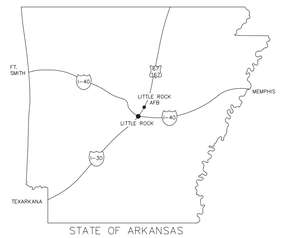
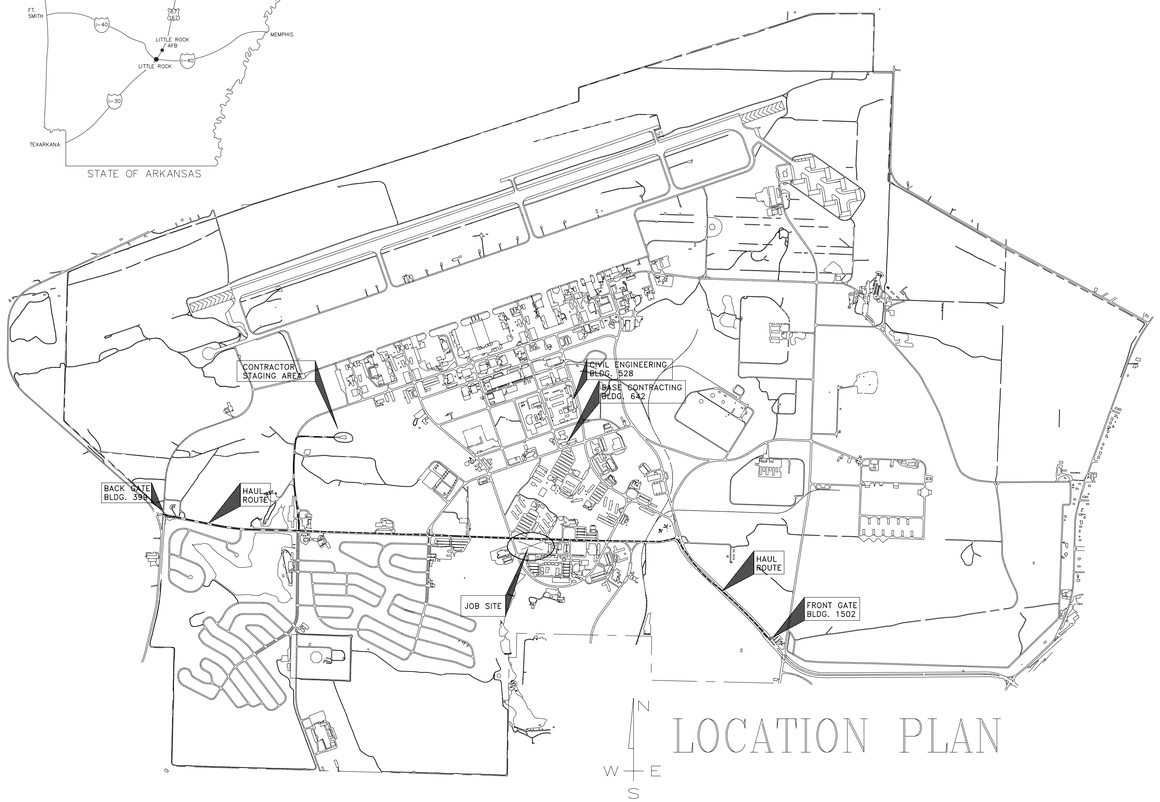
LITTLE ROCK AIR FORCE BASE, ARKANSAS



STATE OF ARKANSAS



LOCATION PLAN

AS-BUILTS

ARCHITECTURAL ABBREVIATIONS

A.F.F.	ABOVE FINISH FLOOR(U.N.O.)
ALUM.	ALUMINUM
BD.	BOARD
B.E.J.	BRICK EXPANSION JOINT
BFF	BELOW FINISHED FLOOR
BLDG.	BUILDING
BLKG	BLOCKING
BOT. BR'NG.	BOTTOM BEARING
BRG	BEARING
B.O.	BOTTOM OF
C.O.	CLEANOUT
CHEM.	CHEMICAL
CLAD.	CLADDING
CONC.	CONCRETE
C.J.	CONTROL JOINT
CONT.	CONTINUOUS
CONST.	CONSTRUCTION
C.M.U.	CONCRETE MASONRY UNIT
DBL.	DOUBLE
DIA.	DIAMETER
EL., ELEV.	ELEVATION
E.J.	EXPANSION JOINT
EA.	EACH
EXIST.	EXISTING
EXT.	EXTERIOR
FEC	FIRE EXTINGUISHER CABINET
FIN.	FINISH
F.T.	FIRE TREATED/RETARDANT
FTG.	FOOTING
GA.	GAUGE
GYP.	GYPSUM
GALV.	GALVANIZED
GRD.,GR.	GRADE
GWB	GYPSUM WALLBOARD
HORIZ.	HORIZONTAL
H.M.	HOLLOW METAL
INST.	INSTALLATION
INSUL.	INSULATION, INSULATE
JST.	JOIST
L.L.V.	LONG LEG VERTICAL
MANUF.	MANUFACTURER
MAX.	MAXIMUM
MIN.	MINIMUM
M.R.	MOISTURE RESISTANT
MTL.	METAL
N.T.S.	NOT TO SCALE
N.I.C.	NOT IN CONTRACT
O.C.	ON CENTER
PER.	PERIMETER
P.S.I.	POUNDS PER SQUARE INCH
PLYWD.	PLYWOOD
PREFIN.	PRE FINISHED
RCP.	REINFORCED CONCRETE PIPE
RE:	REFERENCE, REFER TO
REQ'D	REQUIRED
REINF.	REINFORCEMENT
SIM.	SIMILAR
SHT.	SHEET
T&B	TOP AND BOTTOM
T.O.	TOP OF
TS	TUBE SECTION
TYP.	TYPICAL
U.G.	UNDERGROUND
U.N.O.	UNLESS NOTED OTHERWISE
VERT.	VERTICAL
VWC	VINYL WALL COVERING
W/	WITH
@	AT THE RATE OF
DIA.	DIAMETER
#	POUND
&	AND
◁	ANGLE

INDEX OF DRAWINGS

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AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
COVER SHEET
AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: G1
SCALE: NOT TO SCALE	1 OF 108

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

NORTH

30 15 0 30 60
SCALE

No.	Revision/Issue	Date	BY	APP'D
1	Note to find Gazebo Slab Detail	2-05		

PROJECT TITLE

TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

SHEET TITLE

DIMENSIONING PLAN
AS-BUILT

DRAWN BY KRY	LEAD DESIGNER KRY
TECH REVIEWER JEE	FILE LOCATION G:\00-133\DESIGN\00133SITE.DWG
DESIGNED BY KRY	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET C1 2 OF 108
SCALE 1"=30'	

GENERAL NOTES

1. THE LOCATION OF THE EXISTING WATER AND GAS UTILITIES ARE BASED ON RECORDS FROM SAID UTILITY COMPANIES AND ARE HORIZONTALLY FIELD LOCATED ONLY. THE CONTRACTORS SHALL BE RESPONSIBLE FOR DETERMINING ACTUAL LOCATION.
2. CONTRACTOR TO UNCOVER AND MARK UTILITY LINES BEFORE CONSTRUCTION.
3. CONTRACTOR SHALL PROTECT UTILITIES & BEAR ALL RESPONSIBILITY AND COST OF REPAIR OR REPLACEMENT OF EXISTING & PROPOSED UTILITIES, DAMAGED OR INTERRUPTED AS A RESULT OF THIS CONSTRUCTION PROJECT.
4. CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE CONTRACTING OFFICER OF ANY DAMAGED OR INTERRUPTED UTILITIES IMMEDIATELY.
5. ALL SEWER LINES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE TO THE LITTLE ROCK AIR FORCE BASE STANDARDS.
6. ALL WATER LINES AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE TO THE LITTLE ROCK AIR FORCE BASE STANDARDS.
7. CONTRACTOR SHALL NOTIFY PROJECT ENGINEER PRIOR TO BEGINNING WORK.
8. ALL AREAS WITHIN THE PARKING LOT ARE TO RECEIVE A GRAVEL BASE TO PROVIDE EROSION CONTROL IF WORK IS NOT PROGRESSING IN AN ORDERLY MANNER. A RATE OF 135 TONS/ACRE IS TO BE APPLIED WITHIN TWO WEEKS OF FINAL GRADING.
9. ALL AREAS NOT WITHIN THE PARKING LOT ARE TO RECEIVE LOOSE STRAW TO PROVIDE EROSION CONTROL IF WORK IS NOT PROGRESSING IN AN ORDERLY MANNER. A RATE OF 1.5 TONS/ACRE IS TO BE APPLIED WITHIN TWO WEEKS OF FINAL GRADING.
10. AFTER NEW INLETS ARE CONSTRUCTED, STRAW BALES AND GRAVEL FILTER BERMS ARE TO BE PLACED TO ALLOW FLOW THROUGH THE BERM.
11. CONTRACTOR WILL CONTROL AND PREVENT OFF-SITE TRACKING OF CONSTRUCTION RUNOFF AND SEDIMENT TO ADJACENT PROPERTY AND PUBLIC ROADS.
12. CONTRACTOR IS TO PROTECT EXISTING STORM DRAINAGE SYSTEM.
13. ANY EXCESS CUT MATERIAL WILL BE ACCEPTED BY THE AIR BASE AT A DESIGNATED LOCATION ON THE AIR BASE BY ONE OF THE AIR BASE REPRESENTATIVES.
14. ANY ARCHEOLOGICAL OR HUMAN REMAINS FOUND MUST BE REPORTED IMMEDIATELY AND ALL WORK STOPPED UNTIL PERMISSION FROM THE PROPER AUTHORITIES HAS BEEN OBTAINED.
15. CONCRETE TRUCKS ARE NOT TO WASHED OUT ON BASE. CONCRETE TRUCKS SHOULD BE WASHED OUT AT AN OFF BASE LOCATION.
16. THE CONTRACTOR SHALL PLACE 4' HIGH ORANGE VINYL CONSTRUCTION FENCE AROUND THE DRIP LINE OF ALL EXISTING TREES TO REMAIN.

NO. 1 CONCRETE PAVING SECTION
NTS

NO. 2 ASPHALT PAVING SECTION
NTS

NO. 3 DETAIL-WHEELCHAIR RAMP
NTS

NO. 4 SECTION AT SIDEWALK
NTS

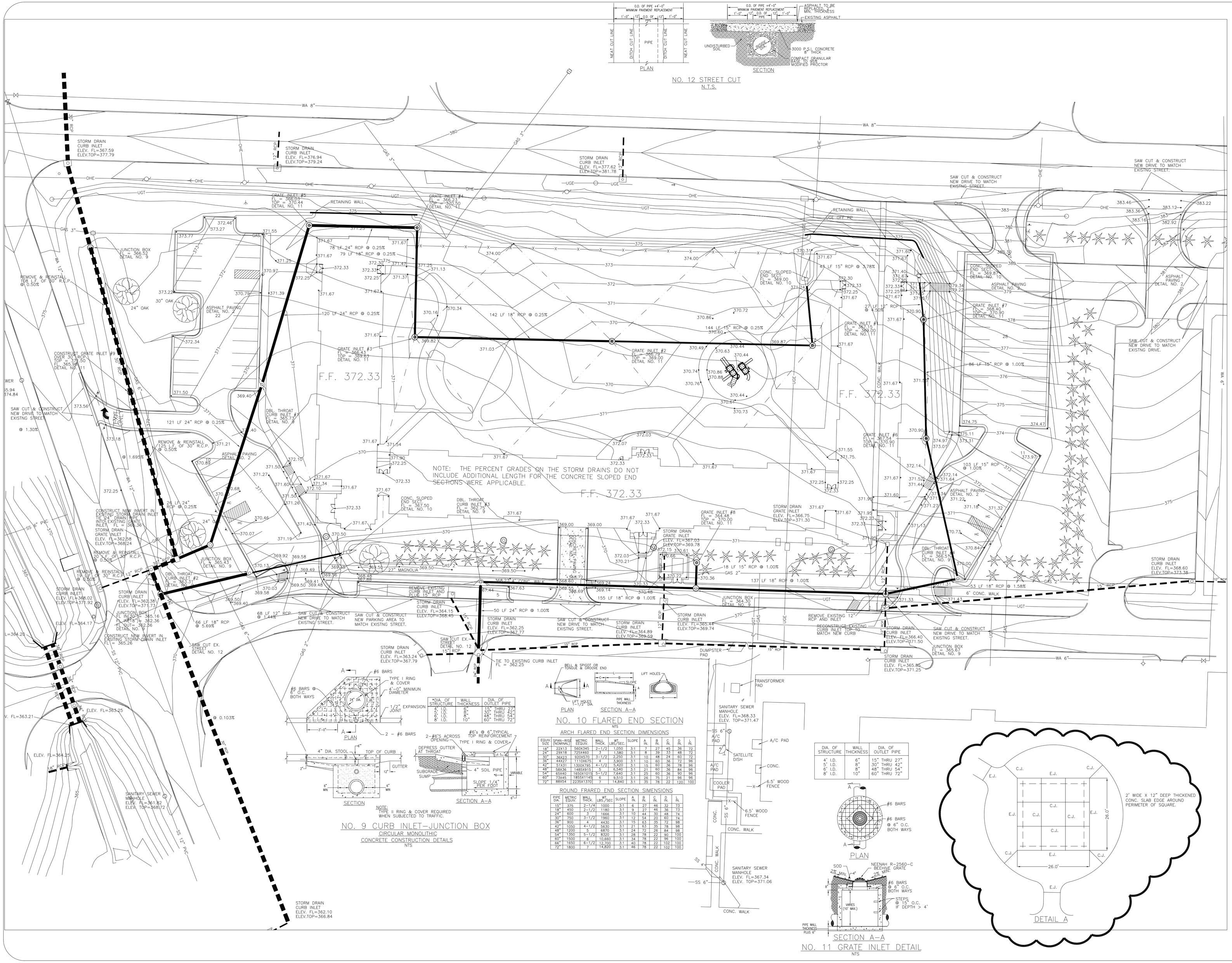
NO. 5 TYP. EXP. JT. AT WALK
NTS

NO. 6 TYP. CONTROL JT. AT WALK
NTS

NO. 7 HANDICAP SIGN
NTS

NO. 8 CONCRETE CURB CLASS 3 & 4 UPRIGHT DETAIL
NTS

NO. 8A CONCRETE PIPE BOLLARD
N.T.S



NO. 12 STREET CUT
N.T.S.

DIA. OF STRUCTURE	WALL THICKNESS	DIA. OF OUTLET PIPE
4' I.D.	6"	15" THRU 27"
5' I.D.	8"	30" THRU 42"
6' I.D.	8"	48" THRU 54"
8' I.D.	10"	60" THRU 72"

NOTE:
TYPE II RING & COVER REQUIRED WHEN SUBJECTED TO TRAFFIC.

NO. 9 CURB INLET-JUNCTION BOX
CIRCULAR MONOLITHIC
CONCRETE CONSTRUCTION DETAILS
NTS

NO. 10 FLARED END SECTION
NTS

ARCH FLARED END SECTION DIMENSIONS

EQUIV SIZE	SPAN-RISE (NOMINAL)	METRIC EQUIV.	WALL THICK.	WT. LBS/SEC.	SLOPE	A IN.	B IN.	C IN.	D IN.	E IN.
18"	22X13	560X345	2-1/2	1,050	3:1	7	27	45	36	72
24"	29X18	725X460	3	1,580	3:1	8	39	53	48	72
30"	36X23	920X570	3-1/2	2,250	3:1	10	48	24	60	72
36"	44X27	1110X675	4	3,900	3:1	10	60	36	72	96
42"	51X31	1300X795	4-1/2	5,420	3:1	15	60	36	78	96
48"	58X36	1485X915	5	6,540	3:1	21	60	36	84	96
54"	65X40	1650X1015	5-1/2	7,640	3:1	25	60	36	90	96
60"	73X45	1855X1145	6	9,510	3:1	26	75	21	96	96
72"	88X54	2235X1370	7	14,840	3:1	35	78	22	120	100

ROUND FRARED END SECTION SIMENSIONS

PIPE DIA.	METRIC EQUIV.	WALL THICK.	WT LBS/SEC	SLOPE	A IN.	B IN.	C IN.	D IN.	E IN.
15"	375	2-1/4	1000	3:1	6	27	46	32	73
18"	450	2-1/2	1180	3:1	9	27	46	36	73
24"	600	3	1666	3:1	10	44	30	48	74
30"	750	3-1/2	1960	3:1	12	54	20	60	74
36"	900	4	4430	3:1	15	63	35	72	98
42"	1050	4-1/2	5630	3:1	21	63	35	78	98
48"	1200	5	6810	3:1	24	72	26	84	98
54"	1350	5-1/2	8320	3:1	28	78	22	90	100
60"	1500	6	10,660	3:1	34	78	22	96	100
66"	1650	6-1/2	12,700	3:1	40	78	22	102	100
72"	1800	7	14,820	3:1	46	78	22	102	100

NO. 11 GRATE INLET DETAIL
NTS

DIA. OF STRUCTURE	WALL THICKNESS	DIA. OF OUTLET PIPE
4' I.D.	6"	15" THRU 27"
5' I.D.	8"	30" THRU 42"
6' I.D.	8"	48" THRU 54"
8' I.D.	10"	60" THRU 72"

DETAIL A

LITTLE ROCK A.F.B.
ARKANSAS

NORTH
30 15 0 30 60
SCALE

No.	Revision/Issue	Date	BY	APP'D
1	Gazebo Slab Detail	2/05		

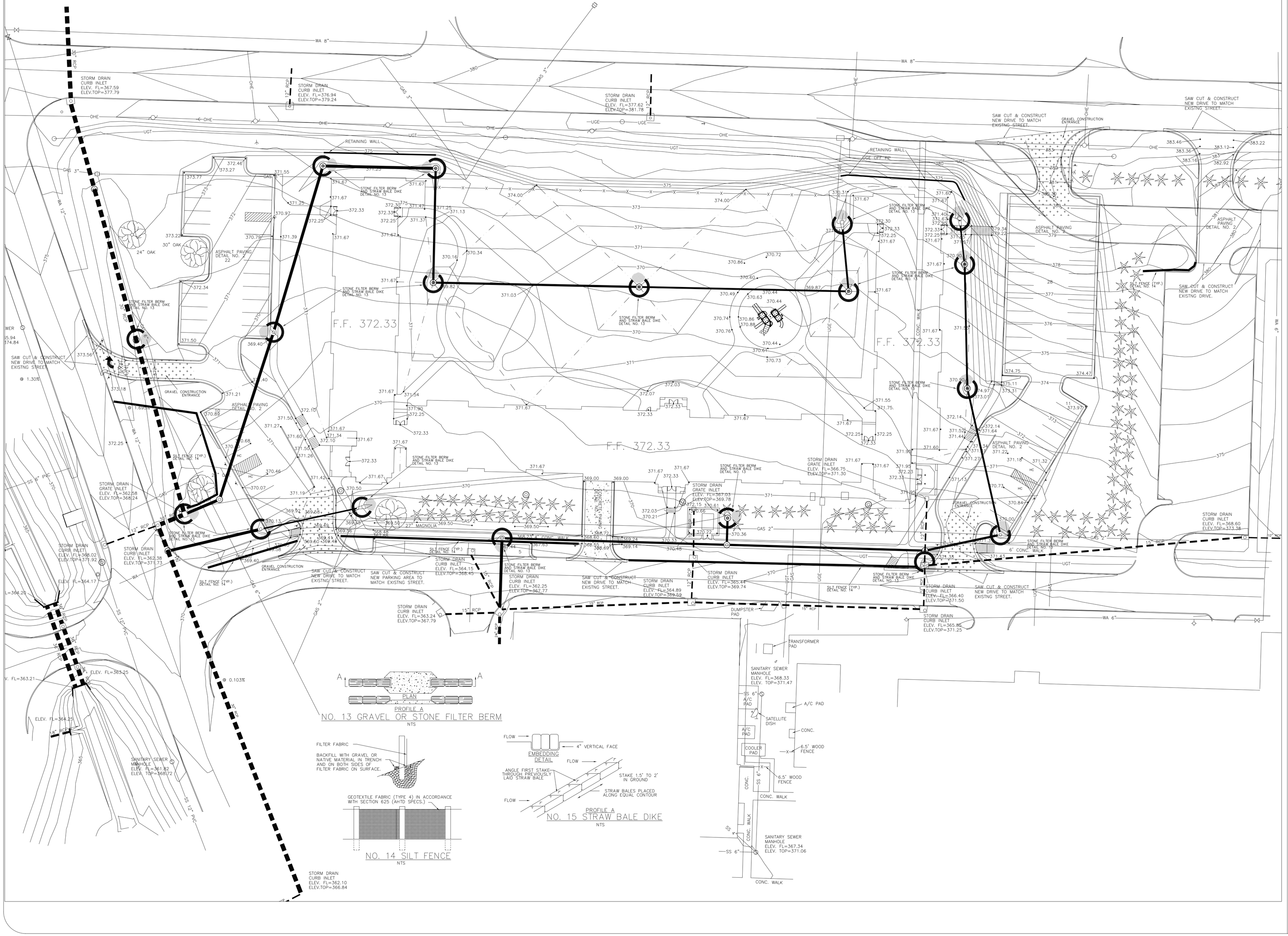
PROJECT TITLE

TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

SHEET TITLE

GRADING & DRAINAGE PLAN
AS-BUILT

DRAWN BY: KRY	LEAD DESIGNER: KRY
TECH REVIEWER: JEE	FILE LOCATION: G:\00-133\DESIGN\00133SITE.DWG
DESIGNED BY: KRY	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET C2, 3 OF 108
SCALE: 1"=30'	



PLAN

PROFILE A

NO. 13 GRAVEL OR STONE FILTER BERM

NTS

NO. 14 SILT FENCE

NTS

PROFILE A

NO. 15 STRAW BALE DIKE

NTS

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

NORTH

30 15 0 30 60

SCALE

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

SHEET TITLE

EROSION CONTROL PLAN
AS-BUILT

DRAWN BY KRY	LEAD DESIGNER KRY
TECH REVIEWER JEE	FILE LOCATION G:\00-133\DESIGN\001.33SITE.DWG
DESIGNED BY KRY	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET C3 4 OF 108
SCALE 1"=30'	

NOTE:
PIPE SURFACES SHALL BE CLEANED OF ALL FOREIGN MATERIAL BEFORE CONCRETE COLLAR IS POURED.

STEEL ANCHOR RING TO BE SHOP WELDED TO PIPE. LARGER THAN 24" USE M.J. RETAINER GLAND FOR D.I. PIPE 24" AND SMALLER.

SLIP JOINT FILLER W/SET SCREWS

4'-0" MIN

PLAN

UNDISTURBED SOIL

UNDISTURBED SOIL

"A" BARS

"B" BARS

ELEVATION

4EA. #6 BARS

ANCHOR COLLAR SCHEDULE							
PIPE SIZE	DIMENSIONS W	H	T	M	REINFORCING BARS "A" BARS	"B" BARS
6"	1'-5"	2'-0"	1'-0"	M.J. RETAINER GLAND	#6@6"	#6@6"
8"	1'-5"	2'-5"	1'-0"	M.J. RETAINER GLAND	#6@6"	#6@6"
12"	2'-0"	3'-0"	1'-5"	M.J. RETAINER GLAND	#6@6"	#6@6"
16"	2'-0"	4'-5"	1'-5"	M.J. RETAINER GLAND	#6@6"	#6@6"
20"	3'-0"	5'-0"	2'-0"	M.J. RETAINER GLAND	#6@6"	#6@6"
24"	3'-5"	5'-5"	2'-0"	M.J. RETAINER GLAND	#6@6"	#6@6"
30"	4'-5"	6'-0"	2'-5"	4"	#5@6"	#7@10"
36"	5'-0"	7'-0"	2'-5"	4"	#5@6"	#7@10"

NO. 16 ANCHOR COLLAR
DUCTILE IRON PIPE
NTS

O.D. OF PIPE +3'-0" MINIMUM PAVEMENT REPLACEMENT

1'-0" 6" O.D. OF PIPE 6" 1'-0"

NEAT CUT LINE

DITCH CUT LINE

UTILITY PIPE

DITCH CUT LINE

NEAT CUT LINE

PLAN

O.D. OF PIPE +3'-0" MINIMUM PAVEMENT REPLACEMENT

1'-0" 6" O.D. OF PIPE 6" 1'-0"

ASPHALT TO BE MIN. THICKNESS EXISTING ASPHALT

UNDISTURBED SOIL

3000 P.S.I. CONCRETE 8" THICK

COMPACT GRANULAR BASE TO 95% MODIFIED PROCTOR

SECTION

NO. 17 STREET CUT
N.T.S.

SURFACE

SELECT BACKFILL

12" MIN

COARSE SAND

6" MIN

NO. 18 PIPE BEDDING DETAIL
N.T.S.

WA 8"

FIRE HYDRANT ASSEMBLY (DETAIL NO. 20)

STORM DRAIN CURB INLET ELEV. FL=367.59 ELEV.TOP=377.79

STORM DRAIN CURB INLET ELEV. FL=376.94 ELEV.TOP=379.24

STORM DRAIN CURB INLET ELEV. FL=377.62 ELEV.TOP=381.78

RETAINING WALL

UGE OFF PP

ASPHALT PAVING DETAIL NO. 2

ASPHALT PAVING DETAIL NO. 2

24" OAK

30" OAK

ASPHALT PAVING DETAIL NO. 2

4" CONC. WALK

28

11

10

372.25

24" OAK

STORM DRAIN GRATE INLET ELEV. FL=362.58 ELEV.TOP=368.24

MH #2 STA. 1+72 ELEV. FL=364.61 IN ELEV. FL=364.51 OUT (DETAIL NO. 23)

MH #3 STA. 3+00 ELEV. FL=365.22 IN ELEV. FL=365.12 OUT (DETAIL NO. 23)

47 L.F. OF 6" SDR 21 PVC WATER LINE

47 L.F. OF 3" SDR 21 PVC WATER LINE

3" DOMESTIC WATER SERVICE

6" FIRE SERVICE, TEMPORARY BLOW OFF ASSEMBLY, & SAMPLE POINT

3" GAS SERVICE

MH #4 STA. 4+08 ELEV. FL=365.75 IN ELEV. FL=365.65 OUT (DETAIL NO. 23)

MH #5 STA. 5+36 ELEV. FL=366.36 IN ELEV. FL=366.26 OUT (DETAIL NO. 23)

6" S.S. SERVICE

6" S.S. SERVICE

STORM DRAIN GRATE INLET ELEV. FL=366.75 ELEV.TOP=371.30

STORM DRAIN GRATE INLET ELEV. FL=367.03 ELEV.TOP=369.78

TRANSFORMER PAD

HV SWITCH

POST INDICATOR VALVE

27" MAGNOLIA

IRRIGATION BACKFLOW PREVENTER

GAS 2"

GAS METER

RELOCATE EXISTING 2" GAS LINE COORDINATE W/ UTILITY

ANCHOR COLLAR (DETAIL NO. 16) BLOW OFF ASSEMBLY (DETAIL NO. 19), & SAMPLE POINT (DETAIL NO. 19)

STORM DRAIN CURB INLET ELEV. FL=365.44 ELEV.TOP=369.74

STORM DRAIN CURB INLET ELEV. FL=366.40 ELEV.TOP=371.50

STORM DRAIN CURB INLET ELEV. FL=365.85 ELEV.TOP=371.25

STORM DRAIN CURB INLET ELEV. FL=368.60 ELEV.TOP=373.38

6" CONC. WALK

4" CONC. WALK

STORM DRAIN CURB INLET ELEV. FL=368.02 ELEV.TOP=371.92

STORM DRAIN CURB INLET ELEV. FL=362.38 ELEV.TOP=371.73

BUILD MANHOLE #1 OVER EXISTING SEWER MAIN PC (12")=343.72 (VERIFY FL IN (8")=363.82 (DETAIL NO. 23)

ELEV. FL=364.17

CONTRACTOR TO LEAVE 12" SEWER MAIN INTACT THROUGH THE NEW MANHOLE UNTIL NEW MAIN HAS BEEN INSPECTED APPROVED BY LITTLE ROCK AFB

CONTRACTOR SHOULD VERIFY THE ELEVATION OF THE EXISTING 12" SEWER MAIN AT THIS POINT PRIOR TO RELAYING 30" RCP STORM DRAIN.

12"X6" TAPPING TEE & VALVE & FILL CONNECTION (DETAIL NO. 22)

L=364.20

ELEV. FL=363.25

ELEV. FL=364.25

@ 0.103%

@ 1.30%

@ 1.695%

SANITARY SEWER MANHOLE ELEV. FL=361.82 ELEV. TOP=368.72

STORM DRAIN CURB INLET ELEV. FL=362.10 ELEV.TOP=366.84

STORM DRAIN CURB INLET ELEV. FL=364.16 ELEV.TOP=368.45

181 L.F. OF 12" STEEL ENCASEMENT PIPE

STORM DRAIN CURB INLET ELEV. FL=362.25 ELEV.TOP=367.77

37 L.F. OF 12" STEEL ENCASEMENT PIPE

STORM DRAIN CURB INLET ELEV. FL=363.24 ELEV.TOP=367.79

8"X3" TEE, 3" VALVE, & WATER METER ASSEMBLY

8"X6" TEE & 6" VALVE

8" VALVE

8"X3" TEE, 3" VALVE, & WATER METER ASSEMBLY

STORM DRAIN CURB INLET ELEV. FL=364.89 ELEV.TOP=369.59

FIRE HYDRANT ASSEMBLY (DETAIL NO. 20)

FIRE HYDRANT ASSEMBLY

DUMPSTER PAD

TRANSFORMER PAD

SANITARY SEWER MANHOLE ELEV. FL=368.33 ELEV. TOP=371.47

SS 6" A/C PAD

SATELLITE DISH

A/C PAD

A/C PAD

COOLER PAD

CONC.

6.5' WOOD FENCE

6.5' WOOD FENCE

CONC. WALK

SANITARY SEWER MANHOLE ELEV. FL=367.34 ELEV. TOP=371.06

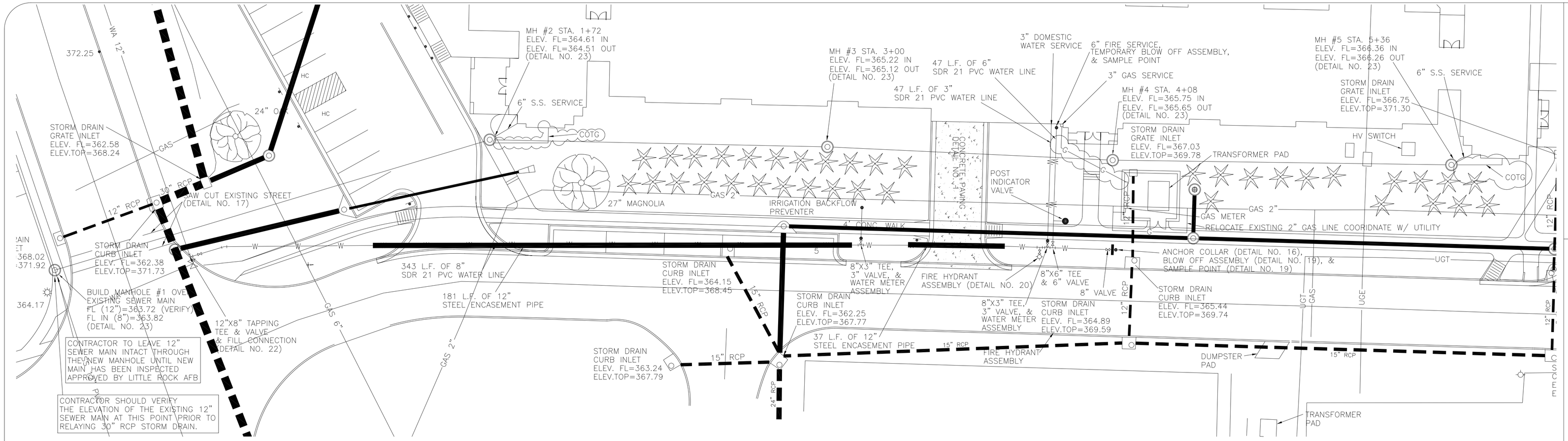
CONC. WALK

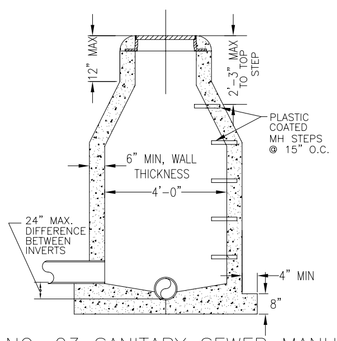
CONC. WALK

SS 6"

SS 6"

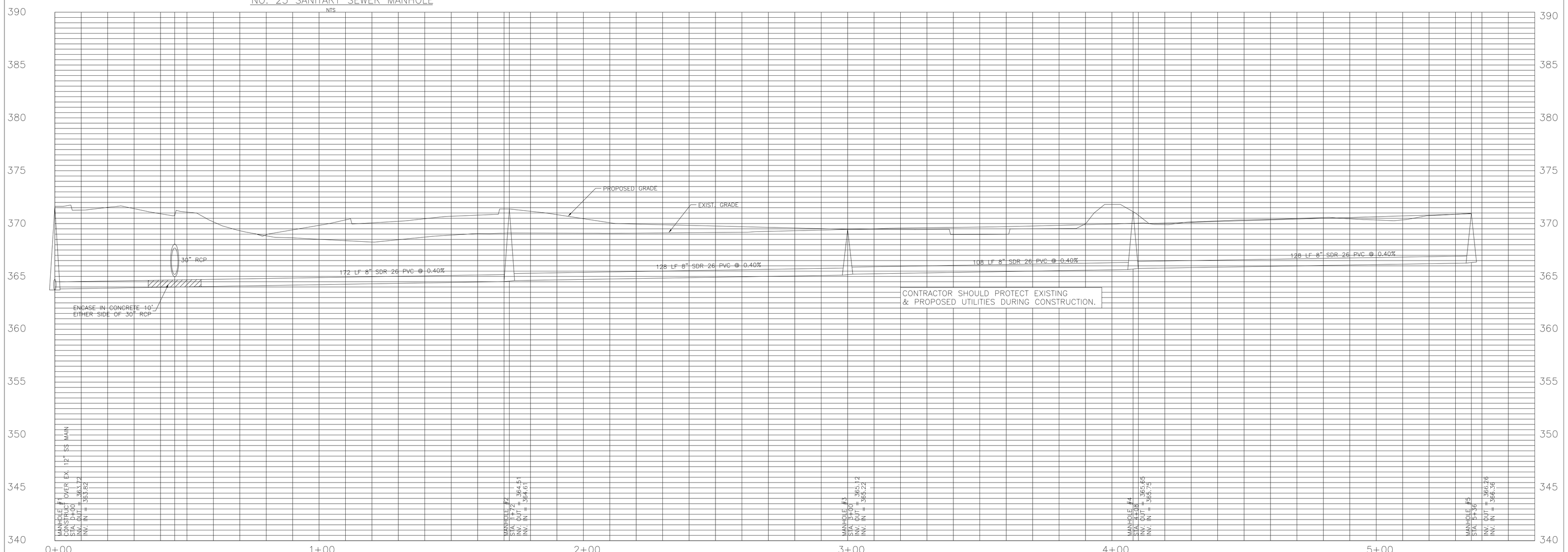
SS 6"





NO. 23 SANITARY SEWER MANHOLE

NTS



LITTLE ROCK A.F.B.
ARKANSAS

NORTH

20 10 0 20 40
SCALE

No.	Revision/Issue	Date	BY	APP'D
1	As-Built Revisions COTG and Gas Line location amended			

PROJECT TITLE

TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

SHEET TITLE

SEWER PLAN & PROFILE
AS-BUILT

DRAWN BY KRY	LEAD DESIGNER KRY
TECH REVIEWER JEE	FILE LOCATION G:\00-133\DESIGN\001335ITE.DWG
DESIGNED BY KRY	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET C5 6 OF 108
SCALE 1"=20'	

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

NORTH

30 15 0 30 60
SCALE

No.	Revision/Issue	Date	BY	APP'D
1	Addition of Retaining Wall Detail — No Other Changes			

PROJECT TITLE

TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

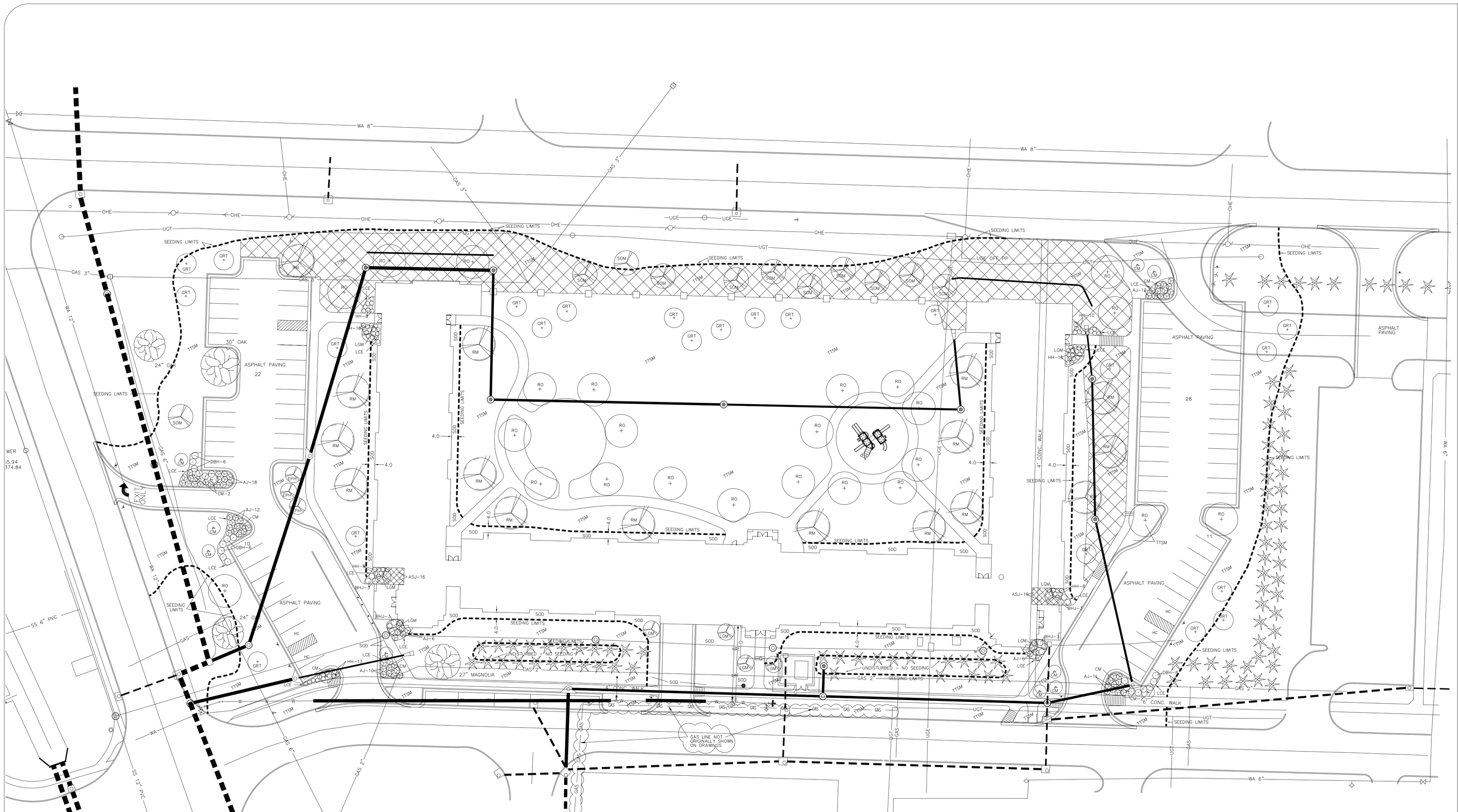
SHEET TITLE

TREE CUTTING PLAN
AS-BUILT

DRAWN BY KRY	LEAD DESIGNER KRY
TECH REVIEWER JEE	FILE LOCATION G:\00-133\DESIGN\001.33SITE.DWG
DESIGNED BY KRY	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET C6 7 OF 108
SCALE 1"=30'	

ALL TREES SHOWN IN BOLD TO BE REMOVED BY THE CONTRACTOR.

RETAINING WALL DETAIL



PLANT MATERIALS LIST

SYMBOL	COMMON/BOTANICAL NAME	SIZE	REMARKS
AJ	ANDORRA JUNIPER JUNIPEROUS HORIZONTALIS VAR. 'PLUMOSA'	6"–8" HT 16"–20" SP	SPACE PLANTS ±3.5'–4.0' O.C. IN CLUSTERS. FULL WELL BRANCHED PLANTS.
ASJ	ASIAN JASMINE TRACHELOSPERMUM ASIATICUM	4" POTS	SPACE PLANTS ±18" O.C. IN GROUND COVER AREAS.
BHJ	BAR HARBOR JUNIPER JUNIPEROUS HORIZONTALIS VAR. 'BAR HARBOR'	4"–6" HT 16"–20" SP	SPACE PLANTS ±3.5'–4.0' O.C. IN CLUSTERS. FULL WELL BRANCHED SHRUB SELECTIONS WITH UNIFORM SHAPE.
CM	CRAPE MYRTLE LAGERSTROMEIA INDICA VAR. 'PUTHOMAC'	1" CAL 7'–8' HT	MULTI-TRUNK TREE FORM ORNAMENTALS WITH FIVE 1.0" TRUNKS, MIN. FULL WELL BRANCHED CANOPIES WITH NO BRANCHES BELOW ±3.5'
DBH	DWARF BURFORD HOLLY ILEX CORNUTA VAR. 'BURFORDII NANA'	16"–20" HT 14"–18" SP	SPACE PLANTS ±3.5'–4.0' O.C. IN CLUSTERS AND ROWS. FULL, WELL BRANCHED SHRUB SELECTIONS WITH UNIFORM SHAPE.
GRT	GOLDEN RAIN TREE KOELREUTERIA PANICULATA	1.5"–2" CAL 8'–10' HT	TREES WITH POSITIVE UPRIGHT FORM AND SYMMETRICAL, WELL BRANCHED CANOPIES. NO BRANCHES BELOW ±5.0' FROM GROUND.
HH	HELLERI HOLLY ILEX CRENATA VAR. 'HELLERI'	10"–12" HT 12"–14" SP	SPACE PLANTS ±2.5' O.C. IN CLUSTERS. FULL WELL BRANCHED SHRUB SELECTIONS WITH UNIFORM SHAPE.
LGM	LITTLE GEM MAGNOLIA MAGNOLIA GRANDIFLORA VAR. 'LITTLE GEM'	6'–8' HT	TREES WITH POSITIVE UPRIGHT FORM AND SYMMETRICAL, WELL BRANCHED CANOPIES WITH NO BRANCHES BELOW ±3.5' FROM GROUND
RM	RED MAPLE ACER RUBRUM VAR. 'RED SUNSET'	2"–2.5" CAL 10'–12' HT	TREES WITH POSITIVE UPRIGHT FORM AND SYMMETRICAL, WELL BRANCHED CANOPIES. NO BRANCHES BELOW ±5.0' FROM GROUND.
RO	NORTHERN RED OAK QUERCUS RUBRA	2.0"–2.5" CAL 10'–12' HT	TREES WITH POSITIVE UPRIGHT FORM AND SYMMETRICAL, WELL BRANCHED CANOPIES. NO BRANCHES BELOW ±5.0' FROM GROUND.
SOM	SOUTHERN MAGNOLIA MAGNOLIA GRANDIFLORA	8'–10' HT	TREES WITH POSITIVE UPRIGHT FORM AND SYMMETRICAL, WELL BRANCHED CANOPIES. FULL BRANCHING TO GROUND LEVEL.

IRRIGATION REQUIREMENTS

PROVIDE DESIGN FOR AND INSTALLATION OF COMPLETE IRRIGATION SYSTEM TO COVER ALL LANDSCAPE BEDS AND TURF AREAS ON THE SITE. SEE SPECIFICATIONS SECTION 02811 FOR DESIGN, QUALITY, AND PERFORMANCE REQUIREMENTS.

OTHER MATERIALS

ITEM	REMARKS
LCE – LANDSCAPE CURB EDGING	ENCLOSE ALL OPEN BED EDGES WITH CONCRETE LANDSCAPE CURB EDGING. CURB DIMENSIONS TO BE 6" WIDE AND 4" TALL RECTANGULAR CROSS SECTION WITH EASED CORNERS ON THE TOP EDGES (±1.0" RADIUS). CURBING MATERIAL TO BE FIBER REINFORCED CONCRETE WITH A MINIMUM 3000 PSI COMPRESSIVE STRENGTH RATING WITH A SMOOTH SURFACE FINISH AND NATURAL CONCRETE COLOR (NO DYES OR STAINS). EDGING TO BE INSTALLED BY EXTRUSION MACHINE METHOD IN ONE CONTINUOUS PIECE/POUR PER SECTION.
MULCH	SHREDDED HARDWOOD BARK MULCH. 3 INCH MIN. LAYER DEPTH IN ALL GROUND COVER BED AREAS ONLY. REMOVE ALL OTHER DEBRIS.
MULCH	LAVA ROCK, 3 INCH MINIMUM LAYER DEPTH OVER WEED BARRIER FABRIC IN ALL SHRUB PLANTING BED AREAS.
TOPSOIL	4 INCH MINIMUM LAYER DEPTH OF TOPSOIL OVER ALL LANDSCAPE AND SOD AREAS. 3" MINIMUM LAYER DEPTH IN ALL SEEDED AREAS. PLACE AND CLEAN DEBRIS FROM TOPSOIL PER SPECIFICATIONS.
TOPSOIL MIXTURE	1 PART TOPSOIL, 1 PART SAND AND 1 PART PEATMOSS OR COMPOSTED RICE HULLS. PRE– MIX WITH FERTILIZERS FOR BACKFILL IN ALL TREE AND SHRUB PLANTING PITS.
WEED BARRIER FABRIC	4.0 OZ. PER SQUARE YARD, COMMERCIAL GRADE, SYNTHETIC WEED BARRIER FABRIC. INSTALL IN ALL TREE AND SHRUB BED AREAS WHERE LAVA ROCK MULCH WILL BE PLACED
EROSION CONTROL BLANKET	INSTALL EROSION CONTROL BLANKETS PER MFRS. RECOMMENDATIONS IN INDICATED AREAS. BLANKETS TO BE EITHER "CONTECH–SF82", OR "NORTH AMERICAN GREEN–S150". SEE GRADING & DRAINAGE PLAN FOR ILLUSTRATION OF CUT & FILL SLOPES.

LANDSCAPE NOTES

1. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT PRIOR TO INITIATING WORK ON THE SITE.
2. IDENTIFICATION LABELS MUST BE ATTACHED TO ALL PLANT MATERIALS AND SHALL REMAIN INTACT UNTIL FINAL ACCEPTANCE OF THE WORK. REMOVE ALL TAGS AND LABELS FOLLOWING ACCEPTANCE.
3. REPORT ANY DISCREPANCIES FOUND IN THE PLANS. THE NUMBER PLANTS SHOWN SHALL SUPERSEDE ANY WRITTEN QUANTITIES.
4. SEE GRADING AND DRAINAGE PLAN FOR PROPOSED SLOPES, SWALES, BERMS, ETC. MAINTAIN PROPER FINISH GRADES IN ALL AREAS AS INDICATED.
5. SUBSTITUTIONS OF SIZE OR TYPE OF MATERIAL ARE NOT PERMITTED AND REQUIRE WRITTEN APPROVAL FOR USE, PRIOR TO DELIVERY OR INSTALLATION.
6. COORDINATE ALL INSTALLATION ACTIVITIES WITH IRRIGATION WORK AND IMMEDIATELY REPAIR DAMAGES TO FINISH GRADES, SOD, AND PLANT MATERIALS UNTIL FINAL ACCEPTANCE OF THE WORK.
7. SIZE SPECIFICATIONS GIVEN ARE MINIMUMS. ALL PLANT MATERIALS SHOULD MEET OR EXCEED SPECIFIED SIZE RANGES AND MUST BE APPROVED PRIOR TO INSTALLATION.

TURF MATERIALS LIST

SYMBOL	COMMON/BOTANICAL NAME	SIZE	REMARKS
SOD	COMMON BERMUDAGRASS	SQ. YD.	SOLID SOD ALL INDICATED AREAS WITH CLOSE KNIT JOINTS.
TTSM	TURF TYPE SEEDING MIXTURE	ACRE	TURF TYPE SEEDING MIXTURE CONSISTING OF COMMON BERMUDAGRASS, PERENNIAL RYEGRASS. MIXTURE TO BE APPLIED BY HYDROMULCH SEEDING METHOD THAT INCLUDES SEED, FERTILIZER, MULCH, SOIL STABILIZER AND WATER. SEE SPECIFICATIONS FOR MIXTURE RATIOS, APPLICATION RATES, MAINTENANCE AND OTHER REQUIREMENTS OF THE WORK.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Added Gas Line as shown not originally shown on drawings			

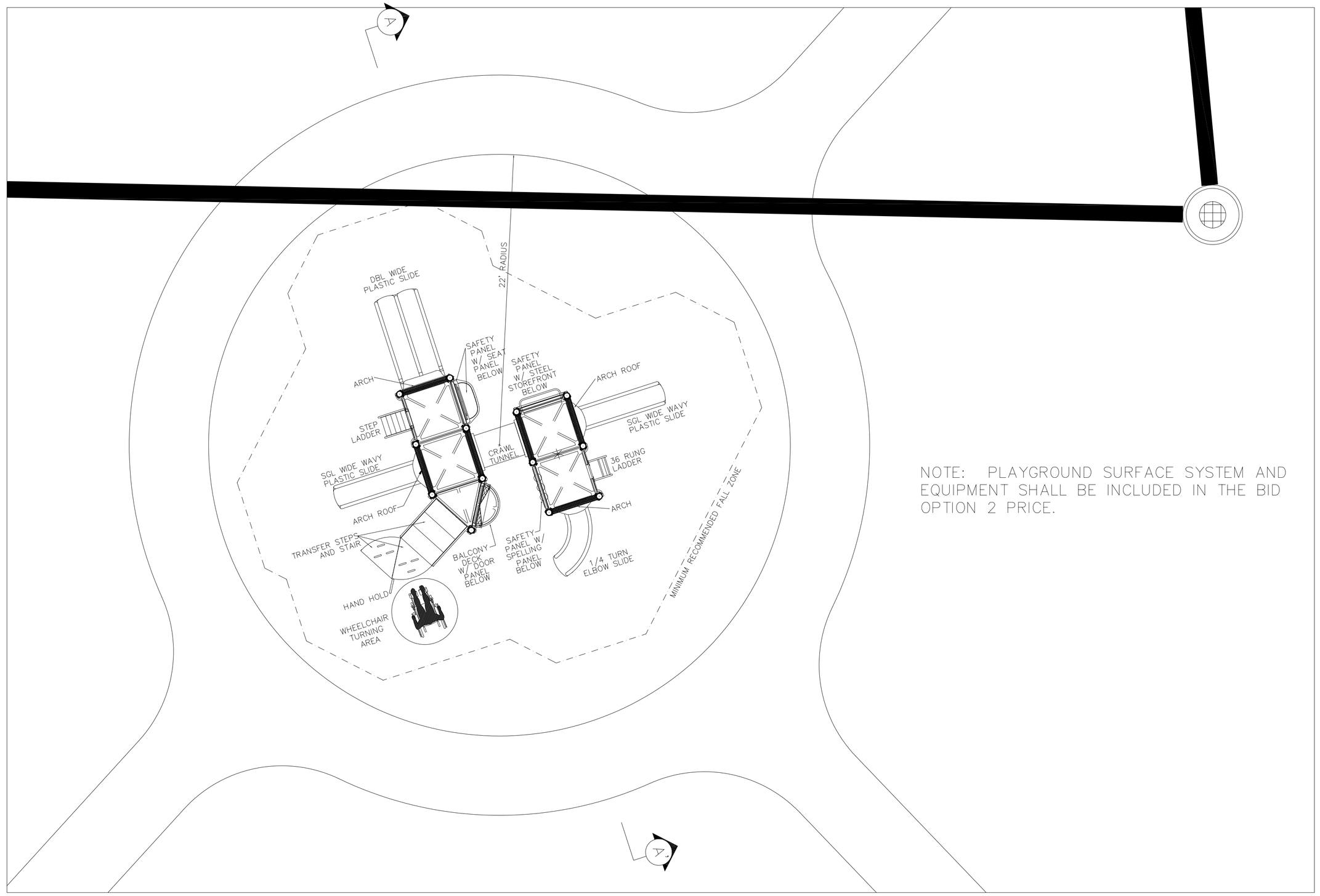
PROJECT TITLE

TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

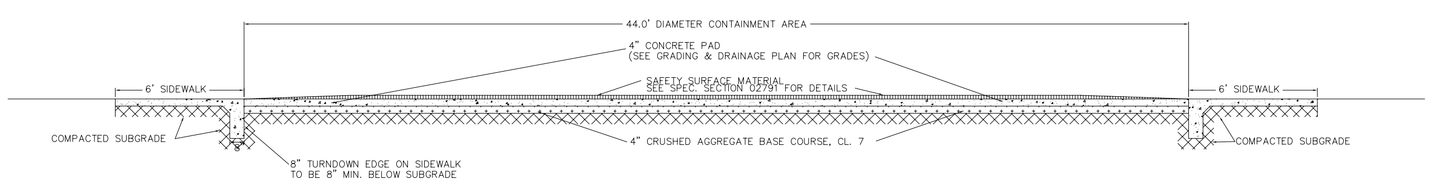
SHEET TITLE

LANDSCAPE PLAN
AS–BUILT

DRAWN BY RMB & JAV	LEAD DESIGNER KRY
TECH REVIEWER RMB	FILE LOCATION G:\00–133\DESIGN\00133LSP.DWG
DESIGNED BY RMB	PROJECT NUMBER NKAK02–5001
DATE 28 MAY 2002	SHEET L1 8 OF 108
SCALE 1"=30'	



NOTE: PLAYGROUND SURFACE SYSTEM AND EQUIPMENT SHALL BE INCLUDED IN THE BID OPTION 2 PRICE.



SECTION A–A'

N.T.S.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

NORTH

5 0 5 10

SCALE

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

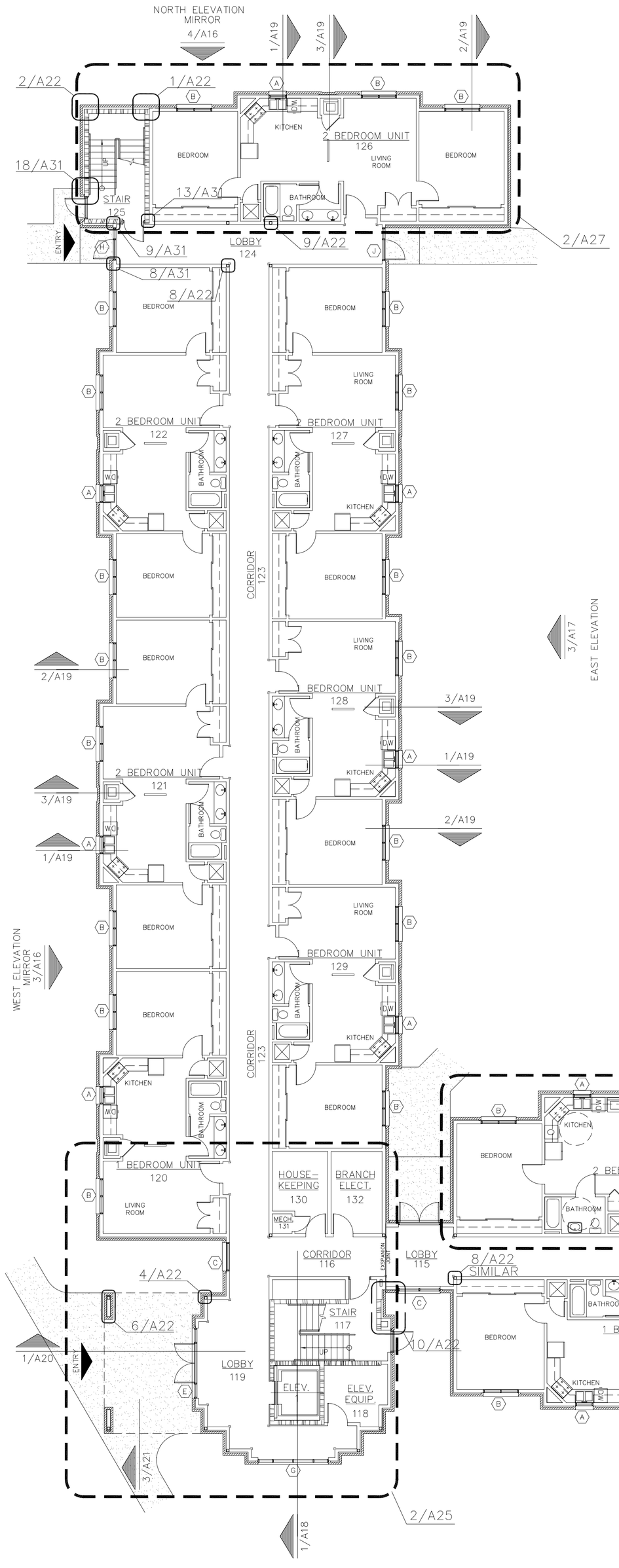
PROJECT TITLE

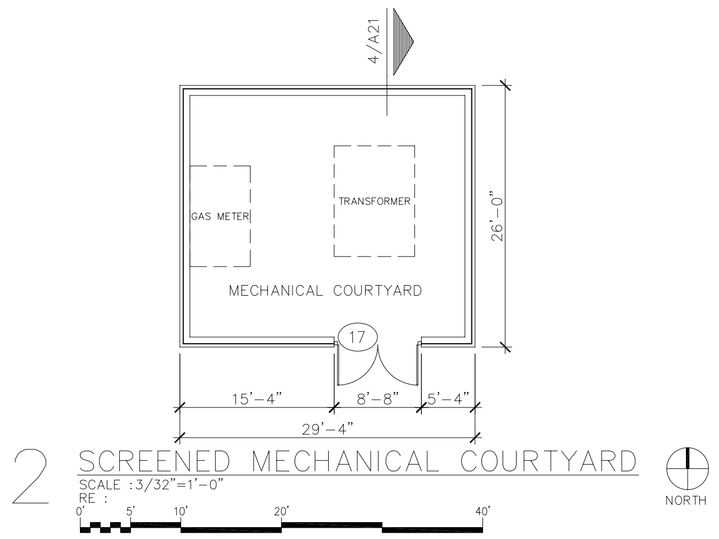
TEMPORARY LODGING FACILITY (TLF)
LITTLE ROCK AIR FORCE BASE

SHEET TITLE

PLAYGROUND PLAN
AS–BUILT

DRAWN BY RMB	LEAD DESIGNER RMB
TECH REVIEWER RMB	FILE LOCATION G:\00-133\DESIGN\00133PLAY.DWG
DESIGNED BY RMB	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET L2 9 OF 108
SCALE 1"=5'	





2 SCREENED MECHANICAL COURTYARD
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'
NORTH

LEGEND

BUILDING ELEVATION SYMBOL
1/A7 — DETAIL #/ SHEET #

SECTION SYMBOL
1/A11 — DETAIL #/ SHEET #

ENLARGED PLANS
1/A2 — DETAIL #/ SHEET #

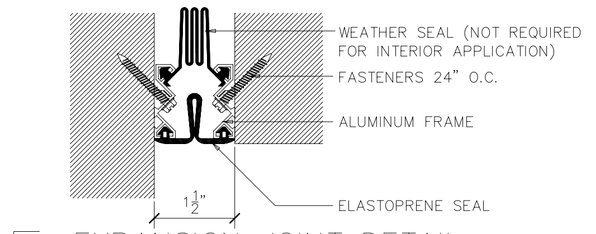
WINDOW SYMBOL
X — WINDOW TYPE

ROOM NAME & NUMBER
OFFICE 100 — ROOM NAME / ROOM NUMBER

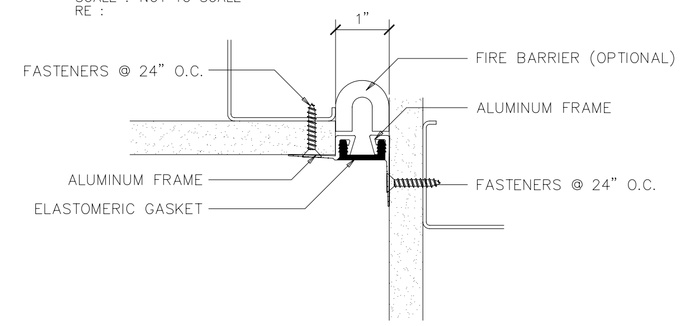
CORNER GUARD

NOTE:

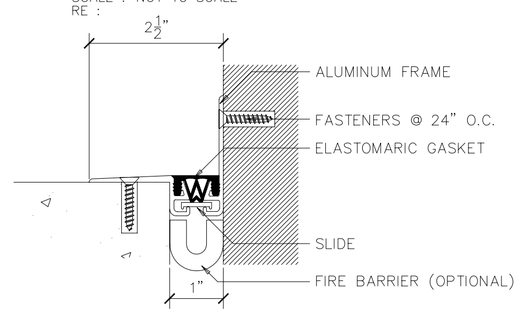
1. EXTERIOR WALLS AND CORRIDOR WALLS ARE 6" METAL STUDS. ALL OTHER WALLS ARE 3-5/8" METAL STUD WALLS UNLESS OTHERWISE NOTED.
2. REFER TO SHEET A8 & A9 FOR FIRE RATED WALL CONSTRUCTION.
3. PROVIDE ACOUSTICAL BATT INSULATION (FULL HEIGHT AND FULL WIDTH) IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS AND IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS FROM ALL ADJACENT INTERIOR AREAS, CORRIDORS, ROOMS, SPACES, AND ETC...
4. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS IN ALL CORRIDORS.
5. PROVIDE 5/8" ABUSE RESISTANT GYPSUM BOARD IN ALL CORRIDORS AND STAIRWELLS UP TO 48" A.F.F..
6. REFER TO SHEET A8 & A9 FOR DOOR SCHEDULE AND SYMBOLS. REFER TO A30 FOR DOOR AND FRAME ELEVATIONS.
7. ALL LOAD BEARING WALLS, SHEAR WALLS (SW), AND WALLS SEPARATING INDIVIDUAL UNITS SHALL BE CONSTRUCTED WITH 6" WIDE METAL STUDS. RE: STRUCTURAL S2, S3, S4, S5, S6, AND S7.



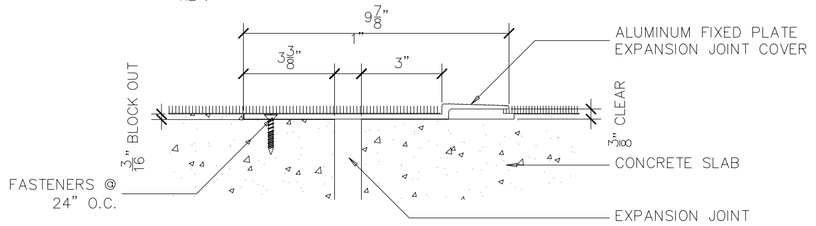
5 EXPANSION JOINT DETAIL
EXTERIOR WALL – WALL (CORNER)
SCALE : NOT TO SCALE
RE :



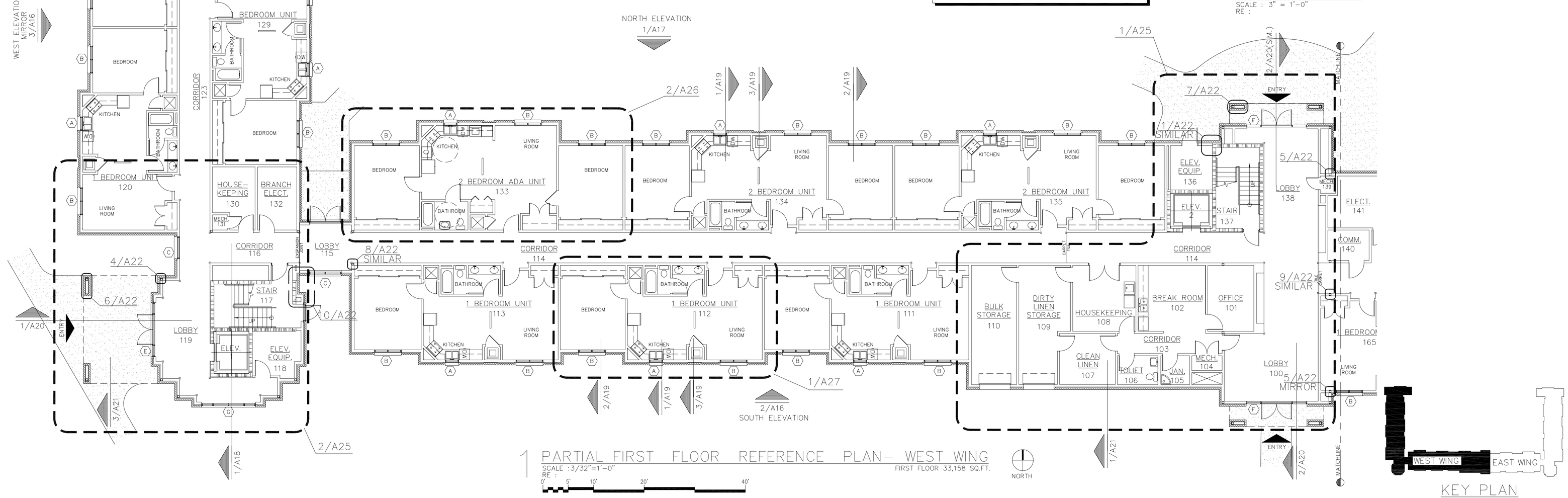
4 EXPANSION JOINT DETAIL
INTERIOR WALL – WALL (CORNER)
SCALE : NOT TO SCALE
RE :



3 EXPANSION JOINT DETAIL
FLOOR – WALL
SCALE : NOT TO SCALE
RE :



2 EXPANSION JOINT DETAIL
FLOOR – FLOOR
SCALE : 3" = 1'-0"
RE :



1 PARTIAL FIRST FLOOR REFERENCE PLAN– WEST WING
SCALE :3/32"=1'-0"
RE :
FIRST FLOOR 33,158 SQ.FT.
0' 5' 10' 20' 40'
NORTH

KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Deign to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL FIRST FLOOR REFERENCE PLAN
AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A1
SCALE: 3/32"=1'-0"	10 OF 108

LEGEND

BUILDING ELEVATION SYMBOL

1/A7 ← DETAIL #/ SHEET #

SECTION SYMBOL

1/A11 ← DETAIL #/ SHEET #

ENLARGED PLANS

1/A2 ← DETAIL #/ SHEET #

WINDOW SYMBOL

X ← WINDOW TYPE

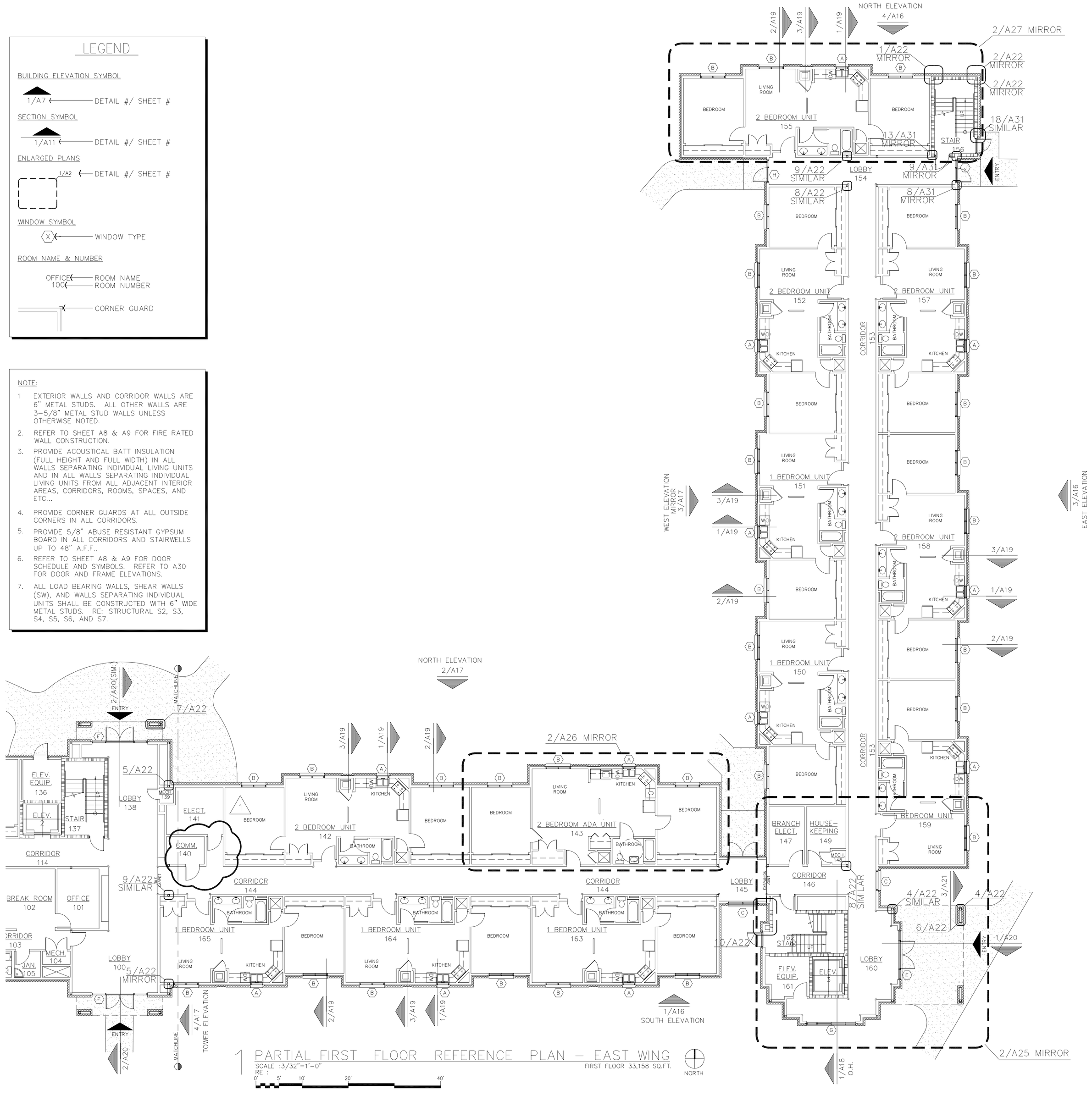
ROOM NAME & NUMBER

OFFICE ← ROOM NAME
100 ← ROOM NUMBER

CORNER GUARD

NOTE:

1. EXTERIOR WALLS AND CORRIDOR WALLS ARE 6" METAL STUDS. ALL OTHER WALLS ARE 3-5/8" METAL STUD WALLS UNLESS OTHERWISE NOTED.
2. REFER TO SHEET A8 & A9 FOR FIRE RATED WALL CONSTRUCTION.
3. PROVIDE ACOUSTICAL BATT INSULATION (FULL HEIGHT AND FULL WIDTH) IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS AND IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS FROM ALL ADJACENT INTERIOR AREAS, CORRIDORS, ROOMS, SPACES, AND ETC...
4. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS IN ALL CORRIDORS.
5. PROVIDE 5/8" ABUSE RESISTANT GYPSUM BOARD IN ALL CORRIDORS AND STAIRWELLS UP TO 48" A.F.F..
6. REFER TO SHEET A8 & A9 FOR DOOR SCHEDULE AND SYMBOLS. REFER TO A30 FOR DOOR AND FRAME ELEVATIONS.
7. ALL LOAD BEARING WALLS, SHEAR WALLS (SW), AND WALLS SEPARATING INDIVIDUAL UNITS SHALL BE CONSTRUCTED WITH 6" WIDE METAL STUDS. RE: STRUCTURAL S2, S3, S4, S5, S6, AND S7.



1 PARTIAL FIRST FLOOR REFERENCE PLAN – EAST WING

SCALE : 3/32"=1'-0"
RE :
FIRST FLOOR 33,158 SQ.FT.
NORTH
0' 5' 10' 20' 40'

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	As-built Revisions Wall & door locations changed			

PROJECT TITLE

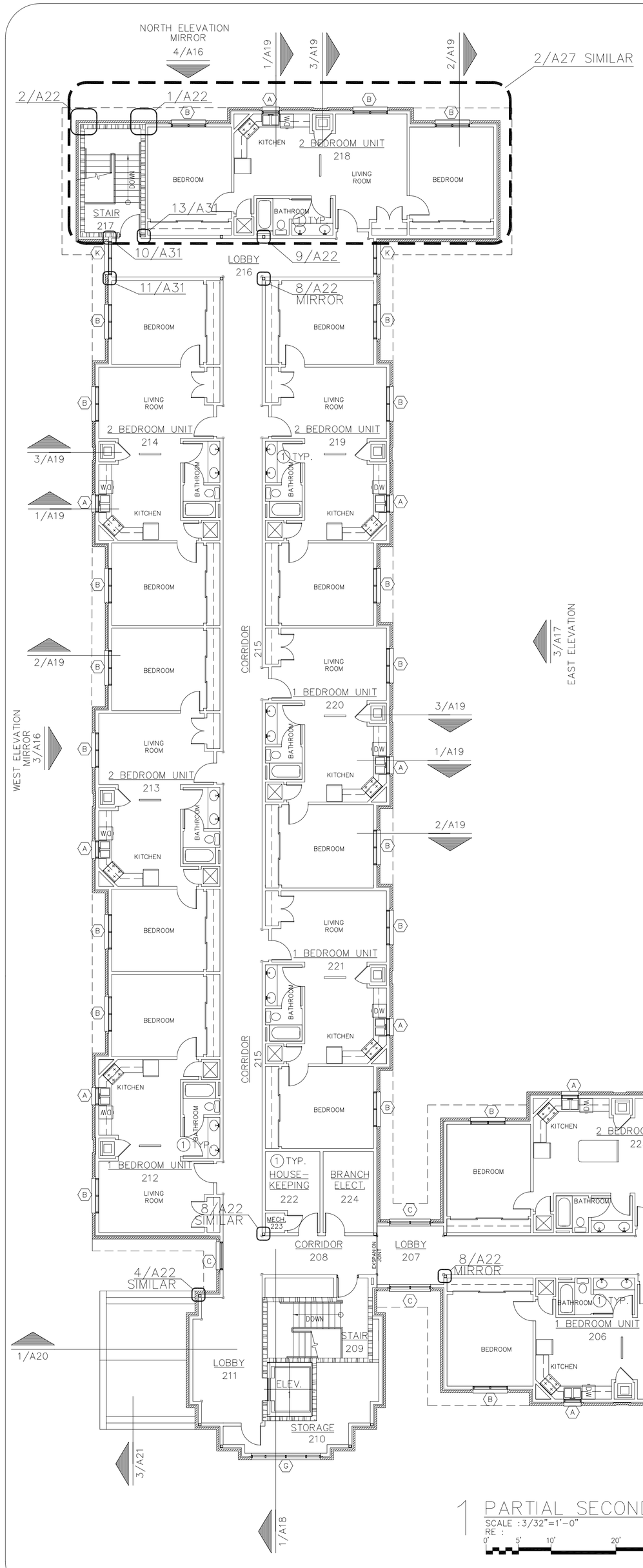
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR REFERENCE PLAN

AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A2
SCALE: 3/32"=1'-0"	11 OF 108



1 PARTIAL SECOND FLOOR REFERENCE PLAN – WEST WING

SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'

SECOND FLOOR 32,212 SQ.FT.

NORTH

LEGEND

BUILDING ELEVATION SYMBOL
1/A7 ← DETAIL #/ SHEET #

SECTION SYMBOL
1/A11 ← DETAIL #/ SHEET #

ENLARGED PLANS
1/A2 ← DETAIL #/ SHEET #

WINDOW SYMBOL
X ← WINDOW TYPE

ROOM NAME & NUMBER
OFFICE ← ROOM NAME
100 ← ROOM NUMBER

CORNER GUARD

GENERAL NOTE: SECOND FLOOR ONLY

1 AT ALL UNIT BATHROOMS AND AT ALL HOUSEKEEPING ROOMS EXTEND ALL WALL CONSTRUCTION AND WALL FINISH TO BOTTOM OF ROOF TRUSSES, AND PROVIDE ONE (1) LAYER OF 1/2" GYPSUM BOARD TO BOTTOM CHORD OF ROOF TRUSS. RE: 1/A23.

NOTE:

1 EXTERIOR WALLS AND CORRIDOR WALLS ARE 6" METAL STUDS. ALL OTHER WALLS ARE 3-5/8" METAL STUD WALLS UNLESS OTHERWISE NOTED.
2. REFER TO SHEET A8 & A9 FOR FIRE RATED WALL CONSTRUCTION.
3. PROVIDE ACOUSTICAL BATT INSULATION (FULL HEIGHT AND FULL WIDTH) IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS AND IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS FROM ALL ADJACENT INTERIOR AREAS, CORRIDORS, ROOMS, SPACES, AND ETC...
4. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS IN ALL CORRIDORS.
5. PROVIDE 5/8" ABUSE RESISTANT GYPSUM BOARD IN ALL CORRIDORS AND STAIRWELLS UP TO 48" A.F.F..
6. REFER TO SHEET A8 & A9 FOR DOOR SCHEDULE AND SYMBOLS. REFER TO A30 FOR DOOR AND FRAME ELEVATIONS.
7. ALL LOAD BEARING WALLS, SHEAR WALLS (SW), AND WALLS SEPARATING INDIVIDUAL UNITS SHALL BE CONSTRUCTED WITH 6" WIDE METAL STUDS. RE: STRUCTURAL S2, S3, S4, S5, S6, AND S7.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Deign to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL SECOND FLOOR REFERENCE PLAN
AS-BUILT

DRAWN BY JB/ RL	LEAD DESIGNER BG
TECH REVIEWER	FILE LOCATION
DESIGNED BY BG	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET A3 12 OF 108
SCALE 3/32"=1'-0"	

LEGEND

BUILDING ELEVATION SYMBOL

1/A7 ← DETAIL #/ SHEET #

SECTION SYMBOL

1/A11 ← DETAIL #/ SHEET #

ENLARGED PLANS

1/A2 ← DETAIL #/ SHEET #

WINDOW SYMBOL

X ← WINDOW TYPE

ROOM NAME & NUMBER

OFFICE ← ROOM NAME
100 ← ROOM NUMBER

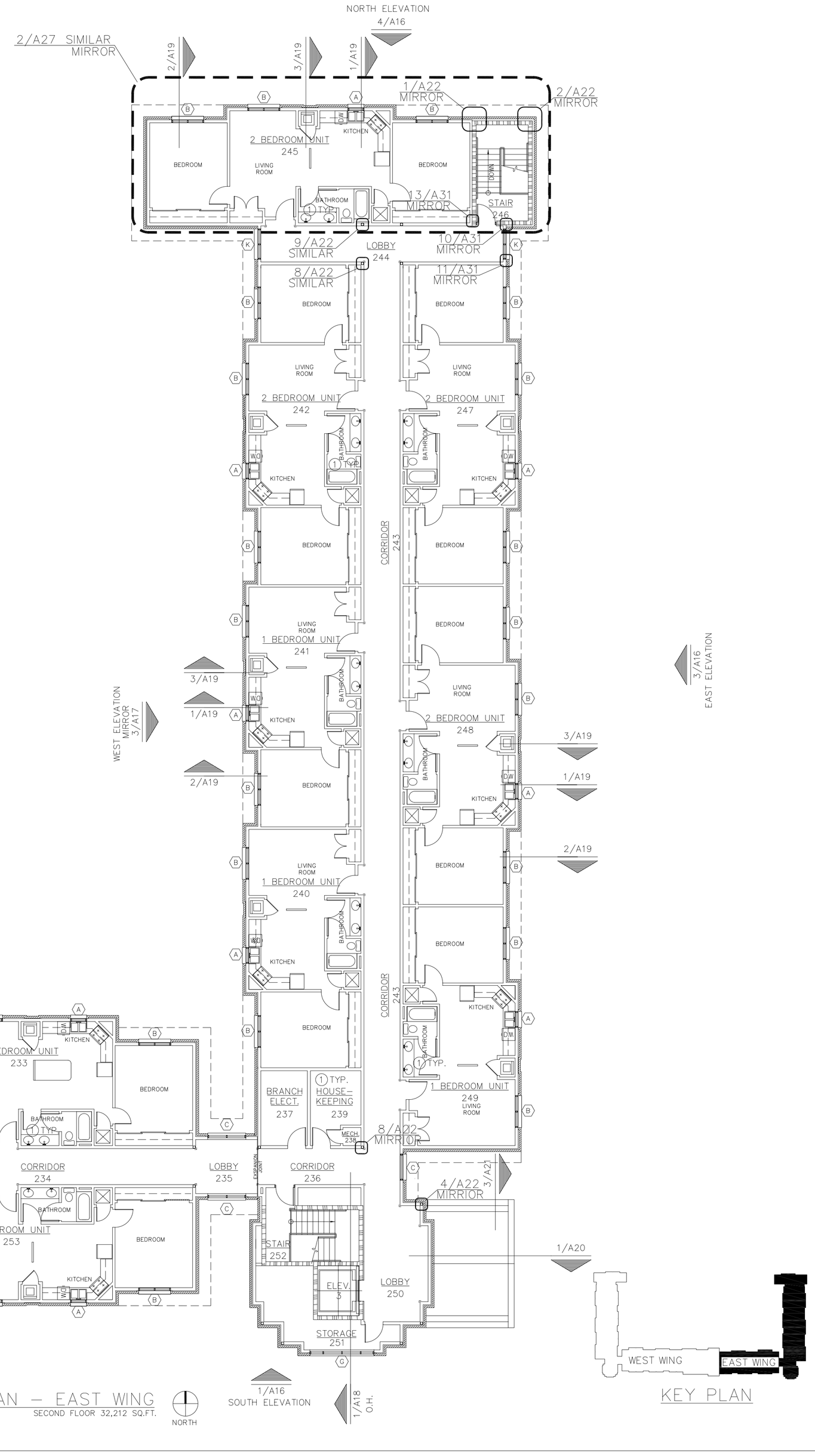
CORNER GUARD

NOTE:

1. EXTERIOR WALLS AND CORRIDOR WALLS ARE 6" METAL STUDS. ALL OTHER WALLS ARE 3-5/8" METAL STUD WALLS UNLESS OTHERWISE NOTED.
2. REFER TO SHEET A8 & A9 FOR FIRE RATED WALL CONSTRUCTION.
3. PROVIDE ACOUSTICAL BATT INSULATION (FULL HEIGHT AND FULL WIDTH) IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS AND IN ALL WALLS SEPARATING INDIVIDUAL LIVING UNITS FROM ALL ADJACENT INTERIOR AREAS, CORRIDORS, ROOMS, SPACES, AND ETC...
4. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS IN ALL CORRIDORS.
5. PROVIDE 5/8" ABUSE RESISTANT GYPSUM BOARD IN ALL CORRIDORS AND STAIRWELLS UP TO 48" A.F.F..
6. REFER TO SHEET A8 & A9 FOR DOOR SCHEDULE AND SYMBOLS. REFER TO A30 FOR DOOR AND FRAME ELEVATIONS.
7. ALL LOAD BEARING WALLS, SHEAR WALLS (SW), AND WALLS SEPARATING INDIVIDUAL UNITS SHALL BE CONSTRUCTED WITH 6" WIDE METAL STUDS. RE: STRUCTURAL S2, S3, S4, S5, S6, AND S7.

GENERAL NOTE: SECOND FLOOR ONLY

1 AT ALL UNIT BATHROOMS AND AT ALL HOUSEKEEPING ROOMS EXTEND ALL WALL CONSTRUCTION AND WALL FINISH TO BOTTOM OF ROOF TRUSSES, AND PROVIDE ONE (1) LAYER OF 1/2" GYPSUM BOARD TO BOTTOM CHORD OF ROOF TRUSS. RE: 1/A23.



1 PARTIAL SECOND FLOOR REFERENCE PLAN – EAST WING
SCALE :3/32"=1'-0"
RE :
SECOND FLOOR 32,212 SQ.FT.
NORTH
0" 5' 10' 20' 40'

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Deign to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR REFERENCE PLAN

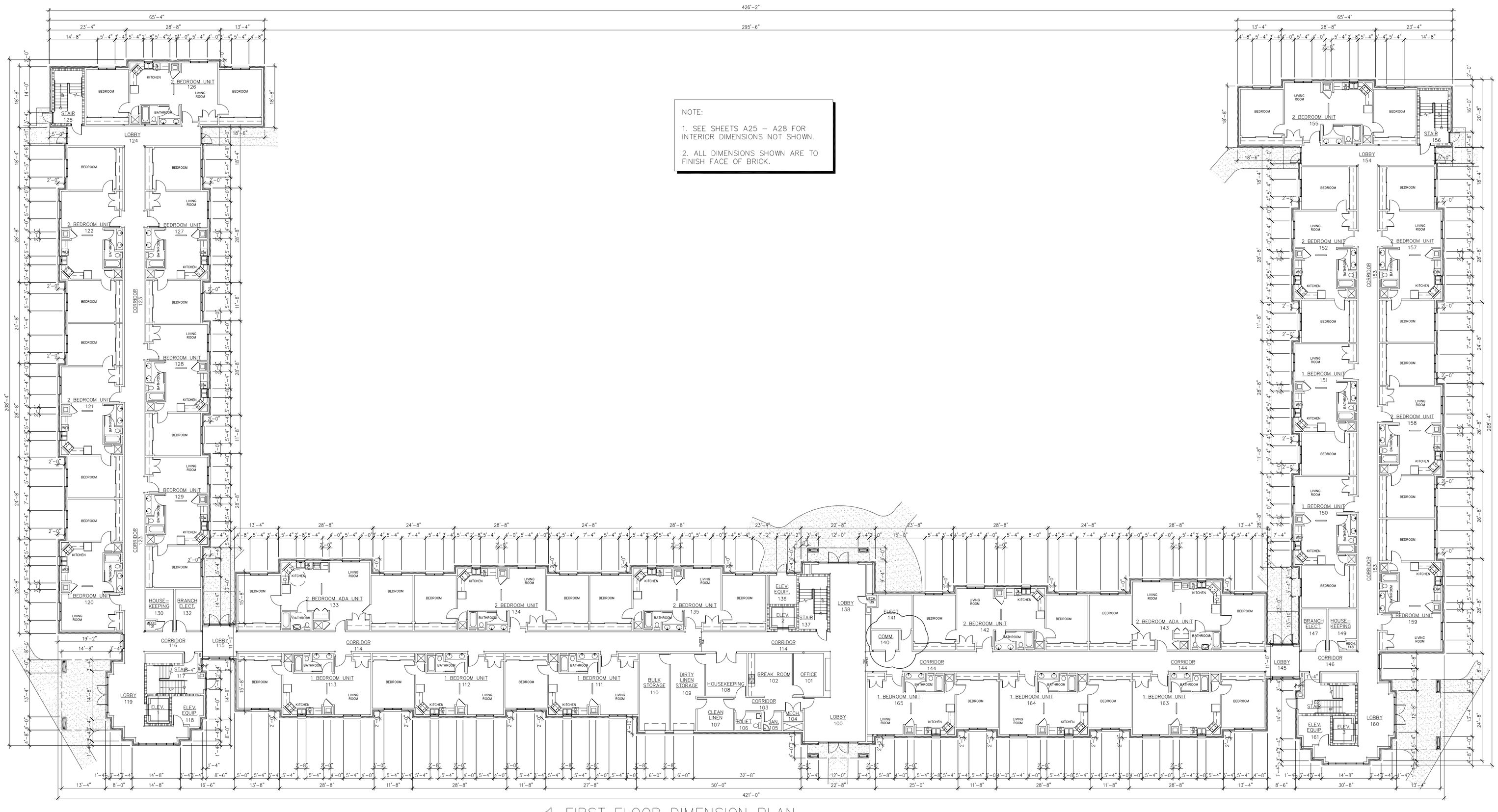
AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A4 13 OF 108
SCALE: 3/32"=1'-0"	

NOTE:

1. SEE SHEETS A25 – A28 FOR INTERIOR DIMENSIONS NOT SHOWN.

2. ALL DIMENSIONS SHOWN ARE TO FINISH FACE OF BRICK.



1 FIRST FLOOR DIMENSION PLAN
SCALE :1/16"=1'-0"
RE :
0' 5' 10' 20' 40'

NORTH

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Wall and Door locations Changed from Design			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

FIRST FLOOR DIMENSION PLAN

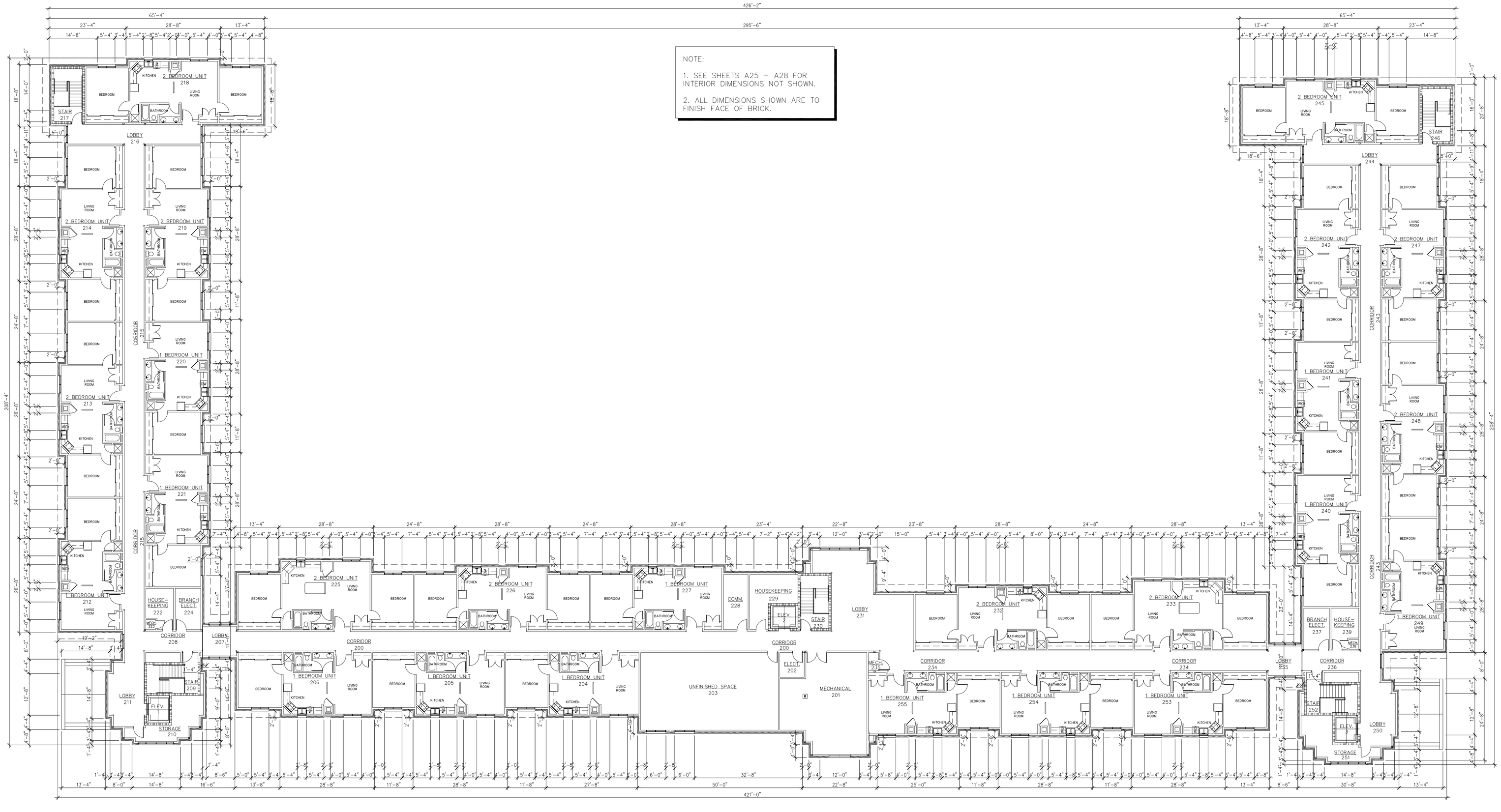
AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A5
SCALE: 1/16" = 1'-0"	14 OF 108

NOTE:

1. SEE SHEETS A25 – A28 FOR INTERIOR DIMENSIONS NOT SHOWN.

2. ALL DIMENSIONS SHOWN ARE TO FINISH FACE OF BRICK.



1 SECOND FLOOR DIMENSION PLAN
SCALE :1/16"=1'-0"
RE :
0' 5' 10' 20' 40'

NORTH

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Deign to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

SECOND FLOOR DIMENSION PLAN

AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A6
SCALE: 1/16" = 1'-0"	15 OF 108

DESIGN DATA

BUILDING CODE

ARKANSAS FIRE PREVENTION CODE, VOLUME II 1999 EDITION
INTERNATIONAL BUILDING CODE, ICC 2000 EDITION

FIRE CODE

LIFE SAFETY CODE NFPA 101 (1997 EDITION)
ARKANSAS FIRE PREVENTION CODE, VOLUME II 1999 EDITION
INTERNATIONAL FIRE CODE (2000)
MIL-HDBK-1008 C, FIRE PROTECTION FOR FACILITIES ENGINEEING, DESIGN AND CONSTRUCTION

ELECTRICAL CODE

NFPA 70-1999 (NEC)
INTERNATIONAL ELECTRICAL CODE (2000)

PLUMBING CODE

ARKANSAS STATE PLUMBING CODE (1996)
INTERNATIONAL ELECTRICAL CODE (2000)

GAS CODE

ARKANSAS STATE GAS CODE
INTERNATIONAL FUEL GAS CODE (2000)

MECHANICAL CODE

ARKANSAS MECHANICAL CODE (1992 EDITION)
INTERNATIONAL MECHANICAL CODE (2000)

EARTHQUAKE CODE

INTERNATIONAL BUILDING CODE, ICC 2000 EDITION

REGULATIONS, MANUALS, CODES AND INDUSTRY STANDARDS

AMERICAN'S W/ DISABILITIES ACT
FAIR HOUSING ACCESSIBILITY GUIDELINES
AIR FORCE INSTRUCTION 34-246, AIR FORCE LODGING STANDARDS
AFP 32-1097; AIR FORCE SIGN STANDARDS PAMPHLET
AETC INSTRUCTION 32-1001, BASE EXTERIOR SIGN PROGRAM AND EXTERIOR GRAPHICS
AFJMAN 32-1008, INSTALLATION DESIGN
PARAMETRIC COST ENGINEERING SYSTEM (PACES)
MIL-HDBK-1190; MILITARY HANDBOOK FACILITY PLANNING AND DESIGN GUIDE - TECHNICAL GUIDANCE
AIR FORCE INSTRUCTION 31-210, AIR FORCE ANTI TERRORISM PROGRAM STANDARDS
INTERIM DEPARTMENT OF DEFENSE ANTI TERRORISM/
FORCE PROTECTION CONSTRUCTION STANDARDS 1999
USAF ENVIRONMENTALLY RESPONSIBLE FACILITIES GUIDE
INTERNATIONAL ENERGY CONSERVATION CODE 2000
ARKcheck, COMcheck, PLUS OR COMcheck-EZ, COMMERCIAL AND RESIDENTIAL ENERGY CODE COMPLIANCE
AMERICAN SOCIETY OF HEATING, REFRIGERATION, AND AIR CONDITIONING ENGINEERS (ASHRAE) 90.1,
ENERGY STANDARDS FOR BUILDINGS EXCEPT LOW RISE RESIDENTIAL BUILDINGS
ILLUMINATING ENGINEERING SOCIETY OF NORTH AMERICA (IESNA) LIGHTING HANDBOOK

NOTE: ALL SECTION & TABLE REFERENCES ARE FROM THE
INTERNATIONAL BUILDING CODE, 2000 EDITION UNLESS OTHERWISE NOTED.

OCCUPANCY CLASSIFICATION

RESIDENTIAL GROUP R-1 (SECTION 311.2)
MAXIMUM FLOOR AREA ALLOWANCE PER OCCUPANT TABLE 1003.2.2.2:
RESIDENTIAL AREA: 200 GROSS SQUARE FEET/ OCCUPANT

OCCUPANCY AND SQUARE FOOTAGE

	GROSS SQ.FT.	SQ.FT./PERSON	MIN. OCCUPANT LOAD
FIRST FLOOR	33,158	200	166
SECOND FLOOR	32,212	200	161
TOTAL	65,370		337

PHYSICAL PROPERTIES OF BUILDING

(A) BUILDING AREA: 1ST FLOOR - 33,170 SQ.FT.
2ND FLOOR - 33,320 SQ.FT.
(B) GRADE: ELEV. 372.00 FT.
(C) BUILDING HEIGHT: 37'-0" ABOVE GRADE
(D) NUMBER OF STORIES: 2
(E) SEPARATION DISTANCE: NORTH: > 30 FEET
SOUTH: > 30 FEET
EAST: > 30 FEET
WEST: > 30 FEET
(F) EXTERIOR WALL OPENINGS PERMITTED: NO LIMITS (TABLE 704.8)

TYPE OF CONSTRUCTION

TYPE III-B, UNPROTECTED, SPRINKLED (TABLE 601)
(A) MAXIMUM ALLOWABLE HEIGHT: 55' FEET/ 4 STORIES (TABLE 503)
(B) MAXIMUM ALLOWABLE FLOOR AREA: 16,000 SQUARE FEET/FLOOR (TABLE 503)
TOTAL SQUARE FOOTAGE: 16,000+16,000+16,000 = 48,000 SQ. FT./ FLOOR
(C) ALLOWABLE HEIGHT & AREA INCREASES:
FRONTAGE: A = (16,000) 100%/ 100 (SECTION 506.1)
A = 16,000 SQ.FT.
SPRINKLED: A= (16,000)100%/ 100 (SECTION 506.1)
A = 16,000 SQ.FT.

CONSTRUCTION REQUIREMENTS

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (TABLE 601 & 602)
(A) INTERIOR BEARING WALLS: 0
COLUMNS: 0
BEAMS, GIRDERS, TRUSSES: 0
CEILING/ FLOOR CONSTRUCTION: 0
ROOF/CEILING CONSTRUCTION: 0
EXTERIOR BEARING WALLS: OVER 30 FT. SEPARATION - 0 NL (NO LIMITS ON WALL OPENINGS)
EXTERIOR NON-BEARING WALLS: OVER 30 FT. SEPARATION - NC NL (NO LIMITS ON WALL OPENINGS)

PROTECTION FROM HAZARDOUS AREAS (TABLE 302.1.1)

AREA	SEPARATION/ PROTECTION
BOILERS OVER 15PSI AND 10 HORSEPOWER	1-HOUR SEPARATION/ 3/4-HOUR DOORS
LAUNDRY ROOMS OVER 100 SQ.FT.	1-HOUR SEPARATION/ 3/4-HOUR DOORS
STORAGE ROOMS OVER 100 SQ.FT.	1-HOUR SEPARATION/ 3/4-HOUR DOORS
WASTE AND LINEN COLLECTION ROOMS OVER 100 SQ.FT.	1-HOUR SEPARATION/ 3/4-HOUR DOORS

MINIMUM FIRE RESISTANCE OF WALLS, PARTITIONS AND OPENING PROTECTIVES (TABLE 705.1.2)

COMPONENT	WALL & PARTITIONS	OPENING PROTECTIVE	UL 2000 DESIGN EDITION
EXIT ACCESS CORRIDORS	1 HOUR	20 MIN.	U465

MINIMUM INTERIOR FINISH CLASSIFICATION (TABLE 803.4)

OCCUPANCY: RESIDENTIAL-2 SPRINKLED
VERTICAL EXITS AND EXIT PASSAGEWAYS: CLASS A
EXIT ACCESS CORRIDORS AND OTHER EXITWAYS: CLASS A
ROOMS AND ENCLOSED SPACES: CLASS A,B, OR C
CLASS C = FLAMESPREAD 76-200; SMOKE DEVELOPED 0-450 (SECTION 803.1)

MEANS OF EGRESS REQUIREMENTS (CHAPTER 10)

OCCUPANCY CLASSIFICATION: GROUP R-2 (RESIDENTIAL)
MAX. TRAVEL DISTANCE TO EXIT (SPRINKLERED): 200 FT
DEAD END CORRIDOR: 20 FT. MAX.
EGRESS WIDTH PER PERSON SERVED: 0.15 LEVEL (RAMPS, DOORS, & CORRIDORS) TABLE 1003.23
0.2 STAIRS TABLE 1003.2.3
MINIMUM CORRIDOR WIDTH: 44 INCHES
MINIMUM CLEAR OPENING OF EXIT DOORS: 32 INCHES
MINIMUM STAIR WIDTH: 44 INCHES

NOTE: EGRESS DOORS MUST SWING IN DIRECTION OF EXIT IF OCCUPANT LOAD IS 50 OR MORE (SECTION 1003.1.2)

BUILDING CONSTRUCTION

FOUNDATION: CONCRETE SPREAD FOOTINGS

STRUCTURE: 1st FLOOR - SLAB ON GRADE
2nd FLOOR - CONCRETE SLAB ON METAL DECK ON BAR JOISTS.

EXTERIOR WALLS: BRICK VENEER, 2" AIR SPACE, 1/2" EXTERIOR GRADE GYPSUM BOARD, STRUCTURAL 6" 16 GA. GALV. METAL STUDS @ 16" O.C., 6" BATT INSULATION, AND ONE LAYER 5/8" GYPSUM BOARD. EXTERIOR WALLS ARE LOAD BEARING.

ROOF: ASPHALT SHINGLES, ONE LAYER OF #30 FELT, 5/8" OSB DECK WITH RADIANT BARRIER, AND PRE-ENGINEERED METAL ROOF TRUSSES.

INTERIOR WALLS: 1 HOUR RATED: 6" OR 3-5/8" AS INDICATED (16 GA. LOAD BEARING WALLS AND 25 GA. NON-LOAD BEARING WALLS) METAL STUDS @ 16" O.C. W/ (1) LAYER OF 5/8" TYPE "X" GYPSUM BOARD ON EACH SIDE, RE: 1/A7.

NON-RATED & NON-LOAD BEARING: 3-5/8" 25. GA. METAL STUDS @ 16" O.C. W/ (1) LAYER MIN. OF 5/8" GYPSUM BOARD ON EACH SIDE.

CEILINGS: SUSPENDED 1/2" GYPSUM BOARD CEILING (UNLESS NOTED OTHERWISE) AND 2'-0" x 2'-0" SUSPENDED ACOUSTICAL CEILING TILE, SEE FINISHED SCHEDULE A27.

FINISHES: SEE FINISHED SCHEDULE A27.

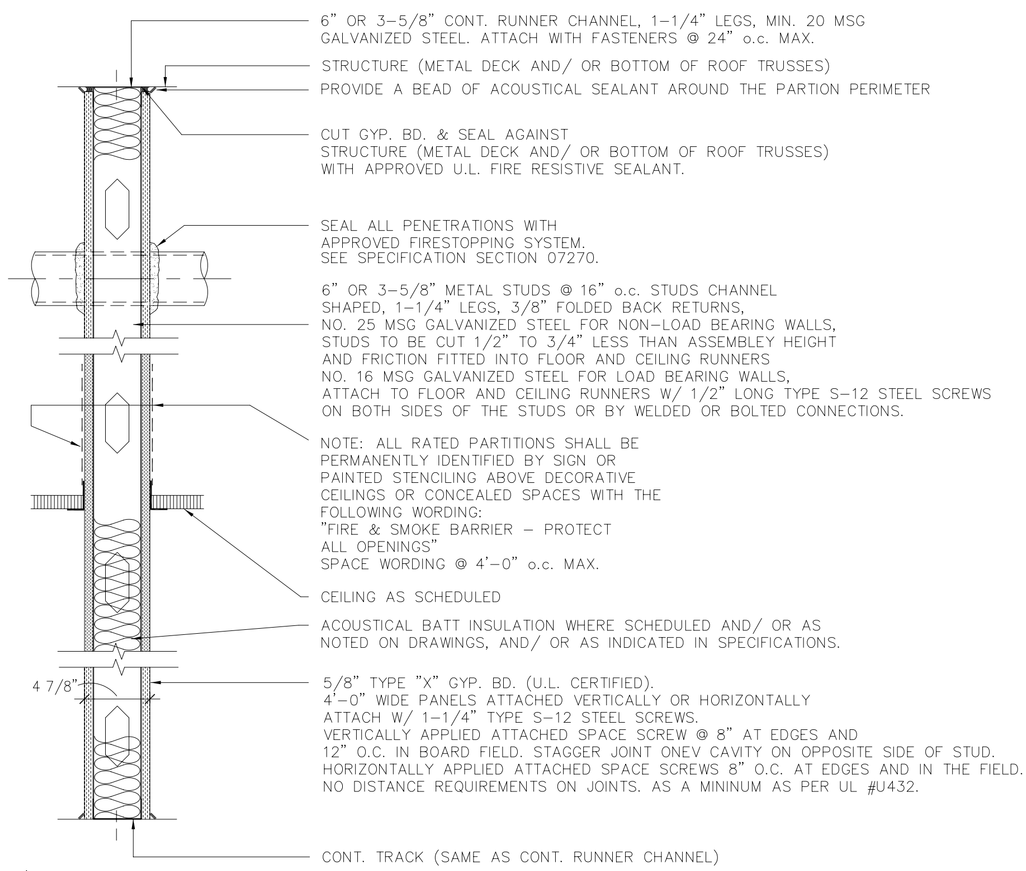
ATTIC VENTILATION CALCULATION

INTERNATIONAL BUILDING CODE
SECTION 1202.2

MINIMUM REQUIRED FREE VENTILATION AREA = 1/150 OF ATTIC AREA
ASSUME 29,800 SQ. FT. AREA X 0.0067 = 200 SQ.FT. REQUIRED
50% OF VENTILATION AREA MUST BE FOR VENTILATORS IN UPPER PORTION OF THE SPACE (I.E. RIDGE VENTS
RIDGE VENT NET FREE AREA REQUIRED = 100 SQ. FT. MINIMUM
SOFFIT VENT NET FREE AREA REQUIRED = 100 SQ.FT. MINIMUM

RATED PARTITION SCHEDULE

SCALE: 1-1/2" OR AS NOTED



1 HOUR GYPSUM BOARD PARTITION
U.L. DESIGN NO: U432 (BEARING AND NONBEARING WALLS)
OPENING PROTECTION RATING: 1 HOUR "B" OR 3/4 HOUR.

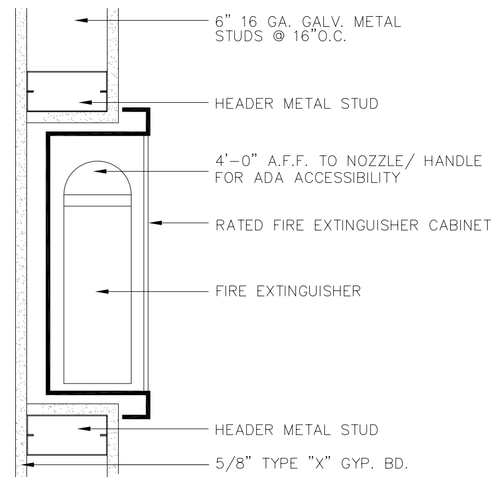
LOCATIONS: SEE LIFE SAFETY PLANS

NOTE: ALL DUCT PENETRATIONS SHALL HAVE 1 HOUR FIRE DAMPERS EXCEPT WHERE ALLOWED BY BUILDING CODE.

NOTE:

1) CONTRACTOR SHALL REFERENCE U.L. # NOTED ABOVE FOR MORE DETAILED REQUIREMENTS OF WALL CONSTRUCTION.

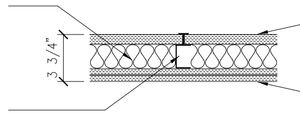
2) RATED ASSEMBLIES ARE FROM 2002 UNDERWRITERS LABORATORIES INC. DIRECTORY, FIRE RESISTANCE- VOLUME 1.



2 RECESSED FIRE EXTINGUISHER CABINET DETAIL
SCALE : N.T.S.
RE:

ACOUSTICAL INSULATION (WHERE SCHEDULED) MINERAL WOOL BATTS BEARING THE U.L. CLASSIFICATION MARKING, COMPLETELY FILLING STUD CAVITY. THERMAFIBER LLC, TYPE SAFB, OR APPROVED EQUAL

STEEL STUDS: "C-H" SHAPED STUDS, 2-1/2" WIDE BY 1-1/2" DEEP, FABRICATED FROM 20 MSG GALV. STEEL. CUT TO LENGTHS 3/8" LESS THAN FLOOR-TO-CEILING HEIGHT AND SPACED 24" o.c.



1" THICK U.L. CERTIFIED GYPSUM WALLBOARD LINER PANELS, SUPPLIED IN NOM. 24" WIDTHS. HORIZONTAL EDGES INSERTED IN "H" SHAPES SECTION OF "C-H" STUDS. FREE EDGE OF END PANELS ATTACHED TO LONG LEG OF "J" RUNNERS WITH 1-5/8" LONG TYPE S HEAD STEEL SCREWS SPACED NOT GREATER THAN 12" o.c. UNITED STATES GYPSUM CO. TYPE SLX, OR APPROVED EQUAL.

5/8" THICK, U.L. CERTIFIED 4 FT. WIDE GYPSUM WALLBOARD APPLIED HORIZONTAL AND ATTACHED TO STUDS WITH 1 INCH LONG TYPE "S" STEEL SCREWS SPACED 12 IN. O.C. ALONG THE EDGES AND IN THE FIELD OF THE BOARDS. UNITED STATES GYPSUM CO. TYPE C, FRX-G, IP-X2, WRC, OR SCX, OR APPROVED EQUAL.

3 1 HOUR GYPSUM BOARD "HORIZONTAL SHAFT WALL CEILING"
U.L. DESIGN NO: WHI-495

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Deign to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
LIFE SAFETY DATA SHEET & DETAILS
AS-BUILT

DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A7
SCALE: AS SHOWN	16 OF 108

FIRE SEPARATION REQUIREMENTS

ROOM OR AREA	REQUIRED SEPARATION	OPENING PROTECTIVE (NOTE 1)	2000 INTERNATIONAL BUILDING CODE REFERENCE	NOTES
SEPARATION BETWEEN LIVING UNITS	1/2 HR. MIN.	N/A	SECTION 708.3 EXCEPTION 2	
CORRIDORS (EXIT ACCESS)	1 HOUR	20 MIN.	TABLE 11004.3.2.1	
ELEVATORS, SHAFTS, STAIRWELLS, EXIT ENCLOSURES	1 HOUR	1 HOUR	SECTION 707.4	
STORAGE ROOM (> 100 SQ. FT.)	1 HOUR	3/4 HR. MIN.	TABLE 302.1.1	
ELEVATOR EQUIPMENT ROOMS	1 HOUR	1 HOUR	SECTION 3006.4	
MECHANICAL ROOMS W/ BOILERS OVER 15 PSI & 10 HORSEPOWER	N/R	N/R	TABLE 302.1.1	2
ELEVATOR LOBBY	N/R	N/R	SECTION 707.14.1 EXCEPTION 4	
N/A= NOT APPLICABLE N/R= NOT REQUIRED				

NOTES:
1. TABLE 714.2
2. NO RATING REQUIRED IF ROOM IS PROVIDED WITH AUTOMATIC FIRE EXTINGUISHING SYSTEM

DOOR AND FRAME SCHEDULE

DOORS							FRAMES					DOOR & FRAME		
DOOR NO.	DOOR SIZE (W X H X T)	DOOR TYPE	MATERIAL	GAUGE	FINISH	GLAZING TYPE	TYPE	MATERIAL	GAUGE	FINISH	HWD. SET	FIRE RATING	REMARKS
1	3'-0" x 7'-0" x 1 3/4",PR.	A	AL		AL	GL-2	VARIES	AL		AL	1		1
2	3'-0" x 7'-0" x 1 3/4",PR.	A	AL		AL	GL-2	F7	AL		AL	1		
3	3'-0" x 7'-0" x 1 3/4",PR.	D	WD		STAIN		F6	HM	16	PT	6	45 MIN.	
4	3'-0" x 7'-0" x 1 3/4"	B	HM	16	PT		F4	HM	16	PT	3	1 HR.	
5	3'-0" x 7'-0" x 1 3/4"	C	WD		STAIN	GL-3	F4	HM	16	PT	5	1 HR.	5
6	3'-0" x 7'-0" x 1 3/4"	D	WD		STAIN		F4	HM	16	PT	4	45 MIN.	
7	2'-4" x 7'-0" x 1 3/4",PR.	G	WD		STAIN		--	HM	16	PT	7		
8	3'-0" x 7'-0" x 1 3/4"	D	WD		STAIN		F4	HM	16	PT	8-12		4
9	3'-0" x 7'-0" x 1 3/4"	F	WD		STAIN		F3	HM	16	PT	13		
10	2'-4" x 7'-0" x 1 3/4"	G	WD		STAIN		F2	HM	16	PT	14		
11	2'-8" x 7'-0" x 1 3/4"	E	WD		STAIN		F3	HM	16	PT	14		
12	2'-0" x 7'-0" x 1 3/4",PR.	H	WD		STAIN		F5	HM	16	PT	15		
13	12'-0" x 7'-0" x 1 3/4"	J	WD		STAIN		F8	HM	16	PT	16		
14	6'-0" x 10'-0" x 1 3/4"	K	STEEL					STEEL			17		
15	3'-0" x 7'-0" x 1 3/4"	A	AL		AL	GL-2	VARIES	AL		AL	2		1
16	4'-0" x 7'-0" x 1 3/4"	L	WD		STAIN		F5	HM	16	PT	18		3
17	4'-0" x 7'-0" x 1 3/4",PR.	M	HM		STAIN		F10	HM	16	PT			

REMARKS
1. REEFER TO DOOR & WINDOW ELEVATIONS A35.
2. ALL GLAZING SHALL HAVE APPROPRIATE FIRE RATING.
3. NOT USED
4. HW- 8 (BEDROOMS)
   HW- 9 (TOILET VESTIBULES FROM LIVING ROOM/ KITCHEN AREA)
   HW- 10 (ROOM 101 AND 105)
   HW- 11 (ROOM 106)
   HW- 12 (ROOM 108 FROM CORRIDOR 103)
5. 1st FLOOR IN STAIR 117 & 162, PAINT "NO FIRE EXIT" W/ 4" HIGH LETTERS ON BACK OF DOOR.

LEGEND

- 1 HOUR RATED PARTITION, RE: 1/A7
- 1/2 HOUR RATED PARTITION, AS PER DETAIL 1/A7
- DIRECTION OF EGRESS
- EXIT SIGN, ONE SIDED
- EXIT SIGN, DOUBLE SIDED
- F.E.C. FIRE EXTINGUISHER CABINET
- (X) DOOR SYMBOL

EXIT / OCCUPANT LOAD CALCULATIONS

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
RESIDENTIAL 200 SF (GROSS) PER OCCUPANT TABLE 1003.2.2.2

OCCUPANT LOAD
FIRST FLOOR: 33,158 SQ. FT. (GROSS) / 200 SQ. FT. /OCCUPANT = 166 PERSONS
SECOND FLOOR 32,212 SQ. FT. (GROSS) / 200 SQ. FT. /OCCUPANT = 161 PERSONS
TOTAL: 65,370 SQ. FT. (GROSS) 327 PERSONS

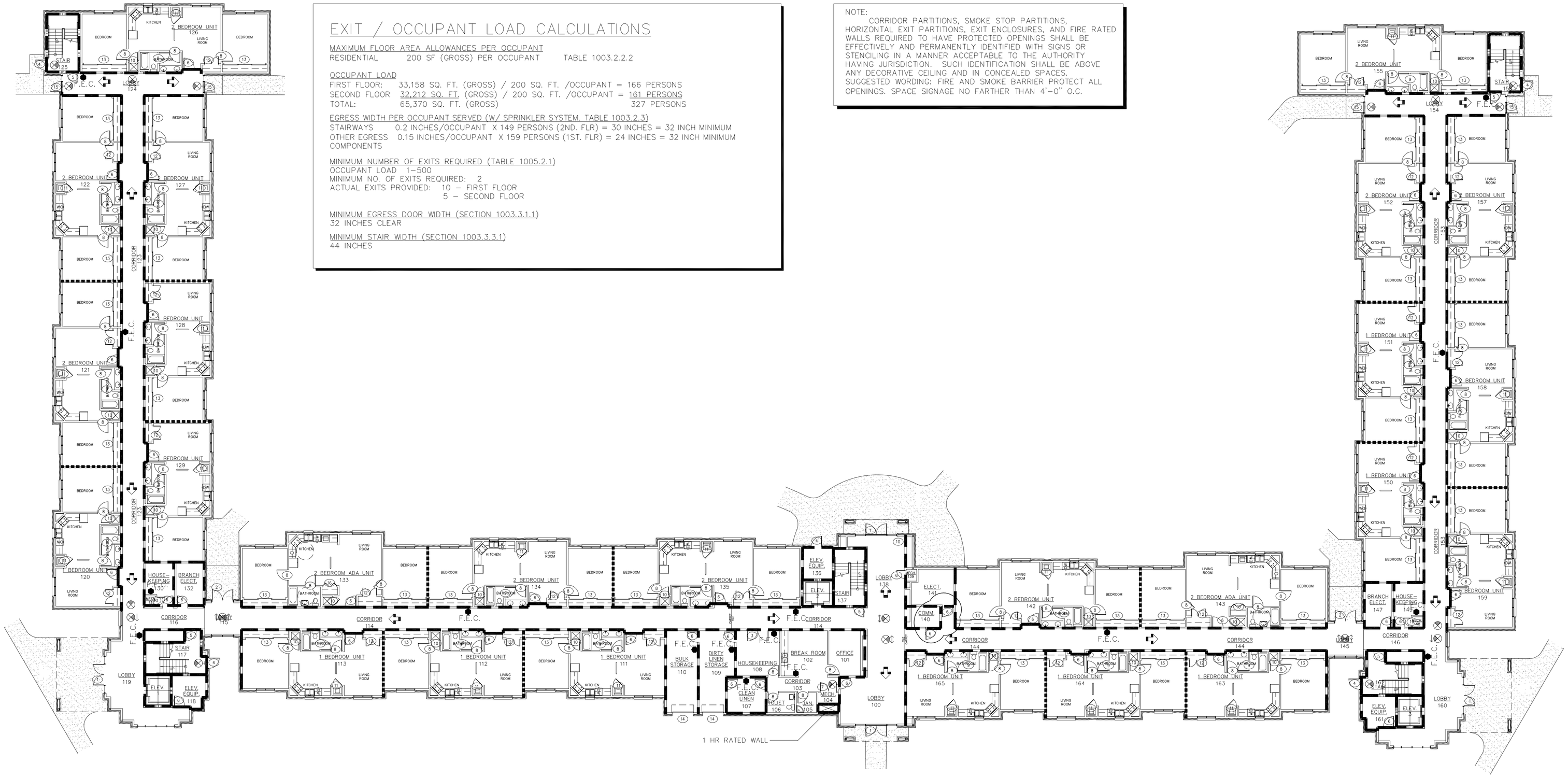
EGRESS WIDTH PER OCCUPANT SERVED (W/ SPRINKLER SYSTEM, TABLE 1003.2.3)
STAIRWAYS 0.2 INCHES/OCCUPANT X 149 PERSONS (2ND. FLR) = 30 INCHES = 32 INCH MINIMUM
OTHER EGRESS COMPONENTS 0.15 INCHES/OCCUPANT X 159 PERSONS (1ST. FLR) = 24 INCHES = 32 INCH MINIMUM

MINIMUM NUMBER OF EXITS REQUIRED (TABLE 1005.2.1)
OCCUPANT LOAD 1-500
MINIMUM NO. OF EXITS REQUIRED: 2
ACTUAL EXITS PROVIDED: 10 - FIRST FLOOR
5 - SECOND FLOOR

MINIMUM EGRESS DOOR WIDTH (SECTION 1003.3.1.1)
32 INCHES CLEAR

MINIMUM STAIR WIDTH (SECTION 1003.3.3.1)
44 INCHES

NOTE:
CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING: FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS. SPACE SIGNAGE NO FARTHER THAN 4'-0" O.C.



1 FIRST FLOOR LIFE SAFETY PLAN
SCALE :1/16"=1'-0" FIRST FLOOR 33,158 SQ.FT.
RE :
0' 5' 10' 20' 40'
NORTH

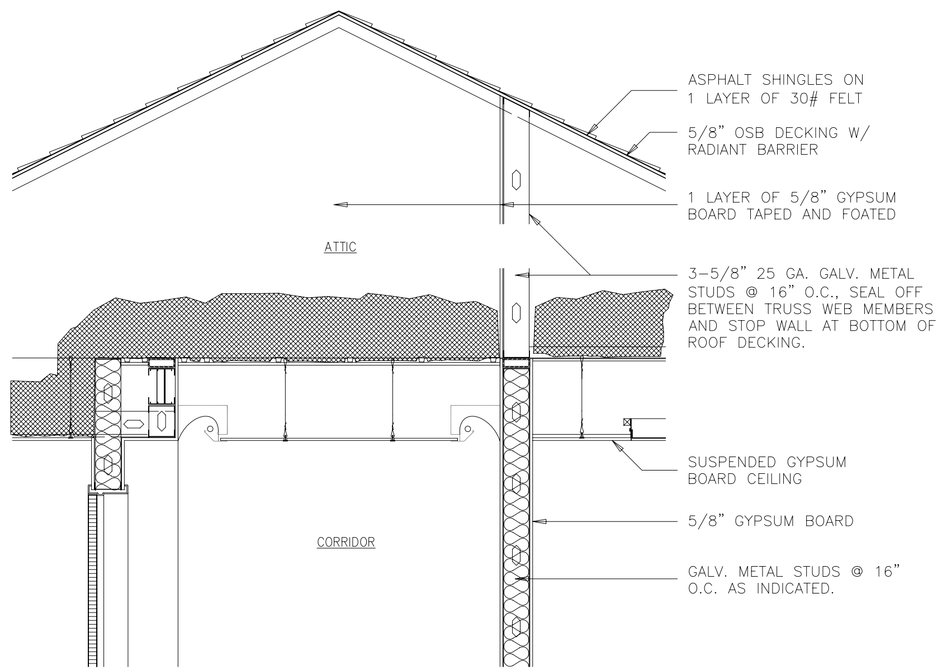
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Wall and Door locations Changed from Design			

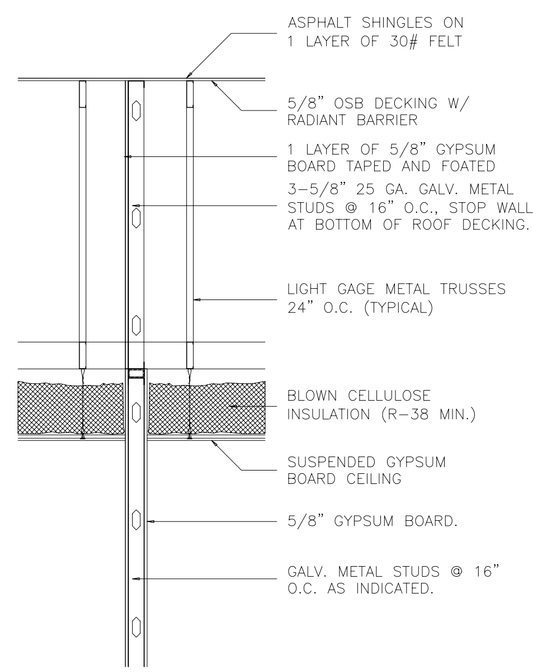
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
FIRST FLOOR
LIFE SAFETY PLAN
AS-BUILT

DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A8 17 OF 108
SCALE: 1/16" = 1'-0"	



3 DRAFT STOPPING SECTION
SCALE :3/4"=1'-0"
RE :
0' 1' 2' 4'



2 DRAFT STOPPING SECTION
SCALE :3/4"=1'-0"
RE :
0' 1' 2' 4'

DOOR AND FRAME SCHEDULE

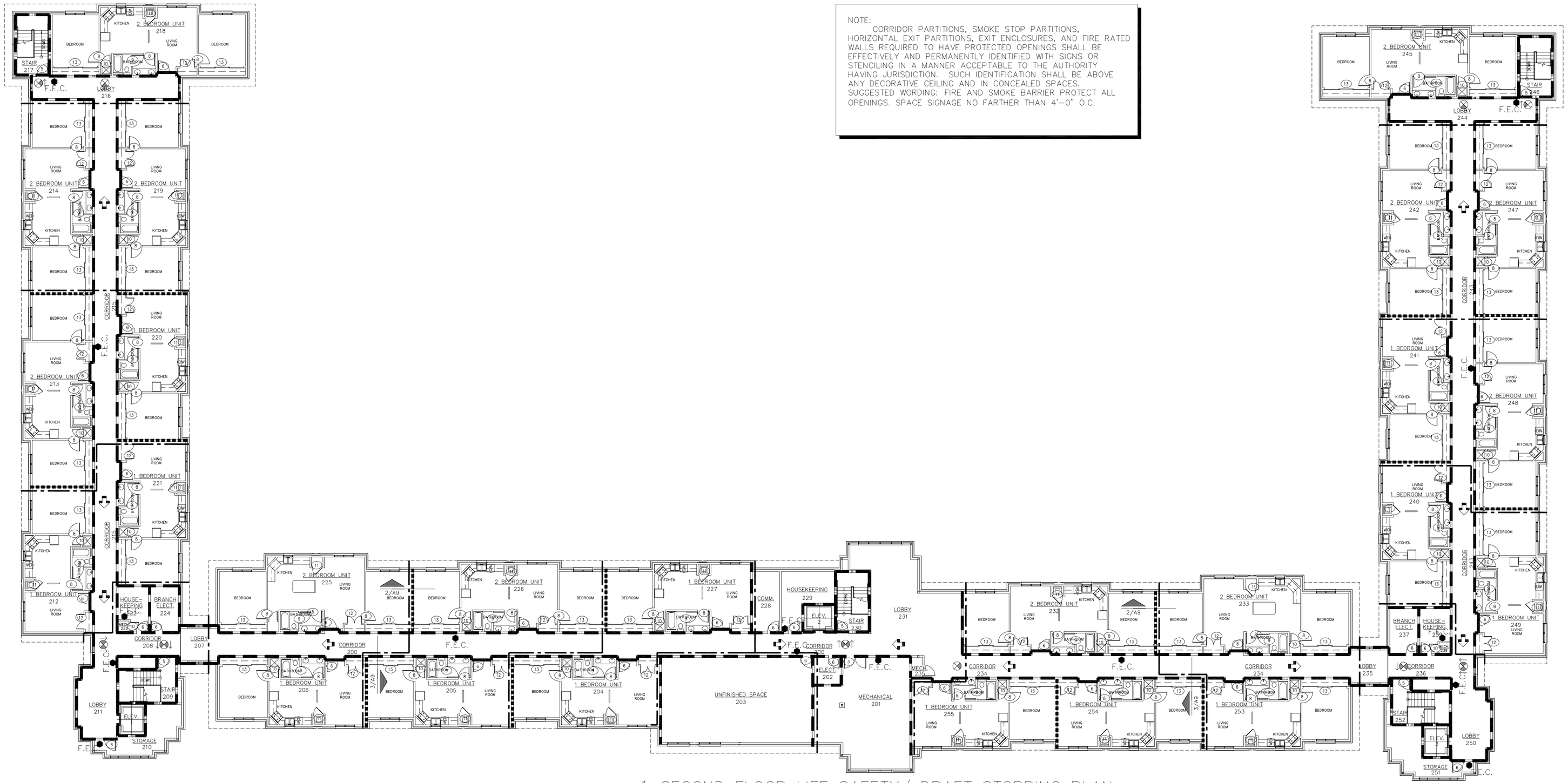
DOORS								FRAMES				DOOR & FRAME		
DOOR NO.	DOOR SIZE (W x H x T)	DOOR TYPE	MATERIAL	GAUGE	FINISH	GLAZING TYPE	TYPE	MATERIAL	GAUGE	FINISH	HWD. SET	FIRE RATING	REMARKS
1	3'-0" x 7'-0" x 1 3/4" PR.	A	AL		AL	GL-2	VARIES	AL		AL	1		1
2	3'-0" x 7'-0" x 1 3/4" PR.	A	AL		AL	GL-2	F7	AL		AL	1		
3	3'-0" x 7'-0" x 1 3/4" PR.	D	WD		STAIN		F6	HM	16	PT	6	45 MIN.	
4	3'-0" x 7'-0" x 1 3/4"	B	HM	16	PT		F4	HM	16	PT	3	1 HR.	
5	3'-0" x 7'-0" x 1 3/4"	C	WD		STAIN	GL-3	F4	HM	16	PT	5	1 HR.	5
6	3'-0" x 7'-0" x 1 3/4"	D	WD		STAIN		F4	HM	16	PT	4	45 MIN.	
7	2'-4" x 7'-0" x 1 3/4" PR.	G	WD		STAIN		—	HM	16	PT	7		
8	3'-0" x 7'-0" x 1 3/4"	D	WD		STAIN		F4	HM	16	PT	8-12		4
9	3'-0" x 7'-0" x 1 3/4"	F	WD		STAIN		F3	HM	16	PT	13		
10	2'-4" x 7'-0" x 1 3/4"	G	WD		STAIN		F2	HM	16	PT	14		
11	2'-8" x 7'-0" x 1 3/4"	E	WD		STAIN		F3	HM	16	PT	14		
12	2'-0" x 7'-0" x 1 3/4" PR.	H	WD		STAIN		F5	HM	16	PT	15		
13	12'-0" x 7'-0" x 1 3/4"	J	WD		STAIN		F8	HM	16	PT	16		
14	6'-0" x 10'-0" x 1 3/4"	K	STEEL					STEEL			17		
15	3'-0" x 7'-0" x 1 3/4"	A	AL		AL	GL-2	VARIES	AL		AL	2		1

REMARKS
1. REEFER TO DOOR & WINDOW ELEVATIONS A35.
2. ALL GLAZING SHALL HAVE APPROPRIATE FIRE RATING.
3. NOT USED
4. HW- 8 (BEDROOMS)
   HW- 9 (TOILET VESTIBULES FROM LIVING ROOM/ KITCHEN AREA)
   HW- 10 (ROOM 101 AND 105)
   HW- 11 (ROOM 106)
   HW- 12 (ROOM 108 FROM CORRIDOR 103)
5. 1st FLOOR IN STAIR 117 & 162, PAINT "NO FIRE EXIT" W/ 4" HIGH LETTERS ON BACK OF DOOR.

