PHILIPS HEALTHCARE

RADIOLOGY DEPARTMENT RENOVATIONS
PHILIPS TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
WMC HEALTH - BON SECOURS CHARITY HEALTH SYSTEM

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P301	PLUMBING DOMESTIC WATER NEW WORK PLAN
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P501	PLUMBING FIRE PROTECTION NEW WORK PLAN

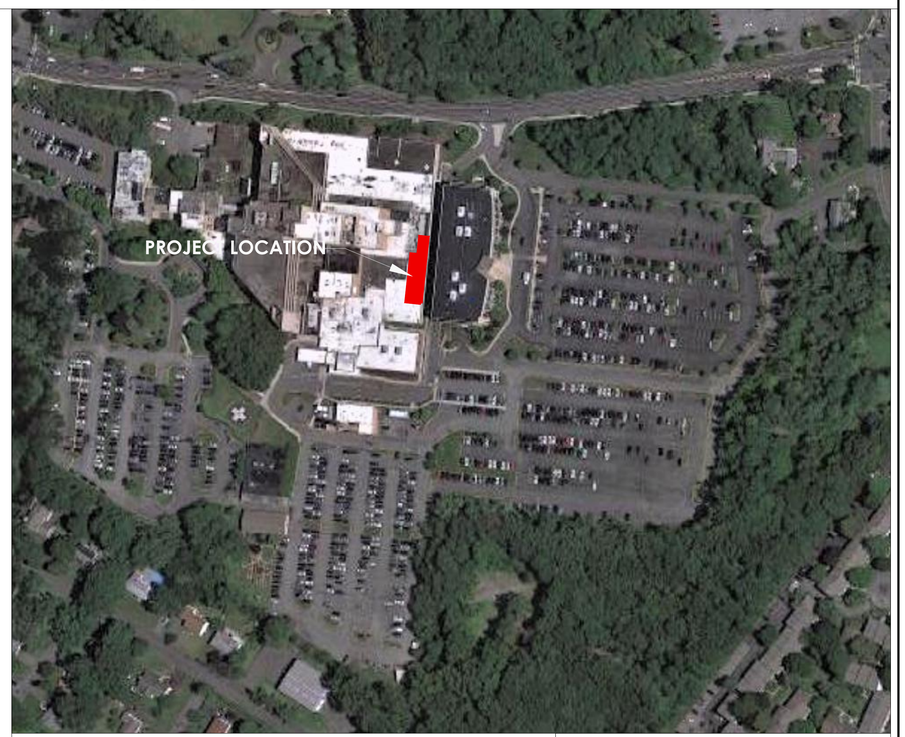
MECHANICAL

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H101.2	PHASE 1 MECHANICAL DEMOLITION PLANS
H101.3	PHASE 2 MECHANICAL DEMOLITION PLANS
H101.4	PHASE 3 MECHANICAL DEMOLITION PLANS
H201	MECHANICAL NEW WORK PLANS
H201.1	MECHANICAL MAKE READY PHASE NEW WORK PLAN
H201.2	PHASE 1 MECHANICAL NEW WORK PLANS
H201.3	PHASE 2 MECHANICAL NEW WORK PLANS
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H501	MECHANICAL CONTROLS DIAGRAMS
H700	ENLARGED MECHANICAL ROOM
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H900	MECHANICAL SCHEDULES

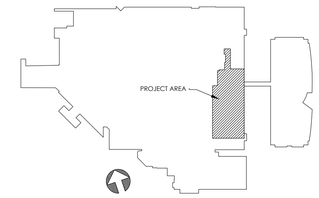
ELECTRICAL

E000	ELECTRICAL SYMBOLS LEGEND AND GENERAL NOTES
E001	ELECTRICAL SINGLE LINE DIAGRAM
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E400	ELECTRICAL SYSTEMS PLAN
E500	ELECTRICAL TELE/DATA PLAN
E700	ELECTRICAL ENLARGED MRI PLAN
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E900	ELECTRICAL SCHEDULES

SITE LOCATION PLAN



KEY PLAN



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NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP/LI	CG

SCALE AS SHOWN

SHEET TITLE
TITLE SHEET

PROJECT NUMBER
15068.00

T
000
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ARCH\A01T-1.dwg
Date last accessed: 3/8/2021 5:36 PM
Date last plotted: 3/8/2021 5:37 PM
Plotted By: Charlene Gabriel

Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\04 CAD\AutoCAD\ARCH\A01\G-001.dwg Date last accessed: 3/3/2021 5:43 PM Date last plotted: 3/8/2021 3:11 PM Plotted By: Charlene Gabriel

ABREVATIONS

&	-	AND
ACU	-	AIR CONDITIONING UNIT (S)
ACM	-	ASBESTOS CONTAINING MATERIAL
ACT	-	ACOUSTICAL CEILING TILE
ACW	-	ASBESTOS CONTAINING WASTE
AD	-	ACCESS DOOR
ADJ	-	ADJACENT
AFF	-	ABOVE FINISH FLOOR
AHU	-	AIR HANDLER UNIT
ALUM	-	ALUMINUM
ALT	-	ALTERNATE
AMB	-	AMBIENT
AMP	-	AMPERE
APD	-	AIR PRESSURE DROP
APPROX	-	APPROXIMATE
ARCH	-	ARCHITECTURAL
AVG	-	AVERAGE
BDD	-	BACK DRAFT DAMPER
BFW	-	BOILER FEED WATER
BHP	-	BRAKE HORSE POWER
BITUM	-	BITUMINOUS
BLDG	-	BUILDING
BLK	-	BLOCK
BTUH	-	BRITISH THERMAL UNITS/HOUR
BU	-	BUILT UP
BUR	-	BUILT UP ROOFING
C	-	COMMON
CV	-	COEFFICIENT, VALVE FLOW
CB	-	CATCH BASIN
C.C.	-	COOLING COIL
CLG	-	CEILING
CER/CEG	-	CEILING EXHAUST REGISTER/ GRILLE
CFM	-	CUBIC FEET PER MINUTE
C.H.	-	CEILING HEIGHT
CHWR	-	CHILLED WATER RETURN
CHWS	-	CHILLED WATER SUPPLY
C.J.	-	CONTROL JOINT
CL	-	CENTER LINE
CLG WTR	-	COOLING WATER
CLOS	-	CLOSET
CMP	-	CORRUGATED METAL PIPE
C.O.	-	CLEAN OUT
COL	-	COLUMN
COMPR	-	COMPRESSOR
CONC	-	CONCRETE
COND	-	CONDENSER
CONSI	-	CONSTRUCTION
CONT	-	CONTINUOUS
CONTR	-	CONTRACTOR
CONV	-	CONVECTOR
CP	-	CONDENSATE PUMP
CRR/CRG	-	CEILING RETURN REGISTER/ GRILLE
CRU	-	COMPUTER ROOM UNIT
CSD	-	CEILING SUPPLY DIFFUSER
CT	-	CERAMIC TILE
C.TWR	-	COOLING TOWER
CU	-	CONDENSER UNIT
CU FT.	-	CUBIC FEET
CUH	-	CABINET UNIT HEATER
CWR	-	CONDENSER WATER RETURN
CWS	-	CONDENSER WATER SUPPLY
D/DIA	-	DIAMETER
DB	-	DRY BULB TEMPERATURE
dB	-	DECIBEL
DC	-	DUST COLLECTOR
DEG	-	DEGREE
DEMO	-	DEMOLITION
D.F.	-	DRINKING FOUNTAIN
D.H.	-	DOUBLE HUNG
DIM	-	DIMENSION
DN	-	DOWN
D.O.	-	REPEAT/DOOR OPENING
DP	-	DEEP
DR	-	DOOR
DWG	-	DRAWING
DX	-	DIRECT EXPANSION
E	-	EAST
EA	-	EACH
EAT	-	ENTERING AIR TEMPERATURE
E.CONTR.	-	ELECTRICAL CONTRACTOR
EDB	-	ENTERING DRY BULB
EDR	-	EQUIVALENT DIRECT RADIATION
E.F.	-	EXHAUST FAN
EFF	-	EFFICIENCY
E.J.	-	EXPANSION JOINT
EQ	-	EQUAL
ELEC	-	ELECTRICAL
EL/ELEV	-	ELEVATION
E.M.H.	-	ELEMENTARY SCHOOL MOUNTING HEIGHT
ENCL.	-	ENCLOSURE
ENTR.	-	ENTRANCE
EQUIP	-	EQUIPMENT
ESP	-	EXTERNAL STATIC PRESSURE
ETC	-	AND SO FORTH
EVAP	-	EVAPORATOR
EWB	-	ENTERING WET BULB
EWT	-	ENTERING WATER TEMPERATURE
EXH	-	EXHAUST
EXH.A	-	EXHAUST AIR
EXIST	-	EXISTING
EXP	-	EXPANSION
EXT	-	EXTERIOR
F	-	FAHRENHEIT
F.A.I.	-	FRESH AIR INTAKE
FCU	-	FAN COIL UNIT
F.D.	-	FLOOR DRAIN
F.DAMP.	-	FIRE DAMPER
F.E.	-	FIRE EXTINGUISHER
F.G.	-	FIBER GLASS
FIN	-	FINISH
FIXT	-	FIXTURE
FHC	-	FIRE HOSE CABINET
FL/FLR	-	FLOOR
FTG	-	FOOTING
FOB	-	FLAT ON BOTTOM
FOG	-	FUEL OIL GAUGE
FOR	-	FUEL OIL RETURN
FOS	-	FUEL OIL SUPPLY
FOT	-	FLAT ON TOP
F.P.	-	FIRE PROOF
FPM	-	FEET PER MINUTE
FPS	-	FEET PER SECOND
FRP	-	FIBERGLASS REINFORCED POLYSTYRENE
FT	-	FOOT OR FEET
GA	-	GAUGE
GAL	-	GALLONS
GALV	-	GALVANIZED
G.C	-	GENERAL CONSTRUCTION
GEN	-	GENERAL
GL	-	GLASS
GPH	-	GALLONS PER HOUR
GPM	-	GALLONS PER MINUTE
GR	-	GRAINS
G.V.	-	GAS VALVE
GYP. BD	-	GYPSUM BOARD
GYP. FB	-	GYPSUM FIBERBOARD
H	-	HEIGHT
H.B.	-	HOSE BIB
HC/	-	HEATING, VENTING, AND AIR
H-CONTR	-	CONDITIONING CONTRACTOR
H/C	-	HEATING/COOLING
H/C	-	HEATING/COOLING
HC	-	HANDICAP ACCESSIBLE
HD	-	HEAD
HEAT.CL.	-	HEATING COIL
HG	-	REFRIGERANT HOT GAS
H.M	-	HOLLOW METAL
HORIZ	-	HORIZONTAL
H.P.	-	HIGH POINT
HPS	-	HIGH PRESSURE STEAM
H.PWR	-	HORSE POWER
HR	-	HOUR (S)
HT	-	HEAT
HTHW	-	HIGH TEMPERATURE HOT WATER
HTR	-	HEATER
HV	-	HEATING/VENTILATION UNIT
H.W.C.	-	HIGH IMPACT WALL COVERING
HWR	-	HOT WATER RETURN
HWS	-	HOT WATER SUPPLY
HX	-	HEAT EXCHANGER
HZ	-	FREQUENCY(CYCLES PER MINUTE)
ID	-	INSIDE DIAMETER
IEF	-	IN-LINE EXHAUST FAN
INT	-	INTERIOR
INSUL	-	INSULATION
INV	-	INVERT
IN	-	INCH
J.C	-	JANITOR'S CLOSET
JT	-	JOINT
J.B	-	JUNCTION BOX
KIT	-	KITCHEN
KW	-	KILOWATT
K.M.H.	-	KINDERGARTEN MOUNTING HEIGHT
L	-	LENGTH
LAT	-	LEAVING AIR TEMPERATURE
LAM	-	LAMINATE
LAV	-	LAVATORY
LBS/#	-	POUNDS
LC.C	-	LEAD COATED COPPER
LDR	-	LEADER
LF	-	LINEAR FEET
LIQ	-	LIQUID
LL	-	LIVE LOAD
LP	-	LOW POINT
LPS	-	LOW PRESSURE STEAM
LRG	-	LINEAR RETURN GRILLE
LSD	-	LINEAR SUPPLY DIFFUSER
LWT	-	LEAVING WATER TEMPERATURE
M	-	MIRROR
MAX	-	MAXIMUM
MAT	-	MATERIAL
MBH	-	BTU PER HOUR (THOUSAND)
MD	-	MOTORIZED DAMPER
MECH	-	MECHANICAL
MFR	-	MANUFACTURER
MIN	-	MINIMUM
MISC	-	MISCELLANEOUS
MO	-	MASONRY OPENING
MPS	-	MEDIUM PRESSURE STEAM
MS	-	MARBLE SADDLE
MH	-	MAN HOLE
MTD	-	MOUNTED
MTL	-	METAL
N	-	NORTH
N/A	-	NOT APPLICABLE
NC	-	NORMALLY CLOSED
N.I.C	-	NOT IN CONTRACT
NO (S)	-	NUMBER(S)
N.OPEN	-	NORMALLY OPEN
N.T.S	-	NOT TO SCALE
OA	-	OUTSIDE AIR
OC	-	ON CENTER
OD	-	OUTSIDE DIAMETER
ODR	-	OPEN DUCT RETURN
OF	-	OUTSIDE FACE
OH	-	OVERHEAD
OPNG	-	OPENING
OPP	-	OPPOSITE
OZ	-	OUNCE
P	-	PUMP(IN-LINE OR BASE MOUNTED)
PART	-	PARTIAL
P-CONTR	-	PLUMBING CONTRACTOR
PB	-	PANEL BOX
PD	-	PRESSURE DROP
PH	-	PENTHOUSE
PLT	-	PLATE
PLUMB	-	PLUMBING
PLYWD	-	PLYWOOD
PNL	-	PANEL
PNT	-	PAINT
PREFAB	-	PREFABRICATED
PRESS	-	PRESSURE
PSI	-	POUNDS PER SQUARE INCH
PT	-	PRESSURE TREATED
QT	-	QUARRY TILE
QTY	-	QUANTITY
R	-	RISER/RADIUS
RA	-	RETURN AIR
RAD	-	RADIATION
RD	-	ROOF DRAIN
REF	-	ROOF EXHAUST FAN
REINF	-	REINFORCED
REQ'D	-	REQUIRED
RH	-	RELATIVE HUMIDITY
RO	-	ROUGH OPENING
RM	-	ROOM
RPM	-	REVOLUTIONS PER MINUTE
RPF	-	REINFORCED PERIMETER FLASHING
RTU	-	ROOF TOP UNIT
S	-	SINK
SA	-	SUPPLY AIR
SAN	-	SANITARY
SCHED	-	SCHEDULE
SD	-	SMOKE DETECTOR
S.DMPR	-	SMOKE DAMPER
SECT	-	SECTION
SF	-	SQUARE FOOT
SHT	-	SHEET
SIM.	-	SIMILIAR
SP	-	STATIC PRESSURE
SPEC(S)	-	SPECIFICATION (S)
SQ	-	SQUARE
SQ FT	-	SQUARE FEET
SS	-	STAINLESS STEEL
STD	-	STANDARD
STL	-	STEEL
STM	-	STEAM
STOR	-	STORAGE
STRUCT	-	STRUCTURAL
SUCT	-	SUCTION
SUSP	-	SUSPENDED
T	-	TREAD/TOILET
TCP	-	TEMPERATURE CONTROL PANEL
T.D.	-	TRENCH DRAIN
T.DIFF.	-	TEMPERATURE DIFFERENCE
TEL	-	TELEPHONE
TEMP	-	TEMPERED
TEMPR.	-	TEMPERATURE
THK	-	THICK
T.O.	-	TRIMMED OPENING
T.O.C.	-	TOP OF CURB
T.O.P.	-	TOP OF PARAPET
T.O.S.	-	TOP OF STEEL
TSP	-	TOTAL STATIC PRESSURE
TSTAT	-	THERMOSTAT
TYP	-	TYPICAL
U	-	URINAL
UH	-	UNIT HEATER
UL	-	UNDERWRITERS LABORATORY
UNFIN	-	UNFINISHED
UV	-	UNIT VENTILATOR
U.O.N.	-	UNLESS OTHERWISE NOTED
V	-	VOLT
VAV	-	VARIABLE AIR VOLUME
V.C.T	-	VINYL COMPOSITION TILE
VD	-	VOLUME DAMPER
VEL	-	VELOCITY
VEST	-	VESTIBULE
V.I.F	-	VERIFY IN FIELD
VLV	-	VALVE
VOL	-	VOLUME
V.P.	-	VISION PANEL
V.W.C.	-	VINYL WALL COVERING
W	-	WOMEN/WIDTH/WASHER
W/	-	WITH
WB	-	WET BULB
W.C.	-	WATER CLOSET
WD	-	WOOD
WEF	-	WALL EXHAUST FAN
WER/WEG	-	WALL EXHAUST REGISTER/GRILLE
'WG'	-	INCHES OF WATER, GAGE (PRESSURE)
W.G.	-	WIRE GLASS
WK	-	WORK
W.I.	-	WROUGHT IRON
W.P.	-	WATER PROOF
WPD	-	WATER PRESSURE DROP
W.R.	-	WATER RESISTANT
WRR/WRG	-	WALL RETURN REGISTER/GRILLE
WSR/WSG	-	WALL SUPPLY REGISTER/GRILLE
WTG	-	WALL TRANSFER GRILLE
WTR	-	WATER
W.W.F.	-	WELDED WIRE FABRIC
W.W.M.	-	WELDED WIRE MESH
YD	-	YARD DRAIN

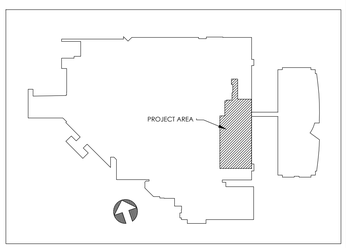
GRAPHIC LEGEND

- SHEET NO. / A124 / DRAWING NUMBER — INTERIOR ELEVATIONS
- DETAIL NUMBER / A124 / DRAWING NUMBER — DETAIL REFERENCE
- X — WORK SCOPE NOTE
- ROOM NAME / ROOM NO. — ROOM DESIGNATION
- P — CASEWORK (SEE SCHEDULE)
- P — PARTITION TYPE
- 4 / A124 — EXTERIOR ELEVATIONS
- CENTERLINE OR N.I.C.
- ELEV. 102'-6" — ELEVATION REFERENCE
- A — A — MATCH LINE
- 4 / A124 — WALL SECTION
- REMOVE EXISTING CONSTRUCTION
- EXISTING CONSTRUCTION
- 2 — REVISION MARK
- INDICATES HIDDEN LINE - ABOVE, BELOW, BEHIND, OR ITEMS TO BE REMOVED
- 6 — EXISTING DOOR ASSEMBLY INDICATES DOOR NUMBER (SEE SCHEDULE)
- 6 — EXISTING DOOR TO BE REMOVED - WORK SCOPE NOTE INDICATES REMOVAL WORK TO BE PERFORMED
- 6 — DOOR TO BE INSTALLED INDICATES DOOR NUMBER (SEE SCHEDULE)
- 4 / A124 — REFERENCE TO DETAILED DRAWING

MATERIAL LEGEND

- BRICK
- BATT INSULATION
- CONTINUOUS WOOD FRAMING THROUGH MEMBER.
- CONCRETE
- METALS
- PARTICLE BOARD
- RIGID INSULATION (PLAN)
- RIGID INSULATION (SECTION)
- COMPACTED GRAVEL
- METAL STUDS
- EARTH/UNDISTURBED SOIL
- STONE
- CRUSHED STONE
- CONC. MASONRY UNITS (PARTITION TYPE)
- NEW PARTITION (PARTITION TYPE)
- NEW LOW PARTITION (PARTITION TYPE)
- EXIST. / NEW — WOOD FRAMING
- FINISHED WOOD

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REVISIONS

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NY 10901

WARNING:

DATE	DRAWN	CHECKED
3/9/2021	AP/LJ	CG

SCALE AS SHOWN

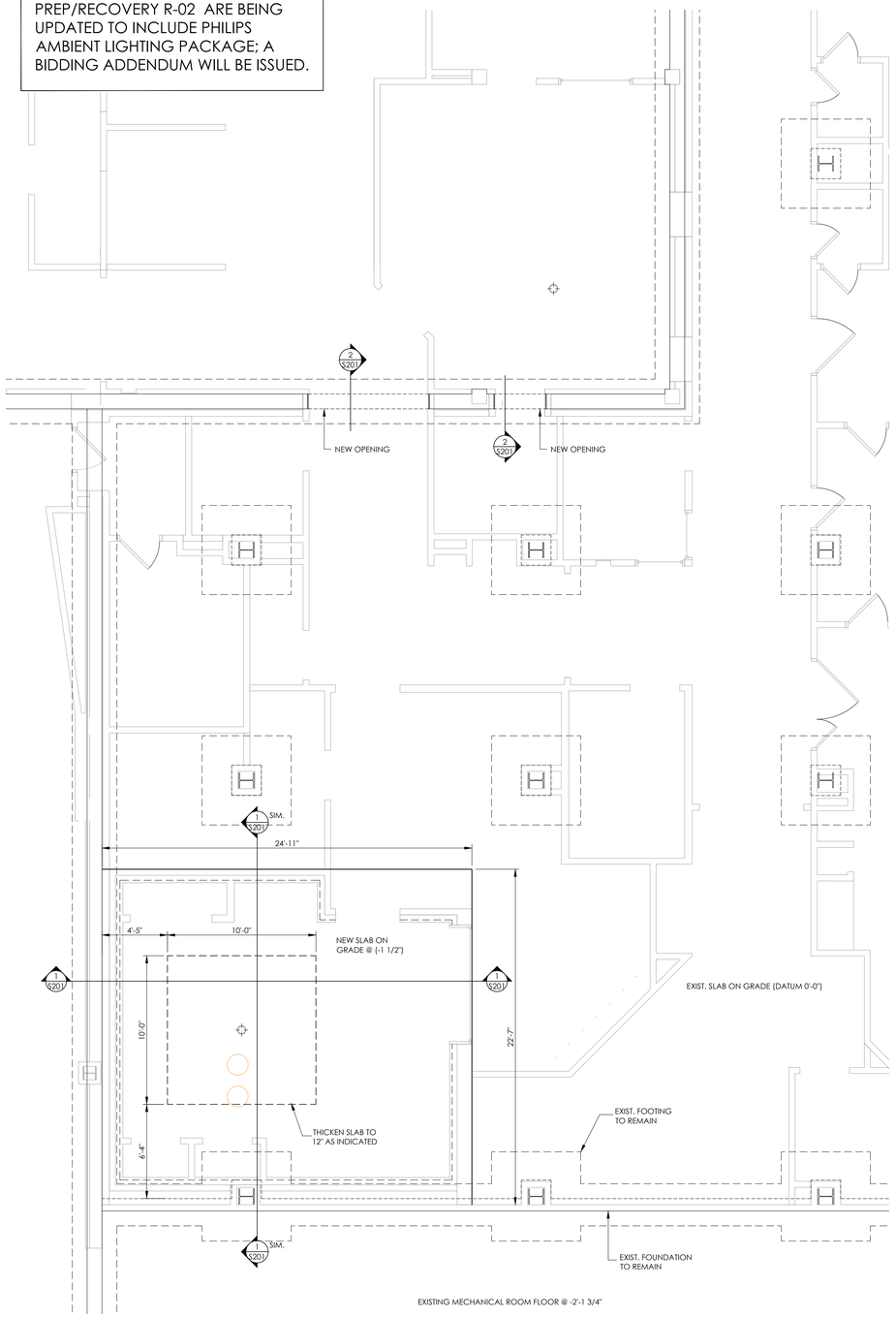
SHEET TITLE
ABBREVATIONS, AND LEGENDS

PROJECT NUMBER
15068.00

G001
DRAWING NUMBER

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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 S201 EXISTING FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

NOTES:

1. THICKNESS OF EXISTING SLAB ON GRADE IS NOT KNOWN. ASSUME 5" THICK ON CRUSHED STONE.

2. REMOVE EXISTING SLAB WHERE INDICATED AND EXCAVATE EXISTING CRUSHED STONE/SUBASE AS REQUIRED TO INSTALL NEW SLAB ON GRADE. TAPER CUT TO MINIMIZE UNDERMINING OF EXISTING SLAB AT PERIMETER. PLACE MINIMUM OF 6" CRUSHED STONE UNDER NEW SLAB.

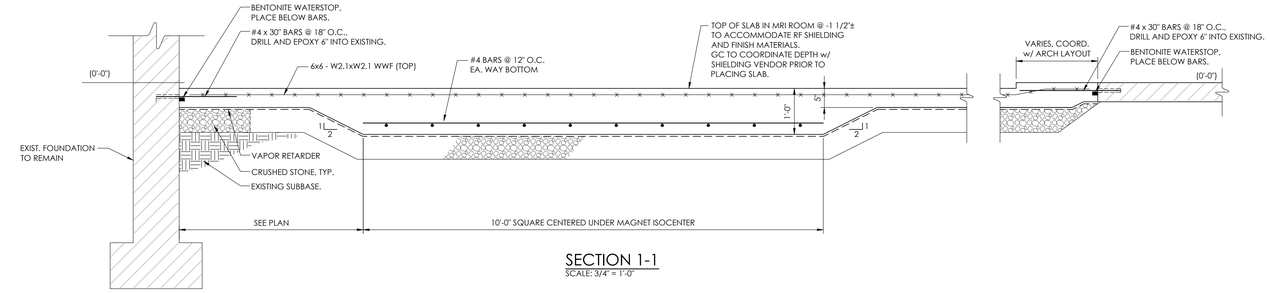
3. INSTALL BENTONITE WATERSTOP AROUND ENTIRE PERIMETER OF NEW SLAB POUR. INCLUDE A CRYSTALLINE WATERPROOFING ADMIXTURE (XYPEX OR EQUIVALENT) IN THE NEW SLAB ON GRADE MIX.

4. CONTRACTOR TO COMPLY WITH ALL FLOOR FLATNESS REQUIREMENTS AND TOLERANCES INDICATED IN MEDICAL EQUIPMENT SUBMITTAL.

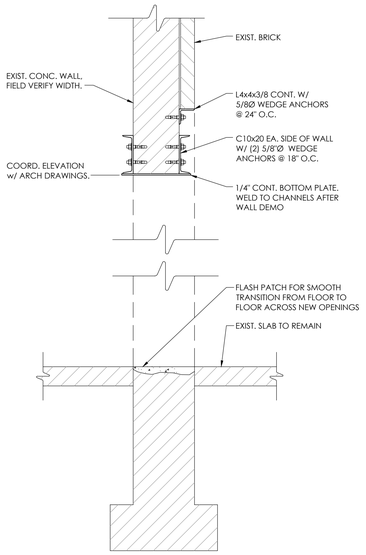
5. CONTRACTOR TO COORDINATE PATIENT TABLE AND GANTRY ANCHORAGE WITH MEDICAL EQUIPMENT SUBMITTAL.

6. EXISTING UNDERSLAB UTILITIES ARE NOT KNOWN. CONTRACTOR TO FIELD VERIFY UNDERSLAB UTILITIES PRIOR TO CUTTING SLAB.

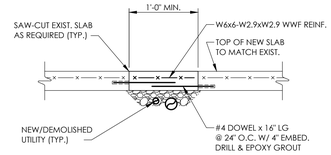
7. CONTRACTOR IS ADVISED THAT DEWATERING MEASURES MAY BE REQUIRED WHILE EXISTING EXCAVATION AND SLAB PREPARATION IS BEING PERFORMED.



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

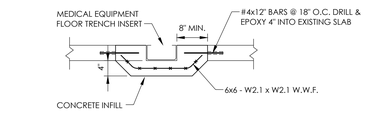


2 S201 SECTION
SCALE: 3/4" = 1'-0"



DETAIL NOTES:
1. REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR UTILITY LOCATIONS.

3 S201 NEW/DEMOLISHED UTILITIES AT EXISTING SLAB-ON-GRADE DETAIL
NO SCALE



PATCH EXISTING VAPOR BARRIER, IF PRESENT.

COORDINATE LOCATIONS w/ MEDICAL EQUIPMENT DRAWINGS AND ELECTRICAL DRAWINGS.

4 S201 FLOOR TRENCH RACEWAY AT EXISTING SLAB-ON-GRADE DETAIL
NO SCALE



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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION

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TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	BSC	BSC

SCALE AS SHOWN

SHEET TITLE
EXISTING FOUNDATION PLAN AND SECTIONS

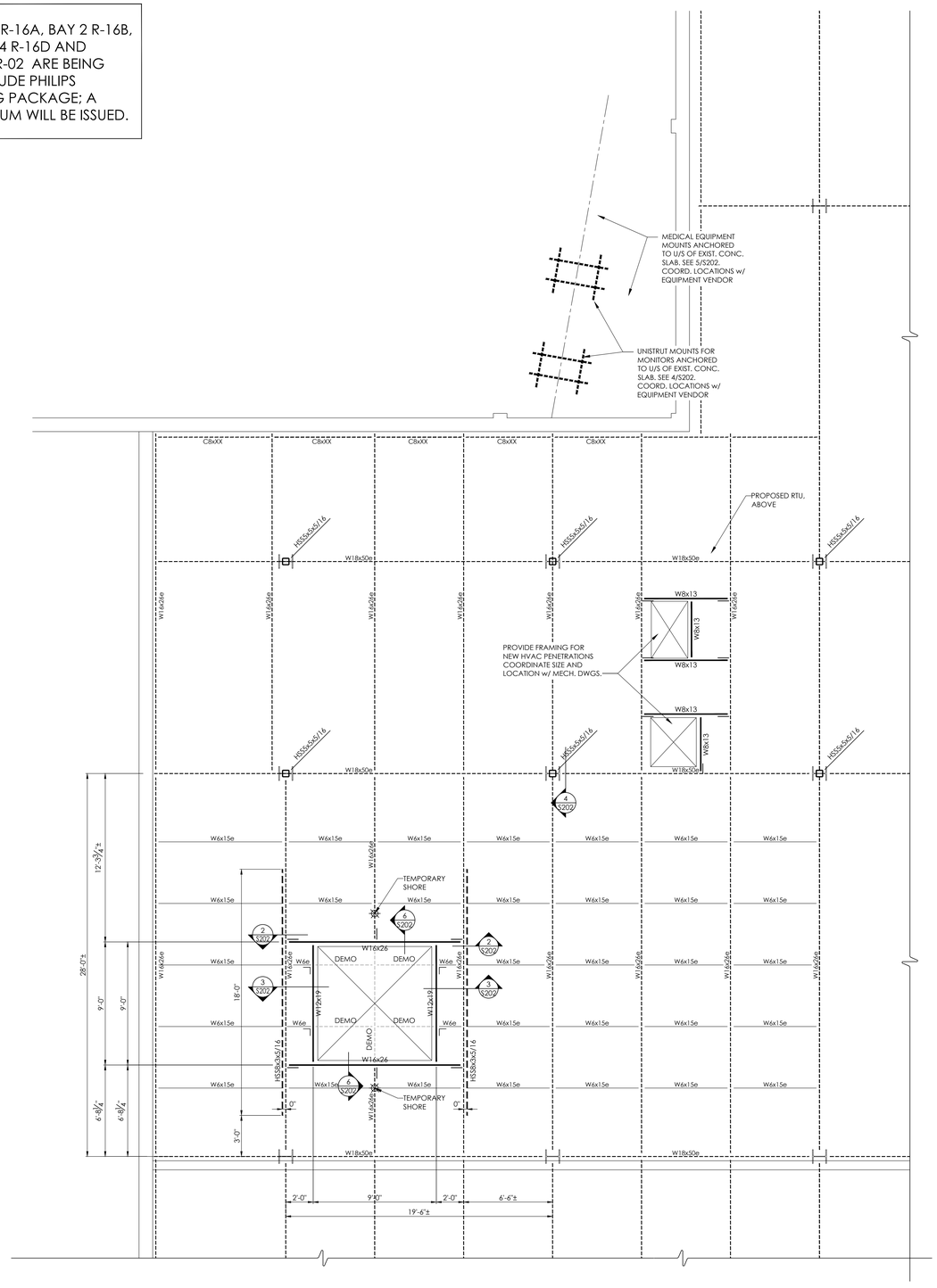
PROJECT NUMBER
15068.00

S201
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\STRUCT\S2\S201.dwg
Date last accessed: 3/8/2021 9:53 AM
Date last plotted: 3/8/2021 10:03 AM
Plotted By: Brian Cooney

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



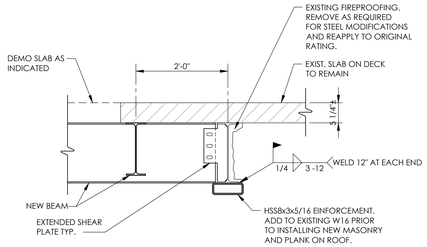
1 S202 EXISTING ROOF FRAMING PLAN
SCALE: 1/4" = 1'-0"

NOTES:

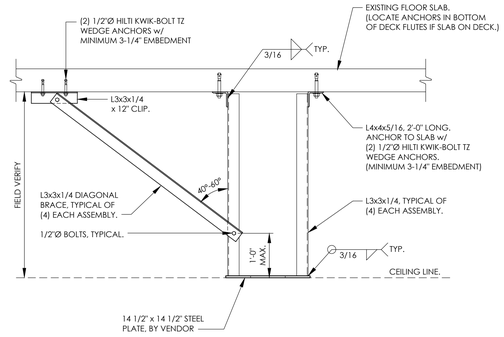
1. TOP OF EXISTING SLAB IS 13'-10 1/4"+/- ABOVE GROUND FLOOR DATUM.

2. EXISTING ROOF SLAB IS 5 1/4" CONCRETE. ASSUME 3 1/4" CONCRETE ON 1 1/2" COMPOSITE DECK.

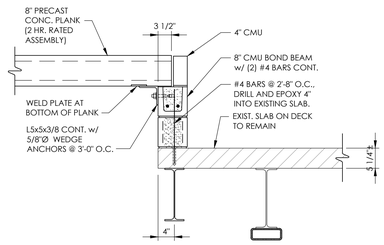
3. EXISTING STEEL IS SPRAY FIREPROOFED. REPLACE ANY AND ALL FIREPROOFING REMOVED FOR FACILITATING STEEL MODIFICATIONS BACK TO ORIGINAL RATINGS.



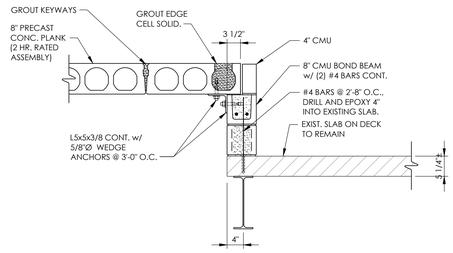
2 S202 SECTION
SCALE: 3/4" = 1'-0"



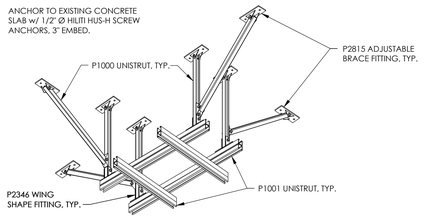
5 S202 INJECTOR AND MONITOR BOOM MOUNT DETAIL
NO SCALE



3 S202 SECTION
SCALE: 3/4" = 1'-0"



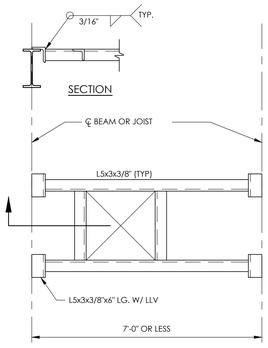
6 S202 SECTION
SCALE: 3/4" = 1'-0"



4 S202 SUSPENDED EQUIPMENT SUPPORT DETAIL: ISOMETRIC VIEW
NO SCALE

USE FOR SUSPENSION OF EQUIPMENT WEIGHING LESS THAN 500 LBS. COORDINATE MOUNTING HEIGHTS ABOVE CEILING WITH APPROVED EQUIPMENT SUBMITTALS AND WITH EQUIPMENT VENDOR.

USE FOR SUSPENDING HOSE REEL BOXES AND CEILING MOUNTED TV MONITORS.



