

"THIS IS A FULLY CONTROLLED ACCESS FACILITY"

DATE REVISED	DATE FILMED	DATE REVISED	DATE FILMED	FED. RD. DIST. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEET
				6	ARK.			
						JOB NO. 080497	1	105

2 ARKANSAS TOURIST INFORMATION CENTER (BIG PINEY) (S)

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
CONSTRUCTION PLANS

ARKANSAS TOURIST INFORMATION CENTER

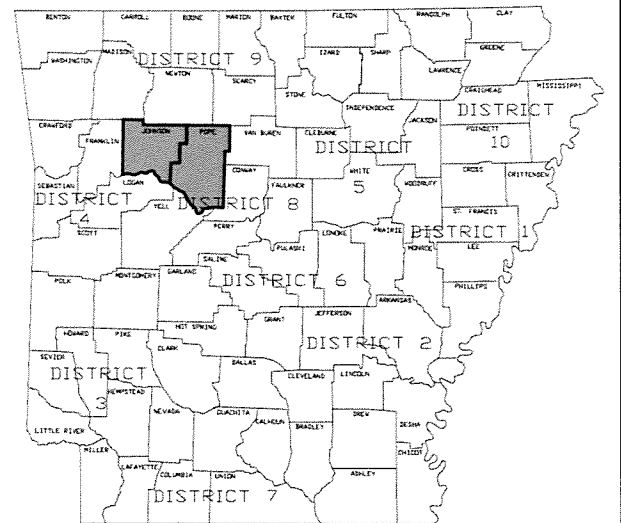
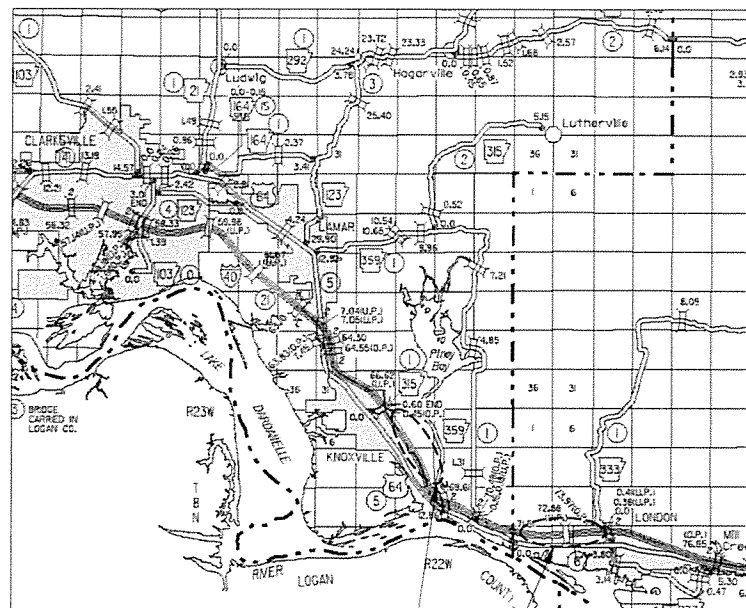
(BIG PINEY) (S)

JOHNSON & POPE COUNTIES

ROUTE 40 SECTION 21 & 22

F.A.P. STPE-ENHN(482)

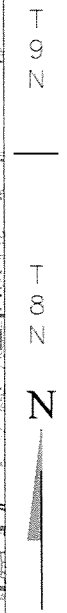
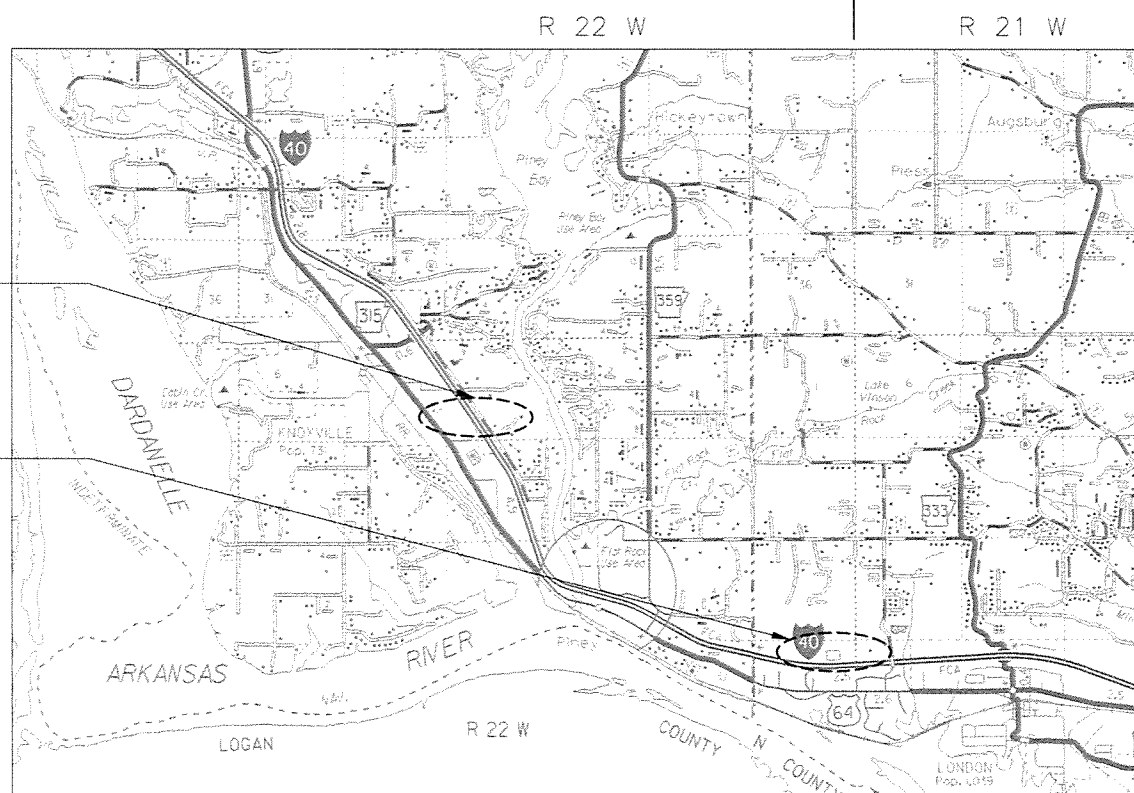
JOB 080497



ARKANSAS HIGHWAY DISTRICTS 4 & 8

PROJECT LOCATION TOURIST INFORMATION CENTER (EASTBOUND)
PROJECT LOCATION TOURIST INFORMATION CENTER (WESTBOUND)

VICINITY MAP



PROJECT LOCATION TOURIST INFORMATION CENTER (EASTBOUND)
(1 MILE EAST OF HWY. 315
L.M. 67.6)

PROJECT LOCATION TOURIST INFORMATION CENTER (WESTBOUND)
(1.5 MILE WEST OF HWY. 333
L.M. 72.5)
MID POINT: 35° 20' 12" N LATITUDE; 93° 17' 07" W LONGITUDE

LOCATION MAP (NOT TO SCALE)

PROJECT COORDINATES
MID-POINT OF PROJECT (EASTBOUND)
LAT. = N 35° 22' 33"
LONG. = W 93° 20' 43"

MID-POINT OF PROJECT (WESTBOUND)
LAT. = N 35° 20' 12"
LONG. = W 93° 17' 07"



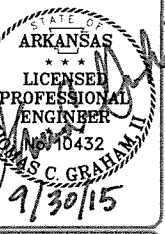
STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 10432
C. GRAHAM
9/30/15

ARKANSAS TOURIST INFORMATION CENTER (BIG PINEY) - SHEET INDEX

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G-004	4	GOVERNING SPECIFICATIONS	-	-	-	-
G-005	5	SUMMARY OF QUANTITIES	-	-	-	-
C-001	6	GENERAL NOTES AND LEGEND	-	-	-	-
C-002	7	OVERALL SURVEY PLAN (EASTBOUND)	-	-	-	-
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C-004	9	OVERALL SITE PLAN (EASTBOUND)	-	-	-	-
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C-103	13	TOURIST INFORMATION CENTER AND MAINTENANCE BUILDING GRADING AND EROSION CONTROL PLAN (EASTBOUND)	-	-	-	-
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C-113	17	TOURIST INFORMATION CENTER GRADING AND EROSION CONTROL PLAN (WESTBOUND)	-	-	-	-
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ARKANSAS TOURIST INFORMATION CENTER (BIG PINEY) - SHEET INDEX

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JOB NO	DATE	APPR	DESCRIPTION
080487	10/1/15	JR	ISSUED FOR CONSTRUCTION

Job Number	Submitted by	Job Date	Plot Date	Print Scale	Drawn by	Checked by	File Name
080487	J. RANNEY	10/1/15	10/2/15	1:2	S. BOWEN	G. ARCHER	AK15BP-G-002.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080487
SHEET INDEX

Sheet Reference Number:
G-002
 Sheet 2 of 105

BUILDING CODE INFORMATION

EVALUATED UNDER 2012 ARKANSAS FIRE PROTECTION CODE, BASED ON 2012 INTERNATIONAL BUILDING CODE

TOURIST INFORMATION CENTER

GENERAL:

THIS PROJECT IS THE CONSTRUCTION OF A NEW TOURIST INFORMATION CENTER (RESTROOM FACILITY) AT LOCATIONS ALONG ARKANSAS INTERSTATE HIGHWAYS
PRIMARY USES WILL BE AS FOLLOWS:
MEN AND WOMEN RESTROOMS
VENDING AREA

SPECIAL INSPECTIONS:

NONE REQUIRED (CHAPTER 17; SECTION 1704.2, EXCEPTION 3)

OCCUPANCY CLASSIFIED:

U UTILITY (NON-SEPARATED)(CHAPTER 303)

OCCUPANCY SEPARATION:

NON-SEPARATED - PRIMARY OCCUPANCY TO BE GROUP U, UTILITY.

TYPE OF CONSTRUCTION:

Type IIB UNPROTECTED (TABLE 601)
NON-SPRINKLERED NOT REQUIRED PER CHAPTER 9; SECTION 903

ALLOWABLE HEIGHT:

(CHAPTER 5, TABLE 503)
ACTUAL: 22'-0"
ALLOWED: 55'-0"

ALLOWABLE STORIES:

(CHAPTER 5, TABLE 503)
ACTUAL: 1
ALLOWED: 2

ALLOWABLE BUILDING AREAS:

(CHAPTER 5, TABLE 503)
ACTUAL: 3,995 GSF
ALLOWED: 8,500 GSF PER FLOOR/STORY

AREA INCREASE:

(CHAPTER 5, SECTION 506.2)
FRONTAGE AREA INCREASE NOT REQUIRED

SPRINKLER AREA INCREASE:

NOT ALLOWED

FIRE SEPARATION:

(CHAPTER 5, TABLE 508.4; CHAPTER 7)
NON-SEPARATED USE - NO FIRE SEPARATION REQUIRED

SHAFT ENCLOSURES - FIRE RESISTANCE RATING: (CHAPTER 7, SECTION 713.4: LESS THAN 4 STORES: 1-HOUR FIRE RATING REQUIRED)

TORNADO SHELTER AREA: NOT REQUIRED

MECHANICAL AREA: (CHAPTER 5, TABLE 509): NOT REQUIRED

EGRESS REQUIREMENTS:

(CHAPTER 10; TABLE 1004.1.2)
OCCUPANT LOAD
GROUP U UTILITY 56 OCCUPANTS - (28 MEN: 28 WOMEN) BASED ON NUMBER OF FIXTURES AVAILABLE FOR
TOTAL OCCUPANT LOAD 56 OCCUPANTS

MEANS OF EGRESS:

(CHAPTER 10, SECTION 1015)
EXITS
EXITS REQUIRED: 2
EXITS PROVIDED: 2

COMMON PATH OF TRAVEL (CHAPTER 10; SECTION 1014; TABLE 1014.3):

GROUP U, NON-SPRINKLERED
ACTUAL: 52'-0"
ALLOWED: 75'-0"

EXIT ACCESS TRAVEL DISTANCE (CHAPTER 10; SECTION 1016; TABLE 1016.2):

GROUP A-3, NON-SPRINKLERED - 300'
ACTUAL: 68'-0"
ALLOWED: 300'-0"

EXIT LOAD:

56 OCCUPANT/2 EXITS PROVIDED: 28 OCCUPANTS PER EXIT

EXIT STAIRWAYS (CHAPTER 10, SECTION 1005.3.1, SECTION 1009):
NOT REQUIRED

EXIT STAIRWAY FIRE RESISTANCE RATING (CHAPTER 10, SECTION 1005.3.1, SECTION 1009.3.1.2):
LESS THAN 4 STORIES: 1 HOUR FIRE RATING REQUIRED - N/A

EXIT CORRIDORS:

WIDTH (CHAPTER 10, SECTION 1005.3.2, SECTION 1018):
REQUIRED WIDTH: 28 OCCUPANTS x 0.2 CAPACITY FACTOR = 5.6"
PROVIDED WIDTH: 48" MIN.
MINIMUM CORRIDOR WIDTH (TABLE 1018.2): 44"
EXIT CORRIDOR FIRE RESISTANCE RATING (CHAPTER 7, SECTION 722.6; CHAPTER 10, SECTION 1018, TABLE 1018.1):
GROUP U, NON-SPRINKLERED AND OCCUPANT LOAD LESS THAN 30; NO RATING REQUIRED FOR WALLS AND CEILING.

EXIT DOORS:

WIDTH (CHAPTER 10, SECTION 1008):
REQUIRED WIDTH: 28 OCCUPANTS x 0.2 CAPACITY FACTOR = 5.6"
PROVIDE WIDTH: 2 PROVIDED 36" MIN. (OR 72")
MINIMUM CLEAR WIDTH (SECTION 1008.1.1) 32"

FIRESTOPPING:

NONE REQUIRED

BUILDING CODE INFORMATION

EVALUATED UNDER 2012 ARKANSAS FIRE PROTECTION CODE, BASED ON 2012 INTERNATIONAL BUILDING CODE

MAINTENANCE BUILDING

GENERAL:

THIS PROJECT IS THE CONSTRUCTION OF A NEW MAINTENANCE FACILITY AT LOCATIONS ALONG ARKANSAS INTERSTATE HIGHWAYS
PRIMARY USES WILL BE AS FOLLOWS:
MAINTENANCE EQUIPMENT STORAGE

SPECIAL INSPECTIONS:

NONE REQUIRED (CHAPTER 17; SECTION 1704.2, EXCEPTION 3)

OCCUPANCY CLASSIFIED:

U UTILITY (NON-SEPARATED)(CHAPTER 303)

OCCUPANCY SEPARATION:

NON-SEPARATED - PRIMARY OCCUPANCY TO BE GROUP U, UTILITY.

TYPE OF CONSTRUCTION:

Type IIB UNPROTECTED (TABLE 601)
NON-SPRINKLER NOT REQUIRED PER CHAPTER 9; SECTION 903

ALLOWABLE HEIGHT:

(CHAPTER 5, TABLE 503)
ACTUAL: 15'-0"
ALLOWED: 55'-0"

ALLOWABLE STORIES:

(CHAPTER 5, TABLE 503)
ACTUAL: 1
ALLOWED: 2

ALLOWABLE BUILDING AREAS:

(CHAPTER 5, TABLE 503)
ACTUAL: 800 GSF
ALLOWED: 8,500 GSF PER FLOOR/STORY

AREA INCREASE:

(CHAPTER 5, SECTION 506.2)
FRONTAGE AREA INCREASE NOT REQUIRED

SPRINKLER AREA INCREASE:

NOT ALLOWED

FIRE SEPARATION:

(CHAPTER 5, TABLE 508.4; CHAPTER 7)
NON-SEPARATED USE - NO FIRE SEPARATION REQUIRED

SHAFT ENCLOSURES - FIRE RESISTANCE RATING: (CHAPTER 7, SECTION 713.4: LESS THAN 4 STORES: 1-HOUR FIRE RATING REQUIRED)

TORNADO SHELTER AREA: NOT REQUIRED

MECHANICAL AREA: (CHAPTER 5, TABLE 509): NOT REQUIRED

EGRESS REQUIREMENTS:

(CHAPTER 10; TABLE 1004.1.2)
OCCUPANT LOAD
GROUP U UTILITY 2 OCCUPANTS - (800/500=1.6 - 2)
TOTAL OCCUPANT LOAD 2 OCCUPANTS

MEANS OF EGRESS:

(CHAPTER 10, SECTION 1015; TABLE 1015.1)
EXITS
EXITS REQUIRED: 1
EXITS PROVIDED: 1

COMMON PATH OF TRAVEL (CHAPTER 10; SECTION 1014; TABLE 1014.3):

GROUP U, NON-SPRINKLERED
ACTUAL: 40'-0"
ALLOWED: 75'-0"

EXIT ACCESS TRAVEL DISTANCE (CHAPTER 10; SECTION 1016; TABLE 1016.2):

GROUP A-3, NON-SPRINKLERED - 300'
ACTUAL: 40'-0"
ALLOWED: 300'-0"

EXIT LOAD:

2 OCCUPANTS/1 EXITS PROVIDED: 2 OCCUPANTS PER EXIT

EXIT STAIRWAYS (CHAPTER 10, SECTION 1005.3.1, SECTION 1009):
NOT REQUIRED

EXIT STAIRWAY FIRE RESISTANCE RATING (CHAPTER 10, SECTION 1005.3.1, SECTION 1009.3.1.2):
LESS THAN 4 STORIES: 1 HOUR FIRE RATING REQUIRED - N/A

EXIT CORRIDORS:

WIDTH (CHAPTER 10, SECTION 1005.3.2, SECTION 1018):
REQUIRED WIDTH: OCCUPANTS x 0.2 CAPACITY FACTOR = 0.4"
PROVIDED WIDTH: N/A DIRECT EXIT TO EXTERIOR
MINIMUM CORRIDOR WIDTH (TABLE 1018.2): 44"
EXIT CORRIDOR FIRE RESISTANCE RATING (CHAPTER 7, SECTION 722.6; CHAPTER 10, SECTION 1018, TABLE 1018.1):
GROUP U, NON-SPRINKLERED AND OCCUPANT LOAD LESS THAN 30; NO RATING REQUIRED FOR WALLS AND CEILING.

EXIT DOORS:

WIDTH (CHAPTER 10, SECTION 1008):
REQUIRED WIDTH: 2 OCCUPANTS x 0.2 CAPACITY FACTOR = 0.4"

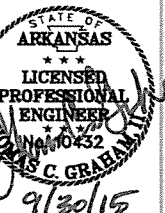
PROVIDE WIDTH: 1 PROVIDED 36" MIN.
MINIMUM CLEAR WIDTH (SECTION 1008.1.1) 32"

FIRESTOPPING:

NONE REQUIRED



4701 Northshore Drive
N Little Rock, AR 72118
501-376-3333
www.GarverUSA.com



Job Number	090497	Job Title	NA	Job Date	NA	Job Status	NA
Submitted by	J. FRASER	Checked by	G. ARCHER	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION
Job Title	NA	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION	Job Title	NA
Job Title	NA	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION	Job Title	NA

Job Number	090497	Job Title	NA	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION
Submitted by	J. FRASER	Checked by	G. ARCHER	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION
Job Title	NA	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION	Job Title	NA
Job Title	NA	Job Date	9/30/15	Job Status	ISSUED FOR CONSTRUCTION	Job Title	NA

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT	ARKANSAS TOURIST INFORMATION CENTER	JOB 090497	CODE ANALYSIS
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Sheet Reference Number	G-003
Sheet	3 of 105

GENERAL NOTES:

1. GRADE LINE DENOTES FINISHED GRADE WHERE SHOWN ON PLANS.
2. ALL PIPE LINES, POWER, TELEPHONE, AND TELEGRAPH LINES TO BE MOVED OR LOWERED BY THE RESPECTIVE OWNERS AS PER AGREEMENT WITH SUCH OWNERS.
3. ANY EQUIPMENT OR APPURTENANCE THAT INTERFERES WITH THE PROPOSED CONSTRUCTION AND WHICH MAY BE THE PROPERTY OF UTILITY SERVICE ORGANIZATIONS SHALL BE MOVED BY THE OWNERS UNLESS OTHERWISE PROVIDED.
4. ALL LAND MONUMENTS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 107.12 OF THE STANDARD SPECIFICATIONS.
5. ALL TREES THAT DO NOT DIRECTLY INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE SPARED AS DIRECTED BY THE ENGINEER. CARE AND DISCRETION SHALL BE USED TO INSURE THAT ALL TREES NOT TO BE REMOVED SHALL BE HARMED AS LITTLE AS POSSIBLE DURING THE CONSTRUCTION OPERATIONS.
6. THE EXISTING CONCRETE SIDEWALK TO BE REMOVED FROM THE REMAINING SIDEWALK SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE SIDEWALK TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE SIDEWALK THAT IS TO REMAIN. ANY DAMAGE OF THE SIDEWALK THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
7. ALL FLEXIBLE BASE AND ASPHALTIC PAVEMENTS REMOVED SHALL BE PAID FOR UNDER THE ITEM NO. 210 - UNCLASSIFIED EXCAVATION.
8. THE EXISTING ASPHALT PAVEMENT TO BE REMOVED FROM THE REMAINING PAVEMENT SHALL BE SEPARATED BY SAWING ALONG A NEAT LINE. AFTER SAWING, THE PAVEMENT TO BE REMOVED SHALL BE CAREFULLY REMOVED IN A MANNER THAT WILL NOT DAMAGE THE PAVEMENT THAT IS TO REMAIN. ANY DAMAGE OF THE ASPHALT PAVEMENT THAT IS TO REMAIN IN PLACE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

GOVERNING SPECIFICATIONS

ARKANSAS STATE HIGHWAY COMMISSION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, EDITION OF 2014, AND THE FOLLOWING SPECIAL PROVISIONS AND SUPPLEMENTAL SPECIFICATIONS:

ERRATA _____ ERRATA FOR THE BOOK OF STANDARD SPECIFICATIONS

- FHWA-1273 _____ REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS
- FHWA-1273 _____ SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - NOTICE TO CONTRACTORS
- FHWA-1273 _____ SUPPLEMENT - SPECIFIC EQUAL EMPLOYMENT OPPORTUNITY RESPONSIBILITIES (23 U.S.C. 140)
- FHWA-1273 _____ SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - GOALS AND TIMETABLES
- FHWA-1273 _____ SUPPLEMENT - EQUAL EMPLOYMENT OPPORTUNITY - FEDERAL STANDARDS
- FHWA-1273 _____ SUPPLEMENT - POSTERS AND NOTICES REQUIRED FOR FEDERAL-AID PROJECTS
- FHWA-1273 _____ SUPPLEMENT - WAGE RATE DETERMINATION
- FHWA-1273 _____ SUPPLEMENT - WAGE RATE DETERMINATION - BUILDING

- 108-1 _____ LIQUIDATED DAMAGES
- 620-1 _____ MULCH COVER

- JOB 080497 _____ BIDDING REQUIREMENTS AND CONDITIONS
- JOB 080497 _____ BROADBAND INTERNET SERVICE FOR FIELD OFFICE
- JOB 080497 _____ BUILDERS RISK INSURANCE
- JOB 080497 _____ COMPETENCY OF BIDDERS
- JOB 080497 _____ DOCUMENTATION OF PAYMENTS MADE TO DISADVANTAGED BUSINESS ENTERPRISES
- JOB 080497 _____ MANDATORY ELECTRONIC CONTRACT
- JOB 080497 _____ MEASUREMENT AND PAYMENT
- JOB 080497 _____ PARTNERING REQUIREMENTS
- JOB 080497 _____ PROJECT MANUAL
- JOB 080497 _____ STANDARD SPECIFICATIONS APPLICABILITY
- JOB 080497 _____ STORM WATER POLLUTION PREVENTION PLAN
- JOB 080497 _____ UTILITY ADJUSTMENTS
- JOB 080497 _____ VALUE ENGINEERING

ARKANSAS TOURIST INFORMATION CENTER (BIG PINEY) (S) JOB NO. 080497

THE CONTRACTOR SHALL PROVIDE ALL OF THE WATER AND SANITARY SEWER SERVICES NECESSARY TO PROVIDE UTILITY SERVICES TO THE TOURIST INFORMATION CENTERS (TICS) (EASTBOUND AND WESTBOUND). ELECTRICAL WORK SHALL INCLUDE ALL SITE LIGHTING AND BUILDING ELECTRICAL SERVICES FOR THE TICS AND THE MAINTENANCE BUILDING. THE CONTRACTOR IS RESPONSIBLE FOR THE DEMOLITION AND RE-ROUTING OF EXISTING UTILITIES THAT INTERFERE WITH THE CONSTRUCTION OF THE NEW TICS AND MAINTENANCE BUILDING.

OWNER:

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT
P.O. BOX 2261
LITTLE ROCK, ARKANSAS 72203-2261

CONTACT: RAY GRUVER, SECTION HEAD
MAINTENANCE DIVISION, FACILITIES MANAGEMENT SECT.
PHONE: 501-569-2090
FAX: 501-569-2011

OPERATOR:

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

DESIGN FIRM ARCHITECTURE AND ENGINEERING:

GARVER, LLC
4701 NORTHSHORE DRIVE
NORTH LITTLE ROCK, ARKANSAS 72218
PHONE: 501-376-3633
FAX: 501-372-8042

ARCHITECT: JOHN RAMSEY, R.A.

MECHANICAL ENGINEER: LEE SUGGS, P.E.

STRUCTURAL ENGINEER: DAVID CLEMENT, P.E.

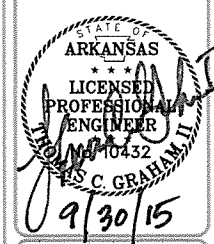
ELECTRICAL ENGINEER: BRYAN MELTON, P.E.

CIVIL ENGINEER: THOMAS GRAHAM, P.E.

"I HEREBY CERTIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY SUPERVISION. I FURTHER CERTIFY THAT TO THE BEST OF MY KNOWLEDGE THESE PLANS AND SPECIFICATIONS ARE AS REQUIRED BY LAW AND IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS."

Thomas C. Graham II
THOMAS C. GRAHAM II, ENGINEER

John Ramsey
JOHN RAMSEY, R.A.



Job Number	080497
Submitted by	J.R. SE
Director, Federal Services	N/A
Plot Scale	1:1
Plot Date	10/14/15
Drug Code	
Designed by	T. GRAHAM
Drawn by	T. BARTON
Checked by	G. ARCHER
File Name	AK18EP-G-004.DWG
IFC Symbol	
ISSUED FOR CONSTRUCTION	
Date	10/17/15
JRR	Apr

Job Number	080497
Submitted by	J.R. SE
Director, Federal Services	N/A
Plot Scale	1:1
Plot Date	10/14/15
Drug Code	
Designed by	T. GRAHAM
Drawn by	T. BARTON
Checked by	G. ARCHER
File Name	AK18EP-G-004.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

GOVERNING SPECIFICATIONS

Sheet Reference Number:
G-004
Sheet 4 of 105

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES AHTD Job No. 080497			
ITEM NUMBER	ITEM	QUANTITY	UNIT
201	CLEARING	0.42	ACRE
201	GRUBBING	0.42	ACRE
202	REMOVAL AND DISPOSAL OF BUILDINGS	4	EACH
202	REMOVAL AND DISPOSAL OF CONCRETE WALKS	1002	SQYD
202	REMOVAL AND DISPOSAL OF CURB AND GUTTER	36	LF
202	REMOVAL AND DISPOSAL OF ELECTRICAL TRANSFORMER	2	EACH
202	REMOVAL AND DISPOSAL OF FENCE	30	LF
202	REMOVAL AND DISPOSAL OF RETAINING WALLS	144	LF
202	REMOVAL AND DISPOSAL OF PIPE	380	LF
202	REMOVAL AND DISPOSAL OF POLE AND FOUNDATION	2	EACH
202	REMOVAL AND DISPOSAL OF SIGNS	2	EACH
202	REMOVAL AND DISPOSAL OF TELEPHONE PEDESTAL	1	EACH
202	REMOVAL AND DISPOSAL OF UNDERGROUND ELECTRICAL LINE	813	LF
210	UNCLASSIFIED EXCAVATION	2140	CUYD
210	COMPACTED EMBANKMENT	3950	CUYD
001	MOBILIZATION	1.00	L.S.
SP & 002	FURNISHING FIELD OFFICE	1	EACH
003	MAINTENANCE OF TRAFFIC	1.00	L.S.
004	REMOVAL OF PERMANENT PAVEMENT MARKINGS	102	LF
004	REMOVAL OF PERMANENT PAVEMENT MARKINGS (WHEELCHAIR EMBLEMS)	2	EACH
008	18" REINFORCED CONCRETE PIPE CULVERTS (CLASS II)	156	LF
009	DROP INLETS (TYPE E)	2	EACH
020	SEEDING	1.09	ACRE
SS & 020	MULCH COVER	1.37	ACRE
020	WATER	188.0	M.GAL
020	LIME	2	TON
021	DROP INLET SILT FENCE	56	LF
021	TEMPORARY SEEDING	1.37	ACRE
021	SILT FENCE	1420	LF
021	SEDIMENT REMOVAL AND DISPOSAL	40	CUYD
024	SOLID SODDING	1332	SQYD
033	CONCRETE WALKS	738	SQYD
033	CONCRETE STEPS	41	SQYD
033	HAND RAILING	36	LF
041	WHEELCHAIR RAMPS (TYPE SPECIAL)	24	SQYD
718	REFLECTORIZED PAINT PAVEMENT MARKING WHITE (4")	486	LF
718	REFLECTORIZED PAINT PAVEMENT MARKING SYMBOLS (WHEELCHAIR)	4	EACH
SP	SITE UTILITIES	1.00	L.S.
SP	SITE FURNISHINGS	1.00	L.S.
SP	EXTERIOR ELECTRICAL DISTRIBUTION	1.00	L.S.
SP	EXTERIOR AREA LIGHTING	1.00	L.S.
SP	TOURIST INFORMATION CENTER FACILITY	2.00	L.S.
SP	MAINTENANCE BUILDING	1.00	L.S.

FOR INFORMATION ONLY

SITE UTILITIES AHTD Job No. 080497			
ITEM	ITEM	QUANTITY	UNIT
	6" SDR 26 PVC SANITARY SEWER	140	LF
	SANITARY SEWER CLEANOUT	2	EACH
	TWO-WAY SANITARY SEWER CLEANOUT	4	EACH
	4" WATER LINE	728	LF
	4" VALVE	8	EACH
	4"x2" TEE	2	EACH
	4" TO 2" REDUCER	2	EACH
	4"x4" TEE	2	EACH
	4"-450 BEND	15	EACH
	1" VALVE	1	EACH
	1" WATER LINE	22	LF
	4"x1 1/4" TEE	8	EACH
	4"x1 1/4" VALVE	8	EACH
	1 1/4" WATER LINE	128	LF
	4"x2 1/2" TEE	4	EACH
	2 1/2" VALVE	4	EACH
	2 1/2" WATER LINE	40	LF

EROSION CONTROL PLAN REVISION

DATE	REVISION

FOR INFORMATION ONLY

REMOVAL AND DISPOSAL OF PIPE AHTD Job No. 080497			
ITEM	ITEM	QUANTITY	UNIT
	SANITARY SEWER LINE	145	LF
	WATER LINE (INCLUDING 2 WATER VALVES)	241	LF

REVISIONS

REVISION AHTD Job No. 080497		
DATE	REVISION	SHEET NUMBER
11/19/2015	REVISED CONCRETE WALKS QUANTITY	G-005
11/24/2015	REVISED REMOVAL AND DISPOSAL OF CONCRETE WALKS QUANTITY	G-006
11/24/2015	REVISED REMOVAL AND DISPOSAL OF CONCRETE WALKS QUANTITY	C-101

EROSION CONTROL

EROSION CONTROL												
STATION	STATION	LOCATION	PERMANENT EROSION CONTROL				TEMPORARY EROSION CONTROL					
			SEEDING	WATER	LIME	SOLID SODDING	TEMPORARY SEEDING	MULCH COVER	WATER	DROP INLET SILT FENCE	SILT FENCE	*SEDIMENT REMOVAL & DISPOSAL
			ACRE	MGAL	TON	SQYD	ACRE	ACRE	MGAL	(E-7) LF	(E-11) LF	CUYD
ENTIRE PROJECT	ENTIRE SITE		1.09	128.0	2.0	1332	1.37	1.37	28.0	56	1420	40
*ENTIRE PROJECT TO BE USED IF AND WHERE DIRECTED BY THE ENGINEER.												
TOTALS:			1.09	128.0	2.0	1332	1.37	1.37	28.0	56	1420	40
BASIS OF ESTIMATE:												
LIME.....2 TONS / ACRE OF SEEDING.												
WATER.....102 M.G. / ACRE OF SEEDING.												
WATER.....20.4 M.G. / ACRE OF TEMPORARY SEEDING.												
WATER.....12.6 GAL / SQ. YD. OF SOLID SODDING.												
NOTE: THE TEMPORARY EROSION CONTROL DEVICES SHOWN ABOVE AND ON THE PLANS SHALL BE INSTALLED IN SUCH A SEQUENCE AS TO DETER EROSION AND SEDIMENTATION ON U.S. WATERWAYS AS EXPLAINED BY THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT.												
*QUANTITIES ARE ESTIMATED. SEE SECTION 104.03 OF THE STD. SPECS.												



Job Number	Issue Date	Issue Description	IFC Symbol
080497	10/11/15	ISSUED FOR CONSTRUCTION	

Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Plot Scale 1:2	N/A	N/A	N/A
Drawn by T. BARTON	Plot Date 11/20/15			
Checked by G. ARCHER	Draw Code			
Designed by T. GRAHAM	File Name AHTSBP-G-005.DWG			

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

SUMMARY OF QUANTITIES

GENERAL SITE NOTES:

- CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS, HOWEVER ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL MARK THE VISIBLE UTILITIES & THE UTILITIES SHOWN ON THE PLANS IN THE FIELD. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKING UNTIL THEY ARE NO LONGER NECESSARY. USE EXTREME CAUTION WHEN EXCAVATING.
- DIMENSIONS ARE GIVEN TO BACK OF CURB, CENTER OF STRIPE, FACE OF BUILDING, EDGE OF PAVEMENT, OR PROPERTY LINE.
- COORDINATES GIVEN FOR RADII ARE FROM THE CENTER OF THE RADIUS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE APPROPRIATE BARRICADES AND SAFETY PRECAUTIONS IN ALL EXCAVATED AREAS. EXCAVATED AREAS SHALL BE ADEQUATELY FILLED OR COVERED BY THE CONTRACTOR BEFORE LEAVING THE JOB SITE EACH DAY.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO EXISTING STRUCTURES, PAVEMENTS, AND UTILITIES.
- THE CONTRACTOR SHALL MAINTAIN THE SITE IN AN ORDERLY AND CLEAN FASHION.
- ALL WASTE MATERIALS GENERATED FROM CONSTRUCTION BECOME THE PROPERTY OF THE CONTRACTOR. THE CONTRACTOR SHALL REMOVE THE WASTE MATERIALS FROM THE SITE AND DISPOSE OF IN A LEGAL MANNER.
- SEE ARCHITECTURAL PLANS FOR BUILDING ACCESS AND A/C CONDENSER DETAILS.
- ALL REINFORCING STEEL SHALL BE GRADE A-60.
- THE CONTRACTOR IS TO REMOVE OR RELOCATE, WHEN APPLICABLE, EASEMENTS, AND CONNECTING IMPROVEMENTS, DRAIN PIPES, POWER POLES AND GUY WIRES, WATER METERS AND WATER LINES, WELLS, SIGN POLES, UNDERGROUND GAS, SEPTIC TANKS, AND ASPHALT, SHOWN AND NOT SHOWN, WITHIN CONSTRUCTION LIMITS AND WHERE NEEDED, TO ALLOW FOR FILL MATERIAL, UNLESS OTHERWISE DENOTED, TO BE REMOVED AND AS "UNCLASSIFIED EXCAVATION".

GENERAL UTILITY NOTES:

- CAUTION: UNDERGROUND UTILITIES LIE WITHIN AND ADJACENT TO THE LIMITS OF CONSTRUCTION. AN ATTEMPT HAS BEEN MADE TO LOCATE THESE UTILITIES ON THE PLANS; HOWEVER, ALL EXISTING UTILITIES MAY NOT BE SHOWN AND THE ACTUAL LOCATIONS OF THE UTILITIES MAY VARY FROM LOCATIONS SHOWN. PRIOR TO BEGINNING ANY TYPE OF EXCAVATION, THE CONTRACTOR SHALL CONTACT THE UTILITIES INVOLVED AND MAKE ARRANGEMENTS FOR THE LOCATION OF THE UTILITIES ON THE GROUND. THE CONTRACTOR SHALL MAINTAIN THE UTILITY LOCATION MARKING UNTIL THEY ARE NO LONGER NECESSARY.
- THE CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION AND SIZE FOR ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
- THE CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND SPECIFICATIONS FOR ACTUAL LOCATION OF ALL UTILITY ENTRANCES TO INCLUDE SANITARY SEWER LATERALS, DOMESTIC AND FIRE PROTECTION WATER SERVICE, ELECTRICAL, TELEPHONE, AND COMMUNICATIONS. CONTRACTOR SHALL COORDINATE INSTALLATION OF UTILITIES IN SUCH A MANNER AS TO AVOID CONFLICTS AND ASSURE PROPER DEPTHS ARE ACHIEVED AS WELL AS COORDINATING WITH LOCAL UTILITY REQUIREMENTS AS TO LOCATIONS AND SCHEDULING FOR TIE-INS/CONNECTIONS PRIOR TO CONNECTING EXISTING FACILITIES.
- THE CONTRACTOR SHALL COMPLY TO THE FULLEST EXTENT WITH THE LATEST STANDARD OF OSHA DIRECTIVES OR ANY OTHER AGENCY HAVING JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR SHALL USE SUPPORT SYSTEMS, SLOPING, BENCHING, AND OTHER MEANS OF PROTECTION. THIS TO INCLUDE, BUT NOT LIMITED TO, ACCESS AND EGRESS FROM ALL EXCAVATION AND TRENCHING. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH PERFORMANCE CRITERIA FOR OSHA.
- THE MINIMUM HORIZONTAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS TEN (10) FEET, OR MINIMUM VERTICAL SEPARATION BETWEEN THE CLOSEST TWO POINTS OF THE WATER AND SEWER LINE IS EIGHTEEN (18) INCHES.
- THE CONTRACTOR SHALL, ON ALL UTILITIES, COORDINATE INSPECTION WITH THE APPROPRIATE AUTHORITIES PRIOR TO COVERING TRENCHES AT INSTALLATION.
- THE CONTRACTOR SHALL COORDINATE UTILITY INSTALLATIONS WITH LOCAL GOVERNING AUTHORITIES. PAYMENT OF ALL FEES REGARDING THE INSTALLATION OF UTILITIES (I.E. TAPPING FEES, PERMIT FEES, INSTALLATION FEES, METER FEES, ETC.) SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

WATER NOTES:

- ALL WATERLINES (12-INCHES OR LESS) SHALL BE FABRICATED FROM PVC C-900, DR18.
- ALL PVC WATER LINE MATERIAL SHALL BE BLUE.
- ALL MECHANICAL JOINT BENDS USED ON WATER MAINS 4-INCHES AND LARGER, SHALL BE RESTRAINED USING RESTRAINED FITTINGS OR CONCRETE THRUST BLOCKS.
- PROVIDE METALLIC TAPE ABOVE ALL WATER DISTRIBUTION LINE ROUTES. INCLUDE A #10 INSULATED COPPER LOCATOR WIRE ABOVE THE PIPE. WIRE SHALL BE BROUGHT TO GRADE AT VALVE BOXES AND HYDRANTS.
- PROVIDE CHLORINATION AND INDEPENDENT TESTING OF WATER SAMPLES FOR NEWLY INSTALLED WATER MAINS AND SERVICE PIPING, IN ACCORDANCE WITH THE ARKANSAS DEPARTMENT OF HEALTH. SAMPLING AND TESTING SHALL BE PERFORMED BY A CERTIFIED LABORATORY QUALIFIED TO PERFORM WATER TESTING.
- PROVIDE A MINIMUM COVER OF THIRTY (30) INCHES FROM FINISHED GRADE TO THE TOP OF THE PIPE UNLESS OTHERWISE SPECIFIED.
- DIG THROUGH LOCATOR TAPE SHALL BE BURIED 2 FEET ABOVE LINE.
- ALL IRON PIPE AND FITTINGS SHALL BE POLYWRAPPED.
- BEDDING, BACKFILL, AND COMPACTION OVER WATER LINES SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER A MINIMUM OF 5 FULL BUSINESS DAYS PRIOR TO CLOSING A LANE/ROAD. IF THE CONTRACTOR FAILS TO GIVE THE PROPER NOTIFICATION, THE LANE/ROAD CLOSURE WILL NOT BE ALLOWED UNTIL 5 FULL BUSINESS DAYS AFTER THE NOTIFICATION WAS GIVEN.
- THRUST BLOCKS SHALL BE PROVIDED AT ALL HORIZONTAL BENDS, TEES, AND FIRE HYDRANTS. SEE DETAILS.
- REFERENCE ARCHITECTURAL PLANS FOR ALL SERVICE CONNECTION LOCATIONS.
- ALL VERTICAL BENDS ON WATER MAIN SHALL BE RESTRAINED WITH A MECHANICAL JOINT FITTING SUPPLIED WITH THE RETAINER GLANDS. ANY JOINTS 25 FEET OR LESS FROM EITHER SIDE OF VERTICAL BEND SHALL BE RESTRAINED WITH A RETAINER GLAND.

SANITARY SEWER NOTES:

- ALL GRAVITY PIPING 4-INCHES TO 15-INCHES IN DIAMETER SHALL BE PVC, ASTM D3034, SDR 26 OR BETTER AND THE COLOR SHALL BE GREEN.
- THE DEPTH OF COVER FOR FORCE MAINS, GRAVITY MAINS, AND LATERALS SHALL NOT BE LESS THAN 36-INCHES.
- WASTEWATER GRAVITY OR FORCE MAINS SHALL MAINTAIN HORIZONTAL AND VERTICAL SEPARATION FROM WATER MAINS.
- INSTALLATION OF PVC PIPE SHALL BE IN ACCORDANCE WITH ASTM 2321. WHERE PVC ENTERS A MANHOLE, A SUITABLE MANHOLE COUPLER OR FLEXIBLE MANHOLE CONNECTOR SHALL BE INSTALLED IN THE MANHOLE WALL TO PROVIDE A WATER TIGHT CONNECTION.
- ALL MANHOLES SHALL BE 4-FEET DIAMETER POLYETHYLENE LINED PRE-CAST CONCRETE ACCORDING TO ASTM C478. MINIMUM WALL THICKNESS SHALL BE OF 5-INCHES. MINIMUM MANHOLE ACCESS OF 22-INCHES IS REQUIRED. MAXIMUM DISTANCE BETWEEN MANHOLES SHALL BE 400 FEET.
- MANHOLE COVERS SHALL BE ABSOLUTELY LEVEL WITH THE PAVEMENT OR CONCRETE, AND 3-INCHES ABOVE THE FINAL FINISHED SURFACE IN GRASSY AREAS.
- ALL MANHOLE RINGS AND COVERS SHALL BE CAST IRON, AND HAVE THE WORD "SANITARY SEWER" MARKED IN EACH COVER.
- ALL SERVICE LATERALS SHALL BE AT LEAST 4-INCH DIAMETER, AND SHALL HAVE A SURFACE (FLUSH WITH THE GROUND) CLEANOUT MADE OF PVC BELL AND SPIGOT. THE CLEANOUT SHALL BE ENCASED WITH AN 18-INCH SQUARE OR ROUND BY 6-INCH THICK COLLAR.
- ALL SERVICE LATERALS CONNECTING TO THE COLLECTION LINES SHALL HAVE GASKET "WYED" FITTINGS MADE OF PVC, WHICH WILL BE HELD IN PLACE WITH STAINLESS STEEL BANDS.
- PROVIDE METALLIC TAPE ABOVE ALL SEWER LINE AND FORCE MAIN ROUTES. INCLUDE A #10 LOCATOR WIRE ALONG SIDE OF PIPE. WIRE SHALL BE BROUGHT TO GRADE AT VALVE BOXES.
- REFERENCE ARCHITECTURAL PLANS FOR ALL BUILDING SERVICE CONNECTION LOCATIONS.
- COORDINATES OR DIMENSIONS SHOWN ARE TO CENTERLINE OF PIPE OR TO CENTER OF MANHOLE.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PAYING ALL APPLICABLE FEES FOR SANITARY SEWER INSTALLATION INCLUDING, BUT NOT LIMITED TO, TAPPING FEES, ETC.

GENERAL GRADING/DRAINAGE NOTES:

- PAVEMENT MARKINGS SHALL COMPLY WITH THE STANDARDS SET FORTH IN THE LATEST EDITION OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" BY THE U. S. DEPARTMENT OF TRANSPORTATION.
- THE CONTRACTOR IS RESPONSIBLE FOR ADEQUATE EROSION CONTROL MEASURES. THESE MEASURES WILL SATISFY SECTION 109 OF THE STANDARD SPECIFICATIONS, SPECIAL PROVISIONS AND THE REQUIREMENTS OF THE ARKANSAS DEPARTMENT OF ENVIRONMENTAL QUALITY. EROSION CONTROL DEVICES WILL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. PERIMETER CONTROLS SHALL BE PLACED AS THE CLEARING AND GRUBBING OPERATIONS ARE STARTED.
- SEED, FERTILIZE AND MULCH AREAS DISTURBED BY CONSTRUCTION (EXCEPT AREAS TO BE PAVED), COMPLY WITH THE STANDARDS SET FORTH IN THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL EMPLOY A QUALIFIED MATERIALS TESTING LABORATORY, ACCEPTABLE TO THE ENGINEER, TO PROVIDE TESTING SERVICES DURING CONSTRUCTION. TEST RESULTS SHALL BE PROMPTLY SENT TO THE OWNER/ENGINEER.
- CONTRACTOR SHALL MAINTAIN BENCHMARKS ON SITE UNTIL THE END OF CONSTRUCTION.

TELEPHONE AND COMMUNICATIONS NOTES:

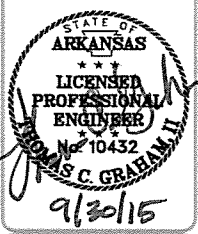
- REFERENCE ARCHITECTURAL DOCUMENTS FOR ALL BUILDING SERVICE CONNECTIONS.
- ALL WORK SHALL BE COMPLETED TO AT&T SPECIFICATIONS AND STANDARDS.

POWER NOTES:

- REFERENCE ARCHITECTURAL DOCUMENTS FOR ALL BUILDING SERVICE CONNECTIONS.
- ALL WORK SHALL BE COMPLETED TO ENTERGY SPECIFICATIONS AND STANDARDS.

SITE SYMBOL LEGEND

UTILITY OR FEATURE	EXISTING	PROPOSED	UTILITY OR FEATURE	EXISTING	PROPOSED
UTILITY POLE			POTABLE WATER	-W-	-WTR-
WATER VALVE			SANITARY SEWER	-SS-	-SS-
SAN. SEWER MANHOLE			SANITARY FORCED MAIN	-FW-	-FW-
TRANSFORMER			SITE GAS	-G-	-G-
WATER METER			O/H ELECTRIC SERVICE	-OHE-	-OHE-
GAS METER			U/G ELECTRIC SERVICE	-E-	-UGE-
FIRE HYDRANT			EASEMENT	-EAS-	-EAS-
DROP INLET			U/G TELEVISION CABLE	-UGTV-	-UGTV-
TREE			U/G TELEPHONE	-UGT-	-UGT-
TREE TO BE REMOVED OR TRANSPLANTED			U/G FIBER OPTIC CABLE	-UGFO-	-UGFO-
STORM SEWER			PROPERTY LINE	-PL-	-PL-
SIGN			RIGHT-OF-WAY	-RW-	-RW-
TELEPHONE PEDESTAL			ROADWAY CENTER LINE	-BSL-	-BSL-
			BUILDING SET BACK		
			FIRE LINE		
			EROSION CONTROL		
			SILT FENCE		
			PROJECT BOUNDRY		
			INDEX CONTOURS		
			INTERMEDIATE CONTOURS		
			GUY WIRE		
			CURB AND GUTTER		
			TRAFFIC FLOW ARROW		
			CONCRETE		
			FLARED END SECTION		
			RIP RAP		
			ASPHALT PAVING		
			COMPACTED CLASS 7 AGG. BASE		



Job Number	000497	IFC		Symbol	
Submitted by	T. GIBBAM	PC, SE		ISSUED FOR CONSTRUCTION	
Design/Drawn/Checked/In Charge	T. BARTON	11		Date	9/30/15
Plot Date	9/30/15	11		10/15	
Job Title	N/A			APR	

Designed by	T. GIBBAM	PC, SE	
Drawn by	T. BARTON	11	
Checked by	G. ARCHER		
File Name	AR15PC-C-001.DWG		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 000497

GENERAL NOTES AND LEGEND

Sheet Reference Number
C-001
 Sheet 6 of 105

CONTROL POINT DATA

SURVEY CONTROL COORDINATES
 Project Name: 080497
 Date: 9/24/2015
 Coordinate System: Arkansas State Plane Coordinates
 WESTBOUND
 Based on AHTD GPS PTS : 580030 & 580030A
 Based on NGS PTS : B 294
 EASTBOUND
 Based on AHTD GPS PTS : 360220 & G 294
 Based on NGS PTS : G 294
 Projected to Ground Coordinates
 Units: U.S. Survey Foot

COORDINATES LISTED BELOW ARE GROUND (Localized) COORDINATES !!!!

Point No.	Northing	SY	Easting	SX	Elevation	SZ	Feature Code	Point Description
1	367438.8379	0.0276	931001.5149	0.0257	438.08	0.007	CTL	PD:AHTD STD. MON. STAMPED PN-1
2	367414.9112	0.0243	930118.8853	0.0224	439.62	0.007	CTL	PD:AHTD STD. MON. STAMPED PN-2
3	367390.1196	0.0202	929516.6150	0.0200	440.95	0.007	CTL	PD:AHTD STD. MON. STAMPED PN-3
4	367422.0437	0.0202	929165.0336	0.0197	446.90	0.007	CTL	PD:AHTD STD. MON. STAMPED PN-4
5	367403.9055	0.0183	928549.6906	0.0177	445.18	0.006	CTL	PD:AHTD STD. MON. STAMPED PN-5
6	367405.9857	0.0186	927855.9113	0.0177	445.78	0.005	CTL	PD:AHTD STD. MON. STAMPED PN-6
7	378401.4676	0.0176	912353.1772	0.0154	429.17	0.002	CTL	PD:AHTD STD. MON. STAMPED PN-7
8	378999.2581	0.0148	911978.2300	0.0132	439.09	0.002	CTL	PD:AHTD STD. MON. STAMPED PN-8
9	379458.9907	0.0141	911505.4189	0.0125	443.74	0.002	CTL	PD:AHTD STD. MON. STAMPED PN-9
10	379895.6382	0.0123	911400.6727	0.0116	447.39	0.003	CTL	PD:AHTD STD. MON. STAMPED PN-10
11	380462.4956	0.0119	911033.5062	0.0115	448.07	0.003	CTL	PD:AHTD STD. MON. STAMPED PN-11
12	381094.3248	0.0114	910627.9682	0.0111	443.80	0.003	CTL	PD:AHTD STD. MON. STAMPED PN-12
13	379405.3640	0.0145	911714.8276	0.0129	444.55	0.002	CTL	PD:AHTD STD. MON. STAMPED PN-13
100	381028.0484	0.0001	908504.8924	0.0001	380.60	0.002	GPS	PD:AHTD GPS #360220
101	379253.6372	0.0001	909907.0647	0.0001	383.59	0.000	GPS	PD:NGS 1ST ORDER BM G 294 PID FG1606
102	367308.7448	0.0001	929298.1389	0.0001	440.04	0.007	GPS	PD:AHTD GPS #580030
103	367501.3536	0	927126.9011	0	447.07	0.006	GPS	PD:AHTD GPS #580030A
999	365906.0946	30	928718.4062	30	386.10	0.000	BM	PD:NGS 1ST ORDER BM B 294 METAL ROD DRIVEN INTO GROUND 1ST ORDER CLASS 2

*Standard Primary Control Monument - Rebar and Cap - Standard - 5/8" x 24" Rebar with 2" Aluminum Cap stamped: "(include all common information here)" plus other markings indicated in the point description of the individual point. AHTD monuments will be stamped "Arkansas Hwy & Trans Dept" with "PN: ###" & "Job #####". Monuments that are set by Consultants will be stamped "Arkansas Hwy & Trans Dept" with "PN:###", "Job#####", & "PS#####". The consultant Professional Surveyor in charge will stamp his/her PS license number on the cap.

**Standard GPS Control Point Monument - 5/8" x 48" Rebar with 2.5" Aluminum Cap stamped: "(include all common information here)" plus other markings indicated in the point description of the individual point. These monuments will be stamped "Ark. State Hwy Trans. Dept.", "GPS Survey", & "Point No. #####".

SX, SY, SZ - Represents the standard error estimate of the coordinate values of each point at the 67% confidence level (one sigma) based on the least squares analysis of the control network. See the AASHTO SDMS Technical Data Guide data tag definition for SX, SY, and SZ for additional information. These values shall be used when control points are added and the entire network is reprocessed using least square analysis. A value of 0.001 is defined as fixed (no adjustment) in the least square analysis process. A value of 30 is defined as location by handheld GPS device or scaled from USGS Quadmap.

Reference Control points (1500 series) shall be used to re-establish horizontal datum if the primary control has been destroyed. These reference control points shall not be used for vertical control unless the elevation has been established from the project datum with 3-wire level techniques.

All additional project control shall be occupied, measured, and adjusted with direct survey ties to at least two of the control points listed in the table above. New survey control shall not be independent of the survey control listed above. This includes horizontal coordinates and elevations.

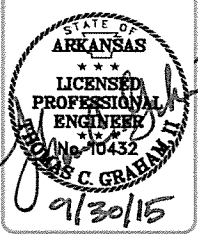
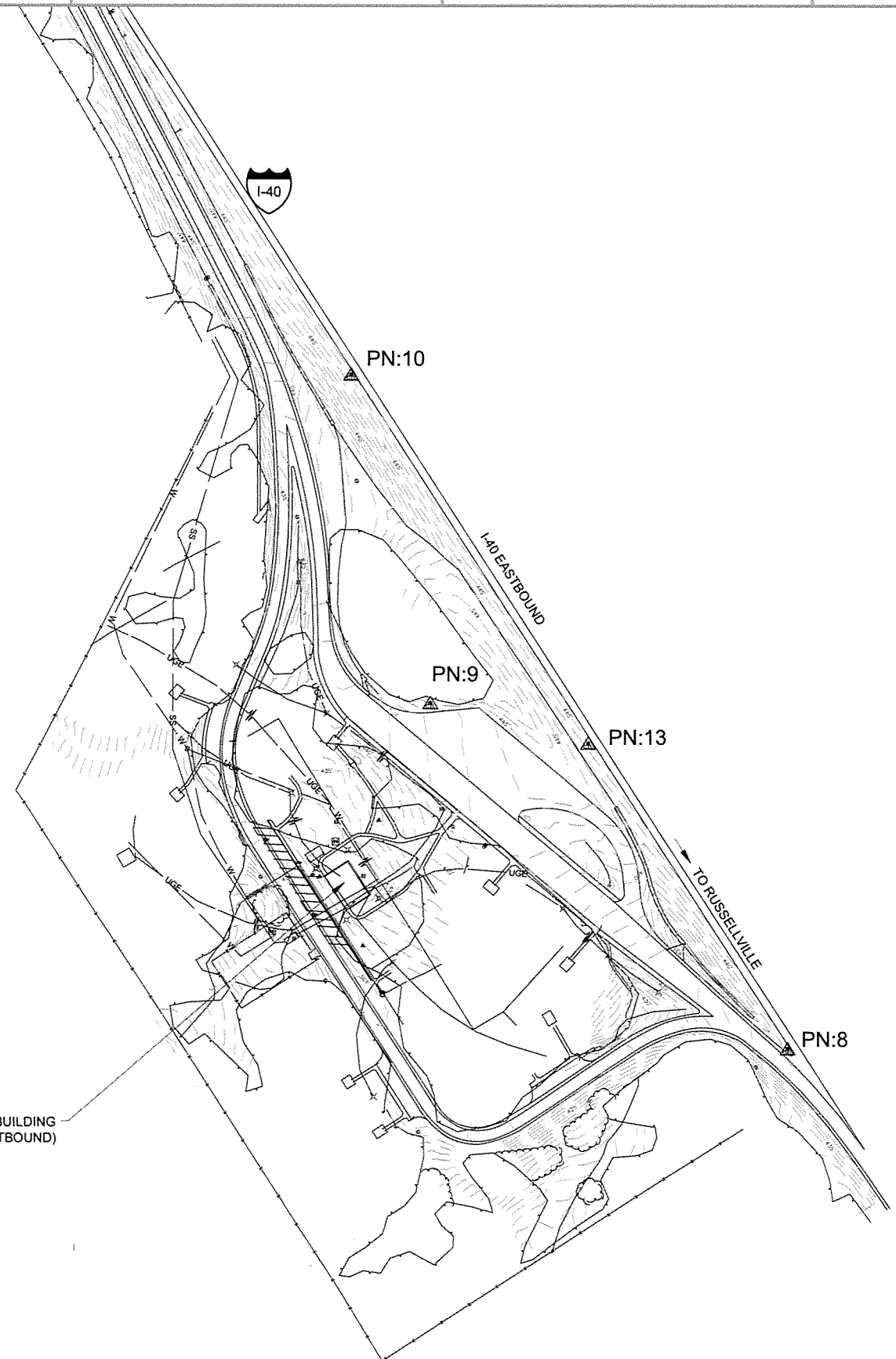
Positional Accuracy: Horizontal - GPS (1.0 cm ± 1PPM) PN: 100-103
 Horizontal - Primary (2.0cm ± 20PPM): PN: 1-13
 Horizontal - Secondary (3 cm ± 50PPM): PN: N/A
 Vertical - NGS 1st Order (±4mm x vdist in km) PN: 999 & 101
 Vertical - NGS 2nd Order (±6mm x vdist in km) PN: N/A
 Vertical - NGS 3rd Order (±8mm x vdist in km) PN: 1-103

Horizontal Datum: NAD 1983 (1997) State Plane Zone: 0301 - North Zone
 The adjustment year is based on metadata in the SDMS Control file
 A project CAF of: 0.999927498762 has been used to compute the above coordinates.
 The project CAF shall have a minimum precision of 9 digits right of the decimal.
 This CAF is intended for use within the project limits only.
 Grid Distance = Ground Distance X CAF
 If Coordinates are listed as Ground:
 To compute Grid Coordinates, multiply the Ground Coordinates by CAF about the origin of X=0 & Y=0
 If Coordinates are listed as Grid:
 To compute Ground Coordinates, divide the Grid Coordinates by CAF about the origin of X=0 & Y=0

Vertical Datum: NAVD 1988 based NGS BM: B 294 & G294
 A project Elevation Factor of: 0.9999793000 has been computed and incorporated in the above CAF.
 This is based on the average elevation of the project: 432.76 Feet
 3-Wire Leveling techniques have been used to establish elevations on
 Points: 1-13, 100, 102, 103 From NGS BM: B 294 & G294

Basis of Bearing: Grid Bearings based on AHTD GPS points: WB 580030 & 580030A, EB 360220 & G294
 WESTBOUND
 Convergence Angle is: 0°44'51.78" LEFT at PN: 4
 LT: 35-20-09.049 N LG: 093-17-05.849 W
 EASTBOUND
 Convergence Angle is: 0°46'56.95" LEFT at PN: 9
 LT: 35-22-05.752 N LG: 093-20-40.952 W
 Grid Azimuth = Astronomical Azimuth - Convergence Angle

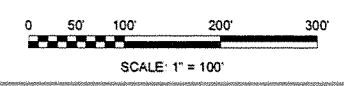
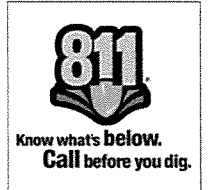
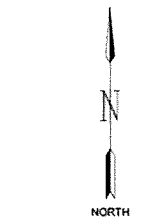
Note: Information in italics is for clarification only. It is not to be part of the actual Control Table or Control Detail Sheets.



Job Number	Job Name	Job Date	Job Status	Job Type
080497				

Submitted by	Checked by	Plot Date	Plot Scale	Plot Size	Draw Code	File Name
John T. Wilson, PE, SE	T. G. Graham	9/30/15	1:1	11		08156P-C-002.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 OVERALL SURVEY PLAN (EASTBOUND)



1
C-002

OVERALL SURVEY PLAN (EASTBOUND)

SCALE: 1" = 100'

Sheet Reference Number

C-002

Sheet 7 of 105

CONTROL POINT DATA

SURVEY CONTROL COORDINATES
 Project Name: 080497
 Date: 8/31/2015
 Coordinate System: Arkansas State Plane Coordinates
 WESTBOUND
 Based on AHTD GPS PTS : 580030 & 580030A
 Based on NGS PTS : B 294
 EASTBOUND
 Based on AHTD GPS PTS : 360220 & G 294
 Based on NGS PTS : G 294
 Projected to Ground Coordinates
 Units: U.S. Survey Foot

Positional Accuracy: Horizontal - GPS (1.0 cm ± 1PPM) PN: 100-103
 Horizontal - Primary (2.0 cm ± 20PPM): PN: 1-13
 Horizontal - Secondary (3 cm ± 50PPM): PN: N/A
 Vertical - NGS 1st Order (±4mm x vdist in km) PN: 999 & 101
 Vertical - NGS 2nd Order (±6mm x vdist in km) PN: N/A
 Vertical - NGS 3rd Order (±8mm x vdist in km) PN: 1-103

Horizontal Datum: NAD 1983 (1997) State Plane Zone: 0301 - North Zone
 The adjustment year is based on metadata in the SDMS Control file
 A project CAF of: 0.999927498762 has been used to compute the above coordinates.
 The project CAF shall have a minimum precision of 9 digits right of the decimal.
 This CAF is intended for use within the project limits only.
 Grid Distance = Ground Distance X CAF
 If Coordinates are listed as Ground:
 To compute Grid Coordinates, multiply the Ground Coordinates by CAF about the origin of X=0 & Y=0
 If Coordinates are listed as Grid:
 To compute Ground Coordinates, divide the Grid Coordinates by CAF about the origin of X=0 & Y=0

Vertical Datum: NAVD 1988 based NGS BM: B 294 & G294
 A project Elevation Factor of: 0.9999793000 has been computed and incorporated in the above CAF.
 This is based on the average elevation of the project: 432.76 Feet
 3-Wire Leveling techniques have been used to establish elevations on
 Points: 1-13, 100, 102, 103 From NGS BM: B 294 & G294

Basis of Bearing: Grid Bearings based on AHTD GPS points: WB 580030 & 580030A, EB 360220 & G294
 WESTBOUND
 Convergence Angle is: 0°44'51.78" LEFT at PN: 4
 LT: 35-20-09.049 N LG: 093-17-05.849 W
 EASTBOUND
 Convergence Angle is: 0°46'56.95" LEFT at PN: 9
 LT: 35-22-05.752 N LG: 093-20-40.952 W
 Grid Azimuth = Astronomical Azimuth - Convergence Angle

Note: Information in Italics is for clarification only. It is not to be part of the actual Control Table or Control Detail Sheets.

COORDINATES LISTED BELOW ARE GROUND (Localized) COORDINATES !!!!

Point No.	Northing	SY	Easting	SX	Elevation	SZ	Feature Code	Point Description
1	367438.8379	0.0276	931001.5149	0.0257	438.08	0.007	CTL	PD:AHTD STD. MON. STAMPED PN:1
2	367414.9112	0.0243	930118.8853	0.0224	439.62	0.007	CTL	PD:AHTD STD. MON. STAMPED PN:2
3	367390.1196	0.0202	929516.6150	0.0200	440.95	0.007	CTL	PD:AHTD STD. MON. STAMPED PN:3
4	367422.0437	0.0202	929165.0336	0.0197	446.90	0.007	CTL	PD:AHTD STD. MON. STAMPED PN:4
5	367403.9055	0.0183	928549.6906	0.0177	445.18	0.006	CTL	PD:AHTD STD. MON. STAMPED PN:5
6	367405.9857	0.0186	927855.9113	0.0177	445.78	0.005	CTL	PD:AHTD STD. MON. STAMPED PN:6
7	378401.4676	0.0176	912353.1772	0.0154	429.17	0.002	CTL	PD:AHTD STD. MON. STAMPED PN:7
8	378999.2581	0.0148	911978.2300	0.0132	439.09	0.002	CTL	PD:AHTD STD. MON. STAMPED PN:8
9	379458.9907	0.0141	911505.4189	0.0125	443.74	0.002	CTL	PD:AHTD STD. MON. STAMPED PN:9
10	379895.6382	0.0123	911400.6727	0.0116	447.39	0.003	CTL	PD:AHTD STD. MON. STAMPED PN:10
11	380462.4956	0.0119	911033.5062	0.0115	448.07	0.003	CTL	PD:AHTD STD. MON. STAMPED PN:11
12	381094.3248	0.0114	910627.9682	0.0111	443.80	0.003	CTL	PD:AHTD STD. MON. STAMPED PN:12
13	379405.3640	0.0145	911714.8276	0.0129	444.55	0.002	CTL	PD:AHTD STD. MON. STAMPED PN:13
100	381028.0484	0.0001	908504.8924	0.0001	380.60	0.002	GPS	PD:AHTD GPS #360220
101	379253.6372	0.0001	909907.0647	0.0001	383.59	0.000	GPS	PD:NGS 1ST ORDER BM G 294 PID FG1606
102	367308.7448	0.0001	929298.1389	0.0001	440.04	0.007	GPS	PD:AHTD GPS #580030
103	367501.3536	0	927126.9011	0	447.07	0.006	GPS	PD:AHTD GPS #580030A
999	365906.0946	30	928718.4062	30	386.10	0.000	BM	PD:NGS 1ST ORDER BM B 294 METAL ROD DRIVEN INTO GROUND 1ST ORDER CLASS 2

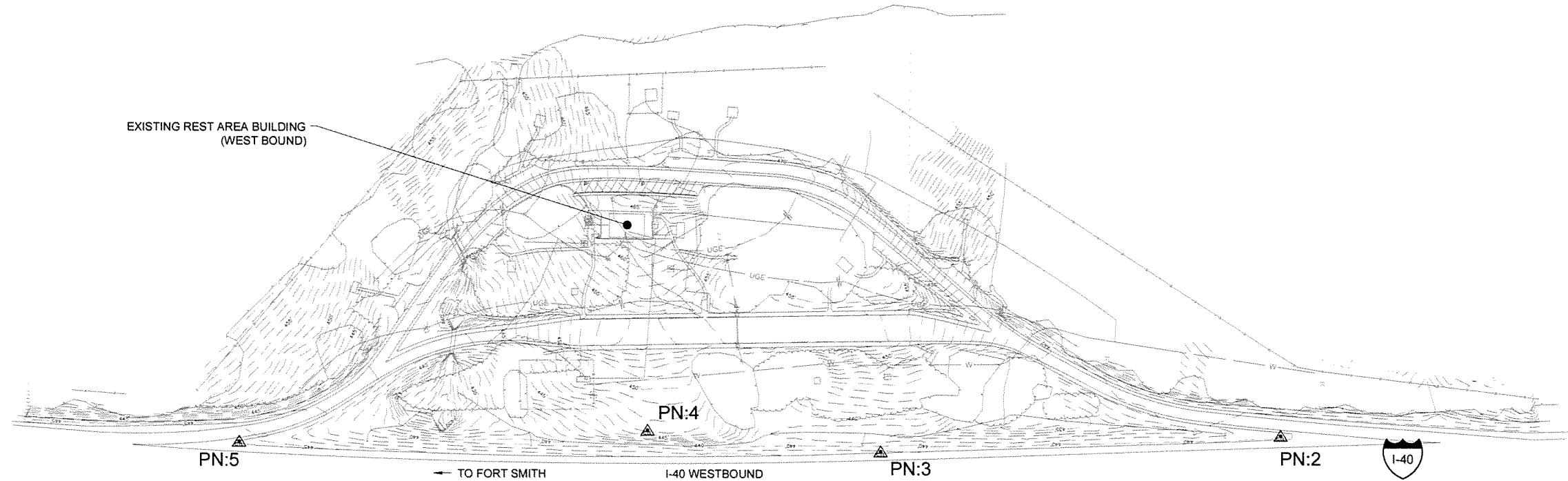
*Standard Primary Control Monument - Rebar and Cap - Standard - 5/8" x 24" Rebar with 2" Aluminum Cap stamped: "(include all common information here)" plus other markings indicated in the point description of the individual point. AHTD monuments will be stamped "Arkansas Hwy & Trans Dept" with "PN: ###" & "Job #####". Monuments that are set by Consultants will be stamped "Arkansas Hwy & Trans Dept" with "PN:###", "Job#####", & "PS####". The consultant Professional Surveyor in charge will stamp his/her PS license number on the cap.

**Standard GPS Control Point Monument - 5/8" x 48" Rebar with 2.5" Aluminum Cap stamped: "(include all common information here)" plus other markings indicated in the point description of the individual point. These monuments will be stamped "Ark. State Hwy Trans. Dept.", "GPS Survey", & "Point No. #####".

SX, SY, SZ - Represents the standard error estimate of the coordinate values of each point at the 67% confidence level (one sigma) based on the least squares analysis of the control network. See the AASHTO SDMS Technical Data Guide data tag definition for SX, SY, and SZ for additional information. These values shall be used when control points are added and the entire network is reprocessed using least square analysis. A value of 0.001 is defined as fixed (no adjustment) in the least square analysis process. A value of 30 is defined as location by handheld GPS device or scaled from USGS Quadmap.

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All additional project control shall be occupied, measured, and adjusted with direct survey ties to at least two of the control points listed in the table above. New survey control shall not be independent of the survey control listed above. This includes horizontal coordinates and elevations.



PN:6

PN:5

PN:4

PN:3

PN:2

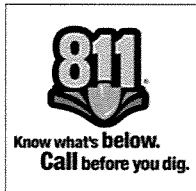
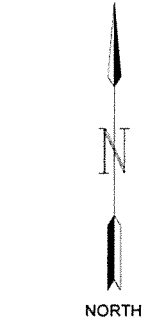
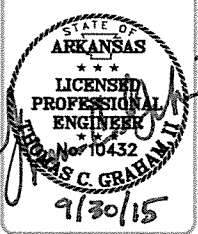


OVERALL SURVEY PLAN (WESTBOUND)

SCALE: 1" = 100'



SCALE: 1" = 100'



Job Number	080497
Submitted by	T. GRIHAM
Drawn by	T. BARTON
Checked by	G. ARCHER
File Name	AHTD-EP-C-003.DWG
Plot Scale	1:1
Plot Date	9/30/15
Dwg Code	
IFC	ISSUED FOR CONSTRUCTION
Date	
Appr	

Arkansas Highway and Transportation Department
Arkansas Tourist Information Center
(BIG PINEY) (S)
JOB 080497
OVERALL SURVEY PLAN (WESTBOUND)

Sheet Reference Number:	C-003
Sheet	8 of 105

NEW TOURIST
INFORMATION CENTER
(SEE SHEETS C-101,
C-102, C-103, AND C-104)

NEW
MAINTENANCE BUILDING
(SEE SHEETS C-101,
C-102, C-103, AND C-104)



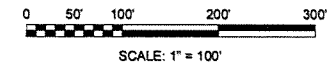
I-40 EASTBOUND

→ TO RUSSELLVILLE

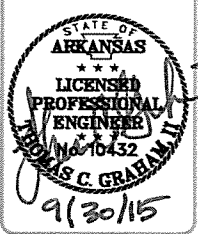
1
C-004

OVERALL SITE PLAN (EASTBOUND)

SCALE: 1" = 100'



SCALE: 1" = 100'

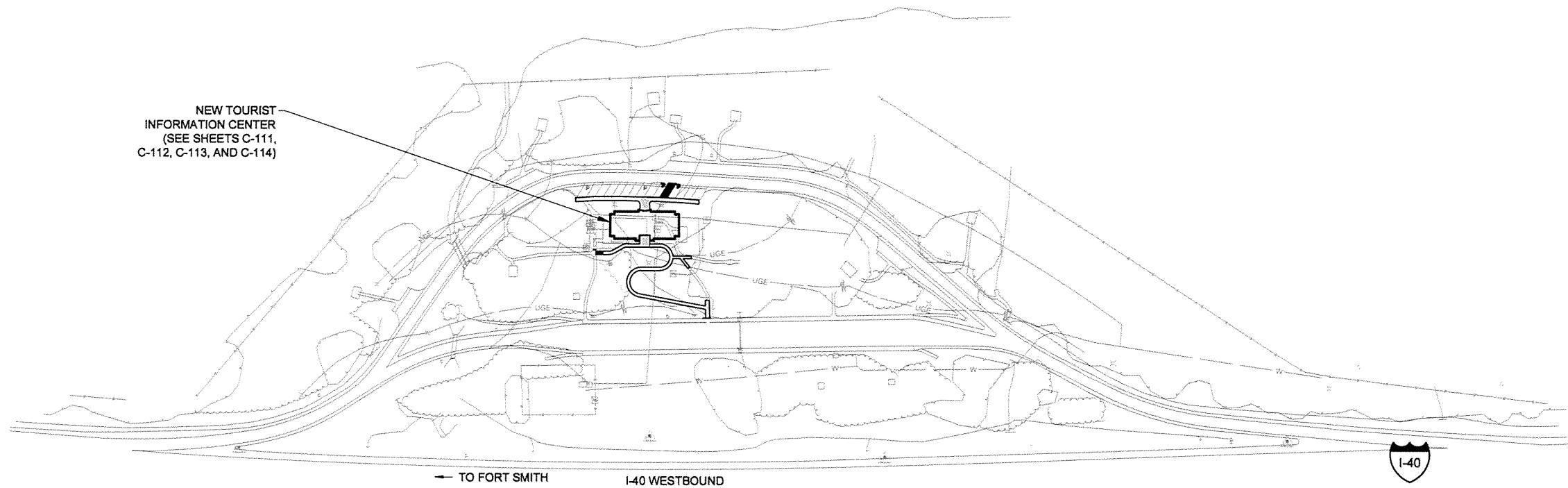


DATE	ISSUED FOR CONSTRUCTION	ISSUED FOR CONSTRUCTION Description	DATE	APPROVED BY

Submitted by John T. Graham Director, Federal Services	Job Number 080497	Job Title N/A	Plot Scale 1:1	Plot Date 9/30/15	Drawn by T. BARTON	Checked by C. ARCHER	File Name A1118P-C-004.DWG
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ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
OVERALL SITE PLAN (EASTBOUND)

Sheet Reference Number:
C-004
Sheet 9 of 105



NEW TOURIST
INFORMATION CENTER
(SEE SHEETS C-111,
C-112, C-113, AND C-114)

← TO FORT SMITH I-40 WESTBOUND



NORTH



Know what's below.
Call before you dig.

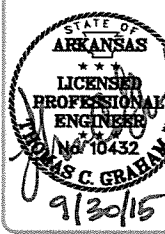


SCALE: 1" = 100'

1
C-005

OVERALL SITE PLAN (WESTBOUND)

SCALE: 1" = 100'



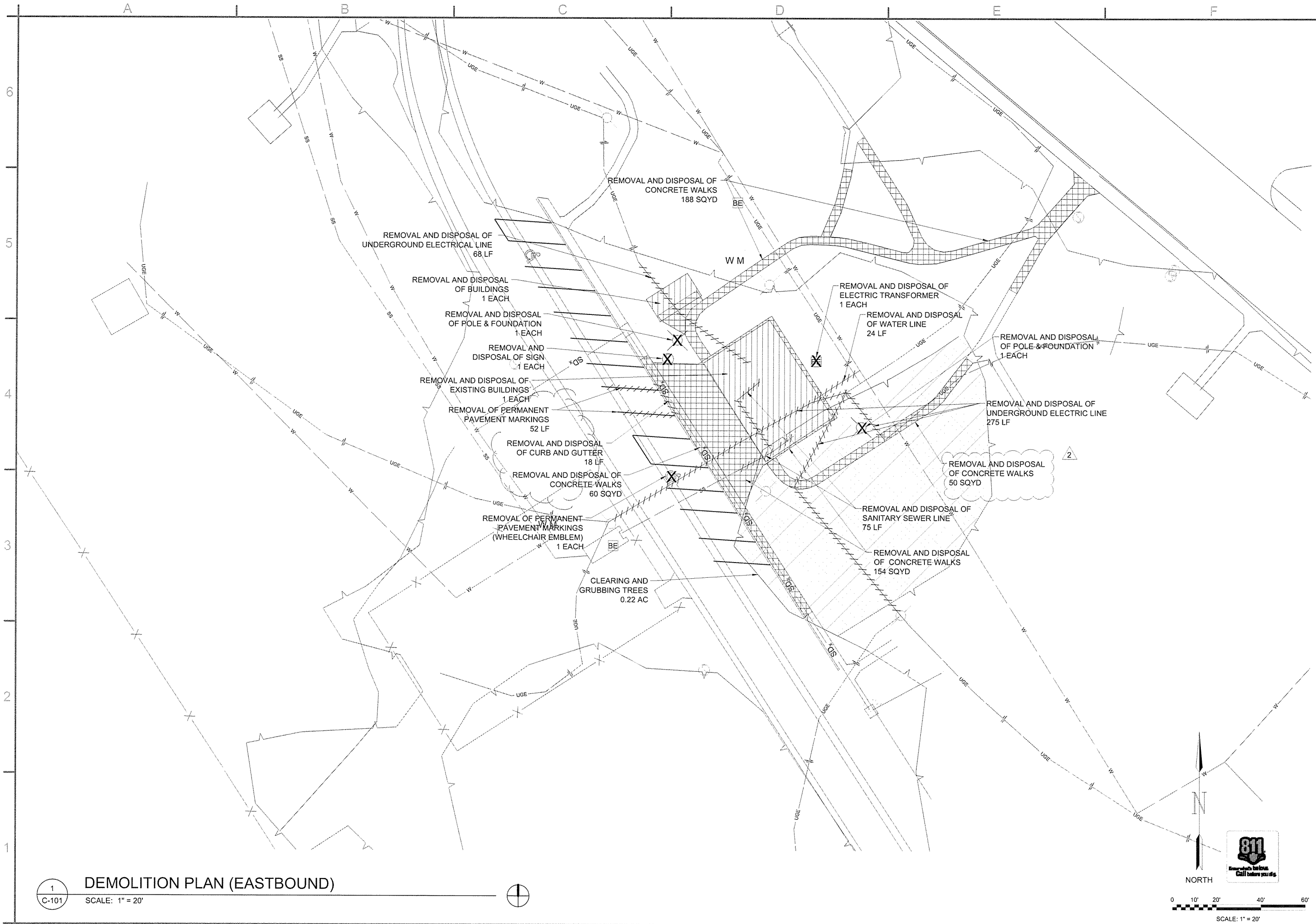
IFC Symbol	Issued for Construction Description	Date	Appr.

Submitted by John T. Wilson, P.E., SE Director, Design Services	Job Number 080497
Drawn by J. DEWANE	Prof. Scale 1:1
Checked by G. ARCHER	Dwg. Code N/A
File Name A11581-C-005.DWG	N/A

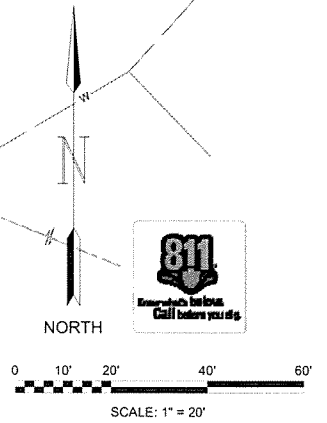
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

OVERALL SITE PLAN (WESTBOUND)

Sheet Reference Number:
C-005
Sheet 10 of 105



1
C-101 DEMOLITION PLAN (EASTBOUND)
SCALE: 1" = 20'



GARVER
4701 Northshore Drive
N Little Rock, AR 72118
501-376-3633
www.GarverUSA.com

CERTIFICATE OF AUTHORIZATION
GARVER LLC
No. 766
ARKANSAS ENGINEER

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 10432
G. C. GRAHAM, II
11/24/15

JRR	Appr.
10/15	Date
	ISSUED FOR CONSTRUCTION
	Description
	IPC Symbol

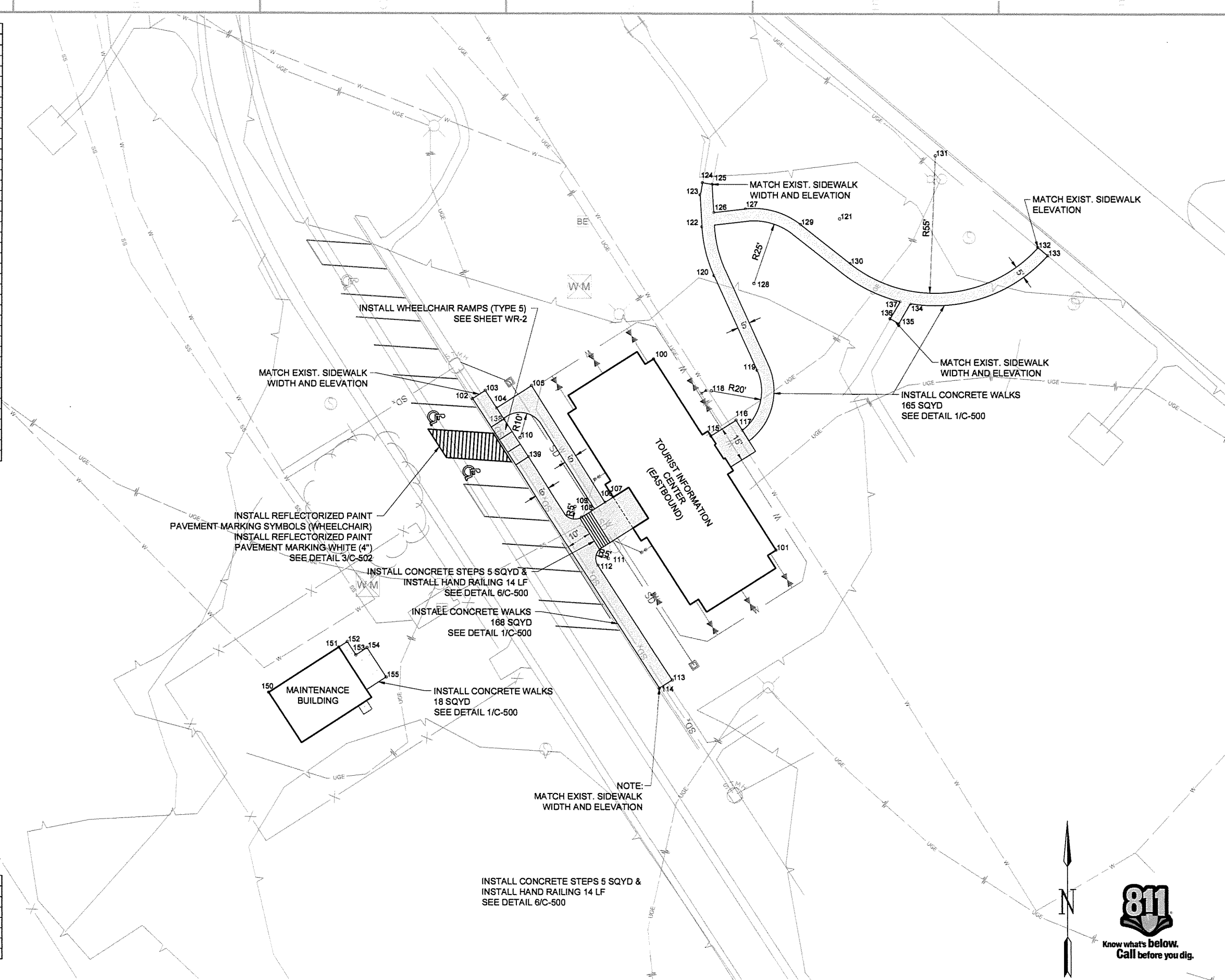
Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Job Number 080497	N/A	N/A	N/A
Designed by T. GRAHAM	Drawn by T. BARTON	Checked by G. ARCHER	File Name AHS15BP-C-101.DWG	
Phot. Date 11/30/15	Plot Scale 1:2	Dwg. Code		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
JOB 080497

TOURIST INFORMATION CENTER AND
MAINTENANCE BUILDING DEMOLITION PLAN
(EASTBOUND)

TOURIST INFORMATION CENTER NODE LIST			
POINT NUMBER	NORTHING	EASTING	DESCRIPTION
100	379245.61	911409.61	BLDG. COR.
101	379169.20	911458.41	BLDG. COR.
102	379229.61	911337.30	EDGE OF CONC.
103	379232.88	911342.33	EDGE OF CONC.
104	379225.88	911346.88	EDGE OF CONC.
105	379234.84	911360.80	EDGE OF CONC.
106	379188.19	911390.27	EDGE OF CONC.
107	379190.26	911393.55	EDGE OF CONC.
108	379182.25	911380.85	EDGE OF CONC.
109	379186.47	911378.18	EDGE OF CONC.
110	379214.04	911356.20	RADIUS POINT
111	379165.75	911391.56	RADIUS POINT
112	379163.03	911387.36	EDGE OF CONC.
113	379117.15	911417.00	EDGE OF CONC.
114	379113.92	911411.94	EDGE OF CONC.
115	379214.83	911432.43	EDGE OF CONC.
116	379221.13	911442.40	EDGE OF CONC.
117	379217.13	911444.92	EDGE OF CONC.
118	379232.87	911432.58	RADIUS POINT
119	379241.15	911450.79	EDGE OF CONC.
120	379279.00	911433.57	EDGE OF CONC.
121	379301.77	911483.63	RADIUS POINT
122	379298.54	911428.73	EDGE OF CONC.
123	379311.29	911427.98	EDGE OF CONC.
124	379316.19	911428.91	EDGE OF CONC.
125	379315.55	911432.74	EDGE OF CONC.
126	379304.24	911433.40	EDGE OF CONC.
127	379305.70	911446.03	EDGE OF CONC.
128	379275.89	911449.46	RADIUS POINT
129	379299.48	911468.01	EDGE OF CONC.
130	379283.87	911487.86	EDGE OF CONC.
131	379327.11	911521.85	RADIUS POINT
132	379290.38	911562.78	EDGE OF CONC.
133	379287.17	911566.63	EDGE OF CONC.
134	379267.93	911512.00	EDGE OF CONC.
135	379259.91	911507.39	EDGE OF CONC.
136	379261.89	911503.97	EDGE OF CONC.
137	379268.75	911507.94	EDGE OF CONC.
138	379221.46	911349.76	EDGE OF RAMP
139	379206.37	911359.58	EDGE OF RAMP

MAINTENANCE BUILDING NODE LIST			
POINT NUMBER	NORTHING	EASTING	DESCRIPTION
150	379111.96	911256.00	BLDG. COR.
151	379130.11	911283.96	BLDG. COR.
152	379132.29	911287.31	EDGE OF CONC.
153	379126.98	911290.76	EDGE OF CONC.
154	379129.87	911295.24	EDGE OF CONC.
155	379118.14	911302.86	EDGE OF CONC.



1
C-102 SITE PLAN (EASTBOUND)
SCALE: 1" = 20'

NORTH

SCALE: 1" = 20'

4701 Northshore Drive
N Little Rock, AR 72118
501-376-3633
www.GarverUSA.com

9/30/15

Job Number	Submitted by	Prep Date	Drawn by	Checked by	File Name
060497	John T. Barton, Director, Eastern Services	9/30/15	T. Barton	C. Archer	A11599-C-102.DWG

ARIZONA HIGHWAY AND TRANSPORTATION DEPARTMENT
ARIZONA TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 060497

TOURIST INFORMATION CENTER AND
MAINTENANCE BUILDING SITE PLAN
(EASTBOUND)

Sheet Reference Number:
C-102

Sheet 12 of 105

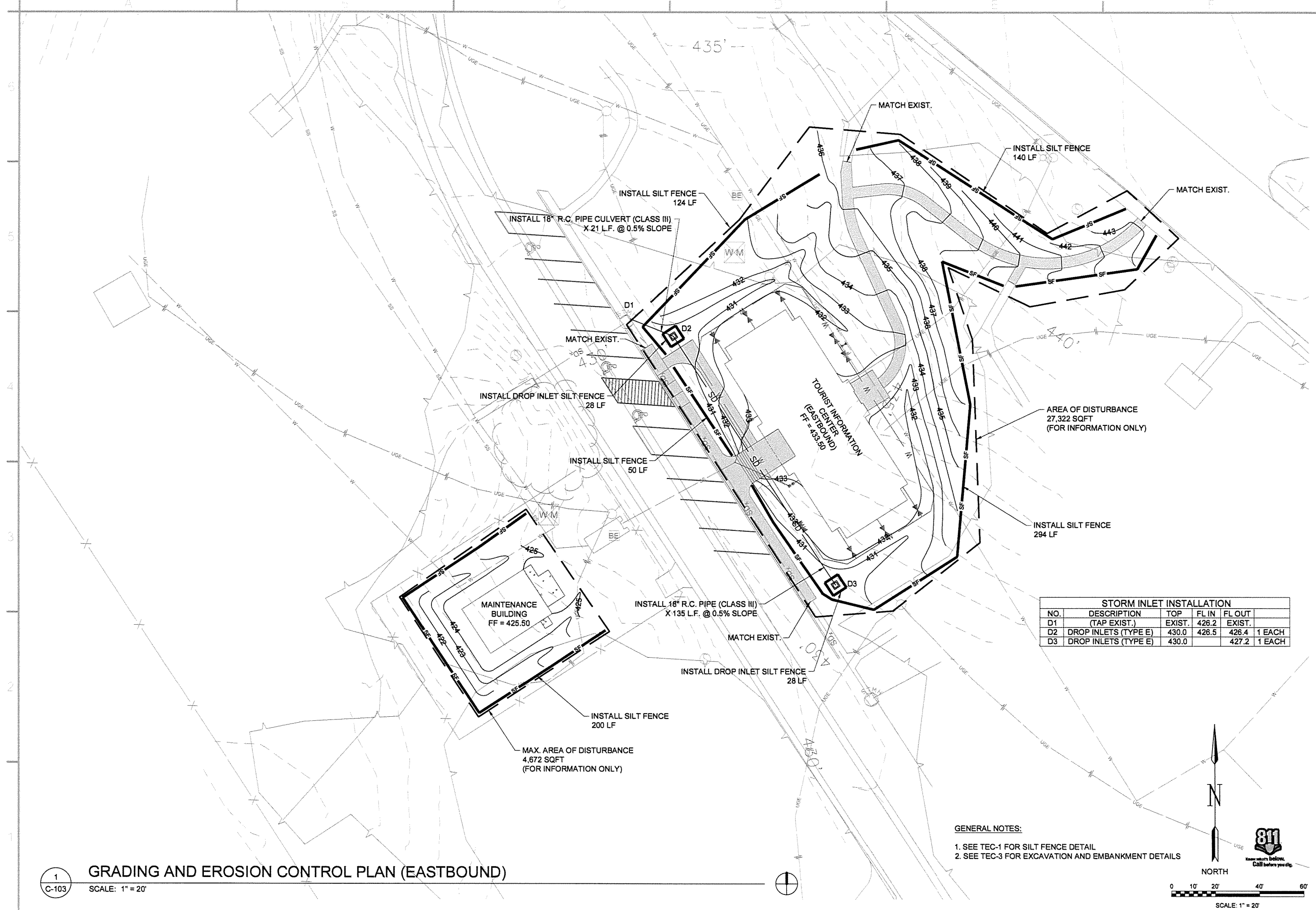
Job Number	Job Name	Job Date	Job Status	Job Type
080497				

Submitted by	Submitted Date	Project Date	Project Scale	Draw Code
John T. Wilson, P.E., SE Director, Technical Services	9/30/15	9/30/15	1:1	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINNEY) (S)
 JOB 080497

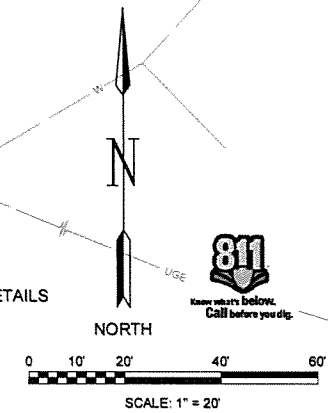
TOURIST INFORMATION CENTER AND
 MAINTENANCE BUILDING GRADING AND
 EROSION CONTROL PLAN (EASTBOUND)

Sheet Reference Number:
C-103
 Sheet 13 of 105

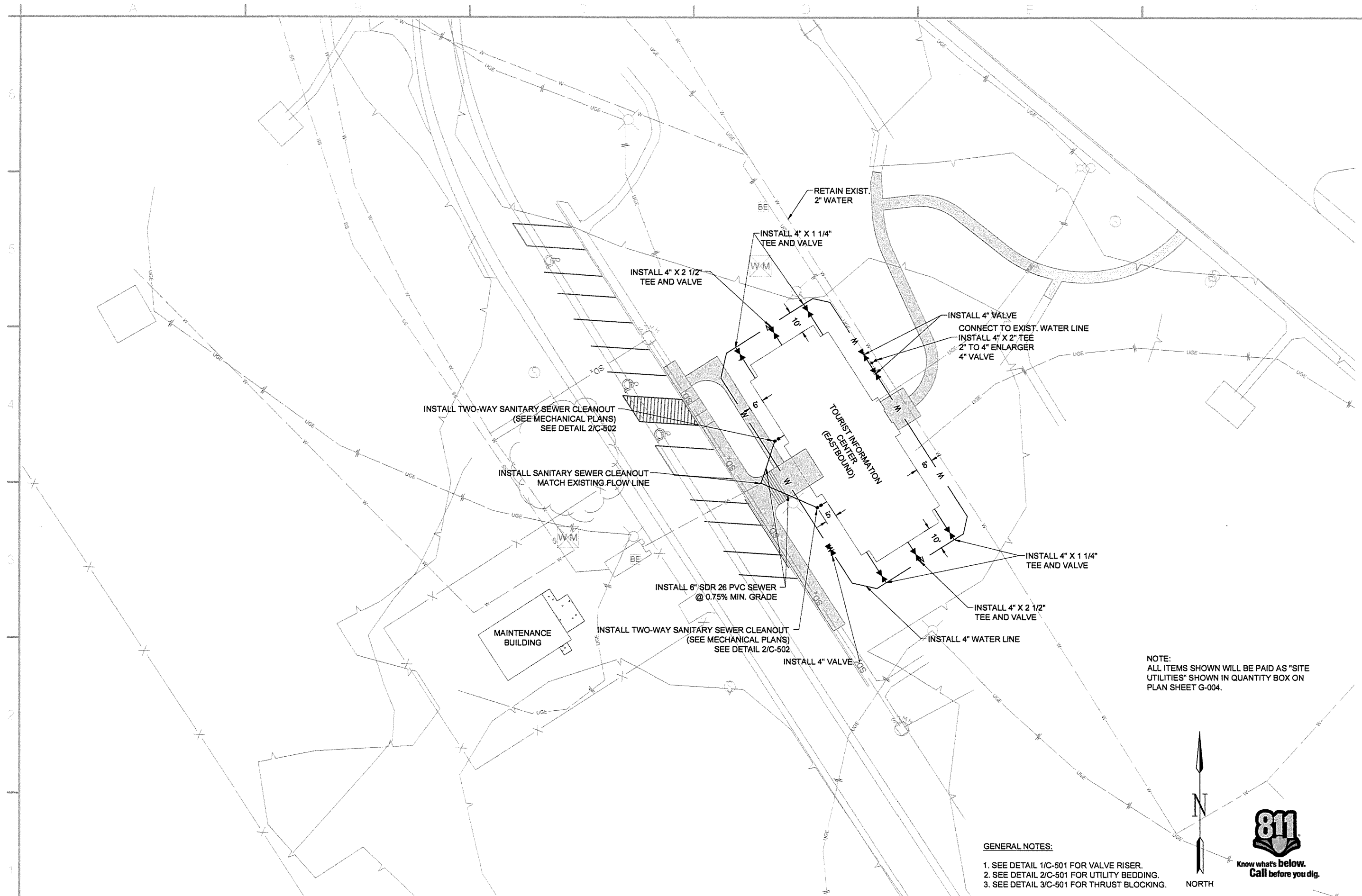


STORM INLET INSTALLATION					
NO.	DESCRIPTION	TOP	FL IN	FL OUT	
D1	(TAP EXIST.)	EXIST.	426.2	EXIST.	
D2	DROP INLETS (TYPE E)	430.0	426.5	426.4	1 EACH
D3	DROP INLETS (TYPE E)	430.0		427.2	1 EACH

- GENERAL NOTES:**
- SEE TEC-1 FOR SILT FENCE DETAIL
 - SEE TEC-3 FOR EXCAVATION AND EMBANKMENT DETAILS



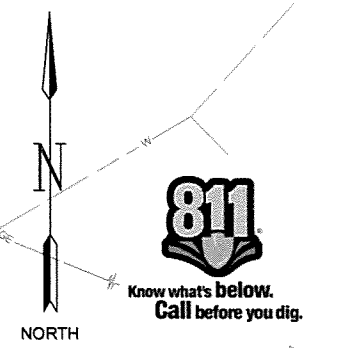
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 C-103
GRADING AND EROSION CONTROL PLAN (EASTBOUND)
 SCALE: 1" = 20'



NOTE:
ALL ITEMS SHOWN WILL BE PAID AS "SITE UTILITIES" SHOWN IN QUANTITY BOX ON PLAN SHEET G-004.

GENERAL NOTES:

1. SEE DETAIL 1/C-501 FOR VALVE RISER.
2. SEE DETAIL 2/C-501 FOR UTILITY BEDDING.
3. SEE DETAIL 3/C-501 FOR THRUST BLOCKING.



1
C-104
UTILITY PLAN (EASTBOUND)
SCALE: 1" = 20'

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STATE OF ARKANSAS
GARVER LLC
No. 766
PROFESSIONAL ENGINEER

STATE OF ARKANSAS
WILLIAM C. GRAHAM
LICENSED PROFESSIONAL ENGINEER
No. 10432
9/30/15

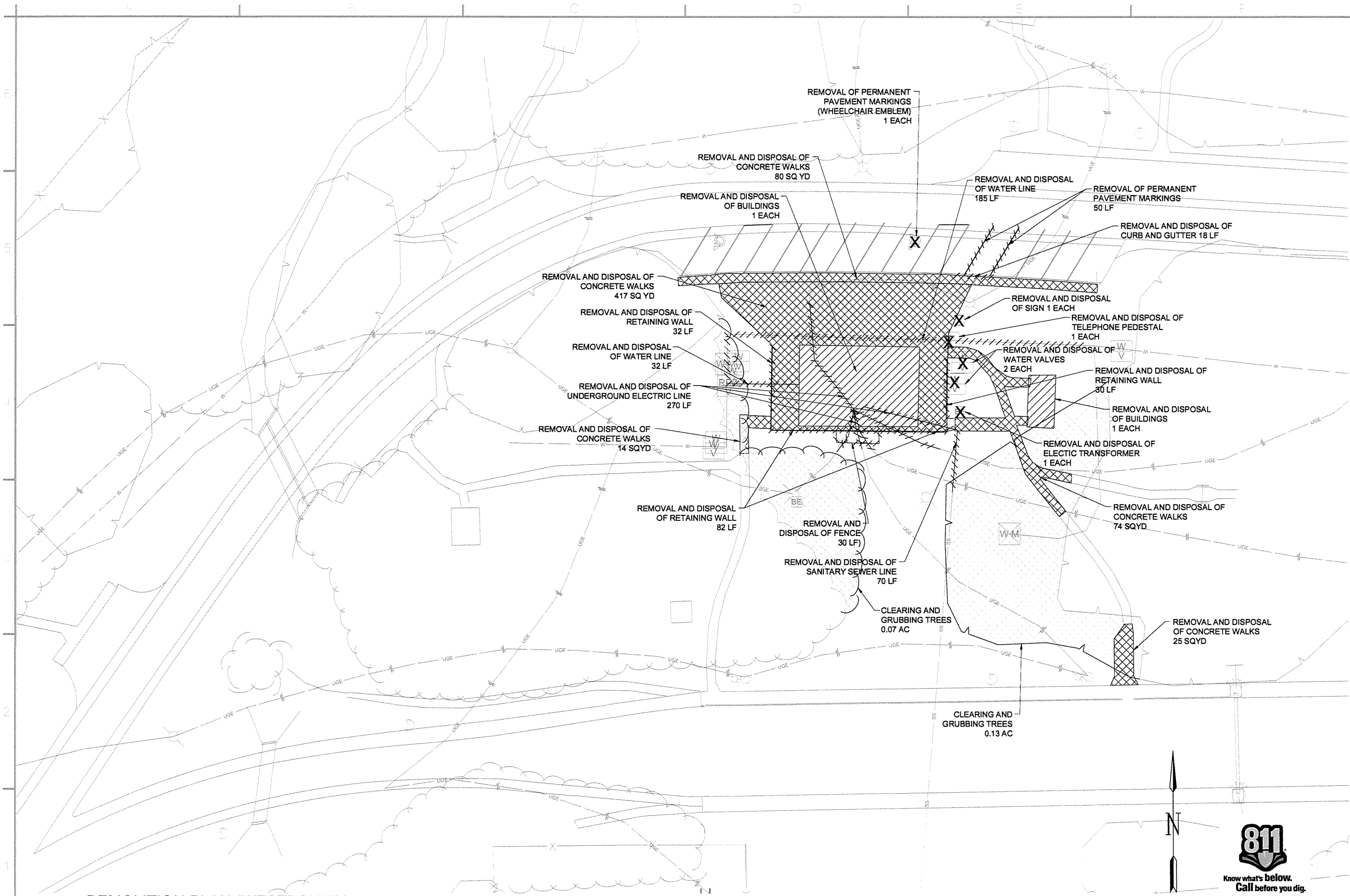
Job Number	JRR	Appr
080407		
	Date	
	Description	
	Symbol	
	IFC	

Submitted by John T. Williams, III, P.E., SE Director, Engineering Services	Job Number 080407	N/A	N/A	N/A
Drawn by T. BARTON	Plot Date 9/30/15	Plot Scale 1:1	Dwg Code	File Name N:\158-C-104.DWG
Designed by T. GRAHAM	Checked by G. ARCHER			

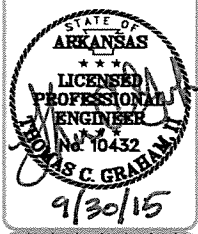
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

TOURIST INFORMATION CENTER AND
MAINTENANCE BUILDING UTILITY PLAN
(EASTBOUND)

Sheet Reference Number:
C-104
Sheet 14 of 105



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IFC	Symbol	Description	Date	Appr.
		ISSUED FOR CONSTRUCTION	10/11/15	JRR

Submitted by John T. Walters, III, P.E., SE Director, Technical Services	Job Number 080497	N/A	N/A	N/A
Drawn by T. MARTON	Plot Date 9/30/15	Plot Scale 1:1	Draw Code	File Name A1151P-C-111.DWG
Designed by T. GRAHAM	Checked by G. ARCHER			

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

TOURIST INFORMATION CENTER
 DEMOLITION PLAN (WESTBOUND)

Sheet Reference Number:
C-111
 Sheet 15 of 105

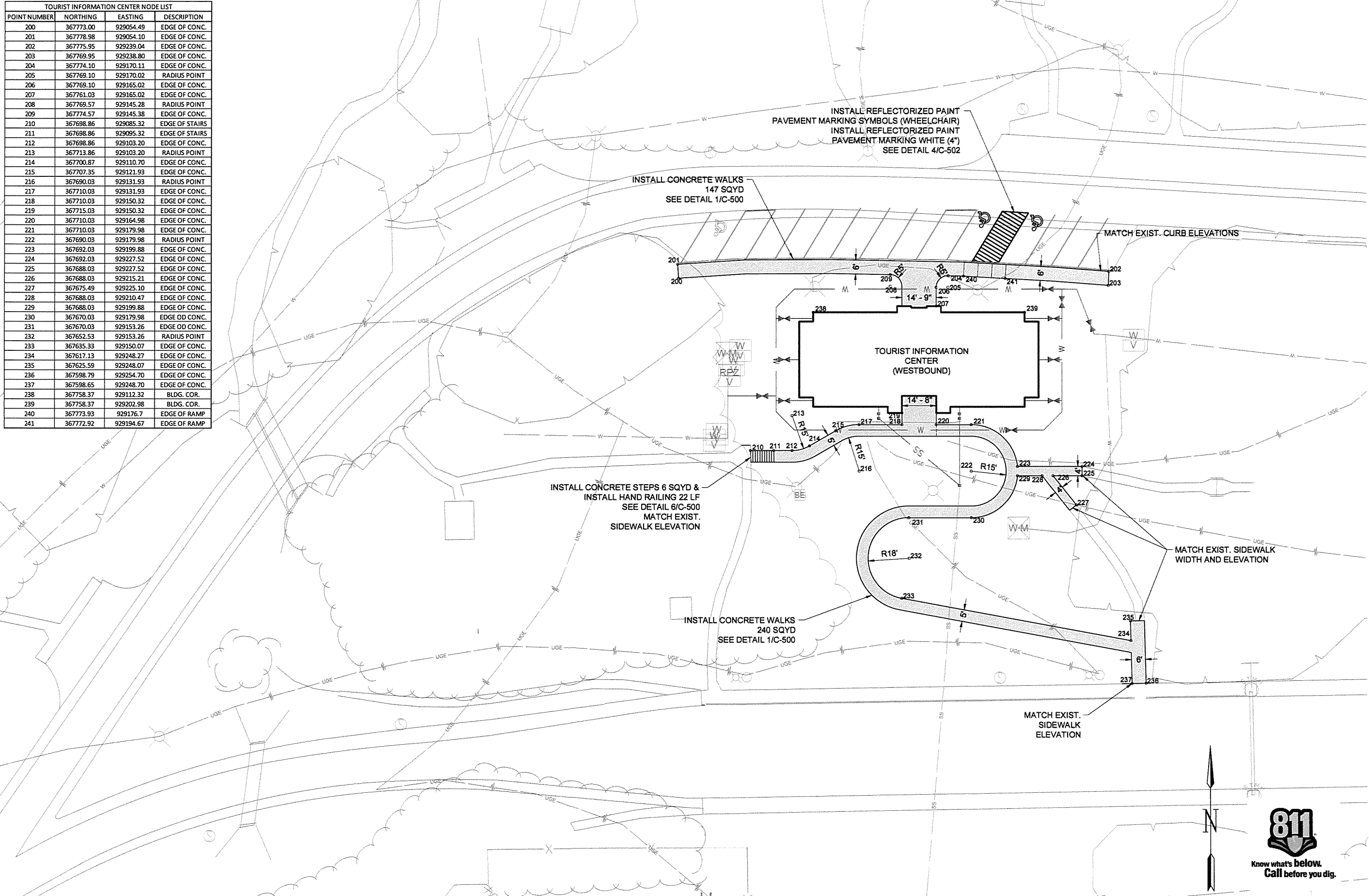
1
 C-111
DEMOLITION PLAN (WESTBOUND)

SCALE: 1" = 20'

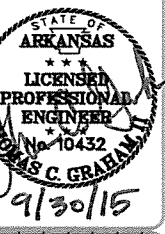
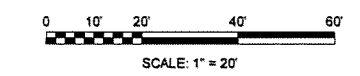


SCALE: 1" = 20'

TOURIST INFORMATION CENTER NODE LIST			
POINT NUMBER	NORTHING	EASTING	DESCRIPTION
200	367773.00	929054.49	EDGE OF CONC.
201	367778.98	929054.10	EDGE OF CONC.
202	367775.95	929239.04	EDGE OF CONC.
203	367769.95	929238.80	EDGE OF CONC.
204	367774.10	929170.11	EDGE OF CONC.
205	367769.10	929170.02	RADIUS POINT
206	367769.10	929165.02	EDGE OF CONC.
207	367761.03	929165.02	EDGE OF CONC.
208	367769.57	929145.28	RADIUS POINT
209	367774.57	929145.38	EDGE OF CONC.
210	367698.86	929085.32	EDGE OF STAIRS
211	367698.86	929095.32	EDGE OF STAIRS
212	367698.86	929103.20	EDGE OF CONC.
213	367713.86	929103.20	RADIUS POINT
214	367700.87	929110.70	EDGE OF CONC.
215	367707.35	929121.93	EDGE OF CONC.
216	367690.03	929131.93	RADIUS POINT
217	367710.03	929131.93	EDGE OF CONC.
218	367710.03	929150.32	EDGE OF CONC.
219	367715.03	929150.32	EDGE OF CONC.
220	367710.03	929164.98	EDGE OF CONC.
221	367710.03	929179.98	EDGE OF CONC.
222	367690.03	929179.98	RADIUS POINT
223	367692.03	929199.88	EDGE OF CONC.
224	367692.03	929227.52	EDGE OF CONC.
225	367688.03	929227.52	EDGE OF CONC.
226	367688.03	929215.21	EDGE OF CONC.
227	367675.49	929225.10	EDGE OF CONC.
228	367688.03	929210.47	EDGE OF CONC.
229	367688.03	929199.88	EDGE OF CONC.
230	367670.03	929179.98	EDGE OF CONC.
231	367670.03	929153.26	EDGE OF CONC.
232	367652.53	929153.26	RADIUS POINT
233	367635.33	929150.07	EDGE OF CONC.
234	367617.13	929248.27	EDGE OF CONC.
235	367625.59	929248.07	EDGE OF CONC.
236	367598.79	929254.70	EDGE OF CONC.
237	367598.65	929248.70	EDGE OF CONC.
238	367758.37	929112.32	BLDG. COR.
239	367758.37	929202.98	BLDG. COR.
240	367773.93	929176.7	EDGE OF RAMP
241	367772.92	929194.67	EDGE OF RAMP



1 SITE PLAN (WESTBOUND)
SCALE: 1" = 20'

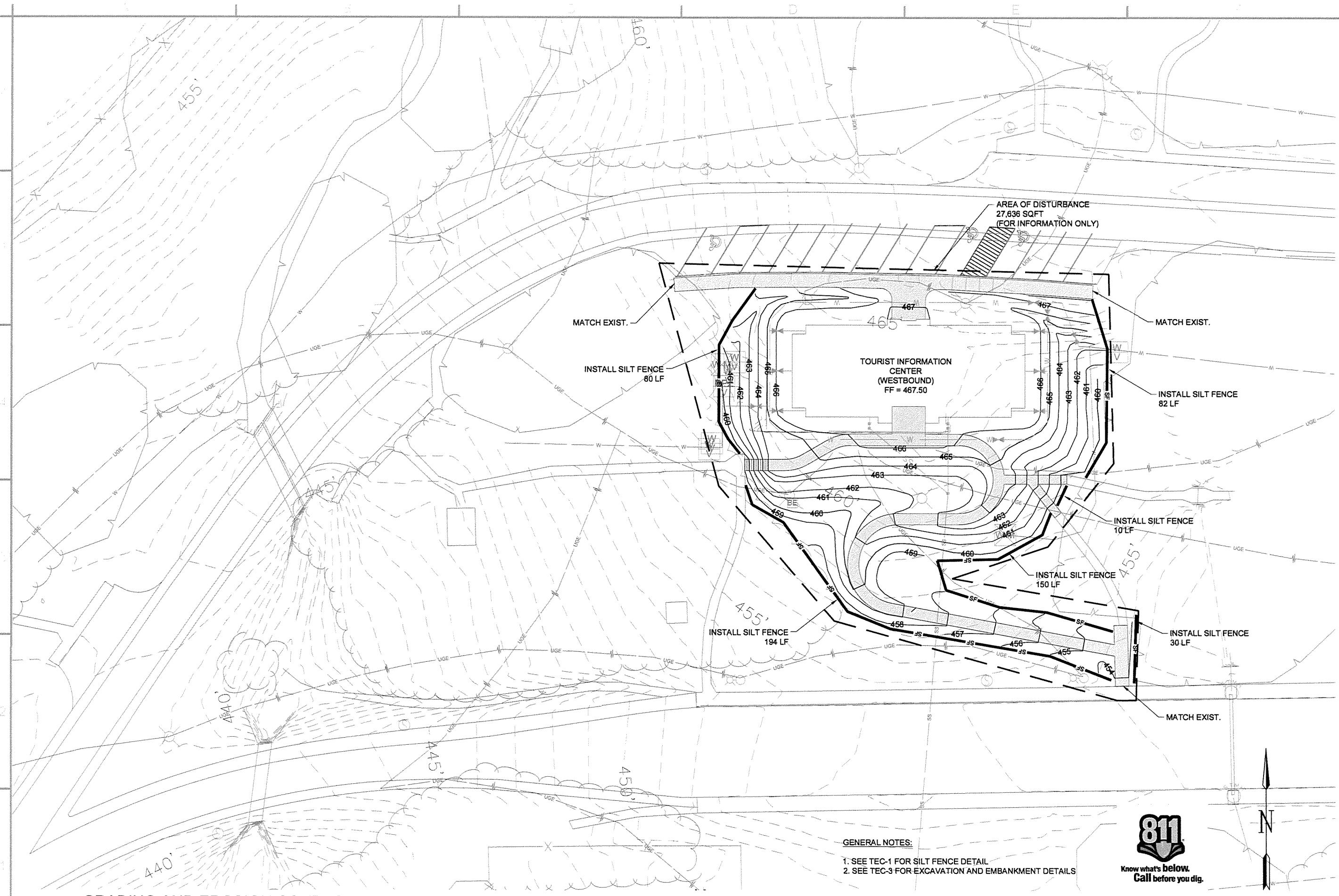


Job Number	Job Title	Job Date	Job Status	Job Description
080407	N/A	N/A	N/A	ISSUED FOR CONSTRUCTION

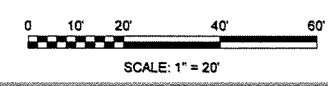
Submitted by	Job Number	Job Title	Job Date	Job Status	Job Description
John T. Williams, III, P.E., SE Director, Federal Services	080407	N/A	N/A	N/A	ISSUED FOR CONSTRUCTION

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080407
 TOURIST INFORMATION CENTER
 SITE PLAN (WESTBOUND)



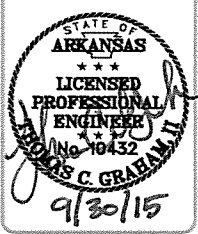


GENERAL NOTES:
 1. SEE TEC-1 FOR SILT FENCE DETAIL
 2. SEE TEC-3 FOR EXCAVATION AND EMBANKMENT DETAILS



1
C-113 SCALE: 1" = 20'

GRADING AND EROSION CONTROL PLAN (WESTBOUND)



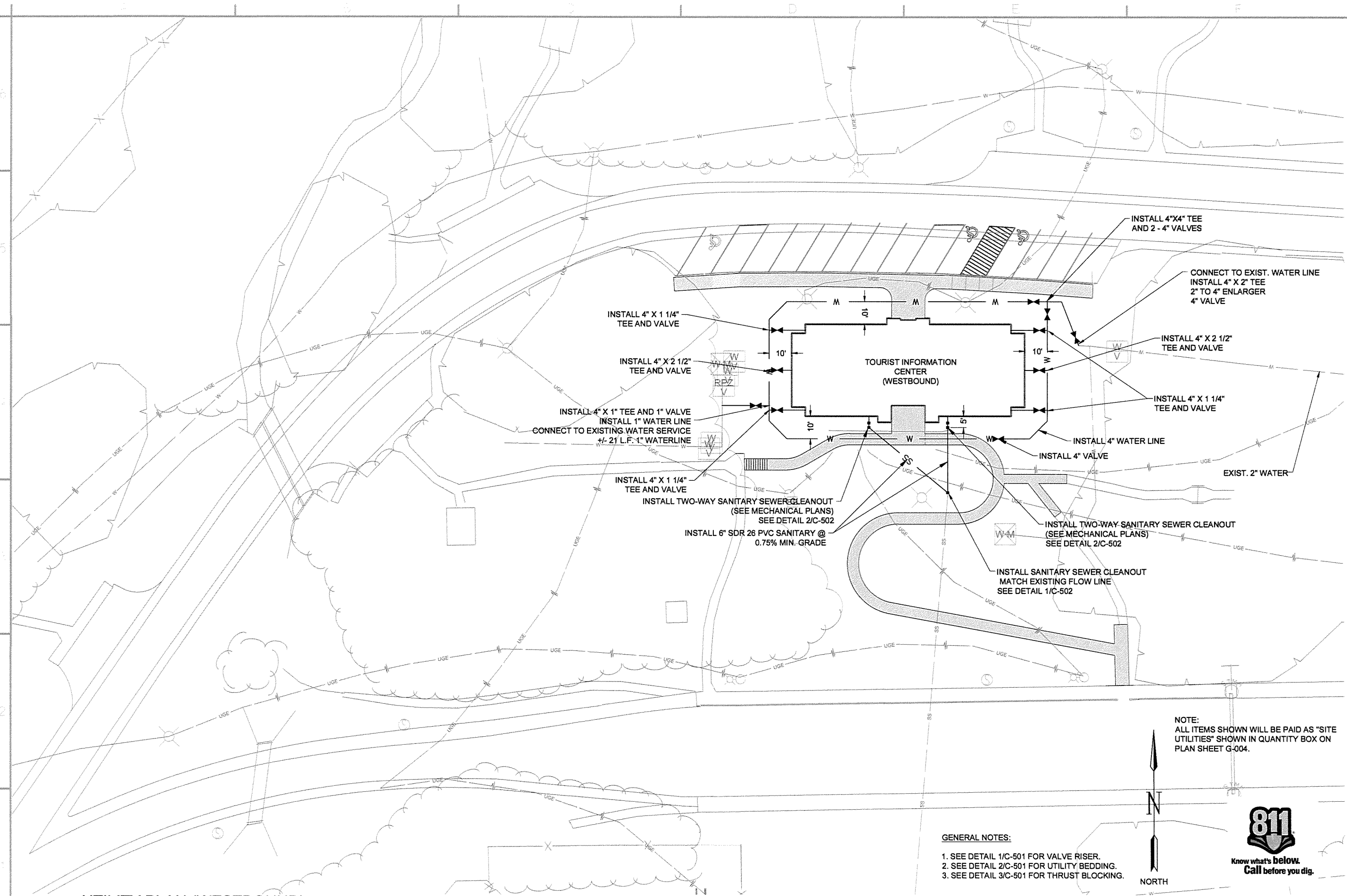
Job Number	JOB	Date	JOB
080497			

Submitted by	Job Title	Scale	Proj. No.	Proj. Date	Proj. Code
T. GRAHAM	IC, SE	1:1		9/30/15	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

TOURIST INFORMATION CENTER
 GRADING AND EROSION CONTROL PLAN
 (WESTBOUND)

Sheet Reference Number:
C-113
 Sheet 17 of 105



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STATE OF ARKANSAS

LICENSED PROFESSIONAL ENGINEER
 No. 10432
DONALD C. GRAHAM
 9/30/15

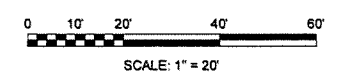
JOB NO.	DATE	DESCRIPTION	ISSUED FOR CONSTRUCTION	SYMBOL

Job Number	090497	Submitted by	TC, SE	Job Date	9/30/15	Plot Date	9/30/15	Plot Scale	1:1	Drwg Code	
			Director, External Services								
Designed by	T. GRAHAM	Drawn by	T. BARTON	Checked by	G. ARCHER	File Name	A:\1509-C-114.DWG				

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 090497
TOURIST INFORMATION CENTER
 UTILITY PLAN (WESTBOUND)

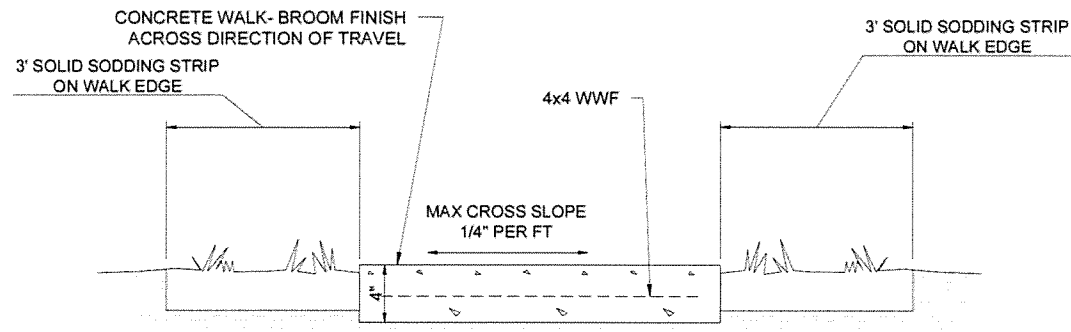
NOTE:
 ALL ITEMS SHOWN WILL BE PAID AS "SITE UTILITIES" SHOWN IN QUANTITY BOX ON PLAN SHEET G-004.

