

Advisory 1008.4.2 Clear Floor or Ground Space. Clear floor or ground space, turning spaces, and accessible routes are permitted to overlap within play areas. A specific location has not been designated for the clear floor or ground spaces or turning spaces, except swings, because each play component may require that the spaces be placed in a unique location. Where play components include a seat or entry point, designs that provide for an unobstructed transfer from a wheelchair or other mobility device are recommended. This will enhance the ability of children with disabilities to independently use the play component.

When designing play components with manipulative or interactive features, consider appropriate reach ranges for children seated in wheelchairs. The following table provides guidance on reach ranges for children seated in wheelchairs. These dimensions apply to either forward or side reaches. The reach ranges are appropriate for use with those play components that children seated in wheelchairs may access and reach. Where transfer systems provide access to elevated play components, the reach ranges are not appropriate.

Children's Reach Ranges		
Forward or Side Reach	High (maximum)	Low (minimum)
Ages 3 and 4	38 in (915 mm)	20 in (510 mm)
Ages 5 through 8	40 in (1015 mm)	18 in (455 mm)
Ages 9 through 12	44 in (1120 mm)	16 in (405 mm)

CHAPTER 7: COMMUNICATION ELEMENTS AND FEATURES

702 Fire Alarm Systems
702.1 General. Fire alarm systems shall have permanently installed audible and visible alarms complying with NFPA 72 (1999 or 2002 edition) (incorporated by reference, see "Referenced Standards" in Chapter 1), except that the maximum allowable sound level of audible notification appliances complying with section 4.3.2.1 of NFPA 72 (1999 edition) shall have a sound level no more than 110 dB at the minimum hearing distance from the audible appliance. In addition, alarms in guest rooms required to provide communication features shall comply with sections 4-3 and 4-4 of NFPA 72 (1999 edition) or sections 7.4 and 7.5 of NFPA 72 (2002 edition).

703 Signs

703.1 General. Signs shall comply with 703. Where both visual and tactile characters are required, either one sign with both visual and tactile characters, or two separate signs, one with visual, and one with tactile characters, shall be provided.

703.2 Raised Characters. Raised characters shall comply with 703.2 and shall be duplicated in braille complying with 703.3. Raised characters shall be installed in accordance with 703.4.

703.2.1 Depth. Raised characters shall be 1/32 inch (0.8 mm) minimum above their background.

703.2.2 Case. Characters shall be uppercase.

703.2.3 Style. Characters shall be sans serif. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.2.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "T".

703.2.5 Character Height. Character height measured vertically from the baseline of the character shall be 5/8 inch (16 mm) minimum and 2 inches (51 mm) maximum based on the height of the uppercase letter "T".

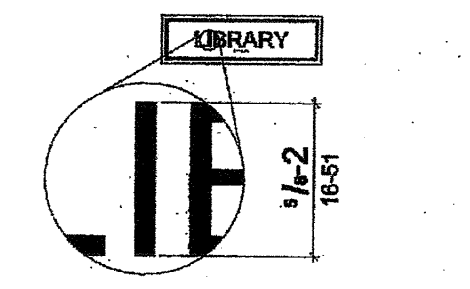


Figure 703.2.5 Height of Raised Characters

703.2.6 Stroke Thickness. Stroke thickness of the uppercase letter "T" shall be 15 percent maximum of the height of the character.

703.2.7 Character Spacing. Character spacing shall be measured between the two closest points of adjacent raised characters within a message, excluding word spaces. Where characters have rectangular cross sections, spacing between individual raised characters shall be 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum. Where characters have other cross sections, spacing between individual raised characters shall be 1/16 inch (1.6 mm) minimum and 4 times the raised character stroke width maximum at the base of the cross sections, and 1/8 inch (3.2 mm) minimum and 4 times the raised character stroke width maximum at the top of the cross sections. Characters shall be separated from raised borders and decorative elements 3/8 inch (9.5 mm) minimum.

703.2.8 Line Spacing. Spacing between the baselines of separate lines of raised characters within a message shall be 135 percent minimum and 170 percent maximum of the raised character height.

703.3 Braille. Braille shall be contracted (Grade 2) and shall comply with 703.3.1 and 703.4.

703.3.1 Dimensions and Capitalization. Braille dots shall have a domed or rounded shape and shall comply with Table 703.3.1. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, and acronyms.

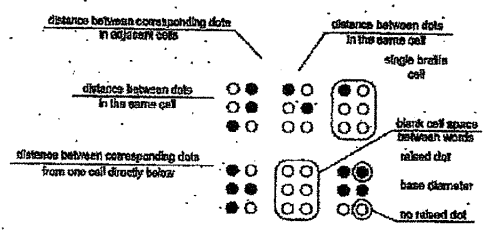


Figure 703.3.1 Braille Measurement

703.3.2 Position. Braille shall be positioned below the corresponding text. If text is multi-lined, braille shall be placed below the entire text. Braille shall be separated 3/8 inch (9.5 mm) minimum from any other tactile characters and 3/8 inch (9.5 mm) minimum from raised borders and decorative elements.

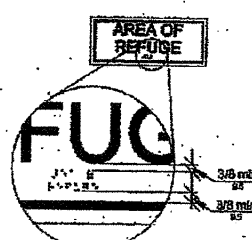


Figure 703.3.2 Position of Braille

703.4 Installation Height and Location. Signs with tactile characters shall comply with 703.4.

703.4.1 Height Above Finish Floor or Ground. Tactile characters on signs shall be located 48 inches (1220 mm) minimum above the finish floor or ground surface, measured from the baseline of the lowest tactile character and 60 inches (1525 mm) maximum above the finish floor or ground surface, measured from the baseline of the highest tactile character.

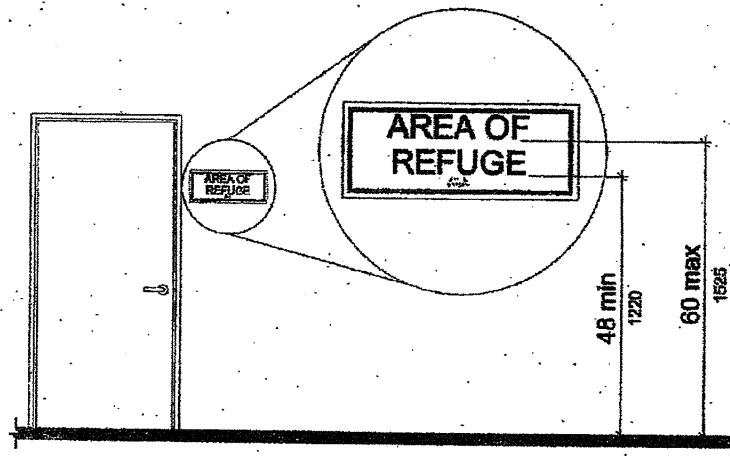


Figure 703.4.1 Height of Tactile Characters Above Finish Floor or Ground

703.4.2 Location. Where a tactile sign is provided at a door, the sign shall be located alongside the door at the latch side. Where a tactile sign is provided at double doors with one active leaf, the sign shall be located on the inactive leaf. Where a tactile sign is provided at double doors with two active leaves, the sign shall be located to the right of the right hand door. Where there is no wall space at the latch side of a single door or at the right side of double doors, signs shall be located on the nearest adjacent wall. Signs containing tactile characters shall be located so that a clear floor space of 18 inches (455 mm) minimum by 18 inches (455 mm) minimum, centered on the tactile characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.

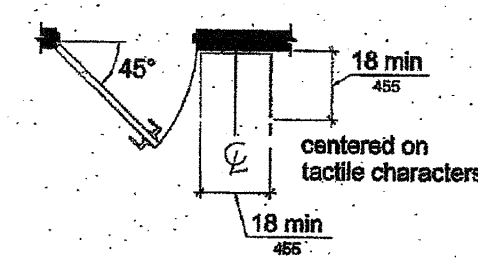


Figure 703.4.2 Location of Tactile Signs at Doors

703.5 Visual Characters. Visual characters shall comply with 703.5.

703.5.1 Finish and Contrast. Characters and their background shall have a non-glare finish. Characters shall contrast with their background with either light characters on a dark background or dark characters on a light background.

703.5.2 Case. Characters shall be uppercase or lowercase or a combination of both.

703.5.3 Style. Characters shall be conventional in form. Characters shall not be italic, oblique, script, highly decorative, or of other unusual forms.

703.5.4 Character Proportions. Characters shall be selected from fonts where the width of the uppercase letter "O" is 55 percent minimum and 110 percent maximum of the height of the uppercase letter "T".

703.5.5 Character Height. Minimum character height shall comply with Table 703.5.5. Viewing distance shall be measured as the horizontal distance between the character and an obstruction preventing further approach towards the sign. Character height shall be based on the uppercase letter "T".

703.5.6 Height From Finish Floor or Ground. Visual characters shall be 40 inches (1015 mm) minimum above the finish floor or ground.

703.5.7 Stroke Thickness. Stroke thickness of the uppercase letter "T" shall be 10 percent minimum and 30 percent maximum of the height of the character.

703.5.8 Character Spacing. Character spacing shall be measured between the two closest points of adjacent characters, excluding word spaces. Spacing between individual characters shall be 10 percent minimum and 35 percent maximum of character height.

703.5.9 Line Spacing. Spacing between the baselines of separate lines of characters within a message shall be 135 percent minimum and 170 percent maximum of the character height.

703.6 Pictograms. Pictograms shall comply with 703.6.

703.6.1 Pictogram Field. Pictograms shall have a field height of 6 inches (150 mm) minimum. Characters and braille shall not be located in the pictogram field.

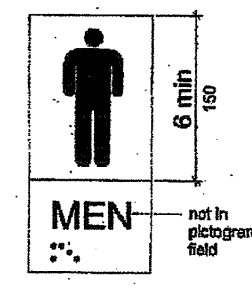
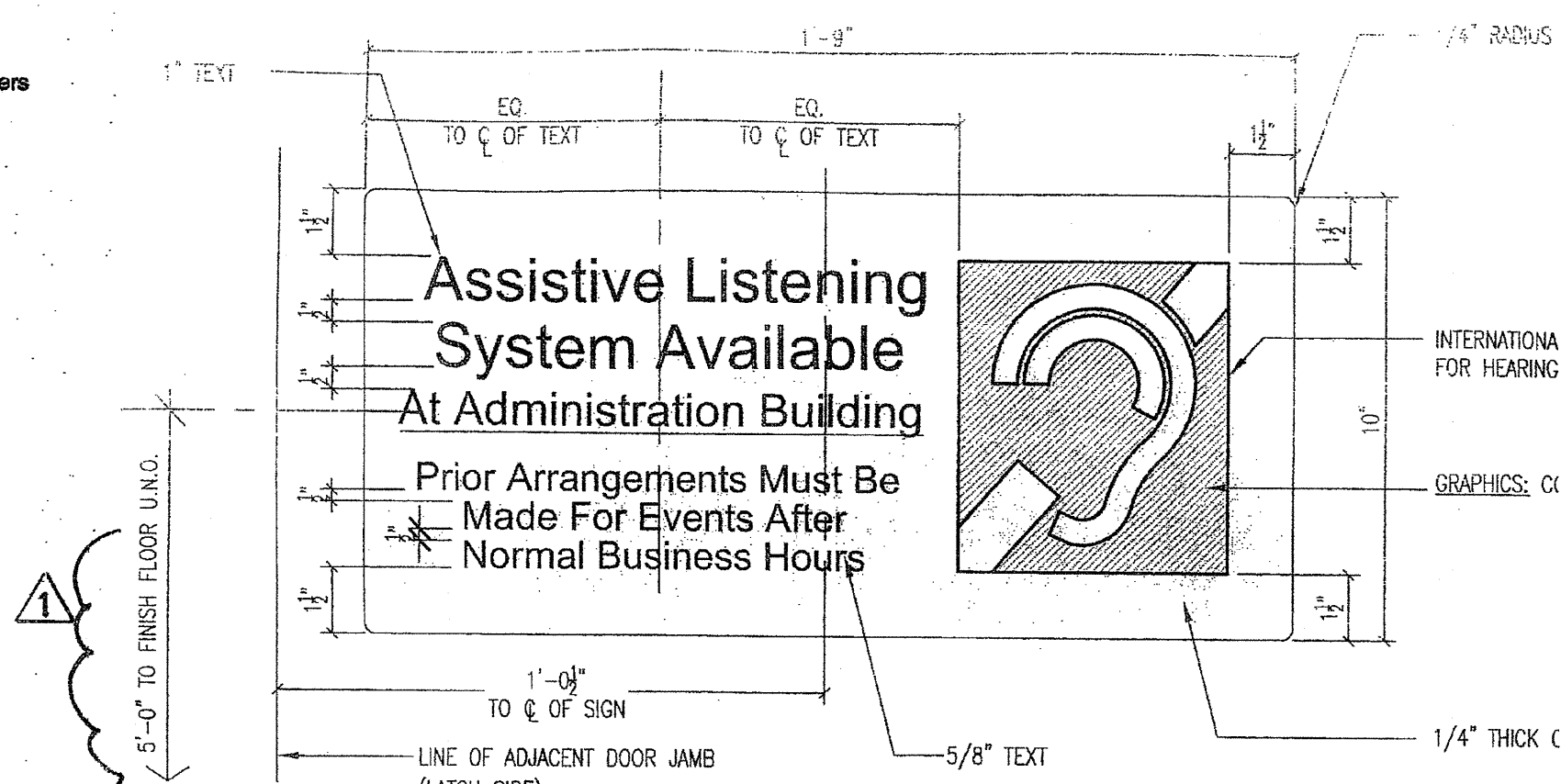
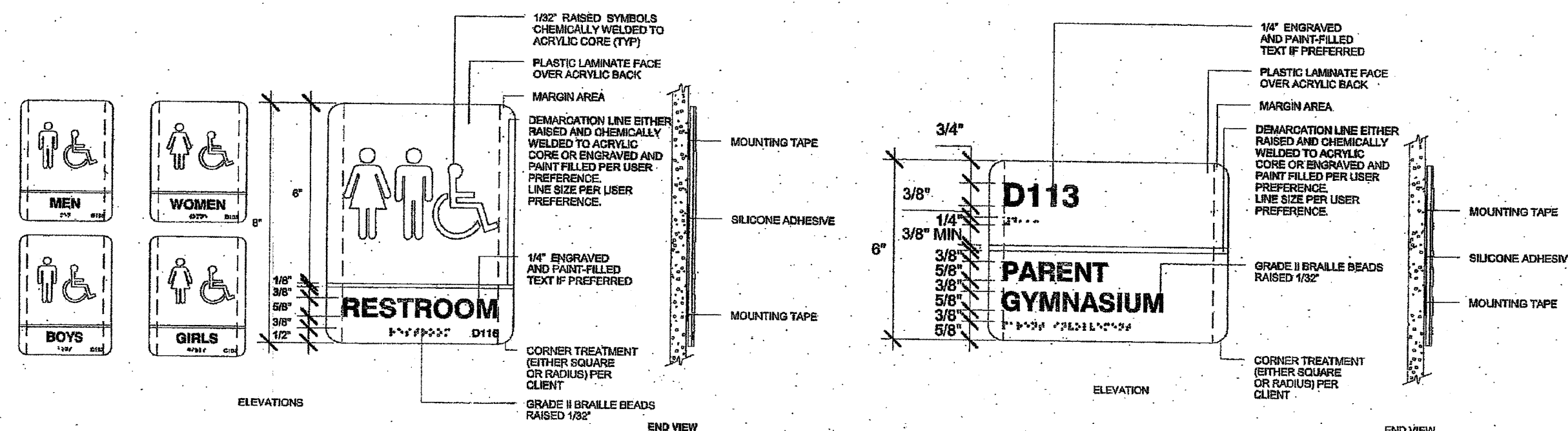


