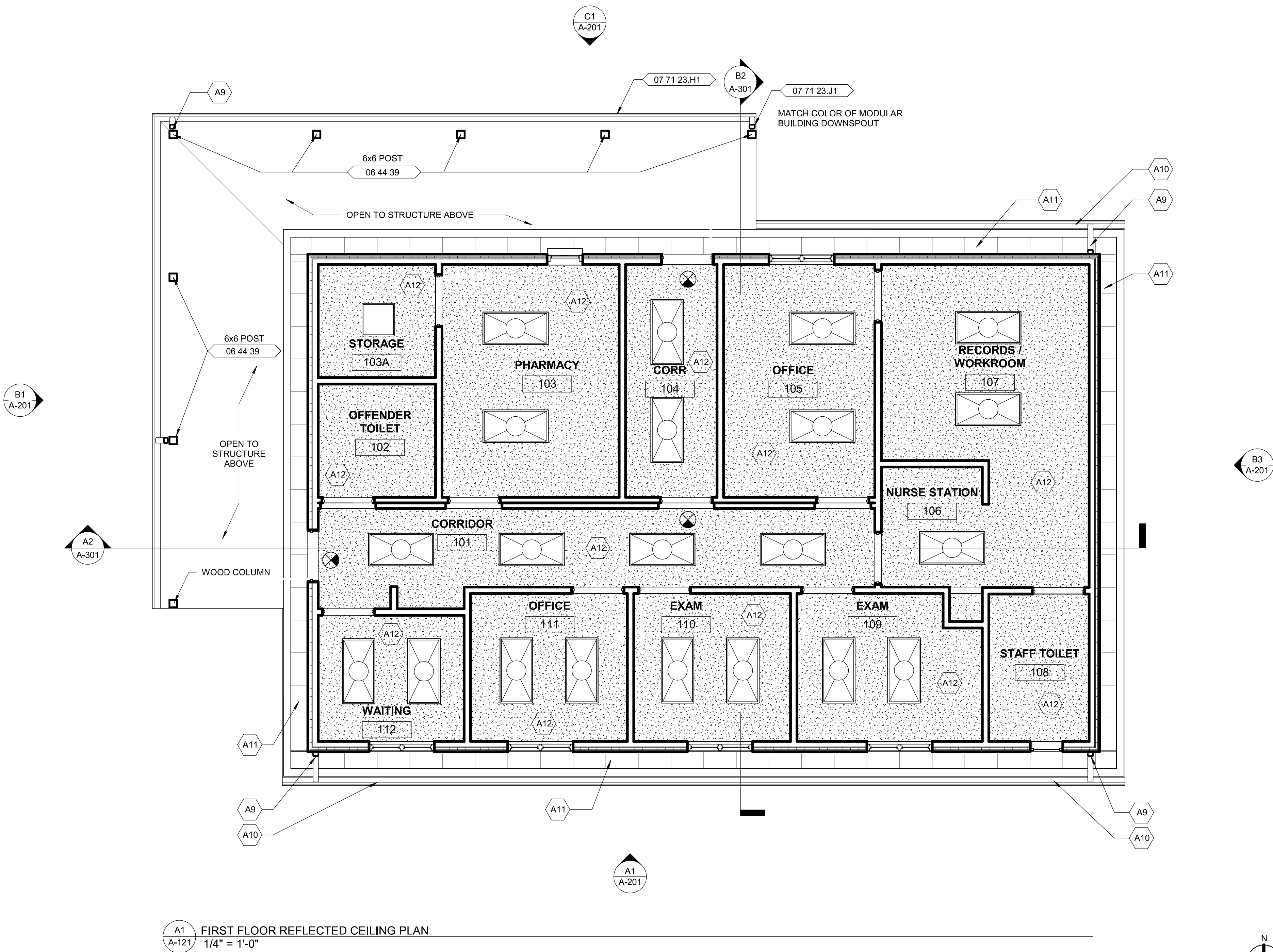
520 JUSTICE COURT, DALLAS, NC
28034

**GASTON C.C. MODULAR
MEDICAL OFFICE**

SCO ID # 24-27820-01A

**FIRST FLOOR DIMENSION
PLAN**

D
C
B
A



A1 A-121 FIRST FLOOR REFLECTED CEILING PLAN
1/4" = 1'-0"

CEILING PLAN LEGEND

- 2X4 RECESSED FIXTURE
- 2X2 RECESSED FIXTURE
- 8' PENDANT FIXTURE
- 4' PENDANT FIXTURE
- 8" RECESSED DOWNLIGHT
- 18X18 RECESSED DOWNLIGHT
- 6" RECESSED DOWNLIGHT
- 2X2 SUPPLY DIFFUSER
- 2X4 SUPPLY DIFFUSER
- 2X2 RETURN DIFFUSER
- 2X4 RETURN DIFFUSER
- 8' LINEAR DIFFUSER
- SMOKE DETECTOR
- HEAT DETECTOR
- SPEAKER
- EXIT LIGHT
- SPRINKLER - RECESSED
- SPRINKLER - EXPOSED
- CEILING HEIGHT

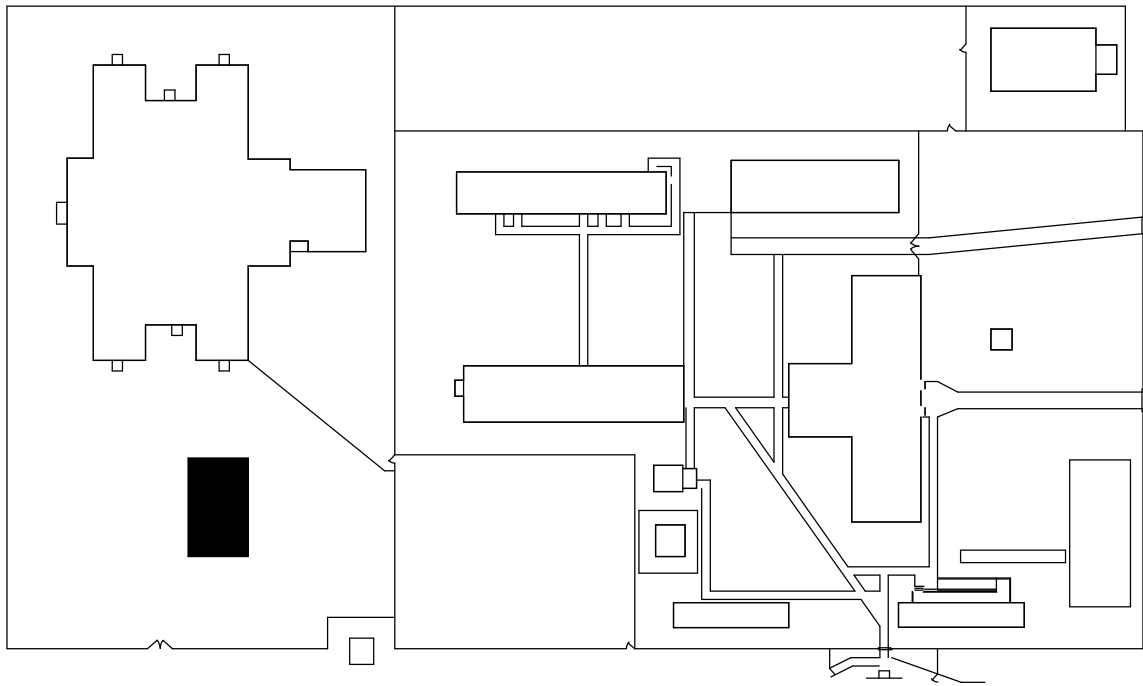
10'-0"

GENERAL NOTES

- PROJECT WILL PROGRESS AS A DELIGATED DESIGN, SEE MODULAR CONSTRUCTION NOTES & MODULAR BUILDING SHOP DRAWING APPROVAL PROCESS NOTES ON G-001.
- CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON ARCHITECTURAL PLANS WITH ELECTRICAL, MECHANICAL, STRUCTURAL & CIVIL.

REFERENCE KEYNOTES	
Keynote Number	Description
06 44 39	Treated Wood Post
07 71 23.H1	Gutter
07 71 23.J1	Downspout

SHEET KEYNOTES - A-121	
Number	Description
A9	PREFINISHED METAL DOWNSPOUT
A10	PREFINISHED METAL GUTTER
A11	PERFORATED SOFFIT PANEL, CONT.
A12	5/8" GYPSUM BOARD CEILING, TYP.

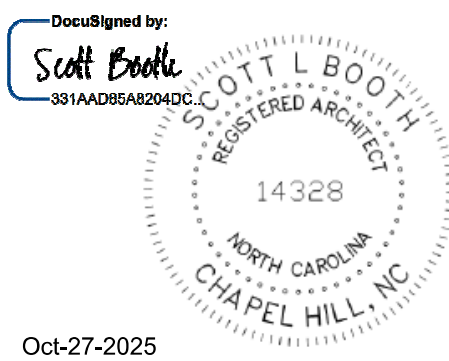


KEY PLAN



NORTH CAROLINA
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CORRECTION

2020 YONKERS ROAD
4216 MSC
RALEIGH, NC 27699-4216
TEL (919) 716-3400
FAX (919) 716-3978



Oct-27-2025

10/17/2025 IFC SUBMISSION

NO. DATE REVISION

DRAWN BY: LSB
DESIGNED BY: Delegated Design
CHECKED BY: L. Scott Booth
CADD DWG NO: A-121
JOB ORDER NO: 4540
PLOT DATE: 10/17/2025

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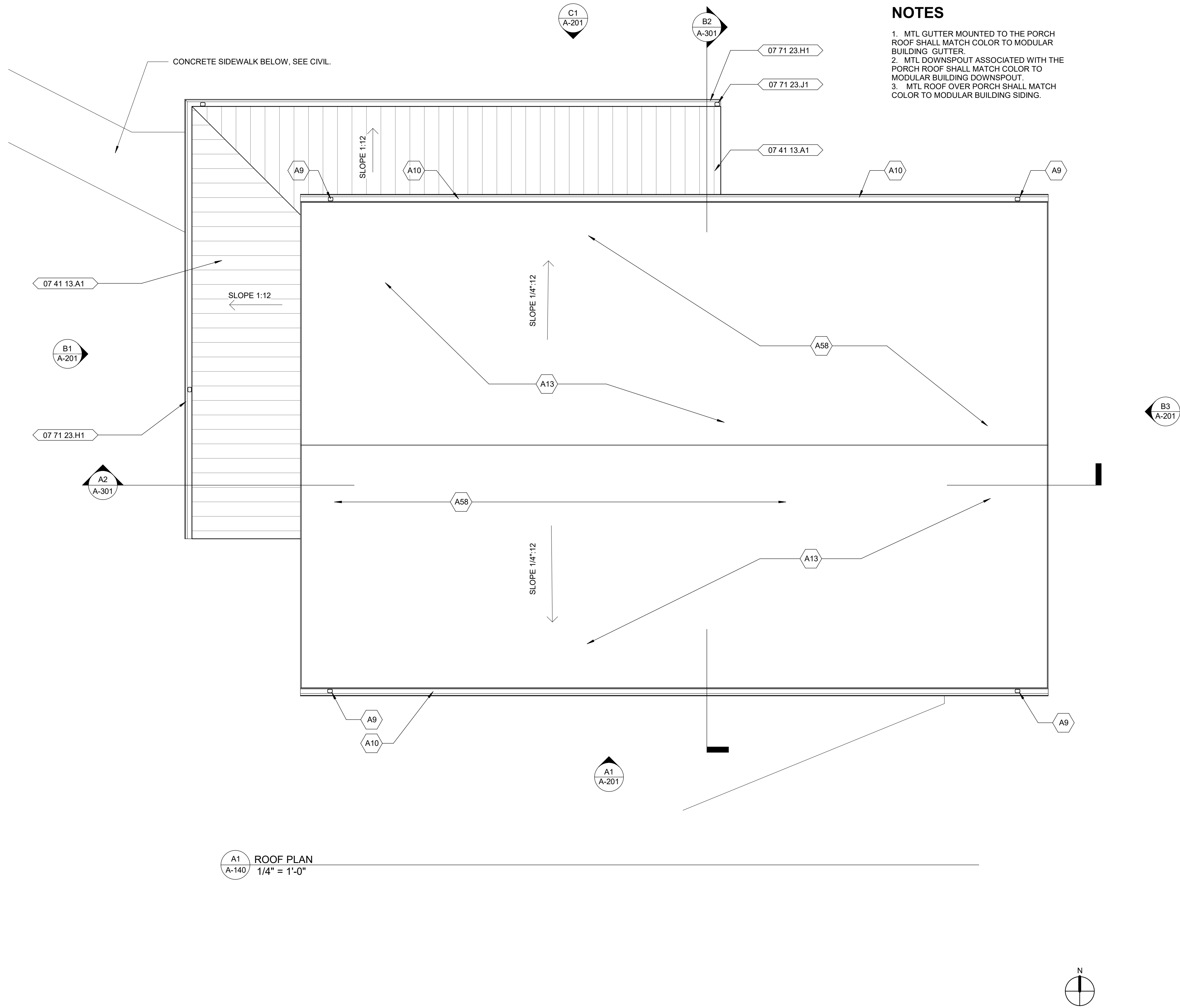
520 JUSTICE COURT, DALLAS, NC
28034

GASTON C.C. MODULAR
MEDICAL OFFICE

SCO ID # 24-27820-01A

FIRST FLOOR REFLECTED
CEILING PLAN

A-121



NOTES

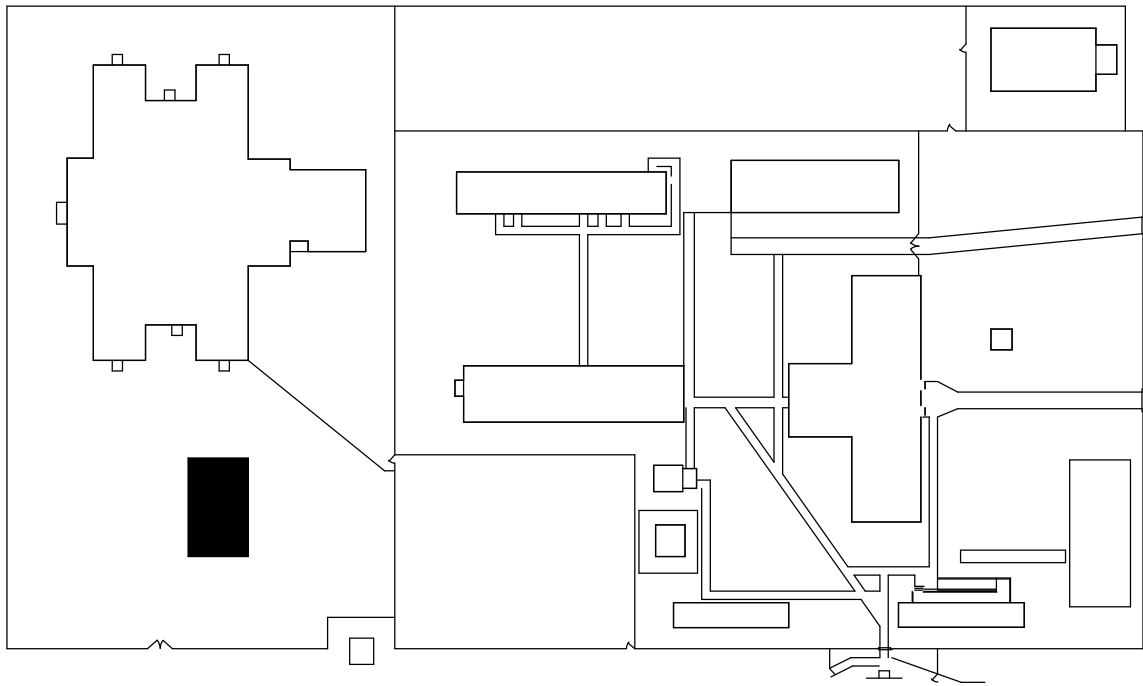
1. MTL GUTTER MOUNTED TO THE PORCH ROOF SHALL MATCH COLOR TO MODULAR BUILDING GUTTER.
2. MTL DOWNSPOUT ASSOCIATED WITH THE PORCH ROOF SHALL MATCH COLOR TO MODULAR BUILDING DOWNSPOUT.
3. MTL ROOF OVER PORCH SHALL MATCH COLOR TO MODULAR BUILDING SIDING.

