

**Maryland
Transportation
Authority**

Martin O'Malley
Governor

Anthony Brown
Lt. Governor

John D. Porcari
Chairman

Peter J. Basso
Rev. Dr. William C. Calhoun, Sr.
Mary Beyer Halsey
Louise P. Hoblitzell
Richard C. Mike Lewin
Isaac H. Marks, Sr., Esq.
Michael J. Whitson
Walter E. Woodford, Jr., P.E.

Ronald L. Freeland
Executive Secretary

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www.mdtransportationauthority.com

May 21, 2009

TO ALL PURCHASERS OF CONTRACT DOCUMENTS:

RE: **Contract No. NB-630-000-006**
Administration Building Additions and Rnovations
Nice Bridge

ADDENDUM NO. 3

To Whom It May Concern:

It is important that you acknowledge receipt of this Addendum No. 3 on the referenced contract regardless if you will be bidding or not bidding.

Very truly yours,

Linda McGill
Chief Procurement Officer

Enclosures

Contract No. **NB-630-000-006**

This will acknowledge receipt of the attached Addendum No. 3.

NAME OF COMPANY

SIGNATURE

DATE

THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE SHALL BE RETURNED TO THIS OFFICE VIA FAX AT 410-537-7801, ATTENTION: MAGGIE JOHNSON PRIOR TO THE BID OPENING DATE.

IN ADDITION, THIS SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



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May 21, 2009

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RE: **Contract No. NB-630-000-006**
Administration Building Additions and Renovations
Nice Bridge

ADDENDUM NO. 3

To Whom It May Concern:

The following changes have been made to the Contract Invitation for Bids Documents:

1. Delete page 9 of the Special Provisions and replace with new page 9.
2. Delete page 731 of the Special Provisions and replace with new page 731.
3. Delete page 732, the schedule of prices and replace with new pages 732.
4. The following changes (pages 1 through 25 of this addendum) have been made to the entire Contract Invitation for Bids Documents and Drawings:

Very truly yours,

Linda McGill
Chief Procurement Officer

THE SIGNED ADDENDUM ACKNOWLEDGEMENT PAGE MUST BE ATTACHED TO THE OUTSIDE COVER OF THE BID BOOK. FAILURE TO DO SO MAY RESULT IN REJECTION OF YOUR BID.



Maryland
Transportation
Authority

SPECIAL PROVISIONS
Contract No. NB 630-000-006

Page 1 of 9

SP 1-1 PROJECT DESCRIPTION

CONTRACT NO.: NB 630-000-006

TITLE: Administration Building Addition and Renovation

FACILITY: Nice Bridge

LOCATION: Charles County

ADVERTISED: April 14, 2009

PRE-BID MEETING: 10:00 a.m. on April 28, 2009 in the Conference Room at the Maryland Transportation Authority, 300 Authority Drive, 1st Floor, Engineering Building, Baltimore, MD 21222

PROJECT CONTACT: Project Manager: Mr. Larry Okpolor (410) 537-7818
Contract Administration: Ms. Maggie Johnson (410) 537-7807

BIDS DUE: 12:00 Noon, May 28, 2009 in the Bid Box on the 1st floor of the Maryland Transportation Authority, Engineering Building, 300 Authority Drive, Baltimore, MD 21222

CLASSIFICATION: Class D (\$1,000,001– \$2,500,000)

CONTRACT TIME: Two Hundred Seventy (270) Calendar Days

LIQUIDATED DAMAGES: \$500.00 per Calendar Day

MINIMUM MBE GOALS: Overall 30%: The sub-goals include 15% African American, 8% Women owned businesses.

BID DOCUMENTS: \$50.00 - Bid documents can be purchased between 7:30am and 3:30pm, Mondays, Wednesdays, Thursdays and Fridays and between 10:00am and 4:00pm on Tuesdays at the Ticket Office located at the Francis Scott Key Bridge, Maryland Transportation Authority, Administration Building, 303 Authority Drive, Baltimore, MD 21222.



PROPOSAL FORM

Contract No. NB 630-000-006

Proposal Of _____

(Name)

(Address)

(Phone Number)

To furnish and deliver all materials and to perform all work in accordance with the Specifications and the other Contract Documents except as specifically stated otherwise in the Special Provisions relating to Contract No. NB 630-000-006

The project consists of Renovation of Existing Administration Building and Construction of a new 1,645 square foot of Modular Building Addition.

The project also includes Removal and Disposal of all Asbestos Containing Materials (ACM) at the Harry W. Nice Memorial Bridge Administration Building and Site Improvement of the existing Administration Building Parking Lot

as defined in the Special Provisions on which proposal will be received until twelve (12) Noon on the 28th of May 2009 in the Bid Box of the Maryland Transportation Authority Engineering Division, Building 300, 1st floor, located at the Francis Scott Key Bridge, Baltimore, MD the work to be performed at

Bids will be opened publicly at 12:00 Noon on the Bid Date in the Engineering Conference Room of the Transportation Authority which is located directly adjacent to the Bid Box.

To the Maryland Transportation Authority, Baltimore, MD:

In accordance with the published "Notice to Contractors" of the Maryland Transportation Authority, inviting proposals for the work; identified above, I/We certify; that I/We am/are the only person or persons interested in this Proposal as principals; that it is made without collusion with any person, firm or corporation; that an examination has been made of the Contract Documents and of the work site; that I/We certify have the equipment, labor, supervision and financial capacity to perform this contract either with my/our organization or with subcontractors; that I/We propose to furnish all necessary machinery, equipment, tools, labor and other means of construction and to furnish all materials specified in the manner and at the time prescribed; that I/We understand that the quantities of work as indicated herein are to be determined by me/us; that I/We further understand that all work required by this contract is to be performed in accordance with the following Schedule of Prices

SCHEDULE OF PRICES

NOTE: This proposal shall be filled in by the bidder, with the prices written in words and numerals. The extension amounts of unit costs shall also be filled in. For complete information concerning these items, see Specifications, Special Provisions and Contract Form.

ITEM NOS.	APPROXIMATE QUANTITIES	DESCRIPTION OF ITEM AND PRICE BID (IN WRITTEN WORDS)	UNIT PRICE		AMOUNTS	
			DOLLARS	CTS.	DOLLARS	CTS.
100-1	SF	ASBESTOS ABATEMENT, FLOOR TILE AND ASSOCIATED MASTICS AT _____ SQUARE FOOT				
100-2	LF	ASBESTOS ABATEMENT, WHITE PINE SEAM SEALANT AT _____ LINEAR FOOT				
101	LUMP SUM	MOBILIZATION AT _____ LUMP SUM				
102	LUMP SUM	ENGINEER'S OFFICE 'TYPE B' AT _____ LUMP SUM				
103	LUMP SUM	CPM PROJECT SCHEDULE AT _____ LUMP SUM				
11000 340100	LUMP SUM	ADMIN. BUILDING RENOVATIONS AND ADDITION AT _____ LUMP SUM				
402	LUMP SUM	MISCELLANEOUS CONTINGENCIES AT ONE HUNDRED THOUSAND DOLLARS _____			100,000	0
		AGGREGATE AMOUNT OF LUMP SUMS AND ALLOWANCES USING ITEMS 100-1,100-2, 101-103, 402, 011000 & 340100. AT _____				

CONTRACT NO. NB-630-000-006

ADDENDUM #3

MAY 21, 2009

4. The following changes (pages 1 through 25 of this addendum) have been made to the entire Contract Invitation for Bids Documents and Drawings:

ARCHITECTUAL

1. Specification Section 111900, Detention Equipment, Section 2.2,A,3 Revise to ¼" woven rod @ 2" c.c.
2. Specification Section 111900, Detention Equipment, Section, Section 1.2.A.1 Delete "Pneumatic" Add "Manual operation" hardware.
3. Specification Section 111900, Detention Equipment, Section, Section 2.2.B Delete this paragraph in its entirety. Add: Provide 1300 Track Set by Southern Steel or approved equal and locking Device 1030A by Southern Steel or approved equal, lock in door pocket with mounting plate as required.
4. Drawing A-201, Detail 2, Revise Note "Double Hung Windows" to Single Hung Windows".
5. Drawing A-105, Roof Plan, Modular Building. The ridge extends from east to west with overhang at each end. Provide continuous "K" style gutters both longitudinal elevations with connection to gutter at building connecting corridor. Tie to downspouts as indicted on the drawing elevations, adjustments may be made in the field to connect to storm drainage system as approved in shop drawings and per field conditions. Roof slope shall be 1" per foot as noted.
6. Clarification: The modular building, ALL exterior walls are 1 hour fire rated construction, the north windows do not require fire shutters and there is no limit on glazing in this elevation in accordance with IBC 2006 Code, Table 704.7, Maximum Area of Exterior Wall Openings.
7. Drawing E-4, The Card Reader is indicated to match existing system.
8. Ceiling Fans as shown on Drawing A104 & powered as indicated on Drawings E-5. Model as selected by the owner (similar to Hunter Model 23566-52").
9. Clarification: Drawing E-4, Note 15 calls out for 225A, 208V, 3 Phase, 4W feeder for Modular Building Panelboard. This feeder is from normal power. There is another 100A, 208V, 3 Phase, 4w panelboard EL 11 (With 50A MCB) to be provided by Electrical Contractor to feed emergency and Life Safety Load as per notes 1 & 12 on Drawing E-4. This is from General Panel. Refer to Drawing E-6 for Panel EL 11 schedule.
10. Clarification: The existing building has HVAC units on Single Phase power and the Modular Building has HVAC units on Three Phase power.

11. Drawing A-601, Finish Schedule, Revise Room 119 from "Property Evidence" to "Unisex Toilet Room". Revise all finishes to match finishes for Room 121 Unisex Toilet. Remove all existing finishes to accommodate new finishes.

