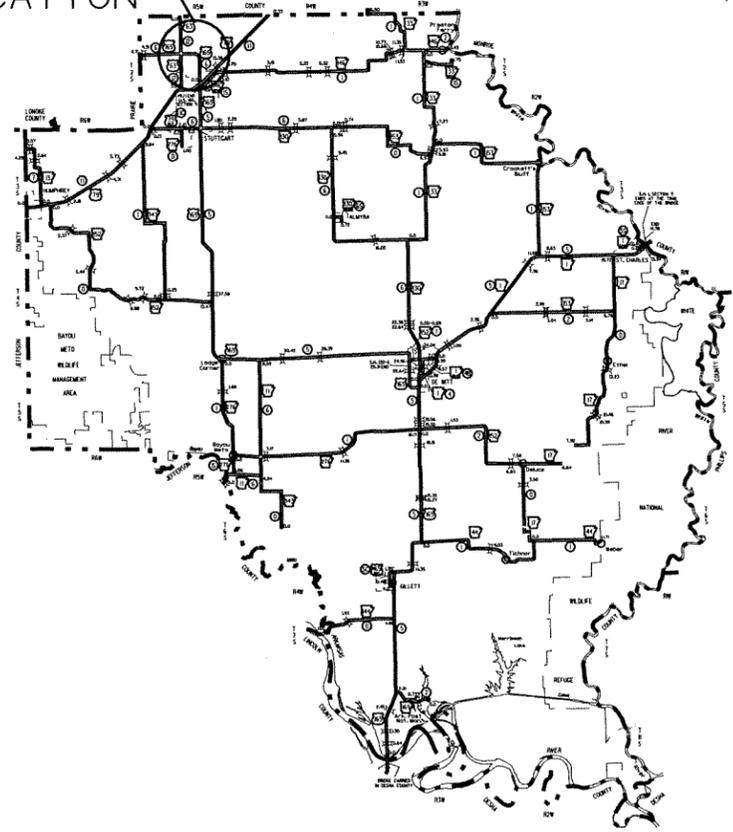


PROJECT  
LOCATION



VICINITY MAP

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT  
CONSTRUCTION PLANS FOR STATE HIGHWAY

ARKANSAS COUNTY AREA  
HEADQUARTERS  
(STUTTART) (S)

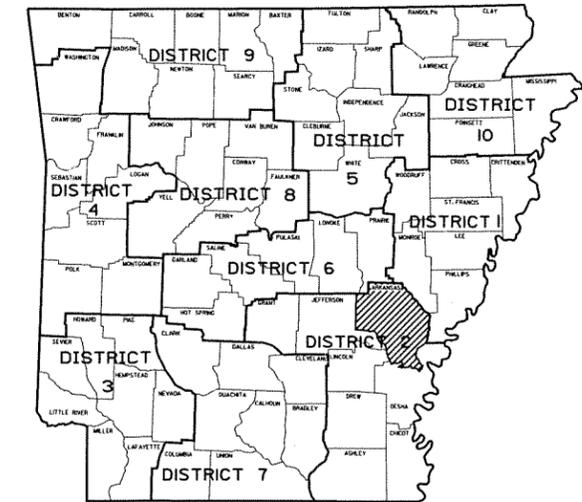
ARKANSAS COUNTY

ROUTE 165 SECTION 6

JOB 020512

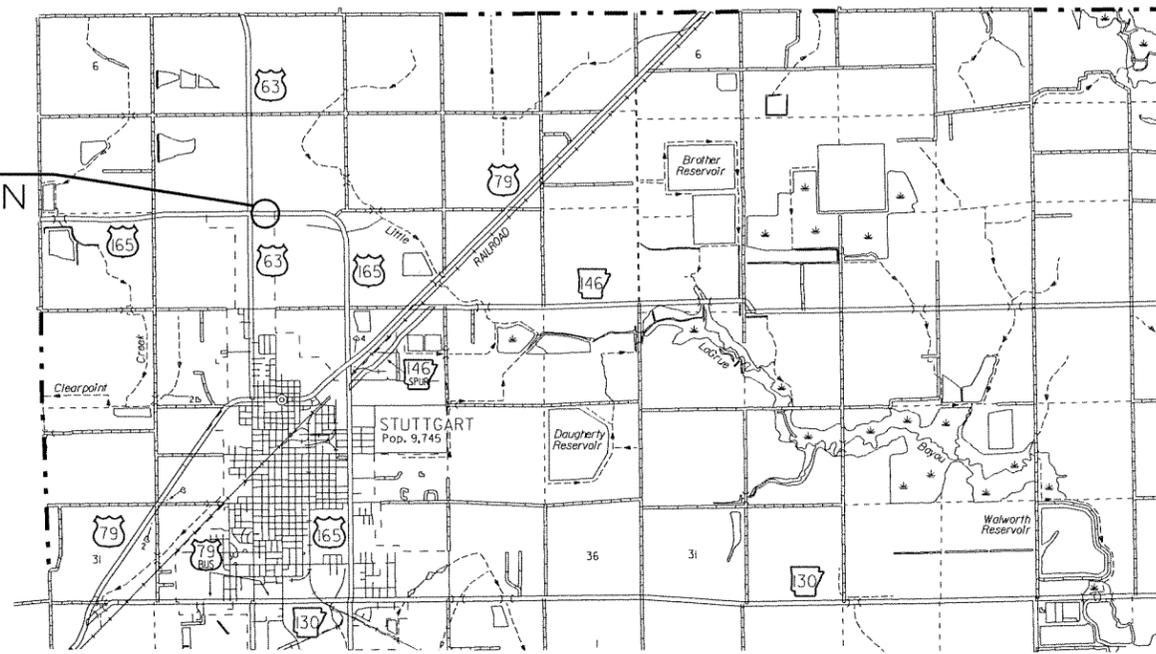
NOT TO SCALE

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		020512	1	24
4 ARKANSAS COUNTY AREA HEADQUARTERS (STUTTART) (S)								



ARK. HWY. DIST. NO. 2

PROJECT  
LOCATION



R 5 W

R 4 W

T  
N  
S



APPROVED



11/18/10  
DEPUTY DIRECTOR  
AND CHIEF ENGINEER

MID-POINT OF PROJECT  
LAT. = N 34°32' 14"  
LONG. = W 91°33' 17"

GROSS LENGTH OF PROJECT	0000.00	FEET	OR	0.000	MILES
NET " " BRIDGES	0.00	"	"	0.000	"
NET " " ROADWAY	0000.00	"	"	0.000	"
NET " " PROJECT	0000.00	"	"	0.000	"

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		020512	2	24

4 INDEX OF SHEETS, GOV. SPECS., SUMMARY OF QUANTITIES, REVISIONS



GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2003, AND THE FOLLOWING SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.

- |                 |  |
|-----------------|--|
| NUMBER          | TITLE  |
| ERRATA-----     | ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS               |
| SP 108-1-----   | LIQUIDATED DAMAGES   |
| SS 100-1-----   | REQUIRED CONTRACT PROVISIONS FOR STATE CONSTRUCTION JOBS     |
| SS 105-1-----   | CONSTRUCTION CONTROL MARKINGS                                |
| SS 105-2-----   | EQUIPMENT AND MATERIAL STORAGE ON BRIDGE STRUCTURES          |
| SS 107-1-----   | WORKER VISIBILITY  |
| JOB 020512----- | ARKANSAS COUNTY AREA HEADQUARTERS (STUTTGART) PROJECT MANUAL |
| JOB 020512----- | COORDINATION OF WORK   |
| JOB 020512----- | BUILDERS RISK INSURANCE                                      |
| JOB 020512----- | COMPETENCY OF BIDDERS  |
| JOB 020512----- | FLAGPOLE WITH FOUNDATION                                     |
| JOB 020512----- | INTERNET BIDDING   |

INDEX OF SHEETS			
SHEET NO.	TITLE	DATE	DRAWING NO.
1	TITLE SHEET	11-05-09	
2	INDEX OF SHEETS, GOVERNING SPECIFICATIONS, SUMMARY OF QUANTITIES, AND REVISIONS	12-13-11	Q-1
3	PLOT PLAN	05-19-11	PL-1
4	FOUNDATION PLAN	12-13-11	F-1
5	FOUNDATION DETAILS	07-28-10	F-2
6	FLOOR PLAN	07-28-10	A-1
7	ELEVATIONS	07-28-10	A-2
8	STORAGE AREA FRAMING	07-28-10	A-3
9	DETAILS	09-07-10	A-4
10	DETAILS	09-13-10	A-5
11	PLUMBING PLAN	05-19-11	P-1
12	PLUMBING RISER	05-19-11	P-2
13	PLUMBING SCHEDULE & PLUMBING DETAILS	05-23-11	P-3
14	MECHANICAL PLAN	07-29-10	M-1
15	FURNACE DETAILS & MECHANICAL SCHEDULE	08-02-10	M-2
16	LIGHTING PLAN	05-23-11	L-1
17	STORAGE AREA ELECTRICAL & LIGHTING PLAN	05-23-11	L-2
18	LIGHTING SCHEDULE, LEGEND & DETAILS	05-19-11	L-3
19	ELECTRICAL PLAN	05-23-11	E-1
20	ELECTRICAL RISER	05-23-11	E-2
21	PANEL BOARD SCHEDULE & LEGEND	09-29-10	E-3
22	WASH RACK DETAILS	09-28-10	WR-1
23	UNDERGROUND STORAGE TANK DETAILS (FOR REFERENCE ONLY)	07-28-10	UT-1
24	SEWER DETAILS (FOR REFERENCE ONLY)	10-07-10	S-1

SUMMARY OF QUANTITIES			
ITEM NO.	ITEM	QUANTITY	UNIT
210	UNCLASSIFIED EXCAVATION	1,363	CY
SP&302	SELECTED MATERIAL (CLASS SM-4)	1,946	CY
601	MOBILIZATION	1.00	LUMP SUM
621	SILT FENCE	1,000	LF
SP	ARKANSAS COUNTY AREA HEADQUARTERS (STUTTGART)	1.00	LUMP SUM
SP	FLAGPOLE WITH FOUNDATION	1	Each

REVISIONS		
DATE	DESCRIPTION	SHEET NO.
12-13-11	UNCLASSIFIED EXCAVATION, SELECTED MATERIAL (CLASS SM-4),	2
12-13-11	SPREAD FOOTINGS	4

PROPOSED PLANS FOR A. H. T. D.

**ARKANSAS COUNTY**

**AREA HEADQUARTERS**

STUTTGART, ARKANSAS

---

ARKANSAS COUNTY, DISTRICT #2

INDEX OF SHEETS, SUMMARY OF QUANTITIES  
GOVERNING SPECIFICATIONS, & REVISIONS

ORIGINAL CONSTRUCTION DATE : \_\_\_\_\_

PLAN UPDATED : 12-13-11

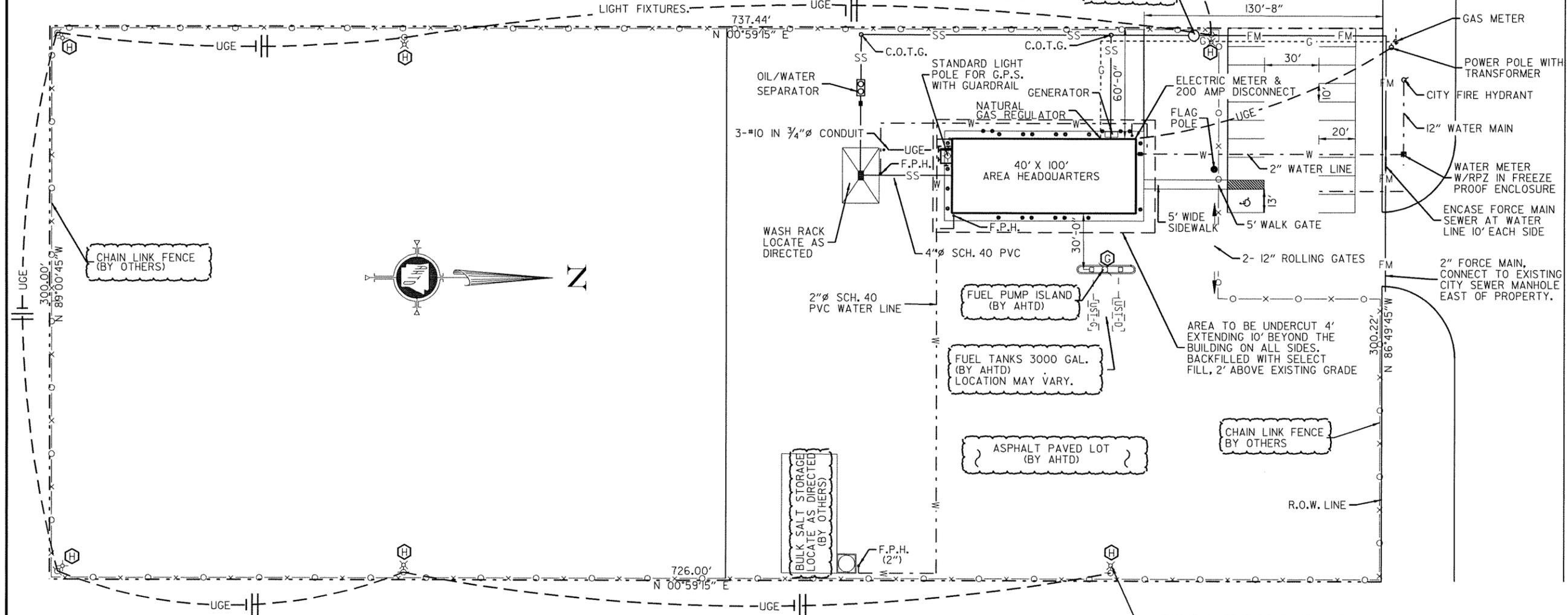
DRAWING NO. **Q-1**

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	3	24

- NOTES:**
1. FENCE AND RELATED ITEMS, (GATES, ETC.) ARE PROVIDED BY OTHERS.
  2. PARKING LOT AND DRIVES BY AHTD.
  3. FUEL TANKS AND RELATED ITEMS BY AHTD.
  4. UTILITY LOCATIONS MAY VARY DUE TO SITE CONDITIONS.
  5. CONTRACTORS MUST OBTAIN ALL PERMITS AND RELATED REQUIREMENTS. SEE SPECIFICATIONS.
  6. ENCASUREMENT IS REQUIRED FOR UNDERGROUND UTILITIES WHERE INSTALLATION IS BELOW HEAVY TRAFFIC LOCATIONS.
  7. LOCATIONS SHOWN ARE APPROXIMATE AND MAY VARY DUE TO SITE CONDITIONS OR AS DIRECTED.
  8. THE CONTRACTOR IS TO BE RESPONSIBLE FOR LOCATING AND AVOIDING ALL EXISTING UTILITIES. ANY DAMAGES DURING CONSTRUCTION ARE TO BE REPAIRED @ NO COST TO THE AHTD.
  9. ALL PLUMBING WORK IS TO CONFORM W/ARKANSAS STATE PLUMBING CODE, LATEST EDITION.
  10. ALL ELECTRICAL WORK IS TO CONFORM W/ NATIONAL ELECTRIC CODE, LATEST EDITION, AND LOCAL UTILITIES.
  11. SANITARY SEWER INSTALLATIONS ARE TO CONFORM WITH ALL DEPT. OF HEALTH, ARK. STATE PLUMBING CODE REGULATIONS AND ANY OTHER LOCAL REQUIREMENTS.

12. 1" CONDUIT WITH PULL ROPE, AND 4" GRAVITY SEWER LINE IS TO BE TERMINATED @ THE SEWER LIFT STATION
13. REMOVE 4 FEET OF MATERIAL BELOW THE BUILDING FOOTPRINT AND EXTENDING 10 FEET BEYOND THE PERIMETER OF THE BUILDING. REPLACE THE MATERIAL REMOVED WITH MATERIAL MEETING THE MINIMUM REQUIREMENTS OF CLASS SM-4 (SECTION 302, AHTD STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2003 ED).
14. SM-4 SELECT MATERIAL SHOULD BE PLACED TO BRING THE FINAL BUILDING PAD 2 FEET ABOVE EXISTING GRADE.
15. THE SELECT SM-4 MATERIAL MAY BE SLOPED BACK TO NATURAL GRADE NO STEEPER THAN 2H:1V. 18" CLAY PLATING SHALL THEN BE PLACED ON THE BACKFILL THAT FALLS OUTSIDE OF THE BUILDING PERIMETER.
16. CLAY PLATING SHALL BE A MINIMUM OF 18" THICK AND SHALL HAVE A PLASTICITY INDEX BETWEEN 6 AND 25.
17. CLAY PLATING SHALL BE QUANTIFIED AND PAID FOR AS "SELECT MATERIAL (CLASS SM-4)".
18. SELECT FILL SHALL BE PLACED IN CONTINUOUS HORIZONTAL LIFTS OF 8 IN MAX AND SHALL BE COMPACTED TO 95% STANDARD PROCTOR.
19. ALL FREEZE PROOF HYDRANTS ARE 1/2" Ø UNLESS OTHERWISE NOTED.
20. CIRCUIT B-3 IS TO CONSIST OF 220V, W/NEUTRAL; HOWEVER ONLY ONE LEG OF 220V IS TO BE USED. OTHER LEG IS TO BE CONTINUOUS THROUGH LIGHTING RUN, AND CAPPED OFF AT END. THE INTENT IS FOR POSSIBLE REPLACEMENT LIGHT FIXTURES.

4 PLOT PLAN



**PLOT PLAN (5.0 ± ACRES)**  
SCALE : 1" = 30'-0"

PROPOSED PLANS FOR A. H. T. D.

**ARKANSAS COUNTY**  
**AREA HEADQUARTERS**  
STUTTART, ARKANSAS

ARKANSAS COUNTY, DISTRICT #2

PLOT PLAN

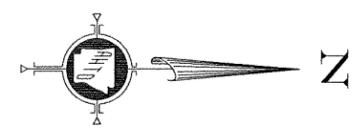
DATE : 04-26-10

REVISION : 05-19-11

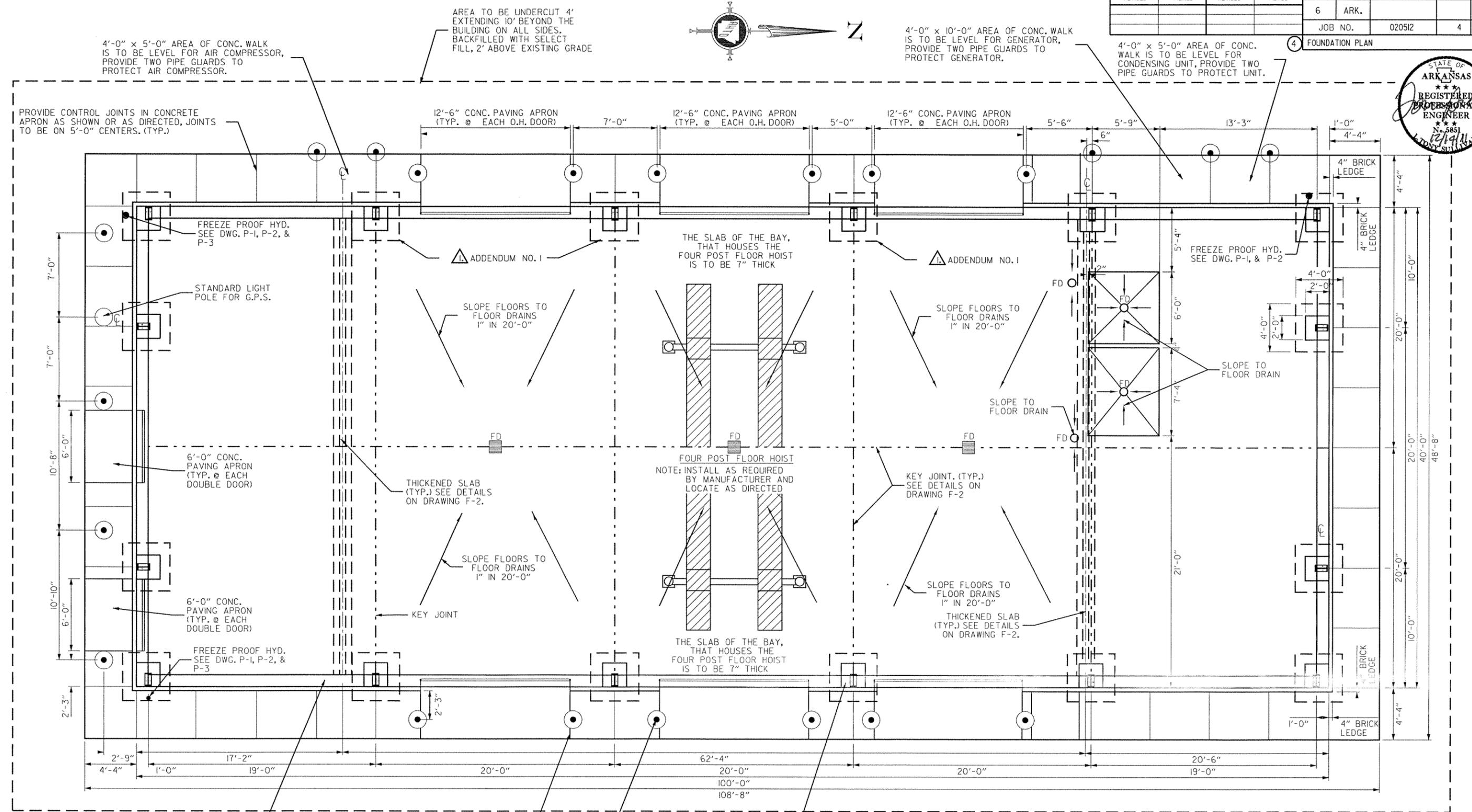
DRAWING NO. **PL-1**

ADDRESS IS  
985 HWY. 165 BYPASS  
STUTTART, AR 72160

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		4	24
				JOB NO.	020512		4	24



4 FOUNDATION PLAN



AREA TO BE UNDERCUT 4' EXTENDING 10' BEYOND THE BUILDING ON ALL SIDES. BACKFILLED WITH SELECT FILL, 2" ABOVE EXISTING GRADE

4'-0" x 10'-0" AREA OF CONC. WALK IS TO BE LEVEL FOR GENERATOR, PROVIDE TWO PIPE GUARDS TO PROTECT GENERATOR.

