



## **ATTACHMENT 07**

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**Drawings**

**Part 5 of 5**

**605-14-662**

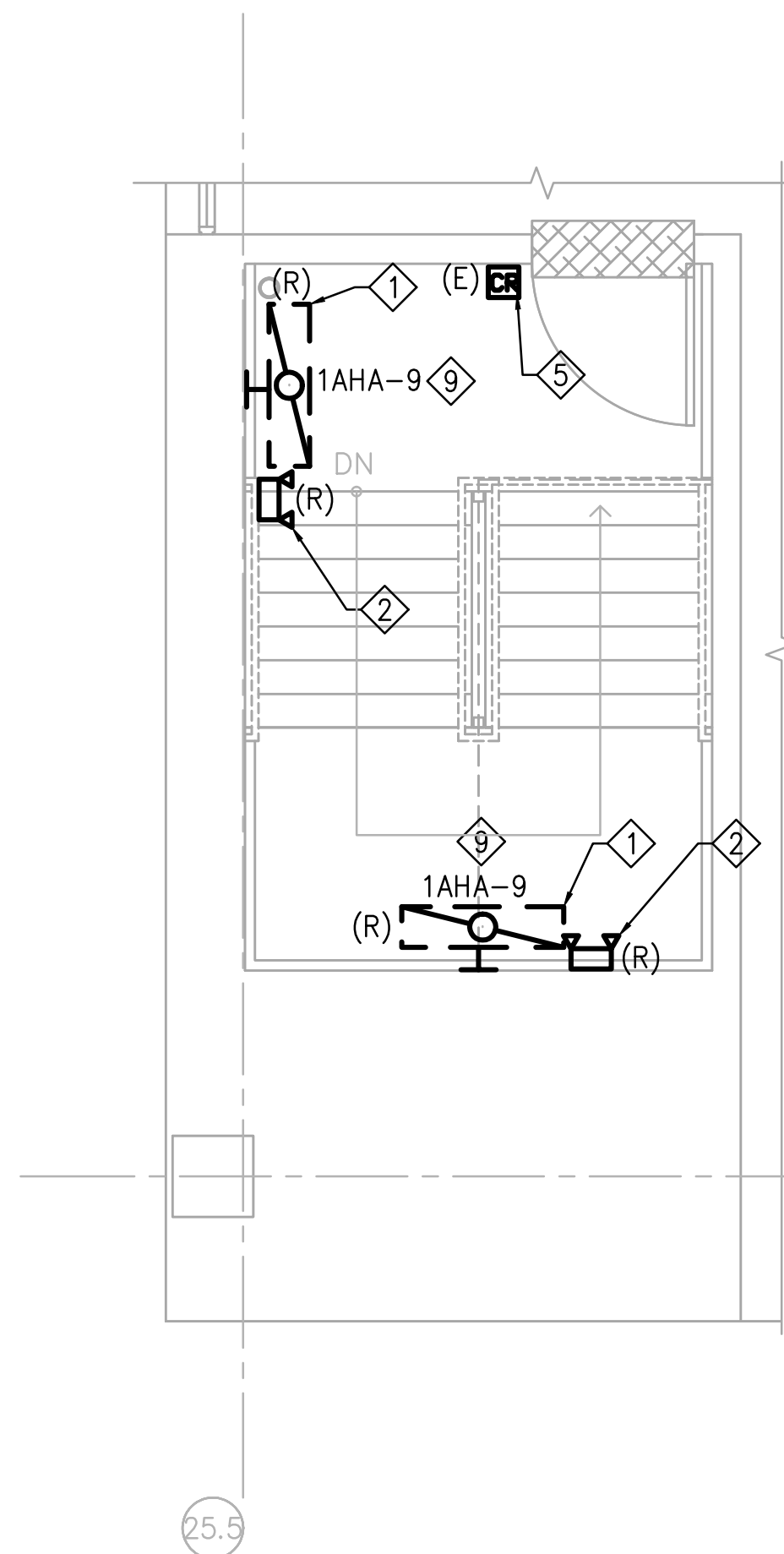
**5 pages**

**3 Aug 2015**

**Loma Linda, California VA Health Care System (605)**

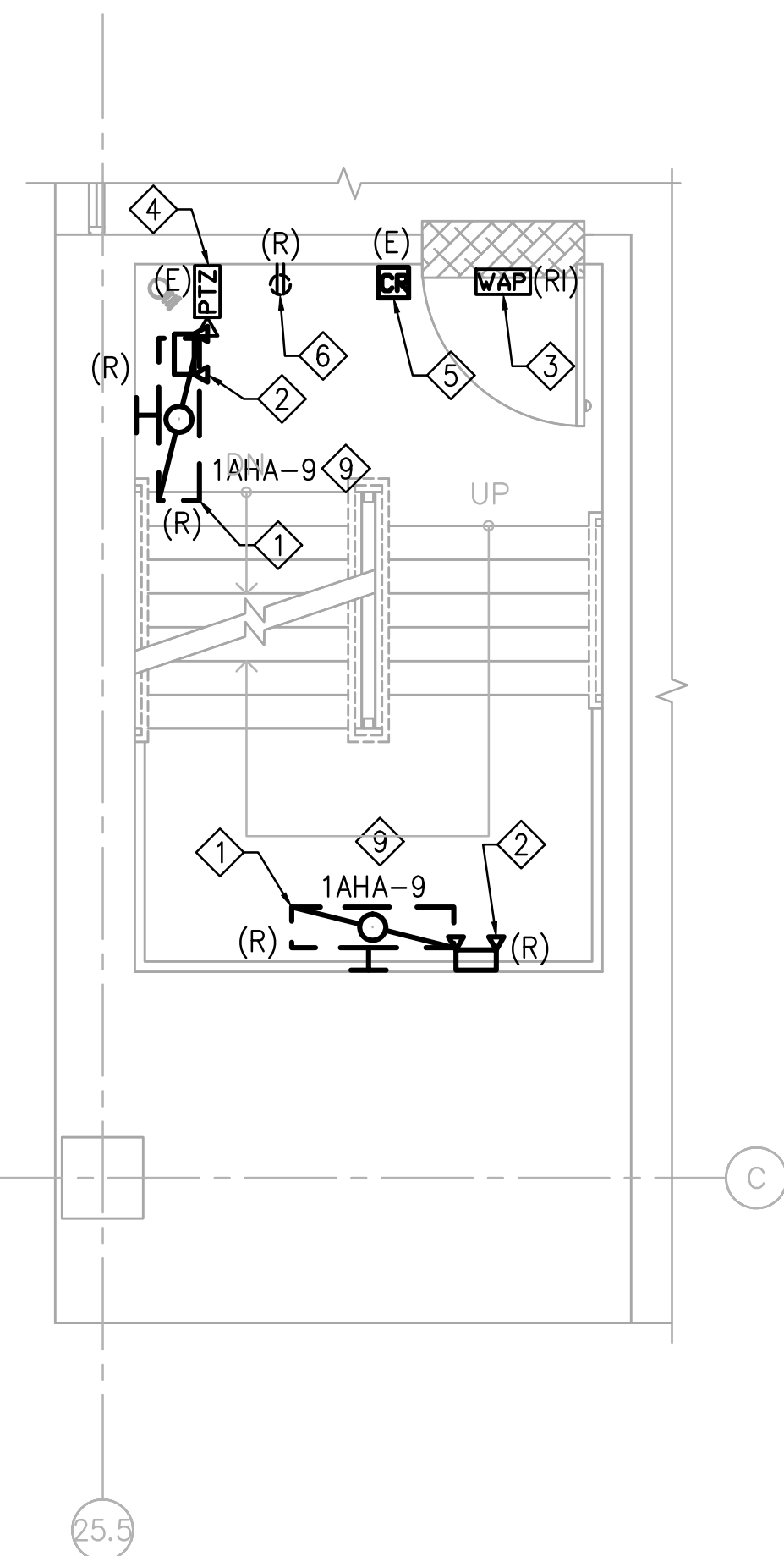
**Stairwell Renovation**

**CONSTRUCTION**



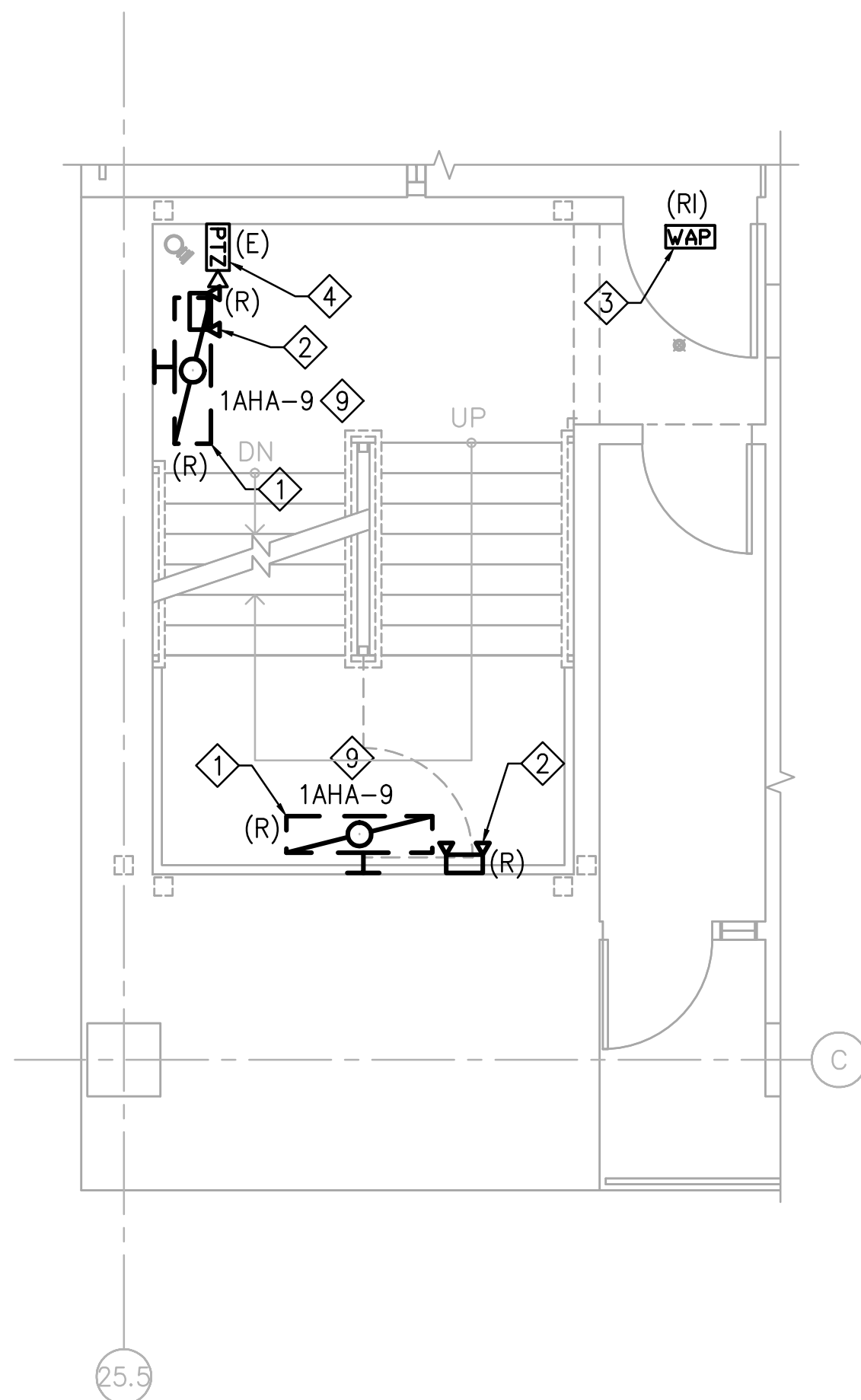
**4th FLOOR PLATFORM LEVEL  
DEMOLITION PLAN  
STAIR NO.7**

