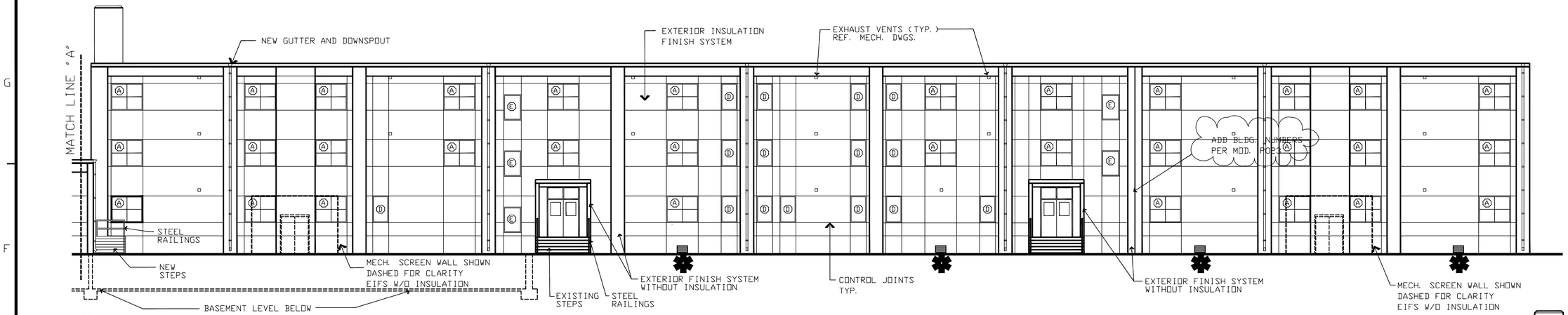
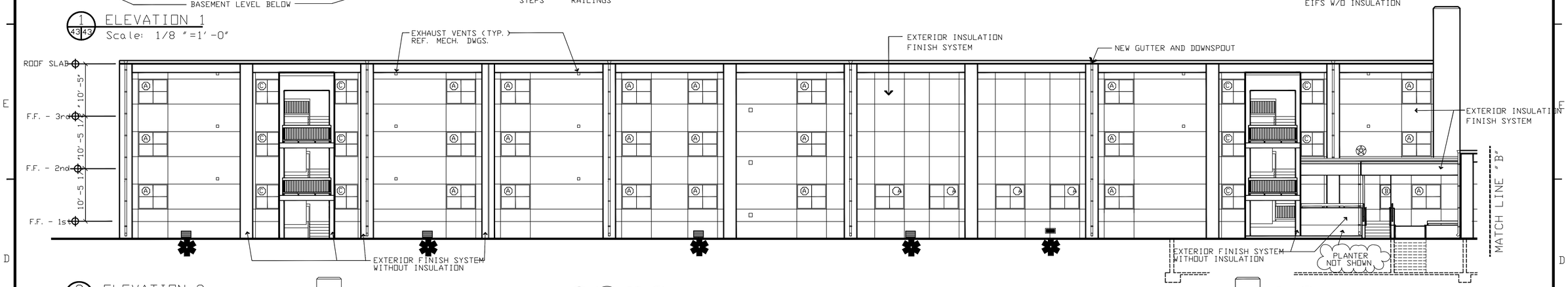
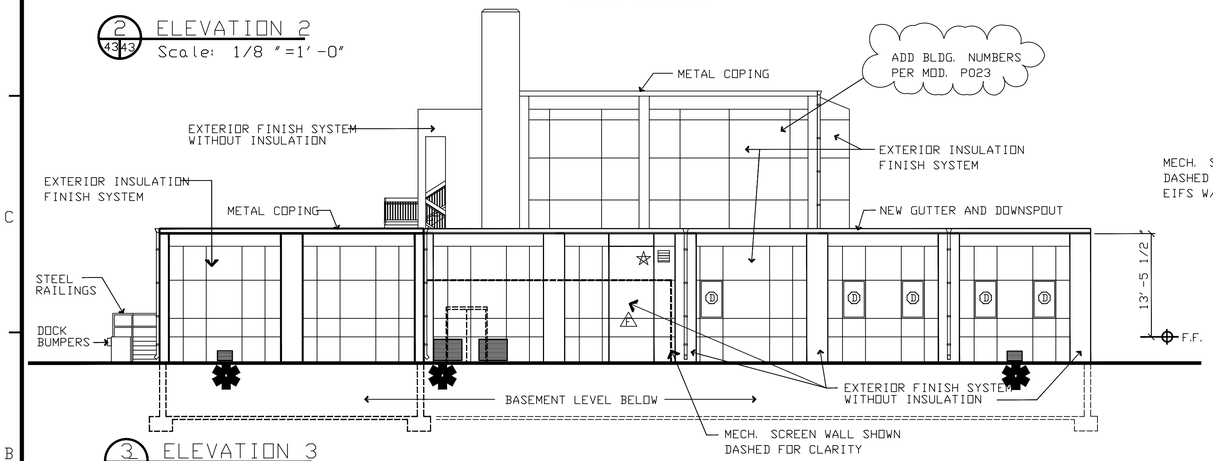


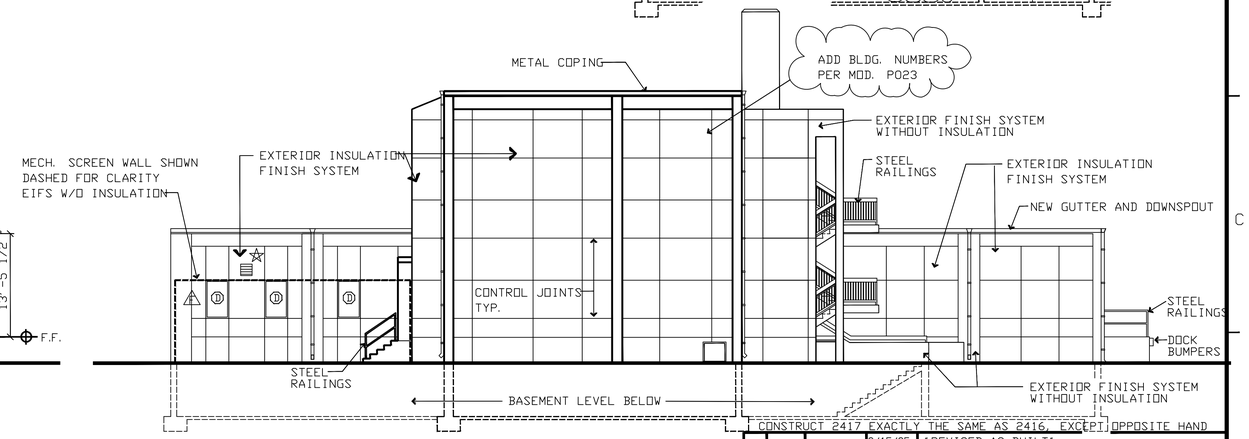
1 ELEVATION 1
4343 Scale: 1/8 "=1'-0"



2 ELEVATION 2
4343 Scale: 1/8 "=1'-0"

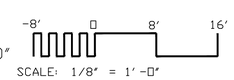


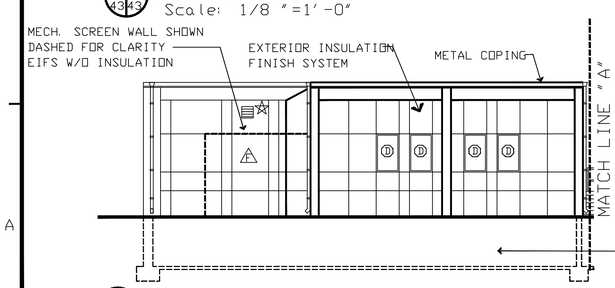
3 ELEVATION 3
4343 Scale: 1/8 "=1'-0"



