



ATTACHMENT 06

Drawings

Part 4 of 5

605-14-662

5 pages

3 Aug 2015


Loma Linda, California VA Health Care System (605)

Stairwell Renovation

CONSTRUCTION

[illegible]

<div><div>#</div><div></div></div> <div>PICTURE NUMBER AND DIRECTION.</div>	<div><div><div><div><div></div><div>E</div></div><div><div></div><div>R</div></div></div><div>+9'-0"</div></div><div>WITH "E" ADJACENT IS EXISTING TO REMAIN.</div></div> <div><div><div><div><div></div><div>O</div></div><div><div></div><div>R</div></div></div><div>+9'-0"</div></div><div>EQUIPMENT WITH "R" ADJACENT IS EXSTING TO BE COMPLETELY DISCONNECTED AND REMOVED.</div></div> <div><div><div><div><div></div><div>O</div></div><div><div></div><div>RR</div></div></div><div>+9'-0"</div></div><div>EQUIPMENT WITH "RR" ADJACENT IS EXSTING TO BE DISCONNECTED, REMOVED AND RELOCATED TO NEW LOCATION AND RECONNECTED AS REQUIRED.</div></div> <div><div><div><div><div></div><div>O</div></div><div><div></div><div>ER</div></div></div><div>+9'-0"</div></div><div>RELOCATED EQUIPMENT SHOWN IN NEW LOCATION.</div></div>	<div><div><div><div><div></div><div>Q</div></div><div><div></div><div>106</div></div></div><div>+9'-0"</div></div><div>LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES FIXTURE TYPE. NUMERALS IN LOWER HALF OF HEXAGON INDICATE FIXTURE WATTAGE (INCLUDING BALLAST WHERE APPLICABLE). NUMERAL OUTSIDE TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED. NUMERAL OUTSIDE BOTTOM OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTING.</div></div> <div><div><div><div><div></div><div>JK</div></div><div><div></div><div>Sa</div></div></div><div>+9'-0"</div></div><div>SWITCH. LOWER CASE LETTER AT BOTTOM INDICATES OUTLETS CONTROLLED. CAPITAL SUPERScript INDICATES SWITCH TYPE.</div></div> <div><div><div><div><div></div><div>NO SUPERSCRIPT</div></div><div><div></div><div>- SINGLE POLE SWITCH</div></div></div><div>+9'-0"</div></div><div>EXISTING 1'x4' WALL MOUNTED FLUORESCENT LIGHT FIXTURE TO BE COMPLETELY DISCONNECTED AND REMOVED.</div></div> <div><div><div><div><div></div><div>1'x4'</div></div><div><div></div><div>FLUORESCENT</div></div></div><div>+9'-0"</div></div><div>1'x4' LIGHT FIXTURE, WALL MOUNTED FLUORESCENT</div></div> <div><div><div><div><div></div><div>1'x4'</div></div><div><div></div><div>EMERGENCY</div></div></div><div>+9'-0"</div></div><div>1'x4' LIGHT FIXTURE, HALF-SHADE INDICATES EMERGENCY WALL MOUNTED FLUORESCENT TYPE.</div></div> <div><div><div><div><div></div><div>PTZ</div></div><div><div></div><div>K</div></div></div><div>+9'-0"</div></div><div>CLOSED CIRCUIT TV (PTZ, STILL)</div></div> <div><div><div><div><div></div><div>BUG-EYE</div></div><div><div></div><div>EMERGENCY</div></div></div><div>+9'-0"</div></div><div>BUG-EYE EMERGENCY LIGHT FIXTURE</div></div> <div><div><div><div><div></div><div>EXIT</div></div><div><div></div><div>EMERGENCY</div></div></div><div>+9'-0"</div></div><div>EXIT SIGN WITH BUG-EYE EMERGENCY LIGHT FIXTURE</div></div> <div><div><div><div><div></div><div>WAP</div></div><div><div></div><div>POINT</div></div></div><div>+9'-0"</div></div><div>WIRELESS ACCESS POINT (WAP)</div></div> <div><div><div><div><div></div><div>CR</div></div><div><div></div><div>READER</div></div></div><div>+9'-0"</div></div><div>ACCESS CONTROL CARD READER. REFER TO SPECIFICATIONS.</div></div> <div><div><div><div><div></div><div>A</div></div><div><div></div><div>B</div></div></div><div>+9'-0"</div></div><div>CEILING LIGHT FIXTURE FLUORESCENT. UPPER CASE LETTER "A" INDICATES FIXTURE TYPE. SHADED SYMBOL INDICATES FIXTURE WITH EMERGENCY POWER PROVISIONS.</div></div> <div><div><div><div><div></div><div>S</div></div><div><div></div><div>CONDUIT</div></div></div><div>+9'-0"</div></div><div>SOUND SYSTEM CONDUIT RUN. 3/4 INCH MINIMUM UNLESS INDICATED OTHERWISE ON DRAWINGS. REFER TO DRAWINGS AND SPECIFICATIONS FOR REQUIRED WIRING.</div></div> <div><div><div><div><div></div><div>H</div></div><div><div></div><div>S</div></div></div><div>+9'-0"</div></div><div>SPEAKER WITH PROPER MATCHING TRANSFORMER, BACKBOX AND GRILLE. "C" INDICATES CEILING MOUNTED.</div></div>	<div><div>1.</div><div>THE SEISMIC BRACING AND ANCHORAGE OF EQUIPMENT, SHALL BE IN ACCORDANCE WITH H-18-8, "VA SEISMIC DESIGN REQUIREMENTS" AND VA DESIGN AND CONSTRUCTION PROCEDURES, "NATURAL DISASTERS NON-STRUCTURAL RESISTIVE DESIGN," AND SECTION 13081 - "SEISMIC RESTRAINT REQUIREMENTS FOR NON-STRUCTURAL COMPONENTS", AND IBC SECTION 1621 ARCHITECTURAL, MECHANICAL, AND ELECTRICAL COMPONENT SEISMIC DESIGN REQUIREMENTS (EXCEPT AS MODIFIED BY VA).</div></div> <div><div>2.</div><div>ALL PREFABRICATED EQUIPMENT SHALL BE DESIGNED AND CONSTRUCTED IN SUCH A MANNER THAT ALL PORTIONS, ELEMENTS, SUB-ASSEMBLIES AND/OR PARTS OF SAID EQUIPMENT, AND THE EQUIPMENT AS A WHOLE INCLUDING ITS ATTACHMENTS, WILL RESIST A LOAD WHICH EXCEEDS THE FORCE LEVEL USED TO RESTRAIN AND ANCHOR THE EQUIPMENT TO THE SUPPORTING STRUCTURE.</div></div> <div><div>3.</div><div>ALL SEISMIC BRACING ASSEMBLIES SHALL BE ENGINEERED AND SHALL UTILIZE ENGINEERED AND TESTED SEISMIC BRACKETS.</div></div> <div><div>4.</div><div>EVERY RUN WHICH REQUIRES BRACING SHALL HAVE A MINIMUM OF TWO TRANSVERSE BRACES AND ONE LONGITUDINAL BRACE.</div></div> <div><div>5.</div><div>FOR THE PURPOSE OF THESE GUIDELINES A "RUN" IS DEFINED AS SUSPENDED PIPE, CONDUIT, DUCTWORK OR TRAPEZE RACK HAVING A MINIMUM 5 FOOT (1.52 M) STRAIGHT RUN LENGTH.</div></div> <div><div>6.</div><div>SEQUENTIAL OFFSETS RESULTING IN A NET OFFSET DISTANCE EQUALING MORE THAN 5 FEET (1.52 M) WILL REQUIRE 1 TRANSVERSE BRACE AT OR NEAR THE MID-POINT OF THE NET OFFSET DISTANCE.</div></div> <div><div>7.</div><div>WHEN USED TO CONSTRUCT A RIGID BRACE ARM ASSEMBLY, MINIMUM 12 GAUGE STEEL CHANNEL MAY BE SOLID, PUNCHED OR SHORT SLOT.</div></div> <div><div>8.</div><div>WHERE BRACE ELEMENTS ARE THROUGH-BOLTED, THE MOUNTING HOLE IN THE ELEMENT IS TO BE NO MORE THAN 1/16" (1.6MM) IN DIAMETER LARGER THEN THE BOLT OR THREADED ROD.</div></div> <div><div>9.</div><div>BRACING MAY BE OMITTED FROM PIPING, DUCTWORK AND CONDUIT RUNS LESS THAN 5 FEET (1.52 M) IN LENGTH UNDER THE FOLLOWING CONDITIONS:<div><div>A.</div><div>THE PIPING, DUCTS OR CONDUIT SHALL BE INSTALLED SUCH THAT LATERAL MOTION OF THE PIPING OR DUCT WILL NOT CAUSE DAMAGING IMPACT WITH OTHER SYSTEMS OR STRUCTURAL MEMBERS OR LOSS OF VERTICAL SUPPORT.</div></div><div><div>B.</div><div>ROD-HUNG SUPPORTS OF LESS THAN 12 INCHES (305 MM) IN LENGTH WHERE THE HANGERS ARE DETAILED TO AVOID BENDING OF THE HANGERS AND THEIR CONNECTIONS.