- GENERAL NOTES:**
1. SEE DETAIL 1/C-501 FOR VALVE RISER.
 2. SEE DETAIL 2/C-501 FOR UTILITY BEDDING.
 3. SEE DETAIL 3/C-501 FOR THRUST BLOCKING.

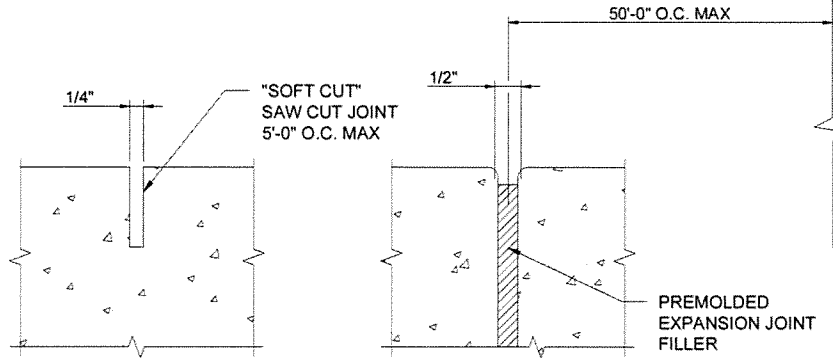


1
C-114
UTILITY PLAN (WESTBOUND)
 SCALE: 1" = 20'

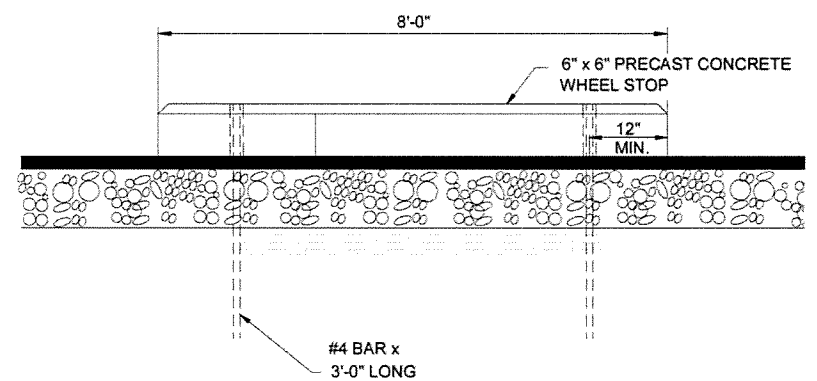
Sheet Reference Number:
C-114
 Sheet 18 of 105



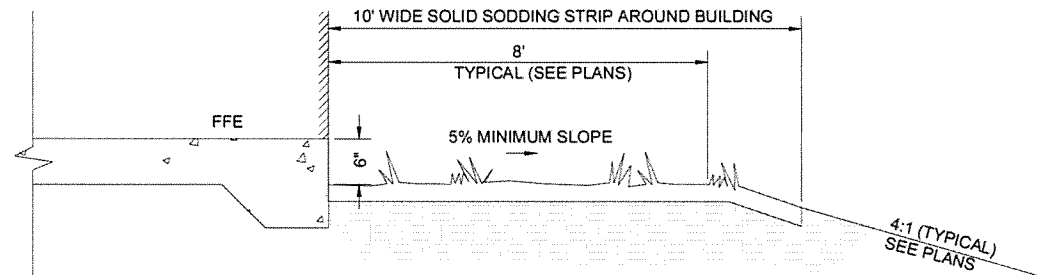
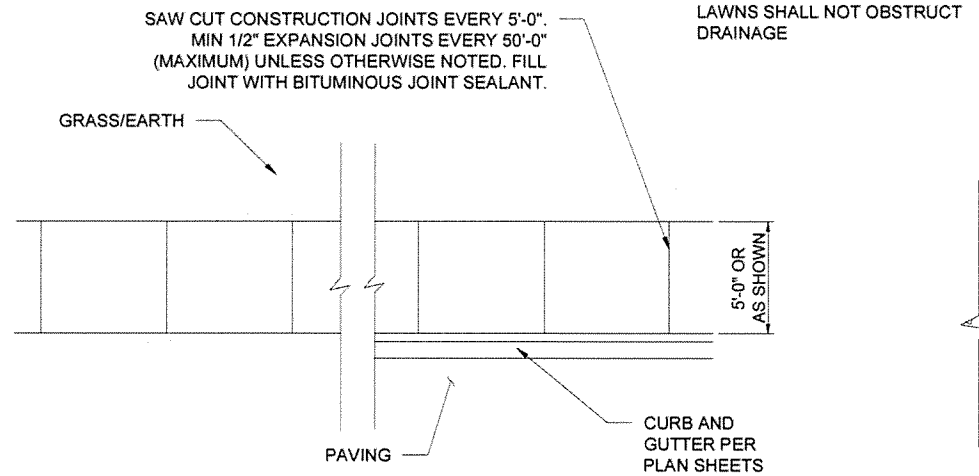
1 TYPICAL WALK
C-500 SCALE: NOT TO SCALE



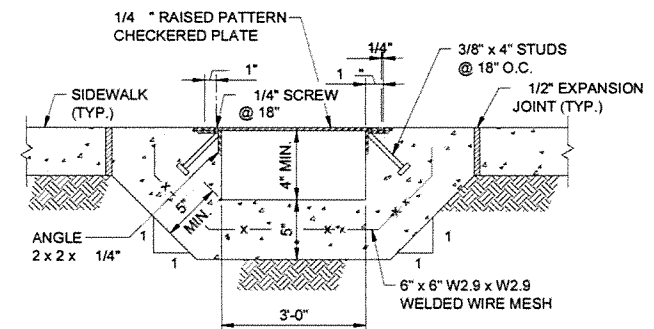
2 WALK JOINT DETAILS
C-500 SCALE: NOT TO SCALE



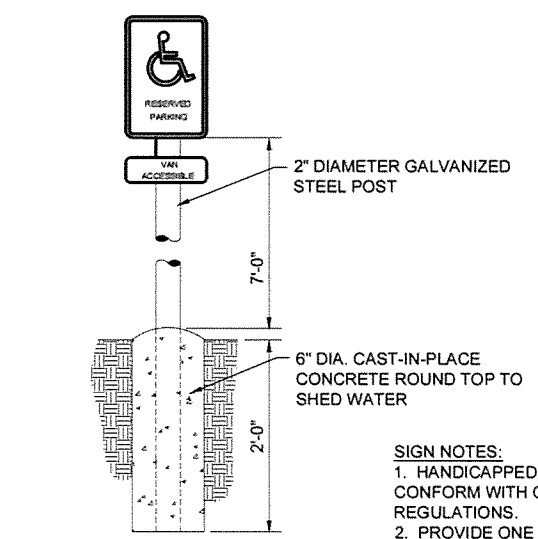
5 TYPICAL WHEEL STOP
C-500 SCALE: NOT TO SCALE



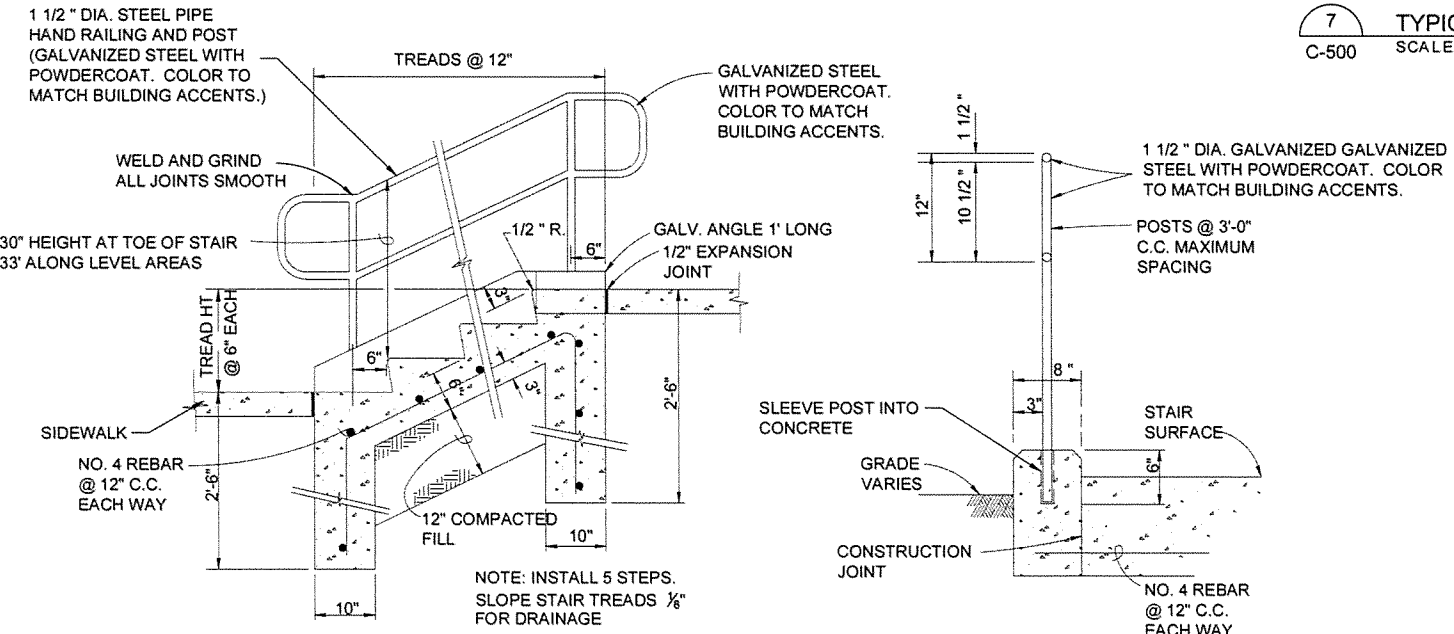
3 TYPICAL BUILDING GRADING DETAIL
C-500 SCALE: NOT TO SCALE



7 TYPICAL WALK DRAIN
C-500 SCALE: NOT TO SCALE

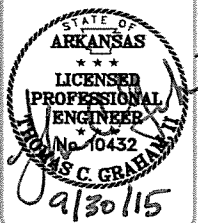


4 TYPICAL H.C. SIGNAGE
C-500 SCALE: NOT TO SCALE



6 CONCRETE STAIRS WITH HAND RAILING
C-500 SCALE: NOT TO SCALE

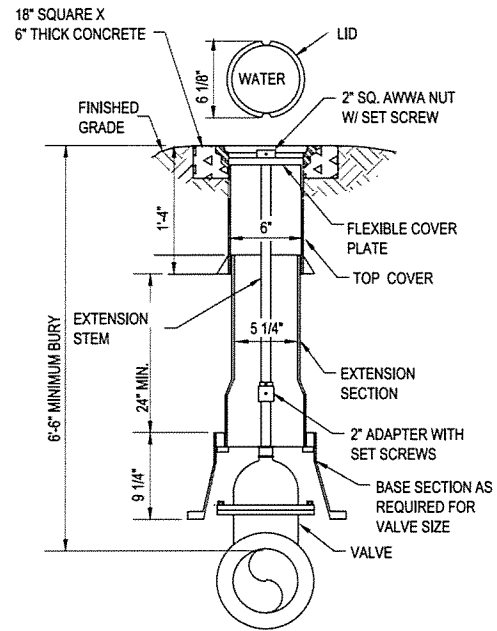
SIGN NOTES:
1. HANDICAPPED PARKING SIGN SHALL CONFORM WITH CURRENT ADA CODES AND REGULATIONS.
2. PROVIDE ONE H.C. SIGN AT EACH HANDICAPPED SPACE. VAN ACCESSIBLE SIGNS SHALL ONLY BE PLACED AT VAN ACCESSIBLE LOCATIONS.



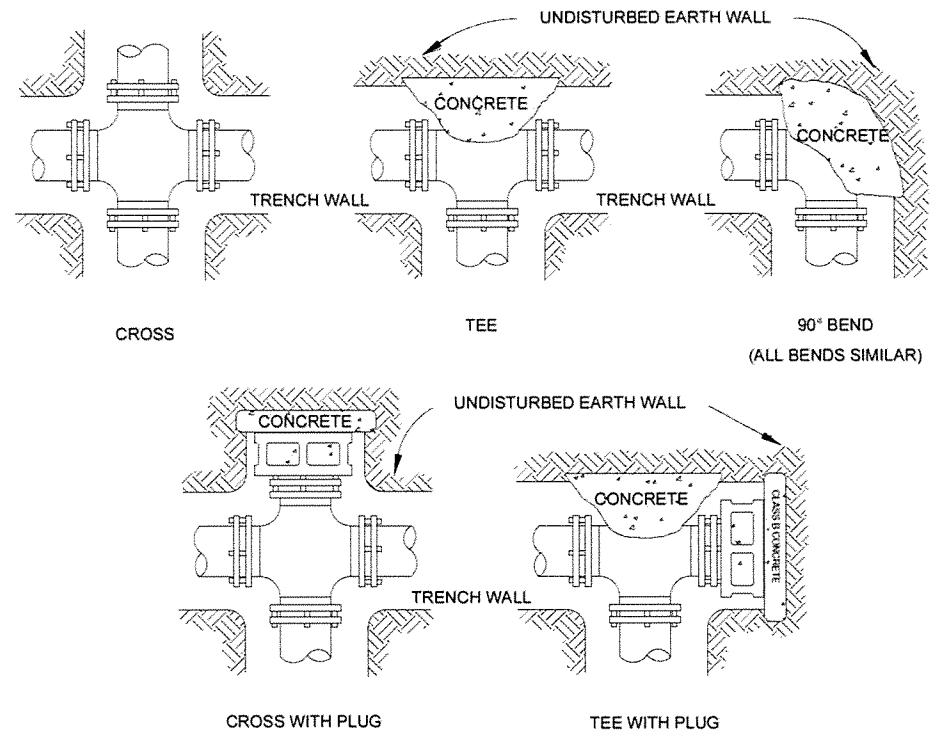
Date	Appr.	Issued For	Description
		ISSUED FOR CONSTRUCTION	

Job Number	080407	Scale	N/A	Sheet	N/A
Submitted by	J. S. C. GREEN	Plot Scale	1:1	Drawn by	T. MARTON
Job Title	Director, Project Services	Print Date	9/30/15	Checked by	G. ARCHER
File Name	AR18P-C-500 DWG				

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG FINET) (S)
JOB 080407
DETAILS I



1 VALVE RISER DETAIL
SCALE: NOT TO SCALE
C-501



HORIZONTAL FITTINGS

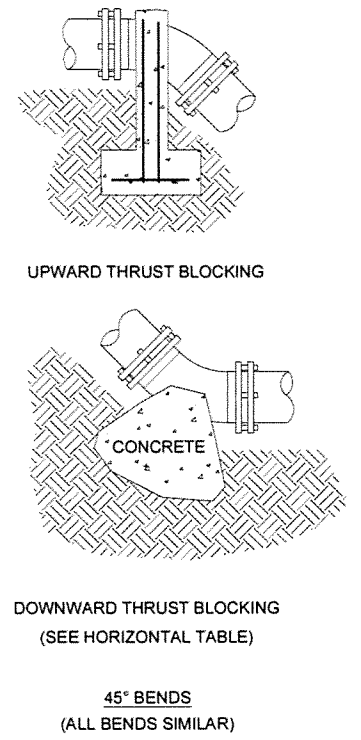
HORIZONTAL THRUST BLOCKING TABLE					
PIPE SIZE	REQUIRED SQ. FT. OF UNDISTURBED EARTH WALL FOR REACTION BACKING				
	TYPE OF FITTINGS				
	TEE	90°	45°	2 1/2°	1 1/4°
2"	1	1	1	1	1
3"	1	1	1	1	1
4"	1	1	1	1	1
6"	1.5	2	1	1	1
8"	2.5	3.5	1.8	1	1
10"	4	5.5	2.8	1.5	1
12"	6	8	4	2	1.5
14"	8	11	5.5	3	2
16"	10	14.2	7	4	3
18"	21	21	12	6	4
20"	26	26	14	7	5
24"	38	38	20	10	7
30"	59	59	32	16	9
36"	85	85	46	23	12

MINIMUM CONCRETE VOLUMES FOR UPWARD THRUST BLOCKING														
PIPE SIZE inches	11.25 DEGREE BEND				22.5 DEGREE BEND				45 DEGREE BEND				90 DEGREE BEND	
	ANCHOR STRAPS		Concrete VOLUME cu.yd.	ANCHOR STRAPS		Concrete VOLUME cu.yd.	ANCHOR STRAPS		Concrete VOLUME cu.yd.	ANCHOR STRAPS		Concrete VOLUME cu.yd.		
	NO.	SIZE		NO.	SIZE		NO.	SIZE		NO.	SIZE			
2.0	1	#4Ø	0.04	1	#4Ø	0.08	1	#4Ø	0.16	1	#4Ø	0.30		
3.0	1	#4Ø	0.09	1	#4Ø	0.18	1	#4Ø	0.36	1	#4Ø	0.67		
4.0	1	#4Ø	0.16	1	#4Ø	0.33	1	#4Ø	0.64	1	#4Ø	1.19		
6.0	1	#4Ø	0.37	1	#4Ø	0.74	1	#4Ø	1.44	1	#4Ø	2.67		
8.0	1	#4Ø	0.66	1	#4Ø	1.31	1	#4Ø	2.57	2	#4Ø	4.74		
10.0	1	#4Ø	1.03	1	#4Ø	2.04	2	#4Ø	4.01	2	#4Ø	7.40		
12.0	1	#4Ø	1.48	1	#4Ø	2.94	2	#4Ø	5.77	2	#5Ø	10.65		
14.0	1	#4Ø	2.01	2	#4Ø	4.01	2	#4Ø	7.86	2	#6Ø	14.52		
16.0	1	#4Ø	2.63	2	#4Ø	5.23	2	#5Ø	10.26	3	#5Ø	18.95		

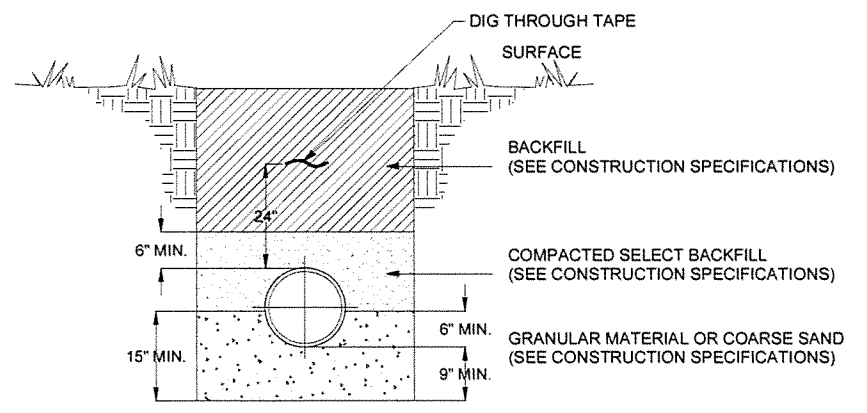
NOTE: 18" AND LARGER REQUIRES SPECIFIC DESIGN

- NOTES:
- DO NOT COVER BELLS OR FLANGES WITH CONCRETE.
 - WRAP ALL FITTINGS WITH VISQUEEN.
 - BACK ALL TEES ACCORDING TO SIZE OF BRANCH.
 - BACKING FUTURE LINE EXTENSIONS SHALL BE SUCH THAT LATER REMOVAL IS POSSIBLE.
 - ALL BENDS WHERE FITTINGS ARE USED, BOTH HORIZONTAL OR VERTICAL SHALL BE BACKED.
 - REACTION BACKING TABLE IS BASED ON 100 P.S.I. AND SOIL BEARING PRESSURE OF 2,500 P.S.F. ADDITIONAL BACKING MAY BE REQUIRED IN SOME AREAS AS DIRECTED BY ENGINEERS.
 - ALL CONCRETE SHALL BE 2,500 P.S.I.

3 THRUST BLOCKING
SCALE: NOT TO SCALE
C-501

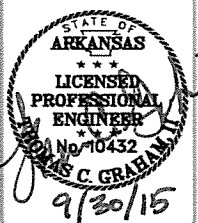


VERTICAL FITTINGS



2 UTILITY BEDDING DETAIL
SCALE: NOT TO SCALE
C-501

NOTE:
ALL ITEMS SHOWN ON THIS PAGE WILL BE PAID AS "SITE UTILITIES" BY THE LUMP SUM.



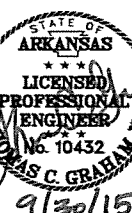
Job Number	Date	Appr
080497		

Submitted by	Job Number	Plot Scale	Plot Date	Drawn by	Checked by	File Name
John T. Waples, III, P.E., S.E., Director, Project Services	080497	N/A	9/30/15	T. BARTON	G. ARCHER	ARTISPR-C-501.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
DETAILS II



4701 Northshore Drive
N Little Rock, AR 72116
501-376-3533
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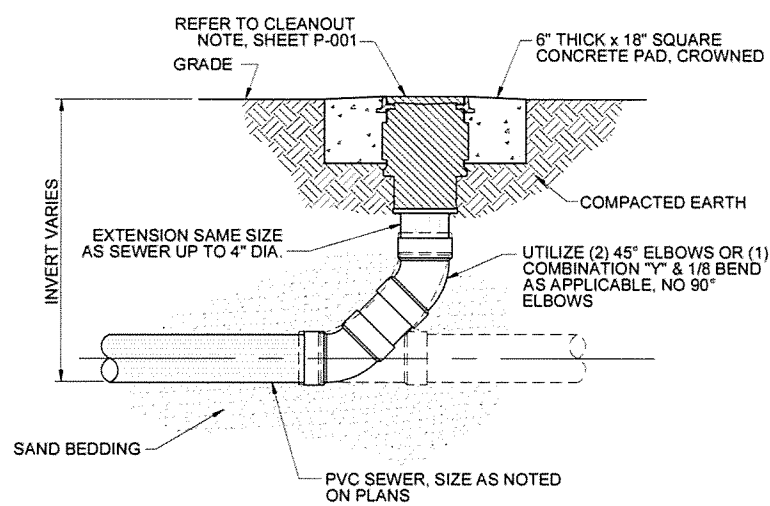


Job Number	Job Title	Date	Appr.
080497			

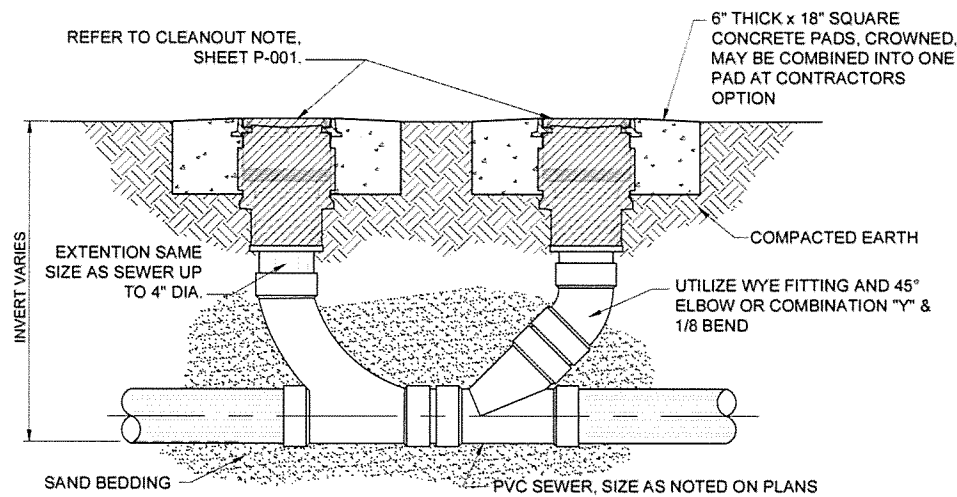
Submitted by	Reviewed by	Job Number
T. GRAHAM	T. GRAHAM	080497

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

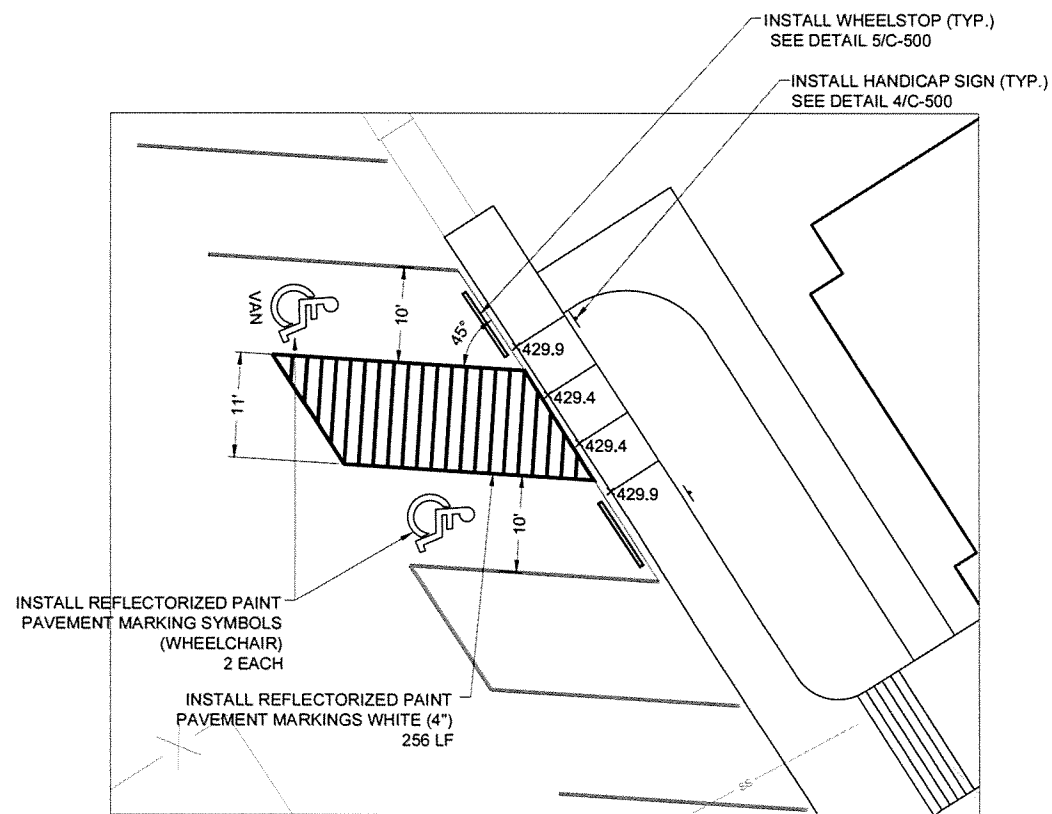
Sheet Reference Number
C-502
Sheet 21 of 105



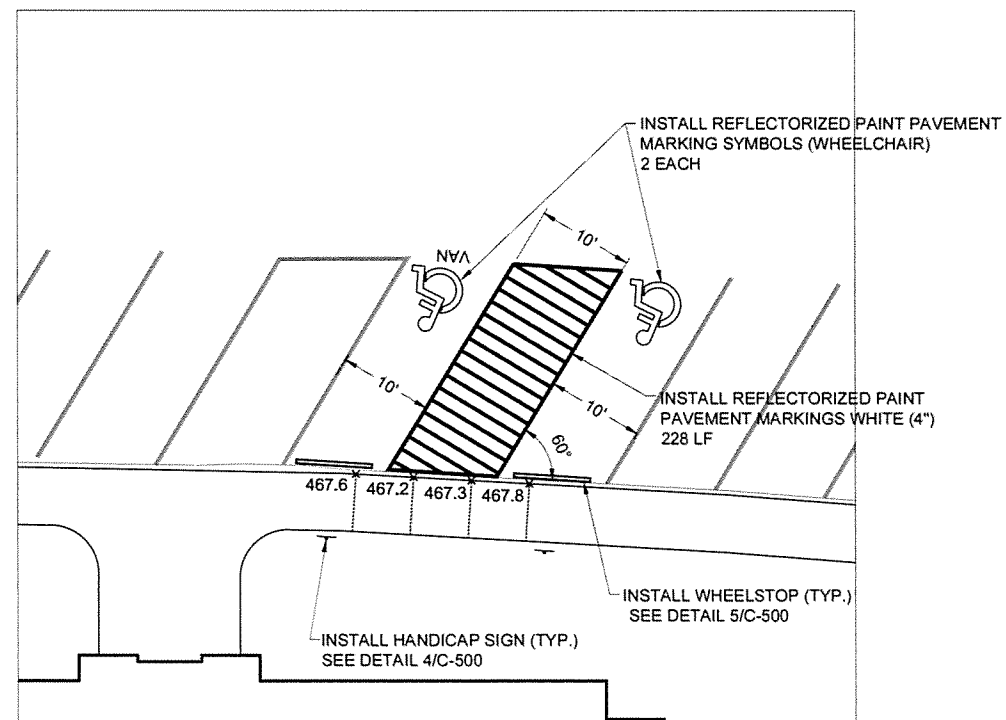
1 TYPICAL SANITARY SEWER CLEANOUT TO GRADE DETAIL
C-502 SCALE: NOT TO SCALE



2 TYPICAL TWO-WAY SANITARY SEWER CLEANOUT TO GRADE DETAIL
C-502 SCALE: NOT TO SCALE

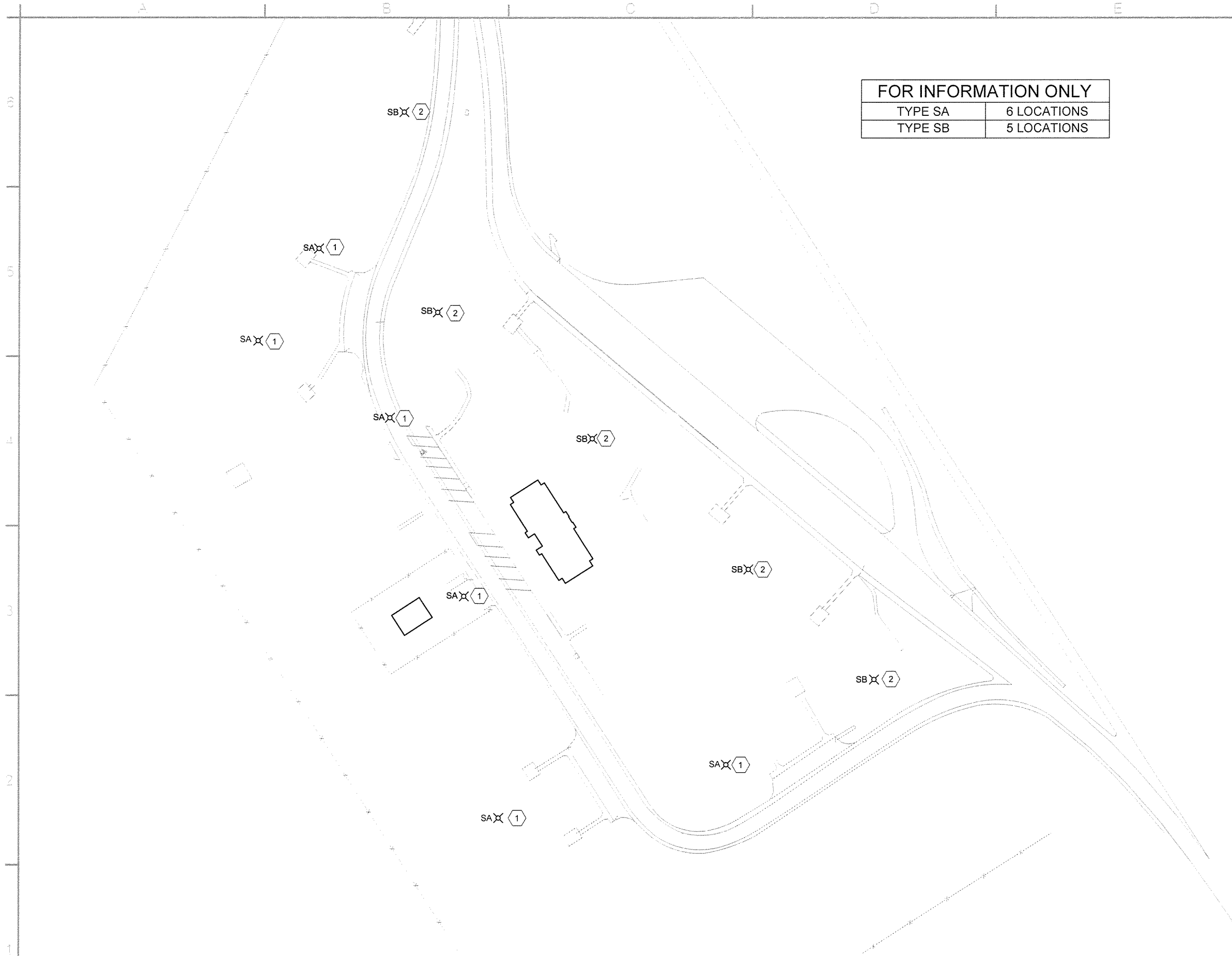


3 TYPICAL H.C. PARKING LAYOUT (EASTBOUND)
C-502 SCALE: 1" = 10'



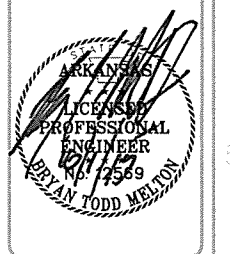
4 TYPICAL H.C. PARKING LAYOUT (WESTBOUND)
C-502 SCALE: 1" = 10'





FOR INFORMATION ONLY	
TYPE SA	6 LOCATIONS
TYPE SB	5 LOCATIONS

- KEYED NOTES**
- 1 REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SA, REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-602 FOR FIXTURE DETAILS. REUSE EXISTING POLE, CONDUIT, AND WIRE.
 - 2 REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SB, REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-602 FOR FIXTURE DETAILS. REUSE EXISTING POLE, CONDUIT, AND WIRE.

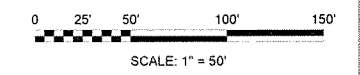


ISSUED FOR CONSTRUCTION	IFC Symbol	Date	JRR
		10/1/15	Appr

Designed by	Submitted by	Job Number
B. MELTON	John T. Williams, III, PE, SE Director, Federal Services	080497
Drawn by	Plot Date	Plot Scale
H. HOOVER	9/30/15	1:1
Checked by	Draw Code	
S. FEZOR		
File Name		
AH15BP-SE-101.DWG		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 EXTERIOR AREA LIGHTING PLAN (EASTBOUND)

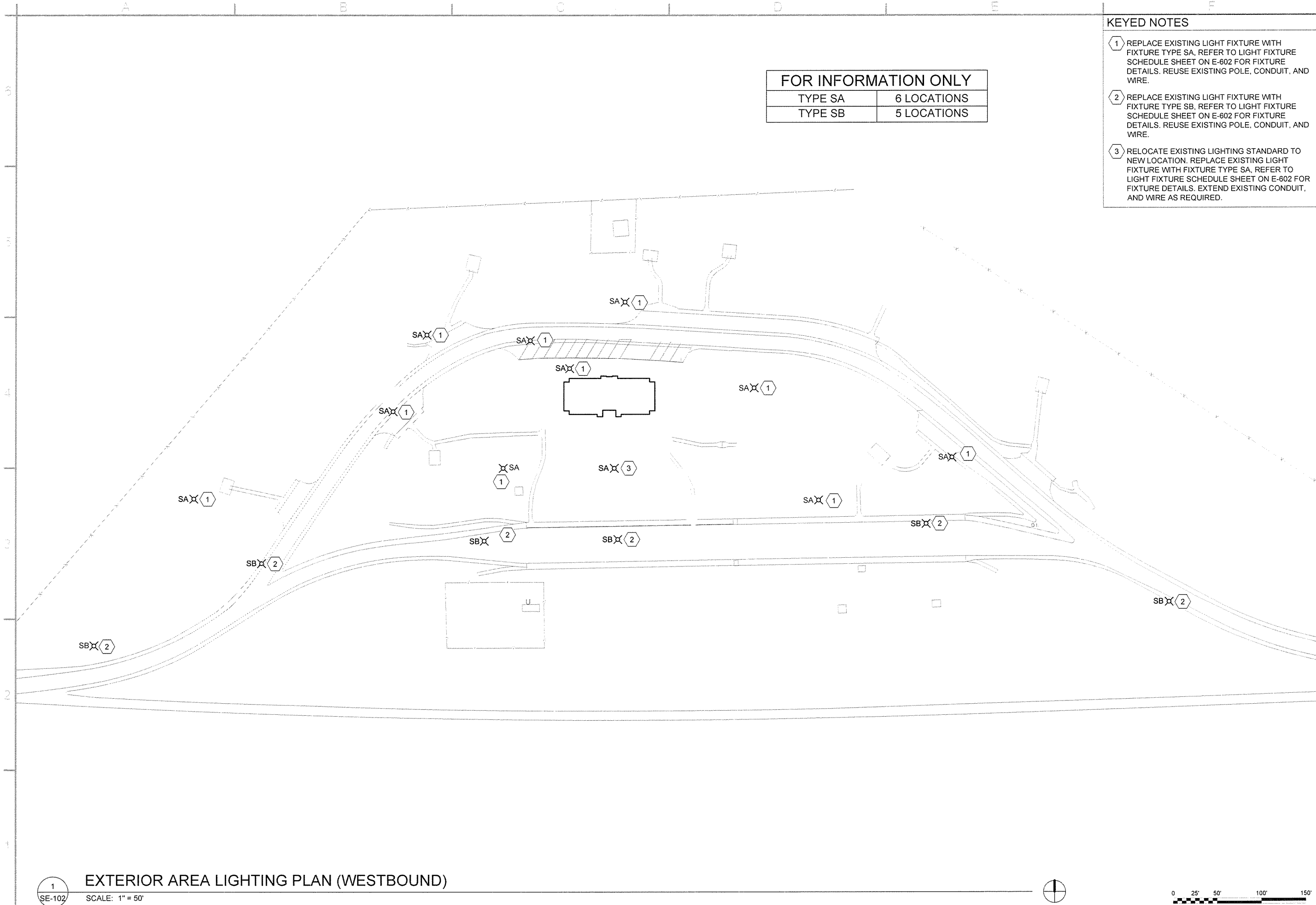
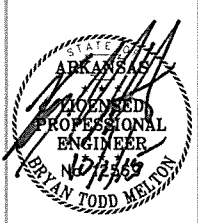
1
SE-101
SCALE: 1" = 50'



Sheet Reference Number:
SE-101
 Sheet 22 of 105

FOR INFORMATION ONLY	
TYPE SA	6 LOCATIONS
TYPE SB	5 LOCATIONS

- KEYED NOTES**
- 1 REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SA, REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-602 FOR FIXTURE DETAILS. REUSE EXISTING POLE, CONDUIT, AND WIRE.
 - 2 REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SB, REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-602 FOR FIXTURE DETAILS. REUSE EXISTING POLE, CONDUIT, AND WIRE.
 - 3 RELOCATE EXISTING LIGHTING STANDARD TO NEW LOCATION. REPLACE EXISTING LIGHT FIXTURE WITH FIXTURE TYPE SA, REFER TO LIGHT FIXTURE SCHEDULE SHEET ON E-602 FOR FIXTURE DETAILS. EXTEND EXISTING CONDUIT, AND WIRE AS REQUIRED.

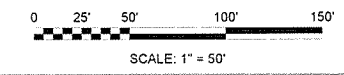


ISSUED FOR CONSTRUCTION	IFC Symbol
Date	JRR Appr
10/11/15	

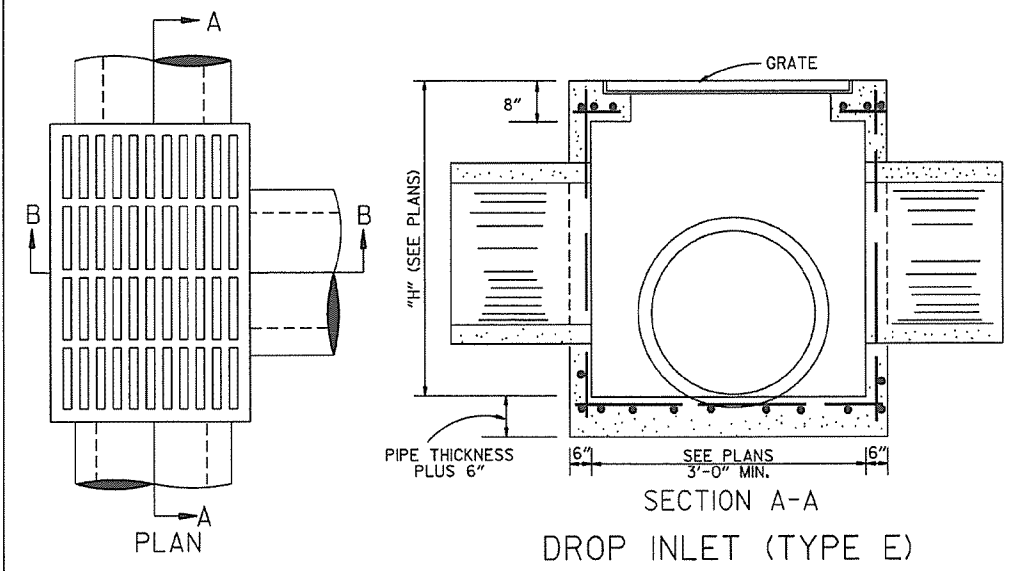
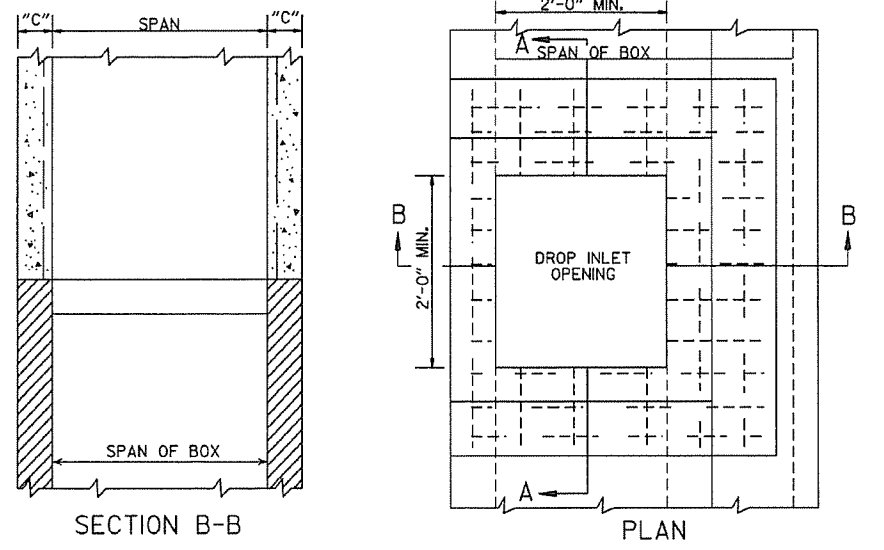
Submitted by	Job Number
John T. Williams, III, PE, SE Director, Federal Services	060497
Plot Date	Plot Scale
9/30/15	1:1
Checked by	Dwg Code
S. FEEZOR	
Designed by	File Name
B. MELTON	AH15BP-SE-102.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 060497
 EXTERIOR AREA LIGHTING PLAN (WESTBOUND)

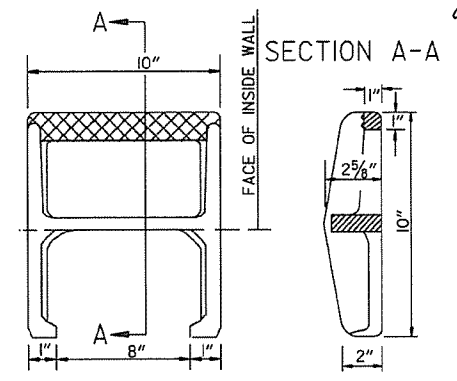
1
SE-102
SCALE: 1" = 50'



Sheet Reference Number:
SE-102
 Sheet 23 of 105

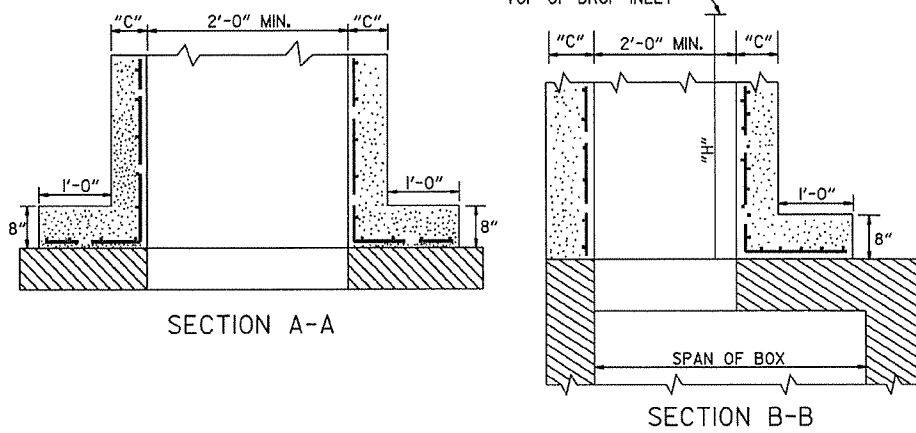


NOTE: REINF. BARS TO BE #4 BARS ON 6" CTRS. WITH 1/2" MIN. COVER. THIS TYPE DROP INLET TO BE USED WHERE NOT SUBJECTED TO TRAFFIC.

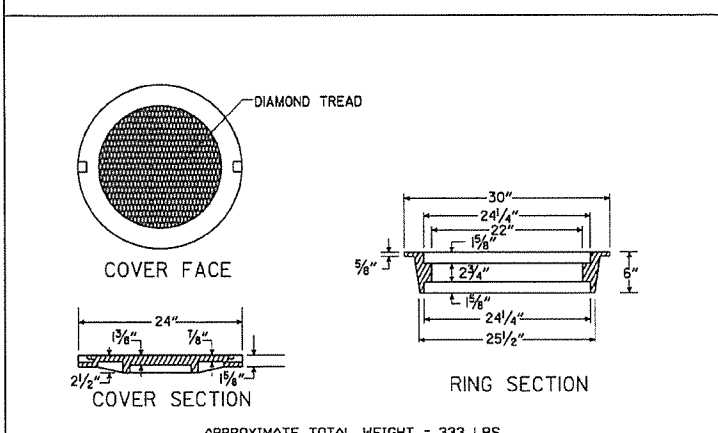


APPROX. WEIGHT = 11 LBS. (CAST IRON)
 PLAN
 NOTE: THIS DETAIL IS TYPICAL. OTHERS MAY BE USED WITH PRIOR APPROVAL OF THE ENGINEER.

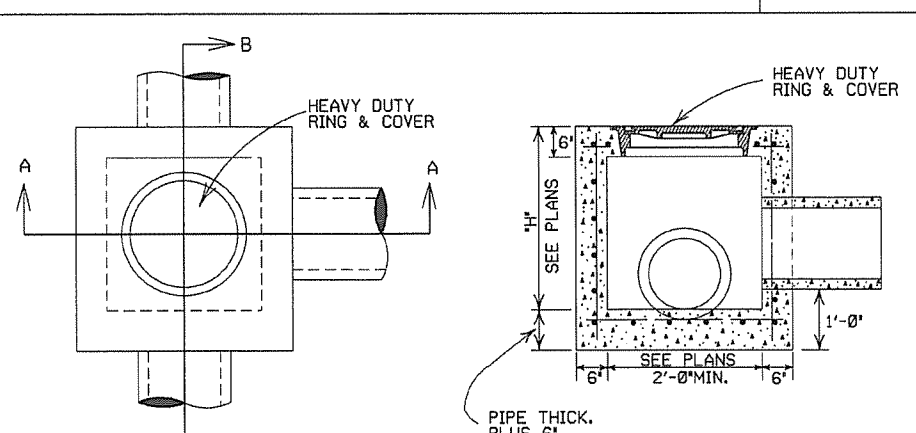
DETAIL OF STEP FOR DROP INLET



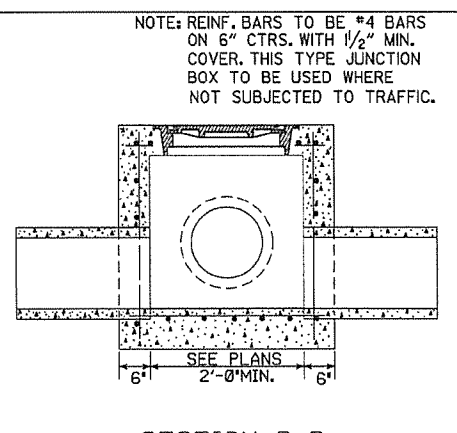
METHOD OF CONSTRUCTING DROP INLET ON EXISTING R.C. BOX CULVERT



HEAVY DUTY RING & COVER
 APPROXIMATE TOTAL WEIGHT = 333 LBS.

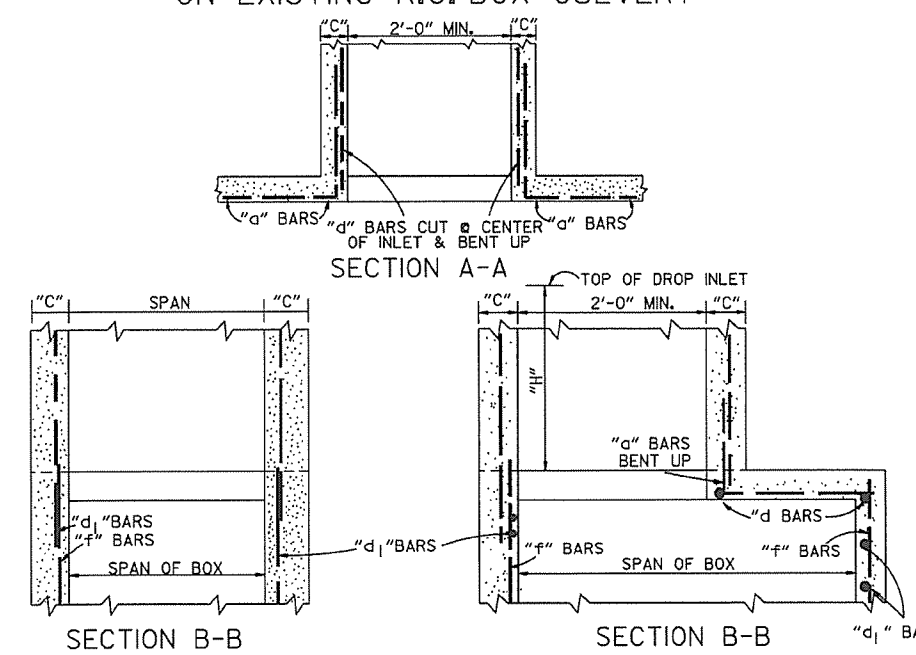


JUNCTION BOX (TYPE E)



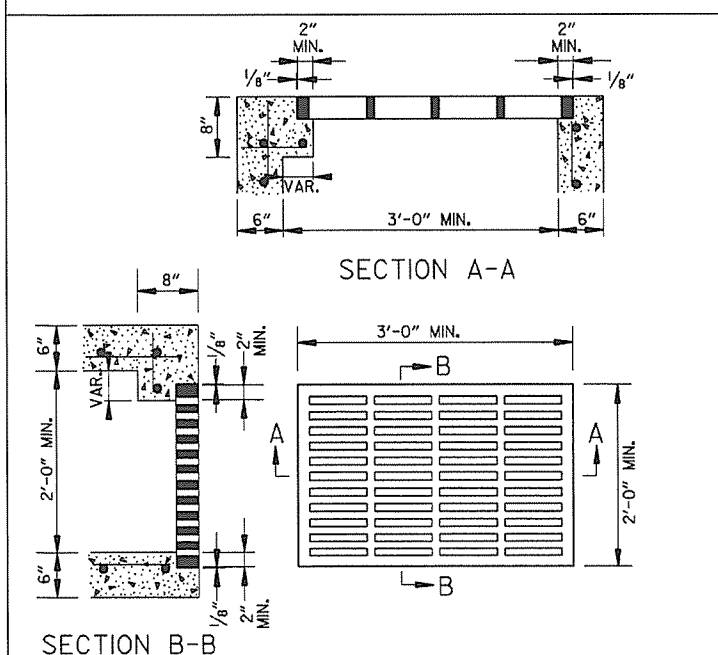
SECTION B-B

NOTE: REINF. BARS TO BE #4 BARS ON 6" CTRS. WITH 1/2" MIN. COVER. THIS TYPE JUNCTION BOX TO BE USED WHERE NOT SUBJECTED TO TRAFFIC.

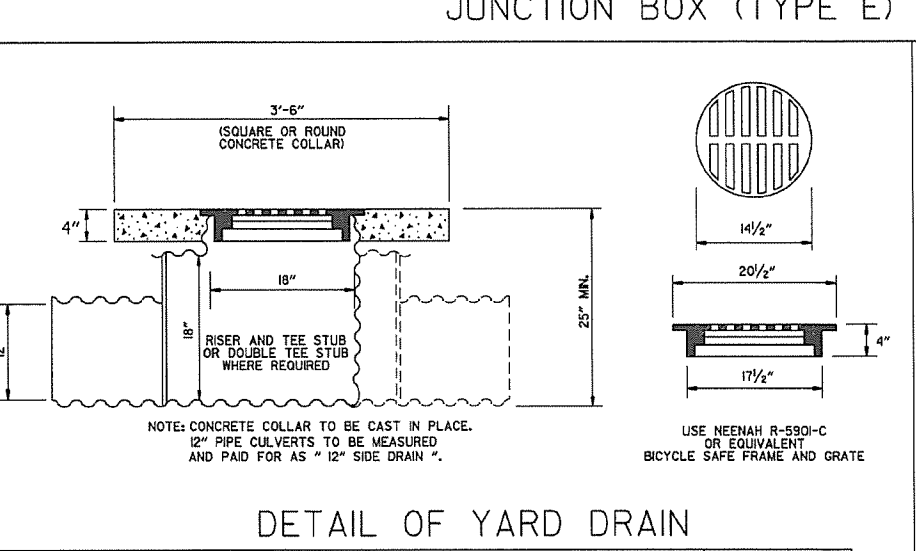


METHOD OF CONSTRUCTING DROP INLET ON NEW R.C. BOX CULVERT

NOTE: "C" DIMENSIONS AND REINFORCING BAR SIZES, SHALL CONFORM TO THOSE SHOWN ON STANDARD DRAWING FOR DROP INLET.



GRATE FOR TYPE E DROP INLET
 APPROXIMATE MINIMUM WATERWAY OPENING = 260 SQ. IN.

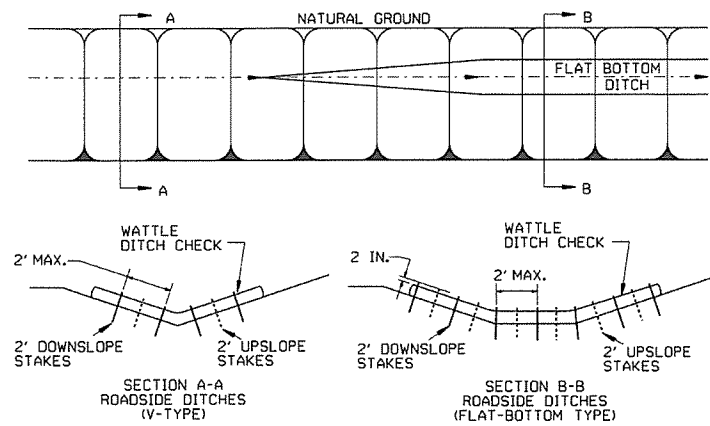


DETAIL OF YARD DRAIN

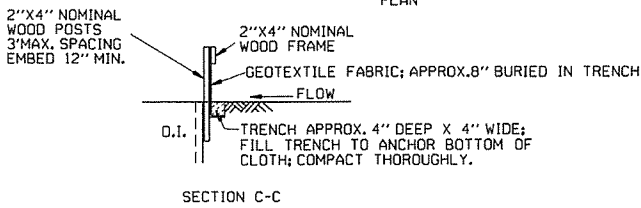
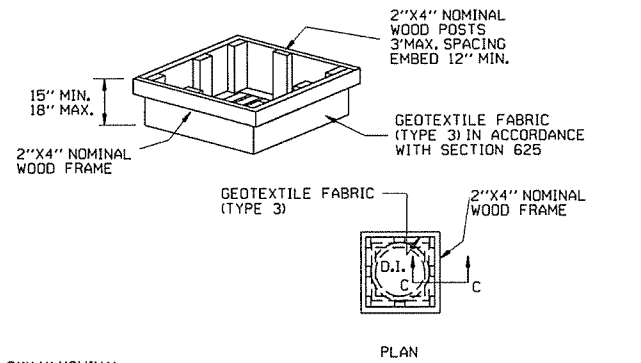
- GENERAL NOTES:
1. ALL EXPOSED CORNERS SHALL BE 3/4" CHAMFERED.
 2. STEPS SHALL BE INSTALLED ON 16" CENTERS ON ALL INLETS 4'-0" HIGH OR OVER, OR AS APPROVED BY THE ENGINEER.
 3. EXPANSION JOINT MATERIAL SHALL BE 3/4" PREFORMED FIBER.
 4. GRATE OR GRATE AND FRAME SHALL BE CONSTRUCTED OF CAST IRON AND SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR GRAY IRON CASTINGS AASHTO M 105 CLASS 35B. GRATE MAY BE USED WITHOUT FRAME.
 5. GRATE AND FRAME SHALL NOT BE PAINTED.
 6. GRATE SHALL BE BICYCLE SAFE.
 7. HEAVY DUTY RING SHALL ALWAYS BE INSTALLED WITH FLANGE ON TOP.
 8. HEAVY DUTY RING AND COVER SHALL BE CONSTRUCTED OF CAST IRON AND SHALL CONFORM TO THE REQUIREMENTS OF THE STANDARD SPECIFICATIONS FOR GRAY IRON CASTINGS AASHTO M105 CLASS 35B & AASHTO M306.
 9. HEAVY DUTY RING AND COVER SHALL NOT BE PAINTED.
 10. DIMENSIONS SHOWN FOR RING AND COVER ARE TYPICAL. THE CONTRACTOR MAY SUBSTITUTE SIMILAR CASTINGS WITH THE APPROVAL OF THE ENGINEER. REQUESTING APPROVAL FOR CASTING DESIGNS MAY BE MADE BY REFERRING TO PREVIOUSLY APPROVED DRAWINGS.

DATE	REV.	REVISION	DATE FILMED
11-16-01		ADDED NOTE 10	
1-12-00		REVISED HEAVY DUTY RING & COVER	
7-02-98		CHANGED GRATE DETAIL, DELETED DI (TYPE D), REPLACED RING & COVER W/HEAVY DUTY RING & COVER, ADDED JUNCTION BOX (TYPE E)	
6-26-97		ADDED DIMENSION TO TYPE IV-A	
10-18-96		ADDED DETAIL OF YARD DRAIN	
8-15-91		DELETE TYPE IV GRATE	
7-15-88		REVISED STEP DETAIL	
5-20-83		REVISED DETAILS OF GRATES (TYPE IV & IV-A)	
2-4-83		ADDED GENERAL NOTE NO. 4	
3-2-81		ADDED TYPE IV-A GRATE	
5-22-74		DELETED INLET (TYPE F) & GRATE (TYPE III)	
10-2-72		REVISED AND REDRAWN	

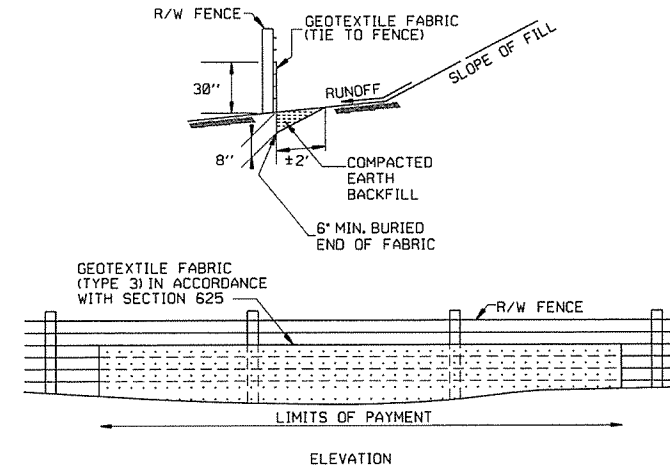
GENERAL NOTES
 INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.



WATTLE DITCH CHECK (E-1)

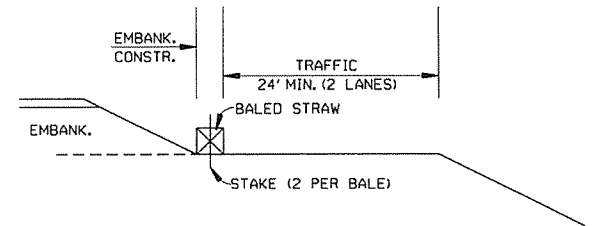


DROP INLET SILT FENCE (E-7)



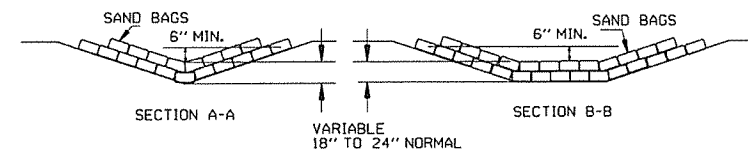
SILT FENCE ON R/W FENCE (E-4)

GENERAL NOTES
 GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST, OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.

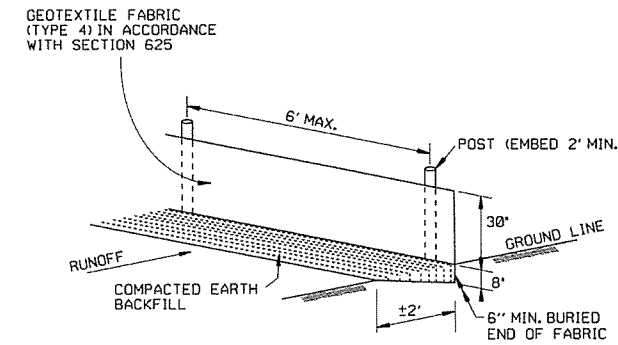


BALED STRAW FILTER BARRIER (E-2)

NUMBER OF SAND BAGS AND ARRANGEMENT VARIABLE WITH ON-SITE CONDITIONS. PLACE SAND BAGS AT BASE OF DITCH CHECK IN AREA OF OVERFLOW.

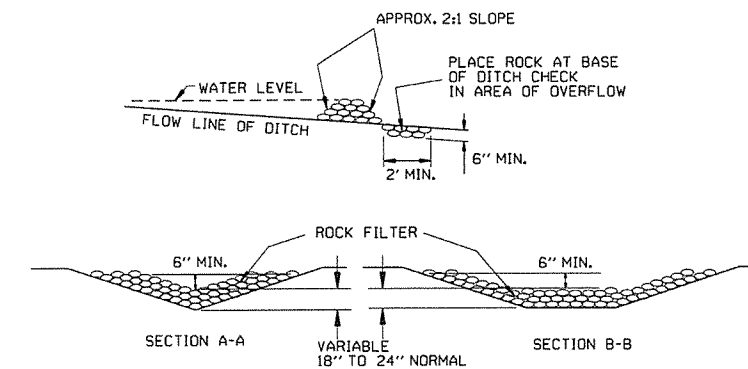


SAND BAG DITCH CHECK (E-5)



SILT FENCE (E-11)

GENERAL NOTES
 GEOTEXTILE FABRIC SHALL BE SPLICED TOGETHER WITH A SEWN SEAM ONLY AT A SUPPORT POST OR TWO SECTIONS OF FENCE MAY BE OVERLAPPED INSTEAD. PAYMENT OF ADDITIONAL MATERIAL FOR OVERLAP WILL NOT BE MADE.



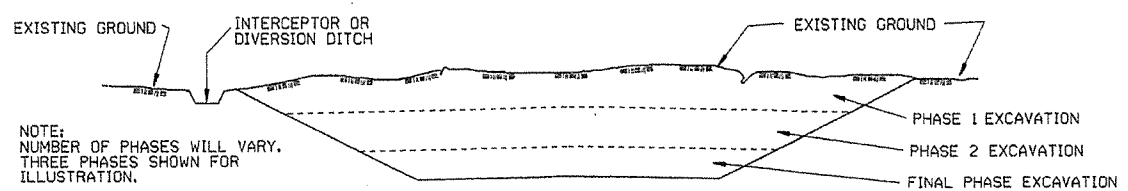
ROCK DITCH CHECK (E-6)

12-15-11	DELETED BALED STRAW DITCH CHECK & ADDED WATTLE DITCH CHECK		ARKANSAS STATE HIGHWAY COMMISSION
11-18-98	ADDED NOTES		
7-02-98	ADDED BALED STRAW FILTER BARRIER (E-2)		
7-20-95	REVISED SILT FENCE E-4 AND E-11	7-20-95	TEMPORARY EROSION CONTROL DEVICES
7-15-94	REV. E-4 & E-11 MIN. 13\"/>		
6-2-94	REVISED E-1, 4, 7 & 11; DELETED E-2 & 3	6-2-94	
4-1-93	REDRAWN		
10-1-92	REDRAWN		
8-2-76	ISSUED R.D.M.	298-7-28-76	STANDARD DRAWING TEC-1
DATE	REVISION	FILMED	

CLEARING AND GRUBBING

- CONSTRUCTION SEQUENCE
1. PLACE PERIMETER CONTROLS (I.E. SILT FENCES, DIVERSION DITCHES, SEDIMENT BASINS, ETC.)
 2. PERFORM CLEARING AND GRUBBING OPERATION.

EXCAVATION



NOTE:
NUMBER OF PHASES WILL VARY.
THREE PHASES SHOWN FOR
ILLUSTRATION.

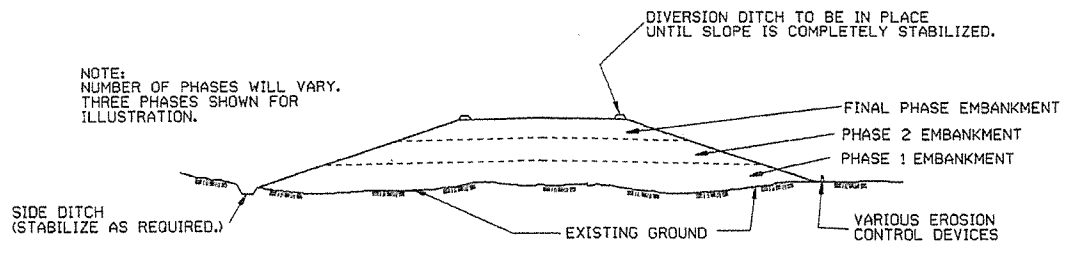
GENERAL NOTE

ALL CUT SLOPES SHALL BE DRESSED, PREPARED, SEEDED, AND MULCHED AS THE WORK PROGRESSES. SLOPES SHALL BE EXCAVATED AND STABILIZED IN EQUAL INCREMENTS NOT TO EXCEED 25 FEET, MEASURED VERTICALLY.

CONSTRUCTION SEQUENCE

1. EXCAVATE AND STABILIZE INTERCEPTOR AND/OR DIVERSION DITCHES.
2. PERFORM PHASE 1 EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING.
3. PERFORM PHASE 2 EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING.
4. PERFORM FINAL PHASE OF EXCAVATION. PLACE PERMANENT OR TEMPORARY SEEDING. STABILIZE DITCHES. CONSTRUCT DITCH CHECKS, DIVERSION DITCHES, SEDIMENT BASINS, OR OTHER EROSION CONTROL DEVICES AS REQUIRED.

EMBANKMENT



NOTE:
NUMBER OF PHASES WILL VARY.
THREE PHASES SHOWN FOR
ILLUSTRATION.

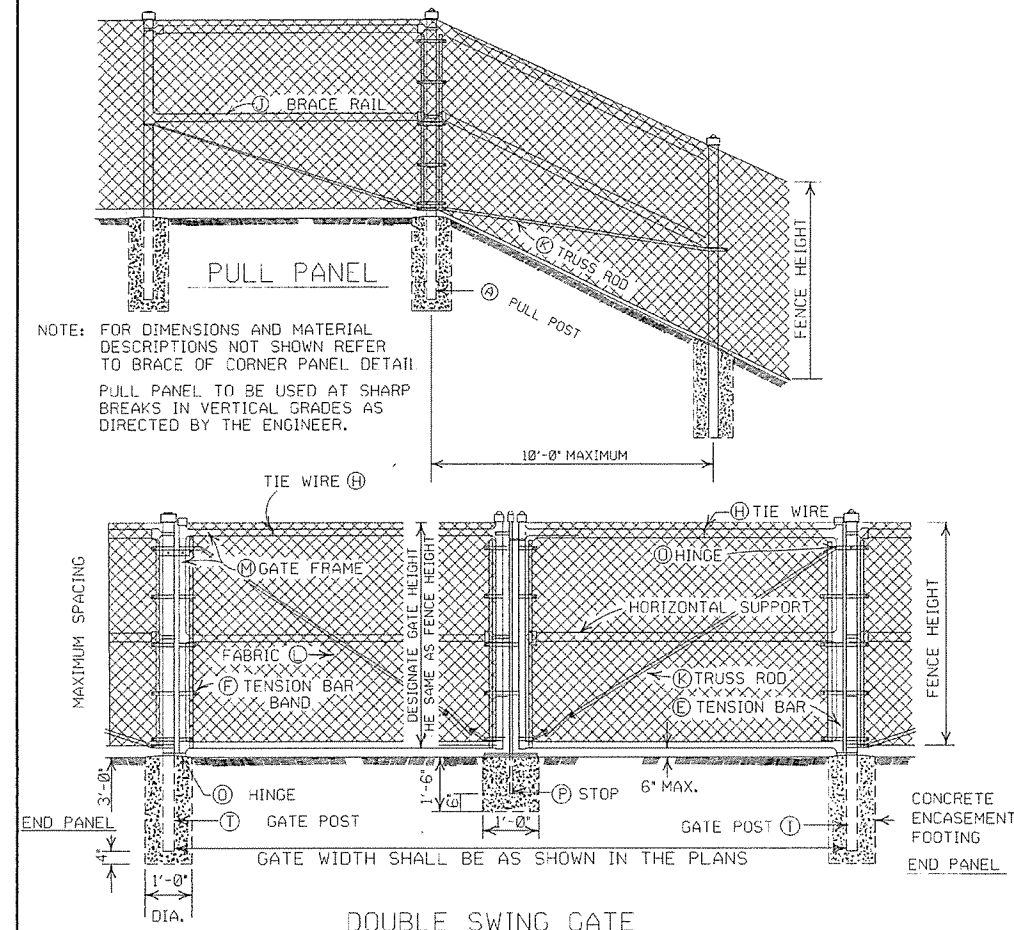
GENERAL NOTE

ALL EMBANKMENT SLOPES SHALL BE DRESSED, PREPARED, SEEDED, AND MULCHED AS THE WORK PROGRESSES. SLOPES SHALL BE CONSTRUCTED AND STABILIZED IN EQUAL INCREMENTS NOT TO EXCEED 25 FEET, MEASURED VERTICALLY.

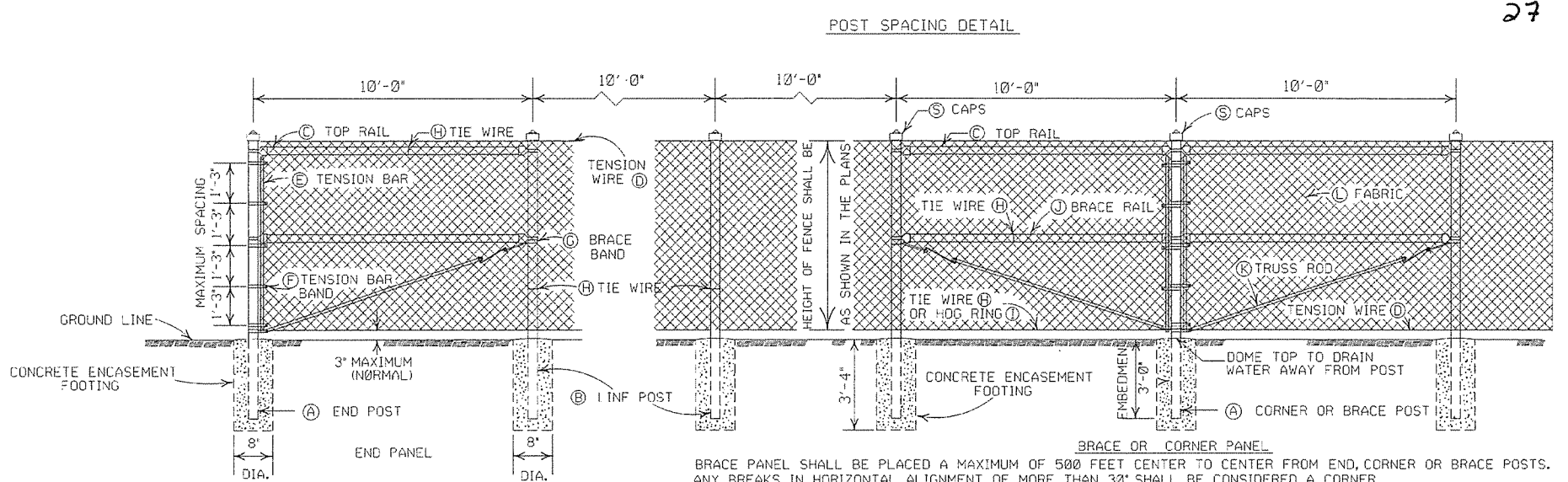
CONSTRUCTION SEQUENCE

1. CONSTRUCT DIVERSION DITCHES, DITCH CHECKS, SEDIMENT BASINS, SILT FENCES, OR OTHER EROSION CONTROL DEVICES AS SPECIFIED.
2. PLACE PHASE 1 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PROVIDE DIVERSION DITCHES AND SLOPE DRAINS IF EMBANKMENT CONSTRUCTION IS TO BE TEMPORARILY ABANDONED FOR A PERIOD OF GREATER THAN 21 DAYS.
3. PLACE PHASE 2 EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PROVIDE DIVERSION DITCHES AND SLOPE DRAINS IF EMBANKMENT CONSTRUCTION IS TO BE TEMPORARILY ABANDONED FOR A PERIOD OF GREATER THAN 21 DAYS.
4. PLACE FINAL PHASE OF EMBANKMENT WITH PERMANENT OR TEMPORARY SEEDING. PLACE DIVERSION DITCHES AND SLOPE DRAINS AND MAINTAIN UNTIL ENTIRE SLOPE IS STABILIZED.

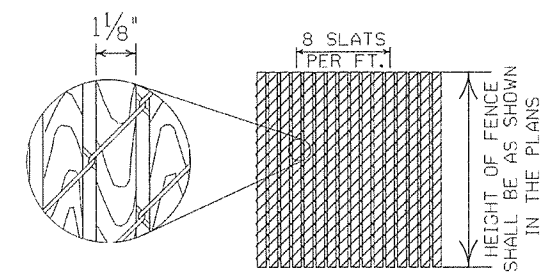
ARKANSAS STATE HIGHWAY COMMISSION		
TEMPORARY EROSION CONTROL DEVICES		
11-03-94	CORRECTED SPELLING	
6-2-94	Drawn & Issued	6-2-94
DATE	REVISION	FILMED
STANDARD DRAWING TEC-3		



NOTE: FOR DIMENSIONS AND MATERIAL DESCRIPTIONS NOT SHOWN REFER TO BRACE OR CORNER PANEL DETAIL. PULL PANEL TO BE USED AT SHARP BREAKS IN VERTICAL GRADES AS DIRECTED BY THE ENGINEER.



BRACE PANEL SHALL BE PLACED A MAXIMUM OF 500 FEET CENTER TO CENTER FROM END, CORNER OR BRACE POSTS. ANY BREAKS IN HORIZONTAL ALIGNMENT OF MORE THAN 30' SHALL BE CONSIDERED A CORNER.



- GENERAL NOTES:**
- (C) CHAIN LINK FENCE BEING PLACED ON PRIVATE PROPERTY SHALL INCLUDE A TOP RAIL. ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, AND INCIDENTALS NECESSARY TO COMPLETE THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE BID PER LIN. FT. OF CHAIN LINK FENCE.
 - (D) TENSION WIRE: SHALL BE SECURED TO ALL TERMINAL, PULL, BRACE OR CORNER POSTS WITH TENSION BAR BANDS.
 - (J) BRACE RAIL: BRACE RAILS SHALL BE PROVIDED AT ALL TERMINAL, PULL, BRACE OR CORNER POSTS HALF WAY BETWEEN THE TOP RAIL AND GROUND LEVEL WHEN TOPRAIL IS SPECIFIED AND TWELVE INCHES (12") DOWN FROM TOP OF FABRIC WHEN TOP TENSION WIRE IS SPECIFIED. BRACE RAIL SHALL EXTEND FROM SUCH POST TO THE FIRST ADJACENT LINE POST.
 - (L) FABRIC: SHALL CONFORM TO THE SPECIFICATIONS.

HEIGHT OF FENCE FABRIC	(A)	(B)		(C)			(D)		(E)		(F)		(G)		
	END, PULL CORNER OR BRACE POST	SIZE	TIE SPACING	SIZE	TIE SPACING	MIN. LENGTH	SIZE	TIE SPACING	SIZE	LENGTH	SIZE	BOLT SIZE	SPACING	SIZE	BOLT SIZE
6' AND LESS	2 1/2" O.D.	2" O.D.	1 TIE EVERY 1'-2"	1 1/2" O.D.	1 TIE EVERY 2'-0"	10'-0"	7 GAUGE COIL SPRING WIRE	1 TIE EVERY 1'-0"	MIN. OF 3/16" X 3/4"	MIN. OF 2" LESS THAN FABRIC HEIGHT	3/4" X 3/8"	1 BAND AT TOP AND BOTTOM	15" MAX. INTERVAL BETWEEN BANDS	3/4" X 3/8"	5/16" X 1/4"
OVER 6' TO 12' INCL.	3" O.D.	2 1/2" O.D.	1 TIE EVERY 2'-0" OF FABRIC HEIGHT	1 1/2" O.D.	1 TIE EVERY 2'-0"	10'-0"	7 GAUGE COIL SPRING WIRE	1 TIE EVERY 1'-0"	3/16" X 3/4"	MIN. OF 2" LESS THAN FABRIC HEIGHT	3/4" X 3/8"	1 BAND AT TOP AND BOTTOM	15" MAX. INTERVAL BETWEEN BANDS	3/4" X 3/8"	5/16" X 1/4"

HEIGHT OF FENCE FABRIC	(H)	(I)	(J)		(K)	(L)		(M)	(N)	(O)	(T)		
	TIE WIRE	HOG RING	SIZE	TIE SPACING	TRUSS ROD	SIZE	MESH SELVAGE	SIZE	TIE SPACING	SIZE	TIE SPACING	HINGE TYPE	GATE POST
6' AND LESS	MIN. OF 12 GA. STEEL OR 9 GA. ALUM.	SAME GAUGE AS FABRIC	1 1/2" O.D.	1 TIE EVERY 2'-0"	MIN. OF 3/8" ROUND WITH 9 GA. TIGHTENERS AND FITTINGS	9 GA.	2" KNUCK-ING AND/OR TWIST-ING	2" O.D.	1 TIE EVERY 1'-0"	2" O.D.	1 TIE EVERY 1'-0"	180° SWING	3' O.D.
OVER 6' TO 12' INCL.	MIN. OF 12 GA. STEEL OR 9 GA. ALUM.	SAME GAUGE AS FABRIC	1 1/2" O.D.	1 TIE EVERY 2'-0"	MIN. OF 3/8" ROUND WITH 9 GA. TIGHTENERS AND FITTINGS	9 GA.	2" KNUCK-ING AND/OR TWIST-ING	2" O.D.	1 TIE EVERY 1'-0"	2" O.D.	1 TIE EVERY 1'-0"	180° SWING	4' O.D.

NOTE: POST SIZES SHOWN ARE FOR STEEL, WHERE ALUMINUM IS PROVIDED. LINE POSTS SHALL HAVE AN OUT SIDE DIAMETER OF 2 1/2" FOR FENCE HEIGHT OF 6' AND LESS, AN OUTSIDE DIAMETER OF 3" FOR FENCE HEIGHT OF 6' TO 12'. END, PULL, CORNER OR BRACE POSTS SHALL HAVE AN OUTSIDE DIAMETER OF 3" FOR FENCE HEIGHT OF 6' AND LESS; AN OUTSIDE DIAMETER OF 3 1/2" FOR FENCE HEIGHTS OF 6' TO 12'. GATE POSTS WHERE GATE WIDTH IS 12' AND LESS SHALL HAVE AN OUTSIDE DIAMETER OF 3 1/2" FOR FENCE HEIGHT OF 6' AND LESS, ALUMINUM TENSION WIRE SHALL BE 0.192" IN DIAMETER, MINIMUM THICKNESS OF MATERIAL FROM WHICH EXPANSION SLEEVES SHALL BE MADE WILL BE 0.078". POSTS AND RAILS MAY HAVE ANY CROSS-SECTIONAL SHAPE THAT WILL MEET THE SPECIFICATIONS.

OTHER DETAILS APPLY TO BOTH STEEL AND ALUMINUM FENCE.

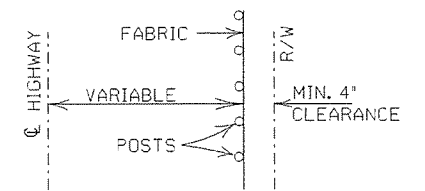
ALL MISCELLANEOUS FITTINGS AND HARDWARE SHALL MEET THE REQUIREMENTS AND PRODUCTION TOLERANCES AS SET FORTH IN THE SPECIFICATIONS. 9 GAUGE ALUMINUM WIRE SHALL BE ACCEPTABLE FOR TIEING FABRIC TO TUBULAR AND ROLL FORMED MEMBERS OF STEEL FENCE.

- (M) GATE FRAMES: SHALL BE CONSTRUCTED OF TUBULAR MEMBERS ASSEMBLED BY USE OF HEAVY PRESSED STEEL, MALLEABLE FITTINGS OR BY WELDING. ALL GATES SHALL HAVE ONE HORIZONTAL SUPPORT EXTENDING THE WIDTH OF THE GATE AT THE MIDPOINTS OF VERTICAL FRAME MEMBERS. THE COMPLETE FRAME SHALL BE RIGID AND HAVE AMPLE STRENGTH TO BE FREE FROM SAC AND TWIST.
- (O) HINGES: SHALL BE OF HEAVY PATTERN, OF ADEQUATE STRENGTH FOR GATE, AND WITH LARGE BEARING SURFACES FOR CLAMPING IN POSITION. THE HINGE SHALL BE OF THE PROPER TYPE TO ALLOW FOR THE DESIGNATED DEGREE OF SWING. THE HINGE SHALL NOT TWIST OR TURN UNDER THE ACTION OF THE GATE. THE GATES SHALL BE CAPABLE OF BEING OPENED AND CLOSED EASILY BY ONE PERSON.
- (P) LATCHES AND STOPS: SHALL BE PROVIDED FOR ALL GATES. GATES SHALL HAVE A DROP BAR LATCH. LATCHES SHALL BE ARRANGED FOR LOCKING. THE STOP FOR DROP BAR LATCHES SHALL BE SET IN CONCRETE AND ENGAGE THE PLUNGER OF THE BAR LATCH.
- (S) CAPS: ALL POSTS, EXCEPT ROLL FORMED POSTS AND "T" POSTS SHALL BE CAPPED OVER THE EXTERIOR OF THE POST, AND SHALL CONFORM TO ASTM F626.

CONCRETE REQUIRED FOR THE EMBEDMENT OF ALL POSTS SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE BID FOR CHAIN LINK FENCE.

POSTS SHALL BE SPACED EQUIDISTANT ON A MAXIMUM OF 10' CENTERS.

EXCAVATION FOR POSTS: IN OTHER THAN ROCK SHALL BE OF THE DIMENSIONS INDICATED. IF ROCK IS ENCOUNTERED BEFORE REACHING THE REQUIRED DEPTH, THE EXCAVATION SHALL BE CONTINUED TO THE DEPTH INDICATED OR 1'-6" INTO THE ROCK, WHICHEVER IS LESS, AND SHALL BE A MINIMUM OF 8 INCHES IN DIAMETER.



INSTALLATION MAY BE MODIFIED AS SHOWN IN THE PLANS

POSTS AND RAILS

SIZE O.D.	GRADE 1 AND ALUMINUM ALLOY				GRADE 2		
	O.D. INCHES	WALL THICKNESS	LBS. PER LINEAR FT.		O.D. INCHES	WALL THICKNESS	LBS. PER LINEAR FT.
			STEEL	ALUMINUM			
1 1/2	1.660	0.140	2.27	0.786	1.660	0.111	1.84
2	1.900	0.145	2.72	0.940	1.900	0.120	2.28
2 1/2	2.375	0.154	3.65	1.264	2.375	0.130	3.11
3	2.875	0.203	5.79	2.004	2.875	0.160	4.64
3 1/2	3.500	0.216	7.58	2.621	3.500	0.160	5.71
4	4.000	0.226	9.11	3.151	4.000	0.160	6.56

TOLERANCES ON DIMENSIONS AND WEIGHTS ACCORDING TO AASHTO M 181

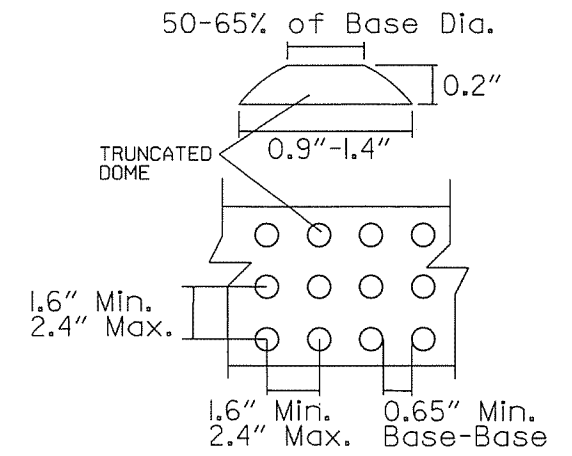
DATE	REVISION	FILMED
11-17-10	REVISED TRUSS ROD	
12-10-09	REVISED POSTS & RAILS TABLE	
5-21-07	ADDED TABLE & GEN. NOTE (C)	
8-22-02	REVISED NOTES, REMOVED TABLE, & REMOVED FENCE ALTERNATE	
4-3-97	REVISED BRACE RAIL NOTE	
10-18-96	REVISED AASHTO & ASTM REF.	
11-3-94	REVISED NOTE (L)	
10-1-92	DELETED ALTERNATE POST	10-1-92
8-15-91	DELETED ROLL FORMED POST DETAIL & ADDED NOTE	8-15-91
11-30-89	DELETED CLASS CONCRETE	11-30-89
11-17-88	REVISED O.D. SIZES	668-11-17-88
10-30-87	GENERAL REVISIONS	548-10-30-87
4-20-79	REVISED TOP RAIL & TENSION WIRE	695-4-20-79
10-2-72	REVISED AND REDRAWN	530-10-2-72

ARKANSAS STATE HIGHWAY COMMISSION

CHAIN LINK FENCE

STANDARD DRAWING WF-3

GENERAL NOTES FOR DETECTABLE WARNING DEVICES
 THE DETECTABLE WARNING DEVICE SHALL BE LOCATED SO THAT THE NEAREST EDGE OF THE DEVICE IS 6 TO 8 INCHES FROM THE FACE OF THE CURB. TRUNCATED DOMES IN THE DETECTABLE WARNING SURFACE SHALL MEET THE REQUIREMENTS OF THE GEOMETRIC CONFIGURATION SHOWN. DOMES SHALL BE ALIGNED ON A SQUARE GRID IN THE PREDOMINANT DIRECTION OF TRAVEL TO PERMIT WHEELS TO ROLL BETWEEN DOMES. DETECTABLE WARNING DEVICE SHALL BE 24 INCHES IN THE DIRECTION OF TRAVEL AND EXTEND THE FULL WIDTH OF THE CURB RAMP OR FLUSH SURFACE. DETECTABLE WARNING DEVICE SHALL BE ON THE AHTD QUALIFIED PRODUCTS LIST FOR CAST-IN-PLACE TACTILE PANELS (ADA DETECTABLE WARNING).



DETECTABLE WARNING DEVICE DETAIL

GENERAL NOTES:

IN ALTERATIONS WHEELCHAIR RAMPS ARE TO BE PROVIDED AT CURBED STREET INTERSECTIONS WITH PEDESTRIAN TRAFFIC AND MID-BLOCK CROSSWALK LOCATIONS. THE LENGTH OF THE RAMP SHALL BE SUCH THAT THE SLOPE DOES NOT EXCEED 12:1. THE SURFACE TEXTURE OF THE RAMP SHALL CONFORM TO A CLASS 6 FINISH ACCORDING TO SECTION 802.19. THE NORMAL GUTTER GRADE SHALL BE MAINTAINED THROUGH THE AREA OF THE RAMP. ALL PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION. THE MINIMUM THICKNESS OF THE RAMP, WALK, & LANDING SHALL BE 4". THE MINIMUM WIDTH OF THE RAMPS SHALL BE THE EXISTING WALK WIDTH OR 36", WHICHEVER IS GREATER. MINOR MODIFICATIONS OF THESE DETAILS, AS APPROVED BY THE ENGINEER, MAY BE MADE TO ADJUST TO LOCAL CONDITIONS.

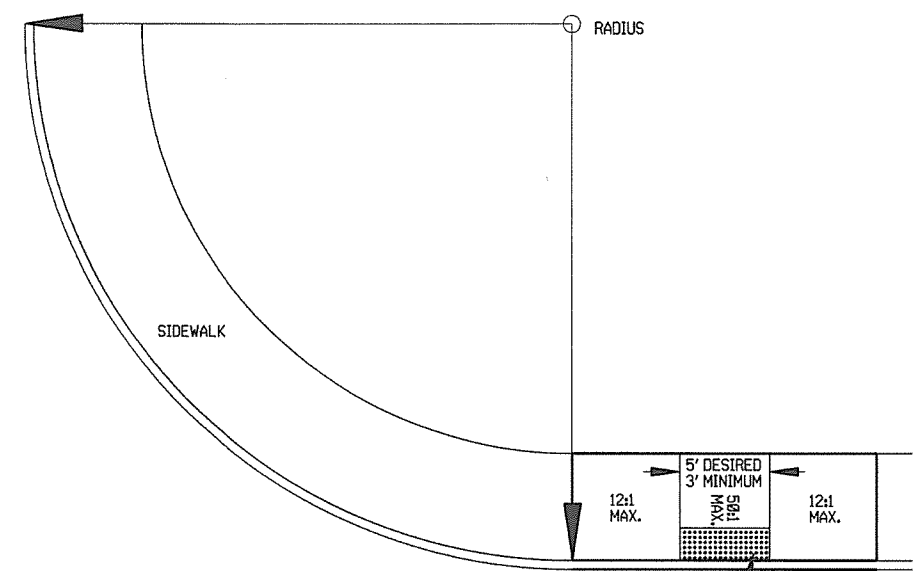
NOTE: THE CROSS SLOPE OF THE RAMPS AND SIDEWALKS SHALL NOT EXCEED 2.0% UNLESS REQUIRED TO MATCH STREET LONGITUDINAL GRADE.

RAMP SELECTION CRITERIA

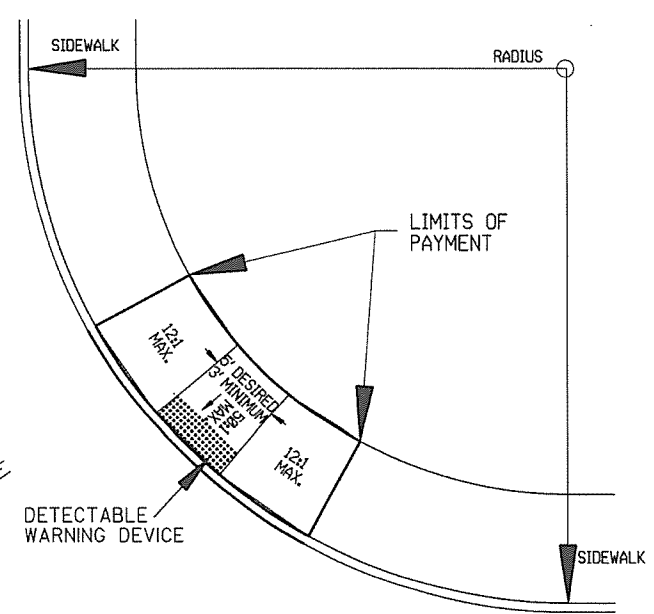
FIRST CHOICE	TYPE 1	CORNER LOCATIONS WITH THE WALK ADJACENT TO THE CURB (BOTH NEW CONSTRUCTION AND ALTERATIONS).
	TYPE 2	CORNER LOCATIONS WITH THE WALK OFFSET FROM THE CURB A DISTANCE INSUFFICIENT TO ALLOW THE REQUIRED RAMP SLOPE (BOTH NEW CONSTRUCTION AND ALTERATIONS).
	TYPE 3	CORNER LOCATIONS WITH THE WALK OFFSET FROM THE CURB A DISTANCE SUFFICIENT TO ALLOW THE REQUIRED RAMP SLOPE (BOTH NEW CONSTRUCTION AND ALTERATIONS).
	TYPE 4	TANGENT LOCATIONS (BOTH NEW CONSTRUCTION AND ALTERATIONS).
SECOND CHOICE	TYPE 5	TANGENT LOCATIONS (ALTERATIONS ONLY).
THIRD CHOICE	TYPE 6	CORNER LOCATIONS (ALTERATIONS ONLY). THIS RAMP MAY BE USED ONLY IF THE TYPE 5 RAMPS CANNOT BE PLACED AT THE ENDS OF THE RADIUS.
FOURTH CHOICE		IF SITE CONSTRAINTS PREVENT THE CONSTRUCTION OF ANY OF THE TYPES LISTED, THEN AND ONLY THEN CAN THE 12:1 MAX. SLOPE ON THE RAMP BE EXCEEDED TO PROVIDE ACCESS TO THE STREET LEVEL (ALTERATIONS ONLY). THE SLOPE CAN BE STEEPENED TO A 10:1 MAX. FOR A MAX. LENGTH OF 5' OR A 8:1 MAX. FOR A MAX. LENGTH OF 2'. SLOPES STEEPER THAN 8:1 ARE NOT ALLOWED UNDER ANY CIRCUMSTANCES.

NOTE: IN ALTERATIONS, THE SELECTION OF THE TYPE OF WHEELCHAIR RAMP TO BE CONSTRUCTED SHALL BE BASED ON THE AMOUNT OF RIGHT-OF-WAY AVAILABLE, AND ON THE PRESENCE OF OTHER SITE CONSTRAINTS (UTILITIES, BUILDINGS, ETC.). THE TABLE ABOVE LISTS THE ORDER IN WHICH THE RAMPS ARE TO BE CONSIDERED.

AN ALTERATION IS DEFINED AS A PROJECT THAT CHANGES OR AFFECTS THE USE OF A PEDESTRIAN PATHWAY (OVERLAYS, SIGNALIZATION PROJECTS, ETC.) BUT DOES NOT REQUIRE THE PURCHASE OF ADDITIONAL RIGHT-OF-WAY. ALL PROJECTS THAT REQUIRE THE PURCHASE OF ADDITIONAL RIGHT-OF-WAY WILL USUALLY BE CONSIDERED NEW CONSTRUCTION FOR THE PURPOSES OF THE CHART ABOVE.