4'-0" x 5'-0" AREA OF CONC. WALK IS TO BE LEVEL FOR CONDENSING UNIT, PROVIDE TWO PIPE GUARDS TO PROTECT UNIT.

PROVIDE CONTROL JOINTS IN CONCRETE APRON AS SHOWN OR AS DIRECTED, JOINTS TO BE ON 5'-0" CENTERS. (TYP.)

FREEZE PROOF HYD. SEE DWG. P-1, P-2, & P-3

STANDARD LIGHT POLE FOR G.P.S.

ADDENDUM NO. 1

THE SLAB OF THE BAY, THAT HOUSES THE FOUR POST FLOOR HOIST IS TO BE 7" THICK

ADDENDUM NO. 1

FREEZE PROOF HYD. SEE DWG. P-1, & P-2

SLOPE FLOORS TO FLOOR DRAINS 1" IN 20'-0"

SLOPE FLOORS TO FLOOR DRAINS 1" IN 20'-0"

SLOPE TO FLOOR DRAIN

6'-0" CONC. PAVING APRON (TYP. @ EACH DOUBLE DOOR)

THICKENED SLAB (TYP.) SEE DETAILS ON DRAWING F-2.

FOUR POST FLOOR HOIST  
NOTE: INSTALL AS REQUIRED BY MANUFACTURER AND LOCATE AS DIRECTED

KEY JOINT. (TYP.) SEE DETAILS ON DRAWING F-2

6'-0" CONC. PAVING APRON (TYP. @ EACH DOUBLE DOOR)

SLOPE FLOORS TO FLOOR DRAINS 1" IN 20'-0"

SLOPE FLOORS TO FLOOR DRAINS 1" IN 20'-0"

THICKENED SLAB (TYP.) SEE DETAILS ON DRAWING F-2.

FREEZE PROOF HYD. SEE DWG. P-1, P-2, & P-3

THE SLAB OF THE BAY, THAT HOUSES THE FOUR POST FLOOR HOIST IS TO BE 7" THICK

CONTINUOUS GRADE BEAM SEE DETAILS ON DRAWING F-2

PROVIDE 3/4" EXPANSION JOINT BETWEEN CONCRETE PAVING @ O.H. DOORS AND APRON (TYP.)

6" PIPE GUARD (TYP.) SEE DETAILS ON DWG F-2

BUILDING PIER SEE DETAILS ON DRAWING F-2.

AREA TO BE UNDERCUT 4' EXTENDING 10' BEYOND THE BUILDING ON ALL SIDES. BACKFILLED WITH SELECT FILL, 2" ABOVE EXISTING GRADE

- NOTES 1. FOUNDATION DETAILS AND DIMENSIONS ARE SUBJECT TO BUILDING MANUFACTURER REQUIREMENTS, & STAMPED BY P.E.  
 2. SEE DRAWING F-2 FOR MORE FOUNDATION DETAILS.  
 3. PLUMBING, ELECTRICAL AND MECHANICAL EQUIPMENT ARE NOT SHOWN ON THIS PLAN SHEET, AND MAY REQUIRE OPENINGS IN FOUNDATION. SEE RELATED PLAN SHEETS FOR DETAILS.  
 4. SEE SPECIFICATIONS FOR DESCRIPTION OF MATERIAL TO BE USED.  
 5. ALL PENETRATIONS THROUGH GRADE BEAM OR FLOOR SLAB TO BE SLEEVED IN AN APPROVED MANNER.

# FOUNDATION PLAN

1/4" = 1'-0"

PROPOSED PLANS FOR A. H. T. D.  
**ARKANSAS COUNTY #1**  
**AREA HEADQUARTERS**  
 STUTTGART, ARKANSAS

ARKANSAS COUNTY, DISTRICT #2

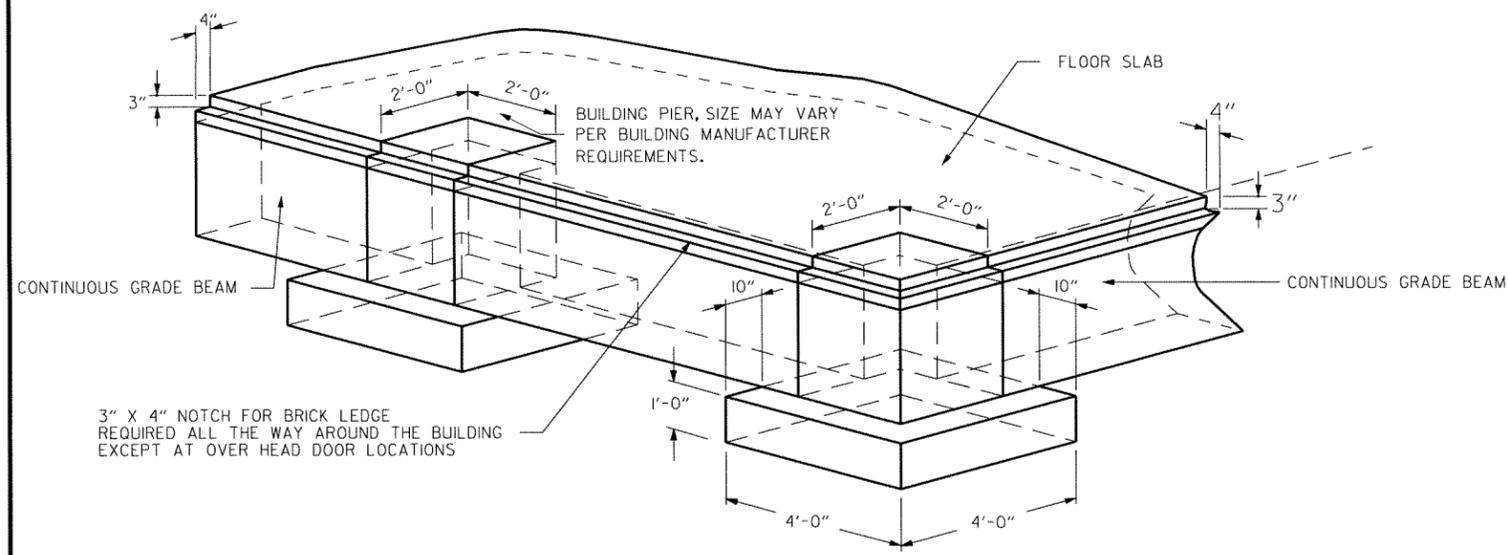
FOUNDATION PLAN

DATE: \_\_\_\_\_ REVISED: 12-13-11

DRAWING NO. **F-1**

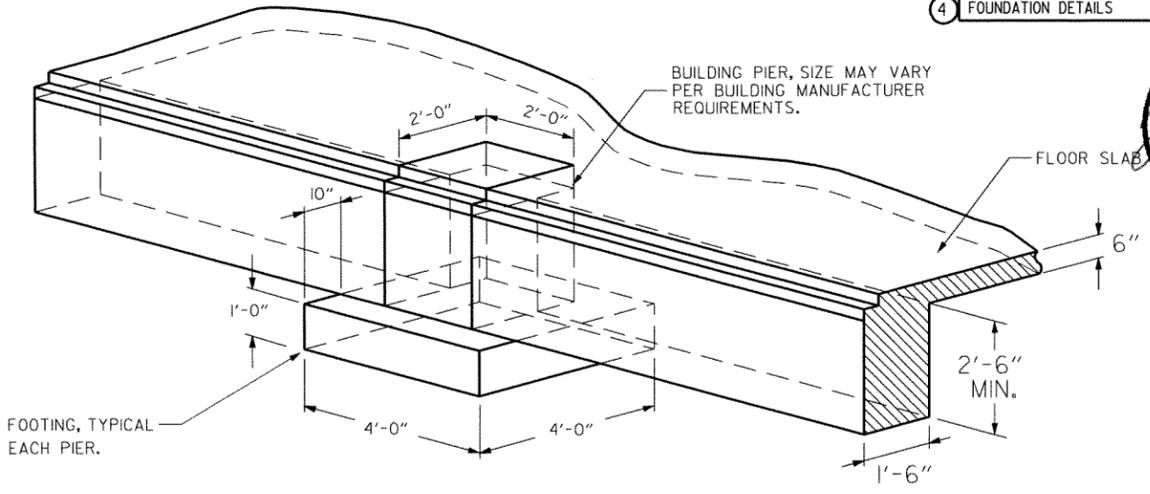
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				6	ARK.			
				JOB NO.	020512		5	24

4 FOUNDATION DETAILS



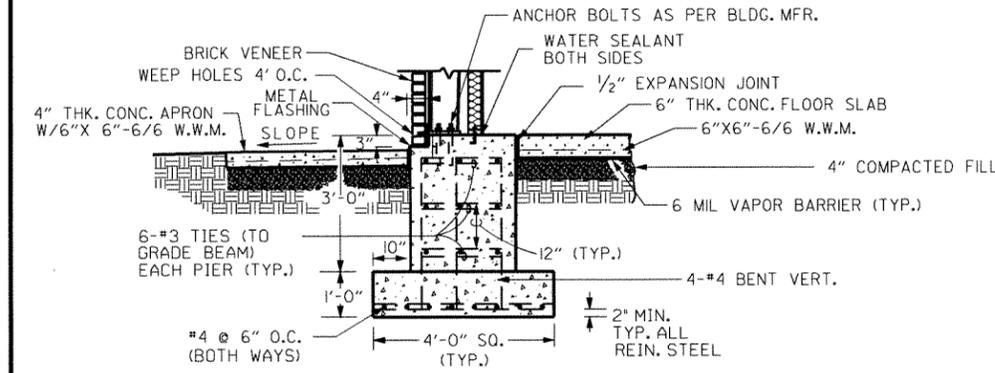
**TYP. ISOMETRIC VIEW @ CORNER PIER**

1/2" = 1'-0"



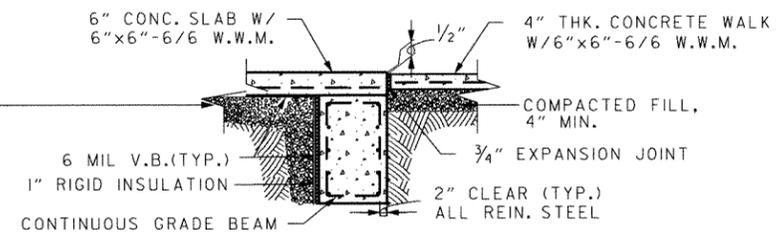
**TYP. ISOMETRIC VIEW @ INLINE PIER**

1/2" = 1'-0"



**TYP. SECTION @ PIER**

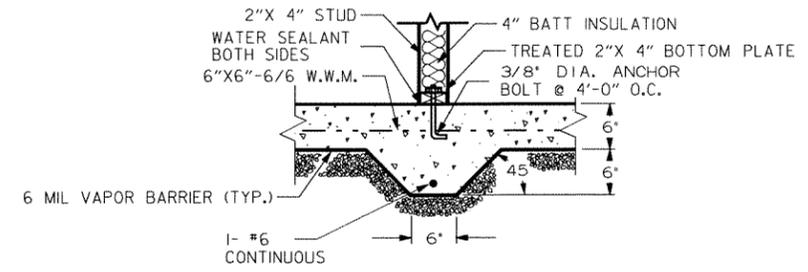
1/2" = 1'-0"



**TYP. SECTION @ ENTRANCE DOOR**

1/2" = 1'-0"

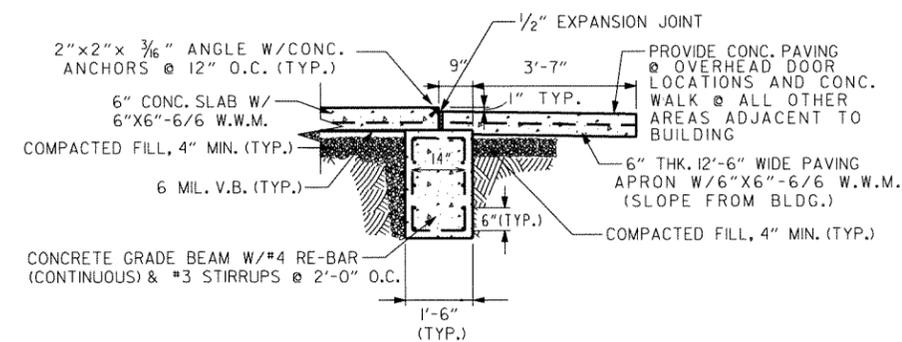
NOTE: DOOR JAMB & THRESHOLD ARE NOT SHOWN IN DETAIL.



**TYP. SECTION @ THICKENED SLAB**

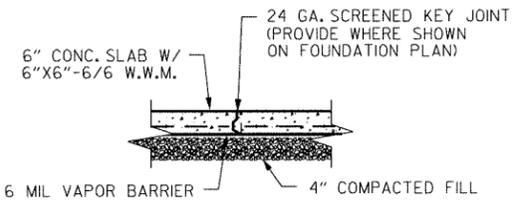
1" = 1'-0"

NOTE: CENTER INTERIOR WALLS ON THICKENED SLAB AS SHOWN.



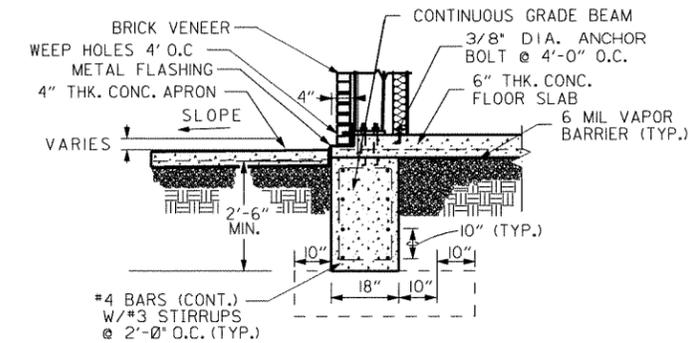
**TYP. SECTION @ OVERHEAD DOOR**

1/2" = 1'-0"



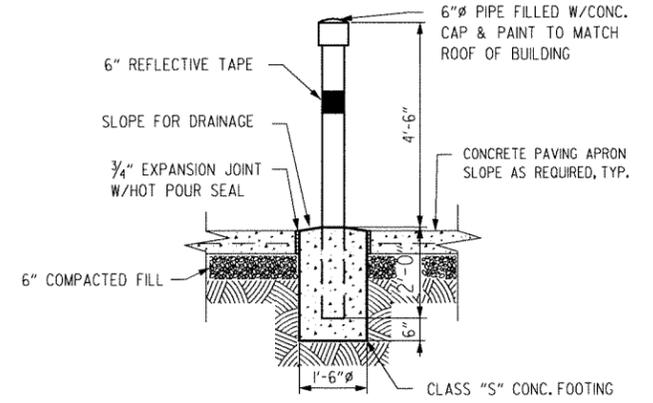
**TYP. SECTION @ KEY JOINT**

1/2" = 1'-0"



**TYP. SECTION @ GRADE BEAM**

1/2" = 1'-0"



**TYP. PIPE GUARD DETAIL**

1/2" = 1'-0"

**NOTES:**

1. ALL FOUNDATION DETAILS ARE SUBJECT TO BUILDING MANUFACTURER'S REQUIREMENTS.
2. SEE SPECIFICATIONS FOR DESCRIPTION OF MATERIALS TO BE USED.
3. ALL FILL MATERIAL UNDER SLAB IS TO BE COMPACTED AS SPECIFIED.
4. CONCRETE WALKS ADJACENT TO BUILDING ARE TO HAVE 6"X6"-6/6 W.W.M. THROUGHOUT.
5. ALL PENETRATIONS THROUGH GRADE BEAM OR FLOOR SLAB ARE TO BE SLEEVED IN AN APPROVED MANNER.
6. CONCRETE APRONS ARE TO HAVE "BROOM" FINISH AND ARE TO SLOPE FROM BUILDING.

PROPOSED PLANS FOR A. B. T. D.

**ARKANSAS COUNTY #1**

**AREA HEADQUARTERS**

STUTT GART, ARKANSAS

ARKANSAS COUNTY, DISTRICT #2

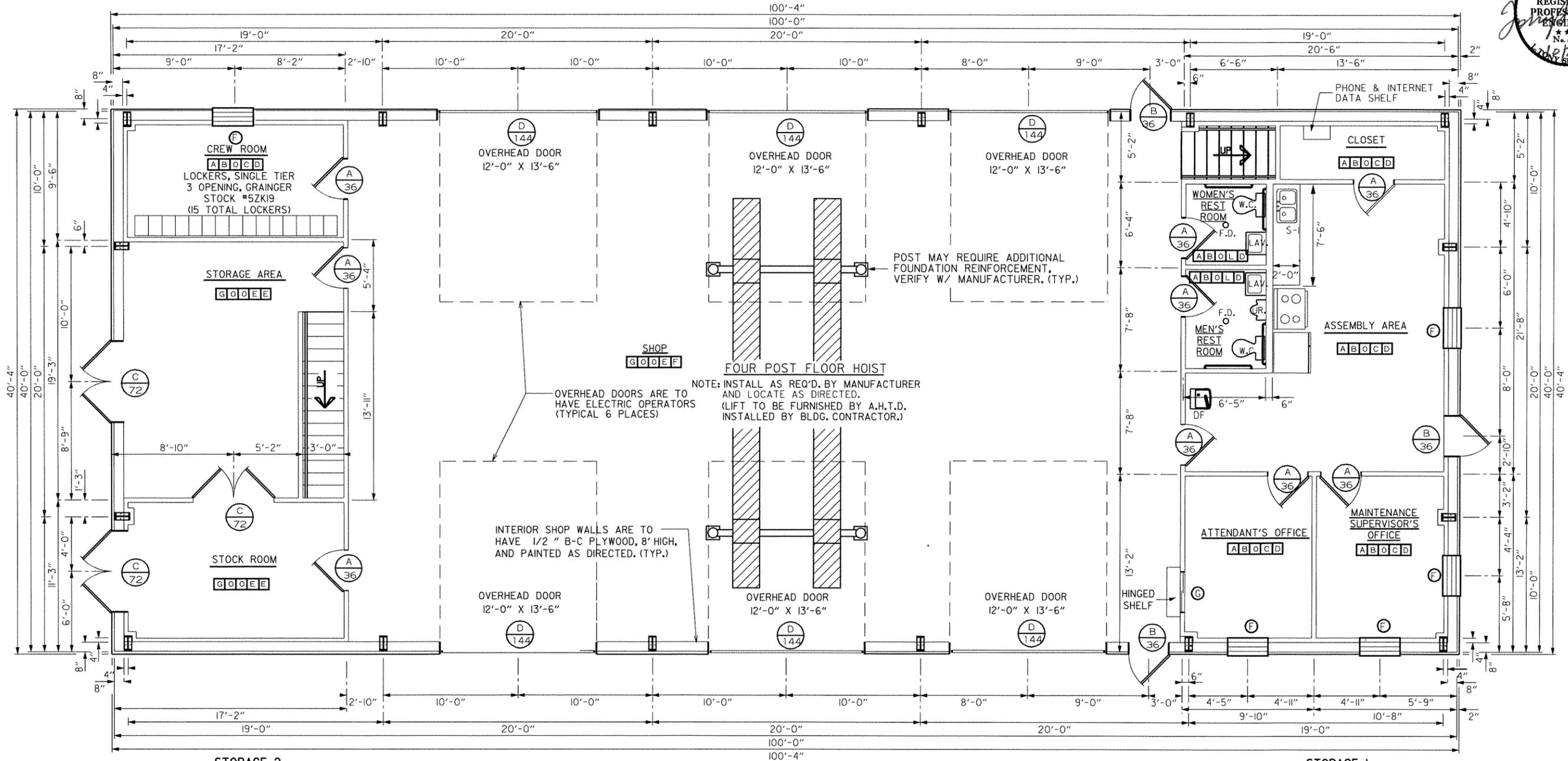
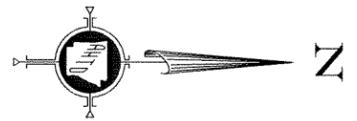
FOUNDATION DETAILS

DATE: \_\_\_\_\_ REVISED: 07-28-10

DRAWING NO. **F-2**

- NOTES:**
1. DIMENSIONS SHOWN ARE "NOMINAL".
  2. PLYWOOD ON WALLS IN SHOP TO BE B-C.
  3. REFER TO DRAWING A-5 FOR CABINET DETAILS.
  4. REFER TO DRAWING A-5 FOR DOOR AND WINDOW SCHEDULE.
  5. STAIRWELL TO HAVE 1/2" B-C PLYWOOD, WOOD STEPS, 1 1/2" Ø RAILING 1 1/2" FROM WALL. SEE DWG. A-4 FOR STAIR DETAILS.
  6. RESTROOMS ARE TO BE ADA COMPLIANT.