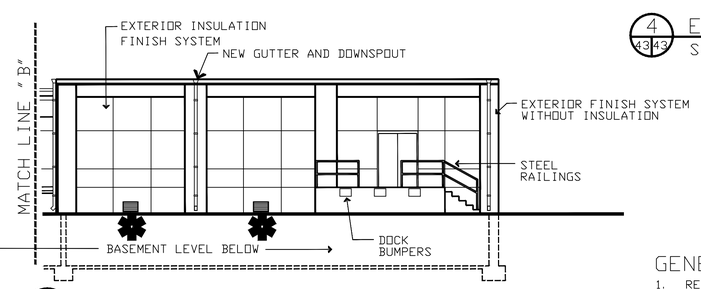
CONSTRUCT 2417 EXACTLY THE SAME AS 2416, EXCEPT OPPOSITE HAND

4 ELEVATION 4
4343 Scale: 1/8 "=1'-0"





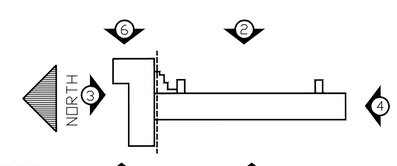
5 ELEVATION 5
4343 Scale: 1/8 "=1'-0"



6 ELEVATION 6
4343 Scale: 1/8 "=1'-0"

GENERAL NOTES:

1. REFER TO GENERAL NOTES OF ROOM FINISH SCHEDULE, SHEET A-70 FOR ALL EXTERIOR COLORS.



KEY PLAN: BLDG. 2416

SYMBOL	NO	ACTION	DATE	DESCRIPTION OF REVISION
			9/15/95	"REVISED AS-BUILT"
2	P00017		7/27/94	PROVIDE GUTTERS, DOWNSPOUTS, & SPLASH BLOCKS @ NEW ENTRANCES.
	BID ADDITIVE NUMBER 1 AS DESCRIBED ON SHEET A-62 (SEQUENCE 83) FOR WINDOW TREATMENT WAS ACCEPTED. FOR CORRECT ELEVATIONS FOR ALL BUILDINGS IN THIS CONTRACT, REFER TO SHEET A-62.			
1	DO-G0881			ADD 18"x18" LOUVERS TO RELIEVE PRESSURE IN BUILDING CAUSED BY EVAP. COOLERS
	P00001		9/10/93	DELETE KITCHEN IN 2417
3	AM0006		3/8/93	MISC CHANGES

ENGINEERING DIVISION
DESIGN BRANCH

U.S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY: S. MCDONALD
DRAWN BY: E. HARRIS
REVIEWED BY: J. BRISTOW

FT. BLISS, TEXAS

BARRACKS MODERNIZATION
FY 92 PN 005859

EXTERIOR ELEVATIONS
BUILDING 2416 /2417

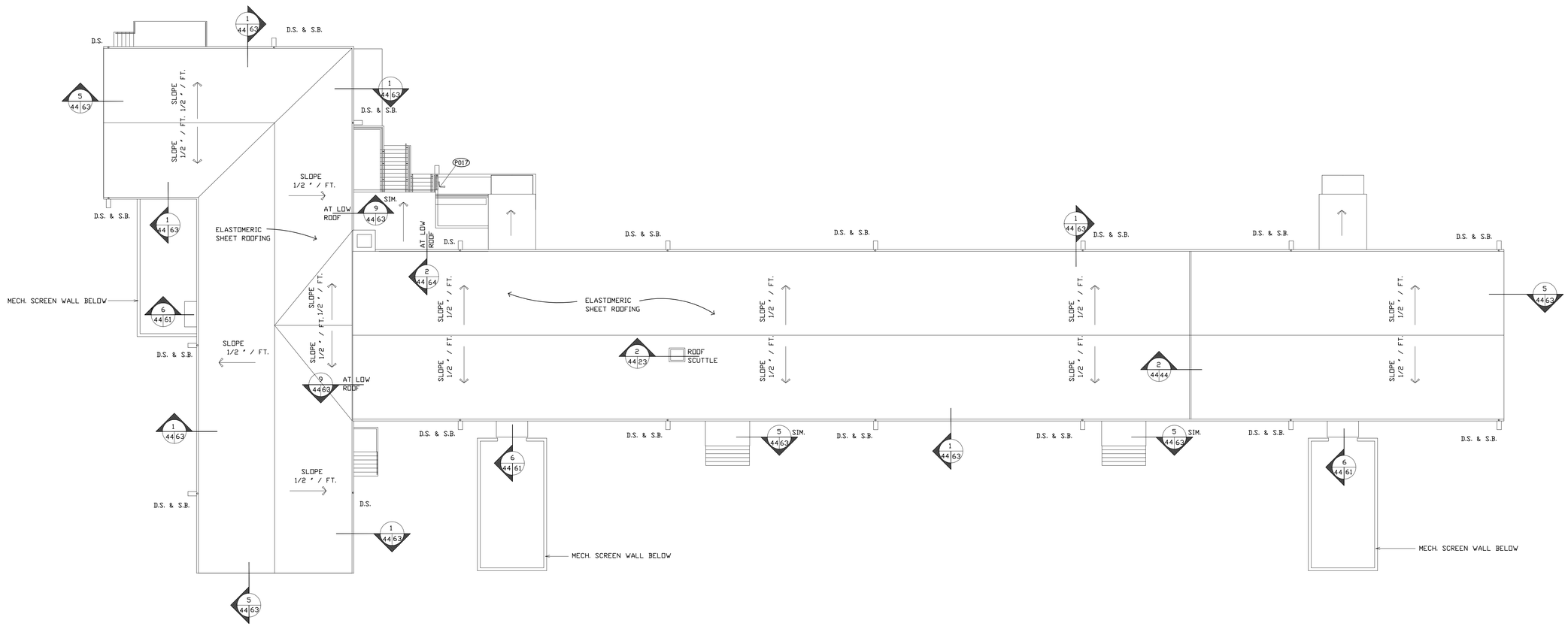
SUBMITTED BY:
JESSE H. KIDD, AIA

SOL. NO. DACA63-93-B-0010 DATED: NOV. 92
CONTR. NO. DACA63-93-C-0080
DRAWING NUMBER
SHEET NO. A-43 OF 81
SEQUENCE NO. 64

CONTR. NO. DACA63-93-C-0080

CADD FILE NAME BM1PEV16.dgn

"DRAWING OF WORK AS BUILT"

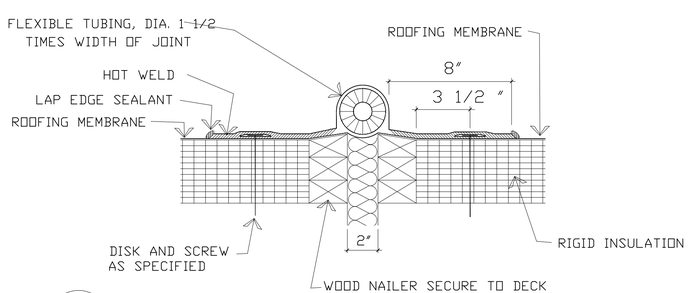


1 / 44 44 ROOF PLAN

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

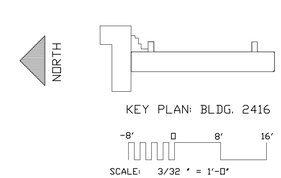
LEGEND

D.S. DOWNSPOUT
S.B. SPLASH BLOCK
(SEE DTL.8 SHT. A-80)



2 / 56 44 44 EXPANSION JOINT

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



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

CONSTRUCT 2417 EXACTLY THE SAME AS 2416 EXCEPT OPPOSITE HAND

SYM	D.O. NO.	ACTION	DATE	DESCRIPTION OF REVISION
			9/15/95	"REVISED AS-BUILT"
		P00001	9/10/93	DELETE KITCHEN IN 2417
P017		P00017	8/24/93	PROVIDE GUTTERS, DOWNSPOUT, & SPLASH BLOCK AT NEW ENTRANCES