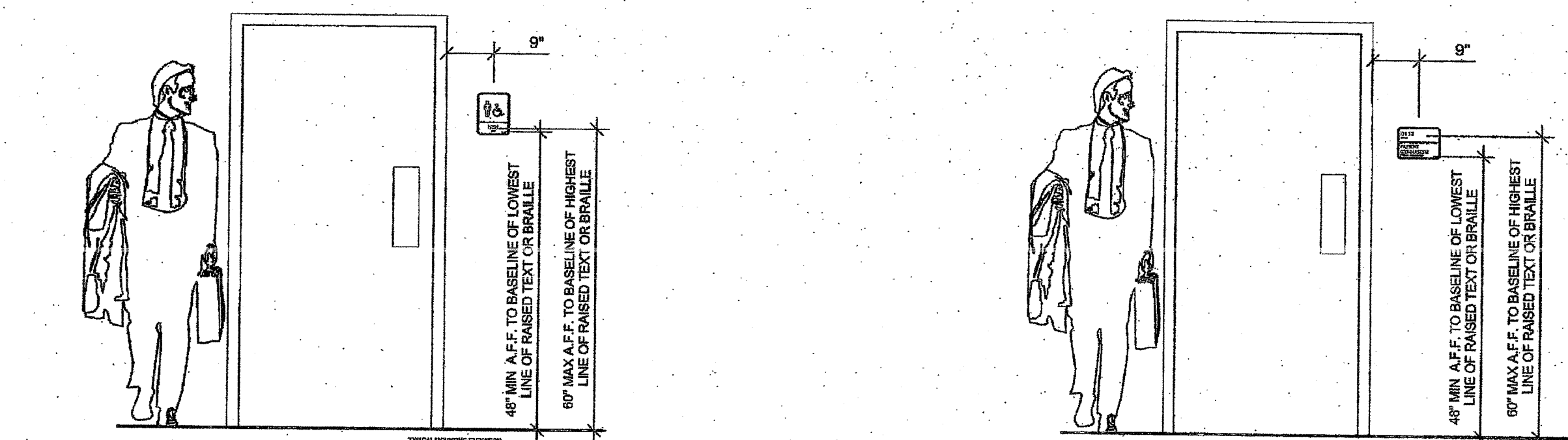
Figure 703.6.1 Pictogram Field dark-on-light



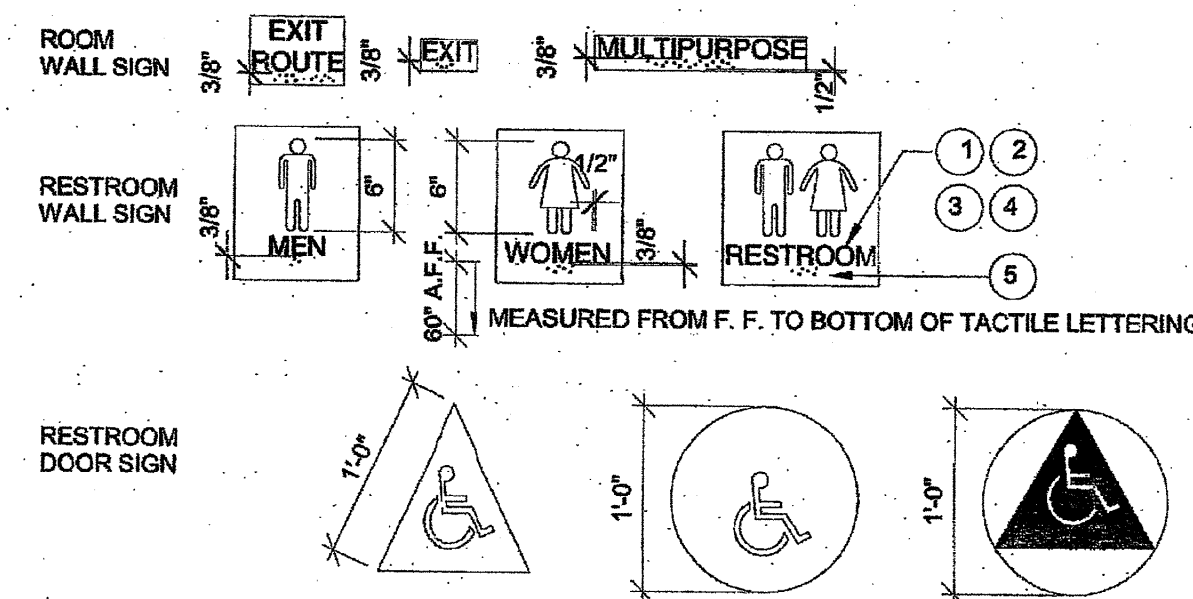
5 1/4" = 1'-0" Sign Notes



4 1/2" = 1'-0" Signage

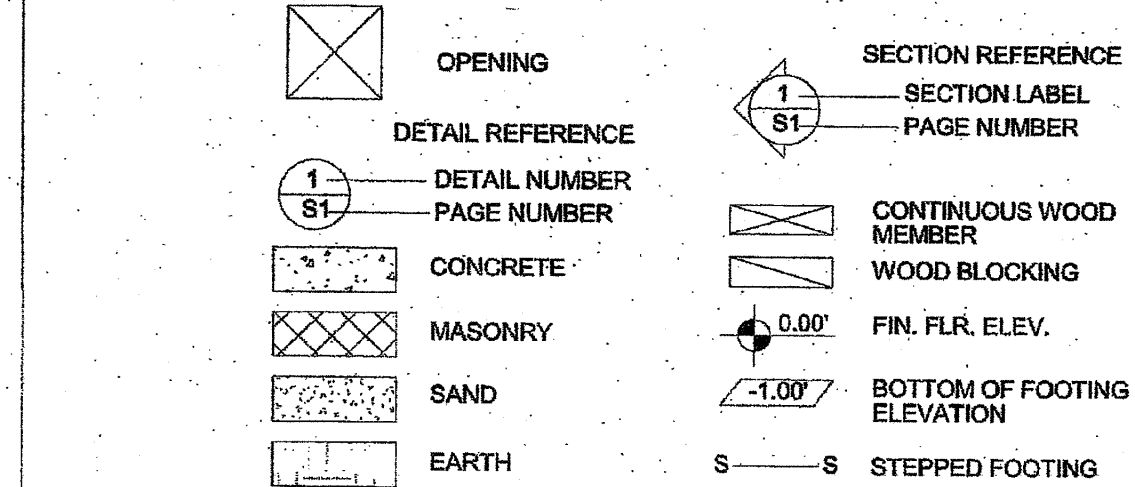


3 1/4" = 1'-0" Signage and Notes



- CHARACTERS ON SIGNS SHALL BE RAISED 1/32 INCH MIN. AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2.
- RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8 INCH AND A MAXIMUM OF 2 INCHES HIGH.
- CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH. 118-703-5.1.
- TRIANGLE OR CIRCLE SMALL CONTRAST WITH DOOR. EITHER LIGHT ON A DARK BACKGROUND OR DARK ON A LIGHT BACKGROUND. 118-703.7.2.5.1 AND 118-703.2.2.6.2
- CHARACTERS ON SIGN SHALL HAVE A WIDTH TO HEIGHT RATIO OF BETWEEN 0.5 AND 1:1 AND A STROKE WIDTH TO HEIGHT RATIO OF BETWEEN 1:5 AND 1:10

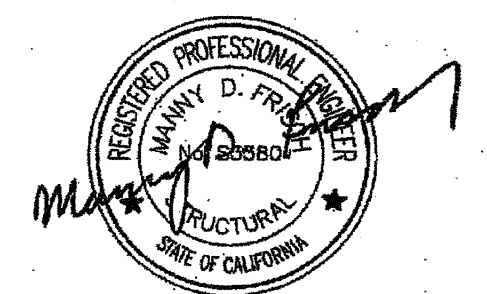
CALIFORNIA CONTRACTED BRAILLE SHALL BE USED WHENEVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10 INCH ON CENTERS IN EACH CELL WITH 2/10 INCH SPACE BETWEEN CELLS, MEASURED THE SECOND COLUMN OF DOTS IN THE FIRST CELL TO THE FIRST COLUMN OF DOTS IN THE SECOND CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/40 INCHES ABOVE THE BACKGROUND



1 8" = 1'-0" Symbols



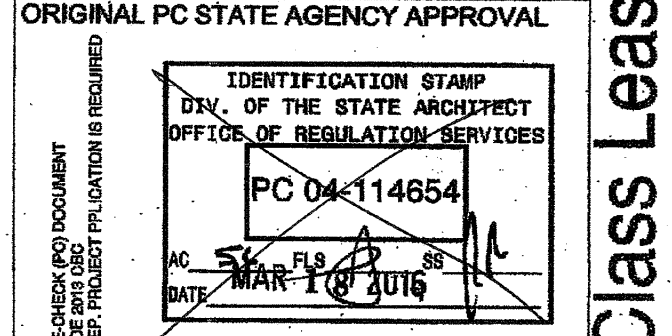
PROFESSIONAL STAMP



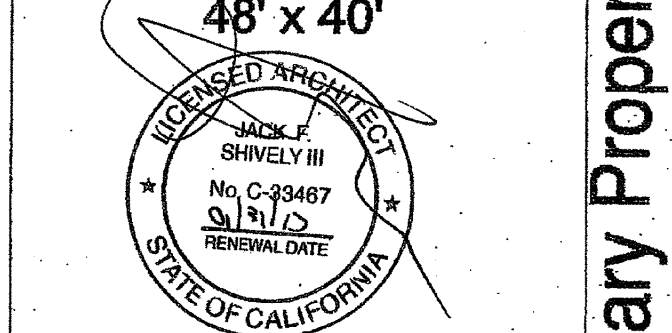
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APPL 04-118283
 DATE: MAY 10 2016



PROJECT TITLE
24' x 40' EXPANDABLE TO 48' x 40'



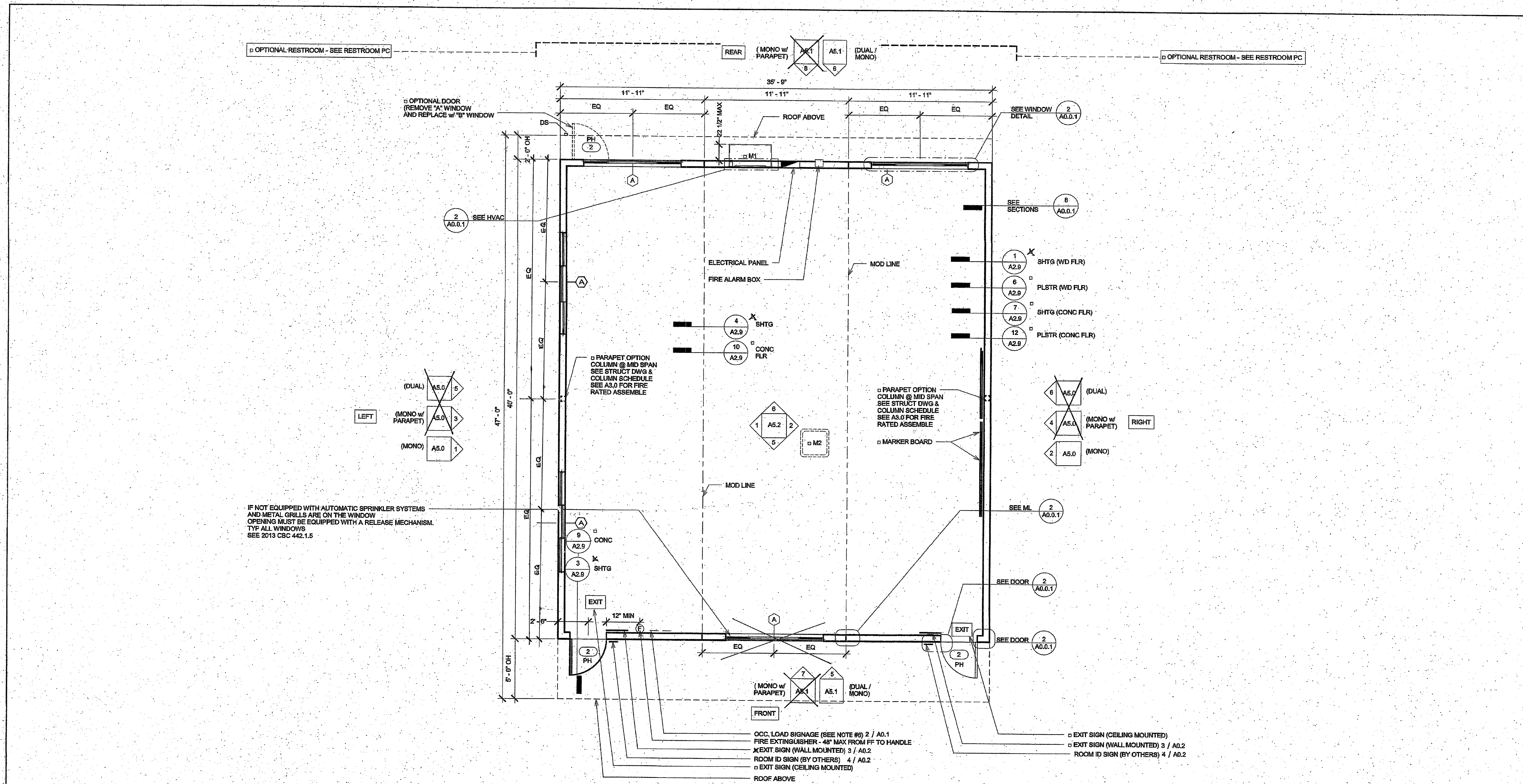
PROJECT SPECIFIC STATE AGENCY APPROVAL
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114654
 DATE: JAN 26 2017

Revision Schedule
 # Description Date

SHEET TITLE
SIGNAGE AND SYMBOLS

PROJECT NUMBER: 15046
 DRAWN BY: rMc/SM
 CHECKED BY: JVRT
 DATE: 2016/03/02
 SHEET NO.: **A0.2**
 SHEET OF SHEETS

Proprietary Property of Class Leasing



1 1/4" = 1'-0"
36x40 Floor Plan

Wall Schedule		
Stud Size	Sheet	Notes
X Wood Wall Stud	84.5	
□ MI Wall Stud	84.5	

Fire Rating Schedule		
Rating	Sheet	Notes
□ 1 HOUR - SIDING OVER WD STUDS	A2.5	
□ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w WD STUDS	A2.6	
□ 1 HOUR - SIDING OVER STL STUDS	A2.7	
□ 1 HOUR - PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w STL STUDS	A2.8	

SEE A5.0 FOR ADDITIONAL FIRE ASSEMBLY NOTES AND DETAILS

Ext. Finish Schedule		
Finishes	Sheet	Notes
X SIDING OVER WD STUDS	A2.1	
□ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w WD STUDS	A2.2	
□ SIDING OVER STL STUDS	A2.3	
□ PLASTER OVER 1/2" OSB OR 1/2" CDX PLY w STL STUDS	A2.4	

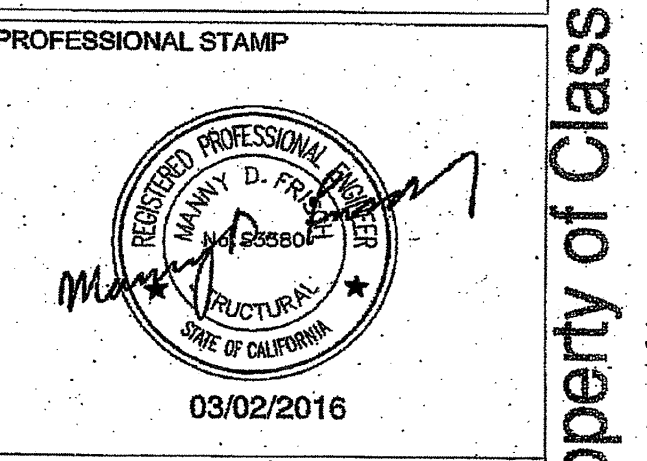
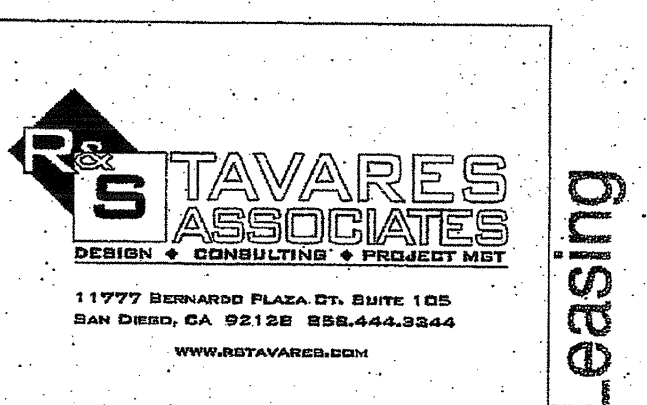
Roofing Schedule				
"SLOPE"	EDPM	Standing Seam	Parapet	Notes
Dual	□ A4.2.2	□ A4.0.2	N/A	
Mono	□ A4.2.1	X A4.0.1	□ A4.4.1	

HVAC Unit		
Keynote	Type	Type Comments
X M1	Wall Mounted HVAC	See (M)-Sheets
□ M2	Roof Mounted HVAC	See (M)-Sheets

