

NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA



NEWBERRY COUNTY DETENTION CENTER RENOVATIONS

3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

GENERAL NOTES

THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL BE REQUIRED TO VISIT THE PREMISES TO INSPECT EXISTING CONDITIONS, BECOME FAMILIAR WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND CORRELATE PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE DRAWINGS.

ALL WORK PERFORMED SHALL BE IN STRICT COMPLIANCE WITH COUNTY REGULATIONS AND CODES, O.S.H.A. STANDARDS, THE CODE STANDARDS LISTED, EXECUTED IN ACCORDANCE WITH ACCEPTED INDUSTRY STANDARDS, AND CONFORM TO SPECIFIC REGULATIONS AS MANDATED BY THE OWNER AND THE ARCHITECT.

IT SHALL BE THE GENERAL CONTRACTOR'S RESPONSIBILITY TO INSURE THE PROCUREMENT OF ALL REQUIRED AND NECESSARY PERMITS. ALL CONTRACTORS SHALL OBTAIN NECESSARY AND APPLICABLE, CITY/COUNTY PERMITS, INSPECTIONS AND APPROVAL PRIOR TO THE COMMENCEMENT OF ANY WORK AND CERTIFICATE OF OCCUPANCY UPON COMPLETION OF PROJECT. CONTRACTOR SHALL FURNISH COPIES OF PERMITS, INSPECTIONS AND CERTIFICATES TO OWNER UPON REQUEST.

CONTRACTOR SHALL BE REQUIRED TO COORDINATE WORK SCHEDULE TO MINIMIZE DISRUPTION OF NORMAL ACTIVITIES AND TO AVOID INTERFERENCE WITH ADJACENT OPERATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING ADEQUATE PRECAUTIONS TO PROTECT SURROUNDINGS, MATERIALS AND EXISTING FINISHES THROUGHOUT ALL PHASES OF CONSTRUCTION AREAS AND OCCUPIED OR PUBLIC AREAS TO BE MAINTAINED BY CONTRACTOR. DAMAGE TO EXISTING-TO-REMAIN CONSTRUCTION, MATERIALS OR EQUIPMENT TO BE RESTORED TO ORIGINAL CONDITION.

CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OF TRASH AND DEBRIS FROM JOB SITE ON A DAILY BASIS. FINAL CLEAN-UP WITHIN SCOPE OF WORK.

GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF ALL RELATED TRADES AND VENDORS NECESSARY TO THE COMPLETION OF THE JOB ON A TIMELY BASIS.

DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. SUBMIT TO ARCHITECT ANY DISCREPANCIES FOR CLARIFICATION

ALL WORK SHALL BE IN COMPLIANCE WITH THE INTERNATIONAL BUILDING CODE, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, CURRENT EDITION OF NATIONAL ELECTRIC CODE, INTERNATIONAL PLUMBING, AND MECHANICAL CODE, RECOGNIZED INDUSTRY STANDARDS, CRAFTSMANSHIP STANDARDS IN THE AREA, ALL MANUFACTURERS RECOMMENDATIONS, AND ALL OTHER APPLICABLE CODES.

THE DESIGN PROFESSIONAL DOES NOT GUARANTEE THE PERFORMANCE OF THE PROJECT IN ANY RESPECT OTHER THAN THAT OUR PROFESSIONAL WORK AND JUDGEMENT RENDERED MEET THE STANDARDS OF CARE OF OUR PROFESSION.

THE LOCATION OF THE EXISTING UTILITIES AND STRUCTURES SHOWN HEREON ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF SUCH, WHETHER SHOW HEREON OR NOT, PRIOR TO ANY EXCAVATION ANY DAMAGES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.

THE FLOOR ON BOTH SIDES OF A DOOR SHALL BE LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR, FOR A DISTANCE ON EACH SIDE EQUAL TO THE WIDTH OF THE WIDEST SINGLE DOOR.

FIRE EXTINGUISHERS SHALL BE LOCATED PER THE REQUIREMENTS OF NFPA 10. THE SIZE SHALL BE A MINIMUM OF 2 A 10 BC 1 AND SHALL BE INSTALLED AT A MAXIMUM OF 48' A.F.F. TO THE TOP OF THE HANDLE.

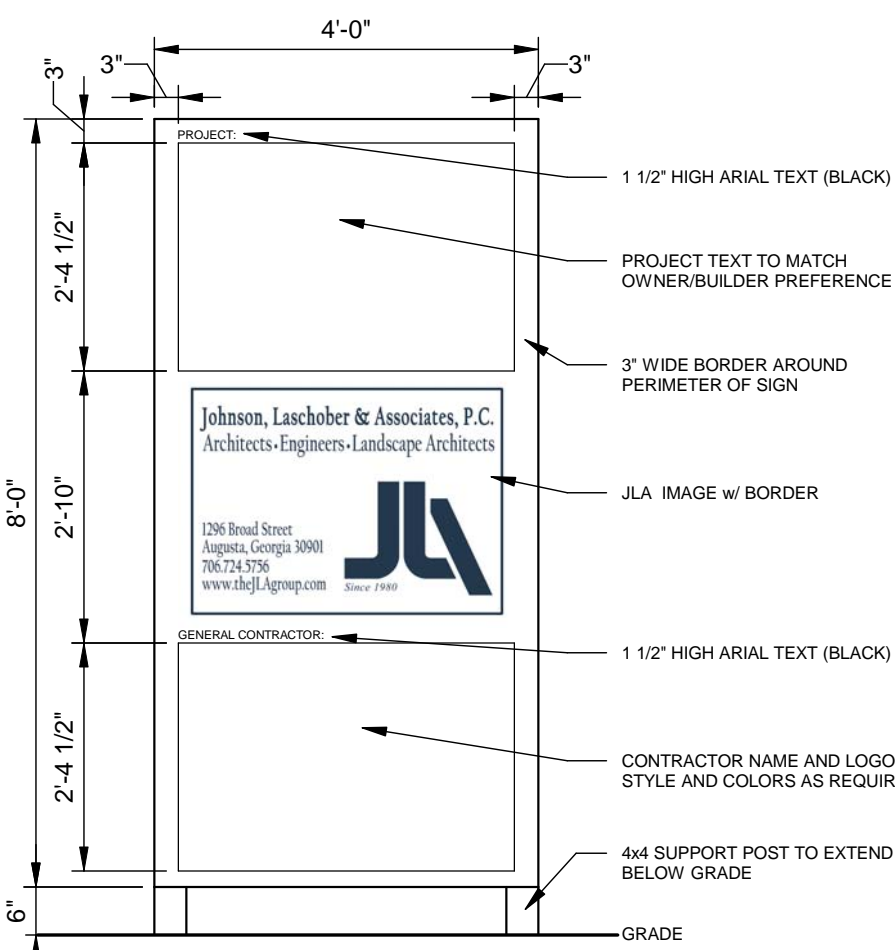
PROVIDE CONT. SOLID BLOCKING, AS REQUIRED, IN WALLS TO RECEIVE ACCESSORY ITEMS INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
HANDRAILS
TOILET ROOM ACCESSORIES
GRAB BARS
FIRE EXTINGUISHER CABINETS & BRACKETS
CABINETS AND SHELVES

CLEAN WALLS, DOORS, DOOR FRAMES, HANDRAILS, GUARDRAILS, ETC. PER MANUFACTURERS RECOMMENDATIONS PRIOR TO SEALING AND PAINTING.

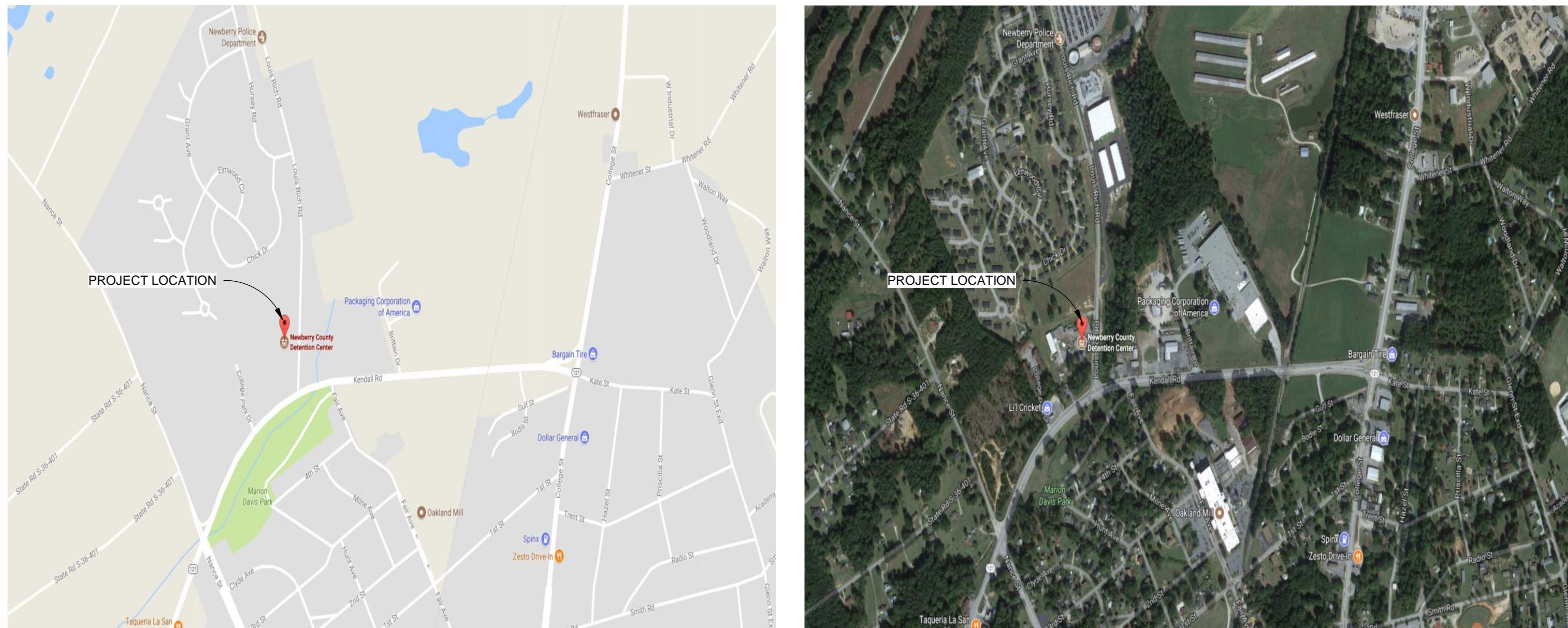
REFER TO THE STRUCTURAL DRAWINGS FOR INFORMATION ON CONSTRUCTION AND CONTROL JOINTS IN CONCRETE SLABS AND CONCRETE AND MASONRY WALLS. SLAB JOINTS ARE SPECIFIED AND LOCATED ON THE STRUCTURAL DRAWINGS.

TEMPORARY SIGNS: PROVIDE OTHER SIGNS AS REQUIRED TO INFORM PUBLIC AND INDIVIDUALS SEEKING ENTRANCE TO PROJECT. PROVIDE TEMPORARY, DIRECTIONAL SIGNS FOR CONSTRUCTION PERSONNEL AND VISITORS. MAINTAIN AND TOUCHUP SIGNS SO THEY ARE LEGIBLE AT ALL TIMES.

JOBSITE SIGN



PROJECT LOCATION MAP



PROJECT TEAM

OWNER

NEWBERRY COUNTY CPST
CRYSTAL WALDROP, PURCHASING DIRECTOR
P.O. BOX 156
NEWBERRY, SC 29108
PHONE: 803-321-2100
EMAIL: cwaldrop@newberrycounty.net

OWNER'S REP/ 24 HOUR CONTACT

CUMMING CORPORATION
BARRY EVANS, VICE PRESIDENT
720 LADY STREET
COLUMBIA, SOUTH CAROLINA 29201
PHONE: 706-953-7266
EMAIL: beavans@ccorpusa.com

ARCHITECT

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CIVIL ENGINEER

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CURTIS WILLIAMSON, P.E.
1296 BROAD STREET
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PHONE: 706-724-5756
EMAIL: cwilliamson@thejlagroup.com

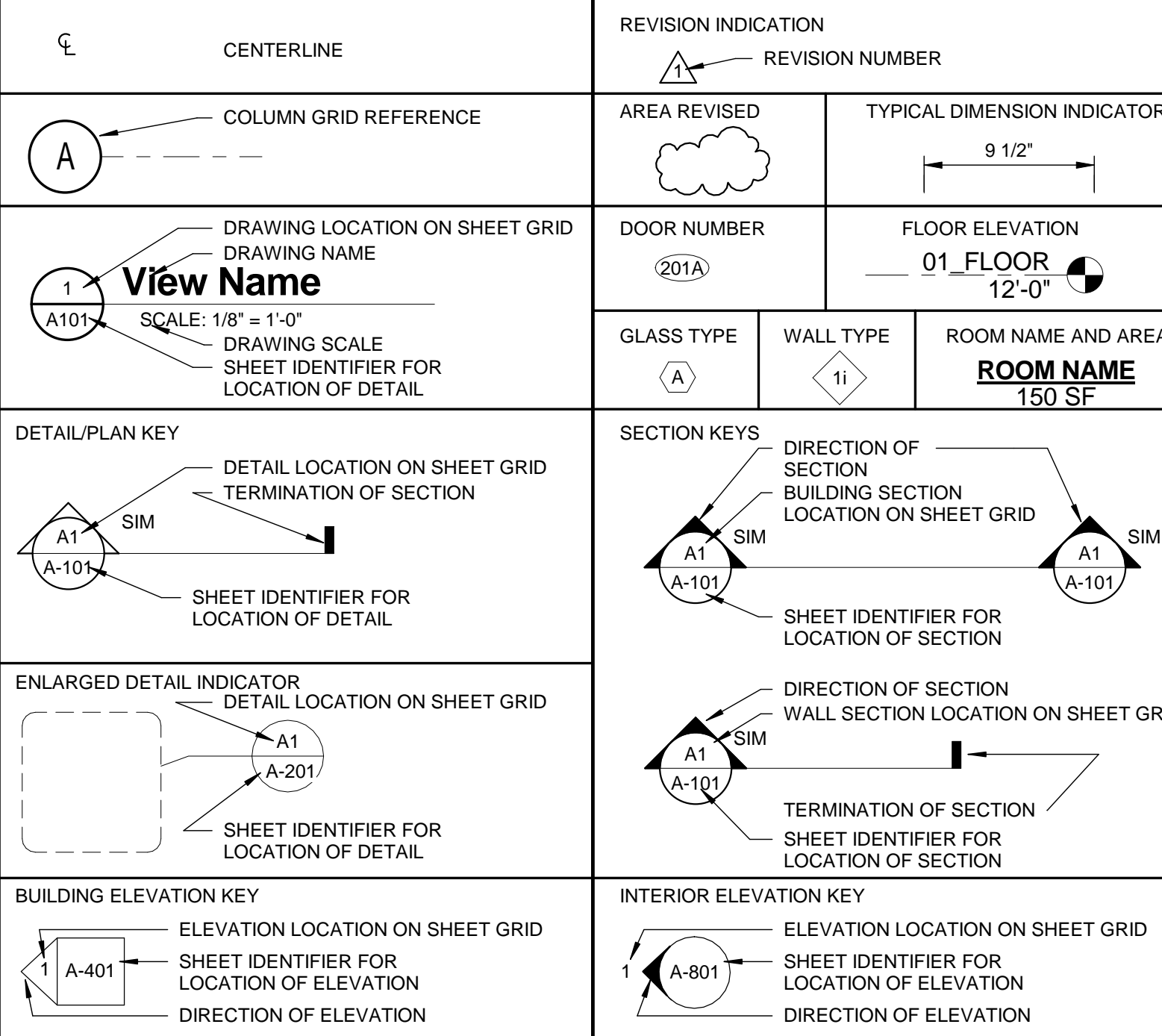
FIRE PROTECTION ENGINEER

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CURTIS WILLIAMSON, P.E.
1296 BROAD STREET
AUGUSTA, GEORGIA 30901
PHONE: 706-724-5756
EMAIL: cwilliamson@thejlagroup.com

ELECTRICAL ENGINEER

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GRAPHIC SYMBOLS



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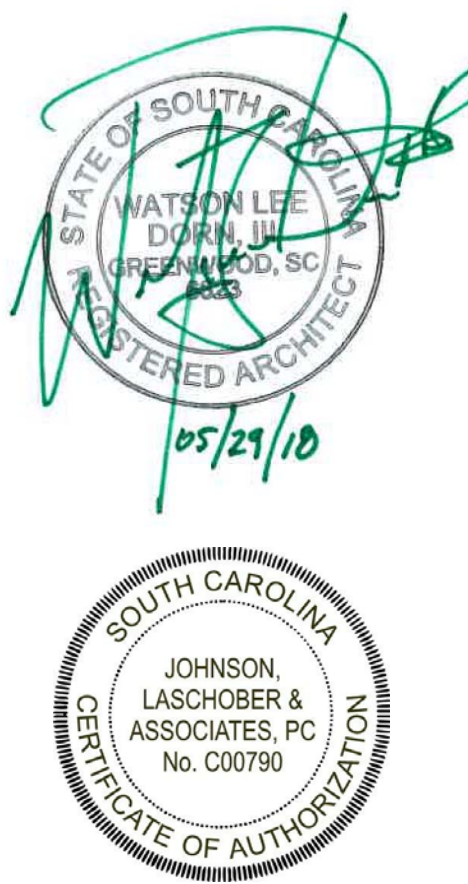
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ALTERNATES TO BASE BID

- RENOVATE EXISTING GROUP RESTROOM IN PUBLIC WORKS BUILDING. PROVIDE TWO PORT-O-JONS AS EMERGENCY BACKUP.
- REMOVE FOUR (4) EXISTING HVAC SYSTEMS (EQUIPMENT ONLY) IN THE PUBLIC WORKS BUILDING, AND REPLACE WITH NEW. EQUIPMENT INCLUDES AN OUTDOOR CONDENSING UNITS, INDOOR GAS FURNACE, AND INDOOR COOLING COILS.
- REMOVE EXISTING LIGHT FIXTURES AND REPLACE w/ NEW LED FIXTURES IN NON-SECURE COMMON AREAS OF DETENTION CENTER, AS INDICATED ON DRAWING E-101.
- PROVIDE AND INSTALL THREE (3) POINT-OF-USE TANKLESS WATER HEATERS TO SERVE SECURITY SHOWERS LOCATED IN ROOMS 41, 52, 53, AND 54.
- REINSTALL EXISTING SECURITY DOOR AND FRAME IN NEW MASONRY OPENING. COORDINATE w/ ARCHITECT BEFORE REMOVAL
- PROVIDE CERAMIC TILE FLOOR COVERING & BASE IN ROOM 16; TO BE CT-2.PROVIDE CERAMIC TILE FLOOR COVERING & BASE IN ROOM 16; TO BE CT-2.

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CLIENT:
NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
PROJECT NAME:
NEWBERRY COUNTY DETENTION
CENTER RENOVATIONS
PROJECT LOCATION:
3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

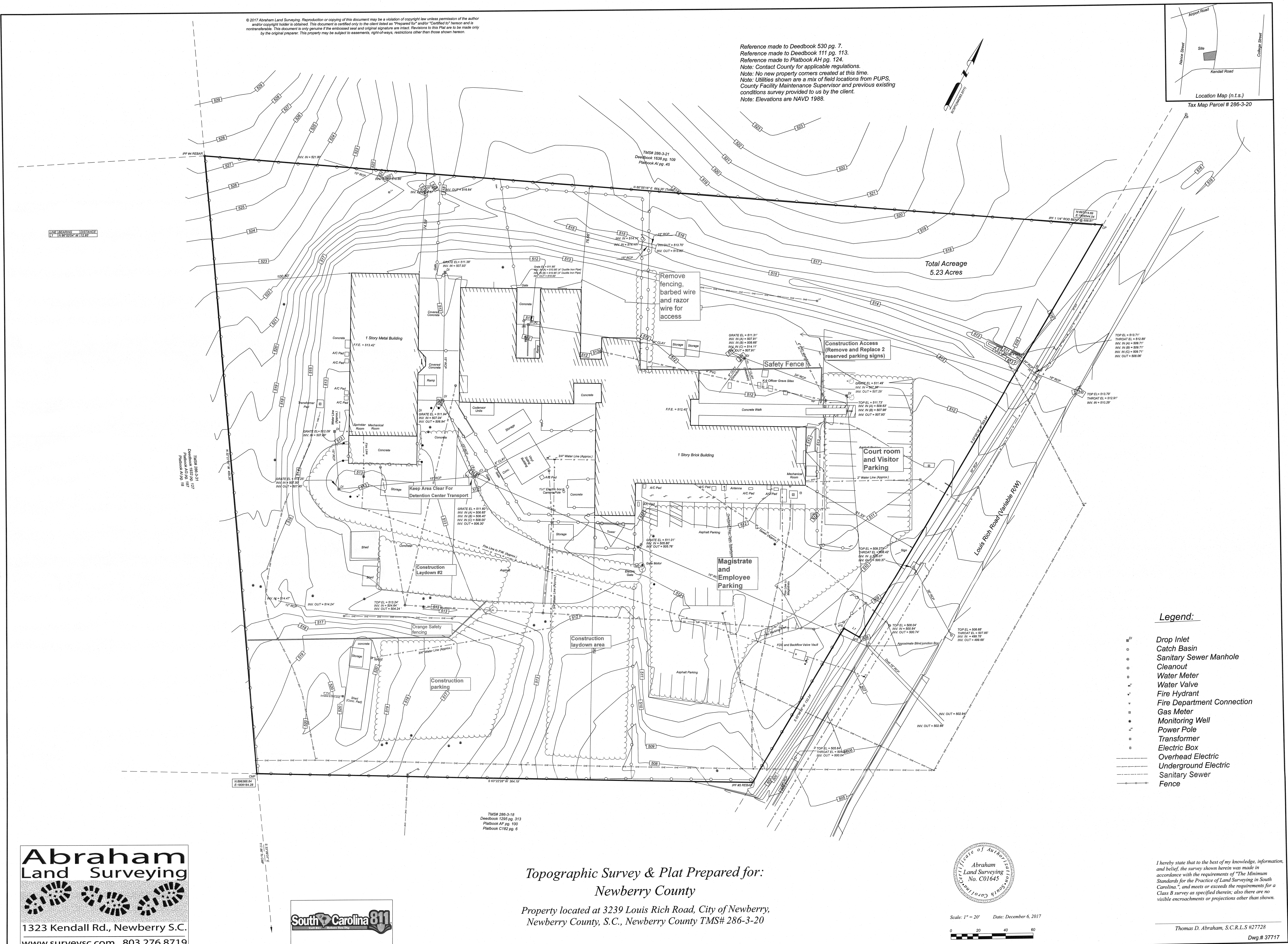


REV	DATE	WILD	BY	DESCRIPTION
0	05/29/18			ISSUED FOR BID

PROJECT NO. 3606.1701
DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE:

COVER SHEET
SCALE AS NOTED
DRAWING NO. **G-001** REV. **0**

A
B
C
D



Newberry County Detention Center Construction Phasing Plan

Main Detention Center (not including Kitchen) Area A – 215 Calendar Days to Achieve Substantial Completion from the City of Newberry and the State Department of Corrections. All related punch list work in these areas will have to be done within the overall timeframe allowed.

Main Detention Center Kitchen Renovations – 90 Calendar Days to achieve agency approval from DHEC, the State Department of Corrections, and any other City or County official.

Magistrate Suite & Locker Room Toilets/Main Lobby/Court Rooms/Public Restrooms, Area B – 123 Calendar Days. Owner will turn over Area B for the General Contractor on or about **October 1, 2018**. Area B shall achieve Substantial Completion from the City of Newberry and State Department of Corrections no later than or before Area A.

Public Works Building - Alternates No. 1 Plumbing and Shower Improvements and No. 2 Mechanical System Replacements.

PW Building, Based upon the award of alternates No. 1 and No. 2, the General Contractor will be allowed thirty (30) days to complete the associated scope of work. The thirty (30) days will commence only after the shop drawing and submittals are returned as approved by the design professional and only after the contractor has procured all the necessary materials, equipment, and labor needed to complete the work in full. In addition to having the necessary items, proper notification must be given to Captain Daniel Floyd, so that temporary measures can be implemented for the employees and work release individuals within this facility. Replacement of the new Split System Mechanical units will need to be coordinated in a manner so as not to render the complete building without air conditioning at one time. The heating side of the new systems will need to be operable no later than mid October 2018 or temporary heating measures will need to be provided by the General Contractor of record.

GENERAL NOTES:

- ALL GRASSSED AREAS DISTURBED DURING CONSTRUCTION SHALL BE RETURNED TO PRE-CONSTRUCTION STATUS AT THE END OF THE PROJECT. GRADE SMOOTH THE AREAS WHERE CONSTRUCTION TRAFFIC DISRUPTED SITE WATER FLOW AND RESEED.
- FENCING THAT IS SCHEDULED TO BE REMOVED SHALL BE DONE IN SUCH A MANNER AS TO PROTECT AND ALLOW THE FENCE TO BE REINSTALLED AT THE COMPLETION OF THE PROJECT. ANY FENCING THAT IS DAMAGED WILL BE REPLACED BY THE GENERAL CONTRACTOR.
- CONSTRUCTION TO MAINTAIN SITE ACCESSIBILITY TO THE EMPLOYEE/ MAGISTRATE COURT/ VISITOR PARKING AREAS AT ALL TIMES.
- CONSTRUCT TEMPORARY SAFETY FENCING AS INDICATED TO PROVIDE A SEPARATION BETWEEN THE CONSTRUCTION AREA AND ENTRANCE TO THE BUILDING.
- MAINTAIN A CLEAR PATH OF TRAVEL FROM THE SECURITY GATE TO THE PUBLIC WORKS BUILDING FOR DETENTION CENTER TRANSPORT OF INMATES.



NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
**NEWBERRY COUNTY DETENTION
CENTER RENOVATIONS**

PROJECT LOCATION:
3239 LOUIS RICH ROAD, NEWBERRY, SC 29108



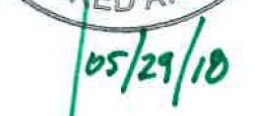
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0	05/29/18				

PROJECT NO. 3606.1701
DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE:
STAGING PLAN

SCALE AS NOTED
DRAWING NO. **C-102**
REV. 0

3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

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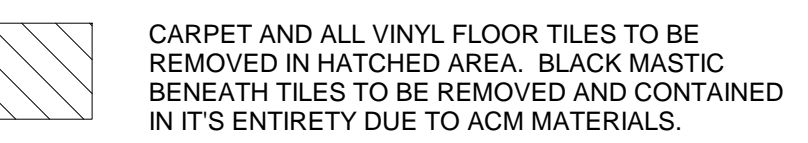


PROJECT NO.	3606.1701
OWN BY:	Author
CHECKED BY:	Checker
DATE:	10/17/17
PROJECT TITLE:	

F	AS NOTED
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WORKING NO.	REV.
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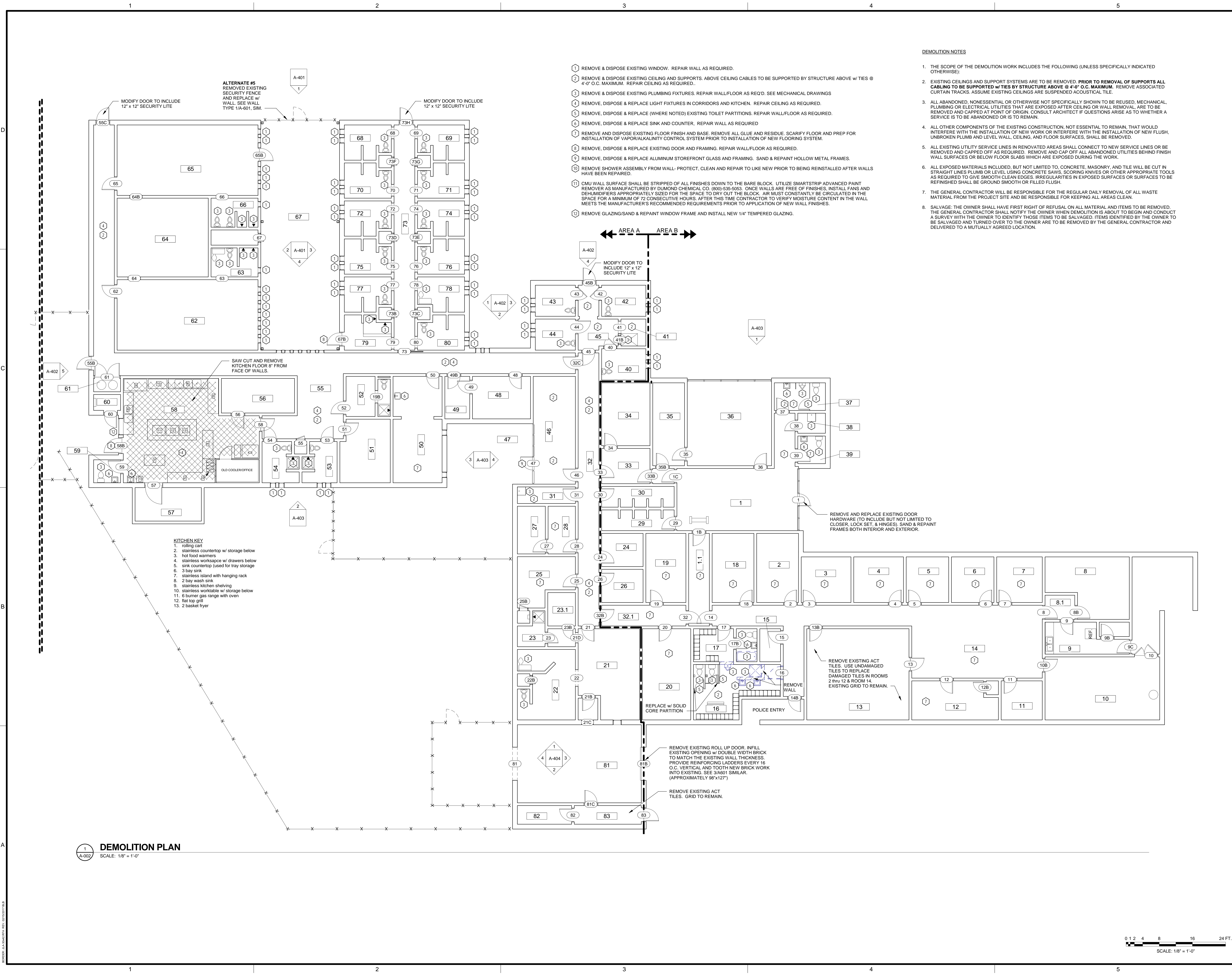
A-001	0
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1. rolling cart
2. stainless countertop w/ storage below
3. hot food warmers
4. stainless worksapce w/ drawers below
5. sink countertop (used for tray storage)
6. 3 bay sink
7. stainless island with hanging rack
8. 2 bay wash sink
9. stainless kitchen shelving
10. stainless worktable w/ storage below
11. 6 burner gas range with oven
12. flat top grill
13. 2 basket fryer

DEMOLITION OF ASBESTOS CONTAINING MATERIAL
SCALE: 1/8" = 1'-0"

1
A-001



- DEMOLITION NOTES**
1. THE SCOPE OF THE DEMOLITION WORK INCLUDES THE FOLLOWING (UNLESS SPECIFICALLY INDICATED OTHERWISE).
 2. EXISTING CEILINGS AND SUPPORT SYSTEMS ARE TO BE REMOVED. **PRIOR TO REMOVAL OF SUPPORTS ALL CABLING TO BE SUPPORTED W/ TIES BY STRUCTURE ABOVE @ 4'-0" O.C. MAXIMUM.** REMOVE ASSOCIATED CURTAIN TRACKS. ASSUME EXISTING CEILINGS ARE SUSPENDED ACOUSTICAL TILE.
 3. ALL ABANDONED, NONESSENTIAL OR OTHERWISE NOT SPECIFICALLY SHOWN TO BE REUSED, MECHANICAL, PLUMBING OR ELECTRICAL UTILITIES THAT ARE EXPOSED AFTER CEILING OR WALL REMOVAL, ARE TO BE REMOVED AND CAPPED AT POINT OF ORIGIN. CONSULT ARCHITECT IF QUESTIONS ARISE AS TO WHETHER A SERVICE IS TO BE ABANDONED OR IS TO REMAIN.
 4. ALL OTHER COMPONENTS OF THE EXISTING CONSTRUCTION, NOT ESSENTIAL TO REMAIN, THAT WOULD INTERFERE WITH THE INSTALLATION OF NEW WORK OR INTERFERE WITH THE INSTALLATION OF NEW FLUSH, UNBROKEN PLUMB AND LEVEL WALL, CEILING, AND FLOOR SURFACES, SHALL BE REMOVED.
 5. ALL EXISTING UTILITY SERVICE LINES IN RENOVATED AREAS SHALL CONNECT TO NEW SERVICE LINES OR BE REMOVED AND CAPPED OFF AS REQUIRED. REMOVE AND CAP OFF ALL ABANDONED UTILITIES BEHIND FINISH WALL SURFACES OR BELOW FLOOR SLABS WHICH ARE EXPOSED DURING THE WORK.
 6. ALL EXPOSED MATERIALS INCLUDED, BUT NOT LIMITED TO, CONCRETE, MASONRY, AND TILE WILL BE CUT IN STRAIGHT LINES PLUMB OR LEVEL USING CONCRETE SAWS, SCORING KNIVES OR OTHER APPROPRIATE TOOLS AS REQUIRED TO GIVE SMOOTH CLEAN EDGES. IRREGULARITIES IN EXPOSED SURFACES OR SURFACES TO BE REFINISHED SHALL BE GROUND SMOOTH OR FILLED FLUSH.
 7. THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR THE REGULAR DAILY REMOVAL OF ALL WASTE MATERIAL FROM THE PROJECT SITE AND BE RESPONSIBLE FOR KEEPING ALL AREAS CLEAN.
 8. SALVAGE: THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL MATERIAL AND ITEMS TO BE REMOVED. THE GENERAL CONTRACTOR SHALL NOTIFY THE OWNER WHEN DEMOLITION IS ABOUT TO BEGIN AND CONDUCT A SURVEY WITH THE OWNER TO IDENTIFY THOSE ITEMS TO BE SALVAGED. ITEMS IDENTIFIED BY THE OWNER TO BE SALVAGED AND TURNED OVER TO THE OWNER ARE TO BE REMOVED BY THE GENERAL CONTRACTOR AND DELIVERED TO A MUTUALLY AGREED LOCATION.

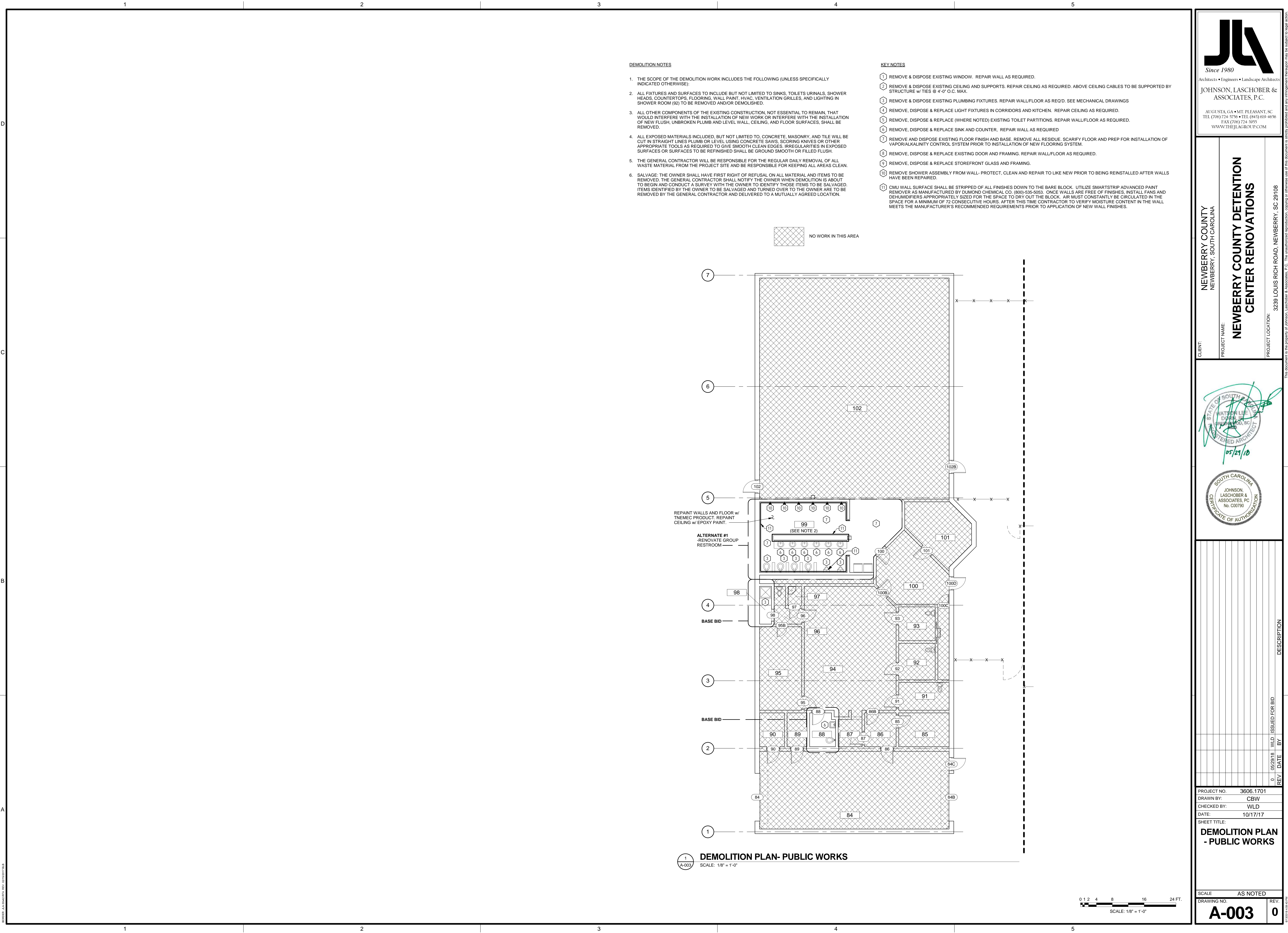
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CLIENT: NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
PROJECT NAME: **NEWBERRY COUNTY DETENTION CENTER RENOVATIONS**
PROJECT LOCATION: 3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

STATE OF SOUTH CAROLINA
JAMES H. WATSON, III
REGISTERED ARCHITECT
05/21/10
SOUTH CAROLINA
JOHNSON, LASCHNER & ASSOCIATES, P.C.
No. C00790
CERTIFICATE OF AUTHORIZATION

REV	DATE	BY	WLD	ISSUED FOR BID	DESCRIPTION
0	05/29/18				

PROJECT NO. 3606.1701
DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE: **DEMOLITION PLAN - DETENTION CENTER**
SCALE: AS NOTED
DRAWING NO. **A-002** REV. 0



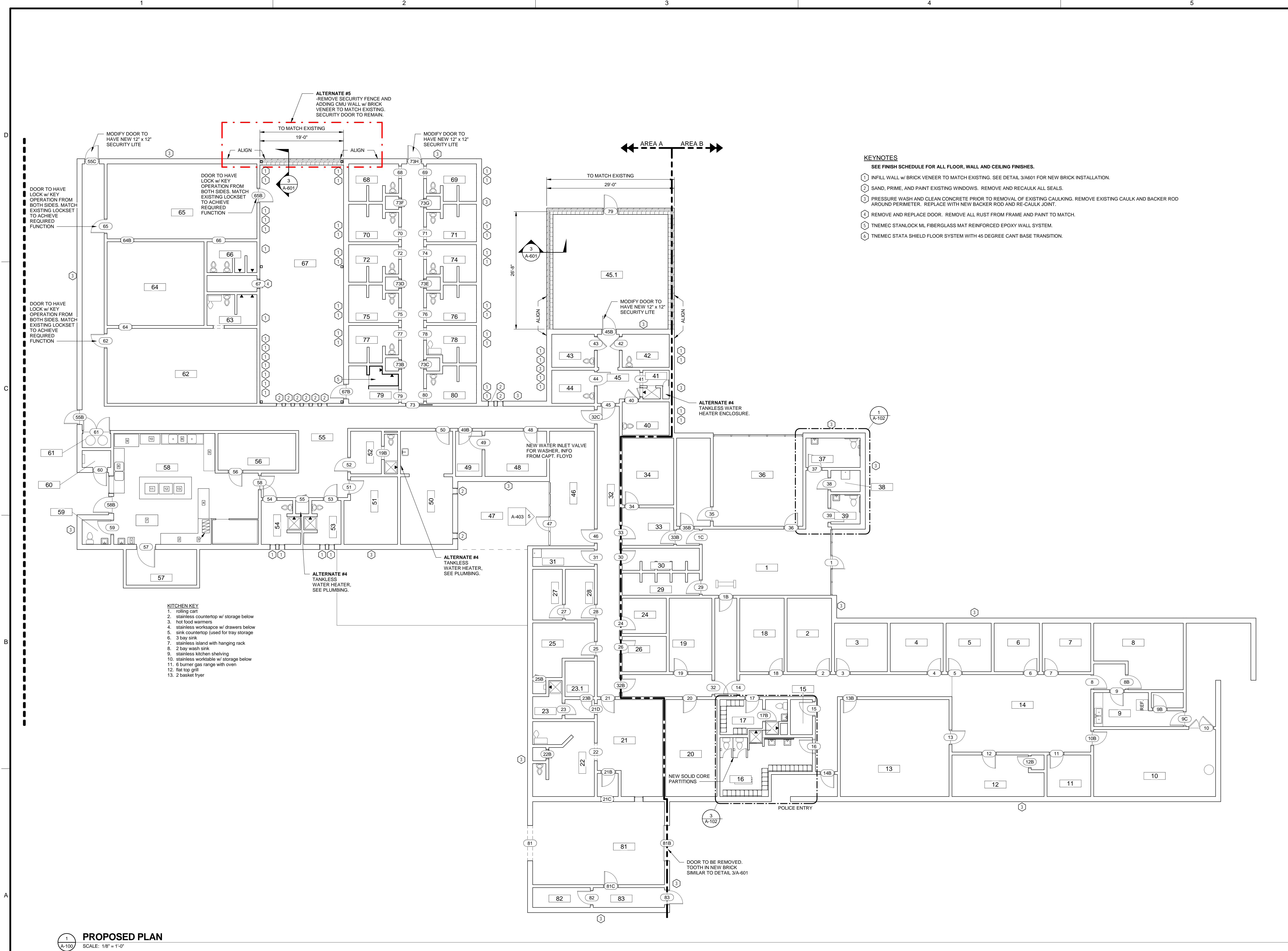
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CLIENT: NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
PROJECT NAME: **NEWBERRY COUNTY DETENTION CENTER RENOVATIONS**
PROJECT LOCATION: 3238 LOUIS RICH ROAD, NEWBERRY, SC 29108

STATE OF SOUTH CAROLINA
WATSON LEE
DURHAM, NC
REGISTERED ARCHITECT
05/21/10
SOUTH CAROLINA
JOHNSON, LASCHNER & ASSOCIATES, PC
No. C00790
CERTIFICATE OF AUTHORIZATION

REV				DATE	BY	WLD	ISSUED FOR BID	DESCRIPTION
0	05/29/18							

PROJECT NO. 3606.1701
DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE: **DEMOLITION PLAN - PUBLIC WORKS**
SCALE: AS NOTED
DRAWING NO. **A-003** REV. 0



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NEWBERRY, SOUTH CAROLINA
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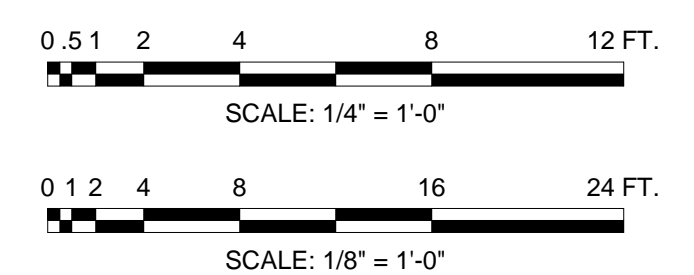
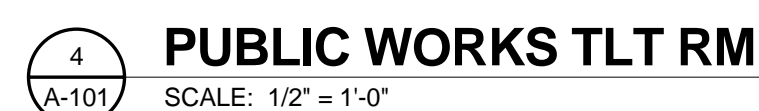
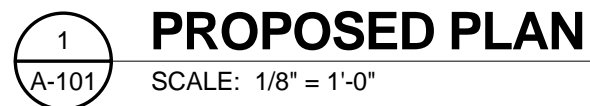
STATE OF SOUTH CAROLINA
WATSON LEE
DANIEL L. WATSON
REGISTERED ARCHITECT
05/21/10
SOUTH CAROLINA
JOHNSON, LASCHNER & ASSOCIATES, P.C.
No. C00790
CERTIFICATE OF AUTHORIZATION

REV	DATE	BY	WLD	ISSUED FOR BID	DESCRIPTION
0	05/29/18				

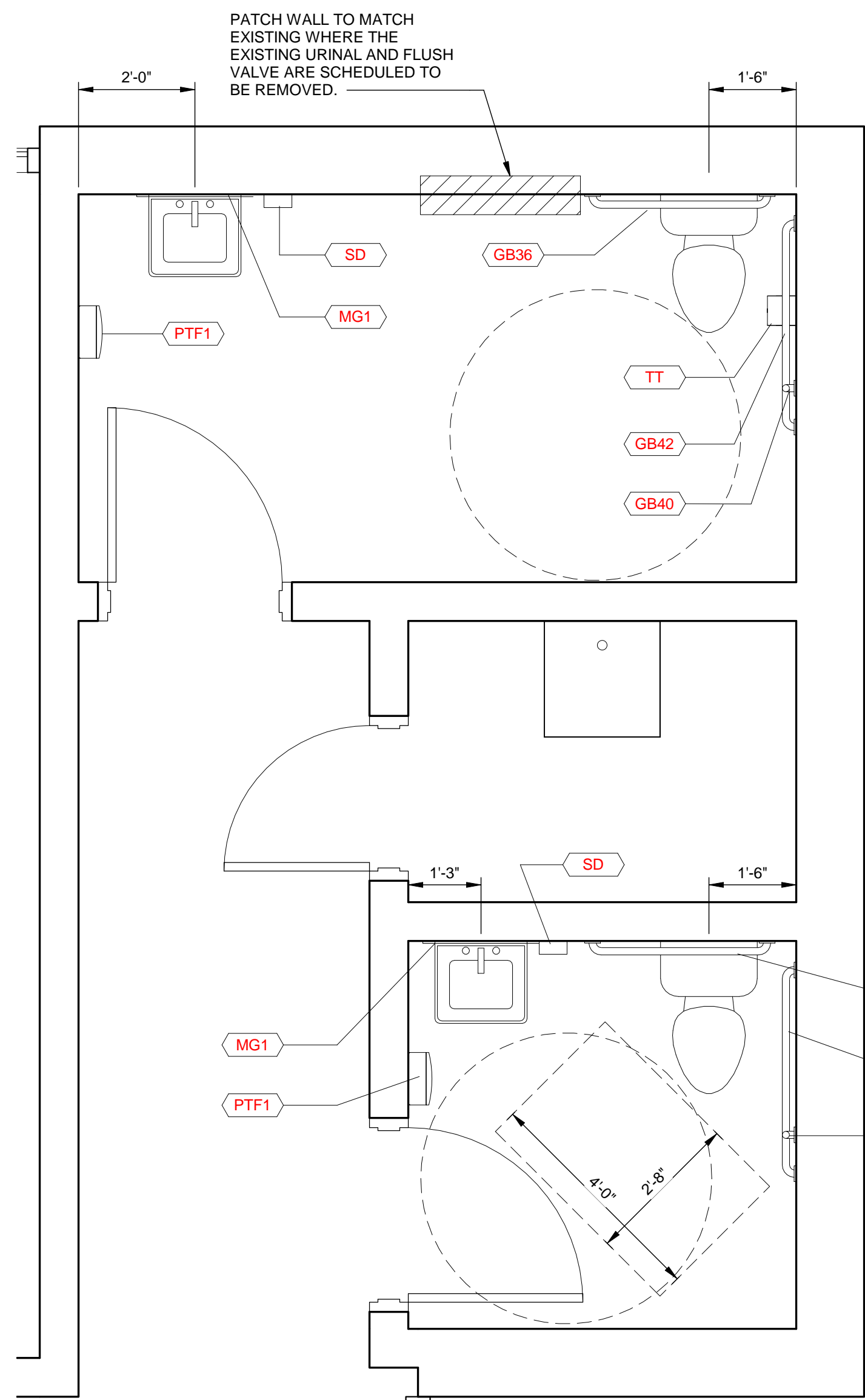
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DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE: **PROPOSED PLAN - DETENTION CENTER**

SCALE AS NOTED
DRAWING NO. **A-100** REV. **0**

3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

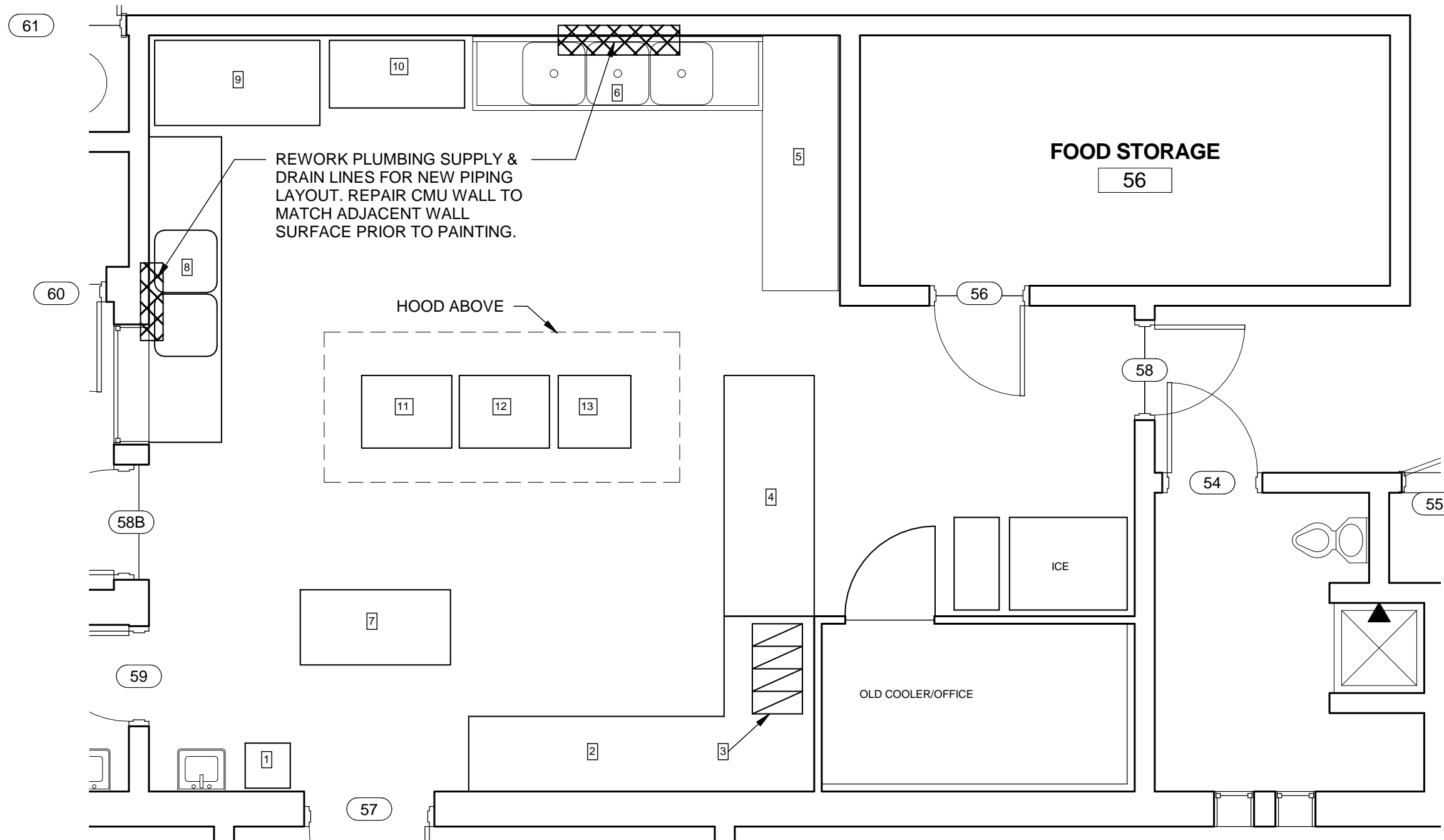


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2
3
4
5
D
C
B
A



SEE MECHANICAL SCHEDULE FOR NEW PLUMBING FIXTURE

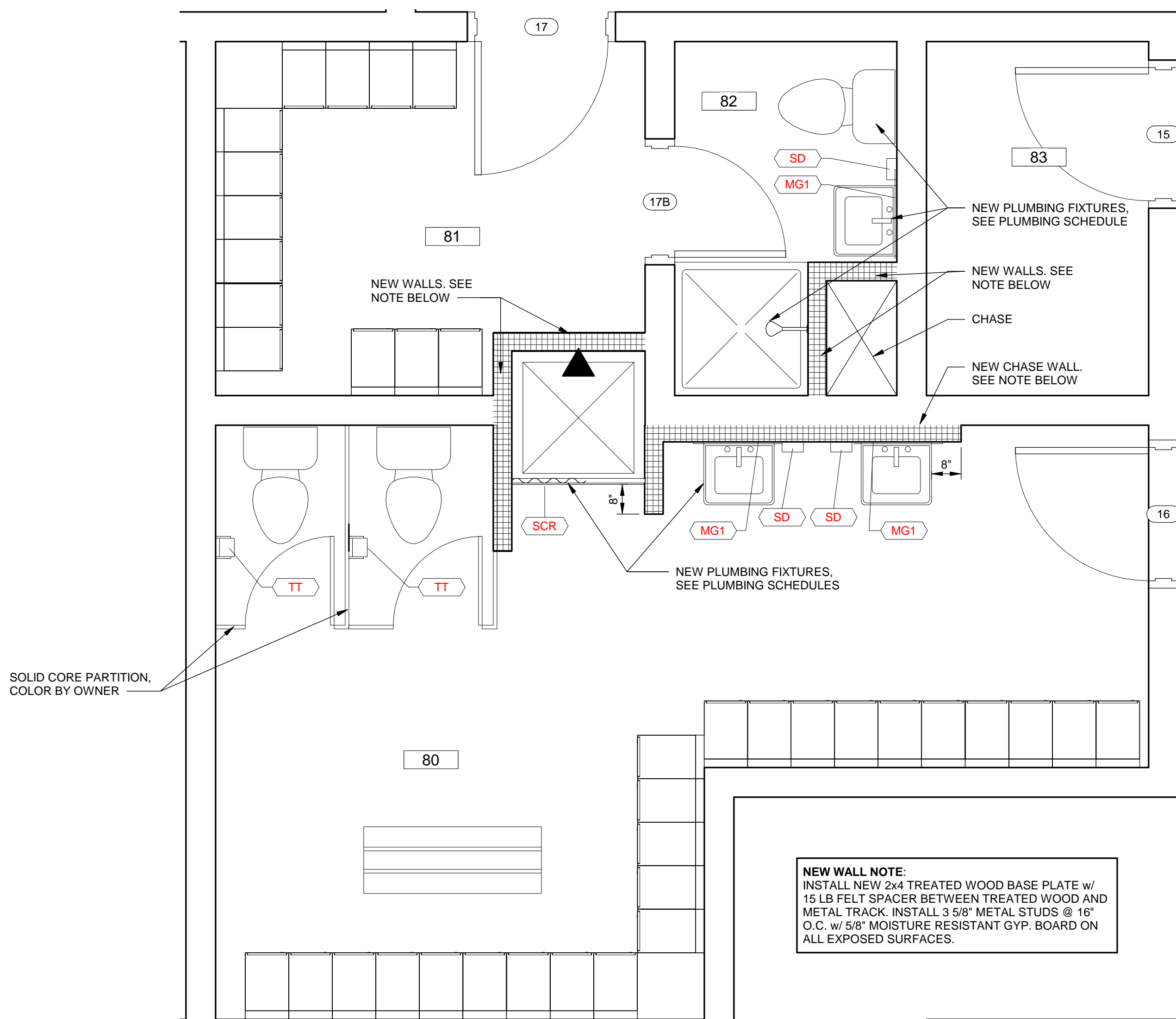
1
A-102
PROPOSED TOILET ROOMS 32 AND 34
SCALE: 1/2" = 1'-0"



NOTE:
CONTRACTOR TO DISCONNECT AND
REMOVE TO STORAGE ALL KITCHEN
EQUIPMENT, CLEAN AND REINSTALL
AFTER KITCHEN RENOVATIONS ARE
COMPLETE.