ENGINEERING DIVISION
DESIGN BRANCH

U.S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY: S.MCDONALD
DRAWN BY: S.MCDONALD
REVIEWED BY: J. BRISTOW
SUBMITTED BY: JESSE H. KIDD, AIA

FT. BLISS, TEXAS

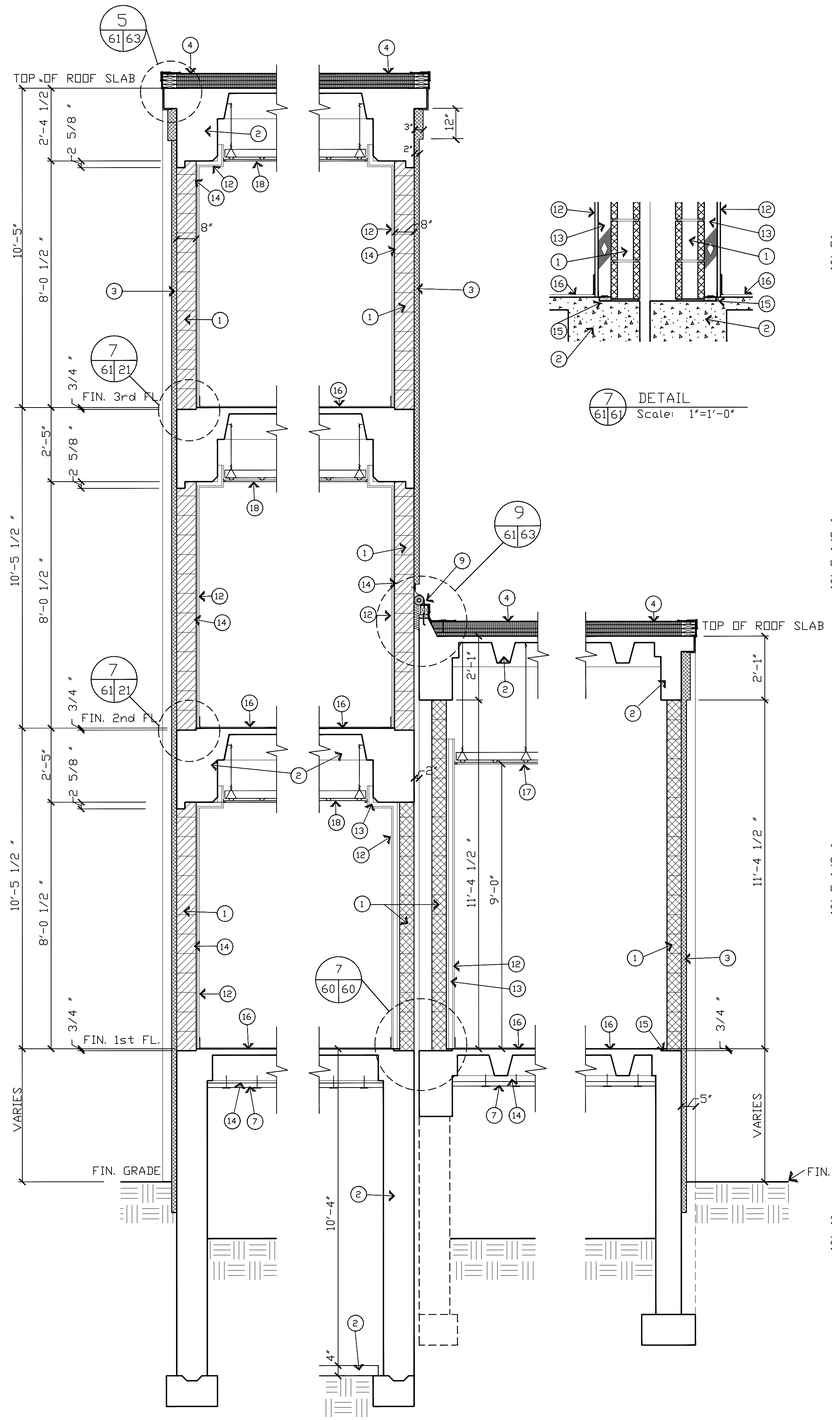
BARRACKS MODERNIZATION
FY 92 PN 005859
ROOF FLOOR PLAN
BUILDING 2416 /2417

SDL. NO. DACA63-93-B-0010 DATED: NOV. 92
CONTR. NO. DACA63-93-C-0080
DRAWING NUMBER
SHEET NO. A-44 OF 81
SEQUENCE NO. 65

CADD FILE NAME: BMIRFP16.dgn

"DRAWING OF WORK AS BUILT"

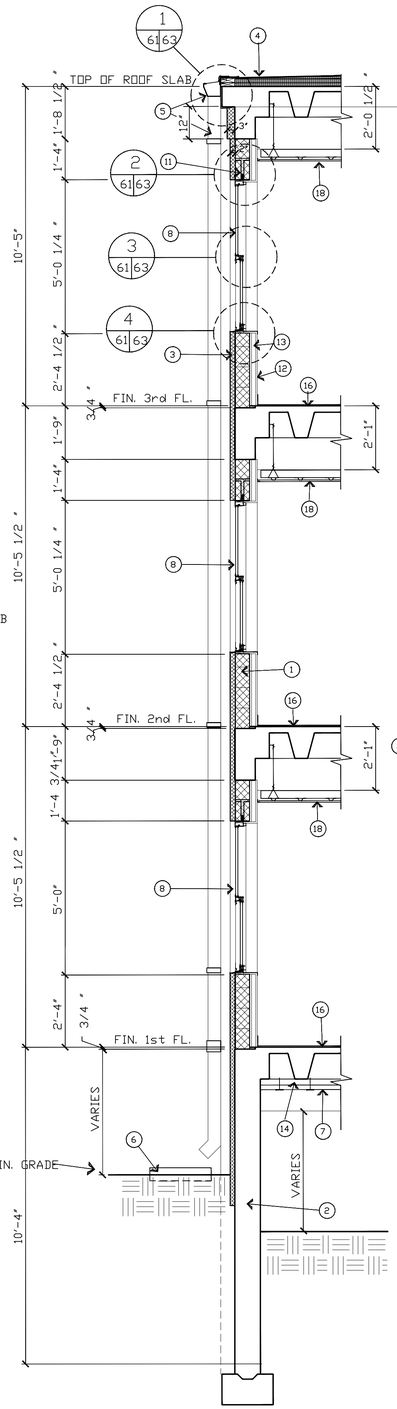
CONTR. NO. DACA63-93-C-0080



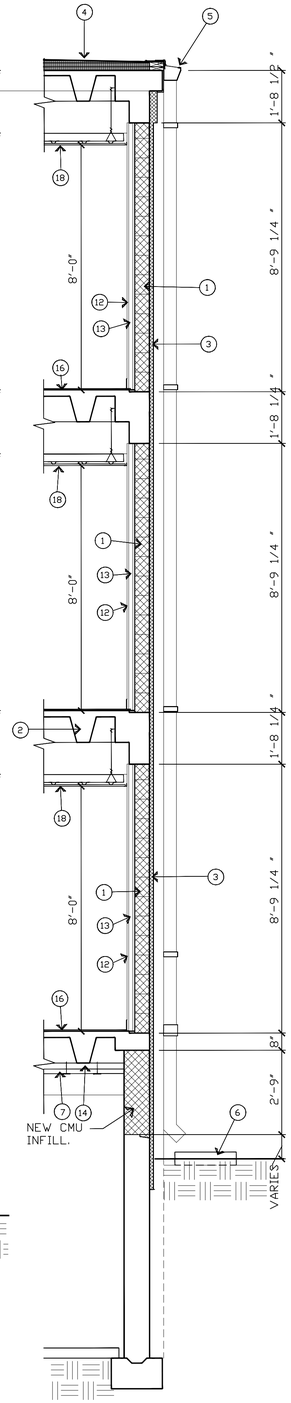
1 EXTERIOR WALL SECTION
Scale: 1/2 "=1'-0"