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



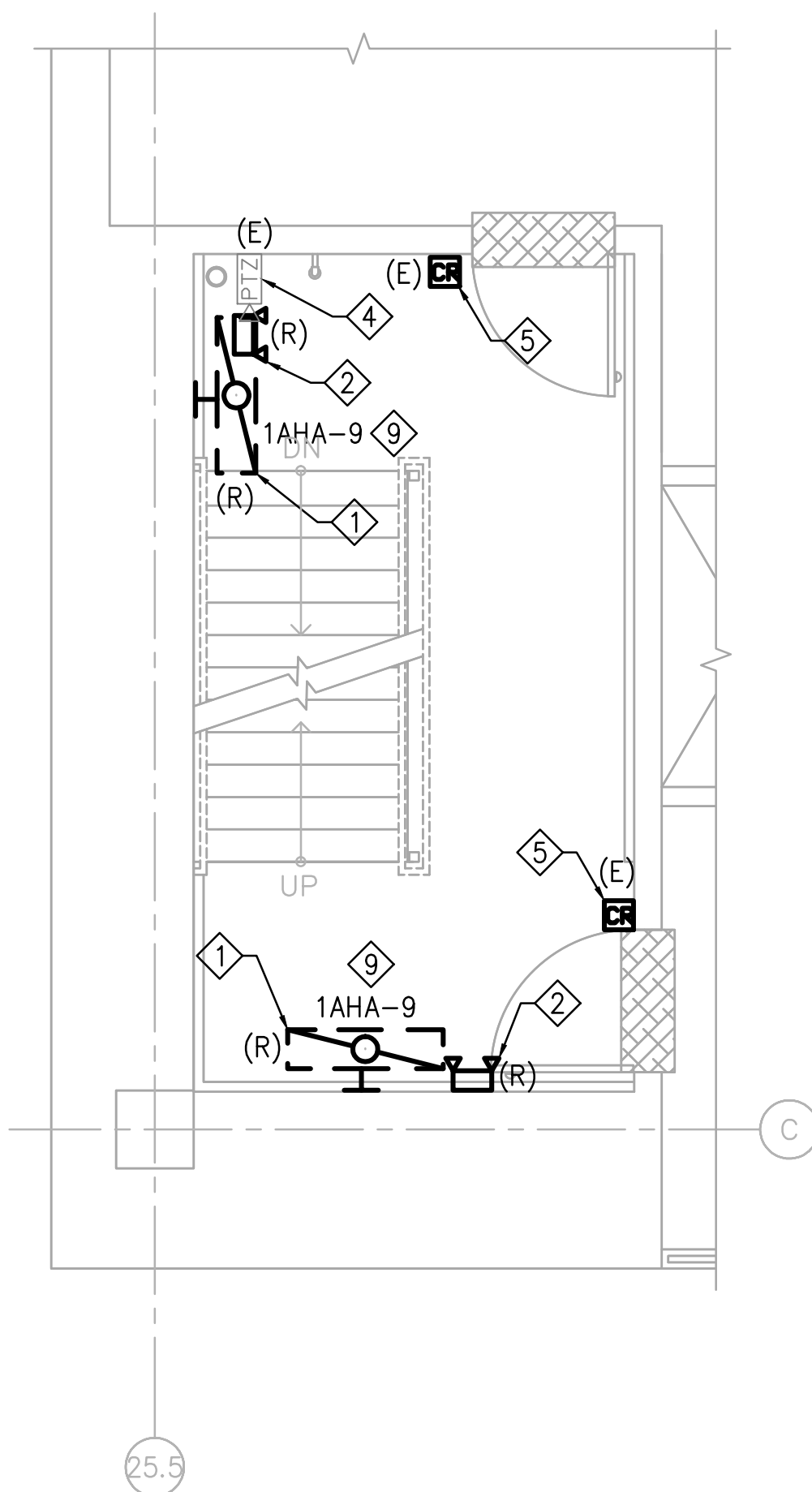
**TYPICAL PLATFORM LEVEL  
DEMOLITION PLAN  
STAIR NO.7 (2nd & 3rd)**

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



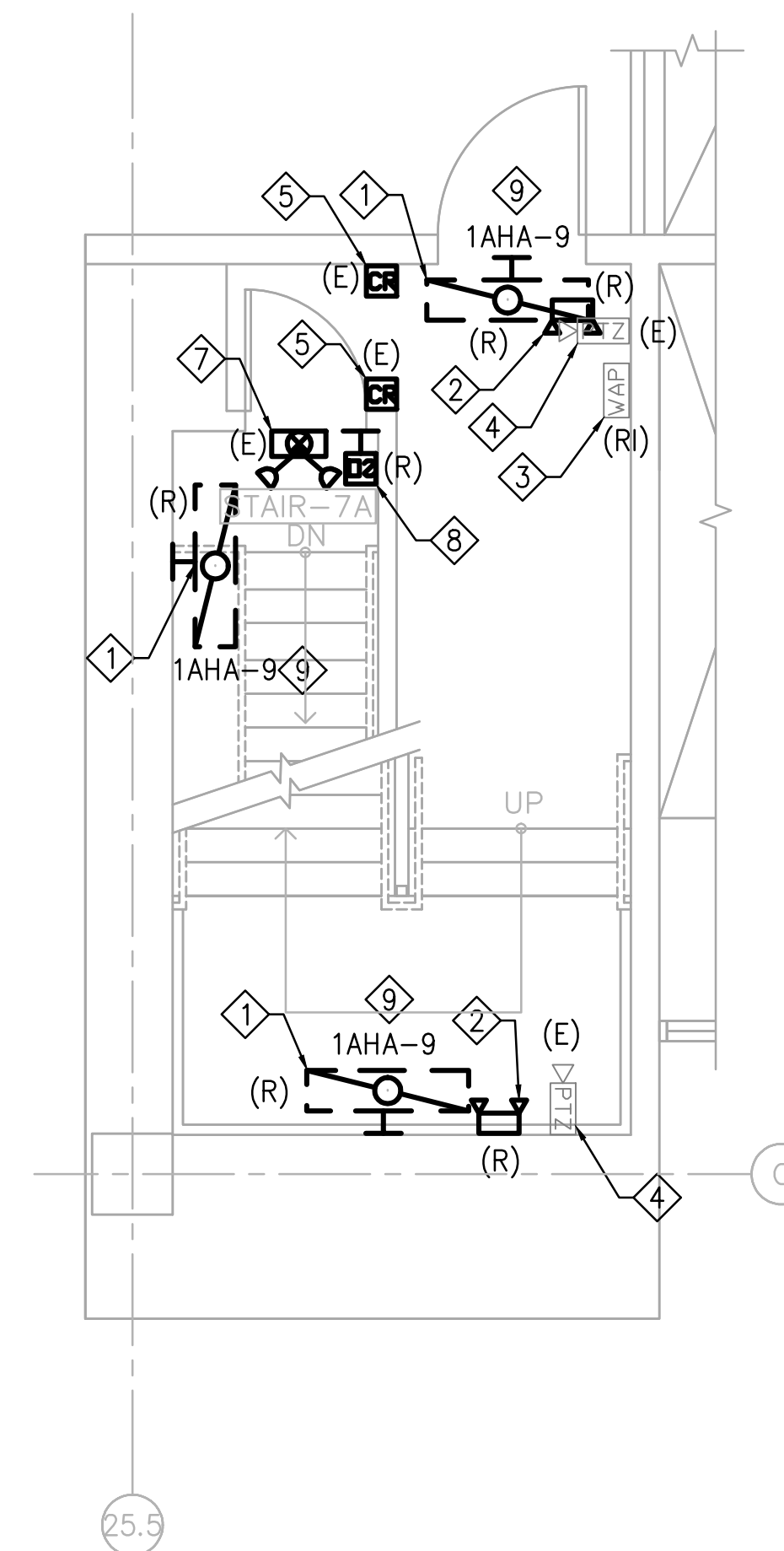
**TYPICAL FLOOR STAIR  
DEMOLITION PLAN  
STAIR NO.7 (2nd, 3rd & 4th)**

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



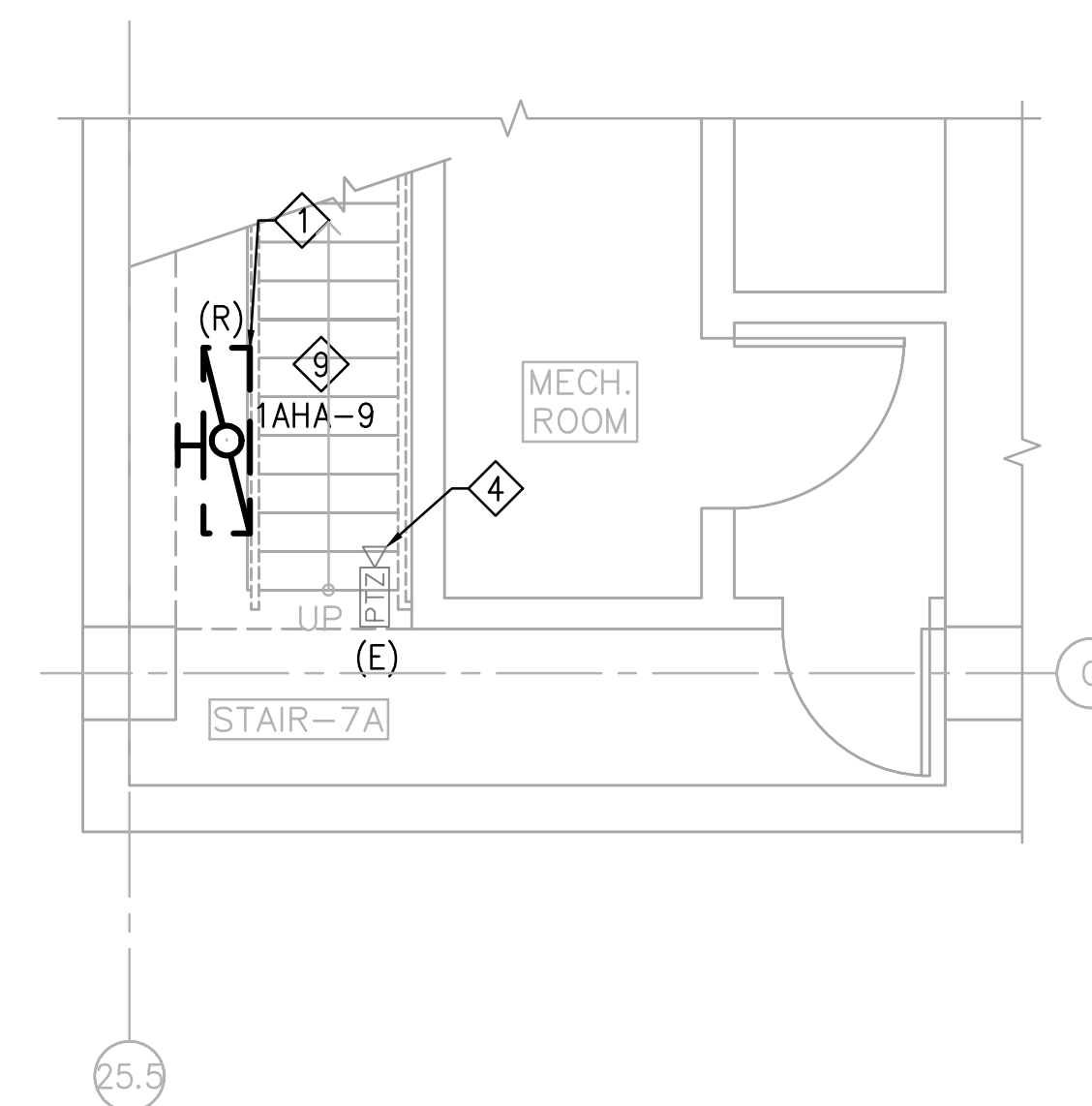
**1st FLR. STAIR PLATFORM LEVEL  
DEMOLITION PLAN  
STAIR NO.7**

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



**1st FLOOR STAIR  
DEMOLITION PLAN  
STAIR NO.7**

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



**BASEMENT FLOOR STAIR  
DEMOLITION PLAN  
STAIR PLAN - STAIR NO.7**

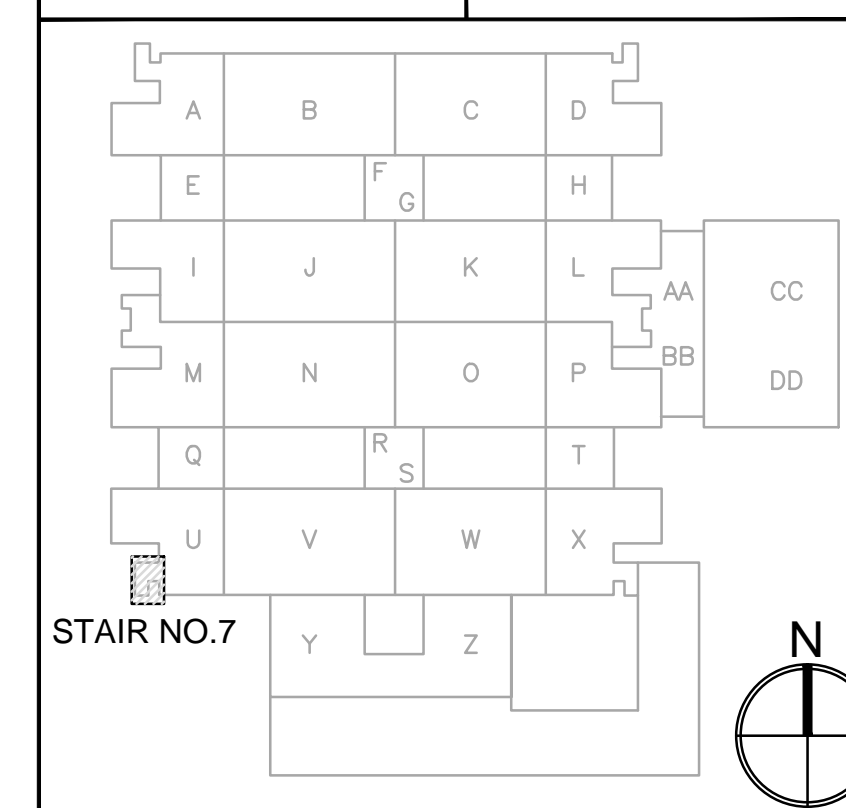
SCALE: 1/4" = 1'-0"

## KEY NOTES

1. 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.
2. 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.
3. 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.
4. EXISTING RECESSED WALL MOUNTED PTZ SECURITY CAMERA TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
5. EXISTING WALL MOUNTED ACCESS CONTROL CARD READER TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
6. EXISTING WALL RECEPTACLE OUTLET TO BE REMOVED AND REPLACED WITH NEW. PATCH OPENING AND PAINT TO MATCH EXISTING WALL SURFACE.
7. EXISTING COMBINATION WALL MOUNTED EXIT SIGN AND EMERGENCY BUG-EYE LIGHT FIXTURE TO REMAIN AND PROTECT IN PLACE DURING CONSTRUCTION.
8. 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.
9. 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.

