TCMC EMERGENCY DEPARTMENT

TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE
CALIFORNIA 92056

100% CONSTRUCTION DOCUMENTS 8/6/2021

△ DELTA 1 OSHPD COMMENTS 11/5/21

△ DELTA 2 DESIGN CHANGES 11/5/21

△ DELTA 3 HCAI COMMENTS 1/5/22

△ DELTA 4 DESIGN CHANGES 1/7/22

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STRUCTURAL:
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MEP:
P2S ENGINEERING
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INTERIOR DESIGNER:
ISLEY DESIGN AND PLANNING
1982 Palomar Avenue, Suite 100
Carlsbad, CA 92008
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OSHPD PROJECT NUMBER: S211516-37-00
ALL EXIT DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT USE OF A KEY OR ANY SPECIAL TOOLS.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF OPM AND FURNISH THE ARCHITECT.

OSHPD FIELD STAFF WILL REVIEW THE INSTALLATION OF THE SUPPORTS AND BRACING SYSTEMS IN ACCORDANCE WITH THE PREPAREDNESS AND RESPONSE REQUIREMENTS STATED IN 36 CFR 970.1303 AND 836.608.

THE SUPPLEMENTARY FRAMING SHALL BE SUBMITTED TO OSHPD AS A CHANGE ORDER.

ENSURE THAT EXITS PROVIDE FREE AND UNOBSTRUCTED EGRESS. PERSONNEL SHALL RECEIVE REINFORCEMENTS TO THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO AVOID DEFORMABILITY PIPING IS USED: PROVISIONS ARE MADE TO INSURE THE INTEGRITY OF THE SUPPORTING STRUCTURE; HANGERS ARE DETAILED TO AVOID DEFORMABILITY.

APPROVAL IN ADDITION TO ALL OTHER LOADS.

ENSURE THAT FIRE ALARM, DETECTION, & SUPPRESSION SYSTEMS ARE NOT IMPAIRED.

THE CONTRACTOR SHALL SUBMIT THE CONTRACT DOCUMENTS TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN ACCORDANCE WITH THE REGULATIONS OF THE RELEVANT AUTHORITY.

ALL DISTRIBUTIONS AND ROUTES OF ELECTRICAL, HYDRAULIC, AND PNEUMATIC SYSTEMS SHALL CONFORM TO ALL LOCAL REQUIREMENTS AND THE AMERICANS WITH DISABILITIES ACT (ADA) 1990.

CVS DURING AND AFTER CONSTRUCTION.

THE CONTRACTOR SHALL SUBMIT THE CONTRACT DOCUMENTS TO THE REGISTERED DESIGN PROFESSIONAL (RDP) IN ACCORDANCE WITH THE REGULATIONS OF THE RELEVANT AUTHORITY.

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EMERGENCY DEPARTMENT BOUNDARY: SMOKE COMPARTMENT - 16,390 SQ. FT. SEE A1-01A FOR ADDITIONAL INFORMATION.
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND APPROPRIATE FINISHES PRIOR TO BEGINNING REMODELING.

2. THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH THE GENERAL ENGINEER.

3. THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT CONTRACTORS TO PROVIDE CORRESPONDING INFORMATION AND WORK IN CONJUNCTION WITH THE REMODELING.

4. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT OTHERWISE SPECIFIED ON THIS SHEET.

5. THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING BUILDING PAPER OR PLASTIC SHIM.

6. REFER TO GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.

7. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED PRIOR TO START OF CONSTRUCTION.

8. REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION IS ONLY INDICATIVE, REFER TO MEP FOR MORE INFORMATION.

9. THE CONTRACTOR SHALL ENSURE THAT ALL EXISTING CONSTRUCTION BE LOCKED AND OTHERWISE SECURED AFTER HOURS.

10. SHADING OR FILLING IN EXISTING CONSTRUCTION TO BE REMOVED OR MODIFIED.

11. DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO DRAWINGS.

12. ELECTRICAL AND STRUCTURAL DRAWINGS.

13. REFER TO RELATED PLANS FOR PORTIONS OF EXISTING CONSTRUCTION.

14. REFER TO DRAWINGS FOR LOCATION OF EXISTING PERMITS.

15. REFER TO DRAWINGS FOR LOCATION OF EXISTING MORTAR.

16. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL LOCATE OPENINGS IN THE EXISTING CONSTRUCTION AT THE LOCATION OF THE MORTAR."
DEMOGRAPHY KEYNOTES:
1. REMOVE EXISTING PARTITION IN ITS ENTIRETY.
2. REMOVE EXISTING DOOR AND DOOR FRAME.
3. EXISTING DOOR AND DOOR FRAME TO REMAIN.
4. REMOVE EXISTING MILLWORK.
5. REMOVE EXISTING WINDOW AND WINDOW FRAME.
6. REMOVE EXISTING CRIBBAGE CURTAIN AND TRACK.
7. REMOVE EXISTING EQUIPMENT.
8. REMOVE EXISTING MEAS. GASES, PATCH EXISTING WALL.
9. REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES.
10. REMOVE EXISTING SHEET ROCK FACE PANEL AND CABINET DOOR PANELS & REPLACE WITH NEW.

DEMOGRAPHY GENERAL NOTES (CONTINUED):
1. CUTOFF EXISTING CONCRETE SLAB TO EXTEND TO NEW SLAB LEVELS. SEE PLUMBING DRAWINGS.
2. REMOVE EXISTING VERTICAL DRAIN PIPE; CAP OFF AT EXISTING SLAB LEVEL AND SHAVE ADDITIONAL PENETRATION TO MATCH EXISTING. SEE PLUMBING DRAWINGS.
3. REMOVE EXISTING BED PANS FLUSH VALVE.
4. REMOVE EXISTING DOORFRAME TO REMAIN IN PLACE. REMOVE DOORS.

DEMOGRAPHY GENERAL NOTES (CONTINUED):
1. REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW PARTITION.
2. REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW PARTITION.
3. REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW PARTITION.
4. REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW PARTITION.
5. REFER TO NEW PLAN AND INTERIOR ELEVATIONS FOR LOCATION OF NEW PARTITION.

DEMOGRAPHY PARTITION LEGEND:

G.5

H.5

WALL TYPE REFERENCE REFER TO SHEET A5-01.

SFC ARCHITECTS

TRI-CITY MEDICAL CENTER

4002 VISTA WAY

OCEANSIDE, CALIFORNIA 92056

DATE: 4/6/2022

CONSULTANT: SFEIR ARCHITECTS

ARCHITECT: TRI-CITY MEDICAL CENTER

ENGINEER: SFEIR ARCHITECTS

TRI-CITY MEDICAL CENTER

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100% CONSTRUCTION DOCUMENTS
GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND CONDITIONS AS INDICATED ON PLAN.)