GENERAL NOTES

1. PROJECT WILL PROGRESS AS A DELIGATED DESIGN, SEE MODULAR CONSTRUCTION NOTES & MODULAR BUILDING SHOP DRAWING APPROVAL PROCESS NOTES ON G-001.
2. CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON ARCHITECTURAL PLANS WITH ELECTRICAL, MECHANICAL, STRUCTURAL & CIVIL.

REFERENCE KEYNOTES	
Keynote Number	Description
07 41 13.A1	Standing Seam Mtl Roof
07 71 23.H1	Gutter
07 71 23.J1	Downspout

SHEET KEYNOTES - A-140	
Number	Description
A9	PREFINISHED METAL DOWNSPOUT
A10	PREFINISHED METAL GUTTER
A13	MODIFIED BITUMEN MEMBRANE ROOFING
A58	ALL VENTS THROUGH ROOF INSTALLED BY MODUL MANUFACTURER

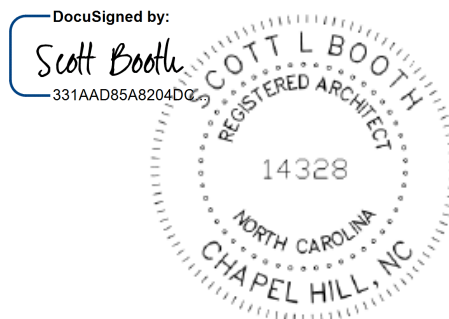


KEY PLAN



NORTH CAROLINA DEPARTMENT OF ADULT CORRECTION

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4216 MSC
RALEIGH, NC 27699-4216
TEL (919) 716-3400
FAX (919) 716-3978



Nov-21-2025

10/17/2025 IFC SUBMISSION

NO. DATE REVISION

DRAWN BY: LSB
DESIGNED BY: Delegated Design
CHECKED BY: L. Scott Booth
CADD DWG NO: A-140
JOB ORDER NO: 4540
PLOT DATE: 10/17/2025

GASTON CORRECTIONAL CENTER

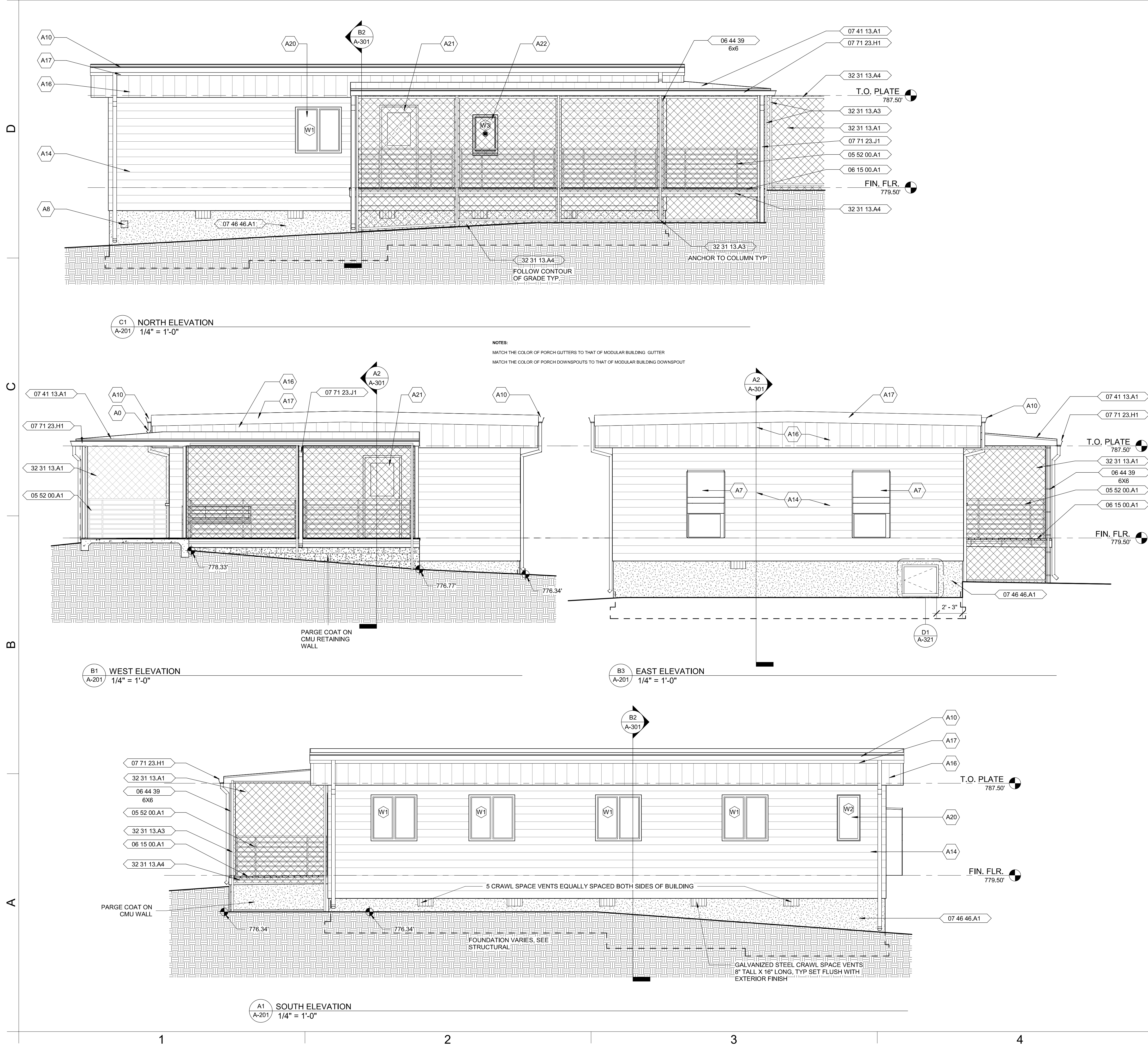
520 JUSTICE COURT, DALLAS, NC 28034

GASTON C.C. MODULAR MEDICAL OFFICE

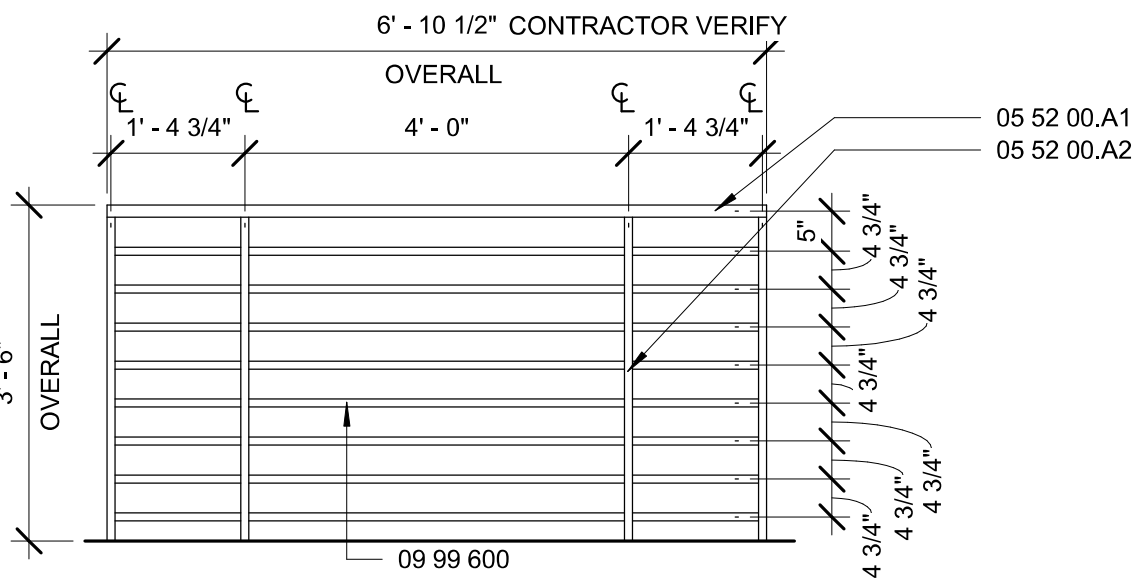
SCO ID # 24-27820-01A

ROOF PLAN

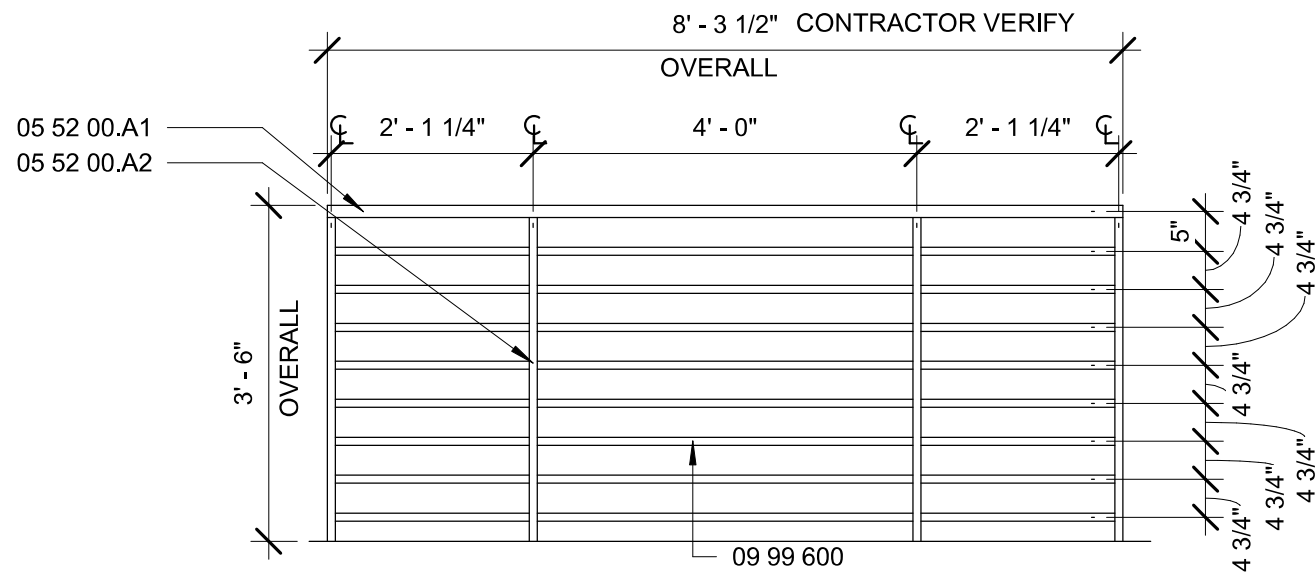
A-140



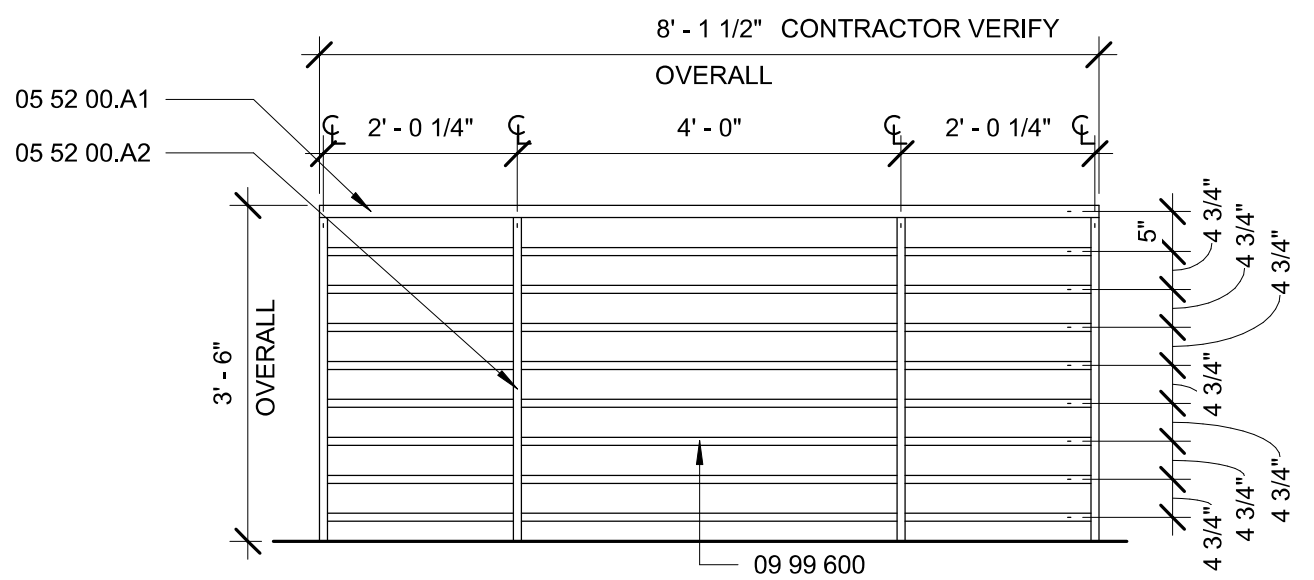
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D1 GR1
A-301 1/2" = 1'-0"

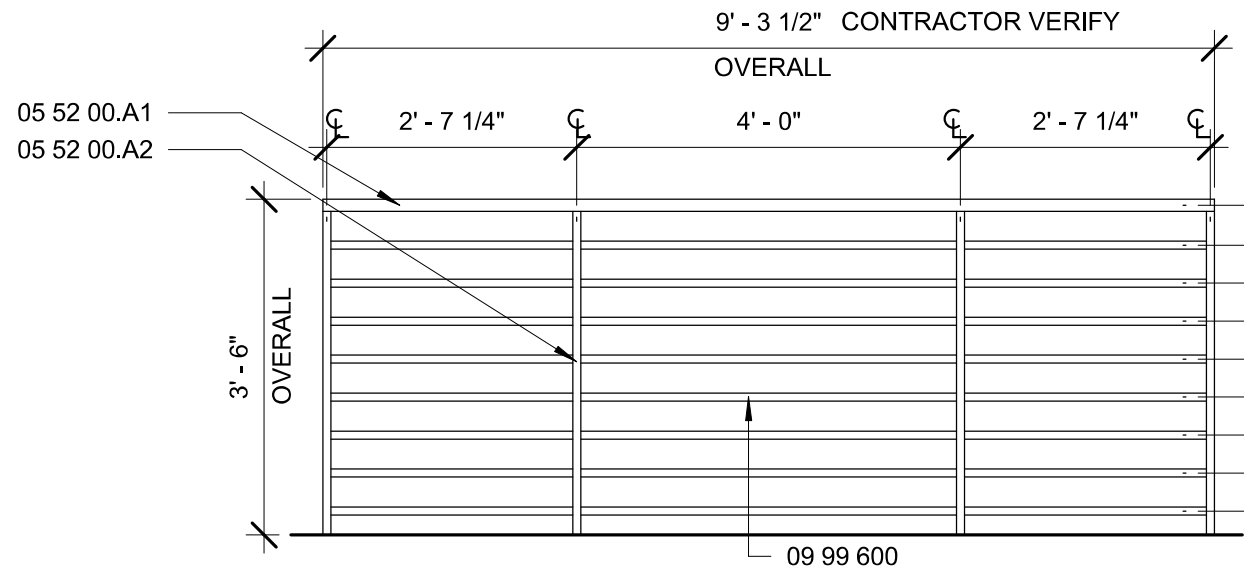


D2 GR2
A-301 1/2" = 1'-0"

