

1. ENTRY RAMP AND LANDING SPECIFICATIONS
 EACH BUILDING SHALL HAVE A RAMP AND LANDING TO CONFORM TO TITLE 24 C.C.R. SECTIONS 11B-405, 1010 AND 1012. THE RAMP AND LANDING STRUCTURES INCLUDING HANDRAILS AND WHEEL GUIDE RAILS ARE TO BE PREFABRICATED METAL IN SECTIONS THAT ARE DEMOUNTABLE FOR MOVING AND REINSTALLATION AT A NEW SITE. HANDRAILS AND WHEEL GUIDE RAILS SHALL BE CONTINUOUS AND SMOOTH WITH NO GAPS AT JOINTS. DESIGN SHALL BE SUCH THAT HEIGHT ADJUSTMENT CAN BE MADE AT THE INSTALLATION SITE. THE RAMP AND LANDING SURFACE SHALL BE 3/4" MARINE GRADE PLYWOOD OR 11GA SHEET METAL. RAMP AND LANDING SHALL HAVE A NON-SLIP SURFACE FINISH APPLIED. NON-SLIP FINISH SHALL BE AMCOE GRIP II MANUFACTURED BY AMERICAN ABRASIVE METALS OR COMPARABLE. ALL RAMP SURFACES SHALL BE PAINTED AS INDICATED IN SECTION 9B ON SHEET N1.0. RAMP SHALL HAVE HANDRAILS ON BOTH SIDES. WALL MOUNTED HANDRAILS SHALL BE OF SIMILAR CONSTRUCTION TO THE INTEGRAL RAMP HANDRAIL. RAMP AND LANDING SHALL BE FULLY SKIRTED WITH THE SAME MATERIAL USED FOR BUILDING SKIRT. SIDES OF RAMP AND LANDING THAT DO NOT ADJOIN BUILDING WALL SHALL BE SKIRTED. ALL EDGES OF THE PLYWOOD SKIRT SHALL BE SUPPORTED AND PROTECTED FROM WEATHER. FOUNDATION MEMBERS SHALL BE AS FOR BUILDING FOUNDATION. ONLY THE FOUNDATION PAD RESTING ON GRADE MAY EXTEND BEYOND THE OUTSIDE FACE OF THE SKIRT 1" MAXIMUM.

2. FLOOR DECKING
 3/4" MARINE EXTERIOR A.P.A. 48/24 PLYWOOD W/ NON-SLIP SURFACE. DECK SURFACES SHALL BE SEALED ON ALL SIDES. FASTENED TO STEEL FRAMING WITH #10 SELF DRILLING BULGE HEAD GALV. SCREWS OR 0.144"x1 1/2" MIN. GALV SHOT PINS @ 6" O.C. EDGES AND 12" O.C. FIELD, TYP.

3. ALT. FLOOR DECKING
 11 GA. SHEET METAL WITH NON-SLIP SURFACE (0.8 MIN COEFFICIENT OF FRICTION) ATTACHED TO STEEL FRAMING WITH #12x1" STS @ 6" O.C. E.N. & 12" O.C. F.N. MATERIAL STRENGTH SHALL BE 36 KSI MIN. W/ A MODULUS OF ELASTICITY OF 29,500 KSI ± 3%. ACCEPTABLE STEEL MATERIALS INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 ASTM A1011 SS GRADE 36 (Fy=36 KSI)
 ASTM A853 SS GRADE 37 (Fy=37 KSI)
 ASTM A1008 SS GRADE 40 (Fy=40 KSI)

4. GROUNDING OF BUILDING COMPONENT
 CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NECESSARY CONNECTORS TO GROUND THE METAL PORTIONS OF THE BUILDING (I.E. FRAME, RAMP, ETC.) GROUNDING ROD, WIRES AND TESTING SHALL BE PROVIDED BY OTHER AND MEET THE REQUIREMENTS OF I.R. E-1 ISSUED BY D.S.A.

