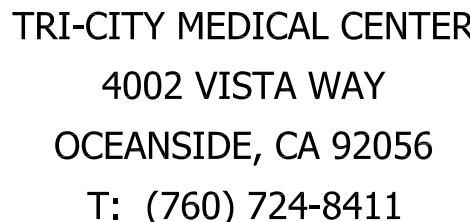


# OR #3 LIGHT REPLACEMENT



**SUN Structural Engineering, Inc.**  
Consulting Structural Engineers  
2091 Las Palmas Dr. Suite D  
Carlsbad, California 92011  
Tel: 760-438-1188  
[www.sunse-inc.com](http://www.sunse-inc.com)

## GENERAL NOTES

1. AS A MINIMUM STANDARD, ALL CONSTRUCTION WORK SHALL COMPLY WITH ALL APPLICABLE ADOPTED ZONING ORDINANCES, BUILDING CODES, BUILDING DEPARTMENT SUPPLEMENTARY PROCEDURES AND NEWSLETTERS AND NFPA BULLETINS.
2. THE GENERAL CONTRACTOR, THE SUBCONTRACTORS AND MATERIAL SUPPLIERS SHALL REFER TO THE DRAWINGS, SCHEDULES AND SPECIFICATIONS AS A WHOLE WHEN DETERMINING THE CONSTRUCTION REQUIREMENTS FOR A PROJECT.
3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING ALL AREAS ON THE PROJECT WHICH REQUIRE TOLERANCES BETWEEN ROUGH OPENINGS AND/OR FINISH MATERIALS AND PROVIDE FOR THE PROPER TOLERANCES TO COMPLETE THE CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
4. A. ALL DRAWINGS, SCHEDULES AND SPECIFICATIONS IN THE BID PACKAGE ARE TO BE CONSIDERED EQUAL PARTS OF THIS CONTRACT PACKAGE. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS, SCHEDULES AND SPECIFICATIONS, INCLUDING CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING OR ELECTRICAL. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY CORRECTIONS OR CHANGES ORUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING PRIOR TO THE SUBMISSION OF BIDS SO THAT CLARIFICATION MAY BE ISSUED.
5. A. ANY WORK PERFORMED IN CONFLICT WITH ANY PART OF THE CONTRACT DOCUMENTS OR ANY OTHER CODE REQUIREMENT SHALL BE CORRECTED AT THE GENERAL CONTRACTOR'S EXPENSE.
6. PRIOR TO THE START OF CONSTRUCTION, THE GENERAL CONTRACTOR SHALL VERIFY THE LOCATION OF THE TRANSFORMERS AND UNDERGROUND UTILITIES WITH APPROPRIATE UTILITY COMPANIES. IN ADDITION, THE GENERAL CONTRACTOR SHALL VERIFY THE ACTUAL STATIC WATER PRESSURE AT THE PROPERTY LINE AND REPORT THE FINDINGS IN WRITING TO THE ARCHITECT AND MECHANICAL ENGINEER PRIOR TO THE START OF CONSTRUCTION.
7. THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS SHALL BE RESPONSIBLE FOR THE COORDINATION OF THEIR WORK WITH THE WORK OF ALL OTHERS BEING DONE ON THE PROJECT. ANY WORK RELATED TO THEIRS WHICH MUST BE PROVIDED BY OTHERS, HAS BEEN COMPLETED AND IS ADEQUATE PRIOR TO COMMENCING THEIR WORK.
8. ALL DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE SHOWN ON PLANS, SECTIONS, AND DETAILS. DIMENSIONS ARE FACE OF STUDIOS OR SLAB UNLESS NOTED OTHERWISE OR UNLESS OTHERWISE SPECIFIED. DO NOT SCALE DRAWINGS.
9. THE GENERAL CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFETY ITEMS AND PROCEDURES DURING THE TERM OF CONSTRUCTION.
10. ALL EXITS FINISHED BY CODE SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT OR SHALL HAVE A SIGN READING "FIRE EXITS" OR "EXIT" LOCATED OUTSIDE.
11. ALL INTERIOR FINISHES SHALL CONFORM TO THE MINIMUM REQUIREMENTS OF CHAPTER 8 OF THE LATEST EDITION OF THE BUILDING CODE.
12. FIRE DAMPER ASSEMBLIES, INCLUDING LEAVES, AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.
13. FIRE AND DRAFT STOPS SHALL BE INSTALLED PER THE REQUIREMENTS OF THE UNIFORM BUILDING CODE.
14. OPENINGS IN FIRE-RESISTIVE CEILINGS SHALL BE PROTECTED PER THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE.
15. ELECTRICAL PENETRATIONS OF FIRE RESISTIVE WALL OR CEILING CONSTRUCTION SHALL BE INSTALLED PER THE INTERNATIONAL BUILDING CODE.
16. THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH TITLE 24, CA ADMINISTRATIVE CODE. SHOULD ANY CONDITIONS DEVELOPED NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA BUILDING CODE, THE GENERAL CONTRACTOR SHALL BE REQUIRED TO SUBMIT IT TO AND BE APPROVED BY THE OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT BEFORE PROCEEDING WITH THE WORK.
17. ALL ELECTRICAL OUTAGES SHALL BE SCHEDULED AND APPROVED BY THE HOSPITAL REPRESENTATIVE. REQUEST FOR PROPOSED OUTAGE SHALL BE SUBMITTED (IN WRITING) TO HOSPITAL REPRESENTATIVE FOR APPROVAL FOURTEEN (14) DAYS PRIOR TO THE PROPOSED OUTAGE.
18. ALL ELECTRICAL OUTAGES SHALL BE SCHEDULED AFTER NORMAL WORKING HOURS (8:00 PM - 7:00 AM MONDAY-FRIDAY), WITHOUT STRAYS, HOLIDAYS OR A TIME REQUESTED BY HOSPITAL REPRESENTATIVE. NO ELECTRICAL OUTAGES SHALL EXCEED ONE (1) HOUR DURATION WITHOUT TEMPORARY POWER BEING PROVIDED.
19. WHERE PROVIDED, THROUGH-PENETRATION FIRESTOP SYSTEM AND MEMBRANE PENETRATION DETAILS ARE FOR REFERENCE ONLY. THROUGH-PENETRATION FIRESTOP SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE THROUGH-PENETRATION FIRESTOP SYSTEM AND MEMBRANE PENETRATION FIRESTOP SYSTEM INSTALLED AS TESTED IN COMPLIANCE WITH ASTM E 814 OR UL 1479, WITH A MINIMUM POSITIVE PRESSURE DIFFERENTIAL OF 0.01 inch (2.49 Pa) OF WATER OR AS OTHERWISE PERMITTED BY CODE. SECTION 7.4.1 PERMITTED THROUGH-PENETRATION FIRESTOP SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE THROUGH-PENETRATION FIRESTOP SYSTEM AND MEMBRANE PENETRATION DETAILS FOR LISTED SYSTEMS. LISTED THROUGH-PENETRATION FIRESTOP SYSTEMS, MEMBRANE PENETRATION PROTECTION AND OTHER PERMITTED MEANS AND METHODS OF PENETRATION PROTECTION SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.

## FIRE PREVENTION NOTES

1. EXCEPT AS SPECIFICALLY PERMITTED BY THIS SECTION, EGRESS DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT. CBC, 1008.1.9.
2. ARRANGEMENT OF EXITS SHALL BE IN ACCORDANCE WITH 2016 CBC SECTION 1010.1.8.
3. EXIT DOORS FOR > 50 OCCUPANTS SERVING AN ASSEMBLY OCCUPANCY SHALL HAVE PANIC HARDWARE IN ACCORDANCE WITH CBC SECTION 1010.1.10.
4. ILLUMINATION; SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED BY TWO ELECTRIC LAMPS OR SHALL BE OF AN APPROVED SELF-ILLUMINATED TYPE.
5. POWER SUPPLY: CURRENT SUPPLY TO ONE OF THE LAMPS FOR THE EXIT SIGNS SHALL BE PROVIDED BY THE PREMISES' WIRING SYSTEM. POWER TO THE OTHER LAMP SHALL BE FROM STORAGE BATTERIES OR AN ON SITE GENERATOR SET.
6. FIRE DAMPER ASSEMBLIES, INCLUDING SLEEVES, AND INSTALLATION PROCEDURES SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO INSTALLATION.

## PROJECT LOCATION

**PROJECT LOCATION**  
**4002 VISTA WAY**  
**OCEANSIDE, CA 92056**

The map displays the project location at 4002 Vista Way, Oceanside, CA 92056. The site is marked with a red dot and an arrow. The map shows the intersection of Vista Way and Ronald Plackard Blvd. Surrounding landmarks include the Home Depot, Tri-City Hospital, and various commercial and residential streets. A north arrow is located in the top left corner.

## PROJECT DIRECTORY

**OWNER REP.**  
**TRI-CITY MEDICAL CENTER**  
**4002 VISTA WAY**  
**OCEANSIDE, CA 92056**  
**PHONE #: (760) 940-7709**  
**CONTACT: CHRIS MIECHOWSKI**

**RESPONSIBLE PARTY**  
SUN STRUCTURAL ENGINEERING, INC.  
2091 LAS PALMAS DR. SUITE D  
CARLSBAD, CA 92011  
PHONE #: (760) 438-1188  
CONTACT: CHANGHUA SUN

**ARCHITECT**  
BGI ARCHITECTURE  
2091 LAS PALMAS DRIVE, SUITE D  
CARLSBAD, CA 92011  
PHONE #: (760) 438-2963  
CONTACT: JOHN BEERY  
BGIARCHITECTURE.COM

## DRAWING LIST

T-1.0	PROJECT TITLE SHEET
T-1.1	TOMC SPC NPC RATING
AC-1	ARCHITECTURAL SITE PLAN
A-1	ACCESSIBLE PATH OF TRAVEL
A-2	OR #3 REFLECTED CEILING PLANS AND DETAILS
A-3	OR #3 ARCHITECTURAL DETAILS
S-1	STRUCTURAL - GENERAL NOTES
S-2	STRUCTURAL - PARTIAL EXISTING ROOF FRAMING PLAN
SD-1	STRUCTURAL - DETAILS
SD-2	STRUCTURAL - DETAILS
E-1	ELECTRICAL LEGEND, SYMBOLS, GENERAL NOTES
E-2	ELECTRICAL SINGLE LINE DIAGRAM & PANEL SCHEDULE
E-3	ELECTRICAL - PARTIAL FIRST FLOOR PLAN POWER
	DEMO & NEW
E-4	ELECTRICAL - DETAILS
E-5	ELECTRICAL - OR #3 LIGHTING DEMO
E-6	ELECTRICAL - OR #3 LIGHTING MODIFIED



NOTE: NOT ALL ABBREVIATIONS ARE USED WITHIN THIS SET OF DRAWINGS. TYPE

CONSULTANT

**BGI**  
**ARCHITECTURE**  
Beery Group Inc.  
2091 Las Palmas Drive  
St. D  
Carlsbad, CA 92011



REVISIONS:

1 OSHPD COMMENTS 04/03/2017

AGENCY APPROVAL



05/01/2017 09:58:44 AM

#[S170375-37-00] OSHPD #, S170375-37-00

DATE: 02/28/2017

DRAWN BY: BPE

PROJECT # 2017-01

**SHEET NAME:**

TITLE SHEET

SHEET#

# T-1.0



# Tri-City Medical Center Facility No. 12372

SPC4, NPC2

BLD-01144 - North Wing -  
Bldg 02

BLD-05487 - Behavioral  
Health Unit - Bldg 11

SPC4S, NPC2

BLD-02871 - Perinatal Unit/  
Women's Center - Bldg 15A

SPC4S, NPC2

BLD-02872 - Perinatal Unit/  
Womens Center Canopy 1 -  
Bldg 15B

SPC4S, NPC2

BLD-02873 - Perinatal Unit/  
Womens Center Canopy 2 -  
Bldg 15C

SPC4S, NPC2

BLD-02874 - Perinatal  
Unit/Womens Center  
Canopy 3 - Bldg 15D

SPC4, NPC2

BLD-01155 - Ancillary  
Building - Bldg 13

SPC4, NPC4

BLD-02870 - Emergency  
Room Addition Canopy -  
Bldg 14B

SPC4, NPC2

BLD-01151 - Emergency  
Room Addition - Bldg 14A

SPC4, NPC2

BLD-01150 - 1976  
Radiology Addition - Bldg 08

SPC4, NPC1

BLD-01149 - Materials/  
Laboratory Building - 07

SPC4, NPC1

BLD-01148 - 1976 Center  
Complex Addition - Bldg 06

SPC2, NPC2

BLD-02868 - South Tower  
Stair Shaft - Bldg 04B

BLD-01154 - Pavilion  
Building - Bldg 12A

SPC4, NPC4

BLD-01145 - Center  
Complex - North - Bldg 03A

SPC4, NPC2

BLD-01143 - Center Tower  
- Bldg 01

SPC2, NPC2

BLD-01153 - Pavilion  
Building Canopy - Bldg 12B

SPC4, NPC4

BLD-01152 - Administration  
Building - Bldg 10

SPC4, NPC3

BLD-02875 - Surgery  
Addition 1 - Bldg 16A

SPC3, NPC2

BLD-02876 - Surgery  
Addition 2 - Bldg 16B

SPC3, NPC2

BLD-02877 - Surgery  
Addition Canopy - Bldg 16C

SPC3, NPC2

BLD-02878 - Central Plant -  
Bldg 17

SPC4S, NPC2

BLD-01147 - Electrical  
Building - Bldg 05A

SPC4S, NPC2

BLD-02869 - Electrical  
Building Addition - Bldg 05B

SPC4S, NPC2

BLD-03766 - Center  
Complex - South - Bldg 03B

SPC3, NPC2

BLD-01146 - South Tower -  
Bldg 04A

SPC2, NPC2

OCEANSIDE

PROPERTY LINE

VISTA WAY

HIGHWAY 78

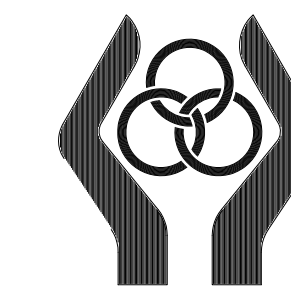
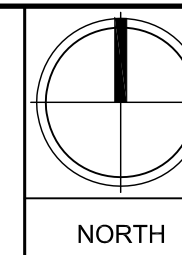
VISTA

THUNDER DRIVE

NORTH

SITE PLAN

SCALE



TRI-CITY MEDICAL CENTER  
4002 VISTA WAY  
OCEANSIDE, CA 92056  
T: (760) 724-8411



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TRI-CITY MEDICAL CENTER  
OR3 LIGHT REPLACEMENT

4002 VISTA WAY, OCEANSIDE CA 92056

CONSULTANT:

BGI  
ARCHITECTURE  
Beery Group Inc.  
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St. D  
Carlsbad, CA 92011  
(760) 438-2963  
bgiarchitect.com



REVISIONS:

1 QSHPD COMMENTS 04/03/2017

AGENCY APPROVAL



DATE: 02/28/2017

DRAWN BY: BPB

PROJECT # 2017-01

SHEET NAME:

TCMC SPC NPC RATING

SHEET #

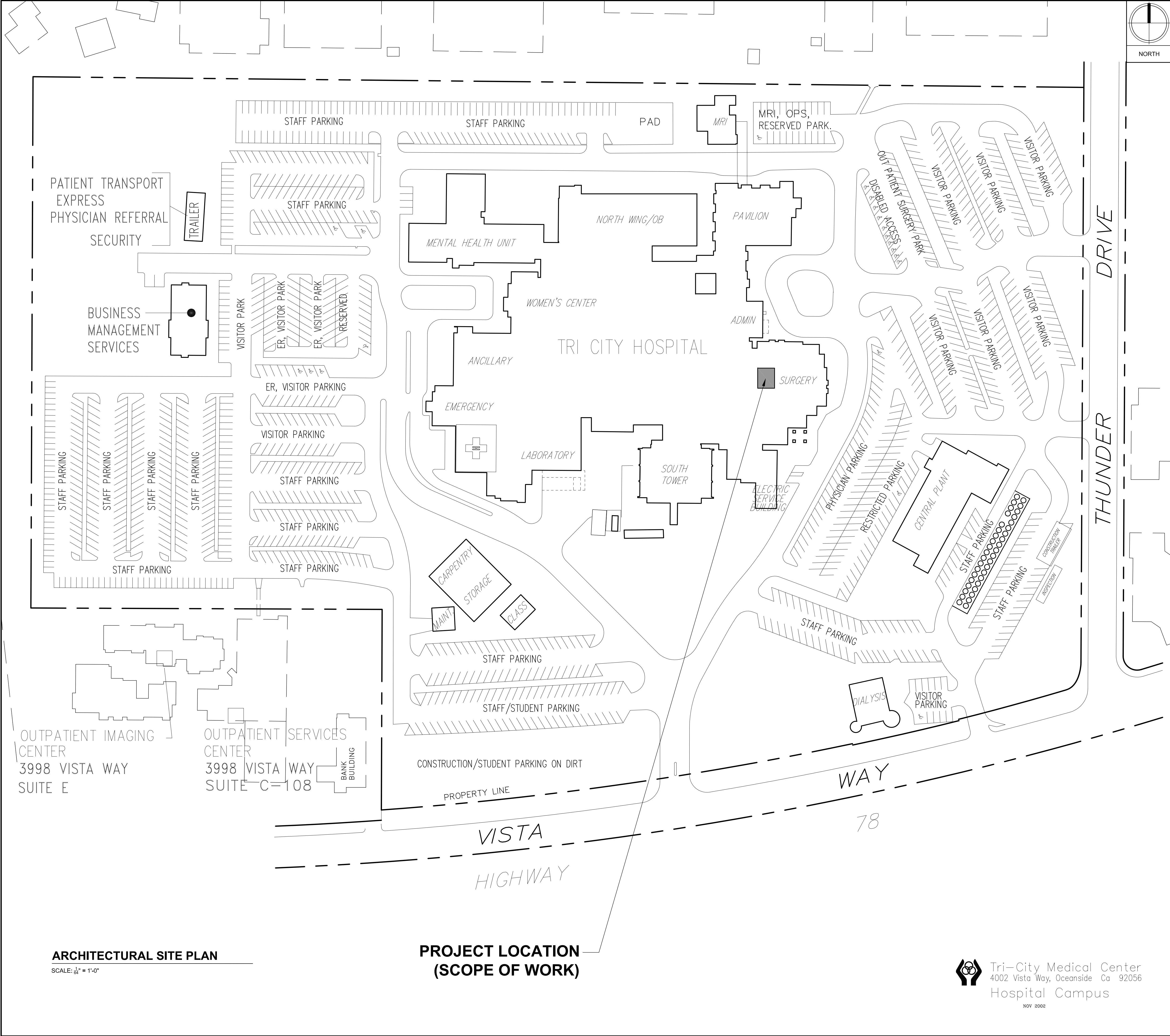
T-1.1

TRI-CITY MEDICAL CENTER OVERALL SITE PLAN WITH SPC AND NPC RATING

SCALE: N.T.S.