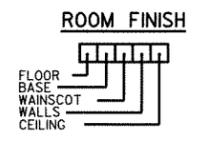
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	6	24
4 FLOOR PLAN								



STORAGE 2  
H O O M F

STORAGE 1  
H O O M F

**FLOOR PLAN**  
1/4" = 1'-0"



MARK	DESCRIPTION
O	NONE
A	VINYL COMP. TILE
B	VINYL BASE
C	5/8" SHEET ROCK
D	DROP CEILING
E	1/2" PLYWOOD (PAINTED)
F	STRUCT. STL. (PAINTED)
G	FINISHED CONC.
H	3/4" PLYWOOD (UNPAINTED)
J	1 1/2" METAL RAILING
K	1" X 4" TRIM BOARD
L	KEMPLY FRP PANEL, .09" FRP PANEL, 1/4" SUBSTRATE
M	1/2" PLYWOOD 4' TALL (PAINTED)

PROPOSED PLANS FOR A.H.T.D.

**ARKANSAS COUNTY #1**

**AREA HEADQUARTERS**

STUTT GART, ARKANSAS

ARKANSAS COUNTY, DISTRICT #2

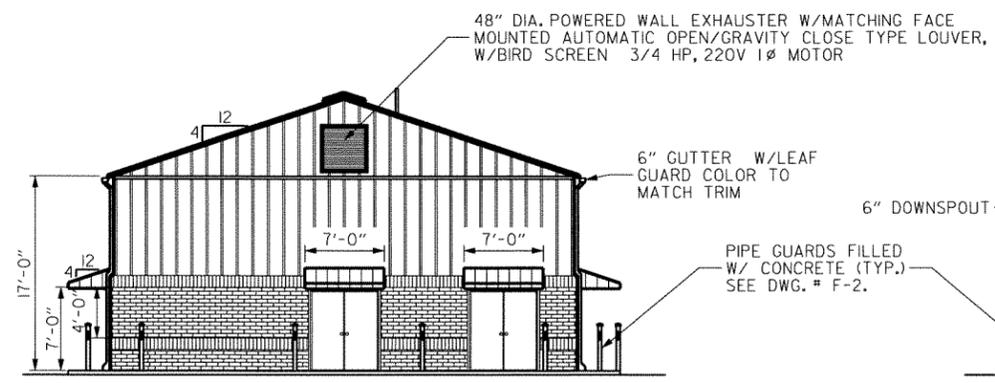
FLOOR PLAN

DATE: \_\_\_\_\_ PLAN UPDATED: 07-28-10

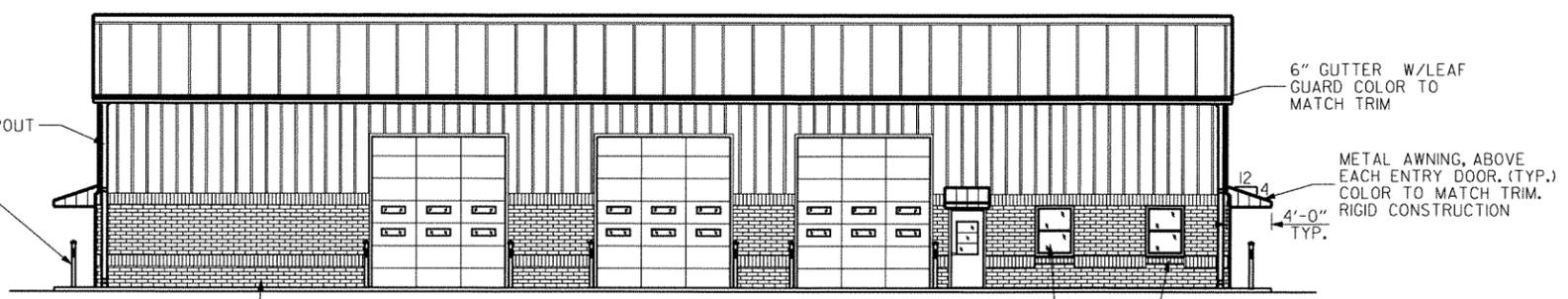
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DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	7	24

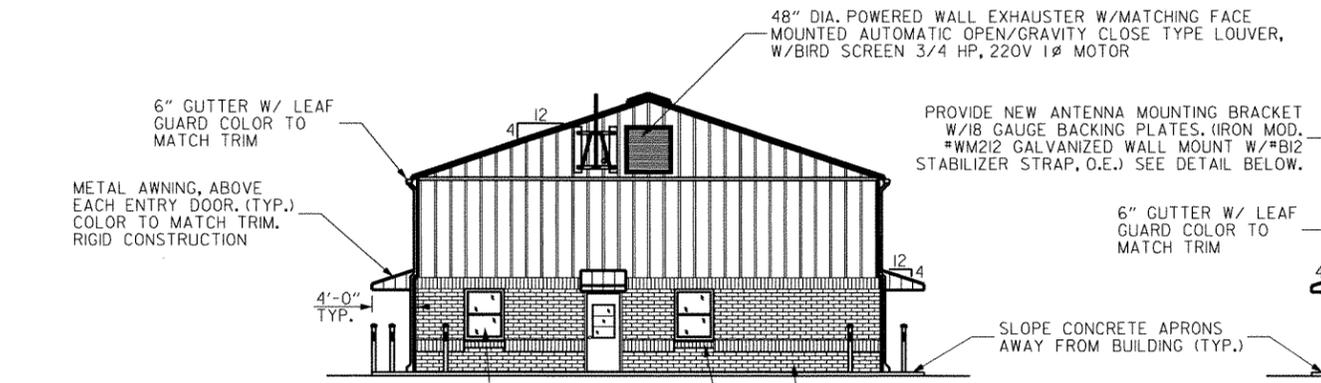
4 ELEVATIONS



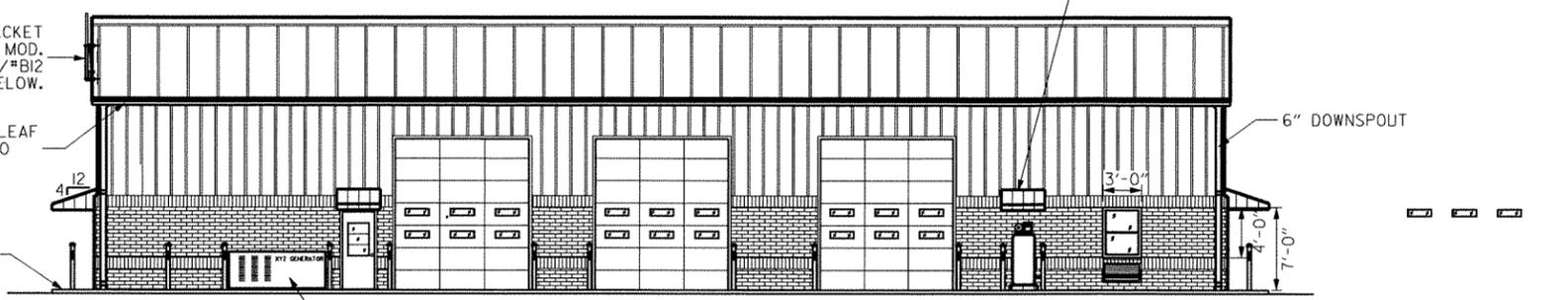
**SOUTH ELEVATION**  
1/8" = 1'-0"



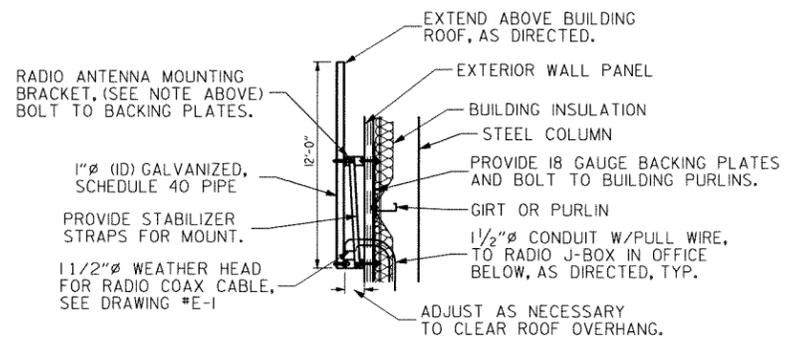
**EAST ELEVATION**  
1/8" = 1'-0"



**NORTH ELEVATION**  
1/8" = 1'-0"



**WEST ELEVATION**  
1/8" = 1'-0"



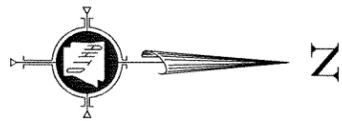
**NOTE:** ANTENNA MOUNTING BRACKET IS TO BE INSTALLED AS NECESSARY TO PREVENT INTRUSION OF WATER INTO BUILDING.

**ANTENNA MOUNT DETAIL**  
N.T.S.

**NOTES:** 1. ALL ELECTRICAL AND MECHANICAL EQUIPMENT ARE NOT SHOWN ON THIS DRAWING.

PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTT GART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
ELEVATIONS	<b>A-2</b>
DATE : _____	PLAN UPDATED : 07-28-10

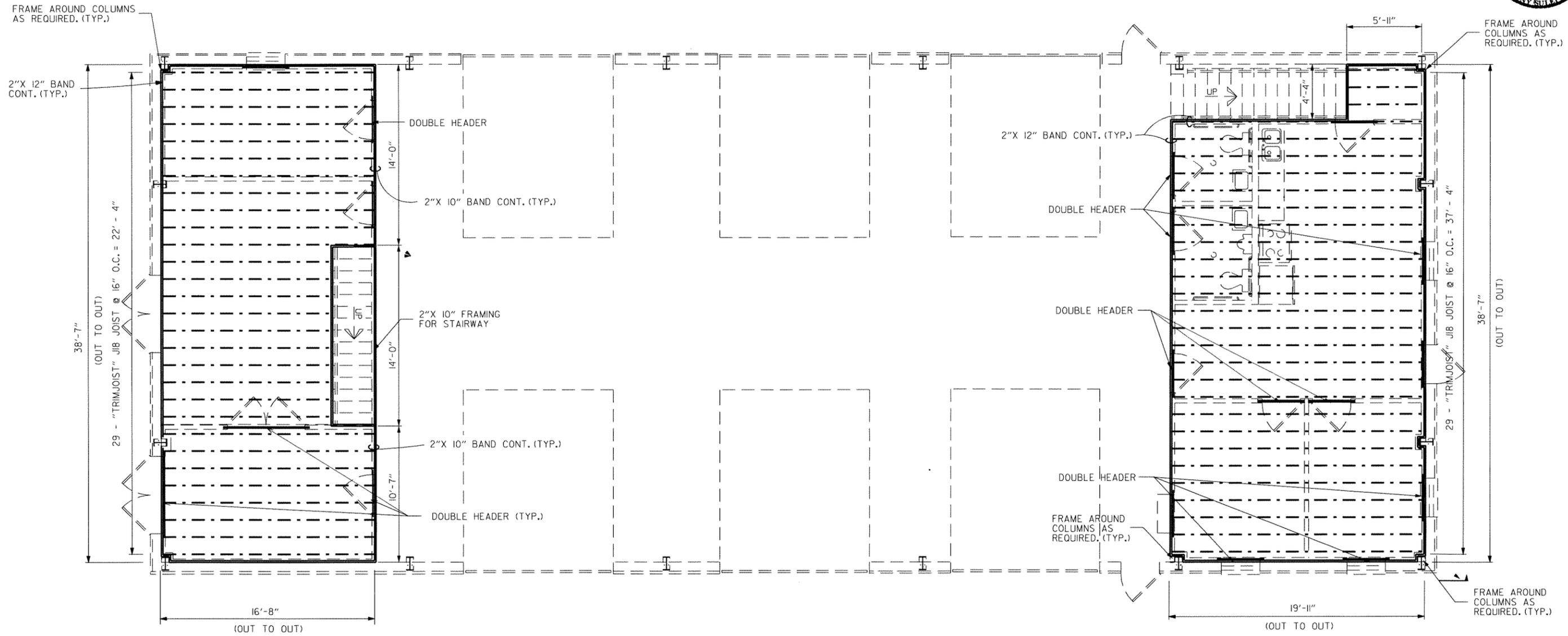
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	8	24



4 STORAGE AREA FRAMING



- NOTES:**
1. ALL STORAGE AREA JOIST ARE TO BE "TRIMJOIST" JIB O.E.
  2. DIMENSIONS SHOWN ARE "NOMINAL"
  3. CONSTRUCTION MUST MEET OR EXCEED ALL LOCAL AND STATE BUILDING CODES.
  4. SEE DRAWING A-4, & A-5 FOR FRAMING DETAILS, WALL SECTIONS AND INTERIOR ELEVATIONS.



STORAGE AREA 2

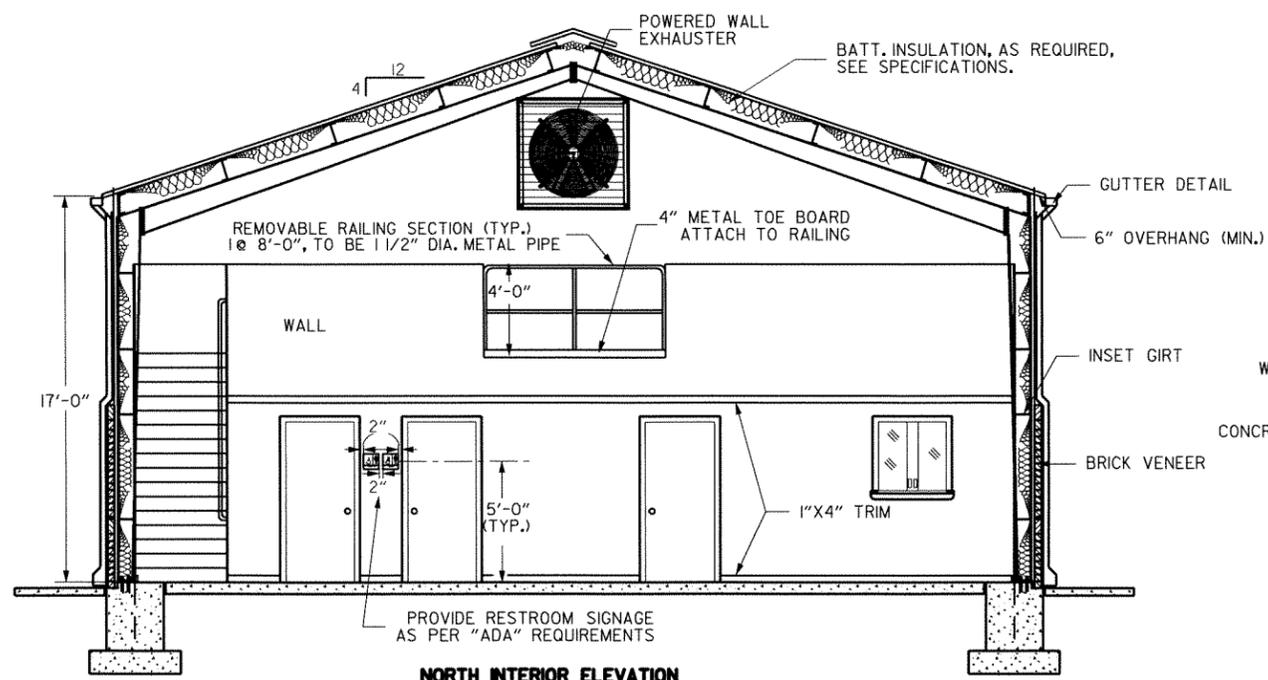
**STORAGE AREA FRAMING PLAN**  
1/4" = 1'-0"

STORAGE AREA 1

PROPOSED PLANS FOR A.R.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
STORAGE AREA FRAMING	<b>A-3</b>
DATE : _____	

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO. 020512							9	24

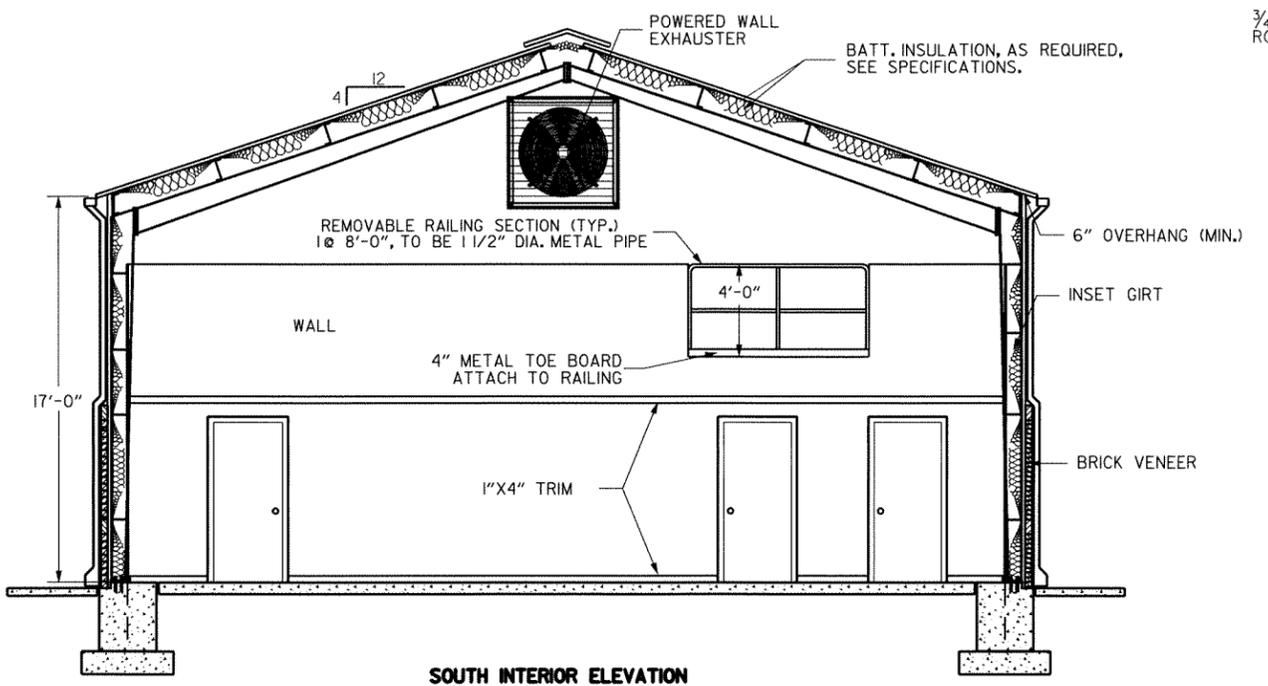
4 DETAILS



**NORTH INTERIOR ELEVATION**

1/4" = 1'-0"

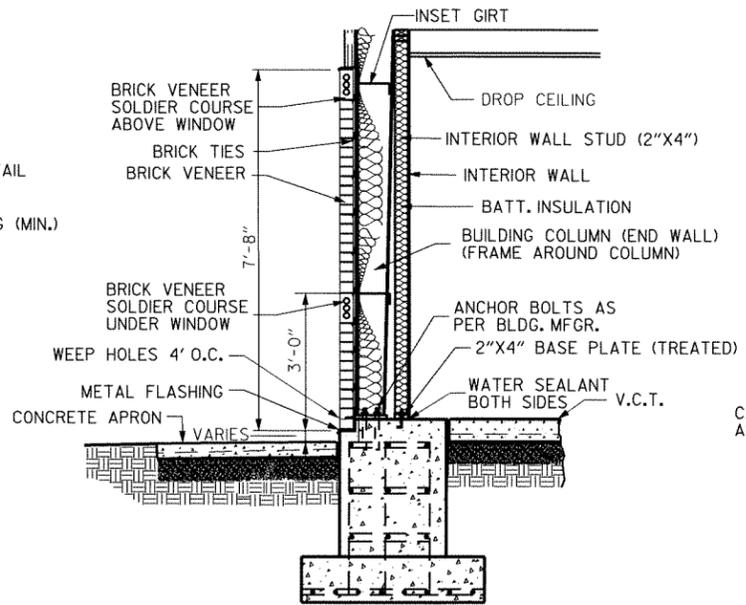
NOTE: RAILS IN STORAGE AREA ARE SIMILAR IN DETAILS, SEE FLOOR PLAN FOR RAIL LOCATIONS.