## GENERAL NOTES

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

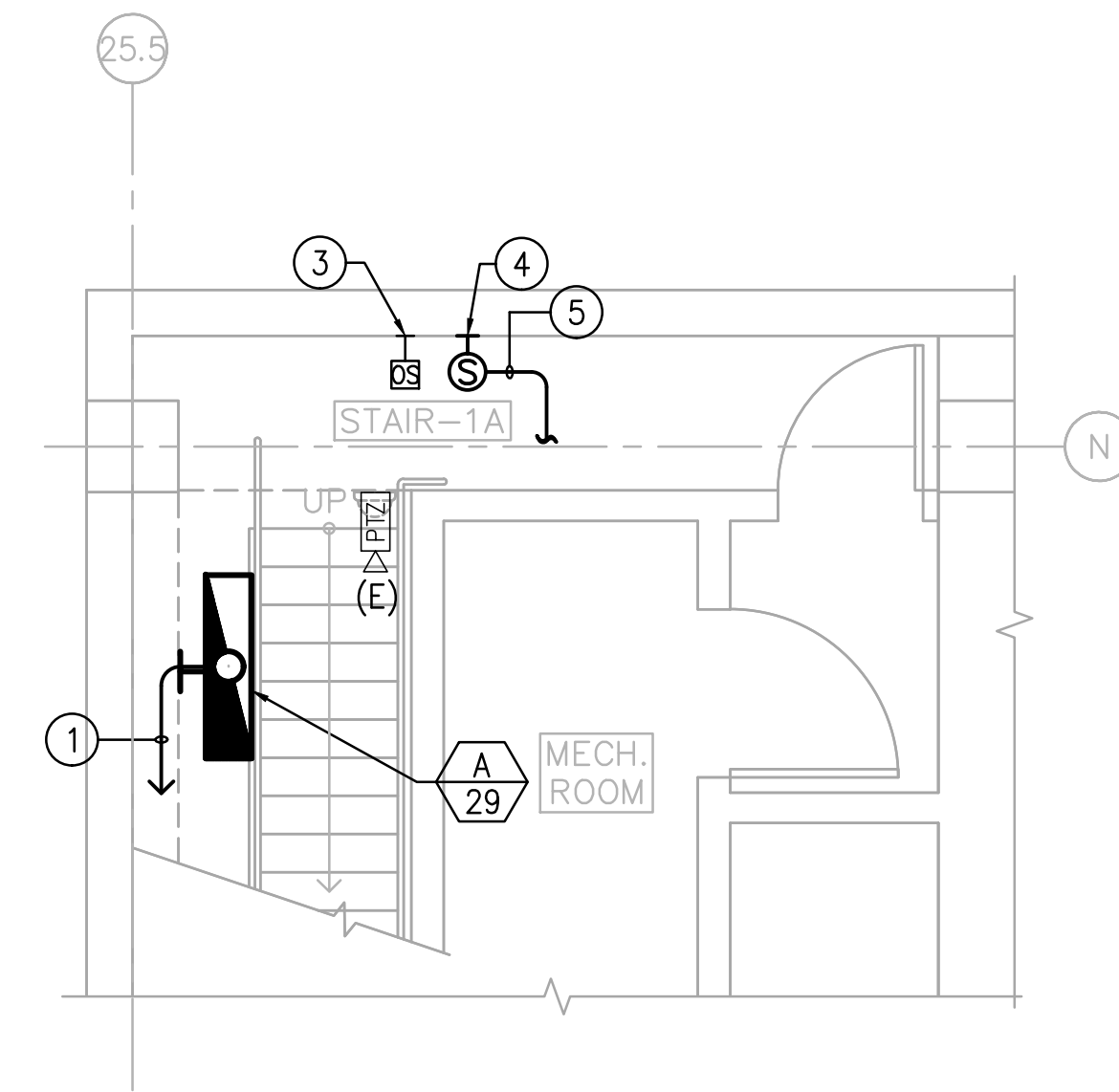
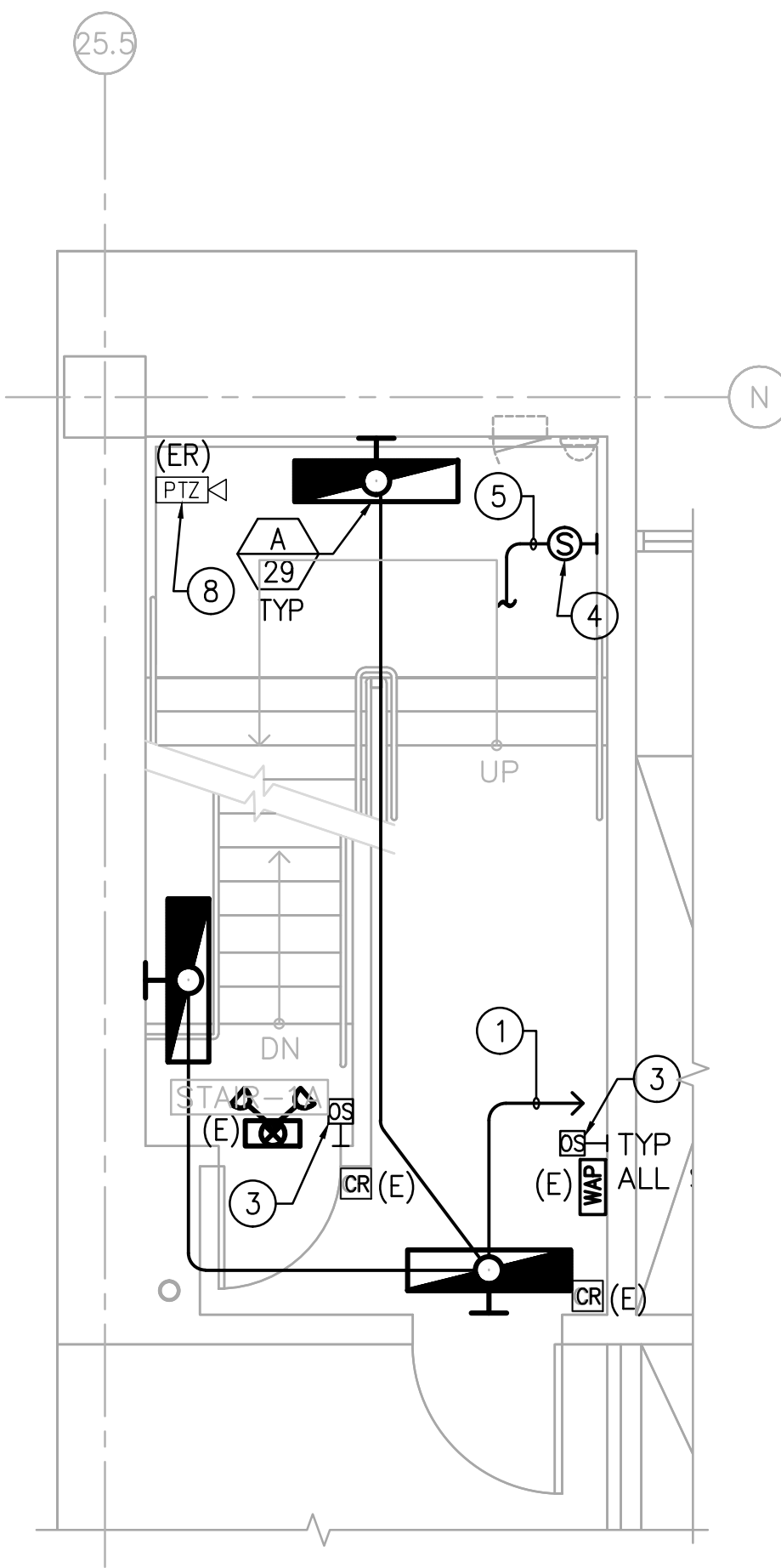
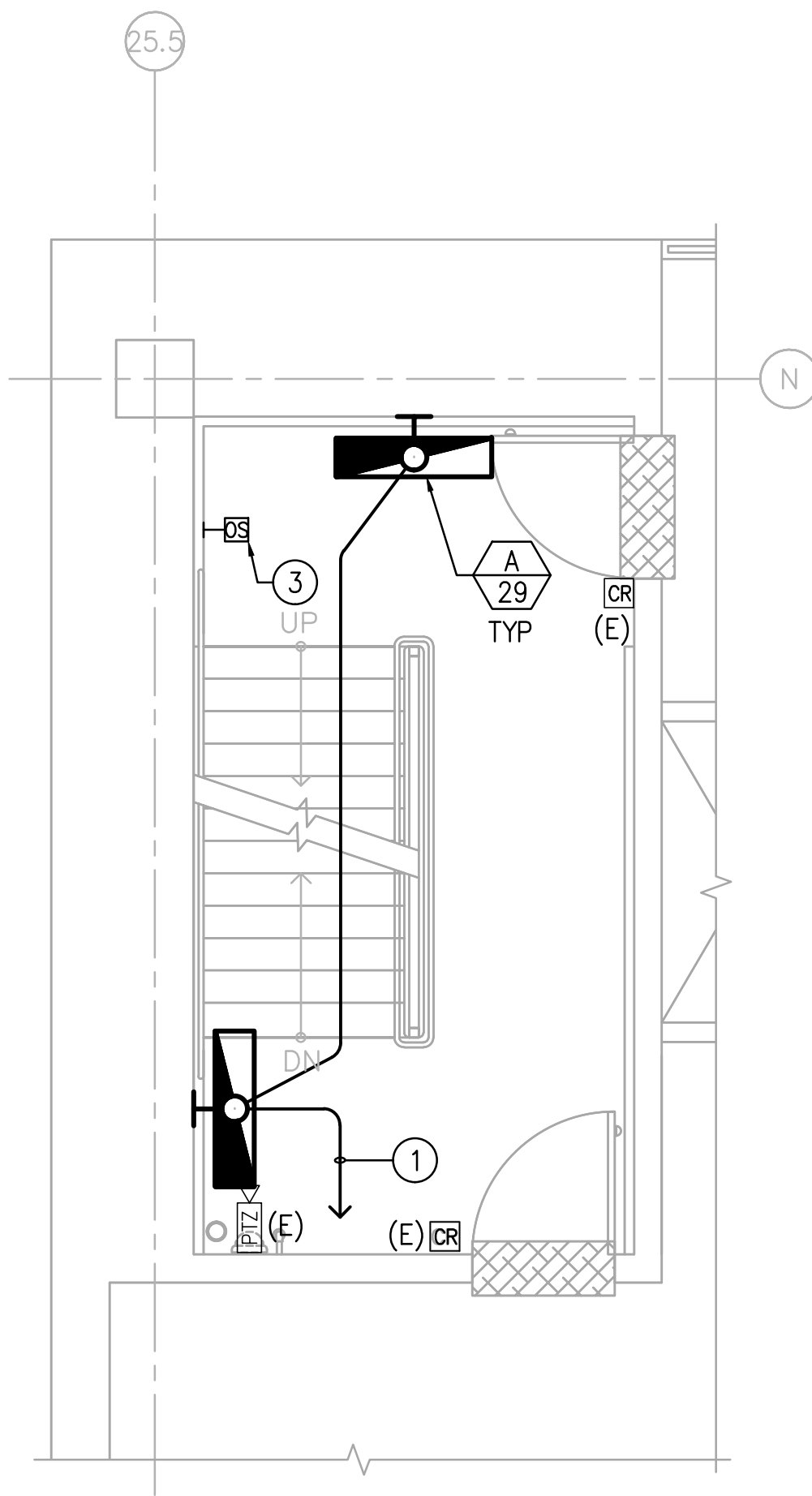
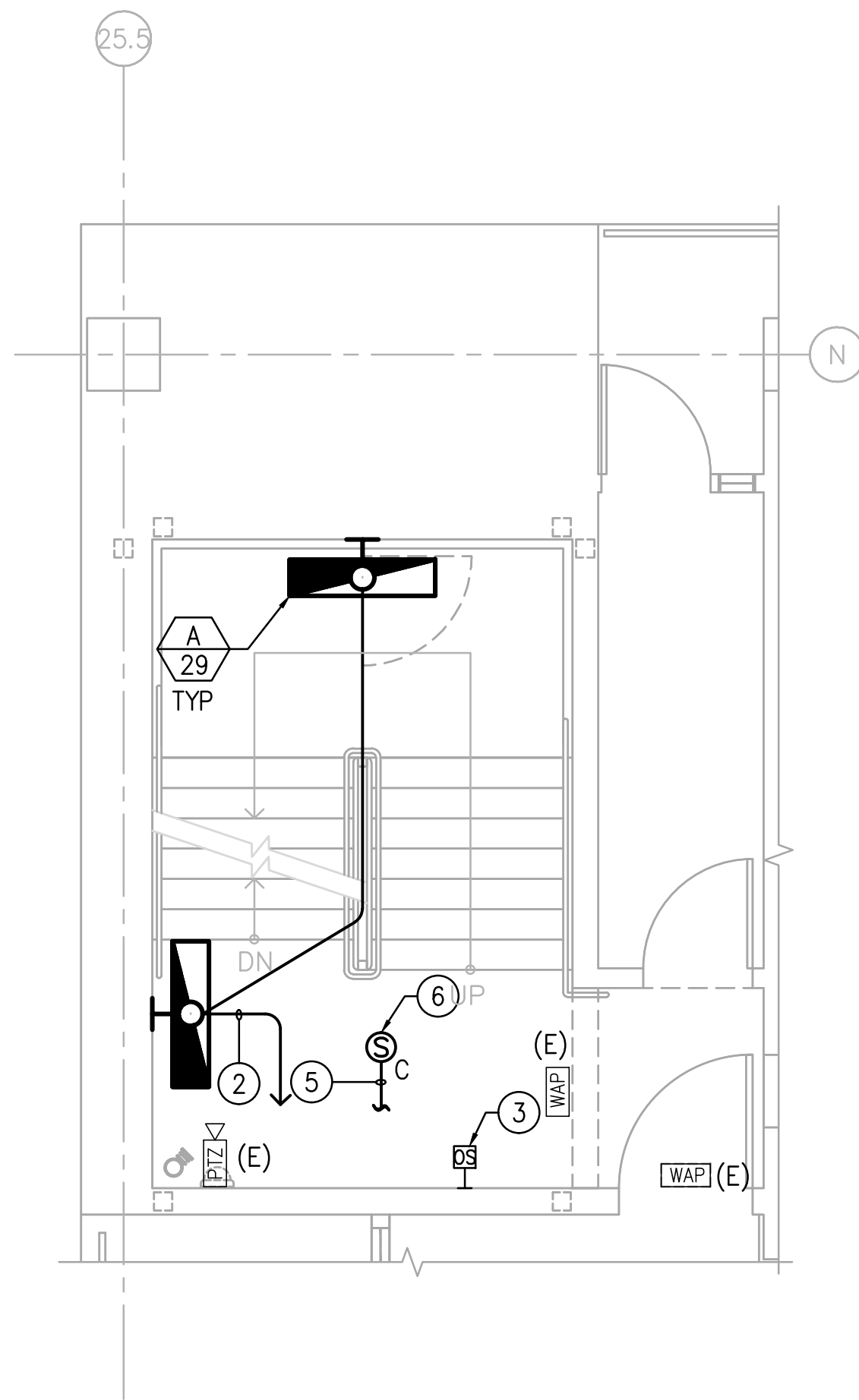
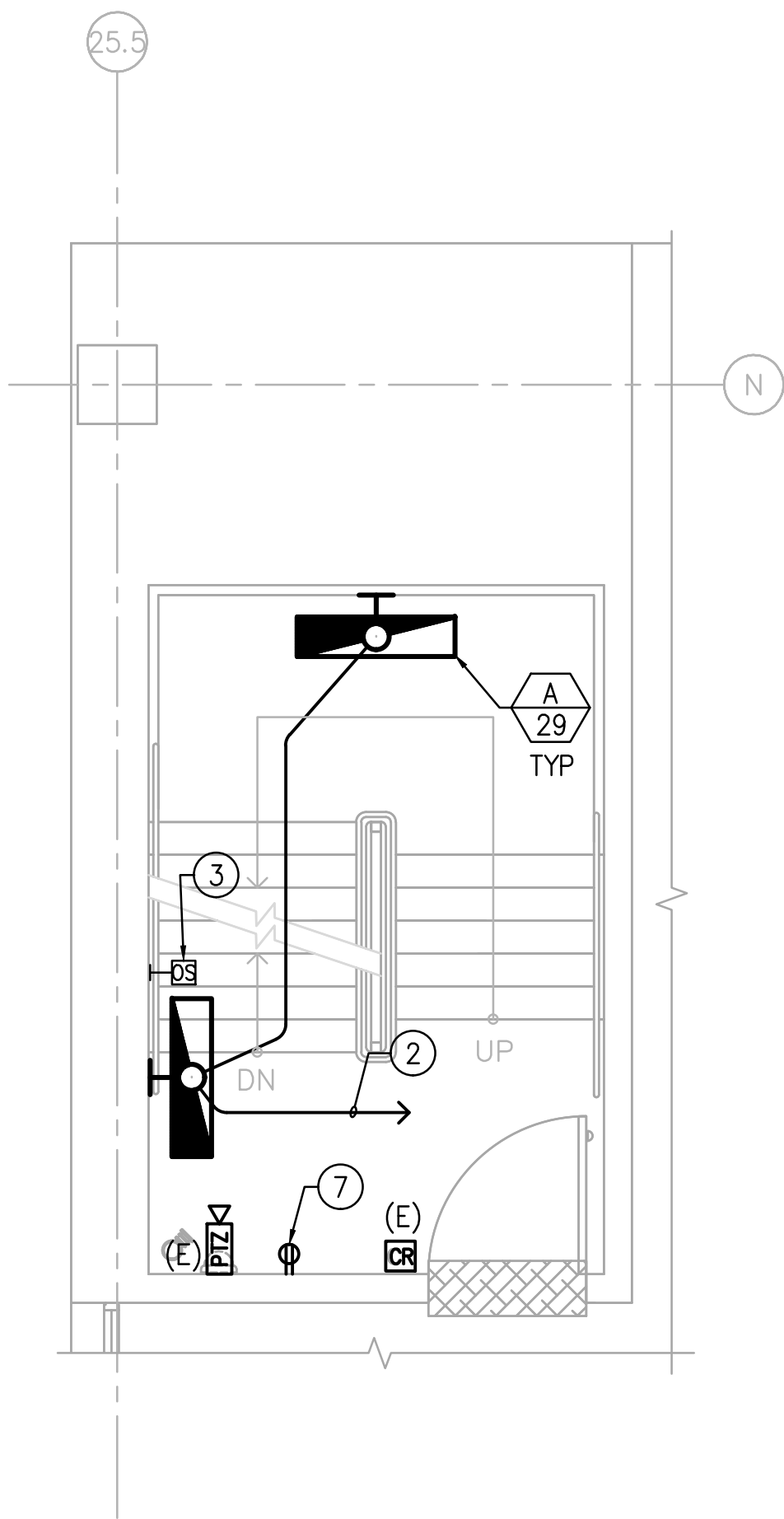
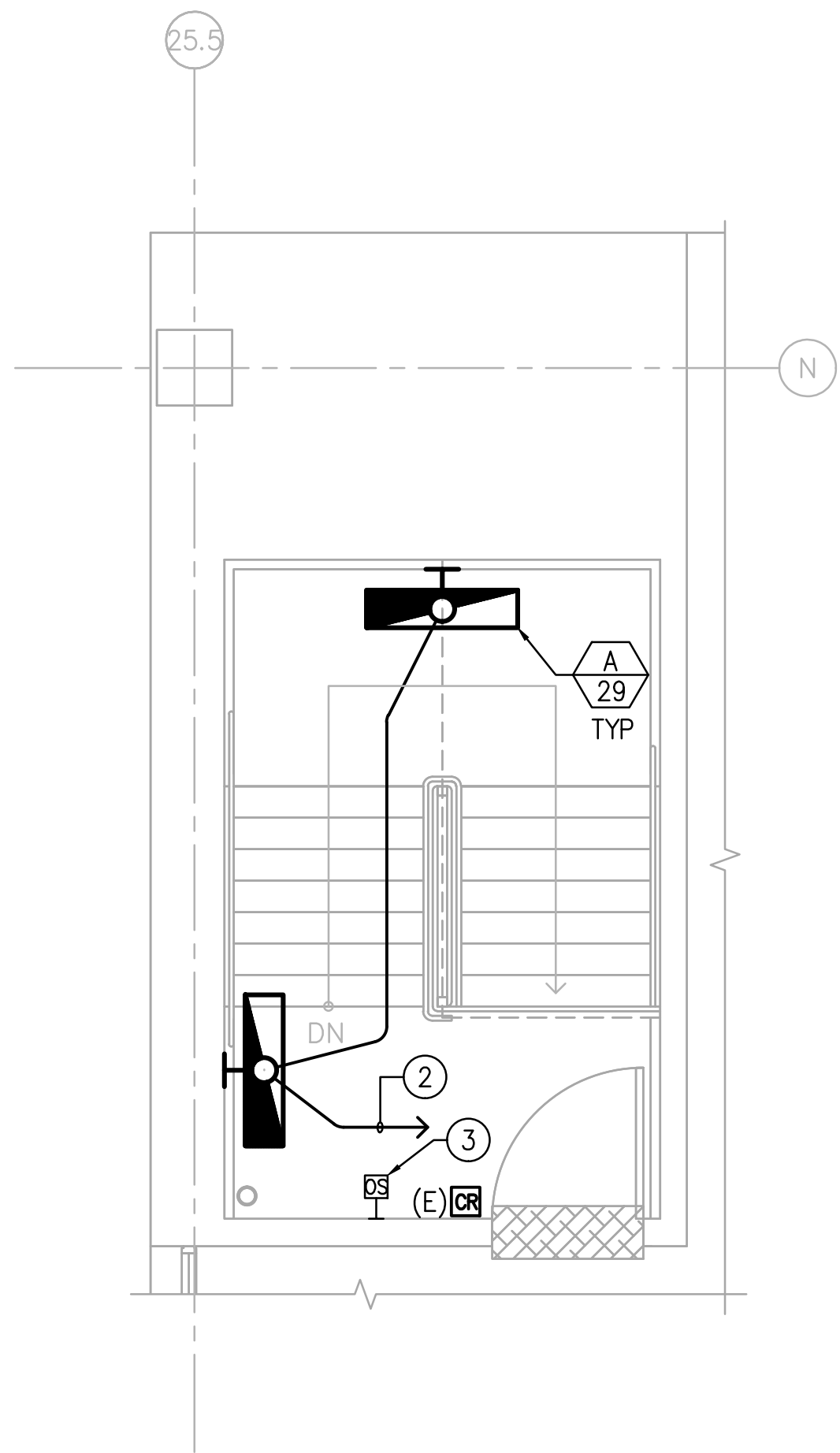