NOTE:
CORRIDOR PARTITIONS, SMOKE STOP PARTITIONS, HORIZONTAL EXIT PARTITIONS, EXIT ENCLOSURES, AND FIRE RATED WALLS REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN A MANNER ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. SUCH IDENTIFICATION SHALL BE ABOVE ANY DECORATIVE CEILING AND IN CONCEALED SPACES. SUGGESTED WORDING: FIRE AND SMOKE BARRIER PROTECT ALL OPENINGS. SPACE SIGNAGE NO FARTHER THAN 4'-0" O.C.

LEGEND

- 1 HOUR RATED PARTITION, RE: 1/A7
- 1/2 HOUR RATED PARTITION, AS PER DETAIL 1/A7
- DIRECTION OF EGRESS
- EXIT SIGN, ONE SIDED
- EXIT SIGN, DOUBLE SIDED
- F.E.C. FIRE EXTINGUISHER CABINET
- (X) DOOR SYMBOL



1 SECOND FLOOR LIFE SAFETY/ DRAFT STOPPING PLAN
SCALE :1/16"=1'-0"
RE :
0' 5' 10' 20' 40'
SECOND FLOOR 32,212 SQ.FT.
NORTH

AIR EDUCATION & TRAINING COMMAND

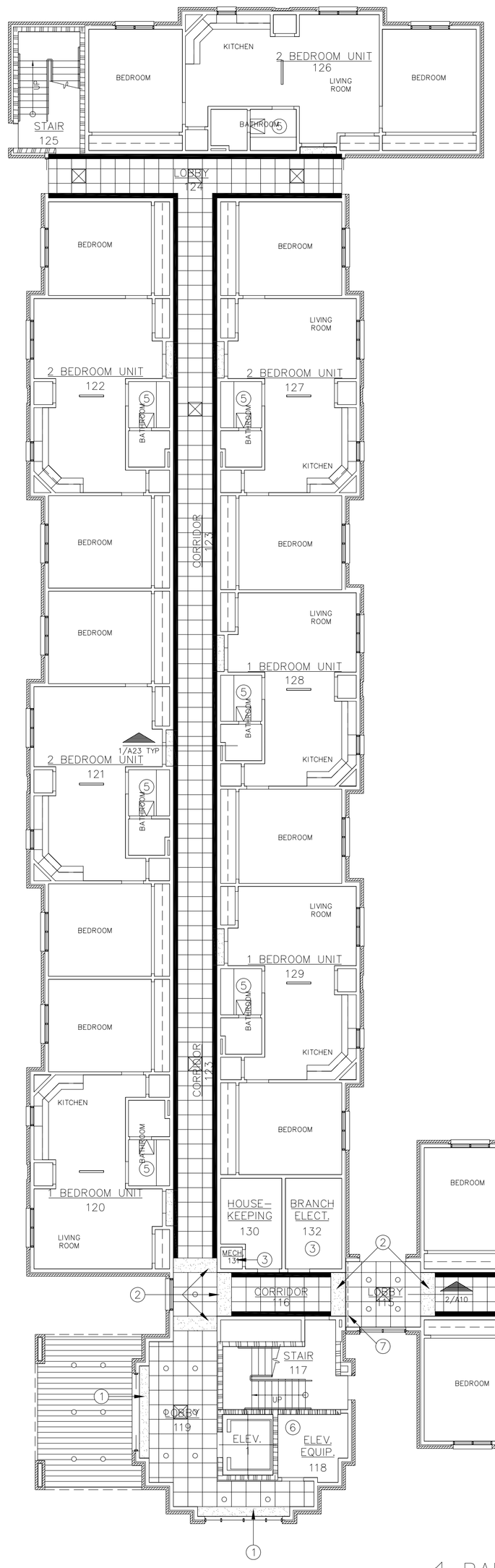
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Deign to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
SECOND FLOOR
LIFE SAFETY PALN
AS-BUILT

DRAWN BY JB	LEAD DESIGNER BG
TECH REVIEWER	FILE LOCATION
DESIGNED BY BG	PROJECT NUMBER NKAK02-5001
DATE 28 MAY 2002	SHEET A9
SCALE 1/16" = 1'-0"	18 OF 108

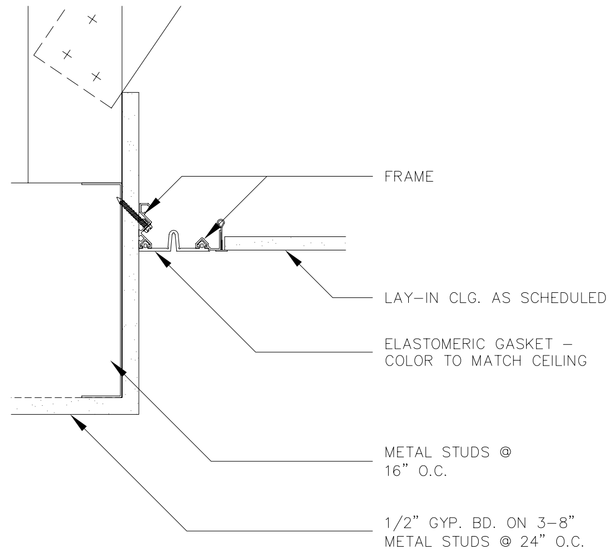


1 PARTIAL FIRST FLOOR REFLECTED CEILING PLAN – EAST WING

SCALE : 3/32"=1'-0"
RE :

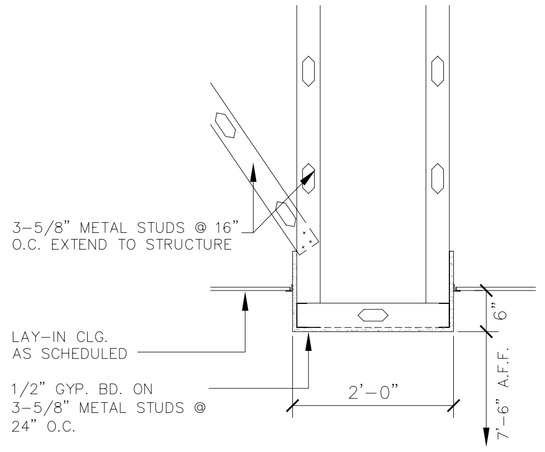
0' 5' 10' 20' 40'

NORTH



3 CEILING EXPASION JOINT DETAIL

SCALE : 3/4" = 1'-0"
RE : 1/A10, 1/A11, 1/A12, & 1/A13



2 DETAIL AT FURR DOWN

SCALE : 3/4" = 1'-0"
RE : 1/A10, 1/A11, 1/A12, & 1/A13

SYMBOL LEGEND

- 2x4 FLOURESCENT LIGHT
- 1x4 FLOURESCENT LIGHT
- CONTINUOUS RECESSED FLOURESCENT LIGHT ALONG BOTH SIDES OF CORRIDOR RE: 1/A23, 1/E2, 1/E3, 1/E5, & 1/E6
- RECESSED CAN LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- INTERIOR GYPSUM BOARD
- PRE-FINISHED ALUMINUM VENTED SOFFIT PANEL
- 2'-0"x2'-0" SUSPENDED ACOUSTICAL TILE
- ACCESS PANEL 2'-0"x2'-0"

GENERAL NOTES

A. REFER TO MECHANICAL & ELECTRICAL PLANS FOR DIFFUSER & LIGHT LAYOUT IN GYPSUM BOARD CEILINGS.

B. ALL CEILING HEIGHTS SHALL BE 8'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED, SEE FINISH SCHEDULE A27.

C. ALL ROOMS NOT SHOWN TO HAVE ACOUSTICAL TILE CEILINGS SHALL HAVE GYPSUM BOARD CEILINGS, UNLESS NOTED OTHERWISE.

D. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE THE EXCAT LOCATION OF ALL SEAMLESS CEILING ACCESS PANELS TO PROVIDE ACCESS TO CHANGE THE ERU OR EF UNIT'S FILTER.

E. ALL SEAMLESS CEILING ACCESS PANELS SHALL BE PAINTED TO MATCH GYPSUM BOARD CEILING.

KEY NOTES

1. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-4" A.F.F.
2. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-6" A.F.F.
3. NO CEILING
4. ATTACH GYPSUM BOARD CEILING DIRECTLY TO TRUSSES IN THIS ROOM, SECOND FLOOR.
5. PROVIDE TWO CEILINGS IN ALL ROOMS ON THE 2nd FLOOR WHICH ARE SHOWN TO HAVE CEILING ACCESS PANELS. THE UPPER CEILING SHALL BE ATTACHED TO THE BOTTOM CHORD OF THE TRUSS. THE LOWER CEILING SHALL BE SUSPENDED @ 7'-11" A.F.F. THIS WILL CREATE A CAVITY FOR THE INSTALLATION OF MECHANICAL EQUIPMENT, RE: 1/A23.
6. HORIZONTAL SHAFT WALL CEILING APPLIED TO THE BOTTOM OF JOISTS, RE: 3/A7.
7. DASHED LINE INDICATES CEILING EXPANSION JOINT, RE: 3/A10.

KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Key Note 5 lower ceiling height changed from 8'-0" to 7'-11"			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR REFLECTED CEILING PLAN

AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A10
SCALE: 3/32"=1'-0"	19 OF 108

SYMBOL LEGEND

- 2x4 FLOURESCENT LIGHT
- 1x4 FLOURESCENT LIGHT
- CONTINUOUS RECESSED FLOURESCENT LIGHT ALONG BOTH SIDES OF CORRIDOR RE: 1/A23, 1/E2, 1/E3, 1/E5, & 1/E6
- RECESSED CAN LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- INTERIOR GYPSUM BOARD
- PRE-FINISHED ALUMINUM VENTED SOFFIT PANEL
- 2'-0"x2'-0" SUSPENDED ACOUSTICAL TILE
- ACCESS PANEL 2'-0"x2'-0"

GENERAL NOTES

A. REFER TO MECHANICAL & ELECTRICAL PLANS FOR DIFFUSER & LIGHT LAYOUT IN GYPSUM BOARD CEILINGS.

B. ALL CEILING HEIGHTS SHALL BE 8'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED, SEE FINISH SCHEDULE A27.

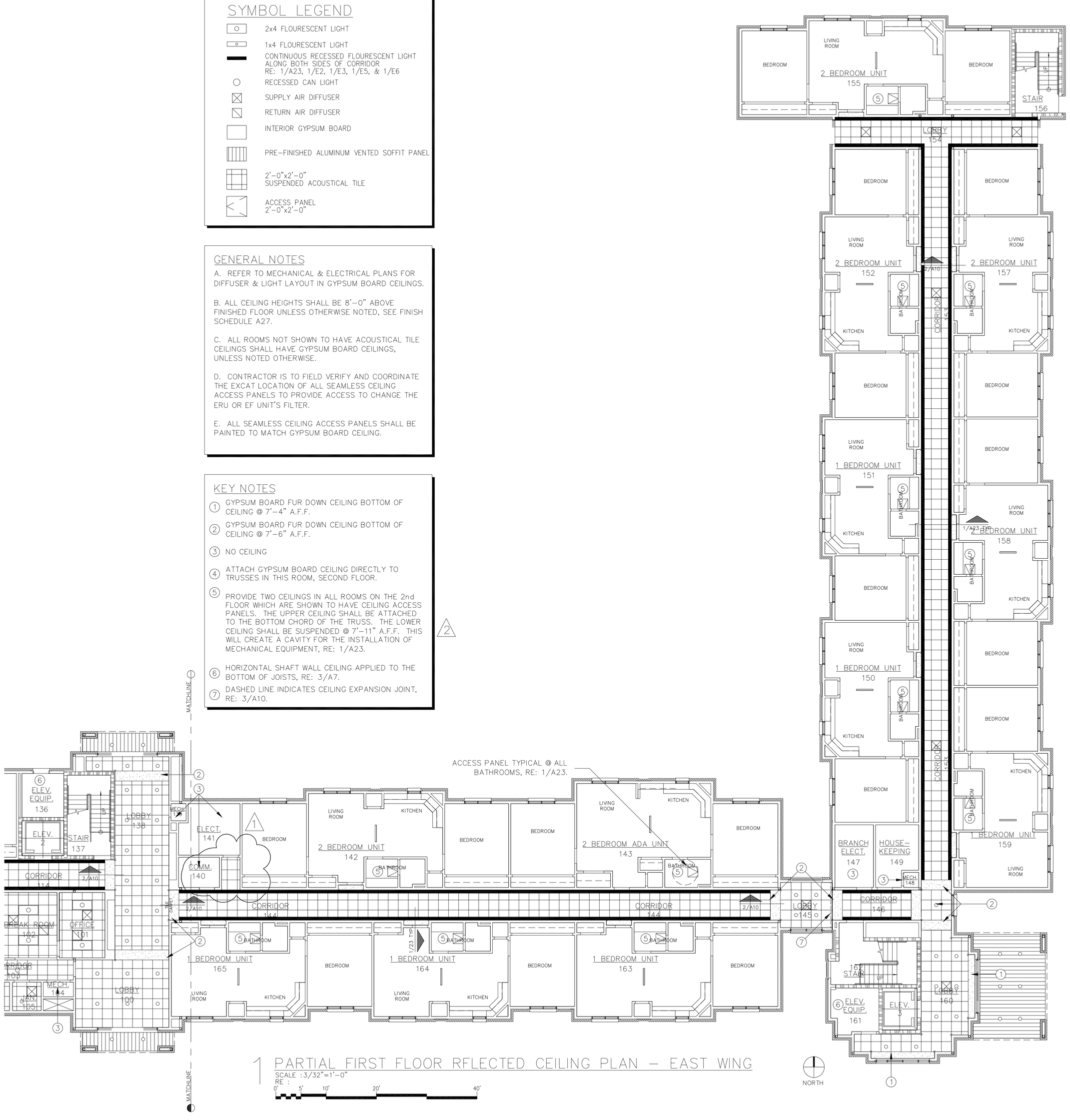
C. ALL ROOMS NOT SHOWN TO HAVE ACOUSTICAL TILE CEILINGS SHALL HAVE GYPSUM BOARD CEILINGS, UNLESS NOTED OTHERWISE.

D. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE THE EXCAT LOCATION OF ALL SEAMLESS CEILING ACCESS PANELS TO PROVIDE ACCESS TO CHANGE THE ERU OR EF UNIT'S FILTER.

E. ALL SEAMLESS CEILING ACCESS PANELS SHALL BE PAINTED TO MATCH GYPSUM BOARD CEILING.

KEY NOTES

1. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-4" A.F.F.
2. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-6" A.F.F.
3. NO CEILING
4. ATTACH GYPSUM BOARD CEILING DIRECTLY TO TRUSSES IN THIS ROOM, SECOND FLOOR.
5. PROVIDE TWO CEILINGS IN ALL ROOMS ON THE 2nd FLOOR WHICH ARE SHOWN TO HAVE CEILING ACCESS PANELS. THE UPPER CEILING SHALL BE ATTACHED TO THE BOTTOM CHORD OF THE TRUSS. THE LOWER CEILING SHALL BE SUSPENDED @ 7'-11" A.F.F. THIS WILL CREATE A CAVITY FOR THE INSTALLATION OF MECHANICAL EQUIPMENT, RE: 1/A23.
6. HORIZONTAL SHAFT WALL CEILING APPLIED TO THE BOTTOM OF JOISTS, RE: 3/A7.
7. DASHED LINE INDICATES CEILING EXPANSION JOINT, RE: 3/A10.



1 PARTIAL FIRST FLOOR RFLECTED CEILING PLAN – EAST WING

SCALE :3/32"=1'-0"
RE: 1/A23

0' 5' 10' 20' 40'

KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
2	Key Note 5 lower ceiling height changed from 8'-0" to 7'-11"			
1	Wall, Door and Ceiling Changes from Design			

PROJECT TITLE

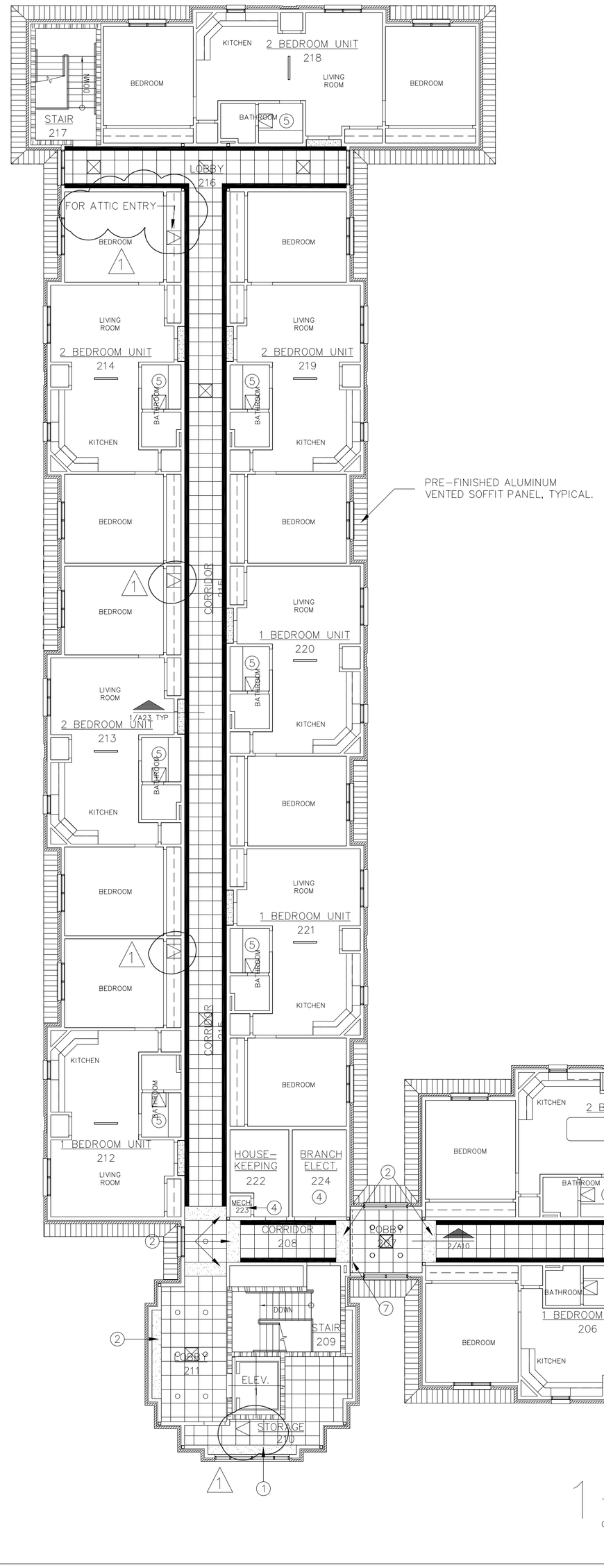
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR RELFECTED CEILING PLAN

AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A11
SCALE: 3/32"=1'-0"	20 OF 108



1 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN – WEST WING

SCALE :3/32"=1'-0"
RE :

0' 5' 10' 20' 40'

NORTH

SYMBOL LEGEND

- 2x4 FLOURESCENT LIGHT
- 1x4 FLOURESCENT LIGHT
- CONTINUOUS RECESSED FLOURESCENT LIGHT ALONG BOTH SIDES OF CORRIDOR RE: 1/A23, 1/E2, 1/E3, 1/E5, & 1/E6
- RECESSED CAN LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- INTERIOR GYPSUM BOARD
- PRE-FINISHED ALUMINUM VENTED SOFFIT PANEL
- 2'-0"x2'-0" SUSPENDED ACOUSTICAL TILE
- ACCESS PANEL 2'-0"x2'-0"

GENERAL NOTES

A. REFER TO MECHANICAL & ELECTRICAL PLANS FOR DIFFUSER & LIGHT LAYOUT IN GYPSUM BOARD CEILINGS.

B. ALL CEILING HEIGHTS SHALL BE 8'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED, SEE FINISH SCHEDULE A27.

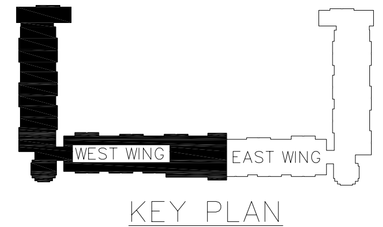
C. ALL ROOMS NOT SHOWN TO HAVE ACOUSTICAL TILE CEILINGS SHALL HAVE GYPSUM BOARD CEILINGS, UNLESS NOTED OTHERWISE.

D. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE THE EXCAT LOCATION OF ALL SEAMLESS CEILING ACCESS PANELS TO PROVIDE ACCESS TO CHANGE THE ERU OR EF UNIT'S FILTER.

E. ALL SEAMLESS CEILING ACCESS PANELS SHALL BE PAINTED TO MATCH GYPSUM BOARD CEILING.

KEY NOTES

1. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-4" A.F.F.
2. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-6" A.F.F.
3. NO CEILING
4. ATTACH GYPSUM BOARD CEILING DIRECTLY TO TRUSSES IN THIS ROOM, SECOND FLOOR.
5. PROVIDE TWO CEILINGS IN ALL ROOMS ON THE 2nd FLOOR WHICH ARE SHOWN TO HAVE CEILING ACCESS PANELS. THE UPPER CEILING SHALL BE ATTACHED TO THE BOTTOM CHORD OF THE TRUSS. THE LOWER CEILING SHALL BE SUSPENDED @ 7'-11" A.F.F. THIS WILL CREATE A CAVITY FOR THE INSTALLATION OF MECHANICAL EQUIPMENT, RE: 1/A23.
6. HORIZONTAL SHAFT WALL CEILING APPLIED TO THE BOTTOM OF JOISTS, RE: 3/A7.
7. DASHED LINE INDICATES CEILING EXPANSION JOINT, RE: 3/A10.



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
2	Key Note 5 lower ceiling height changed from 8'-0" to 7'-11"			
1	Attic Access Panels added in noted locations			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR REFLECTED CEILING PLAN

AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A12
SCALE: 3/32"=1'-0"	21 OF 108

SYMBOL LEGEND

- 2x4 FLOURESCENT LIGHT
- 1x4 FLOURESCENT LIGHT
- CONTINUOUS RECESSED FLOURESCENT LIGHT ALONG BOTH SIDES OF CORRIDOR RE: 1/A23, 1/E2, 1/E3, 1/E5, & 1/E6
- RECESSED CAN LIGHT
- SUPPLY AIR DIFFUSER
- RETURN AIR DIFFUSER
- INTERIOR GYPSUM BOARD
- PRE-FINISHED ALUMINUM VENTED SOFFIT PANEL
- 2'-0"x2'-0" SUSPENDED ACOUSTICAL TILE
- ACCESS PANEL 2'-0"x2'-0"

GENERAL NOTES

A. REFER TO MECHANICAL & ELECTRICAL PLANS FOR DIFFUSER & LIGHT LAYOUT IN GYPSUM BOARD CEILINGS.

B. ALL CEILING HEIGHTS SHALL BE 8'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED, SEE FINISH SCHEDULE A27.

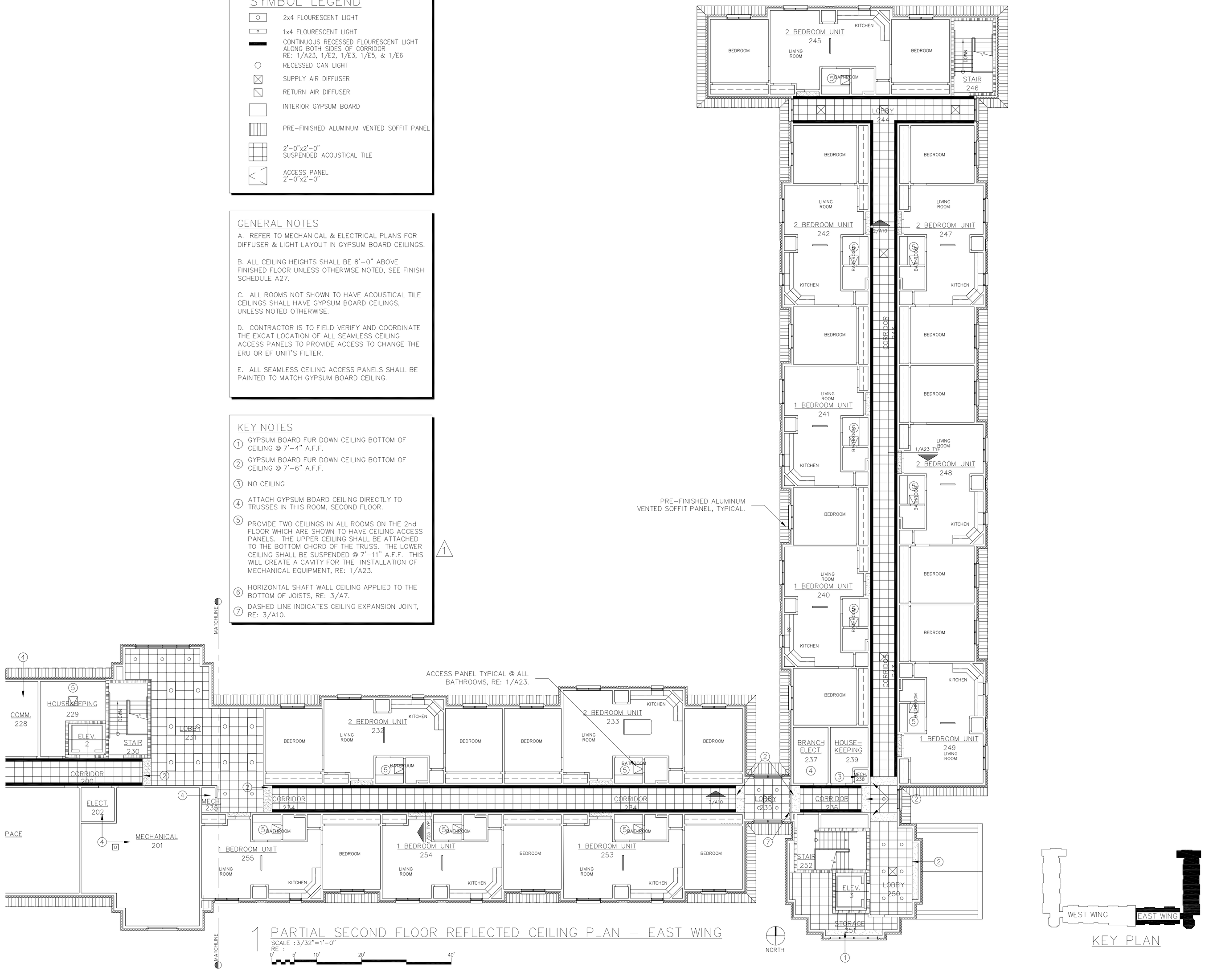
C. ALL ROOMS NOT SHOWN TO HAVE ACOUSTICAL TILE CEILINGS SHALL HAVE GYPSUM BOARD CEILINGS, UNLESS NOTED OTHERWISE.

D. CONTRACTOR IS TO FIELD VERIFY AND COORDINATE THE EXCAT LOCATION OF ALL SEAMLESS CEILING ACCESS PANELS TO PROVIDE ACCESS TO CHANGE THE ERU OR EF UNIT'S FILTER.

E. ALL SEAMLESS CEILING ACCESS PANELS SHALL BE PAINTED TO MATCH GYPSUM BOARD CEILING.

KEY NOTES

1. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-4" A.F.F.
2. GYPSUM BOARD FUR DOWN CEILING BOTTOM OF CEILING @ 7'-6" A.F.F.
3. NO CEILING
4. ATTACH GYPSUM BOARD CEILING DIRECTLY TO TRUSSES IN THIS ROOM, SECOND FLOOR.
5. PROVIDE TWO CEILINGS IN ALL ROOMS ON THE 2nd FLOOR WHICH ARE SHOWN TO HAVE CEILING ACCESS PANELS. THE UPPER CEILING SHALL BE ATTACHED TO THE BOTTOM CHORD OF THE TRUSS. THE LOWER CEILING SHALL BE SUSPENDED @ 7'-11" A.F.F. THIS WILL CREATE A CAVITY FOR THE INSTALLATION OF MECHANICAL EQUIPMENT, RE: 1/A23.
6. HORIZONTAL SHAFT WALL CEILING APPLIED TO THE BOTTOM OF JOISTS, RE: 3/A7.
7. DASHED LINE INDICATES CEILING EXPANSION JOINT, RE: 3/A10.



1 PARTIAL SECOND FLOOR REFLECTED CEILING PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'

KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Key Note 5 lower ceiling height changed from 8'-0" to 7'-11"			

PROJECT TITLE

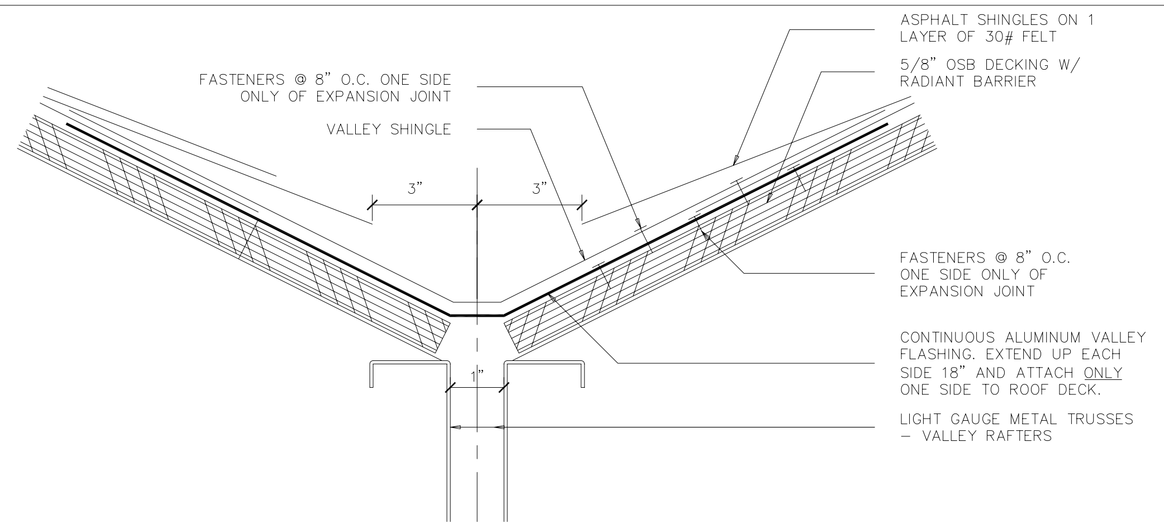
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR REFLECTED CEILING PLAN

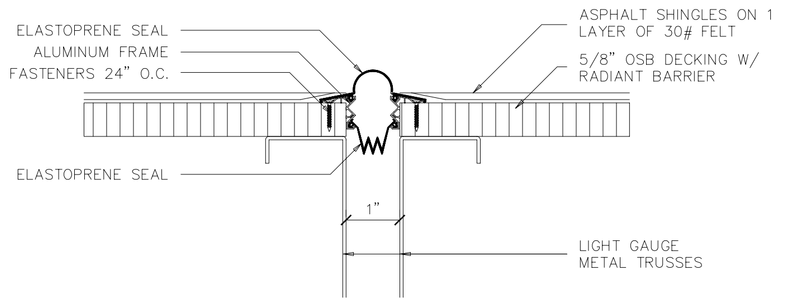
AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A13
SCALE: 3/32"=1'-0"	22 OF 108



5 EXPANSION JOINT DETAIL ROOF – ROOF (VALLEY)

SCALE : NOT TO SCALE
RE :

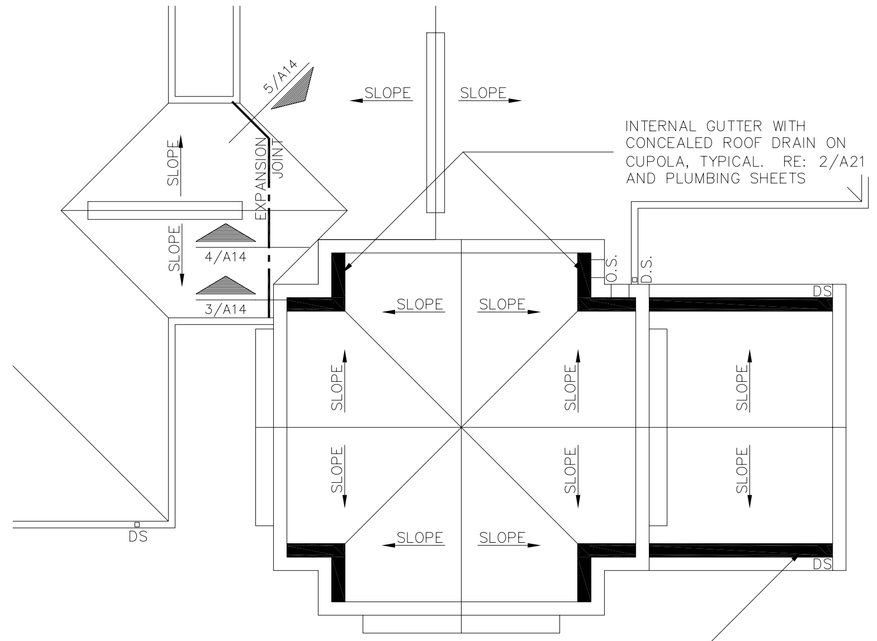


4 EXPANSION JOINT DETAIL ROOF – ROOF

SCALE : NOT TO SCALE
RE :

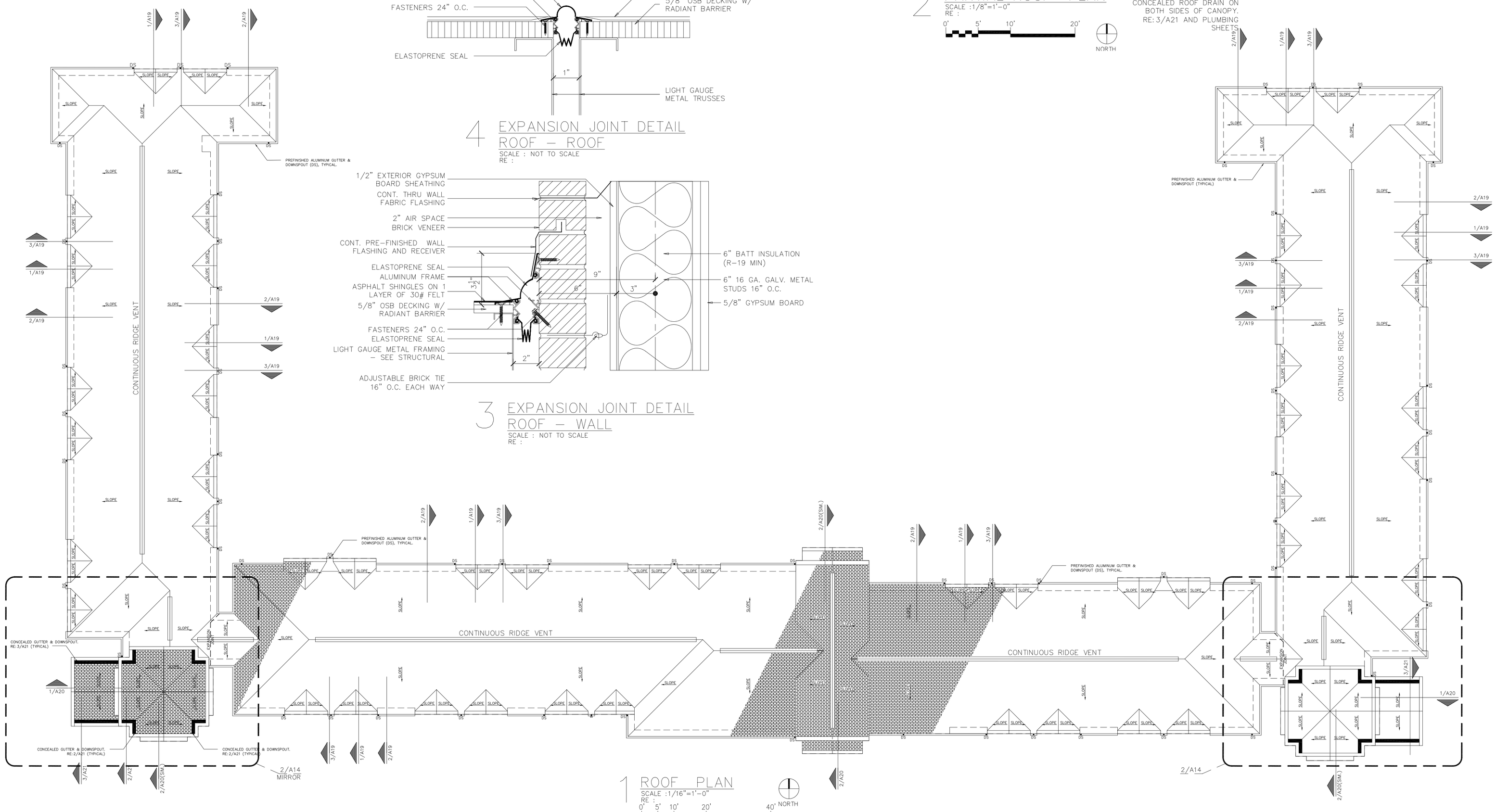
3 EXPANSION JOINT DETAIL ROOF – WALL

SCALE : NOT TO SCALE
RE :



2 PARTIAL ROOF PLAN

SCALE :1/8"=1'-0"
RE :
0' 5' 10' 20'
NORTH



1 ROOF PLAN

SCALE :1/16"=1'-0"
RE :
0' 5' 10' 20' 40'
NORTH

AIR EDUCATION & TRAINING COMMAND

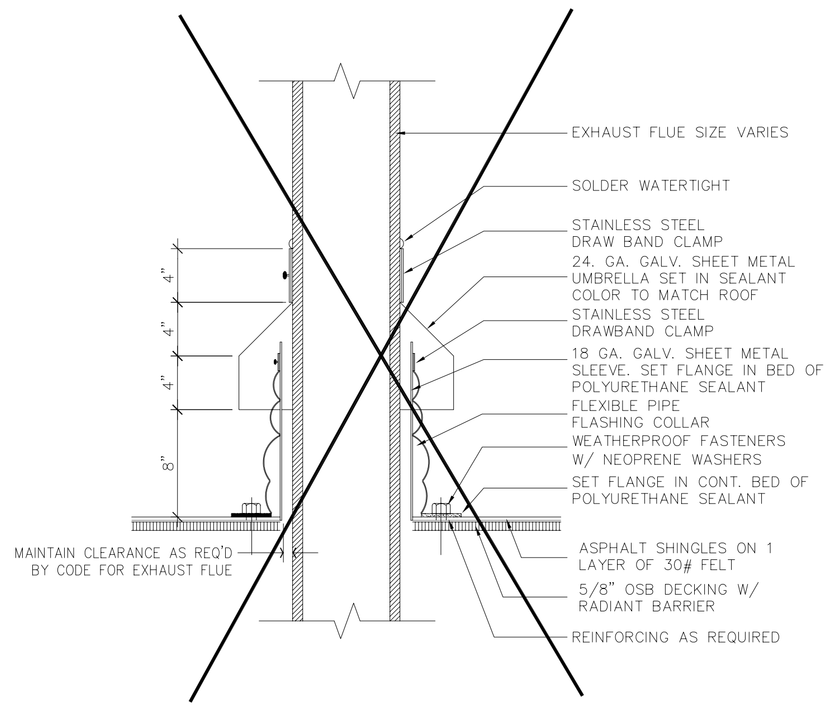
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to AS-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

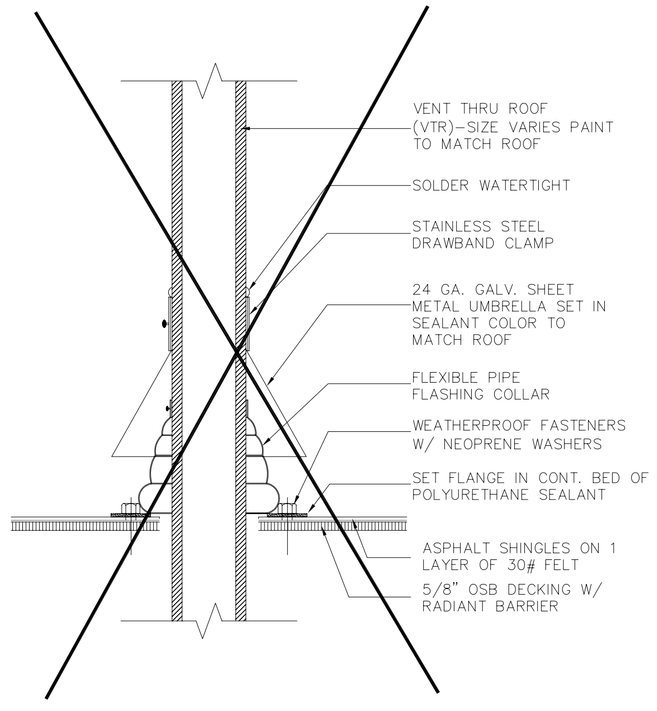
SHEET TITLE
ROOF PLAN
AS-BUILT

DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A14
SCALE: 1/16"=1'-0"	23 OF 108

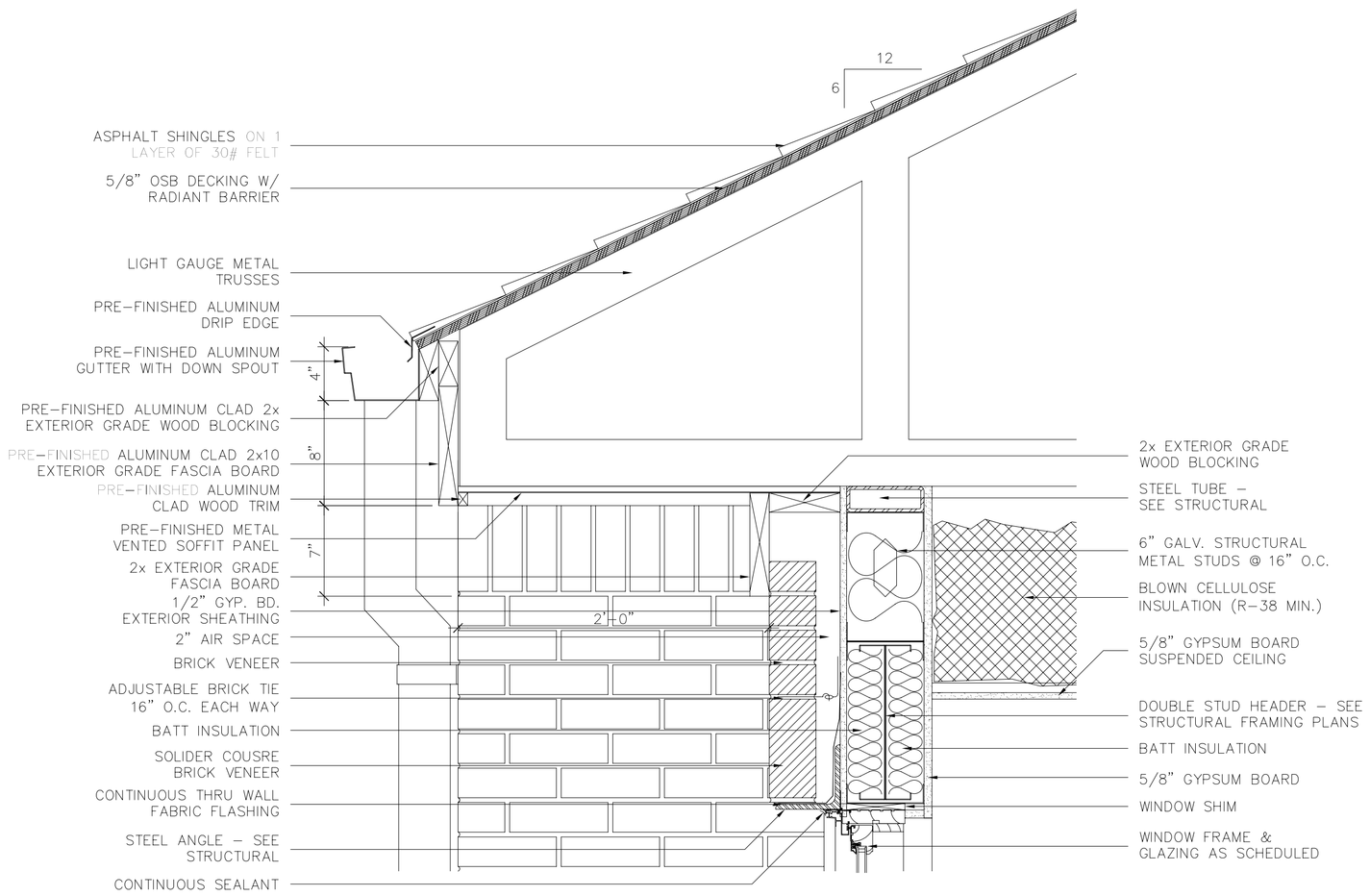


6 DETAIL AT EXHAUST FLUE
SCALE : 1-1/2"=1'-0"
RE : 1/A7.1
0' 6" 1' 2'

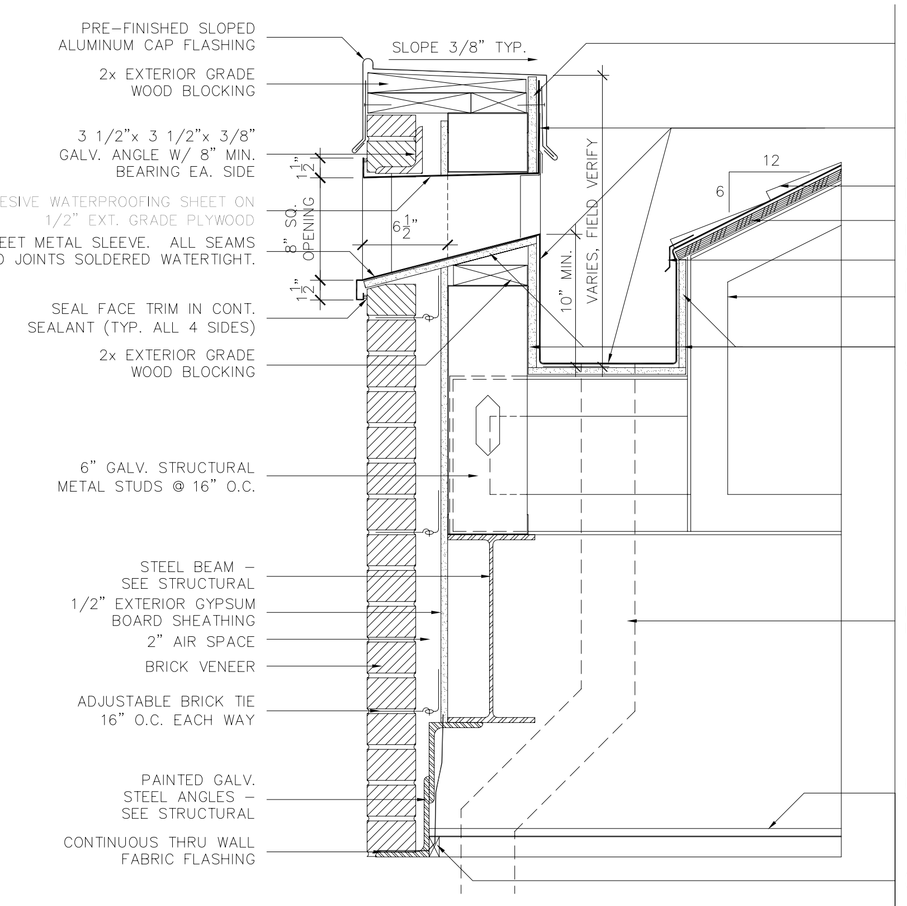
1 LEAD BOOT AS REQUIRED



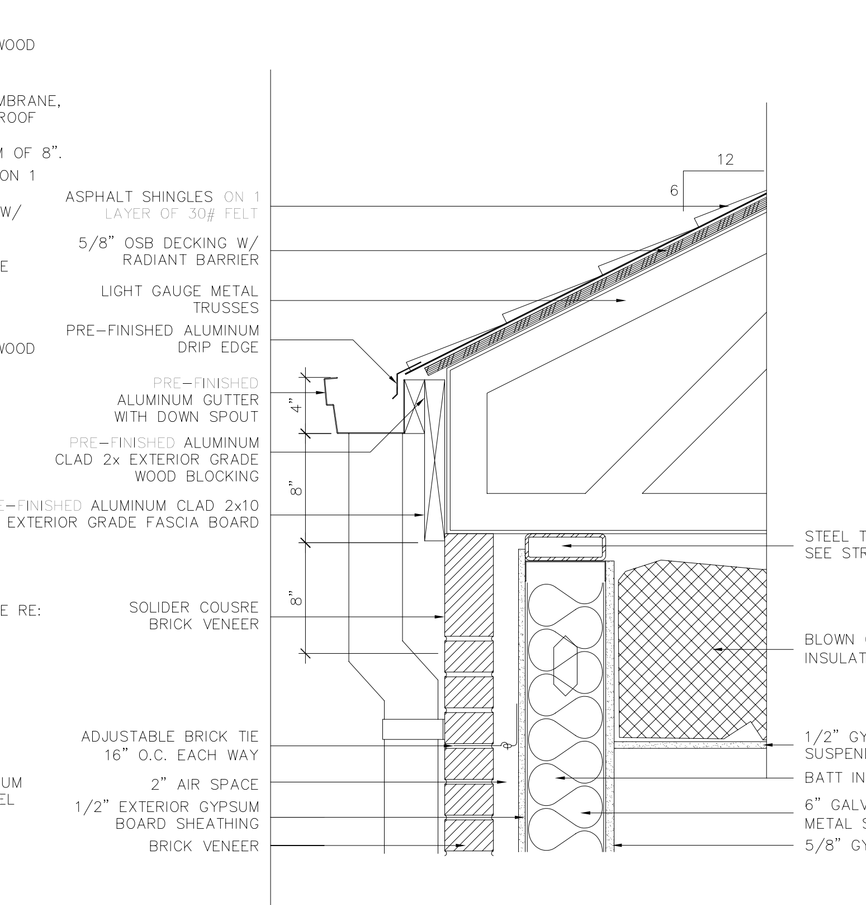
5 DETAIL AT VENT THRU ROOF
SCALE : 1-1/2"=1'-0"
RE : 1/A7.1
0' 6" 1' 2'



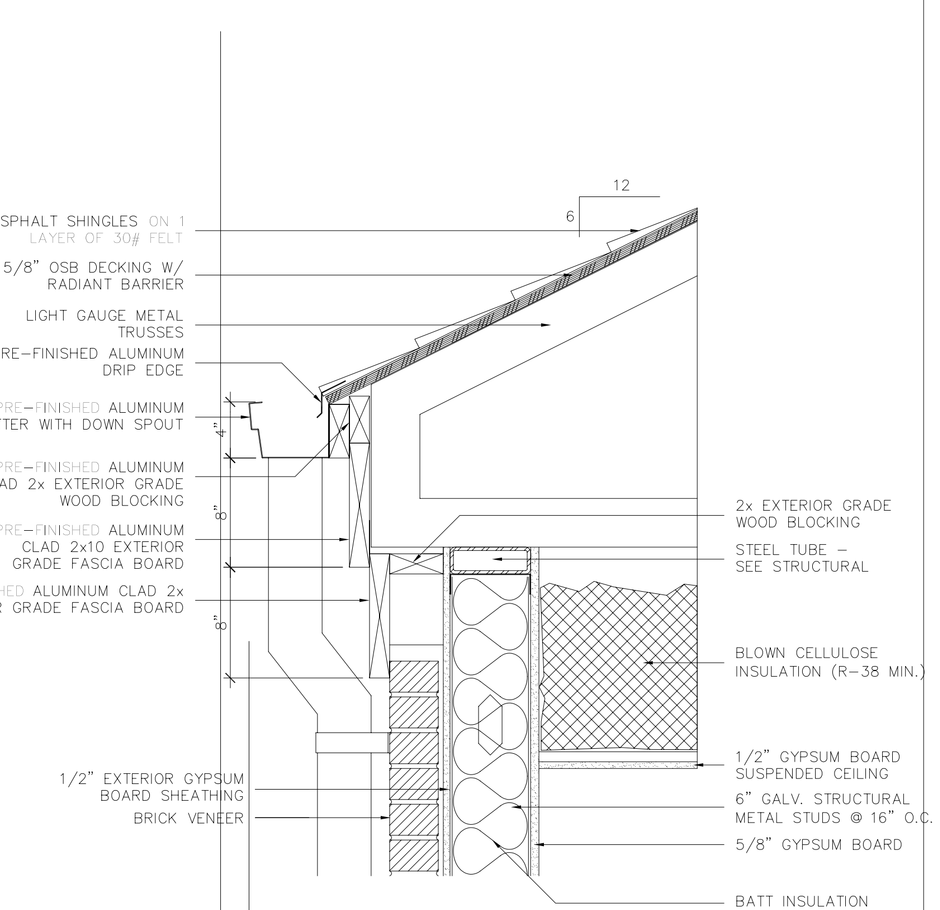
4 ROOF DETAIL
SCALE :1-1/2"=1'-0"
RE :2/A19 & 1/A24
0' 6" 1' 2'



3 ROOF DETAIL
SCALE :1-1/2"=1'-0"
RE :2/A21 & 3/A21
0' 6" 1' 2'



2 ROOF DETAIL
SCALE :1-1/2"=1'-0"
RE :3/A19 & 1/A21
0' 6" 1' 2'



1 ROOF DETAIL
SCALE :1-1/2"=1'-0"
RE :3/A19
0' 6" 1' 2'

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Details 5 & 6 deleted and note added RE: Lead Boot			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ROOF PLAN DETAILS AS-BUILT

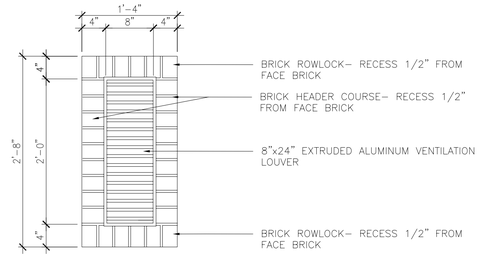
DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A15
SCALE: 1/16"=1'-0"	24 OF 108

NOTE:

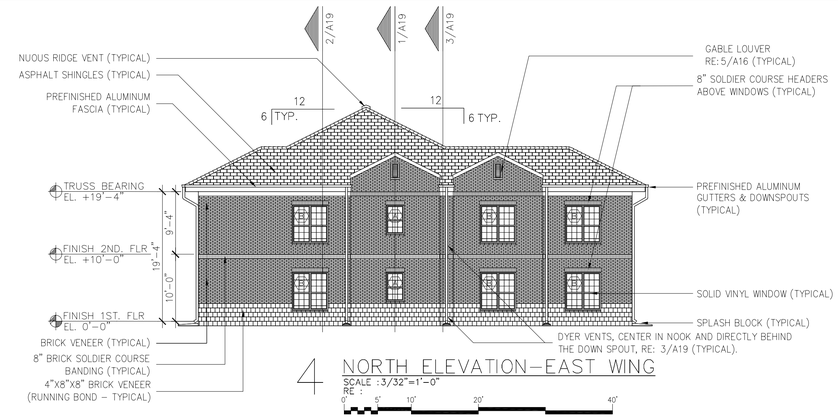
1. ALL FIELD BRICK SHALL BE ACME GARNET MODULAR SMOOTH.

2. ALL ACCENT BRICK (i.e. SOLDIER COURSES, BRICK WINDOW SILLS AND ROWLOCKS & HEADERS AROUND GABLE VENT SHALL BE ACME STEEL GRAY MODULAR VELOUR.

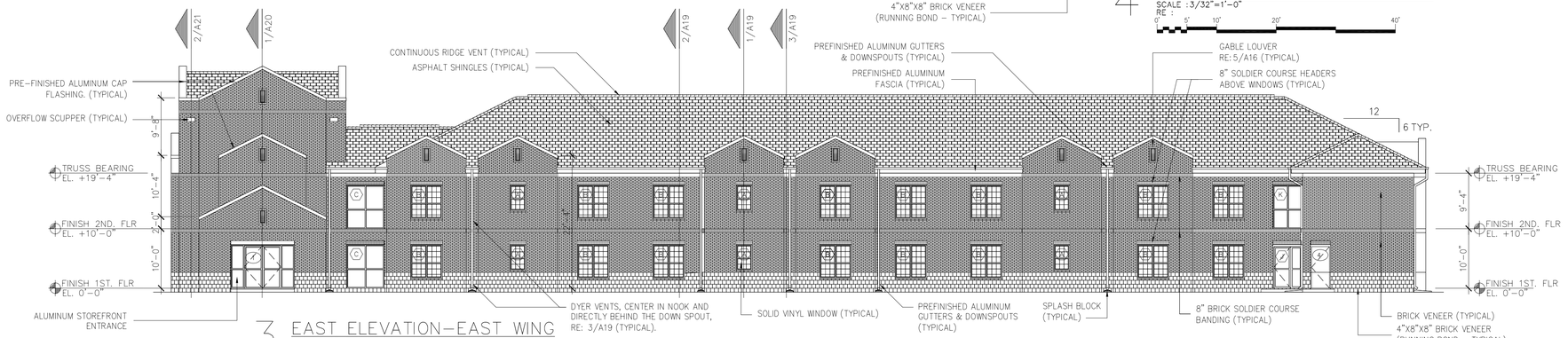
3. ALL 8X8X4 BRICK SHALL BE ACME STEEL GRAY TRIPLE BRICK VELOUR.



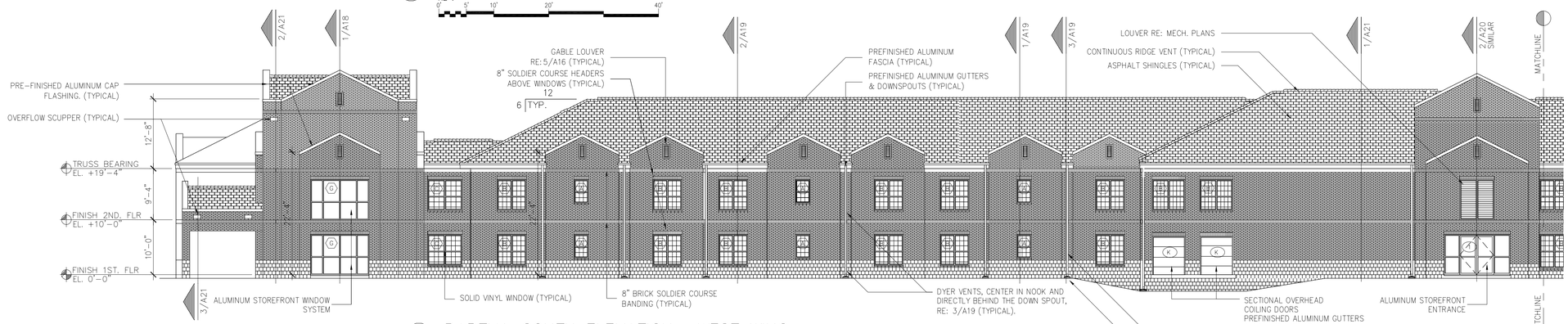
5 BRICK KEYSTONE DETAIL
SCALE :1"=1'-0"
RE :



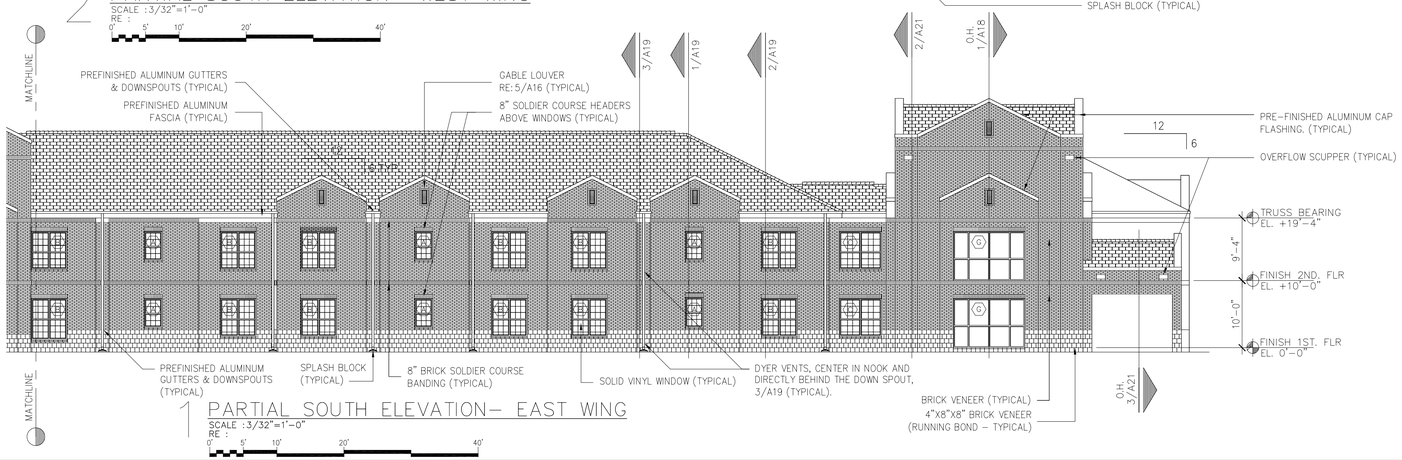
4 NORTH ELEVATION–EAST WING
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'



3 EAST ELEVATION–EAST WING
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'



2 PARTIAL SOUTH ELEVATION– WEST WING
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'



PARTIAL SOUTH ELEVATION– EAST WING
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to AS-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
BUILDING ELEVATIONS
AS-BUILT

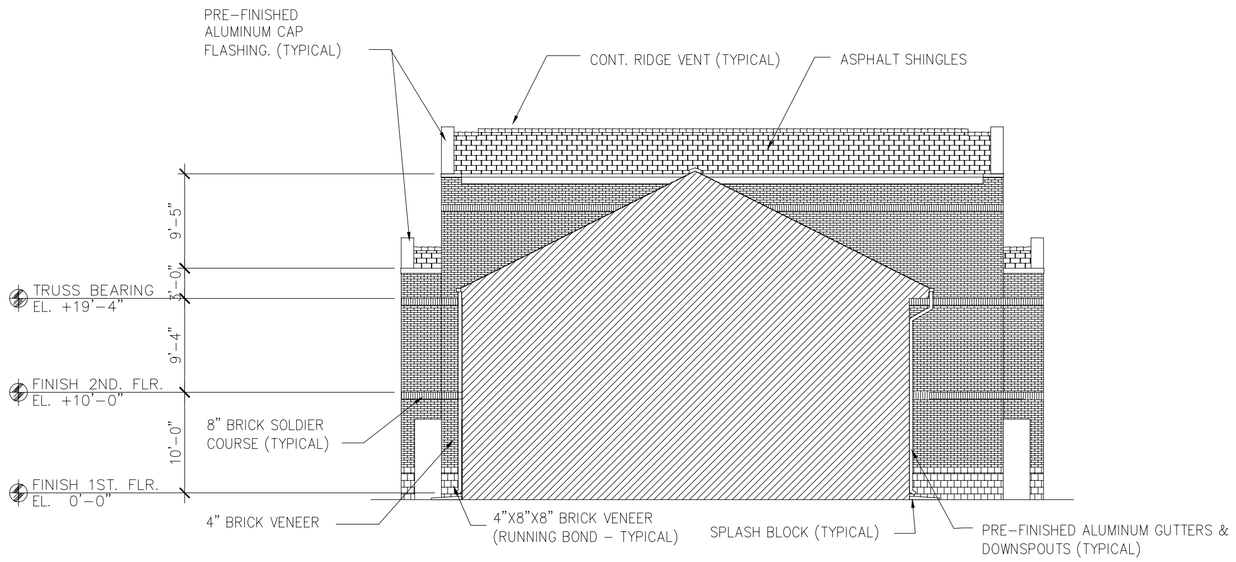
DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A16
SCALE: 3/32"=1'-0"	25 OF 108

NOTE:

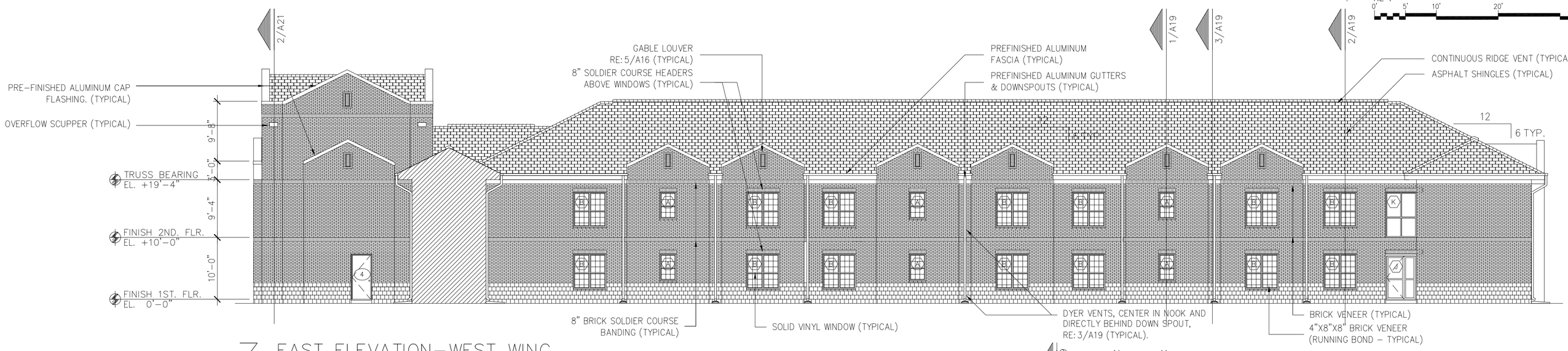
1. ALL FIELD BRICK SHALL BE ACME GARNET MODULAR SMOOTH.

2. ALL ACCENT BRICK (i.e. SOLDIER COURSES, BRICK WINDOW SILLS AND ROWLOCKS & HEADERS AROUND GABLE VENT SHALL BE ACME STEEL GRAY MODULAR VELOUR.

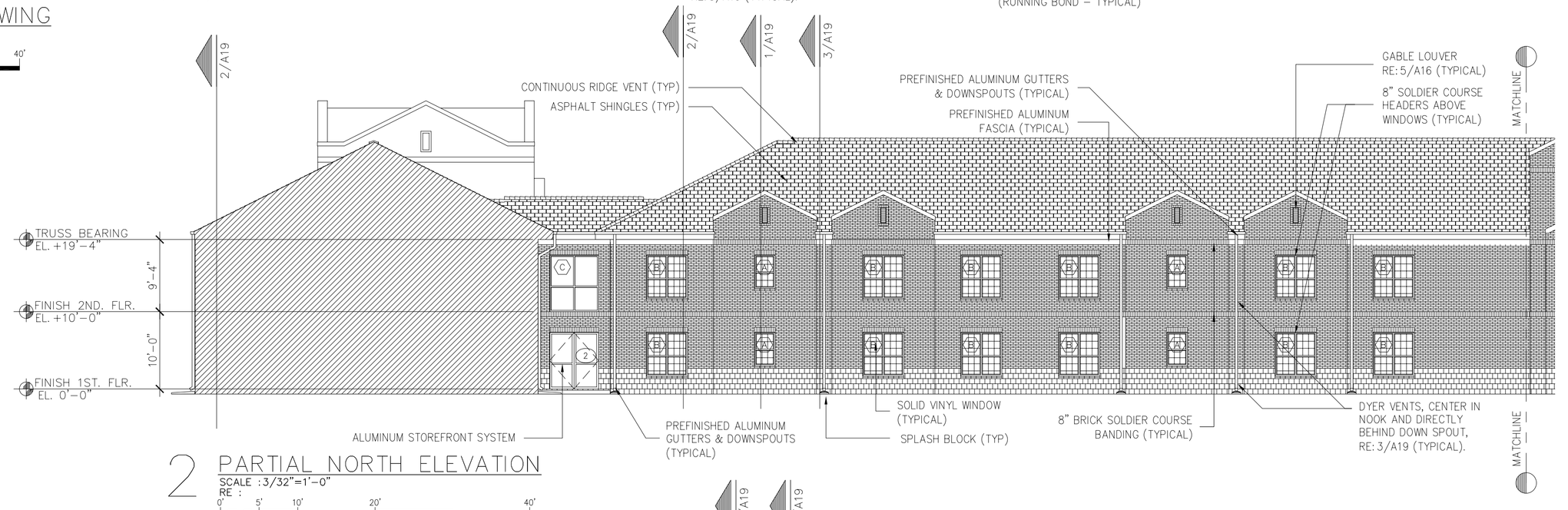
3. ALL 8X8X4 BRICK SHALL BE ACME STEEL GRAY TRIPLE BRICK VELOUR.



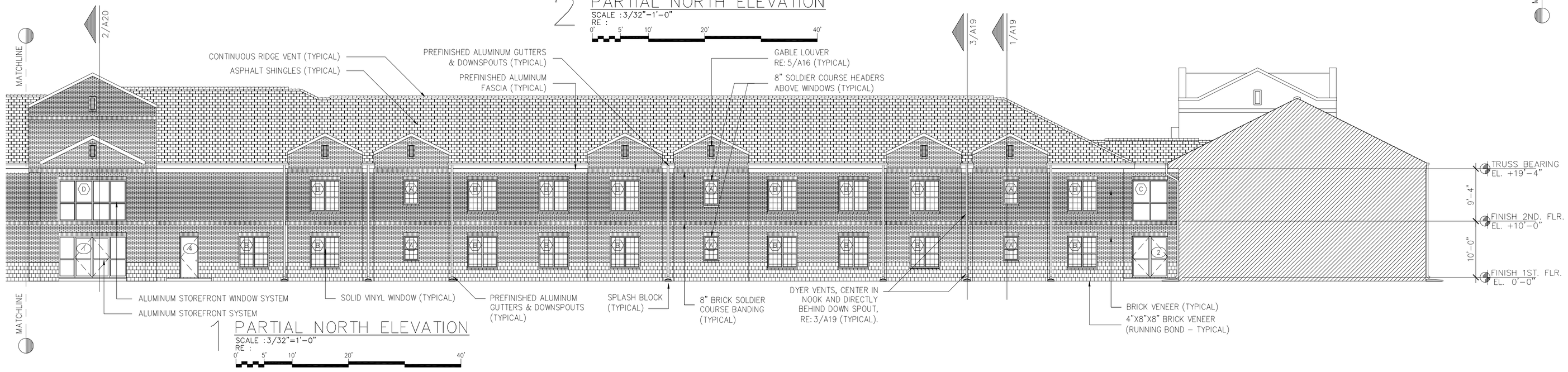
4 EAST ELEVATION-CENTER TOWER
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'



3 EAST ELEVATION-WEST WING
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'



2 PARTIAL NORTH ELEVATION
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'



1 PARTIAL NORTH ELEVATION
SCALE :3/32"=1'-0"
RE :
0' 5' 10' 20' 40'

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

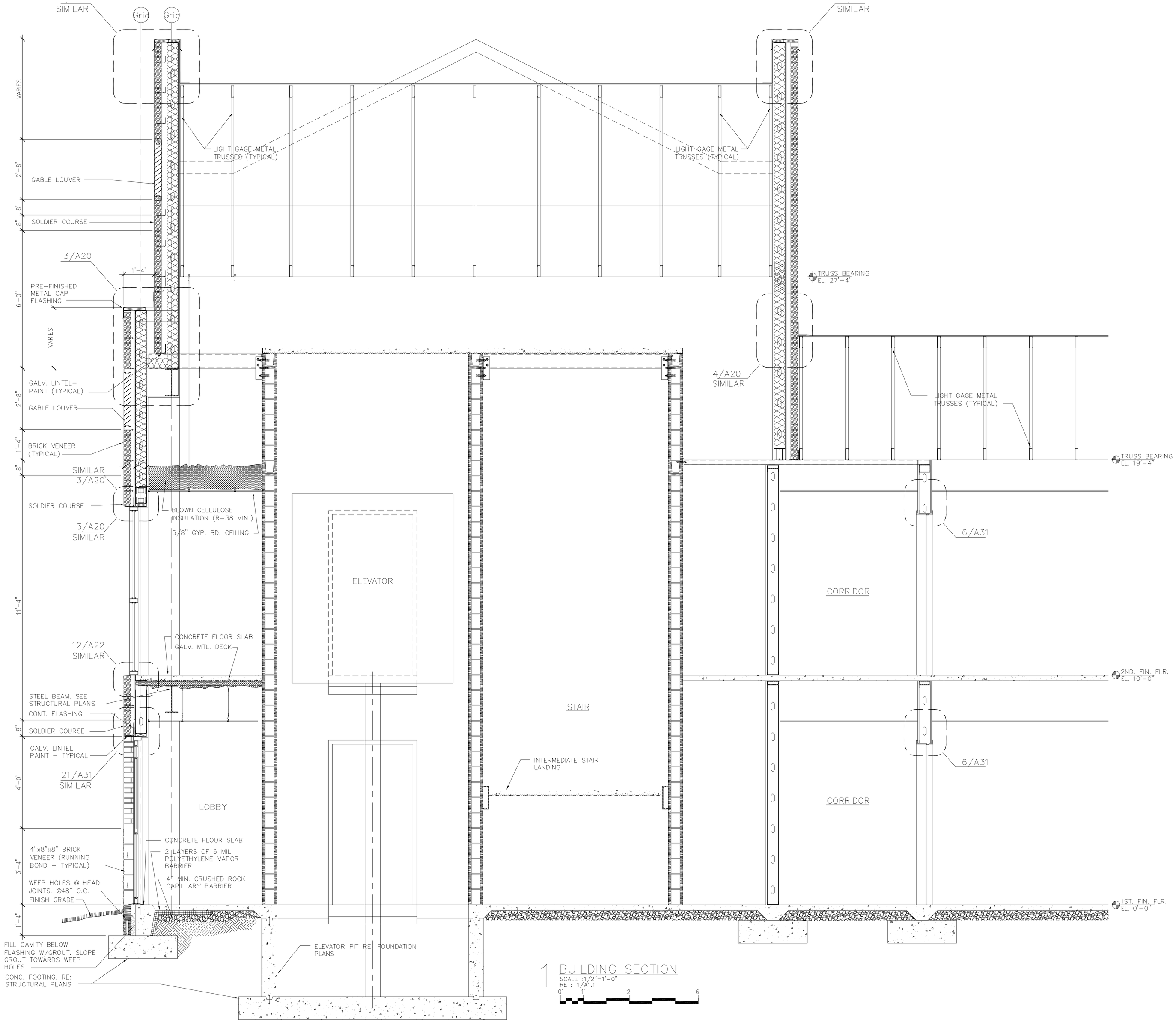
TEMPORARY LODGING FACILITY

SHEET TITLE

BUILDING ELEVATIONS

AS-BUILT

DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A17
SCALE: 3/32"=1'-0"	26 OF 108



1 BUILDING SECTION
SCALE : 1/2"=1'-0"
RE : 1/A1.1
0' 1' 2' 6'

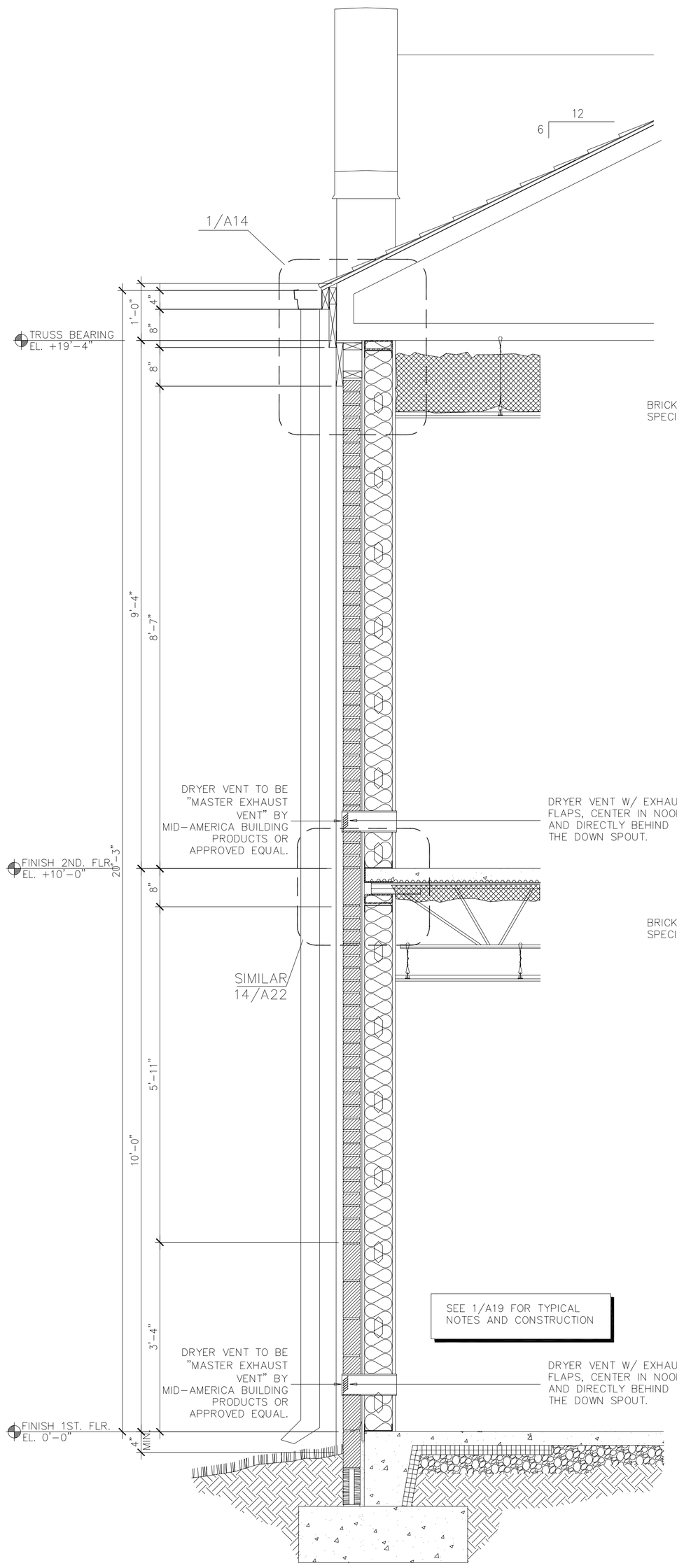
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

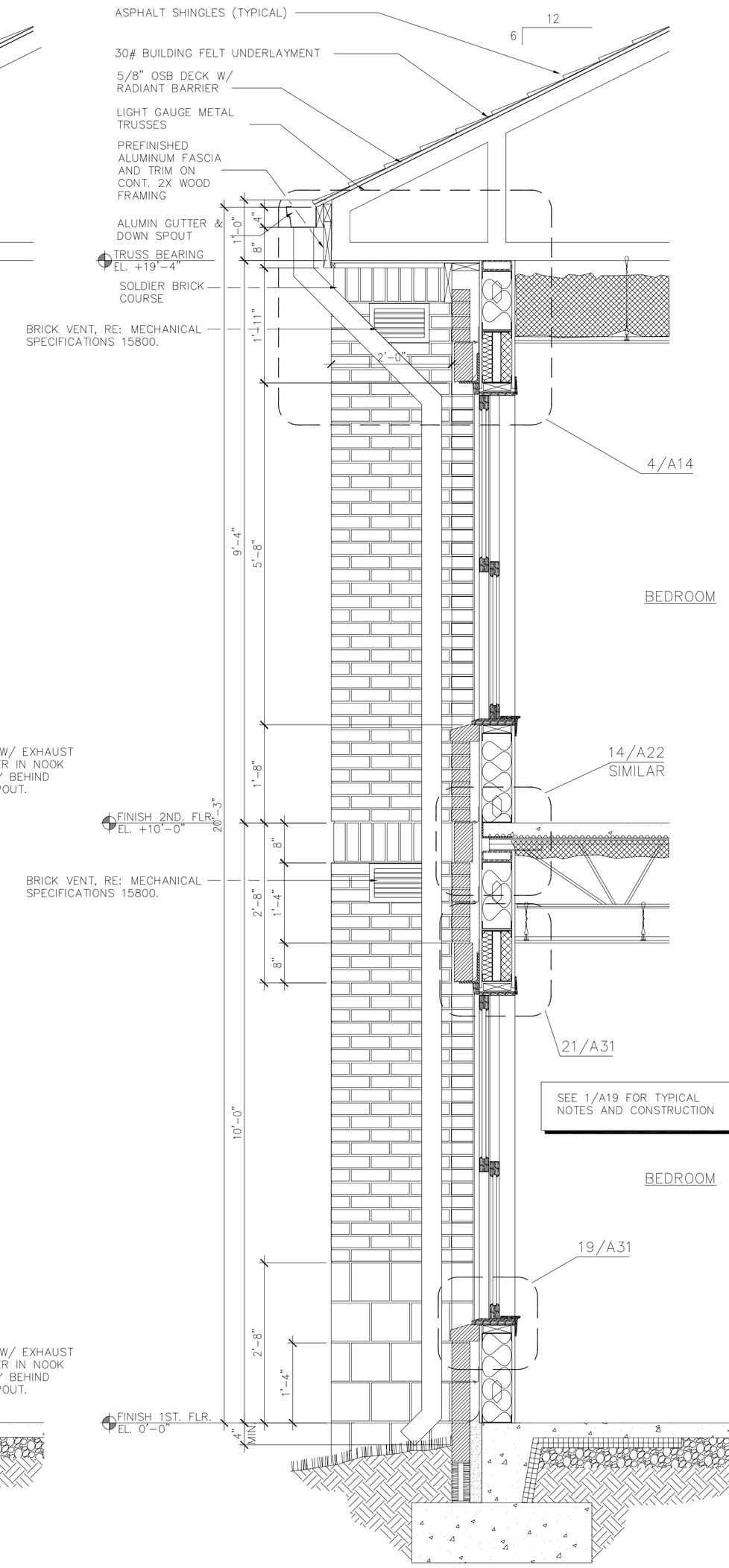
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
BUILDING SECTION AT END TOWERS
AS-BUILT

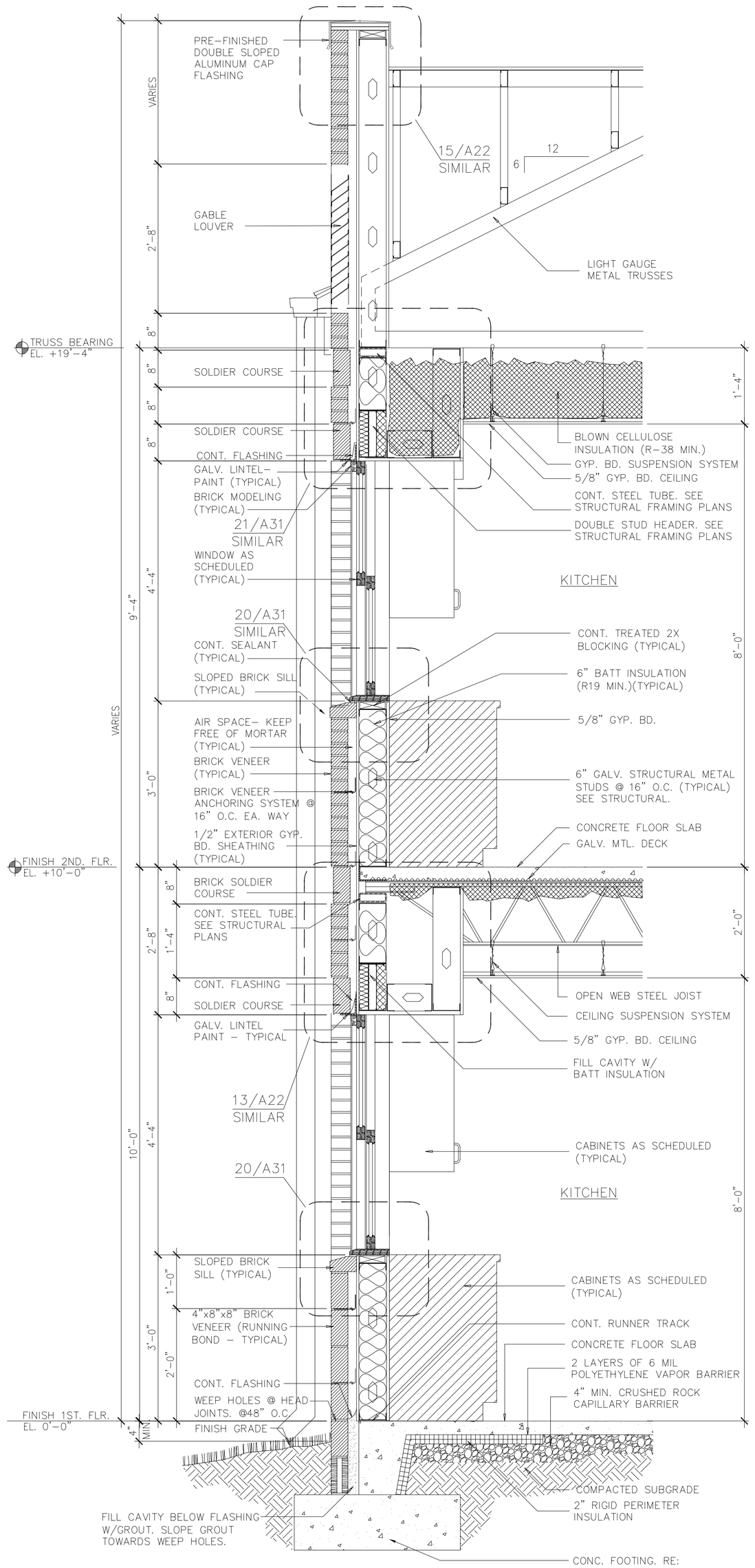
DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A18
SCALE: 1/2"=1'-0"	27 OF 108



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



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



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

AIR EDUCATION & TRAINING COMMAND

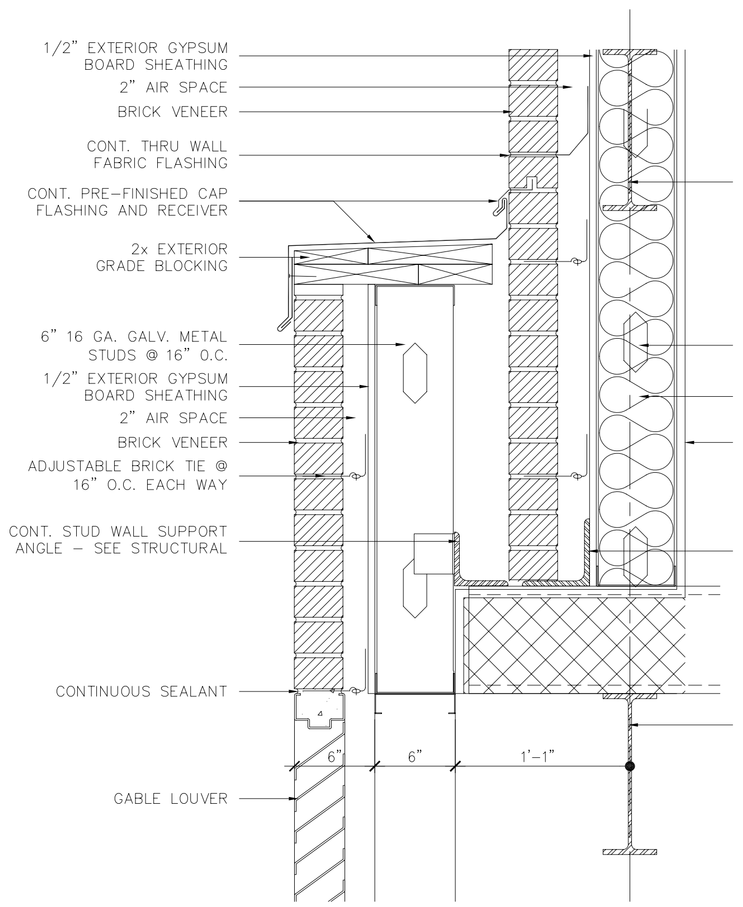
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

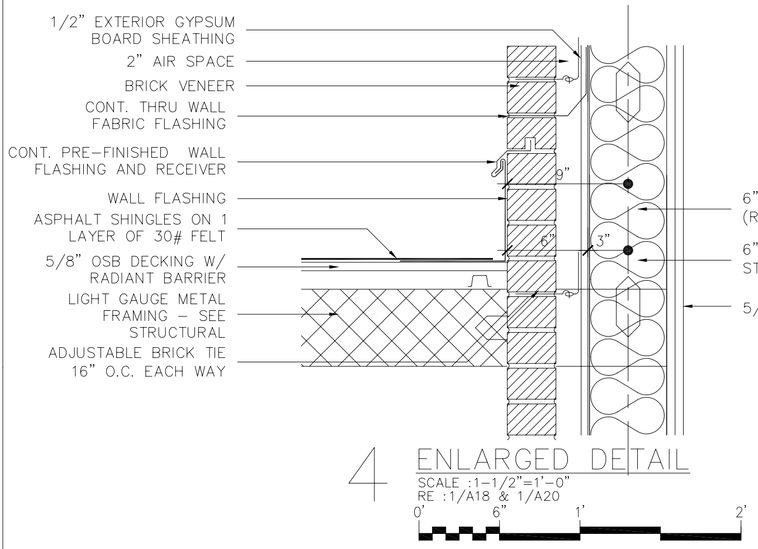
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
WALL SECTIONS
AS-BUILT

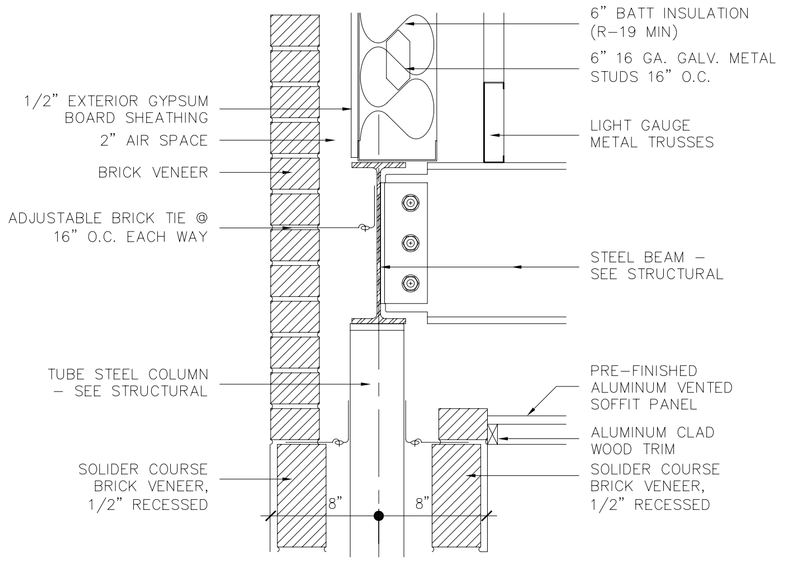
DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A19
SCALE: 3/4"=1'-0"	28 OF 108



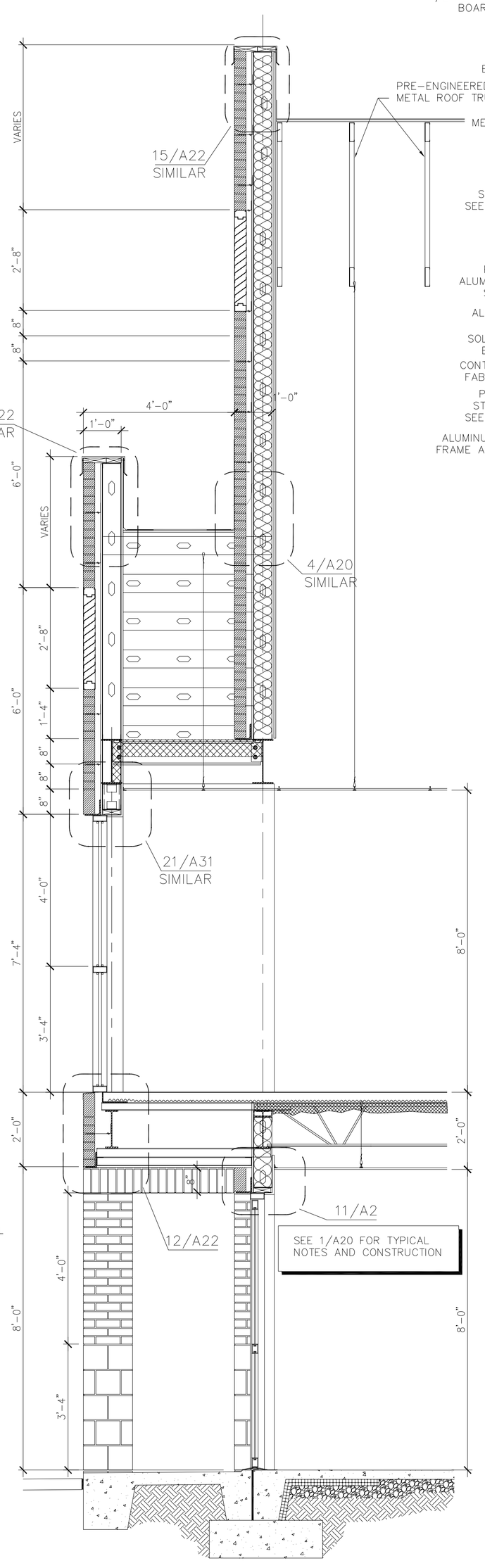
3 ENLARGED DETAIL
SCALE :1-1/2"=1'-0"
RE :1/A18 & 1/A20



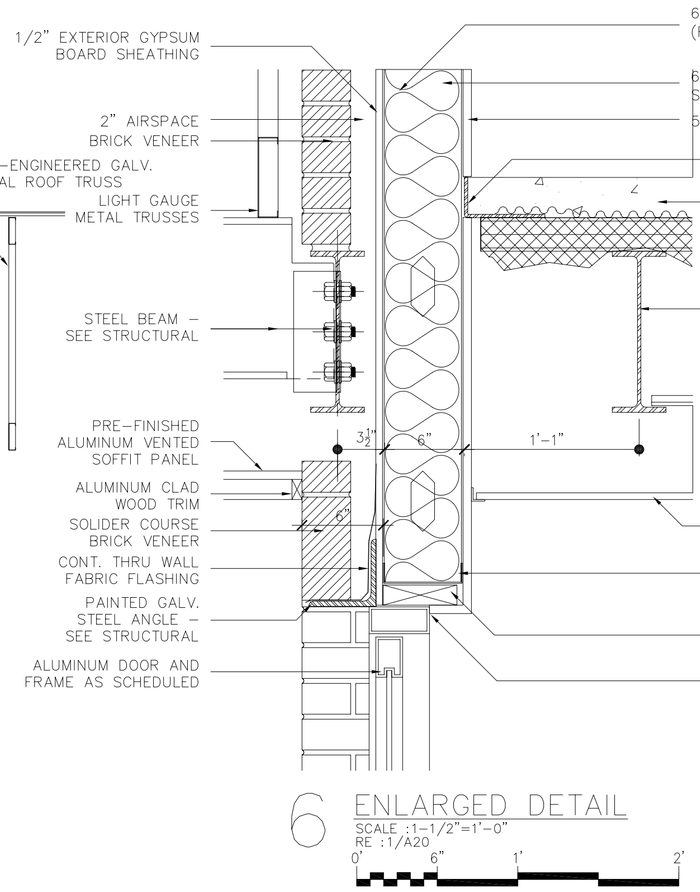
4 ENLARGED DETAIL
SCALE :1-1/2"=1'-0"
RE :1/A18 & 1/A20



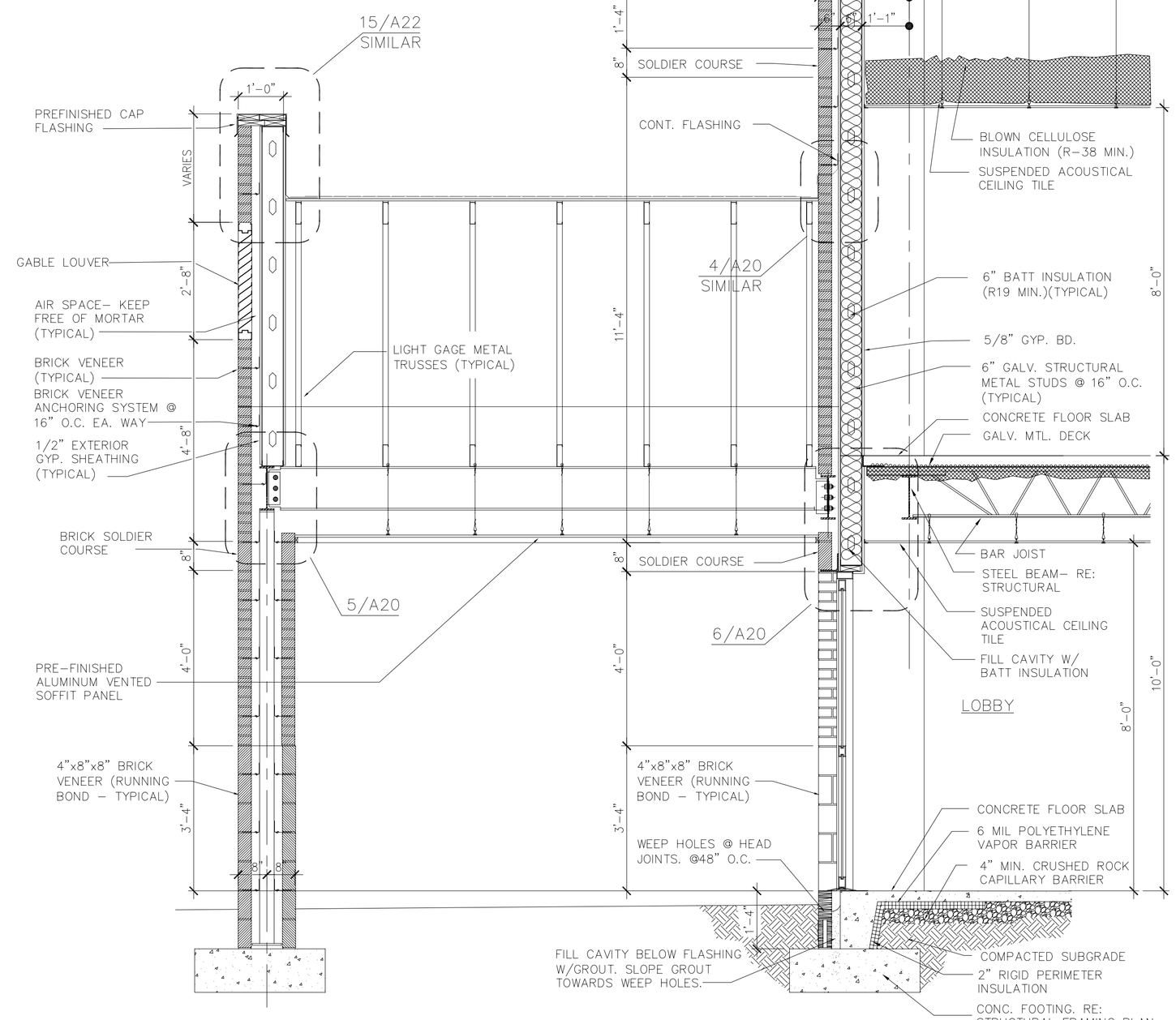
5 DETAIL
SCALE :1-1/2"=1'-0"
RE :1/A20



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



6 ENLARGED DETAIL
SCALE :1-1/2"=1'-0"
RE :1/A20



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

AIR EDUCATION & TRAINING COMMAND

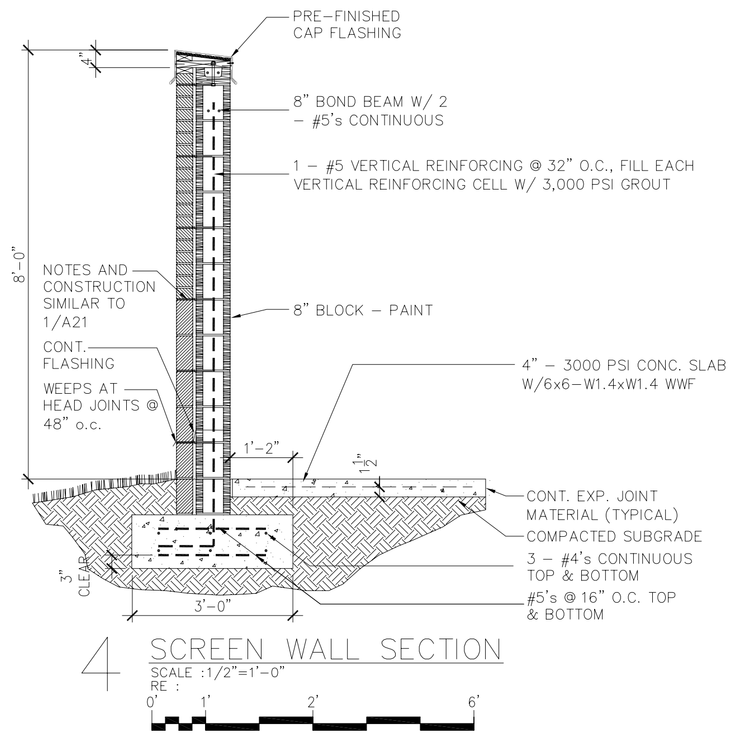
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

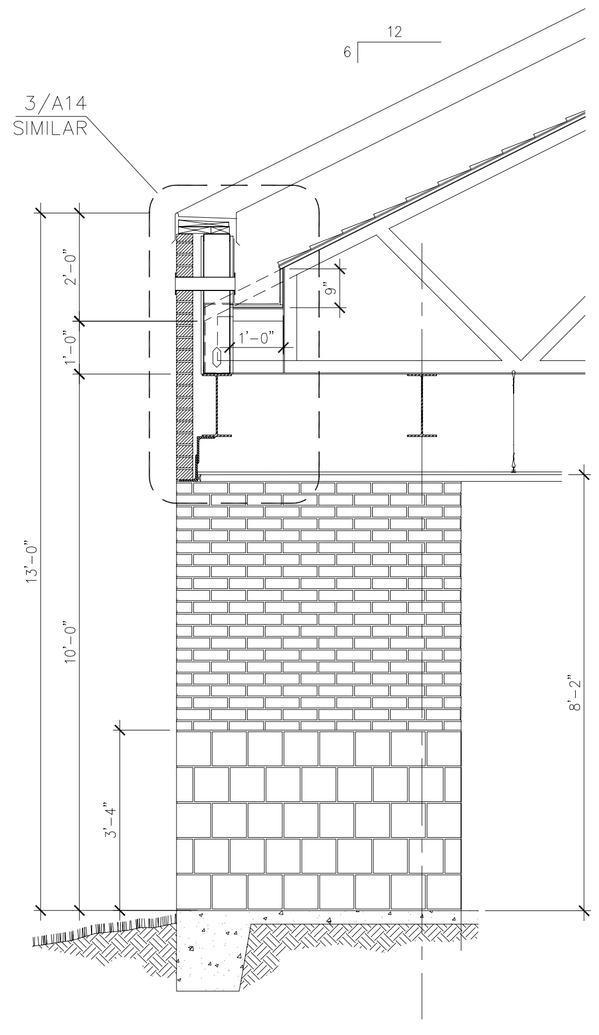
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
WALL SECTIONS
AS-BUILT

DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A20
SCALE: 1/2"=1'-0"	29 OF 108

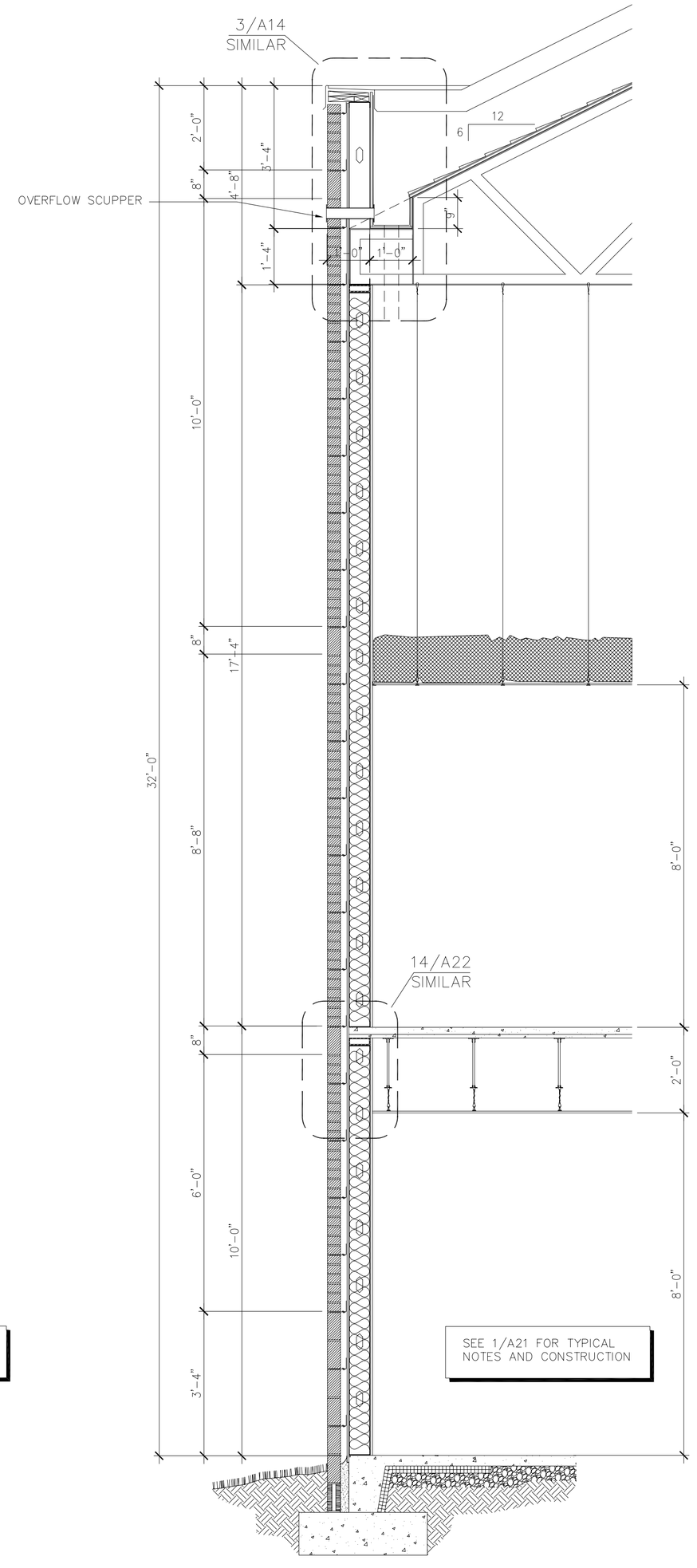


4 SCREEN WALL SECTION
SCALE :1/2"=1'-0"
RE :
0' 1' 2' 6'



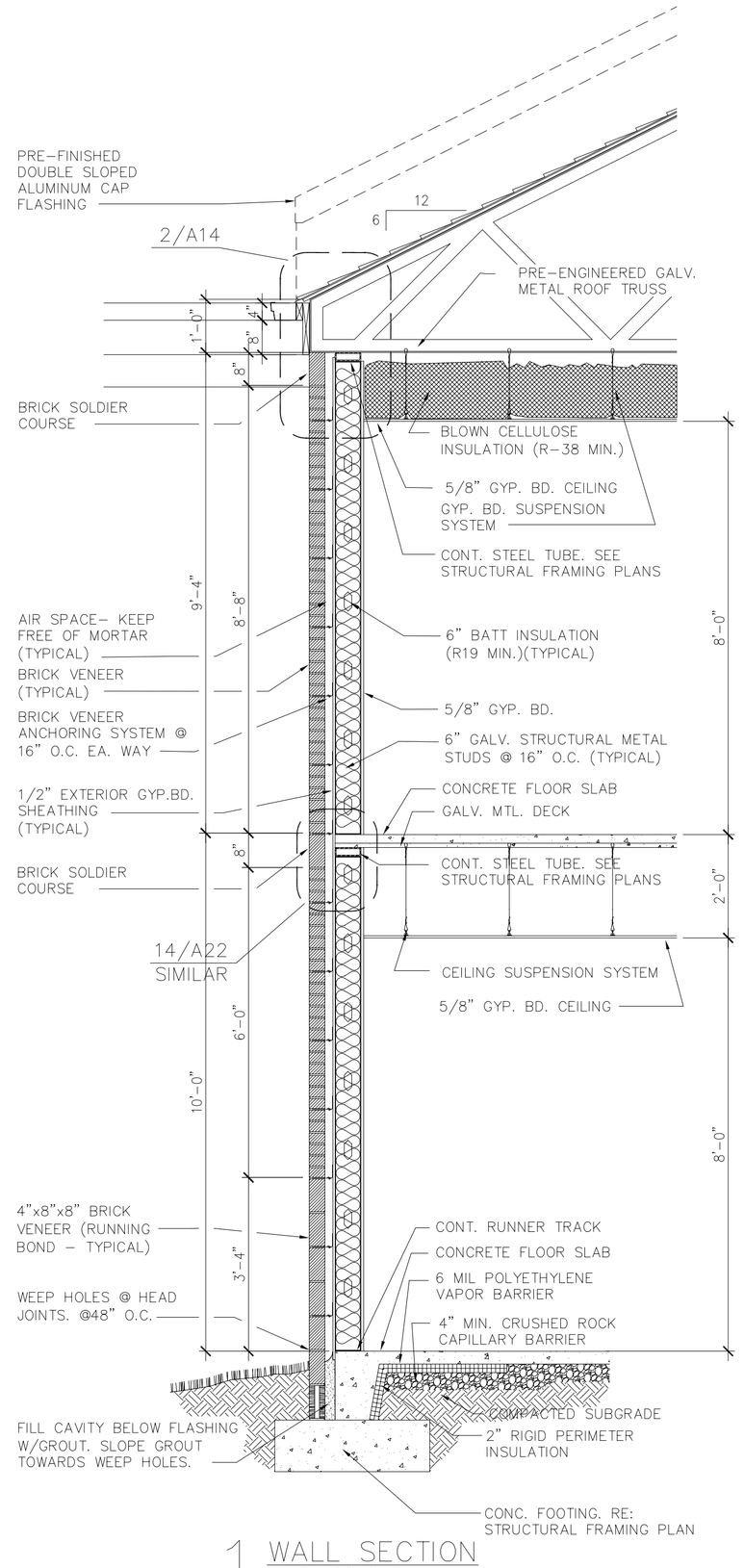
SEE 1/A21 FOR TYPICAL NOTES AND CONSTRUCTION

3 WALL SECTION
SCALE :1/2"=1'-0"
RE :
0' 1' 2' 6'



SEE 1/A21 FOR TYPICAL NOTES AND CONSTRUCTION

2 WALL SECTION
SCALE :1/2"=1'-0"
RE :
0' 1' 2' 6'



1 WALL SECTION
SCALE :1/2"=1'-0"
RE :
0' 1' 2' 6'

AIR EDUCATION & TRAINING COMMAND

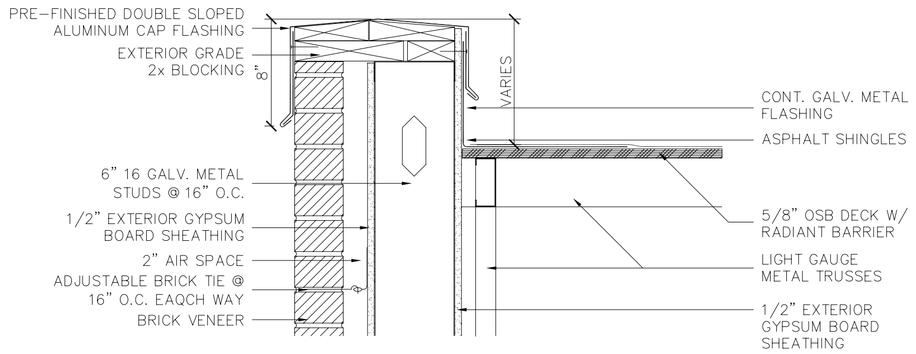
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

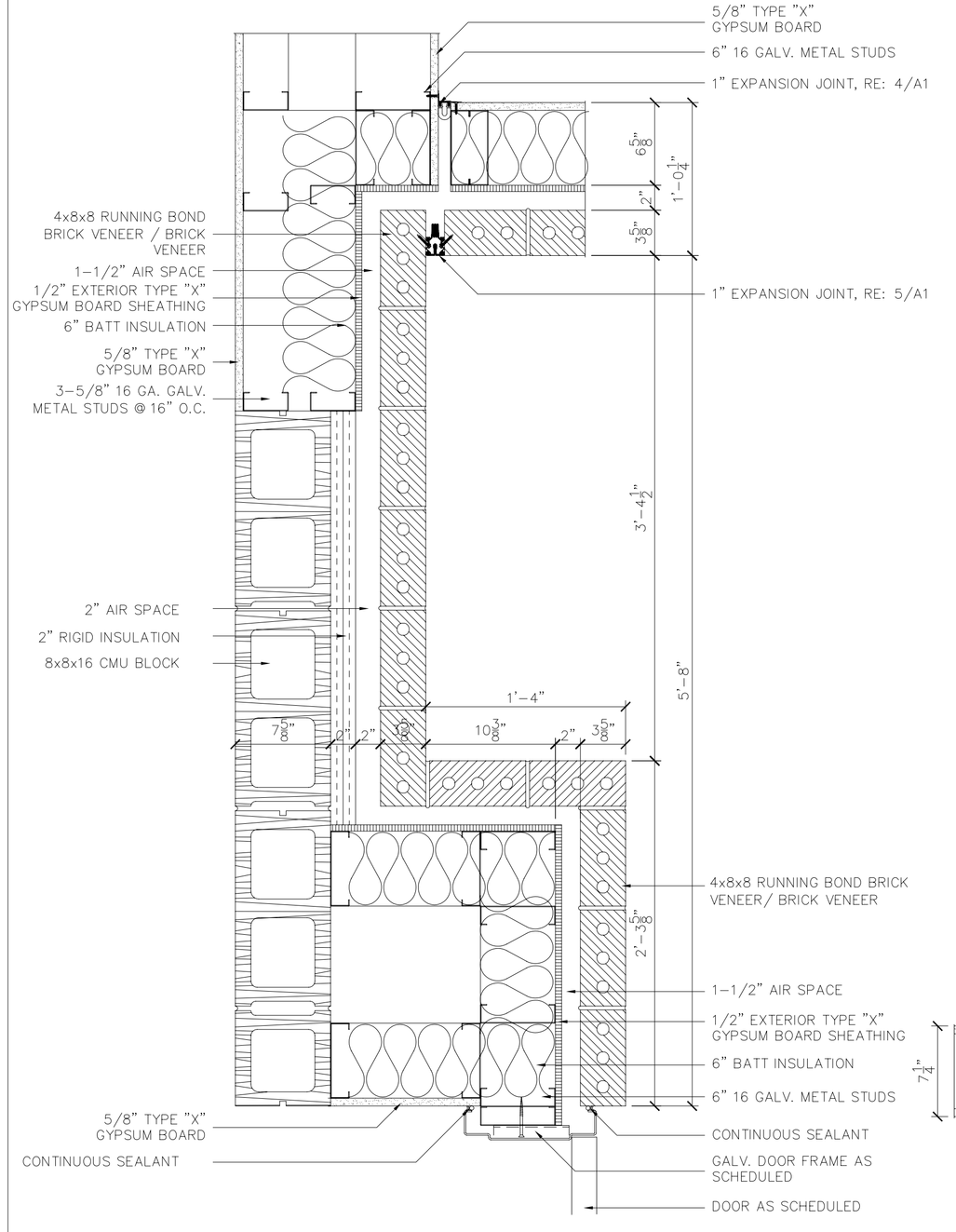
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
WALL SECTIONS
AS-BUILT

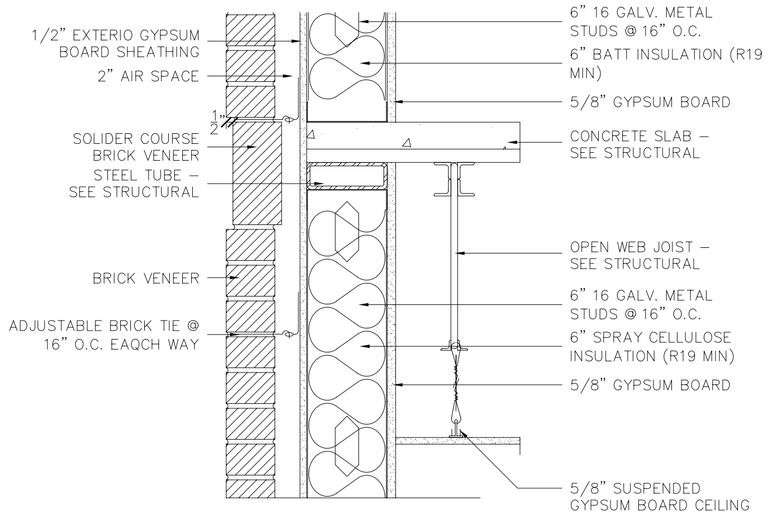
DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A21
SCALE: 1/2"=1'-0"	30 OF 108



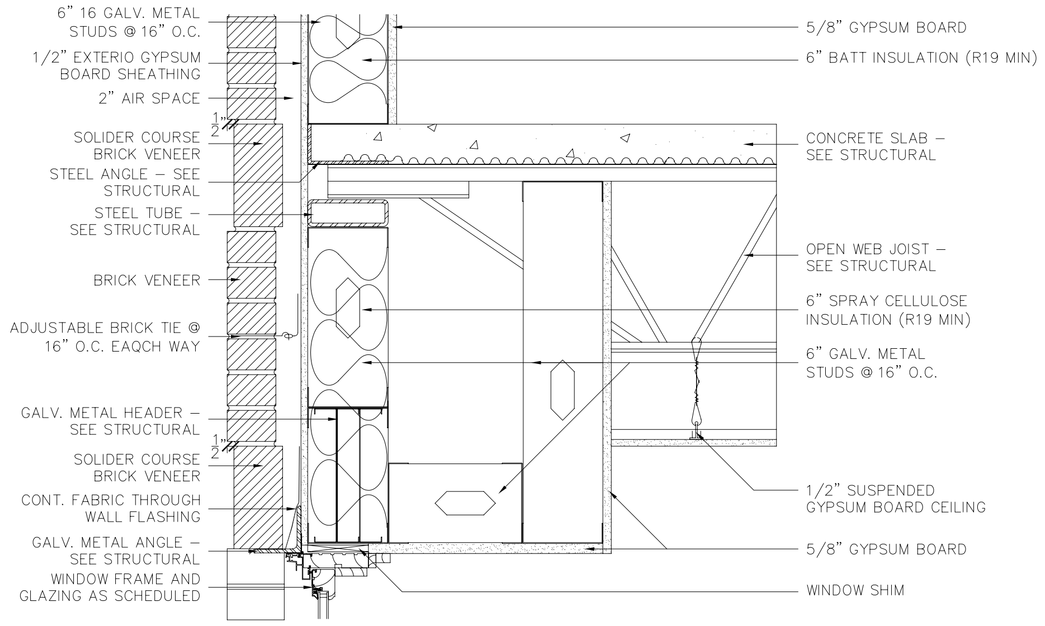
15 CAP FLASHING DETAIL
SCALE :1-1/2"=1'-0"
RE :1/A18, 1/A19, 1/A20, & 2/A20



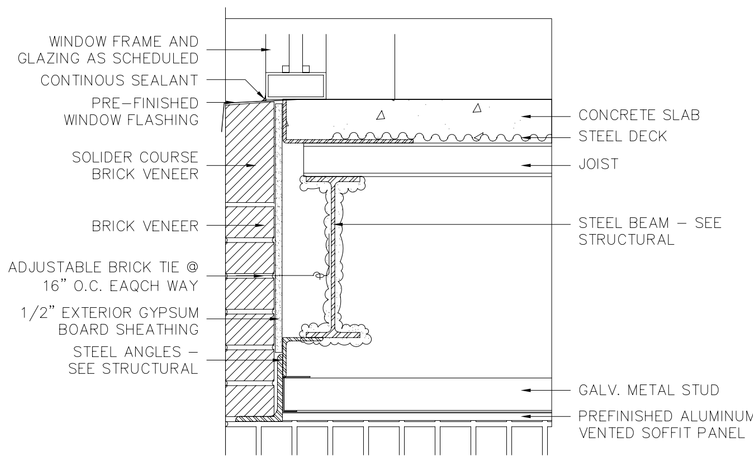
10 EXTERIOR DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1 & 1/A2



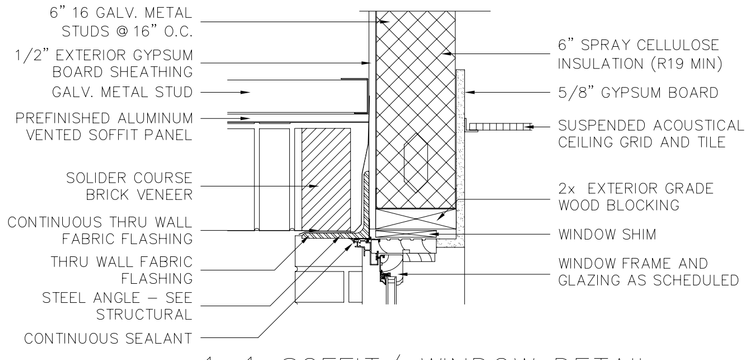
14 WALL DETAIL
SCALE :1-1/2"=1'-0"
RE :2/A19, 3/A19, 1/A21, & 2/A21



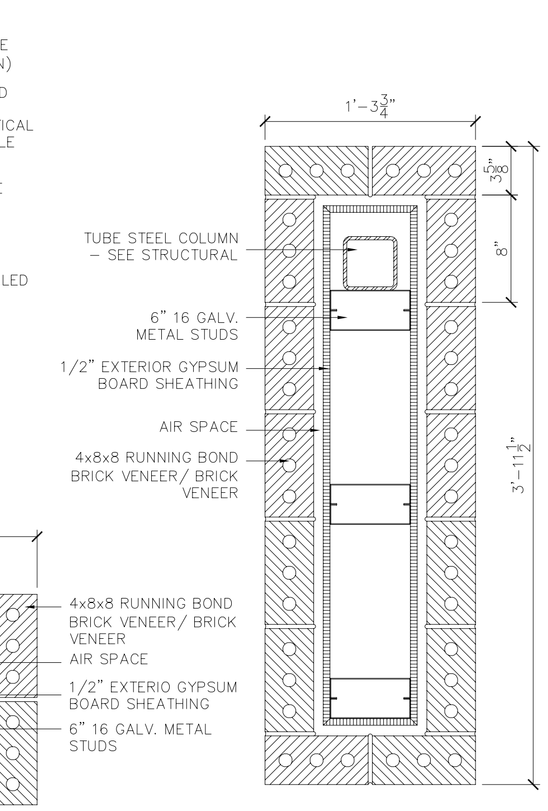
13 WALL DETAIL
SCALE :1-1/2"=1'-0"
RE :1/A19



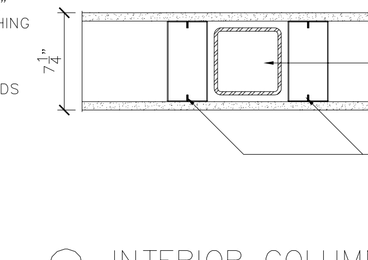
12 SOFFIT/ WINDOW DETAIL
SCALE :1-1/2"=1'-0"
RE :2/A20



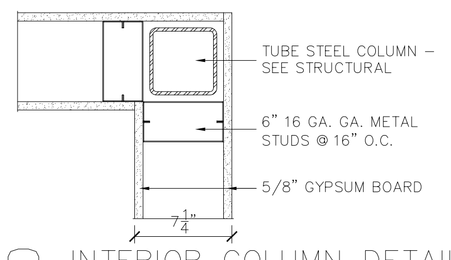
11 SOFFIT/ WINDOW DETAIL
SCALE :1-1/2"=1'-0"
RE :2/A20



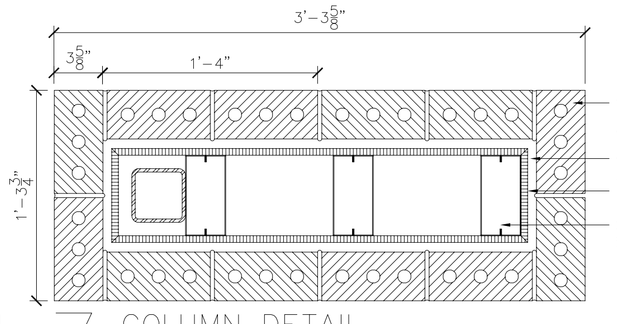
6 COLUMN DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1 & 1/A2



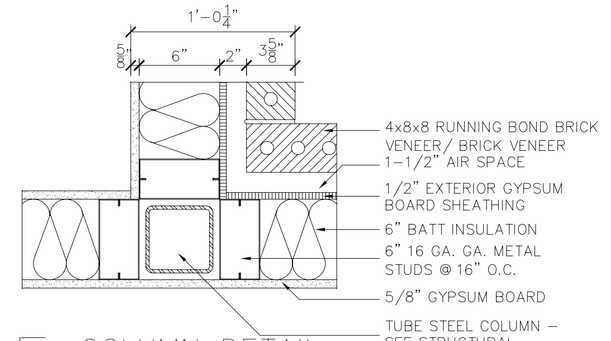
9 INTERIOR COLUMN DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1, 1/A2, 1/A3 & 1/A4



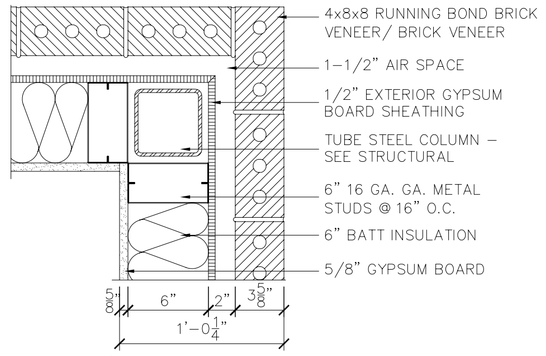
8 INTERIOR COLUMN DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1, 1/A2, 1/A3, & 1/A4



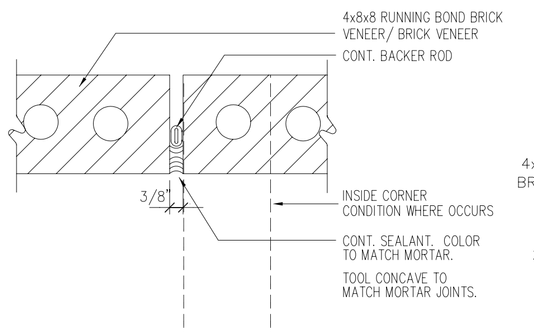
7 COLUMN DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1 & 1/A2



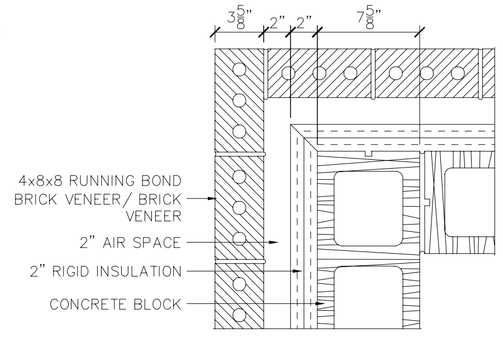
5 COLUMN DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1, 1/A2, & 1/A4



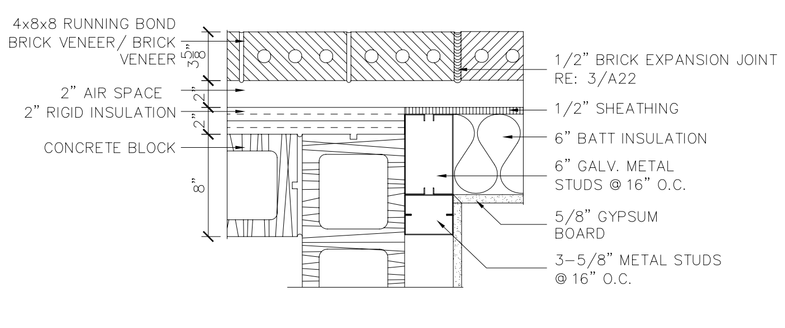
4 COLUMN DETAIL
SCALE : 1-1/2" = 1'-0"
RE : 1/A1, 1/A2, & 1/A4



