



ADDENDUM NO. 5 TO PROJECT NO. 44671

**CONSTRUCTION WORK, PLUMBING WORK, ELECTRICAL WORK
REPLACE PLUMBING, C-BLOCK BUILDING 20
ELMIRA CORRECTIONAL FACILITY
1879 DAVIS STREET
ELMIRA, NY**

May 14, 2015

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

CONSTRUCTION WORK:
DRAWINGS

1. Delete Drawing Number A-001 in its entirety and replace with Revised Drawing A-001 dated May 13, 2015.
2. Delete Drawing Number A-103 in its entirety and replace with Revised Drawing A-103 dated May 13, 2015.
3. Delete Drawing Number A-104 in its entirety and replace with Revised Drawing A-104 dated May 13, 2015.
4. Delete Drawing Number A-106 in its entirety and replace with Revised Drawing A-106 dated May 13, 2015.
5. Contractor Staging Area is located outside the building in the area identified in attached Sketch SK-01.

PLUMBING WORK:
SPECIFICATIONS

1. Page 224200-9: Delete ARTICLES 2.09 and 2.10 in their entirety and replace with the following:
“2.09 STAINLESS STEEL WATER CLOSETS PENAL FIXTURES
 - A. Contractor shall field verify the dimensional installation requirements for each unit for each cell prior to Submittal. Contractor shall indicate in the Submittal that all field measurements for installation have been verified.
 - B. Acorn Engineering Company Model #1675-W-1-ULF-EFV1.6-FVT-CO1-3/PC- FTA-PH-MT, as shown on drawings. Security Type Water Closet with the following features:

1. Toilet:
 - a. Water consumption 1.6 gallons of water or less per flush.
 - b. Blowout type, concealed wall supply, off floor mounting, wall outlet.
 - c. Seamless welded Type 304 stainless steel construction, with satin finish exterior except integral contoured seat shall have sanitary high polished finish.
 - d. Anti-flood – automatic reset.
 - e. Provide float controlled operated flush valve.
 - f. Recessed paper holder which accommodates standard sized rolls.
 - g. Trap: Minimum 3-1/2 inch seal, capable of passing a 2-1/8 inch ball. Waste outlet 2-3/8 inch diameter stainless steel, plain end.
 - h. Cleanout: Cleanout with o-ring connection to nu-hub with pinned cleanout plug. Modify sanitary piping as required to make connections.
2. Fixture shall withstand loadings up to 3,000 lbs with no measurable deflection, and loadings up to 3,000 lbs with no permanent damage.
3. Four point anchoring system required fasteners, all as furnished by fixture manufacturer.
 - a. Use vandal resistant fasteners if and where exposed.

2.10 STAINLESS STEEL LAVATORY PENAL FIXTURES

- A. Contractor shall field verify the dimensional installation requirements for each unit for each cell prior to Submittal. Contractor shall indicate in the Submittal that all field measurements for installation have been verified.
- B. Acorn Engineering Company Model #1652-1-BP-EVS1-LW1-MT, as shown on drawings. Security Type Lavatory with the following features:
 1. Oval bowl.
 2. Penal type bubble / filler.
 3. Electronically operated cold water push-button valve, requiring less than 5 lbs. force to activate.
 4. Lavatory waste with thru-walls extension, “P” –trap and cleanout.

2.11 TEMPLATES

- A. Provide for wall-mounted stainless steel penal type fixtures.”

2. Page 221100-7 – ARTICLE 3.07, PARAGRAPH B: Revise ITEM 2 as follows:

“2. 4 inch and Over: Galvanized Steel Schedule 40 pipe with flanged fittings. Threaded fittings allowed except for grooved piping.”

PLUMBING WORK: **DRAWINGS**

1. Delete Drawing Number P-001 in its entirety and replace with Revised Drawing P-001 dated May 13, 2015.
2. Delete Drawing Number P-102 in its entirety and replace with Revised Drawing P-102 dated May 13, 2015.

3. Delete Drawing Number P-103 in its entirety and replace with Revised Drawing P-103 dated May 13, 2015.
4. Delete Drawing Number P-104 in its entirety and replace with Revised Drawing P-104 dated May 13, 2015.
5. Delete Drawing Number P-105 in its entirety and replace with Revised Drawing P-105 dated May 13, 2015.
6. Delete Drawing Number P-401 in its entirety and replace with Revised Drawing P-401 dated May 13, 2015.
7. Delete Drawing Number P-402 in its entirety and replace with Revised Drawing P-402 dated May 13, 2015.
8. Delete Drawing Number P-403 in its entirety and replace with Revised Drawing P-403 dated May 13, 2015.
9. Delete Drawing Number P-404 in its entirety and replace with Revised Drawing P-404 dated May 13, 2015.
10. Delete Drawing Number P-405 in its entirety and replace with Revised Drawing P-405 dated May 13, 2015.

ELECTRICAL WORK:
DRAWINGS

1. Delete Drawing Number E-001 in its entirety and replace with Revised Drawing E-001 dated May 13, 2015.
2. Delete Drawing Number E-101 in its entirety and replace with Revised Drawing E-101 dated May 13, 2015.
3. Delete Drawing Number E-102 in its entirety and replace with Revised Drawing E-102 dated May 13, 2015.

END OF ADDENDUM

Margaret F. Larkin
Executive Director

PLUMBING NOTES:

- PLUMBING CONTRACTOR SHALL CONSULT WITH, COOPERATE AND COORDINATE WITH THE CONSTRUCTION CONTRACTOR, ELECTRICAL CONTRACTOR, AND ETC. IN ORDER TO MINIMIZE INTERFERENCES BETWEEN TRADES DURING PERFORMANCE OF THIS WORK.
- THE PLUMBING CONTRACTOR SHALL PERFORM ALL TESTS AND ARRANGE FOR ALL INSPECTIONS FOR WORK UNDER THE P-CONTRACT AS REQUIRED.
- THE PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO ALL PLUMBING EQUIPMENT REGARDLESS WHETHER ILLUSTRATED HEREIN, WITHOUT ANY ADDITIONAL COSTS.
- PLUMBING CONTRACTOR SHALL PERFORM ALL CUTTING, EXCAVATION, BACK FILLING, ROUGH AND FINISH PATCHING AS PER THE SPECIFICATIONS AS REQUIRED FOR THE INSTALLATION OF THE WORK, UNLESS NOTED OTHERWISE.
- ALL CONNECTIONS TO EQUIPMENT SHALL BE SIZED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
- WATERPROOF PIPE SLEEVES SHALL BE INSTALLED AT ALL PENETRATIONS THROUGH EXTERIOR WALLS. PIPE SLEEVES SHALL BE INSTALLED AT ALL WALL PENETRATIONS THROUGH INTERIOR WALLS AND FLOORS. ALL PIPING PENETRATIONS TO BE SEALED AROUND WITH FIRE SEALANT.
- REFER TO THE ARCHITECTURAL PLANS FOR ALL STRUCTURAL DIMENSIONS.
- THE INTENT OF THE SPECIFICATION AND THE DRAWINGS IS TO PROVIDE A COMPLETE AND FULLY OPERATIONAL PLUMBING SYSTEM. ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, HOISTING AND RIGGING, ETC., NECESSARY TO COMPLETE THE PLUMBING WORK SHALL BE INCLUDED IN PLUMBING CONTRACTORS BID.
- PLUMBING WORK IS INDICATED DIAGRAMMATICALLY. EXACT LOCATION OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS. COORDINATION WITH OTHER CONTRACTS WILL BE REQUIRED FOR FIXTURE LAYOUT.
- CONTRACTOR SHALL PROVIDE ALL WORK NECESSARY TO OBTAIN ALL PERMITS FOR THE COMPLETE INSTALLATION OF THE PLUMBING WORK.

PHASING:

THE SCOPE OF WORK AT ELMIRA CORRECTIONAL FACILITY, BUILDING 20 INCLUDES THE FOLLOWING WHILE MAINTAINING FULL PLUMBING SERVICE IN THE FULLY OCCUPIED FACILITY:

- REPLACE EXISTING PLUMBING FIXTURES, PLUMBING SOIL, WASTE AND VENT STACKS.
- REPLACE EXISTING DOMESTIC COLD, HOT AND RECIRCULATION RISERS AND MAINS.

THE SCOPE OF WORK WILL BE ACCOMPLISHED BY PROVIDING PARALLEL RISERS AND STACKS WITH TEMPORARY PLUGGED SOIL WASTE, VENT, VALVED, AND CAPPED WATER CONNECTIONS; MAIN DOMESTIC COLD, HOT AND RECIRCULATION MAINS; AND MAIN SOIL PIPING IN THE BASEMENT UTILITY CORRIDOR EXTENDING OUTSIDE THE BUILDING FOR FINAL CONNECTION.

PHASE 1:
PROVIDE HORIZONTAL WASTE, DOMESTIC WATER MAINS IN THE BASEMENT THAT CONNECT OUTSIDE OF THE BUILDING, WITH THE WASTE AND DOMESTIC COLD WATER CONNECTING TO EXISTING SANITARY SEWER AND COLD WATER MAINS OUTSIDE THE BUILDING. DUE TO INADEQUATE BASEMENT DRAINAGE, REDUCED PRESSURE ZONE BACKFLOW PREVENTERS CANNOT BE INSTALLED. THEREFORE, DOUBLE CHECK VALVES BE PROVIDED FOR BOTH THE FIRE AND COLD WATER SERVICE ENTRANCES.

PHASE 2:
PROVIDE WASTE AND VENT STACKS AND DOMESTIC COLD WATER RISERS ADJACENT TO THE EXISTING 1939 RISERS IN THE CELL BLOCK AREAS. THESE STACKS AND RISERS ARE IDENTIFIED AS WET COLUMNS A-1 AND A-2, B-1 AND B-2 C-1 AND C-2 AND D-1 AND D-2. ELECTRIC CONTRACTOR TO BEGIN INSTALLATION OF ELECTRONIC FIXTURE CONTROL SYSTEM.

PHASE 3:
BEGINNING AT THE BOTTOM OF WET COLUMNS A-1 AND C-1:

- CONSTRUCTION CONTRACT: REPAIRS, REMOVALS AND ABATEMENT OF LEAD CONTAINING MATERIALS, WET COLUMN A-1, CELLS 1-55 TO 1-62, 2-55 TO 2-62.
- CONSTRUCTION CONTRACT WORK AS ABOVE: FOR WET COLUMN C-1, CELLS 1-1 TO 1-8.
- PLUMBING CONTRACT: AT WET COLUMN A-1, CELLS 1-55 TO 1-62 REMOVE EXISTING WATER CLOSET, LAVATORY, AND RELATED PIPING; REMOVE AND STORE EXISTING PIN TRAPS, INSTALL FIXTURES TO BRANCH SOIL AND WATER PIPING CONNECTING TO VALVED AND PLUGGED OUTLETS LEFT IN PHASE 1. REINSTALL PIN TRAPS, ELECTRIC CONTRACT TO CONTINUE INSTALLATION OF ELECTRONIC FIXTURE CONTROL SYSTEM.
- CONSTRUCTION CONTRACT WORK AS ABOVE: WET COLUMN A-1, CELLS 2-55 TO 2-62.
- PLUMBING AND ELECTRIC CONTRACT WORK AS ABOVE: WET COLUMN C-1, CELLS 1-1 TO 21.
- CONSTRUCTION CONTRACT WORK AS ABOVE: WET COLUMN C-1, CELLS 2-1 TO 2-8.
- PLUMBING AND ELECTRIC CONTRACT WORK AS ABOVE: WET COLUMN A-1, CELLS 2-55 TO 2-62.
- CONTINUE CONSTRUCTION AND PLUMBING CONTRACT WORK: WET COLUMNS A-1 AND C-1 TO THE TIER 3 AND 4 LEVELS CELLS.

PHASE 4:
CONTINUE CONSTRUCTION ELECTRIC AND PLUMBING CONTRACT WORK AT WET COLUMNS A-2 AND C-2.

PHASE 5:
CONTINUE CONSTRUCTION ELECTRIC AND PLUMBING CONTRACT WORK AT WET COLUMNS B-1 AND D-1.

- PHASE 6:**
- CONTINUE CONSTRUCTION ELECTRIC AND PLUMBING CONTRACT WORK FOR WET COLUMNS B-2 AND D-2.
 - PLUMBING CONTRACT: ADJACENT TO WET COLUMN D-2.

PHASE 7:
AT WET COLUMNS G AND H:

- CONSTRUCTION CONTRACT: REMOVALS, REPAIRS AND ABATEMENT OF LEAD CONTAINING MATERIALS IN CELLS 1-63 TO 1-67, JANITOR'S ROOM 1-82 AND SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 4-72.
- PLUMBING CONTRACT: REMOVE EXISTING WATER CLOSETS LAVATORIES AND EXISTING LOCAL PIPING IN CELLS 1-63 TO 1-67. REMOVE EXISTING SERVICE SINK IN JANITOR'S ROOM 1-82. REMOVE WATER CLOSETS AND LAVATORY IN SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 4-74. PROVIDE SOIL AND VENT STACKS AND DOMESTIC COLD, HOT AND RECIRCULATION RISERS UTILIZING EXISTING FLOOR PENETRATIONS. PROVIDE WATER CLOSETS AND LAVATORIES IN SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 4-74. PROVIDE DOMESTIC WATER COOLERS ADJACENT TO CORRECTIONAL OFFICERS TOILET ROOMS ON THE SECOND AND FOURTH TIERS. CONNECT SOIL STACK AND WATER RISERS TO NEW MAINS IN THE BASEMENT UTILITY CORRIDOR.

PHASE 8:
AT WET COLUMNS G AND H:

- CONSTRUCTION CONTRACT: REMOVALS, REPAIRS AND ABATEMENT OF LEAD CONTAINING MATERIALS IN CELLS 1-68 TO 1-72 AND CORRECTIONAL OFFICERS TOILET ROOM 1-86.
- PLUMBING CONTRACT: REMOVE EXISTING WATER CLOSETS AND LAVATORIES. PROVIDE STAINLESS STEEL WATER CLOSETS AND LAVATORIES IN CELLS, AND WATER CLOSET AND LAVATORY IN CORRECTIONAL OFFICERS TOILET ROOM.

PHASE 9:
AT WET COLUMN E:

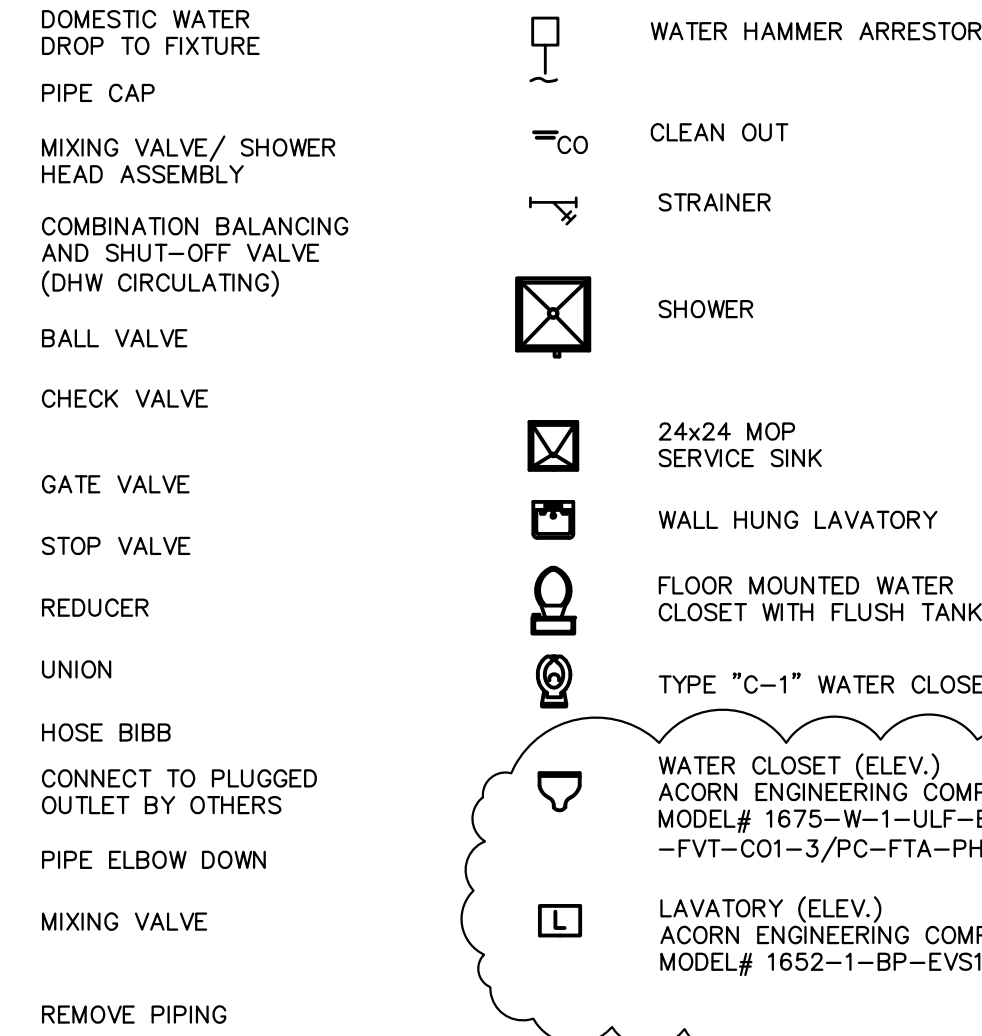
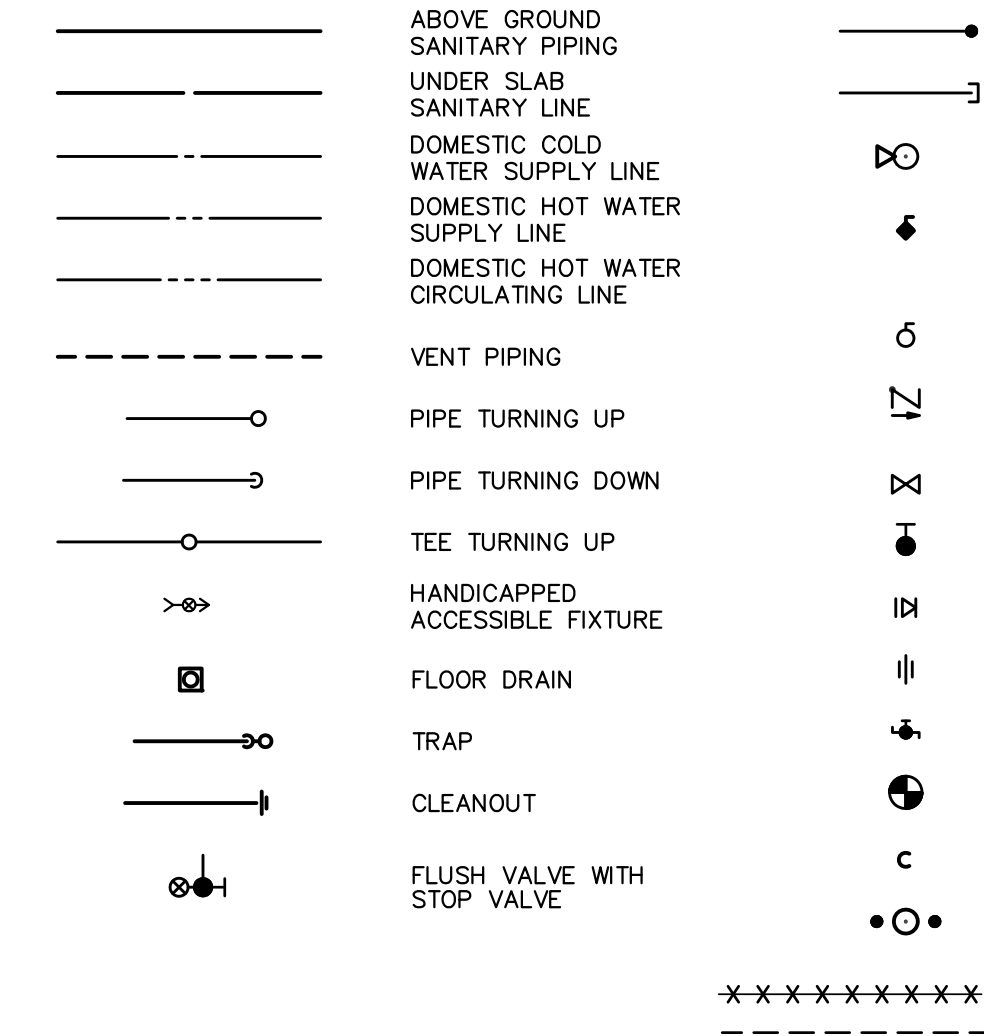
- CONSTRUCTION CONTRACT: REMOVALS, REPAIR AND ABATEMENT OF LEAD CONTAINING MATERIALS. TIERS 1 TO 4.
- PLUMBING CONTRACT: PROVIDE WASTE STACK, VENT STACK & DOMESTIC HOT, COLD & RECIRCULATING RISERS TIERS 1 TO 4 INCLUDING IN ROOMS 1-81, 2-70, 3-63 & 4-70. PROVIDE MOP SERVICE SINK, SHOWER & FLOOR DRAIN IN ROOMS 1-81, 2-70, 3-63 & 4-70. REMOVE EXISTING RISERS & STACKS AS PER PHASE 11.
- CONSTRUCTION CONTRACT: ENCLOSE WET COLUMN IN PIPE SPACE FLOORS 1 THROUGH 4.

PHASE 10:
AT WET COLUMN F:

- CONSTRUCTION CONTRACT: AS PER PHASE 9 ABOVE.
- PLUMBING CONTRACT: AS PER PHASE 9 ABOVE.
- PLUMBING CONTRACT: ADJACENT TO WET COLUMN F.

PHASE 11:
PLUMBING CONTRACT: REMOVAL OF ALL NON-ESSENTIAL WATER, WASTE, SOIL AND VENT PIPING. ABANDON EXISTING BELOW GRADE SOIL & FAI PIPING WHERE INDICATED ON DRAWINGS.