**SOUTH INTERIOR ELEVATION**

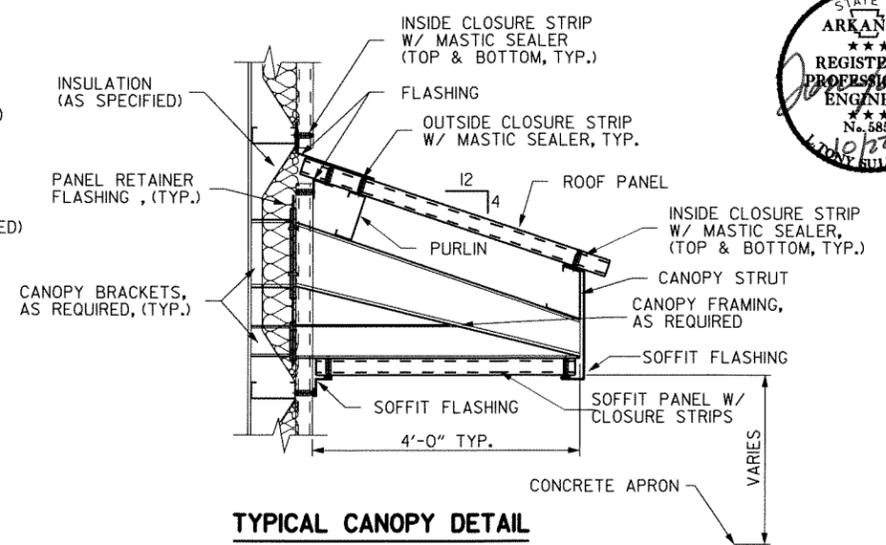
1/4" = 1'-0"

NOTE: RAILS IN STORAGE AREA ARE SIMILAR IN DETAILS, SEE FLOOR PLAN FOR RAIL LOCATIONS.



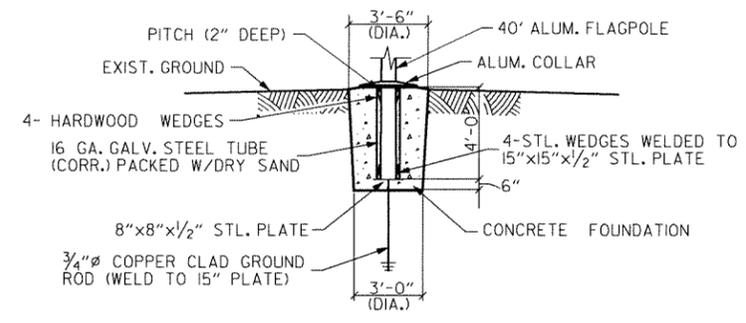
**WALL SECTION @ PIER**

1/2" = 1'-0"



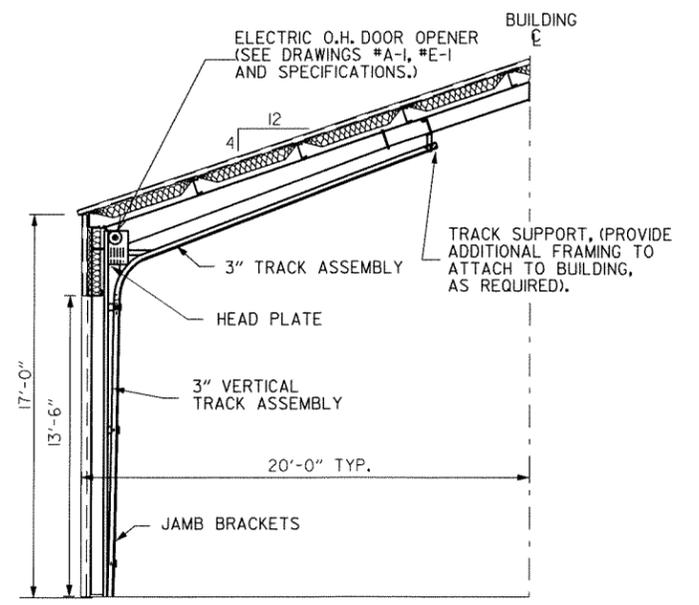
**TYPICAL CANOPY DETAIL**

3/4" = 1'-0"



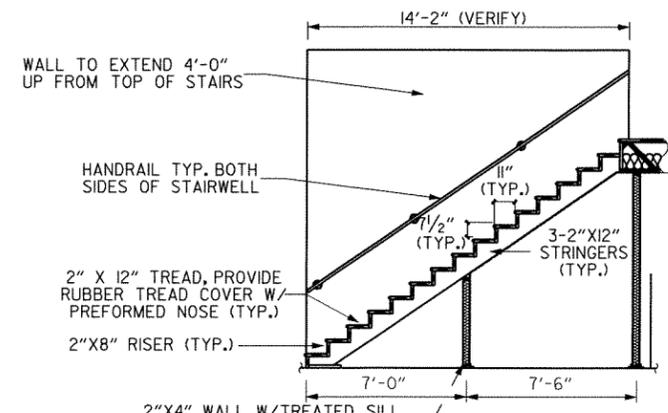
**FLAGPOLE FOUNDATION DETAIL**

N.T.S.



**TYPICAL OVERHEAD DOOR LIFT TRACK DETAIL**

(FOLLOW CONTOUR OF ROOF O.H. DOOR TRACK ONLY)  
SCALE: 1/4" = 1'-0"



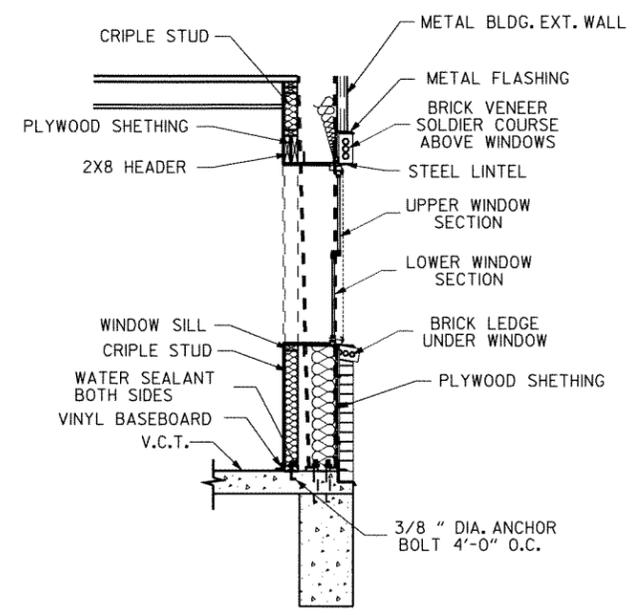
**STAIR DETAIL**

1/4" = 1'-0"

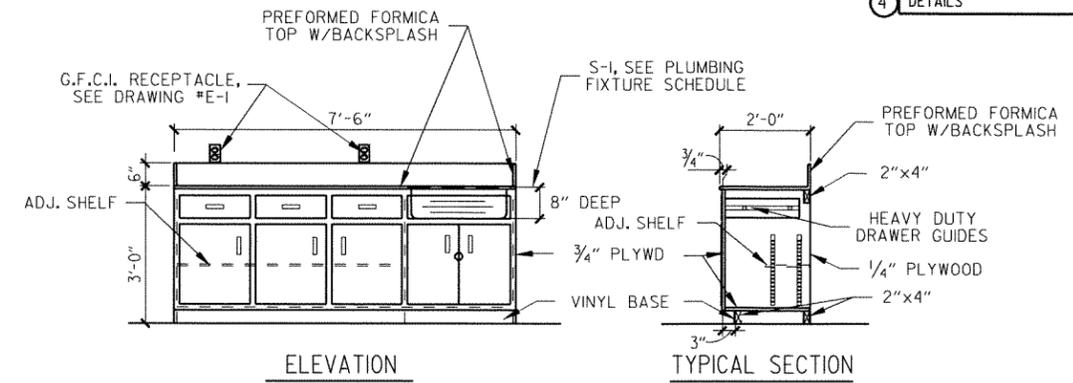
PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
DETAILS	<b>A-4</b>
DATE: _____	PLAN UPDATED: 09-07-10

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	10	24

4 DETAILS



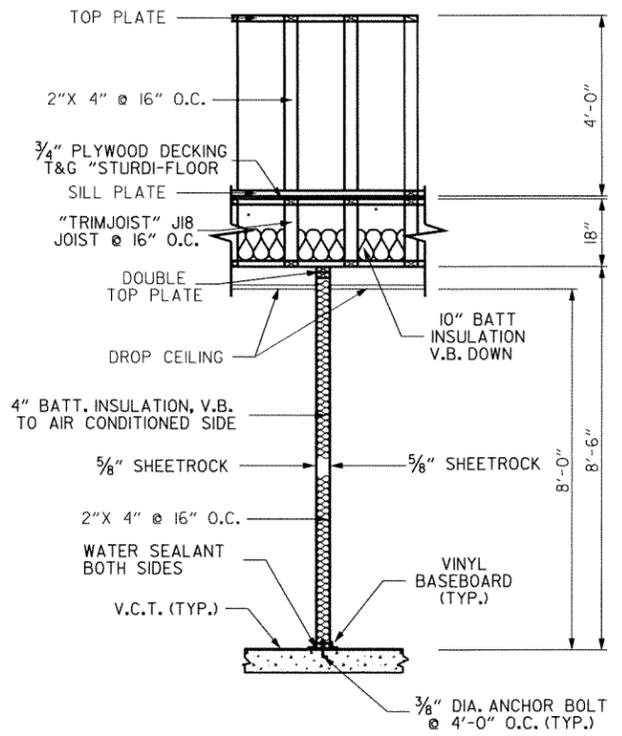
**WALL SECTION AT WINDOW**  
1/2" = 1'-0"



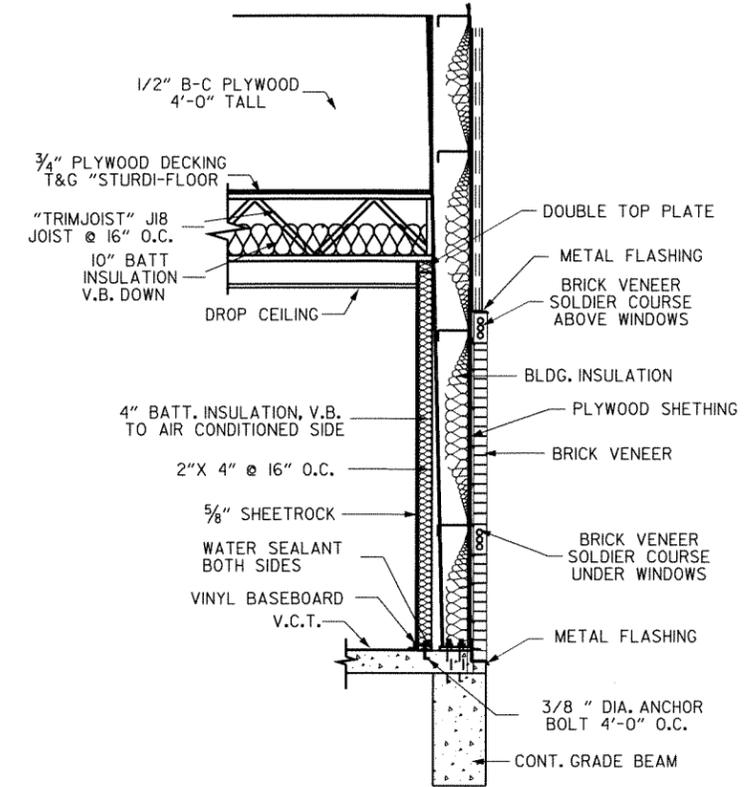
**CABINET DETAILS**

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

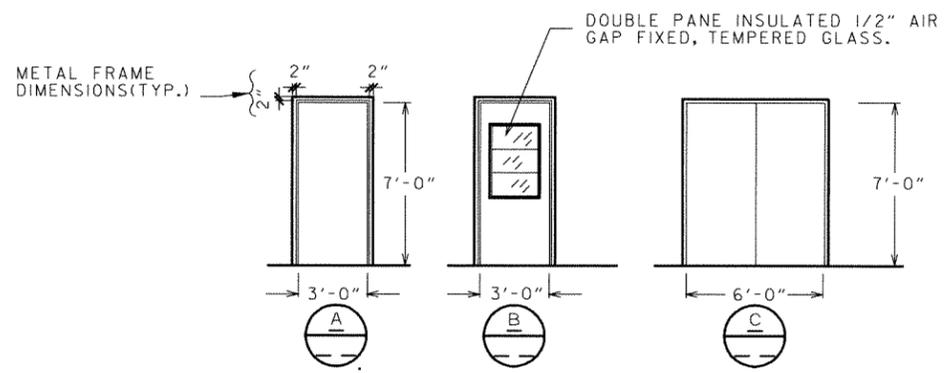
- NOTES:
1. ALL PLYWOOD TO BE A-C BIRCH, FINISHED SIDE EXPOSED.
  2. PAINT OR STAIN CABINET AS DIRECTED.



**WALL SECTION - INTERIOR WALL**  
1/2" = 1'-0"



**WALL SECTION - EXTERIOR WALL**  
1/2" = 1'-0"

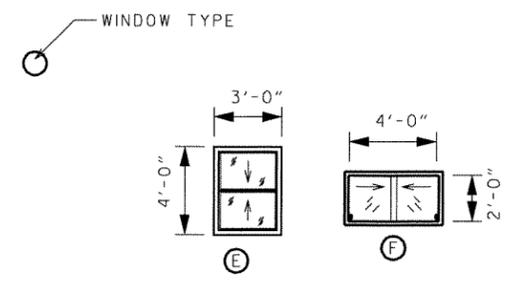


**DOOR AND WINDOW SCHEDULE**

1/4" = 1'-0"  
NOTE: 1. SEE SPECIFICATIONS FOR DOOR HARDWARE.

- (A) - DENOTES FLUSH PANEL HOLLOW WOOD DR. 1 3/4" THK. W/WOOD FRAME & TRIM
- (B) - DENOTES FLUSH PANEL HOLLOW METAL EXTERIOR DOOR, 1 3/4" THK. W/METAL FRAME, 16 GAUGE MIN. & FIXED WINDOW AS SHOWN.
- (C) - DENOTES FLUSH PANEL HOLLOW METAL DR. 1 3/4" THK. W/METAL FRAME, 16 GAUGE MIN.
- (D) - DENOTES INSULATED STEEL OVERHEAD DOOR W/ WINDOWS, ELECTRIC OPENER, 3" FOLLOW THE ROOF, TRACK AND HARDWARE AS REQUIRED.

NOTE: 1. EXTERIOR WINDOWS ARE TO BE DOUBLE HUNG, DOUBLE PANE INSULATED ALUMINUM FRAMED, W/SCREEN



PROPOSED PLANS FOR A.R.T.D.  
**ARKANSAS COUNTY #1**  
**AREA HEADQUARTERS**  
 STUTTGART, ARKANSAS

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ARKANSAS COUNTY, DISTRICT #2

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DETAILS

DATE: \_\_\_\_\_ PLAN UPDATED: 09-13-10

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**A-5**

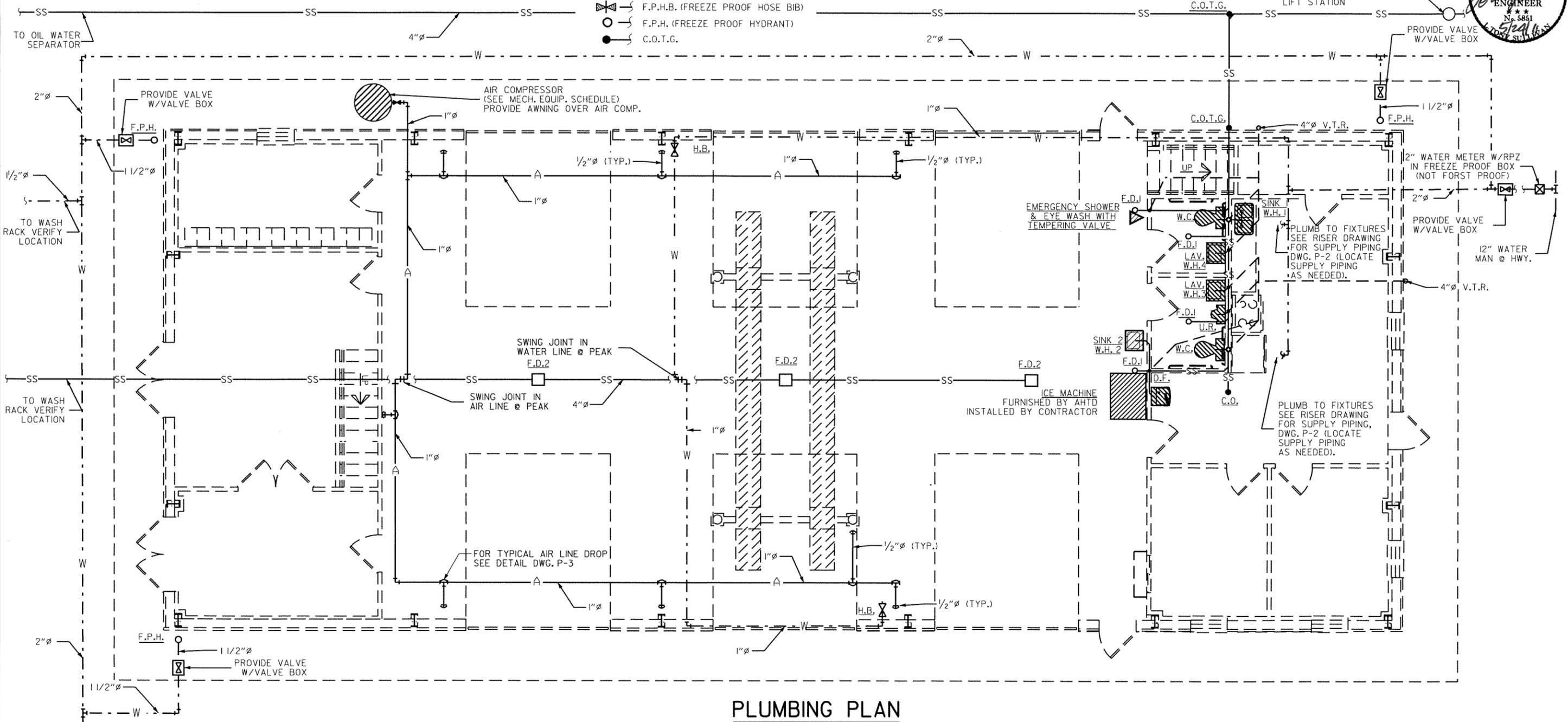
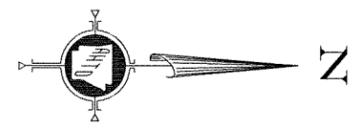
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		II	24

4 PLUMBING PLAN



**LEGEND**

- SS — SANITARY SEWER LINE
- W — DOMESTIC WATER LINE
- A — AIR LINE
- AIR LINE COUPLER W/BALL VALVE
- BUILDING
- GATE VALVE
- F.P.H.B. (FREEZE PROOF HOSE BIB)
- F.P.H. (FREEZE PROOF HYDRANT)
- C.O.T.G.