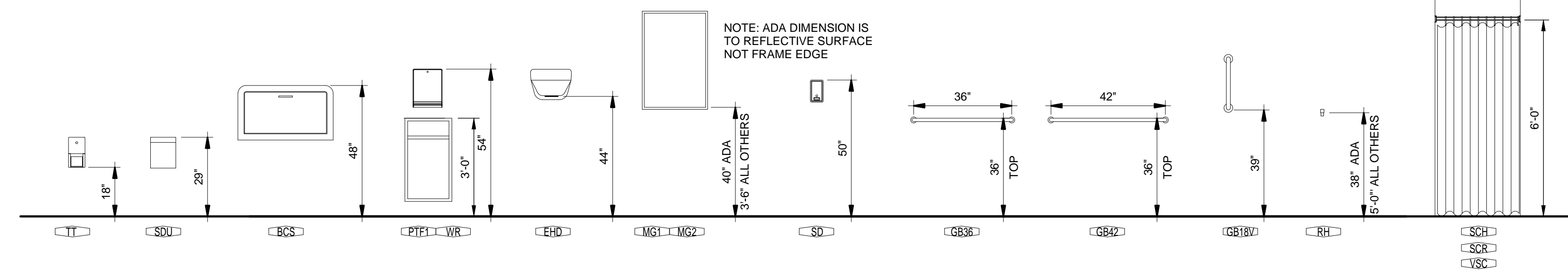
- KITCHEN KEY
1. ROLLING CART
 2. STAINLESS COUNTERTOP W/ STORAGE BELOW
 3. HOT FOOD WARMERS
 4. STAINLESS WORKSPACE W/ DRAWERS BELOW
 5. SINK COUNTERTOP (USED FOR TRAY STORAGE)
 6. 3 BAY SINK
 7. STAINLESS ISLAND WITH HANGING RACK
 8. 2 BAY WASH SINK
 9. STAINLESS KITCHEN SHELVING
 10. STAINLESS WORKTABLE W/ STORAGE BELOW
 11. 6 BURNER GAS RANGE WITH OVEN
 12. FLAT TOP GRILL
 13. 2 BASKET FRYER

2
A-102
PROPOSED KITCHEN PLAN
SCALE: 1/4" = 1'-0"

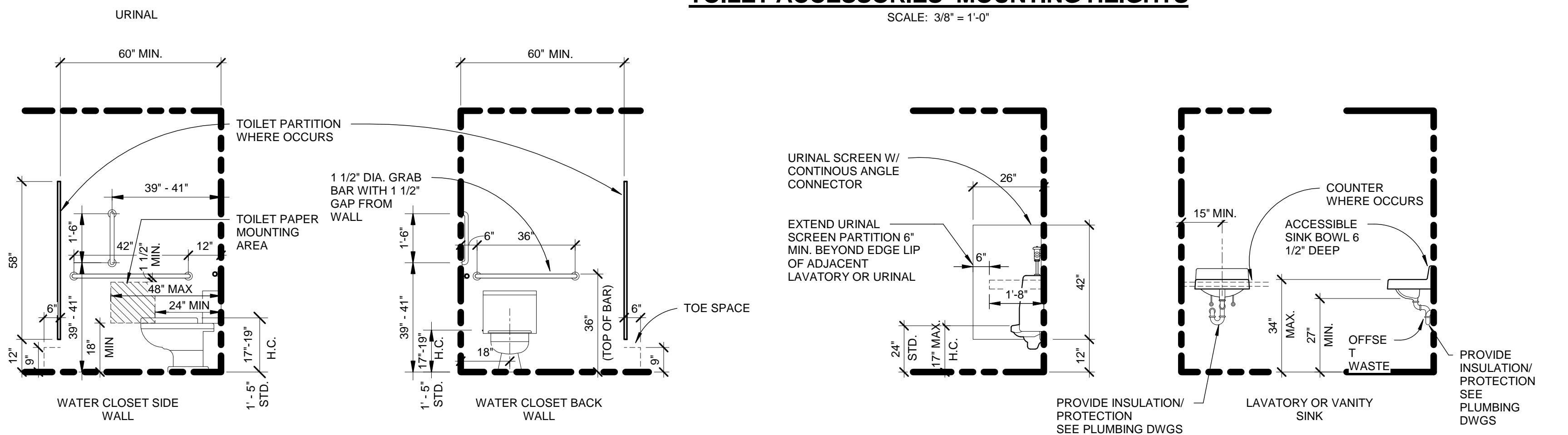


NEW WALL NOTE
INSTALL NEW 2x4 TREATED WOOD BASE PLATE W/
16 LB FELT SPACER BETWEEN TREATED WOOD AND
METAL TRACK. INSTALL 3 5/8" METAL STUDS @ 16"
O.C. w/ 5/8" MOISTURE RESISTANT GYP. BOARD ON
ALL EXPOSED SURFACES.

3
A-102
PROPOSED TOILET ROOMS 16 AND 17 (OPTION #1 NO URINAL)
SCALE: 1/2" = 1'-0"

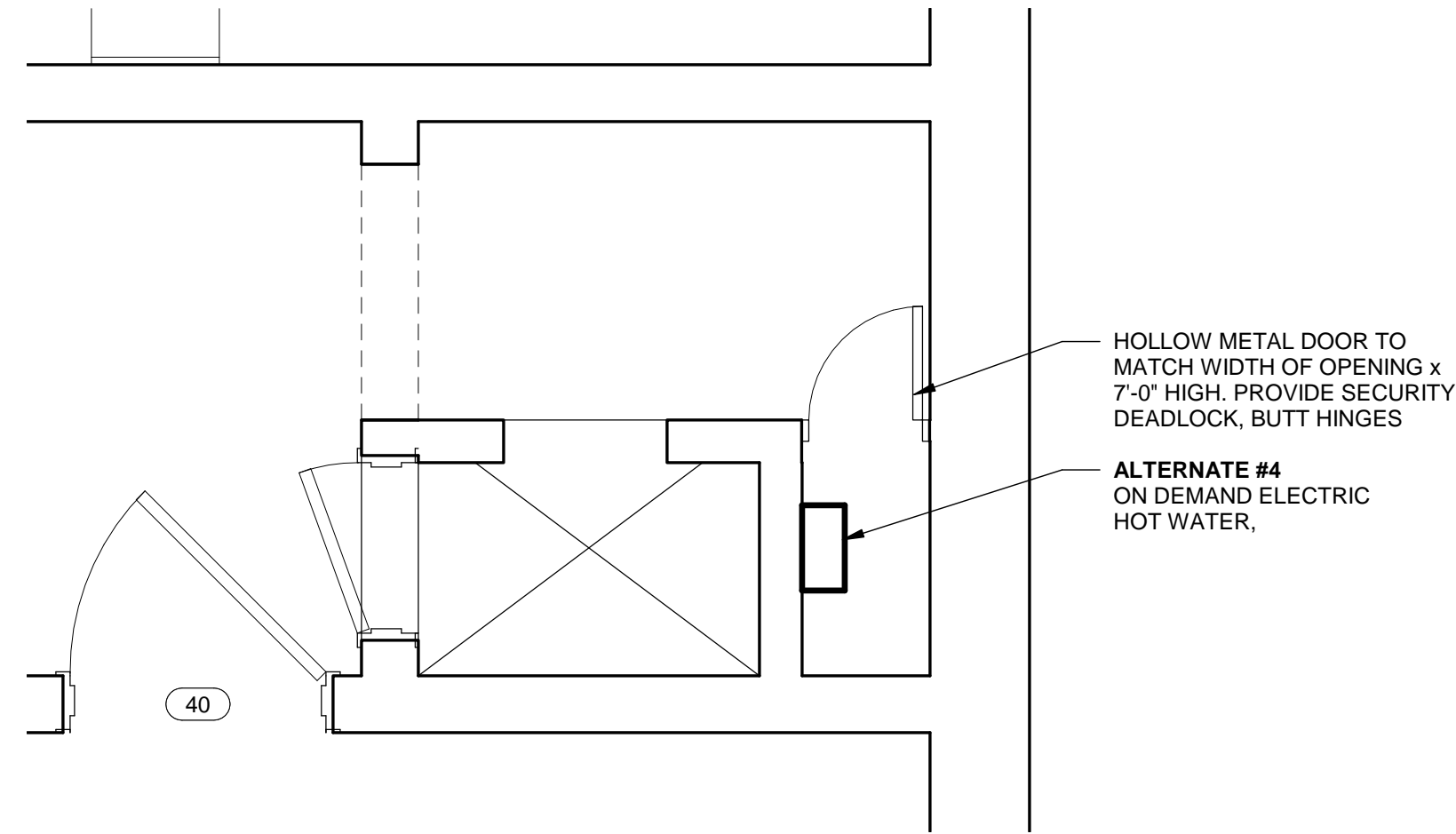


TOILET ACCESSORIES- MOUNTING HEIGHTS
SCALE: 3/8" = 1'-0"



4
A-102
MOUNTING HEIGHTS DETAILS
SCALE: 3/8" = 1'-0"

ACCESSORY SCHEDULE			
		NOTE: ALL ACCESSORIES TO HAVE MAX PROJECTION OF 4"	
KEY	ACCESSORY DESCRIPTION	BOBRICK NO. / ASI NO. *	MOUNTING HEIGHT
(EHD)	ELECTRIC HAND DRYER - SURFACE MOUNTED	ASI 0185	BOTTOM OF UNIT - 4'-0"
(TT)	SURFACE-MOUNTED JUMBO ROLL TISSUE DISPENSER	ASI 0042	BOTTOM OF UNIT - 1'-6"
(SDU)	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	ASI 0852	TOP OF UNIT - 2'-5"
(BCS)	HORIZONTAL SURFACE-MOUNTED STAINLESS STEEL FINISH BABY CHANGING STATION	ASI 204-3	TOP OF UNIT - 4'-0"
(PTF)	SURFACE-MOUNTED PAPER TOWEL DISPENSER	ASI 0210-T	TOP OF UNIT - 4'-6" - 5'-10"
(LB-6)	LOCKER BENCH * - INDICATES LENGTH OF BENCH	--	FLOOR MOUNTED
(MG1)	GLASS MIRROR WITH STAINLESS STEEL ANGLE FRAME	ASI 0852	BOTTOM OF UNIT - 3'-4"
(SD)	SURFACE-MOUNTED SOAP DISPENSER	ASI-0351	BOTTOM OF UNIT - 3'- 6"
(FSS)	REVERSIBLE SOLID PHENOLIC FOLDING SHOWER SEAT	B-5181	TOP OF SEAT - 1'-5"
(GB1B)	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 18	CENTER OF UNIT - 3'-3"
(GB3B)	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 36	TOP OF UNIT - 3'-0"
(GB42)	1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-6806 x 42	TOP OF UNIT - 3'-0"
(GBSH)	SHOWER 1 1/2" DIAMETER STAINLESS STEEL GRAB BARS WITH SNAP FLANGE	B-68616	TOP OF UNIT - 3'-0"
(RH)	STAINLESS STEEL CLOTHES HOOK	B-233	CENTER OF UNIT - 3'-2" - 4'-0"
(MOP)	UTILITY SHELF WITH MOP / BROOM HOLDERS AND RAG HOOKS	B-224	TOP OF UNIT - 5'-0"
(SCH)	STAINLESS STEEL SHOWER CURTAIN HOOK	B-204-1	TOP OF UNIT - 6'-0"
(SCR)	STAINLESS STEEL SHOWER CURTAIN ROD WITH VINYL SHOWER CURTAIN	B-207	--
(WR)	WASTE RECEPTACLE	B-204-3	TOP OF UNIT - 1'-8"
		AJW U450-2 SURFACE MOUNTED BY AJW ARCHITECTURAL PRODUCTS	TOP OF UNIT - 36"
* CONTRACTOR TO PROVIDE BOBRICK, OR ASI ACCESSORY AS NOTED OR APPROVED EQUAL			



5
A-102
ENLARGED ROOM 41- ALTERNATE #4
SCALE: 1/2" = 1'-0"

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PROJECT NAME: **NEWBERRY COUNTY DETENTION
CENTER RENOVATIONS**

PROJECT LOCATION: 3238 LOUIS RICH ROAD, NEWBERRY, SC 29108

REV	DATE	BY	WLD	ISSUED FOR BID	DESCRIPTION
0	05/29/18				

PROJECT NO. 3606.1701

DRAWN BY: CBW

CHECKED BY: WLD

DATE: 10/17/17

SHEET TITLE: **ENLARGED PLANS,
TOILETS & TOILET
ACCESSORIES**

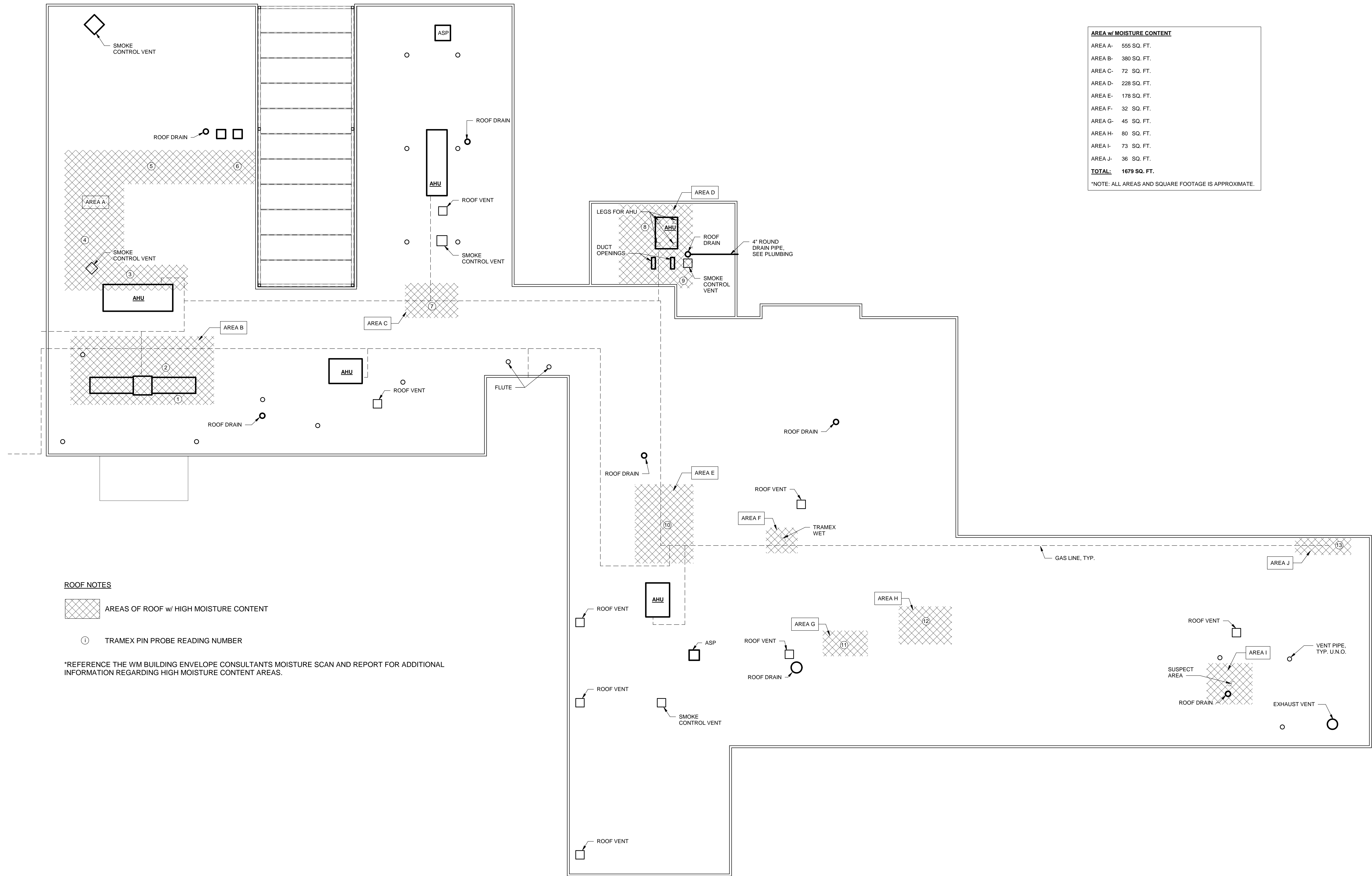
SCALE: AS NOTED

DRAWING NO. **A-102**

REV. **0**

ENLARGED PLANS, TOILETS & TOILET ACCESSORIES

1
2
3
4
5
D
C
B
A



AREA w/ MOISTURE CONTENT	
AREA A-	555 SQ. FT.
AREA B-	380 SQ. FT.
AREA C-	72 SQ. FT.
AREA D-	228 SQ. FT.
AREA E-	178 SQ. FT.
AREA F-	32 SQ. FT.
AREA G-	45 SQ. FT.
AREA H-	80 SQ. FT.
AREA I-	73 SQ. FT.
AREA J-	36 SQ. FT.
TOTAL:	1679 SQ. FT.
*NOTE: ALL AREAS AND SQUARE FOOTAGE IS APPROXIMATE.	

ROOF NOTES

AREAS OF ROOF w/ HIGH MOISTURE CONTENT

① TRAMEX PIN PROBE READING NUMBER

*REFERENCE THE WM BUILDING ENVELOPE CONSULTANTS MOISTURE SCAN AND REPORT FOR ADDITIONAL INFORMATION REGARDING HIGH MOISTURE CONTENT AREAS.

1
A-300
PROPOSED ROOF PLAN
SCALE: 1/8" = 1'-0"

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STATE OF SOUTH CAROLINA
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DANIEL J. LEE
REGISTERED ARCHITECT
05/21/10
SOUTH CAROLINA
JOHNSON, LASCHNER &
ASSOCIATES, PC
No. C00790
CERTIFICATE OF AUTHORIZATION

REV				DATE	BY	WLD	ISSUED FOR BID	DESCRIPTION
0				05/29/18				

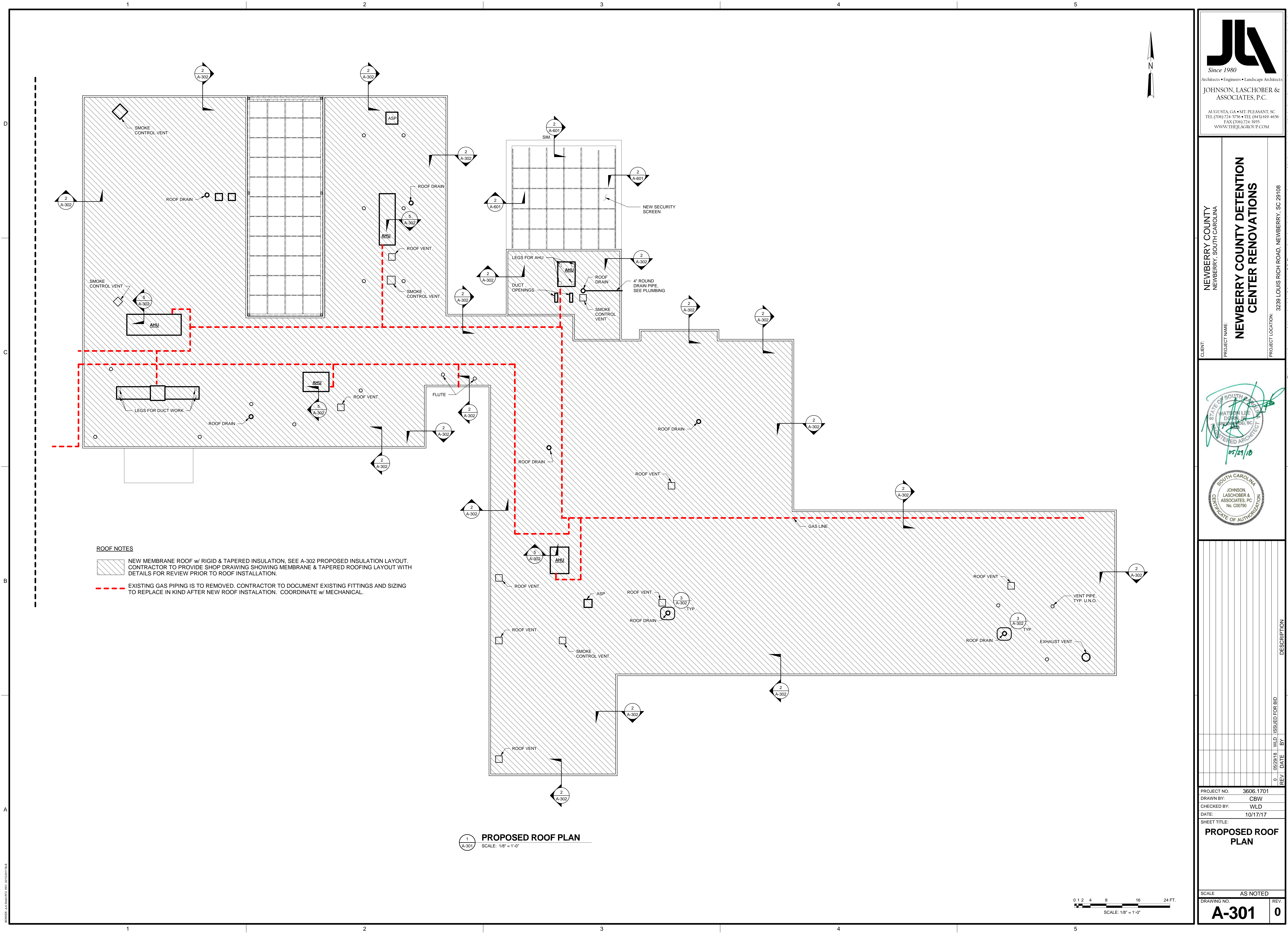
PROJECT NO.	3606.1701
DRAWN BY:	CBW
CHECKED BY:	WLD
DATE:	10/17/17

SHEET TITLE:
**DEMOLITION PLAN-
ROOF INSULATION**

SCALE	AS NOTED
DRAWING NO.	REV.
A-300	0

10/17/17 10:00 AM

10/17/17 10:00 AM



ROOF NOTES

- NEW MEMBRANE ROOF w/ RIGID & TAPERED INSULATION. SEE A-302 PROPOSED INSULATION LAYOUT. CONTRACTOR TO PROVIDE SHOP DRAWING SHOWING MEMBRANE & TAPERED ROOFING LAYOUT WITH DETAILS FOR REVIEW PRIOR TO ROOF INSTALLATION.
- EXISTING GAS PIPING IS TO BE REMOVED. CONTRACTOR TO DOCUMENT EXISTING FITTINGS AND SIZING TO REPLACE IN KIND AFTER NEW ROOF INSTALLATION. COORDINATE w/ MECHANICAL.

