STATE OF DELAWARE

OMB/DIVISION OF FACILITIES MANAGEMENT OMB / DFM CONTRACT #MC0201000028A

JUROR ENTRANCE ENCLOSURE

AT THE SUSSEX COUNTY COURTHOUSE 1 THE CIRCLE GEORGETOWN, DE 19947

DRAWING LIST

LEGENDS & ABBREVIATIONS

CODE PLAN

ACCESSIBILITY PLAN OVERALL PLAN & PARTIAL UTILITIES PLAN

STRUCTURAL

STRUCTURAL NOTES STRUCTURAL PLANS TYPICAL SECTIONS & DETAILS

DEMOLITION FIRST FLOOR PLAN FIRST FLOOR PLAN & R.C. PLAN ROOF PLAN

EXTERIOR ELEVATIONS ENCLOSURE SECTIONS & DETAILS ENCLOSURE SECTIONS & DETAILS ENCLOSURE SECTIONS & DETAILS ADDITIONAL SECTIONS & DETAILS ADDITIONAL SECTIONS & DETAILS

FIRE PROTECTION PARTIAL RENOVATION FLOOR

ELECTRICAL NOTES AND ABBREVIATIONS ELECTRICAL PARTIAL RENOVATION FLOOR PLAN



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SUSSEX COUNTY

JUROR ENTRANCE

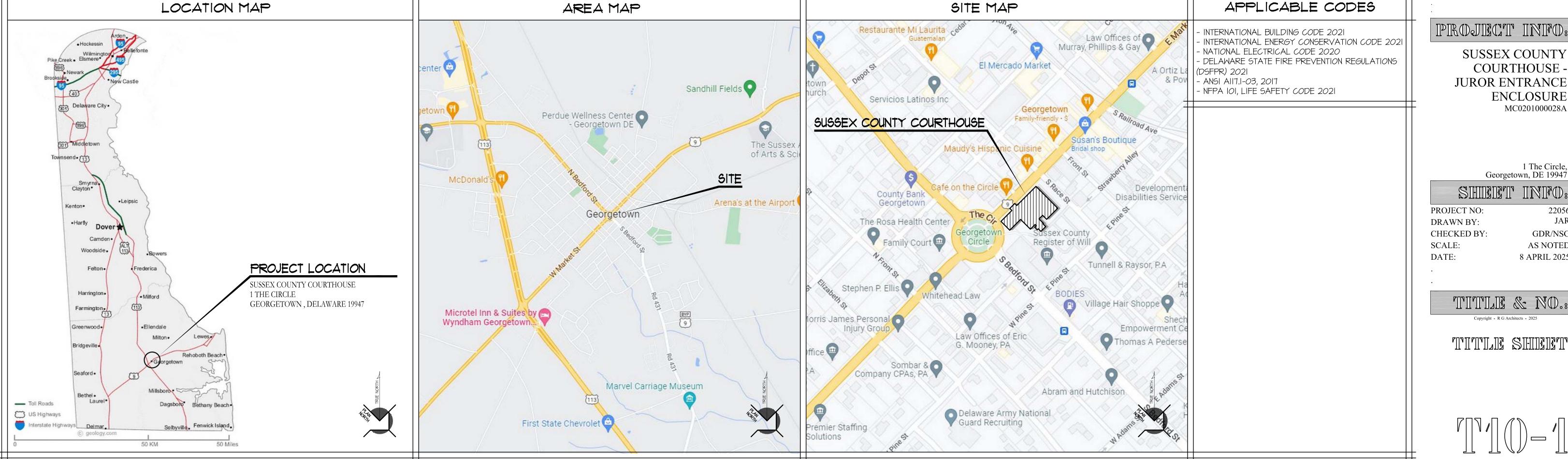
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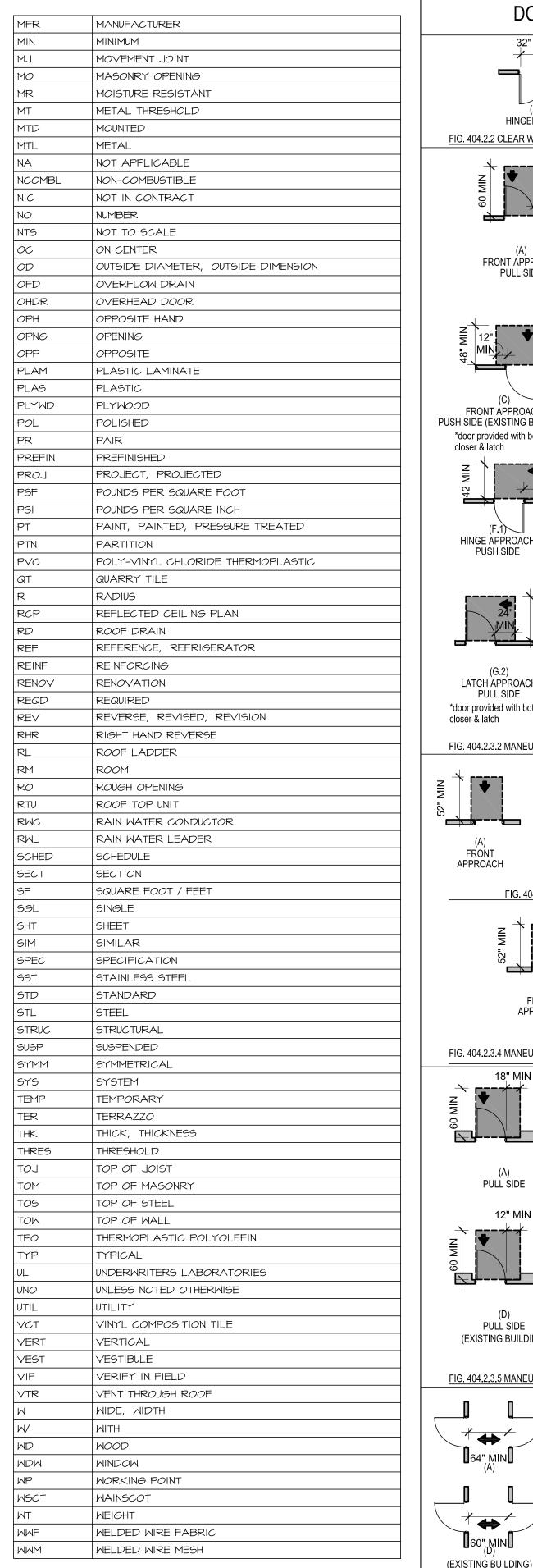
MC0201000028A

SHEET INFO

PROJECT NO: DRAWN BY: GDR/NSG CHECKED BY: SCALE: AS NOTED 8 APRIL 2025



ACT	ABBREVIATIONS ACOUSTICAL CEILING TILE
AFF	ABOVE FINISHED FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANSI ARCH	AMERICAN NATIONAL STANDARDS INSTITUTE ARCHITECTURAL, ARCHITECT
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIA
BD	BOARD
BL	BASE LINE
BLDG	BUILDING
BM	BEAM
BOT BRG	BEARING BEARING
BUR	BUILT UP ROOF
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLG HT CLO	CEILING HEIGHT CLOSET
CLO CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CON	CONNECT
CONSTR	CONCRETE
CONSTR CONT	CONSTRUCTION
CONTR	CONTRACT, CONTRACTOR
COORD	COORDINATE
CPT	CARPET
CTP.	CERAMIC TILE
CTR D	DEEP, DEPTH
DBL	DOUBLE DOUBLE
DEC	DETENTION EQUIPMENT CONTRACTOR
DEMO	DEMOLITION, DEMOLISH
DET	DETAIL
DF DIA	DRINKING FOUNTAIN DIAMETER
DIA DIAG	DIAGONAL
DIM	DIMENSION
DR	DOOR
DWG	DRAWING
EA	EACH
EIFS ——— EJ	EXTERIOR INSULATION FINISH SYSTEM EXPANSION JOINT
<u></u> EL	ELEVATION
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATOR
EPDM 	ETHYLENE PROPYLENE DIENE MONOMER
EQ EQUIP	EQUAL EQUIPMENT
EW	EACH WAY
EMC	ELECTRIC WATER COOLER
EXIST	EXISTING
EX	EXISTING
EXP EXT	EXPANSION, EXPOSED EXTERIOR
FD	FLOOR DRAIN
FDTN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF EL FHC	FINISHED FLOOR ELEVATION FIRE HOSE CABINET
FIN	FINISH
FIN FLR	FINISH FLOOR
FLR	FLOOR, FILLER
FR	FIRE RATING, FIRE RESISTANT, FRAME
FRP ——— FT	FIBER REINFORCED PLASTIC / POLYESTER FOOT, FEET
	FOOTER, FOOTING
FT6	
	GAUGE
GA GALV	GALVANIZED
GA GALV GC	GALVANIZED GENERAL CONTRACTOR
GA GALV GC GYP BD	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD
GA GALV GC GYP BD HC	GALVANIZED GENERAL CONTRACTOR
GA GALV GC GYP BD HC	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP
GA GALV GC GYP BD HC HCP HDPE HDM	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE
GA GALV GC GYP BD HC HCP HDPE HDW	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL
GA GALV GC GYP BD HC HCP HDPE HDW HM	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL
FTG GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC INSUL	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER
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GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC INSUL INT	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC ID INSUL INT JAN L	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC INGUL INT JAN L LAM LAY LH	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE LAMINATE LAVATORY LEFT HAND
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC INSUL INT JAN L LAM LAV LH LHR	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE LAMINATE LAVATORY LEFT HAND LEFT HAND REVERSE
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC INSUL INT JAN L LAM LAY LH LHR LLH	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE LAMINATE LAVATORY LEFT HAND LEFT HAND REVERSE LONG LEG HORIZONTAL
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC ID INSUL INT JAN L LAM LAV LH LHR LLH LLH	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE LAMINATE LAVATORY LEFT HAND LEFT HAND REVERSE
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GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT HVAC IBC INSUL INT JAN L LAM LAY LH LHR LLH LLH LLY LPT	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE LAMINATE LAVATORY LEFT HAND LEFT HAND LEFT HAND REVERSE LONG LEG HORIZONTAL LOW POINT
GA GALV GC GYP BD HC HCP HDPE HDW HM HORIZ HT INSUL INT JAN L LAM LAV LH LHR LLH LLLV LPT LT	GALVANIZED GENERAL CONTRACTOR GYPSUM BOARD HANDICAP HANDICAPPED HIGH DENSITY POLYETHYLENE HARDWARE HOLLOW METAL HORIZONTAL HEIGHT HEATING VENTILATING, AND AIR CONDITIONING INTERNATIONAL BUILDING CODE INSIDE DIAMETER INSULATION INTERIOR JANITOR ANGLE LAMINATE LAVATORY LEFT HAND LEFT HAND REVERSE LONG LEG HORIZONTAL LOW POINT LIGHT



2017 ANSI 117.1 STANDARDS DOORS, DOORWAYS & GATES FOLDING DOOR SLIDING DOOR HINGED DOOR FIG. 404.2.2 CLEAR WIDTH OF DOORWAYS 24" PREFERRED FRONT APPROACH FRONT APPROACH FRONT APPROACH PULL SIDE PUSH SIDE PUSH SIDE *door provided with both closer & latch \ MIN FRONT APPROACH HINGE APPROACH HINGE APPROACH PUSH SIDE (EXISTING BUILDING) PULL SIDE *door provided with both closer & latch HINGE APPROACH HINGE APPROACH LATCH APPROACH PUSH SIDE PUSH SIDE PULL SIDE *door provided with both closer & latch LATCH APPROACH LATCH APPROACH LATCH APPROACH PULL SIDE PUSH SIDE PUSH SIDE *door provided with both *door provided with both closer & latch closer & latch FIG. 404.2.3.2 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS & GATES STOP OR LATCH FRONT FRONT POCKET OR HINGE APPROACH APPROACH APPROACH APPROACH (EXISTING BUILDING) FIG. 404.2.3.3 SLIDING DOORS, GATES, AND FOLDING DOORS FRONT FRONT SIDE APPROACH APPROACH APPROACH (EXISTING BUILDING) FIG. 404.2.3.4 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS PULL SIDE PUSH SIDE PUSH SIDE *door provided with both closer & latch PULL SIDE PUSH SIDE PUSH SIDE (EXISTING BUILDING) (EXISTING BUILDING) (EXISTING BUILDING) *door provided with both closer & latch FIG. 404.2.3.5 MANEUVERING CLEARANCES AT RECESSED DOORS & GATES

48" MIN

FIG. 404.2.5 DOORS IN SERIES AND GATES IN SERIES

(EXISTING BUILDING)

(EXISTING BUILDING)

GENERAL DEMOLITION NOTES:

- A. ALL AREAS DESIGNATED BY DASHED LINES ARE TO BE REMOVED. THE CONTRACTOR SHALL VERIFY THESE CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK, COORD. ALL DEMOLITION W/ ELECTRICAL DWGS. TO CONFIRM EXTEND AND ACCOUNT FOR WORK NOT SHOWN ON PLANS
- ALL AREAS AND PARTITIONS NOT DASHED OR NOTED TO BE REMOVED SHALL REMAIN IN TACT. PATCH AND REPAIR EXISTING PARTITIONS AS REQUIRED AFTER DEMOLITION TO MATCH EXISTING OR IN ACCORDANCE WITH PROPOSED RENOVATIONS.
- PROVIDE INTERIOR AND EXTERIOR SHORING BRACING, OR OTHER SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF ELEMENTS TO BE DEMOLISHED AND ADJACENT EXISTING ELEMENTS TO REMAIN.
- PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN DEMOLITION AND INSTALLATION OF NEW CONSTRUCTION TO ENSURE THAT WATER LEAKAGE DOES NOT DAMAGE THE STRUCTURE.
- LOCATE AND IDENTIFY EXISTING UTILITIES, INCLUDING SANITARY SEWER SYSTEM, AND ASCERTAIN THEIR CONDITION TO ENSURE ADEQUATE PERFORMANCE OF ALL UTILITIES IN NEW CONSTRUCTION. PROTECT UTILITY LINES AND HARDWARE DURING DEMOLITION AND CONSTRUCTION PHASES.
- DEMOLISH CONCRETE AND MASONRY WALLS IN SMALL SECTIONS. CUT CONCRETE AND MASONRY AT JUNCTURES WITH OTHER ELEMENTS TO REMAIN BY USING POWER-DRIVEN MASONRY SAW OR HAND TOOLS. DO NOT USE POWER-DRIVEN IMPACT
- DISPERSE DEMOLITION EQUIPMENT THROUGHOUT STRUCTURE AND PROMPTLY REMOVE DEBRIS TO AVOID IMPOSING EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
- GENERAL CONTRACTOR IS RESPONSIBLE TO REMOVE FROM BUILDING SITE DEBRIS, TRASH, AND OTHER DISCARDED MATERIALS AND/OR EQUIPMENT RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OFF SITE.
- IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, COMPLY WITH APPLICABLE REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION.
- BURNING OF REMOVED MATERIALS IS NOT PERMITTED ON THE PROJECT SITE.
- COORDINATE ALL DEMOLITION WITH OWNER AND OTHER TRADES. CONFIRM THE EXTENT, TIMING, AND ITEMS TO BE SALVAGED WITH OWNER. CONTRACTOR SHALL SCHEDULE WORK, SO AS NOT TO UNDULY INTERFERE WITH OWNER'S OPERATIONS.
- ALL EXISTING WINDOWS ARE TO REMAIN U.N.O.

LEGEND & NOTES

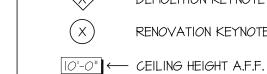
LEGEND: EXISTING WALL TO REMAIN

EXISTING WALL TO BE REMOVED





DEMOLITION KEYNOTE RENOVATION KEYNOTE



GENERAL NOTES:

- ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS.
- 2. NOTED DIMENSIONS TAKE PRECEDENT OVER
- THE PROJECT ARCHITECT SHALL BE NOTIFIED SHOULD ANY DISCREPANCY OR QUESTIONS ARISE PERTAINING TO THESE DRAWINGS. NO CHANGE SHALL BE MADE WITHOUT REVIEW BY THE ARCHITECT.
- NOTES ON DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE REPEATED OR NOT.

DEMOLITION KEYNOTES:



REMOVE EXIST. STOREFRONT GLAZING & ALUM. PANEL SYSTEM IN ITS ENTIRETY. RESTORE AND REPAIR EXIST. PRE-CAST STONE AS REQ'D.

- REMOVE ENTIRE EXIST. RAMP ENCLOSURE IN IT'S ENTIRETY. INCLUDING STRUCTURAL POSTS, CEILING, FRAMING, ROOF SYSTEM, GUTTER, TRIM, ETC. IN THEIR ENTIRETY. REPAIR & RESTORE EXIST. EXTERIOR MASONRY BRICK WALL AS REQ'D.
- REMOVE EXIST. HANDRAIL ATTACHED TO / RAMP ENCLOSURE POSTS IN ITS ENTIRETY
- CUT AND REMOVE PORTION OF EXIST. DOWNSPOUT & BOOT IN THEIR ENTIRETY COORD. W/ RENOVATION PLAN FOR DOWNSPOUT REDIRECTION. PATCH AND REPAIR BRICK VENEER AS REQ'D.
- CUT AND REMOVE PORTION OF EXIST. GUARDRAIL SYSTEM IN ITS ENTIRETY. RESTORE AND REPAIR EXIST. PRE-CAST STONE AS REQ'D.
- REMOVE EXIST. SIDEWALK AND SLOPED SIDEWALK IN ITS ENTIRETY. PREPARE SUB GRADE TO RECEIVE NEW FLOOR SLAB. COORD. W/ RENOVATION PLANS.
- EXIST. METAL ACCESS LID TO REMAIN IN ITS ENTIRETY. SCRAPE AND CLEAN THE LID AND RESTORE TO A CLEAN FINISH
- EXIST. BRICK PAVERS SHALL BE PROTECTED AND REPAIRED AS REQ'D DURING CONSTRUCTION. PRESERVE OR RESTORE THEIR INTEGRITY AND FINISH TO THEIR ORIGINAL CONDITION POST DEMOLITION & RENOVATION
- PREP EXIST. CONC. SIDEWALK TO RECEIVE NEW BOLLARD.
- CAREFULLY CUT AND REMOVE PORTION OF EXIST. WOOD ENTABLATURE BACK TO EXIST. MASONRY BRICK WALL. REPAIR AND RESTORE ALL NEWLY EXPOSED BRICK. SCRAP AND SAND REMAINING WOOD ENTABLATURE FOR NEW PAINT FINISH, COORD, W ELEVATION 3/DII-I FOR FURTHER DEMOLITION EXTENT.
- EXIST. STEEL GATE DOOR AND ASSOC. HARDWARE TO REMAIN IN ITS ENTIRETY. WASH AND PAINT ENTIRE DOOR.
- REMOVE PORTION OF EXIST. BRICK PAVERS IN THEIR ENTIRETY. PREP AREA FOR NEW MASONRY STEP. COORD. W/ RENOVATION
- REMOVE PORTION OF EXISTING ASPHALT PARKING LOT PAVEMENT IN ITS ENTIRETY. PREP AREA TO RECEIVE NEW WORK.
- EXIST. FIBERGLASS COLUMN TO REMAIN IN THEIR ENTIRETY.
- (DI5) EXIST. HANDRAIL TO REMAIN IN ITS ENTIRETY.
- EXIST. MASONRY STEPS AND ASSOC. (DI6) MASONRY PAVING, HAND/GUARD RAIL & CAST STONE TREADS TO REMAIN IN THEIR ENTIRETY.
- EXIST. MASONRY CAST STONE TREADS TO (DIT) REMAIN IN THEIR ENTIRETY. PATCH AND REPAIR ALL HOLES AS REQUIRED TO RESTORE MASONRY DUE TO THE REMOVAL OF RAMP ENCLOSURE.
- EXIST. EXTERIOR ACCESS PANEL TO REMAIN IN ITS ENTIRETY.
- AREA HATCHED GRAY TO BE THOROUGHLY SURVEYED PRIOR TO DEMO / EXCAVATION FOR EXISTING UTILITIES UNDERNEATH EXISTING SIDEWALK & GRADE. REPORT FINDINGS IF ANY TO PROJECT ARCHITECT.
- REMOVE PORTION OF EXISTING 5" LIMESTONE CAP AS REQUIRED FOR NEW WORK. SEE STRUCTURAL DRAWINGS FOR EXTENT.
- CAREFULLY REMOVE PORTION OF EXIST. BRICK & CMU MASONRY IN ITS ENTIRITY REMOVAL OF MASONRY TO BE IN WHOLE BY COURSING PATTERN. PREP OPENING FOR NEW MASONRY INFILL AND STRUCTURAL FRAMING. (COORD. W/ STRUCT. DWGS.)

PAINT FINISH LEGEND

U.N.O. COLORS SHALL BE AS SELECTED BY THE ARCHITECT DURING SHOP DWG. REVIEW PROCESS SHERMAN WILLIAMS TYP. (SEE NEW WORK DWGS.)

TRIM & STEEL COLUMN PAINT PT-I MFR: SHERWIN WILLIAMS

CEILING, LIGHTING & HVAC

COLOR: SW 7005 PURE WHITE PT-2 MFR: SHERWIN WILLIAMS COLOR: SW 6470 WATERSCAPE

SHALL BE PT-2. SEE ABOVE PAINT SCHEDULE.

MTL STUDS @ 24" O.C.

LED DOWN LIGHT

(SEE ELEC. DWGS.)

(SEE ELEC. DWGS.)

(SEE ELEC. DWGS.)

GENERAL NOTES

RESTORE ALL DISTURBED PAVEMENT AND

GRASS AREA TO THEIR PRE-CONSTRUCTION

CONDITION. TOPSOIL, SEED, AND MULCH ALL

CONSTRUCTION.

DISTURBED AREAS IMMEDIATELY FOLLOWING

THE CONTRACTOR SHALL MAKE EVERY EFFORT

TO PROTECT ALL EXISTING TREES AND SITE

NEGLIGENCE, THE CONTRACTOR SHALL BEAR

THE COST AND RESPONSIBILITY FOR REPAIR

VERIFYING BOTH HORIZONTAL AND VERTICAL

COMMENCEMENT OF WORK. MISS UTILITY SHALL

BE NOTIFIED (3) THREE WORKING DAYS PRIOR

ON-SITE VERIFICATION OF ALL DIMENSIONS AN

CONDITIONS SHALL BE THE RESPONSIBILITY OF

LOCATIONS OF UTILITIES PRIOR TO

TO EXCAVATION AT I-800-282-8555.

5. NOTED DIMENSIONS TAKE PRECEDENT OVER

6. THE PROJECT ARCHITECT SHALL BE NOTIFIED

SHOULD ANY DISCREPANCY OR QUESTIONS

ARISE PERTAINING TO THESE DRAWINGS. NO

CHANGE SHALL BE MAKE WITHOUT REVIEW BY

ALL CONTRACTORS SHALL VISIT THE SITE AND

8. ALL WORK SHALL BE PERFORMED IN A GOOD

WORKMANLIKE MANNER CONTRACTORS TO

SITE BROOM SWEPT AT THE END OF EACH

CONTRACTORS SUBMITTING A BID WITH A

PROJECT SUBSTITUTION SHALL BE REQUIRED 1

SUBMIT MANUFACTURER'S PRODUCT DATA AND

PRIOR TO SUBMITTING A BID FOR APPROVAL

GUARANTEED FOR A PERIOD OF TWO (2) YEARS

AFTER DATE OF OWNER'S ACCEPTANCE AND

NOTES ON DRAWINGS SHALL APPLY TO ALL

SIMILAR CONDITIONS WHETHER THEY ARE

12. CONTRACTOR IS RESPONSIBLE FOR ANY HOT

13. CONTRACTOR IS RESPONSIBLE TO CALL "MISS

MIX DAMAGE TO BE REPAIRED PER DEL DOT

UTILITY 811 BEFORE ANY AND ALL EXCAVATION

SAMPLES (WHERE APPROPRIATE) IO DAYS

IO. ALL WORK AND MATERIALS SHALL BE

REMOVE THEIR DEBRIS AND LEAVE THE JOB

BECOME FAMILIAR WITH EXISTING CONDITIONS

THE CONTRACTORS.

THE ARCHITECT.

WORKING DAY.

OF THE SUBSTITUTION.

FINAL COMPLETION.

REPEATED OR NOT.

STANDARDS

BEFORE SUBMITTING BIDS.

SCALE.

AND/OR REPLACEMENT OF THE DAMAGED

FEATURES, SHOULD ANY TREES, FENCES, OR

OTHER SITE FEATURES BE DAMAGED OR

DESTROYED DUE TO THE CONTRACTOR'S

EXTERIOR DOWNLIGHT

MOUNTED CEILING FAN

6" MTL. LINER SOFFIT PANEL ON 2"

6" PERFORATED MTL. LINER SOFFIT

PANEL ON 2" MTL STUDS @ 24" O.C

LEGEND:

RENOVATION KEYNOTE I. U.N.O. ALL TRIM, COLUMN COVERS, MOLDINGS, EXT. TO BE PRIMED & PAINTED. COLOR SHALL BE 10'-0" ← CEILING HEIGHT A.F.F. PT-I. SEE ABOVE PAINT SCHEDULE. 2. METAL CEILING LINER TYPE A & TYPE B: COLOR

THE CONTRACTORS.

GENERAL NOTES: ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF

LEGEND & NOTES

EXISTING WALL TO REMAIN

EXISTING WALL TO BE REMOVED

DEMOLITION KEYNOTE

NOTED DIMENSIONS TAKE PRECEDENT OVER

THE PROJECT ARCHITECT SHALL BE NOTIFIED SHOULD ANY DISCREPANCY OR QUESTIONS ARISE PERTAINING TO THESE DRAWINGS. NO CHANGE SHALL BE MADE WITHOUT REVIEW BY THE ARCHITECT.

NOTES ON DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE REPEATED OR NOT.

RENOVATION KEYNOTES:

- NEW 4" WIRE REINFORCED CONCRETE SIDEWALK. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.
- NEW 4" WIRE REINFORCED CONCRETE SIDEWALK. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4. NEW 4" WIRE REINFORCED CONCRETE
- SIDEWALK DETAILS ON SHEET A30-4. NEW WET-LAID BRICK PAVING SYSTEM. BRICK

SIDEWALK SLOPED FLARE. SEE TYPICAL

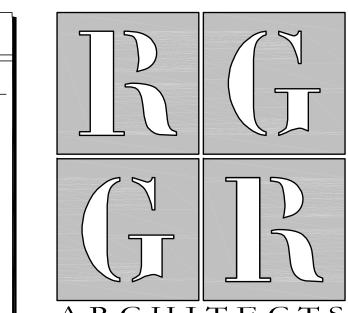
EDGE OF HAND RAIL CORNER, PREP AND

- COLOR & PATTERN TO MATCH EXISTING. SAND AND GRIND SMOOTH EXPOSED CUT
- FINISH EDGE TO MATCH EXISTING. EXIST. HANDRAIL TO REMAIN. CLEAN AND FINISH HANDRAIL, POSTS AND BALUSTERS TO
- MATCH EXISTING. PRIME & PAINT. NEW IRON HANDRAIL SYSTEM TO MATCH EXISTING, EMBEDDED INTO EXISTING PRECAST STONE EDGE. PATCH EXISTING HOLES W/ NEW MORTAR TO MATCH AS REQ'D.
- NEW TRADITIONAL STYLE HEAVY DUTY 42" H STANCHION POSTS W/ BALL TOP (IN BLACK 3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALUMINUM) WITH CAST IRON DOME BASE AND HEAVY DUTY TWISTED POLYPROPYLENE ROPES (BLACK).
 - EXIST. METAL ACCESS LID TO BE SCRAPED AND CLEANED. PRIMED & PAINTED.
 - NEW CAST STONE TREAD & RISER TO MATCH EXISTING EXTERIOR STEPS. SEE 3/A30-4 FOR DETAILS.
 - NEW 10' TALL FIBERGLASS ROUND TAPERED COLUMN COVER, WITH DORIC CAP & TUSCAN BASE. ENTIRE COLUMN COVER TO BE PRIMED
 - NEW METAL SEAM ROOF SYSTEM. COORD. W/ PLANS, ELEVATIONS & SECTIONS.
 - NEW 5" 20 GA. CONT. ALUM. BEVELED BOX GUTTER W/ GUTTER HANGERS @ 24" O.C. FINISH TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF STANDARD COLORS.
 - NEW 3"X4" 20 GA. ALUM. DOWNSPOUT FINISH TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF STANDARD COLORS.
 - NEW CONC. SPLASH BLOCK. SEE DETAIL
 - DOWNSPOUT OVER NEW STANDING METAL SEAM ROOF. SIZE MATERIAL & FINISH TO MATCH EXIST. DOWNSPOUT V.I.F. NEW SOLID CELLIJLAR PVC CROWN & TRIM

NEW DOWNSPOUT ELBOW TO REDIRECT EXIST.