</div></div></div></div> <div><div>10.</div><div>A LONGITUDINAL BRACE AT A 90 DEGREE CHANGE IN DIRECTION MAY ACT AS A TRANSVERSE BRACE IF IT IS LOCATED WITHIN 2 FEET (610 MM) OF THE CHANGE IN DIRECTION OR IF WITHIN 2 TIMES THE DUCT WIDTH IF BRACING HVAC DUCT.</div></div> <div><div>11.</div><div>A TRANSVERSE BRACE MAY ACT AS A LONGITUDINAL BRACE IF IT IS LOCATED WITHIN 2 FEET (610 MM) OF A CHANGE IN DIRECTION AND IF THE BRACE ARM AND ANCHORAGE HAVE BEEN SIZED TO MEET OR EXCEED THE REQUIREMENTS OF THE LONGITUDINAL BRACE.</div></div> <div><div>12.</div><div>WHEN BRACING EQUIPMENT OR A UTILITY SYSTEM THAT IS SUSPENDED FROM AN OVERHEAD DECK, BRACE BACK TO THE OVERHEAD DECK OR TO THE SUPPORTING STRUCTURE SUPPORTING THE DECK. DO NOT BRACE TO ANOTHER ELEMENT OF THE STRUCTURE WHICH MAY RESPOND DIFFERENTLY DURING A SEISMIC EVENT.</div></div> <div><div>13.</div><div>OBTAIN APPROVAL FROM THE ENGINEER OF RECORD PRIOR TO ATTACHING ANY BRACE ELEMENTS TO STRUCTURAL STEEL OR WOOD FRAMING.</div></div> <div><div>14.</div><div>WHEN UTILIZING CABLE BRACING, TENSION THE CABLE TO REMOVE SLACK WITHOUT INDUCING UPLIFT OF THE SUSPENDED ELEMENT.</div></div> <div><div>15.</div><div>AS A GENERAL RULE, DO NOT MIX RIGID BRACING AND CABLE BRACING IN THE SAME RUN. HOWEVER, ONCE BRACING HAS TRANSITIONED A 90 DEGREE CHANGE IN RUN DIRECTION, THE BRACING MAY SWITCH FROM RIGID TO CABLE OR VICE VERSA IF REQUIRED DUE TO A SIGNIFICANT CHANGE IN OVERHEAD DECK ELEVATION OR TO PROVIDE AN IMPLEMENTABLE BRACING SCHEME IN A CONGESTED AREA.</div></div>	<div><div>16.</div><div>BRACING MAY BE INSTALLED AT AN ANGLE OF +/- 45 DEGREES FROM HORIZONTAL, U.N.O.</div></div> <div><div>17.</div><div>BRACING MAY BE INSTALLED WITH UP TO +/- 2 1/2 DEGREES (.0425 RAD) VARIATION FROM "TRUE" TRANSVERSE OR "TRUE" LONGITUDINAL ALIGNMENT WITHOUT THE NEED FOR ADDITIONAL ENGINEERING.</div></div> <div><div>18.</div><div>INCLINED BRACE ANGLES IN EXCESS OF 45 DEGREES (.765 RAD) ARE ACCEPTABLE UP TO A MAXIMUM OF 60 DEGREES PROVIDED THAT THE BRACE SPACING IS REDUCED BY 50%.</div></div> <div><div>19.</div><div>MINIMUM ROD DIAMETER SIZES FOR SEISMIC BRACE LOCATIONS UTILIZING RIGID BRACE ARMS, WERE CALCULATED BASED ON DEAD LOAD PLUS THE VERTICAL COMPONENT OF THE SEISMIC REACTION. FOR SEISMIC BRACE LOCATIONS UTILIZING CABLE BRACE ARMS THE VERTICAL COMPONENT OF THE SEISMIC REACTION IMPARTING PRYING ACTION TO THE VERTICAL SUPPORT ROD EQUALS "ZERO." MINIMUM ROD DIAMETER STRENGTH FOR CABLE BRACING SHALL BE BASED ON MAXIMUM ROD SHEAR DESIGN VALUE.</div></div> <div><div>20.</div><div>HANGER ROD DIAMETER FOR LOCATIONS NOT REQUIRING SEISMIC BRACING TO BE SIZED PER THE PROJECT DOCUMENTS AND/OR THE 2003 INTERNATIONAL BUILDING CODE, WHICH EVER IS MORE STRINGENT. FOR LOCATIONS UTILIZING RIGID SEISMIC BRACING OR CABLE SEISMIC BRACINGS, COMPARE ENGINEERED MINIMUM ROD DAMETERS TO LOCAL BUILDING CODE REQUIREMENTS. THE GREATER OF THE 2 ROD DIAMETER REQUIREMENTS PREVAILS.</div></div> <div><div>21.</div><div>FOR HVAC DUCT, SEE NOTE 20 ABOVE FOR VERTICAL ROD REQUIREMENTS AT SEISMIC BRACE LOCATIONS. AT NON-SEISMIC LOCATIONS, VERTICAL SUPPORTS ARE TO COMPLY WITH THE INTERNATIONAL MECHANICAL CODE OR THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.</div></div> <div><div>22.</div><div>ALL UNBRACED SUSPENDED DUCTWORK AND OTHER UNBRACED SUSPENDED UTILITY SYSTEMS ARE TO BE INSTALLED WITH A MINIMUM 6" (152 MM) CLEARANCE TO SUSPENDED CEILING VERTICAL HANGER WIRES OR SPLAY WIRES.</div></div> <div><div>23.</div><div>TO ACHIEVE RATED STRENGTH VALUES AND RELATED HOLDING POWER, IT IS IMPERATIVE THAT BOLTS USED IN CONJUNCTION WITH STRUT NUTS BE TORQUED TO THE VALUES RECOMMENDED BY THE MANUFACTURER OR TO THE FOLLOWING VALUES, WHICHEVER<div><div>IS HIGHER:</div><div>3/8" (9.5 MM) DIAMETER BOLT 19 FT-LBS (25.7J)<div><div>1/2" (13 MM) DIAMETER BOLT 50 FT-LBS (67.8J)<div><div>5/8" (16 MM) DIAMETER BOLT 100 FT-LBS (135.5 J)</div></div></div></div></div></div></div><div><div>24.</div><div>TORQUE VALUES NOT APPLICABLE TO ROD STIFFENERS. ROD STIFFENERS TO BE TIGHTENED UNTIL SNUG.</div></div><div><div>25.</div><div>WHERE WEDGE ANCHORS ARE USED FOR SECUREMENT OF SEISMIC BRACING TO OVERHEAD CONCRETE DECKS, THE DESIGN STRENGTH OF ENGINEERED ANCHOR CONNECTIONS IS EXPRESSED AS COMBINED TENSION AND SHEAR PER THE RELEVANT ICC-ES REPORT FOR THE SPECIFIC WEDGE ANCHOR MANUFACTURER. SEISMIC BRACE INSTALLATION DETAILS AND RELATED ANCHORAGES DO NOT INCORPORATE THERMAL PIPE STRESS ANALYSIS. CONSULT THE PROJECT MECHANICAL ENGINEER OR THE ENGINEER OF RECORD FOR ANY REQUIRED "PIPE ANCHOR" DETAILS. ENGINEERED "PIPE ANCHOR" SYSTEMS SHALL INCLUDE SUFFICIENT STRENGTH TO ACCOMMODATE SPECIFIED SEISMIC LATERAL FORCES. SEISMIC BRACING MAY NOT PASS THROUGH A SEISMIC SEPARATION JOINT. UTILITY SYSTEMS THAT PASS THROUGH A SEISMIC SEPARATION JOINT MUST BE SEISMICALLY RESTRAINED WITHIN 5 FEET (1.52 M) OF BOTH SIDES OF THE SEPARATION OR WITHIN 5 FEET (1.52 M) OF POINT OF CONNECTION OF ANY HARDWARE DESIGNED TO ACCOMMODATE SEISMIC MOVEMENT ACROSS THE SPAN OF THE SEPARATION JOINT.</div></div><div><div>26.</div><div>WITH THE APPROVAL OF THE ENGINEER OF RECORD, UTILITY SYSTEMS WITHIN A BASEMENT THAT ARE SUSPENDED FROM THE OVERHEAD DECK MAY BE BRACED TO LOAD BEARING BASEMENT WALLS PROVIDED THAT THE WALLS AND THE OVERHEAD DECK WILL RESPOND SIMILARLY DURING A SEISMIC EVENT. PRIMARY TRAPEZE ELEMENTS SUSPENDED FROM THREADED ROD MAY BE CONSTRUCTED OF MINIMUM 12 GAGE SINGLE CHANNEL, MINIMUM 12 GAGE BACK-TO-BACK DOUBLE CHANNEL TUBE STEEL OR ANGLE IRON.</div></div></div>	<div><div>AF</div><div>AMPERE FRAME RATING OF CIRCUIT BREAKERS, OR, AMP, FUSE</div></div> <div><div>AFF</div><div>ABOVE FINISHED FLOOR</div></div> <div><div>AFU</div><div>AMPERE FUSE RATING</div></div> <div><div>AIC</div><div>AMPS INTERRUPTING CAPACITY RATING (RMS SYMMETRICAL)</div></div> <div><div>AS</div><div>AMPERE SWITCH RATING</div></div> <div><div>AT</div><div>AMPERE TRIP RATING OF BREAKER</div></div> <div><div>AWG</div><div>AMERICAN WIRE GAUGE</div></div> <div><div>CAB</div><div>CABINET</div></</div>
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LUMINAIRE SCHEDULE					
TYPE	DESCRIPTION	VOLTS	LAMP(S)	REMARKS	MANUFACTURER & NO.*
	WALL MOUNTED STAIRWELL LED FIXTURE WITH INTEGRAL CONCEALED WIRELESS CONTROL FOR OCCUPIED (HIGH END) AND UNOCCUPIED (LOW END) LEVELS	277V OR UNV.	29W LED CRI=82 MIN. 4000K	WALL MOUNTED FIXTURE WITH 90MIN. EMERGENCY DRIVER BATTERY PACK	LUTRON FX-SW-XX-12-SL-L-C3-U-82-SM-E7-WH OR APPROVED EQUAL