7 S202 TYP. STEEL FRAME FOR ROOF/FLOOR OPENING
NO SCALE



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SCALE AS SHOWN

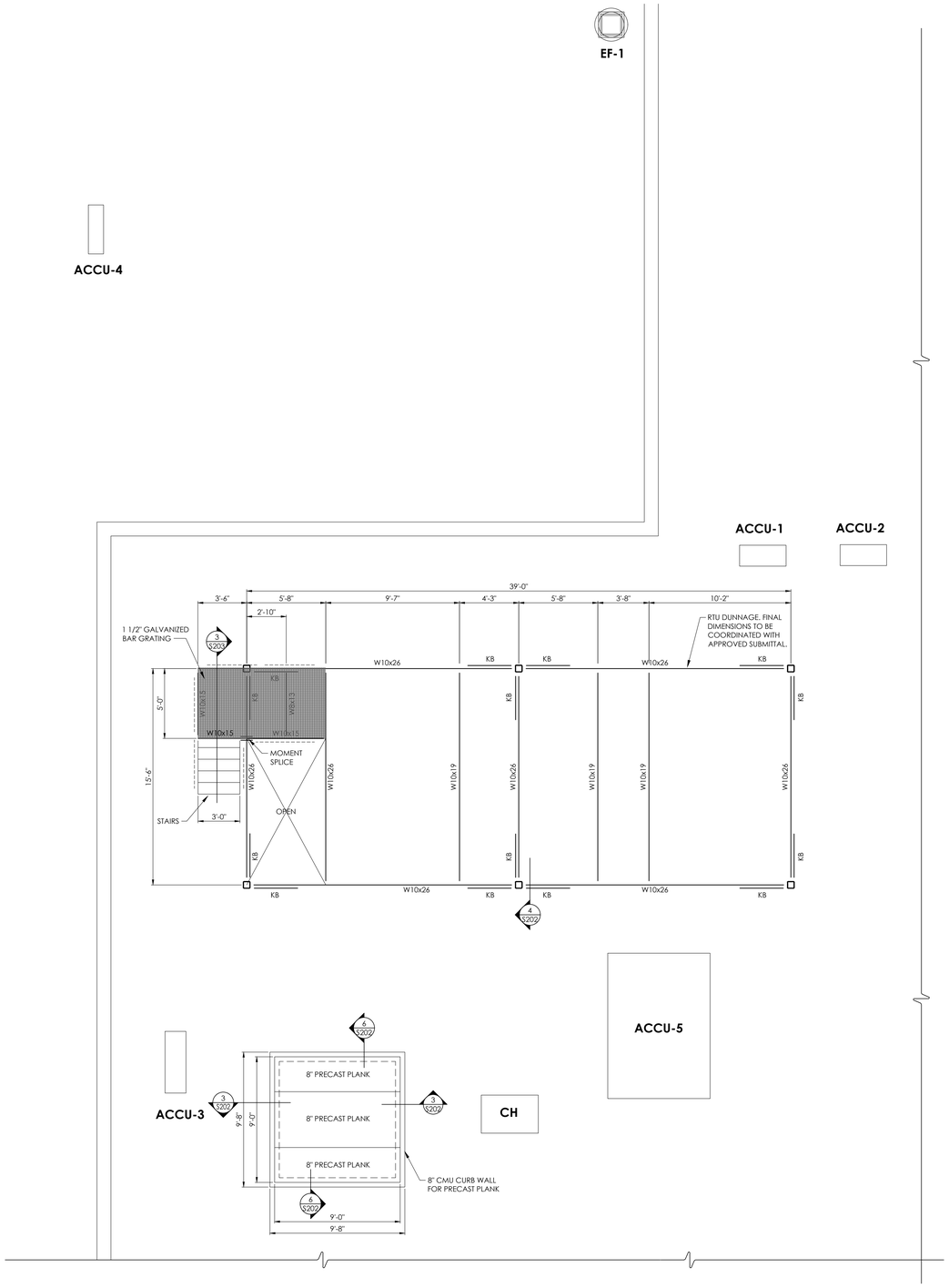
SHEET TITLE
EXISTING ROOF FRAMING PLAN

PROJECT NUMBER
15068.00

S202
DRAWING NUMBER

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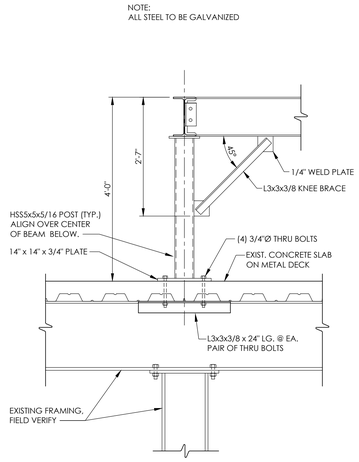
Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\STRUCT\S2\S202.dwg Date last accessed: 3/8/2021 9:23 AM Date last plotted: 3/8/2021 10:03 AM Plotted By: Brian Cooney



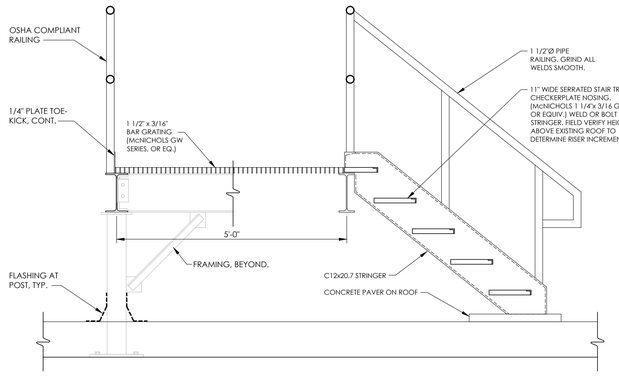
1 S203 STRUCTURAL ROOF PLAN
SCALE: 1/4" = 1'-0"

NOTES:

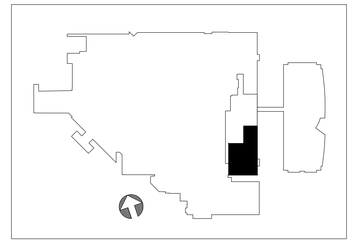
1. TOP OF EXISTING SLAB IS 13'-10 1/4"+/- ABOVE GROUND FLOOR DATUM.
2. EXISTING ROOF SLAB IS 5 1/4" CONCRETE. ASSUME 3 1/4" CONCRETE ON 1 1/2" COMPOSITE DECK.
3. ALL STEEL FRAMING ABOVE ROOF SHALL BE HOT-DIPPED GALVANIZED.
4. RTU DUNNAGE DIMENSIONS SHOWN FOR BIDDING PURPOSES ONLY. FINAL DIMENSIONS TO BE COORDINATED WITH APPROVED RTU SUBMITTAL.
5. RTU DESIGN WEIGHT IS 19,000 LBS.
6. DESIGN LOADS FOR PRECAST PLANK ARE AS FOLLOWS:
   SUPERIMPOSED DEAD LOAD = 15 PSF
   SUPERIMPOSED LIVE LOAD = 40 PSF
7. COORDINATE ROOF PENETRATIONS WITH MECHANICAL DRAWINGS.



2 S203 SECTION
SCALE: 3/4" = 1'-0"



3 S203 SECTION
SCALE: 3/4" = 1'-0"



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SCALE AS SHOWN

SHEET TITLE
RTU DUNNAGE FRAMING PLAN, SECTIONS, AND DETAILS

PROJECT NUMBER
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S203
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\STRUCT\S2\S203.dwg Date last accessed: 3/8/2021 9:59 AM Date last plotted: 3/8/2021 10:02 AM Plotted By: Brian Cooney

GENERAL NOTES

1. THE STRUCTURE SHOWN ON THESE DRAWING IS SOUND ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL TEMPORARILY BRACE THE STRUCTURE AND ITS COMPONENTS TO RESIST ALL LATERAL FORCES DURING CONSTRUCTION.

2. REFER TO THE "SPECIAL INSPECTIONS" SECTION OF THE SPECIFICATIONS FOR PROJECT REQUIREMENTS AND PERTINENT INFORMATION.

3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, ELEVATIONS AND CONDITIONS SHOWN ON THE DRAWINGS AND IMMEDIATELY NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES PRIOR TO ORDERING OR FABRICATING MATERIALS OR OTHERWISE PROCEEDING WITH THE WORK.

4. PROVIDE ALL LABOR, MATERIAL, EQUIPMENT AND SERVICES REQUIRED TO EXECUTE AND COMPLETE ALL ITEMS OF WORK AS SHOWN OR INDICATED ON THE DRAWINGS AND AS SPECIFIED HEREIN, INCLUDING INCIDENTAL ITEMS TO EFFECT A FINISHED AND COMPLETE JOB, EVEN THOUGH SUCH ITEMS ARE NOT SHOWN OR PARTICULARLY MENTIONED.

5. ALL STRUCTURAL WORK, INCLUDING MATERIAL STRESSES AND METHODS OF CONSTRUCTION, SHALL BE IN COMPLIANCE WITH THE 2020 NEW YORK STATE BUILDING CODE, THE UNIFORM BUILDING CODE, OSHA AND GOVERNING AGENCIES HAVING JURISDICTION.

6. CONTRACTOR SHALL MAINTAIN SAFE PUBLIC ACCESS TO AND FROM ALL BUILDING EXITS AT ALL TIMES AND SHALL NOT BLOCK SHIPPING OR RECEIVING.

7. CONTRACTOR SHALL USE CONSTRUCTION METHODS THAT ARE IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

8. CONTRACTOR SHALL BE COMPLETELY RESPONSIBLE FOR ADEQUATELY SHORING EXISTING CONSTRUCTION WHILE PERFORMING NEW WORK.

9. DIMENSIONS ARE NOT TO BE DERIVED BY SCALING THESE DRAWINGS. IF THERE ARE ANY QUESTIONS REGARDING DIMENSIONS, CONTACT THE ARCHITECT/ENGINEER FOR INFORMATION PRIOR TO SUBMITTING SHOP DRAWINGS.

10. THE CONTRACTOR SHALL COORDINATE ALL STRUCTURAL WORK WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS AND SPECIFICATIONS, AND WITH THE WORK OF ALL OTHER TRADES.

11. REFER TO MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF MECHANICAL OPENINGS.

12. ALL FLOOR, WALL AND CEILING PENETRATIONS THROUGH FIRE WALLS SHALL BE SEALED AGAINST SMOKE AND FIRE TRANSMISSION.

13. MATERIAL AND EQUIPMENT STORAGE SHALL BE ON SITE AND AS DIRECTED BY OWNER.

14. MAINTAIN PREMISES AND PUBLIC PROPERTIES FREE FROM ACCUMULATIONS OF WASTE MATERIALS, DEBRIS AND RUBBISH CAUSED BY OPERATIONS.

15. AFTER COMPLETION OF WORK, CONTRACTOR SHALL REMOVE ALL WASTE MATERIALS, RUBBISH, TOOLS, AND SURPLUS MATERIALS AND CLEAN SIGHT EXPOSED SURFACES. CONSTRUCTION SITE SHALL BE ORGANIZED AND CLEANED UP BY CONTRACTOR ON A DAILY BASIS.

16. THE CONTRACTOR SHALL RESTORE TO ITS ORIGINAL CONDITION ALL SITE APPURTENANCES DAMAGED UNDER THIS CONTRACT AT NO ADDITIONAL COST TO THE OWNER.

17. ALL MATERIAL SCHEDULED FOR DEMOLITION SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS NOTED OTHERWISE AND SHALL BE DISPOSED OF LEGALLY.

18. ALL DETAILS, SECTIONS AND NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL AN SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE, UNLESS SPECIFICALLY SHOWN OTHERWISE.

19. INFORMATION IN THESE STRUCTURAL NOTES IS A SELECTED SUMMARY OF REQUIREMENTS. REFER TO SPECIFICATIONS FOR AMPLIFICATIONS OF REQUIREMENTS.

EXISTING CONSTRUCTION NOTES

1. BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH EXISTING STRUCTURAL AND OTHER CONDITIONS.

2. THE CONTRACTOR SHALL FIELD VERIFY THE DIMENSIONS, ELEVATIONS, ETC. NECESSARY FOR THE PROPER CONSTRUCTION AND ALIGNMENT OF THE NEW WORK TO THE EXISTING WORK.

3. EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM DRAWINGS PREPARED BY THE FIRM OF XXX, DATED XXX AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION MAY NOT NECESSARILY BE COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.

4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND ERECTION OF ALL SHORING NECESSARY TO SAFEGUARD THE EXISTING STRUCTURE.

5. THE CONTRACTOR SHALL SUBMIT A DETAILED PLAN FOR SHORING, BRACING AND PROTECTION OF THE EXISTING CONSTRUCTION. THE PLAN SHALL INCLUDE CONSTRUCTION SEQUENCE. BEAR THE SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF NEW YORK, AND BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW PRIOR TO THE BEGINNING OF WORK.

EXCAVATION & BACKFILL NOTES

1. EXCAVATIONS TO BE LAID BACK TO PREVENT SLOUGHING IN OF THE EXCAVATED AREAS PER OSHA REGULATIONS.

2. REMOVE AND DISPOSE OF LEGALLY FROM SITE:
   -EXCESS EXCAVATED MATERIAL
   -DEMOLISHED SLABS

3. UNDER SLABS ON GRADE - POROUS 6 INCH LIFT OF WASHED "CRUSHED STONES" CONSISTING OF: 50/50 MIX OF #1's AND #2's.

4. CONTRACTOR SHALL PROVIDE DEWATERING MEASURES AS REQUIRED DURING EXCAVATION AND PREPARATION OF NEW SLAB ON GRADE. CONTRACTOR IS ADVISED THAT GROUND WATER MAY BE CLOSE TO UNDERSIDE OF SLAB DURING THE SPRING SEASON.

CONCRETE NOTES: GENERAL

1. ALL CONCRETE WORK, CONSTRUCTION AND REINFORCING DETAILS SHALL CONFORM TO THE 2020 NEW YORK STATE BUILDING CODE AND "THE SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE BUILDING CODE REQUIREMENTS" (ACI-318).

2. ALL CONCRETE SHALL ATTAIN A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, U.N.O. SEE SPECIFICATIONS FOR MIX DESIGN REQUIREMENTS.

LOCATION	W/C RATIO	SLUMP (±1")	% AIR (±1%)	MAXIMUM AGGREGATE	MIN. STRENGTH @ 28 DAYS
SLAB ON GRADE	.45	3.5"	4	3/4"	4000 PSI

3. CONTRACTOR SHALL SUBMIT MIX DESIGNS PROPORTIONED BY A QUALIFIED TESTING LABORATORY.

4. PROVIDE MINIMUM OF FOUR (4) CYLINDERS PER EACH FIFTY (50) YARDS OR FRACTION THEREOF POURED IN ONE DAY. BREAK ONE AT 7 DAYS AND TWO AT 28 DAYS.

5. ALL REINFORCING STEEL SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES" (ACI-315).

6. REINFORCING STEEL SHALL CONFORM TO ASTM A-615 GRADE 60. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.

7. LAP SPLICES AND EMBEDMENT LENGTHS SHALL CONFORM TO ACI 318 - CHAPTER 12.

8. PROVIDE SHOP DRAWINGS FOR REINFORCING INCLUDING ALL NECESSARY ACCESSORIES TO HOLD REINFORCING SECURELY IN PLACE.

9. CLEAR COVER CONCRETE PROTECTION FOR REINFORCING STEEL SHALL BE:

2" - FORMED SURFACES IN CONTACT WITH SOIL OR EXPOSED TO WEATHER.
1" - FORMED SURFACES NOT IN CONTACT WITH SOIL OR EXPOSED TO WEATHER.

FOUNDATIONS

1. ALL FOUNDATIONS ARE TO BEAR ON APPROVED BEARING MATERIAL.

2. ALL FOUNDATION EXCAVATIONS ARE SUBJECT TO APPROVAL BY THE OWNER'S REPRESENTATIVE BEFORE ANY CONCRETE IS PLACED.

3. ALL FORMS AND REINFORCING STEEL IN PLACE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE BEFORE ANY CONCRETE IS PLACED.

4. NO FOUNDATION SHALL BE PLACED IN WATER OR ON FROZEN GROUND.

5. CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON THE JOB BEFORE COMMENCING WORK. REFER TO ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS AND DETAILS NOT SHOWN. REFER TO ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR LOCATION AND DIMENSIONS OF ANY OPENING, SLEEVES, INSERTS, SLAB DEPRESSIONS, ETC.

6. EPOXY ANCHORS SHALL BE HIT HY-200 INJECTION ADHESIVE ANCHORS AS MANUFACTURED BY HILTI, INC., TULSA OK (800-879-8000).

SLABS ON GRADE

1. ALL SLABS ON GRADE SHALL BE PLACED OVER A STEGO 10 MIL VAPOR BARRIER. TAPE ALL SEAMS AND PROVIDE FLASHING/BOOTS AROUND PIPE PENETRATIONS.

2. UNDER SLABS ON GRADE: COMPACTED 6 INCH LIFT OF CRUSHED STONE MATERIAL CONSISTING OF 50/50 MIX OF #1's AND #2's.

3. SLAB ON GRADE REINFORCEMENT SHALL BE 6x6-W2.1x2.1WWF, UNLESS NOTED OTHERWISE.

4. PROVIDE A CRYSTALLINE WATERPROOFING ADMIXTURE IN SLAB ON GRADE MIX DESIGN (XYPEX OR EQUIVALENT.)

4. WET CURE FOR 7 DAYS BEFORE APPLYING ANY WHEELED TRAFFIC.

5. CONCRETE SURFACE SHALL BE HARD STEEL TROWEL FINISH.

6. FOR FLOOR FINISH, FLOOR DRAINS, SLAB DEPRESSIONS, AND WATERPROOFING DETAILS SEE ARCHITECTURAL DRAWINGS.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS." HOT ROLLED STRUCTURAL STEEL SHAPES SHALL CONFORM TO ASTM A992. HOLLOW STRUCTURAL SHAPES (HSS) SHALL CONFORM TO ASTM A500 GRADE C. ANGLES, CHANNELS, AND OTHER MISCELLANEOUS METALS SHALL CONFORM TO ASTM A36.

2. STEEL CONNECTIONS ARE SHOWN SCHEMATICALLY. FABRICATOR IS RESPONSIBLE FOR DESIGN AND DETAILING OF CONNECTIONS. LOADS PROVIDED ON DRAWINGS ARE UNFACTORED.

3. EACH BEAM CONNECTION SHALL BE DESIGNED FOR ONE HALF OF THE TOTAL LOAD SHOWN IN THE AISC TABLES FOR THE RESPECTIVE SPAN UNLESS OTHERWISE NOTED. WHERE POSSIBLE, EACH BEAM CONNECTION SHALL BE OF THE TWO SIDED ANGLE TYPE AS PER AISC SPECIFICATION, UNLESS OTHERWISE NOTED ON THE DRAWINGS. MINIMUM CONNECTION SHALL BE TWO (2) BOLTS. ALL BEAM AND GIRDER CONNECTIONS SHALL BE WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325 BOLTS, 3/4" DIAMETER.

4. ALL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE DRAWINGS SHALL BE EITHER WELDED CONNECTIONS, OR BOLTED CONNECTIONS USING ASTM A325 BOLTS.

5. UNLESS SPECIFICALLY DETAILED OTHERWISE, SPLICES SHALL BE DESIGNED TO DEVELOP THE FULL CAPACITY OF THE MEMBER AT THE POINT OF THE SPLICE.

6. CUTS, HOLES, COPES, ETC., REQUIRED FOR WORK OF OTHER TRADES SHALL BE SHOWN ON SHOP DRAWINGS AND MADE IN THE SHOP. FIELD CUTTING OR BURNING WILL NOT BE PERMITTED.

7. ALL WELDING BOTH SHOP AND FIELD, SHALL BE PERFORMED BY CERTIFIED WELDERS IN ACCORDANCE WITH AWS SPECIFICATIONS. WELDING ELECTRODES SHALL CONFORM TO ASTM A233, E70-XX. MINIMUM WELD SIZE SHALL BE 1/4 INCHES (FILLET) UNLESS OTHERWISE NOTED. WELDED CONNECTIONS SHALL BE DESIGNED TO BE STRESSED TO LESS THAN 50% OF THEIR ALLOWABLE CAPACITIES.

8. STRUCTURAL STEEL SHALL RECEIVE A SHOP COAT OF RUST INHIBITING PAINT EXCEPT AS FOLLOWS:

A. CONTACT MILLED BEARING SURFACES
B. WITHIN TWO INCHES OF FIELD WELDS.
C. STEEL TO RECEIVE SPRAY FIREPROOFING
D. STEEL TO BE GALVANIZED

9. AFTER ERECTION, ALL DAMAGED AREAS IN THE SHOP COAT SHALL BE REPAIRED WITH THE SAME PAINT USED FOR THE SHOP COAT.

10. ALL EXPOSED WELDS TO BE CONTINUOUS, GROUND SMOOTH, CONTOURED AND BLENDED, AND FREE OF PITTING AND OTHER VISUAL DEFECTS. CAP ALL OPEN ENDS OF TUBE SHAPES WITH 1/4" STEEL PLATE.

11. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR REVIEW.

MASONRY NOTES

1. MASONRY CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES" (ACI-ASCE 530 AND 530.1).

2. ALL CONCRETE BLOCK SHALL CONFORM TO ASTM-C90 GRADE N-I.

TWO CORE BLOCK F'M = 1,900 PSI

3. ALL GROUT SHALL BE NON-SHRINK, AND SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS, AS MEASURED IN ACCORDANCE WITH ASTM C-109. GROUT FOR FILLING CELLS SHALL CONFORM TO ASTM C-476. SUBMIT MIX DESIGN FOR GROUT.

4. ALL MORTAR SHALL BE PORTLAND CEMENT, SAND, AND HYDRATED LIME TO CONFORM TO ASTM C270, TYPE S. NO BAG MIXES ARE ALLOWED. MINIMUM AVERAGE COMPRESSIVE STRENGTH OF MORTAR SHALL BE 1,800 PSI.

5. CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND, UNLESS OTHERWISE NOTED. HORIZONTAL AND VERTICAL JOINTS SHALL HAVE A UNIFORM WIDTH OF 3/8 INCHES. SEE ARCHITECTURAL DRAWINGS FOR OTHER BOND PATTERNS OF VENEER BLOCK.

6. MAINTAIN A MINIMUM OF 1/2" CLEARANCE BETWEEN REINFORCING BARS AND MASONRY. GROUT SHALL BE PLACED IN LIFTS NOT TO EXCEED 4'-0" IN HEIGHT.

7. LADDER TYPE REINFORCEMENT SHALL BE INSTALLED IN BED JOINTS 16" APART VERTICALLY, U.N.O. IN REGULAR TWO CORE BLOCK. REINFORCEMENT SHALL BE CONTINUOUS AND LAPPED AT LEAST SIX INCHES AT SPLICES. REINFORCEMENT SHALL BE SPLICED AT ALL CORNERS AND INTERSECTIONS. PROVIDE: W1.7 (9 GAGE) REINFORCEMENT AT 8" CMU WALLS.

8. PLACE GROUT IN ALL REINFORCED CELLS. PLACE GROUT IN ALL CELLS THAT ARE TO RECEIVE POST- INSTALLED WEDGE ANCHORS.

9. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. REINFORCING BARS MARKED "CONTINUOUS" SHALL BE LAPPED 36 BAR DIAMETERS. LAP SPLICES SHALL BE 48 BAR DIAMETERS. EMBEDMENT LENGTHS SHALL BE 36 BAR DIAMETERS.

10. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCING WHERE HORIZONTAL REINFORCING MEETS AT A CORNER OR INTERSECTION.

11. SUBMIT REINFORCING SHOP DRAWINGS.

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SCALE AS SHOWN

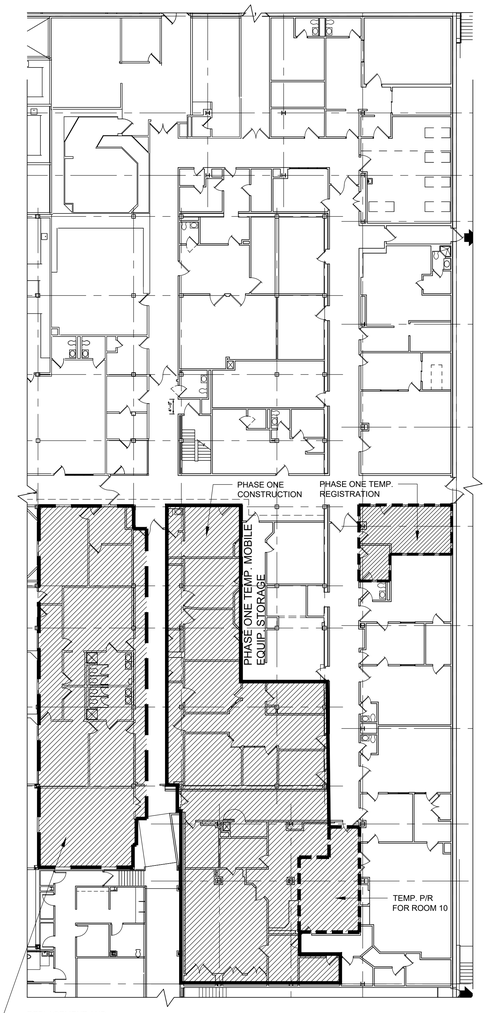
SHEET TITLE
STRUCTURAL NOTES

PROJECT NUMBER
15068.00

S800
DRAWING NUMBER

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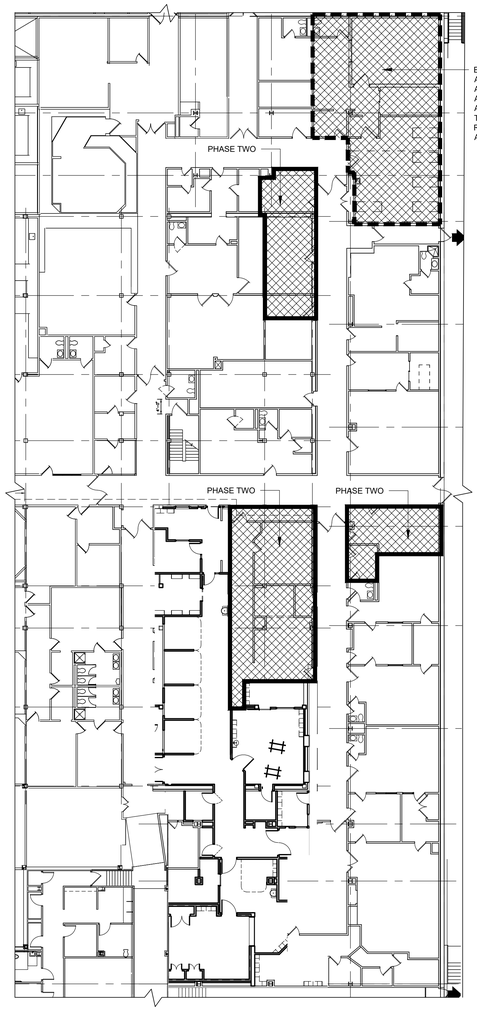


REPLACEMENT AND REDISTRIBUTION OF AC-1 REQUIRES WORK IN EXISTING CORRIDOR CEILING AND SURGICAL LOCKER AREA; GC TO COORDINATE WORK WITH GSH DURING NON-CRITICAL HOURS

PHASE ONE DISPLACEMENTS:
REGISTRATION
TECH BREAK ROOM
SCHEDULING OFFICE
MOBILE EQUIPMENT STORAGE
LISA'S OFFICE
BOB'S OFFICE
FRANK'S OFFICE
NURSE OFFICE
HSPKG
ROOM 11 & SCRUB
DAN'S OFFICE STAFF WR

MODIFICATION OF EXISTING ROOM 10 PREP/RECOVERY AREA AND CONSTRUCTION OF TEMPORARY REGISTRATION REQUIRED AS MAKE READY PROJECTS PRIOR TO PHASE ONE

1 A100 PHASE ONE PLAN
NTS



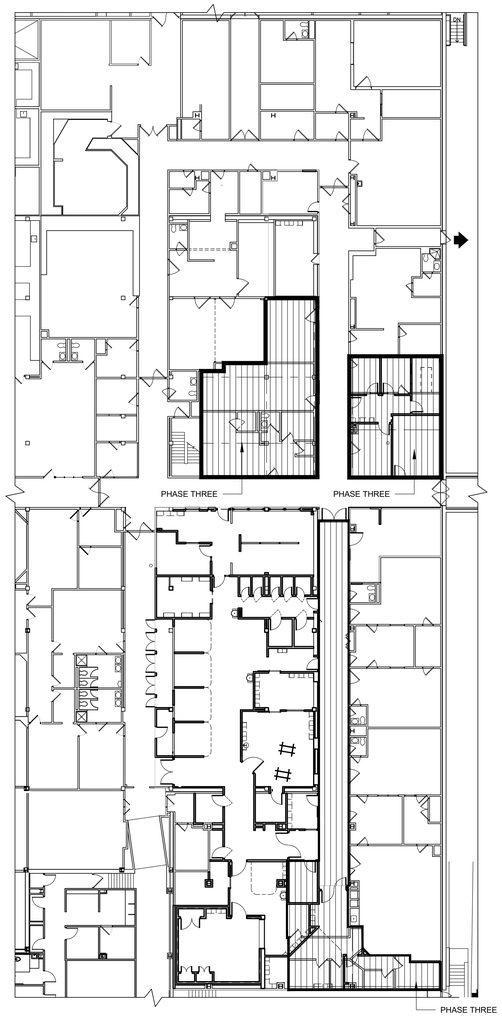
PHASE TWO DISPLACEMENTS:
EXISTING MRI WAITING
DR. LUCHS OFFICE
STAFF LOCKERS
TECH WORK AREA
TEMP. MOBILE EQUIP. STORAGE

EXISTING MRI AND MRI PREP COMES OFFLINE:
VACATED AREA AVAILABLE FOR TEMPORARY RELOCATIONS

EXISTING CT AND CT PREP TO REMAIN OPERATIONAL UNTIL EXISTING CT IN EMERGENCY DEPARTMENT IS REPLACED (SEPARATE PROJECT)

TIMING FOR BEGINNING OF PHASE 3 TO BE COORDINATED

2 A100 PHASE TWO PLAN
NTS



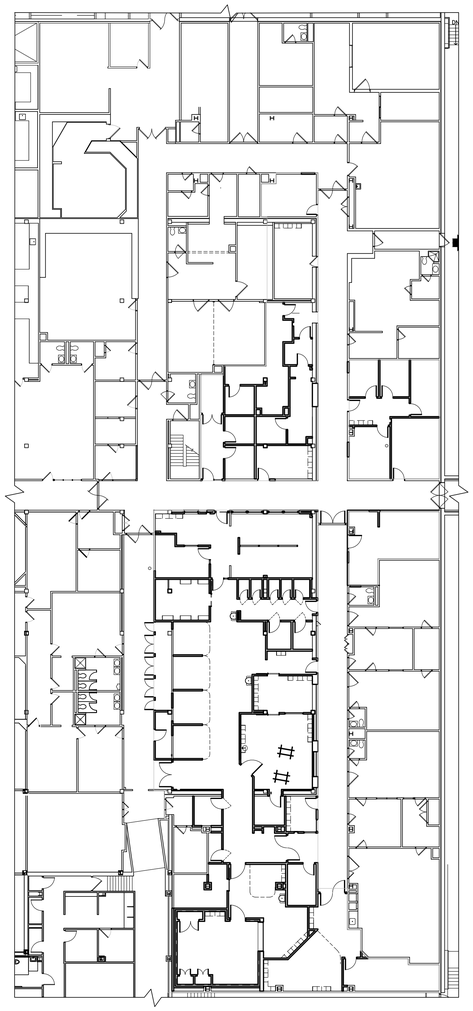
PHASE THREE DISPLACEMENTS:
BILLING OFFICE
PATIENT WAITING
NURSE BREAK ROOM / SUPPORT
FLEX (OLD CT PREP)
*EXISTING CT COMES OFFLINE

*EXISTING CT AND CT PREP TO REMAIN OPERATIONAL UNTIL EXISTING CT IN EMERGENCY DEPARTMENT IS REPLACED (SEPARATE PROJECT)

TIMING FOR BEGINNING OF PHASE 3 TO BE COORDINATED

REPLACE ALL EXISTING FINISHES (WALLS, FLOOR, AND CEILING) IN MAIN RADIOLOGY CORRIDOR ADJACENT TO ROOMS 7-10. THIS INCLUDES REPLACING EXISTING ACROVYN HANDRAILS WITH SIMILAR PRODUCT IN COLOR "PARCHMENT" TO MATCH NEW ACROVYN WALL COVERING.
THIS WORK IS TO BE BUDGETED FOR COMPLETION ON THIRD SHIFT AND WEEKEND HOURS TO MINIMIZE DEPARTMENT DISRUPTION. ACCESS TO AND FUNCTION OF ROOMS 7-10 NEEDS TO BE MAINTAINED FOR CLINICAL USE FROM 7:00AM - 4:00 PM MONDAY THRU FRIDAY. GC TO COORDINATE SCHEDULE WITH OWNER.

3 A100 PHASE THREE PLAN
SCALE: 3/32" = 1'-0"



4 A100 FINAL PLAN
NTS

PHASING KEY

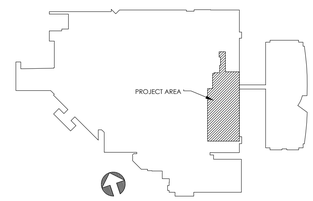
LEGEND:

PHASE ONE

PHASE TWO

PHASE THREE

KEY PLAN



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3/9/2021	AP	CG

SCALE: AS SHOWN

SHEET TITLE: PHASING PLAN

PROJECT NUMBER: 15068.00

A100
DRAWING NUMBER

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Date last accessed: 3/8/2021 3:20 PM
Date last plotted: 3/8/2021 3:21 PM
Plotted By: Charlene Gabriel

CODE REFERENCE

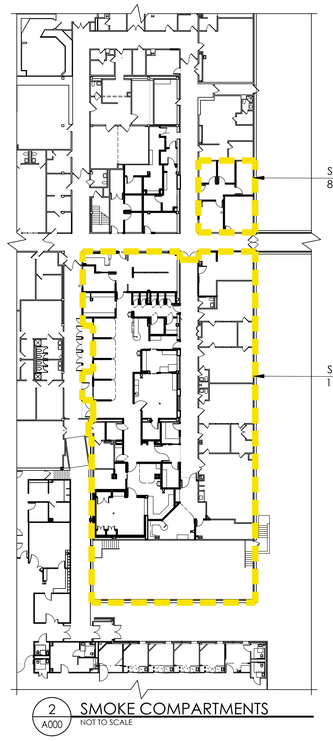
TRADE	CODE	EDITION
GENERAL CONSTRUCTION	IBC: BUILDING CODE	2020
PLUMBING	IPC: PLUMBING CODE	2020
MECHANICAL	IMC: MECHANICAL CODE	2020
ELECTRICAL	NEC: ELECTRIC CODE - NFPA 70	2020
FIRE CODE	IBC: FIRE CODE	2020
ENERGY-COMMERCIAL	ECSBC: ENERGY CONSERVATION CODE	2020
LIFE SAFETY	NFPA 101 - LIFE SAFETY CODE (CHAPTER 18 HEALTHCARE)	2012
ACCESSIBILITY	ANSI 117.1	2009
	ADA STANDARDS FOR ACCESSIBLE DESIGN	2010
DESIGN	GUIDELINES FOR DESIGN & CONSTRUCTION OF HEALTHCARE FACILITIES - FGI	2018

COMPARATIVE CODE SUMMARY

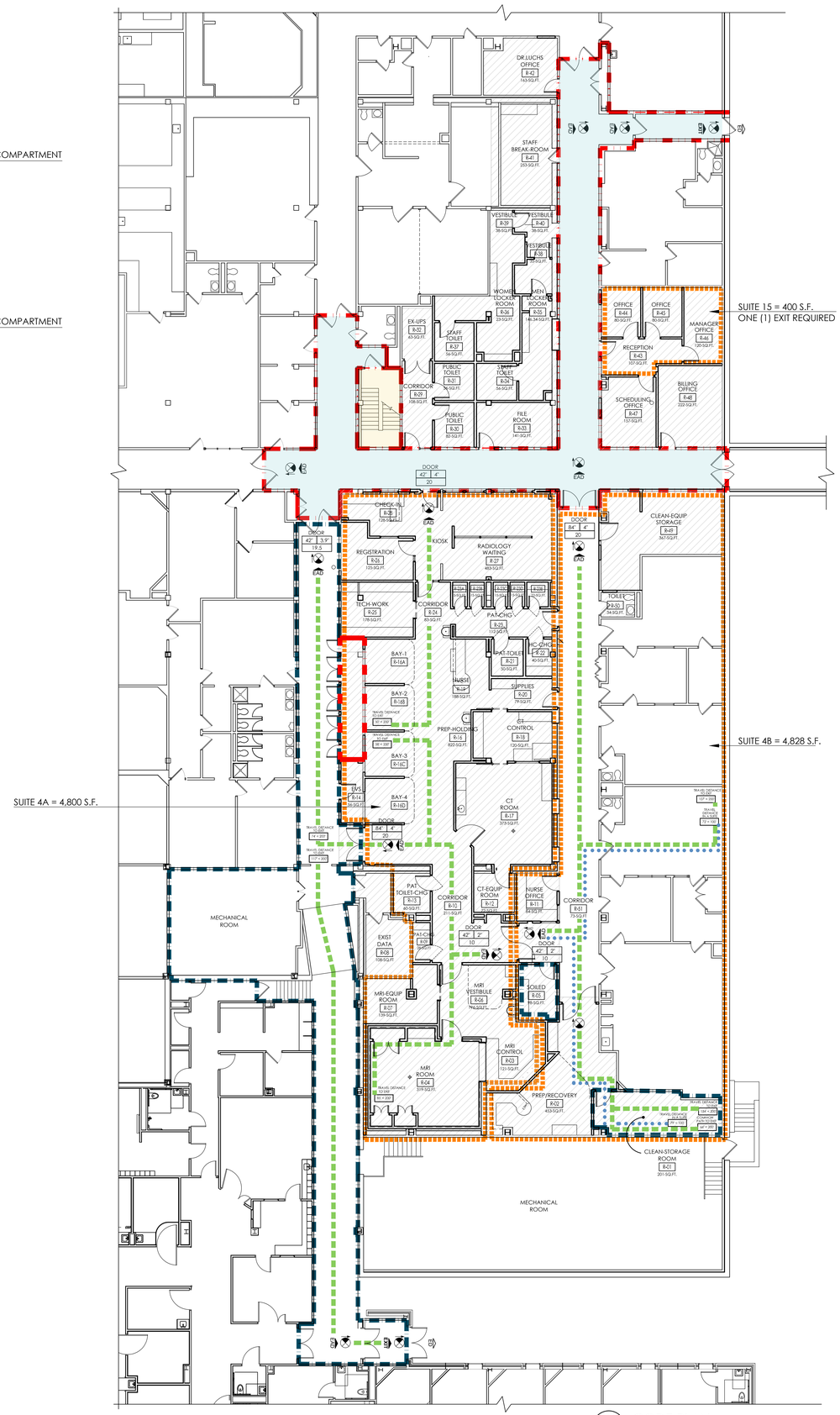
CODE SUMMARY	REFERENCED CODE	
	IBC 2020	NFPA 101 2012
OCCUPANCY		
HEALTHCARE (RADIOLOGY)	GROUP I-2	CHAPTER 18
TYPE OF CONSTRUCTION	TYPE IA	TYPE I-332
FULLY SPRINKLERED (RENOVATION)	YES	YES
FIRE RESISTENCE RATING	TABLE 601	TABLE A.8.2.1.2
COLUMNS		
SUPPORTING > ONE FLOOR	3 HOURS	3 HOURS
SUPPORTING A ROOF ONLY	2 HOURS	2 HOURS
BEAMS AND GIRDERS		
SUPPORTING > ONE FLOOR	3 HOURS	3 HOURS
SUPPORTING A ROOF ONLY	2 HOURS	2 HOURS
FLOOR CONSTRUCTION	2 HOURS	2 HOURS
ROOF CONSTRUCTION	1.5 HOURS	1.5 HOURS
ROOF CONSTRUCTION	1.5 HOURS	1.5 HOURS
EXTERIOR NON-BEARING WALLS	0 HOURS* *TABLE 602 >30'	0 HOURS
ALLOWABLE HEIGHT	TABLE 504.3 / 504.4	TABLE 18.1.6.1
TOTAL MAX. HEIGHT ALLOWABLE EXISTING BLDG. HEIGHT	UNLIMITED/UNLIMITED	> 4 STORIES +/-70' (5 STORIES)
ALLOWABLE AREA	TABLE 506.2	
MAX AREA PER STORY	UNLIMITED	
SMOKE COMPARTMENT	407.5	11,940 SF
MAX AREA PER COMPARTMENT	22,500 SF	22,500 SF
GROUND FLOOR RADIOLOGY		
NON-SLEEPING SUITE	407.4.4.6	18.2.5.7.2.1
MAX SIZE ALLOWED	12,500 SF	10,000 SF
PROPOSED SUITE 4A		4,800 SF
PROPOSED SUITE 4B		4,828 SF
PROPOSED SUITE 15		400 SF
OCCUPANCY LOADS (AT SMOKE COMPARTMENT)	TABLE 1004.1.2 OCCUPANTS	TABLE 7.3.1.2 OCCUPANTS
INPATIENT TREATMENT DEPTS		40
= 240 SF / PERSON		
TRAVEL DISTANCE TO EXIT	TABLE 1017.2	TABLE A.7.6
NEW HEALTHCARE (I2) SPRINKLERED	200'	200'
PROPOSED		154'
COMMON PATH OF TRAVEL	TABLE 1006.2.1	TABLE A.7.6
NEW HEALTHCARE (I2) SPRINKLERED	75'	100'
PROPOSED		66'
DEAD END	TABLE 1017.3	TABLE A.7.6
NEW HEALTHCARE (I2) SPRINKLERED	20'	30'
PROPOSED		11'
CARE SUITE- ACCESS TO CORRIDOR	407.4.4.3	18.2.5.7.3.4 (A)
TRAVEL DISTANCE WITHIN A SUITE	125'	100'
PROPOSED MAX DISTANCE		79'
CORRIDORS		
FIRE RESISTANCE RATING *(LIMIT PASSAGE OF SMOKE)	TABLE 1020.1 - 0*	
MINIMUM WIDTH-IBC - TABLE 1020.2 NFPA 101 -	96" INPATIENT AREAS 44" OUTPATIENT AREAS	96" INPATIENT AREAS 44" OUTPATIENT AREAS