SHALL BE CLEANED, PREPPED AND PAINTED

- PRIMED & PAINTED. SEE SHEETS A30'S FOR ENTABLATURE CONSTRUCTION DETAILS. EXIST. STEEL GATE DOOR TO REMAIN AND
- TO MATCH EXISTING. NEW 36" HIGH AND 6 1" DIA. EMBEDDED STEEL BOLLARD POWDER COATED (BLACK) (SEE
- DETAIL ON 3/A30-5) NEW DETECTABLE WARNING TRUNCATED DOME SURFACE, SLOPED AS REQ'D. SEE DETAIL
- 5/A30-4 FOR DETAILS AND REQUIREMENTS.
- NEW CEILING FAN. SEE ELEC. DWGS. NEW MTL. LINER SOFFIT PANEL CEILING SYSTEM. SEE SHEET A30'S FOR ADDITIONAL
- DETAILS AND CEILING CONSTRUCTION. (23) NEW STEEL POSTS, SEE STRUCTURAL DWGS.
- NEW LIGHT FIXTURE, SEE LIGHT FIXTURE LEGEND FOR TYPE AND ELEC. DWGS
- EXIST. FIBERGLASS COLUMN TO REMAIN. CLEAN, PREP AND PAINT FULL HEIGHT TO MATCH EXISTING.
- (26) EXIST. BRICK PAVERS SHALL BE PROTECTED AND REPAIRED AS REQ'D DURING CONSTRUCTION. PRESERVE OR RESTORE THEIR INTEGRITY AND FINISH TO THEIR ORIGINAL CONDITION POST DEMOLITION & RENOVATION
- (27) NEW METAL SEAM ROOF SNOW GUARD SYSTEM
- (28) NEW METAL SEAM ROOF RIDGE CAP.
- (29) EXISTING BRICK/CMU WALL TO REMAIN.
- NEW SOLID CELLULAR PVC TRIM BOARD FOR TRIM TERMINATION AGAINST EXIST. WALL.
- NEW 12x12 ROOF TOP VENTILATOR AND CURB. (SEE MECH. DWGS.)



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DELAWARE CODE, TITLE 29, §10002 (1)(17)(a)(2) AND (3).

11 APRIL 2025

SUSSEX COUNTY **COURTHOUSE -**JUROR ENTRANCE **ENCLOSURE**

> 1 The Circle. Georgetown, DE 19947

> > JAR

8 APRIL 2025

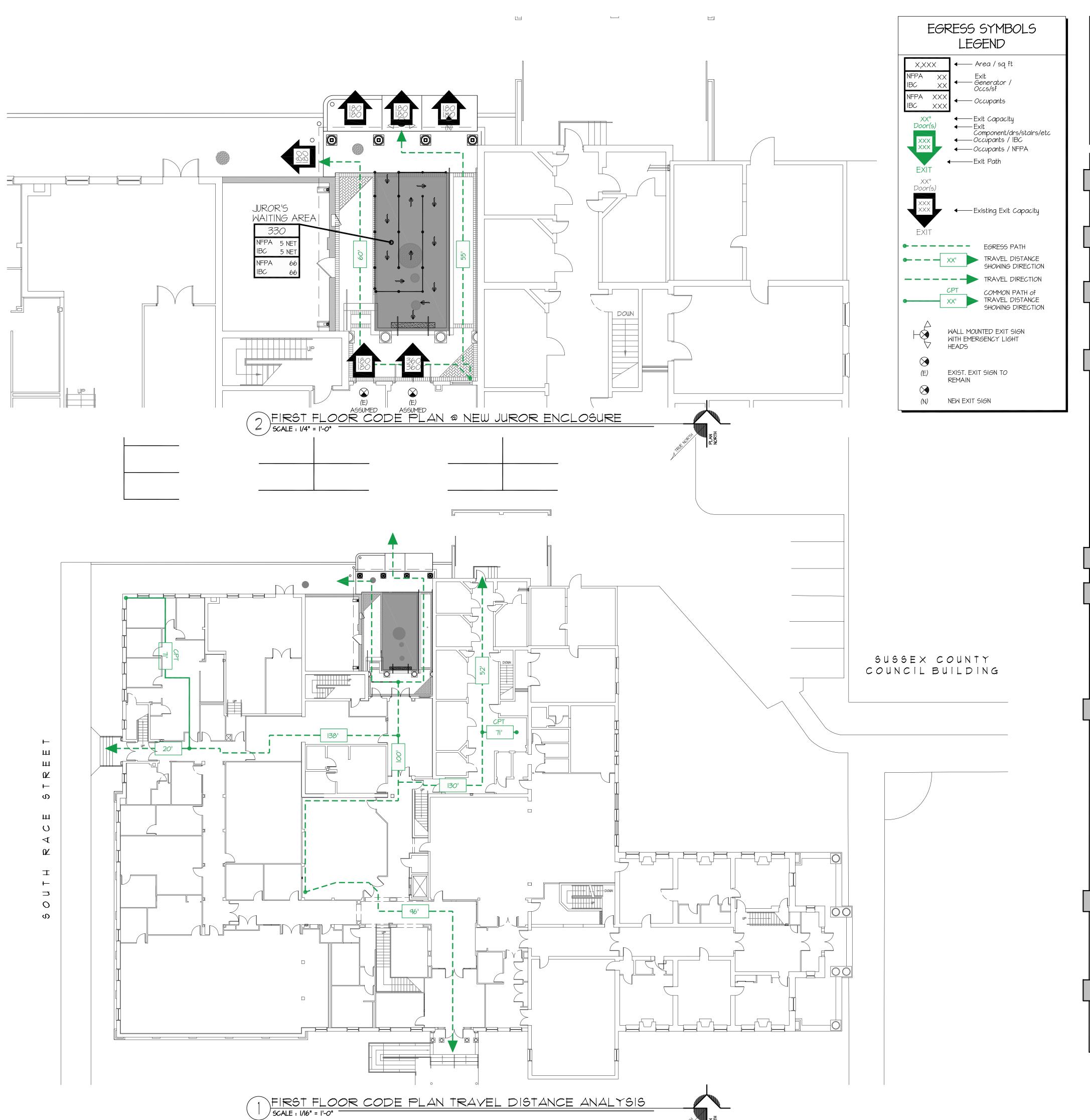
MC0201000028A

SHEET INFO

PROJECT NO: 22056 DRAWN BY: CHECKED BY GDR/NSG AS NOTED SCALE:

DATE:

ABBREVIATIONS



GENERAL INFORMATION

CODE REVIEW BASE DATA AND COMMENTS ARE AS FOLLOWS:

PRIMARY CODES:

- IBC 2021 (INTERNATIONAL BUILDING CODE) • IECC 2021 (INTERNATIONAL ENERGY CONSERVATION CODE)
- NEC 2020 (NATIONAL ELECTRICAL CODE)
- NFPA IOI LIFE SAFETY CODE, 2021 EDITION
- DE STATE FIRE PREVENTION REG'S, DECEMBER, 2021 2017 ANSI 117.1

PROJECT DESCRIPTION:

IBC SECTION 601, TABLE 601

TOTAL OCCUPANTS

PROJECT ENTAILS THE ARCHITECTURAL, STRUCTURAL & ELECTRICAL SERVICES IN THE DESIGN OF A NEW EXTERIOR ENCLOSURE FOR THE SERVICE OF WAITING JURORS TO THE EXISTING COURTHOUSE. THE ENCLOSURE PROVIDES PASSIVE VENTILATION, LIGHTING AND SPACE FOR USER CONFORMABILITY.

NFPA 101 - 2021 IBC - 2021 OCCUPANCY CLASSIFICATION OCCUPANCY: ASSEMBLY (NEW) IOI LSC - NEW ASSEMBLY OCCUPANCIES, CHPTR 12 IBC - USE GROUP A-2 CONSTRUCTION TYPE CLASSIFICATION IBC - Section 602.1 - 602.5

(ENCLOSURE) NEW TYPE II-B (000) (ENCLOSURE) NEW TYPE II-B (FULLY SPLRD) (COURTHOUSE) EXIST. TYPE II (OOO) *ASSUMED* (COURTHOUSE) EXIST. TYPE II-B *ASSUMED* (FULLY SPLRD)

HEIGHT & AREA LIMITATIONS - (ADDITION ONLY) <u>IBC</u> - TABLE 504.4 NFPA 5000 - TABLE 7.4.1 - (NO CHANGE TO EXISTING) HEIGHT AREA <u>GROUP Allowable Actual Allowable Actual</u> Occupancy Allowable Actual Allowable Actual A-2 3 Stories | Stories 38,000' 820 Assembly(300 2 Stories | Stories 8,500' 820

FIRE RESISTANCE RATINGS - CONSTRUCTION TYPE LIMITATIONS

FIRE RESIST. RATING REQMTS FOR BLDG ELEMENTS (HOURS) ALL CONSTRUCTION ELEMENTS FIRE RESIST. RATING REQUIREMENTS OF BUILDING TYPE II-B (000) HAVE (0) HOURS. BUILDING ELEMENT ALL CONSTRUCTION ELEMENTS SHALL BE OF A PRIMARY STRUCTURAL FRAME NON-COMBUSTIBLE NATURE UNLESS PERMITTED BY CODE. BEARING WALLS EXTERIOR INTERIOR NON-BEARING WALLS AND SEE TABLE 705.5 PARTITIONS - EXTERIOR NON-BEARING WALLS AND PARTITIONS - INTERIOR FLOOR CONSTRUCTION AND ASSOC. SECOND. MEMBER ROOF CONSTRUCTION AND ASSOC. SECOND. MEMBER

NFPA 5000 - ASSEMBLY OCCUPANCIES CHPTR 16 16.1.6.1:CONSTRUCTION SHALL BE IN ACCORDANCE WITH CHAPTERS 7-8,13-14,31 AND 35-40, EXPECT OTHERWISE MODIFIED BY 16.1.6.2.

16.1.6.2: THE LOCATION OF AN ASSEMBLY OCCUPANCY SHALL BE LIMITED TO ACCORDANCE WITH CHPTR OR TABLEI6.I.6.2, WHICHEVER IS MORE STRINGENT.

NFPA IOI - NEW ASSEMBLY OCCUPANCIES, CHPTR 12 2.1.6 MINIMUM CONSTRUCTION REQUIREMENTS: ASSEMBLY OCCUPANCIES SHALL BE LIMITED TO THE BUILDING CONSTRUCTION SPECIFIED IN TABLE 12.1.6, BASED ON THE NUMBER OF STORIES IN HEIGHT AS DEFINED IN 4.6.3, UNLESS OTHERWISE PERMITTED BY THE FOLLOWING (SEE 8.2.1):...

66

REQUIRED SEPARATIONS OF OCCUPANCIES

NOT APPLICABLE (NO CHANGE TO BUILDING) NOT APPLICABLE (NO CHANGE TO BUILDING)

TOTAL OCCUPANT LOAD CALCULATIONS

EXISTING BUILDING: EXISTING BUILDING: NO CHANGE TO EXISTING BUILDING OCCUPANCY LOAD NO CHANGE TO EXISTING BUILDING OCCUPANCY LOAD NEW COVERED WAITING AREA: NEW COVERED WAITING AREA: TABLE 1004.5 TABLE 7.3.1.2 AREA Occ Load Total AREA Occ Load Total Function Function (sq. ft.) Factor Occupants (sq. ft.) Factor Occupants of Space of Space 100 JUROR'S WAITING 330 5 NET 100 JUROR'S WAITING 330 5 NET

MEANS OF EGRESS CRITERIA

TOTAL OCCUPANTS

Capacity Capacity NFPA IOI (7.3.3.I) IBC (1005.1) <u>Component</u> Component STAIRS STAIRS .3"/occupant .3"/occupant ALL OTHER .2"/occupant ALL OTHER .2"/occupant Travel Distance Travel Distance TRAVEL DISTANCE (sprinklered) TRAVEL DISTANCE (TABLE 1017.2) 250 feet (Sprinklered) 250 feet (12.2.6.2) B (Exist. Courthouse) 250 feet (Sprinklered) Business (Exist. Courthouse) 300 feet (13.2.6.3) DEAD-END CORRIDOR (sprinklered) DEAD-END CORRIDOR (1020.5) 20 feet (12.2.5.3) Does Not Apply Business (Exist. Courthouse) 20 feet (13.2.5.3) B (Exist. Courthouse) COMMON PATH OF TRAVEL (sprinklered) COMMON PATH OF TRAVEL (Table 1006.2.1) Assembly <50 OCC. 75 feet (12.2.5.2) Business (Exist. Courthouse) 100 feet (13.2.5.2.1) B (Exist. Courthouse)

MEANS OF EGRESS CAPACITY

BUILDING. * NEW EGRESS CAPACITY MAINTAINS COURTHOUSE EXISTING EGRESS CAPACITY AND PROVIDES ADDITIONAL EGRESS CAPACITY FOR ADDITIONAL 66 OCCUPANTS IN JUROR'S WAITING AREA.*

NO CHANGE TO EXISTING EGRESS CAPACITY @ EXISTING NO CHANGE TO EXISTING EGRESS CAPACITY @ EXISTING

> * NEW EGRESS CAPACITY MAINTAINS COURTHOUSE EXISTING EGRESS CAPACITY AND PROVIDES ADDITIONAL EGRESS CAPACITY FOR ADDITIONAL 66 OCCUPANTS IN JUROR'S WAITING AREA.*

EXIST. BUILDING CODE ANALYSIS

CLASSIFICATION OF WORK: ALTERATION LEVEL 2 (IEBC SECTION 603)

AREA OF WORK FALLS BELOW THEN 50% OF EXISTING BUILDING AREA

704.1- ALTERATIONS SHALL BE DONE IN A MANNER THAT MAINTAINS THE LEVEL OF PROTECTION PROVIDED FOR THE MEANS OF



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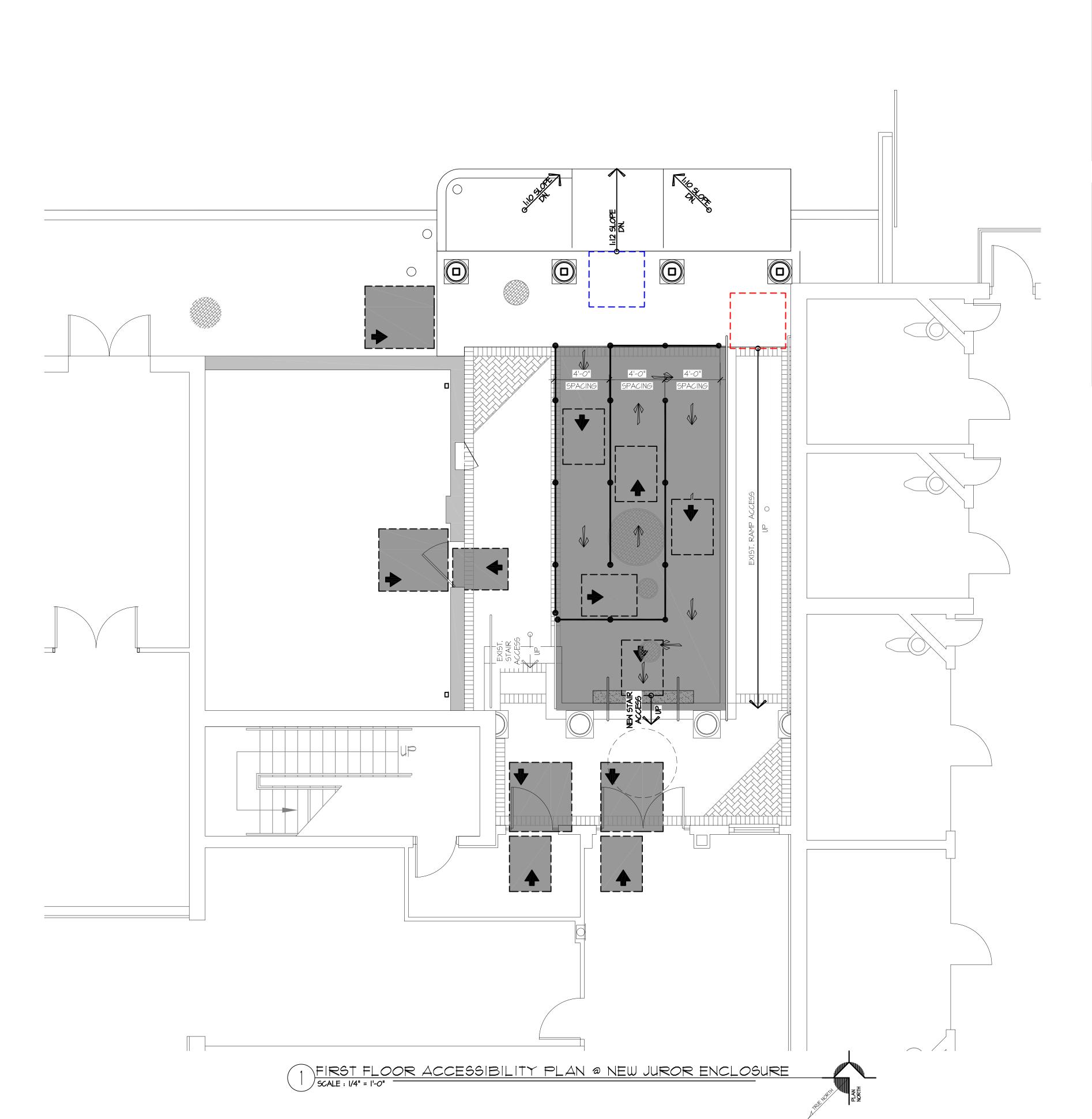
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SUSSEX COUNTY COURTHOUSE -JUROR ENTRANCE **ENCLOSURE** MC0201000028A

1 The Circle, Georgetown, DE 19947

PROJECT NO: JAR DRAWN BY: CHECKED BY: GDR/NSG SCALE: AS NOTED 8 APRIL 2025 DATE:

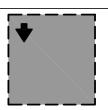


ADA ACCOMODATIONS

THE PROJECT IS DESIGNED IN ACCORDANCE WITH ACCESSIBILITY REQUIREMENTS OF IBC 202 AND ANSI 2017 A117.1

- ACCESSIBLE ENTRANCES AND EXITS ARE PROVIDED.
- EXISTING ACCESSIBILITY ACCESS & CLEARANCES WILL BE MAINTAINED.

LEGEND



MANEUVERING CLEARANCE & APPROACH DIRECTION SEE EXTENSIVE LIST ABOVE



2017 ANSI-AI17: 60" REQUIRED TURNING CLEARANCE



2017 ANSI-AII7: 48" x 48" REQUIRED CURB RAMP LANDING CLEARANCE



REMOVABLE QUEUING GUIDE RAILS, TYP.

ACCESSIBILITY GENERAL NOTES

2017 ANSI-AII7: 48" x 48" EXIST. RAMP CLEARANCE

GENERAL ACCESSIBILITY OF AREA:

-SCOPE OF NEW WORK IS DESIGNED TO MAINTAIN THE LEVEL OF ACCESSIBILITY THAT IS

-NO EXISTING ACCESSIBLE FEATURES SHALL BE REMOVED.

-NEW ADDITIONAL ACCESS IS DESIGNED FOR PERSONS OF JURY SERVICE .

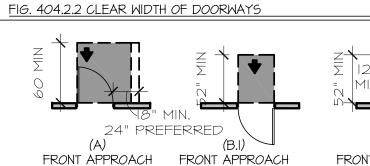
ACCESSIBILITY OF USERS:

- PERSONS OF JURY SERVICE WILL BE HELD IN THE "JUROR ENTRY PATIO" SPACE AND AWAIT FOR THE BUILDING TO OPEN TO COMMENCE JURY ACTIVITIES. PROVIDED WILL BE TWO MEANS OF ACCESS BY STAIR & RAMP TO THE COURTHOUSE DOORS.

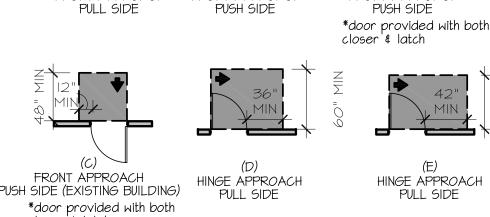
- JUDGE ACCESS WILL BE ADJACENT (LEFT) TO JURY PATIO, SEPARATE FROM PERSON OF JURY SERVICE. PROVIDED WILL BE EXISTING ACCESS BY STAIR TO THE COURTHOUSE DOORS.

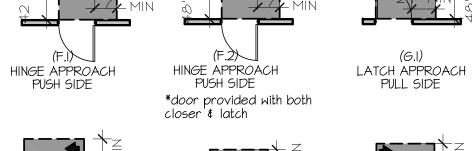


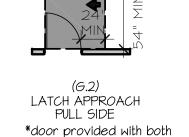
HINGED DOOR SLIDING DOOR FOLDING DOOR



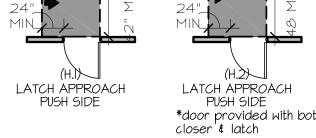




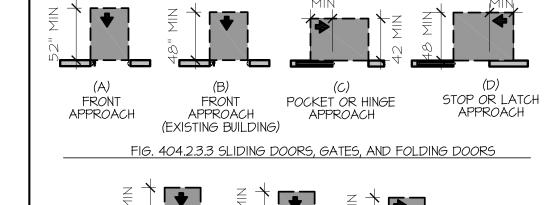




closer'& latch







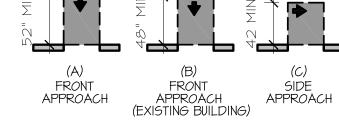
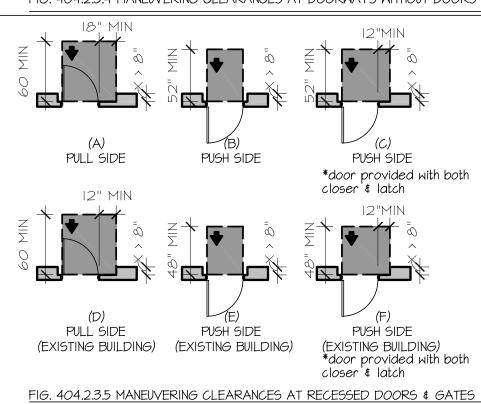


FIG. 404.2.3.4 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS



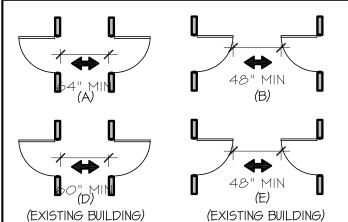
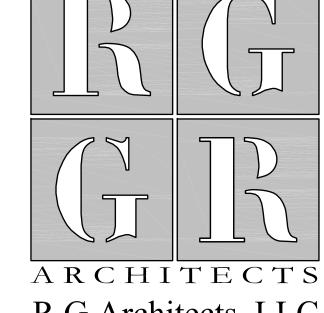


FIG. 404.2.5 DOORS IN SERIES AND GATES IN SERIES

(EXISTING BUILDING)



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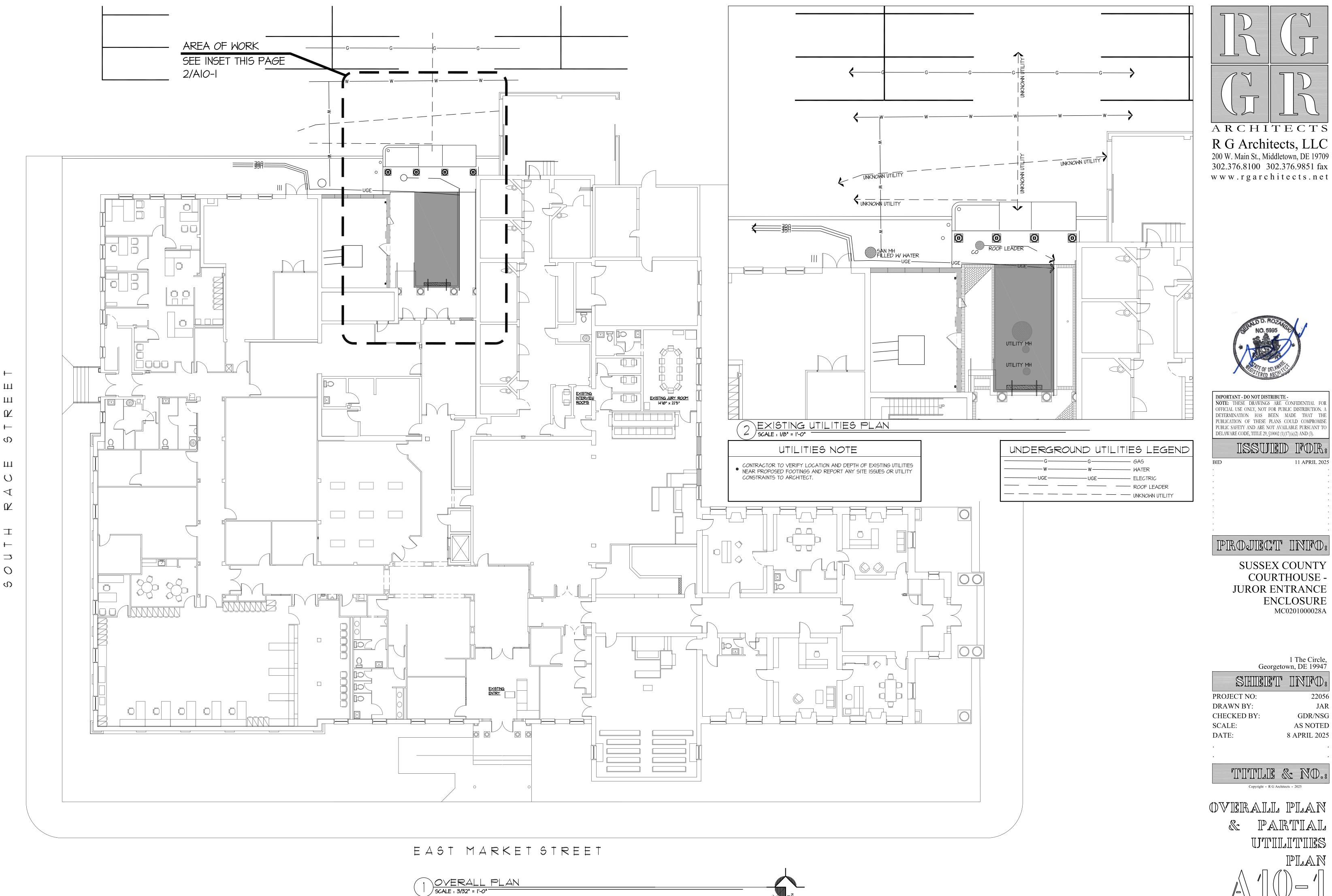
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PUBLIC SAFETY AND ARE NOT AVAILABLE PURSUANT TO DELAWARE CODE, TITLE 29, §10002 (1)(17)(a)(2) AND (3).

ISSUED FOR

SUSSEX COUNTY COURTHOUSE -JUROR ENTRANCE ENCLOSURE MC0201000028A

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PROJECT NO: DRAWN BY: JAR GDR/NSG CHECKED BY: AS NOTED 8 APRIL 2025

 $\mathbb{Z}_{\mathbb{Z}}$ DESIGN LOADS

1.BUILDING CODE: INTERNATIONAL BUILDING CODE (2021 EDITION)

2.DESIGN LIVE LOADS:

ROOF 30 PSF MIN. FL00R

3. SNOW LOADING IS BASED ON THE FOLLOWING. DRIFTING OR SLIDING SNOW LOADS HAVE BEEN CONSIDERED WHERE APPROPRIATE.

> GROUND SNOW LOAD 20 PSF PSF FLAT-ROOF SNOW LOAD (P+) SNOW EXPOSURE FACTOR (Ce) 1.0 SNOW LOAD IMPORTANCE FACTOR 1.0 SNOW THERMAL FACTOR (C_t) 1.0 55 PSF SNOW DRIFT SURCHARGE (Pd) WIDTH OF SNOW DRIFT (W) 7 FT

5. DESIGN WIND LOADS ARE BASED ON THE FOLLOWING:

ULTIMATE DESIGN WIND SPEED (Vult) NOMINAL DESIGN WIND SPEED (Vasa) 97 MPH RISK CATEGORY EXPOSURE CATEGORY BUILDING CATEGORY SIMPLE DIAPHRAGM,

LOW-RISE, PARTIALLY ENCLOSED RIGID STRUCTURE

EXISTING CONDITIONS

1. EXISTING CONDITIONS INDICATED ARE OBTAINED FROM AVAILABLE SOURCES (EXISTING DRAWINGS, FIELD SURVEYS, ETC.) AND ARE NOT GUARANTEED TO BE TRUE AND EXACT. CONTRACTOR(S) SHALL FIELD VERIFY EXISTING CONDITIONS AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.