TYPE 5 RAMP



TYPE 6 RAMP

			ARKANSAS STATE HIGHWAY COMMISSION
10-9-03	REVISED GENERAL NOTES & ADDED NOTE.	10-07-03	WHEELCHAIR RAMPS ALTERATIONS ONLY
4-10-03	REVISED DETECTABLE WARNING DEVICE DETAIL		
8-22-02	ADDED DETECTABLE WARNING DEVICES DETAILS		STANDARD DRAWING WR-2
11-18-98	REV. FOURTH CHOICE NOTE		
8-12-98	REVISED TEXTURE		
7-02-98	ISSUED		
DATE	REVISION	DATE FILM	

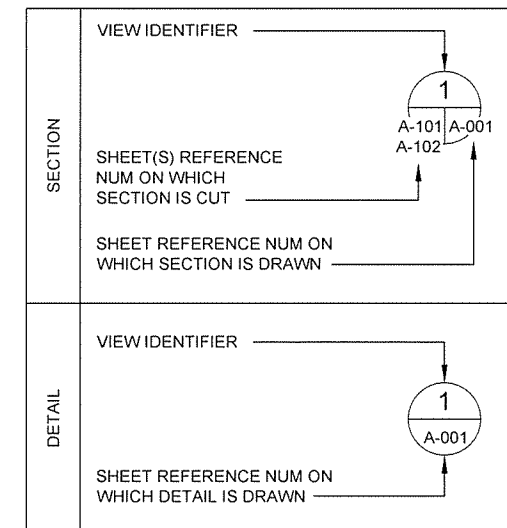
ABBREVIATIONS

& - AND
 ∟ - ANGLE
 @ - AT
 A.B. - ANCHOR BOLT
 A/C - AIR CONDITIONING
 AC., ACOUS. - ACOUSTICAL - ACOUST.
 ACT - ACOUSTICAL CEILING TILE
 AT - ACOUSTICAL TILE
 ADJ., - ADJUST - ADJUSTABLE
 A.F.F. - ABOVE FLOOR FINISH
 AL. - ALUM. - ALUMINUM
 ALT. - ALTERNATE
 AP. - ACCESS PANEL
 APPROX. - APPROXIMATELY
 B., BOT - BOTTOM
 BD. - BOARD
 BITUM - BITUMINOUS
 BL. - BUILDING LINE
 BLDG. - BUILDING
 BLK. - BLOCK, BLKG. - BLOCKING
 BM., B.M. - BEAM, BENCH MARK
 B.O.F. - BOTTOM OF FOOTING
 BOT. - BOTTOM
 B.P. - BASE PLATE
 BR. - BEDROOM
 BRKT. - BRACKET
 B.S. - BOTH SIDES
 B/U., B.U. - BUILT UP
 B.W. - BOTH WAYS
 [- CHANNEL
 CL - CENTERLINE
 CAB. - CABINET
 CAP. - CAPACITY
 CEM. - CEMENT
 CER. - CERAMIC
 C.F./C.I. - CONTRACTOR FURNISHED/
 CONTRACTOR INSTALLED
 C.H. - COAT HOOK
 CHAM. - CHAMFER
 CHAN. - CHANNEL
 C.I. - CAST IRON
 C.I.P. - CAST IRON PIPE
 C.J. - CONTROL JOINT
 C.L. - CENTER LINE
 CLR. - CLEAR, COLOR
 CLEAN'G. - CLEANING
 CLG. - CEILING
 CLK. - CLOCK
 CLKG. - CAULKING
 C.M.U. - CONCRETE MASONRY UNIT
 C.O. - CLEANOUT
 COL. - COLUMN
 CONC. - CONCRETE
 CONST. - CONSTRUCTION
 CONT. - CONTINUOUS
 CONTR. - CONTRACT (OR CONTRACTION)
 CPT. - CARPET
 C.T. - CERAMIC TILE
 CTG. - COATING
 C.W. - COLD WATER
 DET. - DETAIL
 DIA. - DIAMETER
 DIAG. - DIAGONAL, DIAGRAM
 DIM. - DIMENSION
 DISP. - DISPENSER
 D.L. - DEAD LOAD
 DN. - DOWN
 DR. - DOOR
 D.S. - DOWNSPOUT
 DBL. - DOUBLE
 EA. - EACH
 E.F. - EACH FACE
 E.J., EXP. JT. - EXPANSION JOINT
 EL. - ELEVATION
 ELAST. - ELASTOMERIC
 ELEC. - ELECTRICAL
 ELEV. - ELEVATION "VIEW", ELEVATOR
 EQ. - EQUAL
 EQUIP. - EQUIPMENT
 E.W. - EACH WAY
 E.W.C. - ELECTRIC WATER COOLER
 E.W.H. - ELECTRIC WATER HEATER
 EXH. - EXHAUST
 EXIST. - EXISTING
 EXP. - EXPANSION
 EXT. - EXTERIOR
 F.A. - FRESH AIR
 F.A.P. - FIRE ALARM PANEL
 F.C.U. - FAN COIL UNIT
 F.D. - FLOOR DRAIN, FIRE DAMPER
 FDN., FOUND - FOUNDATION
 F.E. - FIRE EXTINGUISHER
 F.E.C. - FIRE EXTINGUISHER CABINET
 FED. - FEDERAL
 F.F.EL. - FINISH FLOOR ELEVATION
 F.G. - FINISH GRADE
 F.H.C. - FIRE HOSE CABINET
 FIG. - FIGURE
 FIN. - FINISH (ED) (ES)
 FL., FLR. - FLOOR
 FL., FLASH'G - FLASHING
 FLUOR. - FLUORESCENT
 F.O.B. - FACE OF BRICK
 FR. - FRAME
 FT. - FOOT, FEET, FT. - SQ. FT.
 FTG. - FOOTING
 FUR. - FURNACE
 FURN. - FURNITURE
 FURRG. - FURRING
 G - GAS
 G.A. - GAGE
 GALV. - GALVANIZED, GALVD. - GALVANIZED
 G.B. - GRAB BARS - GYPSUM WALLBOARD
 GL., - GLASS
 GF/CI - GOVERNMENT FURNISHED/CONTRACTOR INSTALLED
 GF/GI - GOVERNMENT FURNISHED/GOVERNMENT INSTALLED
 GR. - GRADE
 GRD. - GROUND
 G.T. - GREASE TRAP
 G.W.B. - GYPSUM WALL BOARD
 GYP. - GYPSUM
 GYP. BD. - GYPSUM BOARD
 G.B. - GYPSUM BOARD
 GAL. - GALLON
 H., HGT., HT. - HEIGHT
 H.B. - HOSE BIBB
 H.M. - HOLLOW METAL
 HORIZ. - HORIZONTAL
 HR. - HOUR
 HTG. - HEATING
 H.W. - HOT WATER
 HW., HDW., H'DWARE - HARDWARE
 HDWE. - HARDWARE
 I.D. - INSIDE DIAMETER, INSIDE DIMENSION, IDENTIFICATION
 IN. - INCH
 INS., INSUL. - INSULAT (ION), (ED)
 INT. - INTERIOR
 INV. - INVERT
 JAN. - JANITOR'S CLOSET
 JT. - JOINT
 JST. - JOIST
 JSTS. - JOISTS
 K.O. - KNOCKOUT
 K.P.L. - KICK PLATE
 L. - ANGLE
 LOUV., LVR. - LOUVRE (R), (RED)
 LAV. - LAVATORY
 LBS. - POUNDS, LB. - POUND
 LG. - LONG, LENGTH
 L.H. - LEFT HAND
 L.L. - LIVE LOAD
 LT. - LIGHT
 LTG. - LIGHTING
 m - METER
 mm - MILLIMETER
 MACH. - MACHINE
 MAINT. - MAINTENANCE
 MAS. - MASONRY
 MAT., MAT'L - MATERIAL
 MAX. - MAXIMUM
 M.C. - MEDICINE CABINET
 M.D.P. - MAIN DISTRIBUTION PANEL
 MECH. - MECHANICAL, MECHL. - MECHANICAL
 MEZZ. - MEZZANNE
 MET., MAT'L - METAL
 MFR. - MANUFACTURER, MFG. - MANUFACTURER
 MFRD. - MANUFACTURED
 M.G. - MIRROR GLASS
 J.H. - MANHOLE
 MIN. - MINIMUM, MINUTE
 MISC. - MISCELLANEOUS
 MK. - MARK
 M.O. - MASONRY OPENINGS
 M.T. - METAL THRESHOLD
 MULL. - MULLION
 M.W.P. - MEMBRANE WATERPROOFING
 N. - NORTH
 N.C. - NON-CORROSIVE
 N.I.C. - NOT IN CONTRACT
 NO. - NUMBER
 NOM. - NOMINAL
 N.T.S. - NOT TO SCALE
 O.A. - OUTSIDE AIR
 O.C. - ON CENTER (S)
 O.C.E.W. - ON CENTER EACH WAY
 O.D. - OUTSIDE DIAMETER
 OFF. - OFFICE
 O.H. - OVERHEAD, OPPOSITE HAND
 OHE - OVERHEAD ELECTRIC
 O.J. - OPEN JOISTED
 OP'G., OPNG. - OPENING
 OPP. - OPPOSITE
 O.R. - OUTSIDE RADIUS
 OZ. - OUNCES
 P. - POLE, PHASE, PIPE
 PARA. - PARAGRAPH
 PART (N) - PARTITION, PTN. - PARTITION
 PCT. - PERCENT
 P. LAM - PLASTIC LAMINATE
 PL., P - PLATE, PLACE
 PLAS. - PLASTER, PLAST., - PLASTER
 PLAS. LAM. - PLASTIC LAMINATE
 PLYWD. - PLYWOOD
 PNL. - PANEL, PNLS. - PANELS
 PR. - PAIR
 PREC. - PRECAST
 PRELIM. - PRELIMINARY
 P.S.F. - POUNDS PER SQUARE FOOT
 P.S.I. - POUNDS PER SQUARE INCH
 P.T.D. - PAPER TOWEL DISPENSER
 QTR. - QUARTER
 QTY. - QUANTITY
 R. - RADIUS, RISER
 R.A. - RETURN AIR
 RAD. - RADIUS
 R.A.G. - RETURN AIR GRILLE
 R.C.P. - REINFORCED CONCRETE PIPE
 R.D. - ROOF DRAIN
 RECP. - RECEPACLE
 REF. - REFERENCE
 REG. - REGULATOR, REGISTER
 REINF. - REINFORCE (D), (MENT)
 REQ'D. - REQUIRED
 RES. - RESILIENT TILE
 RESIL. - RESILIENT
 RET. - RETAINING
 REV. - REVISION
 R.H. - ROUND HEAD, ROUND HOLE, ROBE HOOK,
 RIGHT HAND
 RM.(S) - ROOM (S)
 R.O. - ROUGH OPENING
 SAN. - SANITARY
 S.B. - SPLASH BLOCK
 S.C. - SOLID CORE, SHOWER CURTAIN
 SCH., SCHED. - SCHEDULE
 SCR., S.C.R. - SCREEN, SHOWER CURTAIN RAIL
 S.D. - SOAP DISPENSER
 SECT. - SECTION
 SEP. - SEPARATE
 SERV. - SERVICE
 S.G. - SEMI GLOSS
 S.G.R. - SOAP AND GRAB BAR COMBINATION ON
 (RECESSED)
 S.G.S. - SOAP AND GRAB BAR COMBINATION (SURFACE)
 S.H. - SOAP HOLDER
 SH. - SHEET
 SHV. - SHELF, SHELVES
 SIM. - SIMILAR
 S.N.D. - SANITARY NAPKIN DISPENSER
 S.N.T.D. - SANITARY NAPKIN & TAMPON DISPOSER
 SP. - SPACES
 SPEC. (S) - SPECIFICATIONS
 SQ. - SQUARE
 S.S. - SANITARY SEWER, STAINLESS STEEL
 STA. - STATION
 STC - SOUND TRANSMISSION CLASS
 STL. - STEEL
 STOR., ST. - STORAGE
 STD. - STANDARD
 STRUCT. - STRUCTURAL - STRUCT'L
 STS. - STORM SEWER
 SUS., SUSP. - SUSPENDED
 SYM. - SYMBOL
 SYS. - SYSTEM
 SHT. - SHEET
 SSMR - STANDING SEAM METAL ROOF
 T. - TILE, TOP, TANGENT, TREAD, TOILET, TELEPHONE
 T & B - TOP AND BOTTOM
 T & G - TONGUE AND GROOVE
 T.B. - TOWEL BAR
 T.C. - TOP OF CURB
 T.D. - TILE DRAIN
 TEL. - TELEPHONE
 TEMP. - TEMPERATURE, TEMPORARY, TEMPERED
 THK. - THICK
 THRSLD. - THRESHOLD
 T.O.B. - TOP OF BEAM
 T.O.M. - TOP OF MASONRY
 T.O.S. - TOP OF STEEL
 T.S. - TOP OF STEEL, TOP OF STONE
 T.T.D. - TOILET TISSUE DISPENSER
 T.V.B. - TELEVISION BRACKET
 T.W. - TOP OF WALL
 TYP. - TYPICAL
 U.G. - UNDERGROUND
 UGT - UNDERGROUND TELEPHONE
 U.H. - UNIT HEATER
 U.N.O. - UNLESS NOTED OTHERWISE
 V. - VENT
 V.C.T. - VINYL COMPOSITION TILE
 VENT. - VENTILATING
 VERT. - VERTICAL (LY)
 VEST. - VESTIBULE
 V.T.R. - VENT THROUGH ROOF
 V.W.C. - VINYL WALL COVERING
 W/ - WITH
 W/O - WITHOUT
 W. - WIDTH, WATER
 WAINS. - WAINSCOT
 W.C. - WATER CLOSET
 W.D. - WOOD DOOR, WINDOW DIMENSION, WOOD
 W.I.F.S. - WALL INSUL. & FINISH SYSTEM (S)
 WDW. - WINDOW
 W.G. - WIRE GLASS
 W.P. - WATERPROOF, WEATHERPROOF
 WT. - WEIGHT
 WTR. - WATER
 W.W.F. - WELDED WIRE FABRIC
 W.M.P. - WIRE MESH PARTITION

GENERAL NOTES

- EACH TRADE IS ADVISED THAT INFORMATION PERTINENT TO ITS WORK MAY OCCUR IN VARIOUS SECTIONS OF THE CONTRACT DOCUMENTS. REFER TO EVERY SHEET OF DRAWINGS FOR NOTES, ABBREVIATIONS AND SYMBOLS. NOTES SHALL BE REVIEWED AND APPLIED TO RELATED BUILDING COMPONENTS REGARDLESS OF THEIR LOCATIONS IN THE DRAWINGS AND SPECIFICATIONS.
- UNLESS NOTED OTHERWISE, ANY NOTE, DETAILS, OR FEATURE INDICATED FOR ONE CONDITION SHALL BE APPLICABLE FOR ALL ALIKE AND SIMILAR CONDITIONS.
- THE CONTRACTOR SHALL FURNISH AND INSTALL ALL STIFFENERS, BRACING, BACKING PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE PROPER INSTALLATION OF ALL BUILDING COMPONENTS AS RECOMMENDED BY THE MANUFACTURER AND REQUIRED BY CODE.
- ALL DISSIMILAR METALS SHALL BE EFFECTIVELY ISOLATED FROM EACH OTHER TO AVOID MOLECULAR BREAKDOWN.
- ALL EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALLS AND FOUNDATION, BETWEEN WALLS AND ROOF, BETWEEN WALL PANELS, AT PENETRATION OF UTILITIES THROUGH THE ENVELOPE, SHALL BE SEALED OR WEATHER-STRIPPED TO PREVENT AIR AND MOISTURE LEAKAGE AND INFILTRATION.
- INTERIOR PARTITIONS ARE DIMENSIONED TO FACE OF STUD, UNLESS NOTED OTHERWISE. DO NOT SCALE DRAWINGS. QUESTIONS REGARDING DIMENSIONS SHALL BE REPORTED TO ARCHITECT.

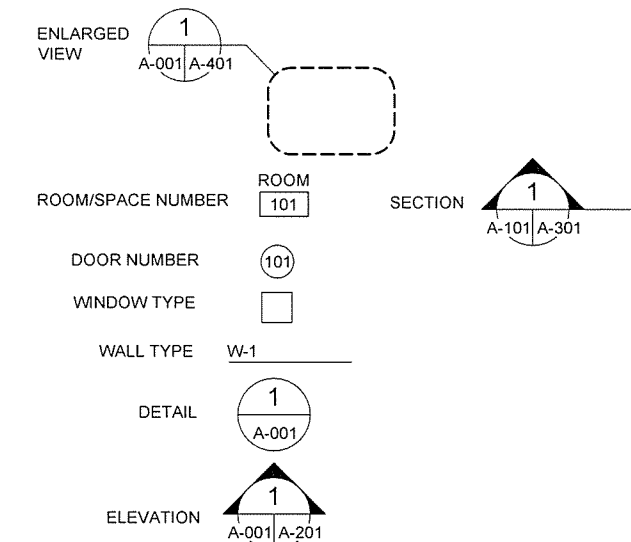
DRAFTING SYMBOLS



MATERIAL LEGEND

- COMPACTED FILL
- EARTH (EXISTING GRADE)
- STONE, RUBBLE, GRAVEL
- CONCRETE
- BRICK
- CONCRETE MASONRY UNIT
- THERMAL INSULATION
- ACOUSTICAL MATERIAL
- BATT INSULATION
- RIGID INSULATION
- SAND
- WOOD (FINISH)
- METAL
- WOOD (DIMENSIONED LUMBER AND BLOCKING)
- PLASTER, CEMENT AND GROUT
- PLYWOOD
- FIRE RATED GYPSUM BOARD CEILING

REFERENCE SYMBOLS



4701 Northshore Drive
N Little Rock, AR 72118
501-376-3633
www.GarverUSA.com



JRR
Aspr
Date
10/1/15

ISSUED FOR CONSTRUCTION
Description
Symbol
IFC

Job Number: 000497
Submitted by: John T. Williams, III, P.E., SE Director, Federal Services
N/A
N/A
N/A
Plot Date: 10/1/15
Plot Scale: 1:1
Drawn by: J. RAMSEY
Checked by: G. ARCHER
File Name: AH15BP-A-001.DWG
Drwg Code:

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 000497
GENERAL NOTES & LEGEND

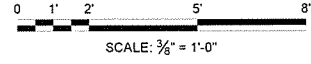
Sheet Reference Number:
A-001
Sheet 29 of 105



AHTD TOURIST INFORMATION CENTER ROOM FINISH SCHEDULE																		
RM NO.	ROOM NAME	FLOOR		BASE		WALL (NORTH)		WALL (EAST)		WALL (SOUTH)		WALL (WEST)		CEILING		REMARKS (SEE NOTES BELOW)		
		MAT		MAT		MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN	MAT	FIN		HEIGHT	
TOURIST INFORMATION CENTER																		
101	LOBBY	T1		T2		TILE	T2	TILE	T2	TILE	T2	STORE FRONT	N/A	TILE	T2	GYP BD PT5	18'-0" (+)	
102	VENDING	T1		T2		TILE	T2	TILE	T2	TILE	T2	TILE	T2	TILE	T2	GYP BD PT5	18'-0" (+)	
103	CHASE	CONC/CS1	NONE	CMU	EXPOSED	CMU	EXPOSED	CMU	EXPOSED	CMU	EXPOSED	CMU	EXPOSED	CMU	EXPOSED	EXPOSED	NONE	N/A
104	WOMEN	CONC	ECS3	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	GYP BD ECS4	9'-1 7/8"	VARIES AT VAULTED CLG
105	CHASE	CONC/CS1	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	EXPOSED	NONE	N/A
106	MEN	ECS3	ECS3	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	GYP BD ECS4	9'-1 7/8"	VARIES AT VAULTED CLG
107	CHASE	CONC/CS1	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	EXPOSED	NONE	N/A
108	CORRIDOR	T1	N/A	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	GYP BD PT4	9'-1 7/8"	
109	CORRIDOR	T1	N/A	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	GYP BD PT4	9'-1 7/8"	
110	CHASE	CONC/CS1	NONE	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	CMU	WV1	EXPOSED	NONE	N/A
111	MEN	ECS3	ECS3	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	GYP BD ECS4	9'-1 7/8"	VARIES AT VAULTED CLG
112	CHASE	CONC/CS1	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	EXPOSED	NONE	N/A
113	COMM	CONC	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	GYP BD PT4	9'-1 7/8"	
114	WOMEN	ECS3	ECS3	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	CMU	ECS1,ECS2	GYP BD ECS4	9'-1 7/8"	VARIES AT VAULTED CLG
115	CHASE	CONC/CS1	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	EXPOSED	NONE	N/A
MAINTENANCE BUILDING																		
201	MAINTENANCE	CONC/CS1	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	GYP BD PT4	9'-10 1/2"	
202	FLAM. STORAGE	CONC/CS1	NONE	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	CMU	PT1	GYP BD PT4	9'-10 1/2"	

AHTD TOURIST INFORMATION CENTER EXTERIOR MATERIAL FINISH AND COLOR LEGEND						
SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	MODEL NO. SIZE	MODEL NAME	COLOR	
EPT2	HM DOOR FRAME PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	RIPE OLIVE SW 6209	
SW1	MANUFACTURED STONE WAINSCOT	ARRISCRAFT	VARIES	OLD COUNTRY	SMOKEY MOUNTAIN	
SW2	MANUFACTURED STONE ACCENT CAP	ARRISCRAFT	6-1/2"x4-5/8" - SEE DETAIL 2/A-006	OLD COUNTRY	GRAY	
GL1	GLAZING	PPG	N/A	SOLARBAN 60	SOLARGRAY	
GL2	GLAZING-OBSCURE	PPG	N/A	SOLARBAN 60	SOLARGRAY	
MOR1	MORTAR FOR STONE WAINSCOT/WALL	LAFARGE	GRAY	TYPE N PORTLAND	NATURAL GRAY	
OHD1	OVERHEAD SECTIONAL DOOR	OVERHEAD DOOR	SERIES 418	SERIES 418 FLUSH	WHITE	
MT1	METAL TRIM. FASCIA	BERRIDGE	N/A	N/A	HARTFORD GREEN	
MT2	METAL TRIM. PANEL	CENTRIA	IV-10A	FLUOROFINISH (PVDF)	133 SANDSTONE	
MS1	METAL SIDING	BERRIDGE	12" PANEL, 24 GA.	HS-12	PARCHMENT	
RP1	ROOF PANEL	BERRIDGE	16" PANEL, 24 GA.	DOUBLE ZEE-LOCK	HARTFORD GREEN	
SF1	ALUMINUM STOREFRONT	EFCO	8" X 2-1/2"	5600 SERIES	CLEAR ANODIZED	
SP1	METAL SOFFIT PANEL- PERFORATED	BERRIDGE	12" PANEL, 24 GA	FW-12- VENTED	HARTFORD GREEN	
VG1	VENDING GATE	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	URBAN BRONZE 7048	
WD1	ALUMINUM WINDOWS	EFCO	5" x 2-1/2"	5600 SERIES	CLEAR ANODIZED	
* OR APPROVED EQUAL						

AHTD TOURIST INFORMATION CENTER MATERIAL FINISH AND COLOR LEGEND						
SYMBOL	MATERIAL	BASIS OF DESIGN MANUFACTURER	MODEL NO. SIZE	MODEL NAME	COLOR	
ECS1	COATING SYSTEM-WALL	NOTE 1.	NOTE 1.	NOTE 1.	NOTE 1.	
ECS2	COATING SYSTEM-WALL	NOTE 1.	NOTE 1.	NOTE 1.	NOTE 1.	
ECS3	COATING SYSTEM-FLOOR	NOTE 1.	NOTE 1.	NOTE 1.	NOTE 1.	
ECS4	COATING SYSTEM-CEILING	NOTE 1.	NOTE 1.	NOTE 1.	NOTE 1.	
G1	FLOOR GROUT	CUSTOM BUILDING PROD	N/A	FUSION	TRUFFLE #540	
G2	WALL GROUT	CUSTOM BUILDING PROD	N/A	FUSION	DRIFTWOOD #543	
PT1	WALL PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	DORIAN GRAY SW 7019	
PT2	HM DOOR PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	GAUNTLET GRAY SW 7019	
PT3	HM FRAME PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	URBAN BRONZE SW 7048	
PT4	CEILING PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	ROCK CANDY SW 6231	
PT5	CEILING PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	URBAN BRONZE SW 7048	
PT6	METAL DOOR & FRAME PAINT	SHERWIN WILLIAMS	N/A	PRO INDUSTRIAL ACRYLIC	URBAN BRONZE SW 7048	
T1	FLOOR TILE	DALTILE	8" x 48"	IMAGICA	MIDNIGHT IG98	
T2	FLOOR TILE	DALTILE	4" x 48"	IMAGICA	MIDNIGHT IG98	
T3	WALL TILE	DALTILE	12" x 24"	EXHIBITION	STARK WHITE EX01	
T4	WALL TILE	DALTILE	12" x 24"	EXHIBITION	MODE BEIGE EX06	
T5	WALL TILE	DALTILE	12" x 24"	EXHIBITION	TAILOR BEIGE EX07	
TP1	TOILET PARTITION DOOR	SCRANTON	HDPE	HINY HIDERS	SHALE	
TS1	TRANSITION STRIP	SCHLUETER	N/A	SCHIENE	CLEAR ANODIZED	
TS2	TRANSITION STRIP	SCHLUETER	N/A	RENO-U	CLEAR ANODIZED	
WV1	WALL VINYL	NOTE 2.	NOTE 2.	NOTE 2.	NOTE 2.	
*OR APPROVED EQUAL						
MATERIAL AND FINISH COLOR LEGEND NOTES:						
1.) FLOOR, WALL AND CEILING COATING SYSTEM, SEE ALLOWANCE NO. 3, SECTION 012100 ALLOWANCES						
2.) WALL VINYL, SEE ALLOWANCE NO. 1; SECTION 012100 - ALLOWANCES						



JRR
Apr
10/1/15
Date

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Description
IFC
Symbol

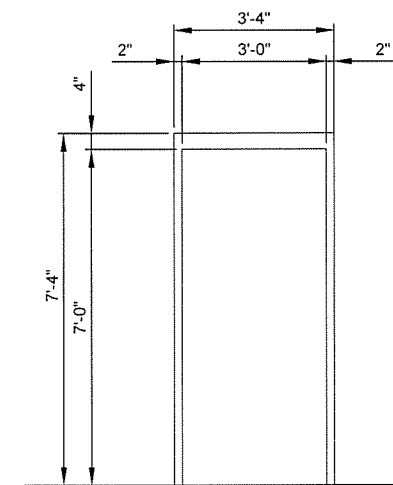
Job Number
080497
Submitted by
PE, SE
J. RAMSEY
Director, Federal Services
Plot Date
10/1/15
Plot Scale
1:1
Dwg Code
N/A
Checked by
G. ARCHER
File Name
AHTSPR-A-002.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
FINISH SCHEDULE & MATERIAL LEGENDS

Sheet
Reference
Number:
A-002
Sheet 30 of 105

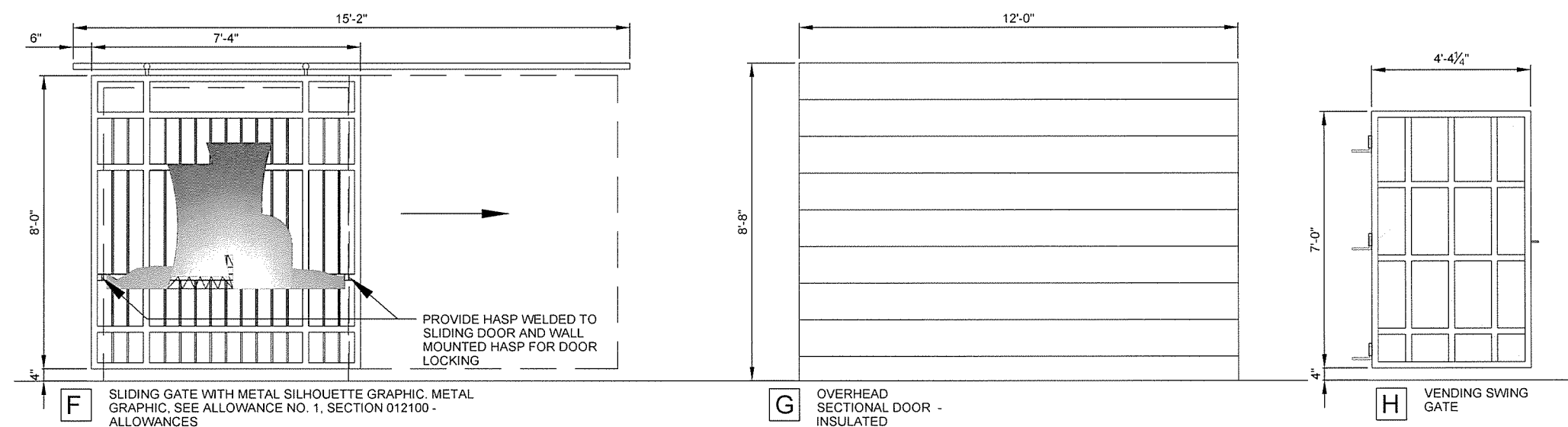
AHTD TOURIST INFORMATION CENTER - BIG PINEY - DOOR AND FRAME SCHEDULE

DR NO.	ROOM NAME	RM NO.	SIZE	DR TYPE	DOOR		FRAME		DETAILS			STC	ATFP	FIRE LABEL	UNDE RCUT	EXIT HDW	HDW SET	REMARKS	
					MAT	FIN	TYPE	MAT	FIN	HEAD	JAMB								SILL
TOURIST INFORMATION CENTER																			
101A	LOBBY	101	6'0" x 8'0"	A	ALUM	SF1	A	ALUM	SF1	2/A-005	3/A-005	4/A-005	N/A	N/A	N/A	N/A	N/A	1	
101B	LOBBY	101	7'4" x 8'0"	F	MTL	PT6	E	MTL	PT6	11/A-005	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	SLIDING GATE. SEE DOOR NOTE #1
101C	LOBBY	101	7'4" x 8'0"	F	MTL	PT6	E	MTL	PT6	11/A-005	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	SLIDING GATE. SEE DOOR NOTE #1
102A	VENDING	102	3'0" x 7'0"	B	ALUM	SF1	B	ALUM	SF1	6/A-007	5/A-007	8/A-007	N/A	N/A	N/A	N/A	N/A	2	
102B	VENDING	102	4'4-1/4" x 7'0"	H	MTL	PT6	N/A	MTL	PT6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	SWING GATE. SEE DOOR NOTE #2
102C	VENDING	102	4'4-1/4" x 7'0"	H	MTL	PT6	N/A	MTL	PT6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5	SWING GATE. SEE DOOR NOTE #2
103	CHASE	103	3'0" x 7'0"	C	HM	CUSTOM	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
105	CHASE	105	3'0" x 7'0"	C	HM	CUSTOM	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
107	CHASE	107	3'0" x 7'0"	C	HM	CUSTOM	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
110	CHASE	110	3'0" x 7'0"	C	HM	CUSTOM	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
112	CHASE	112	3'0" x 7'0"	C	HM	CUSTOM	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
113	COMMUNICATIONS	113	3'0" x 7'0"	C	HM	PT2	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
115	CHASE	115	3'0" x 7'0"	C	HM	CUSTOM	1	HM	PT3	1/A-005	2/A-005	3/A-005	N/A	N/A	N/A	N/A	N/A	4	
DOOR NOTES:																			
1.) SEE SHEETS A-005 FOR SLIDING GATE DETAILS																			
2.) SEE SHEETS A-501 AND A-502 FOR SWING GATE DETAILS																			
MAINTENANCE BUILDING																			
201A	MAINTENANCE	201	3'0" x 7'0"	D	HM	EPT1	1	HM	EPT2	8/A-005	9/A-005	10/A-005	N/A	N/A	N/A	N/A	N/A	6	
201B	MAINTENANCE	201	12'0" x 8'6"	G	MTL	WHITE	N/A	MTL	EPT2	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3	
202	FLAMABLE STORAGE	202	3'0" x 7'0"	E	HM	EPT1	1	HM	EPT2	8/A-005	9/A-005	10/A-005	N/A	N/A	N/A	N/A	N/A	7	14" SQUARE LOUVERS



1 HOLLOW METAL FRAME - 4" HEAD

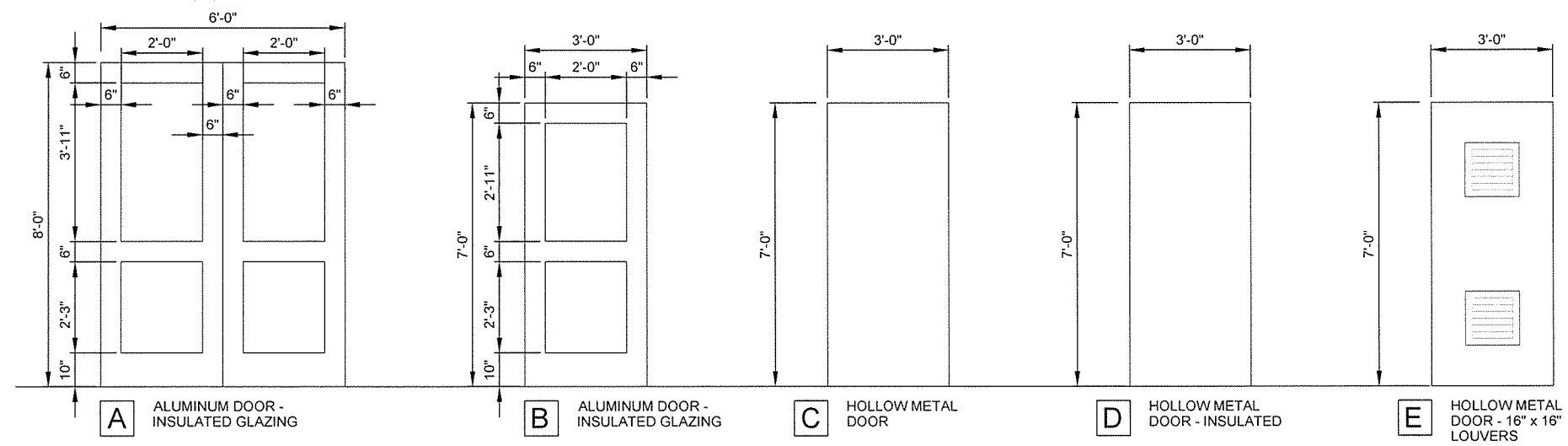
2 DOOR FRAME ELEVATIONS
SCALE: 1/2" = 1'-0"



F SLIDING GATE WITH METAL SILHOUETTE GRAPHIC. METAL GRAPHIC. SEE ALLOWANCE NO. 1, SECTION 012100 - ALLOWANCES

G OVERHEAD SECTIONAL DOOR - INSULATED

H VENDING SWING GATE



A ALUMINUM DOOR - INSULATED GLAZING

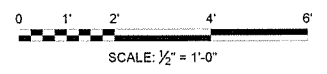
B ALUMINUM DOOR - INSULATED GLAZING


C HOLLOW METAL DOOR

D HOLLOW METAL DOOR - INSULATED


E HOLLOW METAL DOOR - 16" x 16" LOUVERS

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






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Greg A. Archer
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STATE OF ARKANSAS

<p>Submitted by: John T. Watkins, III, PE, SE Director, Federal Services</p> <p>Plot Date: 10/11/15</p> <p>Plot Scale: 1:1</p> <p>Drwg Code: N/A</p> <p>Job Number: 080497</p> <p>File Name: AHTSPR-A-003.DWG</p>	<p>Designed by: J. RAMSEY</p> <p>Drawn by: J. RAMSEY</p> <p>Checked by: G. ARCHER</p> <p>Issued for Construction: JRR</p> <p>Date: 10/11/15</p> <p>Scale: 1/2" = 1'-0"</p>
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ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

DOOR SCHEDULE & DOOR AND FRAME ELEVATIONS

Sheet Reference Number:
A-003

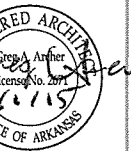
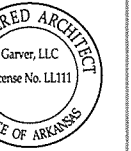
Sheet 31 of 105

KEYED NOTES

- 1 SAFETY GLASS-GL1
- 2 OBSCURE GLASS-GL2



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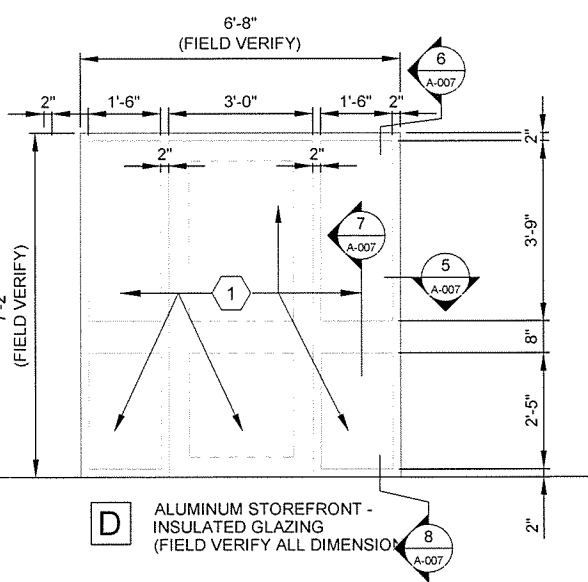
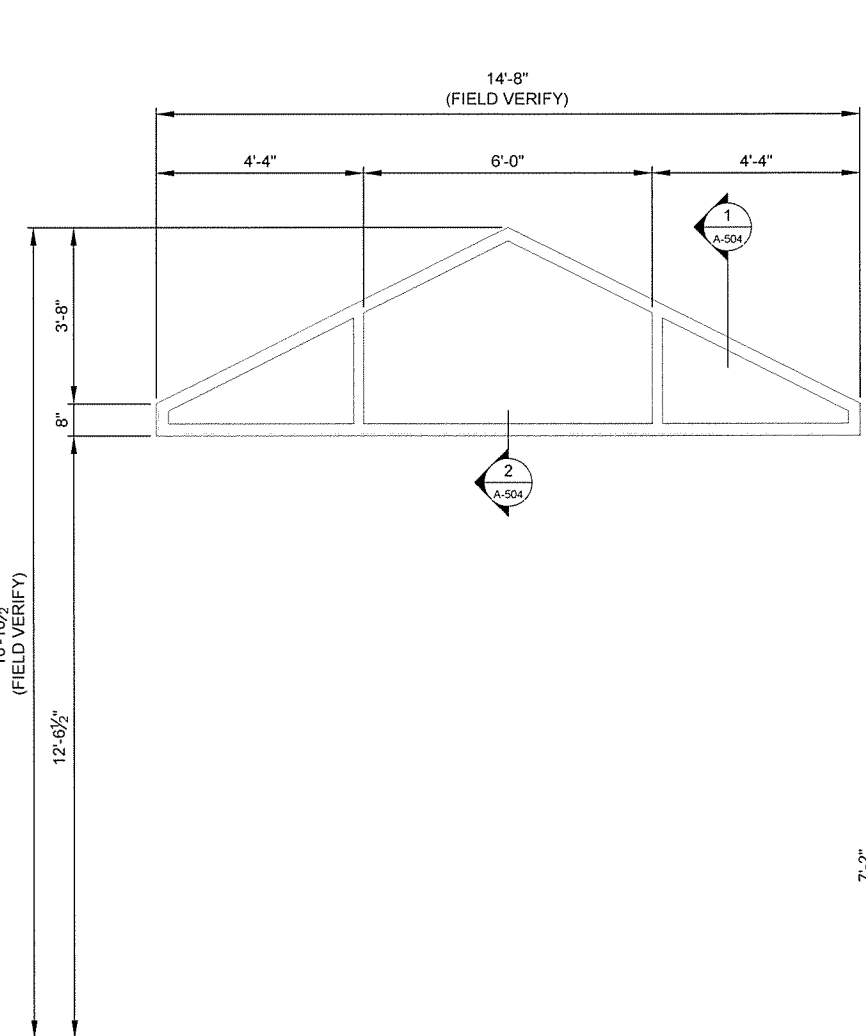
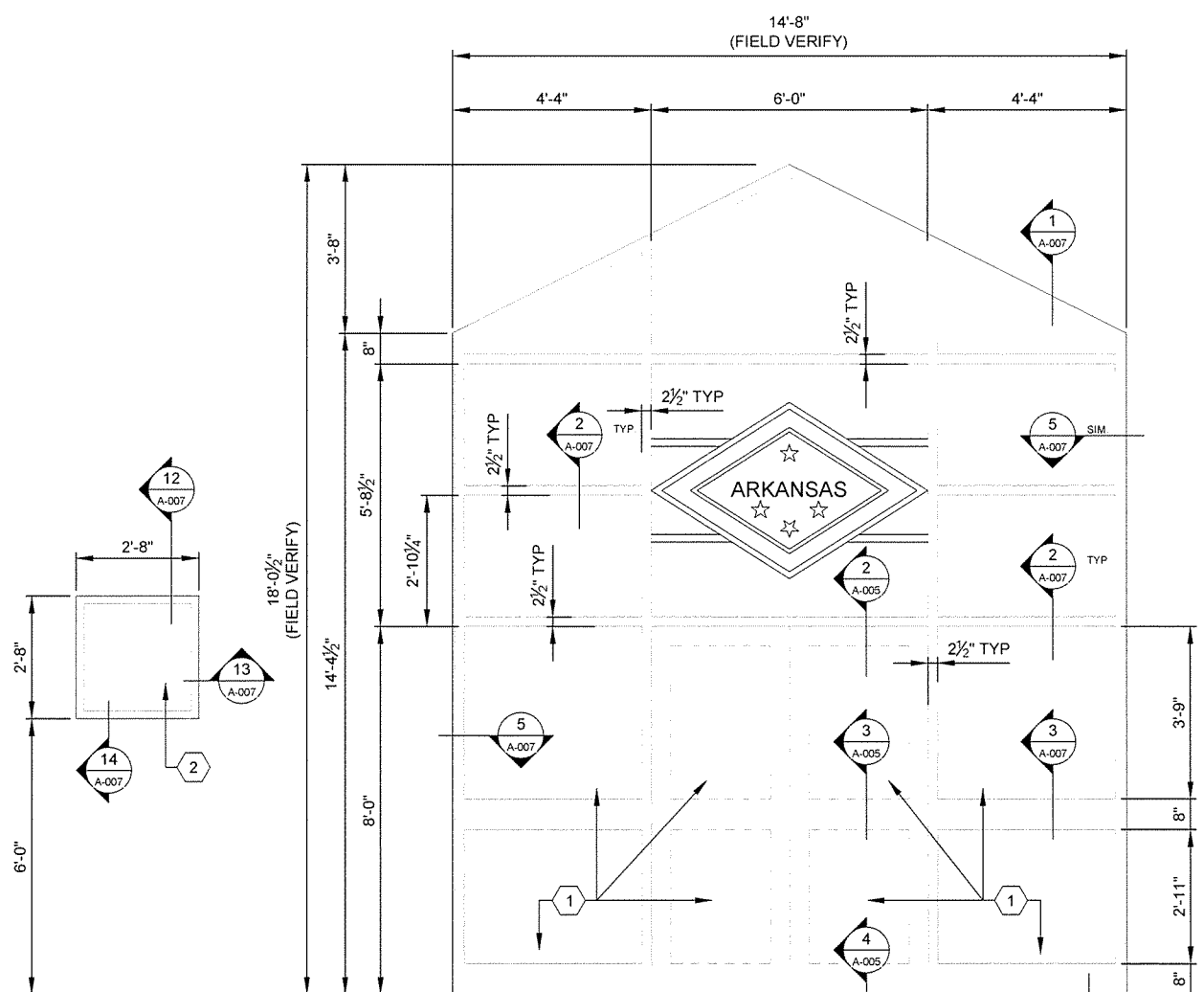
JRR
Date
10/1/15

ISSUED FOR CONSTRUCTION
Description
IFC
Symbol

Job Number
000497
Submitted by
John T. Watkins, III, PE, SE
Director, Federal Services
Prel. Date
10/1/15
Prel. Scale
1:1
Drawn by
J. RAMSEY
Checked by
G. ARCHER
File Name
AHSBP-A-004.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
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JOB 090497
WINDOW ELEVATIONS

Sheet Reference Number:
A-004
Sheet 32 of 105



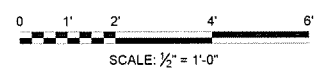
A ALUMINUM WINDOW - INSULATED GLAZING (FIELD VERIFY ALL DIMENSIONS)

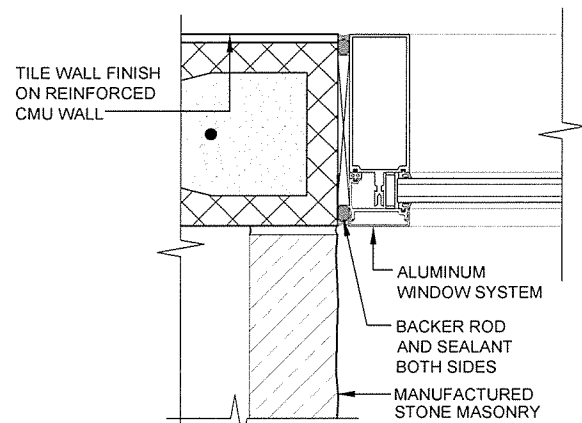
B ALUMINUM STOREFRONT WINDOW - INSULATED GLAZING - WITH "ARKANSAS LOGO" SURFACE MOUNTED TO FRAME. ARKANSAS LOGO, SEE ALLOWANCE NO.1, SECTION 012100 - ALLOWANCES (FIELD VERIFY ALL DIMENSIONS)

C ALUMINUM WINDOW - INSULATED GLAZING (FIELD VERIFY ALL DIMENSIONS)

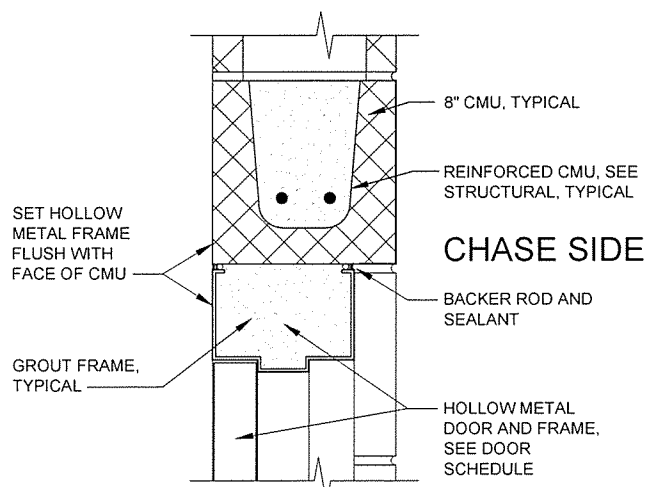
D ALUMINUM STOREFRONT - INSULATED GLAZING (FIELD VERIFY ALL DIMENSIONS)

1 WINDOW ELEVATIONS
A-004 SCALE: 1/2" = 1'-0"

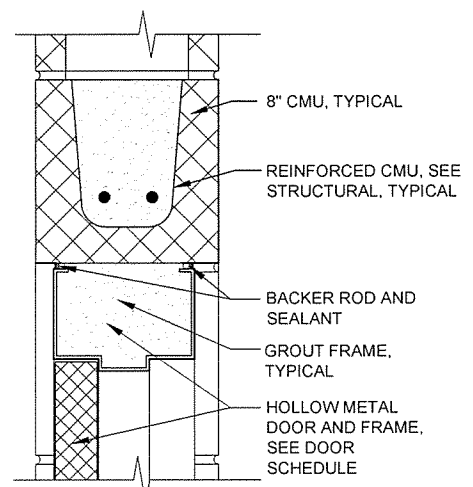




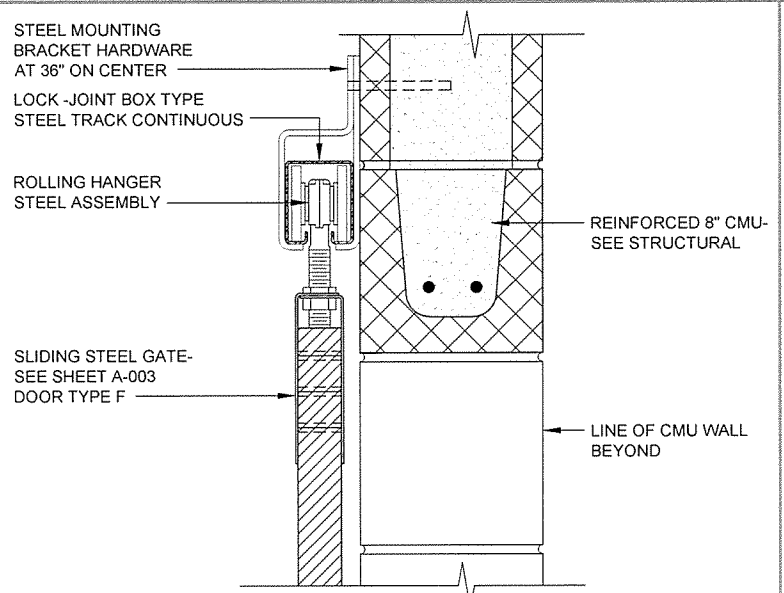
1 JAMB AT TALL STOREFRONT
A-005 SCALE: 3" = 1'-0"



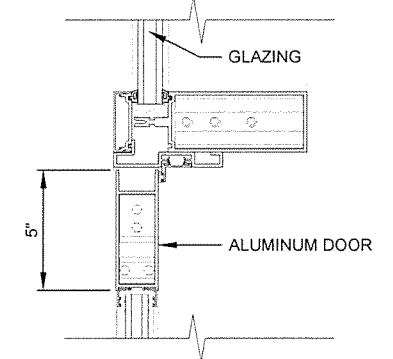
5 H.M. FLUSH DOOR HEAD
A-005 SCALE: 3" = 1'-0"



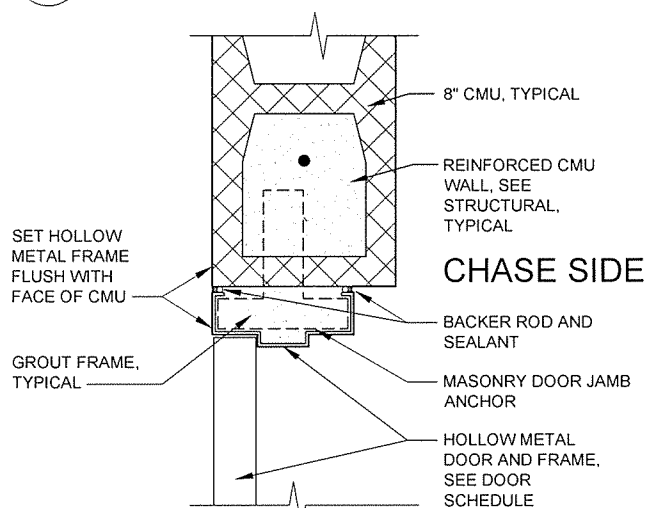
8 H.M. DOOR HEAD
A-005 SCALE: 3" = 1'-0"



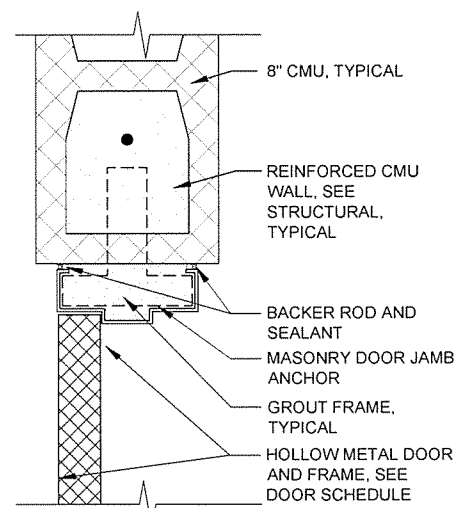
11 HEAD AT SLIDING INTERIOR GATE
A-005 SCALE: 3" = 1'-0"



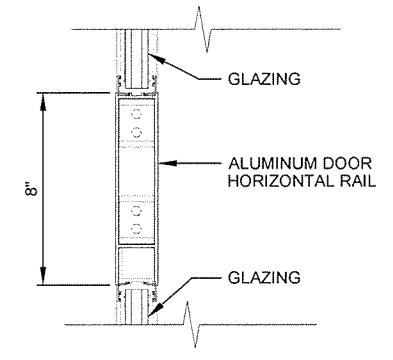
2 HEAD ALUM ST DOOR
A-005 SCALE: 3" = 1'-0"



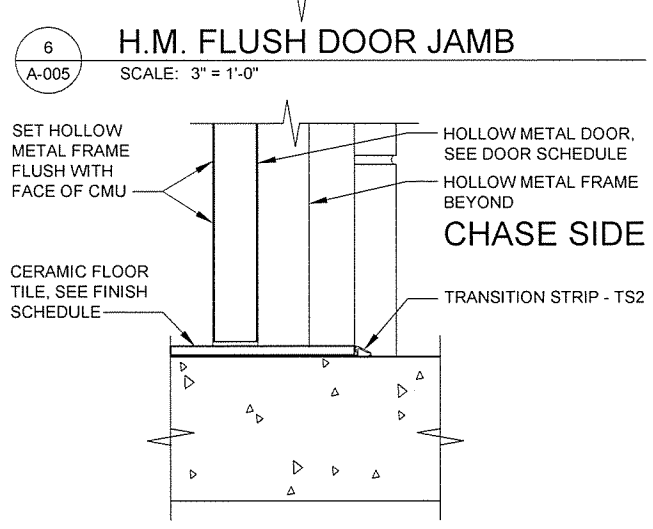
6 H.M. FLUSH DOOR JAMB
A-005 SCALE: 3" = 1'-0"



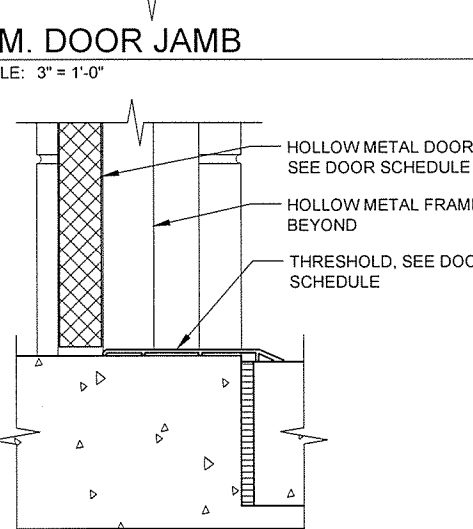
9 H.M. DOOR JAMB
A-005 SCALE: 3" = 1'-0"



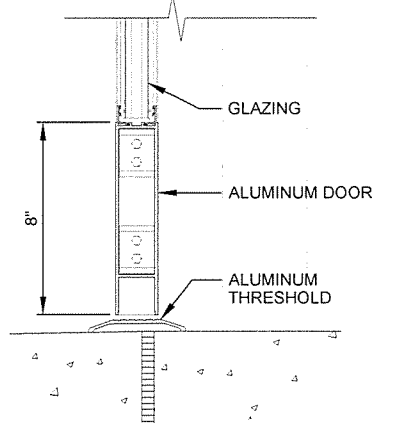
3 STOREFRONT DOOR HORIZONTAL
A-005 SCALE: 3" = 1'-0"



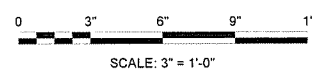
7 H.M. FLUSH DOOR THRESHOLD
A-005 SCALE: 3" = 1'-0"



10 H.M. DOOR THRESHOLD
A-005 SCALE: 3" = 1'-0"



4 SILL AT STOREFRONT DOOR
A-005 SCALE: 3" = 1'-0"



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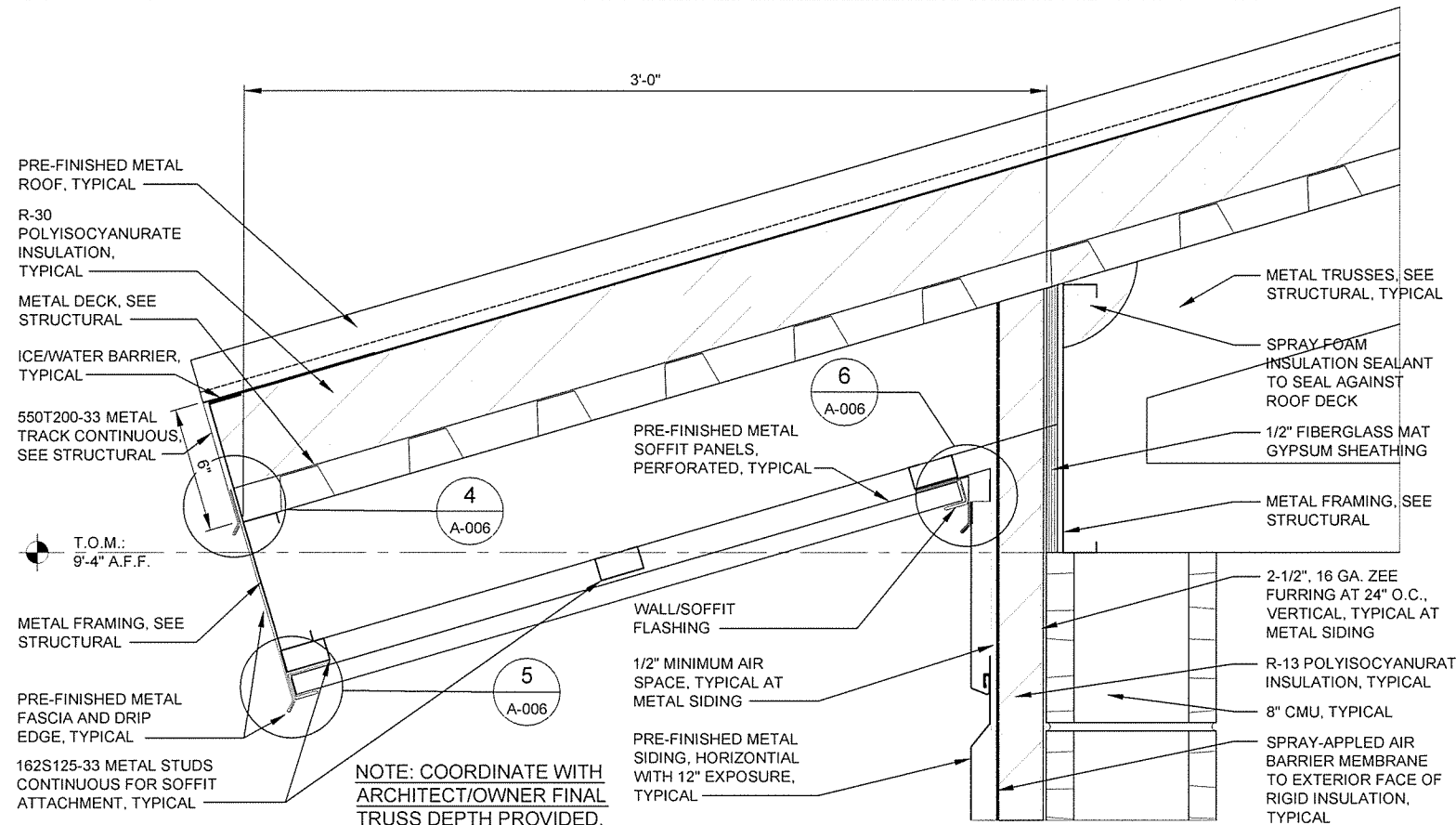
REGISTERED ARCHITECT
John T. Watkins, III
License No. 2671
STATE OF ARKANSAS

JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

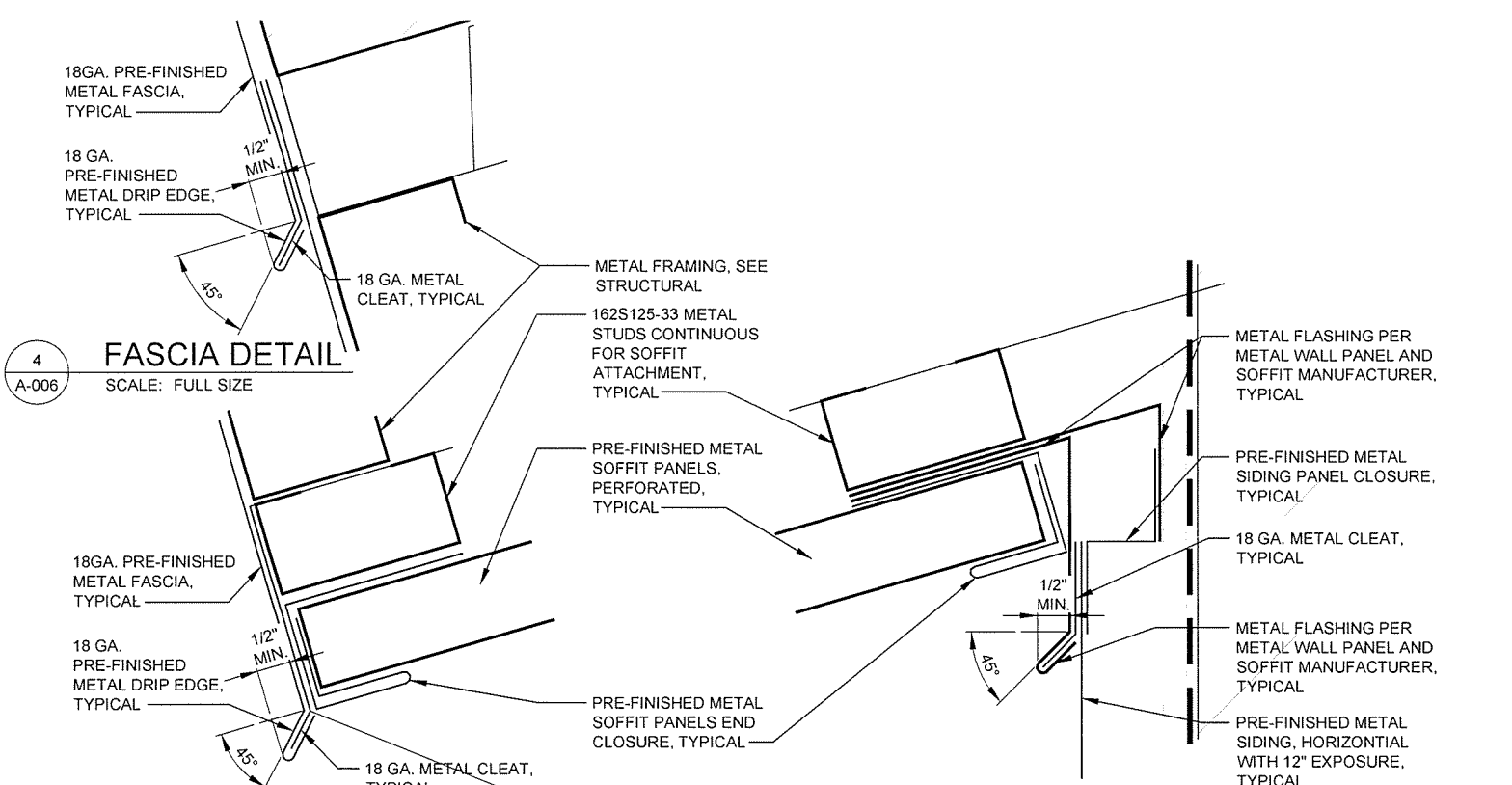
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Designed by J. RAMSEY	Checked by G. ARCHER	Job Scale N/A	Drwg Code N/A	Drwg Code N/A	Drwg Code N/A	Drwg Code N/A

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

DOOR DETAILS



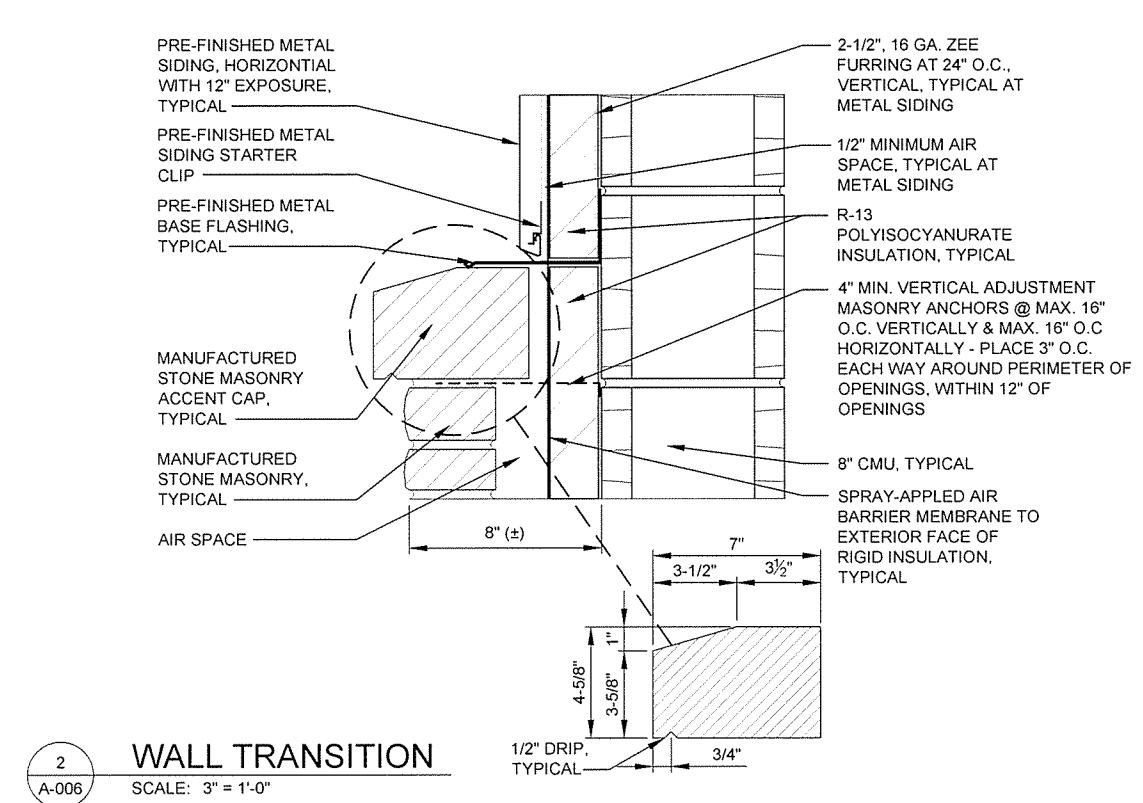
1 ROOF OVERHANG DETAIL
A-006 SCALE: 3" = 1'-0"



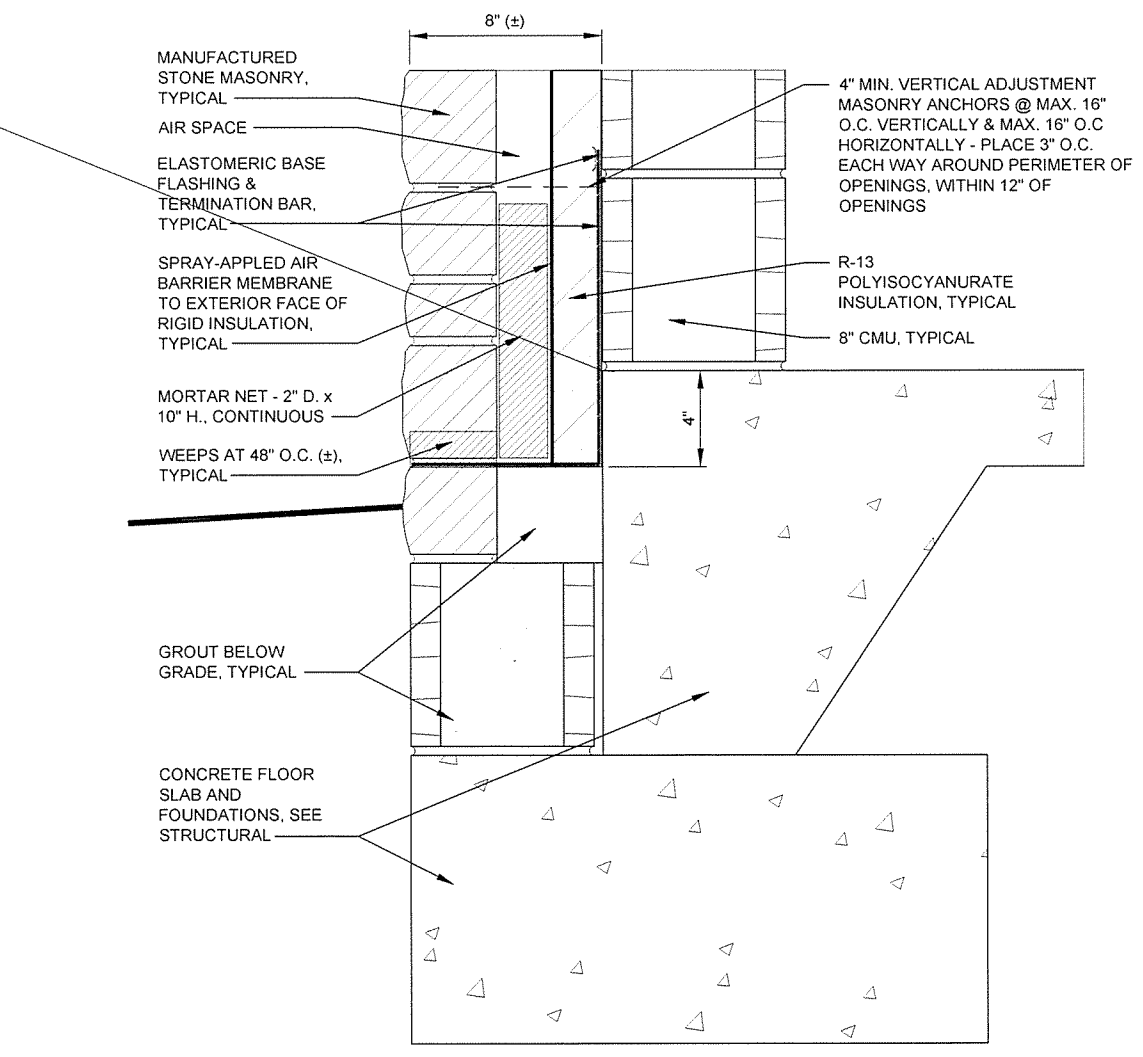
4 FASCIA DETAIL
A-006 SCALE: FULL SIZE

5 FASCIA DRIP
A-006 SCALE: FULL SIZE

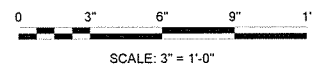
6 SOFFIT DETAIL
A-006 SCALE: FULL SIZE




2 WALL TRANSITION
A-006 SCALE: 3" = 1'-0"





3 WALL GRADE DETAIL
A-006 SCALE: 3" = 1'-0"





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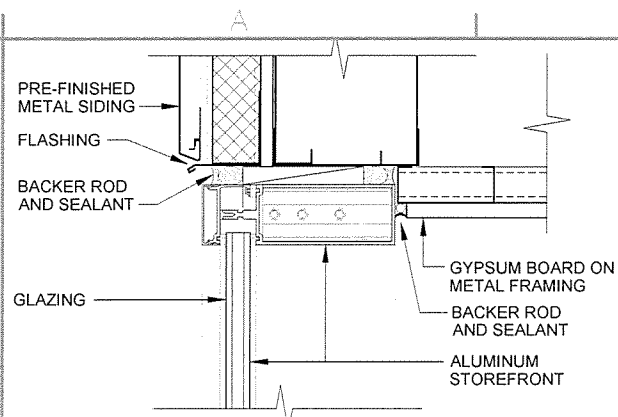
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ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

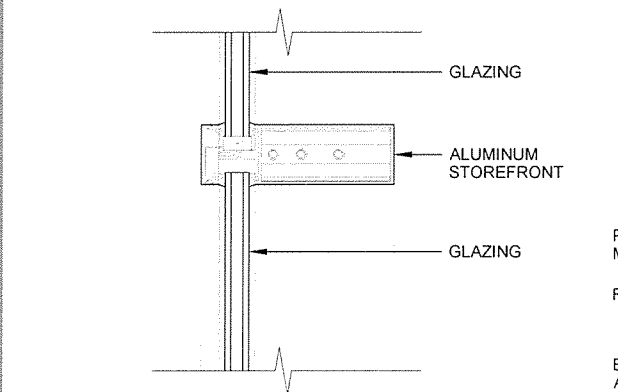
STANDARD WALL DETAILS

Sheet Reference Number:
A-006

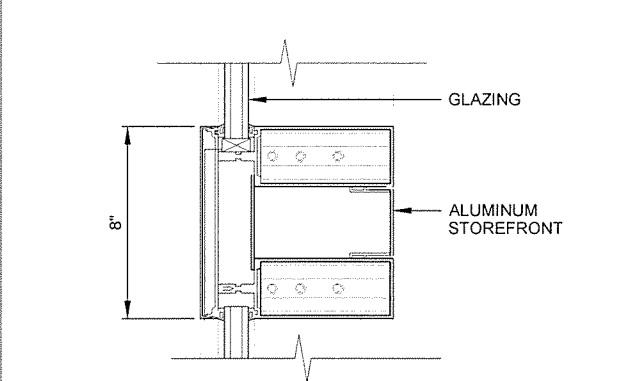
Sheet 34 of 105



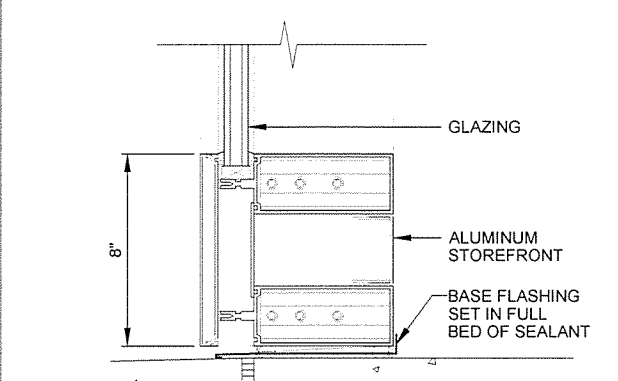
1 HEAD STOREFRONT
A-007 SCALE: 3" = 1'-0"



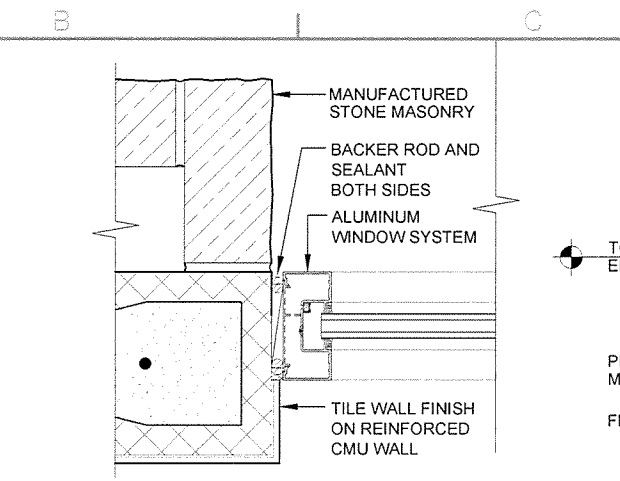
2 HORIZONTAL MULLION
A-007 SCALE: 3" = 1'-0"



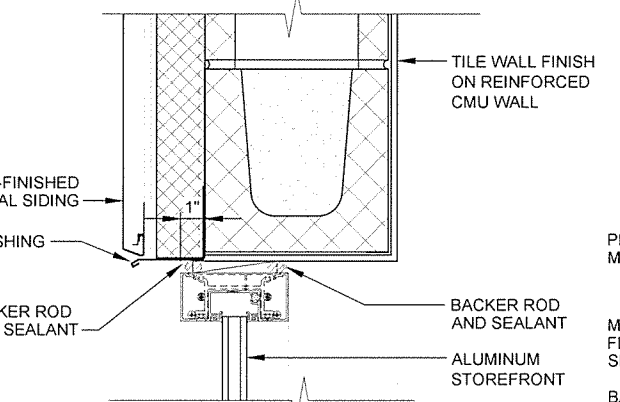
3 HORIZONTAL MULLION
A-007 SCALE: 3" = 1'-0"



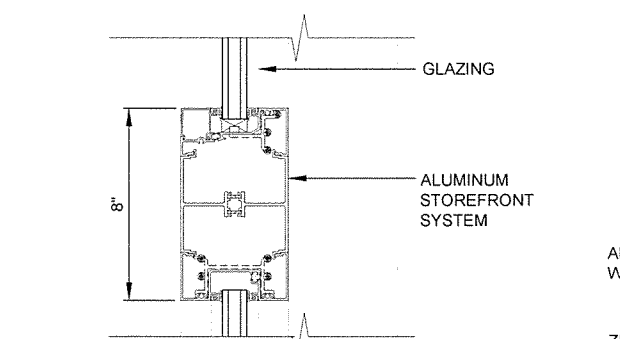
4 STOREFRONT WINDOW SILL
A-007 SCALE: 3" = 1'-0"



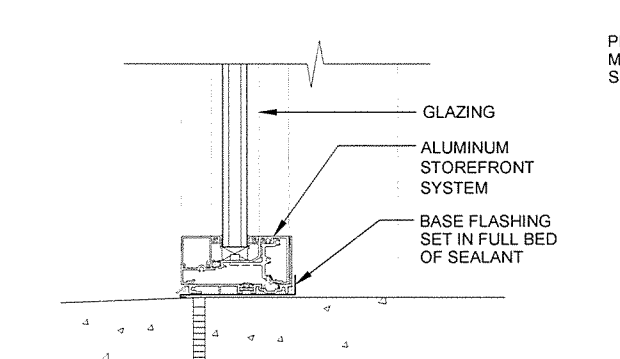
5 JAMB AT LOW STOREFRONT
A-007 SCALE: 3" = 1'-0"



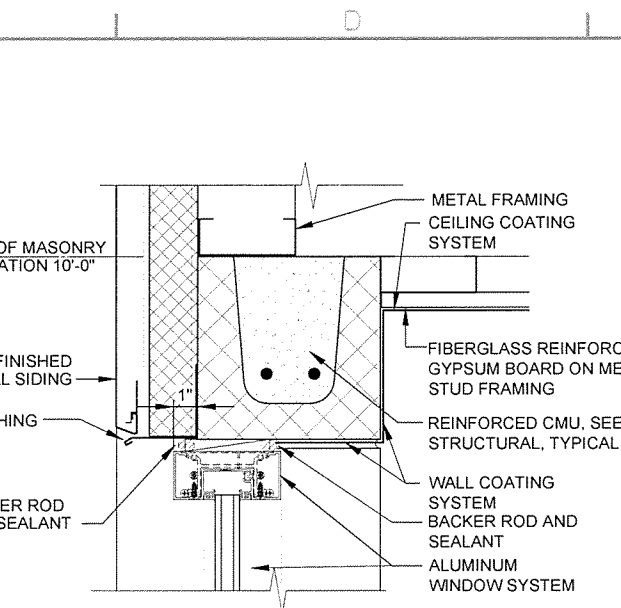
6 HEAD ALUM STOREFRONT
A-007 SCALE: 3" = 1'-0"



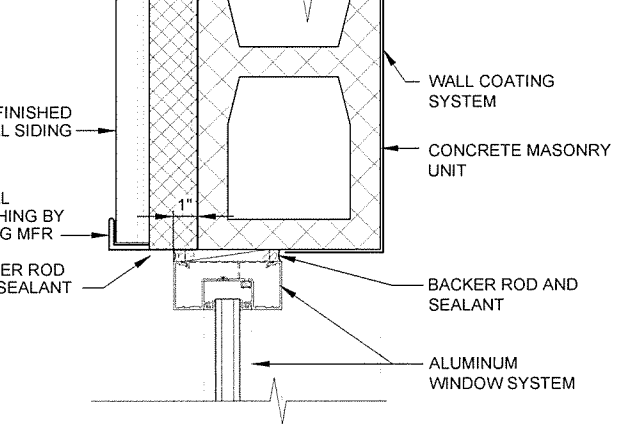
7 STOREFRONT HORIZONTAL
A-007 SCALE: 3" = 1'-0"



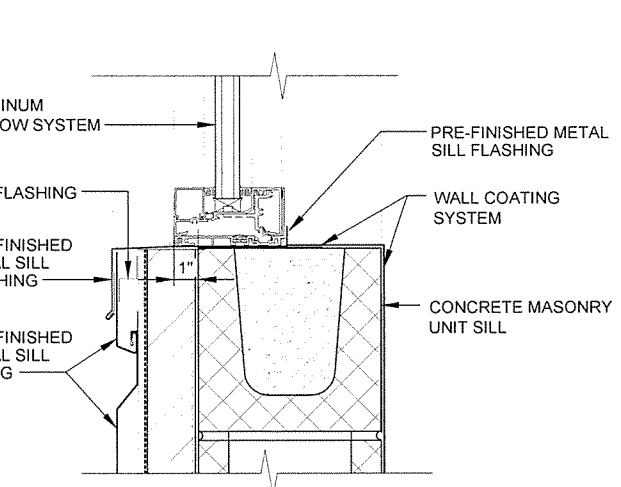
8 SILL AT LOW STOREFRONT
A-007 SCALE: 3" = 1'-0"



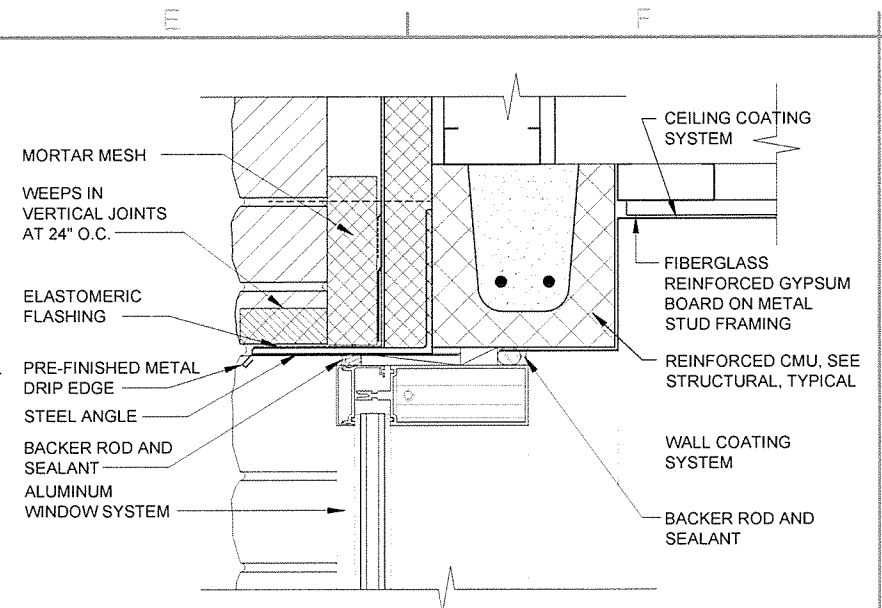
9 HEAD ALUM WINDOW
A-007 SCALE: 3" = 1'-0"



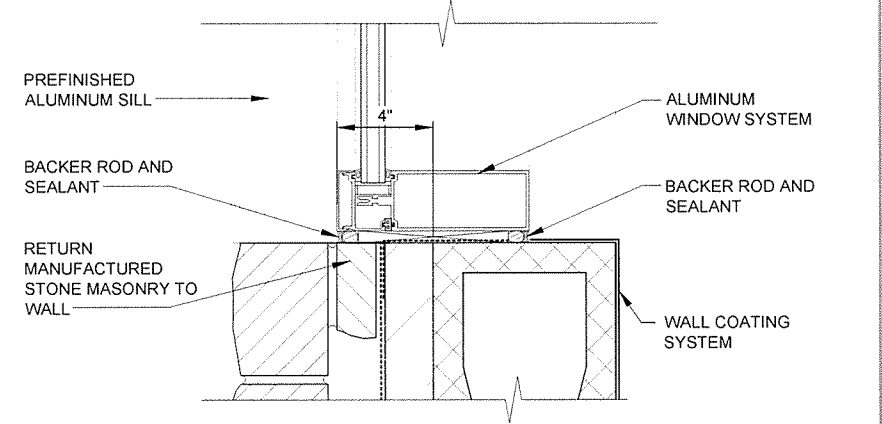
10 JAMB AT ALUM WINDOW
A-007 SCALE: 3" = 1'-0"



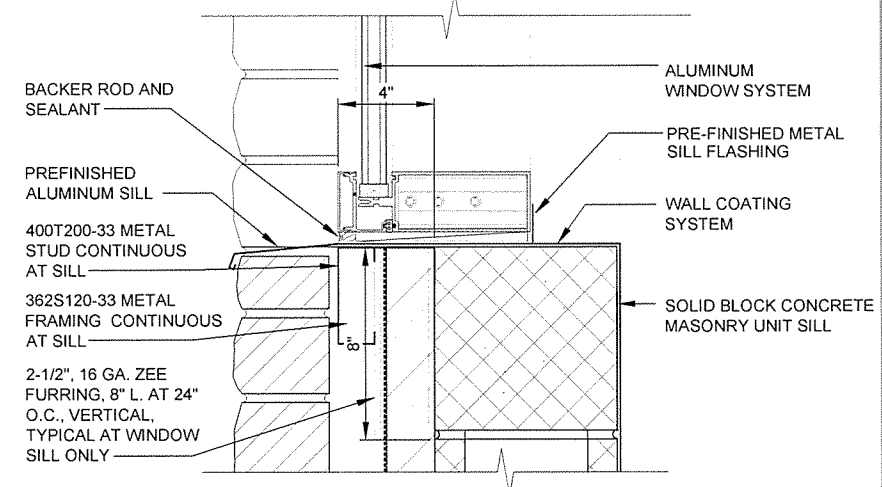
11 SILL ALUM WINDOW
A-007 SCALE: 3" = 1'-0"



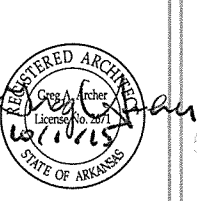
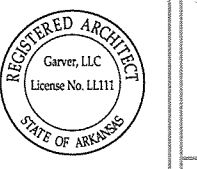
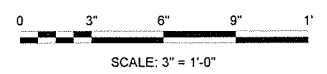
12 HEAD ALUM WINDOW
A-007 SCALE: 3" = 1'-0"



13 JAMB AT ALUM WINDOW
A-007 SCALE: 3" = 1'-0"



14 SILL ALUM WINDOW
A-007 SCALE: 3" = 1'-0"



JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IPC	Symbol

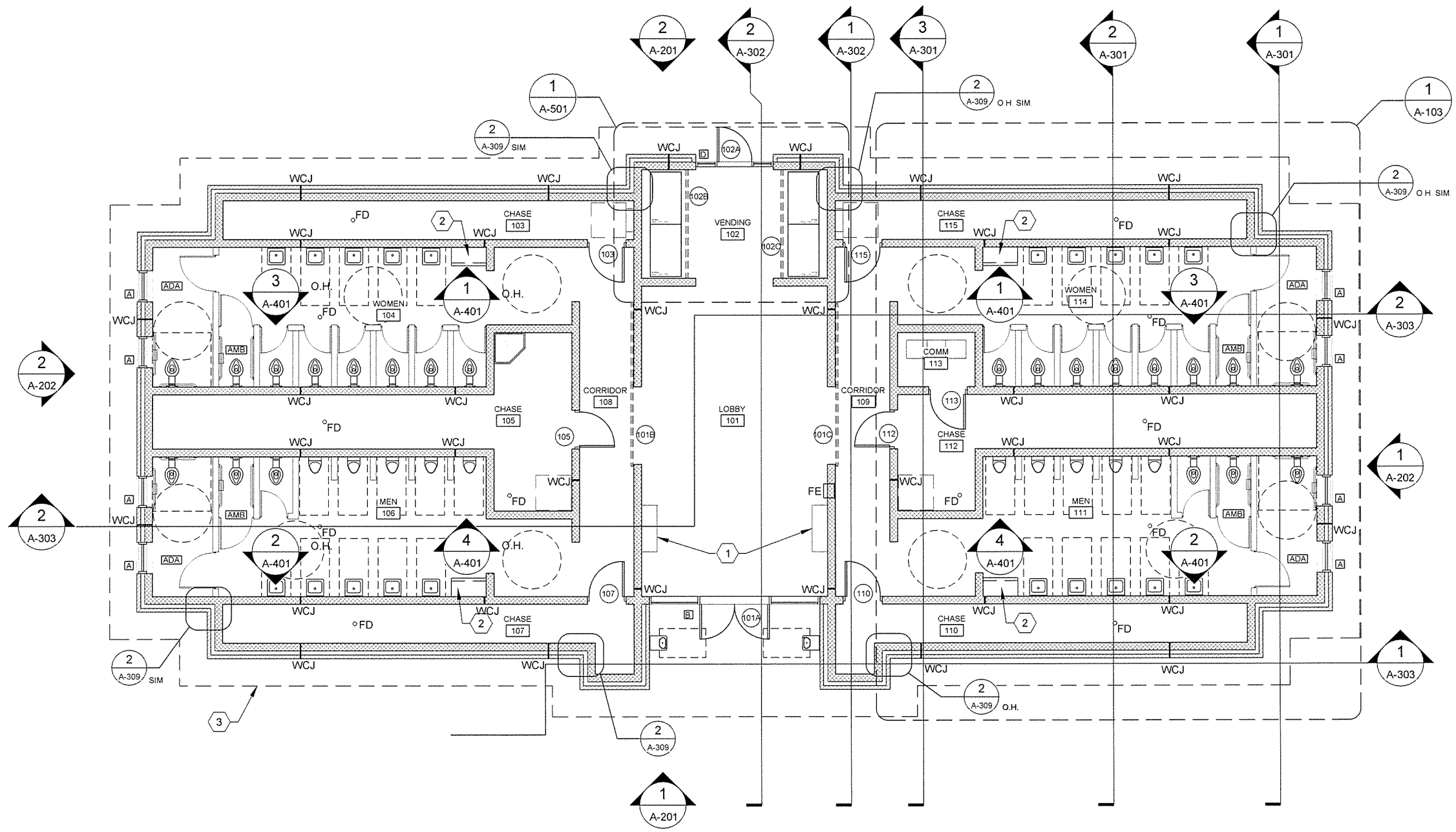
Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Watkins, III, PE, SE	Director, Federal Services	Plot Scale	1:1
Drawn by	J. DEMARNE	Checked by	G. ARCHER	File Name
10/1/15	10/1/15			AH15BP-A-007.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 WINDOW DETAILS

JRR	Appr.
Date	10/1/15
Description	ISSUED FOR CONSTRUCTION
Symbol	IFC

Job Number	080-097
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services
Drawn by	J. RAMSEY
Checked by	G. ARCHER
File Name	AHSPR-A-101.DWG
Plot Date	10/1/15
Plot Scale	1:1
Drug Code	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080487
 TOURIST INFORMATION CENTER
 FLOOR PLAN



FLOOR PLAN
 SCALE: 3/16" = 1'-0"
 PLAN NORTH

GENERAL NOTES

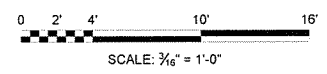
- SEE SHEET A-102 FOR DIMENSIONED FLOOR PLAN.
- SEE SHEET A-103 FOR ENLARGED TOILET AREA DIMENSIONED FLOOR PLAN
- SEE CIVIL SHEETS FOR ORIENTATION OF BUILDING ON SITE
- SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

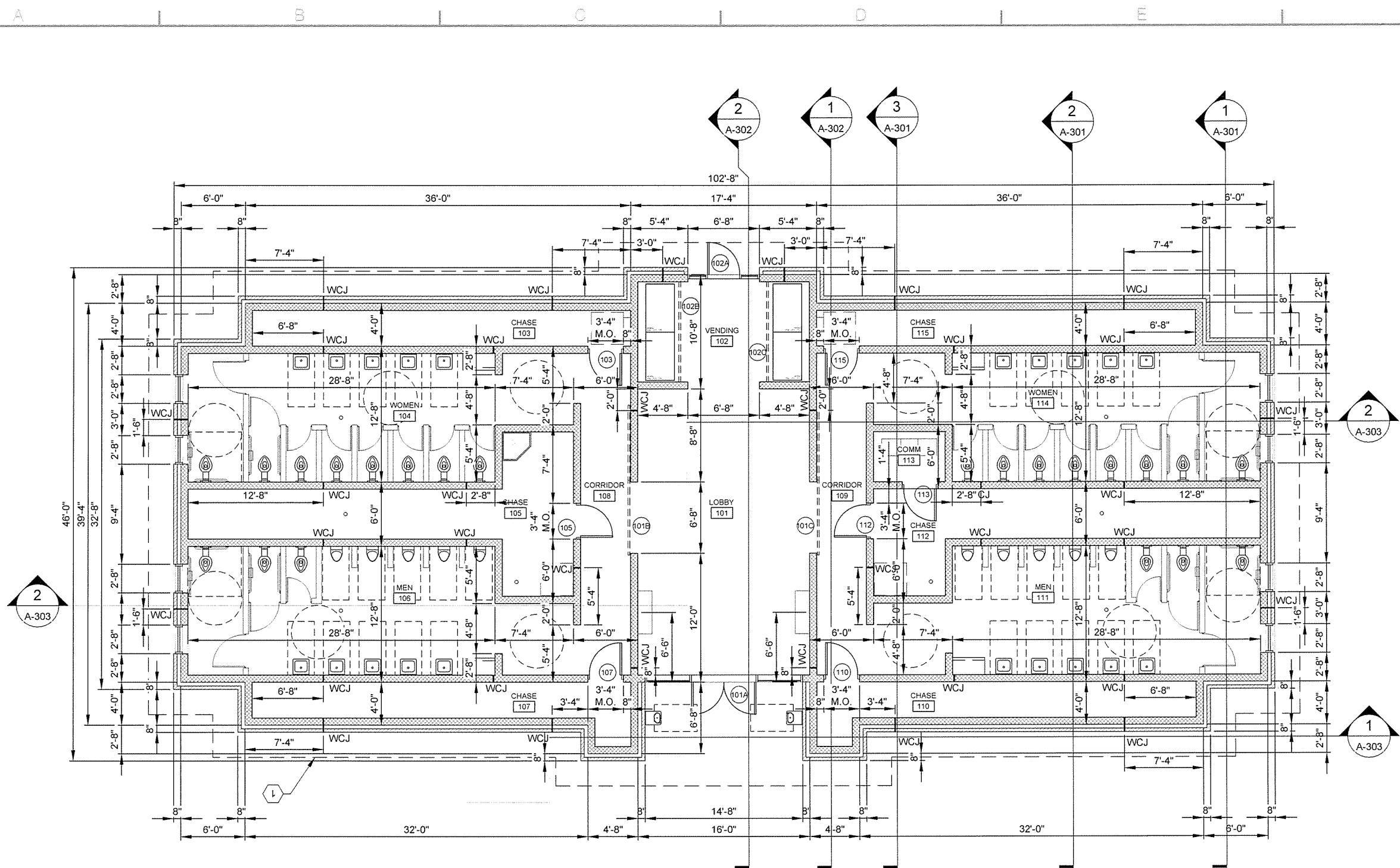
KEYED NOTES

- WALL-MOUNTED MONITOR SECURITY CABINET. SEE ALLOWANCE NO. 2, SECTION 012100 - ALLOWANCES. CONFIRM FINAL MOUNTING HEIGHT WITH OWNER/ARCHITECT.
- BABY CHANGING PLATFORM
- DASHED LINE INDICATES ROOF OVERHANG ABOVE

LEGEND

(100)	DOOR NUMBERS	FE	FIRE EXTINGUISHER AND SEMI-RECESSED CABINET
(A)	WINDOW SYMBOLS	FD	FLOOR DRAIN
(---)	ADA FLOOR CLEARANCES	(WCJ)	WALL CONTROL JOINT, CMU AND MANUFACTURED STONE MASONRY
(ADA)	ADA COMPLIANT STALL		
(AMB)	ADA AMBULATORY COMPLIANT STALL		





1
A-102

DIMENSIONED FLOOR PLAN

SCALE: 3/16" = 1'-0"

GENERAL NOTES

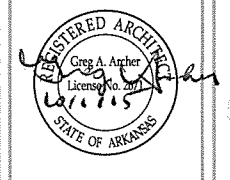
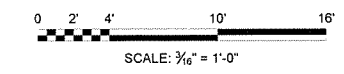
1. SEE SHEET A-101 FOR DOOR AND WINDOW SYMBOLS
2. ALL DIMENSIONS TO FACE OF CMU UNLESS NOTED OTHERWISE
3. SEE CIVIL SHEETS FOR ORIENTATION OF BUILDING ON SITE
4. SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

KEYED NOTES

- ① DASHED LINE INDICATES ROOF OVERHANG ABOVE

LEGEND

- ⊙ DOOR NUMBERS
- Ⓐ WINDOW SYMBOLS
- ⊞ ADA FLOOR CLEARANCES
- FE FIRE EXTINGUISHER AND SEMI-RECESSED CABINET
- FD FLOOR DRAIN
- WJC WALL CONTROL JOINT, CMU AND MANUFACTURED STONE MASONRY



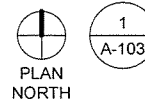
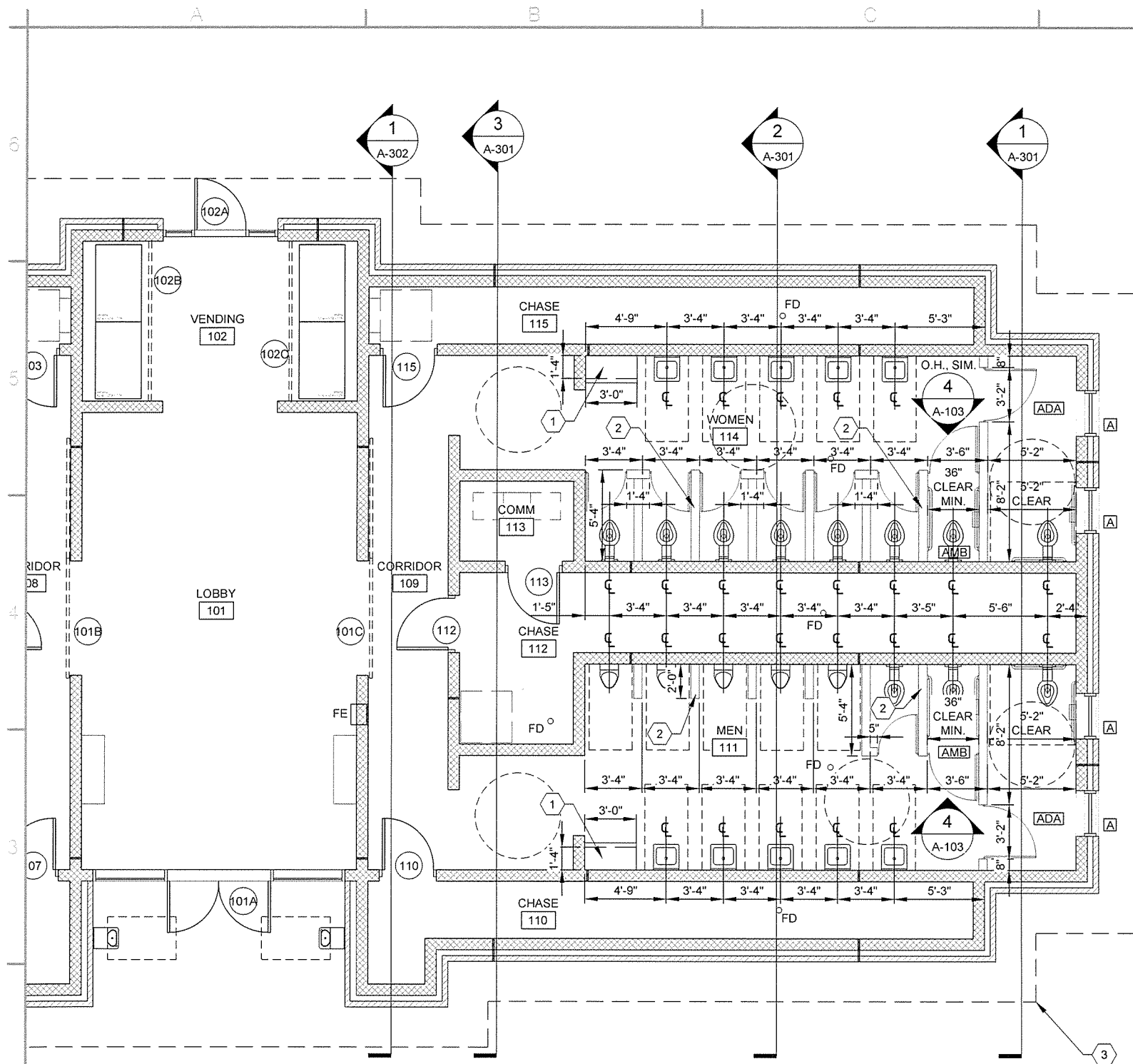
JRR	Appr.
10/11/15	Date
ISSUED FOR CONSTRUCTION	Description
JPC	Symbol

Submitted by Joan T. Walters, III, PE, SE Director, Federal Services	Job Number 080497	Plot Scale N/A	Plot Date 10/11/15	Drng Code N/A
Designed by J. RAMSEY	Drawn by J. RAMSEY	Checked by G. ARCHER	File Name: AHTSBR-A-102.DWG	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

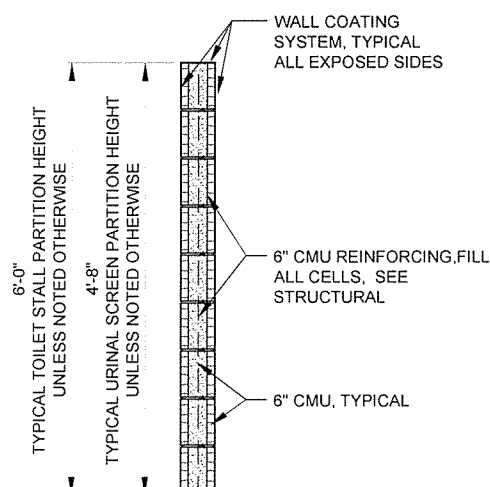
TOURIST INFORMATION CENTER
 DIMENSIONED FLOOR PLAN

Sheet Reference Number:
A-102
 Sheet 37 of 105

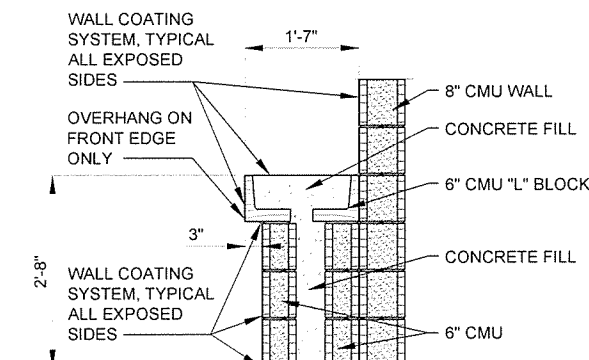


1
A-103

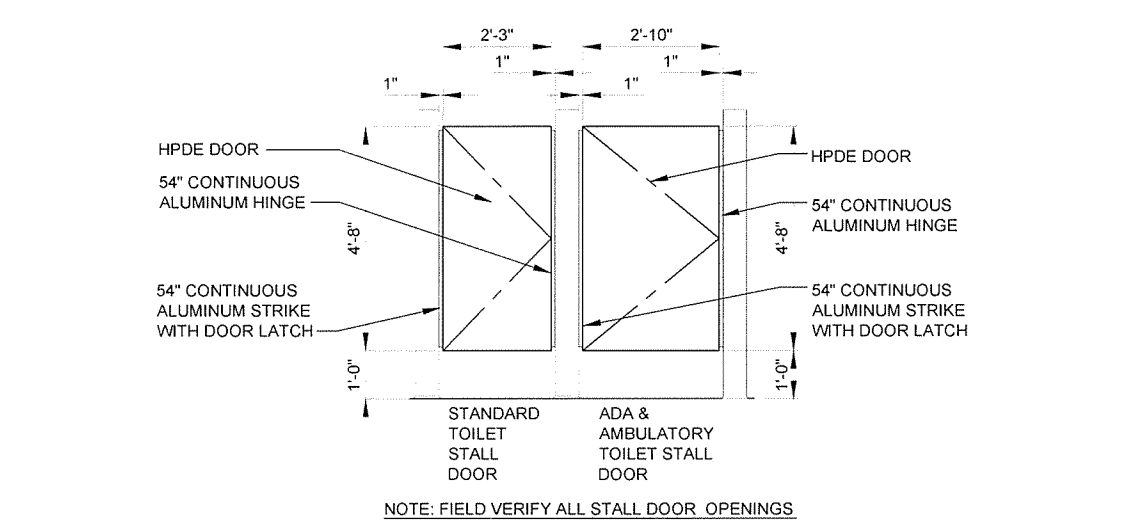
PARTIAL FIXTURE DIMENSIONED FLOOR PLAN
SCALE: 1/4" = 1'-0"



TYPICAL 6" CMU PARTITION WALL
SCALE: 3/4" = 1'-0"



BABY CHANGING PLATFORM SECTION
SCALE: 3/4" = 1'-0"

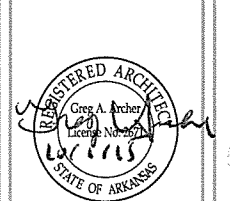
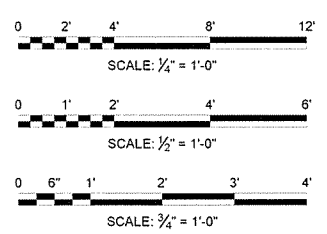


HDPE TOILET STALL DOOR ELEVATIONS
SCALE: 1/2" = 1'-0"

- GENERAL NOTES**
1. ALL DIMENSIONS TO FACE OF CMU UNLESS NOTED OTHERWISE
 2. SEE CIVIL SHEETS FOR ORIENTATION OF BUILDING ON SITE
 3. SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

- KEYED NOTES**
- 1 BABY CHANGING PLATFORM, SEE 3/A-103 FOR DETAIL
 - 2 6" CMU PARTITION, TYPICAL ALL STALLS AND SCREENS, SEE 2/A-103 FOR DETAIL
 - 3 DASHED LINE INDICATES ROOF OVERHANG ABOVE

- LEGEND**
- 100 DOOR NUMBERS
 - A WINDOW SYMBOLS
 - ADA ADA COMPLIANT STALL
 - AMB ADA AMBULATORY COMPLIANT STALL
 - FE FIRE EXTINGUISHER AND SEMI-RECESSED CABINET
 - FD FLOOR DRAIN



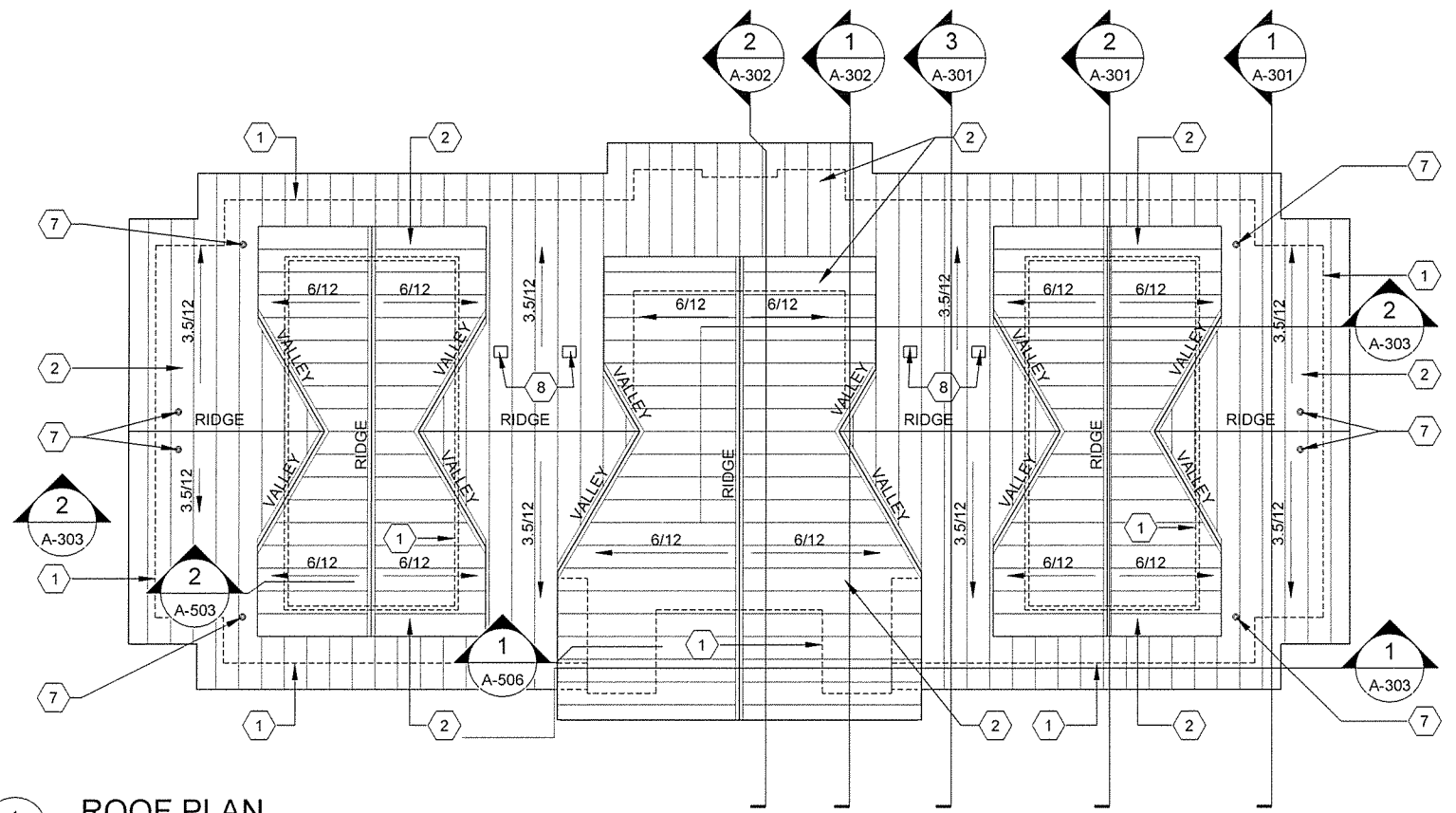
JRR	Appr.
10/11/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Job Number 080497	N/A	N/A	N/A
Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Plot Scale 1:1	Plot Date 10/11/15	Draw Code G ARCHER
Designed by J. RAMSEY	Drawn by J. RAMSEY	Checked by G. ARCHER	File Name A11BPP-A-103.DWG

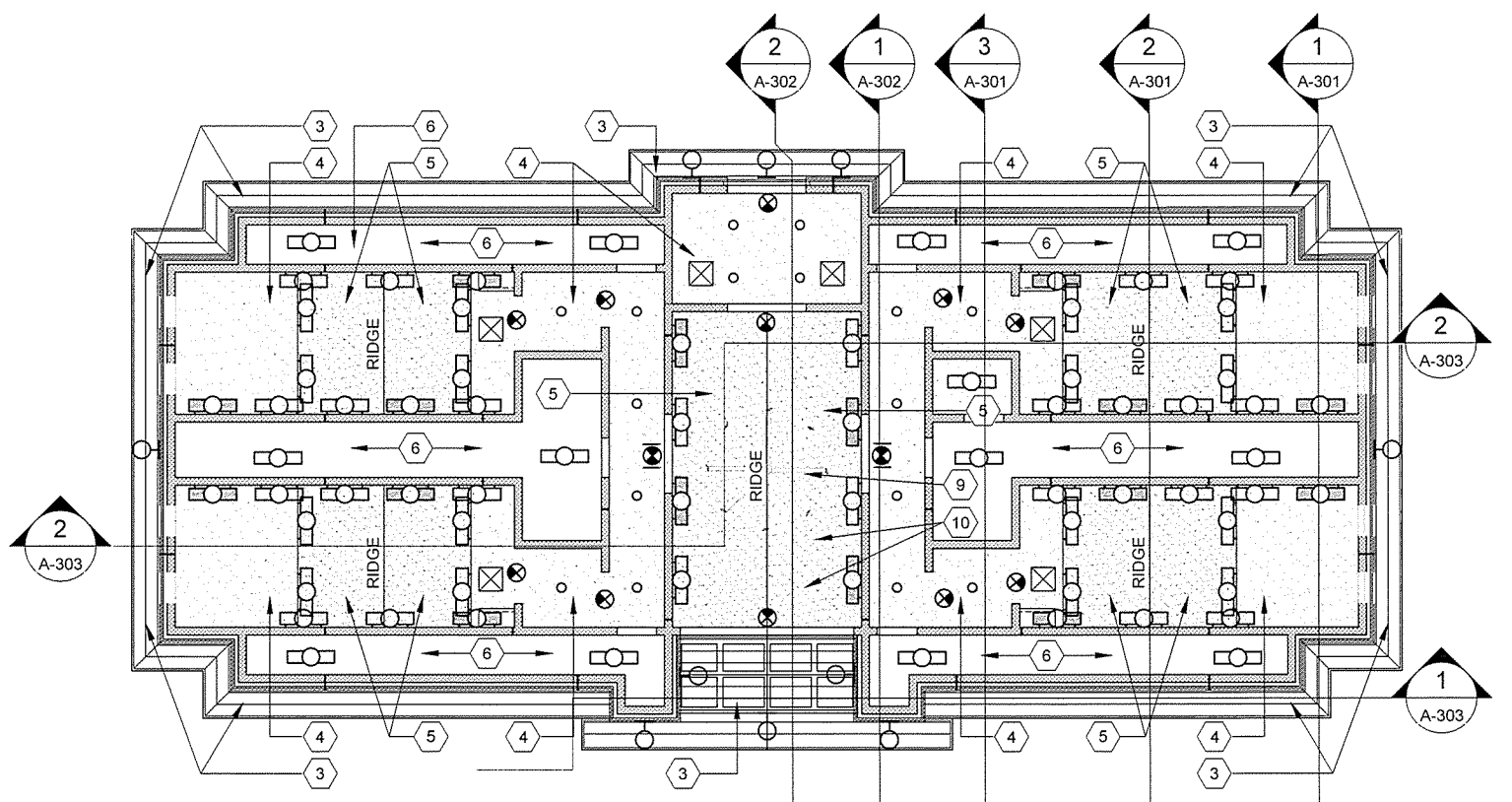
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

TOURIST INFORMATION CENTER
PARTIAL ENLARGED FLOOR PLAN

Sheet Reference Number:
A-103
Sheet 38 of 105



1
A-104
SCALE: 1/8" = 1'-0"
PLAN NORTH



2
A-104
SCALE: 1/8" = 1'-0"
PLAN NORTH

KEYED NOTES

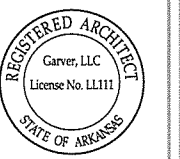
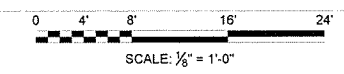
- 1 DASHED LINE INDICATES WALL BELOW
- 2 PRE-FINISHED METAL ROOF - RP1
- 3 PRE-FINISHED METAL SOFFIT - PERFORATED - MS1
- 4 GYPSUM BOARD CEILING, SEE FINISH SCHEDULE
- 5 SLOPED GYPSUM BOARD CEILING, SEE FINISH SCHEDULE
- 6 OPEN TO DECK ABOVE
- 7 ROOF VENT, SEE PLUMBING DRAWINGS
- 8 ROOF HOOD, CENTER IN METAL ROOF PAN, SEE MECHANICAL
- 9 CEILING FAN, SEE ELECTRICAL
- 10 GYPSUM BOARD CONTRL JOINTS, COORDINATE LOCAITON WITH ARCHITECT/OWNER