SYMBOL LEGEND

AE	ACCESSIBLE BUILDING ENTRANCE
EXIT	EXIT
EAD	EXIT ACCESS DOOR
ED	EXIT DISCHARGE
HE	HORIZONTAL EXIT
	EXIT SIGN
STAIR A: 60" 44" 100	PROVIDED WIDTH / REQUIRED WIDTH / ANTICIPATED LOAD
DOOR: 36" 20" 100	CLEAR WIDTH / REQUIRED WIDTH / ANTICIPATED LOAD
175'<200'	TRAVEL DISTANCE TO EXIT
75'<100'	COMMON PATH OF TRAVEL
DEAD END 15'	HORIZONTAL EXIT
ROOM NAME 101 150 SF	ROOM USE AND AREA
	1 HOUR RATED FIRE BARRIER
	2 HOUR RATED FIRE BARRIER
	1 HOUR RATED SMOKE BARRIER
	SMOKE COMPARTMENT
	SUITE BOUNDARY (NON-RATED SMOKE PARTITION)
	EXISTING EXIT DISCHARGE PASSAGEWAY
	STAIRWELL
NFEC	NEW FIRE EXTINGUISHER CABINET, WALL MOUNTED FIRE EXTINGUISHER
	AREA OF ALTERATION - LEVEL 2
90	DOOR RATING
SC	SELF CLOSING DOOR
	EXIT TO GRADE



2 A000 SMOKE COMPARTMENTS
NOT TO SCALE



1 A000 CODE PLAN
NOT TO SCALE

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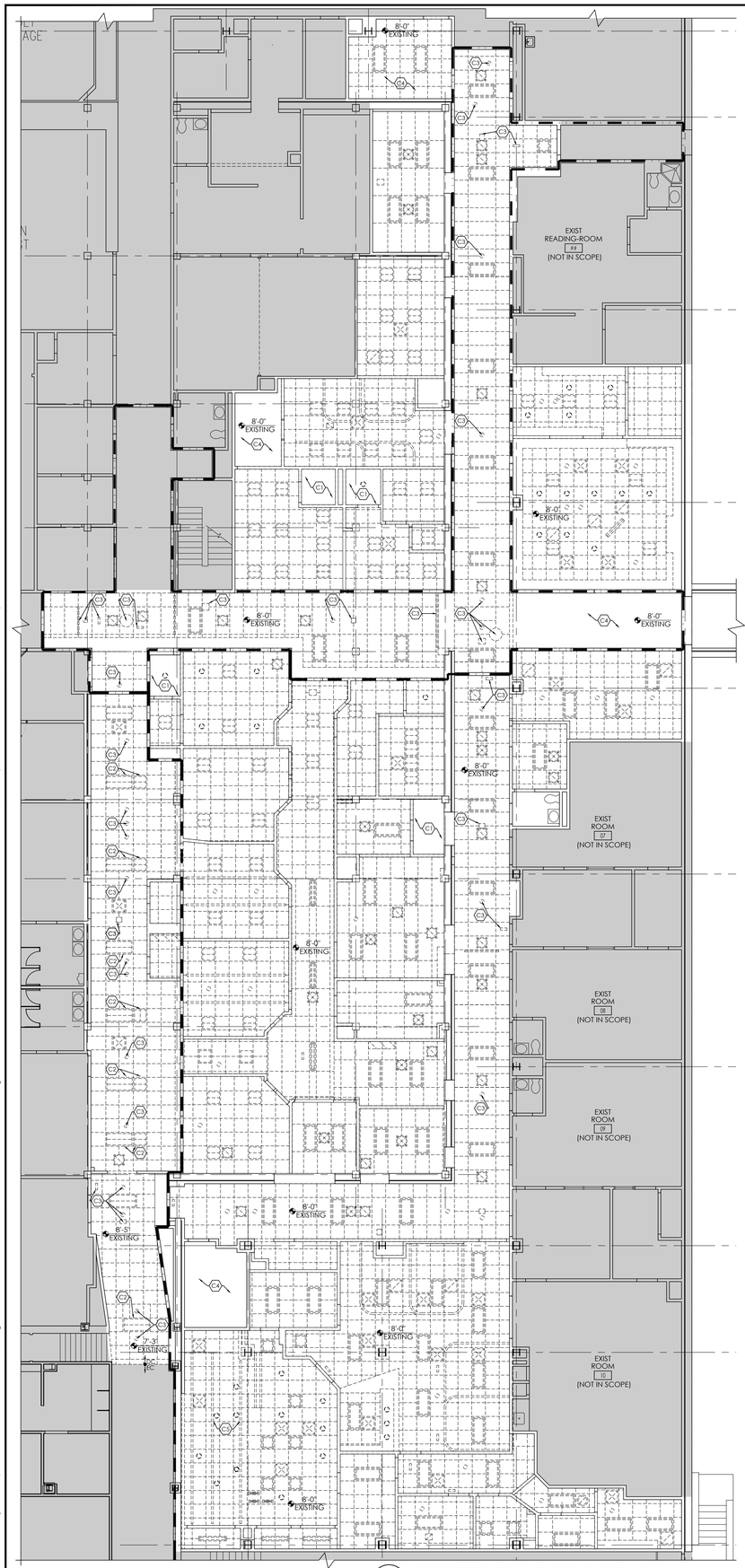
SHEET TITLE
LIFE SAFETY PLAN

PROJECT NUMBER
15068.00

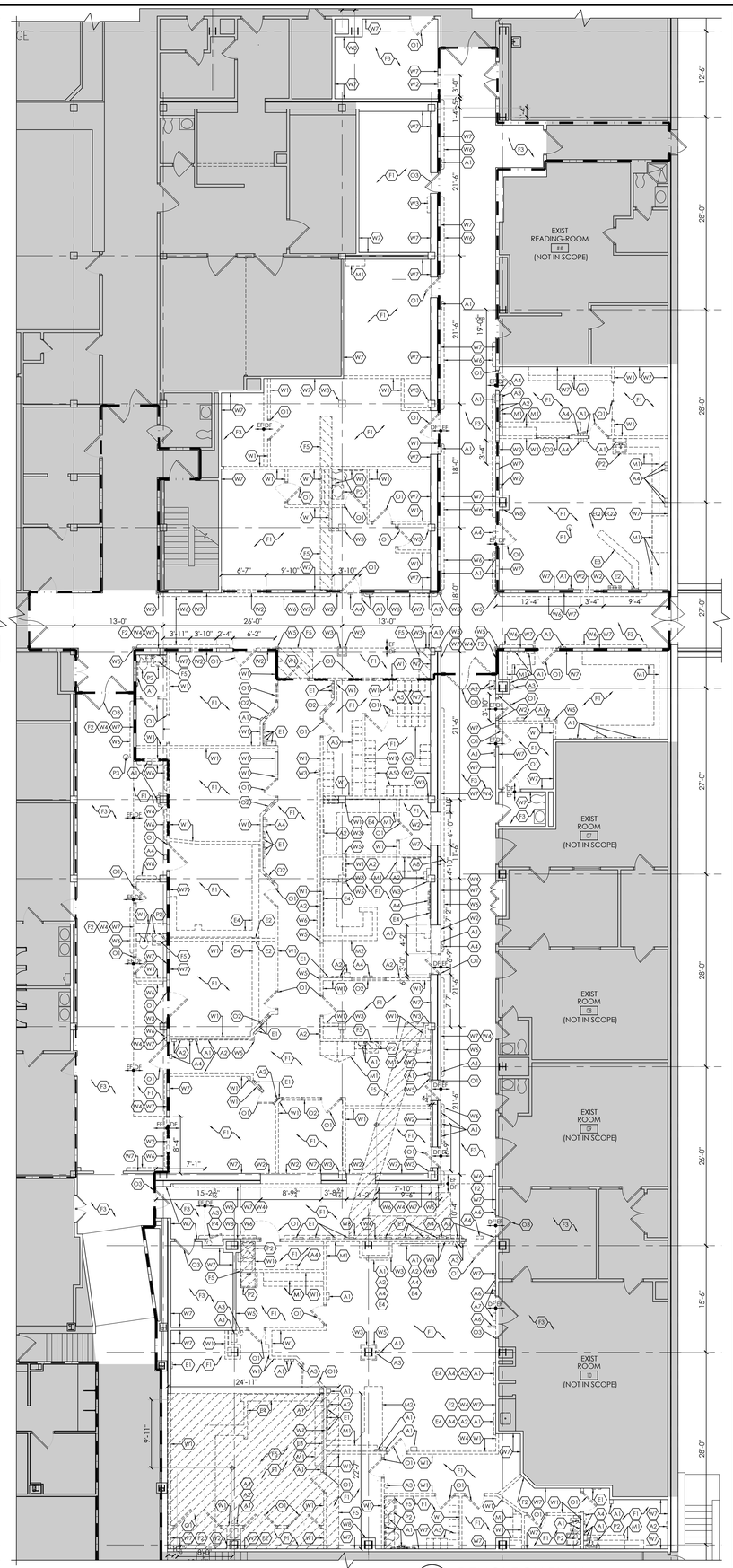
A101
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2 A102 REFLECTED CEILING DEMOLITION PLAN
SCALE: 1/8" = 1'-0"



1 A102 DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

DEMOLITIONS KEYNOTES

WALLS

- W1 GC TO REMOVE AND DISPOSE EXISTING WALL AND ALL ASSOCIATED ITEMS , PATCH ADJACENT WALLS AS NECESSARY.
- W2 GC TO REMOVE AND DISPOSE PORTION OF EXISTING WALL TO ACCOMMODATE NEW OPENING, PATCH EXISTING WALLS AS NECESSARY.
- W3 GC TO REMOVE AND DISPOSE OF GYPSUM BOARD COLUMN ENCLOSURES AND ALL ASSOCIATED ITEMS, EXISTING COLUMN TO REMAIN.
- W4 GC TO REMOVE AND DISPOSE HORIZONTAL SPANNING WALL FINISH.
- W5 GC TO REMOVE AND DISPOSE CORNER GUARD, PATCH EXISTING WALLS AS NECESSARY.
- W6 GC TO REMOVE AND RETURN TO GSH EXISTING HAND RAIL AND ALL ASSOCIATED ITEMS, PATCH AND PREPARE WALLS TO RECEIVE NEW HAND RAIL AS NECESSARY.
- W7 EXISTING WALL TO REMAIN; CONFIRM MEETS INDICATED FIRE PARTITION. REFER TO A800 FOR WALL TYPES.
- W8 EXISTING COLUMN ENCLOSURE TO REMAIN.
- W9 G.C TO REMOVE PART OF EXISTING WALL AND PREPARE TO RECEIVE NEW WALL FINISH.

OPENING

- O1 GC TO REMOVE AND DISPOSE EXISTING DOOR, FRAME, HARDWARE, AND IT ASSOCIATED ITEMS, PATCH/REPAIR WALL AS NECESSARY.
- O2 GC TO REMOVE AND DISPOSE EXISTING WINDOW, FRAME, HARDWARE, AND IT ASSOCIATED ITEMS, PATCH/REPAIR WALL AS NECESSARY.
- O3 EXISTING DOOR TO REMAIN, PROTECT THROUGHOUT CONSTRUCTION.

FLOOR

- F1 GC TO REMOVE AND DISPOSE ALL EXISTING FLOORING, WALL BASE AND ALL ASSOCIATED ADHESIVES, PREPARE FLOOR TO RECEIVE NEW SCHEDULED FINISH.
- F2 GC TO REMOVE AND DISPOSE EXISTING WALL BASE AND ALL ASSOCIATED ADHESIVES. PREPARE WALL AND FLOOR TO RECEIVE NEW SCHEDULED BASE.
- F3 EXISTING FLOORING, WALL BASE, AND ASSOCIATED ITEMS TO REMAIN; PROTECT THROUGHOUT CONSTRUCTION. SAW CUT, MODIFY AND PATCH TO MATCH AS NEEDED TO ACCOMMODATE NEW WORK.
- F4 EXISTING WALL BASE TO REMAIN.
- F5 SAW CUT PORTION OF FLOOR SLAB. REFER TO STRUC. AND ELEC. DWGS.

MILLWORK

- M1 GC TO REMOVE AND DISPOSE OF EXISTING MILLWORK IN ITS ENTIRETY. PATCH/REPAIR WALL AS NECESSARY.
- M2 GC TO REMOVE EXISTING SIDE DESK AND ALL ASSOCIATED ITEMS.
- M3 GC TO REMOVE WALL MOUNTED SHELVES.

ACCESSORIES AND DEVICES

- A1 GC TO REMOVE AND RETURN TO GSH THE EXISTING WASHROOM AND TOILET ACCESSORIES. (GLOVE BOXES, HAND SANITIZERS, PAPER TOWELS, TOILET PAPER AND SOAP DISPENSERS, GRAB BARS, SIGNS, ETC).
- A2 GHS TO REMOVE ALL THE MOVABLE ACCESSORIES AND DEVICES. (WHITEBOARDS, LETTER WALL POCKETS, CLOCKS, MAIL BOXES, ETC).
- A3 GSH TO REMOVE ALL THE SECURITY EQUIPMENTS AND ACCESSORIES. (SECURITY CAMERAS, ALARMS, FIRE EXTINGUISHERS, ETC). COORDINATE WITH ELEC. DEMOLITIONS DWGS.
- A4 EC TO REMOVE AND RETURN TO GSH THE EXISTING WALL MOUNTED DEVICES. REFER TO ELEC. DEMOLITIONS DWGS.
- A5 GC TO REMOVE AND RETURN TO GSH THE EXISTING LOCKERS.
- A6 EXISTING WALL MOUNTED ACCESSORIES TO REMAIN COORDINATE WITH GSH ANY TEMPORARY RELOCATION. (GLOVE BOXES, HAND SANITIZERS, PAPER TOWELS, TOILET PAPER AND SOAP DISPENSERS, GRAB BARS, SINGS, ETC).
- A7 EXISTING WALL MOUNTED DEVICES TO REMAIN COORDINATE WITH GSH ANY TEMPORARY RELOCATION. REFER TO ELEC. DEMOLATIONS DWGS.
- A8 EXISTING FIRE EXTINGUISHERS CABINET TO REMAIN.

PLUMBING

- P1 PC TO REMOVE FLOOR DRAIN AND REPLACE IT AS NECESSARY. REFER TO PLBG. DRAWINGS.
- P2 PC REMOVE AND RETURN TO GSH PLUMBING FIXTURES.
- P3 EXISTING DRAIN TO REMAIN.
- P4 PC TO REMOVE FIRE CABINET AND APP. REFER TO "H" SERIES DWGS.

EQUIPMENT

- EQ1 GC TO REMOVE AND DISPOSE EXISTING MAGNET SUPPORT.
- EQ2 ALL EXIST. CT AND MRI EQUIP. SHALL BE REMOVED BY PHILIPS.

ELECTRICAL

- E1 EC TO REMOVE AND RETURN TO GSH THE EXISTING ELEC. PANELS. COORDINATE TO ELEC. DEMOLATIONS DWGS.
- E2 EC TO REMOVE WALL WIRE DUCT AND COVER. COORDINATE TO ELEC. DEMOLATIONS DWGS.
- E3 EC TO REMOVE FLOOR WIRE DUCT COVER. COORDINATE TO ELEC. DEMOLATIONS DWGS.
- E4 EC TO REMOVE AND RETURN TO GSH THE EXISTING WALL LIGHTS. COORDINATE TO ELEC. DEMOLATIONS DWGS.

DEMOLITIONS LEGEND

- # REMOVAL KEY
- EF EXISTING FLOOR FINISH TO REMAIN
- DF EXISTING FLOOR FINISH TO REMOVAL (DEMO)
- EC EXISTING CEILING TO REMAIN
- DC EXISTING CEILING TO REMOVAL (DEMO)
- 2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- EXISTING WALL AND PARTITIONS TO BE REMOVED IN THEIR ENTIRETY.
- EXISTING DOOR TO REMOVAL
- EXISTING DOOR TO REMAIN
- EXISTING PLUMBING FIXTURES REMOVAL
- EXISTING CLINIC WALL MOUNTED SINK REMOVAL
- EXISTING LOCKER REMOVAL
- 24" x 24" ACT AND GRID REMOVAL.
- 24" x 48" ACT AND GRID REMOVAL.
- 24" x 48" CEILING LIGHT REMOVAL TO DISPOSE.
- 24" x 24" CEILING LIGHT REMOVAL TO DISPOSE.
- 12" x 48" CEILING LIGHT REMOVAL TO DISPOSE.
- 24" x 48" CEILING LIGHT REMOVAL TO REINSTALL.
- 24" x 24" CEILING LIGHT REMOVAL TO REINSTALL.
- RECESSED CEILING LIGHT REMOVAL .
- 24 x 24 SUPPLY GRILLE REMOVAL.
- 24 x 24 EXHAUST GRILLE REMOVAL.
- SUPPLY GRILLE REMOVAL.
- EXHAUST GRILLE REMOVAL.
- ELECTRICAL DEVICES REMOVAL. (EMERGENCY LIGHTS, CAMS, SMOKE DETECTORS, PROJECTORS, ETC).
- GAS SUPPLY PIPE REMOVAL .
- CONCRETE SLAB REMOVAL. COORDINATE WITH MEP AND STRUCT. CONTRACTORS.

GENERAL DEMOLITIONS NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. REFER TO THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR DEMOLITION OF EXISTING UTILITIES AND SERVICES. COORDINATE SHUT DOWNS WITH OWNER.
3. ALL ITEMS TO BE SALVAGED WITHIN THE DEMOLITION AREA WILL BE REMOVED BY THE CONTRACTOR PRIOR TO ONSET OF DEMOLITION WORK.
4. BUILDING TO BE OCCUPIED DURING CONSTRUCTION. MAINTAIN NEGATIVE AIR PRESSURE THROUGHOUT THE CONSTRUCTION AREA TO CONTAIN CONSTRUCTION DUST. PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF THE DEMOLITION AND CONSTRUCTION. CONTRACTOR TO BUILD TEMPORARY PARTITIONS WITH A UL #465 (1 AND MAINTAIN EMERGENCY EGRESS FROM OCCUPIED AREAS AT ALL TIMES. DUST CONTROL AND EGRESS PARTITIONS ARE TO BE CONSTRUCTED AND/ OR RELOCATED PER EACH PHASE OF CONSTRUCTION AS THE PROJECT PROGRESSES AND AS COORDINATED WITH OWNER OCCUPANCY.
5. REMAINING SUBSTRATES SHALL BE LEFT IN A CONDITION ACCEPTABLE TO RECEIVE NEW WORK.
6. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.
7. POWER, FIRE PROTECTION, COMMUNICATION, AND MEDICAL GAS SHUT DOWNS SHALL NOT EFFECT PORTIONS OF BUILDING(S) THAT WILL REMAIN IN USE. CONTRACTOR TO REROUTE OR PROVIDE TEMPORARY POWER, FIRE PROTECTION, COMMUNICATION, AND MEDICAL GAS.
8. THE CONTRACTOR IS RESPONSIBLE TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS INDICATED ON THE CONSTRUCTION DRAWINGS. THE EXISTING CEILING SHALL BE REMOVED AND REPLACED IN A MANNER TO AVOID DAMAGE TO THE WALL SYSTEM.
9. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR FIRE STOPPING ALL EXISTING DUCTWORK, PIPE, AND CONDUIT PENETRATIONS THROUGH EXISTING FLOORS AND WALLS EXPOSED AFTER DEMOLITION.
10. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOM CLEANED AT THE END OF EACH DAY.
11. IN ALL LOCATIONS THAT A DOOR IS ILLUSTRATED TO BE DEMOLISHED, REMOVE AND DISPOSE OF DOOR, FRAME, HARDWARE, AND ALL ASSOCIATED ITEMS, UNLESS NOTED OTHERWISE.
12. ALL ITEMS SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED.
13. SINKS INDICATED WITHIN MILLWORK BEING REMOVED SHALL ALSO BE REMOVED AND DISPOSED OF, ALONG WITH ALL ASSOCIATED ITEMS. COORDINATE WITH PLUMBING DRAWINGS.
14. TYPICAL BUILDING COMPONENTS WHICH ARE NOT TO BE DEMOLISHED, UNLESS NOTED OTHERWISE.
    - A. FIREPROOFING ON COLUMNS AND BEAMS WHICH IS NOT PART OF A WALL OR CLNG SYSTEMS. THIS INCLUDES PLASTER, MASONRY, AND CONC. COVERS WHICH MAY BE ENCAPSULATED BY THE WALL OR CLNG ASSEMBLIES.
    - B. MECHANICAL, ELECTRICAL, AND PLUMBING LINES FEEDING AREAS TO REMAIN IN OPERATION.
    - C. ANY STRUCTURES UNCOVERED AS RESULT OF DEMOLITION WHICH APPEAR TO BE SUPPORTING IN NATURE AND REQUIRING VERIFICATION PRIOR TO DEMOLITION, THIS INCLUDES EQUIPMENT SUPPORTS AND STRUCTURE ADDED AS A RESULT OF PREVIOUS CONSTRUCTION OR ADDITIONS.
15. THE OWNER WILL REMOVE ALL MOVEABLE OR UNATTACHED ITEMS TO BE SAVED OR STORED PRIOR TO CONTRACTOR'S SALVAGE OPERATIONS. ITEMS TO BE SALVAGED INCLUDE BUT ARE NOT LIMITED TO THOSE ITEMS SHOWN ON THE DWGS. SHALL INCLUDE MEDICAL CARTS, SECURITY CAMERAS, ANTENNAS, ETC.
16. THE OWNER HAS THE RIGHT TO SALVAGE ANY FIXTURES AND/OR MILLWORK WITHIN AN AREA OF DEMOLITION PRIOR TO CONTRACTOR STARTING WORK IN THAT ZONE. CONTRACTOR TO COORDINATE TIMING OF SUCH REMOVALS W/ OWNER.
17. RECONSTRUCT EXISTING FIREPROOFING DUE TO WALL, CEILING, OR EQUIPMENT DEMOLITION.
18. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ ARCHITECT'S SATISFACTION.
19. IF THREE OUT OF FOUR PARTITIONS WITHIN A ROOM ARE BEING REMOVED, CLINGS AND FLOOR FINISHES SHALL ALSO BE REMOVED, UNLESS NOTED OTRW.
20. IN THE CASE THAT ANY SUSPICIOUS MATERIALS THAT ARE UNCOVERED THAT APPEAR TO CONTAIN MOLD, LEAVE THE PREMISES AND NOTIFY THE OWNER FOR REQUIRED TESTING AND/OR REMOVALS.
21. IMMEDIATELY AFTER DEMOLITION ALL CONTRACTORS ARE TO SURVEY THE WORK AREA FOR ANY HORIZONTAL AND VERTICAL PROTRUSIONS NOT INDICATED ON THE DEMOLITION PLANS INCLUDING BUT NOT LIMITED TO STRUCTURAL, MECHANICAL, PLUMBING AND ELECTRICAL FIXTURE AND / OR EQUIPMENTS. THAT MAY INTERFERENCE WITH THE ARCHITECTURAL LAYOUT OF THE NEW PARTITIONS. ALL INCIDENCES OF INTERFERENCES ARE TO BE LOCATED ON THE DRAWINGS, PHOTOGRAPHED AND REPORTED THE ARCHITECT.

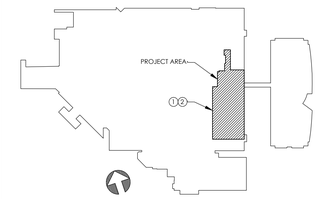
GENERAL CEILING DEMOLITIONS NOTES

1. ALL EXISTING CEILING AND SOFFIT SHOWN WITH A DASHED LINE AND WITH A CEILING DEMOLITIONS KEYNOTE ARE TO BE REMOVED AND DISPOSED WITH ALL ASSOCIATED ITEMS BY THE GC.
2. ALL EXISTING TRACKS SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED WITH ALL ASSOCIATED ITEMS BY GC.
3. ALL EXISTING CEILING LIGHTS SHOWN WITH A DASHED LINE ARE TO BE REMOVED WITH ALL ASSOCIATED ITEMS. REFER TO THE DEMOLITIONS LEGEND TO SEE WITCH LIGHTS ARE GOING TO BE REINSTALLED AND WITCH ARE GOING TO BE DISPOSED BY THE EC. SALVAGE AND STORAGE THE LIGHTS FOR REINSTALLATION. REFER TO "E" SERIES DWGS.
4. ALL THE CEILING ACCESSORIES AND DEVICES SHOWN WITH A DASHED LINE ARE GOING TO BE REMOVED WITH ALL ASSOCIATED ITEMS AND RETURNED TO GSH OR REINSTALLED. REFER TO THE CEILING DEMOLITIONS KEYNOTES TO SEE WITCH ACCESSORIES AND DEVICES ARE GOING TO BE REINSTALLED BY EC. SALVAGE AND STORAGE ACCESSORIES AND DEVICES FOR REINSTALLATION. REFER TO "E" SERIES DWGS.
5. ALL EXISTING CEILING SUPPLY, RETURN AND VENT. GRILLES SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED WITH ALL ASSOCIATED ITEMS BY THE MC. REFER TO "H" SERIES DWGS.
6. ALL EXISTING CEILING GAS AND OXYGEN SUPPLY PIPING SHOWN WITH A DASHED LINE ARE TO BE REMOVED AND DISPOSED WITH ALL ASSOCIATED ITEMS BY THE MC. REFER TO "P" SERIES DWGS.
7. ALL THE EXISTING CEILING SYSTEM AND ASSOCIATED ITEMS TO REMAIN TO BE SUPPORTED AND PROTECTED IN THE SAW CUT AREA THOUGH THE CONSTRUCTION WORKS AS NEEDED BY THE GC.

CEILING DEMOLITIONS KEYNOTES

- C1 GC TO REMOVE AND DISPOSE EXISTING CEILING SYSTEM AND ASSOCIATED ITEMS.
- C2 EC TO REMOVE AND REINSTALL IN THE SAME LOCATION EXISTING CEILING LIGHTS AND ASSOCIATED ITEMS. SALVAGE AND STORAGE FOR REINSTALLATION. COORDINATE WITH ELEC. DWGS.
- C3 EC TO REMOVE EXISTING CEILING ACCESSORIES AND DEVICES AND ASSOCIATED ITEM TO REINSTALL IN THE SAME PLACE . SALVAGE AND STORAGE THE ACCESSORIES AND DEVICES FOR REINSTALLATION. COORDINATE WITH ELEC. DEMOLITIONS AND CONSTRUCTIONS DWGS.
- C4 EXISTING CEILING SYSTEM AND ASSOCIATED ITEMS TO REMAIN; MODIFY AND SUPPORT AS NEEDED.
- C5 GC. REMOVE AND DISPOSE UNISTRUT FRAMING.

KEY PLAN



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LATHAM, NY 12110
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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	LJ	CG

SCALE AS SHOWN

SHEET TITLE
DEMOLITIONS AND REFLECTED CEILING DEMOLITIONS PLANS

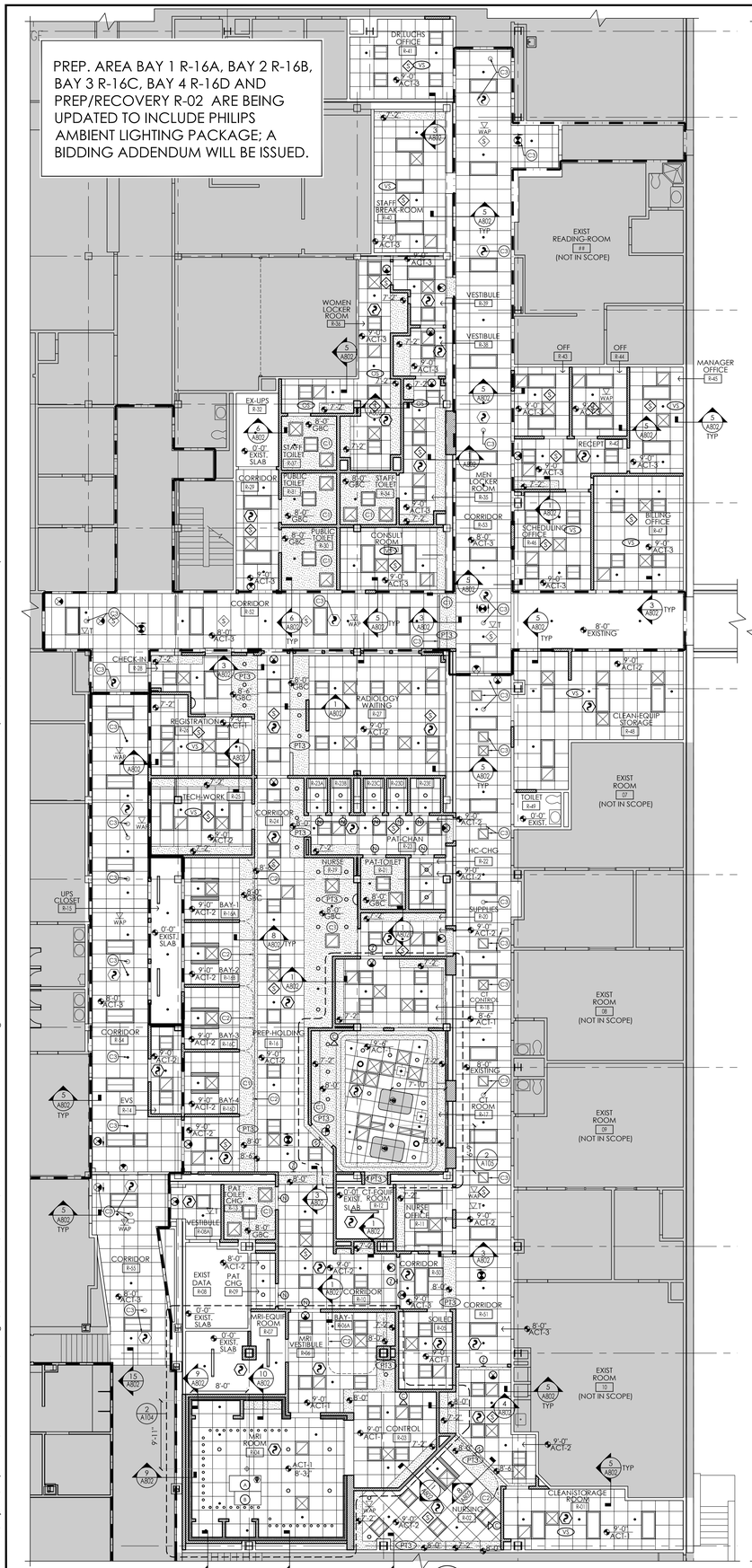
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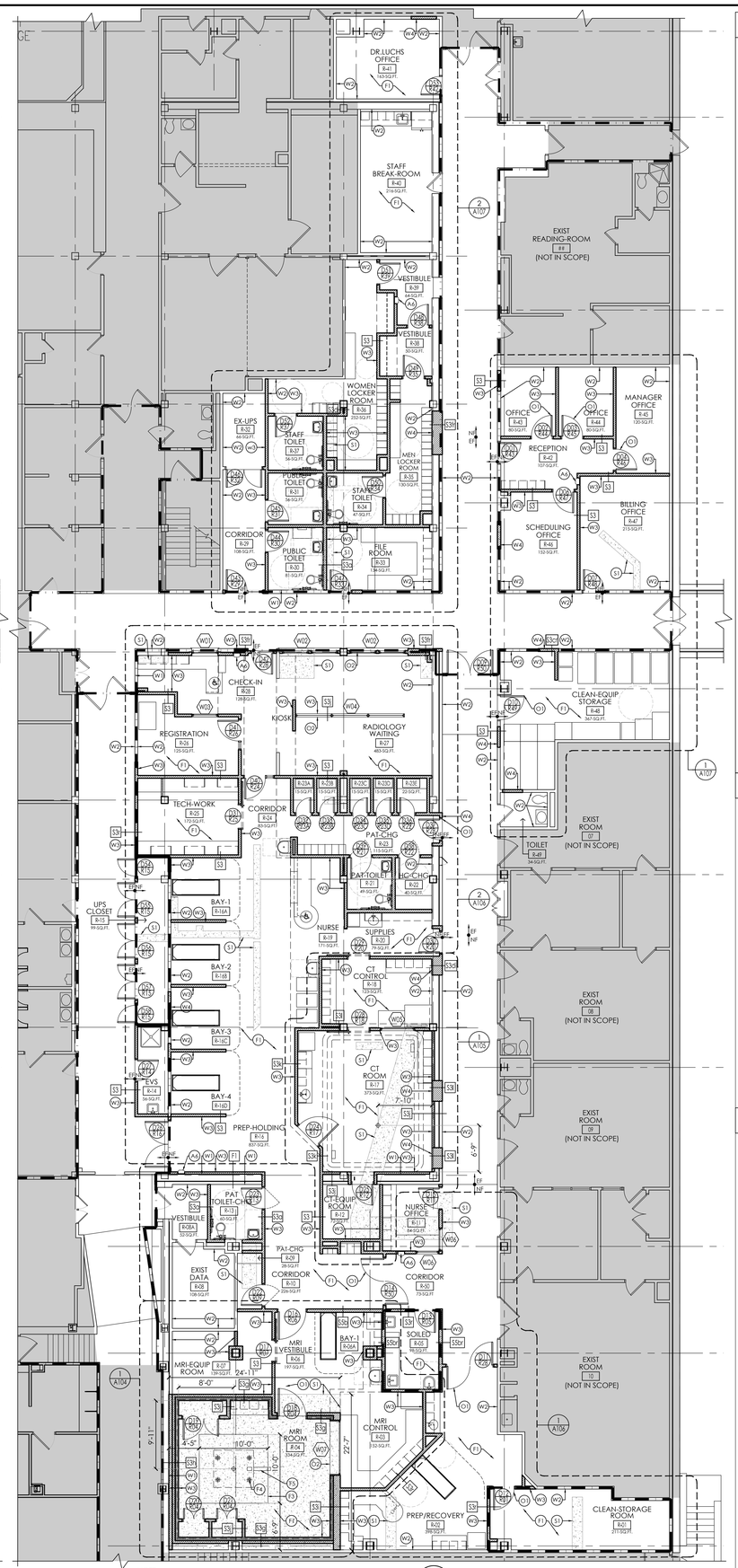
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Philips Healthy\GSH New CT Room\D Design\06 CAD\AutoCAD\ARCH\A1\A102- REMOVALS PLANS.dwg Date last accessed: 3/7/2021 10:56 AM Date last plotted: 3/8/2021 5:59 PM Plotted By: Charlene Gabriel

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



2 A103 REFLECTED CEILING PLAN
SCALE: 1/8" = 1'-0"



NOTE:
EXISTING WALL SHOWN AS FIRE RATED WALL TO TO MATCH NEW RATED WALLS. REFER TO A800 FOR WALL TYPES.

1 A103 CONSTRUCTIONS PLAN
SCALE: 1/8" = 1'-0"

CONSTRUCTIONS KEYNOTES

WALLS

- W1 EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES AND PREPARE TO RECEIVE NEW FINISHES.
- W2 EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES, PRIME AND PAINT.
- W3 G.C. TO PROVIDE NEW WALL. REFER TO SHEET A800 FOR WALL TYPES.
- W4 G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET 1100. NEW FINISHES TO ALIGN TO EXISTING.
- W5 G.C. TO PREPARE NEW WALLS TO RECEIVE NEW WALL FINISH. REFER TO SHEETS A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.

FINISH

- F1 G.C. TO INSTALL NEW SCHEDULED FLOOR AND BASE FINISH. REFER TO SHEET 1100 FOR FINISH SCHEDULE .
- F2 G.C. TO PROVIDE NEW SCHEDULED FLOOR AND WALL FINISH. REFER TO SHEET 1100 FOR OR FINISH SCHEDULES.
- F3 GC. TO PROVIDE LIMITED FLOOR REINFORCEMENT/FERROUS MATERIAL AREA. REFER TO "S" SERIES. DWGS.
- F4 GC. TO PROVIDE MAGNET SUPPORTS.
- F5 EC. TO PROVIDE CABLE DUCT AND DUCT COVER. REFER TO "E" SERIES DWGS.

OPENING

- O1 G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO SHEET A900 FOR DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION.
- O2 G.C. TO PROVIDE AND INSTALL NEW WINDOW. REFER TO SHEET A901 FOR WINDOW DETAILS.

ACCESSORIES

- A1 G.C. TO PROVIDE TOILET ACCESSORIES. REFER TO SHEET A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.
- A2 GC. TO PROVIDE CHANGING BENCH. REFER TO SHEET A803.
- A3 GC. TO PROVIDE LOCKER. REFER TO SHEET A804.
- A4 GC. TO PROVIDE WALL MIRROR. REFER TO SHEET A303.
- A5 GC. TO PROVIDE NEW HANDRAIL AND WALL BASE. REFER TO SHEET 1100.
- A6 GC. TO PROVIDE NEW FIRE EXTINGUISHER CABINET. REFER TO SHEET A801.
- A7 GC. TO PROVIDE NEW CORNER GUARD. REFER TO SHEET A801.
- A8 GC. TO PROVIDE NEW CELL PHONE LOCKERS. REFER TO SHEET A804.

MILLWORK (REFER TO A100S FOR PLANS AND TO A400S FOR INTERIOR ELEVS)

- M1 GC. TO PROVIDE BUILT - IN DESK.
- M2 GC. TO PROVIDE BUILT - IN FLOOR CABINETS.
- M3 GC. TO PROVIDE BUILT - IN WALL CABINETS.
- M4 GC. TO PROVIDE BUILT - IN FRONT DESK.
- M5 GC. TO SOLID SURFACE TOP AND BUILT-IN SOLID SURFACE SINK WHERE IS REQUIRED.