2. SEE ARCH DRAWINGS FOR LIMITS OF DEMOLITION OF EXISTING CONSTRUCTION WHERE REQUIRED.

DEMOLITION NOTES

- 1. CONTRACTOR(S) ARE RESPONSIBLE FOR DOCUMENTING ALL DAMAGE TO THE EXISTING STRUCTURE. SUBMIT TO THE OWNER/ARCHITECT/ENGINEER PRIOR TO INITIATING ANY DEMOLITION WORK.
- 2. CONTRACTOR TO COORDINATE WITH OWNER, RELOCATION OF ELECTRICAL, MECHANICAL, PLUMBING AND UTILITIES PRIOR TO ANY DEMOLITION WORK.
- 3. PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION WORK. PROVIDE TEMPORARY CONSTRUCTION AS REQUIRED TO PROTECT SURROUNDING AREAS FROM DAMAGE.
- 4. PROTECT FROM DAMAGE EXISTING FINISH WORK THAT IS TO REMAIN IN PLACE AND BECOMES EXPOSED DURING DEMOLITION OPERATIONS
- 5. REMOVE PROTECTION AT COMPLETION OF WORK.
- 6. DAMAGES: PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION AT NO COST TO OWNER.
- 7. CEASE OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IF SAFETY OF STRUCTURE APPEARS TO BE ENDANGERED. TAKE PRECAUTIONS TO SUPPORT STRUCTURE UNTIL DETERMINATION IS MADE FOR CONTINUING OPERATIONS.
- 8. LOCATE, IDENTIFY, STUB OFF, AND DISCONNECT UTILITY SERVICES THAT ARE NOT INDICATED TO REMAIN. CONTACT APPROPRIATE UTILITIES FOR COMPLETE CUT OFF.
- 9. IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE BOTH NATURE AND EXTENT OF CONFLICT. SUBMIT REPORT TO OWNER'S REPRESENTATIVE IN WRITTEN, ACCURATE DETAIL. PENDING RECEIPT OF DIRECTIVE FROM OWNER'S REPRESENTATIVE, REARRANGE SELECTIVE DEMOLITION SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
- 10.DISPOSAL OF DEMOLISHED MATERIALS: REMOVE DEBRIS. RUBBISH. AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS FROM BUILDING SITE. TRANSPORT AND LEGALLY DISPOSE OFF-SITE. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS. COMPLY WITH APPLICABLE REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION. BURNING OF REMOVED MATERIALS IS NOT PERMITTED ON PROJECT SITE.
- 11.REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED. RETURN STRUCTURES AND SURFACES TO REMAIN TO CONDITION EXISTING PRIOR TO COMMENCEMENT OF SELECTIVE DEMOLITION WORK. REPAIR ADJACENT CONSTRUCTION OR SURFACES SOILED OR DAMAGED BY SELECTIVE DEMOLITION WORK.

<u>CONCRETE</u>

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 (LATEST EDITION)

2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE:

FOOTINGS: 3000 PSI PIERS: 4000 PSI

ALL CONC. TO BE NORMAL WEIGHT UNLESS NOTED OTHERWISE.

ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED (6 ±1)% PER ASTM C260.

MAXIMUM WATER/CEMENT RATIO = 0.50 FOR 3000 PSI CONC. 0.45 FOR 4000 PSI CONC.

SUBMIT MIX DESIGNS OF ALL CLASSES OF CONCRETE FOR ENGINEER'S REVIEW.

3. CONCRETE REINFORCING SHALL CONFORM TO THE FOLLOWING DESIGNATIONS: DEFORMED BARS ASTM A615, GRADE 60 DEFORMED BARS (WELDABLE) ASTM A706

4. LAP DEFORMED BARS 40 DIA., UNO. HOOKS SHALL BE STANDARD HOOKS, UNO. LAP WELDED WIRE FABRIC SUCH THAT THE OVERLAP OF THE OUTERMOST CROSS WIRES FOR EACH ADJOINING SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRES PLUS TWO IN., UNO.

5. CONCRETE PROTECTION FOR REINFORCEMENT (UNLESS NOTED OTHERWISE): CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: CONCRETE EXPOSED TO EARTH OR WEATHER: NO. 6 THROUGH NO. 18 BARS: NO. 5 BAR AND SMALLER: 1늘 IN.

- 6. WELDING OF REINFORCEMENT IS NOT PERMITTED UNLESS SPECIFICALLY INDICATED ON DRAWINGS. WELDING, WELDING ELECTRODES AND FLUXES SHALL CONFORM TO AWS D1.4-92, "STRUCTURAL WELDING CODE - REINFORCED STEEL". ELECTRODES SHALL HAVE A MINIMUM TENSILE STRENGTH OF 70 KSI. ASTM A706 BARS SHALL BE USED IN ALL WELDED APPLICATIONS.
- 1. COMPLETE SHOP DRAWINGS AND SCHEDULES OF ALL REINFORCING STEEL SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER FOR REVIEW.
- 8. REINFORCEMENT SHALL BE CONTINUOUS AROUND CORNERS AND AT INTER-SECTIONS. PROVIDE CLASS A TENSION LAP SPLICES FOR ALL HORIZONTAL WALL REINFORCING UNLESS OTHERWISE SHOWN ON PLAN. PROVIDE CLASS B TENSION LAP SPLICES FOR ALL HORIZONTAL GRADE BEAM REINFORCING.
- 9. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
- 10. PROVIDE GALVANIZED STEEL SLEEVES WHERE PIPES PASS THROUGH EXTERIOR CONCRETE WALLS, BEAMS OR SLABS. PROVIDE PVC SLEEVES WHERE PIPES PASS THROUGH INTERIOR CONCRETE WALLS, BEAM OR SLABS.
- 11. ANCHOR BOLTS SHALL CONFORM TO ASTM F1554, GRADE 36 UNLESS NOTED OTHERWISE.

FOUNDATION

- 1. PRESUMPTIVE BEARING CAPACITY: 1,500 PSF
- 2. CONTRACTOR SHALL RETAIN THE SERVICES OF A GEOTECHNICAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED, TO VERIFY THE SUITABILITY OF THE SUBGRADE FOR THE PROPOSED FOUNDATION SYSTEM & BUILDING.
- 3. FOUNDATION DESIGN IS BASED ON SHALLOW SPREAD FOOTINGS BEARING ON SUITABLE NATURAL SOILS AND/OR NEW COMPACTED STRUCTURAL FILL.
- 4. ALL ORGANIC MATERIALS, EXCESSIVELY SOFT OR LOOSE SOILS, TREES, ASPHALT, CONCRETE, DEBRIS AND OTHER DELETERIOUS MATERIALS SHOULD BE REMOVED WITHIN AND AT LEAST 5 FEET BEYOND THE BUILDING LIMIT. THE EXISTING ORGANIC SOIL SHOULD BE STRIPPED AND CAN BE STOCKPILED FOR REUSE IN LANDSCAPE AREAS. PROOF ROLL ALL SUBGRADES, UNDER THE OBSERVATION OF THE GEOTECHNICAL ENGINEER. UNSUITABLE AREAS SHALL BE REMOVED AND REPLACED AS DIRECTED BY THE GEOTECHNICAL ENGINEER. NO FILL FOR BUILDING SUPPORT SHALL BE PLACED UNTIL SUBGRADES AND FILL MATERIAL HAVE BEEN OBSERVED AND APPROVED BY THE GEOTECHNICAL ENGINEER.
- 5. AREAS REQUIRING UNDERCUT AND FILL MATERIAL DUE TO THE PRESENCE OF UNSUITABLE MATERIAL SHALL BE BACKFILLED TO THE DESIGN FOOTING SUBGRADE WITH NEW COMPACTED STRUCTURAL FILL.
- 6. COMPACTED STRUCTURAL FILL FOR BUILDING AND SLAB SUPPORT APPROVED FOR USE INCLUDE:
- GRANULAR SOILS INCLUDING GW, GP, GM, SW, SP AND SM CLASSIFIED IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM (USCS) FURTHERMORE, THE MATERIAL TO BE UTILIZED AS STRUCTURAL FILL SHOULD HAVE A PLASTICITY INDEX (PI) LESS THAN 20.
- A MATERIAL UTILIZED FOR STRUCTURAL FILL MUST BE APPROVED BY THE GEOTECHNICAL ENGINEER. IF THERE IS NOT SUFFICIENT FILL MATERIAL ON SITE, CONTRACTOR SHALL TRANSPORT APPROVED BORROW MATERIAL FROM AN OFF SITE SOURCE.
- 1. COMPACTED STRUCTURAL FILL BENEATH ALL FOUNDATIONS, SLABS ON GRADE AND ADJACENT TO FOUNDATION WALLS SHALL BE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN LOOSE THICKNESS AND BE COMPACTED TO 95 PERCENT OF MAXIMUM DRY DENSITY PER ASTM D-1557, MODIFIED PROCTOR TEST.
- 8. BACKFILL IMMEDIATELY BEHIND BASEMENT & FOUNDATION WALLS SHOULD BE CLEAN, GRANULAR MATERIAL CONTAINING LESS THAN TEN (10) PERCENT PASSING THE NO. 200 SIEVE (O.07MM). IN ADDITION, THE COMPACTION BEHIND THESE WALLS SHOULD BE NINETY-FIVE (95) PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557. EXCESSIVE COMPACTION MAY CAUSE DAMAGE TO THE WALLS. HAND OPERATED EQUIPMENT SHOULD BE USED FOR COMPACTION NEAR EXISTING AND NEW FOUNDATION WALLS.
- 9. THE EXCAVATION FOR PLACEMENT OF COMPACTED STRUCTURAL FILL SHOULD EXTEND BEYOND THE EDGE OF FOOTINGS A MINIMUM DISTANCE EQUAL TO THE DEPTH OF FILL.
- 10. EXTEND BOTTOM OF EXTERIOR FOOTINGS AT LEAST 2'-8" BELOW THE EXTERIOR FINISH GRADE FOR PROTECTION AGAINST FROST.
- 11. ALL SUBGRADES AND UNDERCUTS SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER. SOILS EXPOSED AT THE BASES OF ALL APPROVED FOUNDATION EXCAVATIONS SHOULD BE PROTECTED AGAINST ANY DETRIMENTAL CHANGE IN CONDITION, SUCH AS DISTURBANCE FROM RAIN OR FROST. SURFACE RUNOFF SHOULD BE DRAINED AWAY FROM THE EXCAVATIONS AND NOT BE ALLOWED TO POND. FOUNDATION EXCAVATIONS SHOULD BE PROTECTED FROM RAINFALL OR FREEZING CONDITIONS. SLOPE FOOTING EXCAVATIONS AS REQUIRED FOR STABILITY AND SAFETY OR PROVIDE SHEETING OR SHORING IN ACCORDANCE WITH OSHA REQUIREMENTS. IN THE EVENT THAT THE CONTRACTOR DETERMINES THAT SHEETING AND SHORING IS REQUIRED FOR EXCAVATION, THE CONTRACTOR SHALL RETAIN THE SERVICES OF A REGISTERED PROFESSIONAL STRUCTURAL ENGINEER FOR DESIGN AND DOCUMENTATION OF ALL SHEETING AND SHORING REQUIRED FOR THE WORK.

STRUCTURAL STEEL

- 1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" LATEST EDITION.
- 2. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS: STRUCTURAL STEEL WF SHAPES: ASTM A992 OTHER STRUCTURAL STEEL SHAPES: ASTM A36, U.N.O. STEEL BARS, ANGLES & PLATES: ASTM A36, U.N.O.
- 3. FIELD CONNECTIONS SHALL BE BOLTED USING 乳" DIAMETER ASTM A325N HIGH STRENGTH BOLTS.
- 4. PROVIDE A MINIMUM 3" THICK FULL DEPTH THRU-PLATE FOR ALL PIPE AND TUBE COLUMN CONNECTIONS.
- 5. ALL WELDING SHALL CONFORM TO AWS DI. 1-LATEST EDITION.
- 6. ALL ALUMINUM AND STEEL MEMBERS TO BE TREATED OR PROPERLY
- 7. SUBMIT ALL STEEL SHOP DRAWINGS FOR APPROVAL PRIOR TO
- 8. CONTRACTOR IS SOLELY RESPONSIBLE FOR SURVEYING AND VERIFICATION OF EXISTING CONDITIONS INCLUDING, BUT NOT LIMITED TO THE LOCATION, ELEVATION, AND DIMENSIONS
- 9. THERE SHALL BE NO FIELD CUTTING OF STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES WITHOUT THE PRIOR
- 10. FABRICATE BEAMS WITH THE NATURAL CAMBER UP.
- 11. ALL STEEL NOT RECEIVING FIREPROOFING SHALL BE PAINTED WITH THE FABRICATOR'S RUST INHIBITIVE PRIMER. ALL STEEL EXPOSED TO WEATHER SHALL BE PAINTED WITH RUST INHIBITIVE PRIMER AND TOP COATED OR HOT DIPPED GALVANIZED AS INDICATED ON THE DRAWINGS.

COLD FORMED STEEL TRUSSES

1. ROOF TRUSS MINIMUM DESIGN REQ'MTS:

- 4. MANUFACTURER IS RESPONSIBLE FOR DESIGN OF CF TRUSSES. ALL SHOP DRAWINGS TO BE SEALED BY DELAWARE PROFESSIONAL ENGINEER.

MOOD FRAMING

- 1. COMPLY WITH THE NATIONAL FOREST PRODUCTS ASSOCIATION (NFPA) "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" (LATEST EDITION).
- 2. WOOD FRAMING: #2 S-P-F OR BETTER
- 3. STRUCTURAL SHEATHING: GROUP 1 APA RATED SHEATHING, MINIMUM SPAN RATING OF 32/16, MINIMUM 4 PLY, EXPOSURE 1. USE 5/8" NOMINAL THICKNESS FOR ROOFS. USE PLYWOOD CLIPS AT ALL UNSUPPORTED BUTT JOINTS.

- ASTM A500, GRADE B SQUARE OR RECTANGULAR TUBING:
- ELECTRODES SHALL BE ETOXX.
- SEPARATED TO PREVENT GALVANIC AND CORROSIVE EFFECTS.
- ANY FABRICATION.
- OF EXISTING WALLS AND FRAMING.
- APPROVAL OF THE DESIGN PROFESSIONAL.

TOP CHORD LIVE LOAD 30 PSF (+ SNOW DRIFT) TOP CHORD DEAD LOAD 10 PSF BOTTOM CHORD LIVE LOAD O PSF 10 PSF BOTTOM CHORD DEAD LOAD MAX. TOTAL LOAD DEFLECTION: L/240 MAX. LIVE LOAD DEFLECTION: L/360

- 2. COLD FORMED TRUSS MANUFACTURER TO DESIGN AND PROVIDE PERMANENT TRUSS BRACING AND TRUSS HOLD DOWNS AS REQUIRED.
- 3. SUBMIT COLD FORMED STEEL TRUSS SHOP DRAWINGS FOR APPROVAL PRIOR TO ANY FABRICATION.

PROJECT NO: 22056 DRAWN BY: AJC CJM CHECKED BY

ARCHITECTS

R G Architects, LLC

200 W. Main St., Middletown, DE 19709

302.376.8100 302.376.9851 fax

www.rgarchitects.net

STRUCTURAL ENGINEERS

Haddon Heights, New Jersey

IMPORTANT - DO NOT DISTRIBUTE -

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PROJECTNIO:

SUSSEX COUNTY

JUROR ENTRANCE

COURTHOUSE -

ENCLOSURE

MC0201000028A

1 The Circle

Georgetown, DE 19947

DELAWARE CODE, TITLE 29, §10002 (1)(17)(a)(2) AND (3).

ancaster, Pennsylvania

Dover, Delaware

Newark, Delaware

BAKER. INGRAM

& ASSOCIATES

1050 South State Street

info@bakeringram.com bakeringram.com

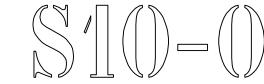
Dover. DE 19901

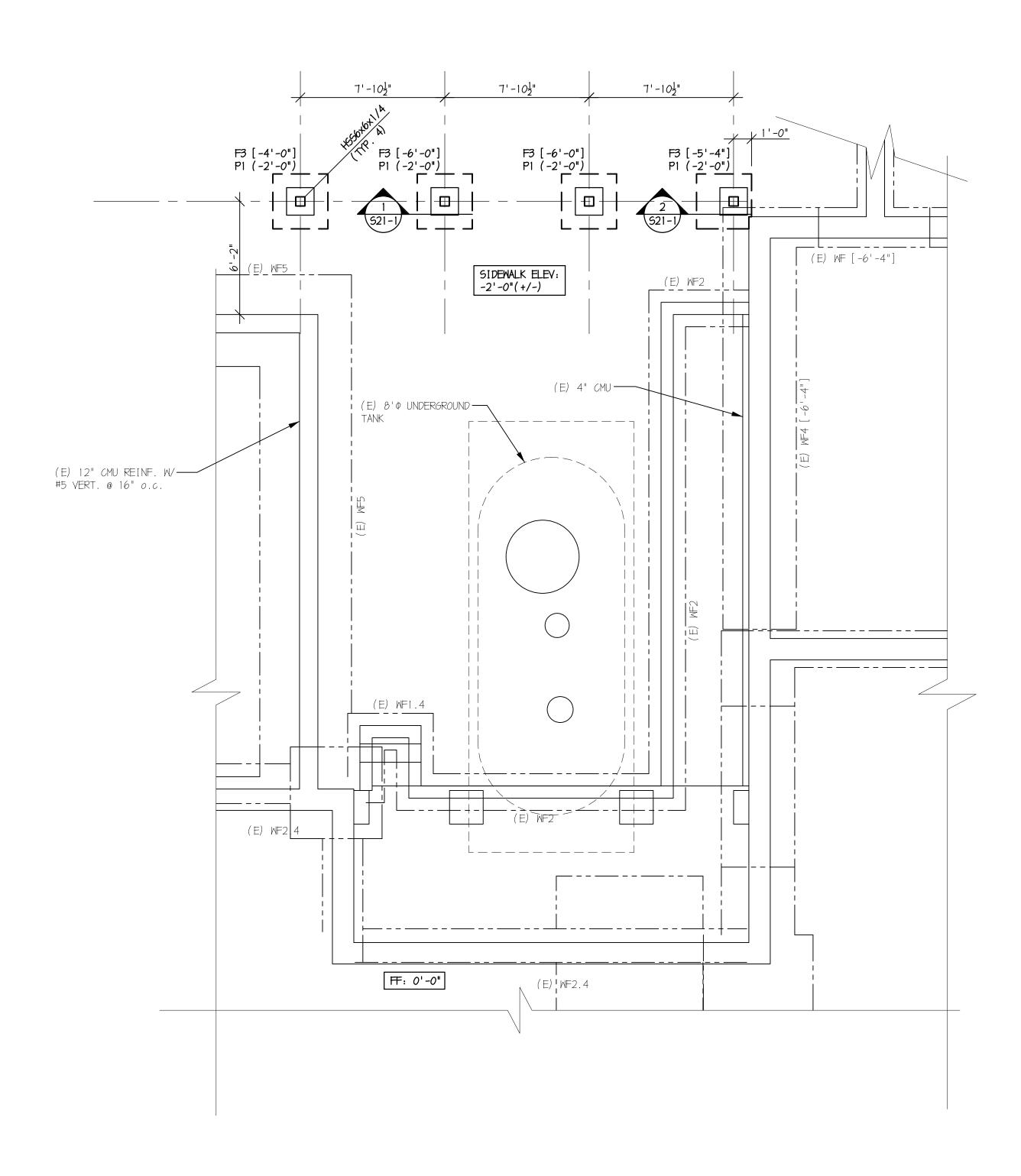
11 APRIL 2025

302.734.7400

SCALE: AS NOTED DATE: 8 APRIL 2025









TO CASTING FOOTING CONCRETE.

FOUNDATION NOTES:

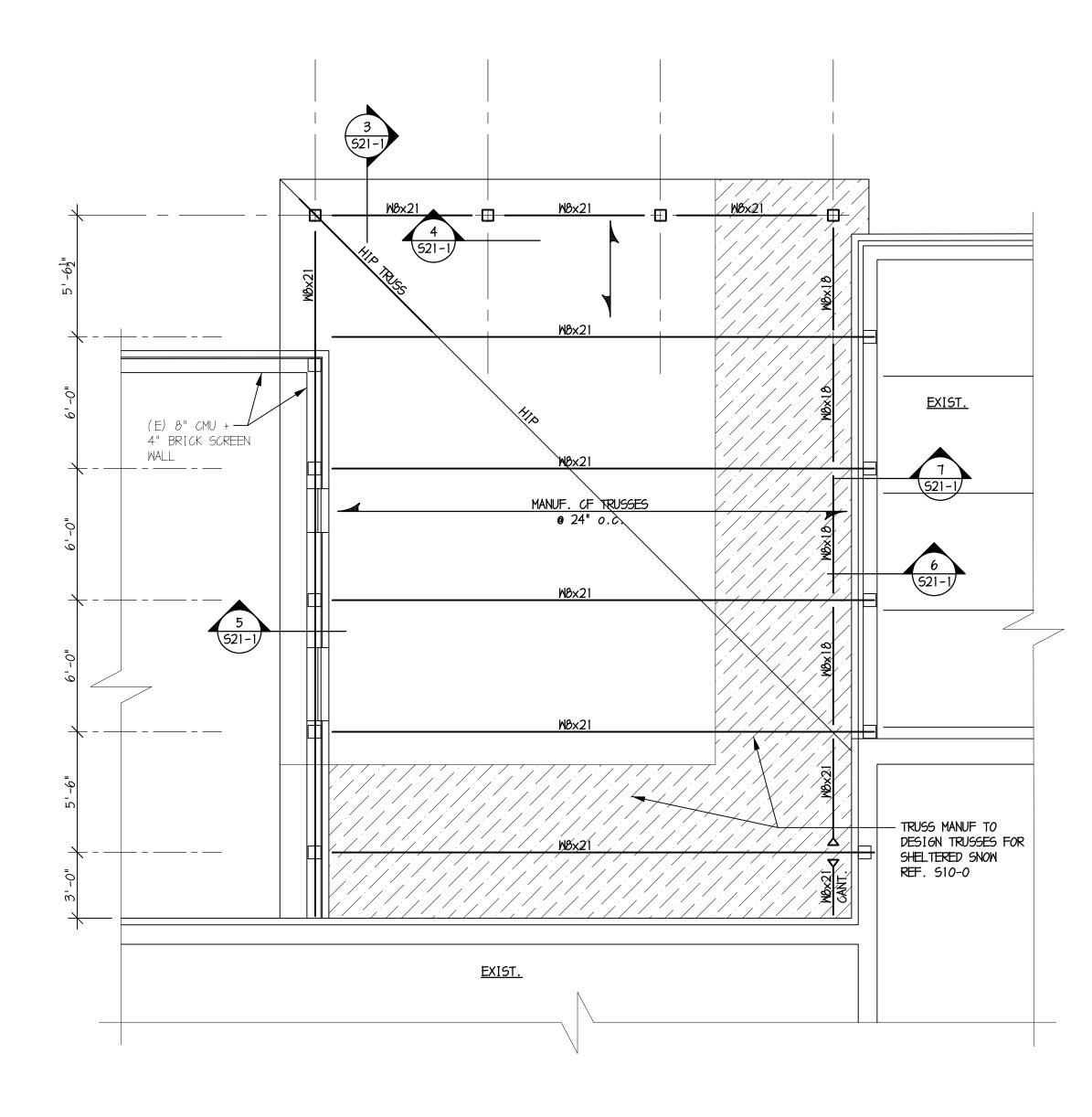
1. FIRST FLOOR REFERENCE ELEVATION = 0'-0" (54.78' +/- REF. SITE PLAN) 2. ELEVATIONS ARE NOTED FROM REF. EL. 0'-0" AS FOLLOWS:

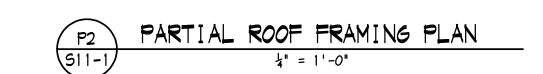
(#'-#") INDICATES TOP OF PIER - SEE PLAN DESIGNATED P#

[#'-#"] INDICATES TOP OF FOOTING - SEE PLAN DESIGNATED F#.#

3. REF. ARCH. DWGS. FOR DIMENSIONS NOT SHOWN. 4. REF. S21-1 FOR TYPICAL FOUNDATION DETAILS.

FOOTING SCHEDULE							
MARK	SIZE	THICK.	REINFORCING				
F3	3'-0" × 3'-0"	1'-0"	3 #5 E.W. BOTT.				
	_ WABLE SOIL BEARING		= 1500 PSF, TO BE CAL ENGINEER PRIOR				





ROOF NOTES:

1. PROVIDE & STRUCT. ROOF SHEATHING - REF. 8/521-1

2. REF. ARCH. DWGS. FOR DIMENSIONS NOT SHOWN.

3. REF. S21.1 FOR TYPICAL FRAMING DETAILS.

4. TRUSS BEARING ELEVATION: 10'-2" REF. ARCH.

5. ALL TRUSS TO TRUSS CONNECTIONS TO BE DESIGNED & PROVIDED BY TRUSS MANUFACTURER.

6. TRUSS LAYOUT IS SCHEMATIC. FINAL LAYOUT BY MANUFACTURER. SUBMIT TRUSS SHOP DRAWINGS FOR REVIEW PRIOR TO FABRICATION.



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11 APRIL 2025

PROJECT NPO:

SUSSEX COUNTY COURTHOUSE -JUROR ENTRANCE **ENCLOSURE** MC0201000028A

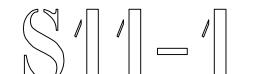
1 The Circle,

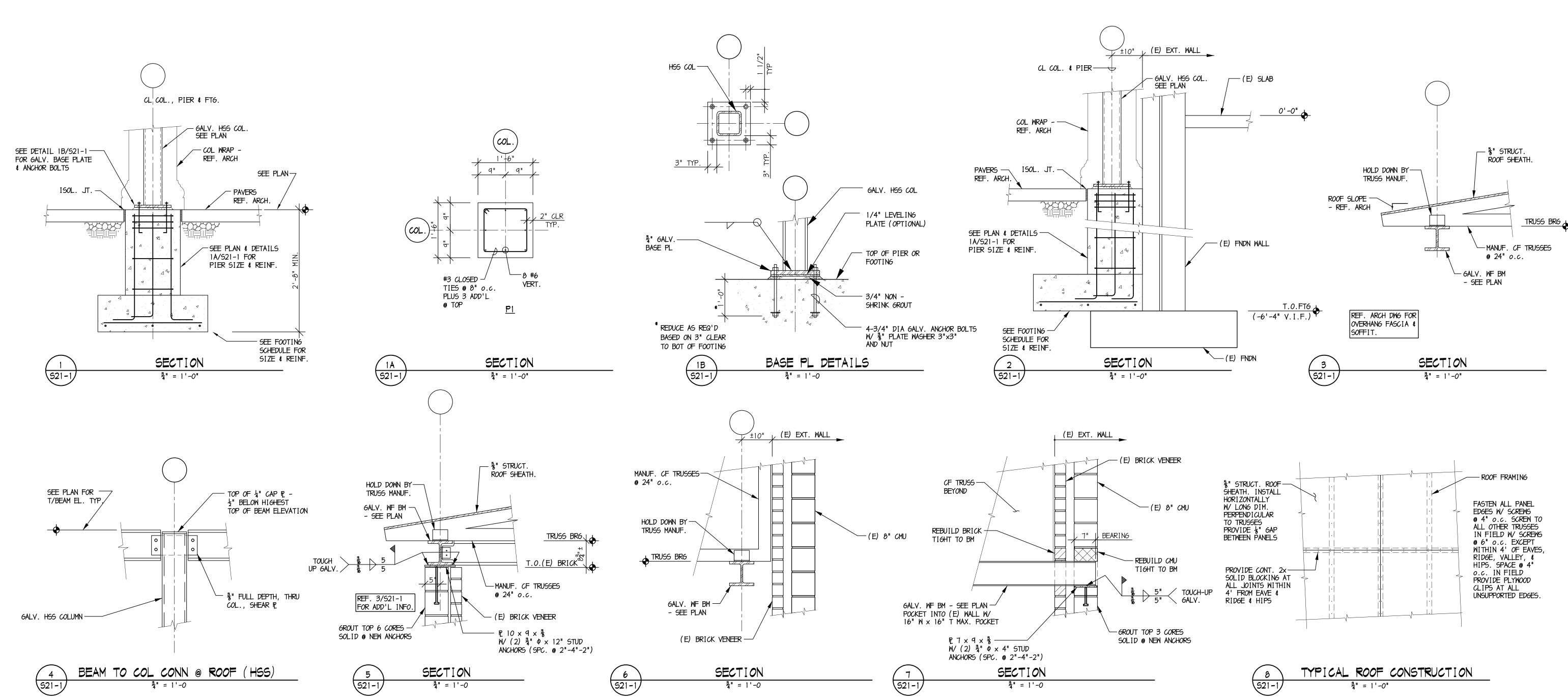
Georgetown, DE 19947 SIRPENIO:

PROJECT NO: AJC DRAWN BY: CJM CHECKED BY: AS NOTED SCALE: 8 APRIL 2025 DATE:



STRUCTURAL





ARCHITECTS
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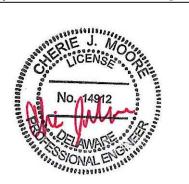
BAKER, INGRAM & ASSOCIATES

STRUCTURAL ENGINEERS
Lancaster, Pennsylvania
Dover, Delaware
Newark, Delaware
Haddon Heights, New Jersey
Annapolis, Maryland

BAKER, INGRAM

8 ASSOCIATES

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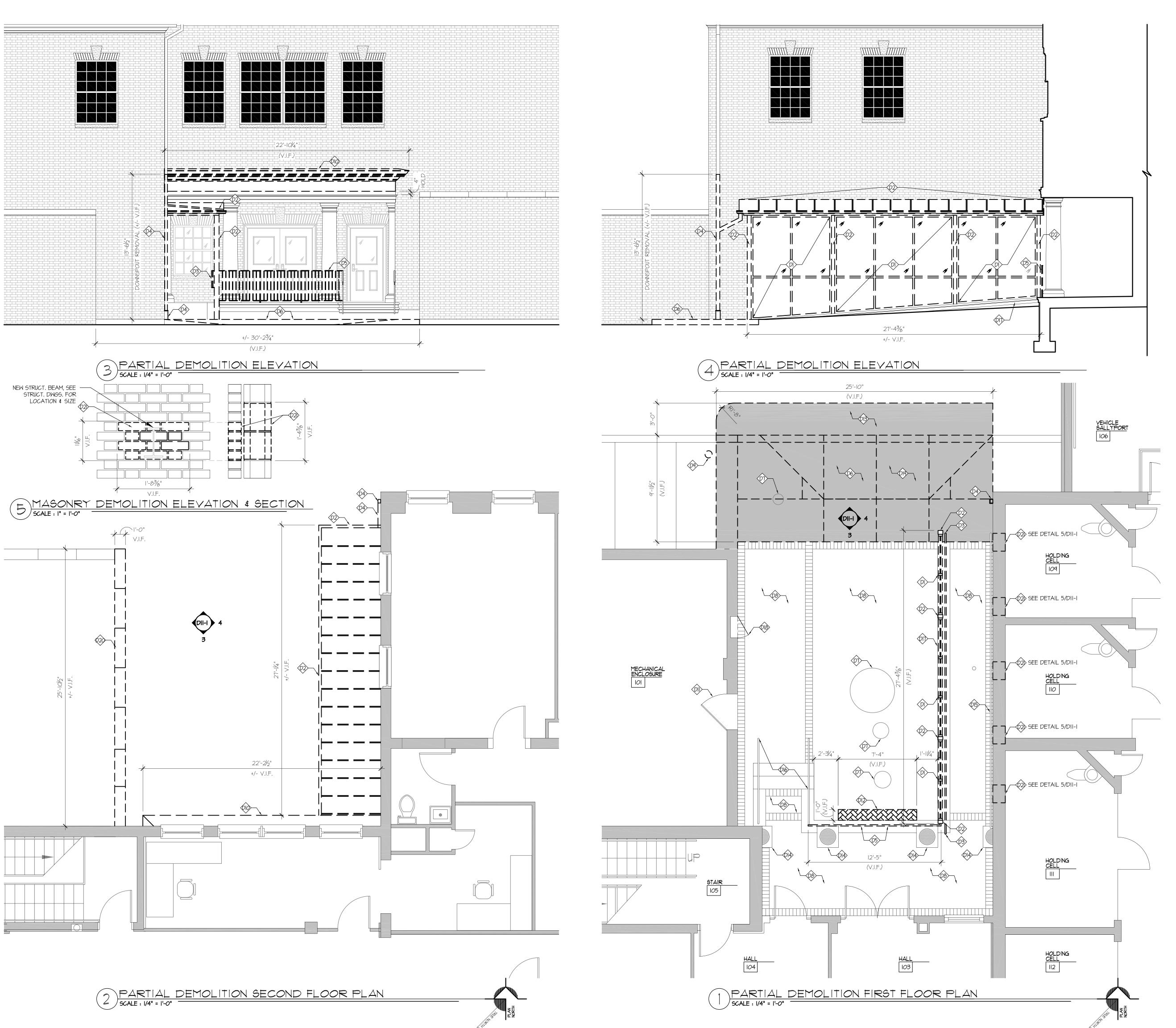
SUSSEX COUNTY
COURTHOUSE JUROR ENTRANCE
ENCLOSURE
MC0201000028A

1 The Circle, Georgetown, DE 19947

Georgetown, DE 19947

PROJECT NO: 22056
DRAWN BY: AJC
CHECKED BY: CJM
SCALE: AS NOTED
DATE: 8 APRIL 2025

TYPICAL SECTIONS & DETAILS



LEGEND & NOTES

LEGEND:

EXISTING WALL TO REMAIN

EXISTING WALL TO BE REMOVED

NEW WALL

X DEMOLITION KEYNOTE

X RENOVATION KEYNOTE

GENERAL NOTES:

I. ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS.

[O'-O"] ← CEILING HEIGHT A.F.F.

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- THE ARCHITECT.

 4. NOTES ON DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE

DEMOLITION KEYNOTES:

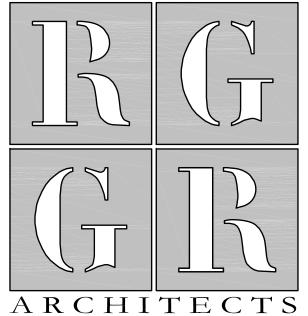
STONE AS REQ'D.

REPEATED OR NOT.

REMOVE EXIST. STOREFRONT GLAZING &
ALUM. PANEL SYSTEM IN ITS ENTIRETY.
RESTORE AND REPAIR EXIST. PRE-CAST

- REMOVE ENTIRE EXIST. RAMP ENCLOSURE IN IT'S ENTIRETY. INCLUDING STRUCTURAL POSTS, CEILING, FRAMING, ROOF SYSTEM, GUTTER, TRIM, ETC. IN THEIR ENTIRETY. REPAIR & RESTORE EXIST. EXTERIOR MASONRY BRICK WALL AS REQ'D.
- PAMP ENCLOSURE POSTS IN ITS ENTIRETY.
- CUT AND REMOVE PORTION OF EXIST.
 DOWNSPOUT & BOOT IN THEIR ENTIRETY.
 COORD. W/ RENOVATION PLAN FOR
 DOWNSPOUT REDIRECTION. PATCH AND
 REPAIR BRICK VENEER AS REQ'D.
- CUT AND REMOVE PORTION OF EXIST.
 GUARDRAIL SYSTEM IN ITS ENTIRETY.
 RESTORE AND REPAIR EXIST. PRE-CAST
 STONE AS REQ'D.
- REMOVE EXIST. SIDEWALK AND SLOPED SIDEWALK IN ITS ENTIRETY. PREPARE SUBGRADE TO RECEIVE NEW FLOOR SLAB. COORD. W/ RENOVATION PLANS.
- EXIST. METAL ACCESS LID TO REMAIN IN ITS ENTIRETY. SCRAPE AND CLEAN THE LID AND RESTORE TO A CLEAN FINISH.
- D8 EXIST. BRICK PAVERS SHALL BE PROTECTED AND REPAIRED AS REQ'D DURING CONSTRUCTION. PRESERVE OR RESTORE THEIR INTEGRITY AND FINISH TO THEIR ORIGINAL CONDITION POST DEMOLITION & RENOVATION
- PREP EXIST. CONC. SIDEWALK TO RECEIVE NEW BOLLARD.
- CAREFULLY CUT AND REMOVE PORTION OF EXIST. WOOD ENTABLATURE BACK TO EXIST. MASONRY BRICK WALL. REPAIR AND RESTORE ALL NEWLY EXPOSED BRICK. SCRAP AND SAND REMAINING WOOD ENTABLATURE FOR NEW PAINT FINISH. COORD. W ELEVATION 3/DII-I FOR FURTHER DEMOLITION EXTENT.
- EXIST. STEEL GATE DOOR AND ASSOC.
 HARDWARE TO REMAIN IN ITS ENTIRETY. WASH
 AND PAINT ENTIRE DOOR.
- REMOVE PORTION OF EXIST. BRICK PAVERS IN THEIR ENTIRETY. PREP AREA FOR NEW MASONRY STEP. COORD. W/ RENOVATION PLANS
- PARKING LOT PAVEMENT IN ITS ENTIRETY.
 PREP AREA TO RECEIVE NEW WORK.
- EXIST. FIBERGLASS COLUMN TO REMAIN IN THEIR ENTIRETY.
- DI5 EXIST. HANDRAIL TO REMAIN IN ITS ENTIRETY.
- EXIST. MASONRY STEPS AND ASSOC.

 MASONRY PAVING, HAND/GUARD RAIL & CAST STONE TREADS TO REMAIN IN THEIR ENTIRETY.
- EXIST. MASONRY CAST STONE TREADS TO
 REMAIN IN THEIR ENTIRETY. PATCH AND
 REPAIR ALL HOLES AS REQUIRED TO RESTORE
 MASONRY DUE TO THE REMOVAL OF RAMP
 ENCLOSURE.
- EXIST. EXTERIOR ACCESS PANEL TO REMAIN IN ITS ENTIRETY.
- AREA HATCHED GRAY TO BE THOROUGHLY
 SURVEYED PRIOR TO DEMO / EXCAVATION FOR
 EXISTING UTILITIES UNDERNEATH EXISTING
 SIDEWALK & GRADE. REPORT FINDINGS IF ANY
 TO PROJECT ARCHITECT.
- REMOVE PORTION OF EXISTING 5" LIMESTONE
 CAP AS REQUIRED FOR NEW WORK, SEE
 STRUCTURAL DRAWINGS FOR EXTENT.
- CAREFULLY REMOVE PORTION OF EXIST.
 BRICK & CMU MASONRY IN ITS ENTIRITY.
 REMOVAL OF MASONRY TO BE IN WHOLE BY
 COURSING PATTERN. PREP OPENING FOR NEW
 MASONRY INFILL AND STRUCTURAL FRAMING.
 (COORD. W/ STRUCT. DWGS.)



R G Architects, LLC
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302.376.8100 302.376.9851 fax
w w w . r g a r c h i t e c t s . n e t



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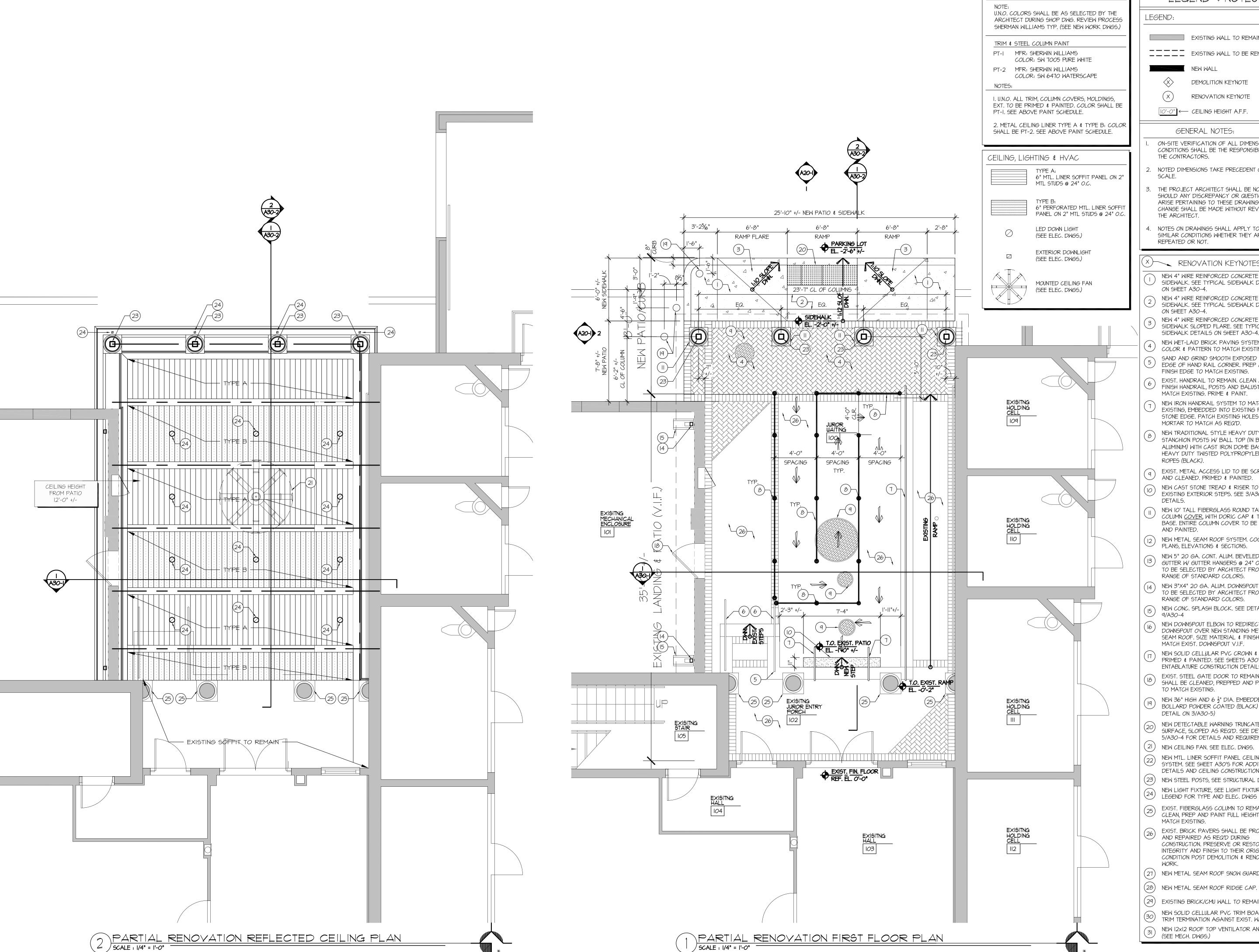
11 APRIL 2025

SUSSEX COUNTY
COURTHOUSE JUROR ENTRANCE
ENCLOSURE
MC0201000028A

1 The Circle, Georgetown, DE 19947

SHEET INFO

PROJECT NO: 22056
DRAWN BY: JAR
CHECKED BY: GDR/NSG
SCALE: AS NOTED
DATE: 8 APRIL 2025



LEGEND & NOTES

EXISTING WALL TO REMAIN EXISTING WALL TO BE REMOVED

PAINT FINISH LEGEND

NEW WALL

DEMOLITION KEYNOTE

RENOVATION KEYNOTE

[O'-O"] ← CEILING HEIGHT A.F.F.

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RENOVATION KEYNOTES:

NEW 4" WIRE REINFORCED CONCRETE SIDEWALK. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.

NEW 4" WIRE REINFORCED CONCRETE SIDEWALK. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.

NEW 4" WIRE REINFORCED CONCRETE SIDEWALK SLOPED FLARE. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.

NEW WET-LAID BRICK PAVING SYSTEM. BRICK COLOR & PATTERN TO MATCH EXISTING. SAND AND GRIND SMOOTH EXPOSED CUT EDGE OF HAND RAIL CORNER. PREP AND

EXIST. HANDRAIL TO REMAIN. CLEAN AND 6) FINISH HANDRAIL, POSTS AND BALUSTERS TO MATCH EXISTING. PRIME & PAINT.

FINISH EDGE TO MATCH EXISTING.

NEW IRON HANDRAIL SYSTEM TO MATCH EXISTING, EMBEDDED INTO EXISTING PRECAST STONE EDGE. PATCH EXISTING HOLES W/ NEW MORTAR TO MATCH AS REQ'D.

NEW TRADITIONAL STYLE HEAVY DUTY 42" H. STANCHION POSTS W/ BALL TOP (IN BLACK ALUMINUM) WITH CAST IRON DOME BASE AND HEAVY DUTY TWISTED POLYPROPYLENE ROPES (BLACK).

q EXIST. METAL ACCESS LID TO BE SCRAPED AND CLEANED. PRIMED & PAINTED.

NEW CAST STONE TREAD & RISER TO MATCH EXISTING EXTERIOR STEPS, SEE 3/A30-4 FOR EXISTING EXTERIOR STEPS. SEE 3/A30-4 FOR

NEW 10' TALL FIBERGLASS ROUND TAPERED COLUMN <u>COVER</u>, WITH DORIC CAP & TUSCAN BASE. ENTIRE COLUMN COVER TO BE PRIMED AND PAINTED.

(12) NEW METAL SEAM ROOF SYSTEM. COORD. W/ PLANS, ELEVATIONS & SECTIONS.

NEW 5" 20 GA. CONT. ALUM. BEVELED BOX GUTTER W GUTTER HANGERS @ 24" O.C. FINISH TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF STANDARD COLORS.

NEW 3"X4" 20 GA. ALUM. DOWNSPOUT FINISH TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF STANDARD COLORS.

NEW CONC. SPLASH BLOCK. SEE DETAIL 9/A30-4 9/A30-4

NEW DOWNSPOUT ELBOW TO REDIRECT EXIST. DOWNSPOUT OVER NEW STANDING METAL SEAM ROOF. SIZE MATERIAL & FINISH TO MATCH EXIST. DOWNSPOUT V.I.F.

NEW SOLID CELL, JLAR PVC CROWN & TRIM PRIMED & PAINTED. SEE SHEETS A30'S FOR ENTABLATURE CONSTRUCTION DETAILS.

EXIST. STEEL GATE DOOR TO REMAIN AND SHALL BE CLEANED, PREPPED AND PAINTED TO MATCH EXISTING.

NEW 36" HIGH AND 6 ½" DIA. EMBEDDED STEEL BOLLARD POWDER COATED (BLACK) (SEE DETAIL ON 3/A30-5) NEW DETECTABLE WARNING TRUNCATED DOME

SURFACE, SLOPED AS REQ'D. SEE DETAIL 5/A30-4 FOR DETAILS AND REQUIREMENTS.

(21) NEW CEILING FAN. SEE ELEC. DWGS. NEW MTL. LINER SOFFIT PANEL CEILING SYSTEM. SEE SHEET A30'S FOR ADDITIONAL

DETAILS AND CEILING CONSTRUCTION. (23) NEW STEEL POSTS, SEE STRUCTURAL DWGS.

NEW LIGHT FIXTURE, SEE LIGHT FIXTURE LEGEND FOR TYPE AND ELEC. DWGS NEW LIGHT FIXTURE, SEE LIGHT FIXTURE

EXIST. FIBERGLASS COLUMN TO REMAIN. CLEAN, PREP AND PAINT FULL HEIGHT TO MATCH EXISTING.

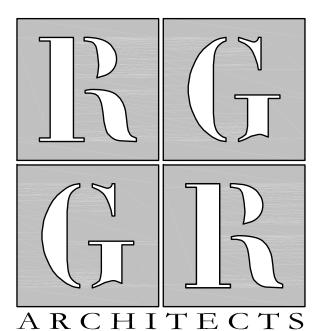
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(27) NEW METAL SEAM ROOF SNOW GUARD SYSTEM

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NEW SOLID CELLULAR PVC TRIM BOARD FOR TRIM TERMINATION AGAINST EXIST. WALL.

NEW 12x12 ROOF TOP VENTILATOR AND CURB. (SEE MECH. DWGS.)



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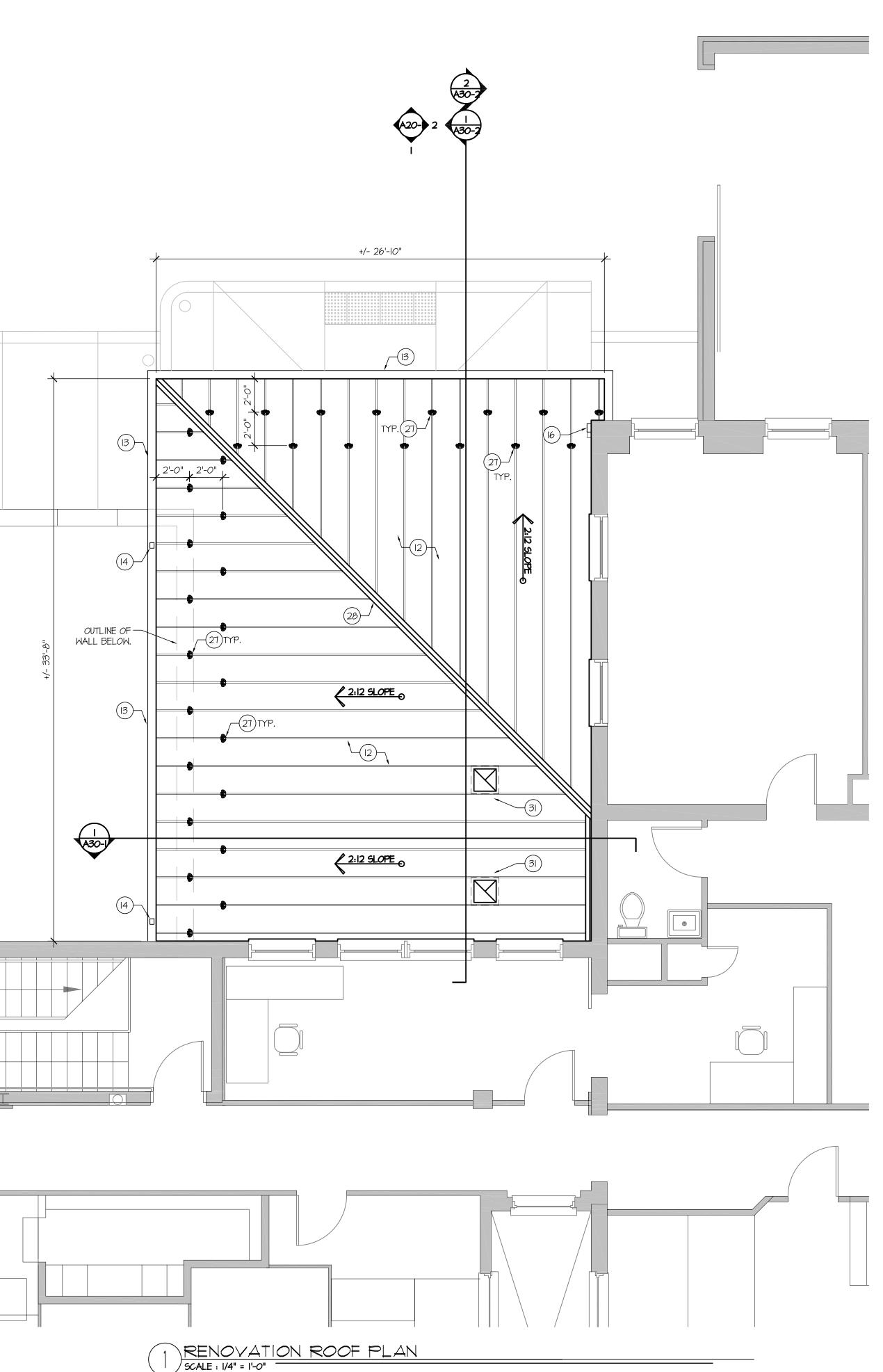
SUSSEX COUNTY COURTHOUSE -JUROR ENTRANCE **ENCLOSURE** MC0201000028A

> 1 The Circle, Georgetown, DE 19947

PROJECT NO: 22056

NSG/JAR DRAWN BY: GDR/NSG CHECKED BY: AS NOTED SCALE: 8 APRIL 2025 DATE:

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LEGEND & NOTES

LEGEND:

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ARCHITECTS

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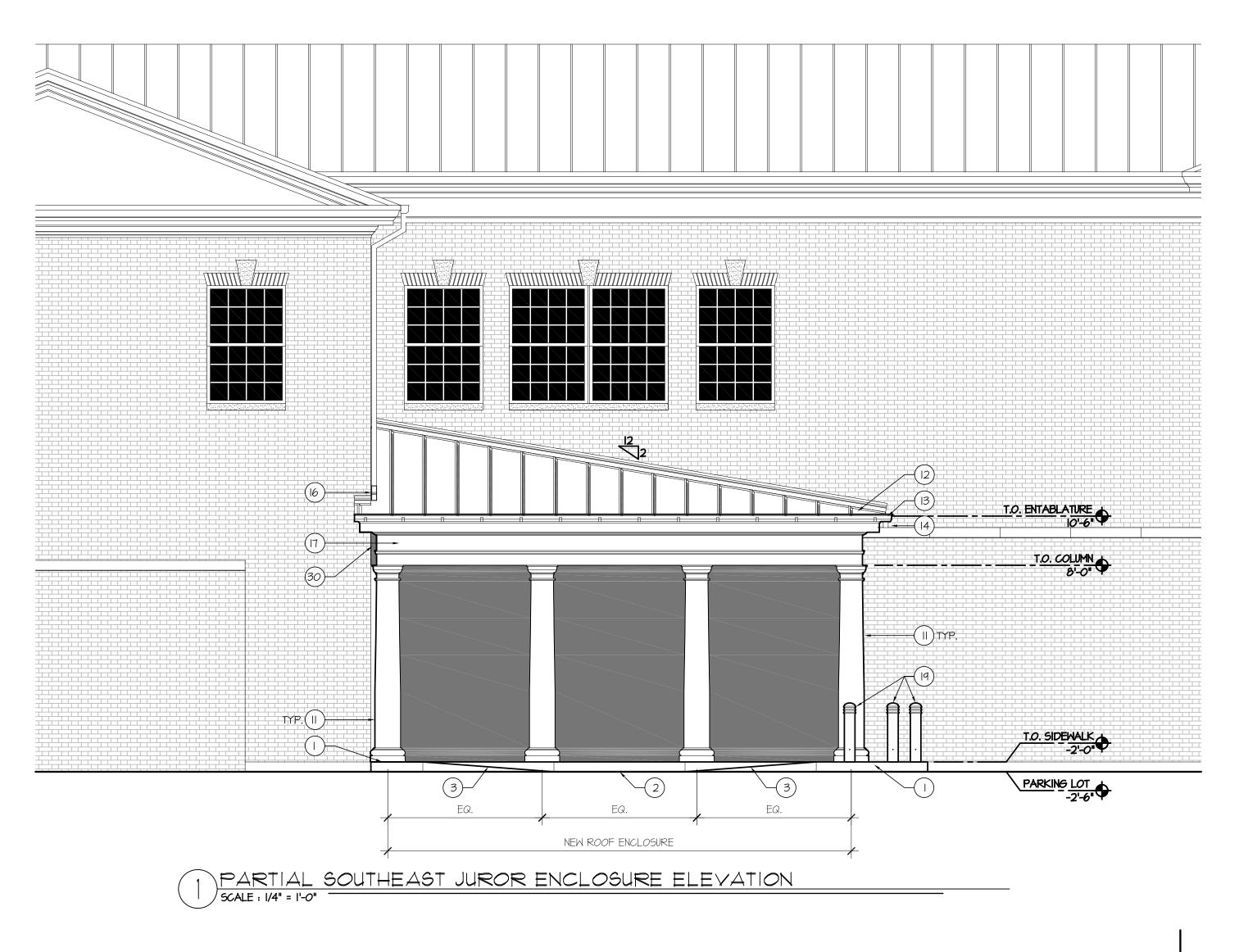
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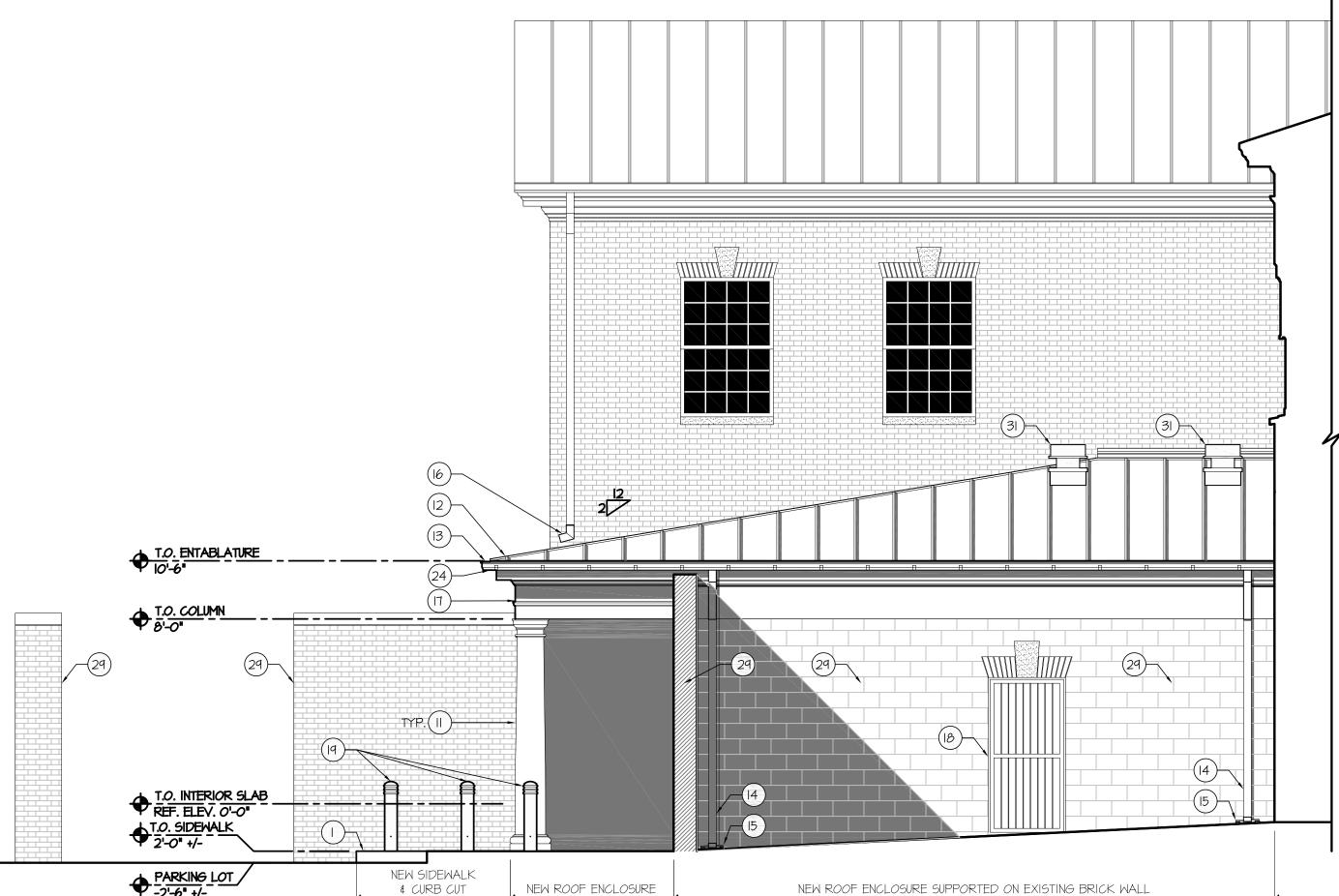
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PARTIAL NORTHEAST JUROR ENCLOSURE BUILDING ELEVATION SCALE: 1/4" = 1'-0"

LEGEND & NOTES

LEGEND:

EXISTING WALL TO REMAIN

EXISTING WALL TO BE REMOVED

NEW WALL

DEMOLITION KEYNOTE

RENOVATION KEYNOTE

X ||O'-O"||←

[O'-O"] ← CEILING HEIGHT A.F.F.