GENERAL NOTES

- 1. SEE CIVIL SHEETS FOR ORIENTATION OF BUILDING ON SITE
- 2. SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

LEGEND

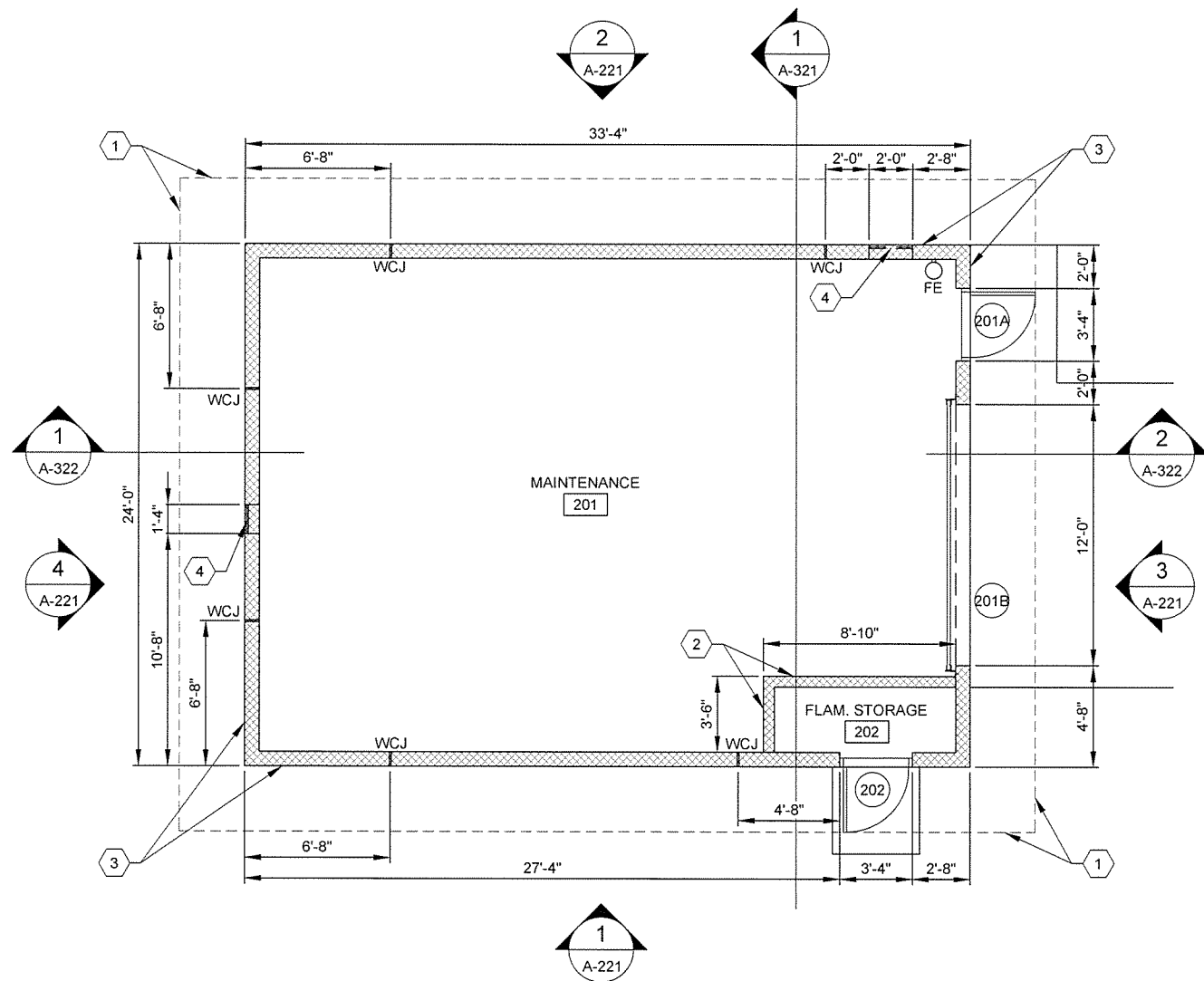
- [Symbol] GYPSUM BOARD CEILING, PAINT FINISH, SEE FINISH SCHEDULE
- [Symbol] PREFINISHED METAL SOFFIT - PERFORATED, MS1
- [Symbol] NO CEILING - EXPOSED STRUCTURE
- [Symbol] 2 X 4 WALL MOUNTED FLUORESCENT LIGHT FIXTURE
- [Symbol] 2 X 4 WALL MOUNTED FLUORESCENT EMERGENCY LIGHT FIXTURE
- [Symbol] 2 X 4 PENDANT MOUNTED FLUORESCENT LIGHT FIXTURE
- [Symbol] EXIT FIXTURE
- [Symbol] RETURN GRILLE
- [Symbol] SUPPLY GRILLE




JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IPC	Symbol

Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Job Number 080497	Submitted Date 10/1/15	Plot Scale 1:1	Plot Date 10/1/15	Drug Code
Designed by J. RAMSEY	Drawn by J. RAMSEY	Checked by G. ARCHER	File Name: AHSBP-A-104.DWG		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 TOURIST INFORMATION CENTER
 ROOF AND REFLECTED CEILING PLANS





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



GENERAL NOTES

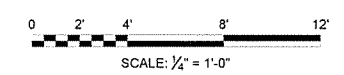
1. ALL DIMENSIONS TO FACE OF CMU UNLESS NOTED OTHERWISE
2. SEE CIVIL SHEETS FOR ORIENTATION OF BUILDING ON SITE
3. SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

KEYED NOTES

- ① DASHED LINE INDICATES ROOF OVERHAND ABOVE
- ② 6" CMU WALL
- ③ 8" CMU WALL WITH INTEGRAL WALL REPELLANT AND SEALER
- ④ LOUVER, SEE MECHANICAL DRAWINGS

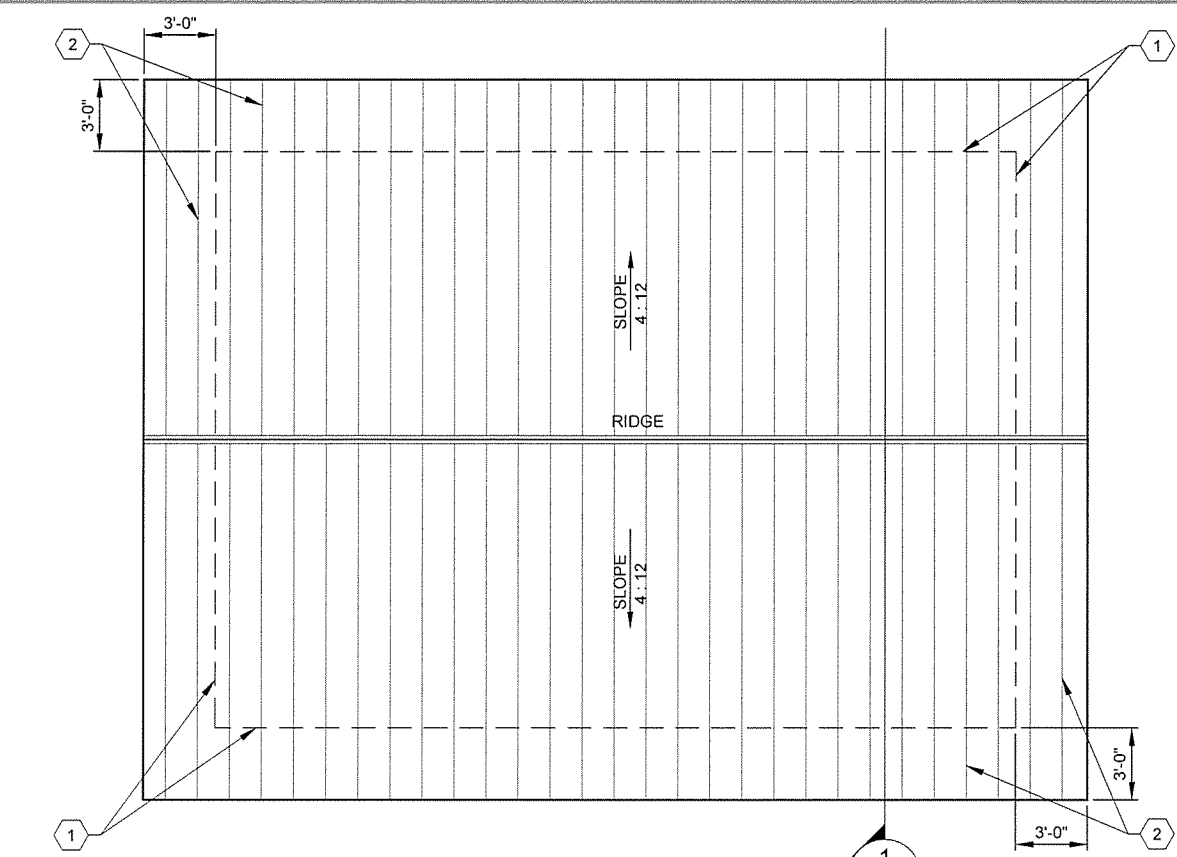
LEGEND

- ⑩ DOOR NUMBERS
- FE  FIRE EXTINGUISHER - WALL HUNG, HOOK MOUNTED
- WCJ  WALL CONTROL JOINT

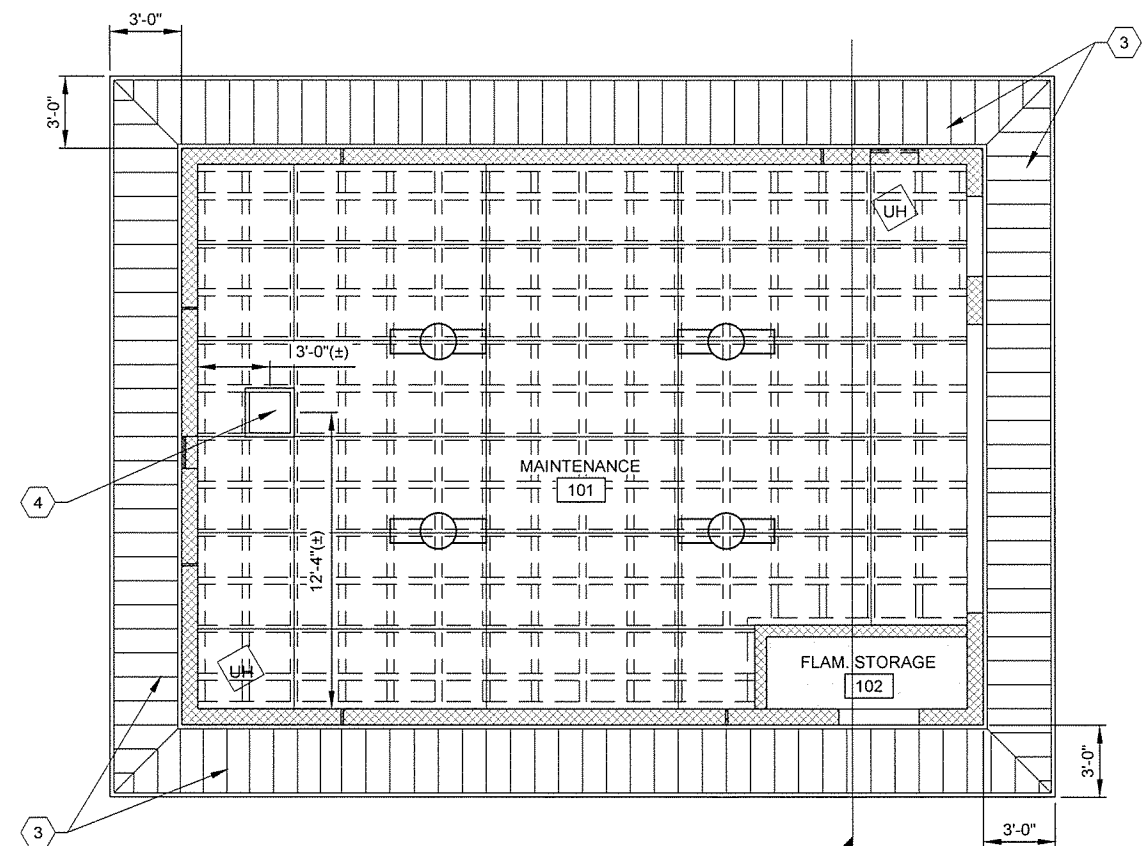


Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Job Number	080497
Designed by	J. RAMSEY	Plot Date	10/1/15
Drawn by	J. RAMSEY	Plot Scale	1:1
Checked by	G. ARCHER	Drug Code	
File Name	AH15BP-A-121.DWG	Issued For Construction	
		Symbol	
		Date	10/1/15
		Appr.	JRR

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
MAINTENANCE BUILDING
FLOOR PLAN



1 ROOF PLAN
 SCALE: 1/4" = 1'-0"
 PLAN NORTH



2 REFLECTED CEILING PLAN
 SCALE: 1/4" = 1'-0"
 PLAN NORTH

GENERAL NOTES

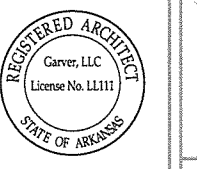
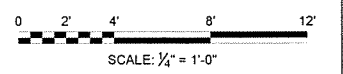
1. ALL DIMENSIONS TO FACE OF CMU UNLESS NOTED OTHERWISE
2. SEE CIVIL SHEETS FOR ORIENTATION OF BUILDING ON SITE
3. SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

KEYED NOTES

- 1 DASHED LINE INDICATES WALL BELOW OR ROOF EDGE ABOVE
- 2 PRE-FINISHED METAL ROOF - RP1
- 3 PRE-FINISHED METAL SOFFIT - PERFORATED - MS1
- 4 20" x 20" LIFT-OUT CEILING ACCESS PANEL. ADJUST FINAL LOCATION TO FIT CEILING FRAMING

LEGEND

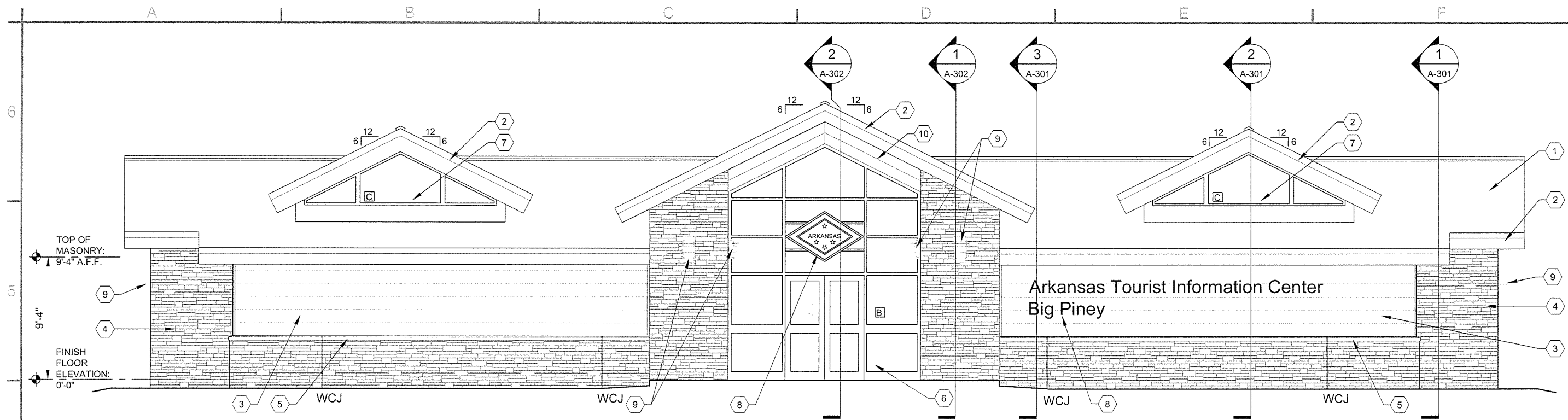
- CONCRETE CEILING, PAINT FINISH. SEE FINISH SCHEDULE
- 4' x 8' MOISTURE RESISTANT GYPSUM BOARD CEILING. SEE FINISH SCHEDULE
- METAL FRAMING ABOVE. SEE WALL SECTIONS
- 2 X 4 SURFACE MOUNTED FLUORESCENT LIGHT FIXTURE
- EXIT FIXTURE
- UNIT HEATER. SEE MECHANICAL DRAWINGS



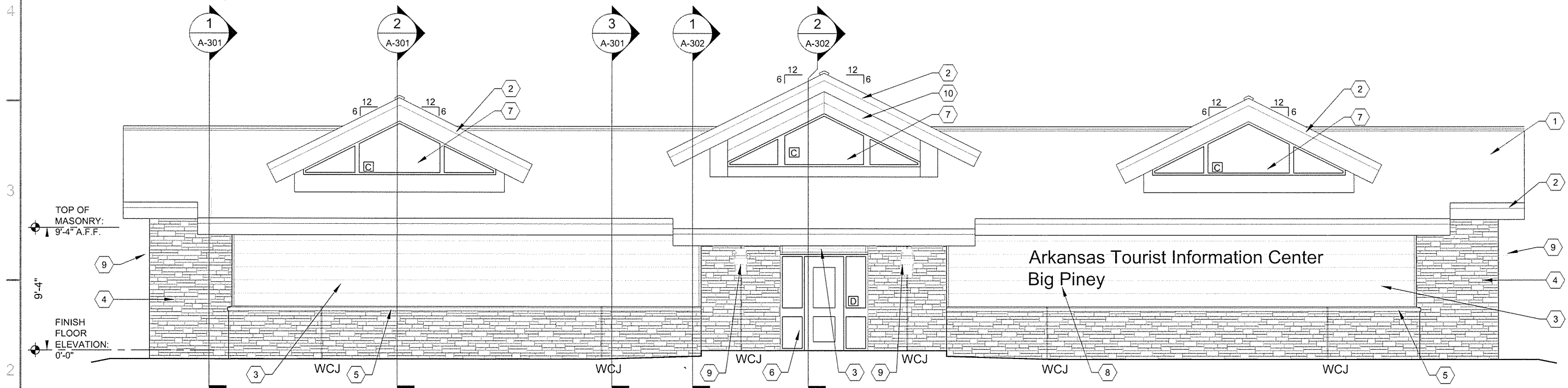
Appr.	JRR
Date	10/1/15
Description	ISSUED FOR CONSTRUCTION
Symbol	IPC

Submitted by	John T. Watkins, III, PE, SE	Director, Federal Services	Job Number	080497
Designed by	J. RAMSEY		Plot Date	10/1/15
Drawn by	J. RAMSEY		Plot Scale	1:1
Checked by	G. ARCHER		Drug Code	
File Name:	AH15BP-A-122.DWG			

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 MAINTENANCE BUILDING
 REFLECTED CEILING AND ROOF
 PLANS



1 FRONT ELEVATION
A-201 SCALE: 1/4" = 1'-0"



2 BACK ELEVATION
A-201 SCALE: 1/4" = 1'-0"

GENERAL NOTES

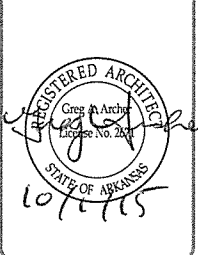
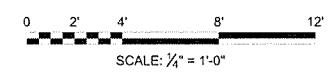
- SEE CIVIL SHEETS FOR FINAL GRADE AT EACH BUILDING ON SITE
- SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

KEYED NOTES

- | | |
|--|--|
| 1 PRE-FINISHED METAL ROOF - RP1 | 8 BUILDING SIGNAGE, SEE ALLOWANCE NO. 1; SECTION 012100 - ALLOWANCES |
| 2 PRE-FINISHED METAL TRIM FASCIA - MT1 | 9 LIGHT FIXTURE, SEE ELECTRICAL |
| 3 PRE-FINISHED METAL SIDING - WS1 | 10 PRE-FINISHED METAL WALL PANEL - MT2 |
| 4 MANUFACTURED STONE MASONRY - SW1 | |
| 5 MANUFACTURED STONE MASONRY CAP - SW2 | |
| 6 ALUMINUM STOREFRONT - SF1 | |
| 7 ALUMINUM WINDOWS - WD1 | |

LEGEND

- WCJ WALL CONTROL JOINT, CMU AND MANUFACTURED STONE MASONRY

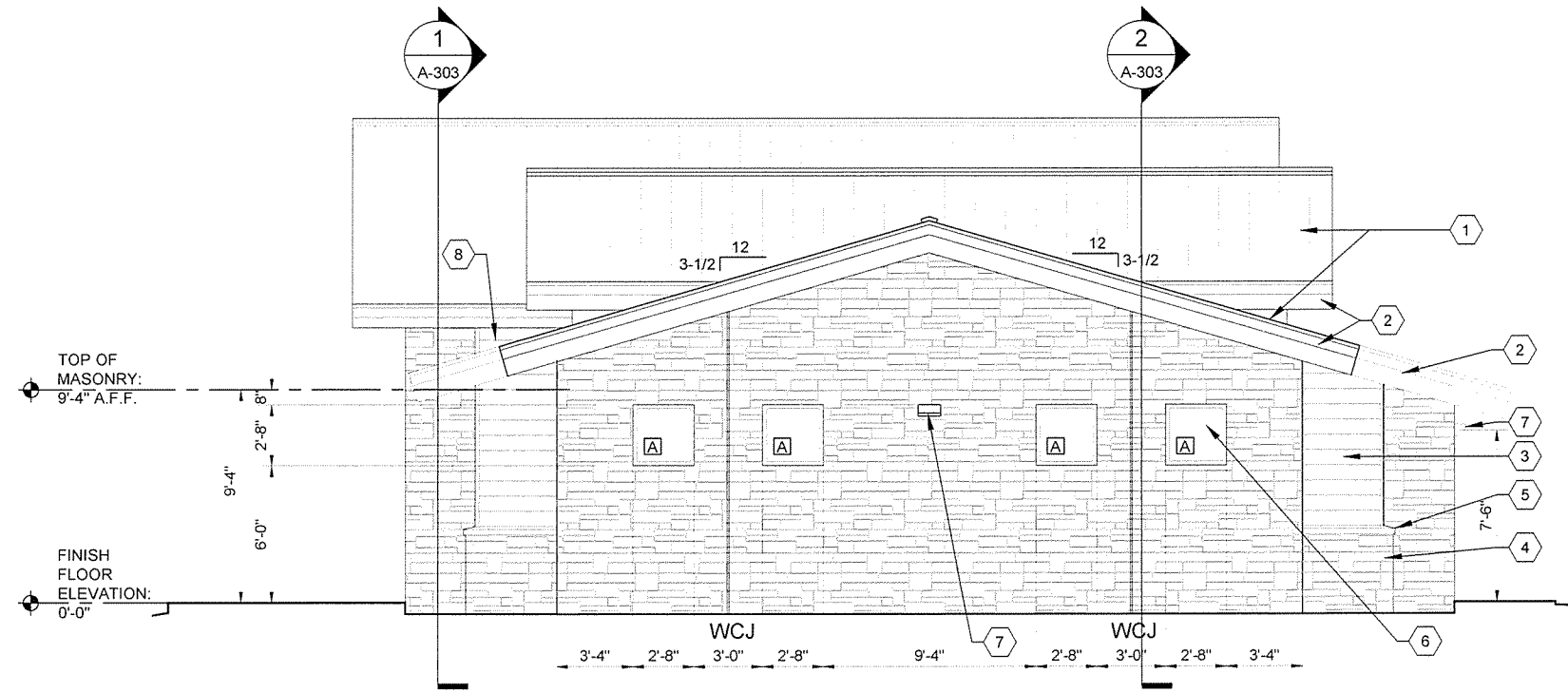


JRR	Appr
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IPC	Symbol

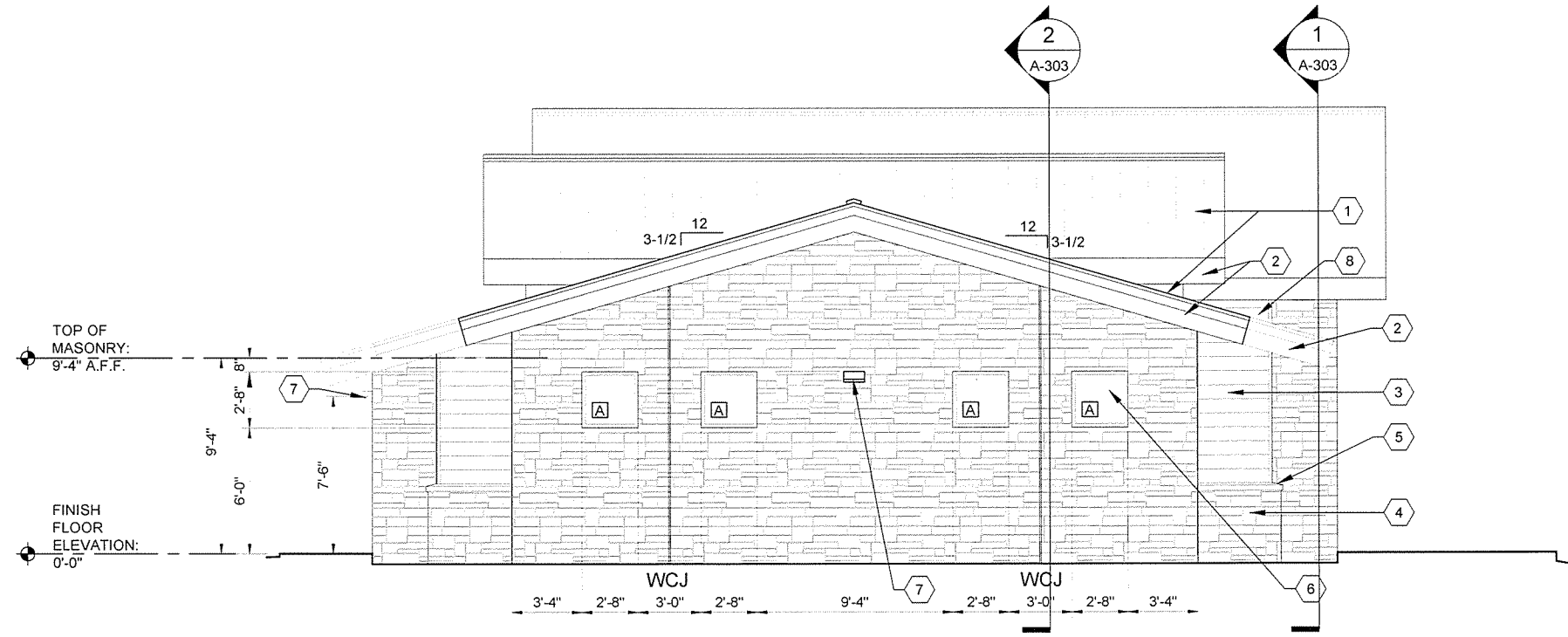
Job Number	800497
Submitted by	John T. Director, Federal Services
Drawn by	J. RAMSEY
Checked by	G. ARCHER
File Name	AH15BP-A-201.DWG
Plot Date	10/2/15
Plot Scale	1:1
Draw Code	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

TOURIST INFORMATION CENTER
BUILDING ELEVATIONS



1
A-202
END ELEVATION
SCALE: 1/4" = 1'-0"



2
A-202
END ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES

- SEE CIVIL SHEETS FOR FINAL GRADE AT EACH BUILDING ON SITE
- SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

KEYED NOTES

- PRE-FINISHED METAL ROOF - RP1
- PRE-FINISHED METAL TRIM FASCIA - MT1
- PRE-FINISHED METAL SIDING - WS1
- MANUFACTURED STONE MASONRY - SW1
- MANUFACTURED STONE MASONRY CAP - SW2
- ALUMINUM WINDOWS - WD1
- LIGHTING, SEE ELECTRICAL DRAWINGS
- NOTE: ALIGN EXTERIOR FACE OF METAL SIDING WITH EXTERIOR FACE OF MANUFACTURED STONE MASONRY

LEGEND

WCJ WALL CONTROL JOINT, CMU AND MANUFACTURED STONE MASONRY

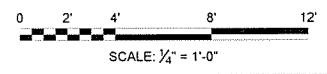
GARVER
4701 Northshore Drive
N Little Rock, AR 72118
501-376-3633
www.GarverUSA.com

REGISTERED ARCHITECT
Garver, LLC
License No. LL1111
STATE OF ARKANSAS

REGISTERED ARCHITECT
Chris A. Archer
License No. 2671
STATE OF ARKANSAS

Job Number	080497	JRR	Appr.
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	10/1/15	Date
Designed by	J. RAMSEY		
Drawn by	J. RAMSEY		
Checked by	G. ARCHER		
Plot Date	10/1/15		
Plot Scale	1:1		
Divig Code			
File Name	AH15BP-A-202.DWG		

ISSUED FOR CONSTRUCTION

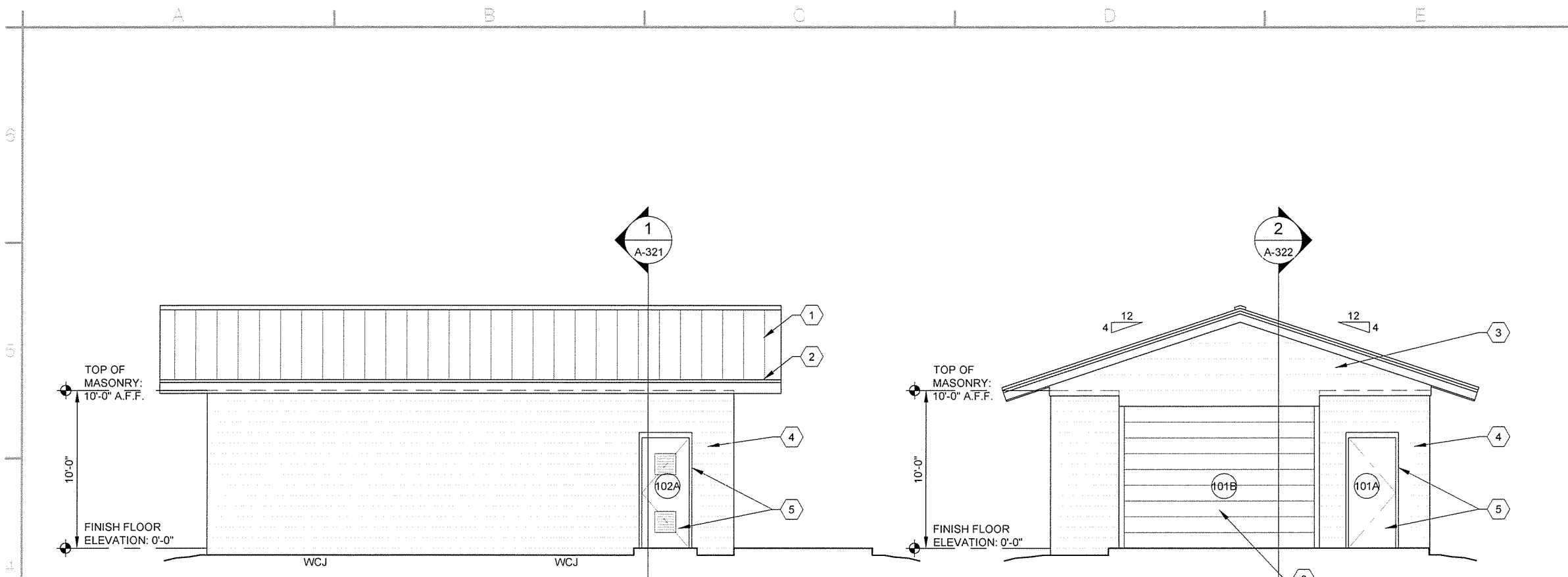


ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

TOURIST INFORMATION CENTER
BUILDING ELEVATIONS

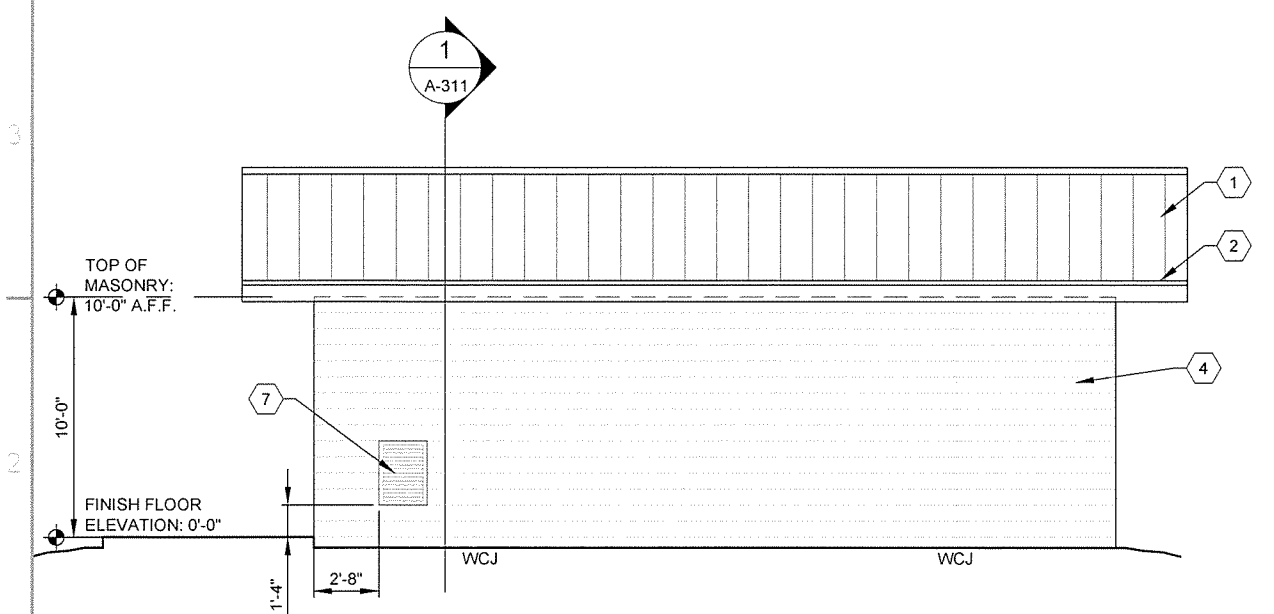
Sheet Reference Number:
A-202

Sheet 43 of 105

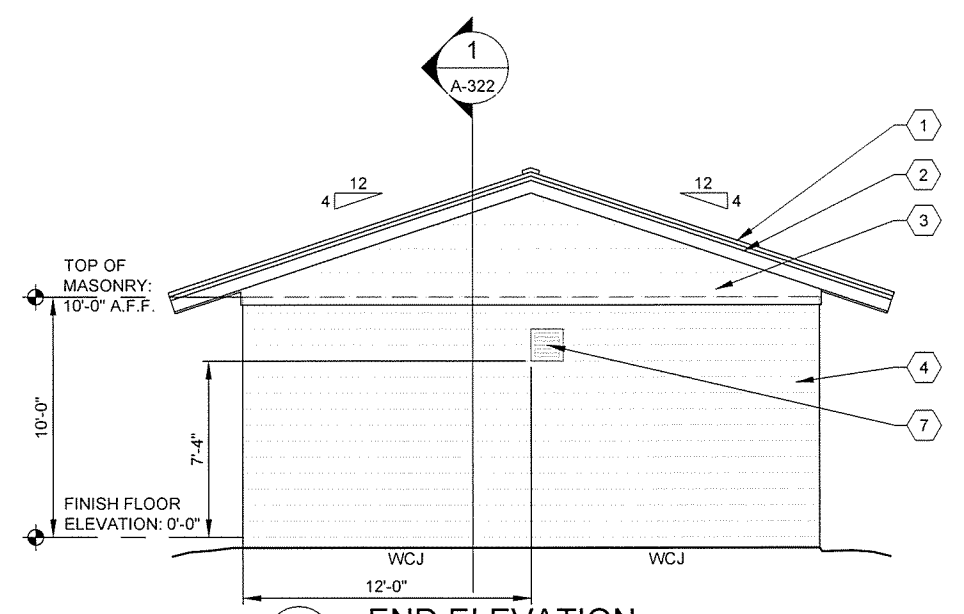


1 SIDE ELEVATION
A-221 SCALE: 1/4" = 1'-0"

3 END ELEVATION
A-221 SCALE: 1/4" = 1'-0"



2 SIDE ELEVATION
A-221 SCALE: 1/4" = 1'-0"



4 END ELEVATION
A-221 SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. SEE CIVIL SHEETS FOR FINAL GRADE AT EACH BUILDING ON SITE
2. CMU AND MORTAR TO HAVE INTEGRAL WATER REPELLANT
3. SEE SHEET A-002 FOR MATERIAL AND COLOR LEGENDS

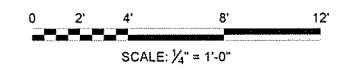


KEYED NOTES

- 1 PRE-FINISHED METAL ROOF - RP1
- 2 PRE-FINISHED METAL TRIM FASCIA - MT1
- 3 PRE-FINISHED METAL SIDING - WS1
- 4 8" CMU, INTEGRAL WATER REPELLANT, PAINT AND SEALER
- 5 HOLLOW METAL DOOR AND FRAME - EPT1 & EPT2
- 6 OVERHEAD SECTIONAL DOOR - OHD1
- 7 LOUVER, SEE MECHANICAL DRAWINGS

LEGEND

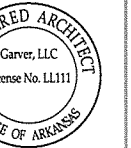
- 100 DOOR NUMBERS
- WCJ WALL CONTROL JOINT



Job Number 080497	Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Plot Date 10/1/15	Plot Scale 1:1	Divsg Code	File Name AHTSBPA-221.DWG
Designed by J. RAMSEY	Drawn by J. RAMSEY	Checked by G. ARCHER			
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT ARKANSAS TOURIST INFORMATION CENTER (BIG PINEY) (S) JOB 080497 MAINTENANCE BUILDING ELEVATIONS					
Sheet Reference Number: A-221 Sheet 44 of 105					



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JRR
Date: 10/1/15
Appr.

ISSUED FOR CONSTRUCTION
Description:

IPC
Symbol:

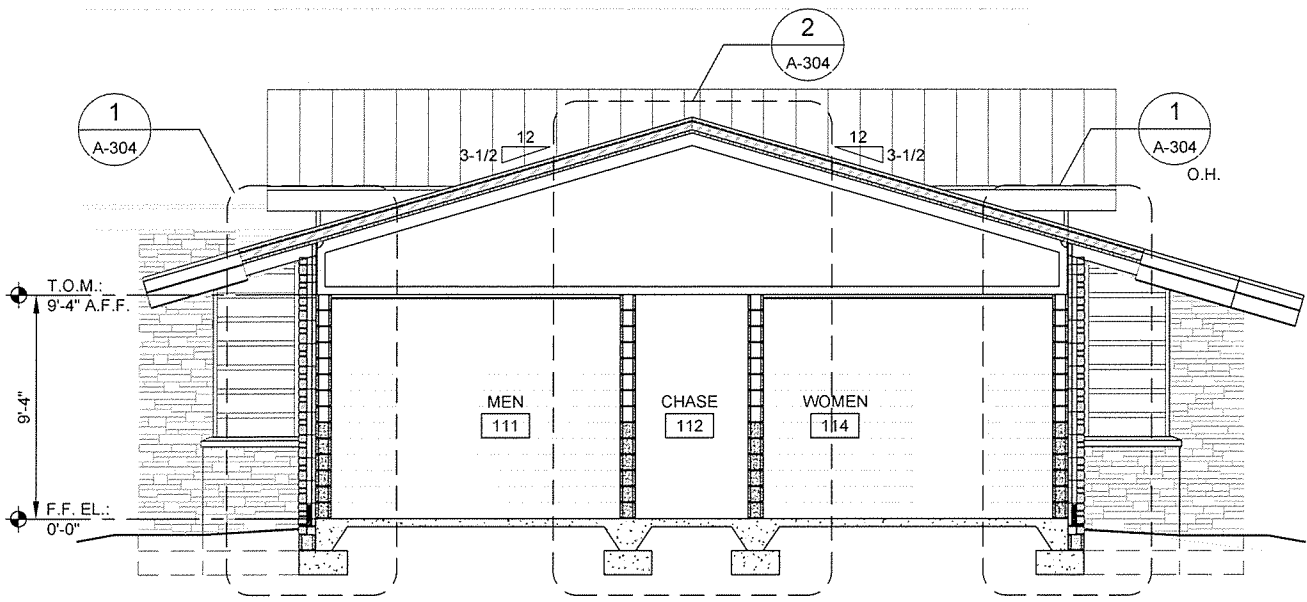
Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Job Number 080497
Designed by J. RAMSEY	Plot Date 10/1/15
Drawn by J. RAMSEY	Plot Scale 1:1
Checked by G. ARCHER	Drug Code
File Name AHISBP-A-301.DWG	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
TOURIST INFORMATION CENTER
BUILDING SECTIONS

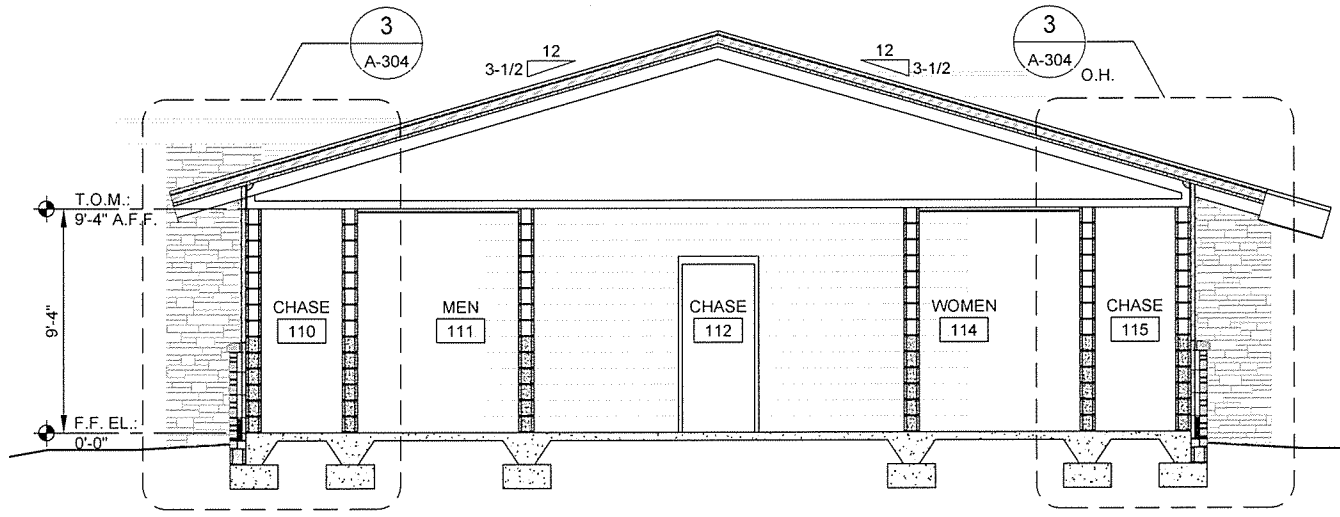
Sheet Reference Number:

A-301

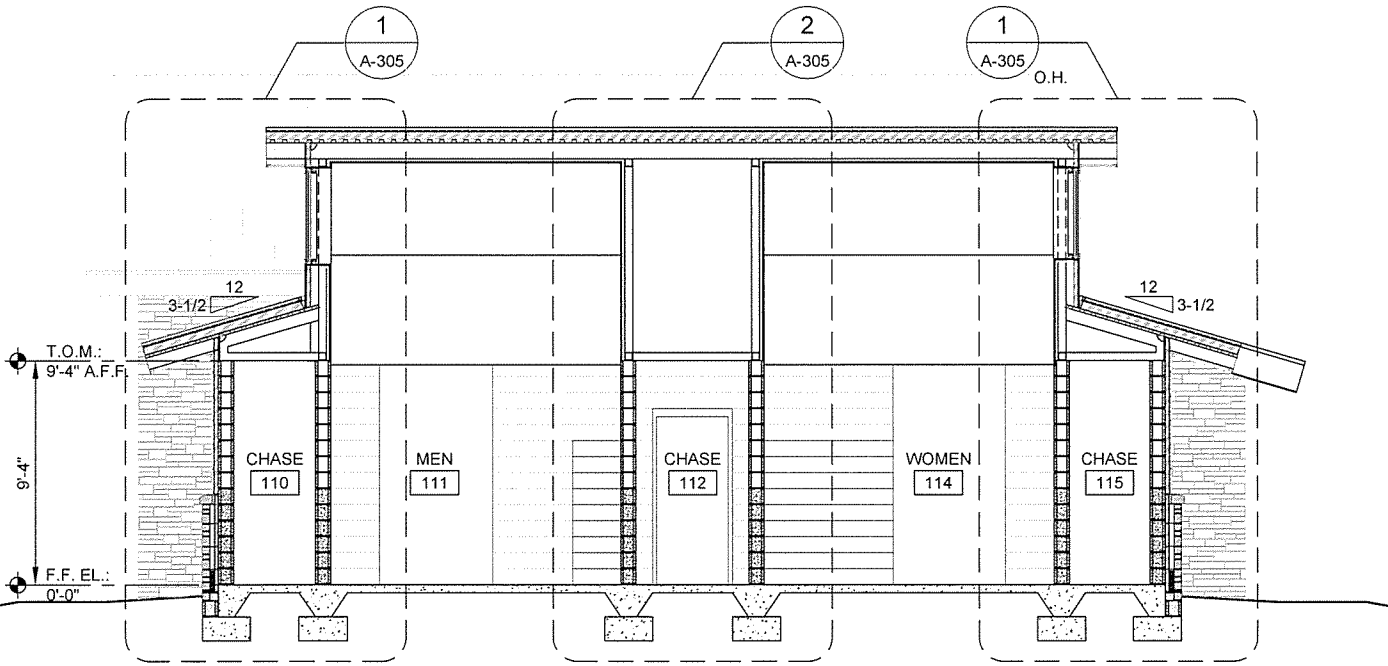
Sheet 45 of 105



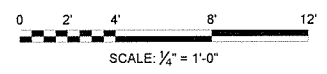
1 BUILDING SECTION
A-301 SCALE: 1/4" = 1'-0"

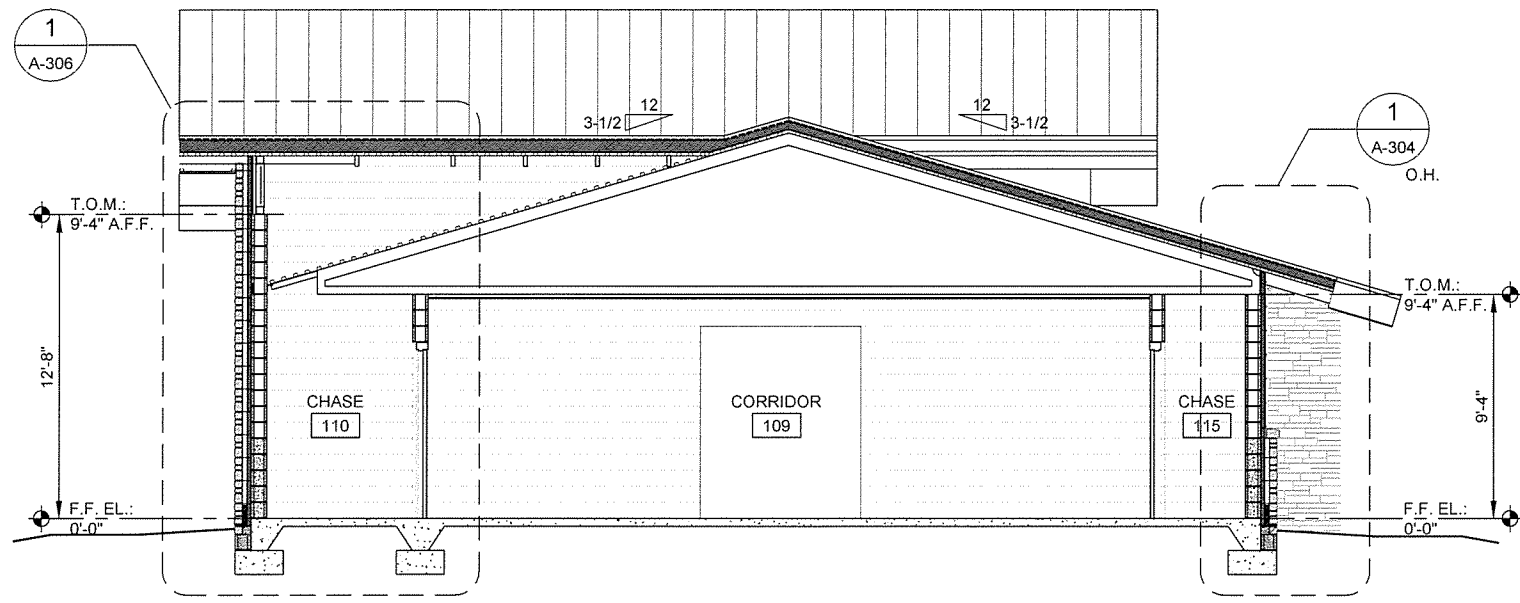


3 BUILDING SECTION
A-301 SCALE: 1/4" = 1'-0"

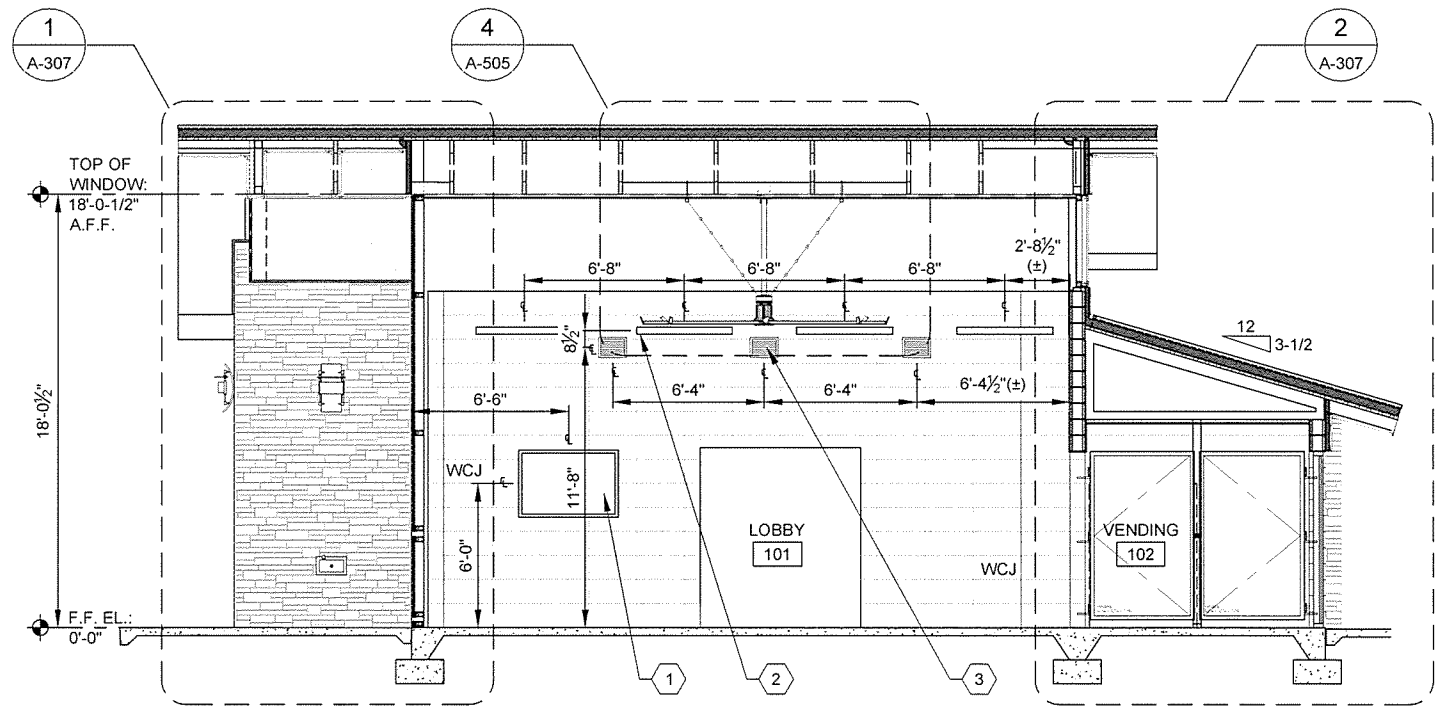


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A-301 SCALE: 1/4" = 1'-0"

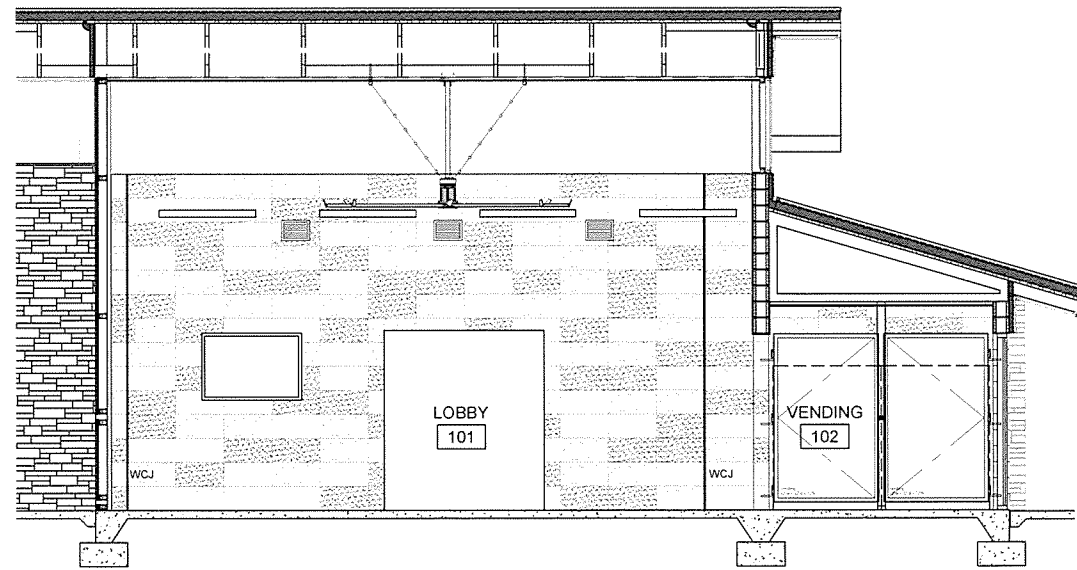




1 BUILDING SECTION
A-302 SCALE: 1/4" = 1'-0"



2 BUILDING SECTION
A-302 SCALE: 1/4" = 1'-0"



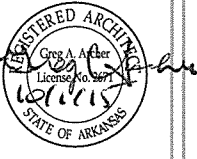
3 LOBBY WALL TILE DIAGRAM
A-302 SCALE: 1/4" = 1'-0"

KEYED NOTES

- 1 WALL-MOUNTED MONITOR SECURITY CABINET, SEE ALLOWANCE NO. 2, SECTION 012100 - ALLOWANCES. CONFIRM FINAL MOUNTING HEIGHT WITH OWNER/ARCHITECT.
- 2 LIGHT FIXTURE, SEE ELECTRICAL
- 3 HVAC SUPPLY GRILLE, SEE MECHANICAL

LEGEND

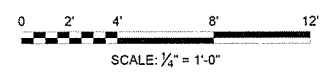
- CERAMIC WALL TILE, T1, 40% OF BLEND
- CERAMIC WALL TILE, T2, 30% OF BLEND
- CERAMIC WALL TILE, T3, 30% OF BLEND

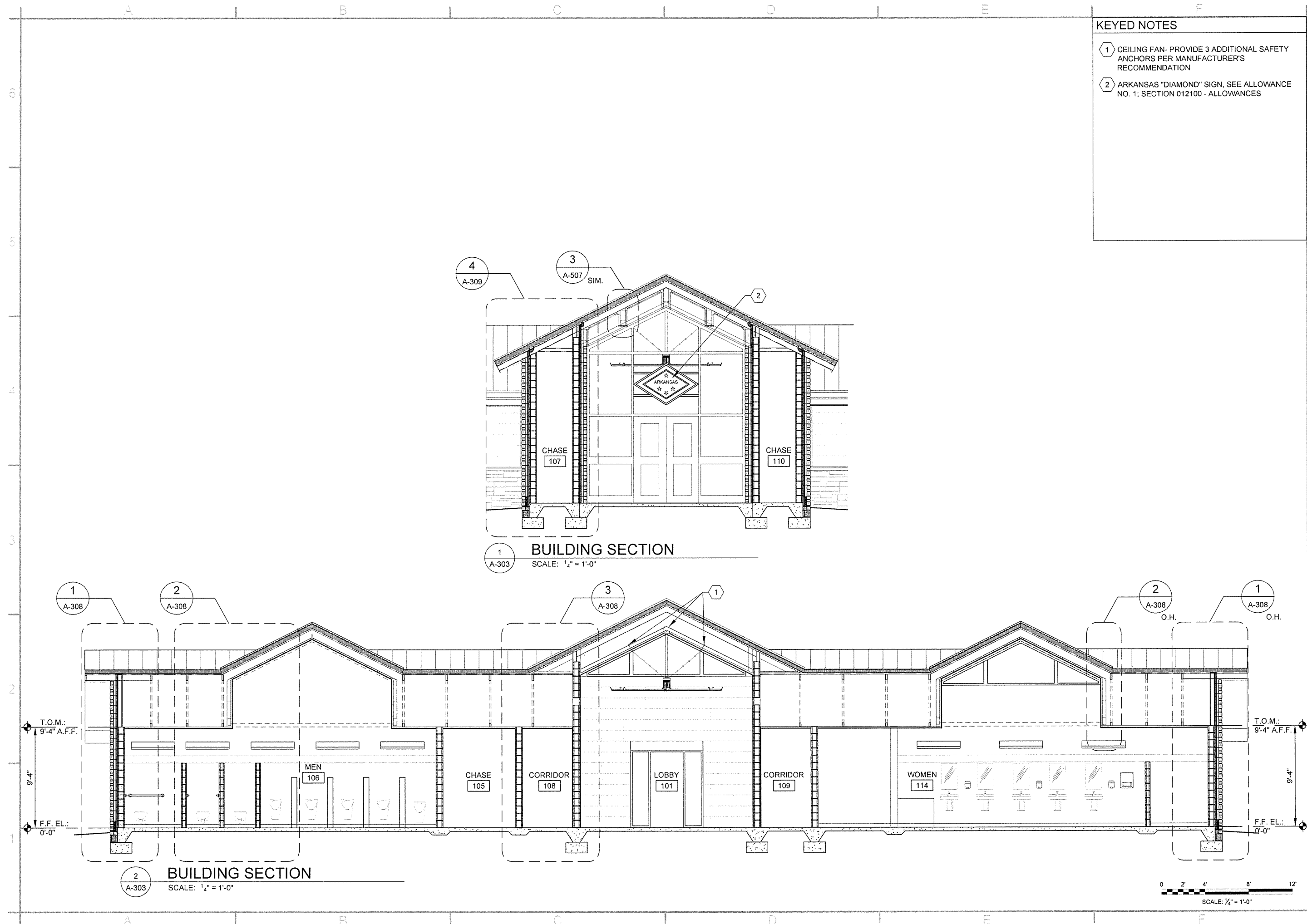


ISSUED FOR CONSTRUCTION	JRR
Date	10/1/15
Appr.	
IPC Symbol	

Submitted by	John T. Watkins, III, PE, SE	Job Number	080497
Director, Federal Services		Scale	N/A
Drawn by	J. RAMSEY	Plot Date	10/1/15
Checked by	G. ARCHER	Draw Code	N/A
File Name	AH15BP-A-302.DWG		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
TOURIST INFORMATION CENTER
BUILDING SECTIONS





KEYED NOTES

- 1 CEILING FAN- PROVIDE 3 ADDITIONAL SAFETY ANCHORS PER MANUFACTURER'S RECOMMENDATION
- 2 ARKANSAS "DIAMOND" SIGN, SEE ALLOWANCE NO. 1; SECTION 012100 - ALLOWANCES

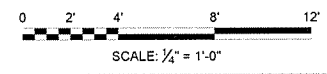


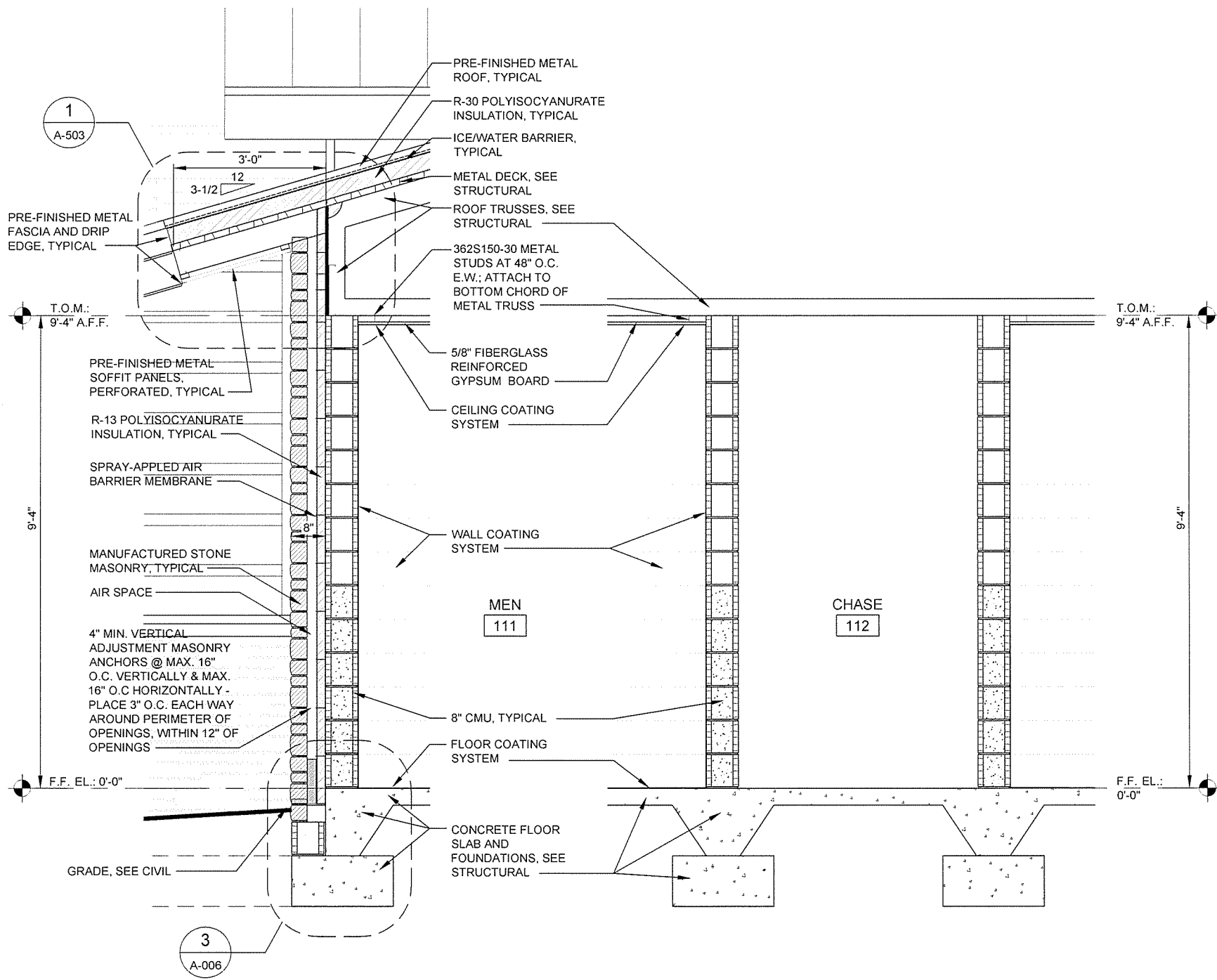
JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IPC	Symbol

Job Number 00407	Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Plot Scale 1:1	Plot Date 10/1/15	Divog Code	File Name AHSBP-A-303.DWG
N/A	N/A	N/A	N/A	N/A	N/A

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
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 JOB 080497
 TOURIST INFORMATION CENTER
 BUILDING SECTIONS

Sheet Reference Number:
A-303
 Sheet 47 of 105

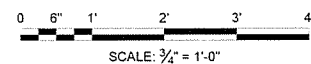


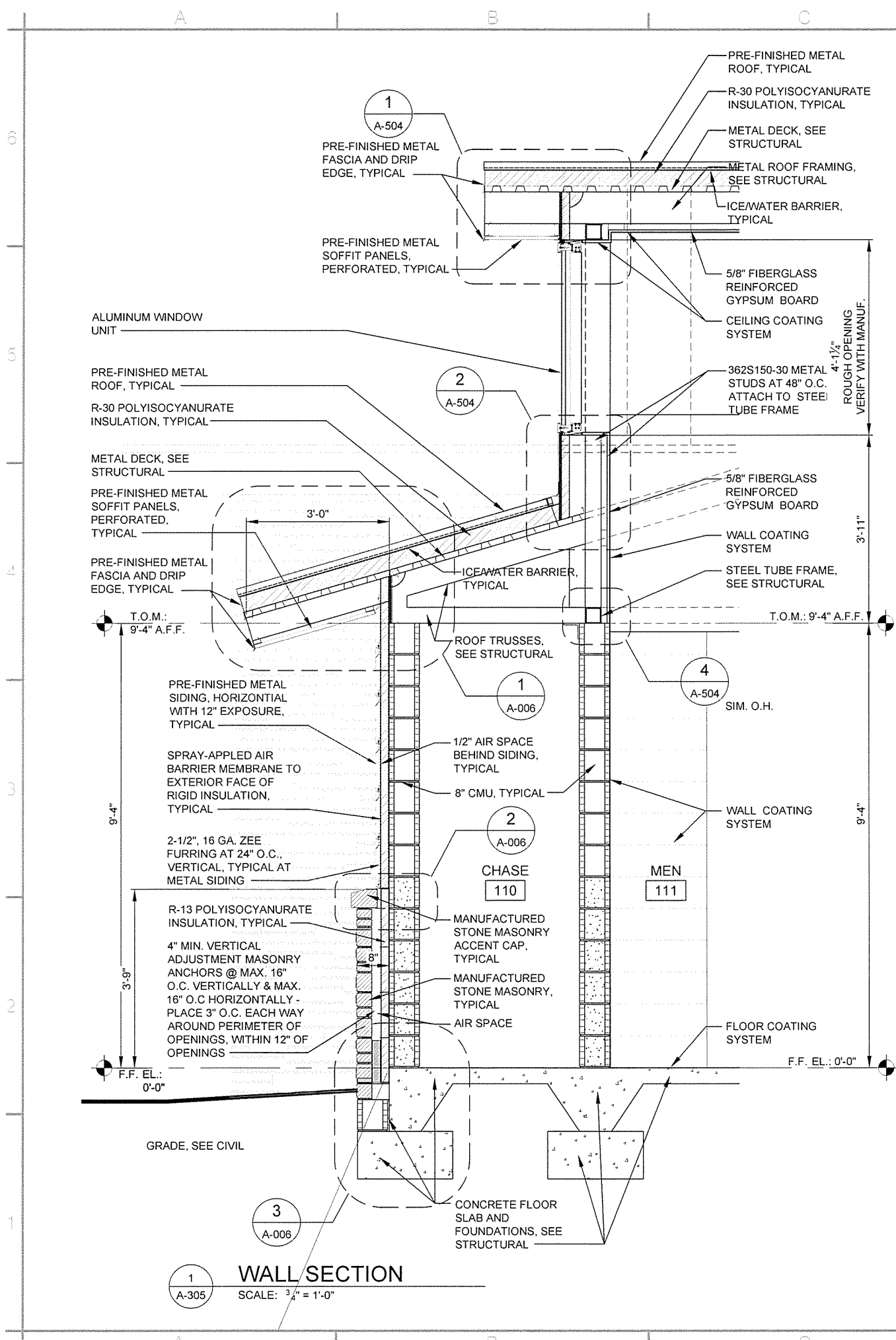


1 BUILDING SECTION
 SCALE: 1/4" = 1'-0"

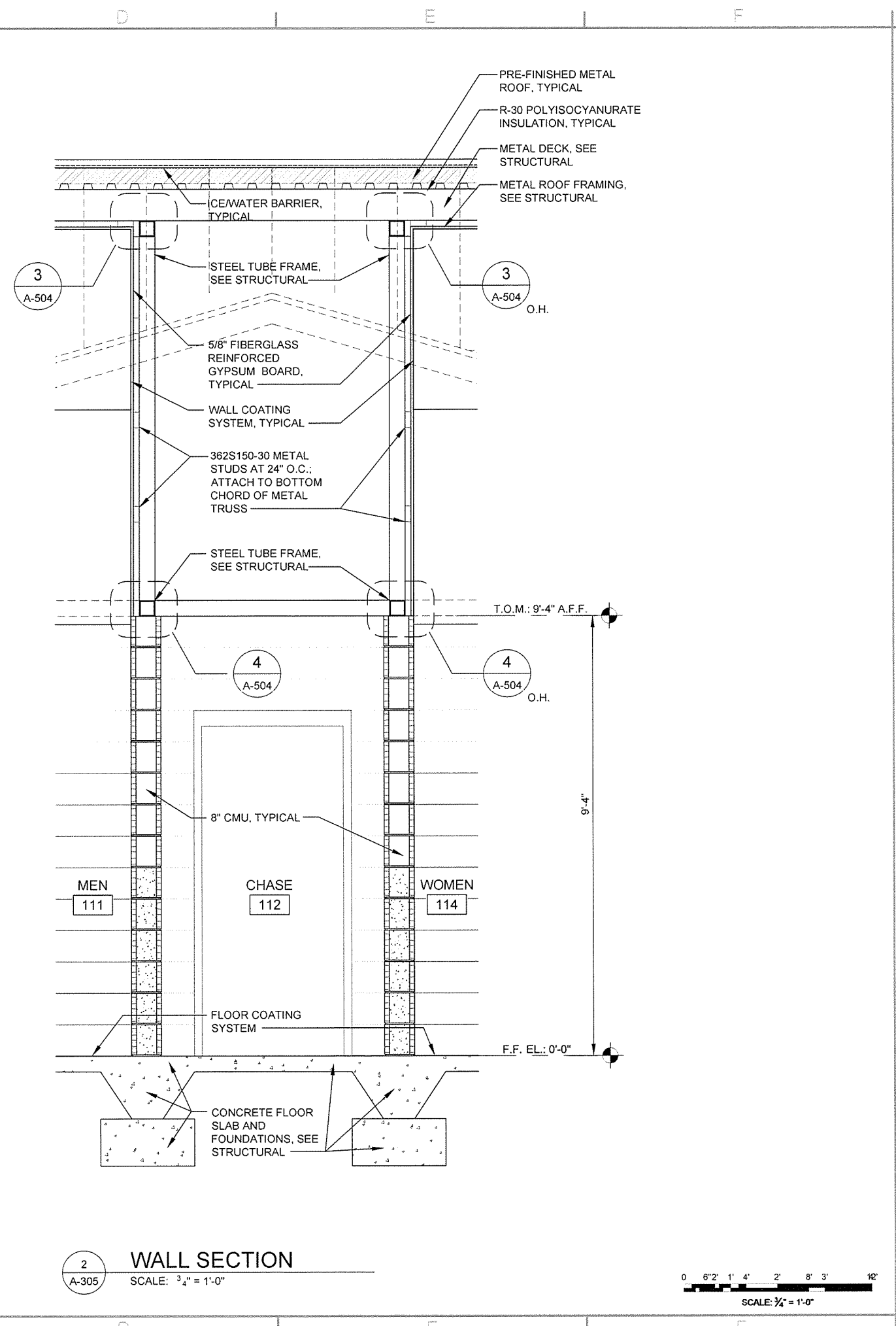
2 WALL SECTION
 SCALE: 3/4" = 1'-0"

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

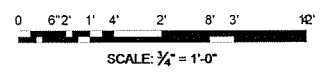




1 WALL SECTION
 SCALE: 3/4" = 1'-0"



2 WALL SECTION
 SCALE: 3/4" = 1'-0"



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REGISTERED ARCHITECT
 J. Ramsey
 License No. 26715
 STATE OF ARKANSAS

Job Number	080497	JRR	Apr
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	10/1/15	Date
Designed by	J. RAMSEY		
Drawn by	J. RAMSEY	11	Plot Scale
Plot Date	10/1/15		
Checked by	G. ARCHER		
File Name	AH15BP-A-305.DWG		

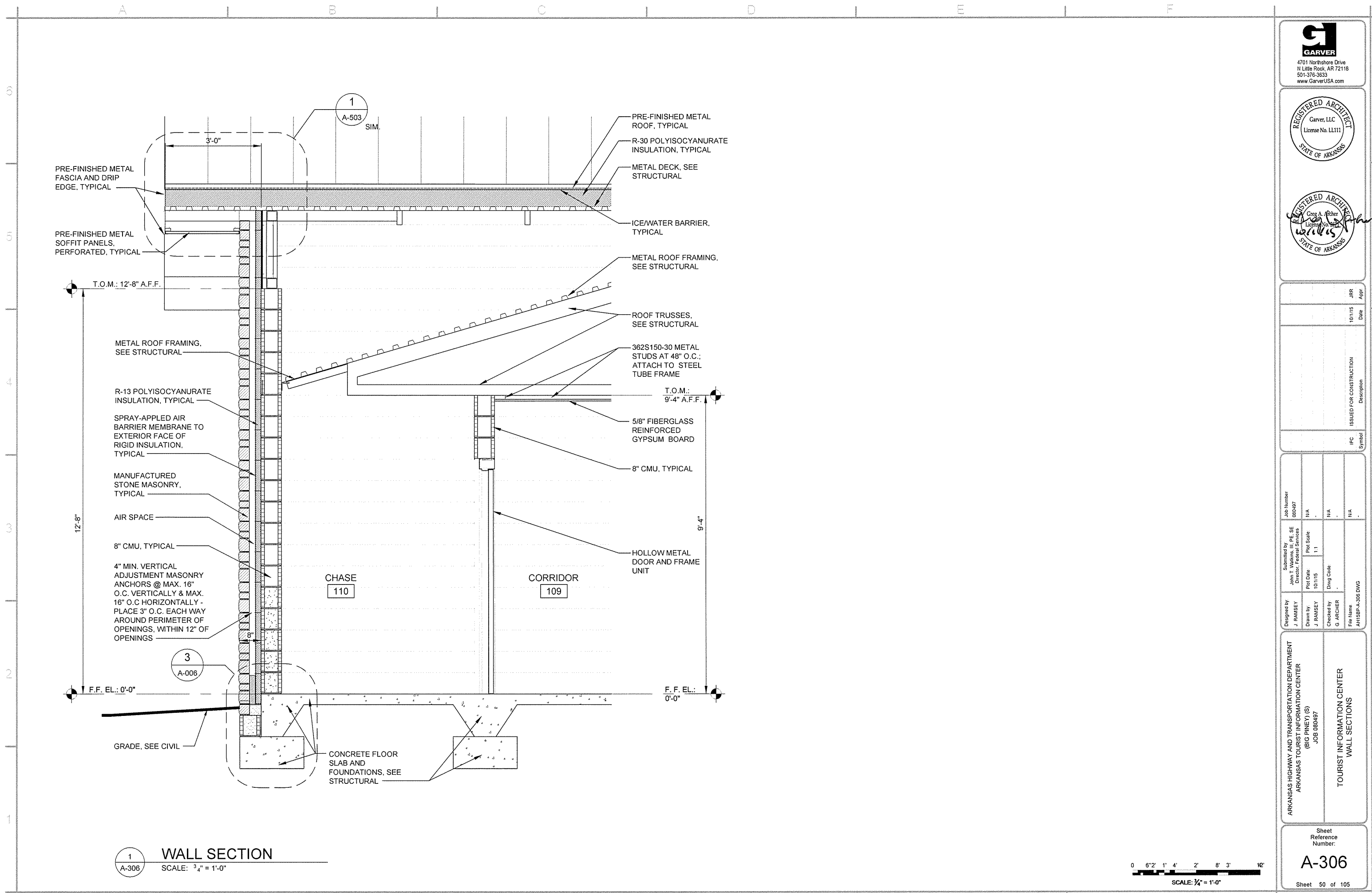
ISSUED FOR CONSTRUCTION
 Description

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
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 JOB 080497

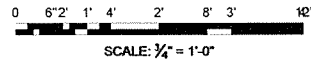
TOURIST INFORMATION CENTER
 WALL SECTIONS


Sheet Reference Number:
A-305

Sheet 49 of 105





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





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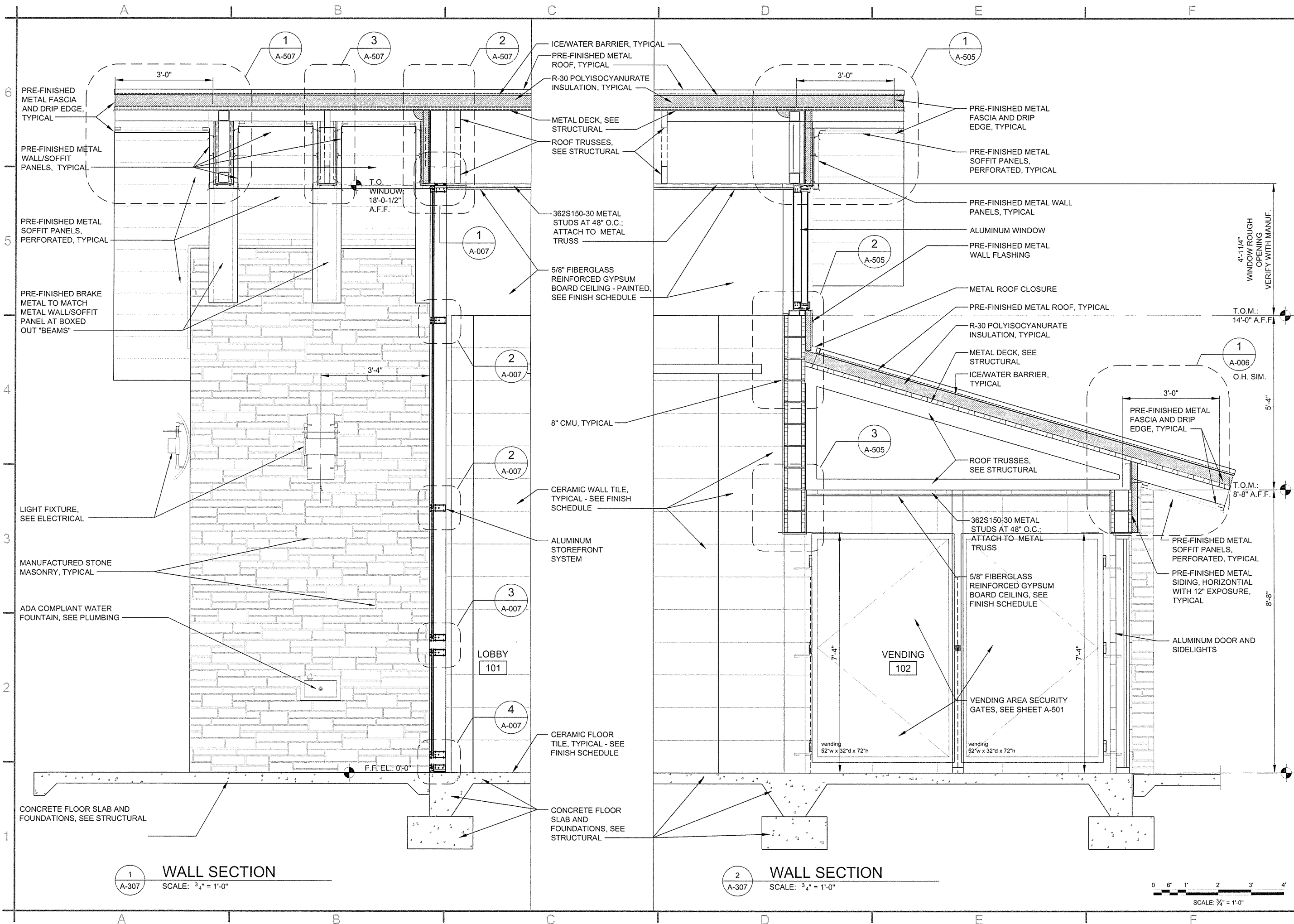
JRR Appr. 10/1/15 Date	ISSUED FOR CONSTRUCTION Description
Job Number 000497	IFC Symbol
Submitted By John T. Vaden, III, PE, SE Director, Federal Services	Job Number 000497
Drawn by J. RAMSEY	Plot Date 10/1/15
Checked by G. ARCHER	Plot Scale 1:1
Designed by J. RAMSEY	Draw Code N/A
File Name AH15BP-A-306 DWG	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

TOURIST INFORMATION CENTER
 WALL SECTIONS

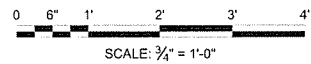
Sheet
 Reference
 Number:
A-306

Sheet 50 of 105



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

2 WALL SECTION
SCALE: 3/4" = 1'-0"



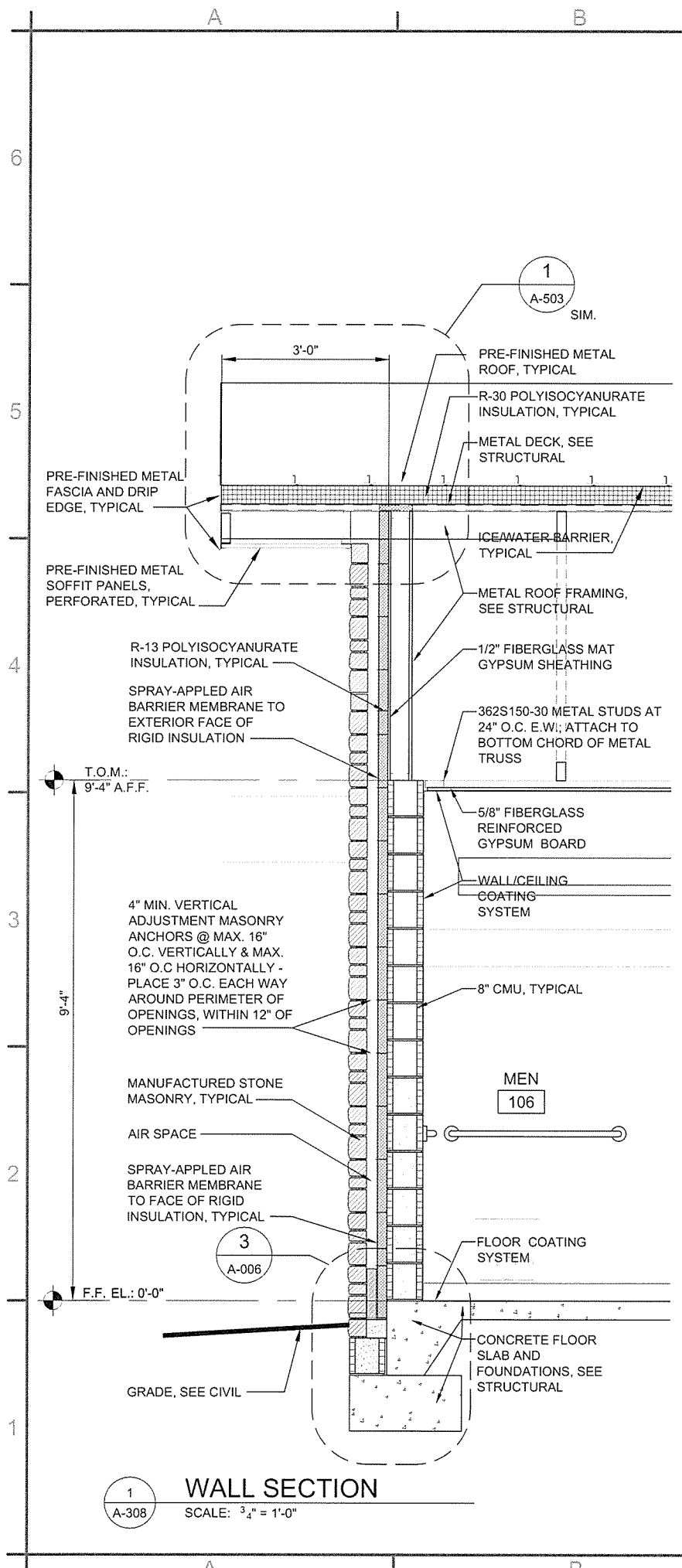
JRR	Appr.
10/11/15	Date

ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

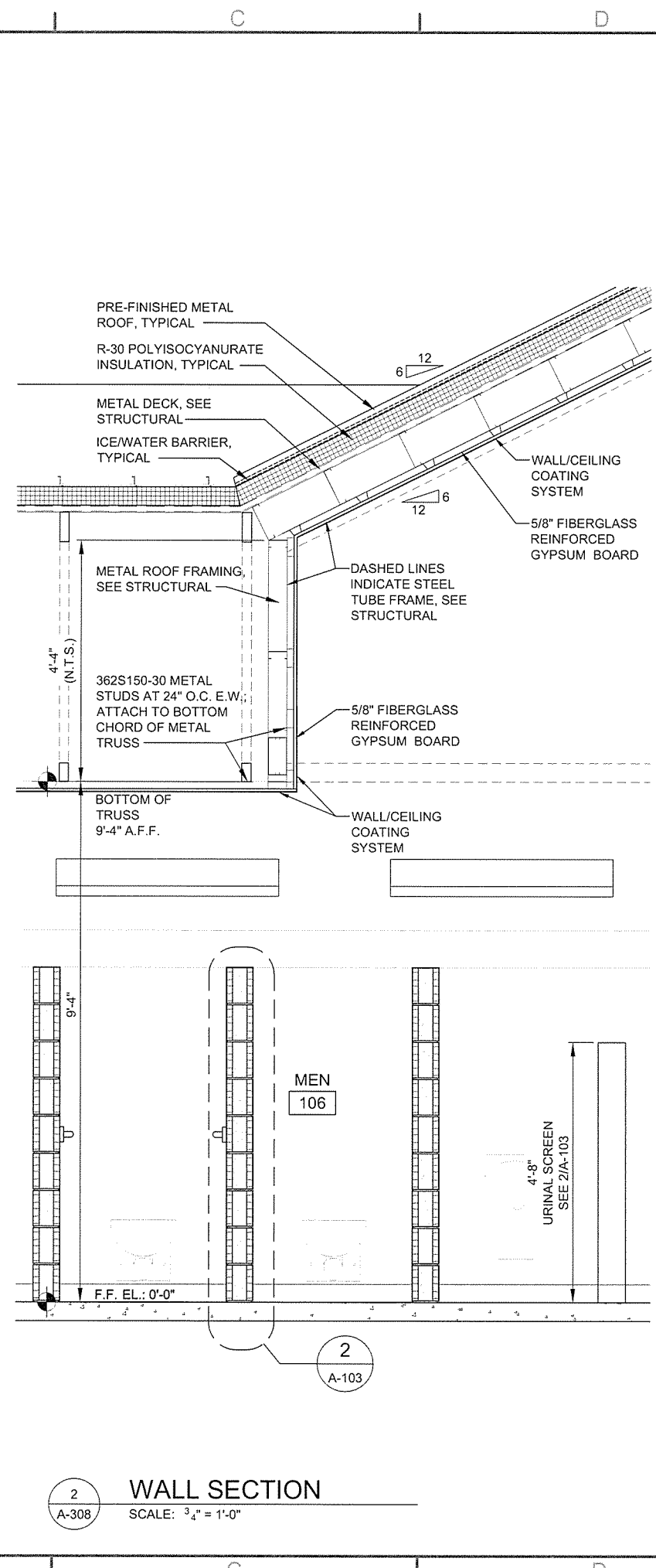
Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Watkins, III, P.E. SE Director, Federal Services	Plot Date	10/27/15	Draw Code:
Designed by	J. RAMSEY	Plot Scale	1:1	
Drawn by	J. RAMSEY	Checked by	G. ARCHER	File Name:
				AH15BP-A-307 DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

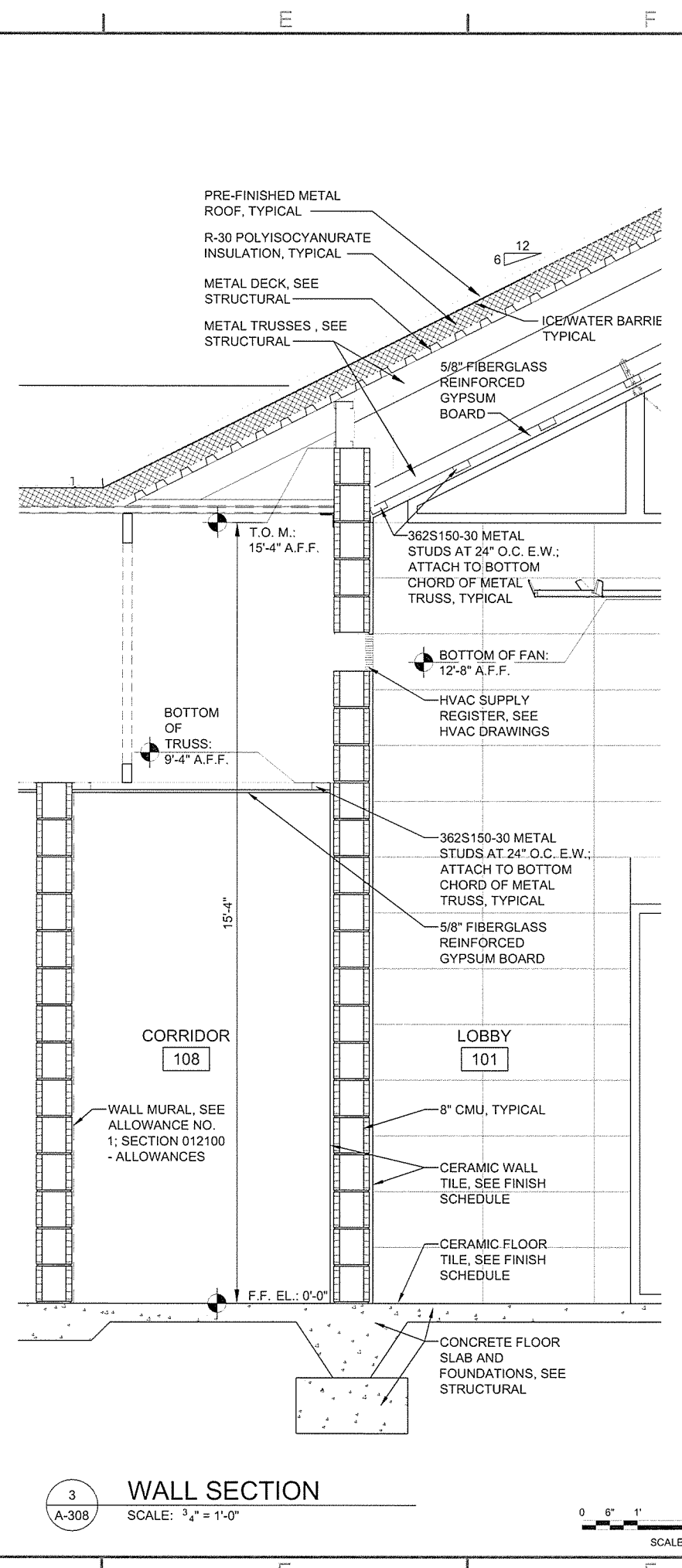
TOURIST INFORMATION CENTER
WALL SECTIONS



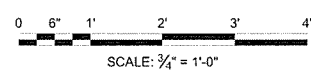
1
 A-308
 WALL SECTION
 SCALE: 3/4" = 1'-0"



2
 A-308
 WALL SECTION
 SCALE: 3/4" = 1'-0"



3
 A-308
 WALL SECTION
 SCALE: 3/4" = 1'-0"

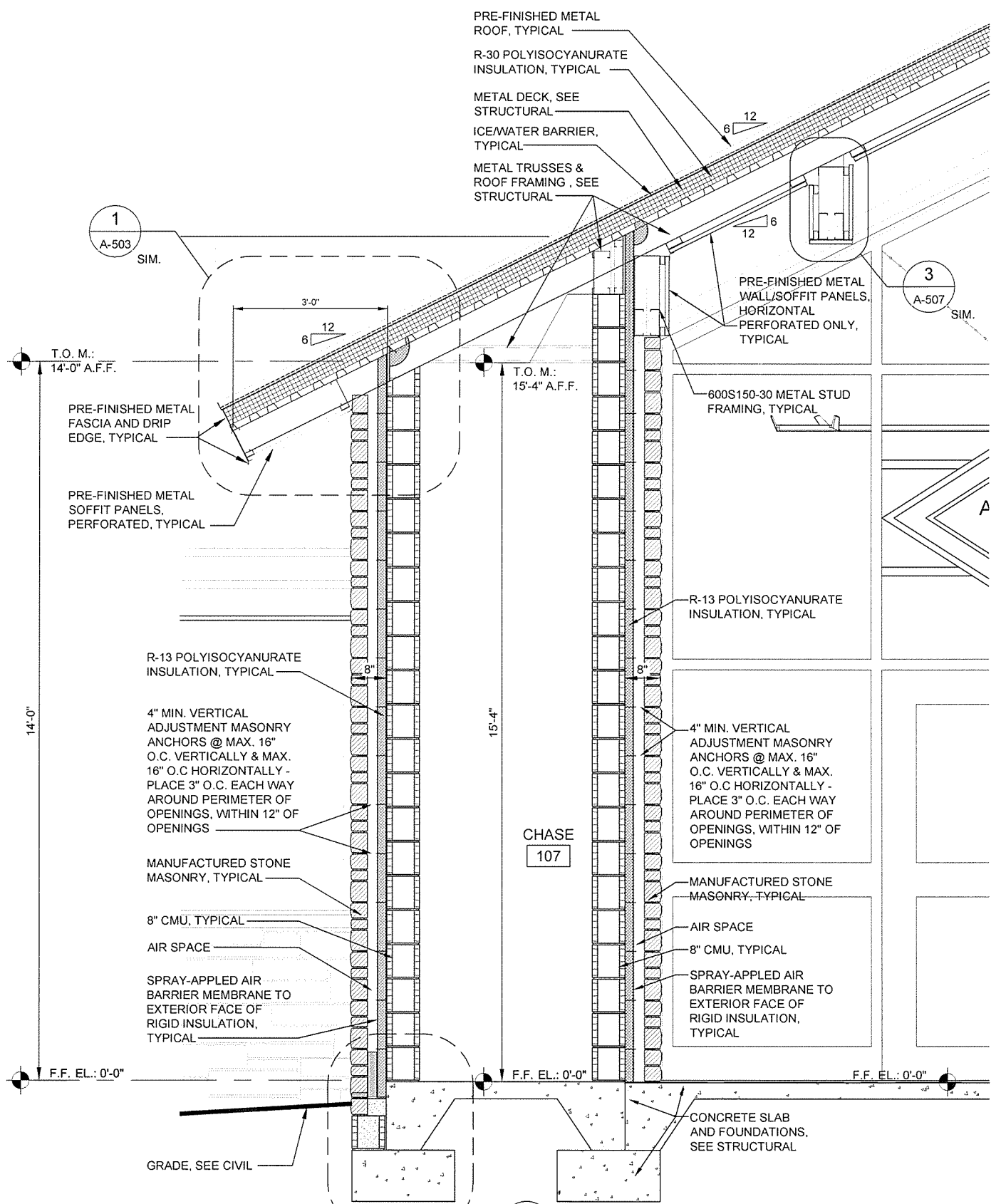


JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

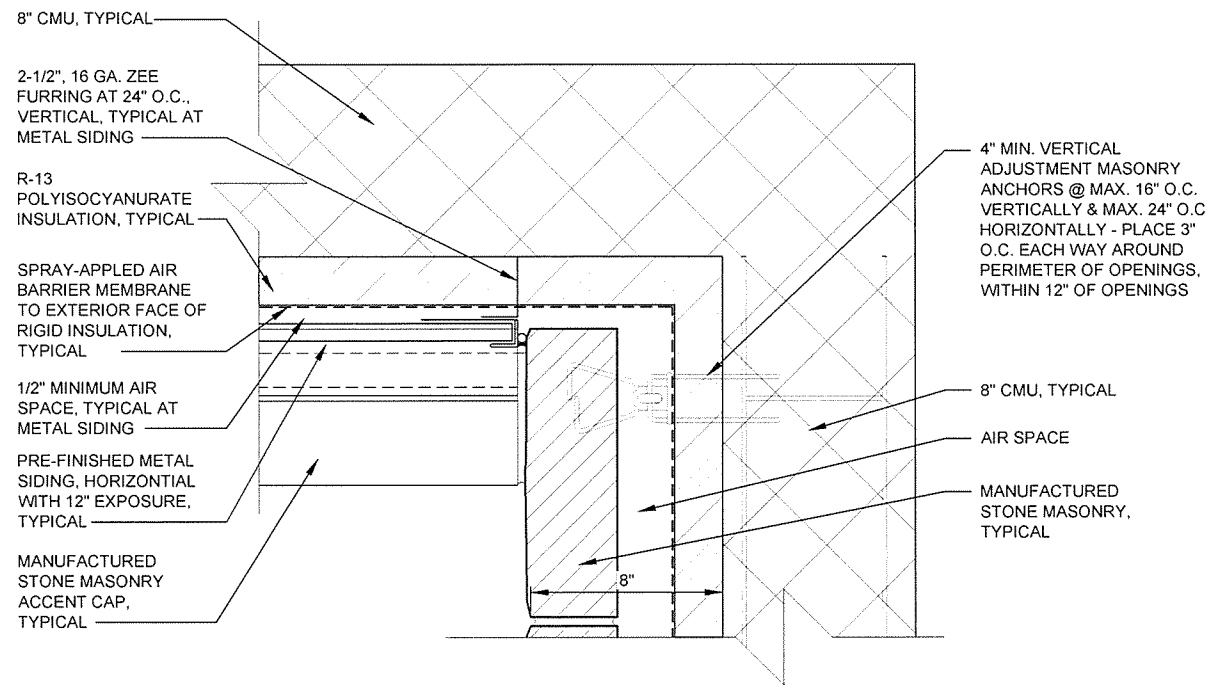
Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Plot Scale	1:1	Divy Code
Designed by	J. RAMSEY	Plot Date	10/1/15	Checked by
Drawn by	J. RAMSEY	Divy Code		G. ARCHER
File Name:	AHSBP-A-309.DWG			

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

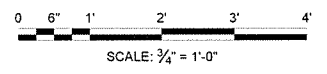
TOURIST INFORMATION CENTER
 WALL SECTIONS

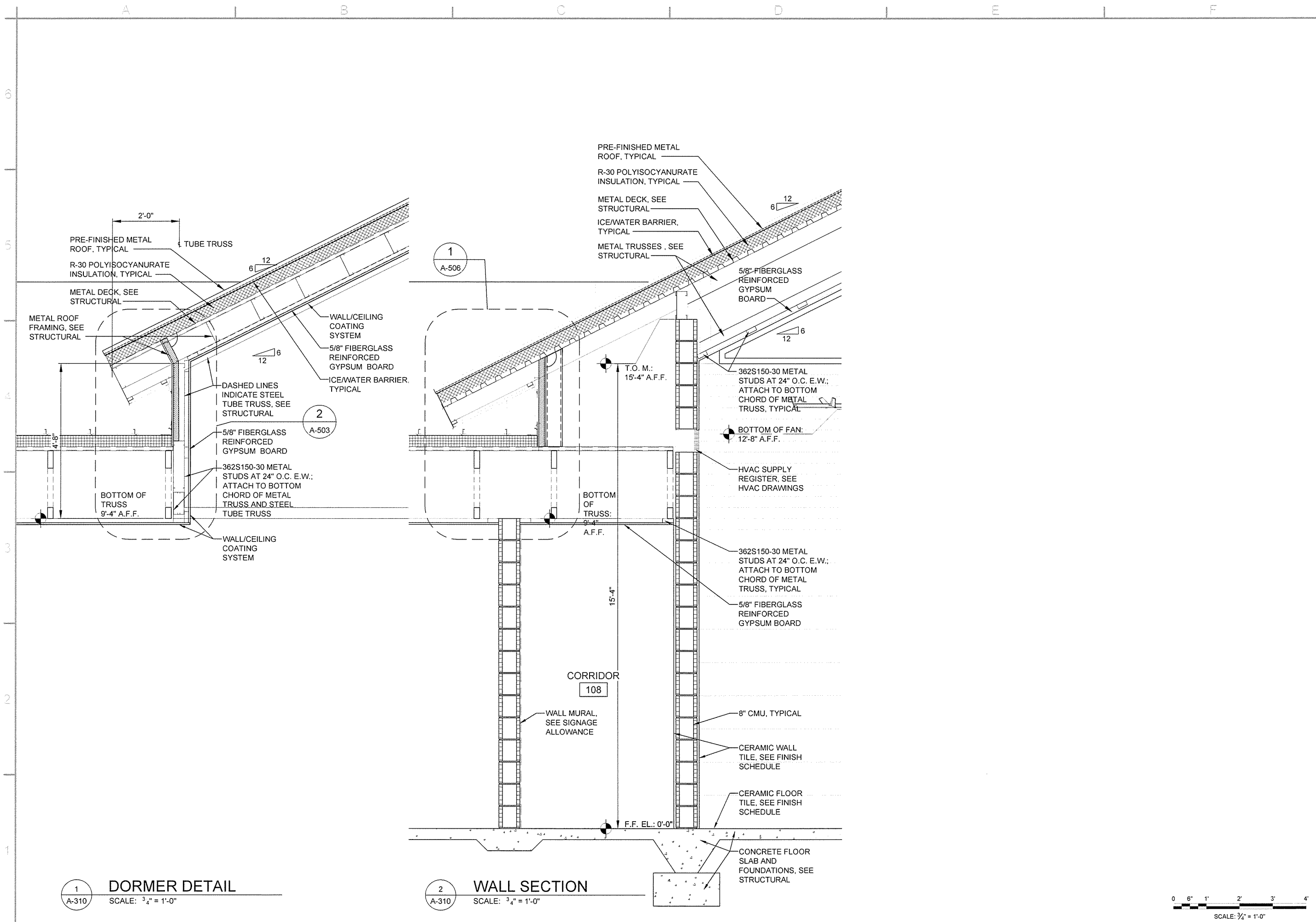


1 WALL SECTION
 SCALE: 3/4" = 1'-0"



2 PLAN DETAIL
 SCALE: 3/4" = 1'-0"





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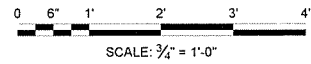
REGISTERED ARCHITECT
Greg Archer
License No. 2671
STATE OF ARKANSAS

Job Number	000497
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services
Drawn by	J. RAMSEY
Checked by	G. ARCHER
Plot Date	10/1/15
Plot Scale	1:1
Drwg Code	
IFC Symbol	
ISSUED FOR CONSTRUCTION	

Desiged by	J. RAMSEY
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services
Drawn by	J. RAMSEY
Checked by	G. ARCHER
Plot Date	10/1/15
Plot Scale	1:1
Drwg Code	
File Name	AH15BP-A-310 DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 000497
TOURIST INFORMATION CENTER
WALL SECTIONS

Sheet Reference Number:
A-310
Sheet 54 of 105



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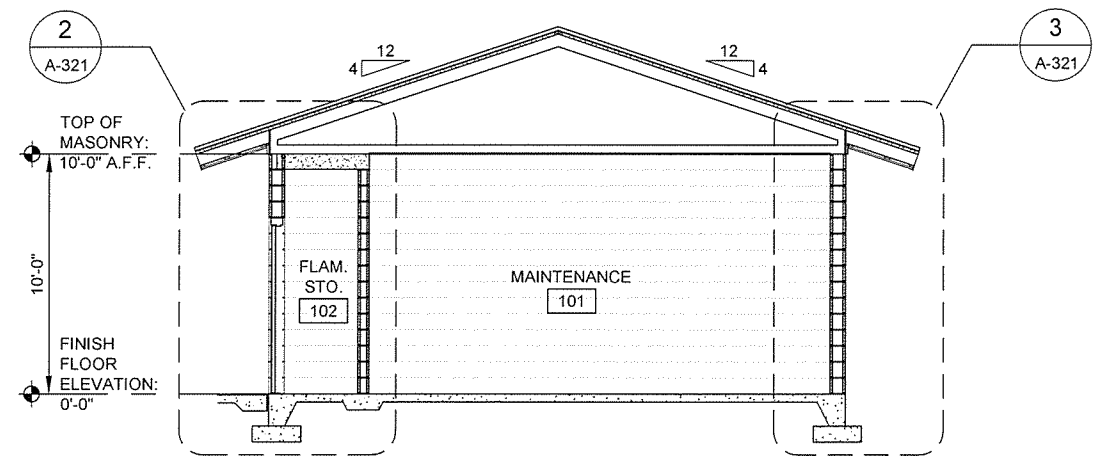
REGISTERED ARCHITECT
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REGISTERED ARCHITECT
 G. Archer
 License No. 2271
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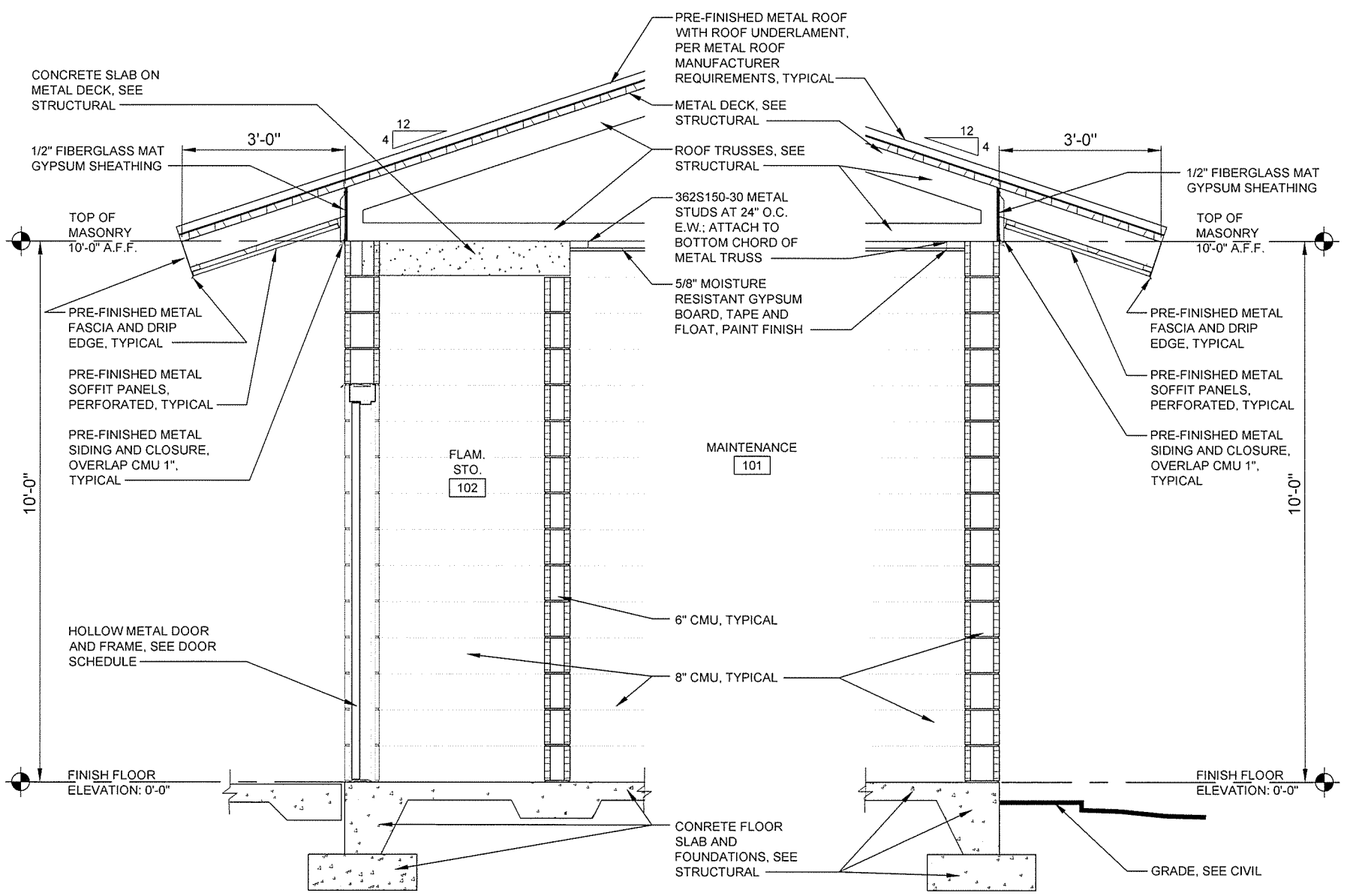
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Submitted by	John T. Watkins, III, P.E., SE Director, Federal Services
Designed by	J. Ramsey
Drawn by	J. Ramsey
Checked by	G. Archer
Plot Date	10/1/15
Plot Scale	1:1
Dwg Code	
File Name	AH15BP-A-321 DWG
IFC Symbol	
Issued For Construction	
Date	10/1/15
Appr.	JRR

Arkansas Highway and Transportation Department	Arkansas Tourist Information Center
(BIG PINEY) (S)	JOB 080497
MAINTENANCE BUILDING SECTION	

Arkansas Highway and Transportation Department
 Arkansas Tourist Information Center
 (BIG PINEY) (S)
 JOB 080497
 MAINTENANCE BUILDING SECTION