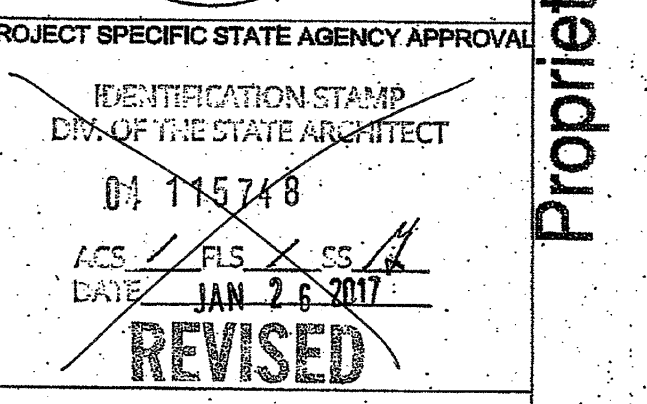
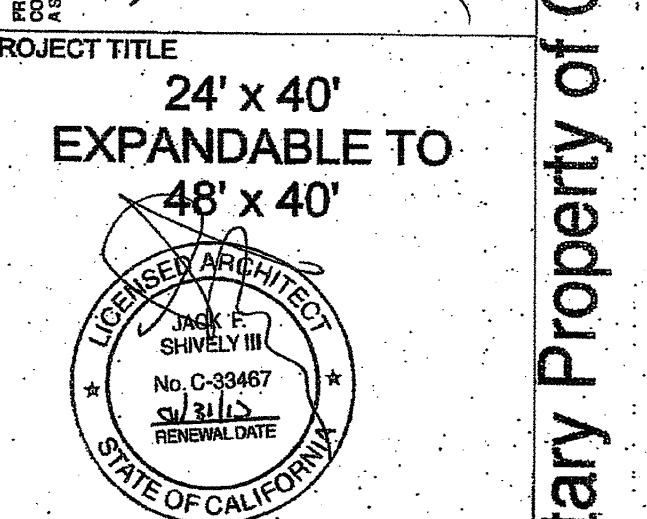
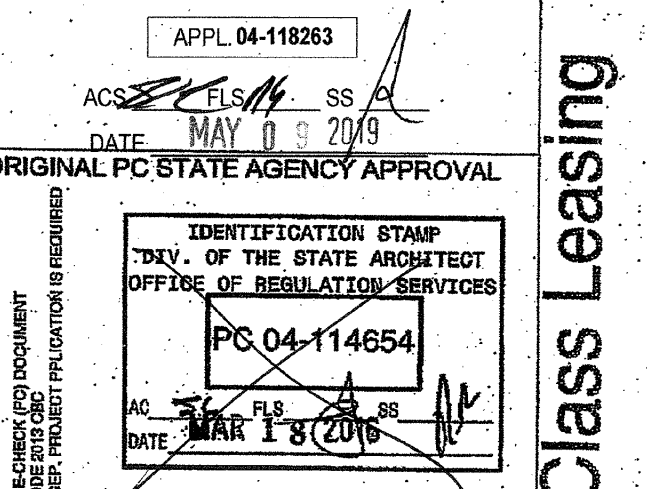
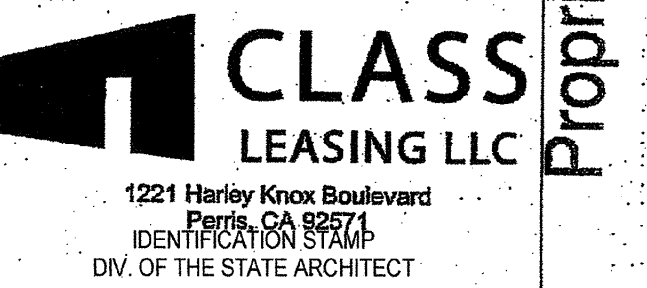
5 1/4" = 1'-0"
Wall Schedule

4 1/4" = 1'-0"
Fire Rating Schedule

3 1/4" = 1'-0"
Ext. Finish Schedule



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Revision Schedule		
#	Description	Date
1	1/4" = 1'-0" 36x40 Floor Plan	

SHEET TITLE
36x40 FLOOR PLAN

PROJECT NUMBER	
15046	
DRAWN BY	rMc/SM
CHECKED BY	JA/RT
DATE	2016/03/02
SHEET NO.	A1.1
SHEET OF SHEETS	

Proprietary Property of Class Leasing

	VENT AREA REQ = $\frac{950 \text{ SF}}{150} = 6.4 \text{ SF}$ VENT AREA AVAIL = (4) 1.75 VENT = 7 SF
	VENT AREA REQ = $\frac{1440 \text{ SF}}{150} = 9.6 \text{ SF}$ VENT AREA AVAIL = (4) 1.75 SF + (4) 0.75 SF = 10 SF
	VENT AREA REQ = $\frac{1920 \text{ SF}}{150} = 12.8 \text{ SF}$ VENT AREA AVAIL = (4) 1.75 SF + (8) 0.75 = 13 SF

KEY PLAN VENTING SCHEDULE	
VENT "A" (SIDEWALL):	3'-0" x 6" = 1.75 S.F. VENTILATION
VENT "B" (ENDWALL):	3'-0" x 3" = 0.75 S.F. VENTILATION

- WOOD FOUNDATION CONSTRUCTION IS ALLOWED FOR BUILDINGS WITH 2160 SF AND UNDER.
- SILL PLATES SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE PRESURE TREATED MATERIAL AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT. MATERIALS ABOVE THE SILL PLATES ARE NOT CONTROLLED BY THIS REQUIREMENT.
- VENTS THAT OCCUR INSIDE RAMP BOUNDARIES SHALL REQUIRE A VENT OF EQUAL SIZE AT RAMP SKIRTING.
- TO PREVENT SLIDING; A 1 INCH G.S. SCHEDULE 40 PIPE (1.315" ACTUAL O.D.) SHALL BE ATTACHED TO SILL PLATE AND ANCHORED INTO THE EARTH W/ 12 MIN EMBEDMENT (PROJECTED VERTICALLY @ 10" - 0" MAX O.C. AND SHALL BE LOCATED A MAXIMUM OF 2'-0" FROM CORNERS
- STACKED FOUNDATION MEMBERS SHALL BE FASTENED TO ONE ANOTHER W/ CORROSION RESISTANT NAILS.
- WOOD FOUNDATION HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING PRESSURE OF 1,000 PSF.
- REFER TO ARCHITECT'S SITE PLAN FOR DRAINAGE.

7 1/4" = 1'-0"
NOTES FOR 50+15

(2) 16d NAILS SILL TO BASE CONNECTION FOR 50+15 SEE 7 / F1.10			
	ENDWALL	SIDEWALL	SEPERATION
24x40	9" O.C	12" O.C	12" O.C
36x40	11" O.C	12" O.C	12" O.C
48x40	12" O.C	12" O.C	12" O.C

9 1/4" = 1'-0"
KEY PLAN VENTING SCHEDULE FOR 50+15 PSF

6 1/4" = 1'-0"
NAILING SCHEDULE FOR 50+15

WOOD FOUNDATION PLATE SCHEDULE								
50 + 15 PSF								
PLATES	END WALL	SIDE WALL	MODLINE ENDS	MODLINE INTERIOR	ML "B" ENDS	ML "B" INTERIOR	SEPERATION ENDS	SEPERATION INTERIOR
BOOSTER	2x4	2x4	2x6	2x6	2x6	2x6	2x4	2x4
TOP	2x6	2x6	2x6	2x6	2x10	2x10	2x6	2x6
BASE	2x6	2x6	2x10	2x10	2x12	2x12	2x6	2x6
SILL	2x12	2x12	(8) 2x12, 24' LONG	(8) 2x12, 24' LONG	(8) 2x12, 24' LONG	(8) 2x12, 24' LONG	2x12	2x12

* MODLINE "B" - MODLINE W/ EXT. WALLS BACK-TO-BACK SEE F1.14

TIE PLATE SCHEDULE		
	END WALL	SIDE WALL
24x40	4	2
36x40	5	2
48x40	7	2

4 1/4" = 1'-0"
TIE PLATE SCHEDULE FOR 50+15

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1 1/16" = 1'-0"
50+15 VENTING LAYOUT

8 1/4" = 1'-0"
WOOD FOUNDATION PLATE SCHEDULE FOR 50+15

4 1/4" = 1'-0"
TIE PLATE SCHEDULE FOR 50+15

11777 BURNBURY PLAZA, ST. LOUIS, MO 63114
314-991-1100 FAX: 314-991-1104
WWW.RS-TAVARES.COM

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03/02/2016

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CLIENT

1221 Harley Knox Boulevard
Petaluma, CA 94951
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT

APPL 04-118283

DATE MAY 03 2015

ORIGINAL PC STATE AGENCY APPROVAL

PROJECT TITLE

24' x 40'
EXPANDABLE TO
48' x 40'

PROJECT SPECIFIC STATE AGENCY APPROVAL

Revision Schedule

#	Description	Date

SHEET TITLE

WOOD
FOUNDATION
NOTES SCHED FOR
BLDG W/ 50+15

PROJECT NUMBER

15046

DRAWN BY

rMc/SM

CHECKED BY

JA/RT

DATE

2016/03/02

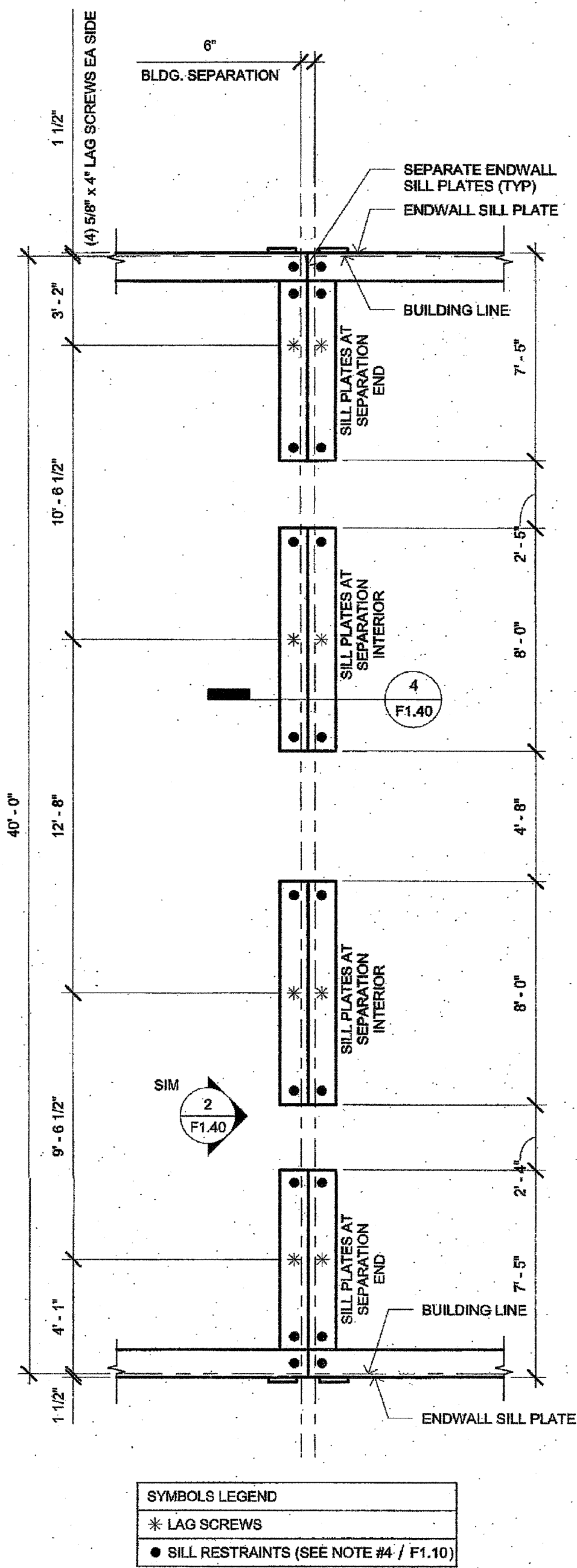
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F1.10

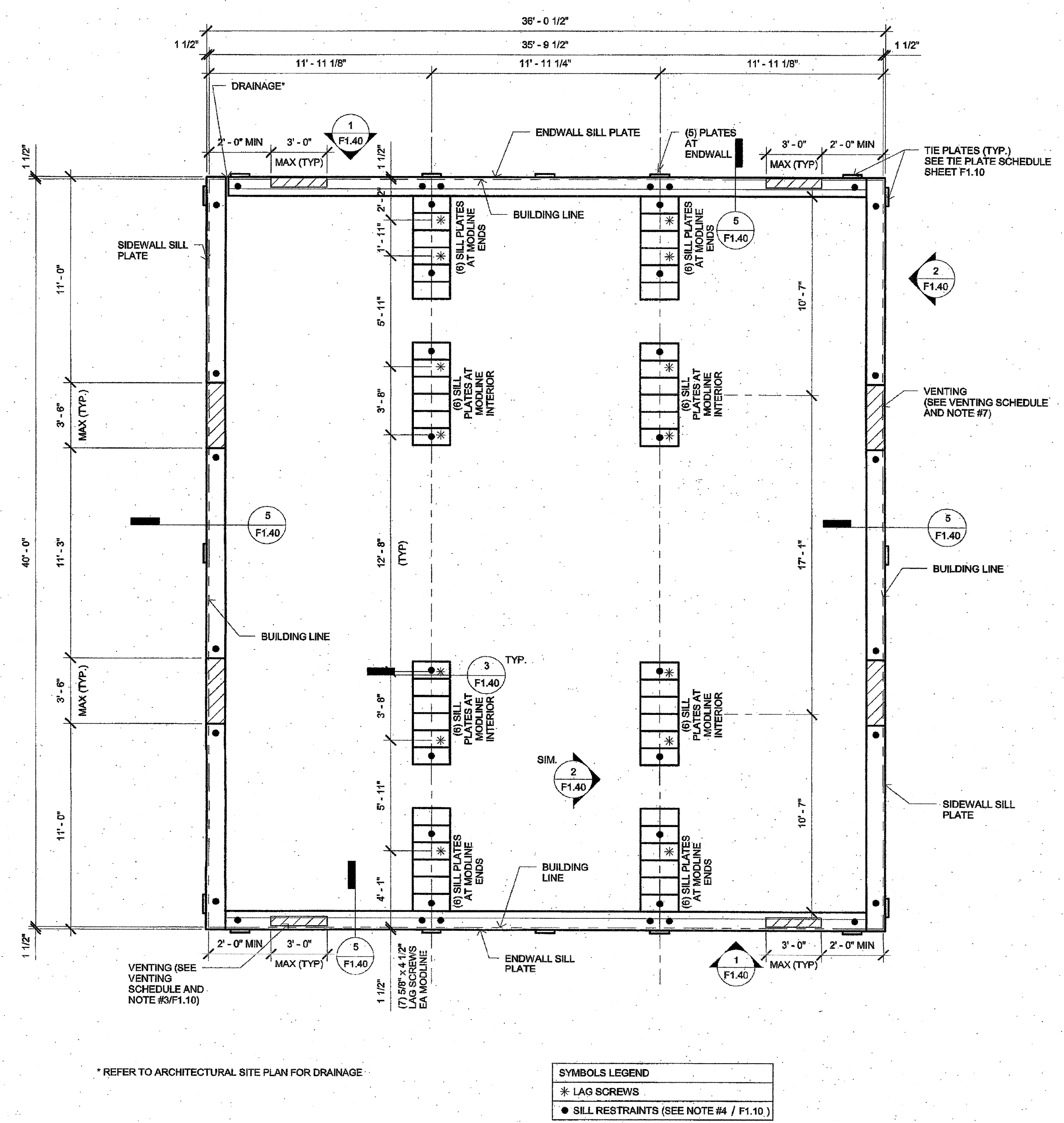
SHEET OF SHEETS

Proprietary Property of Class Leasing

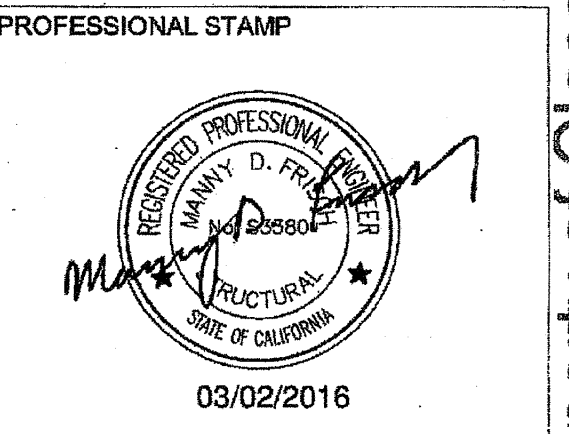
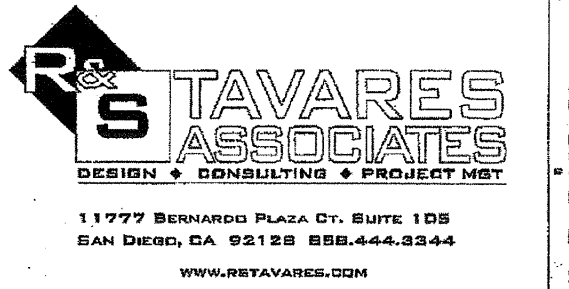
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3/2/2016 7:51:23 PM