7 DETAIL
Scale: 1"=1'-0"

2 EXTERIOR WALL SECTION
Scale: 1/2 "=1'-0"

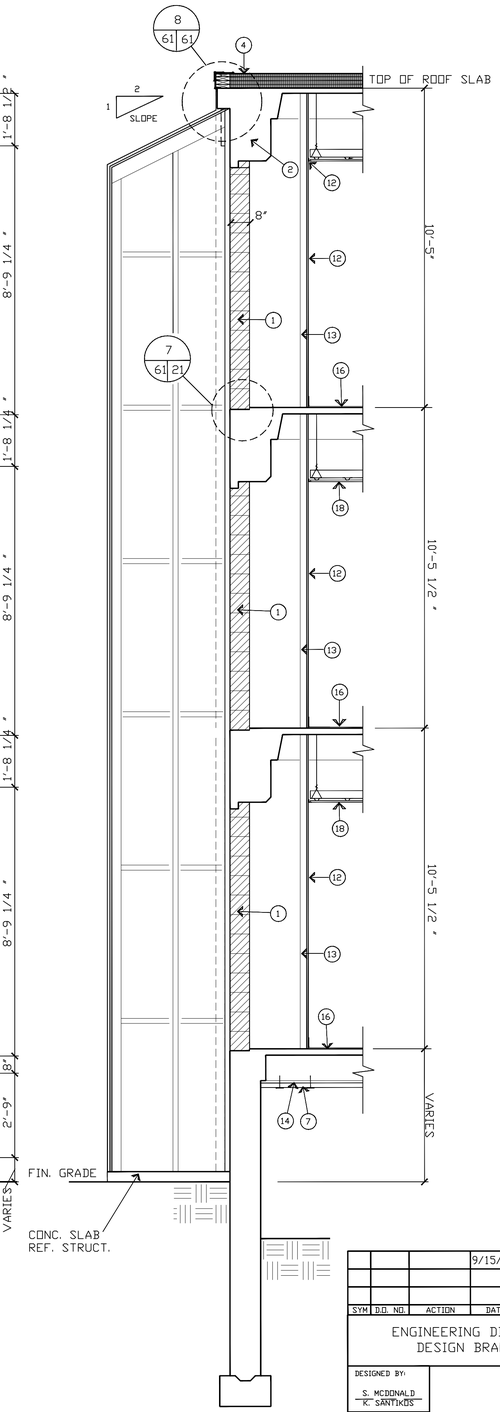


3 EXTERIOR WALL SECTION
Scale: 1/2 "=1'-0"



4 EXTERIOR WALL SECTION
Scale: 1/2 "=1'-0"

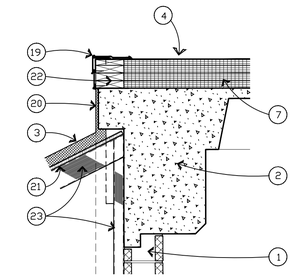
5 EXTERIOR WALL SECTION
Scale: 1/2 "=1'-0"



6 EXTERIOR WALL SECTION
Scale: 1/2 "=1'-0"

KEY NOTES

1. NEW OR EXISTING CMU (REFER TO STRUCT. DWGS. FOR CONNECTIONS & REINFORCEMENT)
2. EXISTING REINFORCED CONCRETE STRUCTURE
3. EXTERIOR INSULATION & FINISH SYSTEM
4. SINGLE PLY ROOFING SYSTEM
5. NEW GUTTER AND DOWNSPOUT
6. PRE-CAST SPLASH BLOCK
7. RIGID INSULATION (TAPERED TO SLOPE)
8. ALUMINUM WINDOW
9. EXPANSION JOINT
10. EXISTING CONC. FLOOR SLAB
11. REFER TO STRUCTURAL DRAWINGS
12. 5/8 " GYPSUM BOARD
13. 2 1/2 " METAL STUDS @ 24" O.C. MAX.
14. 7/8 " HAT CHANNELS @ 24" O.C. MAX.
15. GROUT
16. FLOOR AS SCHEDULED
17. CEILING AS SCHEDULED
18. SUSPENDED GYPSUM BOARD CEILING
19. MTL. FASCIA
20. EXT. FINISH SYSTEM (UNINSULATED)
21. EXT. GRADE 3/4 " GYP. SHEATHING
22. WOOD BLOCKING
23. 20 GA. 4" STUDS @ 16" O.C. MAX.



8 DETAIL
Scale: 1"=1'-0"

-4' 0 4' 8'
SCALE: 1" = 1'-0"

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

SYM	D.O. NO.	ACTION	DATE	DESCRIPTION OF REVISION
			9/15/95	"REVISED AS-BUILT"

ENGINEERING DIVISION
DESIGN BRANCH

U.S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY: S. MCDONALD, K. SANTIKOS
DRAWN BY: K. SANTIKOS
REVIEWED BY: J. BRISTOW
SUBMITTED BY: JESSE H. KIDD

FT. BLISS, TEXAS

BARRACKS MODERNIZATION
FY 92 PN 005859

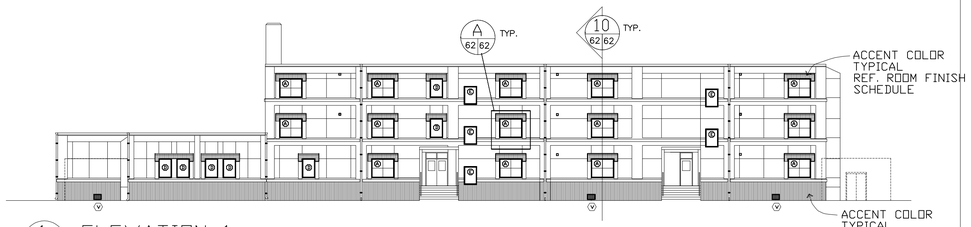
WALL SECTIONS

SOL. NO. DACA63-93-B-0010 DATED: NOV. 92
CONTR. NO. DACA63-93-C-0080
DRAWING NUMBER
SHEET NO. A-61 OF 81
SEQUENCE NO. 82

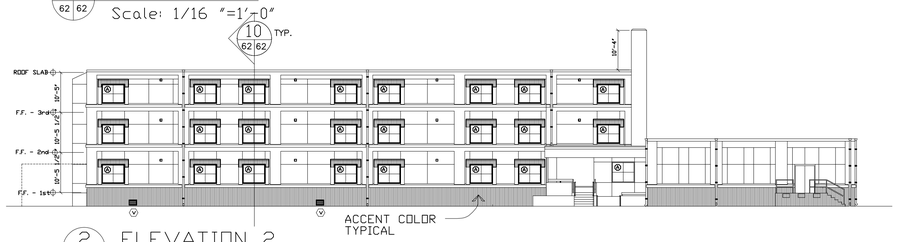
CADD FILE NAME: BM1WS1.DGN

"DRAWING OF WORK AS BUILT"

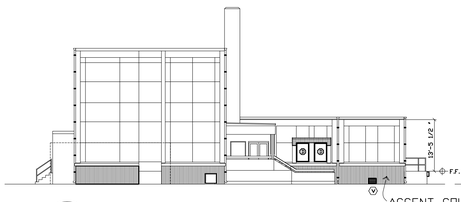
CONTR. NO. DACA63-93-C-0080



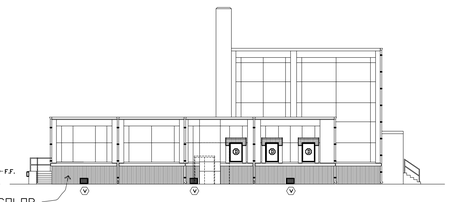
1 62/62 ELEVATION 1
Scale: 1/16 "=1'-0"