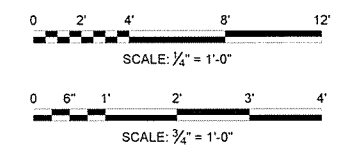


1 BUILDING SECTION
 A-321 SCALE: 1/4" = 1'-0"



2 WALL SECTION
 A-321 SCALE: 3/4" = 1'-0"

3 WALL SECTION
 A-321 SCALE: 3/4" = 1'-0"



A B C D E F

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 G. Archer
 License No. 2071
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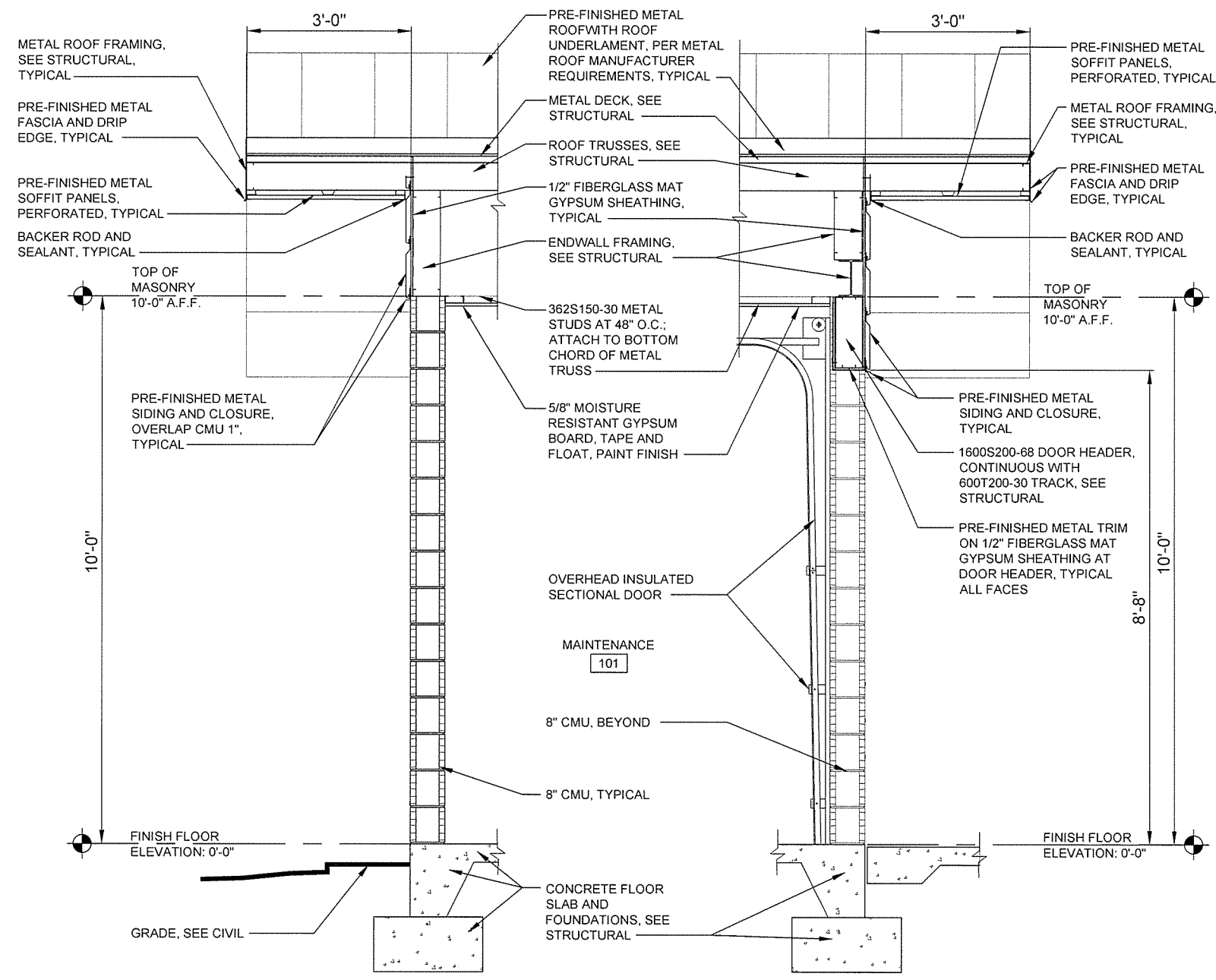
Job Number	080497
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services
Drawn by	J. RAMSEY
Checked by	G. ARCHER
Job Date	10/1/15
Plot Date	10/1/15
Plot Scale	1:1
Drwg Code	
File Name	AH15BP-A-322 DWG
IFC Symbol	
Issued For Construction	
Date	10/1/15
Appr	JRR

Arkansas Highway and Transportation Department	Arkansas Tourist Information Center
(Big Piney) (S)	Job 080497
Maintenance Building	Wall Sections

Arkansas Highway and Transportation Department
 Arkansas Tourist Information Center
 (Big Piney) (S)
 Job 080497

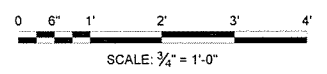
Maintenance Building
 Wall Sections

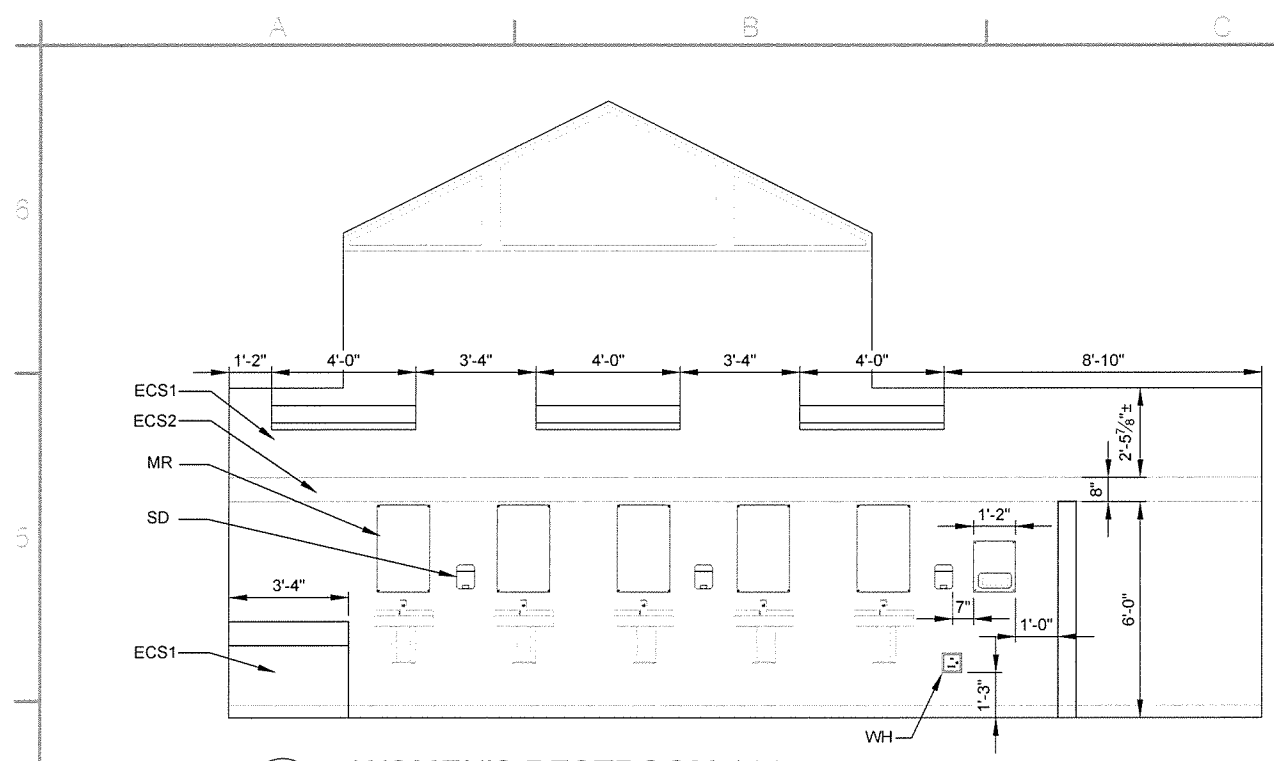
Sheet Reference Number:
A-322
 Sheet 56 of 105



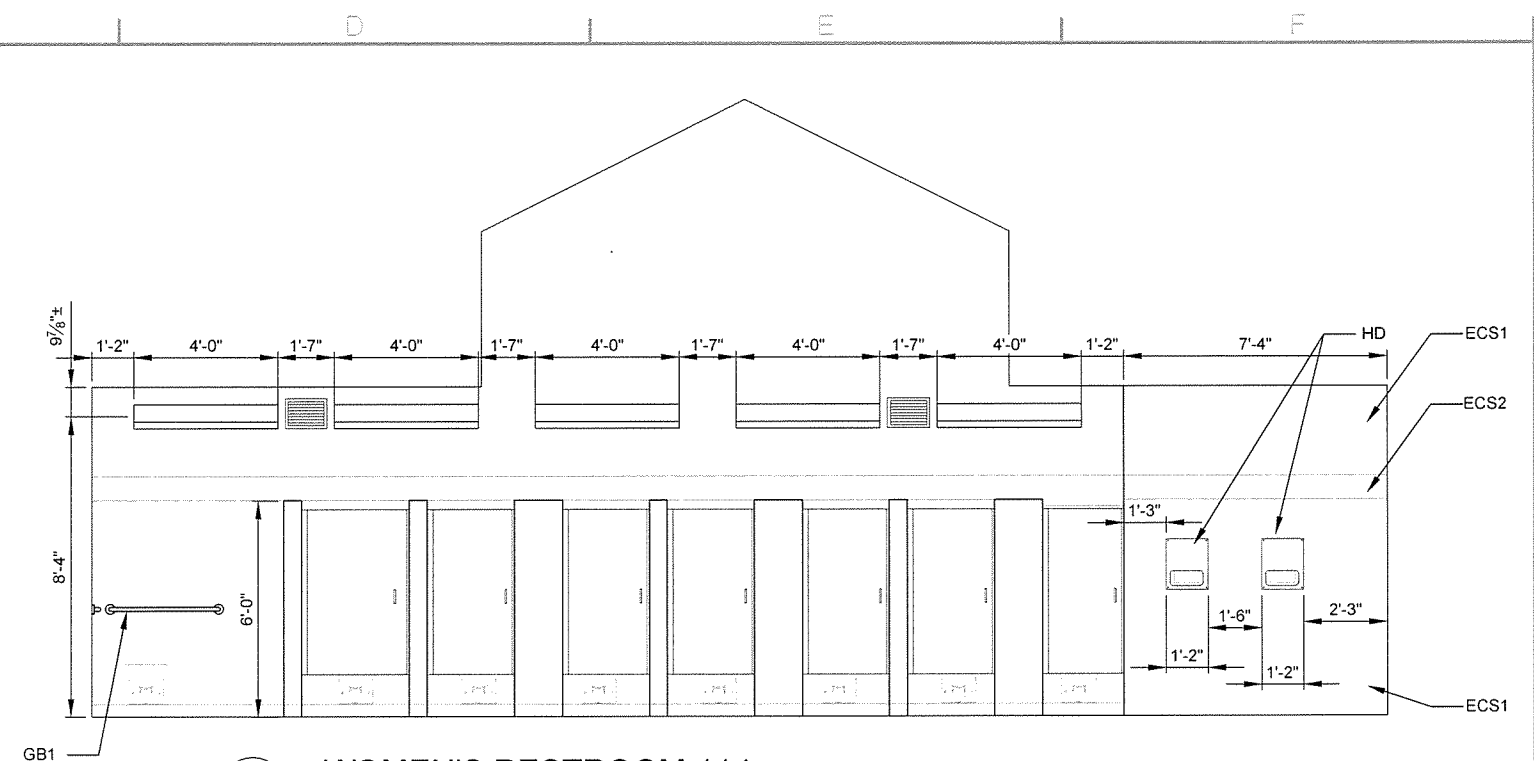
1 WALL SECTION
 SCALE: 3/4" = 1'-0"

2 WALL SECTION
 SCALE: 3/4" = 1'-0"

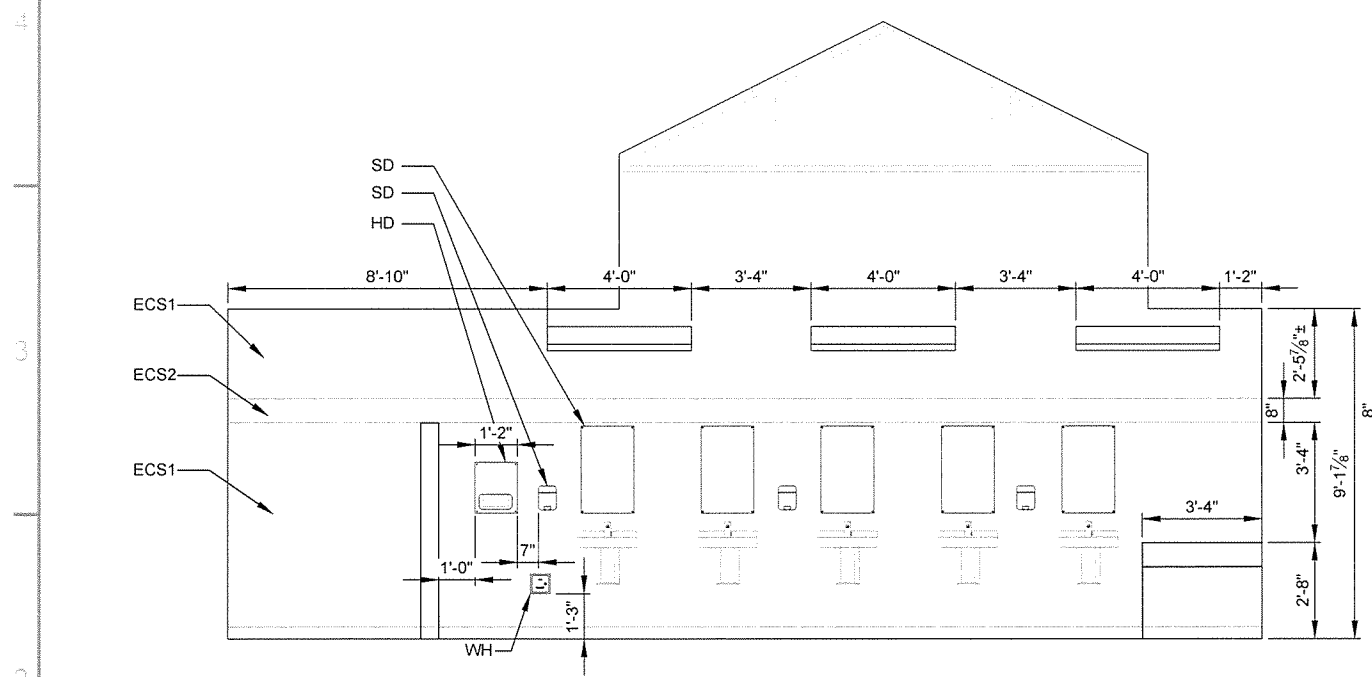




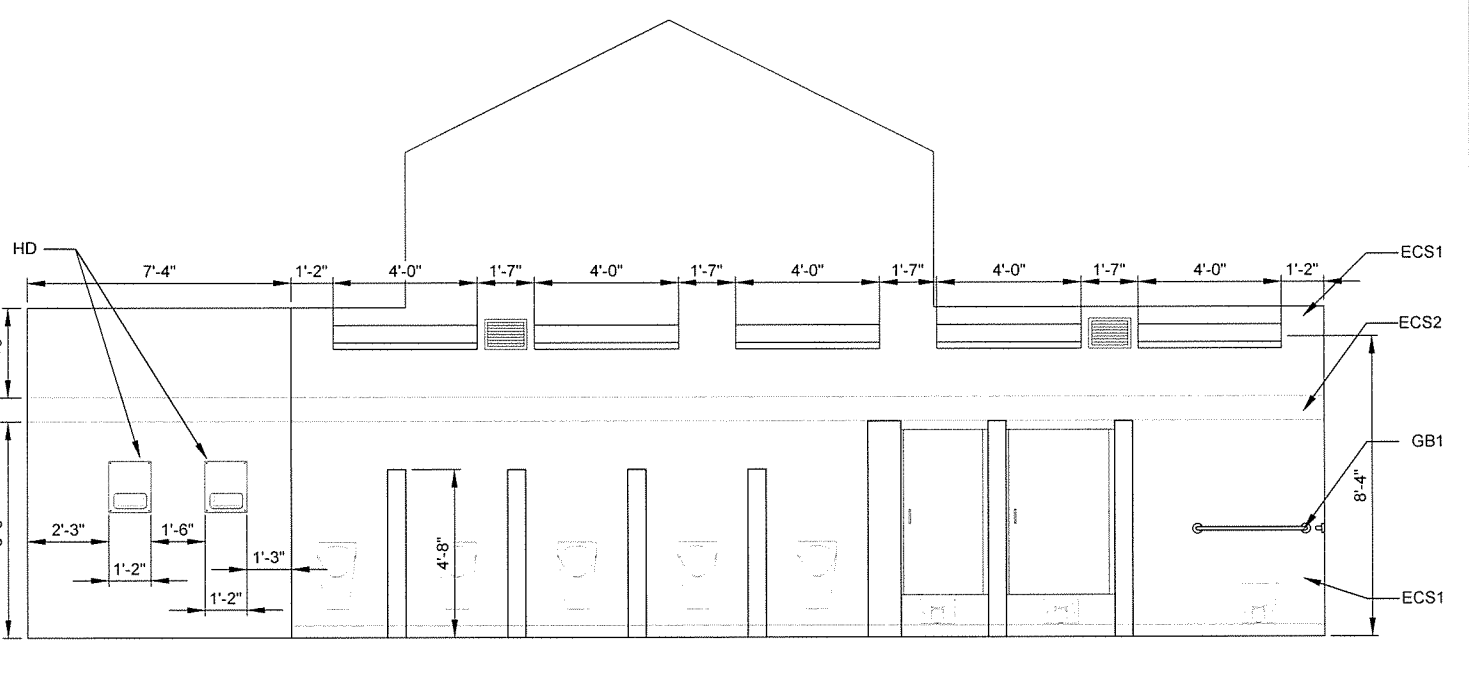
1 WOMEN'S RESTROOM 114
 A-401 SCALE: 3/8" = 1'-0"



3 WOMEN'S RESTROOM 114
 A-401 SCALE: 3/8" = 1'-0"

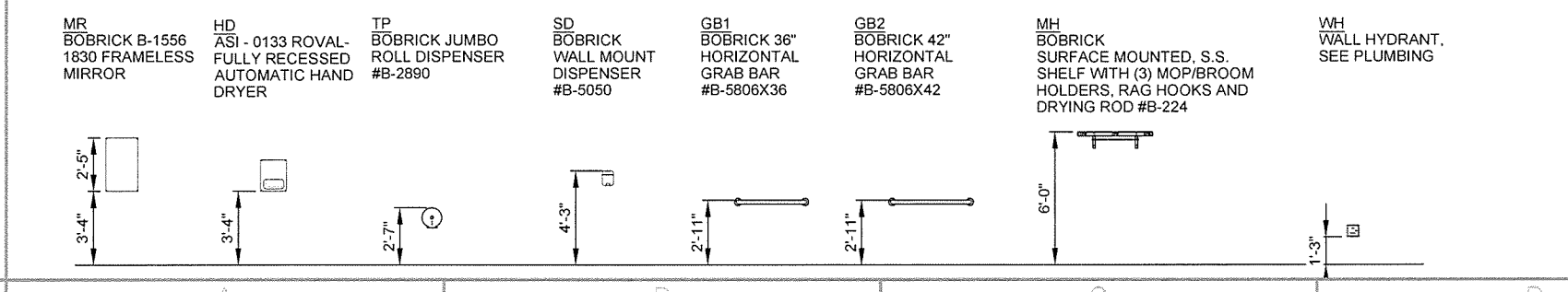


2 MEN'S RESTROOM 111
 A-401 SCALE: 3/8" = 1'-0"



4 MEN'S RESTROOM 111
 A-401 SCALE: 3/8" = 1'-0"

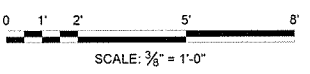
MOUNTING HEIGHTS

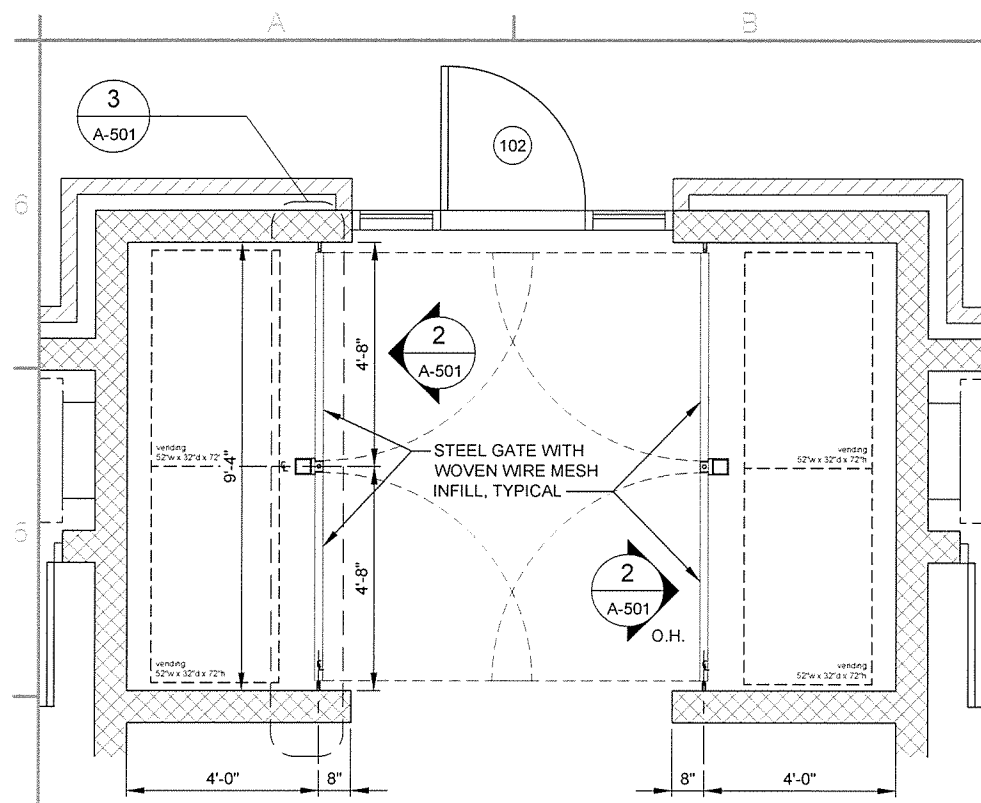


GENERAL NOTES

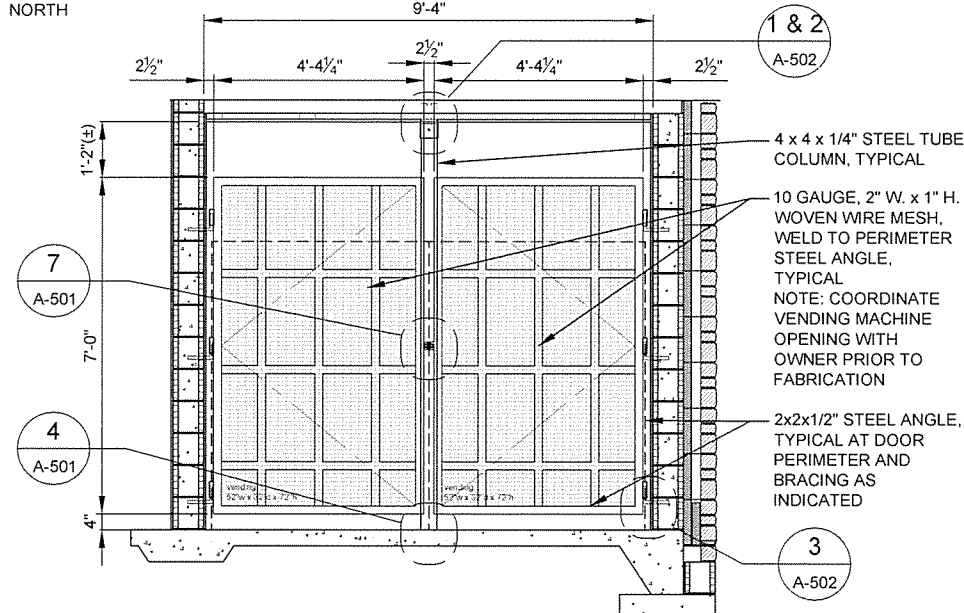
- SEE SHEET A-103 FOR ADDITIONAL DIMENSIONS
- ECS1, ECS2 & ECS3; SEE ALLOWANCE NO. 3; SECTION 012100 - ALLOWANCES
- SEE SHEET A-103 FOR CMU TOILET PARTITION AND PARTITION DOOR DETAILS
- CENTER MIRRORS OVER LAVATORIES, TYPICAL
- CENTER SOAP DISPENSERS BETWEEN MIRRORS

LEGEND

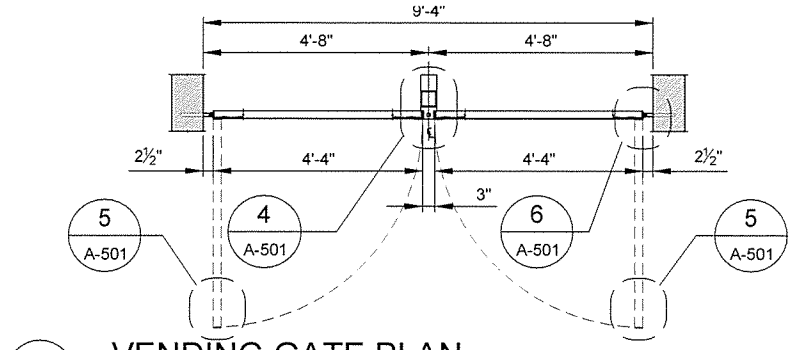




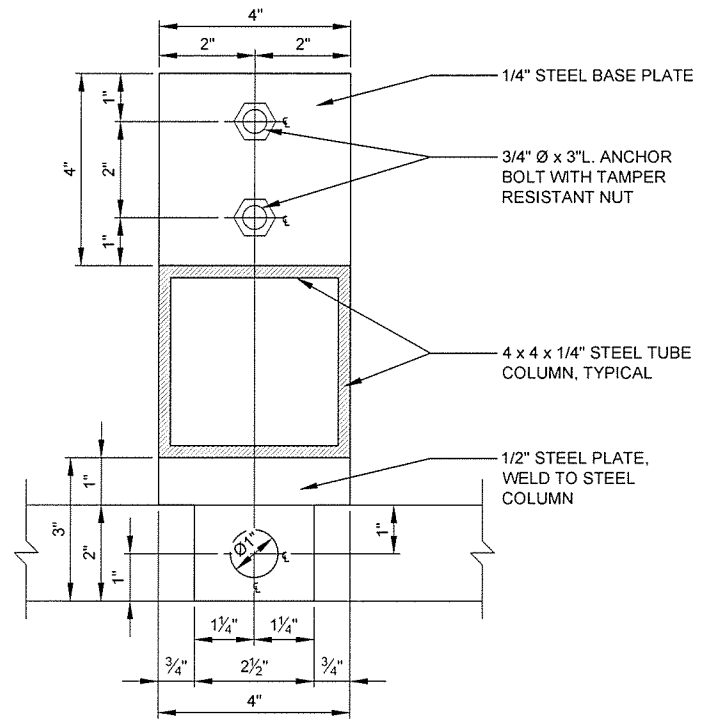
1 ENLARGED VENDING AREA PLAN
 A-501 SCALE: 1/2" = 1'-0"
 PLAN NORTH



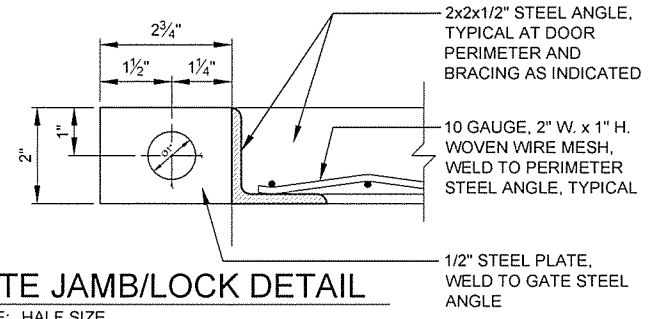
2 VENDING GATE ELEVATION
 A-501 SCALE: 1/2" = 1'-0"



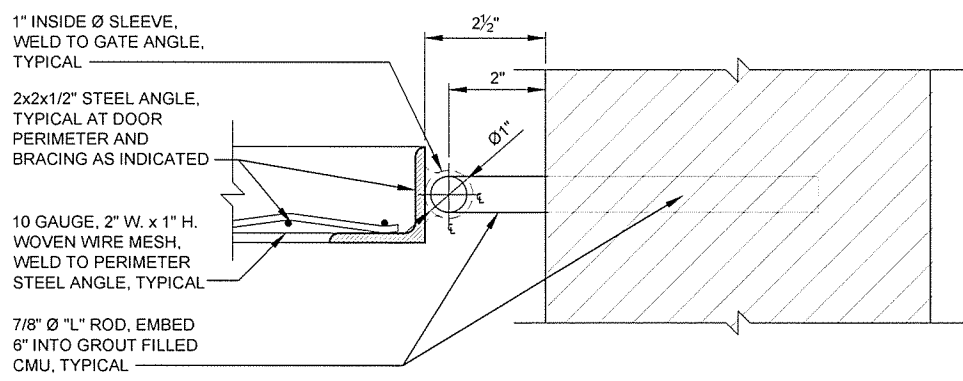
3 VENDING GATE PLAN
 A-501 SCALE: 1/2" = 1'-0"



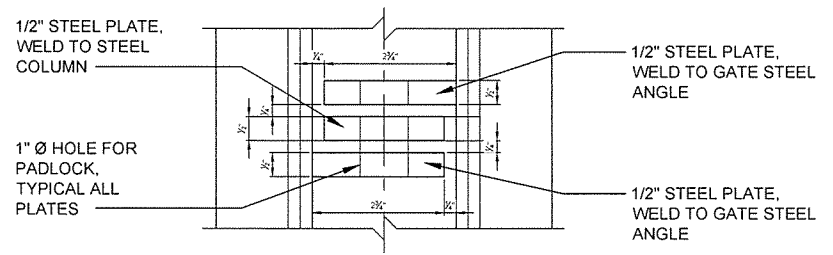
4 REMOVABLE JAMB
 A-501 SCALE: HALF SIZE



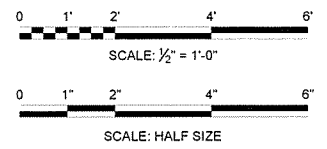
5 GATE JAMB/LOCK DETAIL
 A-501 SCALE: HALF SIZE



6 GATE PIVOT DETAIL
 A-501 SCALE: HALF SIZE



7 PADLOCK DETAIL
 A-501 SCALE: HALF SIZE



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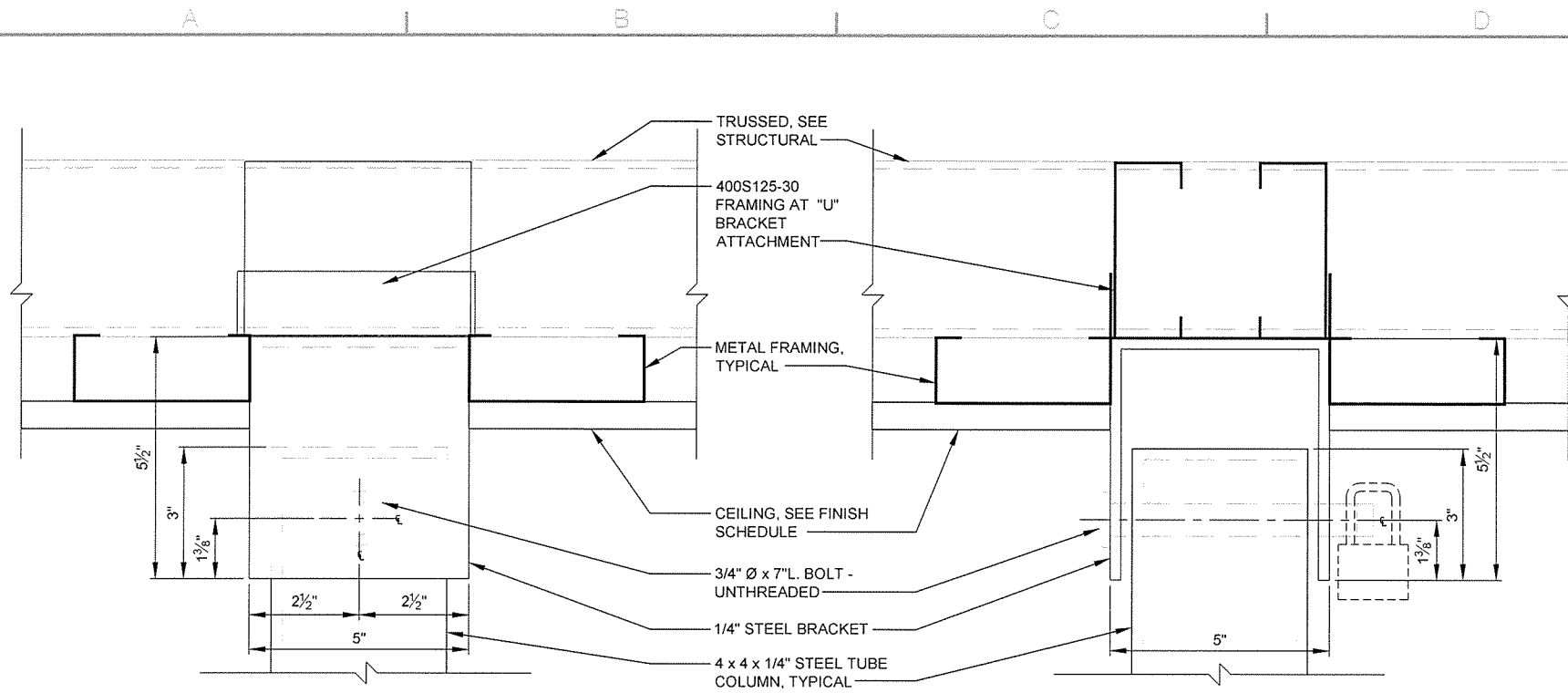
REGISTERED ARCHITECT
 Garver, LLC
 License No. LL111
 STATE OF ARKANSAS

REGISTERED ARCHITECT
 Greg A. Archer
 License No. 2871
 STATE OF ARKANSAS

Job Number	080497	JRR	Appr.
Submitted by	John T. Watkins, III, PE, SE	10/1/15	Date
Director, Federal Services			
Plot Date	10/1/15		
Plot Scale	1:1		
Drawn by	J. RAMSEY		
Checked by	G. ARCHER		
File Name:	AH15BP-A-501.DWG		
Issued For Construction			
IPC Symbol			

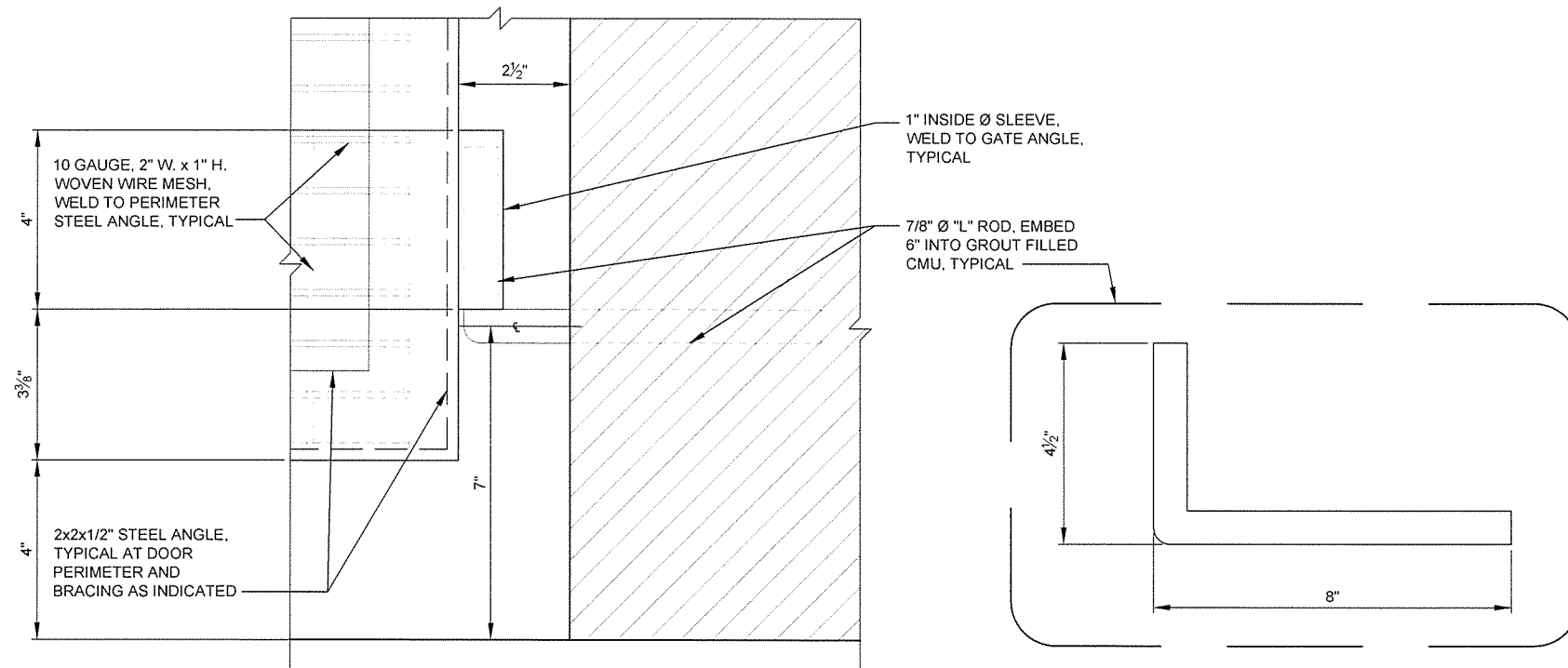
Arkansas Highway and Transportation Department	Arkansas Tourist Information Center
(BIG PINEY) (S)	JOB 080497
TOURIST INFORMATION CENTER DETAILS	

Arkansas Highway and Transportation Department
 Arkansas Tourist Information Center
 (BIG PINEY) (S)
 JOB 080497
 TOURIST INFORMATION CENTER
 DETAILS



1 COLUMN HEAD DETAIL - FRONT
SCALE: HALF SIZE

2 COLUMN HEAD DETAIL - SIDE
SCALE: HALF SIZE



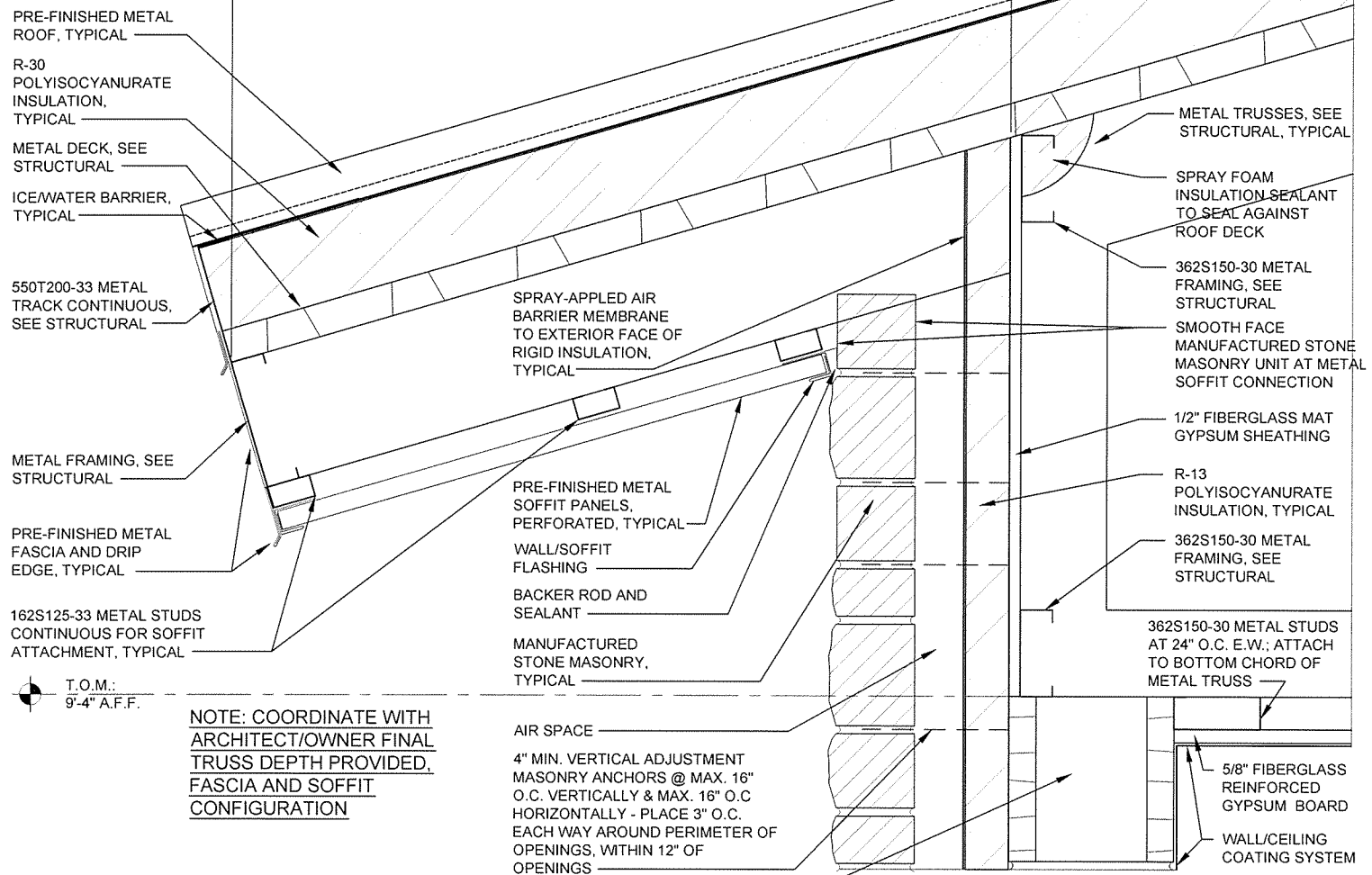
3 GATE PIVOT DETAIL
SCALE: HALF SIZE



ISSUED FOR CONSTRUCTION	IFC Symbol
Date: 10/1/15	Appr. JRR
Description:	

Designed by: J. RAMSEY	Submitted by: John T. Walkurs, III, P.E., SE Director, Federal Services	Job Number: 060497
Drawn by: J. RAMSEY	Plot Date: 10/1/15	Plot Scale: 1:1
Checked by: G. ARCHER	Drug Code:	N/A
File Name: AH15BP-A-502.DWG		N/A

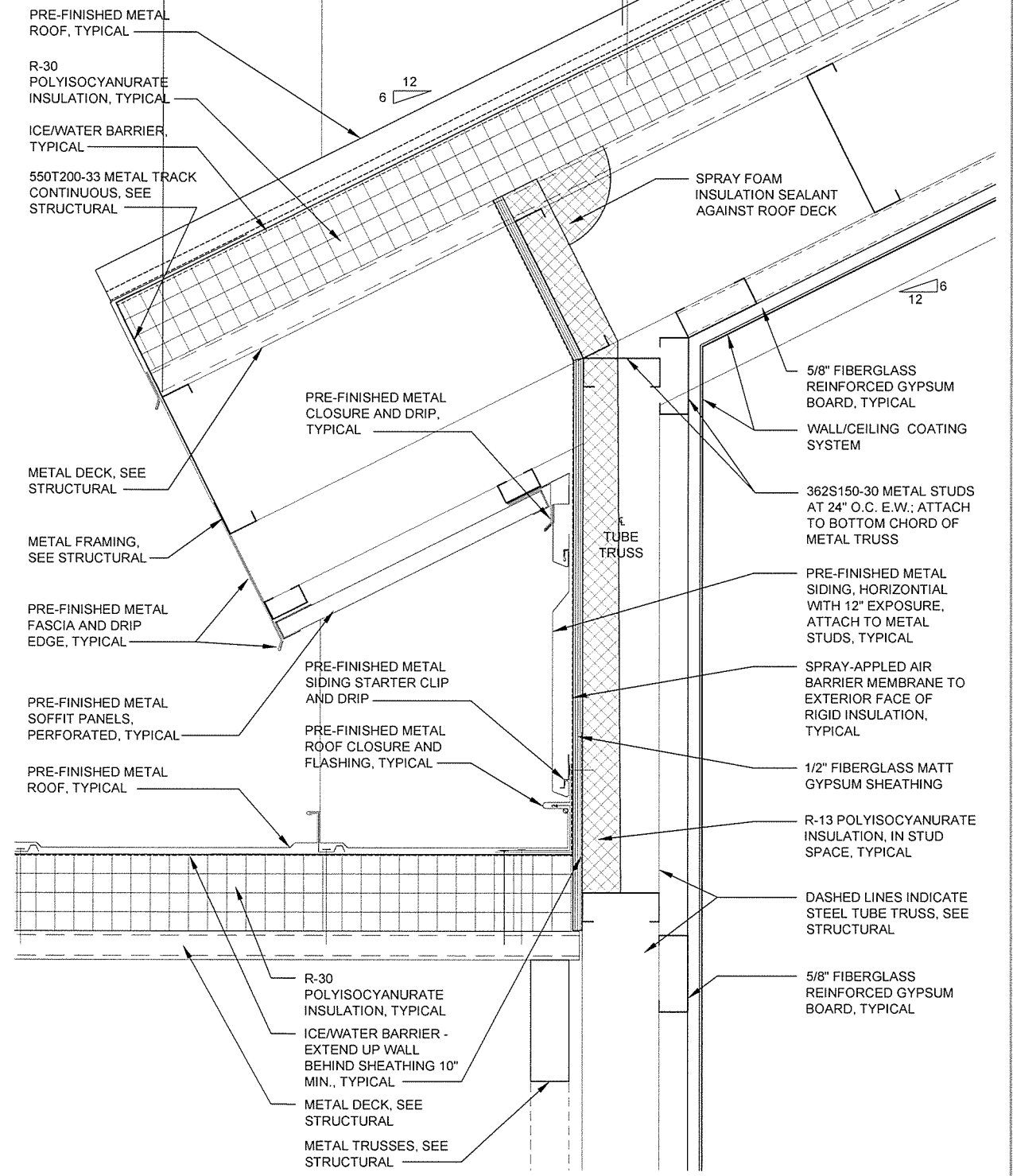
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 060497
 TOURIST INFORMATION CENTER
 DETAILS



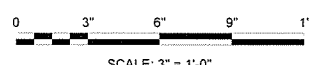
NOTE: COORDINATE WITH ARCHITECT/OWNER FINAL TRUSS DEPTH PROVIDED, FASCIA AND SOFFIT CONFIGURATION

T.O.M.: 9'-4" A.F.F.

1 ROOF OVERHANG DETAIL SCALE: 3" = 1'-0"



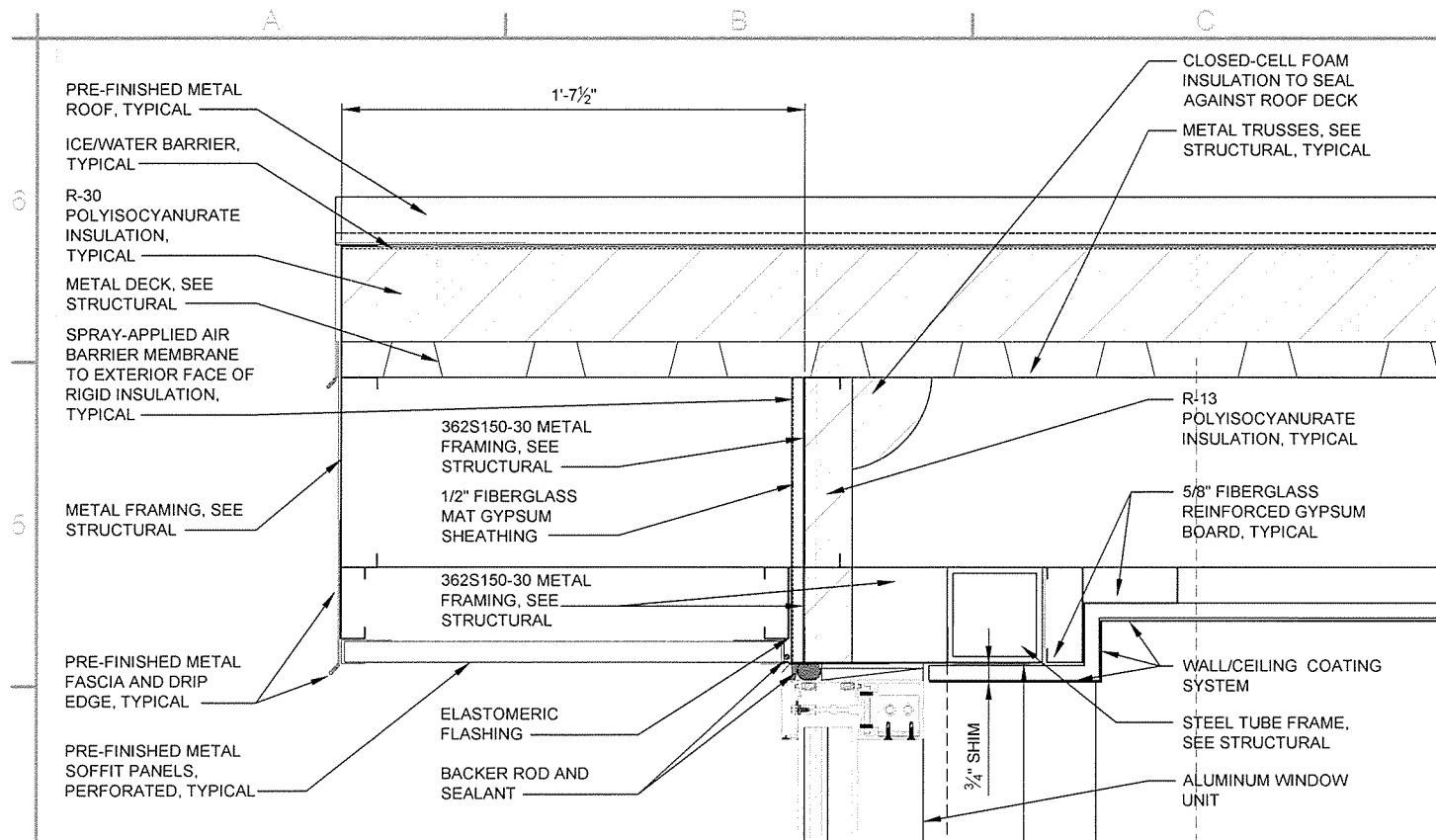
2 DORMER OVERHANG DETAIL SCALE: 3" = 1'-0"



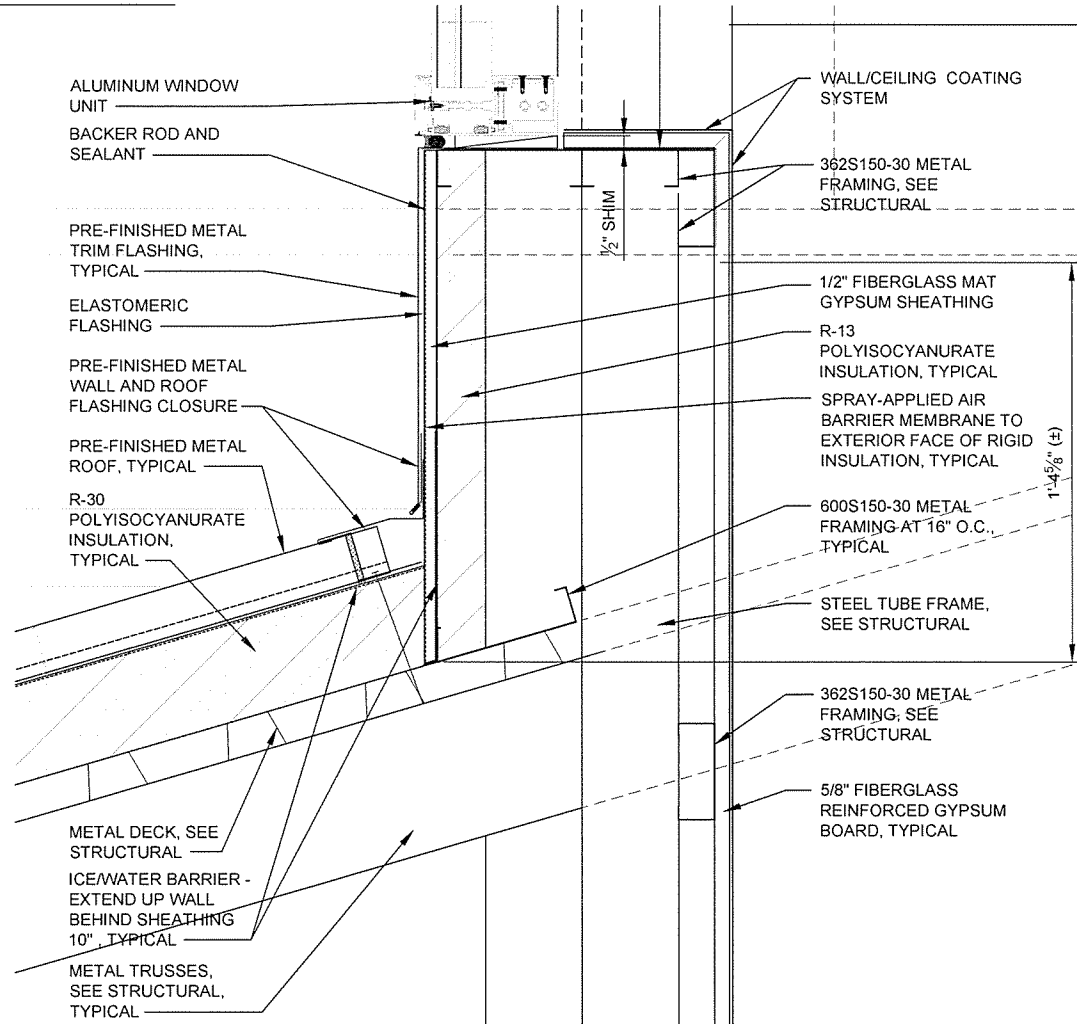
Job Number	080497	Job Title	N/A	Job Date	10/1/15	Job Code	N/A
Submitted by	John T. Walker, III, PE, SE Director, Federal Services	Plot Scale	1:1	Plot Date	10/1/15	Checked by	G. ARCHER
Designed by	J. RAMSEY	Drawn by	J. RAMSEY	File Name	AH15BP-A-503.DWG	Issued For Construction	IFC
Job Number	080497	Job Title	N/A	Job Date	10/1/15	Job Code	N/A
Submitted by	John T. Walker, III, PE, SE Director, Federal Services	Plot Scale	1:1	Plot Date	10/1/15	Checked by	G. ARCHER
Designed by	J. RAMSEY	Drawn by	J. RAMSEY	File Name	AH15BP-A-503.DWG	Issued For Construction	IFC

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
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 JOB 080497

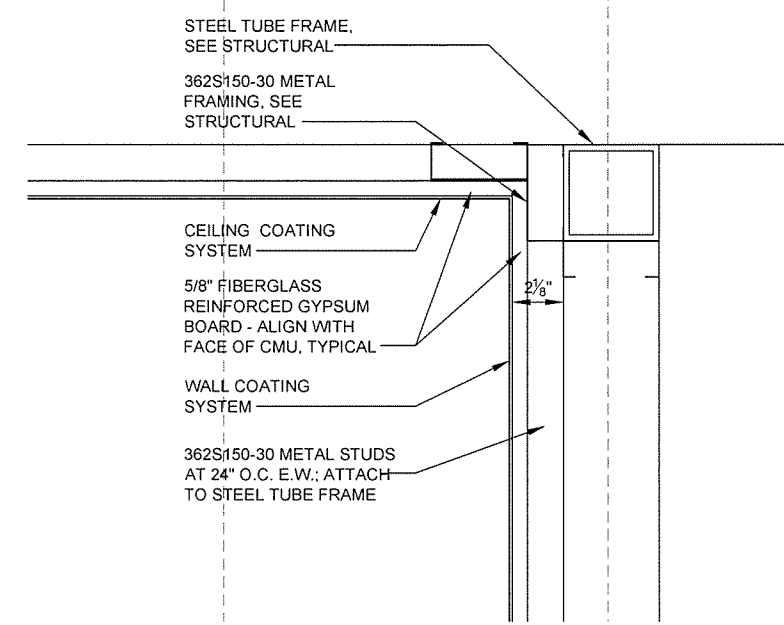
TOURIST INFORMATION CENTER
 DETAILS



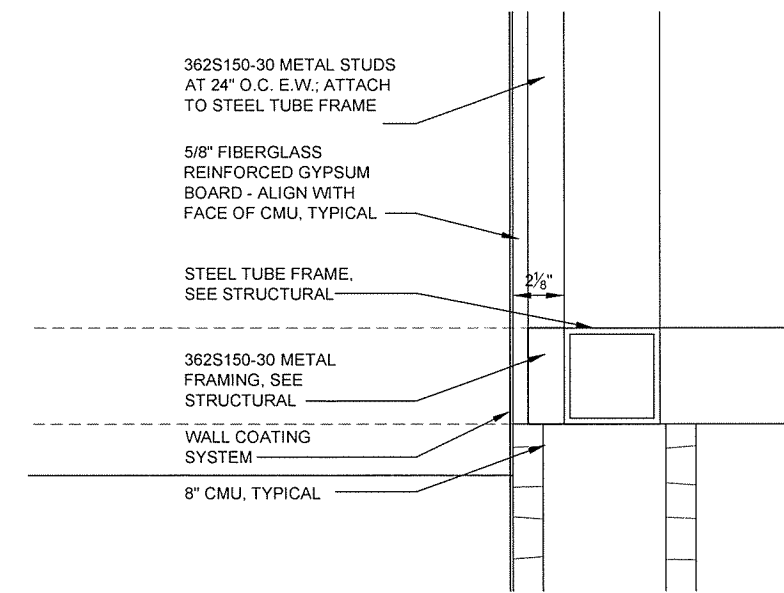
1 DORMER OVERHANG
A-504 SCALE: 3" = 1'-0"



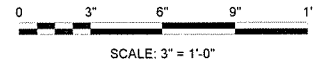
2 DORMER ROOF
A-504 SCALE: 3" = 1'-0"



3 CEILING/WALL DETAIL
A-504 SCALE: 3" = 1'-0"



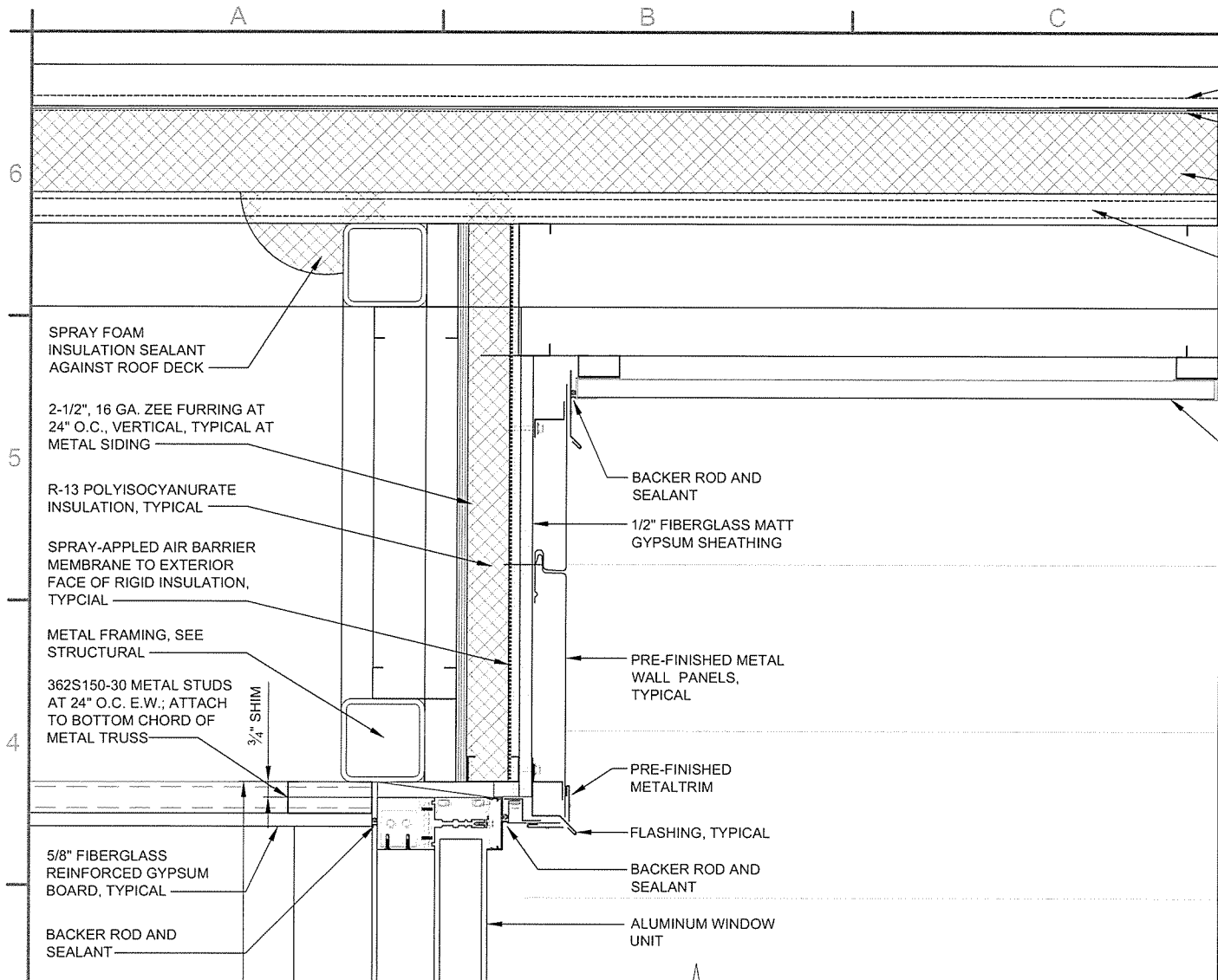
4 WALL/METAL FRAMING DETAIL
A-504 SCALE: 3" = 1'-0"



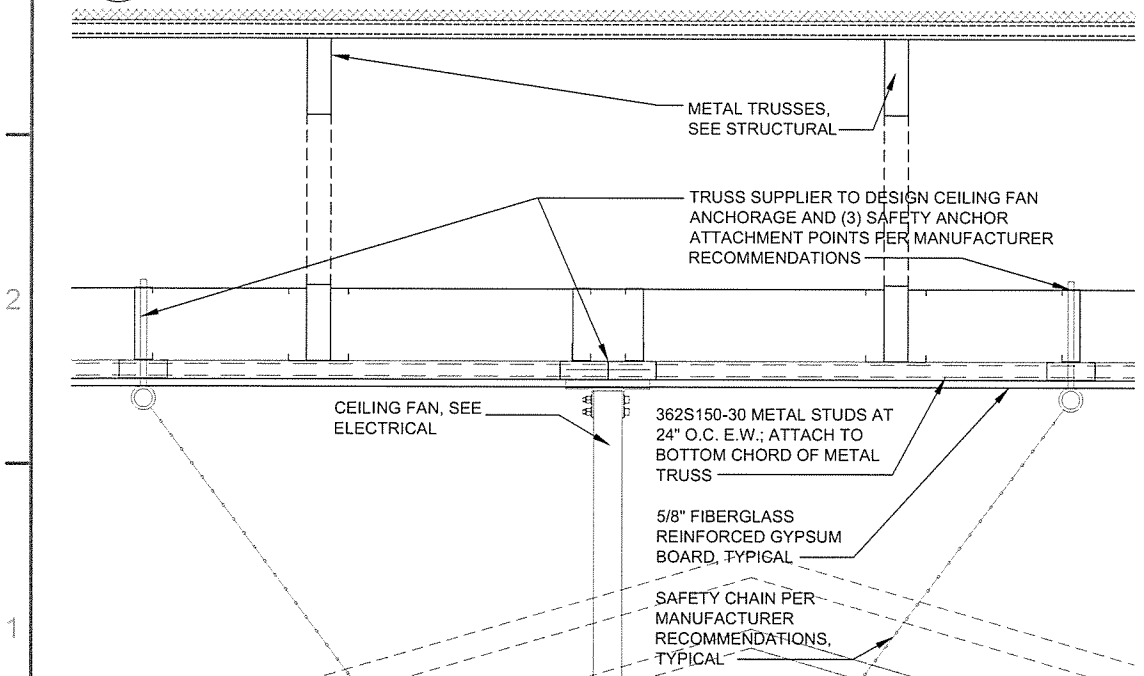
Job Number	080497	Job Title	N/A	Job Date	N/A
Submitted by	John T. Watkins, III, P.E., SE Director, Federal Services	Plot Date	10/11/15	Plot Scale	1:1
Designed by	J. RAMSEY	Checked by	G. ARCHER	Drwg Code	
Drawn by	J. RAMSEY	File Name	AHS15BP-A-504 DWG		
Issued For Construction		Date	10/11/15	Appr.	JRR
IPC Symbol					

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
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JOB 080497

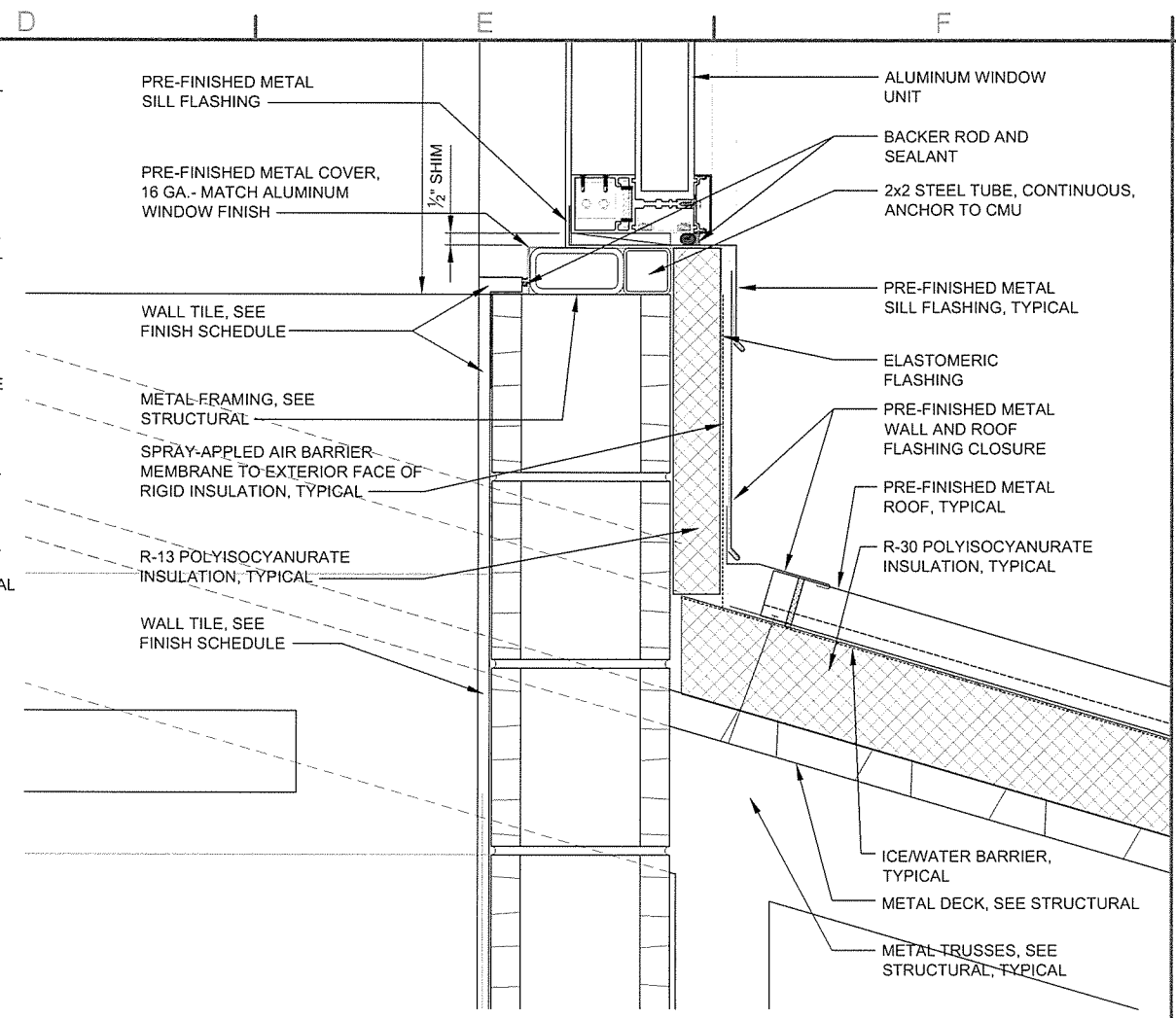
TOURIST INFORMATION CENTER
DETAILS



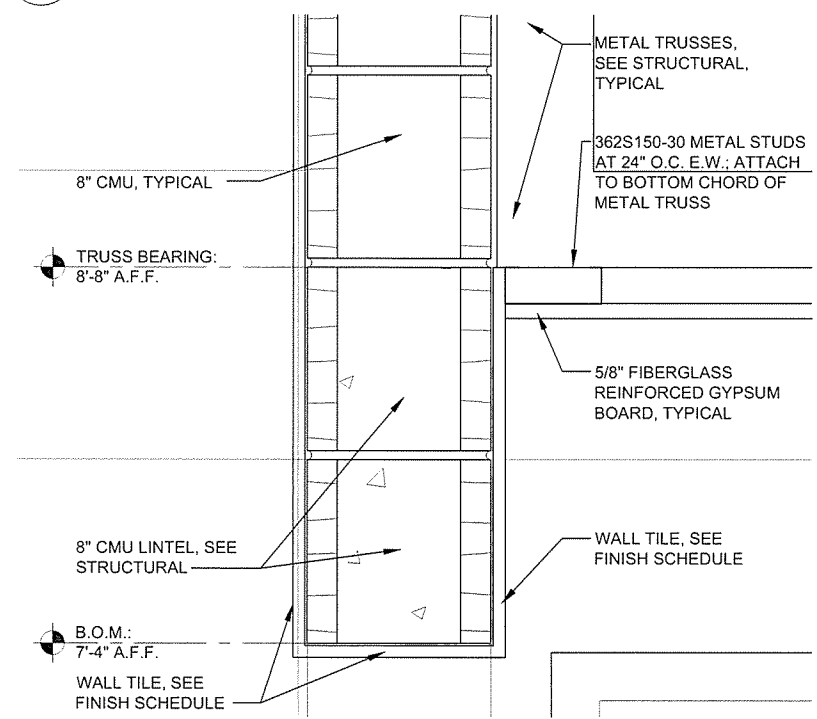
1 WINDOW HEAD ROOF DETAIL
SCALE: 3" = 1'-0"



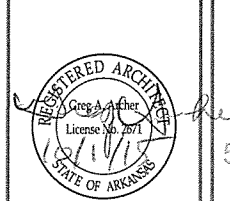
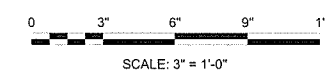
4 CEILING FAN DETAIL
SCALE: 1 1/2" = 1'-0"



2 WINDOW SILL ROOF DETAIL
SCALE: 3" = 1'-0"



3 VENDING OPENING DETAIL
SCALE: 3" = 1'-0"

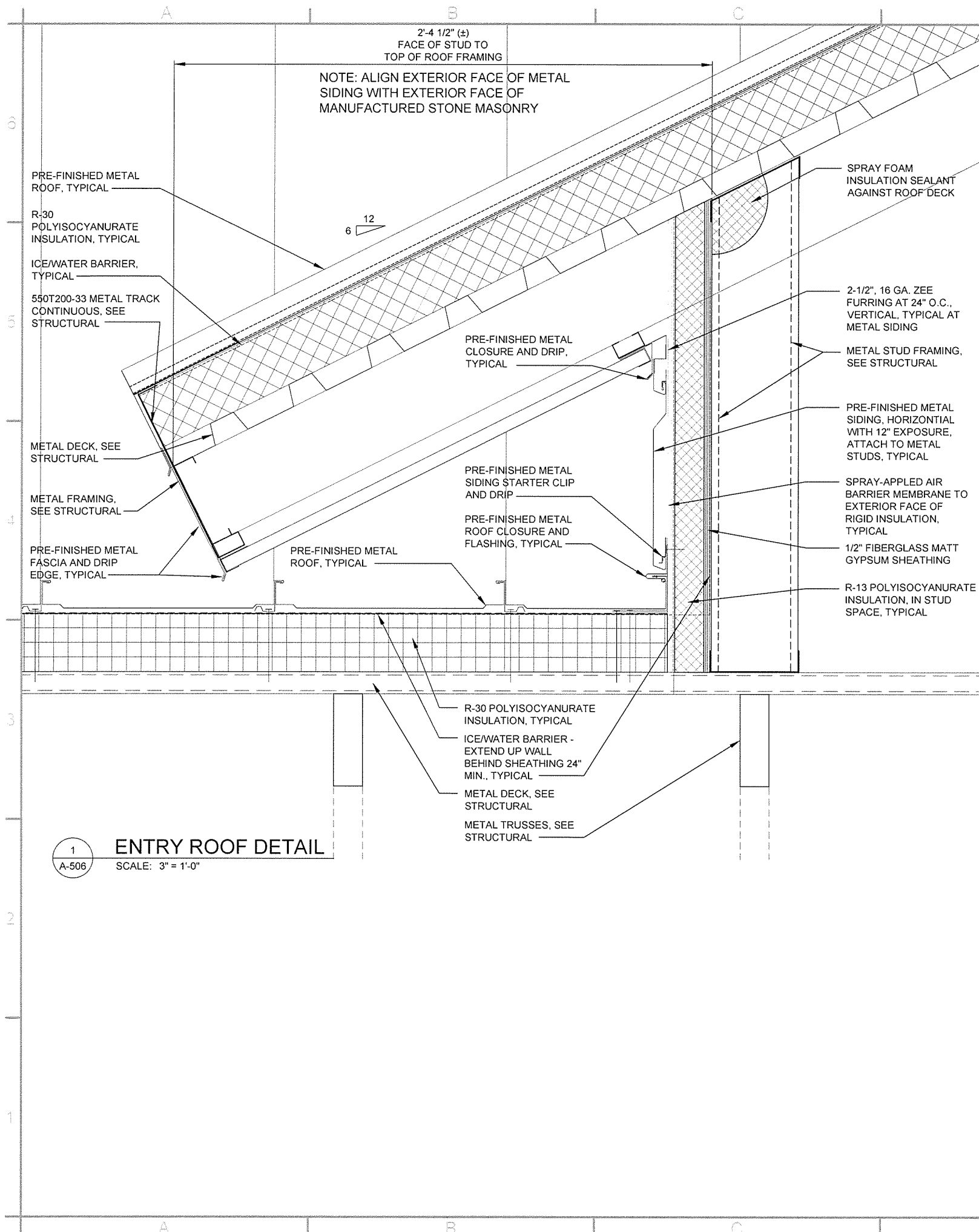


Job Number	080497	JRR	Apr
Submitted by	John T. Walkers, III, P.E., SE Director, Federal Services	Date	10/1/15
Designed by	J. RAIBSEY	IFC	Symbol
Drawn by	J. RAIBSEY	ISSUED FOR CONSTRUCTION	Description
Checked by	G. ARCHER		
File Name:	AH18BP-A-505.DWG		

Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Walkers, III, P.E., SE Director, Federal Services	Plot Scale	1:1	
Designed by	J. RAIBSEY	Plot Date	10/2/15	Dwg Code
Drawn by	J. RAIBSEY	Checked by	G. ARCHER	
File Name:	AH18BP-A-505.DWG			

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ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

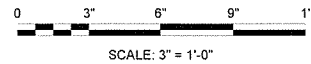
TOURIST INFORMATION CENTER
DETAILS



2'-4 1/2" (±)
FACE OF STUD TO
TOP OF ROOF FRAMING

NOTE: ALIGN EXTERIOR FACE OF METAL
SIDING WITH EXTERIOR FACE OF
MANUFACTURED STONE MASONRY

1
A-506 ENTRY ROOF DETAIL
SCALE: 3" = 1'-0"



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Chris A. Archer
License No. 2471
STATE OF ARKANSAS

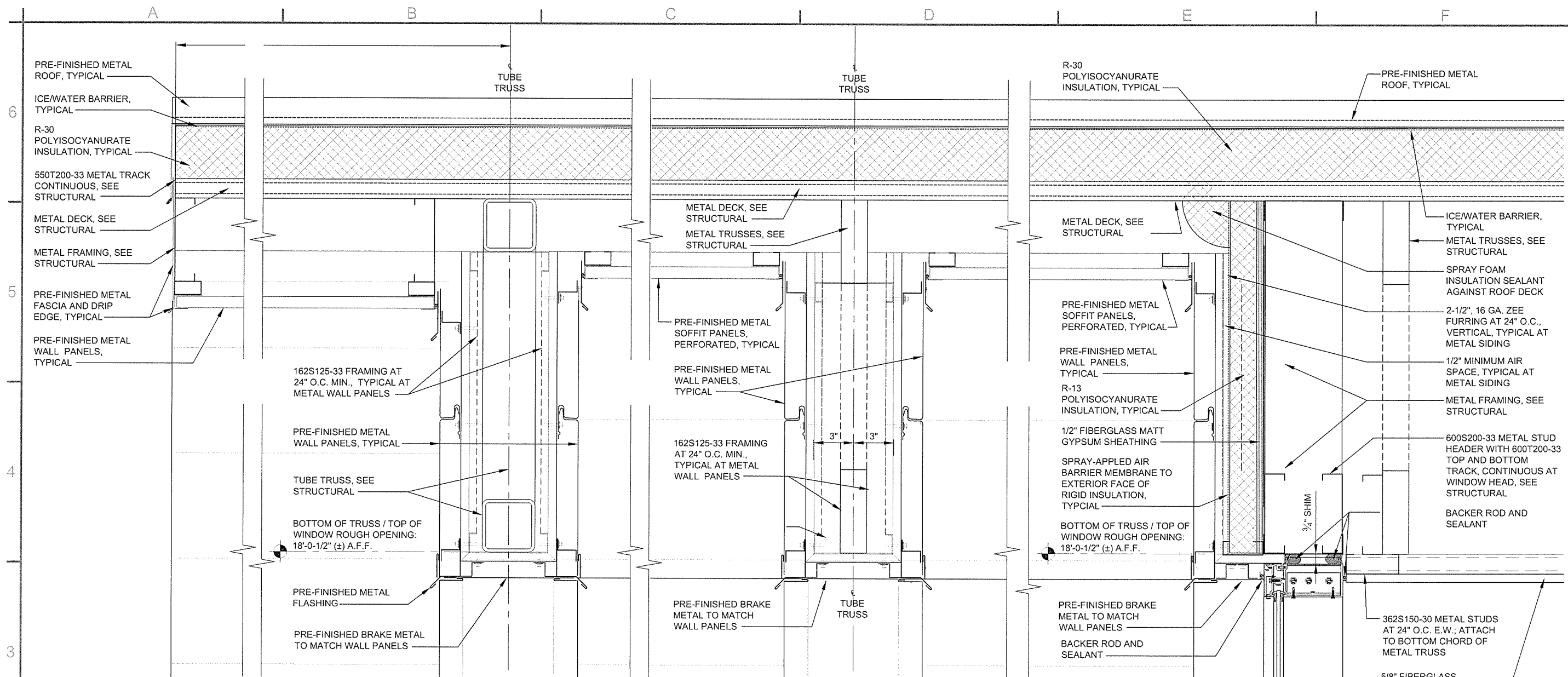
Job Number	000497
Submitted by	John T. Walters, III, PE, SE Director, Federal Services
Drawn by	J. DEMARIE
Checked by	G. ARCHER
Plot Date	10/11/15
Plot Scale	1:1
Drwg Code	
IFC Symbol	
ISSUED FOR CONSTRUCTION	
Date	10/11/15
Appr	JRR

Designed by	J. DEMARIE
Submitted by	John T. Walters, III, PE, SE Director, Federal Services
Drawn by	J. DEMARIE
Checked by	G. ARCHER
Plot Date	10/11/15
Plot Scale	1:1
Drwg Code	
File Name	AH15SP-A-506 DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
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(BIG PINEY) (S)
JOB 000497

TOURIST INFORMATION CENTER
DETAILS

Sheet Reference Number:
A-506
Sheet 63 of 105



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REGISTERED ARCHITECT
Craig A. Archer
License No. 267
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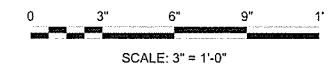
ISSUED FOR CONSTRUCTION	JRR	Apr
IFC	10/1/15	Date
Symbol		Description

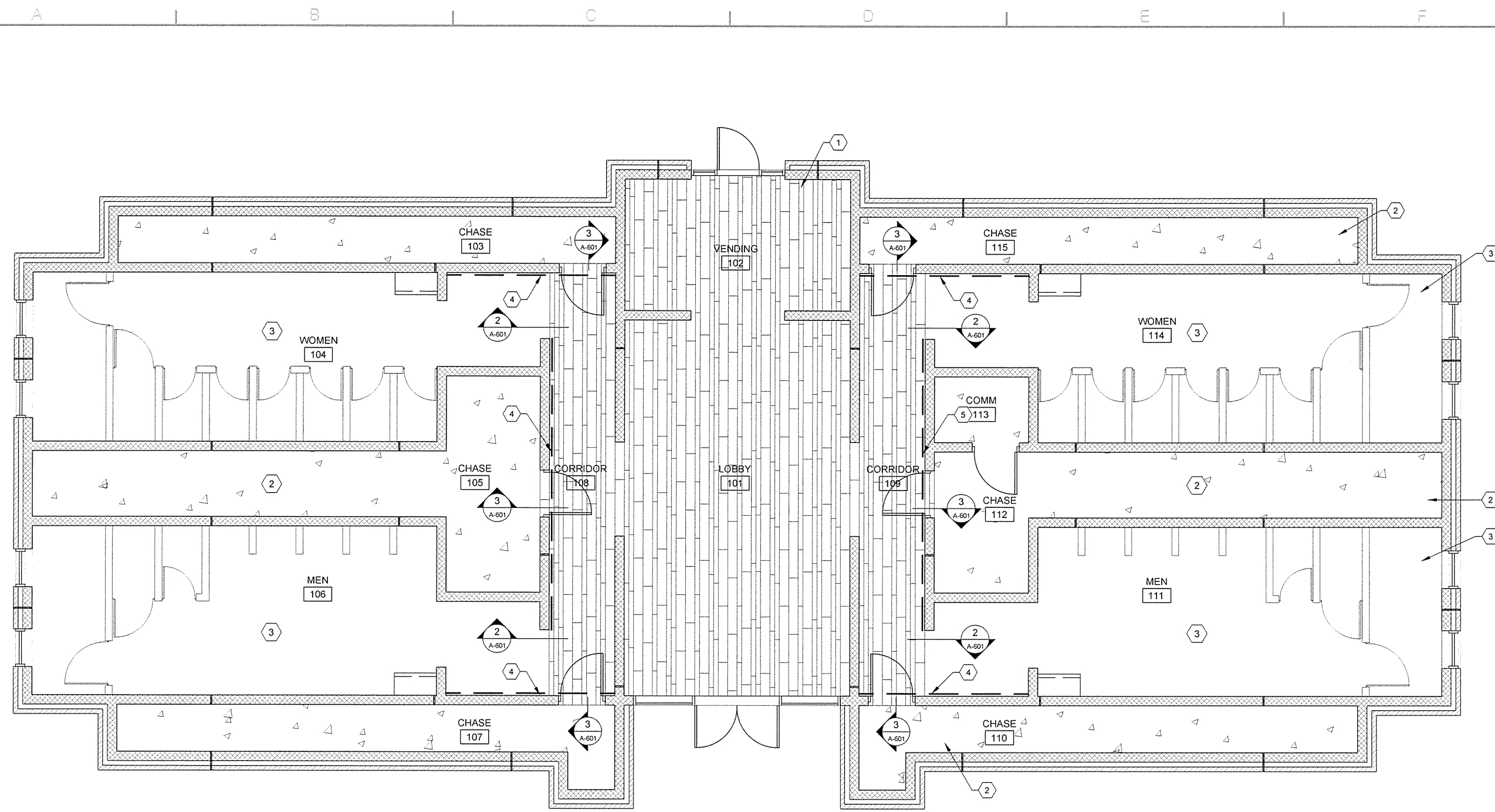
Submitted by	Job Number	Submitted by	Job Number
John T. Warkens, III, P.E., SE Director, Federal Submittals	080497	John T. Warkens, III, P.E., SE Director, Federal Submittals	080497
Drawn by	Plot Date	Drawn by	Plot Date
J. RAMSEY	10/2/15	J. DEAMANE	10/2/15
Checked by	Drug Code	Checked by	Drug Code
G. ARCHER		G. ARCHER	
File Name:		File Name:	
AH15BP-A-507.DWG		AH15BP-A-507.DWG	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

TOURIST INFORMATION CENTER
DETAILS

Sheet Reference Number:
A-507
Sheet 64 of 105

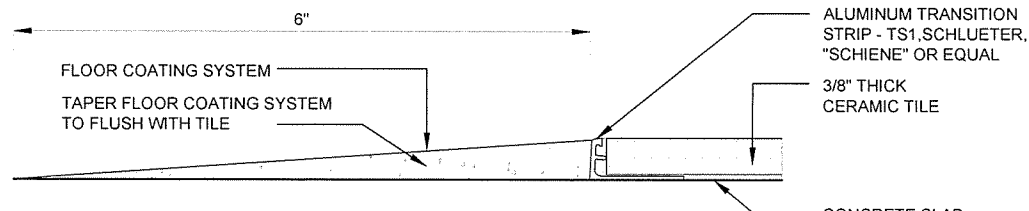




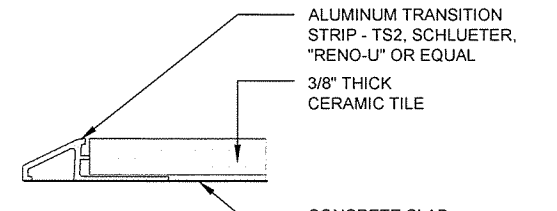
1
A-601
FLOOR PATTERN PLAN
SCALE: 1/4" = 1'-0"



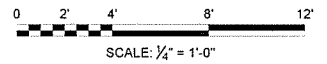
- KEYED NOTES**
- 1 48" LONG FLOOR TILES, T1
 - 2 SEALED CONCRETE FLOOR
 - 3 COATING SYSTEM FLOOR, ECS3
 - 4 DASHED LINE INDICATES FLOOR TO CEILING VINYL WALL MURAL



2
A-601
FLOOR TRANSITION DETAIL
SCALE: FULL SIZE



3
A-601
FLOOR TRANSITION DETAIL
SCALE: FULL SIZE



JRR
Date
10/1/15

ISSUED FOR CONSTRUCTION
Description

IPC
Symbol

Job Number
080487

Submitted by
John T. Watkins, III, PE, SE
Director, Federal Services
N/A
Plot Date
10/1/15
Plot Scale
1:1
Dwg Code
N/A

Designed by
P. MASON
Drawn by
P. MASON
Checked by
G. ARCHER
File Name
AHI58P-4-601.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080487
TOURIST INFORMATION CENTER
FLOOR PATTERN PLAN

Sheet Reference Number:

A-601

Sheet 65 of 105

GENERAL NOTES

IN CASE OF A CONFLICT BETWEEN THE GENERAL NOTES AND THE SPECIFICATIONS, CONSULT THE ENGINEER FOR CLARIFICATION PRIOR TO WORK.
DESIGN DATA

- DESIGN CODES - (ALL LATEST EDITIONS UNLESS NOTED OTHERWISE.)
 - 2012 ARKANSAS FIRE PREVENTION CODE
 - ASCE 7-10 - MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
 - AISC 360-10
 - ACI 318-11
- MATERIAL SPECIFICATIONS AND DESIGN STRESSES
 - ANCHOR RODS FY = 36,000 PSI (ASTM F1554 WELDABLE)
 - STRUCTURAL STEEL FY = 50,000 PSI (ASTM A992, IF UNAVAILABLE (W & WT SHAPES) LOCALLY ASTM A572, GRADE 50)
 - STRUCTURAL STEEL FY = 36,000 PSI (ASTM A36)
 - (L & C SHAPES & PLATES)
 - RECTANGULAR HSS FY = 46,000 PSI (ASTM A500, GRADE B)
 - ROUND HSS FY = 42,000 PSI (ASTM A500, GRADE B)
 - PIPE FY = 35,000 PSI (ASTM A53, GRADE B)
 - CAST-IN-PLACE CONCRETE
 - FOOTINGS F_c = 4,000 PSI AT 28 DAYS
 - SLAB-ON-GRADE F_c = 4,000 PSI AT 28 DAYS
 - ELEVATED SLABS F_c = 4,000 PSI AT 28 DAYS
 - REINFORCING STEEL
 - #3 AND LARGER BARS FY = 60,000 PSI (ASTM A615, GRADE 60)
- RISK CATEGORY II
- LIVE LOADS
 - ROOF (NOT REDUCIBLE) 20 PSF
 - FLOOR 100 PSF
 - ELEVATED SLAB 40 PSF
- WIND LOAD PARAMETERS (ASCE 7-10)
 - BASIC WIND SPEED 115 MPH
 - WIND EXPOSURE CATEGORY C
 - INTERNAL PRESSURE COEFFICIENT, GCPI ±0.18
 - COMPONENTS & CLADDING PRESSURE SEE WIND LOADS TABLE
- SNOW LOAD PARAMETERS (ASCE 7-10)
 - GROUND SNOW LOAD, P_g 15 PSF
 - UNIFORM ROOF DESIGN SNOW LOAD P_f 15 PSF
 - SNOW EXPOSURE FACTOR C_e 1.0
 - SNOW LOAD IMPORTANCE FACTOR, I 1.0
 - THERMAL FACTOR C_t 1.0
- SEISMIC LOADS (ASCE 07-10)
 - RISK CATEGORY II
 - SITE CLASS B
 - SPECTRAL RESPONSE ACCELERATION COEFFICIENTS S_s = 0.252 / S₁ = 0.121 (5% DAMPING, SITE CLASS B) S_{DS} = 0.168 / S_{D1} = 0.081
 - SEISMIC DESIGN CATEGORY C
 - IMPORTANCE FACTOR I_e 1.0
 - ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE PROCEDURE
 - SEISMIC RESISTING SYSTEM INTERMEDIATE REINFORCED MASONRY SHEAR WALLS: R=3½, Ω=2½, C_p=2¼

GENERAL INFORMATION

- PRIOR TO FABRICATION AND/OR ERECTION OF ANY MATERIALS, FIELD VERIFY ALL PERTINENT EXISTING DIMENSIONS, ELEVATIONS, AND CONDITIONS AND REPORT ANY DISCREPANCIES TO THE ENGINEER.
- UNLESS OTHERWISE NOTED OR DETAILED, CONCRETE PADS FOR MECHANICAL EQUIPMENT SHALL BE 4" THICK (MINIMUM) AND REINFORCED WITH #3 @ 12" OC EACH WAY CENTERED.
- SUBSTITUTION OF EXPANSION ANCHORS FOR EMBEDDED ANCHORS SHALL NOT BE PERMITTED.
- PERMANENT STABILITY OF THE BUILDING AND COMPONENTS IS NOT PROVIDED UNTIL THE ERECTION IS COMPLETED AS SHOWN ON THE CONTRACT DRAWINGS. PER SECT 7.10.4 OF AISC CODE OF STANDARD PRACTICE FOR BUILDINGS AND BRIDGES AUGUST 25, 2010 "TEMPORARY SUPPORTS, SUCH AS TEMPORARY GUYS, BRACES, FALSEWORK, CRIBBING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION WILL BE DETERMINED, FURNISHED AND INSTALLED BY THE ERECTOR."
- WEIGHTS OF MECHANICAL EQUIPMENT SHOWN ARE FOR UNITS SPECIFIED BY THE MECHANICAL ENGINEER. VERIFY WEIGHTS AND ANY SUBSTITUTIONS THAT RESULT IN INCREASED WEIGHT MUST BE APPROVED BY THE ENGINEER.
- ENSURE THAT NO CONSTRUCTION LOAD EXCEEDS THE DESIGN LIVE LOADS INDICATED ON THE STRUCTURAL DRAWINGS AND THAT THESE LOADS ARE NOT PUT ON THE STRUCTURAL MEMBERS PRIOR TO THE TIME THAT ALL FRAMING MEMBERS AND THEIR CONNECTIONS ARE IN PLACE.
- VERIFY THE SIZE AND LOCATION OF EQUIPMENT PADS AND PENETRATIONS THROUGH THE STRUCTURE FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK. OPENINGS AND PENETRATIONS NOT SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
- REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION TO BE COORDINATED WITH THE STRUCTURAL DRAWINGS.
- EXPANSION JOINT FILLER SHALL BE NON-EXTRUDING PREMOLDED MATERIAL COMPOSED OF FIBERBOARD IMPREGNATED WITH ASPHALT CONFORMING TO THE REQUIREMENTS OF ASTM D1751 UNLESS NOTED OTHERWISE.

FOUNDATIONS/GEOTECHNICAL

- FOUNDATION DESIGN IS BASED ON THE SOIL INVESTIGATION BY THE ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT PERFORMED ON APRIL 2ND-14TH, 2015 AND RECOMMENDATIONS BY GRUBBS, HOSKYN, BARTON, AND WYATT (JOB #15-096C) DATED JUNE 26, 2015.
- FOOTINGS SHALL BE FOUNDED A MINIMUM OF 2 FEET BELOW LOWEST ADJACENT GRADE.
- BUILDING PAD PREPARATION
 - DEMOLISH EXISTING STRUCTURES
 - STRIP THE ZONE OF ORGANIC-CONTAINING SOILS TO AN ESTIMATED DEPTH OF ABOUT 6 TO 9 INCHES.
 - ALL ABANDONED FOUNDATIONS AND UTILITY LINES SHALL BE COMPLETELY REMOVED UNLESS SPECIFICALLY APPROVED BY AHTD.
 - AFTER STRIPPING AND GRADING, BUT PRIOR TO PLACING ANY FILL, THE SUBGRADE SHOULD BE PROOF ROLLED WITH A PNEUMATIC-TIRED ROLLER, LOADED TANDEM DUMP TRUCK, OR OTHER SIMILAR EQUIPMENT.
 - BASED ON THE RESULTS OF THE BORINGS, MASS UNDERCUTS ARE NOT ANTICIPATED. HOWEVER, LOCALIZED UNDERCUTS ON THE ORDER OF 2 FEET, MORE OR LESS, COULD BE WARRANTED TO STABILIZE WEAK AREAS THAT MAY BE PRESENT AFTER STRIPPING AND OR WHICH DEVELOP DURING WET SEASONS.
- THE ON-SITE CLAY WITH SANDSTONE FRAGMENTS, FREE OF ORGANIC MATERIAL AND DEBRIS AND WITH A MAXIMUM PLASTICITY INDEX (PI) OF 18, ARE CONSIDERED SUITABLE FOR USE AS FILL AND BACKFILL IN BUILDING AREAS. IMPORTED BORROW FOR FILL OR BACKFILL SHOULD CONSIST OF AN APPROVED SHALE/SANDSTONE FRAGMENT BLEND, LOW-PLASTICITY CLAYEY SAND (SC), SAND CLAY (CL), OR CLAYEY GRAVEL (GC) WITH A LIQUID LIMIT LESS THAN 40 AND A MAXIMUM PI OF 18. ALL FILL AND BACKFILL SHOULD BE FREE OF ORGANICS AND DEBRIS WITH A MAXIMUM PI OF 18. A MAXIMUM DURABLE ROCK FRAGMENT DIMENSION OF 3 INCHES IS RECOMMENDED FOR BACKFILL AND FILL. THE TOP 18 INCHES OF FILL SHOULD HAVE A MAXIMUM PARTICLE SIZE OF 1.5 INCHES. FILL AND BACKFILL SHOULD BE APPROVED BY THE ENGINEER OR OWNER. FILL AND BACKFILL IN THE BUILDING AREAS SHOULD BE COMPACTED TO A MINIMUM OF 95% OF THE MODIFIED PROCTOR (AASHTO T 180) MAXIMUM DRY DENSITY. LOW-PLASTICITY SOILS SHOULD BE COMPACTED WITHIN A WATER CONTENT RANGE OF 2 PERCENT BELOW TO 3 PERCENT ABOVE THE OPTIMUM VALUE. SHALE/SANDSTONE FRAGMENT BLENDS SHOULD BE WATERED AS NECESSARY TO OBTAIN WATER CONTENT RANGING FROM OPTIMUM TO 3 PERCENT ABOVE OPTIMUM DURING COMPACTION. FILL AND BACKFILL SHOULD BE PLACED IN NOMINAL 6 TO 8 INCH THICK LOOSE LIFTS. EACH LIFT OF FILL AND BACKFILL SHOULD BE PROPERLY COMPACTED, TESTED AND APPROVED PRIOR TO PLACING SUBSEQUENT LIFTS.
- SHALLOW CUTS IN THE UPPER WEAKLY CEMENTED SANDSTONE CAN LIKELY BE PERFORMED WITH CONVENTIONAL HEAVY-DUTY EXCAVATION EQUIPMENT. DEEPER CUTS EXTENDING TO HARDER PORTIONS OF THE SANDSTONE ARE LIKELY TO REQUIRE ROCK EXCAVATION METHODS. SOME OVERBREAK SHOULD BE EXPECTED FOR EXCAVATIONS ADVANCED INTO THE SANDSTONE.

CAST-IN-PLACE CONCRETE

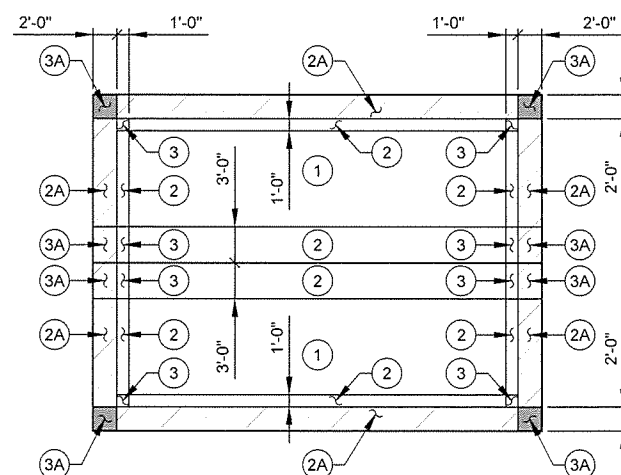
- UNLESS OTHERWISE NOTED, UNDER ALL INTERIOR FLOOR SLABS-ON-GRADE, PLACE A MINIMUM 10 MIL VAPOR RETARDER ON TOP OF 6" OF COMPACTED CLEAN, CRUSHED STONE DENSIFIED WITH VIBRATING EQUIPMENT PRIOR TO FLOOR SLAB CONSTRUCTION. THE SUBGRADE SOIL DIRECTLY BELOW THE STONE BASE COURSE SHALL BE PREPARED AS SPECIFIED IN THE FOUNDATIONS/GEOTECHNICAL NOTES, THIS SHEET.
- PROVIDE SUITABLE WIRE SPACERS, CHAIRS, TIES, ETC. FOR SUPPORTING REINFORCING STEEL IN THE PROPER POSITION WHILE PLACING CONCRETE.
- REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615, GRADE 60.
- FABRICATION OF REINFORCING STEEL SHALL BE IN ACCORDANCE WITH THE DETAILS OF ACI 315-04, "DETAILING OF CONCRETE REINFORCEMENT".
- UNLESS OTHERWISE NOTED, LAP SPLICES OR EMBEDMENT LENGTHS SHALL CONFORM TO THE FOLLOWING TABLE:

LAP LENGTHS FOR SPLICES *		
BAR SIZE	TOP BARS**	OTHER
#3	2'-5"	1'-11"
#4	3'-3"	2'-6"
#5	4'-1"	3'-1"
#6	4'-10"	3'-9"
#7	8'-10"	6'-9"
#8	10'-1"	7'-9"
#9	11'-4"	8'-9"
- FLOOR SLAB-ON-GRADE TOP MAT REINFORCING SHALL BE LOCATED 1½" CLEAR FROM TOP OF SLABS & 3" CLEAR FROM BOTTOM OF THE SLAB FOR A BOTTOM MAT IF APPLICABLE UNLESS NOTED OTHERWISE. IF ONLY ONE MAT OF STEEL IS REQUIRED THEN IT SHALL BE CONSIDERED A TOP MAT.
- UNLESS NOTED OTHERWISE, PROVIDE CONCRETE COVER AS NOTED IN THE FOLLOWING TABLE:


CONCRETE COVER FOR CAST-IN-PLACE NON-PRESTRESSED CONCRETE FOR BUILDINGS				
DESCRIPTION	SINGLE LAYER	TWO LAYERS		REMARKS
		TOP	BOT	
SLABS ON GRADE	CENTER	1½"	3" *	* IF CAST ON EARTH
BEAMS SLAB TURNDOWN	2" **	1½" **	3" *	** 2" FOR #6 & LARGER WHEN EXPOSED TO WEATHER
OTHER SPOT FOOTINGS	3" *	2"	3" *	
COLUMNS & PLINTHS	1½" **	-	-	

NOTE:
UNLESS OTHERWISE NOTED ON DRAWINGS, CONCRETE COVER OVER PRIMARY REINFORCEMENT, TIES, STIRRUPS AND SPIRALS SHALL COMPLY WITH LISTED VALUES. COVER SHALL COMPLY WITH REQUIREMENTS OF ACI 318 FOR ELEMENTS NOT DESCRIBED.


MAINTENANCE BUILDING WIND LOADS TABLE				
MARK	AREA	SURFACE PRESSURE (PSF)		
		10 SF	50 SF	100 SF
1	NEGATIVE ZONE 1	-26.4	-24.7	-23.9
2	NEGATIVE ZONE 2	-45.9	-37.4	-33.7
3	NEGATIVE ZONE 3	-67.9	-57.7	-53.3
2A	ZONE 2 OVERHANG	-53.7	-53.7	-53.7
3A	ZONE 3 OVERHANG	-90.4	-69.9	-61.1
	POSITIVE ALL ZONES	16.6	16.6	16.6



MAINTENANCE BUILDING WIND UPLIFT DIAGRAM (ROOF)



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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 15642
9/30/15

Job Number 080497	Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Plot Date 9/30/15	Plot Scale 1:1	Drug Code
Designed by D. CLEMENT	Drawn by S. BOWEN	Checked by G. ARCHER	File Name AR15BP-S-001.DWG	

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ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

GENERAL NOTES

Sheet Reference Number:
S-001

Sheet 66 of 105

MASONRY

- CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C90 FOR LOAD-BEARING CONCRETE MASONRY UNITS.
- THE NET AREA COMPRESSIVE STRENGTH OF MASONRY, f_m , SHALL BE A MINIMUM OF 1,500 PSI AND THE MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS SHALL BE 2,800 PSI.
- MORTAR SHALL BE TYPE "S" WITH A MINIMUM COMPRESSIVE STRENGTH OF 1,800 PSI AT 28-DAYS. MORTAR SHALL CONFORM TO ASTM C270 AND SHALL CONFORM TO ARTICLES 2.1A AND 2.6A OF TMS 602/ACI 530.1 / ASCE6 (ALL LATEST EDITIONS).
- ALL GROUT FOR MASONRY CONSTRUCTION SHALL CONFORM TO ASTM C478 OR ARTICLE 2.2 OF TMS 602 / ACI 530.1 / ASCE6 (ALL LATEST EDITIONS). PROVIDE FINE GROUT WITH A MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI AT 28-DAYS. GROUT SHALL BE PLACED IN MAXIMUM LIFTS OF 4'-0".
- VERTICAL CELLS TO RECEIVE GROUT SHALL HAVE VERTICAL ALIGNMENT SUFFICIENT TO MAINTAIN A CONTINUOUS UNOBSTRUCTED VERTICAL CELL NOT LESS THAN 2"x3" IN PLAN DIMENSION.
- VERTICAL REINFORCEMENT SHALL BE AS NOTED ON DRAWINGS. PLACE VERTICAL REINFORCING BARS AT CORNERS, JAMBS OF OPENINGS BELOW BEAM BEARING, AND IN WALLS AS INDICATED ON THE DRAWINGS. VERTICAL WALL REINFORCING BARS SHALL EXTEND CONTINUOUS FROM FOUNDATION TO EMBED AT LEAST 6" INTO TOP BOND BEAM. PROVIDE VERTICAL REINFORCEMENT IN LAST TWO CELLS AT EACH END OF WALL.
- DOWEL VERTICAL REINFORCING BARS OUT OF THE FOUNDATION OR STRUCTURE BELOW WITH BARS OF THE SAME SIZE AND SPACING ABOVE. DOWELS SHALL EXTEND A MINIMUM OF 40 DIAMETERS INTO THE MASONRY WALL. THERE SHALL BE A FOUNDATION DOWEL FOR EACH VERTICAL REINFORCING BAR. PROVIDE A STANDARD 90° HOOK ON THE ENDS OF THE FOUNDATION DOWELS EMBEDDED IN THE FOUNDATION UNLESS NOTED OTHERWISE.
- HORIZONTAL JOINT REINFORCING SHALL BE W1.7 LADDER-TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" OC.
- VERTICAL REINFORCING BARS SHALL BE CENTERED IN CELLS THROUGHOUT THE HEIGHT OF THE WALL UNLESS NOTED OTHERWISE. PROVIDE REBAR POSITIONERS AS REQUIRED TO MAINTAIN VERTICAL ALIGNMENT.
- LAPS OR SPLICES OF REINFORCING STEEL IN MASONRY SHALL BE THE GREATER OF 24" OR 40 BAR DIAMETERS.
- PLACE HORIZONTAL BARS IN 8" DEEP BOND BEAM UNITS AT TOPS OF ALL WALLS AND WHERE INDICATED. PROVIDE (2) #4 MINIMUM HORIZONTAL BARS.
- CONTINUE BOND BEAM UNITS AND REINFORCING BARS UNINTERRUPTED AROUND CORNERS AND ACROSS WALL INTERSECTIONS. SEE TYPICAL MASONRY DETAILS FOR ADDITIONAL INFORMATION.
- SUBSTITUTION OF BRICKS OR SOLID MASONRY UNITS INTO CMU WALLS AS SPACERS AND/OR SLOPING BOND BEAMS SHALL NOT BE PERMITTED.
- PRIOR TO START OF LAYING MASONRY, THE CONTACT SURFACE OF ALL FOUNDATIONS AND FLOORS WHICH ARE TO RECEIVE MASONRY WORK SHALL BE ROUGHENED AND CLEANED.
- NO TEMPORARY OPENINGS OR PASSAGES OF ANY KIND SHALL BE ALLOWED IN ANY CMU WALL. CLEANOUTS ARE REQUIRED FOR POUR HEIGHTS GREATER THAN 5'-0".
- SUBMIT SHOP DRAWINGS FOR REVIEW BY THE ENGINEER SHOWING: ALL VERTICAL AND HORIZONTAL REINFORCING LOCATIONS AND SPLICE METHODS; LOCATIONS OF BOND BEAMS AND LINTELS; LOCATIONS OF ALL CORES TO BE FILLED WITH GROUT; LOCATIONS OF CONTROL JOINTS; AND LOCATIONS OF ALL EMBEDDED PLATES AND ANCHORS.
- PROVIDE TEMPORARY BRACING FOR ALL MASONRY WALLS CONFORMING TO OSHA REQUIREMENTS UNTIL PERMANENT LATERAL SUPPORT IS COMPLETE.
- THE CONTRACTOR SHALL NOT PLACE LOADS ON BOND BEAMS OR MASONRY CELLS FILLED WITH GROUT UNTIL THE GROUT HAS CURED FOR A MINIMUM OF 3 DAYS.
- GROUT CMU COURSE AT FLOOR LEVEL SOLID.
- GROUT CMU BELOW GRADE SOLID OR AS INDICATED.

STRUCTURAL STEEL

- FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL BE IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
- BEAM CONNECTIONS SHALL BE DETAILED AS SHOWN ON THE CONTRACT DRAWINGS.
- UNLESS DETAILED OTHERWISE, ALL SHOP CONNECTIONS SHALL BE WELDED.
- UNLESS DETAILED OTHERWISE, ALL FIELD CONNECTIONS SHALL BE MADE USING 3/4"Ø AND 1"Ø WHERE INDICATED ASTM A325-N HIGH STRENGTH BOLTS ('N' INDICATES BEARING TYPE WITH THREADS INCLUDED IN SHEAR PLANE). WASHERS SHALL BE INSTALLED UNDER NUTS OF FASTENERS WHEN REQUIRED BY THE SPECIFICATIONS OF STRUCTURAL JOINTS.
- WHERE FIELD AND SHOP WELDS ARE INDICATED ON THE DRAWINGS, THEY SHALL BE THE SIZE AND TYPE NOTED. ALL WELDING OF STRUCTURAL STEEL SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF AWS D1.1 AND ALL WELDS INCLUDING FIELD WELDS SHALL BE MADE BY CERTIFIED WELDERS USING E70XX ELECTRODES.
- HIGH STRENGTH BOLTS (3/4"Ø AND 1"Ø - A325) SHALL BE TIGHTENED BY ONE OF THE FOLLOWING METHODS: POWER WRENCHES ADJUSTED TO STALL OR CUT-OUT AT THE CORRECT TENSION, MANUAL TORQUE WRENCHES WITH TORQUE INDICATION SET TO GIVE THE CORRECT TENSION, OR MANUAL WRENCHES USING THE "TURN-OF-THE-NUT" METHOD OF ASSURING THE CORRECT BOLT TENSION. EACH BOLT SHALL BE TIGHTENED TO PROVIDE. WHEN ALL BOLTS IN THE JOINT ARE TIGHT, A MINIMUM BOLT TENSION OF 28,000 LBS FOR 3/4"Ø BOLTS AND 35,000 LBS FOR 1"Ø BOLTS.
- STEEL ERECTOR SHALL PROVIDE THE NECESSARY BRACING DURING ERECTION AND UNTIL ALL STEEL IS PLUMB AND SECURE.