12. Drawing E-3, Clarification, Remove and discard only light fixtures indicated by dashed lines.
13. Drawing E-5, Provide new light fixtures indicated as indicated.
14. Specification Section 085600, Ticket Office Window, Section 2.2.A.5, Armortex™ bullet resistant glazing shall be TP 200 Multi-Ply Polycarbonate, 1" thickness, UL-2 (HPSA) Rated.
15. Drawing A-601, Door Schedule, Delete Door No. 104, Not Used.
16. Drawing A-601, Door Schedule, Revise Hardware Set Numbers indicated on the schedule to conform to Specification Section 087100, Section 3.7 Door Hardware Sets. (disregard set numbers noted on Drawing A601).
 - a. Within Specification amend hardware set numbers as follows:
 - i. Hardware Set #1 Add: One overhead door closure LCN 4040 Aluminum Finish Doors # 111, 113, 115 & 123.
 - ii. Hardware Set #6: One overhead door closure LCN 4040 Aluminum Finish Doors # 109.
 - iii. Hardware Set #7: One overhead door closure LCN 4040 Aluminum Finish Doors # 112 & 121.
17. Specification Section 096816 – Sheet Carpeting; Part 2-Products; Section 2.1, item B. Change this to read as follows:
 - B. Products: Subject to compliance with requirements, provide the following:
 1. Lees: Faculty IV
 - a. Color: As selected from vendor's standard line.
 - C. Carpet Construction: Tufted
 - D. Surface Texture: Loop Pile
 - E. Gauge: 1/8" (31.5/10 cm)
 - F. Stitches Per Inch: 8.3 per inch
 - G. Finished Pile Thickness: .145" avg. (3.7mm)
 - H. Dye Method: Solution dyed / Duracolor
 - I. Backing Material: Unibond
 - J. Face yarn: 100% Antron Legacy Nylon
 - K. Face Weight: 26 oz/yd2 (881.66gm/m2)

18. Drawing A303 Sections 1 & 2: Provide minimum 6 mil. vapor barrier above floor insulation and 2x6 joist under plywood deck (all locations below heated space).
19. G102 New construction shall conform to latest applicable code (2006) in Lieu of 2003 codes as indicated.

MECHANICAL

Drawing M-2:

1. Revise note to read as:
“Remove and Store refrigerant charge from existing refrigerant piping and associated chiller. Remove existing refrigerant piping between chiller and roof mounted condenser. Existing chiller to remain. Cap remaining pipe connections temporarily until new pipe is installed.”
2. Add Note 10 to read as-
“Remove Existing Combustion air damper and associated ductwork. Close remaining wall opening temporarily with 16 gage galvanized steel sheet until new louver and damper is installed.”
3. Replace 00 on West Mechanical room wall with 10.
4. Demolish portion of pipe connecting UV filter with filter tanks to accommodate new Pressure Regulator Valve indicated by Note 10 on Drawing M-5.
5. Revise Crawl Space Demolition Plan to retain pipes services for toilet room 119 directly adjacent to police south entrance as indicated on attached M-2 sketch.
6. Remove a portion of ¾” HS, ¾” HR serving connector upstairs, to accommodate new piping as indicated on attached M-2, sketch 1.

Drawing M-3:

1. Revise First Floor Demolition Plan to retain fixtures and services for toilet 119 directly adjacent to police south entrance as indicated on attached M-3 sketch.
2. Remove exhaust duct up to existing fan serving toilets 118 and 119 as indicated on attached M-3, sketch 2.

Drawing M-4:

1. Revise 1-1/4” RL on Refrigerant Pipe note on plan to read as – 7/8” RL.
2. Revise Roof Demolition Plan to retain toilet vents and demolish existing exhaust fan as indicated on attached M-4, sketch 3.

Drawing M-5:

1. Revise Boiler Room Piping Plan as indicated on attached M-5, sketch 4.
2. Add Heating Hot Water Piping to convector above, as indicated in attached M-5, sketch 5.
3. Revise Note 12 to read as-
“Provide New Refrigerant piping between existing chiller and new air cooled

condenser ACU-1 on roof, including traps, fittings, filter- drier, solenoid valve,

expansion valve, hot-gas bypass and refrigerant specialties required by chiller manufacturer. Existing chiller is Carrier 30HWA035. See drawing M-8 for ACU-1 location and detail.”

4. Add Note 19 to read as-
“Provide 4” high concrete pad extending a minimum of 6 inches on all sides of the boiler.”
5. Delete Convactor And reconnect piping to existing 1 1/4” HS as indicated in attached M-5, sketch 6.
- 6 Extend 3/4” ns and 3/4” nr pipe serving convector in storage room 118 above to new
- 7 location as indicated in attached M-5, sketch 6.

Drawing M-6:

1. Revise First Floor Pumbing Plan, Holding Cell Plumbing Plan and Elevation as indicated in attached M-6, sketch 7.
2. 2” FD In Corridor To Read As 3” FD.

Drawing M-7:

1. Revise First Floor HVAC Plan exhaust grille air volume at toilet 119 to remain from 50 CFM to 75 CFM.
2. Move convector C-6 in storage room 118 to the opposite wall to accommodate shelving.

Drawing M-8 :

1. Revise Exhaust Fan Schedule fan EF-1 exhaust air volume to 325 CFM from current air volume of 500 CFM, and fan speed to 825 rpm from current 950 rpm.

Drawing M-9:

1. Revise Boiler Piping Schematic as indicated on attached M-9, sketch 8.
2. Revise Hydropneumatic Tank Piping Schematic as indicated on attached M-9, sketch 9.

ELECTRICAL

Drawing E-1

1. Add symbols as per sketch 10 in addition to as shown on Drawing E-1.
2. Electrical General Note 13 is deleted.
3. Electrical General Note 17 shall be read as:

“Where Electrical installations depend upon work of other trades, the electrical

contractor shall ensure that necessary instructions, templates, materials, etc. are provided and coordinated with the work of other trades for quality and code compliance.”

4. Electrical General Note 23 shall be read as:

“Modular building shall come with lighting fixtures, receptacles, 225A, 120/208V, 3PH, 4W panelboard. Contractor shall provide security system, fire alarm system, telephone & data wiring as shown on plan. Contractor to provide feeder from switchboard to panelboard located in Modular Building. In addition another panelboard EL11 is required as shown.

Drawing E-2

5. Add General Note 5 as:

“The Security System shall be demolished and installed by qualified & experienced Contractor. The present system is installed & maintained by ARK Systems, Inc. Tel. 410-997-1220”.

6. Add Drawing Note 14 as :

“Remove wiring & raceway back to the source to water fountain being removed.”

Drawing E-4

7. Drawing Note 14 shall be read as:

“Contractor to locate outlets as shown adjacent to duplex receptacle.”

8. Provide wall mounted Double Pole Single Throw (DPST) timer near out-door heater. All wiring to the heater shall be through the timer. The timer shall be ‘INTRAMATIC’ model FF430M or approved equal in weather proof enclosure, 48” AFF. Refer Sketch 11 for location.
9. Provide 60A, 208V, 2P circuit breaker in NEMA 1 enclosure under counter for instant water heater in multi-purpose room 105 Modular Building. Refer Sketch 11 for location.
10. Provide power to heat trace cables 2 nos. shown on drawing M-5. Refer drawing E-6 for panel schedule.
11. All new security devices & equipment shall be installed & connected to existing system. Make the complete system operational.

12. Add circled note 20 to the existing camera in Staff Hall 110 & add camera symbol in existing Vault Room. Refer Sketch 11 for location. Add circled Note 13 in Office Room 120.

13. Drawing Note 25 shall be read as:

“Provide 20A, 3P, 208V circuit breaker in Westinghouse panelboard EH1 at available space 25, 27, 29. Match AIC rating. Provide power to submersible pump using 3 # 10 & #10G in 1” conduit. Conduit shall be EMT inside the building & PVC schedule 40, direct buried, 36” underground outside the building up to combination starter. Contractor shall provide submersible cable from combination starter to pump. Provide sealing at pump as per pump manufacturer’s requirements.”

14. Delete fire alarm strobe in secure store 118 and add receptacles, access control magnetic lock, access control exit to request Push button, Data drop in room 119. Provide all wiring & raceway as required. Provide power to receptacle using 2 # 12 & #12G in ¾” conduit. Refer sketch 12 for location.

15. Drawing Note 24 shall be read as:

“Provide 20A, 1P, 120V circuit breaker in panel EL1 at available space 17. Provide power to receptacle at roof above mechanical room using 2 # 12 & #12G in ¾” conduit”.

16. Provide 120A, 1P, manual starter in mechanical room for circulating pump P1. Circuit for circulating pump shall be through manual starter.

17. Add Circled Note 27 to circuit EL7-34 in room ‘Holding 115’.

Drawing E-5

18. Light Fixtures D shown on outside wall on West side of building shall be provided on modular building. Refer Sketch 13 for new location.

19. Delete drawing note 5 from drawing notes. Delete circled note and associated box shown on building outside walls.

20. Add one additional lighting fixture C in men’s locker room 109. The control switch for this additional fixture shall be the same as for all other fixtures in this room.

21. In Vestibule, delete fixture D.

22. The drawing note 6 shall be read as:

“Connect to spare circuit breaker 37 in panel EL7 using 2 #12 & #12G in ¾” conduit”.

Drawing E-6

23. Provide 1P, 15A circuit breaker in panel EL10 at space 6 & 8 for exhaust fans in place of 1P, 20A.

24. In lighting fixture schedule, the catalog no. for Fixture A shall be 2DPG-232-FS-12-120-1/2-EB. Catalog no. for Fixture C shall be 2DPG231U1-FS-12-1/2-EB. The type of lamp for Fixture Type C shall be 2' 31U1.

25. In panel schedule of panel EL11, the * note shall be read as:

“Coordinate location of heat trace unit with mechanical. Provide ground fault equipment protection”

Drawing E-7

26. From roof plan, delete Manual Starter for Exhaust Fan EF-1 & EF-2. The power to the exhaust fans shall be through their respective disconnect & starter.

27. Demolish all wiring up to the source for existing submersible pump. Remove raceway above ground & abandon duct below grade. Provide watertight caps at both ends.

28. Move location of disconnect for ACU-1 & Duplex Receptacle from East wall to South wall.

29. Drawing Note 5 shall be read as:

“Unistrut mounted combination starter NEMA, Size 0, 3P, 208V in NEMA 3R enclosure. Refer modified note 25 for Drawing E-4. Refer this drawing for Unistrut details”.

30. Re-route the direct buried conduit from submersible pump to panel EH1. The conduit will be direct buried 36” underground from submersible pump to the building & surface mounted inside the building. Refer Sketch 14 for new route.