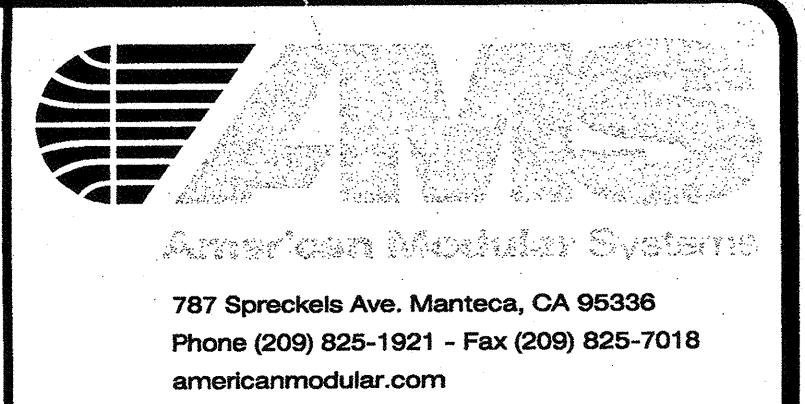
5. RAMP SLOPE
 RAMP SHALL NOT SLOPE MORE THAN 1" RISE OVER A 12" RUN (1:12). CROSS SLOPE SHALL NOT EXCEED 1:48.

6. HANDRAILS
 HANDRAILS SHALL BE INSTALLED ON BOTH SIDES OF RAMP AT 34" HIGH MAX.

7. RAMP PLANNING
 DUE TO VARYING SITE CONDITIONS, THE MAXIMUM HEIGHT OF FINISH FLOOR FROM GRADE IS 24". THEREFORE IT IS POSSIBLE THAT THE ACCESS RAMP ATTACHED TO THE BUILDING COULD BE 24'-0" LONG AT A SLOPE OF 1:12. ARCHITECT MUST TAKE INTO ACCOUNT THAT THE RAMP SUPPLIED BY AMS, INC. IS 12'-0" LONG AT A SLOPE OF 1:12. THEREFORE THE ARCHITECT WILL HAVE TO DESIGN AND PROVIDE SUFFICIENT DETAILS OF RAMP EXTENSIONS AND BOTTOM LANDING DEPENDING ON PARTICULAR SITE CONDITIONS. IN NO WAY IS AMS, INC. RESPONSIBLE FOR ANY RAMP EXTENSION EXCEEDING THE ORIGINAL PLAN AS SHOWN ON THIS SHEET.

8. LANDINGS
 OVERALL LENGTH OF A LANDING MAY VARY FROM 60" UP TO 40'-0". LENGTH MUST CONFORM TO APPROVED LANDING. SLOPE LANDING NOT TO EXCEED 1:48 TO PREVENT WATER PONDING.

9. FASTENERS
 ALL EXTERIOR USE FASTENERS SHALL BE GALVANIZED OR STAINLESS STEEL.



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PRE-CHECKED SET NAME
24' x 40' THRU 120' x 40' BUILDINGS

SITE SPECIFIC PROJECT NAME

SHEET TITLE
RAMP PLANS & NOTES

MANUFACTURER PROFESSIONAL OF RECORD ON PC

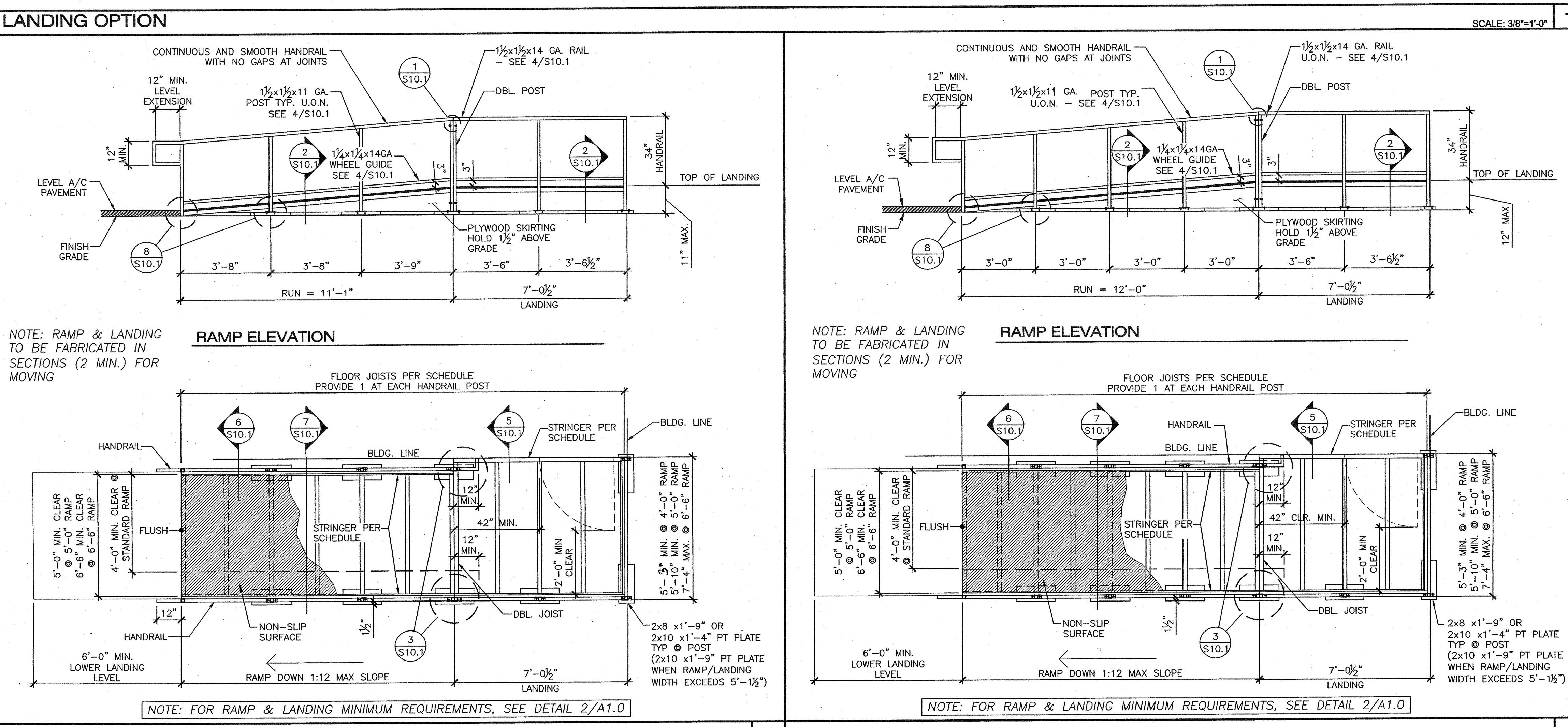
Patrick C. Adams
 No. C12831
 Exp. 03/31/22
 State of California