SYMBOLS:



WATER CLOSET (ELEV.)
ACORN ENGINEERING COMPANY
MODEL# 1675-W-1-ULF-EFV1.6
-FVT-CO1-3/PC-FTA-PH-MT

LAVATORY (ELEV.)
ACORN ENGINEERING COMPANY
MODEL# 1652-1-BP-EVS1-LW1-MT

ABBREVIATIONS:

ABV	ABOVE	LAV	LAVATORY
AD	ACCESS DOOR	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MC	MECHANICAL CONTRACTOR
AFG	ABOVE FINISHED GRADE	MFR	MANUFACTURER
AP	ACCESS PANEL	MIN	MINIMUM
BF	BELOW FLOOR	MSS	MOP SERVICE SINK
BSMT	BASEMENT	MV	MIXING VALVE
CI	CAST IRON	NIC	NOT IN CONTRACT
CLG	CEILING	NTS	NOT TO SCALE
CO	CLEAN OUT	PC	PLUMBING CONTRACTOR
CODP	CLEANOUT DECK PLATE	PO	PLUGGED OUTLET
COND	CONDUIT	PSI	POUNDS PER SQUARE INCH
COWP	CLEANOUT WALL PLATE	SAN	SANITARY
CTE	CONNECT TO EXISTING	SHR	SHOWER
CW	COLD WATER	SS	STAINLESS STEEL
DF	DRINKING FOUNTAIN	TYP	TYPICAL
DHW	DOMESTIC HOT WATER	URN	URINAL
DHWC	DOMESTIC HOT WATER CIRCULATING	V	VENT
DIA	DIAMETER	VTR	VENT THROUGH THE ROOF
DN	DOWN	W	WASTE
DWV	DRAINAGE, WASTE & VENT DRAINAGE PIPING	W&V	WASTE AND VENT
EXIST.	EXISTING	WC	WATER CLOSET
FAI	FRESH AIR INLET	WHA	WATER HAMMER ARRESTOR
FD	FLOOR DRAIN	DWG	DRAWING
FFE	FINISHED FLOOR ELEVATION	ETR	EXISTING TO REMAIN
FT	FEET		
GPM	GALLONS PER MINUTE		
IN	INCHES		
INV. EL.	INVERT ELEVATION		
PSIG	POUNDS PER SQUARE INCH GAUGE		

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CONTRACT: PLUMBING

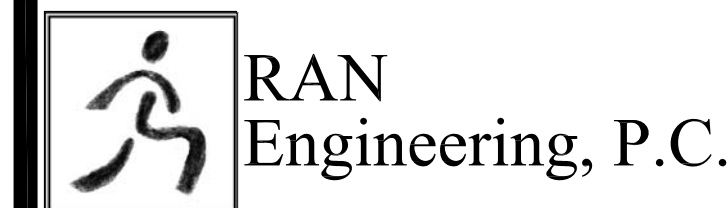
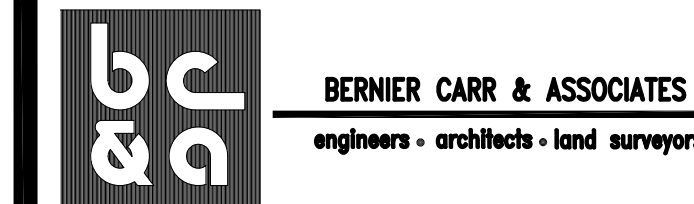
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LOCATION: ELMIRA CORRECTIONAL FACILITY
1879 DAVIS STREET
ELMIRA, NEW YORK

CLIENT: DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

5/13/2015	ADDENDA 5	
11/12/2014	BID DOCUMENTS	
MARK	DATE	DESCRIPTION
PROJECT NUMBER:	44671	- P
DESIGNED BY:	LGB	
DRAWN BY:	JAS	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:		
SYMBOLS NOTES & ABBREVIATIONS		
DRAWING NUMBER:		
P-001		
SHEET 1 OF 14		

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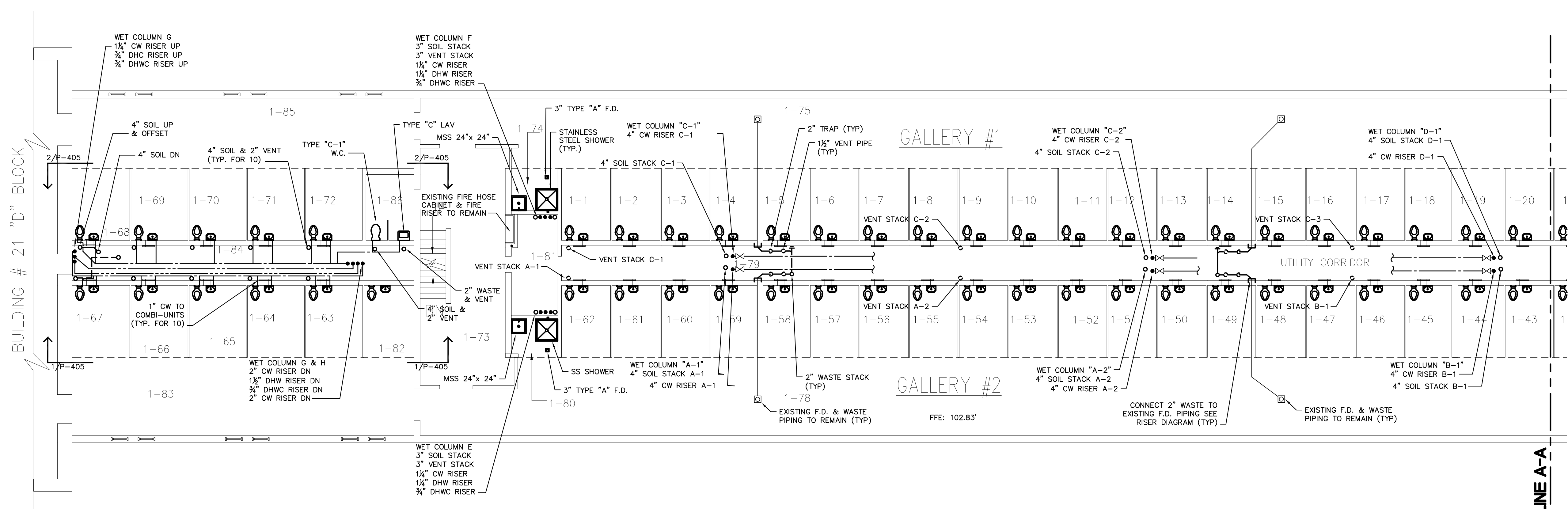


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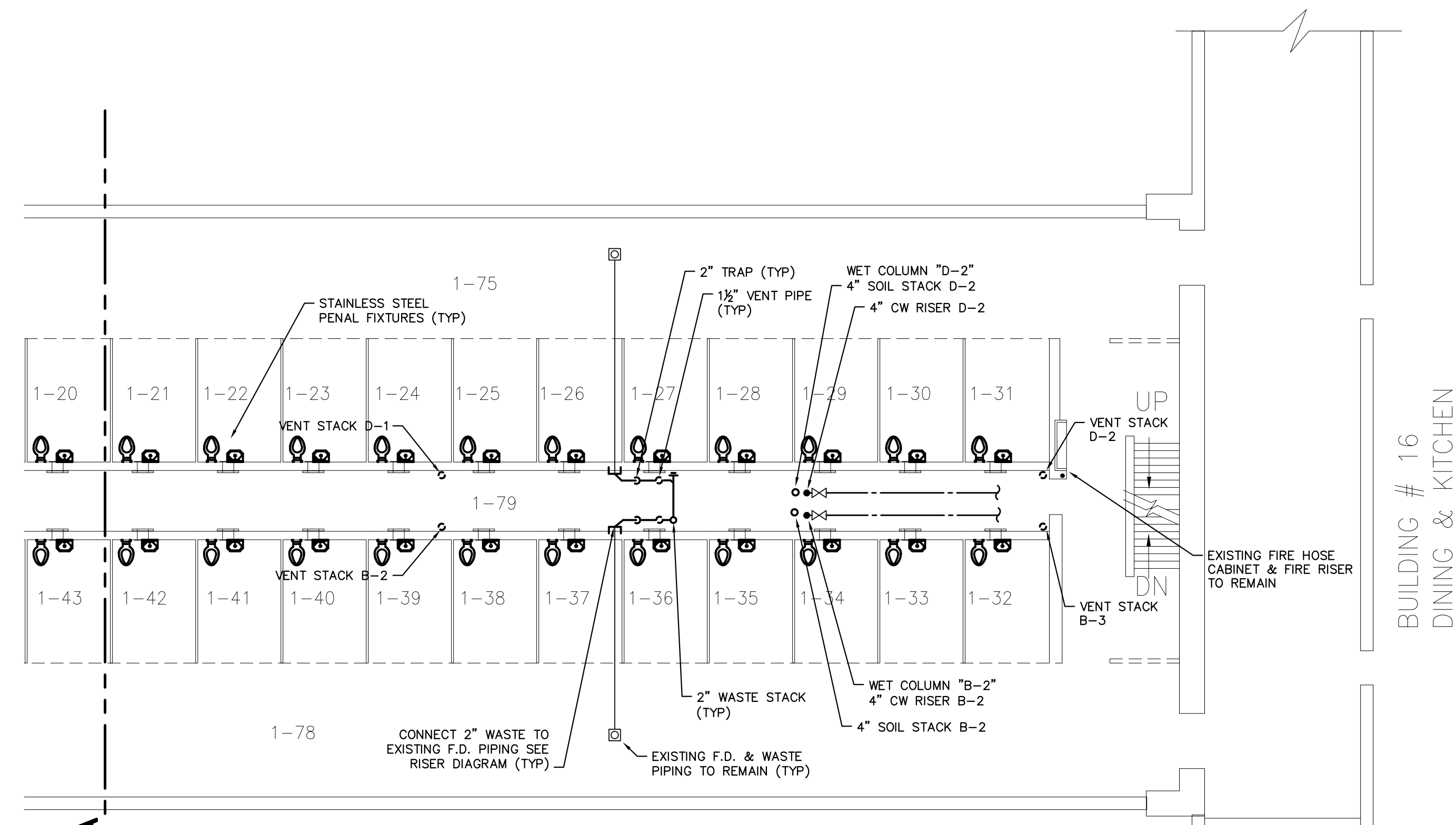
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 TITLE: **REPLACE PLUMBING C BLOCK, BUILDING 20**
 LOCATION: **ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET
 ELMIRA, NEW YORK**
 CLIENT: **DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION**

MARK	DATE	DESCRIPTION
△	5/13/2015	ADDENDA 5
	11/12/2014	BID DOCUMENTS
PROJECT NUMBER:	44671 - P	
DESIGNED BY:	LGB	
DRAWN BY:	JAS	
FIELD CHECK:		
APPROVED:		

SHEET TITLE:
PLUMBING - FIRST FLOOR PLAN
 DRAWING NUMBER:
P-102
 SHEET 3 OF 14

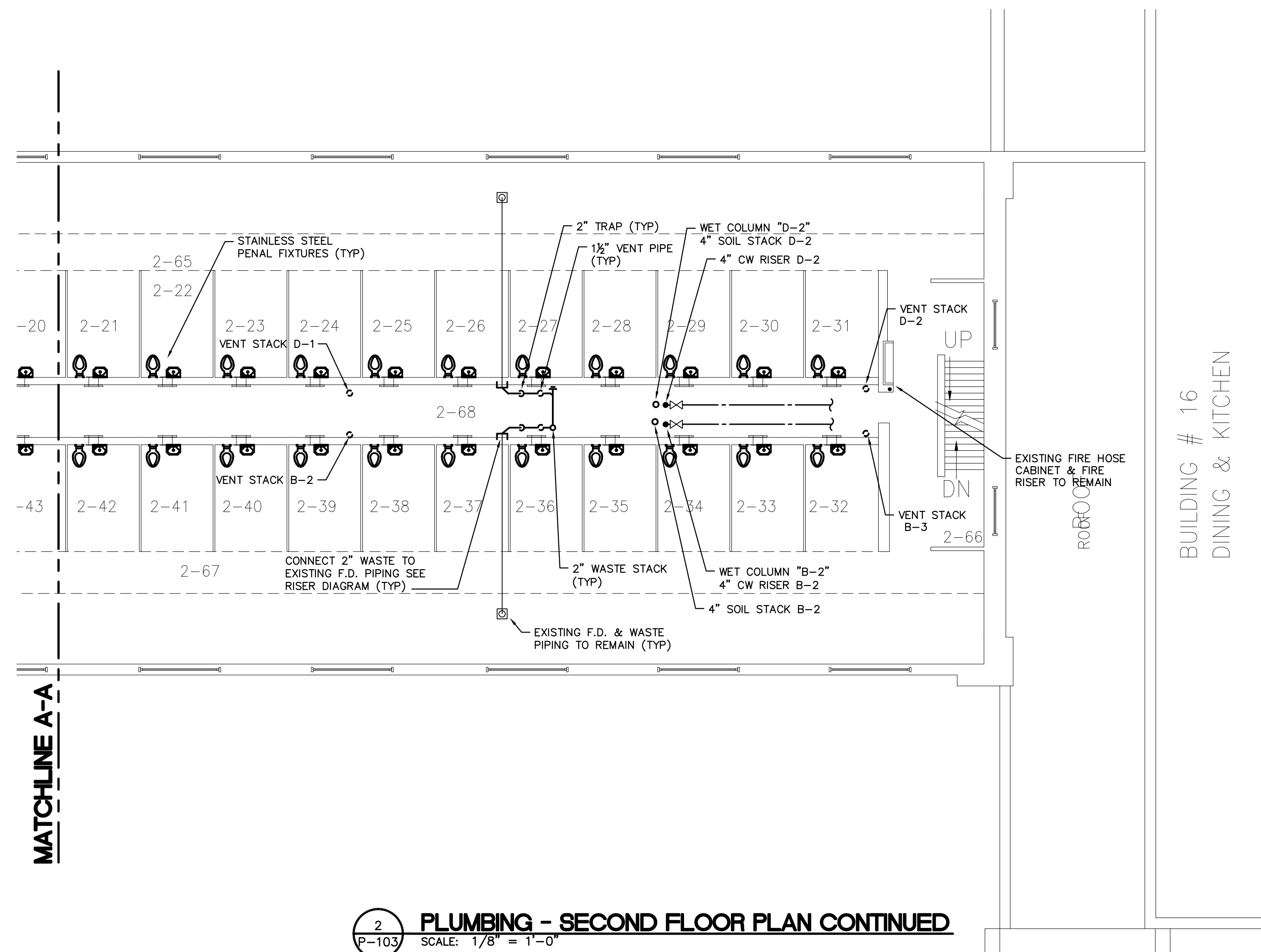
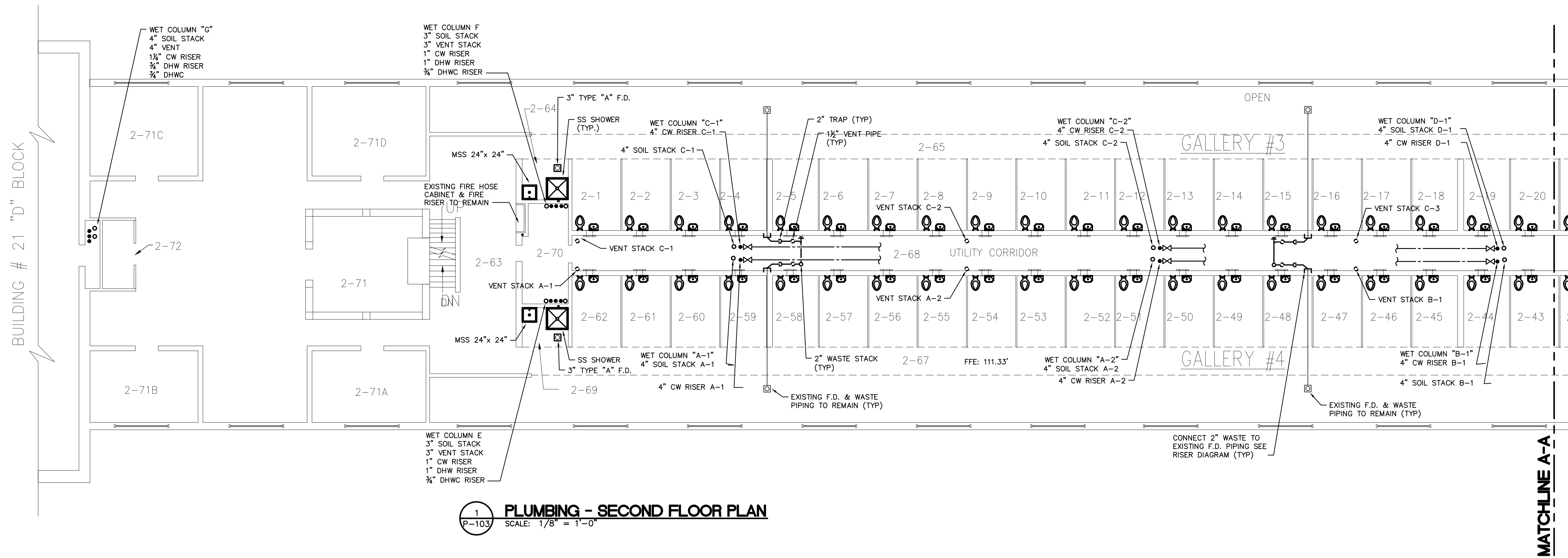


1 PLUMBING - FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"



2 PLUMBING - FIRST FLOOR PLAN CONTINUED
 SCALE: 1/8" = 1'-0"





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CONTRACT: **PLUMBING**

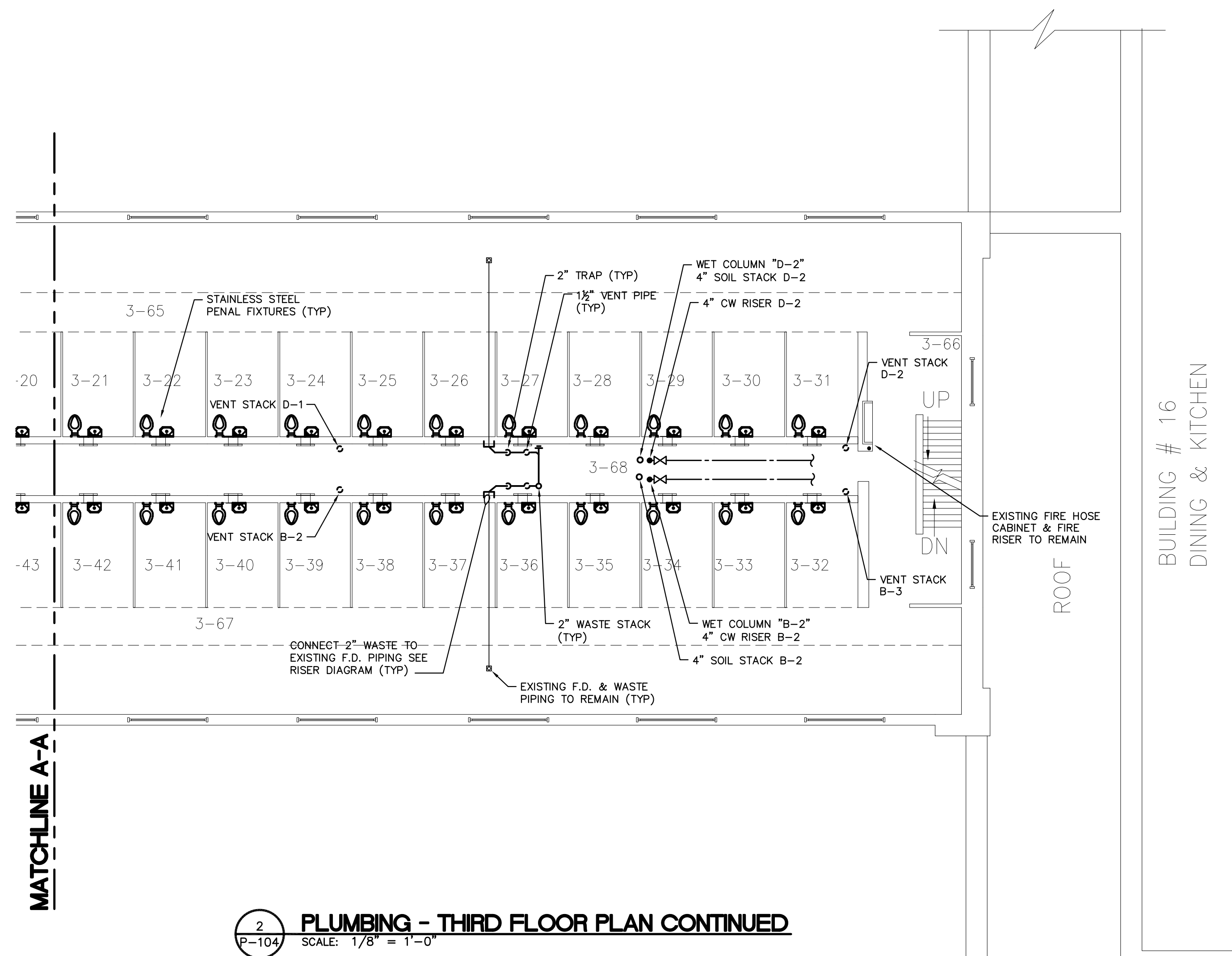
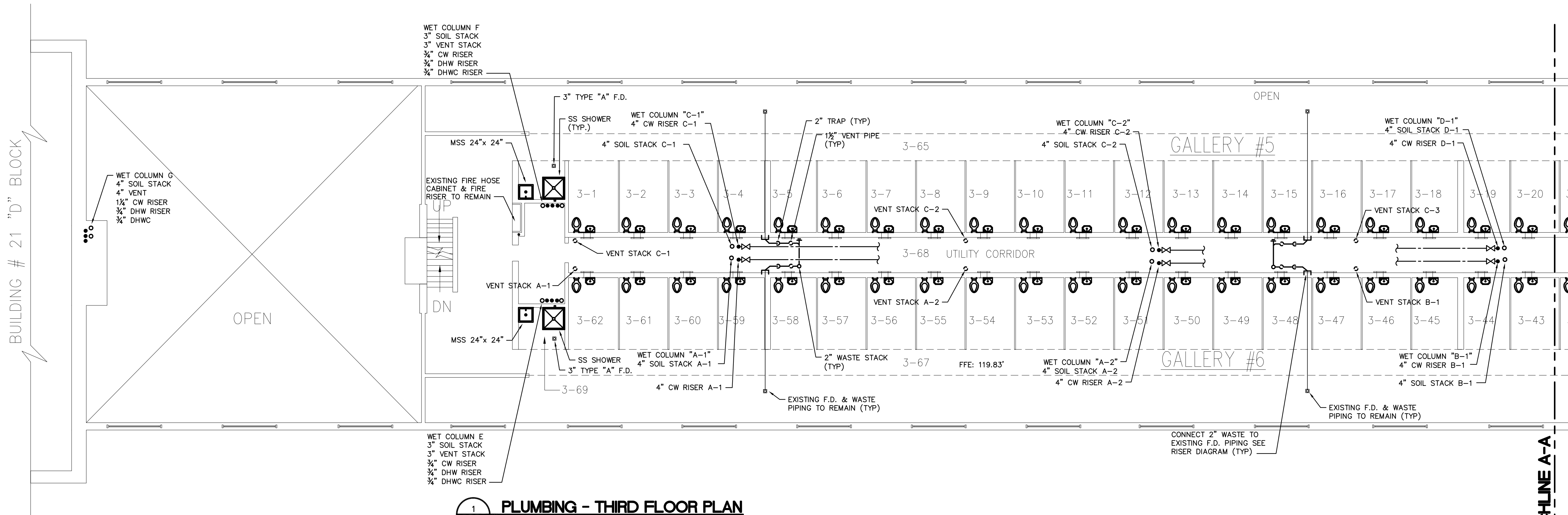
TITLE: **REPLACE PLUMBING C BLOCK, BUILDING 20**