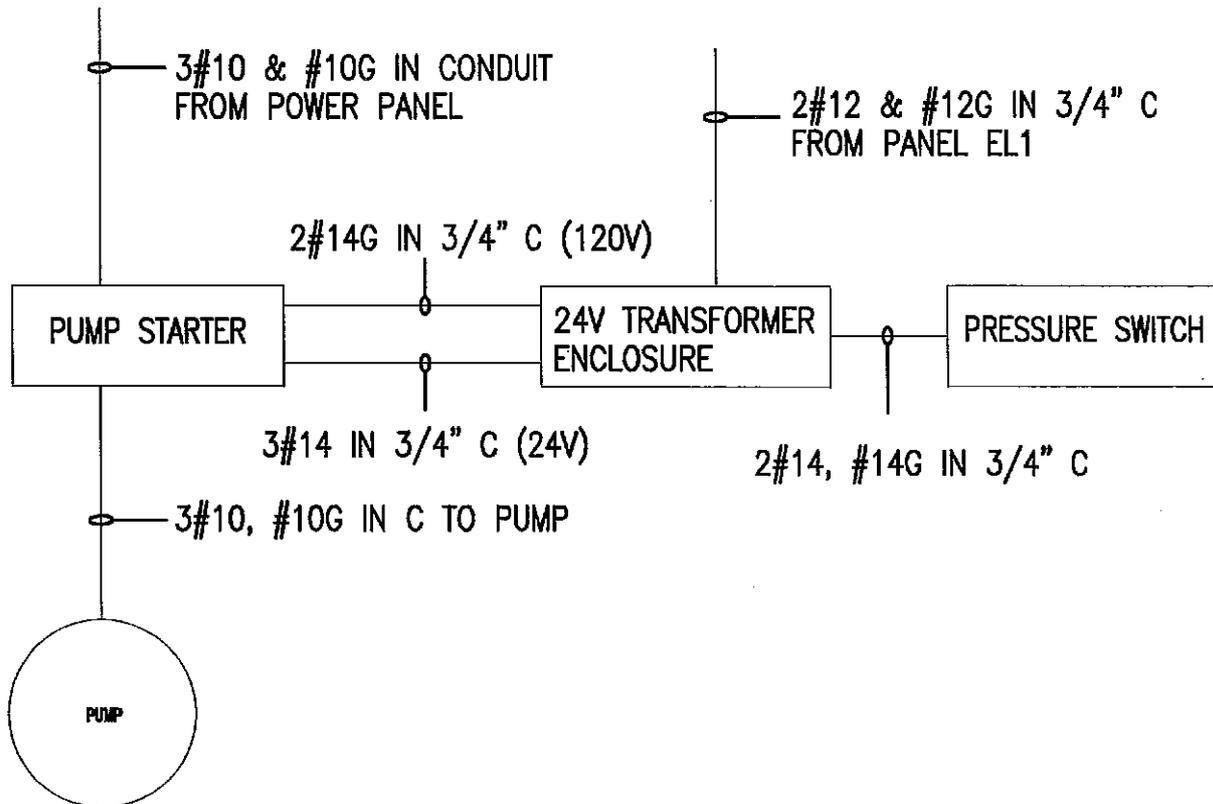
31. Provide all control wiring as per Sketch 15, 16, & 17 for submersible pump. Wiring inside the building shall be in EMT and use spare duct per note 6 on drawing E-7 for outside control wiring.

32. Provide 1P, 15A, 120V circuit breaker at available space in Panel EL1 located in Electrical Room & provide power pressure switch using 2 # 12 & #12G in ¾' conduit as required in sketches 15, 16 & 17..

Very truly yours,

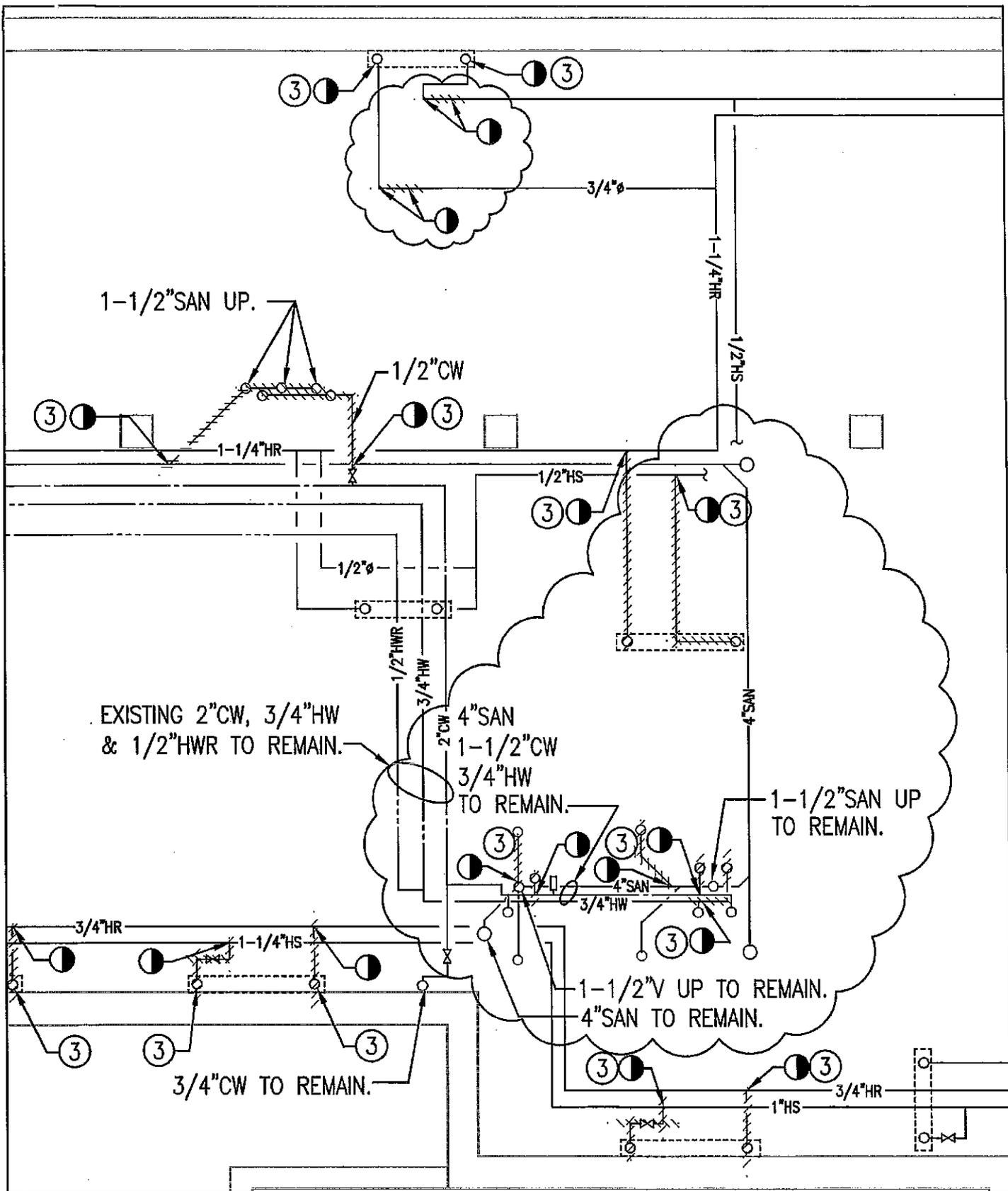
Linda McGill
Chief Procurement Officer

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PUMP CONTROL RISER

NOT TO SCALE

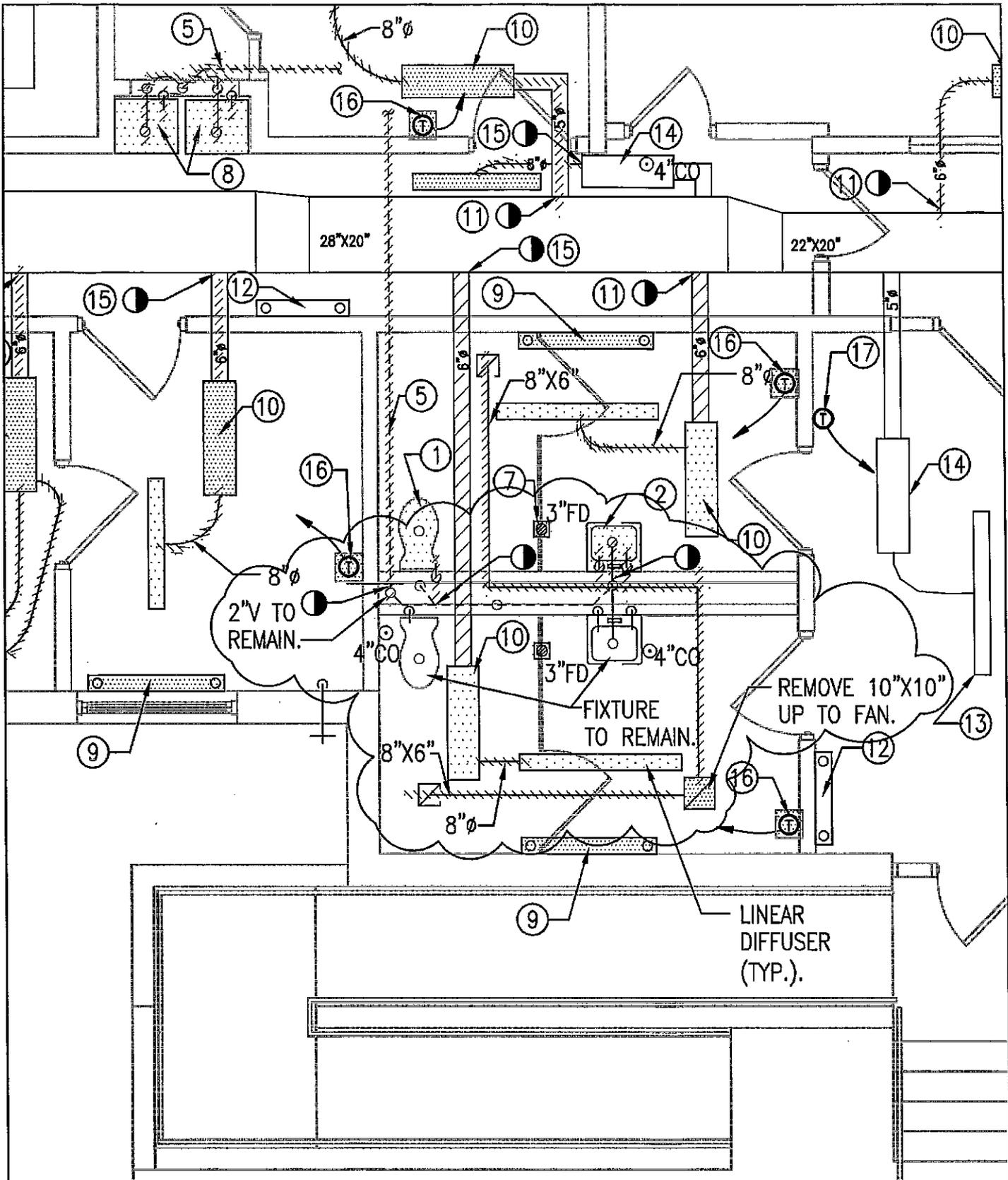


CRAWL SPACE NEW WORK PLAN

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

NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT
 ADDENDUM - I; DRAWING M-2; SKETCH-1