2 1/4" = 1'-0"
FOOTING AT SEPARATION 36x40 FOR 50+15



1 1/4" = 1'-0"
FOUNDATION PLAN 36x40 FOR 50+15



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CLIENT
CLASS LEASING LLC

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Palo Alto, CA 94301
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL 04-116283
ACS FLS SS
DATE JAN 03 2016

ORIGINAL PC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-11654
ACS FLS SS
DATE MAR 16 2016

PROJECT TITLE
**24' x 40'
EXPANDABLE TO
48' x 40'**

PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04-115748
ACS FLS SS
DATE JAN 28 2017
REVISED

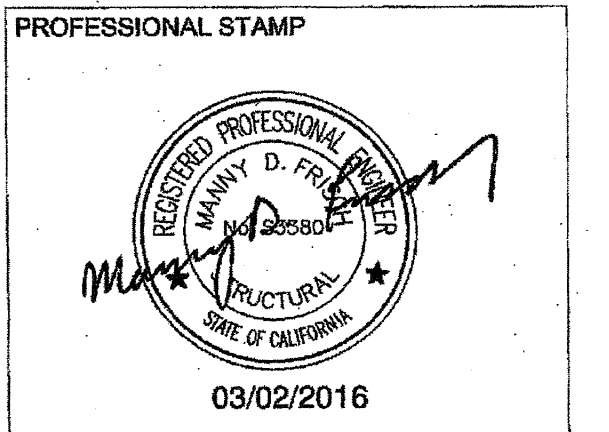
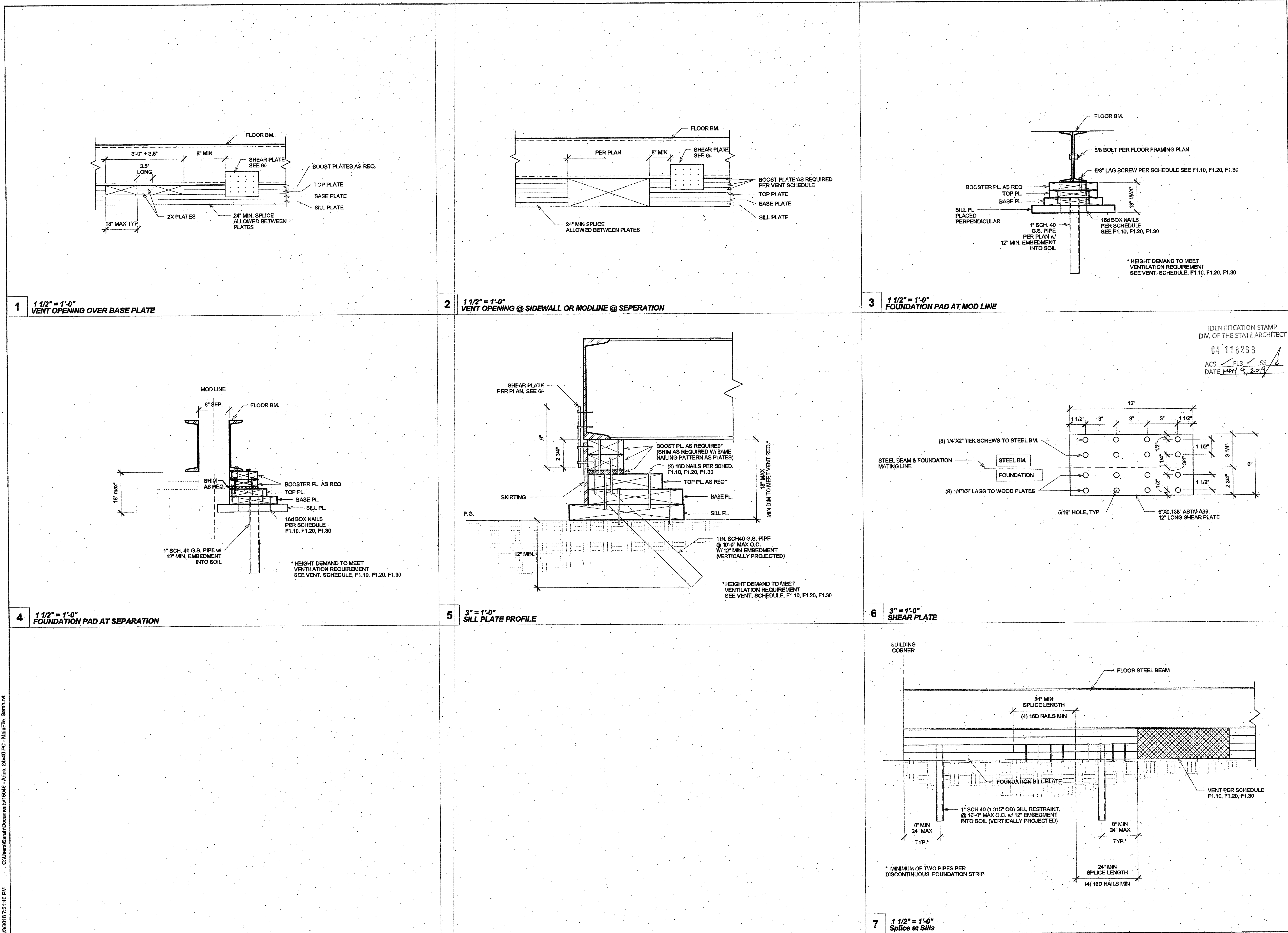
#	Description	Date

SHEET TITLE
**WOOD
FOUNDATION 36x40
BLDG W/ 50+15**

PROJECT NUMBER
15046
DRAWN BY
rMc/SM
CHECKED BY
JA/RT
DATE
2016/03/02
SHEET NO.

F1.12
SHEET OF SHEETS

Proprietary Property of Class Leasing

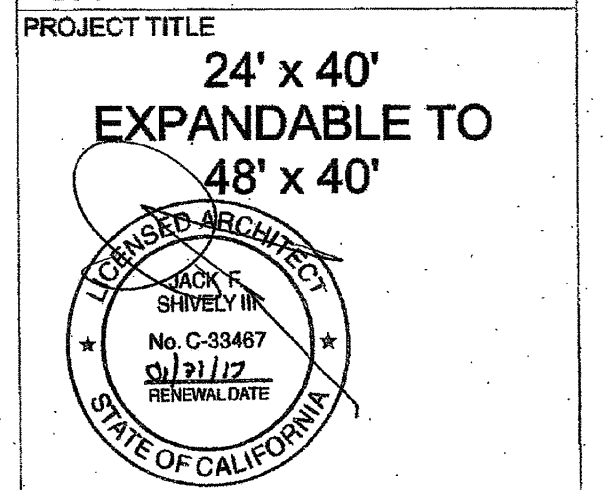
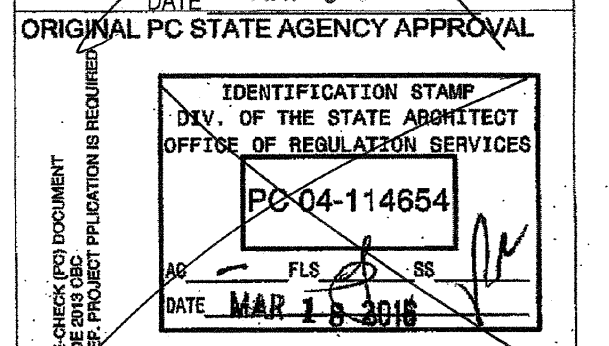


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Pasadena, CA 91107
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DIV. OF THE STATE ARCHITECT

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 110263
DATE MAY 0 2010
ACS / PLS / SS



PROJECT SPECIFIC STATE AGENCY APPROVAL
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 115748
DATE JAN 26 2017
ACS / PLS / SS

Revision Schedule		
#	Description	Date

SHEET TITLE
WOOD FOUNDATION DETAILS

PROJECT NUMBER
15046

DRAWN BY
rMc/SM

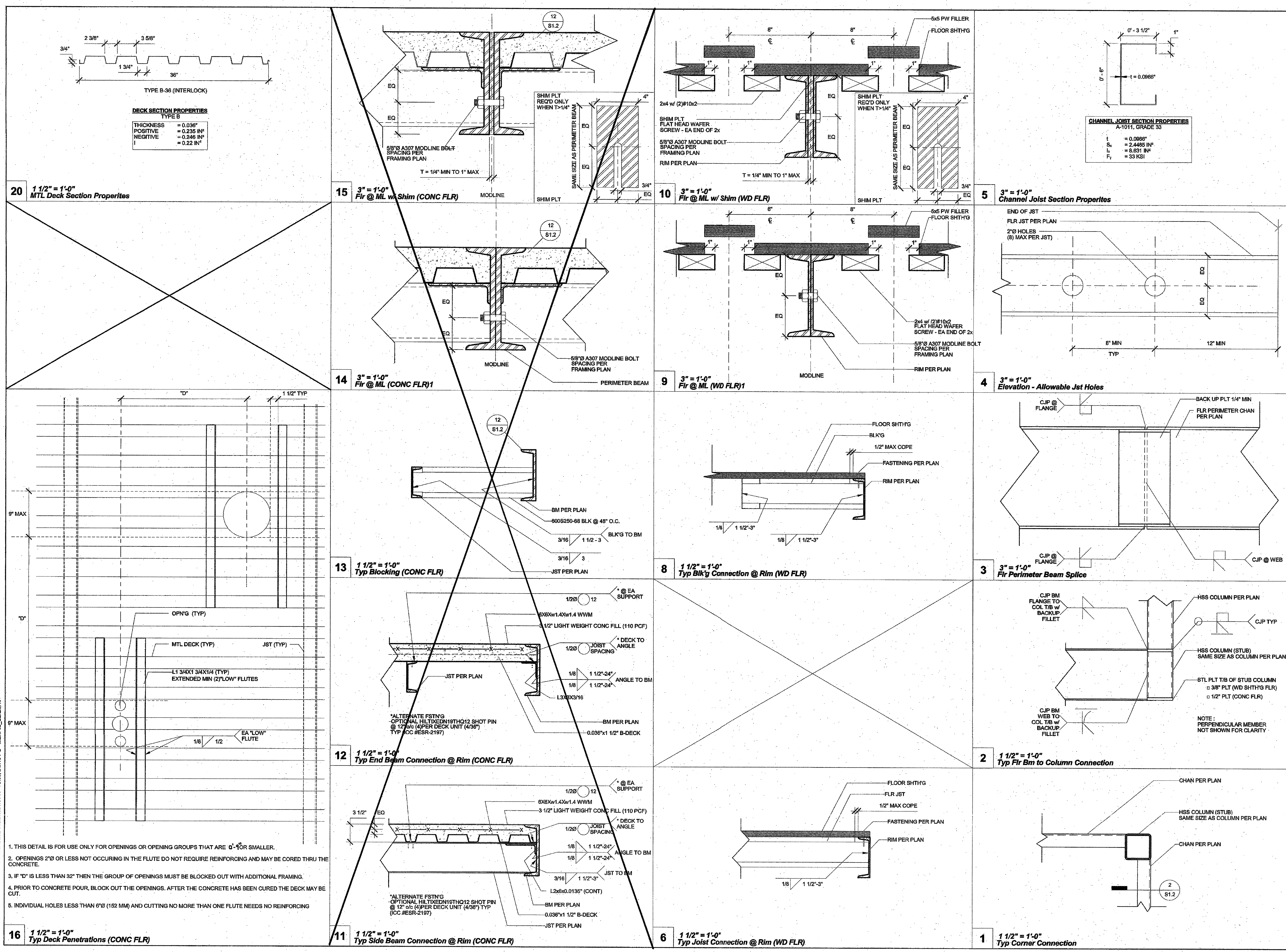
CHECKED BY
JA/RT

DATE
2016/03/02

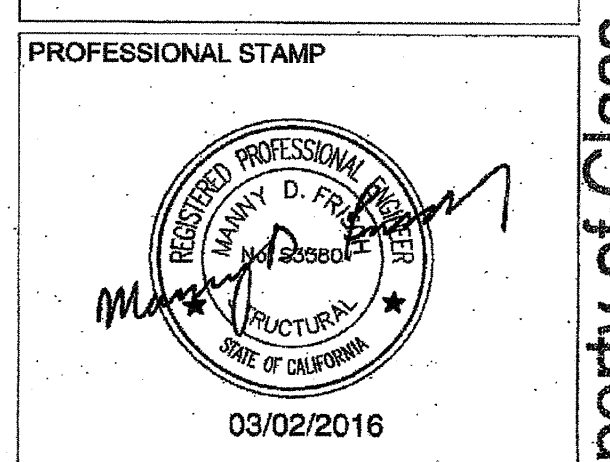
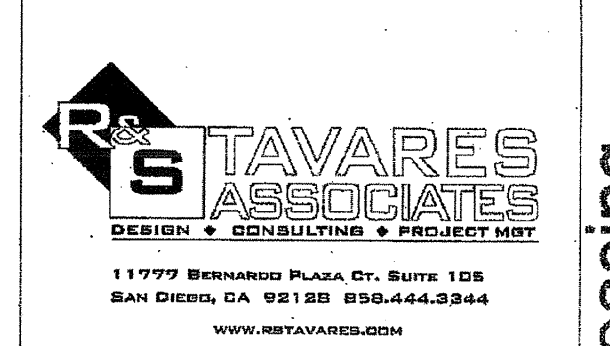
SHEET NO.
F1.40

SHEET OF SHEETS

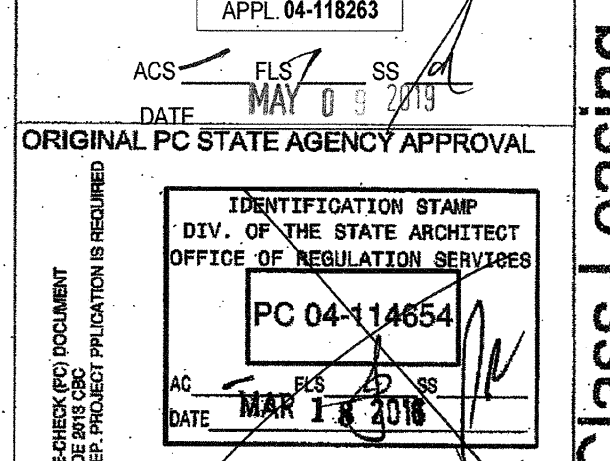
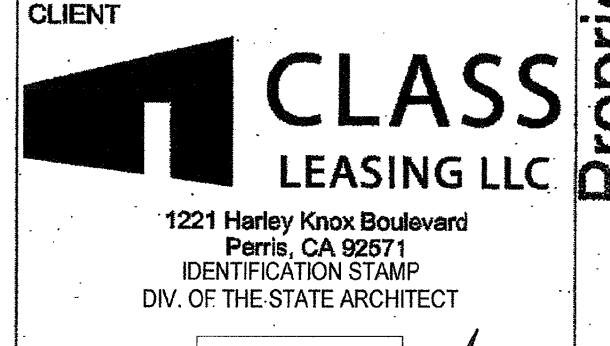
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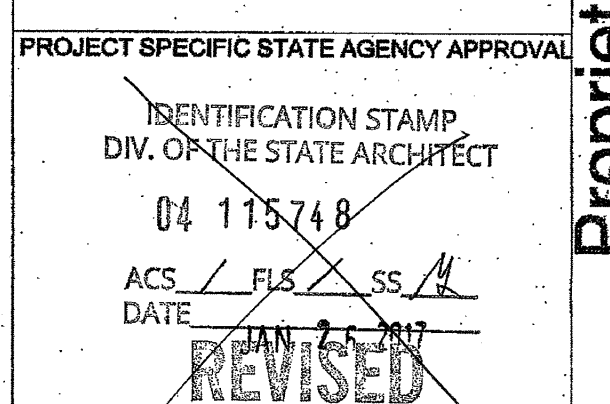
1. THIS DETAIL IS FOR USE ONLY FOR OPENINGS OR OPENING GROUPS THAT ARE 0'-0" OR SMALLER.
 2. OPENINGS 2"Ø OR LESS NOT OCCURRING IN THE FLUTE DO NOT REQUIRE REINFORCING AND MAY BE CORED THRU THE CONCRETE.
 3. IF "D" IS LESS THAN 32" THEN THE GROUP OF OPENINGS MUST BE BLOCKED OUT WITH ADDITIONAL FRAMING.
 4. PRIOR TO CONCRETE POUR, BLOCK OUT THE OPENINGS. AFTER THE CONCRETE HAS BEEN CURED THE DECK MAY BE CUT.
 5. INDIVIDUAL HOLES LESS THAN 6"Ø (152 MM) AND CUTTING NO MORE THAN ONE FLUTE NEEDS NO REINFORCING