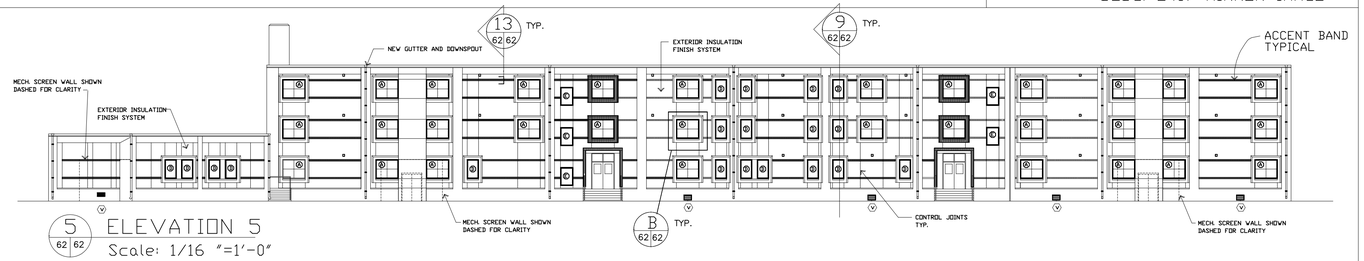
2 62/62 ELEVATION 2
Scale: 1/16 "=1'-0"



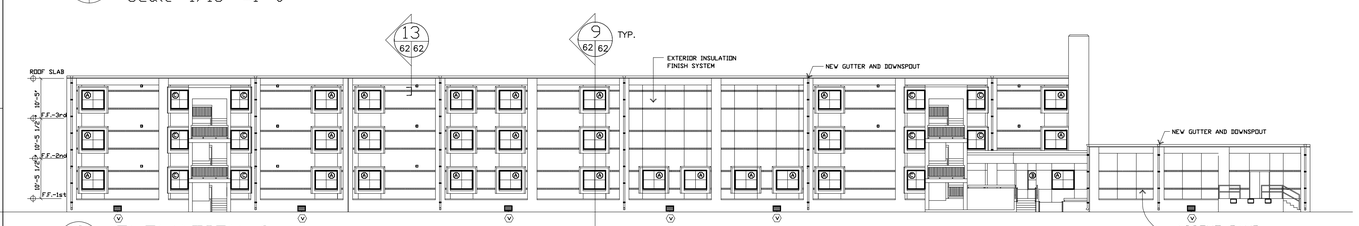
3 62/62 ELEVATION 3
Scale: 1/16 "=1'-0"



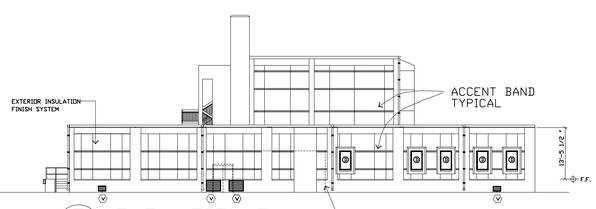
4 62/62 ELEVATION 4
Scale: 1/16 "=1'-0"



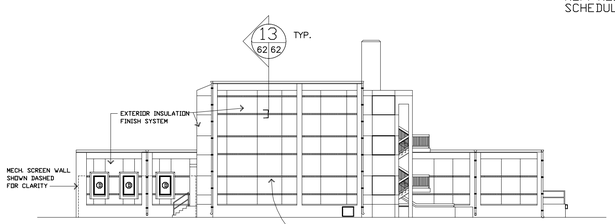
5 62/62 ELEVATION 5
Scale: 1/16 "=1'-0"



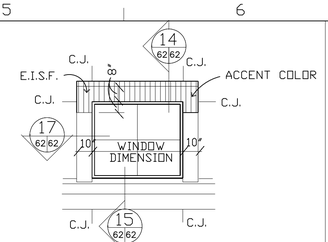
6 62/62 ELEVATION 6
Scale: 1/16 "=1'-0"



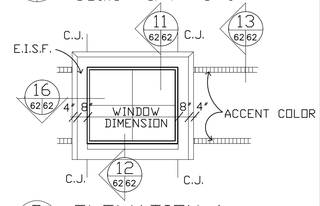
7 62/62 ELEVATION 7
Scale: 1/16 "=1'-0"



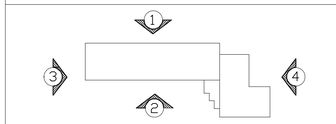
8 62/62 ELEVATION 8
Scale: 1/16 "=1'-0"



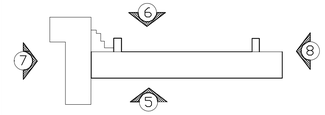
A 62/62 ELEVATION 1
Scale: 1/4 "=1'-0"



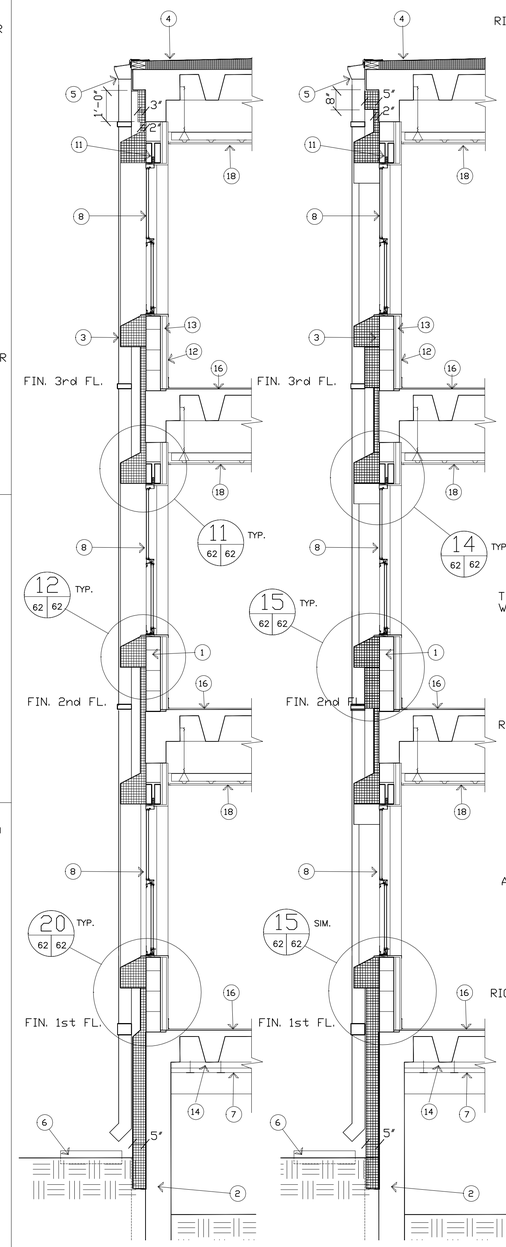
B 62/62 ELEVATION 1
Scale: 1/4 "=1'-0"



KEY PLAN: BLDGS. 2414 & 2442
BLDG. 2421 MIRROR IMAGE

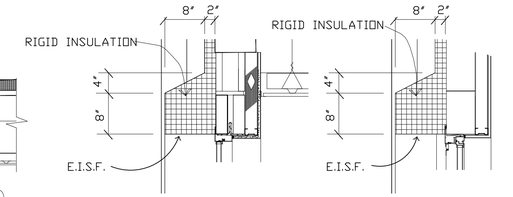


KEY PLAN: BLDG. 2416
BLDG. 2417 MIRROR IMAGE



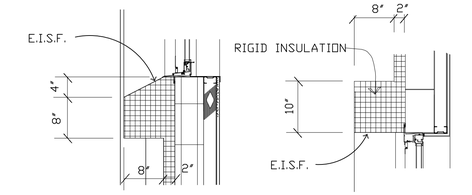
9 62/62 WALL SECTION
SCALE: 1/2 " = 1'-0"

10 62/62 WALL SECTION
SCALE: 1/2 " = 1'-0"



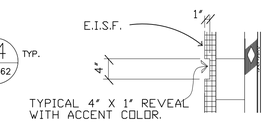
11 62/62 DETAIL
SCALE: 1" = 1'-0"