MAY 15, 2009

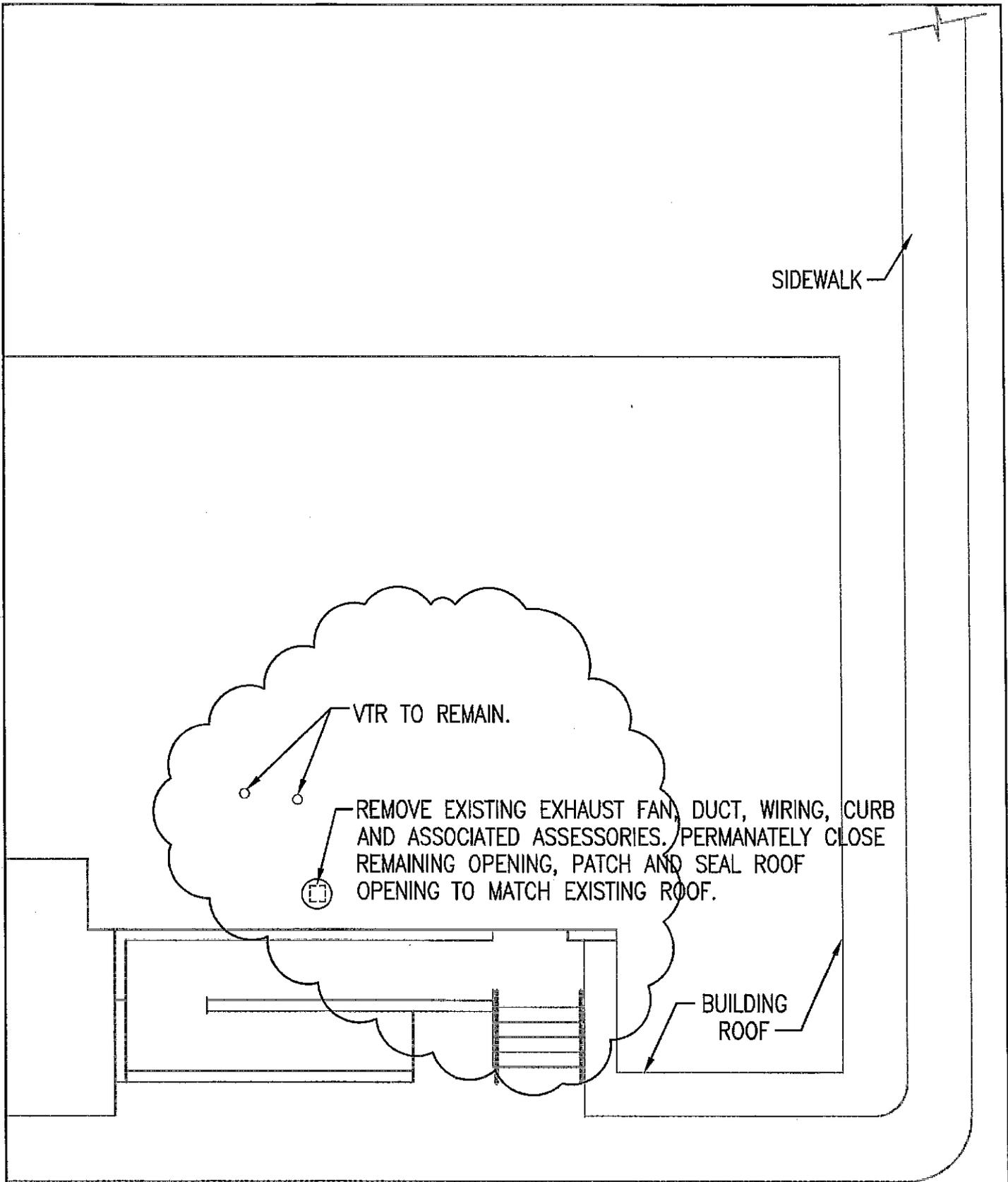


PARTIAL FIRST FLOOR DEMOLITION PLAN

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

NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT
 ADDENDUM - I; DRAWING M-3; SCHETCH-2

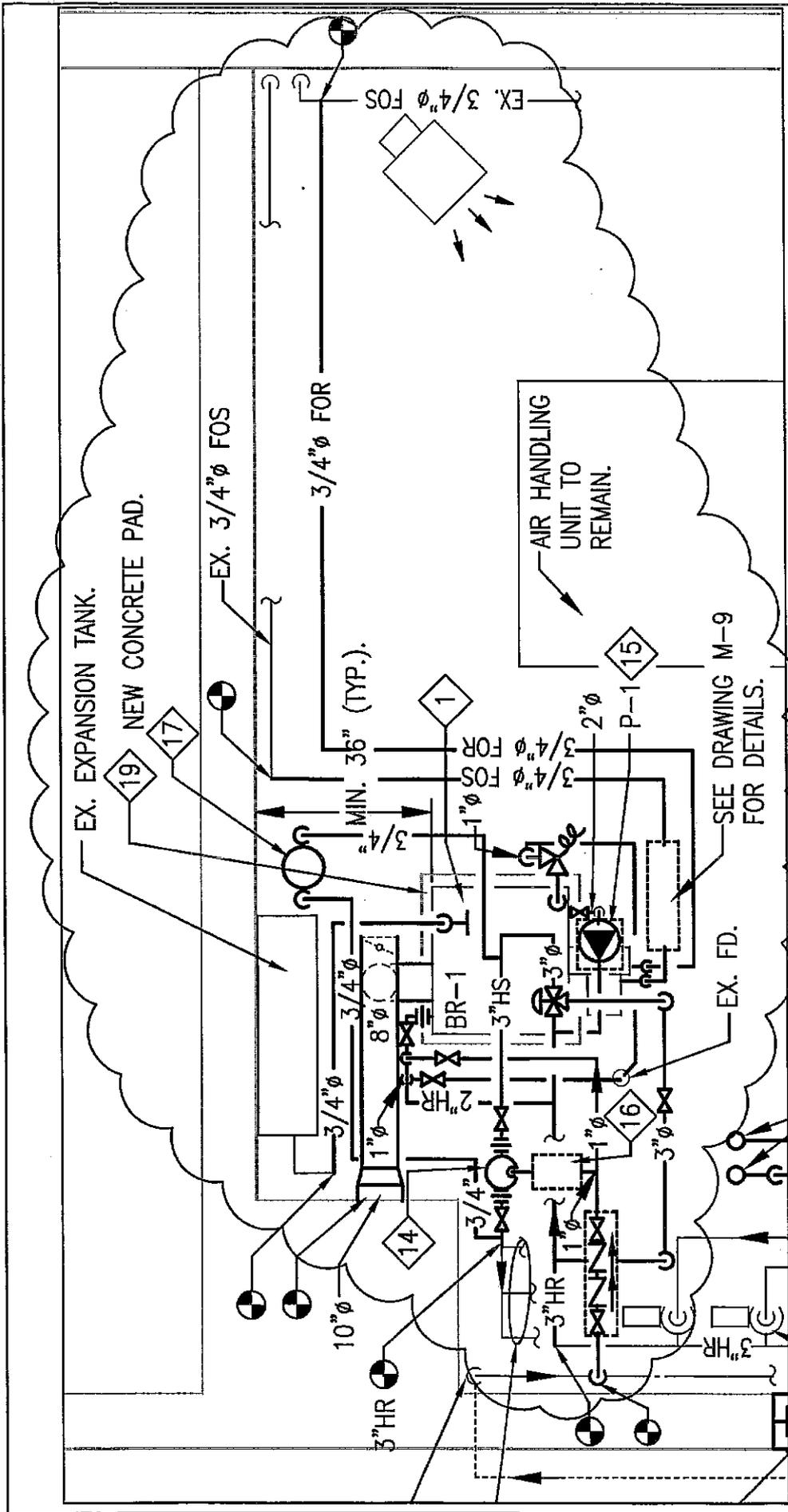
MAY 15, 2009



CRAWL SPACE NEW WORK PLAN

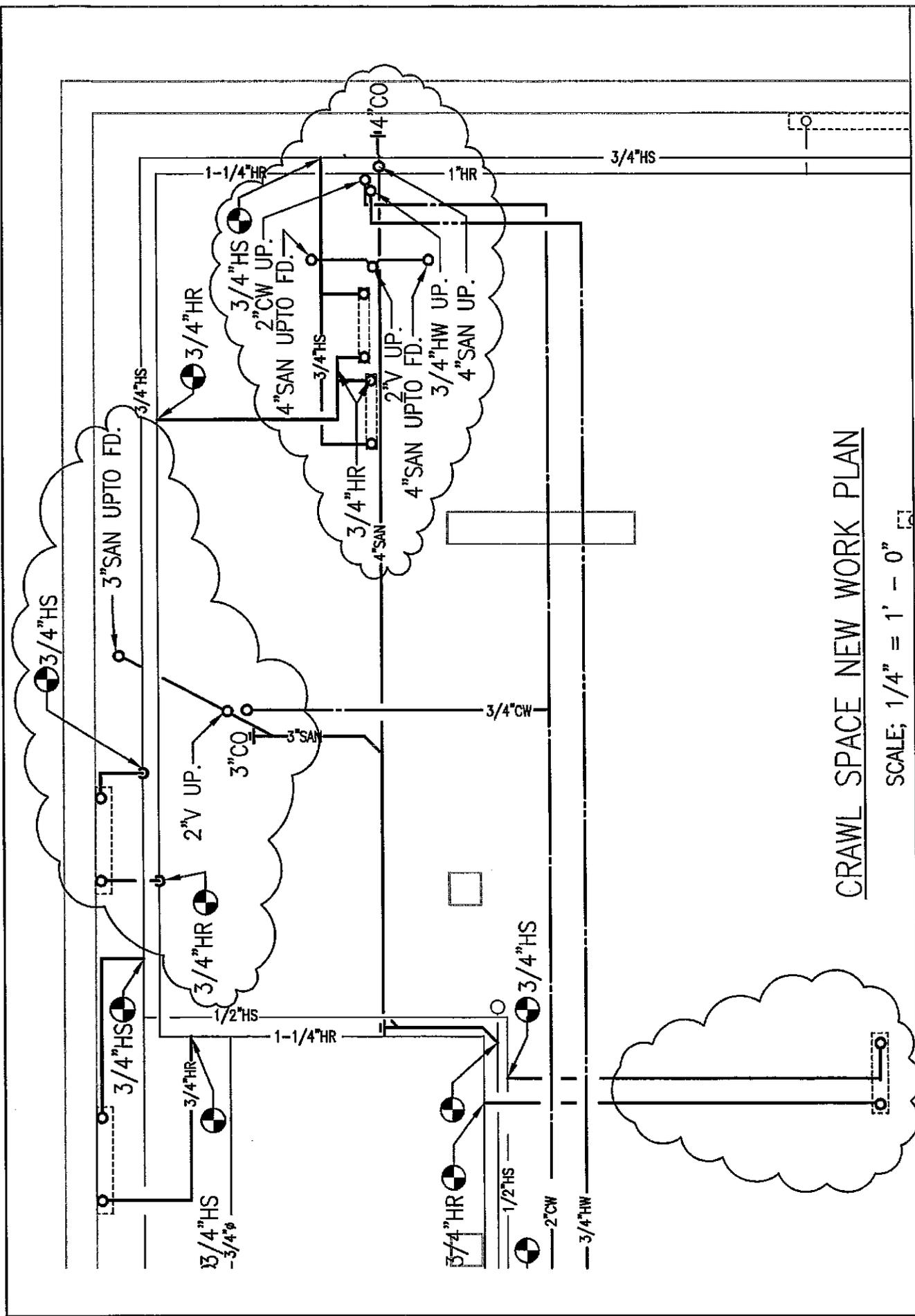
SCALE; 1/8" = 1' - 0"