2. REFER TO THE GENERAL NOTES FOR UNBRACED LENGTH OF STUD

3. REFER TO STRUCT. DETAIL 1/SD1

4. REFER TO STRUCT. DETAIL 4/SD1

5. REFER TO STRUCT. DETAIL 8/S-1

6. REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES

7. ALL STUDS SUPPORTING WALL HUNG CABINETS SHALL BE MIN. 16 GA. STUDS

8. ALL RATED WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT

9. DOOR OPENINGS SHALL BE PROTECTED BY A U.L. LISTED (OR EQUAL) DOOR AND

10. DOOR FRAME. ALL RATED DOORS SHALL BE POSITIVE LATCHING, AUTOMATIC

11. DOOR AND

12. PROVIDE CONTINUOUS 6" DOUBLE FACED SEAL GYPSUM BOARD (TAP JOINTS) ON 6" - 18 GAUGE

13. METAL STUD, 18 GAUGE ON

14. ON 1/2" TYPE 'X' GYPSUM SHEATHING

15. STUD WALL CONNECTION

16. EMBEDMENT AT 16" O.C.

17. CONTROL JOINT

18. GLASS FIBER SOUND INSULATION ABOVE

19. SEALANT MAX JOINT WIDTH 3/4"

20. CLASS I RATED ACOUSTICAL SEALANT

21. TO BRACE FLANGE OF STUD NOT

22. BRACED WITH GYPSUM BOARD) SPACE

23. BRACED WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT

24. REFER TO STRUCT. DETAIL 9/SD2.

25. PROVIDE CONTINUOUS 6" DOUBLE FACED SEAL GYPSUM BOARD (TAP JOINTS) ON 6" - 18 GAUGE

26. METAL STUD, 18 GAUGE ON

27. ON 1/2" TYPE 'X' GYPSUM SHEATHING

28. STUD WALL CONNECTION

29. EMBEDMENT AT 16" O.C.

30. CONTROL JOINT

31. GLASS FIBER SOUND INSULATION ABOVE

32. SEALANT MAX JOINT WIDTH 3/4"

33. CLASS I RATED ACOUSTICAL SEALANT

34. TO BRACE FLANGE OF STUD NOT

35. BRACED WITH GYPSUM BOARD) SPACE

36. WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT

37. REFER TO STRUCT. DETAIL 9/SD2.

38. PROVIDE CONTINUOUS 6" DOUBLE FACED SEAL GYPSUM BOARD (TAP JOINTS) ON 6" - 18 GAUGE

39. METAL STUD, 18 GAUGE ON

40. ON 1/2" TYPE 'X' GYPSUM SHEATHING

41. STUD WALL CONNECTION

42. EMBEDMENT AT 16" O.C.

43. CONTROL JOINT

44. GLASS FIBER SOUND INSULATION ABOVE

45. SEALANT MAX JOINT WIDTH 3/4"

46. CLASS I RATED ACOUSTICAL SEALANT

47. TO BRACE FLANGE OF STUD NOT

48. BRACED WITH GYPSUM BOARD) SPACE

49. WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT
GENERAL NOTES:
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

ROOF DEMOLITION KEYNOTES:
1. REMOVE ROOF DECK, ROOFING, INSULATION AND AGGREGATE.
2. REMOVE ROOFING, INSULATION AND AGGREGATE.
3. TEMPORARY COVER OPEN ROOF AGAINST WATER & WIND. TIMELAPSE TO BE WATER-TIGHT WHEN CONSTRUCTION IS NOT OCCURRING.
4. EXISTING BUILT-UP ROOF.
5. EXISTING BUILT-UP ROOF.

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OSHPD #: S211516-37-00

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OSHPD COMMENTS 11/5/2021
1. DESIGN CHANGES 11/5/2021

As indicated
100% CONSTRUCTION DOCUMENTS
A5-30
GENERAL NOTES:
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

TREATED WOOD BLOCKING
18" MIN.

20 GAUGE GALVANIZED SHEET METAL

EXHAUST FAN WITH ISOLATORS REFER TO MECH. DRAWINGS

ROOF MASTIC SEAL THOROUGHLY
3/4" MOSITURE RESISTANT
PLYWOOD

ROOF FLASHING SEALED
OVER ROOFING MEMBRANE

TREATED WOOD CANT

BUILT UP ROOF
MEMBRANE

PATCH VAPOR BARRIER TO MATCH EXISTING

EXISTING CONC.

OVER STEEL DECK

RIGID INSUL.

3/4" PERLITE
BOARD

ROOF SEALER

GRAVEL

3 1/2"
1 1/2"

SEE DETAIL 2/SD3 FOR MORE INFORMATION

SEE DETAIL 2/SD3 FOR MORE INFORMATION

ROOF PLAN KEYNOTES:
1. NEW EXHAUST FAN AND PRE-MANUFACTURED CURB.
2. NEW BUILT UP WATERPROOF ROOFING MEMBRANE.
3. EXISTING BUILT-UP ROOF.
1. The general contractor shall verify all connection details and measurements to the false Preview to ensure connection details. See detail 2 in Figure 1.

2. Refer to Section A5-01 for information not indicated on this detail.

3. Provide joist bridging details.

4. The bridging spacing for new partition wall. Design. 2019 CBC:

   b. Add the bridging spacing to new partition wall. Design. 2019 CBC.

5. Refer to General Notes on Sheet A0-00 for information not indicated on this detail.

6. Provide pull-out drawer base support.

7. Refer to detail 10 for information not indicated on this detail.

8. All finishes shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

9. All wall finishes shall remain, as shown, unless otherwise noted. Refer also to detail 1 for information not indicated on this detail.

10. All finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

11. The gyp. board ceiling joists and verify the S-6: Specify the maximum span of the gyp. board ceiling joists and verify the maximum span of the ceiling joists.

12. Refer to detail 17 for information not indicated on this detail.

13. All material specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

14. The Gary mounting bracket shall be installed in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

15. The sink unit shall be installed in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

16. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

17. The gyp. board ceiling joists and verify the maximum span of the ceiling joists.

18. Refer to detail 17 for information not indicated on this detail.

19. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

20. The gyp. board floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

21. Refer to detail 17 for information not indicated on this detail.

22. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

23. The gyp. board floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

24. Refer to detail 17 for information not indicated on this detail.

25. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

26. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

27. Refer to detail 17 for information not indicated on this detail.

28. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

29. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

30. Refer to detail 17 for information not indicated on this detail.

31. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

32. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

33. Refer to detail 17 for information not indicated on this detail.

34. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

35. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

36. Refer to detail 17 for information not indicated on this detail.

37. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

38. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

39. Refer to detail 17 for information not indicated on this detail.

40. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

41. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

42. Refer to detail 17 for information not indicated on this detail.

43. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

44. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.

45. Refer to detail 17 for information not indicated on this detail.

46. All materials specified shall be in accordance with the manufacturer's guidelines and recommendations. Refer also to detail 1 for information not indicated on this detail.

47. The finish floor shall be verified once all the finishes are installed. Refer also to detail 1 for information not indicated on this detail.
GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL SUBMIT ALL EXISTING CONDITION AND MEASUREMENTS TO THE ARCHITECT FOR CONSTRUCTION DRAWINGS.

2. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF ALL CONTRACTOR SUBMITTALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE BID DOCUMENTS.

3. REFER TO THE ALTERNATIVES ON SHEET 1 FOR ADDITIONAL INFORMATION.

4. REFER TO ALTERNATIVES ON SHEET 1 FOR ADDITIONAL INFORMATION.

5. REFER TO ALTERNATIVES ON SHEET 1 FOR ADDITIONAL INFORMATION.

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25. REFER TO ALTERNATIVES ON SHEET 1 FOR ADDITIONAL INFORMATION.