16 62/62 DETAIL
SCALE: 1" = 1'-0"



12 62/62 DETAIL
SCALE: 1" = 1'-0"

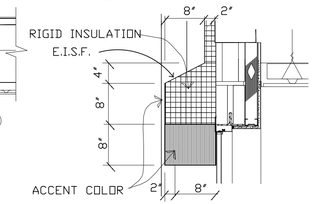
17 62/62 DETAIL
SCALE: 1" = 1'-0"



NOT USED

13 62/62 DETAIL
SCALE: 1" = 1'-0"

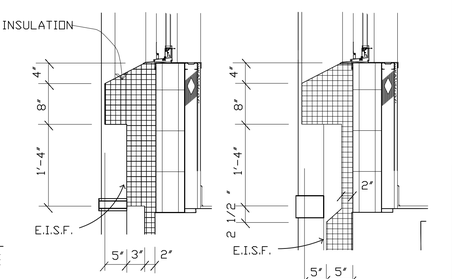
18 62/62 DETAIL
SCALE: 1" = 1'-0"



NOT USED

14 62/62 DETAIL
SCALE: 1" = 1'-0"

19 62/62 DETAIL
SCALE: 1" = 1'-0"



15 62/62 DETAIL
SCALE: 1" = 1'-0"

20 62/62 DETAIL
SCALE: 1" = 1'-0"

REFER TO SHEET A-61 FOR KEY NOTE LEGEND AND STRUCTURAL AND MASONRY DIMENSIONS.

LEGEND

	AREA TO RECEIVE ACCENT COLOR REF. ROOM FINISH SCHEDULE FOR COLOR.
E.I.S.F.	EXTERIOR INSULATION AND FINISH SYSTEM.
C.J.	CONTROL JOINT.

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

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

-16' 0 16' 32'
SCALE: 1/16 " = 1'-0"

SYM	D.O. NO.	ACTION	DATE	DESCRIPTION OF REVISION
			9/15/95	"REVISED AS-BUILT"

ENGINEERING DIVISION
DESIGN BRANCH

U.S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY: S. MCDONALD
DRAWN BY: S. MCDONALD
REVIEWED BY: J. BRISTOW
SUBMITTED BY: JESSE H. KIDD, AIA

FT. BLISS, TEXAS

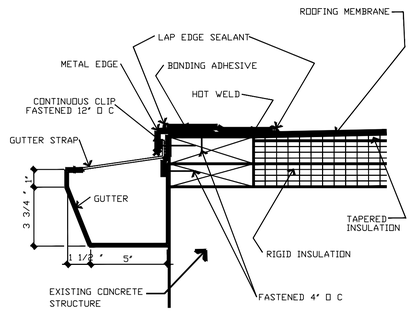
BARRACKS MODERNIZATION
FY 92 PN 005859
BID ADDITIVE #1
EXTERIOR ELEVATIONS
WINDOW TREATMENT ADDITIVES

SOL. NO. DACA63-93-B-0010 DATED: NOV. 92
CONTR. NO. DACA63-93-C-0080
DRAWING NUMBER A-62 OF 81
SEQUENCE NO. 83

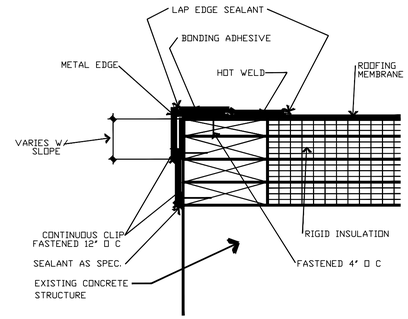
CADD FILE NAME: BM1EVADD.DGN

"DRAWING OF WORK AS BUILT"

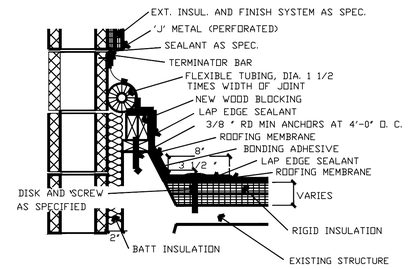
CONTR. NO. DACA63-93-C-0080



1 ROOF/GUTTER DETAIL
23 61 63 / 64 44
Scale: 3"=1'-0"



5 ROOF EDGE DETAIL
44 61 63 / 23 64
Scale: 3"=1'-0"



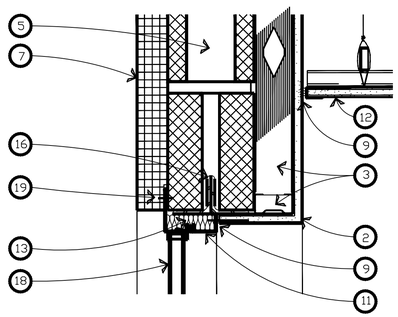
9 EXPANSION JOINT
44 61 63 / 23
SCALE: 1 1/2 " = 1'-0"

NOT USED

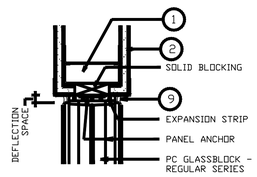
13 DETAIL
63
Scale: 3/4 "=1'-0"

LEGEND

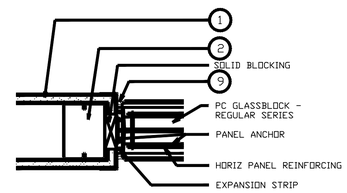
1. 3 5/8 " METAL STUDS
2. 5/8 " GYPSUM BOARD (TYPE X AT FIRERATED PARTTIONS)
3. 2 1/2 " METAL STUDS
4. EXISTING 8" CMU
5. NEW 6" CMU
6. EXISTING CONCRETE STRUCTURE
7. EXT. INSULATION & FINISH SYSTEM
8. SILL FLASHING
9. SEALANT
10. SHIM AS REQUIRED
11. WINDOW FRAME
12. CEILING AS SCHEDULED
13. BATT INSULATION
14. ALUM. SILL LEDGE
15. EXTERIOR FINISH SYSTEM (SYNTHETIC PLASTER FINISH COAT)
16. REFER TO STRUCTURAL DRAWINGS
17. 7/8 " HAT CHANNELS
18. INSUL. GLASS AS SPECIFIED
19. FASTENERS AS PER MFR'S. DETAILS
20. INSECT SCREEN



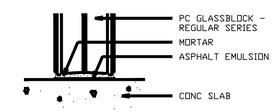
2 WINDOW HEAD
61 63 / 72
Scale: 3"=1'-0"



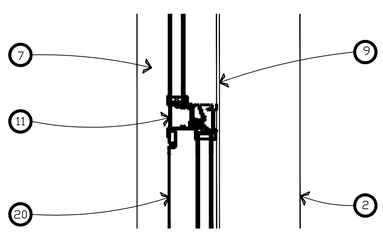
6 GLASS BLOCK DETAIL
53 20 63 / 41 29
Scale: 3"=1'-0"



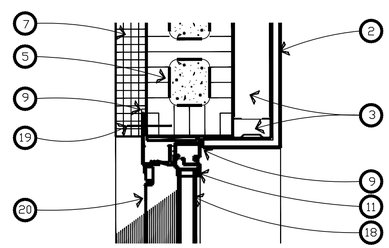
10 GLASS BLOCK DETAIL
53 20 63 / 41 29
Scale: 3"=1'-0"



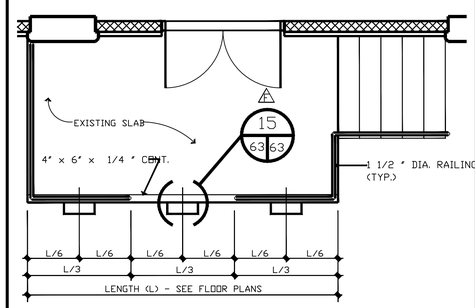
14 GLASS BLOCK DETAIL
53 20 63 / 41 29
Scale: 3"=1'-0"