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PROJECT TITLE
 24' x 40'
 EXPANDABLE TO
 48' x 40'



#	Description	Date
1	Revised	

SHEET TITLE
STRUCTURAL DETAILS (FLOOR)

PROJECT NUMBER: 15046
 DRAWN BY: rMc/SM
 CHECKED BY: JA/RT
 DATE: 2016/03/02
 SHEET NO.: **S1.2**
 SHEET OF SHEETS: 1

Proprietary Property of Class Leasing

PARTIAL LIST OF APPLICABLE CODES AS OF JULY 1, 2014

2013 ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. *
 2013 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
 (2012 INTERNATIONAL BUILDING CODE VOLUMES 1-2 AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 C.C.R.
 (2011 NATIONAL ELECTRICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 C.C.R.
 (2012 UNIFORM MECHANICAL CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24 C.C.R.
 (2012 UNIFORM PLUMBING CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 C.C.R.
 2013 CALIFORNIA FIRE CODE, PART 9, TITLE 24 C.C.R.
 (2012 INTERNATIONAL FIRE CODE AND 2013 CALIFORNIA AMENDMENTS)
 2013 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24 C.C.R.
 2013 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 C.C.R.
 TITLE 19 C.C.R., PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS.
 2007 ASME A17.1 (W/ASME A17.1A/CSSA 344A-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS

*CALIFORNIA ADMINISTRATIVE CODE, PART 1, CHAPTER 10, ADMINISTRATIVE REGULATIONS FOR THE CALIFORNIA ENERGY COMMISSION (CEC)

GENERAL NOTES

CHANGES TO THE APPROVED DRAWINGS AND SPECIFICATION SHALL BE MADE BY AN ADDENDUM OR CONSTRUCTION CHANGE DOCUMENT (CCD) BY DSA AS REQUIRED BY SECTION 4-338 PART 1, TITLE 24, CCR

A PROJECT INSPECTOR EMPLOYED BY THE DISTRICT (OWNER) AND APPROVED BY DSA SHALL PROVIDE CONTINUOUS INSPECTION OF THE WORK. DUTIES OF INSPECTOR ARE DEFINED IN SECTION 4-342, PART 1 TITLE 24, CCR

COMPLETE ACCESS IS A DIVISION OF INTEGRATED STAIR SYSTEMS INC. WITH CORPORATE OFFICES LOCATED IN 1345 RYAN RD, BUCKLEY, WA 98321, (360) 829-4220

DESIGN LOADS

LIVE LOAD: 100 PSF (4.8 kPa)
 HANDRAIL IMPACT: 200 LBS (0.9 kN)
 HANDRAIL DIST. LOAD: 50 PLF (0.7 kN/m)
 SEISMIC: S_s= 1.675g, S₁= 0.675, R= 1.25, SITE CLASS D
 LATERAL RESISTING SYST: OTHER STRUCTURES SIMILAR TO BUILDINGS
 WIND: 130 MPH, 3 SEC GUST EXPOSURE "C", K_z= 1.0
 SES IMPORTANCE FACTOR: I_s= 1.25, I_w= 1.0
 SNOW LOAD: 0 PSF (0 kPa)
 SOIL ALLOWABLE BEARING: 1,000 PSF (4.8 kPa)

MATERIALS

SQUARE STEEL TUBE ASTM A513 GR. C F_y= 33 KSI (245 MPa)
 RAMP OVER HAVY POST ASTM A500 B F_y= 46 KSI

*ALL STEEL TO BE COATED WITH GALVANIZED RUST INHIBITING COATING

WOOD FOUNDATION SHALL BE OF FOUNDATION GRADE REDWOOD OR PRESERVATIVE TREATED HEM-FIR #2 AND IS ALLOWED TO REST DIRECTLY ON SOIL OR PAVEMENT.

WELDS

WELDING SHALL BE IN ACCORDANCE WITH AWS D.1.1-10 USING E70XX ELECTRODES FOR STEEL AND AWS D1.2 AND A5.10 FOR ALUMINUM, USING ALMIGWELD ER4043

BOLTS, SCREWS AND NAILS

STEEL TO STEEL CONNECTIONS: ASTM A307 CARBON STEEL BOLTS SHALL BE GRADE 5 ZINC PLATED, HOT DIPPED GALVANIZED TO ASTM A193 OR ELECTROGALVANIZED TO ASTM B63.3. FASTENER SHALL BE LUBRICATED TO ELIMINATE GALLING. ALL STEEL MEMBERS IN CONTACT WITH ALUMINUM SHALL BE ZINC COATED TO ELIMINATE GALVANIC REACTION.

STEEL TO STEEL & WOOD CONNECTIONS: ANSIS/ASME STEEL LAG SCREWS, STEEL STANDARD WOOD SCREWS, WOOD TO WOOD CONNECTION: ASTM STANDARD COMMON STEEL NAIL.

ITW RED HEAD CONCRETE WEDGE ANCHORS SHALL BE INSTALLED PER RECOMMENDATION SHOWN IN ESR-2427

HANDRAIL NOTES:

- 1) MANEUVERING CLEARANCE ON EXTERIOR PULL SIDE OF DOOR SHALL BE 24" (610MM) MINIMUM WITH 60" (1524MM) MINIMUM LANDING IN FRONT OF DOOR.
- 2) HANDRAILS SHALL BE CONTINUOUS ALONG BOTH SIDES. HANDRAILS SHALL BE PARALLEL WITH THE SURFACE AND PROJECT 12" (301MM) ON TOP OF RISER AND 12" (301MM) PLUS 1 TREAD AT BOTTOM RISER AT RAMPS WHERE HANDRAIL ARE NOT CONTINUOUS BETWEEN RUNS THE HANDRAIL SHALL EXTEND HORIZONTALLY ABOVE THE LANDING 12" (301MM) MINIMUM BEYOND TOP AND BOTTOM RAMPS
- 3) TOP OF HANDRAILS SHALL BE MOUNTED BETWEEN 34" (864MM) AND 38" (965MM) ABOVE THE WALKING SURFACE, ONE CONSISTENT HEIGHT, BEGINNING TO END.
- 4) CLEARANCE BETWEEN RAIL AND WALL SHALL BE A MINIMUM OF 1-1/2" (38MM)
- 5) GUARDS ARE TO BE DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED @ ANY POINT AND ANY DIRECTION ALONG THE RAIL OR A UNIFORM LOAD OF 50 PLF (0.7 kN/m) APPLIED HORIZONTALLY @ GUARD HEIGHT.
- 6) BALUSTERS ARE INDEPENDENTLY DESIGNED FOR A CONCENTRATED LOAD OF 200 LBF (0.9 kN) APPLIED TO ONE SQUARE FOOT OF AREA.
- 7) HANDRAILS SHALL HAVE A CIRCULAR CROSS SECTION WITH AN OUTSIDE DIAMETER OF 1-1/4" (31.75MM) MINIMUM AND NOT GREATER THAN 2" (51MM) MAXIMUM.
- 8) GRIPPING SURFACE SHALL BE UNINTERRUPTED BY POSTS OR OTHER CONSTRUCTION ELEMENTS OR OBSTRUCTIONS.
- 9) HANDRAILS SHALL NOT ROTATE IN THEIR FITTINGS.
- 10) ENDS OF HANDRAILS SHALL RETURN SMOOTHLY TO FLOOR, WALL OR POST.

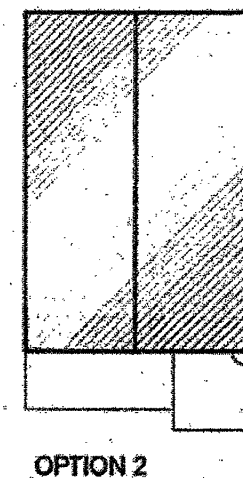
RAMP NOTES

- 1) RAMPS SHALL CONFORM TO CBC 2013 TITLE 24 PART 2, CHAPTER 11B, 11B-405
- 2) RAMP SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12 (8% SLOPE) FOR A MAXIMUM RISE OF 30" (762MM)
- 3) THE MAXIMUM VERTICAL RISE OF RAMP RUN SHALL BE 30" (762MM) MAXIMUM
- 4) RAMPS SHALL HAVE LANDING AT BOTTOM AND TOP OF EACH RAMP RUN
- 5) THE SLOPE ON LANDINGS SHALL NOT BE STEEPER THAN ONE UNIT VERTICAL IN 48 UNITS HORIZONTAL (2% SLOPE) IN ANY DIRECTION
- 6) LANDING SHALL HAVE A WIDTH AT LEAST AS WIDE AS THE WIDES RAMP RUN LEADING TO THE LANDING AND A MINIMUM LENGTH OF 60" IN THE DIRECTION OF TRAVEL
- 7) CHANGES IN DIRECTION OF TRAVEL SHALL HAVE A LANDING 60" WIDE BY 72" LONG (1524MM x 1828MM) MINIMUM, WITH THE LENGTH BEING IN THE DIRECTION OF DOWNWARD TRAVEL
- 8) MANEUVERING CLEARANCE ON LANDING ADJACENT TO DOORWAYS SHALL BE NO LESS THAN 42" WITH DOOR IN ANY POSITION AND SHALL NOT BE REDUCED BY MORE THAN 3" WHEN DOOR IS FULLY OPENED
- 9) WALKING SURFACE SHALL BE ROUGHED OR SHALL BE OF SLIP RESISTANT DIAMOND PLATE ALUMINUM.

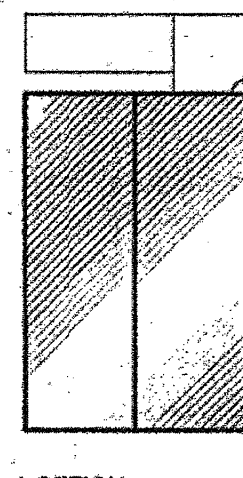
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OPTION 1

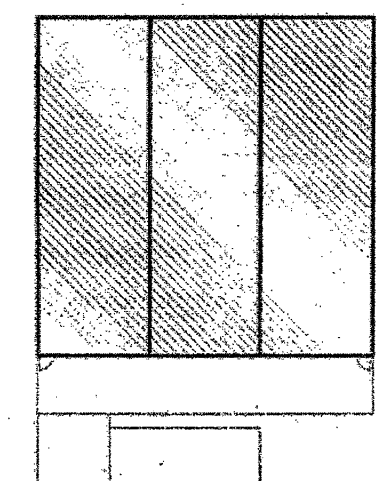


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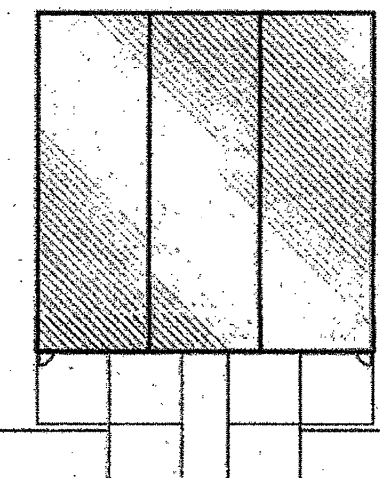


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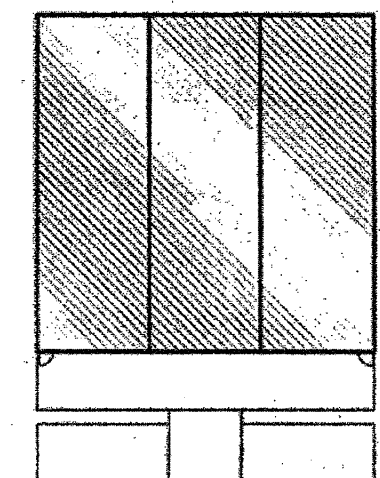
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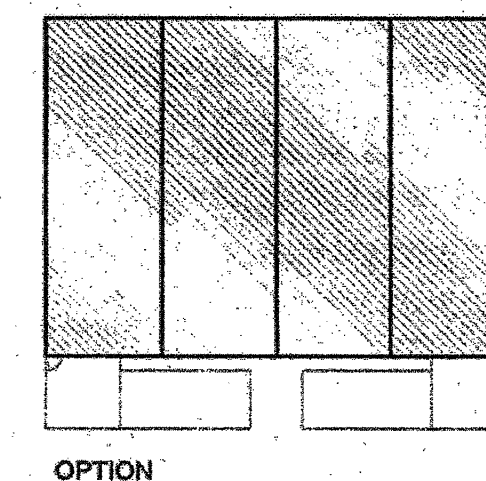


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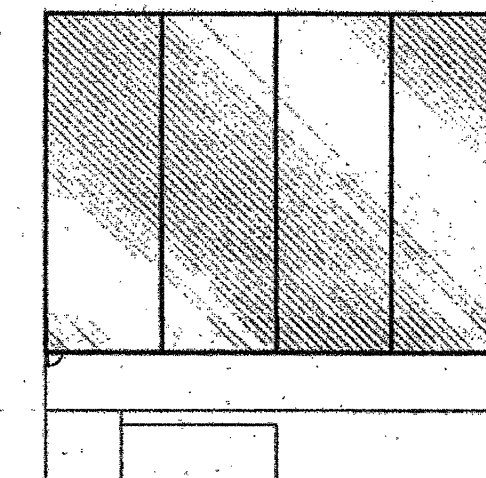


OPTION 3 (RAMP GO TO RIGHT)

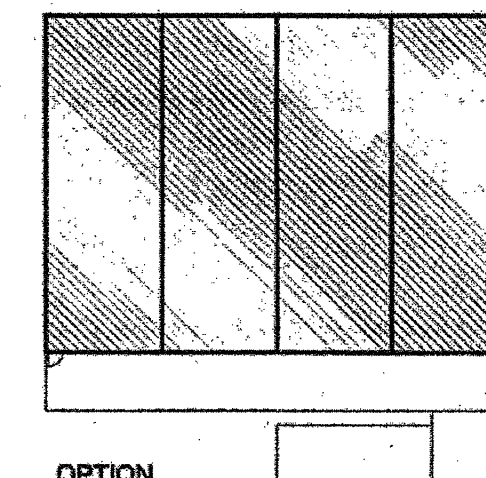
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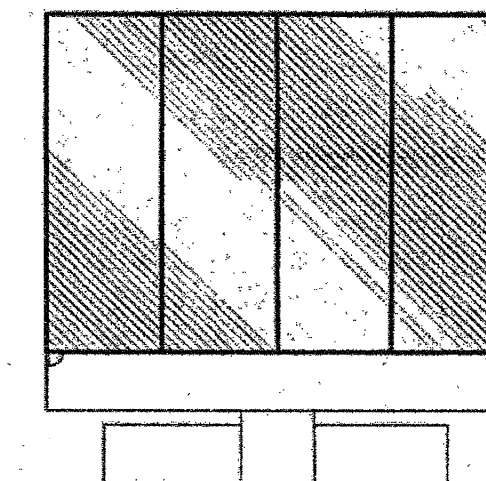
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OPTION