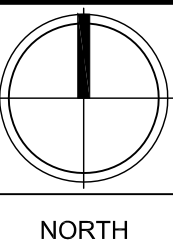




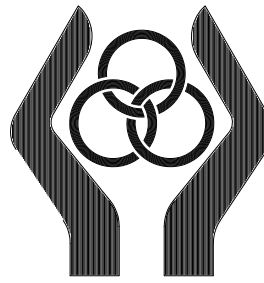
ARCHITECTURAL SITE PLAN  
SCALE: 1/8" = 1'-0"

PROJECT LOCATION  
(SCOPE OF WORK)

Tri-City Medical Center  
4002 Vista Way, Oceanside Ca 92056  
Hospital Campus  
NOV 2002



KEYNOTES



TRI-CITY MEDICAL CENTER  
4002 VISTA WAY  
OCEANSIDE, CA 92056  
T: (760) 724-8411



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TRI-CITY MEDICAL CENTER  
OR3 LIGHT REPLACEMENT

4002 VISTA WAY, OCEANSIDE CA 92056

ARCHITECTURAL LEGEND

- |           |                      |
|-----------|----------------------|
| 1         | Doors                |
| A         | Windows              |
| 1         | Keynote              |
| A         | Wall Type            |
| ROOM NAME | Room Name & Number   |
| 01        |                      |
| 01<br>A-1 | Detail Callout       |
| 01<br>A-1 | Building Section     |
| 1         | Interior Elevation   |
| 1<br>A-1  | Storefront Elevation |
| 1<br>A-1  | Building Elevation   |
| —         | New Wall             |
| —         | Existing Wall        |
|           | Demolition           |
|           | Insulation           |
| ---       | Overhead             |
| ---       | Centerline           |
| ---       | Property Line        |
| 1         | Revision             |

NOTE: NOT ALL SYMBOLS SHOWN ABOVE ARE  
USED IN THIS SET OF DRAWINGS.

CONSULTANT:

BGI  
ARCHITECTURE  
Beery Group Inc.  
2091 Las Palmas Drive,  
St. D  
Carlsbad, CA 92011  
(760) 438-2963  
bgiarchitect.com



REVISIONS:

1	QSHPD COMMENTS	04/03/2017
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AGENCY APPROVAL



05/03/2017 09:58:44 AM  
#1509283740  
QSHPD # S170375-37-00

DATE: 02/28/2017

DRAWN BY: BPB

PROJECT # 2017-01

SHEET NAME:

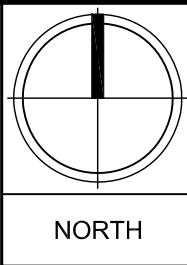
ARCHITECTURAL SITE PLAN

SHEET#

AC-1







KEYNOTES

- 1) (E) ACCESSIBLE MAIN ENTRANCE  
2) (E) ACCESSIBLE PATH OF TRAVEL, TYP.  
3) (E) ACCESSIBLE PUBLIC TELEPHONE  
4) (E) ACCESSIBLE PUBLIC TOILETS  
5) (E) ACCESSIBLE PUBLIC DRINKING FOUNTAIN



TRI-CITY MEDICAL CENTER  
4002 VISTA WAY  
OCEANSIDE, CA 92056  
T: (760) 724-8411



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TRI-CITY MEDICAL CENTER  
OR3 LIGHT REPLACEMENT

4002 VISTA WAY, OCEANSIDE CA 92056

CONSULTANT:

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Carlsbad, CA 92011  
(760) 438-2963  
bgiarchitect.com



REVISIONS:

1	QSHPD COMMENTS	04/03/2017
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AGENCY APPROVAL



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#14098801 S170375-37-00

DATE: 02/28/2017

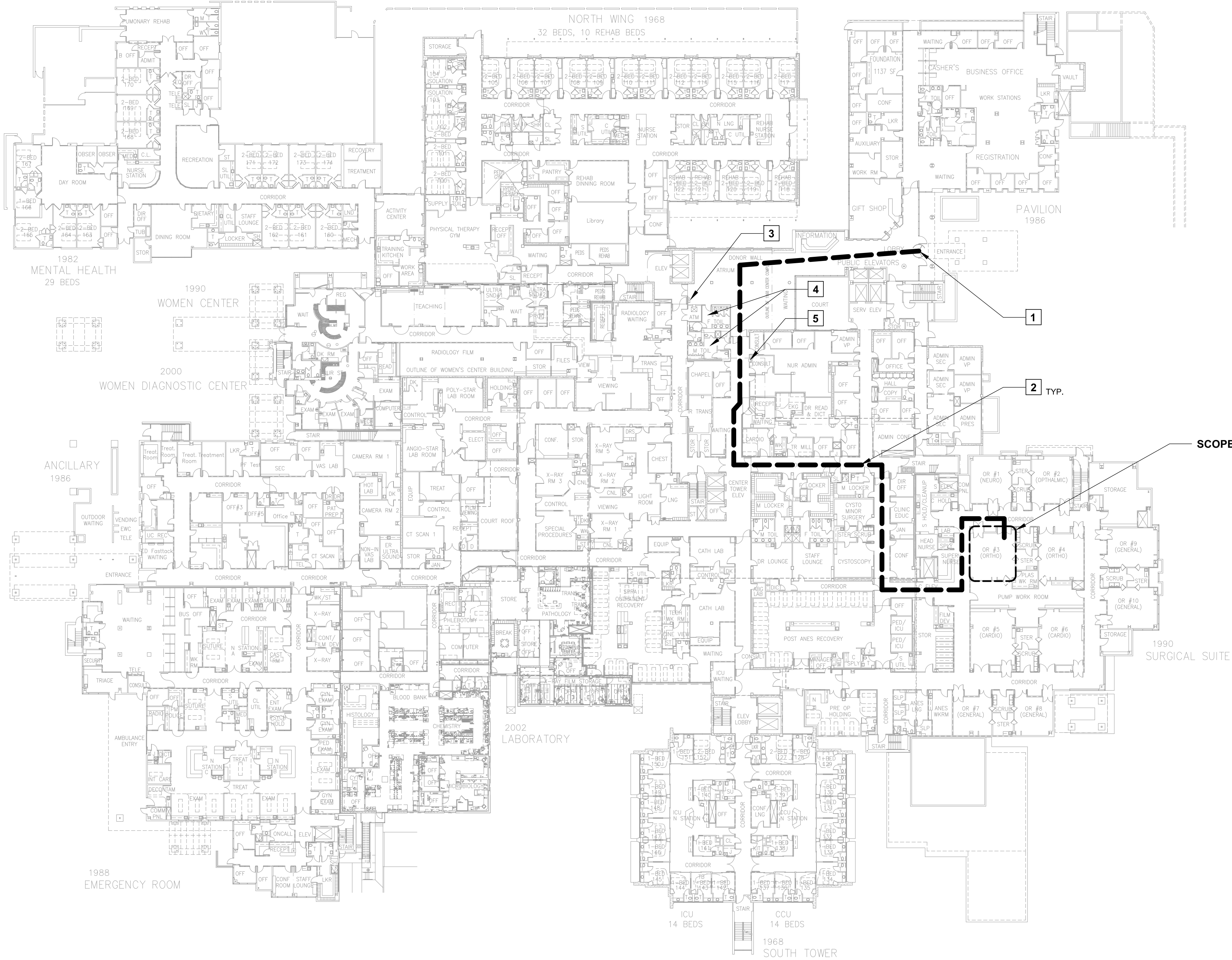
DRAWN BY: BPB

PROJECT # 2017-01

SHEET NAME:  
ACCESSIBLE PATH  
OF TRAVEL

SHEET#

A-1



ACCESSIBLE PATH OF TRAVEL

SCALE: 1/32" = 1'-0"



Tri-City Medical Center  
4002 Vista Way, Oceanside Ca 92056  
Hospital Campus

NOV 2002







## UNIVERSAL FLUSH ACCESS DOOR Model DSC-214M

Prime Coated Steel or Stainless Steel

DATE



**KARP ASSOCIATES, INC.**  
280 Spagnoli Road Melville, NY 11747  
(831) 788-8900 - Phone  
(831) 788-8900 - Fax

### SPECIFICATIONS

**GENERAL SCOPE:**  
Access doors shall be Karp Type DSC-214M as manufactured by Karp Associates, Inc., Melville, N.Y.  
Sizes shall be as indicated on the drawings.

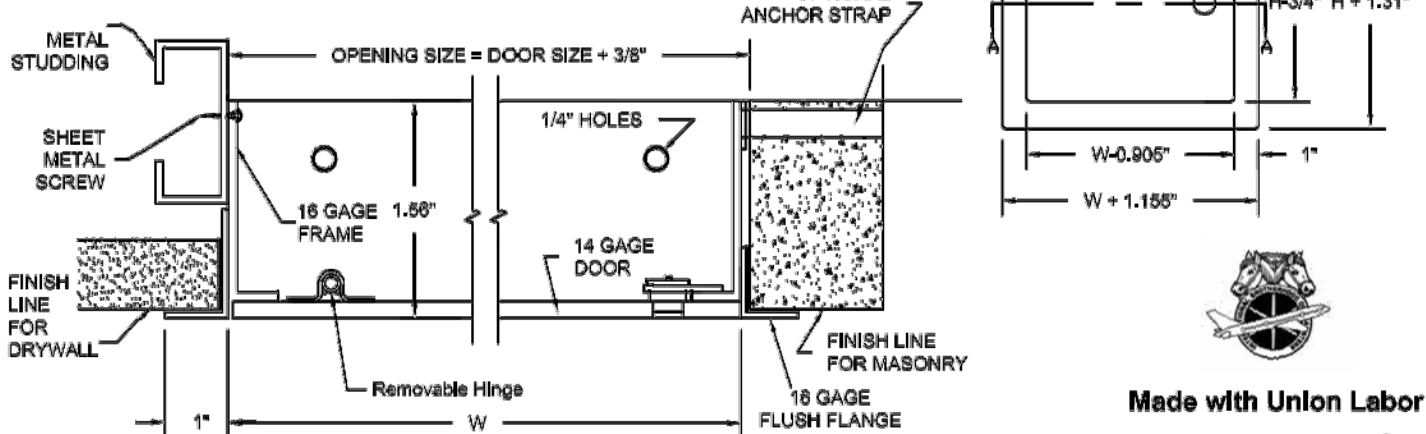
### CONSTRUCTION:

1. Frame shall be 16 gage steel and door shall be 14 gage steel.
  2. Flange of frame shall be one-piece construction, 1.00" wide.
  3. Door and trim shall have radius corners.
  4. Hinge shall be pin type, spring loaded making door removable.
  5. Locks shall be flush and screwdriver operated with steel can and studs, or shall be key operated cylinder lock with automatic dust shutter.
  6. Masonry anchor straps can be included on frames if specified.
  7. Finish shall be prime coat of rust inhibitive electrostatic powder, baked white enamel. Stainless steel shall have No. 4 satin polish finish.
- \* When hinge side is greater than 48", door shall have a continuous piano hinge for rigidity.

### STANDARD SIZES

DOOR SIZE H X W (IN.)	WALL/CEILING OPENING (IN.)	# OF LATCHES	SHIP WT. (LBS.)
6' x 6'	6 3/8 x 6 3/8	1	2.1
6' x 8'	6 3/8 x 8 3/8	1	3.1
10' x 10"	10 3/8 x 10 3/8	1	4.8
12' x 6'	12 3/8 x 6 3/8	1	4.8
12' x 12"	12 3/8 x 12 3/8	1	6.3
14' x 14'	14 3/8 x 14 3/8	2	8.2
16' x 12'	16 3/8 x 12 3/8	2	7.5
16' x 16'	16 3/8 x 16 3/8	2	9.9
18' x 12'	18 3/8 x 12 3/8	2	8.9
18' x 18"	18 3/8 x 18 3/8	2	12.2
20' x 18'	20 3/8 x 18 3/8	2	11.8
22' x 22'	22 3/8 x 22 3/8	2	16.8
24' x 12'	24 3/8 x 12 3/8	2	10.6
24' x 18'	24 3/8 x 18 3/8	2	16.6

\* STOCK SIZES AVAILABLE IN 3'S



Made with Union Labor

BOTTOM OF (E) TWO HOUR F.R. ASSEMBLY  
EQUAL TO UL #0916 - CONC. ON METAL DECK  
SUPPORTED BY STEEL FRAMING PROTECTED  
WITH CEMENTITIOUS FIREPROOFING

WHERE NEW STRUCTURAL ATTACHMENT  
OCCURS, RESTORE & REPLACE EXISTING  
CEMENTITIOUS FIREPROOFING WITH 2 HOUR  
MIN. SPRAY ON CEMENTITIOUS FIRE PROOFING  
PER UL D779, TYP.

(N/E) STRUCTURAL  
SUPPORTS, SEE  
STRUCTURAL  
DRAWINGS, TYP. FOR  
MORE INFO

(E) GYPSUM BOARD  
CEILING

NEW MOUNTING  
PLATE BY MFG.

LINE OF NEW SOFFIT  
COVER BY MFG.  
VERIFY GWB CEILING  
HOLE DIAMETER WITH  
MFG INSTALLATION  
INSTRUCTIONS, TYP.

FINISH HARD-LID  
CEILING

(N) DOUBLE (FLIPPED  
TOGETHER) HAT  
CHANNEL (25 GA. MATCH  
(E) WHERE REQ'D W/  
INVERTED 16 GA. ANGLE,  
SIZE ANGLE TO  
ACCOMMODATE  
FLUSH-OUT W/ FIN.  
CEILING ATTACH W/ #10  
SHEET METAL SCREWS.

(N) HAT CHANNEL (25 GA. MATCH (E))  
(FLIPPED ON TOP OF (E) HAT  
CHANNEL) WHERE REQ'D W/  
INVERTED 16 GA. ANGLE, SIZE  
ANGLE TO ACCOMMODATE  
FLUSH-OUT W/ FIN. CEILING ATTACH  
W/ #10 SHEET METAL SCREWS

(E) MAIN RUNNER

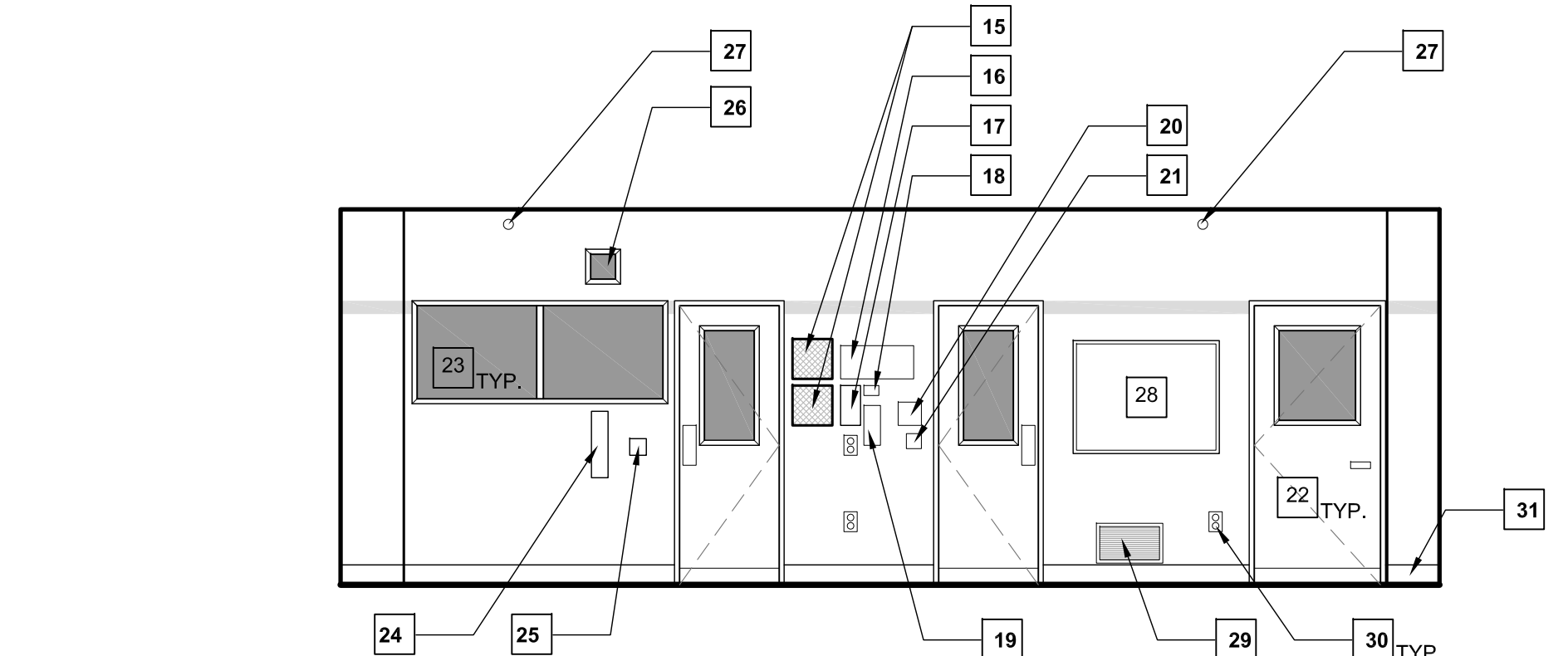
(N) ACCESS PANEL ATTACHED TO  
INVERTED 16 GA. ANGLE PER MFG.  
RECOMMENDATIONS, TYP.