LOCATION: **ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET
 ELMIRA, NEW YORK**

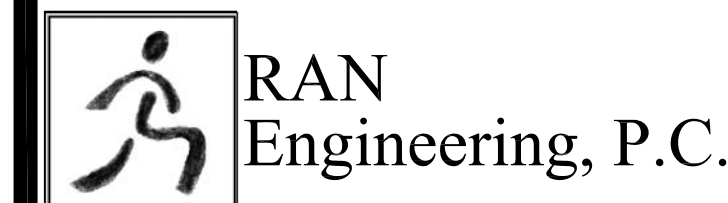
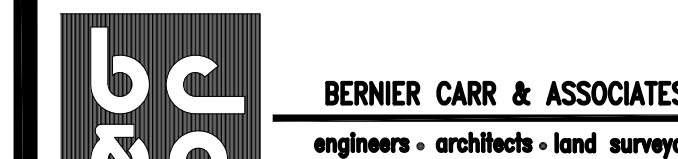
CLIENT: **DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION**

MARK	DATE	DESCRIPTION
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	11/12/2014	BID DOCUMENTS
PROJECT NUMBER:	44671 - P	
DESIGNED BY:	LGB	
DRAWN BY:	JAS	
FIELD CHECK:		
APPROVED:		
SHEET TITLE:	PLUMBING - SECOND FLOOR PLAN	
DRAWING NUMBER:	P-103	
SHEET	4	OF 14





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CONTRACT: **PLUMBING**

TITLE: **REPLACE PLUMBING C BLOCK, BUILDING 20**

LOCATION: **ELMIRA CORRECTIONAL FACILITY
1879 DAVIS STREET
ELMIRA, NEW YORK**

CLIENT: **DEPARTMENT OF CORRECTIONS
AND COMMUNITY SUPERVISION**

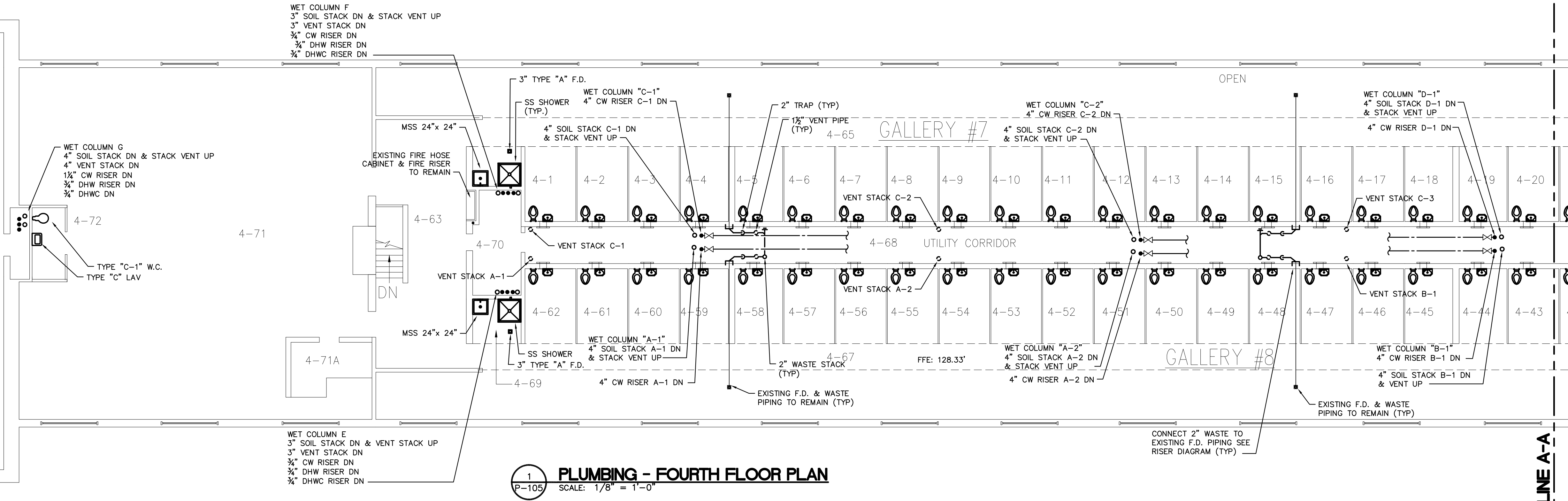
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	11/12/2014	BID DOCUMENTS
PROJECT NUMBER:	44671 - P	
DESIGNED BY:	LGB	
DRAWN BY:	JAS	
FIELD CHECK:		
APPROVED:		

SHEET TITLE:
**PLUMBING-
THIRD FLOOR
PLAN**

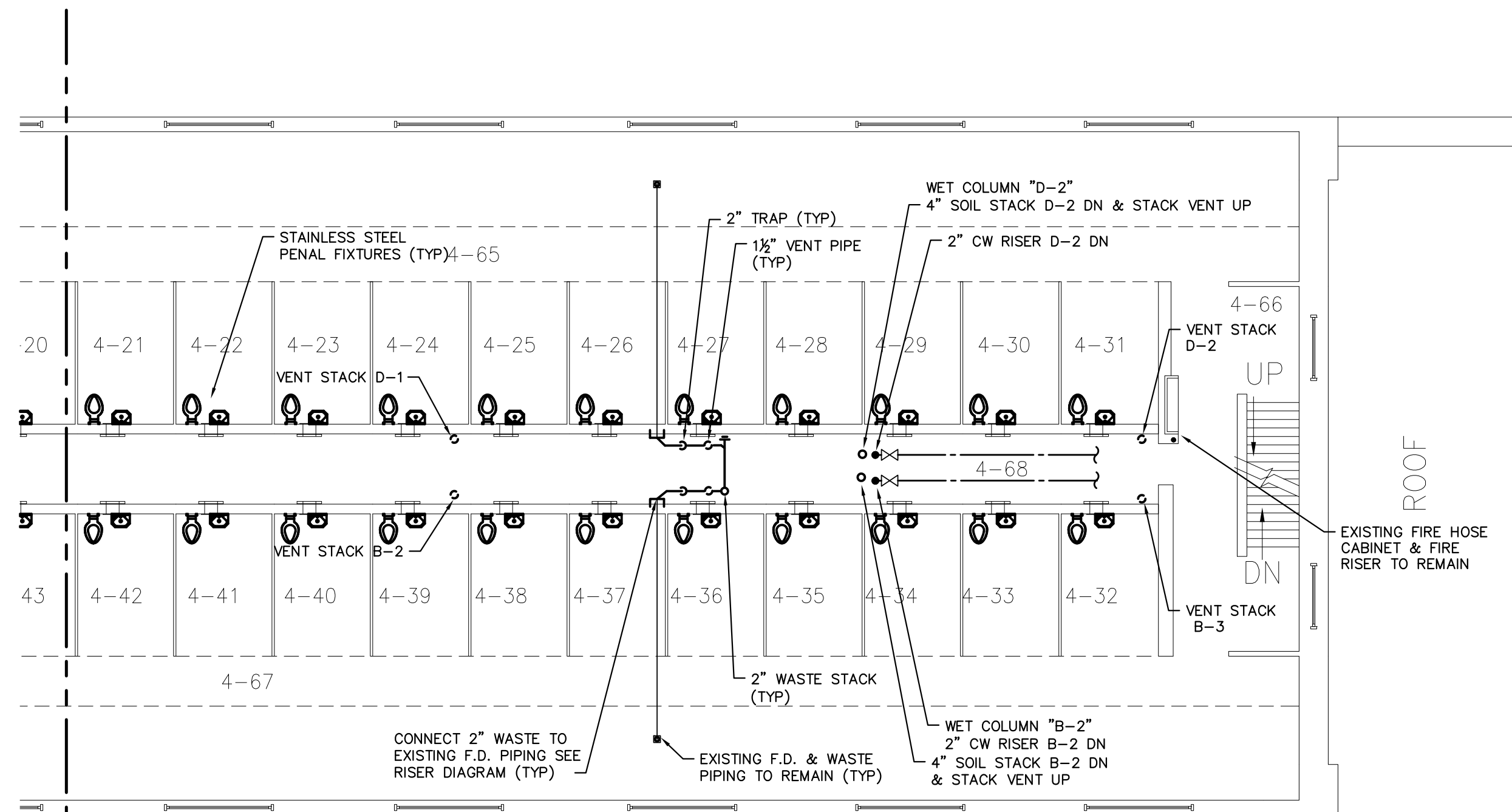
DRAWING NUMBER:
P-104



BUILDING # 21 "D" BLOCK



1 PLUMBING - FOURTH FLOOR PLAN
 P-105 SCALE: 1/8" = 1'-0"



2 PLUMBING - FOURTH FLOOR PLAN CONTINUED
 P-105 SCALE: 1/8" = 1'-0"

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CONTRACT: PLUMBING
TITLE: REPLACE PLUMBING C BLOCK, BUILDING 20
LOCATION: ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET
 ELMIRA, NEW YORK
CLIENT: DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

MARK	DATE	DESCRIPTION
△	5/13/2015	ADDENDA 5
	11/12/2014	BID DOCUMENTS

PROJECT NUMBER: 44671 - P
 DESIGNED BY: LGB
 DRAWN BY: JAS
 FIELD CHECK:
 APPROVED:

PLUMBING - FOURTH FLOOR PLAN

DRAWING NUMBER: P-105



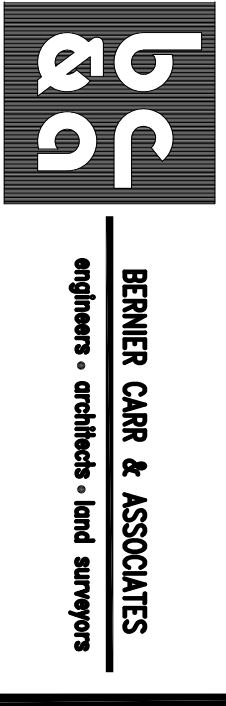
GENERAL NOTE

- A. AT EACH INMATE WATER CLOSET FIXTURE INSTALL A PIN TRAP, A PIN TRAP WASTE PIPE AT EACH WATER CLOSET FIXTURE. THE PIN TRAP CAPS FOREIGN OBJECTS AND CAUSES A LOCAL STOPPAGE THAT IS MORE EASILY ADDRESSED BY THE MAINTENANCE STAFF. SALVAGE EXISTING PIN TRAPS AND REINSTALL AT EACH INMATE WATER CLOSET INSTALLATION.
- B. REFER TO PLAN VIEW DRAWINGS FOR ADDITIONAL INSTALLATION REQUIREMENTS.



ANDREW M. CUOMO
 Robert Dastito
 Commissioner

CONSULTANT

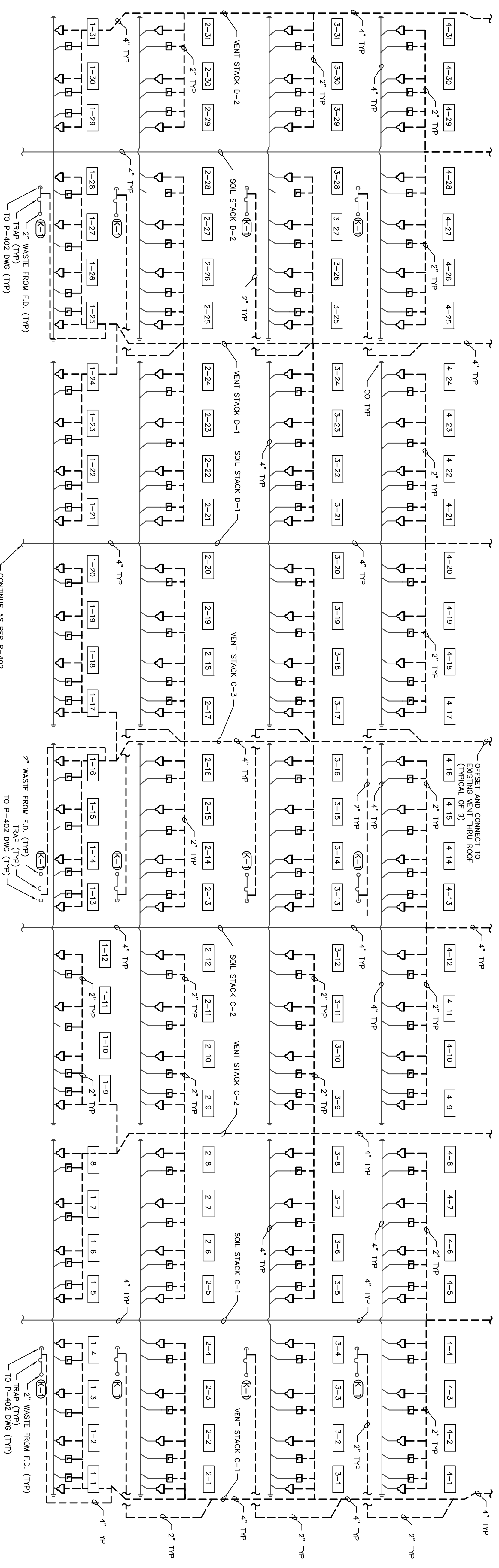


BERNIER CARR & ASSOCIATES
 engineers • architects • land surveyors



RAN
 Engineering, P.C.

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KEYED NOTES

- (K-1) CONNECT 2" WASTE TO EXISTING FD PIPING TO REMAIN. PROVIDE RUNNING TRAP, CLEANOUT & VENT PIPING

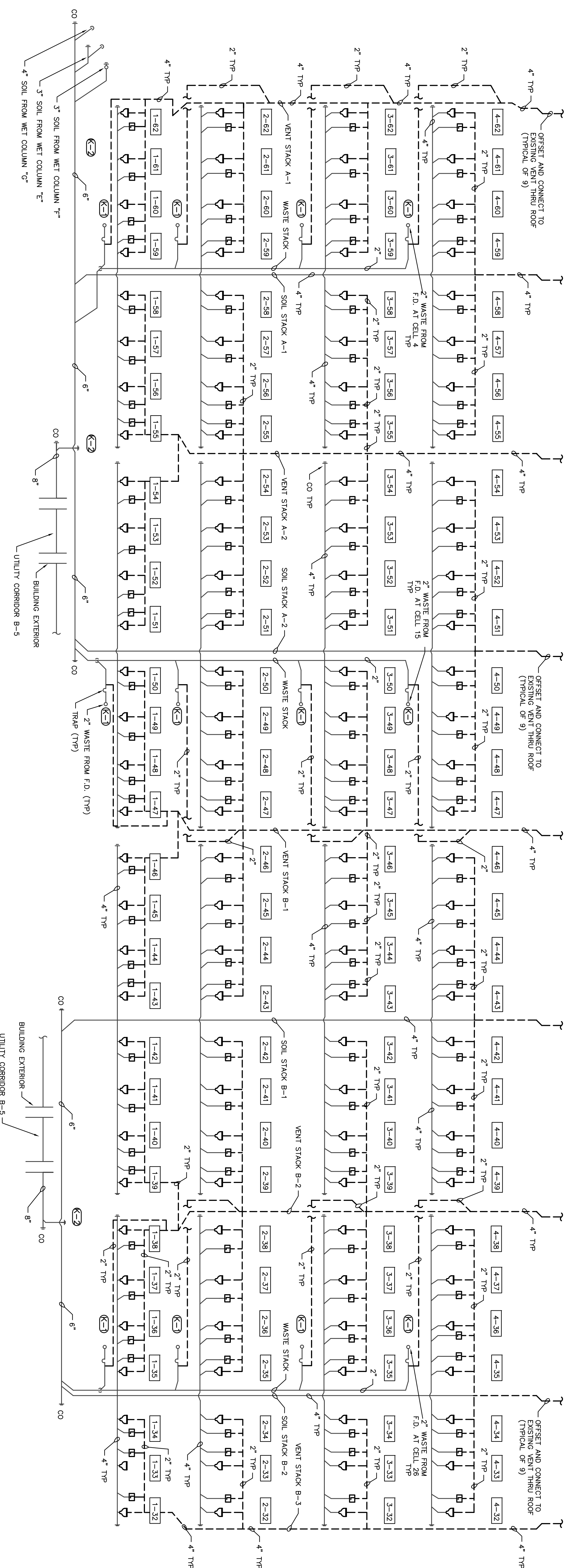
PLUMBING - C-BLOCK RISER PLAN

SCALE: NTS

CONTRACT:	PLUMBING
TITLE:	REPLACE PLUMBING C-BLOCK, BUILDING 20
LOCATION:	ELMIRA CORRECTIONAL FACILITY 1879 DAVIS STREET ELMIRA, NEW YORK
CLIENT:	DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION
PROJECT NUMBER:	44671 - P
DESIGNED BY:	LOG
DRAWN BY:	JMS
FIELD CHECK:	
APPROVED:	
SHEET TITLE:	PLUMBING - WASTE C-BLOCK RISER 1 PLAN
DRAWING NUMBER:	P-401
SHEET:	8 of 14

GENERAL NOTE

- A. AT EACH INMATE WATER CLOSET EXISTING INSTALL A PIN TRAP, A PIN TRAP TRAP AND A PIN TRAP TRAP. THE PIN TRAP TRAP SHALL BE INSTALLED IN THE WASTE PIPE AT EACH WATER CLOSET EXISTING. THE PIN TRAP TRAP SHALL BE INSTALLED BY THE MAINTENANCE STAFF. SALVAGE EXISTING PIN TRAPS AND REINSTALL AT EACH INMATE WATER CLOSET INSTALLATION.
- B. REFER TO PLAN VIEW DRAWINGS FOR ADDITIONAL INSTALLATION REQUIREMENTS.



KEYED NOTES

- (C) CONNECT 2" WASTE TO EXISTING FD PIPING TO REMAIN. PROVIDE RUNNING TRAP, CLEANOUT & VENT FINISH
- (B) REFER TO BASEMENT FLOOR PLAN FOR SOIL AND WASTE PIPING P-101.

PLUMBING - C-BLOCK RISER PLAN

SCALE: NTS

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CONTRACT:
PLUMBING
 REPLACE PLUMBING
 C BLOCK, BUILDING 20

LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET
 ELMIRA, NEW YORK

CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

PROJECT NUMBER:	44671 - P
DESIGNED BY:	LSB
DRAWN BY:	JAS
FIELD CHECK:	
APPROVED:	
SHEET TITLE:	PLUMBING-WASTE C-BLOCK RISER 2 PLAN
DRAWING NUMBER:	P-402

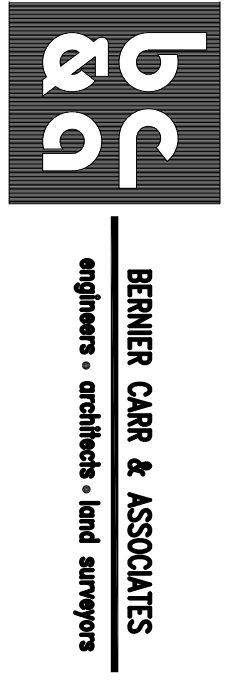
GENERAL NOTE

A. REFER TO PLAN VIEW DRAWINGS FOR ADDITIONAL INSTALLATION REQUIREMENTS.



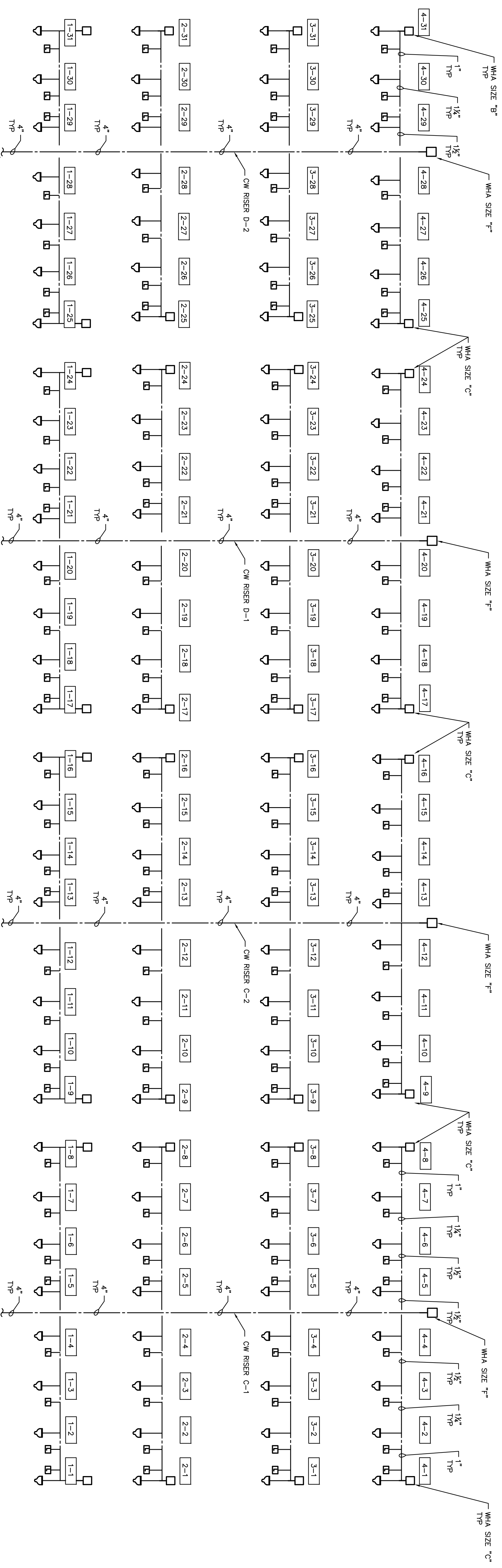
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CONTINUE AS PER P-101 & P-404
 BASEMENT PLAN & RISER DIAGRAM
 (TYP FOR 1)

1 PLUMBING - C-BLOCK RISER PLAN
 SCALE: NTS
 P-403

PROJECT NUMBER:	44671	DESCRIPTION:	P
DESIGNED BY:	LOB		
DRAWN BY:	JAS		
FIELD CHECK:			
APPROVAL:			
SHEET TITLE:	PLUMBING - DOMESTIC C-BLOCK RISER 1 PLAN		
DRAWING NUMBER:	P-403		

CONTRACT:	PLUMBING
TITLE:	REPLACE PLUMBING C BLOCK, BUILDING 20
LOCATION:	ELMIRA CORRECTIONAL FACILITY 1879 DAVIS STREET ELMIRA, NEW YORK
CLIENT:	DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