**PLUMBING PLAN**

1/4" = 1'-0"  
**GENERAL NOTES**

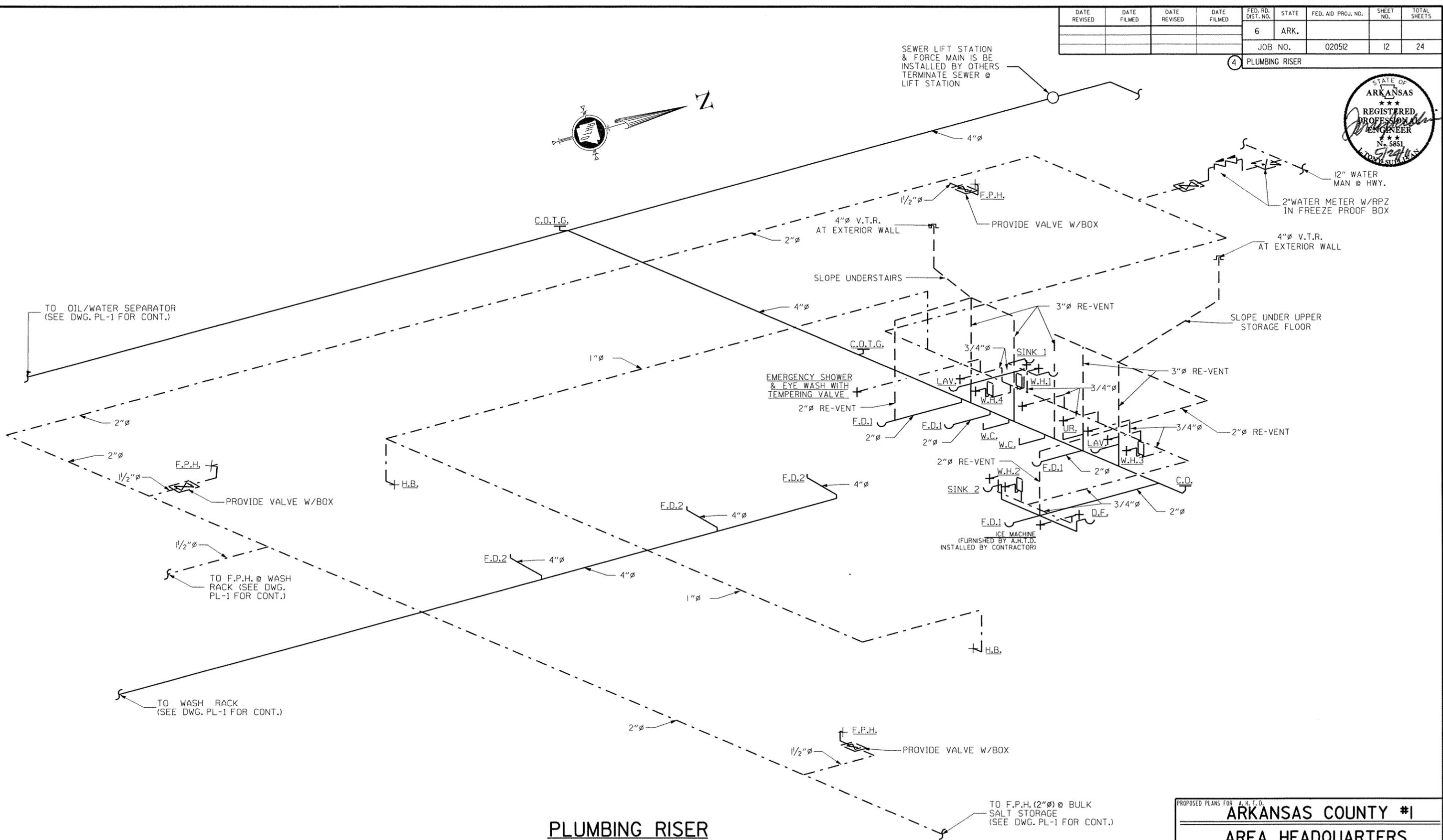
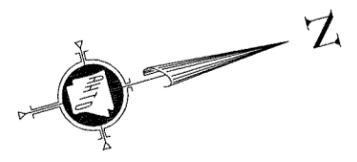
1. ALL PLUMBING IS TO BE IN ACCORDANCE W/ "ARKANSAS STATE PLUMBING CODE", LATEST EDITION. PEX PIPING WILL NOT BE ALLOWED.
2. ALL PIPES THROUGH CONCRETE ARE TO BE SLEEVED IN AN APPROVED MANNER.
3. SUPPLY PIPING & VALVE TO EACH FIXTURE IS TO BE SIZED AS PER EACH FIXTURE REQUIREMENTS (TYP.).
4. SEE DRAWING P-2 FOR RISER DIAGRAM.
5. SEE DRAWING P-3 PLUMBING SCHEDULE, MISC. DETAILS, AND NOTES.
6. CONTRACTOR IS TO BE RESPONSIBLE FOR ALL APPROVALS, PERMITS, AND FEES, AS REQUIRED BY THE STATE HEALTH DEPARTMENT OR ANY OTHER GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
7. SEWER LIFT STATION & FORCE MAIN IS TO BE INSTALLED BY OTHERS

PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
PLUMBING PLAN	<b>P-1</b>
DATE :	PLAN UPDATED : 05-19-11

TO F.P.H. (2"Ø) @ BULK SALT STORAGE (SEE DWG. PL-1 FOR CONT.)

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		12	24
				JOB NO.	020512			

4 PLUMBING RISER



**PLUMBING RISER**

N.T.S.

**GENERAL NOTES**

1. ALL PLUMBING IS TO BE IN ACCORDANCE W/ "ARKANSAS STATE PLUMBING CODE", LATEST EDITION. PEX PIPING WILL NOT BE ALLOWED.
2. ALL PIPES THROUGH CONCRETE ARE TO BE SLEEVED IN AN APPROVED MANNER.
3. SUPPLY PIPING & VALVE TO EACH FIXTURE IS TO BE SIZED AS PER EACH FIXTURE REQUIREMENTS (TYP.).
4. SEE DRAWING P-2 FOR FLOOR LAYOUT.
5. SEE DRAWING P-3 PLUMBING SCHEDULE, MISC. DETAILS, AND NOTES.
6. CONTRACTOR IS TO BE RESPONSIBLE FOR ALL APPROVALS, PERMITS, AND FEES, AS REQUIRED BY THE STATE HEALTH DEPARTMENT OR ANY OTHER GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.
7. SEWER LIFT STATION & FORCE MAIN IS TO BE INSTALLED BY OTHERS

PROPOSED PLANS FOR A.H.T.D.

**ARKANSAS COUNTY #1**

**AREA HEADQUARTERS**

STUTTART, ARKANSAS

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ARKANSAS COUNTY, DISTRICT #2

PLUMBING RISER

DATE: \_\_\_\_\_ PLAN UPDATED: 05-19-11

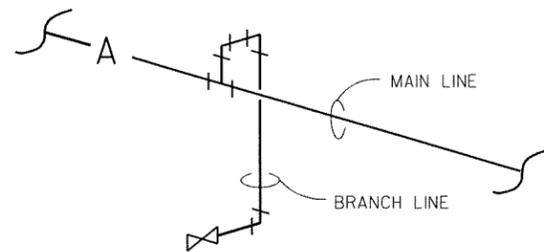
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DRAWING NO.

**P-2**

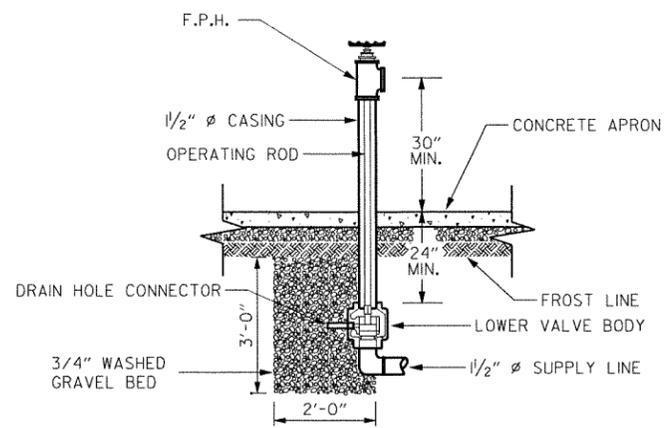
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	020512	13	24	

4 PLUMBING SCHEDULE & PLUMBING DETAILS



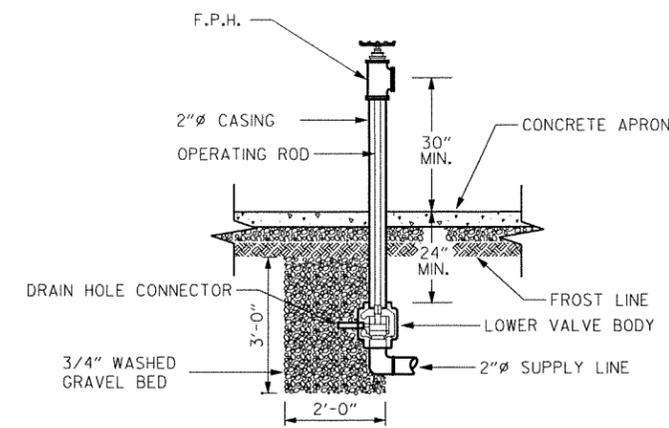
TYPICAL COMPRESSED AIR BRANCH DETAIL

N.T.S.



1 1/2"Ø FREEZE PROOF HYDRANT

N.T.S.



2"Ø FREEZE PROOF HYDRANT

N.T.S.

**PLUMBING FIXTURE SCHEDULE**

MARK	MANUFACTURER & MODEL NUMBER	REMARKS
UR.	URINAL, AMERICAN STANDARD "MAY BROOK" URINAL W/SLOAN "ROYAL" #186 FLUSH VALVE, O.E.	MOUNT RIM 17" MAX ABOVE FINISHED FLOOR (ADA REQ.)
W.C.	WATER CLOSET, AMERICAN STANDARD "CADET" 2998.012 ELONGATED TOILET W/#5324.019 SEAT, O.E.	PROVIDE HANDICAP RAILS
F.D.1	FLOOR DRAIN, WADE MOD. #1102, O.E.	FLOOR DRAIN WITH P TRAP & TRAP PRIMER
F.D.2	FLOOR DRAIN, WADE MOD. #2364, O.E.	FLOOR DRAIN WITHOUT P TRAP
C.O.	CLEAN-OUT, WADE MOD. #W-6000 SERIES CAST-IRON, W/HEAVY DUTY TOP, O.E.	
C.O.T.G.	CLEAN-OUT, WADE MOD. #W-6004-Z SERIES CAST-IRON, W/HEAVY DUTY TRACTOR TOP, O.E.	
W.H.1	POINT OF USE TANKLESS WATER HEATER STIBEL ELTRON DHCI0-2 1.5 GAL. GPM 240 VOLT	MOUNT UNDER SINK W/50AMP. BREAKER
W.H.2	POINT OF USE TANKLESS WATER HEATER STIBEL ELTRON DHCI0-2 1.5 GAL. GPM 240 VOLT	MOUNT UNDER SINK W/50AMP. BREAKER
W.H.3	POINT OF USE TANKLESS WATER HEATER STIBEL ELTRON DHC8-2 1.5 GAL. GPM 240 VOLT	MOUNT UNDER SINK W/40AMP. BREAKER
W.H.4	POINT OF USE TANKLESS WATER HEATER STIBEL ELTRON DHC8-2 1.5 GAL. GPM 240 VOLT	MOUNT UNDER SINK W/40AMP. BREAKER
H.B.	HOSE BIBB, McMASTER-CARR MOD. #2947K3 BRASS, 3/4"Ø, O.E.	MOUNT 24" ABOVE FINISHED FLOOR
F.P.H.	FREEZE-PROOF HYDRANT, WOODFORD MOD. # U125W, O.E.	LOCATE AS DIRECTED, SEE DETAIL ON DRAWING #P-1
F.P.H.2"	FREEZE-PROOF HYDRANT, WOODFORD MOD. # U200W, O.E.	LOCATE AS DIRECTED, SEE DETAIL ON DRAWING #P-1
D.F.	DRINK FOUNTAIN, HAWS MOD. #HWUACP8 WALL MOUNTED BARRIER-FREE WATER COOLER, 120 VOLT, O.E.	
EMERGENCY SHOWER	COMBINATION SHOWER, AND EYE/FACE WASH HAWS, MOD. #8320-8325 ; O/E. WITH TEMPERING VALVE	WATER FOR EMERGENCY SHOWER NEEDS TO BE TEMPERED
ICE MACHINE	TO BE FURNISHED BY A.H.T.D., INSTALLED BY CONTRACTOR, SEE SPECIFICATIONS.	RUN 3/4"Ø CONDENSATE TO FLOOR DRAIN
LAV.	LAVATORY, AMERICAN STANDARD "LUCERNE" #0356.015 ADA LAV. W/#6530.170 "MONTEREY" FAUCET, O.E.	MOUNT RIM 34" A.F.F., WRAP HOT WATER SUPPLY & DRAIN W/INSULATION & PROVIDE CONCEALED CARRIER
SINK 1	DOUBLE SINK, AMERICAN STANDARD #7502.403, STAINLESS STEEL, W/#4205.001 FAUCET, O.E.	
SINK 2	SERVICE SINK, KOHLER #K-6714-0, ENAMELED CAST IRON, W/#749-1370 FAUCET, AND #804-1040 TRAP, O.E.	
OIL SEPARATOR	1000 GALLON SAND TRAP/OIL WATER SEPARATOR, PETERSON CONCRETE, O.E.	

NOTE: 1. ALL RESTROOM FIXTURES AND THEIR INSTALLATION ARE TO BE ADA COMPLIANT.

PROPOSED PLANS FOR A.H.T.D.  
**ARKANSAS COUNTY #1**  
**AREA HEADQUARTERS**  
 STUTTGART, ARKANSAS

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ARKANSAS COUNTY, DISTRICT #2

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PLUMBING SCHEDULE & PLUMBING DETAILS

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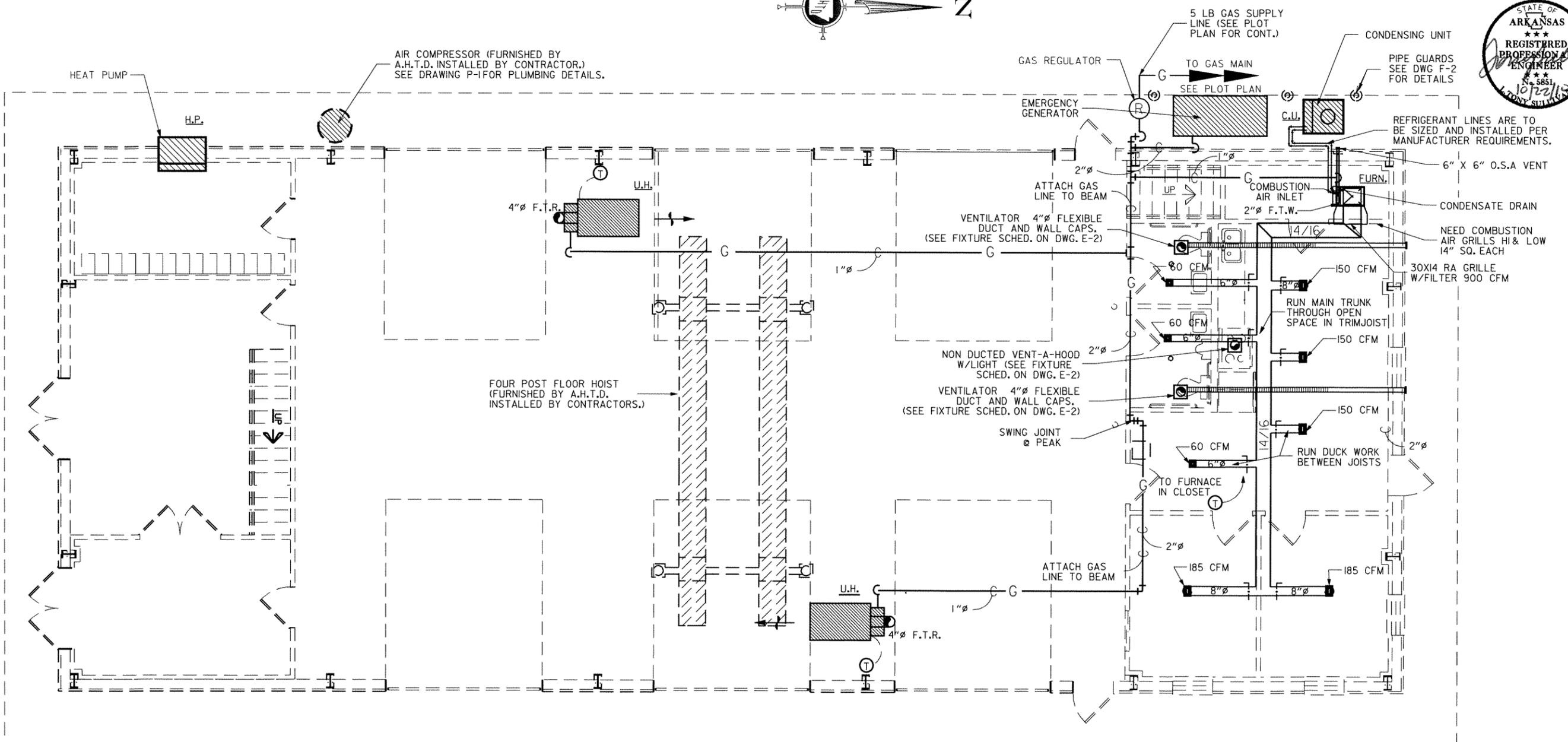
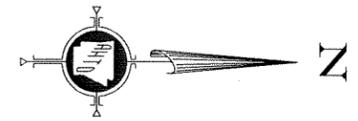
DATE: \_\_\_\_\_ REVISED: 05-19-11

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DRAWING NO. **P-3**

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	14	24

MECHANICAL PLAN



## MECHANICAL PLAN

1/4" = 1'-0"

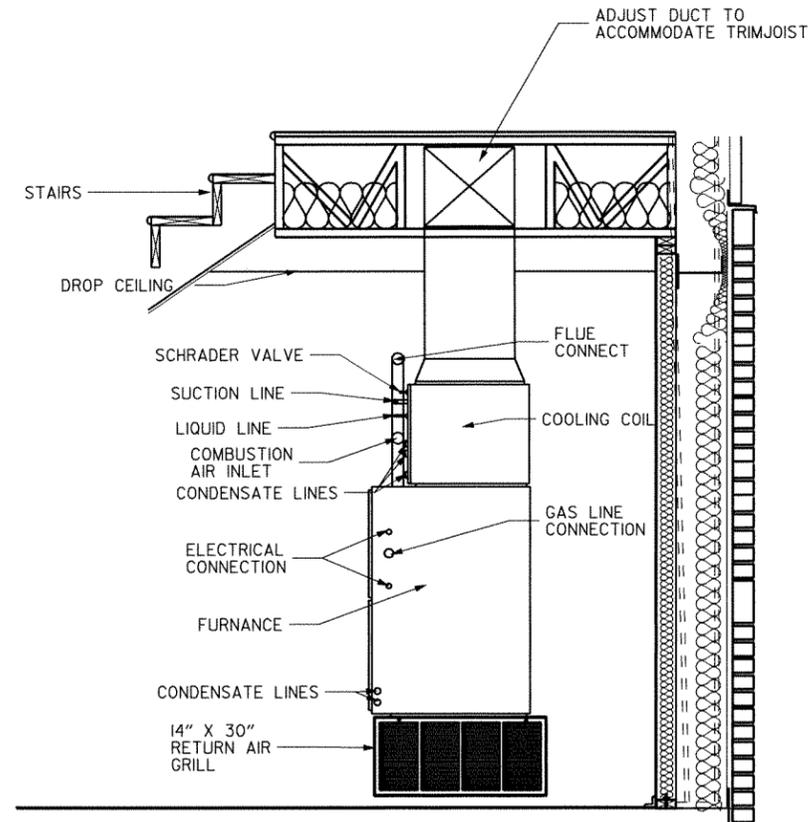
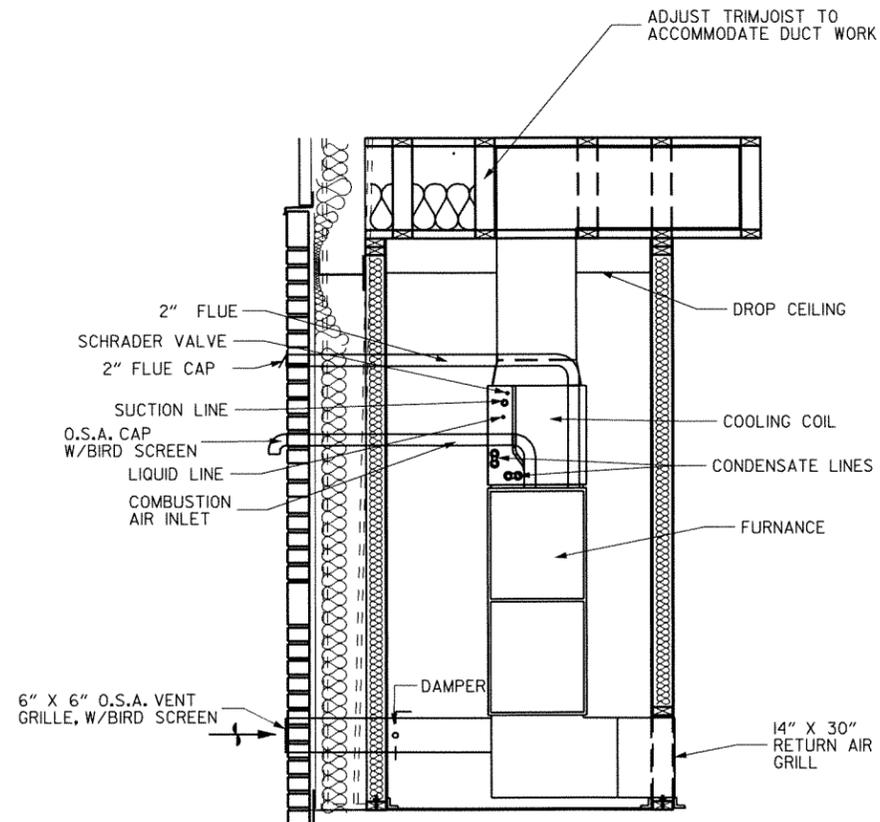
### GENERAL NOTES

1. ALL PLUMBING IS TO BE IN ACCORDANCE W/"ARKANSAS STATE PLUMBING CODE", LATEST EDITION.
2. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE W/"THE NATIONAL ELECTRIC CODE", LATEST EDITION.
3. ALL EQUIP TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.
4. SEE DRAWINGS #P-1 AND #P-2 FOR RELATED PIPING AND MISC. DETAILS.
5. CONTRACTOR IS TO BE RESPONSIBLE FOR ALL APPROVALS, PERMITS, AND FEES AS REQUIRED BY THE STATE HEALTH DEPARTMENT OR ANY OTHER GOVERNMENTAL DEPARTMENTS HAVING JURISDICTION.

PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1.</b>	
<b>AREA HEADQUARTERS</b>	
STUTT GART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
MECHANICAL PLAN	<b>M-1</b>
DATE: _____	REVISED: 07-29-10

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	020512		15	24

4 FURNACE DETAILS & MECHANICAL SCHEDULE



## FURNACE DETAIL

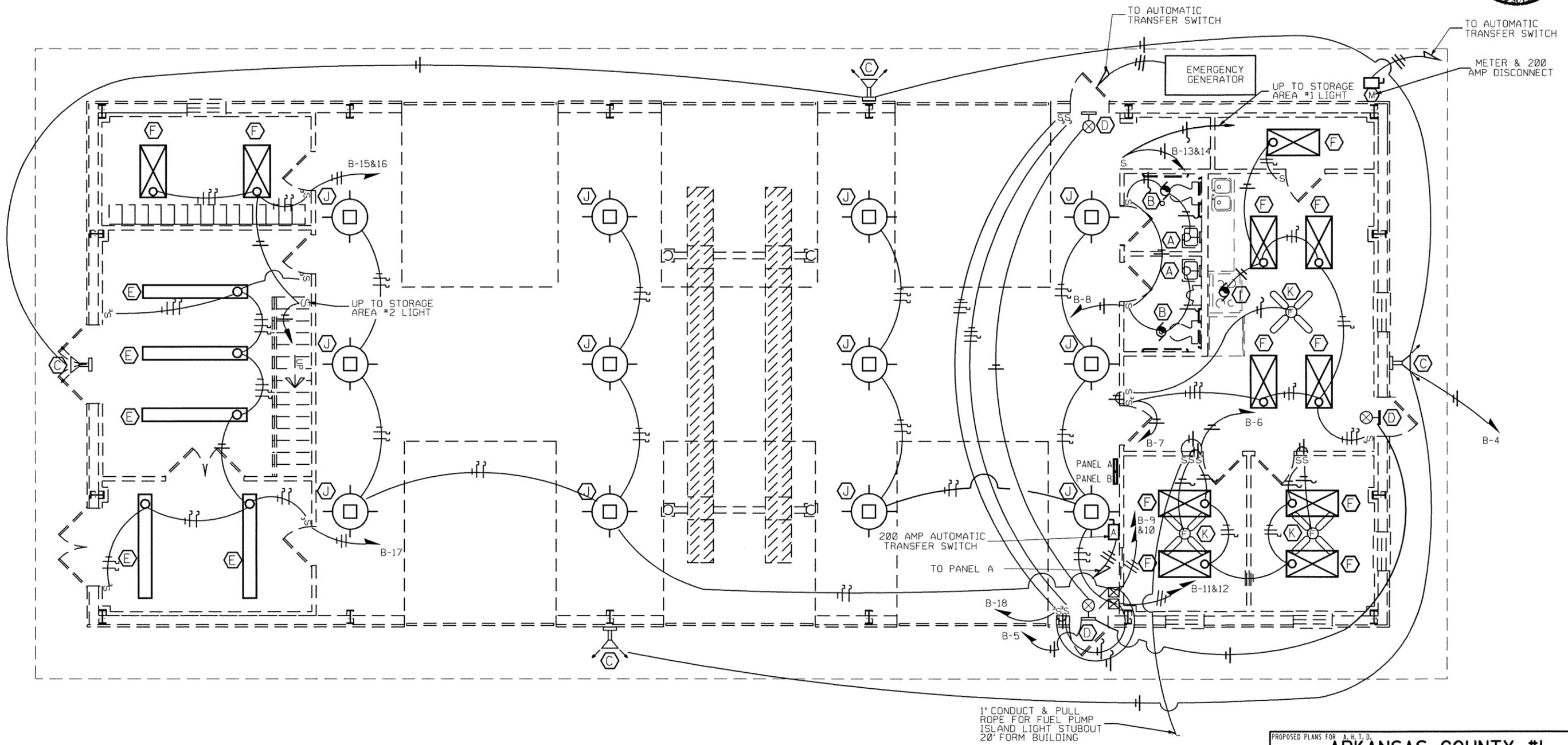
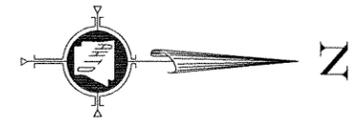
NOTE: 3/4" = 1'-0"  
CONDENSATE LINES TO EXTEND OUTSIDE BUILDING

MECHANICAL EQUIPMENT SCHEDULE	
MARK	DESCRIPTION
H.P.	CARRIER #52COD3093 PACKAGED TERMINAL UNIT (HEAT PUMP), 8,600 BTUH (COOLING), 230V, 20 AMP, 1Ø 3.4 KW ELECT. HT., W/WALL SLEEVE, ALUM. STAMPED OUTSIDE GRILLE, & DRIP PAN, O.E.
FURN.	TRANE *TUH2B060A9V3VA 58,000 BTU INPUT, 48,000 OUTPUT, NAT GAS, 1/2 HP BLOWER MOTOR, VERTICAL. INSTALL, W/TRANE *4TXCB032BC3HCA FULL CASED COOLING COIL, W/HORZ. DRAIN TRAY, ENTIRE ASSY. TO SIT IN SEPARATE DRAIN PAN, 120V, 9.0 AMP, 1Ø; 1000 CFM @ .4 ESP; O.E.
C.U.	TRANE *4TTR5030EI000A 2 1/2 TON, 30,000 BTU, 16 SEER, 208-230V, 30 AMP, 1Ø; O.E.
U.H.	UNIT HEATER, ADVANCED DIST. PRODUCT, MODEL *SEP-200, 195,000 BTU INPUT, 156,00 BTU OUTPUT, NAT. GAS, 1/8 HP BLOWER, 115 V, 1Ø
AIR COMPRESSOR	AIR COMPRESSOR, SUPPLIED BY A.H.T.D. AND INSTALLED BY CONTRACTOR.
FLOOR HOIST	FOUR POST FLOOR HOIST, SUPPLIED BY A.H.T.D. AND INSTALLED BY CONTRACTOR.

PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1.</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
FURNACE DETAILS & MECHANICAL SCHEDULE	<b>M-2</b>
DATE : _____	REVISED: 08-02-10

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	020512		16	24

4 LIGHTING PLAN



**NOTES:**

1. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE W/"THE NATIONAL ELECTRIC CODE", LATEST EDITION.
2. ELECTRICAL SERVICE IS TO CONFORM W/ALL LOCAL UTILITY REQUIREMENTS.
3. SEE DRAWING \*E-2 FOR ELECTRICAL RISER DIAGRAM.
4. SEE DRAWING \*L-3 FOR LIGHT FIXTURE SCHEDULE, & LEGEND.

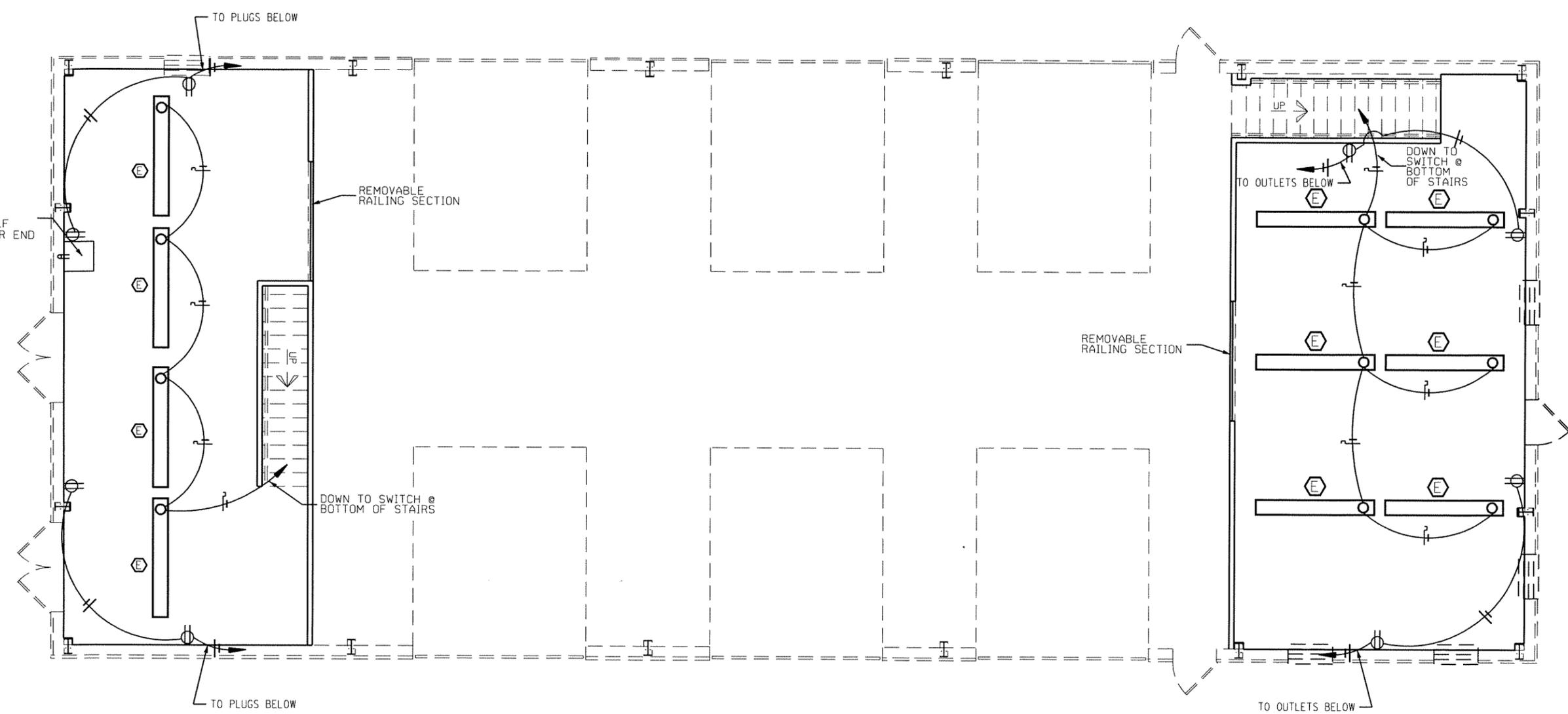
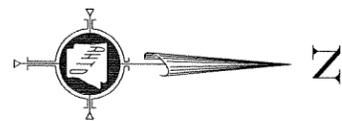
**LIGHTING PLAN**

1/4" = 1'-0"

PROPOSED PLANS FOR A. H. T. D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
LIGHTING PLAN	<b>L-1</b>
DATE :	REVISED: 05-23-11

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		020512	17	24

4 STORAGE AREA ELECTRICAL & LIGHTING PLAN



STORAGE 2

STORAGE 1

- NOTES:**
1. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE W/THE NATIONAL ELECTRIC CODE, LATEST EDITION.
  2. ELECTRICAL SERVICE IS TO CONFORM W/ALL LOCAL UTILITY REQUIREMENTS.
  3. SEE DRAWING \*E-2 FOR ELECTRICAL RISER DIAGRAM.
  4. SEE DRAWING \*L-3 FOR LIGHT FIXTURE SCHEDULE, & LEGEND.

**STORAGE AREA  
ELECTRICAL & LIGHTING PLAN**

1/4" = 1'-0"

PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTT GART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
STORAGE AREA ELECTRICAL & LIGHTING PLAN	<b>L-2</b>
DATE : _____	REVISED: 05-23-11

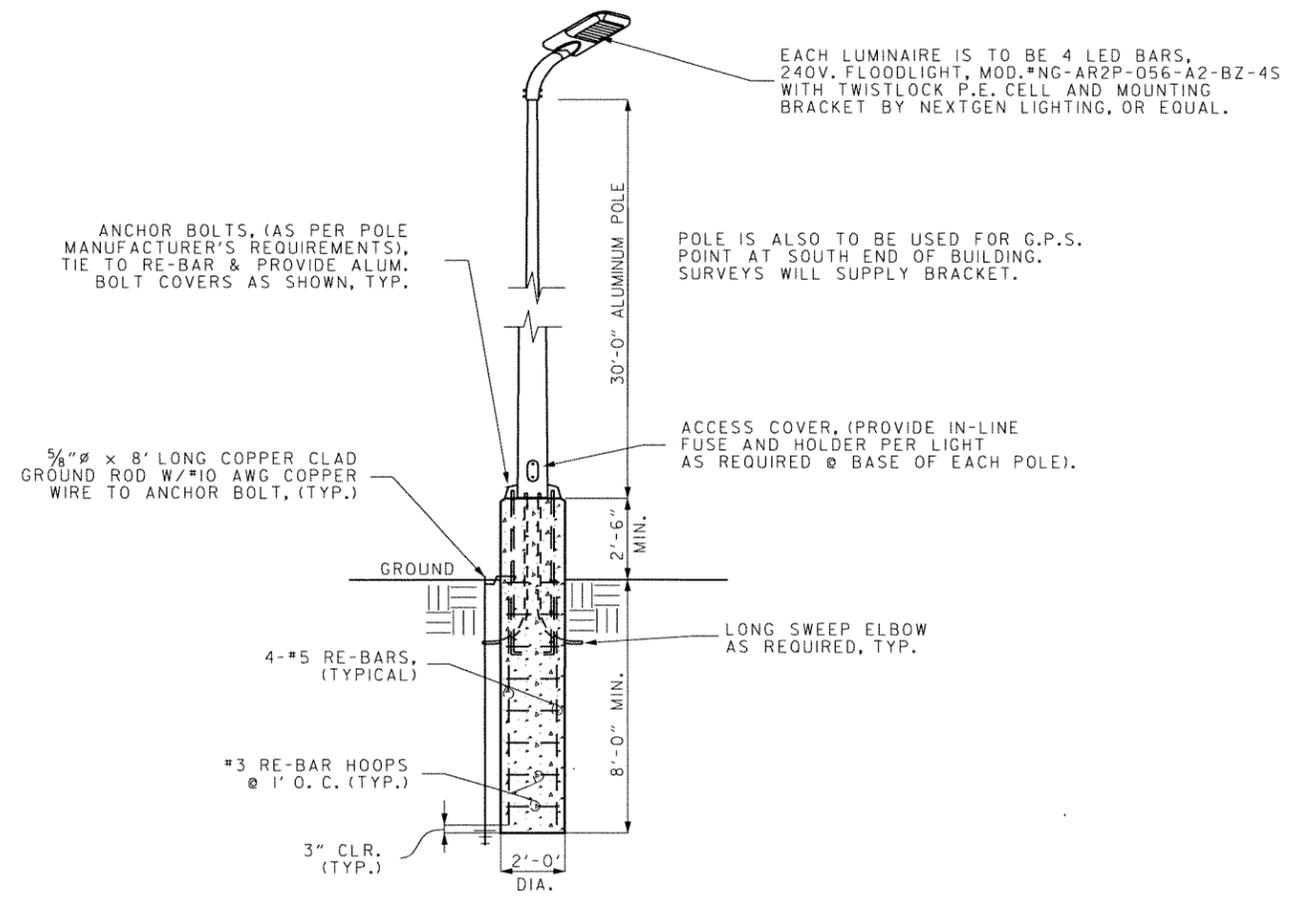
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	020512	18	24	

4 LIGHTING SCHEDULE, LEGEND & DETAILS



LIGHTING FIXTURE SCHEDULE			
MARK	MFR. & MODEL (OR EQ.)	BULBS	REMARKS
A	DAY-BRITE #AVW217-PMW-120-1/2EB	2-F24T5/CW	WALL MOUNTED
B	BROAN #QTXE080 FAN W/BACKDRAFT DAMPERS	N/A	CEILING MTD. (RECESSED) PROVIDE WALL DUCTING KIT FOR THROUGH WALL INSTALLATION
C	LITHONIA #TFL150STA2-120-PER/PEI-FSAB-LPI	1-150W M.H.	WALL MTD. WEATHERPROOF FLOODLIGHT
D	DUAL-LITE EMERGENCY EXIT #LXRWE	N/A	WALL MOUNTED
E	DAY-BRITE INDUSTRIAL #IFD259-PP-120-1/2EB	2-F96T8/CW	SUSP. FROM CEILING OR AS DIRECTED.
F	DAY-BRITE STATIC #2SPG328-FSI2W-120-1/3EB	3-F46T5/SPX35	RECESSED
G	G.E. #PI7M55IA2LMN3GRU W/PE CELL & LAMP	1-150W M.H.	POLE MTD. W/ARTSI43S5.1IGV 14' STL. POLE
H	NEXTGEN #NG-AR2P-056-A2-BZ-4S W/PE CELL & LAMP	4-LED BARS	POLE MTD. W/RTA-30-10G-T20-BA 30' POLE & FOUNDATION FOR SINGLE FIXTURE POLES.
I	BROAN #QS3-30-SS-120	HALOGEN F.L.	SURFACE MTD., NON DUCTED
J	NEXTGEN #NG-AR2P-056-A2-BZ-SM	4-LED BARS	SURFACE MTD. @ CEILING
K	HARBOR BREEZE 42" 5 BLADE CEILING FAN- NO LIGHT	N/A	SURFACE MTD. @ CEILING

NOTES: 1. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE W/"THE NATIONAL ELECTRIC CODE", LATEST EDITION.  
 2. ELECTRICAL SERVICE IS TO CONFORM W/ALL LOCAL UTILITY REQUIREMENTS.  
 3. ALL EXTERIOR LIGHTS MUST BE PROJECTED BELOW A HORIZONTAL PLANE RUNNING THROUGH THE LOWEST POINT ON THE FIXTURE WHERE THE LIGHT IS EMITTED. REFER TO THE NIGHT SKY PROTECTION ACT. (HOUSE BILL 1282)



**30' POLE FOUNDATION DETAIL**

N.T.S.

**POLE FOUNDATION NOTES**

1. CONCRETE TO BE CLASS "S".
2. SEE PLOT PLAN FOR APPROXIMATE LOCATIONS.
3. FOUNDATIONS SUBJECT TO POLE MANUFACTURER'S REQUIREMENTS.
4. ALL WORK REQUIRED TO INSTALL FLAG POLE AND AREA LIGHTING AS DETAILED OR DIRECTED, TO BE SUBSIDIARY TO THE LUMP SUM BID.

**LIGHTING LEGEND**

- S - SWITCH, SPST
- S<sub>2</sub> - SWITCH, 2-POLE
- S<sub>3</sub> - SWITCH, 3-POLE
- ← - HOME RUN TO PANEL
- ⊗ - EXIT LIGHTING
- ▭ - PANEL
- ⊗ - CEILING FAN
- ⊕ - 110V DUPLEX OUTLET
- ⊕ - 110V QUADRUPLX OUTLET
- ⊕ - SPECIAL PURPOSE OUTLET (AS NOTED)
- ⊕ - THERMOSTAT
- ⊕ - PUSH BUTTON CONTROL (LOCATE AS DIRECTED)
- ⊕ - MOTOR
- ⊕ - INCANDESCENT LIGHTING FIXTURE
- ⊕ - FLOOD LIGHTING FIXTURE, H.P.S.
- ⊕ - EXHAUST FAN
- ⊕ - POLE MOUNTED LIGHT FIXTURE
- ⊕ - FLUORESCENT LIGHTING FIXTURE
- ⊕ - RECESSED FLUORESCENT FIXTURE
- DISCONNECT, UNFUSED
- ⊕ - AUTOMATIC TRANSFER SWITCH
- W.P. - WEATHER-PROOF
- G.F.C.I. - GROUND FAULT CIRCUIT INTERRUPTER
- ⊕ - MOTOR CONTROL BOX
- ⊕ - TELEPHONE JACK/DATA JACK (LOCATE AS DIRECTED)
- ⊕ - RADIO OUTLET (LOCATE AS DIRECTED)
- ⊕ - SPECIAL JUNCTION BOX (DUPLX OUTLET BOX) FOR RADIO/TELEPHONE
- ⊕ - METER
- ⊕ - STARTER

PROPOSED PLANS FOR A. H. T. D.