26. REFER TO ALTERNATIVES ON SHEET 1 FOR ADDITIONAL INFORMATION.

27. REFER TO ALTERNATIVES ON SHEET 1 FOR ADDITIONAL INFORMATION.
PARTIAL ROOF FRAMING PLAN

SCALE 1/2"=1'-0"

GENERAL NOTES:

1. All dimensions are in feet and inches.
2. All materials, quantities, and specifications shall be in accordance with the contract documents.
3. The project is subject to all necessary permits and approvals.
4. The drawings shall be used in conjunction with the contract documents.

TCMC EMERGENCY DEPARTMENT

TRI-CITY MEDICAL CENTER
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SFEIR ARCHITECTS

12345 ARCHITECTS
SAN DIEGO, CA 92110

Kuang-Chien Huang

4/6/2022, 12:33:05 PM
S211516-37-00

100% CONSTRUCTION DOCUMENTS
S-1: Revise to #10 SMS. 2019 CBC.

BC#1: See comment above.

BC#2: Revise to #10 SMS.

See S-5.

BC#1: Revise to 16GA.

BC#2: Revise to 16 GA.

4/6/2022, 12:33:05 PM
S211516-37-00
Kuang-Chien Huang
S-5: Verify the shot pin spacing based on the revised condition. 2019 CBC, 1603A.1.

BC#1: Revise shot pin spacing as responded.

BC#2: Revise shot pin spacing to 12" o.c.
1. THE EXISTING AIR HANDLING UNIT (AHU-2), EXISTING EXHAUST FANS (EF-2, EF-3) AND NEW EXHAUST
2. THE AHU-2 OUTDOOR AIR INTAKES ARE LOCATED AT LEAST 25 FEET FROM EXHAUST OUTLETS OF
3. EXISTING AIR HANDLING UNIT (AHU-2) SERVING THE PROJECT AREA ARE EQUIPPED WITH AT LEAST 30%
4. THE AHU-2 OUTDOOR AIR INTAKES ARE LOCATED AT LEAST 18 INCHES ABOVE ROOF
5. THE BOTTOM OF OUTDOOR AIR INTAKES SHALL ARE LOCATED AT LEAST 25 FEET FROM EXHAUST OUTLETS OF
6. THE AABC.  THIS WORK SHALL  CONFORM TO AABC SPECIFICATIONS AS REFERRED TO IN THE AABC
7. FILTER GAUGES ARE INSTALLED ACROSS EACH FILTER BANKS PER 2019 CMC SECTION
8. THE UNIT.  FILTER GAUGES ARE INSTALLED ACROSS EACH FILTER BANKS PER 2019 CMC SECTION
9. THE EXISTING HOSPITAL IS NOT AFFECTING  THE AIR BALANCE OF THE AREAS OUTSIDE TO THE
10. THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT THE SUPPORTING STRUCTURE IS
11. THE SUPPORTING STRUCTURE IS BEEN REVIEWED AND AR IN GENERAL CONFORMANCE WITH THE PRE-APPROVAL (OR APPROVED DETAILS
12. THE SUPPORTING STRUCTURE IS BEEN REVIEWED AND AR IN GENERAL CONFORMANCE WITH THE PRE-APPROVAL (OR APPROVED DETAILS
13. PIPE AND DUCT SEISMIC SUPPORT NOTES
14. COORDINATE ACCESS TO EQUIPMENT WITH WORK OF OTHER TRADES. PROVIDE DUCT ACCESS DOORS AND
15. EMERGENCY DEPARTMENT
16. THE EXISTING AIR HANDLING UNIT (AHU-2), EXISTING EXHAUST FANS (EF-2, EF-3) AND NEW EXHAUST
17. THE EXISTING AIR HANDLING UNIT (AHU-2), EXISTING EXHAUST FANS (EF-2, EF-3) AND NEW EXHAUST
18. THE PLAN AND ELEVATION DRAWINGS OF THE SUPPORTING STRUCTURE ARE INDICATED AS BEING RELOCATED.
19. THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT THE SUPPORTING STRUCTURE IS
20. THE SUPPORTING STRUCTURE IS BEEN REVIEWED AND AR IN GENERAL CONFORMANCE WITH THE PRE-APPROVAL (OR APPROVED DETAILS
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31. THE STRUCTURAL ENGINEER OF RECORD (SEOR) SHALL VERIFY THAT THE SUPPORTING STRUCTURE IS
### Air Balance Schedule (Previously Approved Areas of Work)

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Area (SF)</th>
<th>Ceiling Height</th>
<th>Air Balance Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>208A/208</td>
<td>575</td>
<td>9'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>207D Triage 02</td>
<td>135</td>
<td>9'-0&quot;</td>
<td></td>
</tr>
<tr>
<td>207C Triage 01</td>
<td>130</td>
<td>9'-0&quot;</td>
<td></td>
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<tr>
<td>207A Interview / Registration</td>
<td>88</td>
<td>11'-7&quot;</td>
<td></td>
</tr>
<tr>
<td>CAV-7 Price SDV5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAV-6 Price SDV5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAV-2 Price SDV5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAV-4 Price SDV5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CAV-1 Price SDV5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Existing AHU-2 is equipped with a smoke detector in the main supply leaving the AHU, for automatic shutoff upon detection of smoke.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Existing AHU-2 is equipped with 30% pre-filters and 99.97% final filters, per OSHPD project HS-031017-37. Reset the OSA percentage of the total supply air is maintained above 33.3%.

### Existing Air Handling Unit

<table>
<thead>
<tr>
<th>Model</th>
<th>Manufacturer / Model</th>
<th>Type</th>
<th>Service</th>
<th>EAT °F</th>
<th>LAT °F</th>
<th>LWT °F</th>
<th>Max PD</th>
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<tbody>
<tr>
<td>RG-2</td>
<td>Price 530 Steel Hard Lid Horizontal N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>CD-1</td>
<td>Price SMCD Steel Lay-in Modular N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

### Air Terminals

<table>
<thead>
<tr>
<th>Model</th>
<th>Manufacturer / Model</th>
<th>Location</th>
<th>Service</th>
<th>EAT °F</th>
<th>LAT °F</th>
<th>LWT °F</th>
<th>Max PD</th>
</tr>
</thead>
<tbody>
<tr>
<td>RG-2</td>
<td>Price 530 Steel Hard Lid Horizontal N/A</td>
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<tr>
<td>CD-1</td>
<td>Price SMCD Steel Lay-in Modular N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