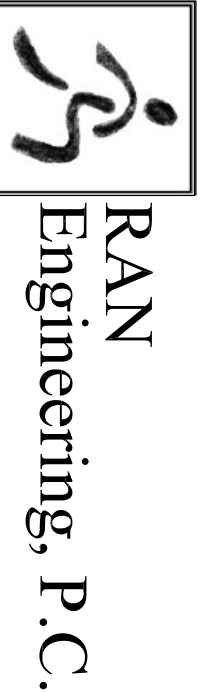
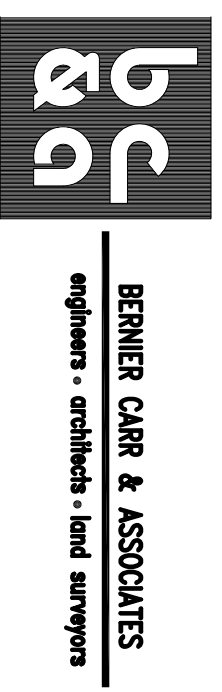
GENERAL NOTE

A. REFER TO PLAN VIEW DRAWINGS FOR ADDITIONAL INSTALLATION REQUIREMENTS.



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PLUMBING

TITLE
 REPLACE PLUMBING
 C BLOCK, BUILDING 20

LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET
 ELMIRA, NEW YORK

CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

MARK	DATE	DESCRIPTION
5	5/13/2015	ADDITION 5
	11/12/2014	BID DOCUMENTS

PROJECT NUMBER: 44671 - P

DESIGNED BY: LGB

DRAWN BY: JJS

FIELD CHECK:

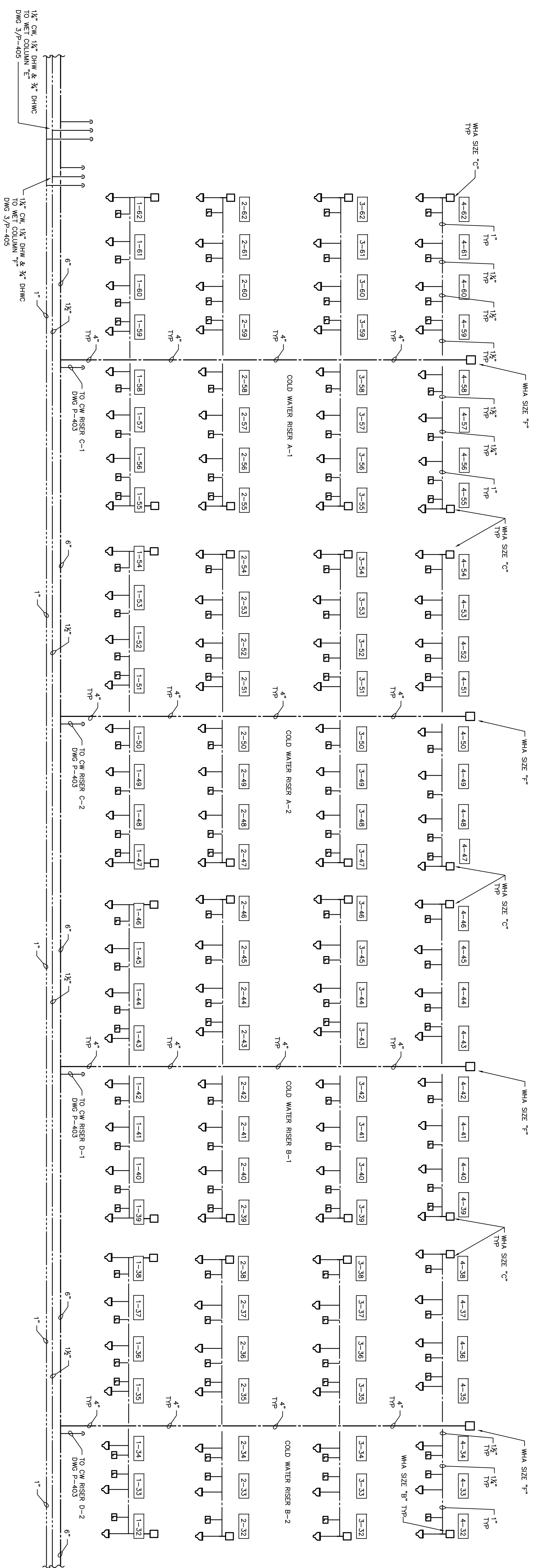
APPROVED:

SHEET TITLE:

**PLUMBING-DOMESTIC
 C-BLOCK RISER 2
 PLAN**

DRAWING NUMBER: P-404

SHEET 11 of 14



PLUMBING - C-BLOCK RISER PLAN

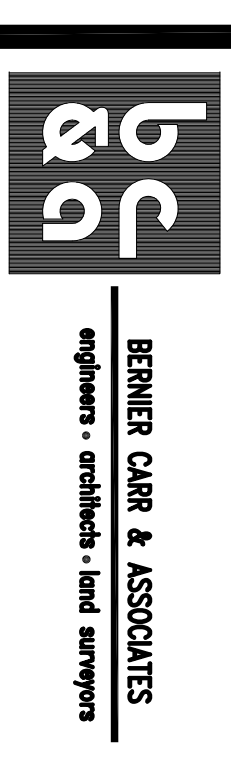
SCALE: NTS





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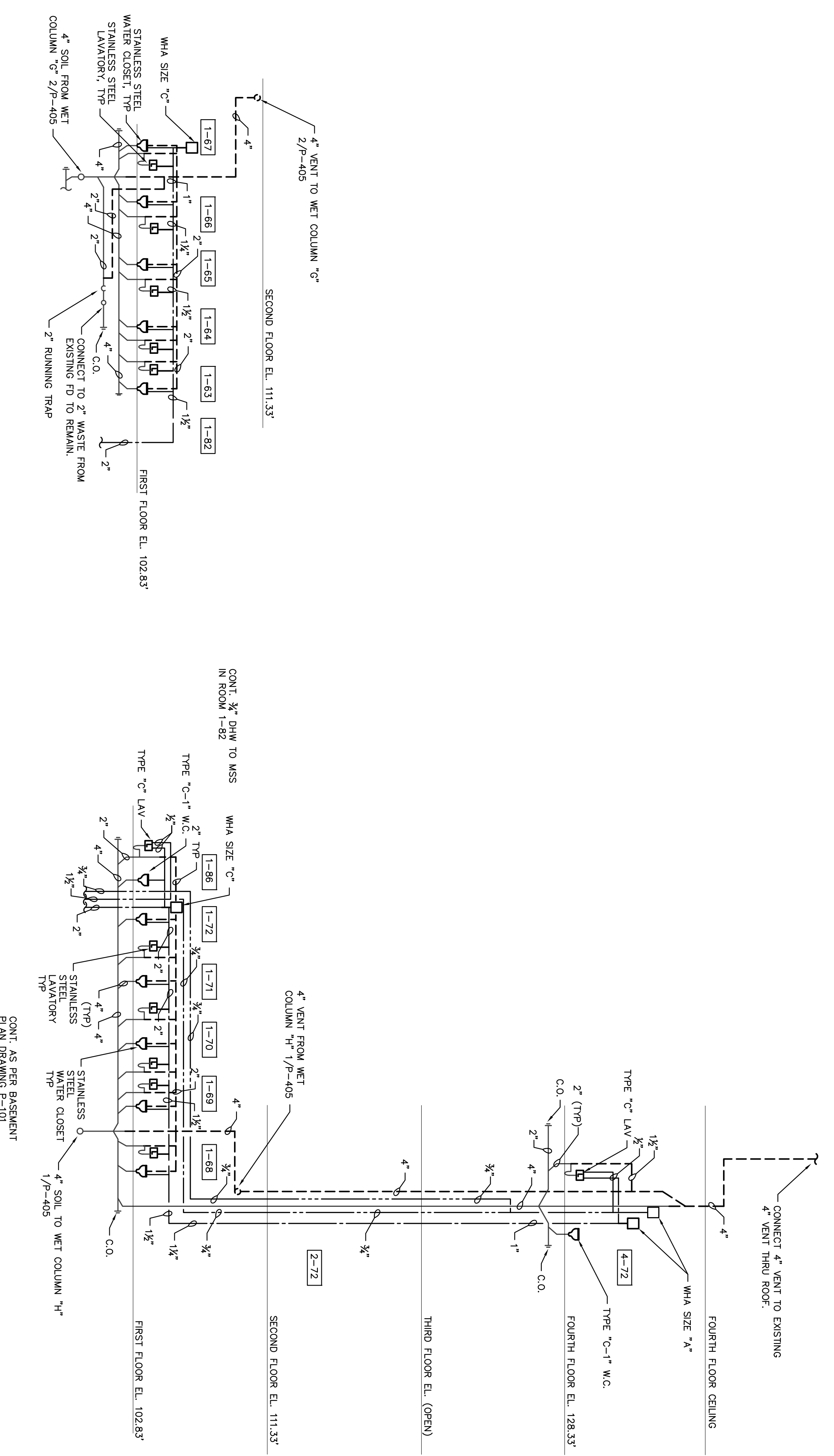
CONTRACT

PLUMBING
 REPLACE PLUMBING
 C BLOCK, BUILDING 20

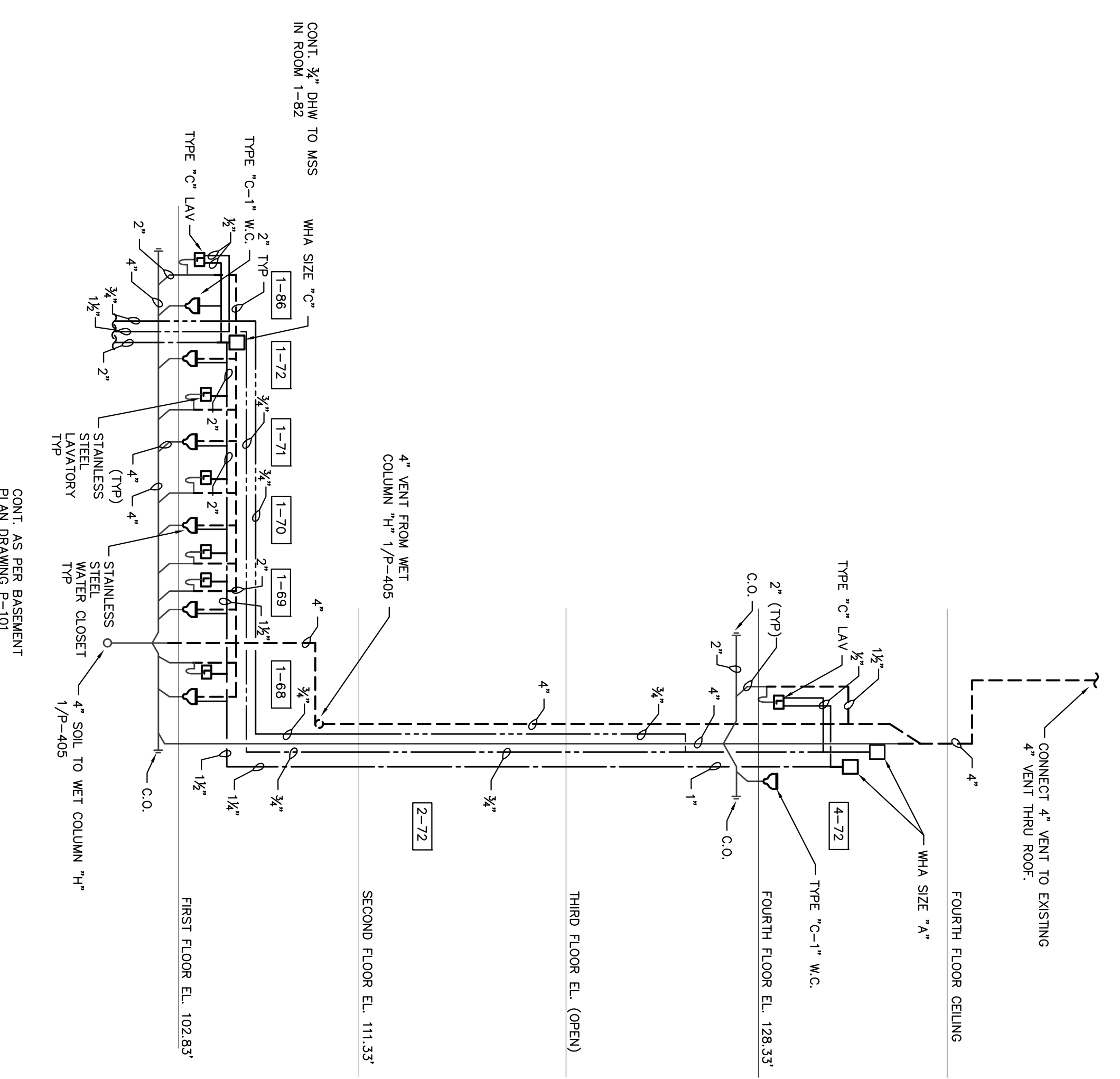
LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET
 ELMIRA, NEW YORK

CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

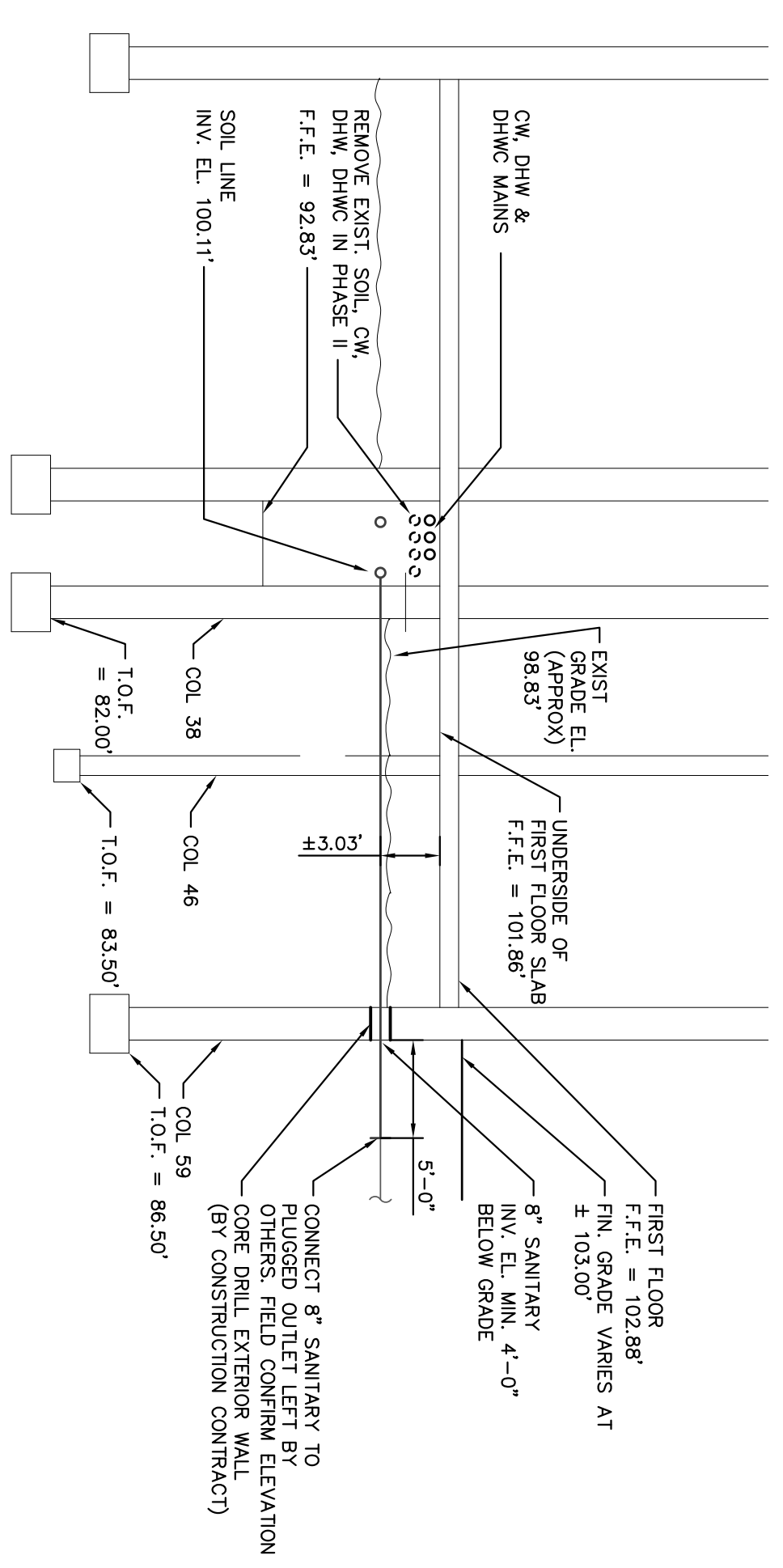
PROJECT NUMBER:	44671 - P
DESIGNED BY:	LSB
DRAWN BY:	JMS
FIELD CHECK:	
APPROVED:	
SHEET TITLE:	PLUMBING WATER & SOIL WASTE DIAGRAM PLANS & ELEVATIONS
DRAWING NUMBER:	P-405
SHEET:	12 of 14



1
 P-405
 SCALE: NTS
PLUMBING - WATER AND SOIL WASTE DIAGRAM H.

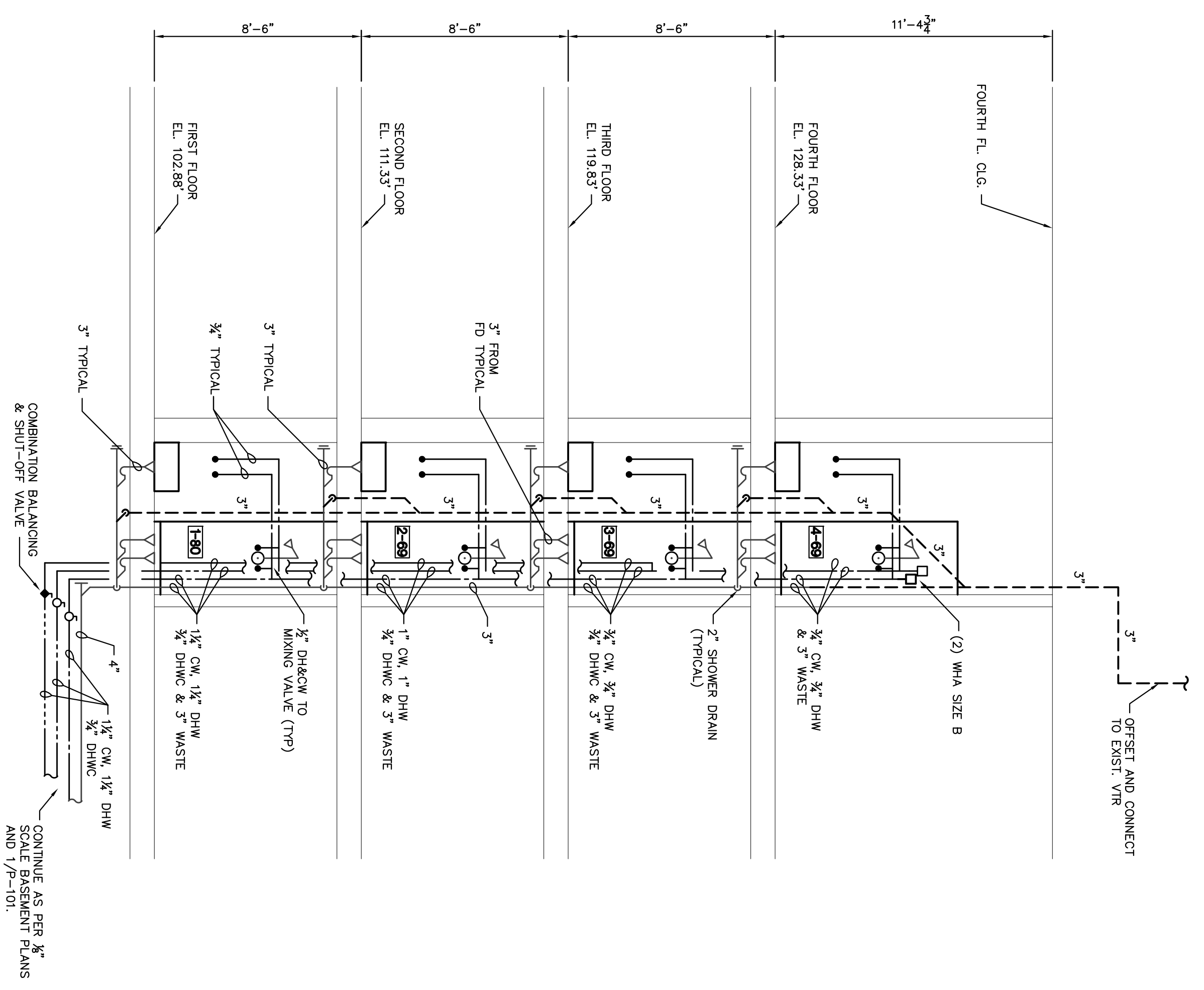


2
 P-405
 SCALE: NTS
PLUMBING - WATER AND SOIL WASTE DIAGRAM G.



4
 P-405
 SCALE: 1/8" = 1'-0"
PLUMBING - ELEVATION B-1 (ELEV. B-2 and B-3 SIM.)

3
 P-405
 SCALE: 1/4" = 1'-0"
PLUMBING - ELEVATION AT WET COLUMN 'E' WET COLUMN IF OPPOSITE HAND



PHASING:

THE SCOPE OF WORK AT ELMIRA CORRECTIONAL FACILITY, BUILDING 20 INCLUDES THE FOLLOWING WHILE MAINTAINING FULL PLUMBING SERVICE TO THE FULL OCCUPIED FACILITY:

1. REMOVE EXISTING PLUMBING MATERIALS AND WASTE WATER AND VENT STACKS
2. REPLACE EXISTING DOMESTIC COLD, HOT AND RECIRCULATION RISERS AND MANS.

THE SCOPE OF WORK WILL BE ACCOMPANIED BY PROVIDING PARALLEL RISERS AND STACKS WITH TEMPORARY PLUGGED SOIL WASTE, VENT, VALVED, AND CAPPED WATER CONNECTIONS, MAIN DOMESTIC COLD, HOT AND RECIRCULATION MANS, AND MAIN SOIL PIPING IN THE BASEMENT UTILITY CORRIDOR EXTENDING OUTSIDE THE BUILDING FOR FINAL CONNECTION.

PHASE 1:
 PROVIDE HORIZONTAL WASTE, DOMESTIC WATER MANS IN THE BASEMENT THAT CONNECT OUTSIDE OF THE BUILDING, WITH THE WASTE, AND DOMESTIC COLD WATER CONNECTING TO EXISTING SANITARY SEWER AND COLD WATER MANS OUTSIDE THE BUILDING. DOMESTIC COLD WATER SHALL BE INSTALLED TO THE MAIN AND COLD WATER SERVICE ENTRANCES. REPAIR AND REPLACE EXISTING SOIL WASTE, VENT, VALVED, AND CAPPED WATER SERVICE ENTRANCES.