**KEY PLAN**

**TTG**  
TAYLOR & GAINES  
16935 West Bernardo Drive, Suite 100  
San Diego, CA 92127  
Phone: 858.271.9808 Fax: 858.271.9932  
www.ttgcpr.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.7)		
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. ED103
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 21 OF 25
CHIEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE	CHIEF OF STAFF	
ASST. HOSP. DIRECTOR	HOSPITAL DIRECTOR	



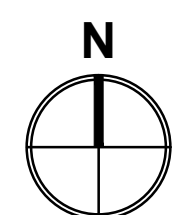
**BASEMENT FLOOR  
STAIR PLAN  
STAIR NO.1**

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



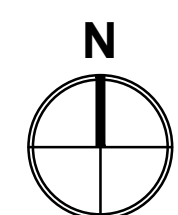
**4th FLOOR PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.1**

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



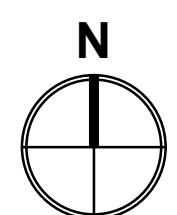
**TYPICAL PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.1 (2nd & 3rd)**

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



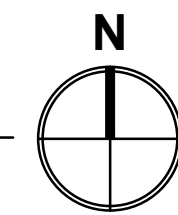
**TYPICAL FLOOR  
STAIR PLAN  
STAIR NO.1 (2nd, 3rd & 4th)**

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



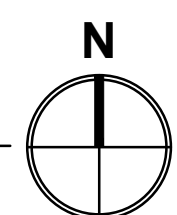
**1st FLR. STAIR PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.1**