### Grilles, Registers, Diffusers

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Size</th>
<th>Paint</th>
<th>Finish</th>
<th>Remarks</th>
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<tr>
<td>RG-2</td>
<td>Price 530 Steel Hard Lid Horizontal N/A</td>
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</tr>
<tr>
<td>CD-1</td>
<td>Price SMCD Steel Lay-in Modular N/A</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Room Number</td>
<td>Room Name</td>
<td>Room Area (SF)</td>
<td>Ceiling Height (FT)</td>
<td>Positive Air (CFM)</td>
<td>Negative Air (CFM)</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------</td>
<td>----------------</td>
<td>--------------------</td>
<td>-------------------</td>
<td>-------------------</td>
</tr>
<tr>
<td>A07</td>
<td>Exam</td>
<td>100</td>
<td>9</td>
<td>90 - 90</td>
<td>30 - 30</td>
</tr>
<tr>
<td>A06</td>
<td>Exam</td>
<td>95</td>
<td>9</td>
<td>86 - 86</td>
<td>29 - 29</td>
</tr>
<tr>
<td>A04</td>
<td>Exam</td>
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<td>9.5</td>
<td>95 - 95</td>
<td>32 - 32</td>
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<td>A05</td>
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<tr>
<td>A03</td>
<td>Exam</td>
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<td>43 - 43</td>
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<tr>
<td>244</td>
<td>Toilet</td>
<td>45</td>
<td>8</td>
<td>54 - 54</td>
<td>- -</td>
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<tr>
<td>234</td>
<td>Toilet</td>
<td>50</td>
<td>8</td>
<td>60 - 60</td>
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<tr>
<td>224</td>
<td>Hallway/</td>
<td>785</td>
<td>9.5</td>
<td>498 - 498</td>
<td>249 - 249</td>
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<td></td>
<td>Soiled Utility</td>
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<td>153 - 170</td>
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<td>233</td>
<td>Toilet</td>
<td>60</td>
<td>8</td>
<td>72 - 80</td>
<td>- -</td>
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<tr>
<td></td>
<td>Nurse Station A</td>
<td>785</td>
<td>9.5</td>
<td>498 - 498</td>
<td>249 - 249</td>
</tr>
</tbody>
</table>

Notes:
- P = POSITIVE, NR = NO REQUIREMENT FOR CONTINUOUS DIRECTIONAL CONTROL, N = NEGATIVE
- 244 TOILET: SUPPLY AIR ACHIEVED VIA TRANSFER AIR
- TO BE COMPLETED BY CONTRACTOR

TCMC EMERGENCY DEPARTMENT
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

ARCHITECT
SFEIR ARCHITECTS
5151 BROOKHILL DR. SUITE 265
SAN DIEGO, CA 92122
P: 619-299-3917  F: 619-299-5084
www.sfeir.com

CLIENT
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CA 92056

PROJECT TITLE
TRI-CITY EMERGENCY DEPARTMENT

SCHEDULES

M003
RENOVATION ROOF PLAN

1/8" = 1'-0"

NOTES:

- Transition to 2 1/2" exhaust, east duct through roof. See detail.
- Transition to 2 1/2" exhaust, east duct through roof. See detail.

TCMC EMERGENCY DEPARTMENT
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

CONSULTANT
DATE: DESCRIPTION: REV:

OSHPD APPROVAL STAMP:

SHEET TITLE:

SHEET NUMBER:

PROJECT TITLE:

SCALE:

PROJECT #:

DRAWN BY:

CHECKED BY:

DATE:

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NOTES
1. ALL APPURTENANCES FOR REHEAT COILS TO BE LOWERED TO 2' MIN. FROM EACH END OF DUCT.

2. UNIONS NOT REQUIRED FOR FLANGED PIPING.

3. PANELS ARE TO BE PROVIDED WITHIN 18" OF APPURTENANCES.

4. PROVIDE GALVANIZED STEEL EXHAUST AIR DUCT UP THROUGH CORNER. PROVIDE BACKDRAFT DAMPER AT FAN INLET.

5. PROVIDE EXHAUST FAN ON MINIMUM 1'-0" HIGH, 18 GAUGE CURB. SECURE FAN TO CURB WITH MINIMUM FOUR 1/2" GALVANIZED STEEL, FACTORY FURNISHED ROOF CURB WITH CORNER. PROVIDE 5/8" A307 MACHINE BOLT AND NUT (ONE AT EACH CORNER). PROVIDE MANUAL VOLUME DAMPER AT EACH MAIN, LONG RADIUS TURN - NO KINKS SHALL BE PROVIDED.

6. PROVIDE MANUAL VOLUME DAMPER AT EACH MAIN OR SUB-MAIN (2 OR MORE OR MORE)

7. TAKE-OFF (TYP) AT EACH DUCT OUTLETS)

8. OR BRANCH MAINS)

9. PROVIDE GALVANIZED STEEL EXHAUST AIR DUCT UP THROUGH CORNER. PROVIDE BACKDRAFT DAMPER AT FAN INLET.

10. PROVIDE EXHAUST FAN ON MINIMUM 1'-0" HIGH, 18 GAUGE CURB. SECURE FAN TO CURB WITH MINIMUM FOUR 1/2" GALVANIZED STEEL, FACTORY FURNISHED ROOF CURB WITH CORNER. PROVIDE 5/8" A307 MACHINE BOLT AND NUT (ONE AT EACH CORNER). PROVIDE MANUAL VOLUME DAMPER AT EACH MAIN, LONG RADIUS TURN - NO KINKS SHALL BE PROVIDED.

11. PROVIDE MANUAL VOLUME DAMPER AT EACH MAIN OR SUB-MAIN (2 OR MORE OR MORE)

12. TAKE-OFF (TYP) AT EACH DUCT OUTLETS)

13. OR BRANCH MAINS)

14. PROVIDE GALVANIZED STEEL EXHAUST AIR DUCT UP THROUGH CORNER. PROVIDE BACKDRAFT DAMPER AT FAN INLET.

15. PROVIDE EXHAUST FAN ON MINIMUM 1'-0" HIGH, 18 GAUGE CURB. SECURE FAN TO CURB WITH MINIMUM FOUR 1/2" GALVANIZED STEEL, FACTORY FURNISHED ROOF CURB WITH CORNER. PROVIDE 5/8" A307 MACHINE BOLT AND NUT (ONE AT EACH CORNER). PROVIDE MANUAL VOLUME DAMPER AT EACH MAIN, LONG RADIUS TURN - NO KINKS SHALL BE PROVIDED.
NOTES

1. DISTANCE FROM CAV BOX TO MAIN DUCT VARIES. ABOVE DUCT SIZES DUE TO LONG RUN, SIZES SHOWN ON PLANS LENGTH IS A MINIMUM. IN CASE PLANS SHOW DIFFERENT TRANSITION TO THE CAV INLET DUCT DIAMETER.

2. REQUIREMENTS. SUBMIT FOR APPROVAL.

EMBEDMENT (ICC ESR-4266). REFER TO SMACNA HILTI KB-TZ2 EXPANSION ANCHORS WITH MINIMUM 2" BRACED TO UNISTRUTS PER DETAIL X/MX.XX. AT BELLMOUTH FITTING.

DUCT ELBOWS AND TRANSITIONS.

SEISMIC RESTRAINT GUIDELINES FOR ADDITIONAL CONCRETE-FILLED METAL DECK, SECURE WITH 3/8"Ø STEEL STRUCTURE WITH HANGER ATTACHMENTS CONNECTED TO MAIN SUPPLY AIR DUCT WITH GALVANIZED STEEL ROUND METAL DUCTWORK.

ALL TAPS INTO MAIN SUPPLY AIR DUCTWORK FOR VAV CONNECTION TO CONCRETE DECK

HANGER STRAP. FOLD STRAP FOR DOUBLE THICKNESS AT HILTI KB-TZ (ICC ESR-1917) 3/8" DIA. X 2" MIN. EMBED B-LINE FIGURE B-3070 REVERSIBLE ANGLE CLIP.

