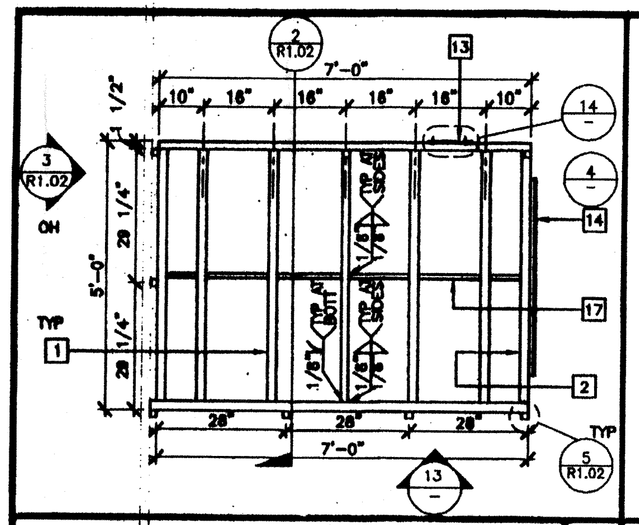
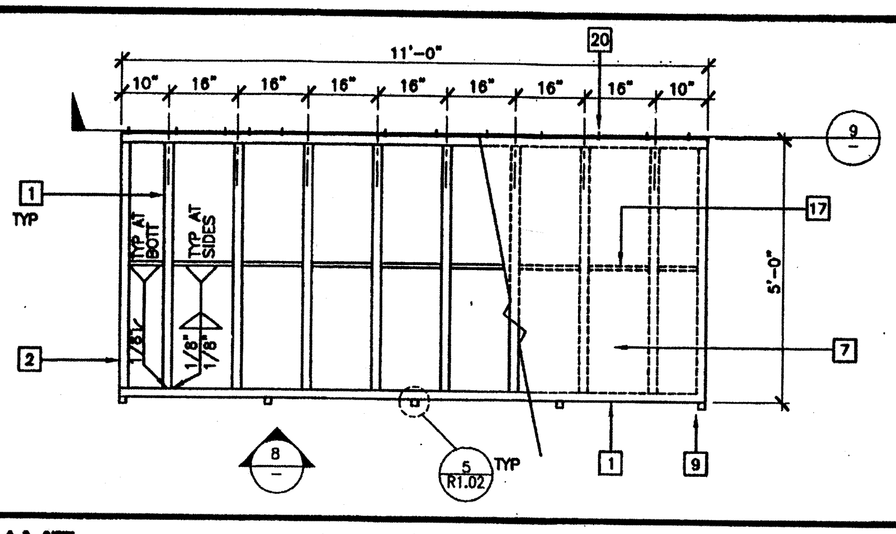
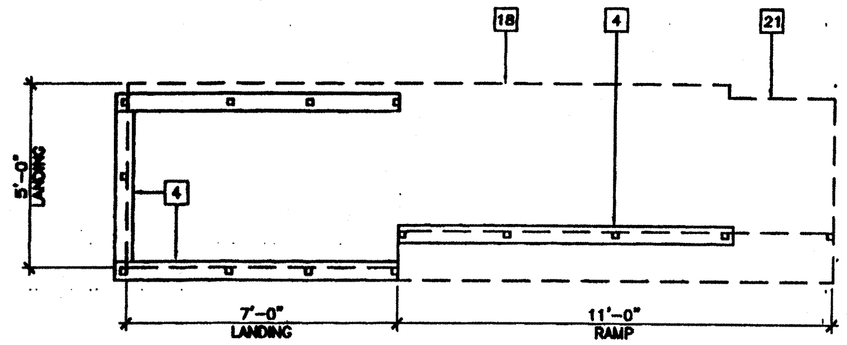