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



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

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



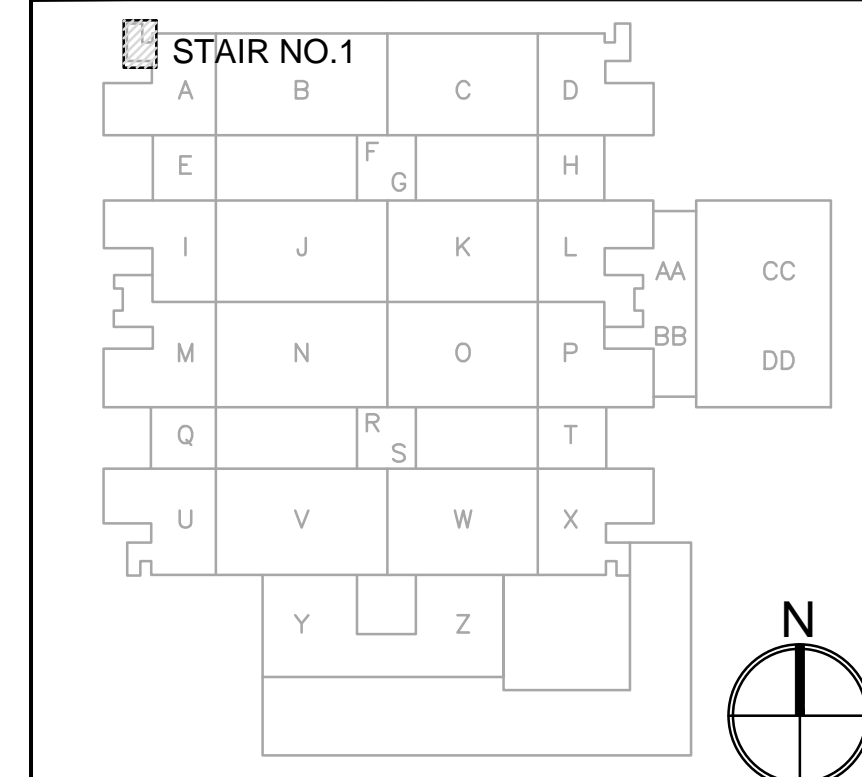
**KEY NOTES**

- CONNECT TO SPARE EMERGENCY LIGHTING CIRCUIT 4EA1-2 LOCATED IN SERVICE BAY SB01-1 FOR LIGHT FIXTURES IN THIS STAIRWELL AREA. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH OTHER ON GOING PROJECTS AT THIS FACILITY FOR CIRCUIT AVAILABILITY IN PANEL 4EA1. CONNECT TO OTHER SPARE PANEL 4EA1 CIRCUIT IF CIRCUIT 4EA1-2 IS USED. ROUTE CONDUIT THROUGH INTERSTITIAL SPACE. EXISTING CONDUIT OF LIGHT FIXTURES AT STAIRWELL MAY BE REUSED. NEW CONDUIT IN STAIRWELL SHALL BE CONCEALED.
- PROVIDE NEW 20A/1P CIRCUIT BREAKER IN LIFE SAFETY PANEL 4EA2, 4EA3 AND 4EA4 LOCATED IN SB02. NEW CIRCUIT BREAKER AIC RATING TO MATCH PANEL CIRCUIT BREAKER AIC RATING. CONNECT NEW LIGHT FIXTURE TO EMERGENCY LIGHTING CIRCUIT 4EA2-2 LOCATED IN SB01-2 FOR LIGHT FIXTURES ON SECOND FLOOR STAIRWELL; 4EA3-4 LOCATED IN SB01-3 FOR LIGHT FIXTURES ON THIRD FLOOR STAIRWELL; AND 4EA4-6 LOCATED IN SB01-4 FOR LIGHT FIXTURES ON FOURTH FLOOR STAIRWELL AREA. EXISTING CONDUITS IN STAIRWELL MAY BE REUSED. NEW CONDUITS IN STAIRWELL SHALL BE CONCEALED.
- NEW WIRELESS OCCUPANCY SENSOR COMPATIBLE WITH NEW LIGHTING FIXTURES.
- NEW SURFACE WALL MOUNTED MUSIC/PAGING SPEAKER. CONNECT TO NEAREST EXISTING PAGING CIRCUIT. SERVICING EXISTING PAGING SPEAKER IN THIS AREA. NEW SPEAKER SHALL MATCH EXISTING SPEAKER SYSTEM FOR SYSTEM COMPATIBILITY.
- 3/4" C WITH SPEAKER CABLE. PROVIDE WIRING PER MANUFACTURER'S RECOMMENDATION.
- HARD-LID CEILING MOUNTED MUSIC/PAGING SPEAKER. CONNECT TO NEAREST EXISTING PAGING CIRCUIT AT SERVICE BAY. NEW SPEAKER SHALL MATCH EXISTING SPEAKER FOR SYSTEM COMPATIBILITY.
- NEW RECEPTACLE OUTLET. CONNECT NEW RECEPTACLE OUTLET TO EXISTING CIRCUIT FEEDING RECEPTACLE AT THIS STAIRWELL. PROVIDE NEW STAINLESS STEEL COVER PLATE.
- PROPOSED LOCATION OF RELOCATED EXISTING PTZ CAMERA. PROPOSED LOCATION OF PTZ CAMERA SHALL BE REVIEWED, VERIFIED AND APPROVED BY VA SECURITY FOR COVERAGE EFFECTIVENESS. PROVIDE NEW VIDEO CABLING AND CONDUIT AS REQUIRED. RECONNECT TO EXISTING SECURITY SYSTEM AS REQUIRED. TYPICAL FOR DEVICE WITH "ER" INDICATED.

**GENERAL NOTES**

- ALL ELECTRICAL DEVICES (LIGHTING) AND WIRING SHOWN ARE NEW AND TO BE PROVIDED BY CONTRACTOR UNLESS OTHERWISE NOTED.
- EXISTING WIRELESS ACCESS POINT (WAP) EQUIPMENT FOR COMMUNICATION SYSTEM TO BE DISCONNECTED, PROTECTED, REPAIRED, ADJUSTED AND CLEANED FOR NEW LAYOUT.
- EXISTING CLOSED CIRCUIT CAMERA SYSTEM TO BE PROTECTED REPAIRED, ADJUSTED AND CLEANED FOR NEW LAYOUT.
- CONTRACTOR SHALL VERIFY LOAD BY METERING THE EXISTING CIRCUIT BEFORE ADDING NEW LIGHTING FIXTURES TO THE CIRCUIT. NOTIFY THE ENGINEER SHOULD ANY OVERLOAD CONDITIONS MAY OCCUR DUE TO ADDITIONAL LOAD.
- ALL MUSIC AND PAGING SYSTEM (SPEAKERS AND WIRING) SHOWN ON DRAWING E101, E102 AND E103 SHALL BE AN EXTENSION OF THE EXISTING SUPERMICRO SUPER SERVER 5017-LF PAGING SYSTEM FROM THE SERVICE BAY AREA. COORDINATE WITH VA REPRESENTATIVE AND CONTRACTOR SHALL PROVIDE COMPLETE AND FULLY FUNCTIONAL PAGING SYSTEM WITH STAND-ALONE PIPED MUSIC IN STAIRWELLS. THIS PORTION OF WORK SHALL BE DESIGN BUILD "TURN KEY" FULLY FUNCTIONAL INSTALLATION. CONTRACTOR SHALL EMPLOY A MANUFACTURER AUTHORIZED AND CERTIFIED INSTALLER. CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS PER VA PA SYSTEM REQUIREMENTS AND SPECIFICATIONS PRIOR TO INSTALLATION. THE FACILITY SYSTEM MAINTENANCE AND PREFERRED CONTRACTOR IS APPLE VALLEY COMMUNICATIONS. CONTACT PERSON: JEFF MAREK TEL # (760) 247-2668.
- CONDUIT SHALL BE INSTALLED CONCEALED IN THE CEILING SPACE, CONCEALED IN WALLS, OR BELOW SLAB ON GRADE U.O.N. CONTRACTOR SHALL COORDINATE WITH STRUCTURAL WHEN INSTALLING CONDUIT ON FLOOR SLAB.
- EXISTING CONDUIT MAY BE REUSED IF ADEQUATELY SIZED, BUT IN NO CASE SHALL ANY EXISTING CONDUCTORS BE REUSED. CONTRACTOR TO VERIFY THE EXISTING CONDITION OF CONDUIT AND JBOX PRIOR TO INSTALLATION. NOTIFY VA REPRESENTATIVE FOR ANY DAMAGED AND/OR DEEMED UNUSABLE AND REPLACE WITH NEW AS REQUIRED. CONTRACTOR TO PROVIDE NEW JBOX AND EXTEND CONDUIT TO NEW LIGHT FIXTURE LOCATION AS NEEDED.
- COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS AS WELL AS FINAL DRAWINGS FROM THE OTHER TRADES RELATED TO THIS WORK PRIOR TO ROUGH-IN TO AVOID CONFLICTS DURING INSTALLATION.
- PROVIDE LIGHTING FIXTURES OF TYPES INDICATED IN THE FIXTURE SCHEDULE. ALL LAMPS SHALL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL INCLUDE IN BASE BID ALL LABOR AND MATERIAL REQUIRED TO INSTALL ALL LIGHTING FIXTURES AND SWITCHING INDICATED ON THE DRAWINGS.
- ALL WORK SHALL CONFORM TO BUILDING STANDARDS.
- ALL LIGHTING FIXTURES SHALL BE LISTED BY AN ORGANIZATION ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
- EMERGENCY LIGHTS TEST BUTTON SHALL BE LOCATED ON THE OUTSIDE OF LIGHT FIXTURE, ADJACENT TO THE SIDE OF LIGHT FIXTURE.

6. ALL CONDUIT SHALL BE INSTALLED IN UNLESS OTHERWISE NOTED.



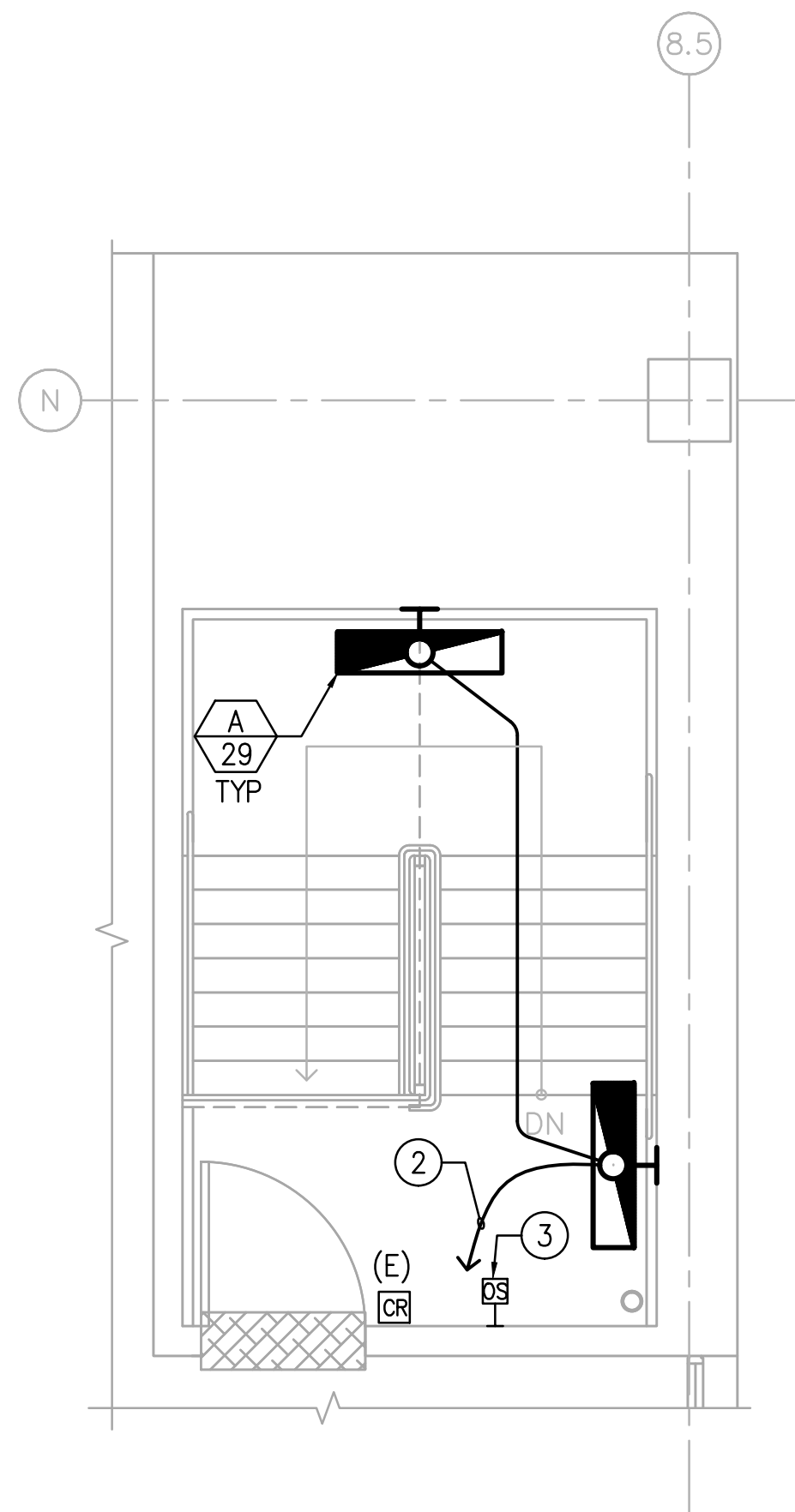
**KEY PLAN**

**TTG**  
CONCEALED MANNER  
16606 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  
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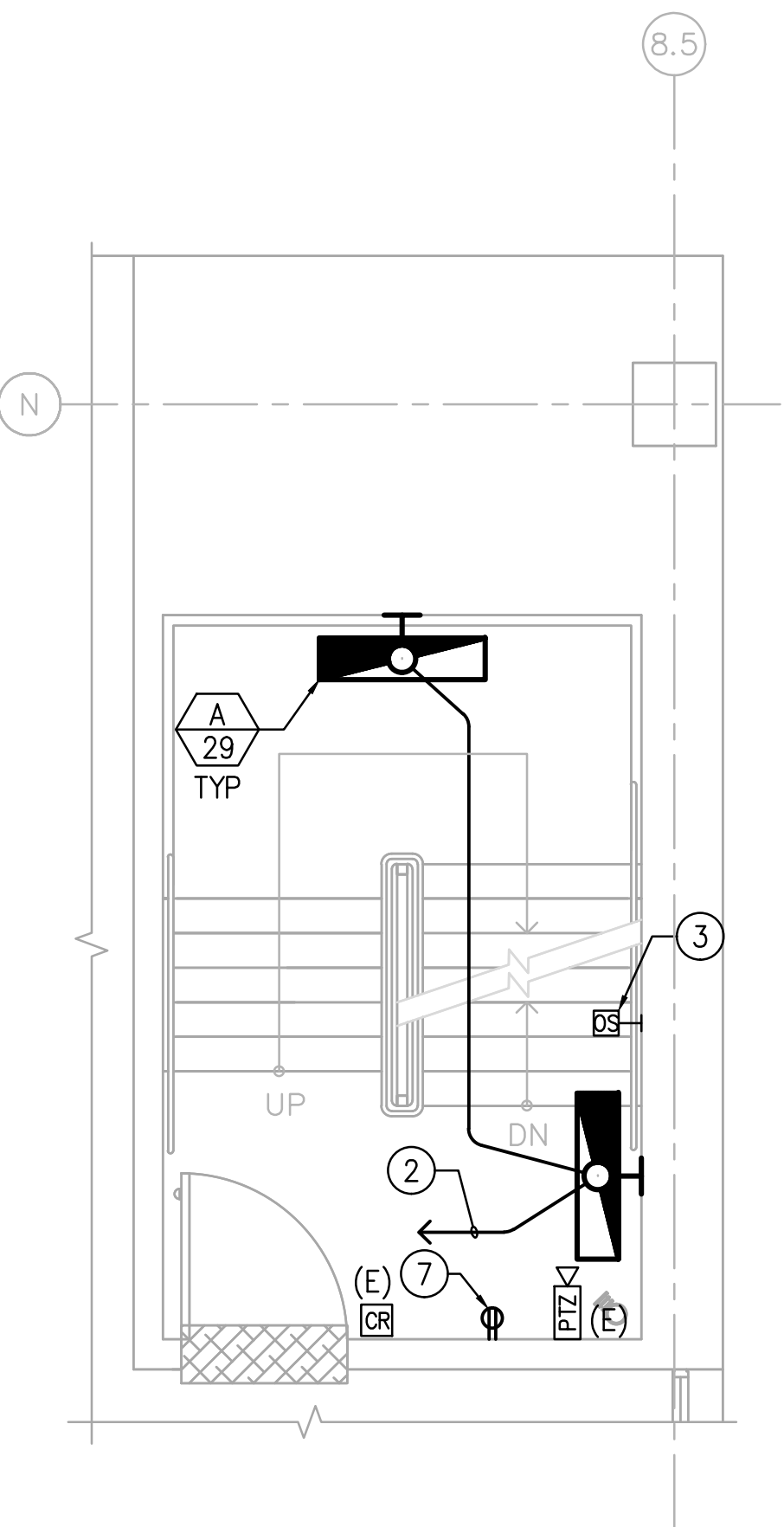
REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
No. 15-1445  
Exp. 12/31/2015