3 BRICK EXPANSION JOINT DETAIL
SCALE : 3" = 1'-0"
RE :



2 WALL DETAIL
SCALE : 1-1/2" = 1'-0"
RE :1/A1, 1/A2, 1/A3, & 1/A4



1 WALL DETAIL
SCALE : 1-1/2" = 1'-0"
RE :1/A1, 1/A2, 1/A3, & 1/A4

AIR EDUCATION & TRAINING COMMAND

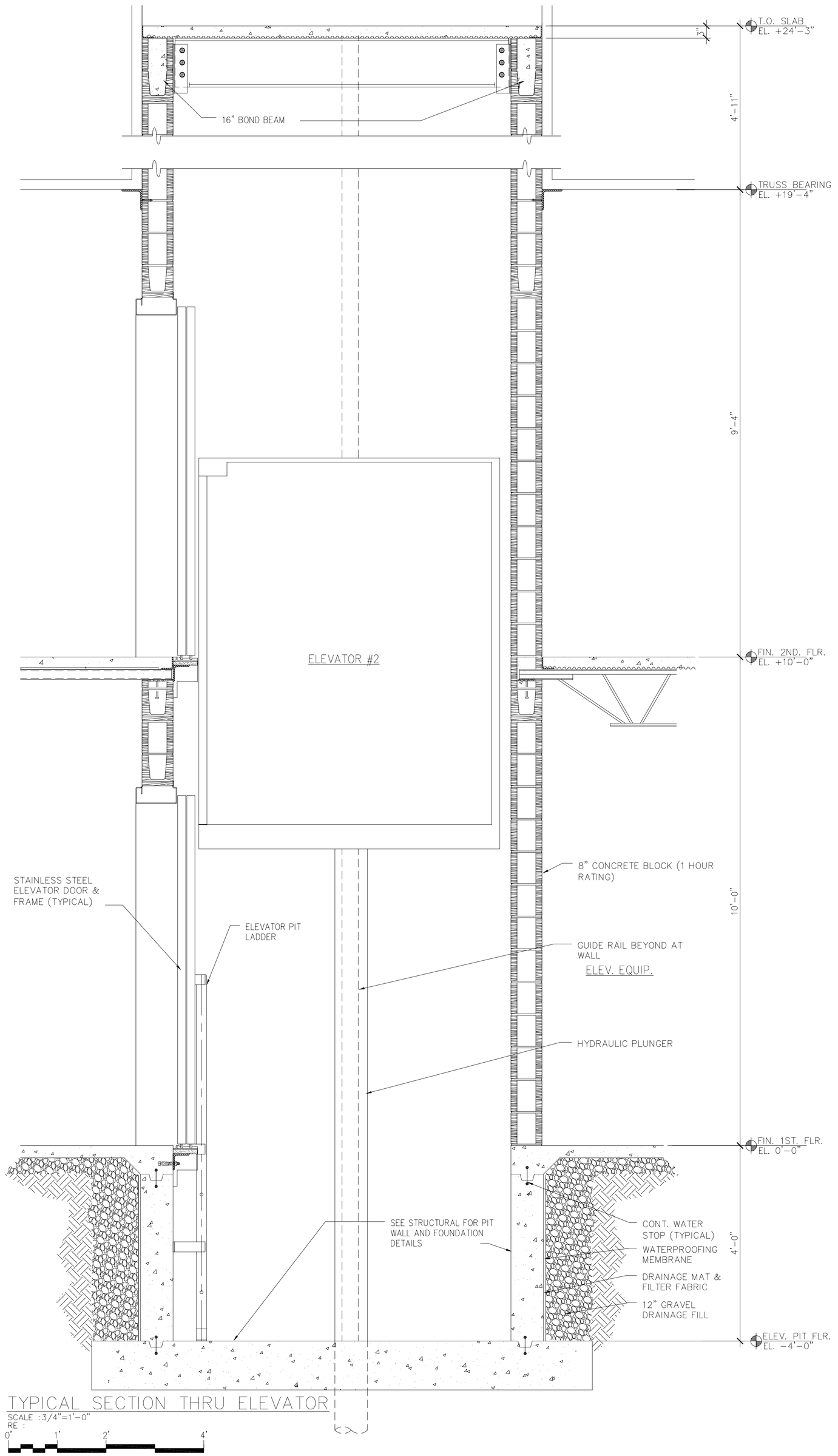
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

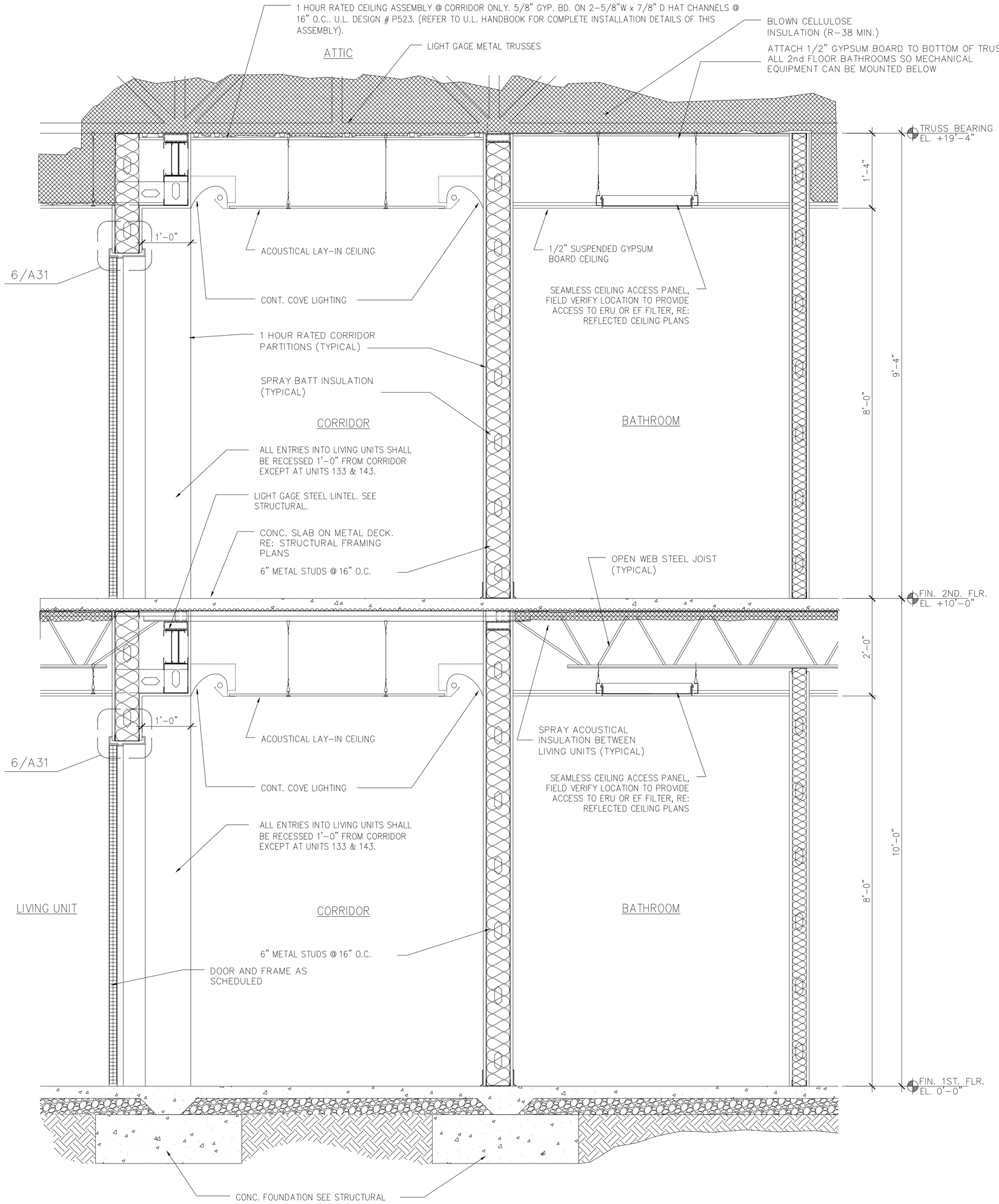
SHEET TITLE
ENLARGED DETAILS
AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A22
SCALE: AS SHOWN	31 OF 108



2 TYPICAL SECTION THRU ELEVATOR

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



1 SECTION THRU TYPICAL CORRIDOR

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

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

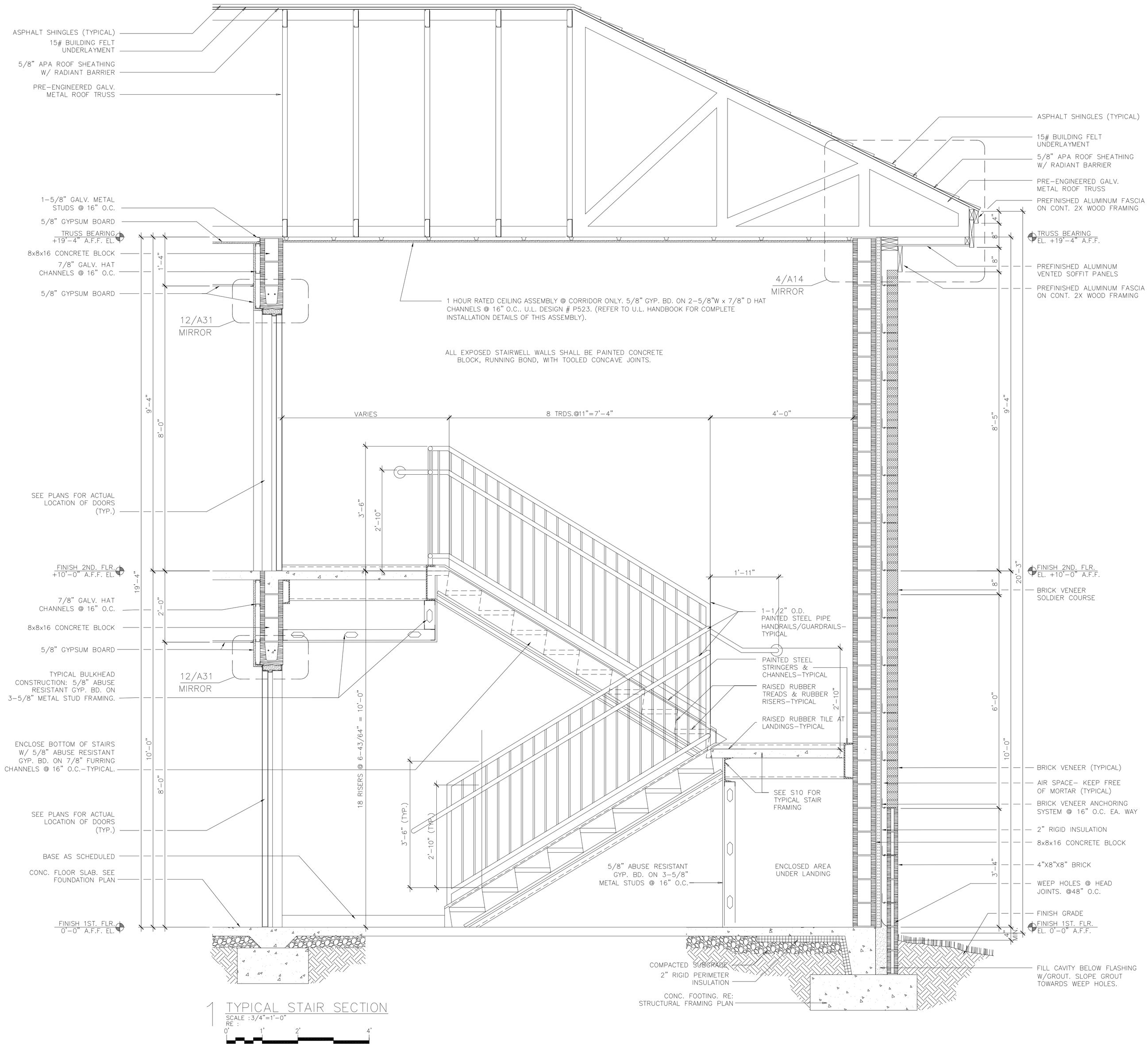
TEMPORARY LODGING FACILITY

SHEET TITLE

ELEVATOR AND CORRIDOR SECTIONS

AS-BUILT

DRAWN BY: RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A23
SCALE: 3/4"=1'-0"	32 OF 108



1 TYPICAL STAIR SECTION

SCALE :3/4"=1'-0"
RE :

0' 1' 2' 4'

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to AS-Built			

PROJECT TITLE

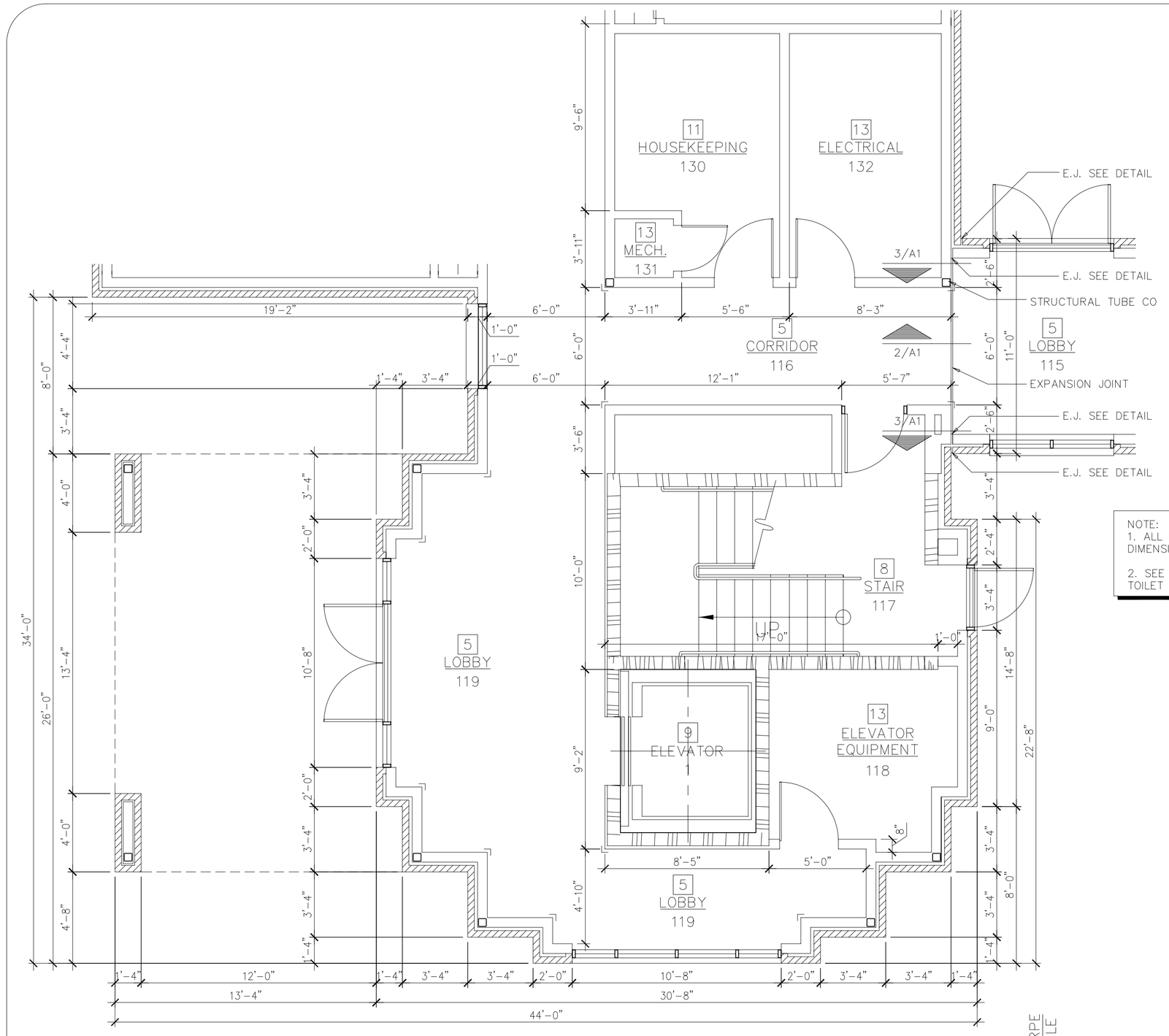
TEMPORARY LODGING FACILITY

SHEET TITLE

STAIR SECTION
STAIR DETAILS

AS-BUILT

DRAWN BY: JB/ RL	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A24 33 OF 108
SCALE: 3/4"=1'-0"	

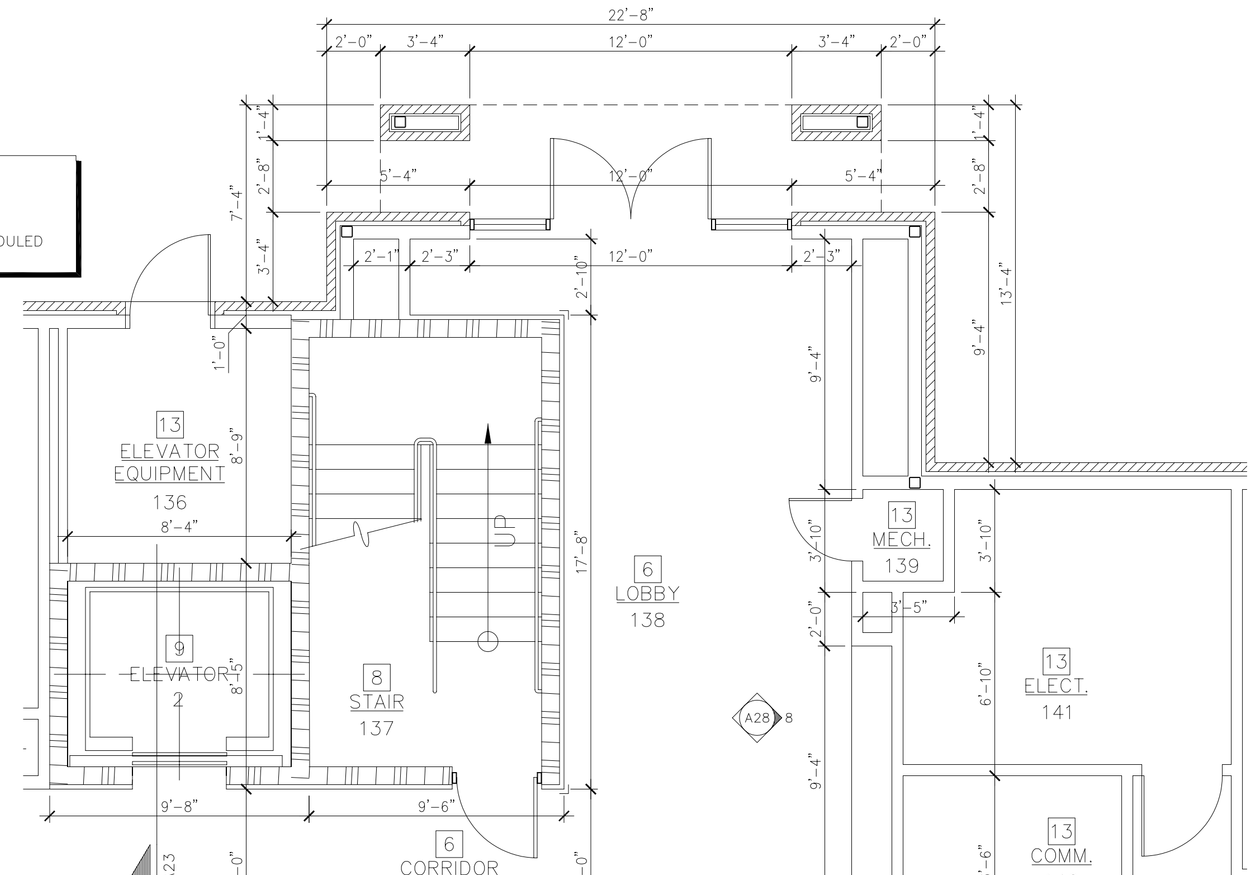


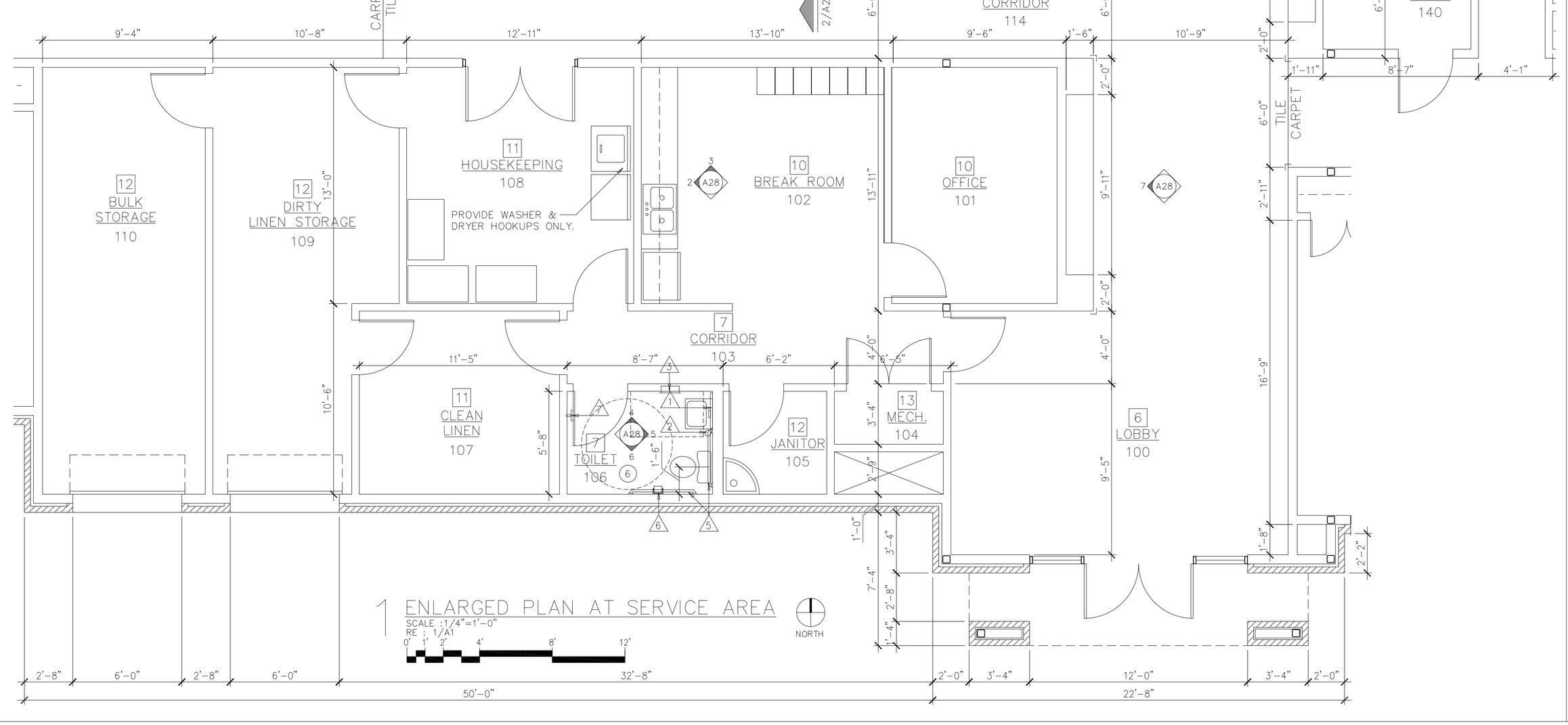
2 ENLARGED PLAN AT WEST TOWER

SCALE :1/4"=1'-0"
RE : 1/A1

NOTE:
1. ALL DIMENSIONS SHOWN ARE FINISH FACE DIMENSIONS.

2. SEE SHEET A27 FOR INTERIOR FINISH SCHEDULED TOILET ACCESSORY SCHEDULE.





1 ENLARGED PLAN AT SERVICE AREA

SCALE :1/4"=1'-0"
RE : 1/A1

NORTH

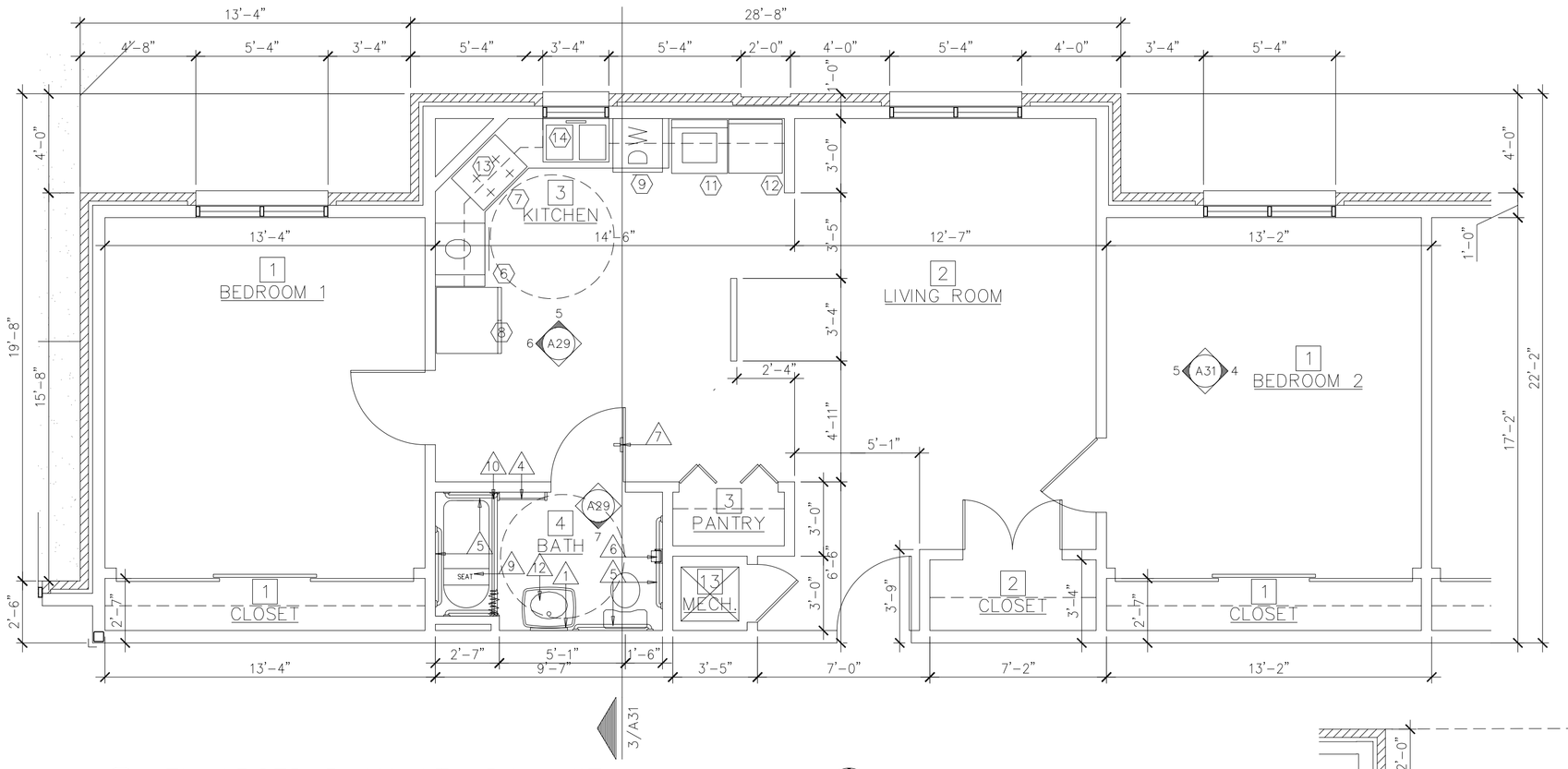
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ENLARGED PLANS
AS-BUILT

DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A25
SCALE: 1/4" = 1'-0"	34 OF 108



2 ENLARGED PLAN AT ADA UNIT

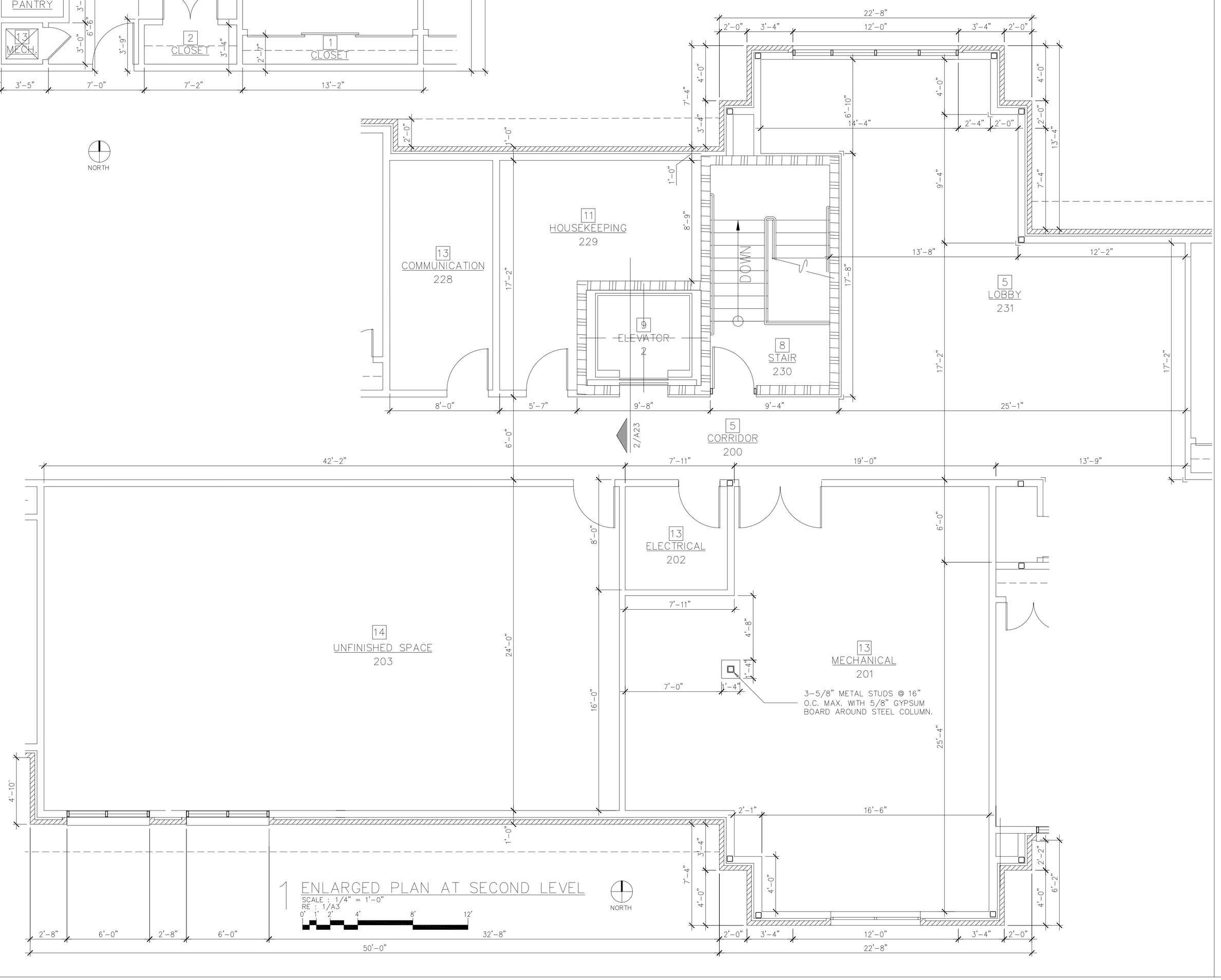
SCALE :1/4"=1'-0"
RE : 1/A1
0' 1' 2' 4' 8' 12'

NORTH

NOTE:
1. ALL DIMENSIONS SHOWN ARE FINISH DIMENSIONS.

2. SEE SHEET A27 FOR INTERIOR FINISH SCHEDULE AND TOILET ACCESSORY SCHEDULE.

3. EXTERIOR DIMENSIONS MAY VARY @ LIVING UNITS REFER TO A7 & A8.



1 ENLARGED PLAN AT SECOND LEVEL

SCALE : 1/4" = 1'-0"
RE : 1/A3
0' 1' 2' 4' 8' 12'

NORTH

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

ENLARGED PLANS
AS-BUILT

DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A26
SCALE: 1/4" = 1'-0"	35 OF 108

TOILET ACCESSORY SCHEDULE

1. FRAMED MIRROR. 18" x 36". MOUNT 40" A.F.F. TO BOTTOM OF MIRROR
2. WALL MOUNTED SOAP DISPENSER . MOUNT 48" AFF TO PUSH BUTTON.
3. RECESSED MOUNTED PAPER TOWEL DISPENSER/RECEPTACLE, MOUNT 48" TO PAPER TOWEL SLOT.
4. 24" TOWEL BAR, MOUNT 48" AFF.
5. STAINLESS STEEL GRAB BARS, SEE DRAWINGS FOR LENGTHS & MOUNTING HEIGHTS. SEE TOILET ACCESSORY NOTES: 1,2, & 4
6. RECESSED SINGLE ROLL, TOILET PAPER HOLDER, UNCONTROLLED DELIVERY. MOUNT 2'-0" A.F.F. TO CENTER LINE OF UNIT. MOUNT 3'-0" FROM WALL BEHIND TOILET TO FRONT OF UNIT.
7. ROBE HOOK. MOUNT AT 48" A.F.F.
8. NOT USED
9. TUB SEAT
10. SHOWER CURTAIN & ROD.
11. MOP/BROOM HOLDER MOUNT 5'-0" AFF TO CENTERLINE OF UNIT. PROVIDE ONE PER JANITOR'S CLOSET.
12. UNDER LAVATORY GUARD.
13. RECESSED MOUNTED MEDICINE CABINET WITH MIRROR, MOUNT 74" A.F.F. TO TOP.

TOILET ACCESSORY GENERAL NOTES

1. GRAB BAR ANCHORS TO SUPPORT A CONCENTRATED LOAD OF 250 LB APPLIED AT ANY POINT & IN ANY DIRECTION. REFER TO ANSI A117.1 SECTION 4.24.3 & STATE BUILDING CODE. PROVIDE STAINLESS STEEL FINISHED SUPPORTS BRAKETS. RE: 3/A27
2. GRAB BARS TO HAVE 1-1/2" OD & 1-1/2" CLEARANCE BETWEEN RAIL AND WALL.
3. AT ALL HANDICAPPED ACCESSIBLE TOILETS, WATER CLOSETS SHALL BE SET 1'-6" (18") OFF THE WALL, AND A MINIMUM OF 1'-6" FROM THE LAVATORY. THIS DIMENSION SHALL BE FROM THE CENTERLINE OF WATER CLOSET TO THE FINISH FACE OF THE WALL, AND THE EDGE OF THE LAVATORY.
4. ALL GRAB BARS SHALL BE 36" LONG AT THE BACK OF THE WATER CLOSET AND 42" LONG AT THE SIDE OF THE WATER CLOSET, UNLESS OTHERWISE SCHEDULED.
5. ALL HOT AND COLD WATER SUPPLY LINES, AND ALL DRAIN LINES AT H.C. LAVATORIES SHALL BE INSULATED AND PROTECTED WITH PREMANUFACTURED INSULATION ASSEMBLIES WHICH MEET ADA ACCESSIBLE CRITERIA. PROVIDE HANDI BASIN – GUARD AS MANUFACTURED BY TRUEBRO OR EQUAL.

EQUIPMENT SCHEDULE

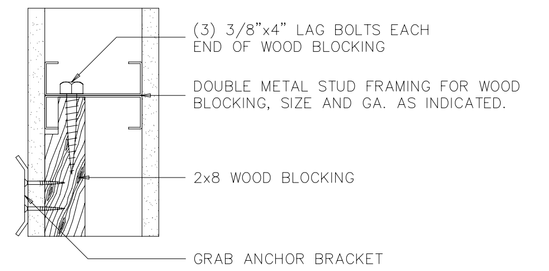
ITEM #	QUAN.	DESCRIPTION	REMARKS
1	48	RANGE – WHIRLPOOL MODEL RF378PXGQ	
2	48	REFRIGERATOR – WHIRLPOOL MODEL ET14JKXJW	
3	48	DISHWASHER – WHIRLPOOL MODEL DU850DWGQ	
4	48	MICROWAVE/ EXHAUST – WHIRLPOOL MODEL MH6130XEQ	
5	48	WASHER/ DRYER – WHIRLPOOL MODEL LTE 6234DQ	
6	2	OVEN – FRIGIDAIRE GALLERY LINE MODEL FEB786CE-S	
7	2	COOKTOP – GE MODEL JP350TB	
8	3	REFRIGERATOR – WHIRLPOOL MODEL ED20KXFW	1
9	2	DISHWASHER – ASKO MODEL D1716	2
10	2	MICROWAVE – WHIRLPOOL MODEL MT9101SFQ	
11	2	WASHER – GE MODEL WSXH208VWW	
12	2	DRYER – GE MODEL DSXH43EVWW	
13	2	VENT HOOD – GE MODEL JV635CWW	
14	50	GARBAGE DISPOSAL – KADETTE MODEL KCDB250G	3

EQUIPMENT SCHEDULE GENERAL NOTES:

1. EQUIPMENT/ APPLIANCES WILL BE OWNER FURNISHED AND CONTRACTOR INSTALLED.

EQUIPMENT SCHEDULE REMARKS

1. SAME MODEL IN THE SERVICE AREA BREAKROOM.
2. THERE IS NO APPROVED EQUAL.
2. REAR CORNER DRAIN SINKS IN ADA UNITS TO ALLOW FOR KNEE SPACE



3 GRAB BAR DETAIL
SCALE :NOT TO SCALE
RE : TOILET ACCESSORY GENERAL NOTE 1

FINISH SCHEDULE 1

KEY	ROOM NAMES	MATERIALS @ FLOOR	BASE	WALLS	CLG.	CLG. HEIGHT	FINISHES @ WALLS	CLG.	REMARKS
1	BEDROOM & CLOSET	CPT	WD	GB	GB	7'-11"	PT	PT	
2	LIVING ROOM & CLOSET	CPT	WD	GB	GB	7'-11"	PT	PT	
3	KITCHEN & LINEN	CT	WD	GB	GB	7'-11"	PT	PT	
4	BATH	CT	WD	GB	GB	7'-11"	PT	PT	4 6
5	LOBBY & CORRIDOR	CPT	CPT	GB	AT	7'-11"	PT	–	1
6	LOBBY & CORRIDOR	CT	CT	GB	AT	7'-11"	PT	–	1
7	CORRIDOR & TOILET	CPT	WD	GB	GB	7'-11"	PT	PT	
8	STAIR	RT	R	GB	GB	9'-2-1/2"	PT	PT	2
9	ELEVATOR	CPT	–	–	–		–	–	
10	BREAKROOM & OFFICE	CPT	WD	GB	GB	7'-11"	PT	PT	
11	HOUSEKEEPING & LINEN	CPT	WD	GB	GB	7'-11"	PT	PT	
12	JANITOR & STORAGE	SC	R	GB	GB	7'-11"	PT	PT	
13	ELECT. & MECH. AREAS	SC	R	GB	–	–	PT	–	5
14	UNFINISHED SPACE	SC	–	ES	GB	7'-11"	–	TF	3
15									

FINISH SCHEDULE LEGEND

FLOOR
- SC = SEALED CONCRETE
- CPT = CARPET
- RT = RUBBER TILE
- CT = CERAMIC TILE

BASE
- R = RUBBER
- CPT = CARPET COVE
- WD = WOOD

CEILING
- AT = ACOUSTICAL TILE
- PT = PAINT

WALLS
- GB = GYP. BOARD
- PT = PAINT
- VWC = VINYL WALL COVER
- TF = TAPE & FLOAT ONLY
- ES = EXPOSED STUDS
- PWC = PROTECTIVE WALL COVERING

FINISH SCHEDULE REMARKS

1. SHERWIN WILLIAMS 1134 MASTERPIECE TAN FROM FLOOR TO 2'-10" A.F.F., 1136 WATER CHESTNUT FROM 2'-10" A.F.F. TO CLG. PROVIDE OS 1801 ONE SOURCE (9/16 x 5) WOOD CHAIR RAIL @ TRANSITION. PAINT CHAIR RAIL SHERWIN WILLIAMS 1136 WATER CHESTNUT.
2. STAIRS SHALL HAVE RUBBER TREADS & RUBBER RISERS. PAINT EXPOSED STEEL STRINGER, HANDRAILS & ALL EXPOSED STEEL SURFACES.
3. TAPE & FLOAT GYPSUM BOARD JOINTS ONLY, CEILING IS UNFINISHED.
4. PROVIDE SOLID SURFACING TUB SURROUND FROM TOP OF TUB TO CEILING. PROVIDE 5/8" BACKER BOARD SUBSTRATE BEHIND ALL SOLID SURFACING TUB SURROND. PROVIDE SOLID SURFACING COUNTERTOPS AT AT ALL VANITIES. PROVIDE SOLID SURFACE LAVITORY BOWLS AT ALL VANITIES.
5. DELETE CEILINGS IN ELEC. ROOMS AND COMM. ROOMS. ELEVATOR EQUIPMENT ROOMS SHALL HAVE 1 HOUR RATED CEILINGS
6. ALL GYPSUM BOARD INDICATED TO BE PROVIDED AT WALLS, CEILINGS AT ALL BATHROOM TUB AND WATER CLOSET AREAS SHALL BE WATER RESISTANT GYPSUM BOARD, (WATER RESISTANT GYPSUM BOARD NOT REQUIRED IN VANITY AREA OF ALL BATHROOMS).

COLOR SCHEME

1 LIVING UNIT INTERIOR WALL PAINT FINISH
- MFG: SHERWIN WILLIAMS
- FINISH: SATIN
- COLOR: 1134 MASTERPIECE TAN

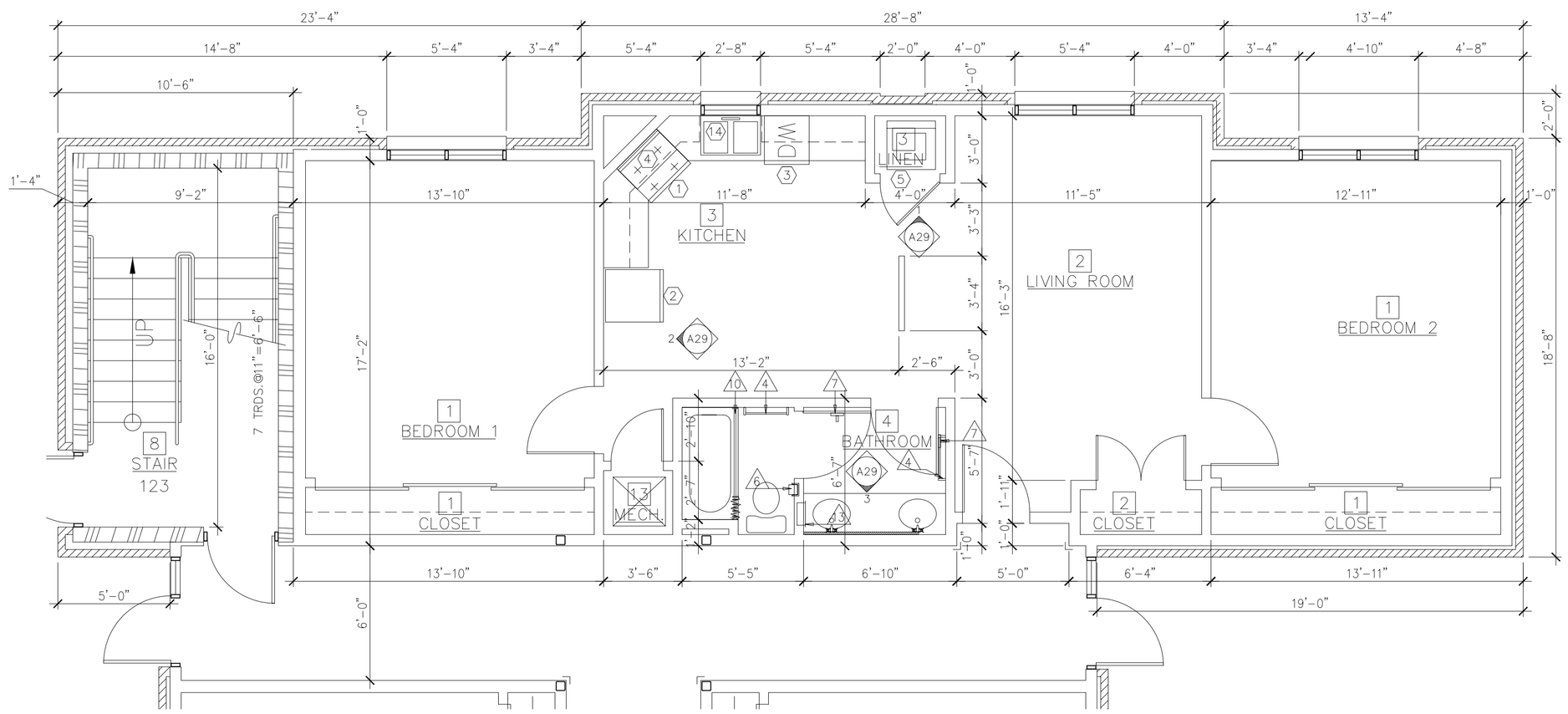
2 INTERIOR CEILING PAINT FINISH (CEILING SURFACES TO INCLUDED FURR DOWN, GRILLS, DIFFUSERS, REGISTERS, AND ACCESS PANELS)
- MFG: DEVOE & RAYMOLDS CO./ AMERITONE PAINT CORP.
- COLOR: 2H8P CLOVER SWEET

3 INTERIOR TRIM PAINT FINISHES (DOORS, FRAMES, AND CORRIDOR CHAIR RAIL)
- MFG: SHERWIN WILLIAMS
- FINISH: SEMI-GLOSS
- COLOR: 1136 WATER CHESTNUT

4 VINYL WALL COVERING (BID OPTION #5)
- MFG: JM LYNNE
- MATERIAL: LOMAINI
- STYLE NUMBER: SP-82-16
- COLOR: ABOVE CORRIDOR RAILING – NATURAL
  BELOW CORRIDOR RAILING – MUSHROOM

5 SOLID SURFACING
- A. KITCHEN & BATHROOM COUNTERTOPS, TUB SURROUNDINGS AND WINDOW SILLS
  - MFR: WILSON ART INTERNATIONAL
  - COLOR: D50-TM KHAKI BROWN TEMPEST
- B. UNDERMOUNT BATHROOM LAVATORY BOWLS
  - MFR: WILSON ART INTERNATIONAL
  - MODEL: BV 121
  - COLOR: 1572-SL ANTIQUE WHITE

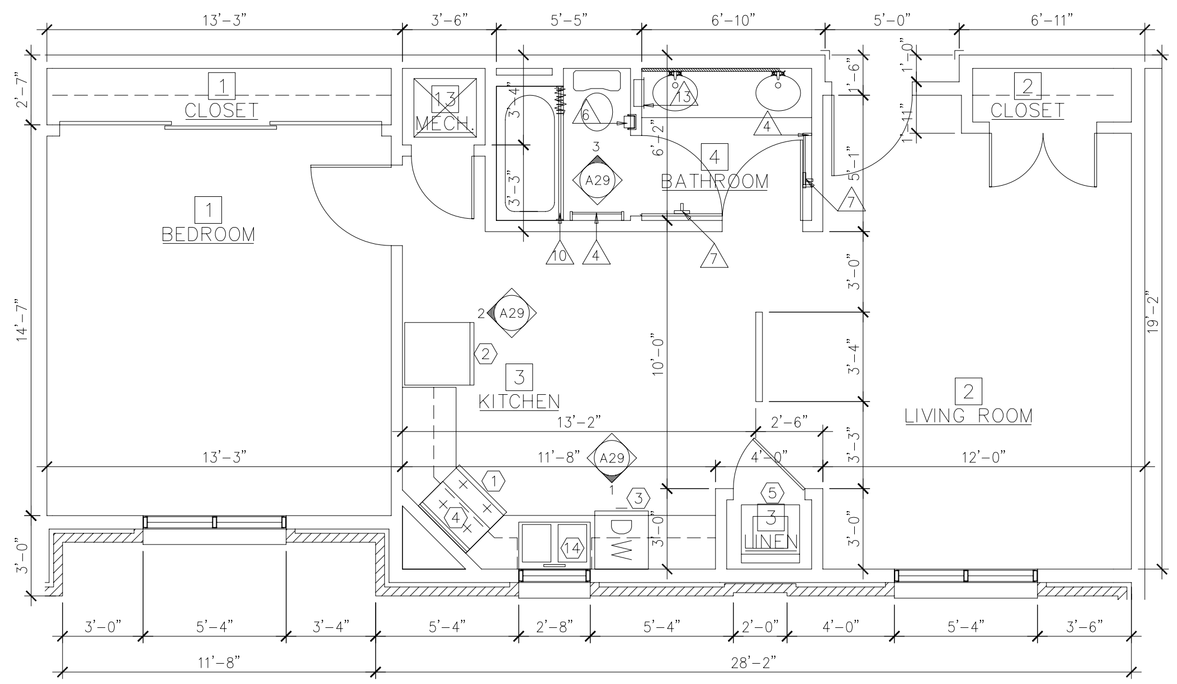
6 WOOD CABINET STAIN
- MATCH WILSON ART LAMINATE 10777-7
- PROVIDE COLOR SELECTION FOR APPROVAL



2 ENLARGED PLAN AT 2 BEDROOM UNIT
SCALE :1/4"=1'-0"
RE : 1/A1
0' 1' 2' 4' 8' 12'

NORTH

NOTE:
1. ALL DIMENSIONS SHOWN ARE FINISH FACE DIMENSIONS
2. EXTERIOR DIMENSIONS MAY VARY @ LIVING UNITS REFER TO SHEETS A7 & A8.



1 ENLARGED PLAN AT 1 BEDROOM UNIT
SCALE :1/4"=1'-0"
RE : 1/A1
0' 1' 2' 4' 8' 12'

NORTH

AIR EDUCATION & TRAINING COMMAND

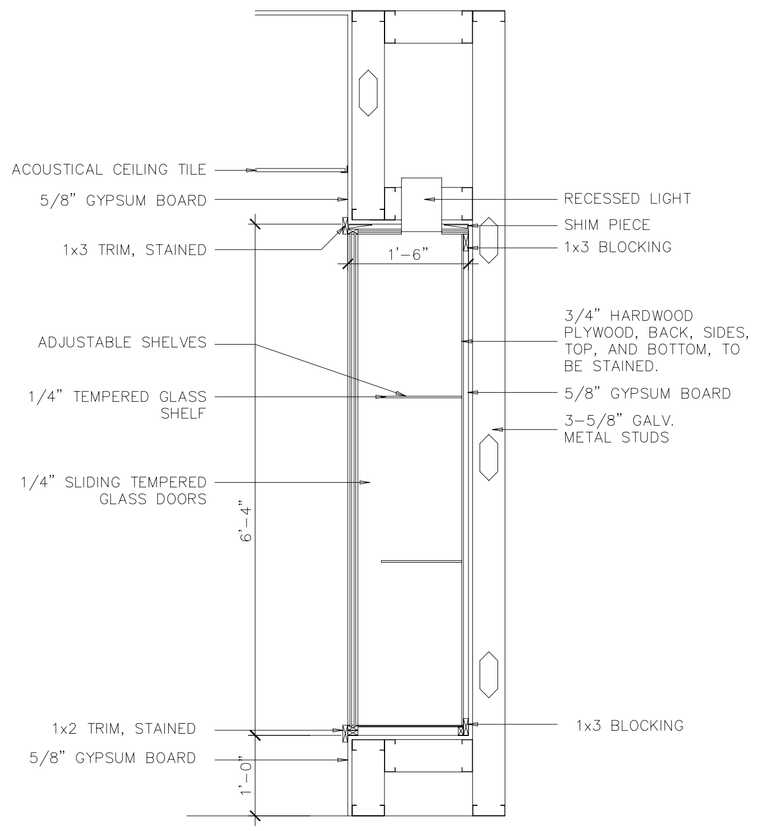
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Ceiling heights lowered from 8'-0" to 7'-11"			

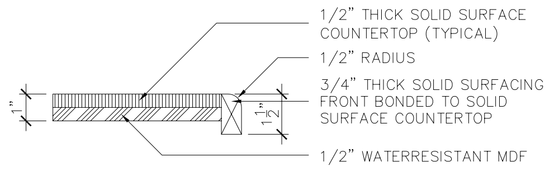
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ENLARGED PLANS
AS-BUILT

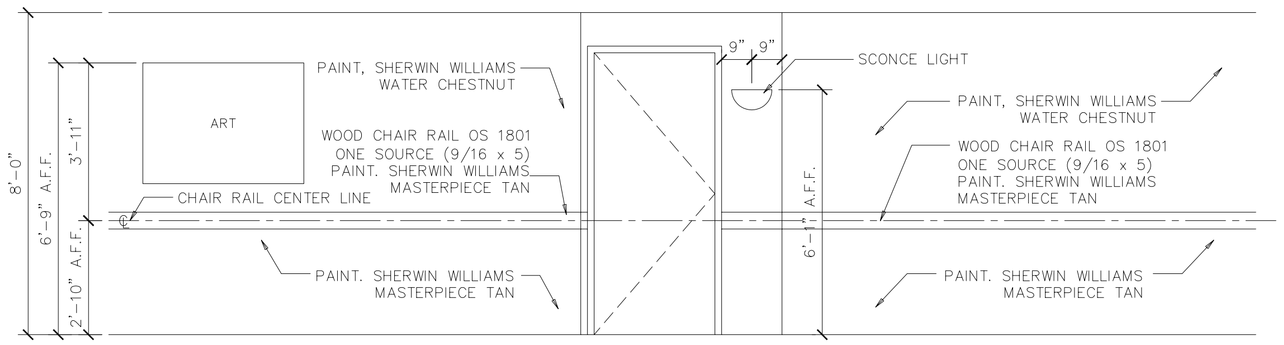
DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A27
SCALE: 1/4" = 1'-0"	36 OF 108



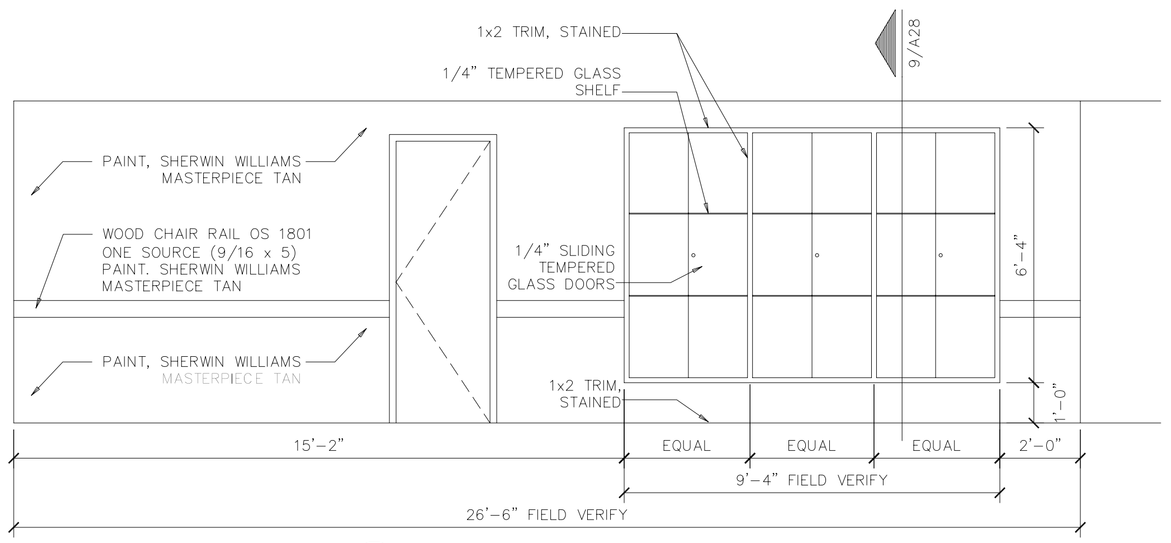
9 SECTION THRU DISPLAY CASES
SCALE : 3/4" = 1'-0"
RE :
0' 1' 2' 4'



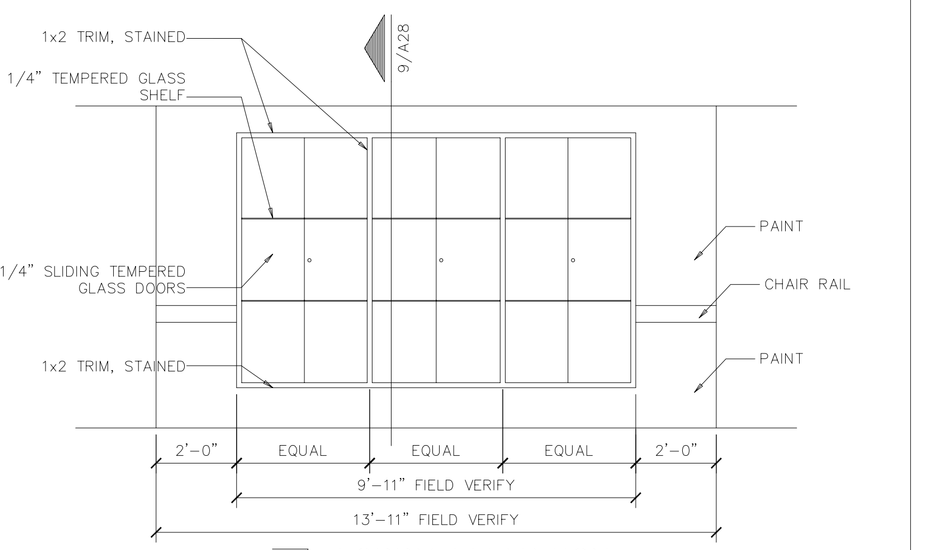
11 TYPICAL COUNTERTOP FRONT DETAIL
SCALE :3"=1'-0"
RE :



10 TYPICAL CORRIDOR ELEVATION
SCALE : 3/8" = 1'-0"
RE :
0' 1' 2' 4'



8 LOBBY ELEVATION
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'

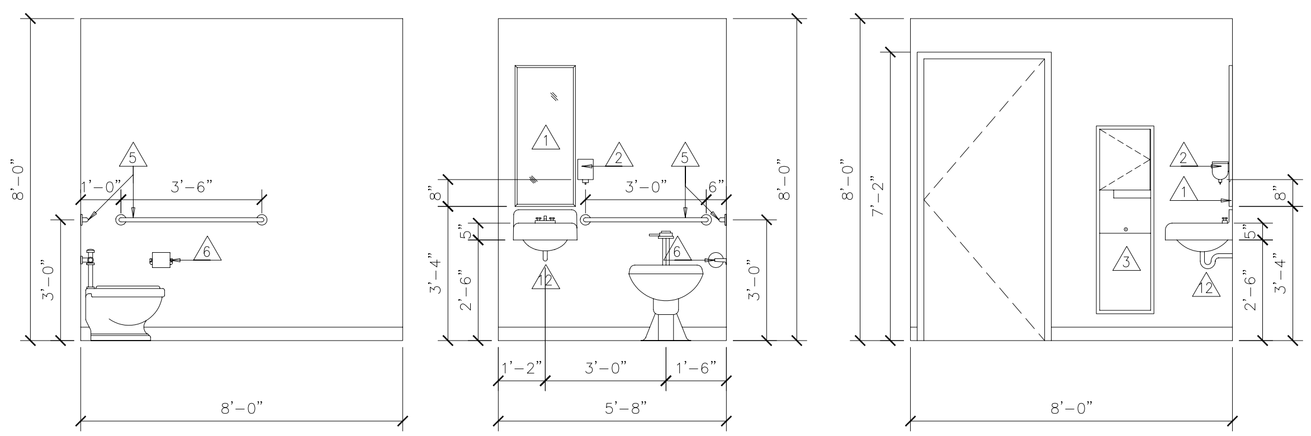


7 LOBBY ELEVATION
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'

EQUIPMENT SCHEDULE & GENERAL NOTE:
1. EQUIPMENT/APPLIANCES ARE TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED.

NOTE:
1. PREMANUFACTURED PREFINISHED CABINET STAIN TO MATCH WILSONART LAMINATE 10777-7 DARK MAHOGANY, SUBMIT SAMPLES FOR APPROVAL.

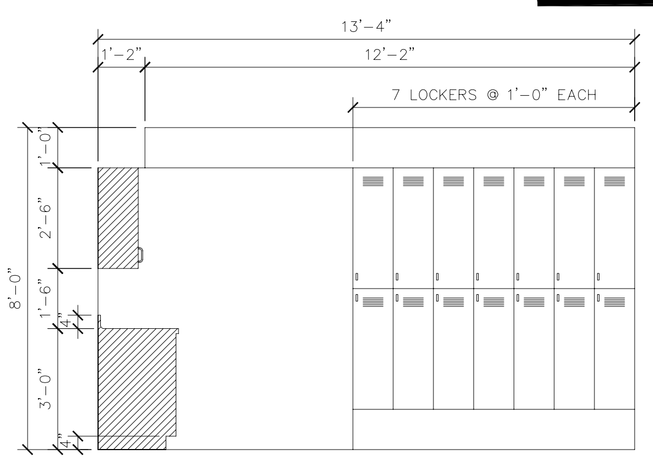
RE: TOILET ACCESSORY SCHEDULE ON SHEET A27 FOR ACCESSORIES.



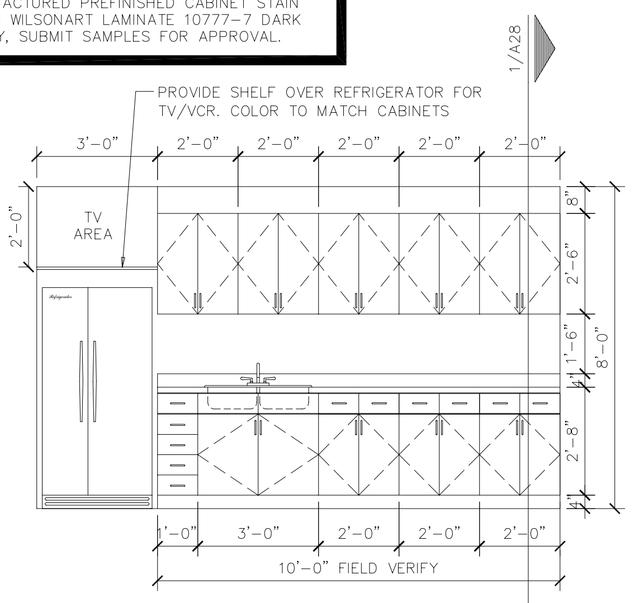
6 ELEVATION – TOILET 106
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'

5 ELEVATION – TOILET 106
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'

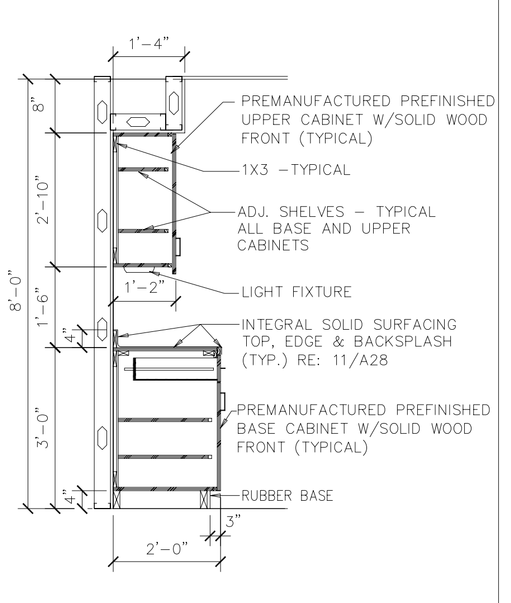
4 ELEVATION – TOILET 106
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'



3 BREAKROOM ELEVATION
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'



2 BREAKROOM ELEVATION
SCALE : 3/8" = 1'-0"
RE : 1/A25
0' 1' 2' 4'



1 MILLWORK SECTION
SCALE : 1/2" = 1'-0"
RE : 1/A29
0' 1' 2' 4'

AIR EDUCATION & TRAINING COMMAND

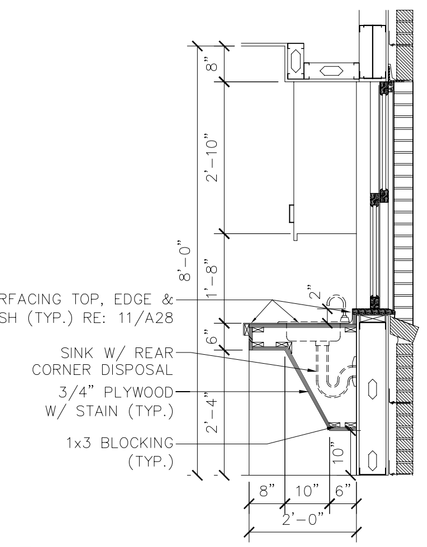
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

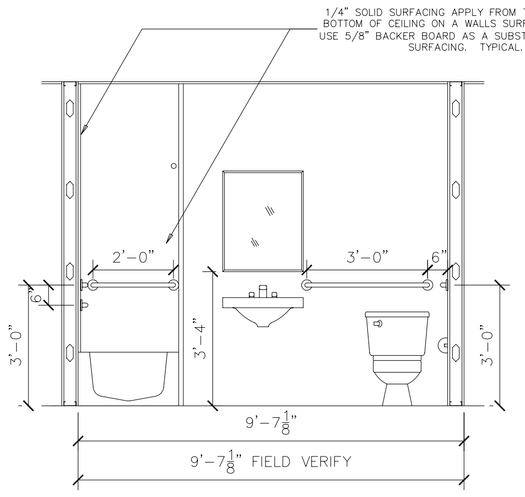
SHEET TITLE
INTERIOR ELEVATIONS
AS-BUILT

DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A28
SCALE: 3/8" = 1'-0"	37 OF 108



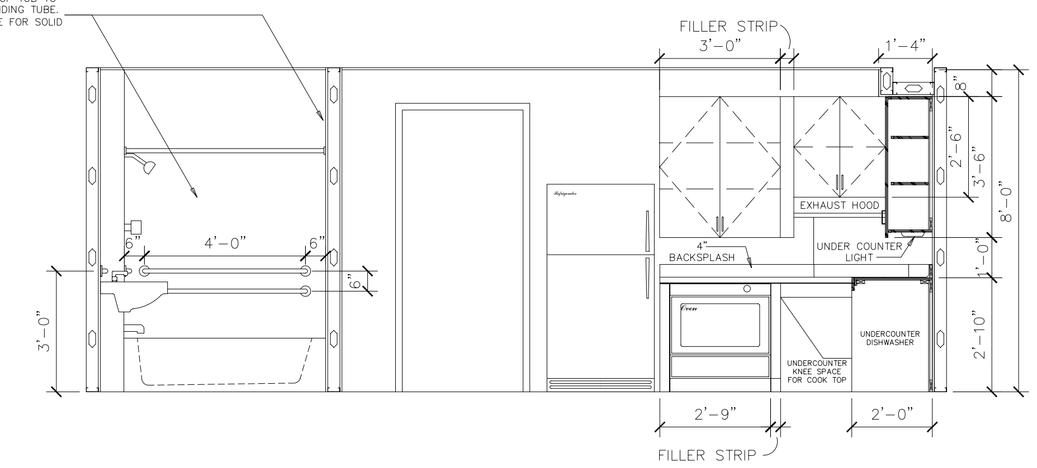
8 MILLWORK SECTION

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



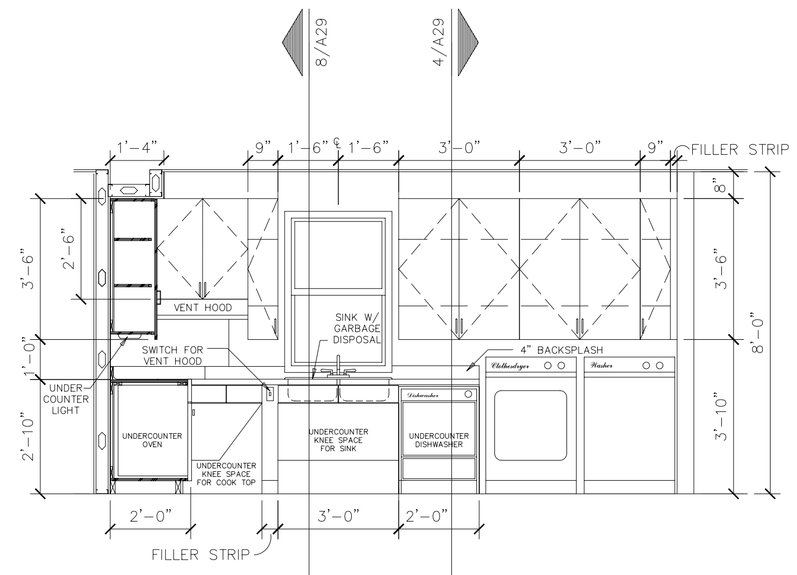
7 2 BEDROOM ADA UNIT ELEVATION

SCALE : 3/8" = 1'-0"
RE : 2/A26
0' 1' 2' 4'



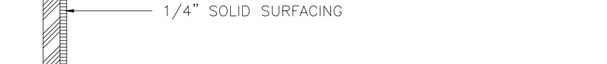
6 2 BEDROOM ADA UNIT ELEVATION/ SECTION

SCALE : 3/8" = 1'-0"
RE : 2/A26
0' 1' 2' 4'



5 2 BEDROOM ADA UNIT ELEVATION

SCALE : 3/8" = 1'-0"
RE : 2/A26
0' 1' 2' 4'



9 SOLID SURFACING TUB SURROND DETAIL

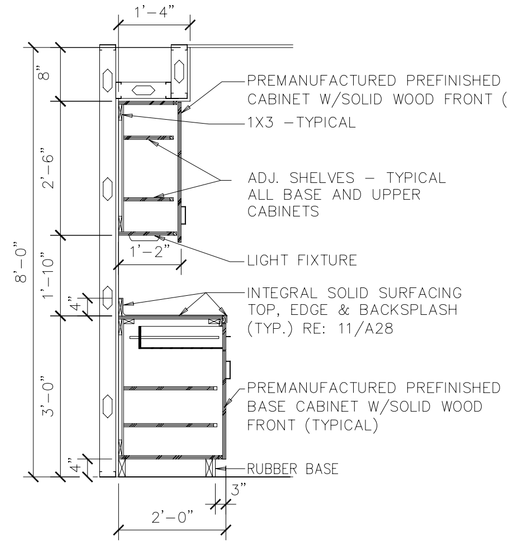
SCALE : 3"=1'-0"
RE : 3/A29

EQUIPMENT SCHEDULE & GENERAL NOTE:

1. EQUIPMENT/APPLIANCES ARE TO BE OWNER FURNISHED AND CONTRACTOR INSTALLED.

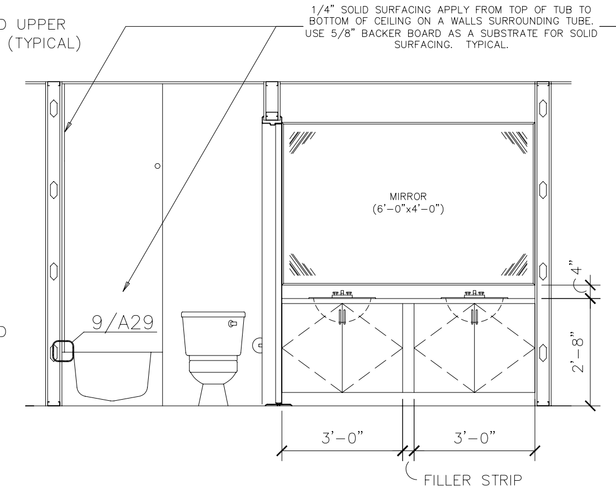
NOTE:

1. PREMANUFACTURED PREFINISHED CABINET STAIN TO MATCH WILSONART LAMINATE 10777-7 DARK MAHOGANY, SUBMIT SAMPLES FOR APPROVAL.



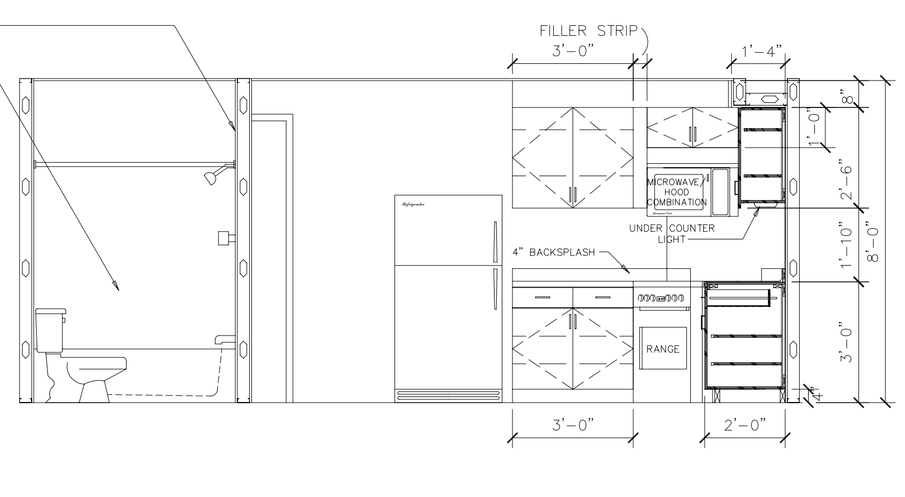
4 MILLWORK SECTION

SCALE : 1/2" = 1'-0"
RE : 1/A29
0' 1' 2' 4'



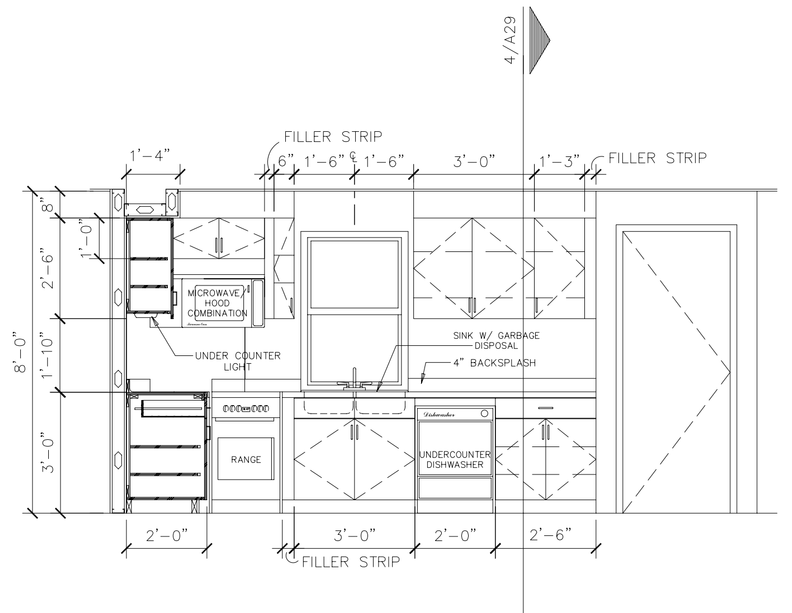
3 TYPICAL 1&2 BEDROOM UNIT ELEVATION

SCALE : 3/8" = 1'-0"
RE : 1/A27
0' 1' 2' 4'



2 TYPICAL 1&2 BEDROOM UNIT ELEVATION

SCALE : 3/8" = 1'-0"
RE : 1/A27
0' 1' 2' 4'



1 TYPICAL 1&2 BEDROOM UNIT ELEVATION

SCALE : 3/8" = 1'-0"
RE : 1/A27
0' 1' 2' 4'

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

1, 2 & ADA BEDROOM UNITS ELEVATIONS/ SECTIONS

AS-BUILT

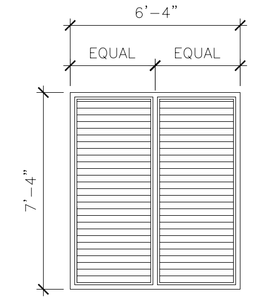
DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A29
SCALE: 3/8" = 1'-0"	38 OF 108

GLAZING SCHEDULE

GL-1 = INSULATED CLEAR GLASS

GL-2 = INSULATED TEMPERED CLEAR GLASS

GL-3 = 1/4" WIRE GLASS

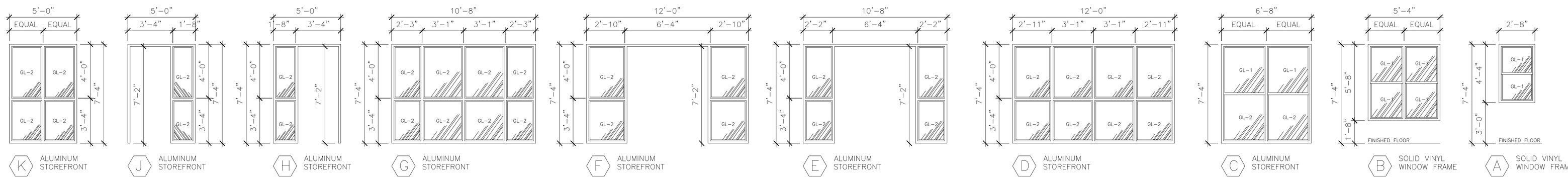


1 ALUMINUM

LOUVER ELEVATIONS

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

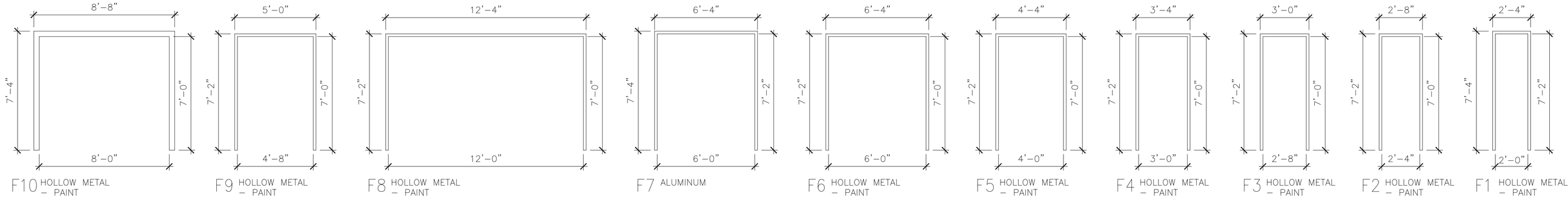
0' 1' 2' 4' 8' 12'



WINDOW ELEVATIONS

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

0' 1' 2' 4' 8' 12'

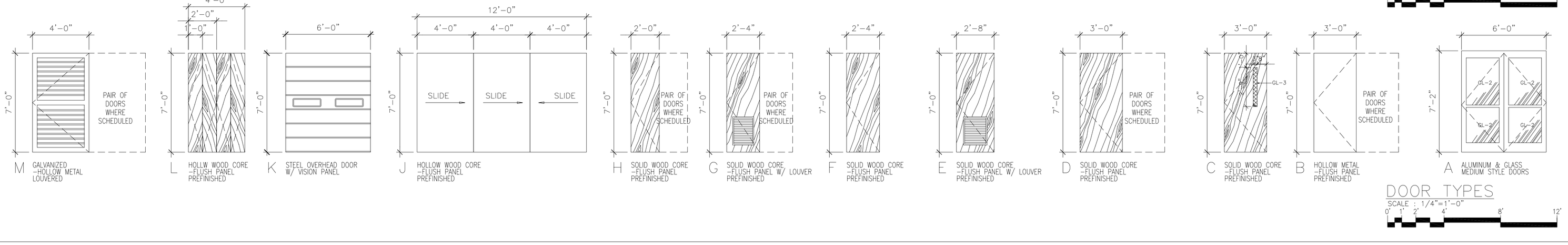


FRAME NOTE:
PROVIDE HOLLOW METAL KNOCK DOWN FRAMES IN LIEU OF FULLY WELDED HOLLOW METAL FRAMES AT ALL DOORS EXCEPT CORRIDOR AND/ OR FIRE RATED DOORS.

FRAME ELEVATIONS

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

0' 1' 2' 4' 8' 12'



DOOR TYPES

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

0' 1' 2' 4' 8' 12'

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

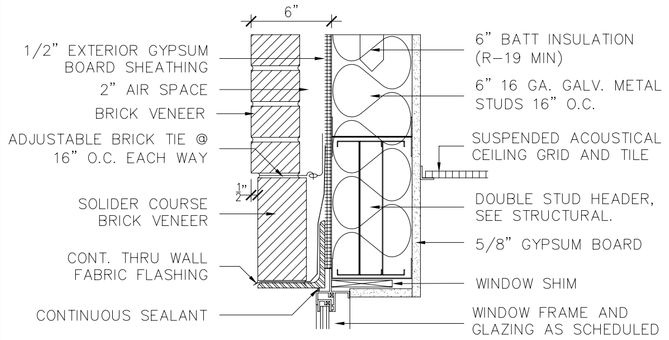
TEMPORARY LODGING FACILITY

SHEET TITLE

DOOR & WINDOW ELEVATIONS

AS-BUILT

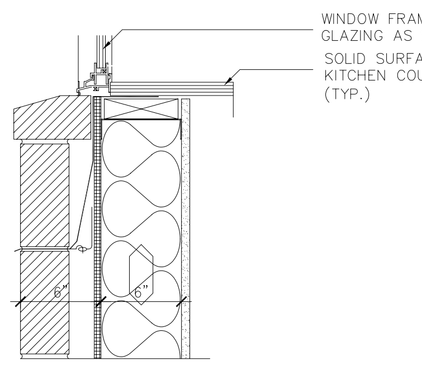
DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A30
SCALE: 1/4"=1'-0"	39 OF 108



NOTE:
PROVIDE BRICK MODELING ON EXTERIOR OF WINDOW.

21 WINDOW HEAD DETAIL

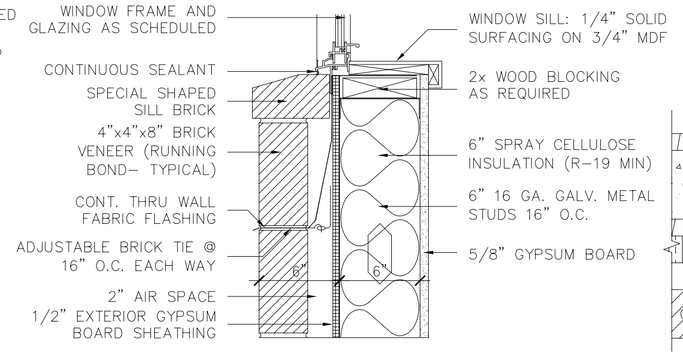
SCALE :1-1/2"=1'-0"
RE : 1/A18, 2/A19, & 2/A20



SEE 19/A31 FOR NOTES NOT SHOWN HERE

20 WINDOW SILL DETAIL

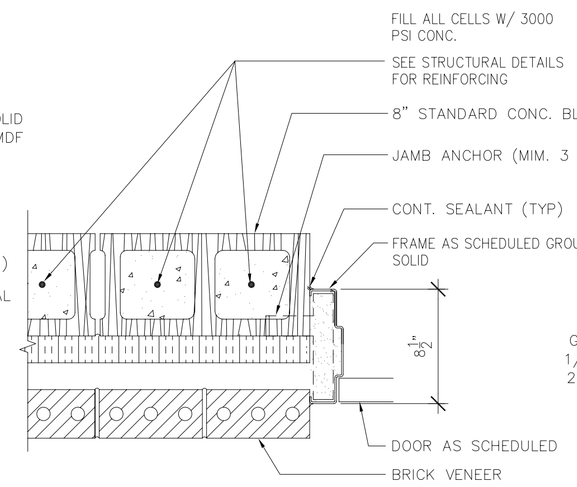
SCALE :1-1/2"=1'-0"
RE : 1/A19



NOTE:
PROVIDE BRICK MODELING ON EXTERIOR OF WINDOW.

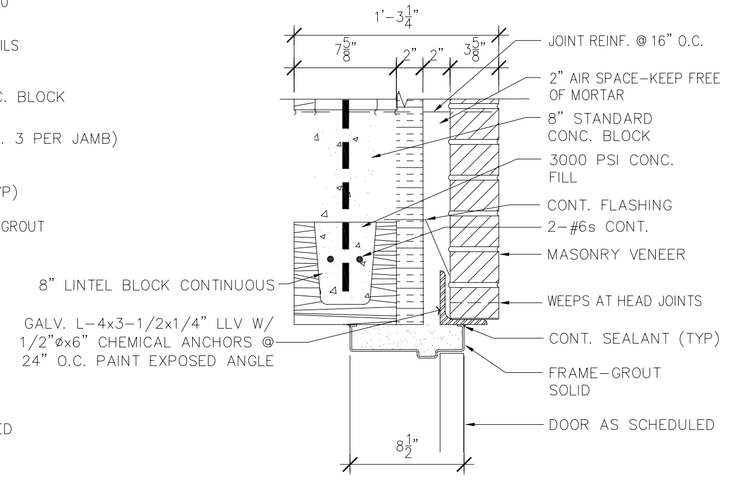
19 WINDOW SILL DETAIL

SCALE :1-1/2"=1'-0"
RE : 2/A19



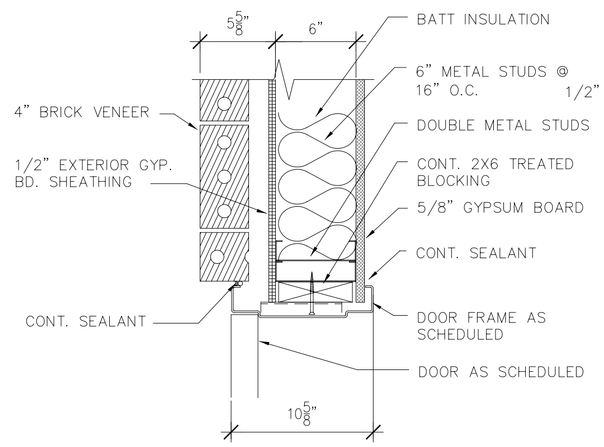
18 EXTERIOR JAMB DETAIL FIRESTAIR

SCALE :1-1/2"=1'-0"
RE: 1/A1 & 1/A2



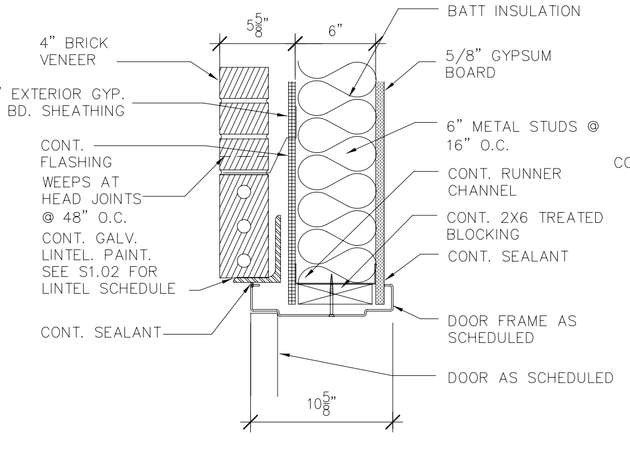
17 EXTERIOR HEAD DETAIL FIRESTAIR

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



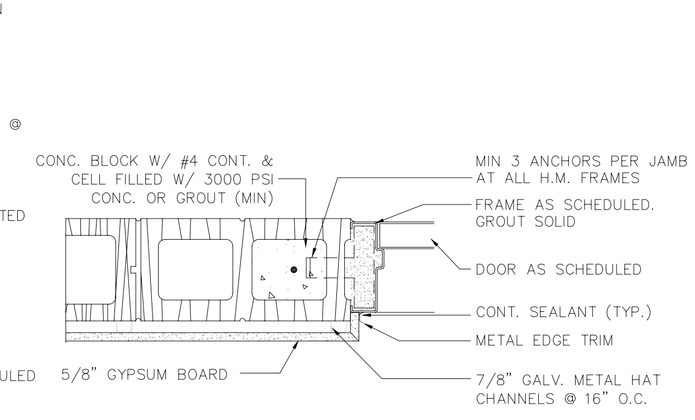
16 EXTERIOR JAMB DETAIL

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



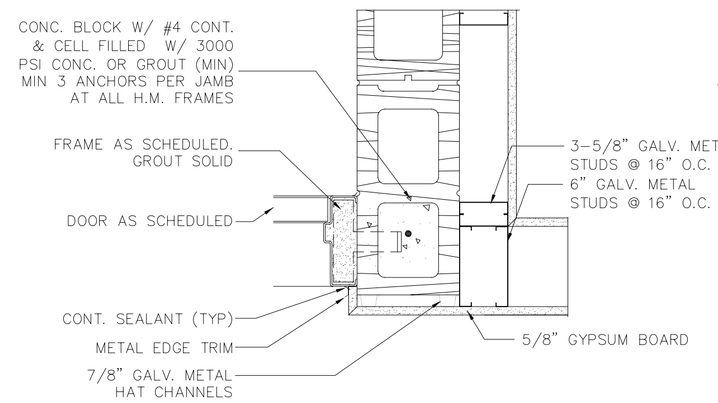
15 EXTERIOR HEAD DETAIL

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



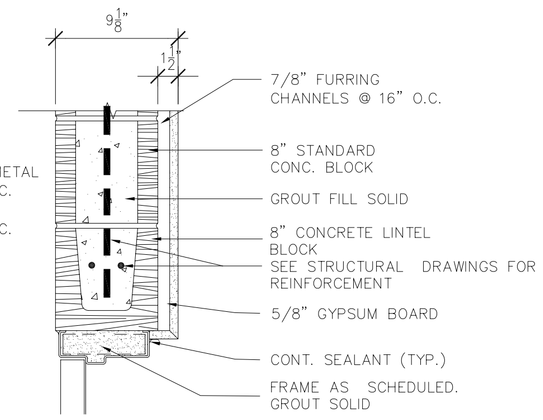
14 INTERIOR JAMB DETAIL FIRESTAIR

SCALE :1-1/2"=1'-0"
RE: 1/A1, 1/A2, 1/A3, & 1/A4



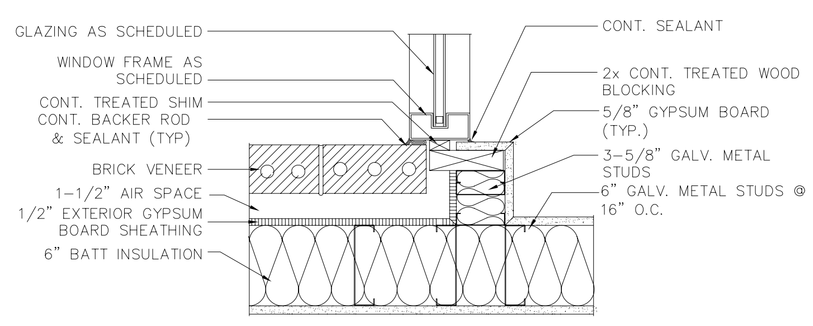
13 INTERIOR JAMB DETAIL FIRESTAIR

SCALE :1-1/2"=1'-0"
RE: 1/A1, 1/A2, 1/A3, & 1/A4



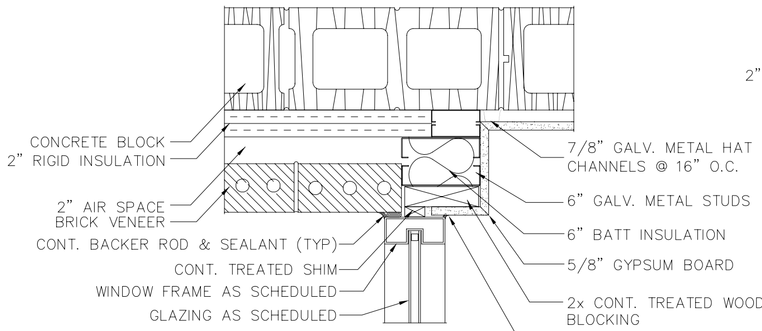
12 INTERIOR HEAD DETAIL FIRESTAIR

SCALE :1-1/2"=1'-0"
RE: 1/A24



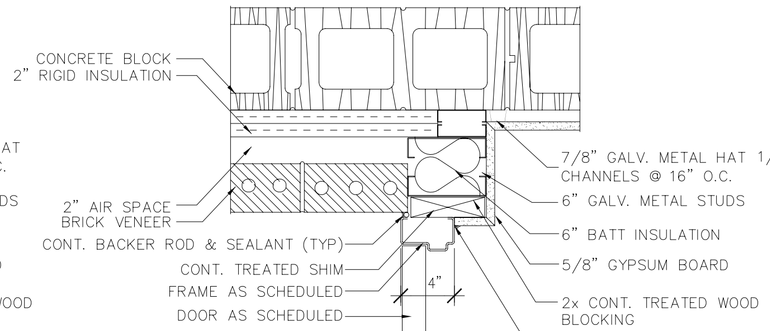
11 EXTERIOR JAMB DETAIL

SCALE :1-1/2"=1'-0"
RE: 1/A3 & 1/A4



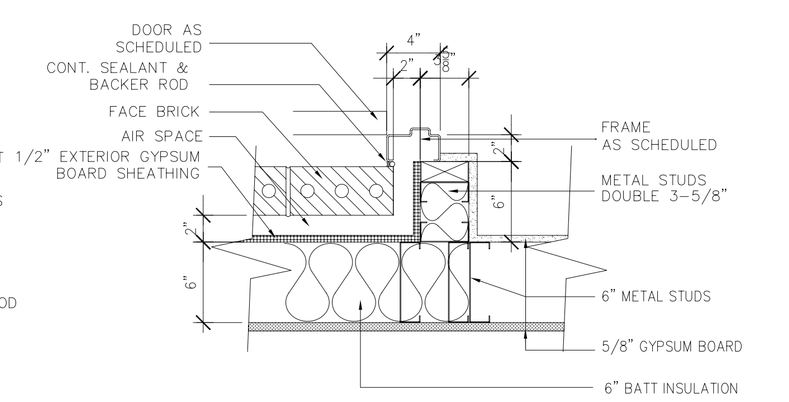
10 EXTERIOR JAMB DETAIL

SCALE :1-1/2"=1'-0"
RE: 1/A3 & 1/A4



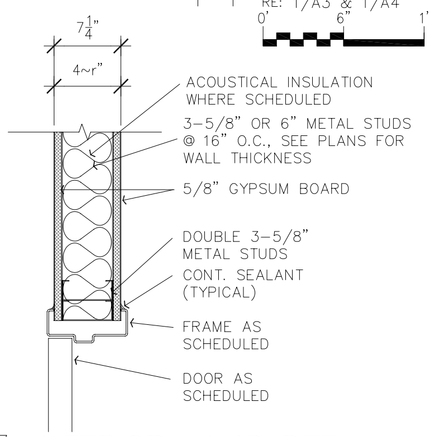
9 EXTERIOR JAMB DETAIL

SCALE :1-1/2"=1'-0"
RE: 1/A1 & 1/A2



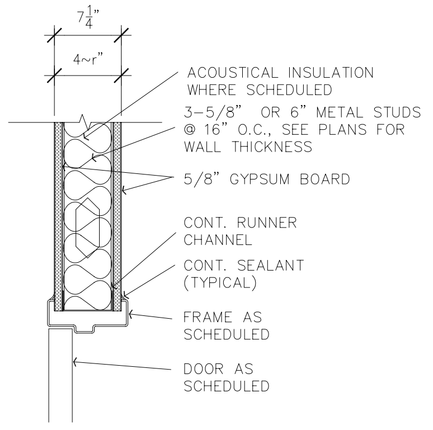
8 EXTERIOR JAMB DETAIL

SCALE :1-1/2"=1'-0"
RE: 1/A1 & 1/A2



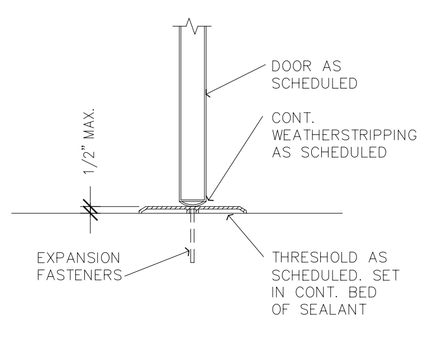
7 INTERIOR JAMB DETAIL

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



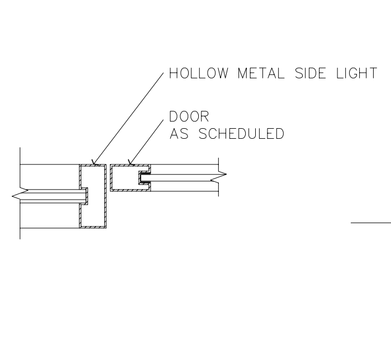
6 INTERIOR HEAD DETAIL

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



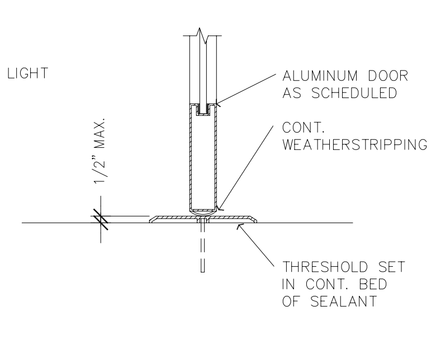
5 TYPICAL THRESHOLD

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



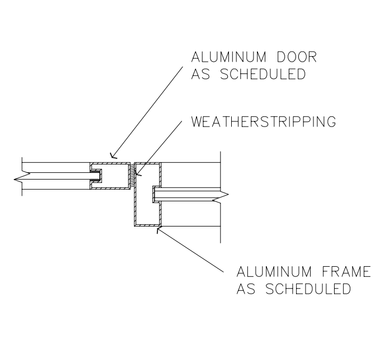
4 JAMB DETAIL

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



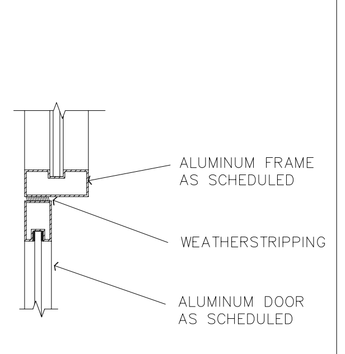
3 THRESHOLD DETAIL

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



2 JAMB DETAIL

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



1 HEAD DETAIL

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

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

DOOR & WINDOW DETAILS

AS-BUILT

DRAWN BY: JB	LEAD DESIGNER: BG
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BG	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: A31
SCALE: 1-1/2" = 1'-0"	40 OF 108

GENERAL NOTES

In case of conflict between the General Notes below and the specifications the more rigid requirement shall govern unless amended in writing by the Engineer.

DESIGN DATA

1. Design Codes – (All latest editions unless noted)
   - American Concrete Institute (ACI)
   - American Institute of Steel Construction (AISC)
   - American Welding Society (AWS)
   - Steel Joist Institute (SJI)
   - Steel Deck Institute (SDI)
   - American Iron and Steel Institute
     Specifications for the Design of Cold Formed Steel Structural Members
   - International Building Code (IBC)
   - American Society of Civil Engineers (ASCE 7-95)
     Minimum Design Loads for Buildings and Other Structures
2. Material Specifications and Design Stresses
   - Anchor Bolts ..... Fy = 36,000 psi (ASTM A307 or ASTM A36)
   - Embedded Steel ..... Fy = 36,000 psi (ASTM A36)
   - Structural Steel, L, C & Plates..... Fy = 36,000 psi (ASTM A36)
   - Structural W-Shape Members ..... Fy = 50,000 psi (ASTM A992, if unavailable locally ASTM A572)
   - Tube Steel Columns ..... Fy = 46,000 psi (ASTM A500, Grade B)
   - Std Pipe Columns ..... Fy = 36,000 psi (ASTM A501, Grade B)
   - Std Pipe Bollards or Guards ..... Fy = 35,000 psi (ASTM A53, Type E/S Gr. B)
   - Cast-in-place Concrete
     - Footings ..... f'c = 3,000 psi at 28 days.
     - Interior slabs-on-grade ..... f'c = 3,000 psi at 28 days.
     - Ext exposed concrete (air entrained) .. f'c = 4,000 psi at 28 days.
     - Tilt-up Concrete Panels ..... f'c = 4,000 psi at 28 days.
     - Precast Concrete ..... f'c = 5,000 psi at 28 days.
   - Reinforcing Steel
     - #3 and larger bars ..... Fy = 60,000 psi (ASTM A615, Grade 60) (ASTM A616(S1), Grade 60)
     - Welded Plain Wire Fabric ..... ASTM A185
   - Light Gage Metal Framing
     - 18 ga or lighter ..... Fy = 33,000 psi
     - 16 ga or heavier ..... Fy = 50,000 psi
   - Purlins and Girts ..... Fy = 55,000 psi
3. Design Soil Bearing Pressures
   - Reference Soil and Foundation Investigation by Grubbs, Hoskyn, Barton & Wyatt Consulting Engineers, Little Rock, AR.
   - Footings on natural soils or compacted structural fill are designed for a maximum soil bearing pressure of 1,800 psf for continuous footings and 2,000 psf for individual footings.
   - If the soil at the footing bearing elevations shown is of questionable bearing value, the Engineer or Architect shall be notified immediately.
   - After footing excavations are completed and before placing concrete, the excavated areas shall be inspected and approved by the Owner selected independent testing laboratory.
4. Design Loads:
   4A. Live & Dead Loads:
   - Roof Dead Loads ..... 13 psf
   - Roof Live Load 18
   - Floor Dead Load ..... 65 psf
   - Floor Live Load
     - Residential ..... 40 psf
     - Corridors Above First Floor ..... 80 psf
   - Foundation Load ..... Theoretical Volume times 150 pcf

   4B. Snow Load: Per IBC 2000 & ASCE 7-95
   - Ground Snow Load ..... 10 psf
   - Exposure Coefficient Ce ..... 1 psf
   - Thermal Factor Ct ..... 1 psf
   - Importance Factor for Snow I ..... 1 psf
   - Roof Slope Factor Cs ..... 1 psf
   - Roof Snow Load ..... 7 psf
     Use Min. Pf= 15 psf

   4C. Wind Loads: Per IBC 2000 & ASCE 7-95
   - Wind Speed ..... 90 mph
   - Wind Exposure Category C
   - Wind Use Factor 1
   - Velocity Pressure ..... 16.6 psf

   4D. Seismic Load: Per IBC 2000
   - Sds 0.49
   - Sd1 ..... 0.24
   - Seismic Design Category 1
   - Seismic Design Category ..... D
   - Basic Structural System ..... Bearing Wall System
   - Seismic Resisting System ..... Light Framed Walls W/ Shear Panels
   - The Analysis Procedures ..... Equivalent Lateral Force Procedure

5. Deflection and Drift Limitations:

Roof/Floor Members	Live Load	L/360
	D & L Load	L/240
Building Drift		H/400
Story Drift		0.020 hsx

GENERAL INFORMATION

1. All columns shall be centered on grid lines unless noted otherwise.
2. All column footings shall be centered on columns unless noted otherwise.
3. All wall footings shall be centered on walls unless noted otherwise.
4. Unless otherwise noted or detailed, concrete pads for mechanical equipment shall be 4" thick (minimum) and reinforced with #3 @ 12"o.c. each way centered.
5. Substitution of expansion anchors for embedded anchors shall not be permitted.
6. Weights of mechanical equipment shown on the structural plans are for units specified by the Mechanical Engineer. Contractor shall verify weights and any substitutions that result in increase weight shall be approved by the Structural Engineer.
7. All fill material under structure shall be sandy clay or clayey sand exhibiting a liquid limit less than 35. Fill material shall be placed in loose lifts not to exceed 8" and compacted to a density of not less than 95% of Modified Proctor Maximum Dry Density (ASTM D-1557) at or slightly wet of optimum moisture content. In place moisture and density of each lift shall be determined by in-situ field tests prior to placing additional fill.
8. Backfill both sides of all foundation and retaining walls equally until low side is up to finish grade. Do not backfill any walls until concrete has reached its specified 28-day compressive strength.
9. A 6-mil minimum polyethylene film vapor retarder shall be placed below all interior slabs-on-grade.
10. Provide a 4-inch clean medium to coarse sand or gravel compacted drainage fill below all interior slabs-on-grade unless noted or detailed otherwise.
11. Permanent stability of the building and components are not provided until the erection is completed as shown on the contract drawings. Per sect 7.9.1 of AISC 9th edition Code of Standard Practice, "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".
12. The contractor shall insure that all construction loads do not exceed 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.

CAST-IN-PLACE CONCRETE

1. Arrangement and bending of reinforcing steel shall be in accordance with ACI detailing manual, latest edition.
2. Reinforcing steel shall be new and all bars shall be deformed.
3. Where splices are required in reinforcing, bars shall be lapped with minimum lengths as listed below.

LAP LENGTHS FOR SPLICES		
BAR SIZE	TOP BARS*	OTHER
#3	1'-5"	1'-4"
#4	1'-11"	1'-5"
#5	2'-4"	1'-10"
#6	2'-10"	2'-2"
#7	4'-7"	3'-7"
#8	5'-10"	4'-6"
#9	7'-2"	5'-6"

* Based on Minimum Concrete Cover of 1.50 inches. Top bars & horizontal bars with more than 12 inches of concrete cast below bars.

4. Provide suitable wire spacers, chairs, ties, etc., for supporting reinforcing steel in the proper position while placing concrete.
5. Concrete protective covering for reinforcement at surfaces not exposed directly to the ground shall be 3/4" for slabs, joists, and walls and 1-1/2" for beam stirrups and column ties or spirals.
6. Concrete protective covering for reinforcement at surfaces which will be exposed to the weather or be in contact with the ground shall be 2" for bars larger than #5 and 1-1/2" for #5 bars or smaller. Provide 3" cover below and at ends of footing bars.
7. Location and sizes of openings, sleeve, etc., required for other trades must be verified by these trades before placing concrete.

STRUCTURAL STEEL

1. Fabrication and erection of structural steel shall be in accordance with AISC specifications, latest edition.
2. Unless detailed otherwise or reactions are indicated, beam connections shall be selected to support one-half the total uniform load capacity shown in the "ALLOWABLE UNIFORM LOAD TABLES" in Part 2 of the AISC Steel Construction Manual, 9th Edition, for the given beam size, span and steel specification or for the beam reaction shown on the drawings, whichever is greater. The minimum beam connection shall not be smaller than those listed in Tables II and III, Part 4 of the AISC Steel Construction Manual, 9th Edition, for the given beam depth, bolt diameter and weld specification.
3. Unless detailed otherwise, all shop connections shall be welded.
4. Unless detailed otherwise, all field connections shall be made using 3/4" diameter and 1" diameter 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.
5. 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.
6. High strength bolts (3/4" round and 1" round - 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-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 pounds for 3/4" bolts and 35,000 lbs for 1" bolts.
7. Steel erector shall provide the necessary bracing during erection and until all steel is plumb and secure.

STEEL JOISTS

1. Steel joists shall be K, CS or VS series, welded type of the depth and size shown on the drawing.
2. Joists requiring wind uplift design shall be designed for the wind uplift loads as shown on the drawings.
3. Bridging shall be horizontal for K series joists "X-ed" where indicated on the plan. Joist bridging shall be sized spaced and installed according to SJI specifications.
4. Joists shall be welded to supporting steel in accordance with the SJI specifications.
5. Extend top and bottom chords where noted on the drawings.
6. Provide ceiling extensions in areas where ceilings occur.
7. All joists forty (40) feet and longer shall have a row of bolted diagonal bridging to be in place before slacking of hoisting lines.

STEEL FLOOR DECK

1. All metal floor deck shall be Vulcraft Type 15/16 20 gage, galvanized composite floor deck with a 3.5" normal weight concrete slab (measured from the bottom of the deck) reinforced with 6x6/W1.4xW1.4 WWF. Deck fastening shall be by welding as recommended by the manufacturer.

STEEL FORM DECK

1. Steel form deck for floor slabs shall be 0.6C, 26 gage or 1.0 C, 26 gage Conform galvanized form deck as manufactured by Vulcraft. Designation required is indicated on the drawings. Deck shall be welded in place according to the manufacturer's instructions and details on the drawings.

EXPANSION JOINT FILLER

1. Non-extruding premolded material composed of fiberboard impregnated with asphalt conforming to the requirements of ASTM D1751.

WATER STOPS

1. Waterstop-RX Volclay waterproofing by American Colloid Company.

LIGHT GAGE METAL TRUSSES

1. All light gage metal roof trusses are to be designed by the manufacturer for roof dead load and roof live load specified in Design Data" part 4. Wind load from any direction of 18 psf shall be included in the design. Allowable stresses may be increased 33% for load combinations including wind load. Deflections shall be limited to L/360 for both individual members and trusses. All light gage metal to be galvanized.
2. 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 as well as horizontal steel strapping for load bearing wall stud stability. Diagonal steel strapping for load bearing interior and exterior walls to prevent racking shall be designed by the manufacturer for the imposed wind loads.
3. Manufacturer to submit for approval design calculations with shop drawings stamped by a registered professional engineer. Shop drawings shall clearly indicate member sizes, gage of material, member design forces, and member end weld sizes and lengths.

LIGHT GAGE METAL STUDS, & MISC FRAMING

1. All light gage metal, except non-load bearing interior studs, shall be 16 gage minimum. non-bearing interior studs shall be 25 gage minimum. All light gage metal to be galvanized.
2. All window and door openings in load bearing walls are to have double joist headers with double studs each end for bearing.
3. All load bearing walls shall have horizontal bridging spaced at intervals not exceeding 4'-0" o.c. maximum

CONCRETE MASONRY

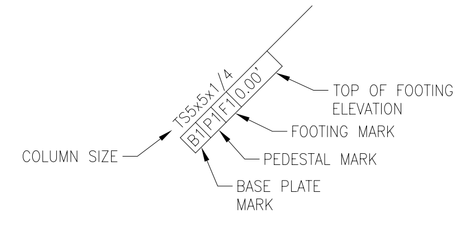
1. Net area compressive strength of masonry, f'm, shall be a minimum of 2,000 psi and minimum net area compressive strength of individual units shall be 2,800 psi.
2. Load bearing CMU shall conform to ASTM C90, Grade N, Type I. Non-load bearing concrete masonry units shall conform to ASTM C129, Type I.
3. Mortar shall be Type M or S conforming to property or protection requirements of ASTM C476 with a minimum compressive strength of 1,800 psi at 28-days.
4. All masonry fill concrete shall have a minimum compressive strength (f'c) at 28-days of 3,000 psi, maximum aggregate size shall be ?" and shall be placed in maximum lifts of 4'-0". All grout shall conform to ASTM C476, Fine Grout, and have a minimum compressive strength of 3,000 psi at 28-days.
5. Vertical cells to be filled with concrete or grout shall have vertical alignment sufficient to maintain a clear unobstructed continuous vertical cell not less than 2"x3" in plan dimension.
6. Vertical and horizontal reinforcement shall be provided as shown on the 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.
7. 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, except as otherwise noted for jamb bars.
8. Laps or splices of reinforcing steel in masonry shall be the greater of 24" or 40 bar diameters.
9. Place horizontal bars in 8" deep bond beam units at tops of all walls and at intermediate levels as indicated on the drawings.
10. Continue bond beam units and reinforcing bars uninterrupted around corners and across wall intersections. Bond beams shall be made continuous around corners with added corner bars. Bond beam reinforcing steel for interior and exterior walls shall be cont throughout, except at control and isolation joints. At control joints, intermediate bond beam reinforcement shall be discontinuous. Reinforcement in bond beams at roof or floor diaphragm levels and mezzanine levels shall be continuous.
11. Reinforcing steel around perimeter of openings shall extend not less than 40 bar diameters or 24", whichever is greater, beyond corner of opening. Vertical jamb bars will be the same size and number as normal vertical reinforcing. Foundation dowels are only required when bar development length does not exist below the opening.
12. Metal masonry-course reinforcing shall be truss type conforming to ASTM A82, not less than 9 gauge, galvanized at exterior walls. Furnish material with prefabricated corners and tees. Reinforcing shall be used in all partitions, spaced 16" o.c., vertically, joints lapped 6". Place reinforcing in first bed joint above and below all concrete slabs and wall openings.
13. Substitution of bricks or solid masonry units into CMU walls as spacers and/or sloping bond beams shall not be permitted.
14. Location of wall control joints shall be as indicated on the drawings.
15. Substitution of expansion anchors for embedded anchors shall not be permitted.
16. The contact surface of all foundations and floors which are to receive masonry work shall be roughened and cleaned prior to start of laying masonry.
17. No temporary openings or passages of any kind shall be allowed in any CMU wall. Cleanouts req'd for heights of over 5'-0"
18. Submit shop drawings for review by Architect/Engineer showing:
    - Vertical reinforcing location and method of splice.
    - Location of cores filled with grout.
    - Bond beam reinforcing locations, length, and splices.
19. Provide temporary bracing for all masonry walls conforming to OSHA requirements until permanent lateral support is complete.
20. The contractor shall not place loads on bond beams or masonry cells filled with concrete until the concrete has cured for a minimum of 3 days.

PLYWOOD ROOF DECK

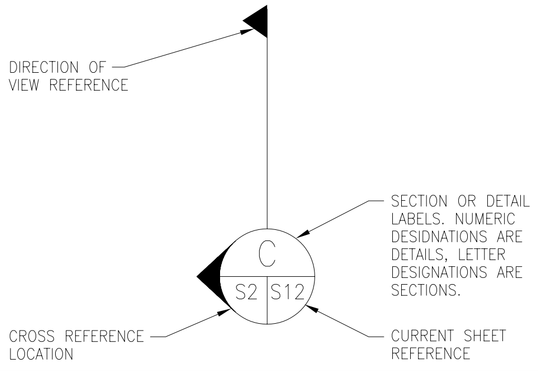
1. DECKING
   All roof deck shall be 5/8" APA structural rated I ext. sheathing and shall be placed in a manner to stagger all end joints of panels and with long dimensions perpendicular to supports. Aluminum panel clips shall be placed at midspan of panels between each truss as decking is being laid. Installer shall leave 1/8" space at all panel edges and end joints, unless otherwise recommended by manufacturer.
2. FASTENING
   Fastening requirements for decking to supports shall be in conformance with the American Plywood Association's (APA) "recommended minimum fastening schedule for APA panel roof sheathing" as stated herein: 5/8" decking shall be fastened to trusses with #10 screws spaced at 6" intervals along panel edges and at 12" intervals along intermediate supports.
3. PROTECTION
   Cover sheathing as soon as possible with roofing felt for protection against excessive moisture prior to roofing application.
4. Provide double blocking along main ridgelines, valleys, and all hip ridges.

ABBREVIATIONS

A.BOLTS	–	Anchor Bolts
AFF	–	Above Finish Floor
B/	–	Back of
BFE	–	Bottom of Footing Elevation
BLDG	–	Building
BLK	–	Block
BM	–	Beam
BOB	–	Bottom of Beam
BOT	–	Bottom
BUR	–	Built-up Roof
CJ	–	Control Joint, Contraction Joint, Construction Joint
CLG	–	Ceiling
CLR	–	Clear
CMU	–	Concrete Masonry Unit
COL	–	Column
CONC	–	Concrete
CONT	–	Continuous
DIM	–	Dimension
DTL	–	Detail
DWG	–	Drawing
E/	–	End of, Edge of
E.B.	–	Expansion Bolt
EL	–	Elevation
EJ	–	Expansion Joint
EA	–	Each
EQ	–	Equal
EXST	–	Existing
F/	–	Face of
FD	–	Floor Drain
FIN	–	Finish
FLR	–	Floor
FTG	–	Footing
GA	–	Gauge
GALV	–	Galvanized
GLB	–	Glue Laminated Beam
HD	–	Headed
HND	–	Hand
HORIZ	–	Horizontal
JBE	–	Joist Bearing Elevation
JST	–	Joist
LWB	–	Laminated Wood beam
LTWT	–	Light Weight
M.O.	–	Masonry Opening
MAS	–	Masonry
MATL	–	Material
MECH	–	Mechanical
MFR	–	Manufacturer
MISC	–	Miscellaneous
MTL	–	Metal
NIC	–	Not In Contract
NTS	–	Not to Scale
o.c.	–	On Center
OPP	–	Opposite
PLYWD	–	Plywood
PTD	–	Painted
RD	–	Roof Drain
REF	–	Reference
REINF	–	Reinforcing, Reinforcement
REQ'D	–	Required
SHT	–	Sheet
SIM	–	Similar
SJ	–	Saw Joint
SPECS	–	Specifications
STL	–	Steel
STR	–	Straight
STRL	–	Structural
SYM	–	Symmetrical
TOF	–	Top of Footing Elevation
THK	–	Thick
THRD	–	Threaded
TOB	–	Top of Beam Elevation
TOM	–	Top of Masonry Elevation
TOW	–	Top of Wall Elevation
TS	–	Tube Steel
TSE	–	Top of Slab Elevation
TYP	–	Typical
UNO	–	Unless Noted Otherwise
VERT	–	Vertical
WP	–	Working Point
W.P.	–	Waterproofing
W.S.	–	Waterstop
w/	–	With
w/o	–	Without
WD	–	Wood
WWF	–	Welded Wire Fabric



LEGEND



AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

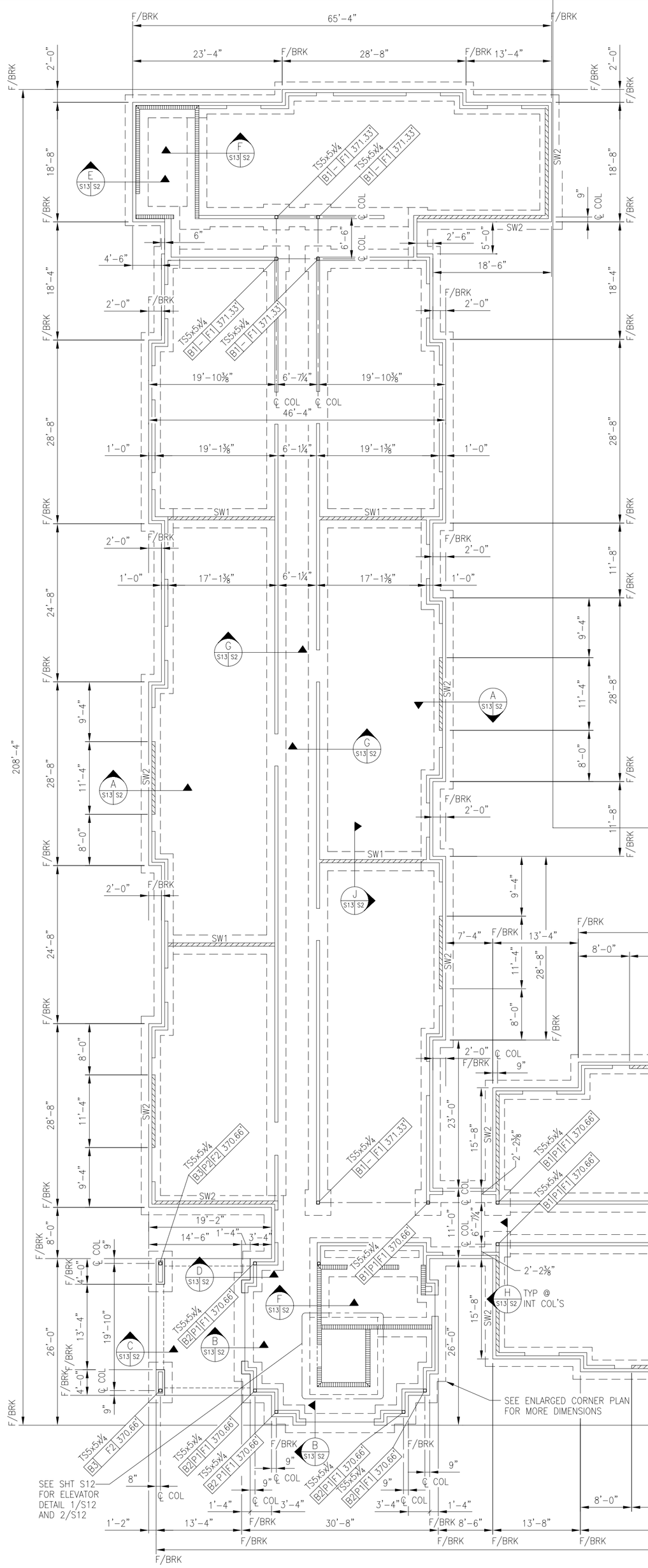
TEMPORARY LODGING FACILITY

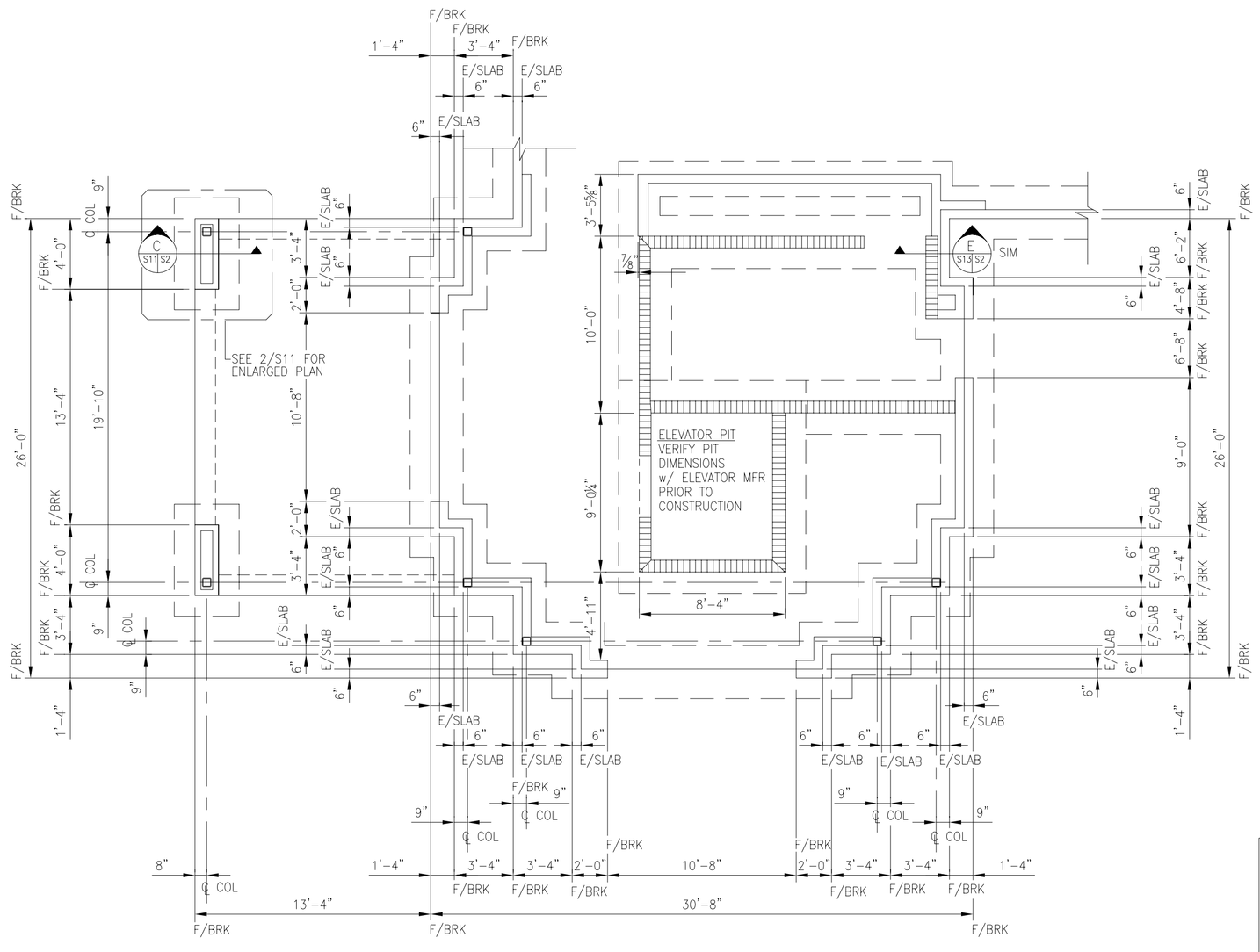
SHEET TITLE

GENERAL NOTES
AS-BUILT

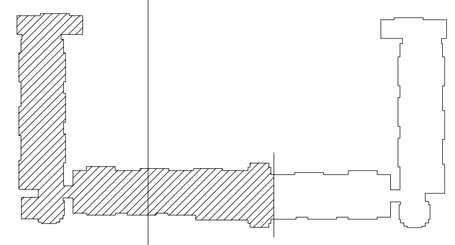
DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S1
SCALE: 3/4"=1'-0"	41 OF 108

DRAWING: 488135S1 EDITED BY: MD DESIGNED BY: TVR DATE EDITED: 12-10-01





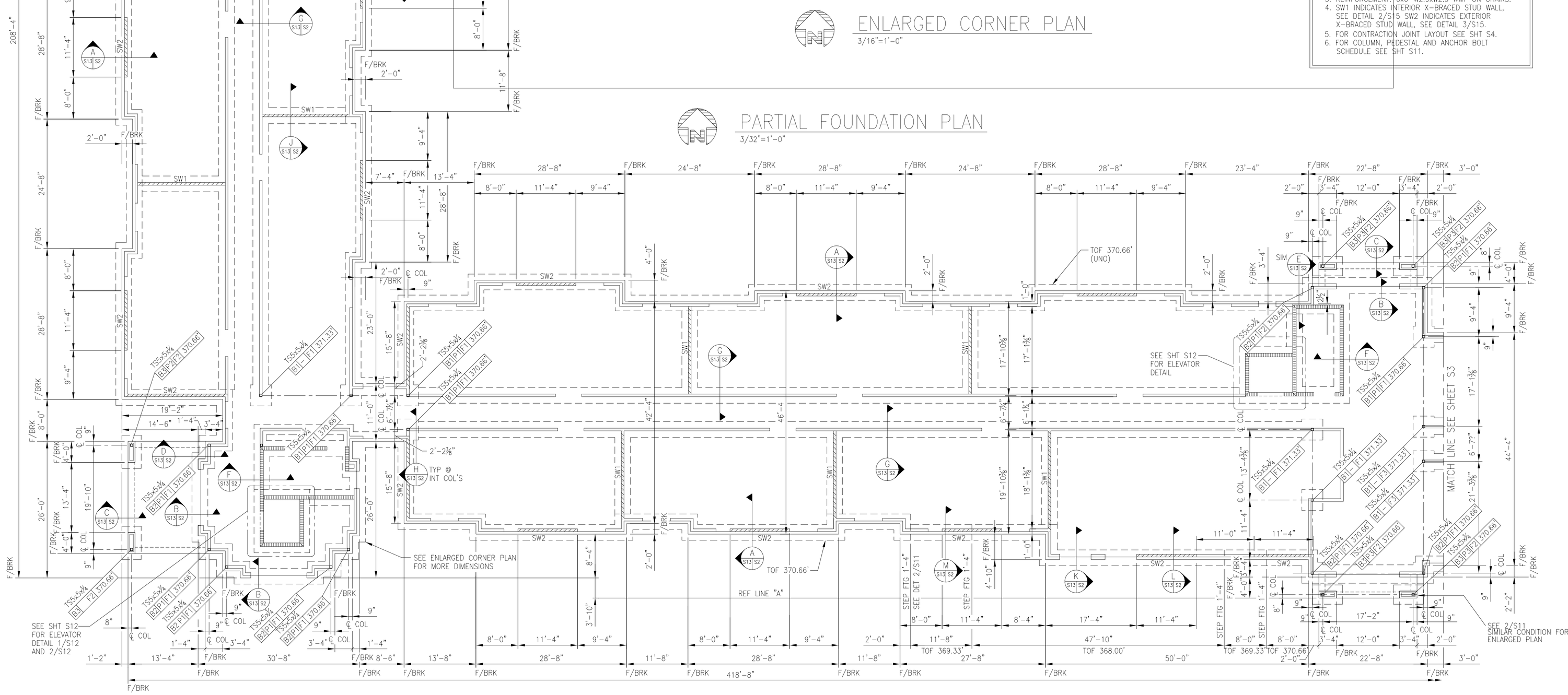
ENLARGED CORNER PLAN
3/16"=1'-0"



KEY PLAN

NOTES:
1. FINISH FLOOR EL 372.00' (REF 0'-0")
2. FLOOR CONSTRUCTION: 4" NORMAL WT CONCRETE w/ 2 LAYERS OF 6 MIL VAPOR RETARDER ON 4 INCHES GRANULAR FILL ON EITHER SELECT COMPACTED STRUCTURAL FILL OR UNDISTURBED SOIL.
3. REINFORCEMENT: 6x6-W2.9xW2.9 WWF ON CHAIRS.
4. SW1 INDICATES INTERIOR X-BRACED STUD WALL, SEE DETAIL 2/S15 SW2 INDICATES EXTERIOR X-BRACED STUD WALL, SEE DETAIL 3/S15.
5. FOR CONTRACTION JOINT LAYOUT SEE SHT S4.
6. FOR COLUMN, PEDESTAL AND ANCHOR BOLT SCHEDULE SEE SHT S11.