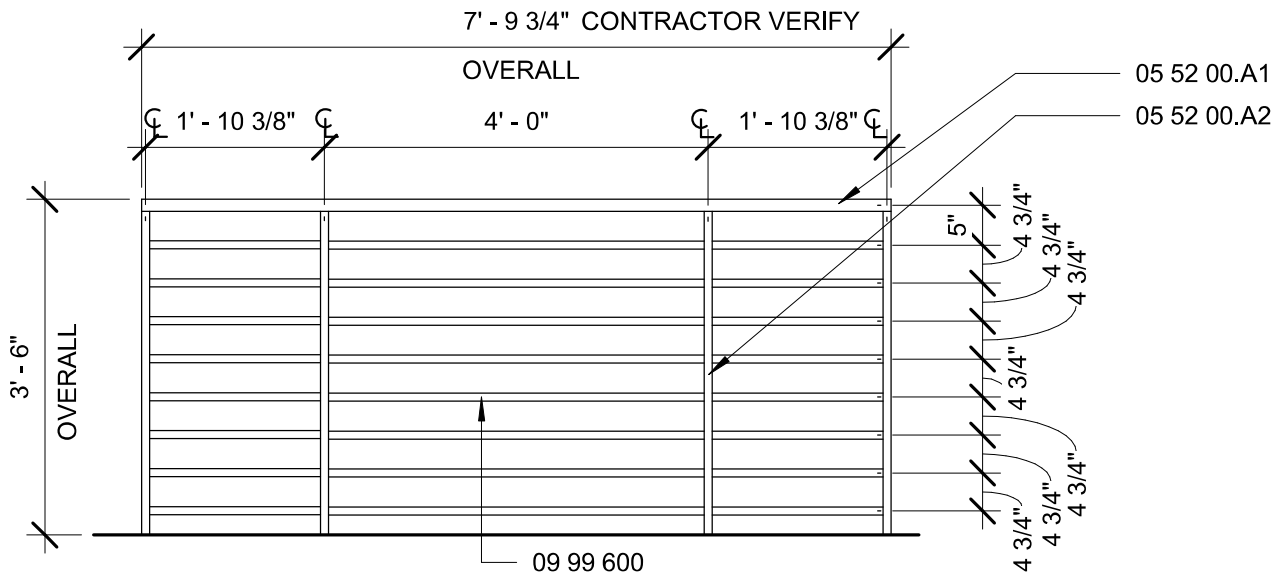


D3 GR3
A-301 1/2" = 1'-0"

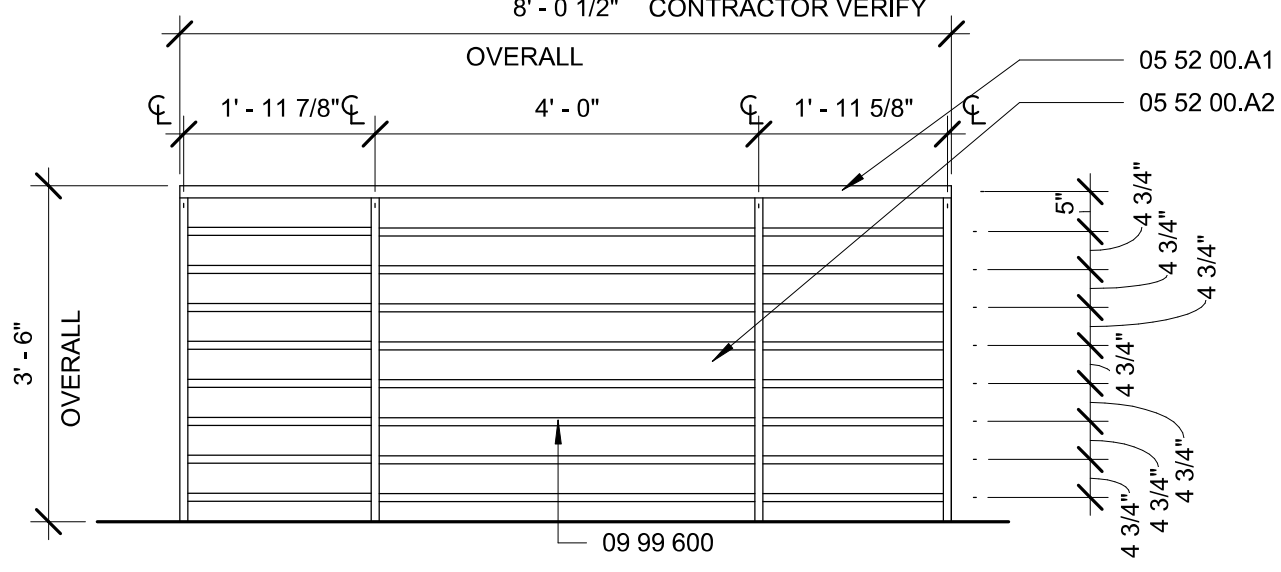
NOTES:
ALL PIPE AND TUBE RAILS TO BE
PAINTED SEE PROJECT MANUAL
SECTION 09 91 00 A1



C1 GR4
A-301 1/2" = 1'-0"

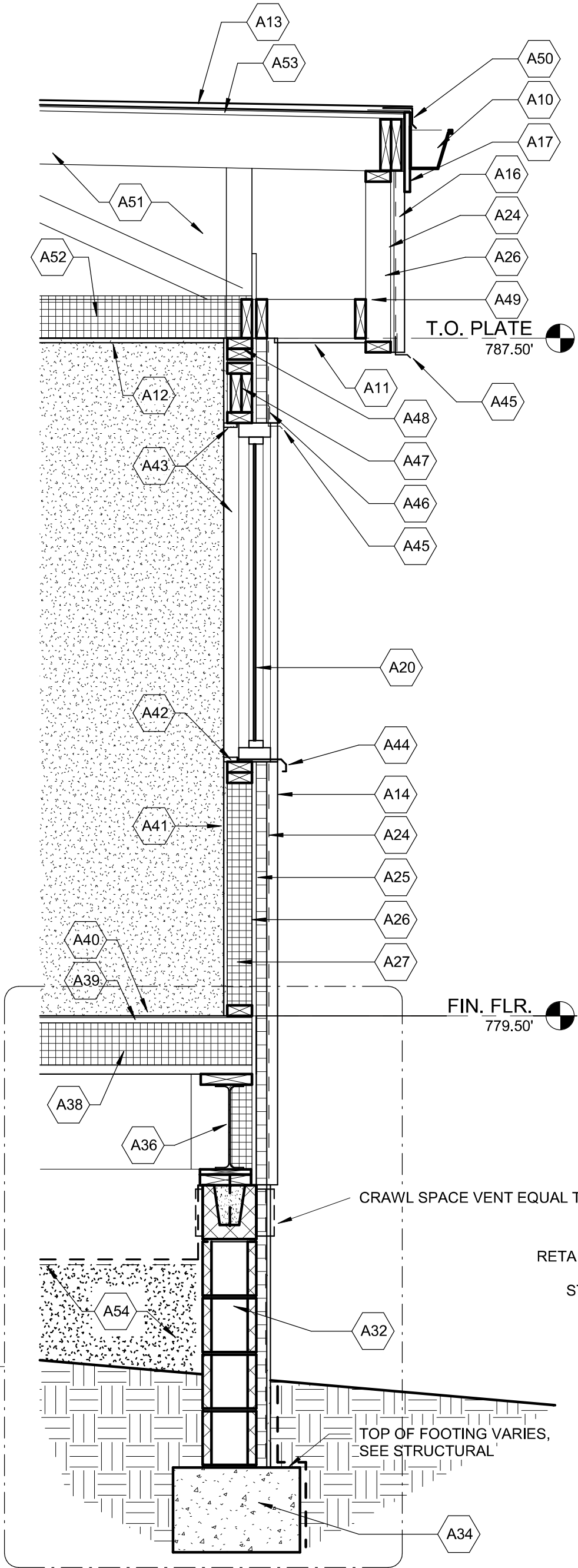


C2 GR5
A-301 1/2" = 1'-0"

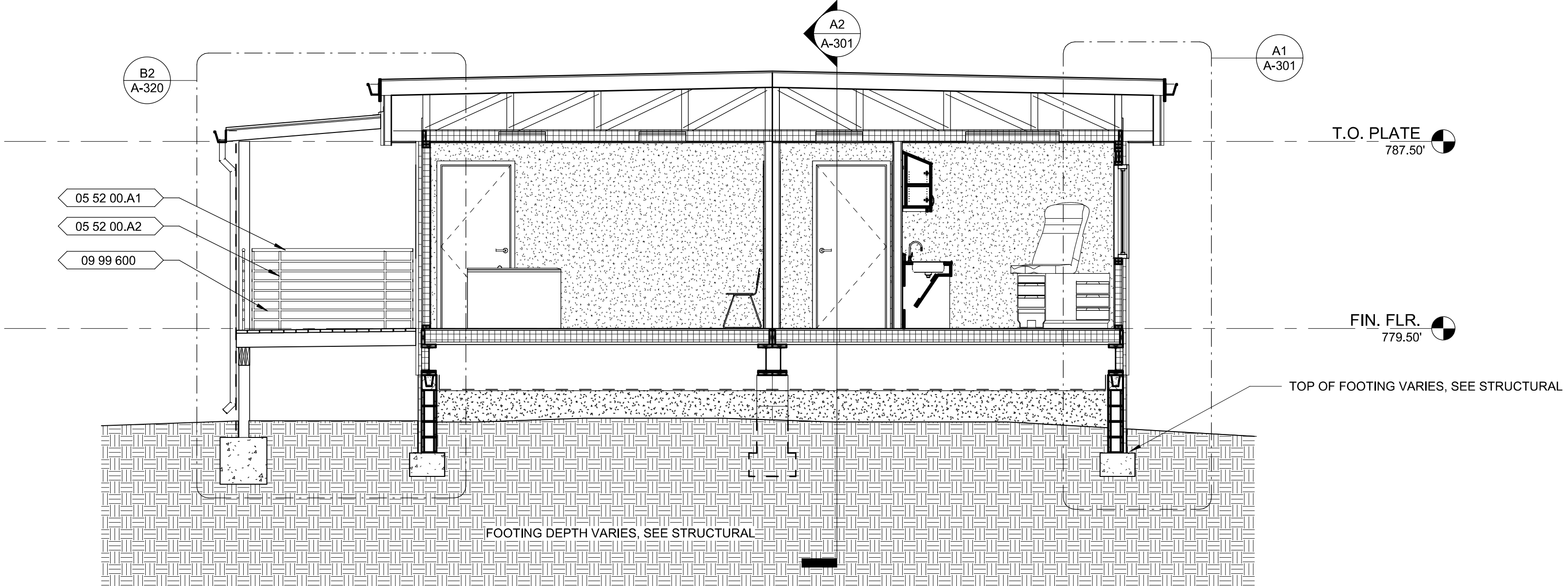


C3 GR6
A-301 1/2" = 1'-0"

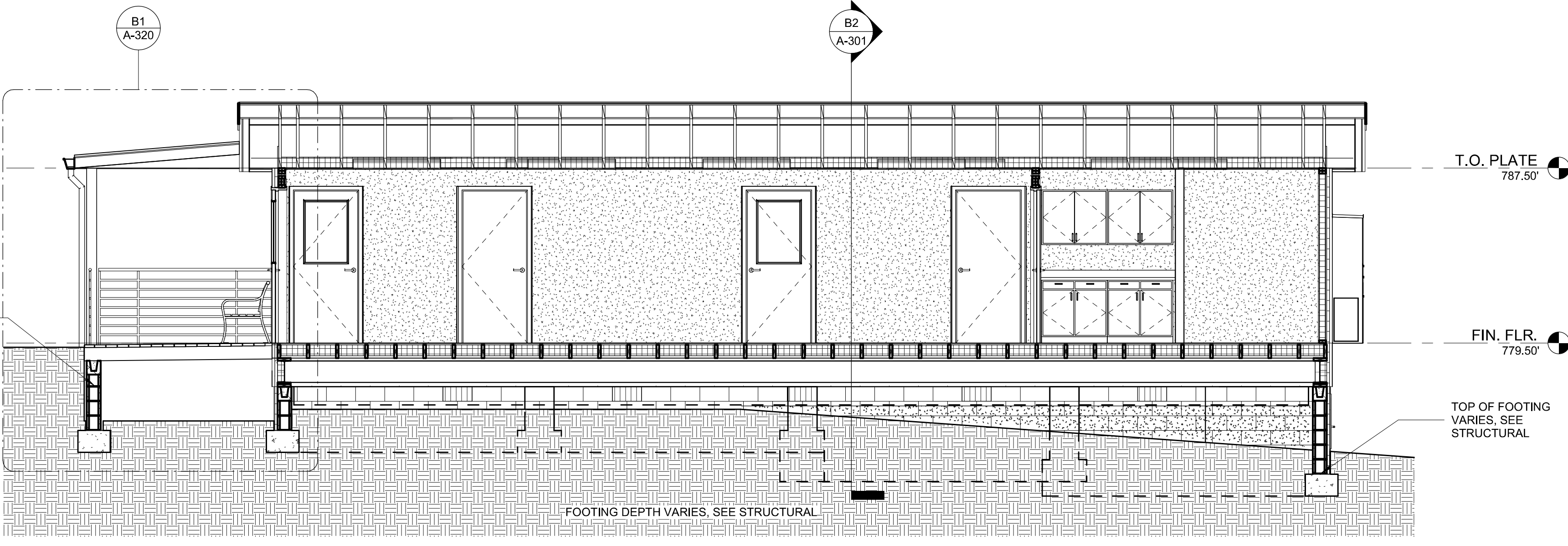
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A1 TYPICAL WALL SECTION
A-301 3/4" = 1'-0"



B2 BUILDING SECTION A-A
A-301 1/4" = 1'-0"



A2 BUILDING SECTION B-B
A-301 1/4" = 1'-0"