<p>NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT ADDENDUM - I; DRAWING M-4; SKETCH-3</p>	<p>MAY 15, 2009</p>
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CRAWL SPACE NEW WORK PLAN

SCALE: 3/8" = 1' - 0"

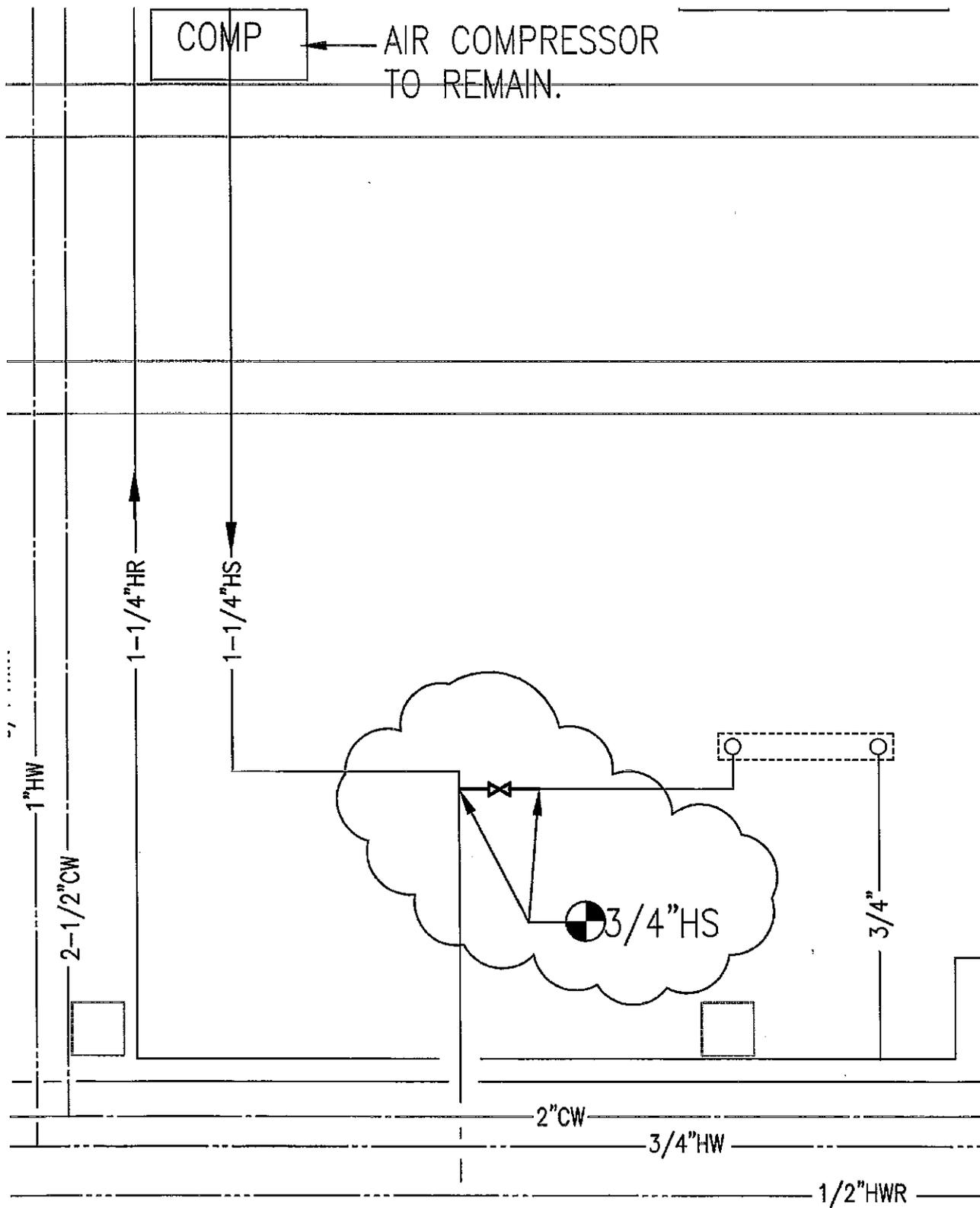


CRAWL SPACE NEW WORK PLAN

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

NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT
 ADDENDUM - I; DRAWING M-5; SKETCH-5

MAY 15, 2009

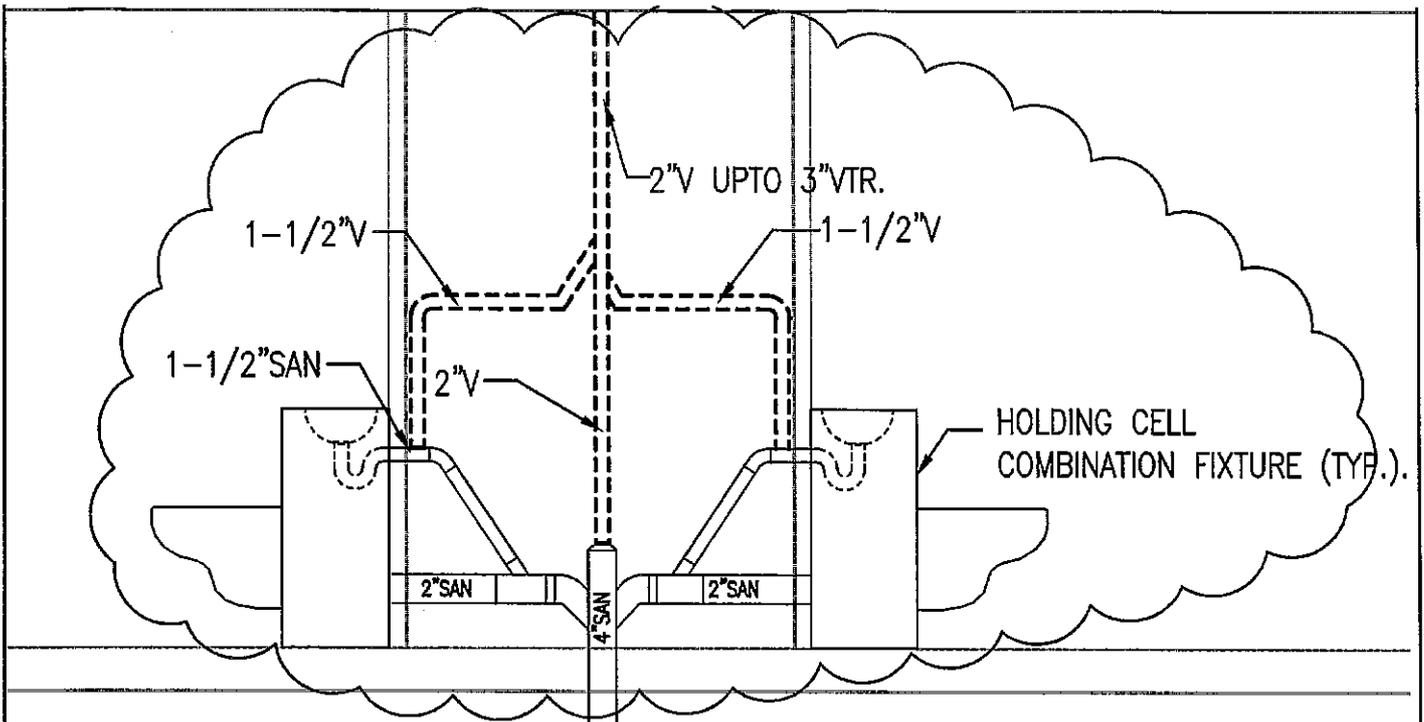


CRAWL SPACE NEW WORK PLAN

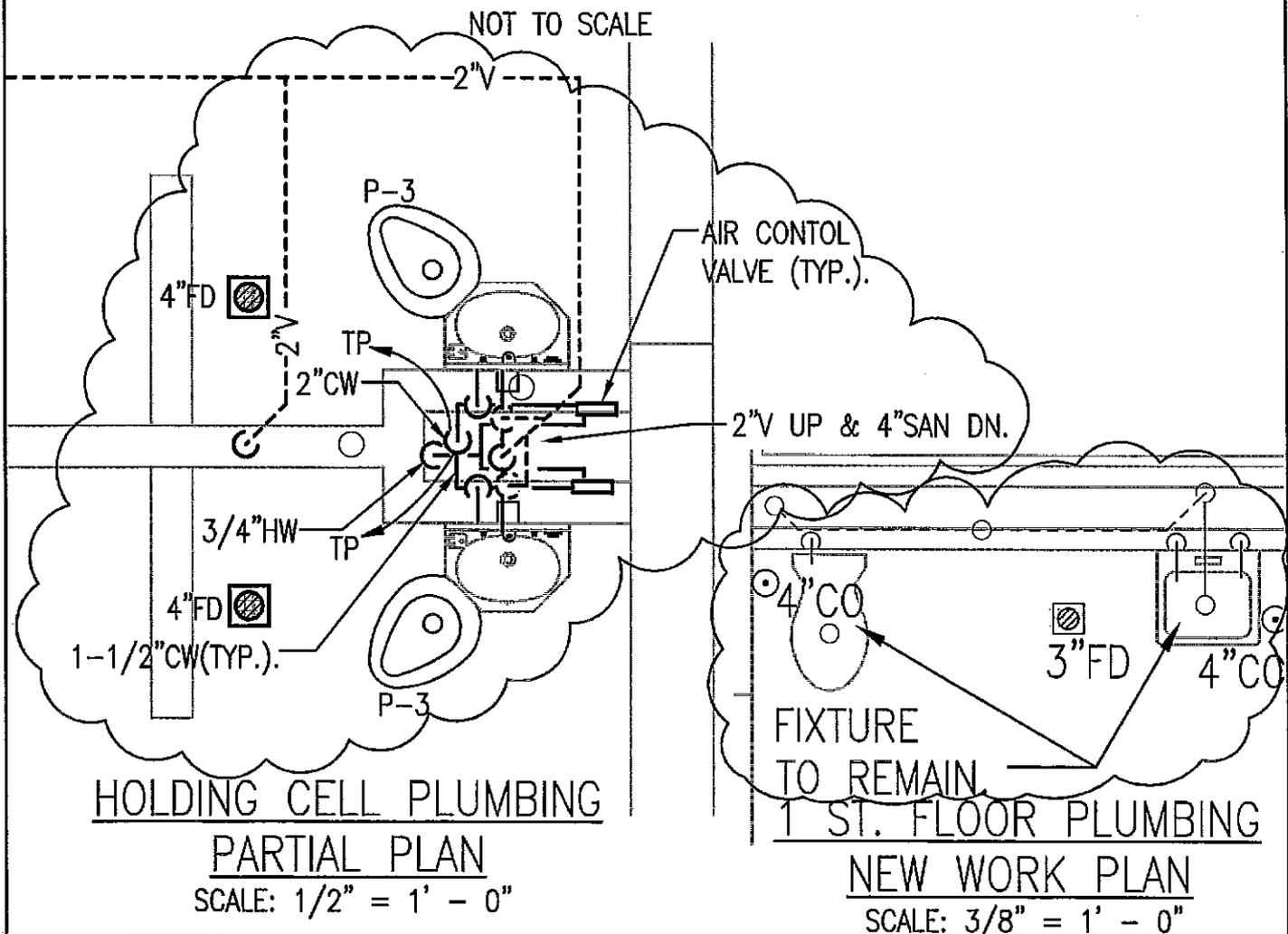
SCALE; 3/8" = 1' - 0"

NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT
 ADDENDUM - I; DRAWING M-5; SKETCH-6

MAY 15, 2009



HOLDING CELL PLUMBING CHASE SANITARY PIPING ELEVATION



HOLDING CELL PLUMBING
PARTIAL PLAN

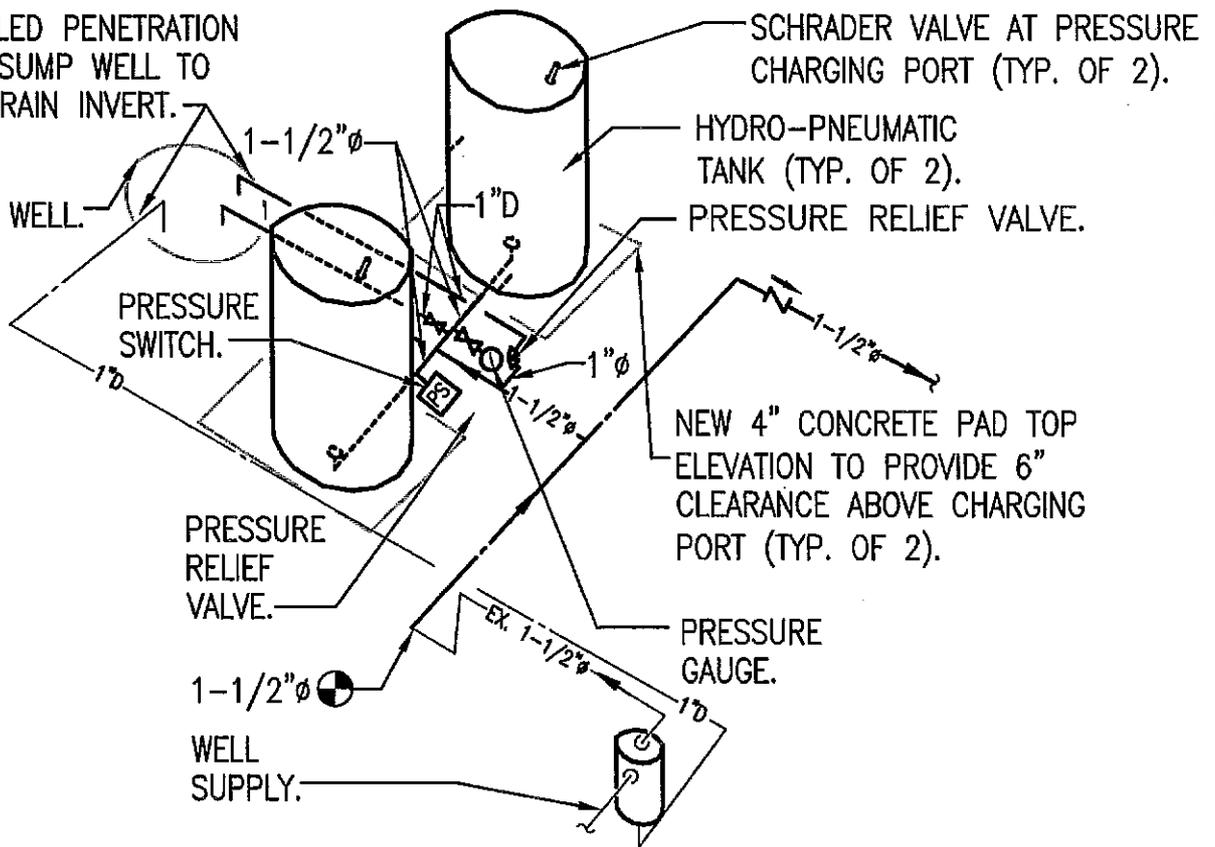
SCALE: 1/2" = 1' - 0"

FIXTURE TO REMAIN
1 ST. FLOOR PLUMBING
NEW WORK PLAN

SCALE: 3/8" = 1' - 0"

CORE DRILLED PENETRATION
OF EXIST. SUMP WELL TO
MAINTAIN DRAIN INVERT.

EX. SUMP WELL.



SCHRADER VALVE AT PRESSURE
CHARGING PORT (TYP. OF 2).

HYDRO-PNEUMATIC
TANK (TYP. OF 2).

PRESSURE RELIEF VALVE.

PRESSURE
SWITCH.

PRESSURE
RELIEF
VALVE.

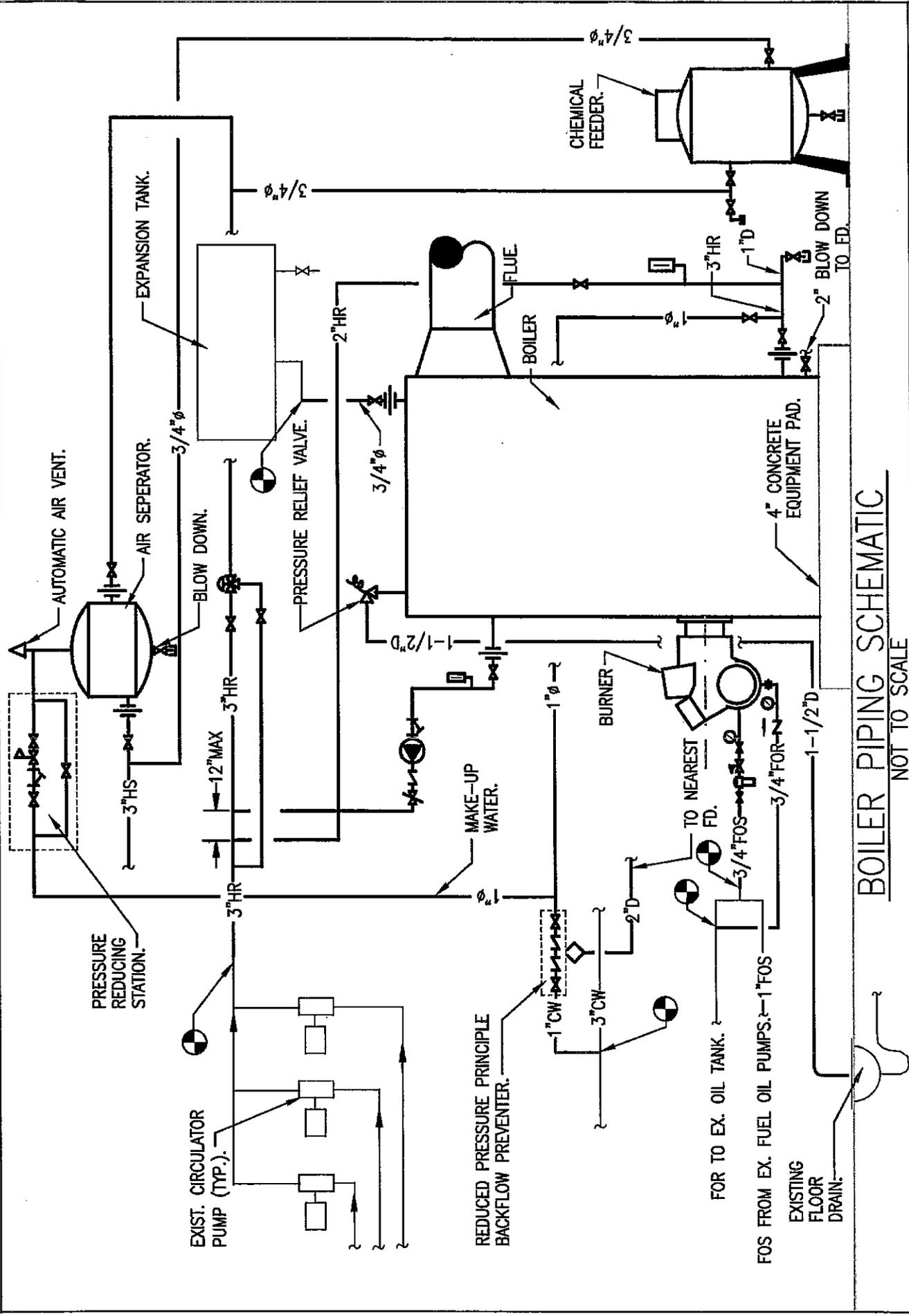
1-1/2" ϕ
WELL
SUPPLY.

NEW 4" CONCRETE PAD TOP
ELEVATION TO PROVIDE 6"
CLEARANCE ABOVE CHARGING
PORT (TYP. OF 2).

PRESSURE
GAUGE.