NOTE: * – THE PRODUCTS INDICATED ARE FOR BASIS OF DESIGN. THE CONTRACTOR MAY SUBMIT EQUAL PRODUCTS FOR APPROVAL.

ARCHITECTURE • ENGINEERING
CONSTRUCTION MANAGEMENT

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VINE, CALIFORNIA 92708 FAX: (949) 450-4011

TTAG
TMAAD TAYLOR & GAINES
16935 West Bernardo Drive, Suite 100
San Diego, CA 92127
Phone: 858.271.9808 Fax: 858.271.9832
www.ttagcorp.com Project No. 0214.765.00

NO.	DATE	DESCRIPTION

PROJECT TITLE: DESIGN RENOVATION OF THREE STAIRWELLS

SHEET TITLE: SYMBOL, FIXT. SCHED., ABBREV. AND NOTES

**JERRY L. PETTIS MEMORIAL
VETERANS MEMORIAL CENTER**

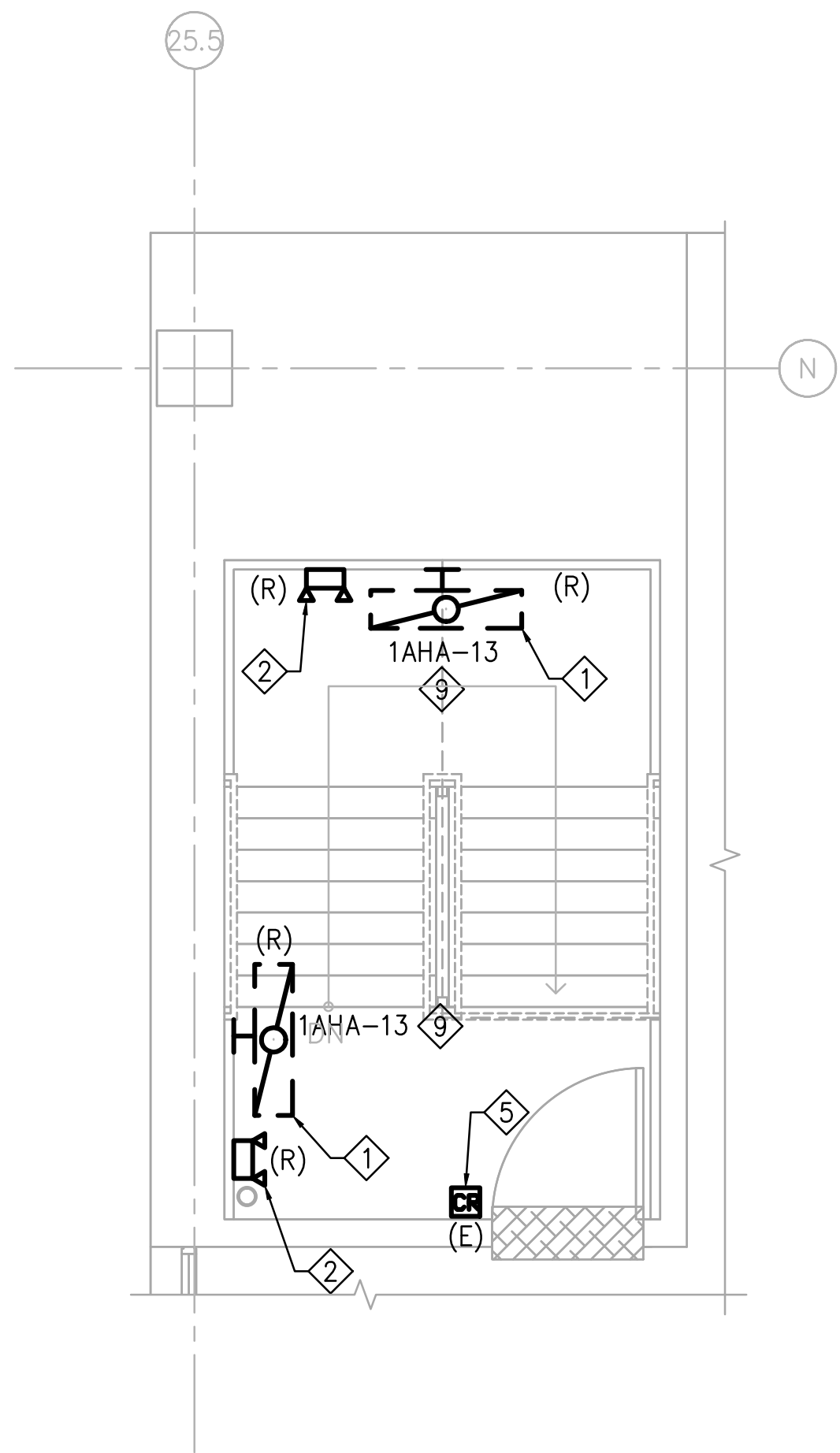
**11201 BENTON STREET
LOMA LINDA, CALIFORNIA 92357**

DRAWN ML	CHIEF ENGINEERING	SCALE AS SHOWN
CHECKED ML/ML	DATE 07-21-2015	DRAWING NO. E002
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 18 OF 25
CHIEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE		CHIEF OF STAFF
ASST. HOSP. DIRECTOR		HOSPITAL DIRECTOR

KEY PLAN

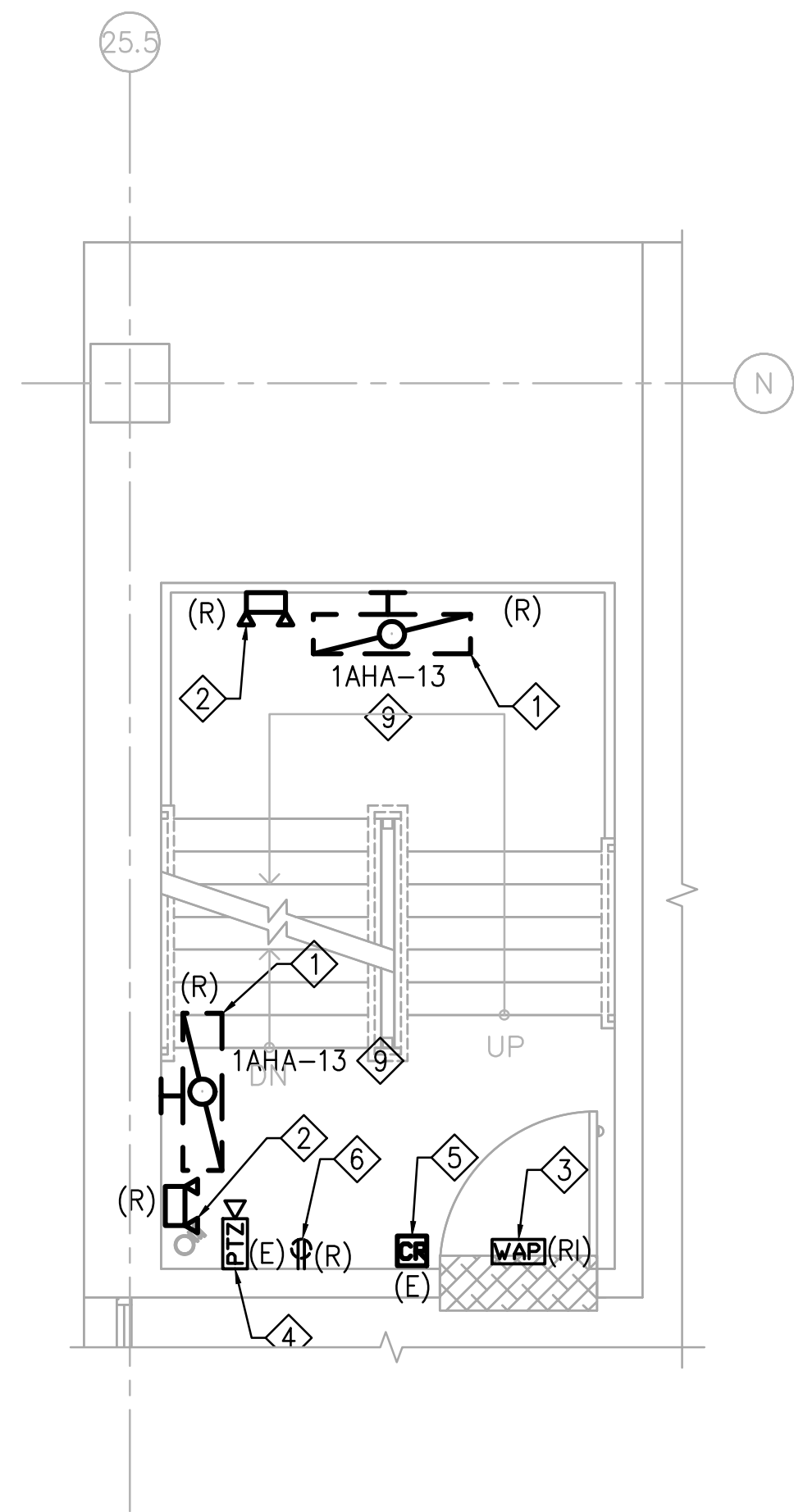
FINAL SUBMITTAL

FINAL SUBMITTAL



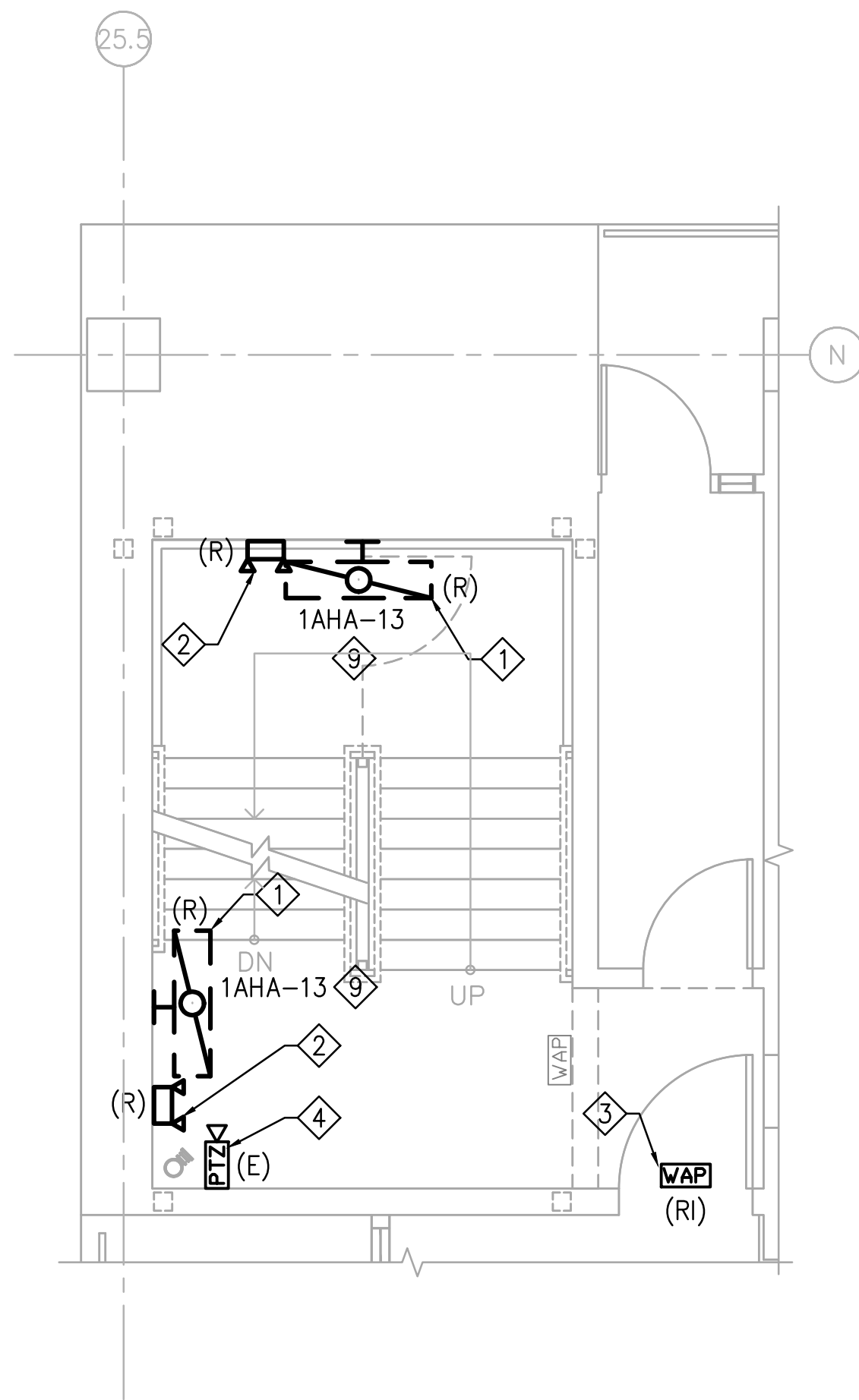
**4th FLOOR PLATFORM LEVEL
DEMOLITION PLAN
STAIR NO.1**