PAPERS:

HOT WATER REHEAT COIL. SEE DETAIL 5/M601 FOR SPECIFICATION SECTION 230713.

CONTRACTOR SHALL PROVIDE 5'-0" LONG DISCHARGE 5 DUCT DIAMETERS (D) MINIMUM.

AIR PLENUM WITH INTERNAL 1" LINER PER.
1. All work shall comply with the 2019 Editions of the California Building, Mechanical, and Other Applicable Federal, State, or Local Codes as Adopted and Enforced by the Local Jurisdiction, unless otherwise noted in the Plans and Specifications.

2. The General Notes, Legend, and Abbreviations shall be considered an integral part of the Plans and Specifications and shall be interpreted as an integral part of the General Conditions, Specifications, and Addenda.

3. The Plans, Specifications, Addenda, and General Notes shall be interpreted as required to comply with applicable Federal, State, or Local Codes and Regulations.

4. Any reference to a code section shall be considered a cross-reference to the California Building Code, the California Plumbing Code, and other applicable codes.

5. Unless otherwise specified, all work shall be performed in accordance with the 2019 Editions of the California Building, Mechanical, and Other Applicable Federal, State, or Local Codes as Adopted and Enforced by the Local Jurisdiction.

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10. Piping through fire-rated walls shall be performed in accordance with the U.L. Fire Resistance System No. W1001. See Architectural Plans for the exact location and requirements.

11. The Contractors shall coordinate their work with all other trades prior to fabrication, installation, and/or connection of all equipment and systems.

12. The Contractors shall provide all materials and equipment as specified in the Plans and Specifications.

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### PIPING MATERIALS

<table>
<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOMESTIC WATER PIPING</td>
<td>1&quot; and 1 1/2&quot; 304 STAINLESS STEEL, UNDECKED WITH LEAD FREE SOLDER JOINTS.</td>
</tr>
<tr>
<td>INDIRECT WASTE</td>
<td>1 1/2&quot; BRASS BRAZED FITTINGS AND LEAD FREE SOLDER JOINTS.</td>
</tr>
<tr>
<td>MEDICAL</td>
<td>3 1/4&quot; CAST IRON &quot;NO-HUB&quot; PIPE CONFORMING TO CISPI 301 AND ASTM A 888 WITH NEOPRENE GASKET AND STANDARD, AND MADE FROM MATERIALS APPROVED IN ACCORDANCE WITH THE CODE.</td>
</tr>
<tr>
<td>VACUUM</td>
<td>1 1/2&quot; AND 2&quot; CAST IRON &quot;NO-HUB&quot; PIPE CONFORMING TO CISPI 301 AND ASTM A 888 WITH NEOPRENE GASKET AND STANDARD, AND MADE FROM MATERIALS APPROVED IN ACCORDANCE WITH THE CODE.</td>
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### FIXTURE SCHEDULE

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<tr>
<th>Model</th>
<th>Type</th>
<th>Minimum Rough-in Sizes (inches)</th>
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</thead>
<tbody>
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<td>WC-1</td>
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<td>1 1/4, 1 1/2</td>
</tr>
<tr>
<td>WC-2</td>
<td>WALL HUNG</td>
<td>2 1/2, 3</td>
</tr>
<tr>
<td>SB-1</td>
<td>WALL HUNG</td>
<td>1 1/4, 1 1/2</td>
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<td>SB-2</td>
<td>WALL HUNG</td>
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### MEDICAL EQUIPMENT

<table>
<thead>
<tr>
<th>Equipment</th>
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<tbody>
<tr>
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<td>1 1/2&quot; and 2&quot; CAST IRON &quot;NO-HUB&quot; PIPE CONFORMING TO CISPI 301 AND ASTM A 888 WITH NEOPRENE GASKET AND STANDARD, AND MADE FROM MATERIALS APPROVED IN ACCORDANCE WITH THE CODE.</td>
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<td>SB-2</td>
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### PIPING INSULATION SCHEDULE

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<thead>
<tr>
<th>Material Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDICAL</td>
<td>1 R-7.7 R-12.5 R-11 R-9 R-8</td>
</tr>
<tr>
<td>REFRIGERANT</td>
<td>1 R-7.7 R-12.5 R-11 R-9 R-8</td>
</tr>
<tr>
<td>SERVICE HOT WATER</td>
<td>1 R-7.7 R-12.5 R-11 R-9 R-8</td>
</tr>
<tr>
<td>SPACE HEATING</td>
<td>1 R-7.7 R-12.5 R-11 R-9 R-8</td>
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### DOMESTIC WATER CALCULATION

<table>
<thead>
<tr>
<th>Calculation</th>
<th>Description</th>
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<tbody>
<tr>
<td>CALCULATE WATER DEMAND</td>
<td>1 TOTAL WATER DEMAND</td>
</tr>
<tr>
<td>CHECK FOR LEAKS</td>
<td>1</td>
</tr>
<tr>
<td>CHECK FOR WASTES</td>
<td>1</td>
</tr>
<tr>
<td>CHECK FOReldo,</td>
<td>1</td>
</tr>
<tr>
<td>CHECK FOR REUSE</td>
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<td>1 TOTAL WATER DEMAND</td>
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<tr>
<td>CHECK FOR LEAKS</td>
<td>1</td>
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<tr>
<td>CHECK FOR WASTES</td>
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<tr>
<td>CHECK FOR REUSE</td>
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</table>
NOTES:

- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO EXISTING 10 INCH GENERAL DRAIN.
- PORTION OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.
- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.
- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.
- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.
- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.
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- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.
- POINT OF CONNECTION FOR NEW 2 INCH SANITARY SEWER TO BASEMENT.

NEW 2 INCH SANITARY SEWER UP TO SERVE SINK ON FLOOR ABOVE.

SET INVERT AT THIS BEAM AND SLOPE NEW SANITARY SEWER PIPING AT 2% TOWARDS THE EXISTING SANITARY SEWER STACK.
POC AT VERTICAL SECTION OF EXISTING 4" WASTE RISER. PATCH DRYWALL MEDGAS SHUT OFF SERVICE VALVES ABOVE CEILING LOCATED WHERE 2" WCO ALL RENOVATION WORK WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 2 ALL RENOVATION WORK WITHIN THIS AREA SHALL BE COMPLETE IN PHASE 1

(E) 1 1/2" V
1 1/2" CW
3/4" HW
4" W
2" V
WC

(E) 2"

POC 4" W TO (E) 4" W.
POC 3/4" CW TO (E) 2" CW.
POC 1 1/2" CW TO (E) 2" CW.

POC TO EXISTING MED AIR PIPE AT INTERSECTION OF CORR. 213 AND CORR. VALVE ABOVE CEILING AT POC'S FOR INCREASED MA & MV PIPE SIZES & 02 LOBBY / WAITING

TOTAL OF 16 OUTLETS WITH A DIVERSIFIED LOAD OF 8.52 SCFM ON THIS SYSTEM.

TOTAL PRESSURE DROP TO THIS POINT IN SYSTEM IS 8.244 IN HG.

FURTHEST OUTLET IS (41) OUTLETS AT A DIVERSIFIED FLOW OF 20.5SCFM. OF 26 SCFM ON THIS SYSTEM.