## 01 ACCESS PANEL OPENING

SCALE: 1" = 1'-0"

## 02 FINISHED OPENING SIZES

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

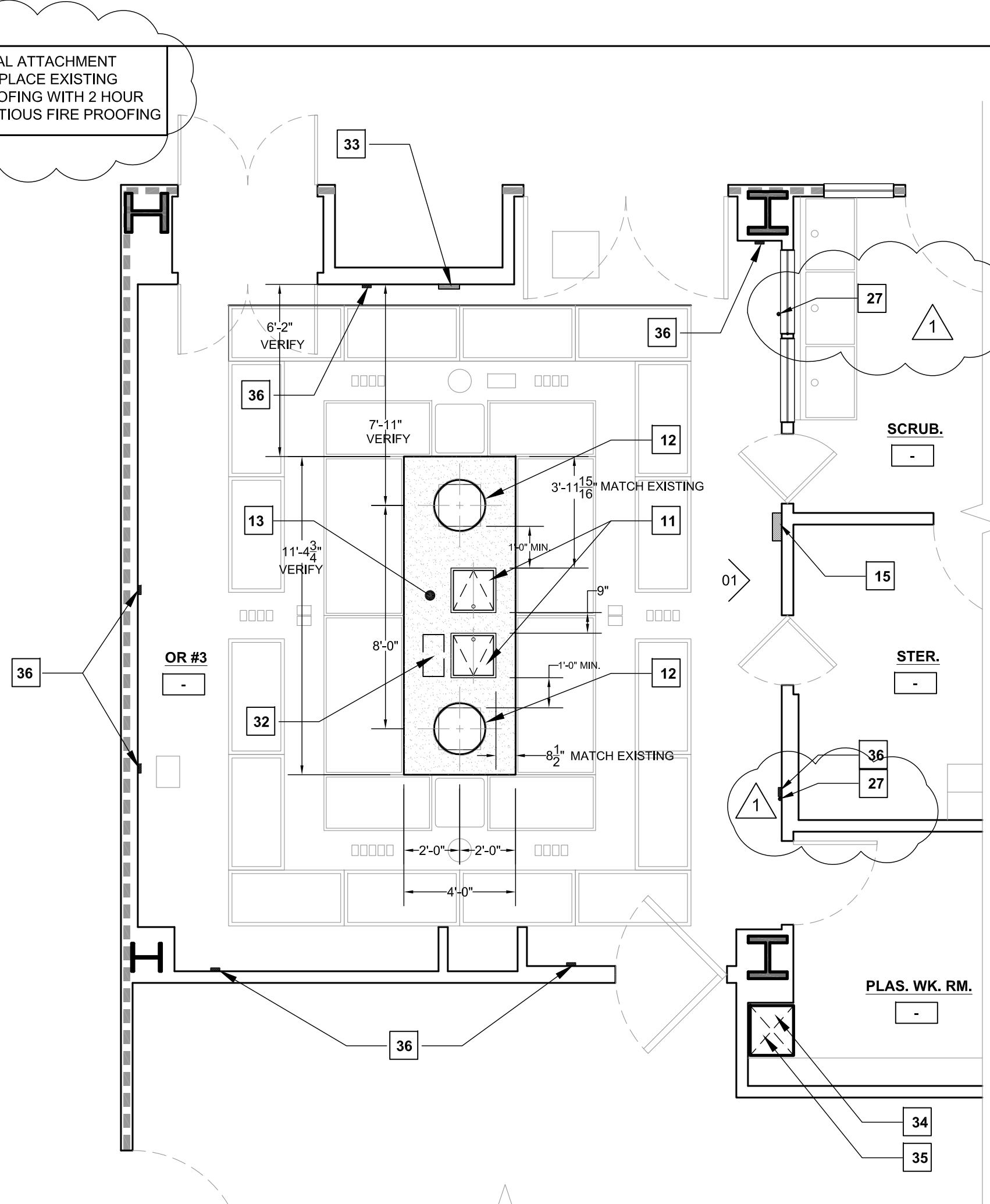


## 01 EXISTING AND PROPOSED OR #3 INTERIOR ELEVATION - EAST

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

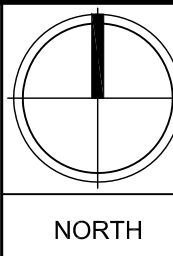
## EXISTING & DEMO REFLECTED CEILING PLAN - OR #3

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



## NEW REFLECTED CEILING PLAN - OR #3

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



## RCP DEMOLITION NOTES

1. ALL DEMOLITION WORK SHALL BE PERFORMED WITH "DUE CARE AND DILIGENCE" SO AS TO PREVENT THE ARBITRARY DESTRUCTION OR INTERRUPTION OF CONCEALED UTILITIES WHICH ARE INTENDED TO REMAIN IN USE AND THE ROUTING OF WHICH COULD NOT BE PREDETERMINED UNTIL DEMOLITION WAS STARTED. ALL SUCH DISCOVERIES OF UTILITIES DURING THE DEMOLITION PROCESS WHICH ARE IN A LOCATION DIFFERENT FROM THAT INDICATED, CHANGE DIRECTION FROM FLOOR TO FLOOR, ETC. OR ARE UNIDENTIFIED SHALL BE REPORTED TO THE ARCHITECT BEFORE REMOVAL OR ALTERATION.
2. SEE STRUCTURAL AND ELECTRICAL PLANS FOR THE EXTENT OF THE CUTTING AND PATCHING REQUIREMENTS NECESSITATED BY THAT PORTION OF THE WORK.
3. REMOVE PORTIONS OF EXISTING CONSTRUCTION DESIGNATED AND/OR SHOWN AND PATCH REMAINING SURFACES TO MATCH THE ADJACENT CONSTRUCTION.
4. EXISTING AREA, WHETHER WITHIN OR OUTSIDE THE LIMITS OF THE CONTRACT, SHALL BE REPAIRED WHERE ANY DAMAGE HAS OCCURRED DUE TO CONSTRUCTION.
5. FIRE SPRINKLERS TO REMAIN (NO MODIFICATION PROPOSED TO THE FIRE SUPPRESSION SYSTEM), PROTECT ALL FIRE SUPPRESSION DEVICES DURING DEMOLITION AND CONSTRUCTION.
6. RELOCATE ALL CONTENTS OF SURGICAL SUITE TO TEMPORARY STORAGE AREA.
7. CLEAN UP DEBRIS IN INTERSTITIAL SPACE.

## RCP GENERAL NOTES

1. ALL DIMENSIONS TO FACE OF STRUCTURAL MATERIAL U.O.N. GRID LINES INDICATE FACE OF STRUCTURAL MATERIAL OR CENTERLINE U.O.N.
2. WRITTEN DIMENSIONS TO PREVAIL OVER SCALING OF DRAWINGS. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
3. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
4. FIRE SPRINKLERS TO REMAIN (NO MODIFICATIONS PROPOSED TO FIRE SUPPRESSION SYSTEM). PROTECT ALL FIRE SUPPRESSION DEVICES DURING CONSTRUCTION.
5. PATCH AND PAINT CEILING TO MATCH EXISTING AS REQUIRED (MATCH (E) SHEET METAL FINISH AND EPOXY PAINT PER AS-BUILTS).
6. MAINTAIN NEGATIVE AIR IN OPERATING ROOM SUITES, TYP.
7. NEW 18" x 18" ACCESS PANELS REQUIRED. (MINIMUM 18" x 18" PLACE BELOW MEDICAL GAS/VACUUM CONNECTIONS FOR COMPLIANCE WITH NFPA 99).

## ACCESS PANEL NOTES

1. ACCESS PANEL MUST BE RATED FOR OPERATING ROOM USE.
2. MANUFACTURER RECOMMENDS MODEL DSC-214M IN STAINLESS STEEL.
3. FOR OPERATING ROOM USE, MANUFACTURER RECOMMENDS INSULATED, SMOKE SEAL/AIR SEAL GASKET.
4. ALL ACCESS PANELS TO BE INSTALLED W/ #10 SCREWS OR AS REQUIRED BY MFG. INSTALLATION INSTRUCTIONS, TYP.

## KEYNOTES

- 1) REMOVE EXISTING GWB CEILING G.W.B. DROP CEILING FRAME ONLY FROM WITHIN HATCHED AREA, TYP. RECONSTRUCT FRAME AND DRYWALL CEILING PER DETAILS 03, 04 & 05 SHEET A-3.
- 2) EXISTING HVAC DIFFUSERS TO REMAIN, TYP.
- 3) EXISTING LIGHT FIXTURES TO REMAIN, TYP.
- 4) EXISTING CEILING MOUNTED UTILITY COLUMN TO REMAIN, TYP.
- 5) EXISTING CEILING MOUNTED ACCESS PANEL TO REMAIN.
- 6) REMOVE EXISTING SURGICAL LIGHT
- 7) REMOVE EXISTING CEILING ACCESS PANEL
- 8) SPEAKER TO REMAIN AS EXISTING, TYP.
- 9) ELECTRICAL CEILING OUTLETS TO REMAIN AS EXISTING, TYP.
- 10) CEILING FLOOD LIGHTS TO REMAIN AS EXISTING, TYP.
- 11) NEW ACCESS PANEL: "KARP" BRAND DSC-214M 18" x 18" MODEL PER CUT SHEET (SEE THIS SHEET A-2). ACCESS PANEL R.O. PER MFG. ACCESS PANEL TO BE LOCATED MIN. 1'-0" FROM SURGICAL LIGHT MOUNTING PLATE, TYP.
- 12) NEW SURGICAL LIGHT & FLAT PANEL ARM, INSTALLATION PER STRUCTURAL PLANS & DETAILS & MFG. INSTALLATION INSTRUCTIONS. CEILING DRYWALL HOLE TO BE 22" DIAMETER CIRCLE CENTERED ON MOUNTING PLATE. PER MFG. AFTER SURGICAL LIGHT INSTALLATION, 23" PER MFG. COVER OF CEILING HOLE TO CONCEAL HOLE PER MFG. INSTALLATION INSTRUCTIONS, TYP.
- 13) NEW FINISH CEILING SURFACE, TYP.
- 14) NOT USED
- 15) EXISTING WALL MOUNTED TOUCH PANELS TO BE REPLACED WITH NEW SP3-WALL MOUNTED TOUCH PANELS PER MFG. PRE-INSTALLATION NOTES, TYP.
- 16) (E) GLOVE DISPENSER TO REMAIN
- 17) (E) INTERCOM TO REMAIN
- 18) (E) THERMOSTAT TO REMAIN
- 19) (E) BOOKLET TO REMAIN
- 20) (E) TELEPHONE TO REMAIN
- 21) (E) TOGGLES TO REMAIN
- 22) (E) DOOR W/ INSET WINDOW TO REMAIN
- 23) (E) WINDOW TO REMAIN
- 24) (E) FIRE EXTINGUISHER TO REMAIN
- 25) (E) PUSH ACTIVATED DOOR OPENER TO REMAIN
- 26) (E) CLEARSTORY WINDOW TO REMAIN
- 27) (E) FIRE SPRINKLER TO REMAIN
- 28) (E) WHITE BOARD TO REMAIN
- 29) (E) REGISTER TO REMAIN
- 30) (E) ELECTRICAL OUTLET TO REMAIN, TYP.
- 31) (E) 6" BASE TO REMAIN, TYP.
- 32) NEW SK BOX PER MFG. ABOVE FINISHED CEILING - SEE STRUCTURAL AND ELECTRICAL FOR MORE INFORMATION.
- 33) CHROMOPHORE LED LIGHT & CAMERA WALL CONTROL PANEL PER DETAIL 7 & 8/A-3.
- 34) IN-LIGHT CAMERA CCU
- 35) SWITCHPOINT INFINITY 3 CONTROL SYSTEM PER DETAIL 7 & 8/A-3.
- 36) SINGLE GANG DVI WALL PLATES (TOTAL OF 7).

## ARCHITECTURAL LEGEND

- |           |                      |
|-----------|----------------------|
| 1         | Doors                |
| A         | Windows              |
| 1         | Keynote              |
| A         | Wall Type            |
| ROOM NAME | Room Name & Number   |
| 01        |                      |
| 01        | Detail Callout       |
| A-1       |                      |
| 01        | Building Section     |
| 1         |                      |
| A-1       | Interior Elevation   |
| 1         |                      |
| A-1       | Storefront Elevation |
| A-1       |                      |
| A-1       | Building Elevation   |
|           | New Wall             |
|           | Existing Wall        |
|           | Demolition           |
|           | Insulation           |
|           | Overhead             |
|           | Centerline           |
|           | Property Line        |
| 1         | Revision             |

NOTE: NOT ALL SYMBOLS SHOWN ABOVE ARE USED IN THIS SET OF DRAWINGS.



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## REVISIONS:

1 QSHPD COMMENTS 04/03/2017

## AGENCY APPROVAL



05/03/2017 09:58:44 AM

QSHPD #S170375-37-00

DATE: 02/28/2017

DRAWN BY: BPB

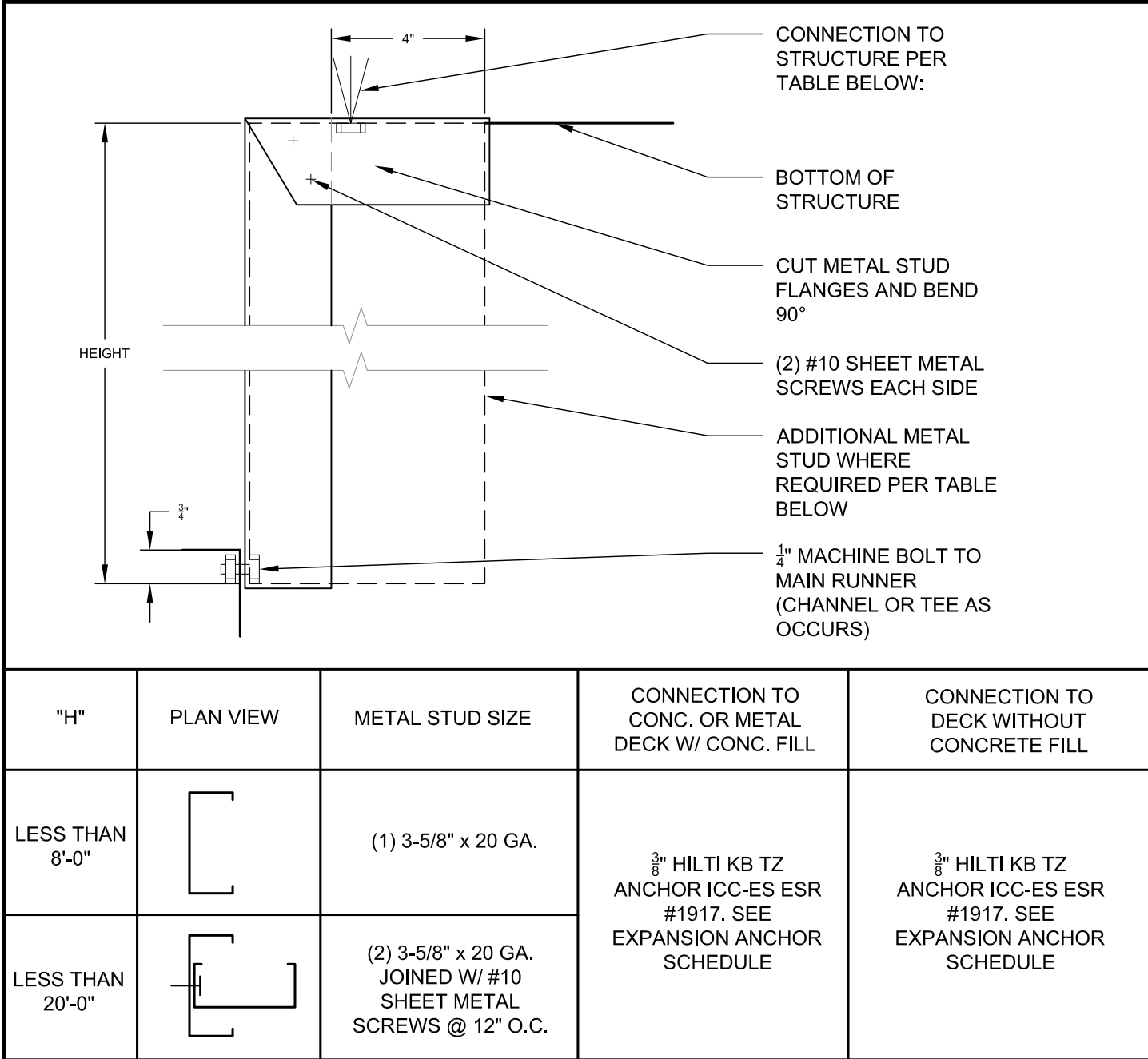
PROJECT # 2017-01

SHEET NAME:  
OR #3 REFLECTED CEILING  
PLANS AND DETAILS

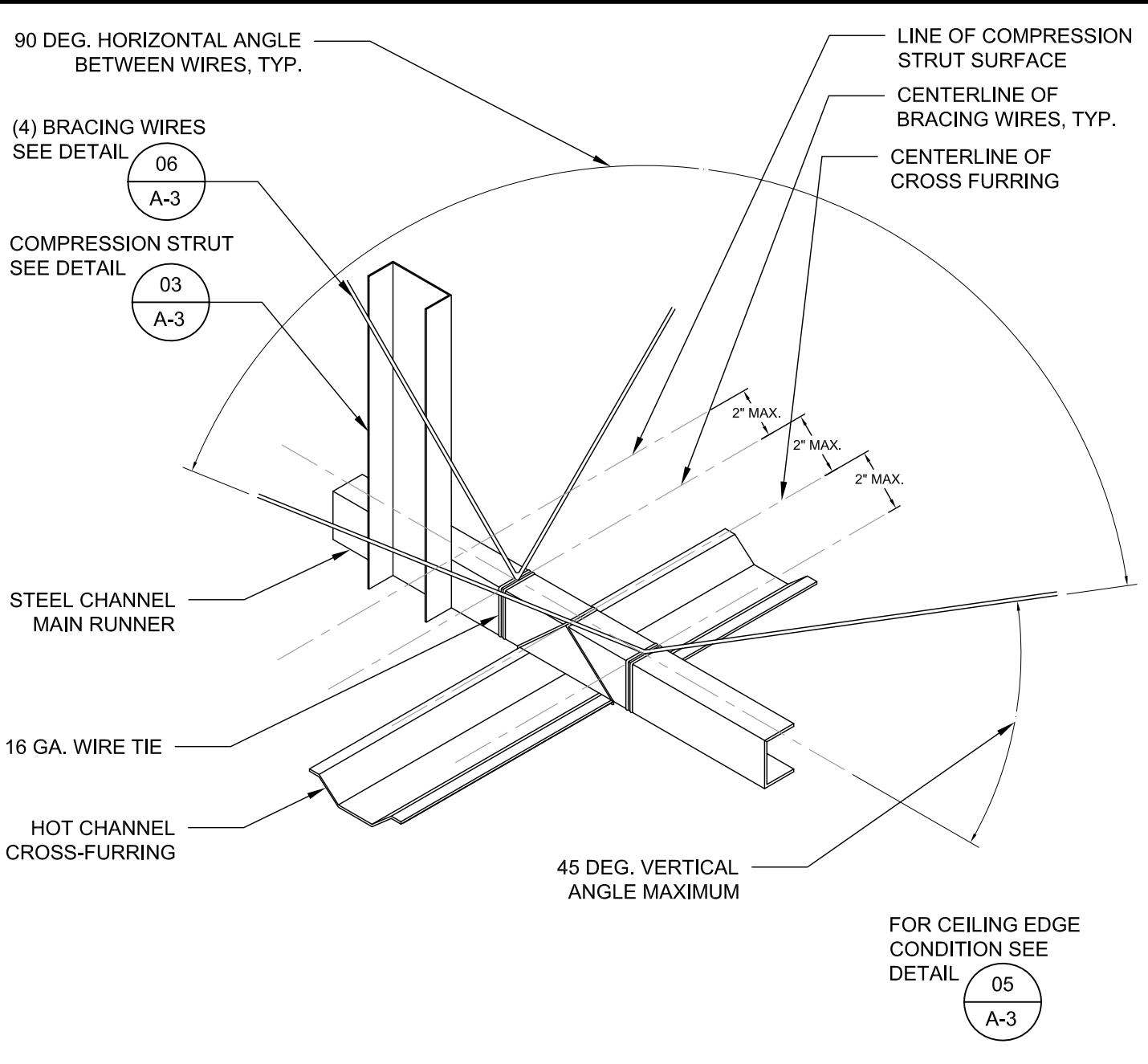
SHEET #

A-2

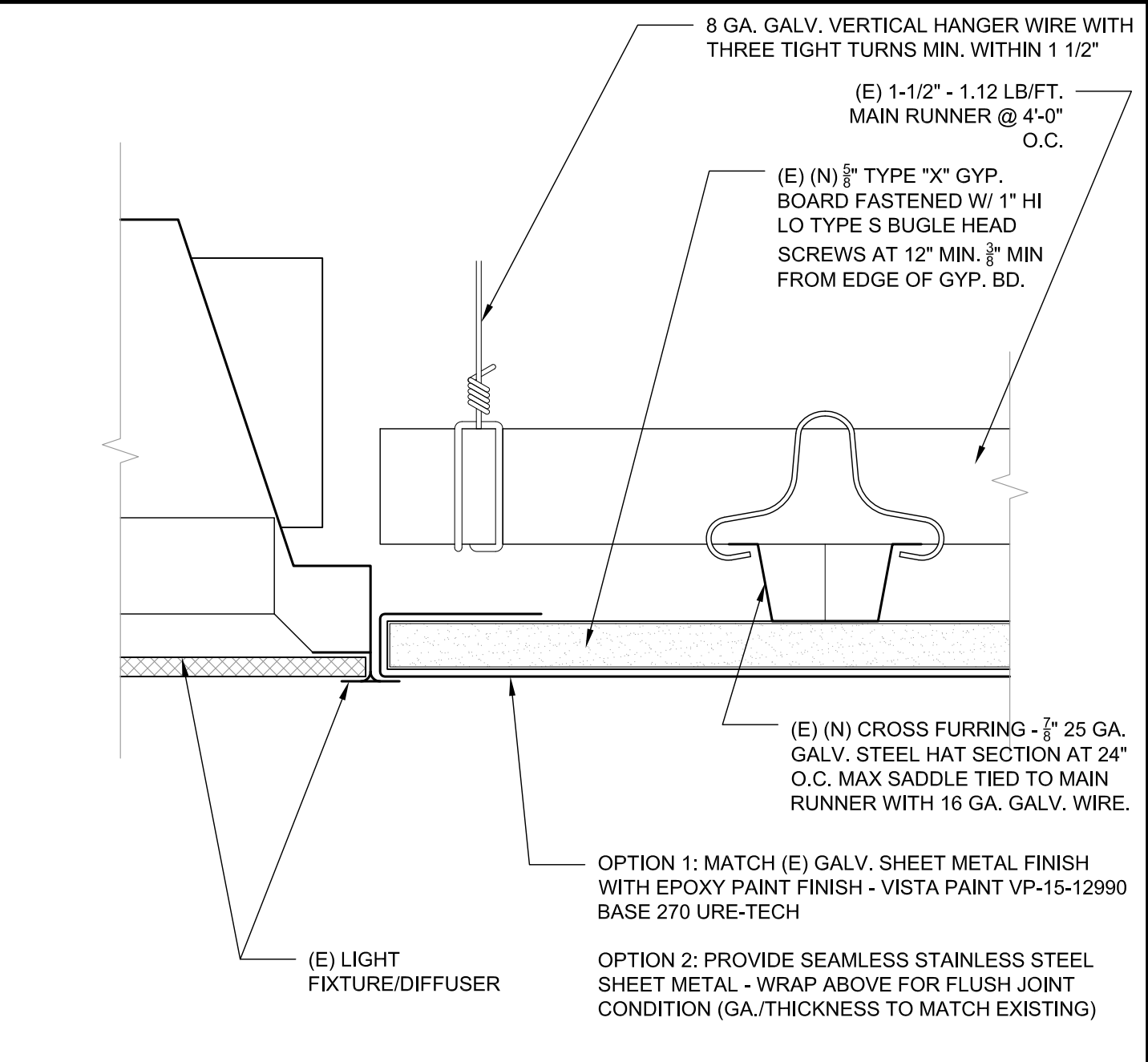




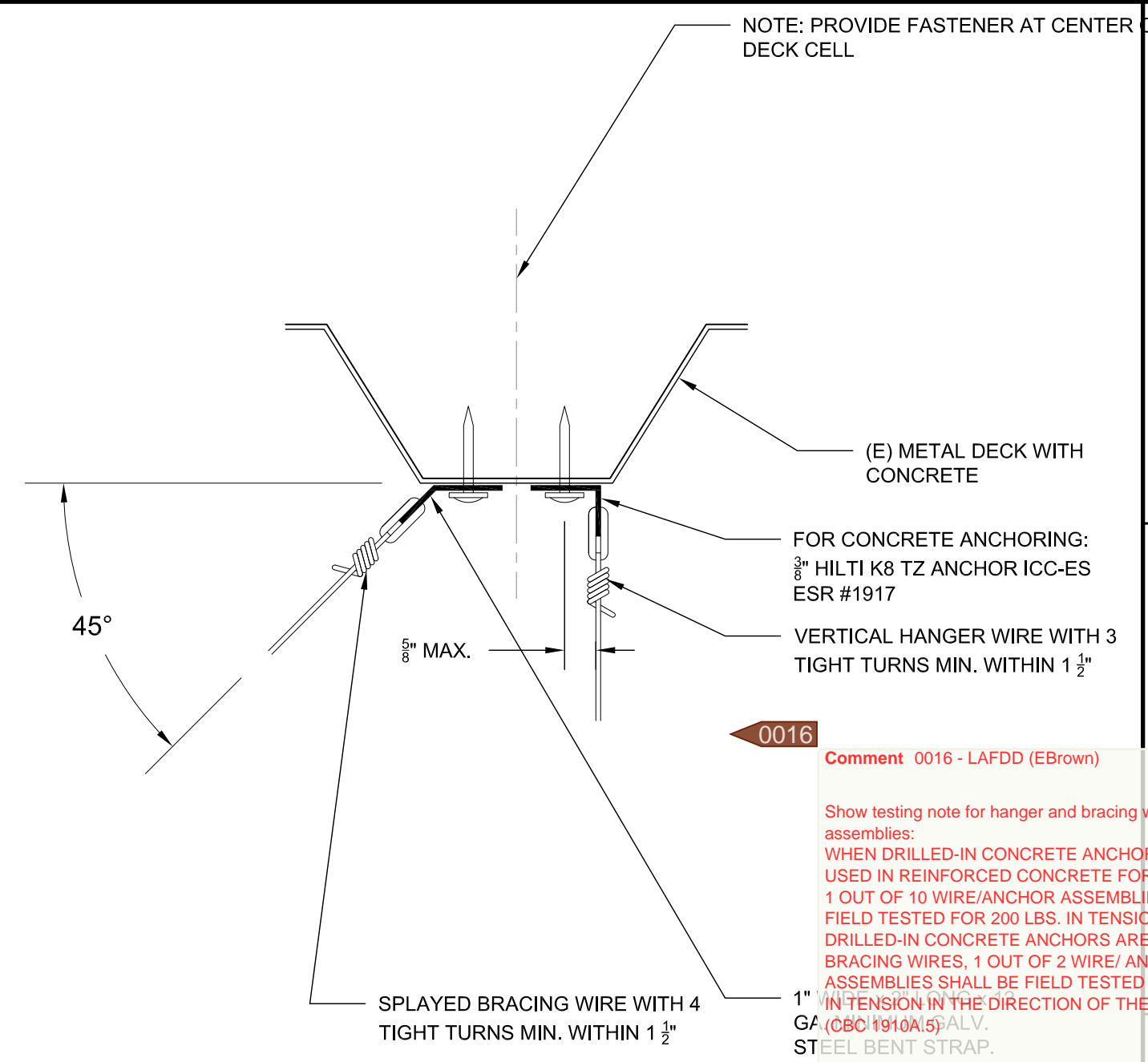
**03 CEILING COMPRESSION STRUT**  
SCALE: 3/8" = N.T.S.



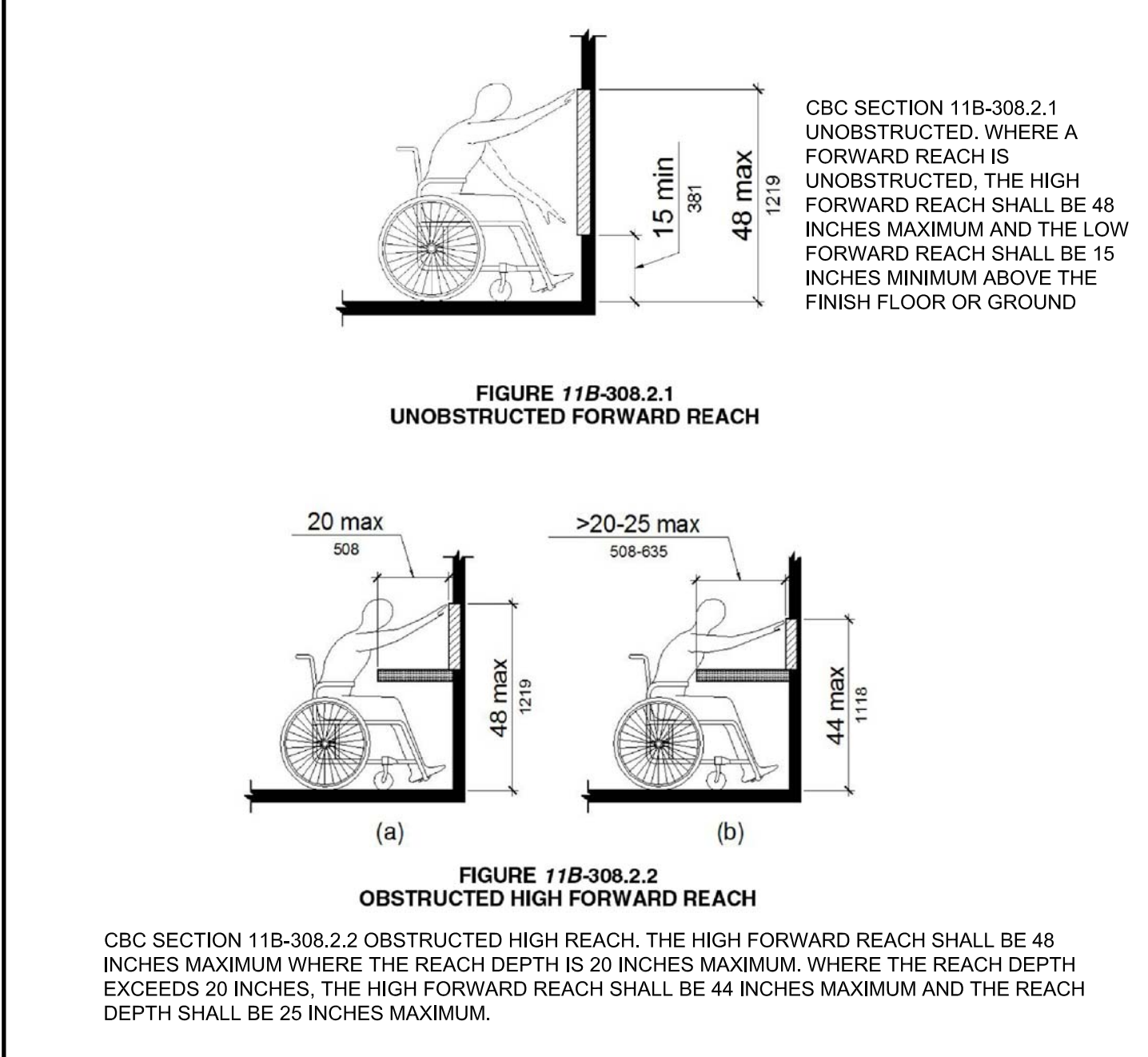
**04 SUSPENDED GYPSUM BOARD CEILING**  
SCALE: 1 3/8" = 1'-0"



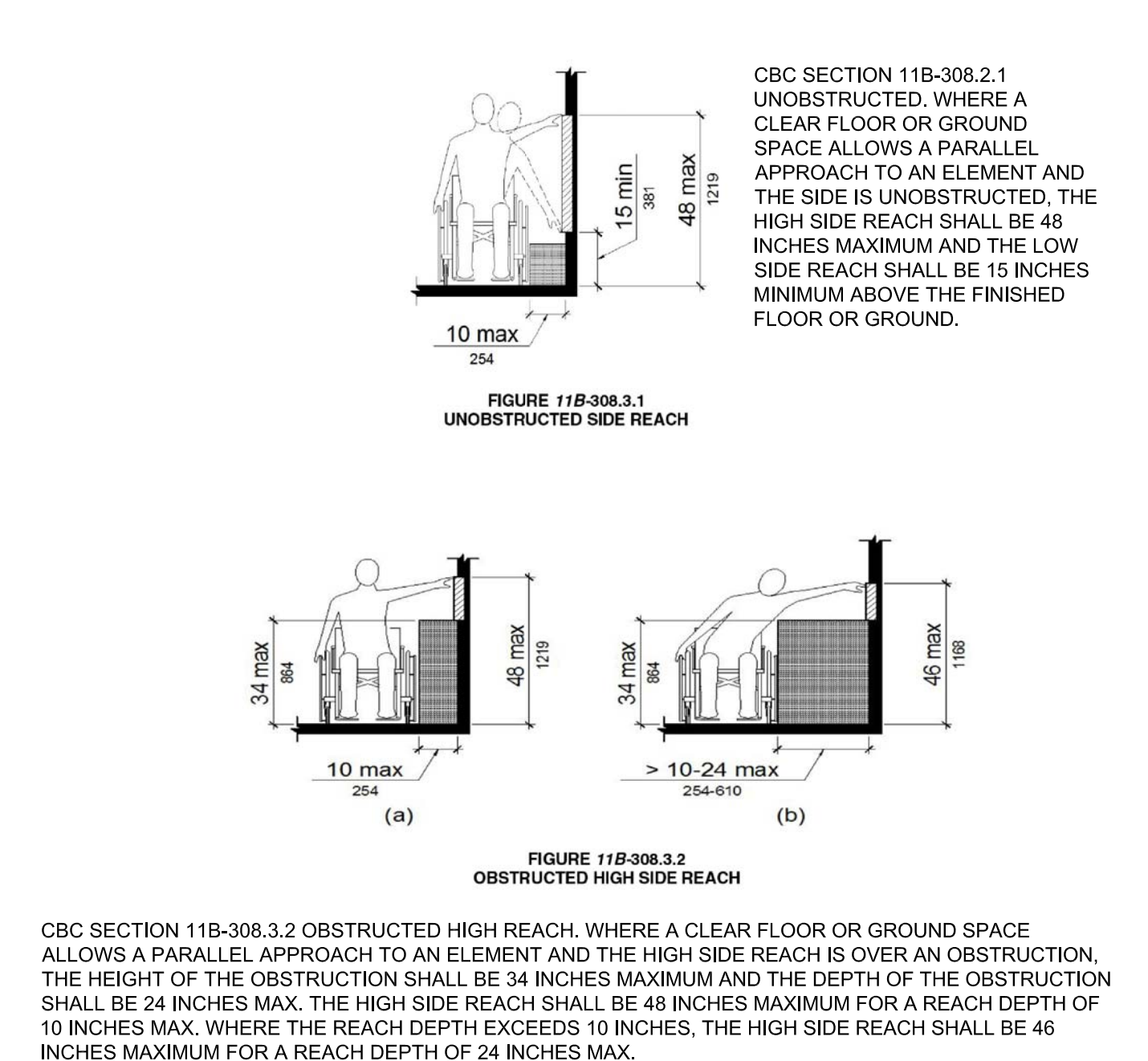
**05 GYPSUM BOARD CEILING**  
SCALE: 6" = 1'-0"