1
A-301
PROPOSED ROOF PLAN
SCALE: 1/8" = 1'-0"

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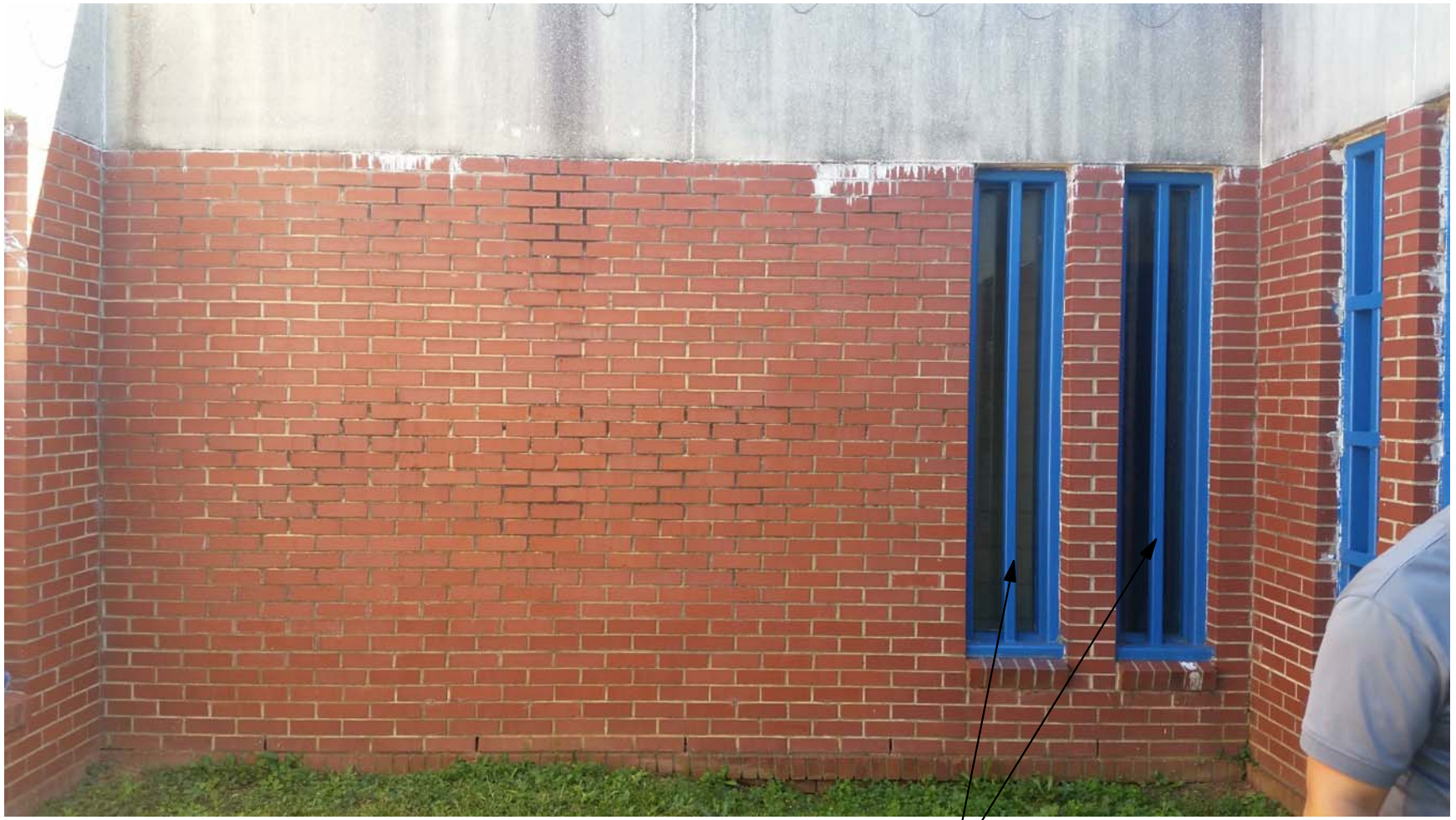
PROJECT NO. 3606.1701
DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE: PROPOSED ROOF
PLAN
SCALE: AS NOTED
DRAWING NO. A-301
REV. 0



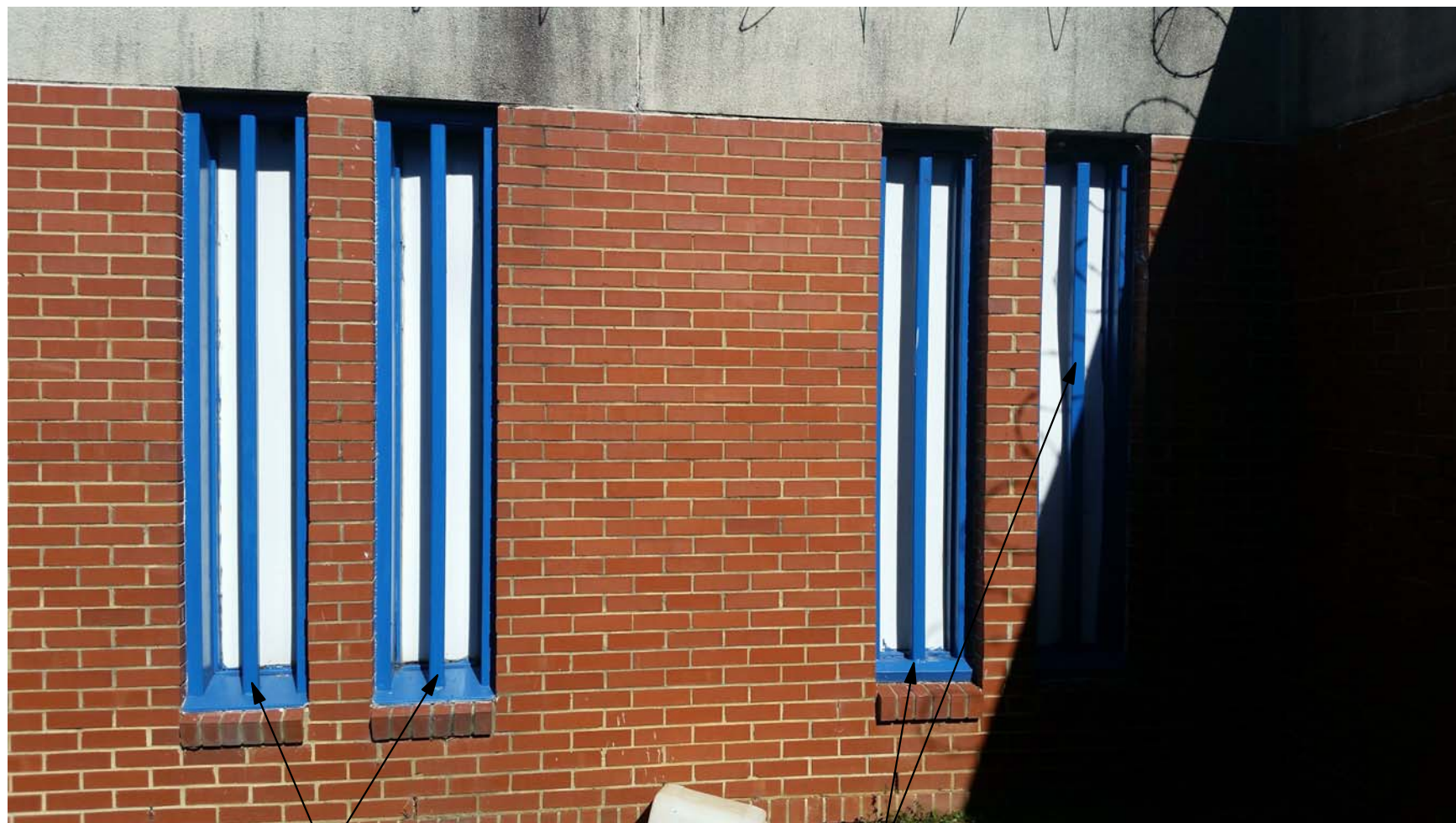
1 ELEVATION
A-402 NO SCALE



3 ELEVATION
A-402 NO SCALE



2 ELEVATION
A-402 NO SCALE



4 ELEVATION
A-402 NO SCALE



5 ELEVATION
A-402 NO SCALE



REPLACE WINDOW AND FRAMING

GENERAL NOTES
ALL EXTERIOR BRICK AND CONCRETE TO BE CLEANED AND PRESSURE WASHED. AFTER AREAS HAVE DRIED REMOVE EXISTING CAULK AND BACKER ROD AROUND PERIMETER OF BUILDING. THIS INCLUDES BUT IS NOT LIMITED TO ALL BRICK EXPANSION JOINTS, TRANSITIONS BETWEEN CONCRETE AND BRICK, AND ALL WINDOW AND DOOR SEALS. REPLACE WITH NEW BACKER ROD AND RE-CAULK JOINTS.

- KEYNOTES**
SEE FINISH SCHEDULE FOR ALL FLOOR, WALL AND CEILING FINISHES.
- 1 REMOVE WINDOW AND INFILL WALL w/ BRICK VENEER TO MATCH EXISTING. SEE DETAIL 3/A601 FOR NEW BRICK INSTALLATION.
 - 2 SAND, PRIME, AND PAINT EXISTING WINDOW AND/OR DOOR. REMOVE AND RECAULK ALL SEALS.
 - 3 SEE SCHEDULE AND DETAIL 5/A601 FOR DOOR REPAIR.

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DATE: 10/17/17
SHEET TITLE: **EXTERIOR ELEVATIONS**
SCALE: AS NOTED
DRAWING NO. **A-402**
REV. 0



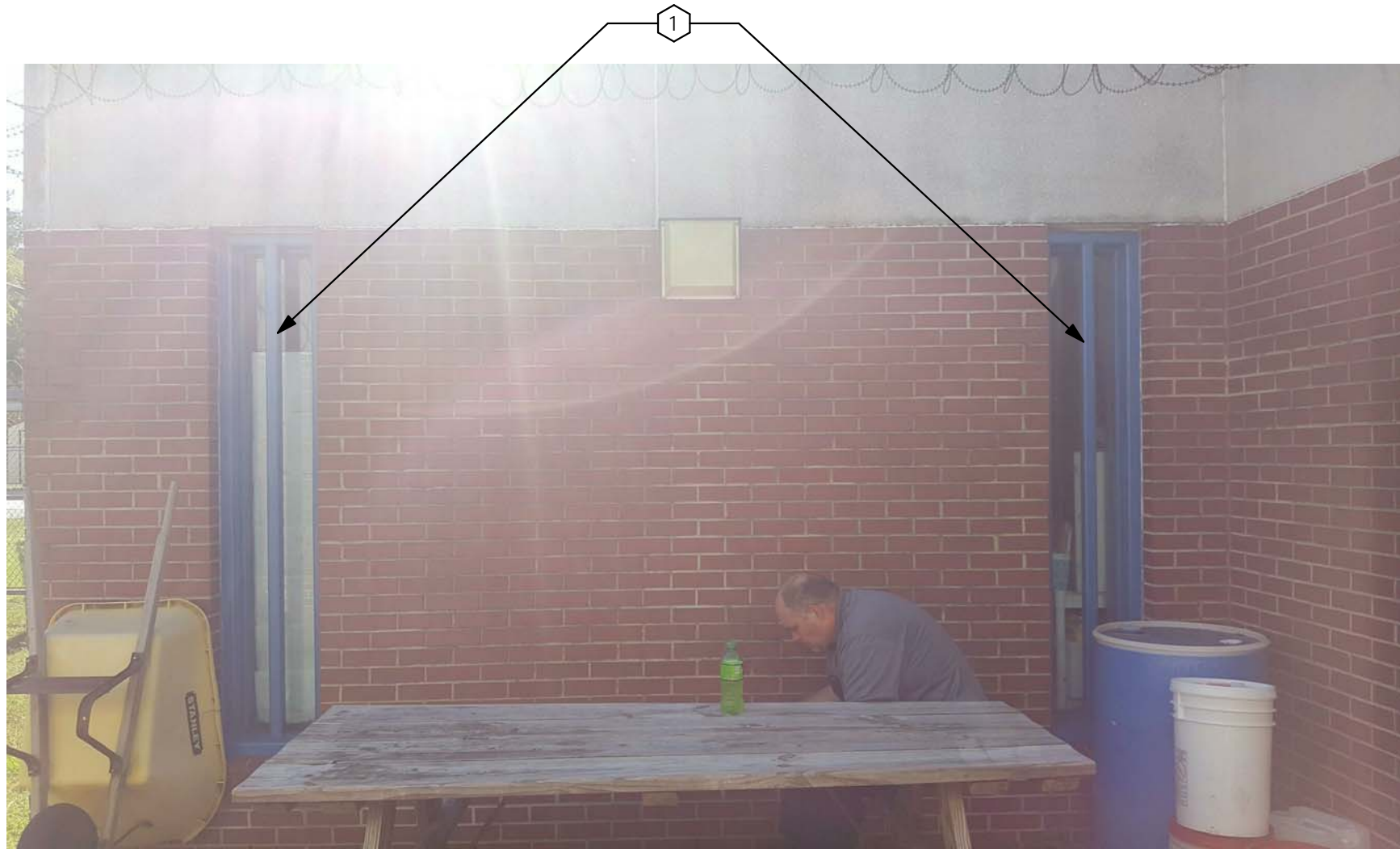
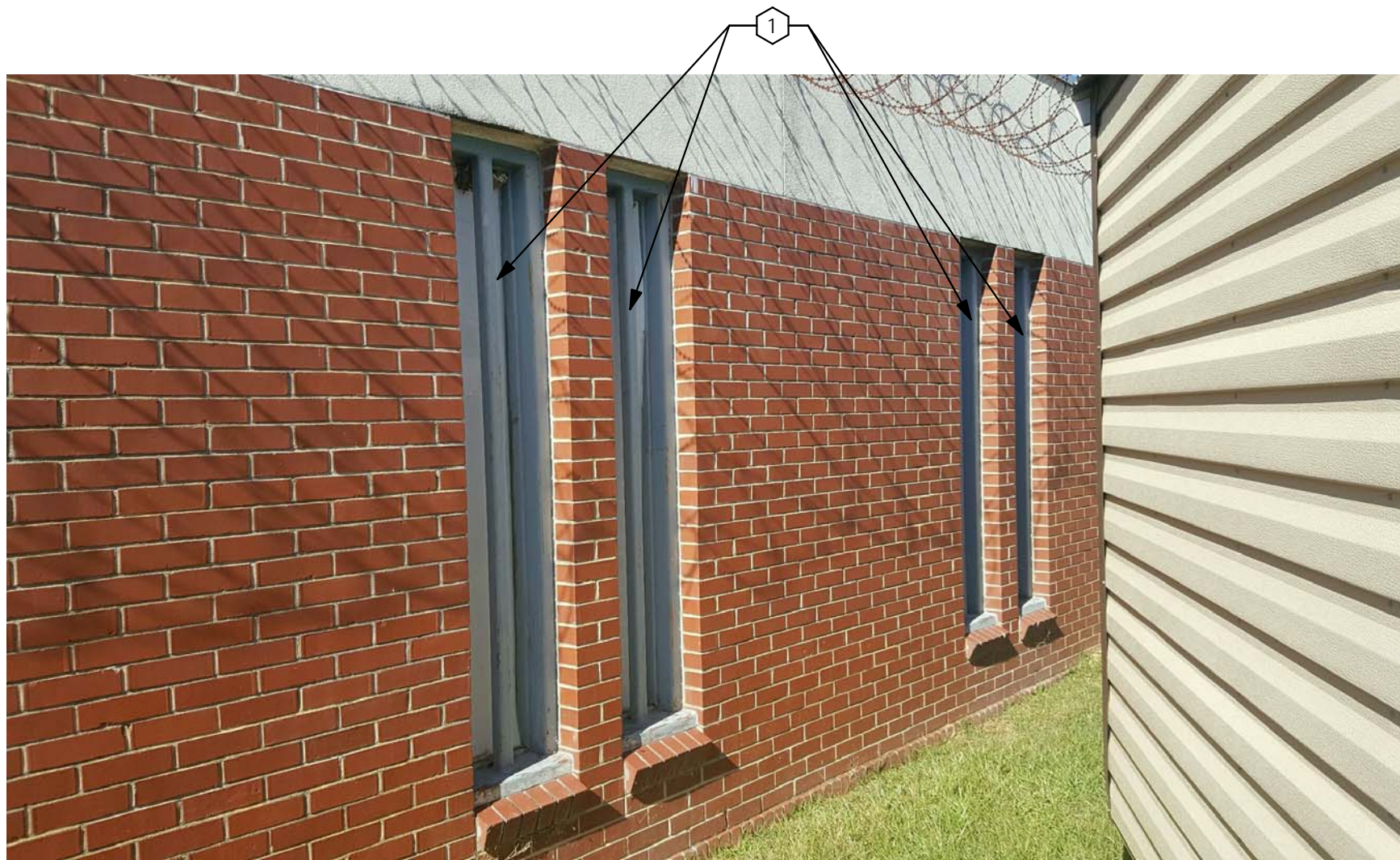
1 ELEVATION
SCALE: 1/2" = 1'-0"



2 WINDOWS IN
RM's 38 & 40



2 ELEVATION
SCALE: 1/2" = 1'-0"



3 ELEVATION
SCALE: 1/2" = 1'-0"



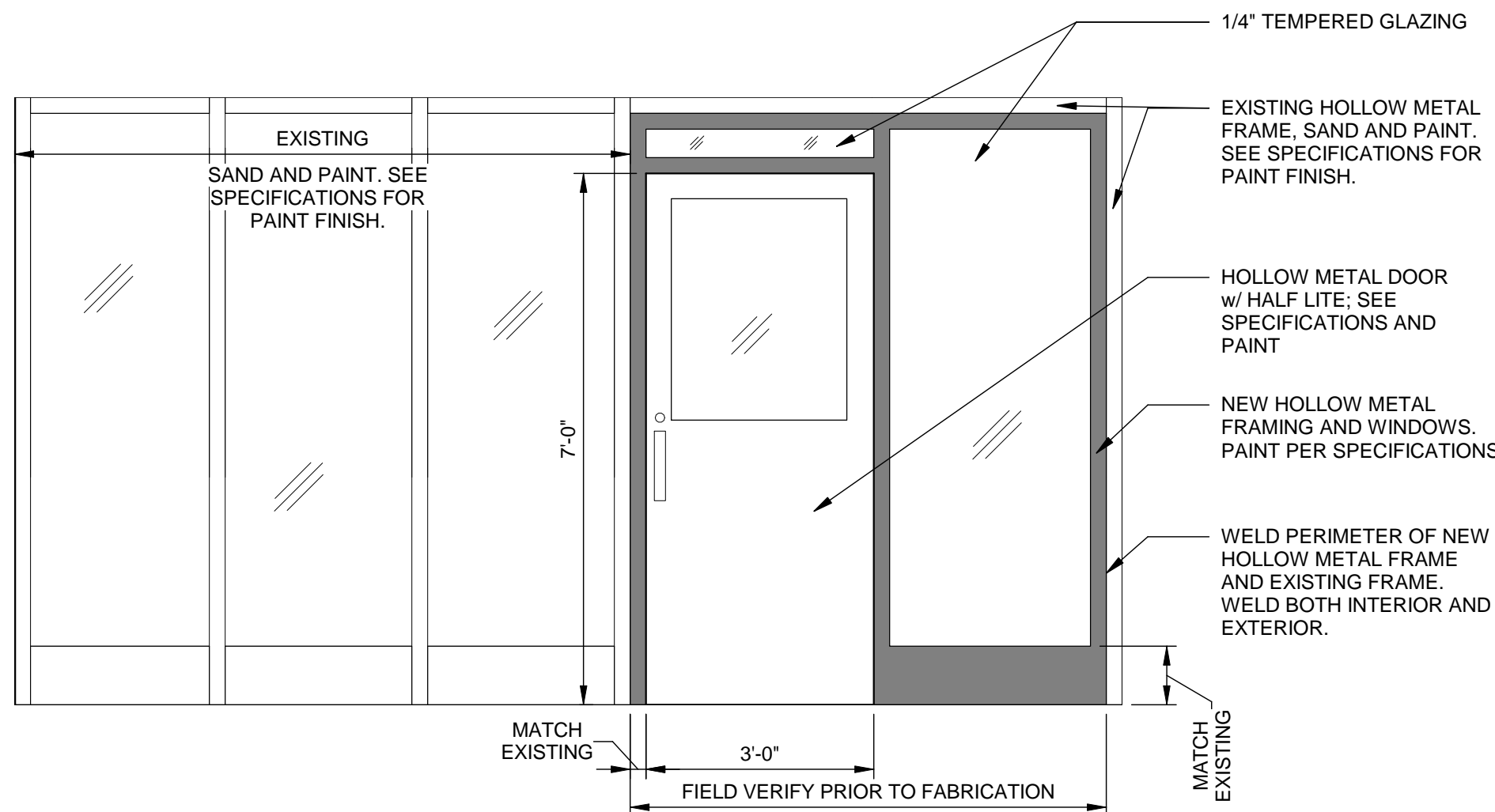
(SEE ELEVATION VIEW S/A-403 FOR COMPLETED DESIGN)

4 ELEVATION
SCALE: 1/2" = 1'-0"



GENERAL NOTES
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KEYNOTES
SEE FINISH SCHEDULE FOR ALL FLOOR, WALL AND CEILING FINISHES.
1 REMOVE WINDOW AND INFILL WALL w/ BRICK VENEER TO MATCH EXISTING. SEE DETAIL 3/A601 FOR NEW BRICK INSTALLATION.
2 SAND, PRIME, AND PAINT EXISTING WINDOW AND/OR DOOR. REMOVE AND RECAULK ALL SEALS.
3 REMOVE AND REPLACE DOOR. REMOVE ALL RUST FROM FRAME AND PAINT TO MATCH.



5 ELEVATION
SCALE: 1/2" = 1'-0"

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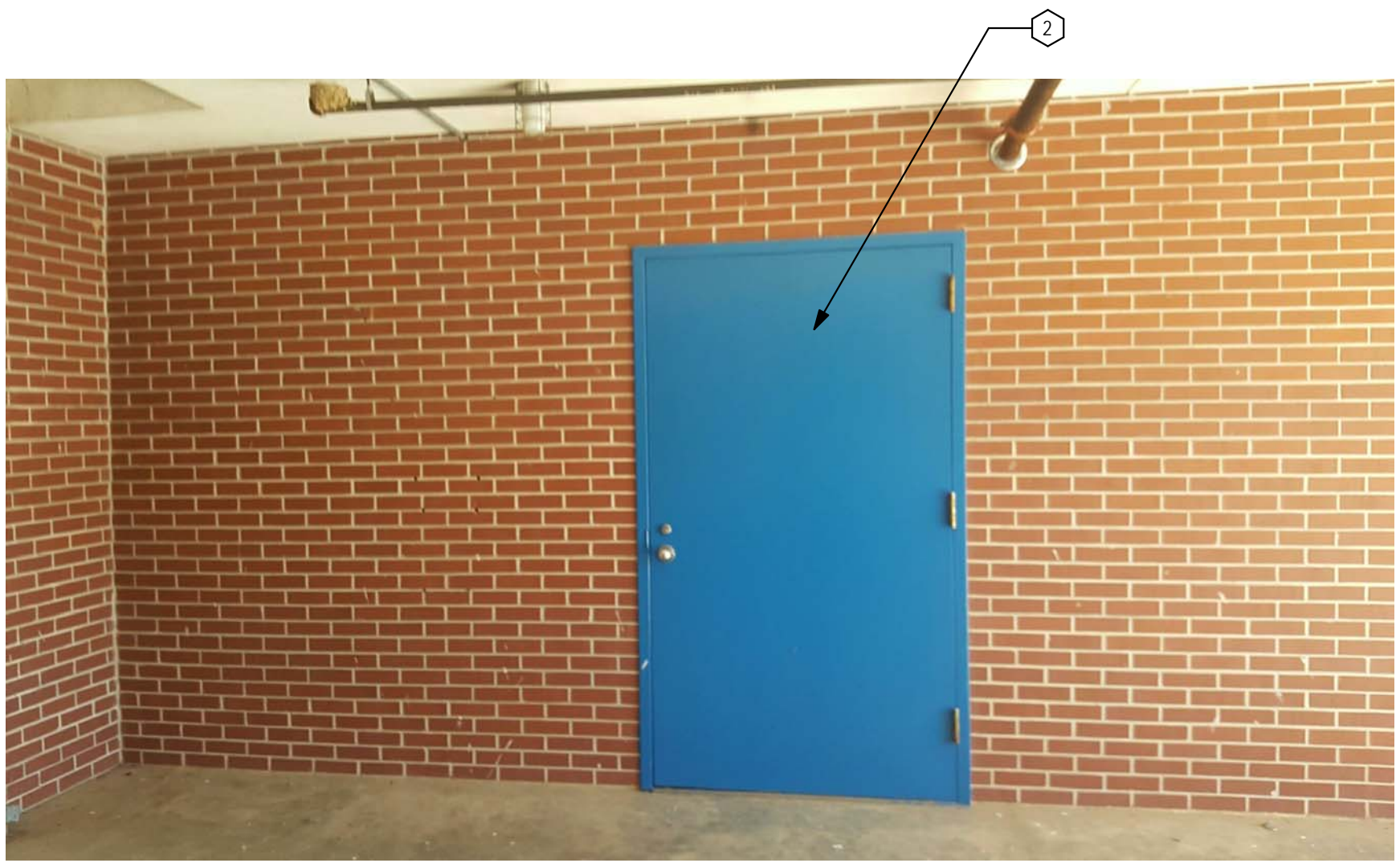
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DATE: 10/17/17
SHEET TITLE: **EXTERIOR ELEVATIONS**
SCALE: AS NOTED
DRAWING NO. **A-403**
REV. 0



1
A-404
ELEVATION
NO SCALE



2
A-404
ELEVATION
NO SCALE



3
A-404
ELEVATION
NO SCALE



4
A-404
ELEVATION
NO SCALE

GENERAL NOTES
ALL EXTERIOR BRICK AND CONCRETE TO BE CLEANED AND PRESSURE WASHED. AFTER AREAS HAVE DRIED REMOVE EXISTING CAULK AND BACKER ROD AROUND PERIMETER OF BUILDING. THIS INCLUDES BUT IS NOT LIMITED TO ALL BRICK EXPANSION JOINTS, TRANSITIONS BETWEEN CONCRETE AND BRICK, AND ALL WINDOW AND DOOR SEALS. REPLACE WITH NEW BACKER ROD AND RE-CAULK JOINTS.

KEYNOTES
SEE FINISH SCHEDULE FOR ALL FLOOR, WALL AND CEILING FINISHES.
1 REMOVE WINDOW AND INFILL WALL w/ BRICK VENEER TO MATCH EXISTING. SEE DETAIL 3/A601 FOR NEW BRICK INSTALLATION.
2 SAND, PRIME, AND PAINT EXISTING WINDOW AND/OR DOOR. REMOVE AND RECAULK ALL SEALS.
3 REMOVE AND REPLACE DOOR. REMOVE ALL RUST FROM FRAME AND PAINT TO MATCH.

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0	05/29/18				

PROJECT NO. 3606.1701
DRAWN BY: CBW
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DATE: 10/17/17
SHEET TITLE:

EXTERIOR ELEVATIONS
SCALE AS NOTED
DRAWING NO. **A-404**
REV. 0

D
C
B
A

1

2

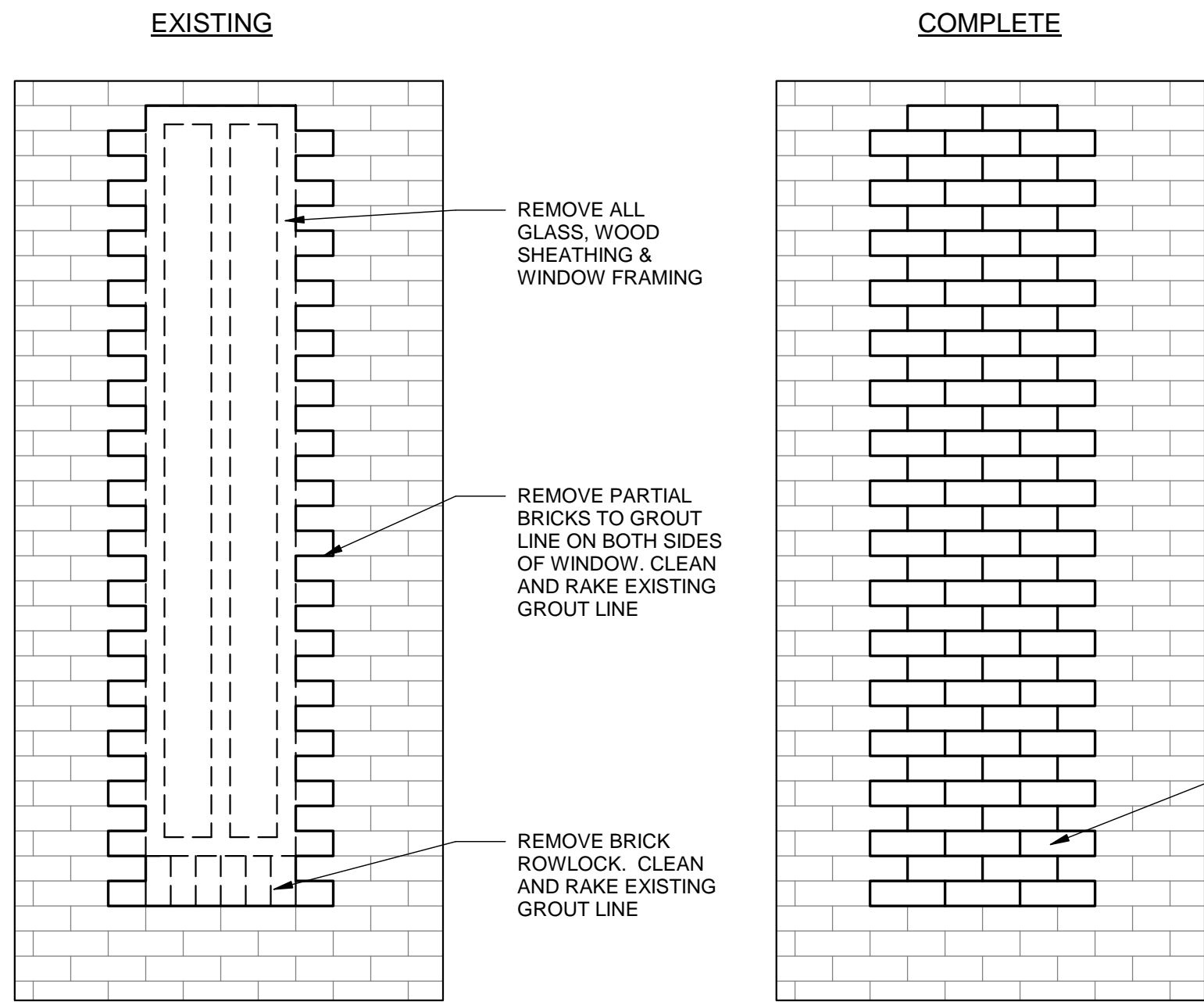
3

4

5

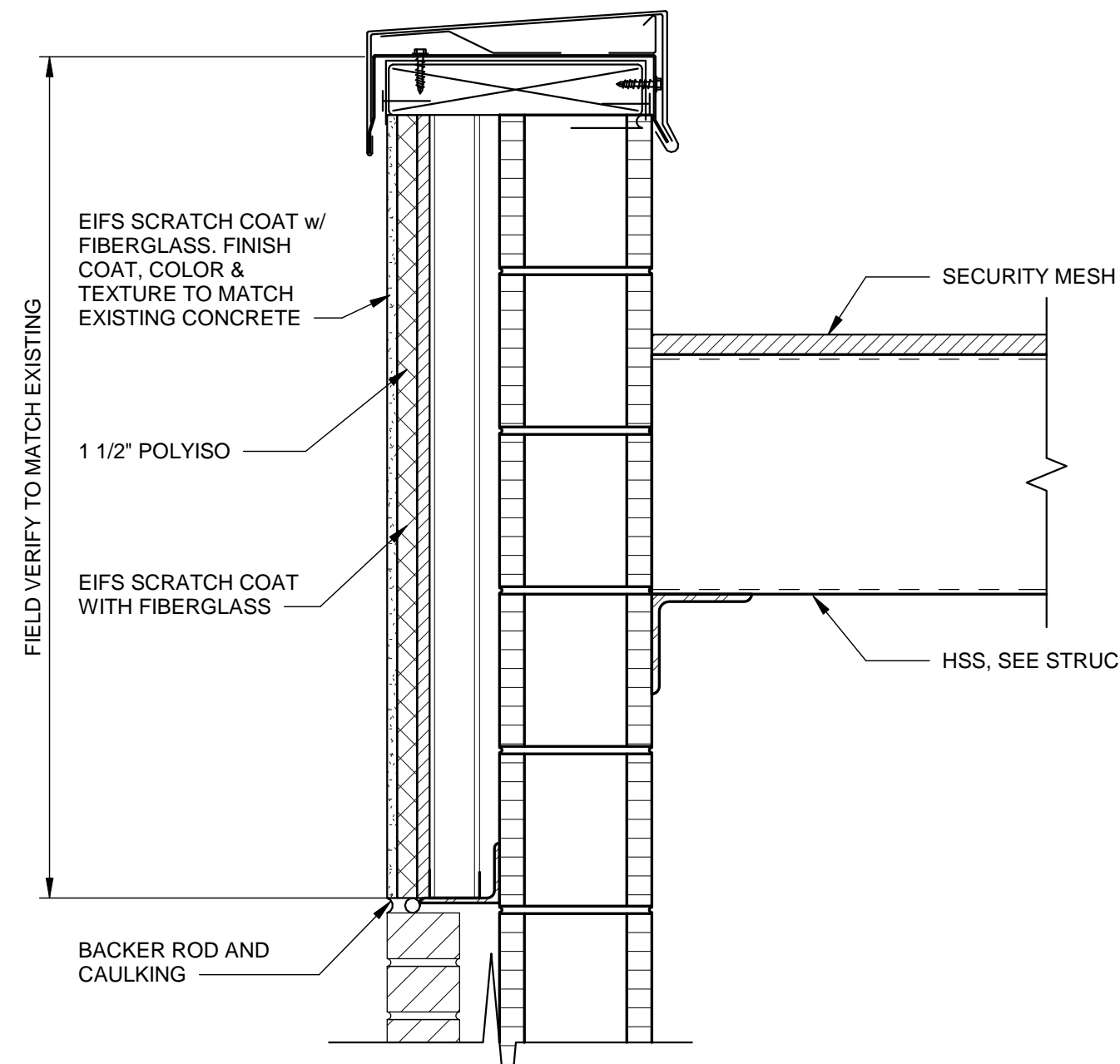
DOOR FINISH NOTE
1. ALL DOORS TO BE PREPPED AND PREPARED TO RECEIVE NEW PAINT; ALL INTERIOR AND EXTERIOR DOORS TO BE REPAINTED.