ABBREVIATIONS

AB	ANCHOR BOLT(S)	EXP	EXPANSION, EXPOSED	MFG	MANUFACTURING
ADDL	ADDITIONAL	EXT	EXTERIOR	MFR	MANUFACTURER
AFF	ABOVE FINISHED FLOOR	F/	FACE OF	MIN	MINIMUM
ALT	ALTERNATE	FD	FLOOR DRAIN	MISC	MISCELLANEOUS
ARCH	ARCHITECT(URAL)	FDTN	FOUNDATION	MTL	METAL
BLDG	BUILDING	FIN	FINISH(ED), FINAL	N/A	NOT APPLICABLE
BLK	BLOCK	FIN FLR	FINISH FLOOR	NIC	NOT-IN-CONTRACT
BLKG	BLOCKING	FLR	FLOOR	NOM	NOMINAL
BM	BEAM, BENCHMARK	FS	FAR SIDE, FOOTING STEP, FULL SIZE	NS	NEAR SIDE
BOT	BOTTOM	FT	FEET, FOOT	NSG	NON-SHRINK GROUT
BS	BOTH SIDES	FTG	FOOTING(S)	NTS	NOT-TO-SCALE
BTWN	BETWEEN	GA	GAUGE, GAGE	OC	ON-CENTER
BW	BOTH WAYS	GALV	GALVANIZED	OD	OUTSIDE DIAMETER, OUTSIDE
CCJ	CRACK CONTROL JOINT	GR	GRADE		DIMENSION
CIP	CAST-IN-PLACE	GRTG	GRATING	OH	OVERHEAD
CJ	CONTROL, CONTRACTION, OR CONSTRUCTION JOINT	GYP	GYP SUM	OPH	OPPOSITE-HAND
		GYP BD	GYP SUM BOARD	OPNG	OPENING(S)
CJP	COMPLETE JOINT PENETRATION	HD	HEAVY-DUTY	OPP	OPPOSITE
CL	CENTERLINE	HDR	HEADER	PCC	PRECAST, PRECAST CONCRETE
CLR	CLEAR(ANCE)	HORIZ	HORIZONTAL(LY)	PCF	POUNDS PER CUBIC FOOT
CMU	CONCRETE MASONRY UNIT(S)	HS	HEADED STUD(S)	PED	PEDESTAL
COL	COLUMN(S)	HSS	HOLLOW STEEL SECTION	PJP	PARTIAL JOINT PENETRATION
CONC	CONCRETE	HT	HEIGHT	PL	PLATE(S)
CONN	CONNECT, CONNECTION(S)	INT	INTERIOR	PLBG	PLUMBING
CONT	CONTINUE, CONTINUOUS	JBE	JOIST BEARING ELEVATION	PLF	POUNDS PER LINEAR FOOT
CTR	CENTER	JST	JOIST(S)	PLYWD	PLYWOOD
CTRD	CENTERED	JT	JOINT	PNL	PANEL
DIA	DIAMETER	KOBB	KNOCK-OUT BOND BEAM	PROJ	PROJECT(ION)
DIAG	DIAGONAL	LB	POUND(S), LAG BOLT(S)	PSF	POUNDS PER SQUARE FOOT
DIM	DIMENSION(S)	LDH	LONG DIMENSION HORIZONTAL	PSI	POUNDS PER SQUARE INCH
DWG	DRAWING(S)	LDO	LONG DIMENSION OUTSTANDING	QTY	QUANTITY
DWLS	DOWEL(S)	LDV	LONG DIMENSION VERTICAL	R	RADIUS, RANGE
EA	EACH	LF	LINEAR FOOT(EET)	RD	ROOF DRAIN
EBC	EXTENDED BOTTOM CHORD	LIN	LINEAR	REBAR	REINFORCING BAR
EF	EACH FACE	LL	LIVE LOAD	REINF	REINFORCE(D), (ING), (MENT)
EIFS	EXTERIOR INSULATED FINISH SYSTEM	LONG	LONGITUDINAL	REQD	REQUIRED
		LT	LIGHT	SCHED	SCHEDULE
EJ	EXPANSION JOINT	LT WT	LIGHTWEIGHT	SECT	SECTION
EQ	EQUAL	MAS	MASONRY	SF	SQUARE FOOT(EET)
EQUIP	EQUIPMENT	MATL	MATERIAL	SHT	SHEET
ES	EQUISPACED	MAX	MAXIMUM	SIM	SIMILAR
EXIST	EXISTING	MECH	MECHANICAL	SJI	STEEL JOIST INSTITUTE

COLD-FORMED METAL TRUSSES


- ALL COLD-FORMED METAL ROOF TRUSSES ARE TO BE DESIGNED BY THE MANUFACTURER FOR ACTUAL ROOF DEAD LOAD (20 PSF MINIMUM) PLUS THE WEIGHTS OF INDIVIDUAL TRUSSES PLUS 20 PSF ROOF LIVE LOAD. WIND LOAD PER THE COMPONENTS AND CLADDING TABLE SHALL BE INCLUDED IN THE DESIGN. INCLUDE ACTUAL DEAD LOAD OF SUPPORTED MATERIALS AT BOTTOM CHORD PLUS A 5 PSF COLLATERAL DEAD LOAD AT BOTTOM CHORD. TOTAL DEFLECTION SHALL BE LIMITED TO L/240 FOR BOTH INDIVIDUAL MEMBERS AND TRUSSES. LIVE LOAD DEFLECTIONS SHALL BE LIMITED TO L/360. ALL COLD-FORMED METAL, SHALL BE 18 GAUGE MINIMUM. ALL COLD-FORMED METAL SHALL BE GALVANIZED.
- EXACT TRUSS WEB AND CHORD SIZES (SEE ABOVE FOR MINIMUMS) AND LAYOUT ARE TO BE DETERMINED BY THE MANUFACTURER. TRUSS MANUFACTURER TO DESIGN AND FURNISH ANY PERMANENT TRUSS BRACING REQUIRED FOR STABILITY.
- MANUFACTURER TO SUBMIT FOR APPROVAL DESIGN CALCULATIONS WITH SHOP DRAWINGS STAMPED BY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF ARKANSAS. SHOP DRAWINGS SHALL CLEARLY INDICATE MEMBER SIZES, GAUGE OF MATERIAL, MEMBER DESIGN FORCES, AND MEMBER END WELD SIZES AND LENGTHS.
- TRUSSES AND THEIR CONNECTIONS SHALL BE DESIGNED TO BRACE THE MASONRY WALLS ON WHICH THEY BEAR. WALL OUT-OF-PLANE BRACE FORCE SHALL BE TAKEN AS 448# (STRENGTH LEVEL SEISMIC LOAD) AT THE TOP OF THE WALL FOR TRUSSES THAT BEAR ON WALLS 10 FEET OR LESS IN HEIGHT. THE WALL BRACE FORCE SHALL BE TAKEN AS 728# (STRENGTH LEVEL SEISMIC LOAD) AT THE TOP OF THE WALL FOR TRUSSES THAT BEAR ON WALLS GREATER THAN 10 FEET IN HEIGHT. LOADS INCLUDE 1.4 FACTOR FOR ALL STEEL WALL ANCHORAGE ELEMENTS IN SEISMIC DESIGN CATEGORIES C, D, & F.
- TRUSSES SHALL BE DESIGNED FOR THE PRESSURES AS INDICATED ON THE WIND UPLIFT DIAGRAM AND SHALL BE ANCHORED ACCORDINGLY.

STEEL FLOOR DECK


- METAL FLOOR DECK SHALL BE 2" CONFORM DECK, 20 GAUGE (2C20) AS NOTED. MINIMUM DECK PROPERTIES SHALL BE AS FOLLOWS:
 - $I_p = 0.409 \text{ IN}^4/\text{FT}$
 - $I_N = 0.406 \text{ IN}^4/\text{FT}$
 - $S_p = 0.341 \text{ IN}^3/\text{FT}$
 - $S_N = 0.346 \text{ IN}^3/\text{FT}$
- WHERE DECK BEARS ON CMU, ATTACH DECK TO BOND BEAM WITH 3/8" PATTERN USING 3/16"Ø MASONRY SCREWS. LONG PANEL SIDES AT SUPPORTS SHALL BE ATTACHED USING 3/16"Ø MASONRY SCREWS AT 8" OC.

STEEL ROOF DECK

- ROOF DECK SHALL BE WIDE RIB TYPE "B", 1 1/2", 22 GAUGE, GALVANIZED STEEL DECK UNLESS NOTED OTHERWISE ON THE PLANS.
- THE DECK SHALL BE FASTENED TO SUPPORTING STEEL IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. MINIMUM DECK FASTENING SHALL BE AS FOLLOWS: SUPPORT FASTENERS SHALL BE #12 TEK SCREWS IN A 36/4 PATTERN WITH (2) #10 TEK SCREWS PER SIDELAP SPAN AS SIDELAP FASTENERS. LONG PANEL SIDES AT SUPPORT ANGLES AND PLATES SHALL BE FASTENED WITH #12 SCREWS AT 8" OC ALONG FULL LENGTH OF PANEL.
- ROOF DECK SHALL BE CONTINUOUS OVER AT LEAST THREE SUPPORTS.



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LICENSED PROFESSIONAL ENGINEER
No. 15642
TAYLOR CLEMENT

JRR
Appr

10/11/15
Date

ISSUED FOR CONSTRUCTION
Description

IPC
Symbol

Job Number:
080497

Submitted by:
John T. Watkins, III, PE, SE
Director, Federal Services

Drawn by:
S. BOVEN

Checked by:
G. ARCHER

File Name:
AHS18P-5-002.DWG

Job Scale:
1" = 1'

Plot Date:
9/30/15

Dwg Code:
11

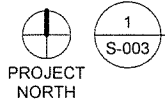
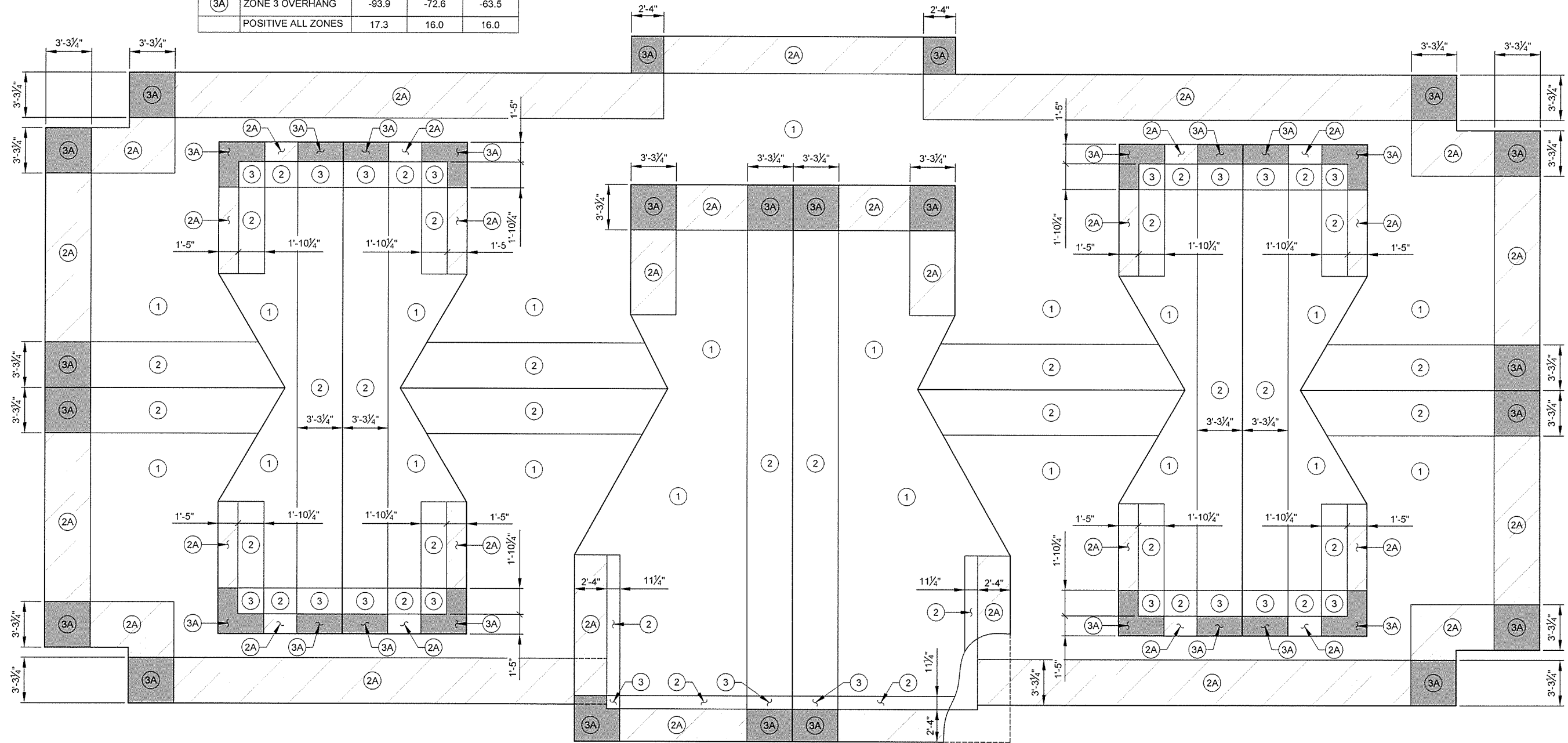
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
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GENERAL NOTES

Sheet Reference Number:
S-002

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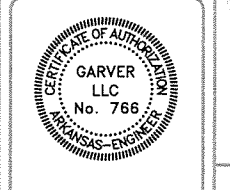
TOURIST INFORMATION CENTER WIND LOADS TABLE				
MARK	AREA	SURFACE PRESSURE (PSF)		
		10 SF	50 SF	100 SF
①	NEGATIVE ZONE 1	-27.4	-25.6	-24.9
②	NEGATIVE ZONE 2	-47.7	-38.9	-35.0
③	NEGATIVE ZONE 3	-70.6	-59.9	-55.3
②A	ZONE 2 OVERHANG	-55.8	-55.8	-55.8
③A	ZONE 3 OVERHANG	-93.9	-72.6	-63.5
	POSITIVE ALL ZONES	17.3	16.0	16.0



WIND UPLIFT DIAGRAM (ROOF)

SCALE: NONE

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STATE OF ARKANSAS
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No. 15642
9/30/15

Job Number	Job Description	Date	Appr.
080487	ISSUED FOR CONSTRUCTION	10/11/15	JRR

Submitted by	Director, Federal Services	Plot Scale	Plot Date	Dwg Code
John T. Walters, II, PE, SE		1:1	9/30/15	

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JOB 080487
TOURIST INFORMATION CENTER
WIND UPLIFT DIAGRAM (ROOF)

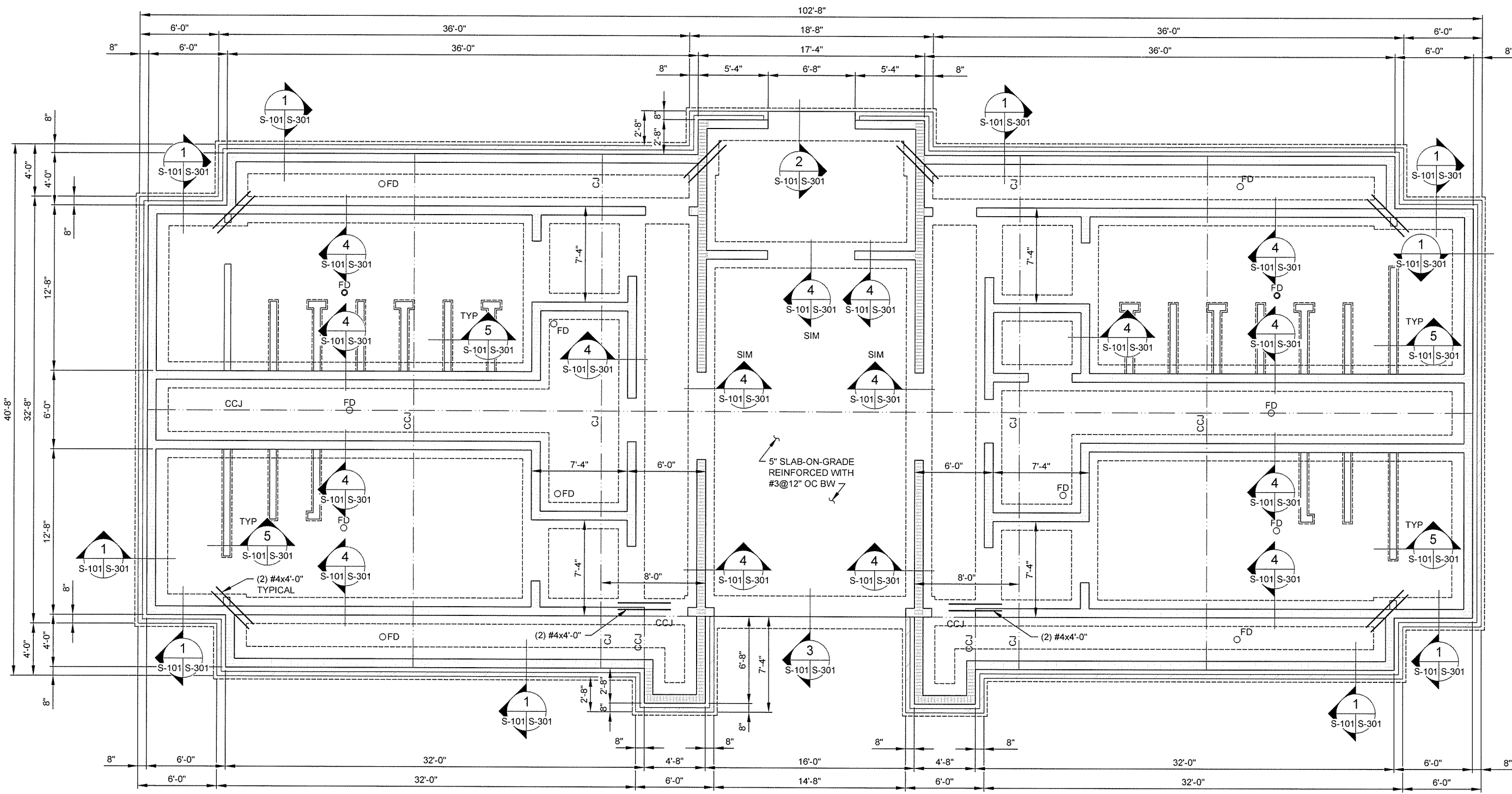
Sheet Reference Number:
S-003
Sheet 68 of 105

JRR	Date	Description
Appr		ISSUED FOR CONSTRUCTION
Date		IPC
Symbol		

Job Number	Submitted by	Plot Date	Plot Scale	Drug Code
080497	John T. Watkins, III, P.E. SE Director, Federal Services	9/30/15	1:1	

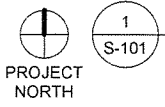
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
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TOURIST INFORMATION CENTER
 FOUNDATION PLAN

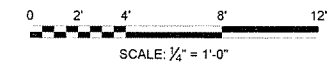


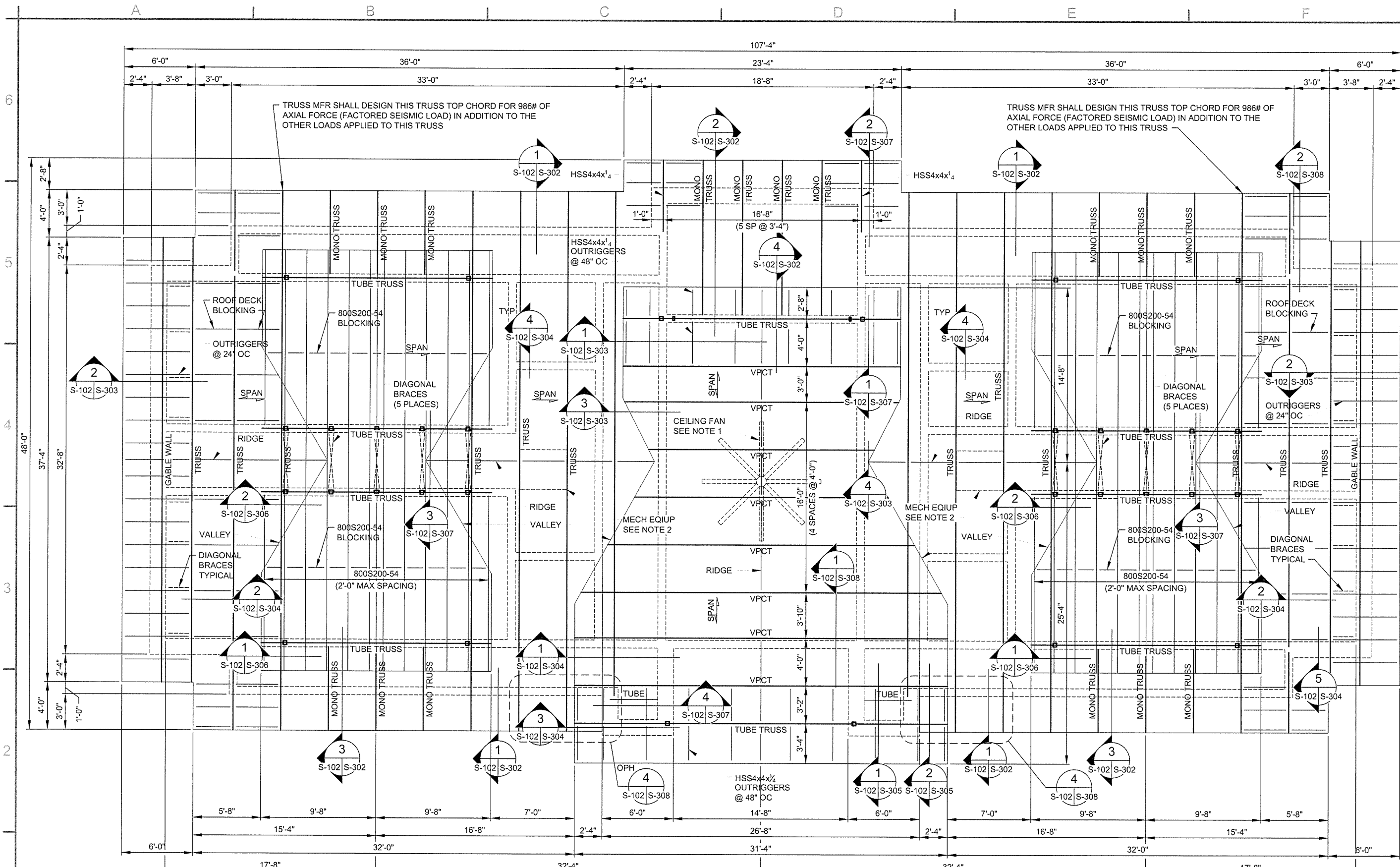
CMU WALL REINFORCING LEGEND

- 8" CMU WALL REINFORCED WITH #4@48" OC VERT AND HORIZ BOND BEAMS AT 48" OC REINFORCED WITH (2) #4.
- 8" CMU WALL REINFORCED WITH #4@24" OC VERT AND HORIZ BOND BEAMS AT 48" OC REINFORCED WITH (2) #4.
- 6" CMU WALL REINFORCED WITH #4@24" OC VERT. (GROUT ALL CELLS SOLID FULL HEIGHT)



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





TRUSS MFR SHALL DESIGN THIS TRUSS TOP CHORD FOR 986# OF AXIAL FORCE (FACTORED SEISMIC LOAD) IN ADDITION TO THE OTHER LOADS APPLIED TO THIS TRUSS

TRUSS MFR SHALL DESIGN THIS TRUSS TOP CHORD FOR 986# OF AXIAL FORCE (FACTORED SEISMIC LOAD) IN ADDITION TO THE OTHER LOADS APPLIED TO THIS TRUSS

- NOTES:
1. TRUSS MFR SHALL COORDINATE ATTACHMENT AND SUPPORT OF CEILING FAN WITH CEILING FAN SUPPLIER.
 2. TRUSS MFR SHALL COORDINATE WITH MECHANICAL SUPPLIER FOR SUPPORT OF 300# MECHANICAL UNITS.



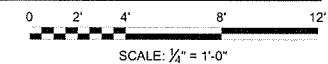
ARKANSAS LICENSED PROFESSIONAL ENGINEER
 D. CLEMENT
 No. 15642
 10/1/15

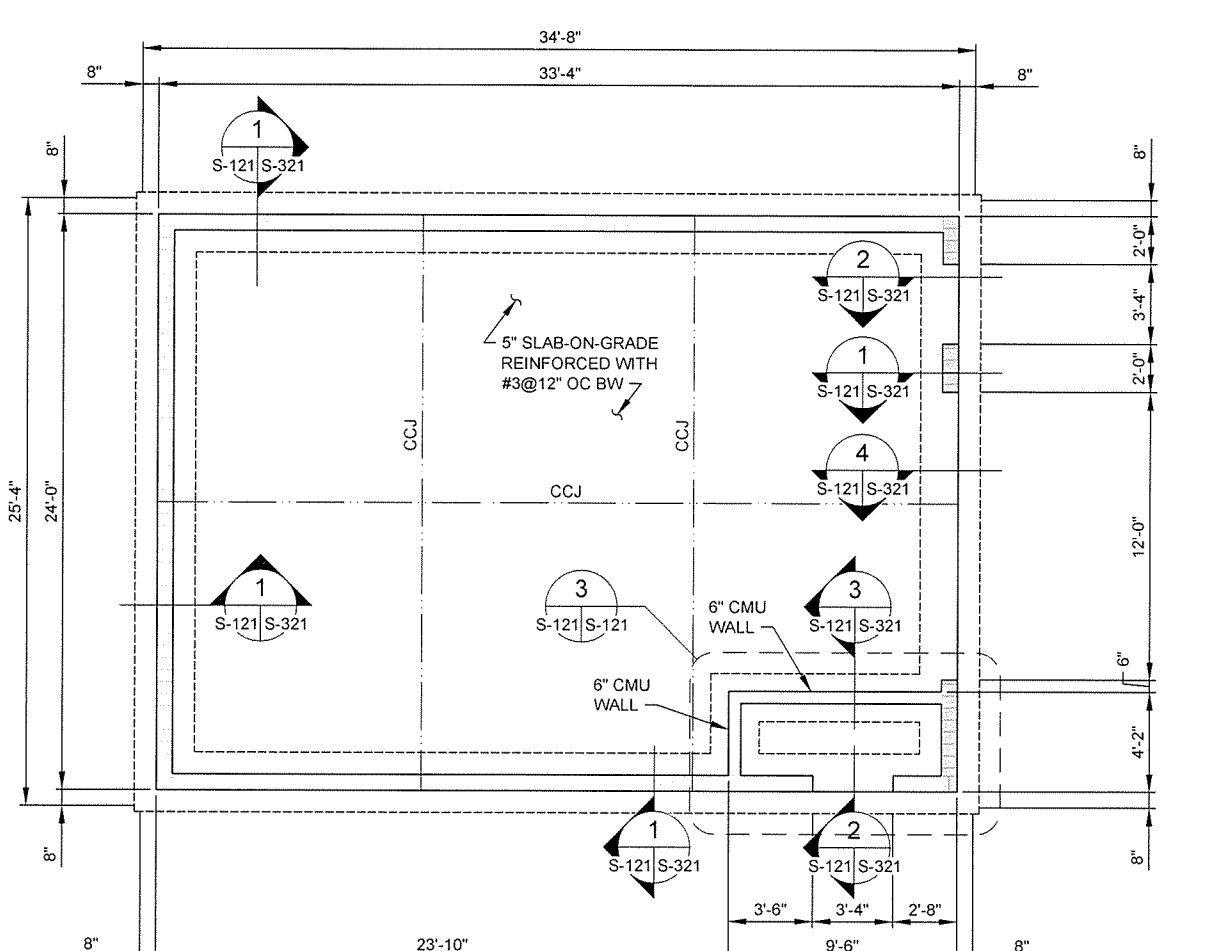
JRR	Date	Description
10/1/15	10/1/15	ISSUED FOR CONSTRUCTION

Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Job Number 080497	N/A	N/A	N/A
Designed by D. CLEMENT	Drawn by S. BOWEN	Checked by G. ARCHER	Plot Date 10/1/15	Plot Scale 1:2
File Name AHTBPC-S-102.DWG				

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TOURIST INFORMATION CENTER
 ROOF ROOF FRAMING PLAN



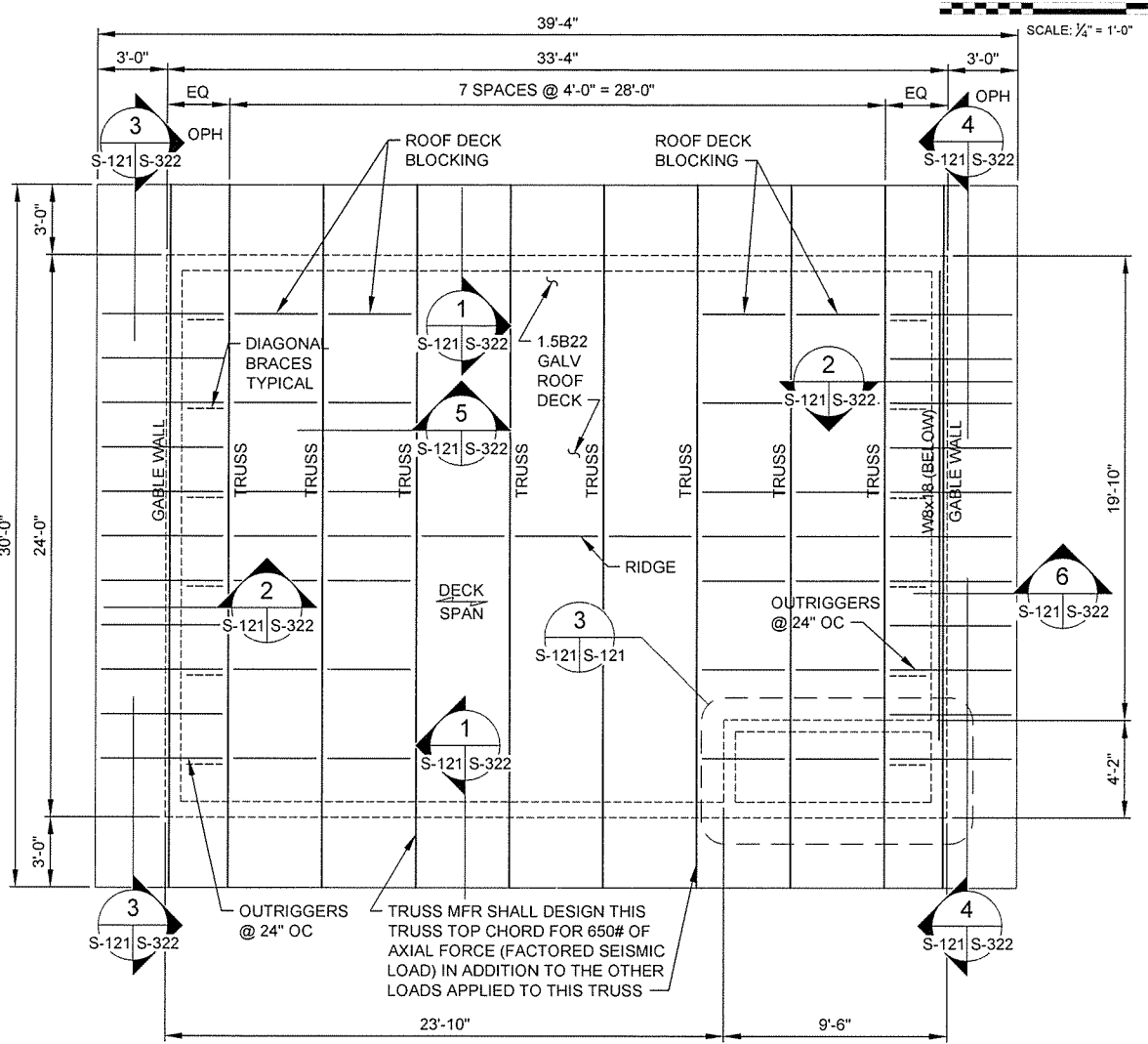


CMU WALL REINFORCING LEGEND

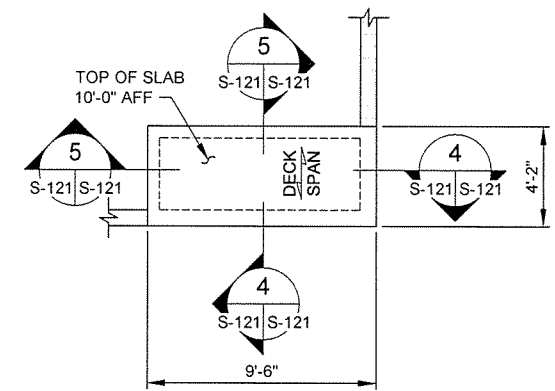
- CMU WALL REINFORCED WITH #4@48" OC VERT AND HORIZ BOND BEAMS AT 48" OC REINFORCED WITH (2) #4.
- CMU WALL REINFORCED WITH #4@8" OC VERT AND HORIZ BOND BEAMS AT 16" OC REINFORCED WITH (2) #4.
- 6" CMU WALL REINFORCED WITH #4@24" OC VERT.

NOTE:
SEE ARCHITECTURAL FOR WALL
CONSTRUCTION JOINT LOCATIONS.

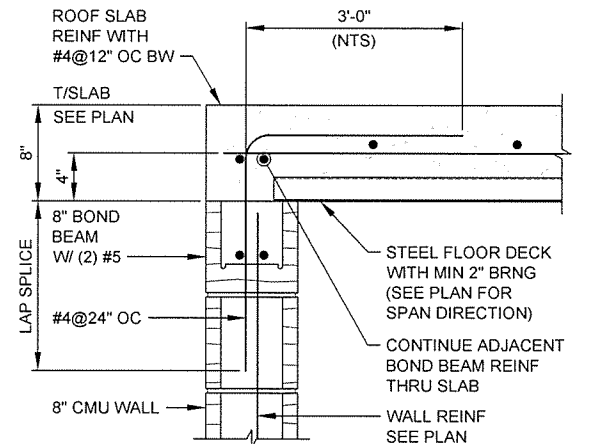
1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
PROJECT NORTH



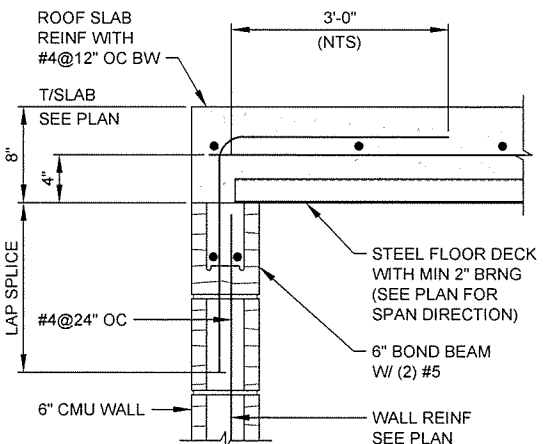
2 ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"
PROJECT NORTH



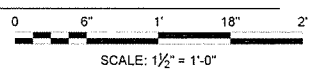
3 PARTIAL PLAN
SCALE: 1/4" = 1'-0"



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



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



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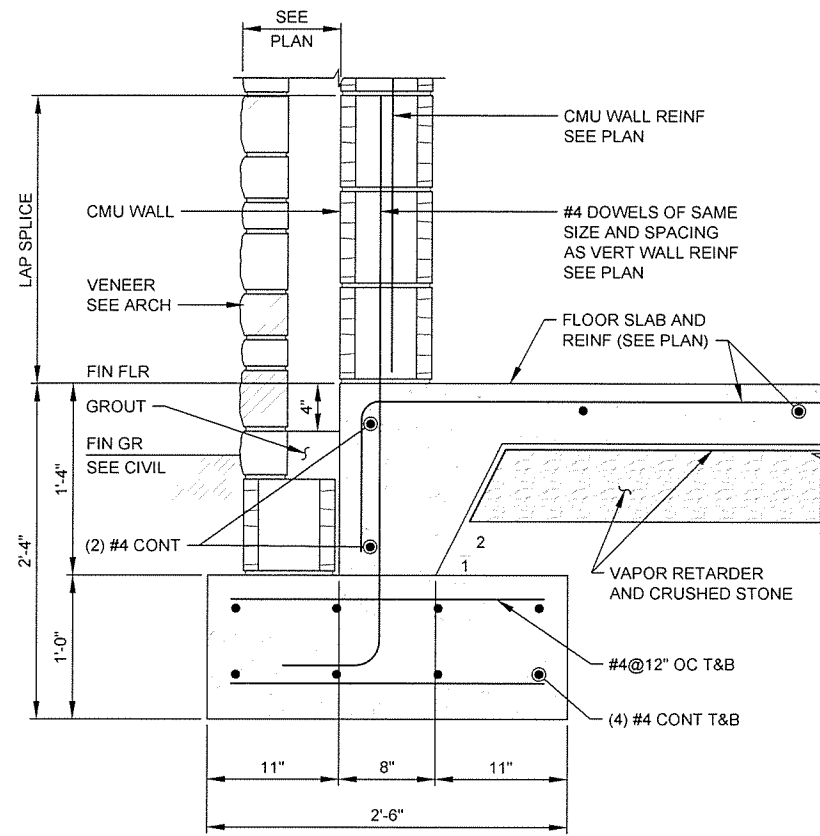
STATE OF ARKANSAS
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No. 15642
DAVID TAYLOR CLEMENT
9/30/15

Issued For Construction	Symbol	IFC
Date	10/1/15	JRR
Appr		

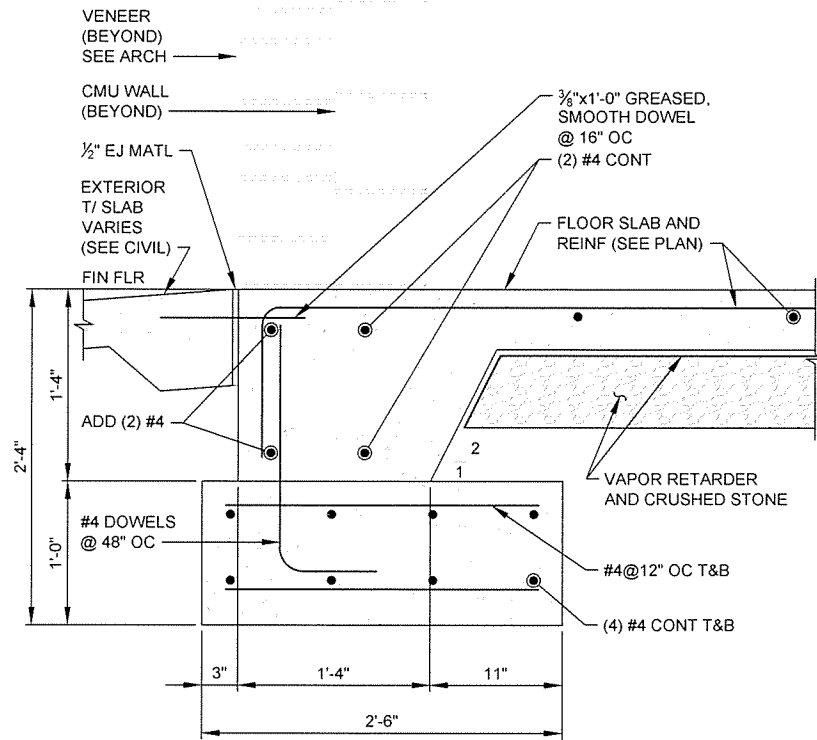
Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Plot Scale	1:1	
Designed by	D. CLEMENT	Plot Date	9/30/15	Draw Code
Drawn by	S. BOWEN	Checked by	G. ARCHER	File Name
				AH15BP-S-121.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

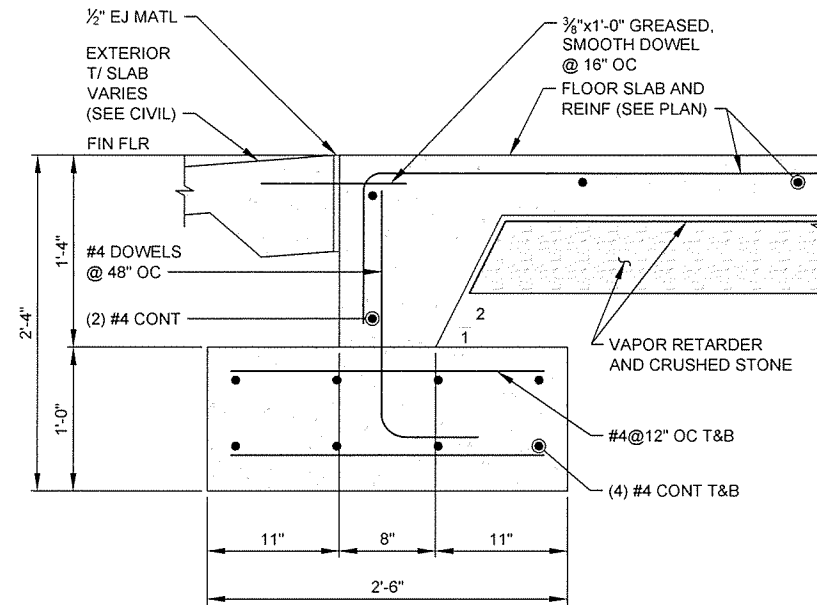
MAINTENANCE BUILDING
FOUNDATION AND ROOF FRAMING PLANS



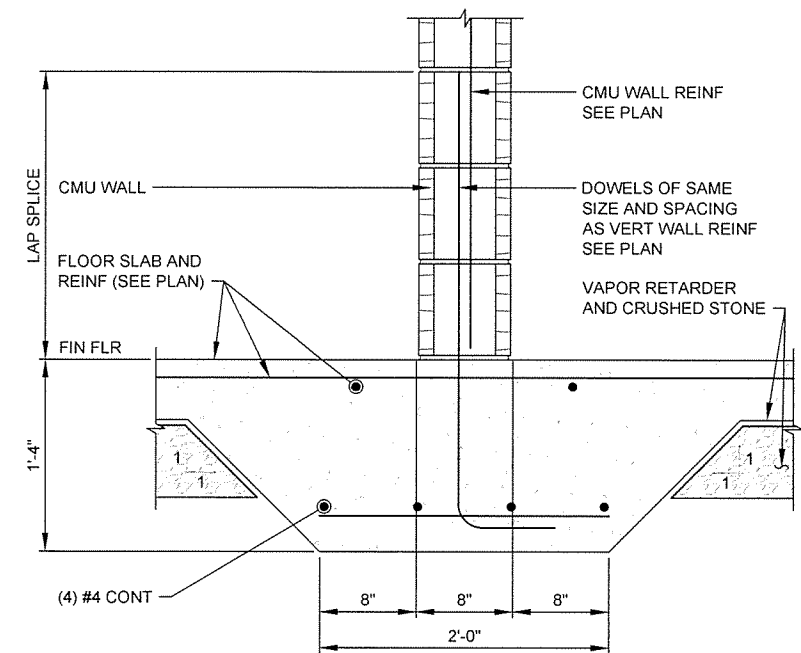
SECTION 1
S-101|S-301 SCALE: 1 1/2" = 1'-0"



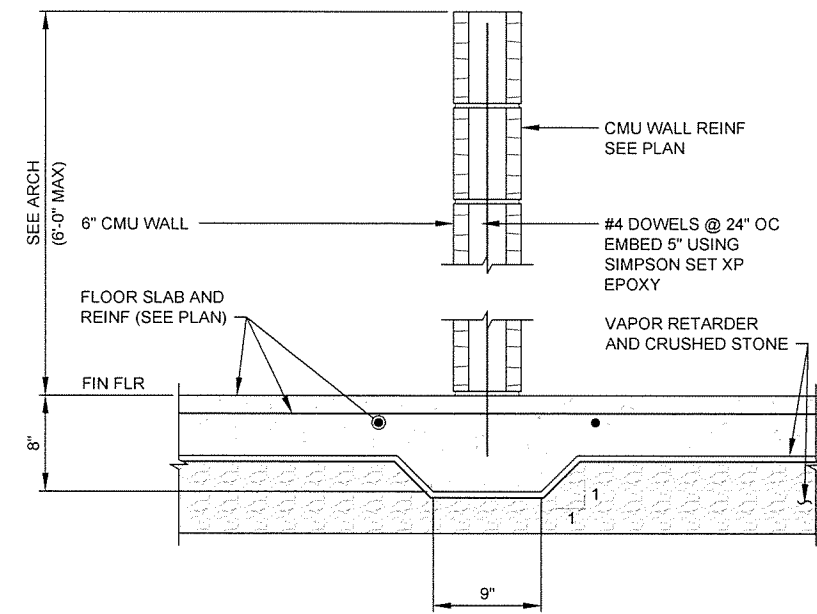
SECTION 2
S-101|S-301 SCALE: 1 1/2" = 1'-0"



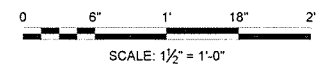
SECTION 3
S-101|S-301 SCALE: 1 1/2" = 1'-0"




SECTION 4
S-101|S-301 SCALE: 1 1/2" = 1'-0"




SECTION 5
S-101|S-301 SCALE: 1 1/2" = 1'-0"





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STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
NO. 13642
7/29/15

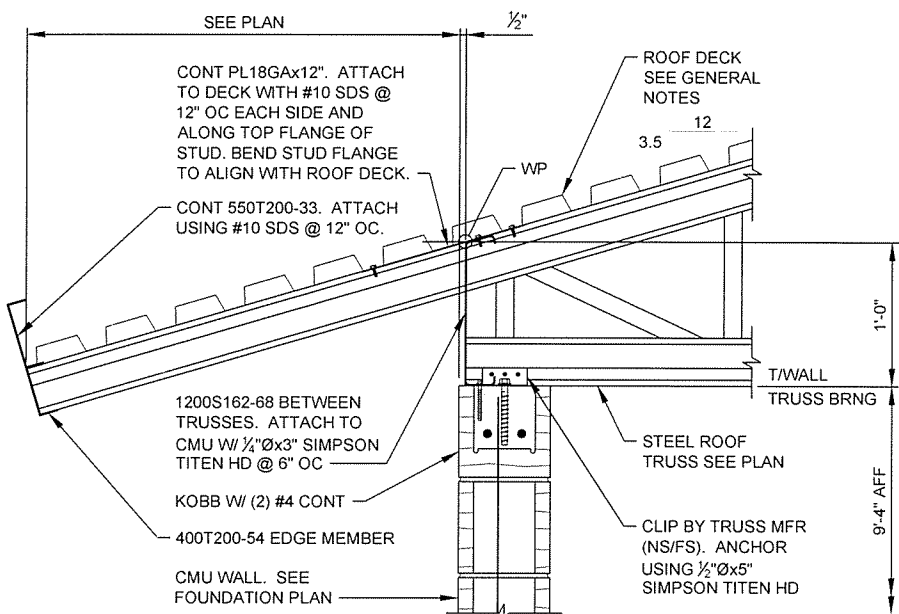
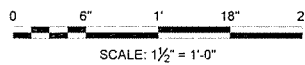
Submitted by John T. Watkins, III PE SE Director, Federal Services	Job Number 080497
Drawn by S. BOVEN	IFC Symbol
Checked by G. ARCHER	Date 10/1/15
File Name AHT15BP-S-301.DWG	Description ISSUED FOR CONSTRUCTION

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
JOB 080497

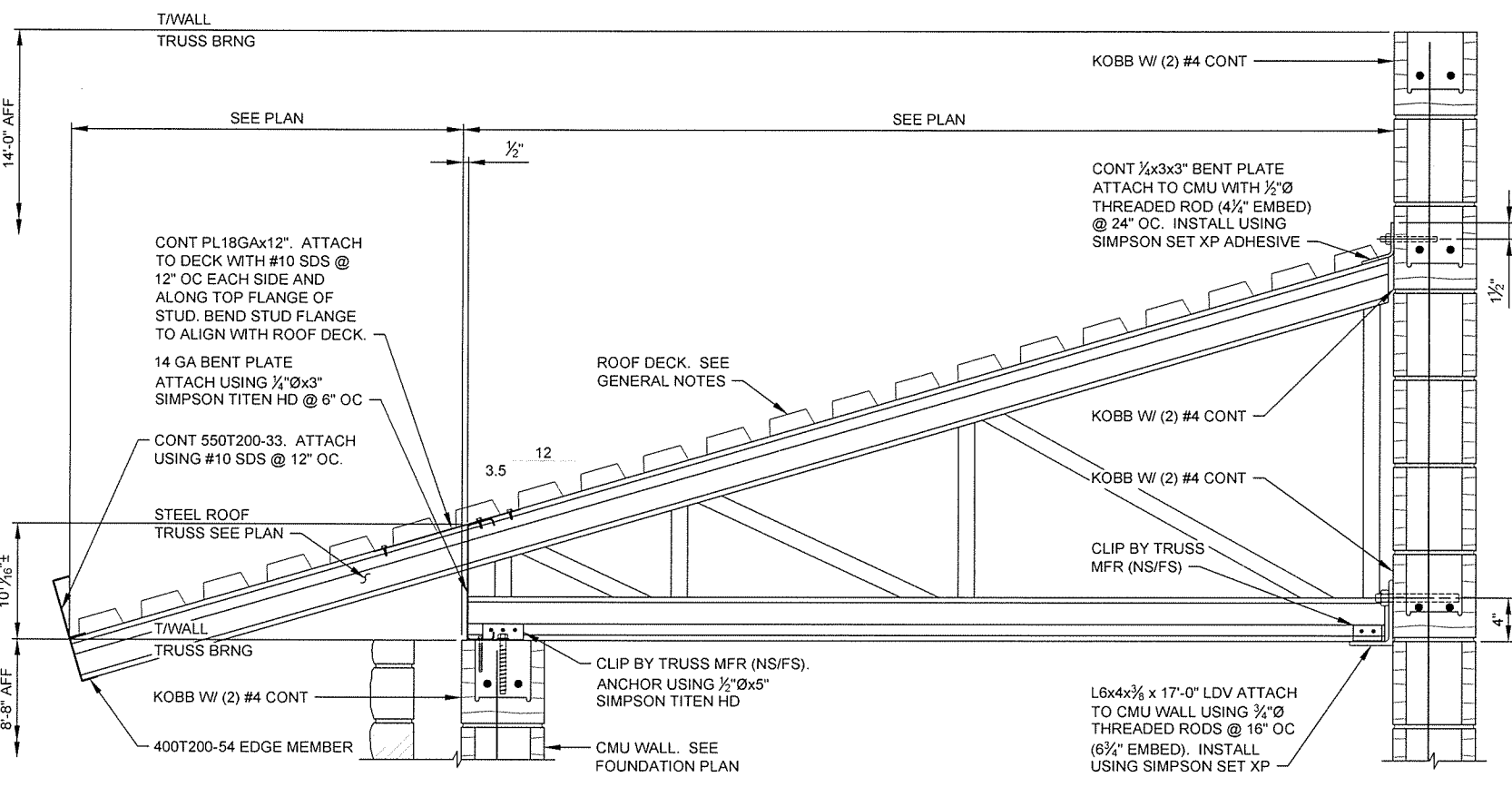
TOURIST INFORMATION CENTER
FOUNDATION SECTIONS

Sheet Reference Number:
S-301

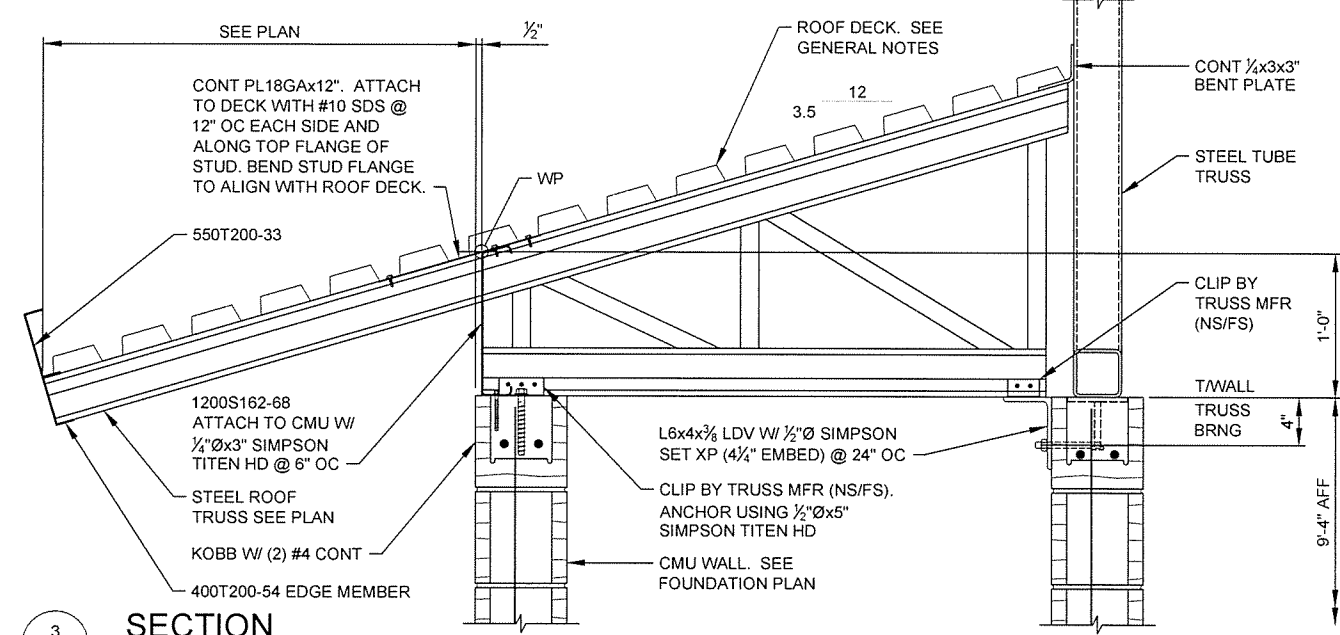
Sheet 72 of 105



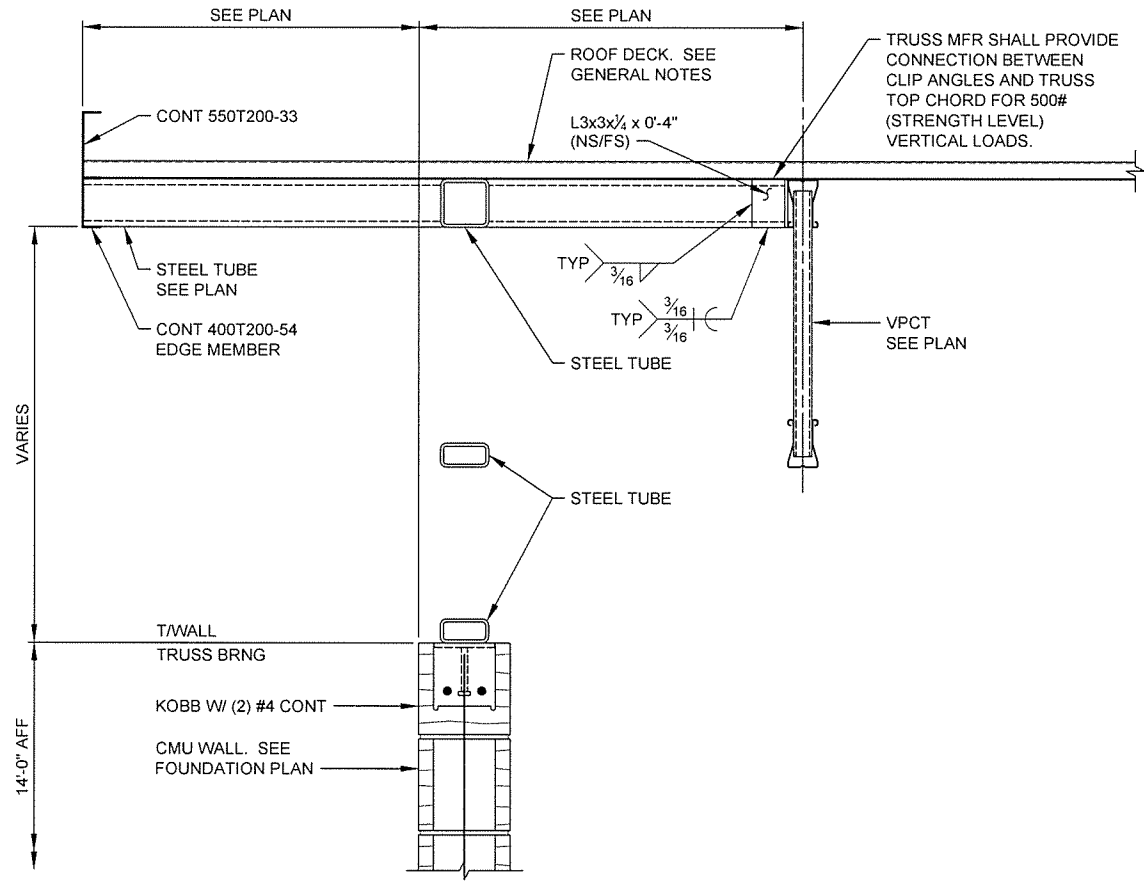
SECTION 1
S-102 | S-302 SCALE: 1 1/2" = 1'-0"



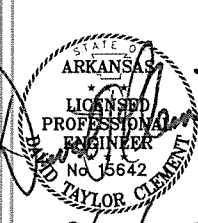
SECTION 2
S-102 | S-302 SCALE: 1 1/2" = 1'-0"



SECTION 3
S-102 | S-302 SCALE: 1 1/2" = 1'-0"



SECTION 4
S-102 | S-302 SCALE: 1 1/2" = 1'-0"

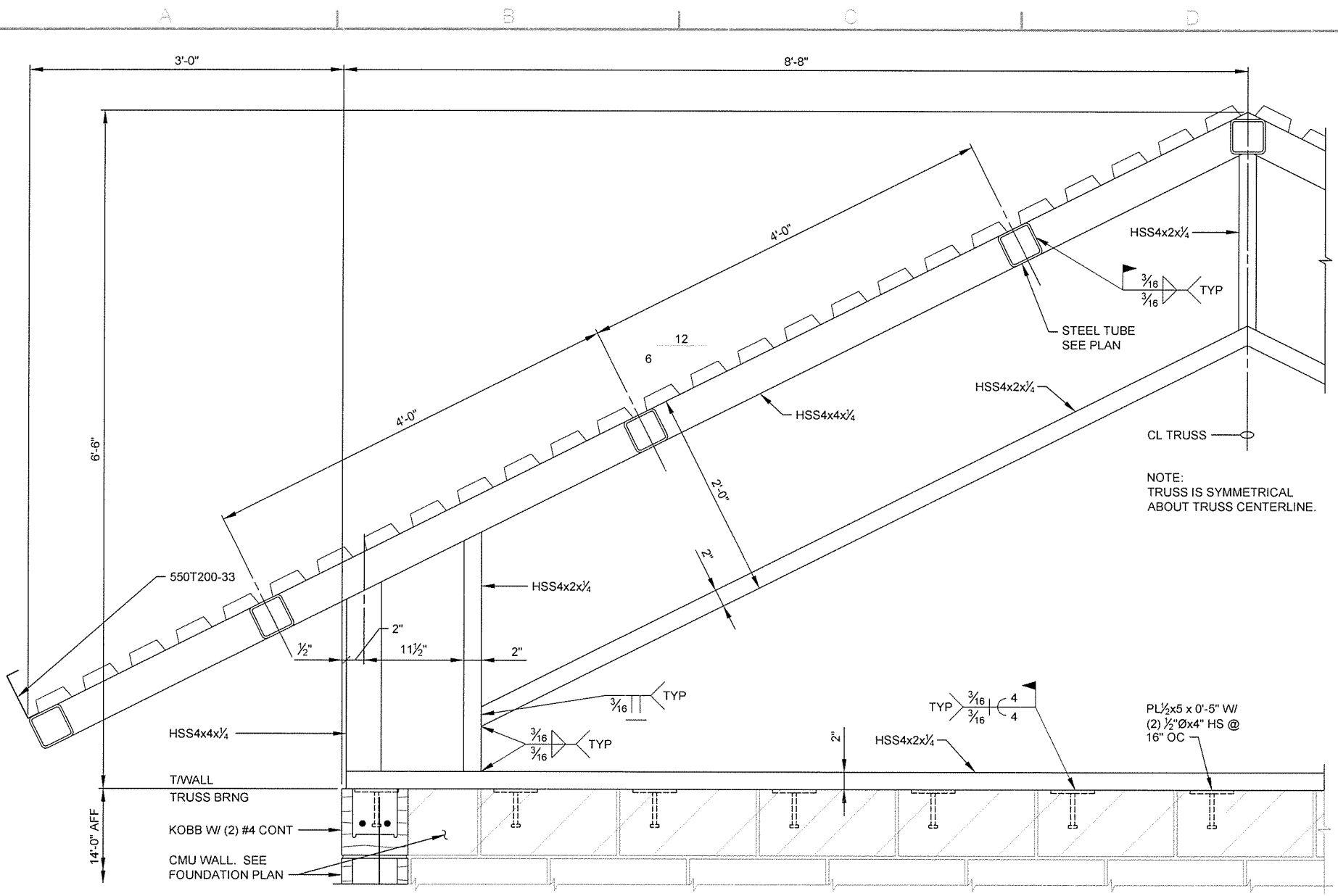
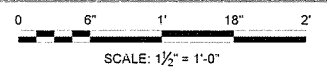


9/30/15

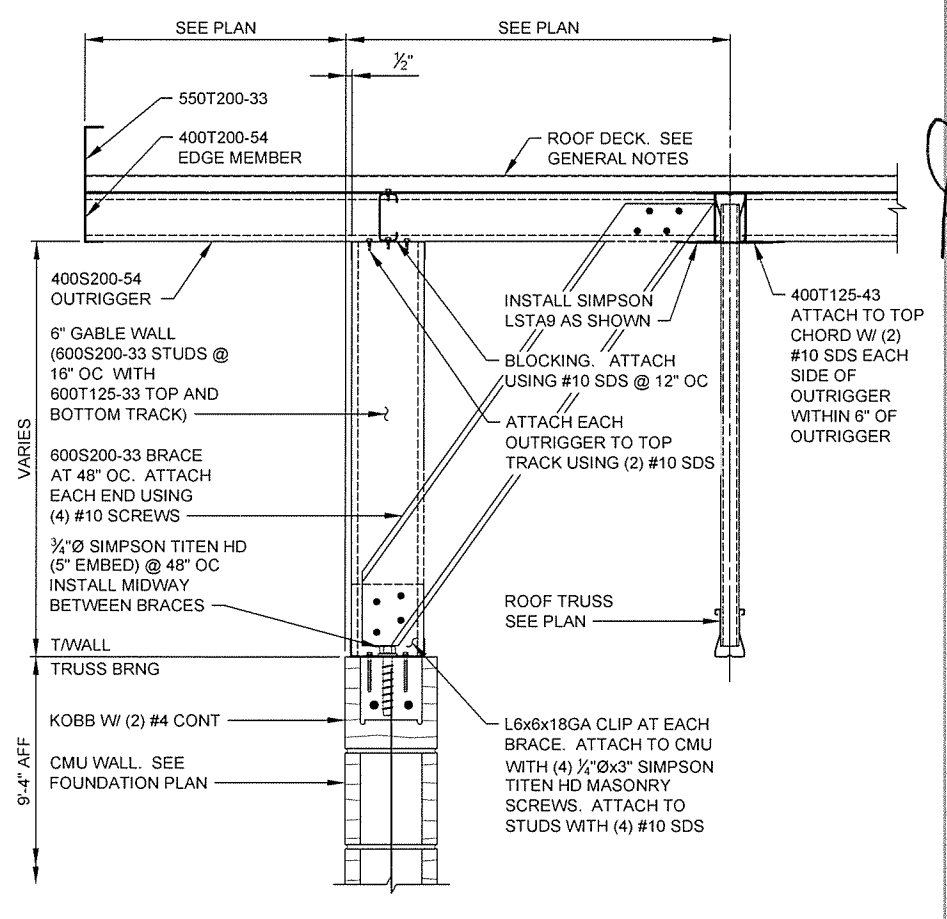
Symbol	IFC	Description	Date	Appr.
		ISSUED FOR CONSTRUCTION	10/1/15	JRR

Job Number	Submitted by	Plot Scale	Plot Date	Drawn by	Checked by	File Name
080497	John T. Walters, III, P.E. SE Director, Federal Services	1:1	9/30/15	S. BOYEN	G. ARCHER	ARHSBP-S-302.DWG

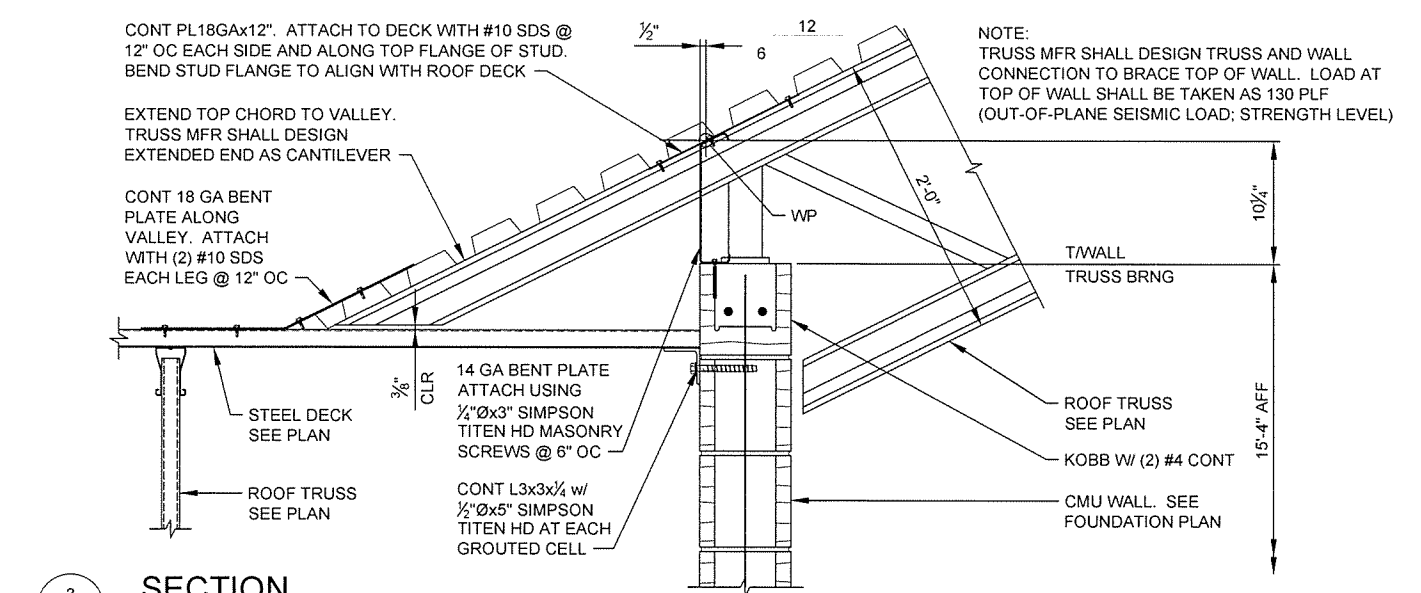
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 TOURIST INFORMATION CENTER
 FRAMING SECTIONS



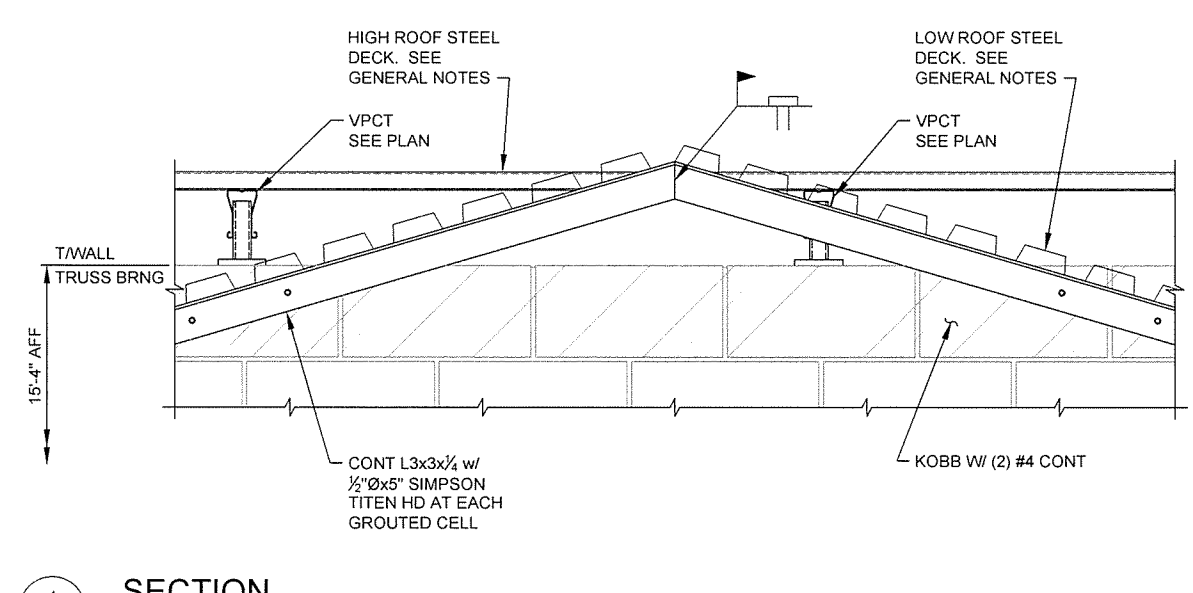
SECTION 1
S-102 S-303 SCALE: 1 1/2" = 1'-0"



SECTION 2
S-102 S-303 SCALE: 1 1/2" = 1'-0"



SECTION 3
S-102 S-303 SCALE: 1 1/2" = 1'-0"

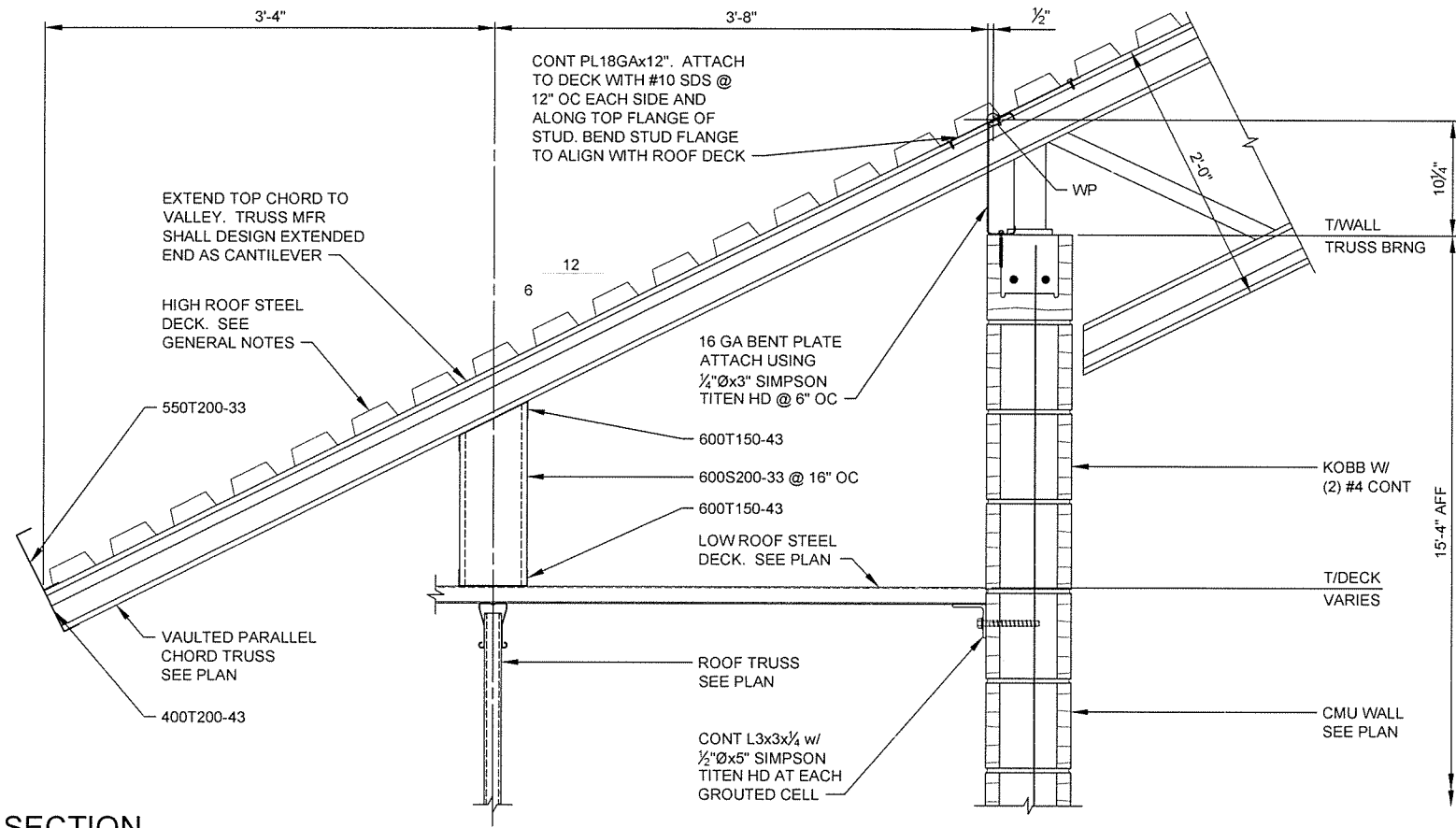


SECTION 4
S-102 S-303 SCALE: 1 1/2" = 1'-0"

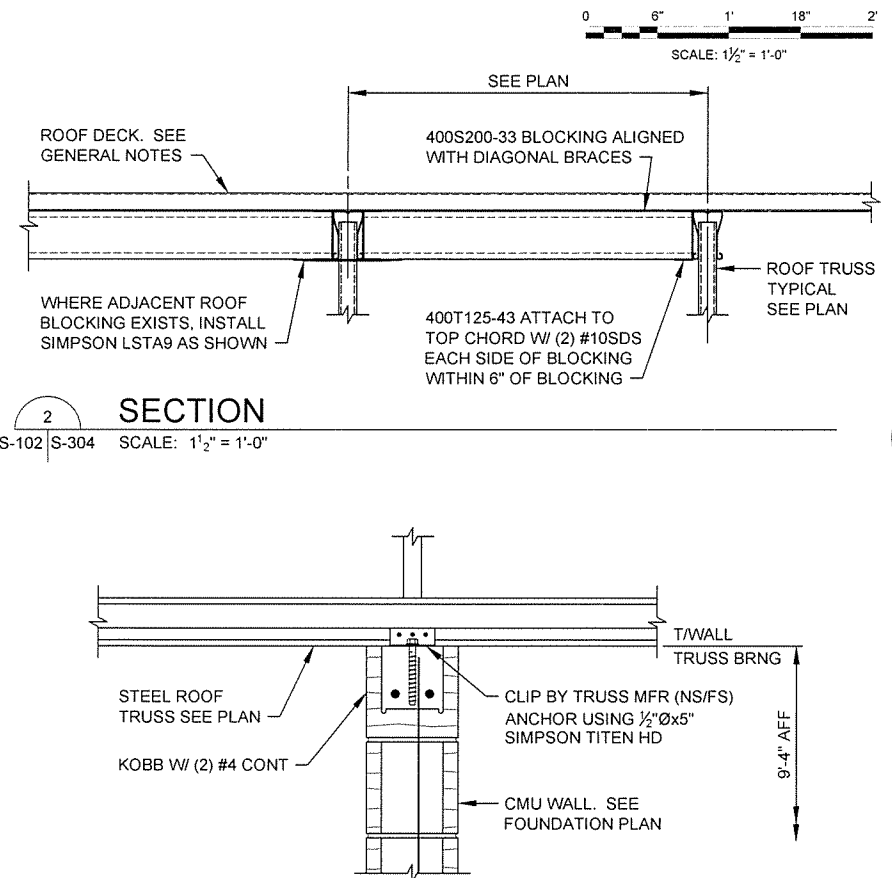
Job Number	Submitted by	Drawn by	Checked by	File Name
090497	John T. Walters, III, P.E. SE Director, Federal Services	S. BOWEN	G. ARCHER	AR15BP-S-303.DWG
	Plot Scale	Plot Date	Divg Code	
	N/A	9/30/15		
	N/A			
	N/A			
IFC Symbol	Description	Date	Appr	
	ISSUED FOR CONSTRUCTION	10/1/15	JRR	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497
 TOURIST INFORMATION CENTER
 FRAMING SECTIONS

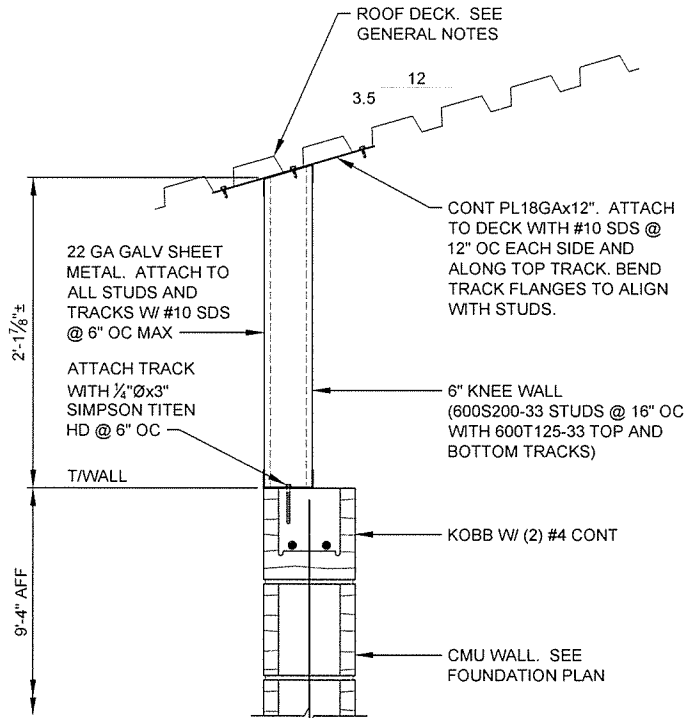
SECTION
S-102 | S-304 SCALE: 1 1/2" = 1'-0"



SECTION
S-102 | S-304 SCALE: 1 1/2" = 1'-0"

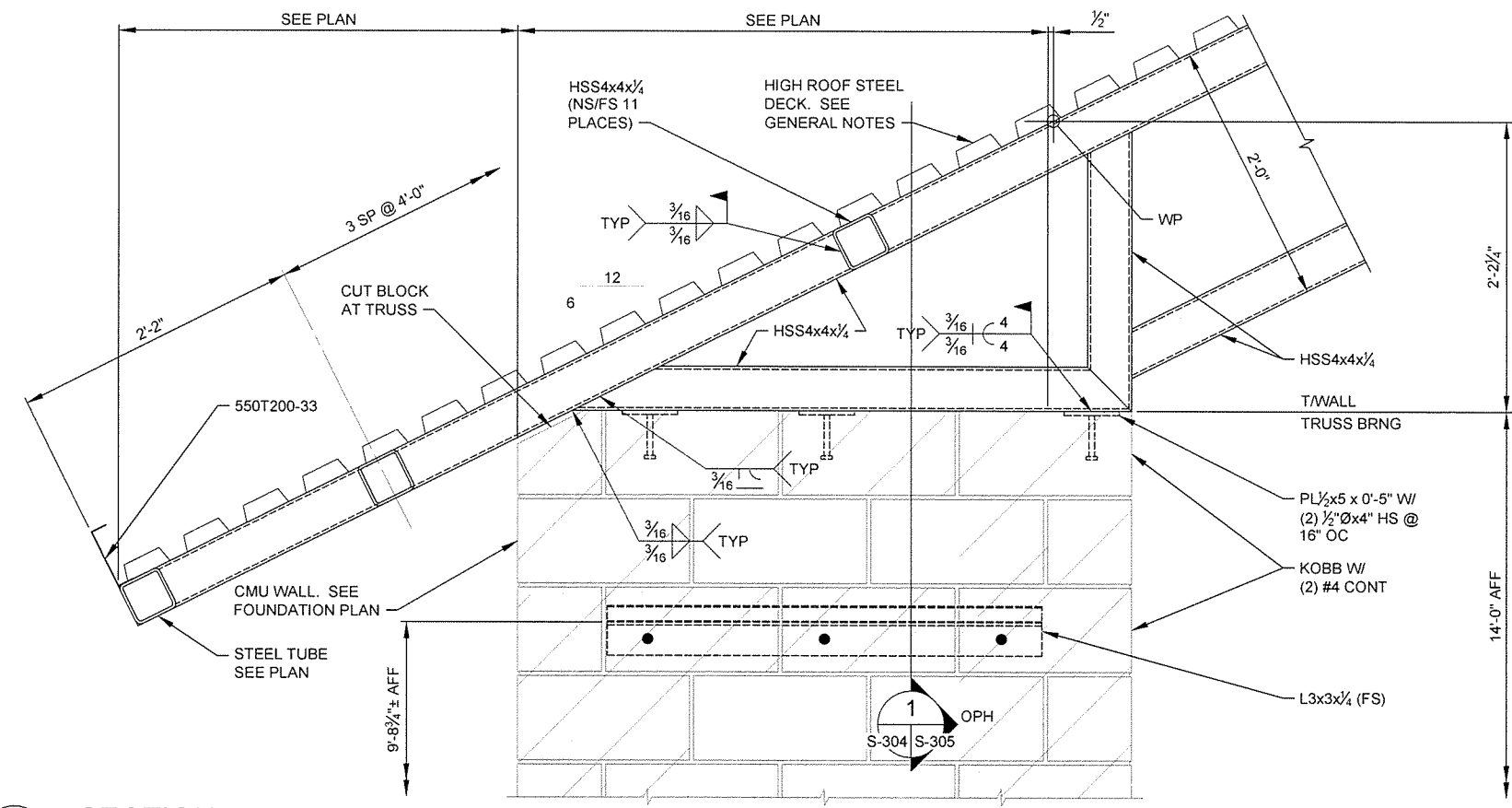


SECTION
S-102 | S-304 SCALE: 1 1/2" = 1'-0"



SECTION
S-102 | S-304 SCALE: 1 1/2" = 1'-0"

SECTION
S-102 | S-304 SCALE: 1 1/2" = 1'-0"



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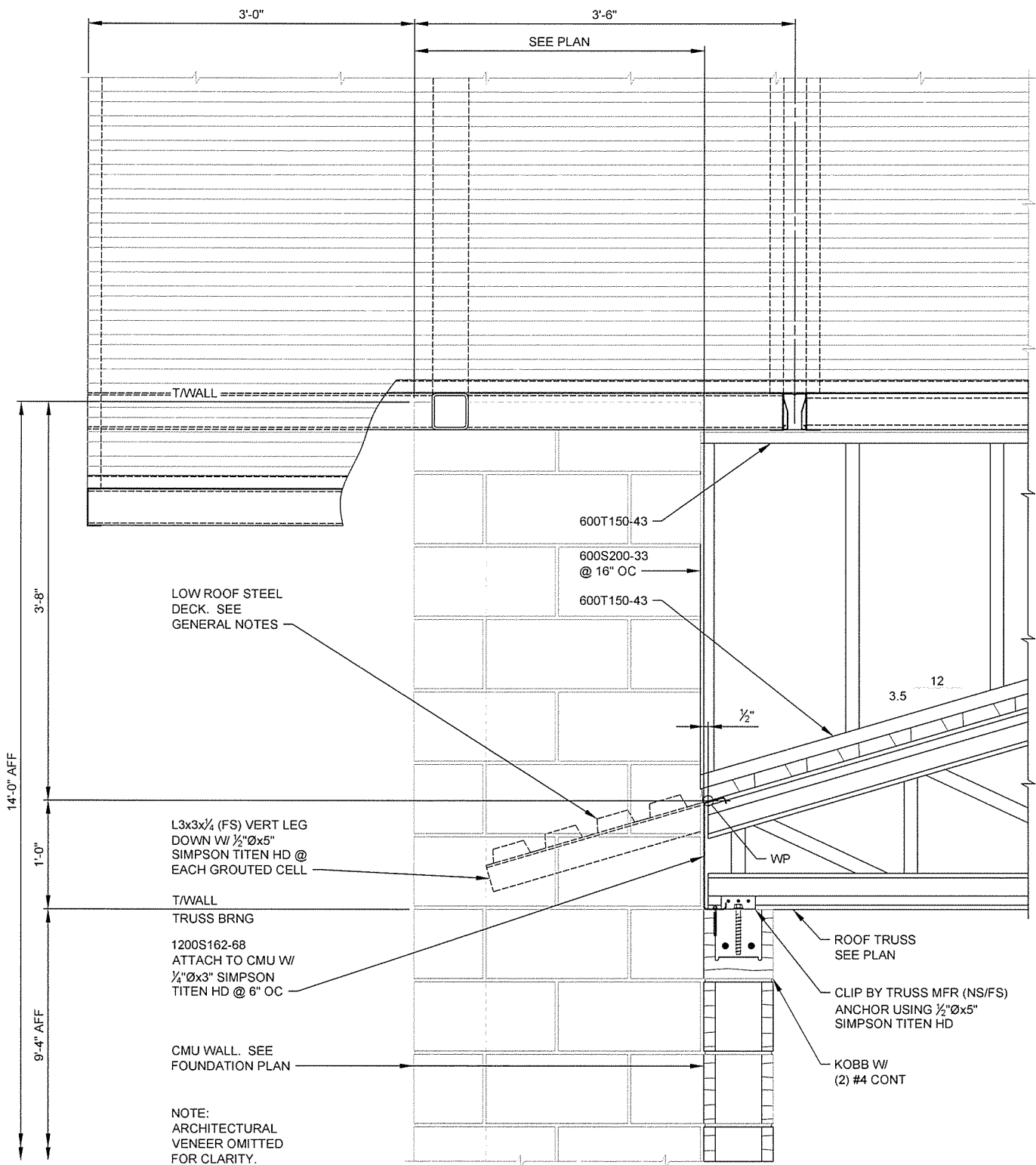
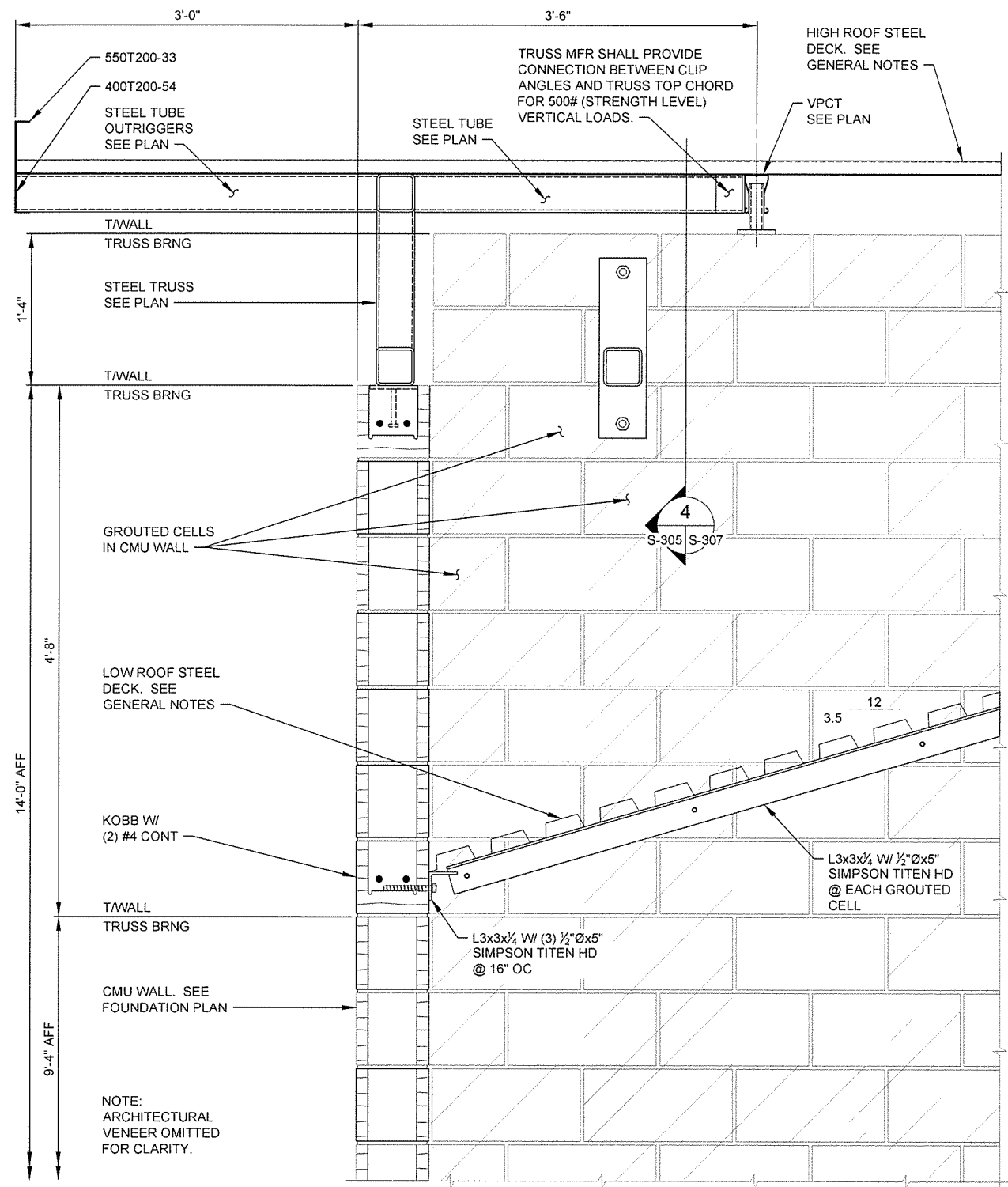
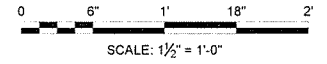
CERTIFICATE OF AUTHORIZATION
GARVER
LLC
No. 766
ARKANSAS ENGINEER

STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 15642
9/30/15

Job Number	080487	N/A	N/A	N/A
Submitted by	John T. Valone, III, PE, SE Director, Federal Services	Plot Scale	1:1	Drug Code
Designed by	D. CLEMENT	Drawn by	S. BOWEN	Checked by
Job Date	9/30/15	Issue Date		Issue Description
Issued For Construction		Symbol		

Arkansas Highway and Transportation Department	Arkansas Tourist Information Center
(BIG PINEY) (S)	JOB 080487
TOURIST INFORMATION CENTER FRAMING SECTIONS	

Sheet Reference Number:
S-304
Sheet 75 of 105



SECTION 1
S-102 S-305 S-304 SCALE: 1 1/2" = 1'-0"

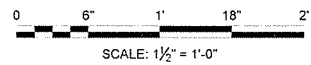
SECTION 2
S-102 S-305 SCALE: 1 1/2" = 1'-0"

JRR	Appr
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IPC	Symbol

Job Number	060-67
Submitted by	John T. Watkins, III, P.E. SE Director, Federal Services
Plot Date	9/30/15
Plot Scale	1:1
Drawn by	S. BOWEN
Checked by	G. ARCHER
File Name	AH15BP-S-305.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
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 JOB 060497
 TOURIST INFORMATION CENTER
 FRAMING SECTIONS

Sheet Reference Number:
S-305
 Sheet 76 of 105



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CERTIFICATE OF AUTHORITY
GARVER LLC
 No. 766
 ARKANSAS ENGINEER

ARKANSAS
 LICENSED
 PROFESSIONAL
 ENGINEER
 No. 15642
David Taylor Clement
 9/30/15

JRR
 Appr.
 10/1/15
 Date

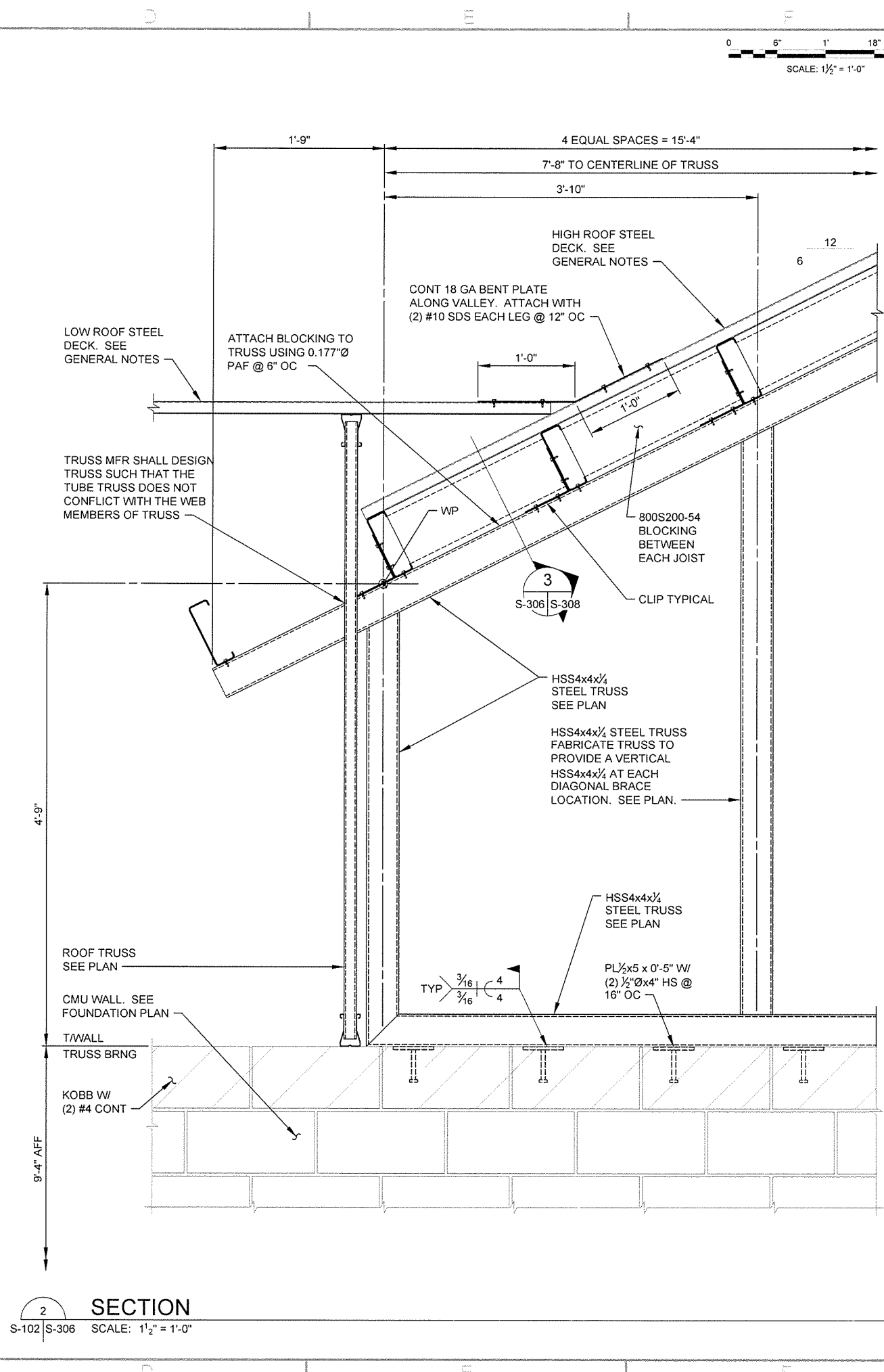
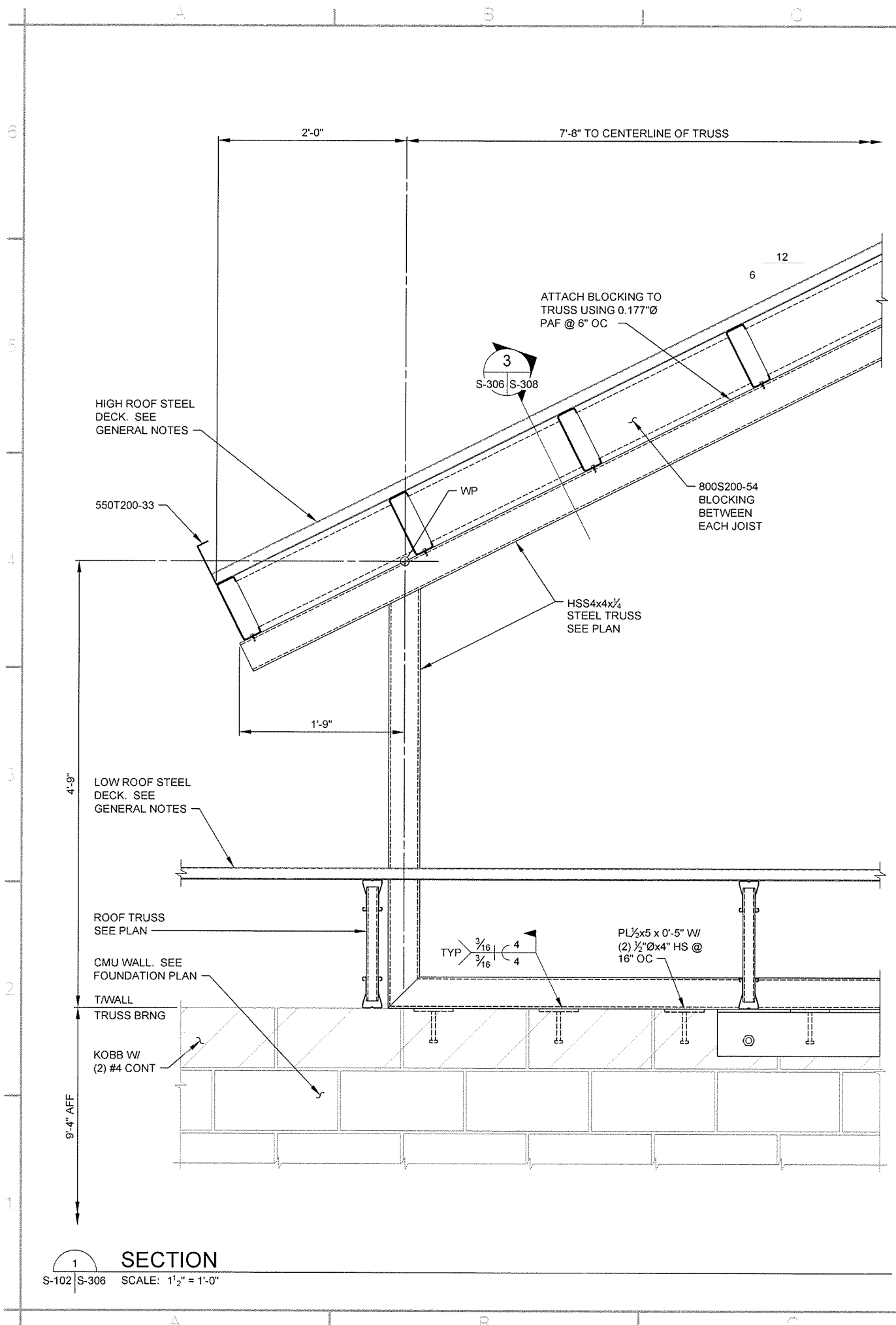
ISSUED FOR CONSTRUCTION
 Description
 IFC
 Symbol

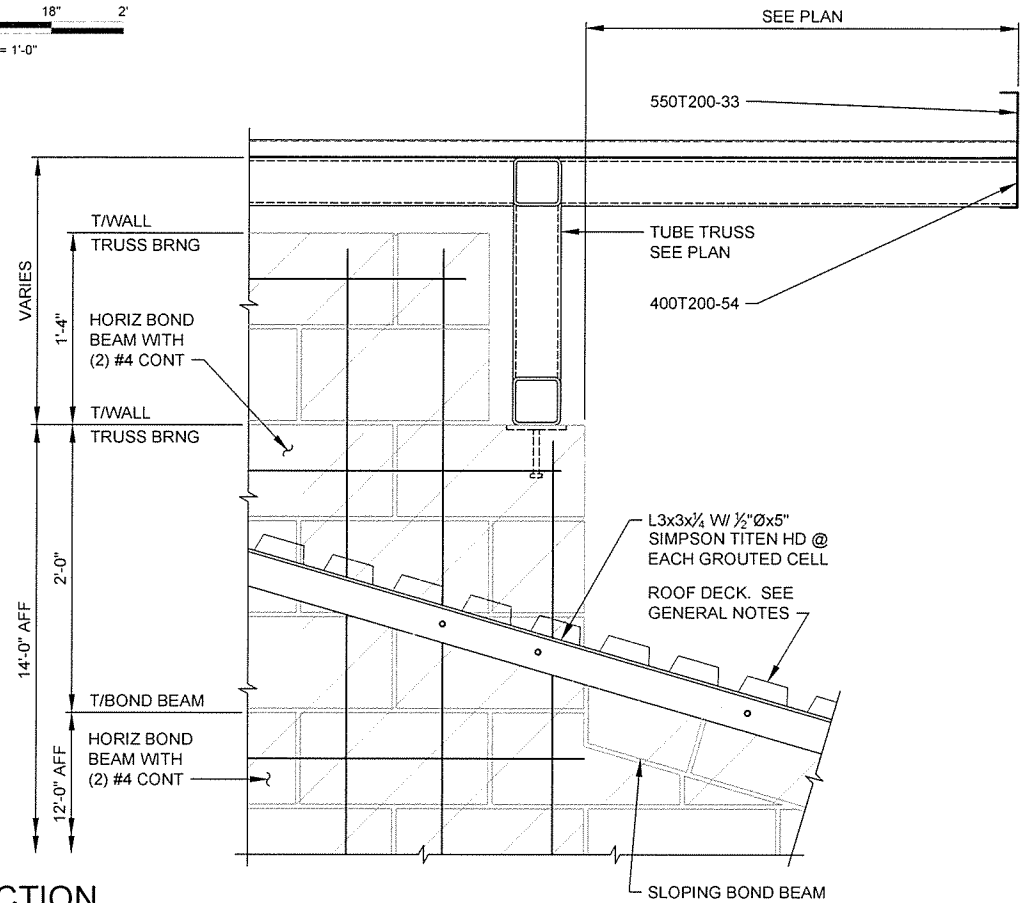
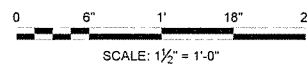
Designed by D. CLEMENT	Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Job Number 080497	Job Title N/A	Job Date 9/30/15	Job Scale 1:1	Job Code N/A	Job Title N/A	Job Date N/A	Job Scale N/A	Job Code N/A
Drawn by S. BOWEN	Checked by G. ARCHER	File Name AHT15BP-S-306.DWG								

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

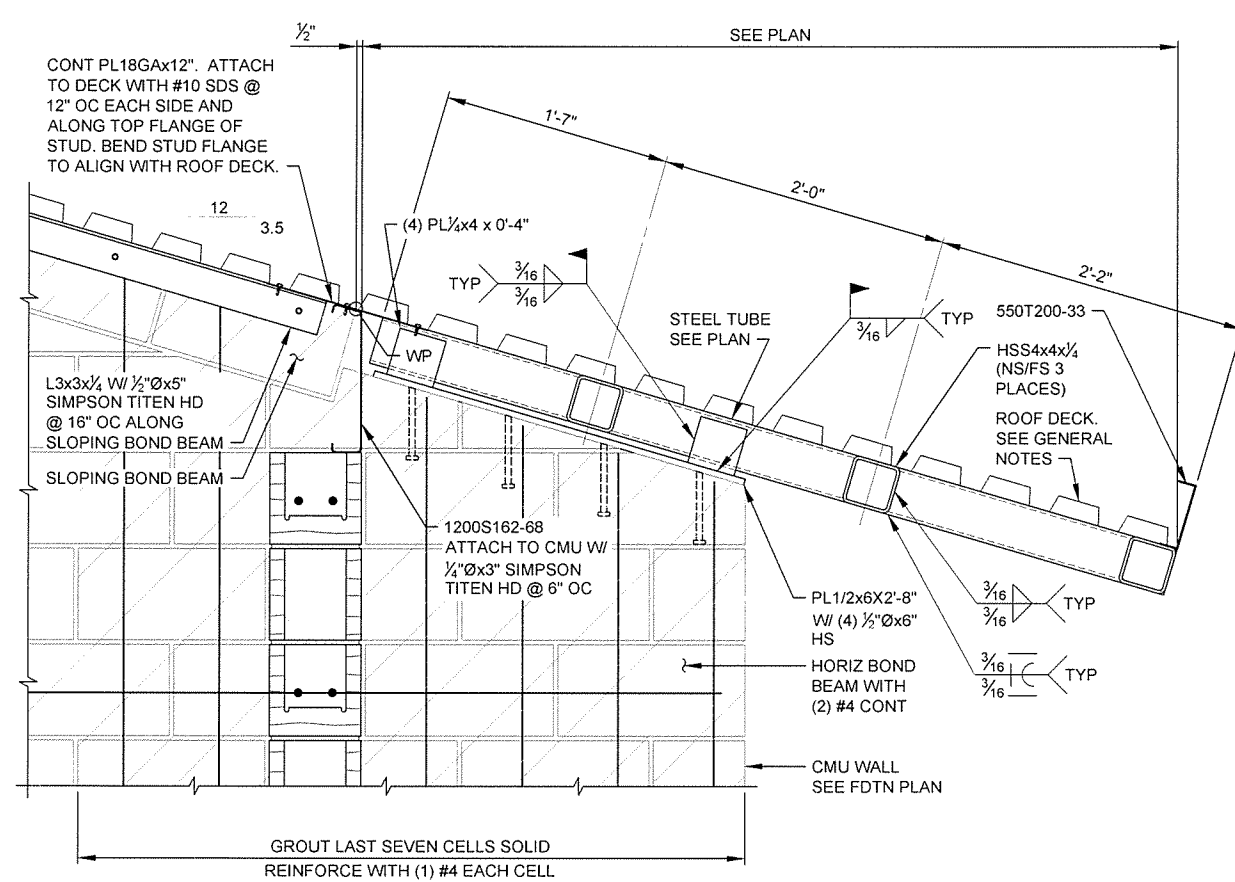
TOURIST INFORMATION CENTER
 FRAMING SECTIONS

Sheet
 Reference
 Number:
S-306
 Sheet 77 of 105

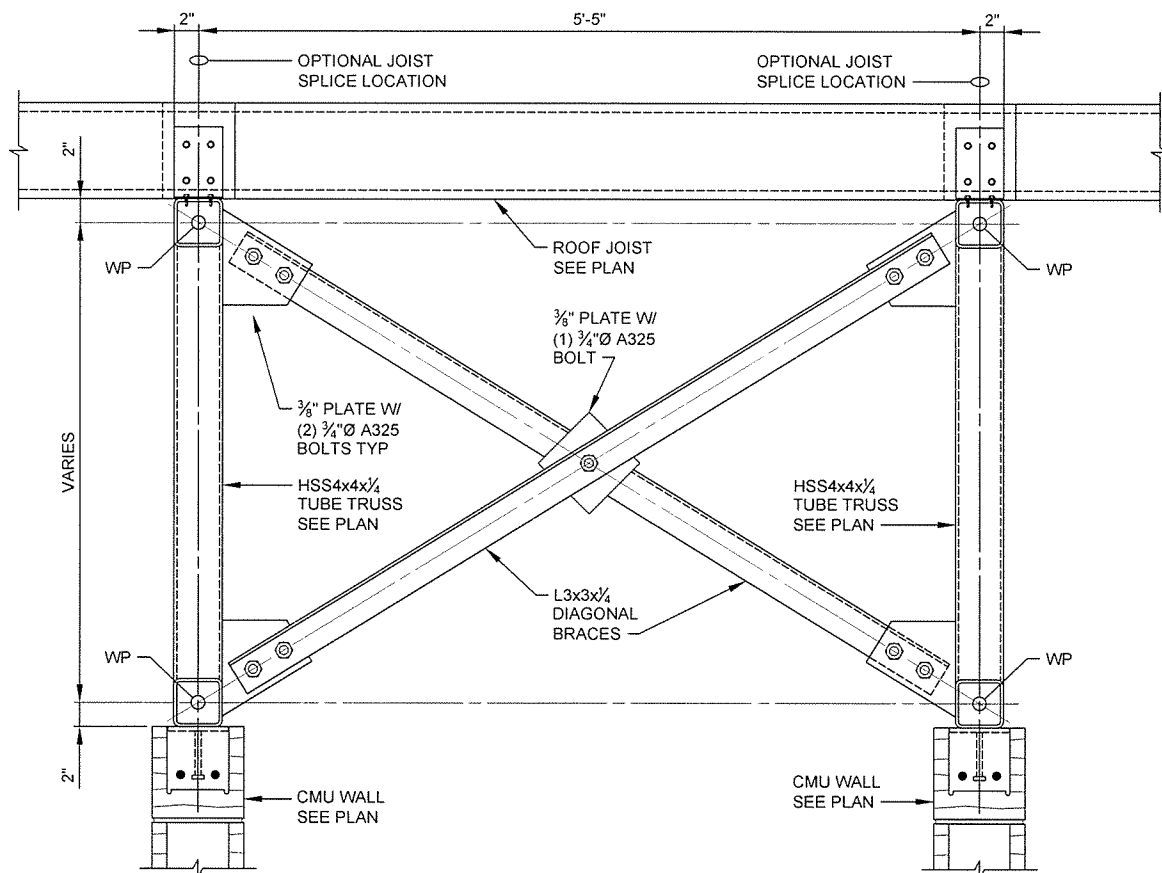




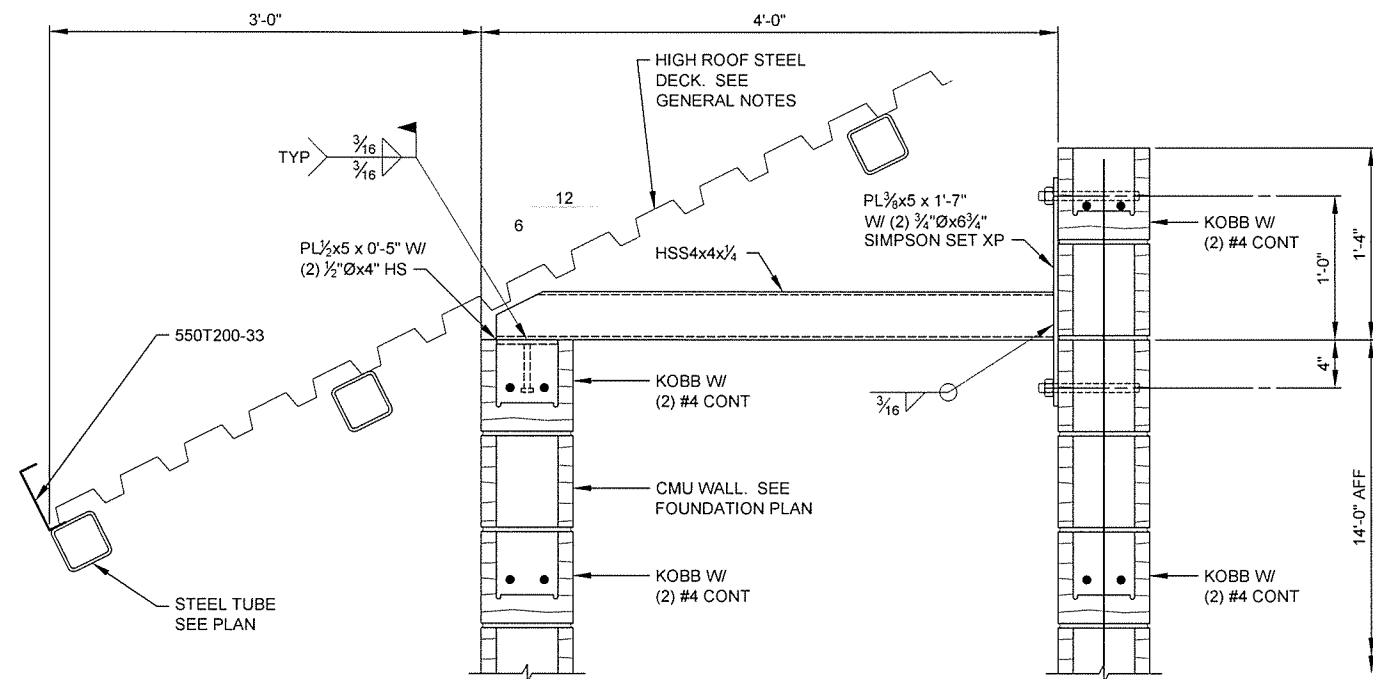
SECTION 1
S-102 | S-307 SCALE: 1/2" = 1'-0"



SECTION 2
S-102 | S-307 SCALE: 1/2" = 1'-0"



SECTION 3
S-102 | S-307 SCALE: 1/2" = 1'-0"