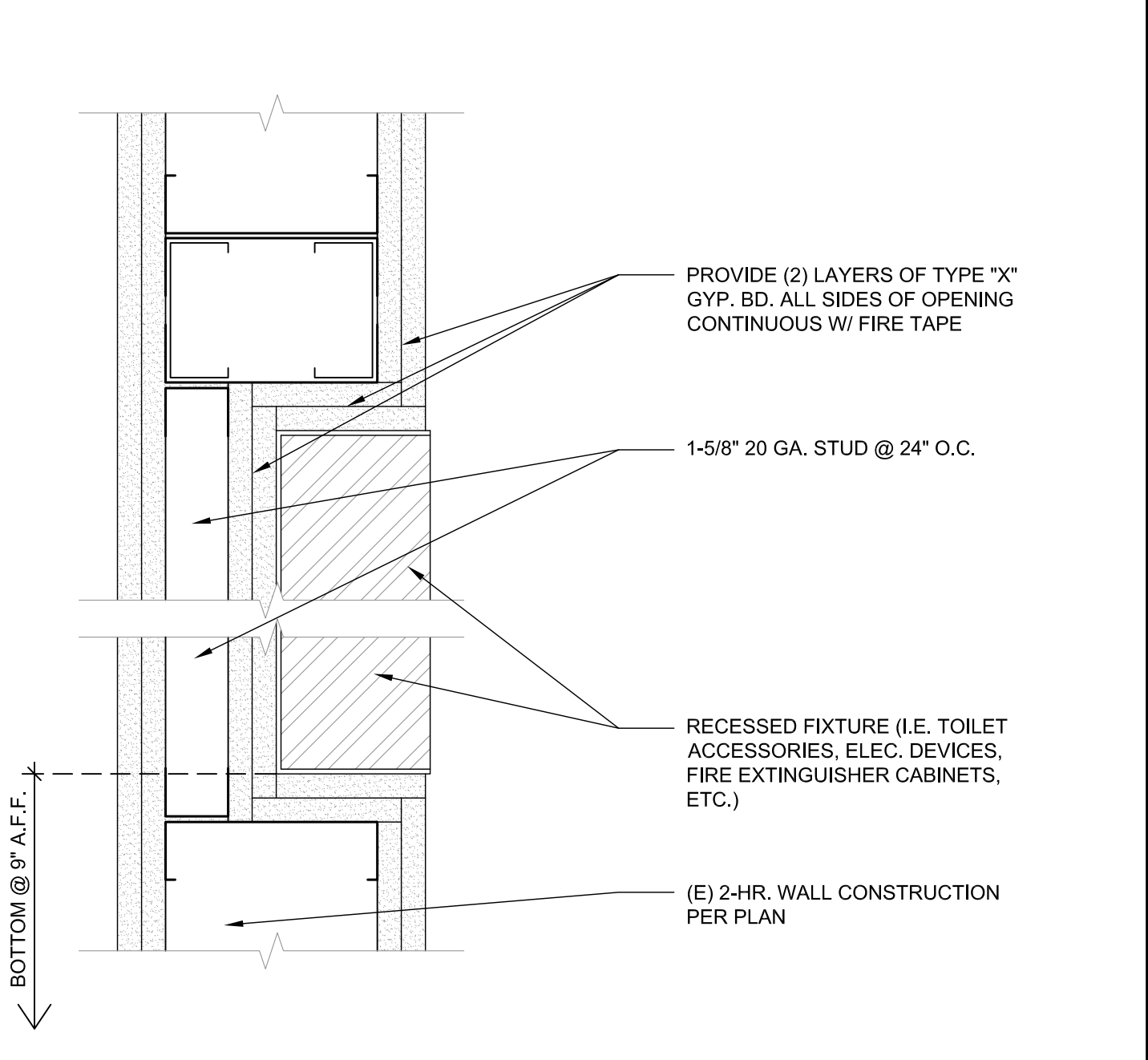
**06 CEILING WIRE ATTACHMENT @ METAL ROOF DECK**  
SCALE: 6" = 1'-0"



**07 MOUNTING HEIGHT DETAIL - FORWARD REACH**  
SCALE: N.T.S.



**08 MOUNTING HEIGHT DETAIL - SIDE REACH**  
SCALE: N.T.S.



**09 RECESSED FIXTURE IN FIRE RATED WALL**  
SCALE: 3\"/>



**10 MOUNTING HEIGHT DETAIL - SIDE REACH**  
SCALE: N.T.S.

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REVISIONS:

1	QSHPD COMMENTS	04/03/2017
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AGENCY APPROVAL

REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR

**APPROVED**  
with comments

Laura Baldradi, Sr. Architect  
Office of Statewide Health  
Planning & Development  
FACILITIES DEVELOPMENT DIVISION

05/03/2017 09:58:44 AM  
#14059891 S170375-37-00

DATE: 02/28/2017

DRAWN BY: BPB

PROJECT # 2017-01

SHEET NAME:  
OR #3 ARCHITECTURAL  
DETAILS

SHEET#

**A-3**



GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, SITE CONDITIONS PRIOR TO STARTING CONSTRUCTION. THE OWNER AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES OR INCONSISTENCIES.
2. THE OWNER AND STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY CONFLICTS OR OMISSIONS BETWEEN THE WORKING DRAWINGS OR SPECIFICATIONS BEFORE PROCEEDING ANY WORK SO AFFECTED. A CLARIFICATION SHALL BE ISSUED FOR SUCH CONFLICTS. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE OWNER AND STRUCTURAL ENGINEER
3. THE STRUCTURAL DRAWINGS AND SPECIFICATIONS FOR CONSTRUCTION REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT NOT LIMITED TO, BRACING, SHORING, TO INSURE THE VERTICAL AND LATERAL STABILITY OF THE STRUCTURE. OBSERVATION VISITS TO THE SITE BY THE OWNER AND STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS AND DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITIES.
4. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS. THE ARCHITECT AND STRUCTURAL ENGINEER WILL NOT ENFORCE SAFETY MEASURES OR REGULATIONS.
5. NOTES AND DETAILS ON THE DRAWINGS SHALL TAKE PRECEDENCE OVER THE GENERAL NOTES AND TYPICAL DETAILS. DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALES SHOWN ON THE DRAWINGS IN CASE OF CONFLICT.
6. ALL WORKS SHALL CONFORM TO THE STANDARDS OF THE 2016 CALIFORNIA BUILDING CODE.
7. A.S.T.M. SPECIFICATIONS NOTED ON THE DRAWINGS SHALL BE OF THE LATEST REVISION.
8. NO STRUCTURAL SUBSTITUTIONS OR CHANGES SHALL BE MADE IN THE FIELD. WRITTEN APPROVAL MUST BE OBTAINED FROM THE STRUCTURAL ENGINEER AND OSHPD FOR ANY SUBSTITUTIONS OR CHANGES FROM THE APPROVED CONSTRUCTION DOCUMENTS.
9. CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ADJACENT EXISTING SURFACES AND AREAS WHICH MAY BE DAMAGED AS A RESULT OF NEW WORK.

STRUCTURAL STEEL:

STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING U.N.O.:

STEEL ANGLES ASTM A36  
STRUCTURAL TUBES A500, GRADE B  
STEEL PLATE ASTM A36  
STEEL BOLT ASTM A307  
HIGH STRENGTH STEEL BOLT ASTM A325

ALL WELDING SHALL CONFORM TO THE PROVISIONS OF THE LATEST EDITION OF AWS D1.1, "STRUCTURAL WELDING CODE-STEEL" OF THE AMERICAN WELDING SOCIETY AND SHALL BE PERFORMED BY CERTIFIED WELDERS QUALIFIED UNDER THE PROCEDURES CONTAINED THEREIN.

ALL STEEL MEMBERS TO BE PRIME PAINTED.

EXPANSION ANCHOR BOLTS

1. ALL FIELD INSTALLED CONCRETE EXPANSION ANCHORS SHALL BE HILTI KB TZ STAINLESS STEEL ANCHORS.
- |                          |             |
|--------------------------|-------------|
| ANCHOR TYPE              | ICC-ES ESR# |
| 3/8"Ø HILTI KB TZ ANCHOR | 1917        |
2. ALL ANCHORS SHALL BE TESTED BASED ON THE FOLLOWING CRITERIA: (INSTALLED IN NORMAL WEIGHT CONCRETE WITH MIN.  $f_c' = 2500$  PSI)

ANCHOR TYPE	TORQUE	ICC-ES ESR#
3/8"Ø HILTI KB TZ ANCHOR	25 FT-LBS	1917

MINIMUM ANCHOR EMBEDMENT SHALL BE 2" FOR 3/8"Ø HILTI KB TZ BOLTS.

WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING INTO PRESTRESSED CONCRETE (PRE OR POST TENSIONED) LOCATE THE PRESTRESSED TENDONS BY USING A NON DESTRUCTIVE METHOD PRIOR TO INSTALLATION. EXERCISE EXTREME CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE TENDONS DURING INSTALLATION.

MAINTAIN 1" MINIMUM CLEARANCE BETWEEN EXISTING REINFORCEMENT AND THE EPOXY ANCHOR

APPLY PROOF TEST LOADS TO EPOXY ANCHORS WITHOUT REMOVING THE NUT IF POSSIBLE. OTHERWISE, REMOVE THE NUT AND INSTALL A THREADED COUPLER UP TO THE SAME TIGHTNESS OF THE ORIGINAL NUT USING A TORQUE WRENCH AND APPLY THE LOAD.

TESTING SHOULD OCCUR A MINIMUM 24 HOURS AFTER INSTALLATION OF THE SUBJECTED ANCHORS. IF THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE IS LESS THAN THE TEST TORQUE, THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE SHOULD BE USED IN LIEU OF THE TEST TORQUE. ANCHOR DIAMETER REFERS TO THE THREAD SIZE.

REACTION LOADS FROM TEST FIXTURES MAY BE APPLIED CLOSE TO THE ANCHOR BEING TESTED. PROVIDE THE ANCHOR IS NOT RESTRAINED FROM WITHDRAWING BY THE FIXTURE.

TEST EQUIPMENT INCLUDING TORQUE WRENCHES SHALL BE CALIBRATED BY AN APPROVED TESTING LABORATORY IN ACCORDANCE WITH STANDARD RECOGNIZED PROCEDURES.

TEST METHODS; THE FOLLOWING CRITERIA APPLY FOR THE ACCEPTANCE OF INSTALLED ANCHORS:

- A). HYDRAULIC RAM METHOD:  
ANCHORS TESTED WITH A HYDRAULIC JACK OR SPRING LOADED DEVICES SHALL MAINTAIN THE TEST LOAD FOR MINIMUM OF 15 SECONDS AND SHALL EXHIBIT NO DISCERNABLE MOVEMENT DURING THE TENSION TEST, e.g., AS EVIDENCED BY LOOSENING OF THE WASHER UNDER NUT.
- B). TORQUE WRENCH METHOD:  
ANCHORS TESTED WITH A CALIBRATED TORQUE EXCEPTIONS:
1. WEDGE OR SLEEVE TYPE:  
ONE-QUARTER ( $\frac{1}{4}$ ) TURN OF THE NUT FOR A  $\frac{3}{8}$  IN. SLEEVE ANCHOR ONLY.
  2. THREADED TYPE:  
ONE QUARTER ( $\frac{1}{4}$ ) TURN OF THE SCREW AFTER INITIAL SEATING OF THE SCREW HEAD.

MINIMUM OF 50% OF THE INSTALLED ANCHOR SHALL BE TESTED. (ALTERNATE ANCHORS IN ANY GROUP ARRANGEMENT) IF ANY ANCHOR FAILS TESTING, TEST ALL ANCHORS OF THE SAME TYPE, INSTALLED BY THE SAME TRADE, NOT PREVIOUSLY TESTED UNTIL TWENTY (20) CONSECUTIVE ANCHORS PASS, THEN RESUME THE INITIAL TEST FREQUENCY. TESTS SHALL BE PERFORMED PER CBC 2016, 1910A.5

TESTING SHOULD OCCUR 24 HOURS MINIMUM AFTER INSTALLATION OF THE EPOXY ANCHOR.

ALL TESTS SHALL BE PERFORMED IN THE PRESENCE OF THE INSPECTOR OF RECORD.

SEISMIC LOAD

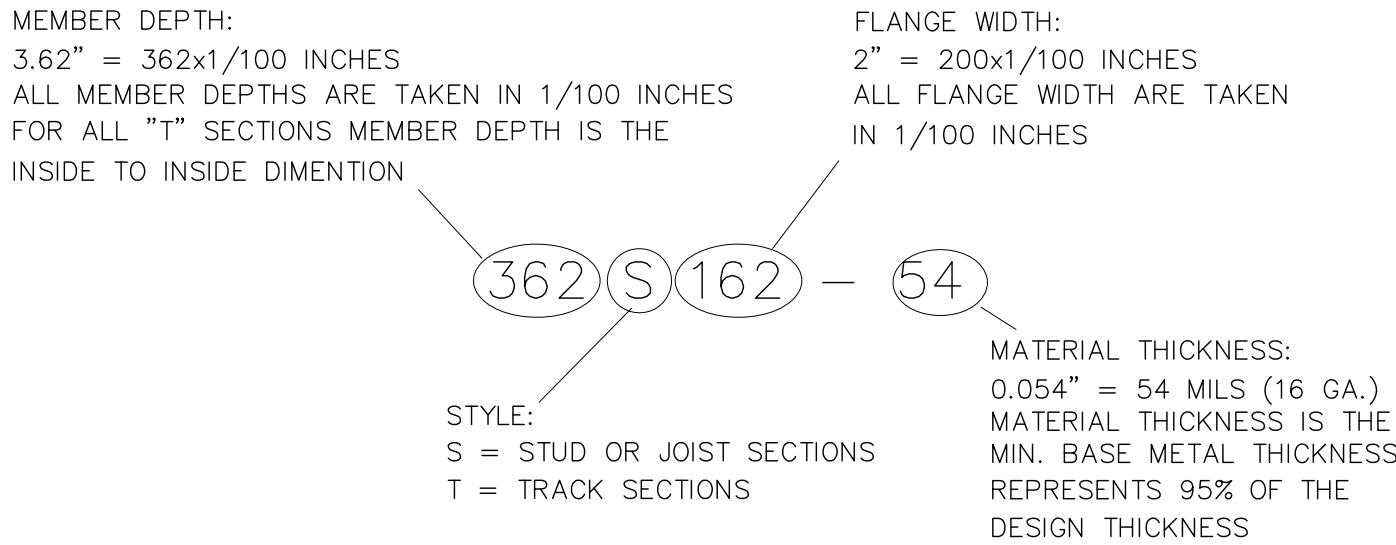
SITE LOCATION:  
LONGITUDE: 117.29178° WEST, LATITUDE: 33.18425° NORTH  
DESIGN SPECTRAL RESPONSE ACCLERATION:  
 $S_{ps} = 0.760$ ,  $S_{p1} = 0.435$   
SEISMIC IMPORTANCE FACTOR,  $I_p = 1.5$   
SEISMIC FORCE COEFFICIENTS:  
 $\phi_p = 2.5$ ,  $R_p = 2.5$   
SEISMIC DESIGN CATEGORY "D"

COLD-FORMED STEEL FRAMING

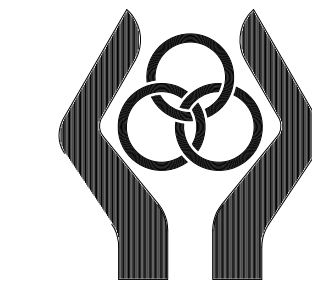
1. DESIGN, MANUFACTURE AND INSTALLATION OF LIGHT GAGE, COLD-FORMED STEEL JOISTS, PURLINS AND STUDS SHALL CONFORM WITH THE LATEST EDITION OF THE LIGHT GAGE, COLD-FORMED STEEL DESIGN MANUAL ISSUED BY THE AISI.
2. STRUCTURAL LIGHT GAUGE STUDS, TRACK, BRIDGING, AND ACCESSORIES SHALL COMPLY WITH STEEL STUD MANUFACTURERS ASSOCIATION ICBO ER-4943P

STRUCTURAL LIGHT GAUGE CH STUDS, J RUNNER TRACK, AND ACCESSORIES SHALL COMPLY WITH DIETRICH METAL FRAMING ICC-ESR# 1166P

3. ALL WELDING SHALL BE IN CONFORMANCE WITH AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL". QUALIFICATION OF WELDERS SHALL BE IN ACCORDANCE WITH AWS D1.1, CHAPTER 5, PART C, "WELDER QUALIFICATION". SEE LATEST EDITION OF THE AISI SPECIFICATIONS FOR THE "DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" FOR ALLOWABLE WELD VALUES.
4. FRAMING SHALL BE ERECTED PLUMB, LEVEL AND SQUARE. BRIDGING AND DIAGONAL TENSION STRAPS SHALL BE USED.
5. TEMPORARY BRACING SHALL BE PROVIDED AS REQUIRED UNTIL ERECTION IS COMPLETE AND SAFELY SECURED TO STRUCTURE.
6. COLD-FORMED STEEL YIELD STRENGTH ( $f_y$ ) IS 50 KSI. IDENTIFICATION OF SSMA PRODUCTS



COLD-FORMED STEEL STUDS PROPERTIES			
IDENTIFICATION	MEMBER DEPTH	FLANGE WIDTH	MATERIAL THICKNESS
362S162-54	3.62"	1.625"	16 GA.
600T200-54	6"	2"	16 GA.