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



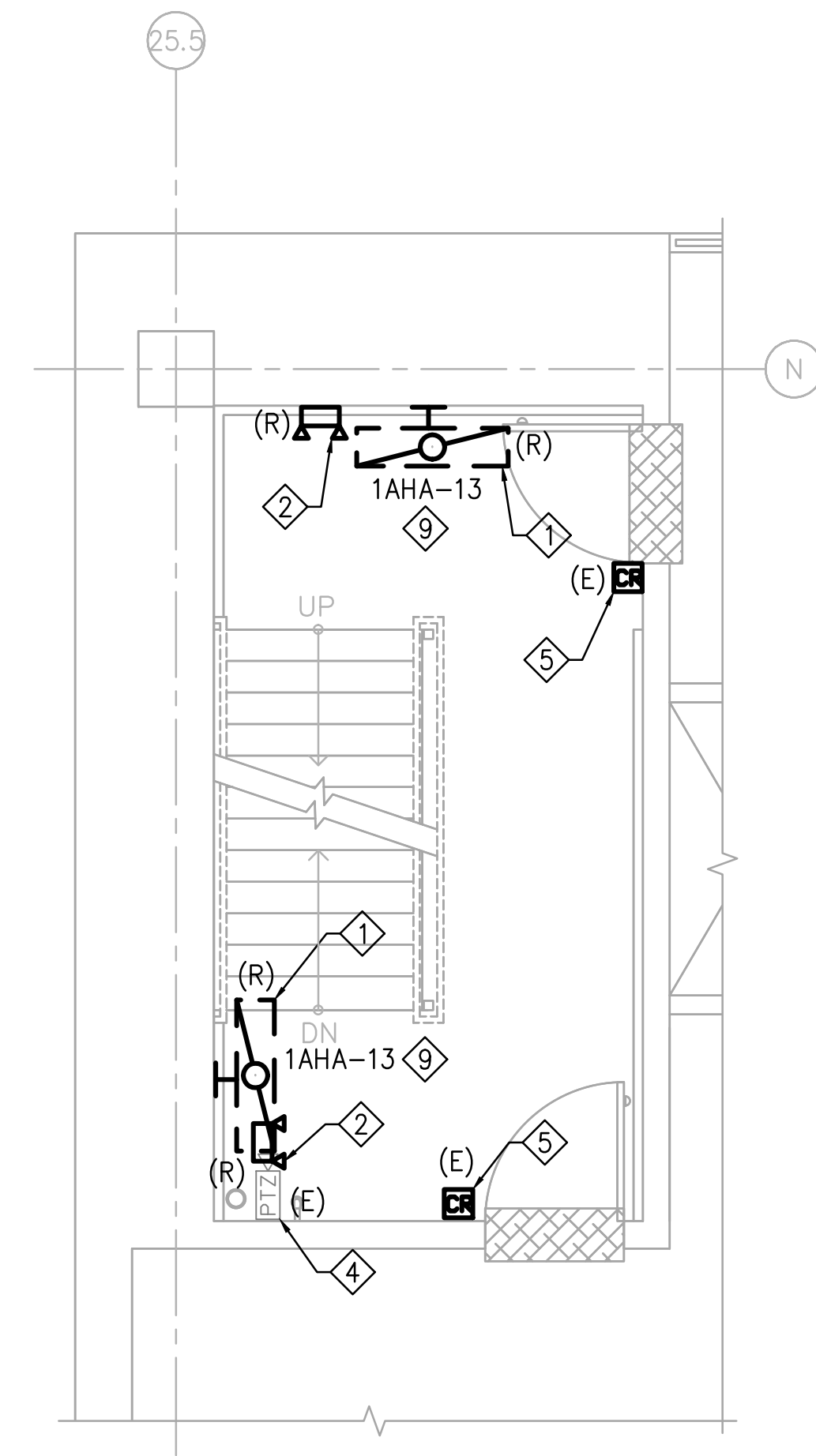
**TYPICAL PLATFORM LEVEL
DEMOLITION PLAN
STAIR NO.1 (2nd & 3rd)**

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



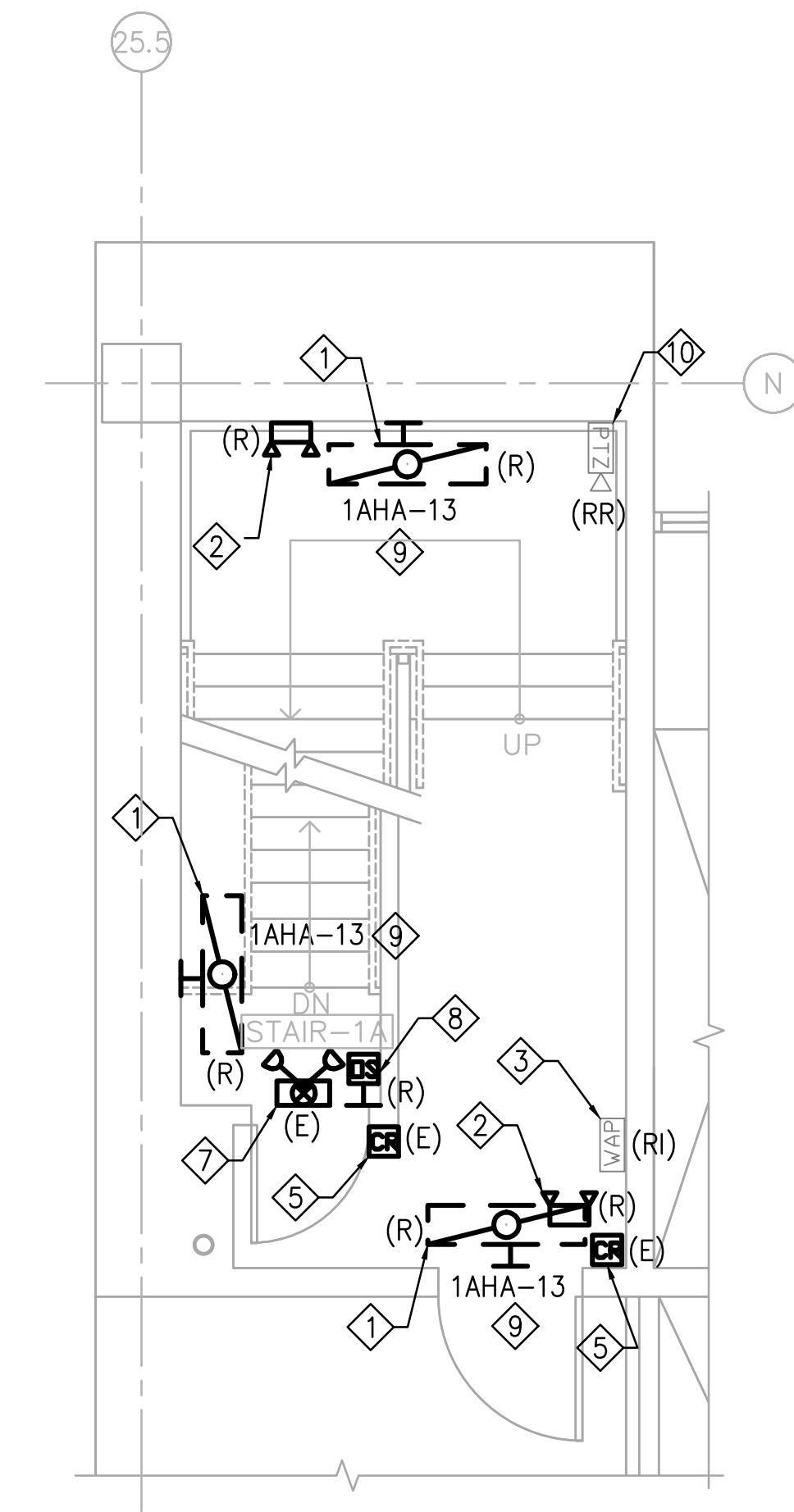
**TYPICAL FLOOR STAIR
DEMOLITION PLAN
STAIR NO.1 (2nd, 3rd & 4th)**