GENERAL NOTES:

- I. ON-SITE VERIFICATION OF ALL DIMENSIONS AND CONDITIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTORS.
- NOTED DIMENSIONS TAKE PRECEDENT OVER SCALE.
- 3. THE PROJECT ARCHITECT SHALL BE NOTIFIED SHOULD ANY DISCREPANCY OR QUESTIONS ARISE PERTAINING TO THESE DRAWINGS. NO CHANGE SHALL BE MADE WITHOUT REVIEW BY THE ARCHITECT.
- 4. NOTES ON DRAWINGS SHALL APPLY TO ALL SIMILAR CONDITIONS WHETHER THEY ARE REPEATED OR NOT.
- RENOVATION KEYNOTES:
- NEW 4" WIRE REINFORCED CONCRETE SIDEWALK. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.
- NEW 4" WIRE REINFORCED CONCRETE SIDEWALK. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.
- NEW 4" WIRE REINFORCED CONCRETE SIDEWALK SLOPED FLARE. SEE TYPICAL SIDEWALK DETAILS ON SHEET A30-4.
- NEW WET-LAID BRICK PAVING SYSTEM. BRICK COLOR & PATTERN TO MATCH EXISTING.
- 5 SAND AND GRIND SMOOTH EXPOSED CUT EDGE OF HAND RAIL CORNER. PREP AND FINISH EDGE TO MATCH EXISTING.
- 6 EXIST. HANDRAIL TO REMAIN. CLEAN AND FINISH HANDRAIL, POSTS AND BALUSTERS TO MATCH EXISTING. PRIME & PAINT.
- NEW IRON HANDRAIL SYSTEM TO MATCH EXISTING, EMBEDDED INTO EXISTING PRECAST STONE EDGE. PATCH EXISTING HOLES W/ NEW MORTAR TO MATCH AS REQ'D.
- 8 NEW TRADITIONAL STYLE HEAVY DUTY 42" H. STANCHION POSTS W BALL TOP (IN BLACK ALUMINUM) WITH CAST IRON DOME BASE AND HEAVY DUTY TWISTED POLYPROPYLENE ROPES (BLACK).
- PAINTED. EXIST. METAL ACCESS LID TO BE SCRAPED AND CLEANED. PRIMED & PAINTED.
- NEW CAST STONE TREAD & RISER TO MATCH EXISTING EXTERIOR STEPS. SEE 3/A30-4 FOR DETAILS.
- NEW IO' TALL FIBERGLASS ROUND TAPERED COLUMN COVER, WITH DORIC CAP & TUSCAN BASE. ENTIRE COLUMN COVER TO BE PRIMED
- NEW METAL SEAM ROOF SYSTEM. COORD. W/ PLANS, ELEVATIONS & SECTIONS.
- NEW 5" 20 GA. CONT. ALUM. BEVELED BOX
 GUTTER W GUTTER HANGERS @ 24" O.C. FINISH
 TO BE SELECTED BY ARCHITECT FROM FULL
 RANGE OF STANDARD COLORS.
- NEW 3"X4" 20 GA. ALUM. DOWNSPOUT FINISH TO BE SELECTED BY ARCHITECT FROM FULL RANGE OF STANDARD COLORS.
- NEW CONC. SPLASH BLOCK. SEE DETAIL 9/A30-4
- NEW DOWNSPOUT ELBOW TO REDIRECT EXIST. DOWNSPOUT OVER NEW STANDING METAL SEAM ROOF. SIZE MATERIAL & FINISH TO MATCH EXIST. DOWNSPOUT V.I.F.
- NEW SOLID CELLULAR PVC CROWN & TRIM PRIMED & PAINTED. SEE SHEETS A30'S FOR ENTABLATURE CONSTRUCTION DETAILS.
- (18) EXIST. STEEL GATE DOOR TO REMAIN AND SHALL BE CLEANED, PREPPED AND PAINTED TO MATCH EXISTING.
- NEW 36" HIGH AND 6 $\frac{1}{2}$ " DIA. EMBEDDED STEEL BOLLARD POWDER COATED (BLACK) (SEE DETAIL ON 3/A30-5)
- NEW DETECTABLE WARNING TRUNCATED DOME SURFACE, SLOPED AS REQ'D. SEE DETAIL 5/A30-4 FOR DETAILS AND REQUIREMENTS.
- (21) NEW CEILING FAN. SEE ELEC. DWGS.
- NEW CEILING FAN. SEE ELEC. DWGS
- NEW MTL. LINER SOFFIT PANEL CEILING
 SYSTEM. SEE SHEET A30'S FOR ADDITIONAL
 DETAILS AND CEILING CONSTRUCTION.
- (23) NEW STEEL POSTS, SEE STRUCTURAL DWGS.
- NEW LIGHT FIXTURE, SEE LIGHT FIXTURE LEGEND FOR TYPE AND ELEC. DWGS
- EXIST. FIBERGLASS COLUMN TO REMAIN.
 CLEAN, PREP AND PAINT FULL HEIGHT TO
 MATCH EXISTING.
- EXIST. BRICK PAVERS SHALL BE PROTECTED AND REPAIRED AS REQ'D DURING CONSTRUCTION. PRESERVE OR RESTORE THEIR INTEGRITY AND FINISH TO THEIR ORIGINAL CONDITION POST DEMOLITION & RENOVATION WORK.
- (27) NEW METAL SEAM ROOF SNOW GUARD SYSTEM.
- (28) NEW METAL SEAM ROOF RIDGE CAP.
- (29) EXISTING BRICK/CMU WALL TO REMAIN.

 NEW SOLID CELLULAR PVC TRIM BOARD FOR
- NEW SOLID CELLULAR PVC TRIM BOARD FOR TRIM TERMINATION AGAINST EXIST. WALL.

 NEW 12x12 ROOF TOP VENTILATOR AND CURB. (SEE MECH. DWGS.)



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SUSSEX COUNTY
COURTHOUSE JUROR ENTRANCE
ENCLOSURE
MC0201000028A

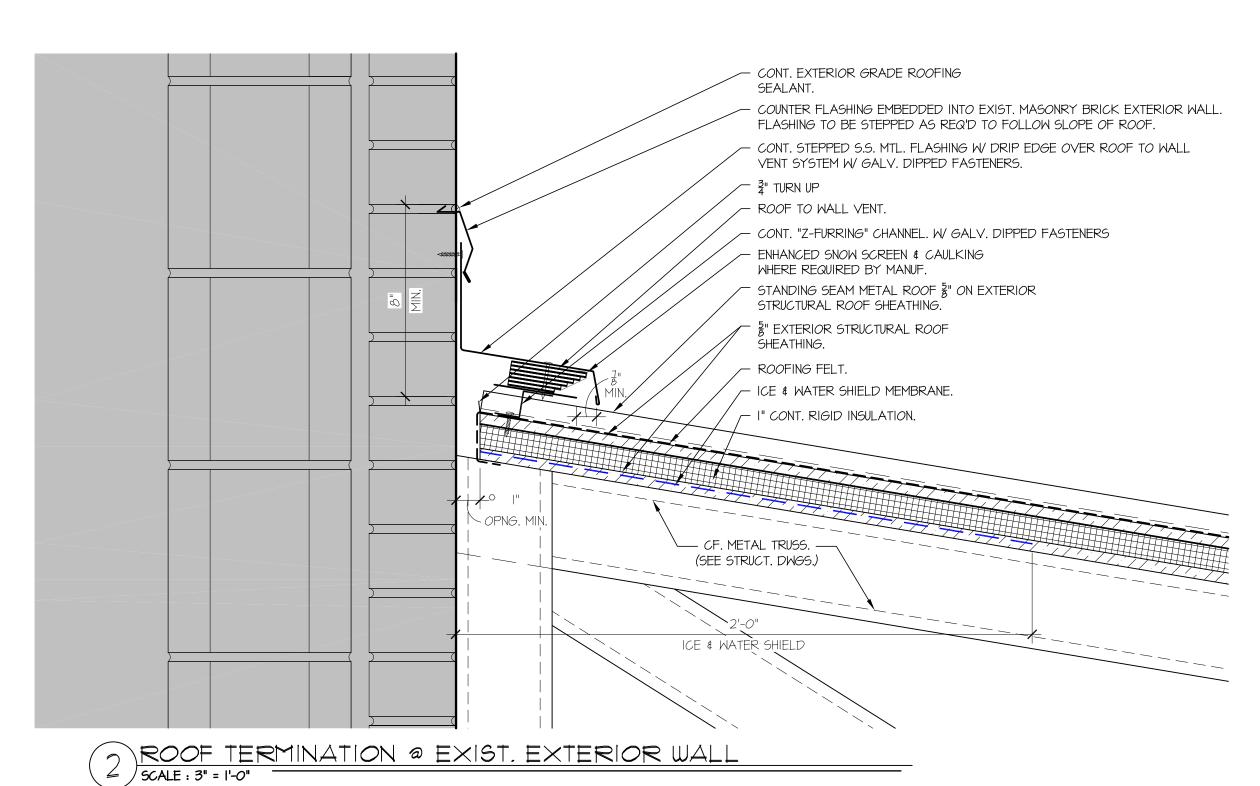
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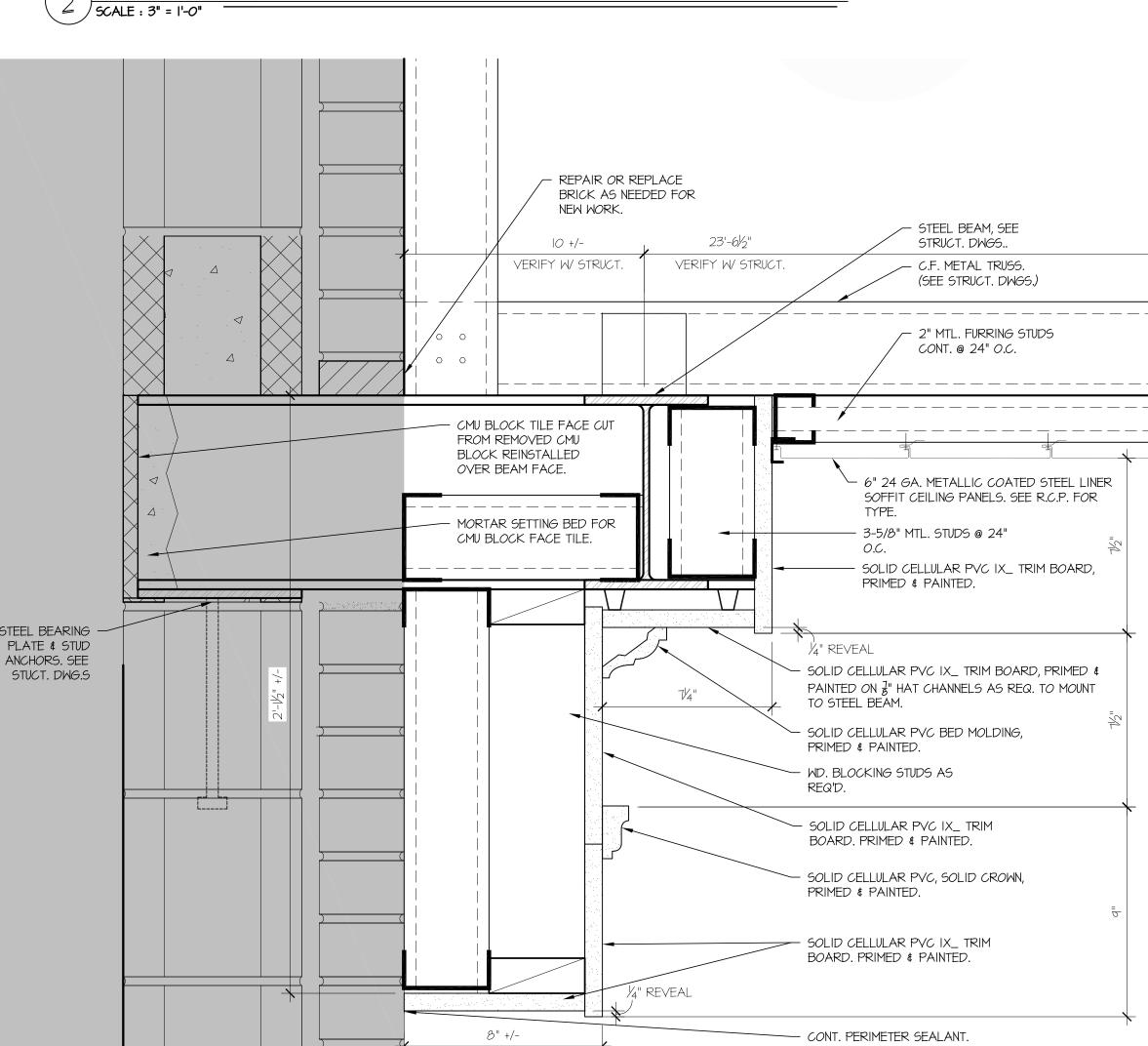
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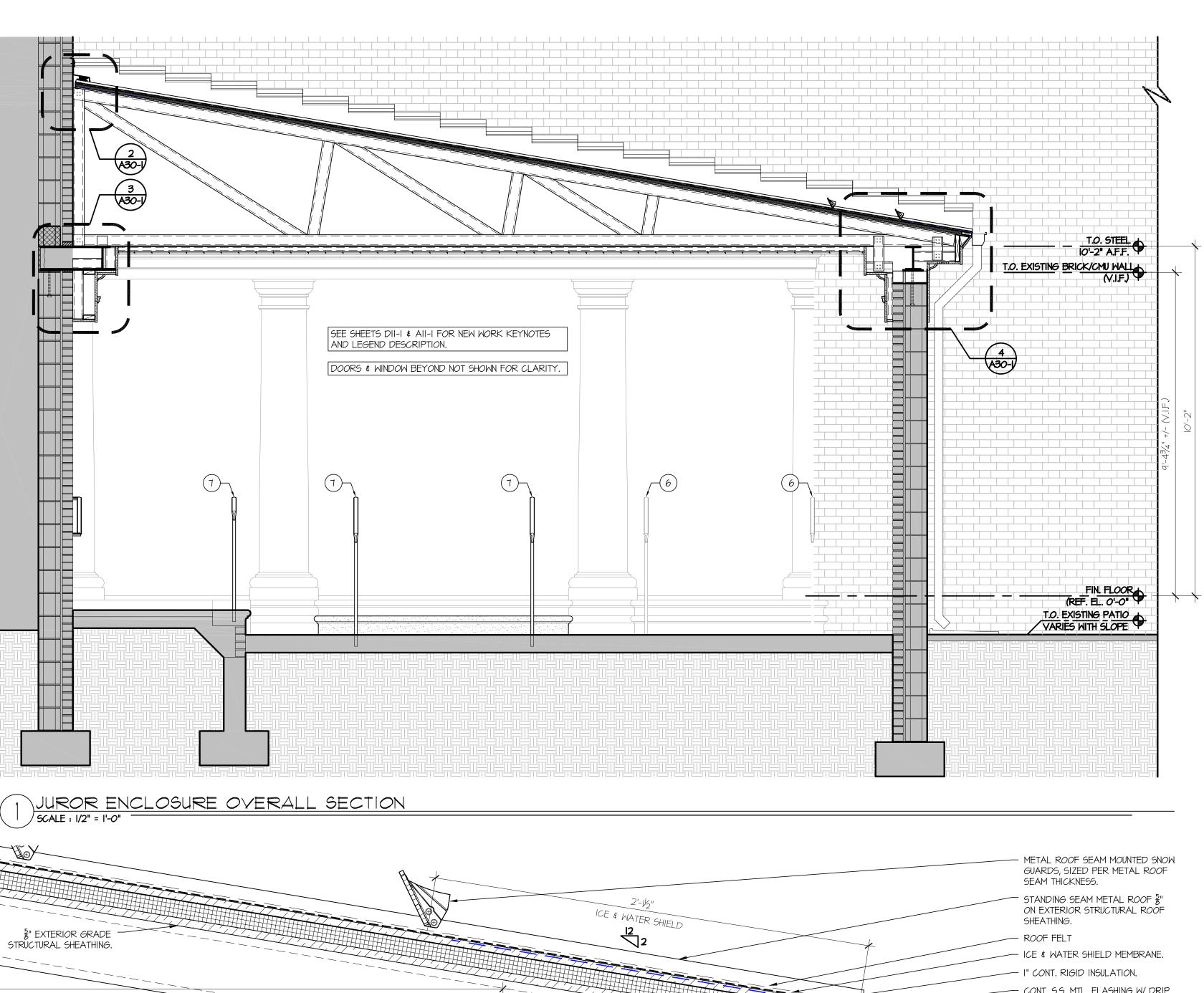
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3 INTERIOR WALL ORNAMENTATION SECTION DETAIL
SCALE: 3" = 1'-0"



- CONT. S.S. MTL. FLASHING W/ DRIP C.F. METAL TRUSS. EDGE. (SEE STRUCT. DWGS.) - WD. BLOCKING AS REQ'D. - 5" 20 GA. CONT. ALUM. BEVELED 2" MTL. FURRING STUDS -0 0 BOX GUTTER W/ GUTTER HANGERS CONT. @ 24" O.C. @ 24" O.C. FINISH TO BE SELECTED BY OWNER FROM FULL RANGE OF STANDARD COLORS. ______ SOLID CELLULAR PVC SHIM PIECE AS REQ'D. PRIMED & PAINTED. — WD. BLOCKING AS REQ'D. 24 GA. METALLIC COATED $^{\perp}$ STEEL LINER SOFFIT CEILING PANELS, SEE R.C.P. FOR TYPES. - SOLID CELLULAR PVC CROWN MOLDING, 3-5/8" MTL. STUDS @ 24" O.C. PRIMED & PAINTED. TYP. BLOCKING AS REQ'D. 3-5/8" MTL. STUDS @ -¼" REVEAL 24" O.C. TYP. SOLID CELLULAR PVC IX_ TRIM SOLID CELLULAR PVC IX_ TRIM BLOCKING AS REQ'D. BOARD, PRIMED & PAINTED. BOARD. PRIMED & PAINTED. SOLID CELLULAR PVC VENTED SOFFIT BOARD. PRIMED & PAINTED. ¼" REVEAL 9 1 " SOLID CELLULAR PVC BED MOLDING, PRIMED & PAINTED. SOLID CELLULAR PVC BED MOLDING, PRIMED & PAINTED. SOLID CELLULAR PVC IX_ TRIM BOARD. PRIMED & PAINTED. - STEEL BEAM & STEEL BEARING PLATE. SEE STRUCT. DWGS. - 8" & 4" CMU INFILL AT REMOVED SOLID CELLULAR PVC, SOLID -LIMESTONE CAP. CROWN, PRIMED & PAINTED. SOLID CELLULAR PVC IX_ TRIM BOARD AS REQ'D TO COVER OVER NEW CMU INFILL PRIMED & PAINTED. SOLID CELLULAR PVC IX_ TRIM BOARD. PRIMED & PAINTED. 2" METAL FURRING-EXIST. MASONRY BRICK & CMU SCREEN SOLID CELLULAR PVC IX_ TRIM -WALL SHOWN SHADED FOR CLARITY. BOARD. PRIMED & PAINTED. CONT. PERIMETER SEALANT. -¼" RÉVEAL

ROOF EDGE @ EXIST. BRICK SCREEN WAL!

/ SCALE : 3" = 1'-0"