TOTAL OF 54 OUTLETS WITH A DIVERSIFIED LOAD OF 19.17 SCFM ON THIS FLOOR IS 0.16 PSI. TOTAL PSI DROP TO FURTHEST OUTLET ON THE SYSTEM.

2 DESIGN CHANGES 11/5/2021
1. BALANCING VALVE ASSEMBLY

2. PIPE FIRESTOPPING DETAIL

3. WALL CLEANOUT DETAIL

4. BARE PIPE THROUGH NON-RATED WALLS

- NOTES:
  - BRONZE PLUG
  - TAPER THREAD-FINISHED WALL SURFACE
  - BRONZE PLUG
  - TAPER THREAD-FINISHED WALL SURFACE

- THREADED CLEANOUT PLUG
- BALL VALVE
- CHECK VALVE

- 4" THREADED CLEANOUT PLUG
- BALL VALVE
- CHECK VALVE

- WALL CLEANOUT DETAIL

- PIPE FIRESTOPPING DETAIL

- BALANCING VALVE ASSEMBLY

- BARE PIPE THROUGH NON-RATED WALLS

- PIPE AND VALVE: 3/4" OD, 10K, WP 150 PSI WITH VAUGHN CORROSION RESISTANT BIMETAL DEEP DRAWN BRONZE BAYONET TOUHEY BOLT. VALVE BODY, FEMALE PIPE THREADS, AND HOUSING ARE IN STAINLESS STEEL. FLUSH WITH FINISHED WALL SURFACES.
NOTES
1. Point of demarcation of existing 2" sanitary sewer. Provide permanent on existing vertical stack and remove all piping serving sink on floor above.
2. Point of demarcation of existing 2" sanitary sewer. Provide permanent on existing sewer branch lateral and remove all piping serving sink on floor above.

BASEMENT DEMOLITION PLAN

1/4" = 1'-0"
BASEMENT DEMOLITION PLAN - STATION B BATHROOMS

BASEMENT DEMOLITION PLAN - STATION C BATHROOMS

BASEMENT DEMOLITION PLAN - STATION B BATHROOMS

NOTES

- All 4" (E)S pipes above shall be identified prior to demolition.
- Provide temporary cap on existing sewer branch lateral and remove all existing 2" sanitary sewer. Provide temporary cap at point of demarcation of existing 4" sanitary sewer. Provide piping serving shower drain on floor above.
- Piping serving water closets on floor above.
- Permanent cap on existing sewer branch lateral and remove all existing 2" sanitary sewer. Provide piping serving sink on floor above.
- Temporary cap on existing sewer branch lateral and remove all existing 2" sanitary sewer. Provide piping serving clinical sink on floor above.

TCMC EMERGENCY DEPARTMENT
TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
LOAD SUMMARY: 2 1/2"C.-3#1 & 1#6 GND.
- 10.2 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#4/0 & 1#4 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#500MCM & 1#4 IN EACH
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#4/0 & 1#4 GND.
- 300A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#1 & 1#8 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#1 & 1#8 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-3#1 & 1#6 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#1 & 1#8 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#1 & 1#8 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#1 & 1#8 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
LOAD SUMMARY: 2 1/2"C.-4#1 & 1#8 GND.
- 14.1 kVA
- 800A
- 14.1 VA
- 1.6 A
- 22 KAIC
- 25.6 A
## LIGHT FIXTURES SCHEDULE

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<tr>
<th>TYPE</th>
<th>FIGURE DESCRIPTION</th>
<th>MANUFACTURER MODEL</th>
<th>TOTAL</th>
<th>NUMBER</th>
<th>LUMEN</th>
<th>VOLTAGE</th>
<th>WATT</th>
<th>NOTES</th>
<th>REMARKS</th>
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<tbody>
<tr>
<td>E1</td>
<td>RECESSED 2 LIGHTS REMOVABLE 2' X 2' T-GRID MOUNTED DIMMABLE 2' X 2'.</td>
<td>TOTAL POINT</td>
<td>24</td>
<td>1</td>
<td>6800</td>
<td>12V</td>
<td>6.0</td>
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<tr>
<td>E2</td>
<td>RECESSED 2 LIGHTS REMOVABLE 2' X 2' T-GRID MOUNTED DIMMABLE 2' X 2'.</td>
<td>TOTAL POINT</td>
<td>24</td>
<td>1</td>
<td>6800</td>
<td>12V</td>
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</tr>
<tr>
<td>E3</td>
<td>RECESSED 2 LIGHTS REMOVABLE 2' X 2' T-GRID MOUNTED DIMMABLE 2' X 2'.</td>
<td>TOTAL POINT</td>
<td>33</td>
<td>1</td>
<td>6800</td>
<td>12V</td>
<td>6.0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GENERAL NOTES:**

1. PROVIDE COMPLETE W/DIMMING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.
2. DRIVER TO BE COMPLIANT WITH NICEA-latest REV.
3. PROVIDE LAMPS TO SIMILAR LUMINAIRES.
4. GLASS CAN BE SIMILAR WITH ARCHITECTURAL SPECIFICATION.
5. PROVIDE COMPLETE W/DIMMING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.

**GENERAL NOTES:**

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- PROVIDE LAMPS TO SIMILAR LUMINAIRES.
- GLASS CAN BE SIMILAR WITH ARCHITECTURAL SPECIFICATION.
- PROVIDE COMPLETE W/DIMMING HARDWARE REQUIRED FOR A COMPLETE INSTALLATION.
TOILET (ALL GENDER)

OFFICE 01

SECURITY

LOBBY / WAITING

CORRIDOR

HALLWAY

TRIAGE 04

CR

CSFD

PRINTER

PYXIS

HCAI #: -

ME&P:

OWNER:

ARCHITECT:

CONSULTANT

STRUCTURAL:

ELECTRICAL:

SHEETNOTES

1. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES, THE CONSTRUCTION SEQUENCE WILL BE COORDINATED WITH THE RESPONSIBLE CONTRACTOR TO MINIMIZE INTERFERENCE WITH THE APPLICANT'S CURRENT OPERATIONS. IT IS IMPORTANT TO COORDINATE THE WORK WITH THE RESPONSIBLE CONTRACTOR TO ENSURE THE SAFETY OF THE PERSONNEL AND INJURIES ARE NOT CAUSED TO THE APPLICANT'S CURRENT OPERATIONS.

2. THE APPLICANT IS RESPONSIBLE FOR COORDINATING WITH THE RESPONSIBLE CONTRACTOR TO ENSURE THE SAFETY OF THE PERSONNEL AND INJURIES ARE NOT CAUSED TO THE APPLICANT'S CURRENT OPERATIONS.

3. ALL CONSTRUCTION WORK MUST COMPLY WITH THE APPLICABLE BUILDING CODES AND SAFETY STANDARDS.

4. THIS PROJECT IS SUBJECT TO THE REQUIREMENTS OF THE APPLICABLE BUILDING CODES AND SAFETY STANDARDS.

5. THE APPLICANT IS RESPONSIBLE FOR COORDINATING WITH THE RESPONSIBLE CONTRACTOR TO ENSURE THE SAFETY OF THE PERSONNEL AND INJURIES ARE NOT CAUSED TO THE APPLICANT'S CURRENT OPERATIONS.