PARTIAL FOUNDATION PLAN
3/32"=1'-0"



LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL FOUNDATION PLAN
AS-BUILT

DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S2
SCALE: 3/32"=1'-0"	42 OF 108

DRAWING: 4881352 EDITED BY: CES DESIGNED BY: TVR DATE EDITED: 12-10-01

NOTES:
1. FINISH FLOOR EL 372.00' (REF 0'-0")
2. FLOOR CONSTRUCTION: 4" NORMAL WT CONCRETE w/ 2 LAYERS OF 6 MIL VAPOR RETARDER ON 4 INCHES GRANULAR FILL ON EITHER SELECT COMPACTED STRUCTURAL FILL OR UNDISTURBED SOIL.
3. REINFORCEMENT: 6x6-W2.9xW2.9 WWF ON CHAIRS.
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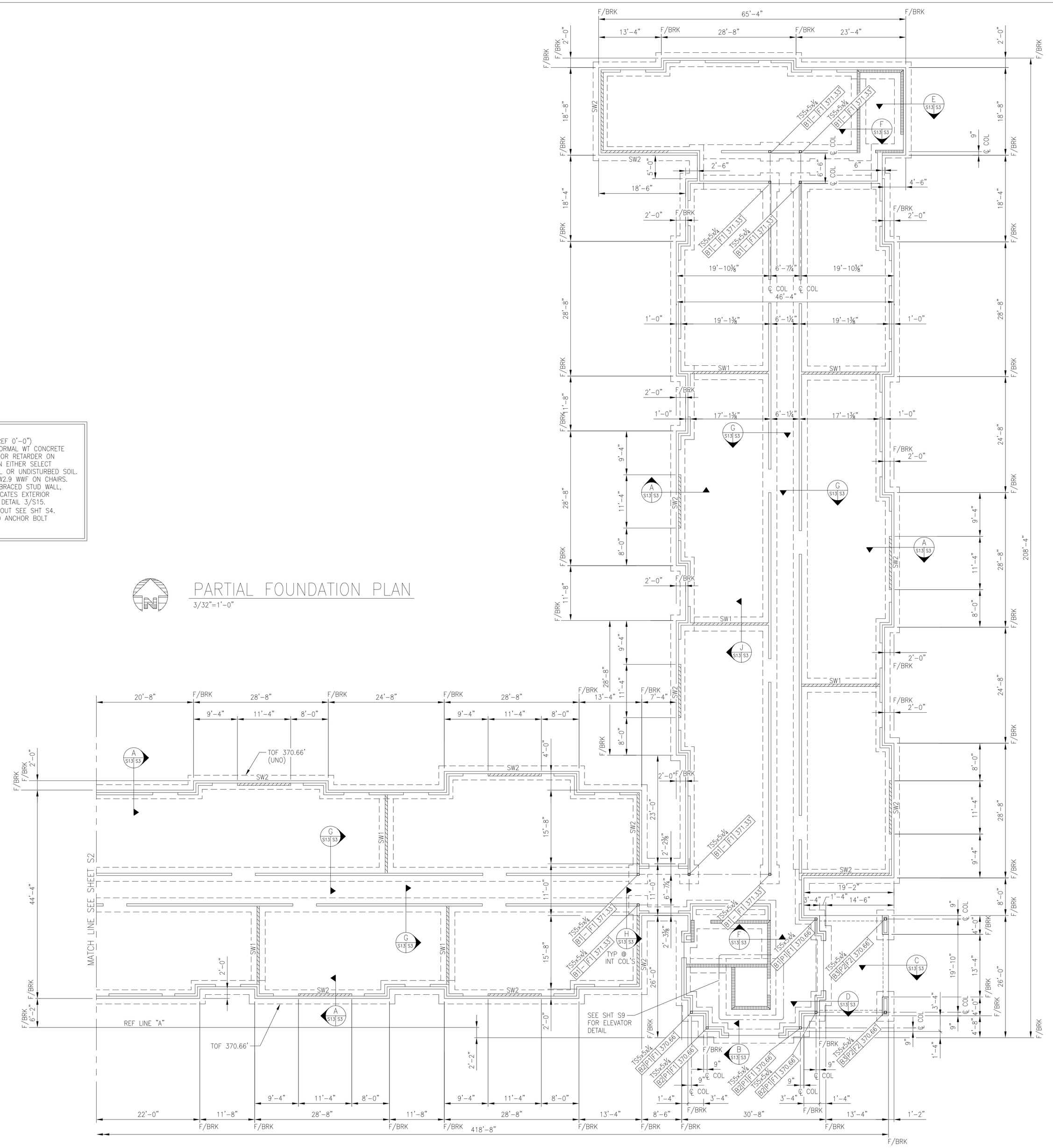
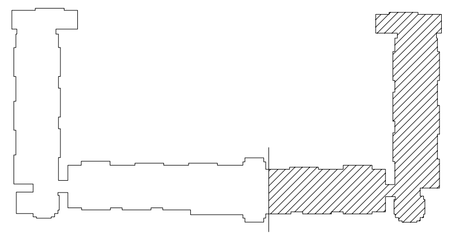
5. FOR CONTRACTION JOINT LAYOUT SEE SHT S4.
6. FOR COLUMN, PEDESTAL AND ANCHOR BOLT SCHEDULE SEE SHT S11.



PARTIAL FOUNDATION PLAN
3/32"=1'-0"



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

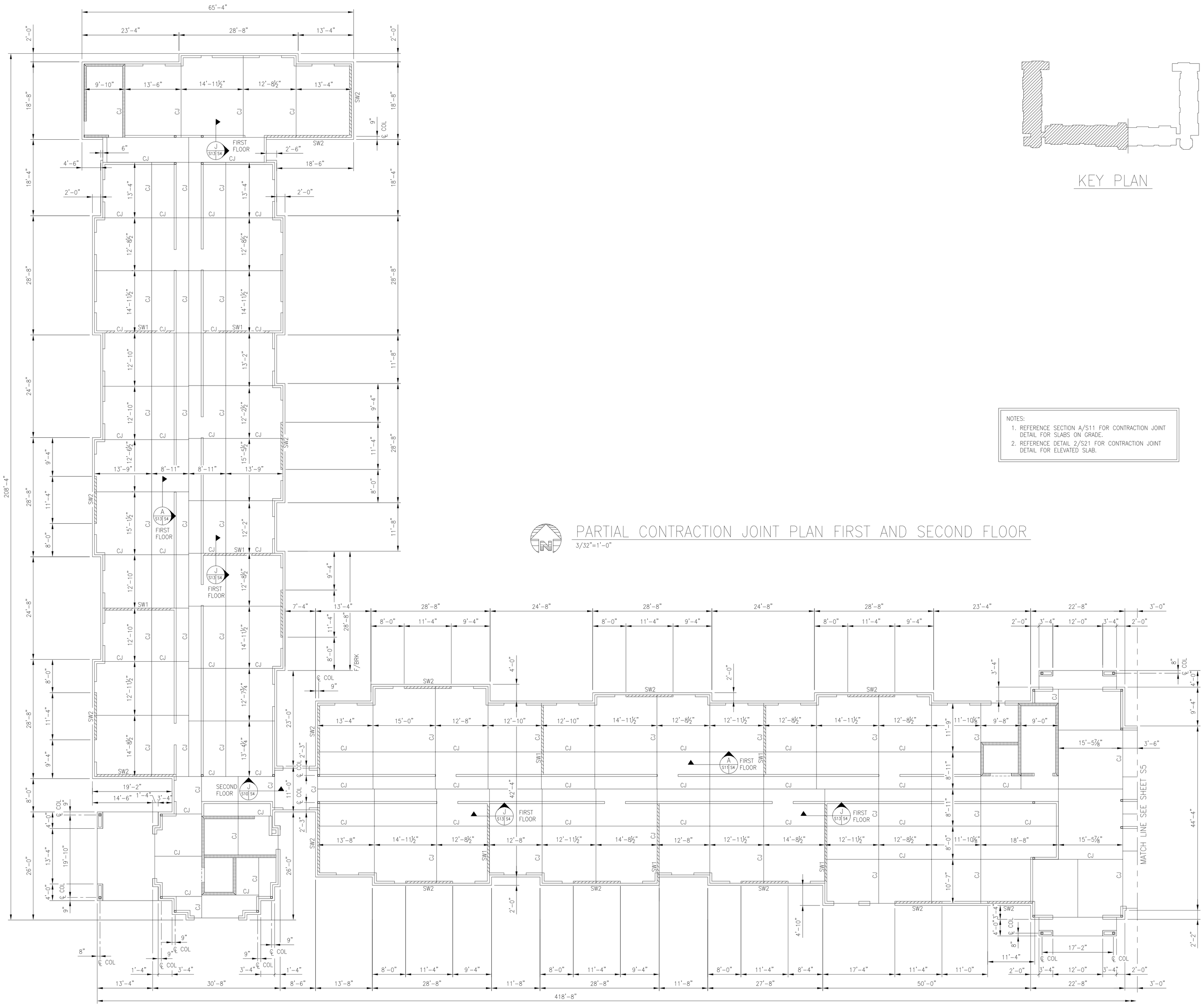
No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL FOUNDATION PLAN
AS-BUILT

DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S3
SCALE: 3/32"=1'-0"	43 OF 108

DRAWING: 4861353 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-10-01



PARTIAL CONTRACTION JOINT PLAN FIRST AND SECOND FLOOR

3/32"=1'-0"

KEY PLAN

NOTES:

1. REFERENCE SECTION A/S11 FOR CONTRACTION JOINT DETAIL FOR SLABS ON GRADE.
2. REFERENCE DETAIL 2/S21 FOR CONTRACTION JOINT DETAIL FOR ELEVATED SLAB.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL CONTRACTION JOINT PLAN

AS-BUILT

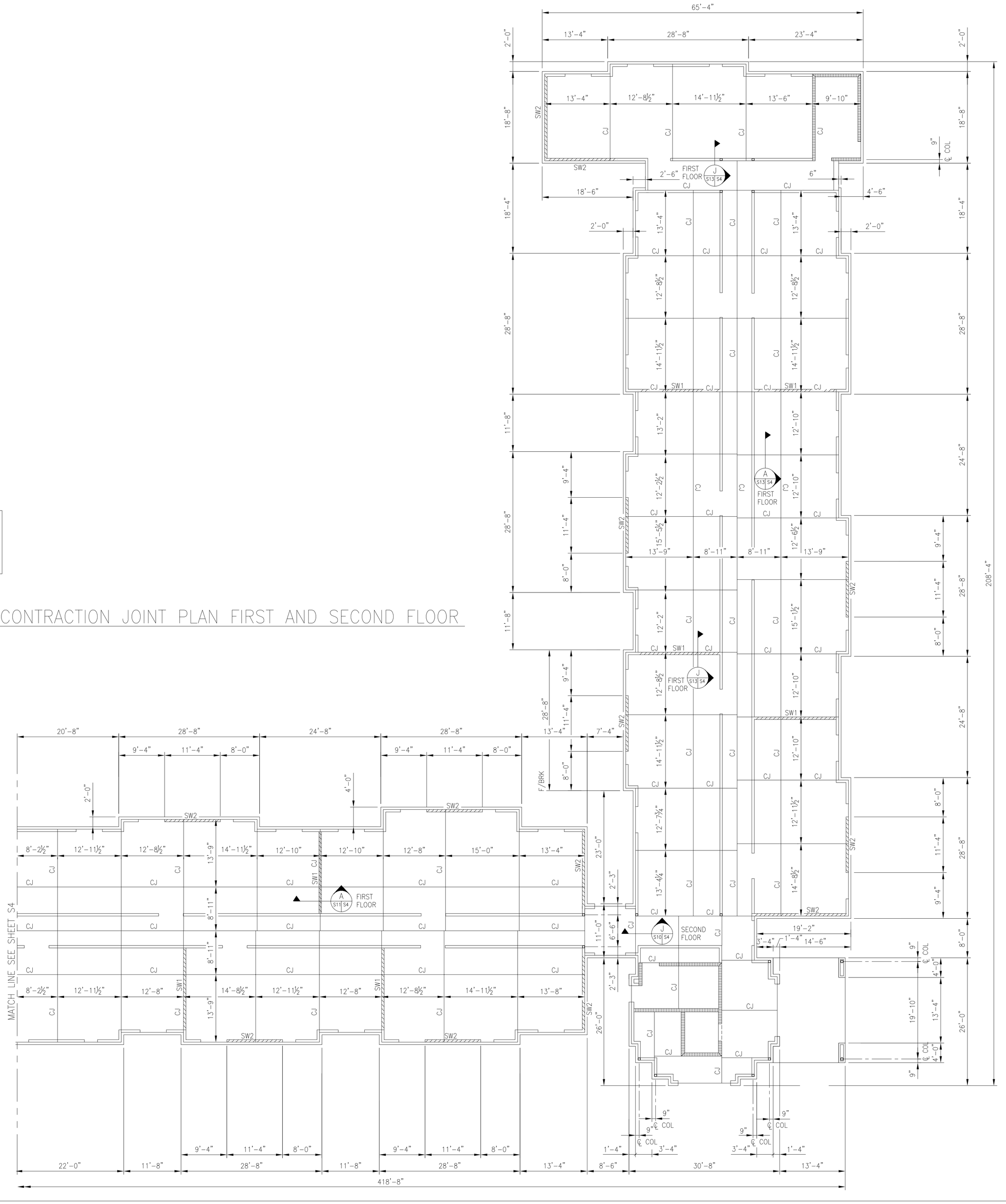
DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S4
SCALE: 3/32"=1'-0"	44 OF 108

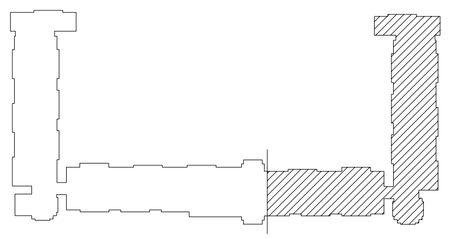
DRAWING: 4881354 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01

NOTES:
1. REFERENCE SECTION A/S11 FOR CONTRACTION JOINT DETAIL FOR SLABS ON GRADE.
2. REFERENCE DETAIL 2/S21 FOR CONTRACTION JOINT DETAIL FOR ELEVATED SLAB.

PARTIAL CONTRACTION JOINT PLAN FIRST AND SECOND FLOOR

3/32"=1'-0"





KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL CONTRACTION JOINT PLAN

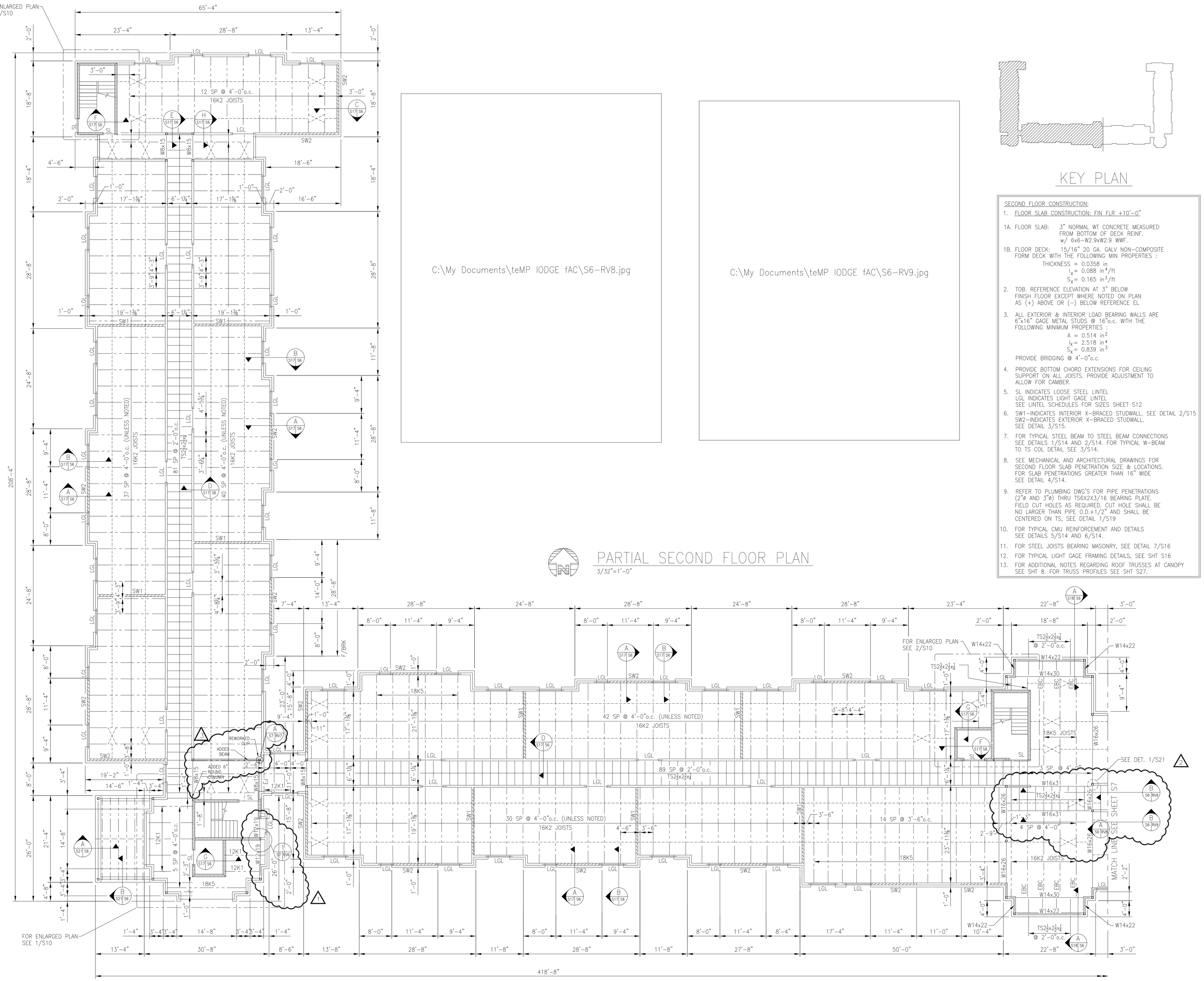
AS-BUILT

DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S5
SCALE: 3/32"=1'-0"	45 OF 108

DRAWING: 4881355 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01

PARTIAL SECOND FLOOR PLAN

3/32"=1'-0"



C:\My Documents\teMP IODGE fAC\S6-RV8.jpg

C:\My Documents\teMP IODGE fAC\S6-RV9.jpg

KEY PLAN

SECOND FLOOR CONSTRUCTION:

1. FLOOR SLAB CONSTRUCTION: FIN FLR +10'-0"

1A. FLOOR SLAB: 3" NORMAL WT CONCRETE MEASURED FROM BOTTOM OF DECK REINF. w/ 6x6-W2.9xW2.9 WWF.

1B. FLOOR DECK: 15/16" 20 GA. GALV NON-COMPOSITE FORM DECK WITH THE FOLLOWING MIN PROPERTIES :
THICKNESS = 0.0358 in
I_x = 0.088 in^4/ft
S_x = 0.165 in^3/ft

2. TOB. REFERENCE ELEVATION AT 3" BELOW FINISH FLOOR EXCEPT WHERE NOTED ON PLAN AS (+) ABOVE OR (-) BELOW REFERENCE EL

3. ALL EXTERIOR & INTERIOR LOAD BEARING WALLS ARE 6"x16" GAGE METAL STUDS @ 16"o.c. WITH THE FOLLOWING MINIMUM PROPERTIES :
A = 0.514 in^2
I_x = 2.518 in^4
S_x = 0.839 in^3
PROVIDE BRIDGING @ 4'-0"o.c.

4. PROVIDE BOTTOM CHORD EXTENSIONS FOR CEILING SUPPORT ON ALL JOISTS. PROVIDE ADJUSTMENT TO ALLOW FOR CAMBER.

5. SL INDICATES LOOSE STEEL LINTEL
LGL INDICATES LIGHT GAGE LINTEL
SEE LINTEL SCHEDULES FOR SIZES SHEET S12

6. SW1-INDICATES INTERIOR X-BRACED STUDWALL. SEE DETAIL 2/S15
SW2-INDICATES EXTERIOR X-BRACED STUDWALL.
SEE DETAIL 3/S15.

7. FOR TYPICAL STEEL BEAM TO STEEL BEAM CONNECTIONS SEE DETAILS 1/S14 AND 2/S14. FOR TYPICAL W-BEAM TO TS COL DETAIL SEE 3/S14.

8. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SECOND FLOOR SLAB PENETRATION SIZE & LOCATIONS. FOR SLAB PENETRATIONS GREATER THAN 16" WIDE SEE DETAIL 4/S14.

9. REFER TO PLUMBING DWG'S FOR PIPE PENETRATIONS (2"ø AND 3"ø) THRU TS6X2X3/16 BEARING PLATE. FIELD CUT HOLES AS REQUIRED. CUT HOLE SHALL BE NO LARGER THAN PIPE O.D.+1/2" AND SHALL BE CENTERED ON TS, SEE DETAIL 1/S19

10. FOR TYPICAL CMU REINFORCEMENT AND DETAILS SEE DETAILS 5/S14 AND 6/S14.

11. FOR STEEL JOISTS BEARING MASONRY, SEE DETAIL 7/S16

12. FOR TYPICAL LIGHT GAGE FRAMING DETAILS, SEE SHT S16

13. FOR ADDITIONAL NOTES REGARDING ROOF TRUSSES AT CANOPY SEE SHT 8. FOR TRUSS PROFILES SEE SHT S27.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
3	Beam added for stability notation made for location of detail	6-03	RWM	TVR
2	Beam Modifications	1-03	RBD	TVR
1	Beam Revisions			

PROJECT TITLE

TEMPORARY LODGING FACILITY

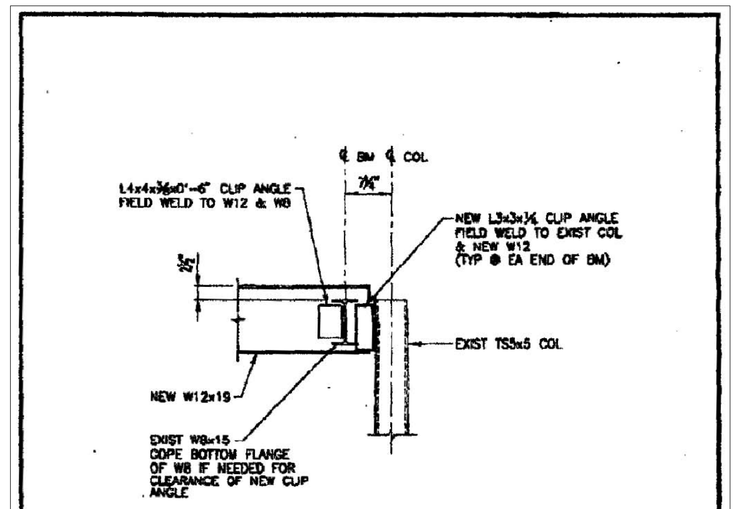
SHEET TITLE

PARTIAL SECOND FLOOR PLAN

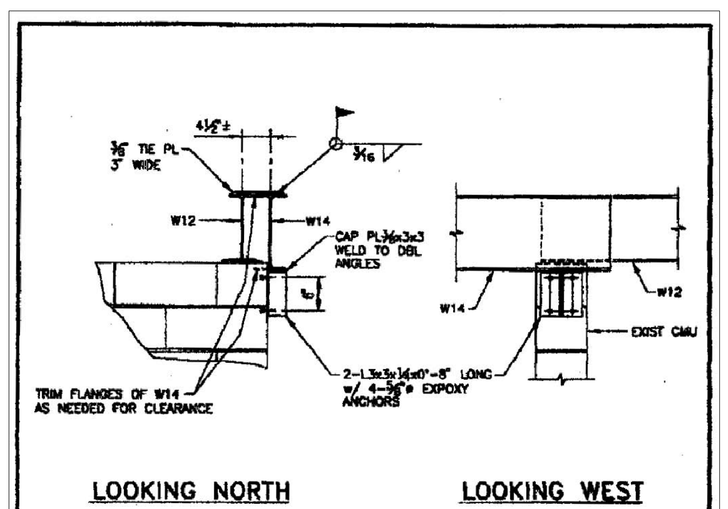
AS-BUILT

DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S6
SCALE: 3/32"=1'-0"	46 OF 108

DRAWING: 4881356 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-12-01



A RV7 DETAIL
3/4"=1'-0"



LOOKING NORTH LOOKING WEST

1 RV6 DETAIL
3/4"=1'-0"

TITLE: TEMPORARY LODGING FACILITY

ICE Inc. CONSULTING ENGINEERS 1201 S. University, Suite 200 Little Rock, Arkansas, 72204 (501) 664-6648 - Fax (501) 664-6764	REVISION: #7	DRAWN BY: RWM	DATE: 1-24-03
		DESIGN BY: TVR	DRAWING SCALE: 3/4"=1'-0"
		CAD FILE: 48813RV7	SHEET: RV7

TITLE: TEMPORARY LODGING FACILITY

ICE Inc. CONSULTING ENGINEERS 1201 S. University, Suite 200 Little Rock, Arkansas, 72204 (501) 664-6648 - Fax (501) 664-6764	REVISION: #8	DRAWN BY: RWM	DATE: 1-24-03
		DESIGN BY: TVR	DRAWING SCALE: 3/4"=1'-0"
		CAD FILE: 48813RV6	SHEET: RV6

SECOND FLOOR CONSTRUCTION:

1. FLOOR SLAB CONSTRUCTION: FIN FLR +10'-0"

1A. FLOOR SLAB: 3" NORMAL WT CONCRETE MEASURED FROM BOTTOM OF DECK REINF. w/ 6x6-W2.9xW2.9 WWF.

1B. FLOOR DECK: 15/16" 20 GA. GALV NON-COMPOSITE FORM DECK WITH THE FOLLOWING MIN PROPERTIES :
THICKNESS = 0.0358 in
I_X= 0.088 in^4/ft
S_X= 0.165 in^3/ft

2. TOB. REFERENCE ELEVATION AT 3" BELOW FINISH FLOOR EXCEPT WHERE NOTED ON PLAN AS (+) ABOVE OR (-) BELOW REFERENCE EL

3. ALL EXTERIOR & INTERIOR LOAD BEARING WALLS ARE 6"x16" GAGE METAL STUDS @ 16"o.c. WITH THE FOLLOWING MINIMUM PROPERTIES :
A = 0.514 in^2
I_X= 2.518 in^4
S_X= 0.839 in^3
PROVIDE BRIDGING @ 4'-0"o.c.

4. PROVIDE BOTTOM CHORD EXTENSIONS FOR CEILING SUPPORT ON ALL JOISTS. PROVIDE ADJUSTMENT TO ALLOW FOR CAMBER.

5. SL INDICATES LOOSE STEEL LINTEL
LGL INDICATES LIGHT GAGE LINTEL
SEE LINTEL SCHEDULES FOR SIZES SHEET S12

6. SW1-INDICATES INTERIOR X-BRACED, SEE DETAIL 2/S15
SW2-INDICATES EXTERIOR X-BRACED STUDWALL. SEE DETAIL 3/S15.

7. FOR TYPICAL STEEL BEAM TO STEEL BEAM CONNECTIONS SEE DETAILS 1/S14 AND 2/S14. FOR TYPICAL W-BEAM TO TS COL DETAIL SEE 3/S14.

8. SEE MECHANICAL AND ARCHITECTURAL DRAWINGS FOR SECOND FLOOR SLAB PENETRATION SIZE & LOCATIONS. FOR SLAB PENETRATIONS GREATER THAN 16" WIDE SEE DETAIL 4/S14.

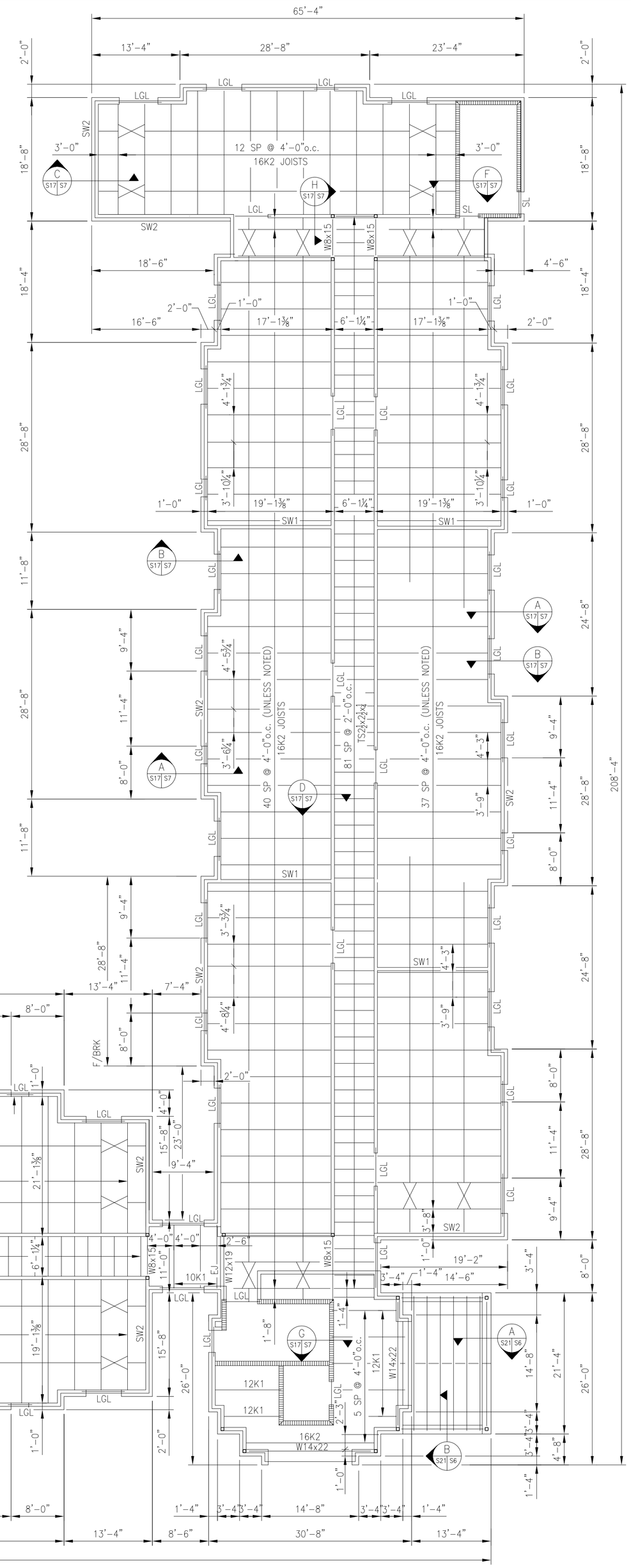
9. REFER TO PLUMBING DWG'S FOR PIPE PENETRATIONS (2"ø AND 3"ø) THRU TS6x2x3/16 BEARING PLATE. FIELD CUT HOLES AS REQUIRED. CUT HOLE SHALL BE NO LARGER THAN PIPE O.D.+1/2" AND SHALL BE CENTERED ON TS, SEE DETAIL 1/S19

10. FOR TYPICAL CMU REINFORCEMENT AND DETAILS SEE DETAILS 5/S14 AND 6/S14.

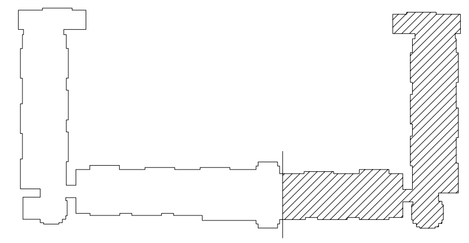
11. FOR STEEL JOISTS BEARING MASONRY, SEE DETAIL 7/S16

12. FOR TYPICAL LIGHT GAGE FRAMING DETAILS, SEE SHT S16

13. FOR ADDITIONAL NOTES REGARDING ROOF TRUSSES AT CANOPY SEE SHT 8. FOR TRUSS PROFILES SEE SHT S27.



PARTIAL SECOND FLOOR PLAN
3/32"=1'-0"



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

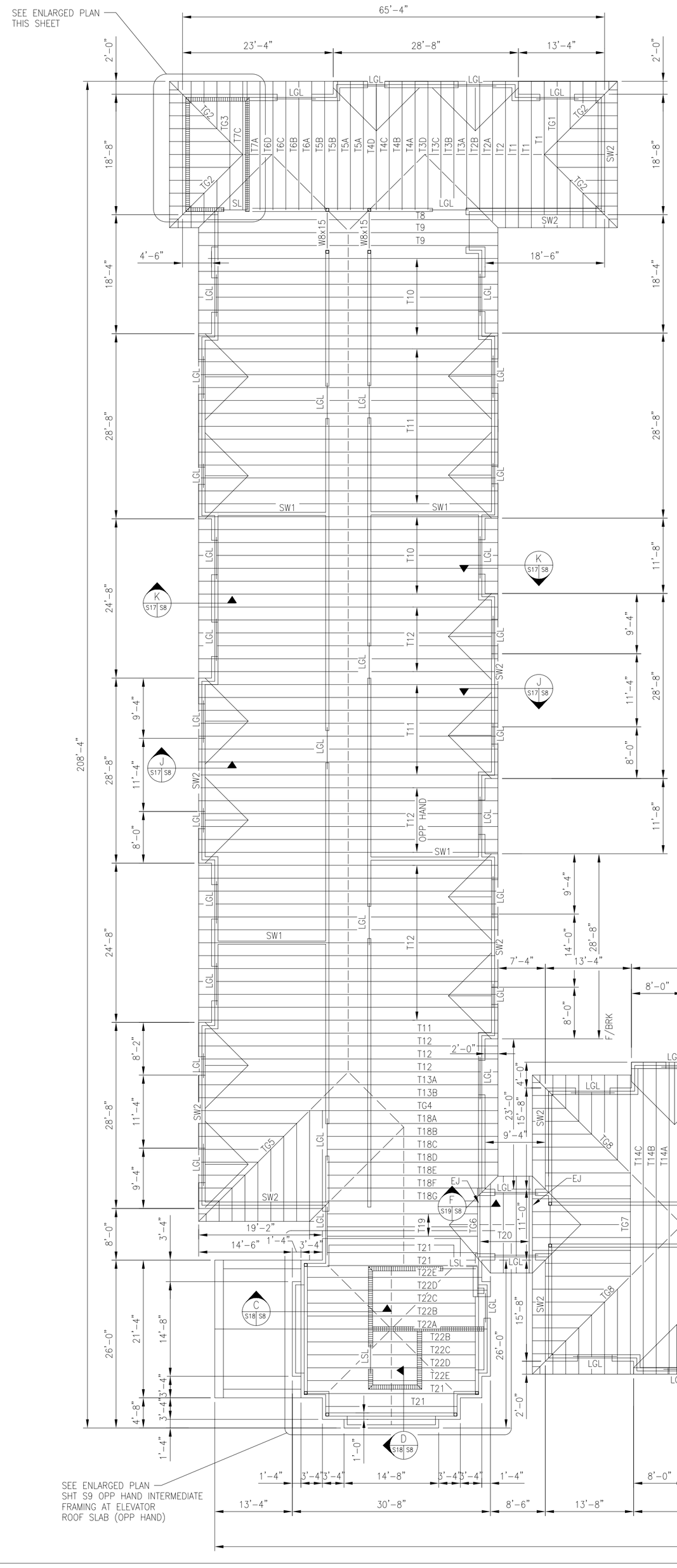
No.	Revision/Issue	Date	BY	APP'D
1	Details added for beam modfaction clarification			

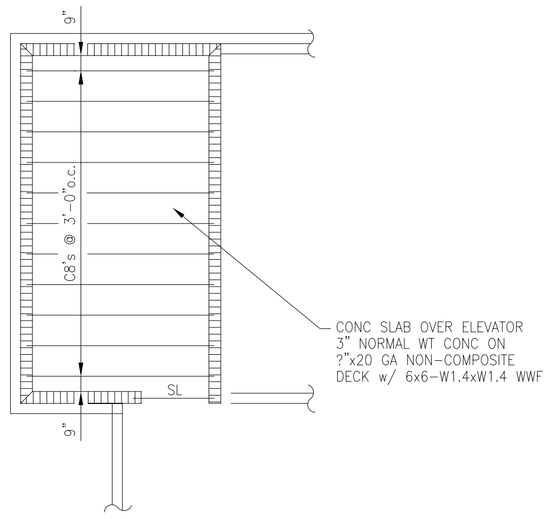
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL SECOND FLOOR PLAN
AS-BUILT

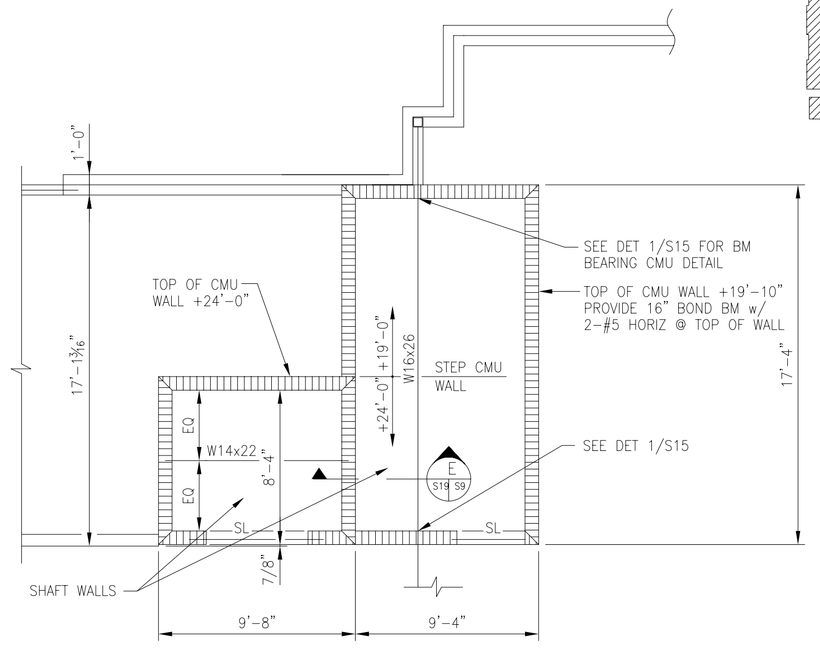
DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S7
SCALE: 3/32"=1'-0"	47 OF 108

DRAWING: 48813S7 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-12-01

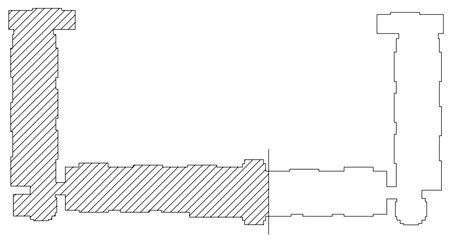




ROOF FRAMING PLAN
3/16"=1'-0"



PARTIAL INTERMEDIATE FRAMING PLAN
3/16"=1'-0"



KEY PLAN

NOTES:
1. TRUSS BEARING +19'-4"
2. REFER TO "DESIGN DATA" PARAGRAPH 4 SHEET S1 FOR ROOF LOADS.
3. REFER TO SHEET S1 FOR DECKING TYPE AND ATTACHMENT REQUIREMENTS. SEE 4/S21 FOR TYPICAL ROOF SHEATHING DETAIL.
4. ALL RAFTERS AND TRUSSES SHALL HAVE METAL TIES OR CLIPS TO RESIST WIND UPLIFT, AND SHALL BE CLEARLY INDICATED ON ROOF TRUSS SHOP DRAWINGS.
5. SW1 INDICATES INTERIOR X-BRACED STUD SHEAR WALL. SEE DETAIL 2/S15
   SW2 INDICATED EXTERIOR X-BRACED STUD SHEAR WALL. SEE DETAIL 3/S15
6. TRIPLE STUDS UNDER ALL TRUSS GIRDERS FROM FIRST FLOOR TO SECOND FLOOR. ALL TRUSSES MARKED "TG-__" ARE TRUSS GIRDERS.
7. END JACK AND HIP JACK TRUSSES NOT SHOWN FOR CLARITY.

PARTIAL ROOF FRAMING PLAN
3/32"=1'-0"

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	Beam Modifications			

PROJECT TITLE

TEMPORARY LODGING FACILITY

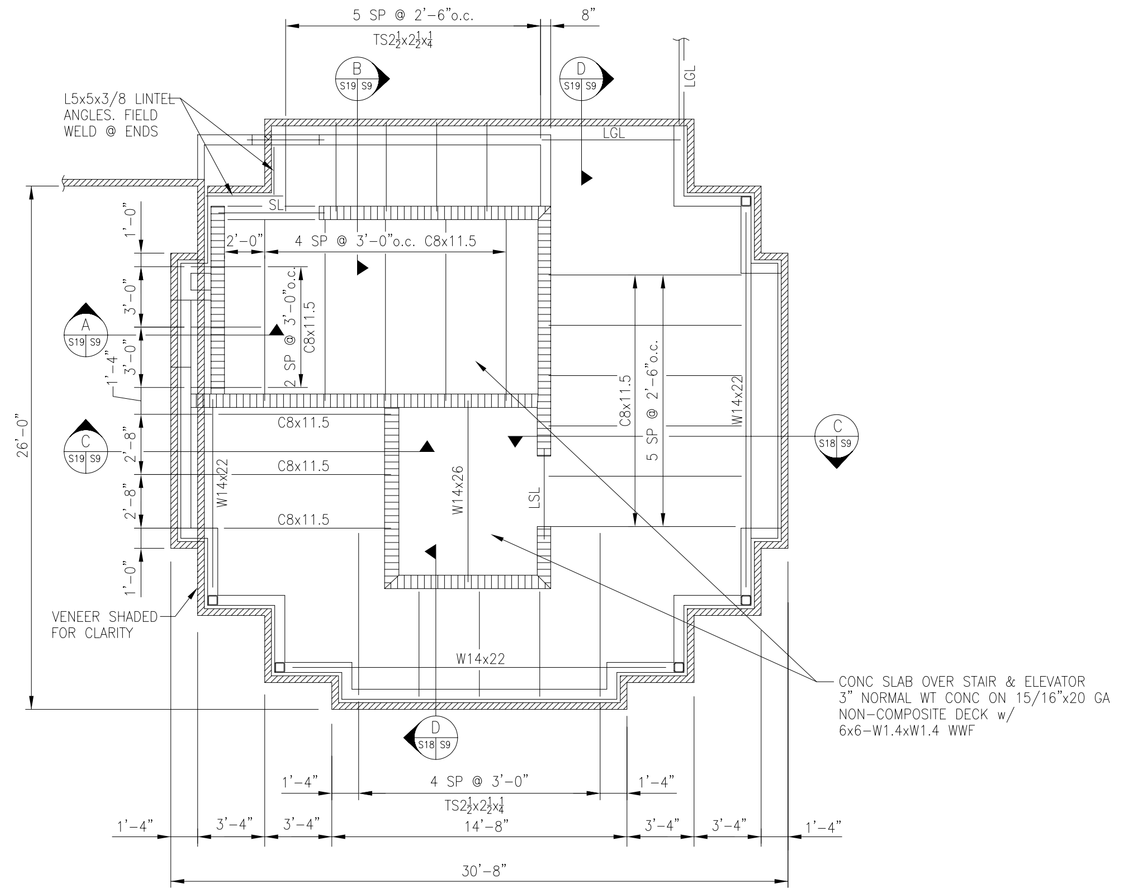
SHEET TITLE

PARTIAL ROOF FRAMING PLAN

AS-BUILT

DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S8
SCALE: 3/32"=1'-0"	48 OF 108

DRAWING: 4881358 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01



PARTIAL INTERMEDIATE FRAMING PLAN

3/16"=1'-0"

PARTIAL ROOF FRAMING PLAN

3/32"=1'-0"

KEY PLAN

NOTES:
1. TRUSS BEARING +19'-4"
2. REFER TO "DESIGN DATA" PARAGRAPH 4 SHEET S1 FOR ROOF LOADS.
3. REFER TO SHEET S1 FOR DECKING TYPE AND ATTACHMENT REQUIREMENTS. SEE 4/S21 FOR TYPICAL ROOF SHEATHING DETAIL.
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5. SW1 INDICATES INTERIOR X-BRACED STUD SHEAR WALL. SEE DETAIL 2/S15
   SW2 INDICATED EXTERIOR X-BRACED STUD SHEAR WALL. SEE DETAIL 3/S15
6. TRIPLE STUDS UNDER ALL TRUSS GIRDERS FROM FIRST FLOOR TO SECOND FLOOR. ALL TRUSSES MARKED "TG " ARE TRUSS GIRDERS.
7. END JACK AND HIP JACK TRUSSES NOT SHOWN FOR CLARITY.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

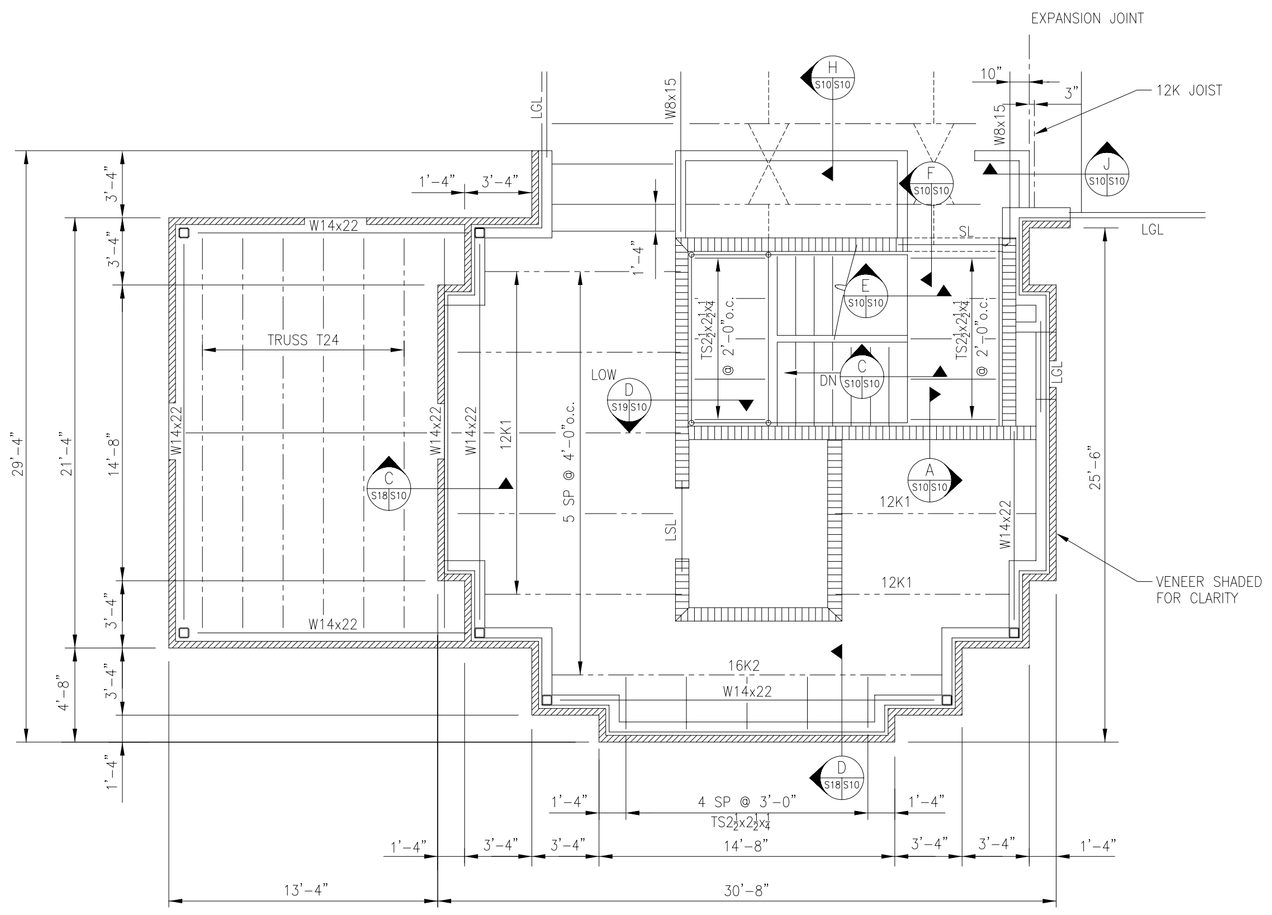
SHEET TITLE

PARTIAL ROOF FRAMING PLAN

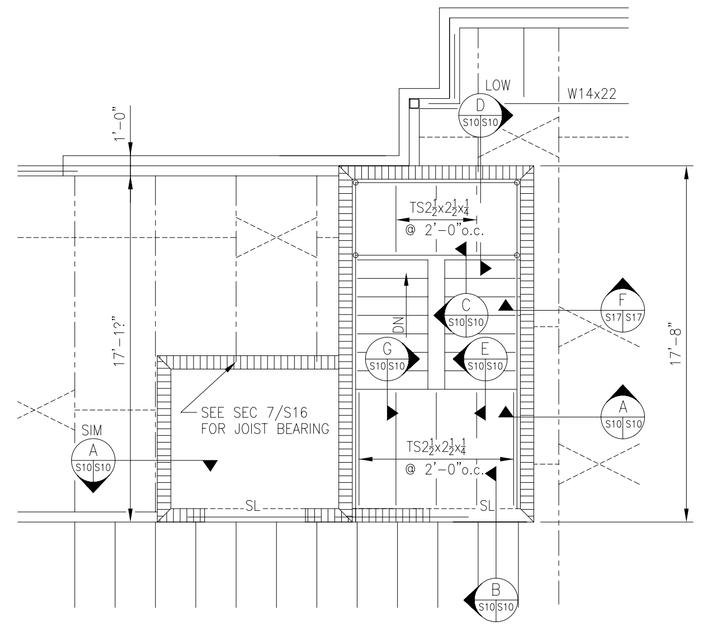
AS-BUILT

DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S9
SCALE: 3/32"=1'-0"	49 OF 108

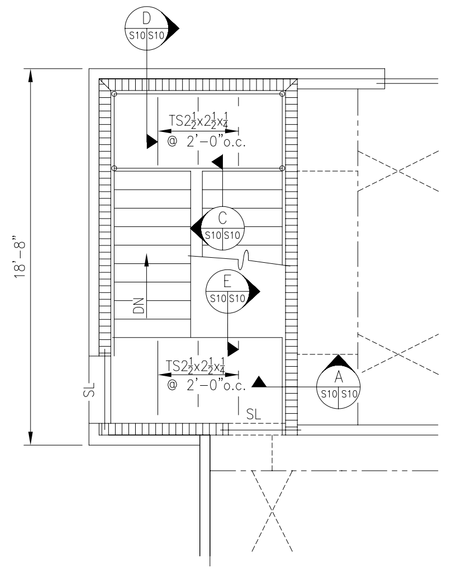
DRAWING: 48813S9 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01



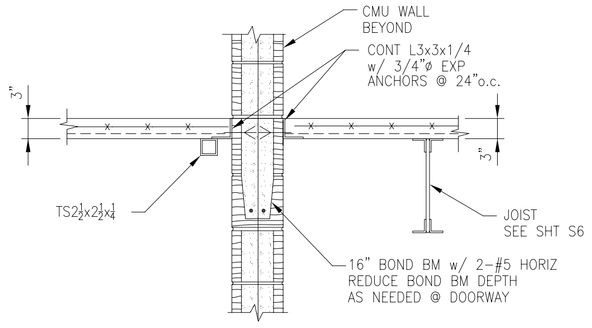
1 S6|S10 PARTIAL SECOND FLOOR PLAN AT STAIRS
3/16"=1'-0"



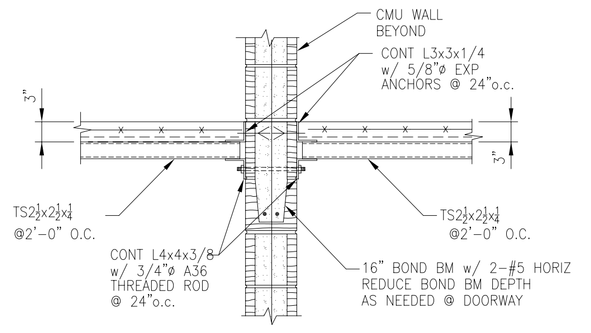
2 S6|S10 PARTIAL SECOND FLOOR PLAN AT STAIRS
3/16"=1'-0"



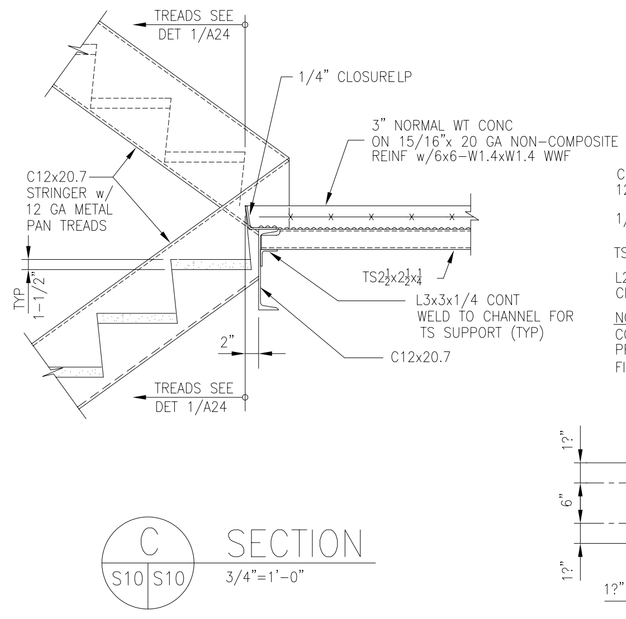
3 S6|S10 PARTIAL SECOND FLOOR PLAN AT STAIRS
3/16"=1'-0"



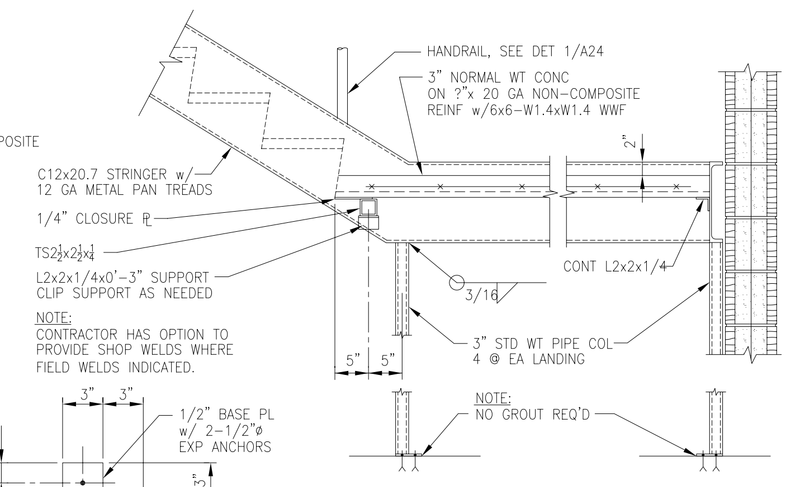
A S10|S10 SECTION
3/4"=1'-0"



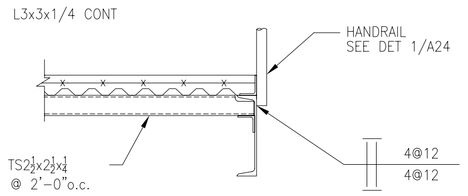
B S10|S10 SECTION
3/4"=1'-0"



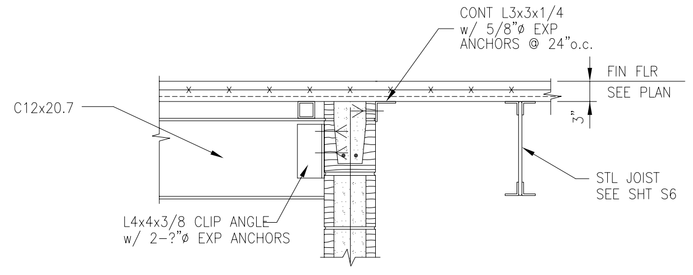
C S10|S10 SECTION
3/4"=1'-0"



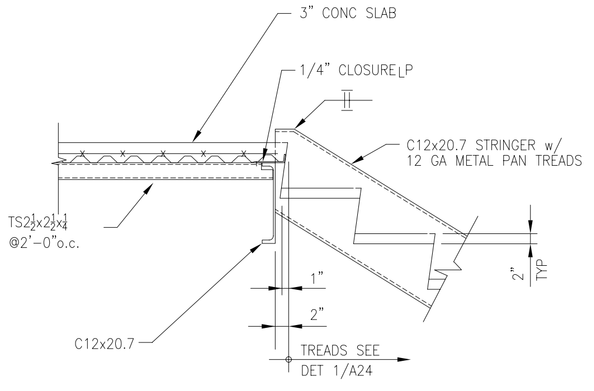
D S10|S10 SECTION
3/4"=1'-0"



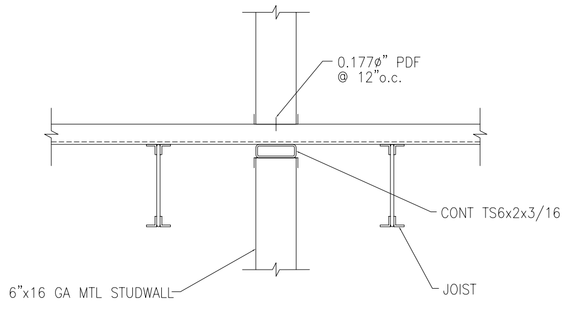
E S10|S10 SECTION
3/4"=1'-0"



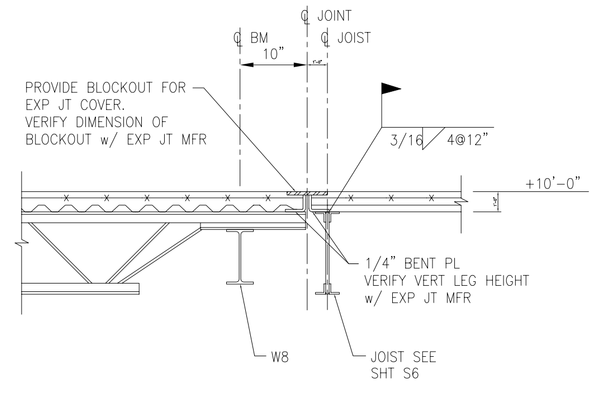
F S10|S10 SECTION
3/4"=1'-0"



G S10|S10 SECTION
3/4"=1'-0"



H S10|S10 SECTION
3/4"=1'-0"



J S10|S10 SECTION
3/4"=1'-0"

DRAWING: 48813S10 EDITED BY: MCC DESIGNED BY: TVR DATE EDITED: 12-10-01

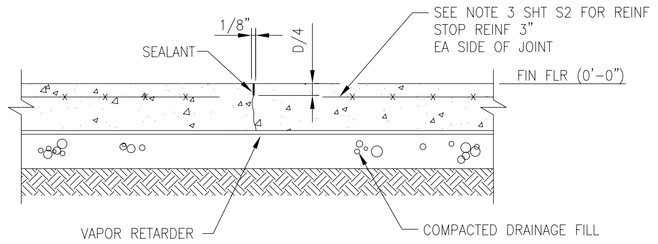
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL SECOND FLOOR PLAN AT STAIRS
AS-BUILT

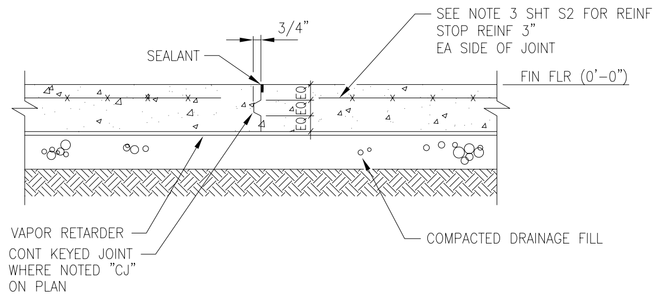
DRAWN BY: MO	LEAD DESIGNER: TVR
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S10
SCALE: 3/16"=1'-0"	50 OF 108



NOTE:
THE SAWCUTTING SHALL BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING w/o CHIPPING, SPALLING OR TEARING BUT NOT MORE THAN 8 HOURS AFTER CASTING.

THE CONTRACTOR MAY OPTION TO SAWCUT ANY CJ'S AS INDICATED ON PLAN

SAWCUT CONTROL JOINT



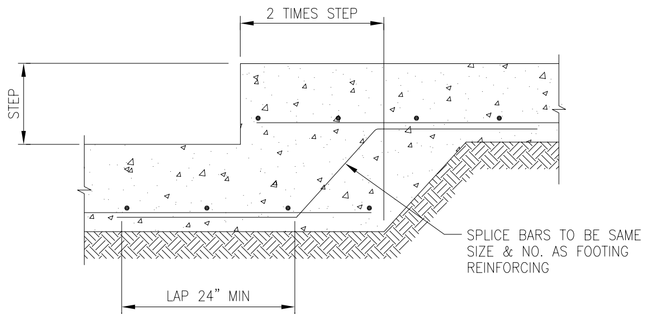
KEYED CONTROL JOINT

A SECTION–CONTRACTION JOINT

S4 S5 | S11

NOT TO SCALE

TYPICAL @ SLAB CONTRACTION JOINT UNLESS NOTED OTHERWISE

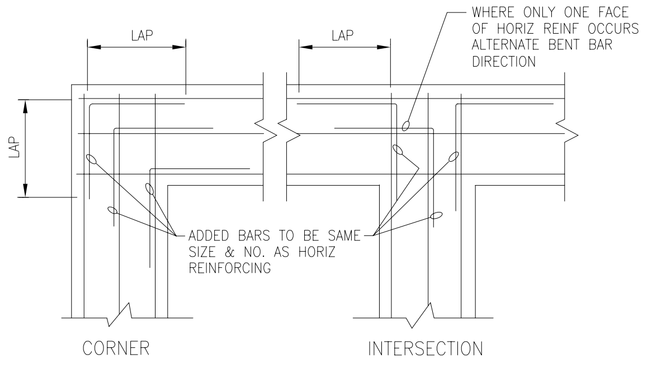


B SECTION–STEPPED FOOTING

S3 | S11

NOT TO SCALE

(TYPICAL @ CONT FOOTING)



LAP: 36 BAR DIAMETERS FOR GRADE 60

THIS DETAIL TYPICAL FOR:
CONCRETE WALLS
CONCRETE BEAMS
CONT FOOTINGS
THICKENED SLABS
TURNED DOWN SLABS
CONC FILLED BOND BEAMS

1 DETAIL–TYP CORNER BAR DETAIL

S3 | S11

NOT TO SCALE

PEDESTAL SCHEDULE

MARK	SIZE	VERT REINF	TIES
P1	12" x 12"	4–#6	#3 @ 12"o.c.
P2	8" x 3'–4"	12–#5	#3 @ 12"o.c.
P3	8" x 2'–8"	10–#5	#3 @ 12"o.c.

PAD FOOTING SCHEDULE

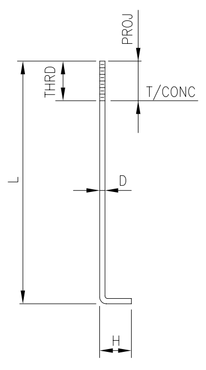
MARK	FOOTING SIZE	REINFORCEMENT
F1	5'–0"x5'–0"x1'–0"	6–#5 EACH WAY
F2	2'–4"x4'–6"x1'–0"	3–#5 LONG DIR 5–#5 SHORT DIR

ANCHOR BOLT SCHEDULE

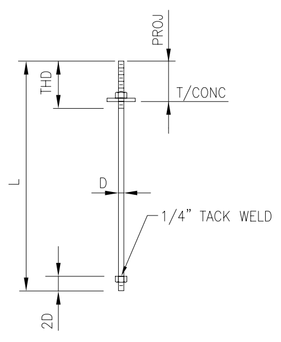
BOLT DIA. (D)	LENGTH (L) TYPE A	LENGTH (L) TYPE B	HOOK (H)	MIN THRD	MIN PROJ	MAX PROJ
3/4"	1'–0"	1'–0"	6"	4"	3–1/2"	6"

ANCHOR BOLT NOTES

1. ANCHOR BOLTS SHALL MEET THE REQUIREMENTS OF ASTM A307 OR A36 UNLESS NOTED OTHERWISE.
2. ALL ANCHOR BOLTS SHALL BE FURNISHED WITH TWO(2) HEX NUTS AND CUT WASHERS OF SPECIFICATIONS COMPATIBLE WITH THOSE OF THE THREADED SHANKS UNLESS NOTED OTHERWISE.
3. FOR CONVENTIONAL COLUMNS (W SHAPES & TS COLUMNS) THE LOWER NUT SHALL BE PLACED UNDER THE BASE PLATE AND SHALL BE USED FOR LEVELING.



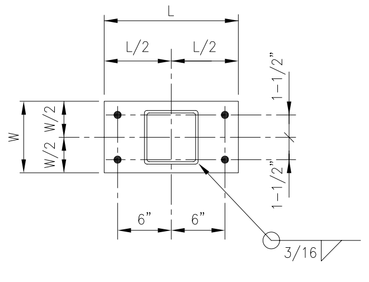
STANDARD ANCHOR BOLT TYPE A



ANCHOR BOLT TYPE B

COL BASE PLATE SCHEDULE

MARK	SIZE (txWxL)	WELD*	A. BOLTS	DETAIL
B1	1/2"x6"x0'–9"	3/16"	4–3/4"	A
B2	3/4"x6"x0'–9"	3/16"	4–3/4"	B
B3	1/2"x6"x0'–9"	3/16"	2–3/4"	C

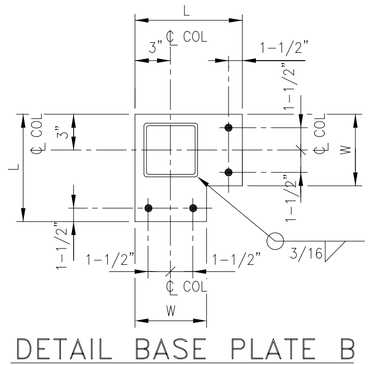


DETAIL BASE PLATE A

NOT TO SCALE

(TS COLUMN SHOWN, PIPE COLUMN SIMILAR)

NOTE:
1–1/2" NON–SHRINK NON–METALIC GROUT



DETAIL BASE PLATE B

NOT TO SCALE

(TS COLUMN SHOWN, PIPE COLUMN SIMILAR)

NOTE:
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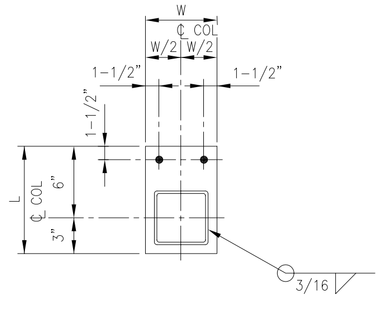
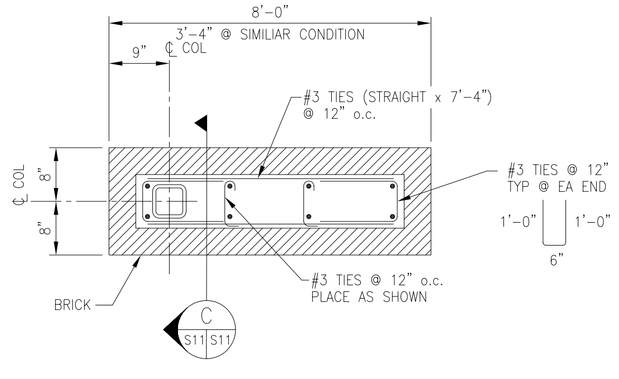


DETAIL BASE PLATE C

NOT TO SCALE

(TS COLUMN SHOWN, PIPE COLUMN SIMILAR)

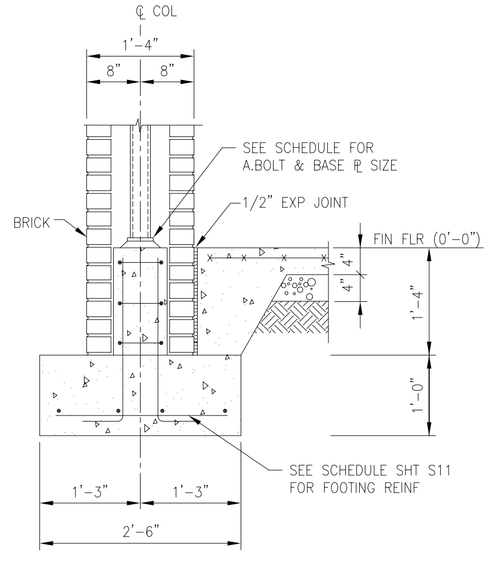
NOTE:
1–1/2" NON–SHRINK NON–METALIC GROUT



2 DETAIL–ENLARGED PLAN @ CANOPY PEDESTAL

S2 | S11

3/4"=1'-0"



C SECTION

S2 | S11

3/4"=1'-0"

DRAWING: 48813S11 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-10-01

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

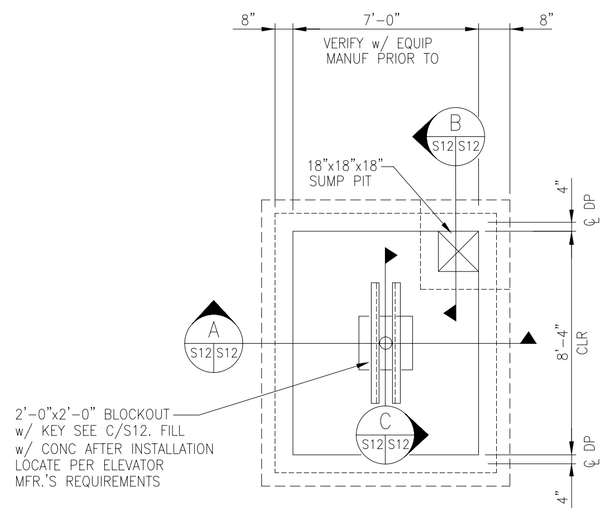
PROJECT TITLE

TEMPORARY LODGING FACILITY

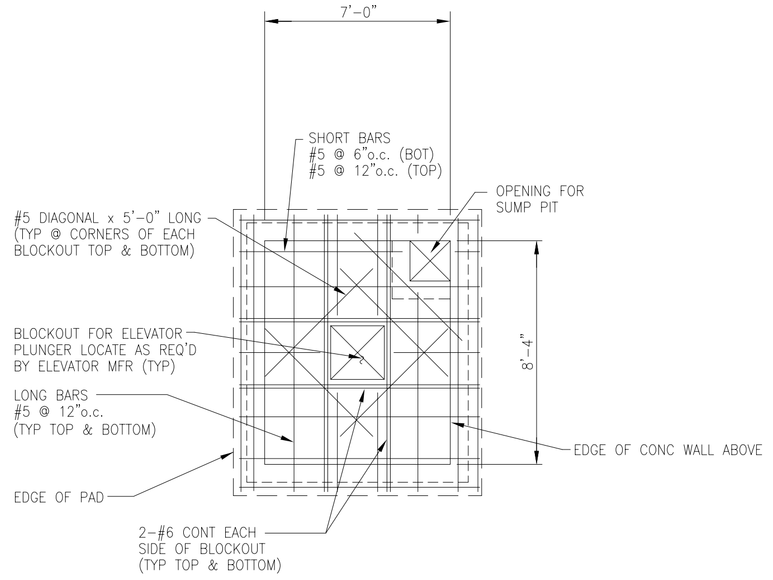
SHEET TITLE

FOUNDATION DETAILS AS–BUILT

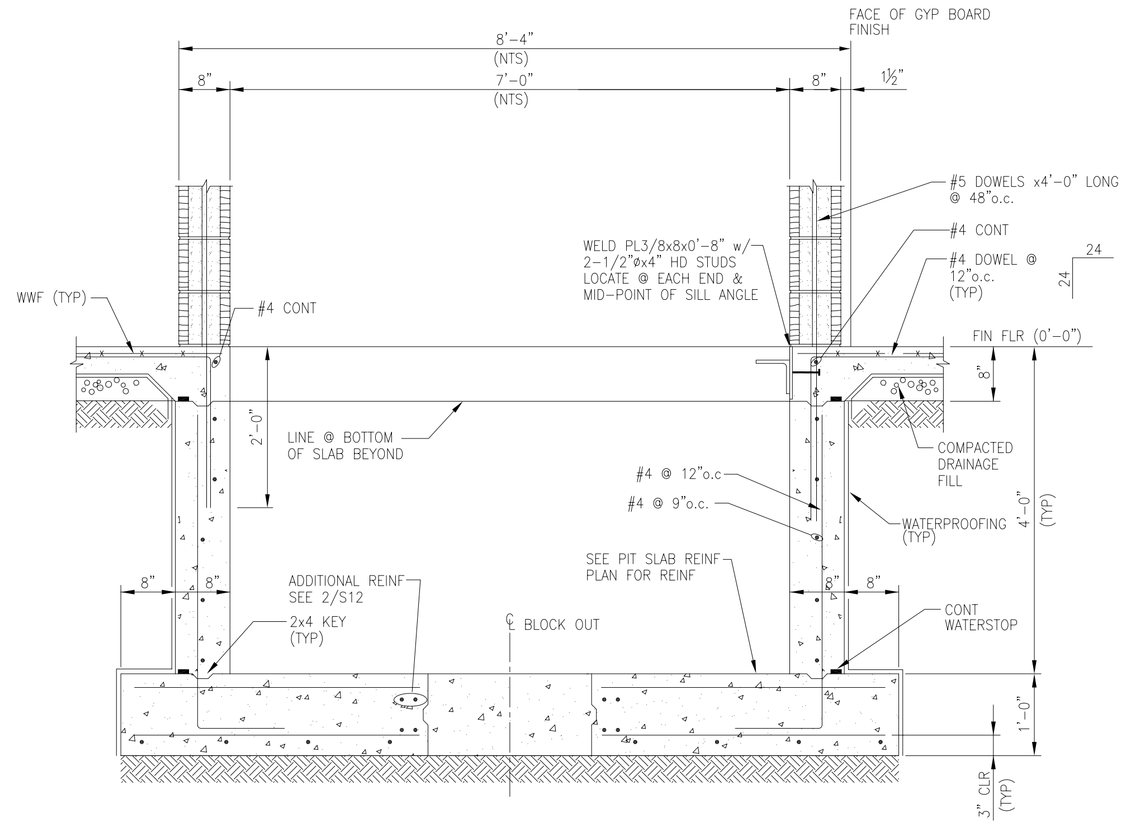
DRAWN BY: TLK	LEAD DESIGNER
TECH REVIEWER	FILE LOCATION
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02–5001
DATE: 28 MAY 2002	SHEET: S11
SCALE: 3/4"=1'-0"	51 OF 108



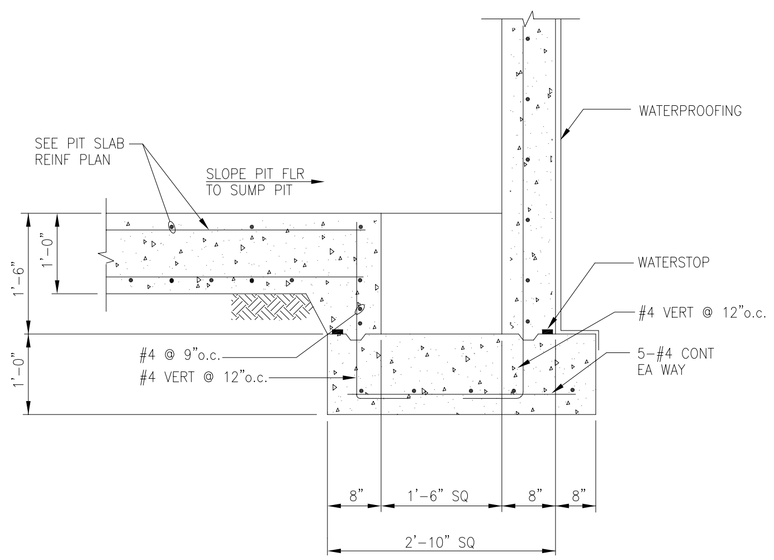
1 S2|S12 PLAN @ ELEVATOR PIT
NOT TO SCALE



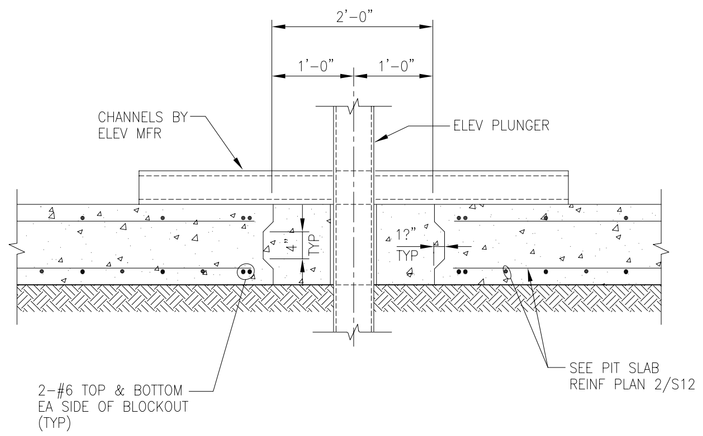
2 S2|S12 ELEVATOR PIT SLAB REINFORCEMENT PLAN
NOT TO SCALE



A S12|S12 SECTION @ ELEVATOR PIT
3/4"=1'-0"



B S12|S12 SECTION-TYPICAL SUMP PIT
3/4"=1'-0"



C S12|S12 SECTION @ BLOCKOUT
3/4"=1'-0"

DRAWING: 48813S12 EDITED BY: MD DESIGNED BY: TVR DATE EDITED: 12-10-01

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

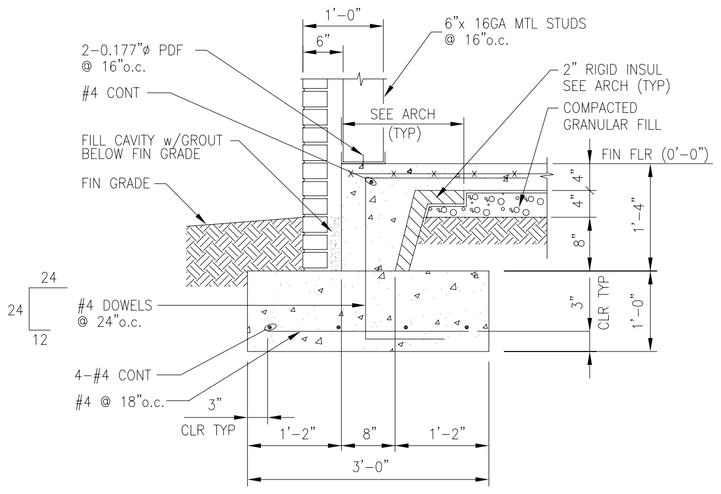
No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

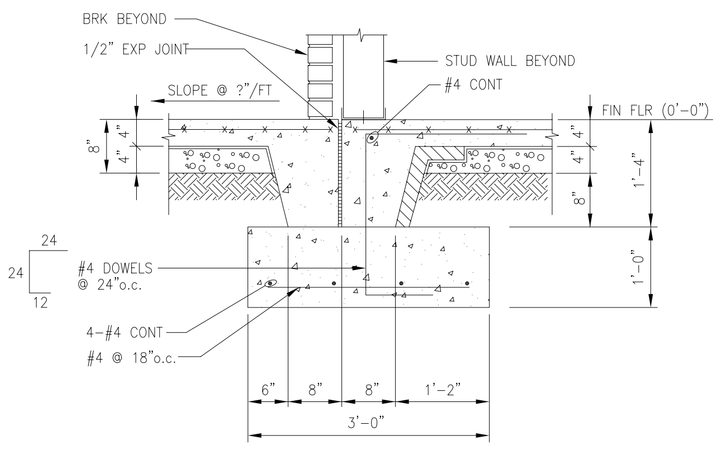
SHEET TITLE
ELEVATOR PIT PLANS AND SECTIONS

AS-BUILT

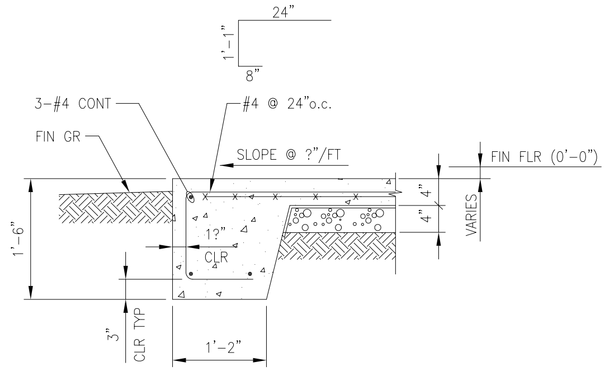
DRAWN BY: TLK	LEAD DESIGNER
TECH REVIEWER	FILE LOCATION
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S12
SCALE: 3/4"=1'-0"	52 OF 108



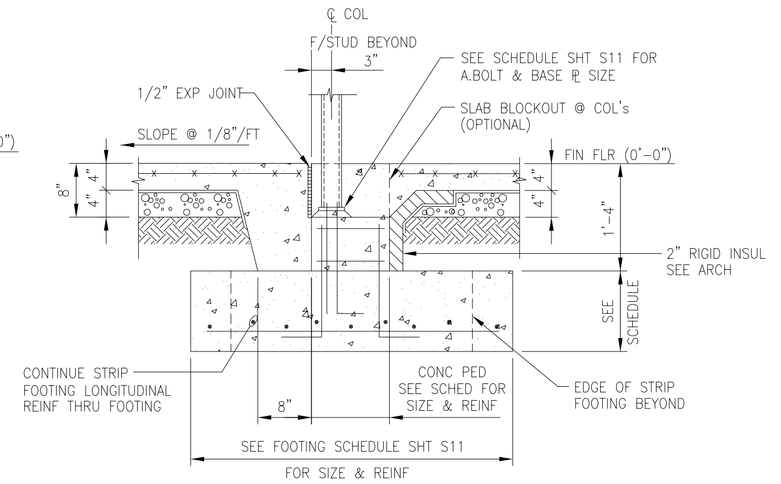
A SECTION S2 S3 S13 3/4"=1'-0"



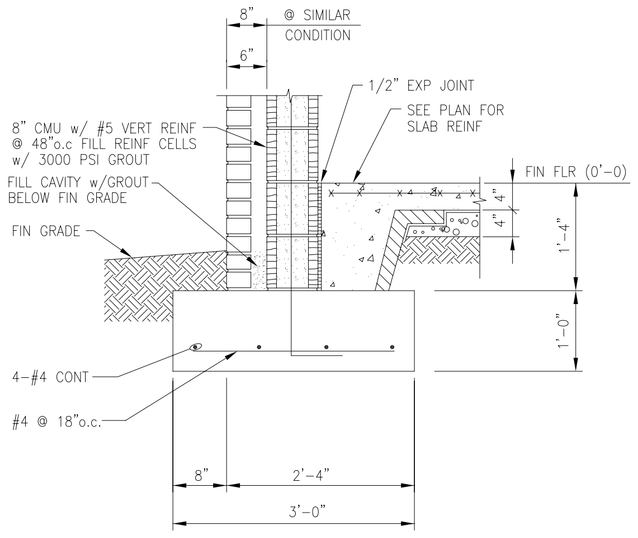
B SECTION S2 S3 S13 3/4"=1'-0"



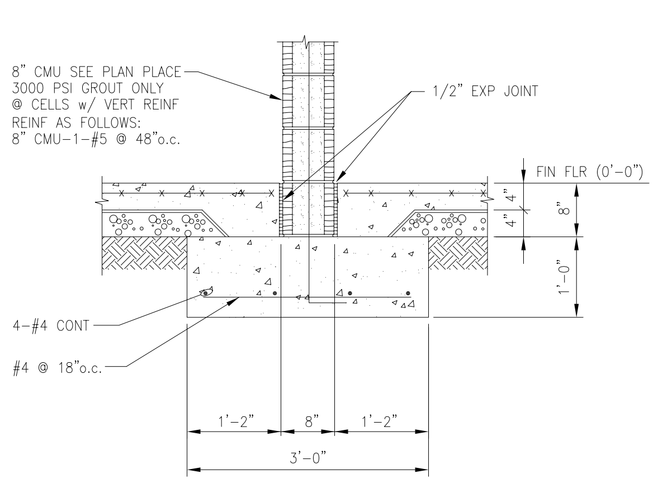
C SECTION S2 S3 S13 3/4"=1'-0"



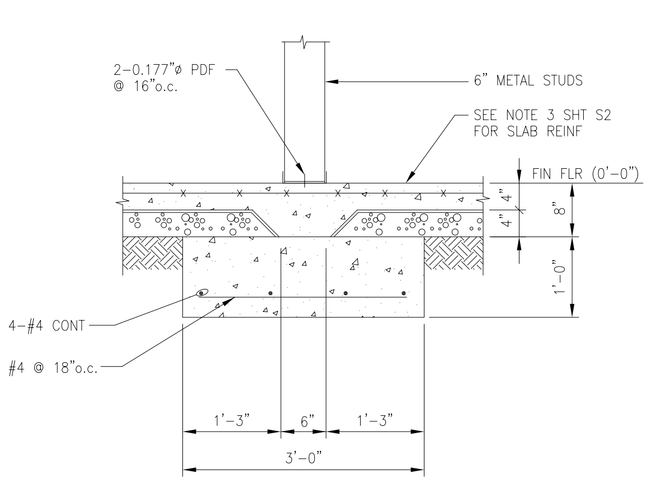
D SECTION S2 S3 S13 3/4"=1'-0"



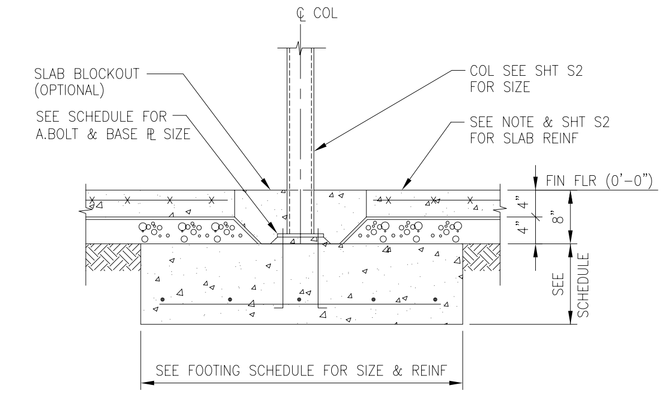
E SECTION S2 S3 S13 3/4"=1'-0"



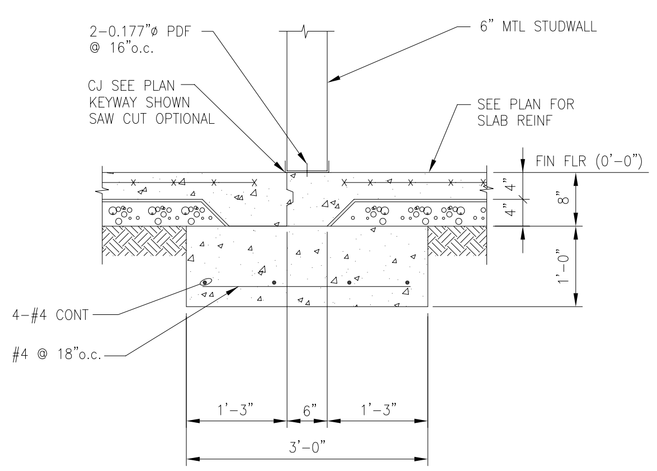
F SECTION S2 S3 S13 3/4"=1'-0"



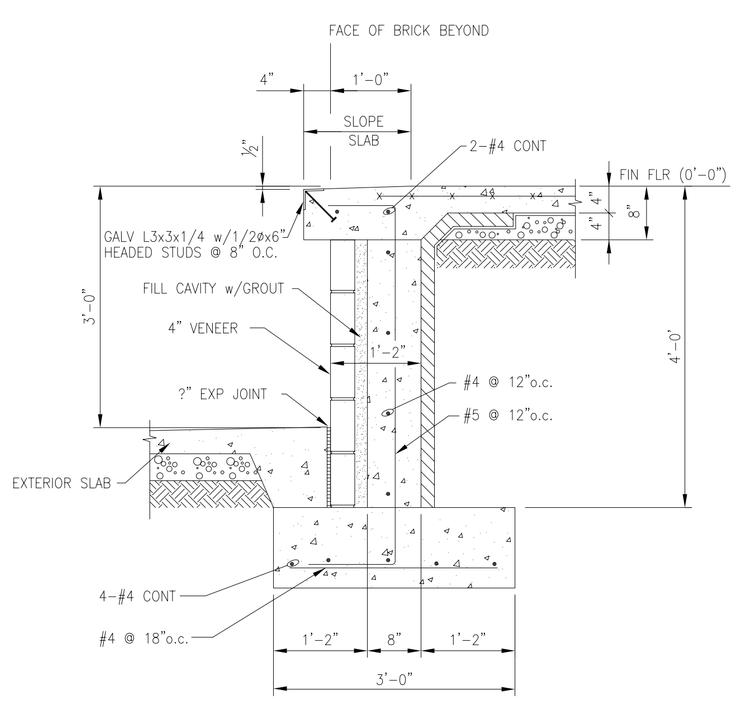
G SECTION S2 S3 S13 3/4"=1'-0"



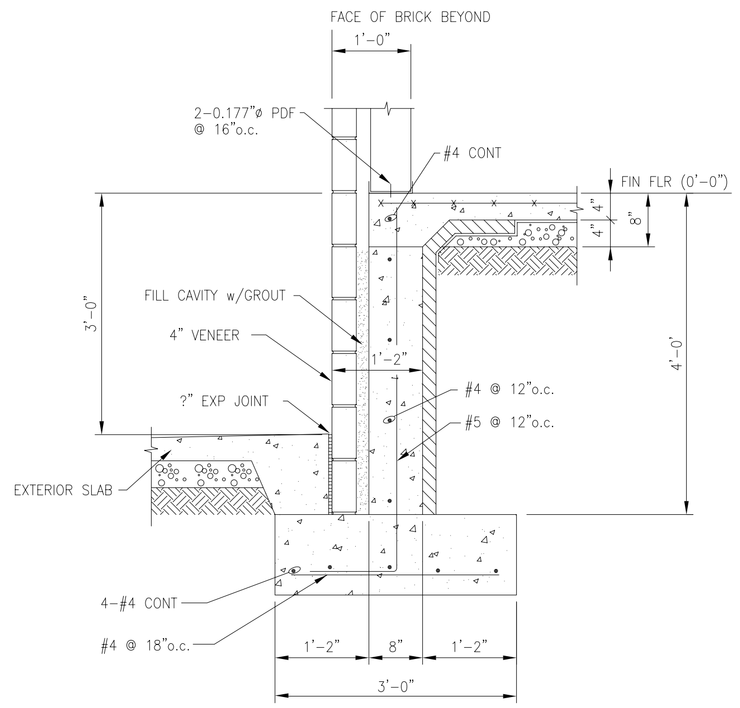
H SECTION S2 S3 S13 3/4"=1'-0"



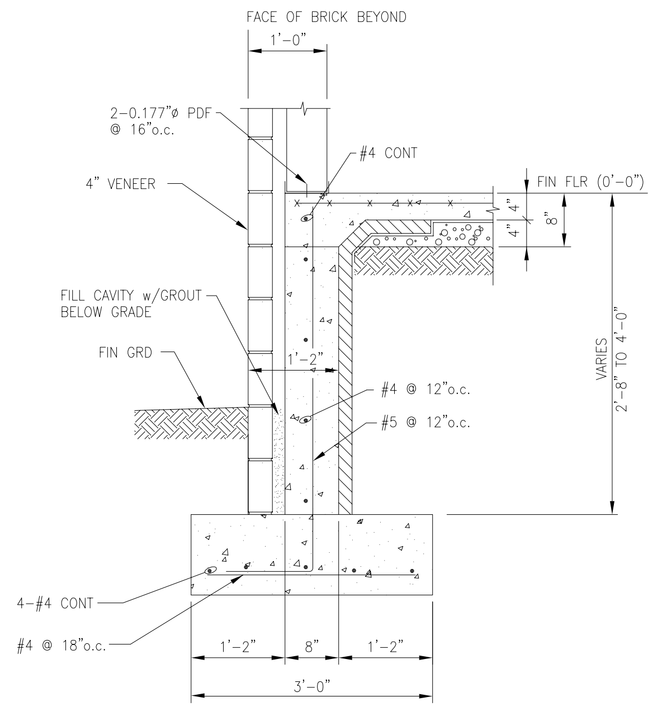
J SECTION S2 S3 S13 3/4"=1'-0"



K SECTION S2 S13 3/4"=1'-0"



L SECTION S2 S13 3/4"=1'-0"



M SECTION S2 S13 3/4"=1'-0"

DRAWING: 488135I3 EDITED BY: MD DESIGNED BY: TVR DATE EDITED: 12-10-01

AIR EDUCATION & TRAINING COMMAND

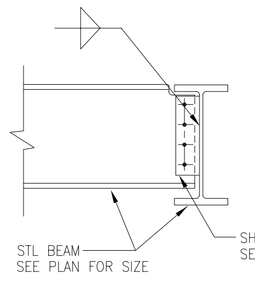
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

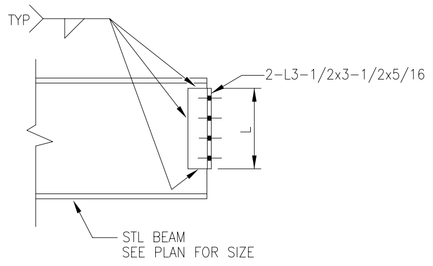
SHEET TITLE
FOUNDATION SECTIONS AS-BUILT

DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S13
SCALE: 3/4"=1'-0"	53 OF 108



STL SECTION	A325-N NO. BOLTS	SHEAR PLATE THICKNESS	FILLET WELD SIZE
W8,W10	2-3/4"ø	3/8"	5/16"
W12,W14	3-3/4"ø	3/8"	5/16"
W16,W18	4-3/4"ø	3/8"	5/16"
W21,W24	5-3/4"ø	3/8"	5/16"

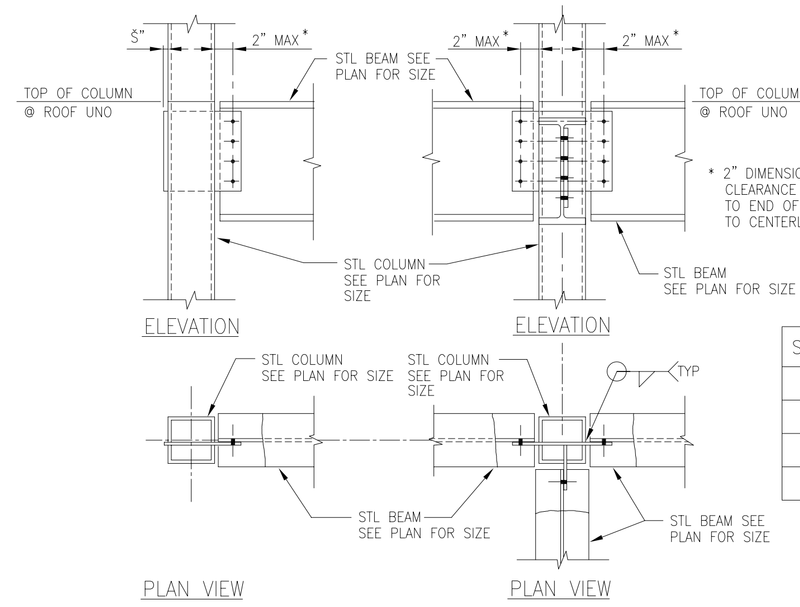
NOTE: SHEAR PLATE TO BE CLEARLY MARKED TO IDENTIFY CORRECT PLACEMENT OF BEAM TO SHEAR PLATE UPON ERECTION.



STL SECTION	*A325-N NO. BOLTS	FILLET WELD SIZE	L
W8,W10	2-3/4"ø	3/16"	5-1/2"
W12,W14	3-3/4"ø	3/16"	8-1/2"
W16,W18	4-3/4"ø	3/16"	11-1/2"
W21,W24	5-3/4"ø	3/16"	14-1/2"

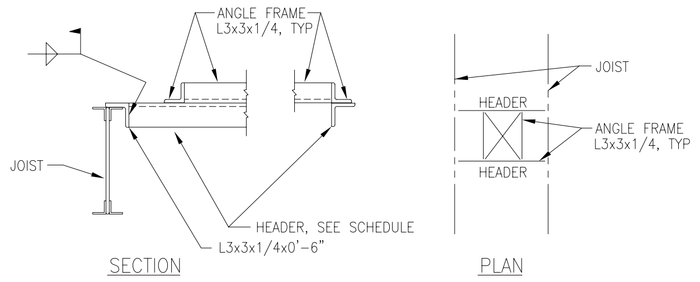
* NUMBER OF BOLTS IN EACH ANGLE.

NOTE:
1. MINIMUM CONNECTION ANGLE THICKNESS = 1/4"



STL SECTION	NO. BOLTS	SHEAR PLATE THICKNESS	FILLET WELD SIZE
W8,W10	2	3/8"	1/4"
W12,W14	3	3/8"	1/4"
W16,W18	4	3/8"	5/16"
W21,W24	5	1/2"	3/8"

1 DETAIL-TYPICAL SINGLE SHEAR PLATE CONNECTION
S6 S7 S14 — 3/4"=1'-0"

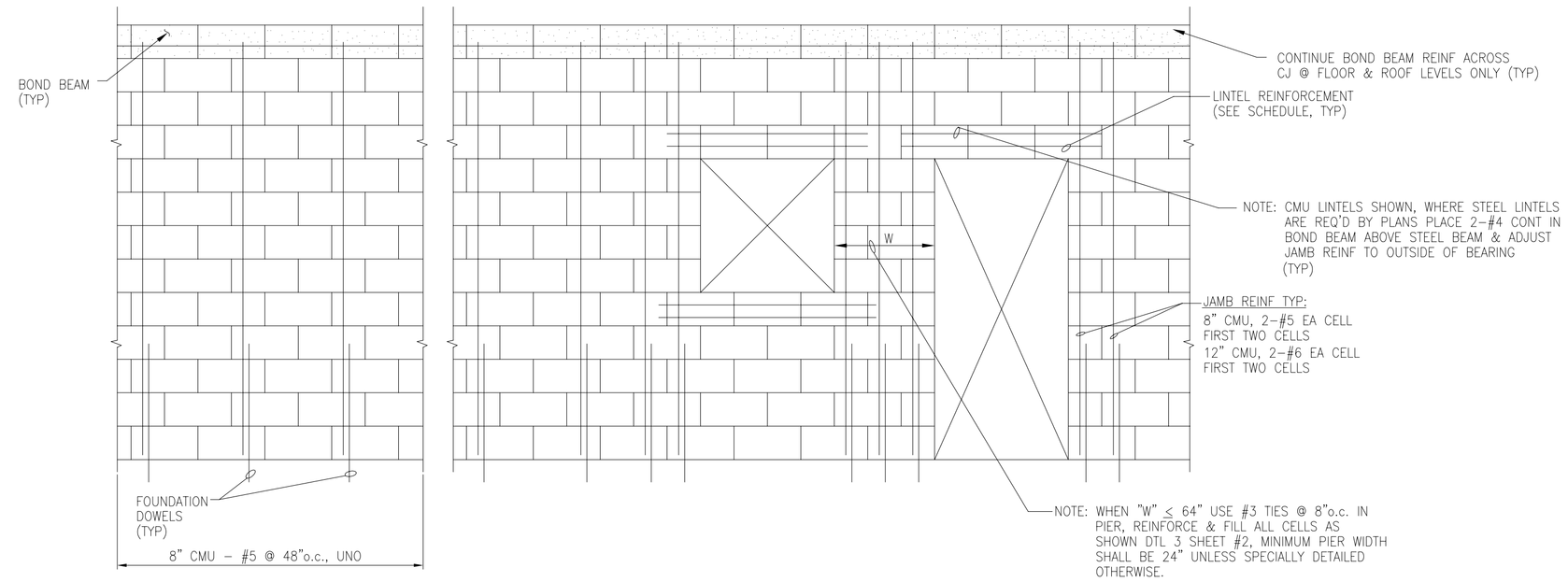


NOTE: VERIFY EXACT NUMBER, SIZE & LOCATION OF OPENINGS w/ ARCHITECTURAL & MECHANICAL DRAWINGS.

HEADER SCHEDULE	
JOIST SPACING	SIZE
UP TO 4'-6"	L2½x2½x¼
4'-6" TO 6'-6"	L3½x3½x¼-LLV
6'-7" TO 8'-0"	L4X3½x5/16-LLV

STEEL JOIST FRAMING

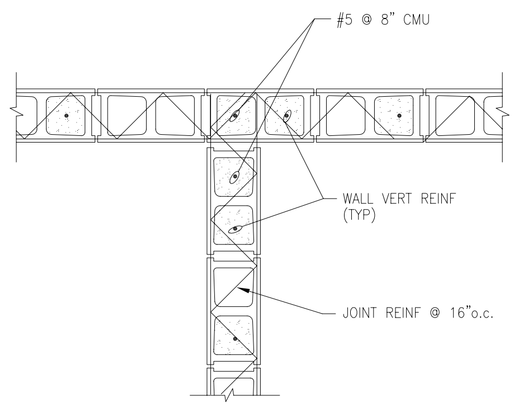
2 DETAIL-TYPICAL DBL ANGLE FRAMED CONN
S6 S7 S14 — 3/4"=1'-0"



3 DETAIL-TYPICAL BEAM TO TS COL CONN
S6 S7 S14 — NOT TO SCALE

NOTE: TUBE STEEL COLUMNS SHOWN, PIPE COLUMNS SIMILAR PROVIDE3/8" CAP PL @ TOP OF COL (TYP)

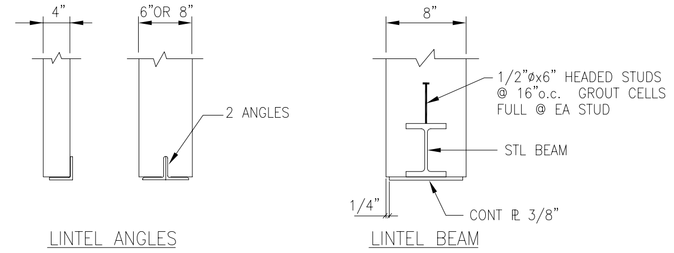
4 DETAIL-TYPICAL OPENING THRU STEEL DECK
S6 S7 S14 — NOT TO SCALE (TYPICAL UNLESS DETAILED OTHERWISE)



5 DETAIL-TYPICAL BOND BEAM, CONTROL JOINT & WALL REINFORCEMENT
S6 S7 S14 — NOT TO SCALE

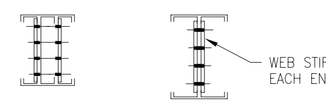
(NOTE: TYP VERTICAL REINFORCEMENT SHOWN IS FOR STRUCTURAL WALLS. REINFORCE ALL NON-LOAD BEARING WALLS w/ 1-#5 VERTICAL @ 48"o.c.)

LOOSE LINTEL SCHEDULE (SL)				
TYPE	CLEAR OPENING	LINTEL	BEARING EA END	REMARKS
A	6'-4" OR LESS	L3½X3½	4"	
A	OVER 6'-4" THRU 7'-10"	L4X3½X5/16 LLV	6"	
A	OVER 7'-10" THRU 9'-2"	L5X3½X5/16 LLV	6"	
A	OVER 9'-2" THRU 10'-10"	L6X4X7/16 LLV OR W8x10	8"	



NOTES:
1. SEE ARCH DWGS FOR CLEAR OPENING & DIMENSIONS.
2. PROVIDE ONE ANGLE FOR EACH 4" OR LESS THICKNESS OF MASONRY OR ONE BEAM FOR EACH 12" OR LESS THICKNESS OF MASONRY.
3. WHERE W BEAMS ARE USED, PROVIDE CONTINUOUS BOTTOM PLATE WELDED TO BEAM. PLATE SHALL BE 3/8" THICK AND 1/2" LESS THAN WALL THICKNESS IN WIDTH.
4. FOR CMU WALLS WITH OPENINGS OVER 6'-0", PROVIDE SOLID GROUTED OR SOLID MASONRY JAMB UNDER LINTEL EACH SIDE OF OPENING.
5. FOR CMU WALLS WITH OPENINGS LARGER THAN 10'-0", PROVIDE 2-5/8"ø x1'-6" ANCHOR BOLTS AT EACH END. SLOT HOLES IN BEAM.
6. USE THIS SCHEDULE UNLESS NOTED OR DETAILED OTHERWISE.

LIGHT GAGE STEEL LINTEL SCHEDULE (LGL)				
CLEAR OPENING	LINTEL	REMARKS	BEARING EA END	MINIMUM PROPERTIES
7'-0" OR LESS	(3)-10"x14 GAGE CEE METAL STUD w/ 16 GA TRACK TOP & BOTTOM	PROVIDE @ 6" WIDE LOAD BEARING WALLS	6"	Ix = 12.325 Sx = 2.47 A = 0.978 Fy = 50 ksi
7'-0" OR LESS	(2)-12"x14 GAGE JW METAL STUD w/ 16 GA TRACK TOP & BOTTOM	PROVIDE @ 4" WIDE LOAD BEARING WALLS	6"	Ix = 21.95 Sx = 3.66 A = 1.19 Fy = 50 ksi
7'-0" TO 10'-0"	(3)-12"x14 GAGE JW JOIST w/ 16 GA TRACK TOP & BOTTOM	PROVIDE @ 6" WIDE LOAD BEARING WALLS	6"	Ix = 21.95 Sx = 3.66 A = 1.19 Fy = 50 ksi



NOTE:
1. ALL LINTELS SHALL HAVE 6" MINIMUM BEARING @ EA END.
2. PROVIDE LINTELS OVER ALL OPENINGS, INCLUDING BUT NOT LIMITED TO: DOORS, WINDOWS, DUCTS, LOUVERS RECESSES UNLESS SHOWN OR NOTED OTHERWISE.
3. FOR DIMENSIONS AND LOCATION OF OPENINGS SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DWGS
4. ALL EXTERIOR LINTELS SHALL BE EPOXY PAINTED.
5. PROVIDE DOUBLE STUDS AT LINTEL BEARING TYPICAL.
6. DALE/INCOR MATERIALS ARE NOTED. MATERIALS BY OTHER MANUFACTURERS MAY BE USED WHICH MEET OR EXCEED THE MINIMUM PROPERTIES.
7. PROVIDE WEB STIFFENERS @ EA. END.

6 DETAIL-TYPICAL INTERSECTION @ STRUCTURAL WALLS
S6 S7 S14 — NOT TO SCALE

NOTE: STRUCTURAL WALLS ARE LOAD BEARING WALLS OR SHEAR WALLS. SEE FLOOR PLAN FOR LOCATION.

7 LOOSE STEEL LINTEL SCHEDULE (SL)
S6 S7 S14 — NOT TO SCALE

8 LIGHT GAGE LINTEL SCHEDULE LGL
S6 S7 S14 — NOT TO SCALE

DRAWING: 488135\14 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-10-01

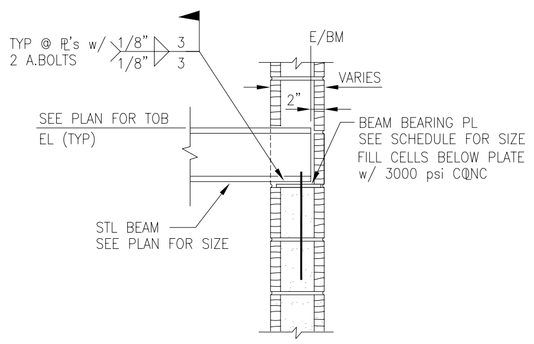
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

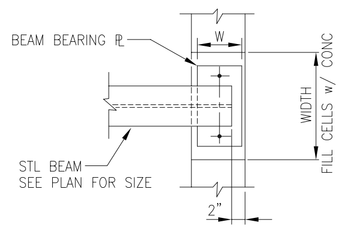
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
FRAMING DETAILS
AS-BUILT

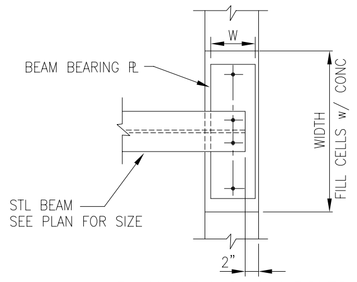
DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S14
SCALE: 3/4"=1'-0"	54 OF 108



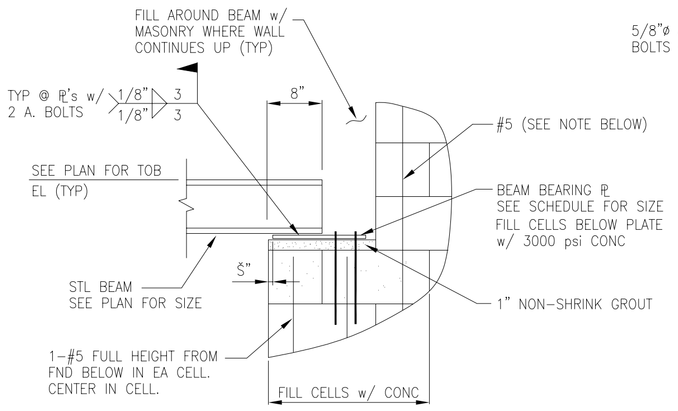
BEAM PERPENDICULAR TO WALL



PLAN VIEW @ 2 A.BOLTS

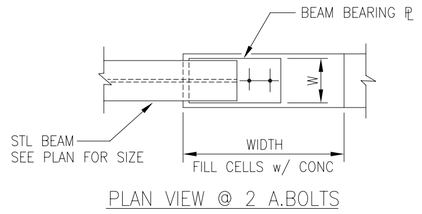


PLAN VIEW @ 4 A.BOLTS



BEAM PARALLEL TO WALL

BEAM BEARING PLATE SCHEDULE		
BEAM SIZE	PLATE SIZE	NO. A.BOLTS/SIZE
W8,W10	Šx6x1'-0"	2-?"ø
W12,W14,W16	ŽxWx1'-0"	2-Ž"ø
W18	1xWx1'-8"	2-Ž"ø
W21	1ŽxWx2'-0"	2-Ž"ø
W24	1ŽxWx2'-8"	2-Ž"ø

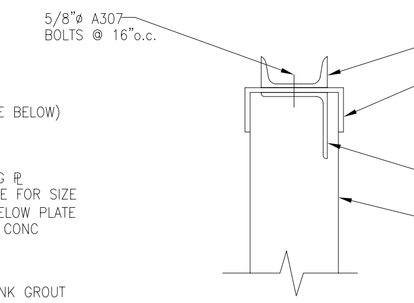


PLAN VIEW @ 2 A.BOLTS

NOTE:

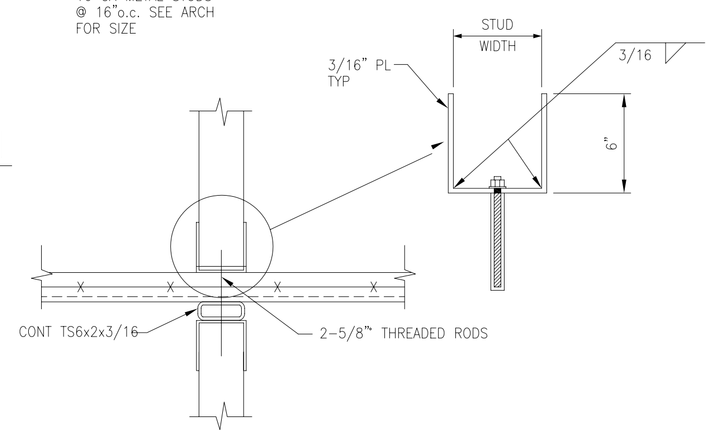
W=CMU WIDTH-5/8"

WHERE R's NOTED OR DETAILED TO HAVE 4 A. BOLTS, PROVIDE OVERSIZED HOLES & WASHERS. TWO BOLTS TO BE SPACED AT BEAM FLANGE GAGE. BEAM FLANGE TO HAVE LONG SLOTTED HOLES PARALLEL TO BEAM WEB. DO NOT WELD BEAM TO PLATE. PROVIDE 1" MIN NON-SHRINK GROUT BELOW PLATE.



A S15|S15 SECTION

NOT TO SCALE

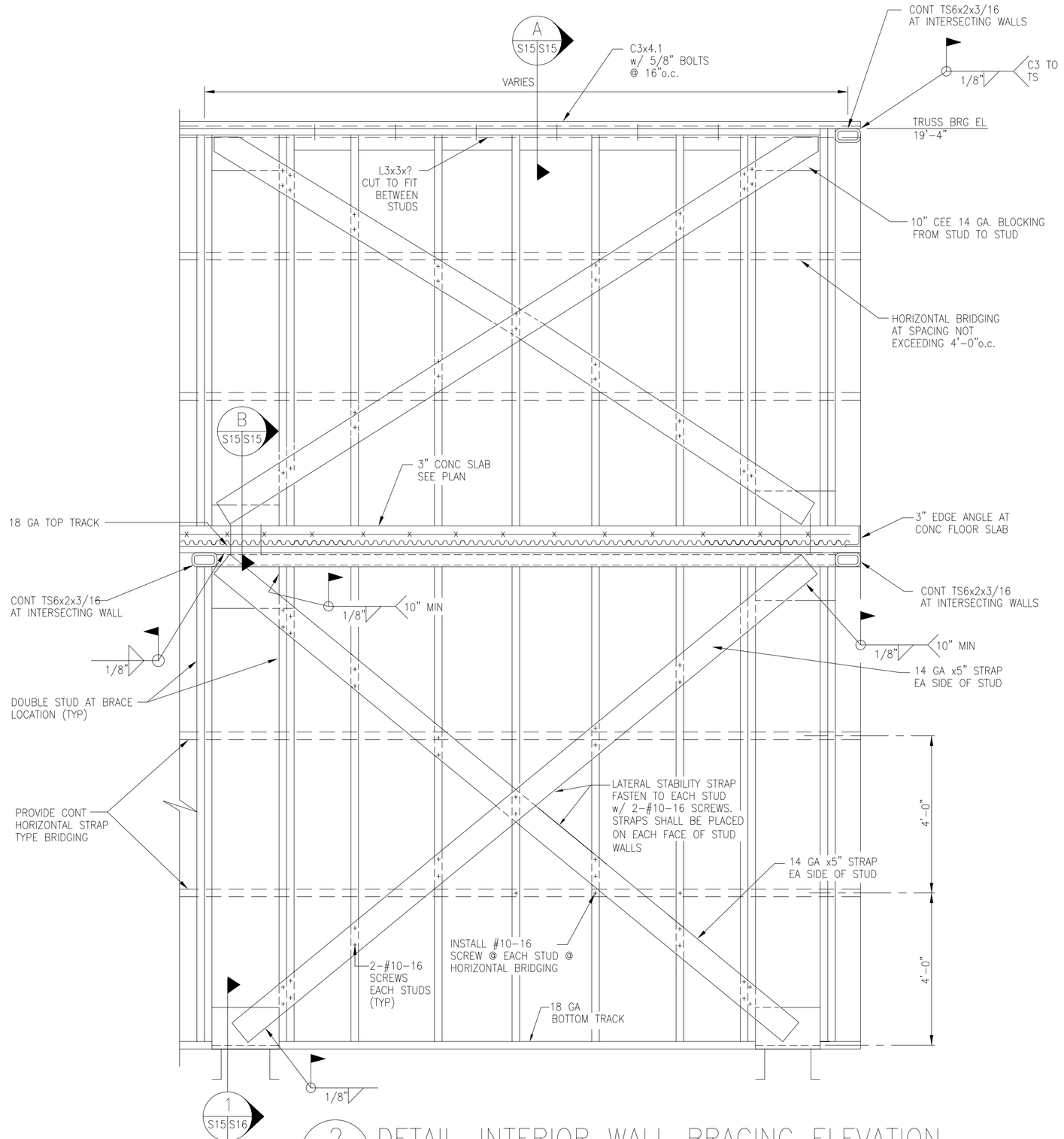


B S15|S15 SECTION

NOT TO SCALE

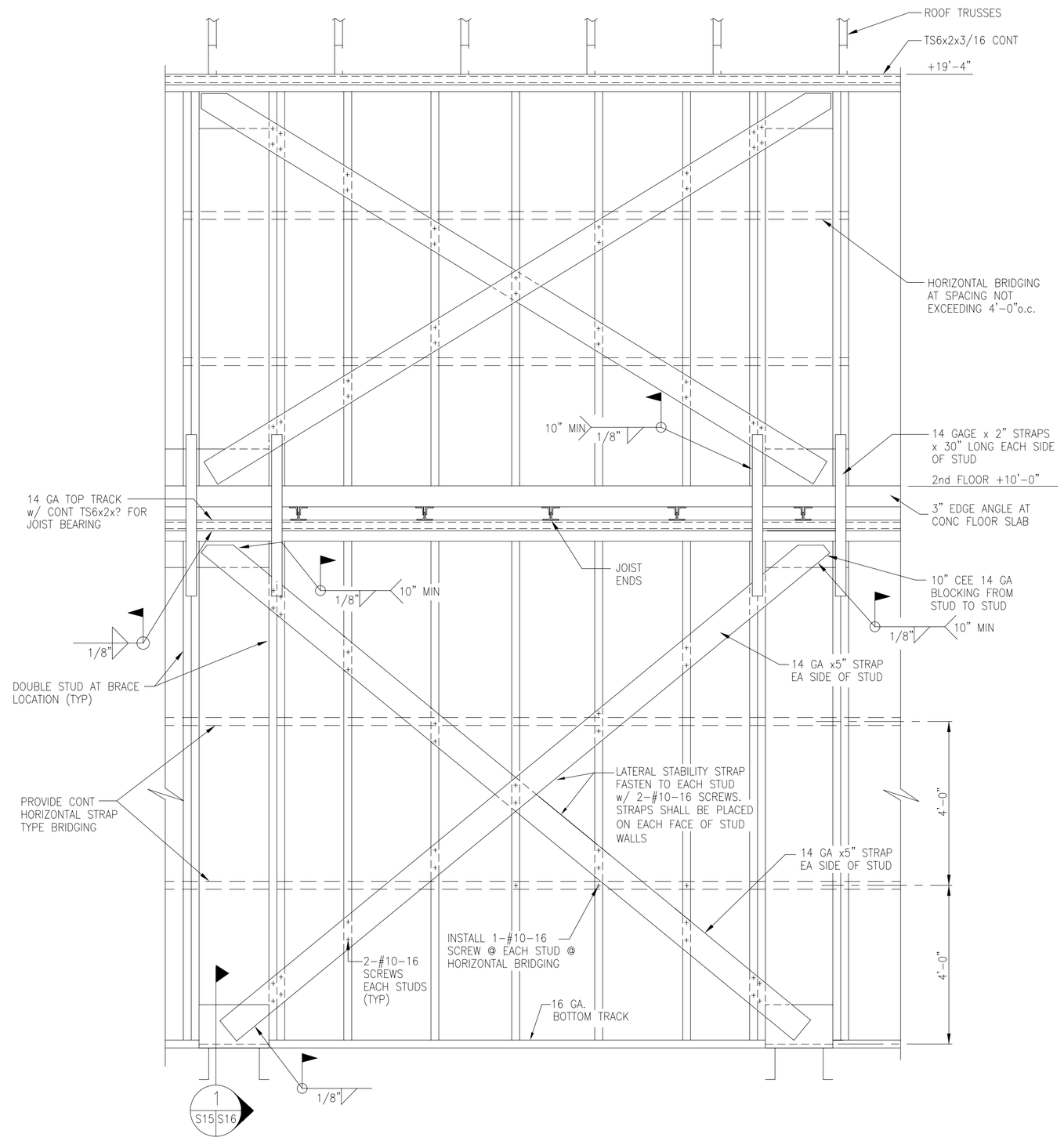
1 S8|S15 DETAIL-TYPICAL BEAM BEARING

NOT TO SCALE (TYPICAL UNLESS NOTED OR DETAILED OTHERWISE)



2 S1 S2 | S15 DETAIL-INTERIOR WALL BRACING ELEVATION

NOT TO SCALE



3 S1 S2 | S15 DETAIL-WALL BRACING ELEVATION @ EXTERIOR WALL

NOT TO SCALE

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Chages from Design to As-Built			

PROJECT TITLE

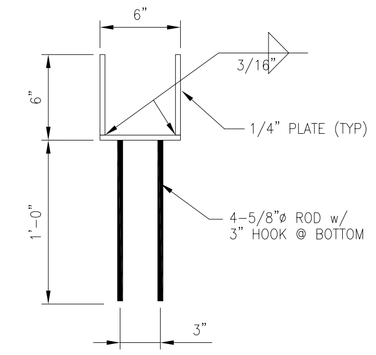
TEMPORARY LODGING FACILITY

SHEET TITLE

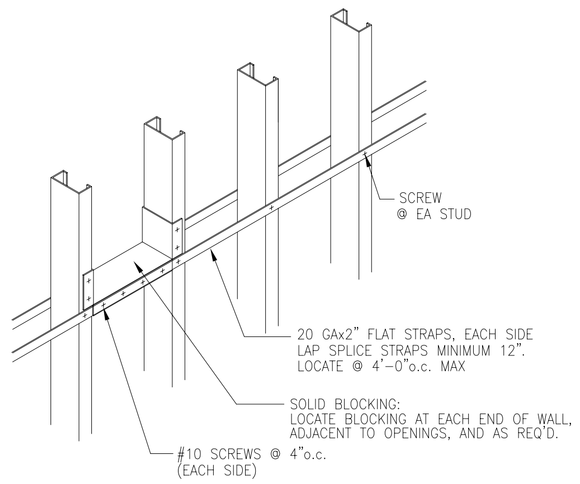
FRAMING DETAILS
AS-BUILT

DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S15
SCALE: NTS	55 OF 108

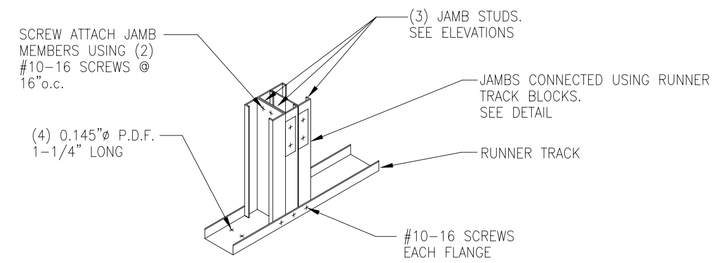
DRAWING: 48813S15 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01



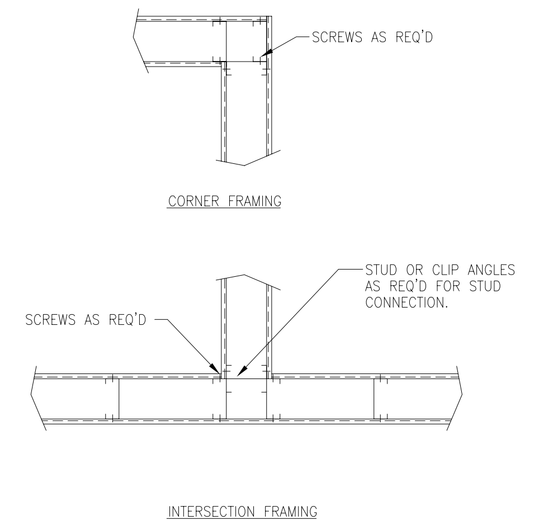
1 SECTION
S15 S16
NOT TO SCALE



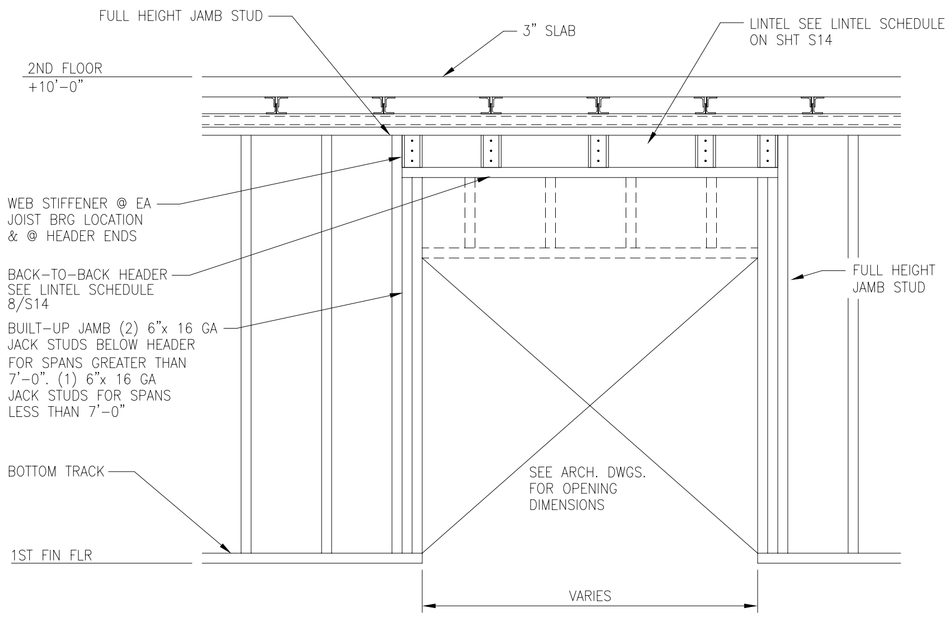
2 DETAIL–WALL BRIDGING
S6 S16
NOT TO SCALE
NOTE: ALTERNATE BRIDGEING DETAILS MAY BE SUBMITTED BY CONTRACTOR FOR APPROVAL.



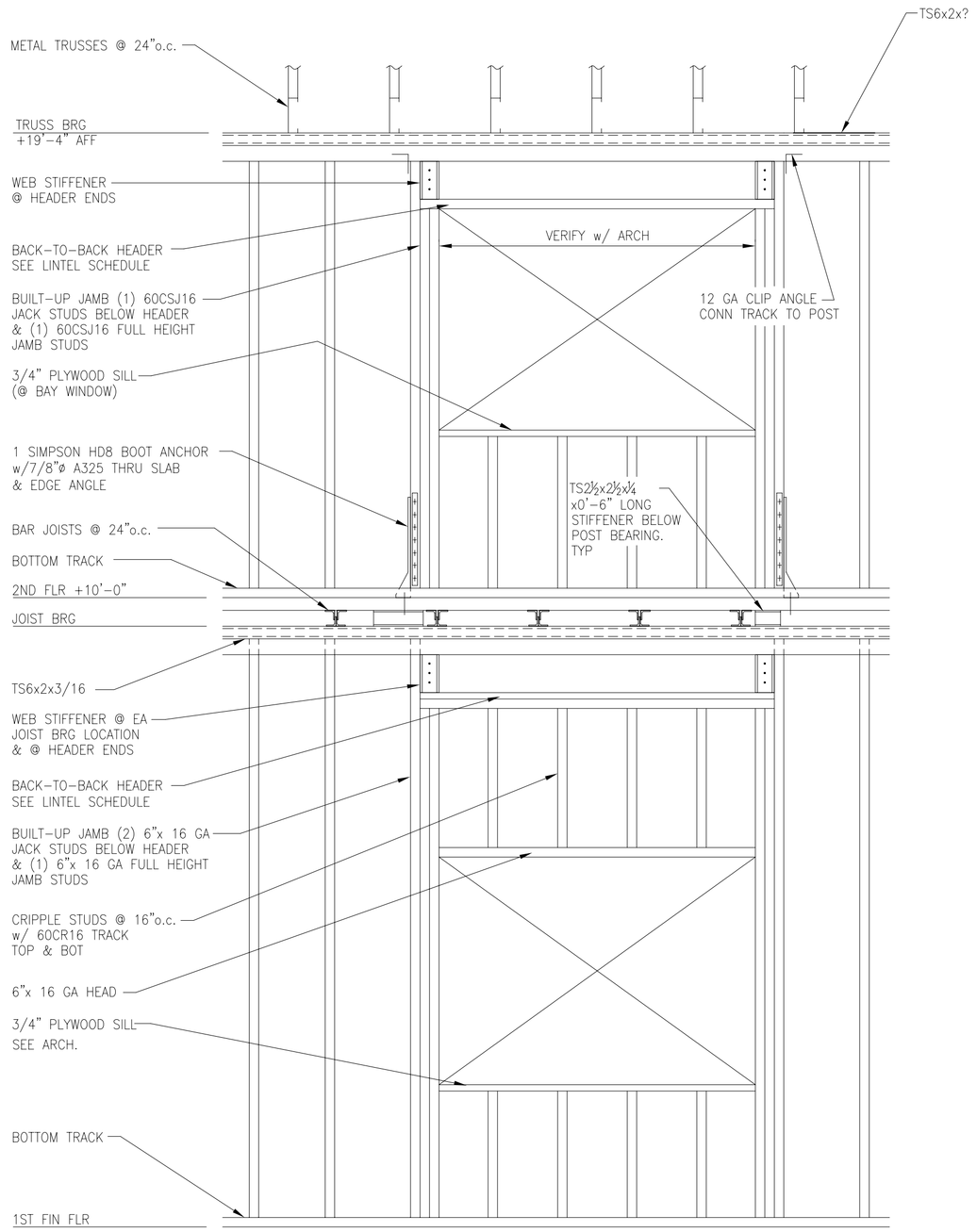
3 DETAIL–TYPICAL JAMB ANCHORAGE
S6 S16
NOT TO SCALE



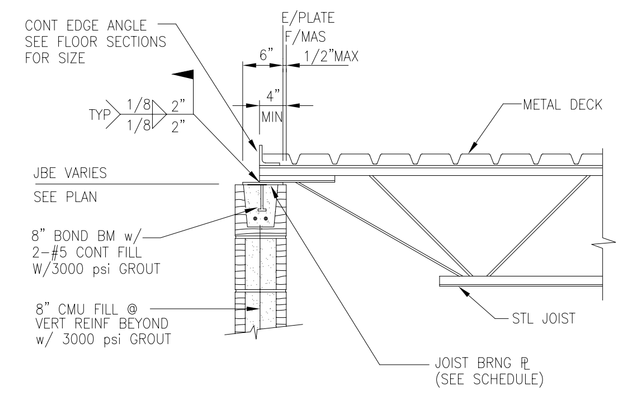
4 DETAIL–INTERSECTION FRAMING
S6 S16
NOT TO SCALE



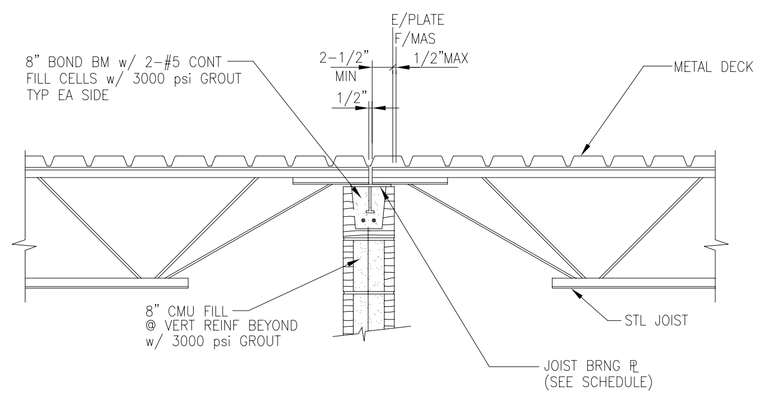
5 DETAIL–INTERIOR LINTEL ELEVATION
S6 S16
NOT TO SCALE
ONE STORY DOOR OPENING



6 DETAIL–OPENING ELEVATION
S6 S16
NOT TO SCALE



JOIST BEARING ON ONE SIDE
(SECTION)



JOIST BEARING ON BOTH SIDES
(SECTION)

BEARING PLATE SCHEDULE		
	JST ONE SIDE	
8" CMU	3/8x6"x0'-8"	3/8x7"x0'-8"

* ALL BEARING R's TO HAVE
2-1/2"ø x4" H. STUDS

7 DETAIL–STEEL JOISTS BEARING ON MASONRY
S6 S16
NOT TO SCALE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

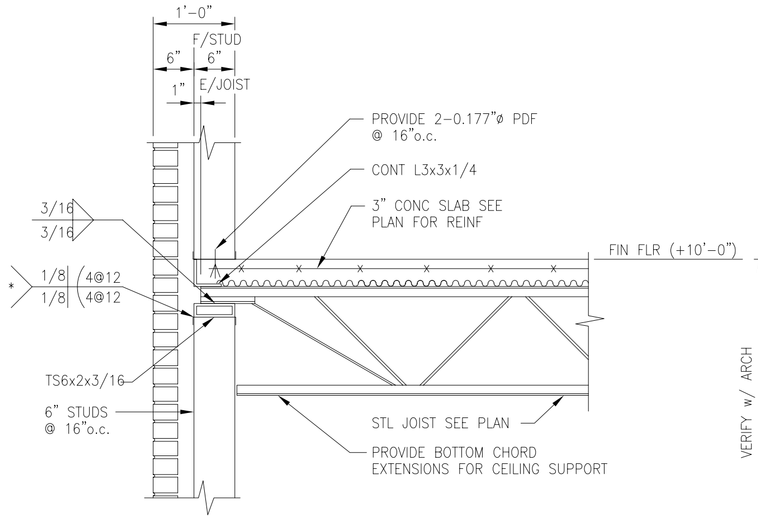
No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ROOF FRAMING SECTIONS AS-BUILT

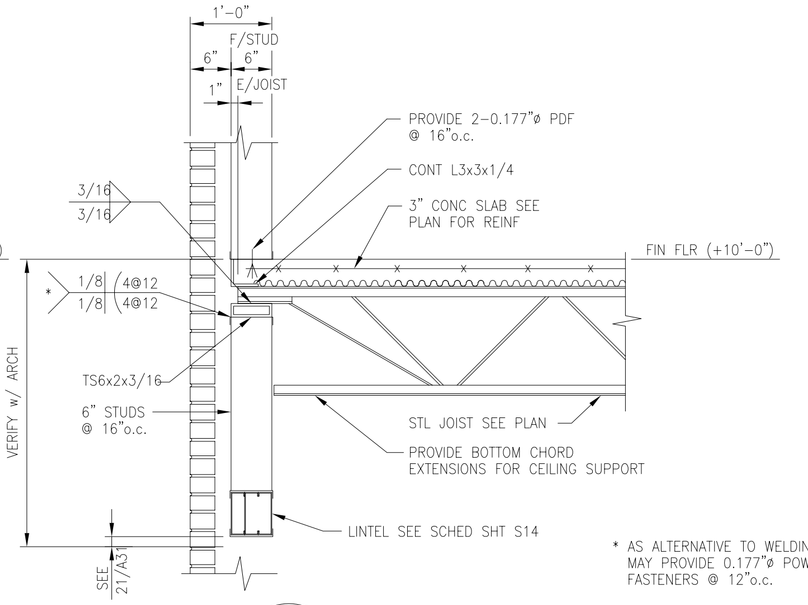
DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S16
SCALE: 3/4"=1'-0"	56 OF 108

DRAWING: 48813S16 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01



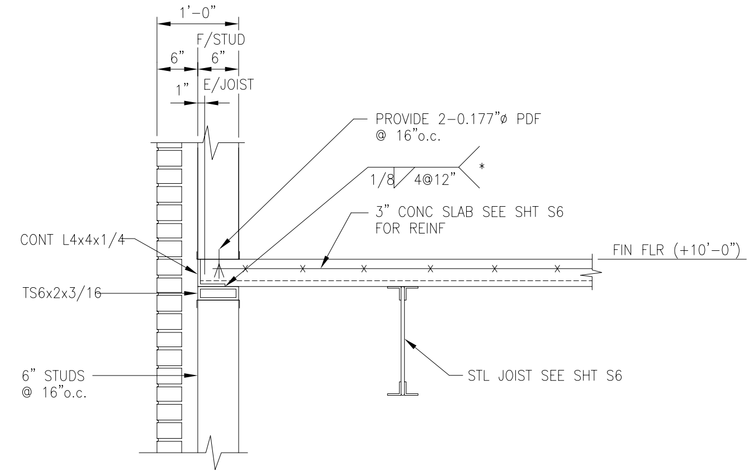
* AS ALTERNATIVE TO WELDING CONTRACTOR MAY PROVIDE 0.177"ø POWER DRIVEN FASTENERS @ 12"o.c.