PHASE 2:
 PROVIDE WASTE AND VENT STACKS AND DOMESTIC COLD WATER RISERS ADJACENT TO THE EXISTING 199 RISERS IN THE CELL BLOCK AREAS. THESE STACKS AND RISERS ARE DEFINED AS WET COLUMNS A-1 AND A-2, B-1 AND B-2, C-1 AND C-2 AND D-1 AND D-2. ELECTRIC CONTRACTOR TO BEGIN INSTALLATION OF ELECTRONIC FUTURE CONTROL SYSTEM.

PHASE 3:
 BEGINNING AT THE BOTTOM OF WET COLUMNS A-1 AND C-1:

- A. CONSTRUCTION CONTRACT: REPAIRS, REMOVALS AND ABATEMENT OF LEAD CONTAINING MATERIALS, WET COLUMN A-1, CELLS 1-55 TO 1-62, 2-55 TO 2-62.
- B. CONSTRUCTION CONTRACT WORK AS ABOVE, FOR WET COLUMN C-1, CELLS 1-4, TO 1-8, WET COLUMN D-1, CELLS 1-4, TO 1-8, WET COLUMN E, CELLS 1-4, TO 1-8. REMOVE EXISTING WATER CLOSET LAVATORY AND RELATED PIPING, REMOVE AND STORE EXISTING PIN TRAPS, INSTALL FIXTURES TO BRANCH SOIL AND WATER PIPING CONNECTING TO VALVED AND PLUGGED OUTLETS LEFT IN PHASE 1, REINSTALL PIN TRAPS, ELECTRIC CONTRACTOR TO PROVIDE WET COLUMN DRAIN CELLS 2-55 TO 2-62.
- C. CONSTRUCTION CONTRACT WORK AS ABOVE, WET COLUMN DRAIN CELLS 2-55 TO 2-62.
- D. PLUMBING AND ELECTRIC CONTRACT WORK AS ABOVE, WET COLUMN C-1, CELLS 1-1 TO 21.
- E. CONSTRUCTION CONTRACT WORK AS ABOVE, WET COLUMN C-1, CELLS 2-1 TO 2-8, 5 TO 2-82.

PHASE 4:
 CONTINUE CONSTRUCTION ELECTRIC AND PLUMBING CONTRACT WORK AT WET COLUMNS A-2 AND C-2.

PHASE 5:
 CONTINUE CONSTRUCTION ELECTRIC AND PLUMBING CONTRACT WORK AT WET COLUMNS B-1 AND D-1.

PHASE 6:
 CONTINUE CONSTRUCTION ELECTRIC AND PLUMBING CONTRACT WORK FOR WET COLUMNS B-2 AND D-2.

PHASE 7:
 AT WET COLUMNS G AND H:

- A. CONSTRUCTION CONTRACT: REMOVALS, REPAIRS AND ABATEMENT OF LEAD CONTAINING MATERIALS IN CELLS 1-63 TO 4-72, JANITOR'S ROOM 1-62, AND SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 4-72.
- B. PLUMBING CONTRACT: REMOVE EXISTING WATER CLOSETS AND EXISTING LOCAL PIPING IN CELLS 1-63 TO 1-67 REMOVE EXISTING SERVICE SINK IN JANITOR'S ROOM 1-62, REMOVE WATER CLOSETS AND LAVATORY IN SECOND AND FOURTH TIER CORRECTIONAL OFFICERS' TOILET ROOMS 2-72 AND 4-72, REMOVE EXISTING PIPING, PROVIDE WATER CLOSETS AND LAVATORIES IN SECOND AND FOURTH TIER CORRECTIONAL OFFICERS' TOILET ROOMS 2-72 AND 4-74, PROVIDE DOMESTIC WATER COOLERS ADJACENT TO CORRECTIONAL OFFICERS' TOILET ROOMS ON THE SECOND AND FOURTH TIER, CONNECT SOIL STACK AND WATER RISERS TO NEW MANS IN THE BASEMENT UTILITY CORRIDOR.

PHASE 8:
 AT WET COLUMNS G AND H:

- A. CONSTRUCTION CONTRACT: REMOVALS, REPAIRS AND ABATEMENT OF LEAD CONTAINING MATERIALS IN CELLS-68 TO 1-72 AND CORRECTIONAL OFFICERS TOILET ROOM 1-66.
- B. PLUMBING CONTRACT: REMOVE EXISTING WATER CLOSETS AND LAVATORIES, PROVIDE STAINLESS STEEL WATER CLOSETS AND LAVATORIES IN CELLS, AND WATER CLOSET AND LAVATORY IN CORRECTIONAL OFFICERS TOILET ROOM.

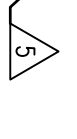
PHASE 9:
 AT WET COLUMN E:

- A. CONSTRUCTION CONTRACT: REMOVALS, REPAIR AND ABATEMENT OF LEAD CONTAINING MATERIALS, TIERS 1 TO 4.
- B. PLUMBING CONTRACT: PROVIDE WASTE STACK, VENT STACK & DOMESTIC HOT, COLD & RECIRCULATING RISERS IN TIER 1 ROOMS 1-8, 2-70, 3-63 & 4-70, REMOVE EXISTING RISERS & STACKS AS PER PHASE 11.
- C. CONSTRUCTION CONTRACT: ENCLOSE WET COLUMN IN PIPE SPACE FLOORS 1 THROUGH 4.

PHASE 10:
 AT WET COLUMN F:

- A. CONSTRUCTION CONTRACT: AS PER PHASE 9 ABOVE.
- B. PLUMBING CONTRACT: AS PER PHASE 9 ABOVE.
- C. PLUMBING CONTRACT: ADJACENT TO WET COLUMN F.

PHASE 11:
 PLUMBING CONTRACT: REMOVAL OF ALL NON-ESSENTIAL WATER, WASTE, SOIL, AND VENT PIPING, ABANDON EXISTING BELOW GRADE SOIL & FAN PIPING WHERE INDICATED ON DRAWINGS.



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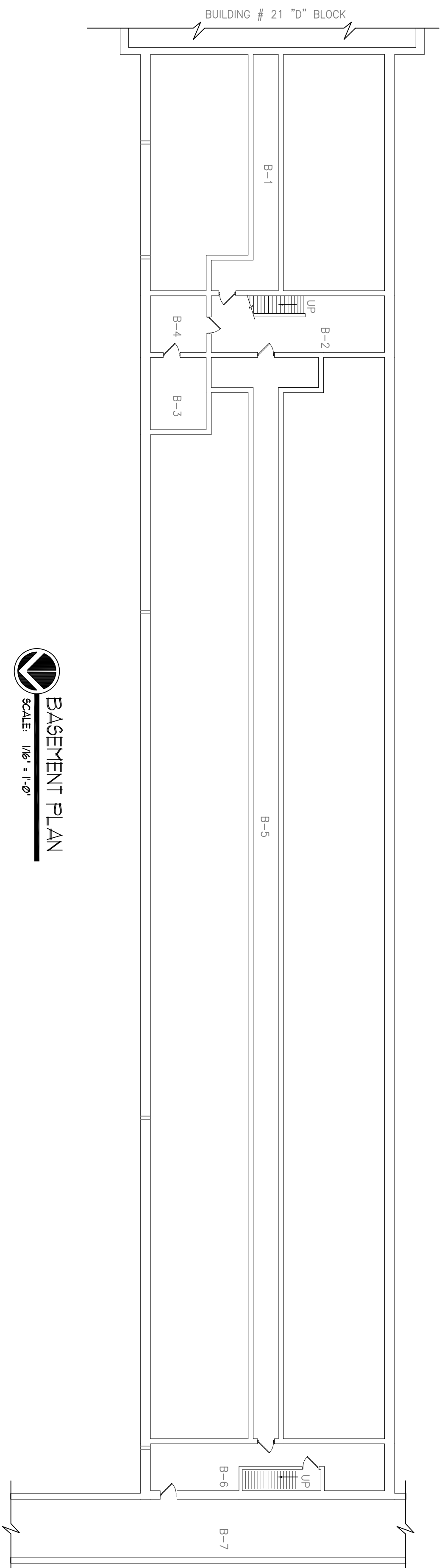
CONTRACT: CONSTRUCTION
 TITLE: REPLACE PLUMBING C BLOCK, BUILDING 20
 LOCATION: ELMIRA CORRECTIONAL FACILITY 1879 DAVIS STREET, BOX 500 ELMIRA, NEW YORK
 CLIENT: DEPARTMENT OF CORRECTIONS AND COMMUNITY SUPERVISION

MARK	DATE	DESCRIPTION
5	05/13/2015	ADDENDUM
	11/12/2014	BID DOCUMENT

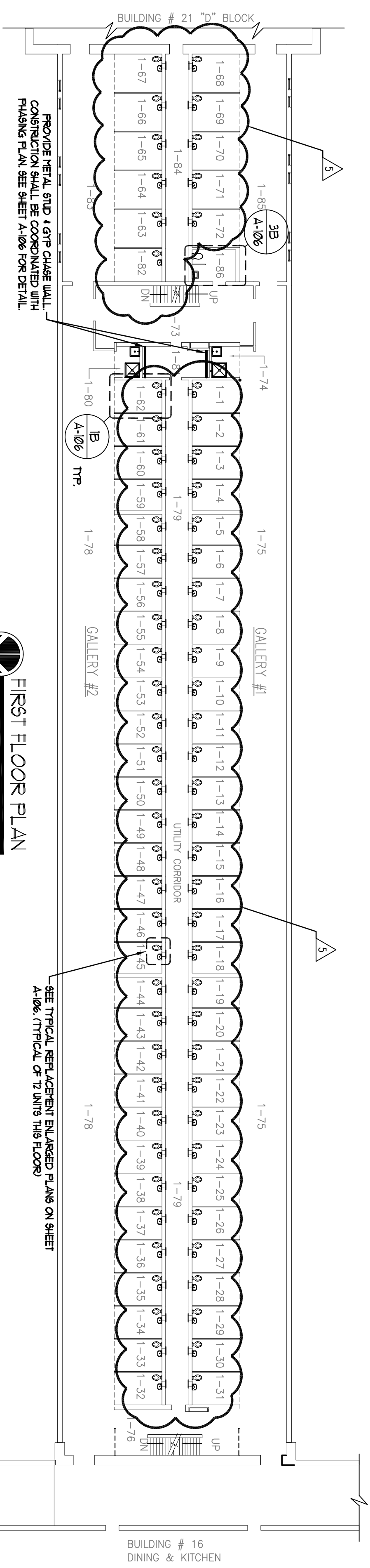
PROJECT NUMBER:	44671 - C
DESIGNED BY:	TCO
DRAWN BY:	JLF
FIELD CHECK:	TCO
APPROVED:	TCO

SHEET TITLE: PHASING SCHEDULE

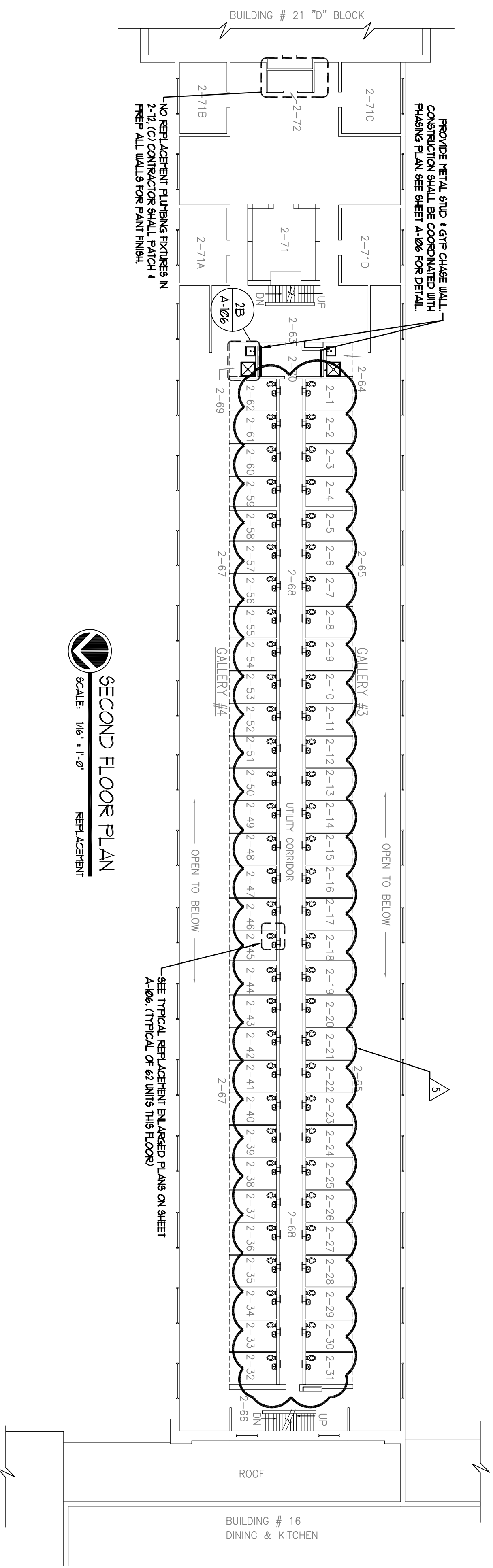
DRAWING NUMBER: A-001
 SHEET 5 of 29



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



FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0" REPLACEMENT



SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0" REPLACEMENT

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CONSTRUCTION

TITLE:
 REPLACE PLUMBING
 C BLOCK, BUILDING 20

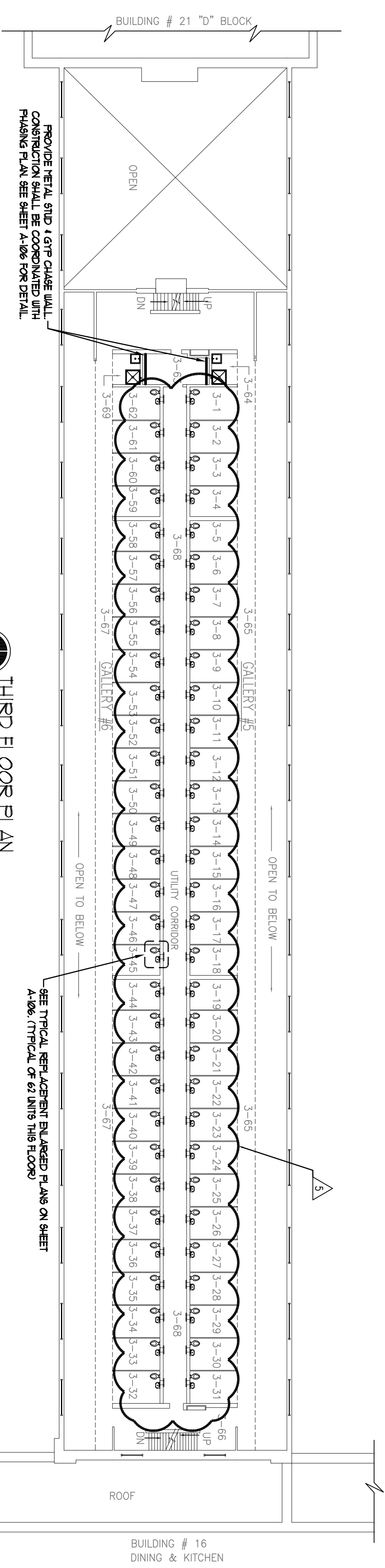
LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET, BOX 500
 ELMIRA, NEW YORK

CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

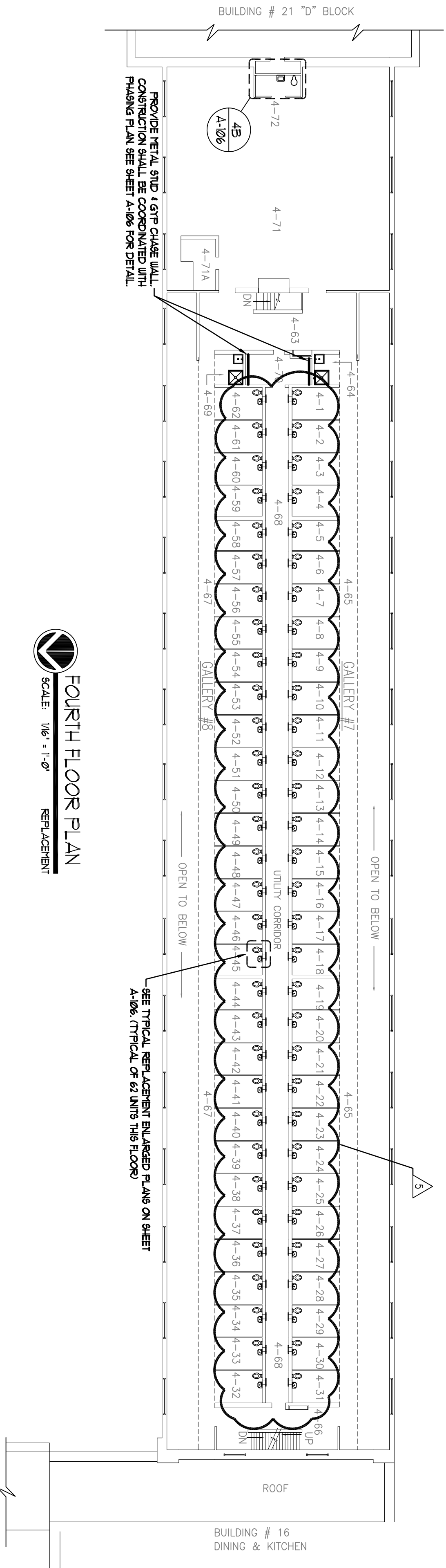
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5	05/13/2015	ADDENDUM
	11/12/2014	BID DOCUMENT

PROJECT NUMBER: 44671-C
DESIGNED BY: TCO
DRAWN BY: JLF
FIELD CHECK: TCO
APPROVED: TCO

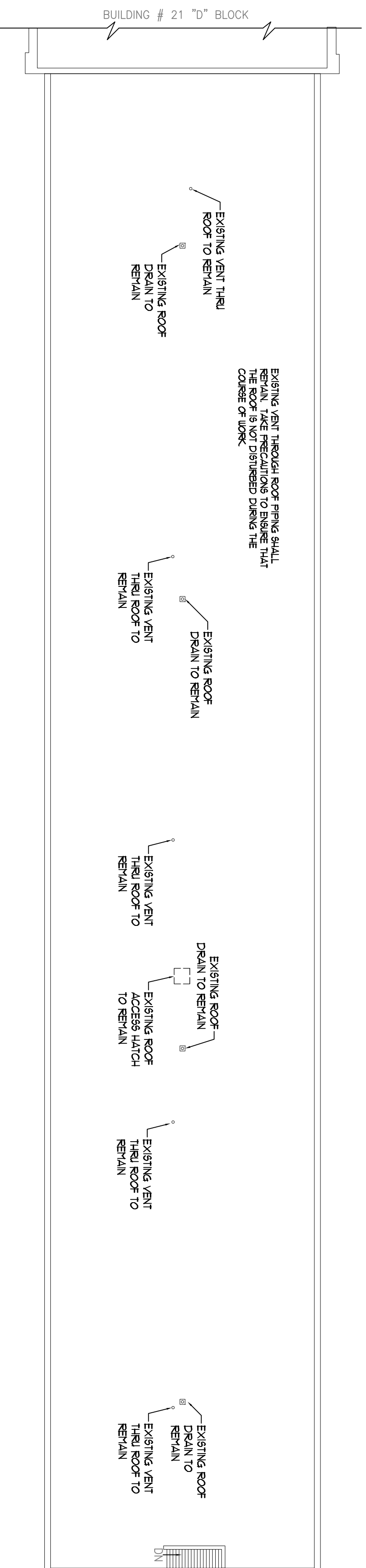
SHEET TITLE:
 BASEMENT, FIRST
 FLOOR AND SECOND
 FLOOR REPLACEMENT
 PLAN



THIRD FLOOR PLAN
SCALE: 1/8" = 1'-0" REFLECTOR



FOURTH FLOOR PLAN
SCALE: 1/8" = 1'-0" REFLECTOR



ATTIC PLAN
SCALE: 1/8" = 1'-0" REFLECTOR

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CONSTRUCTION

TITLE:
REPLACE PLUMBING
C BLOCK, BUILDING 20

LOCATION:
ELMIRA CORRECTIONAL FACILITY
1879 DAVIS STREET, BOX 500
ELMIRA, NEW YORK

CLIENT:
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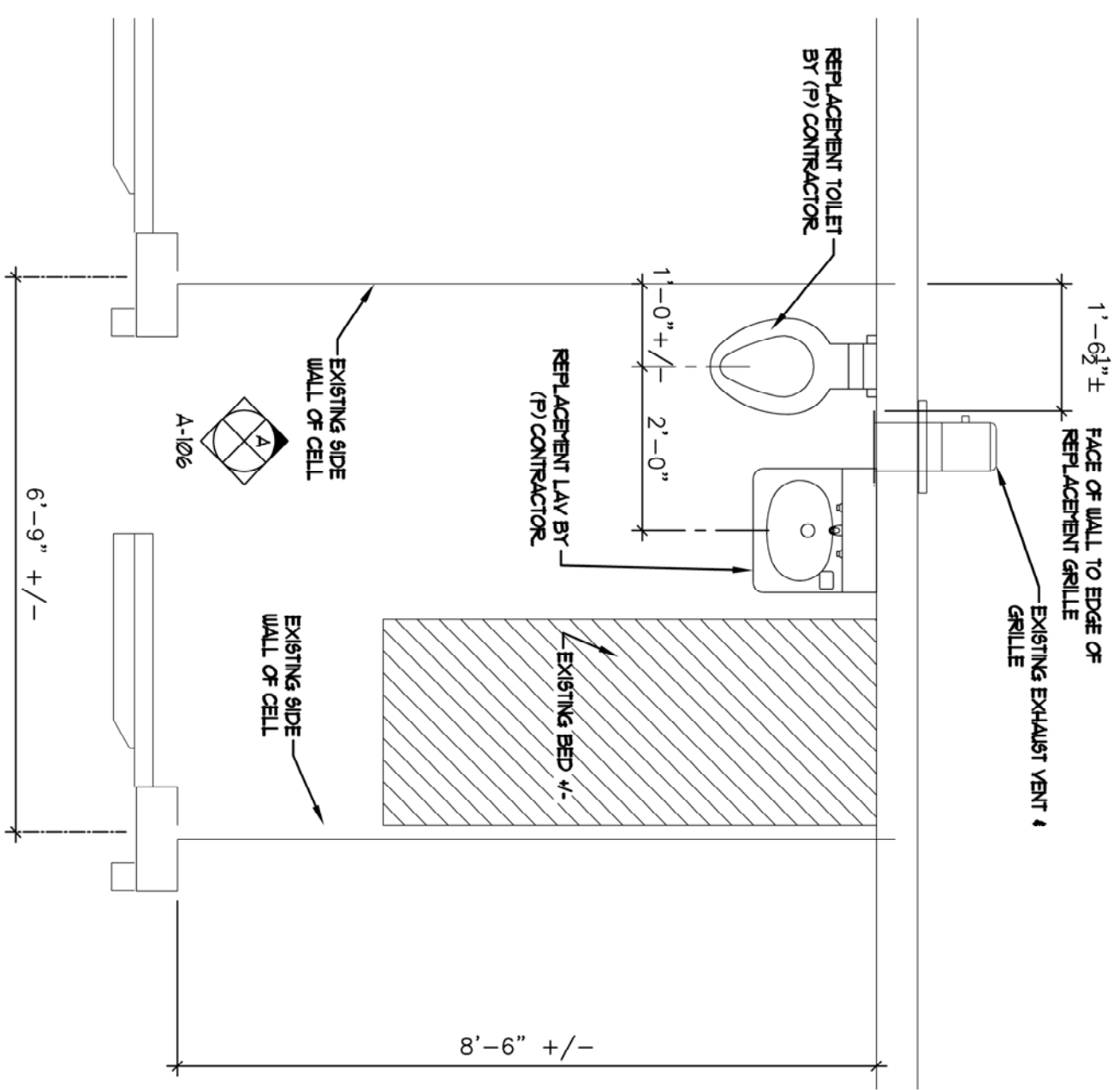
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	11/12/2014	BID DOCUMENT