LANDING FRAME | 12



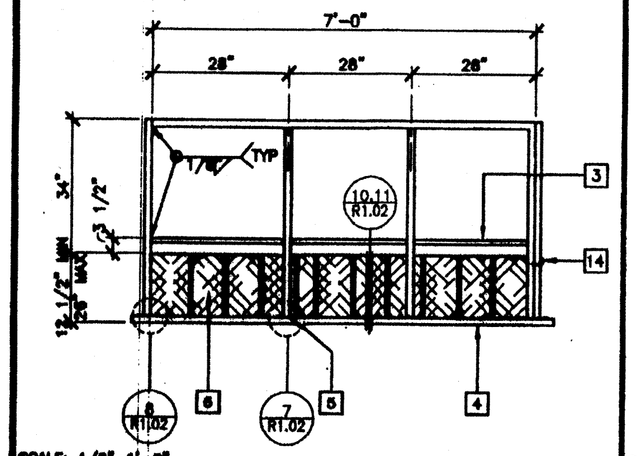
SCALE: NTS

RAMP FRAME | 7



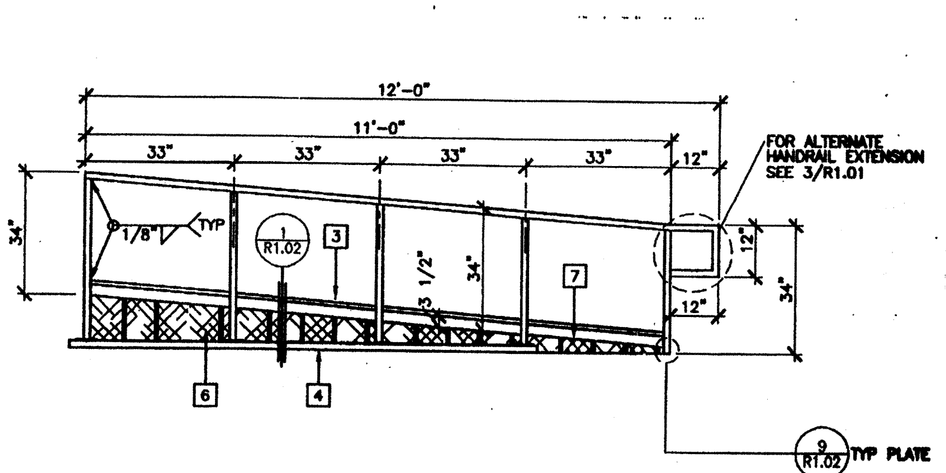
SCALE: 3/8"=1'-0"

SILL PLAN FOR RAMP AND LANDING | 1



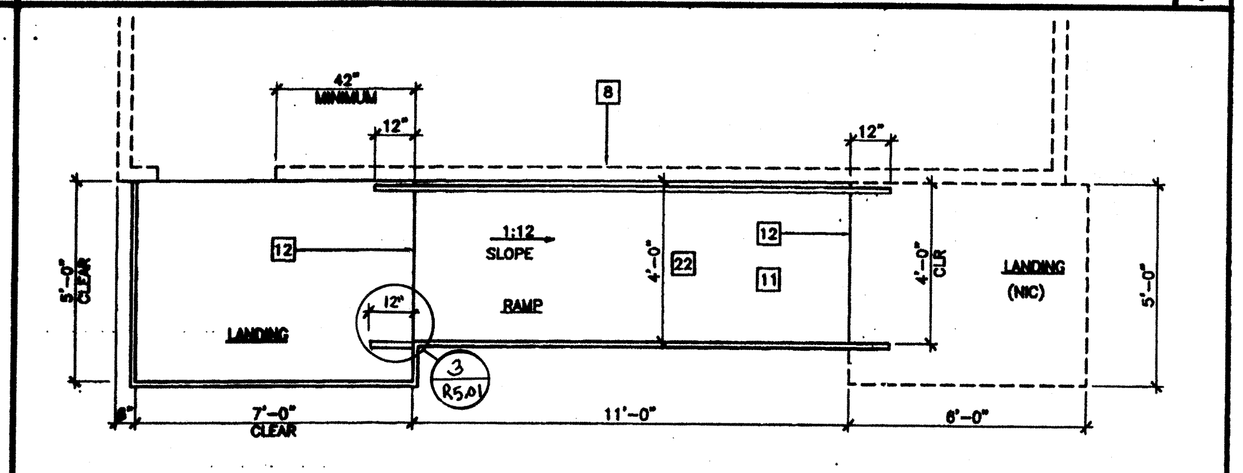
SCALE: 1/2"=1'-0"