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



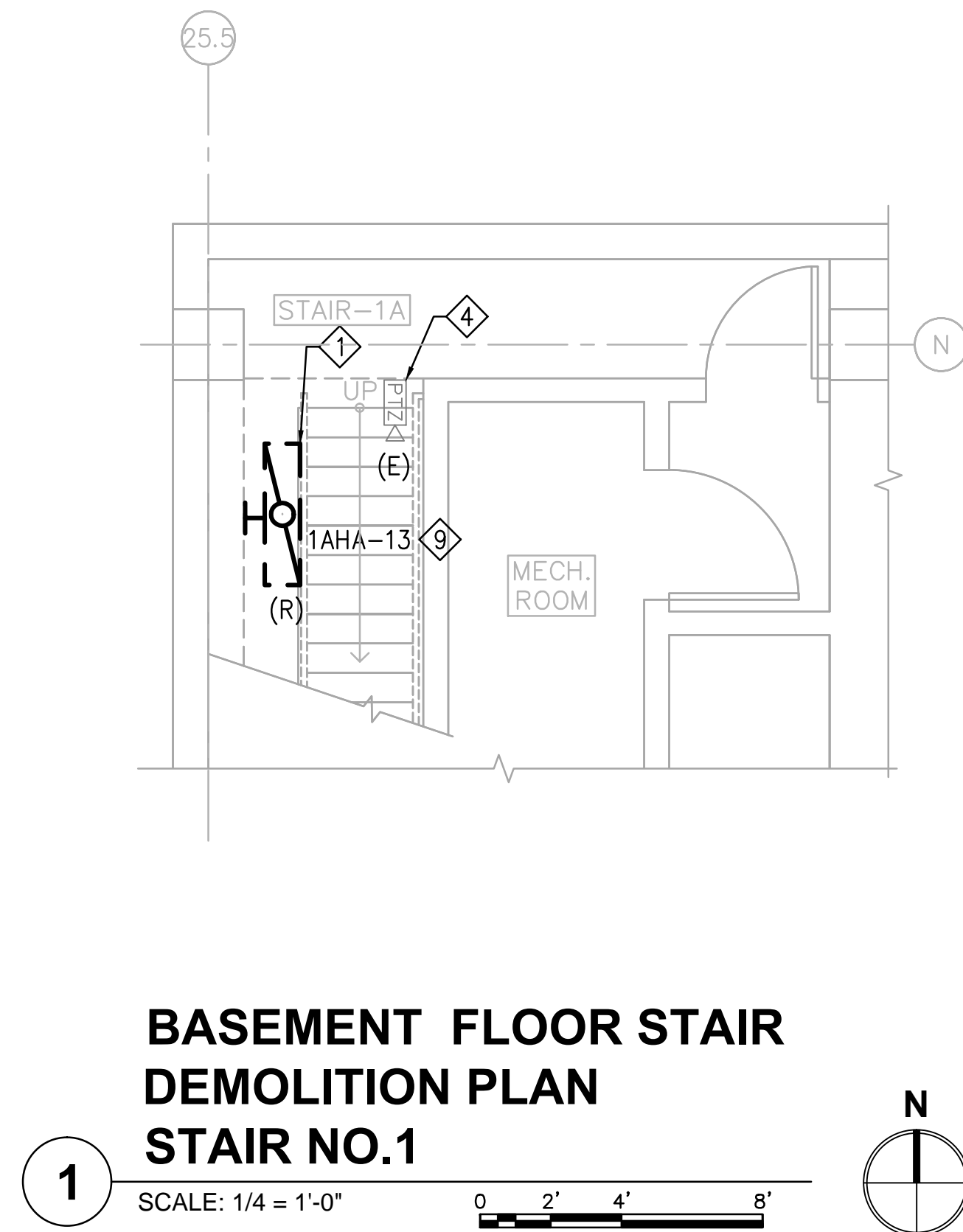
**1st FLR. STAIR PLATFORM LEVEL
DEMOLITION PLAN
STAIR NO.1**

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



**1st FLOOR STAIR
DEMOLITION PLAN
STAIR NO.1**

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



**BASEMENT FLOOR STAIR
DEMOLITION PLAN
STAIR NO.1**

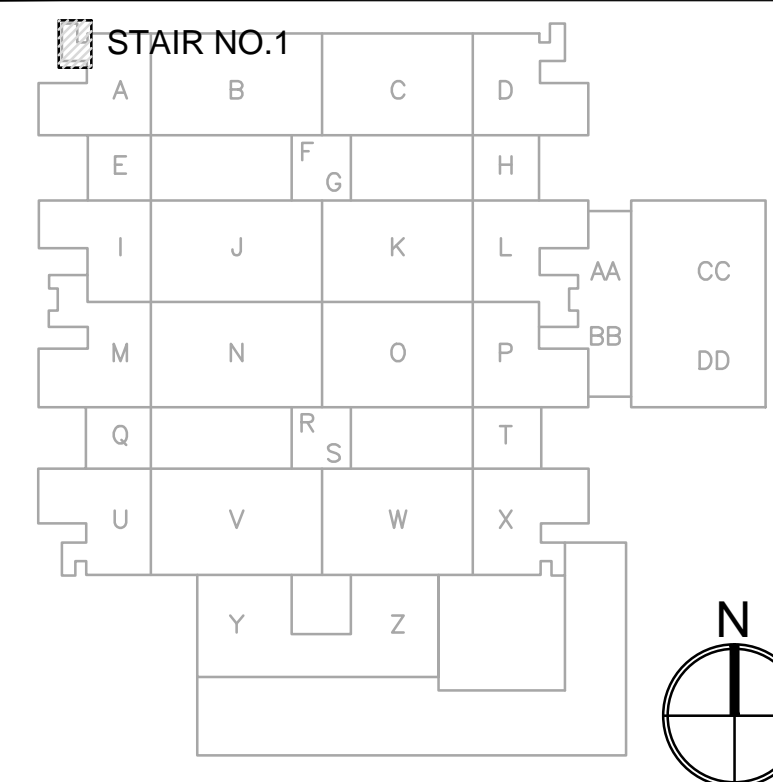
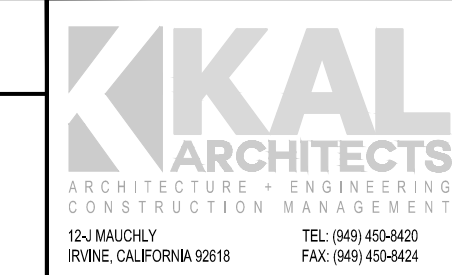
SCALE: 1/4" = 1'-0"

KEY NOTES

- EXISTING WALL MOUNTED FLUORESCENT LIGHT FIXTURE TO BE COMPLETELY DISCONNECTED AND REMOVED. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO THE LAST J-BOX UNLESS EXISTING CONDUIT AND WIRING WILL BE REUSED.
- EXISTING BUG-EYE EMERGENCY FIXTURE TO BE COMPLETELY DISCONNECTED AND REMOVED. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO THE LAST J-BOX.
- EXISTING WIRELESS ACCESS POINT (WAP) EQUIPMENT TO BE DISCONNECTED AND SAVED TO ACCOMMODATE DEMOLITION. DISCONNECTED (WAP) EQUIPMENT SHALL BE CLEANED, SAVED, AND RE-INSTALLED PER RENOVATION PLANS. EXISTING (WAP) EQUIPMENT WIRING TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION. COORDINATE ALL WORK AND REQUIREMENTS PRIOR TO DISCONNECTION AND RECONNECTION OF EXISTING WAP WITH VA REPRESENTATIVE. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL AND CEILING RESTORATION. TYPICAL FOR ALL (WAP) WITH "RI" INDICATED.
- EXISTING RECESSED WALL MOUNTED PTZ SECURITY CAMERA TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING WALL MOUNTED ACCESS CONTROL CARD READER TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING WALL RECEPTACLE OUTLET TO BE REMOVED AND REPLACED WITH NEW. PATCH OPENING AND PAINT TO MATCH EXISTING WALL SURFACE.
- EXISTING COMBINATION WALL MOUNTED EXIT SIGN AND EMERGENCY BUG-EYE LIGHT FIXTURE TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING WALL MOUNTED MOTION SENSOR TO BE REMOVED AND REPLACED WITH NEW WIRELESS OCCUPANCY SENSOR. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO THE LAST JBOX. PATCH OPENING AND PAINT TO MATCH EXISTING WALL SURFACE.
- EXISTING CIRCUIT INDICATED ON PLAN WERE TAKEN FROM AS-BUILT. CONTRACTOR TO TRACE AND FIELD VERIFY CIRCUIT. EXISTING NORMAL POWER CIRCUIT SHALL NOT BE REUSED. CONVERT CIRCUIT TO SPARE IF NOT USED OR CONNECTED TO OTHER EXISTING DEVICES. UPDATE PANEL SCHEDULE DIRECTORY AS REQUIRED.
- EXISTING RECESSED WALL MOUNTED PTZ SECURITY CAMERA TO BE DISCONNECTED, REMOVED, AND RELOCATED TO NEW LOCATION TO ACCOMMODATE WALL MURAL WORK. REFER TO SHEET E101 FOR NEW LOCATION. TYPICAL FOR DEVICE WITH "RR" INDICATED.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS & DEMOLITIONS AT THE FACILITY.
- THE UTILITY LINES WITHIN THE DEMOLITION AREA THAT WILL REMAIN ARE TO BE PROTECTED.
- REROUTE PIPING IN EXISTING WALL TO BE DEMOLISHED.
- FIRE RATING OF EXISTING WALLS TO BE MAINTAINED. IF FIRE RATED WALL IS DEMOLISHED CONSTRUCT NEW WALL/ENVELOPE TO MAINTAIN EXISTING FIRE RATED CONSTRUCTION.
- EXISTING WIRELESS ACCESS POINT COMMUNICATION SYSTEM EQUIPMENT TO BE DISCONNECTED, PROTECTED, REPAIRED, ADJUSTED & CLEANED LIKE NEW FOR NEW LAYOUT.
- EXISTING CLOSED CIRCUIT CAMERA SYSTEM TO BE PROTECTED REPAIRED, ADJUSTED & CLEANED LIKE NEW FOR LAYOUT.