HYDRO-PNEUMATIC TANK PIPING SCHEMATIC

NOT TO SCALE



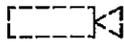
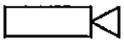
BOILER PIPING SCHEMATIC

NOT TO SCALE

NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT
 ADDENDUM - I; DRAWING M-9; SKETCH-8

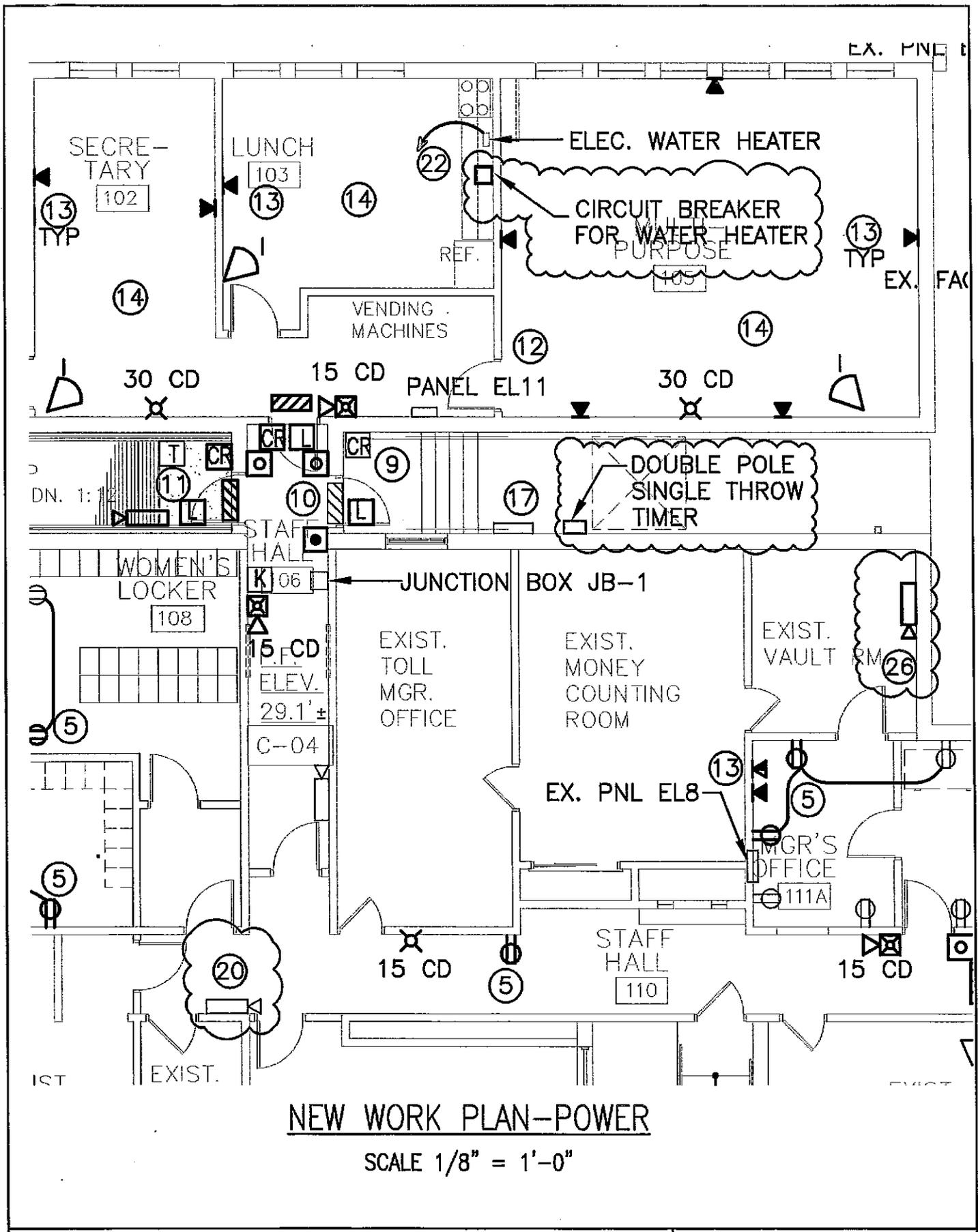
MAY 15, 2009

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EXISTING TO BE REMOVED	EXISTING TO REMAIN	NEW	DESCRIPTION
			SECURITY SYSTEM KEY PAD
			SECURITY SYSTEM WINDOW CONTACT
			SECURITY SYSTEM DOOR CONTACT
			QUADRUPLEX RECEPTACLE, 20A, 120V, NEMA 5-20R, 18" AFF, U.O.N.
			GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE 20 AMPS, 120 VOLTS, NEMA 5-20R, 24" AFF, U.O.N.
			GROUND FAULT CIRCUIT INTERRUPTER DUPLEX RECEPTACLE 20 AMPS, 120 VOLTS, NEMA 5-20R, 6" ABOVE COUNTER HEIGHT OR SINK HEIGHT
			DUPLEX RECEPTACLE 20 AMPS, 120 VOLTS, NEMA 5-20R, 6" ABOVE COUNTER HEIGHT OR SINK HEIGHT
			CCTV VIDEO COLOR CAMERA, WALL OR CEILING MOUNTED.

ABBREVIATIONS, SYMBOLS AND GENERAL NOTES

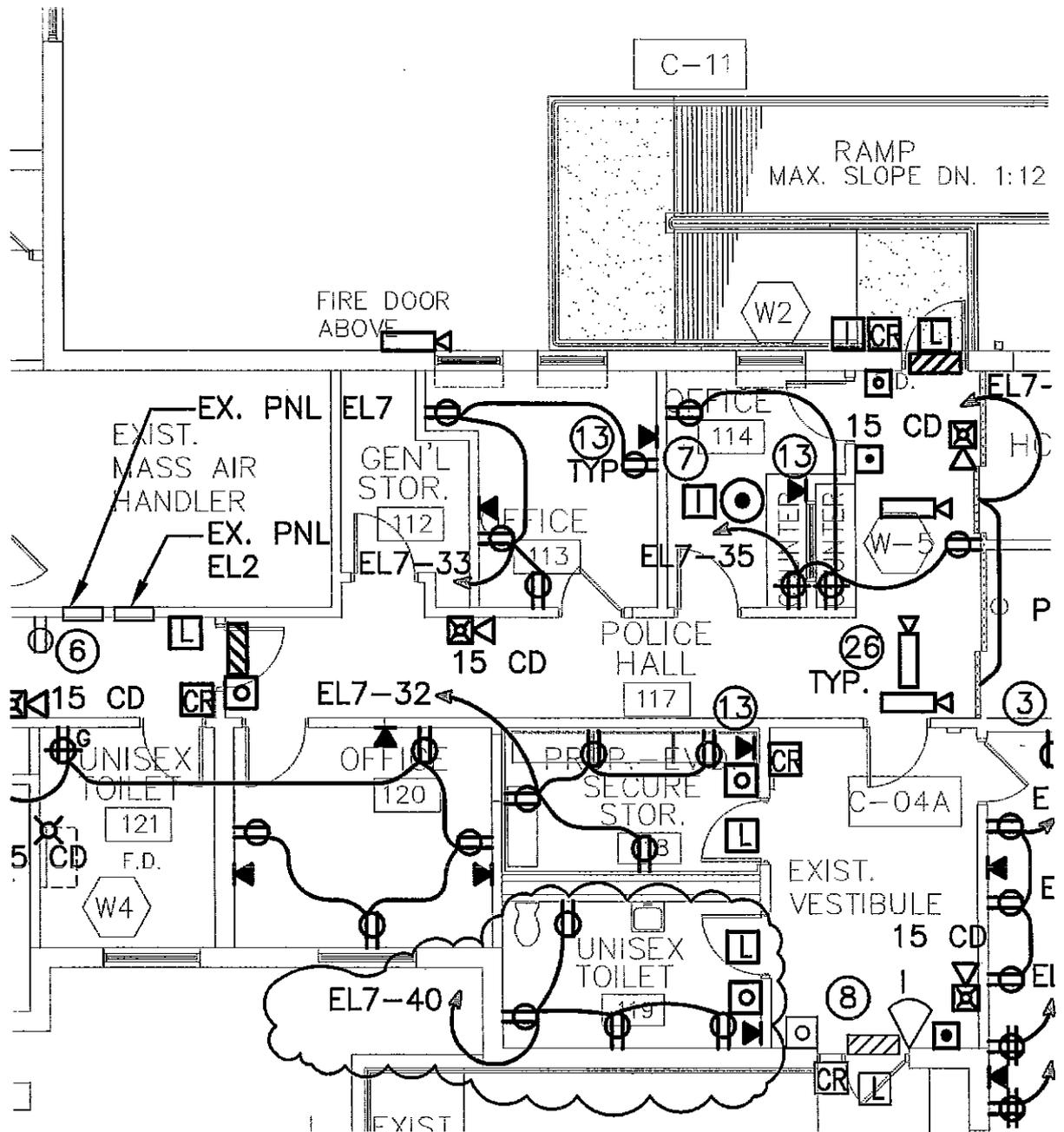
NO SCALE



NEW WORK PLAN-POWER

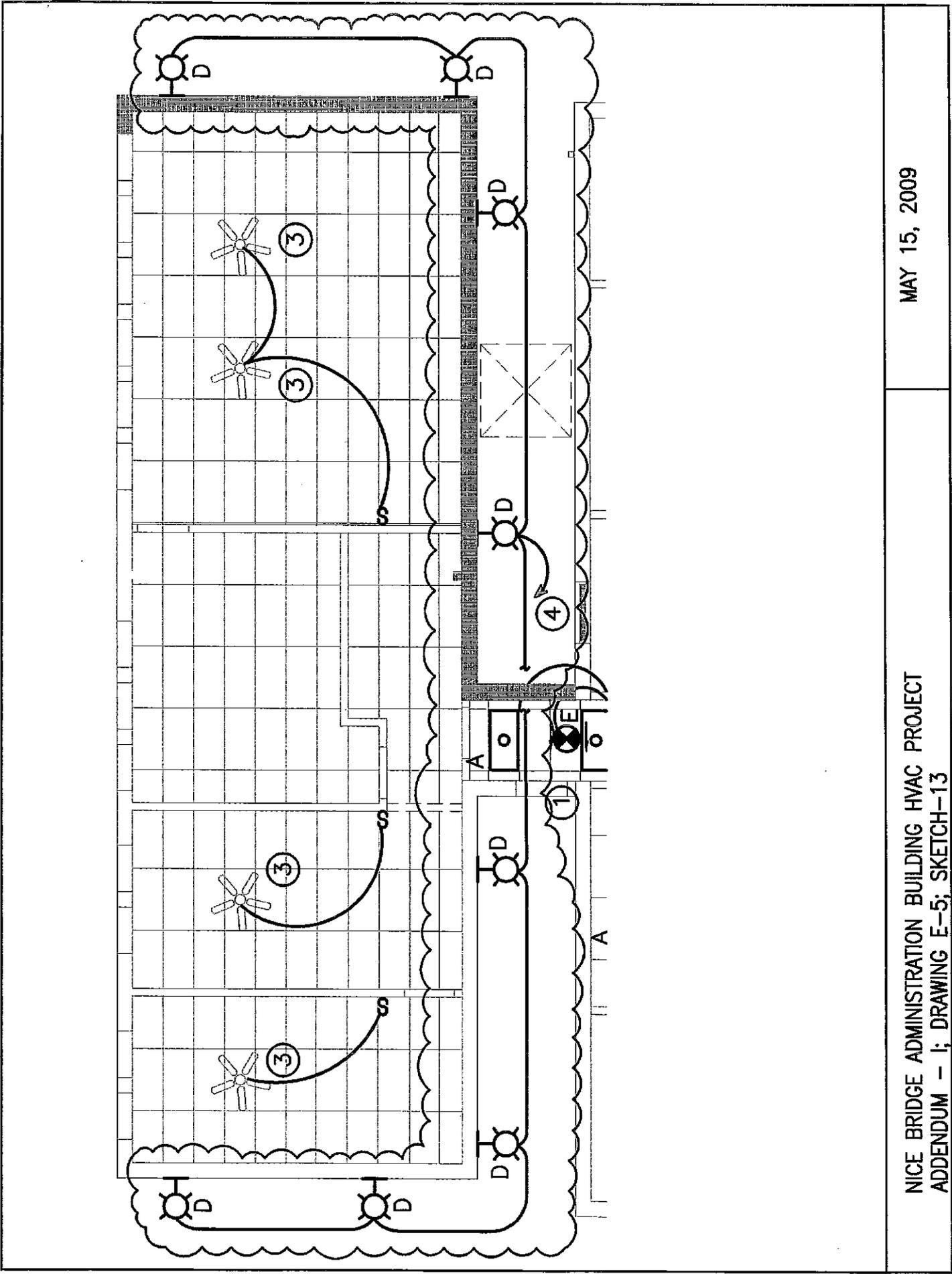
SCALE 1/8" = 1'-0"