LANDING ELEVATION | 13



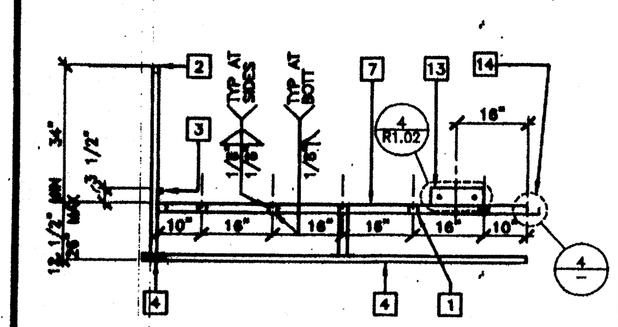
SCALE: 1/2"=1'-0"

RAMP ELEVATION | 8



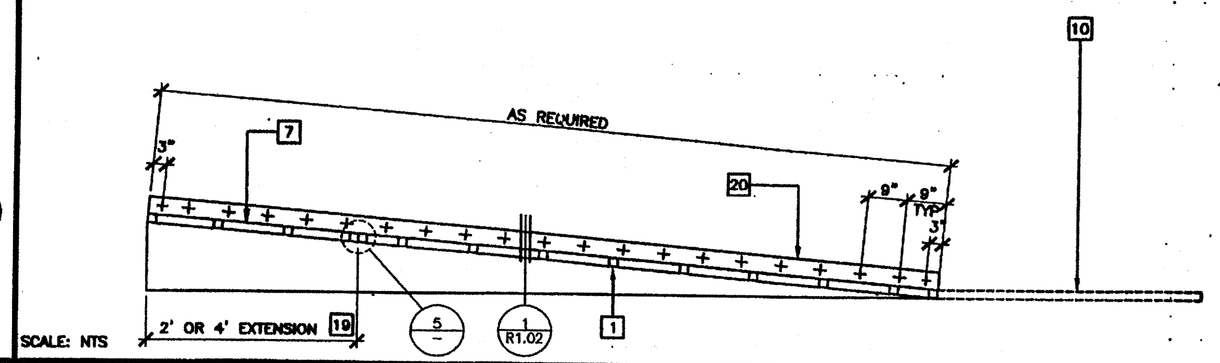
SCALE: 3/8"=1'-0"