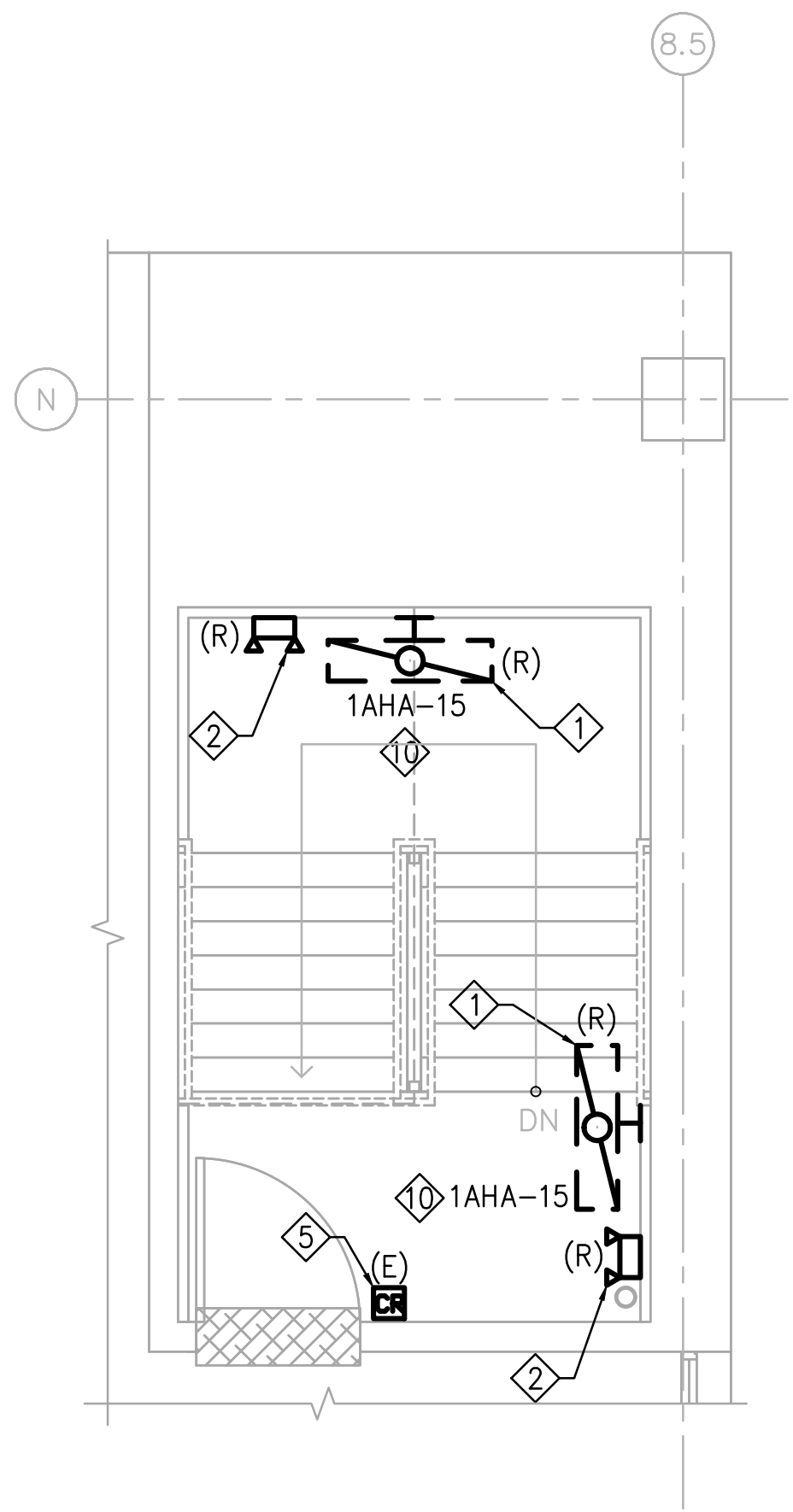
KEY PLAN

TTG
TWMAD TAYLOR & GAINES
16935 West Bernardo Drive, Suite 100
San Diego, CA 92127
Phone: 858.271.9808 Fax: 858.271.9932
www.ttgcorp.com Project No. 0214.765.00

• STRUCTURAL
• MECHANICAL
• ELECTRICAL
• CIVIL

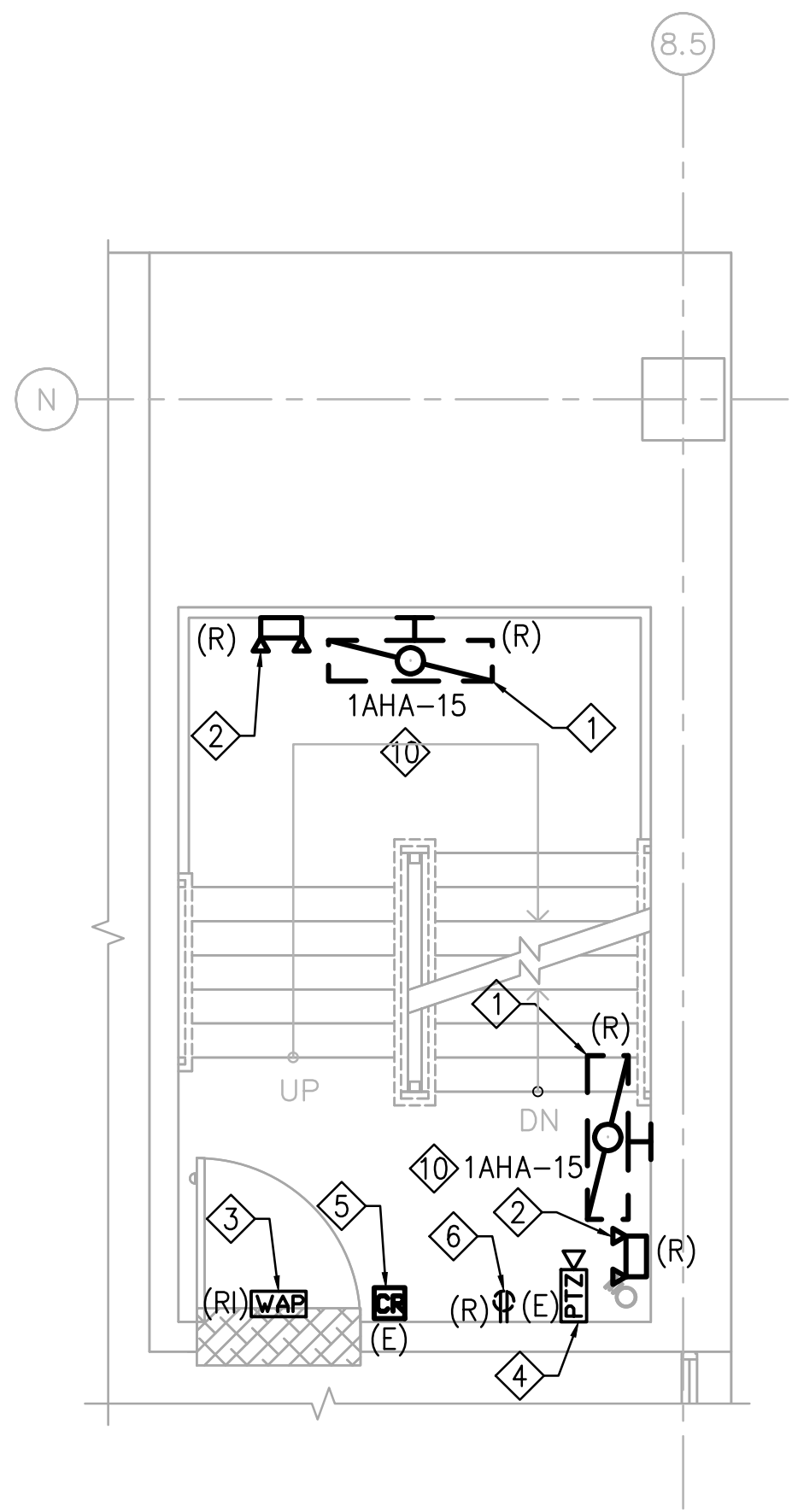
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
No. 14185
Exp. 12/31/2015
#114

NO.	DATE	DESCRIPTION
PROJECT TITLE: DESIGN RENOVATION OF THREE STAIRWELLS		
SHEET TITLE: DEMO PLANS (STAIR NO.1)		
JERRY L. PETTIS MEMORIAL VETERANS MEDICAL CENTER		
11201 BENTON STREET LOMA LINDA, CALIFORNIA 92357		
DRAWN: TTG	CHECK ENGINEERING	SCALE: 1/4"=1'-0"
CHECKED: ML/ML	DATE: 07-21-2015	DRAWING NO. ED101
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 19 OF 25
CHEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE		CHIEF OF STAFF
ASST. HOSP. DIRECTOR		HOSPITAL DIRECTOR



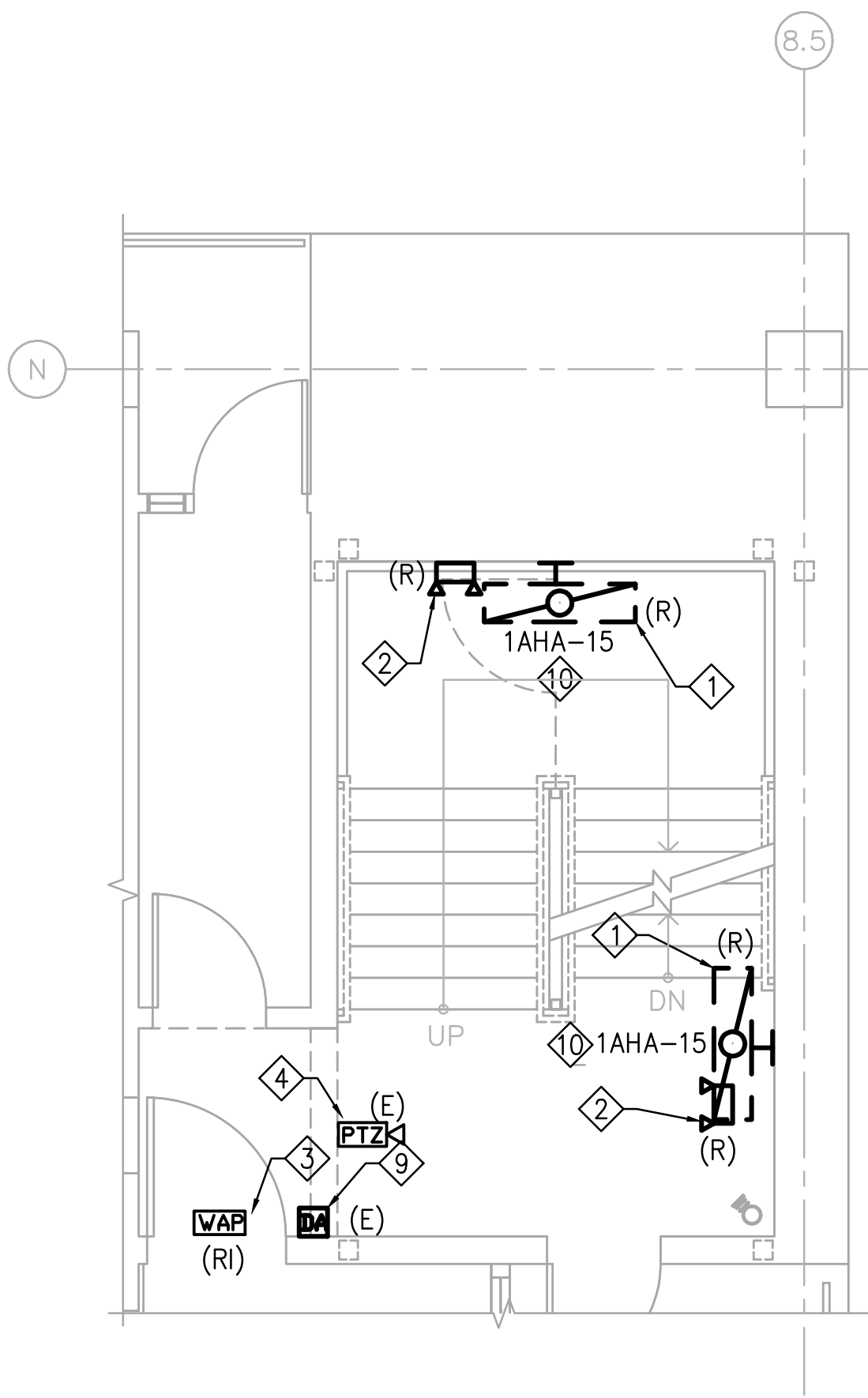
4th FLOOR PLATFORM LEVEL
DEMOLITION PLAN
STAIR NO.2