A

GENERAL NOTES

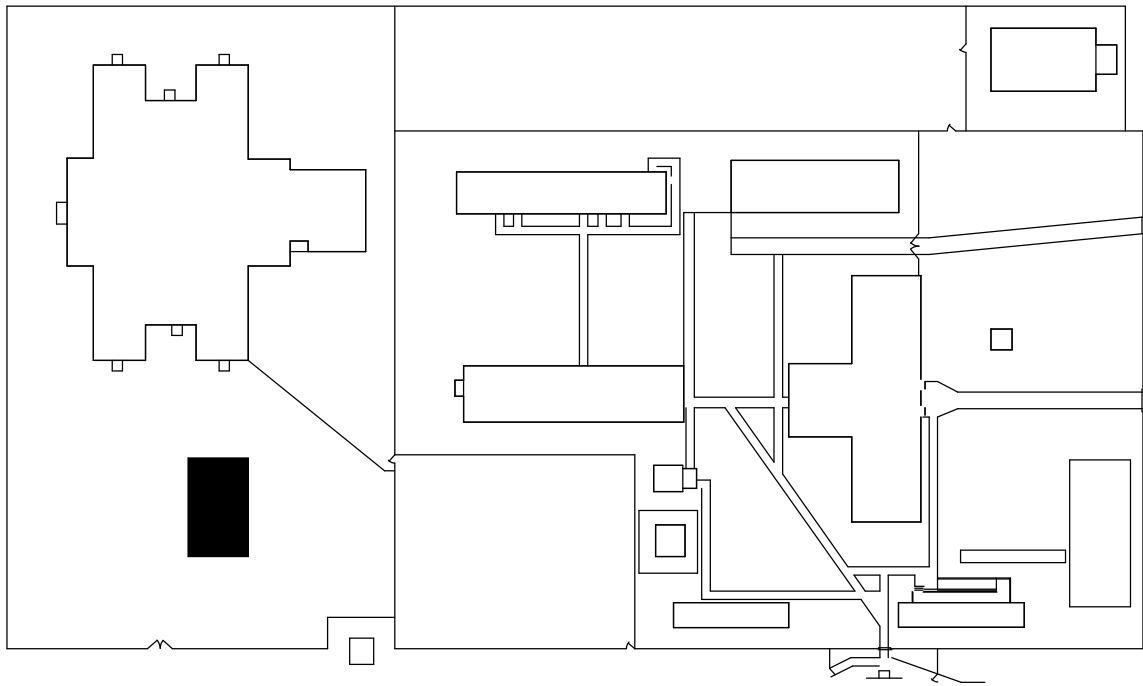
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- CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON ARCHITECTURAL PLANS WITH ELECTRICAL, MECHANICAL, STRUCTURAL & CIVIL.

SHEET KEYNOTES - A-301	
Number	Description

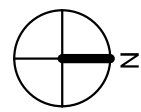
A10	PREFINISHED METAL GUTTER
A11	PERFORATED SOFFIT PANEL, CONT.
A12	5/8" GYPSUM BOARD CEILING, TYP.
A13	MODIFIED BITUMEN MEMBRANE ROOFING
A14	PREFINISHED METAL SIDING
A16	PREFINISHED METAL FASCIA SIDING
A17	PREFINISHED METAL FASCIA TRIM
A20	HM STEEL WINDOW AS SCHEDULED
A24	AIR BARRIER
A25	R7.6 RIGID INSULATION
A26	PLYWOOD SHEATHING
A27	2X4 FRAMING @ 16" O.C. WITH R-13 FOAM IN PLACE INSULATION
A32	CMU FOUNDATION STEMWALL - SEE STRUCTURAL
A34	CONCRETE FOOTING - SEE STRUCTURAL
A36	STEEL FRAMING MODULAR BUILDING CARRIAGE
A38	2X FLOOR JOISTS @ 16" O.C. WITH R-30 FOAM IN PLACE INSULATION
A39	3/4" PLYWOOD SUBFLOOR
A40	FLOOR FINISH AS SCHED.
A41	GYPSUM BOARD FINISH
A42	SOLID SURFACE SILL
A43	GYPSUM BOARD RETURN AT HEAD AND JAMBS
A44	PREFINISHED METAL SILL FLASHING
A45	DRIP EDGE FLASHING
A46	AIR BARRIER WRAPS OVER FLASHING, TYP.
A47	2X FRAMING AT WINDOW HEAD
A48	2X DOUBLE TOP PLATE
A49	2X4 FRAMING @ 16" O.C
A50	PREFINISHED METAL ROOF EDGE FLASHING
A51	2X PREFAB TRUSSES @ 24" O.C.
A52	R-30 FOAM IN PLACE INSULATION
A53	PLYWOOD ROOF DECKING
A54	GRAVEL FILL - SEE STRUCTURAL

REFERENCE KEYNOTES	
Keynote Number	Description

05 52 00.A1	Pipe and Tube Rail
05 52 00.A2	Pipe and Tube Post
09 99 600	High Performance Coatings

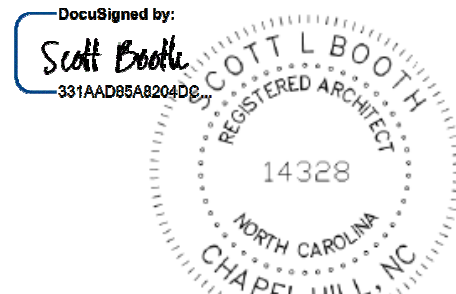


KEY PLAN



NORTH CAROLINA
DEPARTMENT
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CORRECTION

2020 YONKERS ROAD
4216 MSC
RALEIGH, NC 27699-4216
TEL (919) 716-3400
FAX (919) 716-3978



Oct-27-2025

10/17/2025 IFC SUBMISSION

NO.	DATE	REVISION
-----	------	----------

DRAWN BY: LSB / SM
DESIGNED BY: Delegated Design
CHECKED BY: L. Scott Booth
CADD DWG NO: A-301
JOB ORDER NO: 4540
PLOT DATE: 10/17/2025

GASTON
CORRECTIONAL
CENTER

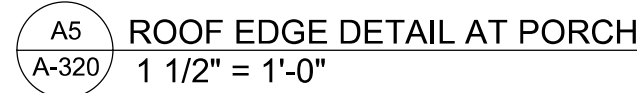
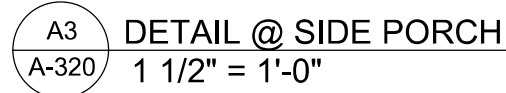
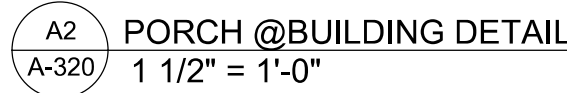
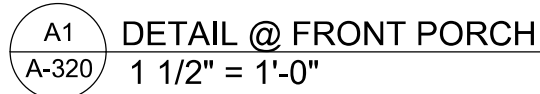
520 JUSTICE COURT, DALLAS, NC
28034

GASTON C.C. MODULAR
MEDICAL OFFICE

SCO ID # 24-27820-01A

BUILDING SECTIONS

A-301



04 22 00.A16	8" x 8" x 16" CMU - 2 Core
04 22 00.C3	Single 8" x 8" Bond Beam
05 52 00.A1	Pipe and Tube Rail
05 52 00.A2	Pipe and Tube Post
06 11 00.F1	Treated 2x6
06 11 00.G2	Treated 2x8
06 11 00.G7	2x8 Joists @ 16" O.C.
06 11 00.H1	2x10
06 15 00.A1	2x Treated Wood Decking
06 15 00.A2	1x Treated Wood Decking Trim
06 16 00.D10	5/8" Exterior Grade Plywood
06 44 39	Treated Wood Post
07 26 00.A2	Building Felt
07 41 13.A1	Standing Seam Mtl Roof
07 46 00	Siding
07 62 00.A0	Metal Flashing
07 71 23.H1	Gutter
07 71 23.J1	Downspout
09 99 600	High Performance Coatings

DocuSigned by:
Scott Booth
331AAD85A8204DC

SCOTT L BOOTH
REGISTERED ARCHITECT
14328
NORTH CAROLINA
CHAPEL HILL, NC

Oct-27-2025

10/17/2025 IFC SUBMISSION

NO.	DATE	REVISION
-----	------	----------

DRAWN BY:	Author
DESIGNED BY:	Delegated Design
CHECKED BY:	L. Scott Booth
CADD DWG NO:	A-320
JOB ORDER NO:	4540
PLOT DATE:	06/12/25

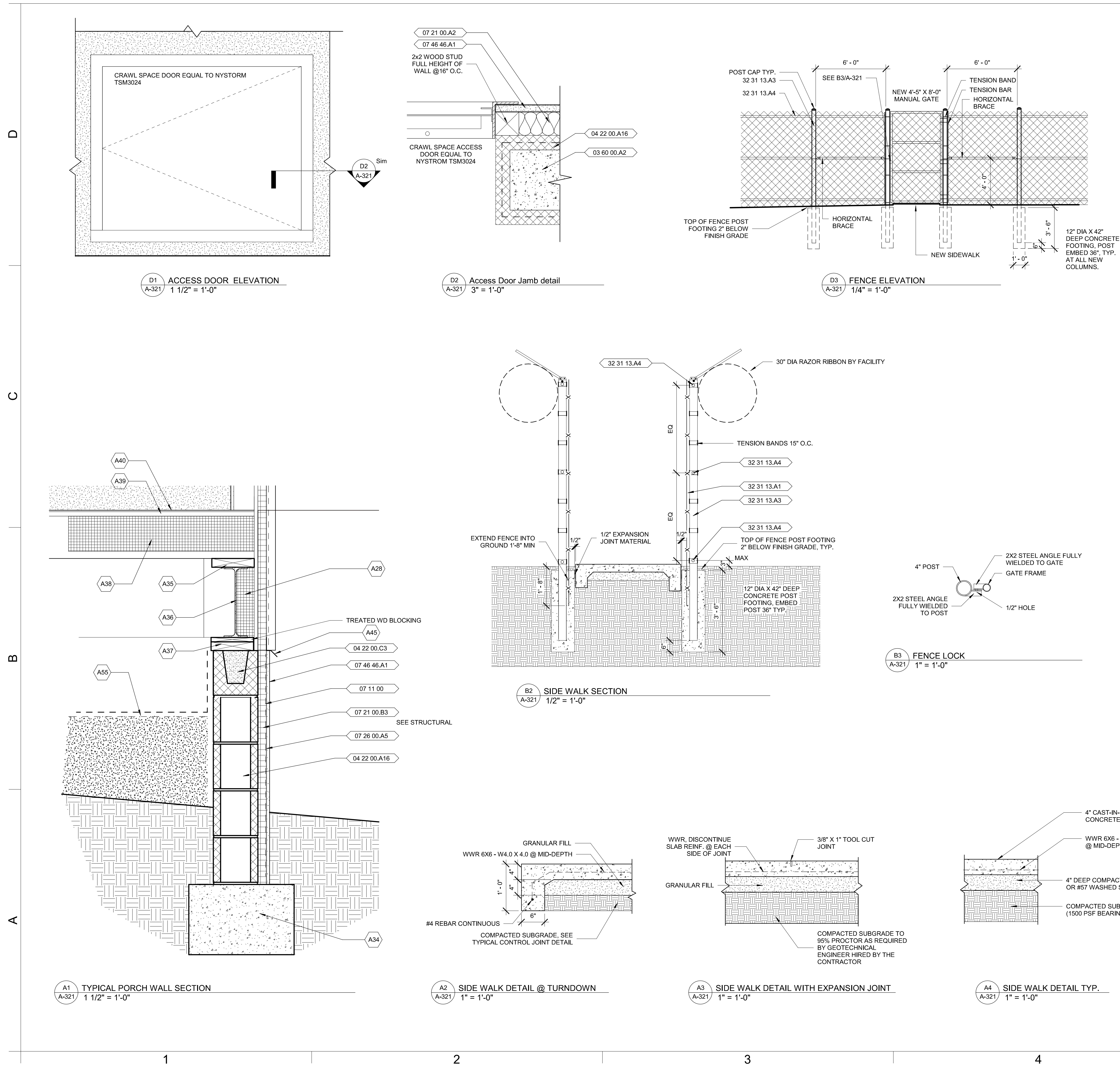
520 JUSTICE COURT, DALLAS, NC
28034

**GASTON C.C. MODULAR
MEDICAL OFFICE**

SCO ID # 24-27820-01A

WALL SECTIONS

A-320

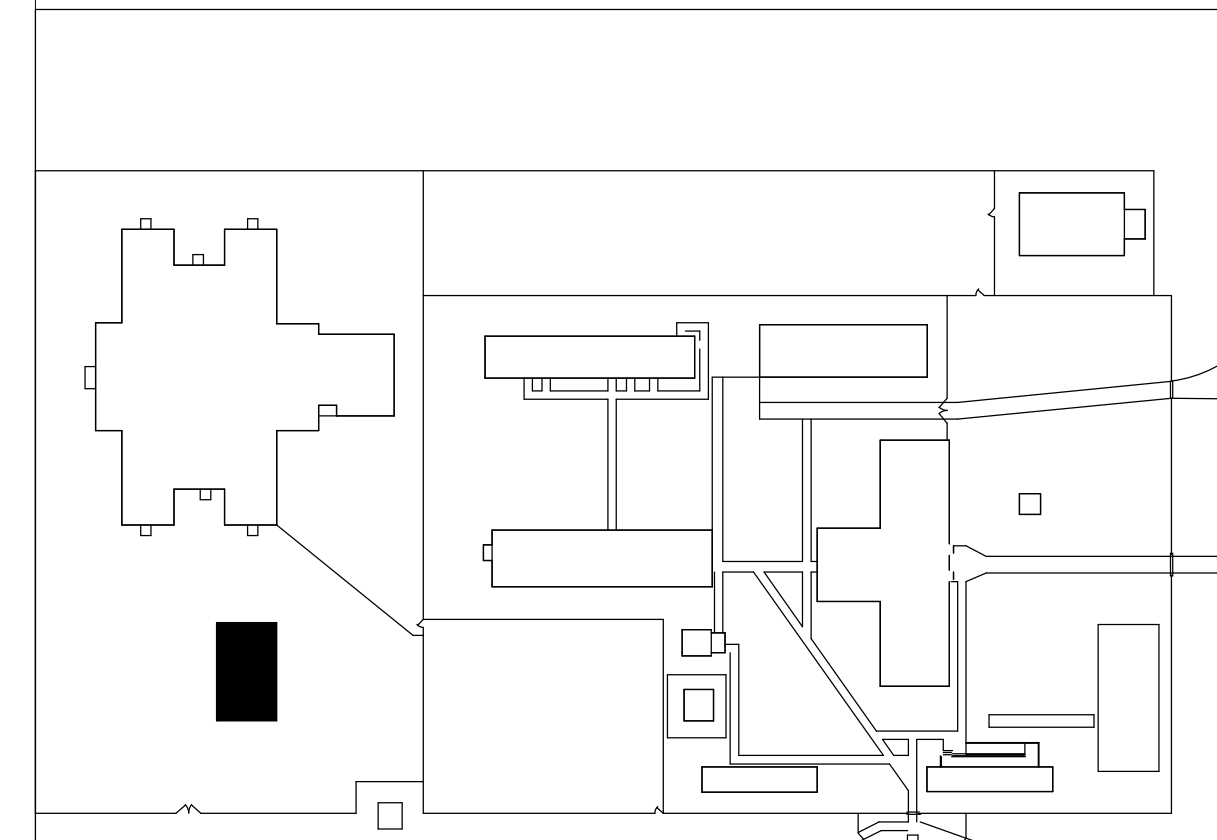


GENERAL NOTES

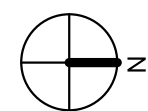
1. PROJECT WILL PROGRESS AS A DELIGATED DESIGN, SEE MODULAR CONSTRUCTION NOTES & MODULAR BUILDING SHOP DRAWING APPROVAL PROCESS NOTES ON G-001.
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Sheet notes A-321	
Number	Description
A28	R-13 FOAM IN PLACE INSULATION
A34	CONCRETE FOOTING - SEE STRUCTURAL
A35	2X TRTD WOOD BLOCKING
A36	STEEL FRAMING MODULAR BUILDING CARRIAGE
A37	2X TRTD SILL PLATE AND BLOCKING, COUNTERSUNK ANCHOR BOLT FASTENERS, TYP. - SEE STRUCTURAL FOR FASTENERS.
A38	2X FLOOR JOISTS @ 16" O.C. WITH R-30 FOAM IN PLACE INSULATION
A39	3/4" PLYWOOD SUBFLOOR
A40	FLOOR FINISH AS SCHED.
A45	PREFINISHED METAL SILL FLASHING
A55	CRAWL SPACE VAPOR BARRIER
A56	SLOPE GRADE AWAY FROM STRUCTURE