STRUCTURAL

- S1 GC. TO PROVIDE NEW SLAB AND SLAB INFILL. REFER TO "S" AND "P" SERIES DWGS.

PLUMBING

- P1 PC. TO NEW FLOOR DRAIN. REFER TO "P" SERIES DWGS.
- P2 PC. TO PROVIDE AND INSTALL NEW PLBG. FIXTS. REFER TO "P" SERIES DWGS.
- P3 PC. TO PROVIDE PLUMBING INSTALLATION FOR BUILT -IN SOLID SURFACE SINK ON SOLID SURFACE TOP.

CONSTRUCTIONS LEGEND

- CONSTRUCTION KEY
- EXISTING FLOOR FINISH TO REMAIN
- NEW FLOOR FINISH
- 2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- PROPOSED NEW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW RF WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW LOW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- NEW 4" CONC. SLAB INFILL ON 4" GRAVEL AND V.B. ALIGN TO ADJ. FINISHES.
- NEW ADA LOCKER LOCATED ON THE BOTTOM OF THE DOUBLE TIER LOCKER. REFER TO SHEETS A-401 & A403 FOR ELEVATIONS
- NEW LOCKER. REFER TO SHEETS A-401 & A403 FOR ELEVATIONS
- NEW MAGNET SUPPORT
- MRI AND CT EQUIP. ISOCENTER
- NEW DOOR TAG
- NEW WINDOW TAG
- PARTITION TYPE TAG
- 5'-0" TURNING RADIUS
- ACCESSORY KEY SEE SCHEDULE ON SHEET A-400
- 2" WALL CORNER GUARD

REFLECTED CEILING LEGEND

- NEW 2'X2' LIGHT
- NEW 2'x4' LIGHT
- NEW 1'x4' LIGHT
- EXISTING 2'X2' LIGHT TO REINSTALL
- EXISTING 2'x4' LIGHT TO REINSTALL
- RECESSED LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- CEILING MONITOR
- CEILING PLATE
- SPRINKLER HEAD
- CEILING SPEAKER
- SPEAKER
- EXIT LIGHTING FIXTURE UNIVERSAL MOUNT
- VIDEO CAMERA
- SMOKE DETECTOR
- CEILING MOUNTED DUPLEX RECEPTACLE
- WAP WIRELESS ACCESS POINT
- TELEMETRY
- NURSE CALL LIGHTS
- OS OCCUPANCY SENSOR - CEILING MOUNTED
- VS VACANCY SENSOR - CEILING MOUNTED
- SUPPLY AIR DIFFUSERS
- RETURN AIR DIFFUSERS
- EXHAUST DIFFUSERS
- A 28" x 46" OPEN AREA ABOVE MRI. REFER TO PHILIPS INSTALLATION PACKAGE.
- B 23.75" x 46" REMOVABLE CEILING TILE AND GRID. REFER TO PHILIPS INSTALLATION PACKAGE.
- ACOUSTICAL TILE CEILING
- GYPSUM WALL BOARD CEILING
- CEILING HEIGHT ABOVE FINISHED FLOOR AND CEILING TYPE
- CUBICLE CURTAIN TRACK. SEE DETAIL 6/A802.
- SOFFIT/ CEILING PAINT COLOR TAG- PAINT ALL SIDES OF SOFFIT IN COLOR NOTED

GENERAL CONSTRUCTIONS NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATIONS OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT THE END OF EACH DAY.
3. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION.
4. POWER, FIRE PROTECTION, COMMUNICATION, AND MEDICAL GAS SHUT DOWNS SHALL NOT EFFECT PORTIONS OF BUILDING(S) THAT WILL REMAIN IN USE. CONTRACTOR TO REROUTE OR PROVIDE TEMPORARY POWER, FIRE PROTECTION, COMMUNICATION, AND MEDICAL GAS. COORDINATE SHUT DOWNS WITH OWNER.
5. GENERAL CONTRACTOR TO PATCH EXISTING FLOOR OPENINGS, INCLUDING M, E, P CONDUIT, PIPING, AND DUCTWORK WITH 2 HOUR FIRE RATED MATERIAL. PROVIDE FLOOR INFILL FOR ALL OPENINGS LARGER THAN 6", EXISTING OR CREATED BY DEMOLITION WORK. FLOOR INFILL TO MATCH EXISTING FLOOR CONSTRUCTION.
6. PATCH TO MATCH EXISTING FLOOR FINISHES FOR PLUMBING OR STRUCTURAL INSTALLATIONS, COORDINATE WITH STRUCT., MECH., ELEC., AND PLBG DWGS.
7. SUPPORT EXISTING CONSTRUCTION. CONTRACTOR TO RETAIN, AT THEIR EXPENSE, A LICENSED STRUCTURAL ENGINEER FOR TEMPORARY SHORING AND SUPPORT AT EXISTING BEARING CONDITIONS.
8. BUILDING TO BE OCCUPIED DURING CONSTRUCTION. MAINTAIN NEGATIVE AIR PRESSURE THROUGHOUT THE CONSTRUCTION AREA TO CONTAIN CONSTRUCTION DUST. PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF THE DEMOLITION AND CONSTRUCTION. CONTRACTOR TO BUILD TEMPORARY PARTITIONS WITH A UL #465 (1 HR) AND MAINTAIN EMERGENCY EGRESS FROM OCCUPIED AREAS AT ALL TIMES. DUST CONTROL AND EGRESS PARTITIONS ARE TO BE CONSTRUCTED AND/ OR RELOCATED PER EACH PHASE OF CONSTRUCTION AS THE PROJECT PROGRESSES AND AS COORDINATED WITH OWNER OCCUPANCY.
9. PROVIDE CJ WHERE NEW PARTITIONS BUTT EXISTING CONSTRUCTION.
10. PATCH AND FINISH ALL WALLS TO RECEIVE SPECIFIED FINISHES.
11. ALL EXISTING EJ COVERS OR ASSEMBLIES ARE TO BE PROTECTED AND MAINTAINED DURING THE COURSE OF CONST, UNLESS OTHERWISE NOTED.
12. THE GENERAL CONTRACTOR IS RESPONSIBLE TO FIRE STOP ALL REQUIRED PARTITIONS, SLABS, AND PENETRATIONS THROUGH NEW AND EXISTING WALLS, WHETHER WITHIN THE PROJECT LIMITS, OR WHERE COORDINATED SYSTEMS CONNECTION POINTS ARE LOCATED OUTSIDE THE PROJECT LIMIT AREA. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING DRAWINGS.
13. THE GENERAL CONTRACTOR IS RESPONSIBLE TO FIRE STOP ALL NEW PARTITIONS AND EXISTING WALLS TO THE STRUCTURAL DECK ABOVE. FIRESTOPPING HEADS OF WALLS IS TO OCCUR AT ALL NEW, MODIFIED,OR EXISTING WALL CONSTRUCTION WITHIN THE PROJECT LIMIT.
14. THE CONTRACTOR IS RESPONSIBLE TO REMOVE AND REPLACE EXISTING CEILING, UNLESS NOTED OTHERWISE ON THE DRAWINGS, FOR PERFORMING NEW WORK INDICATED ON THE CONSTRUCTION DRAWINGS. THE EXISTING CEILING SHALL BE REMOVED AND REPLACED IN A MANNER TO AVOID DAMAGE TO THE WALL SYSTEM.
15. MOD. CASEWORK IS FURNISHED BY OTHERS AND INSTALLED BY GC.(OFCI).
16. ALL GENERAL CONSTRUCTION NOTES ABOVE APPLY TO DIMENSION PLANS.

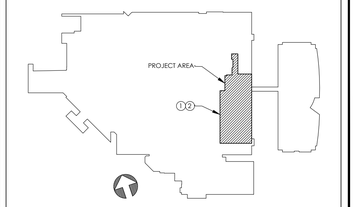
GENERAL REFLECTED CEILING NOTES

1. ALL WORK IN MRI AND CT SUITES TO BE COORDINATED WITH THE PHILIPS INSTALLATION PACKAGE.
2. ALL NEW CEILING SOFFIT, GRID SYSTEM AND ACT TILES ARE GOING TO BE INSTALLED WITH ALL ASSOCIATED ITEMS BY THE GC. REFER TO REFLECTED CEILING LEGEND AND TO SHEET 1100 FOR FINISH SCHEDULE.
3. ALL CEILING LIGHTS SHOWN IN THE REFLECTED CEILING LEGEND AS NEW LIGHT ARE GOING TO BE INSTALLED BY THE EC. REFER TO REFLECTED CEILING PLAN FOR LIGHTS LOCATIONS AND TO "E" SERIES DWGS.
4. ALL CEILING LIGHTS SHOWN IN THE REFLECTED CEILING LEGEND AS EXISTING LIGHT TO REINSTALL ARE GOING TO BE REINSTALLED BY THE EC. REFER TO THE REFLECTED CEILING PLAN FOR LIGHTS LOCATIONS AND TO "E" SERIES DWGS.
5. ALL THE CEILING ACCESSORIES AND DEVICES ARE GOING TO BE INSTALLED WITH ALL ASSOCIATED ITEMS BY THE EC. REFER TO REFLECTED CEILING PLAN FOR NEW AND REINSTALLED LOCATIONS, REFER TO REFLECTED CEILING KEYNOTES AND TO "E" SERIES DWGS.
6. ALL NEW CEILING SUPPLIES, RETURNS AND VENTS GRILLES ARE GOING TO BE INSTALLED BY THE MC. REFER TO REFLECTED CEILING PLAN, TO REFLECTED CEILING KEYNOTES AND TO "H" SERIES DWGS.
7. THE GC. SHALL COORDINATE INSTALLATION WITH MECHANICAL, ELECTRICAL, AND PLUMBING DWGS. AND CONTRACTORS.
8. REFER TO "P" SERIES DRAWINGS FOR SPRINKLER HEAD LOCATIONS.
9. GC. TO VERIFY SOFFIT SIZE WITH MILLWORK SHOP DRAWINGS. PROVIDE 2" OVERHANG ON EXPOSED EDGES UNLESS NOTED OTHERWISE.
10. GWB SOFFIT/BULKHEAD PAINT COLORS ARE NOTED ON 1100 PLAN. PAINT BOTH FACES AND UNDERSIDE AS NOTED. REFER TO REFLECTED CEILING LEGEND.
11. ALL THE EXISTING CEILING SYSTEM AND ASSOCIATED ITEMS TO REMAIN TO BE SUPPORTED AND PROTECTED IN THE SAW CUT AREA THOUGH THE CONSTRUCTION WORKS AS NEEDED BY THE GC.
12. IT IS THE GC. RESPONSIBILITY TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED, FOR PERFORMING DEMOLITION OF WORK WITHIN THE BUILDING. THE EXISTING CEILING SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE WALL SYSTEM.

REFLECTED CEILING KEYNOTES

- C1 G.C. TO INSTALL NEW CLG SYSTEM. REFER TO SHEET 1100 FOR FINISH SCHED.
- C2 G C. TO PROVIDE CUBICLE CURTAIN TRACK. REFER TO A-801 FOR CLG DTLS.
- C3 EC. TO REINSTALL EXISTING ACCESSORIES AND DEVICES.
- C4 EXISTING CEILING TO REMAIN.
- C5 GC. TO INSTALL CLG. BRACKETS FOR MONITOR. REFER TO "E" SERIES DWGS.
- C6 EC. TO INSTALL NEW CEILING SPEAKER. REFER "E" SERIES DWGS.
- C7 GC. TO INSTALL NEW CLG PLATES. REFER TO A#### FOR EQUIPMENT PLANS.
- C8 GC. TO PROVIDE CEILING OPENING.
- C9 GC. TO PROVIDE REMOVABLE CEILING TILE.
- C10 GC. TO PROVIDE NEW CEILING HATCH FOR PRESSURE RELIEF.
- C11 GC. TO COORDINATE CEILING LAYOUT WITH PHILIPS EQUIPMENT
- C12 CEILING MOUNTED ELECTRIC AMD HOSE REELS AS OUTLETS, (1) AIR HOSE, (1) OXYGEN HOSE, (1) VACUUM HOSE MOUNTED TO UNISTRUT BRACKET.

KEY PLAN



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SCALE AS SHOWN

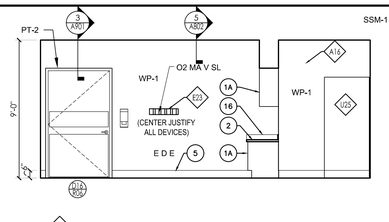
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CONSTRUCTIONS AND REFLECTED CEILING PLANS

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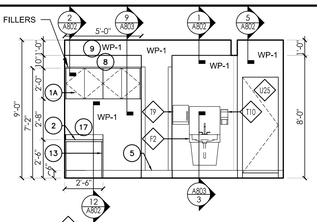
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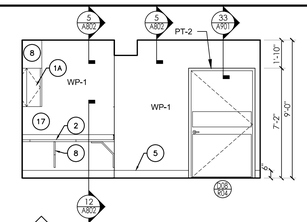
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Drawing Name: S:\Projects\Philips Healthy\GSH New CT Room\D Design\06 CAD\AutoCAD\ARCH\A1\A103- CONSTRUCTION AND RCP PLANS.dwg



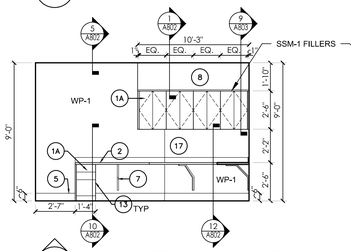
16 A104 MRI VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"



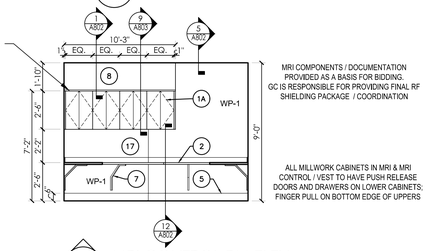
17 A104 MRI VESTIBULE ELEVATION
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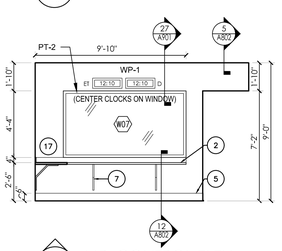
18 A104 MRI VESTIBULE ELEVATION
SCALE: 1/4" = 1'-0"



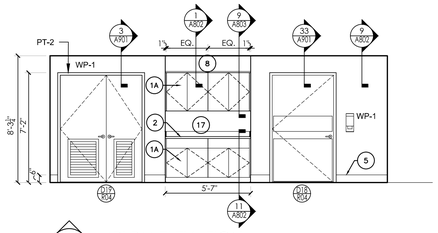
13 A104 MRI CONTROL RM ELEVATION
SCALE: 1/4" = 1'-0"



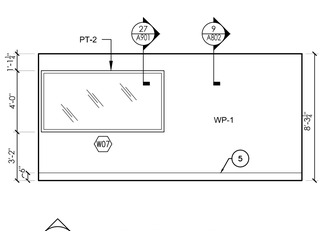
14 A104 MRI CONTROL RM ELEV.
SCALE: 1/4" = 1'-0"



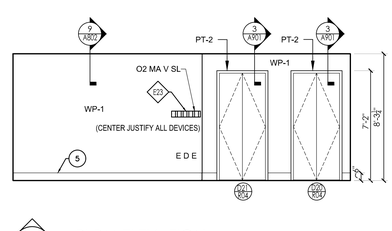
15 A104 MRI CONTROL ELEV.
SCALE: 1/4" = 1'-0"



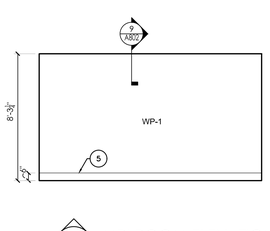
9 A104 MRI RM ELEVATION
SCALE: 1/4" = 1'-0"



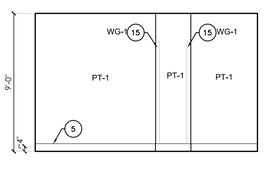
10 A104 MRI RM ELEVATION
SCALE: 1/4" = 1'-0"



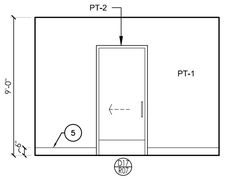
11 A104 MRI RM ELEVATION
SCALE: 1/4" = 1'-0"



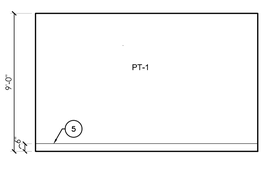
12 A104 MRI ROOM ELEVATION
SCALE: 1/4" = 1'-0"



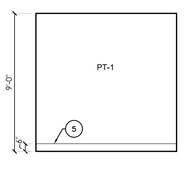
3 A104 MRI-EQUIP RM ELEVATION
SCALE: 1/4" = 1'-0"



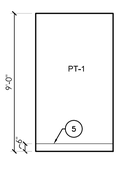
4 A104 MRI-EQUIP RM ELEVATION
SCALE: 1/4" = 1'-0"



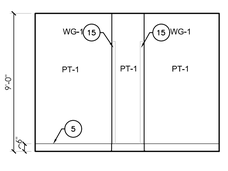
5 A104 MRI-EQUIP RM ELEV.
SCALE: 1/4" = 1'-0"



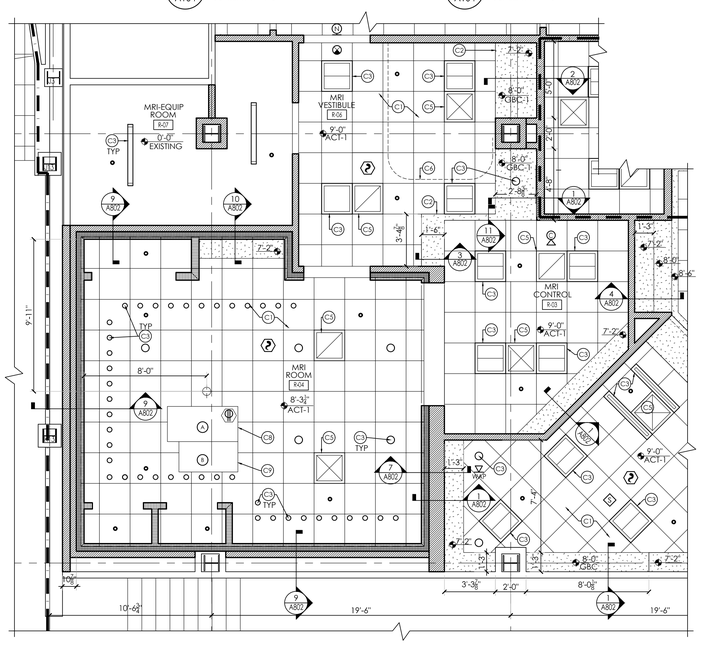
6 A104 MRI-EQUIP RM ELEV.
SCALE: 1/4" = 1'-0"



7 A104 MRI-EQUIP RM ELEV.
SCALE: 1/4" = 1'-0"

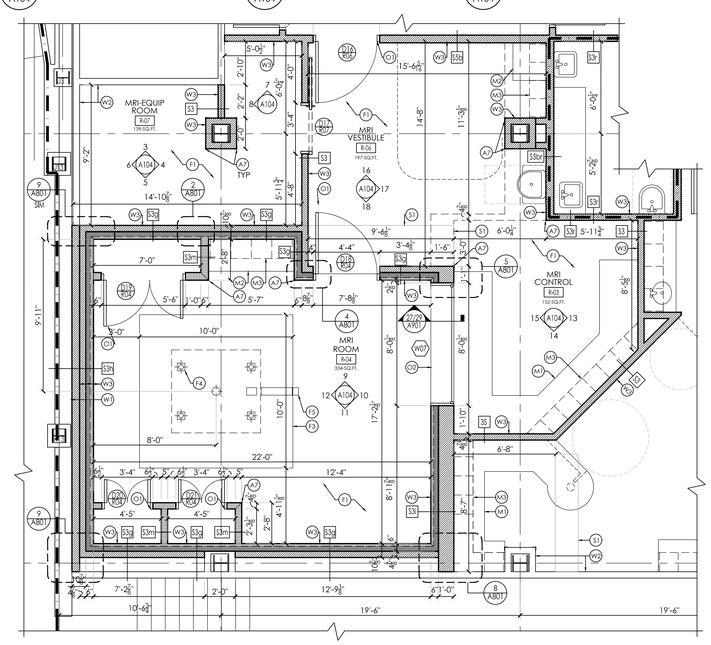


8 A104 MRI-EQUIP RM ELEV.
SCALE: 1/4" = 1'-0"



NOTE:
EXISTING WALL SHOWN AS FIRE RATED WALL TO TO MATCH NEW RATED WALLS. REFER TO A800 FOR WALL TYPES.

2 A104 MRI ROOM REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



1 A104 MRI ROOM NEW WORK PLAN
SCALE: 1/4" = 1'-0"

REFLECTED CEILING LEGEND

- NEW 2'X2' LIGHT
- NEW 2'x4' LIGHT
- NEW 1'x4' LIGHT
- EXISTING 2'X2' LIGHT TO REINSTALL
- EXISTING 2'x4' LIGHT TO REINSTALL
- RECESSED LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- CEILING MONITOR
- CEILING PLATE
- SPRINKLER HEAD
- CEILING SPEAKER
- SPEAKER
- EXIT LIGHTING FIXTURE UNIVERSAL MOUNT
- VIDEO CAMERA
- SMOKE DETECTOR
- CEILING MOUNTED DUPLEX RECEPTACLE
- WIRELESS ACCESS POINT
- TELEMETRY
- NURSE CALL LIGHTS
- OCCUPANCY SENSOR - CEILING MOUNTED
- VACANCY SENSOR - CEILING MOUNTED
- SUPPLY AIR DIFFUSERS
- RETURN AIR DIFFUSERS
- EXHUAST DIFFUSERS
- (A) 28" x 46" OPEN AREA ABOVE MRI, REFER TO PHILIPS INSTALLATION PACKAGE.
- (B) 23.75" x 46" REMOVABLE CEILING TILE AND GRID. REFER TO PHILIPS INSTALLATION PACKAGE.
- ACOUSTICAL TILE CEILING
- GYPSUM WALL BOARD CEILING
- 8'-8" / XXX-W CEILING HEIGHT ABOVE FINISHED FLOOR AND CEILING TYPE
- CUBICLE CURTAIN TRACK. SEE DETAIL 6/A802.
- PT#? SOFFIT/ CEILING PAINT COLOR TAG- PAINT ALL SIDES OF SOFFIT IN COLOR NOTED

GENERAL INTERIOR NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. EASED CORNERS AT ALL COUNTERTOPS. (TYPICAL)
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES, OWNER FURNISHED MODULAR CASEWORK, AND OWNER FURNISHED MEDICAL EQUIPMENT.
4. REFER TO SHEET A400 FOR FF&E LEGENDS, TOILET FIXTURES, ALL TOILET ROOM ACCESSORIES PROVIDED BY OWNER AND MOUNTING HEIGHTS.
5. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
6. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
7. PROVIDE HEAVY DUTY SUPPORT BRACKETS AT WORK SURFACES, 48" MAX BETWEEN BRACKETS UNLESS OTHERWISE NOTED.
8. ALL WALL CABINETS ARE 15" DEEP UNLESS NOTED OTHERWISE.
9. ALL BASE CABINETS ARE 24" DEEP UNLESS NOTED OTHERWISE.
10. LOCKABLE MILLWORK INDICATED ON INTERIOR ELEVATIONS.
11. SEE ROOM FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
12. REFER TO SHEET A103 FOR CEILING HEIGHTS.
13. REFER TO A300S DWGS. FOR FIXTURES, ACCESSORIES AND EQUIPMENTS LOCATIONS.
13. REFER TO SHEET I100 FOR FINISH SCHEDULE.
14. REFER TO A800S DWGS. FOR MILLWORK DETAILS.
15. COORDINATE ALL MILLWORK IN CT RM & CT CONTROL RM WITH PHILIPS EQUIPS.
16. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
17. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
18. GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT
19. REFER TO A1005 DWGS. FOR WALL PROTECTION LOCATIONS.
20. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M, E, P INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
21. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
22. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.

INTERIOR ELEVATIONS KEYNOTES

1. MILLWORK TO BE HIGH PRESSURE LAMINATE (HPL). REFER TO A800'S AND INTERIOR DWGS.
1A. MILLWORK TO BE SOLID SURFACE. REFER TO SHEET A803 AND INTERIOR DWGS.
2. COUNTER TO BE SOLID SURFACE. REFER TO A800'S AND INTERIOR DWGS.
3. COAT ROD AND SHELF. REFER TO SHEET A804 FOR DETAIL .
4. SOLID WOOD TOP BUILT-IN BENCH (SEALED; TO MATCH DOOR STAIN COLOR) REFER TO SHEET A804 FOR DETAIL.
5. SCHEDULED BASE
6. SCHEDULED WALL PROTECTION. REFER TO 'I' SERIES DWGS.
7. HEAVY DUTY SUPPORT BRACKET.
8. GWB/METAL STUD SOFFIT; LAMINATED FASCIA PANEL WITH MATERIAL, PATTERN & GRAIN TO MATCH CABINETS.
9. GWB/METAL STUD SOFFIT/BULKHEAD; PAINTED.
10. HALF WALL WITH SOLID SURFACE CAP. REFER TO 6/A800 DWG.
11. CERAMIC TILE WALL FINISH AND SCHED WALL BASE. REFER TO 'I' SERIES DWGS.
12. COUNTER TO BE STAINLESS STEEL. REFER TO A800'S AND INTERIOR DWGS.
13. FINISHED END PANEL
14. LOCKERS (CFCI) SEE SHEET A804 FOR DETAIL.
15. CORNER GUARDS (TO TOP OF DOOR FRAME; TYP. AT ALL OUTSIDE CORNERS)
16. SOLID SURFACE BACKSPLASH (FULL HEIGHT IN WET AREAS WHERE SHOWN)
17. VERTICAL SPLASH GUARD; 3/4" SOLID SURFACE
18. CELL PHONE LOCKERS
19. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION, ARMOR, STRETCHER & 12" KICK PLATES AS SHOWN (TO MATCH OWNER REQUIREMENTS)

INTERIOR ELEVATIONS LEGEND

OUTLET LOCATIONS SHOWN ARE APPROXIMATE;GC/EC TO COORDINATE EXACT OUTLET LOCATIONS WITH PHILIPS INSTALLATION REQUIREMENTS IN FIELD.

- N = NORMAL POWER
- E =EMERGENCY POWER
- D =DATA
- =PHILIPS VIDEO CONNECTION BOX

NEW WORK KEYNOTES

WALLS

- (W1) EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES AND PREPARE TO RECEIVE NEW FINISHES.
- (W2) EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES, PRIME AND PAINT.
- (W3) G.C. TO PROVIDE NEW WALL. REFER TO SHEET A800 FOR WALL TYPES.
- (W4) G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET 1100. NEW FINISHES TO ALIGN TO EXISTING.
- (W5) G.C. TO PREPARE NEW WALLS TO RECEIVE NEW WALL FINISH. REFER TO SHEETS A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.

FINISH

- (F1) G.C. TO INSTALL NEW SCHEDULED FLOOR AND BASE FINISH. REFER TO SHEET I100 FOR FINISH SCHEDULE .
- (F2) G.C. TO PROVIDE NEW SCHEDULED FLOOR AND WALL FINISH. REFER TO SHEET I100 FOR OR FINISH SCHEDULES.
- (F3) GC. TO PROVIDE LIMITED FLOOR REINFORCEMENT/FERROUS MATERIAL AREA. REFER TO 'S' SERIES. DWGS.
- (F4) GC. TO PROVIDE MAGNET SUPPORTS.
- (F5) EC. TO PROVIDE CABLE DUCT AND DUCT COVER. REFER TO 'E' SERIES DWGS.

OPENING

- (O1) G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO SHEET A900 FOR DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION.
- (O2) G.C. TO PROVIDE AND INSTALL NEW WINDOW. REFER TO SHEET A901 FOR WINDOW DETAILS.

ACCESSORIES

- (A1) G.C. TO PROVIDE TOILET ACCESSORIES. REFER TO SHEET A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.
- (A2) GC. TO PROVIDE CHANGING BENCH. REFER TO SHEET A803.
- (A3) GC. TO PROVIDE LOCKER. REFER TO SHEET A804.
- (A4) GC. TO PROVIDE WALL MIRROR. REFER TO SHEET A303.
- (A5) GC. TO PROVIDE NEW HANDRAIL AND WALL BASE. REFER TO SHEET I100.
- (A6) GC. TO PROVIDE NEW FIRE EXTINGUISHER CABINET. REFER TO SHEET A801.
- (A7) GC. TO PROVIDE NEW CORNER GUARD. REFER TO SHEET A801.
- (A8) GC. TO PROVIDE NEW CELL PHONE LOCKERS. REFER TO SHEET A804.

MILLWORK (REFER TO A100S FOR PLANS AND TO A400S FOR INTERIOR ELEVS)

- (M1) GC. TO PROVIDE BUILT - IN DESK.
- (M2) GC. TO PROVIDE BUILT - IN FLOOR CABINETS.
- (M3) GC. TO PROVIDE BUILT - IN WALL CABINETS.
- (M4) GC. TO PROVIDE BUILT - IN FRONT DESK.
- (M5) GC. TO SOLID SURFACE TOP AND BUILT-IN SOLID SURFACE SINK WHERE IS REQUIRED.

STRUCTURAL

- (S1) GC. TO PROVIDE NEW SLAB AND SLAB INFILL. REFER TO "S" AND "P" SERIES DWGS.

PLUMBING

- (P1) PC. TO NEW FLOOR DRAIN. REFER TO "P" SERIES DWGS.
- (P2) PC. TO PROVIDE AND INSTALL NEW PLBG. FIXTS. REFER TO "P" SERIES DWGS.
- (P3) PC. TO PROVIDE PLUMBING INSTALLATION FOR BUILT -IN SOLID SURFACE SINK ON SOLID SURFACE TOP.

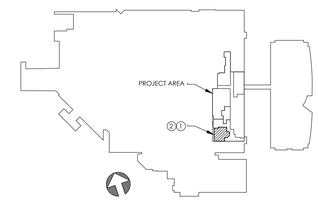
NEW WORK LEGEND

- (#) CONSTRUCTION KEY
- EF EXISTING FLOOR FINISH TO REMAIN
- NF NEW FLOOR FINISH
- 2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- PROPOSED NEW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW RF WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW LOW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- NEW 4" CONC. SLAB INFILL ON 4" GRAVEL AND V.B. ALIGN TO ADJ. FINISHES.
- NEW ADA LOCKER LOCATED ON THE BOTTOM OF THE DOUBLE TIER LOCKER. REFER TO SHEETS A-401 & A-403 FOR ELEVATIONS
- NEW LOCKER. REFER TO SHEETS A-401 & A-403 FOR ELEVATIONS
- NEW MAGNET SUPPORT
- MRI AND CT EQUIP. ISOCENTER
- (##) (##) NEW DOOR TAG
- (##) NEW WINDOW TAG
- (##) PARTITION YPE TAG
- 5'-0" TURNING RADIUS
- (#) ACCESSORY KEY SEE SCHEDULE ON SHEET A-400
- 2" WALL CORNER GUARD

REFLECTED CEILING KEYNOTES

- (C1) G.C. TO INSTALL NEW CLG SYSTEM. REFER TO SHEET I100 FOR FINISH SCHED.
- (C2) G C. TO PROVIDE CUBICLE CURTAIN TRACK. REFER TO A-801 FOR CLG DTLS.
- (C3) EC. TO REINSTALL EXISTING ACCESSORIES AND DEVICES.
- (C4) EXISTING CEILING TO REMAIN.
- (C5) GC. TO INSTALL CLG. BRACKETS FOR MONITOR. REFER TO "E" SERIES DWGS.
- (C6) EC. TO INSTALL NEW CEILING SPEAKER. REFER "E" SERIES DWGS.
- (C7) GC. TO INSTALL NEW CLG PLATES. REFER TO A### FOR EQUIPMENT PLANS.
- (C8) GC. TO PROVIDE CEILING OPENING.
- (C9) GC. TO PROVIDE REMOVABLE CEILING TILE.
- (C10) GC. TO PROVIDE NEW CEILING HATCH FOR PRESSURE RELIEF.
- (C11) GC. TO COORDINATE CEILING LAYOUT WITH PHILIPS EQUIPMENT
- (C12) CEILING MOUNTED ELECTRIC AMD HOSE REELS AS OUTLETS, (1) AIR HOSE, (1) OXYGEN HOSE, (1) VACUUM HOSE MOUNTED TO UNISTRUT BRACKET.

KEY PLAN



CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING
30 CENTURY HILL DRIVE
SUITE 104
LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	LJ	CG

SCALE AS SHOWN

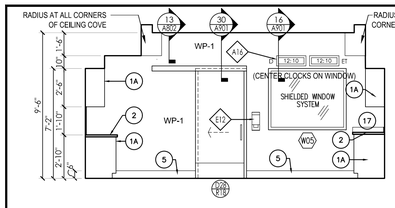
SHEET TITLE
MRI NEW WORK AND REFLECTED CEILING PLANS AND ELEVATIONS

PROJECT NUMBER 15068.00

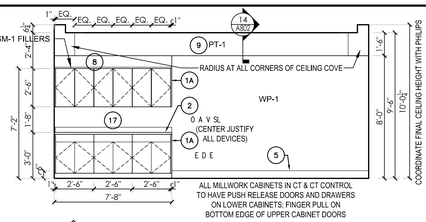
A104
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

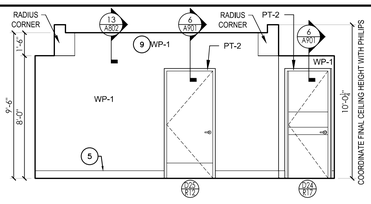
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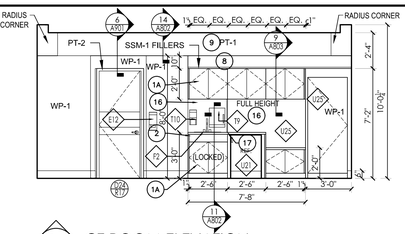
11 A105 CT ROOM ELEVATION
SCALE: 1/4" = 1'-0"



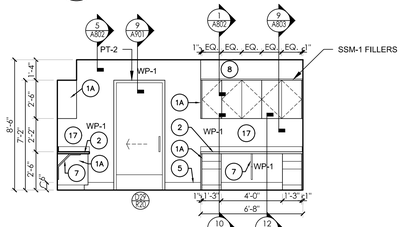
12 A105 CT ROOM ELEVATION
SCALE: 1/4" = 1'-0"



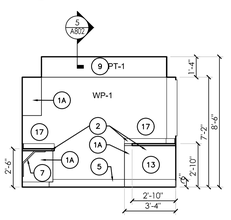
13 A105 CT ROOM ELEVATION
SCALE: 1/4" = 1'-0"



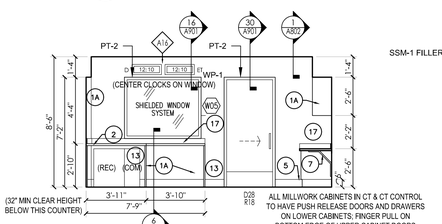
14 A105 CT ROOM ELEVATION
SCALE: 1/4" = 1'-0"



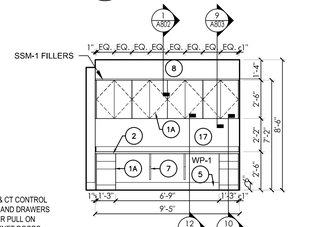
7 A105 CT-CTRL RM ELEVATION
SCALE: 1/4" = 1'-0"



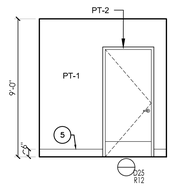
8 A105 CT-CTRL RM ELEVATION
SCALE: 1/4" = 1'-0"



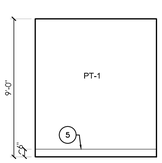
9 A105 CT-CTRL RM ELEVATION
SCALE: 1/4" = 1'-0"



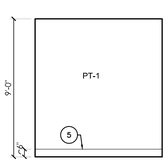
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SCALE: 1/4" = 1'-0"



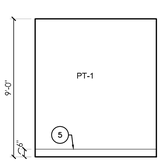
3 A105 CT-EQUIP RM ELEVATION
SCALE: 1/4" = 1'-0"



4 A105 CT-EQUIP RM ELEVACION
SCALE: 1/4" = 1'-0"



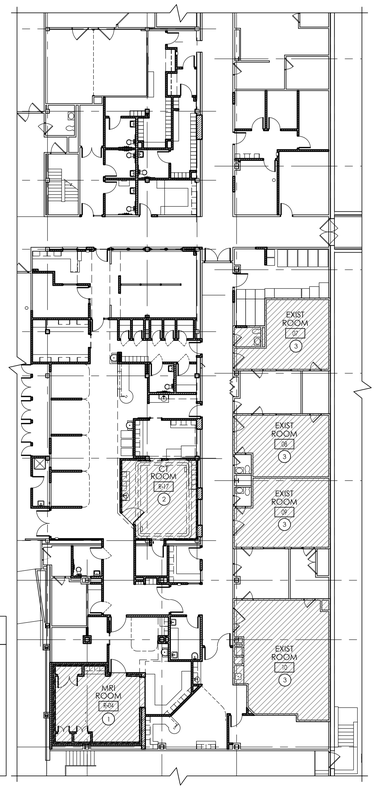
5 A105 CT-EQUIP RM ELEVATION
SCALE: 1/4" = 1'-0"



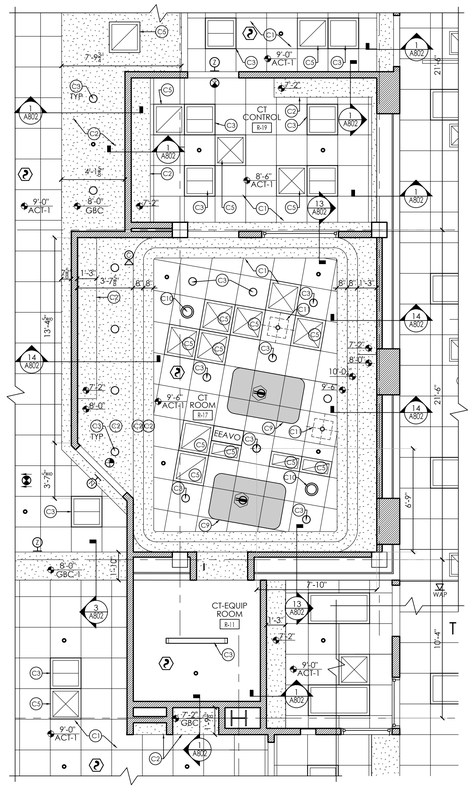
6 A105 CT-EQUIP RM ELEVATION
SCALE: 1/4" = 1'-0"

SHIELDING LEGEND

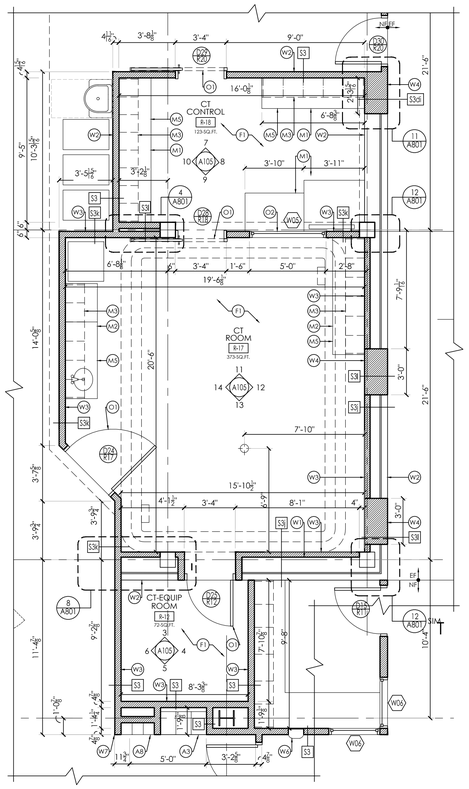
1. PROPOSED MRI ROOM
   RF SHIELDING TO BE DETERMINATED BY GC'S VENDOR. PASSIVE MAGNETIC SHIELDING PERO PHILIPS INSTALLATION PACKAGE.
2. PROPOSED CT ROOM
   FOR BIDDING PURPOSE. ASSUME ⅛" LEAD SHIELDING REQUIRED. PHYSICIST REPORT TO BE ISSUED BY OWNER PRIOR TO END OF BIDDING PERIOD.
3. EXISTING SHIELDING ROOMS 1-10, NOT IN SCOPE.