**ARKANSAS COUNTY #1**

**AREA HEADQUARTERS**

STUTT GART, ARKANSAS

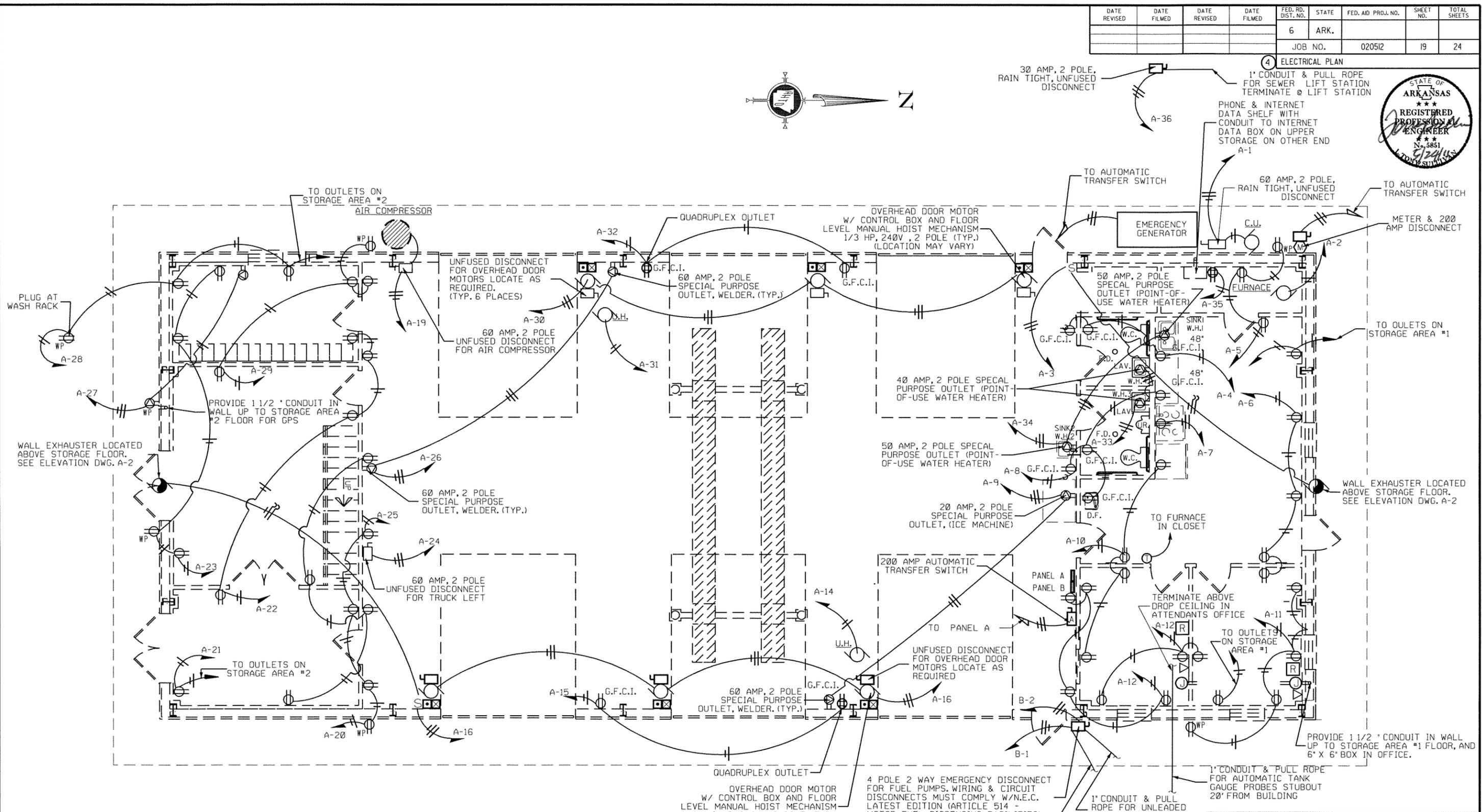
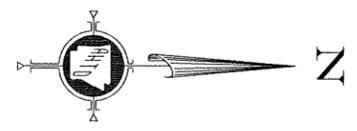
ARKANSAS COUNTY, DISTRICT #2

LIGHTING SCHEDULE, LEGEND & DETAILS

DATE: \_\_\_\_\_ REVISED: 05-19-11

DRAWING NO. **L-3**

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.	020512	19	24	



- NOTES:**
1. ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE W/"THE NATIONAL ELECTRIC CODE", LATEST EDITION.
  2. ELECTRICAL SERVICE IS TO CONFORM W/ALL LOCAL UTILITY REQUIREMENTS.
  3. SEE DRAWING \*E-2 FOR ELECTRICAL RISER DIAGRAM.
  4. SEE DRAWING \*E-3 FOR PANEL BROAD SCHEDULE, & LEGEND.

**ELECTRICAL PLAN**

1/4" = 1'-0"

PROPOSED PLANS FOR A. H. T. D.

**ARKANSAS COUNTY #1**

**AREA HEADQUARTERS**

STUTTGART, ARKANSAS

ARKANSAS COUNTY, DISTRICT #2

ELECTRICAL PLAN

DATE: \_\_\_\_\_ REVISED: 05-23-11

DRAWING NO. **E-1**



DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
				JOB NO.		020512	21	24

4 PANEL BOARD SCHEDULE & LEGEND



PANEL BOARD SCHEDULE							
MARK	TYPE	PHASE FEED	MAINS		1 POLE BREAKERS	2 POLE BREAKERS	MTG.
			TYPE	CAP.			
A	D 00, O/E	120/240 3W-S/N	BREAKER	200A	30-20A- RECEPTS, SPARES, UNIT HEATERS, & FURNACE,	1-100A- PANEL B 5-60A- AIR COMPRESSOR CONDENSING UNIT, WELDERS, & TRUCK LIFT  2-50A- P.O.U. WATER HEATER 2-40A- P.O.U. WATER HEATER 5-30A- OVERHEAD DOORS, WALL EXHAUSTERS, LIFT STATION 3-20A- HEAT PUMP, ICE MACHINE, & PRESSURE WASHER	SURFACE
B	D 00, O/E	120/240 3W-S/N	LUGS	100A	25-20A- LIGHTING, RECEPTS, AND SPARES	1-40A- FLOODLIGHTS 3-20A- FUEL PUMPS	SURFACE

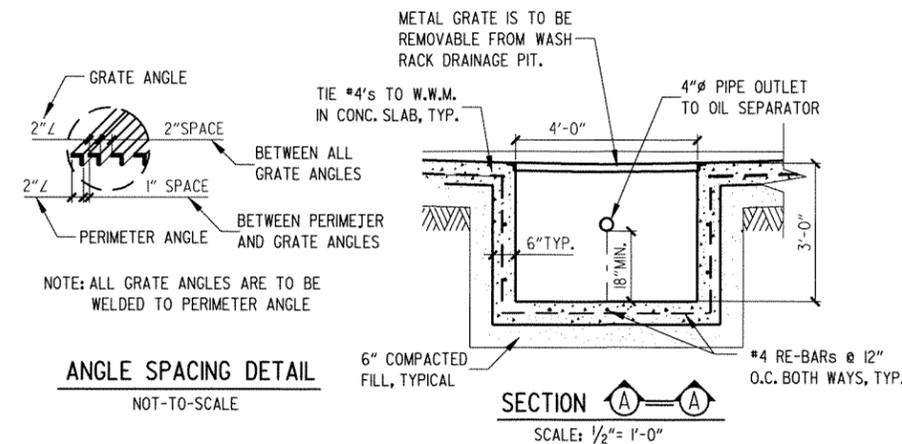
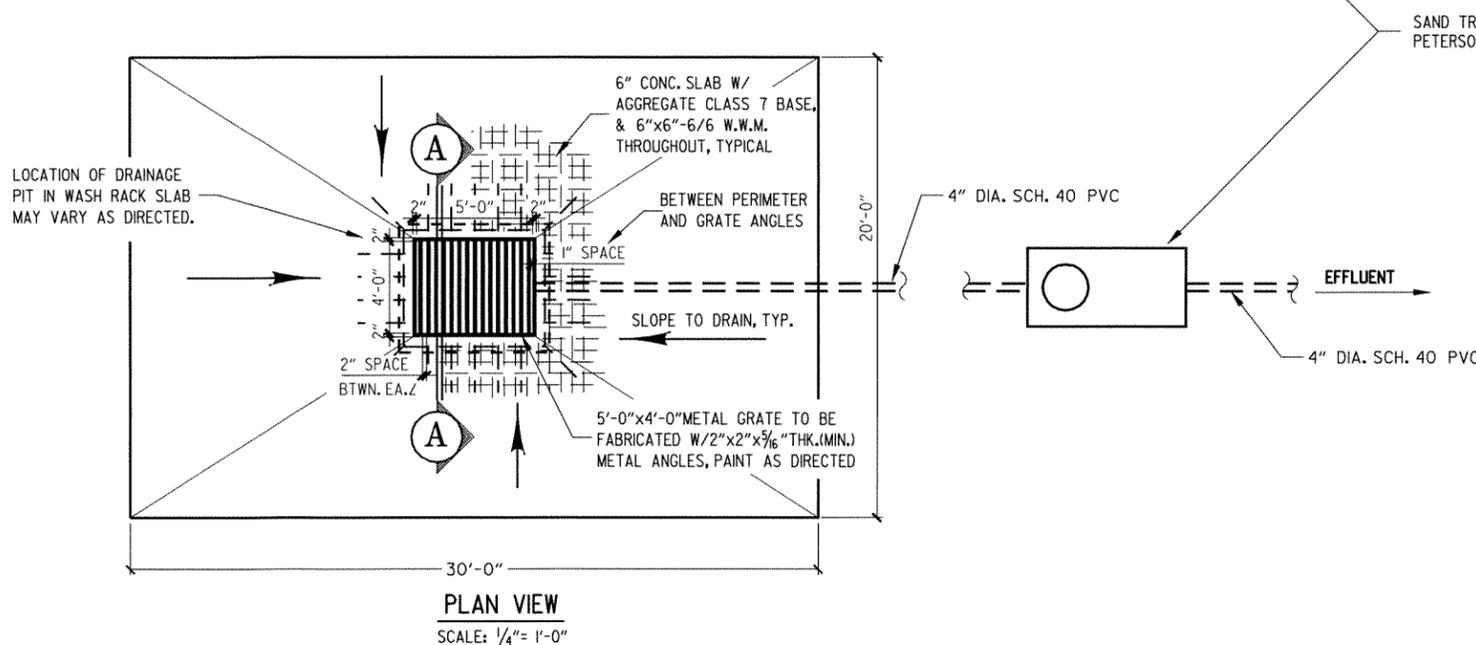
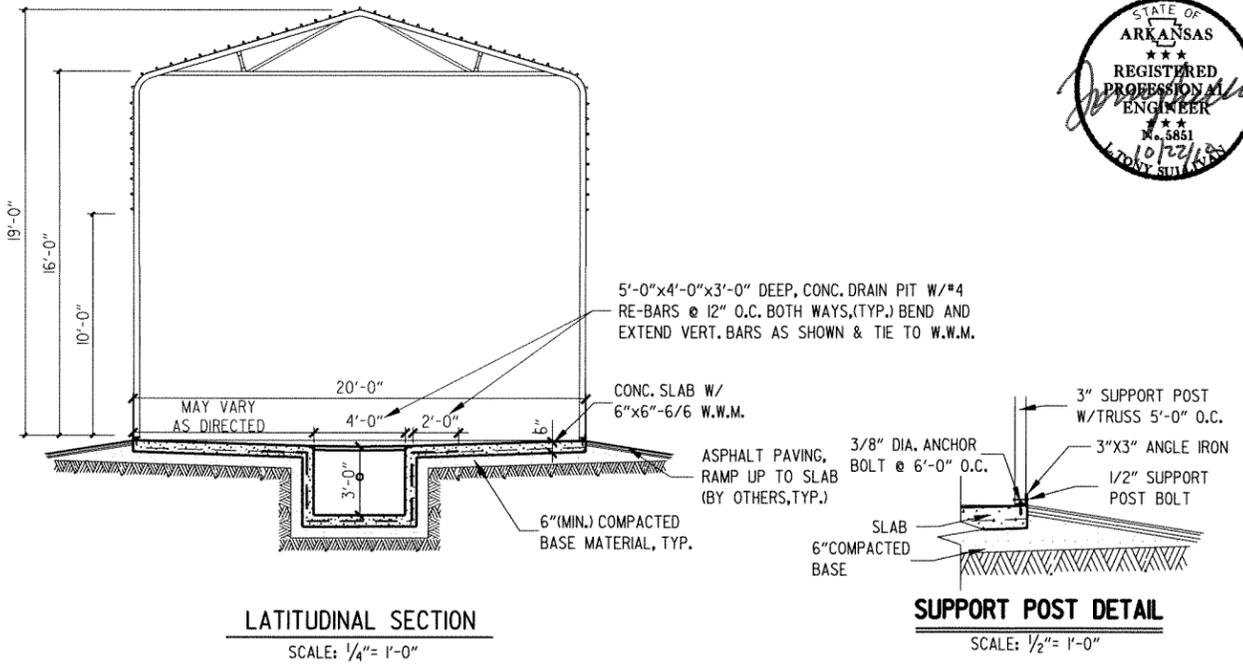
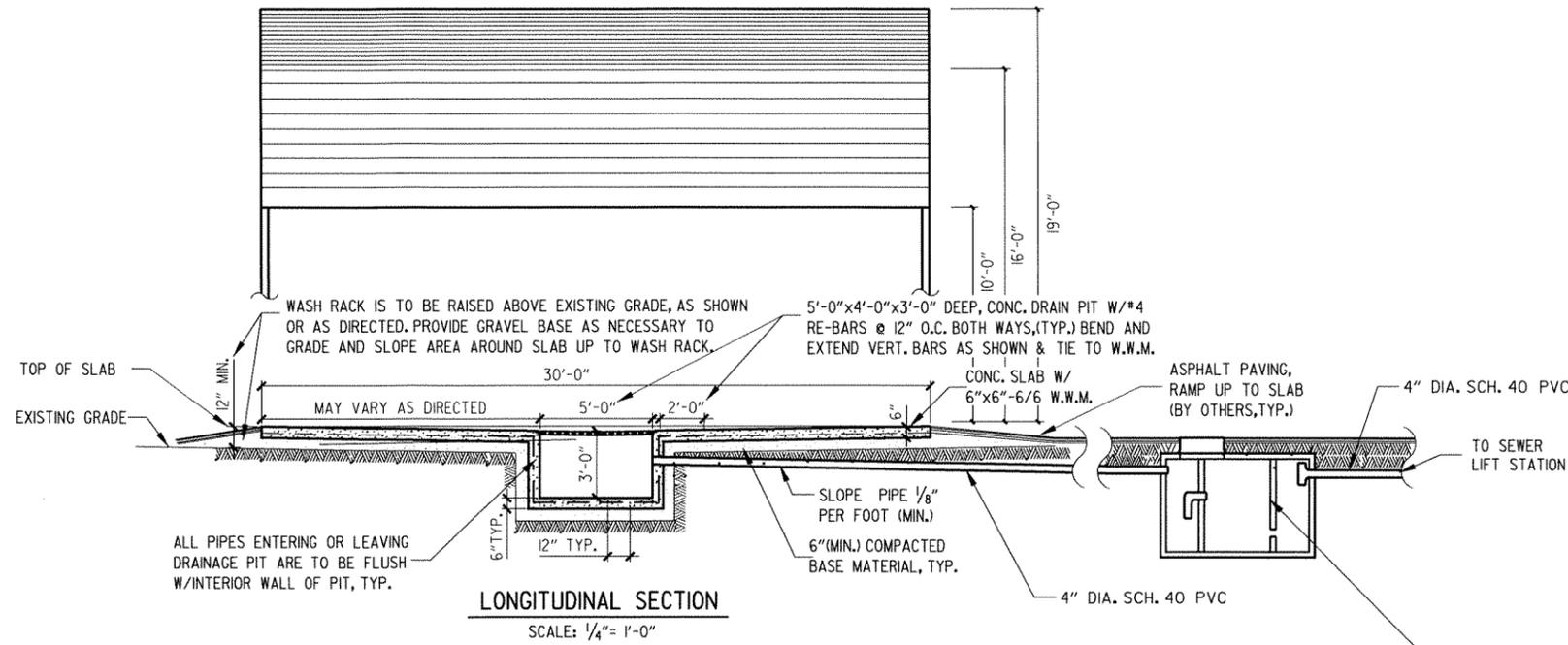
**ELECTRICAL LEGEND**

- S - SWITCH, SPST
- S<sub>2</sub> - SWITCH, 2-POLE
- S<sub>3</sub> - SWITCH, 3-POLE
- ← - HOME RUN TO PANEL
- ⊗ - EXIT LIGHTING
- ▬ - PANEL
- ⊗ - CEILING FAN
- ⊕ - 110V DUPLEX OUTLET
- ⊕ - 110V QUADRUPLX OUTLET
- ⊕ - SPECIAL PURPOSE OUTLET (AS NOTED)
- ⊕ - THERMOSTAT
- ⊕ - PUSH BUTTON CONTROL (LOCATE AS DIRECTED)
- ⊕ - MOTOR
- ⊕ - INCANDESCENT LIGHTING FIXTURE
- ⊕ - FLOOD LIGHTING FIXTURE, H.P.S.
- ⊕ - EXHAUST FAN
- ⊕ - POLE MOUNTED LIGHT FIXTURE
- ⊕ - FLUORESCENT LIGHTING FIXTURE
- ⊕ - RECESSED FLUORESCENT FIXTURE
- ⊕ - DISCONNECT, UNFUSED
- ⊕ - AUTOMATIC TRANSFER SWITCH
- W.P. - WEATHER-PROOF
- G.F.C.I. - GROUND FAULT CIRCUIT INTERRUPTER
- ⊕ - MOTOR CONTROL BOX
- ⊕ - TELEPHONE JACK (LOCATE AS DIRECTED)
- ⊕ - RADIO OUTLET (LOCATE AS DIRECTED)
- ⊕ - SPECIAL JUNCTION BOX (DUPLEX OUTLET BOX) FOR RADIO/TELEPHONE
- ⊕ - METER

PROPOSED PLANS FOR A. H. T. D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
PANEL BOARD SCHEDULE & LEGEND	<b>E-3</b>
DATE: _____	REVISED: 07-29-10

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.			
JOB NO.						020512	22	24

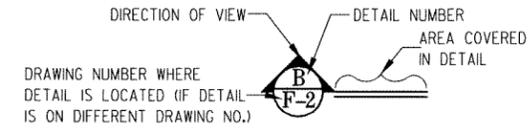
4 WASH RACK DETAILS



**WASH RACK NOTES**

1. ALL PLUMBING WORK IS TO BE IN ACCORDANCE W/"THE ARKANSAS STATE PLUMBING CODE", LATEST EDITION.
2. CONCRETE IS TO BE CLASS "S" AND REINFORCING STEEL IS TO BE GRADE 60, UNLESS OTHERWISE DIRECTED.
3. SEE DRAWINGS \*PLT-1, \*P-1 & \*P-2 FOR MORE INFORMATION ON PIPING LAYOUT AND LOCATION.
4. PAYMENT FOR ALL WORK REQUIRED TO FURNISH WASH RACK AS DETAILED ABOVE OR AS DIRECTED IS TO BE SUBSIDIARY TO THE PAY ITEM.
5. LOCATION OF WASH RACK & RELATED ITEMS (OIL SEPARATOR, DRAIN VALVES, ETC.) MAY REQUIRE ADJUSTMENT IN THE FIELD TO BETTER UTILIZE EXISTING SITE CONDITIONS OR AS DIRECTED.

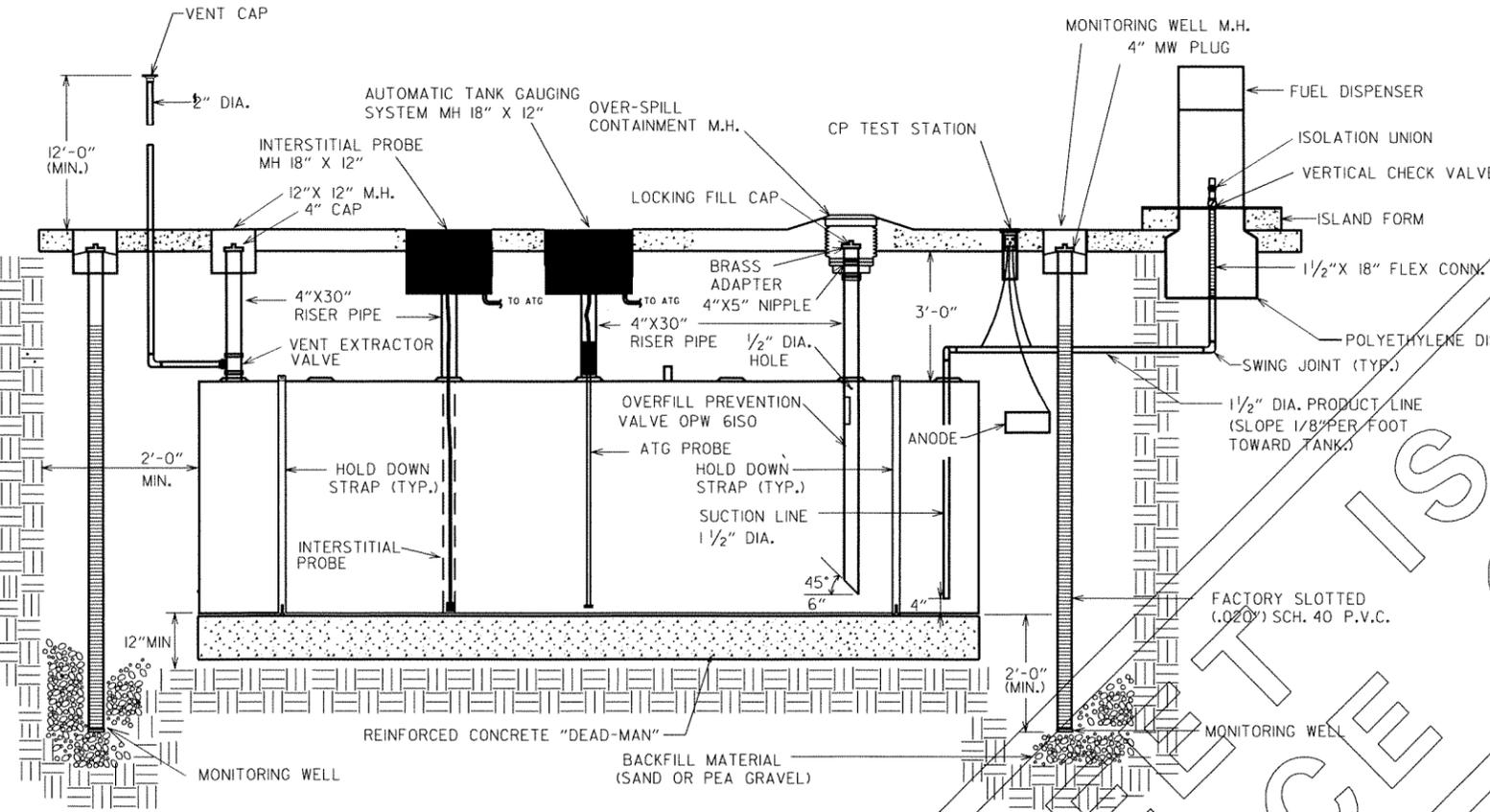
**WASH RACK DETAILS**  
SCALE: AS NOTED



PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
WASH RACK DETAILS	<b>WR-1</b>
DATE : _____	REVISED: 09-27-10

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		23	24
				JOB NO. 020512				

4 UNDERGROUND STORAGE TANK DETAILS

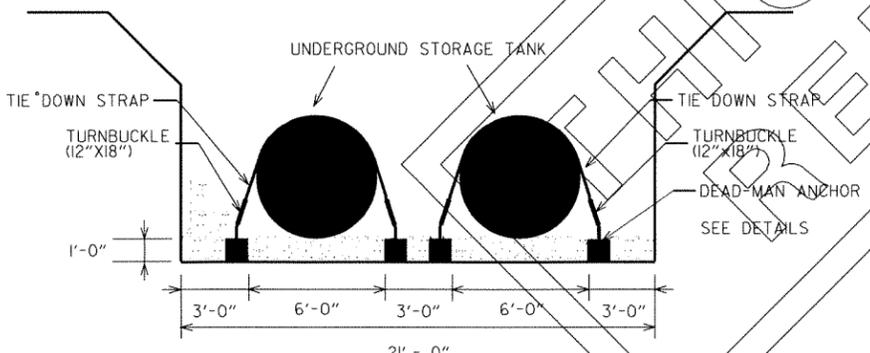


**UNDERGROUND TANK ELEVATION DETAIL**

1/2" = 1'-0"

**GENERAL NOTES:**

1. UNDERGROUND FUEL TANKS AND RELATED PLUMBING FOR REFERENCE ONLY. THIS EQUIPMENT WILL BE PROVIDED AND INSTALLED BY THE A.H.T.D.
2. ALL PLUMBING/PIPING TO CONFORM WITH ARKANSAS HEALTH DEPT., ARKANSAS PLUMBING CODE, AND ANY LOCAL CODES.
3. ALL ELECT. TO CONFORM WITH N.E.C., LATEST EDITION. (ARTICLE 514 - GASOLINE DISPENSING AND SERVICE STATIONS)
4. ALL UNDERGROUND TANK LOCATIONS TO BE DETERMINED AT JOB SITE AND AS DIRECTED.
5. SEE SPECIFICATIONS FOR EXTENT OF WORK TO BE PERFORMED BY CONTRACT.