DOOR SCHEDULE	
DOOR TAG	COMMENTS
1	REMOVE AND REPLACE HARDWARE; SAND AND REPAINT FRAME
1B	ETR
1C	ETR
2	ETR
3	ETR
4	ETR
5	ETR
6	ETR
7	ETR
8	ETR
8B	ETR
9	ETR
9B	ETR
9C	ETR
10	ETR
10B	ETR
11	REPLACE LOCK
12	ETR
12B	ETR
13	ETR
13B	ETR
14	ETR
14B	ETR
15	ETR
16	ETR
17	ETR
17B	ETR
18	ETR
19	ETR
19B	ETR
20	ETR
21	ETR
21B	ETR
21C	ETR
21D	ETR
22	ETR
22B	REPLACE LOCK
23	REPLACE DOOR AND LOCK
23B	ETR
24	ETR
25	ETR
25B	ETR
26	REKEY LOCK/ NEW STRIKE PLATE ON HOLLOW METAL FRAME
27	REPLACE DOOR AND LOCK
28	REPLACE DOOR AND LOCK
29	ETR
30	REPLACE LOCK
31	REPLACE DOOR & HARDWARE, REPAIR & BONDO FRAME FOR LIKE NEW APPEARANCE
32	ETR
32B	ETR
32C	REPLACE DOOR LOCK SCREWS
33	ETR
33B	ETR
34	ETR
35	ETR
35B	ETR
36	ETR
37	ETR
38	REPLACE LOCK
39	ETR
40	ETR
41	SEE NOTE 1 BELOW FOR FRAME REPAIR
41B	ETR
41C	ETR
42	ETR
43	ETR
44	ETR
45	REPLACE DOOR LOCK SCREWS
45B	DOOR TO RECEIVE 12" x 12" SECURITY LITE. SEE DETAIL 5/A601 FOR DOOR REPAIR DETAILS. SEE NOTE 1 BELOW FOR FRAME REPAIR.
46	REPLACE LOCK
47	REPLACE LOCK
48	REPLACE DOOR AND HARDWARE
49	REPLACE DOOR AND HARDWARE
49B	ETR



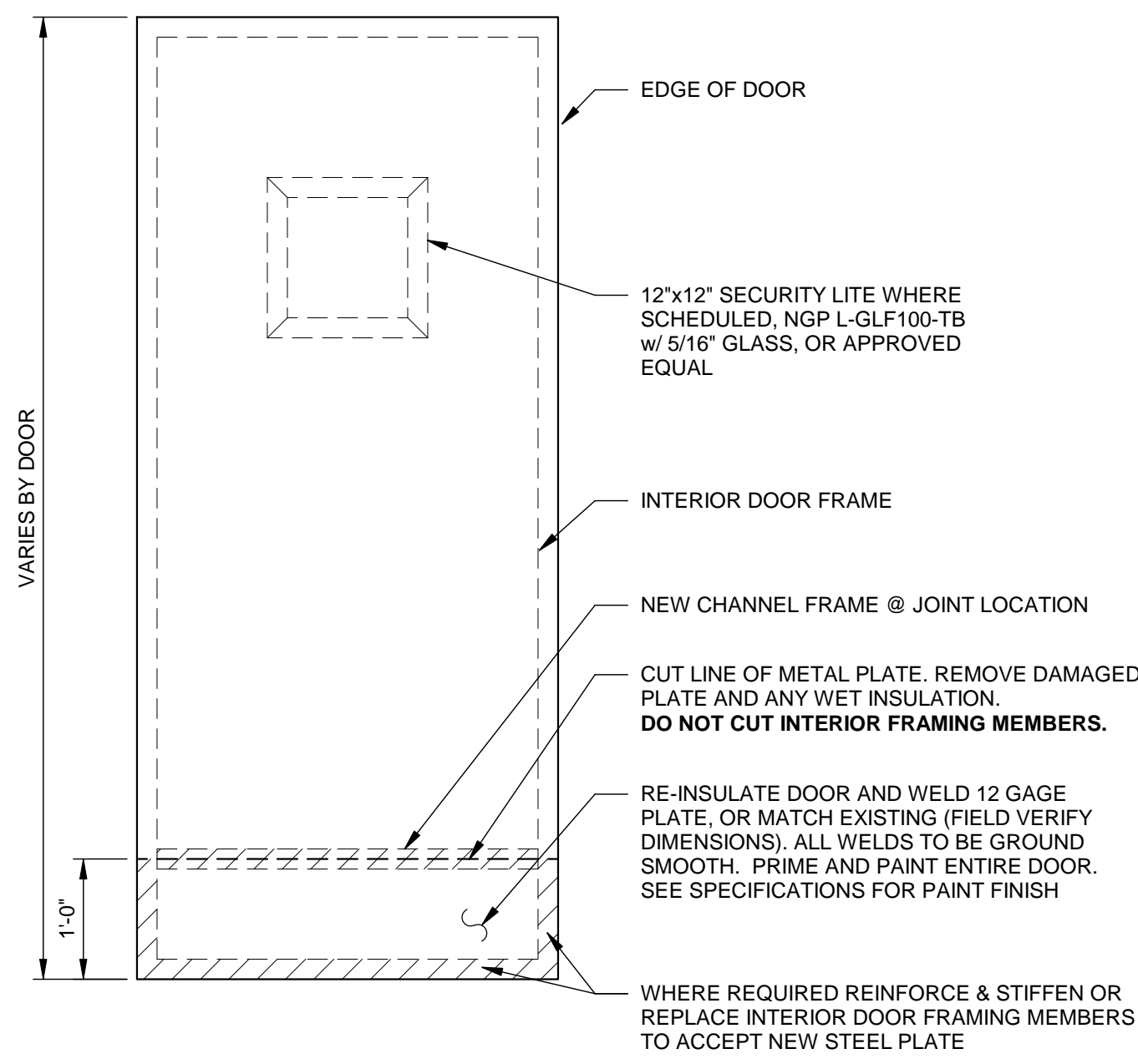
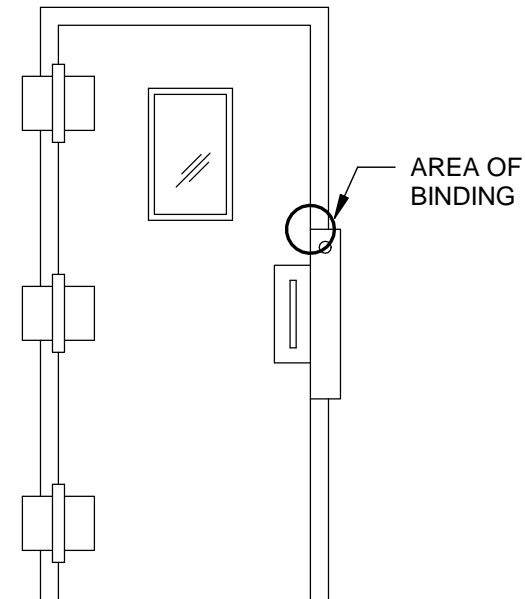
1
A-601
WINDOW REPAIR DETAIL
SCALE: 3/4" = 1'-0"

DOOR SCHEDULE	
DOOR TAG	COMMENTS
50	PATCH AND BONDO HOLLOW METAL FRAME FOR LIKE NEW APPEARANCE
51	ETR
52	ETR
53	ETR
54	ETR
55	REPLACE DOOR HANDLE AND LOCKSET
55B	REPLACE DOOR SCREWS
55C	ETR
56	REPLACE DOOR AND LOCK
57	ETR
58	REPLACE DOOR AND LOCKSET
58B	SEE DETAIL 5/A601 FOR DOOR AND FRAME REPAIR. REPAIR BINDING AREA (SEE BELOW)
59	REPLACE DOOR AND LOCKSET; PATCH AND BONDO HOLLOW METAL FRAME FOR LIKE NEW APPEARANCE
60	ETR
61	REPLACE DOOR AND LOCKSET; PATCH AND BONDO HOLLOW METAL FRAME FOR LIKE NEW APPEARANCE
62	REPLACE SCREWS w/ PRETRIAL SCREWS. SEE PROPOSED PLAN FOR ADDITIONAL NOTES
63	ETR
64	ETR
64B	ETR
65	REPLACE SCREWS w/ PRETRIAL SCREWS. SEE PROPOSED PLAN FOR ADDITIONAL NOTES
65B	SEE PROPOSED PLAN FOR DOOR NOTES
66	ETR
67	SEE DETAIL 5/A601 FOR DOOR REPAIR; PATCH AND BONDO FRAME FOR LIKE NEW APPEARANCE
67B	SEE DETAIL 5/A601 FOR DOOR AND FRAME REPAIR. REPAIR BINDING AREA (SEE BELOW)
68	ETR
69	\$2000 ALLOWANCE TO REPAIR SECURITY HARDWARE (SLIDING DOOR CURRENTLY DOES NOT LATCH)
70	ETR
71	ETR
72	ETR
73	ETR
73B	ETR
73C	ETR
73D	ETR
73E	ETR
73F	ETR
73G	ETR
73H	DOOR TO RECEIVE 12" x 12" SECURITY LITE. SEE DETAIL 5/A601 FOR DETAIL.
74	ETR
75	ETR
76	ETR
77	ETR
78	ETR
79	REPLACE DOOR AND LOCK
80	ETR
81	ETR
81B	REMOVE DOOR. SEE DETAIL 3/A-601
81C	ETR
82	ETR
83	ETR
84	ETR
84B	ETR
84C	ETR
85	ETR
86	ETR
86B	ETR
87	ETR
88	REPLACE DOOR AND LOCK
89	ETR
90	ETR
91	ETR
92	ETR
93	ETR
95	ETR
95B	ETR
96	ETR
97	ETR
98	ETR
99	ETR
100	ETR
100B	ETR
100C	ETR
100D	ETR
101	ETR
102	ETR
102B	REPLACE LOCK

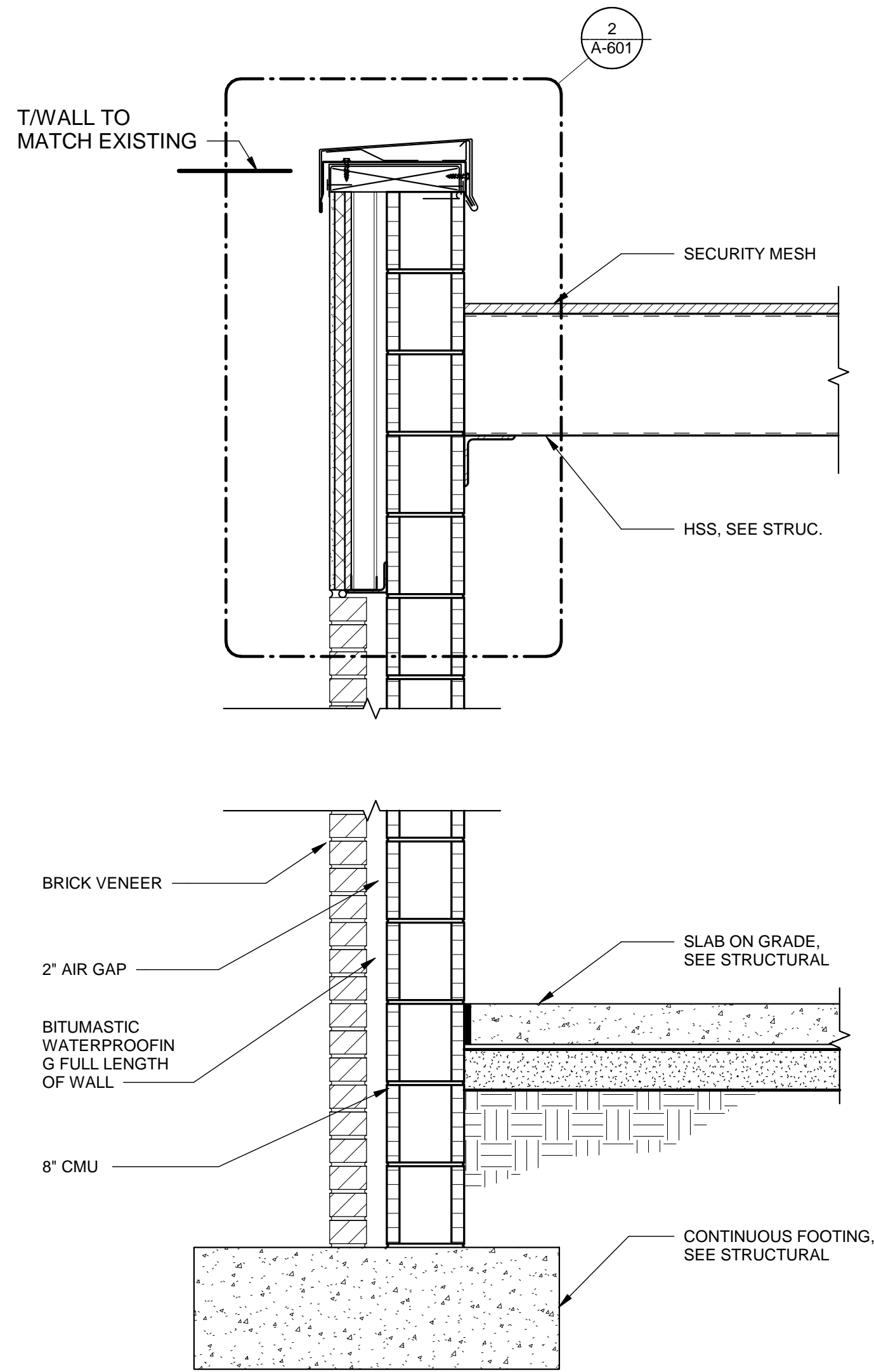


2
A-601
WALL DETAIL
SCALE: 1 1/2" = 1'-0"

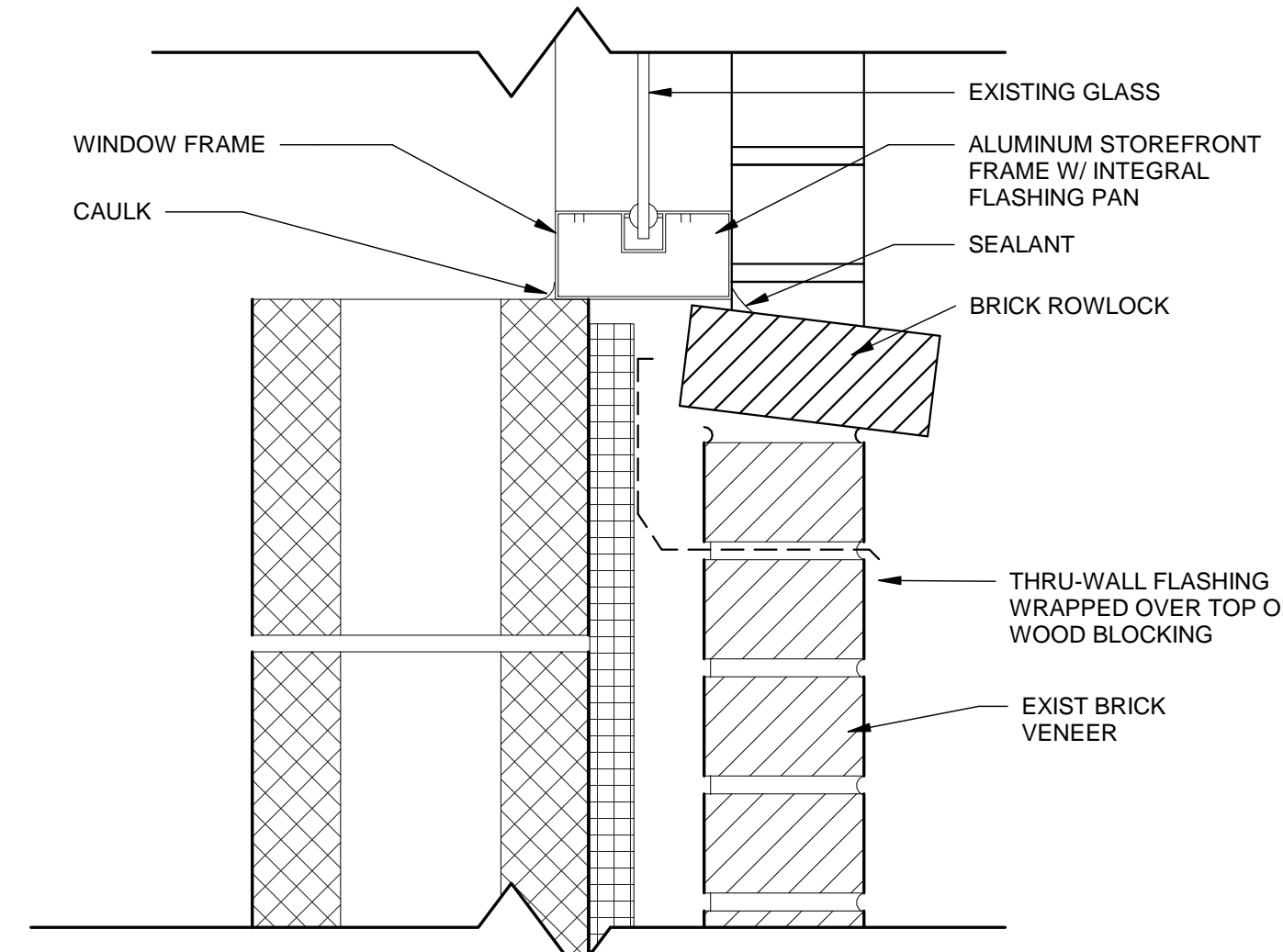
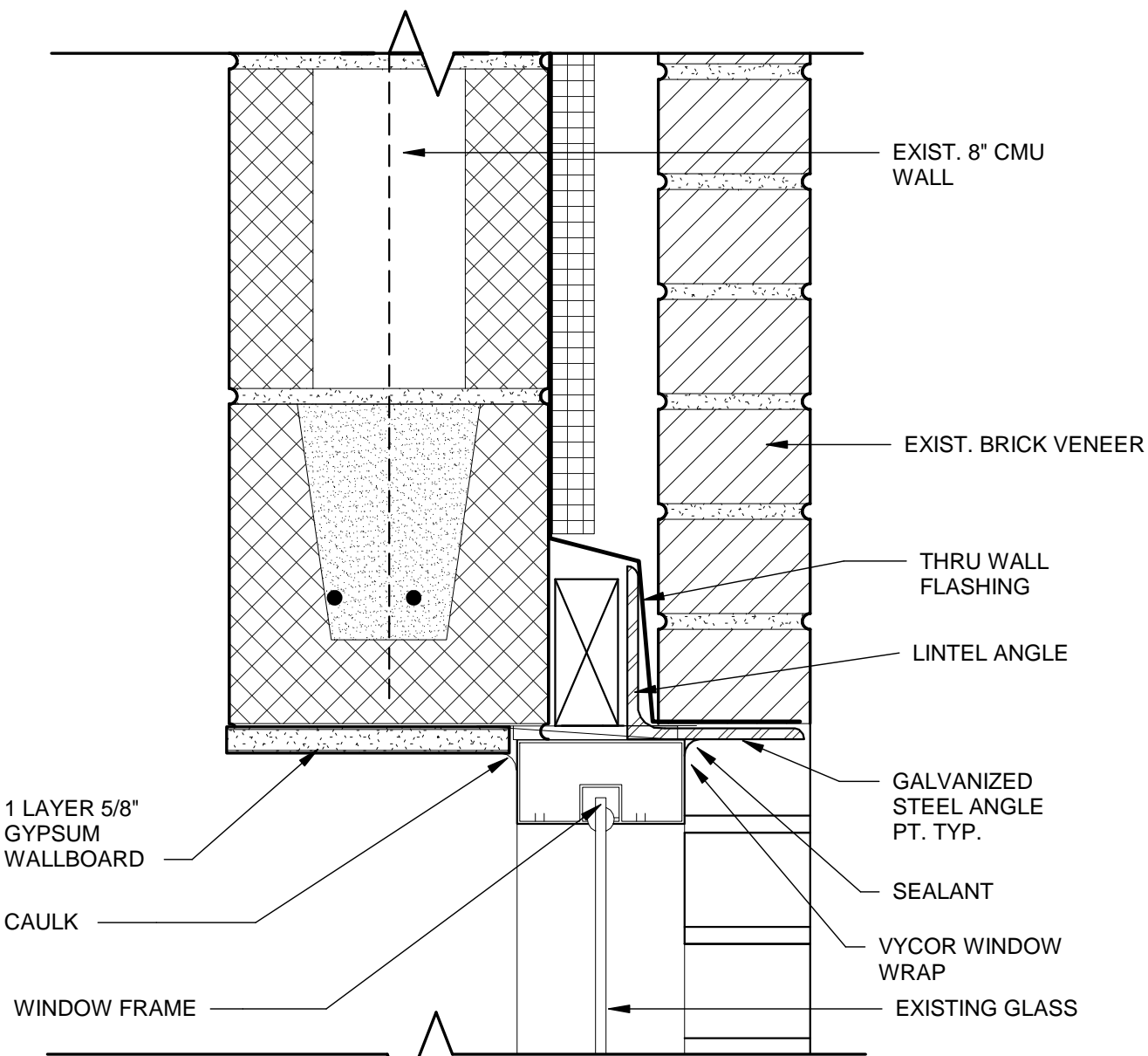
DOOR REPAIR NOTES:
1. REMOVE RUST AND GRIND SMOOTH. PATCH AND REPAIR w/ BONDO TO 12" MINIMUM FROM FINISHED FLOOR. SEE SPECIFICATIONS FOR PAINT FINISH.
2. ALL DOORS TO BE REPLACED SHALL BE FITTED w/ NEW HARDWARE THAT ALIGNS w/ EXISTING HINGE & STRIKE PLATE LOCATIONS.