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DESIGNED BY:	TCO
DRAWN BY:	JLF
FIELD CHECK:	TCO
APPROVED:	TCO

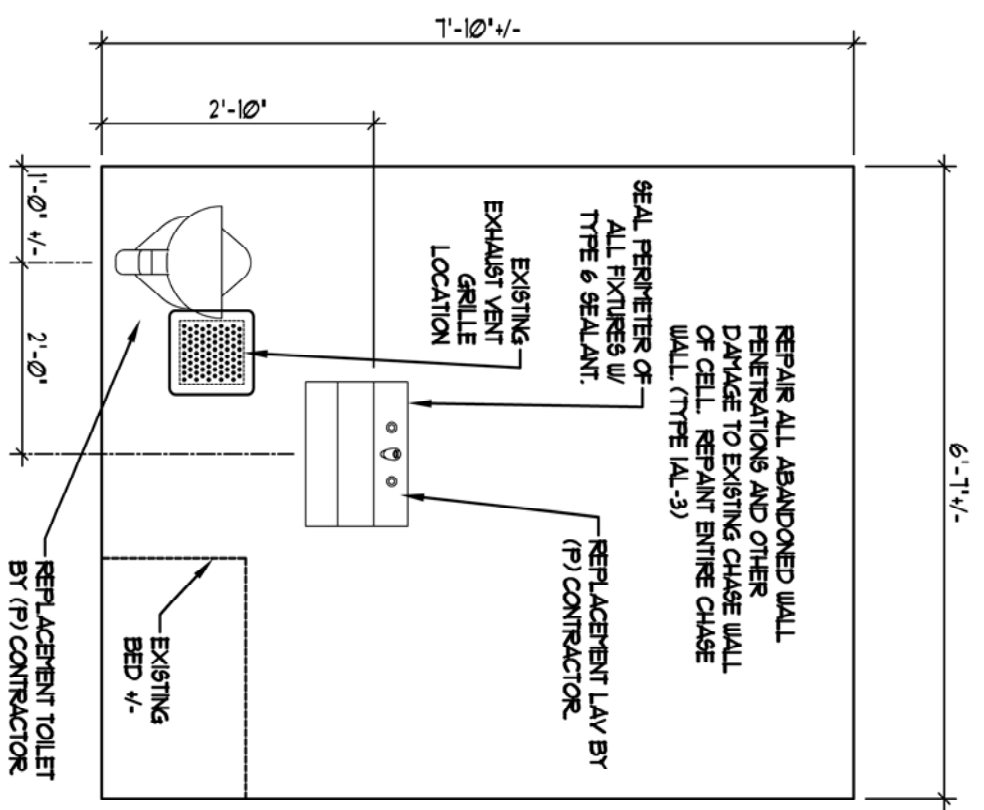
THIRD FLOOR, FOURTH FLOOR REPLACEMENT AND ATTIC PLAN

DRAWING NUMBER:
A-104

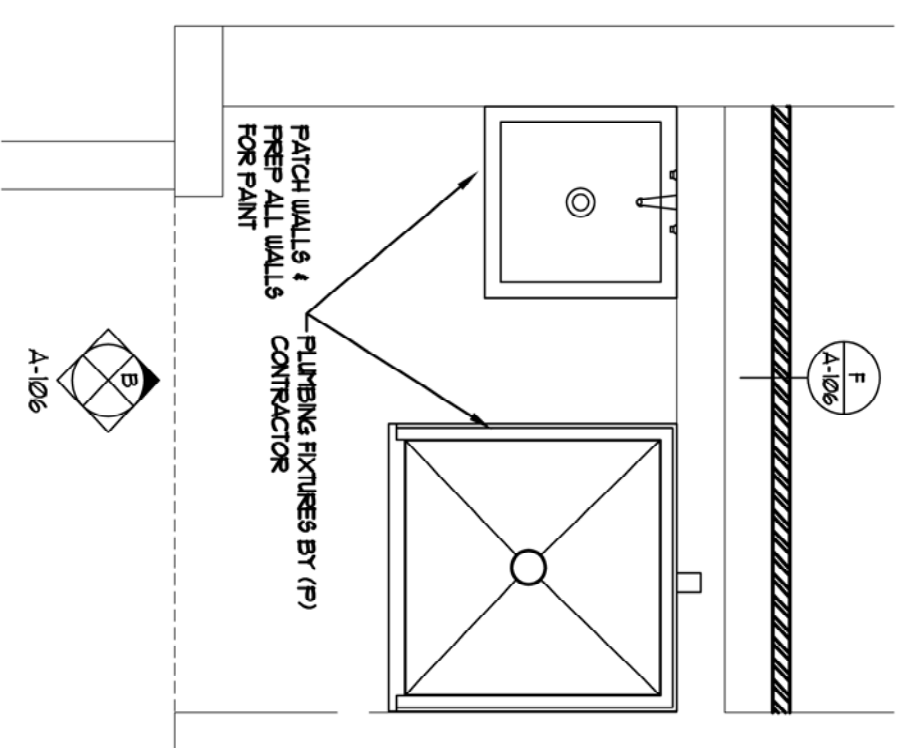
SHEET 9 OF 29



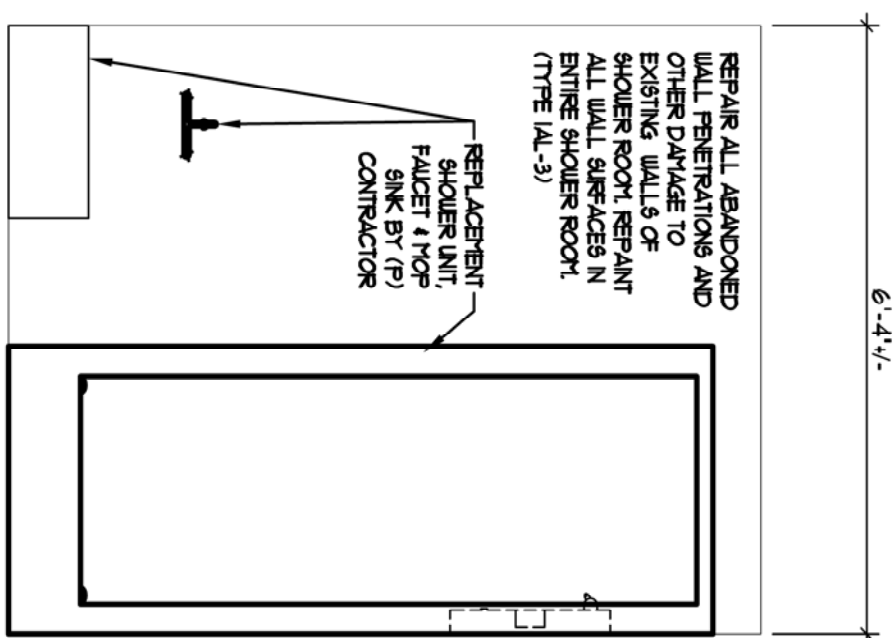
TYPICAL CELL REPLACEMENT A
 SCALE: 1/2" = 1'-0"



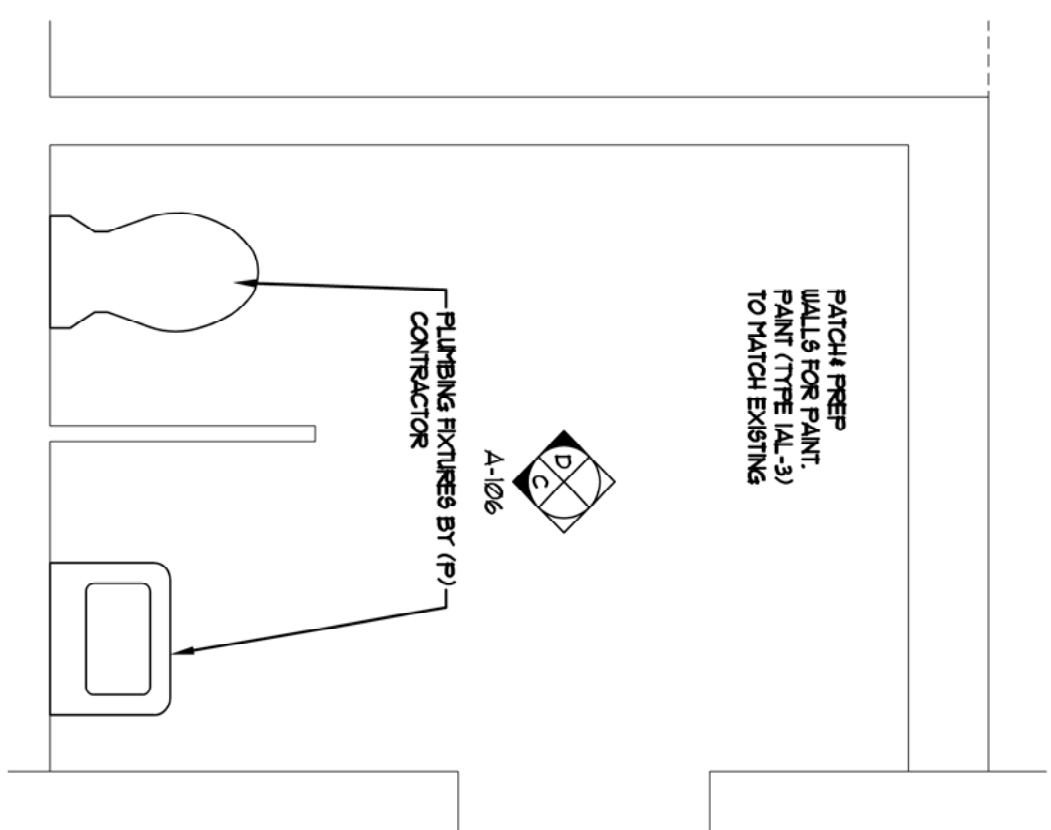
TYPICAL CELL REPLACEMENT B
 SCALE: 1/2" = 1'-0"



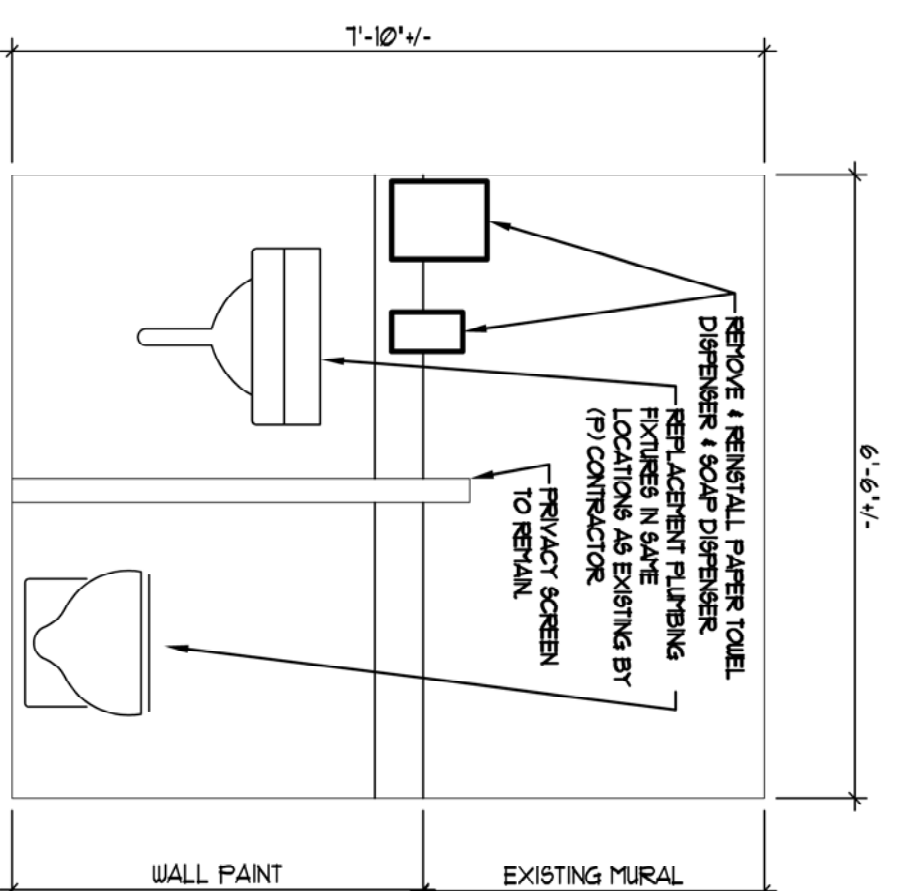
TYPICAL INMATE SHOWER A
 SCALE: 1/2" = 1'-0"



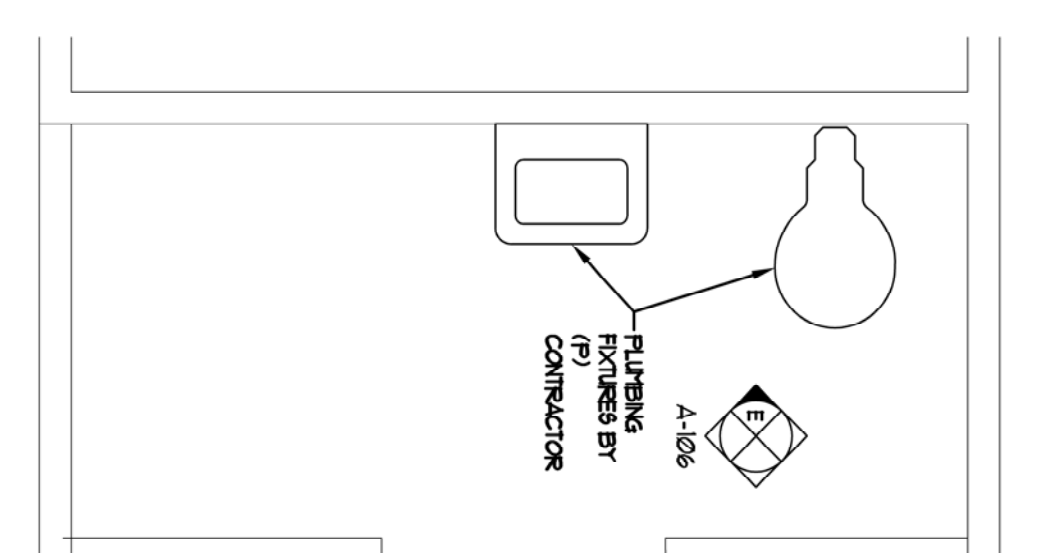
TYPICAL INMATE SHOWER B
 SCALE: 1/2" = 1'-0"



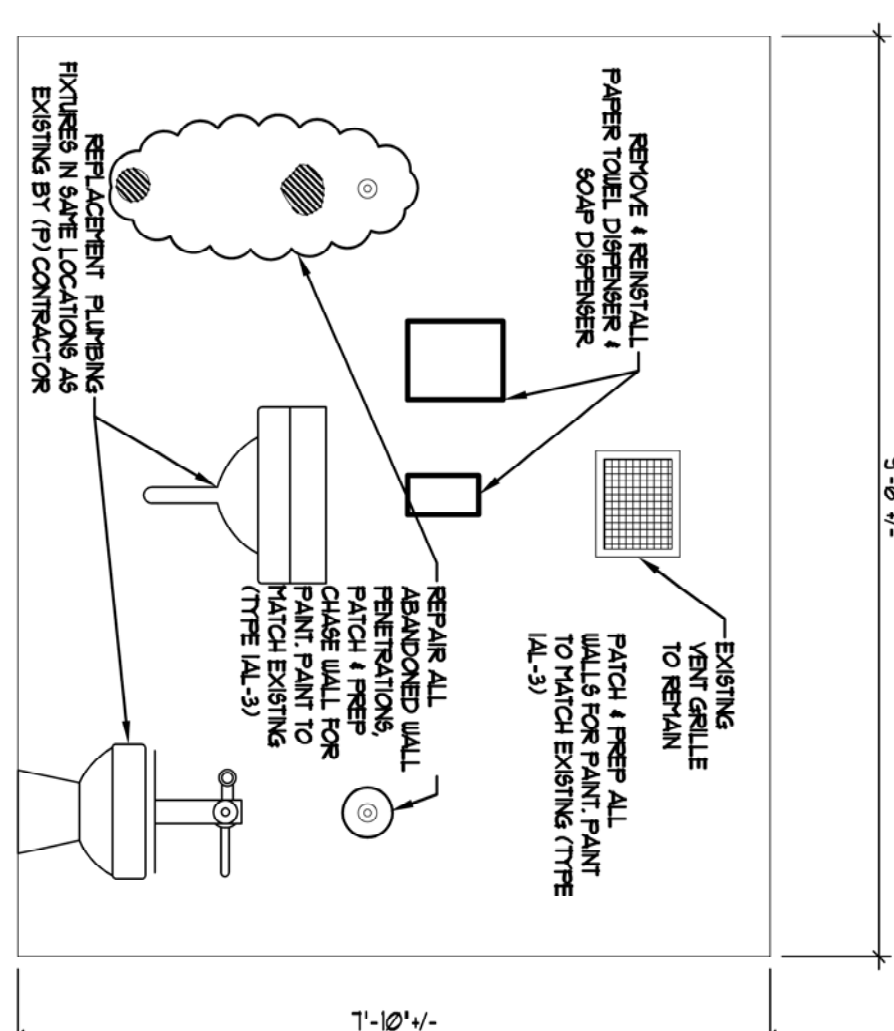
1ST FLOOR OFFICERS' TOILET A
 SCALE: 1/2" = 1'-0"



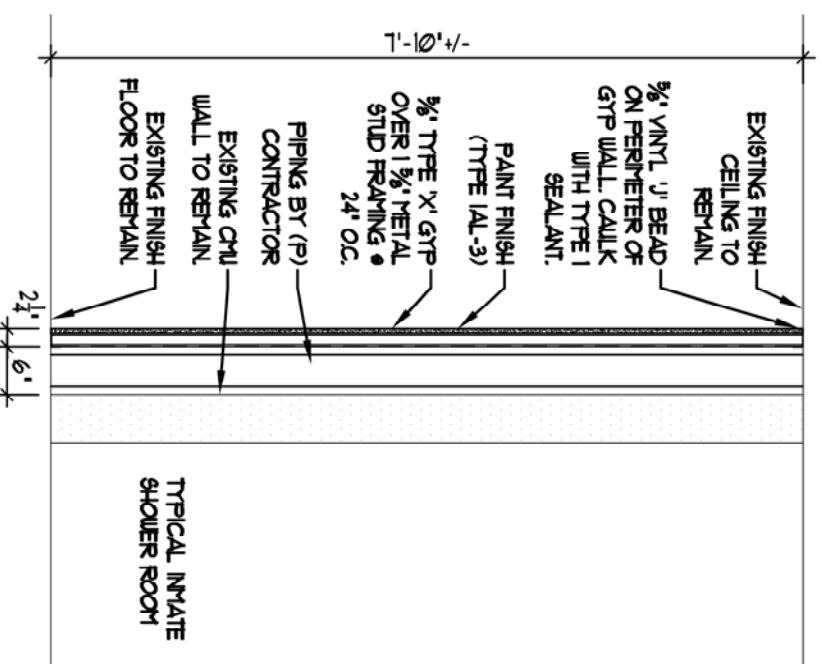
OFFICERS' TOILET B
 SCALE: 1/2" = 1'-0"



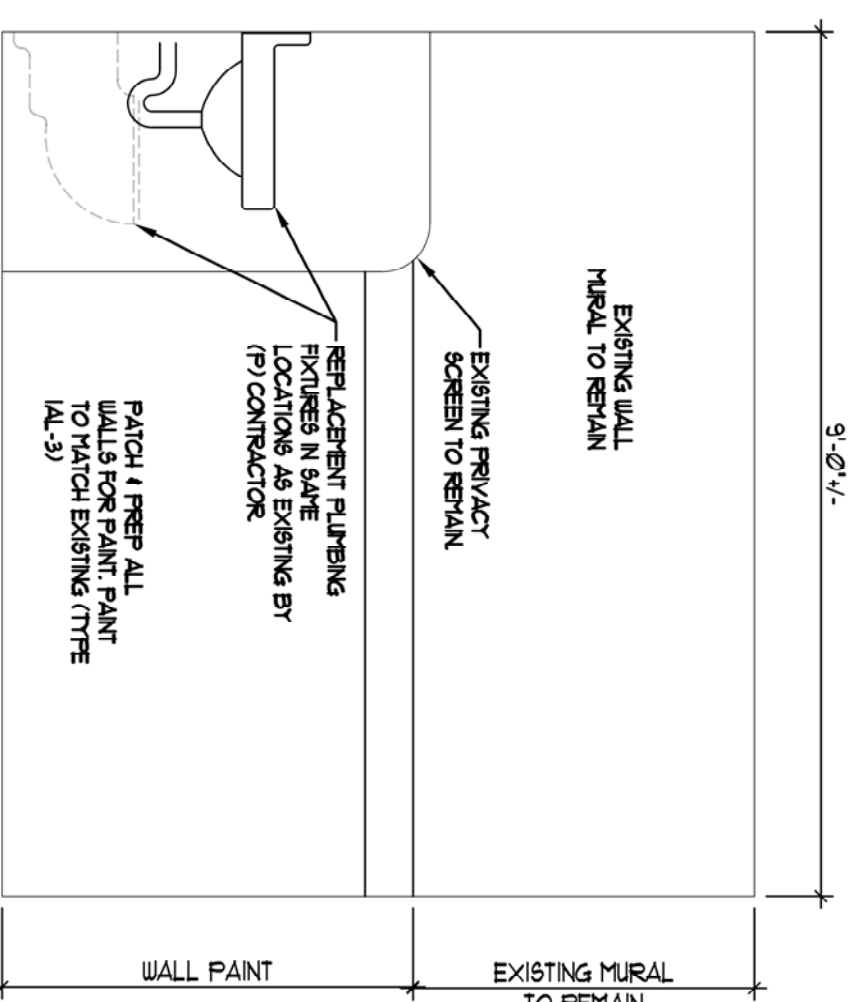
4TH FLOOR OFFICERS' TOILET A
 SCALE: 1/2" = 1'-0"