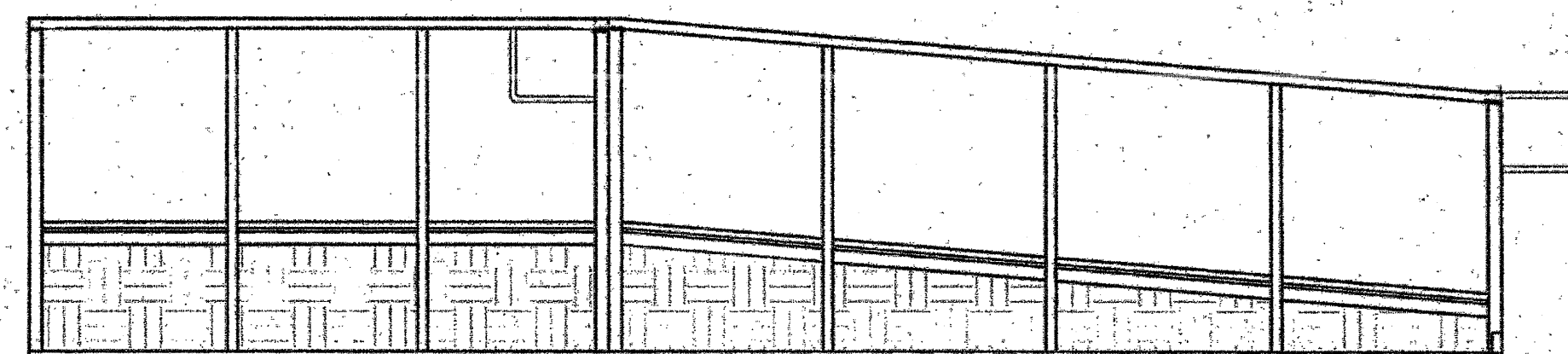
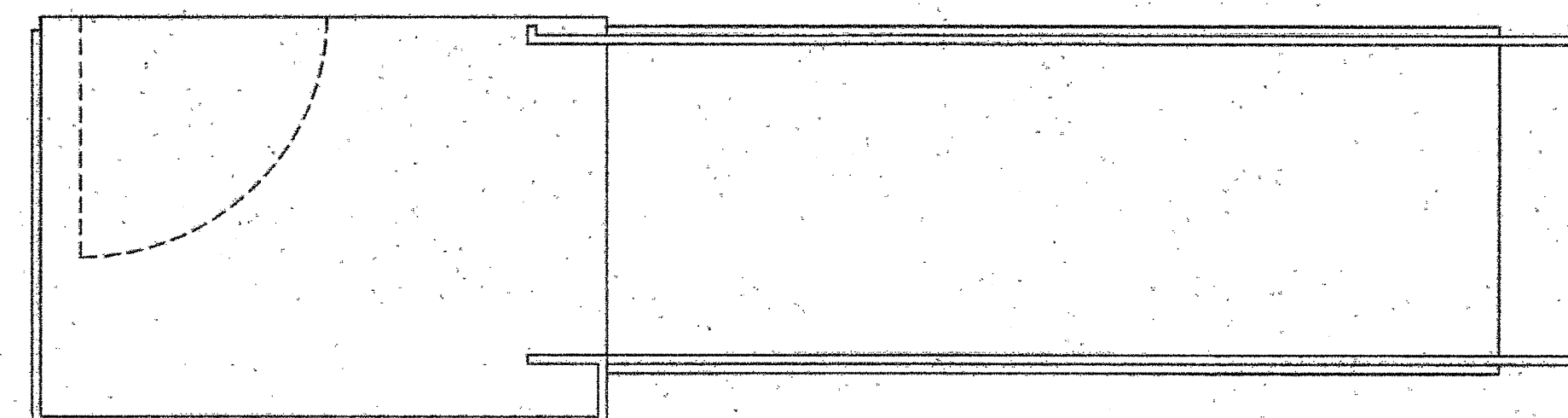
OPTION



OPTION 4 (RAMP GO TO RIGHT)

NOT FOR

2 Ramps Schedule



3 1/2" = 1'-0" Standard Ramp

1 1/2" = 1'-0" Notes

RSTAVARES ASSOCIATES
 DESIGN CONSULTING PROJECT M
 11777 BERNHARD PLAZA ST. SUITE 105
 SAN DIEGO, CA 92128 658-444-3344
 WWW.RSTAVARES.COM

PROJECT SPECIFIC TIME AGENCY

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CLASS LEASING LLC

1221 Hasley Knox Boulevard
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APPL 04-118283

DATE MAY 0 3 2016
 STATE OF CALIFORNIA
 ARCHITECT
 STATE OF CALIFORNIA
 07/27/2016

PROJECT TITLE
BAMRS PC
 DIV. OF THE STATE ARCHITECT
 04 115748
 ACS / FS / SS
 DATE MAY 25 2016

REVISED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC-04-114854
 DATE OCT 25 2016

Revision Schedule

#	Description	Date
1	Revision 1	10.24.2016

SHEET TITLE
Module Plan and Notes

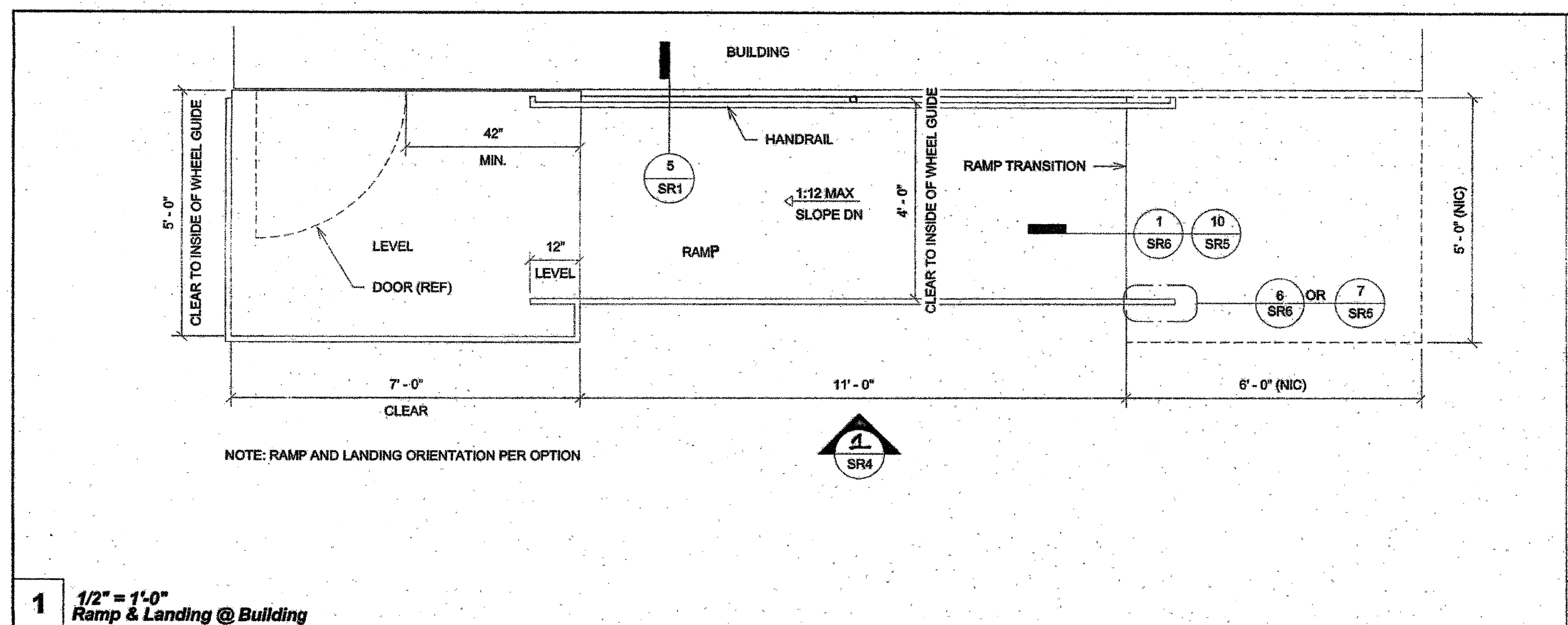
PROJECT NUMBER
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DRAWN BY
 SM

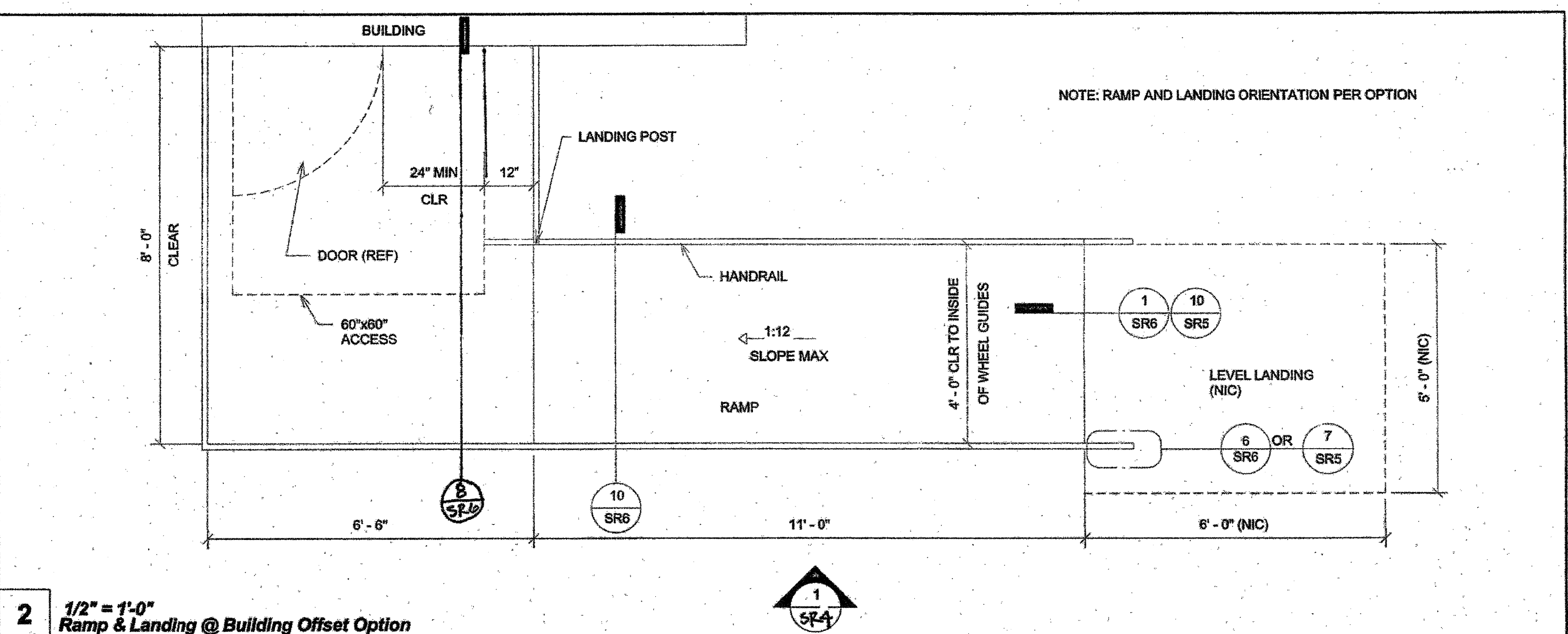
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 rMc

DATE
 07/27/2016

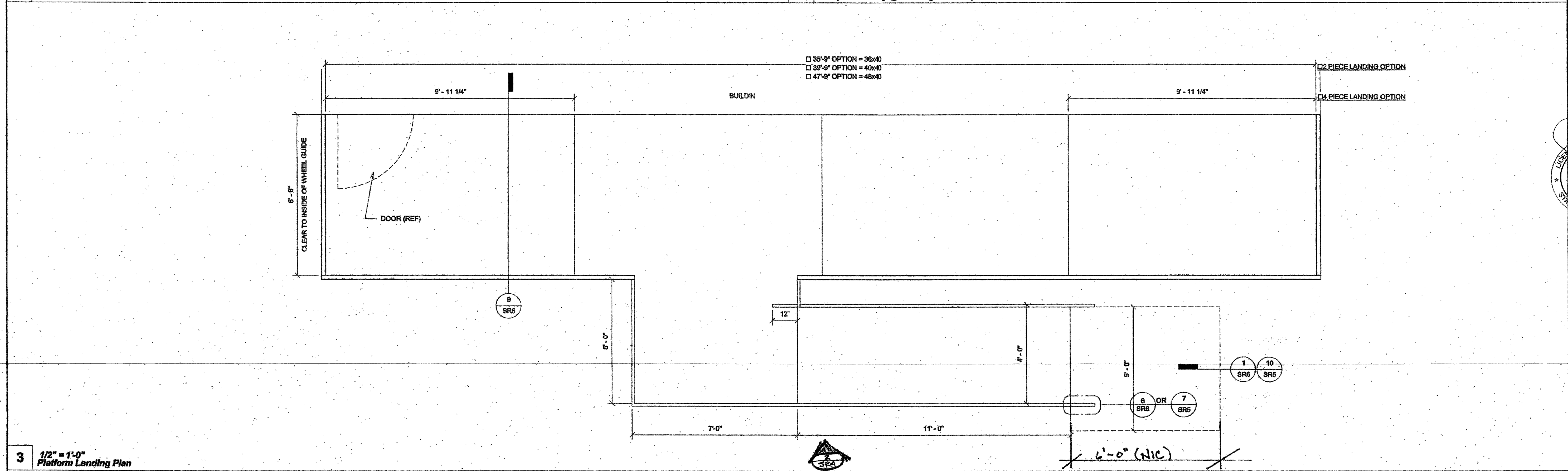
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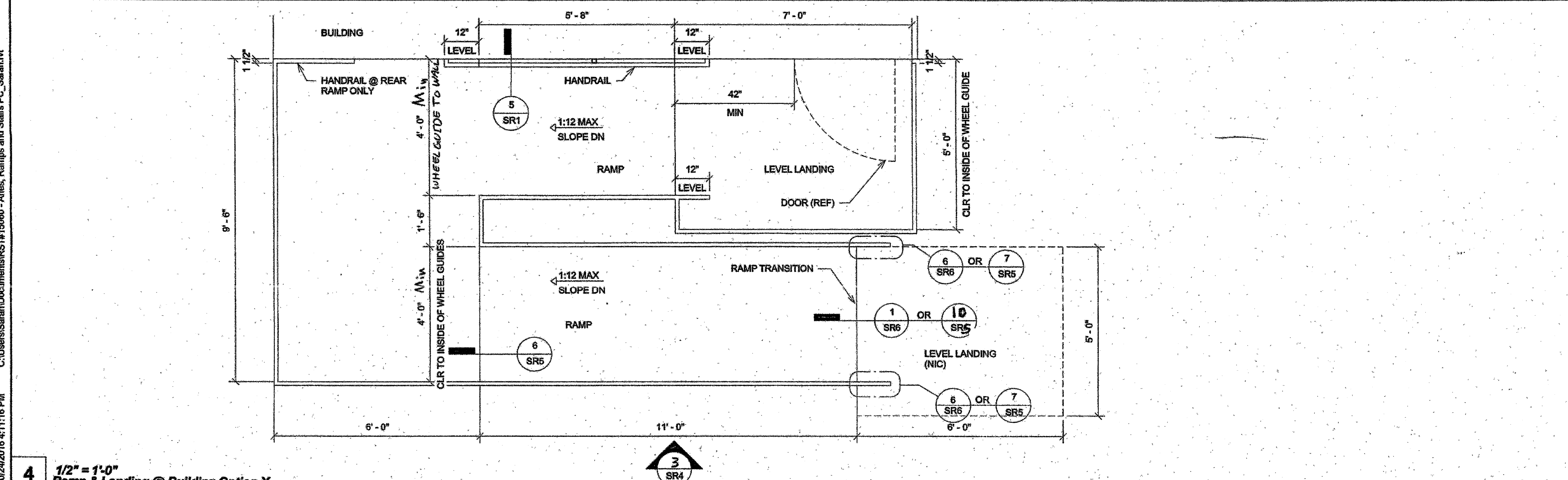
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Ramp & Landing @ Building



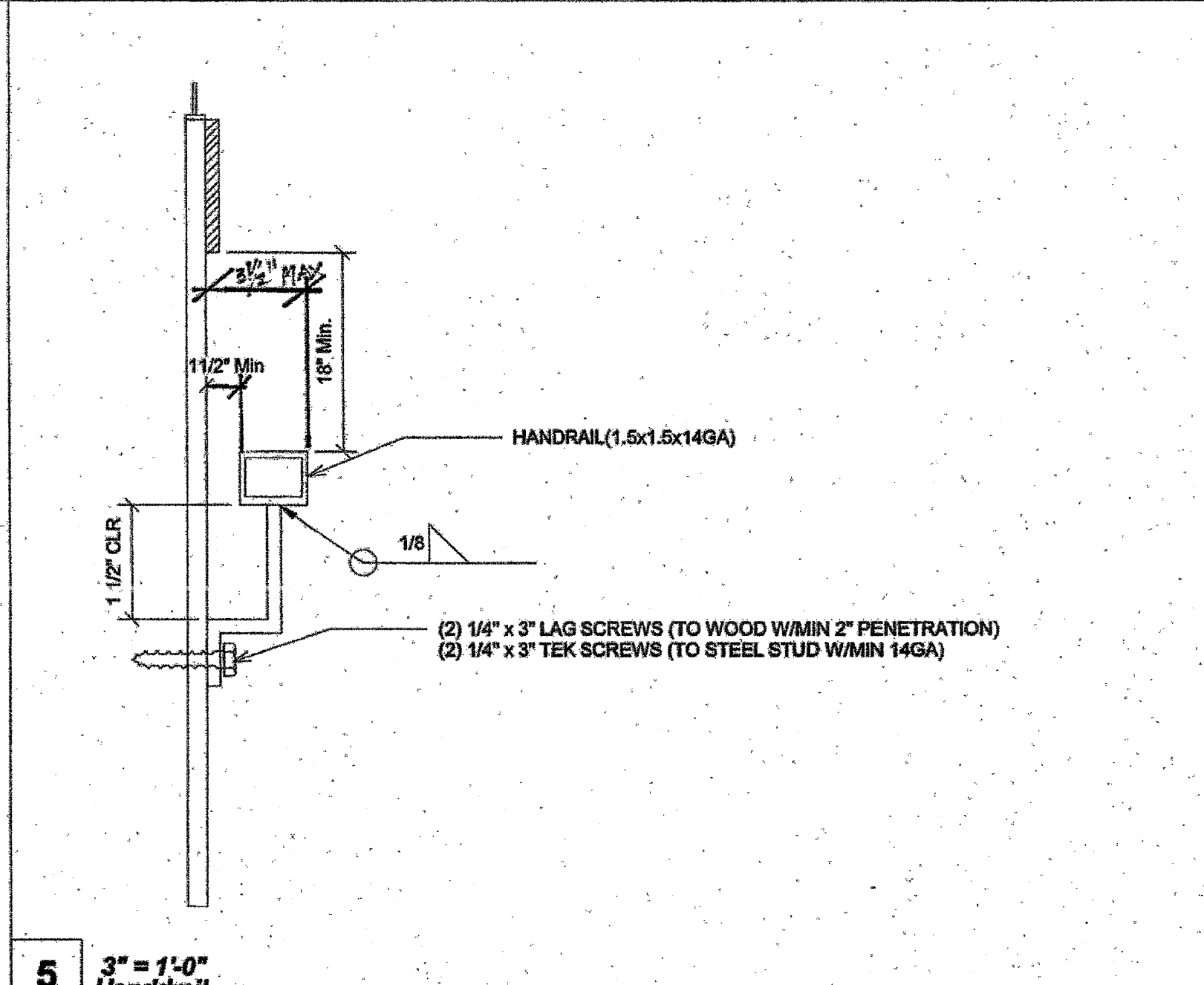
2 1/2" = 1'-0"
Ramp & Landing @ Building Offset Option