4
A-601
DOOR REPAIR
SCALE: 3/4" = 1'-0"



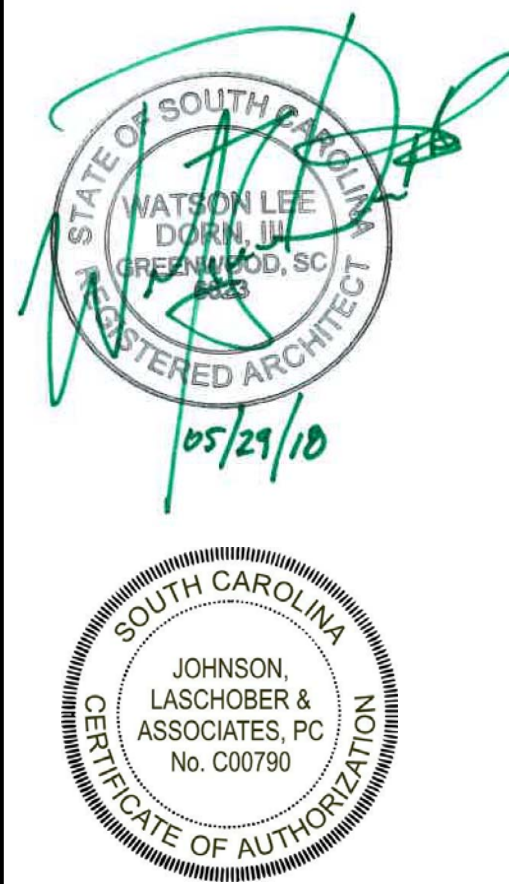
3
A-601
WALL SECTION
SCALE: 1" = 1'-0"



5
A-601
WINDOW SECTION
SCALE: 3" = 1'-0"

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CLIENT: NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
PROJECT NAME: **NEWBERRY COUNTY DETENTION CENTER RENOVATIONS**
PROJECT LOCATION: 3238 LOUIS RICH ROAD, NEWBERRY, SC 29108



REV		DATE	BY	DESCRIPTION
0	05/29/18	WLD	CBW	ISSUED FOR BID

PROJECT NO. 3606.1701
DRAWN BY: CBW
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE: **WALL SECTIONS, DOOR & ROOM FINISH SCHEDULES**
SCALE: AS NOTED
DRAWING NO. **A-601**
REV. 0

D
C
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A

1
A-602

FLOORING LEGEND

EXISTING CONCRETE FLOOR, CLEAN AND SEAL

CARPET

CERAMIC TILE

LVT

EXISTING TO REMAIN

NOTE

1. PATTERN INDICATES LOCATION ONLY. ACTUAL PATTERN TO BE DETERMINED BY FLOORING FINISH SELECTION.

2. SEE KEYNOTE 6 BELOW FOR TNEMEC FLOOR SYSTEM LOCATION.

FINISH LEGEND

ACT: ACOUSTICAL CEILING TILE
CONC: CONCRETE
CPT: CARPET
CT: CERAMIC TILE
CTB: CERAMIC TILE BASE
CWT: CERAMIC WALL TILE
EPX: EPOXY FLOORING
EPC: EPOXY COATING
EPP: EXISTING TO REMAIN
EXP: EXPOSED STRUCTURE
FRP: FIBER REINFORCED PANEL
GB: GYPSUM BOARD, ALL GYP. BD. TO RECEIVE NOCKDOWN DRYWALL FINISH
GT: GROUT
PT: PAINT
PC: PAINTED CONCRETE
PL: PLASTIC LAMINATE

RB: RUBBER / VINYL BASE
RF: RUBBER FLOOR
RN: RUBBER NOSING
RSTR: RUBBER STAIR TREAD/RISER
SC: SEALED CONCRETE (4)
SPF: SPORTS FLOORING
SS: SOLID SURFACE
ST: STAIN
STC: STAMPED CONCRETE
SV: SHEET VINYL
TBD: TO BE DETERMINED
TR: TRANSITION STRIP
WC: WALL COVERING
WDB: WOOD BASE
WDF: WOOD FLOORING
WAF: WOOD ATHLETIC FLOORING
VCT: VINYL COMPOSITION TILE
VP: VINYL PLANK FLOORING
VRB: VENTED RUBBER BASE

NOTES

1. PRIME AND PAINT ALL EXPOSED STRUCTURE, FRAMING, BRACING, DUCT WORK, CONDUIT.

2. ALL GYPSUM BOARD WALLS TO MATCH EXISTING.

3. ALL CONCRETE MASONRY WALLS TO RECEIVE EPOXY PAINT.

4. SEAL NEW BLOCK WITH DRYLOK EXTREME MASONRY WATER PROOFER, PLATINUM TINT AS MANUFACTURED BY UGL (800) 272-3235.

FINISH SCHEDULE

ROOM NO.	FLOOR FINISH	BASE	WALLS	CEILING FINISH	COMMENTS
1	LVT-1	RB-1	PT	ACT	
1.1	LVT-1	RB-1	PT	ACT	
2	LVT-1	RB-1	PT	ETR	
3	LVT-1	RB-1	PT	ETR	
4	LVT-1	RB-1	PT	ETR	
5	LVT-1	RB-1	PT	ETR	
6	LVT-1	RB-1	PT	ETR	
7	LVT-1	RB-1	PT	ETR	
8	LVT-1	RB-1	PT	ETR	
8.1	LVT-1	RB-1	PT	ETR	
9	LVT-1	RB-1	PT	ETR	
10	ETR	ETR	PT	ETR	
11	SC	RB-1	PT	ETR	
12	CPT-1	RB-1	PT	ETR	
13	CPT-1	RB-1	PT	ACT	NEW CEILING TILES INSTALLED IN EXISTING GRID
14	LVT-1	RB-1	PT	ETR	
15	LVT-1	RB-1	PT	ETR	
16	LVT-1	RB-1	PT	ETR	
17	LVT-1	RB-1	PT	ETR	
18	LVT-1	RB-1	PT	ETR	
19	CPT-1	RB-1	PT	ETR	
20	CPT-1	RB-1	PT	ETR	
21	ETR / SC	EPP	EPP	ETR	
22	ETR / SC	EPP	EPP	ETR	
23	ETR / SC	EPP	EPP	ETR	
23.1	ETR / SC	EPP	EPP	ETR	
24	ETR / SC	EPP	EPP	ETR	
25	CPT-1	RB-1	PT	ETR	
26	ETR / SC	EPP	EPP	ETR	
27	LVT-1	RB-1	PT	ETR	
28	CPT-1	RB-1	PT	ETR	
29	ETR / SC	EPP	EPP	ETR	
30	ETR / SC	EPP	EPP	ETR	
31	ETR / SC	EPP	EPP	ACT	
32	ETR / SC	EPP	EPP	ACT	
32.1	LVT-1	RB-1	PT	ACT	
33	ETR / SC	EPP	EPP	ETR	
34	ETR / SC	EPP	EPP	ETR	
35	LVT-1	RB-1	PT	ETR	
36	CPT-1	RB-1	PT	ETR	
37	LVT-1	RB-1	PT	ACT	
38	LVT-1	RB-1	PT	ACT	
39	LVT-1	RB-1	PT	ACT	
40	ETR / SC	EPP	EPP	ETR	
41	ETR / SC	EPP	EPP	ETR	
42	ETR / SC	EPP	EPP	ETR	
43	ETR / SC	EPP	EPP	ETR	
44	ETR / SC	EPP	EPP	ETR	
45	ETR / SC	EPP	EPP	ACT	
45.1	-	-	SC	PT-4	SEAL NEW CMU BLOCK WALLS; PAINT SECURITY ENCLOSURE
46	ETR / SC	EPP	EPP	-	
47	-	-	-	-	

PAINT NOTES

- PT-1 ON ALL GYPSUM WALLS NOT INDICATED ON FINISH PLAN.
- PT-2 ON ALL ACCENT WALLS.
- PT-3 ON ALL METAL DOORS AND FRAMES.
- PT-4 ON ALL EXTERIOR CEILING.
- EPP-1 ON ALL NEW AND EXISTING BLOCK WALLS.
- EPP-2 ON BASE OF ALL EXISTING BLOCK WALLS, FROM FINISHED FLOOR TO 8' AFF.
- ALL EXTERIOR DOORS & WINDOWS TO BE SANDED, PRIMED AND PAINTED.

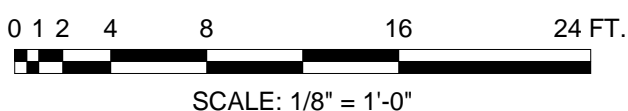
FINISH SCHEDULE

ROOM NO.	FLOOR FINISH	BASE	WALLS	CEILING FINISH	COMMENTS
48	ETR / SC	EPP	EPP	GYP / PT	
49	ETR / SC	EPP	EPP	ETR	
50	ETR / SC	EPP	EPP	ETR	
51	ETR / SC	EPP	EPP	ETR	
52	ETR / SC	EPP	EPP	ETR	
53	ETR / SC	EPP	EPP	EXP / PT	
54	ETR / SC	EPP	EPP	EXP / PT	
55	ETR / SC	EPP	EPP	ACT	
56	ETR / SC	EPP	EPP	ETR	
57	CT-1	CT-1	-	-	
58	CT-1 / ETR	CT-1 / ETR	EPP / PT	EXP / PT	SEE FINISH PLAN FOR ETR LOCATION
59	CT-1	CT-1	EPP	EXP / PT	
60	ETR / SC	EPP	EPP	ETR	
61	ETR / SC	EPP	EPP	EXP / PT	
62	ETR / SC	EPP	EPP	ETR	
63	ETR / SC	EPP	EPP	ETR	
64	ETR / SC	EPP	EPP	ETR	
65	ETR / SC	EPP	EPP	ETR	
66	ETR / SC	EPP	EPP	ETR	
67	-	-	PT-4	-	PAINT SECURITY ENCLOSURE
68	ETR / SC	EPP	EPP	EPP	
69	ETR / SC	EPP	EPP	EPP	
70	ETR / SC	EPP	EPP	EPP	
71	ETR / SC	EPP	EPP	EPP	
72	ETR / SC	EPP	EPP	EPP	
73	ETR / SC	EPP	EPP	EPP	
74	ETR / SC	EPP	EPP	EPP	
75	ETR / SC	EPP	EPP	EPP	
76	ETR / SC	EPP	EPP	EPP	
77	ETR / SC	EPP	EPP	EPP	
78	ETR / SC	EPP	EPP	EPP	
79	ETR / SC	EPP	EPP	EPP	TNEMEC STANLOCK ML
80	ETR / SC	EPP	EPP	EPP	
81	-	-	PT-4	-	
82	ETR	ETR	PT	ETR	
83	ETR	ETR	PT	ETR	
84	ETR	ETR	ETR	ETR	
85	ETR	ETR	ETR	ETR	
86	ETR	ETR	ETR	ETR	
87	ETR	ETR	ETR	ETR	
88	ETR	ETR	ETR	ETR	
89	ETR	ETR	ETR	ETR	
90	ETR	ETR	ETR	ETR	
91	ETR	ETR	ETR	ETR	
92	ETR	ETR	ETR	ETR	
93	ETR	ETR	ETR	ETR	
94	ETR	ETR	ETR	ETR	
95	ETR	ETR	ETR	ETR	
96	ETR	ETR	ETR	ETR	
97	ETR	ETR	ETR	ETR	
98	ETR	ETR	ETR	ETR	
99	ETR	ETR	EPP	ETR	ALT. #1
100	ETR	ETR	ETR	ETR	
101	ETR	ETR	ETR	ETR	
102	ETR	ETR	ETR	ETR	

INTERIOR FINISH SPECIFICATIONS

CPT-1 - CARPET TILE MANUFACTURER: SHAW CONTRACT SPEC: ALLURE, BRIGHT WORK #59327 SIZE: TILE 24"x24"; ASHLAR INSTALL COLOR: TBD CONTACT: JOE WALKER 706-831-3938	PT-1 - WALL PAINT MANUFACTURER: SHERWIN-WILLIAMS SPEC: INTERIOR, SATIN FINISH COLOR: TBD CONTACT: RUSS HANSEN 980-207-9410	SS-1 - SOLID SURFACE MANUFACTURER: DUPONT SPEC: CORIAN SIZE: 2CM COLOR: TBD CONTACT: PAUL STEVENS 678-662-0919
LVT-1 - LUXURY VINYL TILE MANUFACTURER: SHAW CONTRACT SPEC: GRAIN #0364V SIZE: 7' x 48" NOMINAL COLOR: TBD CONTACT: JOE WALKER 706-831-3938	PT-2 - ACCENT WALL PAINT MANUFACTURER: SHERWIN-WILLIAMS SPEC: INTERIOR, SATIN FINISH COLOR: TBD CONTACT: RUSS HANSEN 980-207-9410	PL-1 - PLASTIC LAMINATE MANUFACTURER: WILSONART SPEC: STANDARD LAMINATE COLOR: TBD CONTACT: ANGIE LIBERTO 770-616-3088
RB-1 - RUBBER BASE MANUFACTURER: ROPPE SPEC: STD COVE BASE, 700 SERIES COLOR: TBD CONTACT: MICHELE MUSGROVE 404-640-0241	PT-3 - TRIM PAINT MANUFACTURER: SHERWIN-WILLIAMS SPEC: INTERIOR, SEMI-GLOSS FINISH COLOR: TBD CONTACT: RUSS HANSEN 980-207-9410	EPP-1 - EPOXY PAINT MANUFACTURER: SHERWIN-WILLIAMS SPEC: EPOXY COLOR: TBD CONTACT: RUSS HANSEN 980-207-9410
TR-1 - TRANSITION STRIPS MANUFACTURER: ROPPE SPEC: RUBBER COLOR: TBD CONTACT: MICHELE MUSGROVE 404-640-0241	PT-4 - EXTERIOR PAINT MANUFACTURER: SHERWIN-WILLIAMS SPEC: EXTERIOR COLOR: TBD CONTACT: RUSS HANSEN 980-207-9410	EPP-2 - EPOXY PAINT MANUFACTURER: SHERWIN-WILLIAMS SPEC: EPOXY COLOR: TBD CONTACT: RUSS HANSEN 980-207-9410
CT-1 - CERAMIC TILE MANUFACTURER: AMERICAN OLEAN SPEC: 6x6 SQUARE FIELD TILE; MATCHING BULLNOSE BASE COLOR: TBD CONTACT: THE TILE CENTER 706-722-6804	CT-2 - CERAMIC TILE MANUFACTURER: AMERICAN OLEAN SPEC: UNGLAZED COLORBODY PORCELAIN MOSAICS COLOR: TBD CONTACT: THE TILE CENTER 706-722-6804	GT-1 - FLOOR GROUT MANUFACTURER: MAPEI SPEC: SANDED, EPOXY SIZE: 1/8" GROUT JOINT COLOR: TBD CONTACT: JERE STREET 770-354-3417

ALTERNATE #6
PROVIDE CERAMIC TILE FLOOR COVERING & BASE IN ROOM 16; TO BE CT-2.



PROPOSED PLAN
SCALE: 1/8" = 1'-0"

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CLIENT: NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
PROJECT NAME: **NEWBERRY COUNTY DETENTION CENTER RENOVATIONS**
PROJECT LOCATION: 3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

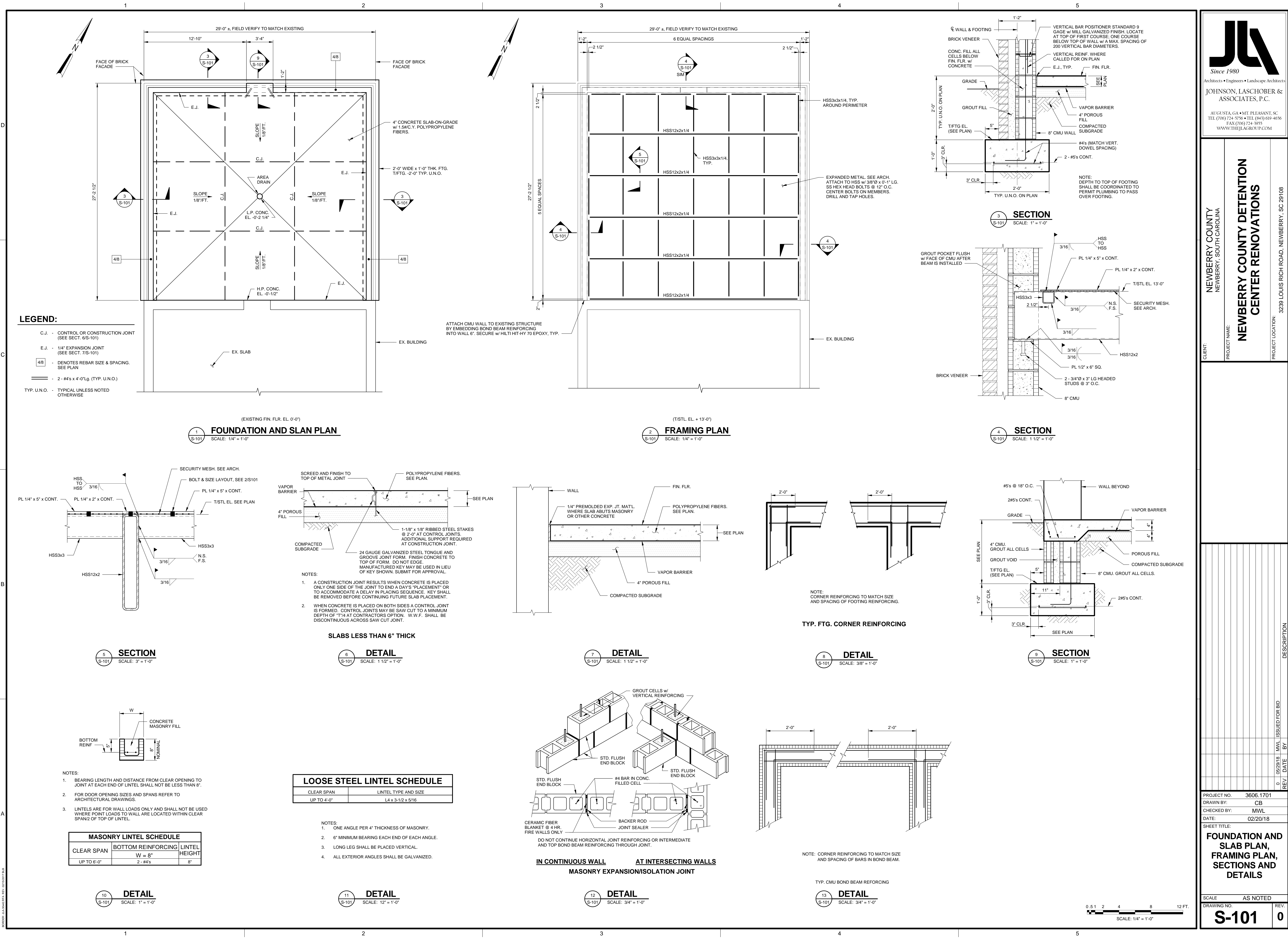
STATE OF SOUTH CAROLINA
JAMES W. LEE, III
REGISTERED ARCHITECT
05/21/10
SOUTH CAROLINA
JOHNSON, LASCHNER & ASSOCIATES, P.C.
No. C00790
CERTIFICATE OF AUTHORIZATION

REV	DATE	WLD	BY	DESCRIPTION
0	05/29/18			ISSUED FOR BID

PROJECT NO. 3606.1701
DRAWN BY: JPT
CHECKED BY: WLD
DATE: 10/17/17
SHEET TITLE: **FINISH PLAN, SCHEDULE, AND SPECIFICATIONS**

SCALE AS NOTED
DRAWING NO. **A-602**
REV. 0





REV	DATE	BY	DESCRIPTION
0	05/29/18	MMWL	ISSUED FOR BID
PROJECT NO. 3606.1701			
DRAWN BY: CB			
CHECKED BY: MMWL			
DATE: 02/20/18			
SHEET TITLE: FOUNDATION AND SLAB PLAN, FRAMING PLAN, SECTIONS AND DETAILS			
SCALE: AS NOTED			
DRAWING NO. S-101			
REV. 0			

A
B
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FIRE SUPPRESSION GENERAL NOTES:

GENERAL:
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING HVAC SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, NFPA 13, NFPA 14, NFPA 20, NFPA 22, NFPA 24, 2015 INTERNATIONAL BUILDING CODE w/ AMENDMENTS, AND 2015 INTERNATIONAL FIRE CODE w/ AMENDMENTS.

ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUIVAL" BY THE ARCHITECT OR ENGINEER.

SPRINKLER PIPE SIZING, PIPE ROUTING, SPRINKLER LOCATIONS, AND PIPE SUPPORTS/BRACING BY SPRINKLER CONTRACTOR. PROVIDE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND EQUIPMENT SUBMITTALS FOR REVIEW BY ENGINEER, AHJ, AND OWNER. SEE DIVISION 21 SPECIFICATIONS, IF APPLICABLE.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, NFPA 13, NFPA 14, NFPA 20, NFPA 24, 2012 INTERNATIONAL BUILDING CODE w/ AMENDMENTS, AND 2012 INTERNATIONAL FIRE CODE w/ AMENDMENTS.

EXACT LOCATIONS AND ROUGHING REQUIREMENTS FOR PIPING AND EQUIPMENT SHALL BE DETERMINED FROM ARCHITECTURAL DRAWINGS, LARGE SCALE ARCHITECTURAL DETAILS, AND APPROVED MANUFACTURER'S SHOP DRAWINGS. PARTICULAR ATTENTION SHALL BE DIRECTED TO FIXTURES OR EQUIPMENT FURNISHED UNDER OTHER DIVISIONS.

SEE ARCHITECTURAL PLANS FOR WALL CONSTRUCTION AND REFLECTED CEILING PLANS.

EXACT LOCATION OF PIPING SHALL BE DETERMINED BY JOB CONDITIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF HIS WORK WITH THAT OF OTHER TRADES AND ARRANGE PIPING TO CLEAR STRUCTURAL MEMBERS AND DUCTWORK.

IN FIRE WALLS, PACK ANNULAR SPACE BETWEEN PIPE AND WALL WITH FIRESTOP COMPOUND IN ACCORDANCE WITH ITS UL LISTING.

PIPING AND FITTINGS:
WET PIPE SPRINKLER SYSTEM, NPS 2 AND SMALLER, SHALL BE STANDARD-WEIGHT, BLACK-STEEL PIPE WITH THREADED ENDS. UNCOATED, GRAY-IRON THREADED FITTINGS, AND THREADED JOINTS.

LISTED FIRE PROTECTION VALVES:
VALVES SHALL BE UL LISTED AND FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING. VALVES FOR GROOVED-END PIPING MAY BE FURNISHED WITH GROOVED ENDS INSTEAD OF TYPE OF ENDS SPECIFIED.

SPECIALTY VALVES:
VALVES SHALL BE UL LISTED AND FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING. VALVES FOR GROOVED-END PIPING MAY BE FURNISHED WITH GROOVED ENDS INSTEAD OF TYPE OF ENDS SPECIFIED.

SPRINKLERS:
SPRINKLERS SHALL BE UL LISTED OR FM APPROVED, WITH MINIMUM 175-PSIG PRESSURE RATING.

AUTOMATIC SPRINKLERS WITH HEAT-RESPONSIVE ELEMENT SHALL BE UL 199, NOMINAL 1/2-INCH ORIFICE WITH DISCHARGE COEFFICIENT K OF 5.6, AND FOR "ORDINARY" TEMPERATURE CLASSIFICATION RATING UNLESS OTHERWISE INDICATED OR REQUIRED BY APPLICATION.

SPRINKLER FINISHES SHALL BE CHROME PLATED, BRONZE, OR PAINTED, AS INDICATED.

SPRINKLER ESCUTCHEONS SHALL BE CHROME-PLATED STEEL, ONE PIECE, FLAT.

SPRINKLER GUARDS SHALL BE UL 199, WIRE CAGE WITH FASTENING DEVICE FOR ATTACHING TO SPRINKLER.

ALARM DEVICES:
DEVICES SHALL BE UL LISTED OR FM APPROVED. ALARM-DEVICE TYPES SHALL MATCH PIPING AND EQUIPMENT CONNECTIONS.

SUBMITTALS:
PROVIDE SHOP DRAWINGS, HYDRAULIC CALCULATIONS, AND EQUIPMENT SUBMITTALS FOR REVIEW BY ENGINEER, AHJ, AND OWNER.

Hazard Classification:

ALL AREAS SHALL BE REGARDED AS LIGHT HAZARD UNLESS NOTED OTHERWISE.

L.H. - LIGHT HAZARD, PER NFPA 13

OH-1 - ORDINARY HAZARD, GROUP 1, PER NFPA 13

LEGEND:

◁ - HORIZONTAL SIDEWALL SPRINKLER

DESIGN CRITERIA:

- TYPES OF SYSTEMS:
- WET PIPE
- DENSITY / DESIGN AREA:
- LIGHT HAZARD: 0.10 GPM/FT² OVER H.M.D. 1500 FT²
- ORD. HAZARD, GR. 1: 0.15 GPM/FT² OVER H.M.D. 1500 FT²
- SPRINKLERS SHALL BE:
- 5.6 K-FACTOR AND A TEMPERATURE RATING OF 165°F
- UPRIGHT TYPE FOR ROOMS WITHOUT CEILINGS
- RECESSED PENDENT TYPE FOR ROOMS WITH CEILINGS
- SIDEWALL TYPE FOR WALL MOUNTING
- UPRIGHT, PENDENT, AND SIDEWALL, DRY TYPE FOR SPACES SUBJECT TO FREEZING
- BRIGHT CHROME WITH BRIGHT CHROME ESCUTCHEON IN FINISHED SPACES
- EXPOSED TO VIEW, ROUGH BRONZE IN UNFINISHED SPACES NOT EXPOSED TO VIEW
- INSTITUTIONAL IN ALL INMATE AREAS
- MAXIMUM PROTECTION AREA PER SPRINKLER SHALL NOT EXCEED 225 SQ. FT. FOR LIGHT HAZARD AND 130 SQ. FT. FOR ORDINARY HAZARD.
- PROVIDE SEISMIC BRACING PER NFPA AND IBC.
- HOSE ALLOWANCE SHALL BE 100 GPM FOR LIGHT HAZARD AND 250 GPM FOR ORDINARY HAZARD OCCUPANCIES.
- COMPLY WITH NFPA 13 FOR ABOVEGROUND PIPING.

K:\05081701\Drawings\NOTES.dwg Plotted: 05/26/2018 3:31 PM By: NAB, Brouker

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CLIENT:
NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA

PROJECT NAME:
NEWBERRY COUNTY DETENTION
CENTER RENOVATIONS

PROJECT LOCATION:
3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

Seal of the State of South Carolina

Professional Engineer

JOHNSON, LASCHOBER & ASSOCIATES, P.C.

No. C00780

DATE OF AUTHORIZATION

5/27/18

Seal of the State of South Carolina

Professional Engineer

JOHNSON, LASCHOBER & ASSOCIATES, P.C.