REFERENCE KEYNOTES	
Keynote Number	Description
03 60 00.A2	Fill W/ Grout
04 22 00.A16	8" x 8" x 16" CMU - 2 Core
04 22 00.C3	Single 8" x 8" Bond Beam
07 11 00	Dampproofing
07 21 00.A2	R-13 Batt Insulation
07 21 00.B3	1 1/2" Rigid Insulation
07 26 00.A5	Air Barrier
07 46 46.A1	FIBER CEMENT PANEL SIDING
32 31 13.A1	Chain Link Fence
32 31 13.A3	Chain Link Post
32 31 13.A4	Chain Link Horizontal Bar



KEY PLAN

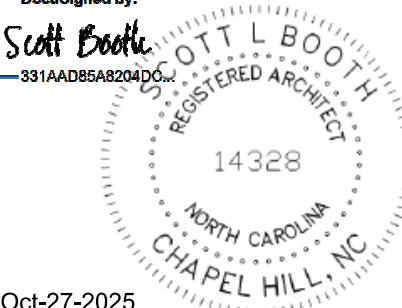


NORTH
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2020 YONKERS ROAD
4216 MSC
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DocuSigned by:



Oct-27-2025

10/17/2025 IFC SUBMISSION

NO.	DATE	REVISION
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DRAWN BY:	SM
DESIGNED BY:	Delegated Design
CHECKED BY:	L. Scott Booth
CADD DWG NO:	A-321
JOB ORDER NO:	4540
PLOT DATE:	10/17/2025

GASTON
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520 JUSTICE COURT, DALLAS, NC
28034

**GASTON C.C. MODULAR
MEDICAL OFFICE**

SCO ID # 24-27820-01A

WALL SECTIONS

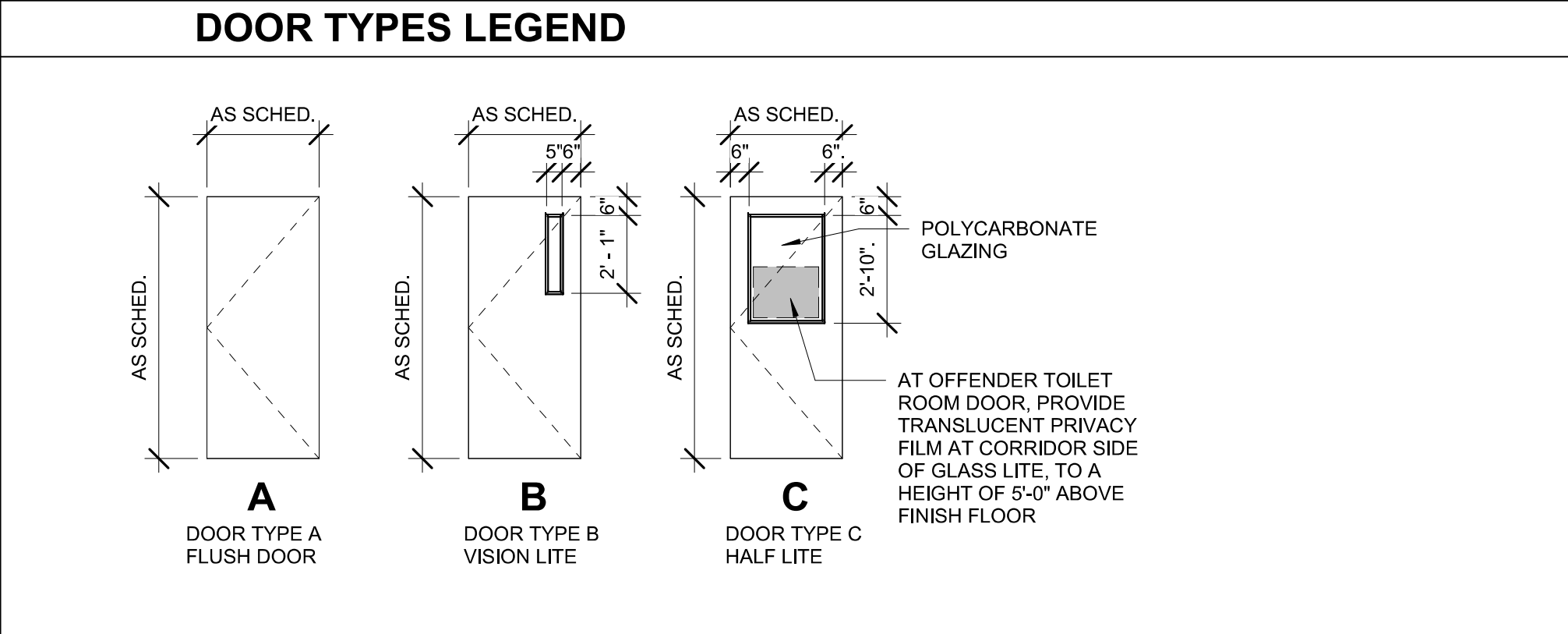
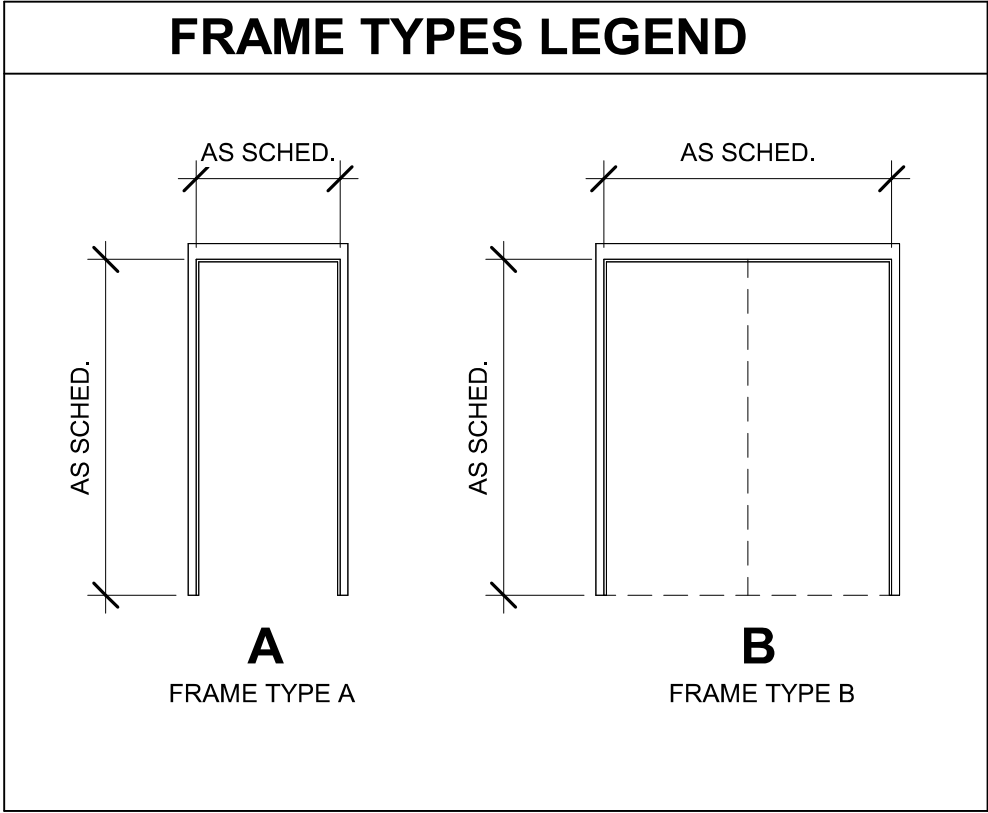
A-321

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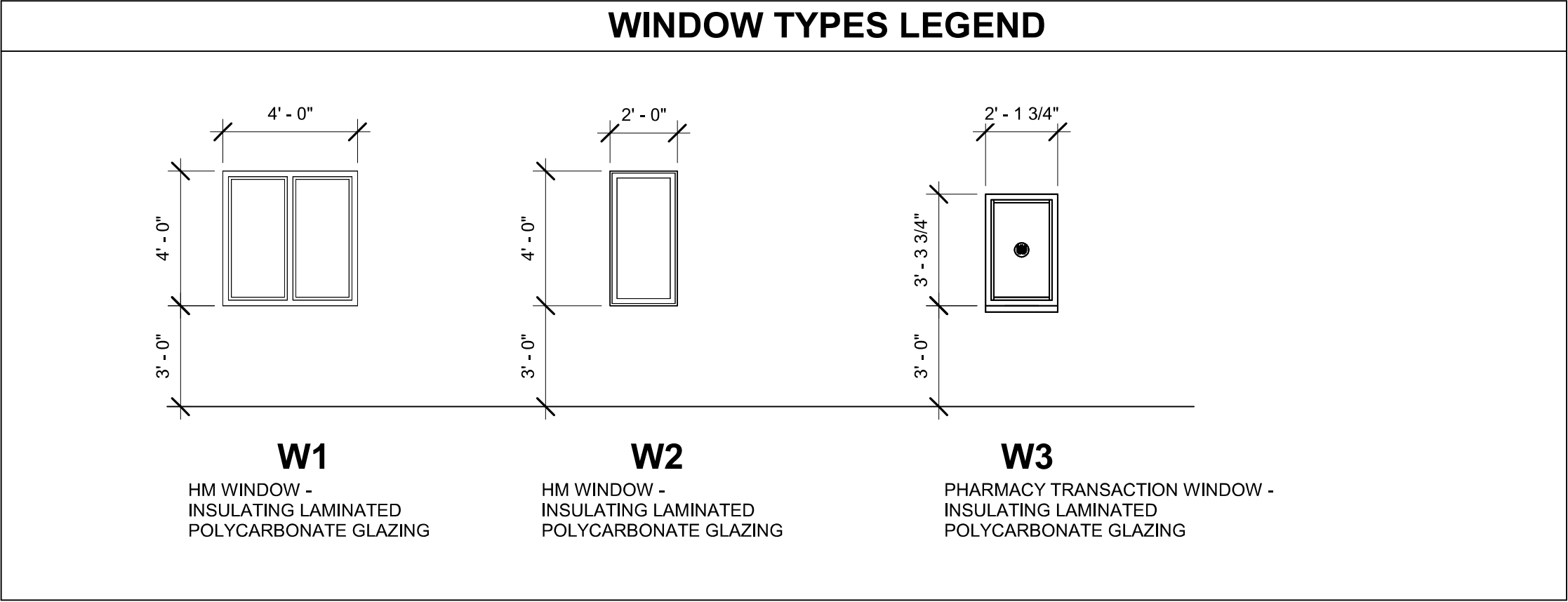
C

B

A



DOOR SCHEDULE																	
Door No.	From	To	Width	Height	Thickness	Door Type	Door Mat'l	Door Finish	Frame Type	Frame Mat'l	Frame Finish	Fire Rating	Head Detail	Jamb Detail	Threshold Detail	HW Set	Comments
101	EXTERIOR	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	C	HM	PT	A	HM	PT					ENTRY	
111	CORRIDOR	OFFICE	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
110	CORRIDOR	EXAM	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
102	CORRIDOR	OFFENDER TOILET	3' - 0"	7' - 0"	1 3/4"	C	HM	PT	A	HM	PT					PASSAGE	
103	CORRIDOR	PHARMACY	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
103A	STORAGE	PHARMACY	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					STOREROOM	
104A	CORRIDOR	CORR	3' - 0"	7' - 0"	1 3/4"	C	HM	PT	A	HM	PT					ENTRY	
104B	CORR	EXTERIOR	3' - 0"	7' - 0"	1 3/4"	C	HM	PT	A	HM	PT					ENTRY	
105	CORRIDOR	OFFICE	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
106	CORRIDOR	NURSE STATION	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
107	OFFICE	RECORDS / WORKROOM	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
108	RECORDS / WORKROOM	STAFF TOILET	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					PRIVACY	
109	CORRIDOR	EXAM	3' - 0"	7' - 0"	1 3/4"	A	HM	PT	A	HM	PT					OFFICE	
112	CORRIDOR	WAITING	3' - 0"	7' - 0"	1 3/4"	C	HM	PT	A	HM	PT					PASSAGE	
113	EXTERIOR	UTILITY ACCESS	2' - 10"	2' - 4"	1 3/4"	B	HM	PT	A	HM	PT					STOREROOM	



FINISH SCHEDULE							
Number	Name	Floor Finish	Base Finish	Wall Finish	Ceiling Finish	Ceiling Height	Comments
101	CORRIDOR	REC-F	ICB	REC-W	PT	7' - 11 3/8"	
102	OFFENDER TOILET	REC-F	ICB	REC-W	PT	7' - 11 3/8"	
103	PHARMACY	REC-F	ICB	PT	PT	7' - 11 3/8"	
103A	STORAGE	REC-F	ICB	PT	PT	7' - 11 3/8"	
104	CORR	REC-F	ICB	REC-W	PT	7' - 11 3/8"	
105	OFFICE	REC-F	ICB	PT	PT	7' - 11 3/8"	
106	NURSE STATION	REC-F	ICB	PT	PT	7' - 11 3/8"	
107	RECORDS / WORKROOM	REC-F	ICB	PT	PT	7' - 11 3/8"	
108	STAFF TOILET	REC-F	ICB	PT	PT	7' - 11 3/8"	
109	EXAM	REC-F	ICB	PT	PT	7' - 11 3/8"	
110	EXAM	REC-F	ICB	REC-W	PT	7' - 11 3/8"	
111	OFFICE	REC-F	ICB	REC-W	PT	7' - 11 3/8"	
112	WAITING	REC-F	ICB	REC-W	PT	7' - 11 3/8"	
113	VISITOR CHECK	CONC	RB	PT	PT		1
114	VEST.	CONC	RB	PT	PT		