3 A105 SHIELDING PLAN
SCALE: 1/16" = 1'-0"



2 A105 CT REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"



1 A105 CT ROOM CONSTRUCTIONS PLAN
SCALE: 1/4" = 1'-0"

REFLECTED CEILING LEGEND

- NEW 2'X2' LIGHT
- NEW 2'x4' LIGHT
- NEW 1'x4' LIGHT
- EXISTING 2'X2' LIGHT TO REINSTALL
- EXISTING 2'x4' LIGHT TO REINSTALL
- RECESSED LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- CEILING MONITOR
- CEILING PLATE
- SPRINKLER HEAD
- CEILING SPEAKER
- SPEAKER
- EXIT LIGHTING FIXTURE UNIVERSAL MOUNT
- VIDEO CAMERA
- SMOKE DETECTOR
- CEILING MOUNTED DUPLEX RECEPTACLE
- WIRELESS ACCESS POINT
- TELEMETRY
- NURSE CALL LIGHTS
- OCCUPANCY SENSOR - CEILING MOUNTED
- VACANCY SENSOR - CEILING MOUNTED
- SUPPLY AIR DIFFUSERS
- RETURN AIR DIFFUSERS
- EXHUAST DIFFUSERS
- (A) 28" x 46" OPEN AREA ABOVE MRI, REFER TO PHILIPS INSTALLATION PACKAGE.
- (B) 23.75" x 46" REMOVABLE CEILING TILE AND GRID. REFER TO PHILIPS INSTALLATION PACKAGE.
- ACOUSTICAL TILE CEILING
- GYPSUM WALL BOARD CEILING
- 8'-8" XXX'-X" CEILING HEIGHT ABOVE FINISHED FLOOR AND CEILING TYPE
- CUBICLE CURTAIN TRACK. SEE DETAIL 6/A802.
- PT#1 SOFFIT/ CEILING PAINT COLOR TAG- PAINT ALL SIDES OF SOFFIT IN COLOR NOTED

GENERAL INTERIOR NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. EASED CORNERS AT ALL COUNTERTOPS. (TYPICAL)
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES, OWNER FURNISHED MODULAR CASEWORK, AND OWNER FURNISHED MEDICAL EQUIPMENT.
4. REFER TO SHEET A400 FOR FF&E LEGENDS, TOILET FIXTURES. ALL TOILET ROOM ACCESSORIES PROVIDED BY OWNER AND MOUNTING HEIGHTS.
5. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
6. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
7. PROVIDE HEAVY DUTY SUPPORT BRACKETS AT WORK SURFACES. 48" MAX BETWEEN BRACKETS UNLESS OTHERWISE NOTED.
8. ALL WALL CABINETS ARE 15" DEEP UNLESS NOTED OTHERWISE.
9. ALL BASE CABINETS ARE 24" DEEP UNLESS NOTED OTHERWISE.
10. LOCKABLE MILLWORK INDICATED ON INTERIOR ELEVATIONS.
11. SEE ROOM FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
12. REFER TO SHEET A103 FOR CEILING HEIGHTS.
13. REFER TO A300S DWGS. FOR FIXTURES, ACCESSORIES AND EQUIPMENTS LOCATIONS.
13. REFER TO SHEET I100 FOR FINISH SCHEDULE.
14. REFER TO A800S DWGS. FOR MILLWORK DETAILS.
15. COORDINATE ALL MILLWORK IN CT RM & CT CONTROL RM WITH PHILIPS EQUIPS.
16. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
17. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
18. GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT
19. REFER TO A100S DWGS. FOR WALL PROTECTION LOCATIONS.
20. EQUIPMENT SHOWN ON THESE DOCUMENTS ARE FOR REFERENCE ONLY AND ARE FOR COORDINATION OF M, E, P INFRASTRUCTURE TO OPERATE ITEMS INCLUDED UNDER THE SCOPE.
21. ALL FURNITURE IS PROVIDED BY OWNER UNLESS NOTED OTHERWISE.
22. IT IS THE GENERAL CONTRACTORS RESPONSIBILITY TO REFER TO OWNER FURNISHED EQUIPMENT DRAWINGS AND SUBMITTALS FOR FINAL COORDINATION AND INSTALLATION REQUIREMENTS INCLUDING BUT NOT LIMITED TO: DIMENSIONS, LOCATIONS & MEP CONNECTION LOCATION.

INTERIOR ELEVATIONS KEYNOTES

1. MILLWORK TO BE HIGH PRESSURE LAMINATE (HPL). REFER TO A800'S AND INTERIOR DWGS.
1A. MILLWORK TO BE SOLID SURFACE. REFER TO SHEET A803 AND INTERIOR DWGS.
2. COUNTER TO BE SOLID SURFACE. REFER TO A800'S AND INTERIOR DWGS.
3. COAT ROD AND SHELF. REFER TO SHEET A804 FOR DETAIL .
4. SOLID WOOD TOP BUILT-IN BENCH (SEALED; TO MATCH DOOR STAIN COLOR) REFER TO SHEET A804 FOR DETAIL.
5. SCHEDULED BASE
6. SCHEDULED WALL PROTECTION. REFER TO 'I' SERIES DWGS.
7. HEAVY DUTY SUPPORT BRACKET.
8. GWB/METAL STUD SOFFIT; LAMINATED FASCIA PANEL WITH MATERIAL, PATTERN & GRAIN TO MATCH CABINETS.
9. GWB/METAL STUD SOFFIT/BULKHEAD; PAINTED.
10. HALF WALL WITH SOLID SURFACE CAP. REFER TO 6/A800 DWG.
11. CERAMIC TILE WALL FINISH AND SCHED WALL BASE. REFER TO 'I' SERIES DWGS.
12. COUNTER TO BE STAINLESS STEEL. REFER TO A800'S AND INTERIOR DWGS.
13. FINISHED END PANEL
14. LOCKERS (CFCI) SEE SHEET A804 FOR DETAIL.
15. CORNER GUARDS (TO TOP OF DOOR FRAME; TYP. AT ALL OUTSIDE CORNERS)
16. SOLID SURFACE BACKSPLASH (FULL HEIGHT IN WET AREAS WHERE SHOWN)
17. VERTICAL SPLASH GUARD; 3/4" SOLID SURFACE
18. CELL PHONE LOCKERS
19. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION, ARMOR, STRETCHER & 12" KICK PLATES AS SHOWN (TO MATCH OWNER REQUIREMENTS)

INTERIOR ELEVATIONS LEGEND

OUTLET LOCATIONS SHOWN ARE APPROXIMATE;GC/EC TO COORDINATE EXACT OUTLET LOCATIONS WITH PHILIPS INSTALLATION REQUIREMENTS IN FIELD.

- N = NORMAL POWER
- E =EMERGENCY POWER
- D =DATA
- P =PHILIPS VIDEO CONNECTION BOX

NEW WORK KEYNOTES

WALLS

- (W) EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES AND PREPARE TO RECEIVE NEW FINISHES.
- (W2) EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES, PRIME AND PAINT.
- (W3) G.C. TO PROVIDE NEW WALL. REFER TO SHEET A800 FOR WALL TYPES.
- (W4) G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET 1100. NEW FINISHES TO ALIGN TO EXISTING.
- (W5) G.C. TO PREPARE NEW WALLS TO RECEIVE NEW WALL FINISH. REFER TO SHEETS A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.

FINISH

- (F1) G.C. TO INSTALL NEW SCHEDULED FLOOR AND BASE FINISH. REFER TO SHEET I100 FOR FINISH SCHEDULE .
- (F2) G.C. TO PROVIDE NEW SCHEDULED FLOOR AND WALL FINISH. REFER TO SHEET I100 FOR OR FINISH SCHEDULES.
- (F3) GC. TO PROVIDE LIMITED FLOOR REINFORCEMENT/FERROUS MATERIAL AREA. REFER TO 'S' SERIES. DWGS.
- (F4) GC. TO PROVIDE MAGNET SUPPORTS.
- (F5) EC. TO PROVIDE CABLE DUCT AND DUCT COVER. REFER TO 'E' SERIES DWGS.

OPENING

- (O1) G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO SHEET A900 FOR DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION.
- (O2) G.C. TO PROVIDE AND INSTALL NEW WINDOW. REFER TO SHEET A901 FOR WINDOW DETAILS.

ACCESSORIES

- (A1) G.C. TO PROVIDE TOILET ACCESSORIES. REFER TO SHEET A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.
- (A2) GC. TO PROVIDE CHANGING BENCH. REFER TO SHEET A803.
- (A3) GC. TO PROVIDE LOCKER. REFER TO SHEET A804.
- (A4) GC. TO PROVIDE WALL MIRROR. REFER TO SHEET A303.
- (A5) GC. TO PROVIDE NEW HANDRAIL AND WALL BASE. REFER TO SHEET I100.
- (A6) GC. TO PROVIDE NEW FIRE EXTINGUISHER CABINET. REFER TO SHEET A801.
- (A7) GC. TO PROVIDE NEW CORNER GUARD. REFER TO SHEET A801.
- (A8) GC. TO PROVIDE NEW CELL PHONE LOCKERS. REFER TO SHEET A804.

MILLWORK (REFER TO A100S FOR PLANS AND TO A400S FOR INTERIOR ELEVS)

- (M1) GC. TO PROVIDE BUILT - IN DESK.
- (M2) GC. TO PROVIDE BUILT - IN FLOOR CABINETS.
- (M3) GC. TO PROVIDE BUILT - IN WALL CABINETS.
- (M4) GC. TO PROVIDE BUILT - IN FRONT DESK.
- (M5) GC. TO SOLID SURFACE TOP AND BUILT-IN SOLID SURFACE SINK WHERE IS REQUIRED.

STRUCTURAL

- (S1) GC. TO PROVIDE NEW SLAB AND SLAB INFILL. REFER TO "S" AND "P" SERIES DWGS.

PLUMBING

- (P1) PC. TO NEW FLOOR DRAIN. REFER TO "P" SERIES DWGS.
- (P2) PC. TO PROVIDE AND INSTALL NEW PLBG. FIXTS. REFER TO "P" SERIES DWGS.
- (P3) PC. TO PROVIDE PLUMBING INSTALLATION FOR BUILT -IN SOLID SURFACE SINK ON SOLID SURFACE TOP.

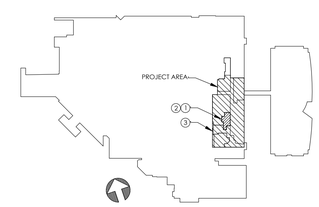
NEW WORK LEGEND

- (#) CONSTRUCTION KEY
- EF EXISTING FLOOR FINISH TO REMAIN
- NF NEW FLOOR FINISH
- 2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- PROPOSED NEW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW RF WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW LOW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- NEW 4" CONC. SLAB INFILL ON 4" GRAVEL AND V.B. ALIGN TO ADJ. FINISHES.
- NEW ADA LOCKER LOCATED ON THE BOTTOM OF THE DOUBLE TIER LOCKER. REFER TO SHEETS A-401 & A-403 FOR ELEVATIONS
- NEW LOCKER. REFER TO SHEETS A-401 & A-403 FOR ELEVATIONS
- NEW MAGNET SUPPORT
- MRI AND CT EQUIP. ISOCENTER
- D###/W### NEW DOOR TAG
- ## NEW WINDOW TAG
- P## PARTITION YPE TAG
- 5'-0" TURNING RADIUS
- # ACCESSORY KEY SEE SCHEDULE ON SHEET A-400
- 2" WALL CORNER GUARD

REFLECTED CEILING KEYNOTES

- (C1) G.C. TO INSTALL NEW CLG SYSTEM. REFER TO SHEET I100 FOR FINISH SCHED.
- (C2) G C. TO PROVIDE CUBICLE CURTAIN TRACK. REFER TO A-801 FOR CLG DTLS.
- (C3) EC. TO REINSTALL EXISTING ACCESSORIES AND DEVICES.
- (C4) EXISTING CEILING TO REMAIN.
- (C5) GC. TO INSTALL CLG. BRACKETS FOR MONITOR. REFER TO "E" SERIES DWGS.
- (C6) EC. TO INSTALL NEW CEILING SPEAKER. REFER "E" SERIES DWGS.
- (C7) GC. TO INSTALL NEW CLG PLATES. REFER TO A### FOR EQUIPMENT PLANS.
- (C8) GC. TO PROVIDE CEILING OPENING.
- (C9) GC. TO PROVIDE REMOVABLE CEILING TILE.
- (C10) GC. TO PROVIDE NEW CEILING HATCH FOR PRESSURE RELIEF.
- (C11) GC. TO COORDINATE CEILING LAYOUT WITH PHILIPS EQUIPMENT
- (C12) CEILING MOUNTED ELECTRIC AMD HOSE REELS AS OUTLETS, (1) AIR HOSE, (1) OXYGEN HOSE, (1) VACUUM HOSE MOUNTED TO UNISTRUT BRACKET.

KEY PLAN



CPLteam.com
ARCHITECTURE = ENGINEERING = PLANNING
30 CENTURY HILL DRIVE
SUITE 104
LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	LJ/AP	CG

SCALE: AS SHOWN

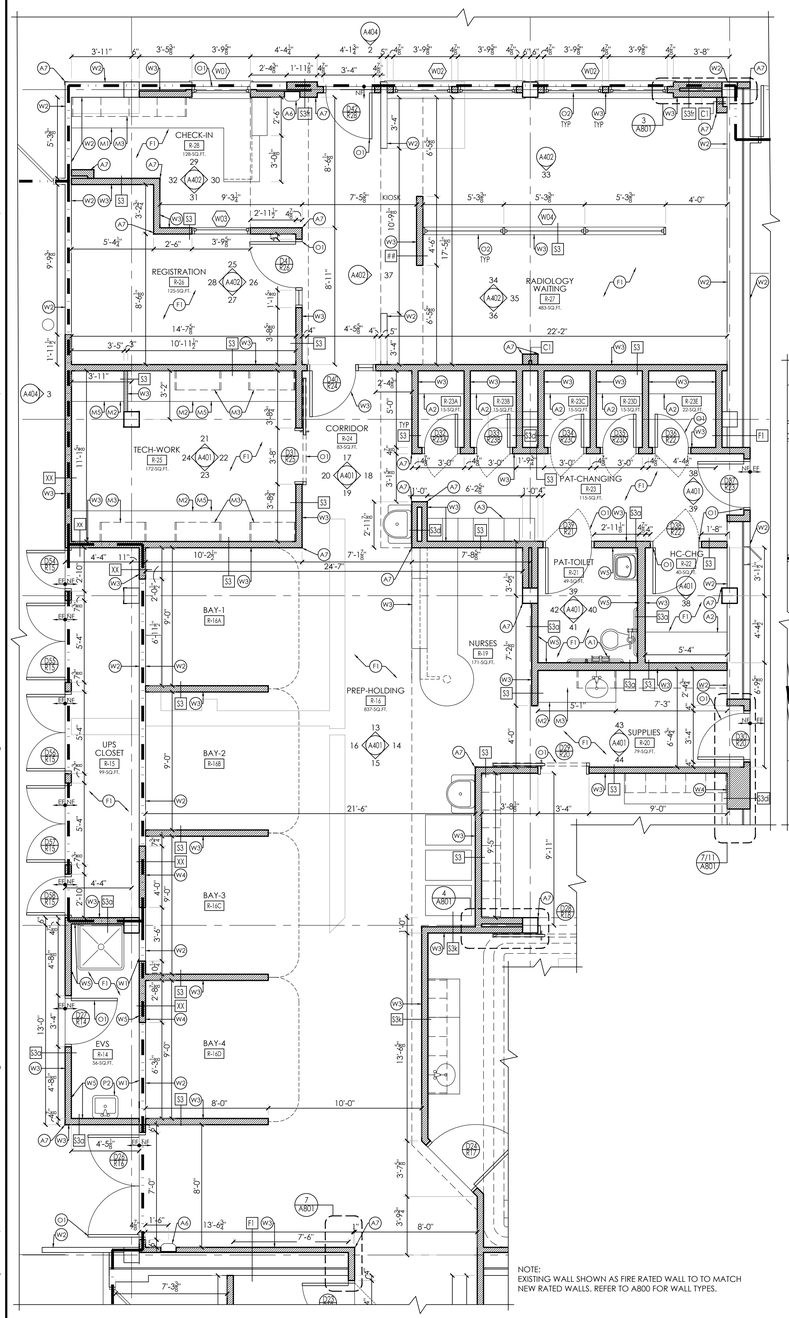
SHEET TITLE
CT NEW WORK AND REFLECTED CEILING PLANS AND ELEVATIONS AND SHIELDING PLAN

PROJECT NUMBER
15068.00

A105
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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Date last accessed: 3/8/2021 5:57 PM
Date last plotted: 3/8/2021 6:02 PM
Plotted By: Charlene Gabriel



2 A106 INTAKE AND PREP. NEW WORK PLAN
SCALE: 1/4" = 1'-0"

1 A106 ROOM 10 PREP / RECOVERY NEW WORK PLAN
SCALE: 1/4" = 1'-0"

NEW WORK KEYNOTES

WALLS

- (W1) EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES AND PREPARE TO RECEIVE NEW FINISHES.
- (W2) EXISTING WALLS TO REMAIN; REPAIR ANY DAMAGED/MARRED SURFACES, PRIME AND PAINT.
- (W3) G.C. TO PROVIDE NEW WALL. REFER TO SHEET A800 FOR WALL TYPES.
- (W4) G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET 1100. NEW FINISHES TO ALIGN TO EXISTING.
- (W5) G.C. TO PREPARE NEW WALLS TO RECEIVE NEW WALL FINISH. REFER TO SHEETS A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.

FINISH

- (F1) G.C. TO INSTALL NEW SCHEDULED FLOOR AND BASE FINISH. REFER TO SHEET 1100 FOR FINISH SCHEDULE .
- (F2) G.C. TO PROVIDE NEW SCHEDULED FLOOR AND WALL FINISH. REFER TO SHEET 1100 FOR OR FINISH SCHEDULES.
- (F3) GC. TO PROVIDE LIMITED FLOOR REINFORCEMENT/FERROUS MATERIAL AREA. REFER TO "S" SERIES. DWGS.
- (F4) GC. TO PROVIDE MAGNET SUPPORTS.
- (F5) EC. TO PROVIDE CABLE DUCT AND DUCT COVER. REFER TO "E" SERIES DWGS.

OPENING

- (O1) G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO SHEET A900 FOR DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION.
- (O2) G.C. TO PROVIDE AND INSTALL NEW WINDOW. REFER TO SHEET A901 FOR WINDOW DETAILS.

ACCESSORIES

- (A1) G.C. TO PROVIDE TOILET ACCESSORIES. REFER TO SHEET A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.
- (A2) GC. TO PROVIDE CHANGING BENCH. REFER TO SHEET A803.
- (A3) GC. TO PROVIDE LOCKER, REFER TO SHEET A804.
- (A4) GC. TO PROVIDE WALL MIRROR, REFER TO SHEET A303.
- (A5) GC. TO PROVIDE NEW HANDRAIL AND WALL BASE. REFER TO SHEET 1100.
- (A6) GC. TO PROVIDE NEW FIRE EXTINGUISHER CABINET. REFER TO SHEET A801.
- (A7) GC. TO PROVIDE NEW CORNER GUARD. REFER TO SHEET A801.
- (A8) GC. TO PROVIDE NEW CELL PHONE LOCKERS. REFER TO SHEET A804.

MILLWORK (REFER TO A100S FOR PLANS AND TO A400S FOR INTERIOR ELEVS)

- (M1) GC. TO PROVIDE BUILT - IN DESK.
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- (M4) GC. TO PROVIDE BUILT - IN FRONT DESK.
- (M5) GC. TO SOLID SURFACE TOP AND BUILT-IN SOLID SURFACE SINK WHERE IS REQUIRED.

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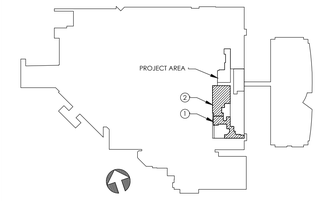
PLUMBING

- (P1) PC. TO NEW FLOOR DRAIN. REFER TO "P" SERIES DWGS.
- (P2) PC. TO PROVIDE AND INSTALL NEW PLBG. FIXTS. REFER TO "P" SERIES DWGS.
- (P3) PC. TO PROVIDE PLUMBING INSTALLATION FOR BUILT -IN SOLID SURFACE SINK ON SOLID SURFACE TOP.

NEW WORK SYMBOL LEGEND

- (#) CONSTRUCTION KEY
- EF EXISTING FLOOR FINISH TO REMAIN
- NF NEW FLOOR FINISH
- 2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- PROPOSED NEW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW RF WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW LOW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- NEW 4" CONC. SLAB INFILL ON 4" GRAVEL AND V.B. ALIGN TO ADJ. FINISHES.
- NEW ADA LOCKER LOCATED ON THE BOTTOM OF THE DOUBLE TIER LOCKER. REFER TO SHEETS A-401 & A403 FOR ELEVATIONS
- NEW LOCKER. REFER TO SHEETS A-401 & A403 FOR ELEVATIONS
- NEW MAGNET SUPPORT
- MRI AND CT EQUIP. ISOCENTER
- (D##) NEW DOOR TAG
- (##) NEW WINDOW TAG
- (##) PARTITION YPE TAG
- 5'-0" TURNING RADIUS
- (#) ACCESSORY KEY SEE SCHEDULE ON SHEET A-400
- 2" WALL CORNER GUARD

KEY PLAN



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SUITE 104
LATHAM, NY 12110
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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
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NY 10901

DATE	DRAWN	CHECKED
3/9/2021	LJ	CG

SCALE AS SHOWN

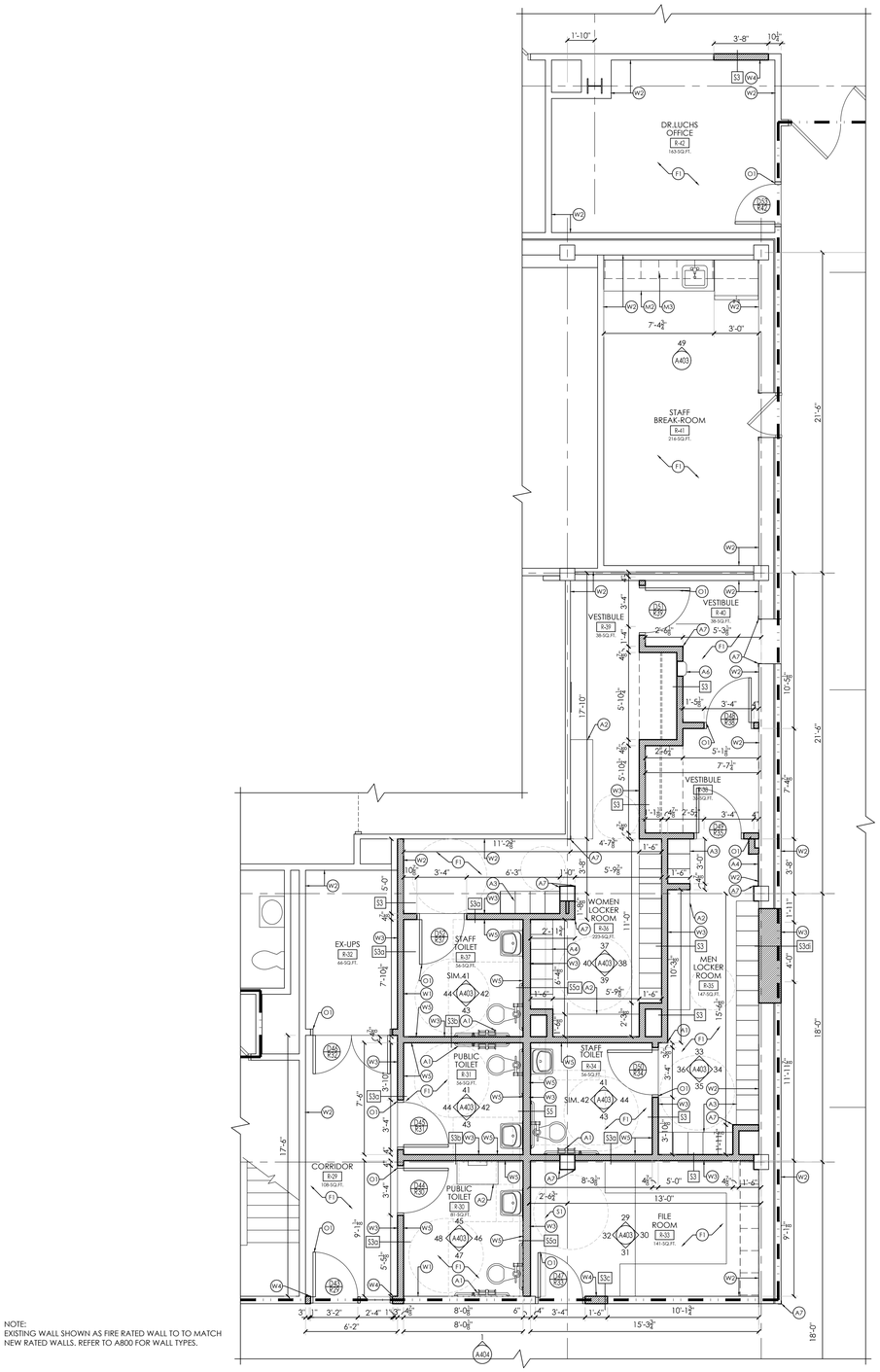
SHEET TITLE
ROOM 10 PREP / RECOVERY, INTAKE AND PREP. NEW WORK PLANS

PROJECT NUMBER 15068.00

A106
DRAWING NUMBER

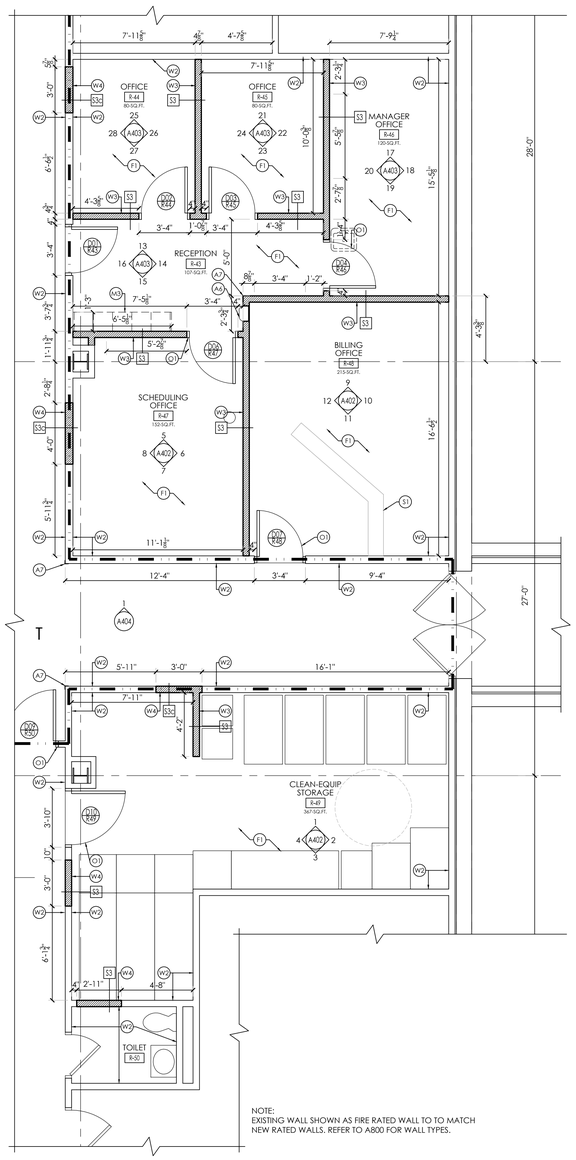
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANYTHEN IN ANY WAY. IF ANYTHEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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Date last accessed: 3/9/2021 7:35 AM
Plotted By: Charlene Gabriel
Date last plotted: 3/9/2021 7:35 AM



NOTE:
EXISTING WALL SHOWN AS FIRE RATED WALL TO TO MATCH NEW RATED WALLS. REFER TO A800 FOR WALL TYPES.

2 A107 TOILETS AND LOCKER ROOMS NEW WORK PLAN
SCALE: 1/4" = 1'-0"



NOTE:
EXISTING WALL SHOWN AS FIRE RATED WALL TO TO MATCH NEW RATED WALLS. REFER TO A800 FOR WALL TYPES.

1 A107 CLEAN STORAGE AND OFFICES NEW WORK PLAN
SCALE: 1/4" = 1'-0"

NEW WORK KEYNOTES

WALLS

- W1 EXISTING WALLS TO REMAIN: REPAIR ANY DAMAGED/MARRED SURFACES AND PREPARE TO RECEIVE NEW FINISHES.
- W2 EXISTING WALLS TO REMAIN: REPAIR ANY DAMAGED/MARRED SURFACES, PRIME AND PAINT.
- W3 G.C. TO PROVIDE NEW WALL. REFER TO SHEET A800 FOR WALL TYPES.
- W4 G.C. TO INFILL EXISTING OPENINGS WITH 2x STUDS, AS REQUIRED AND INSTALL ABUSE RESISTANT GYPSUM WALL BOARD. REFER TO FINISH SCHEDULE ON SHEET 1100. NEW FINISHES TO ALIGN TO EXISTING.
- W5 G.C. TO PREPARE NEW WALLS TO RECEIVE NEW WALL FINISH. REFER TO SHEETS A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.

FINISH

- F1 G.C. TO INSTALL NEW SCHEDULED FLOOR AND BASE FINISH. REFER TO SHEET I100 FOR FINISH SCHEDULE .
- F2 G.C. TO PROVIDE NEW SCHEDULED FLOOR AND WALL FINISH. REFER TO SHEET I100 FOR OR FINISH SCHEDULES.
- F3 GC. TO PROVIDE LIMITED FLOOR REINFORCEMENT/FERROUS MATERIAL AREA. REFER TO 'S' SERIES, DWGS.
- F4 GC. TO PROVIDE MAGNET SUPPORTS.
- F5 EC. TO PROVIDE CABLE DUCT AND DUCT COVER. REFER TO 'E' SERIES DWGS.

OPENING

- O1 G.C. TO PROVIDE AND INSTALL NEW DOOR. REFER TO SHEET A900 FOR DOOR SCHEDULE FOR SIZING AND HARDWARE INFORMATION.
- O2 G.C. TO PROVIDE AND INSTALL NEW WINDOW. REFER TO SHEET A901 FOR WINDOW DETAILS.

ACCESSORIES

- A1 G.C. TO PROVIDE TOILET ACCESSORIES. REFER TO SHEET A400, A401, A402 AND A403 FOR INTERIOR ELEVATIONS.
- A2 GC. TO PROVIDE CHANGING BENCH. REFER TO SHEET A803.
- A3 GC. TO PROVIDE LOCKER, REFER TO SHEET A804.
- A4 GC. TO PROVIDE WALL MIRROR, REFER TO SHEET A303.
- A5 GC. TO PROVIDE NEW HANDRAIL AND WALL BASE. REFER TO SHEET I100.
- A6 GC. TO PROVIDE NEW FIRE EXTINGUISHER CABINET. REFER TO SHEET A801.
- A7 GC. TO PROVIDE NEW CORNER GUARD. REFER TO SHEET A801.
- A8 GC. TO PROVIDE NEW CELL PHONE LOCKERS. REFER TO SHEET A804.

MILLWORK (REFER TO A100S FOR PLANS AND TO A400S FOR INTERIOR ELEVS)

- M1 GC. TO PROVIDE BUILT - IN DESK.
- M2 GC. TO PROVIDE BUILT - IN FLOOR CABINETS.
- M3 GC. TO PROVIDE BUILT - IN WALL CABINETS.
- M4 GC. TO PROVIDE BUILT - IN FRONT DESK.
- M5 GC. TO SOLID SURFACE TOP AND BUILT-IN SOLID SURFACE SINK WHERE IS REQUIRED.

STRUCTURAL

- S1 GC. TO PROVIDE NEW SLAB AND SLAB INFILL. REFER TO 'S' AND 'P' SERIES DWGS.

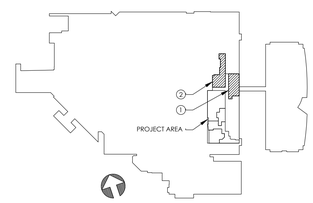
PLUMBING

- P1 PC. TO NEW FLOOR DRAIN. REFER TO 'P' SERIES DWGS.
- P2 PC. TO PROVIDE AND INSTALL NEW PLBG. FIXTS. REFER TO 'P' SERIES DWGS.
- P3 PC. TO PROVIDE PLUMBING INSTALLATION FOR BUILT -IN SOLID SURFACE SINK ON SOLID SURFACE TOP.