A S6 S7 S17 SECTION
3/4"=1'-0"



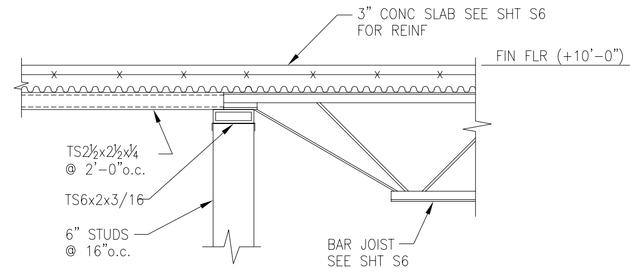
* AS ALTERNATIVE TO WELDING CONTRACTOR MAY PROVIDE 0.177"ø POWER DRIVEN FASTENERS @ 12"o.c.

B S6 S7 S17 SECTION
3/4"=1'-0"

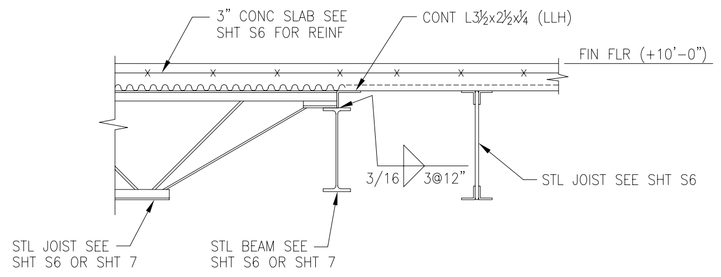


* AS ALTERNATIVE TO WELDING CONTRACTOR MAY PROVIDE 0.177"ø POWER DRIVEN FASTENERS @ 12"o.c.

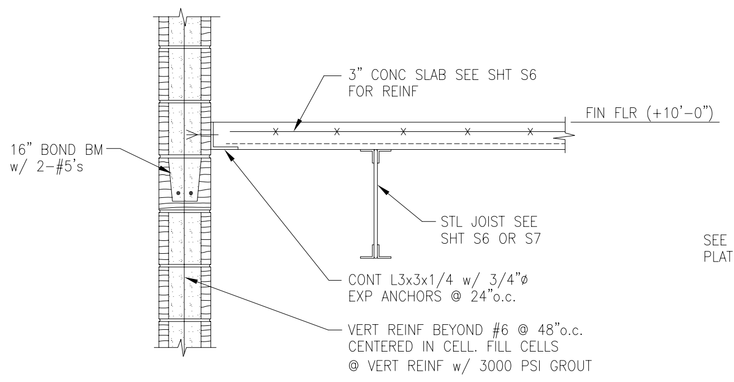
C S6 S7 S17 SECTION
3/4"=1'-0"



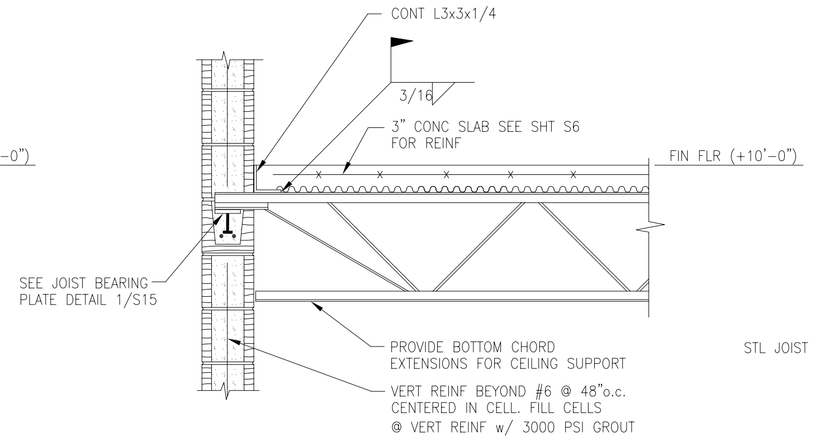
D S6 S7 S17 SECTION
3/4"=1'-0"



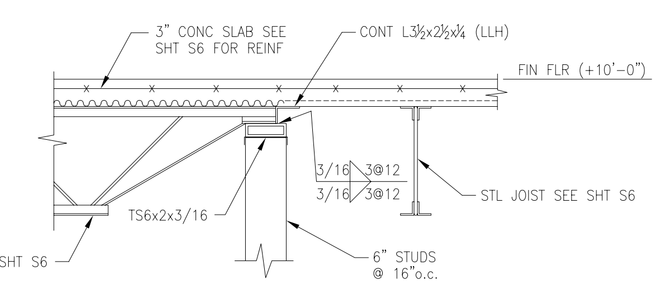
E S6 S7 S17 SECTION
3/4"=1'-0"



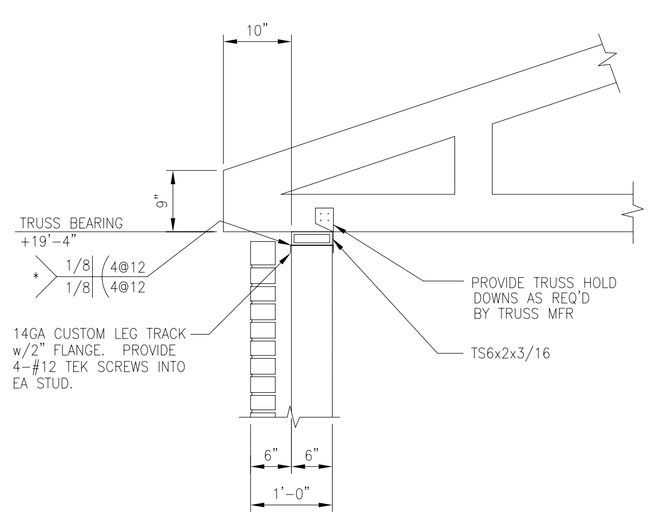
F S6 S7 S17 SECTION
3/4"=1'-0"



G S6 S7 S17 SECTION
3/4"=1'-0"

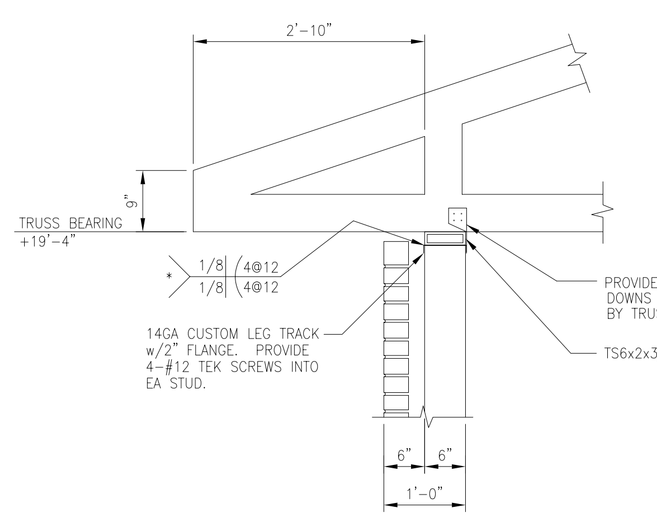


H S6 S7 S17 SECTION
3/4"=1'-0"



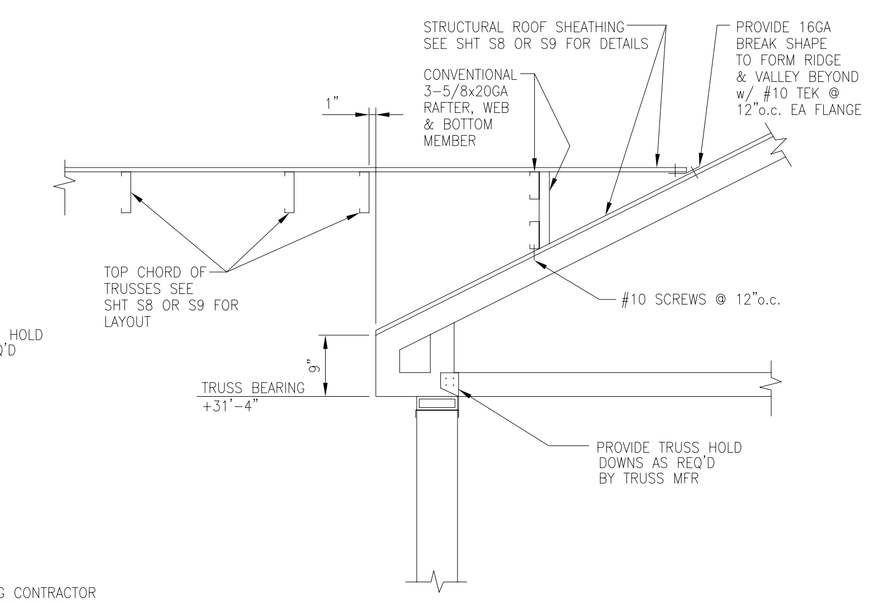
* AS ALTERNATIVE TO WELDING CONTRACTOR MAY PROVIDE 0.177"ø POWER DRIVEN FASTENERS @ 12"o.c.

J S8 S9 S17 SECTION
3/4"=1'-0"

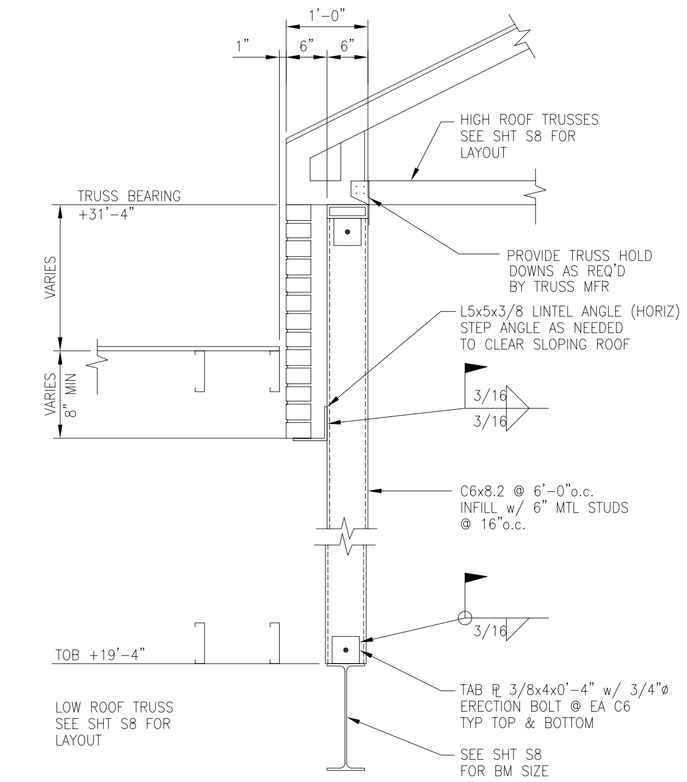


* AS ALTERNATIVE TO WELDING CONTRACTOR MAY PROVIDE 0.177"ø POWER DRIVEN FASTENERS @ 12"o.c.

K S8 S9 S17 SECTION
3/4"=1'-0"



L S8 S9 S17 SECTION @ HIGH ROOF
3/4"=1'-0"



M S8 S9 S17 SECTION @ HIGH ROOF
3/4"=1'-0"

DRAWING: 48813517 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-10-01

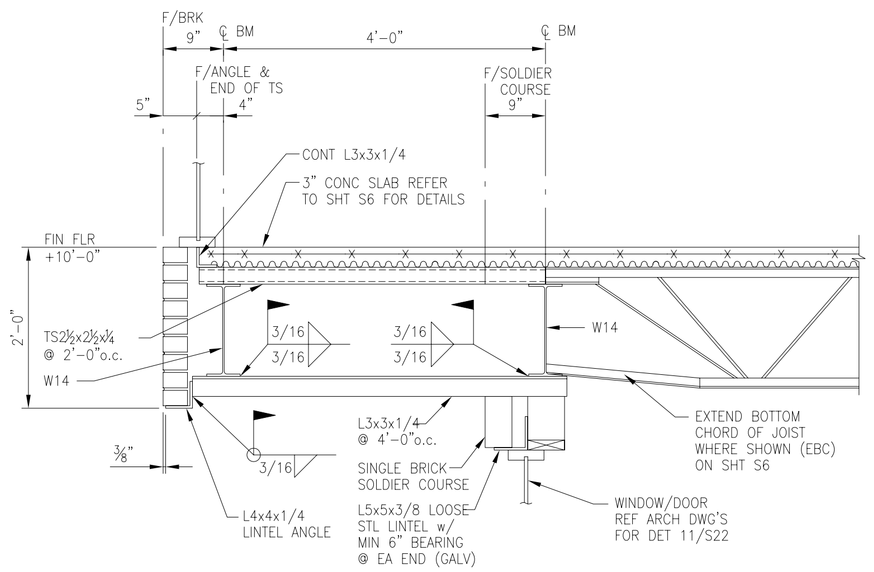
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

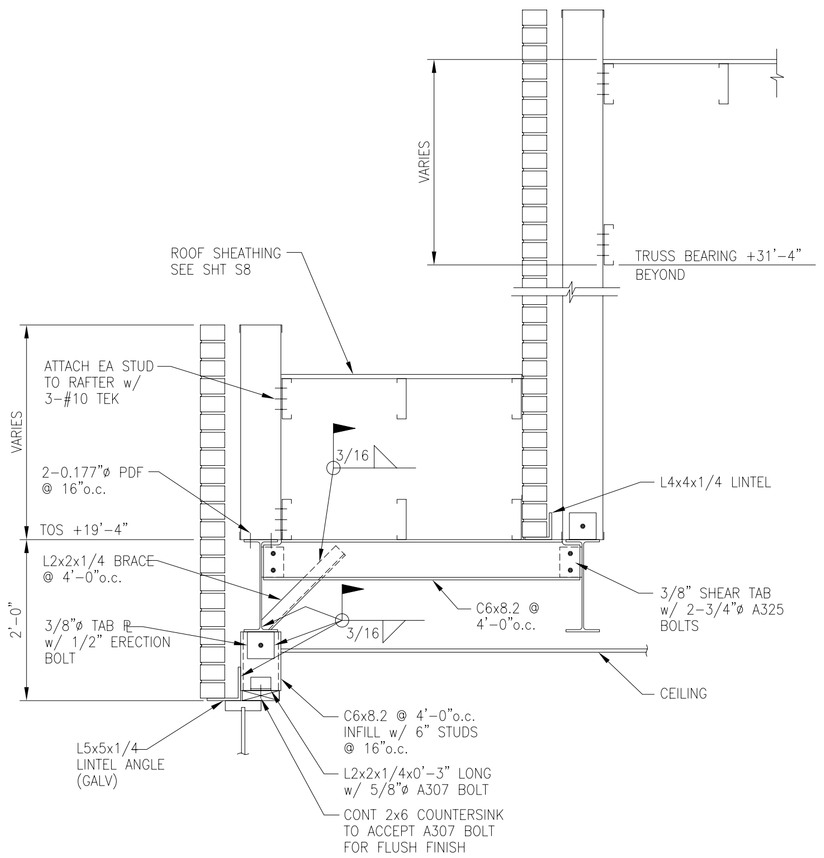
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ROOF FRAMING SECTIONS AS-BUILT

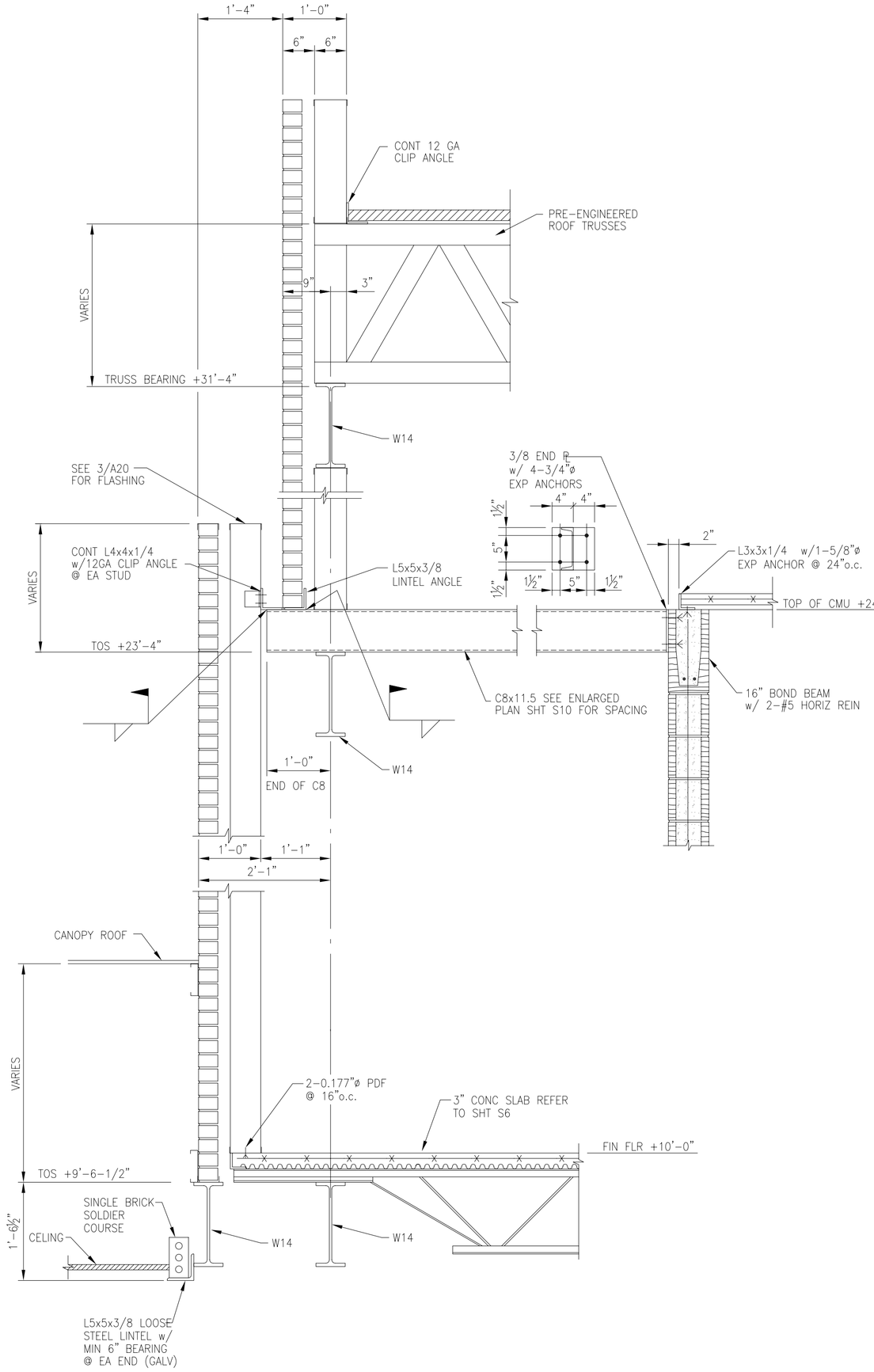
DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S17
SCALE: 3/4"=1'-0"	57 OF 108



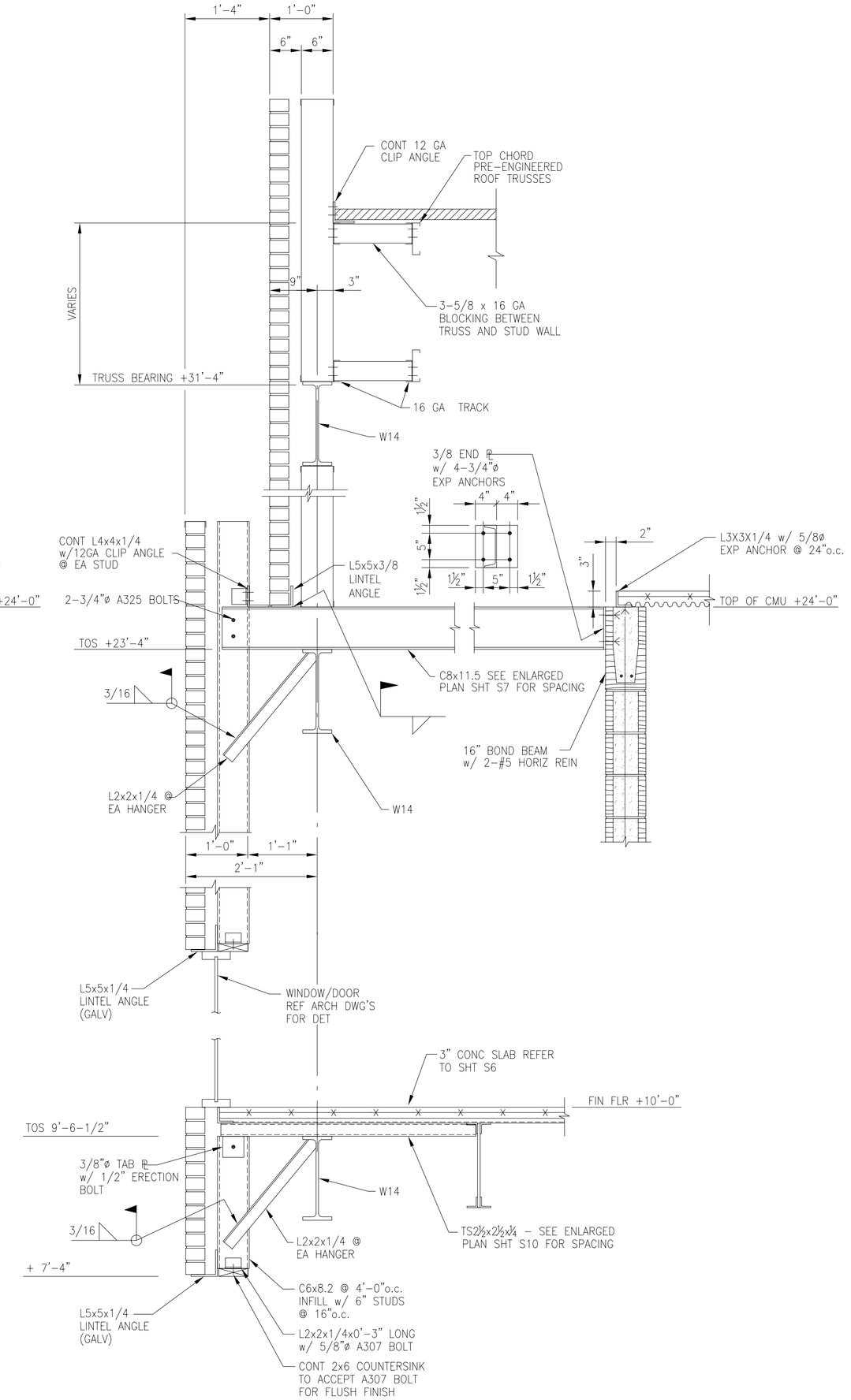
A S6 S18 SECTION
3/4"=1'-0"



B S8 S9 S18 SECTION HIGH ROOF IN FRONT
3/4"=1'-0"



C S10 S18 SECTION HIGH ROOF IN FRONT
3/4"=1'-0"



D S8 S9 S18 SECTION HIGH ROOF IN FRONT
3/4"=1'-0"

DRAWING: 4881S518 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-10-01

AIR EDUCATION & TRAINING COMMAND

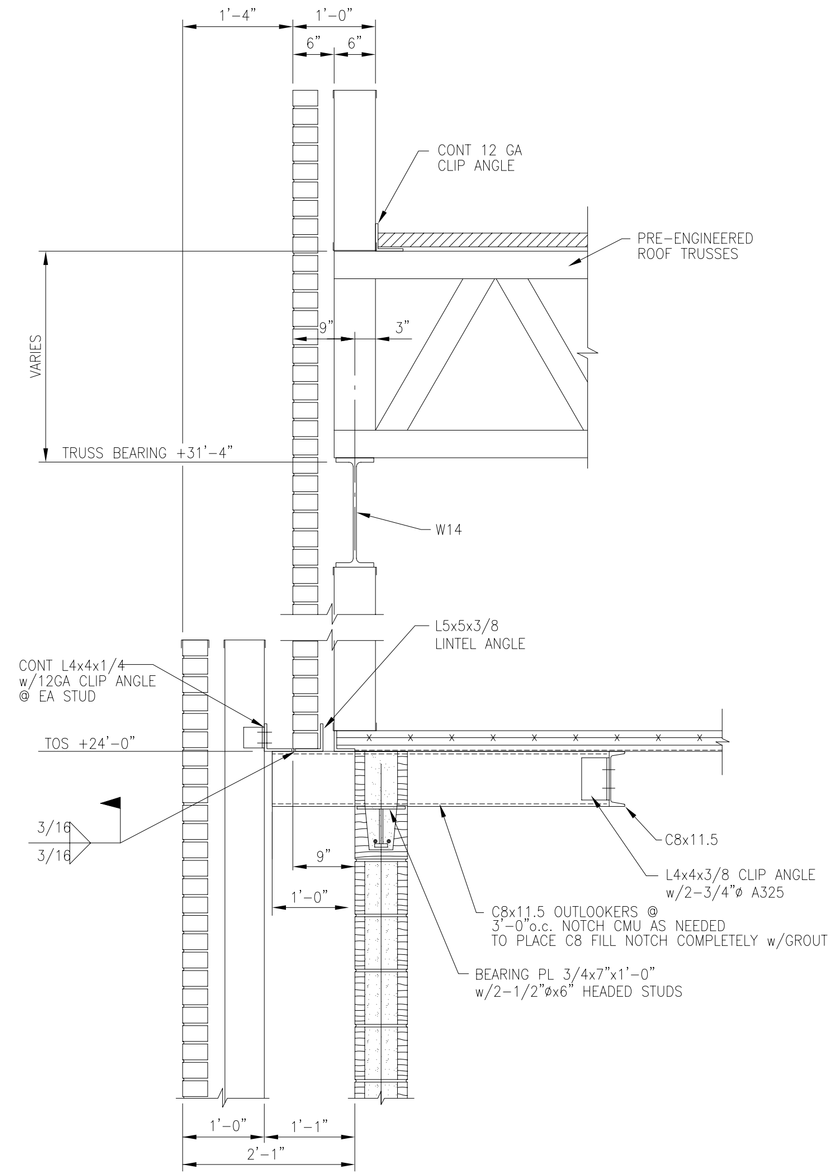
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

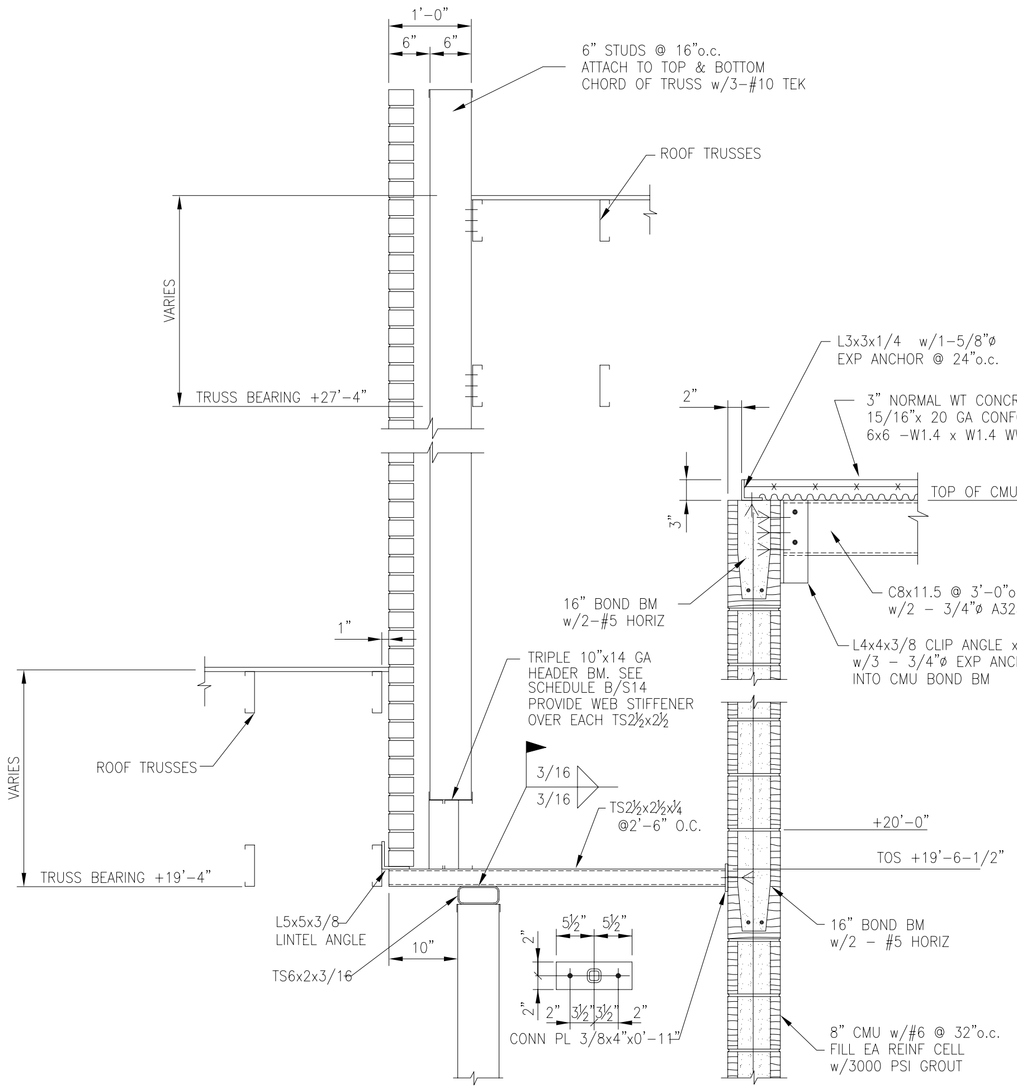
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ROOF FRAMING SECTIONS
AS-BUILT

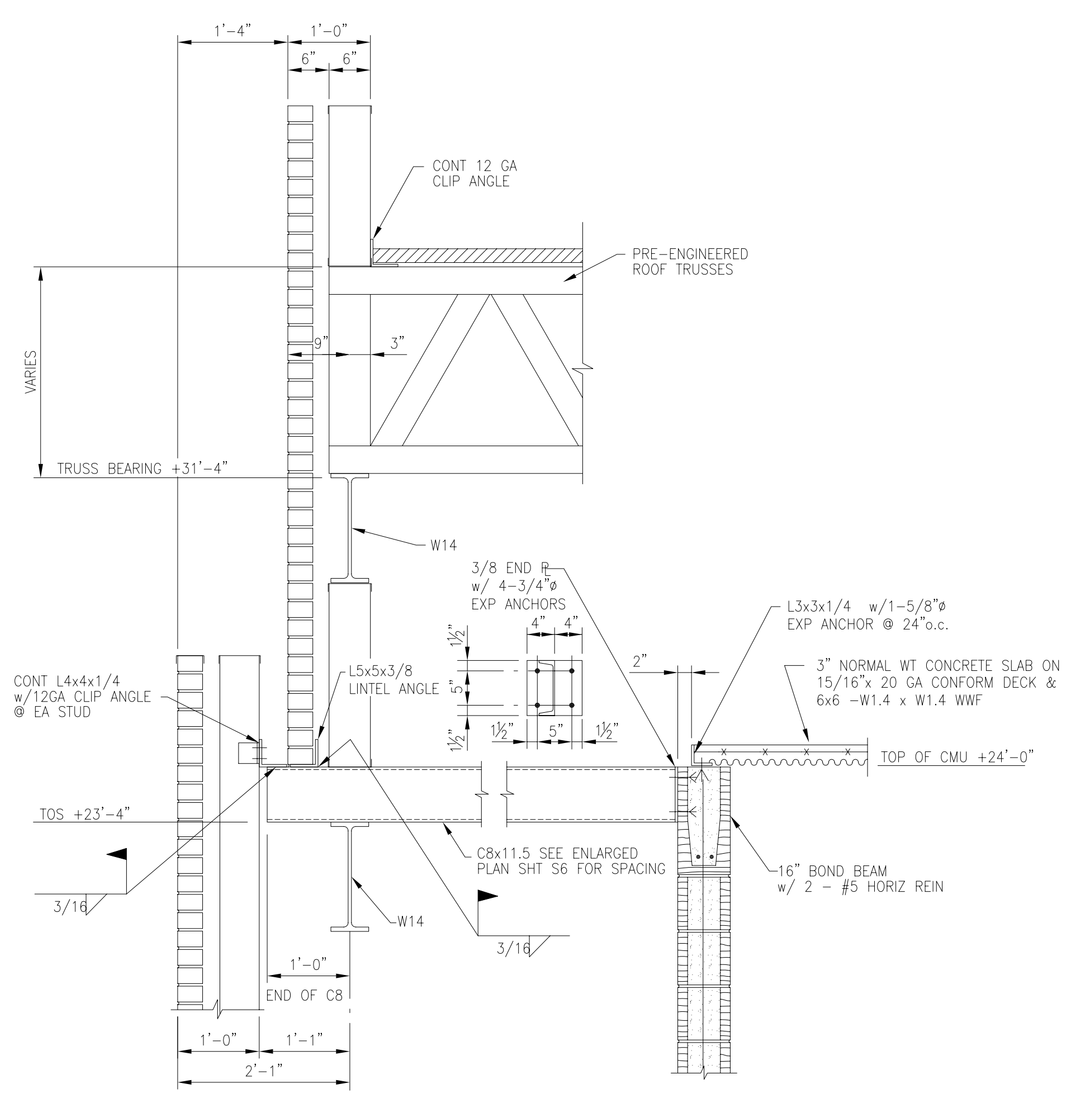
DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S18
SCALE: 3/4"=1'-0"	58 OF 108



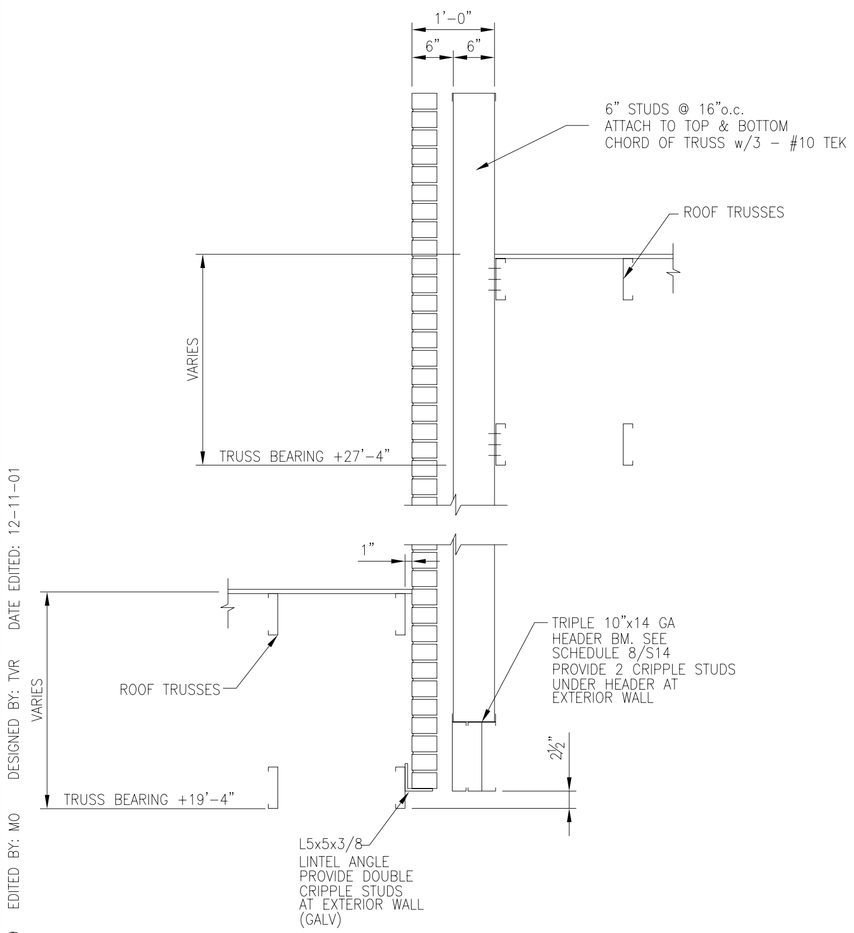
A SECTION
S9 S19
3/4"=1'-0"



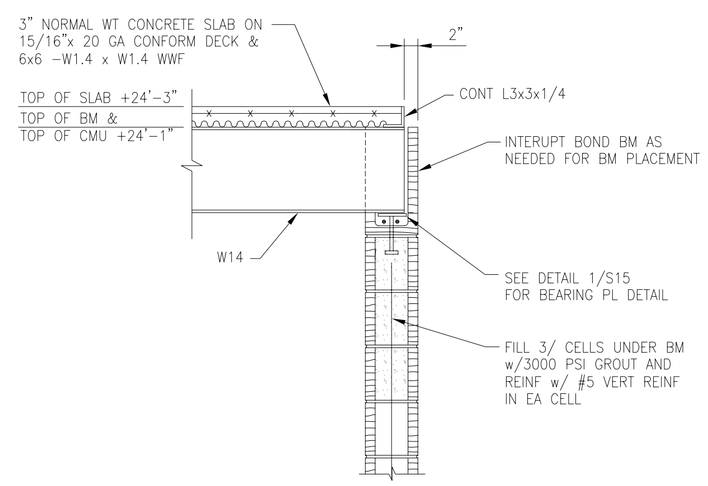
B SECTION
S9 S19
3/4



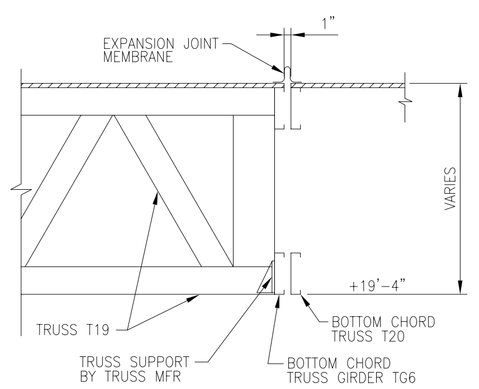
C SECTION
S9 S19
3/4"=1'-0"



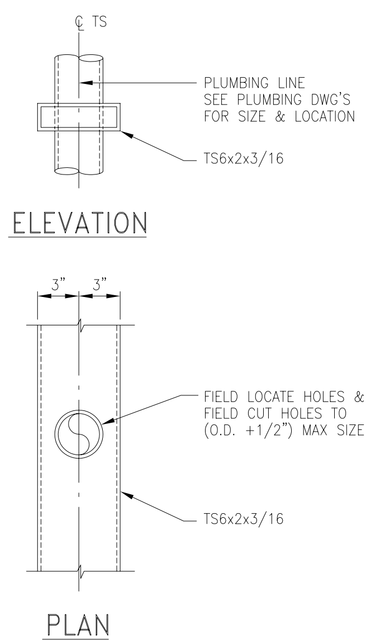
D SECTION
S8 S19
3/4"=1'-0"



E SECTION
S9 S19
3/4"=1'-0"



F SECTION
S8 S9 S19
3/4"=1'-0"



1 DETAIL-PLUMBING PENETRATION THRU TS BEARING PLATE
S6 S7 S19
NOT TO SCALE

LITTLE ROCK A.F.B.
ARKANSAS

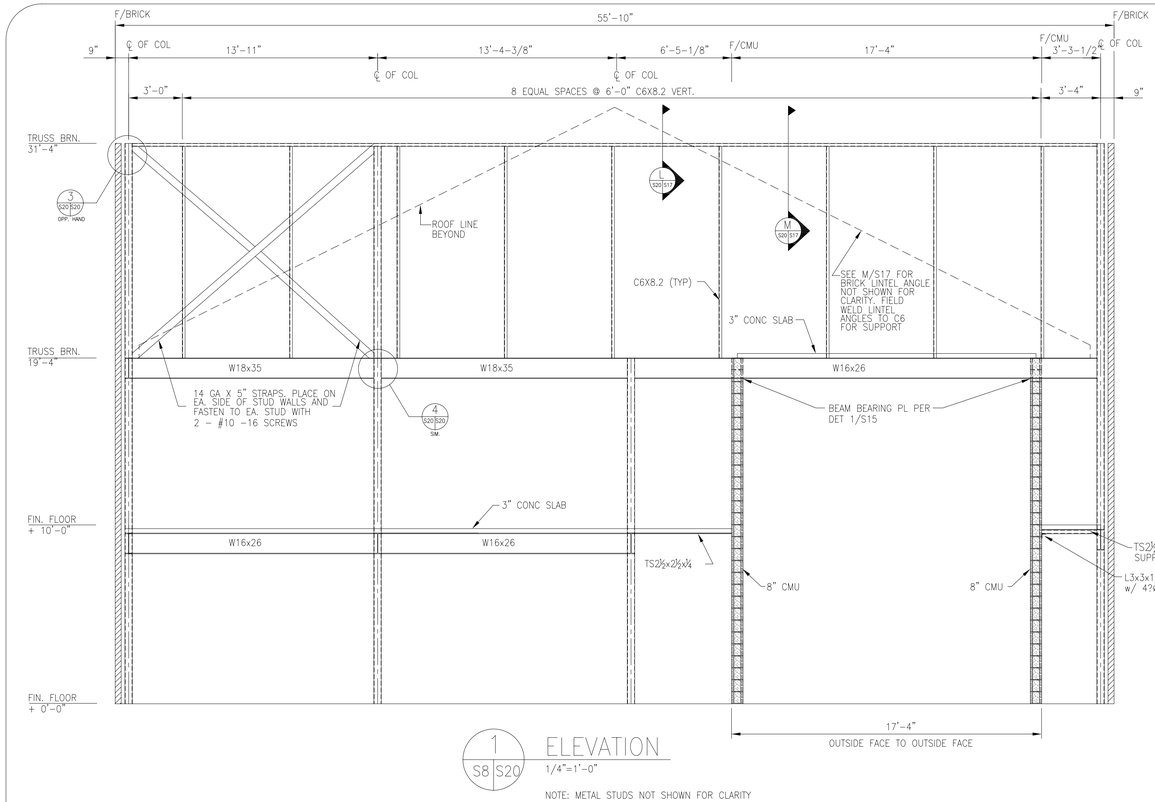
No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ROOF FRAMING SECTIONS AS-BUILT

DRAWN BY: TLK	LEAD DESIGNER
TECH REVIEWER	FILE LOCATION
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S19
SCALE: 3/4"=1'-0"	59 OF 108

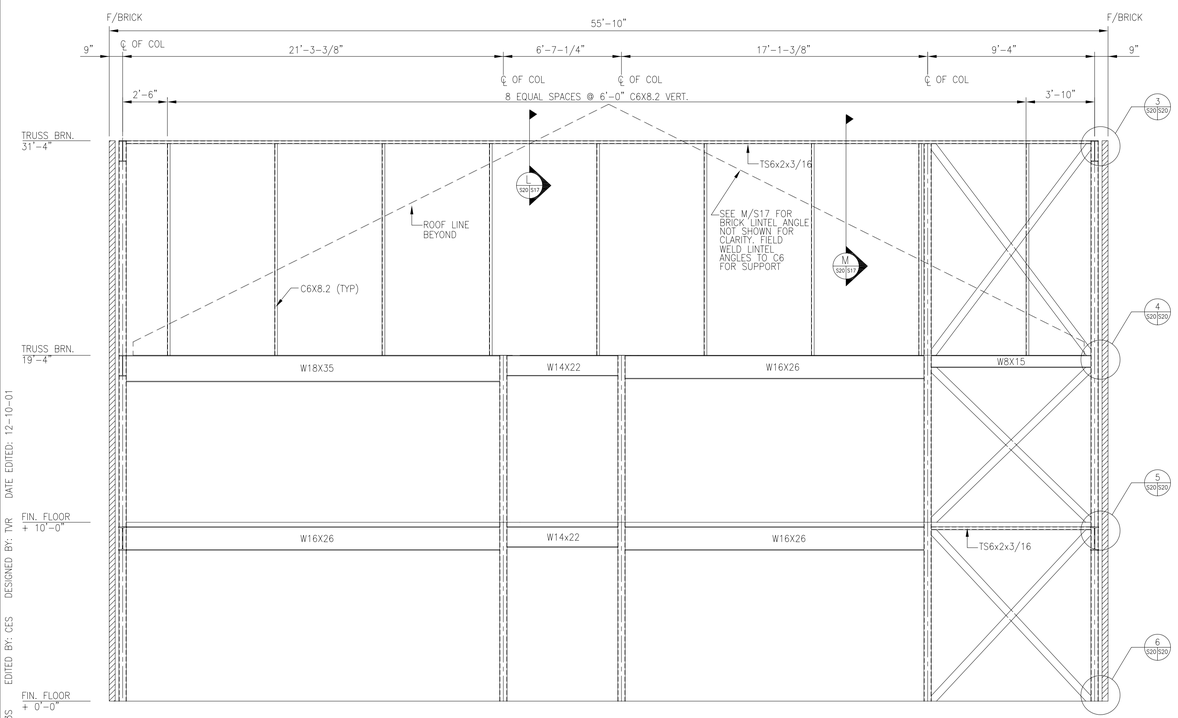
DRAWING: 488135\19 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01



1 S8 S20 ELEVATION

1/4"=1'-0"

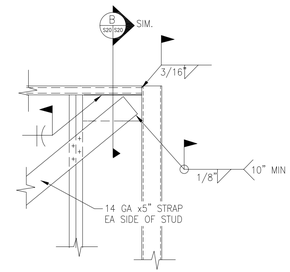
NOTE: METAL STUDS NOT SHOWN FOR CLARITY



2 S8 S20 ELEVATION

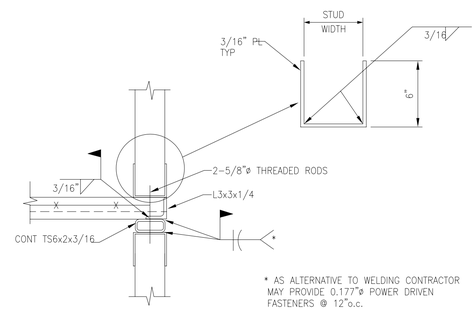
1/4"=1'-0"

NOTE: METAL STUDS NOT SHOWN FOR CLARITY



3 S20 S20 DETAIL

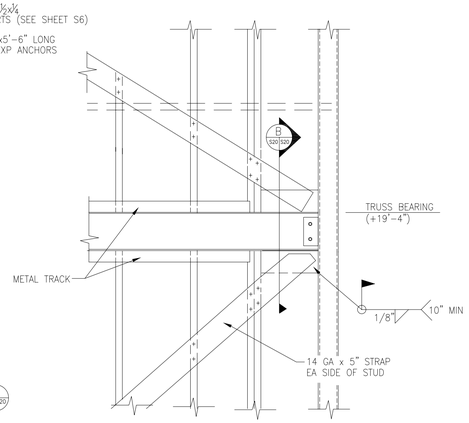
NOT TO SCALE



* AS ALTERNATIVE TO WELDING CONTRACTOR MAY PROVIDE 0.177"ø POWER DRIVEN FASTENERS @ 12"o.c.

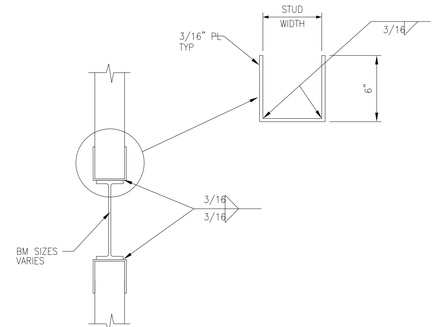
A S20 S20 SECTION

NOT TO SCALE



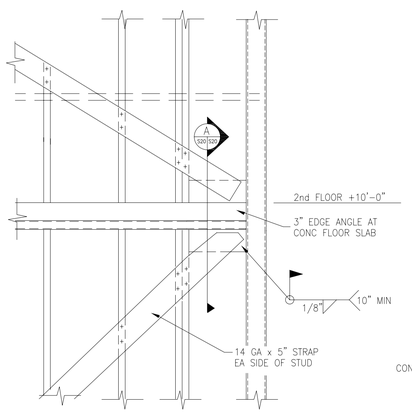
4 S20 S20 DETAIL

NOT TO SCALE



B S20 S20 SECTION

NOT TO SCALE



5 S20 S20 DETAIL

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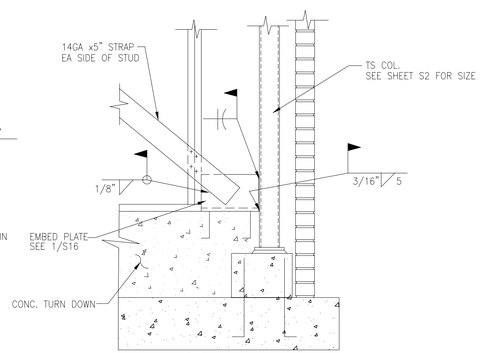


6 S20 S20 DETAIL

NOT TO SCALE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

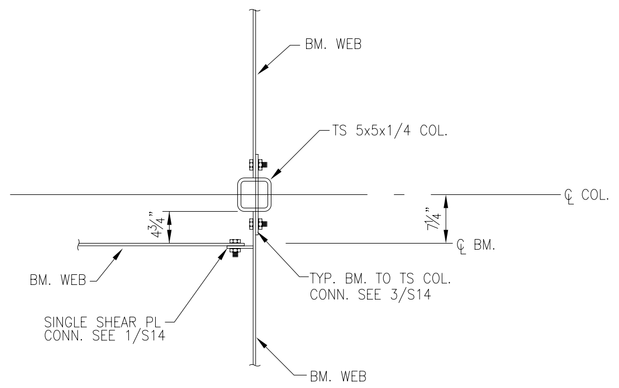
SHEET TITLE

WALL ELEVATIONS, SECTION AND DETAILS

AS-BUILT

DRAWN BY	LEAD DESIGNER
TECH REVIEWER	FILE LOCATION
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S20
SCALE: 3/32"=1'-0"	60 OF 108

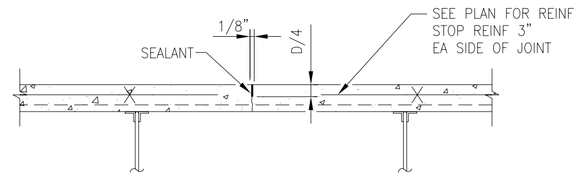
DRAWING: 48813S EDITED BY: CES DESIGNED BY: TVR DATE EDITED: 12-10-01



1 / S6 S21 — DETAIL–BM CONNECTION PLATE LOCATION

3/4"=1'–0"

NOTE: BM FLANGES NOT SHOWN FOR CLARITY



NOTE:
THE SAWCUTTING SHALL BE DONE AS SOON AS THE CONCRETE HAS HARDENED SUFFICIENTLY TO PERMIT CUTTING w/o CHIPPING, SPALLING OR TEARING BUT NOT MORE THAN 8 HOURS AFTER CASTING.

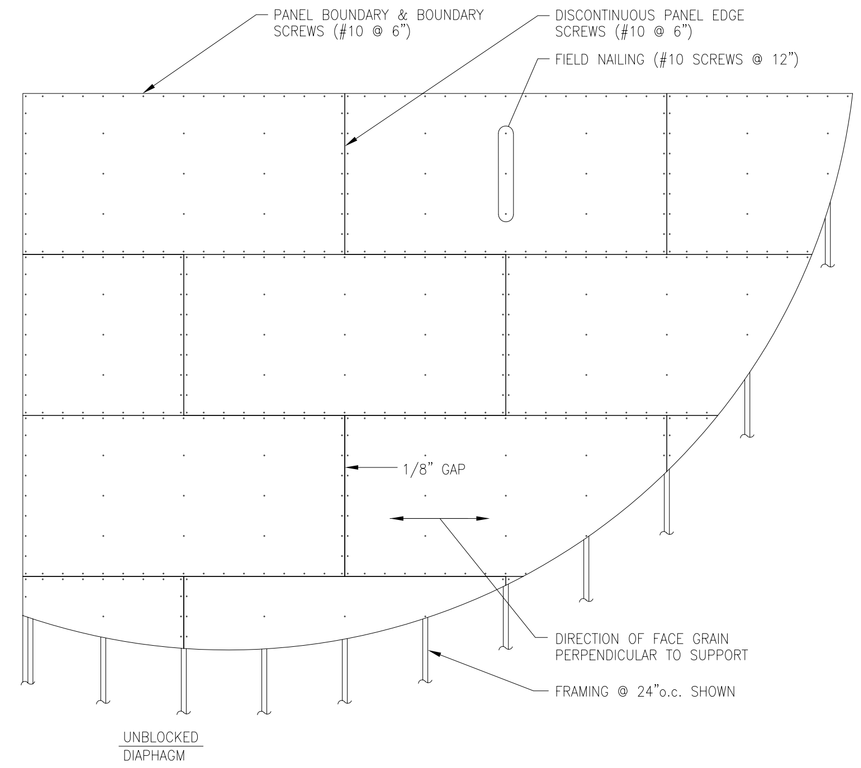
THE CONTRACTOR MAY OPTION TO SAWCUT ANY CJ'S AS INDICATED ON PLAN

2 / S4 S5 S21 — DETAIL–ELEVATED CONTROL JOINT

3/4"=1'–0"

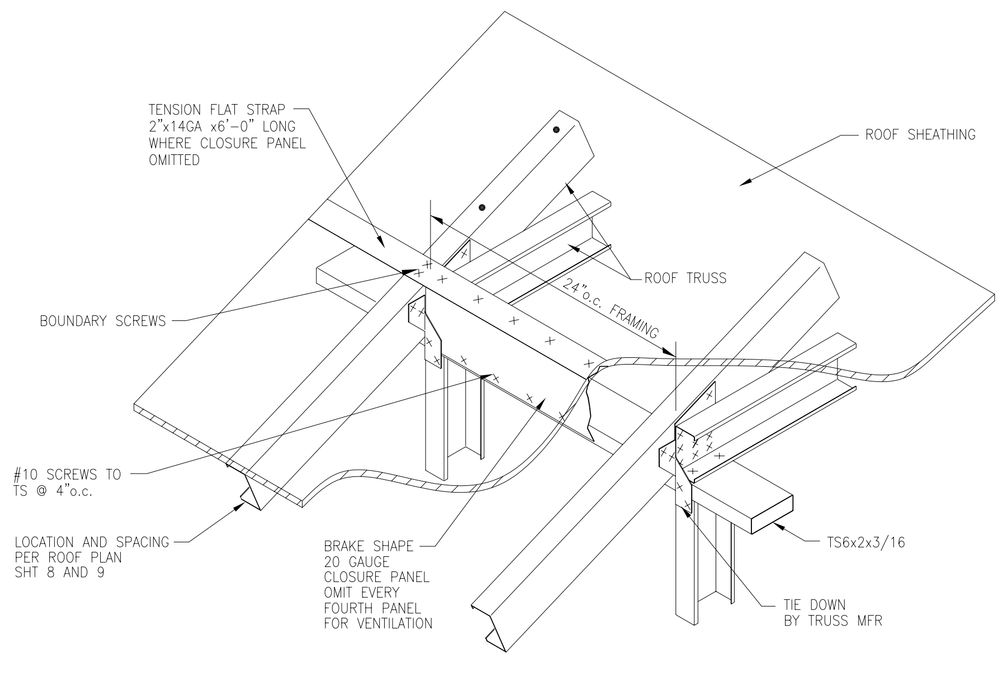
SAWCUT CONTROL JOINT

NOTES:
1. STAGGER JOINTS AS SHOWN
2. MIN SIZE OF SHEET SHALL BE 2'x2'
3. SCREW EACH CORNER OF PANEL & MID–POINT OF FULL SIZE SHEETS PRIOR TO NAILING
4. SCREWS SHALL BE DRIVEN TIGHT BUT SHALL NOT FACTURE SURFACE OF SHEATHING
5. TOLERANCE ON FASTENING SHALL BE ±1" WITH THE AVERAGE NAIL SPACING OVER ANY 4' LENGTH BEING AT LEAST THAT NOTED ON THE PLAN
6. SEE DETAIL 4/S21 FOR CLOSURE PANELS @ TRUSS BEARING



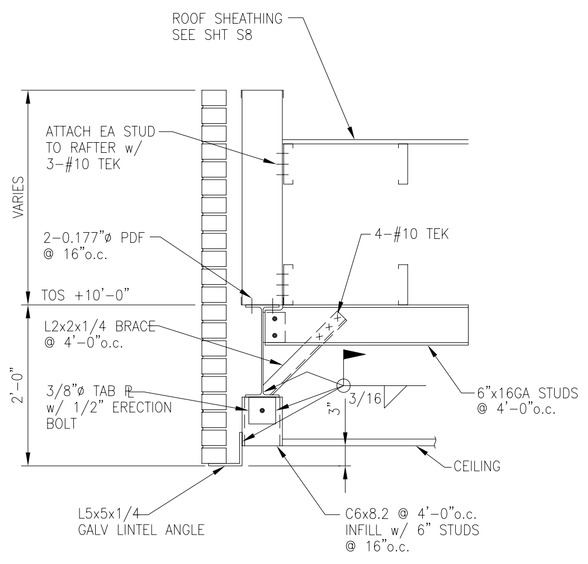
3 / S8 S9 S21 — ROOF SHEATHING ON STEEL

NOT TO SCALE



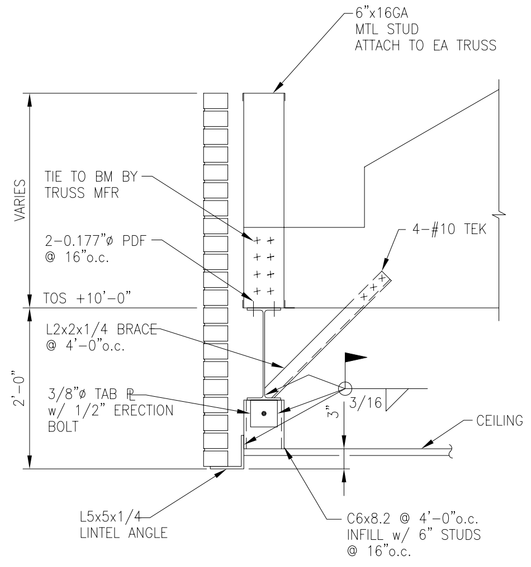
4 / S21 S21 — DETAIL–CLOSURE PANEL @ TRUSS BEARING

NOT TO SCALE



A / S8 S9 S21 — SECTION

3/4"=1'–0"



B / S8 S9 S21 — SECTION

3/4"=1'–0"

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

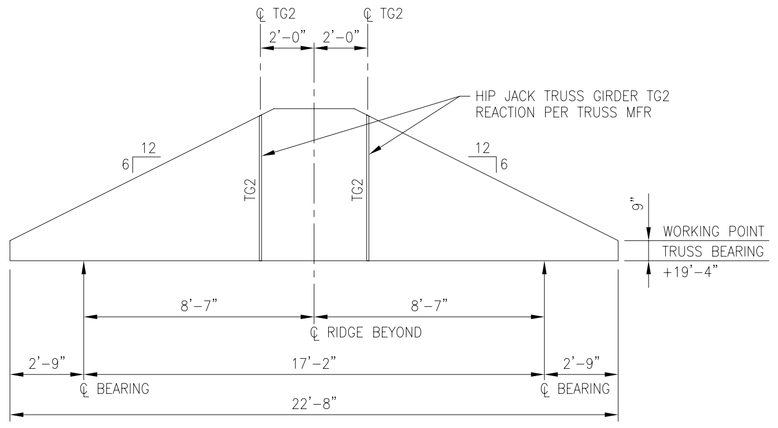
PROJECT TITLE

TEMPORARY LODGING FACILITY

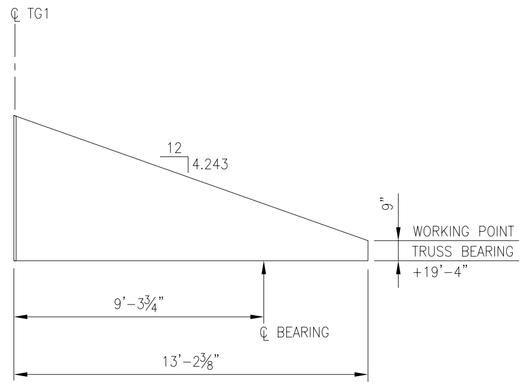
SHEET TITLE

ROOF FRAMING SECTIONS AS–BUILT

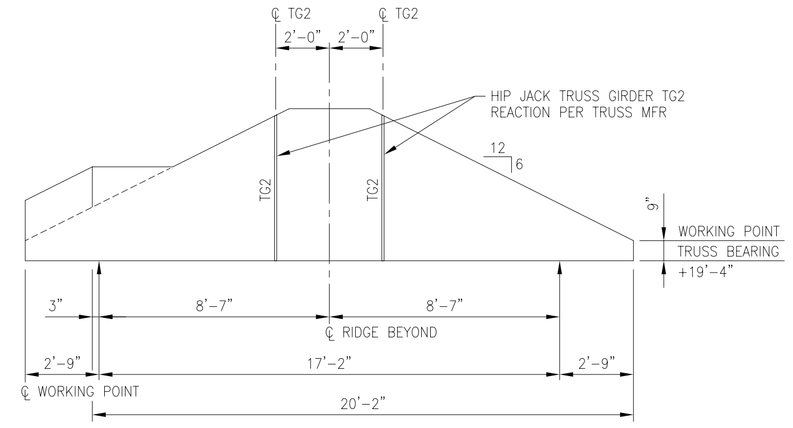
DRAWN BY: TLK	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02–5001
DATE: 28 MAY 2002	SHEET: S21
SCALE: 3/4"=1'–0"	61 OF 108



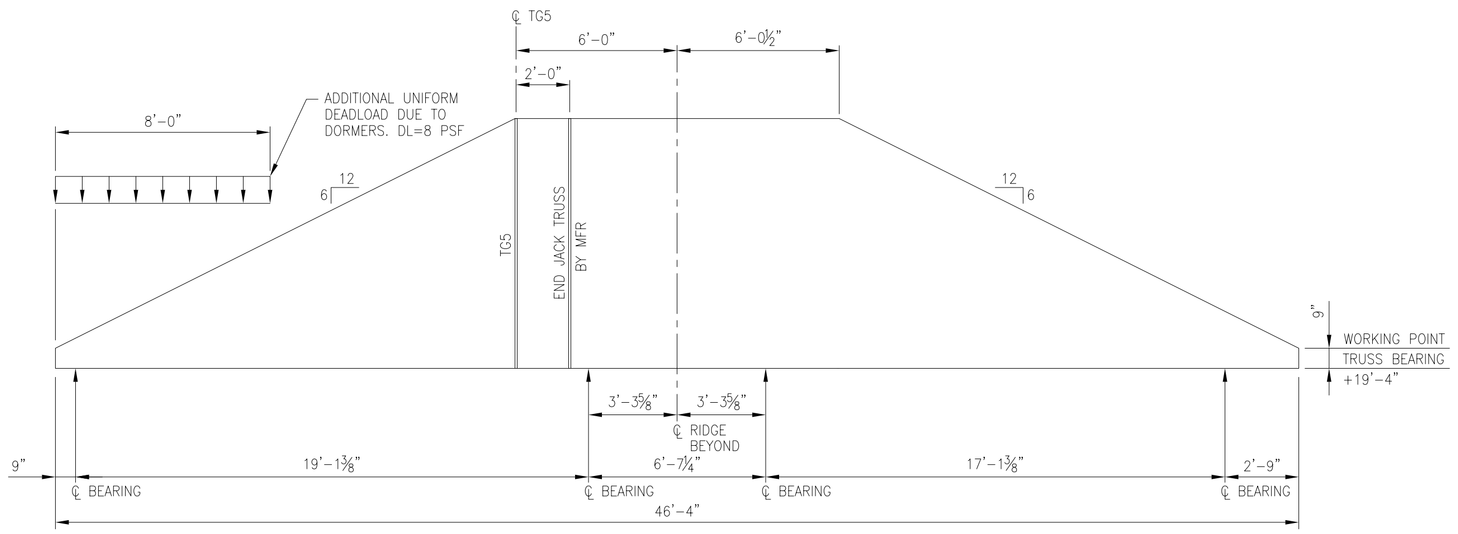
TRUSS GIRDER TG1



TRUSS GIRDER TG2



TRUSS GIRDER TG3



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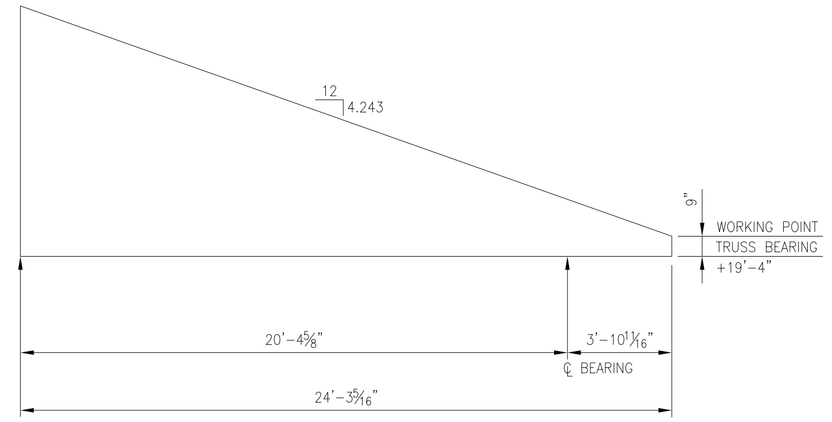
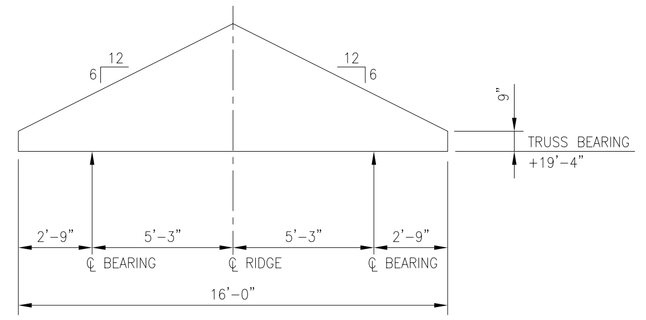
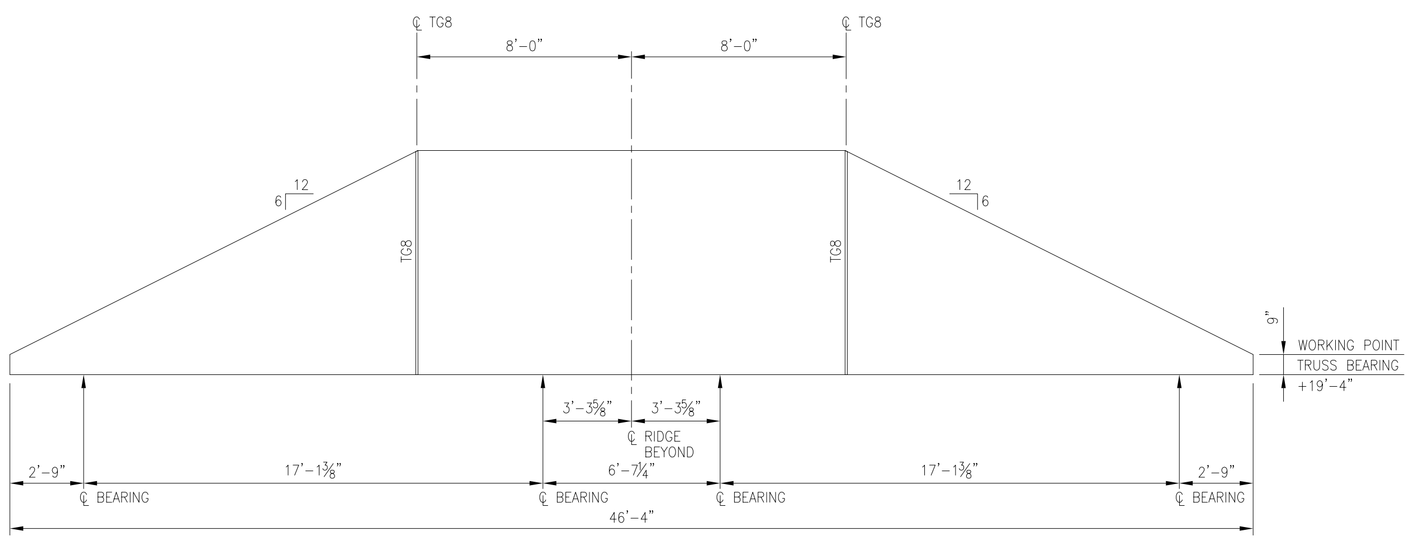


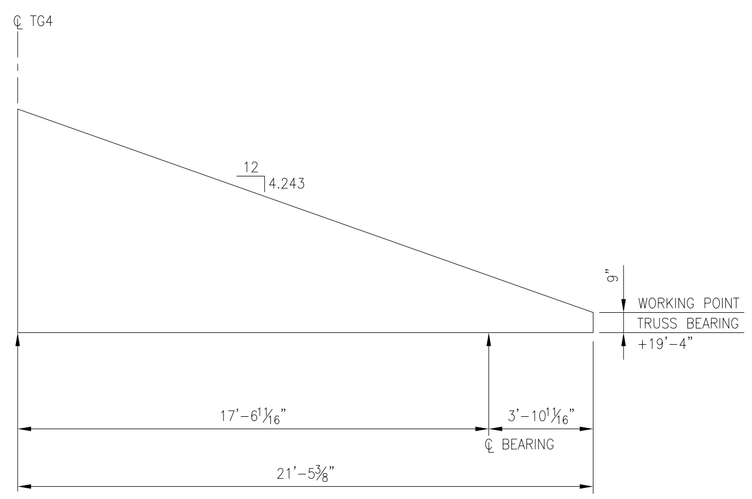
TRUSS GIRDER TG5



TRUSS GIRDER TG6



TRUSS GIRDER TG7



TRUSS GIRDER TG8

DRAWING: 48813S22 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-11-01

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1.	No Changes from Design to As-Built			

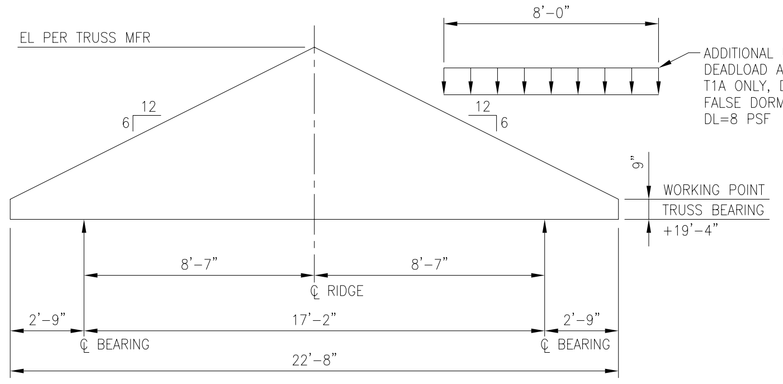
PROJECT TITLE

TEMPORARY LODGING FACILITY

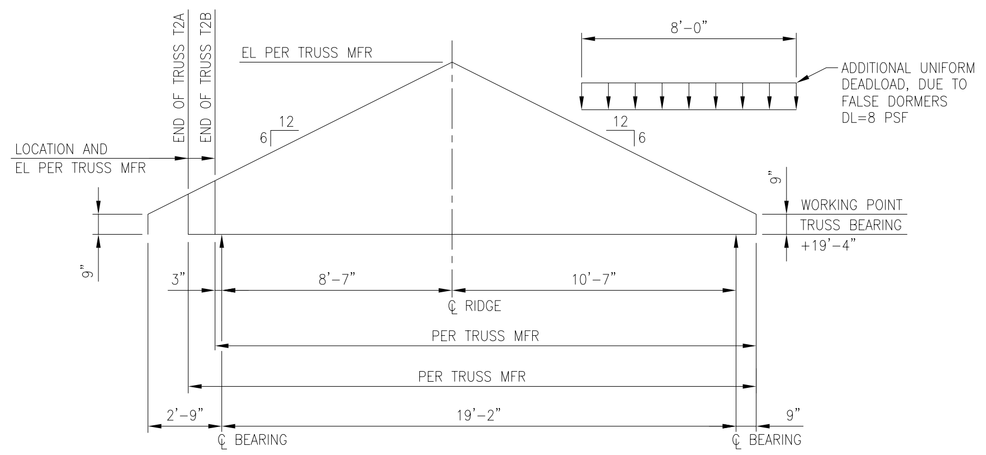
SHEET TITLE

TRUSS GIRDER PROFILES AS-BUILT

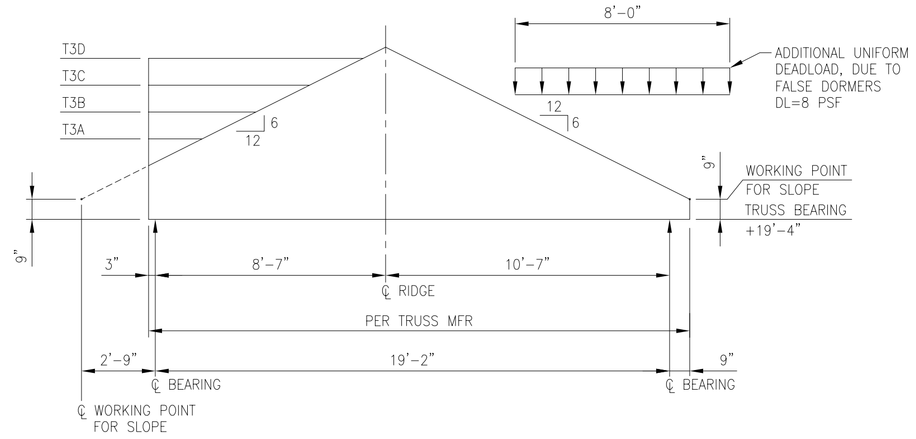
DRAWN BY: MO	LEAD DESIGNER
TECH REVIEWER	FILE LOCATION
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S22
SCALE: 1/4"=1'-0"	62 OF 108



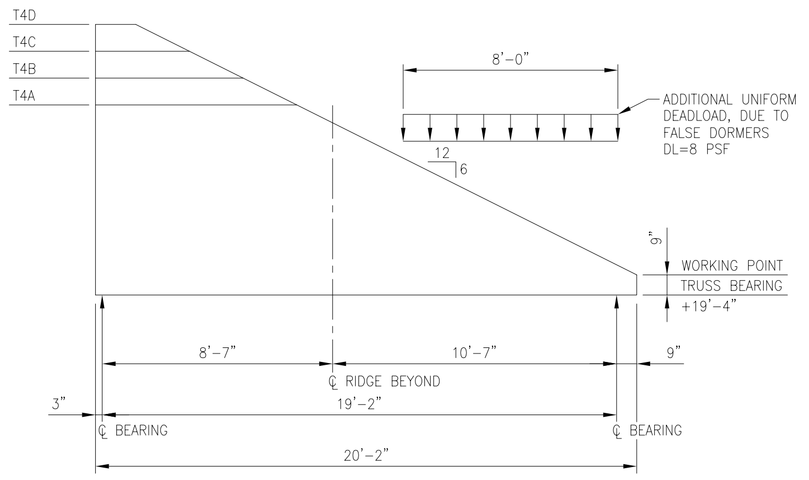
TRUSS T1 & T1A



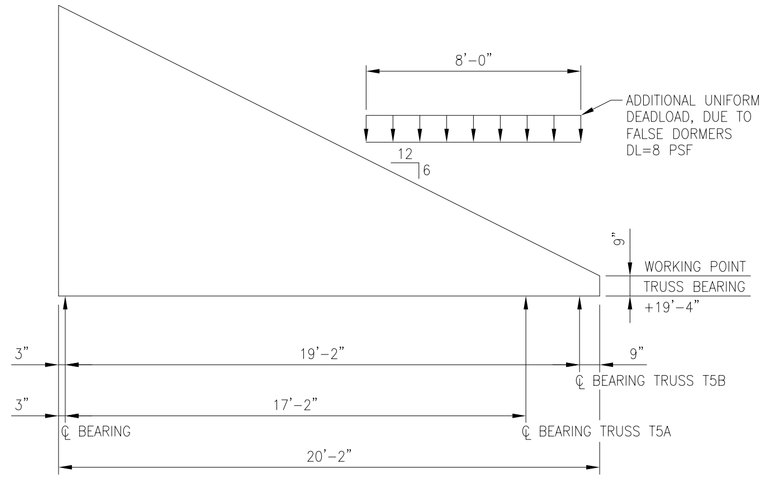
TRUSS T2, T2A & T2B



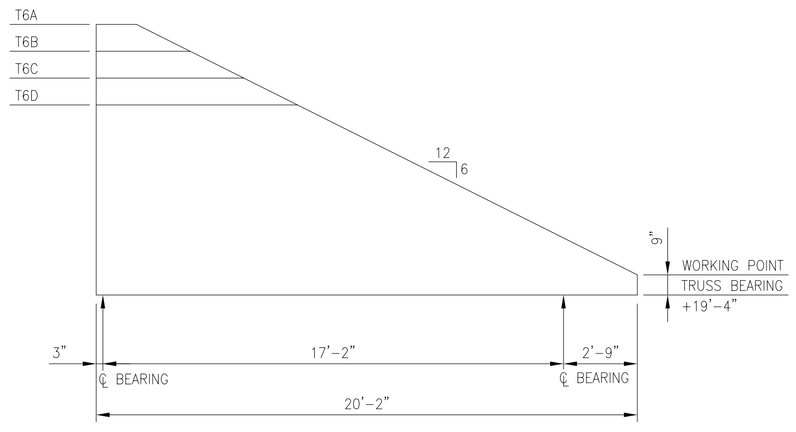
TRUSS T3A, T3B, T3C & T3D



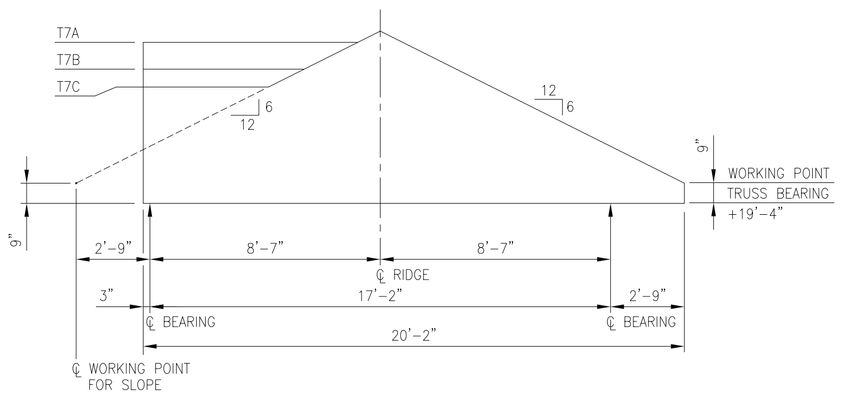
TRUSS T4A, T4B, T4C & T4D



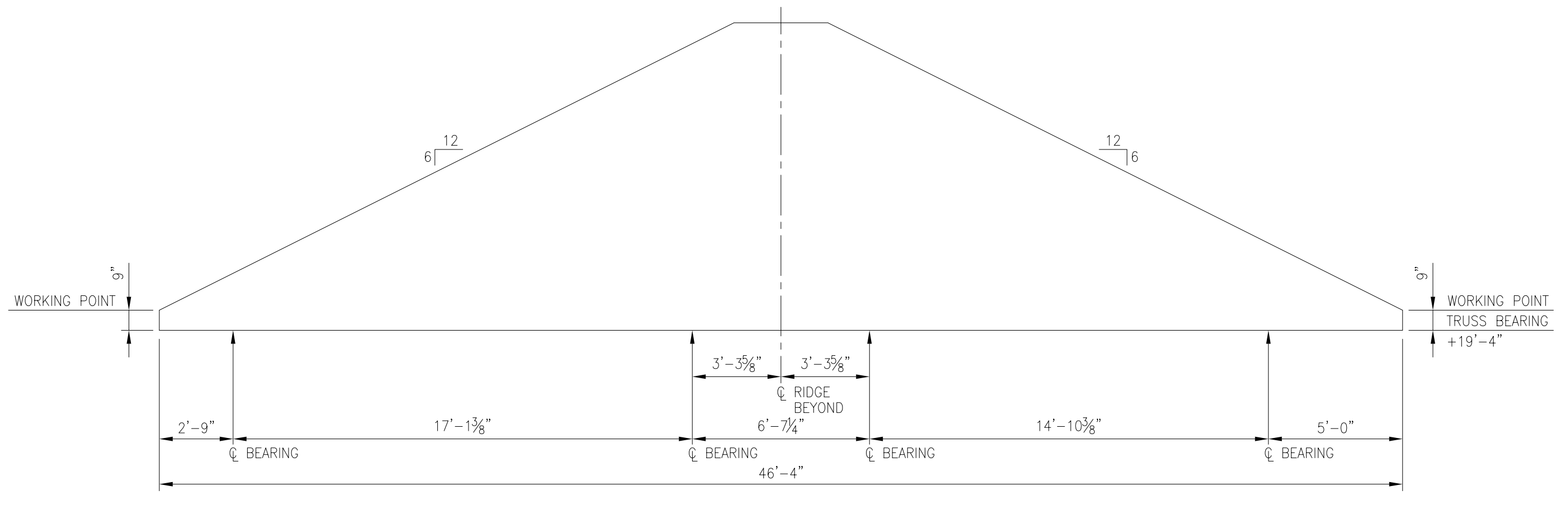
TRUSS T5A & T5B



TRUSS T6A, T6B, T6C & T6D



TRUSS T7A, T7B & T7C



TRUSS T8

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

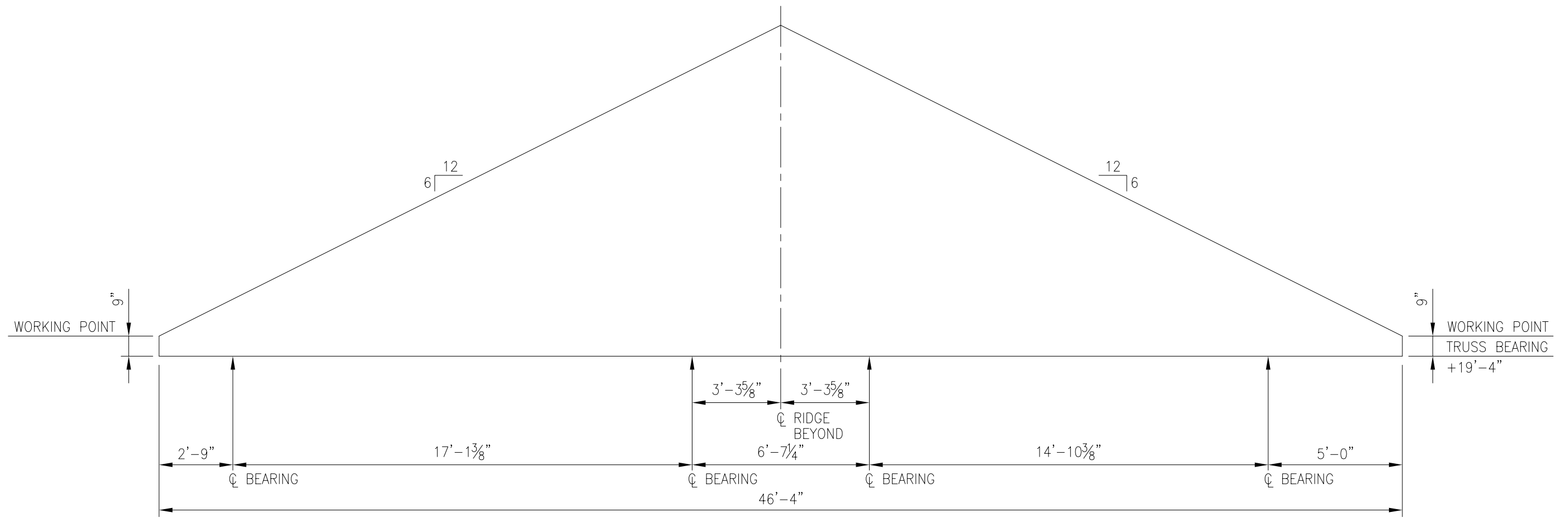
TEMPORARY LODGING FACILITY

SHEET TITLE

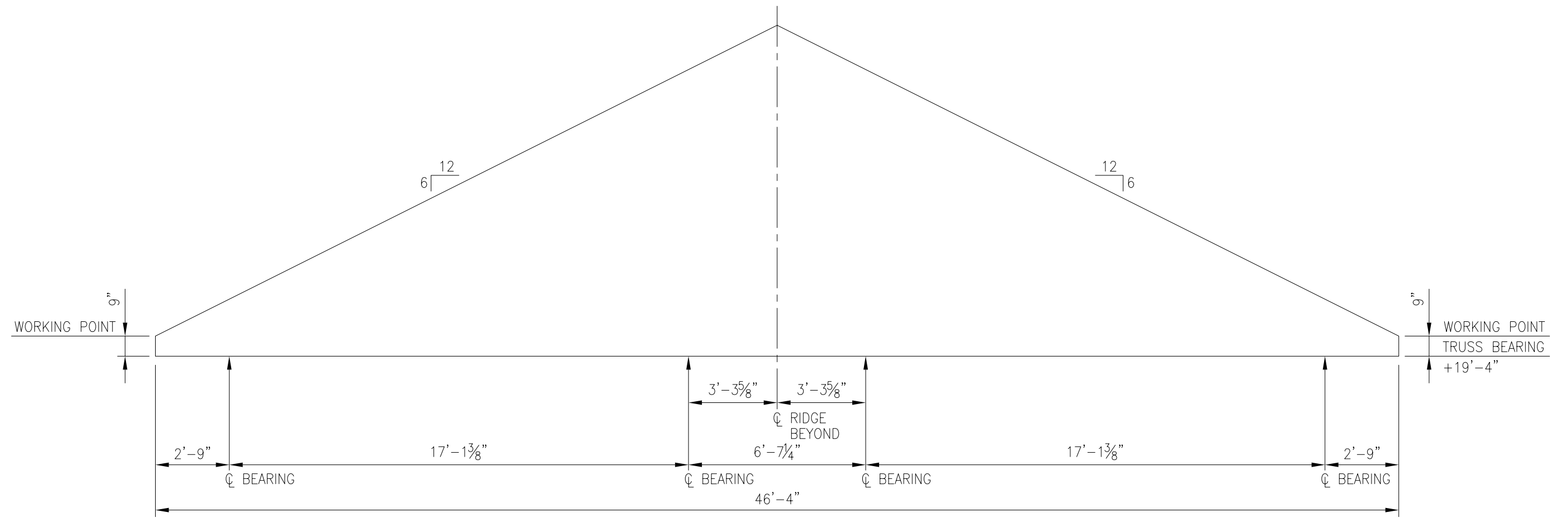
TRUSS GIRDER PROFILES AS-BUILT

DRAWN BY: MO	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S23
SCALE: 1/4"=1'-0"	63 OF 108

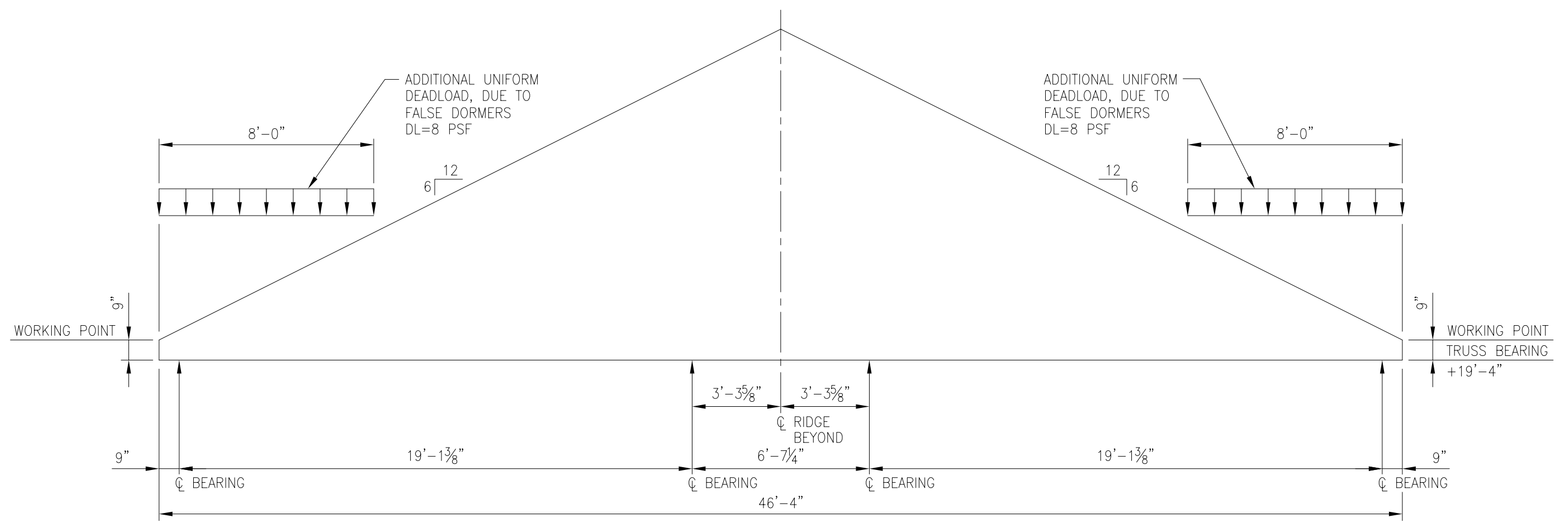
DRAWING: 48813523 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-12-01



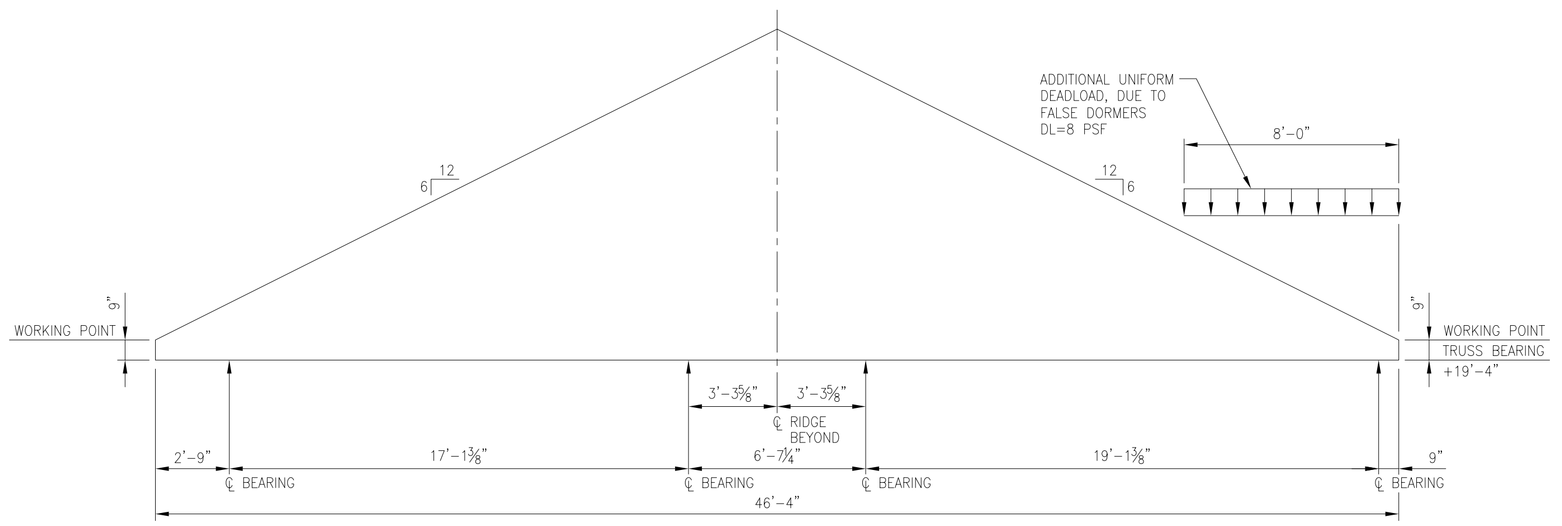
TRUSS T9



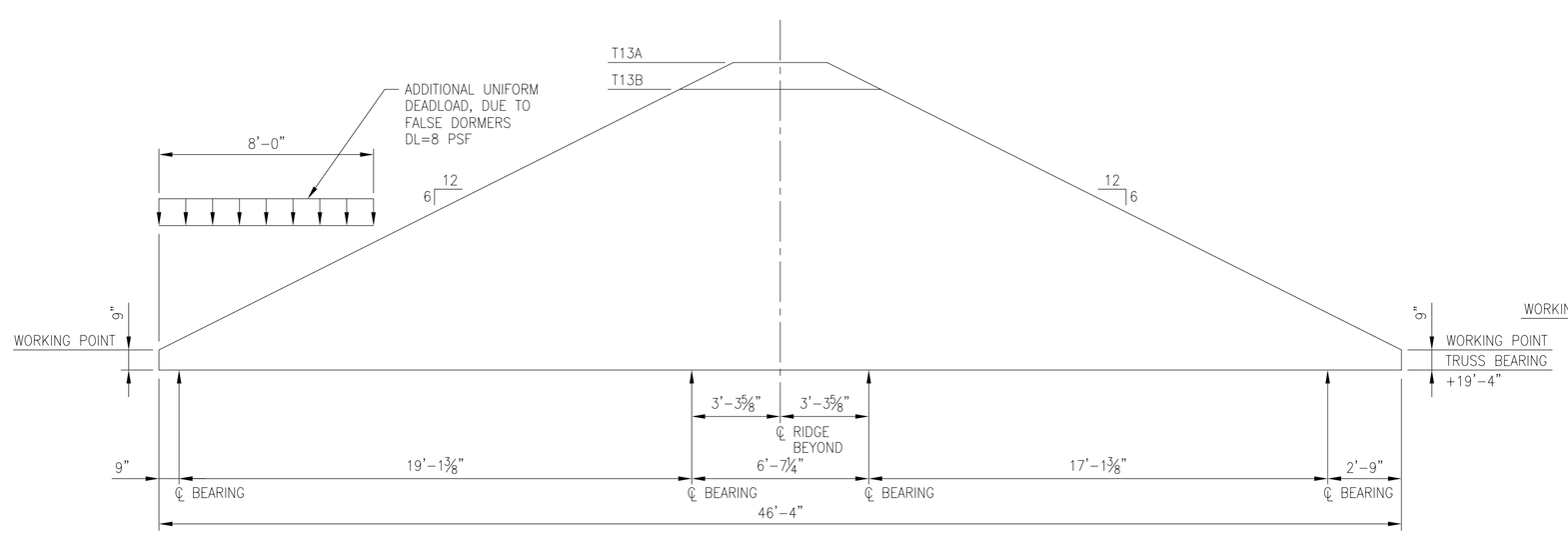
TRUSS T10



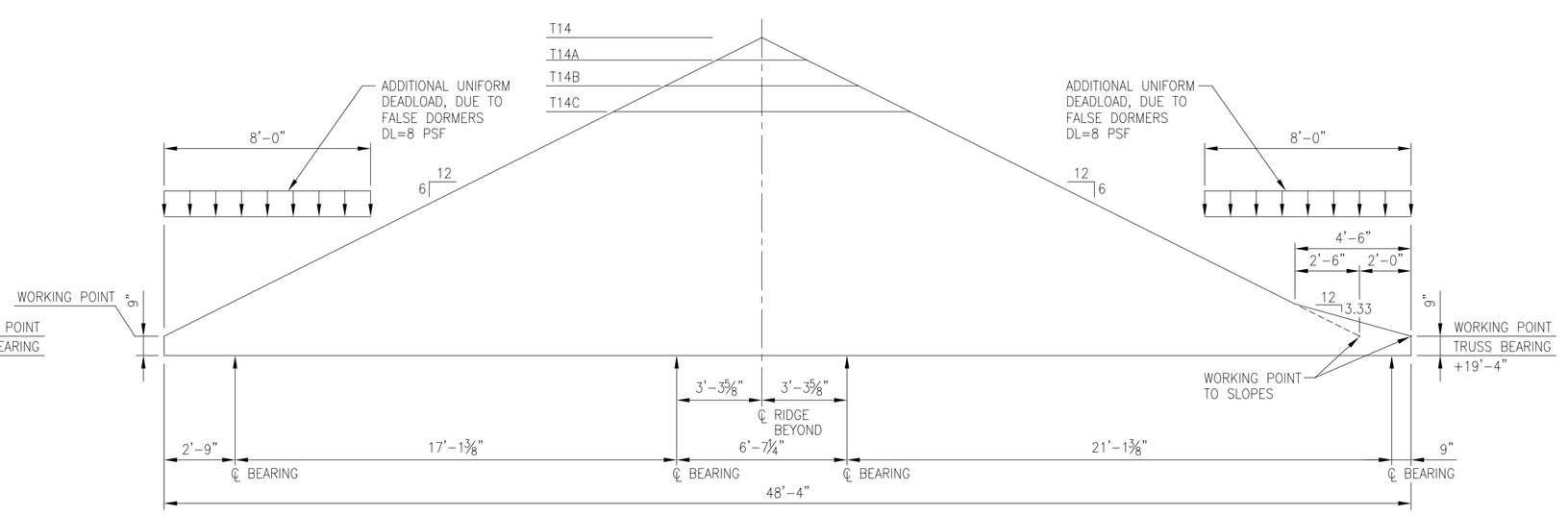
TRUSS T11



TRUSS T12



TRUSS T13A & T13B



TRUSS T14, T14A, T14B & T14C

DRAWING: 48813S24 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-12-01

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

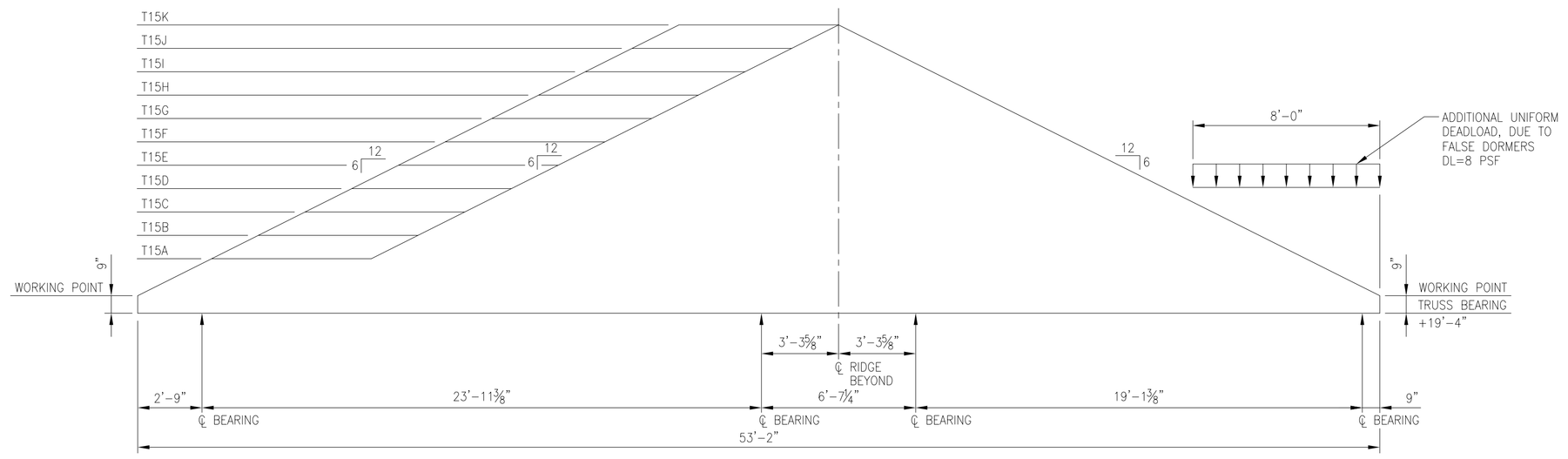
PROJECT TITLE

TEMPORARY LODGING FACILITY

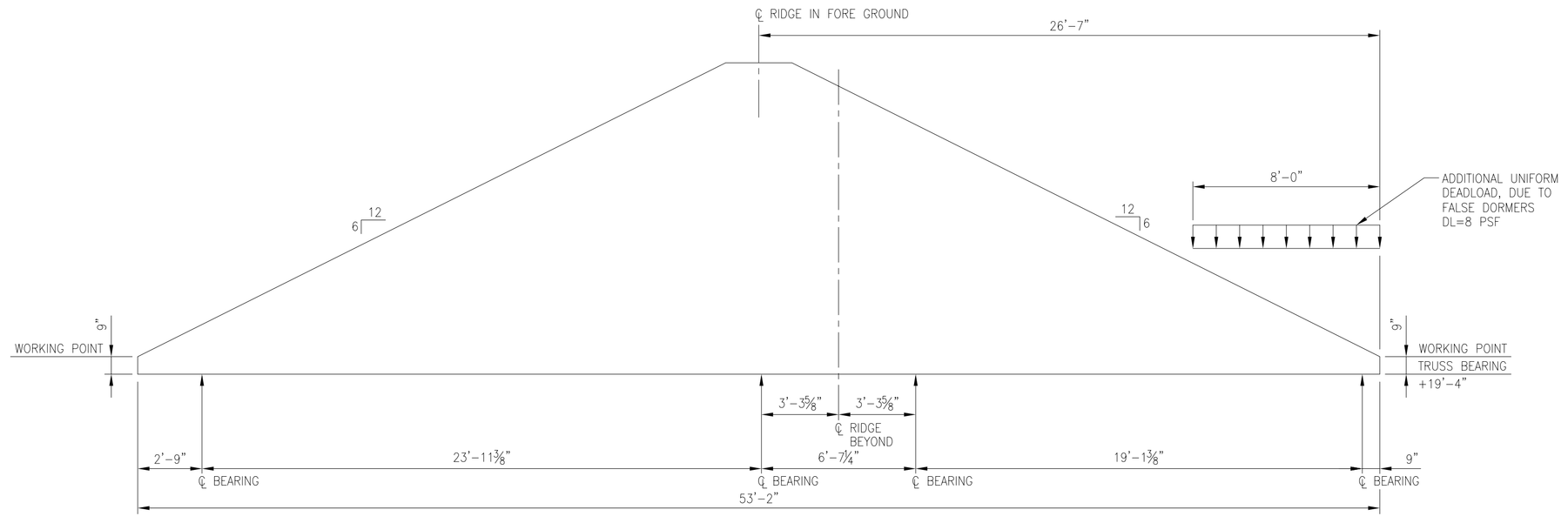
SHEET TITLE

TRUSS GIRDER PROFILES AS-BUILT

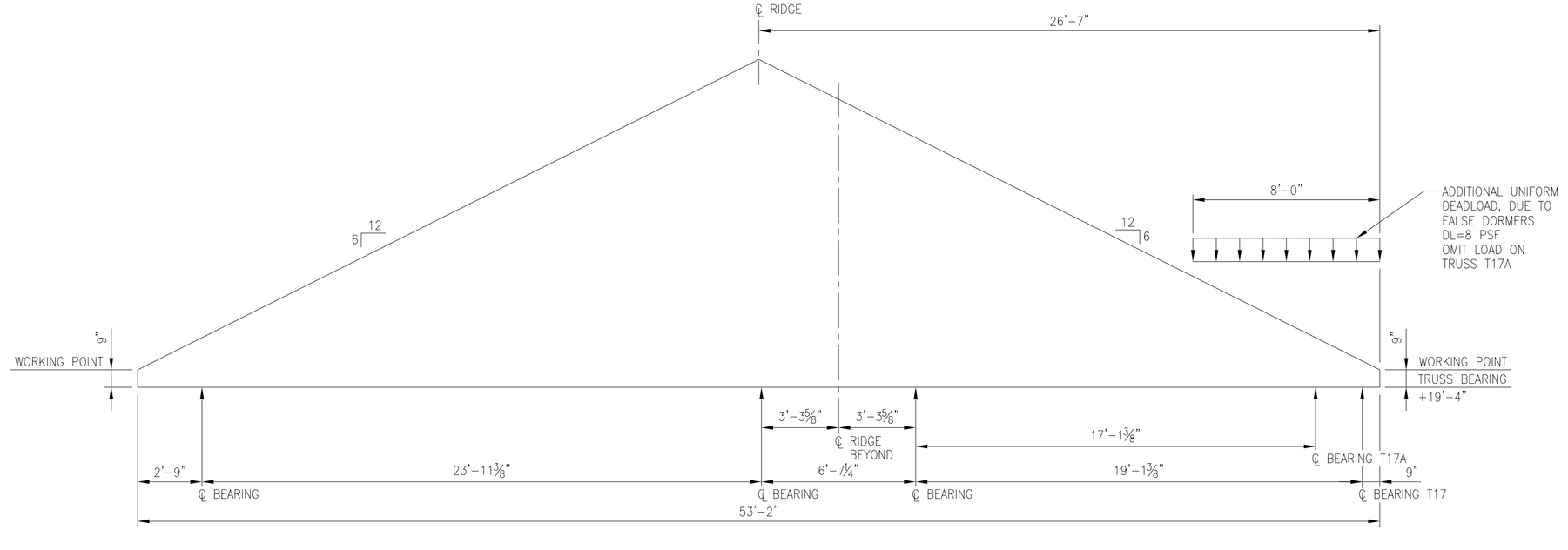
DRAWN BY: MO	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S24
SCALE: 1/4"=1'-0"	64 OF 108



TRUSS T15A THRU T15K



TRUSS T16



TRUSS T17 & T17A

DRAWING: 488135225 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-12-01

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

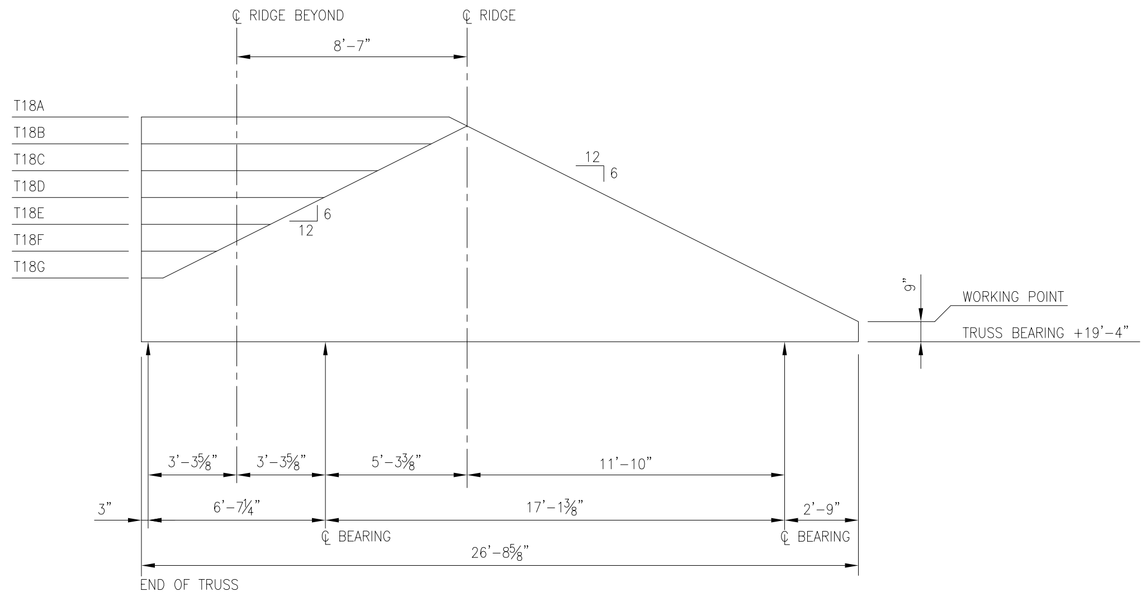
PROJECT TITLE

TEMPORARY LODGING FACILITY

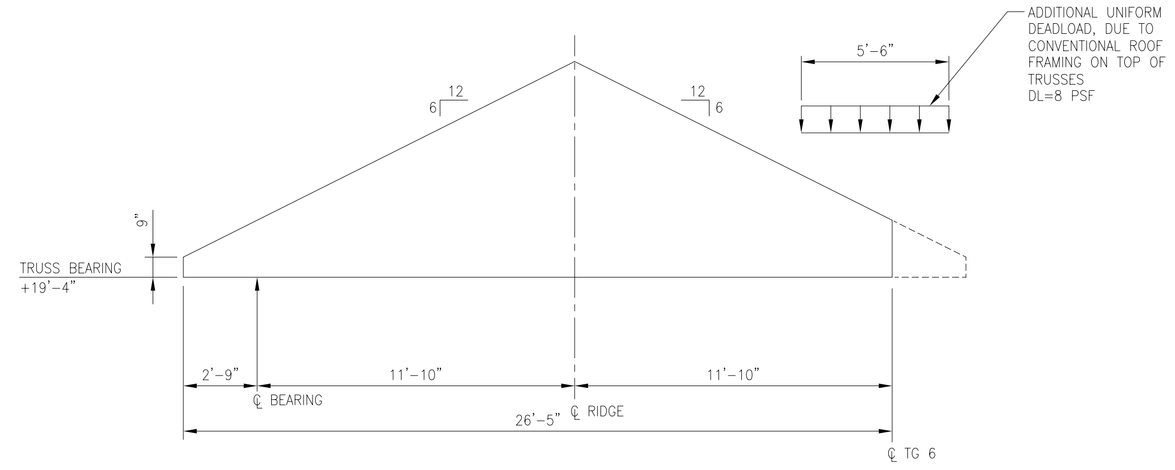
SHEET TITLE

TRUSS GIRDER PROFILES AS-BUILT

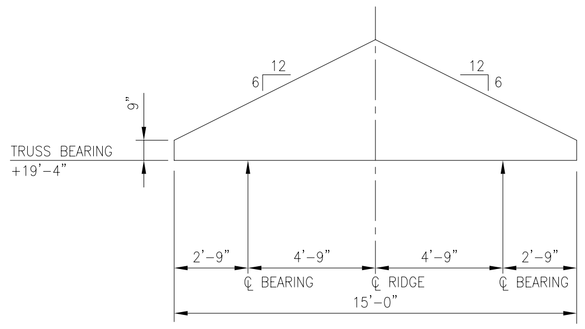
DRAWN BY: MO	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S25
SCALE: 1/4"=1'-0"	65 OF 108



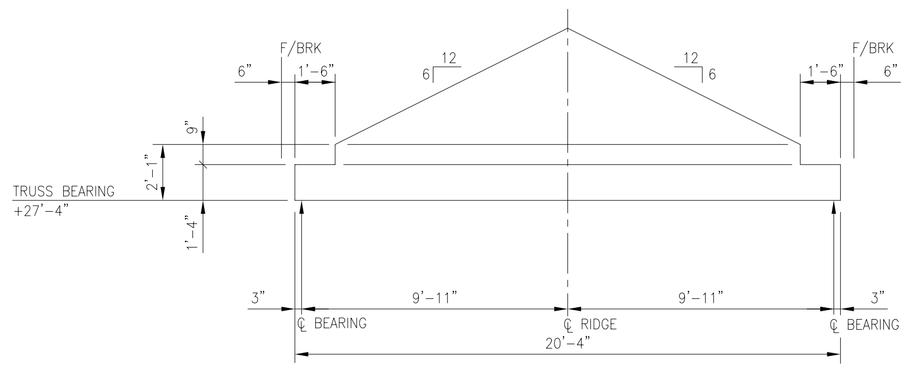
TRUSS T18A THRU T18G



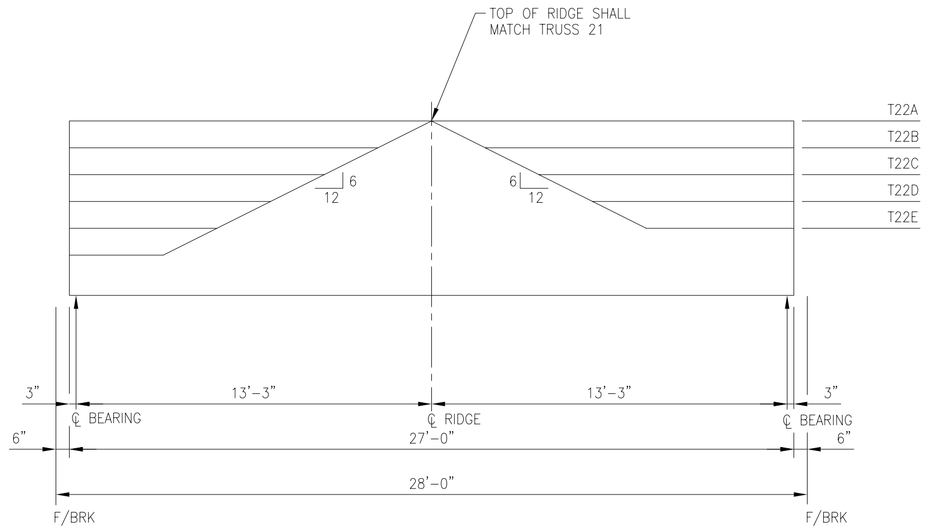
TRUSS T19



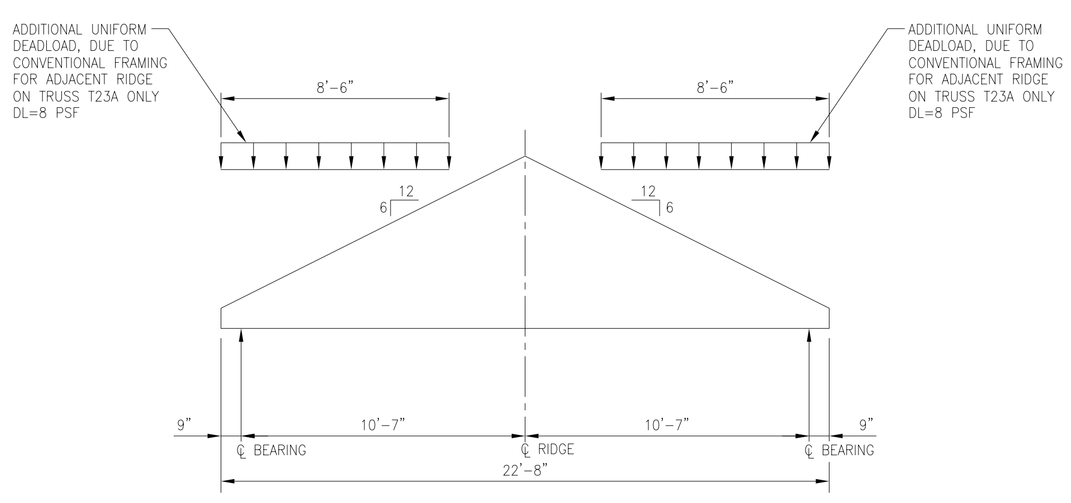
TRUSS T20



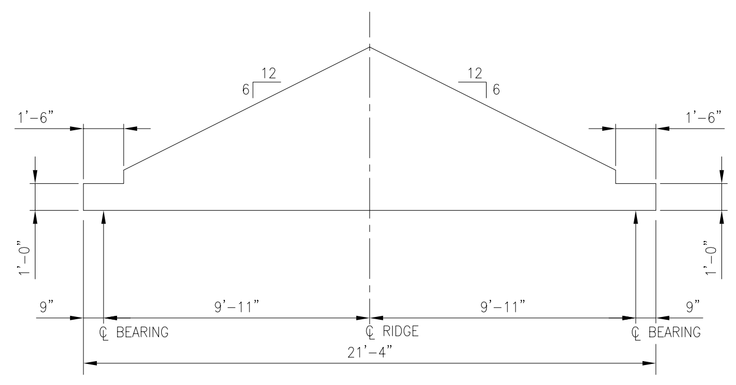
TRUSS T21



TRUSS T22A THRU 22



TRUSS T23A & T23B



TRUSS T24

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

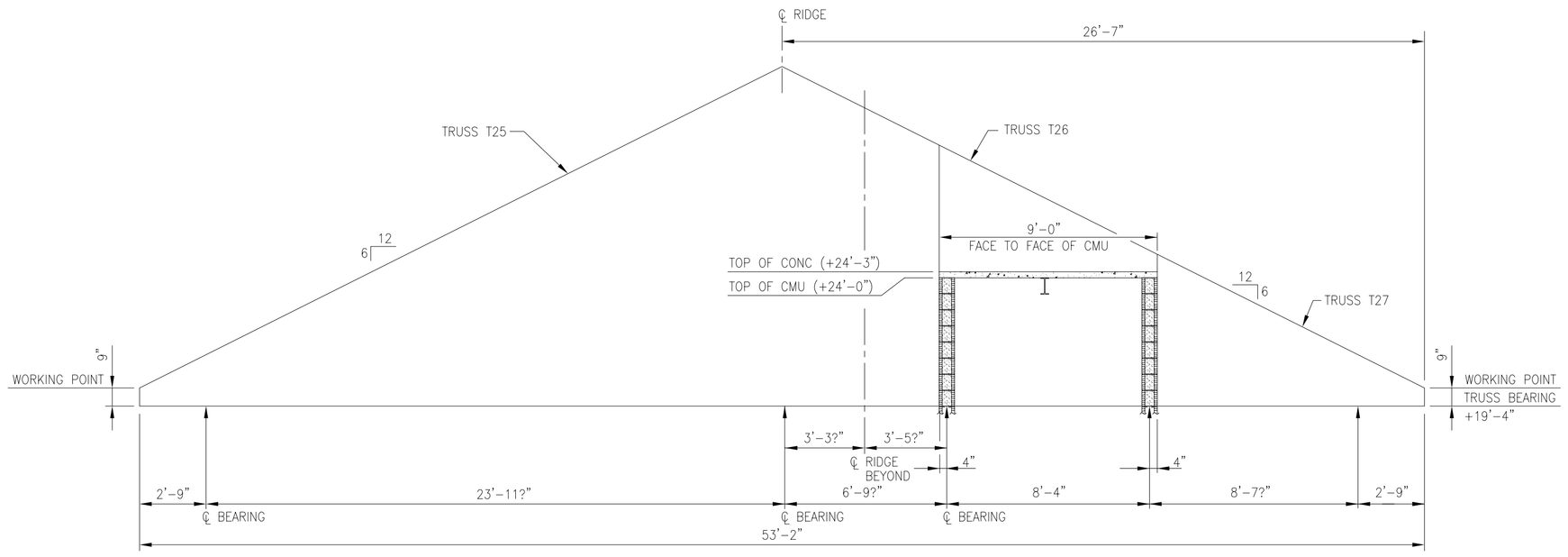
No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
TRUSS GIRDER PROFILES AS-BUILT

DRAWN BY: RMM	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S26
SCALE: 1/4"=1'-0"	66 OF 108

DRAWING: 48813526 EDITED BY: MD DESIGNED BY: TVR DATE EDITED: 12-12-01



NOTE:
DIMENSION OF ELEVATOR SHAFT MAY VARY DEPENDING ON ACTUAL MANUFACTURER OR MODEL SELECTED. VERIFY DIMENSIONS OF CMU PRIOR TO TRUSS FABRICATION.

TRUSS T25, T26, T27

?"=1'-0"

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

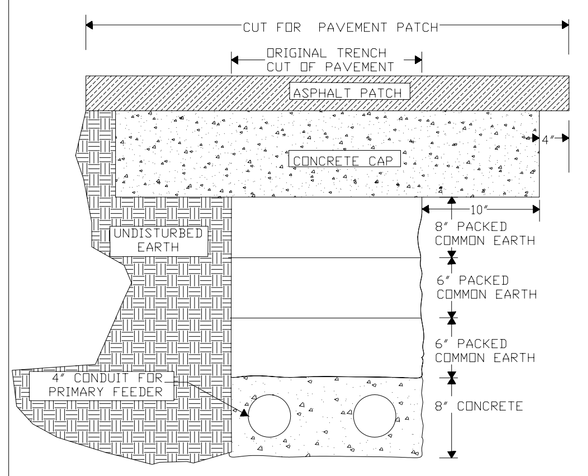
TEMPORARY LODGING FACILITY

SHEET TITLE

TRUSS GIRDER PROFILES AS-BUILT

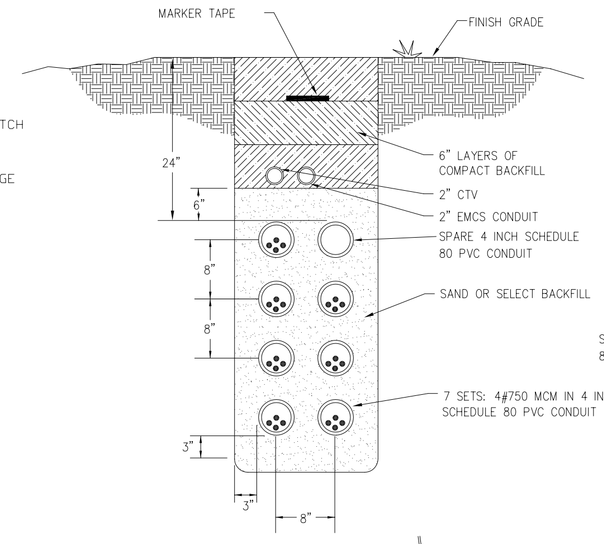
DRAWN BY: MO	LEAD DESIGNER:
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TVR	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: S27
SCALE: 1/4"=1'-0"	67 OF 108

DRAWING: 48813S25 EDITED BY: MO DESIGNED BY: TVR DATE EDITED: 12-12-01



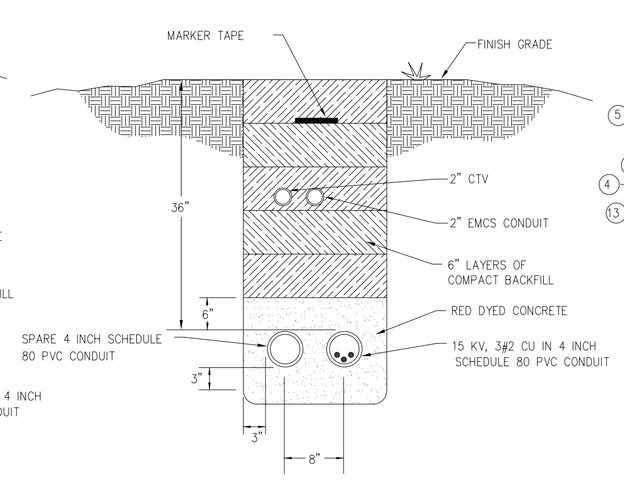
ASPHALT ROAD CROSSING PATCH

SCALE: NOT TO SCALE



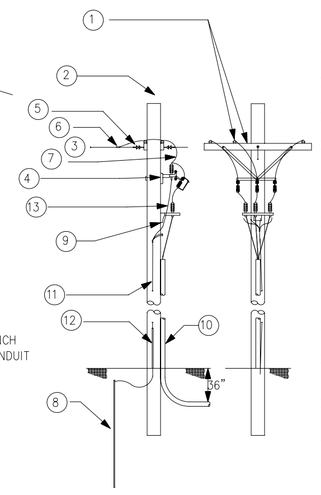
secondary ELECTRICAL b–b

CONTRACTOR TO UTILIZE "CHAIRS" TO ENSURE PROPER ELEVATION AND PLACEMENT OF CONDUIT.



PRIMARY ELECTRICAL A–A

CONTRACTOR TO UTILIZE "CHAIRS" TO ENSURE PROPER ELEVATION AND PLACEMENT OF CONDUIT.