ARCHITECTS

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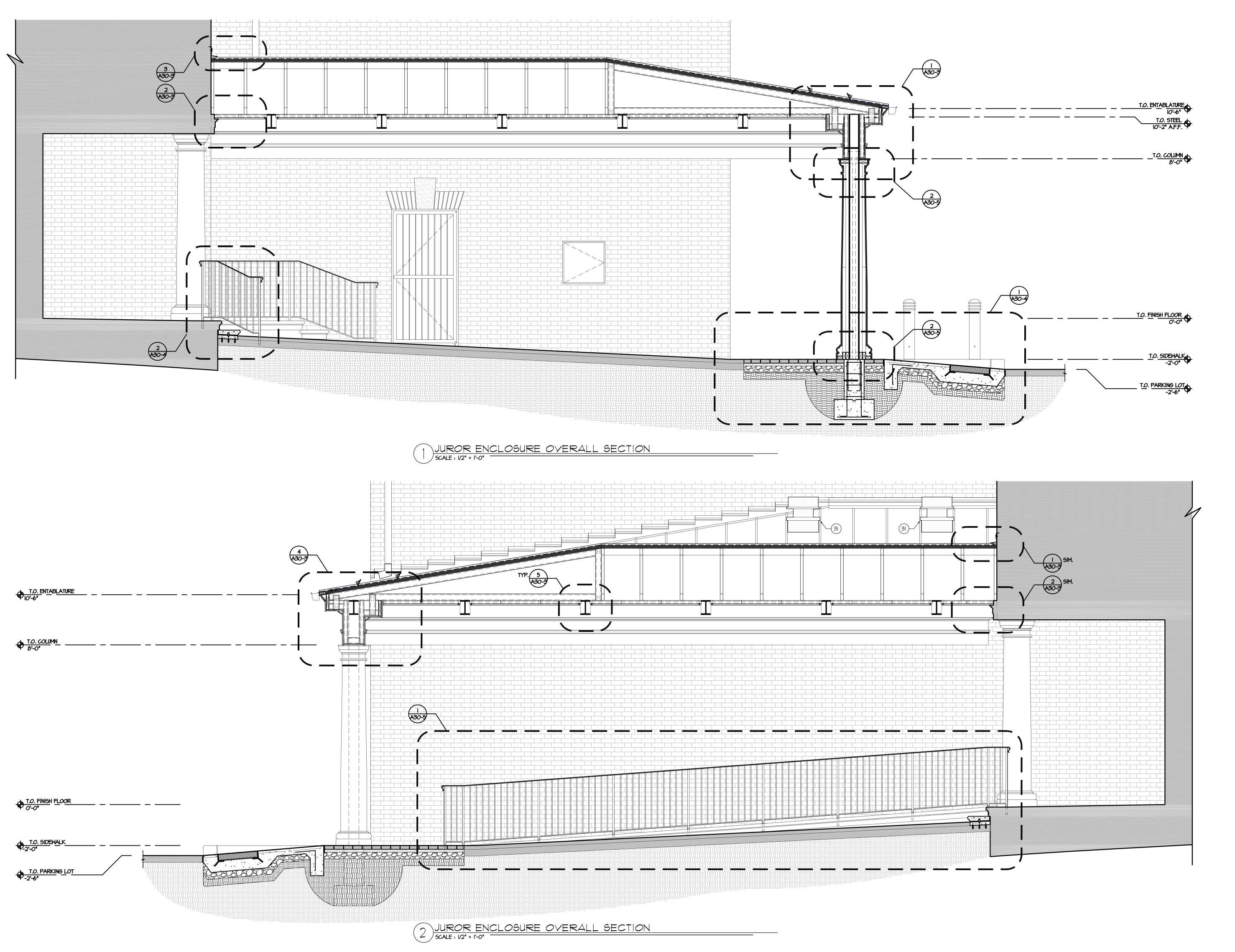
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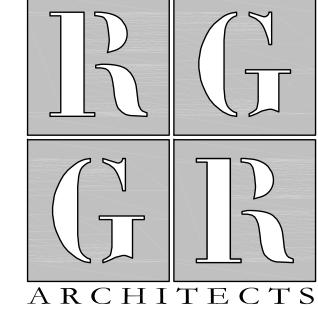
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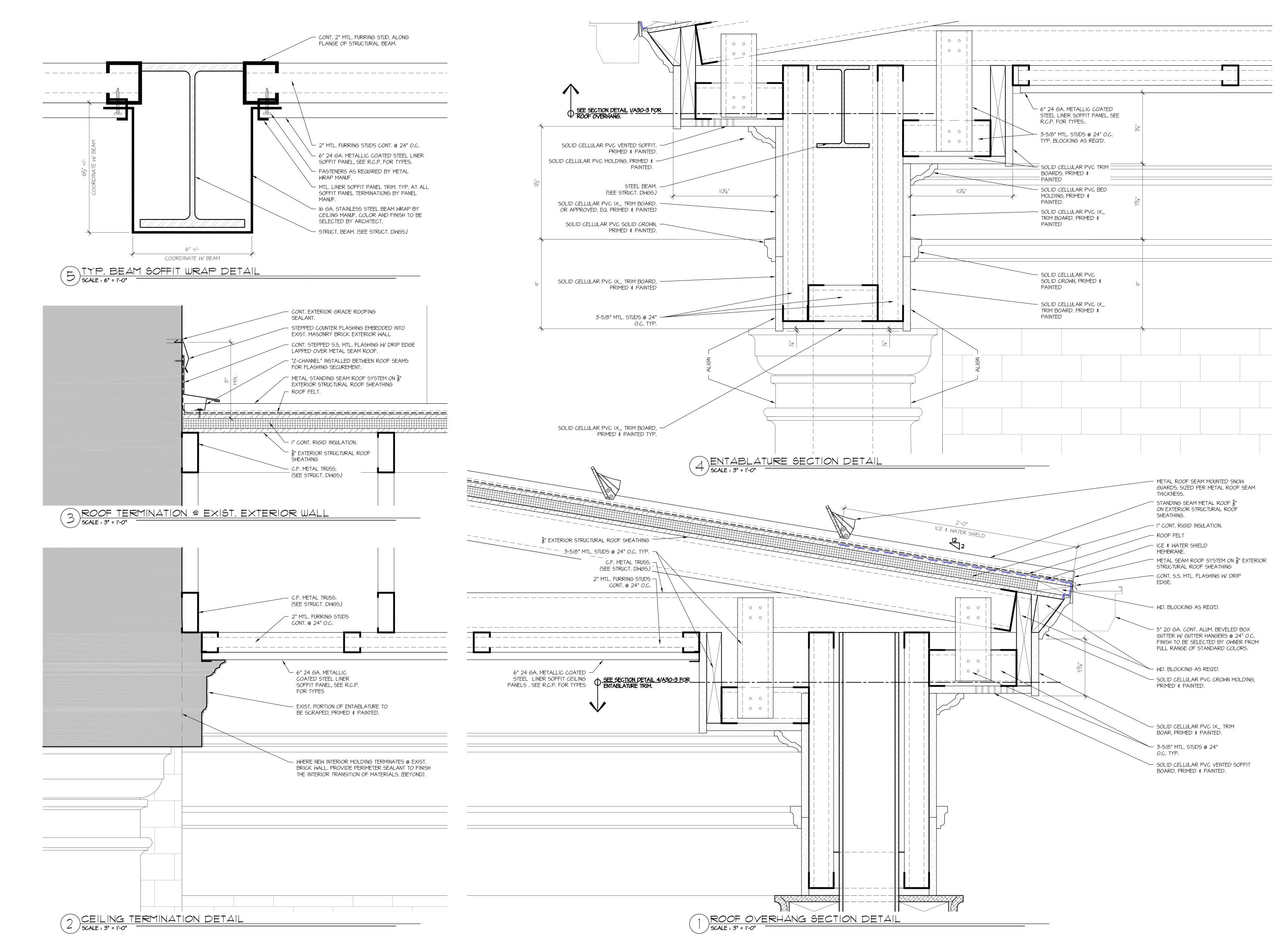
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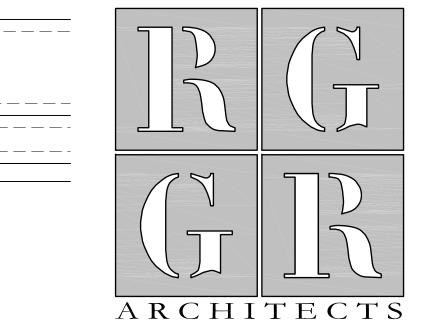
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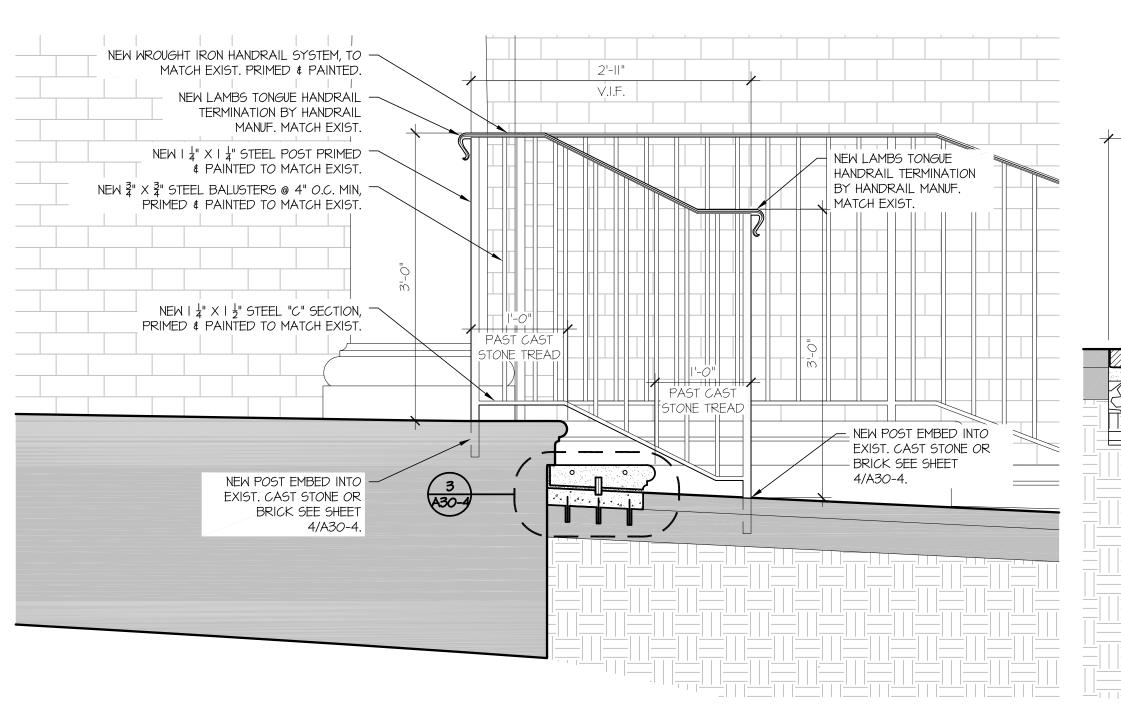
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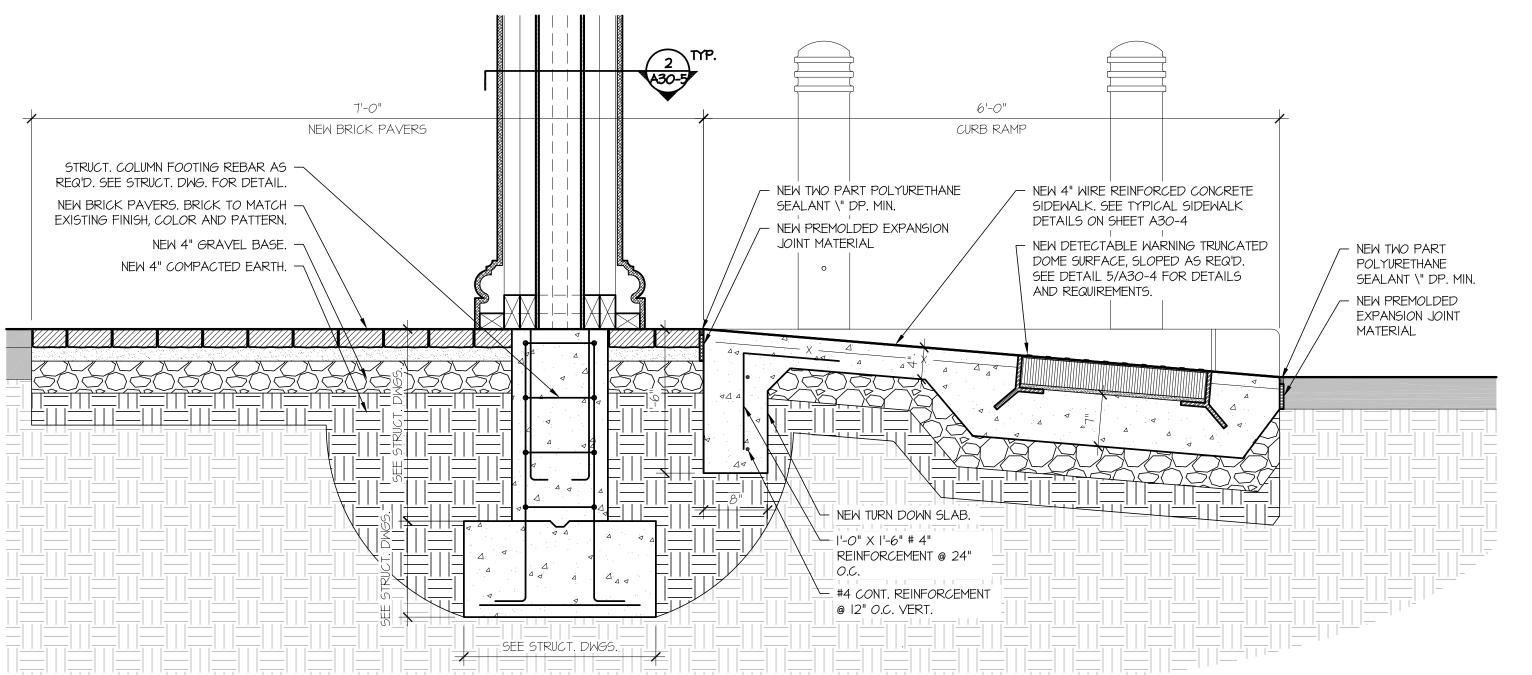
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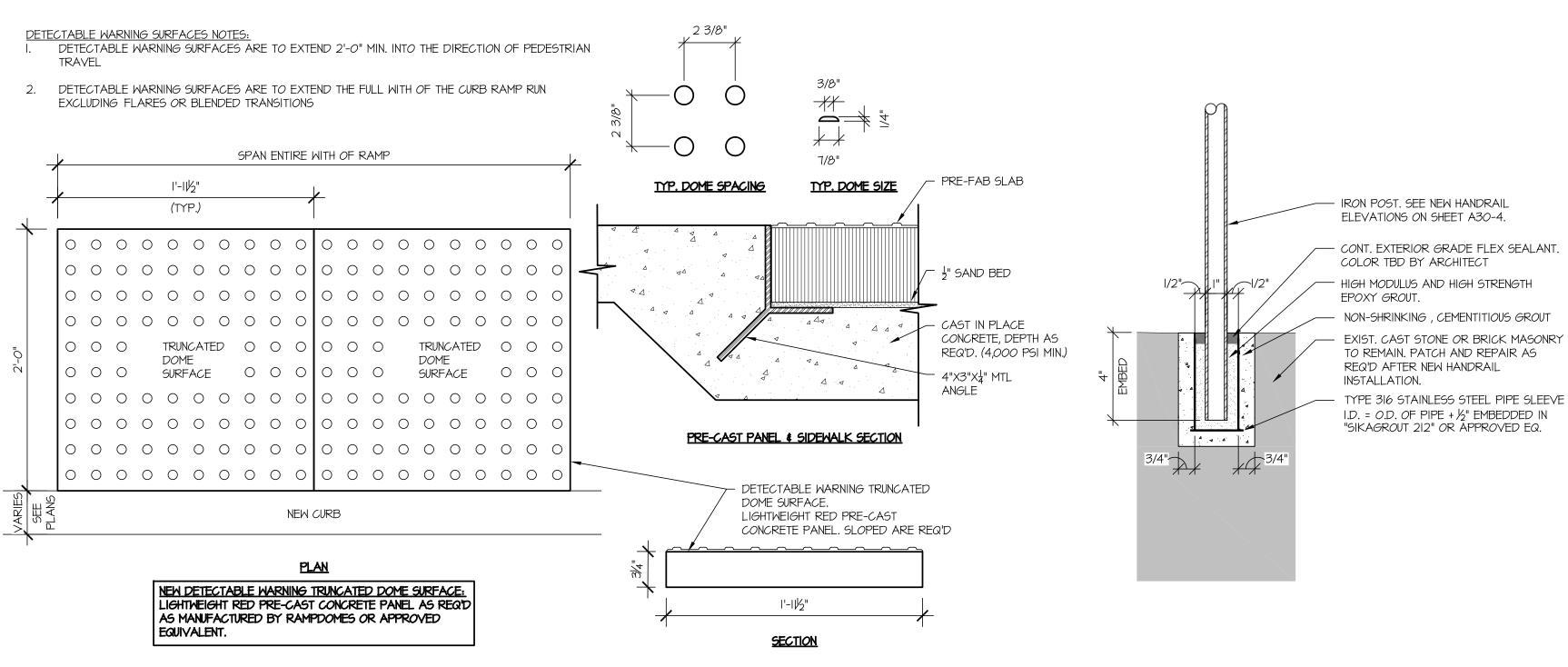
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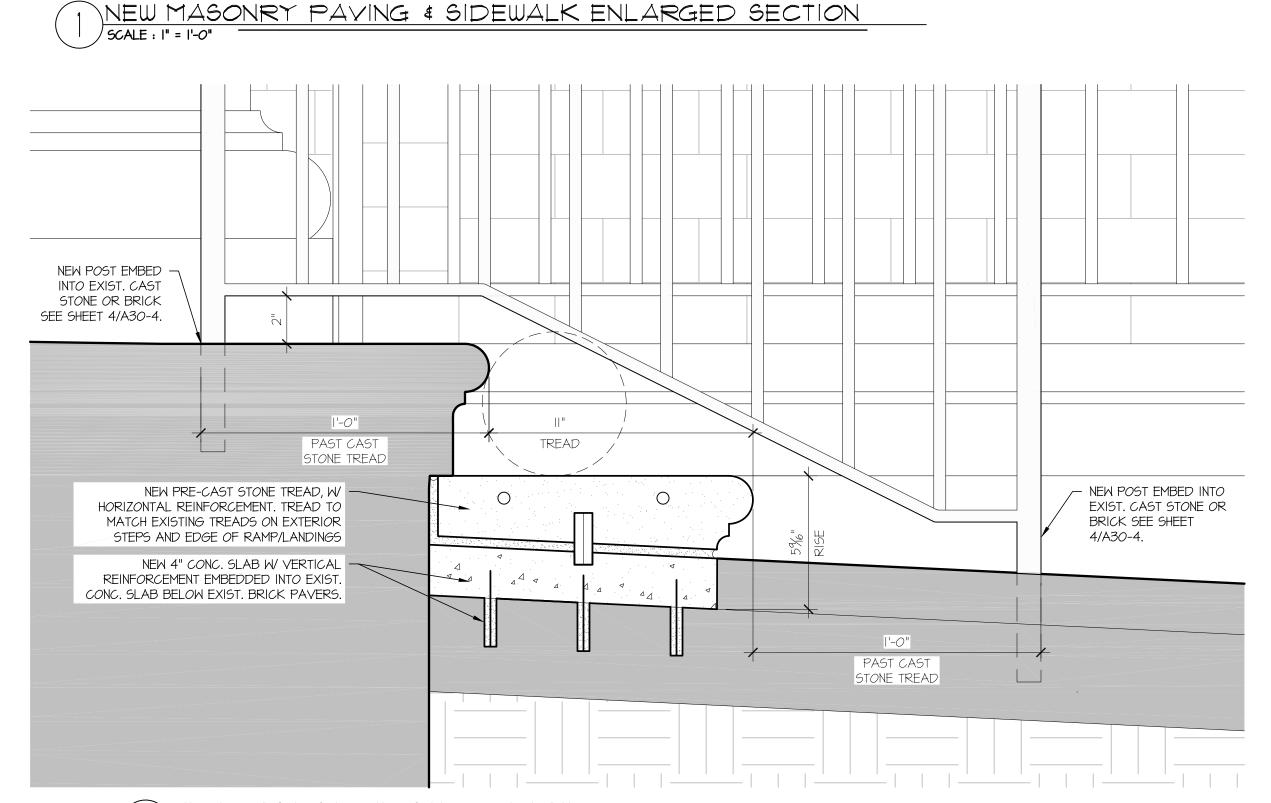












3 NEW CAST STONE STEP DETAIL

SCALE: 3" = 1'-0"



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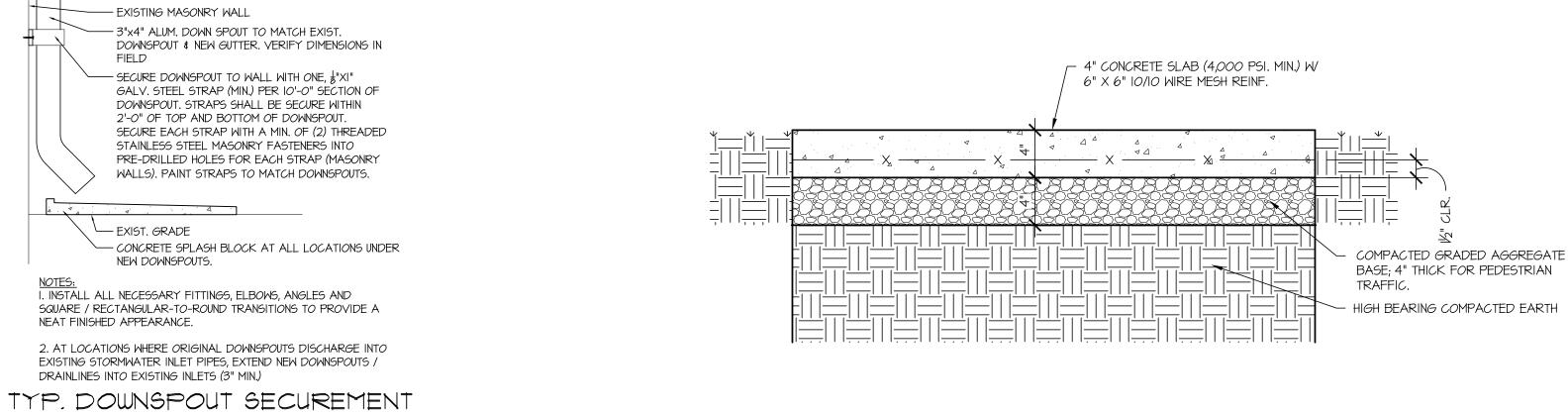
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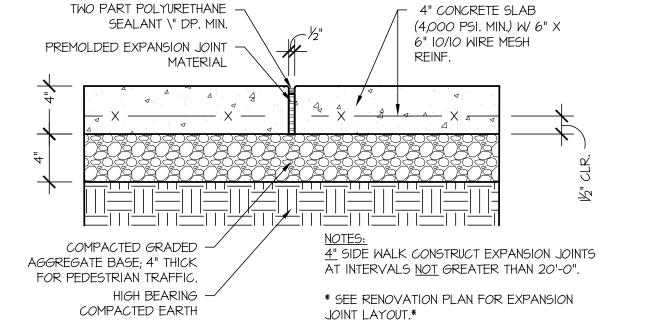
ADDITIONAL
SECTIONS &
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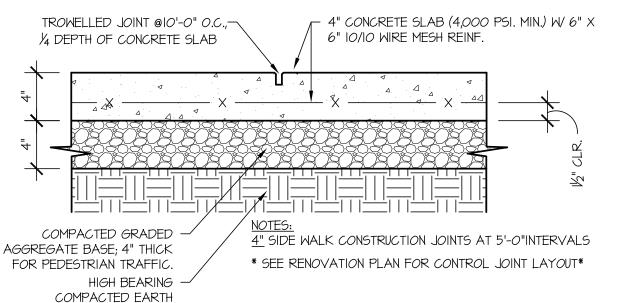
DETECTABLE WARNING TRUNCATED DOME SURFACE DETAIL

/ SCALE : | |/2" = |'-0"

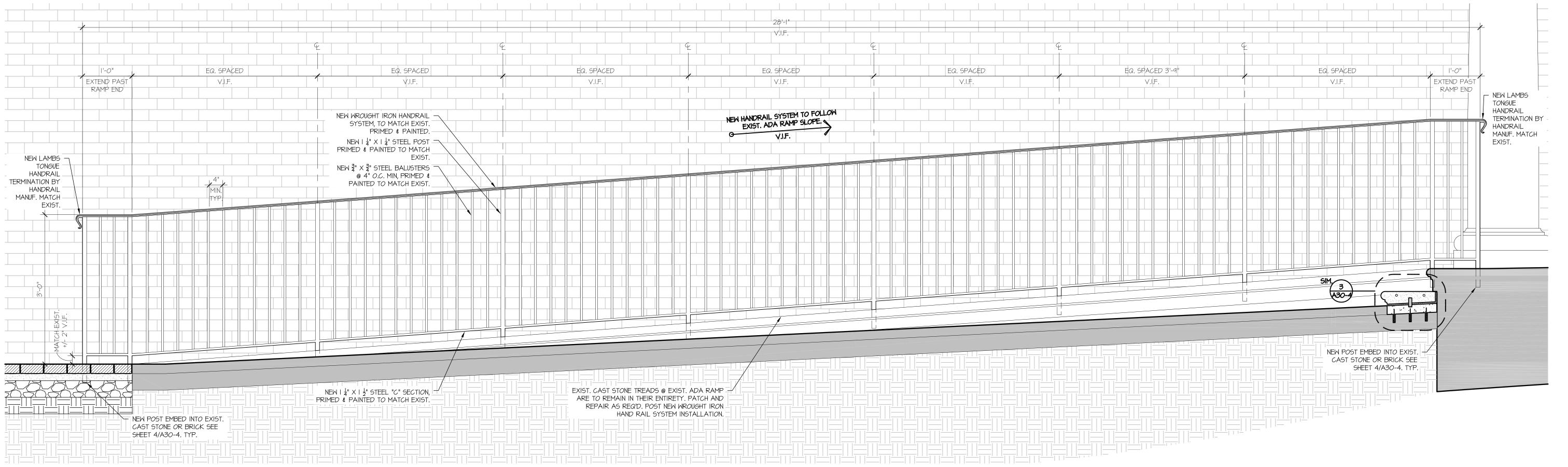
9 AND SPLASH BLOCK DETAIL SCALE: I" = 1'-0" 8 NEW CAST STONE STEP DETAIL
SCALE: 1-1/2" = 1'-0"

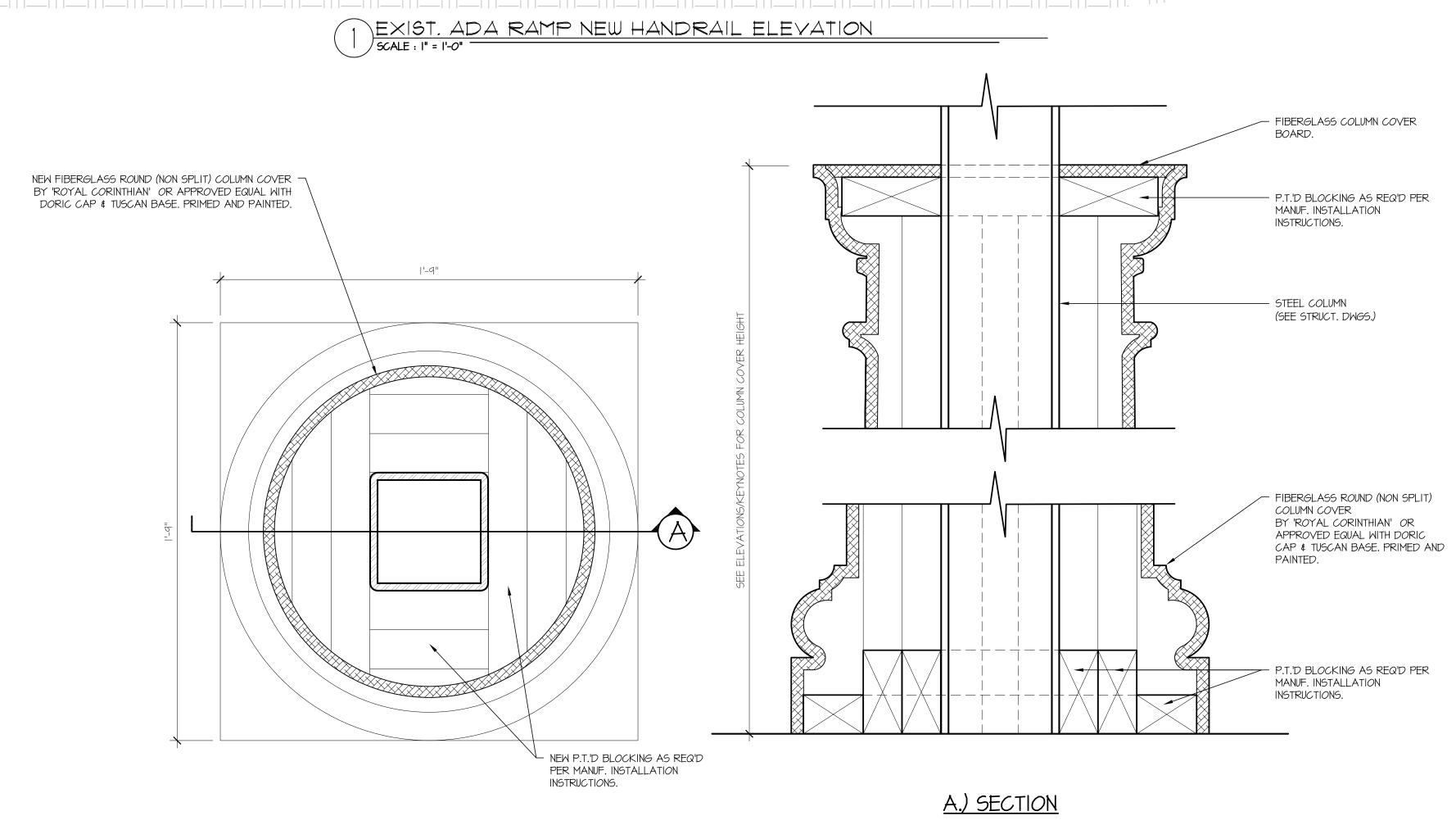






TYP. SIDEWALK CONTROL JOINT SCALE: 1-1/2" = 1'-0"





 $6\frac{1}{2}$ " DIA. EMBEDDED STEEL BOLLARD , POWDER

COATED (BLACK)

(BY BOLLARD MANUF.)

— NEW 12 X 12 X 12 POURED CONCRETE

- NEW STEEL REBAR. (BY BOLLARD MANUF.)

FOOTING.

3 TYP. BOLLARD DETAIL

SCALE: 3/4" = 1'-0"

NEW OR EXIST. FINISHED
CONCRETE COORDINATE WITH

FLOOR FINISH INDICATED ON

NEW COLUMN COVER DETAILS

SCALE: 3" = 1'-0"

- PLASTIC PLUG.

ARCHITECTS

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POWER LEGEND:

FEEDER REFERENCE TAG, REFER TO FEEDER LEGEND.

TRANSFORMER. \sim

GROUND TO EARTH

CIRCUIT BREAKER. "#A" AND "3P" IDENTIFY CIRCUIT BREAKER AMPACITY AND 3 POLES UNLESS OTHERWISE

NON-FUSIBLE DISCONNECT SWITCH. "#A" IDENTIFIES DISCONNECT SWITCH AMPACITY RATING. "NEMA #" IDENTIFIES NEMA ENCLOSURE TYPE.

FUSIBLE DISCONNECT SWITCH. "#A" IDENTIFIES DISCONNECT SWITCH AMPACITY RATING. "#AF", IF PRESENT, IDENTIFIES APPROXIMATE FUSE RÄTING. UNLESS OTHERWISE NOTED, ALL FUSIBLE DISCONNECT SWITCHES SHALL BE COMPLETE WITH APPROPRIATELY SIZED DE, TD, CL, CLASS RK5 FUSES.

CIRCUIT BREAKER TYPE COMBINATION STARTER UNIT WITH DOOR MOUNTED H-O-A SWITCH AND RED "MOTOR RUNNING" LED TYPE PILOT LIGHT. PROVIDE AUXILIARY CONTACT. "#A" IDENTIFIES DISCONNECT SWITCH AMPACITY RATING. NEMA SIZE AS INDICATED.

FUSIBLE SWITCH TYPE COMBINATION STARTER UNIT WITH DOOR MOUNTED H-O-A SWITCH AND RED "MOTOR RUNNING" LED TYPE PILOT LIGHT. PROVIDE AUXILIARY CONTACT. NEMA SIZE AS INDICATED. "#A" IDENTIFIES DISCONNECT SWITCH AMPACITY RATING. "#A", IF PRESENT, IDENTIFIES APPROXIMATE FUSE RATING. UNLESS OTHERWISE NOTED, ALL FUSIBLE DISCONNECT SWITCHES SHALL BE COMPLETE WITH APPROPRIATELY SIZED DE,

TYPICAL BRANCH CIRCUITING HOME RUN SYMBOL. GENERALLY 15A BRANCH CIRCUITS CONSISTS OF (2) #14 AWG CU. AND (1) #14 AWG CU. GND. IN 3/4" CONDUIT AND 20A BRANCH CIRCUITS CONSISTS OF (2) #12 AWG CU. AND (1) #12 AWG CU. GND. IN 3/4" CONDUIT, UNLESS OTHERWISE NOTED. "#" IDENTIFIES PANEL BOARD CIRCUIT NUMBER. REFER TO CIRCUITING NOTES FOR SPECIFIC PANEL DESIGNATION.

20A, 120V AC, NEMA 5-20R, DUPLEX RECEPTACLE. MOUNTING HEIGHT TO CENTER OF DEVICE = 18" AFF TO CENTER OF DEVICE BOX U.O.N., + = ABOVE COUNTER HEIGHT MOUNT (COORDINATE WITH MILLWORK).

20A, 120V AC, NEMA 5-20R, DOUBLE DUPLEX RECEPTACLE. MOUNTING HEIGHT TO CENTER OF DEVICE = 18" A.F.F., + = ABOVE COUNTER HEIGHT MOUNT (COORDINATE WITH MILLWORK).

20A, 120V AC, NEMA 5-20R, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) TYPE DUPLEX RECEPTACLE. MOUNTING HEIGHT TO CENTER OF DEVICE = 18" A.F.F., + = ABOVE COUNTER HEIGHT MOUNT (COORDINATE WITH

20A, 120V AC, NEMA 5-20R, GROUND FAULT CIRCUIT INTERRUPTER (GFCI) DUPLEX RECEPTACLE WITH WEATHERPROOF COVER. 18" AFF TO CENTER OF DEVICE BOX U.O.N.

20A, 120V AC, NEMA 5-20R, HALF-SWITCHED DUPLEX RECEPTACLE. MOUNTING HEIGHT TO CENTER OF DEVICE = 18" A.F.F., + = ABOVE COUNTER HEIGHT MOUNT (COORDINATE WITH MILLWORK).

20A, 120V AC, NEMA-5-20R CORD REEL RECEPTACLE.

JUNCTION BOX OR EQUIPMENT CONNECTION.

SPECIAL PURPOSE ELECTRICAL RECEPTACLE. NEMA CONFIGURATION AS SHOWN NEXT TO RECEPTACLE 20A, 120-277V AC, SINGLE TOGGLE SWITCH. SWITCH MOUNTING HEIGHT = 48" A.F.F. TO CENTER OF DEVICE

ELECTRICAL POWER PANEL

BOX, U.O.N..