NO.	DATE	DESCRIPTION
PROJECT TITLE: DESIGN RENOVATION OF THREE STAIRWELLS		
SHEET TITLE: STAIR PLANS (STAIR NO.1)		
JERRY L. PETTIS MEMORIAL VETERANS MEDICAL CENTER		
11201 BENTON STREET LOMA LINDA, CALIFORNIA 92357		
DRAWN: ML	CHIEF ENGINEERING	SCALE: 1/4"=1'-0"
CHECKED: ML/ML	DATE: 07-21-2015	DRAWING NO. E101
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 22 OF 25
CHIEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE	CHIEF OF STAFF	
ASST. HOSP. DIRECTOR	HOSPITAL DIRECTOR	



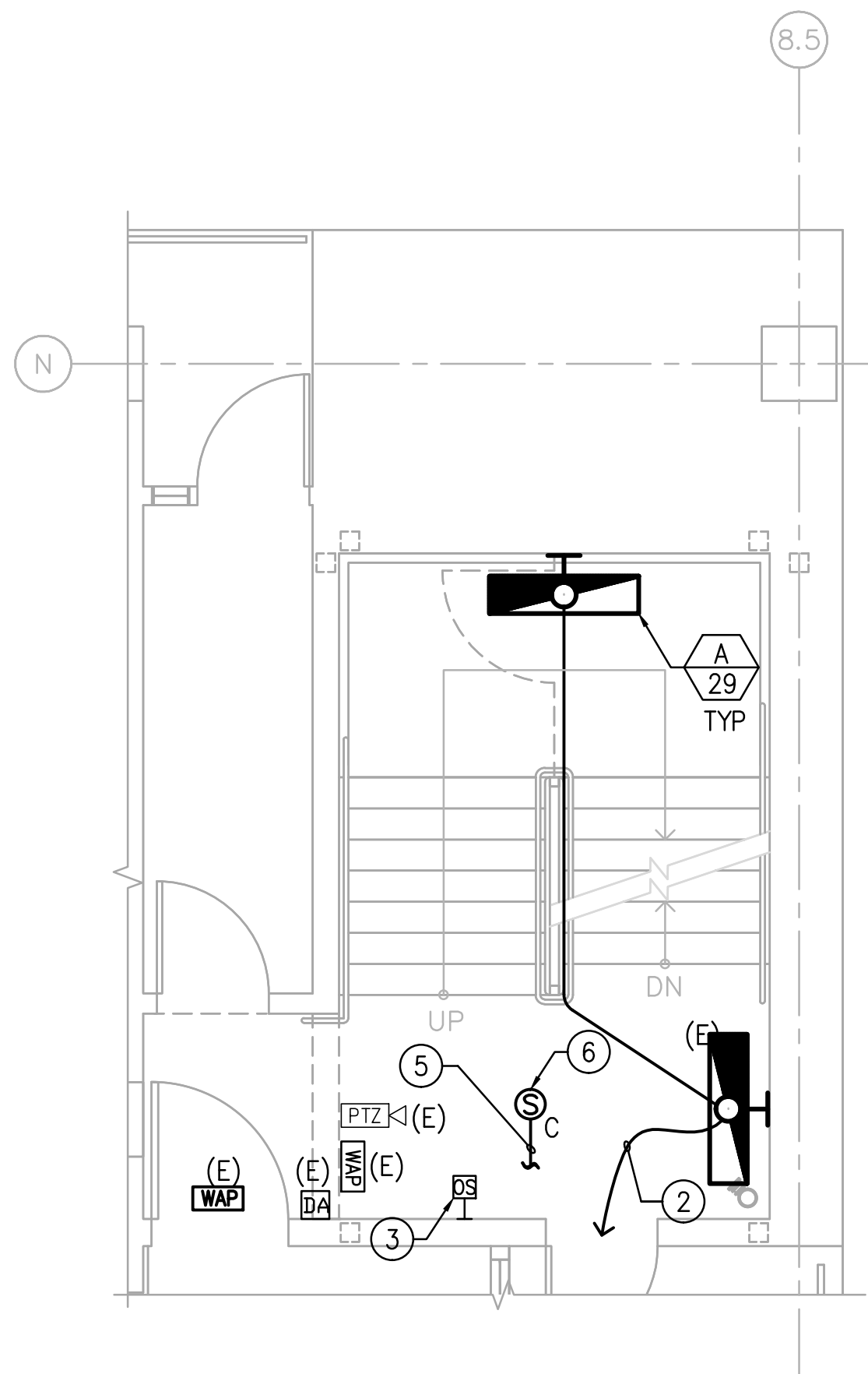
4th FLOOR PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.2

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



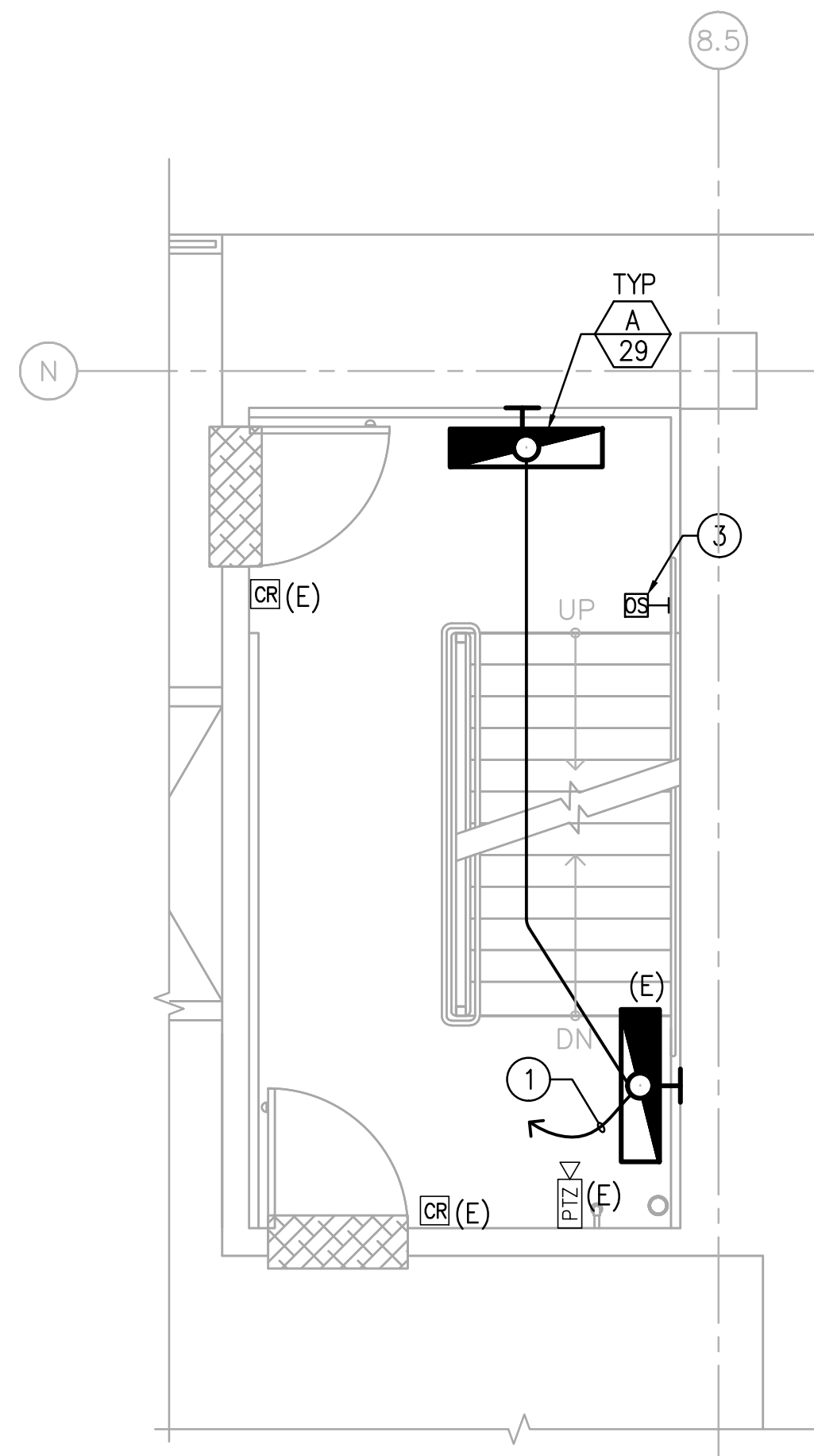
TYPICAL PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.2 (2nd & 3rd)

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



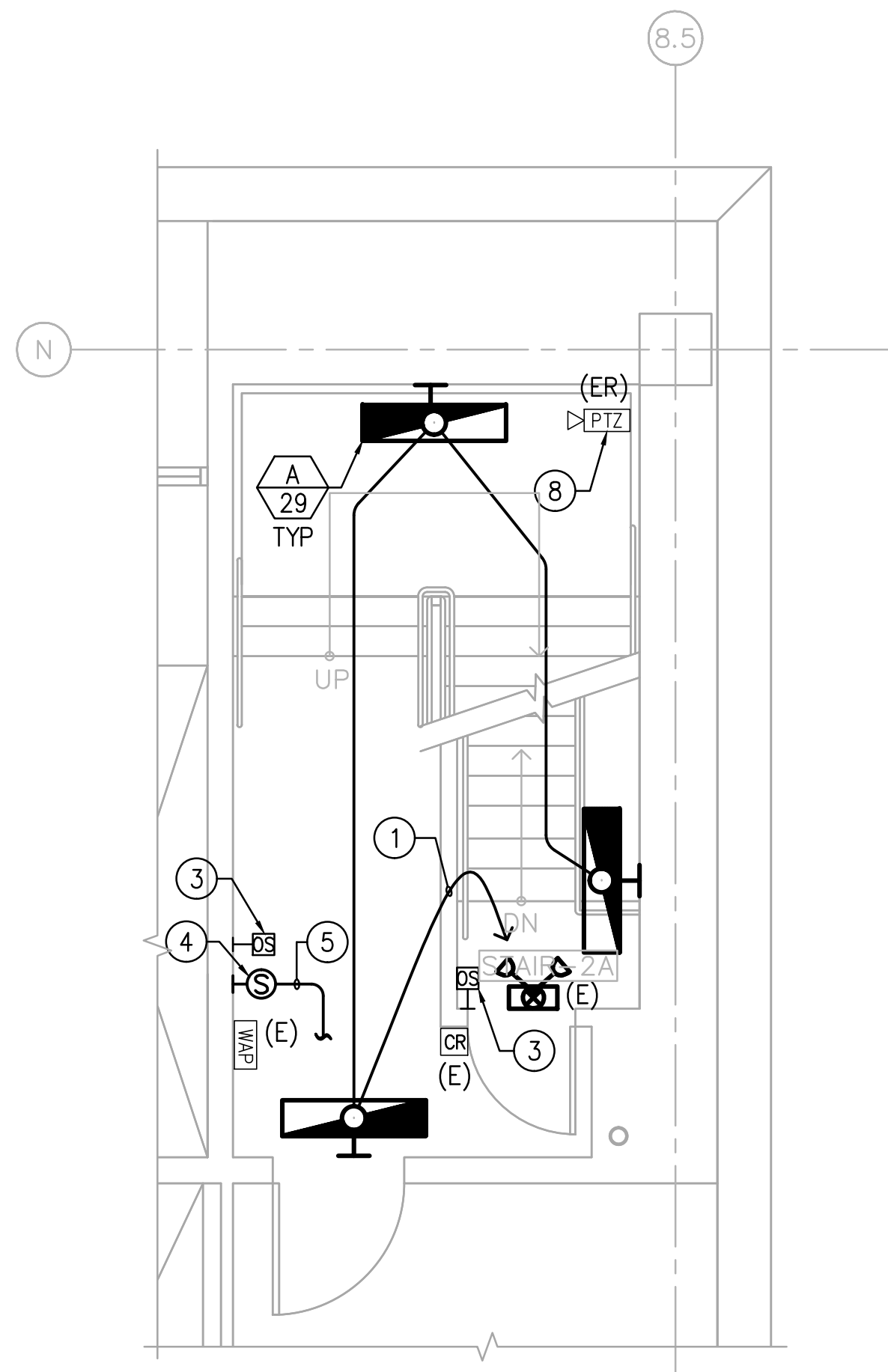
TYPICAL FLOOR  
STAIR PLAN  
STAIR NO.2 (2nd, 3rd & 4th)