RAMP AND LANDING AT BUILDING | 2



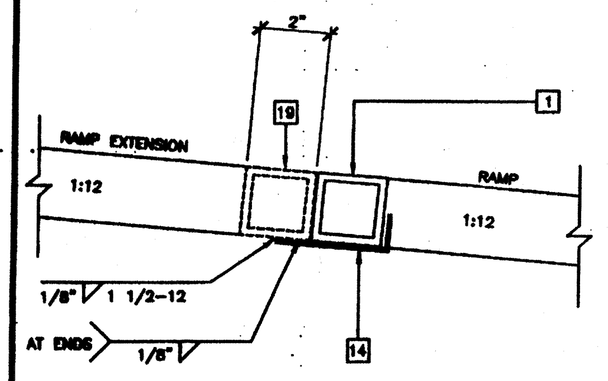
SCALE: NTS

SECTION AT LANDING | 14



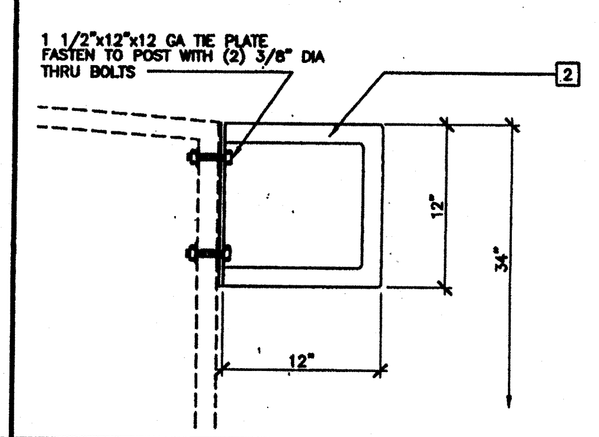
SCALE: NTS

LONGITUDINAL SECTION AT RAMP | 9

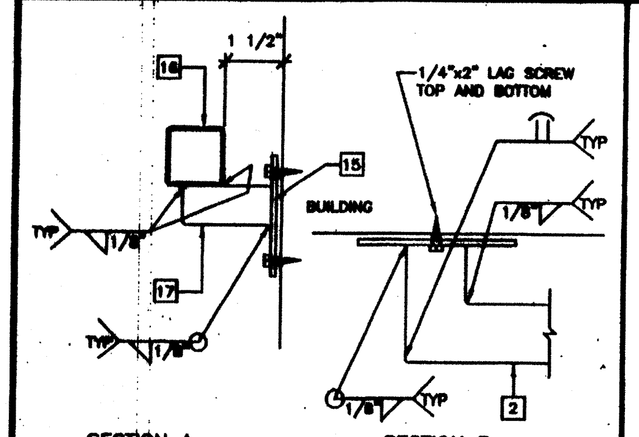


SCALE: NTS

RAMP EXTENSION TO RAMP | 5

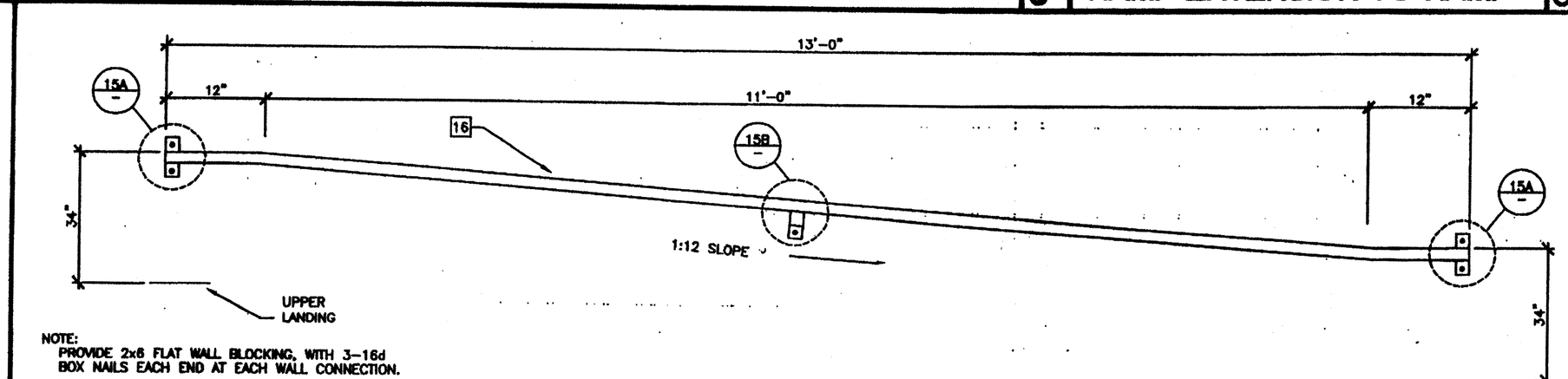


ALTERNATE GUARD RAIL EXTENSION | 3



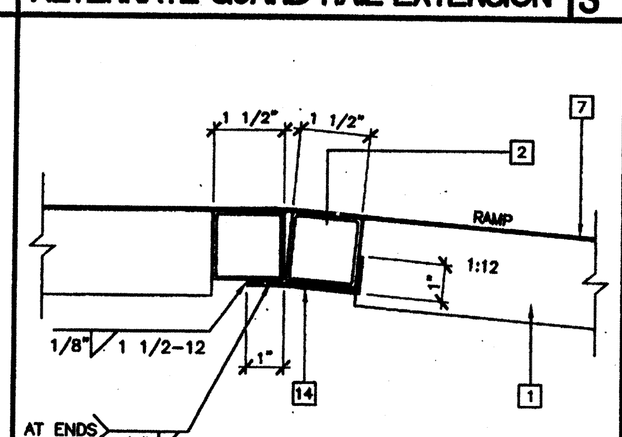
SCALE: NTS

HANDRAIL CONNECTION | 15



SCALE: NTS

HANDRAIL ATTACHED TO BUILDING (OPTIONAL) | 6



SCALE: NTS

RAMP AT LANDING | 4

KEY NOTES

1. TS 2"x2"x14 GA
2. TS 1 1/2"x1 1/2"x14 GA (Fy = 39KSI). ROUNDED OR BEVELED AT CORNERS
3. TS 1"x1"x16 GA WHEELCHAIR GUIDE
4. 2"x8" PRESSURE TREATED SILL PLATE
5. 2"x4"x12 GA BASE PLATE WITH (2) 1/4"x1" LAGS
6. SKIRTING: PLYWOOD TO MATCH BUILDING SIDING. BLOCK ALL EDGES. ATTACH WITH 8d AT 6" OC EDGES AND 12" OC FIELD. AT EDGE CONNECTION TO TUBE STEEL USE #14x2" TEK SCREWS AT 6" OC
7. 12 GA METAL DECK: NON-SLIP SURFACE. DESIGN COEFFICIENT OF FRICTION GREATER THAN 6%. MAINTAINABLE FOR 1 YEAR
8. EXISTING BUILDING
9. 6"x10"x12 GA BASE PLATE AT RAMP TOE
10. LOWER LANDING BY DISTRICT
11. RAMP BY MODTECH
12. FLUSH TRANSITION
13. 6"x12"x10 GA PLATE WITH (2) 1/4"x3" LAGS TO STRUCTURAL FRAME OF BUILDING
14. 3"x1"x3'-0"x10 GA BENT PLATE
15. 2"x4"x 1/8" PLATE
16. TS 1 1/2"x1 1/2"x14 GA HANDRAIL - CONTINUOUS AND UNINTERRUPTED. ROUNDED OR BEVELED AT CORNERS
17. TS 1"x1"x16 GA RAIL SUPPORT
18. LINE OF RAMP/LANDING ABOVE
19. RAMP EXTENSION FRAME
20. 6"x10 GA CONTINUOUS PLATE WITH 1/4"x2" TEK SCREWS AT 9" OC INTO WOOD OR FOUNDATION BLOCKS OR #14x2" TEK SCREWS INTO STEEL AT 9" OC
21. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.