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CONSULTANT:

REVISIONS:

OSHPD COMMENTS 4-3-2017

AGENCY APPROVAL



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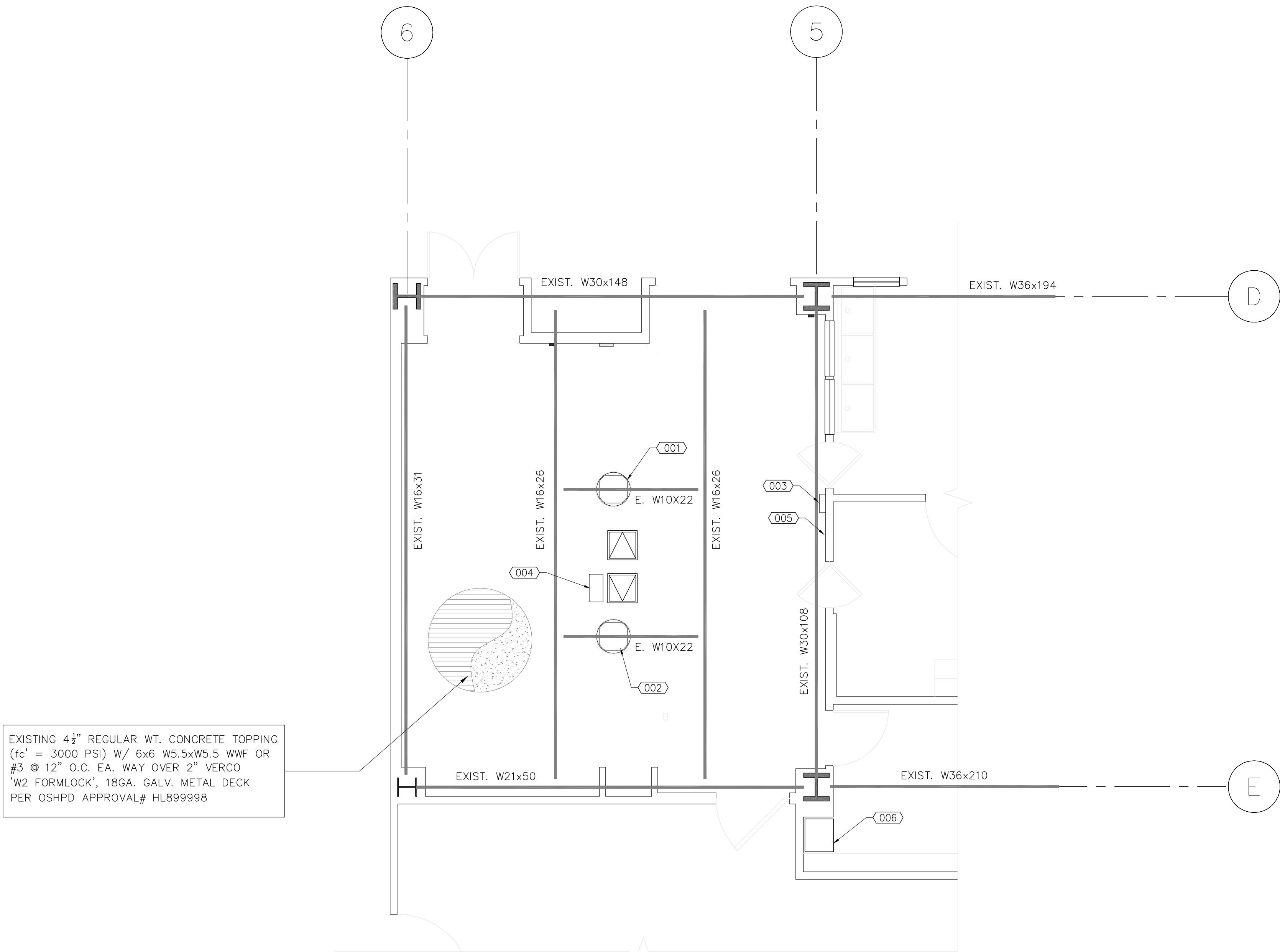
SHEET NAME:

GENERAL NOTES

SHEET#

S-I





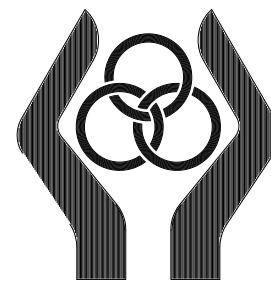
PARTIAL EXISTING ROOF FRAMING PLAN

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

NOTES

- 1. DO NOT SCALE THESE DRAWINGS. PRIOR TO START OF CONSTRUCTION, ALL DIMENSIONS AND ELEVATIONS MUST BE VERIFIED WITH THE APPRD. SET OF ARCHITECHURAL DRAWINGS. IN CASE OF DISCREPENCIES, STRUCTURAL ENGINEER OF RECORD MUST BE NOTIFIED IN WRITING.
- 2. ALL EXISTING MEMBER SIZES, SPACING, & DIMENSIONS MUST BE FIELD VERIFIED. IN CASE OF DISCREPANCIES STRUCTURAL ENGINEER MUST BE NOTIFIED IN WRITING.
- 3. THE EXISTING ROOF FRAMING PLAN IS BASED ON THE OSHPD APPROVED STRUCTURAL DRAWING, APPROVAL# HL 899998.

EQUIPMENT SCHEDULE				
EQUIPMENT #	DESCRIPTION	WEIGHT (APPROX.)	ANCHORAGE DETAILS	COMMENTS
001	CHROMOPHARE F628/F628 LIGHTS W/ SINGLE FLAT PANEL	319 LBS	1361	
002	CHROMOPHARE F628 LIGHT W/ SINGLE FLAT PANEL	221 LBS	1361	
003	SPI3 REMOTE TOUCH PANEL	10 LBS	1282	SURFACE MOUNTED ON WALL
004	SK ENCLOSURE WITH TWO BOXES	150 LBS	1361 1367	ABOVE CEILING
005	LIGHT CONTROL BOX	15 LBS	1282	SURFACE MOUNTED ON WALL
006	JUNCTION BOX SWITCHPOINT INFINITI 3	10 LBS	1282	FLUSH MOUNTED ON WALL BOTTOM OF BOX TO BE AT 9" ABOVE FINISH FLOOR



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CONSULTANT:

REVISIONS:

OSHPD COMMENTS 4-3-2017

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#S170375-37-00

DATE: 02/28/17

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PROJECT #

SHEET NAME:

PARTIAL EXISTING  
ROOF FRAMING PLAN

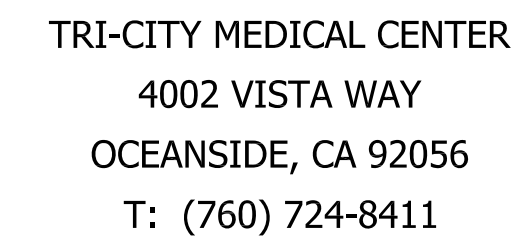
SHEET#

S-2









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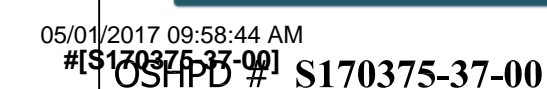
CONSULTANT:

REVISIONS:



4-3-2017

#### AGENCY APPROVAL



DATE: 02/28/17

DRAWN BY:

PROJECT #

SHEET NAME:

## DETAILS

SHEET#

SD2



## FIRE PENETRATIONS NOTE

PENETRATION SEAL AT RATED PARTITIONS:

## GENERAL NOTES

- 
- CIRCUIT BREAKER

---

GENERAL NOTES

1. SUPPORTS AND ATTACHMENTS OF ALL E

### APPLICABLE CODES

- NOT ALL SYMBOLS ARE  
APPLICABLE TO THIS PROJECT

## WIRING SYMBOLS

- A-1,3,5 HOME RUN. 3/4" CONDUIT, 2 #12 & 1 #12 GROUND, UNLESS OTHERWISE NOTED  
NOTE: HOME RUN SHALL BE FROM FIRST ELECTRICAL DEVICE  
BACKBOX IN CIRCUIT TO ELECTRICAL PANEL

## ONE-LINE SYMBOLS

- 
- CIRCUIT BREAKER

**E-1**







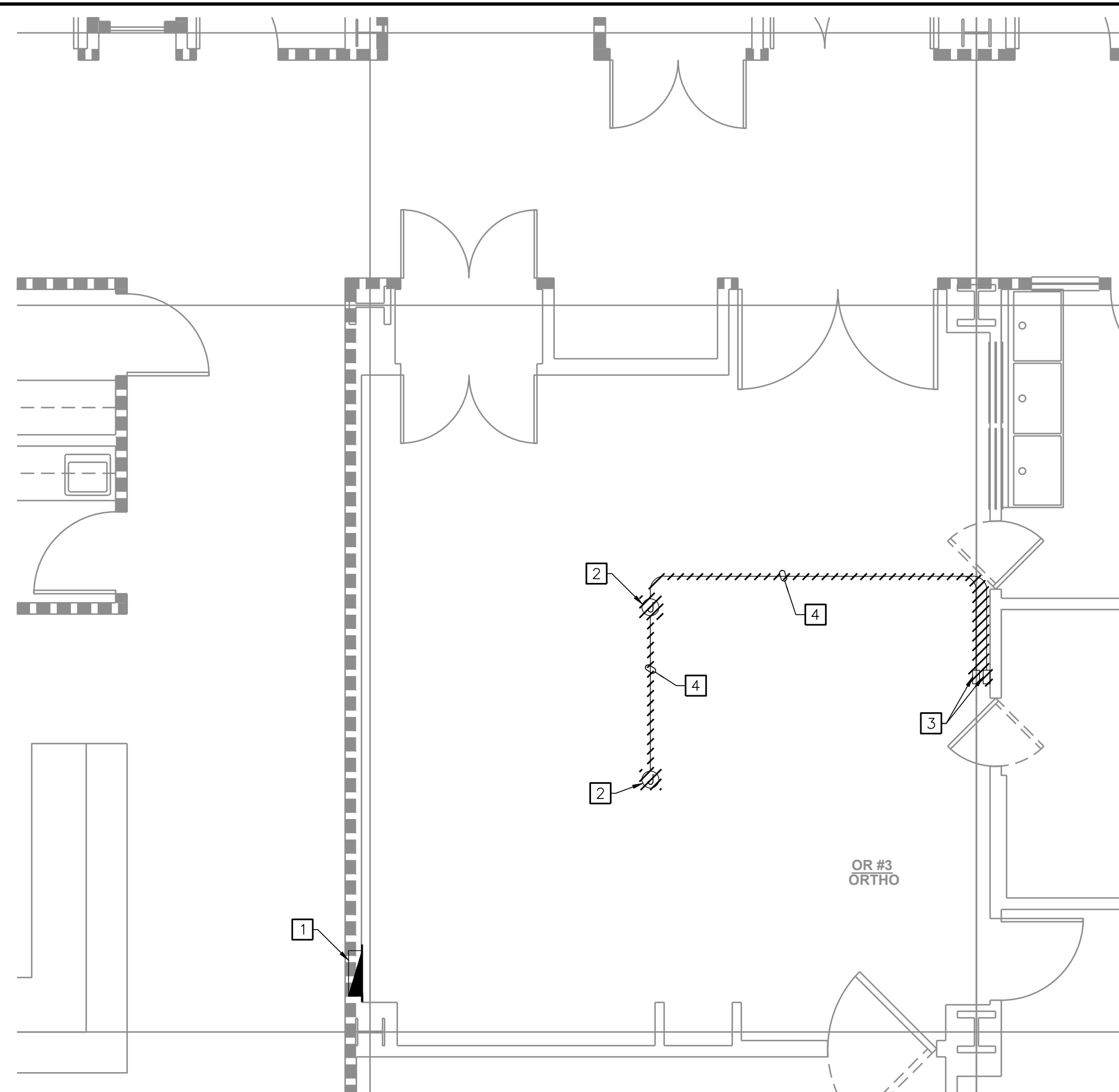
EQUIPMENT SCHEDULE		
KEY ITEM	NAME	QTY
B	F628 NFC/F628 NFC/FP 1000mm & 900mm F628 NFC ARMS (EXISTING LOCATIONS)	2
H	IN-LIGHT CAMERA CCU	1
J	SWITCHPOINT INFINITY 3	1
K	CHROMOPHARE SK BOX (LOCATED IN CEILING DETERMINED BY CONTRACTOR)	2
L	CHROMOPHARE LED LIGHT & CAMERA WALL CONTROL PANEL (EXISTING LOCATION)	1
N	SINGLE GANG DVI WALL PLATES	8
P1	WALL MOUNTED TOUCH PANEL	1

CONDUIT SCHEDULE			
CONDUIT #	CONDUIT RUN	CONDUIT QTY	CONDUIT SIZE
	ITEM - ITEM		
①	B - B	1	1"
②	B - H	1	1"
③	B - J	1	1"
④	B - K	2	1"
⑤	K - L	1	1"
⑥	N - J	1	1 1/2"
⑦	P1 - J	1	1"

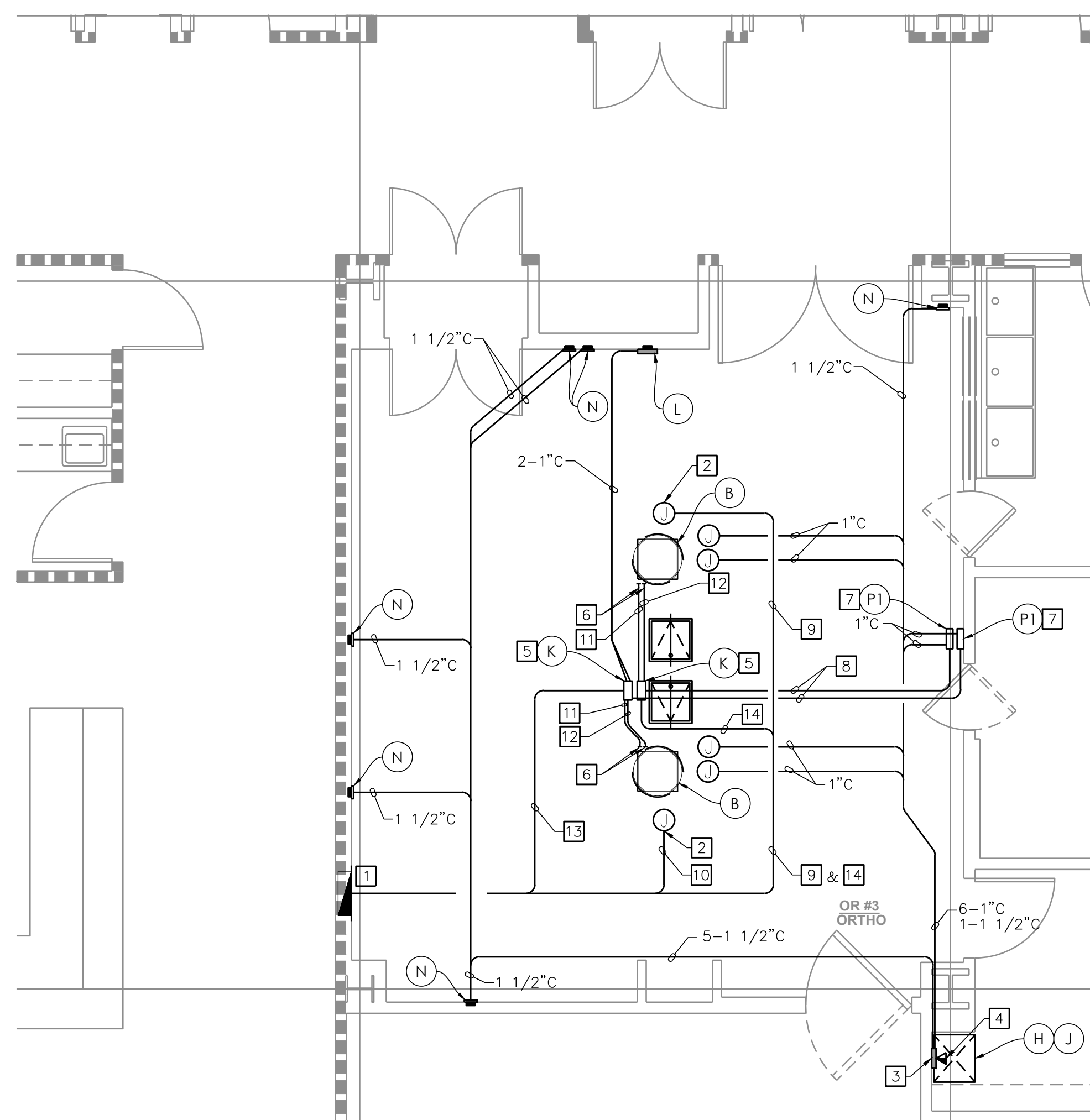
NOTES: (UNLESS OTHERWISE SPECIFIED)

1. ALL CONDUIT RUNS INCLUDE INSULATED BUSHINGS AND PULL STRINGS.
2. CONDUIT RUNS CANNOT EXCEED 50' FROM END-TO-END. DO NOT EXCEED FOUR (4) 90 DEGREE BENDS.
3. CABLES BETWEEN ITEMS OVER 50 FEET IN LENGTH ARE PROVIDED BY THE CUSTOMER / CONTRACTOR. PLEASE REFER TO EQUIPMENT LIST FOR CABLE SPECIFICATIONS.
4. THE PRE-INSTALL MANUAL REQUIREMENTS SUPERSEDE ALL PRE-INSTALL NOTES IN THIS DRAWING PACKAGE.