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



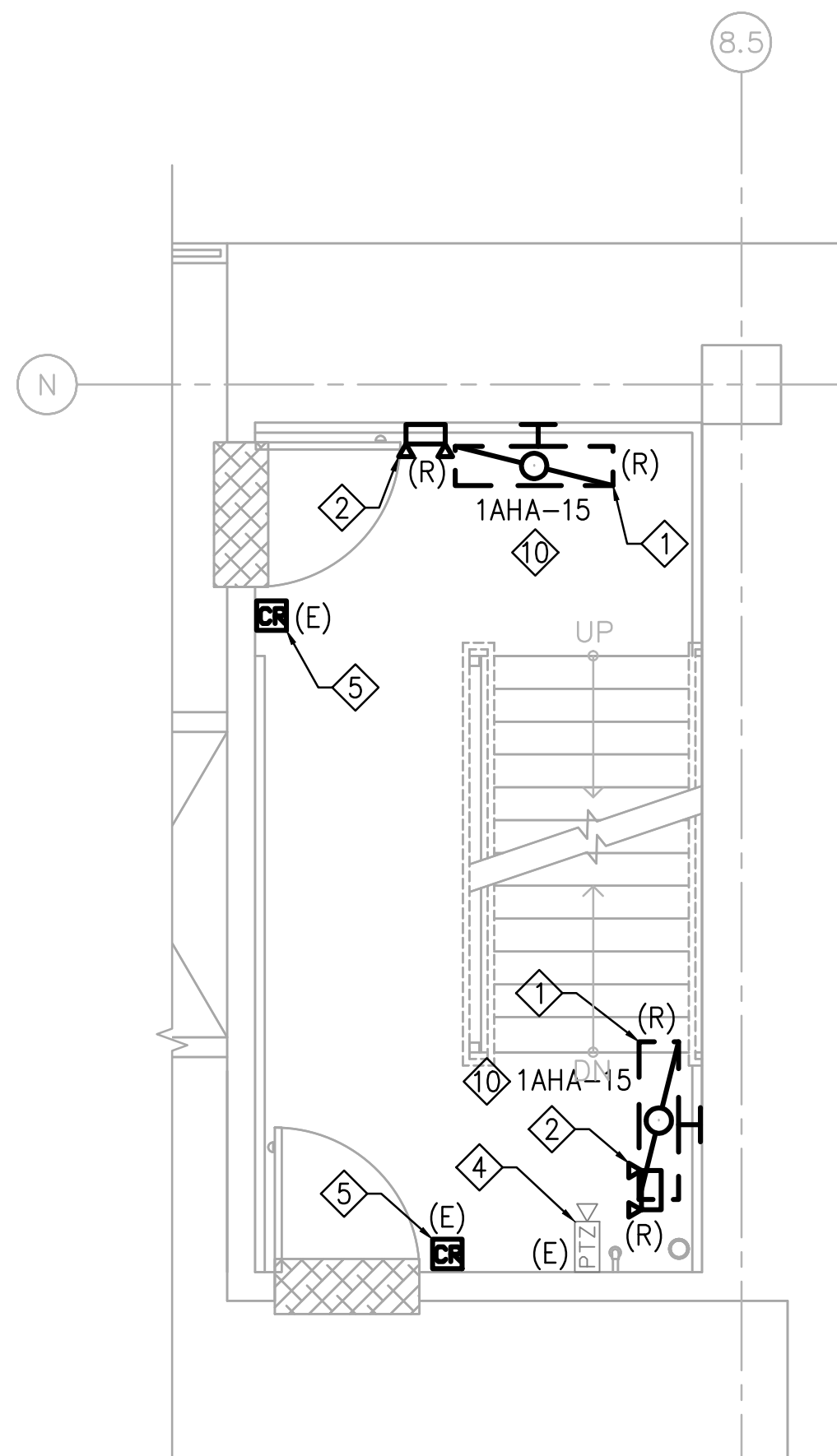
TYPICAL PLATFORM LEVEL
DEMOLITION PLAN
STAIR NO.2 (2nd & 3rd)

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



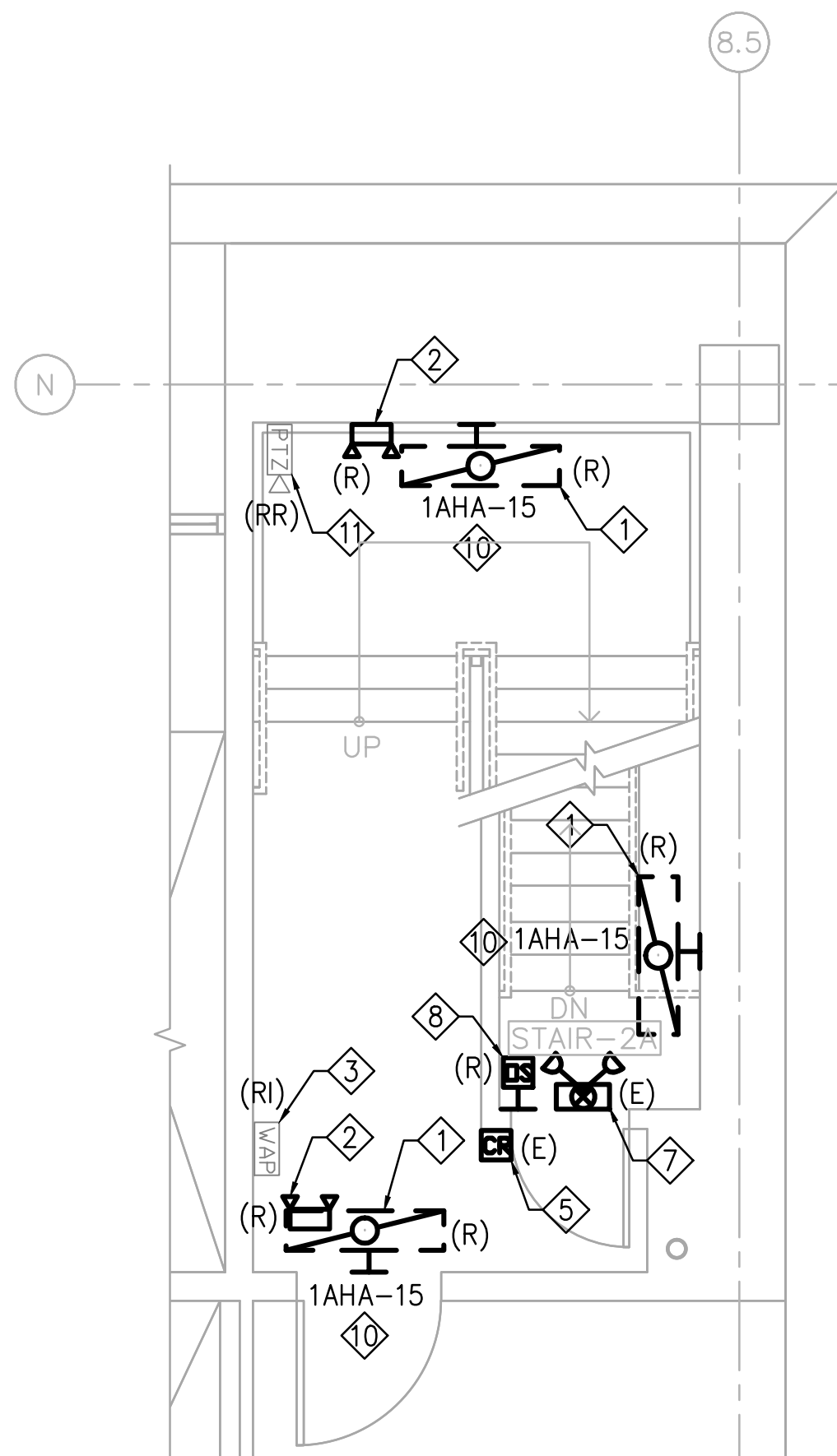
TYPICAL FLOOR STAIR
DEMOLITION PLAN
STAIR NO.2 (2nd, 3rd & 4th)