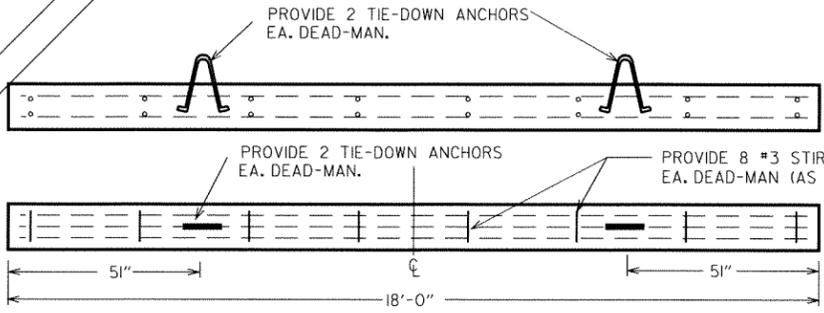


**CROSS SECTION**

- NOTES: 1. ALL CONCRETE TO BE CLASS 'A'.  
2. PROVIDE WASHERS ON ALL BOLTS (TYP.).

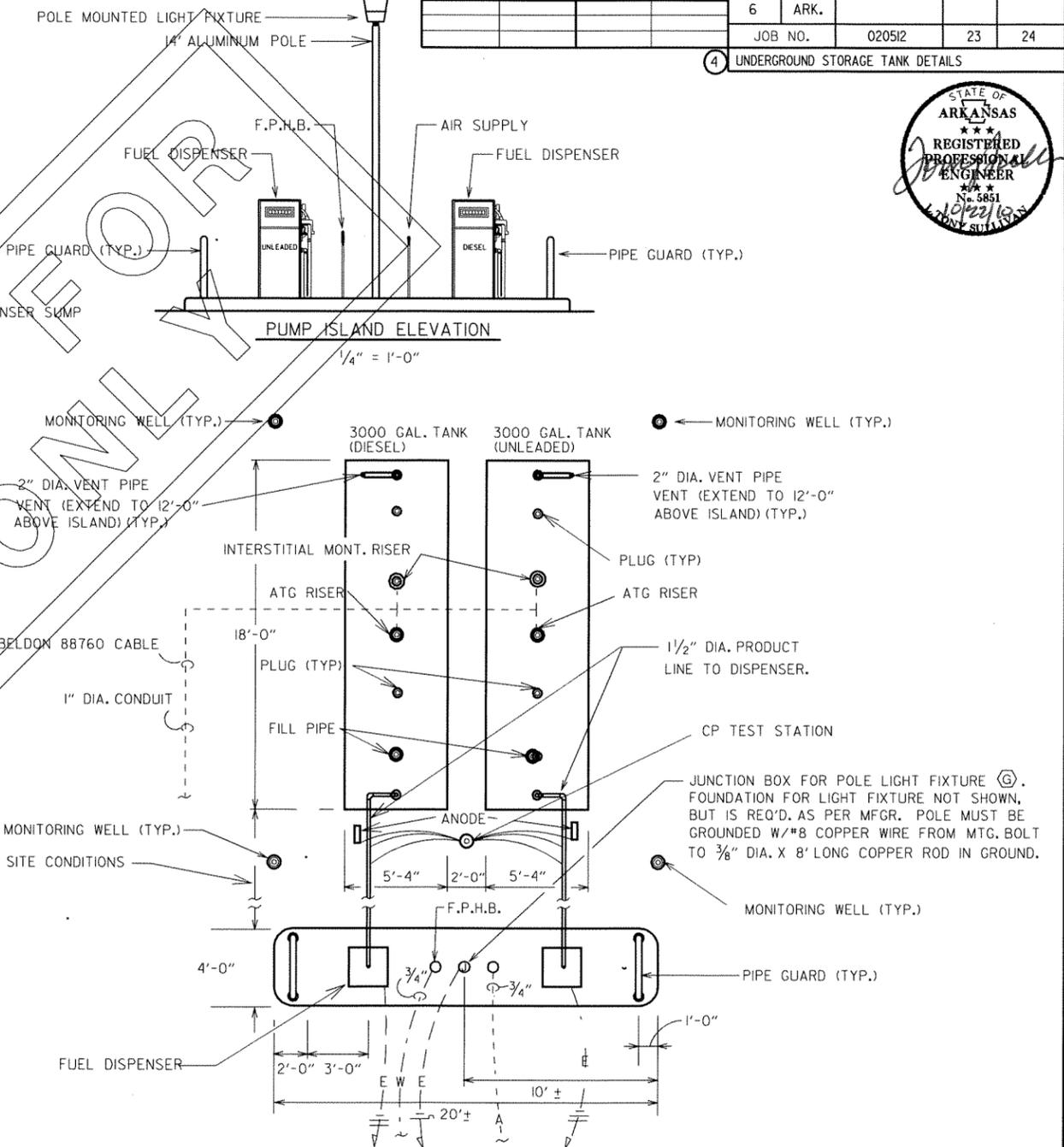
**UNDERGROUND TANK TIE DOWN DETAIL**

1/4" = 1'-0"



**DEAD-MAN DETAILS (3,000 GAL. TANK)**

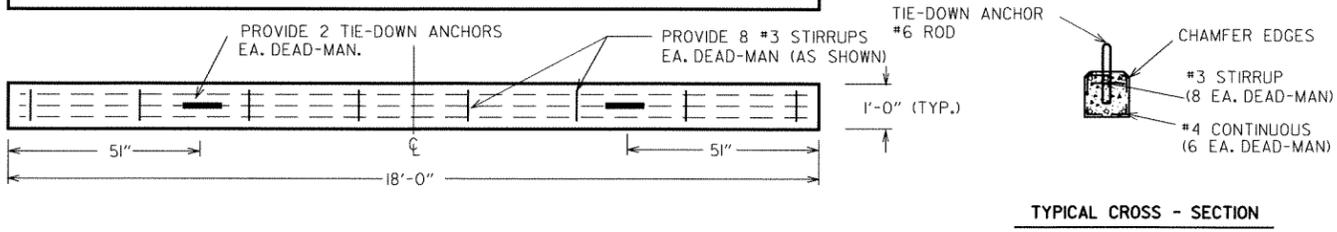
1/2" = 1'-0"



**PUMP ISLAND DETAIL**

1/4" = 1'-0"

FOR CONT. OF THESE LINES SEE DWG. P-1, E-1, & L-1

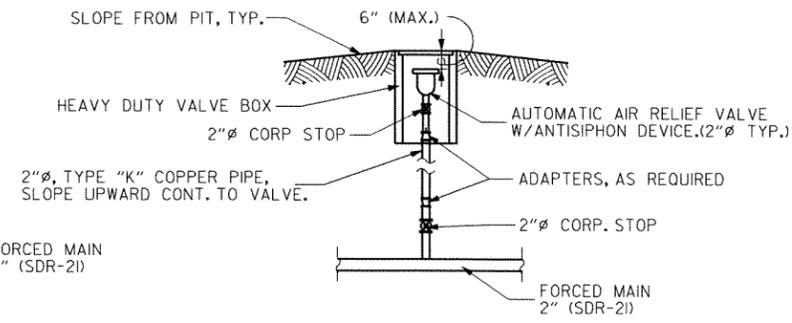
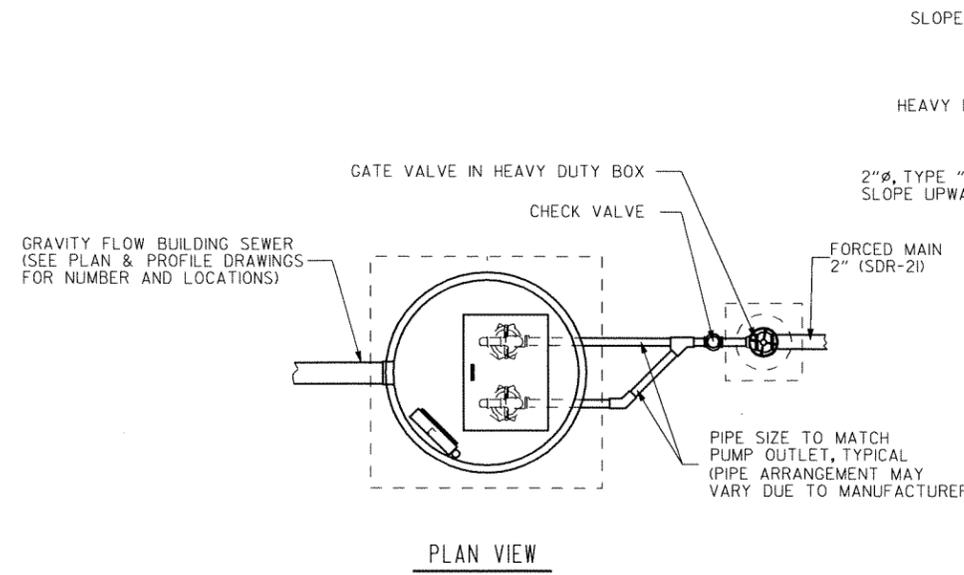


**TYPICAL CROSS - SECTION**

PROPOSED PLANS FOR A.H.T.D.	
<b>ARKANSAS COUNTY #1</b>	
<b>AREA HEADQUARTERS</b>	
STUTTGART, ARKANSAS	
ARKANSAS COUNTY, DISTRICT #2	DRAWING NO.
UNDERGROUND STORAGE TANK DETAILS	<b>UT-1</b>
DATE: _____	REVISED: 07-28-10

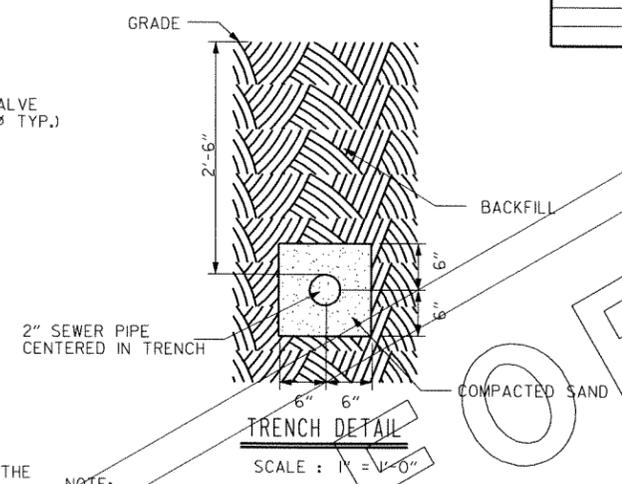
DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
				6	ARK.		24	24
				JOB NO.	020512			

4 SEWER DETAILS

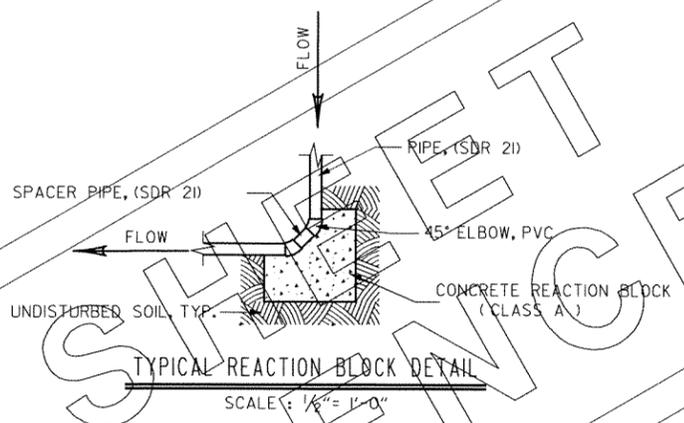
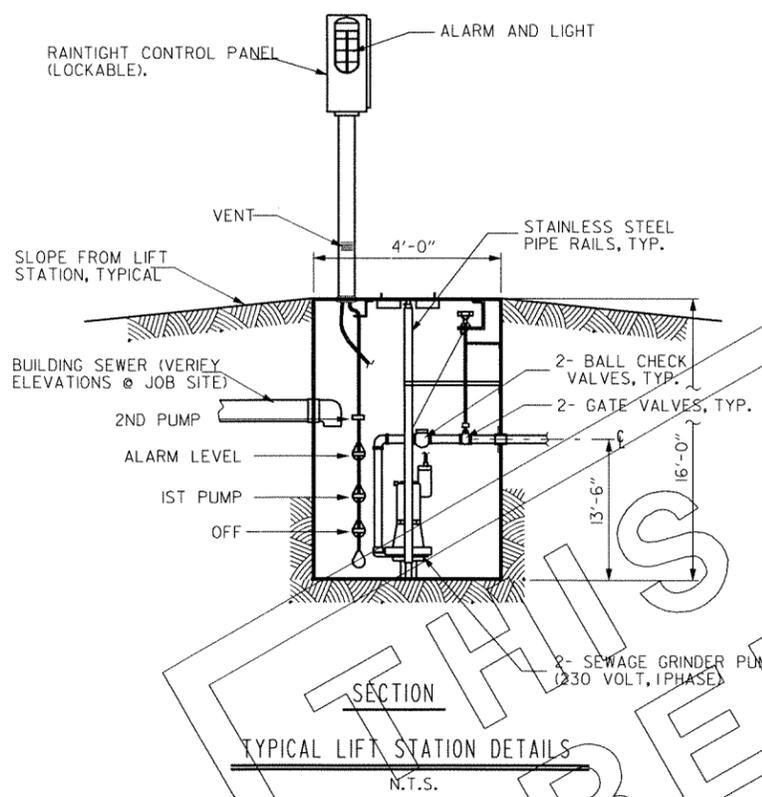


**AUTOMATIC AIR/VACUUM RELIEF VALVE DETAILS**

- NOTES:
- AIR RELIEF VALVES ARE TO BE INSTALLED @ HIGH POINT(S) IN THE NEW FORCED MAIN SEWER, AS REQUIRED BY THE ARKANSAS STATE HEALTH DEPARTMENT.
  - APCO 400 SEWAGE AIR RELEASE VALVE OR APPROVED EQUAL
  - ALL VALVE BOXES ARE TO BE SUBSIDIARY TO THE VARIOUS VALVE PAY ITEMS. (THIS ALSO INCLUDES GATE VALVE BOXES.)



- NOTE:
- BACKFILL MATERIAL SHALL BE FIRMLY COMPACTED TO THE SAME CONDITION AS THE SURROUNDING AREA, TO THE SATISFACTION OF THE ENGINEER.
  - THE 12" OF BEDDING MATERIAL SURROUNDING THE PIPE SHALL MEET THE MAXIMUM PARTICLE SIZE OF AWWA C605 REQUIREMENTS.

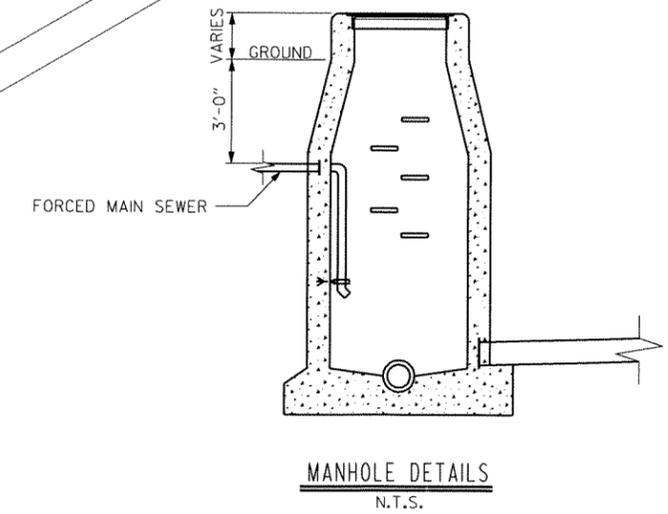


- NOTES:
- PROVIDE REACTION BLOCK @ ALL DIRECTIONAL CHANGES OF 45° OR MORE, TYPICAL.
  - REACTION BLOCKS TO BE USED AS REQUIRED ON SEWER MAINS
  - REACTION BLOCK SIZE TO BE AS PER PIPE DIAMETER AND PRESSURE REQUIREMENTS.

**GENERAL NOTES**

- NOTES:
- LIFT STATION IS TO HAVE FIBERGLAS BASIN W/MYERS, OR APPROVED EQUAL, WG20, 2 H.P., 3450 RPM, 230 VOLT SINGLE PHASE, 3.875" DIA. IMPELLER, 30 GPM @ 30' OF HEAD, DUPLEX GRINDER PUMPS, IN THE PACKAGED LIFT STATION.
  - INSTALL AS PER LIFT STATION MANUFACTURERS RECOMMENDATIONS. SEE PLANS FOR APPROXIMATE LOCATIONS.
  - 2ND PUMP LEVEL IS TO BE SET @ LOWEST INCOMING SEWER ELEVATION.

- ALL PIPING IS TO BE IN ACCORDANCE W/ ARKANSAS STATE HEALTH DEPARTMENT, & STUTTGART SEWER DEPT. REGULATIONS.
- WHERE A MINIMUM OF 10' HORIZONTAL CLEARANCE BETWEEN WATER AND SEWER LINES IS NOT POSSIBLE, A SCH. 40 PVC ENCASUREMENT PIPE (W/ GLUED JOINTS & FILLED W/ SAND) IS TO BE USED.
- IN ALL AREAS WHERE EXCAVATION OCCURS OR AS DIRECTED, INCLUDE FURNISHING & PLACING OF SOLID SOD OR PERMANENT SEEDING AND MULCH COVER ACCORDING TO SECTIONS 816 OF SPECIFICATIONS REPLACEMENT OF ROCK RIP-RAP IN EXCAVATED AREAS, ACCORDING TO SECTIONS 620 OF THE SPECIFICATIONS.
- ALL ELECTRICAL WORK IS TO BE IN ACCORDANCE W/ NATIONAL ELECTRIC CODE, LATEST EDITION.
- SEE SPECIFICATIONS FOR MORE INFORMATION ON MATERIALS AND CONSTRUCTION METHODS.
- NO PLASTIC ANCHOR INSERTS WILL BE ALLOWED.
- ALL LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND MAY VARY DUE TO SITE CONDITIONS.



PROPOSED PLANS FOR A. H. T. D.

**ARKANSAS COUNTY #1.**

**AREA HEADQUARTERS**

STUTTGART, ARKANSAS

ARKANSAS COUNTY, DISTRICT #2

SEWER DETAILS

DRAWING NO.

**S-1**

PLAN UPDATED : 10-07-10