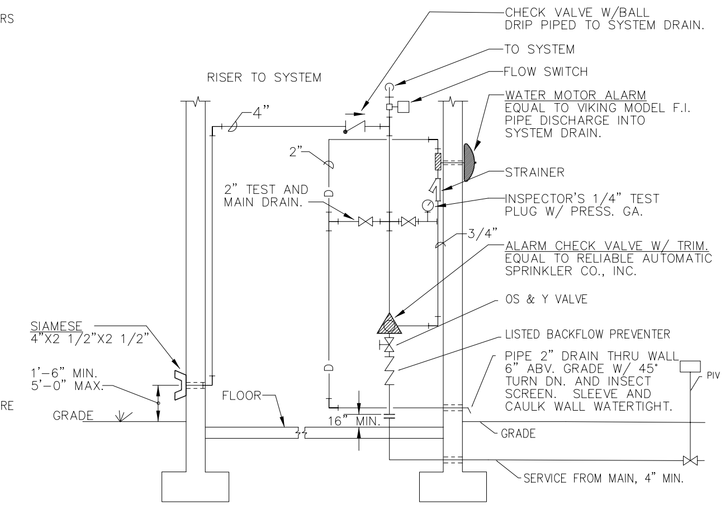


POLE LEGEND

1. EXISTING CROSS ARMS AND INSULATORS (TYPICAL)
2. EXISTING POLE
3. EXISTING FEEDER
4. COMBINATION FUSED CUTOUT AND LIGHTNING ARRESTOR (TYPICAL 3 EACH)
5. EXISTING SUSPENSION INSULATORS
6. COMPRESSION CONNECTOR (TYPICAL)
7. TAP CONDUCTORS
8. GROUND ROD
9. MOUNTING BRACKET
10. 3#2 IN 4" CONDUIT. PROVIDE ONE 4" SPARE CONDUIT FROM POLE TO SWITCH
11. GROUND WIRE
12. PROTECTIVE MOLDING FOR GROUND WIRE TO 10' ABOVE GRADE
13. TERMINATOR (TYPICAL 3 EACH)

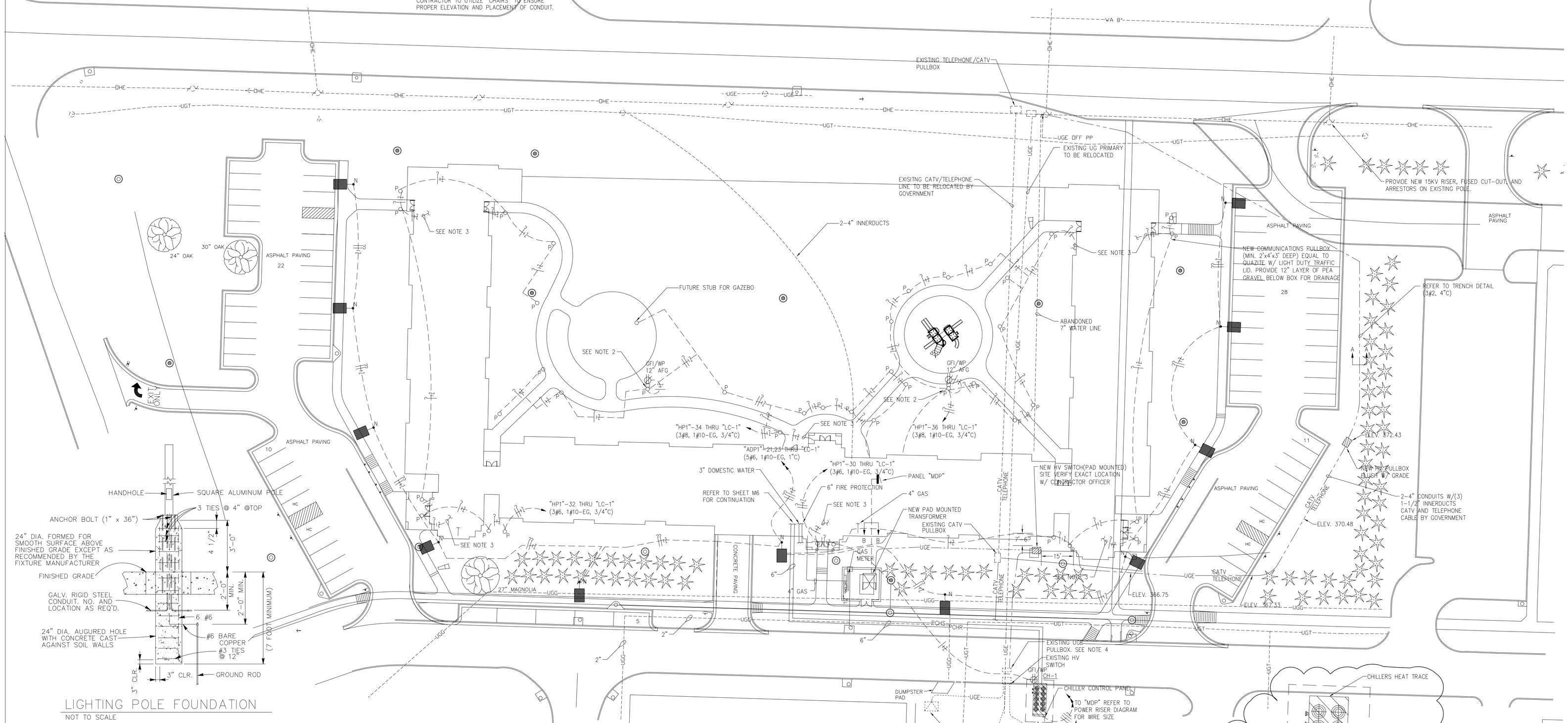
POWER POLE DETAIL

NOT TO SCALE



FIRE SERVICE ENTRANCE DETAIL

NOT TO SCALE



1 SITE UTILITY PLAN

SCALE :1"=30'-0"
RE :

NORTH

NOTES:

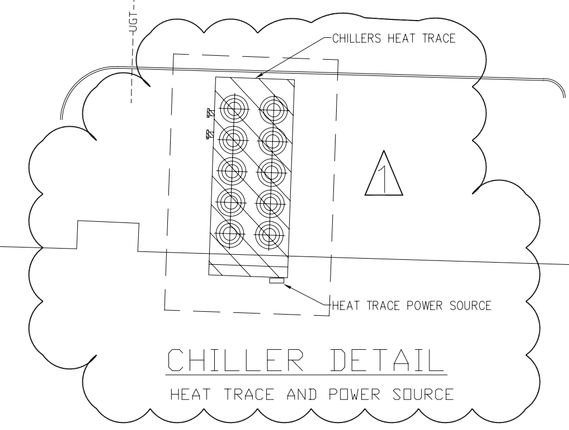
1. ALL ELBOWS AND CONDUIT ABOVE GRADE SHALL BE RIGID GALVANIZED STEEL.
2. PROVIDE TYPE "P" FIXTURE WITH OPTION "DR" FOR BOLLARDS NOTED. INSTALL GFI RECEPTACLE WITH WEATHER-PROOF COVER IN FIXTURE.
3. UP TO CANOPY LIGHTS.
1. SPLICE EXISTING HV CONDUCTORS IN EXISTING POLLBOX TO NEW CONDUCTORS. FIELD VERIFY EXACT REQUIREMENTS.

LIGHTING POLE FOUNDATION

NOT TO SCALE

NOTES:

1. Attach ground to lighting standard (Typical).
2. Pole foundation (embedment depth, reinforcing steel details, anchor bolt requirements, etc.) shall be as shown unless manufacturer's recommendations are more restrictive.
3. The foundation of the three poles between the fence and the parking lot curb (pole line "A") shall be placed tight up against the curb. Hand holes shall be located on the south side of the pole.
4. Pole Mounted Fixtures shall be GE Decashield 400 luminaire model DSTM1SS4G1GFWTDB 'Forward Throw' or approved equal.



CHILLER DETAIL

HEAT TRACE AND POWER SOURCE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Changes made to locations of cables, supply lines etc. Various elevation notations added, and a detail for the chillers heat trace			

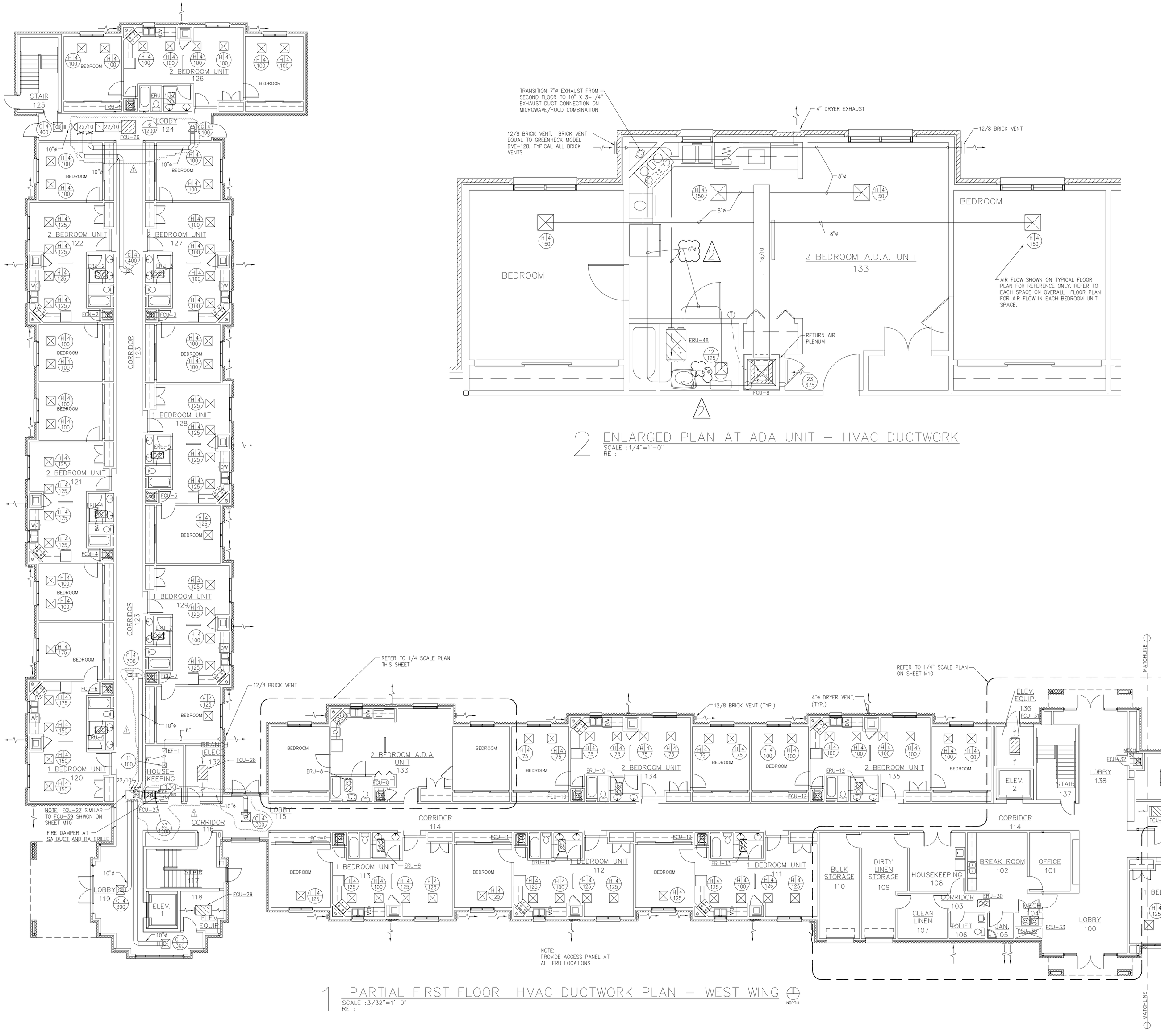
PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

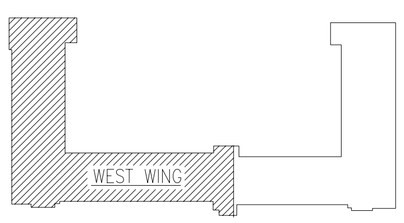
UTILITY SITE PLAN AS-BUILT

DRAWN BY: TNS, KRD	LEAD DESIGNER: BTM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BRM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: PME1
SCALE: 1"=30'-0"	68 OF 108



1 PARTIAL FIRST FLOOR HVAC DUCTWORK PLAN – WEST WING
SCALE :3/32"=1'-0"
RE :

NORTH



KEY PLAN

2 ENLARGED PLAN AT ADA UNIT – HVAC DUCTWORK
SCALE :1/4"=1'-0"
RE :

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
2	Reduced duct diameter from 8" to 6"			
1	Changes in duct locations and layout of FCU			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR HVAC DUCTWORK PLAN

AS-BUILT

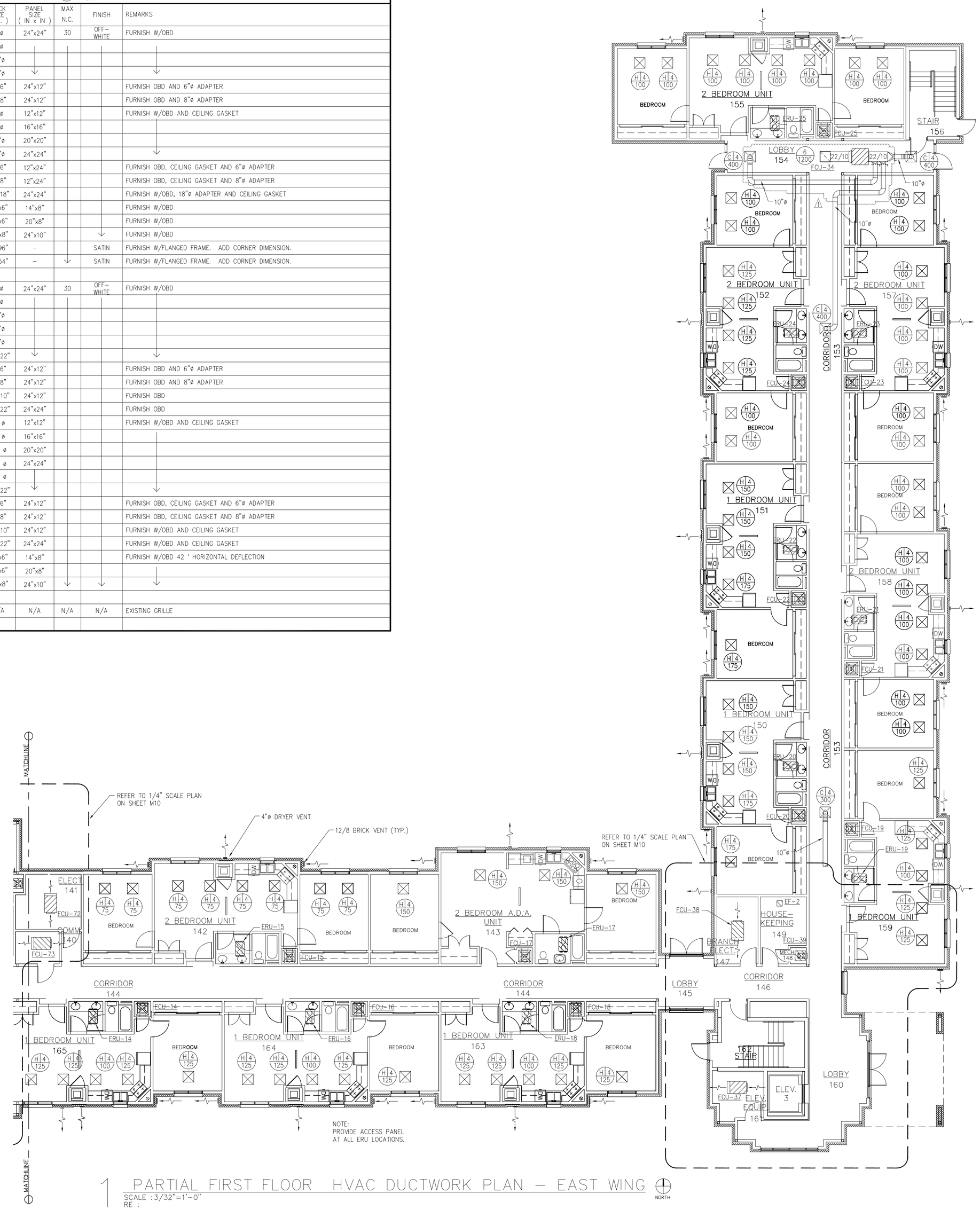
DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M2
SCALE: AS NOTED	69 OF 108

AIR DISTRIBUTION DEVICES

DESIGNATION SUPPLY — THROW CFM

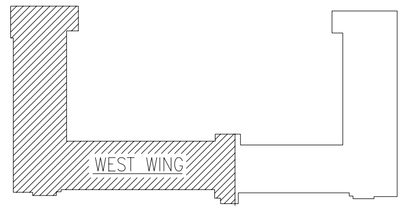
RETURN OR EXHAUST — DESIGNATION CFM

DESIGNATION	REFERENCE PRODUCT	TYPE	MAXIMUM AIR FLOW (CFM)	TOTAL PRESSURE (IN. WATER)	NECK SIZE (IN.)	PANEL SIZE (IN x IN)	MAX N.C.	FINISH	REMARKS
A	TUTTLE PBRLV & BAILEY	SUPPLY LAY-IN MOUNT	100	0.02	6"ø	24"x24"	30	OFF-WHITE	FURNISH W/OBD
B			220	0.06	8"ø				
C			400	0.08	10"ø				
D			550	0.08	12"ø				
E	PCBL		100	0.02	6"x6"	24"x12"			FURNISH OBD AND 6"ø ADAPTER
F	PCBL		220	0.08	8"x8"	24"x12"			FURNISH OBD AND 8"ø ADAPTER
G	PBRSV	SUPPLY SURFACE MOUNT	100	0.03	6"ø	12"x12"			FURNISH W/OBD AND CEILING GASKET
H			220	0.06	8"ø	16"x16"			
I			400	0.08	10"ø	20"x20"			
J			550	0.08	12"ø	24"x24"			
K	PCBS		125	0.08	6"x6"	12"x24"			FURNISH OBD, CEILING GASKET AND 6"ø ADAPTER
L	PCBS		220	0.08	8"x8"	12"x24"			FURNISH OBD, CEILING GASKET AND 8"ø ADAPTER
M	RC40	SUPPLY LAY-IN	1125	0.10	18"x18"	24"x24"			FURNISH W/OBD, 18"ø ADAPTER AND CEILING GASKET
N	VF-57	SUPPLY SIDEWALL	275	0.12	12"x6"	14"x8"			FURNISH W/OBD
O	VF-57		700	0.12	18"x6"	20"x8"			FURNISH W/OBD
P	VF-57		1050	0.12	22"x8"	24"x10"			FURNISH W/OBD
Q	TBAV	SUPPLY LINEAR BAR	800	0.05	4"x96"	–		SATIN	FURNISH W/FLANGED FRAME. ADD CORNER DIMENSION.
R	TBAV		450	0.05	4"x54"	–		SATIN	FURNISH W/FLANGED FRAME. ADD CORNER DIMENSION.
1	TUTTLE PRRLV & BAILEY	RET/EXH LAY-IN MOUNT	100	0.02	6"ø	24"x24"	30	OFF-WHITE	FURNISH W/OBD
2			200	0.03	8"ø				
3			350	0.05	10"ø				
4			700	0.05	12"ø				
5			1000	0.08	14"ø				
6			1400	0.08	22"x22"				
7	PCLR		100	0.02	6"x6"	24"x12"			FURNISH OBD AND 6"ø ADAPTER
8	PCLR		200	0.03	8"x8"	24"x12"			FURNISH OBD AND 8"ø ADAPTER
9	PCLR		750	0.03	22"x10"	24"x12"			FURNISH OBD
10	CRE500		3250	0.03	22"x22"	24"x24"			FURNISH OBD
11	PRRSV	RET/EXH SURFACE MOUNT	100	0.02	6" ø	12"x12"			FURNISH W/OBD AND CEILING GASKET
12			200	0.01	8" ø	16"x16"			
13			350	0.06	10" ø	20"x20"			
14			700	0.06	12" ø	24"x24"			
15			1000	0.08	14" ø				
16			1400	0.08	22"x22"				
17	PCRS		100	0.02	6"x6"	24"x12"			FURNISH OBD, CEILING GASKET AND 6"ø ADAPTER
18	PCRS		200	0.03	8"x8"	24"x12"			FURNISH OBD, CEILING GASKET AND 8"ø ADAPTER
19	PCRS		750	0.03	22"x10"	24"x12"			FURNISH W/OBD AND CEILING GASKET
20	CRE500		3250	0.03	22"x22"	24"x24"			FURNISH W/OBD AND CEILING GASKET
21	VF-57	RET/EXH SIDEWALL	325	0.10	12"x6"	14"x8"			FURNISH W/OBD 42 " HORIZONTAL DEFLECTION
22	VF-57		425	0.10	18"x6"	20"x8"			
23	VF-57		800	0.10	22"x8"	24"x10"			
X	N/A	SUPPLY RET/EXH	N/A	N/A	N/A	N/A	N/A	N/A	EXISTING GRILLE



1 PARTIAL FIRST FLOOR HVAC DUCTWORK PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :



KEY PLAN

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Changes in duct locations and layout of FCU			

PROJECT TITLE

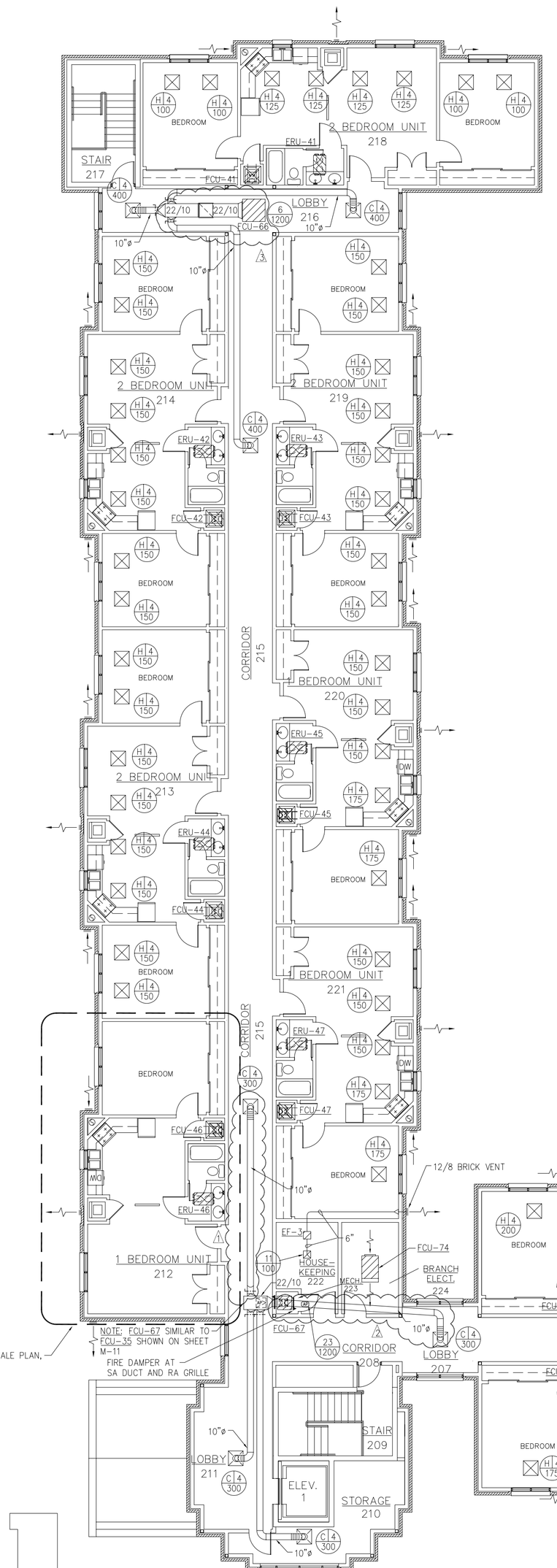
TEMPORARY LODGING FACILITY

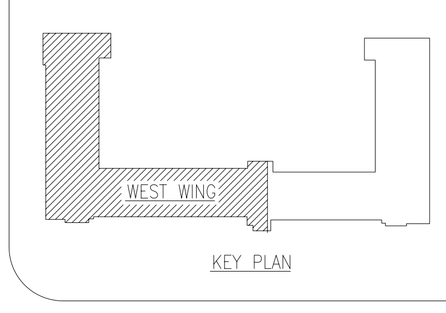
SHEET TITLE

PARTIAL FIRST FLOOR HVAC DUCTWORK PLAN

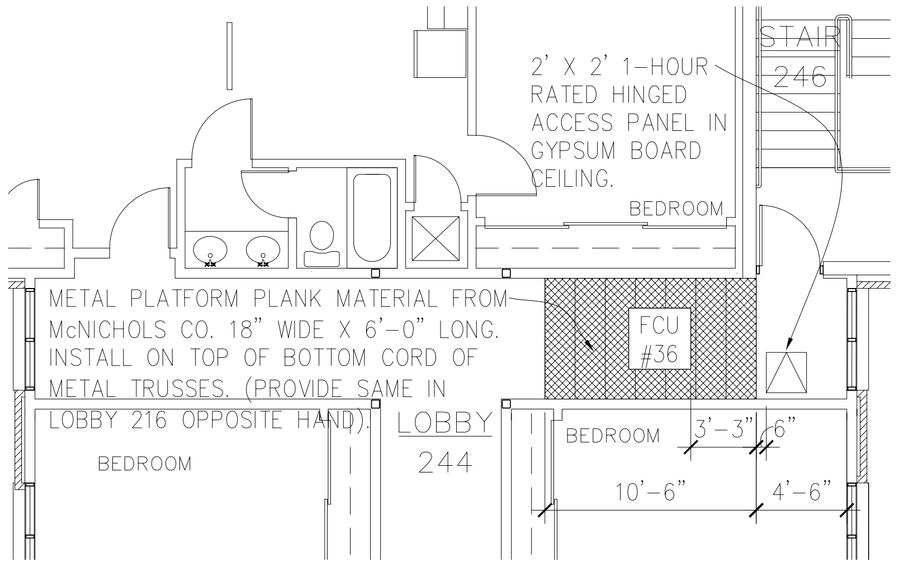
AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M3
SCALE: 3/32"=1'-0"	70 OF 108

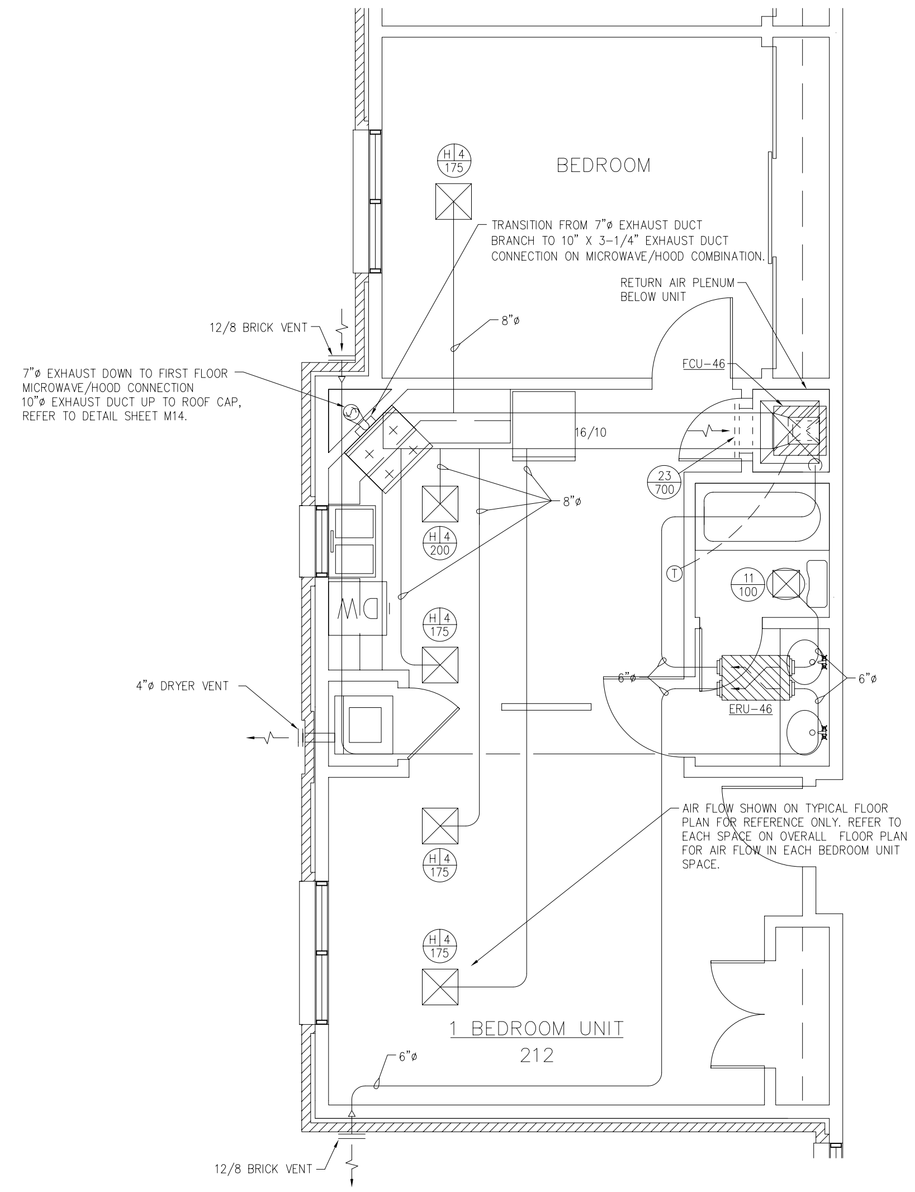




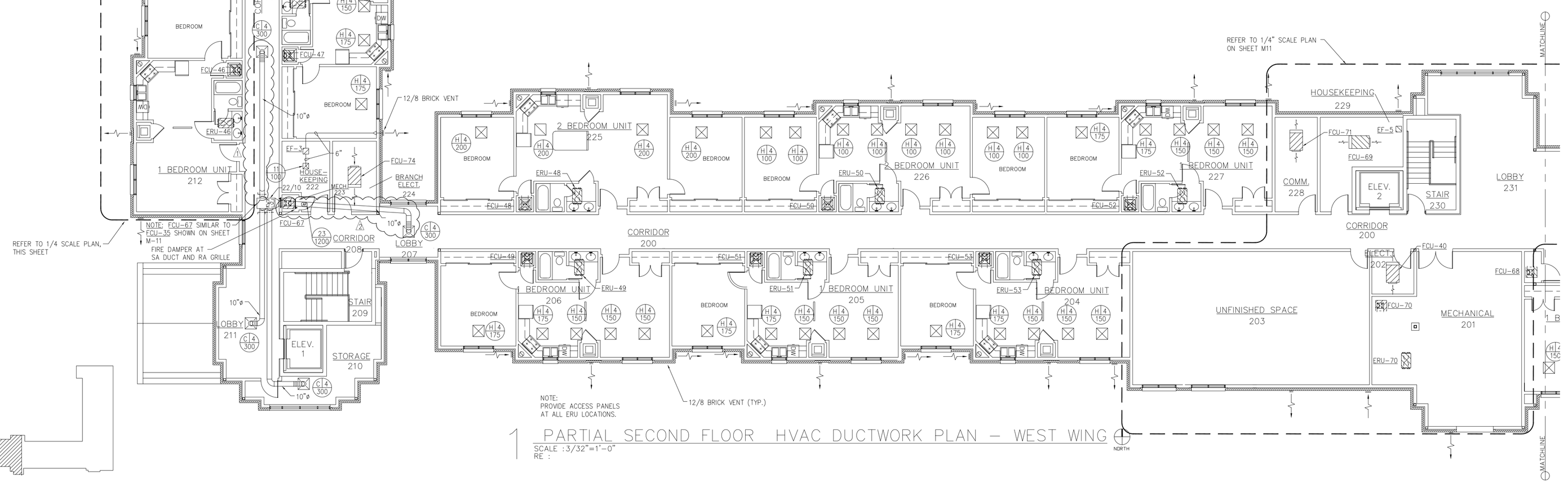
KEY PLAN



3 AS-BUILT PLATFORM DETAIL
SCALE :3/16"=1'-0"
RE :



2 ENLARGED PLAN AT 1 BEDROOM UNIT – HVAC DUCTWORK
SCALE :1/4"=1'-0"
RE :



1 PARTIAL SECOND FLOOR HVAC DUCTWORK PLAN – WEST WING
SCALE :3/32"=1'-0"
RE :

LITTLE ROCK A.F.B.
ARKANSAS

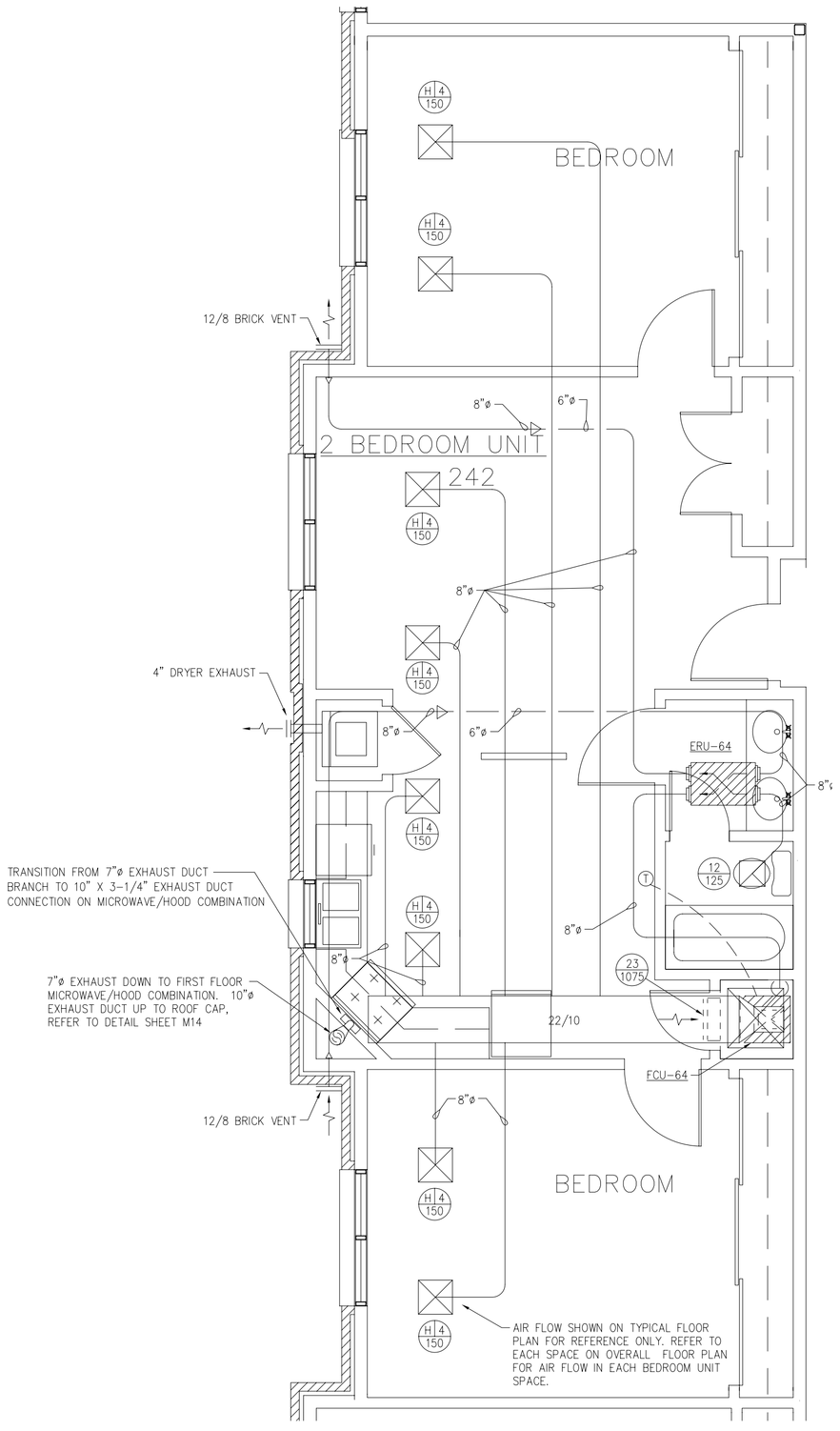
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
3	Equipment layout change of FCU 66 – Platform detail added			
2	Ductwork location changed to accomodate lack of space			
1	Ductwork moves up into attic and drops down over vent			

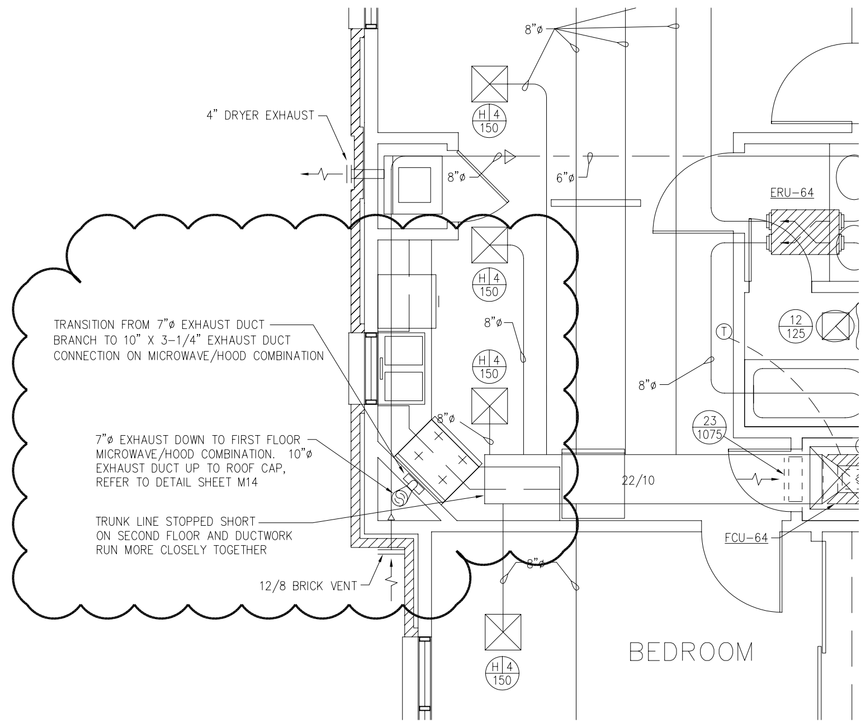
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL SECOND FLOOR HVAC DUCTWORK PLAN
AS-BUILT

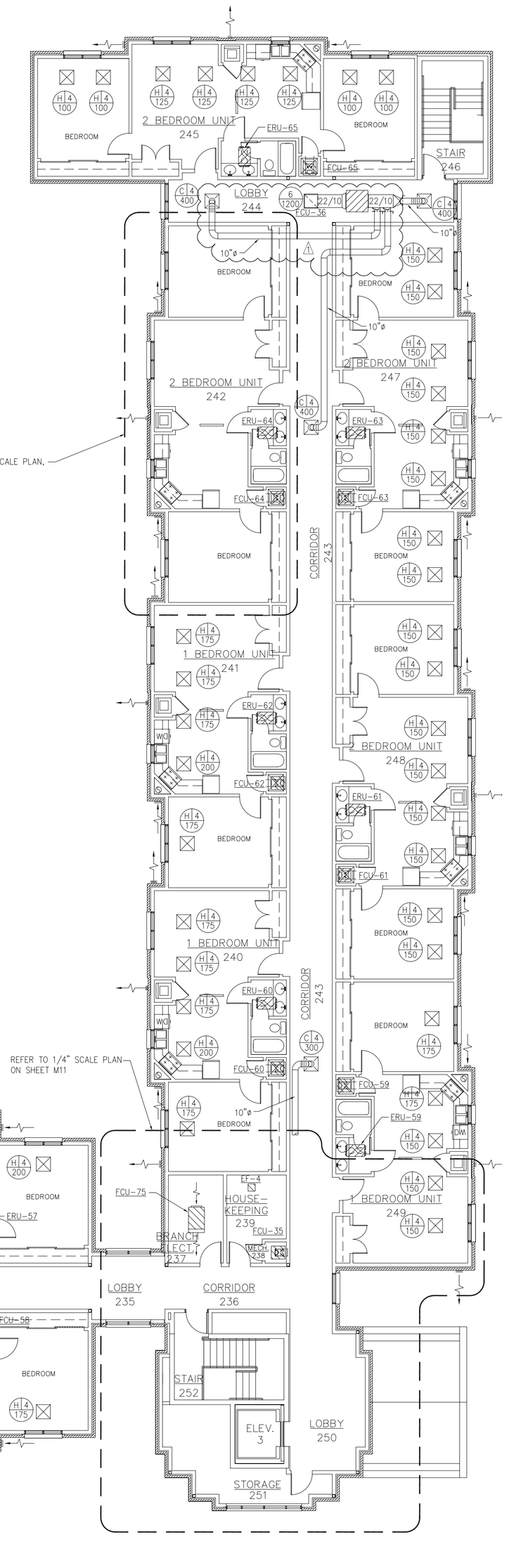
DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M4
SCALE: AS NOTED	71 OF 108

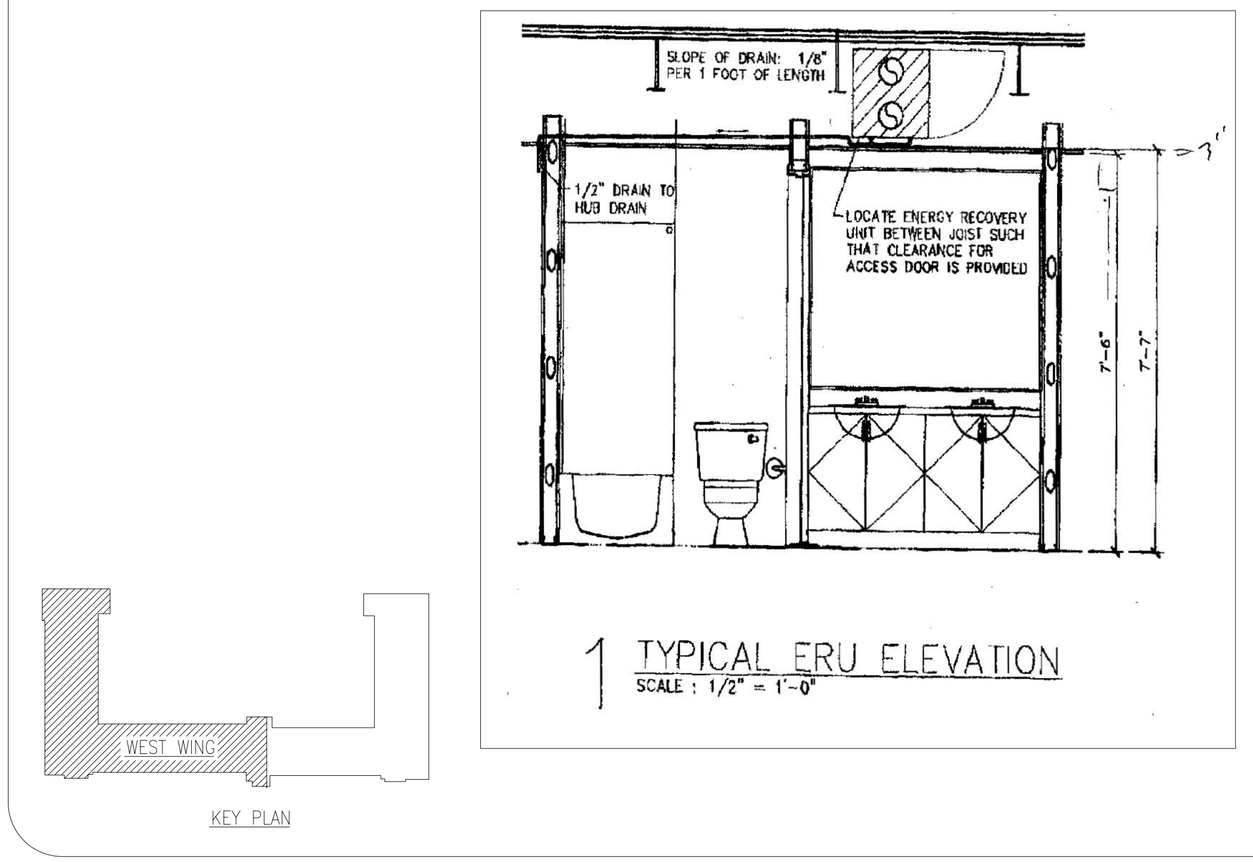


2 ENLARGED PLAN AT 2 BEDROOM UNIT – HVAC DUCTWORK
SCALE :1/4"=1'-0"
RE :



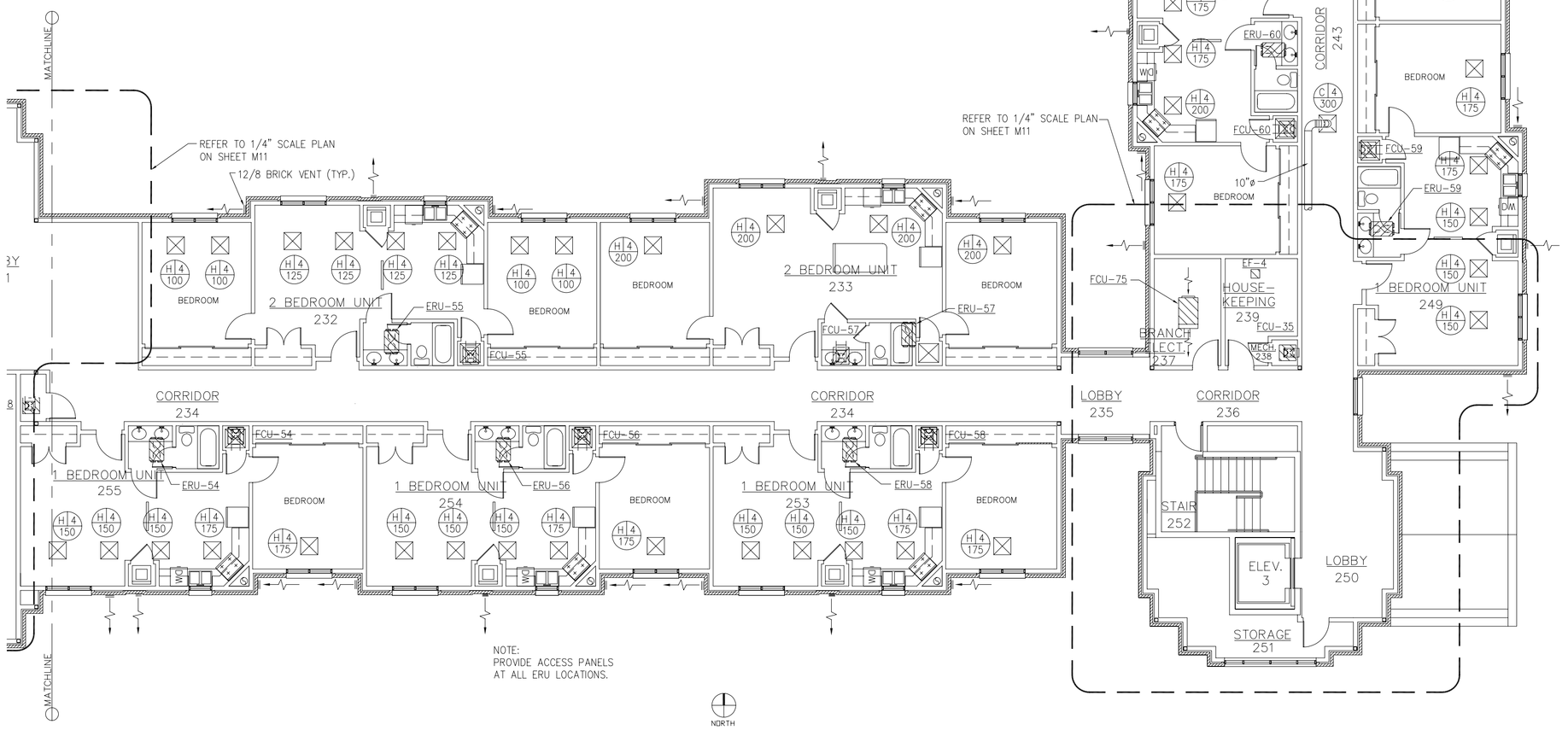
3 ENLARGED PLAN AT 2 BEDROOM UNIT
HVAC DUCTWORK (2ND FLOOR)
SCALE :1/4"=1'-0"
RE :





KEY PLAN

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



1 PARTIAL SECOND FLOOR HVAC DUCTWORK PLAN – EAST WING
SCALE :3/32"=1'-0"
RE :

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

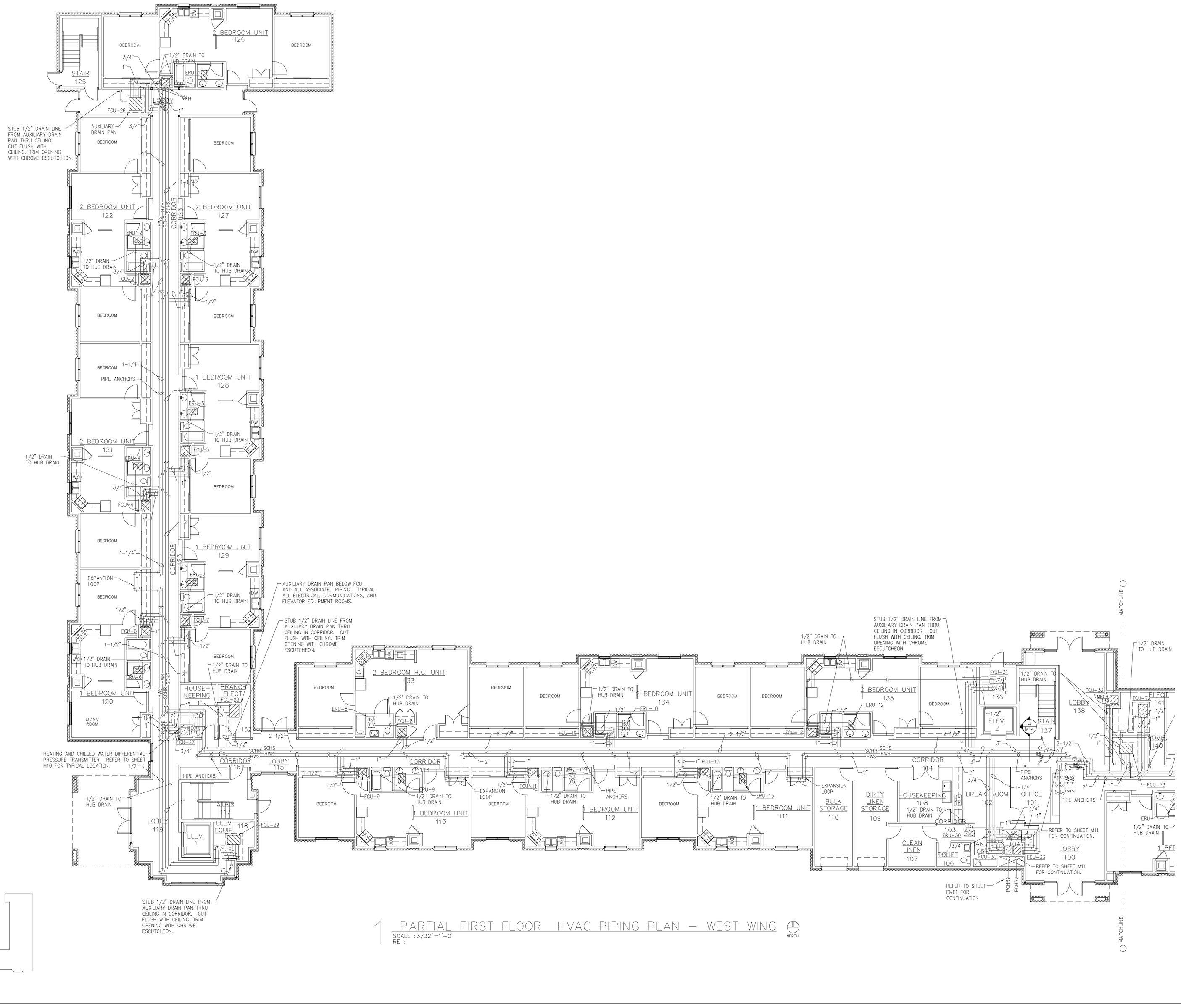
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
3	Added detail showing difference in trunk lines on the second floor			
2	Added Typical ERU Elevation			
1	Changes in duct locations			

PROJECT TITLE
TEMPORARY LODGING FACILITY

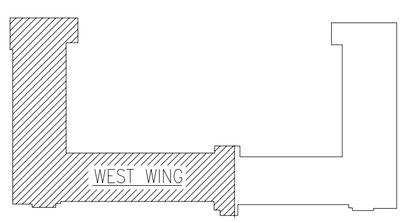
SHEET TITLE
PARTIAL SECOND FLOOR HVAC DUCTWORK PLAN
AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M5
SCALE: AS NOTED	72 OF 108



1 PARTIAL FIRST FLOOR HVAC PIPING PLAN – WEST WING

SCALE : 3/32"=1'-0"
RE :



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

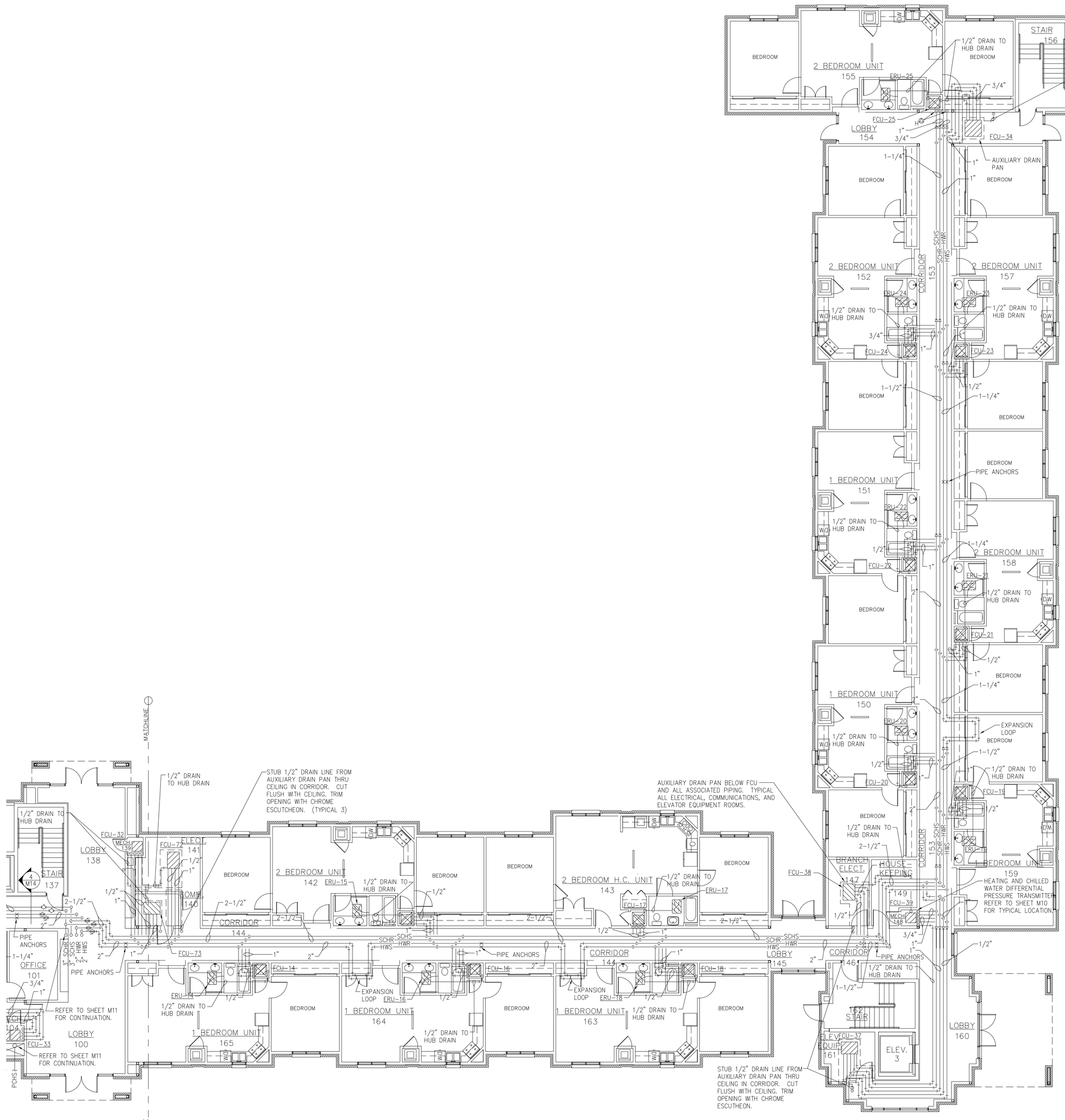
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR HVAC PIPING PLAN

AS-BUILT

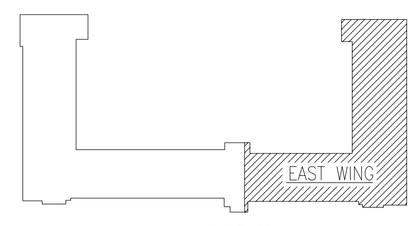
DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M6 73 OF 108
SCALE: 3/32"=1'-0"	



1 PARTIAL FIRST FLOOR HVAC PIPING PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :

NORTH



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

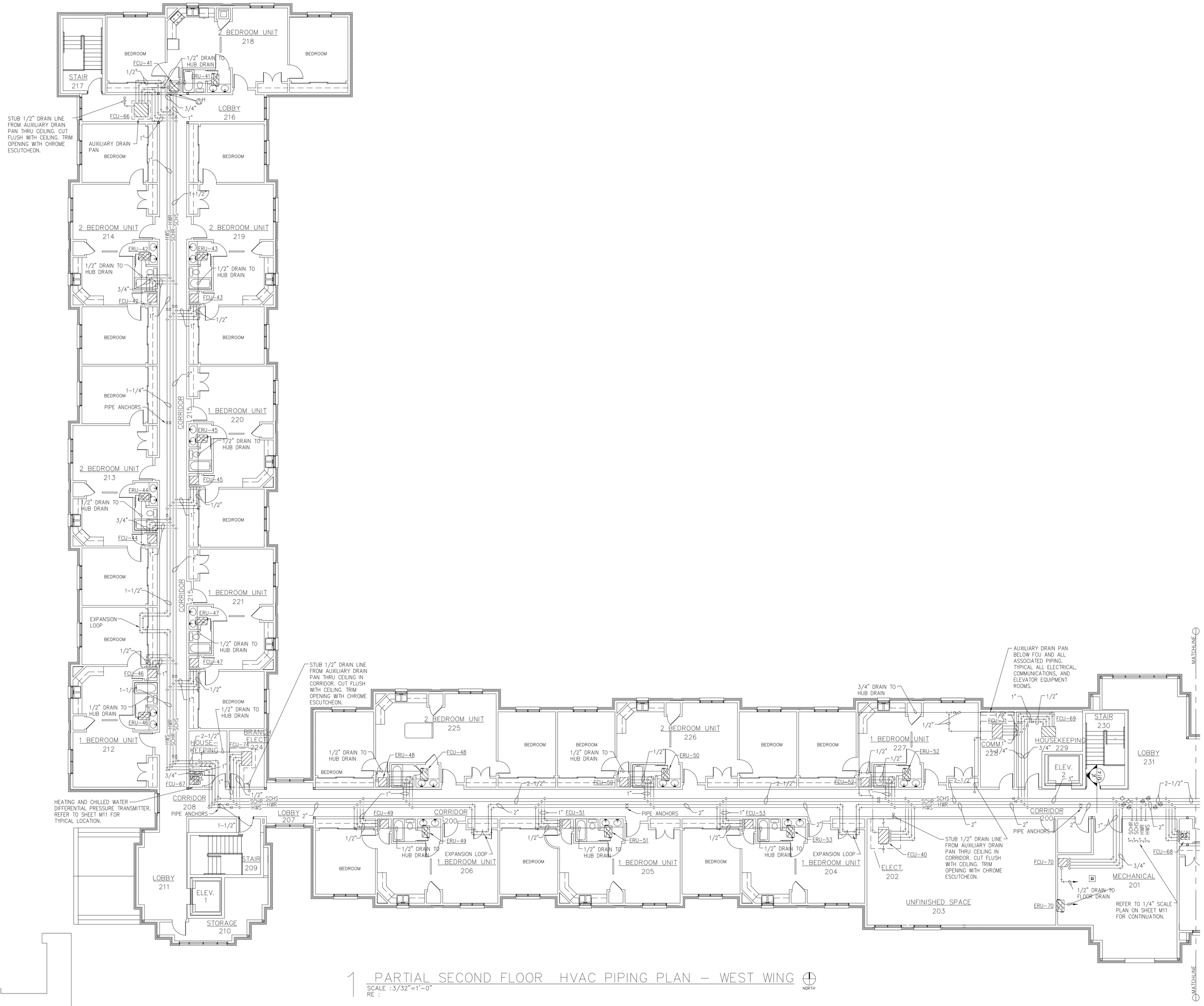
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR HVAC PIPING PLAN

AS-BUILT

DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M7
SCALE: 3/32"=1'-0"	74 OF 108



1 PARTIAL SECOND FLOOR HVAC PIPING PLAN – WEST WING

SCALE :3/32"=1'-0"
RE :

NORTH

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

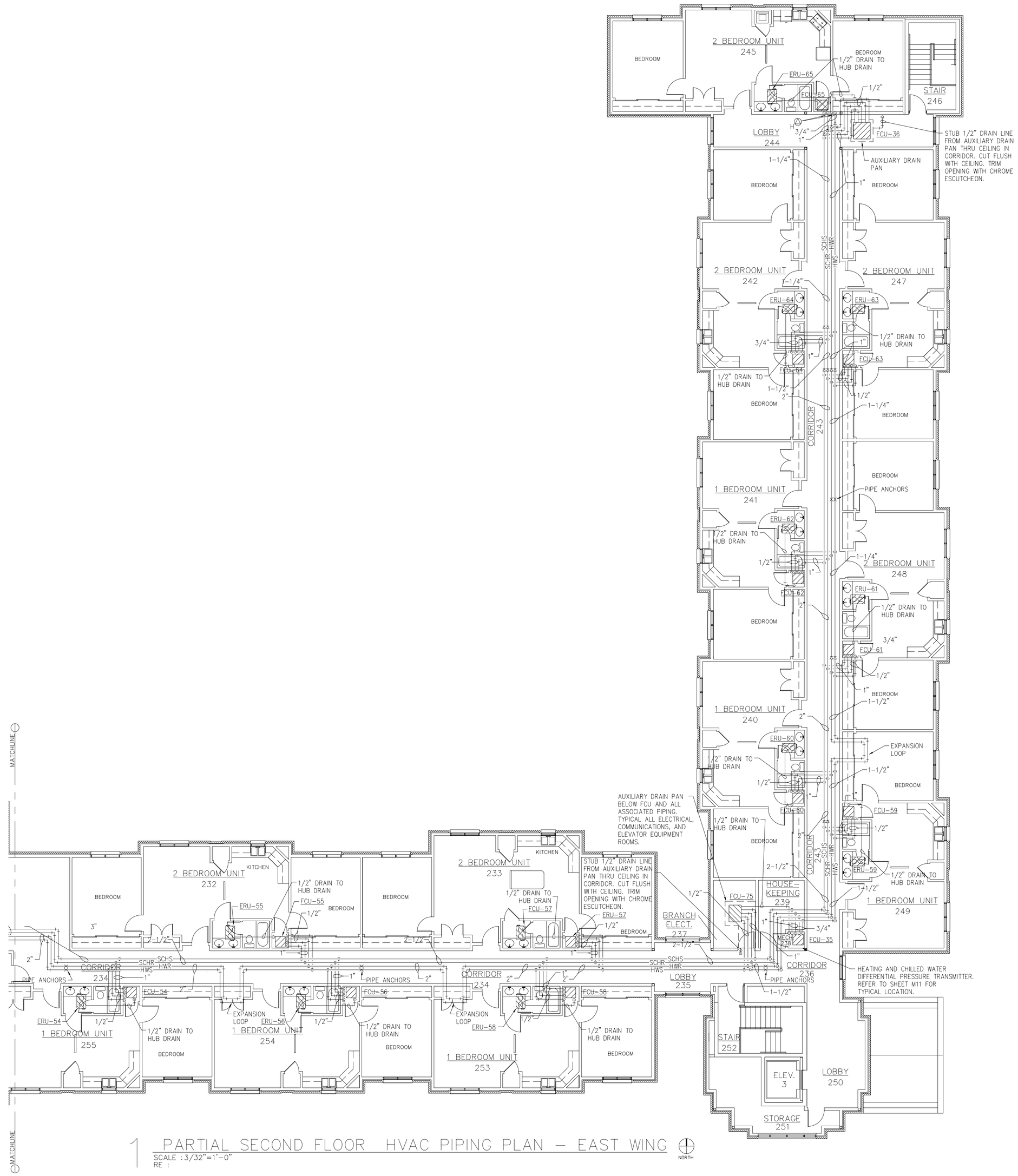
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR HVAC PIPING PLAN

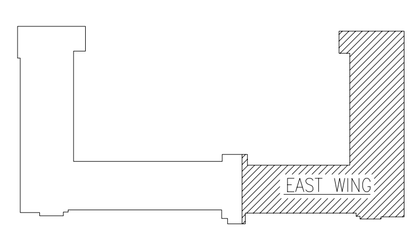
AS-BUILT

DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M8
SCALE: 3/32"=1'-0"	75 OF 108



1 PARTIAL SECOND FLOOR HVAC PIPING PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :



KEY PLAN

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

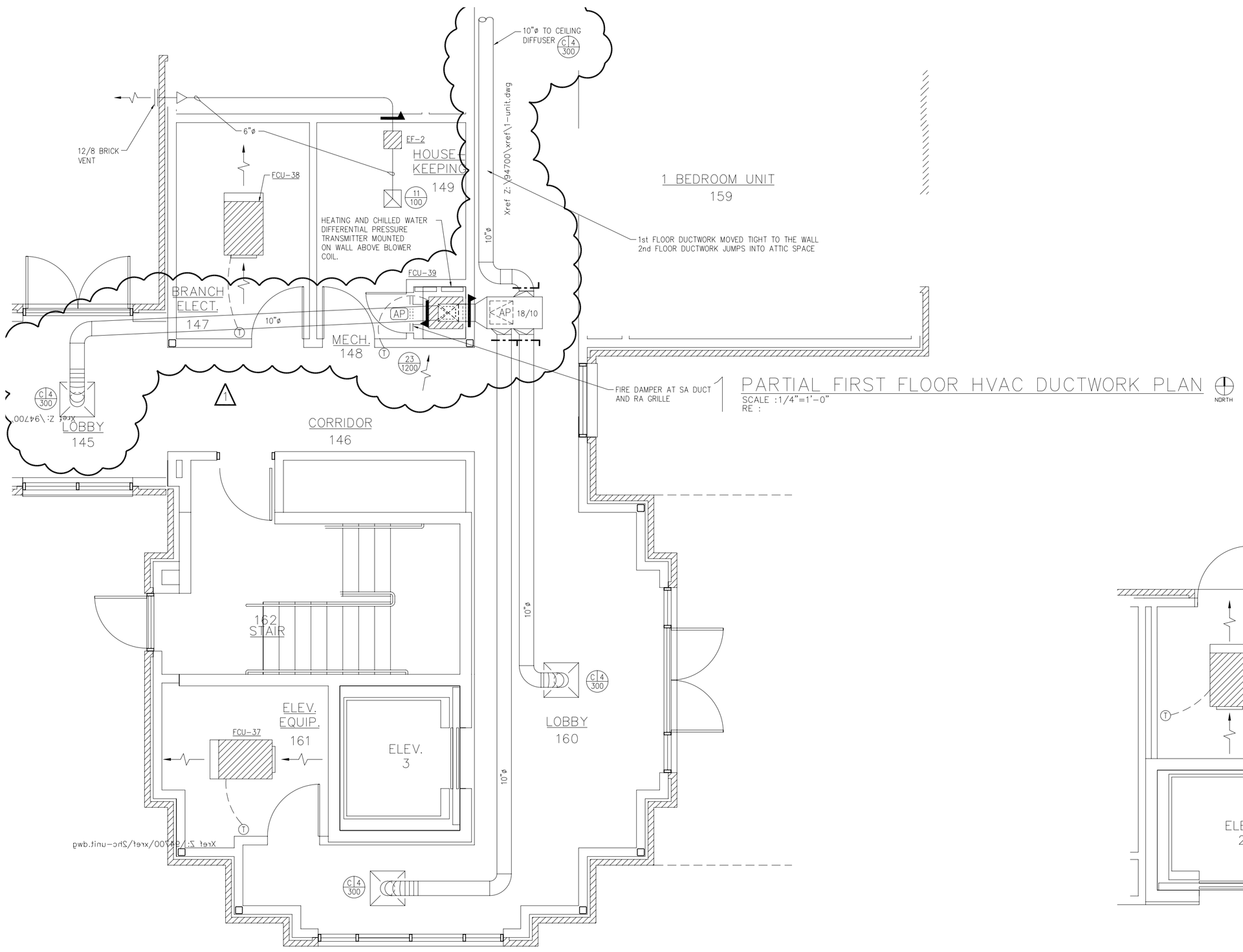
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR HVAC PIPING PLAN

AS-BUILT

DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M9
SCALE: 3/32"=1'-0"	76 OF 108



PARTIAL FIRST FLOOR HVAC DUCTWORK PLAN

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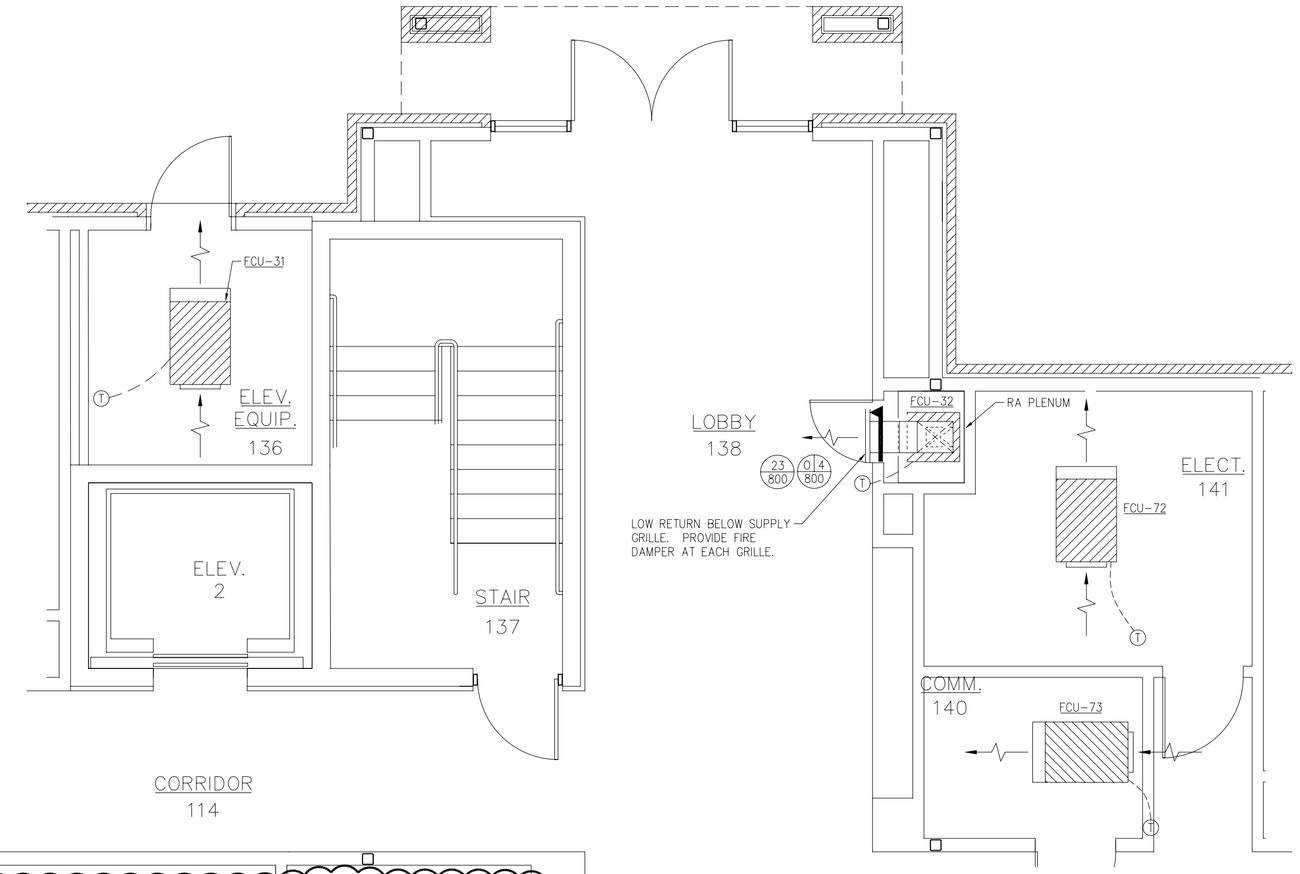
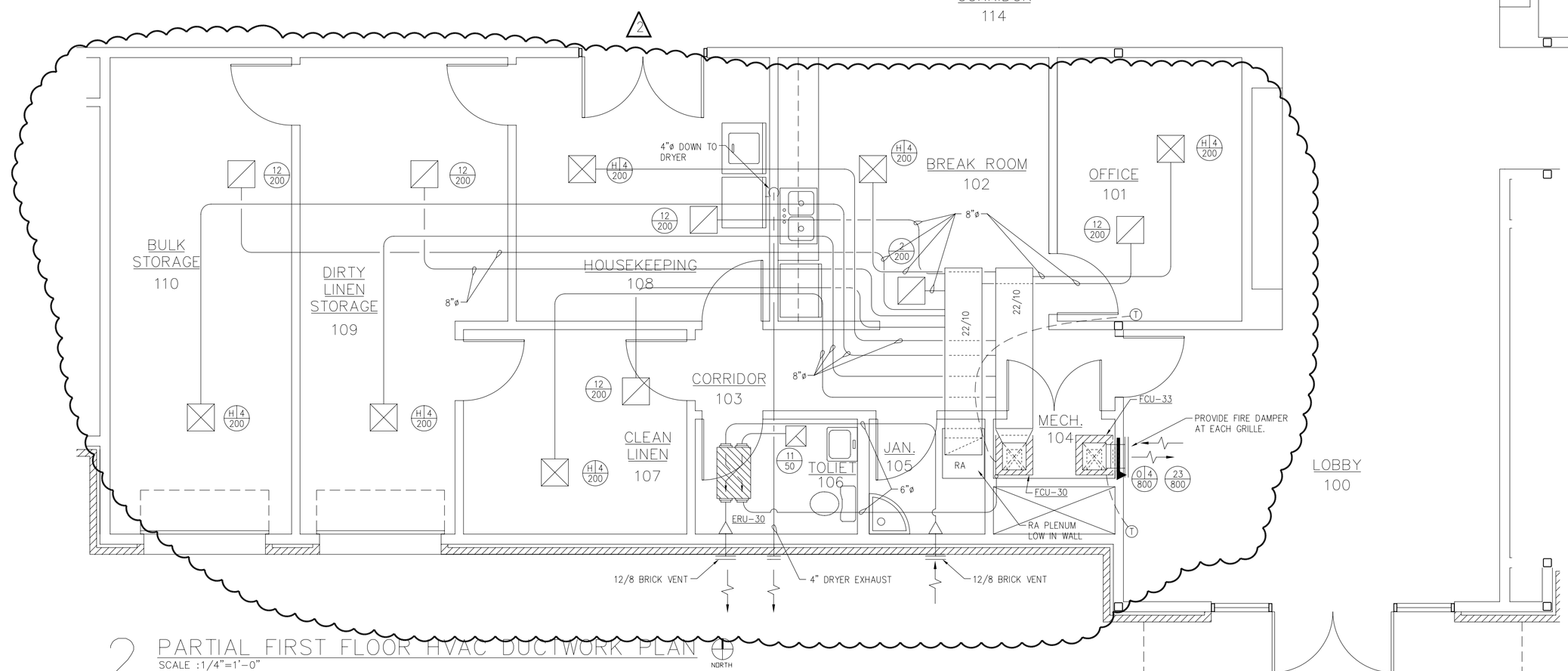
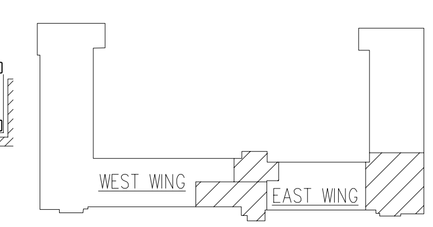




2 PARTIAL FIRST FLOOR HVAC DUCTWORK PLAN

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



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
2	Complete rework of ductwork for entire area			
1	Ductwork locations changed to accomodate lack of space			

PROJECT TITLE

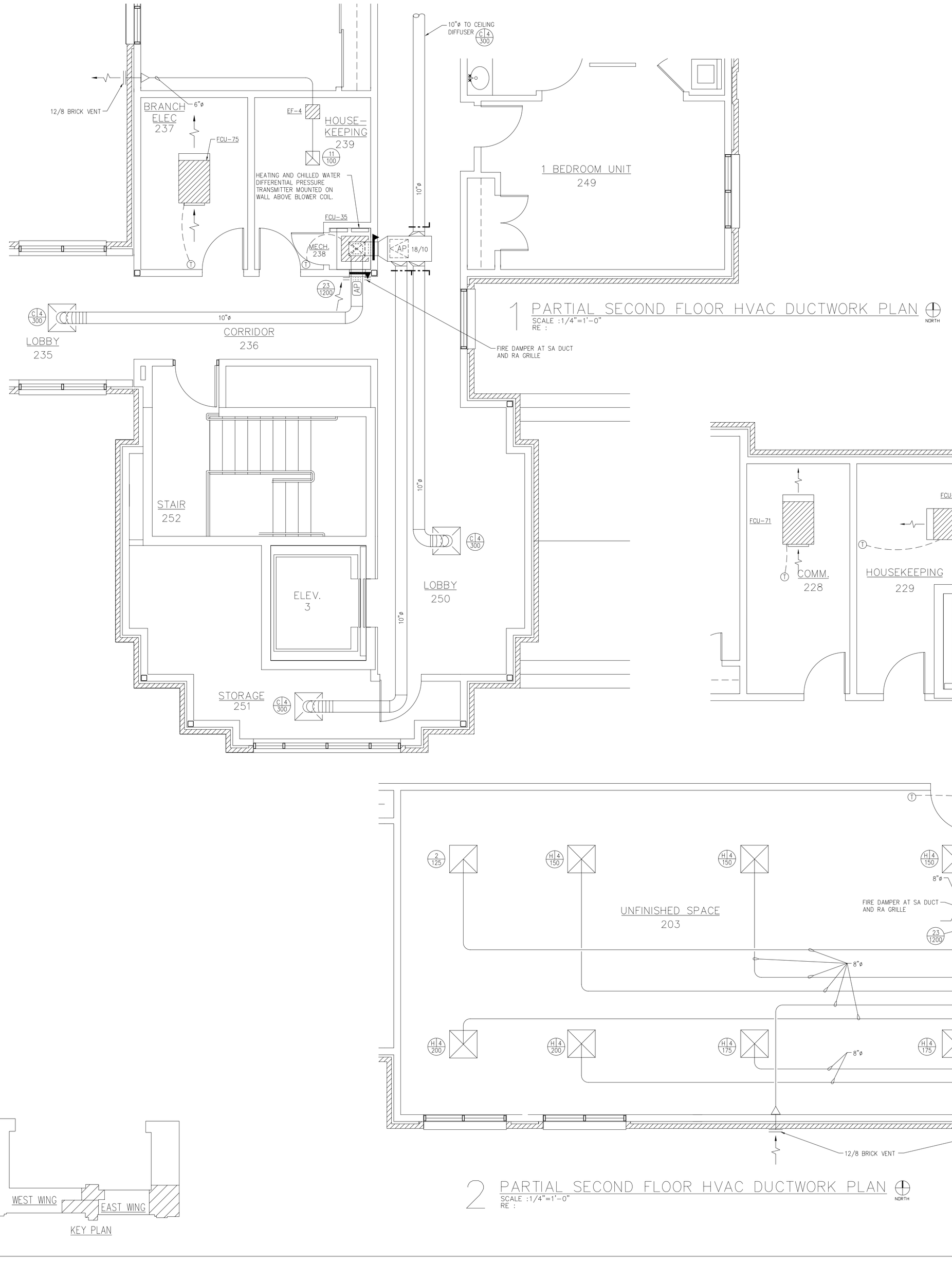
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR HVAC PLANS

AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M10
SCALE: AS NOTED	77 OF 108



1 PARTIAL SECOND FLOOR HVAC DUCTWORK PLAN
SCALE :1/4"=1'-0"
RE :

2 PARTIAL SECOND FLOOR HVAC DUCTWORK PLAN
SCALE :1/4"=1'-0"
RE :

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

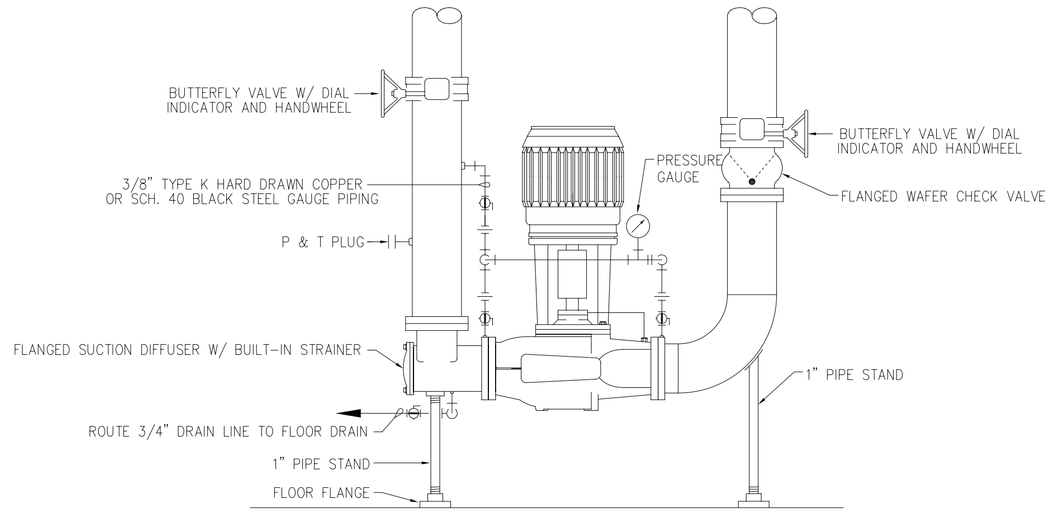
TEMPORARY LODGING FACILITY

SHEET TITLE

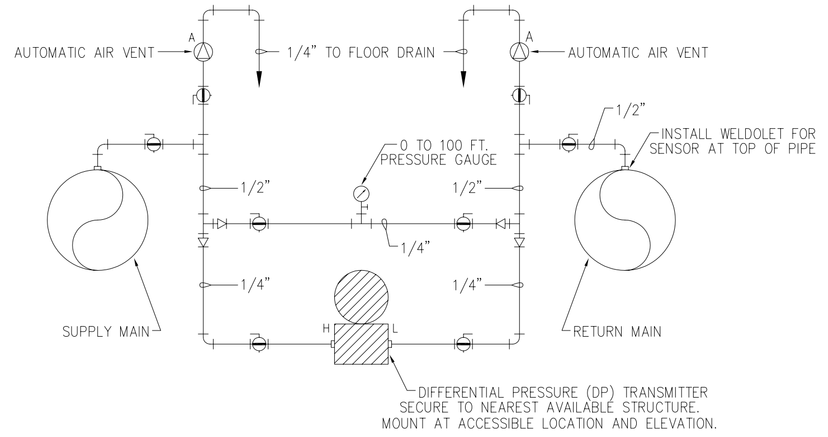
PARTIAL SECOND FLOOR PLANS – HVAC

AS-BUILT

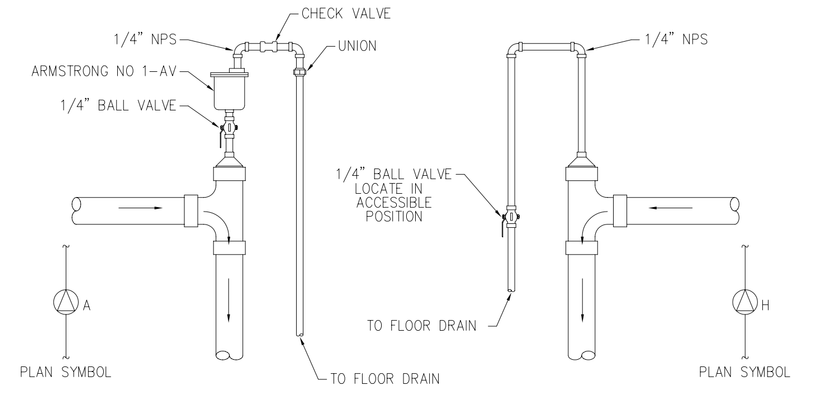
DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M11
SCALE: AS NOTED	78 OF 108



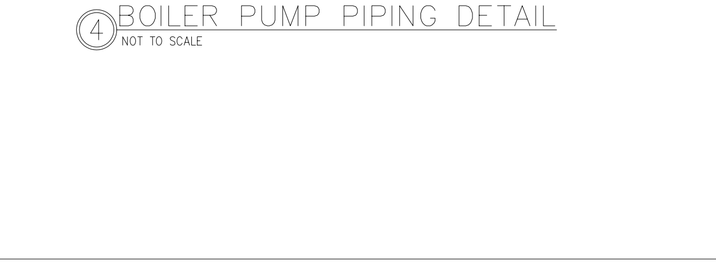
1 VERTICAL INLINE PUMP PIPING DETAIL
NOT TO SCALE



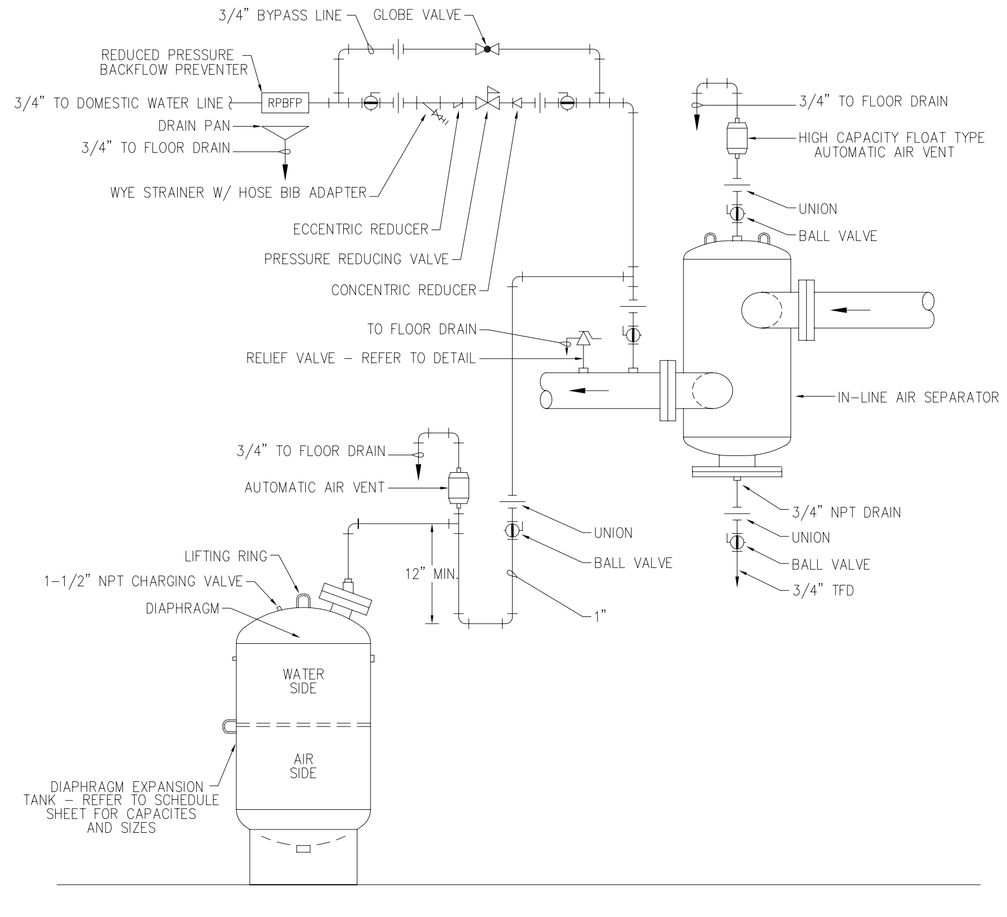
2 DIFFERENTIAL PRESSURE TRANSMITTER DETAIL
NOT TO SCALE



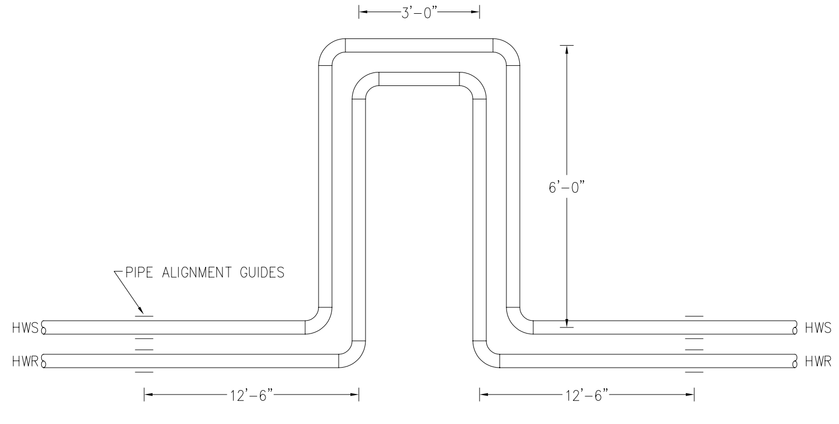
3 AIR ELIMINATOR DETAIL
NOT TO SCALE



4 BOILER PUMP PIPING DETAIL
NOT TO SCALE



5 AIR CONTROL PIPING DETAIL
NOT TO SCALE



6 PIPING EXPANSION LOOP DETAIL
NOT TO SCALE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

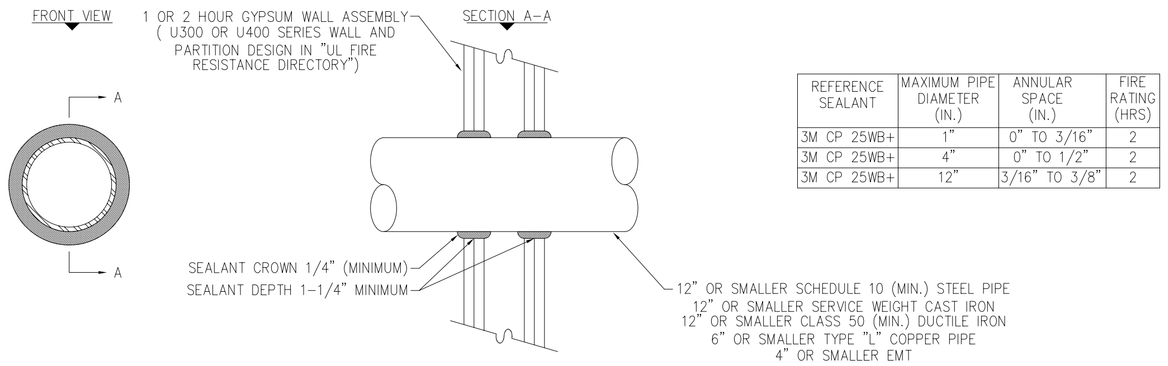
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
HVAC DETAILS
AS-BUILT

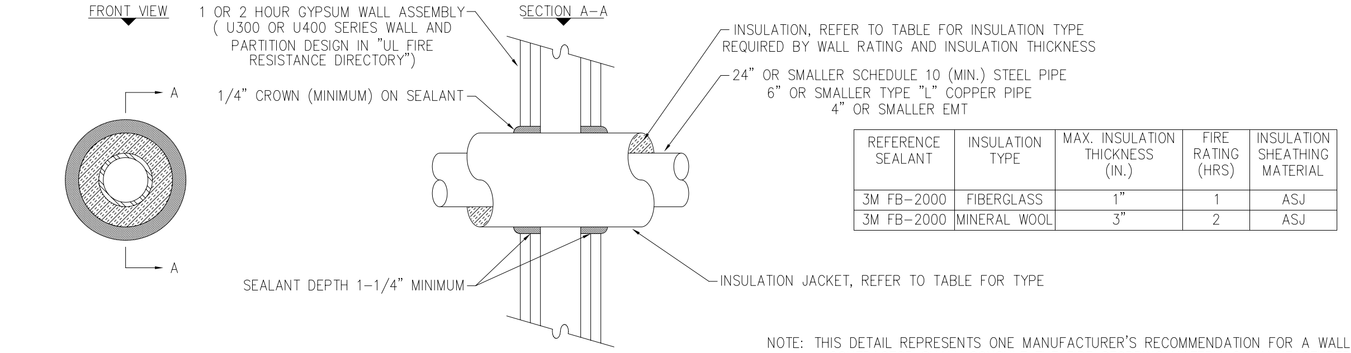
DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M12
SCALE: NONE	79 OF 108



REFERENCE SEALANT	MAXIMUM PIPE DIAMETER (IN.)	ANNULAR SPACE (IN.)	FIRE RATING (HRS)
3M CP 25WB+	1"	0" TO 3/16"	2
3M CP 25WB+	4"	0" TO 1/2"	2
3M CP 25WB+	12"	3/16" TO 3/8"	2

NOTE: THIS DETAIL REPRESENTS ONE MANUFACTURER'S RECOMMENDATION FOR A WALL TYPE. THE CONTRACTOR SHALL CONSULT THE FIRE STOPPING MATERIALS MANUFACTURER FOR SPECIFIC INFORMATION AND SPECIFIC INSTALLATION INSTRUCTIONS FOR THE WALLS AND PARTITIONS APPLICABLE TO THIS PROJECT.

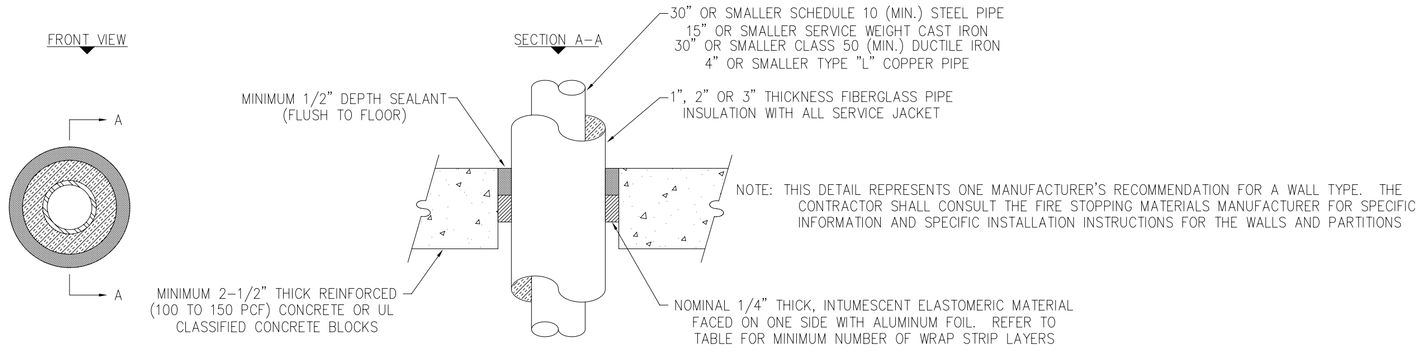
1 METAL PIPE PENETRATION THRU RATED GYPSUM WALL
NOT TO SCALE



REFERENCE SEALANT	MAXIMUM PIPE DIAMETER (IN.)	MAX. ANNULAR SPACE (IN.)	FIRE RATING (HRS)
3M CP 25N/S	10"	1"	2
3M CP 25N/S	10"	1"	2
3M CP 25N/S	20"	2-1/2"	2

NOTE: THIS DETAIL REPRESENTS ONE MANUFACTURER'S RECOMMENDATION FOR A WALL TYPE. THE CONTRACTOR SHALL CONSULT THE FIRE STOPPING MATERIALS MANUFACTURER FOR SPECIFIC INFORMATION AND SPECIFIC INSTALLATION INSTRUCTIONS FOR THE WALLS AND PARTITIONS

3 METAL PIPE PENETRATION THRU RATED CONCRETE FLOOR OR WALL
NOT TO SCALE



NOTE: THIS DETAIL REPRESENTS ONE MANUFACTURER'S RECOMMENDATION FOR A WALL TYPE. THE CONTRACTOR SHALL CONSULT THE FIRE STOPPING MATERIALS MANUFACTURER FOR SPECIFIC INFORMATION AND SPECIFIC INSTALLATION INSTRUCTIONS FOR THE WALLS AND PARTITIONS

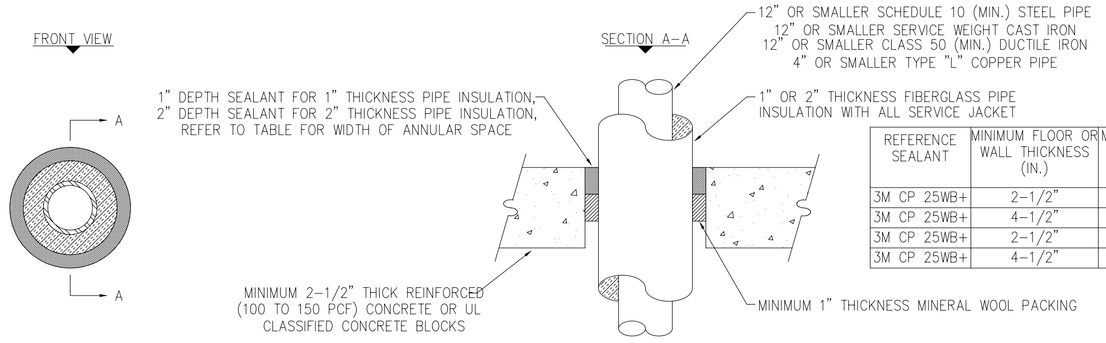
REFERENCE SEALANT	REFERENCE WRAP STRIP	MINIMUM FLOOR OR WALL THICKNESS (IN.)	MAXIMUM PIPE DIAMETER (IN.)	MAX. INSULATION THICKNESS (IN.)	ANNULAR SPACE (IN.)	MINIMUM NUMBER OF WRAP STRIP LAYERS	FIRE RATING (HRS)
3M CP 25WB+	3M FS-195+	2-1/2"	12"	1"	1/4" TO 3/8"	1	2
3M CP 25WB+	3M FS-195+	2-1/2"	6"	2"	1/2" TO 5/8"	2	2
3M CP 25WB+	3M FS-195+	4-1/2"	20"	1"	1/2" TO 1"	1	2
3M CP 25WB+	3M FS-195+	4-1/2"	30"	2"	3/4" TO 1-1/4"	2	2
3M CP 25WB+	3M FS-195+	4-1/2"	20"	3"	1" TO 1-1/2"	3	2

5 INSULATED METAL PIPE PENETRATION THRU RATED CONCRETE FLOOR OR WALL
NOT TO SCALE

REFERENCE SEALANT	INSULATION TYPE	MAX. INSULATION THICKNESS (IN.)	FIRE RATING (HRS)	INSULATION SHEATHING MATERIAL
3M FB-2000	FIBERGLASS	1"	1	ASJ
3M FB-2000	MINERAL WOOL	3"	2	ASJ

NOTE: THIS DETAIL REPRESENTS ONE MANUFACTURER'S RECOMMENDATION FOR A WALL TYPE. THE CONTRACTOR SHALL CONSULT THE FIRE STOPPING MATERIALS MANUFACTURER FOR SPECIFIC INFORMATION AND SPECIFIC INSTALLATION INSTRUCTIONS FOR THE WALLS AND PARTITIONS APPLICABLE TO THIS PROJECT.

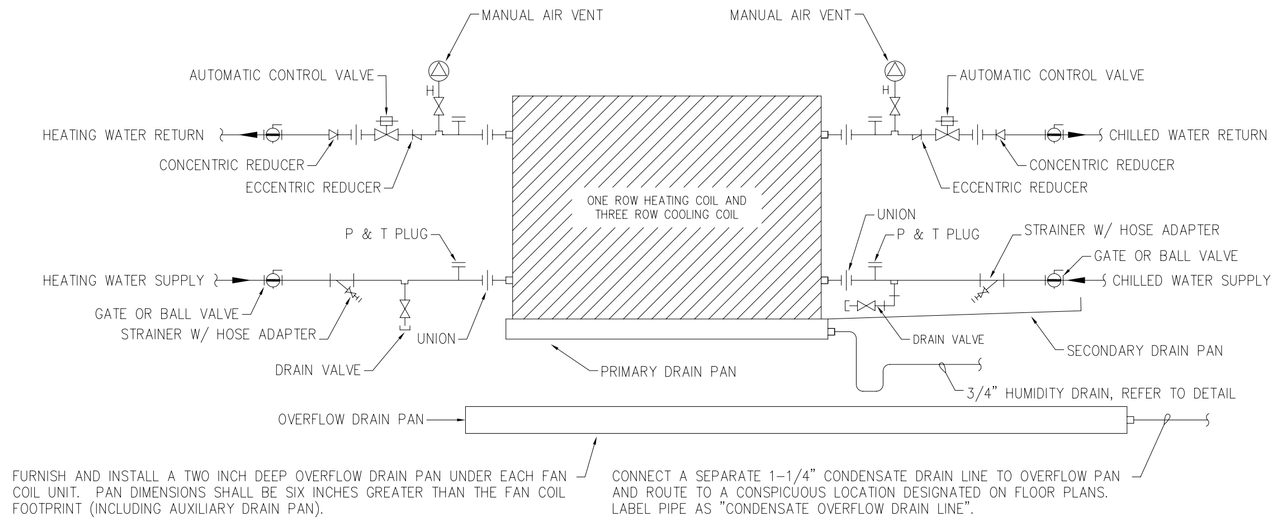
6 INSULATED METAL PIPE PENETRATION THRU RATED GYPSUM WALL
NOT TO SCALE



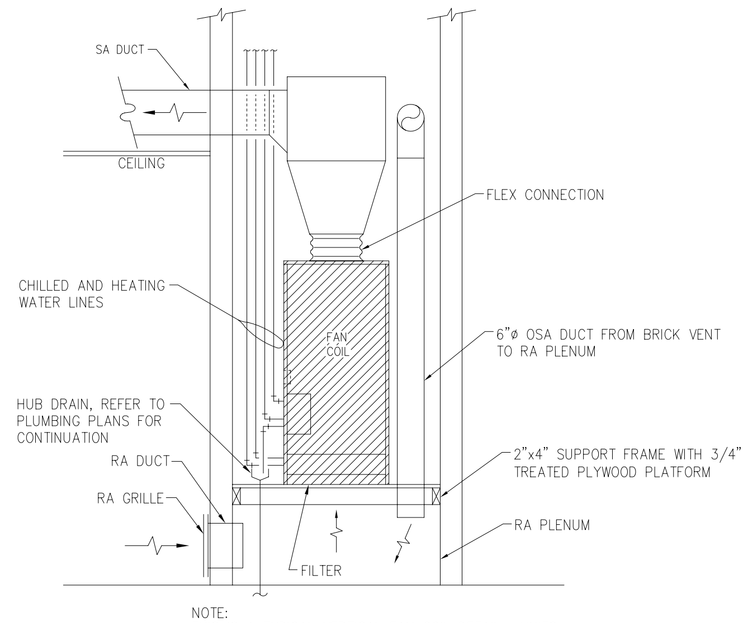
REFERENCE SEALANT	MINIMUM FLOOR OR WALL THICKNESS (IN.)	MAXIMUM PIPE DIAMETER (IN.)	MAX. INSULATION THICKNESS (IN.)	ANNULAR SPACE (IN.)	FIRE RATING (HRS)
3M CP 25WB+	2-1/2"	4"	1"	1/2" TO 2-3/8"	2
3M CP 25WB+	4-1/2"	4"	2"	1/2" TO 3-5/8"	2
3M CP 25WB+	2-1/2"	12"	1"	1/2" TO 1-1/2"	2
3M CP 25WB+	4-1/2"	12"	1"	1/2" TO 2-3/8"	2

NOTE: THIS DETAIL REPRESENTS ONE MANUFACTURER'S RECOMMENDATION FOR A WALL TYPE. THE CONTRACTOR SHALL CONSULT THE FIRE STOPPING MATERIALS MANUFACTURER FOR SPECIFIC INFORMATION AND SPECIFIC INSTALLATION INSTRUCTIONS FOR THE WALLS AND PARTITIONS

2 INSULATED METAL PIPE PENETRATION THRU RATED CONCRETE FLOOR OR WALL
NOT TO SCALE



4 HORIZONTAL FAN COIL UNIT PIPING DETAIL
NOT TO SCALE



NOTE:
THIS IS A TYPICAL VERTICAL FAN COIL DETAIL. UNITS ARE SIMILAR BUT WITH DIFFERING DUCTWORK SIZES AND DUCTWORK ROUTING. REFER TO HVAC PLANS FOR CORRECT SIZE AND ROUTING OF SUPPLY AIR DUCTWORK FOR ALL UNITS.

7 VERTICAL FAN COIL UNIT PIPING DETAIL
NOT TO SCALE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

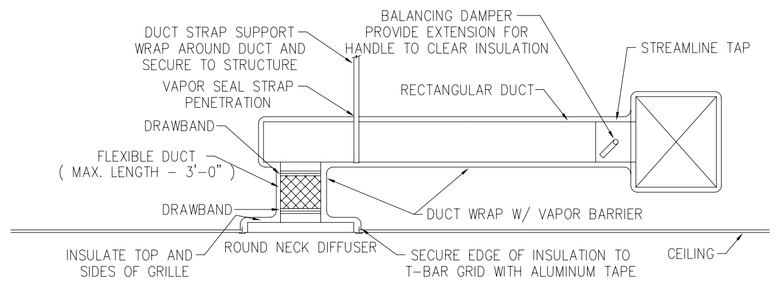
No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
HVAC DETAILS
AS-BUILT

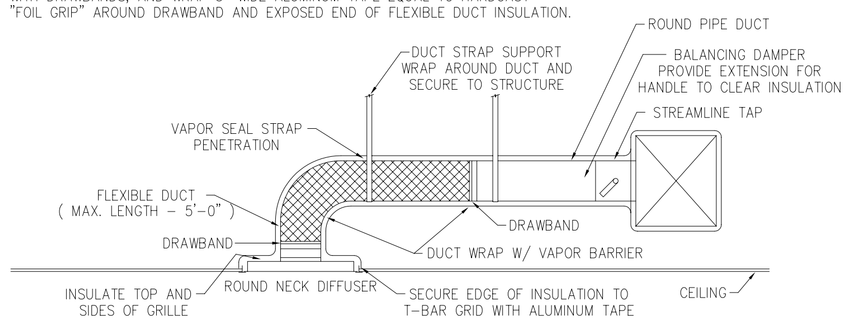
DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M13
SCALE: NONE	80 OF 108

NOTE:
FLEXIBLE DUCT CONNECTIONS SHALL BE INSTALLED TO ADC STANDARDS AND SEALED TO UL STANDARDS PER AMC 603 AND 604.2.1. AS A MINIMUM, THE CONTRACTOR SHALL SECURE THE FLEXIBLE DUCT TO GRILLE AND METAL DUCT WITH DRAWBANDS, AND WRAP 3" WIDE ALUMINUM TAPE EQUAL TO HARDCAST "FOIL GRIP" AROUND DRAWBAND AND EXPOSED END OF FLEXIBLE DUCT INSULATION.

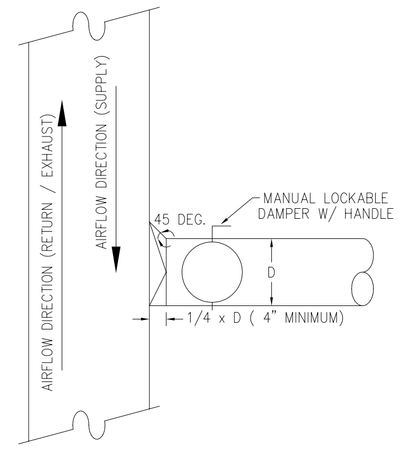


1 DIFFUSER CONNECTION TO RECTANGULAR DUCT
NOT TO SCALE

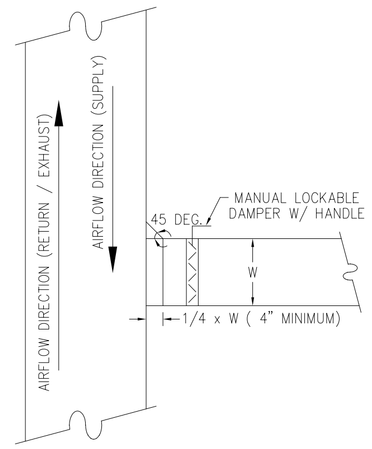
NOTE:
FLEXIBLE DUCT CONNECTIONS SHALL BE INSTALLED TO ADC STANDARDS AND SEALED TO UL STANDARDS PER AMC 603 AND 604.2.1. AS A MINIMUM, THE CONTRACTOR SHALL SECURE THE FLEXIBLE DUCT TO GRILLE AND METAL DUCT WITH DRAWBANDS, AND WRAP 3" WIDE ALUMINUM TAPE EQUAL TO HARDCAST "FOIL GRIP" AROUND DRAWBAND AND EXPOSED END OF FLEXIBLE DUCT INSULATION.



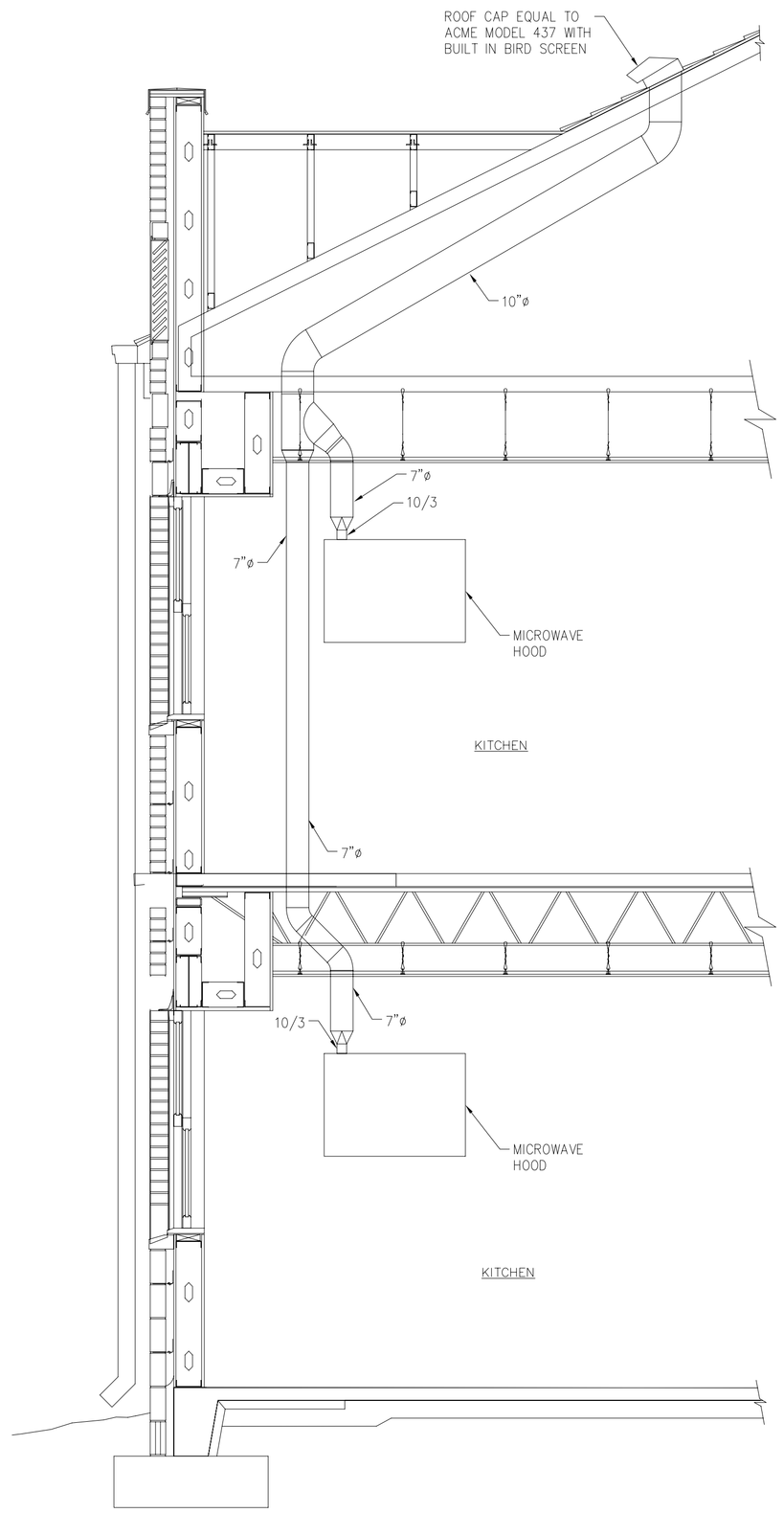
2 DIFFUSER CONNECTION TO ROUND DUCT
NOT TO SCALE



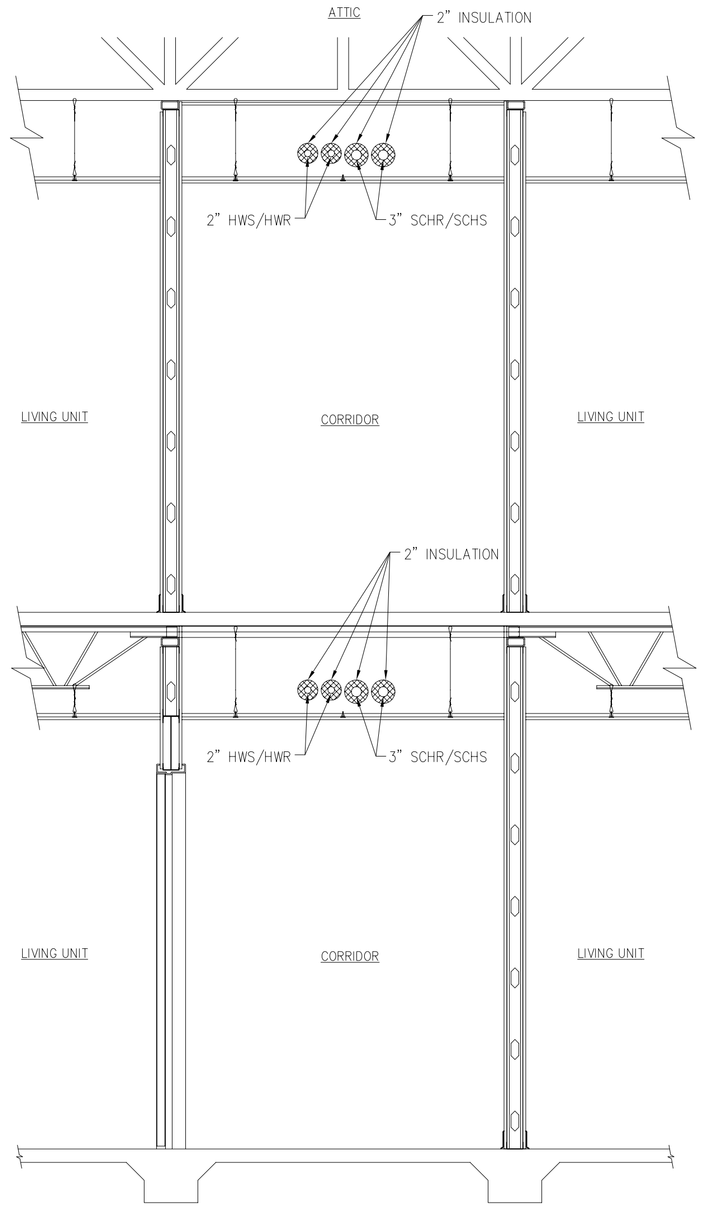
3 ROUND BRANCH DUCT CONNECTION
NOT TO SCALE



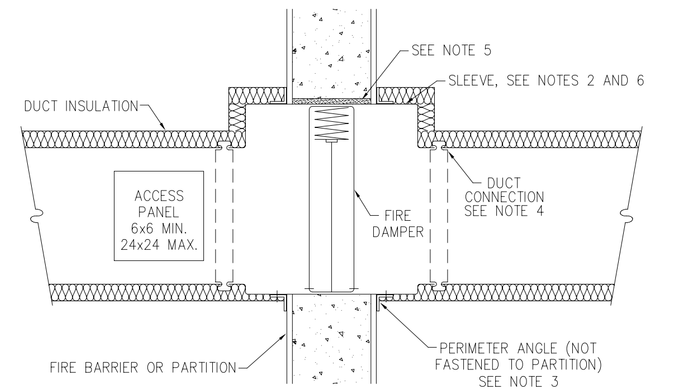
4 RECTANGULAR BRANCH DUCT CONNECTION
NOT TO SCALE



5 VENT HOOD EXHAUST SECTION
3/8"=1'–0"

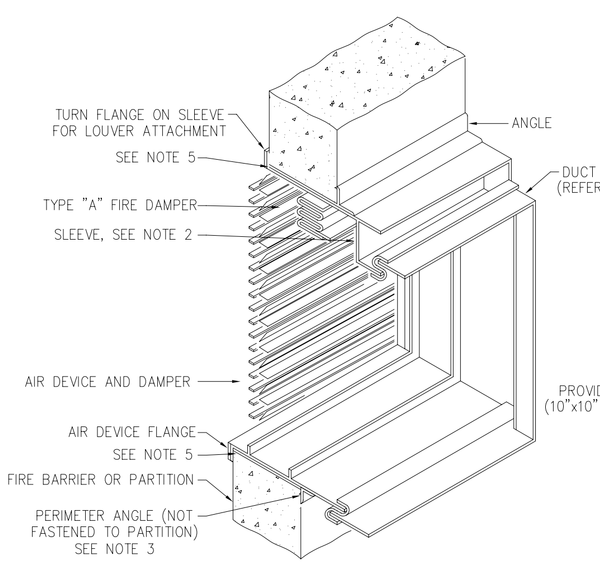


6 SECTION THRU TYPICAL CORRIDOR
3/8"=1'–0"



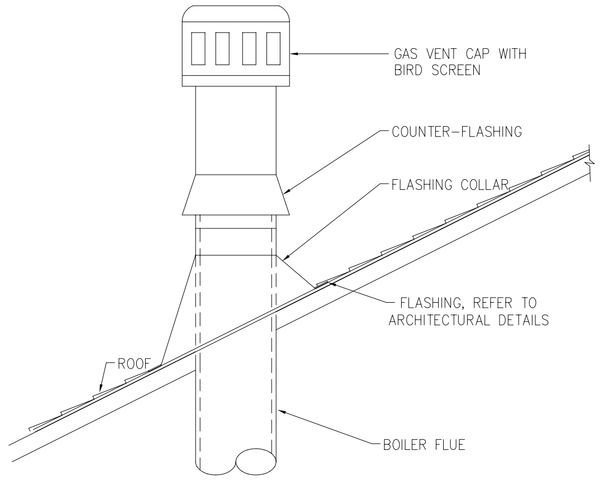
NOTES:
1. COMPLY W/ SMACNA "FIRE, SMOKE AND RADIATION DAMPER INSTALLATION GUIDE FOR HVAC SYSTEMS" AND NFPA 90A "INSTALLATION OF AIR CONDITIONING AND VENTILATING SYSTEMS".
2. GALVANIZED SLEEVE GAGE SHALL NOT BE LESS THAN CONNECTING DUCT FOR BREAKAWAY CONNECTED DUCT.
3. GALVANIZED STEEL PERIMETER ANGLE NOT LESS THAN 1–1/2x1–1/2x14 GAGE WITH 1" MINIMUM OVERLAP ON ALL SIDES.
4. BREAKAWAY DUCT CONNECTION, REFER TO SMACNA FIGURE 2–2 "UL ACCEPTED DUCT–SLEEVE CONNECTIONS" OF FIRE, SMOKE AND RADIATION DAMPER INSTALLATION GUIDE. UL TESTED DUCT SEALANT MAY BE USED.
5. PROVIDE 1/4" TO 1/2" CLEARANCE ON HEIGHT AND WIDTH. FILL OPEN SPACE WITH FIRE STOPPING MATERIAL.
6. FIRE DAMPER SLEEVE TO EXTEND 6" MINIMUM ON EACH SIDE.

7 VERTICAL FIRE DAMPER DETAIL
NOT TO SCALE

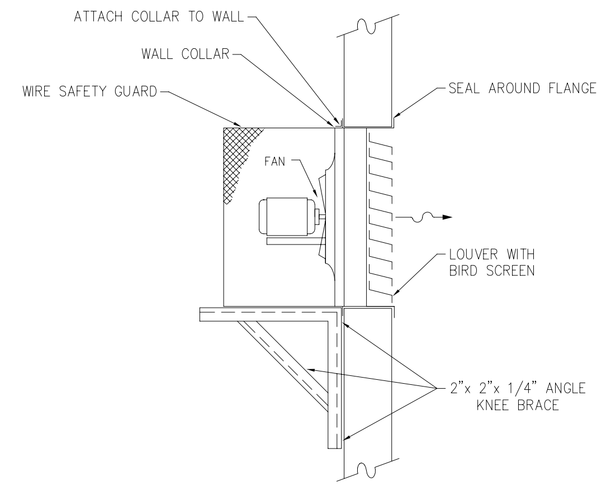


NOTES:
1. COMPLY W/ SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS AND NFPA 90A.
2. GALVANIZED SLEEVE GAGE SHALL NOT BE LESS THAN CONNECTING DUCT.
3. GALVANIZED STEEL PERIMETER ANGLE NOT LESS THAN 1–1/2x1–1/2x14 GA WITH 1" MINIMUM OVERLAP PN ALL SIDES.
4. BREAK–AWAY DUCT CONNECTION REFER TO SMACNA LOW PRESSURE DUCT CONSTRUCTION STANDARDS FIG. 2–13.
5. PROVIDE 1/4" TO 1/2" CLEARENCE ON HEIGHT AND WIDTH. FILL OPEN SPACE WITH FIRE–STOPPING MATERIAL.

8 FIRE DAMPER AT GRILLE
NOT TO SCALE



9 BOILER STACK DETAIL
NOT TO SCALE



10 WALL MOUNT VENTILATION FAN DETAIL
NOT TO SCALE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

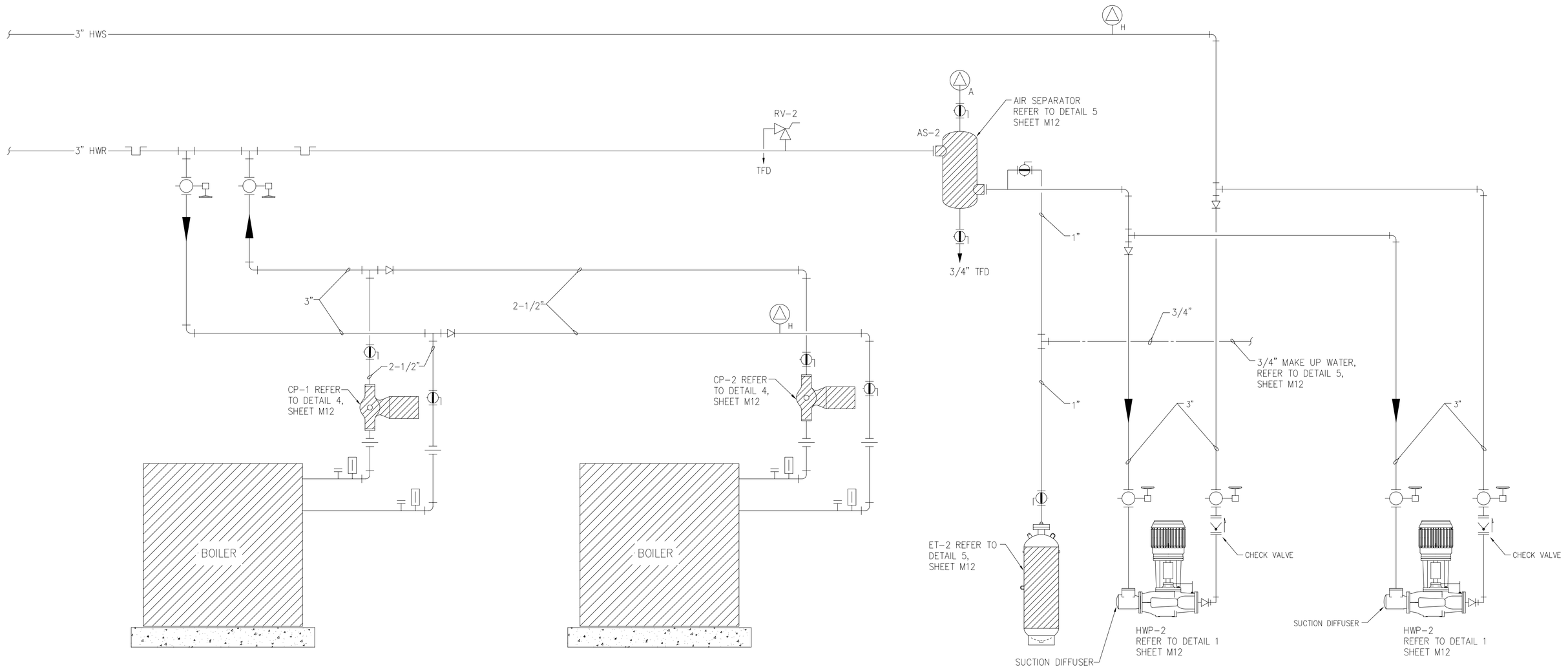
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As–Built			

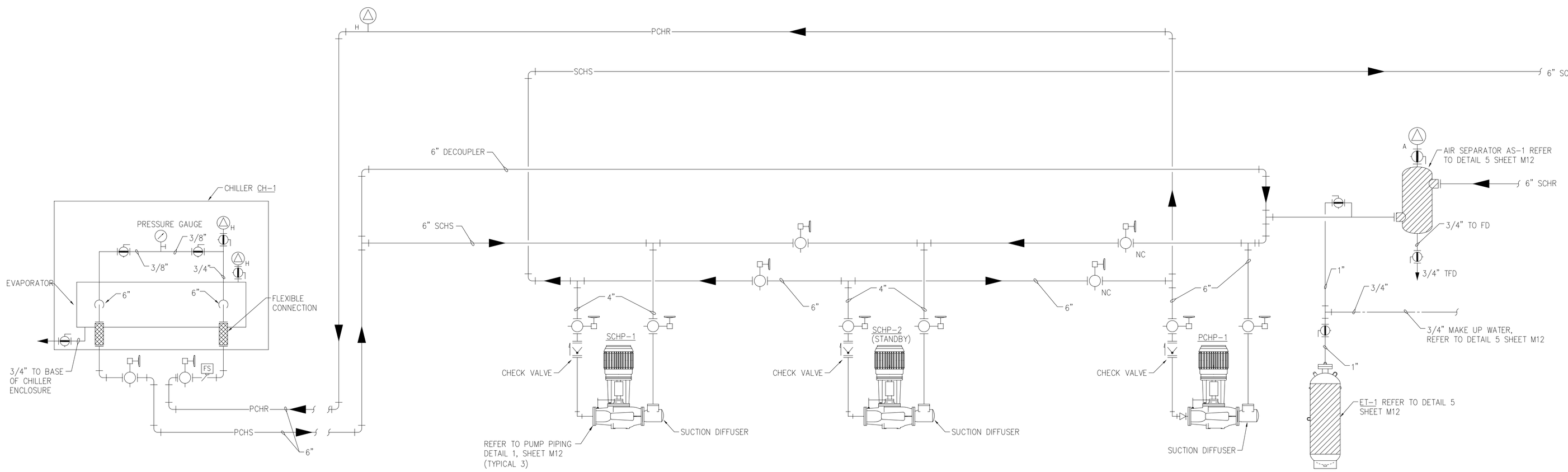
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
HVAC DETAILS
AS–BUILT

DRAWN BY: VWI	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02–5001
DATE: 28 MAY 2002	SHEET: M14
SCALE: AS NOTED	81 OF 108



1 HEATING WATER FLOW DIAGRAM
SCALE: NONE



2 CHILLED WATER FLOW DIAGRAM
SCALE: NONE

LITTLE ROCK A.F.B.
ARKANSAS

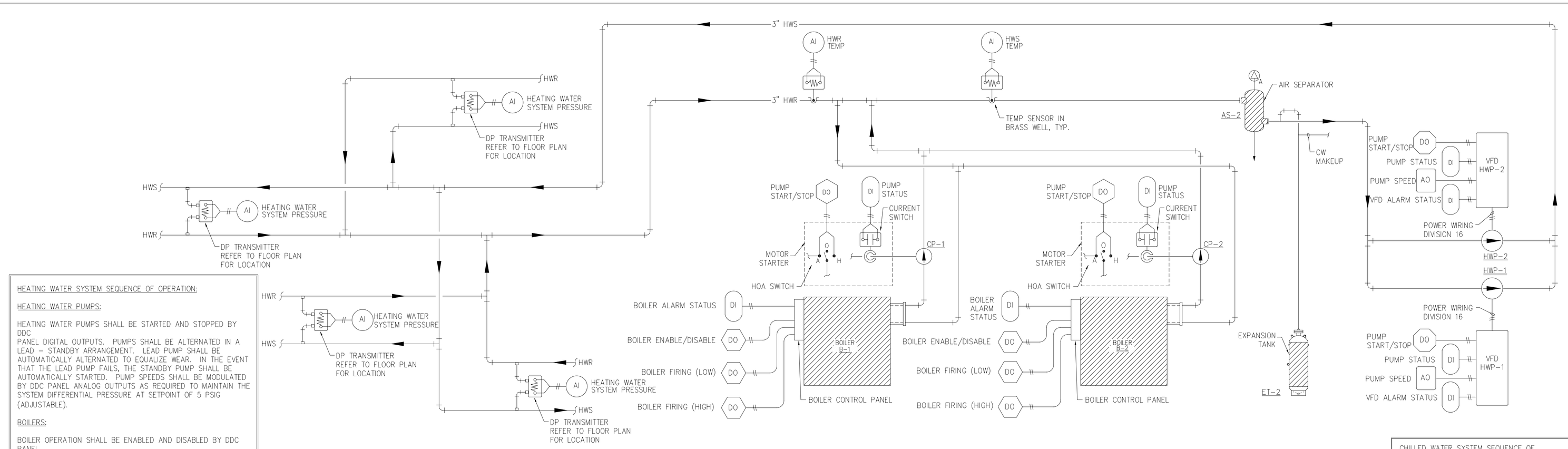
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
HVAC FLOW DIAGRAMS AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M15
SCALE: NONE	82 OF 108



1 HEATING WATER SYSTEM CONTROL DIAGRAM
NOT TO SCALE

HEATING WATER SYSTEM SEQUENCE OF OPERATION:

HEATING WATER PUMPS:

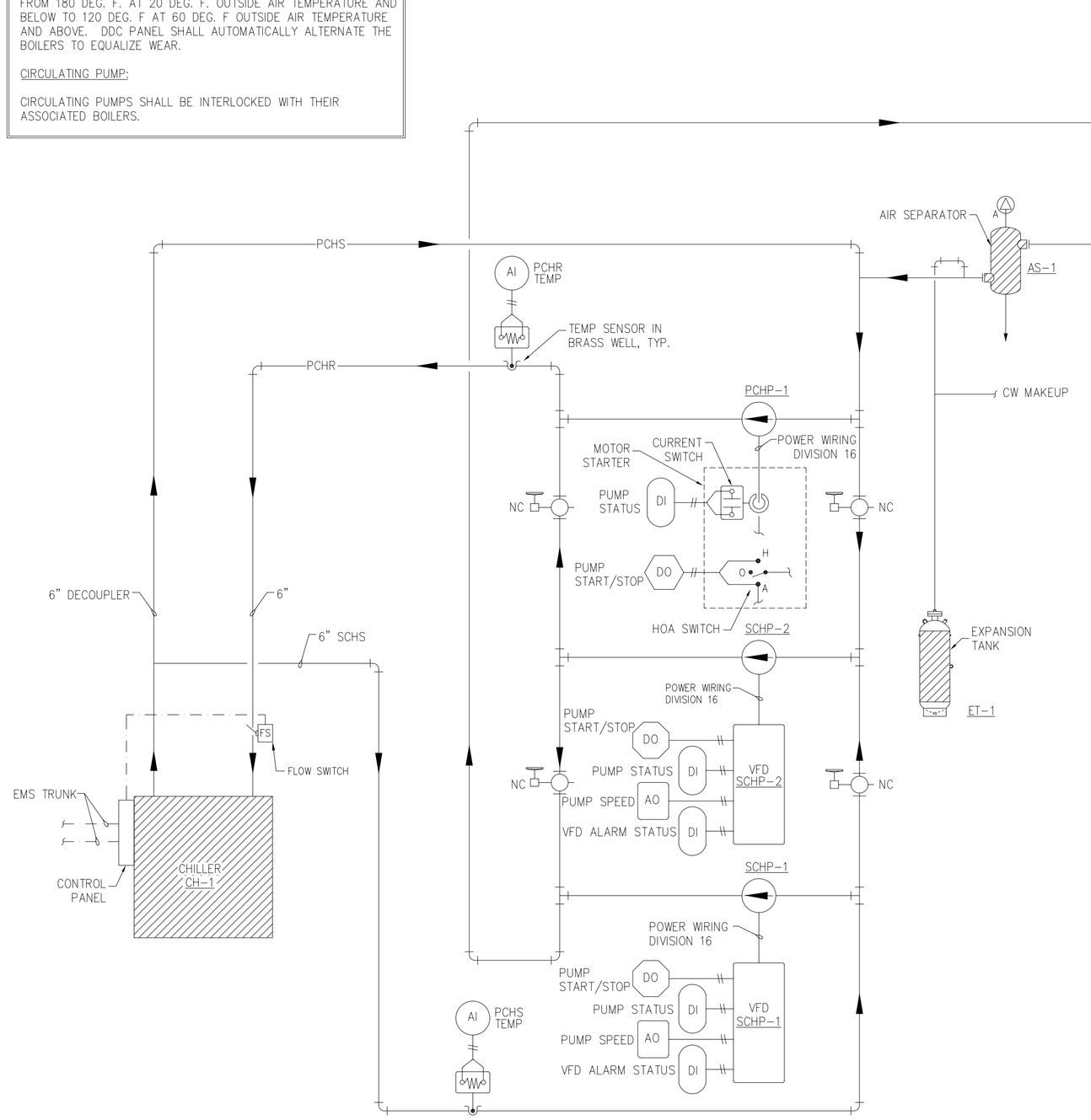
HEATING WATER PUMPS SHALL BE STARTED AND STOPPED BY DDC PANEL DIGITAL OUTPUTS. PUMPS SHALL BE ALTERNATED IN A LEAD – STANDBY ARRANGEMENT. LEAD PUMP SHALL BE AUTOMATICALLY ALTERNATED TO EQUALIZE WEAR. IN THE EVENT THAT THE LEAD PUMP FAILS, THE STANDBY PUMP SHALL BE AUTOMATICALLY STARTED. PUMP SPEEDS SHALL BE MODULATED BY DDC PANEL ANALOG OUTPUTS AS REQUIRED TO MAINTAIN THE SYSTEM DIFFERENTIAL PRESSURE AT SETPOINT OF 5 PSIG (ADJUSTABLE).