24. NOTCH BOTTOM PLATE (MUD SILL) AS REQUIRED TO CLEAR RAMP TOE. MAX NOTCH 1 1/2"x4'-0" LONG.

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
AC. FLS SS
DATE JUL 17 2003

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT
DATE JUL 10 2003

NOTES

1. RAMPS: RAMPS SHALL NOT SLOPE MORE THAN 1" IN 12"
2. HANDRAILS: HANDRAILS AT BOTH SIDES OF RAMP AT 34" HEIGHT.
3. SURFACE: LANDING & RAMP TO HAVE NON-SLIP SURFACE AMCOR GRIP II AS MANUFACTURED BY AMERICAN CHEMICAL COMPANY (OR EQUAL)
4. GROUNDING: PROVIDE GROUNDING OF RAMP TO BUILDING FRAME WITH #8 COPPER TO BOTH GROUND LUGS.
5. ARCHITECT SITE/RAMP/LANDING PLANNING: DUE TO VARYING SITE CONDITIONS THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 26". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 26"-0" AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY MODTECH INC. IS 11'-0" AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS MODTECH INC RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET
6. ALL 1 1/4" AND 1 1/2" TUBE STEEL TO BE OF ASTM A500 GRADE A STEEL (Fy = 39 KSI)

FILE PATH: --

REVISIONS

1			
2			
3			
4			
5			

Electrical Engineer's Seal

Mechanical Engineer's Seal

PC Professional of Record Seal
REGISTERED ARCHITECT
No. C-19105
RENEWAL DATE 12/31/05
STATE OF CALIFORNIA

Architects Seal

IDENTIFICATION STAMP DIV. OF THE STATE ARCHITECT OFFICE OF REGULATION SERVICES
4796
AC. FLS SS
DATE 8-2-2005

MODTECH™ inc.
2830 BARRETT AVENUE PERRIS, CALIF. 92571
PH (909) 943-4014
FAX (909) 940-0427

PROJECT NUMBER: 4736
WILLIAM SCOTTSMAN

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DRAWN BY: GL
DATE: 07/07/03
CHECKED BY:
DATE:

RAMP/LANDING 11' RAMPS

MODTECH Index No.
R5.01

PROJECT NO. 4736
PC- 04-104796