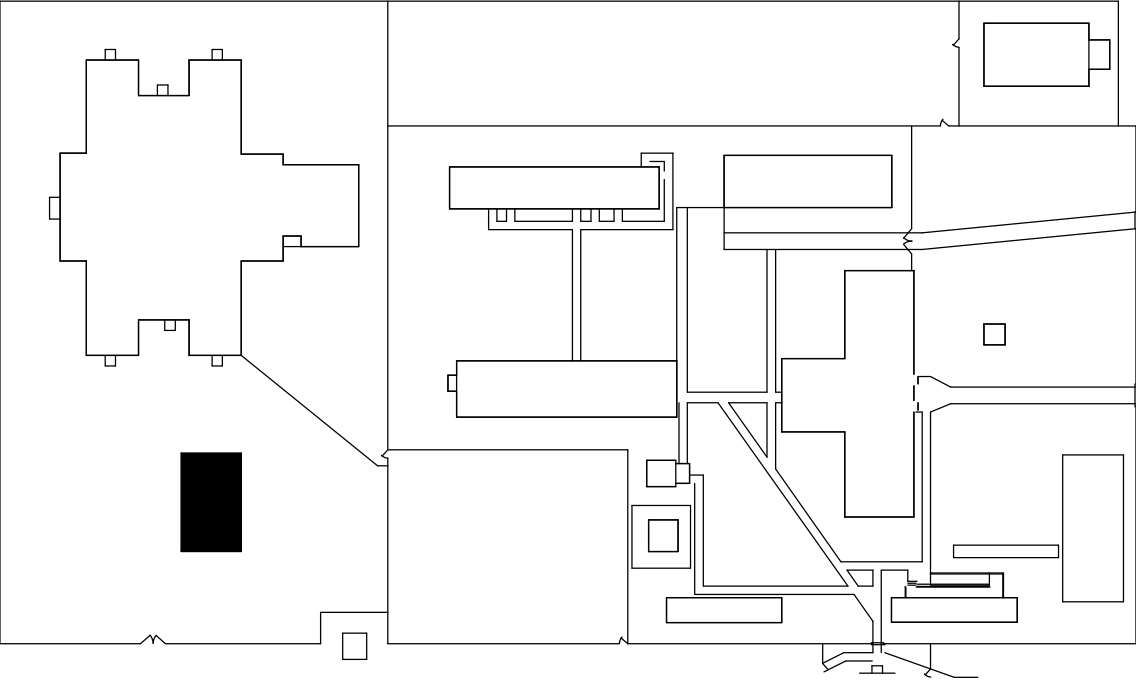
FINISH SCHEDULE COMMENTS:

- NOTE
- NOTE
- NOTE
- NOTE

FINISH LEGEND			
FLOOR	BASE	WALL	CEILING
EX EXISTING	EX EXISTING	EX EXISTING	EX EXISTING
CONC CONCRETE	RB RESILIENT BASE	PT PAINT	EXP EXPOSED STRUCTURE
SV SHEET VINYL	WD WOOD	CT CERAMIC TILE	PT PAINT
VCT VINYL COMPOSITION TILE	CT CERAMIC TILE	REC-W RESILIENT EPOXY COATING - WALL	ACT ACOUSTIC CEILING TILE
CT CERAMIC TILE	ICB INTEGRAL COVE BASE	FRP FIBERGLASS REINFORCED PLASTIC	
REC-F RESINOUS EPOXY COATING	SS STAINLESS STEEL		
PT PAINT			
CPT CARPET			

GENERAL NOTES

- PROJECT WILL PROGRESS AS A DELIGATED DESIGN, SEE MODULAR CONSTRUCTION NOTES & MODULAR BUILDING SHOP DRAWING APPROVAL PROCESS NOTES ON G-001.
- CONTRACTOR SHALL COORDINATE ALL WORK SHOWN ON ARCHITECTURAL PLANS WITH ELECTRICAL, MECHANICAL, STRUCTURAL & CIVIL.



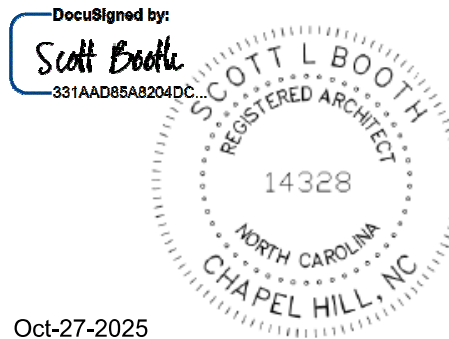
KEY PLAN



NORTH CAROLINA DEPARTMENT OF ADULT CORRECTION

2020 YONKERS ROAD
4216 MSC
RALEIGH, NC 27699-4216

TEL (919) 716-3400
FAX (919) 716-3978



Oct-27-2025

10/17/2025 IFC SUBMISSION

NO.	DATE	REVISION
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DRAWN BY: LSB

DESIGNED BY: Delegated Design

CHECKED BY: L. Scott Booth

CADD DWG NO: A-601

JOB ORDER NO: 4540

PLOT DATE: 10/17/2025

GASTON CORRECTIONAL CENTER

520 JUSTICE COURT, DALLAS, NC
28034

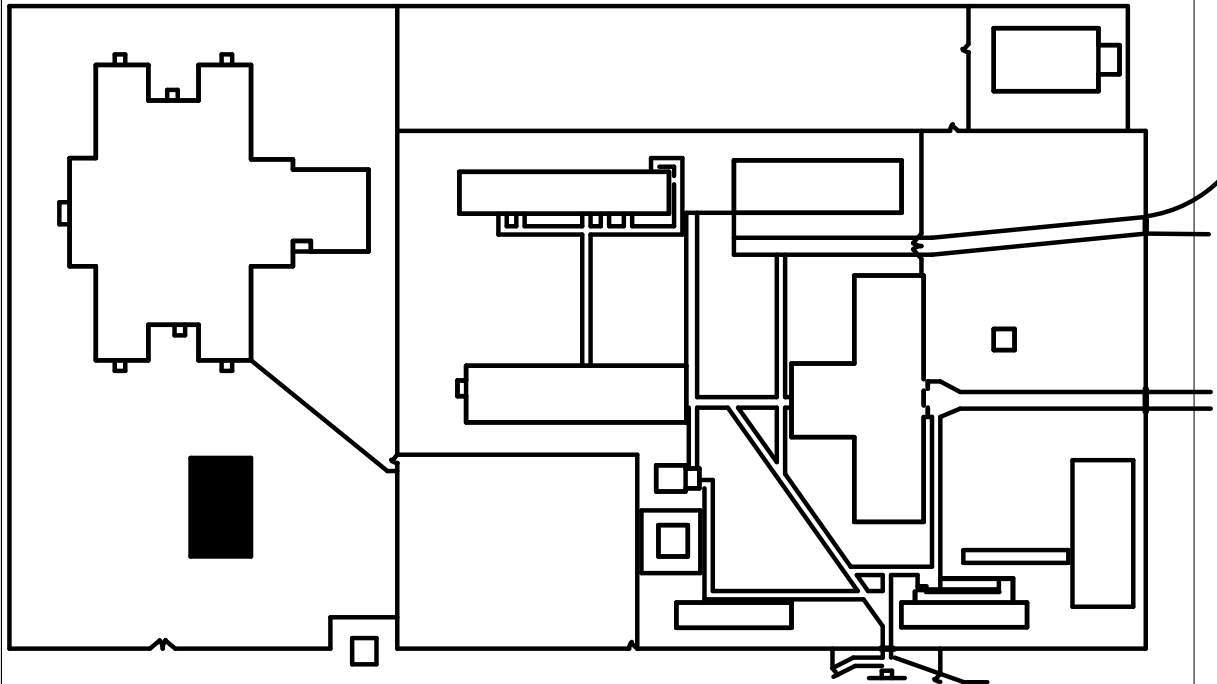
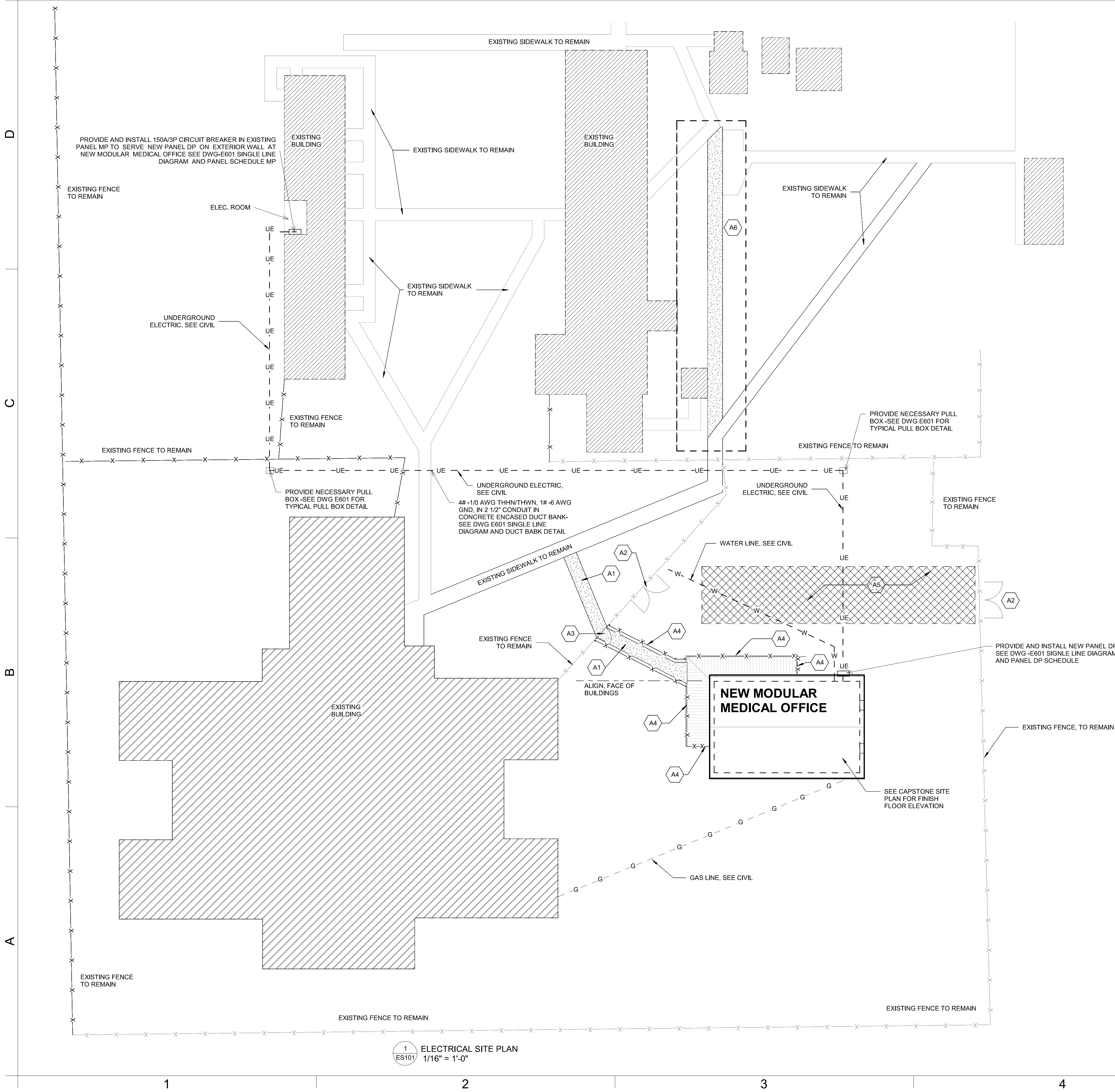
GASTON C.C. MODULAR MEDICAL OFFICE

SCO ID # 24-27820-01A

DOOR AND FRAME SCHEDULES, WINDOW SCHEDULE, FINISH SCHEDULE

A-601

J:\A-CADD\DDP (Adult Corrections)\Gaston CC 4515\4540 Gaston CC Modular Medical Office\01 Working Drawings\4540-ELEC-MODULAR MEDICAL OFFICE.rvt
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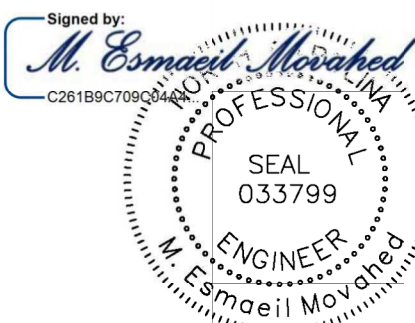


KEY PLAN



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Oct-28-2025

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DRAWN BY: EM

DESIGNED BY: EM

CHECKED BY: EM

CADD DWG NO: ES101

JOB ORDER NO: 4540

PLOT DATE: 10/17/25

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CENTER

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GASTON C.C. MODULAR
MEDICAL OFFICE

SCO ID # 24-27820-01A

SITE ELECTRICAL

ES101

ELECTRICAL SYMBOLS LEGEND

LUMINAIRE SYMBOLS: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL REQUIREMENTS. LETTER DESIGNATES TYPE.

- CEILING MOUNTED LUMINAIRE
- WALL OR CEILING MOUNTED LINEAR LUMINAIRE
- EMERGENCY LUMINAIRE
- ROUND, CEILING MOUNTED LUMINAIRE, SIZE AS SHOW ON PLANS AND AS SCHEDULED
- WALL MOUNTED SCONCE TYPE LUMINAIRE
- TRACK LIGHTING, PROVIDE NUMBER OF LIGHTING HEADS AS INDICATED
- EXIT LIGHT, BATTERY POWERED, UON. SHADED QUADRANTS INDICATE FACES. CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF SWITCHING. ARROWS INDICATE DIRECTION ARROWS.
- EMERGENCY BATTERY LUMINAIRE, WALL MOUNTED, 90 MINUTES BATTERY POWERED. CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF SWITCHING/CONTROLS UON.
- REMOTE MOUNTED EMERGENCY LIGHTING HEADS
- POLE-MOUNTED SITE LUMINAIRE
- DISCONNECT SWITCH - HEAVY DUTY, UNFUSED WITH CURRENT RATING
- DISCONNECT SWITCH - HEAVY DUTY, UNFUSED WITH CURRENT RATING
- ENCLOSED CIRCUIT BREAKER DISCONNECT SWITCH, CURRENT RATING/FUSE SIZE
- PANELBOARD (PANEL)
- COMBINATION STARTER
- ADJUSTABLE SPEED DRIVE (VFD)
- MOTOR
- UTILITY OLE
- JUNCTION BOX
- DUPLEX RECEPTACLE, NEMA 5-20R
- DUPLEX RECEPTACLE, NEMA 5-20R SUBSCRIPT INDICATES SECURITY WALL PLATE
- DOUBLE DUPLEX RECEPTACLE, NEMA 5-20R
- FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE, NEMA 5-20R, WITH COMMUNICATION/DATA CAPABILITY
- DUPLEX RECEPTACLE, NEMA 5-20R SUBSCRIPT INDICATES THE FOLLOWING:
 - S SECURITY WALL PLATE
 - GFI GROUND FAULT CIRCUIT INTERRUPTER
 - WP GROUND FAULT CIRCUIT INTERRUPTER WITH WEATHERPROOF COVER
 - H HOSPITAL GRADE
 - EWC ELECTRIC WATER COOLER. WIRE TO GFCI TYPE BREAKER
 - T TAMPER RESISTANT
 - AC ABOVE COUNTER
- FLOOR MOUNTED DUPLEX RECEPTACLE, NEMA 5-20R
- SPECIAL PURPOSE RECEPTACLE, FOR ELECTRICAL EQUIPMENT. REFER TO PLANS FOR NEMA CONFIGURATION.
- FACTORY WIRED PLUGMOLD
- S SINGLE-POLE WALL SWITCH
- S₃ 3-WAY WALL SWITCH
- S₄ 4-WAY WALL SWITCH