PROJECT SPECIFIC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APP: 03-118916
 FLS SS
 Date: FEB. 03 2018

ORIGINAL PC STATE AGENCY APPROVAL

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 CA. DEPT. OF GENERAL SERVICES
 PC 02-118776
 DATE: 6/22/15



GENERAL NOTES

STRINGER SCHEDULE⁽¹⁾

| RAMP/LANDING WIDTH | MAX STRINGER SPANS (FT) | 3'-0" | 3'-6" | 3'-9" |
|--------------------|-------------------------|----------|----------|----------|
| 4'-0" | 2x2x14GA | 2x2x14GA | 2x2x14GA | 2x2x14GA |
| 5'-0" | 2x2x14GA | 2x2x14GA | 2x2x14GA | 2x2x14GA |
| 5'-1 1/2" | 2x2x14GA | 2x2x14GA | 2x2x14GA | 2x2x14GA |
| 5'-10" | 2x2x14GA | 2x2x14GA | 2x2x14GA | 2x2x11GA |
| 6'-6" | 2x2x14GA | 2x2x14GA | 2x2x11GA | 2x2x11GA |
| 7'-4" | 2x2x14GA | 2x2x11GA | 2x2x11GA | |

JOIST SCHEDULE⁽¹⁾

| RAMP/LANDING WIDTH | MAX JOIST SPACING | 2x2x14GA | 2x2x11GA | HSS 2x2x1/8 | HSS 2x2x3/16 | HSS 2x2x1/4 |
|--------------------|-------------------|----------|----------|-------------|--------------|-------------|
| 4'-0" | 28" | 24" | 30" | 24" | 30" | 30" |
| 5'-0" | 14" | 14" | 21" | 21" | 21" | 28" |
| 5'-1 1/2" | 14" | 14" | 21" | 21" | 21" | 28" |
| 5'-10" | 10" | 10" | 15" | 15" | 15" | 19" |
| 6'-6" | 6" | 6" | 9" | 9" | 9" | 12" |
| 7'-4" | 5" | 5" | 7" | 7" | 7" | 9" |

(1) SEE 4/S10.1 FOR LIGHT GAUGE STEEL TUBE PROPERTIES, SIZES INDICATED ARE MINIMUM. THICKER TUBES MAY BE USED. HSS 2x2x1/8 OR LARGER PER 11/S10.1 MAY BE SUBSTITUTED FOR LIGHT GAUGE TUBES.

PRE-CHECK (PC) DOCUMENT - CODE: 2013 CBC
 A SEPARATE PROJECT APPLICATION FOR CONSTRUCTION IS REQUIRED.

REVISIONS

DRAWN BY:
 SCALE: AS NOTED
 DATE:

SHEET NUMBER
S10.0