BOILERS:

BOILER OPERATION SHALL BE ENABLED AND DISABLED BY DDC PANEL
DIGITAL OUTPUTS. DDC PANEL SHALL SEQUENCE THE BOILERS AS REQUIRED TO MAINTAIN THE HEATING WATER SUPPLY TEMPERATURE AT SETPOINT. DDC PANEL SHALL AUTOMATICALLY RESET THE HEATING WATER SUPPLY TEMPERATURE SETPOINT FROM 180 DEG. F. AT 20 DEG. F. OUTSIDE AIR TEMPERATURE AND BELOW TO 120 DEG. F AT 60 DEG. F OUTSIDE AIR TEMPERATURE AND ABOVE. DDC PANEL SHALL AUTOMATICALLY ALTERNATE THE BOILERS TO EQUALIZE WEAR.

CIRCULATING PUMP:

CIRCULATING PUMPS SHALL BE INTERLOCKED WITH THEIR ASSOCIATED BOILERS.



2 CHILLED WATER SYSTEM CONTROL DIAGRAM
NOT TO SCALE

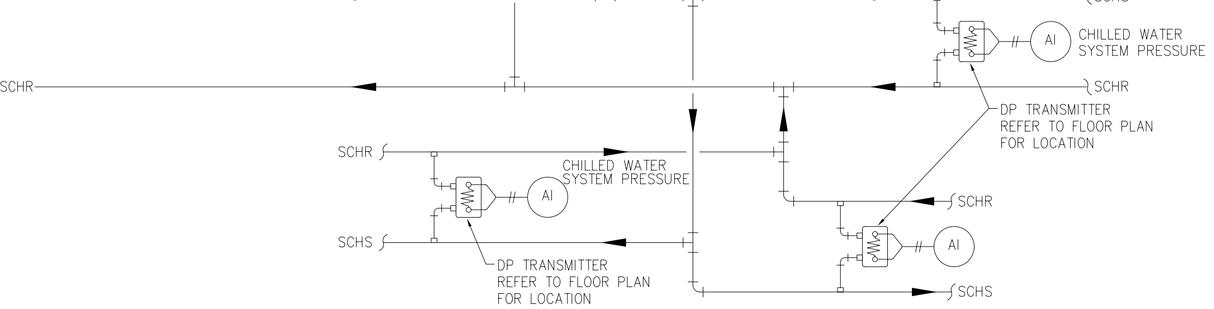
CHILLED WATER SYSTEM SEQUENCE OF OPERATION:

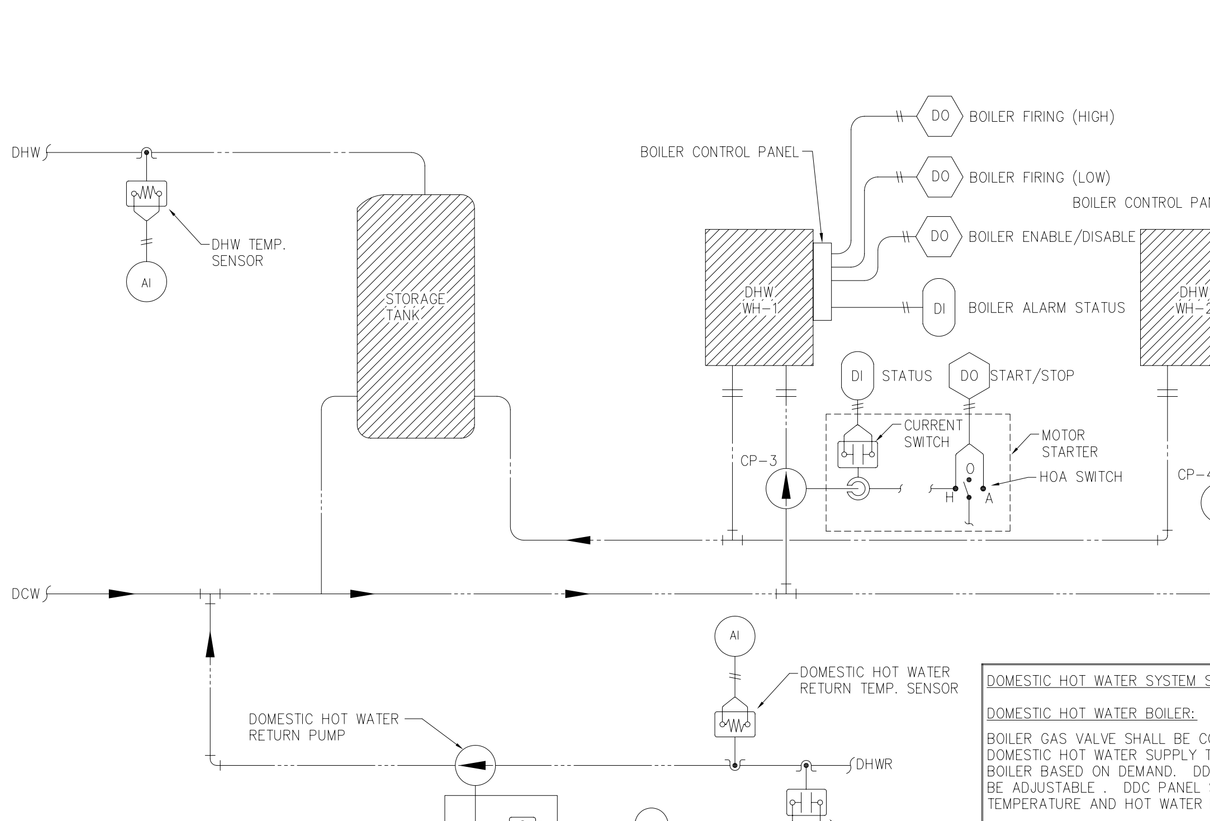
CHILLED WATER PUMPS:

CHILLED WATER PUMPS SHALL BE STARTED AND STOPPED BY DDC PANEL, IN A LEAD – STANDBY ARRANGEMENT. LEAD AND STANDBY PUMP SHALL BE AUTOMATICALLY ALTERNATED ON A REGULAR BASIS TO EQUALIZE WEAR. SCHP-2 SERVES AS A STANDBY PUMP FOR PRIMARY OR SECONDARY OPERATION IN THE EVENT THAT THE LEAD PUMP FAILS TO OPERATE, THE STANDBY PUMP SHALL BE AUTOMATICALLY STARTED. THE SECONDARY PUMP SPEED SHALL BE MODULATED AS REQUIRED TO MAINTAIN THE SYSTEM DIFFERENTIAL PRESSURE AT SETPOINT OF 5 PSIG (ADJUSTABLE). THE PRIMARY PUMP IS CONSTANT SPEED.

CHILLER NO. 1:

CHILLER SHALL BE ENABLED AND DISABLED BY DDC PANEL DIGITAL OUTPUTS BASED UPON WEEKLY SCHEDULE OR OPERATOR COMMAND. UPON A DECISION TO START CHILLER 1, THE BUILDING DDC PANEL SHALL START PCHP-1 AND SCHP-1, LEAVING WATER TEMPERATURE SHALL BE CONTROLLED BY CHILLER CONTROL PANEL. LEAVING CHILLED WATER TEMPERATURE SETPOINT SHALL BE ADJUSTABLE BY OPERATOR COMMAND THROUGH DDC PANEL ANALOG OUTPUT.





3 DOMESTIC HOT WATER SYSTEM CONTROL DIAGRAM
NOT TO SCALE

DOMESTIC HOT WATER SYSTEM SEQUENCE OF OPERATION:

DOMESTIC HOT WATER BOILER:

BOILER GAS VALVE SHALL BE CONTROLLED BY DDC PANEL AS REQUIRED TO MAINTAIN THE DOMESTIC HOT WATER SUPPLY TEMPERATURE AT SETPOINT. DDC PANEL SHALL START EACH BOILER BASED ON DEMAND. DDC PANEL SHALL ALTERNATE BOILER STARTS. SETPOINT SHALL BE ADJUSTABLE . DDC PANEL SHALL MONITOR DOMESTIC HOT WATER BOILER SUPPLY TEMPERATURE AND HOT WATER RETURN PUMP.

DOMESTIC HOT WATER RETURN PUMPS:

RETURN PUMP SHALL BE CYCLED BY LINE VOLTAGE AQUASTAT AS REQUIRED TO MAINTAIN THE DOMESTIC HOT WATER RETURN TEMPERATURE.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

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CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

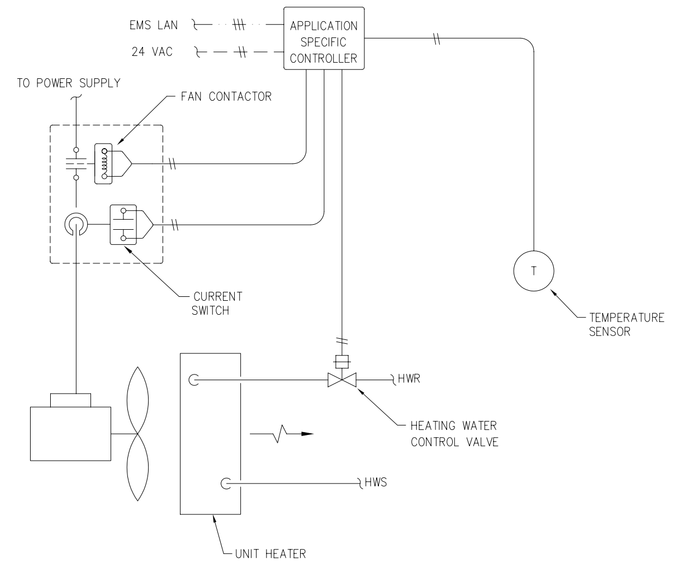
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
HVAC CONTROL DIAGRAMS
AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M16
SCALE: NONE	83 OF 108

FAN AND UNIT HEATER

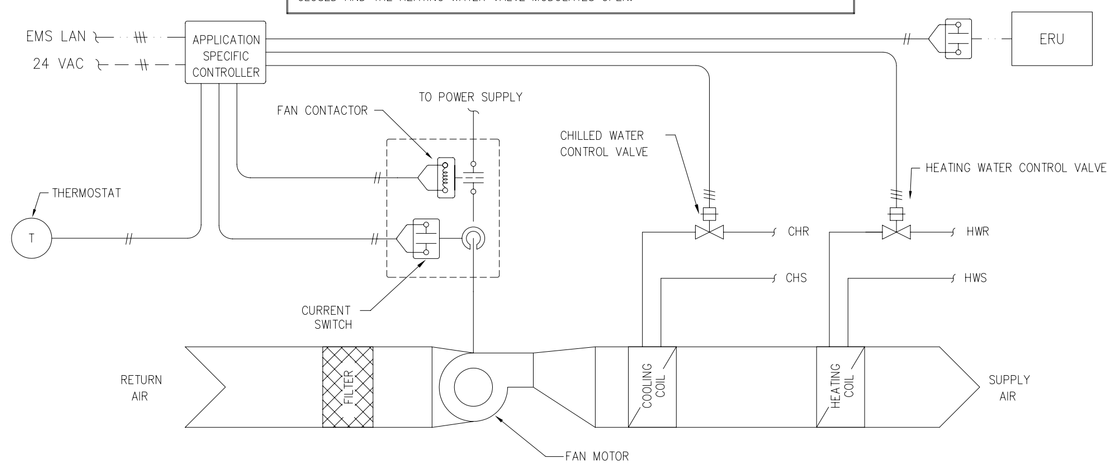
EXHAUST FAN SHALL BE STARTED AND STOPPED BY HOA SWITCH AT FAN MOTOR STARTER. WHEN SWITCH IS IN THE AUTO POSITION FAN SHALL BE STARTED AND STOPPED BY DDC PANEL THROUGH DIGITAL OUTPUT TO MAINTAIN SPACE TEMPERATURE BASED UPON WEEKLY SCHEDULE OR OPERATOR COMMAND.



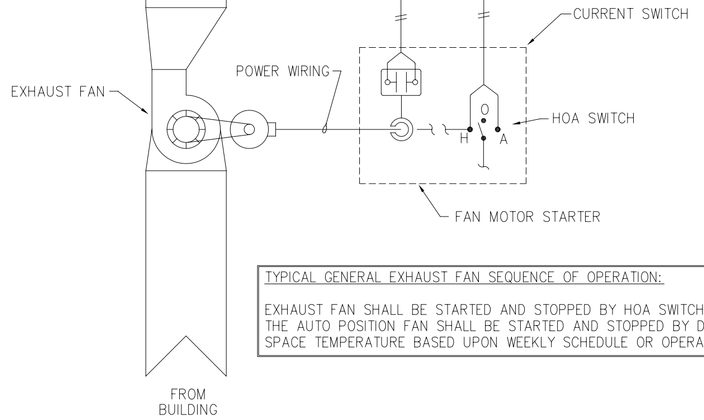
1 HEATING WATER UNIT HEATER CONTROL DIAGRAM
SCALE :NTS

TYPICAL 4-PIPE BLOWER COIL UNIT SEQUENCE OF OPERATION:

THE EMS SYSTEM ENABLES THE BLOWER COIL, ERU AND CONTROL VALVES. THE FAN SHALL RUN CONTINUOUSLY BASED ON OCCUPIED/UNOCCUPIED SCHEDULE OR OPERATOR COMMAND. HEATING WATER VALVE AND CHILLED WATER VALVE SHALL BE MODULATED IN SEQUENCE BY APPLICATION SPECIFIC CONTROLLER ANALOG OUTPUTS AS REQUIRED TO MAINTAIN THE SPACE TEMPERATURE AT SETPOINT. WHEN THE SPACE TEMPERATURE RISES ABOVE THE SETPOINT, THE HEATING VALVE MODULATES CLOSED AND THE CHILLED WATER VALVE MODULATES OPEN. WHEN THE SPACE TEMPERATURE DECREASES BELOW THE SETPOINT, THE CHILLED WATER VALVE MODULATES CLOSED AND THE HEATING WATER VALVE MODULATES OPEN.



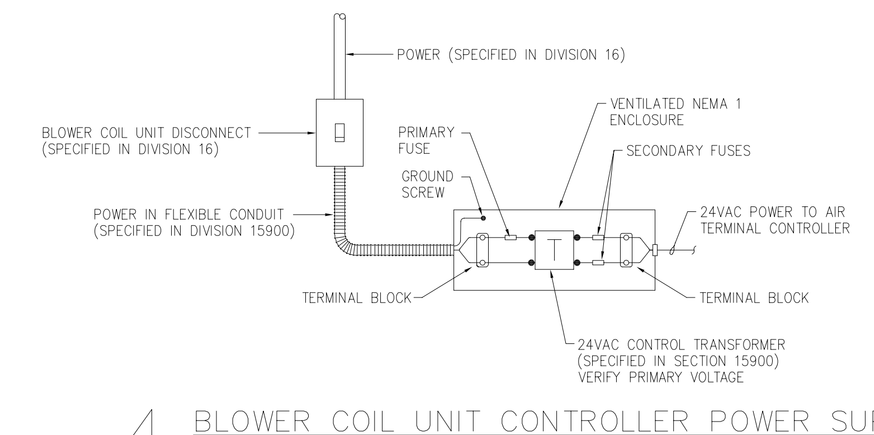
2 TYPICAL BLOWER COIL UNIT CONTROL DIAGRAM
SCALE :NTS



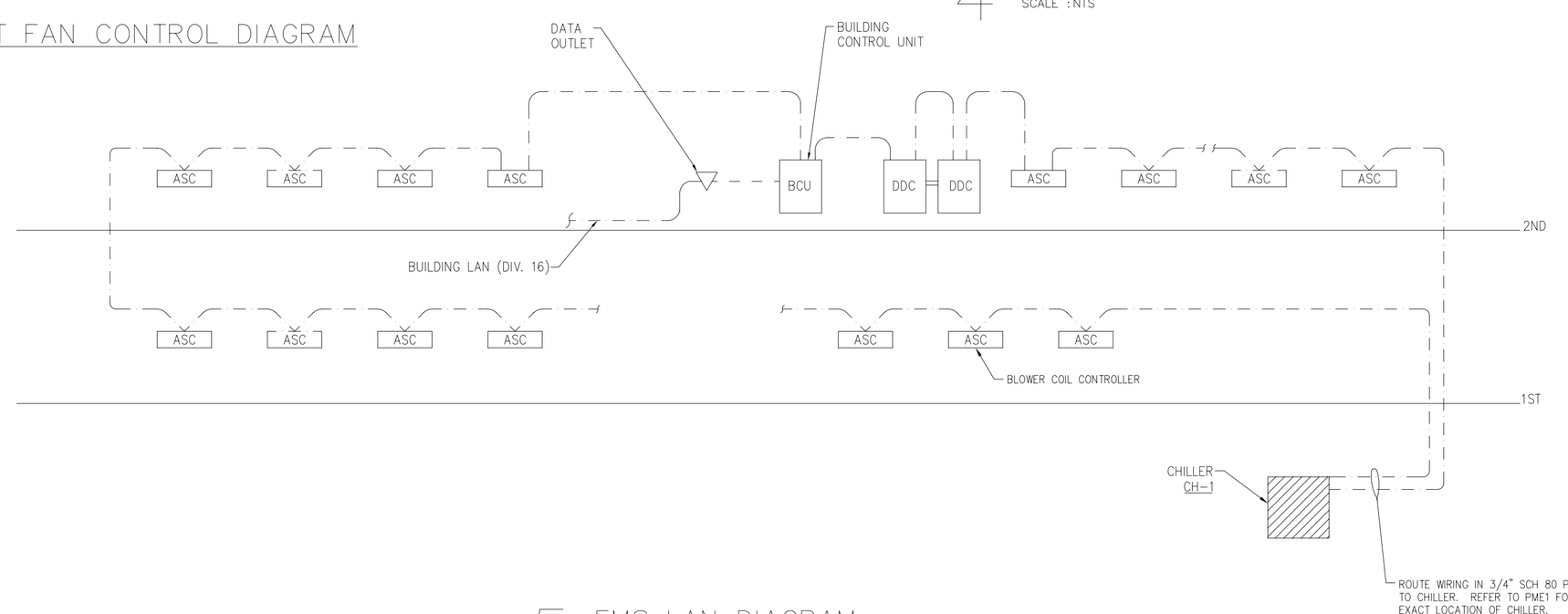
TYPICAL GENERAL EXHAUST FAN SEQUENCE OF OPERATION:

EXHAUST FAN SHALL BE STARTED AND STOPPED BY HOA SWITCH AT FAN MOTOR STARTER. WHEN SWITCH IS IN THE AUTO POSITION FAN SHALL BE STARTED AND STOPPED BY DDC PANEL THROUGH DIGITAL OUTPUT TO MAINTAIN SPACE TEMPERATURE BASED UPON WEEKLY SCHEDULE OR OPERATOR COMMAND.

3 GENERAL EXHAUST FAN CONTROL DIAGRAM
SCALE :NTS



4 BLOWER COIL UNIT CONTROLLER POWER SUPPLY DETAIL
SCALE :NTS



5 EMS LAN DIAGRAM
SCALE :

CONTROLS LEGEND

AI	ANALOG INPUT TO DDC PANEL
DI	DIGITAL INPUT TO DDC PANEL
DO	DIGITAL OUTPUT FROM DDC PANEL
AO	ANALOG OUTPUT FROM DDC PANEL
-------	24VAC
— — —	EMS TRUNK CABLING
— — —	EMS LAN CABLING
--FO--	FIBER OPTIC LAN CABLE
	ELECTRONIC ACTUATOR
ASC	APPLICATION SPECIFIC CONTROL
FEP	FIELD EQUIPMENT PANEL
DDC	DIRECT DIGITAL CONTROL

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
HVAC CONTROL DIAGRAMS
AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: M17
SCALE: NONE	84 OF 108

FAN COILS (4 PIPE)			FAN PERFORMANCE									CHILLED WATER COIL										HEATING WATER COIL									REMARKS
DESIGNATION	REFERENCE PRODUCT	TYPE	FAN AIR FLOW (SCFM)	FAN STATIC PRESSURE (INCHES W.G.) TOTAL	FAN STATIC PRESSURE (INCHES W.G.) EXTERNAL [1]	FAN SPEED (RPM)	FAN DRIVE	MOTOR BHP	MOTOR HP	VOLTAGE	PHASE	AIR FLOW (SCFM)	EAT (DB)	EAT (WB)	LAT (DB)	TOTAL MBH	EWT	LWT	ROWS	COIL WPD (FT. W.G.)	GPM	AIR FLOW (SCFM)	EAT (DB)	LAT (DB)	TOTAL MBH	EWT	LWT	ROWS	COIL WPD (FT. W.G.)	GPM	
FCU-1	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-2	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-3	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-4	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-5	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-6	MAGIC-AIRE 24RVA / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-7	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-8	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-9	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-10	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-11	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-12	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-13	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-14	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-15	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-16	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-17	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-18	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-19	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	600	1.20	1.0	1185	BELT	0.25	1/2	208	1	600	75	63	54.3	16.8	45	52.0	4	4.1	4.8	600	60	114.9	35.6	180	144.4	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-20	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-21	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-22	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-23	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-24	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-25	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-26	MAGIC-AIRE 36HW-4 / 36 HH-2	HORIZONTAL	1200	1.44	1.0	1504	BELT	0.62	3/4	208	1	1200	75	63	57.3	23.0	45	50.8	4	6.7	8.0	1200	60	102.4	55.0	180	143.3	2	1.1	3	FURNISH WITH 2" PLEATED FILTER
FCU-27	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-28	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-29	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-30	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-31	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-32	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-33	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-34	MAGIC-AIRE 36HW-4 / 36 HH-2	HORIZONTAL	1200	1.44	1.0	1504	BELT	0.62	3/4	208	1	1200	75	63	57.3	23.0	45	50.8	4	6.7	8.0	1200	60	102.4	55.0	180	143.3	2	1.1	3	FURNISH WITH 2" PLEATED FILTER
FCU-35	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-36	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	800	1.39	1.0	1377	BELT	0.39	1/2	208	1	800	75	63	57.3	18.3	45	51.1	4	5.7	6.0	800	60	102.1	36.4	180	143.6	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-37	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-38	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-39	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-40	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-41	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-42	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-43	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-44	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-45	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-46	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-47	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-48	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-49	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-50	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-51	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-52	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-53	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-54	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-55	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-56	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-57	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-58	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-59	MAGIC-AIRE 24RVW / 24 VH-2	VERTICAL	800	1.31	1.0	1221	BELT	0.33	1/2	208	1	800	75	63	56.5	19.1	45	53.0	4	4.1	4.8	800	60	106.9	40.5	180	139.5	2	1.5	2	FURNISH WITH 2" PLEATED FILTER
FCU-60	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-61	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-62	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.4	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-63	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-64	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-65	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	900	1.42	1.0	1277	BELT	0.40	3/4	208	1	900	75	63	54.2	25.4	45	52.1	4	5.8	7.2	900	60	107.8	46.5	180	149.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-66	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	800	1.39	1.0	1377	BELT	0.39	1/2	208	1	800	75	63	57.3	18.3	45	51.1	4	5.7	6.0	800	60	102.1	36.4	180	143.6	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-67	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-68	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-69	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-70	MAGIC-AIRE 36RVW / 36 VH-2	VERTICAL	1200	1.72	1.0	1443	BELT	0.71	3/4	208	1	1200	75	63	56.3	28.8	45	53.0	4	5.8	7.2	1200	60	100.5	52.5	180	145.0	2	3.4	3	FURNISH WITH 2" PLEATED FILTER
FCU-71	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-72	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-73	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-74	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER
FCU-75	MAGIC-AIRE 24HW-4 / 24 HH-2	HORIZONTAL	600	1.25	1.0	1347	BELT	0.30	1/2	208	1	600	75	63	55.1	16.2	45	50.4	4	5.7	6.0	600	60	109.7	32.2	180	147.8	2	1.3	2	FURNISH WITH 2" PLEATED FILTER

1 INCLUDES 0.5" W.G. DIRTY FILTER ALLOWANCE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

MECHANICAL SCHEDULES AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REV

AIR-COOLED WATER CHILLER

DESIGNATION	REFERENCE PRODUCT	TOTAL CAPACITY (TONS)	OPERATING WEIGHT (LBS)	REFRIGERANT TYPE	COMPRESSOR TYPE	No. OF COMPRESSORS	EVAPORATOR: WATER FLOW RATE (GPM)	EVAPORATOR: EWT / LWT (°F)	EVAPORATOR: PRESSURE DROP (FT. WATER)	CONDENSING: AIR TEMPERATURE (°F)	FOULING FACTOR	ELECTRICAL: TOTAL ENERGY (KW)	VOLTS / PHASE	FLA CKT-1	FLA CKT-2	MCA CKT-1	MCA CKT-2	MOP CKT-1	MOP CKT-2	EER AT FULL LOAD	REMARKS
CH-1	TRANE RTAA130	125	11,200	HCFC-22	ROTARY SCREW	2	300	55/45	16.0	105	0.00010	172.0	208/3	314	313	383	389	600	600	8.2	FURNISH W/ CONTROL POWER TRANSFORMER, EMCS INTERFACE (4-20 mA SETPOINT RESET), 15° LOW AMBIENT OPERATION, NEOPRENE ISOLATORS, CONDENSER COIL PROTECTION, AND TWO INDEPENDENT CIRCUITS.

BOILERS (HEATING WATER)

DESIGNATION	REFERENCE PRODUCT	LOCATION	TYPE	FUEL	NAT. GAS INPUT (MBH)	HEATING OUTPUT (MBH)	WATER FLOW RATE (GPM)	EWT / LWT (°F)	WATER PRESSURE DROP (PSI)	MINIMUM GAS PRESSURE (IN. WATER)	RELIEF VALVE SETTING (PSIG)	RATED PRESSURE (PSIG)	FLUE DIAMETER (IN.)	OPERATING WEIGHT (LBS)	ELECTRICAL: PUMP MOTOR (HP)	VOLTS/PHASE	CONTROLS (AMPS/VOLTS)	REMARKS
B-1	RAYPAK TYPE H	MECHANICAL ROOM	ATMOSPHERIC COPPER TUBE	NATURAL GAS	1223	1002	50	140.0/180.0	3.9	7	60	160	16	900	1/2	120/1	5 / 120	FURNISH BOILER WITH CONTROL PANEL, EMCS INTERFACE, (4-20Ma SETPOINT RESET), DRAFT HOOD, RELIEF VALVE, GAS PRESSURE REGULATOR, AND ELECTRONC FLAME SAFEGUARD.
B-2	RAYPAK TYPE H	MECHANICAL ROOM	ATMOSPHERIC COPPER TUBE	NATURAL GAS	1223	1002	50	140.0/180.0	3.9	7	60	160	16	900	1/2	120/1	5 / 120	

WATER HEATERS

DESIGNATION	REFERENCE PRODUCT	LOCATION	TYPE	FUEL	NAT. GAS INPUT (MBH)	HEATING OUTPUT (MBH)	WATER FLOW RATE (GPM)	EWT / LWT (°F)	WATER PRESSURE DROP (PSI)	MINIMUM GAS PRESSURE (IN. WATER)	RELIEF VALVE SETTING (PSIG)	RATED PRESSURE (PSIG)	FLUE DIAMETER (IN.)	OPERATING WEIGHT (LBS)	ELECTRICAL: PUMP MOTOR (HP)	VOLTS/PHASE	CONTROLS (AMPS/VOLTS)	REMARKS
WH-1	RAYPAK TYPE W	MECHANICAL ROOM	ATMOSPHERIC COPPER TUBE	NATURAL GAS	1223	1002	50	80.0/120.0	3.9	7	125	160	16	900	1/2	120/1	5 / 120	FURNISH EACH WATER HEATER WITH CONTROL PANEL, EMCS INTERFACE, (4-20Ma SETPOINT RESET), DRAFT HOOD, RELIEF VALVE, GAS PRESSURE REGULATOR AND ELECTRONIC FLAME SAFEGUARD.
WH-2	RAYPAK TYPE W	MECHANICAL ROOM	ATMOSPHERIC COPPER TUBE	NATURAL GAS	1223	1002	50	80.0/120.0	3.9	7	125	160	16	900	1/2	120/1	5 / 120	

PUMPS

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	WATER FLOW RATE (GPM)	TOTAL HEAD (FT. WATER)	ROTATION (RPM)	EFFICIENCY (%)	MOTOR SIZE: BHP	MOTOR SIZE: MHP	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	REMARKS
CP-1	GROUND FOS UPS40-80/4	MECHANICAL ROOM	BOILER B-1	IN-LINE CENTRIFUGAL	50	18	–	46	1/2	1/2	120	1	CAST IRON CONSTRUCTION
CP-2	GROUND FOS UPS40-80/4	MECHANICAL ROOM	BOILER B-2	IN-LINE CENTRIFUGAL	50	18	–	46	1/2	1/2	120	1	CAST IRON CONSTRUCTION
PCHP-1	ARMSTRONG 4300 5x5x8	MECHANICAL ROOM	PRIMARY CHILLED WATER	VERTICAL IN-LINE	300	50	1750	75	5.1	7.5	208	3	
SCHP-1	ARMSTRONG 4300 4x4x10	MECHANICAL ROOM	SECONDARY CHILLED WATER	VERTICAL IN-LINE	300	80	1750	71	8.5	10	208	3	
SCHP-2	ARMSTRONG 4300 4x4x10	MECHANICAL ROOM	SECONDARY CHILLED WATER	VERTICAL IN-LINE	300	80	1750	71	8.5	10	208	3	
HWP-1	ARMSTRONG 4300 3x3x10	MECHANICAL ROOM	HEATING WATER	VERTICAL IN-LINE	80	80	1750	54	3.0	5	208	3	
HWP-2	ARMSTRONG 4300 3x3x10	MECHANICAL ROOM	HEATING WATER	VERTICAL IN-LINE	80	80	1750	54	3.0	5	208	3	
CP-3	GROUND FOS UPS40-80/4	MECHANICAL ROOM	WATER HEATER WH-1	IN-LINE CENTRIFUGAL	50	18	–	46	1/2	1/2	120	1	ALL BRONZE CONSTRUCTION
CP-4	GROUND FOS UPS40-80/4	MECHANICAL ROOM	WATER HEATER WH-2	IN-LINE CENTRIFUGAL	50	18	–	46	1/2	1/2	120	1	ALL BRONZE CONSTRUCTION
HW/R P-1	GROUND FOS UP26-99	MECHANICAL ROOM	DOMESTIC HOT WATER RETURN	IN-LINE CENTRIFUGAL	6	28	–	–	–	1/6	120	1	ALL STAINLESS STEEL CONSTRUCTION

VARIABLE FREQUENCY DRIVES*

DESIGNATION	REFERENCE PRODUCT	LOCATION	SERVES	TYPE	APPLICATION	RATED HORSEPOWER	EFFICIENCY (%)	VOLTS	PHASE	MAX. OUTPUT CURRENT (AMPS)	REMARKS
VFD-SCHP1	ABB	MECHANICAL ROOM	SCHP-1	PWM	VARIABLE TORQUE	10	–	208	3	–	FURNISH W/ MANUAL BYPASS, INPUT DISCONNECT SWITCH, INPUT LINE REACTORS, AND EMCS INTERFACE
VFD-SCHP2	ABB	MECHANICAL ROOM	SCHP-2	PWM	VARIABLE TORQUE	10	–	208	3	–	FURNISH W/ MANUAL BYPASS, INPUT DISCONNECT SWITCH, INPUT LINE REACTORS, AND EMCS INTERFACE
VFD-HWP1	ABB	MECHANICAL ROOM	HWP-1	PWM	VARIABLE TORQUE	5	–	208	3	–	FURNISH W/ MANUAL BYPASS, INPUT DISCONNECT SWITCH, INPUT LINE REACTORS, AND EMCS INTERFACE
VFD-HWP2	ABB	MECHANICAL ROOM	HWP-2	PWM	VARIABLE TORQUE	5	–	208	3	–	FURNISH W/ MANUAL BYPASS, INPUT DISCONNECT SWITCH, INPUT LINE REACTORS, AND EMCS INTERFACE

*VARIABLE FREQUENCY DRIVES ARE SPECIFIED IN SECTION 15900

EXPANSION TANKS

DESIGNATION	REFERENCE PRODUCT	SERVES	TYPE	SYSTEM VOLUME (GAL)	MINIMUM TEMPERATURE (°F)	MAXIMUM TEMPERATURE (°F)	INITIAL TANK AIR PRESSURE (PSIG)	MAXIMUM PRESSURE (PSIG)	MINIMUM TANK SIZE (GAL)	MINIMUM ACCEPTANCE (GAL)	TANK DIAMETER (IN.)	TANK LENGTH (IN.)	REMARKS
ET-1	WHEATLEY WFA-140	CHILLED WATER	EXPANSION (DIAPHRAGM)	2000	40	100	12	75	37	37	20	40	FULL ACCEPTANCE
ET-2	WHEATLEY WFA-215	HEATING WATER	EXPANSION (DIAPHRAGM)	1000	40	180	12	75	57	57	20	54	FULL ACCEPTANCE
ET-3	AMTROL ST-25V	DOMESTIC HOT WATER	EXPANSION (DIAPHRAGM)	600	40	140	75	125	10	10	16	19	FULL ACCEPTANCE (NSF APPROVED)

STORAGE TANKS

DESIGNATION	REFERENCE PRODUCT	SERVES	TYPE	SYSTEM VOLUME (GAL)	MINIMUM TEMPERATURE (°F)	MAXIMUM TEMPERATURE (°F)	INITIAL TANK AIR PRESSURE (PSIG)	MAXIMUM PRESSURE (PSIG)	MINIMUM TANK SIZE (GAL)	MINIMUM ACCEPTANCE (GAL)	TANK DIAMETER (IN.)	TANK LENGTH (IN.)	REMARKS
ST-1	RAYPAK	WH-1 & 2	LINED STEEL	X	X	X	X	150	115	X	28*	60*	FURNISH WITH OPENINGS AS DETAILED ON SHEET P7

* INCLUDES INSULATED JACKET

EXHAUST FAN

DESIGNATION	REFERENCE PRODUCT	TYPE	SERVES	AIR FLOW RATE (CFM)	TOTAL STATIC PRESSURE (IN. WATER)	ROTATION (RPM)	DRIVE	SONES	MOTOR SIZE: WATTS	MOTOR SIZE: MHP	ELECTRICAL: VOLTS	ELECTRICAL: PHASE	REMARKS
EF-1 THRU EF-5	ACME VQL100	INLINE CENTRIFUGAL	GENERAL EXHAUST	100	0.25	650	DIRECT	1.3	87	–	120	1	
EF-6	ACME FQ18E6	WALL MTD. PROPELLER	MECHANICAL ROOM	2500	0.25	1158	BELT	7.7	0.24	1/4	120	1	FURNISH WITH BACK GUARD, WALL COLLAR, SOLID STATE SPEED CONTROLLER, AND MOTORIZED WALL SHUTTER.

UNIT HEATERS – (HOT WATER)

DESIGNATION	REFERENCE PRODUCT	SERVES	HEATING CAPACITY (MBH)	AIR FLOW RATE (CFM)	AIR EDB / LDB (°F)	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT. WATER)	EWT / LWT (°F)	ROTATION (RPM)	MOTOR SIZE (MHP)	ELECTRICAL: VOLTS/PHASE	REMARKS
UH-1	TRANE UHSA 090W	MECHANICAL ROOM	36.7	1214	60 / 88	2.52	0.19	180/150	1550	1/8	120 / 1	

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
	NEW EQUIPMENT
PCHS	PRIMARY CHILLED WATER SUPPLY
PCHR	PRIMARY CHILLED WATER RETURN
SCHS	SECONDARY CHILLED WATER SUPPLY
SCHR	SECONDARY CHILLED WATER RETURN
HWS	HEATING WATER SUPPLY
HWR	HEATING WATER RETURN
D	CONDENSATE DRAIN
	BALL VALVE
	BUTTERFLY VALVE
	GATE VALVE
	GLOBE VALVE
	CHECK VALVE (SWING CHECK)
	CHECK VALVE (BUTTERFLY CHECK)
	STRAINER W/ DRAIN VALVE
	UNION
	CONTROL VALVE (2-WAY) ELECTRIC OR ELECTRONIC
	FLEXIBLE PIPE CONNECTOR
A H	AIR VENT (A – AUTO, H – HAND)
	PRESSURE AND TEMPERATURE TAP
	PRESSURE GAUGE
	PRESSURE GAUGE W/ SIPHON
	THERMOMETER W/ SEP. WELL
	ANCHOR
	PIPE GUIDE
	FLANGE
	VALVE AT RISER
	ELBOW, TURNED UP
	ELBOW, TURNED DOWN
	RISE OR DROP IN PIPE
	TEE, SIDE CONNECTION
	TEE, OUTLET UP
	TEE, OUTLET DOWN
	CAPPED OUTLET
	CAPPED PIPE
	CONCENTRIC REDUCER
	ECCENTRIC REDUCER
	DIRECTION OF PITCH
TFD	PIPE TO FLOOR DRAIN

SYMBOL	DESCRIPTION
	ELL WITH TURNING VANES
	STREAMLINE TAP
	CONICAL TAP
	MANUAL VOLUME DAMPER
	CONTROL DAMPER
	FIRE DAMPER (FD)
20/12	RECTANGULAR DUCT (WIDTH/DEPTH)
	ROUND DUCT OFFSET
R	CHANGE IN ELEVATION (R – RISE, F – FALL)
	FLEXIBLE DUCT
	SUPPLY DUCT UP
	RETURN DUCT UP
	EXHAUST DUCT UP
	SUPPLY DUCT DOWN
	RETURN DUCT DOWN
	EXHAUST DUCT DOWN
	CEILING DIFFUSER
	RETURN AIR GRILLE
	EXHAUST AIR GRILLE
AP	ACCESS PANEL
AP	ACCESS PANEL IN ROUND OR OVAL DUCT
X|X X	TYPE – THROW | SUPPLY AIR CFM | DEVICE
X X	TYPE | RETURN/EXHAUST CFM | AIR DEVICE
T	THERMOSTAT
SA	SUPPLY AIR DUCT
RA	RETURN AIR DUCT
EH	EXHAUST AIR DUCT
OBD	OPPOSED BLADE DAMPER
CFM	CUBIC FEET PER MINUTE
Φ	ROUND DIAMETER

SYMBOL	DESCRIPTION
	SANITARY SEWER (SS)
	SANITARY VENT (V)
SD	STORM DRAIN
	COLD WATER (CW)
	HOT WATER (HW)
	HOT WATER RETURN (HWR)
G	EQUIPMENT NATURAL GAS
F	FIRE PROTECTION PIPING
D	FIRE PROTECTION DRAIN
	SPRINKLER HEAD
	PRESSURE REDUCING VALVE
P-1	PLUMBING FIXTURE DESIGNATION
FD	FLOOR DRAIN
RD	ROOF DRAIN
VTR	VENT THRU ROOF
CO	CLEANOUT PLUG
FCO	FLOOR CLEANOUT
WCO	WALL CLEANOUT
COTG	CLEANOUT TO GRADE
2-WAY COTG	TWO WAY CLEANOUT TO GRADE
1 / P7	RISER DESIGNATION / SHEET NUMBER

ENERGY RECOVERY UNIT

DESIGNATION		ERU-5, 6, 7, 9, 11, 13, 14 16, 18, 19, 20, 22, 30, 45 46, 47, 49, 51, 52, 53, 54 56, 58, 59, 60, 62	ERU-1, 2, 3, 4, 8, 10, 12, 15 17, 21, 23, 24, 25, 41, 42 43, 44, 48, 50, 55, 57, 61, 63, 64, 65, 67, 70, 76	ERU-26, 27, 28, 29, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 66, 67, 68, 69, 71, 72, 73, 74, 75, 76
MANUFACTURER/MODEL		BROAN ERV100HC	BROAN ERV100HC	NOT USED
CASING INSULATION		THERMAL ACOUSTIC	THERMAL ACOUSTIC	
TYPE		ENTHALPIC CORE	ENTHALPIC CORE	
MAXIMUM UNIT LENGTH (INCHES)		30	30	
MAXIMUM UNIT WIDTH (INCHES)		20	20	
MAXIMUM UNIT HEIGHT (INCHES, INCLUDES BASE RAIL)		14	14	
SERVES		GENERAL EXHAUST	GENERAL EXHAUST	
SHIPPING SPLITS		NONE	NONE	
TOTAL OSA FLOW (SCFM)		100	125	
SPACE VENTILATION AIR FLOW (SCFM)		100	125	
PURGE AIR FLOW (SCFM)		0	0	
SPACE EXHAUST AIR FLOW (SCFM)		100	125	
TOTAL EXHAUST AIR FLOW (SCFM)		100	125	
SUMMER CONDITIONS	OSA EDB/EWB (°F)	99/76	99/76	
	VENTILATION AIR LDB/LWB (°F)	87/70	87/70	
	SPACE EXHAUST AIR EDB/EWB (°F)	72/60	72/60	
	ENERGY RECOVERY (MBH)	2.6	3.3	
	SENSIBLE EFFECTIVENESS (%)	45	45	
	LATENT EFFECTIVENESS (%)	45	45	
WINTER CONDITIONS	OSA EDB/EWB (°F)	15/12	15/12	
	VENTILATION AIR LDB/LWB (°F)	55/41	55/41	
	SPACE EXHAUST AIR EDB/EWB (°F)	70/53	70/53	
	ENERGY RECOVERY (MBH)	4.3	5.4	
	SENSIBLE EFFECTIVENESS (%)	81	81	
	LATENT EFFECTIVENESS (%)	41	41	
VENTILATION FAN	AIR FLOW (CFM)	100	125	
	EXTERNAL STATIC PRESSURE (INCHES WG)	0.6	0.6	
	FAN RPM	1113	1179	
EXHAUST FAN	AIR FLOW (CFM)	100	125	
	EXTERNAL STATIC PRESSURE (INCHES WG)	0.6	0.6	
	FAN RPM	1113	1179	
ELECTRICAL	VOLTS	120	120	
	PHASE	1	1	
	AMPS	1.3	1.3	
REMARKS:		FURNISH WITH BLOWER INTERLOCK AND FILTERS.		

AIR EDUCATION & TRAINING COMMAND

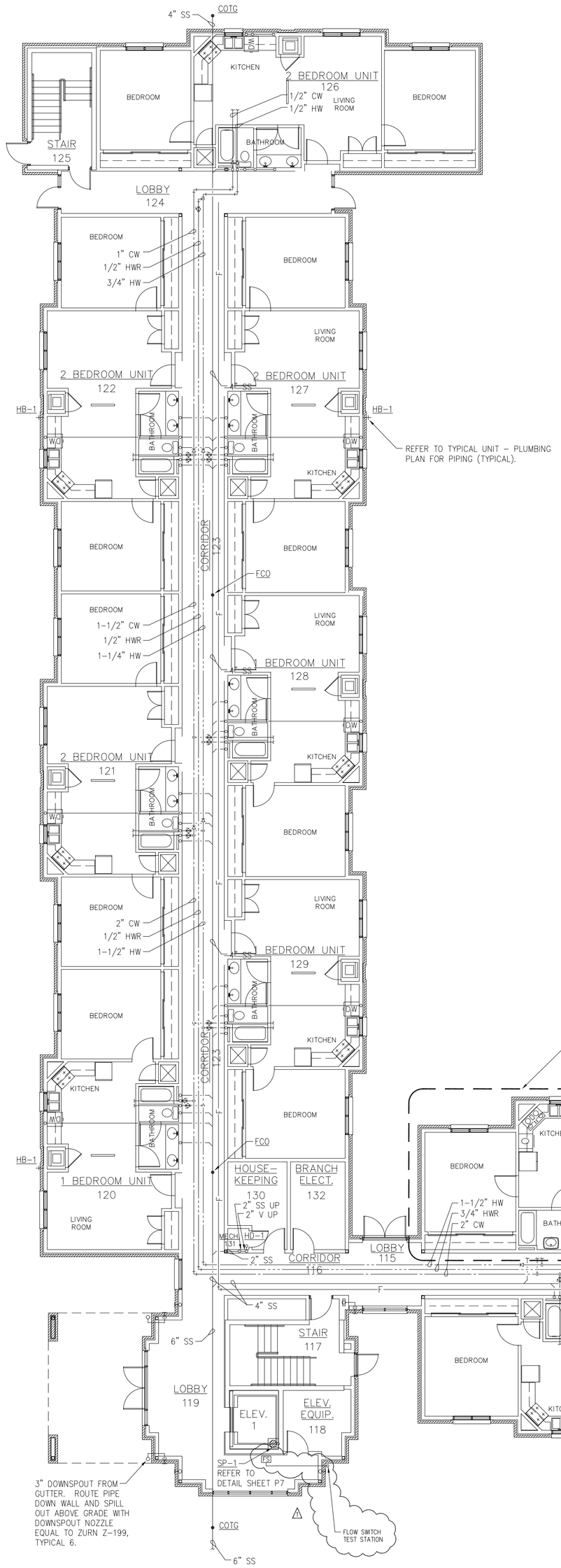
LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

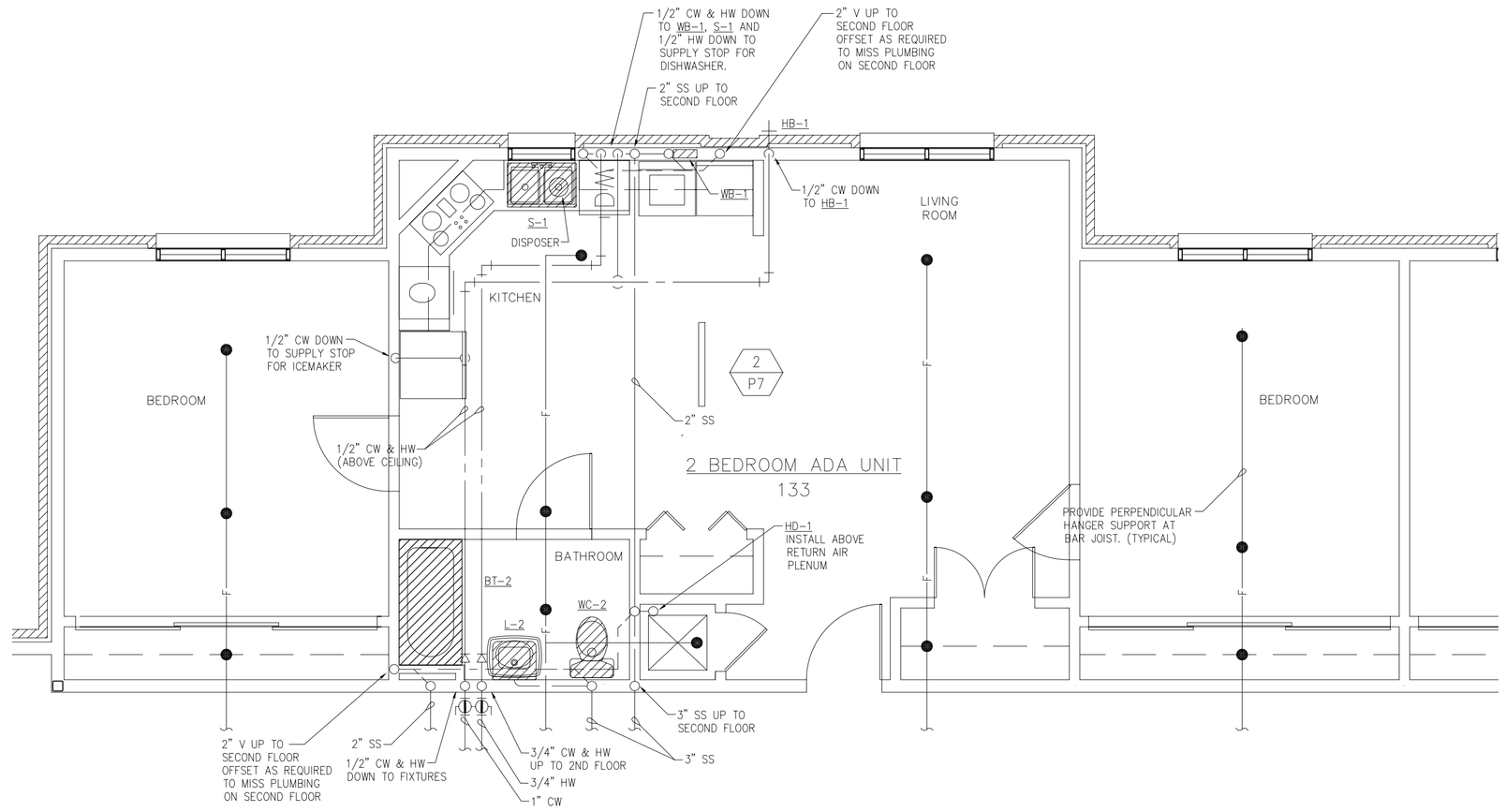
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
MECHANICAL SCHEDULES AND LEGEND
AS-BUILT

DRAWN BY: TNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: TNS	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: MP19
SCALE: NONE	86 OF 108



1 PARTIAL FIRST FLOOR PLUMBING PLAN – WEST WING
SCALE :3/32"=1'-0"



2 ENLARGED PLAN AT ADA UNIT – PLUMBING
SCALE :1/4"=1'-0"

LEGEND

- PENDANT TYPE SPRINKLER HEAD
- UPRIGHT TYPE SPRINKLER HEAD
- SIDEWALL TYPE SPRINKLER HEAD
- F — FIRE LINE
- TS — TAMPER SWITCH
- FS — FLOW SWITCH

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Added fire sprinkler test lines & flow switch test stations			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR PLUMBING PLAN

AS-BUILT

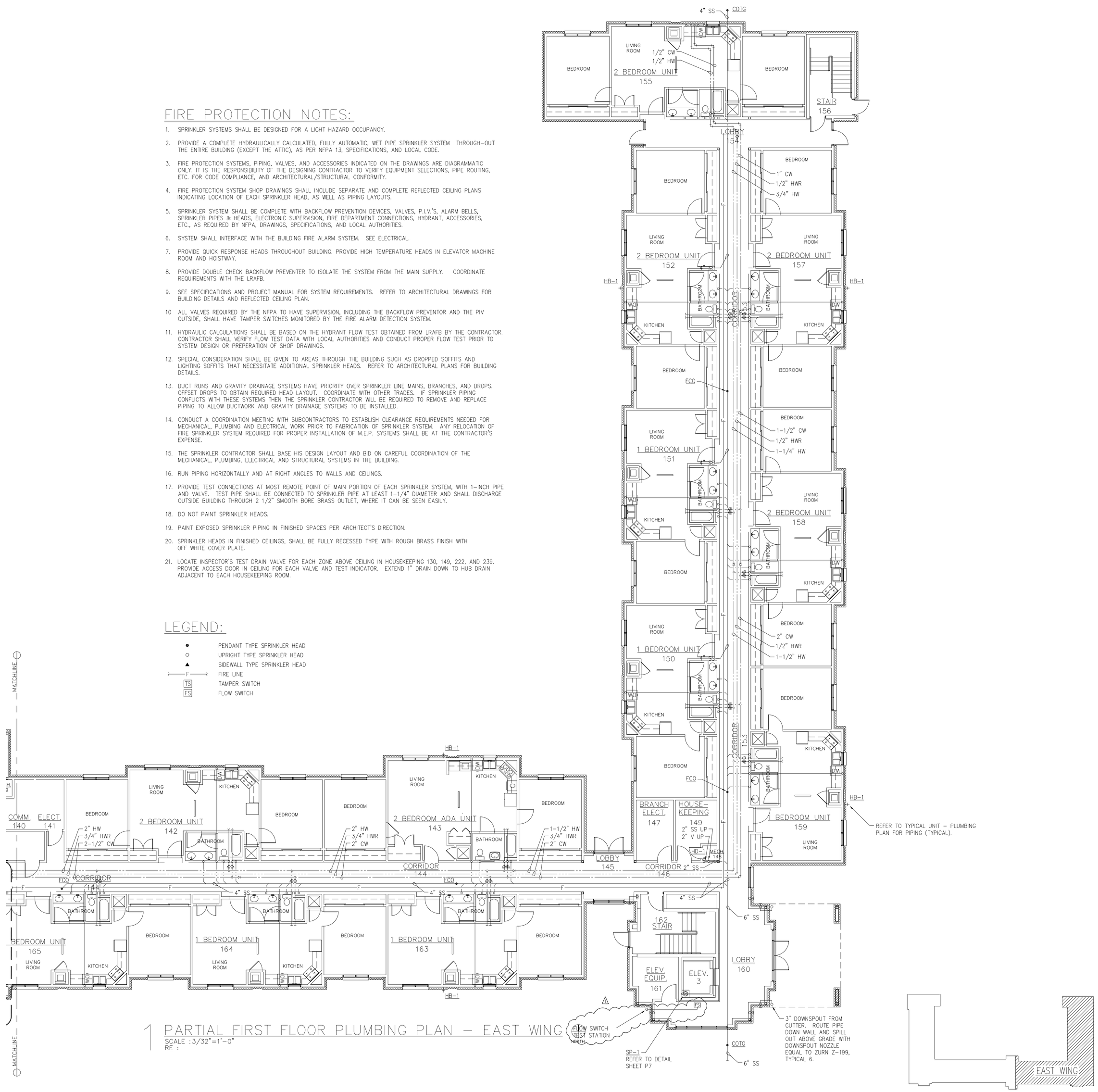
DRAWN BY: PNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: LSK	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: P2
SCALE: AS NOTED	87 OF 108

FIRE PROTECTION NOTES:

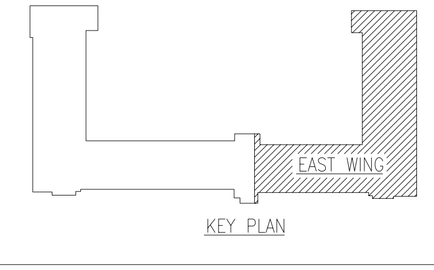
1. SPRINKLER SYSTEMS SHALL BE DESIGNED FOR A LIGHT HAZARD OCCUPANCY.
2. PROVIDE A COMPLETE HYDRAULICALLY CALCULATED, FULLY AUTOMATIC, WET PIPE SPRINKLER SYSTEM THROUGH-OUT THE ENTIRE BUILDING (EXCEPT THE ATTIC), AS PER NFPA 13, SPECIFICATIONS, AND LOCAL CODE.
3. FIRE PROTECTION SYSTEMS, PIPING, VALVES, AND ACCESSORIES INDICATED ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. IT IS THE RESPONSIBILITY OF THE DESIGNING CONTRACTOR TO VERIFY EQUIPMENT SELECTIONS, PIPE ROUTING, ETC. FOR CODE COMPLIANCE, AND ARCHITECTURAL/STRUCTURAL CONFORMITY.
4. FIRE PROTECTION SYSTEM SHOP DRAWINGS SHALL INCLUDE SEPARATE AND COMPLETE REFLECTED CEILING PLANS INDICATING LOCATION OF EACH SPRINKLER HEAD, AS WELL AS PIPING LAYOUTS.
5. SPRINKLER SYSTEM SHALL BE COMPLETE WITH BACKFLOW PREVENTION DEVICES, VALVES, P.I.V.'S, ALARM BELLS, SPRINKLER PIPES & HEADS, ELECTRONIC SUPERVISION, FIRE DEPARTMENT CONNECTIONS, HYDRANT, ACCESSORIES, ETC., AS REQUIRED BY NFPA, DRAWINGS, SPECIFICATIONS, AND LOCAL AUTHORITIES.
6. SYSTEM SHALL INTERFACE WITH THE BUILDING FIRE ALARM SYSTEM. SEE ELECTRICAL.
7. PROVIDE QUICK RESPONSE HEADS THROUGHOUT BUILDING. PROVIDE HIGH TEMPERATURE HEADS IN ELEVATOR MACHINE ROOM AND HOISTWAY.
8. PROVIDE DOUBLE CHECK BACKFLOW PREVENTER TO ISOLATE THE SYSTEM FROM THE MAIN SUPPLY. COORDINATE REQUIREMENTS WITH THE LRAFB.
9. SEE SPECIFICATIONS AND PROJECT MANUAL FOR SYSTEM REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING DETAILS AND REFLECTED CEILING PLAN.
10. ALL VALVES REQUIRED BY THE NFPA TO HAVE SUPERVISION, INCLUDING THE BACKFLOW PREVENTOR AND THE PIV OUTSIDE, SHALL HAVE TAMPER SWITCHES MONITORED BY THE FIRE ALARM DETECTION SYSTEM.
11. HYDRAULIC CALCULATIONS SHALL BE BASED ON THE HYDRANT FLOW TEST OBTAINED FROM LRAFB BY THE CONTRACTOR. CONTRACTOR SHALL VERIFY FLOW TEST DATA WITH LOCAL AUTHORITIES AND CONDUCT PROPER FLOW TEST PRIOR TO SYSTEM DESIGN OR PREPERATION OF SHOP DRAWINGS.
12. SPECIAL CONSIDERATION SHALL BE GIVEN TO AREAS THROUGH THE BUILDING SUCH AS DROPPED SOFFITS AND LIGHTING SOFFITS THAT NECESSITATE ADDITIONAL SPRINKLER HEADS. REFER TO ARCHITECTURAL PLANS FOR BUILDING DETAILS.
13. DUCT RUNS AND GRAVITY DRAINAGE SYSTEMS HAVE PRIORITY OVER SPRINKLER LINE MAINS, BRANCHES, AND DROPS. OFFSET DROPS TO OBTAIN REQUIRED HEAD LAYOUT. COORDINATE WITH OTHER TRADES. IF SPRINKLER PIPING CONFLICTS WITH THESE SYSTEMS THEN THE SPRINKLER CONTRACTOR WILL BE REQUIRED TO REMOVE AND REPLACE PIPING TO ALLOW DUCTWORK AND GRAVITY DRAINAGE SYSTEMS TO BE INSTALLED.
14. CONDUCT A COORDINATION MEETING WITH SUBCONTRACTORS TO ESTABLISH CLEARANCE REQUIREMENTS NEEDED FOR MECHANICAL, PLUMBING AND ELECTRICAL WORK PRIOR TO FABRICATION OF SPRINKLER SYSTEM. ANY RELOCATION OF FIRE SPRINKLER SYSTEM REQUIRED FOR PROPER INSTALLATION OF M.E.P. SYSTEMS SHALL BE AT THE CONTRACTOR'S EXPENSE.
15. THE SPRINKLER CONTRACTOR SHALL BASE HIS DESIGN LAYOUT AND BID ON CAREFUL COORDINATION OF THE MECHANICAL, PLUMBING, ELECTRICAL AND STRUCTURAL SYSTEMS IN THE BUILDING.
16. RUN PIPING HORIZONTALLY AND AT RIGHT ANGLES TO WALLS AND CEILINGS.
17. PROVIDE TEST CONNECTIONS AT MOST REMOTE POINT OF MAIN PORTION OF EACH SPRINKLER SYSTEM, WITH 1-INCH PIPE AND VALVE. TEST PIPE SHALL BE CONNECTED TO SPRINKLER PIPE AT LEAST 1-1/4" DIAMETER AND SHALL DISCHARGE OUTSIDE BUILDING THROUGH 2 1/2" SMOOTH BORE BRASS OUTLET, WHERE IT CAN BE SEEN EASILY.
18. DO NOT PAINT SPRINKLER HEADS.
19. PAINT EXPOSED SPRINKLER PIPING IN FINISHED SPACES PER ARCHITECT'S DIRECTION.
20. SPRINKLER HEADS IN FINISHED CEILINGS, SHALL BE FULLY RECESSED TYPE WITH ROUGH BRASS FINISH WITH OFF WHITE COVER PLATE.
21. LOCATE INSPECTOR'S TEST DRAIN VALVE FOR EACH ZONE ABOVE CEILING IN HOUSEKEEPING 130, 149, 222, AND 239. PROVIDE ACCESS DOOR IN CEILING FOR EACH VALVE AND TEST INDICATOR. EXTEND 1" DRAIN DOWN TO HUB DRAIN ADJACENT TO EACH HOUSEKEEPING ROOM.

LEGEND:

- ● PENDANT TYPE SPRINKLER HEAD
- ○ UPRIGHT TYPE SPRINKLER HEAD
- ▲ SIDEWALL TYPE SPRINKLER HEAD
- F FIRE LINE
- TS TAMPER SWITCH
- FS FLOW SWITCH



1 PARTIAL FIRST FLOOR PLUMBING PLAN - EAST WING
SCALE :3/32"=1'-0"
RE :



KEY PLAN

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Added fire sprinkler test lines & flow switch test stations			

PROJECT TITLE

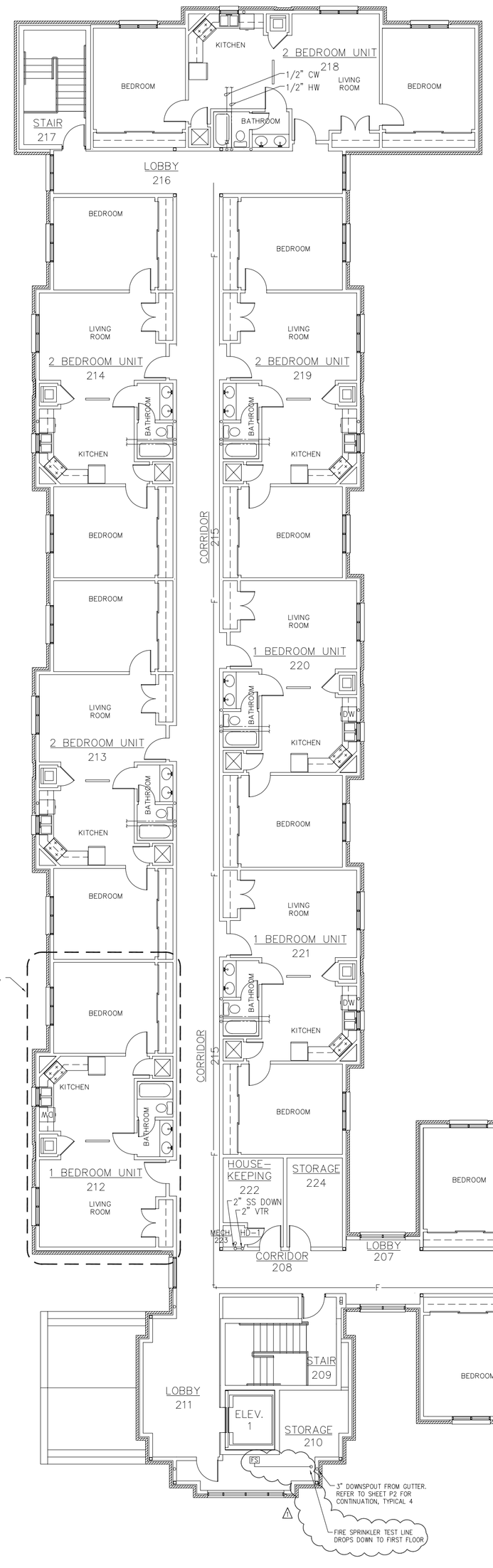
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR PLUMBING PLAN

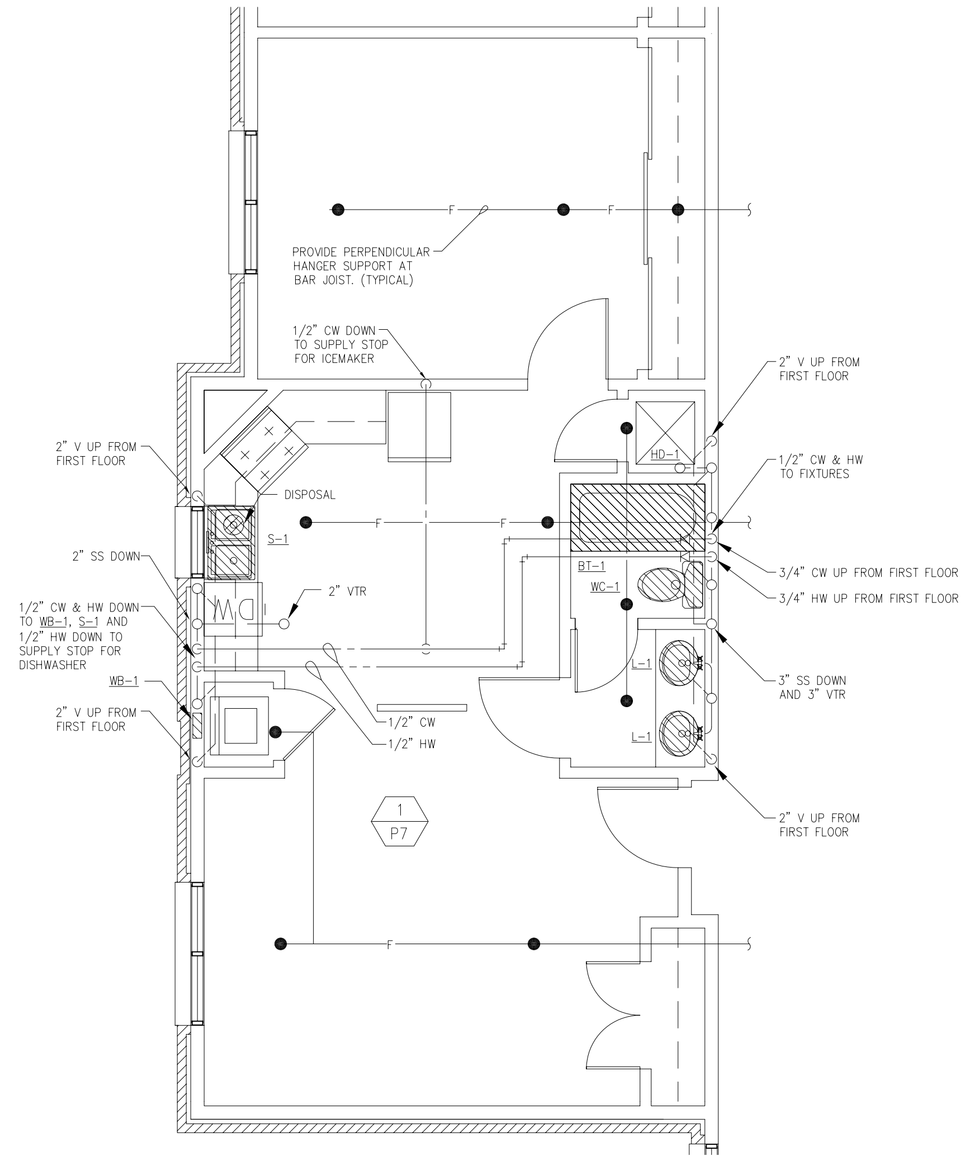
AS-BUILT

DRAWN BY: PNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: LSK	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: P3
SCALE: 3/32"=1'-0"	88 OF 108



1 PARTIAL SECOND FLOOR PLUMBING PLAN – WEST WING
SCALE :3/32"=1'-0"
RE :

NORTH



2 ENLARGED PLAN AT 1 BEDROOM UNIT – PLUMBING
SCALE :1/4"=1'-0"

LEGEND

- PENDANT TYPE SPRINKLER HEAD
- UPRIGHT TYPE SPRINKLER HEAD
- SIDEWALL TYPE SPRINKLER HEAD
- F — FIRE LINE
- TS — TAMPER SWITCH
- FS — FLOW SWITCH

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Added Fire Sprinkler Test Lines locations			

PROJECT TITLE

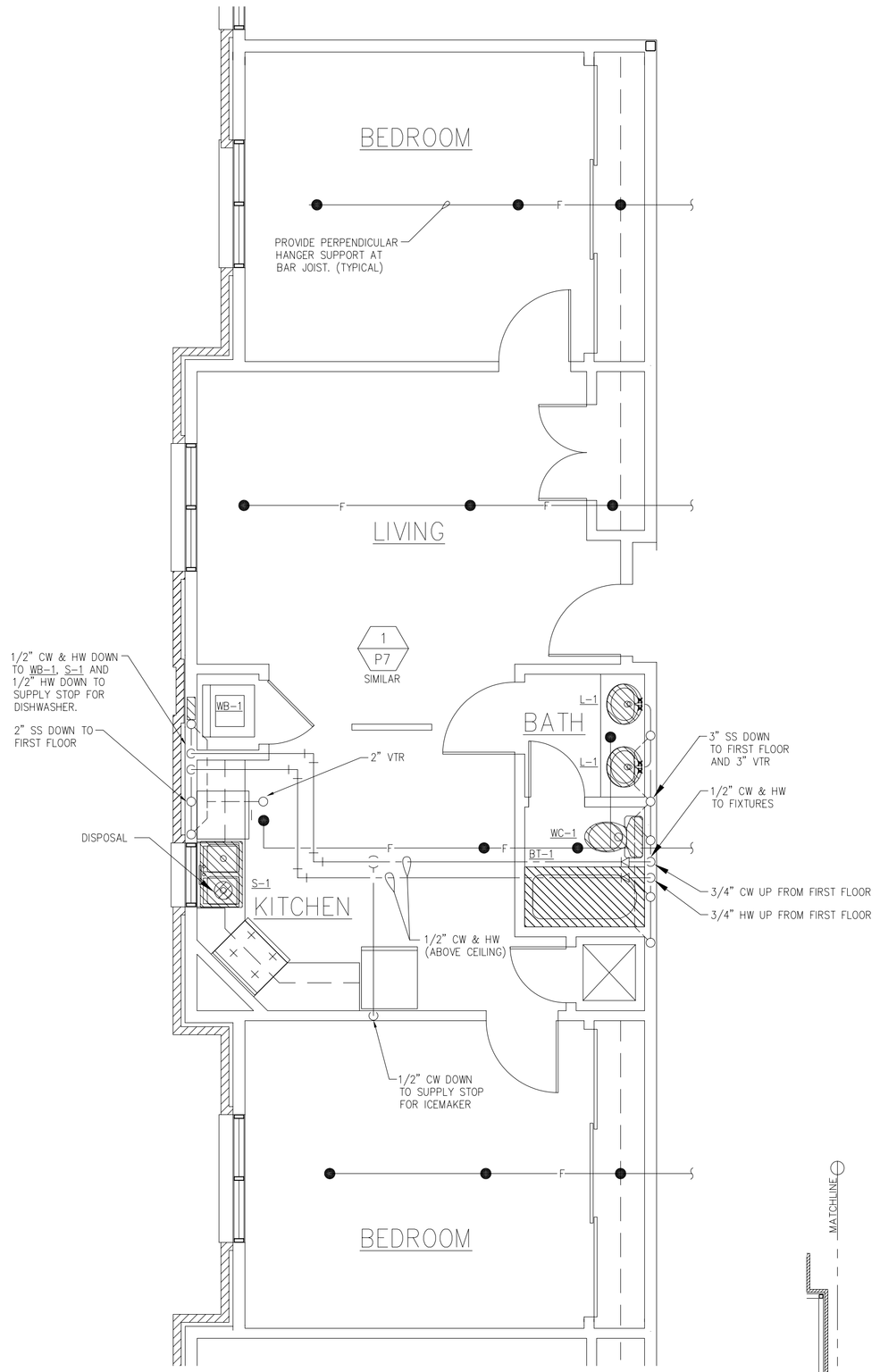
TEMPORARY LODGING FACILITY

SHEET TITLE

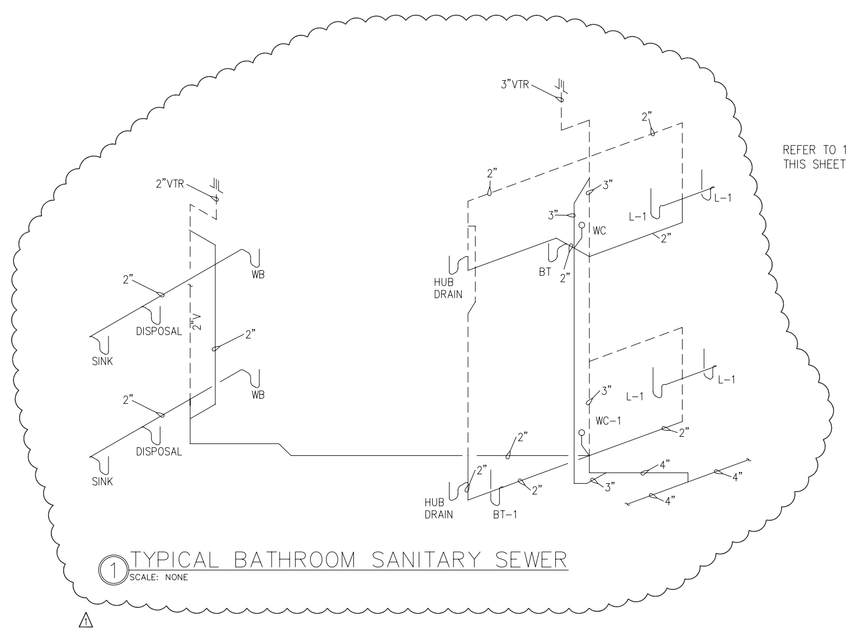
PARTIAL SECOND FLOOR PLUMBING PLAN

AS-BUILT

DRAWN BY: PNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: LSK	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: P4
SCALE: AS NOTED	89 OF 108

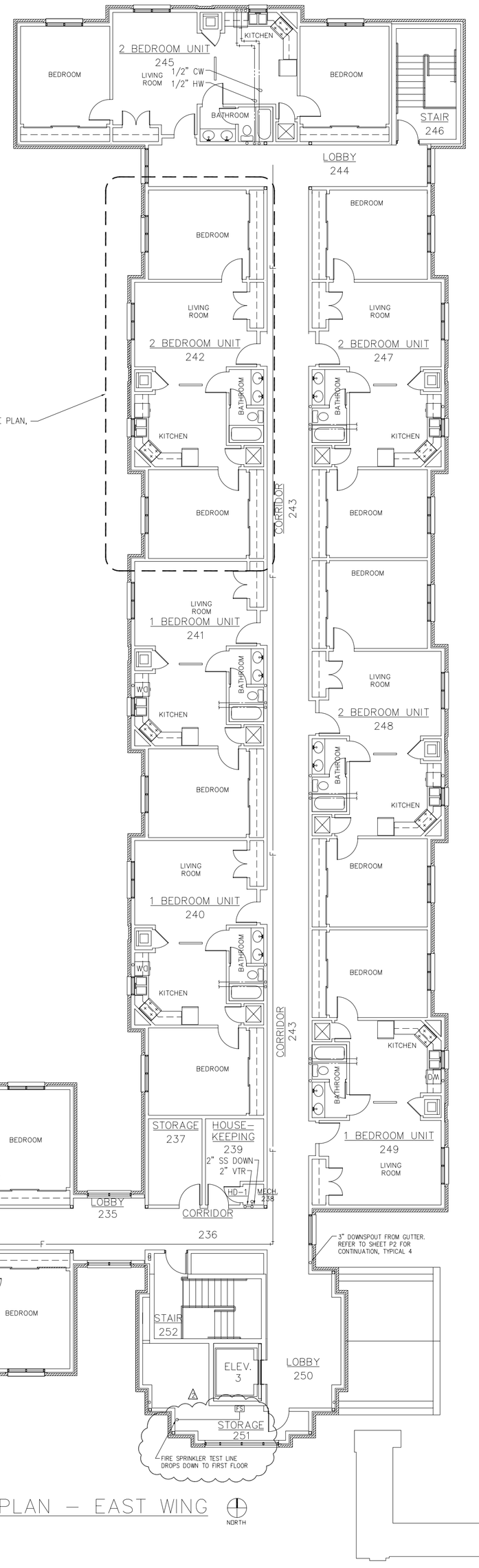


1 ENLARGED PLAN AT 2 BEDROOM UNIT – PLUMBING
SCALE :1/4"=1'-0"



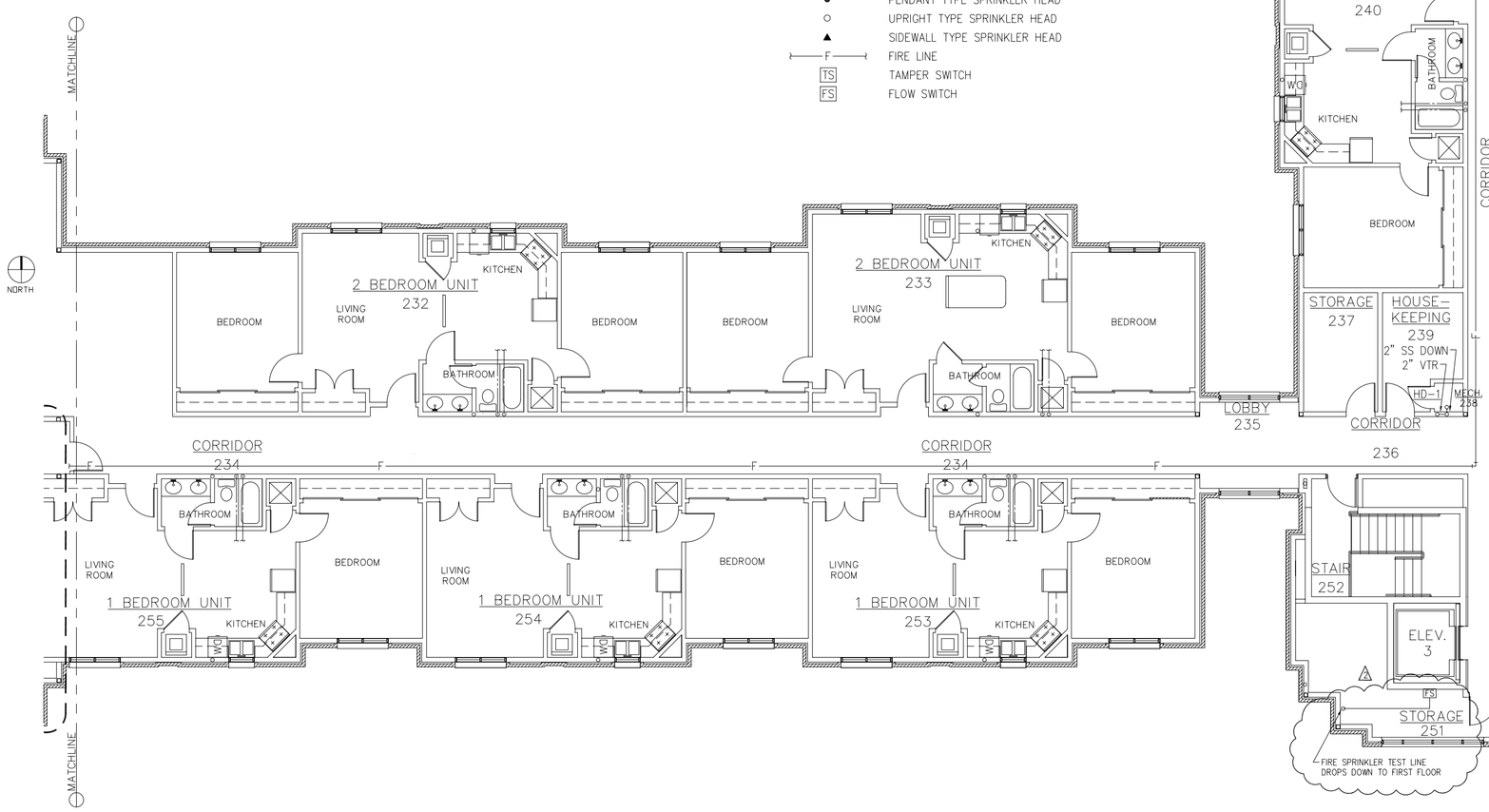
1 TYPICAL BATHROOM SANITARY SEWER
SCALE: NONE

REFER TO 1/4 SCALE PLAN, THIS SHEET

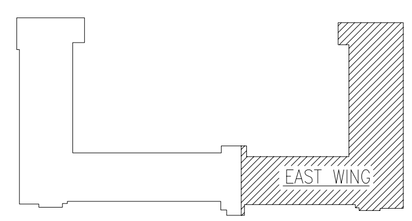


LEGEND

- PENDANT TYPE SPRINKLER HEAD
- UPRIGHT TYPE SPRINKLER HEAD
- SIDEWALL TYPE SPRINKLER HEAD
- F — FIRE LINE
- TS — TAMPER SWITCH
- FS — FLOW SWITCH



1 PARTIAL SECOND FLOOR PLUMBING PLAN – EAST WING
SCALE :3/32"=1'-0"



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
2	Added Fire Sprinkler Test Line locations			
1	Added detail for Typical Bathroom Sanitary Sewer			

PROJECT TITLE

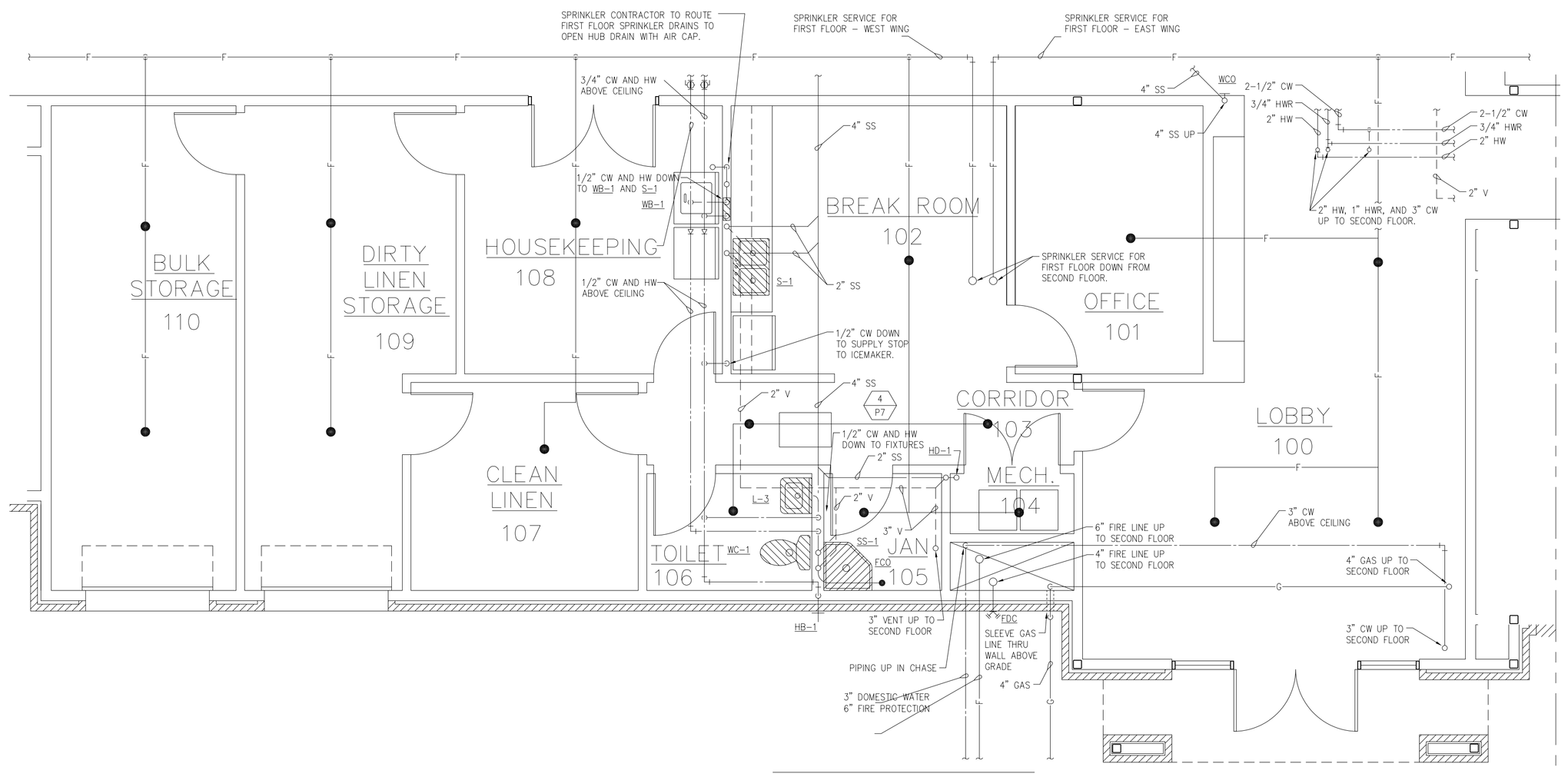
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR PLUMBING PLAN

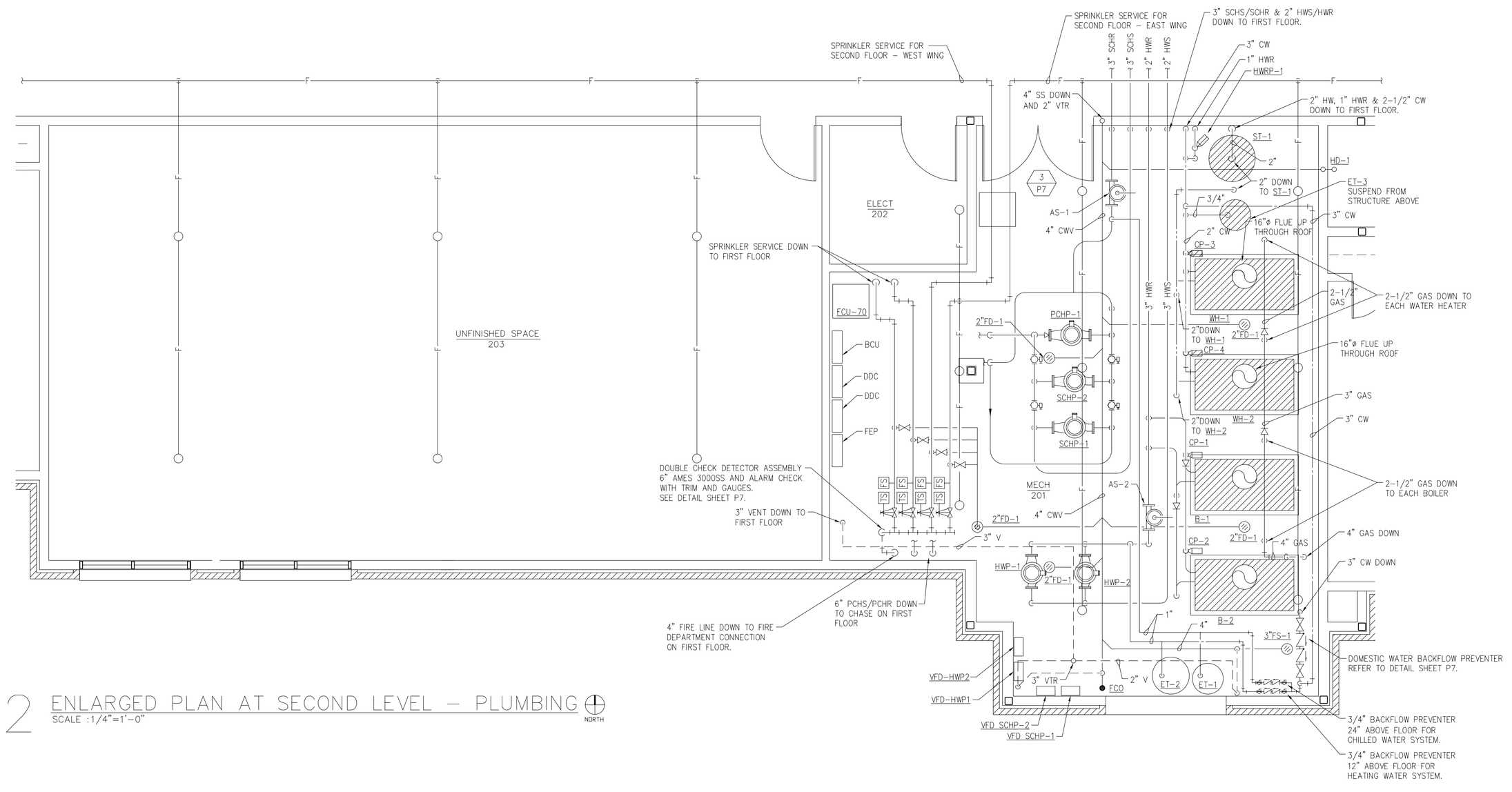
AS-BUILT

DRAWN BY: PNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: LSK	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: P5
SCALE: AS NOTED	90 OF 108



1 ENLARGED PLAN AT SERVICE AREA – PLUMBING

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



2 ENLARGED PLAN AT SECOND LEVEL – PLUMBING

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

LEGEND:

- ● PENDANT TYPE SPRINKLER HEAD
- ○ UPRIGHT TYPE SPRINKLER HEAD
- ▲ SIDEWALL TYPE SPRINKLER HEAD
- F FIRE LINE
- TS TAMPER SWITCH
- FS FLOW SWITCH

LITTLE ROCK A.F.B.
ARKANSAS

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

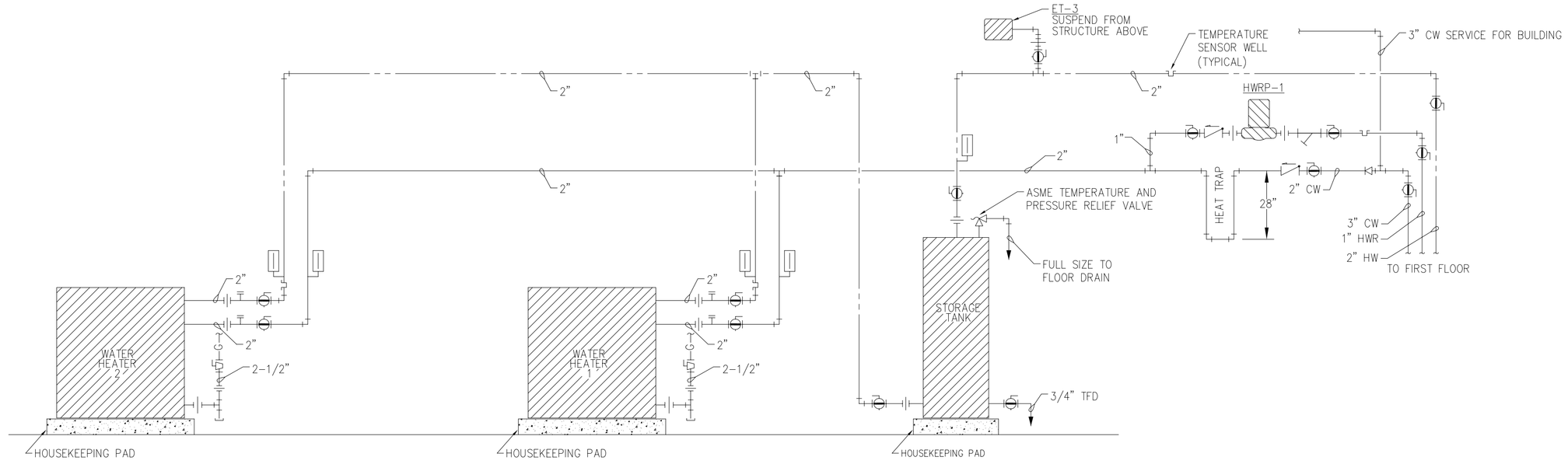
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL PLANS – PLUMBING

AS-BUILT

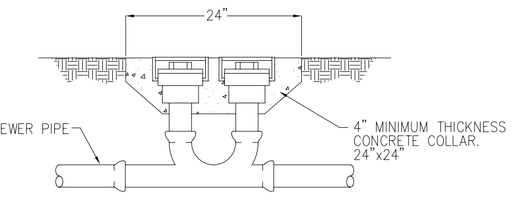
DRAWN BY: PNS	LEAD DESIGNER: WET
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: LSK	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: P6
SCALE: 1/4" = 1'-0"	91 OF 108



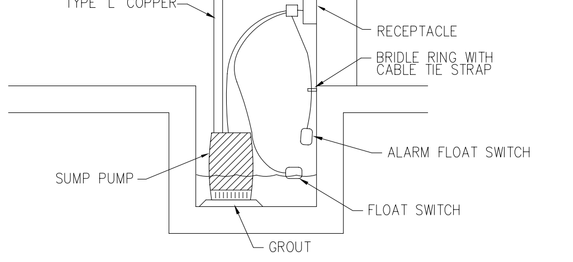
5 DOMESTIC WATER HEATER PIPING DETAIL
SCALE: NONE

FIXTURE CONNECTION SCHEDULE

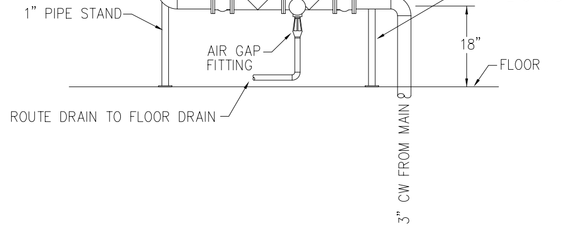
DESIGNATION	DESCRIPTION	MOUNTING	WATER		VENT	WASTE	TRAP
			COLD	HOT			
WC-1	WATER CLOSET	FLOOR	1"	N/A	2"	4"	INTEGRAL
WC-2	WATER CLOSET	FLOOR/ADA	1"	N/A	2"	4"	INTEGRAL
L-1	LAVATORY	COUNTERTOP	1/2"	1/2"	2"	2"	1-1/4"
L-2	LAVATORY	WALL/ADA	1/2"	1/2"	2"	2"	1-1/4"
L-3	LAVATORY	WALL	1/2"	1/2"	2"	2"	1-1/4"
S-1	DOUBLE SINK WITH DISPOSAL	COUNTERTOP	1/2"	1/2"	2"	2"	1-1/2"
SS-1	SERVICE SINK	FLOOR/CORNER	1/2"	1/2"	2"	3"	1-1/2"
HB-1	HOSE BIBB	EXTERIOR WALL	1/2"	N/A	N/A	N/A	N/A
HB-2	HOSE BIBB	INTERIOR WALL	1/2"	N/A	N/A	N/A	N/A
WB-1	WASHER BOX	RECESSED	1/2"	1/2"	2"	2"	2"



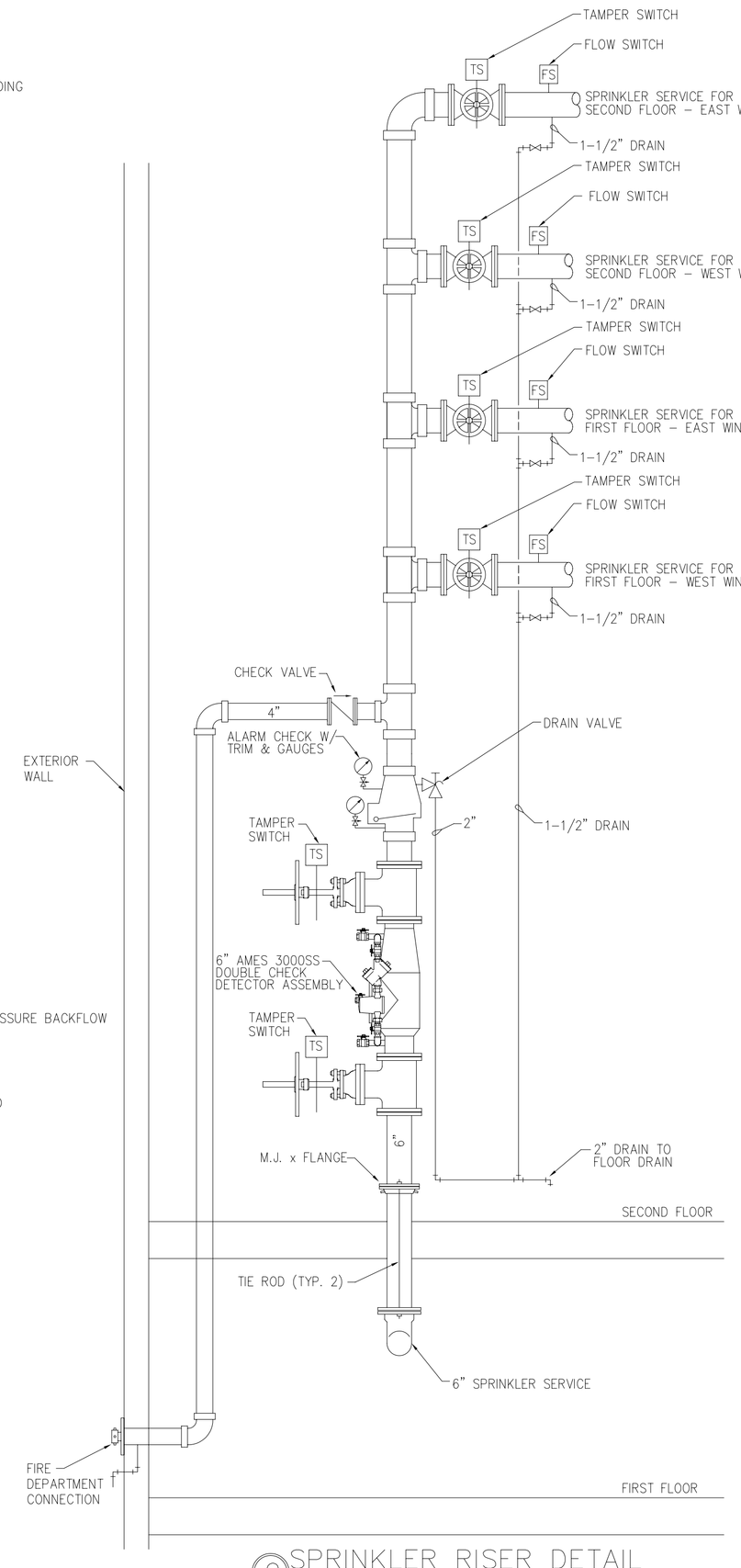
6 TWO-WAY CLEANOUT TO GRADE DETAIL
SCALE: NONE



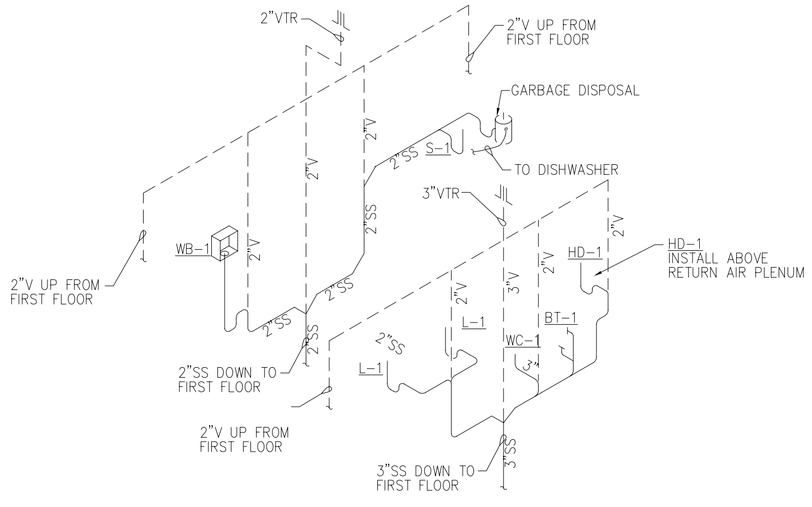
7 SUMP PUMP DETAIL
SCALE: NONE



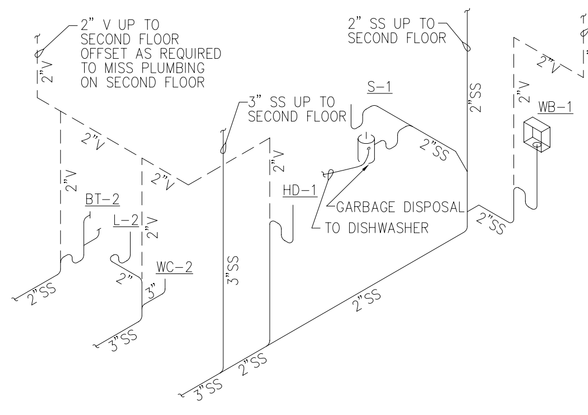
8 DOMESTIC WATER RPZ DETAIL
SCALE: NONE



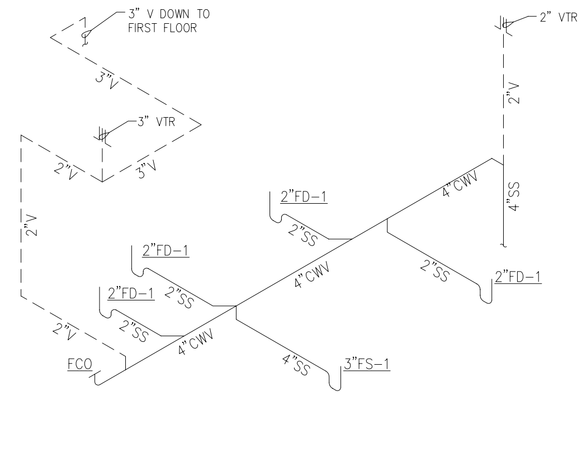
9 SPRINKLER RISER DETAIL
SCALE: NONE



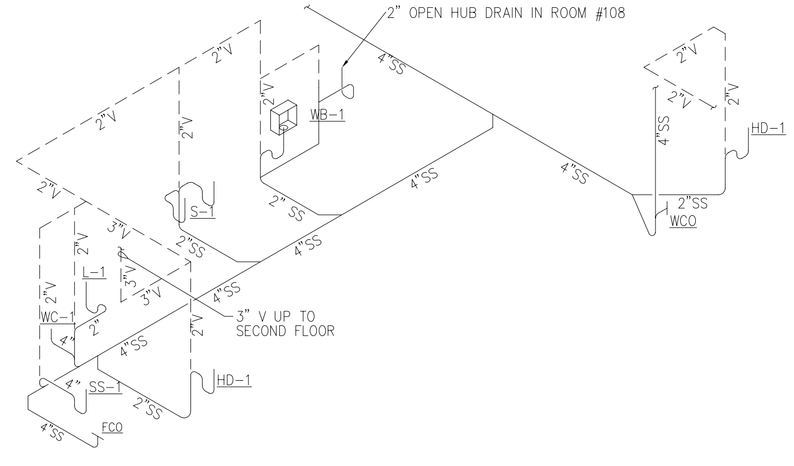
1 PLUMBING RISER
SCALE: NONE



2 PLUMBING RISER
SCALE: NONE



3 PLUMBING RISER
SCALE: NONE



4 PLUMBING RISER
SCALE: NONE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

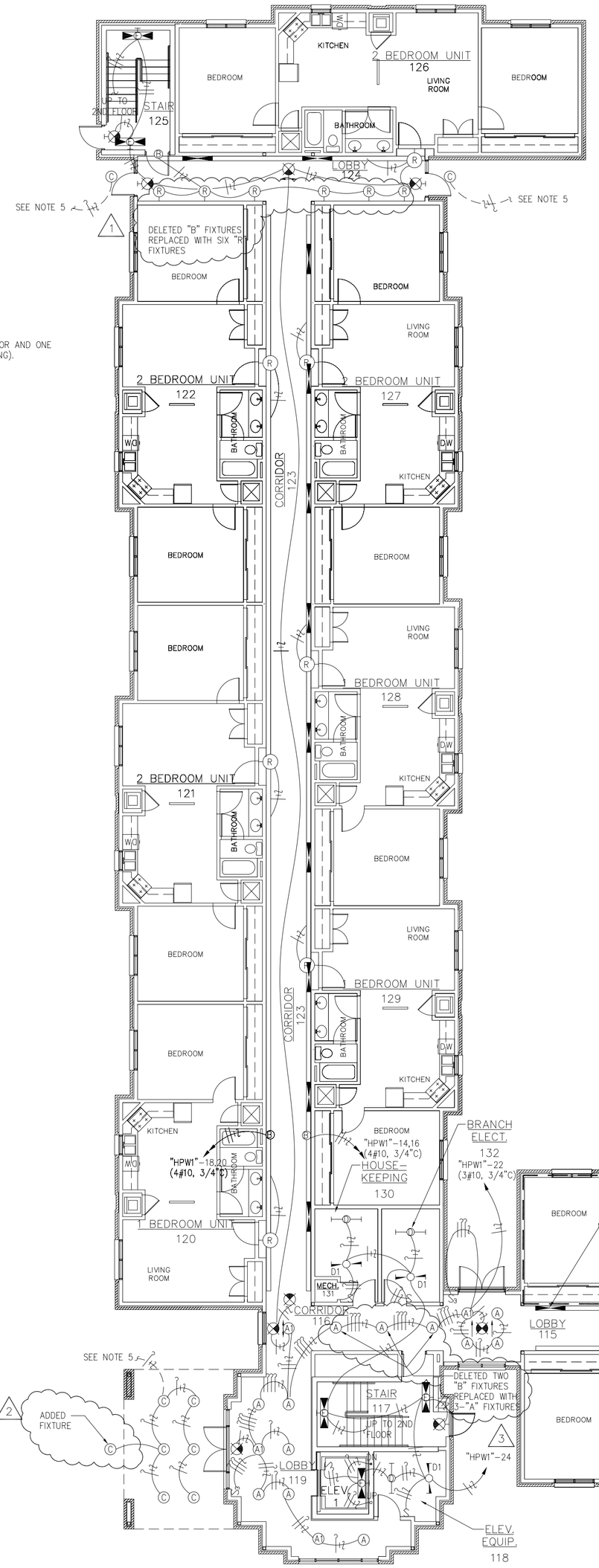
PLUMBING RISERS AND DETAILS

AS-BUILT

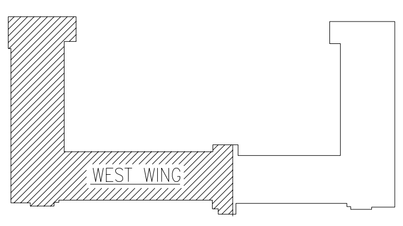
DRAWN BY: PNS	LEAD DESIGNER: WET
TECH REVIEWER	FILE LOCATION
DESIGNED BY: LSK	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: P7
SCALE: NONE	92 OF 108

NOTES:

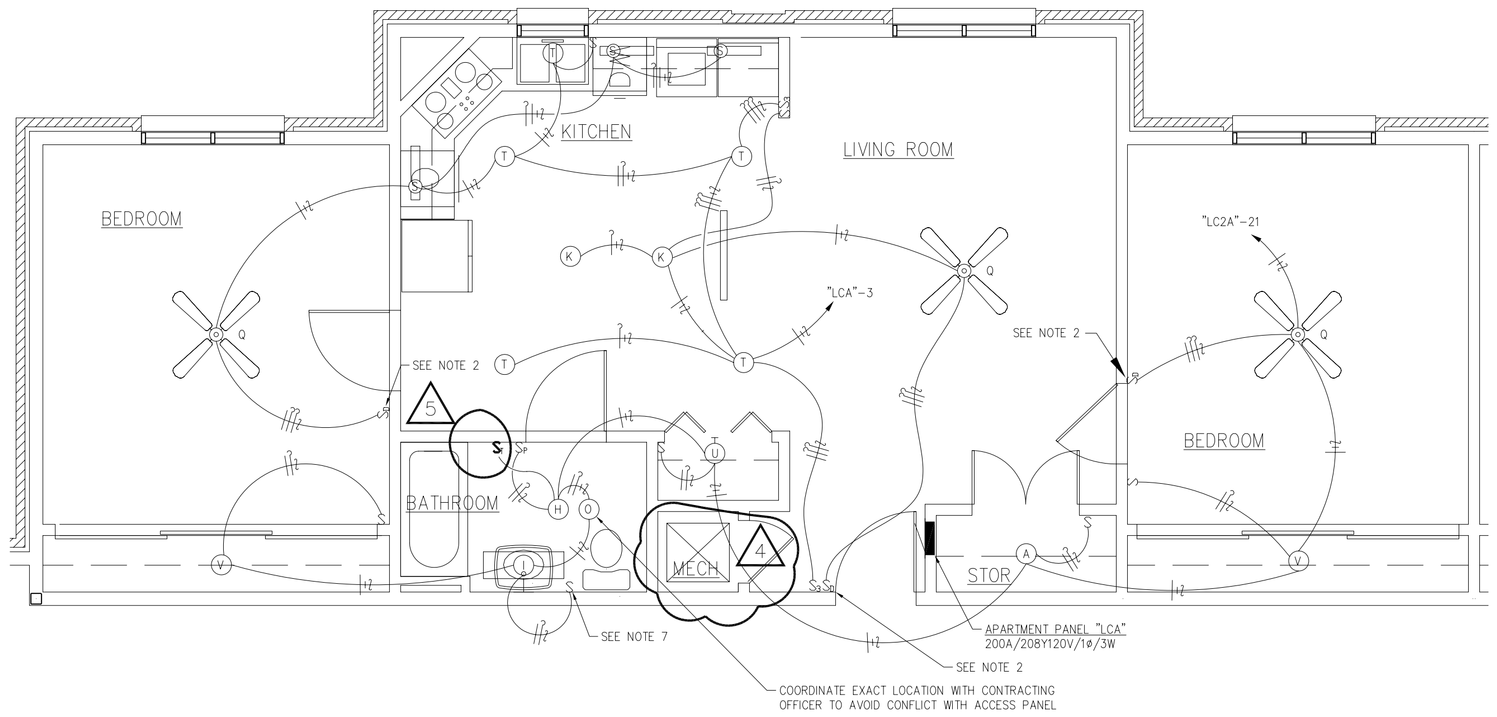
1. INSTALL ONE TYPE "F" LIGHT FIXTURE @ 2'-6" ABOVE PIT FLOOR AND ONE TYPE "F" LIGHT FIXTURE AT 7'-6" ABOVE EACH FLOOR (LANDING). FIELD VERIFY EXACT LOCATION TO AVOID CONFLICT WITH ELEVATOR CAB, TRACK, AND CABLES.
2. DUAL SLIDE FAN SPEED AND DIMMER CONTROL EQUAL TO LEVITON #6630.
3. TYPE B FIXTURES TO BE NON-SWITCHED.
4. TO TYPE "P" FIXTURES. REFER TO SHEET PME1
5. DOWN TO BOLLARD LIGHTS.
6. NOT USED
7. INSTALL SWITCH IN SAME BACKBOX AS GFI RECEPTACLE.



1 PARTIAL FIRST FLOOR LIGHTING PLAN – WEST WING
SCALE :3/32"=1'-0"
RE :



KEY PLAN



2 TYPICAL TWO BEDROOM ADA UNIT – LIGHTING
SCALE :1/4"=1'-0"
RE :

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

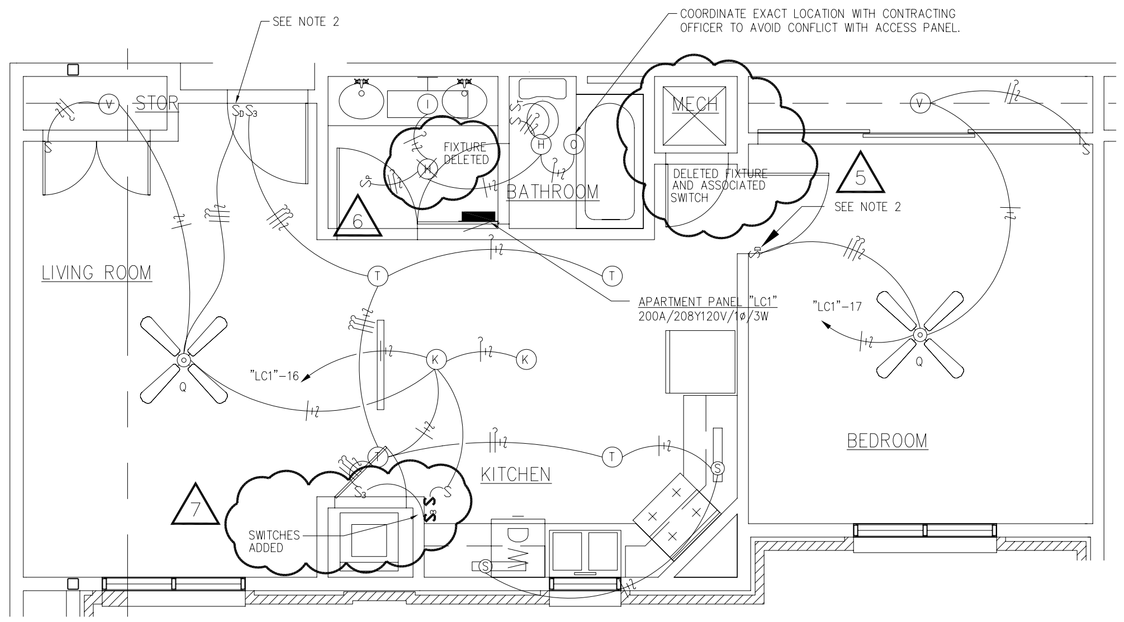
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
5	Noted switches added			
4	Deleted "U" fixture in Mech Room and associated switch			
3	Deleted the "B" fixtures and replaced with three "A" fixtures			
2	"C" fixture added outside exterior Portico			
1	Deleted the "B" fixtures and replaced with six "R" fixtures			

PROJECT TITLE
TEMPORARY LODGING FACILITY

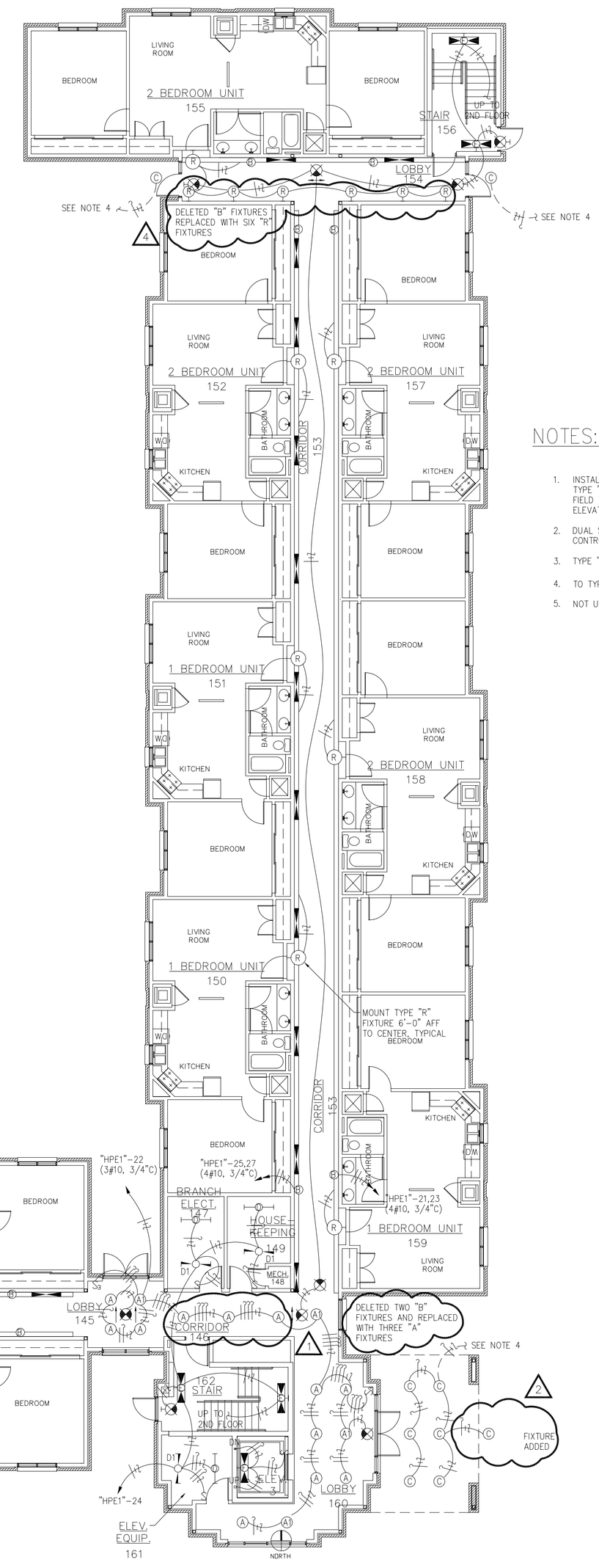
SHEET TITLE
PARTIAL FIRST FLOOR LIGHTING PLAN
AS-BUILT

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E2
SCALE: AS NOTED	93 OF 108



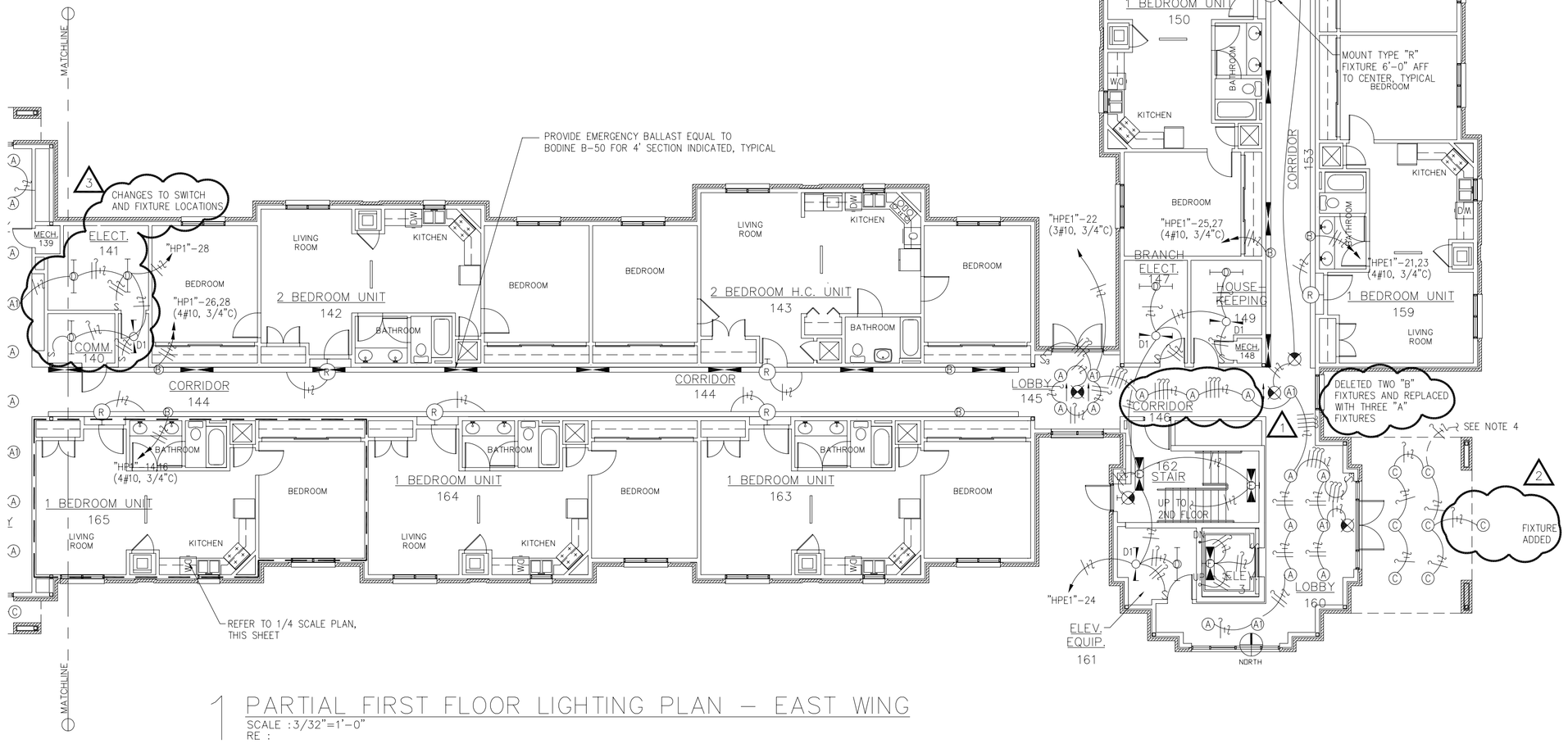
2 TYPICAL ONE BEDROOM UNIT – LIGHTING

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



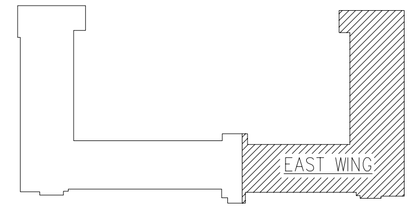
NOTES:

1. INSTALL ONE TYPE "E" LIGHT FIXTURE @ 2'-6" ABOVE PIT FLOOR AND ONE TYPE "T" LIGHT FIXTURE AT 7'-6" ABOVE EACH FLOOR (LANDING). FIELD VERIFY EXACT LOCATION TO AVOID CONFLICT WITH ELEVATOR CAB, TRACK, AND CABLES.
2. DUAL SLIDE FAN SPEED AND DIMMER CONTROL EQUAL TO LEVITON #6630.
3. TYPE "B" FIXTURE TO BE NON-SWITCHED.
4. TO TYPE "P" FIXTURES. REFER TO SHEET PME1
5. NOT USED



1 PARTIAL FIRST FLOOR LIGHTING PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
7	Noted switches added			
6	"H" fixture was deleted in Bathroom			
5	Deleted "U" fixture in Mech Room and associated switch			
4	Deleted the "B" fixtures and replaced with six "R" fixtures			
3	Changed location and layout of fixtures due to change in floor plan			
2	"C" fixture added outside exterior Portico			
1	Deleted the "B" fixtures and replaced with three "A" fixtures			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

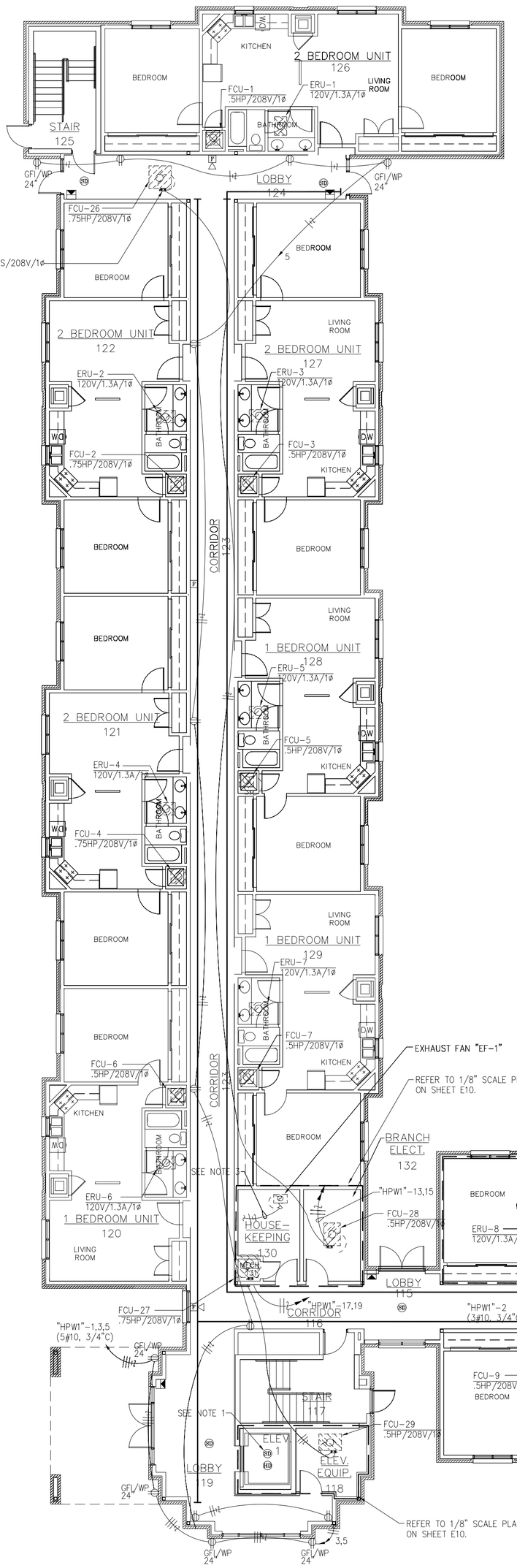
PARTIAL FIRST FLOOR LIGHTING PLAN

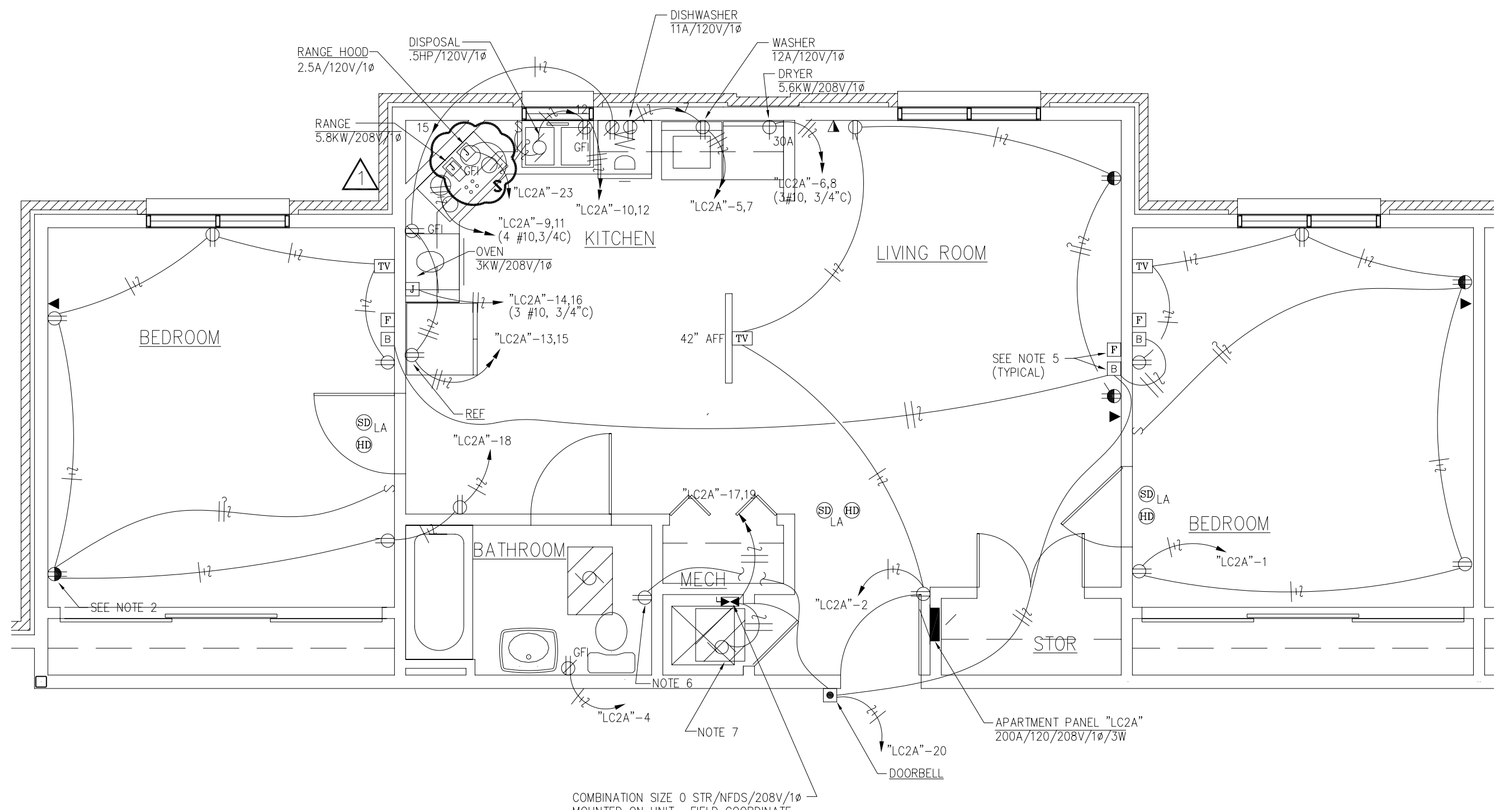
AS-BUILT

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E3
SCALE: AS NOTED	94 OF 108

NOTES:

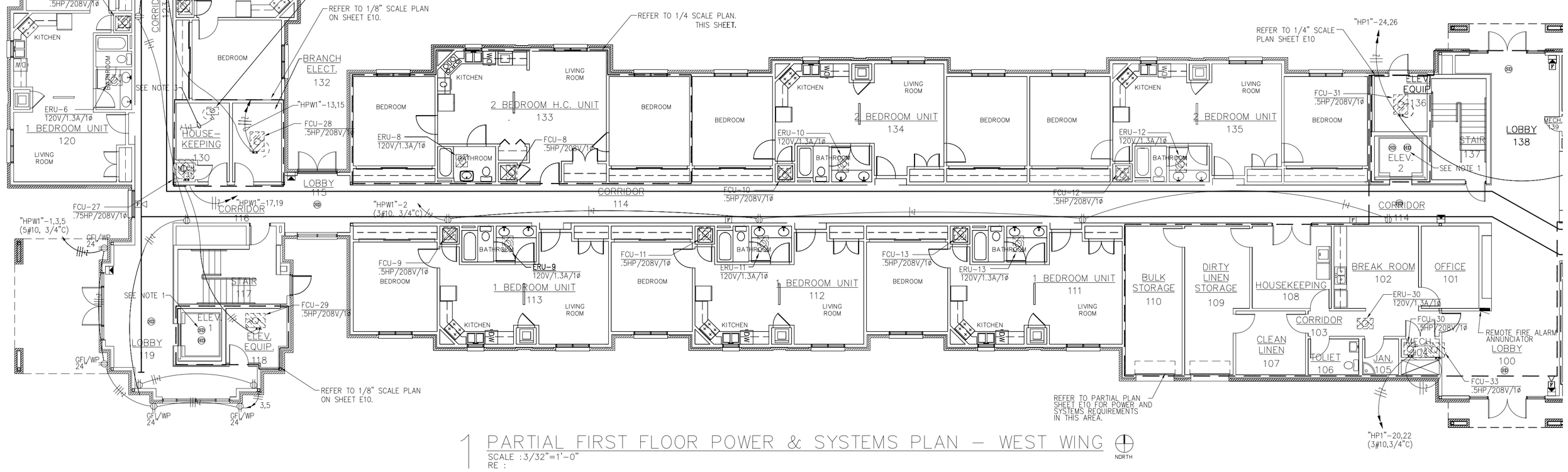
1. INSTALL HEAT AND SMOKE DETECTORS IN ELEVATOR PIT.
2. TOP HALF OF RECEPTACLE TO BE SWITCHED AT THE DOOR FOR TABLE LAMP – TYPICAL THIS SYMBOL.
3. DOWN TO ROOM RECEPTACLE CIRCUIT.
4. NOT USED.
5. FIRE ALARM VISUAL DEVICE AND DOOR BELL/ALARM SYSTEM TO BE INSTALLED IN ADA ROOMS ONLY. UNDER BID OPTION #4 INCLUDE FIRE ALARM VISUAL DEVICE IN ALL UNITS AS SHOWN.
6. ENERGY RECOVERY UNIT "ERU-X" 1.3A/120V/1ø TYPICAL EACH TWO BEDROOM ADA UNIT. REFER TO 3/32" SCALE PLAN FOR UNIT NUMBER. INSTALL RECEPTACLE NEXT TO UNIT.
7. FAN COIL UNIT "FCU-X" .5HP/208V/1ø TYPICAL EACH TWO BEDROOM ADA UNIT. REFER TO 3/32" SCALE PLAN FOR UNIT HEATER.
8. VERIFY LOCATION OF STR/DS IN FIELD. UNIT MUST BE ACCESSIBLE.
9. PROVIDE CENTER SUPPORTED CABLE MANAGEMENT LADDER 4" ABOVE CEILING ON BOTH SIDES OF CORRIDOR IN APPROPRIATE LOCATION SHOWN. FIELD COORDINATE EXACT LOCATION FOR ACCESSIBILITY.