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



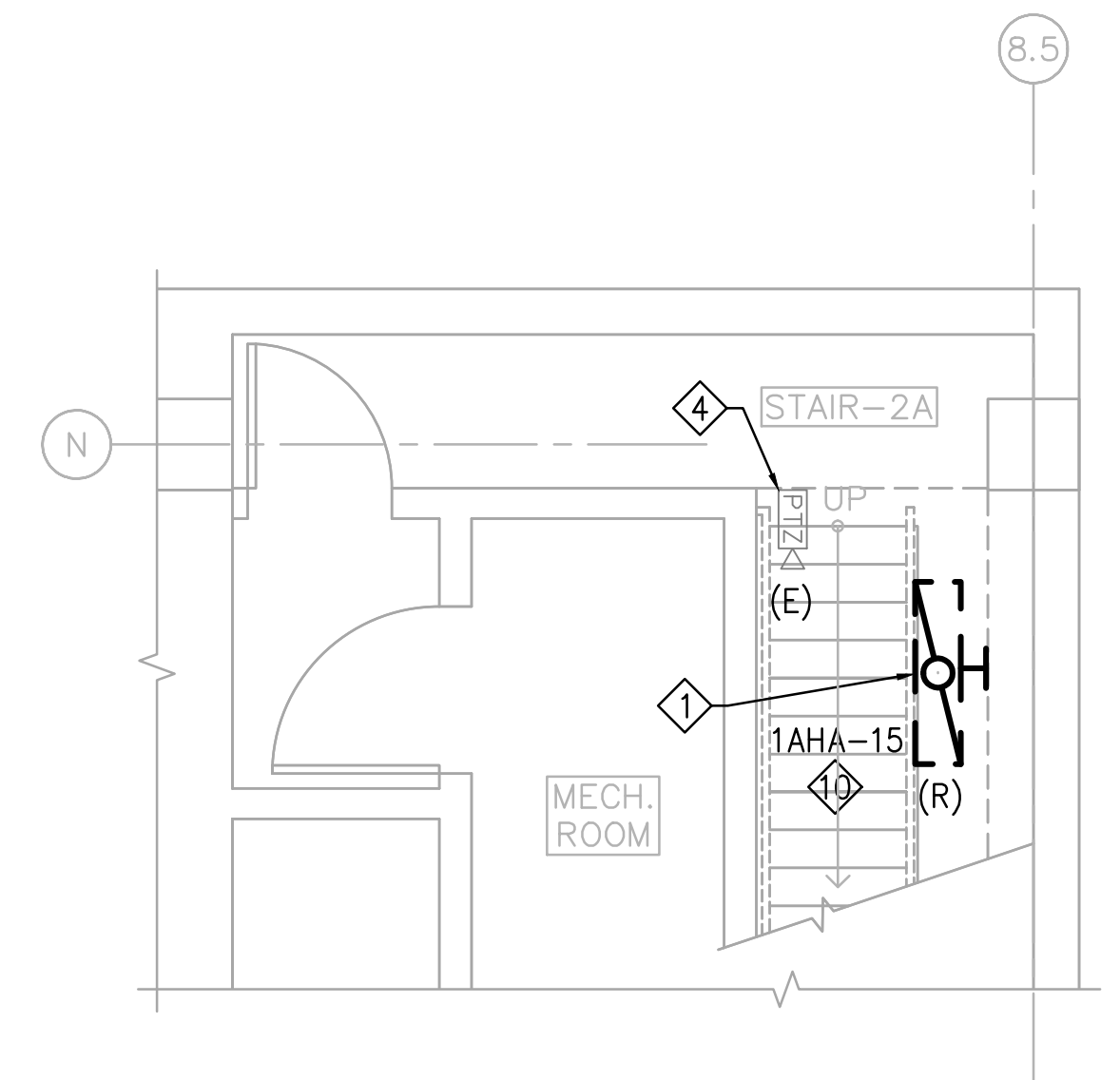
1st FLR. STAIR PLATFORM LEVEL
DEMOLITION PLAN
STAIR NO.2

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



1st FLOOR STAIR
DEMOLITION PLAN
STAIR NO.2

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



BASEMENT FLOOR STAIR
DEMOLITION PLAN
STAIR NO.2

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

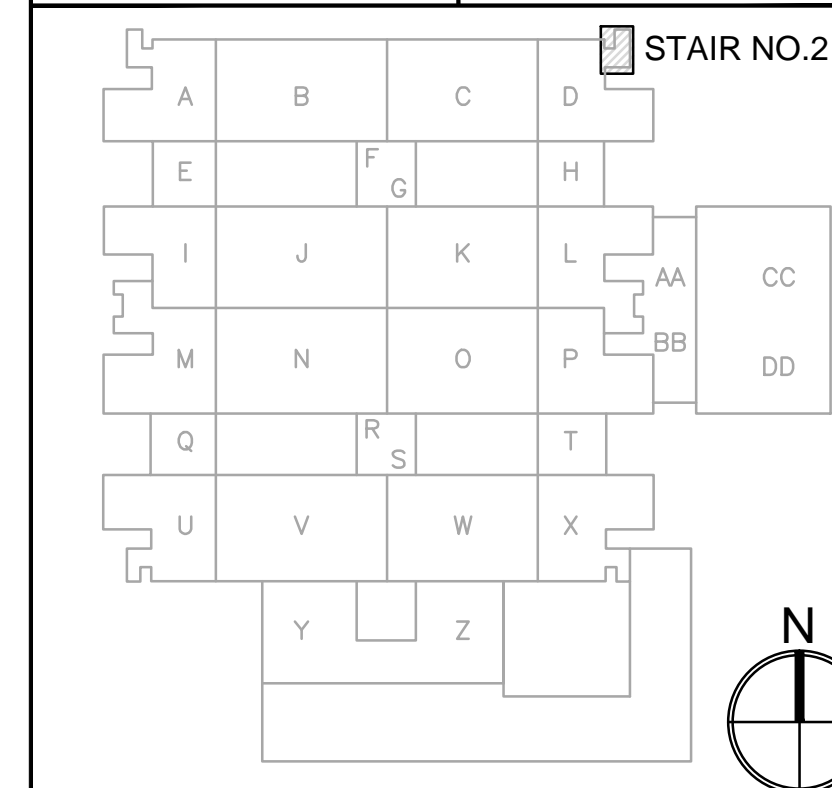
KEY NOTES

- EXISTING WALL MOUNTED FLUORESCENT LIGHT FIXTURE TO BE COMPLETELY DISCONNECTED AND REMOVED. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO THE LAST J-BOX UNLESS EXISTING CONDUIT AND WIRING WILL BE REUSED.
- EXISTING BUG-EYE EMERGENCY FIXTURE TO BE COMPLETELY DISCONNECTED AND REMOVED. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO THE LAST J-BOX.
- EXISTING WIRELESS ACCESS POINT (WAP) EQUIPMENT TO BE DISCONNECTED AND SAVED TO ACCOMMODATE DEMOLITION. DISCONNECTED (WAP) EQUIPMENT SHALL BE CLEANED, SAVED, AND RE-INSTALLED PER RENOVATION PLANS. EXISTING (WAP) EQUIPMENT WIRING TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION. COORDINATE ALL WORK AND REQUIREMENTS PRIOR TO DISCONNECTION AND RECONNECTION OF EXISTING WAP WITH VA REPRESENTATIVE. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR WALL AND CEILING RESTORATION. TYPICAL FOR ALL (WAP) WITH "RI" INDICATED.
- EXISTING RECESSED WALL MOUNTED PTZ SECURITY CAMERA TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING WALL MOUNTED ACCESS CONTROL CARD READER TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.

- EXISTING WALL RECEPTACLE OUTLET TO BE REMOVED AND REPLACED WITH NEW. PATCH OPENING AND PAINT TO MATCH EXISTING WALL SURFACE.
- EXISTING COMBINATION WALL MOUNTED EXIT SIGN AND EMERGENCY BUG-EYE LIGHT FIXTURE TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING WALL MOUNTED MOTION SENSOR TO BE REMOVED AND REPLACED WITH NEW WIRELESS OCCUPANCY SENSOR. ALL ASSOCIATED CONDUIT AND WIRING SHALL BE REMOVED BACK TO THE LAST JBOX. PATCH OPENING AND PAINT TO MATCH EXISTING WALL SURFACE.
- EXISTING DOOR ALARM HORN TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
- EXISTING CIRCUIT INDICATED ON PLAN WERE TAKEN FROM AS-BUILT. CONTRACTOR TO TRACE AND FIELD VERIFY CIRCUIT. EXISTING NORMAL POWER CIRCUIT SHALL NOT BE REUSED. CONVERT CIRCUIT TO SPARE IF NOT USED OR CONNECTED TO OTHER EXISTING DEVICES. UPDATE PANEL SCHEDULE DIRECTORY AS REQUIRED.
- EXISTING RECESSED WALL MOUNTED PTZ SECURITY CAMERA TO BE DISCONNECTED, REMOVED, AND RELOCATED TO NEW LOCATION TO ACCOMMODATE WALL MURAL WORK. REFER TO SHEET E101 FOR NEW LOCATION. TYPICAL FOR DEVICE WITH "RR" INDICATED.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL CONDITIONS & DEMOLITIONS AT THE FACILITY.
- THE UTILITY LINES WITHIN THE DEMOLITION AREA THAT WILL REMAIN ARE TO BE PROTECTED.
- REROUTE PIPING IN EXISTING WALL TO BE DEMOLISHED.
- FIRE RATING OF EXISTING WALLS TO BE MAINTAINED. IF FIRE RATED WALL IS DEMOLISHED CONSTRUCT NEW WALL/ENVELOPE TO MAINTAIN EXISTING FIRE RATED CONSTRUCTION.
- EXISTING WIRELESS ACCESS POINT COMMUNICATION SYSTEM EQUIPMENT TO BE DISCONNECTED, PROTECTED, REPAIRED, ADJUSTED & CLEANED LIKE NEW FOR NEW LAYOUT.
- EXISTING CLOSED CIRCUIT CAMERA SYSTEM TO BE PROTECTED REPAIRED, ADJUSTED & CLEANED LIKE NEW FOR LAYOUT.



KEY PLAN

TTG		
TWARD TAYLOR & GAINES		
16935 West Bernardo Drive, Suite 100 San Diego, CA 92127 Phone: 858.271.9808 Fax: 858.271.9932 www.ttgcorp.com Project No. 0214.765.00		
• STRUCTURAL • MECHANICAL • ELECTRICAL • CIVIL		
NO.	DATE	DESCRIPTION
PROJECT TITLE: DESIGN RENOVATION OF THREE STAIRWELLS		
SHEET TITLE: DEMO PLANS (STAIR NO.2)		
JERRY L. PETTIS MEMORIAL VETERANS MEDICAL CENTER		
11201 BENTON STREET LOMA LINDA, CALIFORNIA 92357		
DRAWN: TTG	CHIEF ENGINEERING	SCALE: 1/4"=1'-0"
CHECKED: ML/ML	DATE: 07-21-2015	DRAWING NO. ED102
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 20 OF 25
CHIEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE		CHIEF OF STAFF
ASST. HOSP. DIRECTOR		HOSPITAL DIRECTOR