No. C00780

DATE OF AUTHORIZATION

5/27/18

REV	DATE	BY	DESCRIPTION
0	05/23/18	CVW	ISSUED FOR BID

PROJECT NO. 3606.1701

DRAWN BY: WBR

CHECKED BY: CVW

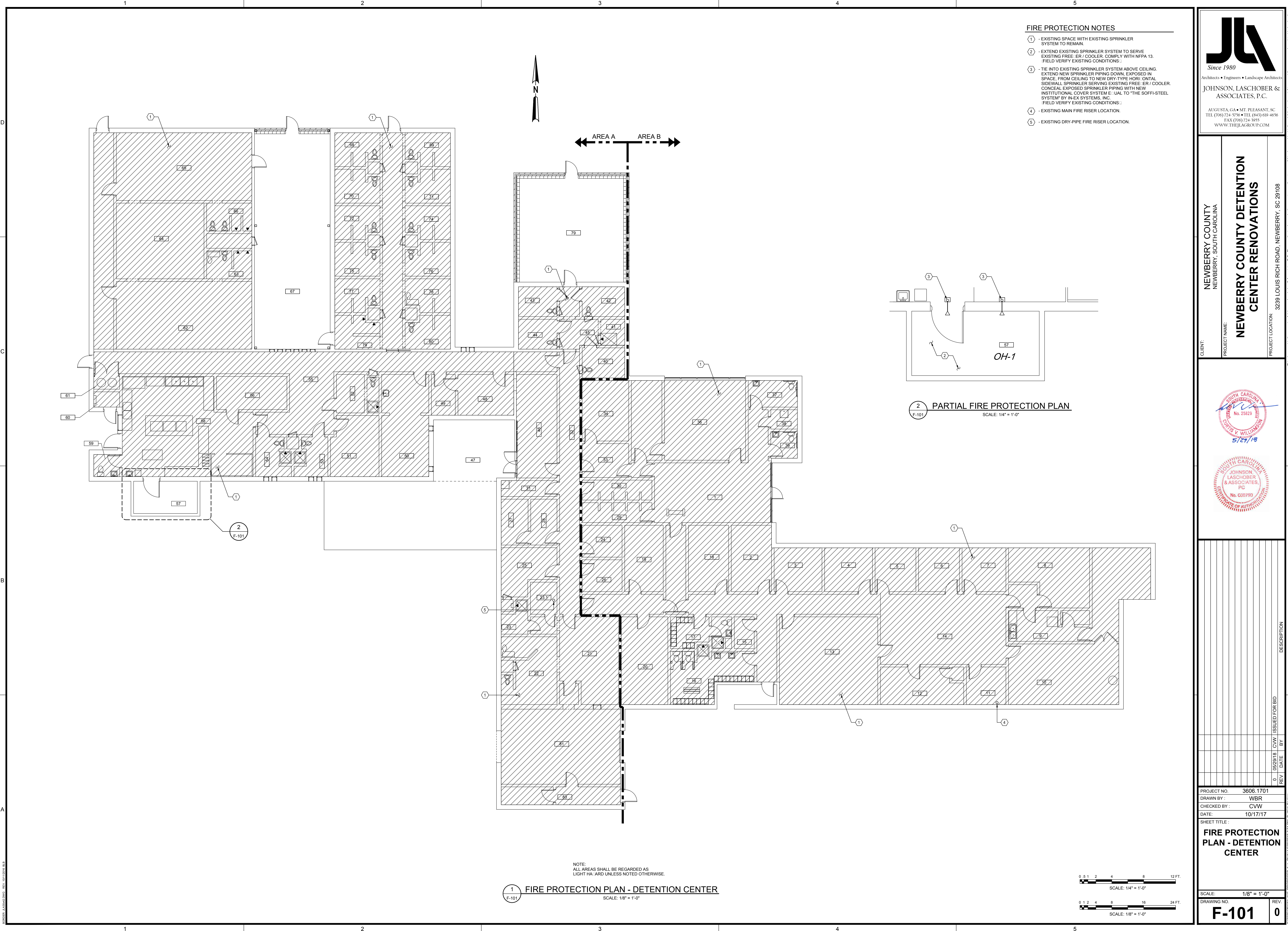
DATE: 10/17/17

SHEET TITLE:
**FIRE PROTECTION
GENERAL NOTES
AND LEGEND**

SCALE: AS NOTED

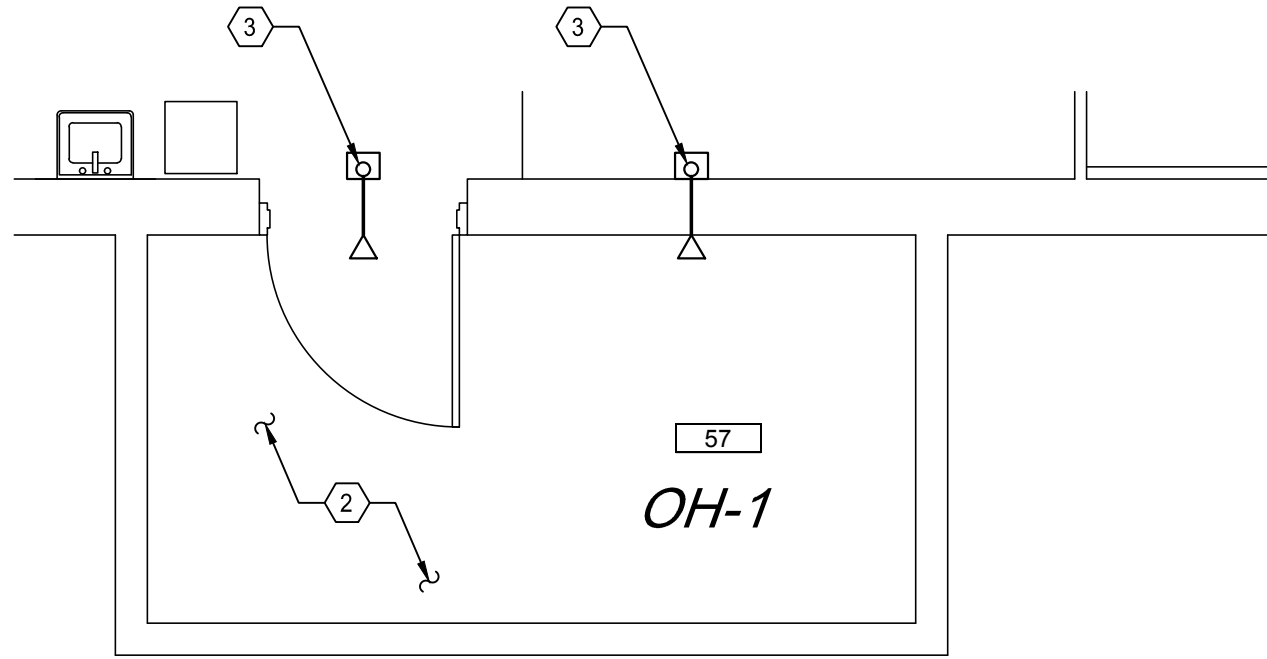
DRAWING NO. **F-001**

REV. 0



FIRE PROTECTION NOTES

- 1 - EXISTING SPACE WITH EXISTING SPRINKLER SYSTEM TO REMAIN.
- 2 - EXTEND EXISTING SPRINKLER SYSTEM TO SERVE EXISTING FREE: ER / COOLER. COMPLY WITH NFPA 13. FIELD VERIFY EXISTING CONDITIONS.
- 3 - TIE INTO EXISTING SPRINKLER SYSTEM ABOVE CEILING. EXTEND NEW SPRINKLER PIPING DOWN, EXPOSED IN SPACE, FROM CEILING TO NEW DRY-TYPE HORIZONTAL SIDEWALL SPRINKLER SERVING EXISTING FREE: ER / COOLER. CONCEAL EXPOSED SPRINKLER PIPING WITH NEW INSTITUTIONAL COVER SYSTEM EQUAL TO THE SOFFIT-STEEL SYSTEM BY IN-EX SYSTEMS, INC. FIELD VERIFY EXISTING CONDITIONS.
- 4 - EXISTING MAIN FIRE RISER LOCATION.
- 5 - EXISTING DRY-PIPE FIRE RISER LOCATION.

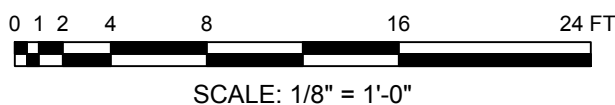
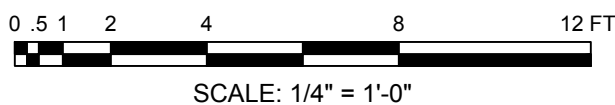


2 PARTIAL FIRE PROTECTION PLAN

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

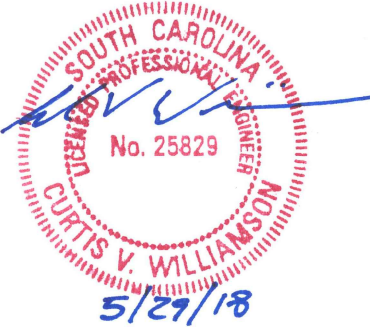
1 FIRE PROTECTION PLAN - DETENTION CENTER

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



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CLIENT: NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA
PROJECT NAME: **NEWBERRY COUNTY DETENTION CENTER RENOVATIONS**
PROJECT LOCATION: 3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

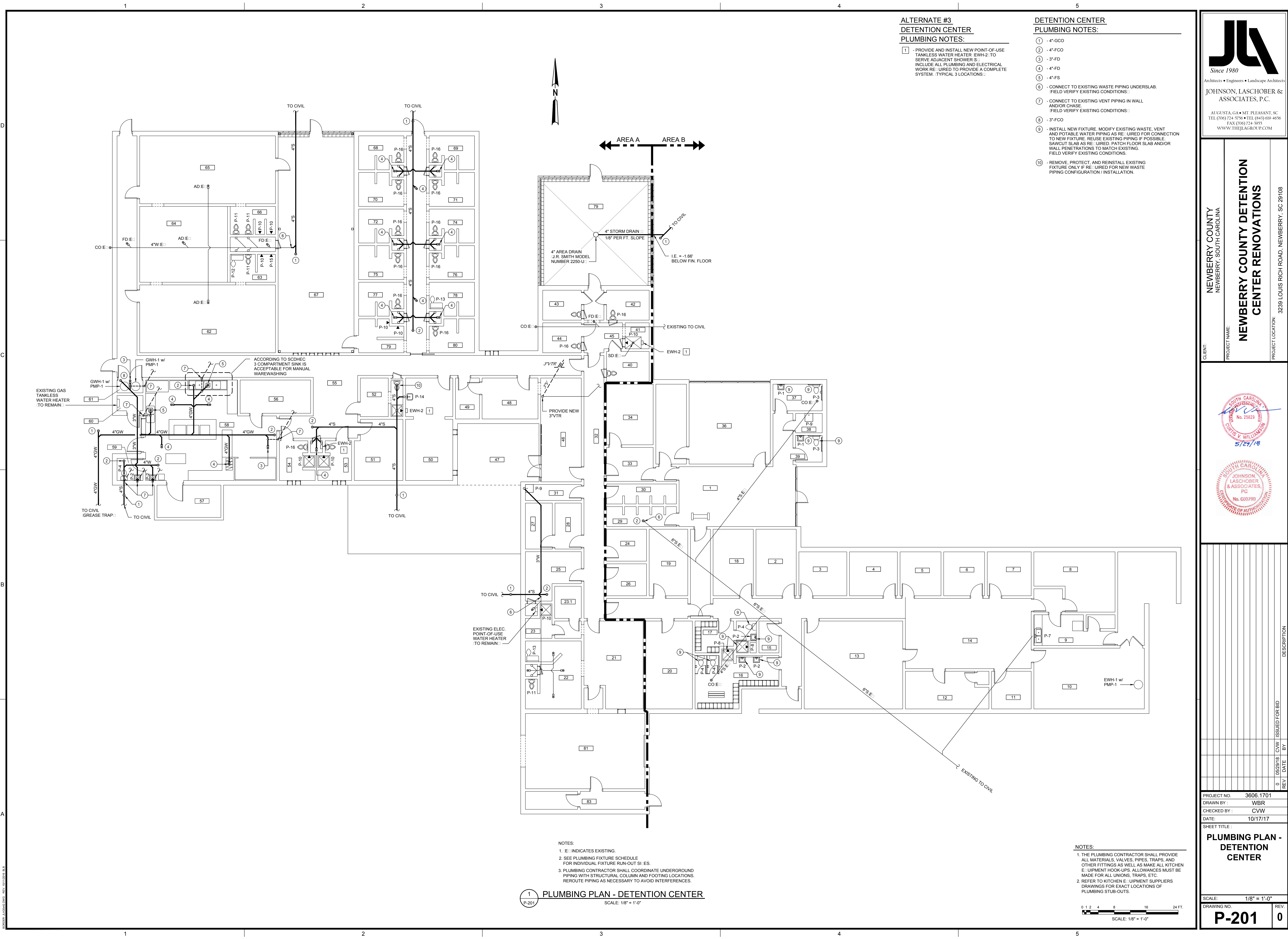


REV	DATE	BY	DESCRIPTION
0	05/23/18	CWW	ISSUED FOR BID

PROJECT NO. 3606.1701
DRAWN BY: WBR
CHECKED BY: CWW
DATE: 10/17/17

SHEET TITLE:
FIRE PROTECTION PLAN - DETENTION CENTER

SCALE: 1/8" = 1'-0"
DRAWING NO. **F-101** REV. 0



ALTERNATE #3
DETENTION CENTER
PLUMBING NOTES:

1 - PROVIDE AND INSTALL NEW POINT-OF-USE TANKLESS WATER HEATER. EWH-2 TO SERVE ADJACENT SHOWERS. INCLUDE ALL PLUMBING AND ELECTRICAL WORK REQUIRED TO PROVIDE A COMPLETE SYSTEM. TYPICAL 3 LOCATIONS.

DETENTION CENTER
PLUMBING NOTES:

1 - 4" GCO
2 - 4" FCO
3 - 3" FD
4 - 4" FD
5 - 4" FS
6 - CONNECT TO EXISTING WASTE PIPING UNDERSLAB. FIELD VERIFY EXISTING CONDITIONS.
7 - CONNECT TO EXISTING VENT PIPING IN WALL AND/OR CHASE. FIELD VERIFY EXISTING CONDITIONS.
8 - 3" FCO
9 - INSTALL NEW FIXTURE. MODIFY EXISTING WASTE, VENT AND POTABLE WATER PIPING AS REQUIRED FOR CONNECTION TO NEW FIXTURE. REUSE EXISTING PIPING IF POSSIBLE. SAWCUT SLAB AS REQUIRED. PATCH FLOOR SLAB AND/OR WALL PENETRATIONS TO MATCH EXISTING. FIELD VERIFY EXISTING CONDITIONS.
10 - REMOVE, PROTECT, AND REINSTALL EXISTING FIXTURE ONLY IF REQUIRED FOR NEW WASTE PIPING CONFIGURATION / INSTALLATION.

NOTES:

1. E indicates existing.
2. SEE PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL FIXTURE RUN-OUT SIZES.
3. PLUMBING CONTRACTOR SHALL COORDINATE UNDERGROUND PIPING WITH STRUCTURAL COLUMN AND FOOTING LOCATIONS. REROUTE PIPING AS NECESSARY TO AVOID INTERFERENCES.

1 PLUMBING PLAN - DETENTION CENTER
P-201
SCALE: 1/8" = 1'-0"

NOTES:

1. THE PLUMBING CONTRACTOR SHALL PROVIDE ALL MATERIALS, VALVES, PIPES, TRAPS, AND OTHER FITTINGS AS WELL AS MAKE ALL KITCHEN EQUIPMENT HOOK-UPS. ALLOWANCES MUST BE MADE FOR ALL UNIONS, TRAPS, ETC.
2. REFER TO KITCHEN EQUIPMENT SUPPLIERS DRAWINGS FOR EXACT LOCATIONS OF PLUMBING STUB-OUTS.

0 1 2 4 8 16 24 FT.
SCALE: 1/8" = 1'-0"



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CLIENT:
NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA

PROJECT NAME:
NEWBERRY COUNTY DETENTION CENTER RENOVATIONS

PROJECT LOCATION:
3239 LOUIS RICH ROAD, NEWBERRY, SC 29108



REV	DATE	BY	DESCRIPTION
0	05/23/18	CWV	ISSUED FOR BID

PROJECT NO. 3606.1701

DRAWN BY: WBR

CHECKED BY: CWV

DATE: 10/17/17

SHEET TITLE:
PLUMBING PLAN - DETENTION CENTER

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

DRAWING NO. **P-201**

REV. 0

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PROJECT NO.	3606.1701
DRAWN BY :	WBR
CHECKED BY :	CVW
DATE:	10/17/17

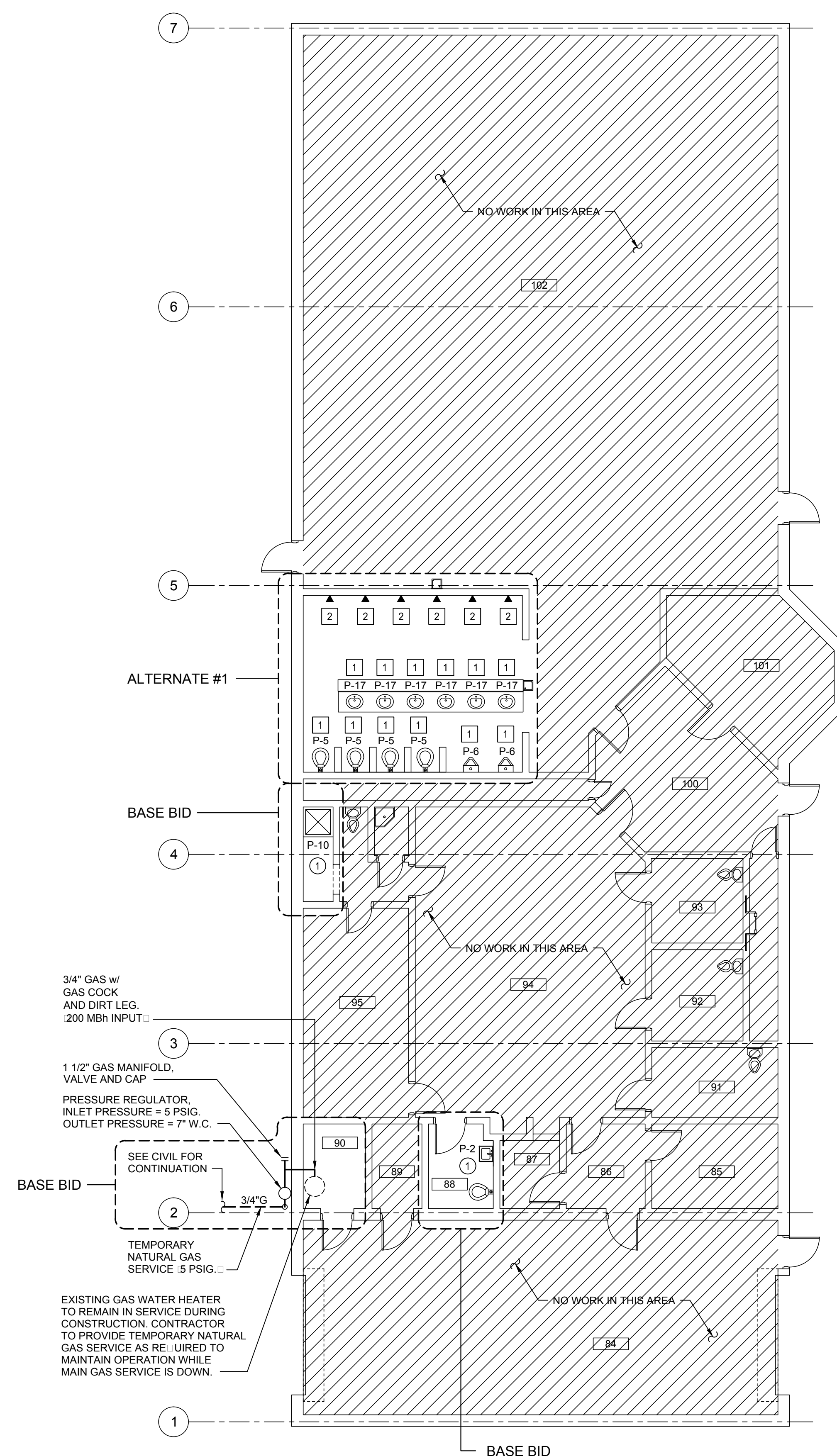
SHEET TITLE :

**PLUMBING PLAN -
PUBLIC WORKS**

SCALE: $1/8" = 1'-0"$

DRAWING NO.	REV.
P-202	0

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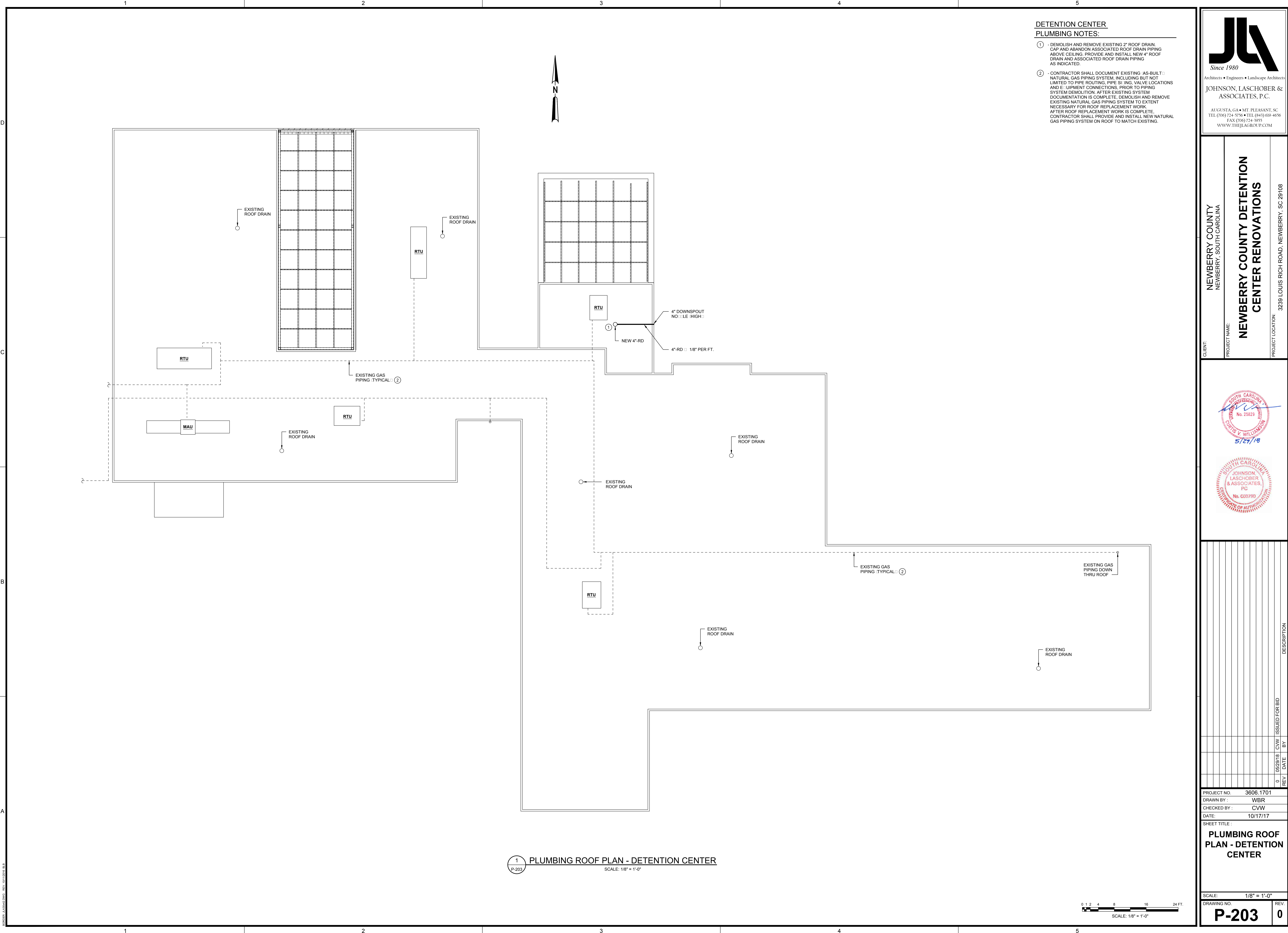


NOTES:

1. E INDICATES EXISTING.
2. SEE PLUMBING FIXTURE SCHEDULE FOR INDIVIDUAL FIXTURE RUN-OUT SIZES.
3. PLUMBING CONTRACTOR SHALL COORDINATE UNDERGROUND PIPING WITH STRUCTURAL COLUMN AND FOOTING LOCATIONS. REROUTE PIPING AS NECESSARY TO AVOID INTERFERENCES.

1 PLUMBING PLAN - PUBLIC WORKS
P-202 SCALE: 1/8" = 1'-0"

0 1 2 4 8 16 24 FT
SCALE: 1/8" = 1'-0"



A
B
C
D

HVAC GENERAL NOTES:

GENERAL:
THESE GENERAL NOTES PRESENT AND/OR SUMMARIZE KEY PRODUCT INFORMATION FOR THE PLAN READER'S CONVENIENCE. SEE DETAILS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.

WORK COVERED BY THIS DOCUMENT SHALL INCLUDE ALL LABOR, MATERIAL, PRODUCTS, AND SERVICES FOR, AND INCIDENTAL TO, INSTALLATION OF COMPLETE AND OPERATING HVAC SYSTEMS DRAWN OR SPECIFIED.

ALL WORK SHALL CONFORM TO ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES INCLUDING, BUT NOT LIMITED TO, NFPA 13, NFPA 90A, NFPA 90B, NFPA 96, 2017 NATIONAL ELECTRICAL CODE, AND 2015 INTERNATIONAL MECHANICAL CODE WITH AMENDMENTS.

ALL EQUIPMENT AND MATERIALS SHALL BE AS SPECIFIED OR "APPROVED EQUIPMENT" BY THE ARCHITECT OR ENGINEER.

INSTALL ALL MECHANICAL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.

ARRANGEMENTS OF MECHANICAL WORK SHALL BE AS SHOWN. DRAWINGS ARE NOT INTENDED TO INDICATE ALL OFFSETS AND FITTINGS. EXAMINE ALL DRAWINGS. INVESTIGATE CONDITIONS TO BE ENCOUNTERED AND ARRANGE WORK ACCORDINGLY. FURNISH AND INSTALL ALL FITTINGS AND OFFSETS.

DRAWINGS ARE NOT INTENDED TO SHOW IN DETAIL EXACT LOCATIONS AND CONNECTIONS FOR EQUIPMENT AND ACCESSORIES. FINAL CONNECTIONS SHALL BE AS SHOWN ON APPROVED SHOP DRAWINGS.

MEASUREMENT OF DRAWINGS BY SCALE SHALL NOT BE USED AS DIMENSIONS FOR FABRICATION. MEASUREMENTS FOR LOCATING EQUIPMENT, DUCTWORK, PIPING AND ACCESSORIES SHALL BE MADE ON THE JOB SITE AND SHALL BE BASED ON ACTUAL JOB CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEASUREMENTS. WHERE THE CONTRACTOR PREFABRICATES ANY WORK BASED ON THE DRAWINGS WITHOUT VERIFYING ACTUAL JOB CONDITIONS, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL COSTS INVOLVED IN MAKING CHANGES TO PREFABRICATED WORK WHERE CONFLICTS OCCUR.

THE CONTRACTOR SHALL CHECK CEILING HEIGHTS IN EACH SPACE ON ARCHITECTURAL DRAWINGS AND SHALL ARRANGE ALL MECHANICAL WORK TO FIT IN THE SPACE ABOVE THE CEILING ALLOWING FOR ACCESS TO REMOVE TILE. PARTICULAR ATTENTION SHALL BE DIRECTED TOWARD DUCT SYSTEMS AS SHOWN ON DRAWINGS. TO VERIFY THAT DUCTWORK ALONG WITH ALL OTHER WORK WILL FIT IN THE SPACE ABOVE THE CEILINGS, AFTER VERIFYING DIMENSIONS, IF THE CONTRACTOR DETERMINES THAT THE WORK WILL NOT FIT IN THE SPACE INDICATED, THEN THE CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER OF THE CONFLICT AND SHALL NOT INSTALL ANY WORK UNTIL INSTRUCTIONS ARE RECEIVED FROM THE ARCHITECT/ENGINEER. IF THE CONTRACTOR INSTALLS WORK AS SHOWN ON DRAWINGS WITHOUT VERIFYING ADEQUACY OF SPACES, AND THE WORK DOES NOT FIT THE SPACE SHOWN, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR REARRANGING WORK AND CHANGING DUCT SYSTEMS AS REQUIRED TO FIT THE SPACE AND THE CONTRACTOR SHALL PAY ALL COSTS CONNECTED WITH THE CHANGES.

CONTRACTOR SHALL INSTALL DUCTS, PIPING AND EQUIPMENT IN A NEAT AND WORKMANLIKE MANNER AND SHALL AVOID CONFLICT WITH OTHER WORK. EQUIPMENT SHALL BE SO ARRANGED AND FITTED INTO AVAILABLE SPACE SO THAT WORKING PARTS INCLUDING FILTERS AND LUBRICATION POINTS, AND OIL REMOVAL, ARE ACCESSIBLE FOR SERVICE WITHOUT DAMAGE TO BUILDING STRUCTURE OR FINISHES OR WITHOUT MOVING OTHER EQUIPMENT. THE CONTRACTOR SHALL NOT INSTALL ANY EQUIPMENT WHERE PARTS ARE INACCESSIBLE FOR SERVICE.

WHERE MOUNTING HEIGHTS ARE NOT DETAILED OR DIMENSIONED, INSTALL SYSTEMS, MATERIALS, AND EQUIPMENT TO PROVIDE MAXIMUM HEADROOM POSSIBLE.

EXACT LOCATION OF GRILLES & CEILING OUTLETS SHALL BE DETERMINED ON THE JOB. COORDINATE WITH LIGHTS AND ARCHITECTURAL REQUIREMENTS TO PROVIDE A UNIFORM & SYMMETRICAL APPEARANCE. REFER TO ARCHITECTURAL & ELECTRICAL DRAWINGS & DETAILS.

CUTTING AND REPAIRING: THE HVAC CONTRACTOR SHALL DO ALL CUTTING AND REPAIRING OF WALLS, FLOORS, CEILINGS, ETC. NECESSARY FOR THE INSTALLATION OF THE WORK BUT HE SHALL NOT CUT INTO ANY STRUCTURAL MEMBER WITHOUT THE PERMISSION OF THE ARCHITECT.

PROVIDE UNION OR FLANGE CONNECTIONS IN PIPING AT ALL EQUIPMENT & AS REQUIRED FOR SERVICE.

GENERAL CONTRACTOR TO PROVIDE ACCESS PANELS FOR ALL INACCESSIBLE, ABOVE CEILING DAMPERS AND EQUIPMENT. COORDINATE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.