3 1/2" = 1'-0"
Platform Landing Plan



4 1/2" = 1'-0"
Ramp & Landing @ Building Option X



5 3" = 1'-0"
Handrail

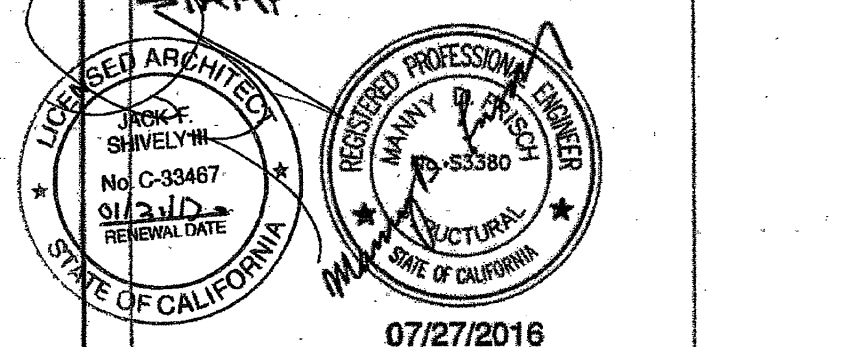
R5 TAVARES ASSOCIATES
DESIGN CONSULTING PROJECT M1
11777 BERNARD PLAZA CT. SUITE 105
SAN DIEGO, CA 92128 658.444.3344
WWW.R5TAVARES.COM

PROJECT APPROVAL STATE AGENCY

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APPL. 04-118263
DATE MAY 10 2016



PROJECT TITLE
RAMP PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 115748
ACS FLS SS
DATE JAN 26 2017
DESIGNED

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES
PC 04-114654
DATE OCT 26 2016

Revision Schedule

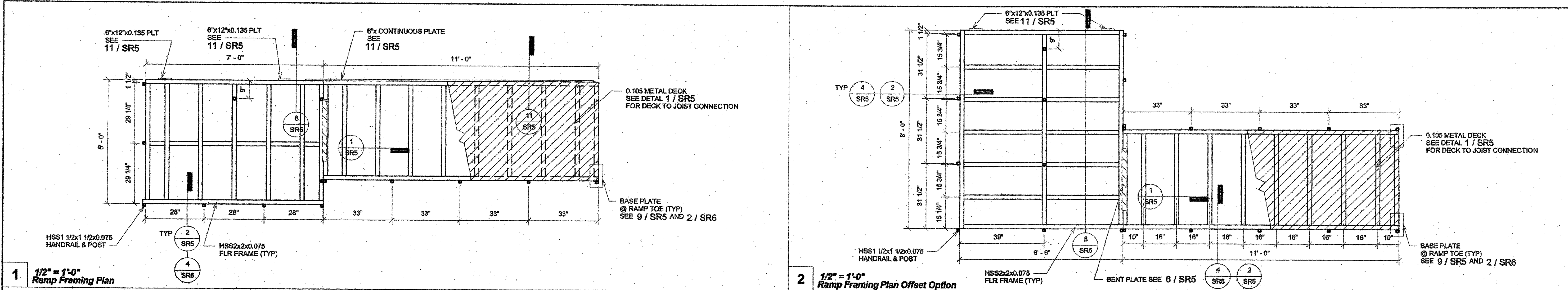
#	Description	Date
1	Revision 1	10.24.2016

SHEET TITLE
Ramp Landing

PROJECT NUMBER
15046
DRAWN BY
SM
CHECKED BY
rMc
DATE
07/27/2016
SHEET NO.

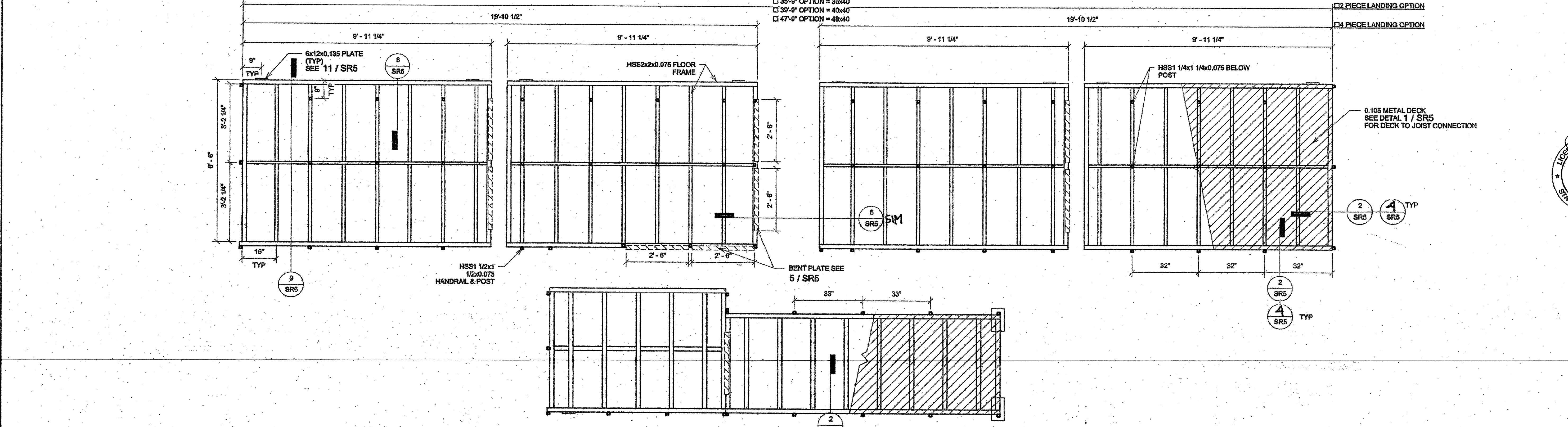
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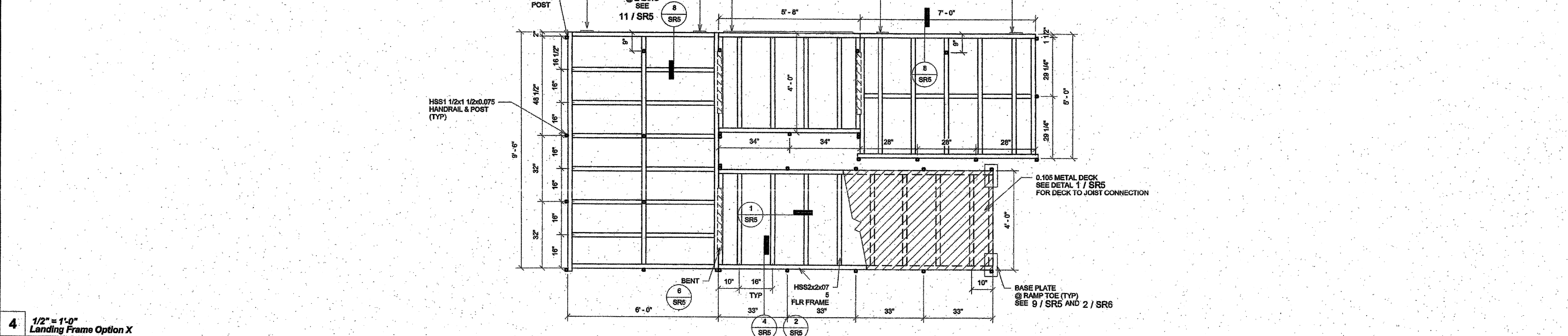


1 1/2" = 1'-0" Ramp Framing Plan

2 1/2" = 1'-0" Ramp Framing Plan Offset Option



3 1/2" = 1'-0" Platform Landing Frame



4 1/2" = 1'-0" Landing Frame Option X

R&S TAVARES ASSOCIATES
 DESIGN CONSULTING PROJECT #1
 11777 BERNARD PLAZA CT. SUITE 105
 SAN DIEGO, CA 92128 858.444.3344
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PROJECT SPECIAL STATE AGENCY

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 DIV. OF THE STATE ARCHITECT
 APPL 04-118283
 ACS FILED SS
 DATE MAY 9 2016

07/27/2016

PROJECT TITLE
RAMPS PC
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 118748
 ACS FILED SS
 DATE JAN 21 2017
REVISED

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGISTRATION SERVICES
 PC 04-114654
 DATE OCT 5 2016

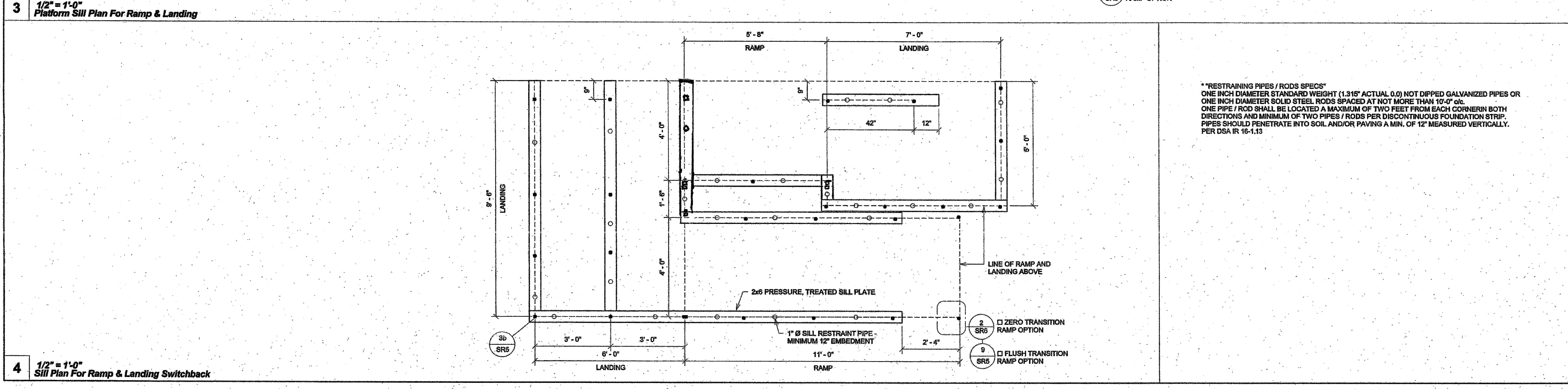
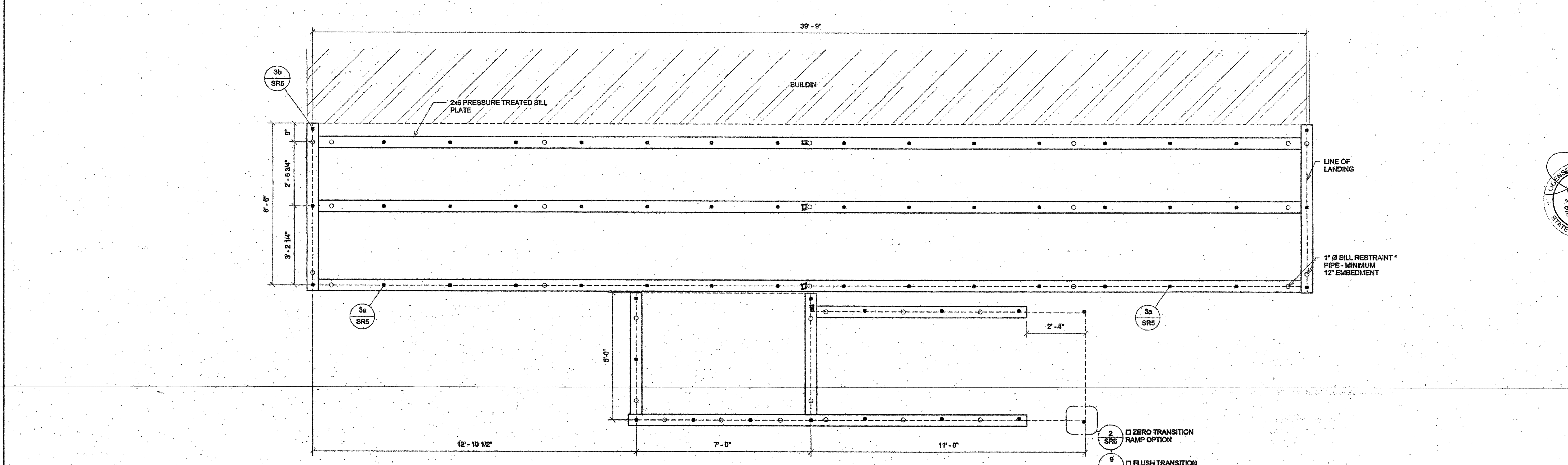
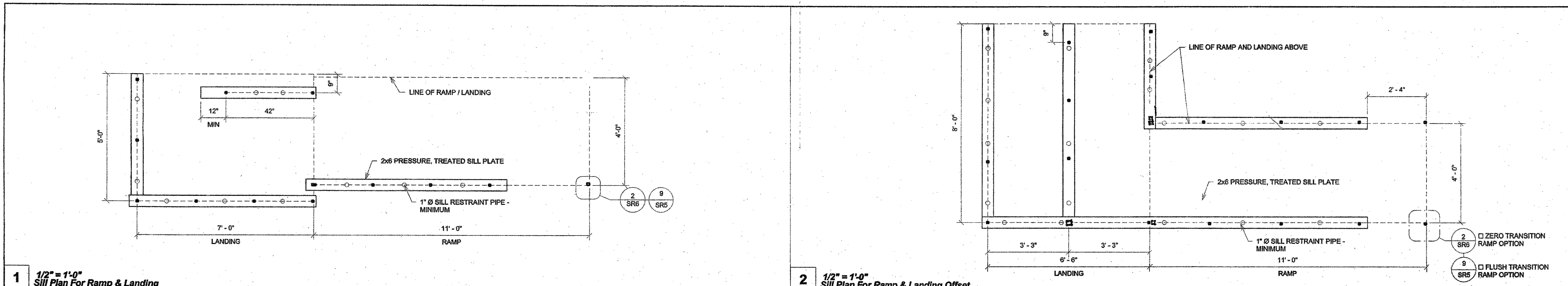
Revision Schedule		
#	Description	Date
1	Revision 1	10.24.2016

SHEET TITLE
Landing Frame

PROJECT NUMBER
 15046
 DRAWN BY
 SM
 CHECKED BY
 BR/Mc
 DATE
 07/27/2016

SHEET NO.
SR2
 SHEET OF 1

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 APPL 04-118283
 ACS FLS SS
 DATE MAY 11 2017



PROJECT TITLE
RAMPS PC
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04-115748
 ACS FLS SS
 DATE JAN 7 2017

IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114654
 DATE OCT 9 2016

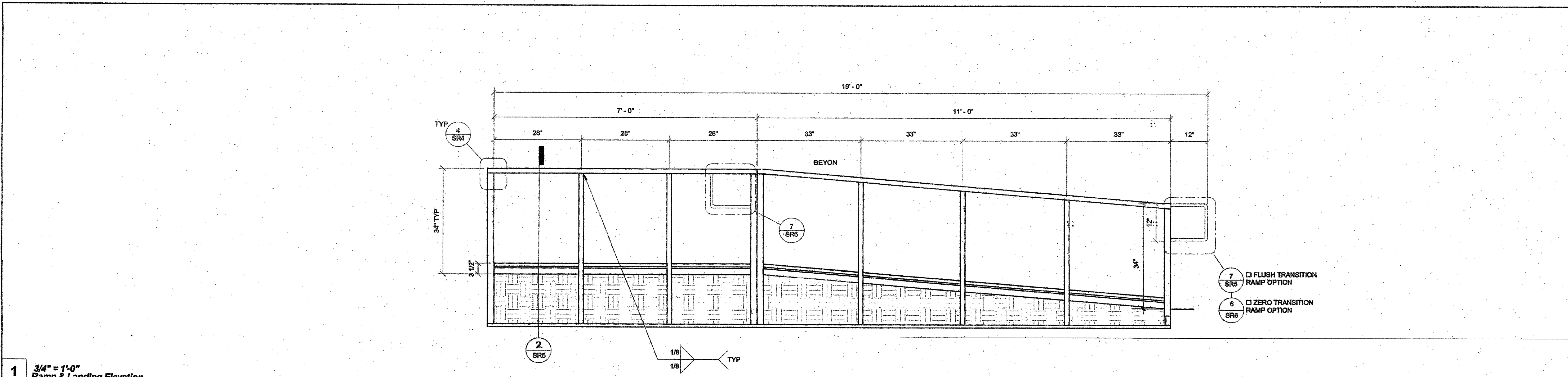
Revision Schedule

#	Description	Date
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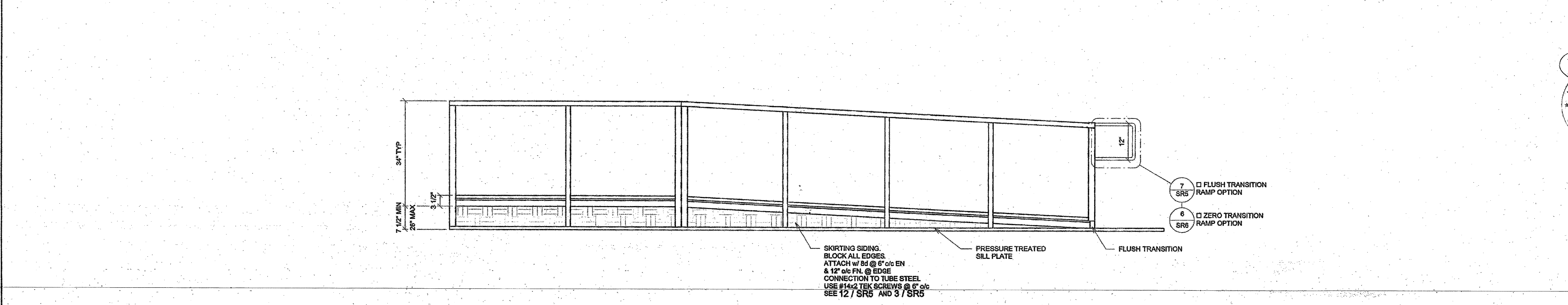
SHEET TITLE
Foundation Plan

PROJECT NUMBER
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 DRAWN BY
 SM
 CHECKED BY
 rMc
 DATE
 07/27/2016
 SHEET NO.
SR3

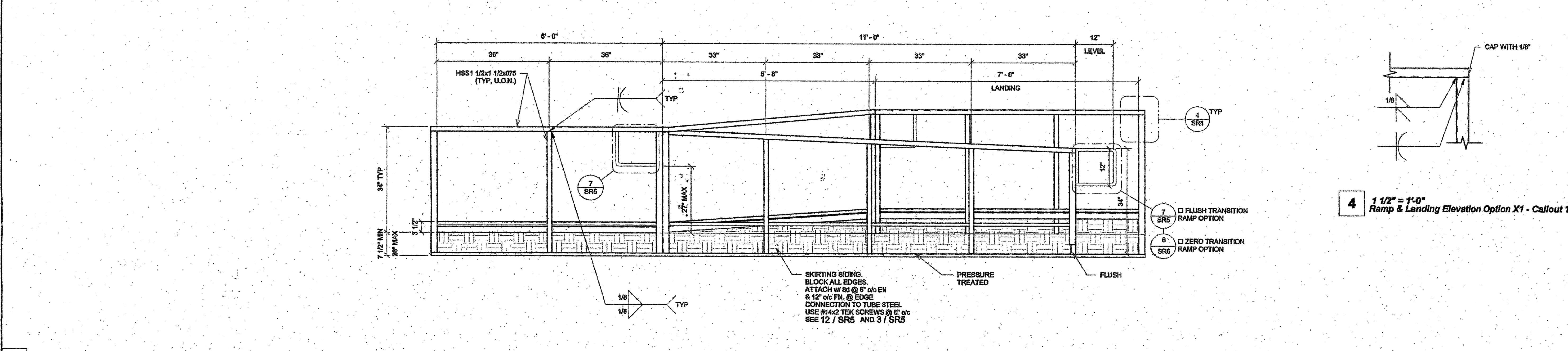
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1 3/4" = 1'-0"
Ramp & Landing Elevation



2 3/4" = 1'-0"
Ramp & Landing Elevation Option X Copy 1



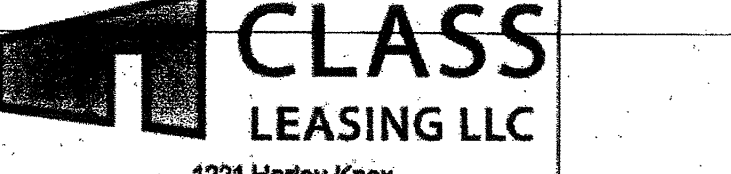
3 3/4" = 1'-0"
Ramp & Landing Elevation Option X

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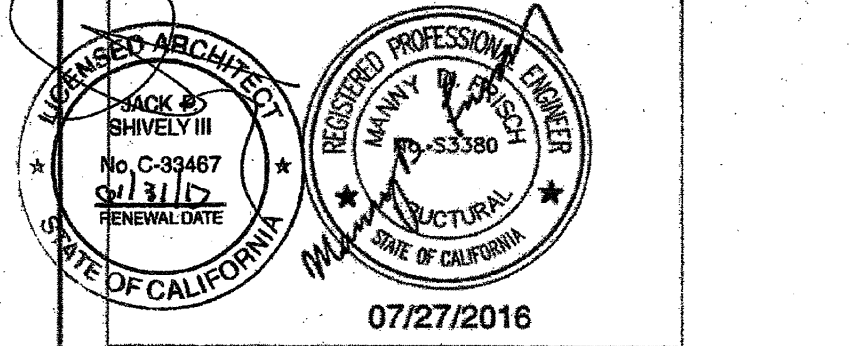


PROJECT: *REDACTED STATE HOUSING*

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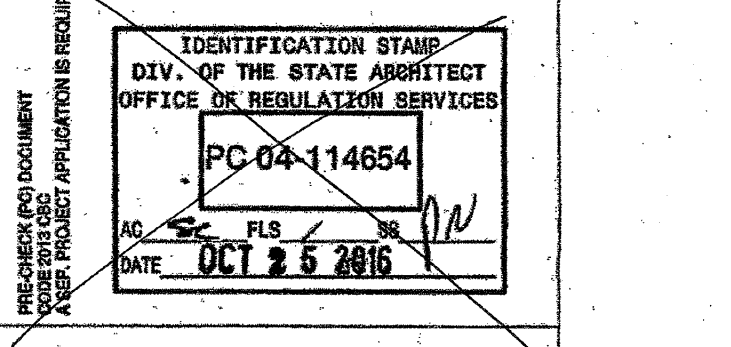


1221 Harley Knox Boulevard
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL 04-118293
DATE MAY 03 2016



07/27/2016
PROJECT TITLE
RAMP PC
IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
04 115728
DATE JAN 25 2016

REVISED



Revision Schedule

#	Description	Date
1	Revision 1	10.24.2016

SHEET TITLE
Ramp Elevation

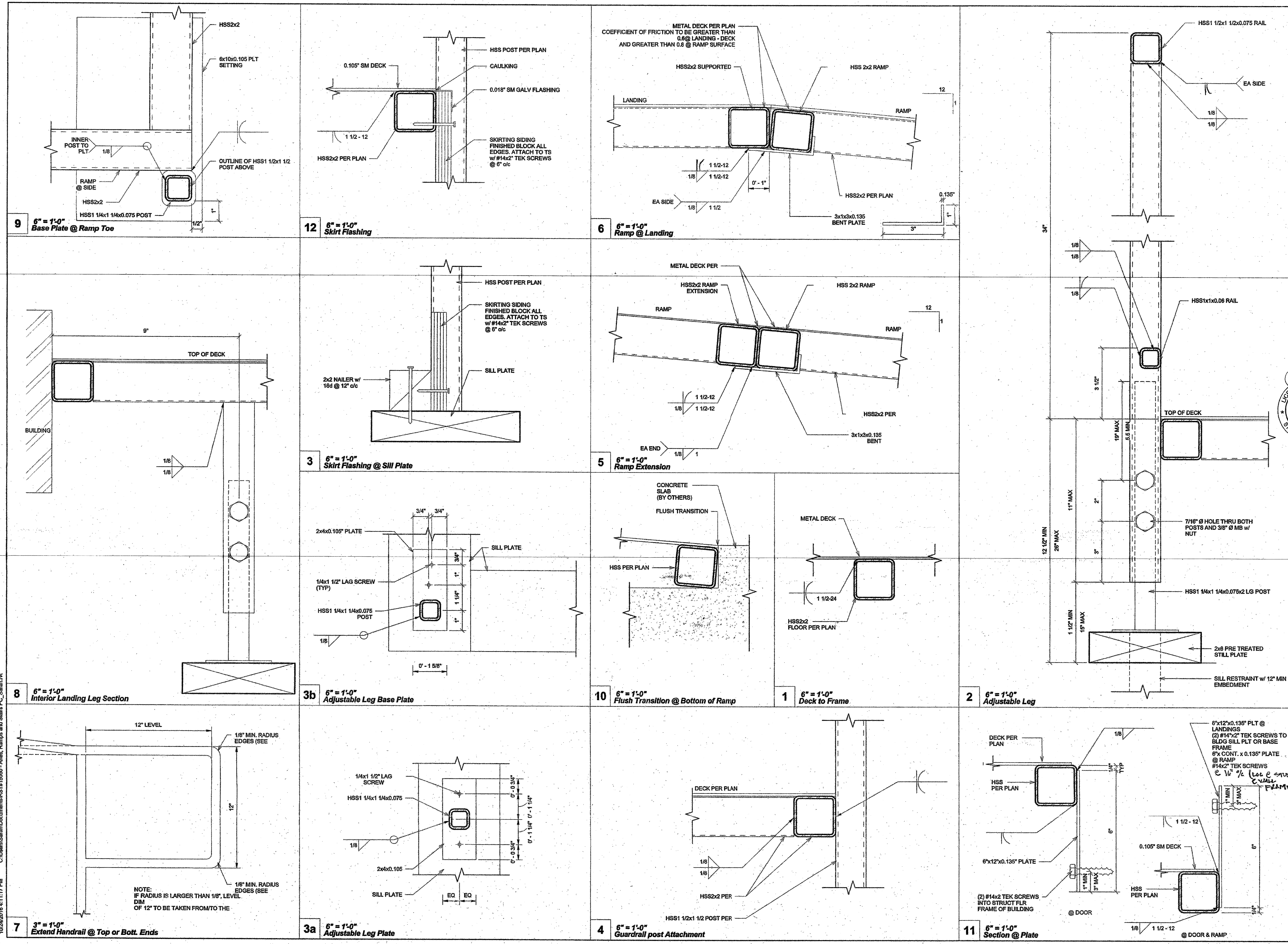
PROJECT NUMBER
15046

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07/27/2016

SHEET NO.
SR4



RSTAVARES ASSOCIATES
 DESIGN CONSULTING PROJECT M
 11777 BERNARDO PLAZA CT, SUITE 100
 SAN DIEGO, CA 92126 651.444.3344
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CLASS LEASING LLC
 1221 Harley Knox Boulevard
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 APRIL 04-118233
 ACS DATE MAY 17 2016
 DATE MAY 17 2016

PROJECT TITLE
RAMPS PC
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 04 115748
 ACS DATE JAN 26 2017
 DATE JAN 26 2017

REVISIONS
 IDENTIFICATION STAMP
 DIV. OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES
 PC 04-114654
 DATE OCT 3 2016

Revision Schedule

#	Description	Date
1	Revision 1	10.24.2016

SHEET TITLE
Ramp Details

PROJECT NUMBER
 15046

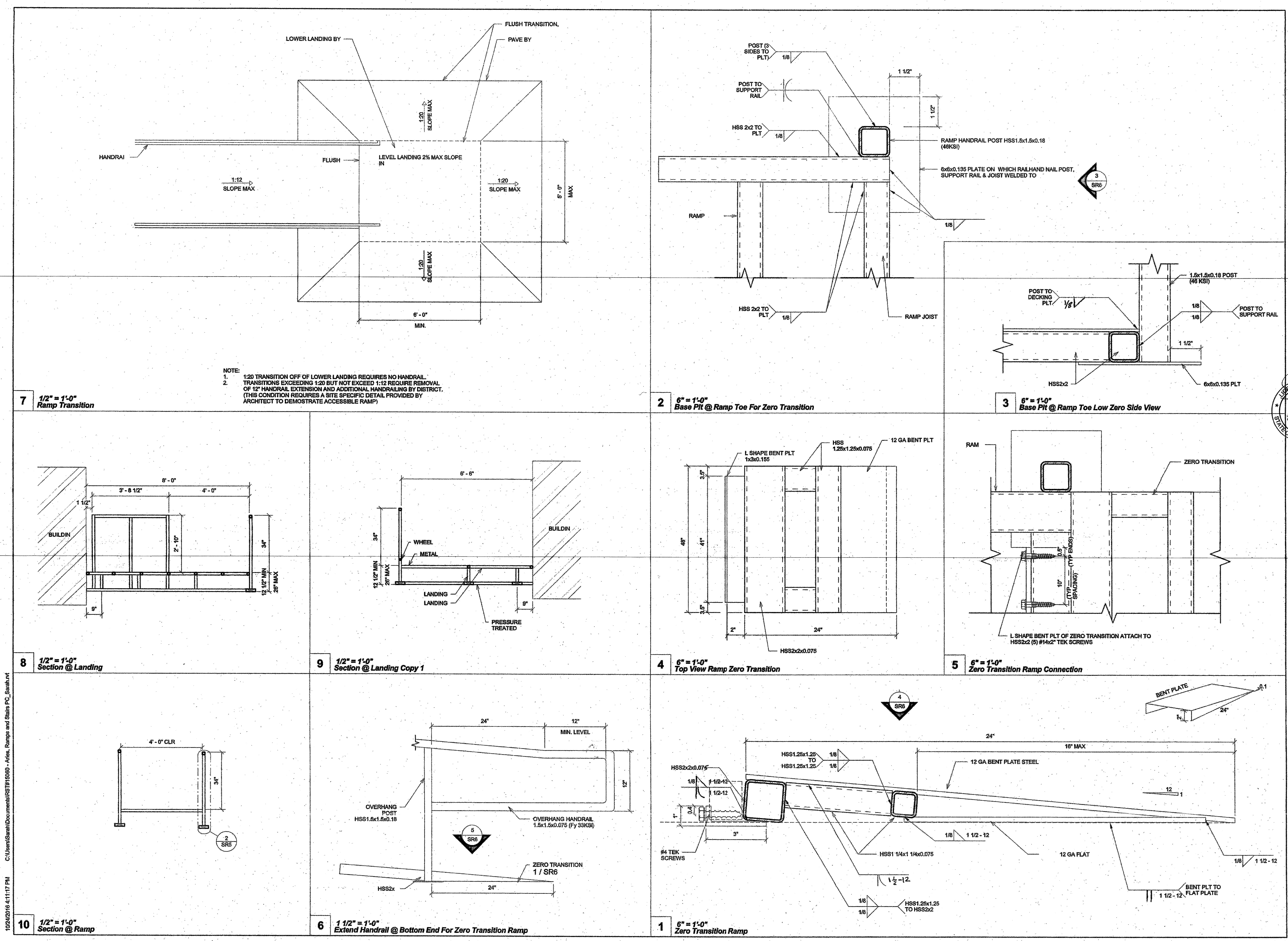
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DATE
 07/27/2016

SHEET NO.
SR5

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Revision Schedule

#	Description	Date
1	Revision 1	10.24.2016

SHEET TITLE
Ramp Details

PROJECT NUMBER
 15046

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DATE
 07/27/2016

SHEET NO.
SR6

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