6. THIS PROJECT IS SUBJECT TO THE REQUIREMENTS OF THE APPLICABLE BUILDING CODES AND SAFETY STANDARDS.
NOTES

REFER TO SHEET A4-00

AREA B - RENOVATION LIGHTING PLAN

AREA B - DEMOLITION LIGHTING PLAN

1/4" = 1'-0"

STORAGE

1/4" = 1'-0"

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48


NOTES

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2. [Text]

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MATCH LINE REFER TO FB

AREA B - DEMOLITION POWER PLAN

AREA B - RENOVATION POWER PLAN

NOTES
PREPARE DRAWINGS TO BE REVISED DU TO THE STATUS OF WORK. DETERMINE DRAWING ISSUE OR CIRCUMSTANCES AS REQUIRED.

REFER TO FB

SCOPE OF WORK. EXTEND EXISTING BRANCH CIRCUITRY AS REQUIRED.

COORDINATE EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO INSTALLATION.

COORDINATE EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO INSTALLATION.

DATA OUTLET DEDICATED FOR NURSE CALL TERMINAL.

DATA OUTLET DEDICATED FOR TELEVISION.

PROVIDE NEW QUAD RECEPTACLE FOR TELEVISION.

PROVIDE NEW DATA OUTLET FOR TELEVISION.

FLOOR PLANS SHOW EXISTING UNITS OF REGULAR POWER.

FLOOR PLANS SHOW EXISTING UNITS OF REGULAR POWER.

HOMER - 02/11/16 27-05

TCMC EMERGENCY DEPARTMENT

TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER:

ARCHITECT:

CONSULTANT:

INTERIOR: ISLEY DESIGN & PLANNING

TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

F: 619-299-5084

TEL(619)618-2347  FAX(619)330-0668

4002 VISTA WAY
TCMC EMERGENCY DEPARTMENT
SAN DIEGO, CALIFORNIA 92123

5151 Shoreham Pl, Suite 265
CARLSBAD, CALIFORNIA 92008

HCAI COMMENTS 1/5/2022
DESIGN CHANGES 1/7/2022

4/6/2022, 12:33:05 PM

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**NOTES**

1. LOAD CALCULATED AS 64W. NEW LOAD ADDED

2. NO LOAD ADDED TO EXISTING CIRCUITRY. DEMOLISHED

3. CABLING AS REQUIRED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITRY WITHIN AREA OF WORK.

**NOTES**

1. LOAD CALCULATED AS 128W. NEW LOAD ADDED

2. NO LOAD ADDED TO EXISTING CIRCUITRY. DEMOLISHED

3. CABLING AS REQUIRED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITRY WITHIN AREA OF WORK.

**NOTES**

1. DE-RE-COMPICATION OF BOTH ANCESTORS WHERE A LIGHTING SOURCE WILL BE REPLACED WITH AN INTEGRAL LIGHTING SOURCE WHERE A LIGHTING SOURCE WILL BE REPLACED WITH AN INTEGRAL LIGHTING SOURCE WITHIN AREA OF WORK.

2. CABLING AS REQUIRED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITRY WITHIN AREA OF WORK.

**NOTES**

1. DE-RE-COMPICATION OF BOTH ANCESTORS WHERE A LIGHTING SOURCE WILL BE REPLACED WITH AN INTEGRAL LIGHTING SOURCE WHERE A LIGHTING SOURCE WILL BE REPLACED WITH AN INTEGRAL LIGHTING SOURCE WITHIN AREA OF WORK.

2. CABLING AS REQUIRED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITRY WITHIN AREA OF WORK.

**NOTES**

1. DE-RE-COMPICATION OF BOTH ANCESTORS WHERE A LIGHTING SOURCE WILL BE REPLACED WITH AN INTEGRAL LIGHTING SOURCE WHERE A LIGHTING SOURCE WILL BE REPLACED WITH AN INTEGRAL LIGHTING SOURCE WITHIN AREA OF WORK.

2. CABLING AS REQUIRED. MAINTAIN CONTINUITY OF EXISTING BRANCH CIRCUITRY WITHIN AREA OF WORK.

**NOTES**

1. Loads Calculated As 42W. Net Reduction Of 22W In Area


**NOTES**

1. Loads Calculated As 36W. New Load Added

2. No Load Added To Existing Circuitry. Demolished


**NOTES**

1. Loads Calculated As 17W. New Load Added

2. No Load Added To Existing Circuitry. Demolished


**NOTES**

1. Loads Calculated As 17W. New Load Added

2. No Load Added To Existing Circuitry. Demolished

1. Roof mounted feeders sized in accordance with.
2. Surface mount all roof conduits on minimum 3.
3. Electrical contractor shall refer to mechanical.
4. Electrical contractor shall verify the exact.
5. All conduit exposed on roof shall be rigid.
6. All roof mounted equipment shall be NEMA 3R.
7. Electrical contractor shall coordinate the.
8. Re-conpletion to new exhaust fan. Intercept and.
9. Existing exhaust fan to be replaced kind-for-kind.
10. Provide building separation joint. Refer to detail.
11. Location and mounting height prior to.
12. Re-connection to new exhaust fan. Intersect and.
13. Schedule. Any modifications and/or additional.
14. 80% derating factor CEC 310.15(b)(2)(a) and.
16. #10 AWG = (40A)(0.58)=23.2A.
17. 3/E600.
18. 3/4"C.-3#12 & 1#12 GND.
19. Separate roof penetration will be permitted. All.
20. No. E20825
22. Structural:
23. Architect:
24. Tri-City Medical Center
25. 4002 Vista Way
26. Oceanside, California 92056
1. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE ALL BOX LOCATIONS AND HEIGHTS WITH REQUIREMENTS OF CONTRACT DOCUMENTS AND PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL ARCHITECT AND OWNER PRIOR TO INSTALLATION.

2. COORDINATE ALL BOX LOCATIONS AND HEIGHTS WITH SPECIFICATIONS AS PART OF THE BASE BID. OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL ARCHITECT AND OWNER PRIOR TO INSTALLATION.
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2. COORDINATE ALL BOX LOCATIONS AND HEIGHTS WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
SHEET NOTES
1. THIS PROJECT WILL BE CONSTRUCTED IN MULTIPLE PHASES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THEIR WORK WITH THE ARCHITECTURAL PHASING PLANS AND ALL OTHER TRADES AND INSTALL IN SUCH A WAY THAT IT DOES NOT AFFECT THE ADJOINING OCCUPIED SPACES AND MEETS ALL OF THE REQUIREMENTS OF CONTRACT DOCUMENTS AND SPECIFICATIONS AS PART OF THE BASE BID.
2. COORDINATE ALL BOX LOCATIONS AND HEIGHTS WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056

OWNER: TRI-CITY MEDICAL CENTER
ARCHITECT: SFEIR ARCHITECTS
STRUCTURAL: SUN STRUCTURAL ENGINEERING, INC.
ME&P: P2S
INTERIOR: ISLEY DESIGN & PLANNING

HCAI #: -
S211516-37-00
TCMC EMERGENCY DEPARTMENT
4002 VISTA WAY
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San Diego, CA 92122
P: 619-299-3917  F: 619-299-5084
www.sfeirarch.com