PRE-INSTALL NOTES SCHEDULE	
KEY ITEM	NAME
B	<b>LIGHT/LIGHT/FP</b> CONDUIT: - REFER TO ROOM LAYOUT FOR CONDUIT QUANTITY AND SIZE. TERMINATE ALL CONDUITS WITHIN 18" OF THE CENTER OF THE CEILING MOUNT.
H	<b>IN LIGHT CAMERA CCU</b> CONDUIT: ONE (1) 1" CONDUIT. MAXIMUM LENGTH OF 45 FEET OF CONDUIT RUN FROM WITHIN 18" OF THE CENTER OF THE CEILING MOUNT TO EITHER A JUNCTION BOX USED FOR MOUNTING THE CAMERA CONTROL OR THE DOCUMENTATION STATION, PER CUSTOMER SPECIFICATION. POWER: ONE (1) STANDARD OUTLET WITHIN 4' OF CAMERA CONTROL BOX.
J	<b>**ROUTER WITHOUT DOC STATION</b> SWITCHPOINT INFINITY 3 DIMENSIONS: - MEDIA ROUTER: 20.6"W X 24"H X 17"D - CONTROL SECTION: 12.5"W X 2.6"H X 17"D - TOTAL SPACE REQUIRED: 27.5"W X 31"H X 29"D DATA: ONE (1) ETHERNET CONNECTION SPACE REQUIREMENTS: MUST ALLOW FOR A MINIMUM 2" CABLE PASSAGE BETWEEN ALL COMPONENTS HOUSED INSIDE. - SECTION HOUSING VIDEO ROUTER MUST HAVE AN INTERIOR DIMENSION OF AT LEAST 27.5"W X 31"H X 29"D. - SECTION HOUSING VIDEO ROUTER MUST BE VENTED. - MUST ALLOW FOR DIRECT ACCESS TO BACKBOXES PER REQUIREMENTS LISTED BELOW. POWER: RECOMMEND THREE (3) 20 AMP CIRCUITS AND THREE (3) QUAD OUTLETS FOR VIDEO ROUTER AND ANY ADDITIONAL STRYKER PROVIDED EQUIPMENT. - CIRCUITS REQUIRE CRITICAL POWER. BACKBOX: ONE (1) 18"W X 18"H X 4"D (OR LARGER) JUNCTION BOX FLUSH MOUNTED. - MOUNT BEHIND VIDEO ROUTER. SET BOTTOM OF BOX 9" ABOVE FINISHED FLOOR. NOTE: TERMINATE ALL INTEGRATION CONDUITS TO THIS JUNCTION BOX.
K	<b>CHROMOPHARE SK BOX</b> CONDUIT: TWO (2) 1" FROM SK ENCLOSURE TO EACH LIGHT MOUNTING LOCATION, ONE (1) 1" BETWEEN LIGHT MOUNTING LOCATIONS, AND ONE (1) 1" FOR 120VAC TO SK BOX (UP TO THREE(3) LIGHTS PER CIRCUIT). MAXIMUM LENGTH OF 45 FEET (15M) OF CONDUIT RUN TO BOTH THE MOUNTING PLATE AND THE TO WALL CONTROL BOX. MUST BE EASILY ACCESSIBLE, EITHER BY INSTALLATION INTO A WALL, OR IN THE INTERSTITIAL SPACE WITH ACCESS PANEL. POWER: - AC WIRING: WIRING SHOULD BE 3 WIRE, 12AWG MIN., AND 600V, TERMINATED TO THE FUSED TERMINAL BLOCK INSIDE THE SK ENCLOSURE. (UP TO 3 LIGHTS PER SK BOX) - DC WIRING: WIRES SHOULD CONSIST OF 1 PAIR PER LIGHT HEAD AND 1 GROUND WIRE PER MOUNTING RING. WIRES TERMINATE AT THE NON-FUSED TERMINAL BLOCK INSIDE THE SK ENCLOSURE. WIRING SHOULD RUN FROM OUTPUT OF THE SK ENCLOSURE AND FALL A MINIMUM OF 18-INCHES BELOW THE CEILING AT THE MOUNTING RING.
L	<b>CHROMOPHARE WALL CONTROL PANEL</b> CONDUIT: ONE (1) 1" CONDUIT TO SK ENCLOSURE (ELECTRONICS). BACK BOX: ONE (1) STANDARD 4X4 JUNCTION BOX. POWER: NONE
N	<b>DVI WALL PLATE</b> CONDUIT: ONE (1) 1 1/2" CONDUIT BACK BOX: ONE (1) 4"W X 4"H JUNCTION BOX WITH SINGLE-GANG MUD RING - MOUNT THE J-BOX 18" ABOVE FINISHED FLOOR. POWER: NONE REQUIRED, BUT SHOULD BE LOCATED NEXT TO OUTLET.
P1	<b>SPI-3 TOUCH PANEL (WALL MOUNTED)</b> CONDUIT: ONE (1) 1" CONDUIT. BACK BOX: ONE (1) 4"W X 4"H JUNCTION BOX WITH SINGLE-GANG MUD RING - MOUNT J-BOX WITHIN 18" OF TOUCH PANEL LOCATION POWER: ONE (1) STANDARD OUTLET WITHIN 18" OF TOUCH PANEL LOCATION.



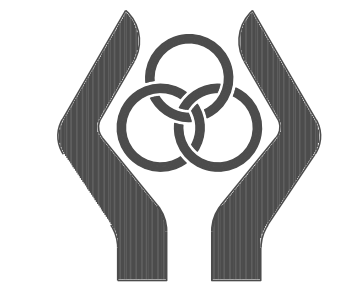
1 PARTIAL FIRST FLOOR PLAN - OR3 POWER - DEMO  
SCALE: 1/8" = 1'-0"



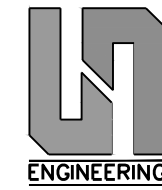
2 PARTIAL FIRST FLOOR PLAN - OR3 POWER - NEW  
SCALE: 1/8" = 1'-0"

### KEY NOTES FOR DETAIL 1

- 1 EXISTING PANEL "I3" 100A, 208/ 120V 3P, 4W (CRITICAL).
- 2 EXISTING CEILING MOUNTED (ABOVE CEILING) J-BOX FOR EXISTING SURGICAL LIGHT TO BE DISCONNECTED AND REMOVED.
- 3 EXISTING SURGICAL LIGHTING CONTROLLER TO BE DISCONNECTED AND REMOVED.
- 4 EXISTING CONDUIT AND WIRE TO BE REMOVED.



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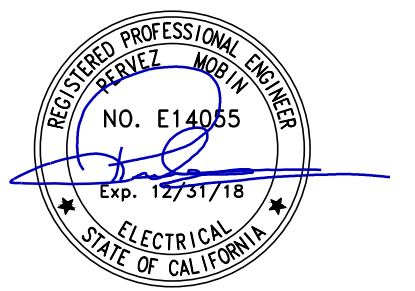


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1 OSHPD COMMENTS 04/03/2017

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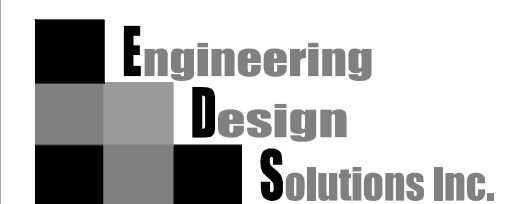
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SHEET NAME:  
**PARTIAL FIRST FLOOR PLAN -  
OR3 POWER DEMO AND NEW**


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**E-3**




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### Contractor's Summary For CHROMOPHARE® Surgical Light SK Box Installation



This summary dimensional and loading data must be used in conjunction with the detailed information in the CHROMOPHARE® Pre-Installation Guide for the specific light model involved. Failure to include information from the Pre-Installation Guide could result in a failure of the light to operate or a failure of the superstructure. Failure of the super structure could damage the light or the building or cause injury to patients or personnel.

Many health care facilities order CHROMOPHARE® Surgical Lights for several different rooms or areas. Each of these units may be equipped differently. They may require different numbers of electric circuits, different numbers of low voltag cables, and different numbers and kinds of wall mount plates. Be sure to check the customer order documents for the specific requirements for your installation.

The information in this summary does not apply to wall mounted lights or to lights installed with Berchtold TELETOM® TC model Power Booms.


Copies of all Berchtold Pre-Installation Guides and most other technical literature are available from our Web site ([www.berchtoldusa.com](http://www.berchtoldusa.com)), by calling 800-243-5135, or by Faxing 843-569-6133.

OR Numbers	Number of Units

**SK Box Mounting General Information**

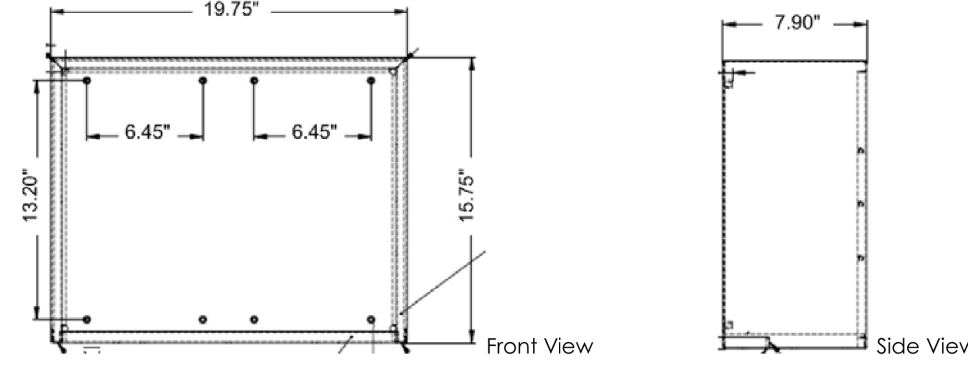
The SK Box is used to house the light electronics when the space in the ceiling at the fixture mounting is insufficient. Refer to the customer drawings to see if an SK Box will be used for your installation.

- The SK Box must be mounted within 45' (13.75m) of the light mounting ring. The box may be mounted within the ceiling cavity, but an external wall mount is preferred. A wall mounted box may be installed inside or outside of the OR.
- An SK box will accommodate the wiring for four light heads, or three light heads plus battery buffer system.
- A SK Box can weigh up to 130 pounds.
- The contractor is responsible for running power from an AC mains supply to the SK box.
- The contractor is responsible for running DC wiring from the SK box to the surgical light mounting ring
- The contractor is responsible for making both AC and DC connections in the SK Box.



**Mounting Options**

- Above Finished Ceiling
  - The SK Box must remain accessible (through a nearby access panel) after installation. The hinged doors must have complete freedom of movement in the ceiling, and must not ever be obstructed.
- Wall-Mount (Flush)
  - If an integrated Light Control Panel is desired, this must be indicated at time of order.
- Wall-Mount (Recessed)
  - SK Box recessed mount collar is required for this type of installation.
  - Contractor should measure target wall before installation to verify that there is sufficient depth in the stud wall to accommodate this type of installation.
  - If an integrated Light Control Panel is desired, this must be indicated at time of order.



Dimensions are given for one compartment of the SK Box. A Complete SK is two compartments stacked vertically.

**Conduit Plate Installation**

- Select where on the mounting ring you want the conduit to terminate (any two adjacent nuts).
- Back the nuts (a) down the all-thread rods (B) away from the light mounting plate (C).
- Insert the conduit plate (D) under the light mounting plate, and tighten the nuts.

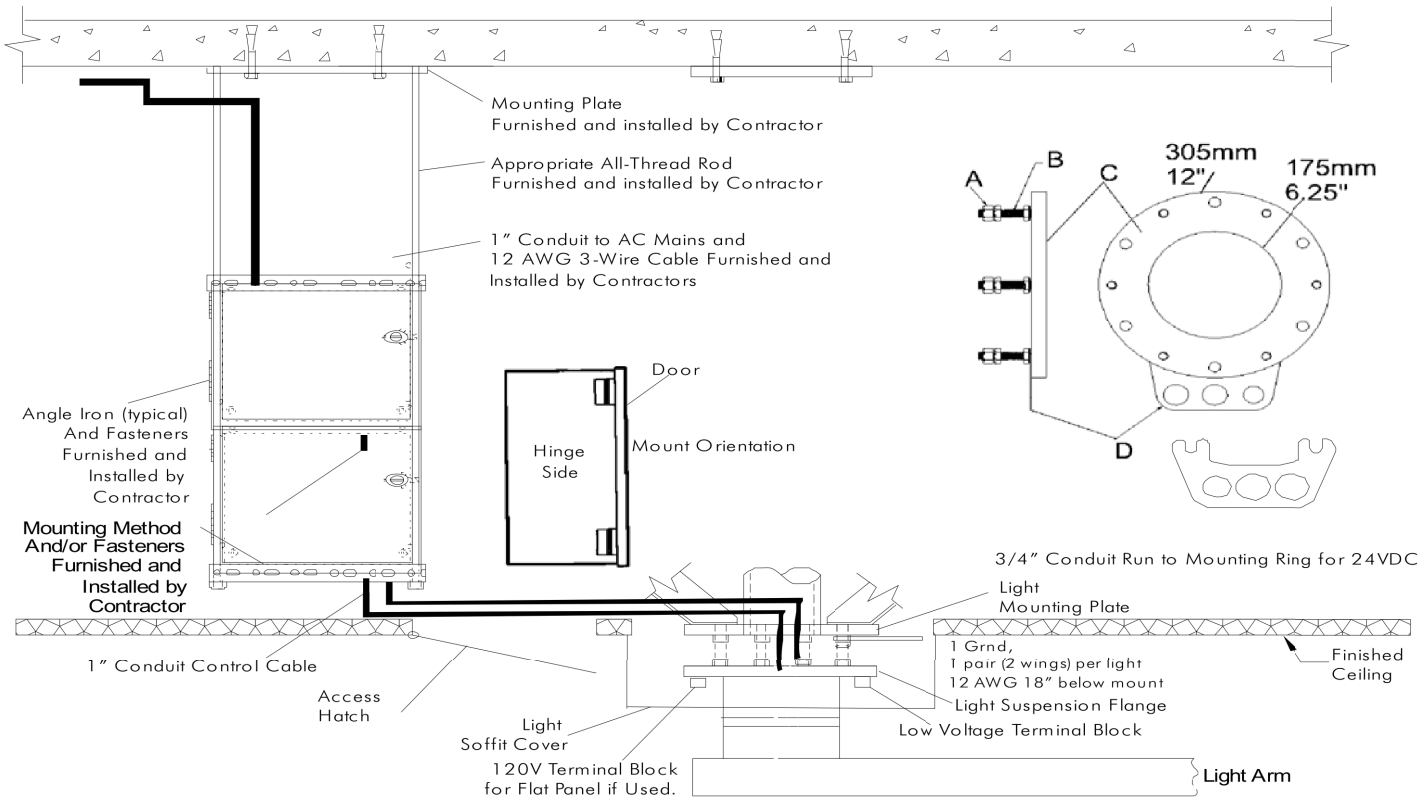


Figure 1

**Conduit Requirements for Wall Mount**

- All conduit is to be a minimum of 1" (25mm) metallic U.N.O.
- Conduits are to be deburred, cleaned, capped, and furnished with nylon pull rope.
- Contractor is to provide cable protection bushings on all boxes and conduit stub-outs.
- Conduit stub-outs, junction boxes, and outlets must be suitably labeled for identification of function, J-box number, and/or conduit number.

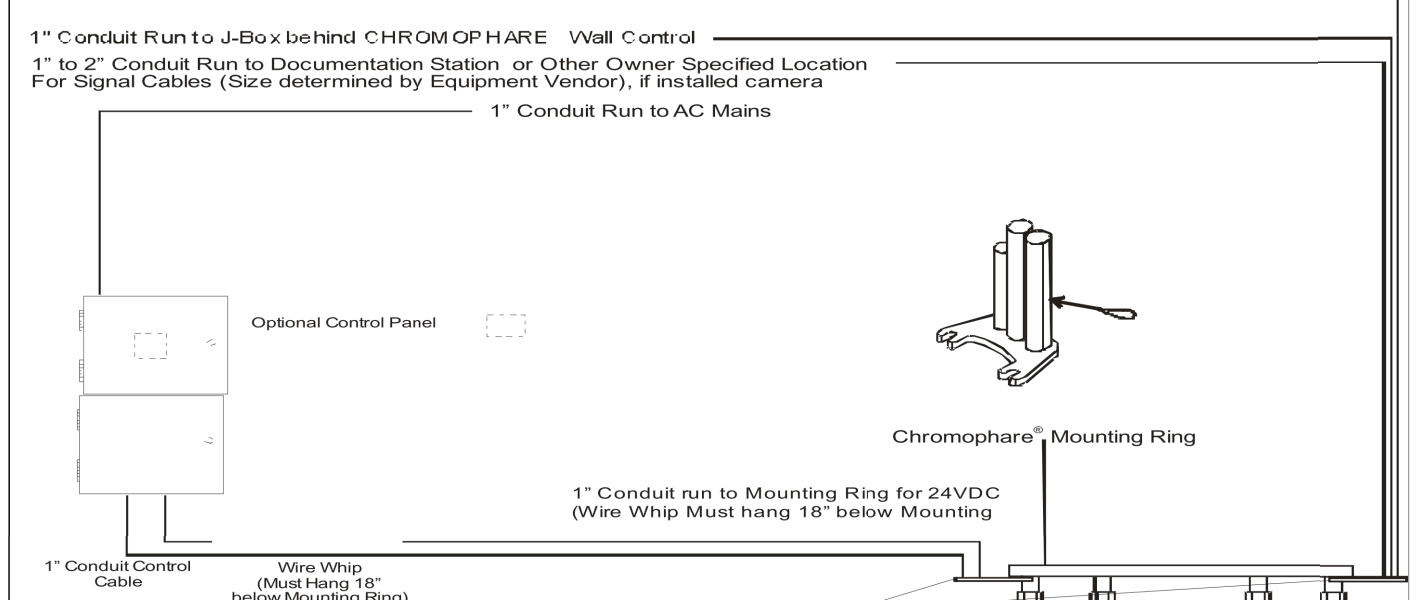
1" Conduit when order includes a flat panel product.