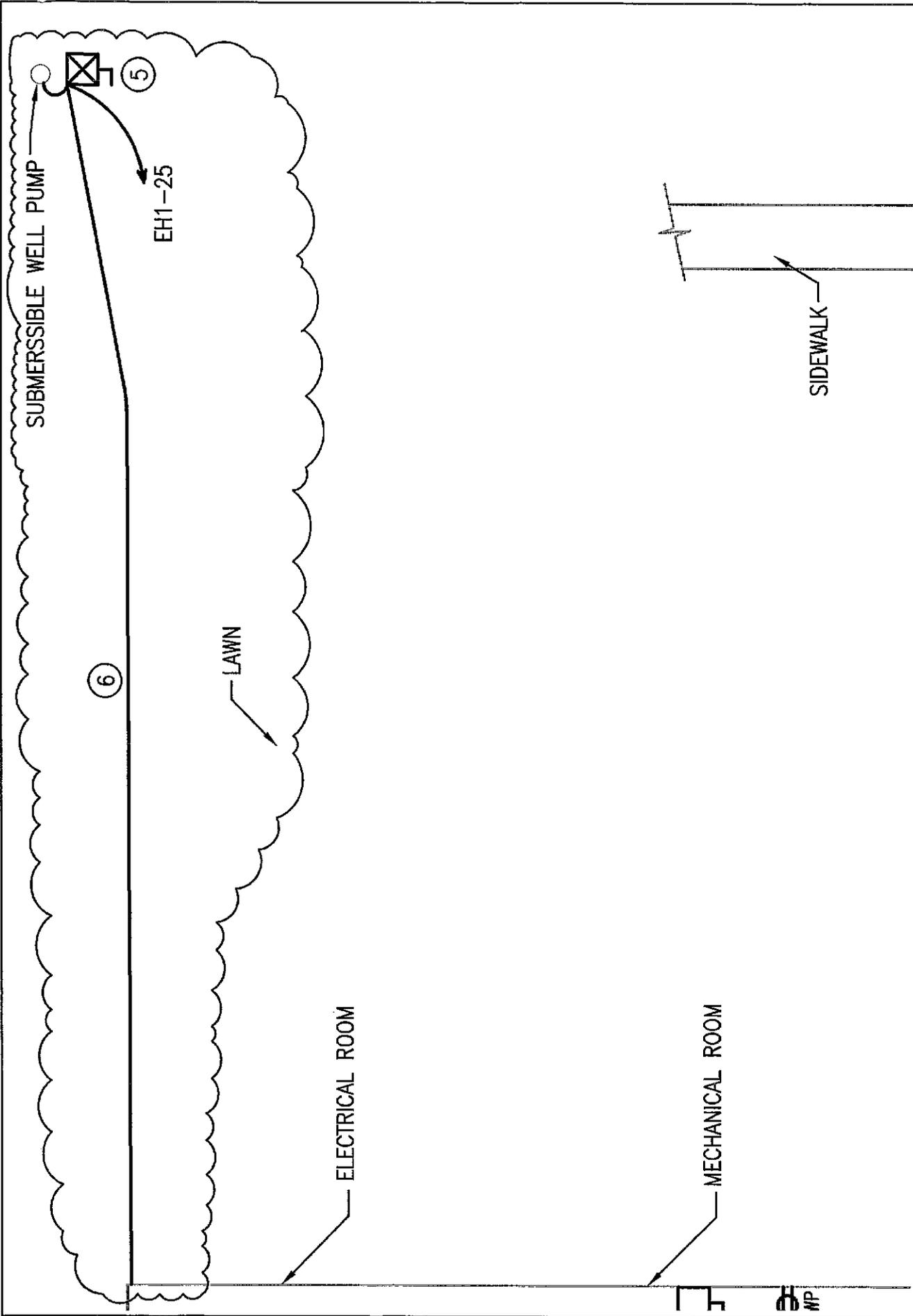
28



NEW WORK PLAN-POWER

SCALE 1/8" = 1'-0"



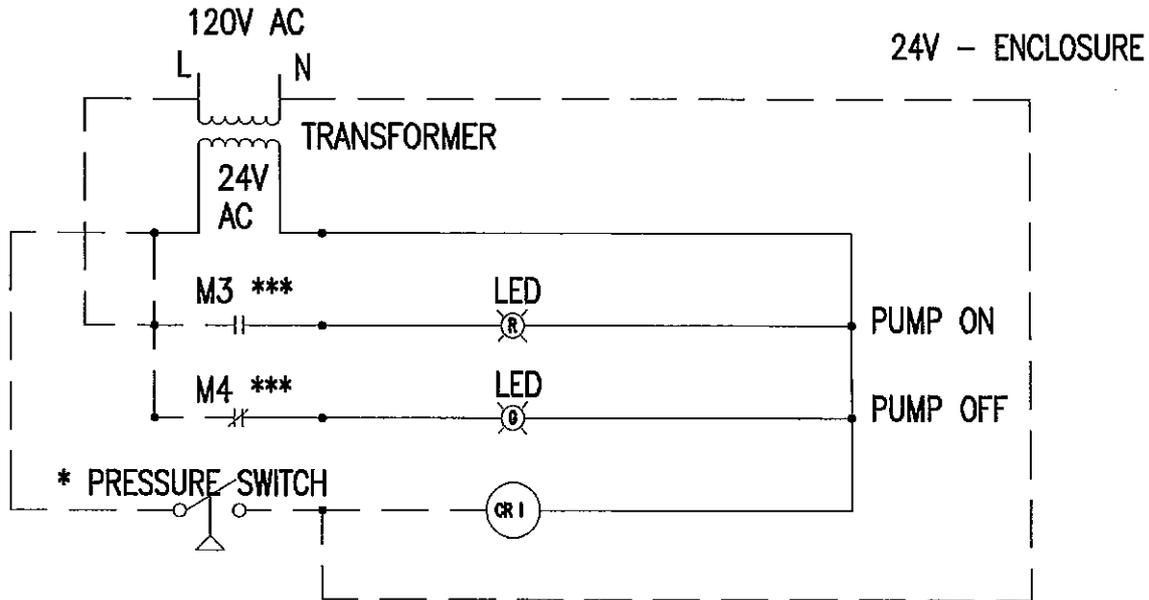


MAY 15, 2009

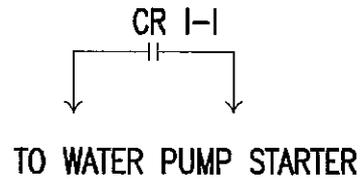
NICE BRIDGE ADMINISTRATION BUILDING HVAC PROJECT
 ADDENDUM - I; DRAWING E-7; SKETCH-14

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CIRCUIT FROM PANEL EL1

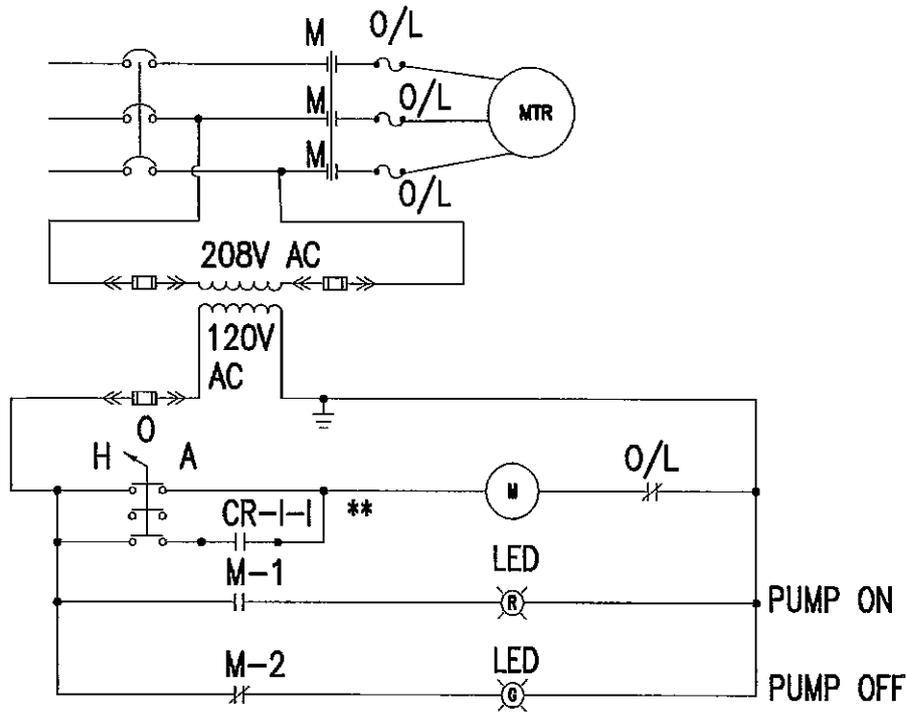


* DEVICE LOCATED AT WATER TANK.
*** DEVICE LOCATED AT PUMP STATION.

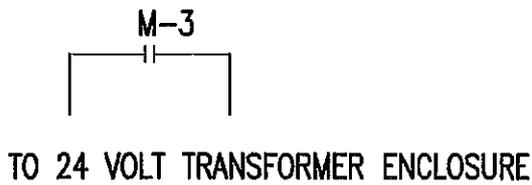


CONTROL SCHEMATICS FOR 24V TRANSFORMER ENCLOSURE

NOT TO SCALE



** DEVICE LOCATED AT 24V TRANSFORMER ENCLOSURE.



WATER PUMP CONTROL SCHEMATICS

NOT TO SCALE