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



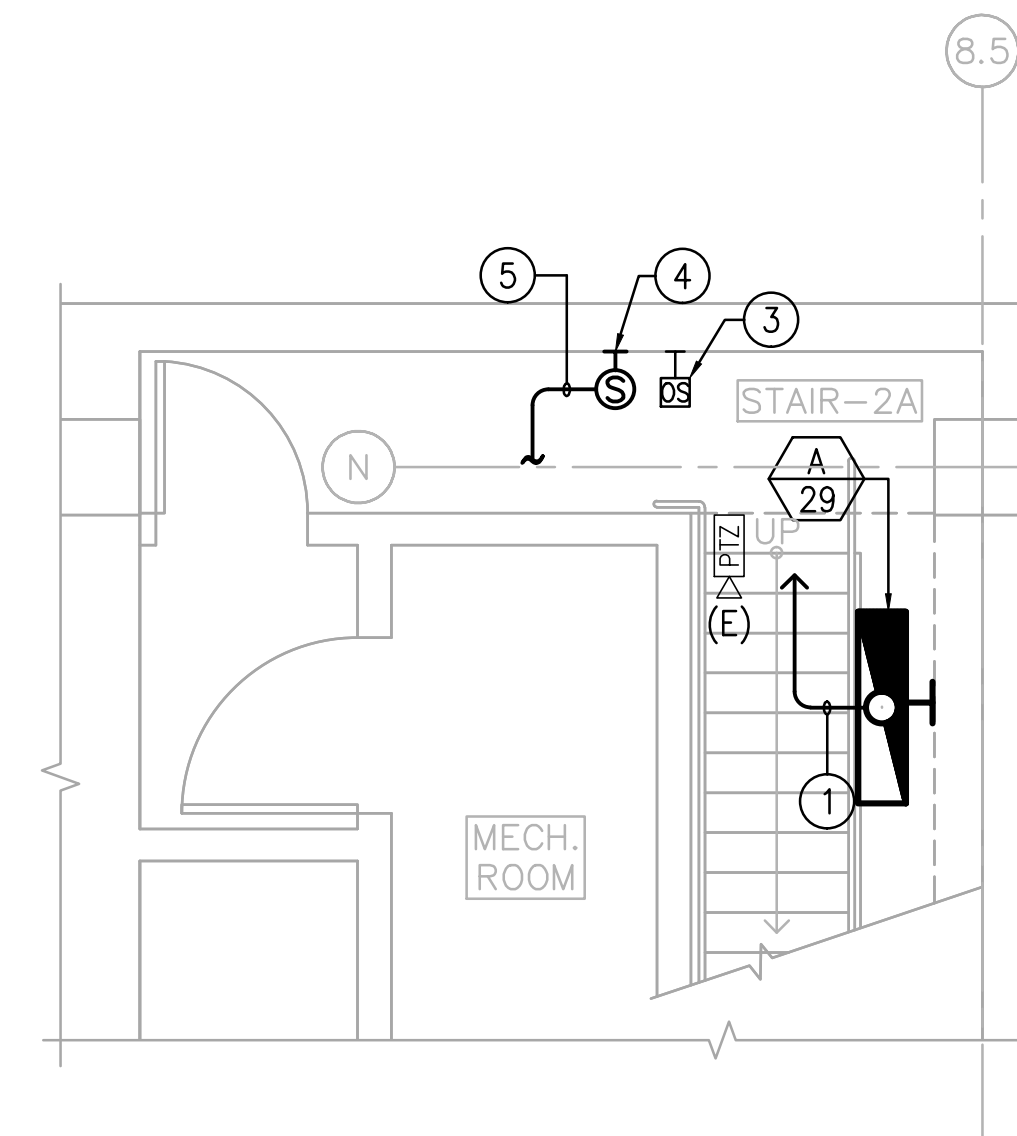
1st FLR. STAIR PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.2

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



1st FLOOR  
STAIR PLAN  
STAIR NO.2

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



BASEMENT FLOOR  
STAIR PLAN  
STAIR NO.2

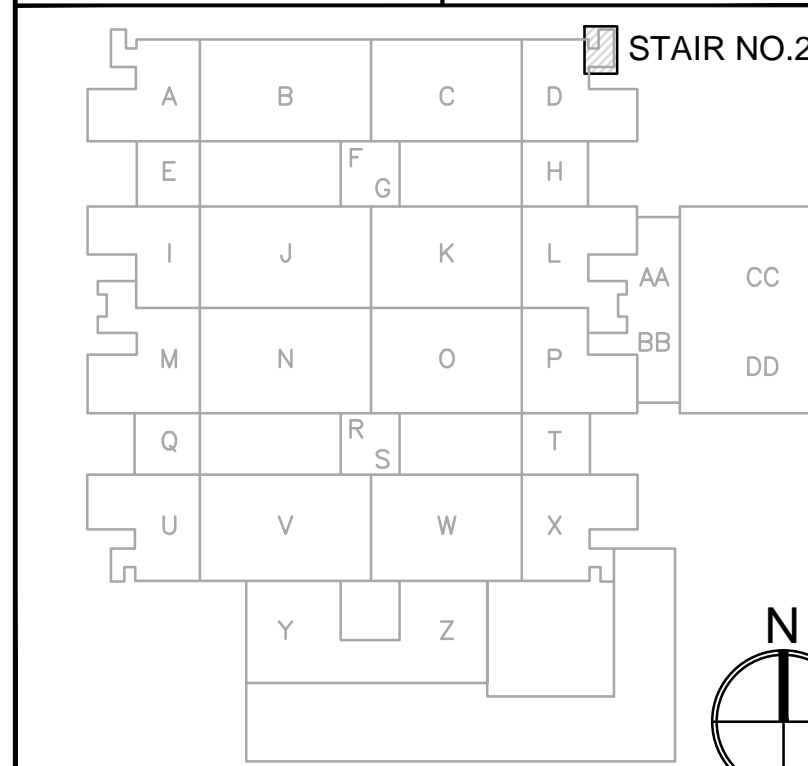
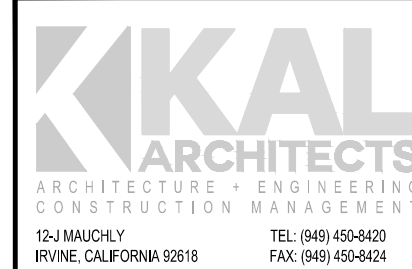
1 SCALE: 1/4" = 1'-0"

KEY NOTES

- CONNECT TO SPARE EMERGENCY LIGHTING CIRCUIT 4ED1-2 LOCATED IN SERVICE BAY SB02-1 FOR LIGHT FIXTURES IN THIS STAIRWELL AREA. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH OTHER ON GOING PROJECTS AT THIS FACILITY FOR CIRCUIT AVAILABILITY IN PANEL 4EA1. CONNECT TO OTHER SPARE PANEL 4EA1 CIRCUIT IF CIRCUIT 4EA1-2 IS USED. ROUTE CONDUIT THROUGH INTERSTITIAL SPACE. EXISTING CONDUIT OF LIGHT FIXTURES AT STAIRWELL MAY BE REUSED. NEW CONDUIT IN STAIRWELL SHALL BE CONCEALED.
- CONNECT TO SPARE EMERGENCY LIGHTING CIRCUIT 4ED2-2 LOCATED IN SB02-2 FOR LIGHT FIXTURES ON SECOND FLOOR STAIRWELL; 4ED3-4 LOCATED IN SB02-3 FOR LIGHT FIXTURES ON THIRD FLOOR STAIRWELL; AND 4ED4-6 LOCATED IN SB02-4 FOR LIGHT FIXTURES ON FOURTH FLOOR STAIRWELL AREA. EXISTING CONDUITS IN STAIRWELL MAY BE REUSED. NEW CONDUITS IN STAIRWELL SHALL BE CONCEALED.
- NEW WIRELESS OCCUPANCY SENSOR COMPATIBLE WITH NEW LIGHTING FIXTURES.
- NEW SURFACE WALL MOUNTED MUSIC/PAGING SPEAKER. CONNECT TO NEAREST EXISTING PAGING CIRCUIT AT SERVICE BAY. NEW SPEAKER SHALL MATCH EXISTING SPEAKER SYSTEM FOR SYSTEM COMPATIBILITY.
- 3/4" C WITH SPEAKER CABLE. PROVIDE WIRING PER MANUFACTURER'S RECOMMENDATION.
- HARD-LID CEILING MOUNTED MUSIC/PAGING SPEAKER. CONNECT TO NEAREST EXISTING PAGING CIRCUIT AT SERVICE BAY. NEW SPEAKER SHALL MATCH EXISTING SPEAKER FOR SYSTEM COMPATIBILITY.
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GENERAL NOTES

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- EXISTING WIRELESS ACCESS POINT (WAP) EQUIPMENT FOR COMMUNICATION SYSTEM TO BE DISCONNECTED, PROTECTED, REPAIRED, ADJUSTED AND CLEANED FOR NEW LAYOUT.
- EXISTING CLOSED CIRCUIT CAMERA SYSTEM TO BE PROTECTED REPAIRED, ADJUSTED AND CLEANED FOR NEW LAYOUT.
- CONTRACTOR SHALL VERIFY LOAD BY METERING THE EXISTING CIRCUIT BEFORE ADDING NEW LIGHTING FIXTURES TO THE CIRCUIT. NOTIFY THE ENGINEER SHOULD ANY OVERLOAD CONDITIONS MAY OCCUR DUE TO ADDITIONAL LOAD.
- ALL MUSIC AND PAGING SYSTEM (SPEAKERS AND WIRING) SHOWN ON DRAWING E101, E102 AND E103 SHALL BE AN EXTENSION OF THE EXISTING SUPERMICRO SUPER SERVER 5017-LF PAGING SYSTEM FROM THE SERVICE BAY AREA. COORDINATE WITH VA REPRESENTATIVE AND CONTRACTOR SHALL PROVIDE COMPLETE AND FULLY FUNCTIONAL PAGING SYSTEM WITH STAND-ALONE PIPED MUSIC IN STAIRWELLS. THIS PORTION OF WORK SHALL BE DESIGN BUILD "TURN KEY" FULLY FUNCTIONAL INSTALLATION. CONTRACTOR SHALL EMPLOY A MANUFACTURER AUTHORIZED AND CERTIFIED INSTALLER. CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS PER VA PA SYSTEM REQUIREMENTS AND SPECIFICATIONS PRIOR TO INSTALLATION. THE FACILITY SYSTEM MAINTENANCE AND PREFERRED CONTRACTOR IS APPLE VALLEY COMMUNICATIONS  
CONTACT PERSON: JEFF MAREK TEL # (760) 247-2668.
- CONDUIT SHALL BE INSTALLED CONCEALED IN THE CEILING SPACE, CONCEALED IN WALLS, OR BELOW SLAB ON GRADE U.O.N. CONTRACTOR SHALL COORDINATE WITH STRUCTURAL WHEN INSTALLING CONDUIT ON FLOOR SLAB.
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- COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS AS WELL AS FINAL DRAWINGS FROM THE OTHER TRADES RELATED TO THIS WORK PRIOR TO ROUGH-IN TO AVOID CONFLICTS DURING INSTALLATION.
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- EMERGENCY LIGHTS TEST BUTTON SHALL BE LOCATED ON THE OUTSIDE OF LIGHT FIXTURE, ADJACENT TO THE SIDE OF LIGHT FIXTURE.