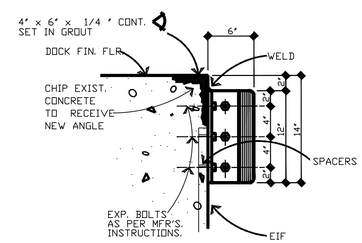
3 MEETING STILE
61 63 / 72
Scale: 3"=1'-0"



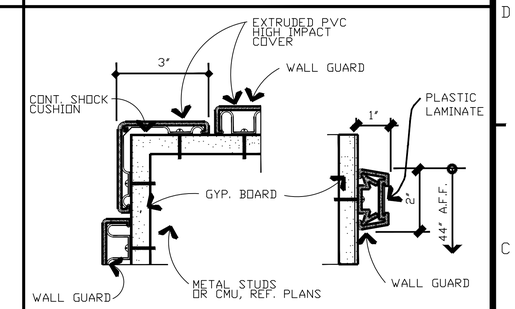
7 WINDOW JAMB
72 63
Scale: 3"=1'-0"



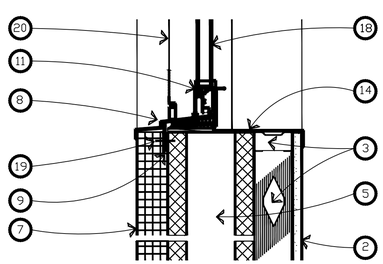
11 DETAIL
40 20 63 / 29
Scale: 3/8 "=1'-0"



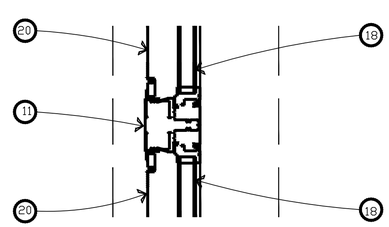
15 DETAIL
63 63
Scale: 3"=1'-0"



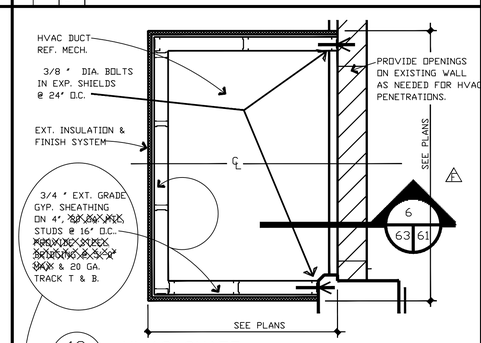
17 CORNER AND WALL GUARD DETAILS
63 63
Scale: HALF SIZE



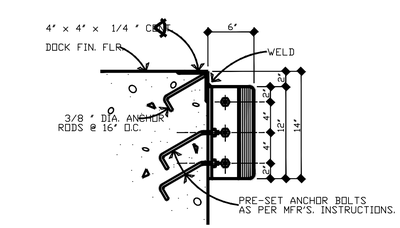
4 WINDOW SILL
61 63 / 72
Scale: 3"=1'-0"



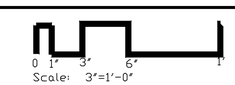
8 INTEGRAL MULLION
72 63
Scale: 3"=1'-0"



12 HVAC SHAFT
19-54 63
Scale: 3/4 "=1'-0"
(12) SEQUENCE NO. 84, SHEET A-63-REF. DETAIL 12/19-54/63 CHANGE STUDS TO 14 GAGE. ADD 'PROVIDE 1 1/2 x GAGE x-BRACING STRAPS AT 5'-0" MAX. EACH FACE OF STUDS (TYPICAL FULL WALL HEIGHT, 3 STUD WALLS).' TO NOTE ON STUD CALL OUT.



16 DOCK BUMPER DETAIL
63
Scale: 3"=1'-0"



Scale: 3"=1'-0"

		9/15/95	'REVISED AS-BUILT'
AS	AM0006	3/8/93	MISC CHANGES
SYM	REV NO.	DATE	DESCRIPTION OF CHANGES

ENGINEERING DIVISION
DESIGN BRANCH

U.S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY: S. MCDONALD
DRAWN BY: K. SANTIKUS
REVIEWED BY: J. BRISTOW

FT. BLISS, TEXAS

BARRACKS MODERNIZATION
FY 92 PN 005859

DETAILS

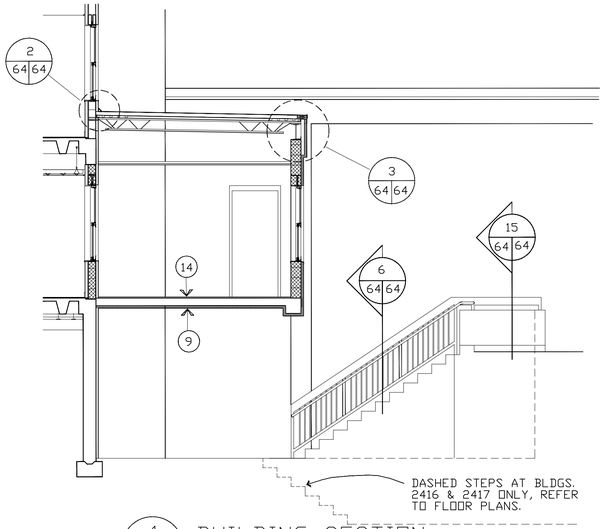
SUBMITTED BY:
JESSE H. KIDD, AIA

SOL. NO. DACA63-93-B-0010 DATED: NOV. 92
CONTR. NO. DACA63-93-C-0080
DRAWING NUMBER
SHEET NO. A-63 OF 81
SEQUENCE NO. 84

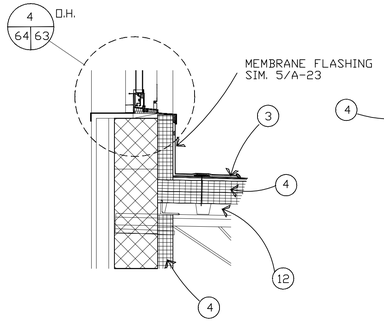
CADD FILE NAME: BM1ws3.dgn

'DRAWING OF WORK AS BUILT'

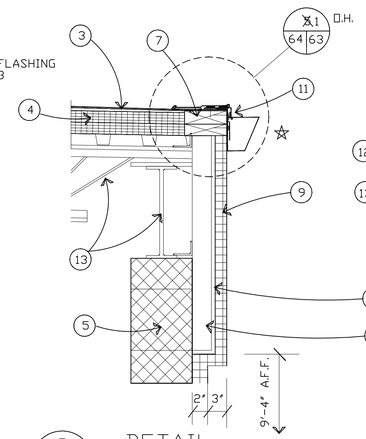
CONTR. NO. DACA63-93-C-0080



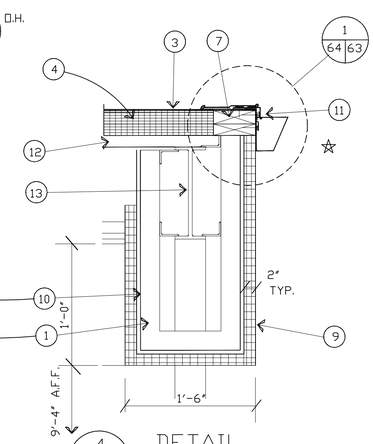
1 (65|64) BUILDING SECTION
Scale: 1/4 "=1'-0"



2 (64|64) DETAIL
Scale: 1 1/2 "=1'-0"



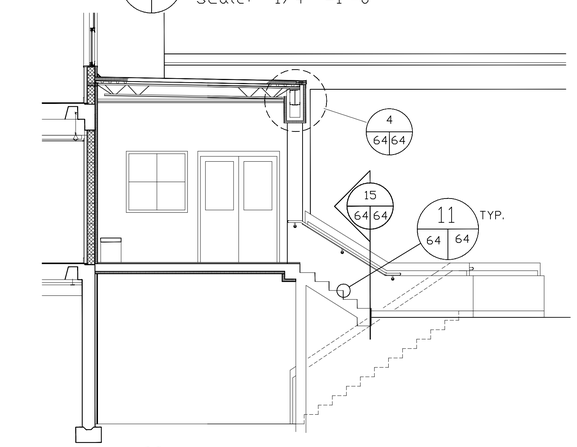
3 (64|64) DETAIL
Scale: 1 1/2 "=1'-0"