- DIMMER SWITCH, TYPE SHALL MATCH LUMINAIRES BEING CONTROLLED
- SINGLE-POLE WALL SWITCH WITH PILOT LIGHT (LT WHEN IN THE ON POSITION)
- SINGLE-POLE MOTOR RATED SWITCH. A "2" SUBSCRIPT INDICATES A 2-POLE SWITCH.
- WALL SWITCH, SUBSCRIPT INDICATES ASSOCIATED LUMINAIRES BEING CONTROLLED. PROVIDE A SEPARATE SWITCH FOR EACH SUBSCRIPT LETTER INDICATED.
- HOMERUN - PROVIDE 20-1P BREAKER WITH 2-#12, 1-#12G, 3/4"C TO PANEL AS INDICATED MINIMUM, UON
- PHOTOCELL
- CIRCUIT BREAKER WITH ASSOCIATED AMPACITY AND FEATURES
- TRIP ELEMENTS - ELECTRONIC TRIP UNIT
 - L - LONG TIME
 - I - INSTANTANEOUS
 - S - SHORT TIME
 - G - GROUND FAULT
- GROUND BAR
- GROUND LOOP
- GROUND ROD, 10' LONG, 3/4" DIAMETER
- CADWELD CONNECTION
- GROUND TEST WELL
- AIR TERMINAL, 1/2" DIAMETER, 12" LONG, ALUMINUM, TAPERED POINT
- DOWN CONDUCTOR, CLASS I, COPPER, 29 STRAND, 17 GUAGE, COPPER WIRE
- GROUND PIGTAIL
- LIGHTNING CONDUCTOR CONNECTION
- CHANGE IN ELEVATION, LIGHTNING CONDUCTOR
- TRANSIENT VOLTAGE SURGE SUPPRESSOR
- GROUND
- AUTOMATIC TRANSFER SWITCH
- AUTOMATIC TRANSFER SWITCH - BYPASS ISOLATION TYPE
- PANELBOARD - WITH MAIN LUGS ONLY
- PANELBOARD - WITH MAIN CIRCUIT BREAKER
- TRANSFORMER
- ENCLOSED CIRCUIT BREAKER
- FUSED SAFETY SWITCH

ELECTRICAL DIAGRAM SYMBOLS LEGEND

- GROUND
- AUTOMATIC TRANSFER SWITCH
- AUTOMATIC TRANSFER SWITCH - BYPASS ISOLATION TYPE
- PANELBOARD - WITH MAIN LUGS ONLY
- PANELBOARD - WITH MAIN CIRCUIT BREAKER
- TRANSFORMER
- ENCLOSED CIRCUIT BREAKER
- FUSED SAFETY SWITCH

FIRE ALARM SYMBOLS LEGEND

- SMOKE DETECTOR
- HEAT DETECTOR, 135° UON
- DUCT TYPE SMOKE DETECTOR SUBSCRIPT INDICATES THE FOLLOWING:
 - S SUPPLY DUCT
 - R RETURN DUCT
- REMOTE ALARM INDICATOR LIGHT WITH KEYED TEST SWITCH
- REMOTE ALARM INDICATOR LIGHT
- FIRE ALARM AUDIO/VISUAL UNIT, SUBSCRIPT INDICATES CANDELA RATING
- FIRE ALARM VISUAL ONLY UNIT, SUBSCRIPT INDICATES CANDELA RATING
- FIRE ALARM MANUAL PULL STATION
- FIRE ALARM CONTROL UNIT (PANEL)
- FIRE ALARM ANNUNCIATOR PANEL
- FIRE ALARM DOCUMENTS STORAGE CABINET
- FLOW SWITCH
- TAMPER SWITCH
- DOOR HOLDER
- EVENT PRINTER
- DEVICE WITH THIS SUBSCRIPT INDICATES WIRE GUARD

COMMUNICATIONS SYMBOLS LEGEND

- PAGING SPEAKER, MOUNTING HEIGHTS AS PER PLANS
- VOICE/DATA OUTLET, SUBSCRIPT INDICATES CONFIGURATION

ELECTRICAL DRAWING PRESENTATION

- LIGHT LINEWEIGHT INDICATES EXISTING UON
- ON DEMOLITION PLANS, HEAVY DASHED LINEWEIGHT INDICATES EXISTING TO BE REMOVED UON
- HEAVY SOLID LINEWEIGHT INDICATES NEW TO BE PROVIDED UON
- DRAWING NOTE INDICATES FIXTURE TYPE
- INDICATES SWITCHING DESIGNATION
- INDICATES CIRCUIT
- INDICATES FAULT CURRENT AVAILABLE AT THE EQUIPMENT
- INDICATES DISTRIBUTION EQUIPMENT FAULT CURRENT RATING

GENERAL ELECTRICAL NOTES:

- ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND LISTED FOR THE APPLICATION BY A THIRD PARTY AGENCIES ACCREDITED BY THE NCBCC TO LABEL ELECTRICAL AND MECHANICAL EQUIPMENT, AS SUITABLE FOR PURPOSE SPECIFIC AND SHOWN, WHERE SUCH LISTING EXISTS.
- ALL 20 AMPERE, 120 VOLT CIRCUITS LONGER THAN 50 FEET AND 277 VOLT CIRCUITS LONGER THAN 125 FEET SHALL BE # 10 AWG MINIMUM.
- ALL PANELBOARDS, AND ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE PROVIDED WITH 75° LUGS MINIMUM, UNLESS NOTED OTHERWISE.
- CONDUCTORS SHALL BE MINIMALLY SIZED PER THE 75 DEGREE CELSIUS TABLES IN THE NEC. ADJUST TO THE HIGHER RATING WHERE RECOMMENDED BY EQUIPMENT MANUFACTURER.
- ALL CONDUCTORS SHALL BE INSTALLED IN APPROVED RACEWAYS. MINIMUM CONDUIT SIZE SHALL BE 3/4 INCH.
- SIZE ALL CONDUITS AND RACEWAYS PER THE THHN/THWN INSULATION TABLES IN THE NEC. RESIZE CONDUITS WHERE THICKER CONDUCTOR INSULATION IS USED.
- PROVIDE AN NEC SIZED GROUND WIRE IN ALL POWER CIRCUITS.
- ALL ITEMS USED AS SERVICE ENTRANCE EQUIPMENT SHALL BE LISTED AND LABELED FOR THAT PURPOSE.
- THE STATE CONSTRUCTION OFFICE (SCO) IS THE AUTHORITY HAVING JURISDICTION FOR THE ELECTRICAL INSPECTIONS ON THIS PROJECT. NOTIFY THE STATE PROPERTY ELECTRICAL INSPECTORS IN THE CONSTRUCTION ADMINISTRATION SECTION OF THE SCO TO SCHEDULE THE REQUIRED ROUGH-IN, ABOVE CEILING AND FINAL INSPECTIONS. NO WORK WILL BE COVERED UP UNTIL AFTER THE INSPECTION HAS BEEN COMPLETED AND APPROVED BY AN AUTHORIZED SCO INSPECTOR. ALL ELECTRICAL INSPECTIONS WITH THE SCO ELECTRICAL INSPECTOR SHALL BE SCHEDULED FOR MONDAY THROUGH FRIDAY UNLESS SPECIFICALLY EXEMPTED AND APPROVED BY SCO.
- POWER PHASE CONDUCTORS SHALL BE COLOR CODED AS FOLLOWS:

	120/240 VOLT 1 PHASE SYSTEMS	208/120 VOLT 3 PHASE SYSTEM	480/277 VOLT 3 PHASE SYSTEM
PHASE A	BLACK	BLACK	BROWN
PHASE B	RED	RED	ORANGE
PHASE C	N/A	BLUE	YELLOW
NEUTRAL	WHITE	WHITE	GREY

- INSTALL DETECTABLE WARNING TAPE 6" BELOW GRADE FOR ALL UNDERGROUND CONDUIT.

FIRE ALARM GENERAL NOTES:

- ALL CONDUIT SHALL BE MINIMUM 3/4", INCLUDING FLEXIBLE CONDUIT.
- SEE PLANS FOR QUANTITY AND LOCATION OF DEVICES AND EQUIPMENT.
- CIRCUITRY SHALL BE CONDUCTOR SIZE, QUANTITY, AND TYPE AS RECOMMENDED BY PARTICULAR MANUFACTURER FOR SPECIFIC USE AS INITIATION, NOTIFICATION, RELAY, OR SIGNALING LINE CIRCUIT CONDUCTORS.
- SIGNALING LINE CIRCUITS (SLC) SHALL BE NFPA 72, CLASS A, STYLE 6 WIRING. THE OUTGOING AND THE RETURN CIRCUIT CONDUCTORS SHALL NOT BE RUN IN THE SAME CONDUIT.
- SMOKE AND HEAT DETECTORS SHALL BE LOCATED A MINIMUM OF 36" FROM HVAC SUPPLY, RETURN AND EXHAUST AIR DIFFUSERS, GRILLES AND OUTLETS. COORDINATE EXACT LOCATIONS WITH THE MECHANICAL CONTRACTOR AND EXISTING FIELD CONDITIONS.
- LABEL ALL DUCT MOUNT SMOKE DETECTOR REMOTE ALARM INDICATING LIGHTS. LABEL SHALL INCLUDE THE ASSIGNED SMOKE DETECTOR ADDRESS, THE ROOM NUMBER IN WHICH THE DUCT MOUNT SMOKE DETECTOR IS LOCATED AND VICINITY IN ROOM. LABELS IN AREAS WITH HIGH CEILING SHALL HAVE A LARGER FONT TO BE READABLE FROM THE FINISHED FLOOR HEIGHT.

COMMUNICATION GENERAL NOTES:

- CONTRACTOR SHALL INSTALL CONDUITS AND BACK BOXES FOR ALL COMMUNICATION DEVICES.
- 3/4" CONDUIT FROM EACH DEVICE IS REQUIRED AS HOME RUN BACK TO TELEPHONE BOARD FOR ADMINISTRATION AREA DEVICES.
- 3/4" CONDUIT FROM EACH DEVICE IS REQUIRED TO BE HOME RUN BACK TO COMMUNICATION J-BOX IN MECHANICAL ROOM FOR DORM AREA DEVICES.
- CONTRACTOR SHALL PURCHASE AND INSTALL THE TELEPHONE BACKBOARD.
- SINGLE GANG BACK BOX IS REQUIRED FOR EACH V/D OUTLET.
- MOUNT SPEAKERS 10'-12" AFF (EACH FLOOR) OR ON THE CEILING.
- WIRES WILL BE PROVIDED AND INSTALLED BY OTHERS.
- FACE PLATES, ACTUAL DEVICES AND TEMINATION WILL BE BY OTHERS.

ABBREVIATIONS

A	AMPERE
ASD	ADJUSTABLE SPEED DRIVE
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ARCH	ARCHITECT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GUAGE
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BLDG	BUILDING
C	CELSIUS
C	CONDUIT
C-B	CIRCUIT BREAKER
CKT	CIRCUIT
CT	CURRENT TRANSFORMER
CU	COPPER
DC	DIRECT CURRENT
DEG	DEGREES
DISC	DISCONNECT
DN	DOWN
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC/ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
ENG	ENGINEER
ER	EXISTING TO BE RELOCATED
EWC	ELECTRIC WATER COOLER
EX, (E), EXIST	EXISTING
F	FAHRENHEIT
FACU	FIRE ALARM CONTROL UNIT (PANEL)
FIXT	FIXTURE
FLA	FULL LOAD AMPS
FLR	FLOOR
FLUOR	FLUORESCENT
FT	FEET
G.GND	GROUND
GC	GENERAL CONTRACTOR
GE	GROUNDING ELECTRODE CONDUCTOR
GRS	GALVANIZED RIGID STEEL
HOA	HAND-OFF-AUTOMATIC
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
HR	HOUR
HTR	HEATER
HZ	HERTZ
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
JB	JUNCTION BOX
K	(KILO) THOUSAND
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT(S)
KVA	KILOVOLT AMPHERE(S)
KW	KILOWATT(S)
KWH	KILOWATT HOUR(S)
LED	LIGHT EMITTING DIODE
LT(S)	LIGHT(S)
LTG	LIGHTING
MC	MECHANICAL CONTRACTOR
MECH	MECHANICAL
MFG	MANUFACTURED
MH	MANHOLE
MISC	MISCELLANEOUS
MTD	MOUNTED
MTS	MANUAL TRANSFER SWITCH
N/A	NON APPLICABLE
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
ON CENTER	ON CENTER
P	POLE
PH.	PHASE
PHL	PANELBOARD
PVC	POLYVINYL CHLORIDE
RECEPT(S)	RECEPTACLE(S)
SE	SERVICE ENTRANCE
SF	SQUARE FEET
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
TBD	TO BE DETERMINED
UL	UNDERWRITERS LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTABLE POWER SUPPLY
V	VOLTS
VA	VOLT AMPHERE(S)
W	WATTS.WIRE
WP	WEATHERPROOF
XFMR	TRANSFORMER

2018 APPENDIX B
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS
ELECTRICAL DESIGN
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)

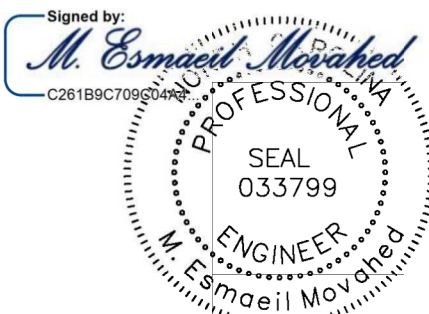
ELECTRICAL SUMMARY

- Method of Compliance: Select one
- Lighting schedule (each fixture type)
 - lamp type required in fixture
 - number of lamps in fixture
 - ballast type used in the fixture
 - number of ballasts in fixture
 - total wattage per fixture
 - total interior wattage specified vs. allowed (whole building or space by space)
 - total exterior wattage specified vs. allowed
- Additional Prescriptive Compliance
 - C406.2 More Efficient Mechanical Equipment
 - C406.3 Reduced Lighting Power Density
 - C406.4 Energy Recovery Ventilation Systems
 - C406.5 Higher Efficiency Service Water Heating
 - C406.6 On-Site Supply of Renewable Energy
 - C406.7 Automatic Daylighting Control Systems