METAL DUCT:
ALL DUCTWORK SHALL BE INSTALLED IN STRICT COMPLIANCE WITH SMACNA, NFPA BULLETIN 90A, AND ASHRAE GUIDES. UNLESS OTHERWISE NOTED, DUCTWORK SHALL BE GALVANIZED SHEET STEEL. FIBERGLASS DUCTWORK IS NOT ACCEPTABLE.

ALL EXPOSED SUPPLY AND RETURN DUCTWORK SHALL BE RECTANGULAR GALVANIZED LINED DUCT WITH PAINT GRIP PRIMER OR DOUBLE WALL INSULATED SPIRAL DUCT WITH PAINT GRIP PRIMER, UNLESS OTHERWISE NOTED.

MINIMUM DUCTWORK STATIC PRESSURE CLASS SHALL BE 2-INCH W.G. MINIMUM DUCT SEAL CLASS SHALL BE CLASS "A".

ALL DUCT DIMENSIONS ARE CLEAR INSIDE DIMENSIONS. ON RECTANGULAR DUCTS, DIMENSIONS GIVEN FIRST IS DIMENSION SEEN. DUCT DIMENSIONS MAY BE ALTERED AS LONG AS SAME DUCT CROSS SECTIONAL AREA IS MAINTAINED, IN ORDER TO AVOID INTERFERENCES AS NEEDED.

LOW PRESSURE FLEXIBLE DUCT: FACTORY FABRICATED ASSEMBLY, UL-181, CLASS 1 LISTED, HAVING A MINIMUM R-VALUE OF 4.2, EQUIPMENT TO THERMAFLEX "KM". CONNECT DIFFUSERS TO DUCTS WITH MAXIMUM 60-INCH LENGTHS OF FLEXIBLE DUCT CLAMPED OR STRAPPED IN PLACE.

MANUAL VOLUME DAMPERS: DAMPERS SHALL BE SAME MATERIAL AS DUCTWORK, PER SMACNA. PROVIDE AXLES FULL LENGTH OF DAMPER BLADES AND BEARINGS AT BOTH ENDS OF OPERATING SHAFT. PROVIDE MANUAL VOLUME DAMPERS IN ALL BRANCH DUCTS. ONE PER SUPPLY AND RETURN OUTLET.

FLEXIBLE CONNECTIONS: GLASS FABRIC DOUBLE COATED WITH NEOPRENE, 26 OZ. PER SQUARE YARD, COMPLYING WITH UL 181, CLASS 1. PROVIDE FLEXIBLE CONNECTION BETWEEN ALL EQUIPMENT AND RIGID DUCTWORK. FABRIC CONNECTIONS SHALL BE AT LEAST 3.5 INCHES WIDE AND HAVE A METAL-EDGED CONNECTOR AT EACH END. PROVIDE METAL COMPATIBLE WITH CONNECTED DUCTS.

TURNING VANES: GALVANIZED STEEL, COMPLYING WITH SMACNA. VANES SHALL BE SINGLE WALL FOR DUCTS UP TO 48 INCHES WIDE AND DOUBLE WALL FOR LARGER DIMENSIONS. ALL 90 DEGREE SQUARE ELBOWS AND TEES SHALL HAVE TURNING VANES SUPPLY & RETURN DUCT.

DUCT INSULATION:
ALL CONCEALED SUPPLY AND RETURN DUCTS SHALL BE INSULATED WITH 2.2 INCH THICK MINERAL-FIBER BLANKET INSULATION, ASTM C533 TYPE II AND ASTM C1290 TYPE III, WITH FACTORY-APPLIED FSK JACKET AND 3/4 LB. NOMINAL DENSITY, EQUIPMENT TO CERTAINTeed "SOFTTOUCH DUCT WRAP".

ALL OUTDOOR SUPPLY AND RETURN DUCTS SHALL BE INSULATED WITH 1.5 INCH THICK MINERAL-FIBER BOARD INSULATION, ASTM C512 TYPE I A OR TYPE B, WITH FACTORY-APPLIED FSK JACKET AND 2 LB. NOMINAL DENSITY, EQUIPMENT TO CERTAINTeed "CERTAPRO COMMERCIAL BOARD". INSTALL FIELD-APPLIED ALUMINUM JACKET, 0.0020 INCH THICK, OVER INSULATION MATERIAL ON ALL OUTDOOR SUPPLY AND RETURN DUCTS.

DUCT LINER - NON-ACOUSTIC: SHALL BE 1 INCH THICK FLEXIBLE CLOSED-CELL ELASTOMERIC DUCT LINER, COMPLYING WITH ASTM C534 TYPE II AND NFPA 90A OR NFPA 90B, EQUIPMENT TO ARMACELL "AP ARMAFLEX".

ACOUSTIC DUCT LINER SHALL BE 1 INCH THICK FLEXIBLE CLOSED-CELL ELASTOMERIC DUCT LINER, COMPLYING WITH ASTM C534 TYPE I A AND NFPA 90A OR NFPA 90B, EQUIPMENT TO ARMACELL "AP COILFLEX".

REFRIGERANT PIPING:
PROVIDE AND INSTALL REFRIGERANT PIPING IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND IN SUCH A WAY AS TO BE INCONSPICUOUS AND FREE FROM ANY POSSIBLE CONDENSATION.

REFRIGERANT PIPING SHALL BE COPPER, TYPE ACR, ANNEALED-TEMPER TUBING AND WROUGHT-COPPER FITTINGS WITH SOLDERED JOINTS SUITABLE FOR CONNECTION WITH SILVER SOLDER.

ALL INDOOR REFRIGERANT SUCTION AND HOT GAS PIPING SHALL BE INSULATED WITH 1 INCH THICK FLEXIBLE CLOSED-CELL ELASTOMERIC INSULATION, EQUIPMENT TO ARMACELL "AP ARMAFLEX".

ALL OUTDOOR REFRIGERANT SUCTION AND HOT GAS PIPING SHALL BE INSULATED WITH 3 INCH THICK FLEXIBLE CLOSED-CELL ELASTOMERIC INSULATION, EQUIPMENT TO ARMACELL "AP ARMAFLEX".

CONDENSATE DRAIN PIPING:
ALL CONDENSATE DRAIN PIPING AND FITTINGS SHALL BE SCHEDULE 40 PVC WITH SOLVENT WELD JOINTS, CONFORMING TO ASTM D 1785, ASTM D 2466, AND ASTM 2864.

CONTROLS:
PROVIDE AND INSTALL CONTROL WIRING AND 7-DAY PROGRAMMABLE THERMOSTATS AS REQUIRED UNLESS OTHERWISE SPECIFIED. MOUNT THERMOSTATS 4'-0" A.F.F.

ELECTRICAL:
ALL EQUIPMENT FURNISHED UNDER THIS DIVISION SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE REQUIREMENTS OF DIVISION 26. ALL POWER WIRING AND FINAL POWER CONNECTIONS TO THE SYSTEM SHALL BE PROVIDED UNDER DIVISION 26. CONTROL WIRING 120V AND LESS SHALL BE PROVIDED UNDER DIVISION 23 AND EXTEND FROM THE INDICATED 120V POWER CIRCUIT INDICATED ON THE ELECTRICAL DRAWINGS. ALL ELECTRICAL CHARACTERISTICS SHALL BE TAKEN FROM THE ELECTRICAL DRAWINGS AND SPECIFICATIONS AND COORDINATED PRIOR TO ORDERING THE EQUIPMENT. ALL WIRING IN THE CEILING PLENUM SHALL BE PLENUM-RATED CABLE OR INSTALLED IN CONDUIT.

MOTORS AND STARTERS:
PROVIDE MOTORS, STARTERS, VARIABLE FREQUENCY DRIVES, PUSH BUTTONS, THERMAL OVERLOAD SWITCHES, AND CONTACTORS FOR EQUIPMENT COVERED HEREIN UNLESS OTHERWISE SPECIFIED. INSTALLATION OF STARTERS, PUSH BUTTONS, THERMAL OVERLOAD SWITCHES, AND CONTACTORS NOT FACTORY INSTALLED IS SPECIFIED UNDER DIVISION 26.

CLEANING AND ADJUSTING:
CLEAN ALL GREASE, OIL, PAINT, AND OTHER CONSTRUCTION DEBRIS FROM THE EXTERIOR SURFACES OF ALL MECHANICAL EQUIPMENT, PIPING, AND DUCTS. CLEAN ALL DUCTS, PLENUMS, AND CASINGS OF DEBRIS AND BLOWN FREE OF ALL PARTICLES OF RUBBISH AND DUST PRIOR TO INSTALLATION OF OUTLET FACES.

BEARINGS THAT REQUIRE LUBRICATION SHALL BE LUBRICATED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL CONTROL EQUIPMENT SHALL BE ADJUSTED TO THE SETTINGS INDICATED OR REQUIRED FOR PERFORMANCE AS SPECIFIED. REMOVE ALL STICKERS, RUST, STAINS, LABELS, AND TEMPORARY COVERS BEFORE FINAL ACCEPTANCE. REMOVE FOREIGN MATTER FROM EQUIPMENT, PIPING AND DUCTWORK SYSTEMS AND APPURTENANCES. CLEAN AND POLISH IDENTIFICATION PLATES.

REMOVE ALL TRASH AND DEBRIS FROM THE JOBSITE ON A DAILY BASIS.

TESTING, ADJUSTING, AND BALANCING:
ALL WORK SHALL BE TESTED AND BALANCED BY AN INDEPENDENT CERTIFIED TAB SPECIALIST. TAB SPECIALIST SHALL BE CERTIFIED BY AABC, NEBB, OR TABB.

SUBMIT FINAL TEST AND BALANCE REPORT FOR REVIEW AND APPROVAL PRIOR TO TURN-OVER OF FINAL PROJECT.



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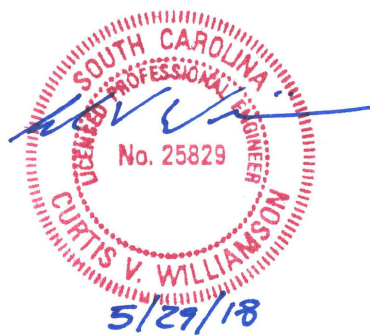
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CLIENT:
NEWBERRY COUNTY
NEWBERRY, SOUTH CAROLINA

PROJECT NAME:
NEWBERRY COUNTY DETENTION
CENTER RENOVATIONS

PROJECT LOCATION:
3239 LOUIS RICH ROAD, NEWBERRY, SC 29108



REV	DATE	BY	ISSUED FOR BID	DESCRIPTION
0	05/29/18	CWW		

PROJECT NO. 3606.1701
DRAWN BY: WBR
CHECKED BY: CWW
DATE: 10/17/17

SHEET TITLE:
**HVAC GENERAL
NOTES AND
LEGEND**

SCALE: AS NOTED
DRAWING NO. **M-001** REV. **0**

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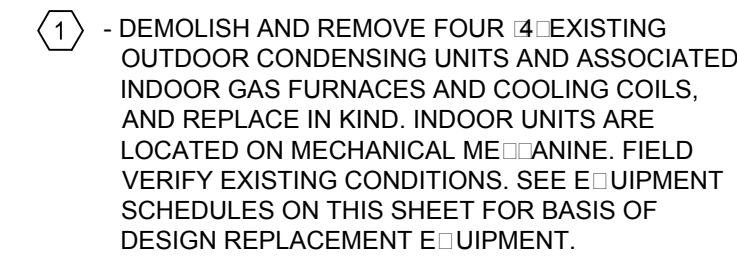
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ET TITLE :

WING NO.	REV.
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M-101	0
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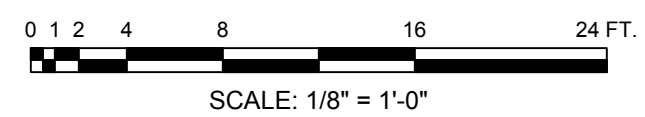


OUTDOOR CONDENSING UNIT SCHEDULE -ALTERNATE #2											
MARK	BASIS OF DESIGN		COOLING MBH		REFRIG. O.D.		EER/ SEER MIN.	ELECTRICAL			NOTES
	MANUFACTURER	MODEL NO.	TOTAL	SENSIBLE	LIQUID	SUCTION		MCA	MOC/P	V/Ø/Hz	
OCU-1	TRANE	4TTR40A36L	34.9	26.1	3/8	7/8	15.0	18.0	30	208/1/60	
OCU-2	TRANE	4TTR40A36L	34.9	26.1	3/8	7/8	15.0	18.0	30	208/1/60	
OCU-3	TRANE	4TTR40A36L	48.6	37.1	3/8	7/8	14.5	24.0	40	208/1/60	
OCU-4	TRANE	4TTR40A48L	48.6	37.1	3/8	7/8	14.5	24.0	40	208/1/60	

INDOOR FURNACE/COOLING COIL UNIT SCHEDULE ALTERNATE #2											
MARK	BASIS OF DESIGN			NOM. CFM	E.S.P. "W.C.	HEATING		ELECTRICAL SINGLE POINT CONN.			NOTES
	MANUFACTURER	FURNACE MODEL	COOLING COIL MODEL			INPUT MBH	AFUE	MCA	MOCP	V/Ø/Hz	
IFC-1	TRANE	TUD1B100	4TXCB04D	1200	0.5	100	80	12.3	15	115/160	①②③
IFC-2	TRANE	TUD1C100	4TXCB04D	1200	0.5	100	80	12.3	15	115/160	①②③
IFC-3	TRANE	TUD1C100	4TXCC07D	1600	0.5	100	80	15.4	20	115/160	①②③
IFC-4	TRANE	TUD1C100	4TXCC07D	1600	0.5	100	80	15.4	20	115/160	①②③

① FIELD ROUTE CONDENSATE TO EXISTING FLOOR DRAIN	② FIELD ROUTE REFRIGERANT PIPING TO CORRESPONDING OCU U.N.O.	③ REPLACE EXISTING THERMOSTAT WITH NEW 7-DAY PROGRAMMABLE THERMOSTAT
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1 HVAC PLAN - PUBLIC WORKS
M-101 SCALE: 1/8" = 1'-0"



D
C
B
A

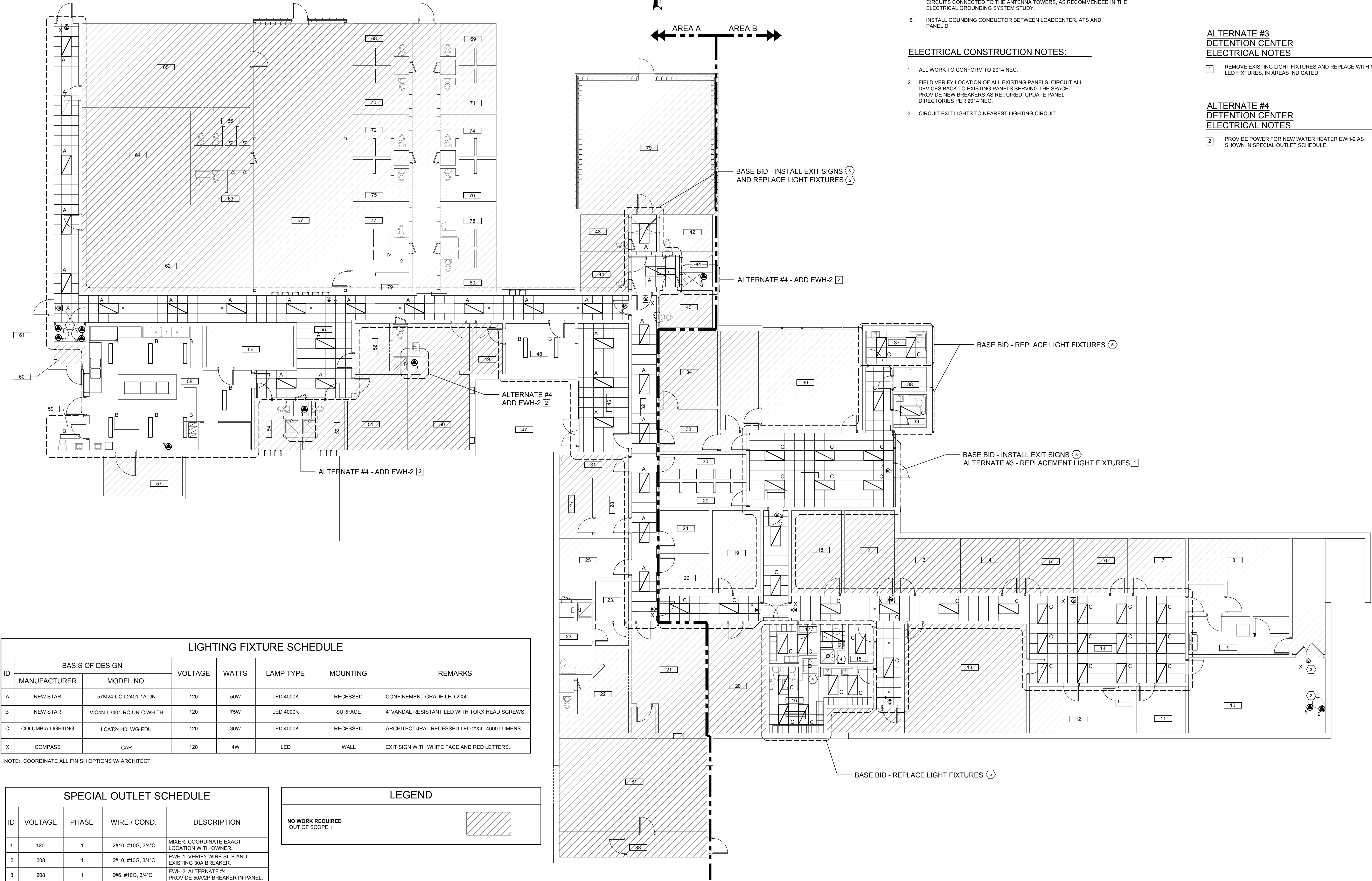
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3

4

5



LIGHTING FIXTURE SCHEDULE						
ID	BASIS OF DESIGN		VOLTAGE	WATTS	LAMP TYPE	REMARKS
	MANUFACTURER	MODEL NO.				
A	NEW STAR	57M24-CC-L2401-1A-UN	120	50W	LED 4000K	CONFINEMENT GRADE LED 2'X4'
B	NEW STAR	VIC4N-L3401-RC-UN-C WH TH	120	75W	LED 4000K	4' VANDAL RESISTANT LED WITH TORX HEAD SCREWS.
C	COLUMBIA LIGHTING	LCAT24-40LWG-EDU	120	36W	LED 4000K	ARCHITECTURAL RECESSED LED 2'X4' 4600 LUMENS
X	COMPASS	CAR	120	4W	LED	EXIT SIGN WITH WHITE FACE AND RED LETTERS.

NOTE: COORDINATE ALL FINISH OPTIONS W/ ARCHITECT

SPECIAL OUTLET SCHEDULE				
ID	VOLTAGE	PHASE	WIRE / COND.	DESCRIPTION
1	120	1	2#10, #10G, 3/4"C.	MIXER, COORDINATE EXACT LOCATION WITH OWNER.
2	208	1	2#10, #10G, 3/4"C.	EW-H-1. VERIFY WIRE SIZE AND EXISTING 30A BREAKER.
3	208	1	2#6, #10G, 3/4"C.	EW-H-2. ALTERNATE #4 PROVIDE 50A/2P BREAKER IN PANEL.
4	120	1	2#12, #12G, 3/4"C.	QWH-1. CONNECT TO NEAREST RECEPTACLE CIRCUIT.
5	120	1	2#12, #12G, 3/4"C.	PMP-1. CONNECT TO NEAREST RECEPTACLE CIRCUIT.

SPECIAL OUTLET SCHEDULE NOTES:
PROVIDE LOCAL DISCONNECTING MEANS FOR EACH MOTOR. COORDINATE WITH MOTOR MOCP.

LEGEND	
NO WORK REQUIRED OUT OF SCOPE: []	[]

ELECTRICAL GROUNDING SCOPE OF WORK

1. PROVIDE AND INSTALL E-UIPMENT GROUNDING CONDUCTOR FROM CAMERA HEADEND TO MAIN SERVICE GROUND IN MAIN ELECTRICAL ROOM.
2. PROVIDE AND INSTALL E-UIPMENT GROUNDING CONDUCTOR BETWEEN MAIN SERVICE PANEL AND ALL SUBPANELS IN MAIN ELECTRICAL ROOM. PROVIDE SEPARATE NEUTRAL AND GROUND BUS IN ALL PANELS. NEUTRAL BUS SHALL BE ISOLATED FROM PANEL ENCLOSURE AND GROUND BUS SHALL BE BONDED TO PANEL ENCLOSURE, EXCEPT AT THE MAIN SERVICE.
3. PROVIDE AND INSTALL A LIGHTNING PROTECTION SYSTEM. COMPLY WITH UL 96 AND NFPA 780. SEE SPECIFICATION.
4. PROVIDE AND INSTALL SURGE PROTECTIVE DEVICES ON ALL NETWORK CIRCUITS, TV MONITOR CIRCUITS, ALL CAMERA CIRCUITS, AND ON ALL CIRCUITS CONNECTED TO THE ANTENNA TOWERS, AS RECOMMENDED IN THE ELECTRICAL GROUNDING SYSTEM STUDY.
5. INSTALL GROUNDING CONDUCTOR BETWEEN LOADCENTER, ATS AND PANEL D

ELECTRICAL CONSTRUCTION NOTES:

1. ALL WORK TO CONFORM TO 2014 NEC.
2. FIELD VERIFY LOCATION OF ALL EXISTING PANELS. CIRCUIT ALL DEVICES BACK TO EXISTING PANELS SERVING THE SPACE. PROVIDE NEW BREAKERS AS REQUIRED. UPDATE PANEL DIRECTORIES PER 2014 NEC.
3. CIRCUIT EXIT LIGHTS TO NEAREST LIGHTING CIRCUIT.

DETENTION CENTER ELECTRICAL NOTES

- 1 PROVIDE POWER FOR NEW WATER HEATER GWH-1 AND PMP-1 AS INDICATED IN SPECIAL OUTLET SCHEDULE.
- 2 PROVIDE POWER FOR NEW WATER HEATER EWH-1 AND PMP-1 AS INDICATED IN SPECIAL OUTLET SCHEDULE.
- 3 PROVIDE AND INSTALL NEW EXIT SIGNS IN AREAS INDICATED
- 4 SHOWER ENCLOSURE WITH LIGHT - SEE PLUMBING SCHEDULE SHEET P-301
- 5 REMOVE EXISTING LIGHT FIXTURES AND REPLACE WITH NEW LED FIXTURES, IN AREAS INDICATED.

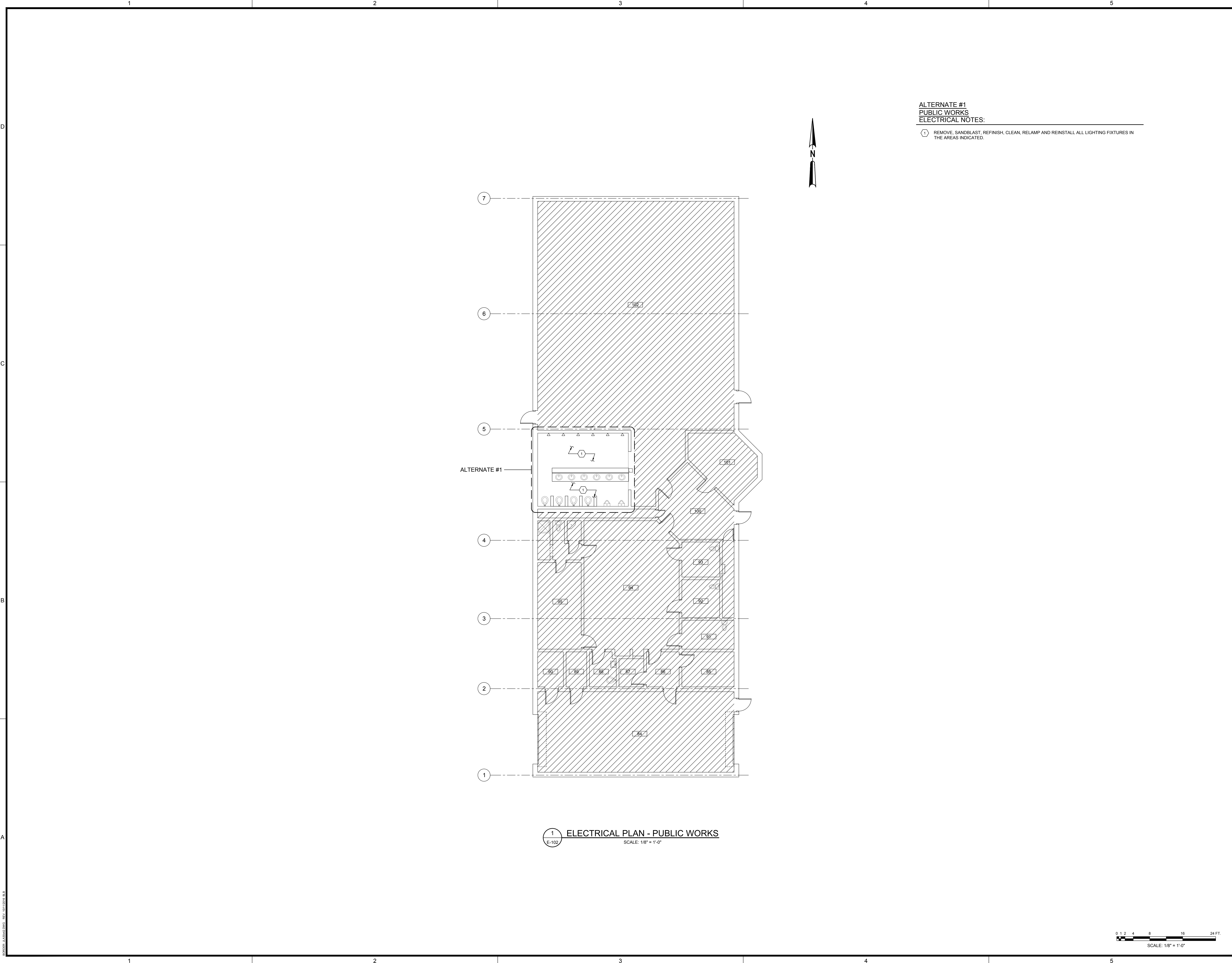
ALTERNATE #3 DETENTION CENTER ELECTRICAL NOTES

- 1 REMOVE EXISTING LIGHT FIXTURES AND REPLACE WITH NEW LED FIXTURES, IN AREAS INDICATED.

ALTERNATE #4 DETENTION CENTER ELECTRICAL NOTES

- 2 PROVIDE POWER FOR NEW WATER HEATER EWH-2 AS SHOWN IN SPECIAL OUTLET SCHEDULE.

REVISIONS		DESCRIPTION
0	05/29/18	FAK ISSUED FOR BID
1	10/17/17	JFP



ALTERNATE #1
PUBLIC WORKS
ELECTRICAL NOTES:

① REMOVE, SANDBLAST, REFINISH, CLEAN, RELAMP AND REINSTALL ALL LIGHTING FIXTURES IN THE AREAS INDICATED.

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PROJECT NAME:
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CENTER RENOVATIONS

PROJECT LOCATION:
3239 LOUIS RICH ROAD, NEWBERRY, SC 29108

No. 28571

FLOYD A. KEEL

05/29/18

JOHNSON
LASCHOB
& ASSOCIATES
P.C.

No. C00799

REV	DATE	BY	DESCRIPTION
0	05/29/18	FAK	ISSUED FOR BID

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DRAWN BY: JAP

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DATE: 10/17/17

SHEET TITLE:
ELECTRICAL PLAN
- PUBLIC WORKS

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

DRAWING NO. E-102

REV. 0