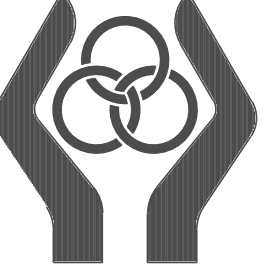
1" Conduit Run to J-Box behind CHROMOPHARE Wall Control

1" to 2" Conduit Run to Documentation Station or Other Owner Specified Location


For Signal Cables (Size determined by Equipment Vendor), if installed camera

1" Conduit Run to AC Mains






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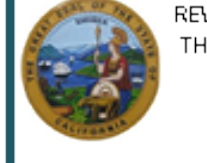
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1	DSHPD COMMENTS	04/03/2017

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REVIEWED IN ACCORDANCE WITH  
THE REQUIREMENTS OF T24, CCR

**APPROVED**  
with comments

Laura Baldrati, Sr. Architect  
Office of Statewide Health  
Planning & Development  
FACILITIES DEVELOPMENT DIVISION

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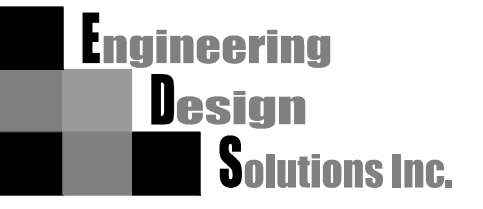
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DETAILS

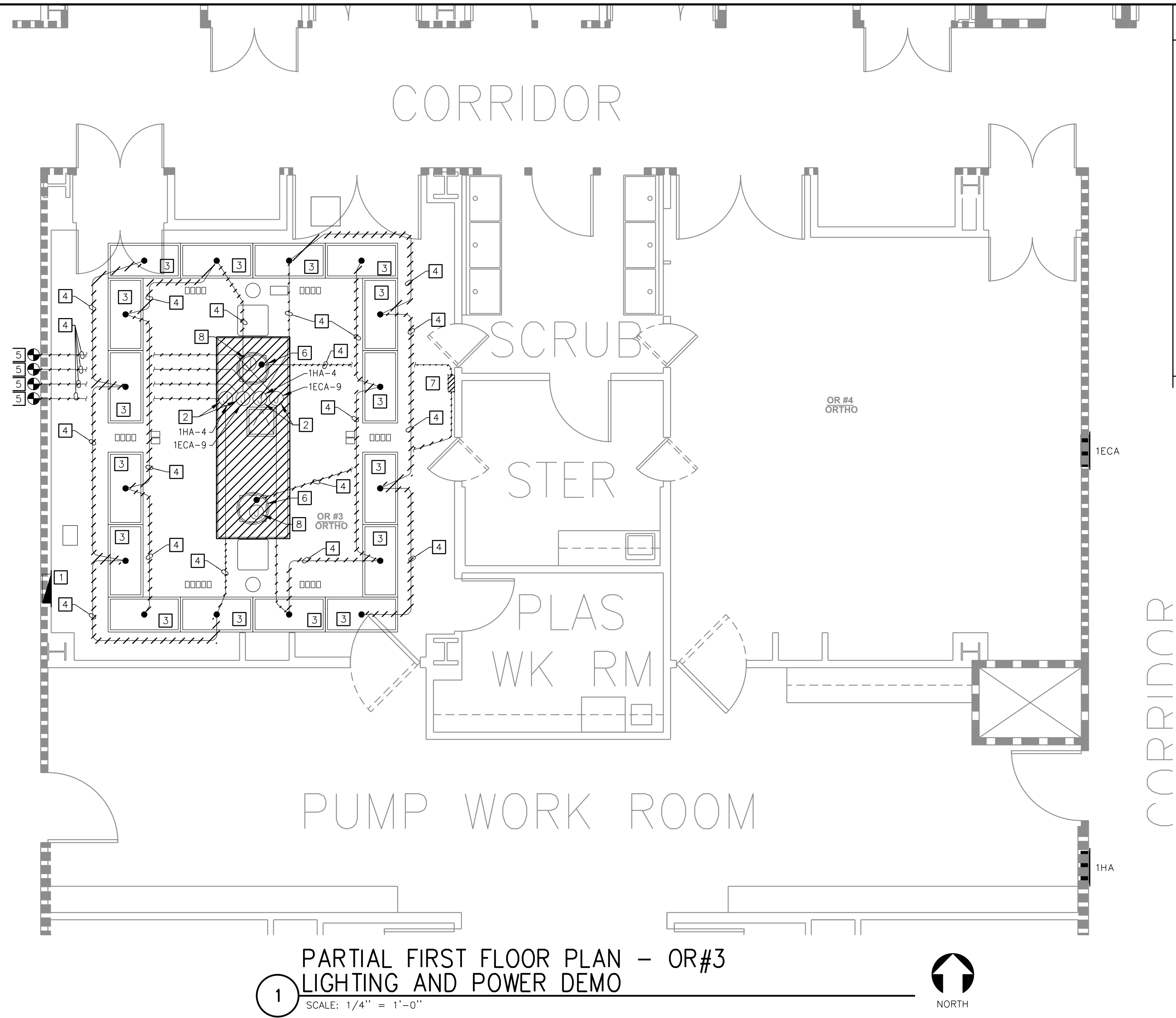
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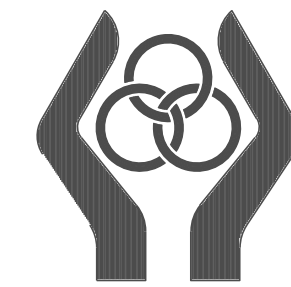
E-4





KEY NOTES

- EXISTING PANEL "13" 100A, 208/ 120V 3P, 4W (CRITICAL) TO REMAIN.
- EXISTING CEILING MOUNTED J-BOX FOR EXISTING SURGICAL LIGHT TO BE REMOVED AFTER DISCONNECTING POWER TO ROOM LIGHT FIXTURE.
- EXISTING ROOM LIGHT FIXTURE TO REMAIN.
- EXISTING BRANCH CIRCUIT TO BE DISCONNECTED & REMOVED AS SHOWN.
- EXISTING J-BOX (APPROXIMATE LOCATION) FIELD VERIFY.
- EXISTING SURGICAL LIGHTS TO BE DISCONNECTED AND REMOVED. REMOVE CONDUIT & WIRE ALL THE WAY TO PANEL 12 AND TO EXISTING TWO DIMMER PANEL. SEE PHOTO 1 (DETAIL 2).
- EXISTING TWO DIMMER PANEL TO BE DISCONNECTED AND REMOVED. SEE PHOTO 2 (DETAIL 3).
- EXISTING BRANCH CIRCUITS 13-11 & 13-13 FOR EXISTING SURGICAL LIGHTS TO BE DISCONNECTED & REMOVED ALL THE WAY TO PANEL.
- EXISTING CONDUIT & WIRES TO BE DISCONNECTED & REMOVED.



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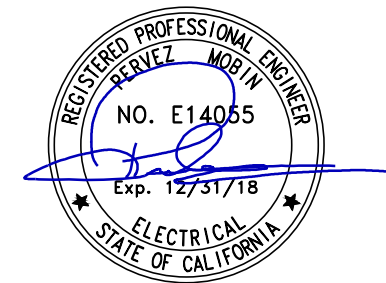


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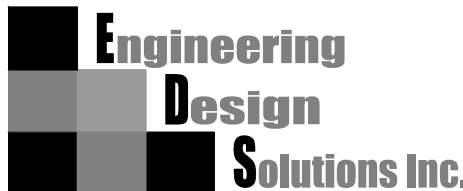
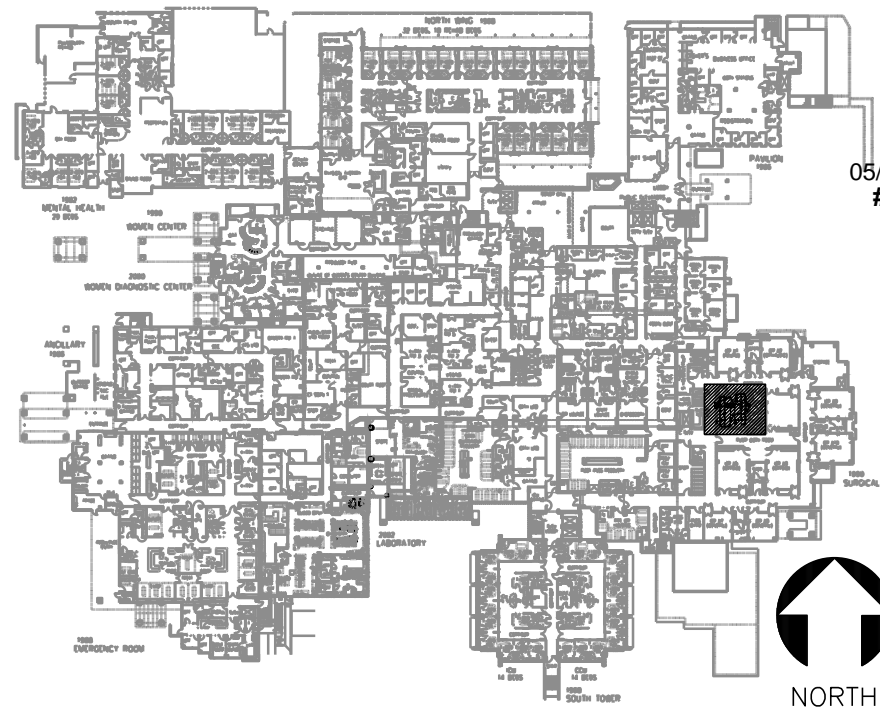
PROJECT #

SHEET NAME:  
PARTIAL FIRST FLOOR PLAN -  
OR3 LIGHTING DEMO

SHEET#

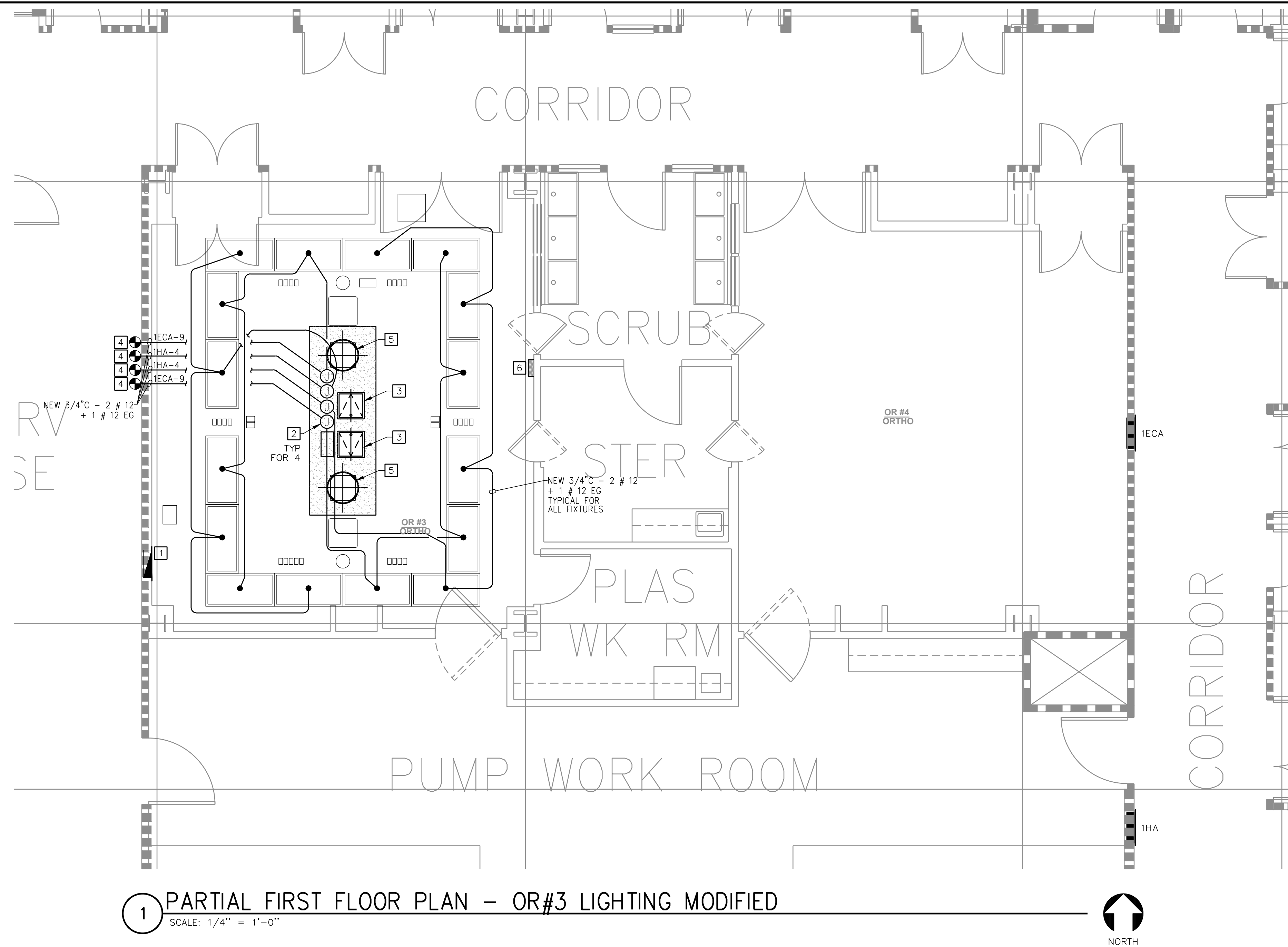
E-5

KEY PLAN



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1 PARTIAL FIRST FLOOR PLAN - OR#3 LIGHTING MODIFIED  
SCALE: 1/4" = 1'-0"

KEY NOTES

- 1 EXISTING PANEL "I3" 100A, 208/ 120V 3P, 4W (CRITICAL). TO REMAIN
- 2 EXISTING CEILING MOUNTED J-BOX FOR EXISTING SURGICAL LIGHT EXISTING ROOM LIGHT FIXTURE TO REMAIN.
- 3 NEW LOCATION OF ACCESS PANEL.
- 4 EXISTING J-BOX (APPROXIMATE LOCATION) FIELD VERIFY.
- 5 NEW SURGICAL LIGHTS
- 6 NEW SURGICAL LIGHTING CONTROLLER. TWO STACKED.



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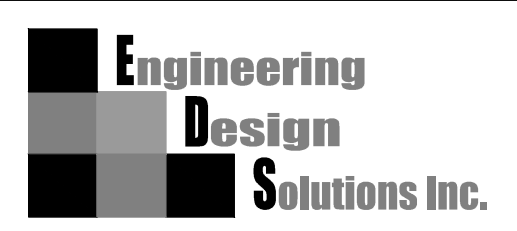
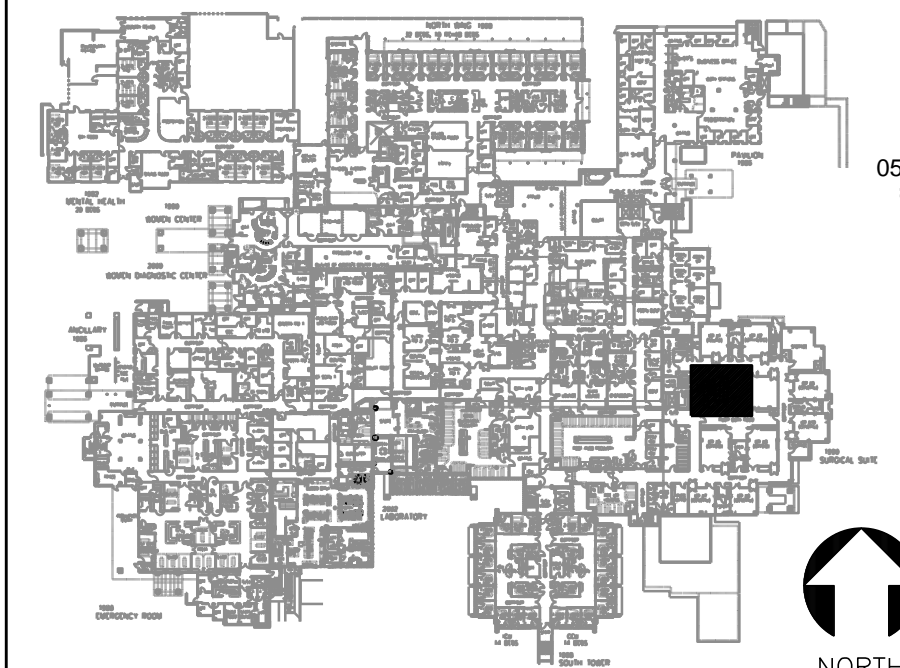
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