SECTION 4
S-102 | S-307 SCALE: 1/2" = 1'-0"



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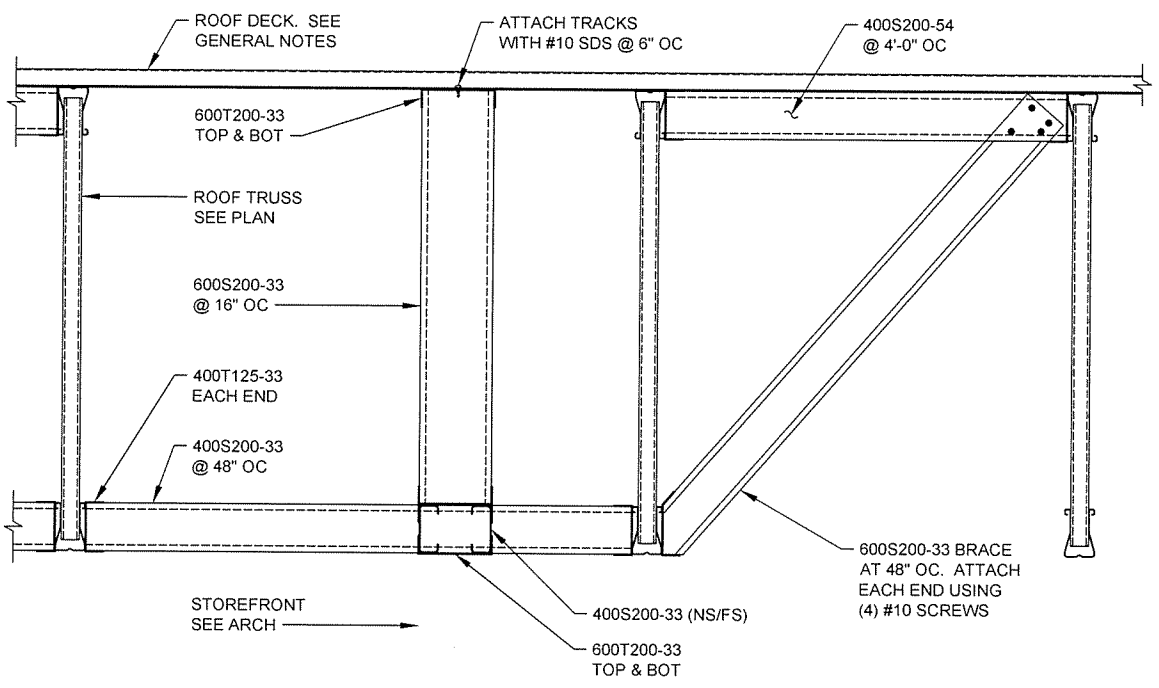


STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 45642
9/30/15
TAYLOR CLEMENT

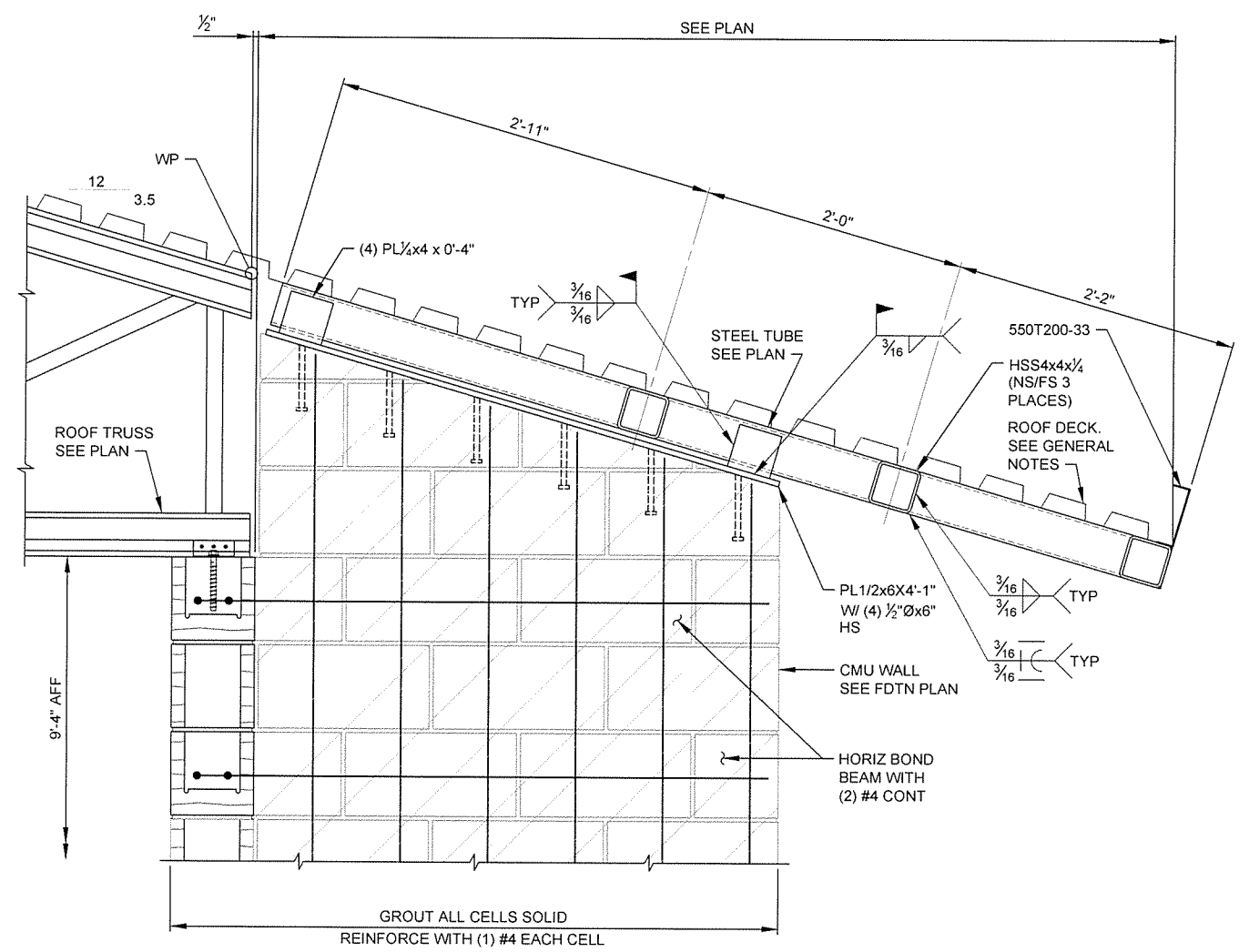
Job Number	060-87	Job Title	
Submitted by	John T. Wilkins, III, PE, SE Director, Federal Services	Project Scale	1:1
Designed by	D. CLEMENT	Drawn by	S. BOWEN
Checked by	G. ARCHER	File Name	AH18BP-S-307.DWG
Issue For Construction		Date	10/11/15
Appr.	JRR	Date	10/11/15
Symbol		Description	ISSUED FOR CONSTRUCTION

Arkansas Highway and Transportation Department	Arkansas Tourist Information Center
(BIG PINEY) (S)	JOB 080497
TOURIST INFORMATION CENTER	
FRAMING SECTIONS	

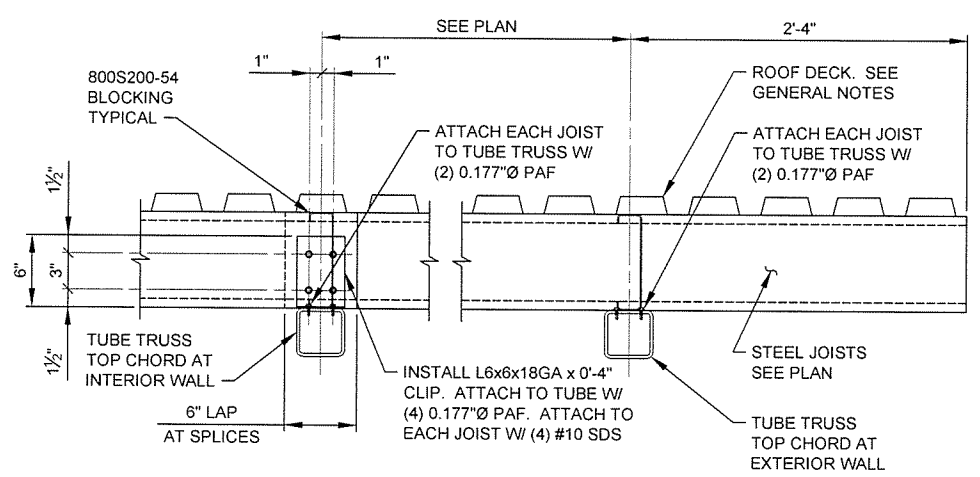
Sheet Reference Number:	S-307
Sheet	78 of 105



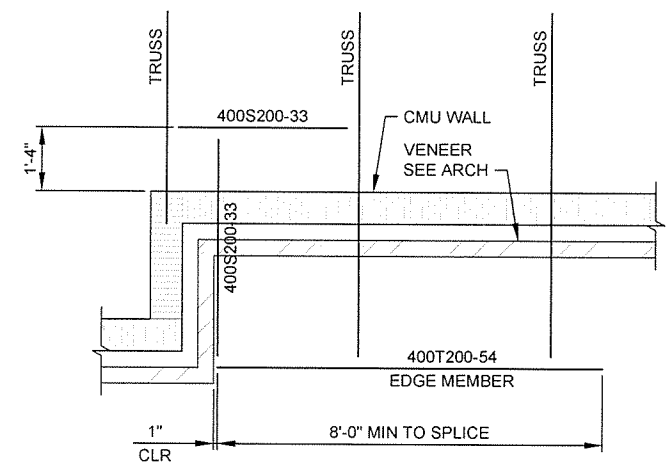
SECTION 1
S-102 | S-308 SCALE: 1 1/2" = 1'-0"



SECTION 2
S-102 | S-308 SCALE: 1 1/2" = 1'-0"



SECTION 3
S-306 | S-308 SCALE: 1 1/2" = 1'-0"



SECTION 4
S-102 | S-308 SCALE: 1 1/2" = 1'-0"



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CERTIFICATE OF AUTHORIZATION
GARVER LLC
No. 766
ARKANSAS ENGINEER

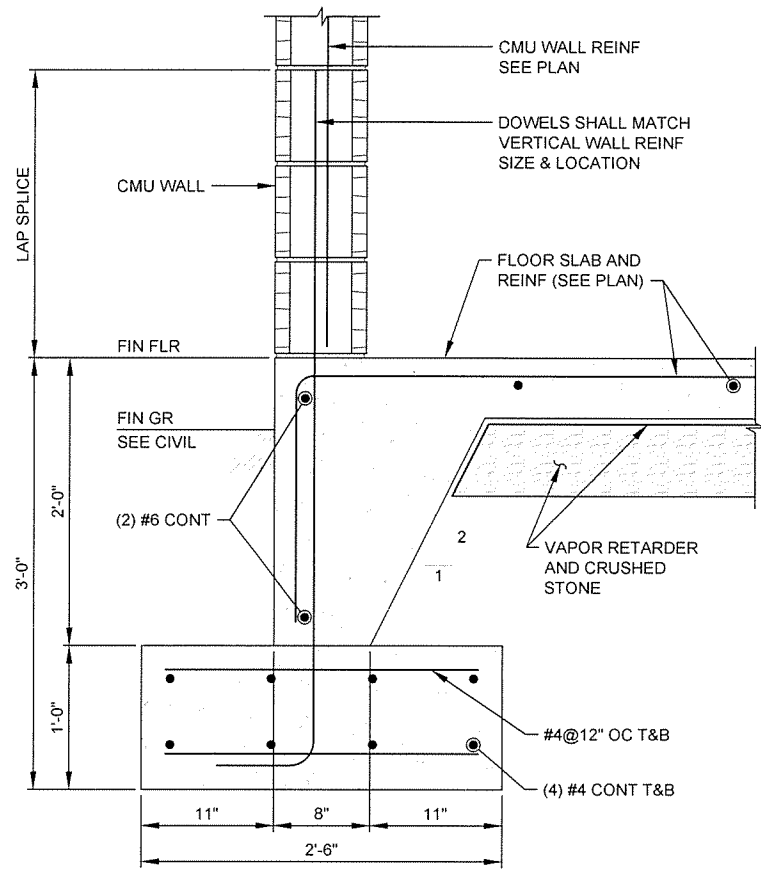
STATE OF ARKANSAS
PROFESSIONAL ENGINEER
No. 15842
David Taylor Clement
9/30/15

JRR	Appr.
10/11/15	Date
ISSUED FOR CONSTRUCTION	Description
PC	Symbol

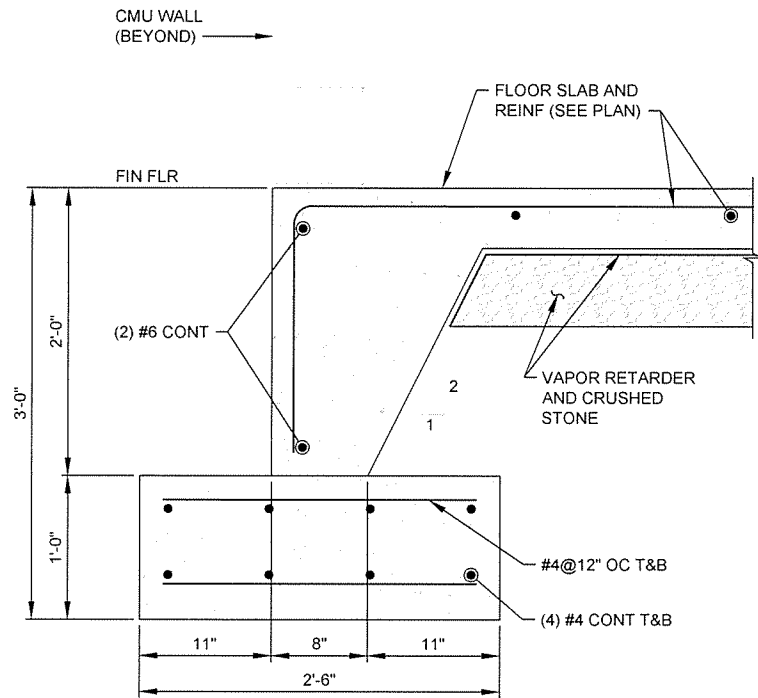
Job Number 080497	N/A	N/A	N/A
Submitted by John T. Williams, III, PE, SE Director, Federal Services	Plot Scale 1:1	Plot Date 9/30/15	Dwg Code
Designed by D. CLEMENT	Drawn by S. BOVEN	Checked by G. ARCHER	File Name ARHBP-S-308.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
TOURIST INFORMATION CENTER
FRAMING SECTIONS

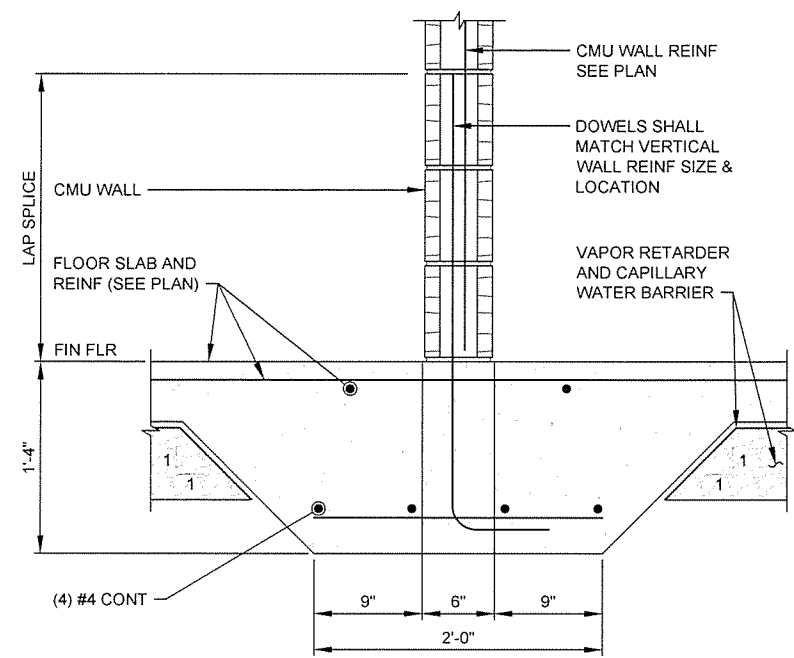
Sheet Reference Number:
S-308
Sheet 79 of 105



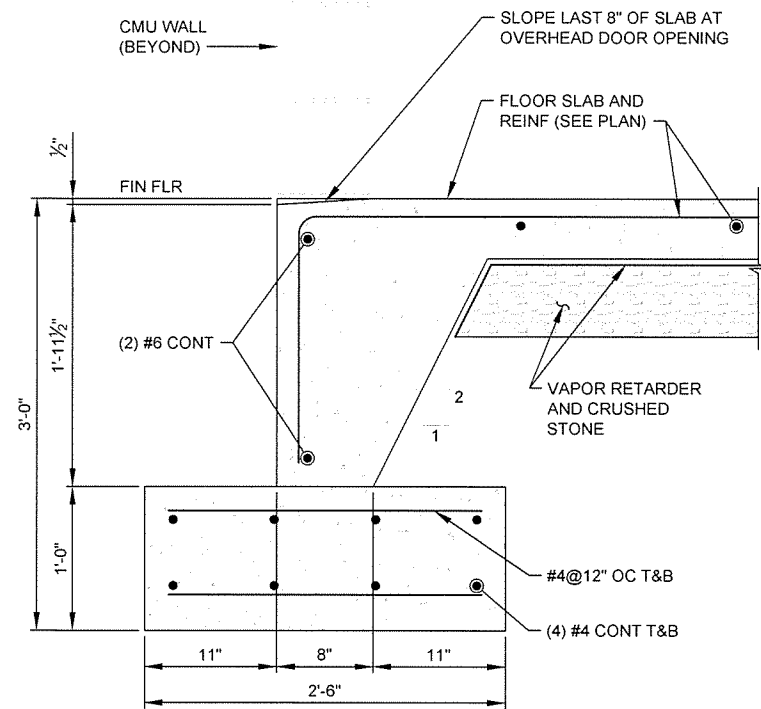
SECTION 1
S-121 | S-321 SCALE: 1/2" = 1'-0"



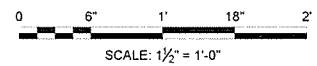
SECTION 2
S-121 | S-321 SCALE: 1/2" = 1'-0"



SECTION 3
S-121 | S-321 SCALE: 1/2" = 1'-0"



SECTION 4
S-121 | S-321 SCALE: 1/2" = 1'-0"



STATE OF ARKANSAS
LICENSED PROFESSIONAL ENGINEER
No. 56642
TAYLOR CLEMENT
9/30/15

ISSUED FOR CONSTRUCTION	IFC Symbol
Date	10/1/15
Appr.	JRR

Submitted by	John T. Vaters, III, P.E. SE Director, Permit Services	Job Number	080497
Designed by	D. CLEMENT	Plot Date	9/30/15
Drawn by	S. BOWEN	Plot Scale	1:1
Checked by	G. ARCHER	Drug Code	N/A
File Name	ART15BP-S-321.DWG		

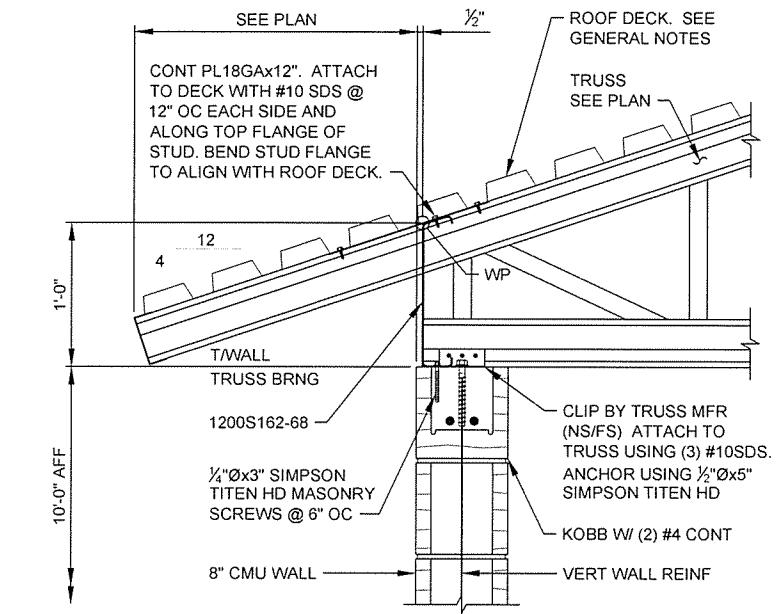
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
MAINTENANCE BUILDING
FOUNDATION SECTIONS

Sheet Reference Number:
S-321
Sheet 80 of 105

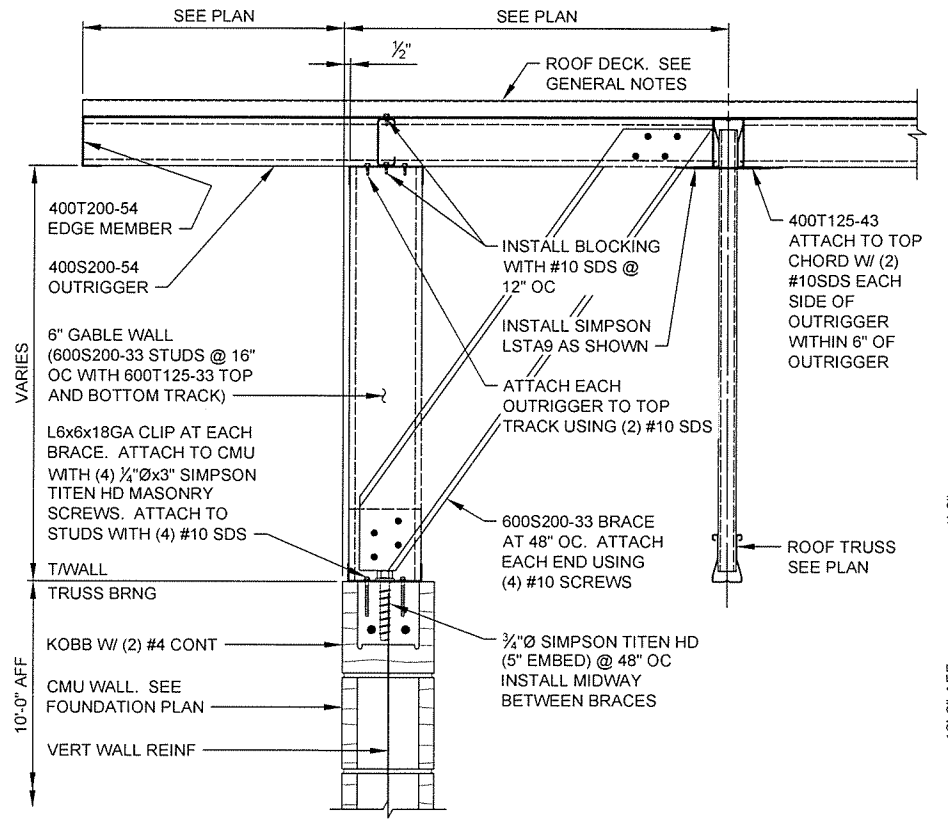
Job Number	080487	Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Plot Date	9/30/15	Plot Scale	1:1	Job Title	
Job Description		Designed by	D. CLEMENT	Drawn by	S. BOWEN	Checked by	G. ARCHER	File Name	AR15BP-S-322.DWG
IFC Symbol		Issued For Construction		Date	10/11/15	Appr.	JRR		

Job Number	080487	Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Plot Date	9/30/15	Plot Scale	1:1	Job Title	
Job Description		Designed by	D. CLEMENT	Drawn by	S. BOWEN	Checked by	G. ARCHER	File Name	AR15BP-S-322.DWG

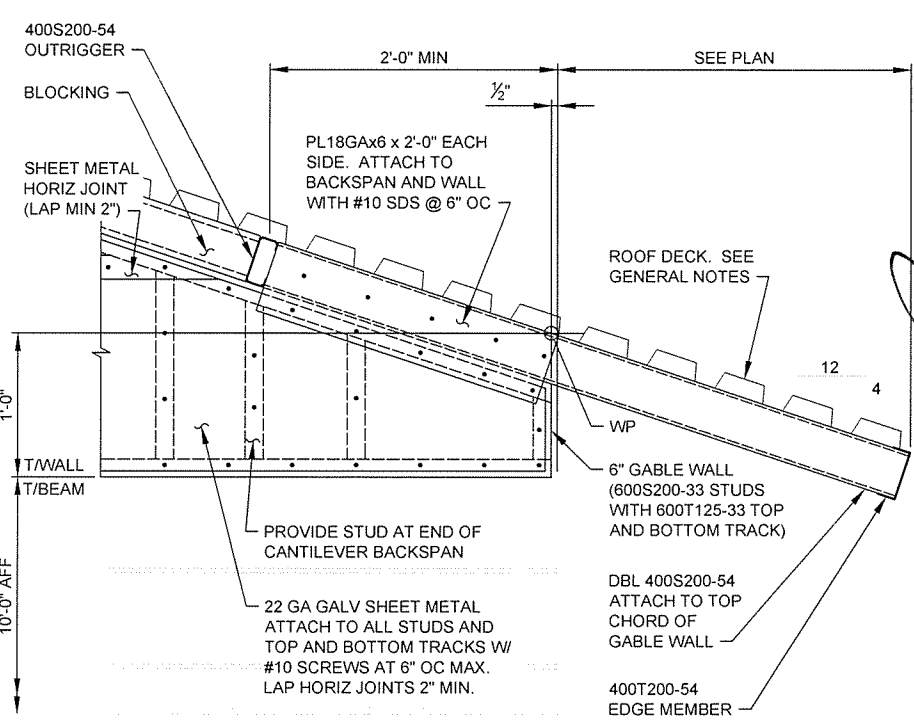
ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080487
 MAINTENANCE BUILDING
 FRAMING SECTIONS



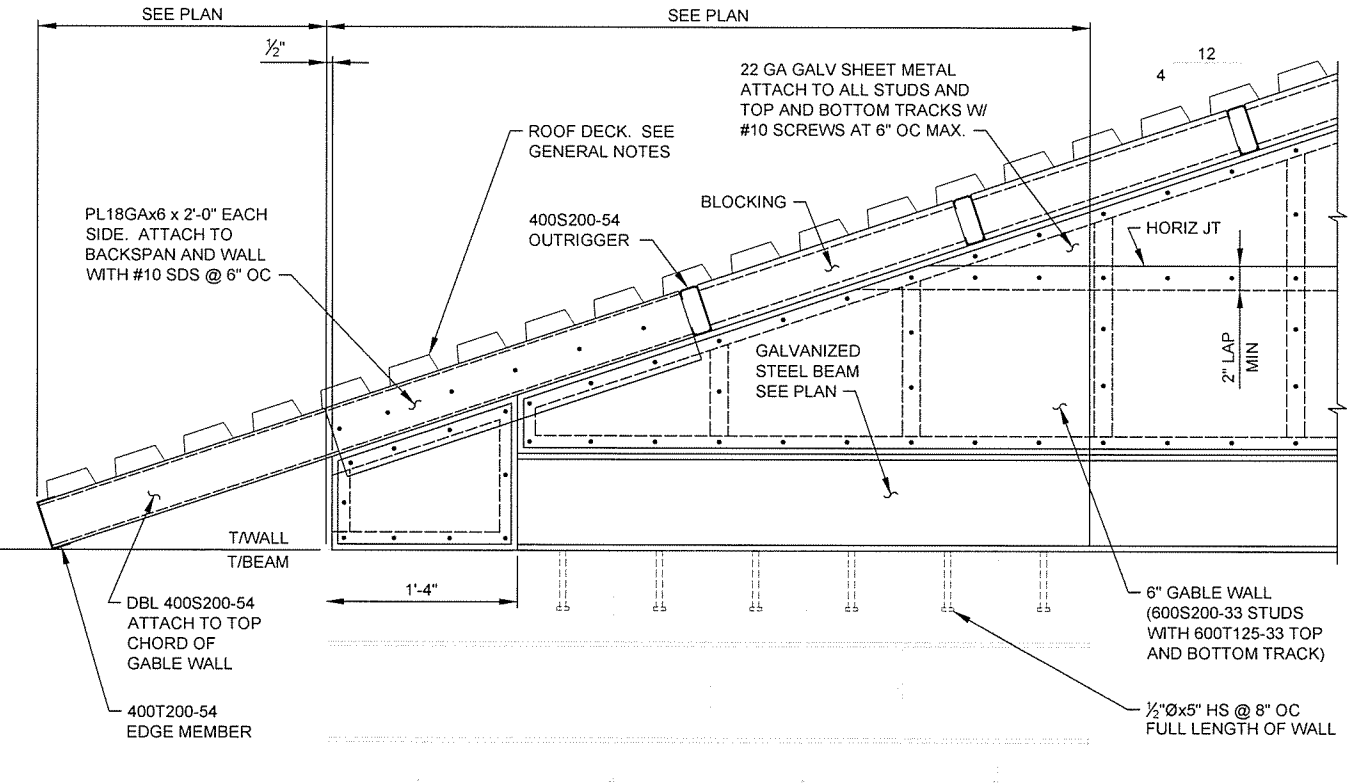
SECTION 1
 S-121|S-322 SCALE: 1 1/2" = 1'-0"



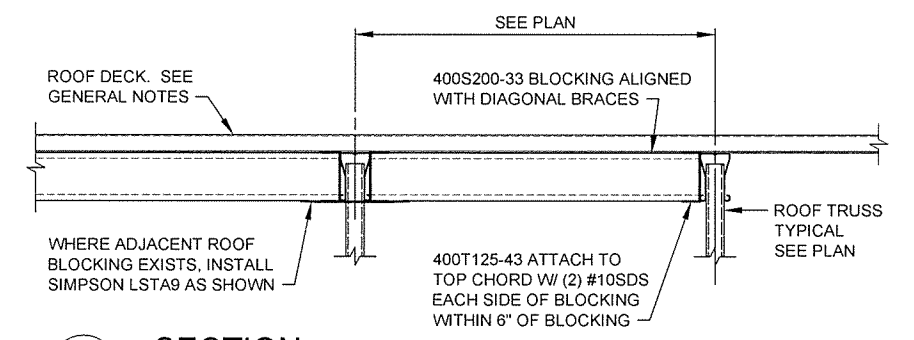
SECTION 2
 S-121|S-322 SCALE: 1 1/2" = 1'-0"



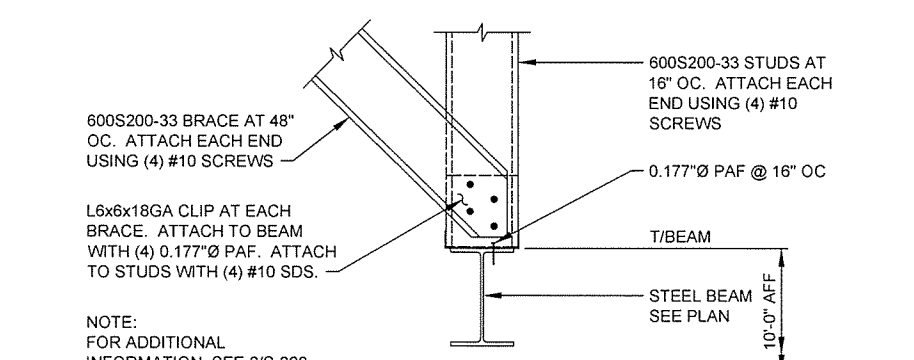
SECTION 3
 S-121|S-322 SCALE: 1 1/2" = 1'-0"



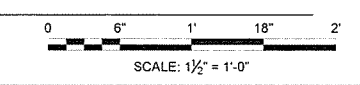
SECTION 4
 S-121|S-322 SCALE: 1 1/2" = 1'-0"

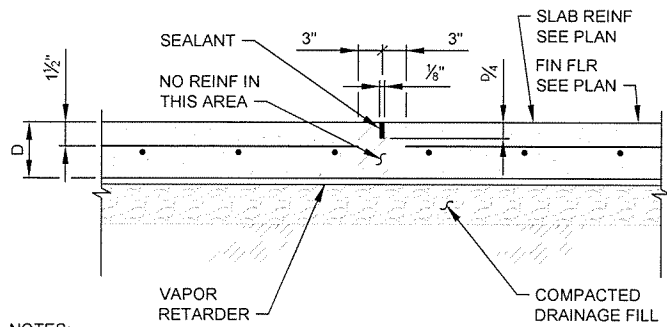


SECTION 5
 S-121|S-322 SCALE: 1 1/2" = 1'-0"



SECTION 6
 S-121|S-322 SCALE: 1 1/2" = 1'-0"

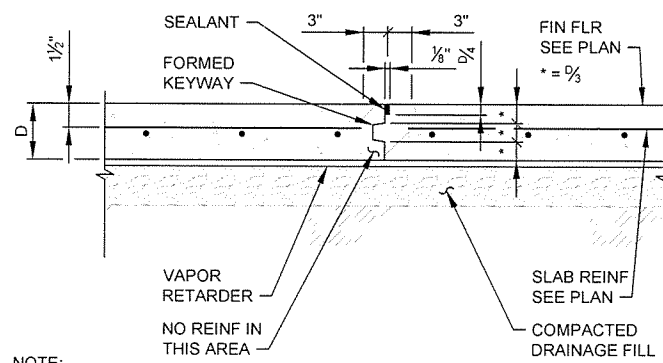




NOTES:

1. SEE FOUNDATION PLAN(S) FOR ADDITIONAL SLAB INFORMATION INCLUDING DEPTH AND REINFORCING.
2. THE SAWCUTTING SHALL BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING WITHOUT CHIPPING, SPALLING, OR TEARING, BUT NOT MORE THAN EIGHT HOURS AFTER CASTING.
3. THE CONTRACTOR MAY ELECT TO SAWCUT ANY CONSTRUCTION JOINTS AS SHOWN ON PLAN.

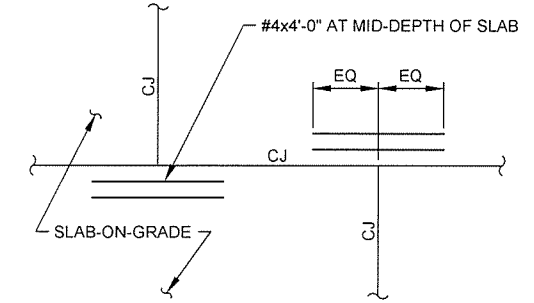
SAWCUT CONTROL JOINT



NOTE:

- SEE FOUNDATION PLAN(S) FOR ADDITIONAL SLAB INFORMATION INCLUDING DEPTH AND REINFORCING.

CONSTRUCTION JOINT



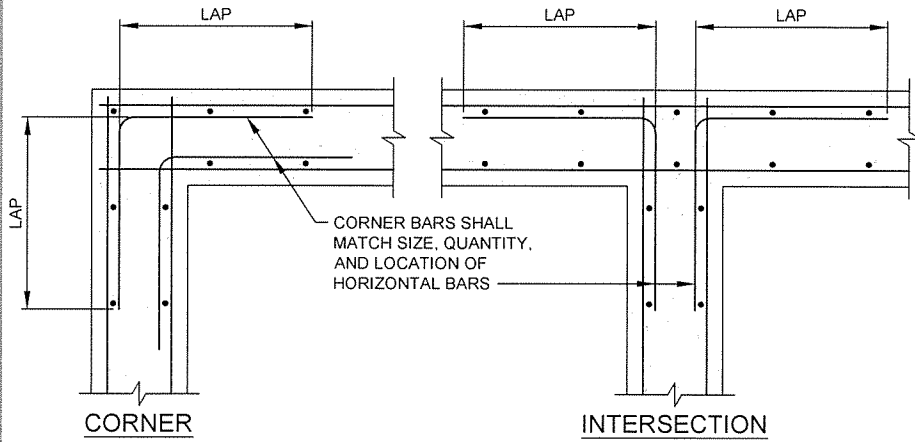
DETAIL - REINF AT CONSTRUCTION JOINT

1 S-501 DETAIL - TYPICAL SLAB JOINTS

SCALE: NONE

2 S-501

SCALE: NONE



3 S-501 DETAIL - FOOTING REINFORCING

SCALE: NONE



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N Little Rock, AR 72118
501-376-3633
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9/30/15

JRR
Date 10/11/15

ISSUED FOR CONSTRUCTION
Description

IFC
Symbol

Job Number
080487

Submitted by
John T. Williams, III, P.E., SE
Director, Federal Services

Drawn by
S. BOWEN

Checked by
G. ARCHER

File Name:
AHTSPP-S-501.DWG

Plot Date
9/30/15

Plot Scale
1:1

Dwg Code

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

N/A

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N/A

N/A

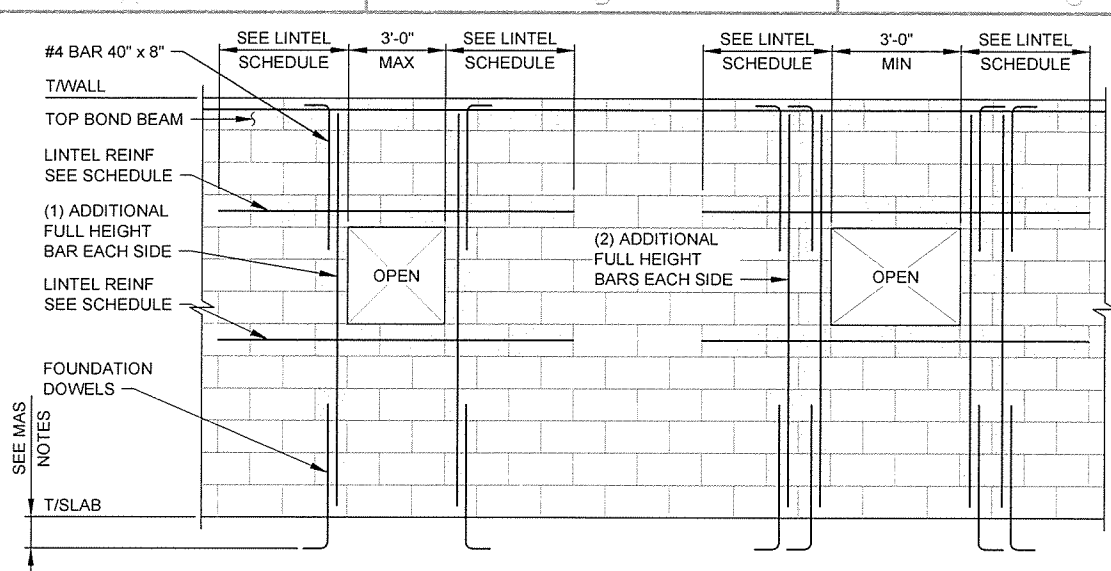
N/A

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080487
TYPICAL DETAILS

Sheet Reference Number:

S-501

Sheet 82 of 105

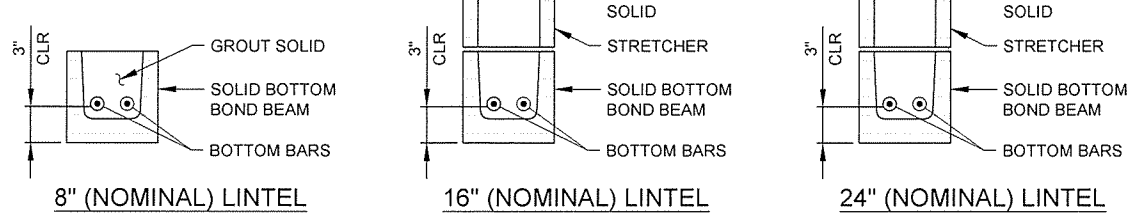


1 **DETAIL - TYPICAL CMU WALL REINF AT OPENINGS**
SCALE: NONE

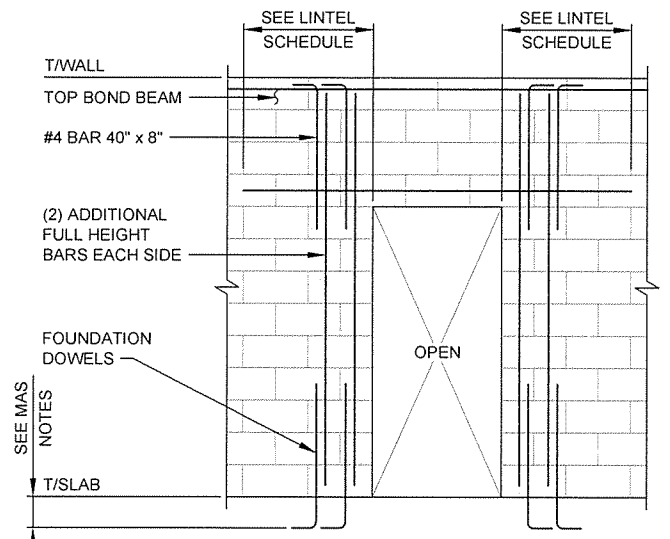
MASONRY LINTEL SCHEDULE					
MARK	BEARING LENGTH	NOMINAL DEPTH	TOP BARS	BOTTOM BARS	CLEAR SPAN (S)
L1	2'-0"	8"	NONE	(2)#5	0'-0" < S < 3'-4"
L2	2'-0"	16"	NONE	(2)#5	3'-4" < S < 6'-8"
L3	2'-0"	24"	(2)#5	(2)#5	6'-8" < S < 10'-0"

LOOSE LINTEL SCHEDULE			
MARK	BEARING LENGTH	MATERIAL	CLEAR SPAN (S)
L4	8" MIN	L4x4x1/4	0'-0" < S < 5'-6"
L5	8" MIN	L4x4x3/8	5'-6" < S < 8'-0"

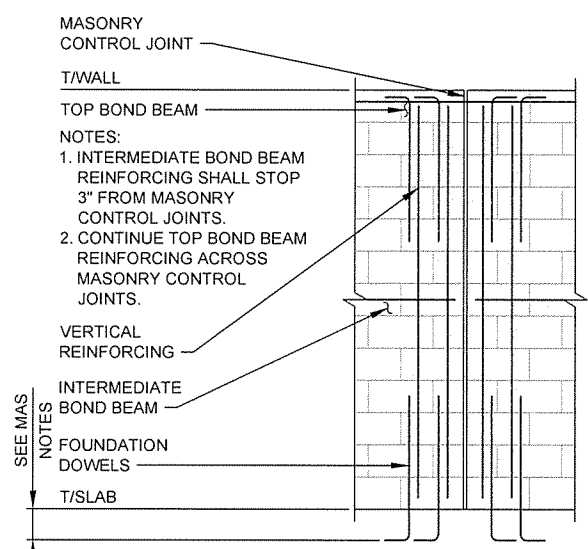
NOTES:
1. SEE ARCHITECTURE AND MECHANICAL DRAWINGS FOR OPENING SIZES AND LOCATIONS.
2. USE SOLID BOTTOM BOND BEAMS AT OPENING HEADS ONLY. USE KNOCK-OUT BOND BEAMS ELSEWHERE.



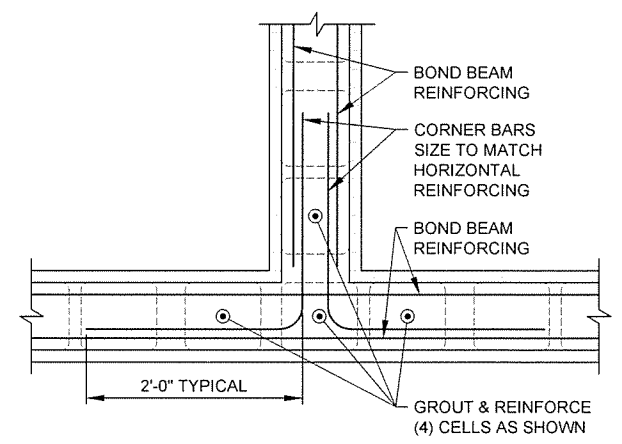
2 **DETAIL - TYPICAL MASONRY LINTELS**
SCALE: NONE



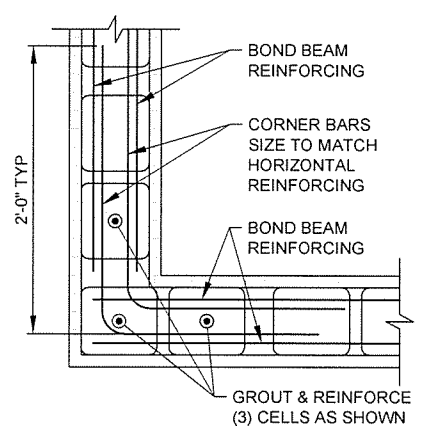
3 **DETAIL - TYP CMU WALL REINF AT DOORS**
SCALE: NONE



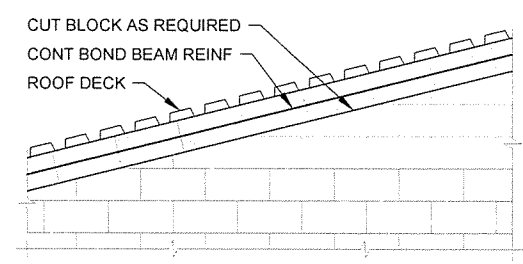
4 **DETAIL - TYP MASONRY CONTROL JT (WCJ)**
SCALE: NONE



5 **DETAIL - TYP CMU WALL REINF AT CORNERS**
SCALE: NONE

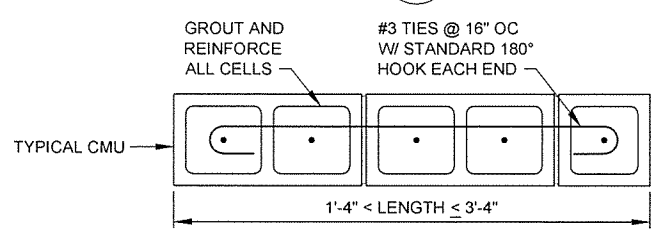


6 **DET - TYP CMU WALL REINF AT CORNERS**
SCALE: NONE

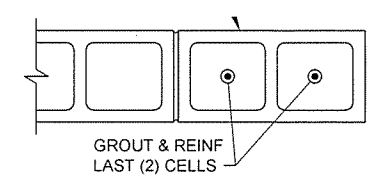


7 **DETAIL - TYPICAL SLOPED BOND BEAM**
SCALE: NONE

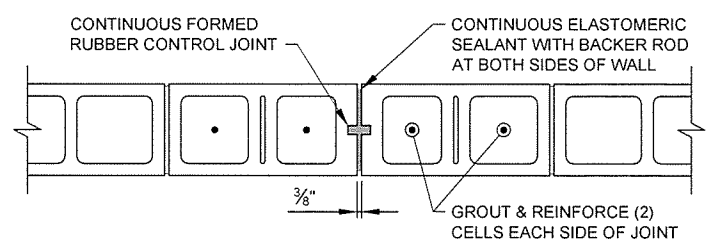
NOTE:
VERTICAL REINFORCING OMITTED FOR CLARITY.



8 **DETAIL - TYP CMU WALL REINF AT PIERS**
SCALE: NONE



10 **DETAIL - TYPICAL CMU WALL REINF AT DEAD ENDS**
SCALE: NONE



9 **DETAIL - TYP MASONRY CONTROL JOINT (WCJ)**
SCALE: NONE











9/30/15

Job Number	Submitted by	Designed by	Drawn by	Checked by	Job Title
080487	John T. Watkins, III, P.E. SE Director, Federal Services	D. CLEMENT	S. BOWEN	G. ARCHER	AH15BP-S502 DWG
N/A			9/30/15		
N/A			1:1		
N/A					

Job Number	Submitted by	Designed by	Drawn by	Checked by	Job Title
080487	John T. Watkins, III, P.E. SE Director, Federal Services	D. CLEMENT	S. BOWEN	G. ARCHER	AH15BP-S502 DWG
N/A			9/30/15		
N/A			1:1		
N/A					

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080487

LEGEND

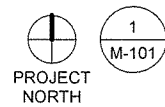
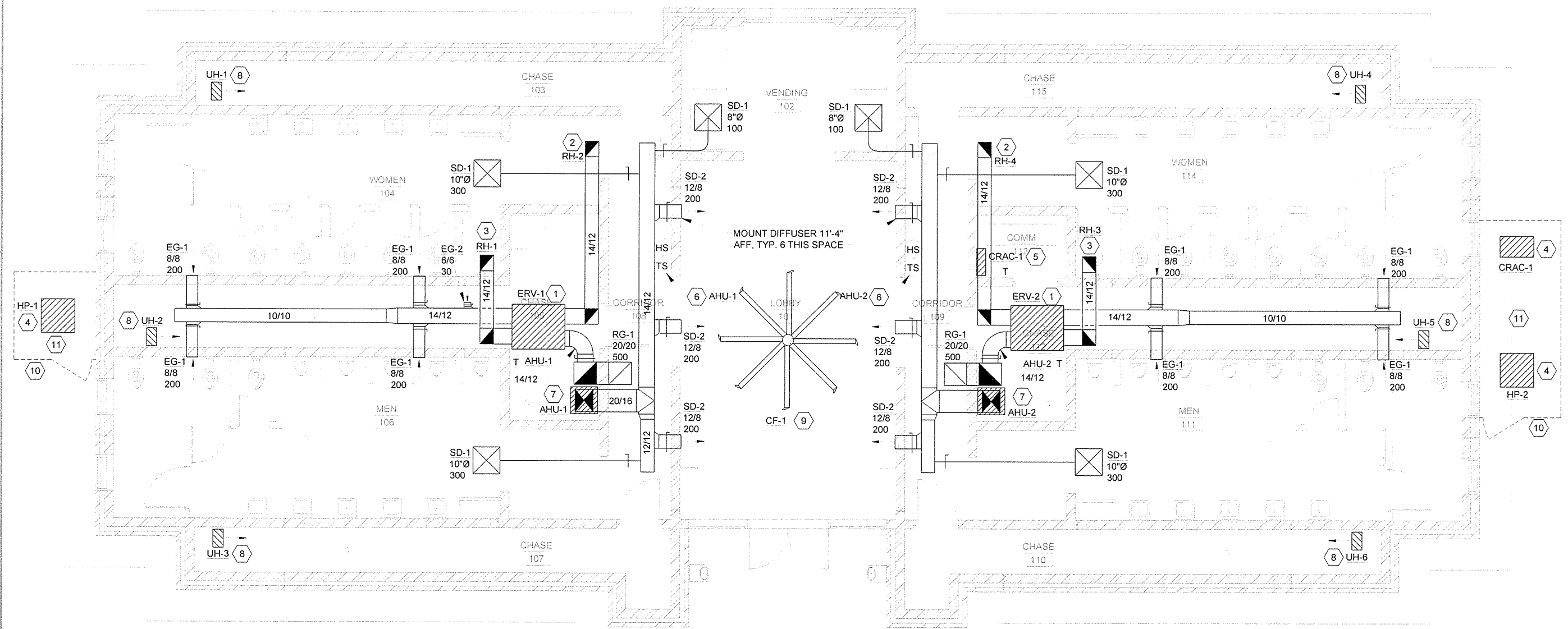
-  MECHANICAL EQUIPMENT (TYP.)
-  CEILING SUPPLY AIR DIFFUSER (TYP.)
-  CEILING RETURN AIR GRILLE (TYP.)
-  CEILING EXHAUST AIR GRILLE (TYP.)
-  BALANCING DAMPER W/ LOCKING QUADRANT
-  AIR DEVICE - DEVICE TYPE, NECK SIZE, CFM
-  THERMOSTAT, MOUNTED 54" AFF
-  TEMPERATURE AND HUMIDITY SENSORS, MOUNTED 54" AFF.

GENERAL NOTES

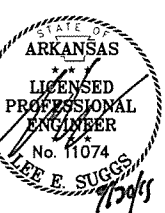
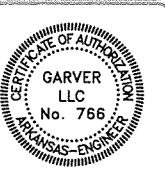
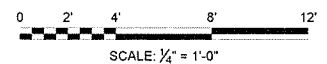
1. COORDINATE THE WORK OF THIS SHEET WITH ALL OTHER TRADES PRIOR TO STARTING CONSTRUCTION.
2. ALL LISTED ELEVATIONS ARE TO THE BOTTOM OF DUCT/DEVICE/EQUIPMENT UNLESS OTHERWISE NOTED.
3. REFER TO THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INFORMATION ON THE SEISMIC CLASSIFICATION OF THIS BUILDING. CONTRACTOR IS RESPONSIBLE TO PROVIDE SEISMIC BRACING AS REQUIRED FOR THE MECHANICAL SYSTEMS ON THIS PROJECT. ALL SEISMIC RESTRAINTS SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL STRUCTURAL ENGINEER.
4. SEE SHEET A-302 FOR EXACT LOCATIONS OF WALL DIFFUSERS IN LOBBY 101.
5. SEE SHEET A-401 FOR EXACT LOCATION OF WALL DIFFUSERS IN RESTROOM AREAS.

KEYED NOTES

- 1 ERV UNIT SUSPENDED TIGHT TO BOTTOM OF TRUSSES.
- 2 14/12 EXHAUST DUCT UP THROUGH ROOF TO ROOF HOOD..
- 3 14/12" INTAKE DUCT UP THROUGH ROOF TO ROOF HOOD..
- 4 PROVIDE 6" PIP HOUSEKEEPING PAD AND ANCHOR CONDENSING UNIT TO PAD WITH EPOXIED-IN BOLTS AT EACH CORNER. FIELD ROUTE CONDENSATE LINES TO INDOOR UNITS. LINES ROUTED THROUGH WALLS OR UNDER SLABS SHALL BE PROVIDED WITH A 4" PVC SLEEVE SEALED WATERTIGHT AT BOTH ENDS.
- 5 COMPUTER ROOM UNIT MOUNTED ON WALL 7" AFF. PROVIDE WIRELESS REMOTE CONTROL IN LOCKING ENCLOSURE AS INDICATED.
- 6 REMOTE MOUNTED TEMPERATURE AND HUMIDITY SENSOR. CONNECT TO THERMOSTAT MOUNTED IN MECHANICAL CHASE.
- 7 AHU MOUNTED ON PRE-FAB RETURN PLENUM BASE W/ FILTER RACK. ROUTE CONDENSATE TO FLOOR DRAIN PROVIDED.
- 8 UNIT HEATER MOUNTED WITH BOTTOM 8" AFF
- 9 CEILING FAN SUSPENDED FROM ROOF STRUCTURE PER MANUFACTURER'S REQUIREMENTS. FAN SHALL BE MOUNTED 12'-8" AFF.
- 10 PROVIDE CHAIN LINK ENCLOSURE AROUND HEAT PUMP UNITS WITH LOCKING GATE AND CHAIN LINK TOP. REFER TO AHTD STANDARD DRAWING WF-3 FOR FENCE CONSTRUCTION DETAILS.
- 11 COORDINATE PLACEMENT OF CONDENSING UNITS/PADS WITH ELECTRICAL AND WATER UTILITIES IN THIS AREA. UNITS SHALL NOT OBSTRUCT ELECTRICAL PANEL FOR A MINIMUM OF 3' IN FRONT OF PANEL, AND SHALL NOT BE SET ON TOP OF BURIED ELECTRICAL CONDUIT OR WATER LINES/VALVES.



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



JRR
Appr
10/1/15
Date

ISSUED FOR CONSTRUCTION
Description
PC
Symbol

Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Welton, III, PE, SE Director, Federal Services	Plot Date	9/29/15	Draw Code
Designed by	L. SUGGS	Drawn by	L. SUGGS	Checked by
Drawn by	L. SUGGS	Checked by	B. BRADSHAW	File Name
Checked by	B. BRADSHAW	File Name	AHTSP-M-101.DWG	

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JOB 080497

TOURIST INFORMATION CENTER
MECHANICAL PLAN

Sheet Reference Number:
M-101

Sheet 84 of 105

EQUIPMENT SCHEDULE

UH-1 AND UH-2
 REZNOR EGH B ELECTRIC UNIT HEATER OR EQUAL, 10 KW, 700 CFM, 240 V.
 PROVIDE WITH WALL MOUNTING BRACKET AND MOUNT WITH TOP OF UNIT 12"
 BELOW CEILING. PROVIDE WITH WALL MOUNTED THERMOSTAT.

EF-1
 GREENHECK MODEL SE1-12-432 PROPELLER EXHAUST FAN OR EQUAL, 1200 CFM
 AT 0.25" ESP. 120 V, 1/8 HP. 16" SQUARE WALL OPENING. PROVIDE WITH FLUSH
 EXTERIOR GRAVITY BACKDRAFT DAMPER AND INTERIOR OSHA GUARD.

LVR-1
 RUSKIN MODEL ELC6375DAX COMBINATION LOUVER OR EQUAL, 24"x32" SIZE, 1.94
 SQ. FT. FREE AREA, WITH INTEGRAL DAMPER AND LINKAGE, AND BIRDSCREEN
 KYNAR FINISH TO MATCH BUILDING COLOR. PROVIDE 120 VOLT DAMPER
 ACTUATOR AND INTERLOCK W/ EF-1.

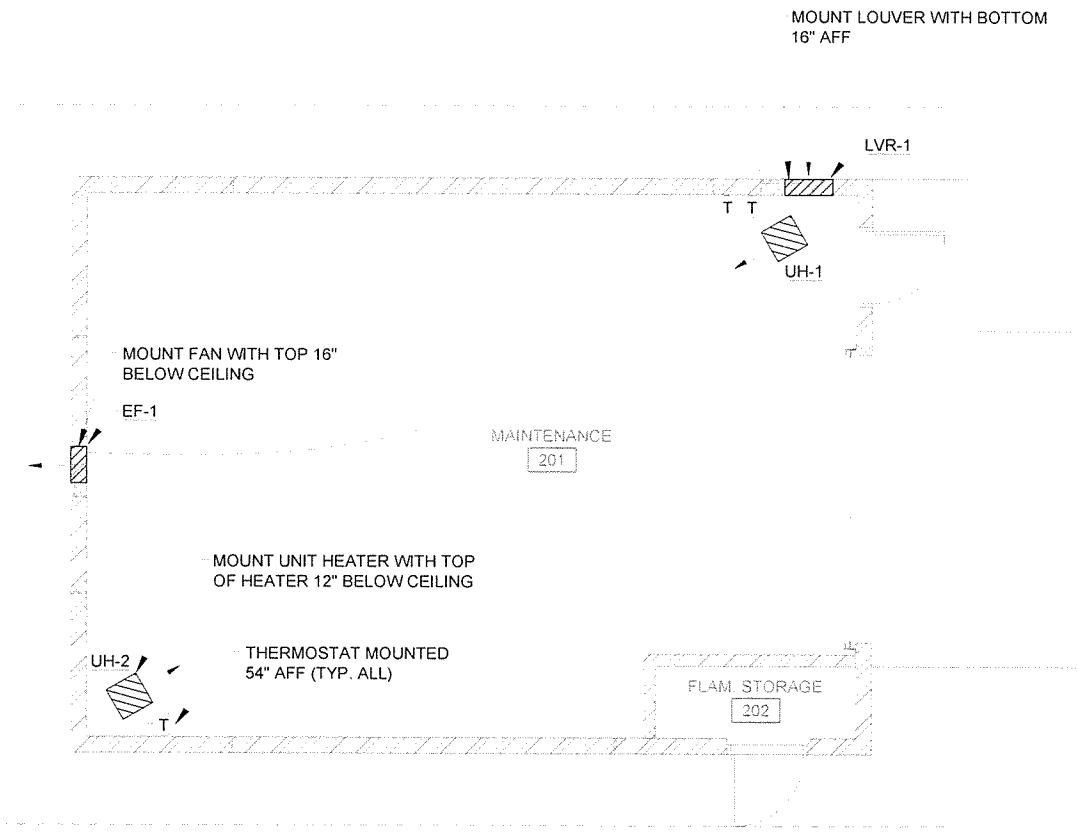
CONTROL NOTES

EF-1:
 1. FAN SHALL BE CONTROLLED BY AN ADJUSTABLE OPEN ON RISE THERMOSTAT.
 FAN SHALL ENERGIZE WHEN THE SPACE TEMPERATURE RISES ABOVE THE
 THERMOSTAT SETPOINT. THERMOSTAT SHALL BE ADJUSTABLE FROM 55°F TO
 85°F.
 2. FAN SHALL ALSO BE PROVIDED WITH A MANUAL OVERRIDE TO ENERGIZE THE FAN
 MANUALLY WHEN ENGAGED.
 3. FAN SHALL BE INTERLOCKED WITH LVR-1. LVR-1 SHALL BE OPEN WHEN EF-1 IS
 ENERGIZED AND CLOSE WHEN EF-1 IS DE-ENERGIZED.

UH-1
 1. UNIT FAN AND HEATING COIL SHALL ENGAGE WHEN THE WALL MOUNTED
 THERMOSTAT CALLS FOR HEATING.

GENERAL NOTES

- COORDINATE THE WORK OF THIS SHEET WITH ALL OTHER TRADES PRIOR TO STARTING CONSTRUCTION.
- ALL LISTED ELEVATIONS ARE TO THE BOTTOM OF DUCT/DEVICE/EQUIPMENT UNLESS OTHERWISE NOTED.
- REFER TO THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR INFORMATION ON THE SEISMIC CLASSIFICATION OF THIS BUILDING. CONTRACTOR IS RESPONSIBLE FOR PROVIDE SEISMIC BRACING AS REQUIRED FOR THE MECHANICAL SYSTEMS ON THIS PROJECT. ALL SEISMIC RESTRAINTS SHALL BE DESIGNED AND STAMPED BY A REGISTERED PROFESSIONAL STRUCTURAL ENGINEER.



KEYED NOTES

LEGEND

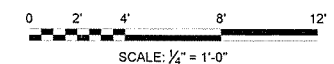
- MECHANICAL EQUIPMENT (TYP.)
- CEILING SUPPLY AIR DIFFUSER (TYP.)
- CEILING RETURN AIR GRILLE (TYP.)
- CEILING EXHAUST AIR GRILLE (TYP.)
- BALANCING DAMPER W/ LOCKING QUADRANT
- AIR DEVICE - DEVICE TYPE, NECK SIZE, CFM
- THERMOSTAT, MOUNTED 54" AFF



1
M-121

FLOOR PLAN

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



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CERTIFICATE OF AUTHORITY
GARVER LLC
 No. 766
 ARKANSAS ENGINEER

ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 11074
 LEE E. SUGGS
 9/27/15

JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Submitted by John T. Watkins, III, PE, SE Director, Federal Services	Job Number 080497
Drawn by L. SUGGS	Plot Date 9/29/15
Checked by B. BRADSHAW	Plot Scale 1:1
File Name AHSBP-M-121.DWG	Drwg Code

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

MAINTENANCE BUILDING
 MECHANICAL PLAN

Sheet Reference Number:
M-121
 Sheet 85 of 105

EQUIPMENT SCHEDULE

AHU-1 / AHU-2
 TRANE TAM4-42 OR EQUAL SPLIT SYSTEM AIR HANDLING UNIT WITH EMERGENCY STRIP HEATING. 1300 CFM AIRFLOW AT 0.5" WG ESP, 875 CFM OSA, COOLING CAPACITY 32.0MBH SENSIBLE, 8.0MBH LATENT AT 80F DB/67F WB ENTERING CONDITIONS, HEATING CAPACITY 26.2MBH AT 17F. 9.6 KW 3-STAGE ELECTRIC HEATER. PRE-FABRICATED RETURN PLENUM BASE W/ FILTER RACK WITH MERV 8 1" FILTER. SINGLE POINT ELECTRICAL, 240 VOLT, 1 PHASE, 53A MCA, 60A MOCP.

HP-1 AND HP-2
 TRANE 4TWR5042 OR EQUAL HEAT PUMP UNIT, 3.5 TONS NOMINAL CAPACITY, 240 VOLT, 1 PHASE, 23A MCA, 40A MOCP. MINIMUM 14 SEER. PROVIDE WITH SHORT CYCLE TIMER, DEFROST CONTROL.

CRAC-1
 LG MODEL LSN090HSV4/LSU090HSV4 OR EQUAL DUCTLESS MINI-SPLIT HEAT PUMP, 350 CFM, 9MBH COOLING CAPACITY, 10.8MBH HEATING CAPACITY, 21 SEER. SINGLE POINT ELECTRICAL, 240 VOLT, 1 PHASE, 10A MCA, 15A MOCP.

ERV-1 / ERV-2:
 GREENHECK ERV-10 ENERGY RECOVERY VENTILATOR OR EQUAL, 875 CFM INTAKE, 830 CFM EXHAUST, 0.5" SP SUPPLY AND EXHAUST FANS, MERV 8 INTAKE AND EXHAUST FILTERS, TOTAL ENTHALPY CORE W/ 58% MINIMUM EFFECTIVENESS AT 98° F DW / 80° F WB. PROVIDE BACKDRAFT DAMPER AND SUSPENSION KIT. 120V / 22A MCA / 30A MOCP.

RH-1 / RH-3
 GREENHECK FGI ROOF INTAKE HOOD OR EQUAL, 18"X18" NECK, 900 CFM, PROVIDE WITH 8" ROOF CURB TO MATCH ROOF CONSTRUCTION, AND BIRDSCREEN. COLOR TO MATCH ROOF.

RH-2 / RH-4
 GREENHECK FGR ROOF EXHAUST HOOD OR EQUAL, 18"X18" NECK, 800 CFM, PROVIDE WITH 8" ROOF CURB TO MATCH ROOF CONSTRUCTION, AND BIRDSCREEN. COLOR TO MATCH ROOF.

UH-1 / UH-2 / UH-3 / UH-4 / UH-5 / UH-6
 REZNOR EGEB ELECTRIC UNIT HEATER OR EQUAL, 5 KW, 310 CFM, 240 V. PROVIDE WITH WALL MOUNTING BRACKET AND MOUNT WITH TOP OF UNIT 8" AFF. PROVIDE WITH INTEGRAL THERMOSTAT SET TO 55° F.

SD-1
 TITUS MODEL TMSA ALUMINUM SUPPLY DIFFUSER OR EQUAL, STEEL, 24"X24" FACE, WHITE FINISH. NECK SIZE AS INDICATED ON PLANS, MAX. NC 25.

SD-2
 TITUS MODEL 300FL SUPPLY DIFFUSER OR EQUAL, 10"X6" DUCT CONNECTION, DOUBLE DEFLECTION, ALUMINUM, WHITE FINISH, MAX. NC 25.

RG-1
 TITUS MODEL 50F RETURN GRILLE OR EQUAL, 24"X24" FACE, ALUMINUM, WITH EGGCRATE CORE AND WHITE FINISH. MAX. NC 25.

EG-1
 TITUS MODEL SG-1500FL ALUMINUM SECURITY GRILLE OR EQUAL, 8"X8" DUCT SIZE, WITH WELDED ALUMINUM SECURITY CORE AND MOUNTING ANGLES, WHITE FINISH, MAX. NC 25.

EG-2
 TITUS MODEL 50F EXHAUST GRILLE OR EQUAL, 6"X6" DUCT CONNECTION, ALUMINUM, WITH EGGCRATE CORE AND WHITE FINISH. MAX. NC 25.

CF-1
 BIG ASS FANS MODEL "ISIS" IS10 CEILING FAN OR EQUAL, 10' DIAMETER, WITH 8 ALUMINUM AIRFOIL BLADES WITH SILVER WINGLETS, GEARLESS DIRECT DRIVE MOTOR, 120V, 1 PHASE, 3.9A. PROVIDE WITH MANUFACTURER'S CONTROL SWITCH MOUNTED IN THE JANITOR'S CLOSET. PROVIDE WITH MANUFACTURER'S STRUCTURAL MOUNTING SYSTEM INCLUDING STABILIZING GUY WIRES, AND INSTALL ACCORDING TO MANUFACTURER'S REQUIREMENTS.

CONTROL NOTES

AHU-1 & 2 / HP-1 & 2:
 1. UNIT SHALL BE CONTROLLED BY AUTOMATIC HEATING/COOLING CHANGE-OVER 7 DAY PROGRAMMABLE THERMOSTAT/HUMIDISTAT WITH REMOTE TEMPERATURE SENSOR AND HUMIDITY SENSOR LOCATED AS SHOWN ON PLAN. PROVIDE REMOTE SENSORS WITH ANTI-TAMPER ENCLOSURES.

2. AHU FAN SHALL RUN CONTINUOUSLY.

3. THE SYSTEM SHALL RUN IN HEATING / COOLING MODE WHENEVER THE THERMOSTAT CALLS FOR HEATING / COOLING. THE HEAT PUMP WILL ENGAGE IN HEATING / COOLING MODE AS REQUIRED. EMERGENCY ELECTRIC HEATING SHALL BE ACTIVATED ONLY IN THE EVENT OF THE FAILURE OF THE HEAT PUMP TO MAINTAIN A DISCHARGE AIR TEMPERATURE OF 95° F MINIMUM.

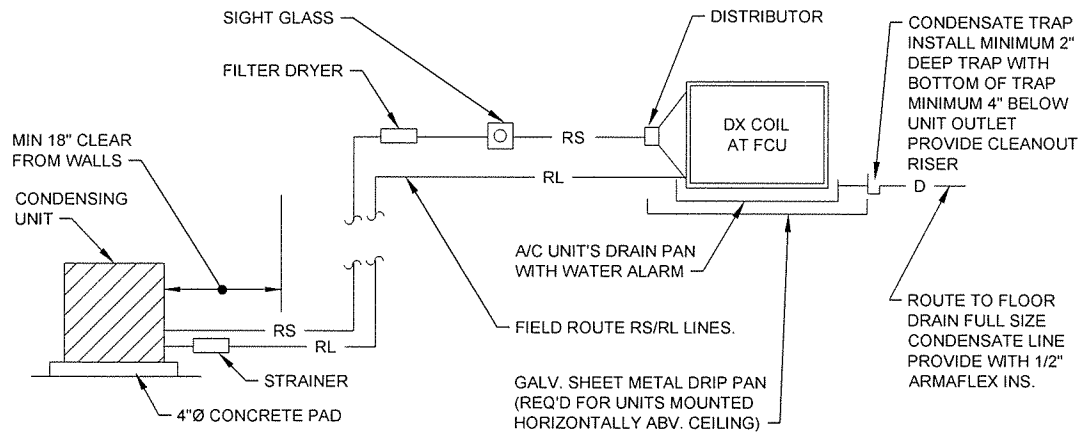
4. THE SYSTEM WILL RUN IN DEHUMIDIFICATION MODE WHEN THE HUMIDISTAT CALLS FOR DEHUMIDIFICATION, THE HEAT PUMP SHALL RUN IN COOLING MODE AND THE AIR HANDLER ELECTRIC HEATER WILL STAGE TO PROVIDE ROOM NEUTRAL AIR AS MEASURED BY THE DISCHARGE AIR SENSOR.

5. CALLS FOR HEATING / COOLING WILL TAKE PRIORITY OVER CALLS FOR DEHUMIDIFICATION.

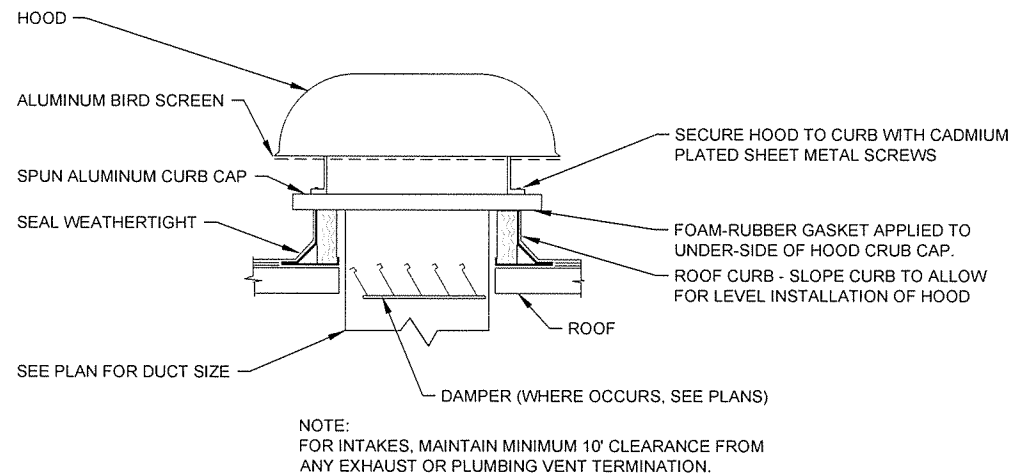
CRAC-1:
 1. UNIT SHALL BE CONTROLLED BY AUTOMATIC HEATING/COOLING CHANGE-OVER 7 DAY PROGRAMMABLE THERMOSTAT LOCATED AS SHOWN ON PLAN. AHU FAN SHALL RUN WHENEVER THERMOSTAT CALLS FOR HEATING/COOLING.

ERV-1 & 2:
 1. UNIT FANS SHALL RUN CONTINUOUSLY.

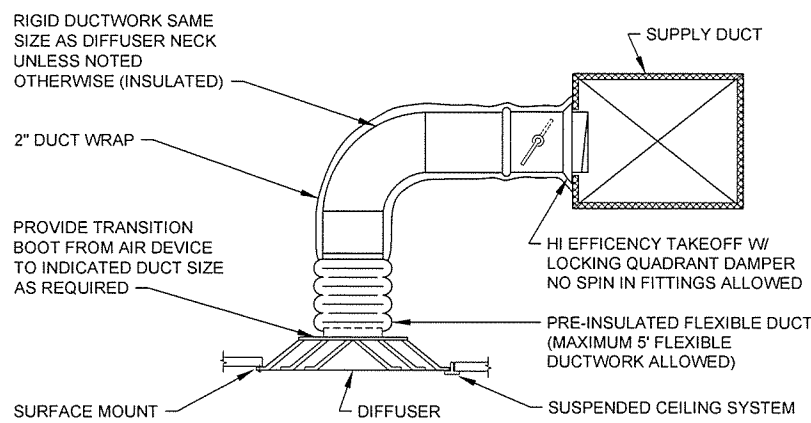
UH-1 THRU 6
 1. UNIT FAN AND HEATING COIL SHALL ENGAGE WHEN THE UNIT-MOUNTED THERMOSTAT CALLS FOR HEATING.



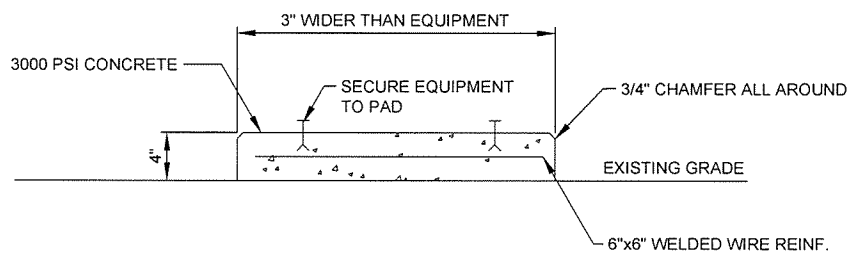
1 SPLIT SYSTEM HEAT PUMP INSTALLATION DETAIL
 SCALE: NONE



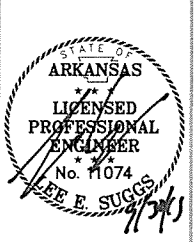
2 ROOF INTAKE / EXHAUST HOOD INSTALLATION DETAIL
 SCALE: NONE



3 SUPPLY DIFFUSER / RETURN/EXHAUST GRILLE DETAIL
 SCALE: NONE



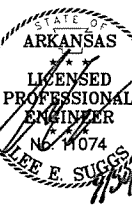
4 OUTDOOR HVAC EQUIPMENT PAD DETAIL
 SCALE: NONE



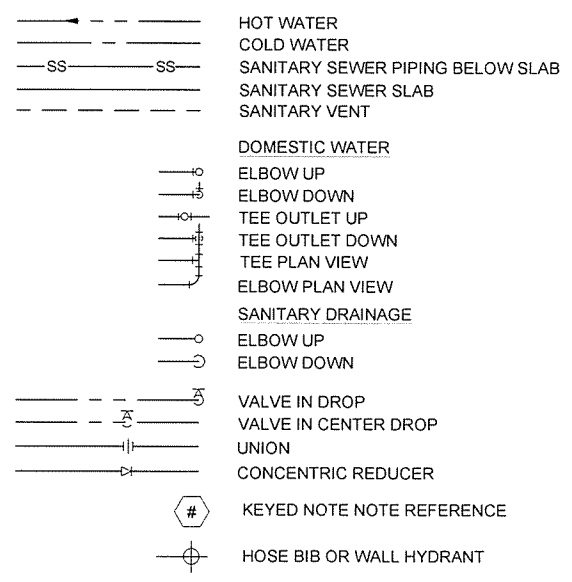
Job Number	080487
Submitted by	John T. Walkers, III, P.E., SE Director, Federal Services
Drawn by	L. SUGGS
Checked by	B. BRADSHAW
Plot Date	9/25/15
Plot Scale	1:1
Drwg Code	
IFC Symbol	
ISSUED FOR CONSTRUCTION	
Date	10/11/15
Appr	JRR

Designed by	L. SUGGS
Drawn by	L. SUGGS
Checked by	B. BRADSHAW
Job Name	AH15SP-M-201 DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG FINNEY) (6)
 JOB 080487
 TOURIST INFORMATION CENTER
 MECHANICAL DETAILS



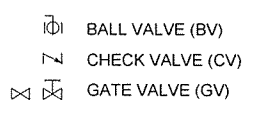
LEGEND



ABBREVIATIONS

COTG	CLEANOUT TO GRADE
TWCOTG	TWO-WAY CLEANOUT TO GRADE
CO	INTERIOR CLEANOUT
VTR	VENT THROUGH ROOF
FD	FLOOR DRAIN
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CW	DOMESTIC COLD WATER
HW	DOMESTIC HOT WATER
DWV	DRAIN WASTE AND VENT
GPM	GALLONS PER MINUTE
GPF	GALLONS PER FLUSH
DFU	DRAIN FIXTURE UNITS
WFU	WATER FIXTURE UNITS
OD	OUTSIDE DIAMETER
I.P.S.	IRON PIPE SIZE
WHA	WATER HAMMER ARRESTOR

VALVE SYMBOLS



FINAL FIXTURE INSTALLATION NOTE:

1. THE CONTRACTOR IS CAUTIONED THAT CEILING, WALL, AND FLOOR COATING SYSTEMS WILL BE APPLIED TO ALL RESTROOM SURFACES. THRU-WALL ROUGH-IN FOR FIXTURES MAY OCCUR AT THE CONTRACTOR'S DISCRETION, WHETHER DURING INSTALLATION OR AFTER THE CONCRETE MASONRY WALLS ARE INSTALLED, BUT FINAL INSTALLATION OF WALL HUNG AND CARRIER MOUNTED FIXTURES SHALL ONLY OCCUR AFTER THE CEILING, WALL AND FLOOR COATINGS ARE COMPLETE.

PLUMBING MATERIALS NOTES:

- A. DOMESTIC WATER PIPING ABOVE SLAB SHALL BE TYPE 'L' DRAWN COPPER WITH WROUGHT COPPER FITTINGS AND LEAD FREE SOLDER JOINTS OR MECHANICAL "PRO-PRESS" TYPE FITTINGS. ROUTE IN CHASES AS INDICATED ON THE DRAWINGS. DO NOT INSTALL ABOVE CEILING.
- B. INSULATE ALL ABOVE SLAB DOMESTIC WATER WITH 1/2 INCH THICK FLEXIBLE UNICELLULAR INSULATION (ARMAFLEX OR EQUAL).
- C. ALL DOMESTIC WATER BELOW SLAB SHALL BE PLASTIC COATED TYPE 'K' COPPER TUBE WITH NO FITTINGS.
- D. SANITARY SEWER PIPING ABOVE FINISH FLOOR SHALL BE SCHEDULE 40 PVC DWV EXCEPT FOR WATER CLOSET CARRIER FITTINGS. SLOPE ALL PIPING 3" AND LARGER IN SIZE AT 1/8 INCH PER FOOT. SLOPE ALL PIPING LESS THAN 3" SIZE AT 1/4 INCH PER FOOT.
- E. SANITARY SEWER PIPING BELOW FINISH FLOOR OR GRADE SHALL BE SCHEDULE 40 PVC DWV. SLOPE ALL PIPING 3" AND LARGER IN SIZE AT 1/8 INCH PER FOOT. SLOPE ALL PIPING LESS THAN 3" SIZE AT 1/4 INCH PER FOOT.
- F. ALL MOUNTING HARDWARE, THRU BOLTS, NUTS, CAP NUTS, WASHERS, BACKER PLATES, ETC. SHALL BE TYPE 316 STAINLESS STEEL.
- G. ALL WATER CLOSET CARRIERS SHALL BE COATED CAST IRON WITH APPROPRIATE HARDWARE. PAINT ALL CAST IRON PARTS TO MINIMIZE OXIDATION PROCESS.

PLUMBING CLEANOUT NOTES:

- A. FLOOR CLEANOUT (FCO), CLEANOUT TO GRADE WHERE APPLICABLE (COTG), AND TWO-WAY CLEANOUT TO GRADE (TWCOTG) SHALL BE ZURN Z1400-Z WITH BRONZE PLUG OR EQUAL.

GENERAL PLUMBING NOTES:

1. PROVIDE ALL REQUIRED PIPE, FITTING, VALVES, HANGERS, SUPPORTS, SLEEVES, INSERTS, TRAPS AND OTHER SUCH EQUIPMENT, ITEMS AND DEVICES, AS MAY BE REQUIRED FOR A COMPLETE AND OPERATING SYSTEM OR SYSTEMS, INCLUDING ALL POINTS AUXILIARY TO THE SYSTEM OR SYSTEMS WHETHER OR NOT SPECIFICALLY SET FORTH HEREIN AND/OR SHOWN ON THE DRAWINGS.
2. WORK SHALL BE EXECUTED AND INSPECTED IN ACCORDANCE WITH LOCAL AND STATE CODES, LAWS, ORDINANCES, RULES AND REGULATIONS APPLICABLE TO THE PARTICULAR CLASS OF WORK AND ANY FEES IN CONNECTION THEREWITH SHALL BE PAID BY THE CONTRACTOR.
3. ALL PLUMBING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2006 ARKANSAS STATE PLUMBING CODE AND IN COMPLIANCE WITH THE REQUIREMENTS OF THE LOCAL AUTHORITY HAVING JURISDICTION.
4. ALL DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENTS OR GEOMETRICAL RELATIONSHIPS OF EQUIPMENT AND SERVICES. THEY ARE NOT INTENDED TO SPECIFY OR SHOW EVERY OFFSET, SEQUENCE, DEVICE, OPTION, FITTING, OR COMPONENT.
5. INFORMATION AND COMPONENTS SHOWN ON RISER DIAGRAMS OR DETAILS, BUT NOT SHOWN ON PLANS, AND VICE VERSA, SHALL BE PROVIDED AS IF EXPRESSLY REQUIRED BY BOTH.
6. UNLESS NOTED OTHERWISE, THE INDICATION AND/OR DESCRIPTION OF ANY ITEM, IN THE DRAWINGS OR SPECIFICATIONS CARRIES WITH IT THE INSTRUCTION TO PROVIDE THE ITEM.
7. CONTRACTOR WILL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF OTHER TRADES. REFER TO ARCHITECTURAL, ELECTRICAL, AND OTHER DRAWINGS FOR COMPLETE INFORMATION.
8. INSTALL ALL EXPOSED PLUMBING PIPING ALONG UTILITY CHASE WALLS AS CLOSE TO THE CHASE WALLS AS POSSIBLE FOR MAXIMUM OWNER MAINTENANCE SPACE AND CLEAR FLOOR SPACE. INSTALL ALL EXPOSED OVERHEAD LINES AS HIGH AS POSSIBLE. REFER TO DETAILS ON PLANS FOR EXPECTED CLEARANCES FROM UTILITY CHASE WALLS.
9. THE STRUCTURE(S) WITHIN THIS DESIGN PACKAGE ARE EXPECTED TO HAVE THE INTERIORS HOSED DOWN FOR CLEANING ON A REGULAR BASIS. TO THAT END, NEATLY AND CONTINUOUSLY SEAL WITH CLEAR SILICONE SEALANT AROUND ALL NEW WALL HUNG, STAINLESS STEEL LAVATORIES, WALL HUNG, STAINLESS STEEL URINALS AND WALL HUNG, CARRIER MOUNTED, STAINLESS STEEL WATER CLOSETS.
10. COORDINATE WITH MASONRY CONTRACTOR TO ENSURE ALL CONCRETE MASONRY UNITS LOCATED AT WALL HUNG FIXTURES AND WATER CLOSET CARRIER BOLTS ARE GROUTED.
11. NEATLY CABLE-TIE ALL LOW VOLTAGE WIRING TO WALLS. BUNDLE MULTIPLE CABLES TOGETHER WHERE APPLICABLE.

Job Number	080497
Submitted by	John T. Watson, III, PE, SE Director, Central Services
Plotted Date	9/29/15
Plotted Scale	1:1
Drawn by	K. SULLIVAN
Checked by	B. BRADSHAW
File Name	AR15BP-P-001.DWG
Job Number	080497
Plotted Date	9/29/15
Plotted Scale	1:1
Drawn by	K. SULLIVAN
Checked by	B. BRADSHAW
File Name	AR15BP-P-001.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

LEGEND, ABBREVIATIONS AND NOTES

GENERAL NOTES

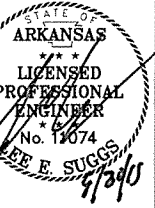
1. GENERAL NOTES

KEYED NOTES

- 1 SEE SITE PLAN FOR CONTINUATION. ESTIMATED DEMAND IS 81 DFU.
- 2 COORDINATE CONCRETE BLOCKOUT AS MAY BE REQUIRED FOR HORIZONTAL PIPING AND HORIZONTAL-TO-VERTICAL CONNECTION FITTING WITH FOUNDATION INSTALLER.
- 3 SLEEVE THROUGH STRUCTURAL STEM WALL. REFER TO STRUCTURAL SHEETS FOR EXTERIOR WALL FOUNDATION SECTIONS.



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Date

10/1/15

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Description

Symbol

IPC

Symbol

Job Number

080497

Submitted by

John T. Valerius, III, PE, SE

Director, Federal Services

Plot Date

9/29/15

Plot Scale

1:1

Drawn by

K SULLIVAN

Checked by

B BRADSHAW

File Name:

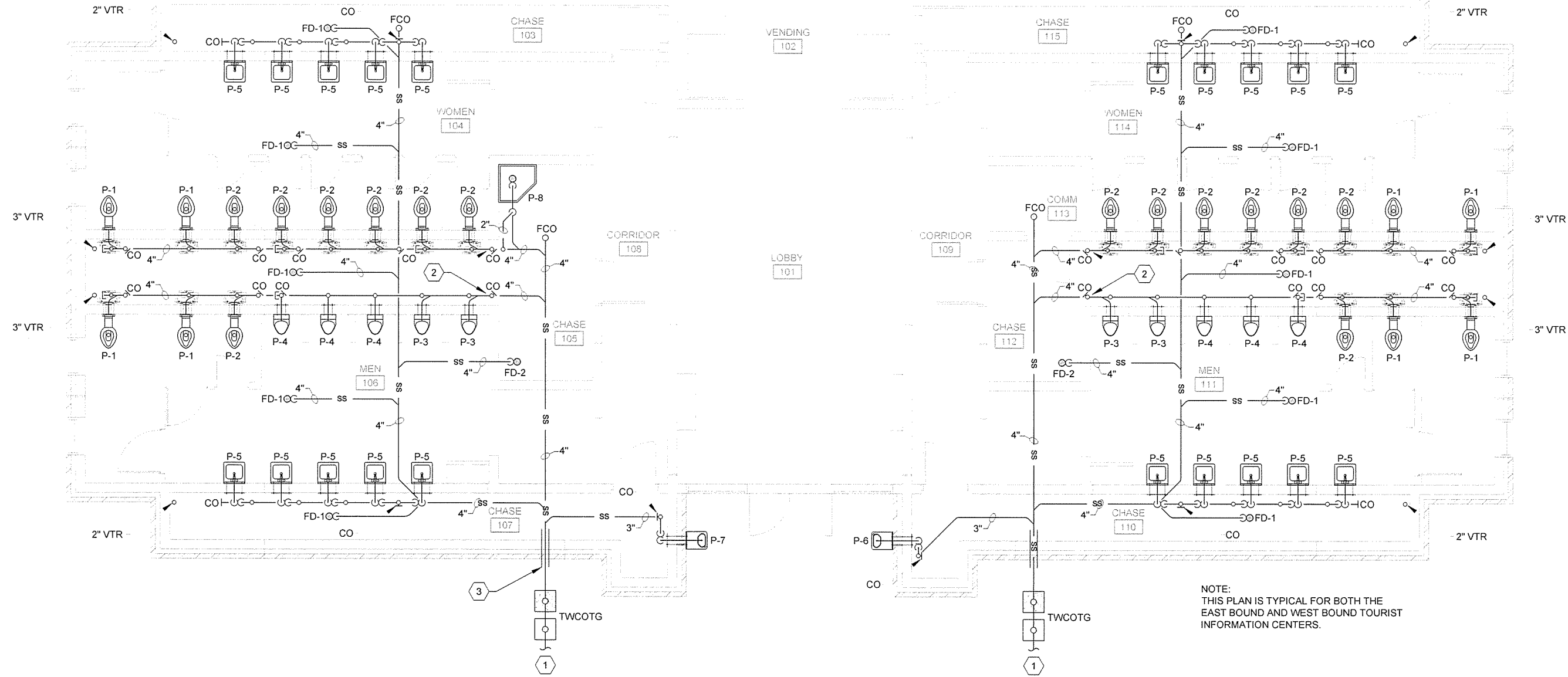
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Job Number	080497
Submitted by	John T. Valerius, III, PE, SE Director, Federal Services
Plot Date	9/29/15
Plot Scale	1:1
Drawn by	K SULLIVAN
Checked by	B BRADSHAW
File Name:	AR15BP-P-101.DWG

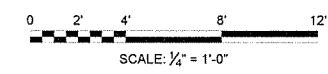
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JOB 080497

TOURIST INFORMATION CENTER
SANITARY SEWER PIPING PLAN

Sheet Reference Number:
P-101
Sheet 88 of 105



1 TOURIST INFORMATION CENTER - SANITARY SEWER PIPING PLAN
SCALE: 1/4" = 1'-0"

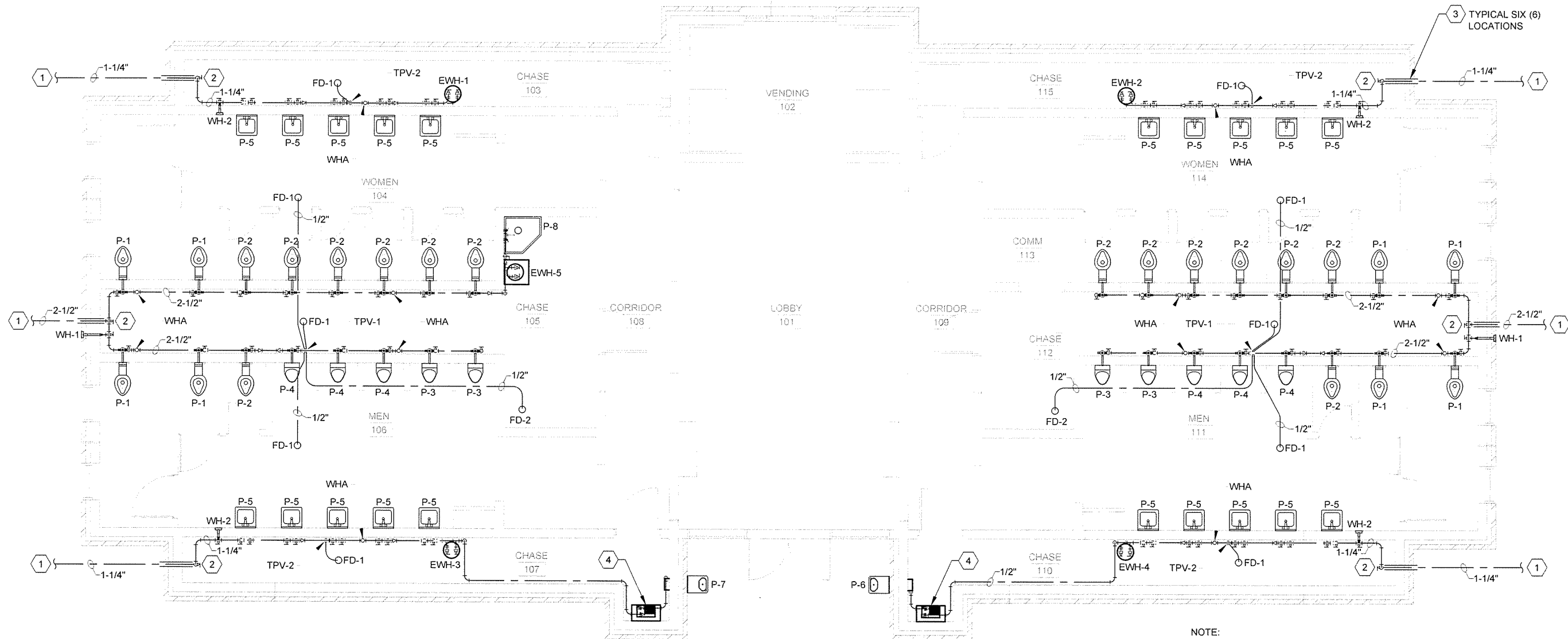


GENERAL NOTES

1. GENERAL NOTES

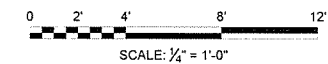
KEYED NOTES

- 1 SEE SITE PLAN FOR CONTINUATION. ESTIMATED DEMAND IS 141 WFU. PER TABLE E103.3(3) - 77 GPM.
- 2 INSTALL FULL PORT BALL VALVE AT SERVICE ENTRANCE INTO UTILITY CHASE.
- 3 SLEEVE THROUGH STRUCTURAL STEM WALL. REFER TO STRUCTURAL SHEETS FOR EXTERIOR WALL FOUNDATION SECTIONS.
- 4 INSTALL WATER CHILLER FOR DRINKING FOUNTAIN ON SPECIFIED SHELF AS NOTED IN FIXTURE SCHEDULE, SHEET P-601.
- 5 SEE SITE PLAN FOR CONTINUATION. ESTIMATED DEMAND IS 16 WFU. PER TABLE 103.3(3) - 18 GPM.



NOTE:
THIS PLAN IS TYPICAL FOR BOTH THE
EAST BOUND AND WEST BOUND TOURIST
INFORMATION CENTERS.

1 TOURIST INFORMATION CENTER - DOMESTIC WATER PIPING PLAN
P-102 SCALE: 1/4" = 1'-0"

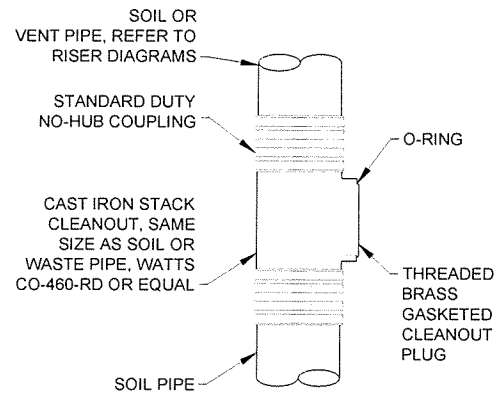


JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
PC	Symbol

Job Number	080497	N/A	N/A	N/A
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Plot Scale	1:1	Draw Code
Designed by	K. SULLIVAN	Drawn by	K. SULLIVAN	Checked by
File Name	AHTSP-P-102.DWG			

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ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

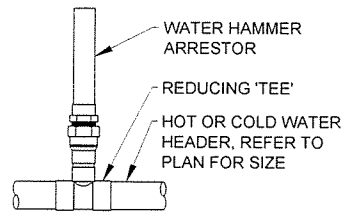
TOURIST INFORMATION CENTER
DOMESTIC WATER PIPING PLAN



INTERIOR CLEANOUT (CO) DETAIL

1 P-501 SCALE: NONE

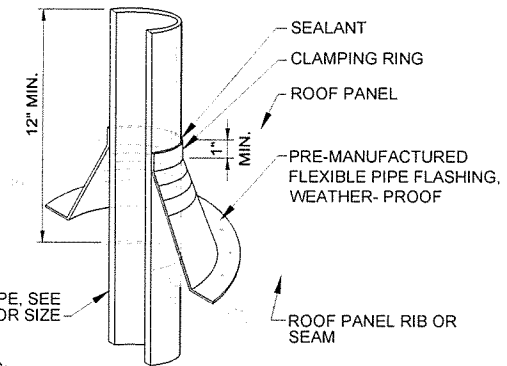
PIPE SIZE	FIXTURE UNITS	PDI CROSS REFERENCE	OVERALL LENGTH	CONNECTION N.P.T.
1/2"	1 - 11	A	6-1/4"	1/2"
3/4"	12 - 32	B	7-1/4"	3/4"
1"	33 - 60	C	9-1/4"	1"
1-1/4"	61 - 113	D	9-1/2"	1"
1-1/2"	114 - 154	E	11-1/4"	1"
2"-3"	155 - 330	F	12"	1"



- NOTES:
- PLACE ARRESTOR AT END OF HEADER WITHIN SIX (6) FEET OF LAST FIXTURE.
 - PLACE ADDITIONAL ARRESTORS AT TWENTY (20) FOOT INTERVALS.
 - INSTALL ARRESTORS ON ALL HOT AND COLD WATER HEADERS THAT HAVE FAST ACTING VALVES LIKE FLUSHMETERS AND SOLENOID VALVES.

4 WATER HAMMER ARRESTOR DETAIL

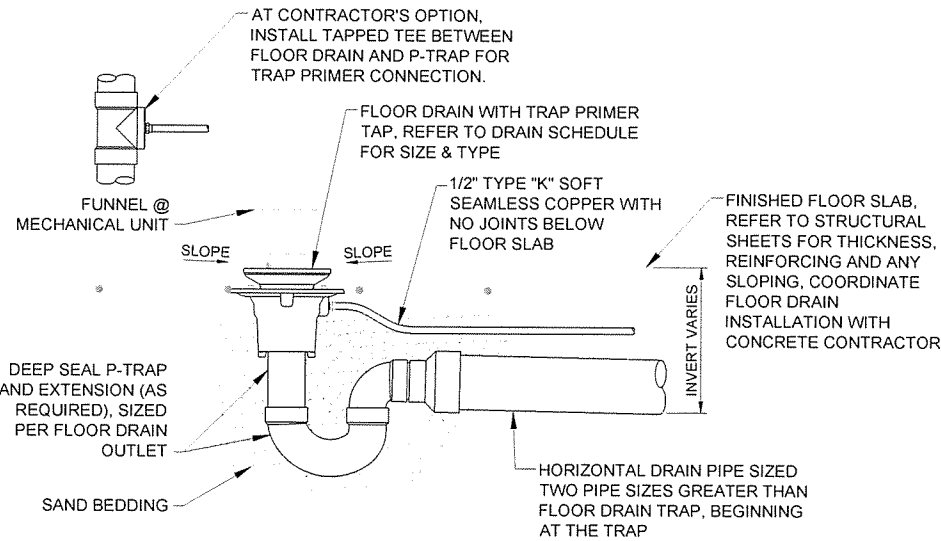
P-501 SCALE: NONE



- NOTES:
- PAINT VENT TO MATCH ROOF IN ACCORDANCE WITH ARCHITECTURAL SPECIFICATIONS.
 - CENTER ALL VENT THRU ROOF PENETRATIONS BETWEEN ROOF SEAMS. DO NOT CUT ROOF SEAMS.

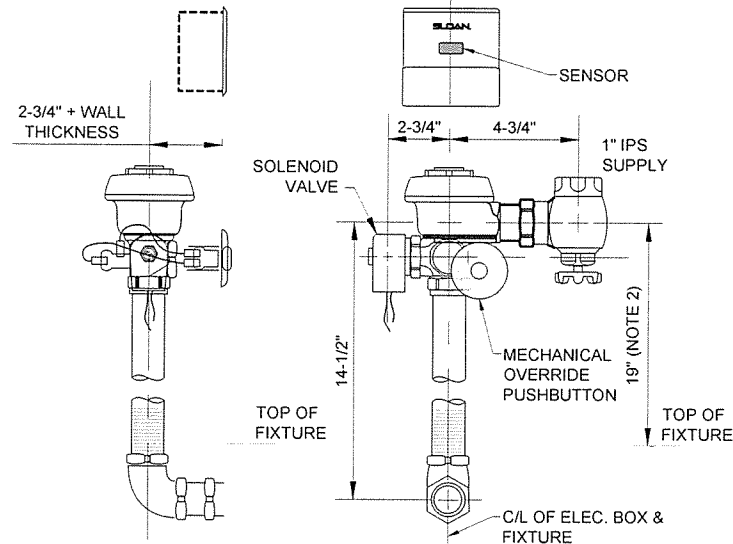
7 VENT THRU ROOF (VTR) DETAIL

P-501 SCALE: NONE



2 FLOOR DRAIN (FD) DETAIL

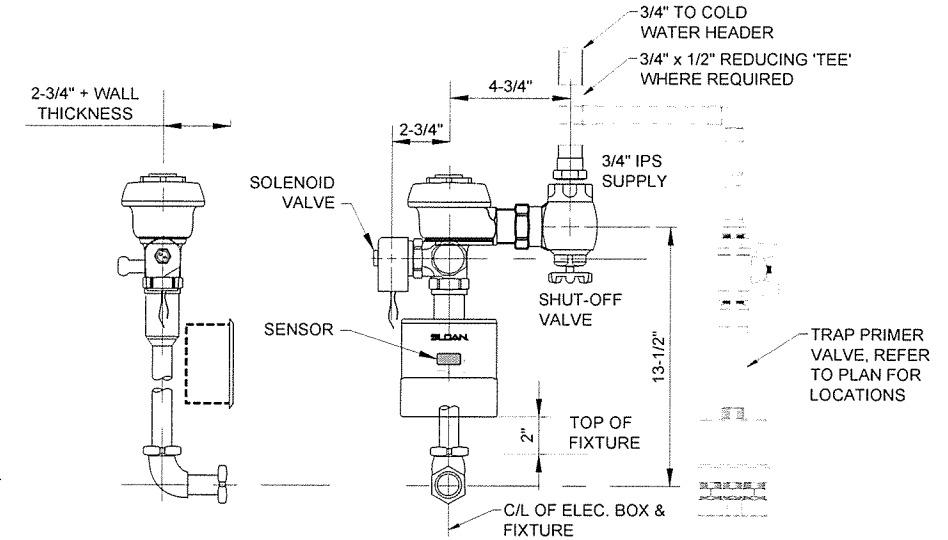
P-501 SCALE: NONE



- NOTES:
- SENSOR LOCATION & POSITIONING ARE CRITICAL! FAILURE TO PROPERLY POSITION THE ELECTRICAL BOXES TO THE PLUMBING ROUGH-IN WILL RESULT IN IMPROPER INSTALLATION AND IMPAIR SENSOR PERFORMANCE. ALL TRADESMEN (PLUMBERS, ELECTRICIANS, MASONS, ETC.) INVOLVED WITH THE INSTALLATION OF THIS PRODUCT MUST COORDINATE THEIR WORK TO ASSURE PROPER SENSOR OPERATION.
 - POSITION OF SENSOR BOX MAY BE RAISED OR LOWERED 1" IF IN CONFLICT WITH HANDICAP GRAB BARS.

5 WATER CLOSET FLUSH VALVE DETAIL

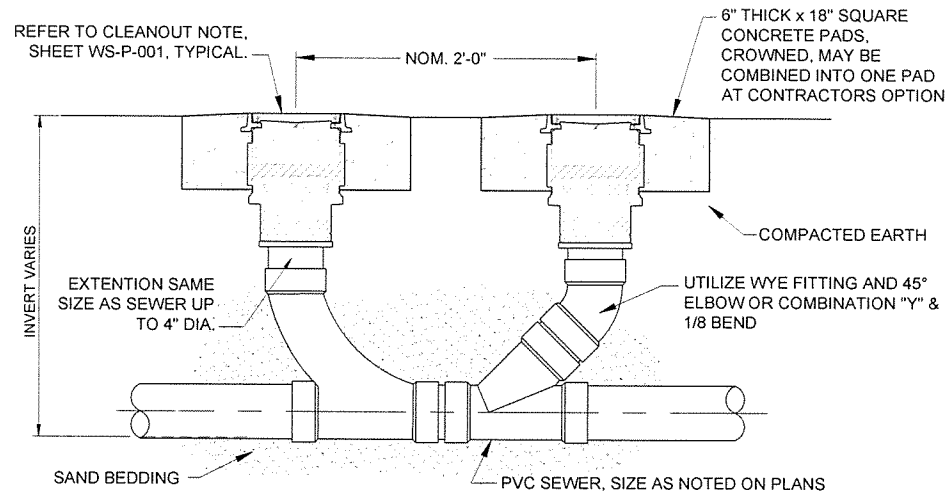
P-501 SCALE: NONE



- NOTES:
- SENSOR LOCATION & POSITIONING ARE CRITICAL! FAILURE TO PROPERLY POSITION THE ELECTRICAL BOXES TO THE PLUMBING ROUGH-IN WILL RESULT IN IMPROPER INSTALLATION AND IMPAIR SENSOR PERFORMANCE. ALL TRADESMEN (PLUMBERS, ELECTRICIANS, MASONS, ETC.) INVOLVED WITH THE INSTALLATION OF THIS PRODUCT MUST COORDINATE THEIR WORK TO ASSURE PROPER SENSOR OPERATION.

8 URINAL FLUSH VALVE DETAIL

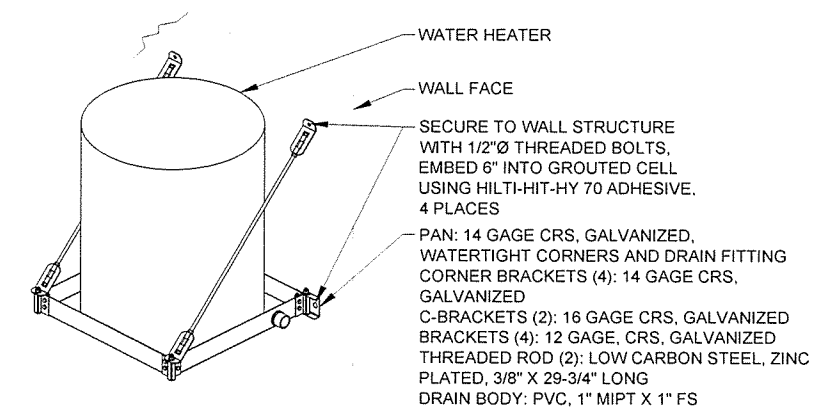
P-501 SCALE: NONE



- NOTES:
- OMIT CONCRETE PAD(S) WHERE TWCOTG IS LOCATED AT SIDEWALK. INSTALL CO'S TOP FLUSH WITH FINISH CONCRETE.