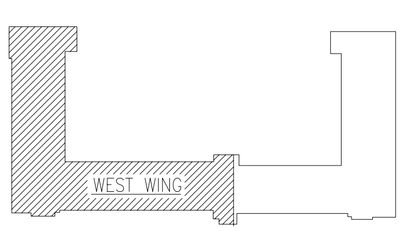
2 TYPICAL TWO BEDROOM ADA UNIT – POWER & SYSTEMS

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



1 PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN – WEST WING

SCALE :3/32"=1'-0"
RE :



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Switch added for Range Hood			

PROJECT TITLE

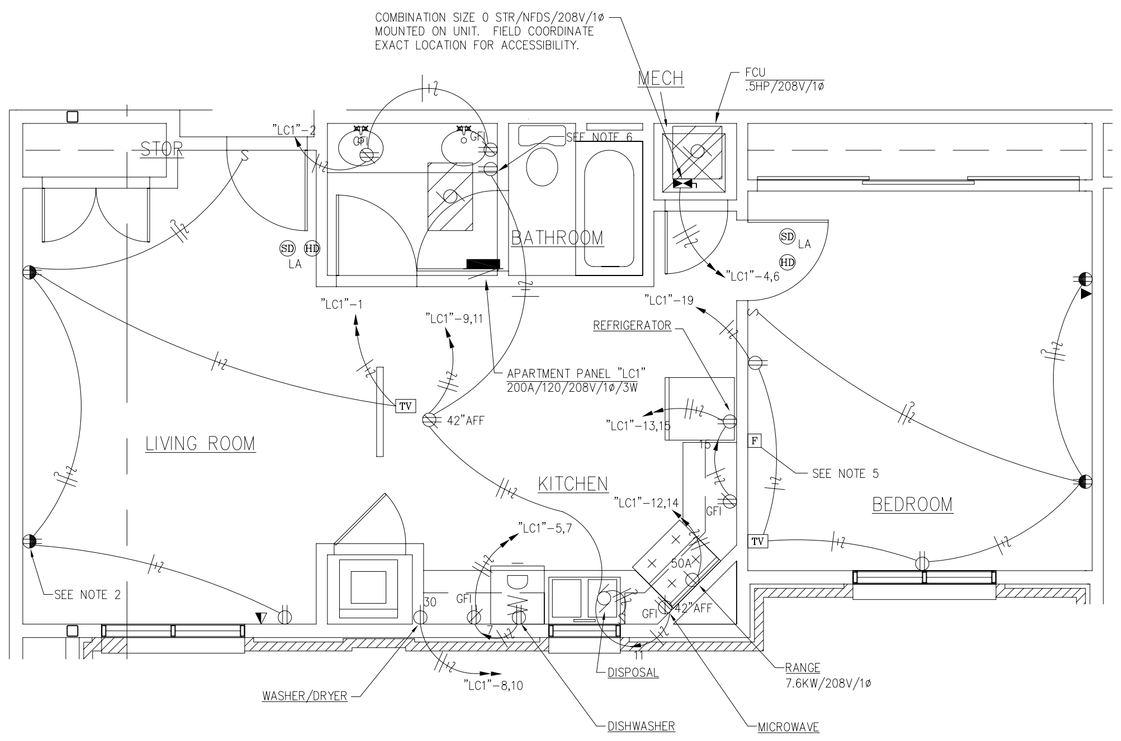
TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN

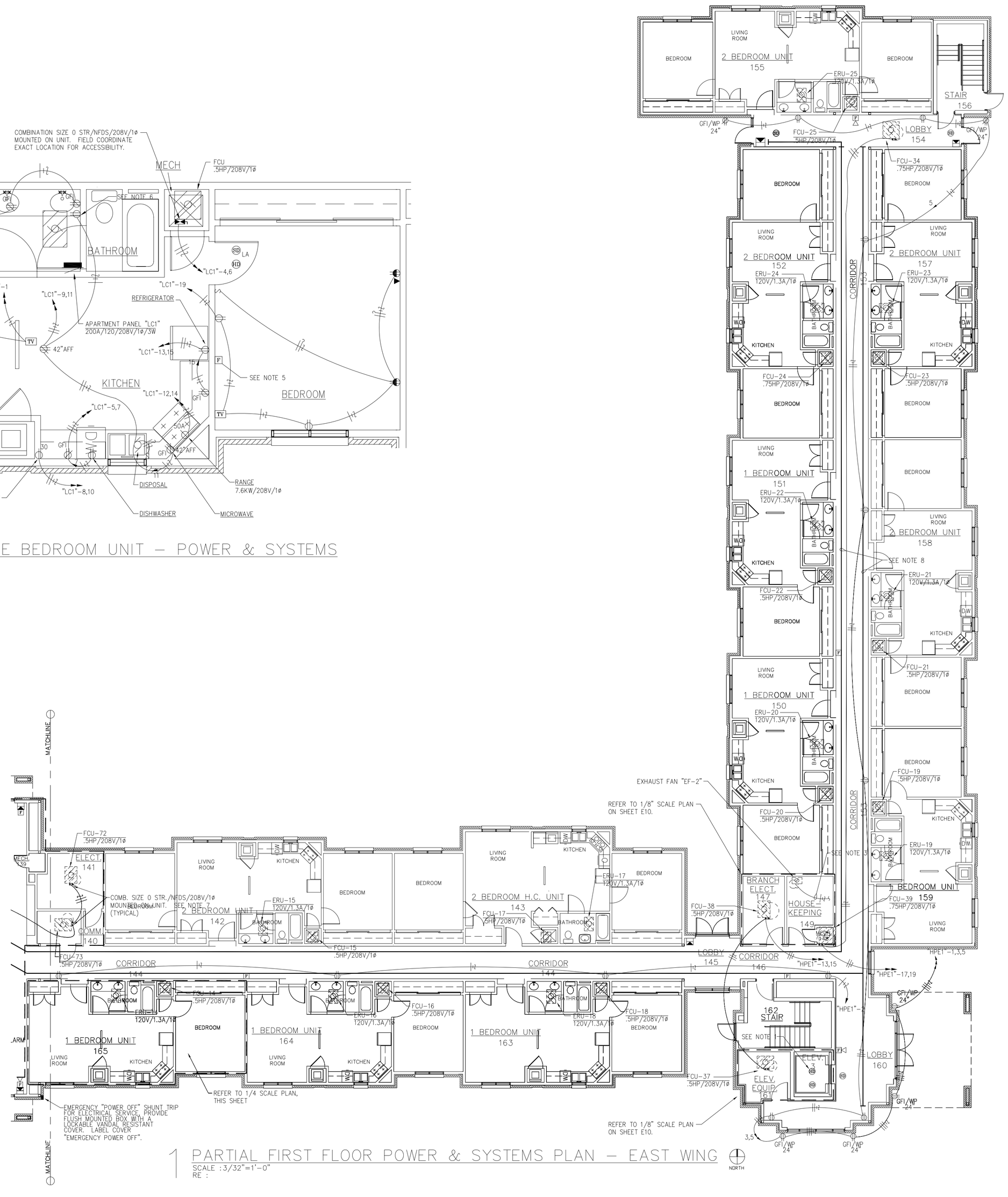
AS-BUILT

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER	FILE LOCATION
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E4
SCALE: AS NOTED	95 OF 108



2 TYPICAL ONE BEDROOM UNIT – POWER & SYSTEMS

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

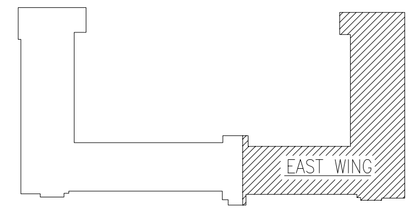


1 PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :

NOTES:

1. INSTALL HEAT AND SMOKE DETECTORS IN ELEVATOR PIT.
2. TOP HALF OF RECEPTACLE TO BE SWITCHED AT THE DOOR FOR TABLE LAMP – TYPICAL THIS SYMBOL.
3. DOWN TO ROOM RECEPTACLE CIRCUIT.
4. NOT USED
5. UNDER BID OPTION #4, INCLUDE FIRE ALARM VISUAL DEVICE IN ALL UNITS AS SHOWN.
6. ENERGY RECOVERY UNIT "ERU-X" 1.3A/120/1ø TYPICAL EACH TWO BEDROOM ADA UNIT. REFER TO 3/32" SCALE PLAN FOR UNIT NUMBER. INSTALL RECEPTACLE NEXT TO UNIT.
7. FIELD COORDINATE EXACT LOCATION OF DEVICE FOR ACCESSIBILITY.
8. PROVIDE CENTER SUPPORTED CABLE MANAGEMENT LADDER 4" ABOVE CEILING ON BOTH SIDES OF CORRIDOR IN APPROPRIATE LOCATION SHOWN. FIELD COORDINATE EXACT LOCATION FOR ACCESSIBILITY.



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No changes from Design to AS-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

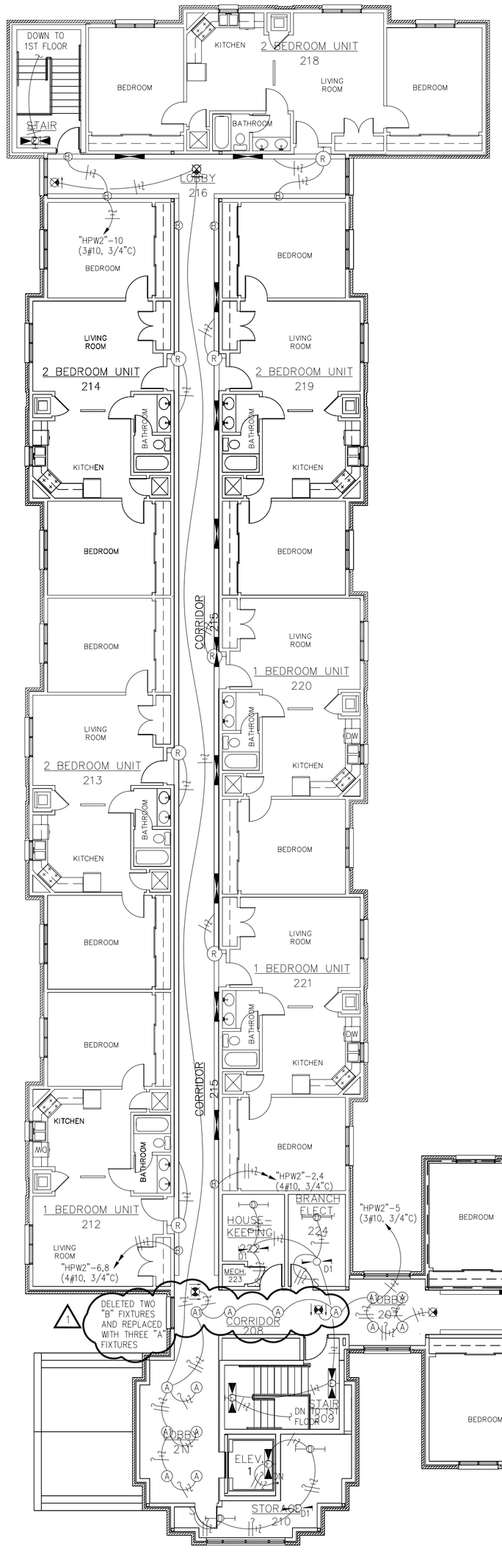
PARTIAL FIRST FLOOR POWER & SYSTEMS PLAN

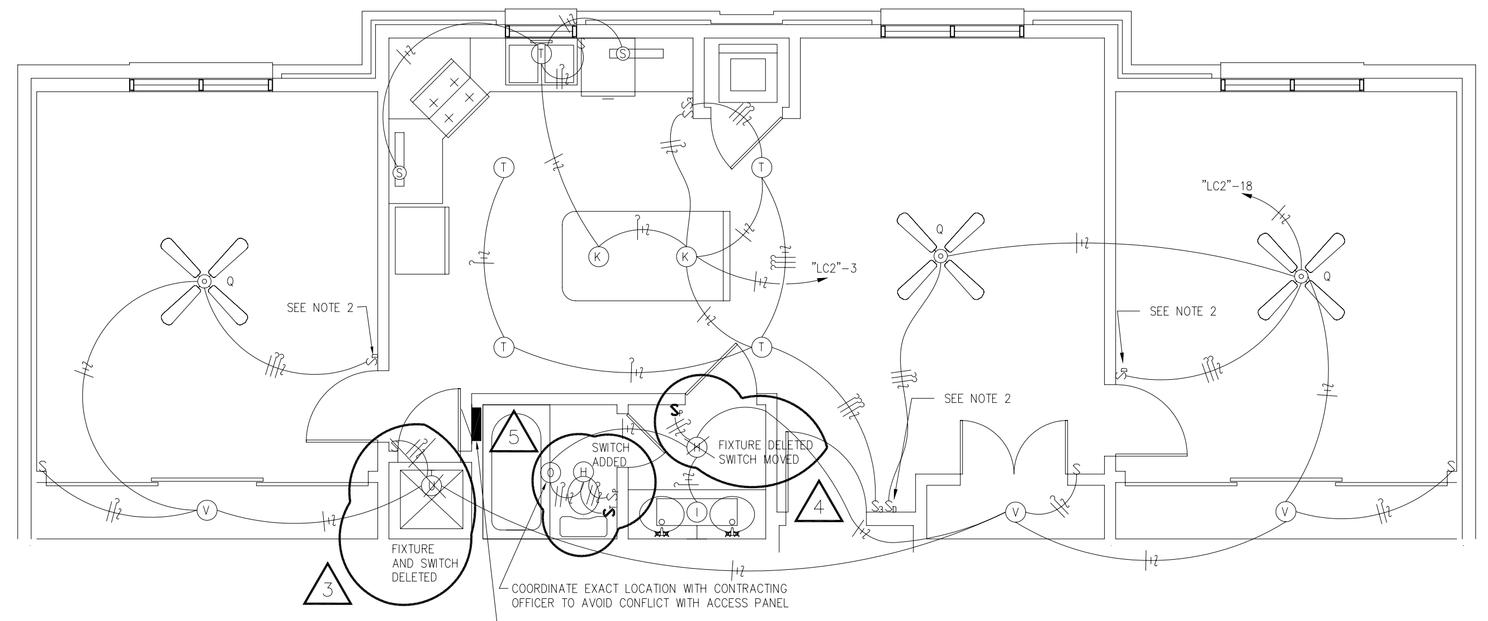
AS-BUILT

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E5
SCALE: AS NOTED	96 OF 108

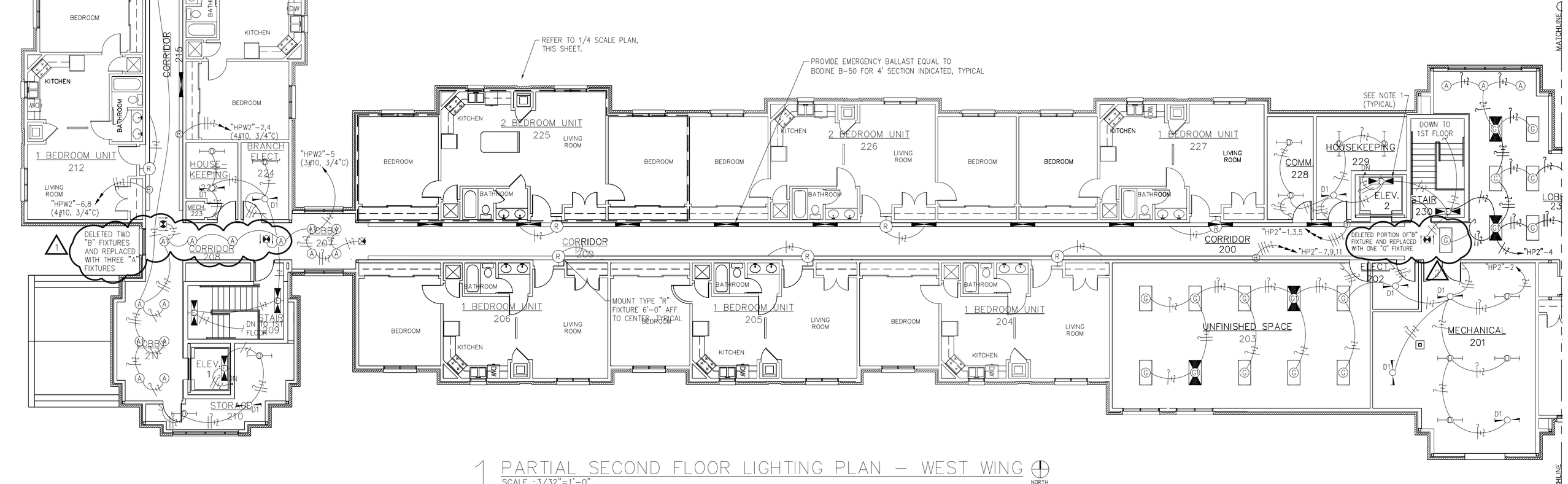
NOTES:

1. INSTALL ONE TYPE "I" LIGHT FIXTURE @ 2'-6" ABOVE PIT FLOOR AND ONE TYPE "F" LIGHT FIXTURE AT 7'-6" ABOVE EACH FLOOR (LANDING). FIELD VERIFY EXACT LOCATION TO AVOID CONFLICT WITH ELEVATOR CAB, TRACK, AND CABLES.
2. DUAL SLIDE FAN SPEED AND DIMMER CONTROL EQUAL TO LEVITON #6630.
3. TYPE "B" FIXTURE TO BE NONSWITCHED.

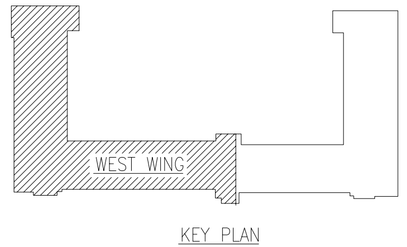




2 TYPICAL TWO BEDROOM UNIT – LIGHTING
SCALE :1/4"=1'-0"
RE :



1 PARTIAL SECOND FLOOR LIGHTING PLAN – WEST WING
SCALE :3/32"=1'-0"
RE :



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
5	Added noted switch			
4	Delete "H" fixture and moved noted switch			
3	Delete "U" fixture and associated switch			
2	Delete a portion of the "B" fixture and add one "G" fixture			
1	Delete two "B" fixtures and replace with three "A" fixtures			

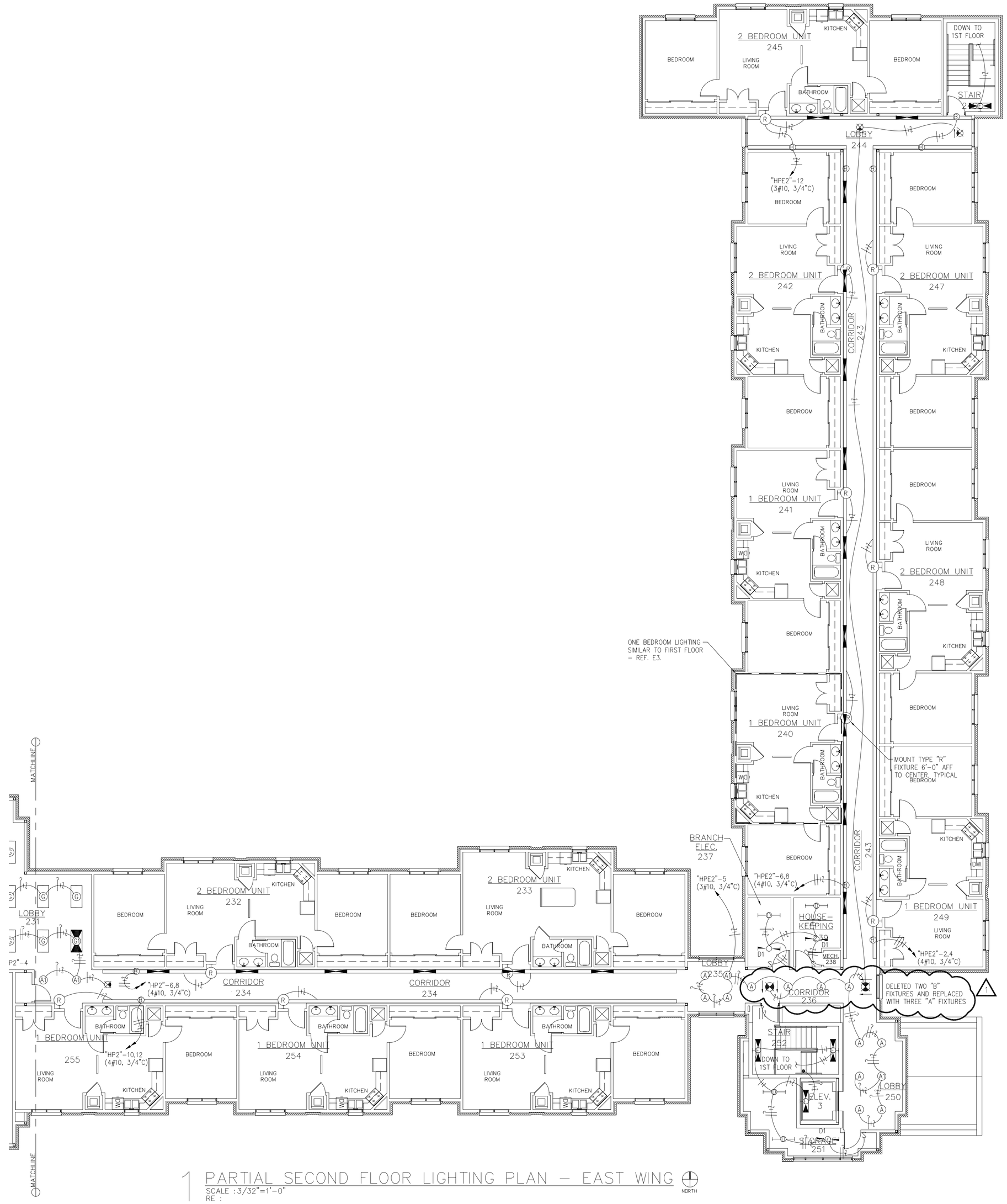
PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

PARTIAL SECOND FLOOR LIGHTING PLAN

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E6
SCALE: AS NOTED	97 OF 108



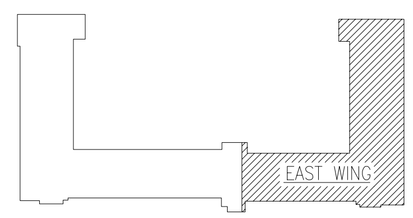
1 PARTIAL SECOND FLOOR LIGHTING PLAN – EAST WING

SCALE :3/32"=1'-0"
RE :

NORTH

NOTES:

1. INSTALL ONE TYPE "F" LIGHT FIXTURE @ 2'-6" ABOVE PIT FLOOR AND ONE TYPE "F" LIGHT FIXTURE AT 7'-6" ABOVE EACH FLOOR (LANDING). FIELD VERIFY EXACT LOCATION TO AVOID CONFLICT WITH ELEVATOR CAB, TRACK, AND CABLES.
2. TYPE "B" FIXTURE TO BE NONSWITCHED.



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	Deleted 'B' fixtures and replaced with three 'A' fixtures			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

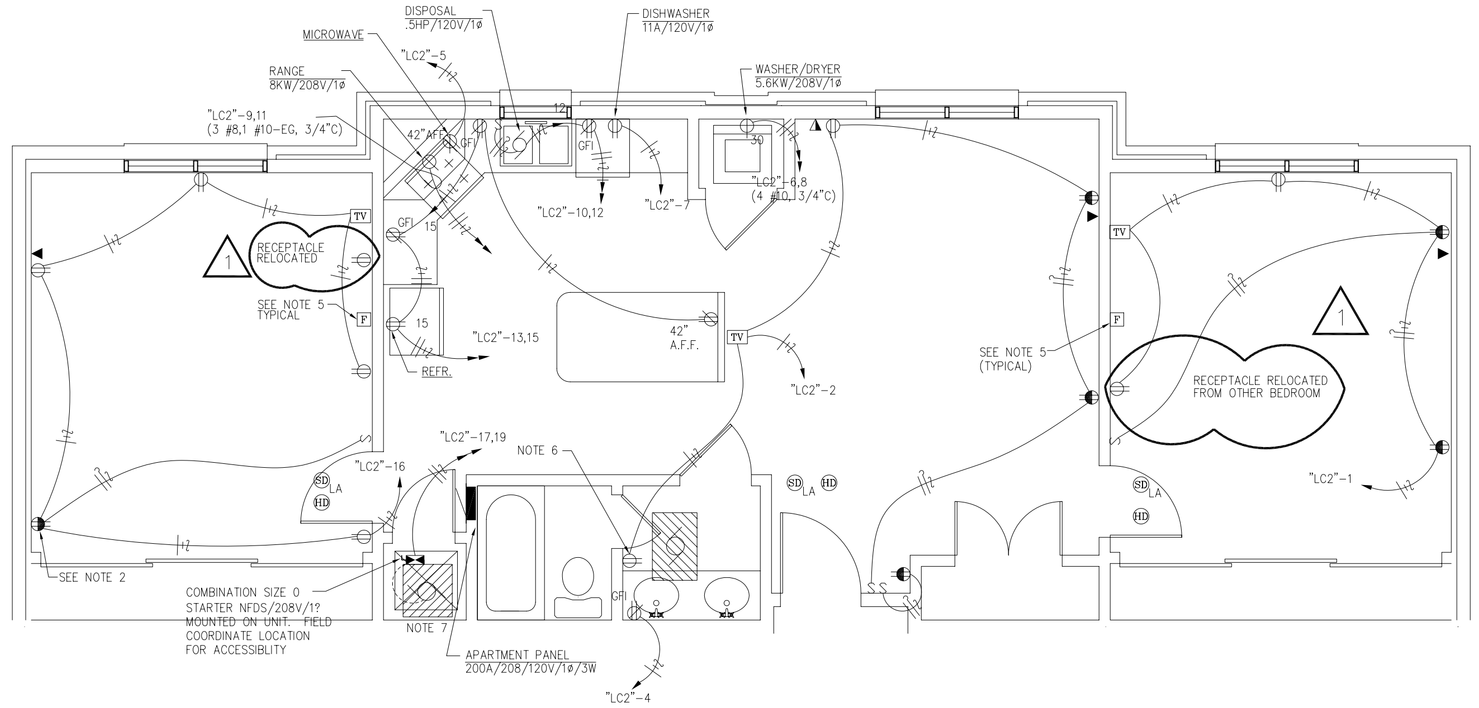
PARTIAL SECOND FLOOR LIGHTING PLAN

AS-BUILT

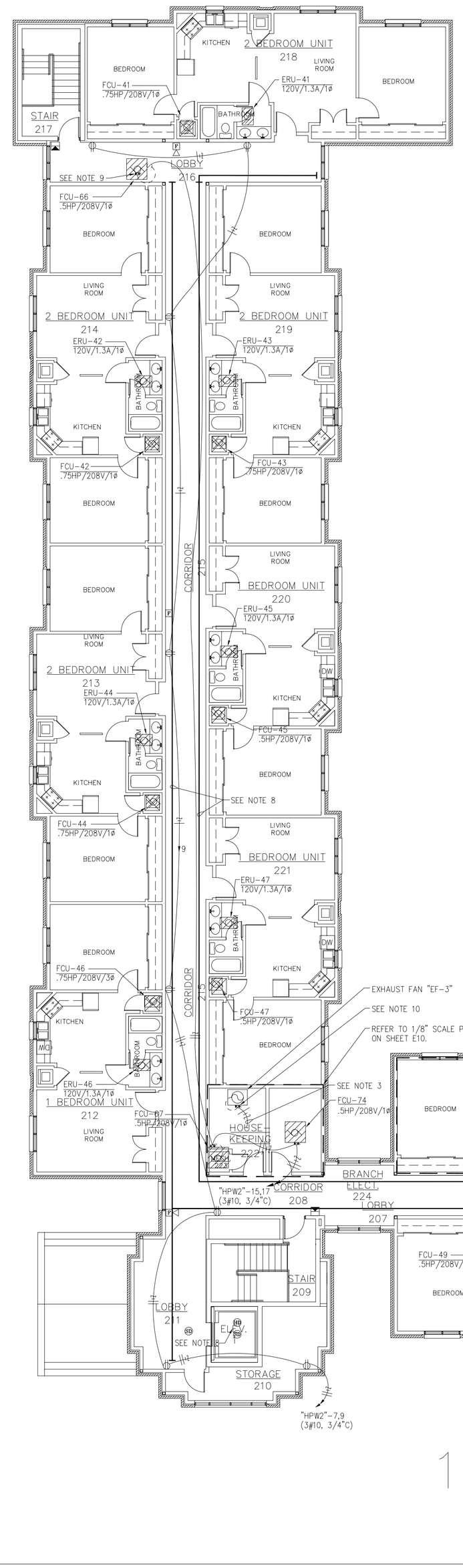
DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E7
SCALE: AS NOTED	98 OF 108

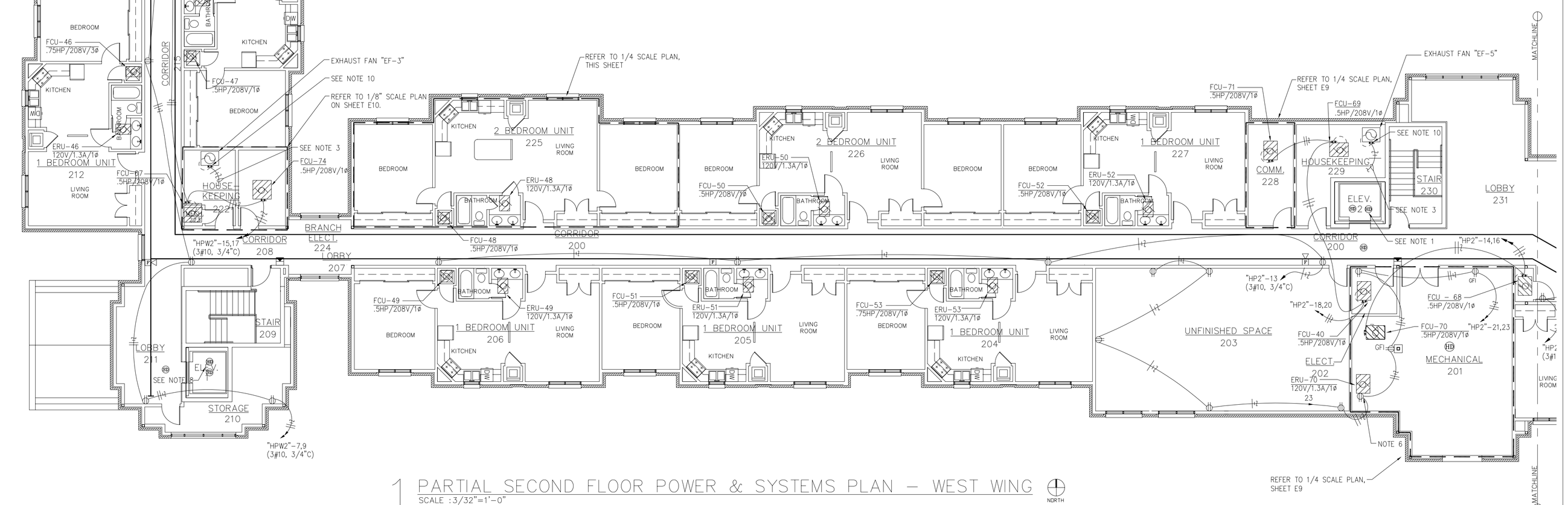
NOTES:

1. INSTALL SMOKE DETECTOR AND HEAT DETECTOR AT TOP OF SHAFT.
2. TOP HALF OF RECEPTACLE TO BE SWITCHED AT THE DOOR FOR TABLE LAMP – TYPICAL THIS SYMBOL.
3. DOWN TO ROOM RECEPTACLE CIRCUIT.
4. NOT USED
5. UNDER ADDITIVE ALTERNATE #2 INCLUDE FIRE ALARM VISUAL DEVICE IN ALL UNITS AS SHOWN.
6. ENERGY RECOVERY UNIT "ERU-X" 1.3A/120V/1ø TYPICAL EACH TWO BEDROOM ADA UNIT. REFER TO 3/32" SCALE PLAN FOR UNIT NUMBER. INSTALL RECEPTACLE NEXT TO UNIT.
7. FAN COIL UNIT "FCU-X" .5HP/208V/1ø TYPICAL EACH TWO BEDROOM ADA UNIT. REFER TO 3/32" SCALE PLAN FOR UNIT HEATER.
8. PROVIDE CENTER SUPPORTED CABLE MANAGEMENT LADDER 4" ABOVE CEILING ON BOTH SIDES OF CORRIDOR IN APPROPRIATE LOCATION SHOWN. FIELD COORDINATE EXACT LOCATION FOR ACCESSIBILITY.
9. COMBINATION SIZE 0 STARTER/NFDS/208V/1ø MOUNTED ON UNIT. FIELD COORDINATE LOCATION FOR ACCESSIBILITY. TYPICAL.
10. COMBINATION SIZE 0 STARTER/NFDS/120V/1ø MOUNTED ON UNIT. FIELD COORDINATE LOCATION FOR ACCESSIBILITY.

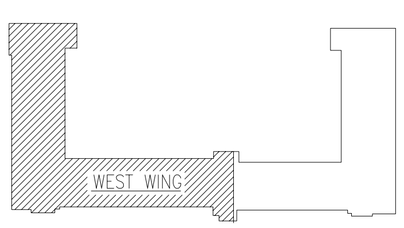


2 1/4" SCALE PLAN – POWER & SYSTEMS
SCALE :1/4"=1'-0"
RE :





1 PARTIAL SECOND FLOOR POWER & SYSTEMS PLAN – WEST WING
SCALE :3/32"=1'-0"
RE :
NORTH



KEY PLAN

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

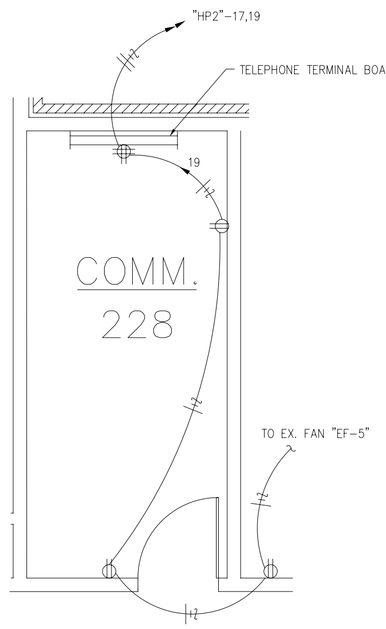
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/issue	Date	BY	APP'D
1	Relocated receptacle from other bedroom as noted			

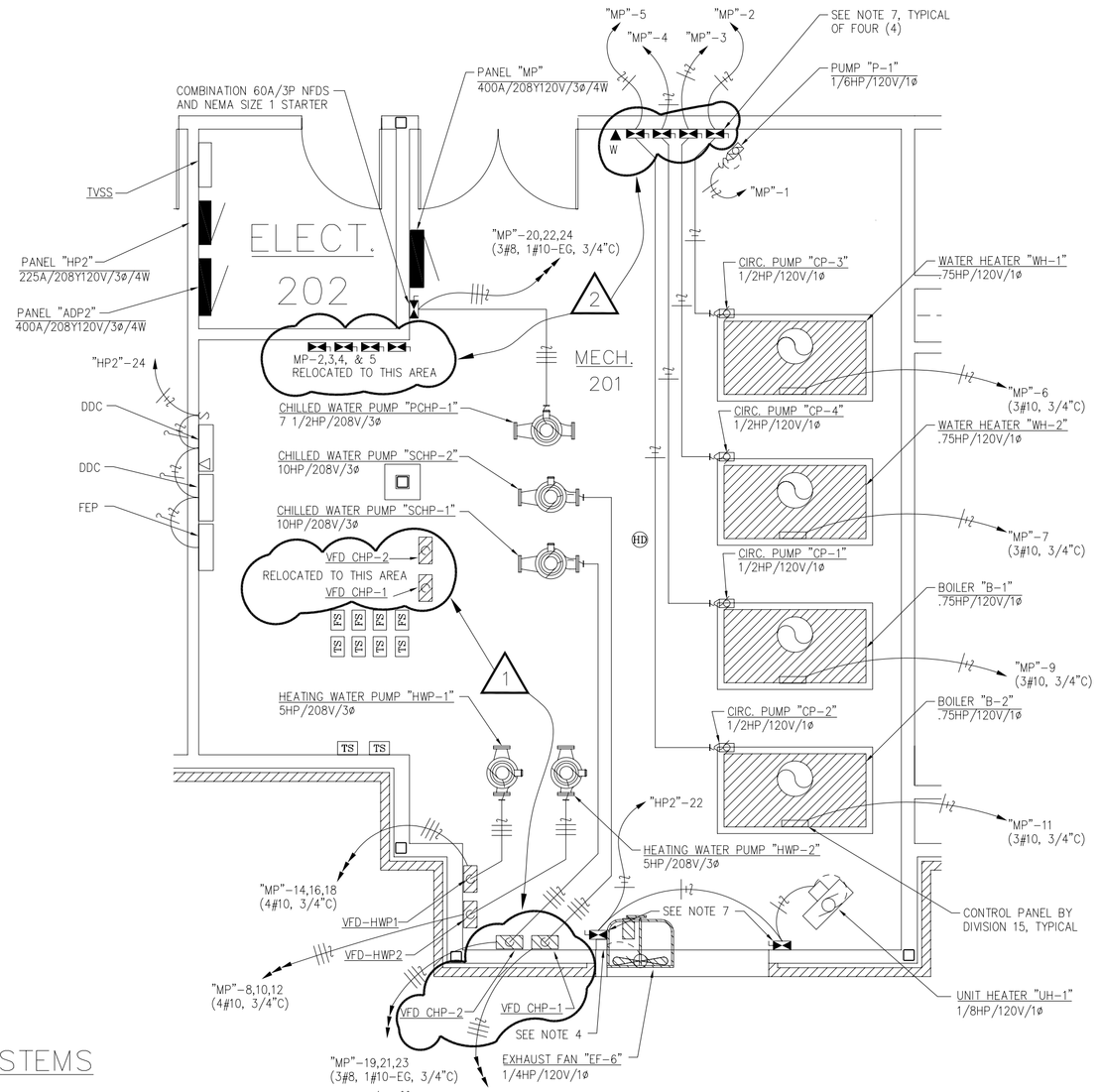
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL SECOND FLOOR POWER & SYSTEMS PLAN
AS-BUILT

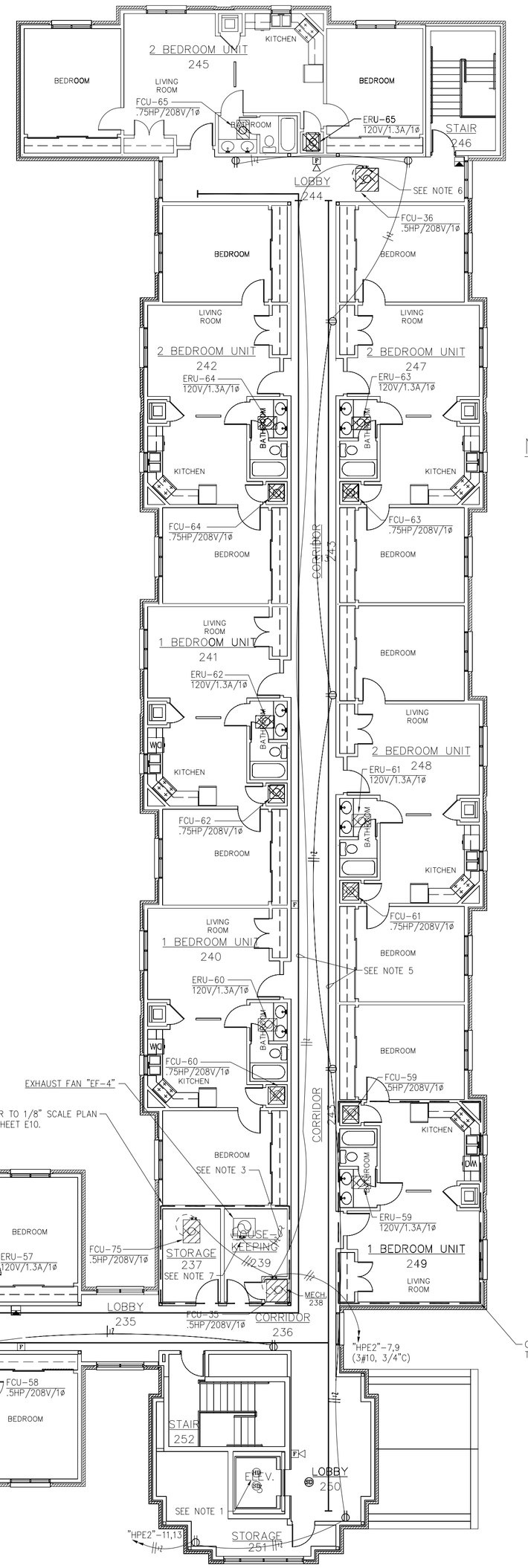
DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E8
SCALE: AS NOTED	99 OF 108



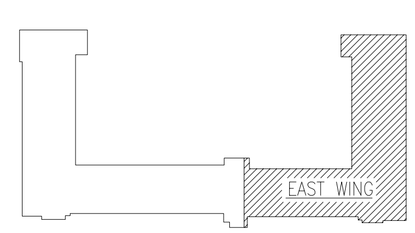
2 1/4" SCALE PLAN – POWER & SYSTEMS
SCALE :1/4"=1'-0"
RE :



3 1/4" SCALE PLAN – POWER & SYSTEMS
SCALE :1/4"=1'-0"
RE :



1 PARTIAL SECOND FLOOR POWER & SYSTEMS PLAN – EAST WING
SCALE :3/32"=1'-0"
RE :



KEY PLAN

NOTES:

1. INSTALL SMOKE DETECTOR AND HEAT DETECTOR AT TOP OF SHAFT.
2. FLEX/LIQUIDTIGHT CONNECTION TO MOTORS NOT TO EXCEED 6'-0".
3. DOWN TO ROOM RECEPTACLE CIRCUIT.
4. PROVIDE TOGGLE SWITCH AND CONTACTOR EQUAL TO SQUARE D # DP11V14 IN NEM 1 ENCLOSURE EXHAUST FAN CONTROL.
5. PROVIDE CENTER SUPPORTED CABLE MANAGEMENT LADDER 4" ABOVE CEILING ON BOTH SIDES OF CORRIDOR IN APPROPRIATE LOCATION SHOWN. FIELD COORDINATE EXACT LOCATION FOR ACCESSIBILITY.
6. COMBINATION SIZE 0 STARTER/NFDS/208V/1ø MOUNTED ON UNIT. FIELD COORDINATE LOCATION FOR ACCESSIBILITY. TYPICAL.
7. COMBINATION SIZE 0 STARTER/NFDS/120V/1ø MOUNTED ON UNIT. FIELD COORDINATE LOCATION FOR ACCESSIBILITY.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

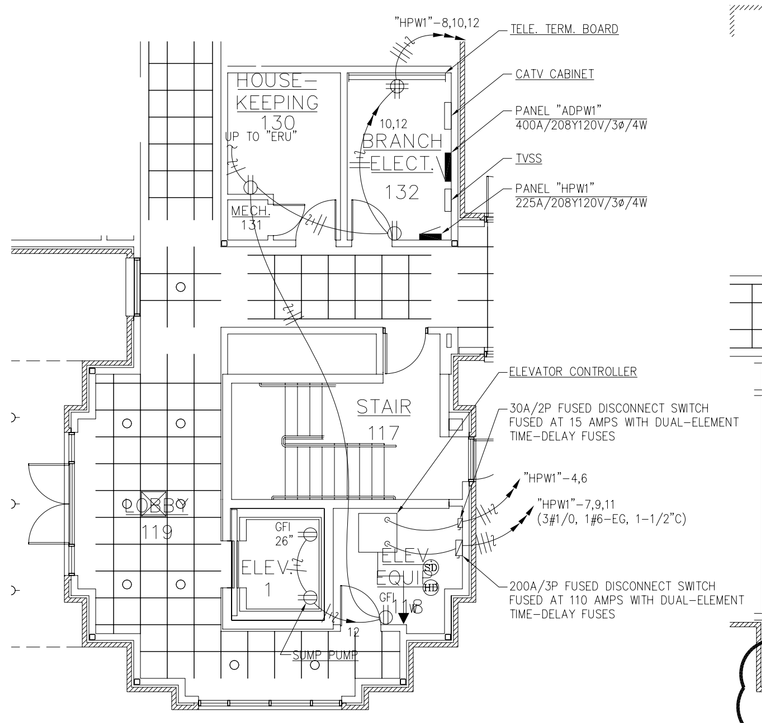
CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

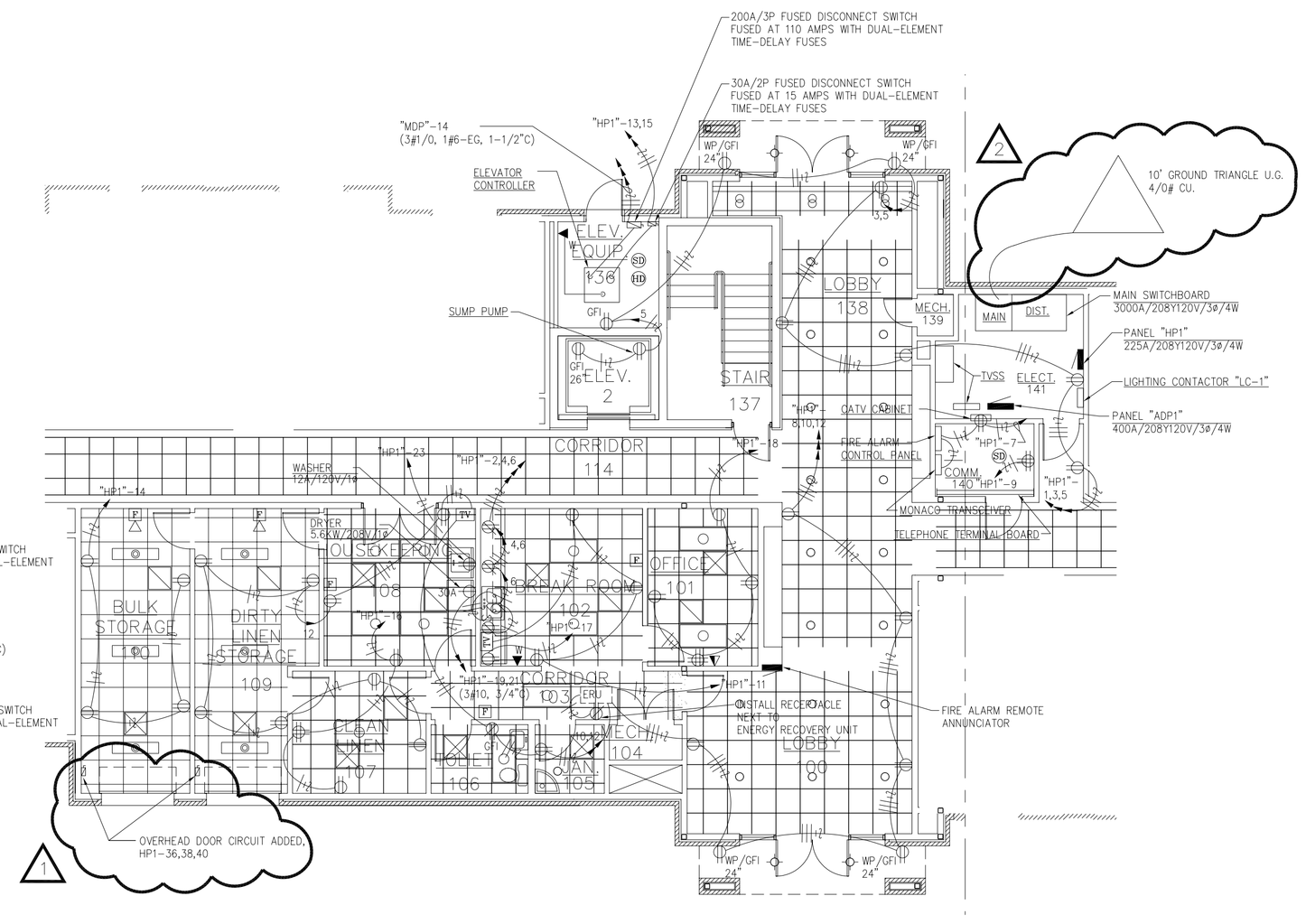
No.	Revision/Issue	Date	BY	APP'D
2.	Relocated MP-2, 3, 4, & 5 to the locations noted			
1.	Relocated VFD CHP-1 & 2 to the locations noted			

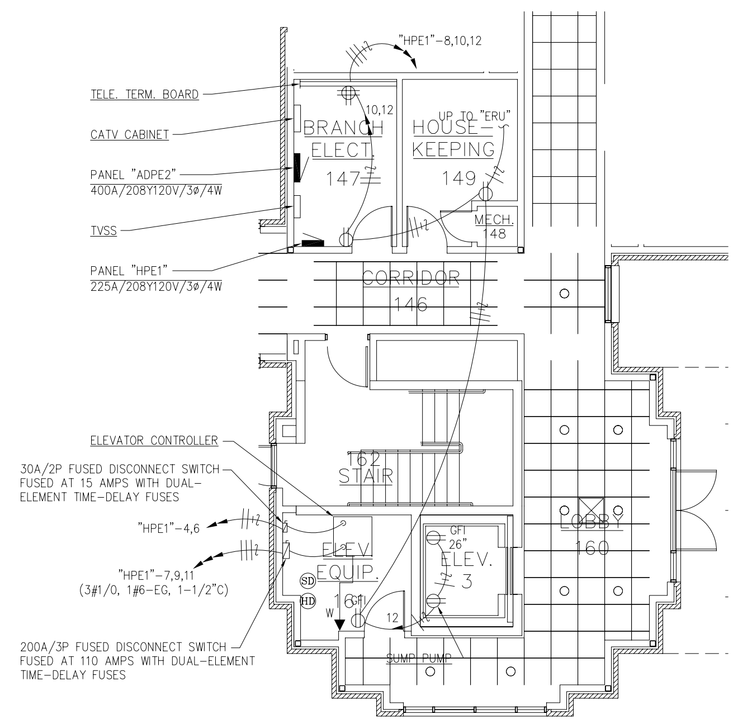
PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
PARTIAL SECOND FLOOR POWER & SYSTEMS PLAN
AS-BUILT

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E9
SCALE: AS NOTED	100 OF 108



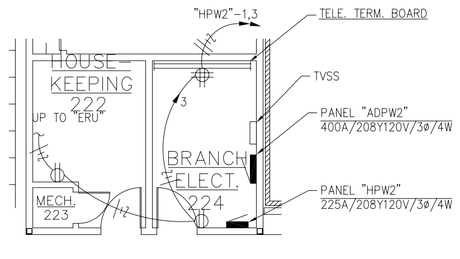


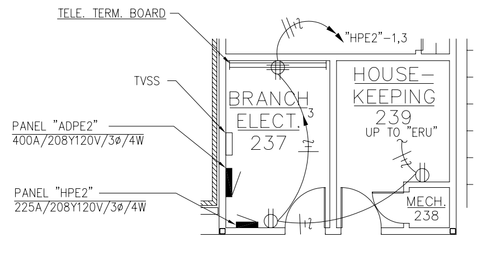


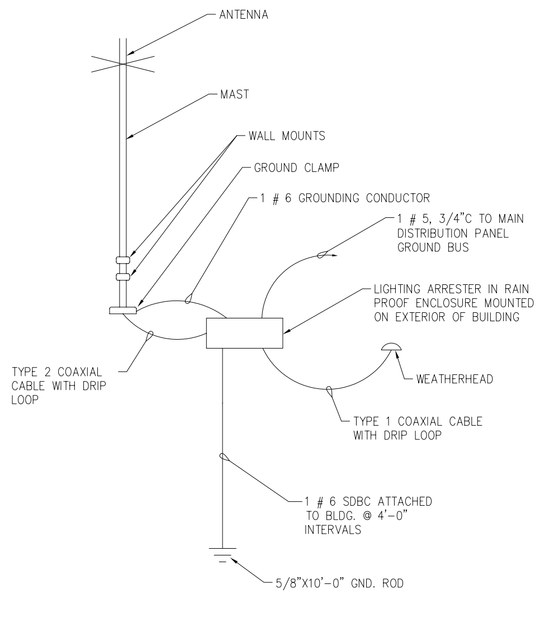
1 FIRST FLOOR PARTIAL PLAN – ELECTRICAL
SCALE :1/8"=1'-0"

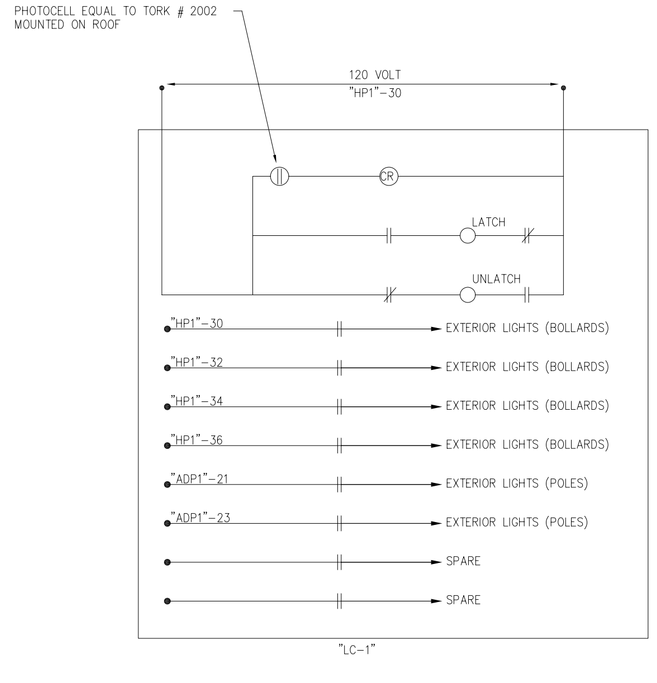
2 FIRST FLOOR PARTIAL PLAN – ELECTRICAL
SCALE :1/8"=1'-0"

3 FIRST FLOOR PARTIAL PLAN – ELECTRICAL
SCALE :1/8"=1'-0"









NOTES:

1. MECHANICALLLY HELD LIGHTING CONTACTOR NEMA 1 ENCLOSURE EQUIVALENT TO SQUARE D LXG-80-120 VOLT WITH CONTROL RELAY LOCATED IN MAIN ELECTRIC ROOM.

4 SECOND FLOOR PARTIAL PLAN – ELECTRICAL
SCALE :1/8"=1'-0"

5 SECOND FLOOR PARTIAL PLAN – ELECTRICAL
SCALE :1/8"=1'-0"

6 MONACO ANTENNA MOUNTING DETAIL
SCALE :NONE

7 EXTERIOR LIGHTING CONTROL DIAGRAM
SCALE :NONE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
2	10' Ground Triangle U.G. 4/0# cu.			
1	Overhead Door Circuit added HP1 - 36, 38, & 40			

PROJECT TITLE

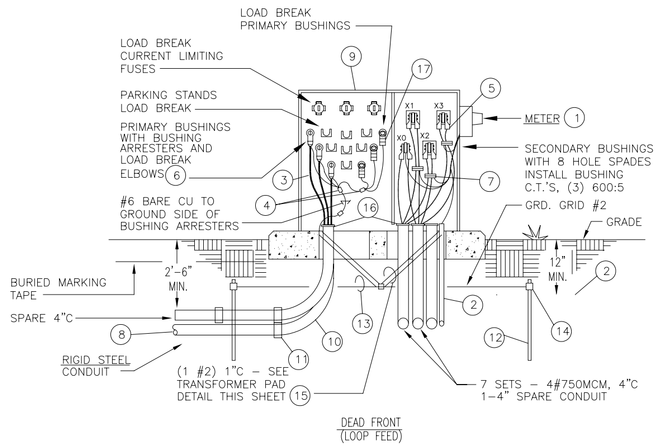
TEMPORARY LODGING FACILITY
AS-BUILT

SHEET TITLE

PARTIAL FLOOR PLANS – ELECTRICAL AND EXTERIOR LIGHTING CONTROL DIAGRAM

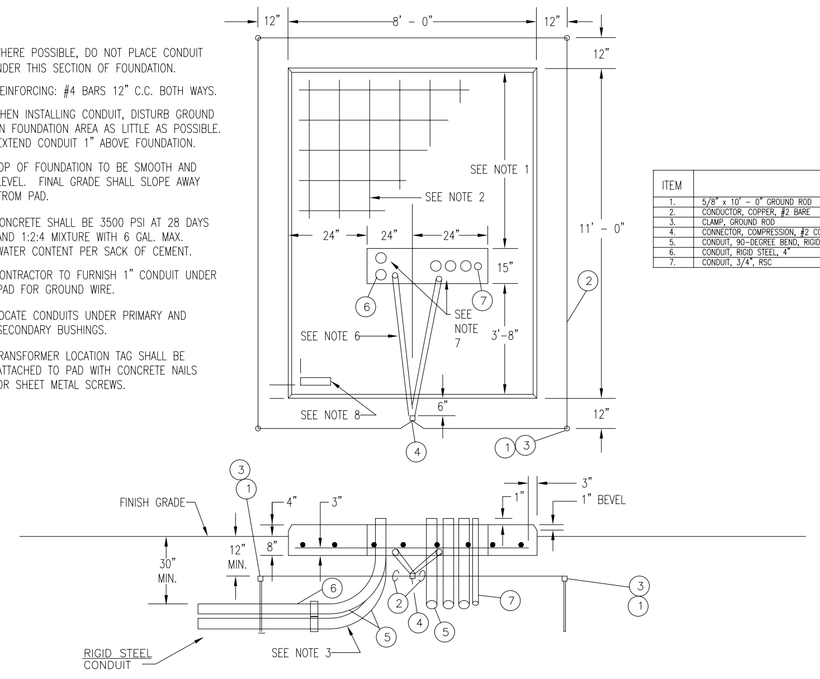
DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E10
SCALE: AS NOTED	101 OF 108

TRANSFORMER LEGEND			
ITEM	DESCRIPTION		QUAN.
1.	NEW KW/KWH METER		AS REQ'D.
2.	3 #12'S, 3/4" RIGID STEEL CONDUIT TO ENERGY MANAGEMENT SYSTEM		AS REQ'D.
3.	CABLE, UNDERGROUND COPPER PRIMARY	(NO. 2 AWG)	AS REQ'D.
4.	CONNECTOR, COMPRESSION, COPPER	(REQUIRED SIZE)	2
5.	CLEVIS, PRIMARY LOAD BREAK	(5/8" HOLE)	6
6.	ELBOW, PRIMARY, LOAD BREAK	(600 AMP, NO. 2 AWG)	3
7.	TRANSFORMER, CURRENT	(600:5)	3
8.	CONDUIT, RIGID STEEL, 4"		AS REQ'D.
9.	TRANSFORMER, PAD-MOUNTED	(1000KVA)	1
10.	RIGID STEEL ELBOWS, 4"		AS REQ'D.
11.	5/8" X 8'-0" GROUND ROD		4
12.	#2 BARE COPPER CONDUCTOR		AS REQ'D.
13.	GROUND ROD CLAMP		4
14.	#2 COPPER COMPRESSION CONNECTOR		1
15.	CONDUIT BUSHING		5
16.	ARRESTER/ELBOW, COMBINATION		3



NOTE:

1. WHERE POSSIBLE, DO NOT PLACE CONDUIT UNDER THIS SECTION OF FOUNDATION.
2. REINFORCING: #4 BARS 12" C.C. BOTH WAYS.
3. WHEN INSTALLING CONDUIT, DISTURB GROUND IN FOUNDATION AREA AS LITTLE AS POSSIBLE. EXTEND CONDUIT 1" ABOVE FOUNDATION.
4. TOP OF FOUNDATION TO BE SMOOTH AND LEVEL. FINAL GRADE SHALL SLOPE AWAY FROM PAD.
5. CONCRETE SHALL BE 3500 PSI AT 28 DAYS AND 1-2-4 MIXTURE WITH 6 GAL. MAX. WATER CONTENT PER SACK OF CEMENT.
6. CONTRACTOR TO FURNISH 1" CONDUIT UNDER PAD FOR GROUND WIRE.
7. LOCATE CONDUITS UNDER PRIMARY AND SECONDARY BUSHINGS.
8. TRANSFORMER LOCATION TAG SHALL BE ATTACHED TO PAD WITH CONCRETE NAILS OR SHEET METAL SCREWS.



ITEM	DESCRIPTION	QUAN.
1.	5/8" x 10' - 0" GROUND ROD	4
2.	CONDUCTOR, COPPER, #2 BARE	AS REQ'D
3.	CLAMP, GROUND ROD	4
4.	CONNECTOR, COMPRESSION, #2 COPPER	1
5.	CONDUIT, 90-DEGREE BEND, RIGID STEEL CONDUIT, (REQUIRED SIZE)	AS REQ'D
6.	CONDUIT, RIGID STEEL, 4"	AS REQ'D
7.	CONDUIT, 3/4", RSC	AS REQ'D

1 THREE PHASE TRANSFORMER PAD AND CONNECTION DETAIL

SCALE: NONE

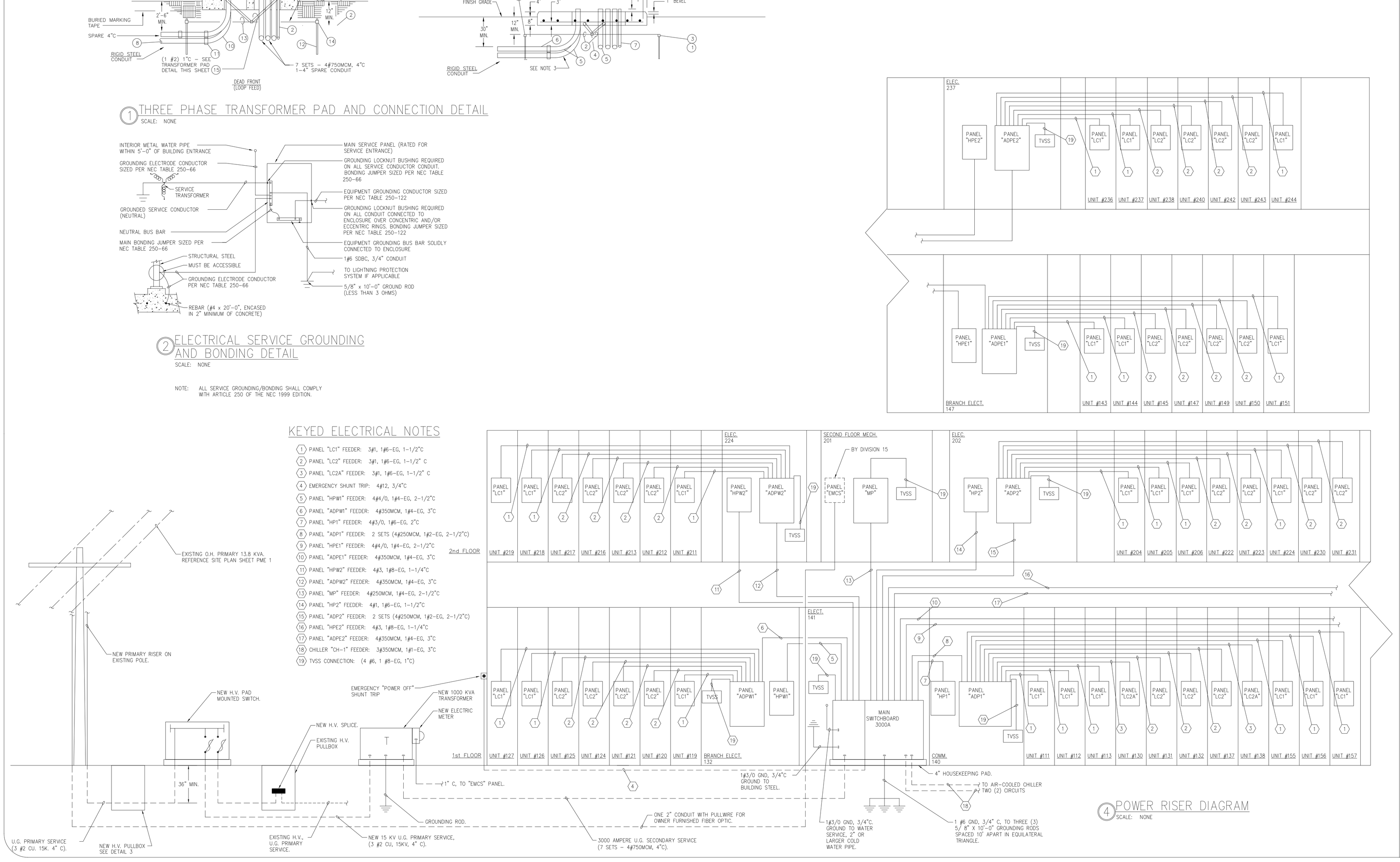
2 ELECTRICAL SERVICE GROUNDING AND BONDING DETAIL

SCALE: NONE

NOTE: ALL SERVICE GROUNDING/BONDING SHALL COMPLY WITH ARTICLE 250 OF THE NEC 1999 EDITION.

KEYED ELECTRICAL NOTES

1. PANEL "LC1" FEEDER: 3#1, 1#6-EG, 1-1/2"C
2. PANEL "LC2" FEEDER: 3#1, 1#6-EG, 1-1/2" C
3. PANEL "LC2A" FEEDER: 3#1, 1#6-EG, 1-1/2" C
4. EMERGENCY SHUNT TRIP: 4#12, 3/4"C
5. PANEL "HPW1" FEEDER: 4#4/0, 1#4-EG, 2-1/2"C
6. PANEL "ADPW1" FEEDER: 4#350MCM, 1#4-EG, 3"C
7. PANEL "HP1" FEEDER: 4#3/0, 1#6-EG, 2"C
8. PANEL "ADP1" FEEDER: 2 SETS (4#250MCM, 1#2-EG, 2-1/2"C)
9. PANEL "HPE1" FEEDER: 4#4/0, 1#4-EG, 2-1/2"C
10. PANEL "ADPE1" FEEDER: 4#350MCM, 1#4-EG, 3"C
11. PANEL "HPW2" FEEDER: 4#3, 1#8-EG, 1-1/4"C
12. PANEL "ADPW2" FEEDER: 4#350MCM, 1#4-EG, 3"C
13. PANEL "MP" FEEDER: 4#250MCM, 1#4-EG, 2-1/2"C
14. PANEL "HP2" FEEDER: 4#1, 1#6-EG, 1-1/2"C
15. PANEL "ADP2" FEEDER: 2 SETS (4#250MCM, 1#2-EG, 2-1/2"C)
16. PANEL "HPE2" FEEDER: 4#3, 1#8-EG, 1-1/4"C
17. PANEL "ADPE2" FEEDER: 4#350MCM, 1#4-EG, 3"C
18. CHILLER "CH-1" FEEDER: 3#350MCM, 1#1-EG, 3"C
19. TVSS CONNECTION: (4 #6, 1 #8-EG, 1"C)



4 POWER RISER DIAGRAM

SCALE: NONE

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

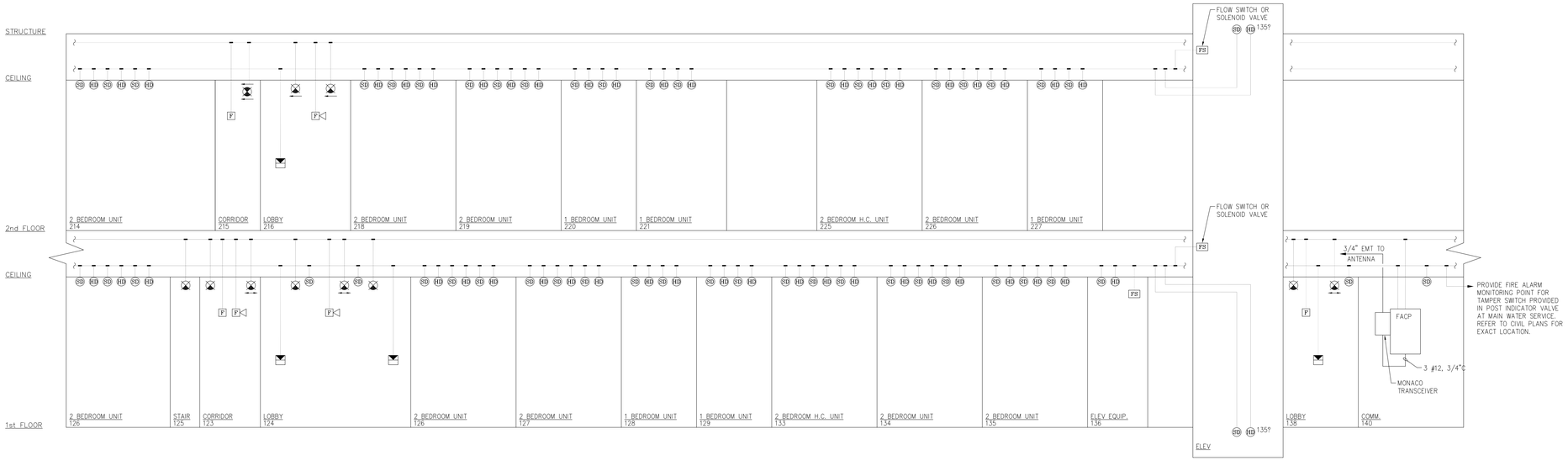
TEMPORARY LODGING FACILITY

SHEET TITLE

ELECTRICAL POWER SYSTEM RISER DIAGRAM

AS-BUILT

DRAWN BY: BTM	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E11
SCALE: NONE	102 OF 108



1 FIRE ALARM SYSTEM RISER DIAGRAM (WEST)

SCALE: NONE

NOTE: ALL WIRING/CABLING SHOWN SHALL BE IN CONDUIT, 1/2" MINIMUM SIZE.

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

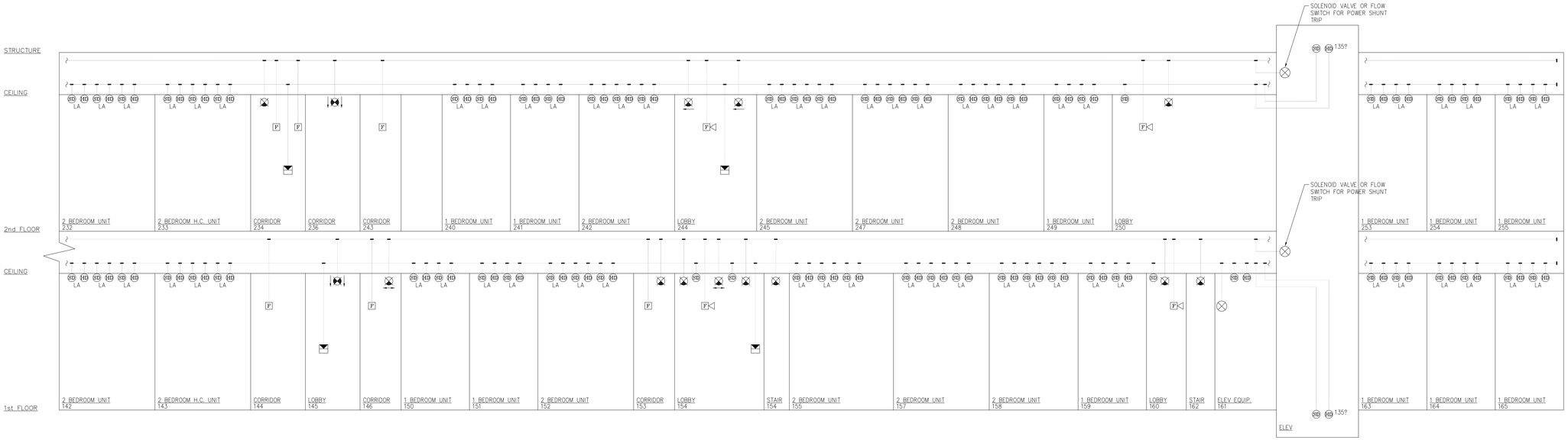
TEMPORARY LODGING FACILITY

SHEET TITLE

FIRE ALARM SYSTEM RISER DIAGRAM (WEST)

AS-BUILT

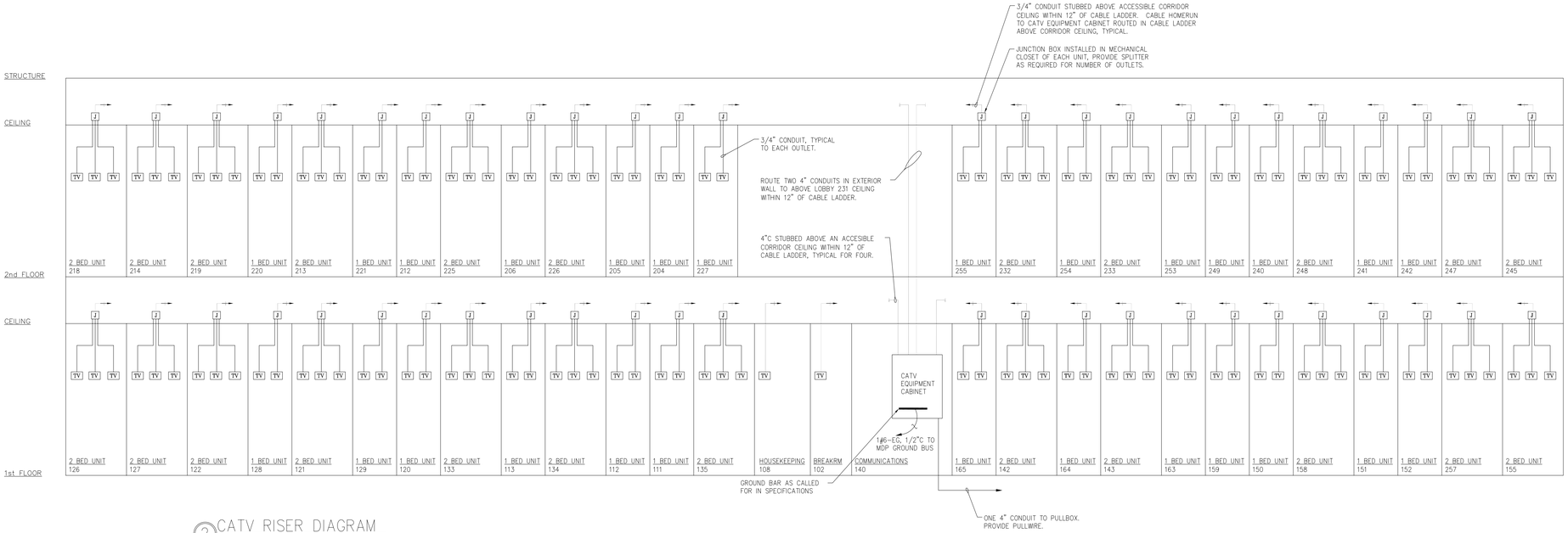
DRAWN BY: BTM	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E12
SCALE: NONE	103 OF 108



1 FIRE ALARM SYSTEM RISER DIAGRAM (EAST)

SCALE: NONE

NOTE: ALL WIRING/CABLING TO BE INSTALLED IN CONDUIT, 2 1/2" MINIMUM SIZE.



2 CATV RISER DIAGRAM

SCALE: NONE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

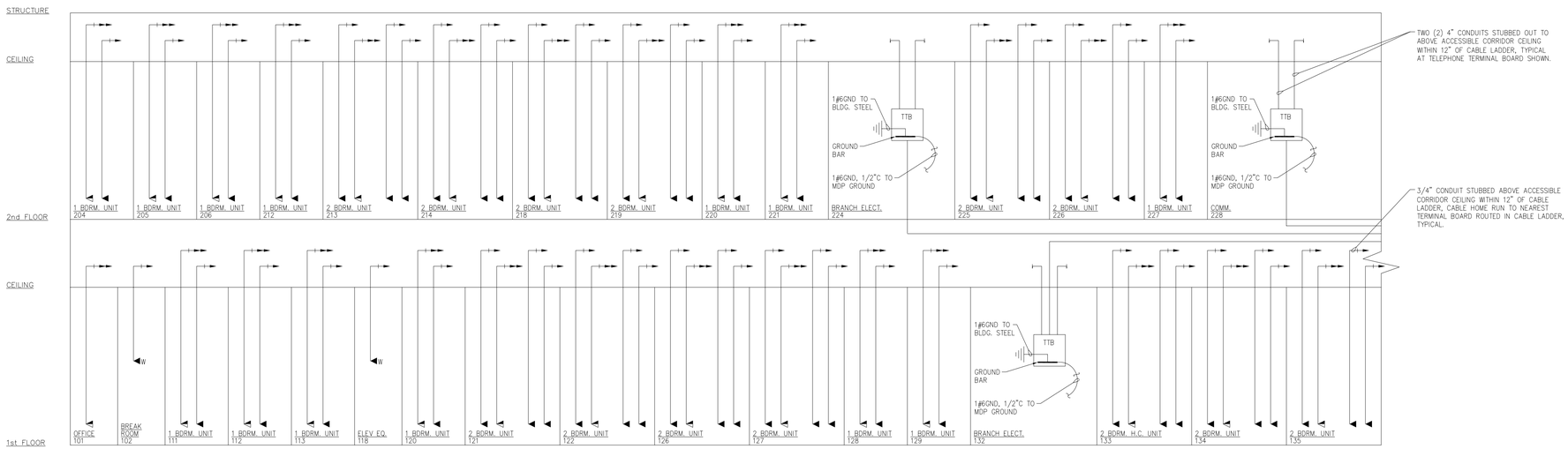
PROJECT TITLE

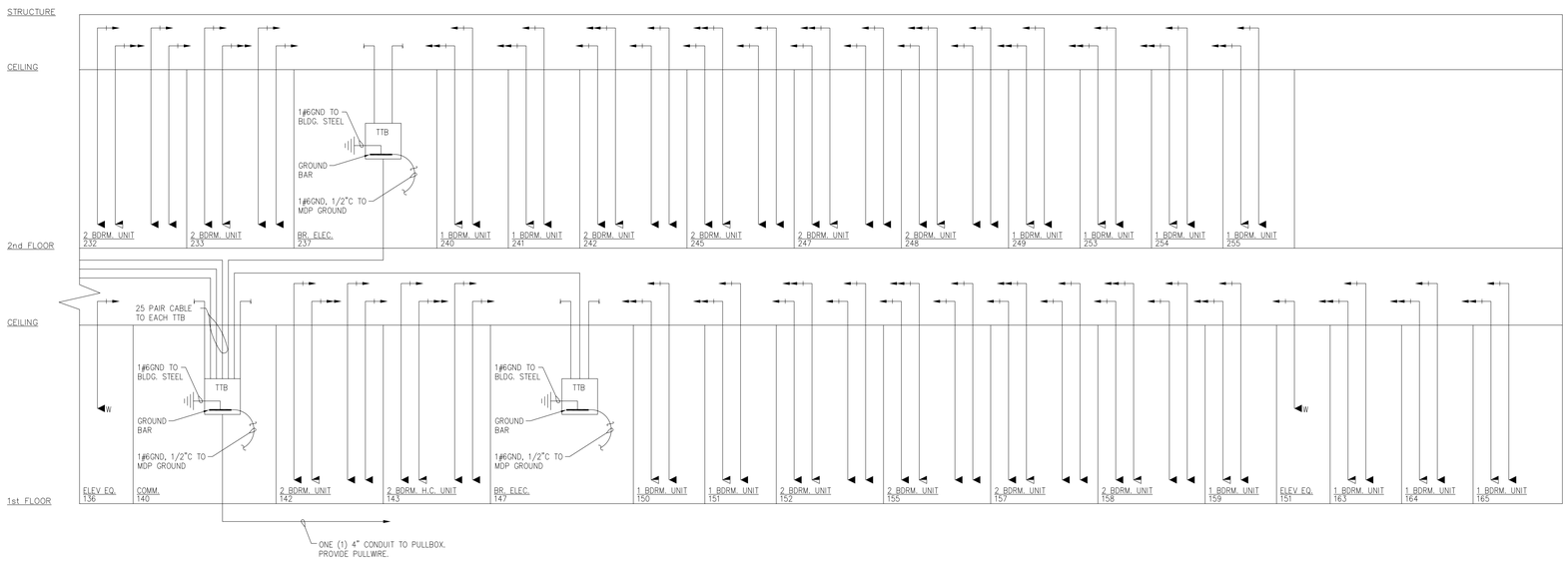
TEMPORARY LODGING FACILITY

SHEET TITLE

SYSTEM RISER DIAGRAMS AS-BUILT

DRAWN BY: BTM	LEAD DESIGNER: BRM
TECH REVIEWER	FILE LOCATION
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E13
SCALE: NONE	104 OF 108





1 SYSTEMS RISER DIAGRAM
SCALE: NONE

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
SYSTEMS RISER DIAGRAM

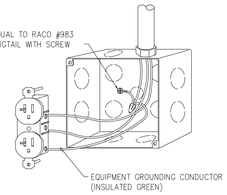
DRAWN BY: BTM	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E14
SCALE: NONE	105 OF 108

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER CAT. NO.	VOLT	LAMP	REMARKS
A	LITHONIA #AF226DTT8ARLS120-GEB10	120	2-26WDTT/35/4PIN	8" ROUND RECESSED COMPACT FLUORESCENT CAN FIXTURE
A1	LITHONIA #AF226DTT8ARLS120-GEB10-EL	120	2-26WDTT/35/4PIN	8" ROUND RECESSED COMPACT FLUORESCENT CAN FIXTURE WITH BODINE EMERGENCY BATTERY BALLAST
B	NEORAY #79PF/1BX-XX	120	1-39W BIAX PER 2' SECTION	RECESSED WALL WASH SYSTEM, LENGTH AS SHOWN ON PLANS
C	LITHONIA #AH-100S-7-AR-120	120	1-100W HPS	7" RECESSED HID CAN FIXTURE
D	LITHONIA #C-2-32-120-HPF-CASR-48-WH-WGCASR	120	2-F32T8/SPX35	4' FLUORESCENT STRIP WITH ASYMMETRICAL REFLECTOR AND WIRE GUARD
D1	LITHONIA #C-2-32-120-HPF-CASR-48-WH-WGCASR-EL	120	2-F32T8/SPX35	4' FLUORESCENT STRIP WITH ASYMMETRICAL REFLECTOR, WIRE GUARD, AND BODINE B-50 EMERGENCY BATTERY BALLAST
E	LITHONIA #WS-2-32-A12125-120-EL	120	2-F32T8/SPX35	4' WALL MOUNTED FLUORESCENT FIXTURE WITH BODINE B-50 EMERGENCY BATTERY BALLAST
F	LITHONIA #SM-1-32-120-HPF-EL	120	1-F32T8/SPX35	4' SLIM LINE FLUORESCENT STRIP FIXTURE WITH BODINE B-50 EMERGENCY BATTERY BALLAST
G	LITHONIA #2SP-G-2-32-RN-A12125-120	120	2-F32T8/SPX35	2'X4' LAY-IN FLUORESCENT
G1	LITHONIA #2SP-G-2-32-RN-A12125-120-EM	120	2-F32T8/SPX35	2'X4' LAY-IN FLUORESCENT WITH EMERGENCY BALLAST
H	HALO #H37T-401 AL	120	W/ UNIT	CEILING MOUNTED HEAT LAMP
I	LIGHTOLIER #5453-PC	120	4-60W G25 CLEAR	3' WALL MOUNTED FIXTURE
K	ALPHA #G06 FROSTED-PT719-901QJ	120	1-50W MR16	PENDANT MOUNTED FIXTURE
L	LIGHTOLIER #5454-PC	120	6-60W G25 CLEAR	4' WALL MOUNTED FIXTURE
M	LITHONIA #2SP-G-4-32-RN-A12125-120-TGFMKT	120	4-F32T8/SPX35	2' X 4' LAY-IN FLUORESCENT FIXTURE (4 LAMP) WITH TRIPLE MYLAR GASKET AND FRAME KIT
N	QL LIGHTING #SL-21-F-HPS-400-208-DBZ W/ 30' SQSS-30-5.0-11 POLE	208	1-400W HPS	30' SQUARE DARK BRONZE POLE W/ DARK BRONZE SHOE BOX
O	HALO #H71CT-172 PS	120	1-60W A19	SHOWER LIGHT
P	QL LIGHTING #PBR-8-42-CLL-HPS-100-120-DBZ	120	1-100W HPS	42" HIGH, 8" ROUND BOLLARD, DARK BRONZE
Q	HUNTER #22427 W/ #4 OAK BLADES(#22498) AND LOW PROFILE OPAL GLASS	120	W/ UNIT	CEILING FAN WITH LIGHT KIT
R	DAVIS MULLER #54510-1-2G26-TD-1-WH	120	2-26W DTT/35/4PIN	WALL SCONCE
S	LITHONIA #2S-25-120-GEB-SWR	120	1-F25T8/SPX35	2' UNDER COUNTER LIGHT WITH INTEGRAL ROCKER SWITCH
T	HALO #H803-810BA	120	2-26W DTT/35/4PIN	7-3/8" COMPACT FLUORESCENT DOWN LIGHT WITH BLACK BAFFLE
U	METALUX #6313	120	1-F25TB/SPX 35	WALL MOUNTED FLUORESCENT
V	METALUX #6C-132-120V-GEB81	120	1-F25TB/SPX 35	CLOSET LIGHT
⊠	EXIDE #E803WSROTF	120	LED W/ UNIT	SINGLE FACE EXIT SIGN (ARROWS AS INDICATED ON DRAWINGS)
⊠	EXIDE #E803WDROTF	120	LED W/ UNIT	DOUBLE FACE EXIT SIGN (ARROWS AS INDICATED ON DRAWINGS)

SYMBOLS SCHEDULE

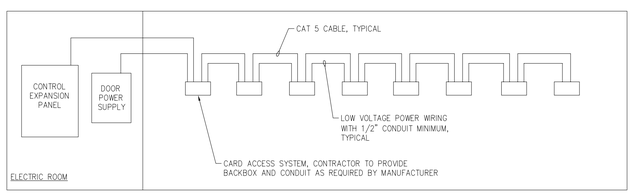
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
▭	FLUORESCENT LIGHTING OUTLET – CEILING MOUNTED	⊕	DUPLEX RECEPTACLE
▭	EMERGENCY LIGHTING OUTLET – CEILING MOUNTED	GFI/WP ⊕	DUPLEX RECEPTACLE – GROUND FAULT INTERRUPTING AND WEATHER-PROOF TYPES AS INDICATED ON PLANS
○	INCANDESCENT, COMPACT FLUORESCENT, OR HID LIGHTING OUTLET – CEILING MOUNTED	⊕	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP – VERIFY MOUNTING HEIGHT WITH ARCHITECTURAL DRAWINGS
○	INCANDESCENT, COMPACT FLUORESCENT, OR HID LIGHTING OUTLET – WALL MOUNTED	⊕	QUADRAPLEX RECEPTACLE
▭	FLUORESCENT STRIP FIXTURE	⊕	SPECIAL PURPOSE OUTLET – NEMA CONFIGURATION (VOLTAGE, AMPACITY) INDICATED
▭	FLUORESCENT STRIP FIXTURE – EMERGENCY	■	NONFUSED DISCONNECT SWITCH – SIZE NOTED ON PLAN
⊠	EXIT SIGN	⋈	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH
⊠	EXIT SIGN – WALL MOUNTED	▭	FUSED DISCONNECT
S	SINGLE-POLE SWITCH	∿	ELECTRIC MOTOR
S_3	THREE-WAY SWITCH	▬	SURFACE MOUNTED PANEL BOARD
S_D	DIMMER CONTROL SWITCH – DUAL SLIDE TYPE FOR CEILING FANS	▬	FLUSH MOUNTED PANEL BOARD
S_M	MANUAL MOTOR STARTER WITH OVERLOADS, TOGGLE OPERATED	═	TELEPHONE TERMINAL BOARD
S_P	SINGLE-POLE SWITCH WITH PILOT LIGHT	▼	TELEPHONE OUTLET
$S_a S_b$	MULTI-LEVEL SWITCHES: Sa – SWITCHES 2 OUTBOARD LAMPS & Sb – SWITCHES INBOARD LAMPS	W ▼	TELEPHONE OUTLET – WALL MOUNTED
◉	DOORBELL PUSHBUTTON EQUAL TO EDWARDS #620 WITH EDWARDS #591 TRANSFORMER	▽	COMPUTER OUTLET
	BRANCH CIRCUIT IN CONDUIT – HOT LEG, SWITCH LEG, NEUTRAL, AND EQUIPMENT GROUND	▼	COMBINATION TELEPHONE/COMPUTER OUTLET
	BRANCH CIRCUIT HOMERUN – PANEL & CIRCUIT NUMBER INDICATED	TV	COMBINATION TELEVISION OUTLET/DUPLEX RECEPTACLE MOUNTED AT SPECIFIED HEIGHT
	CONDUIT CONCEALED IN OR BELOW FLOOR SLAB	F	FIRE ALARM AUDIO/VISUAL DEVICE
	EMERGENCY CIRCUIT IN CONDUIT	F	FIRE ALARM VISUAL DEVICE
	FLEXIBLE CONDUIT	F	FIRE ALARM PULL STATION
* ER	DASHED INDICATES EXISTING EXISTING RELOCATED	HD	HEAT DETECTOR
AC NS	ABOVE COUNTER NON-SWITCHED	SD LA	SMOKE DETECTOR – "LA" INDICATES LOCAL ALARM TYPE DETECTOR WITH HORN BASE
AFF AFG	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE	CR	CARD READER – ACCESS CONTROL
OS	OCCUPENCY SENSOR WITH JEWELED SWITCH FOR HEAT SOURCES EQUAL TO LITHONIA LITHONIC #LIRW-120W-LIAC-SCP-WH	B	DOOR BELL ALARM EQUAL TO EDWARDS #653&-F5



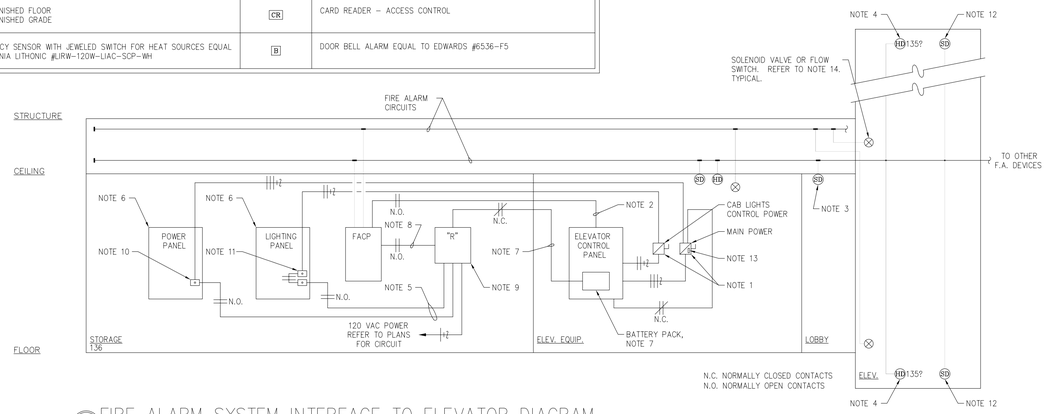
1 DEVICE/JUNCTION BOX GROUNDING DETAIL
SCALE: NONE

GENERAL NOTES

1. EACH CIRCUIT SHALL HAVE AN EQUIPMENT GROUNDING CONDUCTOR, AND MULTI-WIRE CIRCUITS OF DIFFERENT PHASES MAY SHARE EQUIPMENT GROUND CONDUCTOR. EQUIPMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
2. ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
3. MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED FOR BRANCH HOMERUNS. MINIMUM CONDUIT SIZE SHALL BE 1/2" FOR ALL OTHER BRANCH CIRCUIT CONDUIT.
4. ALL WIRING DEVICES SHALL BE INSTALLED PLUMB, SQUARE, AND TRUE; AND ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED.
5. MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE SPECIFIED.
6. ALL WORK SHALL COMPLY WITH THE CURRENT EDITION OF THE NATIONAL ELECTRICAL CODE.
7. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATIONS OF ALL WIRING DEVICES.
8. CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL LAY-IN LIGHT FIXTURES.
9. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR MARKING ALL SWITCHES, RECEPTACLES, AND FIXED EQUIPMENT WITH THE BRANCH CIRCUIT PANEL NAME AND NUMBER SERVING EACH DEVICE.
10. ALL CONDUIT SHALL BE INSTALLED AS HIGH AS POSSIBLE (MOUNT TO BOTTOM OF STRUCTURE) TO AVOID CONFLICTS WITH DUCTWORK AND PIPING. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
11. ON THREE PHASE, FOUR WIRE SYSTEMS, DO NOT USE A COMMON NEUTRAL FOR MORE THAN THREE CIRCUITS. MORE THAN THREE CIRCUITS IN ANY ONE CONDUIT IS NOT ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.
12. ON SINGLE PHASE, THREE WIRE SYSTEMS, DO NOT USE A COMMON NEUTRAL FOR MORE THAN TWO CIRCUITS. MORE THAN TWO CIRCUITS IN ANY ONE CONDUIT IS NOT ALLOWED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.



3 PARTIAL RISER DIAGRAM FOR BID OPTION #3
SCALE: NONE.



2 FIRE ALARM SYSTEM INTERFACE TO ELEVATOR DIAGRAM
SCALE: NONE

NOTES:

1. FUSED DISCONNECT SWITCH, SIZE AS STATED ON DRAWINGS.
2. ELEVATOR RECALL SIGNAL (PHASE I FIRE SERVICE) FROM FACP TO ELEVATOR CONTROL PANEL.
3. EACH ELEVATOR LOBBY SMOKE DETECTOR PROGRAMMED IN THE FACP TO RETURN THE CAB TO ALTERNATE DESIGNATED FLOOR IF DETECTOR IS ACTIVATED.
4. TEMPERTURE SETTING OF HEAT DETECTOR SET LOWER THAN SPRINKLER HEAD. ACTIVATION OF THE MACHINE ROOM OR SHAFT MOUNTED HEAT DETECTOR SHALL INITIATE GENERAL BUILDING ALARM, ELEVATOR RECALL FUNCTION, AND SHUNT TRIP POWER FEEDERS AFTER ELEVATOR CAB IS STOPPED AT DESIGNATED FLOOR AND DOORS ARE LOOKED OPEN. ACTIVATION OF SPRINKLER SOLENOID (IF PROVIDED) TO BE INITIATED BY HEAT DETECTOR AFTER POWER SHUNT TRIP.
5. SHUNT TRIP SIGNAL (120 VAC) FROM RELAY BOX "R" TO CIRCUIT BREAKER PANEL.
6. REFER TO PLAN SHEETS FOR PANEL DESIGNATIONS, CIRCUITS, WIRE, AND CONDUIT SIZES.
7. CIRCUIT DISCONNECT FOR ELEVATOR BATTERY PACK WHERE PROVIDED. CONNECT AS DIRECTED BY THE ELEVATOR INSTALLER.
8. SIGNAL FROM FACP TO ENERGIZE RELAY "R."
9. RELAY BOX IS 12" x 12" x 6" WITH SCREW-ON COVER. PROVIDE A 4PDT RELAY (COIL VOLTAGE TO INTERFACE WITH FACP).
10. 3 POLE SHUNT TRIP CIRCUIT BREAKER FOR ELEVATOR MOTOR.
11. 1 POLE SHUNT TRIP CIRCUIT BREAKER FOR ELEVATOR CONTROL CIRCUIT AND ELEVATOR LIGHTS.
12. SHAFT MOUNTED SMOKE DETECTORS, WHEN ACTIVATED, SHALL INITIATE THE ELEVATOR RECALL FUNCTION AND SOUND THE GENERAL BUILDING ALARM.
13. PROVIDE ONE FORM "C" INTERLOCK ON MAIN POWER DISCONNECT. UNDER SERVICE CONDITIONS, INTERLOCK TELLS ELEVATOR CONTROL NOT TO LOWER CAB.
14. ACTUATION OF THIS DEVICE WILL INITIATE GENERAL BUILDING ALARM AND SHUNT TRIP POWER TO MACHINE ROOM.
15. ACTIVATION OF SHAFT AND/OR MACHINE ROOM SOLENOID/FLOW SWITCH SHALL AUTOMATICALLY SHUNT TRIP POWER TO MACHINE ROOM AND ACTIVATE GENERAL ALARM.

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	No Changes from Design to As-Built			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

ELECTRICAL GENERAL NOTES AND SCHEDULES

AS-BUILT

DRAWN BY: KRD	LEAD DESIGNER: BRM
TECH REVIEWER:	FILE LOCATION:
DESIGNED BY: BTM	PROJECT NUMBER: NKAK02-5001
DATE: 28 MAY 2002	SHEET: E15
SCALE: NONE	106 OF 108

5,353 AMPS

SERVICE RATED SWITCHBOARD: MDP	VOLTAGE: 208Y120	BUS RATING: 3000A	MAIN: 3000AF/3000AT BREAKER*	TOTAL CONNECTED VA: 1,928,561
LOCATION: MAIN ELECTRICAL ROOM 141	MFG AND TYPE: SQUARE D QED SWITCHBOARD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 682,127
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 65,000	FED FROM: UTILITY	TOTAL BØ: 652,920 / TOTAL CØ: 593,514

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
16,870			PANEL ~~"HP1"~~ "HPW2"	3	1	2	3	PANEL ~~"HP2"~~ "HPE2"	9,190		
	16,621				–	–				9,002	
		15,110			200	–	125				8,710
112,600			PANEL ~~"ADP1"~~ "HP1"	3	3	4	3	PANEL ~~"ADP2"~~ "HP2"	109,560		
	99,380				–	–				96,940	
		100,900			500	–	500				96,730
21,090			PANEL ~~"HPE1"~~ "MP"	3	5	6	3	PANEL ~~"HPE2"~~ "HPE2"	6,020		
	20,410				–	–				4,750	
		19,120			225	–	100				3,626
68,990			PANEL ~~"ADPE1"~~ "ADPW1"	3	7	8	3	PANEL ~~"ADPE2"~~ "ADPE1"	68,990		
	69,510				–	–				69,510	
		55,280			300	–	300				55,280
20,120			PANEL ~~"HPW1"~~ "ADPW2"	3	9	10	3	PANEL ~~"HPW2"~~ "ADPE2"	6,020		
	17,660				–	–				4,750	
		18,150			225	–	100				3,626
68,990			PANEL ~~"ADPW1"~~ "CHILLER CKT. #1"	3	11	12	3	PANEL ~~"ADPW2"~~ "ADP1"	68,990		
	69,510				–	–				69,510	
		55,280			300	–	300				55,280
18,955			PANEL ~~"HP"~~ "CHILLER CKT. #2"	3	13	14	3	~~ELEVATOR (CENTER)~~ "ADP2"	10,450		
	19,625				–	–		~~20 HP/208V/3Ø~~		10,450	
		20,680			250	–	125				10,450
37,706			~~CHILLER "CH" CIRCUIT #1~~ HPW1	3	15	16	3	~~TV RS~~ SPACE WITH BUS	–		
	37,706		~~21.4 FLA/208V/3Ø~~		–	–				–	
		37,706			600	–	–	60			–
37,586			~~CHILLER "CH" CIRCUIT #2~~ CENTER ELEVATOR	3	17	18	3	SPACE W/BUS			
	37,586		~~21.4 FLA/208V/3Ø~~		–	–					
		37,586			600	–	–	225			

* PROVIDE INTEGRAL PHASE LOSS AND REVERSAL PROTECTION

135AMPS

PANELBOARD: HP1	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 48,601
LOCATION: MAIN ELECTRICAL ROOM 141	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 16,870
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 16,621 / TOTAL CØ: 15,110

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1000			RECPTACLES MAIN ELECTRICAL ROOM	1/20	1	2	1/20	RECPT. BREAKROOM (COFFEEMAKER)	1200		
	1000		RECPTACLES EXTERIOR @ LOBBY 138	1/20	3	4	1/20	RECPT. BREAKROOM (MICROWAVE)		1200	
		1000	RECPTACLES CENTER ELEVATION PIT	1/20	5	6	1/20	RECPT. BREAKROOM (DISPOSAL)			1200
1000			RECPTACLES TELEPHONE TERM. BOARD	1/20	7	8	1/20	RECPT. LOBBY 100	1200		
	1000		RECPTACLES TELEVISION EQUIPMENT	1/20	9	10	1/20	RECPT. JANITOR 105		1200	
		1000	RECPTACLES BREAKROOM	1/20	11	12	1/20	RECPT. LINEN STORAGE 109			1200
1000			ELEVATOR CONTROLS	1/20	13	14	1/20	RECPT. LINEN STORAGE 110	1000		
	1000		ELEVATOR CAB LIGHTS	1/20	15	16	1/20	RECPT. HOUSEKEEPING 108		1000	
		1000	RECPTACLE BREAKROOM (REFRIG)	1/20	17	18	1/20	RECPTS OFFICE 108			1000
2,800			DRYER	2/	19	20	2/	FAN COIL UNITS 30 & 33 (ADDED 32)	2040		
	2,800		5600W/208V/1Ø	/30	21	22	/20	–		2040	
		1,440	WASHER	1/20	23	24	2/	FAN COIL UNITS 31, 72, & 73			1530
1330			LIGHTING CORRIDOR 114	1/20	25	26	/20	–	1530		
	1330		LIGHTING CORRIDOR 114	1/20	27	28	1/20	~~LIGHTING ELEC. 141~~ LOBBY LIGHTS		1281	
		1330	LIGHTING CORRIDOR 114	1/20	29	30	1/20	EXTERIOR LIGHTING			1520
1330			LIGHTING CORRIDOR 114	1/20	31	32	1/20	EXTERIOR LIGHTING	1440		
	1330		LIGHTING CORRIDOR 114	1/20	33	34	1/20	EXTERIOR LIGHTING		1440	
		1330	LIGHTING CORRIDOR 114	1/20	35	36	1/20	EXTERIOR LIGHTING			1560
			~~SPARE~~ REC. CHILLER	1/20	37	38	1/20	~~SPARE~~ OVERHEAD DOOR LIGHTS			
			~~SPARE~~ OUTSIDE LIGHT	1/20	39	40	1/20	~~SPARE~~ OVERHEAD DOOR LIGHTS			
			~~SPARE~~ ELEVATOR SHUNT POWER	1/20	41	42	1/20	~~SPARE~~ LIGHTS BREAK ROOM			

868.5 AMPS

PANELBOARD: ADP1	VOLTAGE: 208Y/120V	BUS RATING: 600A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 312,880
LOCATION: MAIN ELECTRICAL ROOM 141	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 112,600
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 42,000	FED FROM: MDP	TOTAL BØ: 99,380 / TOTAL CØ: 100,900

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
15,750			2 BEDROOM ADA UNIT 130	2	1	2	2	1 BEDROOM UNIT 113	14,110		
	14,230			/125	3	4	/125			13,230	
		15,750	2 BEDROOM ADA UNIT 138	2	5	6	2	1 BEDROOM UNIT 112			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 131	2	9	10	2	1 BEDROOM UNIT 111		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 132	2	13	14	2	1 BEDROOM UNIT 157	14,110		
	14,230			/125	15	16	/125			13,230	
		13,710	2 BEDROOM UNIT 137	2	17	18	2	1 BEDROOM UNIT 156			14,110
14,230				/125	19	20	/125		13,230		
	2,530		EXTERIOR LIGHTING	2	21	22	2	1 BEDROOM UNIT 155		14,110	
		2,530		/30	23	24	/125				13,230
–			TV SS	3	25	26	2	SPACE ONLY W/BUS			
	–		–		27	28	/225	–			
		–	–	/60	29	30	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	31	32	/225	–			

173.5 AMPS

PANELBOARD: HPE1	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 62,520
LOCATION: EAST ELECTRIC ROOM 147	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 22,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL BØ: 20,410 / TOTAL CØ: 19,120

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1200			RECPTACLES LOBBY 160	1/20	1	2	1/20	RECPTACLES CORRIDOR 144	1000		
	1200		RECPTACLES LOBBY 160	1/20	3	4	1/20	ELEVATOR CAB LIGHTS		1000	
		1200	RECPTACLES LOBBY 154	1/20	5	6	1/20	ELEVATOR ~~CONTROLS~~ CAB LIGHTS			1000
10,450			~~EAST ELEVATOR POWER~~ SPARE	3	7	8	1/20	TELEPHONE TERMINAL BOARD	1000		
	10,450		~~20 HP/208V/3Ø~~ SPARE		9	10	1/20	RECPTACLES ELECTRICAL 147		600	
		10,450	~~87 FLA~~ SPARE	/125	11	12	1/20	RECPTACLES EAST ELEVATOR PIT			1000
1530			FAN COIL UNITS 37 & 38	3	13	14	1/20	LIGHTING CORRIDOR 144	1600		
	1530			/20	15	16	1/20	LIGHTING CORRIDOR 144		1600	
		1435	FAN COIL UNITS 39 & 40	3	17	18	1/20	~~LIGHTING CORRIDOR 144~~ SPARE			1600
1435				/20	19	20	1/20	LIGHTING CORRIDOR 154	1900		
	1275		LIGHTING CORRIDOR 153	1/20	21	22	1/20	LIGHTING LOBBY 145		1480	
		1275	LIGHTING CORRIDOR 153	1/20	23	24	1/20	LIGHTING ELEVATOR EQUIP. 161			1160
1275			LIGHTING CORRIDOR 153	1/20	25	26	1/20	LIGHTING CORRIDOR 144	1600		
	1275		LIGHTING CORRIDOR 153	1/20	27	28	1/20	LIGHTING CORRIDOR 144		1600	
			SPARE	1/20	29	30	1/20	LIGHTING CORRIDOR 144			1600
					31	32		SPARE			
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

537.9 AMPS

PANELBOARD: ADPE1	VOLTAGE: 208Y120	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 193,780
LOCATION: EAST ELECTRIC ROOM 147	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 68,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 69,510 / TOTAL CØ: 55,280

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
13,710			2 BEDROOM UNIT 147	2	1	2	2	1 BEDROOM UNIT 144	14,110		
	14,230			/125	3	4	/125			13,230	
		13,710	2 BEDROOM UNIT 149	2	5	6	2	1 BEDROOM UNIT 143			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 145	2	9	10	2	1 BEDROOM UNIT 151		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 150	2	13	14	2	SPACE ONLY W/BUS			
	14,230			/125	15	16	/225	–			
–		–	TV SS	3	17	18	2	SPACE ONLY W/BUS			
			–		19	20	/225	–			
	–		–	/60	21	22	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	23	24	/225	–			

160 AMPS

PANELBOARD: HPW1	VOLTAGE: 208Y120	BUS RATING: 225	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 57,830
LOCATION: WEST ELECTRIC ROOM 132	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 22,020
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 17,660 / TOTAL CØ: 18,150

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1200			RECPTACLES LOBBY 119	1/20	1	2	1/20	RECPTACLES CORRIDOR 114	1200		
	1200		RECPTACLES LOBBY 119	1/20	3	4	1/20	ELEVATOR CAB LIGHTS		1000	
		1200	RECPTACLES CORRIDOR 123	1/20	5	6	1/20	ELEVATOR CONTROLS			1000
10,450			WEST ELEVATOR POWER	3	7	8	1/20	TELEPHONE TERMINAL BOARD	1000		
	10,450		20 HP/208V/3Ø		9	10	1/20	RECPTACLES ELEC 132		600	
		10,450	87 FLA	/125	11	12	1/20	ELEVATOR PIT RECPTACLES			1000
1330			FAN COIL UNITS 26 + 28	2	13	14	1/20	LIGHTING CORRIDOR 123	1600		
	1330			/20	15	16	1/20	LIGHTING CORRIDOR 123		1600	
		1227	FAN COIL UNITS 27 & 29	2	17	18	1/20	LIGHTING CORRIDOR 123			1600
1227				/20	19	20	1/20	LIGHTING CORRIDOR 123	1600		
			SPARE	1/20	21	22	1/20	LIGHTING CORRIDOR 115		1480	
					23	24	1/20	LIGHTING ELEV EQUIP 118			1160
					25	26	1/20	LIGHTING CORR 124	1900		
					27	28	1/20	SPARE			
					29	30					
					31	32					
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

380 AMPS

PANELBOARD: ADPW1	VOLTAGE: 208Y120	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 136,910
LOCATION: WEST ELECTRIC ROOM 132	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 68,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 69,510 / TOTAL CØ: 55,280

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
13,710			2 BEDROOM UNIT 124	2	1	2	2	1 BEDROOM UNIT 126	14,110		
	14,230			/125	3	4	/125			13,230	
		13,710	2 BEDROOM UNIT 125	2	5	6	2	1 BEDROOM UNIT 127			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 121	2	9	10	2	1 BEDROOM UNIT 119		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 120	2	13	14	2	SPACE ONLY W/BUS			
	14,230			/125	15	16	/225	–			
			SPACE ONLY W/BUS	2	17	18	2	SPACE ONLY W/BUS			
			–	/225	19	20	/225	–			

74.7 AMPS

PANELBOARD: HP2	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 26,902
LOCATION: 2ND FLR CENTER ELEC RM 202	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 9,190
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10,000	FED FROM: MDP	TOTAL BØ: 9,002 / TOTAL CØ: 8,710

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
1415			LIGHTING CORRIDOR 200	1/20	1	2	1/20	LIGHTING MECHANICAL 201	1160		
	1415		LIGHTING CORRIDOR 200	1/20	3	4	1/20	LIGHTING LOBBY 231		1280	
		1415	LIGHTING CORRIDOR 200	1/20	5	6	1/20	LIGHTING CORRIDOR 234			1148
1517			LIGHTING CORRIDOR 200	1/20	7	8	1/20	LIGHTING CORRIDOR 234	1148		
	1517		LIGHTING CORRIDOR 200	1/20	9	10	1/20	LIGHTING CORRIDOR 234		1300	
		1517	LIGHTING CORRIDOR 200	1/20	11	12	1/20	LIGHTING CORRIDOR 234			1300
800			RECPTACLES CORRIDOR 200	1/20	13	14	1/20	FAN COIL UNITS 68 & 70	1020		
	800		RECPTACLES CORRIDOR 234	1/20	15	16	1/20	–		1020	
		1000	RECPT TELEPHONE TERMINAL BOARD	1/20	17	18	1/20	FAN COIL UNITS 69,71 & 40			1530
600			RECPTACLES COMM 228	1/20	19	20	1/20	–	1530		
	950		RECPTACLES MECHANICAL 201	1/20	21	22	1/20	EXHAUST FAN "EF-6"		720	
		800	RECPTACLES UNFINISHED SPACE 203	1/20	23	24	1/20	DDC PANEL MECH. 201			500
			SPARE	1/20	25	26		SPARE			
					27	28					
					29	30					
					31	32					
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

853 AMPS

PANELBOARD: ADP2	VOLTAGE: 208Y120	BUS RATING: 600A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 307,310
LOCATION: 2ND FLR CENTER ELEC ROOM 202	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 109,560
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 96,940 / TOTAL CØ: 96,730

LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ	SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA) AØ	LOAD (VA) BØ	LOAD (VA) CØ
13,710			2 BEDROOM UNIT 222	2	1	2	2	1 BEDROOM UNIT 248	14,110		
	14,230			/125	3	4	/125			13,230	
		13,710	2 BEDROOM UNIT 231	2	5	6	2	1 BEDROOM UNIT 249			14,110
14,230				/125	7	8	/125		13,230		
	13,710		2 BEDROOM UNIT 223	2	9	10	2	1 BEDROOM UNIT 250		14,110	
		14,230		/125	11	12	/125				13,230
13,710			2 BEDROOM UNIT 230	2	13	14	2	1 BEDROOM UNIT 204	14,110		
	14,230			/125	15	16	/125			13,230	
		14,110	1 BEDROOM UNIT 224	2	17	18	2	1 BEDROOM UNIT 205			14,110
13,230				/125	19	20	/125		13,230		
	–		TV SS	3	21	22	2	1 BEDROOM UNIT 206		14,110	
		–	–		23	24	/125				13,230
–			–	/60	25	26	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	27	28	/225	–			

AIR EDUCATION & TRAINING COMMAND

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	As-Built changes denoted by Design Item being crossed out			

PROJECT TITLE

TEMPORARY LODGING FACILITY

SHEET TITLE

ELECTRICAL PANEL SCHEDULES

AS-BUILT

DRAWN BY	LEAD DESIGNER
SPW	BRM
TECH REVIEWER	FILE LOCATION
DESIGNED BY	PROJECT NUMBER
BTM	NKAK02-5001
DATE	SHEET
28 MAY 2002	E16
SCALE	107 OF 108
NONE	

538.8 AMPS

PANELBOARD: ADPE2	VOLTAGE: 208Y120	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 193,780
2ND FLR EAST LOCATION: ELEC ROOM 224	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 68,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 69,510
				TOTAL CØ: 55,280

LOAD (VA)			SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)		
AØ	BØ	CØ							AØ	BØ	CØ
13,710			2 BEDROOM UNIT 240	2	1	2	2	1 BEDROOM UNIT 237	14,110		
	14,230			125	3	4	125			13,230	
		13,710	2 BEDROOM UNIT 238	2	5	6	2	1 BEDROOM UNIT 236			14,110
14,230				125	7	8	125		13,230		
	13,710		2 BEDROOM UNIT 242	2	9	10	2	1 BEDROOM UNIT 244		14,110	
		14,230		125	11	12	125				13,230
13,710			2 BEDROOM UNIT 243	2	13	14	2	SPACE ONLY W/BUS			
	14,230			125	15	16	225	–			
		–	TV SS	3	17	18	2	SPACE ONLY W/BUS			
–			–		19	20	225	–			
	–		–	60	21	22	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	23	24	225	–			

48.5 AMPS

PANELBOARD: HPE2	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 17,496
2ND FLR EAST LOCATION: ELEC ROOM 224	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 6,020
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL BØ: 5,950
				TOTAL CØ: 5,526

LOAD (VA)			SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)		
AØ	BØ	CØ							AØ	BØ	CØ
1000			RECPTACLES TELEPHONE TERM. BOARD	1/20	1	2	1/20	LIGHTING CORRIDOR 243	1600		
	600		RECPTACLES ELEC.	1/20	3	4	1/20	LIGHTING CORRIDOR 243		1600	
		1296	LIGHTING LOBBY 235	1/20	5	6	1/20	LIGHTING CORRIDOR 243			1600
1020			FAN COIL UNITS 35, 36 & 75	2	7	8	1/20	LIGHTING CORRIDOR 243	1600		
	1020			20	9	10	1/20	LIGHTING		1200	
		800	RECPTACLES STORAGE 251	1/20	11	12	1/20	LIGHTING CORRIDOR 244			1900
800			RECPTACLES CORRIDOR 243	1/20	13	14	1/20	SPARE			
	1530		FAN COIL UNITS 76, 77, & 81	2	15	16					
		1530		20	17	18					
			SPARE	1/20	19	20					
					21	22					
					23	24					
					25	26					
					27	28					
			↓		29	30		↓			
			SPACE ONLY WITH BUS		31	32		SPACE ONLY WITH BUS			
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

538.8 AMPS

PANELBOARD: ADPW2	VOLTAGE: 208Y/120V	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 193,780
2ND FLR WEST LOCATION: ELEC ROOM 237	MFG AND TYPE: SQUARE D I LINE HCN	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 68,990
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 69,510
				TOTAL CØ: 55,280

LOAD (VA)			SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)		
AØ	BØ	CØ							AØ	BØ	CØ
13,710			2 BEDROOM UNIT 212	2	1	2	2	1 BEDROOM UNIT 211	14,110		
	14,230			125	3	4	125			13,230	
		13,710	2 BEDROOM UNIT 213	2	5	6	2	1 BEDROOM UNIT 218			14,110
14,230				125	7	8	125		13,230		
	13,710		2 BEDROOM UNIT 216	2	9	10	2	1 BEDROOM UNIT 219		14,110	
		14,230		125	11	12	125				13,230
13,710			2 BEDROOM UNIT 217	2	13	14	2	SPACE ONLY W/BUS			
	14,230			125	15	16	225	–			
		–	TV SS	3	17	18	2	SPACE ONLY W/BUS			
–			–		19	20	225	–			
	–		–	60	21	22	2	SPACE ONLY W/BUS			
			SPACE ONLY W/BUS	1/20	23	24	225	–			

45 AMPS

PANELBOARD: HPW2	VOLTAGE: 208Y120	BUS RATING: 225A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 16,296
2ND FLR WEST LOCATION: ELEC. ROOM 237	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 6,020
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 14,000	FED FROM: MDP	TOTAL BØ: 6,650
				TOTAL CØ: 3,626

LOAD (VA)			SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)		
AØ	BØ	CØ							AØ	BØ	CØ
1000			RECPTACLE TELEPHONE TERM. BOARD	1/20	1	2	1/20	LIGHTING CORRIDOR 215	1600		
	600		RECPTACLE ELEC	1/20	3	4	1/20	LIGHTING CORRIDOR 215		1600	
		1296	LIGHTING LOBBY 207	1/20	5	6	1/20	LIGHTING CORRIDOR 215			1600
800			RECPTS STORAGE 218	1/20	7	8	1/20	LIGHTING CORRIDOR 215	1600		
	800		RECPTS CORRIDOR 215	1/20	9	10	1/20	LIGHTING CORRIDOR 216		1900	
			SPARE	1/20	11	12	1/20	SPARE			
				1/20	13	14					
				1/20	15	16					
				1/20	17	18					
				1/20	19	20					
					21	22					
					23	24					
					25	26					
					27	28					
			↓		29	30		↓			
			SPACE ONLY WITH BUS		31	32		SPACE ONLY WITH BUS			
					33	34					
					35	36					
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

164.5 AMPS

PANELBOARD: MP	VOLTAGE: 208Y/120V	BUS RATING: 400A	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 59,260
LOCATION: MECHANICAL 201	MFG AND TYPE: SQUARE D NQOD	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 18,955
MOUNTING: SURFACE	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 22,000	FED FROM: MDP	TOTAL BØ: 19,625
				TOTAL CØ: 20,680

LOAD (VA)			SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)		
AØ	BØ	CØ							AØ	BØ	CØ
530			PUMP "P-1"	1/20	1	2	2/20	CIRC PUMP ~~"CP-3"~~ "CP-2"	1200		
	1200		CIRC PUMP ~~"CP-4"~~ "CP-1"	2/20	3	4	2/20	CIRC PUMP ~~"CP-1"~~ "CP-2"		1200	
		1200	CIRC PUMP ~~"CP-2"~~ "CP-1"	2/20	5	6	1/30	WATER HEATER "WH-1"			2255
2255			WATER HEATER "WH-2"	1/30	7	8	3	HEATING WATER PUMP "HWP-2"	2100		
	2255		BOILER "B-1"	1/30	9	10		5 HP/208V/3ø		2100	
		2255	BOILER "B-2"	1/30	11	12	35				2100
3865			CHILLED WATER PUMP "SCHP-1"	3	13	14	3	HEATING WATER PUMP "HWP-1"	2100		
	3865		10 HP/208V/3ø		15	16		5 HP/208V/3ø		2100	
		3865		60	17	18	35				2100
3865			CHILLED WATER PUMP "SCHP-2"	3	19	20	3	CHILLED WATER PUMP "PCHP-1"	3040		
	3865		10 HP/208V/3ø		21	22		7 1/2 HP/208V/3ø		3040	
		3865		60	23	24	50				3040
			SPARE	1/20	25	26	3	TV SS	–		
					27	28				–	
			↓		29	30	60				–
			~~SPACE WITH BUS~~ "CP-4"	2/20	31	32	2/20	~~SPACE WITH BUS~~ "CP-3"			
			~~SPACE WITH BUS~~ "CP-4"	2/20	33	34	2/20	~~SPACE WITH BUS~~ "CP-3"			
			SPACE WITH BUS	1/20	35	36	1/20	SPACE WITH BUS			
					37	38					
					39	40					
			↓	↓	41	42	↓	↓			

1

144 AMPS

PANELBOARD: LC2A	VOLTAGE: 208/120/1ø	BUS RATING: 125A MCB	MAIN: LUGS ONLY	TOTAL CONNECTED VA: 29,960
LOCATION: 2 BEDROOM ADA UNIT	MFG AND TYPE: SQUARE D QO	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 15,750
MOUNTING: FLUSH	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10,000	FED FROM: PANEL ADP	TOTAL BØ: 14,230

LOAD (VA)		SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)	
AØ	BØ							AØ	BØ
1200		RECPTACLES BEDROOM *	1/20	1	2	1/20	RECPTACLES LIVING AREA	1200	
	1000	LIGHTING	1/20	3	4	1/20	BATHROOM		1200
1440		WASHER	1/20	5	6	2	DRYER	2800	
	1320	DISHWASHER	1/20	7	8	30	5600 W/208V/1ø		2800
2900		RANGE	2	9	10	1/20	RECPTACLES KITCHEN	1000	
	2900	5.8 KW/208V/1ø	50	11	12	1/20	DISPOSAL		1000
1000		REFRIGERATOR	1/20	13	14	2	OVEN	1500	
	1200	RECPTACLES KITCHEN	1/20	15	16	20	3000 W/208V/1ø		1500
510		FAN COIL UNIT	2	17	18	1/20	RECPTACLES BEDROOM *	1200	
	510	1/2 HP/208V/1ø	20	19	20	1/20	DOOR BELL SYSTEM		500
1000		LIGHTING	1/20	21	22	1/20	SPARE		
	1200	MICROWAVE	1/20	23	24	1/20	SPARE		

* PROVIDE ARC-FAULT TYPE CIRCUIT BREAKER.

131 AMPS

PANELBOARD: LC1	VOLTAGE: 208/120/1ø	BUS RATING: 200A	MAIN: 125A MCB	TOTAL CONNECTED VA: 27,340
LOCATION: ONE BEDROOM UNIT	MFG AND TYPE: SQUARE D QO	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 14,110
MOUNTING: FLUSH	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10,000	FED FROM: PANEL ADP	TOTAL BØ: 13,230

LOAD (VA)		SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)	
AØ	BØ							AØ	BØ
1200		RECPTACLES LIVING AREA	1/20	1	2	1/20	BATHROOM RECPTACLES	1200	
		SPARE	1/20	3	4	2	FAN COIL UNIT		510
1200		RECPTACLES KITCHEN	1/20	5	6	20	1/2 HP/208V/1ø	510	
	1320	RECPTACLES DISHWASHER	1/20	7	8	2	DRYER		2800
1200		RECPTACLES KITCHEN	1/20	9	10	30	5.6 KW/208V/1ø	2800	
	1200	MICROWAVE	1/20	11	12	2	RANGE		4000
1000		RECPTACLES REFRIG.	1/20	13	14	50	8 KW/208V/1ø	4000	
	1200	RECPTACLES KITCHEN	1/20	15	16	1/20	LIGHTING		1000
1000		LIGHTING	1/20	17	18	1/20	SPARE		
	1200	RECPTACLES BEDROOM *	1/20	19	20	1/20	SPARE		
		SPARE	1/20	21	22	1/20	SPARE		
		SPARE	1/20	23	24	1/20	SPARE		

* PROVIDE ARC-FAULT TYPE CIRCUIT BREAKER.

137 AMPS

PANELBOARD: LC2	VOLTAGE: 208/120/1ø	BUS RATING: 200A	MAIN: 125A MCB	TOTAL CONNECTED VA: 28,530
LOCATION: TWO BEDROOM UNIT	MFG AND TYPE: SQUARE D QO	EQUIP. GRD. BUS: YES	ISOL. GRD. BUS: NO	TOTAL AØ: 13,710
MOUNTING: FLUSH	ENCLOSURE: NEMA 1	MINIMUM A.I.C. RATING: 10,000	FED FROM: PANEL ADP	TOTAL BØ: 14,230

LOAD (VA)		SERVES	P/T	CIR. NO.	CIR. NO.	P/T	SERVES	LOAD (VA)	
AØ	BØ							AØ	BØ
1200		RECPTACLES BEDROOM *	1/20	1	2	1/20	RECPTACLES LIVING AREA	1200	
	1000	LIGHTING	1/20	3	4	1/20	BATHROOM		1200
1000		MICROWAVE	1/20	5	6	2	DRYER	2800	
	1320	DISHWASHER	1/20	7	8	30	5600 W/208V/1ø		2800
4000		RANGE	2	9	10	1/20	RECPTACLES KITCHEN	1000	
	4000	8 KW/208V/1ø	50	11	12	1/20	DISPOSAL		1000
1000		REFRIGERATOR	1/20	13	14	1/20	SPARE		
	1200	RECPTACLES KITCHEN	1/20	15	16	1/20	RECPTACLES BEDROOM *		1200
510		FAN COIL UNIT	2	17	18	1/20	LIGHTING	1000	
	510	1/2 HP/208V/1ø	20	19	20	1/20	SPARE		
		SPARE	1/20	21	22	1/20	SPARE		
		SPARE	1/20	23	24	1/20	SPARE		

* PROVIDE ARC-FAULT TYPE CIRCUIT BREAKER.

LITTLE ROCK A.F.B.
ARKANSAS

CIVIL ENGINEER	CHIEF ENGINEER
CHIEF OF OPERATIONS	BIO ENVIRONMENTAL ENG.
FIRE CHIEF	SAFETY
PROGRAM MANAGER	USING AGENCY

No.	Revision/Issue	Date	BY	APP'D
1	As-Built changes denoted by Design Item being crossed out			

PROJECT TITLE
TEMPORARY LODGING FACILITY

SHEET TITLE
ELECTRICAL PANEL SCHEDULES
AS-BUILT

DRAWN BY	LEAD DESIGNER
SPW	BRM
TECH REVIEWER	FILE LOCATION
DESIGNED BY	PROJECT NUMBER
BTM	NKAK02-5001
DATE	SHEET
28 MAY 2002	E17
SCALE	108 OF 108
NONE	