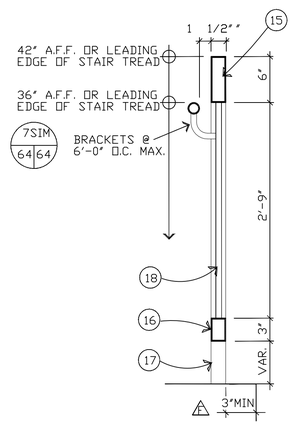
4 (64|64) DETAIL
Scale: 1 1/2 "=1'-0"

LEGEND

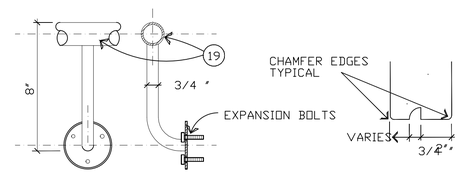
1. 2 1/2 " METAL STUDS
2. 5/8 " GYPSUM BOARD
3. MEMBRANE ROOFING
4. RIGID INSULATION
5. NEW 8" CMU
6. EXISTING CONCRETE STRUCTURE
7. WOOD BLOCKING
8. EXTERIOR FINISH SYSTEM (SYNTHETIC PLASTER FINISH COAT)
9. EXTERIOR INSULATION AND FINISH SYSTEM
10. EXTERIOR GYPSUM SHEATHING
11. METAL EDGE
12. METAL DECK, REF. STRUCT.
13. STEEL MEMBER, REF. STRUCT.
14. QUARRY TILE
15. TS 6"X2"X 3/16 " TOP RAIL
16. TS 3"X2"X 3/16 " BOTTOM RAIL
17. TS 2"X2"X 3/16 " POSTS
18. TS 3/4 "X 3/4 "X 1/8 " VERTICAL BARS
19. 1 1/2 " DIA. STANDARD PIPE
20. GROUT SOLID



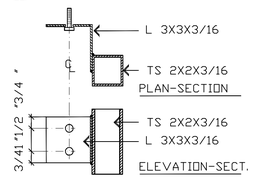
5 (65|64) BUILDING SECTION
Scale: 1/4 "=1'-0"



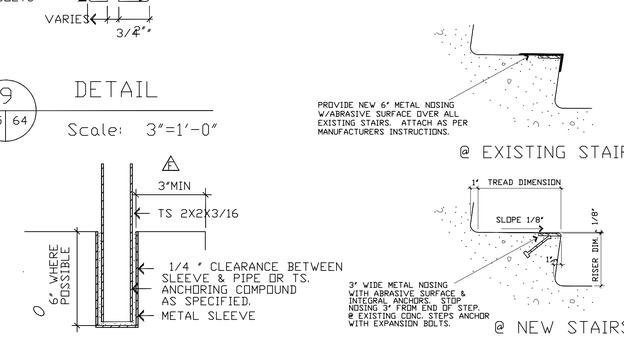
6 (65|64) DETAIL
Scale: 1 1/2 "=1'-0"



7 (65|64) DETAIL
Scale: 3"=1'-0"



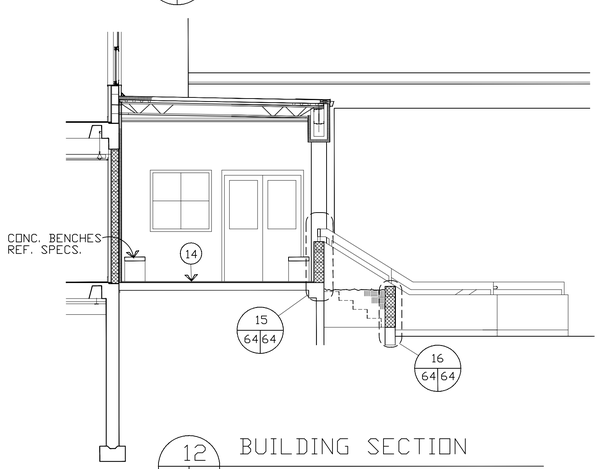
8 (65|64) DETAIL
Scale: 3"=1'-0"



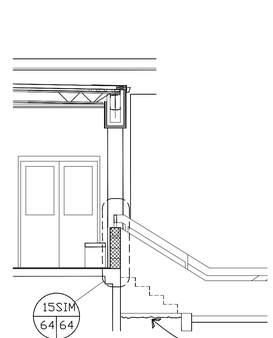
9 (65|64) DETAIL
Scale: 3"=1'-0"

10 (65|64) DETAIL
Scale: 3"=1'-0"

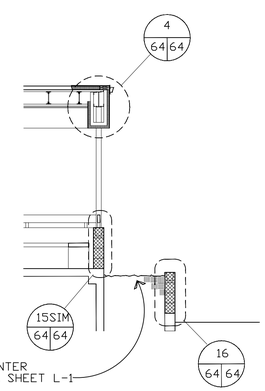
11 (65|64) DETAIL
Scale: 3"=1'-0"



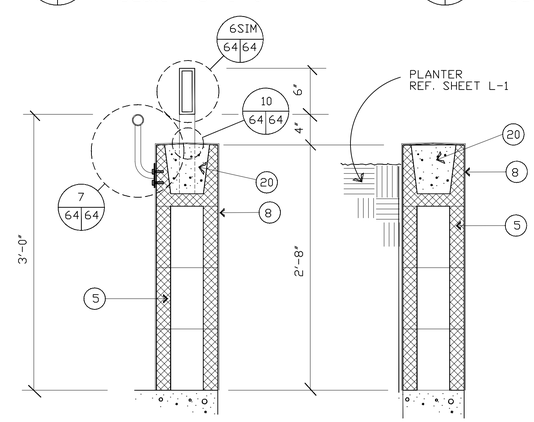
12 (65|64) BUILDING SECTION
Scale: 1/4 "=1'-0"



13 (65|64) SECTION
Scale: 1/4 "=1'-0"

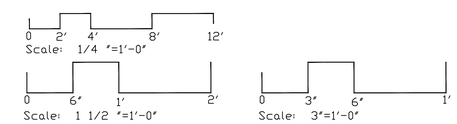


14 (65|64) SECTION
Scale: 1/4 "=1'-0"



15 (64|64) DETAIL
Scale: 1 1/2 "=1'-0"

16 (64|64) DETAIL
Scale: 1 1/2 "=1'-0"



SYM	D.D. NO.	ACTION	DATE	DESCRIPTION OF REVISION
			9/15/95	"REVISED AS-BUILT"
☆		P00017	7/27/94	PROVIDE GUTTERS, DOWNSPOUTS, & SPLASHBLOCKS AT NEW ENTRANCES
4		AM0006	3/8/93	MISC CHANGES

ENGINEERING DIVISION
DESIGN BRANCH

U.S. ARMY ENGINEER DISTRICT, FORT WORTH
CORPS OF ENGINEERS
FORT WORTH, TEXAS

DESIGNED BY: S. MCDONALD
DRAWN BY: S. MCDONALD
REVIEWED BY: J. BRISTOW
SUBMITTED BY: JESSE H. KIDD

FT. BLISS, TEXAS

BARRACKS MODERNIZATION
FY 92 PN 005859

BUILDING SECTIONS

SOL. NO. DACA63-93-B-0010 DATED: NOV. 92
CONTR. NO. DACA63-93-C-0080
DRAWING NUMBER
SHEET NO. A-64 OF 81
SEQUENCE NO. 85

CADD FILE NAME: BM1WS2.DGN

"DRAWING OF WORK AS BUILT"

CONTR. NO. DACA63-93-C-0080