NEW WORK SYMBOL LEGEND

- # CONSTRUCTION KEY
- EF EXISTING FLOOR FINISH TO REMAIN
- NF NEW FLOOR FINISH
- 2 HOUR RATED PARTITION
- 1 HOUR RATED PARTITION
- PROPOSED NEW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW RF WALL. REFER TO SHEET A-800 FOR WALL TYPES
- PROPOSED NEW LOW WALL. REFER TO SHEET A-800 FOR WALL TYPES
- NEW 4" CONC. SLAB INFILL ON 4" GRAVEL AND V.B. ALIGN TO ADJ. FINISHES.
- NEW ADA LOCKER LOCATED ON THE BOTTOM OF THE DOUBLE TIER LOCKER. REFER TO SHEETS A-401 & A-403 FOR ELEVATIONS
- NEW LOCKER. REFER TO SHEETS A-401 & A-403 FOR ELEVATIONS
- NEW MAGNET SUPPORT
- MRI AND CT EQUIP. ISOCENTER
- ## NEW DOOR TAG
- ## NEW WINDOW TAG
- ## PARTITION YPE TAG
- 5'-0" TURNING RADIUS
- # ACCESSORY KEY SEE SCHEDULE ON SHEET A-400
- 2" WALL CORNER GUARD

KEY PLAN



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GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
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NY 10901

DATE	DRAWN	CHECKED
3/9/2021	LJ	CG

SCALE AS SHOWN

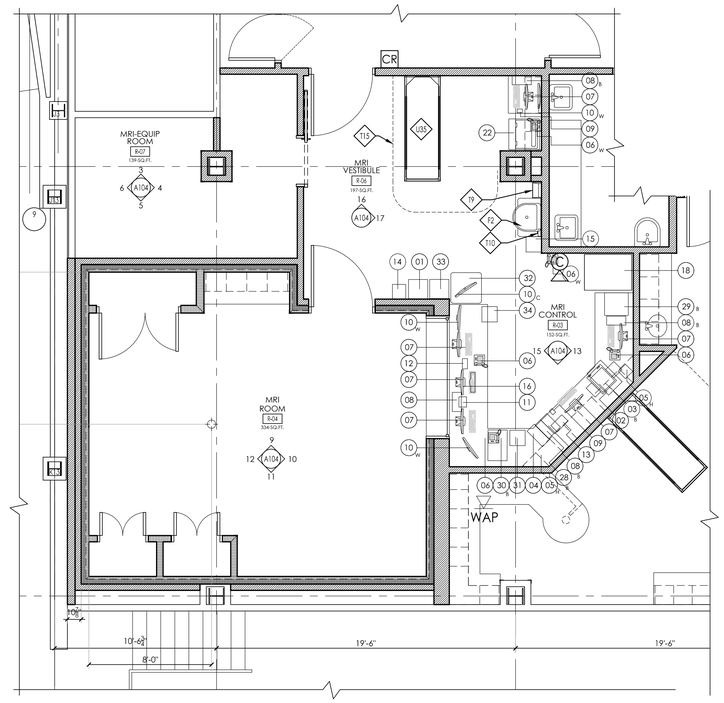
SHEET TITLE
CLEAN STORAGE, OFFICES, TOILETS AND LOCKER ROOMS NEW WORK PLANS

PROJECT NUMBER
15068.00

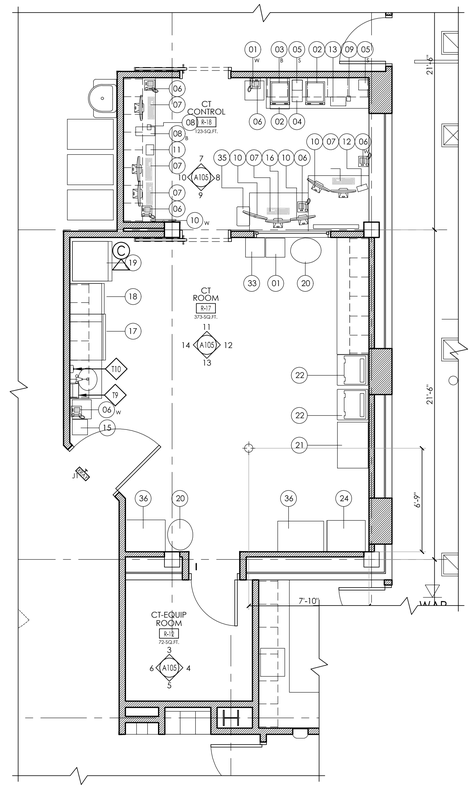
A107
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ARCH\A1\A107 - PART CONSTRUCTION PLANS.dwg
Date last accessed: 3/9/2021 7:38 AM
Date last plotted: 3/9/2021 7:39 AM
Plotted By: Charlene Gabriel



1 A300 MRI ROOM FF&E FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 A300 CT ROOM FF&E LOOR PLAN
SCALE: 1/4" = 1'-0"

CT & MRI ROOMS EQUIPMENT LIST

ID	DESCRIPTION	SIZE
01	TRASH BIN - LARGE WHITE	15" x 15" x 30"
02	LEXMARK PRINTER	18" x 16" x 18"
03	SECURE PAPER CONTAINER	15" x 24" x 22"
04	CD PLAYER	8" x 16" x 12"
05	SPEAKER	9" x 8" x 12"
06	PHONE	*
07	MONITOR & KEYBOARD	*
08	CPU	*
09	BAR CODE SCANNER	3" x 4" x 7"
10	MONITOR	*
11	CANNON SCANNER	9" x 12" x 6"
12	DOSING SCREEN	12" x 8" x 6"
13	FUJITSU SCANNER	12" x 7" x 7"
14	FERROGUARD SCANNER BY PHILIPS	*
15	RED WASTE CAN	12" x 12" x 24"
16	CT CONSOLE KEYBOARD	*
17	FOLLETT MEDICAL REFRIG.	24" x 27" x 34"
18	PYXIS MEDSTATION	28" x 37" x 40"
19	PYXIS TOWER	31" x 31" x 78"
20	LINEN HAMPER	24"
21	MEDICAL CART	28" x 28" x 34"
22	PATIENT MONITOR	24" x 24" x 48"
23	MINOR DEVICE	24" x 24" x 72"
24	RED MEDICAL CART	28" x 28" x 34"
25	WARDROBE RACK	24"
26	UPS	12" x 30" x 48"
27	GE MEDICAL SYSTEMS	28" x 28" x 34"
28	BATTERY BACK UP	*
29	AVANTI REFRIG.	18" x 18" x 25"
30	CONTROL CPU	*
31	MAGNACOUSTICS	12" x 12" x 6"
32	ATEC SAPPHIRE	24" x 24" x 48"
33	RED WASTE CAN - LARGE	15" x 15" x 30"
34	BLUE WASTE CAN	12" x 12" x 24"
35	TRASH CAN	10" x 15" x 24"
36	GC TO PROVIDE NEW MSC 24 MOBILE STORAGE CART BY LOGIQUIP. WITH SOLID DOORS (5) ADJUSTABLE INTERNAL SHELVES, CUSTOM LAMINATE COLOR (TBD) CONTACT: DOMINICK M. CICERCHIA dcicerchia@gmail.com 201-788-8128	24" x 24" x 48"

ABBREVIATIONS:
S = STACKED ON TOP
B = BELOW COUNTER TOP
W = WALL MOUNTED
C = CEILING MOUNTED
H = HIGH SHELF MOUNTED

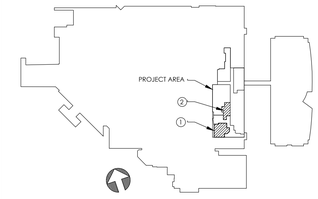
NOTES:
1. SEE DWG A400 FOR FIXTURE & ACCESSORY LEGENDS
2. SEE DWG I100 FOR FINISH SCHEDULE

CR = CARD READER DEVICE BY OWNER - SEE ELECTRIC PLANS FOR PATHS AND BACKBOX

WA = WAVE ACTUATOR

J = IN USE LIGHT - SEE ELECTRIC PLANS

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NY 10901

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SCALE: AS SHOWN

SHEET TITLE
MRI & CT ROOMS
FF&E PLANS

PROJECT NUMBER
15068.00

A300
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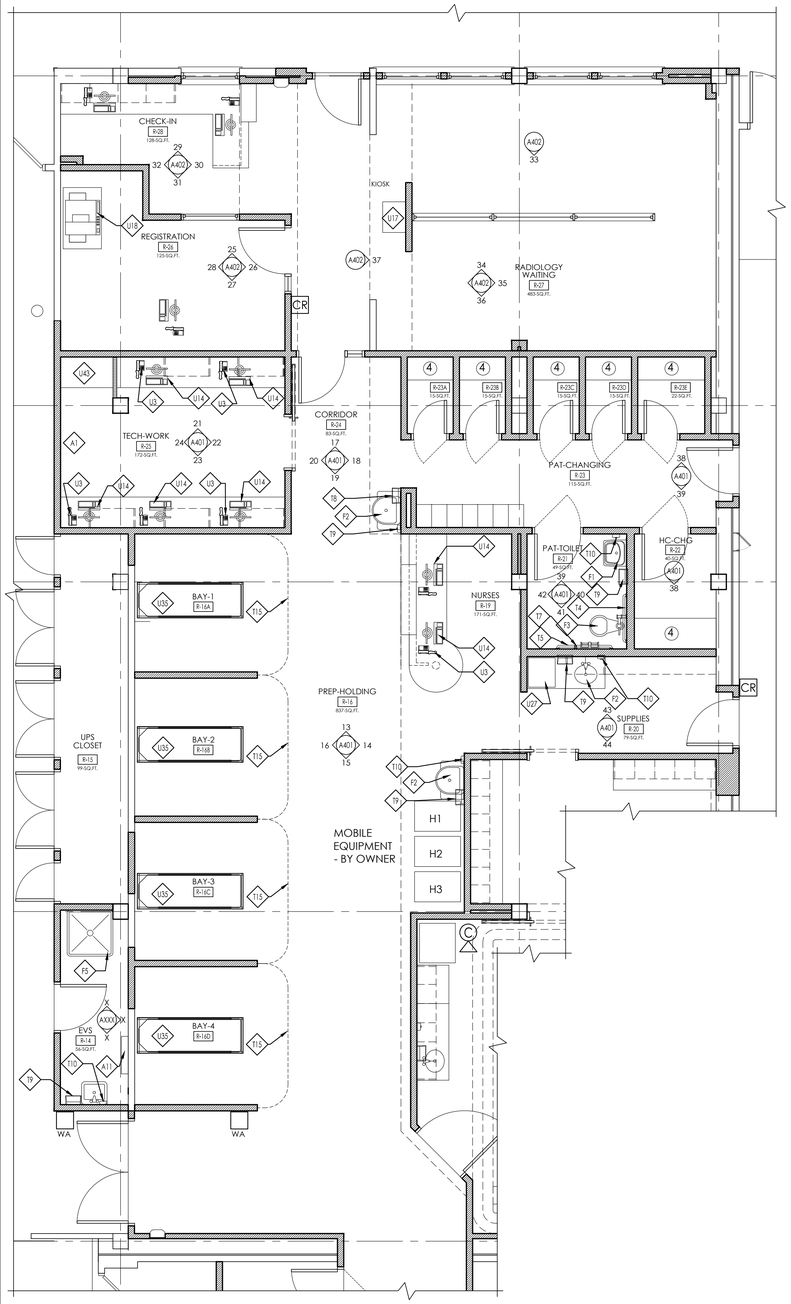
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Date last accessed: 3/7/2021 11:09 AM
Date last plotted: 3/7/2021 11:10 AM
Plotted By: Charlene Gabriel

NOTES:
1. SEE DWG A400 FOR FIXTURE & ACCESSORY LEGENDS
2. SEE DWG I100 FOR FINISH SCHEDULE

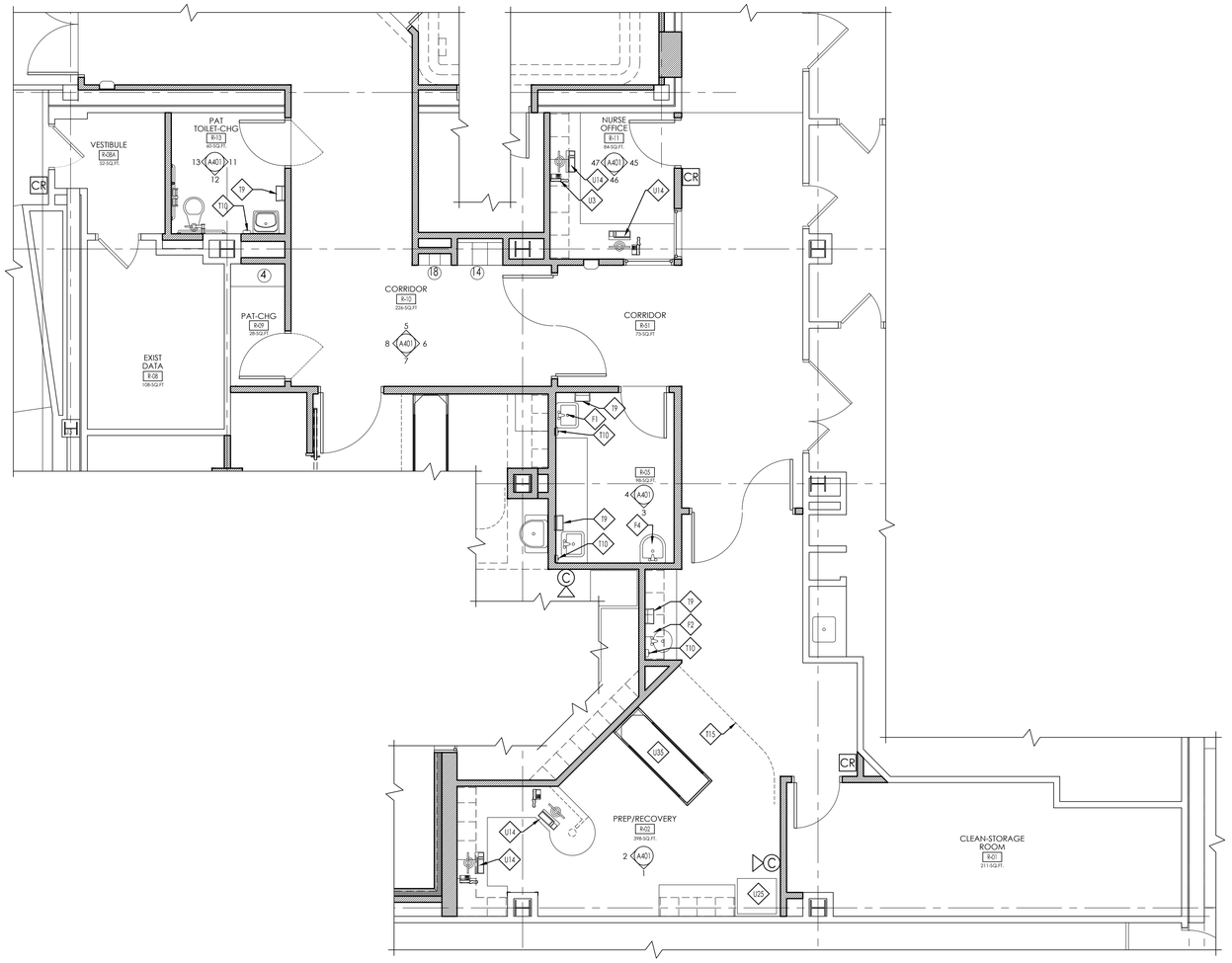
CR = CARD READER DEVICE BY OWNER - SEE ELECTRIC PLANS FOR PATHS AND BACKBOX

WA = WAVE ACTUATOR

J1 = IN USE LIGHT - SEE ELECTRIC PLANS

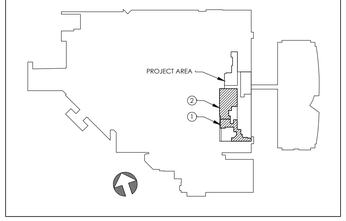


2 A106 INTAKE AND PREP. FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 A106 ROOM 10 PREP / RECOVERY FLOOR PLAN
SCALE: 1/4" = 1'-0"

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DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE: AS SHOWN

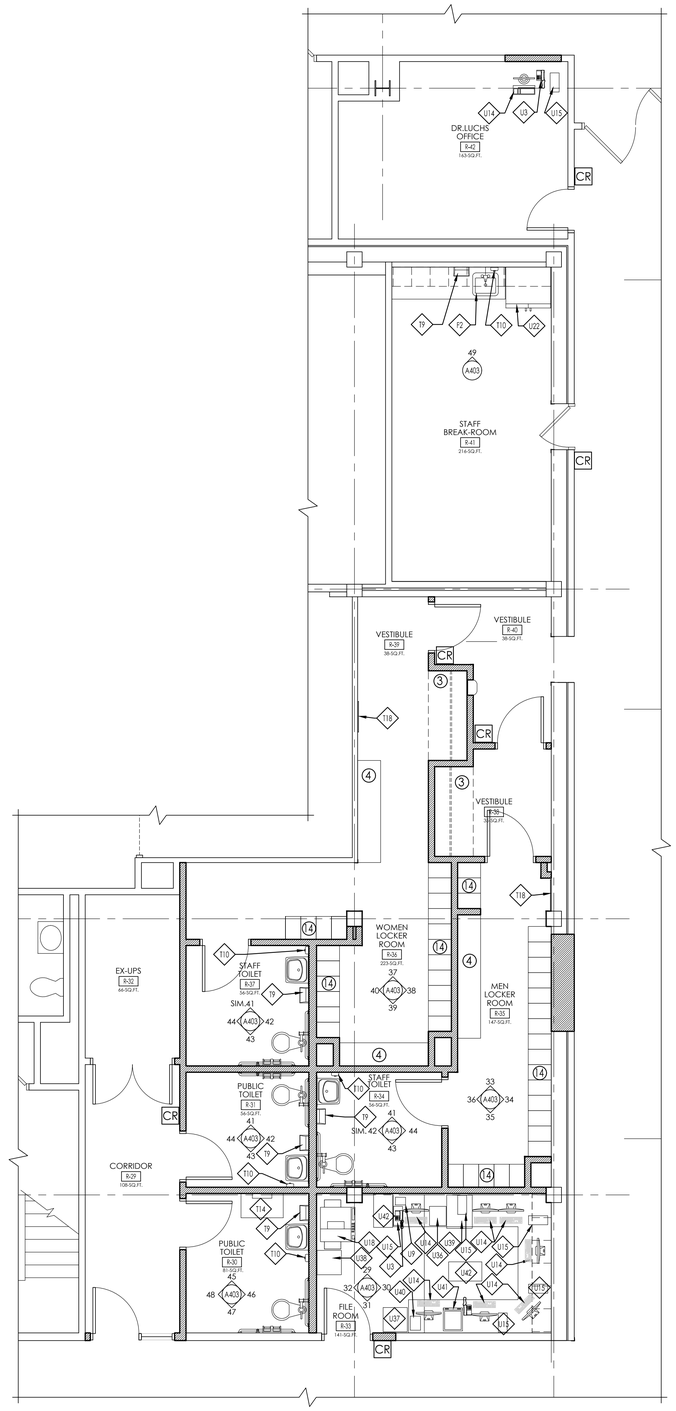
SHEET TITLE
ROOM 10 PREP / RECOVERY, INTAKE AND PREP. FF&E PLANS

PROJECT NUMBER
15068.00

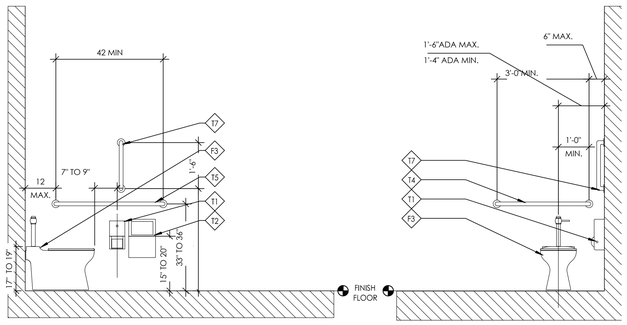
A301
DRAWING NUMBER

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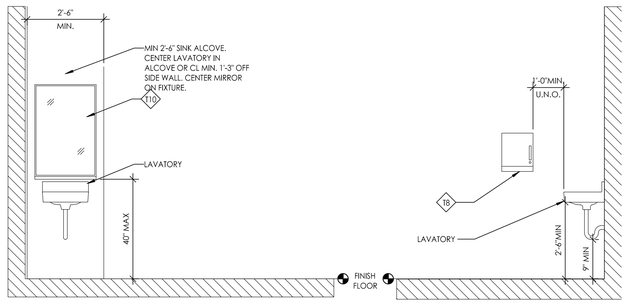
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Date last accessed: 3/9/2021 7:53 AM
Date last plotted: 3/9/2021 7:53 AM
Plotted By: Charlene Gabriel


DR.LUCHS OFFICE
R-42
143 SQ.FT.
CR
SOCK
T9
P2
T10
T02
49
A403
STAFF BREAK-ROOM
R-41
216 SQ.FT.
VESTIBULE
R-39
38 SQ.FT.
VESTIBULE
R-40
38 SQ.FT.
T18
VESTIBULE
R-35
120 SQ.FT.
WOMEN LOCKER ROOM
R-34
225 SQ.FT.
37
40
A403
38
39
MEN LOCKER ROOM
R-33
147 SQ.FT.
EX-UPS
R-32
66 SQ.FT.
T11
STAFF TOILET
R-37
34 SQ.FT.
T9
SIM.41
44
A403
42
43
PUBLIC TOILET
R-31
34 SQ.FT.
41
44
A403
42
43
T9
T10
STAFF TOILET
R-34
34 SQ.FT.
T10
T9
SIM. 42
41
A403
44
43
33
36
A403
34
35
CORRIDOR
R-29
108 SQ.FT.
T14
T9
T12
PUBLIC TOILET
R-30
81 SQ.FT.
45
48
A403
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T57

TYPICAL TOILET AND SHOWER ACCESSORY LOCATIONS



SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)

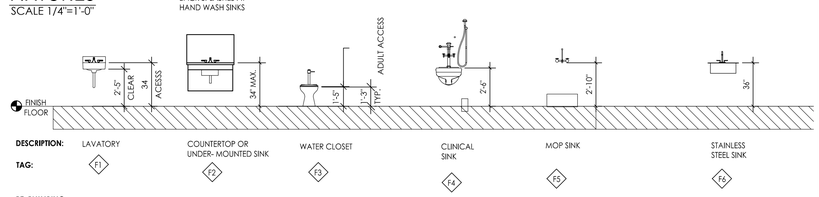


LOCATION AT SINK

SCALE 1/2"=1'-0" (REF. ABOVE FOR TYP. HEIGHTS)

FIXTURES

SCALE 1/4"=1'-0"

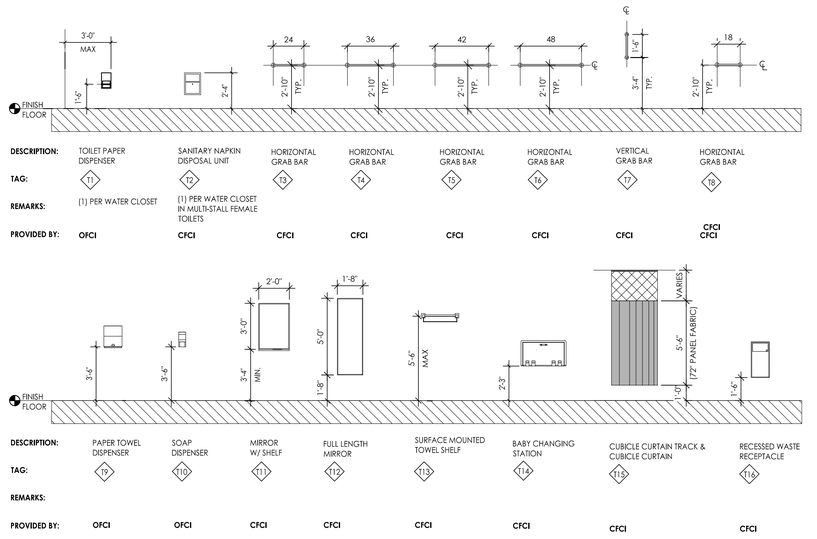


DESCRIPTION:	LAVATORY	COUNTERTOP OR UNDER- MOUNTED SINK	WATER CLOSET	CLINICAL SINK	MOP SINK	STAINLESS STEEL SINK
TAG:	F1	F2	F3	F4	F5	F6

RE: PLUMBING DWGS

TOILET ACCESSORY

SCALE 1/4"=1'-0"



DESCRIPTION:	TOILET PAPER DISPENSER	SANITARY NAPKIN DISPOSAL UNIT	HORIZONTAL GRAB BAR	HORIZONTAL GRAB BAR	HORIZONTAL GRAB BAR	HORIZONTAL GRAB BAR	VERTICAL GRAB BAR	HORIZONTAL GRAB BAR
TAG:	T1	T2	T3	T4	T5	T6	T7	T8
REMARKS:	(1) PER WATER CLOSET	(1) PER WATER CLOSET IN MULTI-STALL FEMALE TOILETS						
PROVIDED BY:	OFCI	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI CFCI

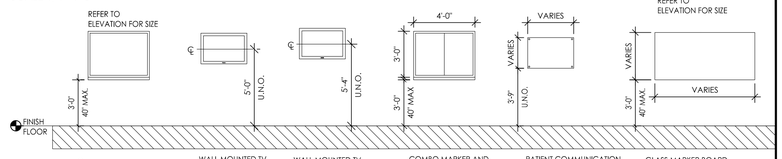
DESCRIPTION:	PAPER TOWEL DISPENSER	SOAP DISPENSER	MIRROR W/ SHELF	FULL LENGTH MIRROR	SURFACE MOUNTED TOWEL SHELF	BABY CHANGING STATION	CUBICLE CURTAIN TRACK & CUBICLE CURTAIN	RECESSED WASTE RECEPTACLE
TAG:	T9	T10	T11	T12	T13	T14	T15	T16
REMARKS:								
PROVIDED BY:	OFCI	OFCI	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI

FURNISHINGS & EQUIPMENT

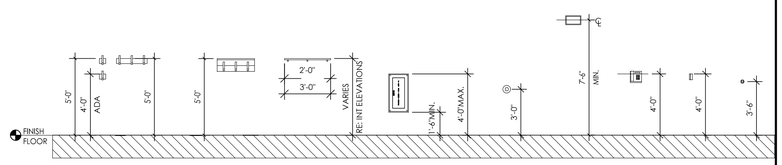
- U1 WASTE BIN (OFOI)
- U2 TABLE (OFOI)
- U3 PHONE (OFOI)
- U4 IV STOCK CART (OFOI)
- U5 IV POLE (OFOI)
- U6 CLEAN ROOM CART (OFOI)
- U7 BIO-HAZARD WASTE (OFOI)
- U8 LABEL MAKER (OFOI)
- U9 SCANNER, DOCUMENT (OFOI)
- U10 SCALE (OFOI)
- U11 DESK (OFOI)
- U12 PC, WORKSTATION (OFOI)
- U13 COMPUTER CART (OFOI)
- U14 MONITOR & KEYBOARD (OFOI)
- U15 CPU
- U16 CHAIR, COORD. W/OWNER FOR TYPE (OFOI)
- U17 CHECK IN KIOSK (OFOI)
- U18 ALL-IN-ONE MULTI-FUNCTION DEVICE (OFOI)
- U19 HIPPA BOX (OFOI)
- U20 CREDIT CARD MACHINE (OFOI)
- U21 UNDER COUNTER REFRIGERATOR (OFOI)
- U22 FULL SIZE REFRIGERATOR (OFVI)
- U23 MICROWAVE (OFOI)
- U24 COFFEE (OFCI)
- U25 PYXIS (OFOI)
- U26 STOOL (OFOI)
- U27 ICE MACHINE (OFCI)
- U28 BLANKET WARMER (OFOI)
- U29 OXYGEN TANK (OFOI)
- U30 OXYGEN CONCENTRATOR (OFOI)
- U31 LINEN CART (OFOI)
- U32 UTILITY CART (OFOI)
- U33 OVERBED TABLE (OFOI)
- U34 SOILED LINEN HAMPER (OFOI)
- U35 HOSPITAL BED (OFOI)
- U36 THINK STATION (OFOI)
- U37 SECURE CD BIN (OFOI)
- U38 SECURE PAPER BIN (OFOI)
- U39 VIDAR DIGITIZER (OFOI)
- U40 BRAVRO DISK BURNER (OFOI)
- U41 LEXMARK PRINTER (OFOI)
- U42 MOBILE FILE CART (OFOI)
- U43 DESKTOP SCANNER, COPIER (OFOI)

ACCESSORIES

SCALE 1/4"=1'-0"



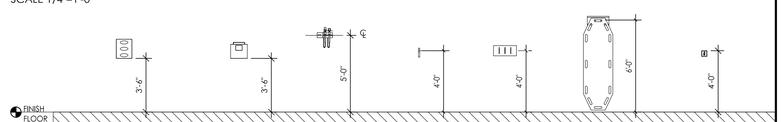
DESCRIPTION:	A1 MARKER BOARD A2 BULLETIN BOARD	WALL MOUNTED TV (GUEST STATIONS)	WALL MOUNTED TV A4 PATIENT & WAITING ROOMS A13 STAFF SPACES	COMBO MARKER AND BULLETIN BOARD	PATIENT COMMUNICATION BOARD A7 GLASS A21 ACRYLIC	GLASS MARKER BOARD
TAG:	A1 A2	A3	A4 A13	A5	A7 A21	A8
REMARKS:						
PROVIDED BY:	CFCI	OFCI	OFCI	CFCI	CFCI	CFCI



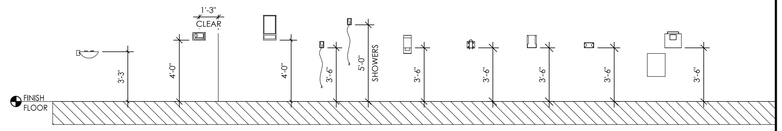
DESCRIPTION:	COAT/ROBE/TOWEL HOOK(S)	MOP + BROOM HOLDER W/ SHELF	STAINLESS STEEL SHELF	FIRE EXTINGUISHER CABINET	WAVE ACTUATOR	CLOCK	WALL PHONE	CARD READER	PANIC BUTTON
TAG:	A9 SINGLE HOOK (TYP. 2) A10 MULTI HOOK	A11	A12 24" WIDE A13 36" WIDE	A6 10 LBS. A14 20 LBS.	A15	A16	A17	A18	A20
REMARKS:		(1) PER JANITOR CLOSET							
PROVIDED BY:	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI	CFCI

MEDICAL EQUIPMENT

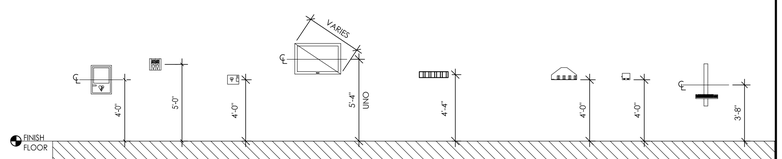
SCALE 1/4"=1'-0"



DESCRIPTION:	GLOVE DISPENSER	SHARPS CONTAINER	OTOSCOPES	AMBU BAG HOOK	LEAD APRON RACK	PATIENT TRANSFER	DUTY STATION
TAG:	E1	E2	E3	E4	E5	E6	E7
PROVIDED BY:	OFCI	OFCI	OFCI	OFCI	OFCI	OFCI	

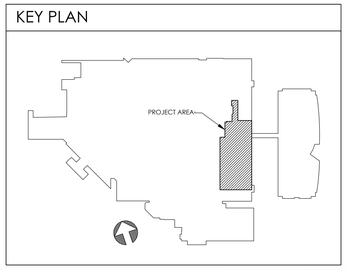


DESCRIPTION:	WALL MOUNT EYE WASH	TIME CLOCK	SCRUB SINK DISPENSER	NURSE CALL PULL	HAND SANITIZER	CAVI-WIPES BRACKET	GOWN DISPENSER	MASK DISPENSER	SHARPS CONTAINER LEAD LINED
TAG:	E8	E9	E10	E11	E12	E13	E14	E15	E16
PROVIDED BY:	CFCI	CFCI	CFCI	CFCI	OFCI	OFCI	OFCI	OFCI	OFCI



DESCRIPTION:	AED CABINET	AED SIGN	AED WALL MOUNTED	MONITOR	MED. GAS	TRANSDUCER RACK	GEL WARMER	EMR STATION
TAG:	E18	E19	E20	E21	E23	E24	E25	E26
PROVIDED BY:	OFOI	OFOI	OFOI	OFCI GC SHALL PROVIDE		OFCI	OFCI	OFCI

KEY PLAN



CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
30 CENTURY HILL DRIVE
SUITE 104
LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS			
NO.	DATE	BY	CHKD	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE AS SHOWN

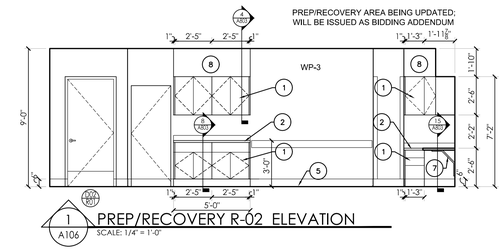
SHEET TITLE
TYPICAL FIXTURE AND ACCESSORIES HEIGHTS LEGENDS

PROJECT NUMBER
15068.00

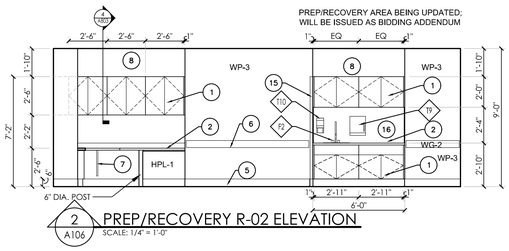
A400
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANITEM IN ANY WAY. IF ANITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

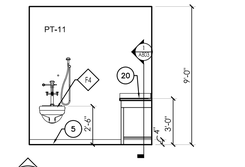
Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\04 CAD\AutoCAD\ARCH\A41\A400- TYPICAL ACCESSORIES HEIGHTS, LEGENDS & NOTES.dwg Date last accessed: 3/8/2021 2:44 PM Date last plotted: 3/8/2021 2:45 PM Plotted By: Ana Pinheiro



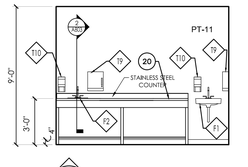
1 A106 PREP/RECOVERY R-02 ELEVATION
SCALE: 1/4" = 1'-0"



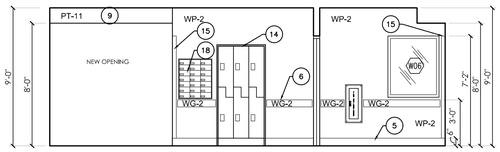
2 A106 PREP/RECOVERY R-02 ELEVATION
SCALE: 1/4" = 1'-0"



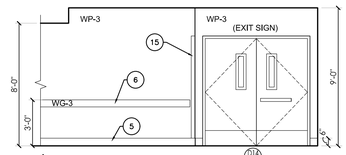
3 A106 SOILED R-05 ELEVATION
SCALE: 1/4" = 1'-0"



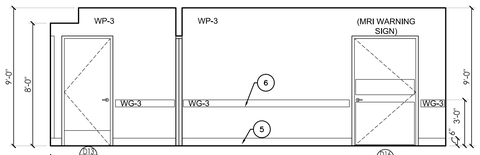
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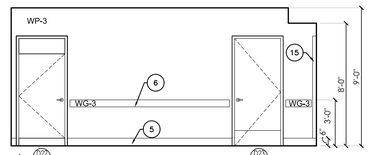
5 A106 CORRIDOR R-10 & R-51 ELEVATION
SCALE: 1/4" = 1'-0"



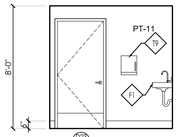
6 A106 CORRIDOR R-10 ELEVATION
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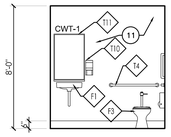
7 A106 CORRIDOR R-10 & R-51 ELEVATION
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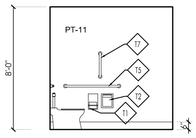
8 A106 CORRIDOR R-10 ELEVATION
SCALE: 1/4" = 1'-0"



11 A106 PAT TLT R-13 ELEV
SCALE: 1/4" = 1'-0"



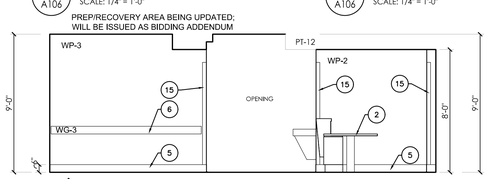
12 A106 PAT TLT R-13 ELEV
SCALE: 1/4" = 1'-0"



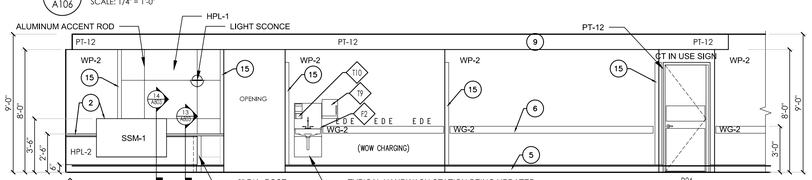
13 A106 PAT TLT R-13 ELEV
SCALE: 1/4" = 1'-0"

ACROVYN WALL COVERING (WP-1) = WHITE
ACROVYN WALL COVERING (WP-2) = FOLKSTONE
ACROVYN WALL COVERING (WP-3) = PARCHMENT

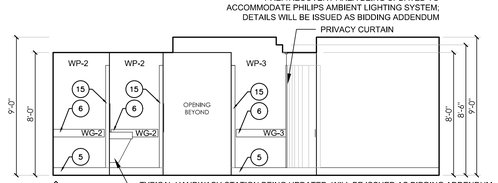
ACROVYN WALL COVERING TO BE FULL HEIGHT (INCLUDING ALL AREAS BEHIND RAILINGS, UNDER COUNTERS AND BEHIND EQUIPMENT).
ACROVYN RAILINGS AND CORNER GUARDS TO MATCH ADJACENT ACROVYN WALL COLOR.
INSTALL ALL ACROVYN PRODUCTS PER MANUFACTURER'S RECOMMENDATIONS



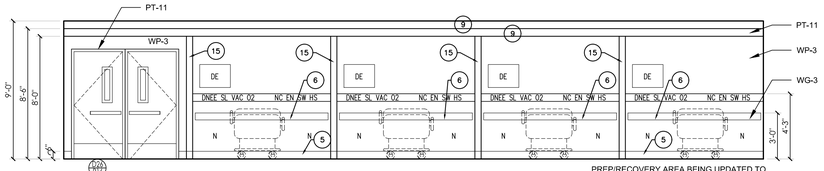
13 A106 PREP-HOLDING R-16 ELEV
SCALE: 1/4" = 1'-0"



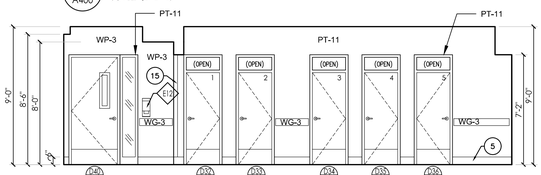
14 A106 PREP-HOLDING R-16 ELEV
SCALE: 1/4" = 1'-0"



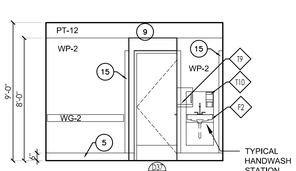
15 A106 PREP-HOLDING R-16 ELEV
SCALE: 1/4" = 1'-0"



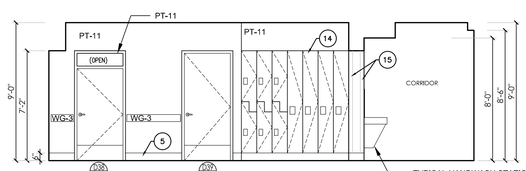
16 A400 PRE-HOLDING ELEV
SCALE: 1/4" = 1'-0"



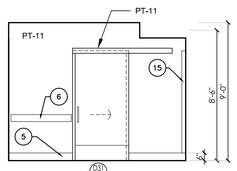
17 A106 CORRIDOR R-24 & PAT-CHANGING R-23 ELEV
SCALE: 1/4" = 1'-0"



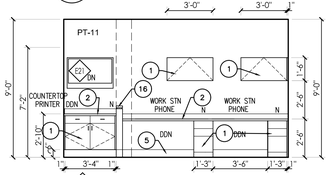
18 A106 CORRIDOR R-24 & R-23 ELEV
SCALE: 1/4" = 1'-0"



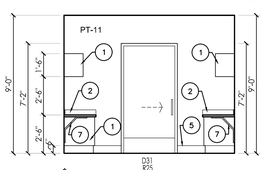
19 A106 CORRIDOR R-24 & PAT-CHANGING R-23 ELEV
SCALE: 1/4" = 1'-0"



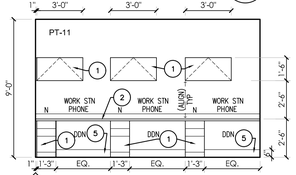
20 A106 CORRIDOR R-24 ELEV
SCALE: 1/4" = 1'-0"



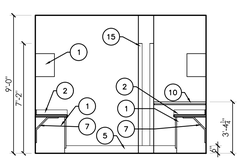
21 A106 TECH WORK ELEV
SCALE: 1/4" = 1'-0"



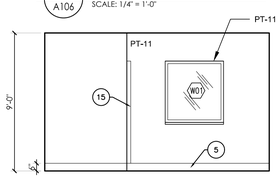
22 A106 TECH WORK ELEV
SCALE: 1/4" = 1'-0"



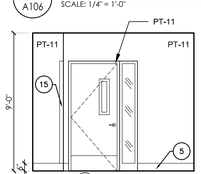
23 A106 TECH WORK ELEV
SCALE: 1/4" = 1'-0"



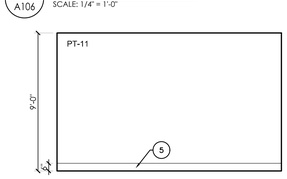
24 A106 TECH WORK ELEV
SCALE: 1/4" = 1'-0"



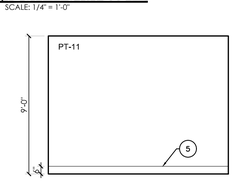
25 A106 REGISTRATION R-26 ELEVATION
SCALE: 1/4" = 1'-0"



26 A106 REGISTRATION R-26 ELEV
SCALE: 1/4" = 1'-0"



27 A106 REGISTRATION R-26 ELEVATION
SCALE: 1/4" = 1'-0"



28 A106 REGISTRATION R-26 ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL INTERIOR NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. EASED CORNERS AT ALL COUNTERTOPS. (TYPICAL)
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES. OWNER FURNISHED MODULAR CASEWORK, AND OWNER FURNISHED MEDICAL EQUIPMENT.
4. REFER TO SHEET A400 FOR FF&E LEGENDS. TOILET FIXTURES, ALL TOILET ROOM ACCESSORIES PROVIDED BY OWNER AND MOUNTING HEIGHTS.
5. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
6. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
7. PROVIDE HEAVY DUTY SUPPORT BRACKETS AT WORK SURFACES, 48" MAX BETWEEN BRACKETS UNLESS OTHERWISE NOTED.
8. ALL WALL CABINETS ARE 15" DEEP UNLESS NOTED OTHERWISE.
9. ALL BASE CABINETS ARE 24" DEEP UNLESS NOTED OTHERWISE.
10. LOCKABLE MILLWORK INDICATED ON INTERIOR ELEVATIONS.
11. SEE ROOM FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
12. REFER TO SHEET A103 FOR CEILING HEIGHTS.
13. REFER TO A300'S DWGS. FOR FIXTURES, ACCESSORIES AND EQUIPMENTS LOCATIONS.
13. REFER TO SHEET I100 FOR FINISH SCHEDULE.
14. REFER TO A800S DWGS. FOR MILLWORK DETAILS.
15. COORDINATE ALL MILLWORK IN CT RM & CT CONTROL RM WITH PHILIPS EQUIPS.
16. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
17. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
18. GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT
19. REFER TO A100S DWGS. FOR WALL PROTECTION LOCATIONS.