KEY PLAN

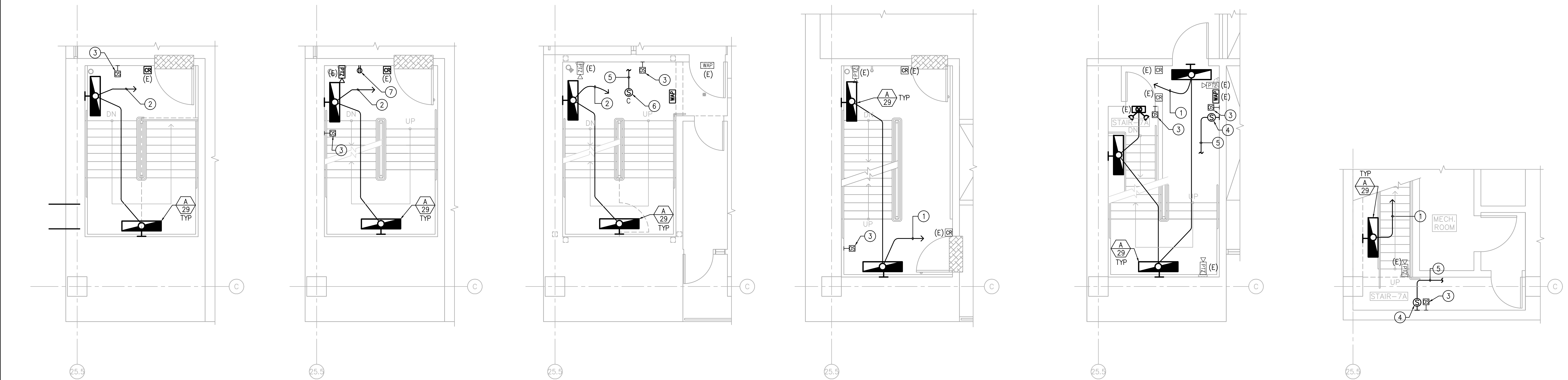
**TTG**  
THOMAS TAYLOR & GAINES  
16935 West Bernardo Drive, Suite 100  
San Diego, CA 92127  
Phone: 858.271.9808 Fax: 858.271.9932  
www.ttgcorp.com Project No. 0214.765.00

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• MECHANICAL  
• ELECTRICAL  
• CIVIL

REGISTERED PROFESSIONAL ENGINEER  
STATE OF CALIFORNIA  
No. 15145  
Exp. 12/31/2015

NO.	DATE	DESCRIPTION
PROJECT TITLE: DESIGN RENOVATION OF THREE STAIRWELLS		
SHEET TITLE: STAIR PLANS (STAIR NO.2)		
JERRY L. PETTIS MEMORIAL VETERANS MEDICAL CENTER		
11201 BENTON STREET LOMA LINDA, CALIFORNIA 92357		
DRAWN: ML	CHIEF ENGINEERING	SCALE: 1/4"=1'-0"
CHECKED: ML/ML	DATE: 07-21-2015	DRAWING NO. E102
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 23 OF 25
CHIEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE		CHIEF OF STAFF
ASST. HOSP. DIRECTOR		HOSPITAL DIRECTOR





6

4th FLOOR PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.7

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

0' 2' 4' 8'

N

5

TYPICAL PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.7 (2nd & 3rd)

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

0' 2' 4' 8'

N

4

TYPICAL FLOOR  
STAIR PLAN  
STAIR NO.7 (2nd, 3rd & 4th)

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

0' 2' 4' 8'

N

3

1st FLR. STAIR PLATFORM LEVEL  
STAIR PLAN  
STAIR NO.7

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

0' 2' 4' 8'

N

2

1st FLOOR  
STAIR PLAN  
STAIR NO.7

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

0' 2' 4' 8'

N

1

BASEMENT FLOOR  
STAIR PLAN  
STAIR NO.7

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

0' 2' 4' 8'

N

KEY NOTES	GENERAL NOTES
<div>1</div> CONNECT TO SPARE EMERGENCY LIGHTING CIRCUIT 4EU1A-2 LOCATED IN SERVICE BAY SB07-1 FOR LIGHT FIXTURES IN THIS STAIRWELL AREA. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE WITH OTHER ON GOING PROJECTS AT THIS FACILITY FOR CIRCUIT AVAILABILITY IN PANEL 4EU1A. CONNECT TO OTHER SPARE PANEL 4EU1A CIRCUIT IF CIRCUIT 4EU1A-2 IS USED. ROUTE CONDUIT THROUGH INTERSTITIAL SPACE. EXISTING CONDUIT OF LIGHT FIXTURES AT STAIRWELL MAY BE REUSED. NEW CONDUIT IN STAIRWELL SHALL BE CONCEALED.	<div>1.</div> ALL ELECTRICAL DEVICES (LIGHTING) AND WIRING SHOWN ARE NEW AND TO BE PROVIDED BY CONTRACTOR UNLESS OTHERWISE NOTED.
<div>2</div> CONNECT TO SPARE EMERGENCY LIGHTING CIRCUIT 4EU2-2 LOCATED IN SB07-2 FOR LIGHT FIXTURES ON SECOND FLOOR STAIRWELL; 4EU3-4 LOCATED IN SB07-3 FOR LIGHT FIXTURES ON THIRD FLOOR STAIRWELL; AND 4EU4-6 LOCATED IN SB07-4 FOR LIGHT FIXTURES ON FOURTH FLOOR STAIRWELL AREA. EXISTING CONDUITS IN STAIRWELL MAY BE REUSED. NEW CONDUITS IN STAIRWELL SHALL BE CONCEALED.	<div>2.</div> EXISTING WIRELESS ACCESS POINT (WAP) EQUIPMENT FOR COMMUNICATION SYSTEM TO BE DISCONNECTED, PROTECTED, REPAIRED, ADJUSTED AND CLEANED FOR NEW LAYOUT.
<div>3</div> NEW WIRELESS OCCUPANCY SENSOR COMPATIBLE WITH NEW LIGHTING FIXTURES.	<div>3.</div> EXISTING CLOSED CIRCUIT CAMERA SYSTEM TO BE PROTECTED REPAIRED, ADJUSTED AND CLEANED FOR NEW LAYOUT.
<div>4</div> NEW SURFACE WALL MOUNTED MUSIC/PAGING SPEAKER. CONNECT TO NEAREST EXISTING PAGING CIRCUIT AT SERVICE BAY. NEW SPEAKER SHALL MATCH EXISTING SPEAKER SYSTEM FOR SYSTEM COMPATIBILITY.	<div>4.</div> CONTRACTOR SHALL VERIFY LOAD BY METERING THE EXISTING CIRCUIT BEFORE ADDING NEW LIGHTING FIXTURES TO THE CIRCUIT. NOTIFY THE ENGINEER SHOULD ANY OVERLOAD CONDITIONS MAY OCCUR DUE TO ADDITIONAL LOAD.
<div>5</div> 3/4" C WITH SPEAKER CABLE. PROVIDE WIRING PER MANUFACTURER'S RECOMMENDATION.	<div>5.</div> ALL MUSIC AND PAGING SYSTEM (SPEAKERS AND WIRING) SHOWN ON DRAWING E101, E102 AND E103 SHALL BE AN EXTENSION OF THE EXISTING SUPERMICRO SUPER SERVER 5017-LF PAGING SYSTEM FROM THE SERVICE BAY AREA. COORDINATE WITH VA REPRESENTATIVE AND CONTRACTOR SHALL PROVIDE COMPLETE AND FULLY FUNCTIONAL PAGING SYSTEM WITH STAND-ALONE PIPED MUSIC IN STAIRWELLS. THIS PORTION OF WORK SHALL BE DESIGN BUILD "TURN KEY" FULLY FUNCTIONAL INSTALLATION. CONTRACTOR SHALL EMPLOY A MANUFACTURER AUTHORIZED AND CERTIFIED INSTALLER. CONTRACTOR SHALL PROVIDE COMPLETE SHOP DRAWINGS PER VA PA SYSTEM REQUIREMENTS AND SPECIFICATIONS PRIOR TO INSTALLATION. THE FACILITY SYSTEM MAINTENANCE AND PREFERRED CONTRACTOR IS APPLE VALLEY COMMUNICATIONS CONTACT PERSON: JEFF MAREK TEL # (760) 247-2668.
<div>6</div> HARD-UD CEILING MOUNTED MUSIC/PAGING SPEAKER. CONNECT TO NEAREST EXISTING PAGING CIRCUIT AT SERVICE BAY. NEW SPEAKER SHALL MATCH EXISTING SPEAKER FOR SYSTEM COMPATIBILITY.	<div>6.</div> CONDUIT SHALL BE INSTALLED CONCEALED IN THE CEILING SPACE, CONCEALED IN WALLS, OR BELOW SLAB ON GRADE U.O.N. CONTRACTOR SHALL COORDINATE WITH STRUCTURAL WHEN INSTALLING CONDUIT ON FLOOR SLAB.
<div>7</div> NEW RECEPTACLE OUTLET. CONNECT NEW RECEPTACLE OUTLET TO EXISTING CIRCUIT FEEDING RECEPTACLE AT THIS STAIRWELL. PROVIDE NEW STAINLESS STEEL COVER PLATE.	<div>7.</div> EXISTING CONDUIT MAY BE REUSED IF ADEQUATELY SIZED, BUT IN NO CASE SHALL ANY EXISTING CONDUCTORS BE REUSED. CONTRACTOR TO VERIFY THE EXISTING CONDITION OF CONDUIT AND JBOX PRIOR TO INSTALLATION. NOTIFY VA REPRESENTATIVE FOR ANY DAMAGED AND/OR DEEMED UNUSABLE AND REPLACE WITH NEW AS REQUIRED. CONTRACTOR TO PROVIDE NEW JBOX AND EXTEND CONDUIT TO NEW LIGHT FIXTURE LOCATION AS NEEDED.
	<div>8.</div> COORDINATE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHTING FIXTURES WITH ARCHITECTURAL DRAWINGS AS WELL AS FINAL DRAWINGS FROM THE OTHER TRADES RELATED TO THIS WORK PRIOR TO ROUGH-IN TO AVOID CONFLICTS DURING INSTALLATION.
	<div>9.</div> PROVIDE LIGHTING FIXTURES OF TYPES INDICATED IN THE FIXTURE SCHEDULE. ALL LAMPS SHALL BE PROVIDED BY THE CONTRACTOR. CONTRACTOR SHALL INCLUDE IN BASE BID ALL LABOR AND MATERIAL REQUIRED TO INSTALL ALL LIGHTING FIXTURES AND SWITCHING INDICATED ON THE DRAWINGS.
	<div>10.</div> ALL WORK SHALL CONFORM TO BUILDING STANDARDS.
	<div>11.</div> ALL LIGHTING FIXTURES SHALL BE LISTED BY AN ORGANIZATION ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION.
	<div>12.</div> EMERGENCY LIGHTS TEST BUTTON SHALL BE LOCATED ON THE OUTSIDE OF LIGHT FIXTURE. LOCATE THE BUTTON ADJACENT TO THE SIDE OF LIGHT FIXTURE.

KKAL

ARCHITECTS

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STAIR NO.7

KEY PLAN

TTG

TWAD 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

NO.

DATE

DESCRIPTION


PROJECT TITLE: DESIGN RENOVATION OF THREE STAIRWELLS

SHEET TITLE: STAIR PLANS (STAIR NO.7)

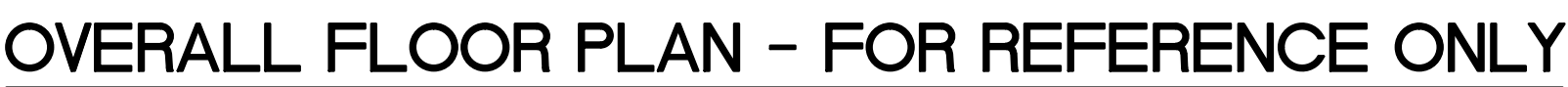
JERRY L. PETTIS MEMORIAL  
VETERANS MEDICAL CENTER

11201 BENTON STREET  
LOMA LINDA, CALIFORNIA 92357

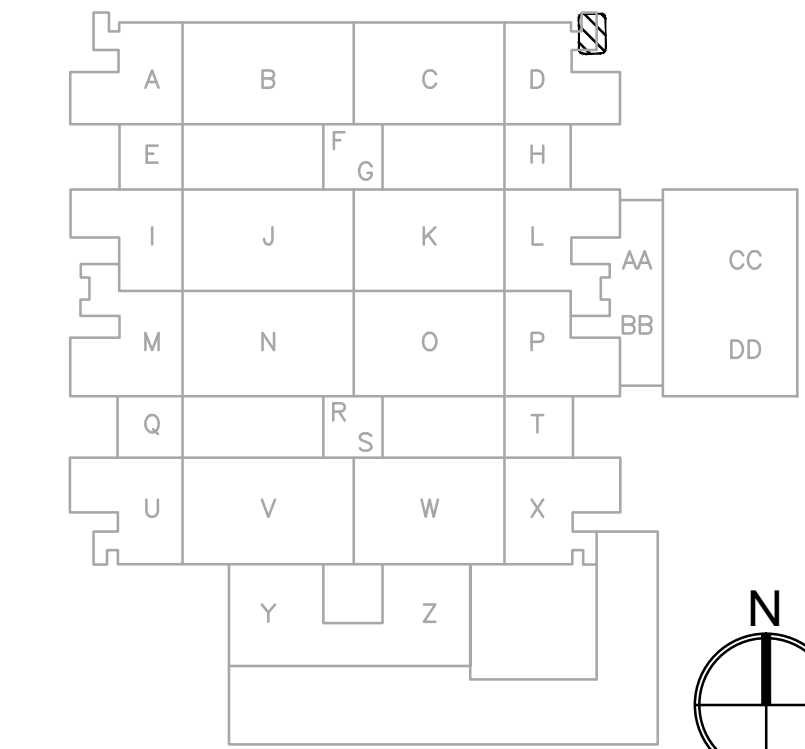
DRAWN: ML	CHIEF ENGINEERING	SCALE: 1/4"=1'-0"
CHECKED: ML/ML	DATE: 07-21-2015	DRAWING NO. E103
CLINICAL ENGINEER	SAFETY ENGINEER	SHEET NO. DWG. 24 OF 25
CHIEF OF SECTION	ENERGY COORDINATOR	PROJECT NO. 605-14-622
CHIEF OF SERVICE	CHIEF OF STAFF	
ASST. HOSP. DIRECTOR	HOSPITAL DIRECTOR	

• STRUCTURAL  
• MECHANICAL  
• ELECTRICAL  
• CIVIL

FINAL SUBMITTAL



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## KEY PLAN

**FINAL SUBMITTAL**