COMMUNICATIONS LEGEND:

COMBINATION TELE/DATA OUTLET CONSISTING OF ONE 4" SQUARE BOX, TILE RING (DEPTH AS REQUIRED), DEVICE PLATE (COLOR AS SPECIFIED BY ARCHITECT/ENGINEER AND/OR OWNER), AND 3/4" CONDUIT STUBBED UP INTO THE NEAREST ACCESSIBLE CEILING. MOUNTING HEIGHT=18" AFF TO THE CENTER OF DEVICE BOX UNLESS

FUTURE TELEVISION OUTLET. PROVIDE STANDARD SQUARE DEVICE BOX, TILE RING (DEPTH AS REQUIRED), DEVICE PLATE (COLOR AS SPECIFIED BY ARCHITECT/ENGINEER AND/OR OWNER), STUB-UP 3/4" CONDUIT TO NEAREST

ACCESSIBLE SPACE. MOUNTING HEIGHT = 18" A.F.F. TO CÉNTER OF DÉVICE. CCTV CAMERA MODEL AXIS #P3719-PLE. CONSISTING OF 4" SQUARE JUNCTION BOX, CAT-6 CABLE RAN BACK TO HEAD END EQUIPMENT, TILE RING(DEPTH AS REQUIRED), AND 1" CONDUIT STUBBED UP INTO EASILY

360° CCTV CAMERA MODEL AXIS #M3058-PLVE, CONSISTING OF 4" SQUARE JUNCTION BOX, CAT-6 CABLE RAN BACK TO HEAD END EQUIPMENT, TILE RING(DEPTH AS REQUIRED), AND 1" CONDUIT STUBBED UP INTO EASILY ACCESSIBLE CEILING SPACE WHEN WALL MOUNTED. CAMERAS SHALL BE PROVIDED BY OWNER'S VENDOR. WP=WEATHER PROOF COVERING

ACCESSIBLE CEILING SPACE WHEN WALL MOUNTED. CAMERAS SHALL BE PROVIDED BY OWNER'S VENDOR.

CCTV OUTDOOR CAMERA MODEL AXIS #P3245-LVE, CONSISTING OF 4" SQUARE JUNCTION BOX, CAT-6 CABLE RAN BACK TO HEAD END EQUIPMENT. TILE RING(DEPTH AS REQUIRED). AND 1" CONDUIT STUBBED UP INTO EASILY ACCESSIBLE CEILING SPACE WHEN WALL MOUNTED. CAMERAS SHALL BE PROVIDED BY OWNER'S VENDOR. WP=WEATHER PROOF COVERING.

ELECTRICAL NOTES AND ABBREVIATIONS

ELECTRICAL PARTIAL RENOVATION FLOOR PLAN

BASIC ELECTRICAL REQUIREMENTS:

- 1. GENERAL: ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE 2020 NATIONAL ELECTRICAL CODE (NEC) AND NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA) STANDARDS UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED. ALL ELECTRICAL WORK SHALL COMPLY WITH ADÀ RECOMMENDATIONS. ALL ELECTRICAL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER BY A LICENSED ELECTRICIAN, OR A CERTIFIED APPRENTICE WORKING UNDER THE DIRECT SUPERVISION OF A LICENSED ELECTRICIAN, USING THE BEST METHODS KNOWN TO THE TRADE AND SHALL PRESENT A NEAT AND PROFESSIONAL APPEARANCE WHEN COMPLETED. THE OWNER RESERVES THE RIGHT TO CHANGE, WITHOUT ADDITIONAL COST, THE LOCATION OF ANY APPARATUS OR OUTLET, PROVIDED SUCH CHANGE DOES NOT ADD MORE THAN 10 FT TO THE FEEDER AND IS ORDERED BEFORE INSTALLATION OF THE AFFECTED PORTION OF THE WORK IS COMMENCED. CONTRACTOR SHALL BRING ALL CONFLICTS ON THE DRAWINGS TO THE OWNERS ATTENTION FOR HIS RESOLUTION. SUCH RESOLUTION SHALL BE IMPLEMENTED WITH OUT COST TO THE OWNER.
- 2. THE CONTRACTOR SHALL SURVEY THE PROJECT SITE PRIOR TO THE BID TO ASSESS ACTUAL FIELD CONDITIONS. FAILURE TO PERFORM THIS INSPECTION BINDS THE CONTRACTOR TO PERFORM THE WORK WITH OUT EXTRA CHARGES DESPITE THE IGNORANCE OF REASONABLY ANTICIPATED CONDITIONS
- 4. ROUGH-INS: THE CONTRACTOR SHALL VERIFY AND COORDINATE THE ROUGH-IN REQUIREMENTS OF EACH ITEM OF EQUIPMENT WITH THE CONTRACTOR SUPPLYING THE EQUIPMENT.
- 5. INSTALLATION: THE ELECTRICAL DRAWINGS INDICATE THE EXTENT AND GENERAL LOCATION AND ARRANGEMENT OF EQUIPMENT AND MATERIALS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH ALL DETAILS OF THE WORK AND VERIFY ALL DIMENSIONS IN THE FIELD SO THAT EQUIPMENT AND MATERIALS WILL BE PROPERLY LOCATED AND READILY ACCESSIBLE. THE CONTRACTOR SHALL SEQUENCE, COORDINATE, AND INTEGRATE THE VARIOUS ELEMENTS OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS. COMPLY WITH THE FOLLOWING REQUIREMENTS:
- A. VERIFY ALL DIMENSIONS BY FIELD MEASUREMENTS.
- B. COORDINATE ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS INSTALLATION WITH OTHER BUILDING COMPONENTS AND
- ARRANGE FOR CHASES. SLOTS, AND OPENINGS IN OTHER BUILDING COMPONENTS DURING PROGRESS OF CONSTRUCTION, TO ALLOW FOR INSTALLATION OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS.
- D. SEQUENCE, COORDINATE, AND INTEGRATE INSTALLATION OF ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS FOR EFFICIENT FLOW OF THE WORK.
- WHERE MOUNTING HEIGHTS ARE NOT INDICATED, INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS TO PROVIDE
- F. INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS TO CONFORM WITH APPROVED SUBMITTAL DATA TO THE GREATEST EXTENT POSSIBLE. CONFORM TO THE ARRANGEMENTS INDICATED ON THE ELECTRICAL DRAWINGS. RECOGNIZING THAT PORTIONS OF THE WORK ARE SHOWN ONLY IN DIAGRAMATIC FORM. WHERE COORDINATION REQUIREMENTS CONFLICT WITH INDIVIDUAL SYSTEM REQUIREMENTS, REFER CONFLICT TO THE ARCHITECT/ENGINEER OR OWNER'S REPRESENTATIVE FOR RESOLUTION.
- G. IN GENERAL, INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS LEVEL AND PLUMB, PARALLEL AND PERPENDICULAR TO BUILDING LINES AND/OR FEATURES AND/OR OTHER BUILDING SYSTEMS.
- H. INSTALL ELECTRICAL EQUIPMENT TO FACILITATE SERVICING, MAINTENANCE, AND REPAIR OR REPLACEMENT OF EQUIPMENT AND COMPONENT PARTS. AS MUCH AS PRACTICAL, CONNECT EQUIPMENT FOR EASE OF DISCONNECTING, WITH MINIMUM OF INTERFERENCE WITH OTHER INSTALLATIONS.
- I. INSTALL ELECTRICAL SYSTEMS, EQUIPMENT, AND MATERIALS GIVING RIGHT-OF-WAY PRIORITY TO SYSTEMS REQUIRED TO BE INSTALLED AT A SPECIFIC SLOPE(INCL. SPRINKLER SYSTEMS).
- CHANNELING, CHASING, OR DRILLING OF FLOORS, WALLS, PARTITIONS, CEILINGS, OR OTHER SURFACES IS NECESSARY FOR THE PROPER INSTALLATION, SUPPORT, OR ANCHORAGE OF CONDUIT OR OTHER ELECTRICAL WORK, THIS WORK SHALL BE CAREFULLY DONE. ANY RESULTING DAMAGE TO THE BUILDING OR OTHER SYSTEMS, EQUIPMENT, OR MATERIALS SHALL BE REPAIRED BY SKILLED MECHANICS OF THE TRADES INVOLVED, AT NO ADDITIONAL COST TO THE OWNER.

6. CUTTING AND PATCHING: ALL ELECTRICAL WORK SHALL BE CAREFULLY LAID OUT IN ADVANCE, AND WHERE CUTTING

- 7. PRODUCTS: SYSTEMS, EQUIPMENT, AND MATERIALS DESCRIBED ON THE ELECTRICAL DRAWINGS ESTABLISH THE MINIMUM STANDARDS FOR QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. ALL SYSTEMS, EQUIPMENT, AND MATERIALS SHALL BE NEW AND SHALL BEAR THE UL LABEL OR BE UL LISTED, WHERE APPLICABLE, AND SHALL BE INSTALLED IN ACCORDANCE WITH THE NEC AND NEMA STANDARDS.
- 8. SUBSTITUTIONS: WHERE SYSTEMS, EQUIPMENT, OR MATERIALS ARE SPECIFIED BY MANUFACTURER OR BRAND NAME AND CATALOG NUMBER, SUCH SPECIFICATION SHALL ESTABLISH THE MINIMUM STANDARDS FOR QUALITY AND STYLE AND SHALL BE THE BASIS OF THE BID. SYSTEMS, EQUIPMENT, AND MATERIALS SO SPECIFIED SHALL BE FURNISHED UNDER THE CONTRACT UNLESS CHANGED BY WRITTEN AGREEMENT. SHOULD THE CONTRACTOR PROPOSE TO FURNISH PRODUCTS OTHER THAN THOSE SPECIFIED, AS PERMITTED BY "OR APPROVED EQUAL" CLAUSES, HE SHALL SUBMIT A WRITTEN REQUEST FOR SAID SUBSTITUTIONS THROUGH APPROPRIATE CHANNELS TO THE ARCHITECT/ENGINEER FOR HIS REVIEW. SUCH REQUEST SHALL BE ACCOMPANIED WITH COMPLETE DESCRIPTIVE LITERATURE INCLUDING, BUT NOT LIMITED TO, CATALOG CUT SHEETS, BROCHURES, CIRCULARS, SPECIFICATIONS, PERFORMANCE DATA, INSTALLATION INSTRUCTIONS, SHOP DRAWINGS, AND OTHER PRINTED INFORMATION IN SUFFICIENT DETAIL AND SCOPE TO VERIFY COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT. DESCRIPTIVE LITERATURE ON PROPOSED SUBSTITUTIONS SHALL BE CLEAR, CONCISE, AND LOGICALLY ARRANGED. ALL DATA WHICH IS, AND IS NOT, APPLICABLE SHALL BE CLEARLY IDENTIFIED AS SUCH. IF REQUESTED, THE CONTRACTOR SHALL SUBMIT SAMPLES OF BOTH SPECIFIED AND PROPOSED ITEMS FOR INSPECTION. DESCRIPTIVE LITERATURE ON PROPOSED SUBSTITUTIONS SHALL BE RETURNED WITHOUT REVIEW IF NOT PROPERLY PREPARED. ACCEPTANCE OR REJECTION OF PROPOSED SUBSTITUTIONS SHALL BE UP TO THE DISCRETION OF THE ARCHITECT/ENGINEER AND/OR THE OWNER.
- 9. SUBMITTALS: THE CONTRACTOR SHALL FOLLOW THE GENERAL PROVISIONS OF THE CONTRACT AND ESTABLISHED PROCEDURES. SUBMITTALS SHALL CONSIST OF COMPLETE DESCRIPTIVE LITERATURE INCLUDING, BUT NOT LIMITED TO, CATALOG CUT SHEETS, BROCHURES, CIRCULARS, SPECIFICATIONS, PERFORMANCE DATA, INSTALLATION INSTRUCTIONS, SHOP DRAWINGS, AND OTHER PRINTED INFORMATION IN SUFFICIENT DETAIL AND SCOPE TO VERIFY COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT. DESCRIPTIVE LITERATURE SHALL BE CLEAR, CONCISE, AND LOGICALLY ARRANGED. ALL DATA WHICH IS, AND IS NOT. APPLICABLE SHALL BE CLEARLY IDENTIFIED AS SUCH. IF REQUESTED, THE CONTRACTOR SHALL SUBMIT SAMPLES OF SPECIFIED ITEMS FOR INSPECTION. DESCRIPTIVE LITERATURE SHALL BE RETURNED WITHOUT REVIEW IF NOT PROPERLY PREPARED. THE FOLLOWING SYSTEMS, EQUIPMENT, AND MATERIALS, AS A MINIMUM, REQUIRE SUBMITTALS:
- A. ANY PROPOSED SUBSTITUTIONS.
- B. WIRING DEVICES.
- C. PANELBOARDS.
- D. DISCONNECT SWITCHES.
- E. CIRCUIT BREAKERS.
- F. LIGHTING FIXTURES INCLUDING BALLASTS.
- 10. RECORD DRAWINGS: THE CONTRACTOR SHALL MAINTAIN AT THE SITE A CLEAN, UNDAMAGED SET OF BLUE- OR BLACK-LINE WHITE PRINTS OF CONTRACT DRAWINGS. THIS RECORD SET OF CONTRACT DRAWINGS SHALL BE MARKED TO SHOW THE ACTUAL INSTALLATION AND WHERE THE ACTUAL INSTALLATION VARIES SUBSTANTIALLY FROM THE ELECTRICAL WORK AS ORIGINALLY SHOWN. MARK WHICHEVER DRAWINGS ARE MOST CAPABLE OF SHOWING CONDITIONS FULLY AND ACCURATELY. GIVE PARTICULAR ATTENTION TO CONCEALED ELEMENTS THAT WOULD BE DIFFICULT TO MEASURE AND RECORD AT A LATER DATE. MARK RECORD DRAWINGS WITH A RED ERASABLE PENCIL; USE OTHER COLORS TO DISTINGUISH BETWEEN VARIATIONS IN SEPARATE CATEGORIES OF THE ELECTRICAL WORK. NOTE CONTRACT MODIFICATIONS AND APPROVED SUBSTITUTIONS WHERE
- 11. PROTECTION OF INSTALLED SYSTEMS, EQUIPMENT, AND MATERIALS: PROTECT INSTALLED SYSTEMS, EQUIPMENT, AND MATERIALS FROM DAMAGE UNTIL FINAL ACCEPTANCE BY THE OWNER. REPAIR OR REPLACE, AT NO ADDITIONAL COST TO THE OWNER, DAMAGED SYSTEMS, EQUIPMENT, AND MATERIALS TO THE SATISFACTION OF THE ARCHITECT/ ENGINEER AND/OR OWNER.
- 12. CLEANING: UPON COMPLETION OF INSTALLATION, INSPECT INTERIOR AND EXTERIOR OF ALL ELECTRICAL EQUIPMENT. REMOVE PAINT SPLATTERS AND OTHER SPOTS, DIRT, AND DEBRIS. TOUCH-UP SCRATCHES AND MARS OF FINISH TO MATCH ORIGINAL
- 13. CERTIFICATIONS: THE FOLLOWING SHALL BE OBTAINED AND SUBMITTED TO THE OWNER PRIOR TO FINAL PAYMENT:
- A. ELECTRICAL SYSTEMS: A CERTIFICATE OF FINAL INSPECTION AND APPROVAL BY THE AUTHORITIES HAVING JURISDICTION.
- 14. GUARANTEE: THE CONTRACTOR SHALL SUBMIT A WRITTEN GUARANTEE TO THE OWNER, PRIOR TO FINAL PAYMENT, THAT WARRANTS THE INSTALLATION SHALL REMAIN FREE OF DEFECTS FOR A PERIOD OF ONE YEAR AFTER FINAL ACCEPTANCE BY THE OWNER. THE GUARANTEE SHALL STATE THAT THE OWNER IS NOT LIABLE FOR PARTS AND LABOR COSTS INCURRED BY THE CONTRACTOR IN THE REPAIR OF ACTUAL PRODUCT OR INSTALLATION DEFECTS. THE GUARANTEE SHALL ALSO STATE THAT THE ON-SITE RESPONSE TIME TO REQUESTS FOR ASSISTANCE WILL BE 24 HOURS FOR NON-EMERGENCY CONDITIONS AND 2 HOURS FOR EMERGENCY CONDITIONS.

ELECTRICAL METHODS:

- 1. WIRING METHODS: UNLESS OTHERWISE INDICATED, WIRING SHALL CONSIST OF CABLES AND WIRES INSTALLED IN RGS CONDUIT, EMT, LIQUIDTIGHT FLEXIBLE METAL CONDUIT AND MC CABLES. RACEWAYS SHALL BE CONCEALED WITHIN FINISHED WALLS AND CEILINGS UNLESS OTHERWISE INDICATED. OTHER THAN ROOF PENETRATIONS REQUIRED TO FEED ROOF MOUNTED EQUIPMENT, RACEWAYS WILL NOT BE ROUTED EXPOSED OUTSIDE OF THE BUILDING.
- RACEWAYS: RACEWAYS SHALL BE PROVIDED WHERE INDICATED AND REQUIRED AND SHALL BE INSTALLED AS SPECIFIED BELOW, UNLESS OTHERWISE INDICATED. MINIMUM RACEWAY SIZE SHALL BE 3/4 IN. RGS CONDUIT SHALL BE USED FOR ALL OUTDOOR INSTALLATIONS. EMT SHALL BE USED FOR ALL INDOOR INSTALLATIONS. LIQUIDTIGHT FLEXIBLE METAL CONDUIT, 6 FT MAXIMUM LENGTH, SHALL BE USED FOR ALL CONDUIT TERMINATIONS AT EQUIPMENT SUBJECT TO VIBRATION. BUSHINGS, MANUFACTURED FITTINGS, OR BOXES PROVIDING EQUIVALENT MEANS OF PROTECTION SHALL BE INSTALLED ON THE ENDS OF ALL CONDUITS AND SHALL BE OF THE INSULATING TYPE WHERE REQUIRED BY THE N.E.C. ONLY LISTED ADAPTERS SHALL BE USED TO CONNECT EMT TO RGS CONDUIT AND CAST METAL BOXES AND CONDUIT BODIES. PENETRATIONS OF SLABS AND FIRE RATED WALLS SHALL BE FIRESTOPPED.
 - BOXES: BOXES SHALL BE PROVIDE IN RACEWAY SYSTEMS WHEREVER REQUIRED FOR PULLING OF WIRES, MAKING CONNECTIONS, AND MOUNTING OF DEVICES OR LIGHTING FIXTURES. IN GENERAL, BOXES SHALL BE CONSTRUCTED OF HOT-DIPPED GALVANIZED FINISHED SHEET STEEL. BOXES FOR METALLIC RACEWAYS, 4 IN. BY 4 IN. NOMINAL SIZE AND SMALLER, SHALL BE OF THE CAST METAL HUB TYPE AND GASKETED WHEN LOCATED OUTSIDE OF THE BUILDING. BOXES SHALL BE LISTED AS SUITABLE FOR THE ENVIRONMENTAL CONDITIONS OF THE LOCATION THEY ARE INSTALLED. BOXES FOR MOUNTING OF LIGHTING FIXTURES SHALL BE NOT LESS THAN 4 IN. SQUARE EXCEPT SMALLER BOXES SHALL BE INSTALLED WHERE REQUIRED BY FIXTURE CONFIGURATION. UNLESS OTHERWISE INDICATED, DEVICE BOXES FOR RECEPTACLES SHALL BE MOUNTED WITH THE CENTER OF THE DEVICE BOX APPROXIMATELY 18 IN. AFF. INDICATED, DEVICE BOXES FOR TOGGLE SWITCHES SHALL BE MOUNTED WITH THE CENTER OF THE DEVICE BOX APPROXIMATELY 48 IN. AFF. BOXES AND BOX SUPPORTS SHALL BE FASTENED TO WOOD WITH WOOD SCREWS OR SCREW TYPE NAILS OF EQUAL HOLDING STRENGTH, WITH BOLTS AND METAL EXPANSION SHIELDS ON CONCRETE AND BRICK, WITH TOGGLE BOLTS ON HOLLOW CMU, AND WITH MACHINE SCREWS OR WELDED STUDS ON STEEL WORK. THREADED STUDS DRIVEN IN BY POWDER CHARGE AND PROVIDED WITH LOCKWASHERS AND NUTS, OR NAIL TYPE NYLON ANCHORS MAY BE USED IN LIEU OF EXPANSION SHIELDS OR MACHINE SCREWS. HANGERS SHALL NOT BE FASTENED OR SUPPORTED FROM JOIST BRIDGING.
 - WIRES AND CABLES: EXAMINE RACEWAYS AND BUILDING FINISHES TO RECEIVE WIRES AND CABLES FOR COMPLIANCE WITH INSTALLATION TOLERANCES AND OTHER CONDITIONS. DO NOT PROCEED WITH INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. PULL WIRES AND CABLES INTO RACEWAY SIMULTANEOUSLY WHERE MORE THAN ONE IS BEING INSTALLED IN THE SAME RACEWAY. USE PULLING COMPOUND OR LUBRICANT WHERE NECESSARY; COMPOUND USED MUST NOT DETERIORATE CONDUCTORS OR INSULATION. USE PULLING MEANS, INCLUDING FISH TAPE, CABLE, ROPE, AND BASKET-WEAVE WIRE/CABLE GRIPS THAT WILL NOT DAMAGE WIRES/CABLES OR RACEWAY. INSTALL EXPOSED CABLE, PARALLEL AND PERPENDICULAR TO WALLS, STRUCTURAL MEMBERS AND FEATURES, MECHANICAL DUCT AND PIPING SYSTEMS, OR INTERSECTIONS OF VERTICAL PLANES AND CEILINGS. HORIZONTAL RUNS OF MC CABLE SHALL BE SUPPORTED ON 3 FT MAXIMUM CENTERS. VERTICAL RUNS OF MC CABLES SHALL BE SUPPORTED ON 6 FT MAXIMUM CENTERS. EXPOSED PLENUM CABLE SHALL BE SUPPORTED ON 3 FT MAXIMUM CENTERS. THE NUMBER OF SPLICES SHALL BE KEPT TO AN ABSOLUTE MINIMUM. WIRING AT EACH OUTLET SHALL BE INSTALLED WITH AT LEAST 8 IN. SLACK.

BRANCH CIRCUIT CONDUCTORS SHALL BE A MINIMUM OF #12 AWG. FOR 120/208V CIRCUITS, WHERE THE DISTANCE EXCEEDS ONE HUNDRED FEET TO THE FIRST DEVICE, THE SIZE OF THE WIRES SHALL BE INCREASED FROM THAT SPECIFIED BY THE FOLLOWING AMOUNTS:

> REMAINDER OF CIRCUIT 0 TO 100 FT. AS SPECIFIED AS SPECIFIED 101 TO 175 FT. ONE STANDARD SIZE AS SPECIFIED 176 TO 300 FT. TWO STANDARD SIZES ONE STANDARD SIZE 301 TO 450FT. THREE STANDARD SIZES TWO STANDARD SIZES

- WIRING DEVICES: INSTALL WIRING DEVICES WHERE INDICATED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTION, APPLICABLE REQUIREMENTS OF THE NEC, AND RECOGNIZED INDUSTRY PRACTICES. INSTALL WIRING DEVICES IN DEVICE BOXES WHICH ARE CLEAN AND FREE FROM DIRT AND CONSTRUCTION MATERIALS AND DEBRIS. INSTALL WIRING DEVICES AFTER WIRING WORK IS COMPLETE. INSTALL DEVICE PLATES AFTER PAINTING WORK IS COMPLETE. TIGHTEN CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. PRIOR TO ENERGIZING CIRCUITS, TEST WIRING FOR ELECTRICAL CONTINUITY AND SHORTS. ENSURE PROPER POLARITY OF CONNECTIONS IS MAINTAINED. SUBSEQUENT TO ENERGIZING, TEST WIRING DEVICES AND DEMONSTRATE COMPLIANCE WITH REQUIREMENTS.
- GROUNDING: ELECTRICAL SYSTEMS AND EQUIPMENT, METALLIC RACEWAYS AND BOXES, CABLE SHIELDS, METALLIC CABLE SHEATHS AND ARMOR, AND OTHER NON-CURRENT CARRYING METALLIC PARTS OF EQUIPMENT SHALL BE GROUNDED IN CONFORMANCE WITH THE NEC. EQUIPMENT GROUND CONDUCTORS SHALL COMPLY WITH NEC ARTICLE 250 FOR SIZES AND QUANTITIES, EXCEPT WHERE LARGER SIZES AND/OR MORE CONDUCTORS ARE INDICATED. PROVIDE SEPARATE INSULATED GROUND CONDUCTOR IN ALL RACEWAYS, REGARDLESS OF RACEWAY TYPE. SEPARATELY DERIVED SYSTEMS AS DEFINED BY THE NEC SHALL BE GROUNDED IN CONFORMANCE WITH NEC ARTICLE 250 PARA. 26. TERMINATE EQUIPMENT GROUND WIRES FOR FEEDERS AND BRANCH CIRCUITS WITH PRESSURE TYPE GROUND LUGS. WHERE METALLIC CONDUITS TERMINATE AT METALLIC HOUSINGS WITHOUT MECHANICAL AND ELECTRICAL CONNECTION TO HOUSING, TERMINATE EACH CONDUIT WITH A GROUNDING BUSHING. CONNECT GROUNDING BUSHINGS WITH A GROUND WIRE TO THE GROUND BUS IN THE HOUSING. BOND ELECTRICALLY NONCONTINUOUS CONDUITS AT BOTH ENTRANCES AND EXITS WITH GROUNDING BUSHINGS AND GROUND WIRES. TIGHTEN GROUNDING AND BONDING CONNECTORS AND TERMINALS, INCLUDING SCREWS AND BOLTS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES.
- 7. DISCONNECTS AND CIRCUIT BREAKERS: PROVIDE DISCONNECTS AND CIRCUIT BREAKERS WHERE INDICATED ON THE ELECTRICAL DRAWINGS AND/OR WHERE REQUIRED BY THE NEC, WHETHER INDICATED ON THE ELECTRICAL DRAWINGS OR NOT. INSTALL DISCONNECTS AND CIRCUIT BREAKERS PLUMB AND LEVEL AND IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. UPON COMPLETION OF INSTALLATION OF DISCONNECTS AND CIRCUIT BREAKERS, ENERGIZE CIRCUITS AND DEMONSTRATE CAPABILITY AND COMPLIANCE WITH REQUIREMENTS. EXCEPT AS OTHERWISE INDICATED, DO NOT DEMONSTRATE DISCONNECTS AND CIRCUIT BREAKERS BY OPERATING THEM UNDER LOAD; HOWEVER, DEMONSTRATE DISCONNECT AND CIRCUIT BREAKER OPERATION THROUGH SIX OPENING/CLOSING CYCLES WITH CIRCUIT UNLOADED. OPEN DISCONNECT AND CIRCUIT BREAKER ENCLOSURES FOR INSPECTION OF INTERIOR, MECHANICAL AND ELECTRICAL CONNECTIONS, FUSE INSTALLATION IF APPLICABLE, AND FOR VERIFICATION OF TYPE AND RATING OF FUSES INSTALLED IF APPLICABLE. CORRECT DEFICIENCIES THEN RETEST TO DEMONSTRATE COMPLIANCE WITH REQUIREMENTS. REMOVE AND REPLACE DEFECTIVE UNITS WITH NEW UNITS AND
- 8. LIGHTING FIXTURES: INSTALL FIXTURES WHERE, AND AT HEIGHTS, INDICATED IN ACCORDANCE WITH FIXTURE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS, REQUIREMENTS OF THE NEC, AND RECOGNIZED INDUSTRY PRACTICES. TIGHTEN ELECTRICAL CONNECTORS AND TERMINALS, INCLUDING GROUND CONNECTIONS, IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED TORQUE-TIGHTENING VALUES. RECESSED OR SEMIRECESSED FIXTURES MAY BE SUPPORTED BY CEILING SUPPORT SYSTEM. INSTALL CEILING SUPPORT SYSTEM RODS OR WIRES AT A MINIMUM OF FOUR (4) RODS OR WIRES PER FIXTURE LOCATED NOT MORE THAN 6 IN. FROM FIXTURE CORNERS. FIXTURES WHICH ARE SMALLER THAN CEILING GRID SHALL BE CENTERED IN ACOUSTICAL CEILING PANEL AND SUPPORTED BY AT LEAST TWO (2) 3/4 IN. METAL CHANNELS SPANNING AND SECURED TO CEILING SYSTEM GRID TEE'S. FIXTURES WHICH LAY-IN CEILING GRID SYSTEM SHALL BE SECURED IN PLACE BY INSTALLATION OF CLIPS WHICH SECURELY FASTEN FIXTURE TO CEILING GRID TEE'S. SUPPORT SURFACE MOUNT FIXTURES GREATER THAN 2 FT IN LENGTH AT A POINT IN ADDITION TO THE OUTLET BOX FIXTURE STUD. UPON COMPLETION OF INSTALLATION AND JUST PRIOR TO DEMONSTRATION, CLEAN AND RELAMP FIXTURES. LAMP FIXTURES WITH SPECIFIED LAMPS IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS. UPON COMPLETION OF INSTALLATION, DEMONSTRATE CAPABILITY AND COMPLIANCE WITH REQUIREMENTS. WHERE POSSIBLE, CORRECT MALFUNCTIONING FIXTURES AT THE SITE, THEN RETEST TO DEMONSTRATE COMPLIANCE; OTHERWISE, REMOVE MALFUNCTIONING UNITS AND REPLACE WITH NEW UNITS AND PROCEED WITH RETESTING. PRIOR TO FINAL ACCEPTANCE, ADJUST AIMABLE FIXTURES AS DIRECTED BY THE ARCHITECT/ENGINEER AND/OR