AREA E - NURSE CALL PLAN

1/4" = 1'-0"
## Device Schedule

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<thead>
<tr>
<th>Symbol</th>
<th>Model</th>
<th>Manufacturer</th>
<th>Description</th>
<th>CSFM</th>
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<tr>
<td>BD</td>
<td>FAPS</td>
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<td>Remote Paging Microphone</td>
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<tr>
<td>F</td>
<td>S</td>
<td></td>
<td>Remote Annunciator Panel</td>
<td></td>
</tr>
<tr>
<td>M</td>
<td>FT</td>
<td></td>
<td>Fire Alarm Terminal Cabinet</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>R</td>
<td></td>
<td>Firefighter Smoke Control Panel</td>
<td></td>
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<tr>
<td>WP</td>
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<td></td>
<td>Addressable Fire Alarm Control Panel with Annunciator</td>
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</tbody>
</table>

### Auxiliary Accessories

- Weatherproof Wall Horn/STrobe
- Weatherproof Wall Speaker
- Multi-Candelas Multi-Tap Ceiling Speaker/STrobe
- Multi-Candelas Ceiling Horn STrobe
- Multi-Tap Ceiling Speaker
- Wall Horn
- Multi-Candelas Ceiling STrobe
- Multi-Candelas Wall STrobe

### Wire Schedule

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<tr>
<th>CIRCUIT TYPE</th>
<th>CIRCUIT NUMBER</th>
<th>AREA COORDINATE</th>
<th>AREA NUMBER</th>
<th>CIRCUIT NUMBER</th>
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<td>1 Paire 24VDC Unsheathe 1#14 FPL</td>
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<td>2 Paire 24VDC Unsheathe 1#12 FPL</td>
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### Wire Fill Chart

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<th>Room</th>
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<th>Material</th>
<th>Type</th>
<th>Length</th>
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</table>

### Legend

- Fire Alarm Panel, SEE PLANS FOR TYPE
- Fire Sprinkler Bell
- Post Indicated Valve Switch
- Flow Switch
- Electromagnetic Door Holder
- Keyed Remote Test Station
- Multi-Voltage Control Relay

### Scope of Work

1. Provide a complete manual and automatic addressable fire alarm with fire detection devices (smoke detectors, heat detectors, smoke detectors) and fire alarm control panel. Provide all devices covered in the addressed fire alarm control panel. Provide all devices covered in the addressed fire alarm control panel.
2. Work shall include but not be limited to the installation and testing of the fire alarm control panel. Provided in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel.
3. Scope of work includes the fire alarm control panel. Provided in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel.
4. Provide all devices covered in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel.
5. Provide all devices covered in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel.
6. Provide all devices covered in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel. Provided in the addressed fire alarm control panel.

### Sheet Index

- Electrical and Structural
- Fire Protection and Valves
- Mechanical
- General Notes
- Civil and Structural
- Sheet Title: FA001
APPLICABLE CODES

NFPA 80 FIRE DOOR AND OTHER OPENINGS PROTECTIVE 2019 EDITION
NFPA 17A WET CHEMICAL EXTINGUISHING SYSTEMS 2019 EDITION
PART 1 2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, TITLE 24 C.C.R.

GENERAL NOTES

1. GENERAL NOTES DO NOT APPLY TO MUSCLE-WORKING DEVICES WHERE THE EFFORT INVOLVED IS NOT A DETERMINANT OF SCIENCE, USE, OR LABOR. NOTE: RATED WORK REQUIREMENTS OF MUSCLE-ACTED EQUIPMENT MUST BE DETERMINED BY THE MANUFACTURER.
2. APPLIANCES MAY NOT BE UTILIZED IN TEMPERATURES ABOVE 30°C (85°F) OR BELOW 5°C (40°F) UNLESS SPECIFIED BY THE MANUFACTURER.
3. WHERE MANUFACTURER'S SPECIFICATIONS ARE NOT AVAILABLE, THE MANUFACTURER SHALL BE NOTIFIED OF THE REQUIREMENTS PRIOR TO INSTALLATION.
4. ALL ELECTRICAL TERMINALS AND CONNECTORS SHALL BE LABELED TO IDENTIFY THE LOCATION AND PURPOSE OF THE CIRCUIT THEY ARE CONNECTED TO.
5. ELECTRICAL CONTRACTOR IS REQUIRED TO USE: NON-FUSED CIRCUIT BREAKERS AND GFCI-PROTECTED OUTLETS, COLOR CODE, WIRE NUMBERS, OR AS SPECIFIED IN APPLICABLE CODES. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
6. FIRE ALARM SIGNALS SHALL MEET IEEE 947, AUTOMATION TESTING EQUIPMENT (TEMPORARY TESTING)
7. ALL APPLIANCES AND INSTALLATIONS SHALL BE TESTED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH THE RELEVANT CODES AND STANDARDS. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
8. WALL-MOUNTED STROBE AND HORN/STROBE APPLIANCES SHALL BE MOUNTED A MINIMUM OF 80 O-H "HEIGHT" ABOVE FINISH GRADE. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
9. DIFFERENTIAL PRESSURE SWITCHES SHALL BE SUPPLIED AND INSTALLED BY A LICENSED INSTALLER. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
10. ADDITIONAL REQUIREMENTS AS INDICATED ON THE DRAWINGSshall be in accordance with the International Fire Code (NFPA 72). REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
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15. ALL DEVICES OF THE FIRE ALARM SYSTEM SHALL BE APPROVED AND LISTED BY THE CALIFORNIA FIRE REPORTING AGENCY.
16. AUTOMATIC DOOR OPENING SYSTEMS SHALL BE INSTALLED IN ACCORDANCE WITH APPLICABLE CODES. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
17. ALL FIRE ALARM SYSTEMS SHALL BE LABELED AT CONNECTIONS AND AT JUNCTION BOXES.
18. DUCT SMOKE DETECTORS SHALL BE TESTED FOR DUCT VELOCITY AND PRESSURE DIFFERENTIAL IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
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25. SUBMITTED DRAWING PACKAGE MUST BE REVIEWED BY COLLEGE, UNIVERSITY, OR DISTRICT REPRESENTATIVE AND ONE COPY OF THE REVIEWED DRAWING AND SUBMITTAL MUST BE RETURNED TO THE SUBMITTING ARCHITECT. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
26. FOR INSPECTION AND OR TESTING THE FIRE MARSHAL OR DSA INSPECTOR SHALL BE NOTIFIED FOR SCHEDULING AN APPOINTMENT. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
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31. UNLESS SPECIFICALLY SHOWN ON THESE PLANS NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED OR NOTCHED WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER AND REPRESENTATIVE AND ONE COPY OF THE REVIEWED DRAWING AND SUBMITTAL MUST BE RETURNED TO THE SUBMITTING ARCHITECT. FOR ADDITIONAL REQUIREMENTS, REFERENCE APPLICABLE EDITIONS UNDER "APPLICABLE CODES & REGULATIONS".
32. REFER TO THE SPECIFICATIONS AND DRAWINGS FOR ALL RELEVANT REQUIREMENTS.
NOTES

PROVIDE CEILING MOUNTED STROBE AS SHOWN.

PROVIDE CEILING MOUNTED COMBINATION CHIME AND STROBE DEVICE AS SHOWN.

PROVIDE CEILING MOUNTED STROBE AS SHOWN.

TCMC EMERGENCY DEPARTMENT

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