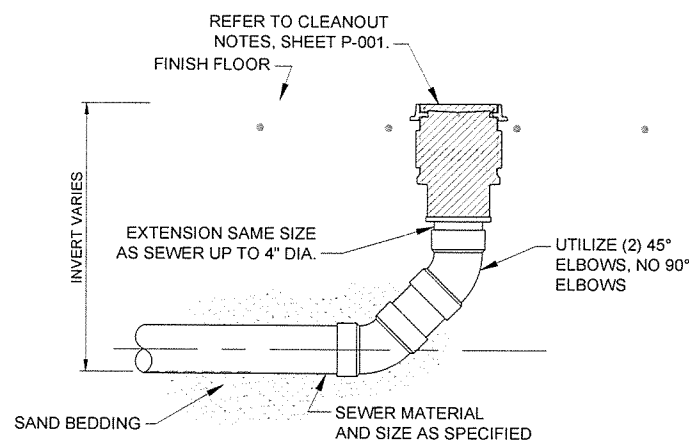
6 TWO-WAY CLEANOUT TO GRADE (TWCOTG) DETAIL

P-501 SCALE: NONE



9 WATER HEATER MOUNTING DETAIL

P-501 SCALE: NONE

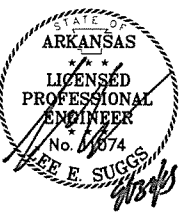


3 FLOOR CLEANOUT (FCO) DETAIL

P-501 SCALE: NONE



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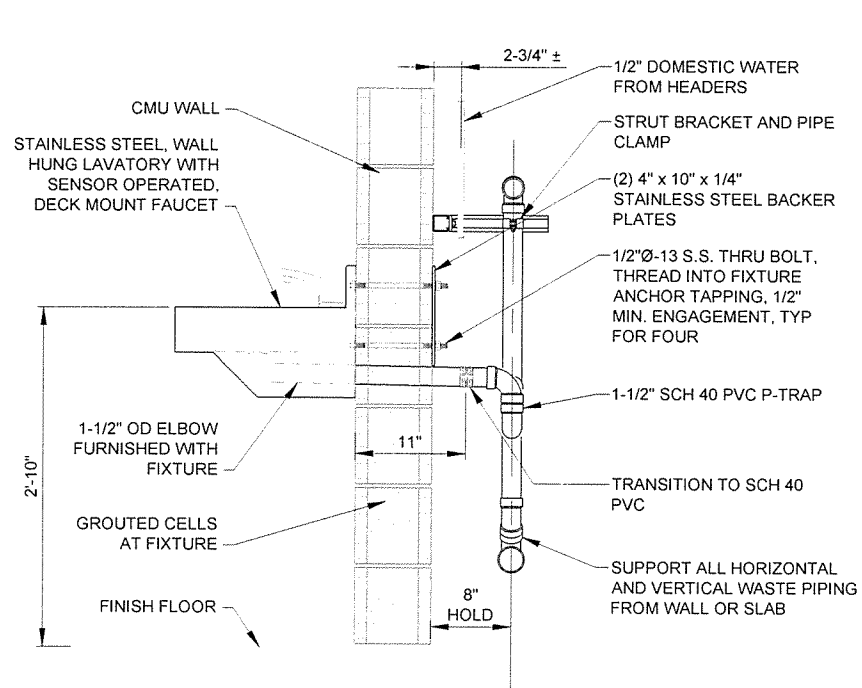
Job Number	060497	N/A	N/A	N/A
Submitted by	John T. Watkins, III, P.E. SE Director, Federal Services	Plot Scale	1:1	Drug Code
Designed by	K. SULLIVAN	Plot Date	9/29/15	Checked by
Drawn by	K. SULLIVAN	File Name	ARTISP-P-501.DWG	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
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JOB 060497
DETAILS I

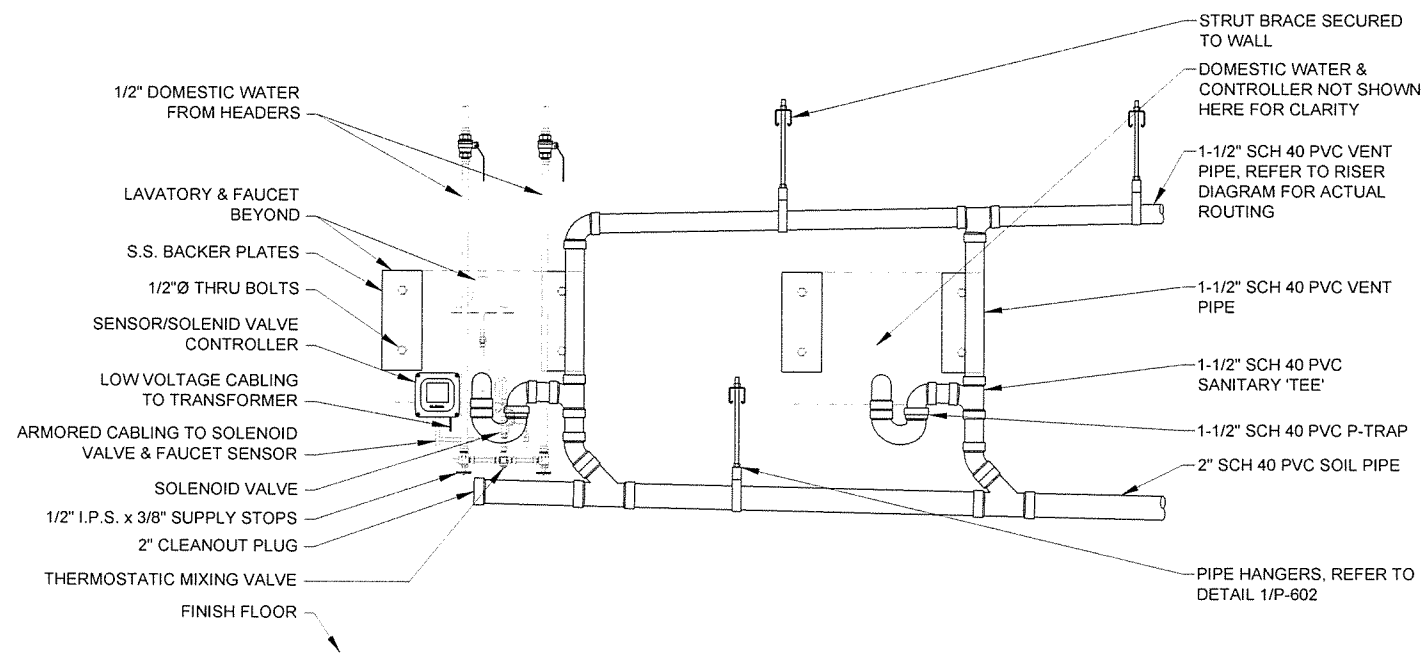
Sheet Reference Number:

P-501

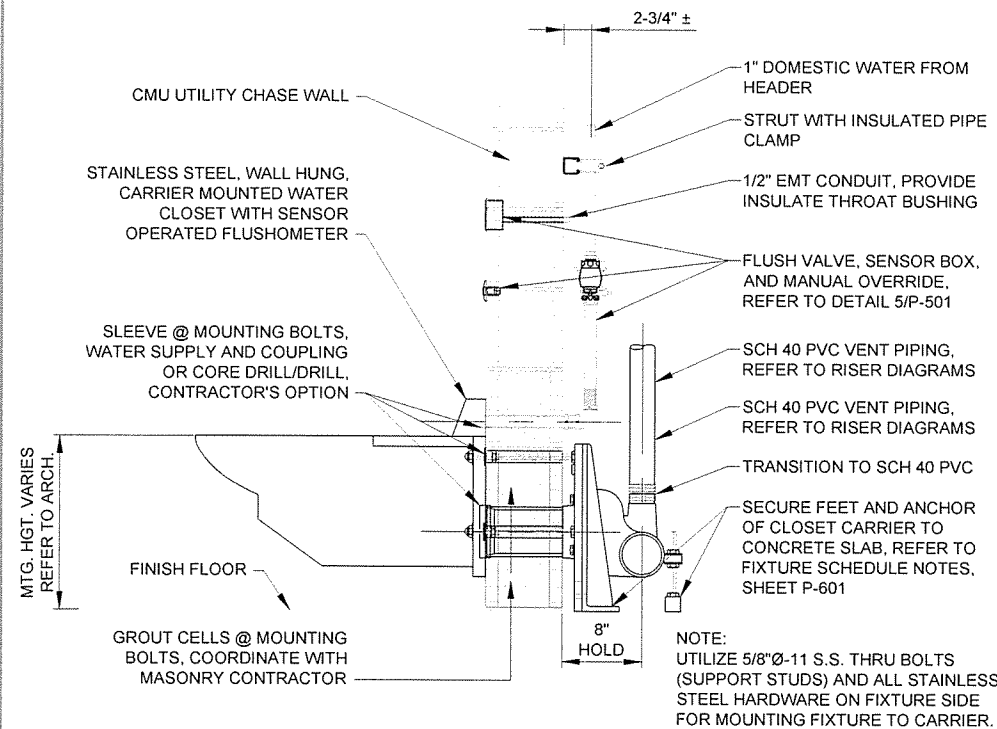
Sheet 90 of 105



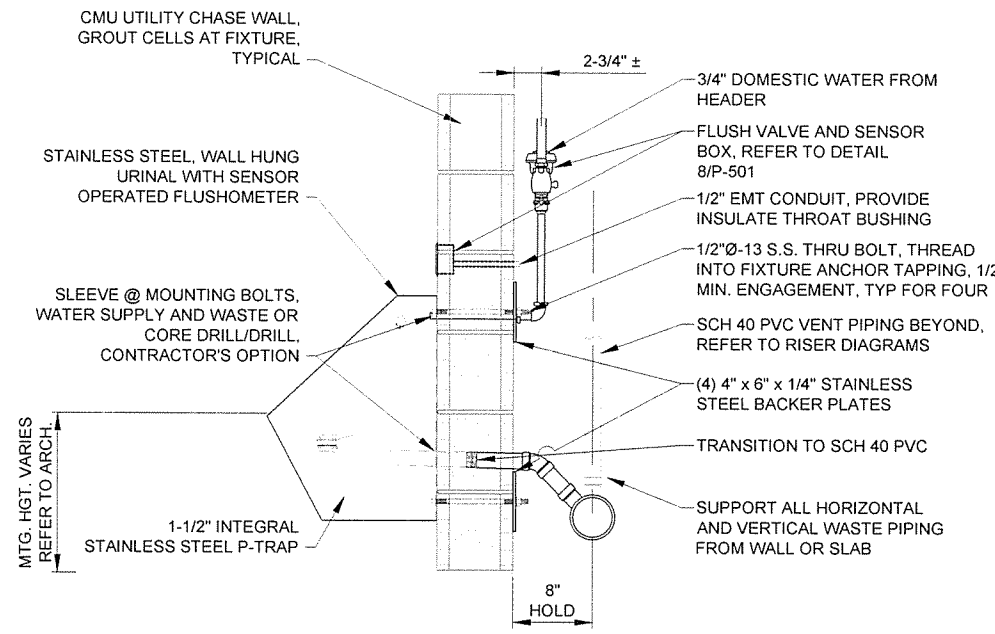
1 SECTION THRU TYPICAL WALL HUNG LAVATORY
 SCALE: NONE



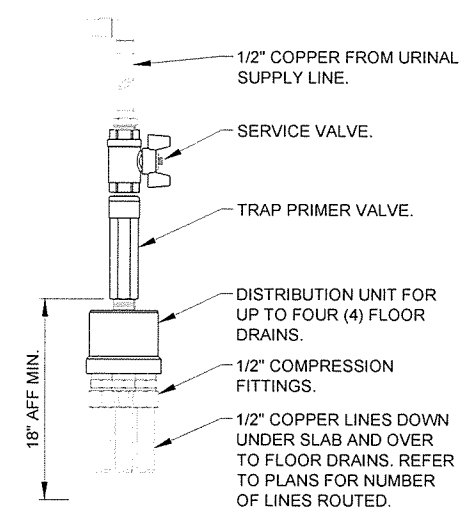
2 ELEVATION VIEW FROM UTILITY CHASE @ WALL HUNG LAVATORIES
 SCALE: NONE



3 SECTION THRU TYPICAL WALL HUNG, CARRIER MOUNTED WATER CLOSET
 SCALE: NONE

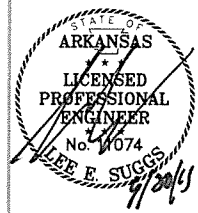


4 SECTION THRU TYPICAL WALL HUNG URINAL
 SCALE: NONE



5 TRAP PRIMER VALVE TPV-1 DETAIL
 SCALE: NONE

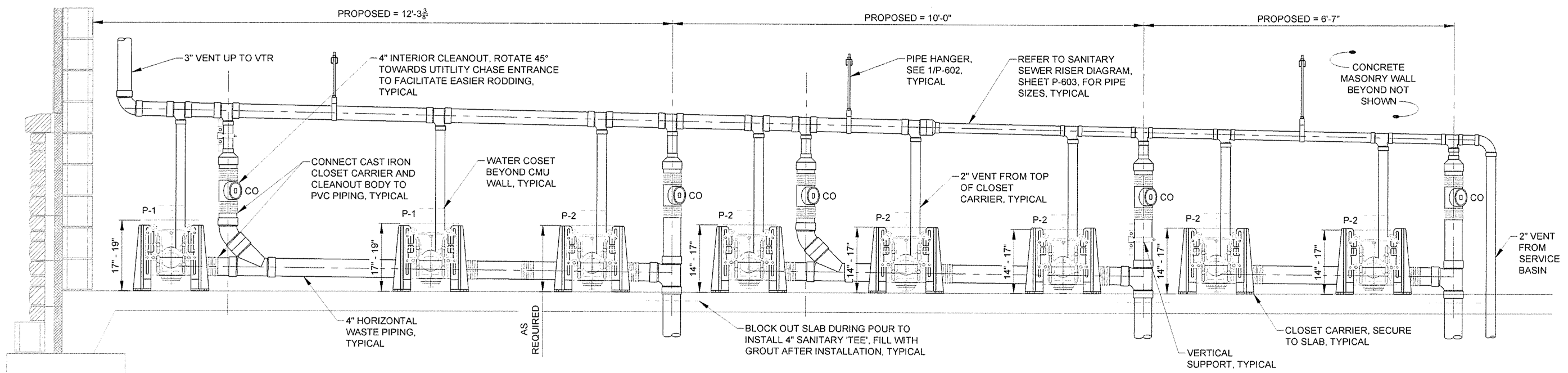
NOTES:
 1. INSTALLATION OF TPV-2 @ LAVATORY IS SIMILAR. TPV-2 DOES NOT HAVE A DISTRIBUTION UNIT.



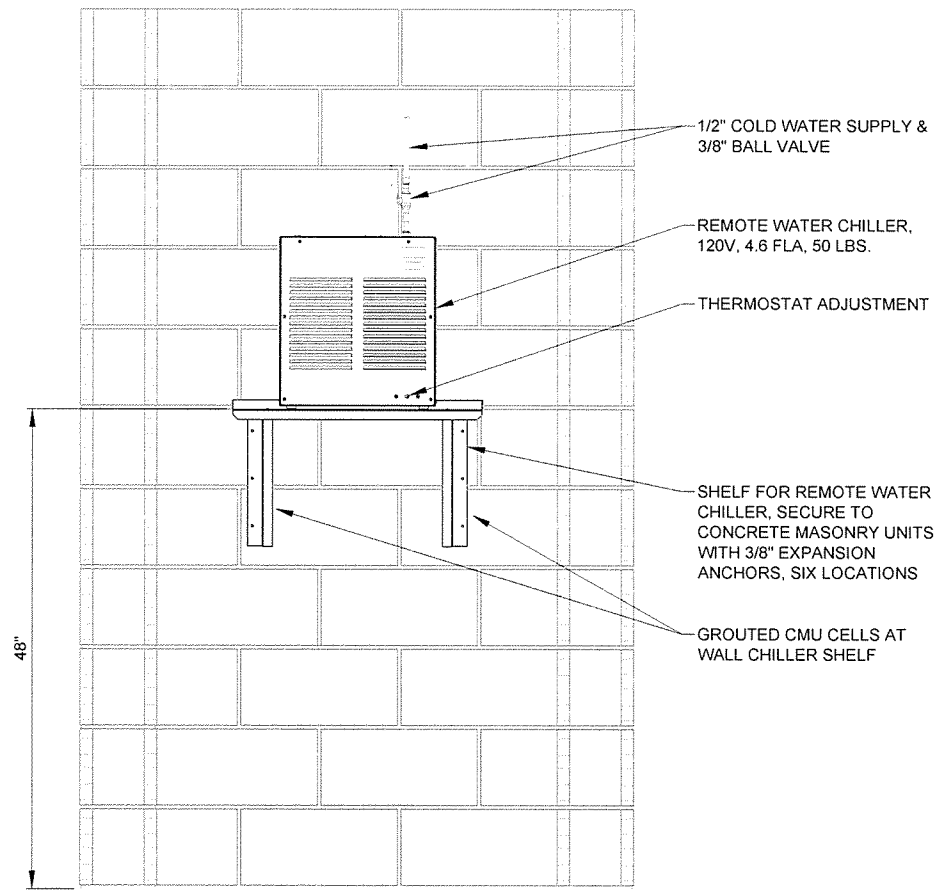
JRR	Appr.
10/11/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Job Number	080497
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services
Drawn by	K. SULLIVAN
Checked by	B. BRADSHAW
File Name	ARI5BP-P-502.DWG

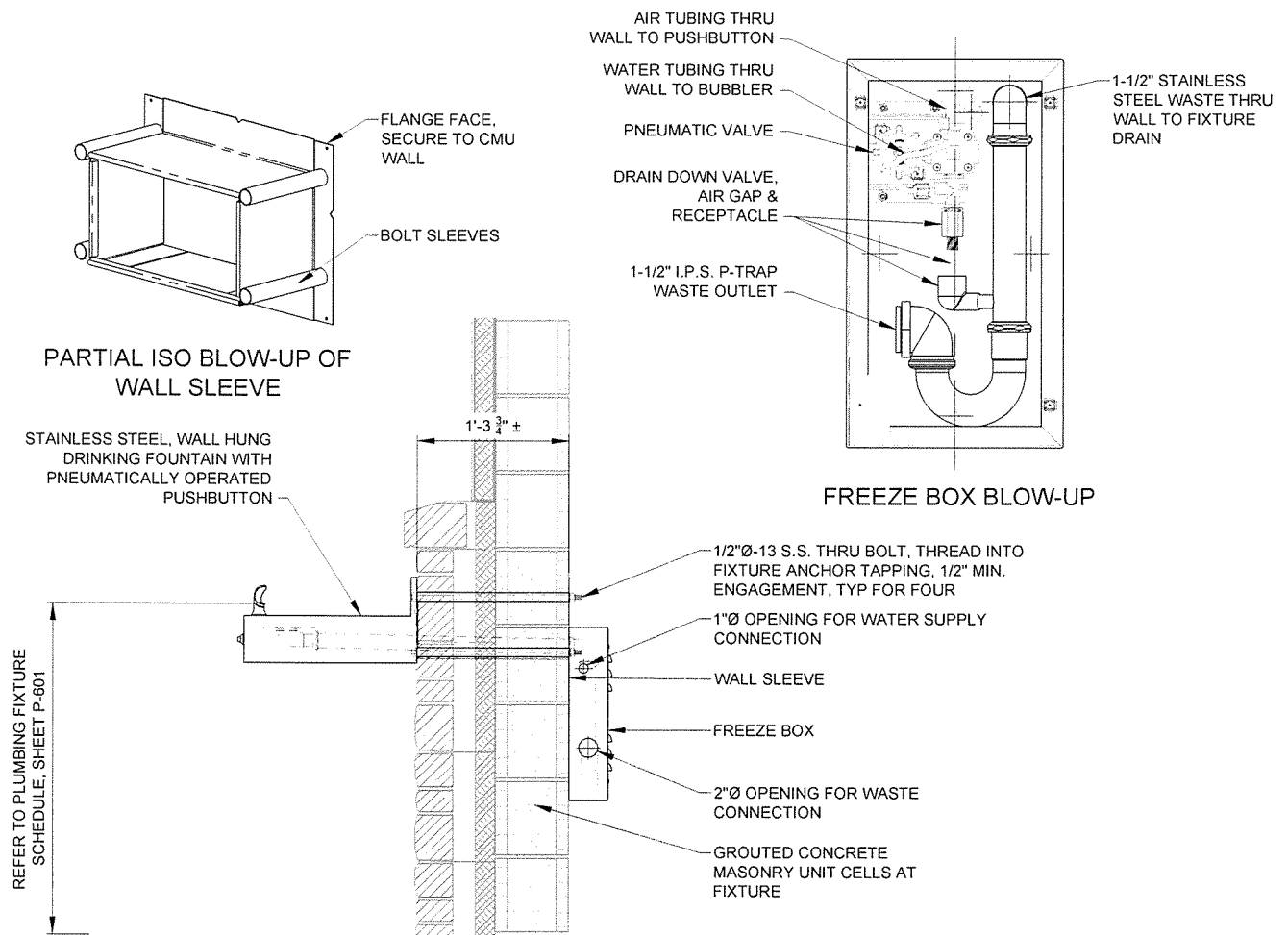
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 (BIG PINEY) (S)
 JOB 080497
 DETAILS II



1 ELEVATION VIEW FROM UTILITY CHASE @ CARRIER MOUNTED WATER CLOSETS
 P-503 SCALE: NONE



2 ELEVATION @ TYPICAL REMOTE WATER CHILLER
 P-503 SCALE: NONE



3 SECTION THRU TYPICAL DRINKING FOUNTAIN
 P-503 SCALE: NONE

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STATE OF ARKANSAS
 LICENSED PROFESSIONAL ENGINEER
 No. 11874
 E. E. SUGGS

JRR
 Appr
 10/1/15
 Date
 ISSUED FOR CONSTRUCTION
 Description
 IFC
 Symbol

Job Number	089497	Job Title	N/A	Job Date	N/A
Submitted by	John T. Williams, III, PE, SE Director, Field Services	Plot Scale	1:1	Drawn by	K. SULLIVAN
Designed by	K. SULLIVAN	Checked by	B. BRADSHAW	File Name	ARTBP-P-503 DWG

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 ARKANSAS TOURIST INFORMATION CENTER
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 JOB 080497
DETAILS III

Sheet Reference Number:
P-503
 Sheet 92 of 105

PLUMBING FIXTURE SCHEDULE TOURIST INFORMATION CENTER

MARK	DESCRIPTION	MFGR. & MODEL	FAUCETS, FITTINGS AND ACCESSORIES	TRAP	WASTE	COLD	HOT	REMARKS	NOTES
P-1	ADA COMPLIANT WATER CLOSET	ACORN ENGINEERING 2105-W-1-HET-1.28 GPF-FVBO-FG	FABRICATED, 14 GAGE, TYPE 304 STAINLESS STEEL, WALL HUNG, CLOSET CARRIER MOUNTED, ELONGATED, BACK SPUD, SIPHON JET, WALL OUTLET, 1.28 GPF. FURNISH WITH SLOAN VALVE 152-1.28 ES-S TMO CONCEALED, SENSOR ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL OVERRIDE AND EL-154 TRANSFORMER (120 VAC/24 VAC 50 VA), ZURN Z1203-N-XH-VP EXTRA HEAVY-DUTY ADJUSTABLE CLOSET CARRIER WITH VANDAL PROOF TRIM. INSTALLATION OF WATER CLOSET IS FOR 8 INCH THICK CONCRETE MASONRY WALL.	INTEGRAL	4"	1"	-	SATIN FINISH . VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS.	1.2
P-2	WATER CLOSET	ACORN ENGINEERING 2105-W-1-HET-1.28 GPF-FVBO-FG	FABRICATED, 14 GAGE, TYPE 304 STAINLESS STEEL, WALL HUNG, CLOSET CARRIER MOUNTED, ELONGATED, BACK SPUD, SIPHON JET, WALL OUTLET, 1.28 GPF. FURNISH WITH SLOAN VALVE 152-1.28 ES-S TMO CONCEALED, SENSOR ACTIVATED FLUSHOMETER WITH TRUE MECHANICAL OVERRIDE, ZURN Z1203-N-XH-VP EXTRA HEAVY-DUTY ADJUSTABLE CLOSET CARRIER WITH VANDAL PROOF TRIM. INSTALLATION OF WATER CLOSET IS FOR 8 INCH THICK CONCRETE MASONRY WALL.	INTEGRAL	4"	1"	-	SATIN FINISH . VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS.	1.2
P-3	ADA COMPLIANT URINAL	ACORN ENGINEERING 1709HEU-W-1-0.125-FVBO-MT	FABRICATED, 18 GAGE WITH 16 GAGE BOWL, TYPE 304 STAINLESS STEEL, WALL HUNG, BACK OUTLET, BACK SPUD, 0.125 GPF, METAL MOUNTING TEMPLATE, INTEGRAL 1-1/2 INCH STAINLESS STEEL P-TRAP. FURNISH WITH SLOAN VALVE 195 ES-S CONCEALED, SENSOR ACTIVATED FLUSHOMETER. INSTALLATION OF URINAL IS FOR 8 INCH THICK CONCRETE MASONRY WALL.	1-1/2"	2"	3/4"	-	SATIN FINISH . VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS.	1.3
P-4	URINAL	ACORN ENGINEERING 1709HEU-W-1-0.125-FVBO-MT	FABRICATED, 18 GAGE WITH 16 GAGE BOWL, TYPE 304 STAINLESS STEEL, WALL HUNG, BACK OUTLET, BACK SPUD, 0.125 GPF, METAL MOUNTING TEMPLATE, INTEGRAL 1-1/2 INCH STAINLESS STEEL P-TRAP. FURNISH WITH SLOAN VALVE 195 ES-S CONCEALED, SENSOR ACTIVATED FLUSHOMETER. INSTALLATION OF URINAL IS FOR 8 INCH THICK CONCRETE MASONRY WALL.	1-1/2"	2"	3/4"	-	SATIN FINISH . VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL INTERIOR ELEVATIONS.	1.3
P-5	ADA COMPLIANT LAVATORY	ACORN ENGINEERING 1652LRB-1-DM5-9-H34-MT-LWE-	FABRICATED, 14 GAGE, TYPE 304 STAINLESS STEEL, WALL HUNG, WITH 3 HOLE PUNCHED DECK (2 INCHES ON CENTER, COORDINATE WITH VALVE SPECIFIED/SUBMITTED), METAL MOUNTING TEMPLATE, INTEGRAL 1-1/2 INCH STAINLESS STEEL P-TRAP WITH GRID STRAINER. FURNISH WITH SLOAN VALVE ETF-600 CHROME PLATED BRASS, SENSOR ACTIVATED, 4" CENTER-SET ELECTRONIC HAND WASHING FAUCET, 0.5 GPM, WITH "BDT" BELOW DECK THERMOSTATIC MIXING VALVE AND EL-208 TRANSFORMER (120 VAC/24 VAC 100 VA), MCGUIRE ST02 1/2" IPS x 3/8" O.D SUPPLY STOPS. INSTALLATION OF LAVATORY IS FOR 8 INCH THICK CONCRETE MASONRY WALL.	1-1/2"	2"	1/2"	1/2"	SATIN FINISH . INSTALL WITH TOP OF APRON @ 34" AFF.	3.4
P-6	ADA COMPLIANT DRINKING FOUNTAIN	ACORN ENGINEERING 1672-1-BC-03-FP-MT-SW	FABRICATED, 14 GAGE, TYPE 304 STAINLESS STEEL, WALL HUNG, WITH DECK MOUNTED CODE COMPLIANT BUBBLER, AIR-CONTROL, SINGLE TEMPERATURE, NON-METERING VALVE, FREEZE RESISTANT BOX WITH DRAIN DOWN VALVE, METAL MOUNTING TEMPLATE, AND STAINLESS STEEL WALL SLEEVE. FURNISH ACORN A9100080-A-SRC REMOTE WATER CHILLER (120V, 4.6A) WITH SHELF FOR REMOTE MOUNTING. INSTALLATION OF DRINKING FOUNTAIN IS FOR NOM. 16 INCH THICK WALL CONSISTING OF CONCRETE MASONRY, INSULATION/AIR GAP, AND STONE VENEER.	1-1/2"	2"	1/2"	-	SATIN FINISH . INSTALL WITH BUBBLER HEIGHT @ 34-1/2"(±) ABOVE FINISH GRADE.	3.5
P-7	ADA COMPLIANT DRINKING FOUNTAIN	ACORN ENGINEERING 1672-1-BC-03-FP-MT-SW	FABRICATED, 14 GAGE, TYPE 304 STAINLESS STEEL, WALL HUNG, WITH DECK MOUNTED CODE COMPLIANT BUBBLER, AIR-CONTROL, SINGLE TEMPERATURE, NON-METERING VALVE, FREEZE RESISTANT BOX WITH DRAIN DOWN VALVE, METAL MOUNTING TEMPLATE, AND STAINLESS STEEL WALL SLEEVE. FURNISH ACORN A9100080-A-SRC REMOTE WATER CHILLER (120V, 4.6A) WITH SHELF FOR REMOTE MOUNTING. INSTALLATION OF DRINKING FOUNTAIN IS FOR NOM. 16 INCH THICK WALL CONSISTING OF CONCRETE MASONRY, INSULATION/AIR GAP, AND STONE VENEER.	1-1/2"	2"	1/2"	-	SATIN FINISH . INSTALL WITH BUBBLER HEIGHT @ 40-1/2"(±) ABOVE FINISH GRADE.	3.5
P-8	MOP SERVICE BASIN	STERN WILLIAMS SBC-1425-BP	CORNER STYLE, 32" x 36" x 12", COMPOSED OF PEARL GREY MARBLE CHIPS AND WHITE PORTLAND CEMENT, INTEGRAL CAST BRASS DRAIN WITH STAINLESS STEEL STRAINER, 20 GAGE, TYPE 304 STAINLESS STEEL SPLASH CATCHER PANELS FURNISH WITH #T-35 HOSE AND WALL HOOK, #T-40 MOP HANGER AND #BP STAINLESS STEEL SPLASH GUARDS, AND CHICAGO FAUCETS 835-XKCP SURFACE MOUNTED SERVICE SINK FAUCET WITH VACUUM BREAKER,CROSS HANDLES, WALL BRACKET SUPPORT ROD, PAIL HOOK, AND 3/4 HOSE THREAD OUTLET.	3"	3"	1/2"	1/2"	INTALL FAUCET AT 42" AFF. INSTALL MOP HANGER AND HOSE WALL HOOK ON ADJACENT WALL PER MANUFACTURER'S INSTRUCTIONS.	

NOTES:

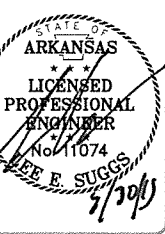
1. TRANSFORMER SPECIFIED WITH P-1 WILL POWER UP TO TEN (10) WATER CLOSETS OR URINALS OR ANY COMBINATION THEREOF. NOT TO EXCEED TEN FIXTURES.
2. ENSURE CLOSET CARRIER FEET AND ANCHOR ARE BOLTED TO FLOOR SLAB USING ANCHORS CAPABLE OF ACHIEVING PULL-OUT FORCE OF 805 LBS. EACH (FOUR LOCATIONS @ EACH CARRIER).
3. ONLY ONE METAL MOUNTING TEMPLATE WILL BE REQUIRED FOR INSTALLATION PURPOSES.
4. TRANSFORMER SPECIFIED WITH P-5 WILL POWER UP TO SIX (6) LAVATORY SENSOR CONTROLLERS.
5. INSTALL REMOTE CHILLER ON SHELF SPECIFIED AT 48" AFF MINIMUM TO ALLOW CLEAR FLOOR SPACE WITHIN UTILITY CHASE.

DOMESTIC WATER HEATER SCHEDULE TOURIST INFORMATION CENTER

MARK	DESCRIPTION	MFGR. & MODEL	STORAGE (GALLONS)	INPUT (KW)	MIN. THERMAL EFFICIENCY	VOLTAGE/ PHASE	OUTLET (DEG. F)	ELEC. REQUIREMNTS	RECOVERY (GALLONS/HR.)	REMARKS	NOTES
EWH-1 EWH-2 EWH-3 EWH-4	ELECTRIC WATER HEATER	WHIRLPOOL E1F6US017V	6	1650	N/A	120/1	135	FLEXIBLE CONNECTION WITH DISCONNECT	N/A	FURNISH WITH OATEY 34160 PLASTIC DRAIN PAN WITH 1" PVC DRAIN CONNECTION, DIELECTRIC UNIONS, HOT & COLD WATER SHUT-OFF VALVES, AND APPROVED T & P RELIEF VALVE (PIPE FULL-SIZE DISCHARGE DOWN INTO DRAIN PAN, PROVIDE AIR GAP).	1, 4, 5, 7
EWH-5	ELECTRIC WATER HEATER	WHIRLPOOL E1F6US017V	6	1650	N/A	120/1	135	FLEXIBLE CONNECTION WITH DISCONNECT	N/A	FURNISH WITH HOLD-RITE #40-SWHP-W WALL MOUNTED EQUIPMENT PLATFORM/INTEGRAL DRAIN PAN WITH 1" PVC DRAIN CONNECTION AND ALL MOUNTING HARDWARE, DIELECTRIC UNIONS, HOT & COLD WATER SHUT-OFF VALVES, AND APPROVED T & P RELIEF VALVE (PIPE FULL-SIZE DISCHARGE INTO INTEGRAL PAN, PROVIDE AIR GAP).	1, 2, 3, 4, 6, 7

NOTES:

1. CONTRACTOR SHALL SET OUTLET TEMPERATURE ON WATER HEATER.
2. CONTRACTOR SHALL COORDINATE WALL MOUNTED EQUIPMENT PLATFORM WITH MASONRY CONTRACTOR TO ENSURE CMU CELLS ARE GROUTED FOR EMBEDDING SECURING BOLTS.
3. CONTRACTOR SHALL ROUTE PAN DRAIN FOR DOWN TO SERVICE BASIN IN CORNER OF UTILITY CHASE.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRICAL CONTRACTOR TO ENSURE SUFFICIENT LENGTH OF FLEXIBLE CONDUIT IS INSTALLED TO ALLOW FOR FUTURE REMOVAL AND REPLACEMENT OF WATER HEATER.
5. INSTALL WATER HEATER ON FLOOR IN UTILITY CHASE. ROUTE 1" PVC PAN DRAIN ALONG WALL UNDER WASTE PIPING TOWARDS FLOOR DRAIN AND TURN OUT. THE DESIGN INTENT IS TO KEEP THE PAN DRAIN PIPE UNDER PIPING IN CHASE AND TO NOT IMPEDE FOOT TRAFFIC.
6. INSTALL WATER HEATER AND STAND AT MAXIMUM MOUNTING HEIGHT TO PROVIDE CLEAR HEAD ROOM UNDER STAND.
7. FINAL CONNECTION TO WATER HEATER AT DIELECTRIC UNION SHALL BE MADE WITH SUFFICIENT LENGTH OF FLEXIBLE COPPER TUBING TO ALLOW FOR FUTURE REMOVAL AND REPLACEMENT OF WATER HEATER.



JRR
Date 10/1/15

ISSUED FOR CONSTRUCTION
Description
PC
Symbol

Job Number 080497
Submitted by PE, SE John T. Watkins, III, Director, Federal Services
Drawn by K. SULLIVAN
Checked by B. BRADSHAW
Plot Date 9/29/15
Plot Scale 1:1
File Name AHTSPP-P-001.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
SCHEDULES I

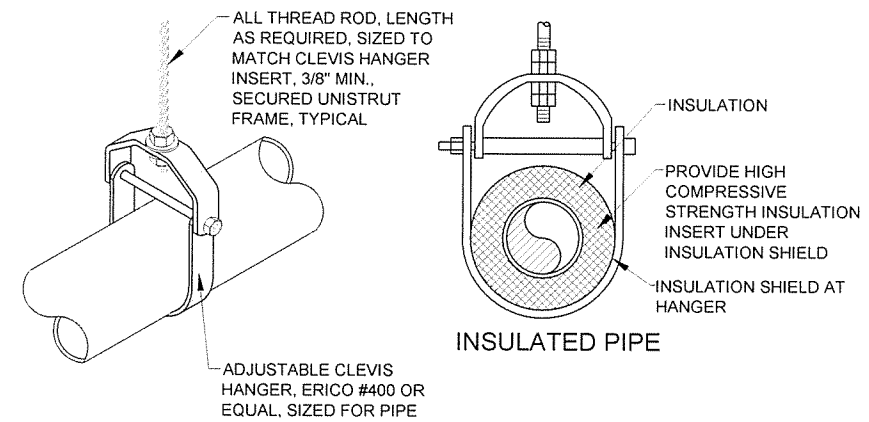
Sheet Reference Number:
P-601
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PLUMBING EQUIPMENT SCHEDULE TOURIST INFORMATION CENTER

MARK	DESCRIPTION	MFGR. & MODEL	SPECIFICATIONS	REMARKS
WH-1	WALL HYDRANT	ZURN Z1300-WC	ENCASED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, 16 INCH WALL THICKNESS, FURNISHED WITH NON-FREEZE TYPE INTEGRAL BACKFLOW PREVENTER, BRONZE CASING, ALL BRONZE PARTS, NICKEL BRONZE BOX AND HINGED COVER WITH OPERATING KEY LOCK AND "WATER" CAST ON COVER, WALL CLAMP AND 3/4 INCH HOSE CONNECTION.	COORDINATE CONNECTION STYLE WITH FIELD CONDITIONS (OPTIONS 34FS OR 34UN). INSTALL AT 18" AFF.
WH-2	WALL HYDRANT	ZURN Z1300-PB-WC	ENCASED, NON-FREEZE, ANTI-SIPHON, AUTOMATIC DRAINING, 8 INCH WALL THICKNESS, FURNISHED WITH NON-FREEZE TYPE INTEGRAL BACKFLOW PREVENTER, BRONZE CASING, ALL BRONZE PARTS, BRONZE BOX WITH POLISHED BRONZE FACE AND HINGED COVER WITH OPERATING KEY LOCK AND "WATER" CAST ON COVER, WALL CLAMP AND 3/4 INCH HOSE CONNECTION.	COORDINATE CONNECTION STYLE WITH FIELD CONDITIONS (OPTIONS 34FS OR 34UN). INSTALL AT 18" AFF.
TPV-1	TRAP PRIMER VALVE	PRECISION PLUMBING PRODUCTS, INC. P1-500	ALL BRASS AUTOMATIC PRESSURE DROP ACTIVATED. FURNISH WITH DU-4 DISTRIBUTION UNIT AND SERVICE VALVE. CONNECT TO URINAL COLD WATER SUPPLY.	REFER TO DETAILS FOR ADDITIONAL INSTALLATION REQUIREMENTS.
TPV-2	TRAP PRIMER VALVE	PRECISION PLUMBING PRODUCTS, INC. P2-500	ALL BRASS AUTOMATIC PRESSURE DROP ACTIVATED. CONNECT TO LAVATORY COLD WATER SUPPLY.	

FLOOR DRAIN SCHEDULE

MARK	DESCRIPTION	MFGR. & MODEL	SPECIFICATIONS	REMARKS
FD-1	FLOOR DRAIN	ZURN Z415BZ-P-VP	CAST IRON BODY WITH BOTTOM OUTLET, 6-1/4 INCH DIAMETER NICKEL BRONZE LEVELING STRAINER, 3 INCH OUTLET, TRAP PRIMER CONNECTION, VANDAL PROOF TOP.	INSTALL STRAINER FLUSH WITH FINISH FLOOR.
FD-2	FLOOR DRAIN	ZURN Z415BZ-OF-P-VP	CAST IRON BODY WITH BOTTOM OUTLET, 6-1/4 INCH DIAMETER NICKEL BRONZE LEVELING STRAINER, 3 INCH OUTLET, OVAL FUNNEL, TRAP PRIMER CONNECTION, VANDAL PROOF TOP.	INSTALL STRAINER FLUSH WITH FINISH FLOOR.



PVC AND METALLIC PIPE

MINIMUM SUPPORT ALL THREAD ROD SIZE

PIPE SIZE	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"
ALL THREAD	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"	1/2"	5/8"

MAX. PIPE/TUBING SUPPORT SPACING, FEET

NOM. SIZE	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
COPPER TUBING	5'	5'	6'	7'	8'	8'	9'	10'	12'
PVC PIPE	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	7'-10"	9'-10"	9'-10"	9'-10"

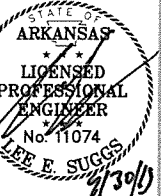
NOTES:

- WHEN UTILIZING VEE BOTTOM HANGERS AND STEEL SUPPORT CHANNEL, INSTALL HANGERS AS CLOSE AS POSSIBLE TO THE CHANNEL JOINTS. LAP SUPPORT CHANNELS 2" BOTH ENDS.
- ALL HANGERS AND SPACING FOR RIGID PLASTIC PIPE SHALL COMPLY WITH SECTION 18, MSS-SP-69.
- FOR DRAIN PIPES SLOPE 1/8"/FT UNLESS NOTED OTHERWISE, SEE PLAN FOR SIZES.
- ALL HANGERS AND STRUT BRACKETS TO BE GALVANIZED, ALL HARDWARE SHALL BE STAINLESS STEEL.

1 PIPE HANGER DETAILS
SCALE: NONE



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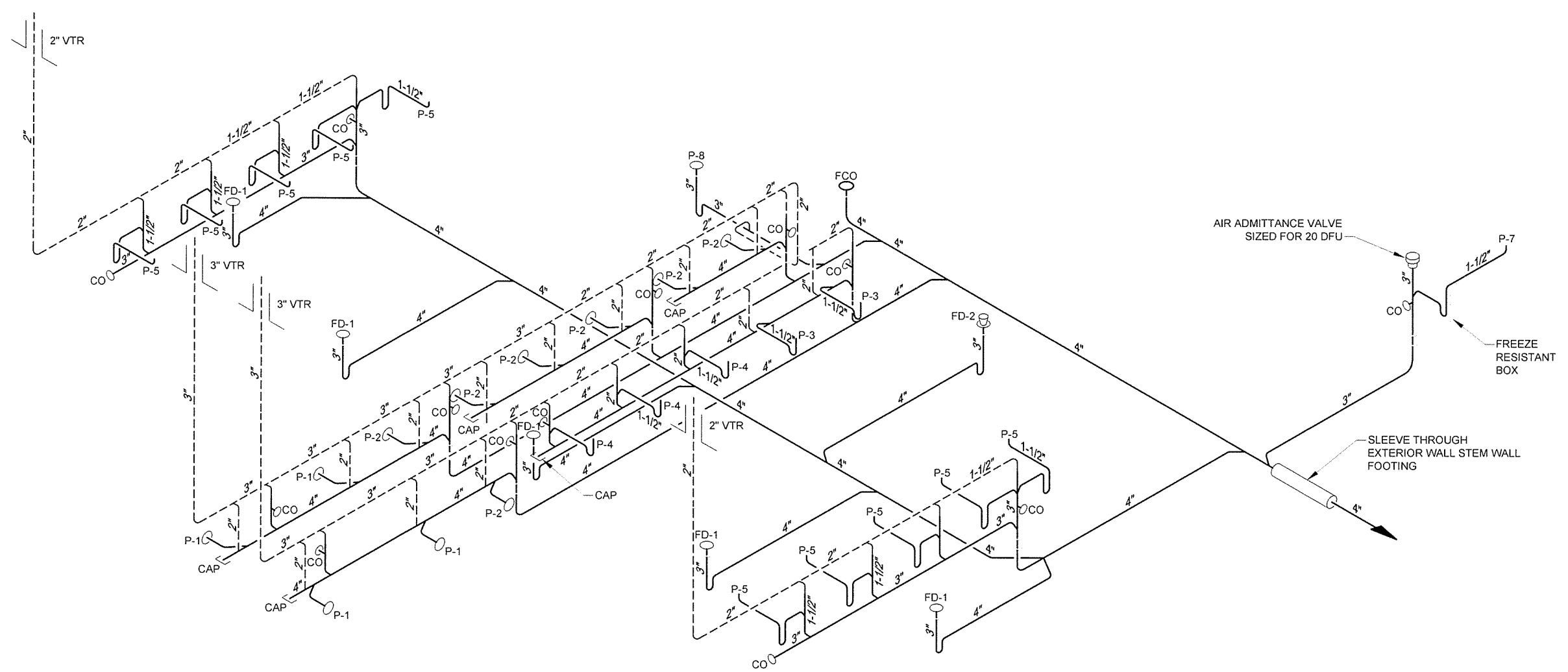
JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Job Number	060487	N/A	N/A	N/A
Submitted by	John T. Valens, III, P.E., SE Director, Federal Services	Plot Scale	1:1	Plot Date
Designed by	J. RAMSEY	Drawn by	J. DEMARNE	Checked by
File Name	ART18BP-P-602.DWG	Drwg Code		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINNEY) (S)
JOB 060487

SCHEDULES AND DETAILS

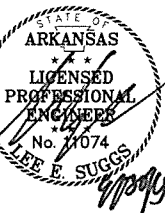
Sheet Reference Number:
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1
P-603

TOURIST INFORMATION CENTER - SANITARY SEWER RISER DIAGRAM

SCALE: NONE NOTE: OPPOSITE SIDE OF STRUCTURE RISER DIAGRAM IS SIMILAR, OPPOSITE HAND.

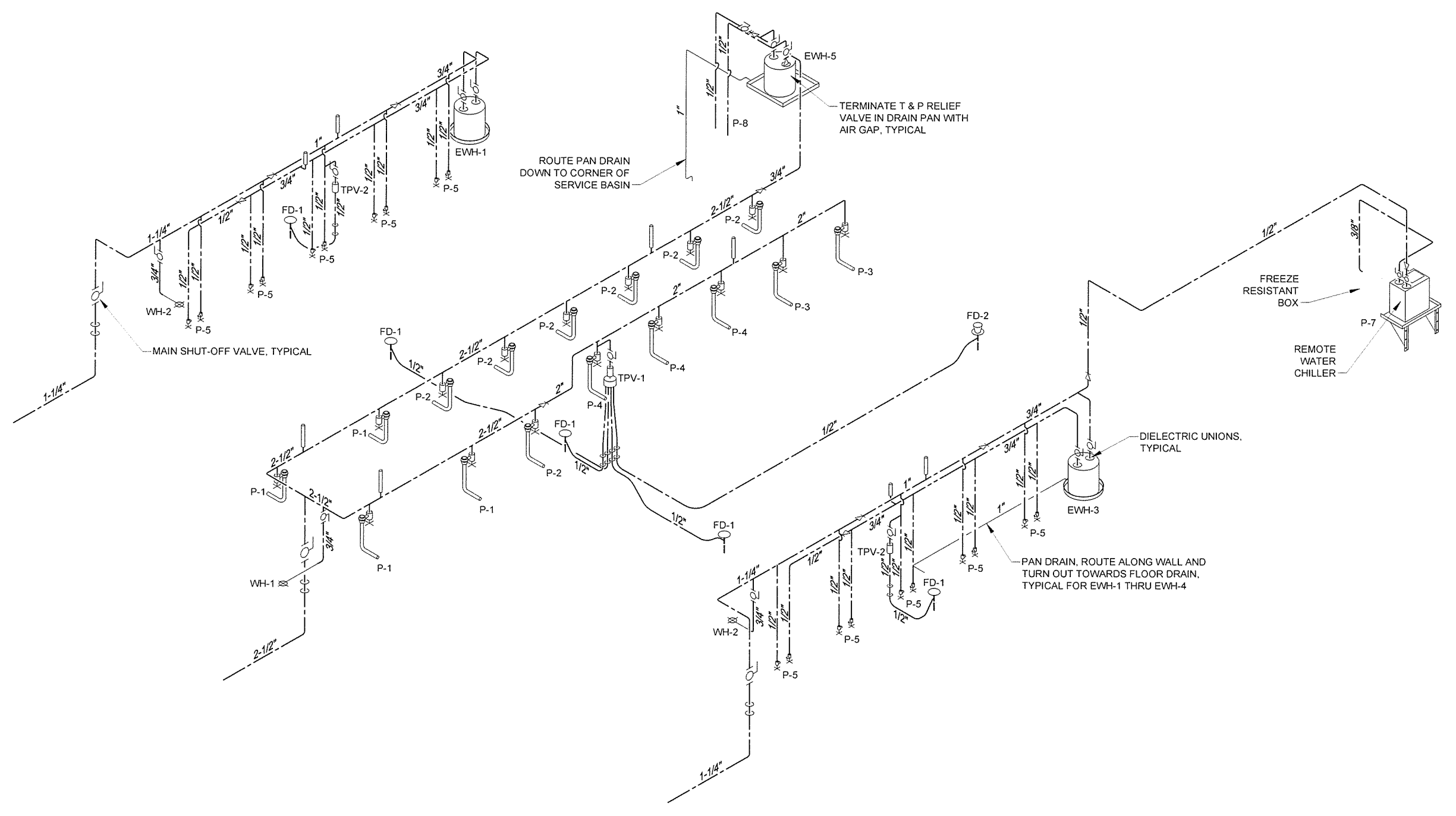


JRR	Appr.
10/11/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Job Number 090497	N/A	N/A	N/A
Submitted by John T. Watkins, II, P.E., SE Director, Federal Services	Plot Scale 1:1	Plot Date 9/29/15	Dwg Code
Designed by K. SULLIVAN	Drawn by K. SULLIVAN	Checked by B. BRADSHAW	File Name: AHT558P-P-603 DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 090497
 RISER DIAGRAMS I

Sheet Reference Number:
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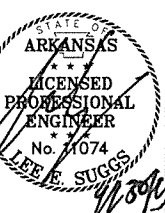


1
P-604

TOURIST INFORMATION CENTER - DOMESTIC WATER RISER DIAGRAM

SCALE: NONE

NOTE: OPPOSITE SIDE OF STRUCTURE RISER DIAGRAM IS SIMILAR, OPPOSITE HAND.



Job Number	080497	10/1/15	JRR
Submitted by	John T. Watkins, III, PE, SE Director, Federal Services	Date	10/1/15
Drawn by	K. SULLIVAN	Plot Date	9/29/15
Checked by	B. BRADSHAW	Plot Scale	1:1
File Name	ATI5BP-P-604.DWG	Drwg Code	
IFC Symbol		ISSUED FOR CONSTRUCTION	Description

Designed by	K. SULLIVAN	Job Number	080497
Drawn by	K. SULLIVAN	Submitted by	John T. Watkins, III, PE, SE Director, Federal Services
Checked by	B. BRADSHAW	Drawn by	K. SULLIVAN
File Name	ATI5BP-P-604.DWG	Checked by	B. BRADSHAW

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
 ARKANSAS TOURIST INFORMATION CENTER
 (BIG PINEY) (S)
 JOB 080497

RISER DIAGRAMS II

Sheet Reference Number:
P-604
 Sheet 96 of 105

LIGHTING, POWER & SYSTEM LEGEND

	WALL MOUNTED FLUORESCENT LIGHT FIXTURE		20 AMP DUPLEX RECEPTACLE, MTD 18" AFF, WITH #12 GROUND WIRE. "GFCI" INDICATES GROUND FAULT CIRCUIT INTERRUPTER, "WP" INDICATES WEATHERPROOF WHILE-IN-USE ENCLOSURE AND COVER, RECEPTACLES SHOWN IN "WP" ENCLOSURES SHALL BE WEATHER RESISTANT "WR" TYPE, "TR" INDICATES TAMPER-RESISTANT DEVICE, BOX INDICATES FLOOR OUTLET WITH RECESSED CAST JUNCTION BOX
	FLUORESCENT LIGHT FIXTURE 1'x4'		20 AMP QUADPLEX RECEPTACLE, MTD 18" AFF
	FLUORESCENT LIGHT FIXTURE 2'x4'		ELECTRICAL PANEL OR EQUIPMENT CABINET, SURFACE MOUNTED, 5'-6" TO TOP OF ENCLOSURE
	FLUORESCENT LIGHT FIXTURE 2'x2'		HOME RUN TO PANEL IN DEDICATED CONDUIT, RECEPTACLES AND EQUIPMENT SHALL HAVE DEDICATED GREEN GROUND WIRE. NUMBER OF ARROWS INDICATES NUMBER OF PHASE CONDUCTORS, LETTER(S) INDICATE NAME OF PANEL, NUMBER(S) INDICATE CIRCUIT NUMBERS
	FLUORESCENT LIGHT FIXTURE WITH EMERGENCY LIGHT (EL) BATTERY PACK, 1400 LUMENS MINIMUM FOR 2 LAMPS		TELEPHONE OUTLET, SINGLE JACK WITH 3/4"C TO ABOVE LAY-IN CEILING OR CABLE TRAY
	RECESSED LIGHT FIXTURE, UNLESS OTHERWISE SHOWN		DATA OUTLET, SINGLE JACK
	WALL MOUNTED LIGHT FIXTURE, MOUNTING HEIGHT AS INDICATED		DATA OUTLET, BOX INDICATES FLOOR OUTLET WITH RECESSED CAST JUNCTION BOX, DUAL COMBINATION WITH (1) TELEPHONE AND (1) DATA JACK UNLESS OTHERWISE NOTED
	LED EXIT LIGHT FIXTURE, CEILING MOUNTED, DARKENED AREA INDICATES FACE, ARROWS INDICATE DIRECTION OF EGRESS, STROBES AS INDICATED		TELEVISION OUTLET, SINGLE JACK MTD 18" AFF WITH 3/4"C TO ABOVE LAY-IN CEILING OR CABLE TRAY UNLESS NOTED OTHERWISE
	BATTERY PACK EMERGENCY LIGHT FIXTURE WITH TWO LAMP HEADS		TRANSFORMER, IDENTIFIER SHOWN, REFER TO SCHEDULE FOR SIZE
	INDUSTRIAL STRIP FLUORESCENT LIGHT FIXTURE		TRANSFORMER, RATINGS AS SHOWN
	NON-FUSED DISCONNECT SWITCH, SIZE AS NOTED		CIRCUIT BREAKER, TRIP RATING SHOWN, 3-POLE UNLESS NOTED OTHERWISE
	COMBINATION DISCONNECT AND MOTOR STARTER, SIZE AS NOTED, FUSED TYPE SHOWN		3/4"x10'-0" COPPER CLAD GROUND ROD
	FUSED DISCONNECT SWITCH, SIZE AS NOTED		CLOSED CIRCUIT (CCTV) CAMERA EXTERIOR MOUNTED
	JUNCTION BOX, 42 CUBIC INCH MINIMUM CAPACITY		CLOSED CIRCUIT (CCTV) CAMERA INTERIOR MOUNTED
	S LIGHT SWITCH, 120V, 20A, MTD 4'-0" AFF		
	S ₃ LIGHT SWITCH, 120V, 20A, 3-WAY, MTD 4'-0" AFF		
	S ₄ LIGHT SWITCH, 120V, 20A, 4-WAY, MTD 4'-0" AFF		
	S _{OS} LIGHT SWITCH, LINE VOLTAGE, OCCUPANCY SENSOR TYPE, DUAL TECHNOLOGY, 2-POSITION, AUTO-ON, MANUAL-ON MTD 4'-0" AFF		
	S _M MOTOR RATED SWITCH, 120V		
	OS CEILING MOUNTED LIGHT SWITCH, LINE VOLTAGE, OCCUPANCY SENSOR TYPE,		
	PC CEILING MOUNTED PHOTO SENSOR CONTROL		

GENERAL NOTES:

- SOME SYMBOLS OR ABBREVIATIONS MAY APPEAR ON THIS SHEET BUT NOT BE UTILIZED ON THE PROJECT.
- LIGHTING LEGEND SHOWS EXAMPLE IDENTIFIERS, REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC REQUIREMENTS.

ABBREVIATIONS

A	AMP	MCB	MAIN CIRCUIT BREAKER
ABC	ABOVE COUNTER	MCC	MOTOR CONTROL CENTER
ACS	ACCESS CONTROL SYSTEM	MCP	MOTOR CIRCUIT PROTECTOR
ACU	AIR CONDITIONING UNIT	MFR	MANUFACTURER
AFF	ABOVE FINISHED FLOOR	MIN	MINIMUM
AFG	ABOVE FINISHED GRADE	MLO	MAIN LUGS ONLY
AIC	AMPS INTERRUPTING CAPACITY	MS	MOTOR STARTER
AHU	AIR HANDLING UNIT	MTD	MOUNTED
AM	AMP-METER	N	NEUTRAL
AP	AERIAL PRIMARY	NFDS	NON-FUSED DISCONNECT SWITCH
AS	AERIAL SECONDARY	NL	NIGHT LIGHT
ATS	AUTOMATIC TRANSFER SWITCH	NTS	NOT TO SCALE
AUX	AUXILIARY	OC	ON CENTER
BFI	BLOWN FUSE INDICATOR	OF/CI	OWNER FURNISHED/ CONTRACTOR INSTALLED
BKR	BREAKER	OH	OVERHEAD
C	CONDUIT	OHP	OVERHEAD PRIMARY
CB	CIRCUIT BREAKER	OHS	OVERHEAD SECONDARY
CGRS	PVC COATED GALVANIZED RIGID STEEL	OL	OVERLOAD
CF/CI	CONTRACTOR FURNISHED/ CONTRACTOR INSTALLED	PB	PUSH BUTTON
CKT	CIRCUIT	PEC	PHOTO ELECTRIC CELL
CL	CENTERLINE	PF	POWER FACTOR
COM	COMMON	PFCC	POWER FACTOR CORRECTION CAPACITOR
CONT	CONTINUOUS	PL	PILOT LIGHT
CP	CONTROL PANEL	PMR	PHASE MONITOR RELAY
CP	CONTROL PANEL	PNL	PANEL
CPT	CONTROL POWER TRANSFORMER	PTT	PUSH-TO-TEST
CR	CONTROL RELAY	PVC	SCHEDULE 40 POLYVINYL CONDUIT
CRI	COLOR RENDERING INDEX	RECPT	RECEPTACLE
CS	CORD SET	RM	ROOM
CU	COEFFICIENT OF UTILIZATION	S	SECOND
CU	CONDENSING UNIT	SDBC	SOFT DRAWN BARE COPPER
DEB	DIRECT EARTH BURIED	SE	SERVICE ENTRANCE
EC	EMPTY OR EMBEDDED CONDUIT	SHT	SHEET
EF	EXHAUST FAN	SN	SOLID NEUTRAL
EG	EQUIPMENT GROUND	SPD	SURGE PROTECTIVE DEVICE
EL	EMERGENCY LIGHT	SS	STAINLESS STEEL
EMT	ELECTRICAL METALLIC TUBING	STA	STATION
ETM	ELASPED TIME METER	SW	SWITCH
FC	FAN COIL	TEL	TELEPHONE
FDS	FUSED DISCONNECT SWITCH	TD	TIME DELAY
FLR	FLOOR	THD	TOTAL HARMONIC DISTORTION
FOC	FIBER OPTIC CABLE	TMB	TELECOMMUNICATION MOUNTING BOARD
FS	FLOAT SWITCH		
FT	FEET	TYP	TYPICAL
FVNR	FULL VOLTAGE NON-REVERSING STARTER	TC	TIME CLOCK
FVR	FULL VOLTAGE REVERSING STARTER	TGB	TELECOMMUNICATION GROUNDING BAR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	TMGB	TELECOMMUNICATION MAIN GROUNDING BAR
GF/CI	GOVERNMENT FURNISHED/ CONTRACTOR INSTALLED	UG	UNDERGROUND
GF/GI	GOVERNMENT FURNISHED/ GOVERNMENT INSTALLED	UGE	UNDERGROUND ELECTRIC
GND	GROUND	UGP	UNDERGROUND PRIMARY
GRS	GALVANIZED RIGID STEEL	UGS	UNDERGROUND SECONDARY
HOA	HAND-OFF-AUTO	UH	UNIT HEATER
HP	HORSEPOWER OR HEAT PUMP	UNO	UNLESS NOTED OTHERWISE
HR	HOUR	UTP	UNSHIELDED TWISTED PAIR
IG	ISOLATED GROUND	V	VOLT
ISP	INDIVIDUALLY SHIELDED PAIR	VA	VOLT-AMP
JB	JUNCTION BOX	VFD	VARIABLE FREQUENCY DRIVE
KVA	KILOVOLT-AMPERE	VM	VOLT-METER
KVAR	KILOVOLT-AMPERE, REACTIVE	W	WATT OR WIRE
KW	KILOWATT	WH	WEATHER HEAD
LLF	LIGHT LOSS FACTOR	WM	WATT METER
LO	LUGS ONLY	WP	WEATHERPROOF
LOR	LOCAL-OFF-REMOTE	W/	WITH
LV	LOW VOLTAGE	XMFR	TRANSFORMER



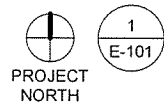
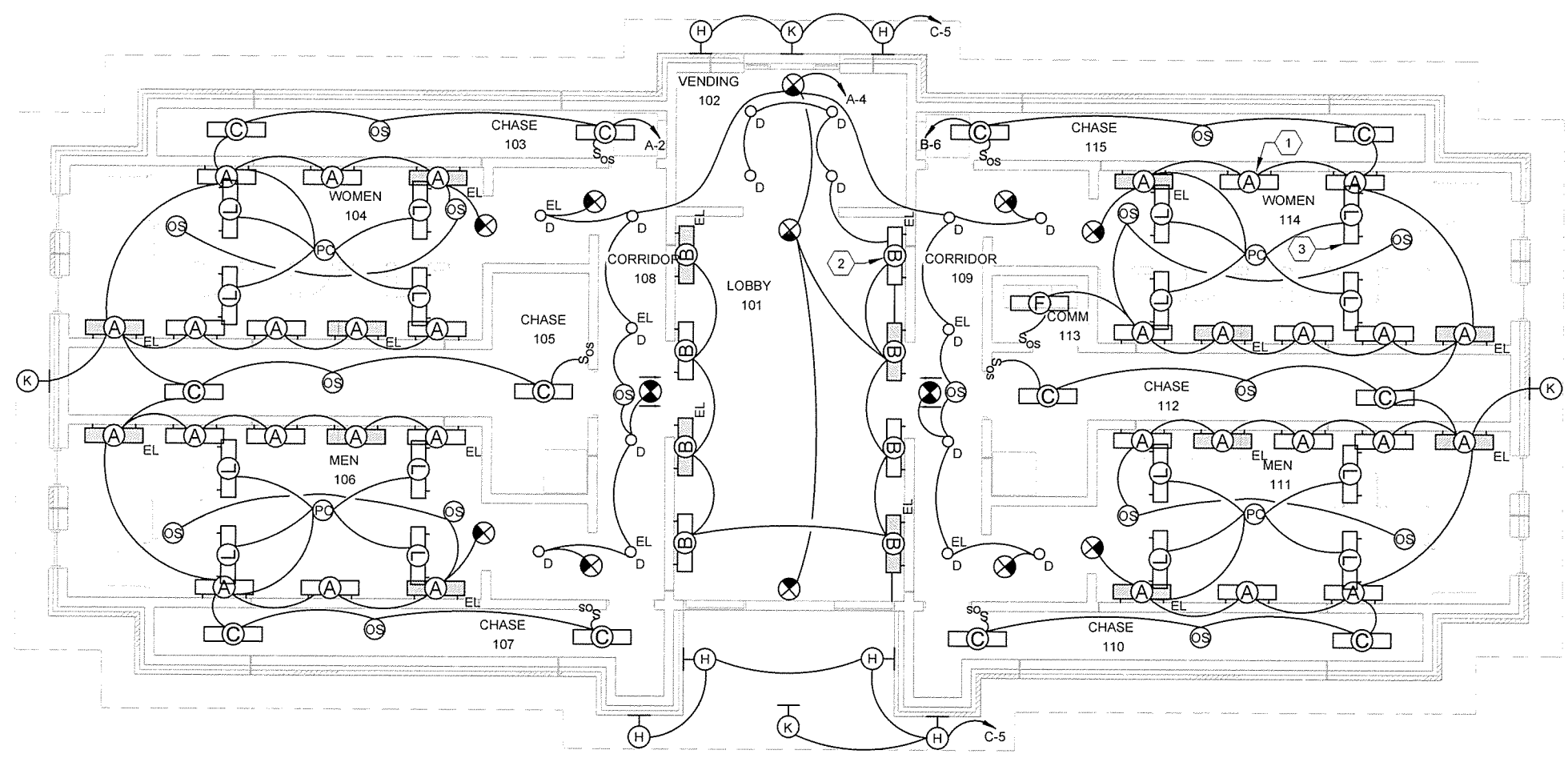
Job Number	080497	JRR	Appr.
Submitted by	John T. Williams, PE, SE Director, Field Services	10/11/15	Date
Designed by	B. MELTON	ISSUED FOR CONSTRUCTION	Description
Drawn by	H. HOOPER	IFC	Symbol
Checked by	S. FEZOR		
Plot Date	9/29/15		
Plot Scale	1:1		
Job Code			
File Name	ANSBP-E-001.DWG		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT	ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)	JOB 080497
LEGEND & ABBREVIATIONS	

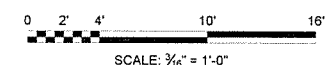
Sheet Reference Number:	E-001
Sheet	97 of 105

KEYED NOTES

- 1 REFER TO A-303 FOR MOUNTING HEIGHT AND EXACT LOCATION. TYPICAL FOR TYPE A FIXTURES.
- 2 REFER TO A-302 FOR MOUNTING HEIGHT AND EXACT LOCATION. TYPICAL FOR TYPE B FIXTURES.
- 3 REFER TO A-308 FOR MOUNTING HEIGHT AND EXACT LOCATION. TYPICAL FOR TYPE L FIXTURES.



1 LIGHTING PLAN - TOURIST INFORMATION CENTER
SCALE: 3/16" = 1'-0"



JRR	Appr.
10/11/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Job Number	080487	N/A	N/A	N/A
Submitted by	John T. Watkins, III, P.E., SE Director, Federal Services	Prior Scale	1:1	Drug Code
Drawn by	H. HOOVER	Prior Date	8/29/15	File Name
Checked by	S. FEEZOR	Drug Code		ARI5P-E-101.DWG
Designed by	B. MELTON			

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080487
TOURIST INFORMATION CENTER
LIGHTING PLAN

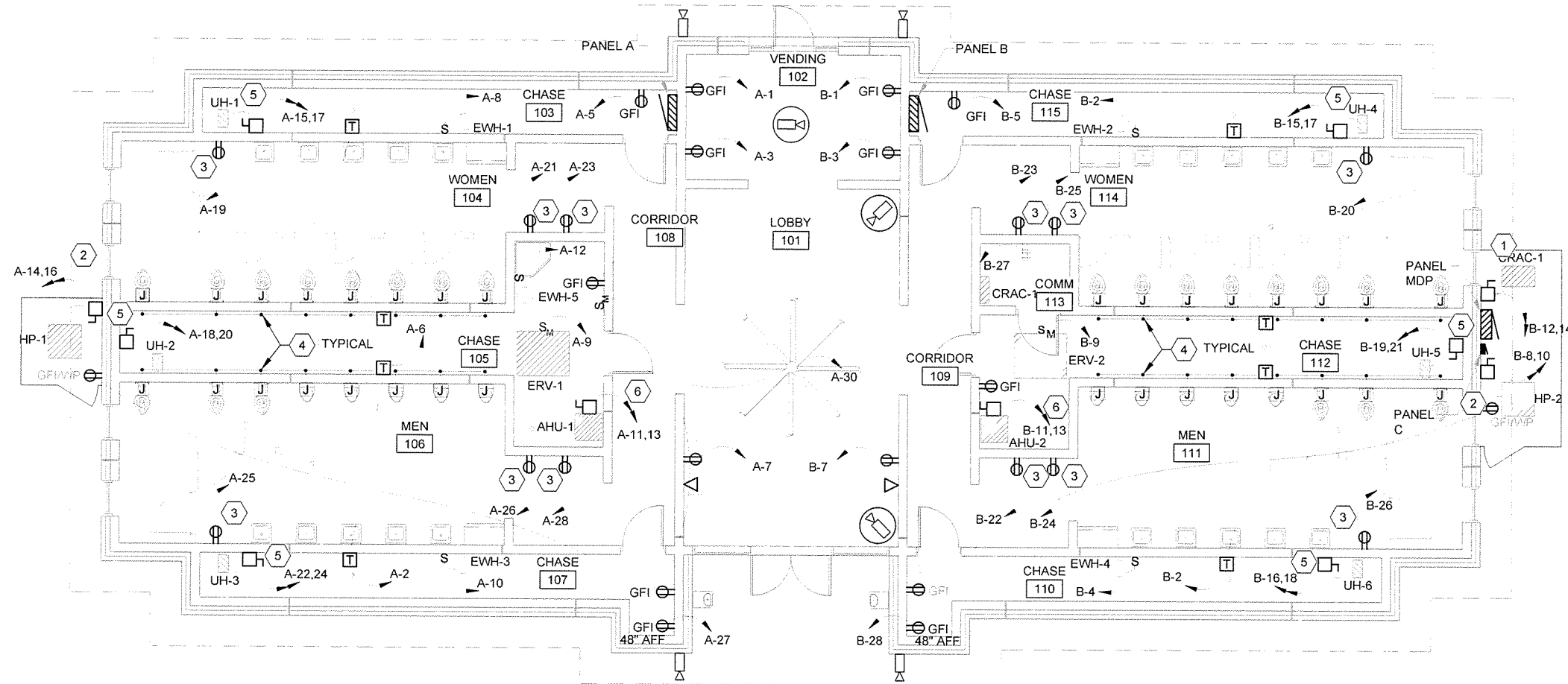
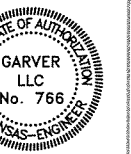
Sheet Reference Number:
E-101
Sheet 98 of 105

KEYED NOTES

- 1 NFDS, 30A, 2 POLE, NEMA 3R
- 2 NFDS, 60A, 2 POLE, NEMA 3R
- 3 HAND DRYER
- 4 REFER TO DETAILS 5/P-501 AND 9/P-501 FOR EXACT LOCATION OF BACK BOX FOR SENSORS. FEILD COORDINATE WITH ALL TRADES.
- 5 NFDS 30A, 2POLE, NEMA 1
- 6 NFDS 60A, 2 POLE, NEMA 1



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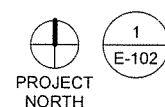


JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IFC	Symbol

Job Number 080497	N/A	N/A	N/A
Submitted by John T. Walkers, III, P.E., SE Director, Federal Services	Plot Scale 1:1	Draw Code	File Name A118BP-E-102.DWG
Designed by B. MELTON	Drawn by H. HOOVER	Checked by S. FEEZOR	
Plot Date 9/29/15			

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

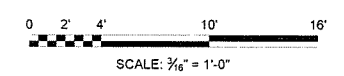
TOURIST INFORMATION CENTER
POWER & SYSTEMS PLAN



1
E-102

POWER & SYSTEMS PLAN - TOURIST INFORMATION CENTER

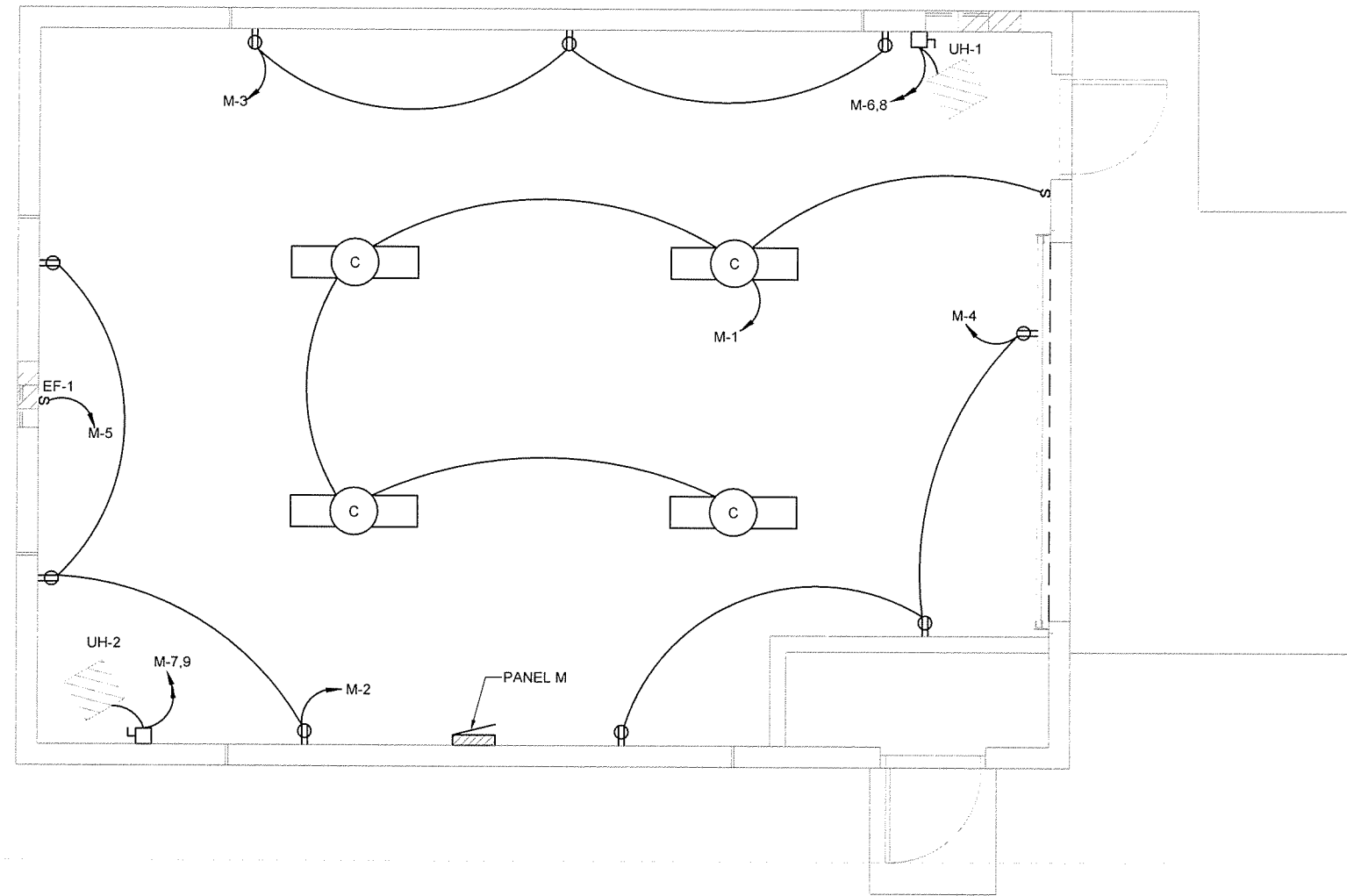
SCALE: 3/16" = 1'-0"



Sheet Reference Number:
E-102
Sheet 99 of 105

KEYED NOTES

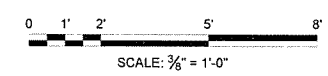
1 NFDS, 60A, 2 POLE, NEMA 1



1
E-121

ELECTRICAL PLAN - MAINTENANCE BUILDING

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



JRR
Appr.
10/1/15
Date

ISSUED FOR CONSTRUCTION
Description
IFC
Symbol

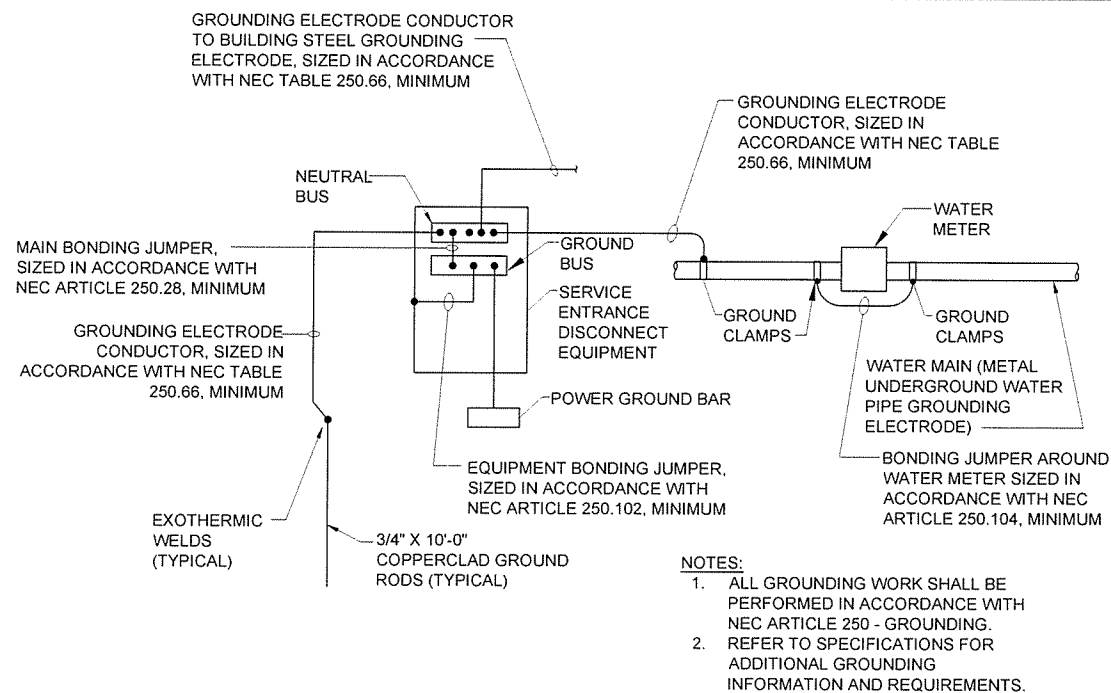
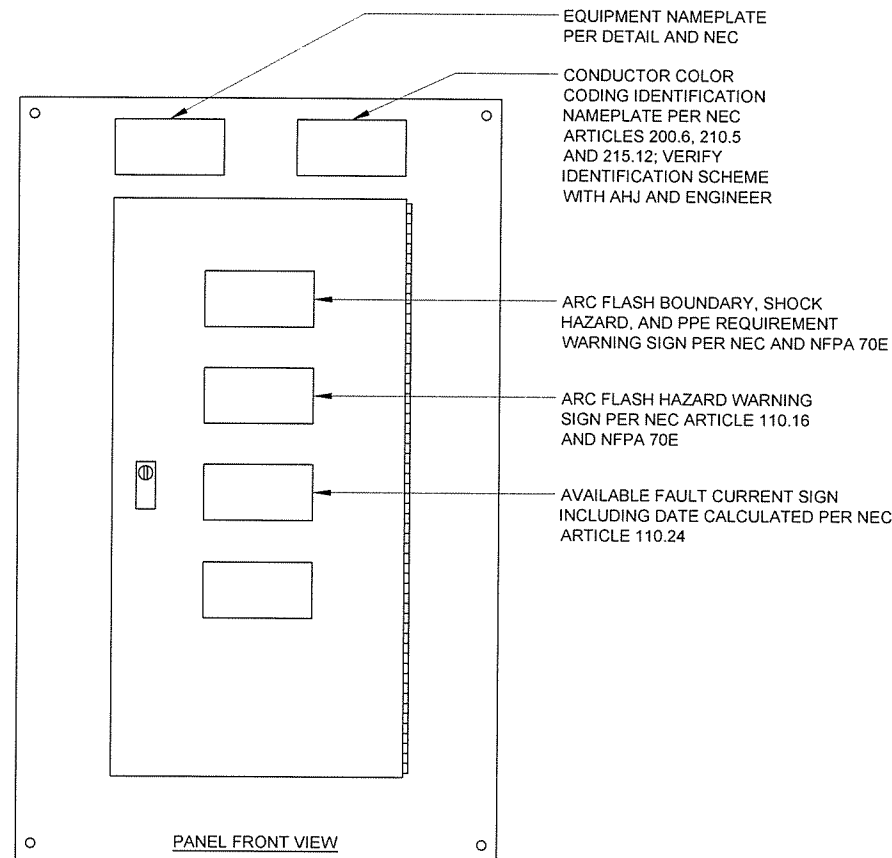
Job Number 080497	Submitted by John T. Walms, III, PE, SE Director, Federal Services	Plot Scale 1:1	Job Number N/A
Designed by B. MELTON	Plot Date 9/28/15	Draw Code N/A	Job Number N/A
Drawn by H. HOOVER	Checked by S. FEZOR	File Name Art15BP-E-121.DWG	Job Number N/A

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
MAINTENANCE BUILDING
ELECTRICAL PLAN

Sheet Reference Number:

E-121

Sheet 100 of 105

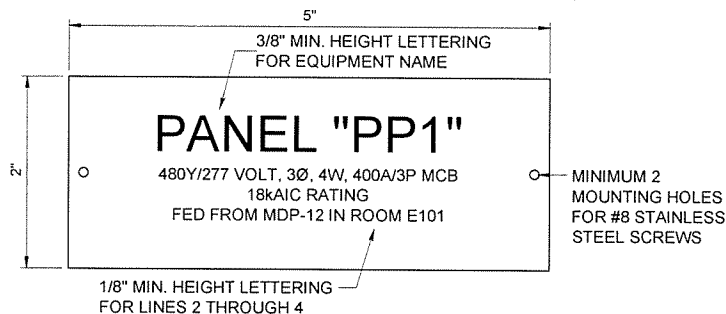


- NOTES:**
1. ALL GROUNDING WORK SHALL BE PERFORMED IN ACCORDANCE WITH NEC ARTICLE 250 - GROUNDING.
 2. REFER TO SPECIFICATIONS FOR ADDITIONAL GROUNDING INFORMATION AND REQUIREMENTS.

2
E-501 **GROUNDING SYSTEM CONNECTIONS DETAIL**
SCALE: NONE

GENERAL NOTE:

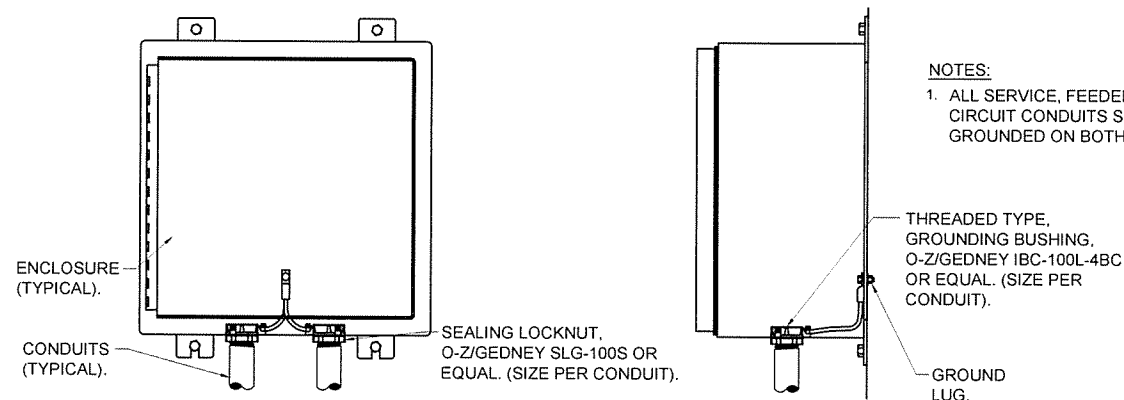
1. INSTALL ALL NAMEPLATES AND WARNING SIGNS IN ACCORDANCE WITH NEC AND NFPA 70E REQUIREMENTS.
2. INSTALL NAMEPLATES AND WARNING SIGNS ON ALL ELECTRICAL EQUIPMENT, INCLUDING BUT NOT LIMITED TO, SWITCHBOARDS, PANELBOARDS, TRANSFORMERS, SWITCHES, CONTROL PANELS AND MOTOR CONTROL CENTERS.
3. EXTERIOR EQUIPMENT SHALL HAVE WEATHER-RESISTANT, NON-FADING NAMEPLATES AND SIGNAGE.
4. INSTALL CIRCUIT DIRECTORY AND/OR CIRCUIT IDENTIFICATION FOR PROPER FIELD IDENTIFICATION.
5. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.



EQUIPMENT NAMEPLATE NOTES:

1. INSTALL 2-PLEX ACRYLIC, WHITE ON BLACK CORE, 5"x2" TILE, TEXT LINES AS INDICATED, CUSTOM ENGRAVED NAME PLATES.
2. MOUNT WITH STAINLESS STEEL SCREWS.
3. SEAL SCREW HOLES WITH SILICONE RUBBER.
4. NAMEPLATE INFORMATION SHALL INCLUDE:
 - A. IDENTIFICATION NAME.
 - B. VOLTAGE SYSTEM, AND AMPACITY RATING AND TYPE.
 - C. EQUIPMENT AIC RATING.
 - D. FEEDER SOURCE OF SUPPLY DESCRIPTION.
5. COORDINATE NAMEPLATE INFORMATION FOR EACH PIECE OF EQUIPMENT.

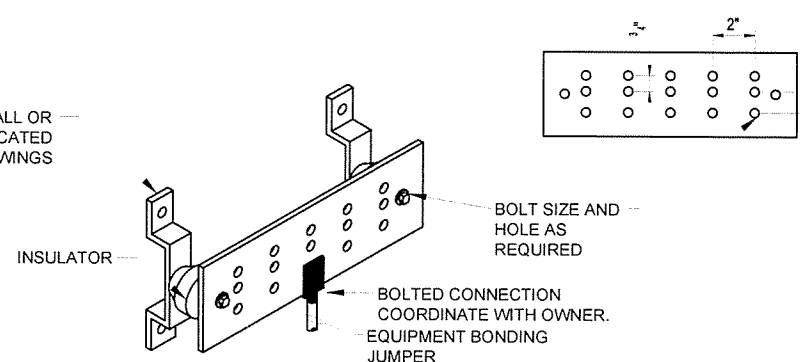
1
E-501 **TYPICAL ENGRAVED NAMEPLATE AND SIGNAGE DETAIL**
SCALE: NONE



- NOTES:**
1. ALL SERVICE, FEEDER, AND BRANCH CIRCUIT CONDUITS SHALL BE GROUNDED ON BOTH ENDS.

3
E-501 **CONDUIT GROUNDING DETAIL**
SCALE: NONE

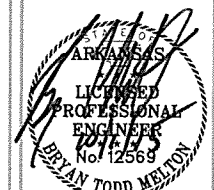
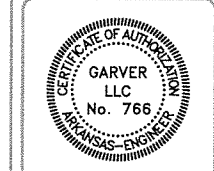
SECURE TO WALL OR BOARD AS INDICATED ON DRAWINGS



GROUNDING BAR NOTES:

1. COPPER GROUND BAR WITH WALL MOUNTING BRACKETS AND INSULATORS SPACED 24" ON CENTER MAX.
2. DIMENSIONS: 1/4" THICK, 4" HIGH, LENGTH AS INDICATED ON DRAWINGS (MINIMUM SIZE-24").
3. ALL HOLES 7/16" UON.
4. MOUNT 24" AFF.

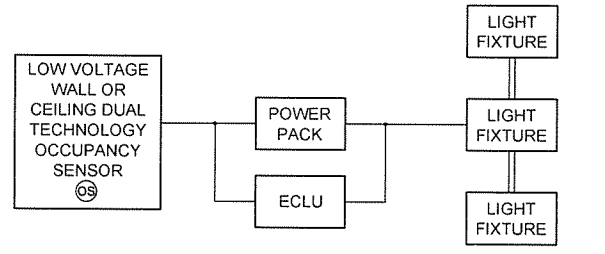
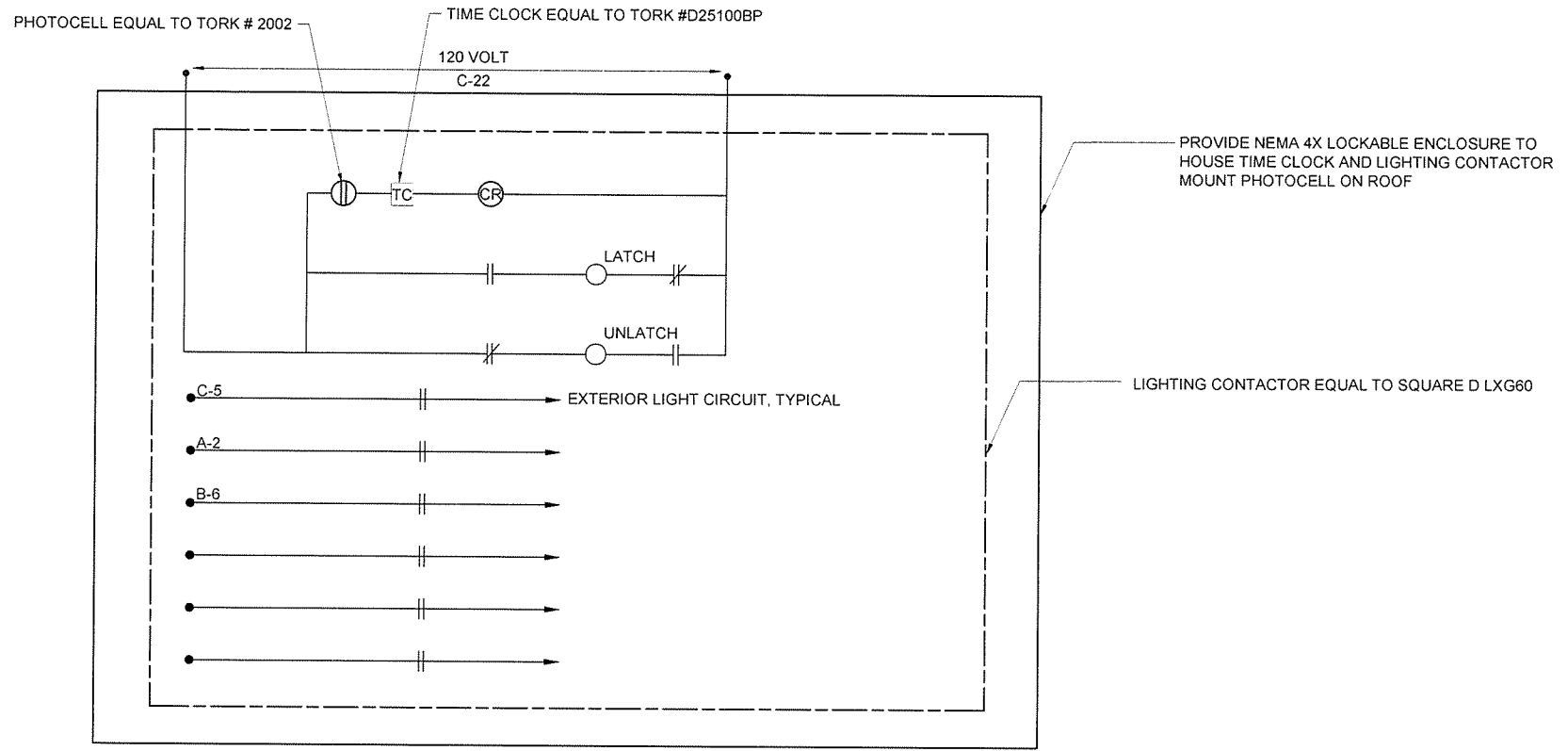
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E-501 **GROUNDING BAR DETAIL (POWER)**
SCALE: NONE



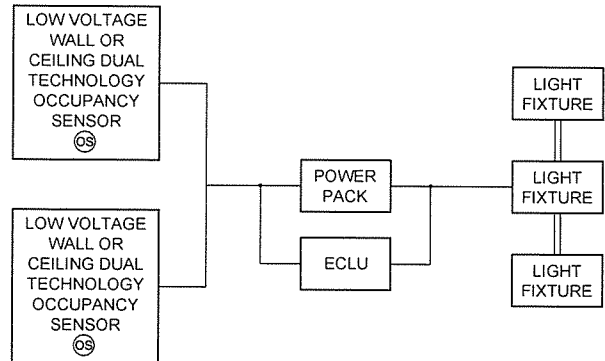
Job Number	080497	Submitted by	B. MELTON Director, Field Services	Plot Date	9/29/15	Plot Scale	1:1	Job Number	080497	Submitted by	B. MELTON Director, Field Services	Plot Date	9/29/15	Plot Scale	1:1
Job Number	N/A	Submitted by	N/A	Plot Date	N/A	Plot Scale	N/A	Job Number	N/A	Submitted by	N/A	Plot Date	N/A	Plot Scale	N/A
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Job Number	080497	Submitted by	B. MELTON Director, Field Services	Plot Date	9/29/15	Plot Scale	1:1	Job Number	080497	Submitted by	B. MELTON Director, Field Services	Plot Date	9/29/15	Plot Scale	1:1
Job Number	N/A	Submitted by	N/A	Plot Date	N/A	Plot Scale	N/A	Job Number	N/A	Submitted by	N/A	Plot Date	N/A	Plot Scale	N/A
Job Number	N/A	Submitted by	N/A	Plot Date	N/A	Plot Scale	N/A	Job Number	N/A	Submitted by	N/A	Plot Date	N/A	Plot Scale	N/A

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
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(BIG PINEY) (S)
JOB 080497
DETAILS 1



ONE SENSOR CONTROLLING ONE CIRCUIT



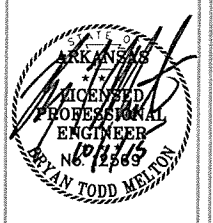
MULTIPLE SENSORS CONTROLLING ONE CIRCUIT

SENSOR DIAGRAM NOTES:

1. REFER TO LIGHTING PLANS FOR LIGHTING CONTROL AND EQUIPMENT QUANTITY REQUIREMENTS.
2. REFER TO EQUIPMENT MANUFACTURER WIRING DIAGRAMS AND PRODUCT DATA SHEETS FOR ADDITIONAL REQUIREMENTS.
3. EMERGENCY LIGHTING CONTROL UNIT (WATTSTOPPER ECLU-200 OR APPROVED EQUAL) FOR FIXTURES IN PATH OF EGRESS ONLY.
4. MANUAL TOGGLE SWITCH ADJACENT TO WALL SWITCH PROVIDES OVERRIDE LIGHTING SHUTOFF. PROVIDE TWO 3-WAY SWITCHES WHERE TWO SHUT OFF LOCATIONS ARE REQUIRED.
5. POWER PACKS NOT SHOWN ON LIGHTING PLANS FOR CIRCUITING CLARITY.

— LOW VOLTAGE AS RECOMMENDED BY MANUFACTURER.

== LINE VOLTAGE AS SHOWN ON LIGHTING DRAWINGS.

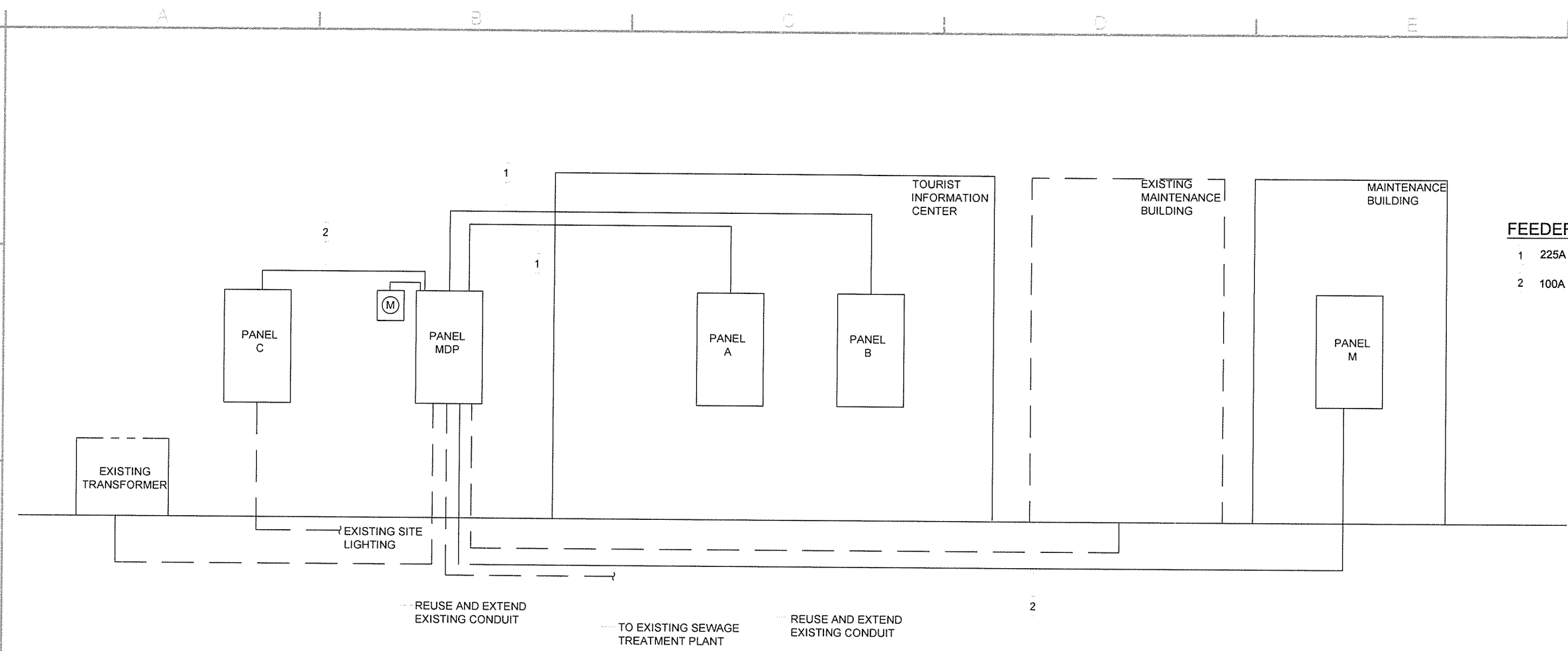


JRR	Appr.
10/1/15	Date
ISSUED FOR CONSTRUCTION	Description
IPC	Symbol

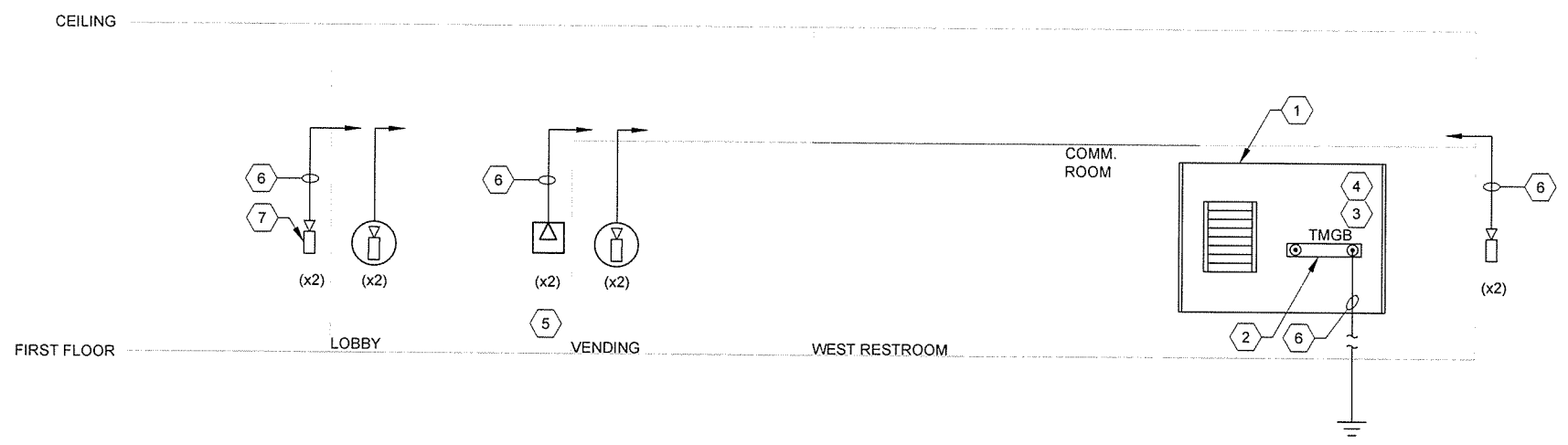
Job Number 080497	Submitted by John T. Hoover Director, Federal Services	Plot Scale 1:1	Job Number 080497
Designed by B. MELTON	Plot Date 9/29/15	Drug Code	File Name AHT5BP-E-502.DWG
Drawn by H. HOOVER	Checked by S. FEZCOR		

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

DETAILS II



1 BIG PINEY POWER RISER DIAGRAM
 E-601 SCALE: NONE



- TELECOMMUNICATIONS RISER KEYED NOTES:**
- 1 WALL MOUNTED TELECOMMUNICATION CABINET.
 - 2 TELECOMMUNICATION TYPE GROUND BUS, COPPER, 1/4" X 4" X 24", PREDRILLED, MTD ON ISOLATORS.
 - 3 PROVIDE 48-PORT, 8-PIN MODULE PATCH PANELS WITH 4-PAIR UTP PATCH CORDS FOR TERMINATION OF ALL CABLES, MAKE ALL FINAL CONNECTIONS. SEE SPECIFICATIONS FOR ADDITIONAL TELECOMMUNICATION DETAILS.
 - 4 TELEPHONE MOUNTING BOARD USING 3/4" x 4' x 8' PLYWOOD SECTIONS, FIRE TREATED PLYWOOD ON WALLS INDICATED FROM FLOOR TO 8'-0" AFF FOR MOUNTING OF EQUIPMENT.
 - 5 CATEGORY 6 DATA OUTLET WITH ONE JACK AND ONE DEDICATED CATEGORY 6 4-PAIR #24 AWG UTP CABLE HOMERUN IN CABLE TRAY, TERMINATE ALL CABLES AT PATCH PANELS (TYPICAL).
 - 6 1"C ROUTED TO CABINET.
 - 7 OUTLET BOX.

2 TOURIST INFORMATION CENTER SYSTEM RISER DIAGRAM
 E-601 SCALE: NONE

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER CATALOG NUMBER	NO.	LAMPS		TYPE	VOLTAGE	MOUNTING	REMARKS
				WATTS					
A	ARCHITECTURAL WALL MOUNT	TERON LIGHTING BSCN48232E-120E-PRF-SM-W2L	2	32		F32 T8	120	WALL	3 5
B	ARCHITECTURAL WALL MOUNT	LINEAR LIGHTING C313P-B-3-ET5HO-120-NS/MBL-VMT-AP-EM-PSB10-4	3	28		F28 T5	120	WALL	3 5
C	1'X4' STANDARD INDUSTRIAL	HE WILLIAMS 80-4- 4 32-EB2-120	2	32		F32 T8	120	SURFACE	3
D	7.5" ROUND DOWNLIGHT	HE WILLIAMS PHSD75-2 26Q - CPL-TP-EB2-120	2	26		F26	120	RECESSED	3 5
F	LOW-PROFILE WRAP	HE WILLIAMS 18-4-2 32-A-EB2-120	2	32		F32 T8	120	SURFACE	3
G	FULLY ENCLOSED INDUSTRIAL	HE WILLIAMS 95-4-1 32-HIAFR-WET/2-TP/SS LATCH-120	1	32		F32 T8	120	SURFACE	2 3 5
H	WALL MOUNTED LED	US ARCHITECTURAL CBR5/12LED NW/RAL-7004/CFC	1	14		LED	120	WALL	2
K	ARCHITECTURAL WALL PACK	HE WILLIAMS VVP V-LED32/740-T4-GRAY-EM/BSL722LT-PC-120	1	45		LED	120	WALL	2
L	ARCHITECTURAL WALL PACK	LUMENPULSE LCNRO - 120 - 48 - 40K - CL - WH - NO	1	12		LED	120	WALL	2
SA	SITE LIGHT	SELUX SACL-R5-1-LG3500-40-14-SV-240	1	51		LED	120	POLE	2
SB	SITE LIGHT	GE LIGHTING ERS2-1-E3-D1-5-40-1-GRAY	1	99		LED	120	POLE	2
X	EXIT SIGN	HE WILLIAMS EXIT-R-EM-WHT-SDT	1	4		LED	UNV	SURFACE	1 2 4

GENERAL NOTES:

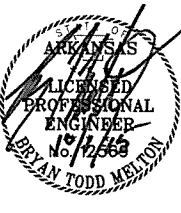
- COORDINATE THE INSTALLATION OF ELECTRICAL EQUIPMENT WITH THE ARCHITECT'S REFLECTED CEILING PLANS, MECHANICAL HVAC PLANS, AND FIRE PROTECTION PLANS.
- SEE SPECIFICATIONS FOR ADDITIONAL FIXTURE AND LAMP REQUIREMENTS.
- MAINTAIN INTEGRITY OF ALL FIRE RATED WALLS DUE TO CONDUIT WALL PENETRATIONS.
- LAMP COLOR TEMPERATURE SHALL BE 3500K

KEYED NOTES:

- PROVIDE FIXTURE WITH UNIVERSAL MOUNTING HARDWARE. INSTALL FIXTURE FOR WALL OR CEILING MOUNTING. PROVIDE FIXTURE WITH SINGLE OR DOUBLE FACE AS INDICATED. PROVIDE ARROWS IF AND AS SHOWN.
- PROVIDE FIXTURE LISTED AND LABELED FOR WET LOCATION.
- PROVIDE FIXTURE WITH LATEST, < 10% THD ELECTRONIC BALLAST.
- PROVIDE FIXTURE WITH SELF DIAGNOSTICS.
- PROVIDE FIXTURE WITH INTEGRAL FLUORESCENT LAMP EMERGENCY BATTERY UNIT, 1400 LUMENS OUTPUT, 90 MINUTE EMERGENCY OPERATION WHERE INDICATED ON PLANS.

Panel MDP		120 Volts L-N 10.3W 240 Volts L-L 10,000 AIC		800A MAIN CIRCUIT BREAKER COPPER BUS EQUIP. GROUNDING BAR		TYPE: I LINE HCM NEMA 3R ENCLOSURE SURFACE MOUNTED				
Service	Ckt. No.	Conn. Load	Brkr.	Wire Size	Phase A(B)	Wire Size	Brkr.	Conn. Load	Ckt. No.	Service
PANEL A	1	30208	225/2	4/0	3	100/2	1174	2		PANEL C
	3	28530		4/0	3		1000	4		
PANEL B	5	31664	225/2	4/0	3	100/2	10896	6		PANEL M
	7	26320		4/0	3		11080	8		
EXISTING MAINTENANCE BLDG	9	3000	50/2	EX					10	LIFT STATION
	11	3000		EX					12	
SPARE	13		20/1			20/1			14	SPARE
SPARE	15		20/1			20/1			16	SPARE
SPARE	17		20/1			20/1			18	SPARE
SPARE	19		20/1			20/1			20	SPARE
		A0	Totals				BØ			
		122 722	VA	146 872		24 150				
		1022.7	AMPS	611.97		201.3				

Panel M		120 Volts L-N 10.3W 240 Volts L-L Max No. Of Circuits: 10,000 AIC 42		100A MAIN CIRCUIT BREAKER COPPER BUS EQUIP. GROUNDING BAR		TYPE: NQOD NEMA 1 ENCLOSURE SURFACE MOUNTED				
Service	Ckt. No.	Conn. Load	Brkr.	Wire Size	Phase A(B)	Wire Size	Brkr.	Conn. Load	Ckt. No.	Service
LIGHTING	1	256	20/1	12		12	20/1	540	2	RECEPTACLES
RECEPTACLES	3	540	20/1	12		12	20/1	540	4	RECEPTACLES
EF-1	5	100	20/1	12		6	60/2	5000	6	UH-1
UH-2	7	5000	60/2	6		6		5000	8	
	9	5000		6			20/1		10	SPARE
SPARE	11		20/1				20/1		12	SPARE
SPARE	13		20/1				20/1		14	SPARE
SPARE	15		20/1				20/1		16	SPARE
SPARE	17		20/1				20/1		18	SPARE
SPARE	19		20/1				20/1		20	SPARE
SPARE	21		20/1				20/1		22	SPARE
SPARE	23		20/1				20/1		24	SPARE
SPARE	25		20/1				20/1		26	SPARE
SPARE	27		20/1				50/2		28	SPD
SPARE	29		20/1						30	
		A0	Totals				BØ			
		10 896	VA	21 976		11 080				
		90.8	AMPS	91.57		92.3				



JRR
Appr.
10/1/15
Date

ISSUED FOR CONSTRUCTION
Description

IPC
Symbol

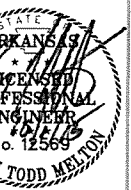
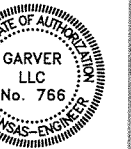
Job Number 080497	N/A	N/A	N/A
Submitted by John T. Watkins, III, P.E. Director, Federal Services	Plot Scale 1:1	Divg Code	File Name AHTSP-E-602.DWG
Designed by B. MELTON	Drawn by H. HOOVER	Checked by S. FEZDOR	

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497

SCHEDULES I



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Panel A		120 Volts L-N 1Ø, 3W 240 Volts L-L Max No. Of Circuits: 25,000 AIC 42				225 MAIN LUGS ONLY COPPER BUS EQUIP. GROUNDING BAR				TYPE: NQOD NEMA 1 ENCLOSURE SURFACE MOUNTED		
Service	Ckt. No.	Conn. Load	Brkr.	Wire Size	Phase AØ BØ	Wire Size	Brkr.	Conn. Load	Ckt. No.	Service		
RECEPTACLES VENDING 102	1	180	20/1	12		12	20/1	1512	2	LIGHTING WEST		
RECEPTACLES VENDING 102	3	180	20/1	12		12	20/1	1636	4	LIGHTING CENTER		
RECEPTACLES CORRIDOR 108	5	720	20/1	12		12	20/1	400	6	RESTROOM SENSORS		
RECEPTACLES LOBBY/MECH 101	7	180	20/1	12		12	20/1	1650	8	EWH-1		
ERV-1	9	2640	25/1	10		12	20/1	1650	10	EWH-3		
AHU-1	11	6360		6		12	20/1	1650	12	EWH-5		
	13	6360	60/2	6		8		2760	14	HP-1		
	15	2500		10		8	40/2	2760	16			
UH-1	17	2500	30/2	10		10		2500	18	UH-2		
HAND DRYER RECEPTACLE	19	2022	25/1	10		10	30/2	2500	20			
HAND DRYER RECEPTACLE	21	2022	25/1	10		10		2500	22	UH-3		
HAND DRYER RECEPTACLE	23	2022	25/1	10		10	30/2	2500	24			
HAND DRYER RECEPTACLE	25	2022	25/1	10		10	25/1	2022	26	HAND DRYER RECEPTACLE		
EWC	27	500	20/1	12		10	25/1	2022	28	HAND DRYER RECEPTACLE		
SPARE	29		20/1			12	20/1	468	30	HVLS FAN		
SPARE	31		20/1				20/1		32	SPARE		
SPARE	33		20/1				20/1		34	SPARE		
SPARE	35		20/1				20/1		36	SPARE		
SPARE	37		20/1				20/1		38	SPARE		
SPARE	39		20/1				20/1		40	SPARE		
SPARE	41		20/1				20/1		42	SPARE		
		AØ	Totals				BØ					
		30 208	VA	58 738				28 530				
		251.7	AMPS	244.74				237.8				

Panel B		120 Volts L-N 1Ø, 3W 240 Volts L-L Max No. Of Circuits: 25,000 AIC 42				225A MAIN LUGS ONLY COPPER BUS EQUIP. GROUNDING BAR				TYPE: NQOD NEMA 1 ENCLOSURE SURFACE MOUNTED		
Service	Ckt. No.	Conn. Load	Brkr.	Wire Size	Phase AØ BØ	Wire Size	Brkr.	Conn. Load	Ckt. No.	Service		
RECEPTACLES VENDING 102	1	180	20/1	12		12	20/1	1650	2	EWH-2		
RECEPTACLES VENDING 102	3	180	20/1	12		12	20/1	1650	4	EWH-4		
RECEPTACLES CORRIDOR 109	5	720	20/1	12		12	20/1	1512	6	LIGHTING EAST		
RECEPTACLES LOBBY/MECH 101	7	180	20/1	12		8		2760	8			
ERV-2	9	2640	25/1	10		8	40/2	2760	10	HP-2		
AHU-2	11	6360		6		12	15/2	1200	12			
	13	6360	60/2	6		12		1200	14	CRAC-1		
UH-4	15	2500		10		10	30/2	2500	16			
	17	2500	30/2	10		10		2500	18	UH-6		
UH-5	19	2500		10		10	25/1	2022	20	HAND DRYER RECEPTACLE		
	21	2500	30/2	10		10	25/1	2022	22	HAND DRYER RECEPTACLE		
HAND DRYER RECEPTACLE	23	2022	25/1	10		10	25/1	2022	24	HAND DRYER RECEPTACLE		
HAND DRYER RECEPTACLE	25	2022	25/1	10		10	25/1	2022	26	HAND DRYER RECEPTACLE		
TTB	27	1000	20/1	12		12	20/1	500	28	EWC		
SPARE	29		20/1				20/1		30	SPARE		
SPARE	31		20/1				20/1		32	SPARE		
SPARE	33		20/1				20/1		34	SPARE		
SPARE	35		20/1				20/1		36	SPARE		
SPARE	37		20/1				20/1		38	SPARE		
SPARE	39		20/1				20/1		40	SPARE		
SPARE	41		20/1				20/1		42	SPARE		
		AØ	Totals				BØ					
		31 664	VA	57 984				26 320				
		263.9	AMPS	241.60				219.3				

Panel C		120 Volts L-N 1Ø, 3W 240 Volts L-L Max No. Of Circuits: 10,000 AIC 12				100A MAIN LUGS ONLY COPPER BUS EQUIP. GROUNDING BAR				TYPE: QO LOAD CENTER NEMA 3R ENCLOSURE SURFACE MOUNTED		
Service	Ckt. No.	Conn. Load	Brkr.	Wire Size	Phase AØ BØ	Wire Size	Brkr.	Conn. Load	Ckt. No.	Service		
SB FIXTURES	1	500	20/2	12		12		500	2	SA FIXTURES		
	3	500		12		12	20/2	500	4			
TIC LIGHTING	5	174	20/1	12		12	20/1		6	SPARE		
SPARE	7		20/1	12		12	20/1		8	SPARE		
SPARE	9		20/1	12		12	20/1		10	SPARE		
SPARE	11		20/1	12		12	20/1		12	SPARE		
		AØ	Totals				BØ					
		1 174	VA	2 174				1 000				
		9.8	AMPS	9.06				8.3				

JRR
Date 10/1/15

ISSUED FOR CONSTRUCTION
Description

IFC Symbol

Job Number: 080497
Submitted by: John T. Volians, III, PE, SE Director, Federal Services
Drawn by: H. HOOVER
Checked by: S. FEEZOR
Plot Date: 9/29/15
Plot Scale: 1:1
Dwg Code: N/A
File Name: AH15BP-E-003.DWG

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT
ARKANSAS TOURIST INFORMATION CENTER
(BIG PINEY) (S)
JOB 080497
SCHEDULES II

Sheet Reference Number:
E-603
Sheet 105 of 105