OFFICERS' TOILET C
 SCALE: 1/2" = 1'-0"



PLUMBING CHASE WALL DETAIL
 SCALE: 1/2" = 1'-0"



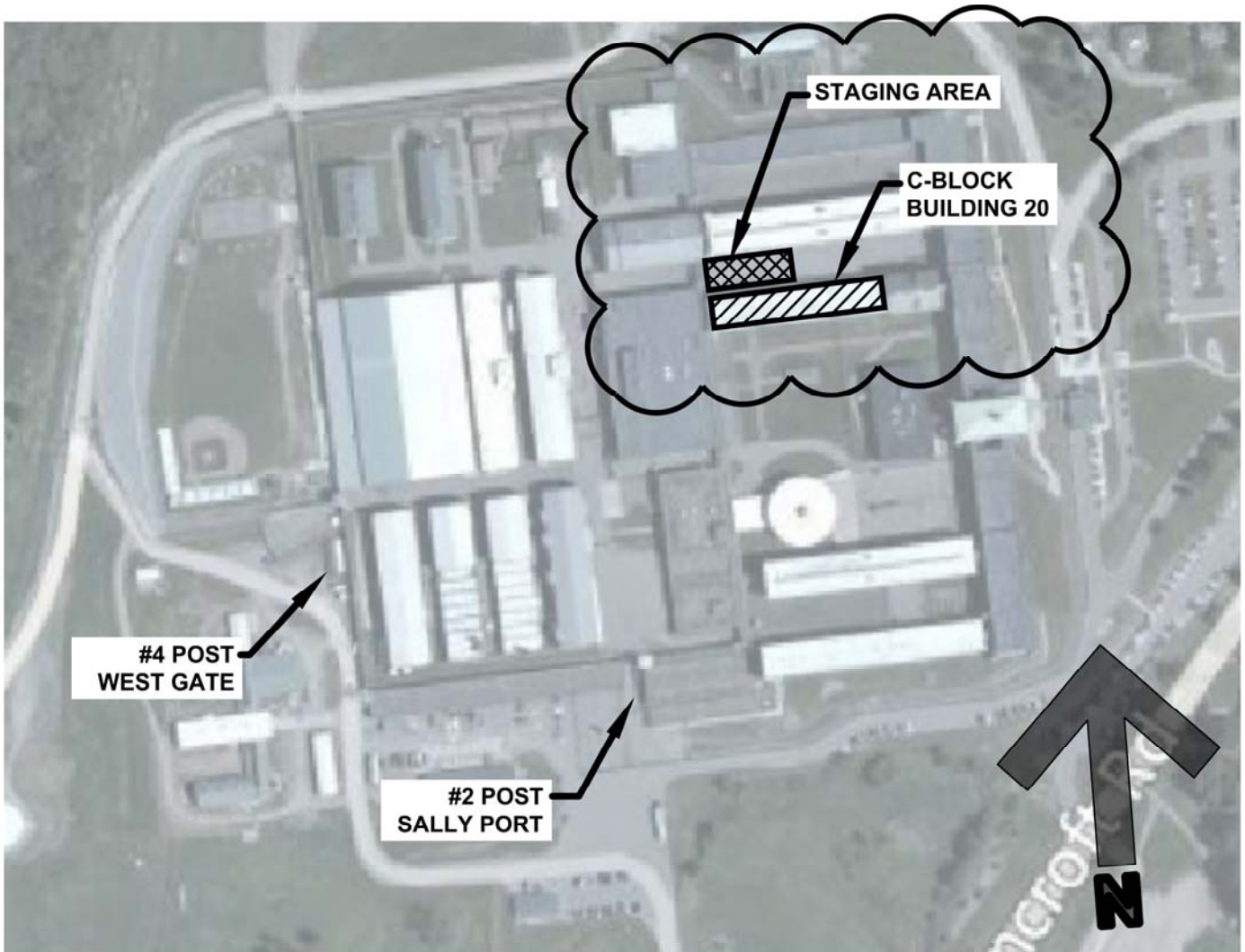
OFFICERS' TOILET D
 SCALE: 1/2" = 1'-0"

5	05/13/2015	REVISION
	11/12/2014	BID DOCUMENT
MARK	DATE	DESCRIPTION
PROJECT NUMBER	44671	-C
DESIGNED BY:	TOO	
DRAWN BY:	JLF	
FIELD CHECK:	TOO	
APPROVED:	TOO	
SHEET TITLE:	ENLARGED REPLACEMENT PLANS	
DRAWING NUMBER:	A-106	
SHEET	11	OF 29

CONSTRUCTION
 REPLACE PLUMBING
 C BLOCK, BUILDING 20
 LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET, BOX 500
 ELMIRA, NEW YORK
 CLIENT:
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CONTRACT:	CONSTRUCTION
PROJ. NO:	44671
DATE:	05/13/15
DRAWN:	TJR
APPROVED:	TCO

REFERENCE DRAWING: G-001

SHEET TITLE: REVISED KEY PLAN

PROJECT: REPLACE PLUMBING C BLOCK, BUILDING 20
ELMIRA CORRECTIONAL FACILITY

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

DWG NO:
SK-01

GENERAL NOTES

1. PROVIDE ELECTRICAL CONNECTION FOR NEW FIXTURE OR ITEM OF EQUIPMENT REQUIRING SAME WHICH IS SHOWN ON CONTRACT DRAWINGS OR NOTED IN TECHNICAL SPECIFICATION.
2. INSTALL EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS & CONDITIONS FOR WARRANTY & GUARANTEE. PROVIDE ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION REFER FOR CONTINUOUS USE.
3. COMPLY WITH LOCAL & APPLICABLE CODES. IN THE EVENT OF A CONFLICT THE MOST STRINGENT SHALL GOVERN. SHOULD A CONFLICT OCCUR WITH LOCAL & APPLICABLE CODES, WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE ENVIRONMENTAL CODE AUTHORITIES.
4. COORDINATE ELECTRICAL CHARACTERISTICS & CIRCUIT PROTECTION REQUIREMENTS OF EQUIPMENT SUPPLIER, REGARDS OF TRADE. PROVIDE NECESSARY REVISIONS TO FEEDERS &/OR CIRCUIT PROTECTION TO MEET ACTUAL MANUFACTURER WAVEFORM DATA.
5. GROUNDING: PROVIDE GROUNDING & BONDING IN ACCORDANCE WITH NEC ARTICLE 250. CONDUCTORS SHALL BE COPPER, FEEDERS, BRANCH CIRCUITS, AND SERVICE ENTRANCES SHALL BE ALUMINUM OR COPPER ALUMINUM CLAD. ELECTRICAL CONDUCTIVE MATERIALS ASSOCIATED WITH THE PROJECT SHALL BE CONNECTED TOGETHER IN A MANNER THAT CREATES A PERMANENT, LOW IMPEDANCE PATH FOR GROUND FAULT CURRENT.
6. EQUIPMENT OR MATERIALS PROVIDED SHALL BE NEW & BE A PRODUCT OF THE SAME MANUFACTURER, UNLESS NOTED OTHERWISE.
7. BRANCH CIRCUITS REQUIRING A NEUTRAL SHALL HAVE SEPARATE DEDICATED FULL SIZE NEUTRAL CONDUCTORS.
8. BEGINNING SERVICE FEEDERS & BRANCH CIRCUITS SHALL BE INSTALLED THROUGH UNOCCUPIED AREAS & SERVICE AREAS SHALL BE MAINTAINED RESPONSIBLE FOR LOCATING AND PROVIDING THESE FEEDERS & BRANCH CIRCUITS IF DISTURBED. NEW SHALL BE REPAIRED & BROUGHT BACK ON-LINE PROMPTLY & AT THE CONTRACTORS EXPENSE.
9. COORDINATE ARRANGEMENT, MOUNTING & SUPPORT OF ELECTRICAL CONDUIT TO ALLOW MAXIMUM POSSIBLE HEADROOM.
10. PERFORM WORK & PROVIDE MATERIALS & EQUIPMENT AS SHOWN ON DRAWINGS. COORDINATE ELECTRICAL WORK WITH WORK OF OTHER TRADES. PROVIDE NECESSARY PERMITS & LICENSES, FEES & BACK CHARGES, & OBTAIN NECESSARY APPROVALS FROM AUTHORITIES THAT HAVE JURISDICTION.
11. SERVICE WORK AS REQUIRED BY CODES, REGULATIONS & LAWS OF LOCAL, STATE & FEDERAL GOVERNMENTS & OTHER AUTHORITIES WITH LOCAL JURISDICTION. MATERIAL & LABOR SHALL BE U.L. NEKA, ANSI, IEEE, ADA, & APPROVED FOR INTENDED SERVICES.
12. MAINTAIN RECORD DRAWINGS ON SITE. RECORD SET MUST BE COMPLETE & CURRENT & AVAILABLE FOR INSPECTION WHEN REQUIREMENTS FOR PAYMENT ARE SUBMITTED. GUARANTEE WORK IN WRITING FOR ONE YEAR FROM DATE OF FINAL ACCEPTANCE.
13. SHOP DRAWINGS & SUBMITTALS SHALL BE PROVIDED FOR EQUIPMENT SIGN ON, THE DRAWINGS, SEPARATION FROM CONTRACT DOCUMENTS, OR PROPOSED SUBSTITUTION OF MATERIALS OR EQUIPMENT FOR THOSE SPECIFIED, SHALL BE REQUESTED IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS WHETHER DEVIATIONS ARE DUE TO FIELD CONDITIONS, STANDARD SHOP PRACTICE, OR OTHER CAUSE.
14. WIRING SHALL BE RUN CONCEALED UNLESS SPECIFIED OTHERWISE.
15. RACKINGS SHALL BE RUN CONCEALED UNLESS SPECIFIED OTHERWISE.
16. EQUIPMENT SHALL BE INSTALLED IN A NEAT & WORKMANLIKE MANNER, RECLINAR TO BUILDING STRUCTURE.
17. RACKINGS RUNNING THROUGH BUILDING EXPANSION JOINTS SHALL BE EQUIPPED WITH EXPANSION FITTINGS.
18. MAXIMUM BRANCH CIRCUIT WIRING SHALL BE NO. 12 AWG SOLID COPPER, BRANCH CIRCUITS LONGER THAN 75 FEET FOR 120V CIRCUITS SHALL BE AT LEAST #10 FROM PANEL TO LAST OUTLET.
19. CUT & PATCH BUILDING STRUCTURE, PROVIDE U.L. LISTED FIRE STOP METHODS FOR PENETRATIONS OF PRE-CAST BUILDING COMPONENTS OR BARBERS PER CONTRACT SPECIFICATIONS. WATERPROOF EXTERIOR OUTDOOR PENETRATIONS. THIS WORK SHALL BE SUBJECT TO INSPECTION & APPROVAL.
20. FIELD VERIFY EXISTING CONDITIONS & DIMENSIONS PRIOR TO COMMENCEMENT OF ANY WORK OR SHOP FABRICATION. REQUIRED CHANGES SHALL BE NOTED BY THE EXAMINER IN WRITING, OTHER TRADES & DIRECTORS REPRESENTATIVE AS REQUIRED PRIOR TO ANY CONSTRUCTION.
21. THE WORK INCLUDED IN THIS CONTRACT ENCOMPASSES THE PLANNING & SEPARATIONS WORK INCLUDED ON THE DRAWINGS ONLY, OR IN THE SPECIFICATIONS ONLY, SHALL BE INCORPORATED AS IF INCLUDED IN BOTH. SYSTEMS SHOWN ARE INTENDED TO BE COMPLETE & FULLY FUNCTIONING. PROVIDE SUCH COMPONENTS AS NECESSARY FOR A FULLY FUNCTIONING SYSTEM.
22. PROVIDE SUPPORT FRAMING, STIFFENERS, BRACING, & HANGERS WHETHER SHOWN OR NOT TO ENSURE A COMPLETE & DURABLE SYSTEM. SUPPORT FRAMING CONNECTIONS SHALL BE WELDED UNLESS SPECIFICALLY SHOWN OTHERWISE. ACTUAL SUPPORTS MAY VARY FROM THOSE SHOWN IN DETAILS OR FOR EXISTING FIELD CONDITIONS.

GENERAL ABBREVIATIONS

AWC	AMERICAN WIRE GAUGE
C	CONDUIT
ETR	EXISTING TO REMAIN
GRD	GROUND OR GROUNDING
NEKA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

GENERAL SYMBOLS

○	JUNCTION BOX
○	CONTROL MODULE
#	INDICATES LOCATION

PHASING:

THE SCOPE OF WORK AT ELMIRA CORRECTIONAL FACILITY, BUILDING 20 INCLUDES THE FOLLOWING WHILE MAINTAINING FULL PLUMBING SERVICE IN THE FULLY OCCUPIED FACILITY:

1. REMOVE EXISTING DOMESTIC HOT, COLD AND RECIRCULATION RISERS AND MANS.
2. REPLACE EXISTING DOMESTIC COLD, HOT AND RECIRCULATION RISERS AND MANS.

THE SCOPE OF WORK WILL BE ACCOMPLISHED BY PROVIDING PARALLEL RISERS AND STACKS WITH TEMPORARY PLUGGED SOIL SOIL PIPING IN THE BASEMENT UTILITY CORRIDOR EXTENDING OUTSIDE THE BUILDING FOR FINAL CONNECTION.

PHASE 1:
 PROVIDE HORIZONTAL WASTE, DOMESTIC WATER MAINS IN THE BASEMENT THAT CONNECT OUTSIDE OF THE BUILDING WITH THE WASTE AND DOMESTIC COLD WATER CONNECTING TO EXISTING SANITARY SEWER AND COLD WATER MAINS OUTSIDE THE BUILDING. THEREFORE, DOUBLE CHECK VALVES BE PROVIDED FOR BOTH THE FIRE AND COLD WATER SERVICE ENTRANCES.

PHASE 2:
 PROVIDE WASTE AND VENT STACKS AND DOMESTIC COLD WATER RISERS ADJACENT TO THE EXISTING 1939 RISERS IN CELLS 1-63 TO 1-67 AND 2-72 AND 2-74. PROVIDE WASTE AND VENT STACKS AND DOMESTIC COLD WATER RISERS ADJACENT TO THE EXISTING 1939 RISERS IN C-1 AND C-2 AND D-1 AND D-2. ELECTRICAL CONTRACTOR TO BEGIN INSTALLATION OF ELECTRONIC FUTURE CONTROL SYSTEM.

PHASE 3:
 BEGINNING AT THE BOTTOM OF WET COLUMNS A-1 AND C-1:

- A. CONSTRUCTION CONTRACT: REPAIRS, REMOVALS AND ABATEMENT OF LEAD CONTAINING MATERIALS. WET COLUMN A-1, CELLS 1-65 TO 1-67, 2-55 TO 2-62.
- B. CONSTRUCTION CONTRACT: REPAIRS, REMOVALS AND ABATEMENT OF LEAD CONTAINING MATERIALS. WET COLUMN A-1, CELLS 1-65 TO 1-67, 2-55 TO 2-62. REMOVE EXISTING WATER CLOSETS, LAVATORY, LAVATORY AND WATER PIPING CONNECTING TO VALVED AND PLUGGED OUTLETS LEFT IN PHASE 1. REINSTALL PIN TRAPS, ELECTRIC CONTRACT TO CONTINUE INSTALLATION OF ELECTRONIC FUTURE CONTROL SYSTEM.
- C. PLUMBING AND ELECTRICAL CONTRACT WORK AS ABOVE. WET COLUMN C-1, CELLS 1-1 TO 21.
- D. PLUMBING AND ELECTRICAL CONTRACT WORK AS ABOVE. WET COLUMN C-1, CELLS 2-1 TO 2-62.
- E. PLUMBING AND ELECTRICAL CONTRACT WORK AS ABOVE. WET COLUMN A-1, CELLS 2-55 TO 2-62.

PHASE 4:
 CONTINUE CONSTRUCTION ELECTRICAL AND PLUMBING CONTRACT WORK AT WET COLUMNS A-2 AND C-2.

PHASE 5:
 CONTINUE CONSTRUCTION ELECTRICAL AND PLUMBING CONTRACT WORK AT WET COLUMNS B-1 AND D-1.

PHASE 6:
 CONTINUE CONSTRUCTION ELECTRICAL AND PLUMBING CONTRACT WORK FOR WET COLUMNS B-2 AND D-2.

PHASE 7:
 PLUMBING CONTRACT: ADVANCEMENT TO WET COLUMN D-2.

PHASE 8:
 AT WET COLUMNS G AND H:

- A. CONSTRUCTION CONTRACT: REMOVALS, REPAIRS AND ABATEMENT OF LEAD CONTAINING MATERIALS IN CELLS 1-63 TO 1-67, JANITOR'S ROOM 1-82 AND SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 2-74.
- B. PLUMBING CONTRACT: REMOVE EXISTING WATER CLOSETS LAVATORIES AND EXISTING LOCAL PIPING IN CELLS 1-63 TO 1-67. REMOVE EXISTING SERVICE SINK IN JANITOR'S ROOM 1-82. REMOVE WATER CLOSETS AND LAVATORY IN SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 2-74. PROVIDE SOIL AND VENT STACKS AND LAVATORIES IN SECOND AND FOURTH TIER CORRECTIONAL OFFICERS TOILET ROOMS 2-72 AND 2-74. PROVIDE DOMESTIC WATER COOLERS ADJACENT TO CORRECTIONAL OFFICERS TOILET ROOMS ON THE SECOND AND FOURTH TIERS. CONNECT SOIL STACK AND WATER RISERS TO NEW MAINS IN THE BASEMENT UTILITY CORRIDOR.

PHASE 9:
 AT WET COLUMNS G AND H:

- A. CONSTRUCTION CONTRACT: REMOVALS, REPAIRS AND ABATEMENT OF LEAD CONTAINING MATERIALS IN CELLS 68 TO 1-72 AND CORRECTIONAL OFFICERS TOILET ROOM 1-66.
- B. PLUMBING CONTRACT: REMOVE EXISTING WATER CLOSETS AND LAVATORIES. PROVIDE STAINLESS STEEL WATER CLOSETS AND LAVATORIES IN CELLS, AND WATER CLOSET AND LAVATORY IN CORRECTIONAL OFFICERS TOILET ROOM.

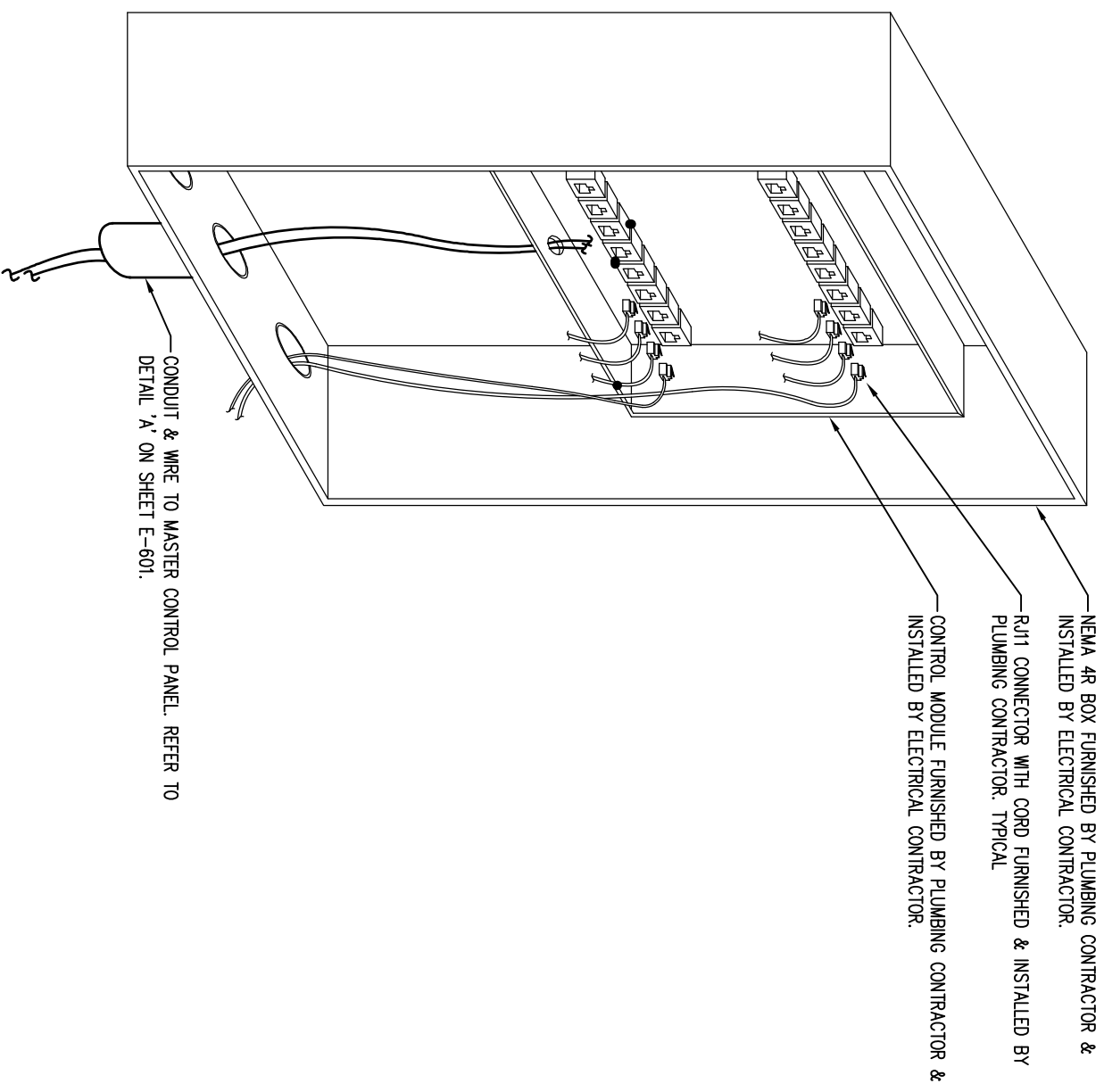
PHASE 9:
 AT WET COLUMN E:

- A. CONSTRUCTION CONTRACT: REMOVALS, REPAIR AND ABATEMENT OF LEAD CONTAINING MATERIALS, TIERS 1 TO 4, INCLUDING IN ROOMS 1-81, 2-70, 3-63 & 4-76. PROVIDE WASTE STACK, VENT STACK, DOMESTIC HOT, COLD & RECIRCULATING RISERS TIERS 1 TO 4 INCLUDING IN ROOMS 1-81, 2-70, 3-63 & 4-76. PROVIDE WASTE STACK, VENT STACK, SINK, SHOWER & FLOOR DRAIN IN ROOMS 1-81, 2-70, 3-63 & 4-76. PROVIDE WASTE STACK, VENT STACK, SINK, SHOWER & FLOOR DRAIN IN ROOMS 1-81, 2-70, 3-63 & 4-76. PROVIDE WASTE STACK, VENT STACK, SINK, SHOWER & FLOOR DRAIN IN ROOMS 1-81, 2-70, 3-63 & 4-76. PROVIDE WASTE STACK, VENT STACK, SINK, SHOWER & FLOOR DRAIN IN ROOMS 1-81, 2-70, 3-63 & 4-76. PROVIDE WASTE STACK, VENT STACK, SINK, SHOWER & FLOOR DRAIN IN ROOMS 1-81, 2-70, 3-63 & 4-76.
- B. CONSTRUCTION CONTRACT: ENCLOSE WET COLUMN IN PIPE SPACE FLOORS 1 THROUGH 4.