INTERIOR ELEVATION KEY NOTES

1. MILLWORK TO BE HIGH PRESSURE LAMINATE (HPL). REFER TO A800'S AND INTERIOR DWGS.
1A. MILLWORK TO BE SOLID SURFACE. REFER TO SHEET A803 AND INTERIOR DWGS.
2. COUNTER TO BE SOLID SURFACE. REFER TO A800'S AND INTERIOR DWGS.
3. COAT ROD AND SHELF. REFER TO SHEET A804 FOR DETAIL .
4. SOLID WOOD TOP BUILT-IN BENCH (SEALED; TO MATCH DOOR STAIN COLOR) REFER TO SHEET A804 FOR DETAIL.
5. SCHEDULED BASE
6. SCHEDULED WALL PROTECTION. REFER TO 1' SERIES DWGS.
7. HEAVY DUTY SUPPORT BRACKET.
8. GWB/METAL STUD SOFFIT; LAMINATED FASCIA PANEL WITH MATERIAL, PATTERN & GRAIN TO MATCH CABINETS.
9. GWB/METAL STUD SOFFIT/BULKHEAD; PAINTED.
10. HALF WALL WITH SOLID SURFACE CAP. REFER TO 6/A800 DWG.
11. CERAMIC TILE WALL FINISH AND SCHED WALL BASE. REFER TO 1' SERIES DWGS.
12. COUNTER TO BE STAINLESS STEEL. REFER TO A800'S AND INTERIOR DWGS.
13. FINISHED END PANEL
14. LOCKERS (CFCI) SEE SHEET A804 FOR DETAIL.
15. CORNER GUARDS (TO TOP OF DOOR FRAME; TYP. AT ALL OUTSIDE CORNERS)
16. SOLID SURFACE BACKSPLASH (FULL HEIGHT IN WET AREAS WHERE SHOWN)
17. VERTICAL SPLASH GUARD; 3/4" SOLID SURFACE
18. CELL PHONE LOCKERS
19. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION, ARMOR, STRETCHER & 12" KICK PLATES AS SHOWN (TO MATCH OWNER REQUIREMENTS)

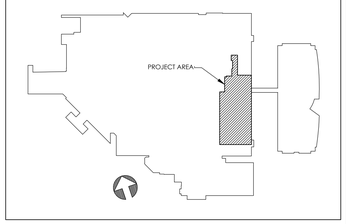
INTERIOR ELEVATION LEGEND

OUTLET LOCATIONS SHOWN ARE APPROXIMATE:GC/EC TO COORDINATE EXACT OUTLET LOCATIONS WITH PHILIPS INSTALLATION REQUIREMENTS IN FIELD.

N = NORMAL POWER
E = EMERGENCY POWER
D = DATA
P = PHILIPS VIDEO CONNECTION BOX

NOTES:
1. SEE DWG A400 FOR FIXTURE & ACCESSORY LEGENDS
2. SEE DWG I100 FOR FINISH SCHEDULE

KEY PLAN



CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
30 CENTURY HILL DRIVE
SUITE 104
LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE AS SHOWN

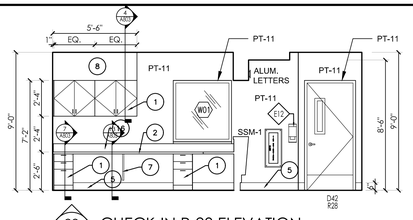
SHEET TITLE
INTERIOR ELEVATIONS

PROJECT NUMBER
15068.00

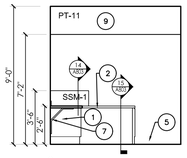
A401
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

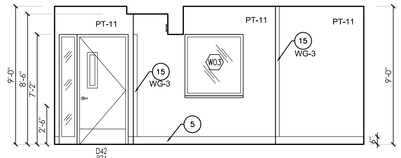
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Date last accessed: 3/8/2021 5:12 PM
Date last plotted: 3/8/2021 5:13 PM
Plotted By: Ana Pinheiro



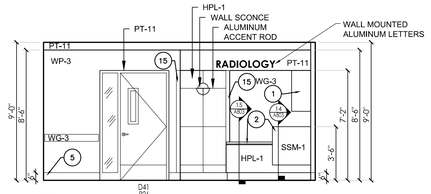
29 A106 CHECK-IN R-28 ELEVATION
SCALE: 1/4" = 1'-0"



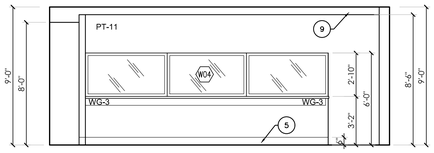
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SCALE: 1/4" = 1'-0"



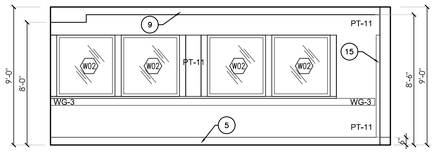
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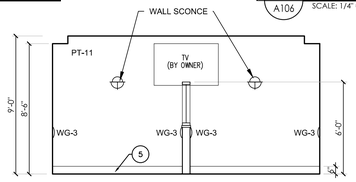
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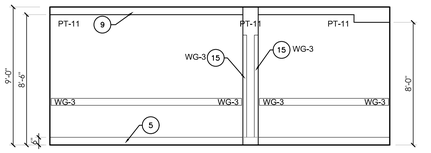
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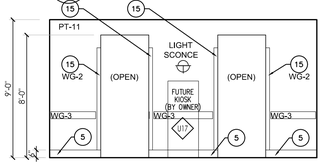
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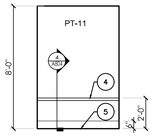
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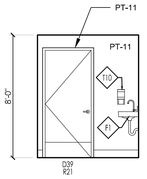


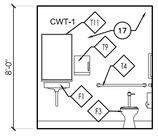
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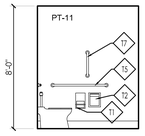


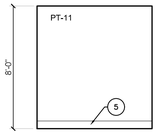
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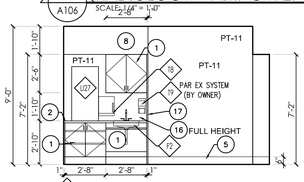




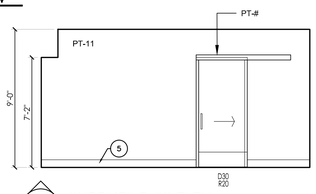




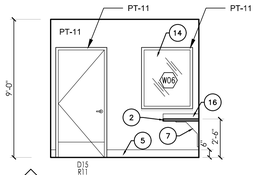




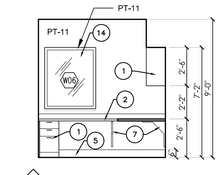
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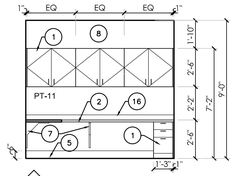
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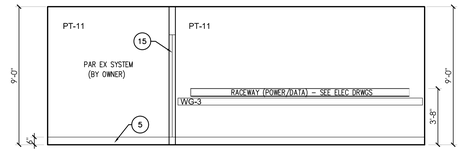
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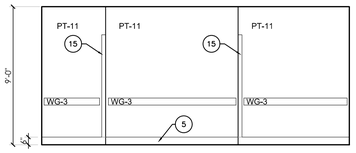
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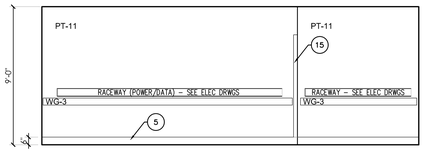
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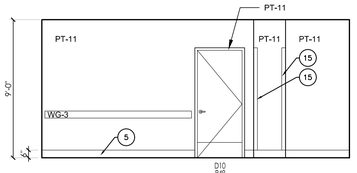
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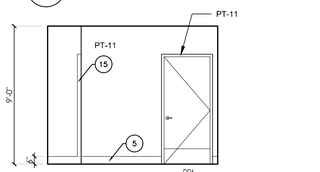
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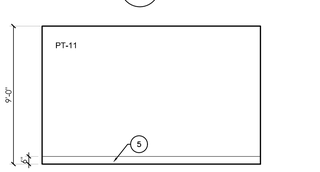
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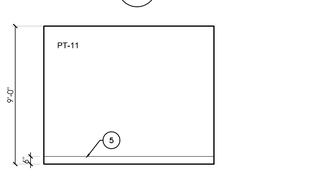
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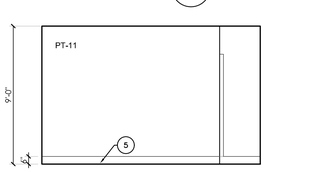
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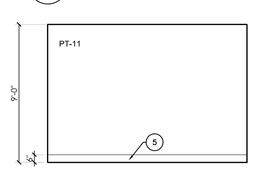
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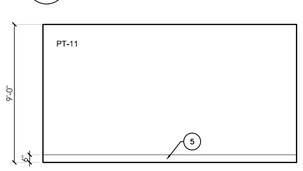
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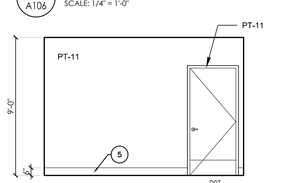
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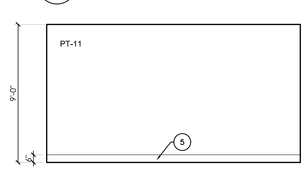
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SCALE: 1/4" = 1'-0"



10 A107 BILLING OFFICE R-48 ELEV
SCALE: 1/4" = 1'-0"



11 A107 BILLING OFFICE R-48 ELEV
SCALE: 1/4" = 1'-0"



12 A107 BILLING OFFICE R-48 ELEV
SCALE: 1/4" = 1'-0"

GENERAL INTERIOR NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. EASED CORNERS AT ALL COUNTERTOPS. (TYPICAL)
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES. OWNER FURNISHED MODULAR CASEWORK, AND OWNER FURNISHED MEDICAL EQUIPMENT.
4. REFER TO SHEET A400 FOR FF&E LEGENDS. TOILET FIXTURES, ALL TOILET ROOM ACCESSORIES PROVIDED BY OWNER AND MOUNTING HEIGHTS.
5. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
6. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
7. PROVIDE HEAVY DUTY SUPPORT BRACKETS AT WORK SURFACES, 48" MAX BETWEEN BRACKETS UNLESS OTHERWISE NOTED.
8. ALL WALL CABINETS ARE 15" DEEP UNLESS NOTED OTHERWISE.
9. ALL BASE CABINETS ARE 24" DEEP UNLESS NOTED OTHERWISE.
10. LOCKABLE MILLWORK INDICATED ON INTERIOR ELEVATIONS.
11. SEE ROOM FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
12. REFER TO SHEET A103 FOR CEILING HEIGHTS.
13. REFER TO A300S DWGS. FOR FIXTURES, ACCESSORIES AND EQUIPMENTS LOCATIONS.
13. REFER TO SHEET I100 FOR FINISH SCHEDULE.
14. REFER TO A800S DWGS. FOR MILLWORK DETAILS.
15. COORDINATE ALL MILLWORK IN CT RM & CT CONTROL RM WITH PHILIPS EQUIPS.
16. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
17. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
18. GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT
19. REFER TO A100S DWGS. FOR WALL PROTECTION LOCATIONS.

INTERIOR ELEVATION KEY NOTES

1. MILLWORK TO BE HIGH PRESSURE LAMINATE (HPL). REFER TO A800'S AND INTERIOR DWGS.
1A. MILLWORK TO BE SOLID SURFACE. REFER TO SHEET A803 AND INTERIOR DWGS.
2. COUNTER TO BE SOLID SURFACE. REFER TO A800'S AND INTERIOR DWGS.
3. COAT ROD AND SHELF. REFER TO SHEET A804 FOR DETAIL .
4. SOLID WOOD TOP BUILT-IN BENCH (SEALED; TO MATCH DOOR STAIN COLOR) REFER TO SHEET A804 FOR DETAIL.
5. SCHEDULED BASE
6. SCHEDULED WALL PROTECTION. REFER TO 1' SERIES DWGS.
7. HEAVY DUTY SUPPORT BRACKET.
8. GWB/METAL STUD SOFFIT: LAMINATED FASCIA PANEL WITH MATERIAL, PATTERN & GRAIN TO MATCH CABINETS.
9. GWB/METAL STUD SOFFIT/BULKHEAD; PAINTED.
10. HALF WALL WITH SOLID SURFACE CAP. REFER TO 6/A800 DWG.
11. CERAMIC TILE WALL FINISH AND SCHED WALL BASE. REFER TO 1' SERIES DWGS.
12. COUNTER TO BE STAINLESS STEEL. REFER TO A800'S AND INTERIOR DWGS.
13. FINISHED END PANEL
14. LOCKERS (CFCI) SEE SHEET A804 FOR DETAIL.
15. CORNER GUARDS (TO TOP OF DOOR FRAME; TYP. AT ALL OUTSIDE CORNERS)
16. SOLID SURFACE BACKSPLASH (FULL HEIGHT IN WET AREAS WHERE SHOWN)
17. VERTICAL SPLASH GUARD; 3/4" SOLID SURFACE
18. CELL PHONE LOCKERS
19. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION. ARMOR, STRETCHER & 12" KICK PLATES AS SHOWN (TO MATCH OWNER REQUIREMENTS)

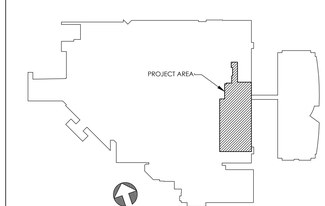
INTERIOR ELEVATION LEGEND

OUTLET LOCATIONS SHOWN ARE APPROXIMATE;GC/EC TO COORDINATE EXACT OUTLET LOCATIONS WITH PHILIPS INSTALLATION REQUIREMENTS IN FIELD.

N = NORMAL POWER
E = EMERGENCY POWER
D = DATA
= PHILIPS VIDEO CONNECTION BOX

NOTES:
1. SEE DWG A400 FOR FIXTURE & ACCESSORY LEGENDS
2. SEE DWG I100 FOR FINISH SCHEDULE

KEY PLAN



CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING
30 CENTURY HILL DRIVE
SUITE 104
LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE AS SHOWN

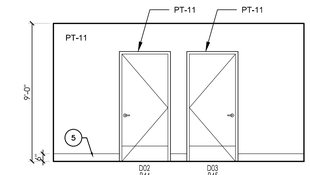
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INTERIOR ELEVATIONS

PROJECT NUMBER
15068.00

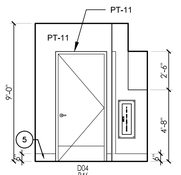
A402
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL, AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

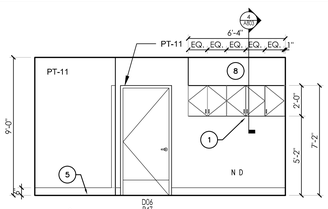
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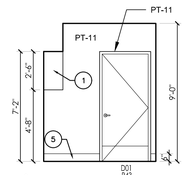
13 A107 RECEPTION R-43 ELEV
SCALE: 1/4" = 1'-0"



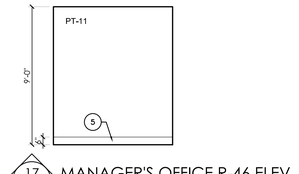
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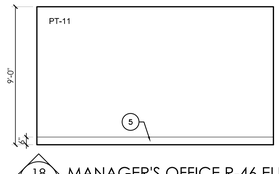
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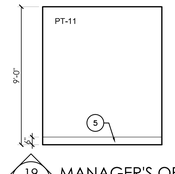
16 A107 RECEPTION R-43 ELEV
SCALE: 1/4" = 1'-0"



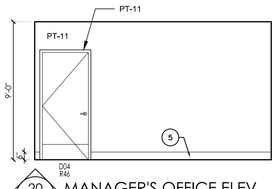
17 A107 MANAGER'S OFFICE R-46 ELEV
SCALE: 1/4" = 1'-0"



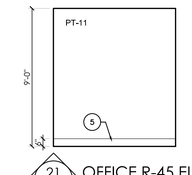
18 A107 MANAGER'S OFFICE R-46 ELEV
SCALE: 1/4" = 1'-0"



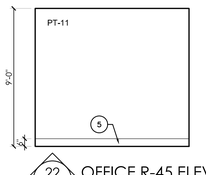
19 A107 MANAGER'S OFFICE ELEV
SCALE: 1/4" = 1'-0"



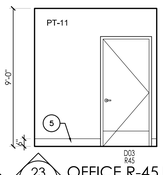
20 A107 MANAGER'S OFFICE ELEV
SCALE: 1/4" = 1'-0"



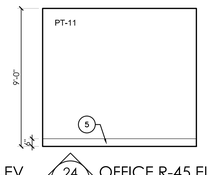
21 A107 OFFICE R-45 ELEV
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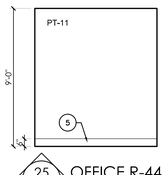
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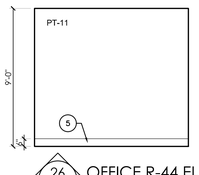
23 A107 OFFICE R-45 ELEV
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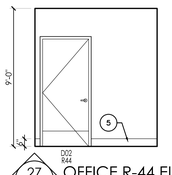
24 A107 OFFICE R-45 ELEV
SCALE: 1/4" = 1'-0"



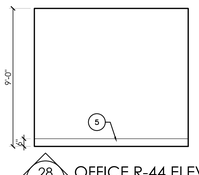
25 A107 OFFICE R-44 ELEV
SCALE: 1/4" = 1'-0"



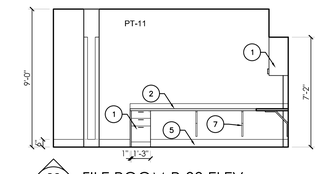
26 A107 OFFICE R-44 ELEV
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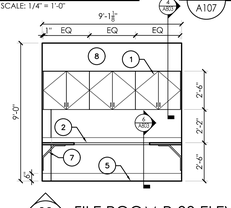
27 A107 OFFICE R-44 ELEV
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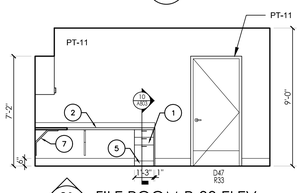
28 A107 OFFICE R-44 ELEV
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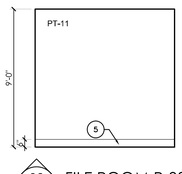
29 A107 FILE ROOM R-33 ELEV
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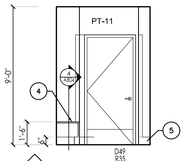
30 A107 FILE ROOM R-33 ELEV
SCALE: 1/4" = 1'-0"



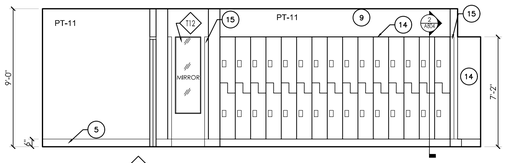
31 A107 FILE ROOM R-33 ELEV
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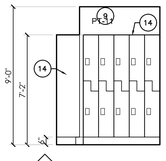
32 A107 FILE ROOM R-33 ELEV
SCALE: 1/4" = 1'-0"



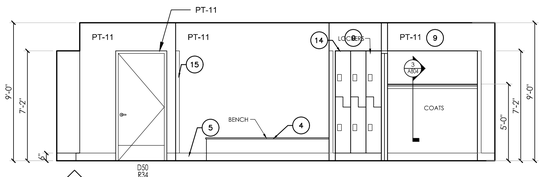
33 A107 MEN'S LOCKER RM R-35 ELEV
SCALE: 1/4" = 1'-0"



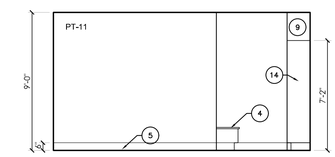
34 A107 MEN'S LOCKER RM R-35 ELEV
SCALE: 1/4" = 1'-0"



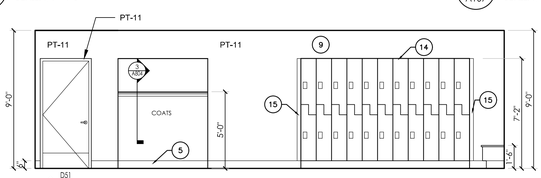
35 A107 MEN'S LOCKER RM R-35 ELEV
SCALE: 1/4" = 1'-0"



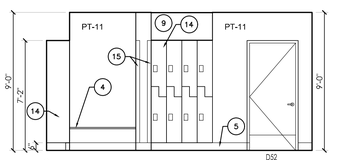
36 A107 MEN'S LOCKER RM R-35 ELEV
SCALE: 1/4" = 1'-0"



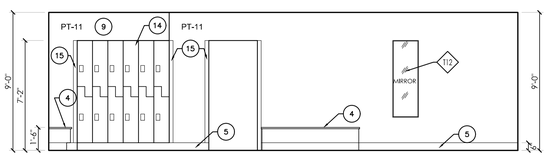
37 A107 WOMEN'S LOCKER RM R-36 ELEV
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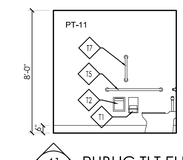
38 A107 WOMEN'S LOCKER RM R-36 ELEV
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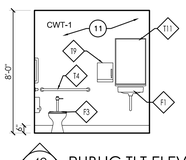
39 A107 WOMEN'S LOCKER RM R-36 ELEV
SCALE: 1/4" = 1'-0"



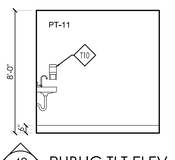
40 A107 WOMEN'S LOCKER RM R-36 ELEV
SCALE: 1/4" = 1'-0"



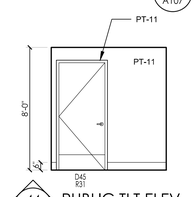
41 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



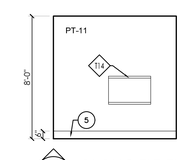
42 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



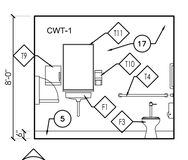
43 A107 PUBLIC TLT ELEV
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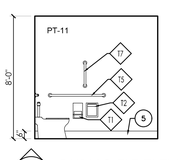
44 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



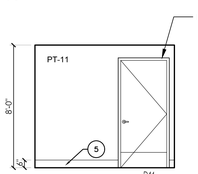
45 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



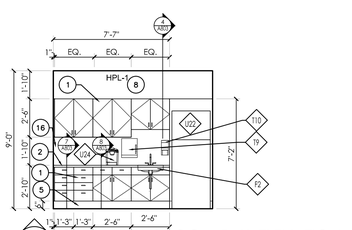
46 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



47 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



48 A107 PUBLIC TLT ELEV
SCALE: 1/4" = 1'-0"



49 A107 STAFF BREAK ROOM R-41 ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL INTERIOR NOTES

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. EASED CORNERS AT ALL COUNTERTOPS. (TYPICAL)
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES, OWNER FURNISHED MODULAR CASEWORK, AND OWNER FURNISHED MEDICAL EQUIPMENT.
4. REFER TO SHEET A400 FOR FF&E LEGENDS, TOILET FIXTURES, ALL TOILET ROOM ACCESSORIES PROVIDED BY OWNER AND MOUNTING HEIGHTS.
5. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
6. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
7. PROVIDE HEAVY DUTY SUPPORT BRACKETS AT WORK SURFACES, 48" MAX BETWEEN BRACKETS UNLESS OTHERWISE NOTED.
8. ALL WALL CABINETS ARE 15" DEEP UNLESS NOTED OTHERWISE.
9. ALL BASE CABINETS ARE 24" DEEP UNLESS NOTED OTHERWISE.
10. LOCKABLE MILLWORK INDICATED ON INTERIOR ELEVATIONS.
11. SEE ROOM FINISH SCHEDULE AND COLOR LEGEND FOR FINISHES.
12. REFER TO SHEET A103 FOR CEILING HEIGHTS.
13. REFER TO A300S DWGS. FOR FIXTURES, ACCESSORIES AND EQUIPMENTS LOCATIONS.
13. REFER TO SHEET I100 FOR FINISH SCHEDULE.
14. REFER TO A800S DWGS. FOR MILLWORK DETAILS.
15. COORDINATE ALL MILLWORK IN CT RM & CT CONTROL RM WITH PHILIPS EQUIPS.
16. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
17. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
18. GROMMETS TO BE INSTALLED IN FIELD AND COORDINATED WITH I.T. EQUIPMENT
19. REFER TO A100S DWGS. FOR WALL PROTECTION LOCATIONS.

INTERIOR ELEVATION KEY NOTES

1. MILLWORK TO BE HIGH PRESSURE LAMINATE (HPL). REFER TO A800'S AND INTERIOR DWGS.
1A. MILLWORK TO BE SOLID SURFACE. REFER TO SHEET A803 AND INTERIOR DWGS.
2. COUNTER TO BE SOLID SURFACE. REFER TO A800'S AND INTERIOR DWGS.
3. COAT ROD AND SHELF. REFER TO SHEET A804 FOR DETAIL .
4. SOLID WOOD TOP BUILT-IN BENCH (SEALED; TO MATCH DOOR STAIN COLOR) REFER TO SHEET A804 FOR DETAIL.
5. SCHEDULED BASE
6. SCHEDULED WALL PROTECTION. REFER TO 'I' SERIES DWGS.
7. HEAVY DUTY SUPPORT BRACKET.
8. GWB/METAL STUD SOFFIT; LAMINATED FASCIA PANEL WITH MATERIAL, PATTERN & GRAIN TO MATCH CABINETS.
9. GWB/METAL STUD SOFFIT/BULKHEAD; PAINTED.
10. HALF WALL WITH SOLID SURFACE CAP. REFER TO 6/A800 DWG.
11. CERAMIC TILE WALL FINISH AND SCHED WALL BASE. REFER TO 'I' SERIES DWGS.
12. COUNTER TO BE STAINLESS STEEL. REFER TO A800'S AND INTERIOR DWGS.
13. FINISHED END PANEL
14. LOCKERS (CFCI) SEE SHEET A804 FOR DETAIL.
15. CORNER GUARDS (TO TOP OF DOOR FRAME; TYP. AT ALL OUTSIDE CORNERS)
16. SOLID SURFACE BACKSPLASH (FULL HEIGHT IN WET AREAS WHERE SHOWN)
17. VERTICAL SPLASH GUARD; 3/4" SOLID SURFACE
18. CELL PHONE LOCKERS
19. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION, ARMOR, STRETCHER & 12" KICK PLATES AS SHOWN (TO MATCH OWNER REQUIREMENTS)

INTERIOR ELEVATION LEGEND

OUTLET LOCATIONS SHOWN ARE APPROXIMATE;GC/EC TO COORDINATE EXACT OUTLET LOCATIONS WITH PHILIPS INSTALLATION REQUIREMENTS IN FIELD.

N = NORMAL POWER

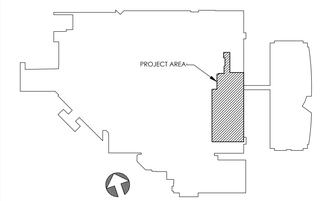
E =EMERGENCY POWER

D =DATA

D =PHILIPS VIDEO CONNECTION BOX

NOTES:
1. SEE DWG A400 FOR FIXTURE & ACCESSORY LEGENDS
2. SEE DWG I100 FOR FINISH SCHEDULE

KEY PLAN



CPLteam.com
ARCHITECTURE + ENGINEERING + PLANNING

30 CENTURY HILL DRIVE
SUITE 104
LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE AS SHOWN

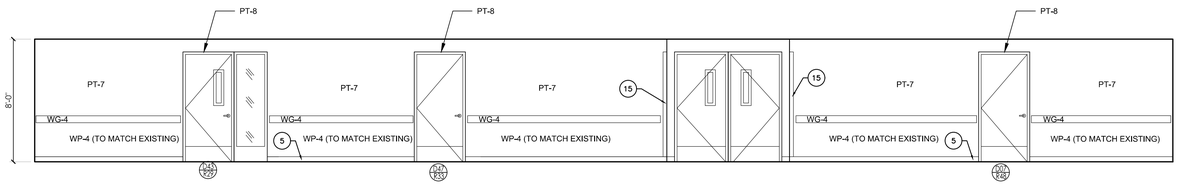
SHEET TITLE
INTERIOR ELEVATIONS

PROJECT NUMBER
15068.00

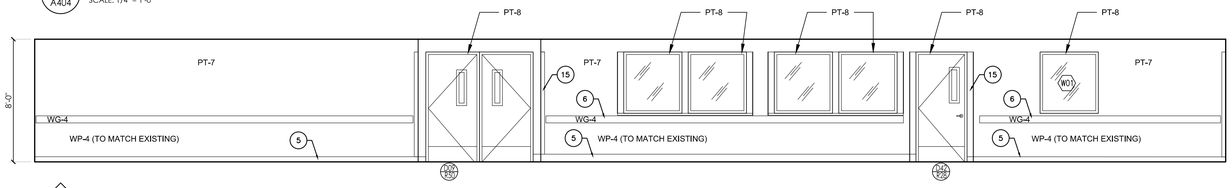
A403
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

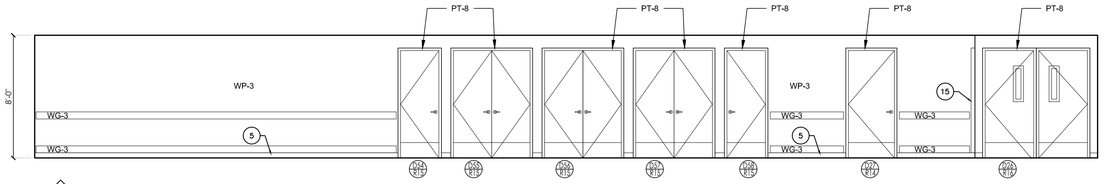
Drawing Names: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ARCH\A41-A403- INTERIOR ELEVATIONS.dwg Date last accessed: 3/8/2021 5:21 PM Date last plotted: 3/8/2021 5:22 PM Plotted By: Ana Pinheiro



1 A404 CORRIDOR ELEVATION
SCALE: 1/4" = 1'-0"



2 A404 CORRIDOR ELEVATION
SCALE: 1/4" = 1'-0"



3 A404 CORRIDOR ELEVATION
SCALE: 1/4" = 1'-0"

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INTERIOR ELEVATION KEY NOTES

1. MILLWORK TO BE HIGH PRESSURE LAMINATE (HPL). REFER TO A800'S AND INTERIOR DWGS.
1A. MILLWORK TO BE SOLID SURFACE. REFER TO SHEET A803 AND INTERIOR DWGS.
2. COUNTER TO BE SOLID SURFACE. REFER TO A800'S AND INTERIOR DWGS.
3. COAT ROD AND SHELF. REFER TO SHEET A804 FOR DETAIL .
4. SOLID WOOD TOP BUILT-IN BENCH (SEALED; TO MATCH DOOR STAIN COLOR) REFER TO SHEET A804 FOR DETAIL.
5. SCHEDULED BASE
6. SCHEDULED WALL PROTECTION. REFER TO 'I' SERIES DWGS.
7. HEAVY DUTY SUPPORT BRACKET.
8. GWB/METAL STUD SOFFIT; LAMINATED FASCIA PANEL WITH MATERIAL, PATTERN & GRAIN TO MATCH CABINETS.
9. GWB/METAL STUD SOFFIT/BULKHEAD; PAINTED.
10. HALF WALL WITH SOLID SURFACE CAP. REFER TO 6/A800 DWG.
11. CERAMIC TILE WALL FINISH AND SCHED WALL BASE. REFER TO 'I' SERIES DWGS.
12. COUNTER TO BE STAINLESS STEEL. REFER TO A800'S AND INTERIOR DWGS.
13. FINISHED END PANEL
14. LOCKERS (CFCI) SEE SHEET A804 FOR DETAIL.
15. CORNER GUARDS (TO TOP OF DOOR FRAME; TYP. AT ALL OUTSIDE CORNERS)
16. SOLID SURFACE BACKSPLASH (FULL HEIGHT IN WET AREAS WHERE SHOWN)
17. VERTICAL SPLASH GUARD; 3/4" SOLID SURFACE
18. CELL PHONE LOCKERS
19. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION, ARMOR, STRETCHER & 12" KICK PLATES AS SHOWN (TO MATCH OWNER REQUIREMENTS)

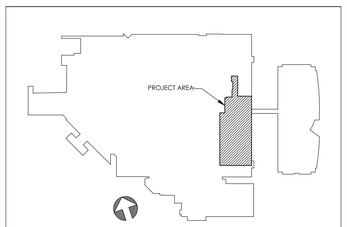
INTERIOR ELEVATION LEGEND

OUTLET LOCATIONS SHOWN ARE APPROXIMATE;GC/EC TO COORDINATE EXACT OUTLET LOCATIONS WITH PHILIPS INSTALLATION REQUIREMENTS IN FIELD.