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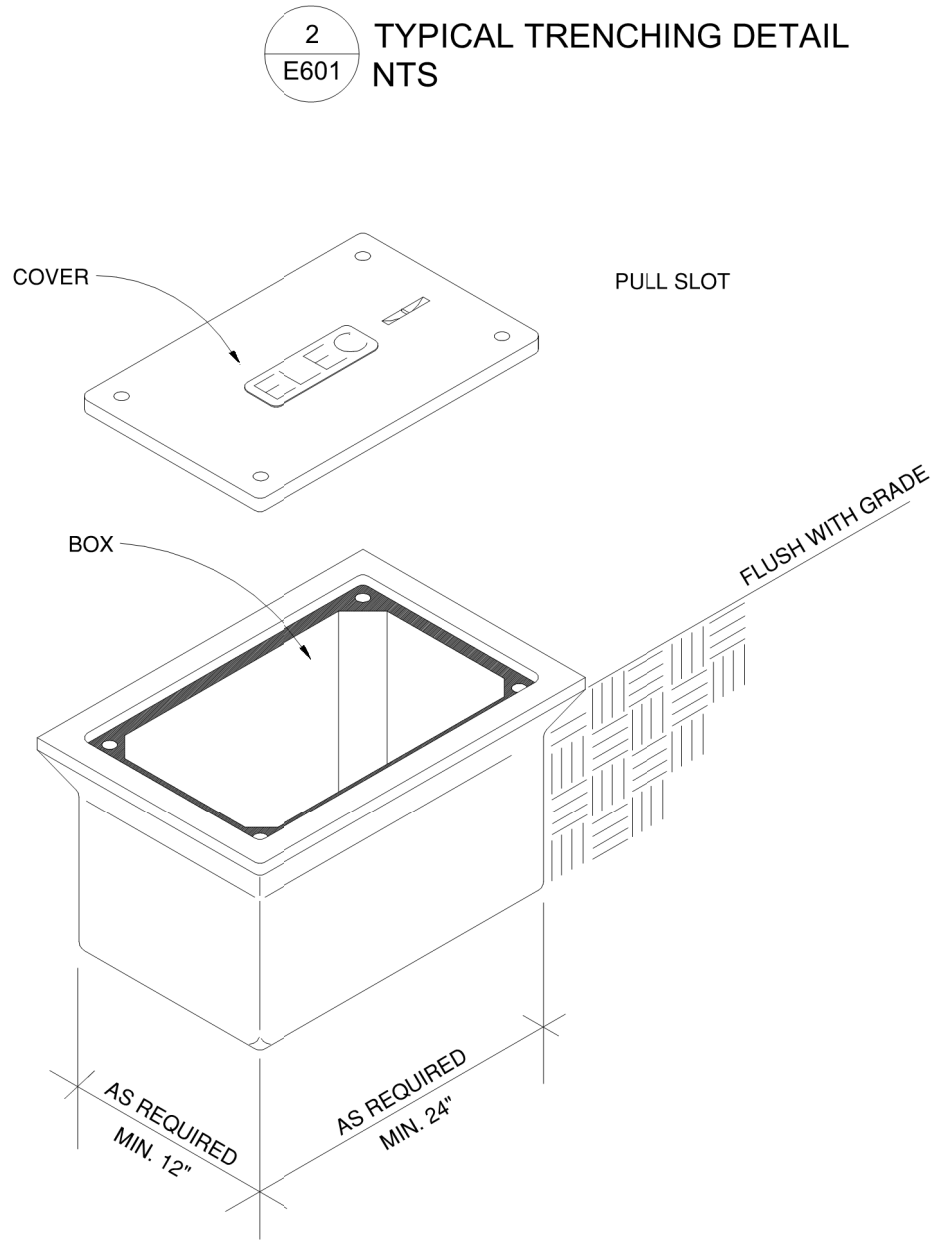
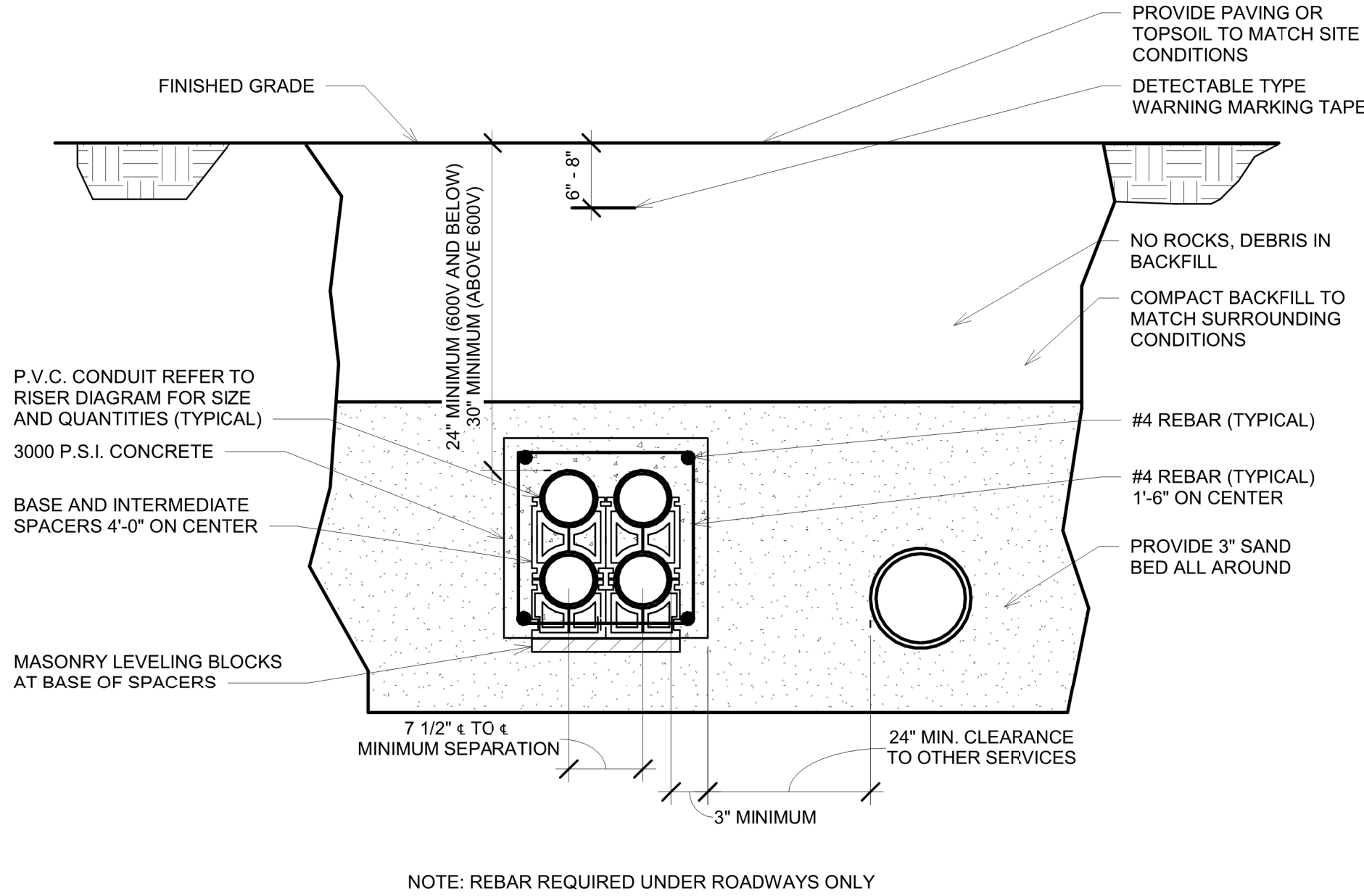
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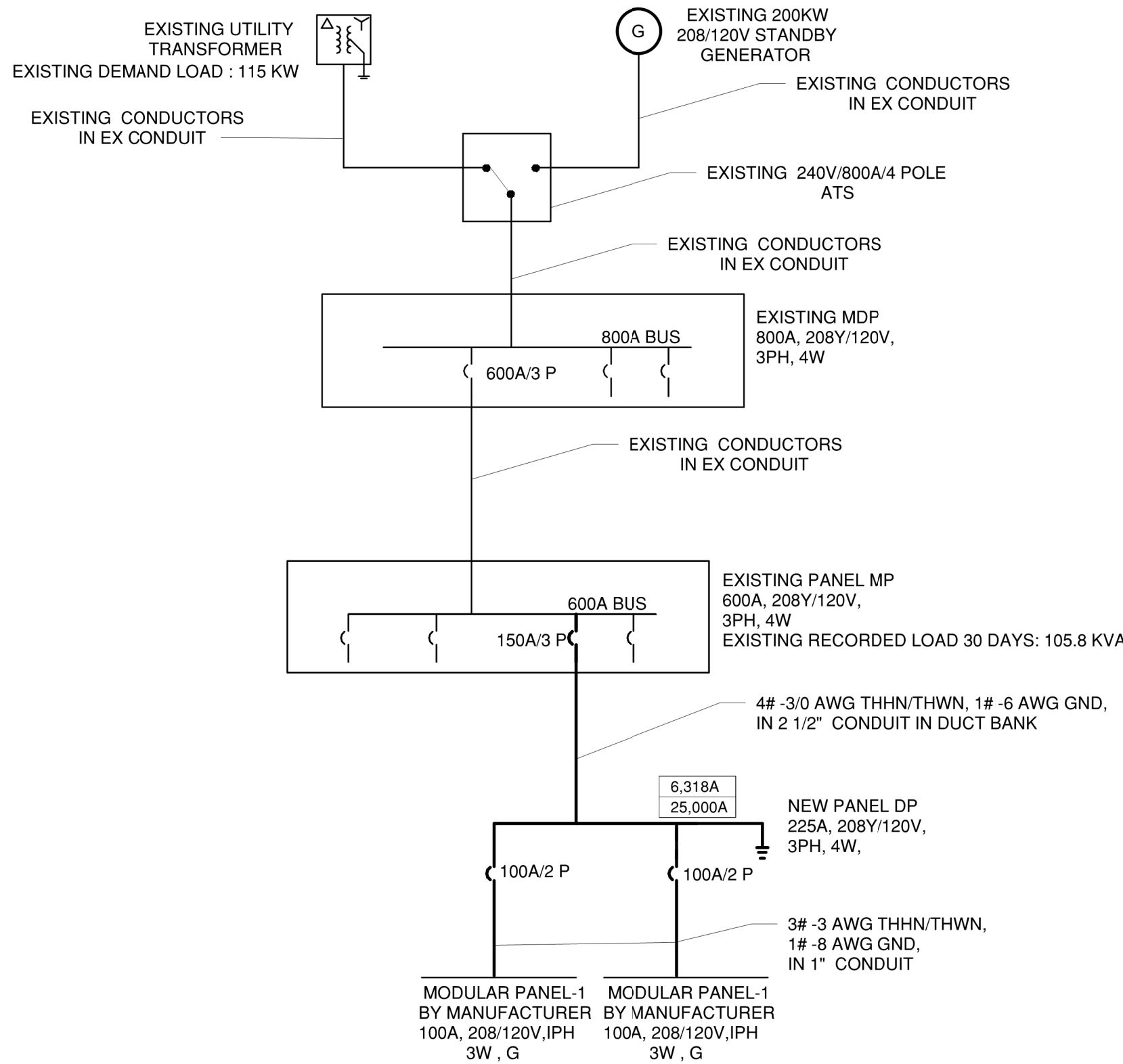
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ELECTRICAL GENERAL
NOTES, SYMBOLS
LEGEND & DETAIL

E001



NEW PANEL					DP			NEW WORK				
CKT	LOAD TYPE	LOAD KVA	DESCRIPTION	CIRCUIT BKR	PHASE			CIRCUIT BKR	DESCRIPTION	LOAD KVA	LOAD TYPE	CKT
					A	B	C					
1	S		MODULAR MEDICAL OFFICE	100A/2P					SPACE		O	2
3	S								SPACE		O	4
5	S		MODULAR MEDICAL OFFICE	100A/2P					SPACE		O	6
7	S								SPACE		O	8
9	O		SPACE						SPACE		O	10
11	O		SPACE						SPACE		O	12
					LOAD TYPE	CONNECTED	DEMAND					
					(E) EXISTING	0.0	125%	0.0	FED FROM: PANEL MDP			
					(R) RECEPTACLES	0.0	100%	0.0	MOUNT: SURFACE			
					(M) MOTOR	0.0	100%	0.0	NEMA: 1			
					(H) HVAC	0.0	100%	0.0	MAN / MODEL # GENERAL ELECTRIC I-LINE AT709098			
					(L) LIGHTING	0.0	125%	0.0				
					(K) KITCHEN	0.0	100%	0.0				
					(S) SUBFED PANELS	30.0	100%	30.0 (NOTE 1)	PROVIDE DOOR WITH LOCK AND HINGED TRIM. PROVIDE			
					(O) OTHER	0.0	100%	0.0	COPPER BUSS BARS AND BOLT ON BREAKERS.			
					TOTAL	30.0	100%	30.0				
NOTES:												
1. TOTAL NEW ESTIMATED CONNECTED LOAD IS 30KVA.												
2.												
3.												
4.												
									PANEL TOTALS			
PHASE A									10.0	KVA	83.3	AMP
PHASE B									10.0	KVA	83.3	AMP
PHASE C									10.0	KVA	83.3	AMP
TOTAL									30.0	KVA	83.3	AMP



PARTIAL SINGLE LINE DIAGRAM-NEW WORK
12" = 1'-0"

EXISTING PANEL				MP			NEW WORK					
CKT	LOAD TYPE	LOAD KVA	DESCRIPTION	CIRCUIT BKR	PHASE			CIRCUIT BKR	DESCRIPTION	LOAD KVA	LOAD TYPE	CKT
					A	B	C					
1	E		VISITOR BUILDING	100A/2P				200A/3P	ADMIN		E	2
3	E										E	4
5	E		MAINT. BUILDING	100A/2P				100A/2P	CLASS /R TRAILER		E	6
7	E										E	8
9	E		SPACE					200A/2P	KITCHEN 9(PANEL KA)		E	10
11	E										E	12
13	E		CHAPEL	200A/2P					SPACE		O	14
15	E								SPACE		O	16
17	O		MUSIC ROOM	50A/2P				60A/2P	OLD SEGREGATION		E	18
19	O										E	20
21	O		SPACE					100A/3P	E&F DORM (PANEL EF)		E	22
23	O		SPACE								E	24
25	S	10.0	MODULAR MEDICAL OFFICE (NOTES 1, 3)	150A/3P							E	26
27	S	10.0							SPACE		O	28
29	S	10.0							SPACE		O	30
					LOAD TYPE	CONNECTED	DEMAND					
					(E) EXISTING	116.0	125%	145.0 (NOTE 2)	FED FROM: PANEL MDP			
208Y/120 V					(R) RECEPTACLES	0.0	100%	0.0	MOUNT: SURFACE			
MAINS: MCB					(M) MOTOR	0.0	100%	0.0	NEMA: 1			
14K A/C					(H) HVAC	0.0	100%	0.0	MAN / MODEL # GENERAL ELECTRIC I-LINE AT709098			
					(L) LIGHTING	0.0	125%	0.0				
					(K) KITCHEN	0.0	100%	0.0				
					(S) SUBFED PANELS	30.0	100%	30.0				
					(O) OTHER	0.0	100%	0.0				
					TOTAL	146.0	120%	175.0				
NOTES:												
1. UTILIZE EXISTING SPACES. PROVIDE AND INSTALL NEW 150A/3P BREAKER TO SERVE NEW LOAD AS SHOWN.												
2. EXISTING 30 DAYS MONITORING RECORDED LOAD.												
3. TOTAL NEW ESTIMATED CONNECTED LOAD IS 30KVA.												
4.												
									PANEL TOTALS			
PHASE A									58.3	KVA	485.8	AMP
PHASE B									58.3	KVA	485.8	AMP
PHASE C									58.3	KVA	485.8	AMP
TOTAL									174.9	KVA	485.8	AMP



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ELECTRICAL SINGLE LINE DIAGRAM, SCHEDULES & DETAILS