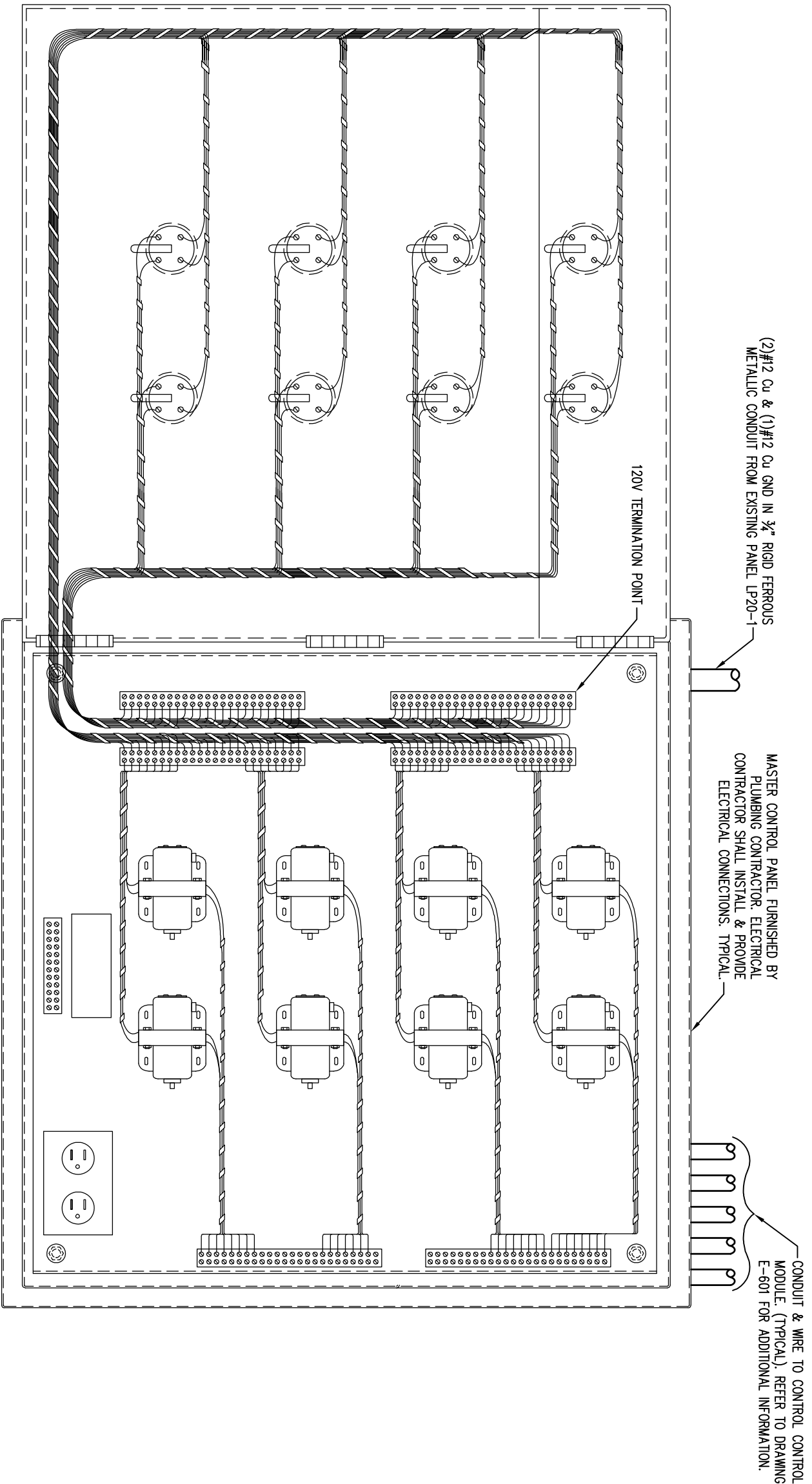
PHASE 10:
 AT WET COLUMN F:

- A. CONSTRUCTION CONTRACT: AS PER PHASE 9 ABOVE.
- B. PLUMBING CONTRACT: ADVANCEMENT TO WET COLUMN F.

PHASE 11:
 PLUMBING CONTRACT: REMOVAL OF ALL NON-ESSENTIAL WATER, WASTE, SOIL, AND VENT PIPING. ABANDON EXISTING BELOW GRADE SOIL & PVI PIPING WHERE INDICATED ON DRAWINGS.



TYPICAL CONTROL MODULE DETAIL A
 SCALE: NTS



TYPICAL MASTER CONTROL PANEL B
 SCALE: NTS

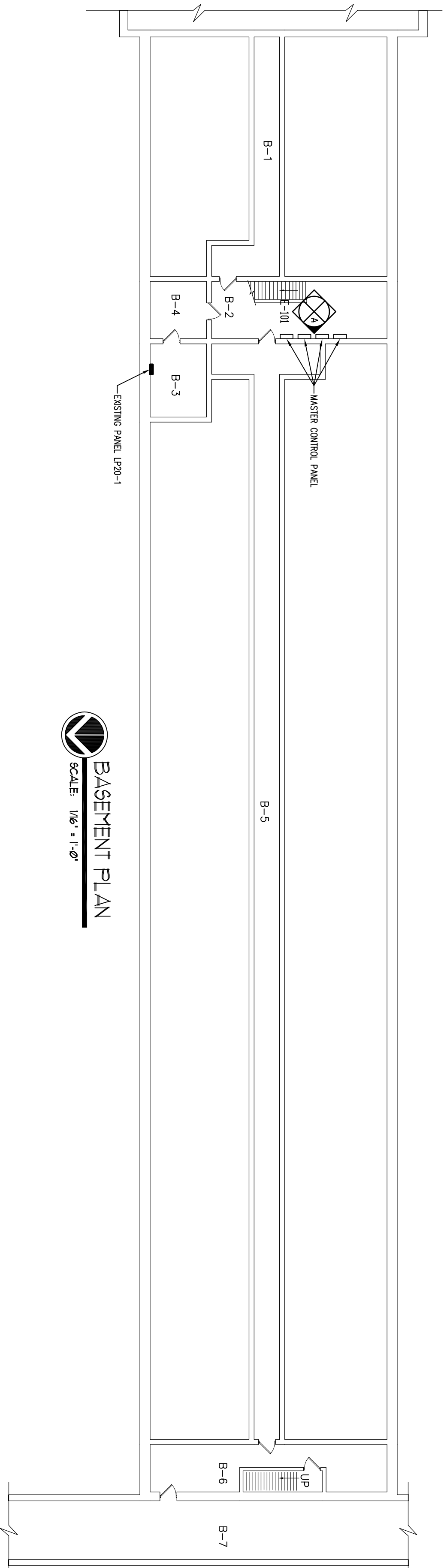
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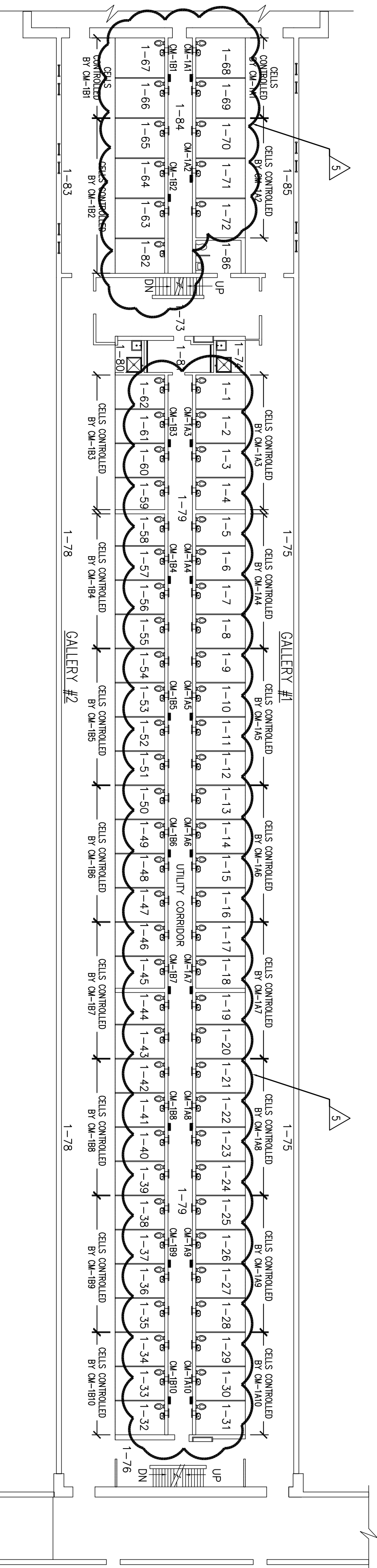
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CONTRACT:
ELECTRICAL
 REPLACE PLUMBING
 C BLOCK, BUILDING 20
 LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET, BOX 500
 ELMIRA, NEW YORK
 CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

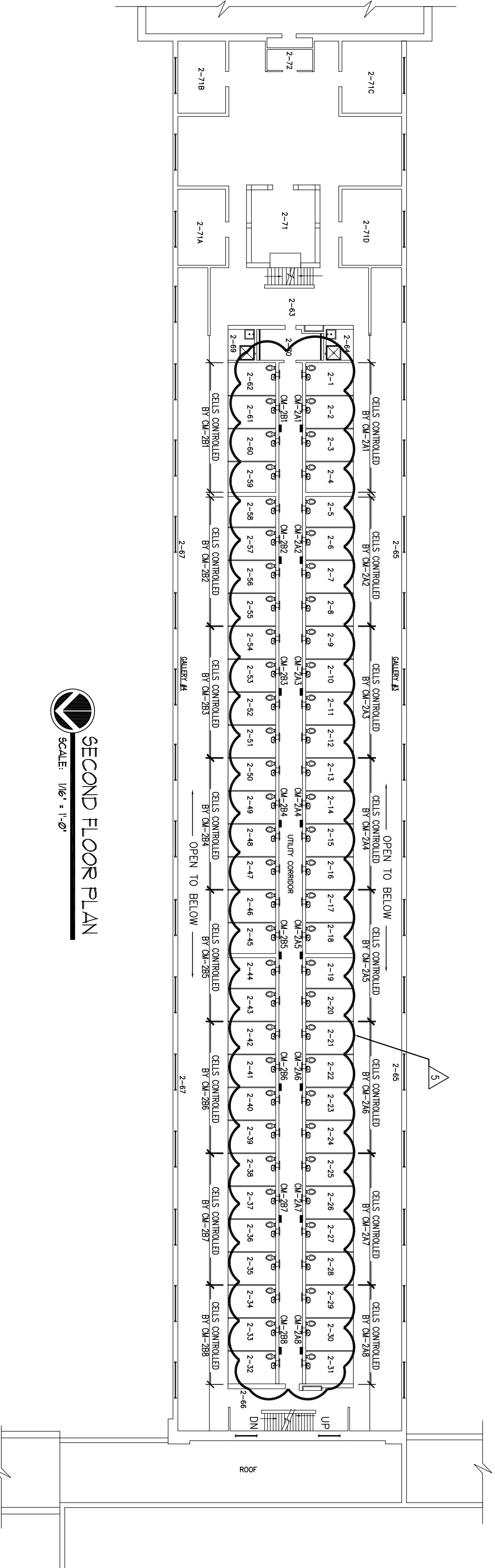
DATE	DESCRIPTION
05/13/2015	ADDENDUM
11/12/2014	BID DOCUMENT
MARK	
PROJECT NUMBER	44671-E
DESIGNED BY:	WJP
DRAWN BY:	WJP
FIELD CHECK:	F.C.
APPROVED:	JFE
SHEET TITLE	
ELECTRICAL ABBREVIATIONS & NOTES	
DRAWING NUMBER	E-001
SHEET	26 of 29



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

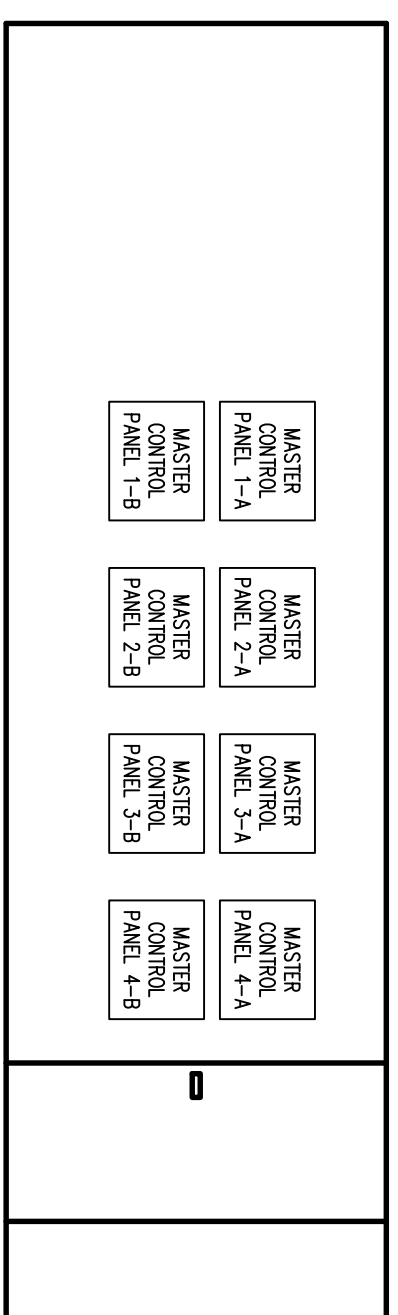


FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"

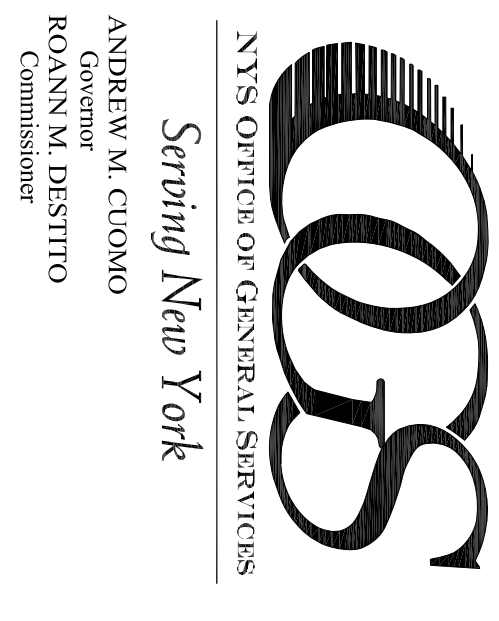


SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"

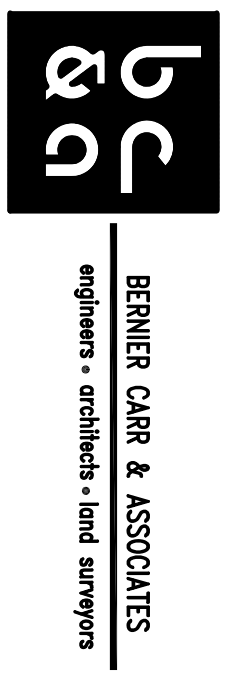
- GENERAL SHEET NOTES:**
- REFER TO DRAWING E-600 FOR ELECTRICAL GENERAL NOTES.
 - REFER TO DRAWING E-601 FOR ADDITIONAL INFORMATION.



MASTER CONTROL PANELS ELEVATION
 SCALE: 1/4" = 1'-0" **A**



ANDREW M. CUOMO
 Governor
 ROANN M. DESTITO
 Commissioner



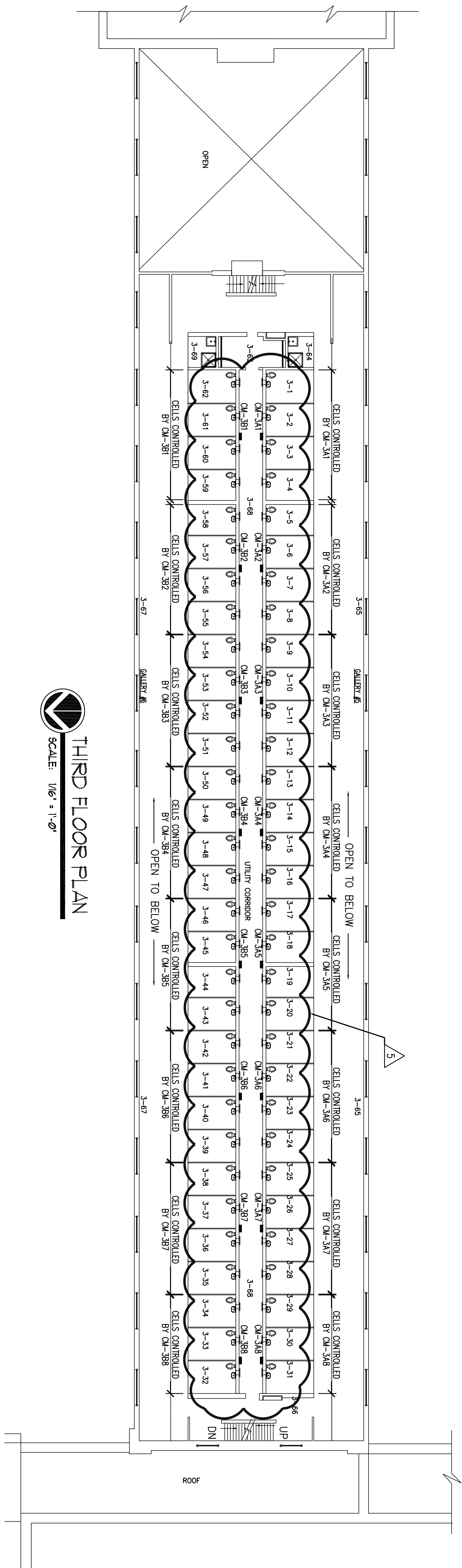
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CONTRACT:
ELECTRICAL
 REPLACE PLUMBING
 C BLOCK, BUILDING 20

LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET, BOX 500
 ELMIRA, NEW YORK

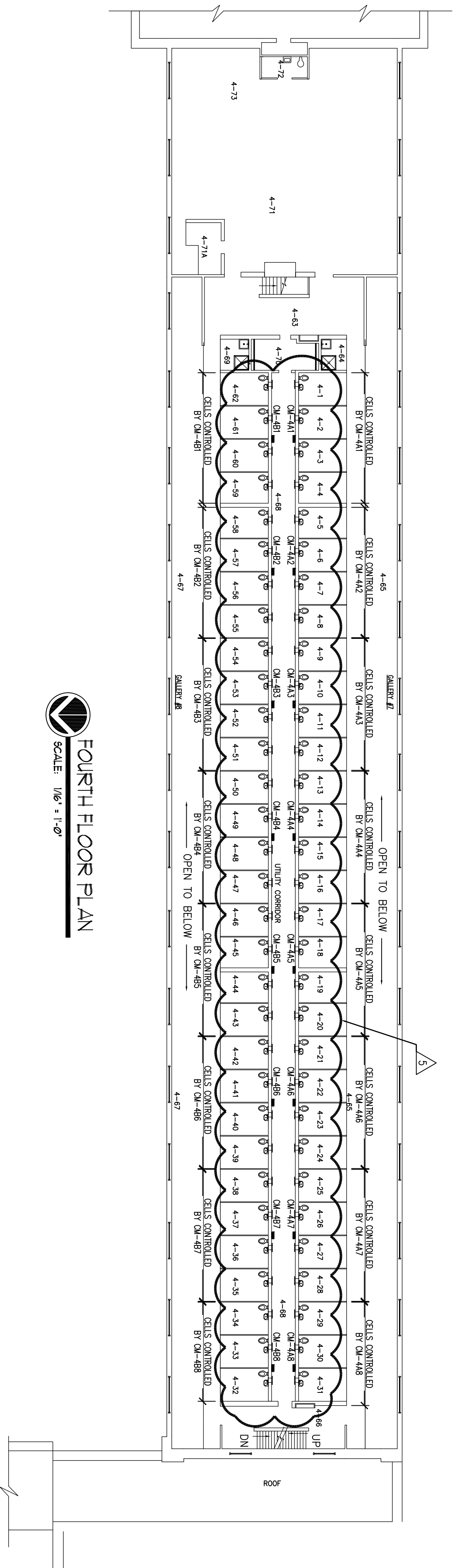
CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

DATE	05/13/2015	REVISION	
DATE	11/12/2014	DESCRIPTION	
PROJECT NUMBER	44671-E		
DESIGNED BY:	WJP		
DRAWN BY:	WJP		
FIELD CHECK:	F.C.		
APPROVED:	JFE		
SHEET TITLE:	BASEMENT, FIRST FLOOR & SECOND FLOOR ELECTRICAL PLANS		
DRAWING NUMBER:	E-101		
SHEET	27	OF	29



THIRD FLOOR PLAN
 SCALE: 1/8" = 1'-0"

GENERAL SHEET NOTES:
 1. REFER TO DRAWING E-600 FOR ELECTRICAL GENERAL NOTES.
 2. REFER TO DRAWING E-601 FOR ADDITIONAL INFORMATION.



FOURTH FLOOR PLAN
 SCALE: 1/8" = 1'-0"

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CONTRACT:
ELECTRICAL
 REPLACE PLUMBING
 C BLOCK, BUILDING 20
LOCATION:
 ELMIRA CORRECTIONAL FACILITY
 1879 DAVIS STREET, BOX 500
 ELMIRA, NEW YORK

CLIENT:
 DEPARTMENT OF CORRECTIONS
 AND COMMUNITY SUPERVISION

MARK	DATE	REVISION	DESCRIPTION
5	05/13/2015	REVISION	
	11/12/2014	BID DOCUMENT	

PROJECT NUMBER: 44671-E
DESIGNED BY: WJP
DRAWN BY: WJP
FIELD CHECK: F.C.
APPROVED: JFE
SHEET TITLE:

THIRD & FOURTH FLOOR ELECTRICAL PLANS

DRAWING NUMBER: E-102
SHEET 28 of 29