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ARCHITECTS



315 South Chapel St. Newark, DE 19711 Phone: (302)738-7172

04/10/2025



Delaware # 13559

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11 APRIL 2025

SUSSEX COUNTY COURTHOUSE -JUROR ENTRANCE **ENCLOSURE** MC0201000028A

> 1 The Circle Georgetown, DE 19947

> > JMD

GDR/NSG

AS NOTED

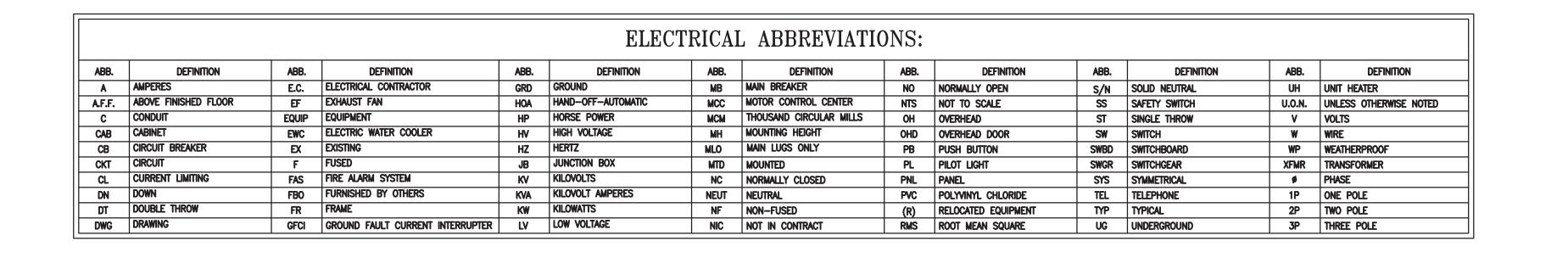
8 APRIL 2025

PROJECT NO: 22056

DRAWN BY: CHECKED BY SCALE: DATE:

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NOTES AND



	LIGHTING FIXTURE SCHEDULE							
TYPE	VOLTAGE	LAMP TYPE	DESCRIPTION	PROPOSED MANUFACTURER / SERIES	NOTES			
×	120V AC	LED 10.8W 3000°K	SURFACE MOUNTED LED, WET LOCATION RATED, SHATTER RESISTANT CLEAR ACRYLIC LENS	MODERN FORMS / FM-W44806-30-SS (OR APPROVED EQUAL)	-			
X1	120V AC	LED 15.7W 3000°K	RECESSED LED DOWNLIGHT	PRESCOLITE / D2LED / 2D9LED 12L 30K8 WFL45 SS WC WT (OR APPROVED EQUAL)	-			
F1	120V AC	55W	CEILING FAN WITH FAN SPEED CONTROLLER	HUNTER / KENNICOTT 51180 (OR APPROVED EQUAL)	_			

EXISTING PANEL LP5 EXISTING PANEL LP5	

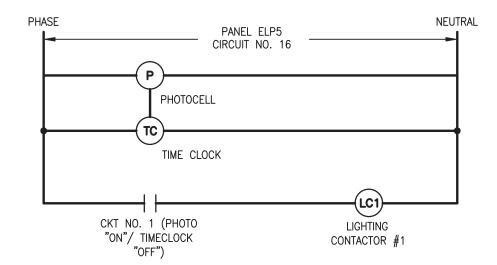
NEW WORK NOTES:

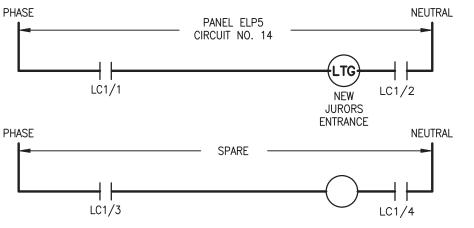
- A. WHERE CONNECTED TO A 20A. BRANCH CIRCUIT SUPPLYING AN INDIVIDUAL RECEPTACLE (SIMPLEX OR DUPLEX), THE RECEPTACLE SHALL BE RATED AT 20A.
- B. COORDINATE ALL WIRING DEVICE LOCATIONS IN FIELD.
- C. EXACT LOCATION OF ALL LIGHT FIXTURES SHALL BE COORDINATED IN FIELD.

KEYED SHEET NOTES:

- NEW LED LIGHTS. LIGHTS SHALL BE CONTROLLED VIA NEW TIMECLOCK/PHOTOCELL RELAY AS SHOWN IN DETAIL 2. LIGHTS SHALL BE FED FROM NEW 20A, SINGLE POLE BREAKER IN EXISTING PANEL ELP5 IN BREAKER SPACE #14. LIGHTING RELAY SHALL BE FED FROM NEW 20A, SINGLE POLE BREAKER IN EXISTING PANEL ELP5 IN BREAKER SPACE #16.
- 2 NEW CEILING FAN. E.C. SHALL PROVIDE NEW FAN SPEED CONTROLLER SWITCH WITH LOCKING, VANDAL—RESISTANT, CLEAR PLASTIC COVER. FAN SHALL BE FED FROM NEW 20A, SINGLE POLE
- BREAKER IN EXISTING PANEL ELP5 IN BREAKER SPACE #12.

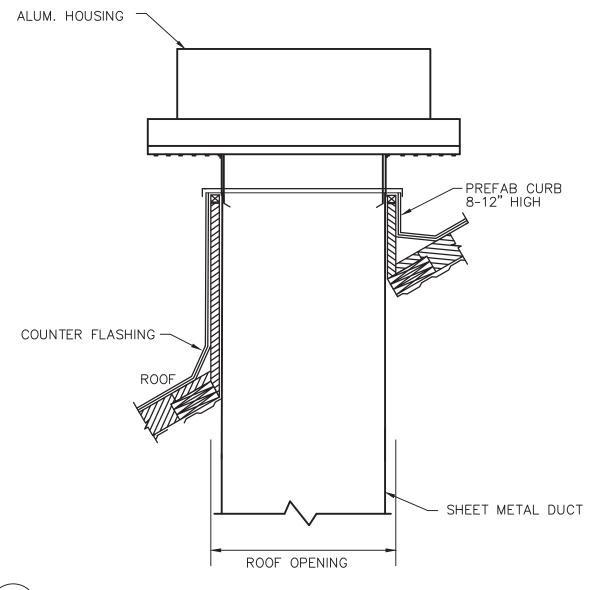
 3 NEW WEATHERPROOF SECURITY CAMERA TO BE TIED INTO EXISTING BUILDING SECURITY SYSTEM.
- NEW WEATHERPROOF HORN-STROBE TO BE TIED INTO EXISTING BUILDING FIRE ALARM SYSTEM.
- PROVIDE NEW GRAVITY VENTILATOR. GRAVITY VENTILATOR SHALL BE LOCATED ON ROOF. PROVIDE ROOF CURB COMPATIBLE WITH SLOPED ROOF. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND ROOF CONSTRUCTION.





LIGHTING CONTROL CONTACTOR SERVING LIGHTS. CONTACTOR SHALL BE INSTALLED IN SURFACE MOUNTED ENCLOSURE. THE ENCLOSURE SHALL BE NEMA 1 RATED, WITH HINGED COVER. PROVIDE AN ENGRAVED PHENOLIC LABEL WITH ONE INCH HIGH, WHITE LETTERING, ON A BLACK BACKGROUND, READING "LIGHTING CONTROL CONTACTOR", AND PLACE CENTERED ON THE COVER OF THE ENCLOSURE. CONTACTOR SHALL BE LOCATED IN MECHANICAL ROOM.

ELECTRICAL – PARITAL RENOVATION FLOOR PLAN SCALE : N.T.S.



ROOF CURB INSTALLATION DETAIL
SCALE: N.T.S.

A R C H I T E C T S

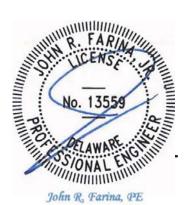
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04/10/2025



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SSUED FO

11 APRIL 2025

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SUSSEX COUNTY
COURTHOUSE JUROR ENTRANCE
ENCLOSURE
MC0201000028A

1 The Circle, Georgetown, DE 19947

PROJECT NO: 22056
DRAWN BY: JMD
CHECKED BY: GDR/NSG

CHECKED BY: GDR/NSG
SCALE: AS NOTED
DATE: 8 APRIL 2025

Convergent - R G Architects - 2025

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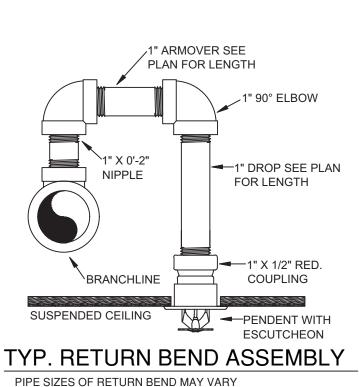
1 ELECTRICAL - PARITAL RENOVATION FLOOR PLAN SCALE: 1/4" = 1'-0"

GENERAL NOTES FOR FIRE-PROTECTION:

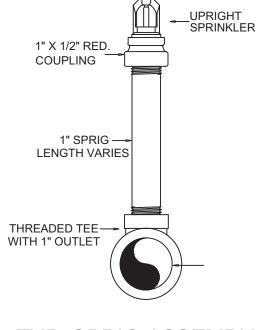
- I. ALL WORK SHALL BE IN CONFORMANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS ADOPTED BY MUNICIPAL, COUNTY, STATE AND FEDERAL AUTHORITIES, UTILITY COMPANIES, INSURANCE AGENCIES AND OTHER AUTHORITIES HAVING JURISDICTION OF AUTHORITIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY OF HIS OWN PERSONAL AND SURROUNDINGS OF THE WORK AREA. THIS INCLUDES PROVIDING ALL NECESSARY BARRICADES, SIGNS, FIRE EXTINGUISHERS, ETC. ALL APPLICABLE OSHA REGULATIONS SHALL APPLY TO THIS WORK. COMPLY WITH ALL OWNER'S SITE SAFETY CONDITIONS.
- THE CONTRACTOR SHALL APPLY FOR, SECURE AND PAY FOR ALL PERMITS AND/OR CERTIFICATES OF INSPECTION REQUIRED IN THE PERFORMANCE OF THE WORK BY ALL AUTHORITIES HAVING JURISDICTION.
- . THESE DOCUMENTS ARE SHOWN DIAGRAMMATICALLY, CONTRACTOR SHALL VERIFY ALL ROUTING FOR POSSIBLE INTERFERENCES BEFORE FABRICATION AND INSTALLATION. CONTRACTORS BID SHALL INCLUDE LABOR, MATERIAL AND EQUIPMENT TO RESOLVE INTERFERENCES.
- ALL COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION ARE NOT SHOWN ON THE DRAWINGS. REFER TO EQUIPMENT INSTALLATION INSTRUCTIONS FOR ADDITIONAL REQUIREMENTS, INCLUDING REQUIRED CONNECTION LOCATIONS, TYPES, & SIZES.
- ALL WORK SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER SO THAT DISRUPTION TO THE AREAS INVOLVED IS KEPT TO A MINIMUM. CONTRACTOR SHALL GIVE OWNER A MINIMUM OF 5 WORKING DAYS NOTICE OF ANY AND ALL WORK THAT WILL INTERFERE WITH THE OWNER'S OPERATION SO A SCHEDULE SUITABLE TO THE OWNER CAN BE ARRANGED. ANY ACCIDENTAL INTERRUPTIONS TO SERVICES SHALL BE REPAIRED IMMEDIATELY BY THE CONTRACTOR WITHOUT ADDITIONAL COST TO THE OWNER.
- 7. THE DRAWINGS GENERALLY INDICATE MAJOR ITEMS OF EXISTING MATERIALS AND EQUIPMENT THAT SHALL BE REMOVED, RELOCATED, REROUTED OR ABANDON BY EACH TRADE. IT IS NOT POSSIBLE TO INDICATE ALL RELATED ACCESSORIES, SPECIALTIES AND OTHER MINOR ITEMS; HOWEVER, THEIR REMOVAL, RELOCATIONS, REROUTING OR ABANDONMENT SHALL ALSO BE INCLUDED IN THIS CONTACT AND SHALL BE DONE AT NO ADDITIONAL COST TO THE OWNER.
- 8. VERIFY ALL FIELD CONDITIONS, ACCESS WAYS, DIMENSIONS AND DETAILS IN THE FIELD PRIOR TO BID AND PRIOR TO FABRICATION. INCLUDE IN BID ALL WORK NECESSARY TO COVER COSTS RESULTING FROM FIELD CONDITIONS.
- IO. IN ADDITION TO SPECIFICS AS MAY BE DEFINED HEREINAFTER THE CONTRACTOR SHALL PROTECT THE WORK SITE AND ALL HIS WORK AGAINST DAMAGE FROM ANY SOURCE (INCLUDING BUT NOT LIMITED TO WATER, DUST, HEAT, FREEZING ETC.) UNTIL FINAL COMPLETION AND ACCEPTANCE BY THE OWNER.
- 11. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND PERFORM ALL LABOR, MATERIAL, EQUIPMENT, INCIDENTALS, METHODS AND SERVICES REQUIRED TO INSTALL ALL WORK INDICATED COMPLETELY AND IN FULL OPERATION. CONTRACTOR SHALL PROVIDE ALL HANGERS, SUPPORTS, NUTS, BOLTS, AND GASKETS AS REQUIRED FOR PROPER SYSTEM INSTALLATION.
- 12. EACH CONTRACTOR SHALL REVIEW "ALL" PROJECT DOCUMENTS OF "ALL" TRADES REVIEWING ALL OF THE PROJECT REQUIREMENTS PRIOR TO BIDDING. DISCREPANCIES BETWEEN DOCUMENTS SHALL BE REPORTED AT THE TIME OF BID.
- 3. CONTRACTOR SHALL PROVIDE ALL PIPING SPECIALTIES AS INDICATED IN DESIGN DOCUMENTS OR NECESSARY FOR PROPER OPERATION OF SYSTEMS SHOWN ON THE DRAWINGS.
- 14. WHERE REQUIRED FOR CLEARANCE, TO AVOID INTERFERENCE OR EQUIPMENT CONNECTIONS, THE MECHANICAL CONTRACTOR SHALL OFFSET PIPES OR CONDUITS AS NECESSARY. SPECIAL FITTINGS OR ADAPTERS SHALL BE PROVIDED TO MAINTAIN GOOD FLOW CHARACTERISTICS. PROPERLY DRAIN AND DRIP WHERE NECESSARY.
- 15. ALL WORK, EQUIPMENT AND MATERIALS SHALL BE PROTECTED AT ALL TIMES. ALL PIPE, DUCT AND EQUIPMENT OPENINGS SHALL BE PROPERLY CAPPED OR PLUGGED DURING INSTALLATION
- PROVIDE STEEL SLEEVES FOR ALL DUCTWORK AND PIPING THAT PASS THROUGH WALLS, FLOORS, CEILING AND ROOF. SEAL PENETRATION WITH AN APPROVED FIRE-STOPPING SYSTEM.
- 17. UNLESS OTHERWISE NOTED, ALL PARTS, EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL BE ASME AND/OR UL-APPROVED.
- 18. CONTRACTOR SHALL COMPLETE ALL CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THE WORK. CUTTING AND PATCHING SHALL BE COMPLETED IN A NEAT AND WORKMANLIKE MANNER. PATCHING MATERIALS SHALL MATCH EXISTING MATERIALS TO THE GREATEST EXTENT POSSIBLE. PROVIDE TOUCH-UP PAINT TO MATCH EXISTING SURROUNDING AREAS OF CUTTING AND PATCHING WORK.
- 19. PRIOR TO ACCEPTANCE OF THE PROJECT, ALL SYSTEMS SHALL BE TESTED, BALANCED AND OPERATED TO DEMONSTRATE TO THE OWNER OR HIS DESIGNATED REPRESENTATIVE THAT THE INSTALLATION AND PERFORMANCE OF THESE SYSTEMS AND/OR PARTS THEREOF CONFORM TO DESIGN INTENT.

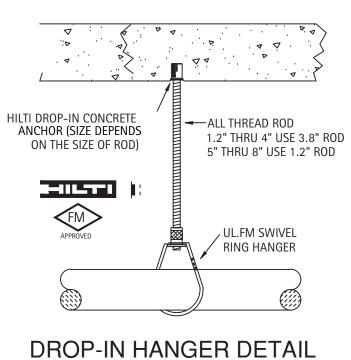
FIRE PROTECTION SPRINKLER SYSTEM NOTES

- THIS PROJECT SHALL BE PROVIDED WITH FULLY OPERATIONAL DRY FIRE PROTECTION SYSTEM FOR THE AREA AS INDICATED. THE GENERAL CONTRACTOR SHALL HIRE A FIRE PROTECTION COMPANY TO ENGINEER AND INSTALL A COMPLETE SYSTEM AS REQUIRED
- 2. INSTALLATION SHALL CONFORM TO NFPA-13, THE TOWNSHIP FIRE CODES AND ALL OTHER LOCAL CODES AND ORDINANCES.
- 3. PROVIDE ALL REQUIRED HANGERS, SUPPORT SYSTEMS REQUIRED FOR FIRE PROTECTION SYSTEM INSTALLATION. ALL HANGERS AND SUPPORTS SHALL BE DESIGNED AND/ OR INSTALLED IN ACCORDANCE WITH NFPA-13.
- 5. NEW SPRINKLER HEADS SHALL BE LOCATED IN AN ARRANGEMENT TO COMPLY WITH THE REQUIREMENTS OF THE FIRE CODE REGULATION.
- 6. ALL SPRINKLER HEADS, SHALL BE SIDEWALL, EXTENDED COVERAGE, DRY TYPE SIMILAR TO VIKING 'VK' SERIES TO MATCH ROOM TYPE. COORDINATE WITH ARCHITECTURAL PLANS. EACH HEAD SHALL BE PROPERLY SELECTED FOR THE TEMPERATURE FOR THE SPACE REQUIRED BY NFPA-13.
- 7. ALL SPRINKLER HEADS SHALL BE LOCATED AT THE SAME HEIGHT AND FINISHED.
- PROVIDE ALL SHOP DRAWING SUBMISSIONS TO THE FIRE MARSHAL'S OFFICE FOR ALL REVIEWS AND APPROVALS. PROVIDE PAYMENT FOR ALL FEES FOR INSPECTION AND REVIEW SERVICES AS REQUIRED BY FIRE MARSHALL'S OFFICE. ALL SUBMISSIONS SHALL HAVE ALL REQUIRED INSTALLATION DATA AND CALCULATIONS REQUIRED FOR FIRE MARSHALL REVIEW.
- 9. CONTRACTOR SHALL PERFORM ALL REQUIRED SYSTEM TESTING ON THE SYSTEM INSTALLATION IN ACCORDANCE WITH NFPA-123, THE DELAWARE STATE FIRE CODE AND ALL LOCAL AUTHORITIES HAVING JURISDICTION. PROVIDE HYDROSTATIC PRESSURE TEST OF SYSTEM AT 50PSI OVER NORMAL SYSTEM WORKING PRESSURE FOR 2-HOURS WITHOUT LEAKS. PERFORM TESTS ON ALL FIRE PROTECTION SYSTEM IN THE PRESENCE OF THE AUTHORITIES HAVING JURISDICTION. PROPERLY FLUSH THE PIPING SYSTEM AS REQUIRED WITH NFPA-13. CONTRACTOR SHALL PROVIDE ALL REPORTS, RECORDS AND DOCUMENTATION TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- 10. UNDERGROUND PIPING TO BE INSTALLED, FLUSHED AND TESTED BY OTHERS
- 11. ALL ALARMS AND CONNECTIONS BY OTHERS. ALL ELECTRIC SUPPLIES AND CONNECTIONS BY OTHERS. ALL SYSTEM SUPERVISION BY OTHERS.
- 12. ALL TEST AND DRAIN CONNECTIONS ACCORDING TO CODE. ALL HANGERS TO BE ACCORDING TO CODE AND SELECTED BASED ON INDUSTRY STANDARD.SYSTEM TO BE HYDROSTATICALLY TESTED AT 200 PSI FOR 2 HOURS, 2" DRAIN TEST, AND ALARM TEST TO BE WITNESSED BY TOWNSHIP AUTHORITY OR OWNER REP.
- 13. PROVIDE COVERAGE AS FOLLOWS:
- 13.1. ORDINARY HAZARDS (GROUP 1 COVERAGE): AREA NOTED IN 2/FP11-1

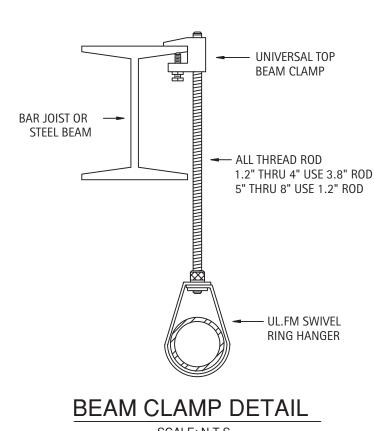


FLEXIBLE ARM-HEAD ARE ACCEPTABLE ALTERNATIVE.

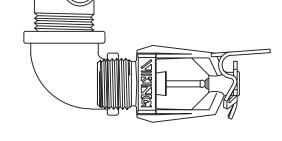




SCALE: N.T.S.

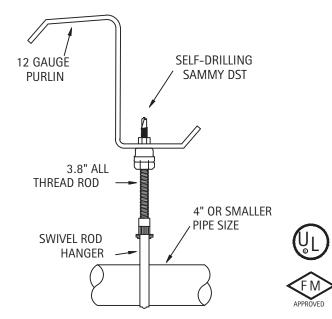


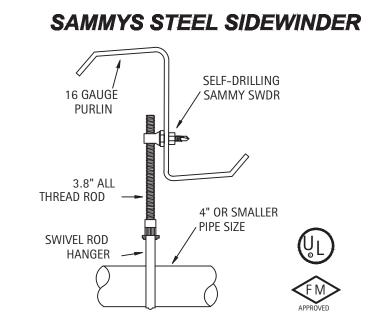
TYP. SPRIG ASSEMBLY
PIPE SIZES OF RETURN BEND MAY VARY



Quick Response - Extended Coverage - 5.6k Viking Horizontal Sidewall Sprinkler VK305

SAMMYS STEEL HANGER





VERTICAL MOUNT HANGER DETAIL
SCALE: N.T.S.

SIDE MOUNT HANGER DETAIL SCALE: N.T.S.

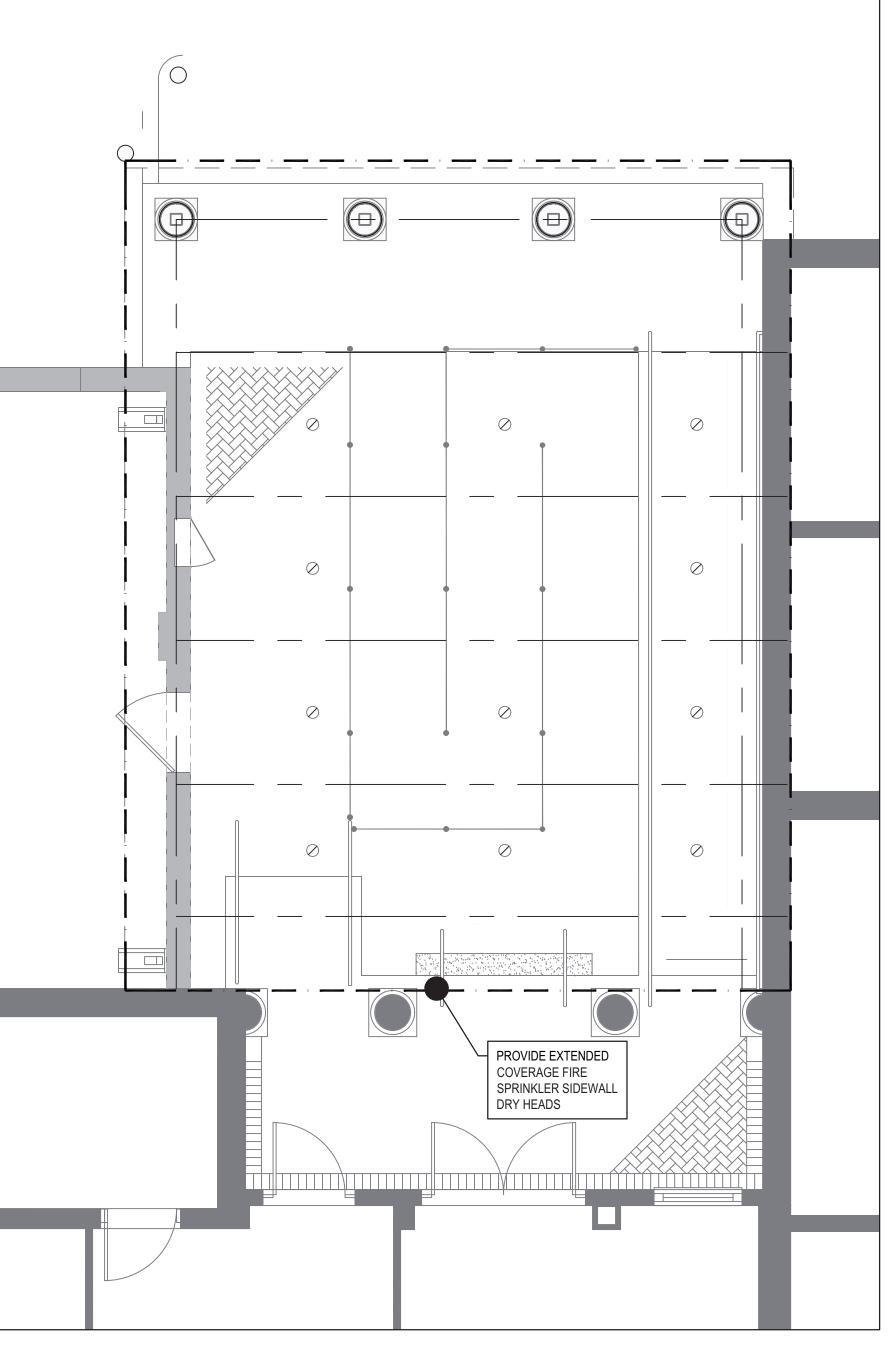
HANGER SCHEDULE MAXIMUM DISTANCE BETWEEN HANGERS

PIPE SIZE (IN.)	3/4"	1"	1¼"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"	5"	6"	8"
STEEL PIPE	N.A	12-0	12-0	15-0	1 5-0	15-0	15-0	1 5-0	15-0	15-0	15-0	1 5-0
THREADED LIGHTWALL	N.A	12-0	12-0	12-0	12-0	12-0	12-0	N.A	N.A	N.A	N.A	N.A
COPPER TUBE	8-0	8-0	10-0	10-0	10-0	12-0	12-0	15-0	15-0	15-0	15-0	15-0
CPVC	5-6	6-0	6-6	7-0	7-0	9-0	10-0	N.A	N.A	N.A	N.A	N.A
POLYBUTYLENE (IPS)	N.A	3-9	4-7	5-0	5-0	N.A	N.A	N.A	N.A	N.A	N.A	N.A
POLYBUTYLENE (CTS)	2-11	3-4	3-11	4-5	4-5	N-A	N.A	N.A	N.A	N.A	N.A	N.A
DUCTILE IRON PIPE	N.A	N.A	N.A	N.A	N.A	N.A	15-0	N.A	15-0	N.A	15-0	15-0

NOTE: ALL HANGERS SHOWN ON THE DRAWING ARE DIAGRAMMATIC ONLYY HANGERS ARE TO BE INSTALLED AS PER THE SCHEDULE ABOVEY

FIRE-PROTECTION - SPRINKLER GENERAL DETAILS

SCALE: NONE



fire protection – partial renovation floor plan $\frac{1}{\text{SCALE}} : \frac{1}{4} = \frac{1}{-0}$ ARCHITECTS

R G Architects, LLC 200 W. Main St., Middletown, DE 19709 302.376.8100 302.376.9851 fax w w w . r g a r c h i t e c t s . n e t



04/10/2025



John R, Farina, PE Delaware # 13559

IMPORTANT - DO NOT DISTRIBUTE -

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BID

11 APRIL 2025

SUSSEX COUNTY
COURTHOUSE JUROR ENTRANCE
ENCLOSURE
MC0201000028A

1 The Circle, Georgetown, DE 19947

PROJECT NO: 22056
DRAWN BY: JMD

CHECKED BY: GDR/NSG SCALE: AS NOTED DATE: 8 APRIL 2025

TITLE & NO.

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