N = NORMAL POWER
E =EMERGENCY POWER
D =DATA
P =PHILIPS VIDEO CONNECTION BOX

NOTES:
1. SEE DWG A400 FOR FIXTURE & ACCESSORY LEGENDS
2. SEE DWG I100 FOR FINISH SCHEDULE

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255 LAFAYETTE AVENUE
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NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE AS SHOWN

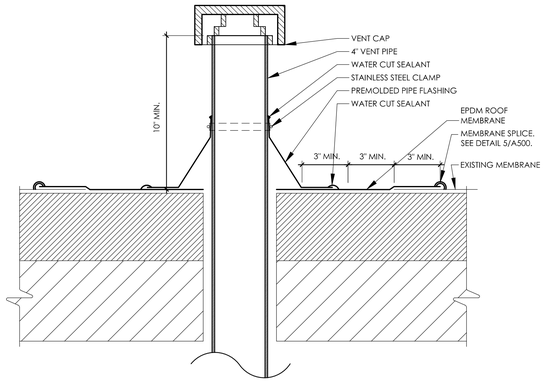
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INTERIOR ELEVATIONS

PROJECT NUMBER
15068.00

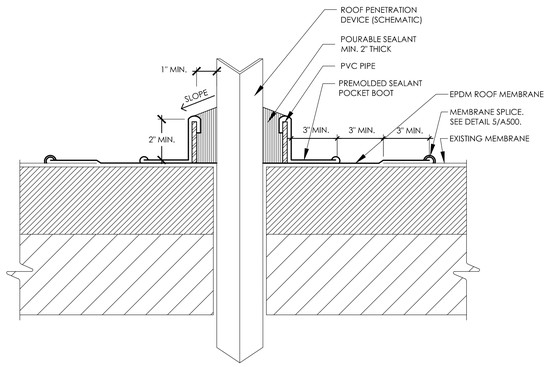
A404
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

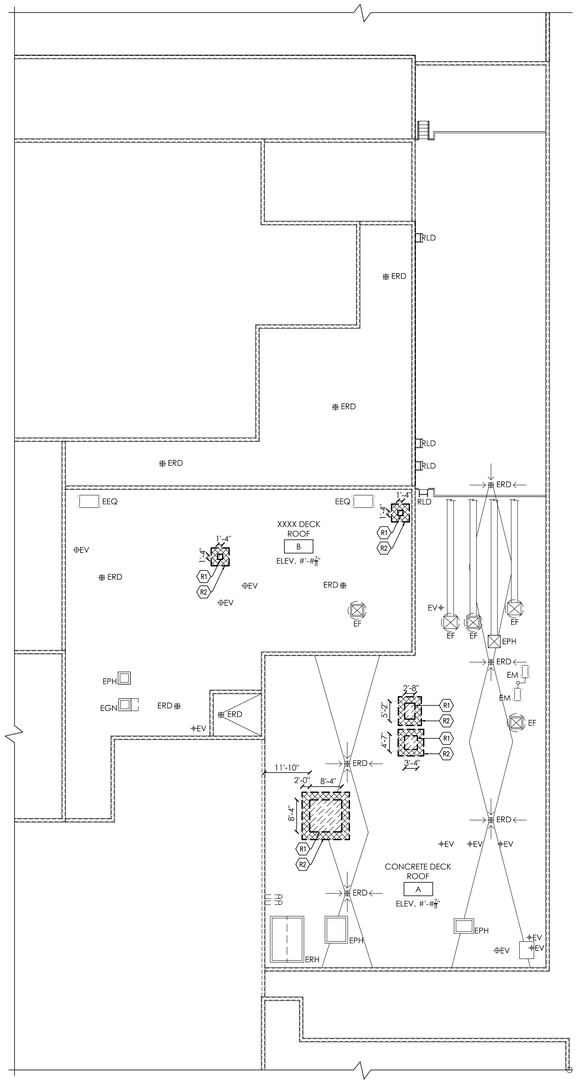
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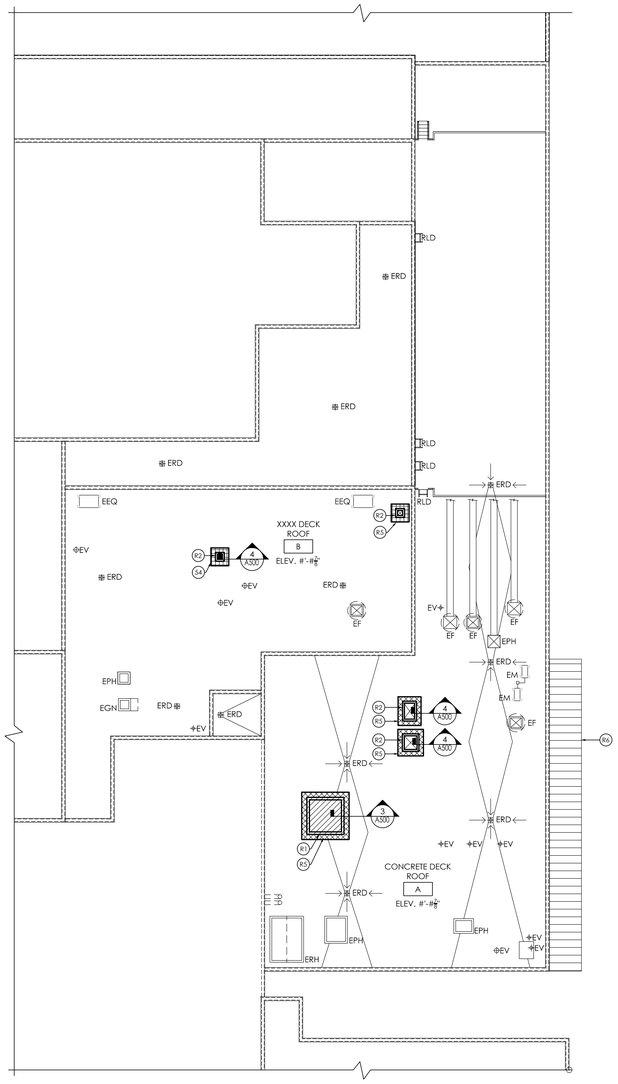
7 A500 VENT PENETRATION DETAIL
SCALE: 3" = 1'-0"



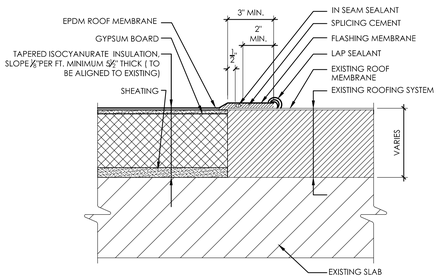
6 A500 SEALANT POCKET DETAIL
SCALE: 3" = 1'-0"



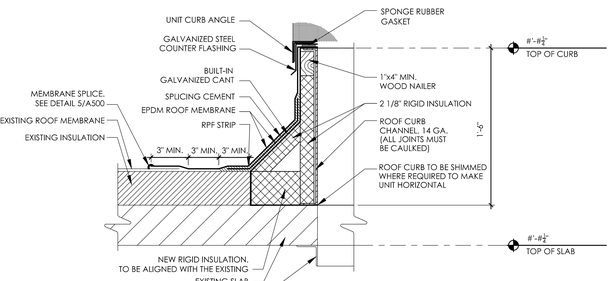
2 A500 DEMOLITIONS ROOF PLAN
SCALE: 1/16" = 1'-0"



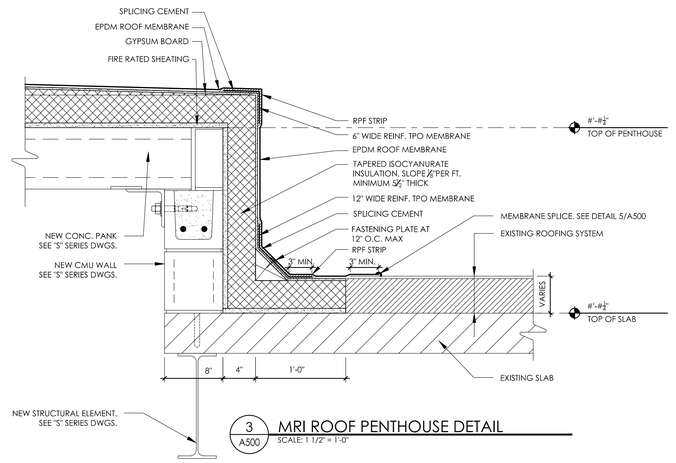
1 A500 CONSTRUCTIONS ROOF PLAN
SCALE: 1/16" = 1'-0"



5 A500 MEMBRANE SPLICE DETAIL
SCALE: 3" = 1'-0"



4 A500 ROOF CURB DETAIL
SCALE: 1 1/2" = 1'-0"



3 A500 MRI ROOF PENTHOUSE DETAIL
SCALE: 1 1/2" = 1'-0"

GENERAL CONSTRUCTIONS ROOF NOTES

1. DIMENSIONS AND CONDITIONS ON THE ROOF PLAN AND DETAILS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE CONTRACTOR. ONLY CERTAIN FASTENERS ARE SHOWN ON THE DRAWINGS. REFER TO THE SPECIFICATIONS FOR ADDITIONAL FASTENER REQUIREMENTS.
2. EACH CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS ON THE JOB SITE.
3. CUT AND PATCH ALL EXISTING FINISHES AS REQUIRED BY NEW WORK. MATCH AND FINISH TO PRESENT FINISHED SURFACES OR AS INDICATED.
4. REFASTEN LOOSE SECTIONS OF METAL AND STRUCTURAL WOOD FIBER DECKS, AND REPAIR THE TOP SURFACE OF THE STRUCTURAL WOOD FIBER DECKS AS BASE BID WORK. REPLACE DAMAGED OR DETERIORATED SECTIONS OF DECK IN ACCORDANCE WITH THE UNIT PRICES.
5. THE GENERAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS EXCEPT FOR HAZARDOUS MATERIALS REMOVED UNDER ABATEMENT CONTRACT.

DEMOLITIONS ROOF KEYNOTES

ROOF

R1 SC. TO SAW CUT EXISTING SLAP TO ALLOW A NEW OPENING. REFER TO "S" SERIES DWGS. FOR SUPPORT, LOCATION AND DIMENSIONS.

R2 GC. TO REMOVE AND DISPOSE PORTION OF EXISTING ROOF MEMBRANE, ROOF INSULATION AND ALL ASSOCIATED ITEMS. SEE A.500 DETAILS.

CONSTRUCTIONS ROOF KEYNOTES

ROOF

R1 SC. TO PROVIDE NEW CMU WALL AND CONC. PANK.(MRI ROOM PENTHOUSE) REFER TO "S" SERIES DWGS. AND SEE DETAIL 3/A500.

R2 GC. TO PROVIDE NEW ROOF CURB. FOR MECH. EQUIPMENTS. REFER TO "S" AND "H" SERIES DWGS. AND SEE DETAIL 4/A500.

R3 GC. TO PROVIDE NEW VENT. REFER TO "P" SERIES DWGS. AND SEE DETAIL 7/A500.

R4 GC. TO PROVIDE SEALANT POCKET. REFER TO "M" SERIES DWGS. AND SEE DETAIL 6/A500.

R5 GC. TO PROVIDE NEW EPDM ROOF SYSTEM WITH TAPERED POLYISOCYANURATE INSULATION, SLOPE 1/8" PER FT., MINIMUM 5½" THICK. ALIGN TO EXISTING ROOF SYSTEM. SEE DETAILS 3/A500 AND 4/A500.

R6 GC. to PROVIDE WALKWAY PROTECTION, TO KEEP DURING THE REMOVAL AND INSTALLATION ROOFING SYSTEM WORKS, AND TO REMOVE ONCE THE WORKS END.

ROOF LEGEND

- ERD — EXISTING ROOF DRAIN
- EV — EXISTING ROOF VENT
- → — ROOF SLOPE DIRECTION
- EF EF — EXISTING FAN CURB
- EPH — EXISTING ROOF PENTHOUSE
- ERH — EXISTING ROOF PENT HOUSE HATCH
- EEQ — EXISTING MECH. EQUIPMENT
- EGN — EXISTING GOOSENECK CURB
- RLD — EXISTING ROOF LADDER

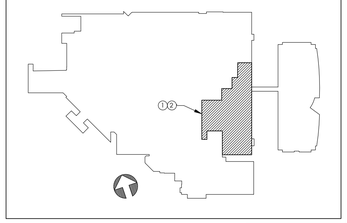
DEMOLITIONS ROOF LEGEND

- # — DEMOLITIONS KEY
- SAW CUT SLAB REMOVAL SEE DEMOLITIONS KEYNOTE R1.
- SAW CUT ROOFING SYSTEM REMOVAL. SEE DEMOLITIONS KEYNOTE R2.

CONSTRUCTIONS ROOF LEGEND

- # — CONSTRUCTIONS KEY
- NV# — NEW ROOF VENT. SEE CONSTRUCTIONS KEYNOTE R3.
- NEW SEALANT POCKET. SEE CONSTRUCTIONS KEYNOTE R4.
- NEW CURB. SEE CONSTRUCTIONS KEYNOTE R2.
- NEW CONC. PANK CMU WALL. SEE CONSTRUCTIONS KEYNOTE R1.
- NEW CONC. PANK. SEE CONSTRUCTIONS KEYNOTE R1.
- NEW ROOFING SYSTEM INFILL. SEE CONSTRUCTIONS KEYNOTE R4.
- WALKWAY PROTECTION. SEE CONSTRUCTION KEYNOTE R5.

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3/9/2021	LJ	CG

SCALE AS SHOWN

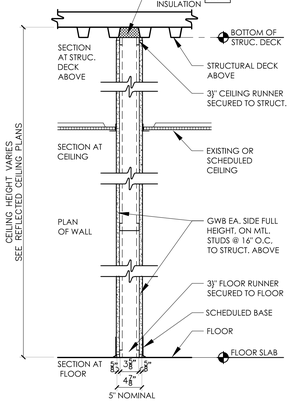
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DEMOLITIONS AND CONSTRUCTIONS ROOF PLANS

PROJECT NUMBER
15068.00

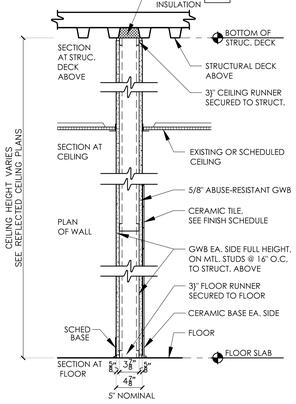
A500
DRAWING NUMBER

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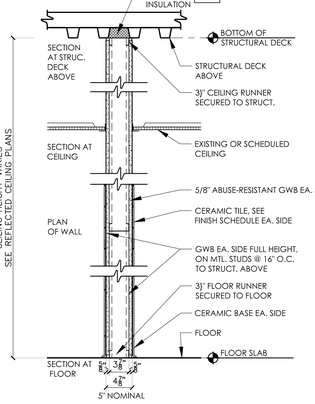
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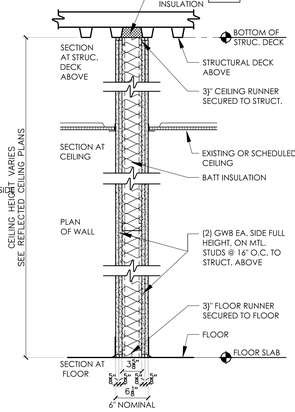
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S3r	UL - U465	1 HR.	47



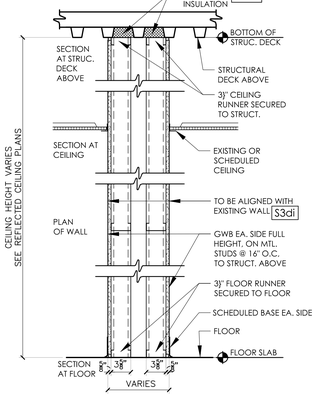
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S3a	NA	NA	47
S3ar	UL - U442	1 HR.	47



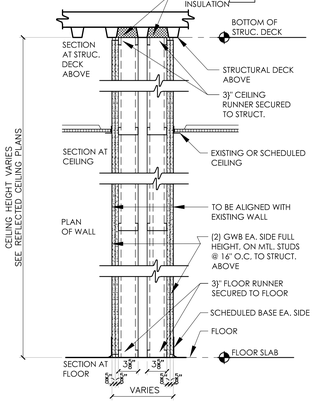
TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3b	NA	NA	47
S3br	UL - U442	1 HR.	47



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3c	UL U-411	2 HR	56



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3d	NA	NR	42
S3di	NA	NR	42
S3dir	UL - U465	1 HR.	47



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3fr	UL U-411	2 HR	42

GENERAL PARTITIONS NOTES

1. FULL HEIGHT PARTITIONS SHALL EXTEND TO THE BOTTOM OF CONCRETE, METAL, OR OTHER STRUCTURAL DECK ABOVE.
2. FLUTES IN METAL DECK ABOVE RATED PARTITIONS SHALL BE FILLED WITH FIRE SAFING INSULATION. FIRE STOP ENTIRE PERIMETER OF RATED PARTITIONS, INCLUDING EXTERIOR WALLS, WITH A UL LISTED JOINT SYSTEM FIRESTOP ASSEMBLY.
3. PROVIDE DEFLECTION TRACKS AT METAL STUD PARTITIONS THAT TERMINATE AT THE UNDERSIDE OF STRUCTURAL DECK ABOVE.
4. ALL PENETRATIONS IN FIRE RATED PARTITIONS SHALL BE FIRE STOPPED AND SEALED.
5. PROVIDE ABUSE RESISTANT 5/8" TYPE 'X' GYPSUM WALL BOARD AT ALL FIRE RATED PARTITIONS.
6. PROVIDE 5/8" MOISTURE RESISTANT GYPSUM WALL BOARD AT TOILET ROOM, LAVATORY, CUSTODIAL CLOSET OR OTHER WET LOCATIONS.
7. PARTITION TYPES WITH ONE SIDE OF DOUBLE DRYWALL SHALL BE PLACED SO THAT THE DOUBLE SIDE IS ON CORRIDOR AND/OR HIGH TRAFFIC SIDE OF THE WALL.
8. REFER TO THE STRUCTURAL SERIES DRAWINGS FOR MASONRY WALL REINFORCEMENT.
9. ALL PARTITIONS SHALL BE SEALED TO PREVENT THE PASSAGE OF SMOKE.
10. PROVIDE BULL-NOSED EDGES AT ALL EXPOSED MASONRY CORNERS.
11. PROVIDE DOUBLE STUDS AT PERIMETER OF ALL OPENINGS.
12. CONTRACTOR SHALL REFER TO CODE/LIFE SAFETY DRAWING FOR LOCATIONS OF RATED PARTITIONS.
13. REFER TO THE INTERIOR SERIES DRAWINGS FOR WALL FINISH INFORMATION.
14. RADIO FREQUENCY WALL CONSTRUCTION SHALL BE DESIGNED BY CONTRACTORS R.F. SHIELDING SUB CONTRACTOR. SHOP DRAWING SHALL BE REVIEWED AND APPROVED BY GOOD SAMARITAN'S PHYSICIST PRIOR TO CONSTRUCTION. R. F. DETAILS PROVIDED IN THESE DOCUMENTS ARE FOR REFERENCE ONLY.

PARTITION TYPES LEGEND

MATERIAL DESIGNATION

- C - CONSTRUCTION BARRIER 3⅝" STEEL STUDS x 20 GA.
- F - FURRED ASSEMBLY
- M - CONCRETE MASONRY UNIT (CMU)
- S - STEEL STUDS x 20 GA.
- X - SHAFT WALL ASSEMBLY, STEEL STUD

SIZE SUFFIX:

1 - 1⅞" STUD OR]" FURRING
2 - 2½" STUD OR 2" Z FURRING
3 - 3½" STUD OR 3" Z FURRING
4 - 4" CONCRETE MASONRY UNIT (CMU) OR 4" STUD
6 - 6" CONCRETE MASONRY UNIT (CMU) OR 6" STUD
8 - 8" CONCRETE MASONRY UNIT (CMU) OR 8" STUD
9 - (2) 3⅝" CHASE WALL
10 - 10" CONCRETE MASONRY UNIT (CMU)
12 - 10" CONCRETE MASONRY UNIT (CMU)

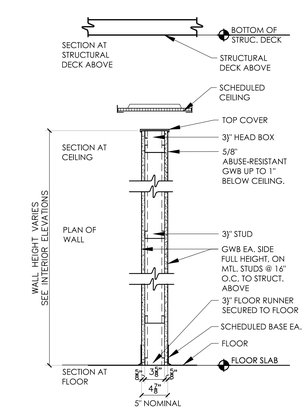
RATING SUFFIX:

r - (1) HOUR RATED (CMU) OR (1) HOUR RATED PARTITION, SINGLE LAYER OF ⅝" TYPE "X" GWB EACH SIDE OF PARTITION, FULL HEIGHT.

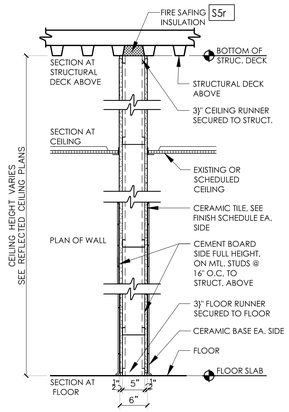
d - (2) HOUR RATED (CMU) OR (2) HOUR RATED PARTITION-DOUBLE LAYER OF ⅝" TYPE "X" GWB EACH SIDE OF PARTITION, FULL HEIGHT.

ACCESSORIES SUFFIX:

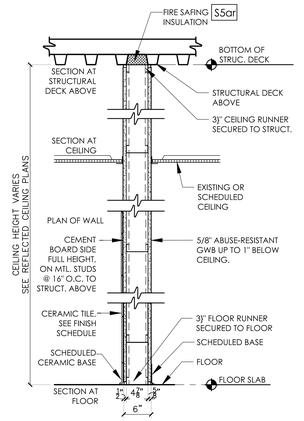
a - 5/8" GWB ADHERED TO SUBSTRATE (EXISTING OR NEW)
c - GWB TO 6" ABOVE CEILING ON ONE SIDE OF PARTITION AND FULL HEIGHT OPPOSITE SIDE.
e - LAYER OF GWB MOVED TO OPPOSITE SIDE OF ASSEMBLY
f - FURRING - GWB ONE SIDE ONLY.
i - SOUND ATTENUATING BATT INSULATION.
l - LEADED GWB
p - ON TAG SIDE OF PARTITION, USE 1 LAYER OF 5/8" GWB FULL HEIGHT PLUS AN ADDITIONAL OUTER LAYER OF 5/8" GWB TO 4" ABOVE FINISHED CEILING SYSTEM (STAGGER SEAMS). OPPOSITE SIDE OF PARTITION TO BE 1 LAYER OF 5/8" GWB FULL HEIGHT UNLESS "d" RATING SUFFIX IS ALSO INDICATED.
s - SOUND SEAL
t - CERAMIC WALL TILE (CWT) OR CEMENTITIOUS BACKER BOARD AND TILE AT STUD PARTITION
v - PLASTER VENEER.
w - CONTINUE EXISTING WALL TO UNDERSIDE OF STRUCTURAL DECK ABOVE.
z - FURRING CHANNEL WITH 1 LAYER GWB TO 6" ABOVE CEILING, INSTALLED ON TAG SIDE OF PARTITION (REFER TO WALL TYPE DETAIL FOR CHANNEL SIZE).



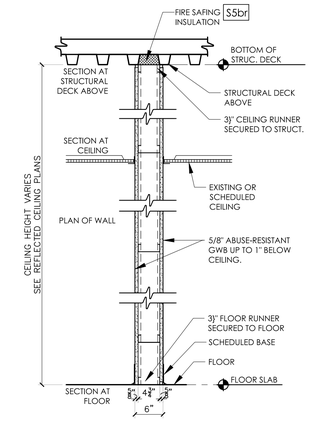
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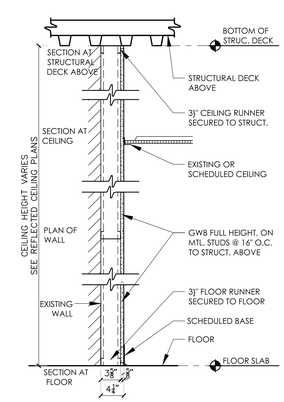
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S3h	NA	NR	42



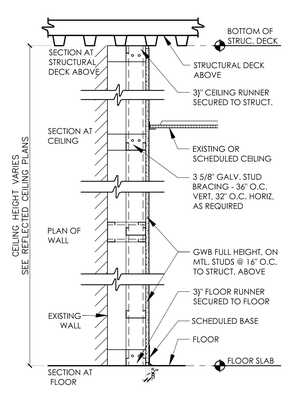
TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3i	NA	NR	42



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3j	NA	NR	NA



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3k	NA	NR	42



TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3l	NA	NR	42

TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S3j	NA	NR	42

TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S5	NA	NA	47
S5r	UL - U442	1 HR.	47

TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S5a	NA	NA	47
S5ar	UL - U442	1 HR.	47

TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
S5b	NA	NA	47
S5br	UL - U442	1 HR.	47

TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
F1	NA	NR	NA

TYPE	FIRE TEST LAB & DESIGN	FIRE RATING	STC
C1	NA	NR	NA

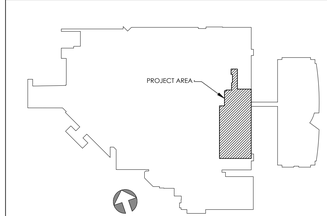
4 A800 3" MTL STUD PARTITION TYPES
SCALE: 1/4" = 1'-0"

3 A800 5" MTL STUD PARTITION TYPES
SCALE: 1/4" = 1'-0"

2 A800 FURRED PARTITION TYPES
SCALE: 1/4" = 1'-0"

1 A800 CHASE PARTITION TYPES
SCALE: 1/4" = 1'-0"

KEY PLAN



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REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION

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PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE AS SHOWN

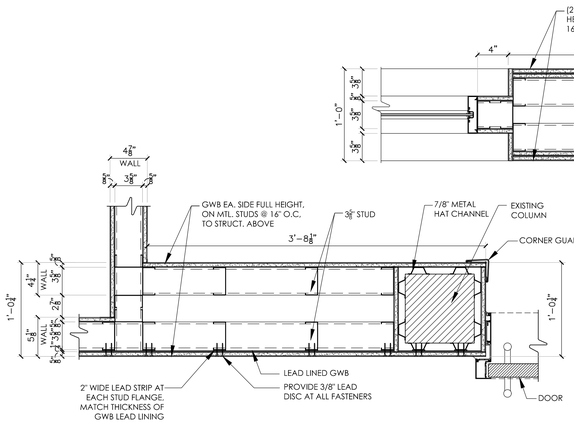
SHEET TITLE
PARTITION TYPES

PROJECT NUMBER
15068.00

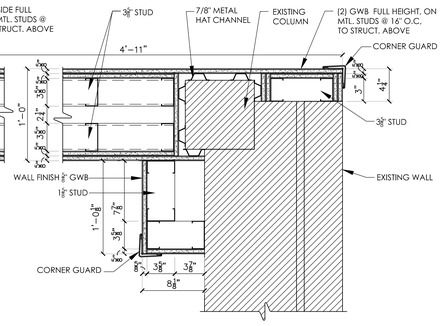
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DRAWING NUMBER

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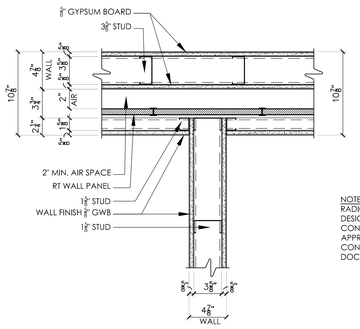
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4 A801 WALL DETAIL AT CT ROOM
SCALE: 1 1/2" = 1'-0"

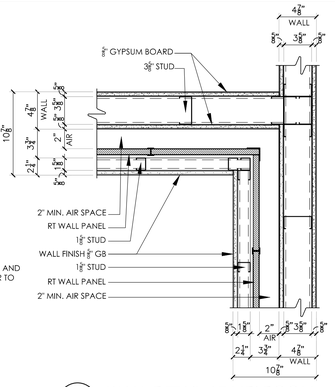


3 A801 WALL DETAIL AT WAITING ROOM
SCALE: 1 1/2" = 1'-0"

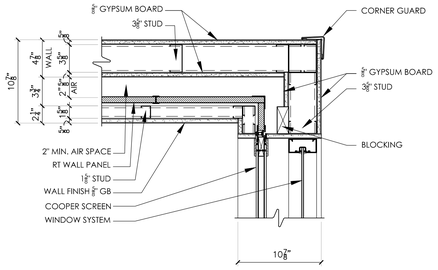


NOTE:
RADIO FREQUENCY WALL CONSTRUCTION SHALL BE DESIGNED BY CONTRACTORS R.F. SHIELDING SUB CONTRACTOR. SHOP DRAWING SHALL BE REVIEWED AND APPROVED BY GOOD SAMARITAN'S PHYSICIST PRIOR TO CONSTRUCTION. R. F. DETAILS PROVIDED IN THESE DOCUMENTS ARE FOR REFERENCE ONLY.

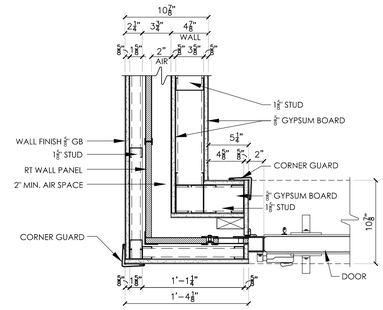
2 A801 WALL DETAIL AT MRI ROOM
SCALE: 1 1/2" = 1'-0"



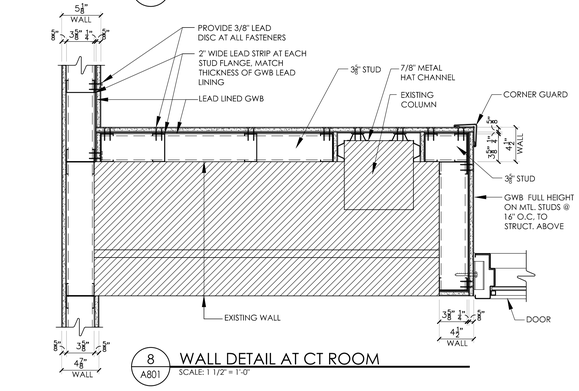
1 A801 WALL DETAIL AT MRI ROOM
SCALE: 1 1/2" = 1'-0"



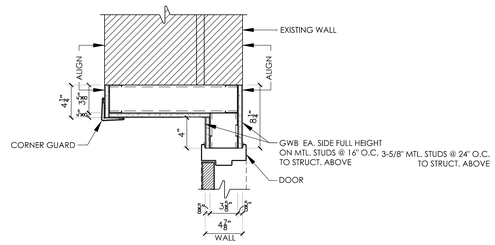
6 A801 WALL DETAIL AT MRI ROOM
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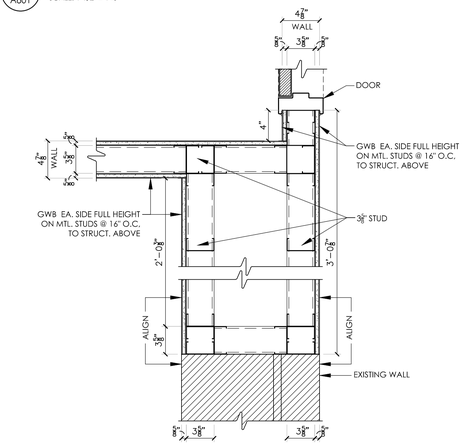
5 A801 WALL DETAIL AT MRI ROOM
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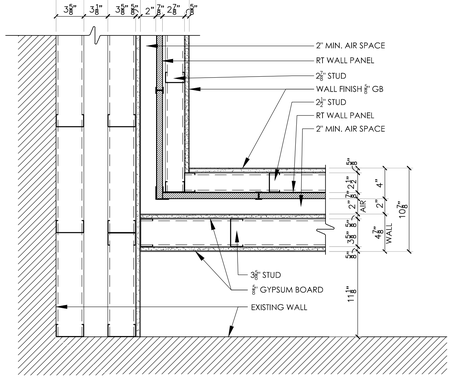
8 A801 WALL DETAIL AT CT ROOM
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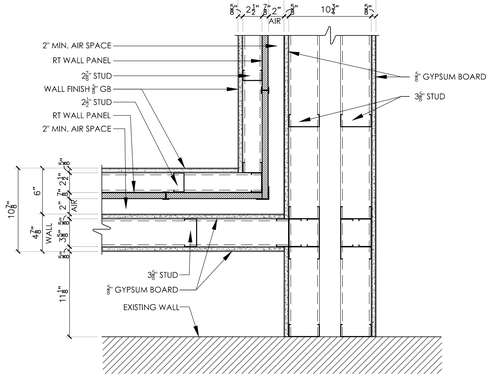
7 A801 WALL DETAIL
SCALE: 1 1/2" = 1'-0"



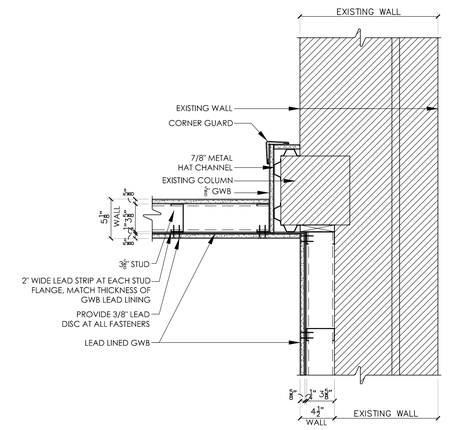
11 A801 WALL DETAIL AT MRI CONTROL ROOM
SCALE: 1 1/2" = 1'-0"



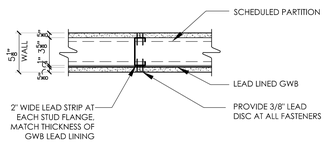
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SCALE: 1 1/2" = 1'-0"



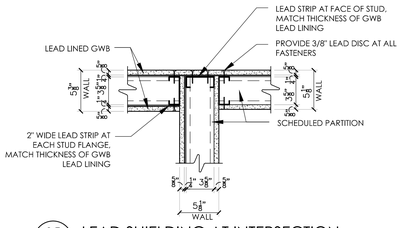
9 A801 WALL DETAIL AT MRI ROOM
SCALE: 1 1/2" = 1'-0"



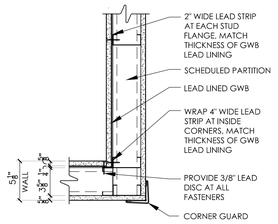
12 A801 WALL DETAIL AT CT ROOM
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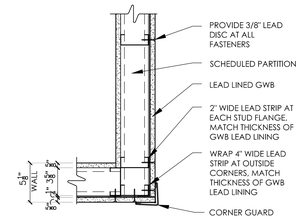
16 A801 LEAD SHIELDING AT JOINT
SCALE: 3" = 1'-0"



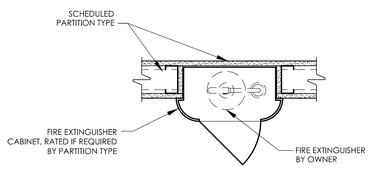
15 A801 LEAD SHIELDING AT INTERSECTION
SCALE: 3" = 1'-0"



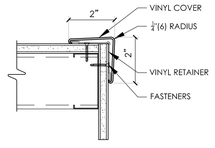
14 A801 LEAD SHIELDING AT INSIDE CORNER
SCALE: 3" = 1'-0"



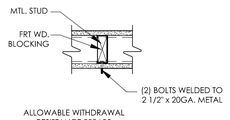
13 A801 LEAD SHIELDING AT OUTSIDE CORNER
SCALE: 3" = 1'-0"



22 A801 FIRE EXTINGUISHER CABINETDETAIL
SCALE: 1 1/2" = 1'-0"

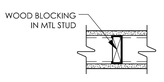


21 A801 CORNER GUARD DETAIL
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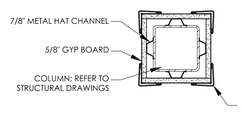
ALLOWABLE WITHDRAWAL RESISTANCE 200 LBS

20 A801 TYP. GRAB BAR ATTAC. DETAIL
SCALE: 1 1/2" = 1'-0"

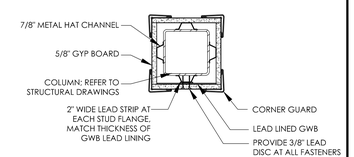


ALLOWABLE WITHDRAWAL RESISTANCE 50 LBS

19 A801 TYP. WD BLOCKING DETAIL
SCALE: 1 1/2" = 1'-0"



18 A801 TYP. COLUMN CHASE DETAIL
SCALE: 1 1/2" = 1'-0"



17 A801 LEAD SHIELDING AT COL CHASE DTL
SCALE: 1 1/2" = 1'-0"

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SCALE: AS SHOWN

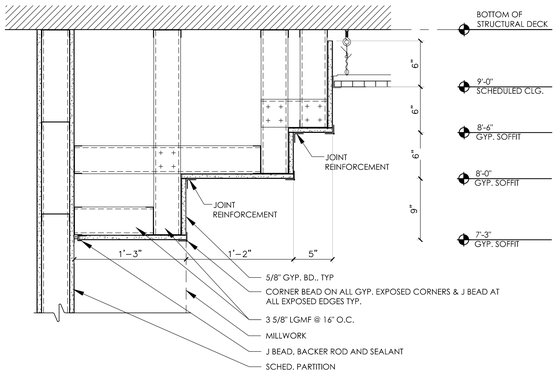
SHEET TITLE: WALL DETAILS

PROJECT NUMBER: 15068.00

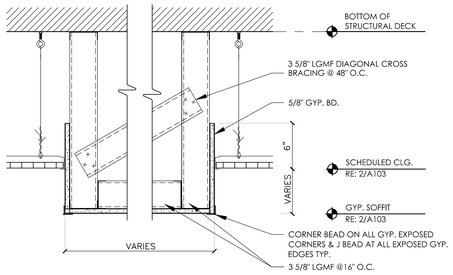
A801
DRAWING NUMBER

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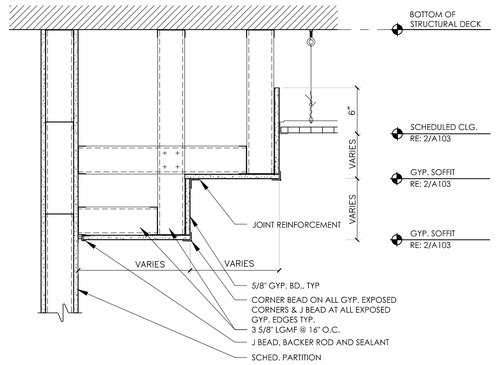
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Date last plotted: 3/8/2021 6:17 PM
Plotted By: Charlene Gabriel



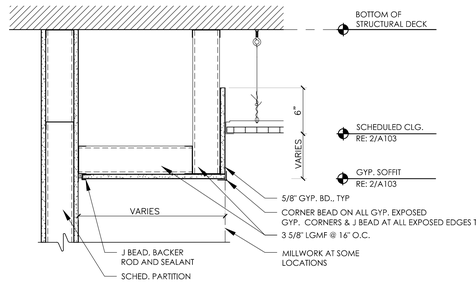
4 A802 TYP. FRAMED GYP. SOFFIT DETAIL
SCALE: 1 1/2" = 1'-0"



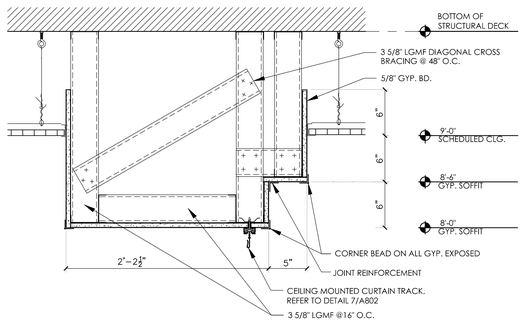
3 A802 TYP. FRAMED GYP. SOFFIT DETAIL
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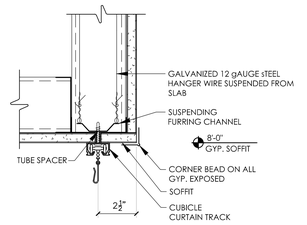
2 A802 TYP. FRAMED GYP. SOFFIT DETAIL AT WALL
SCALE: 1 1/2" = 1'-0"



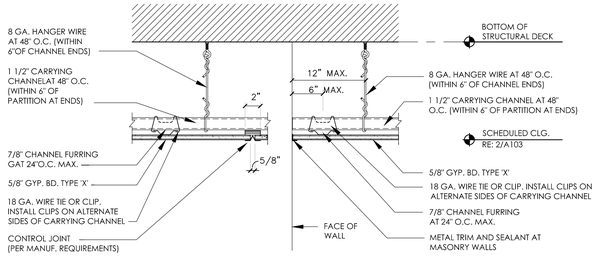
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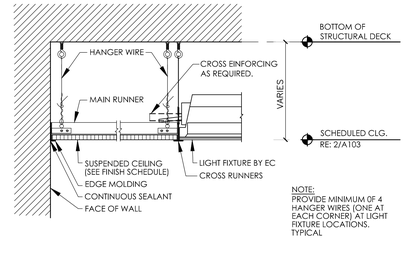
8 A802 CURTAIN TRACK SOFFIT DETAIL
SCALE: 3" = 1'-0"



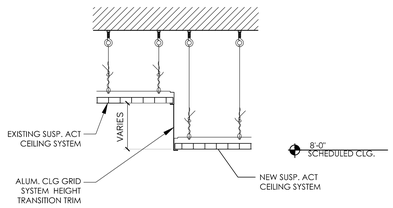
7 A802 CEILING MOUNTED CURTAIN TRACK DETAIL
SCALE: 3" = 1'-0"



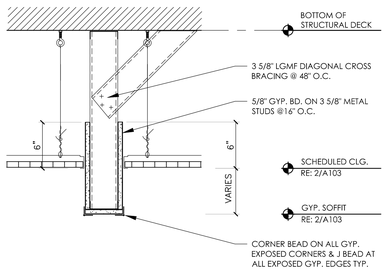
6 A802 TYP. GYPSUM BOARD CEILING DETAIL
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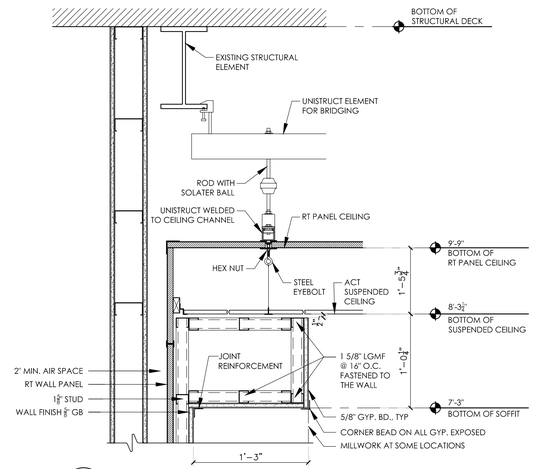
5 A802 TYP. ACT CEILING DETAIL AT WALL
SCALE: 1 1/2" = 1'-0"



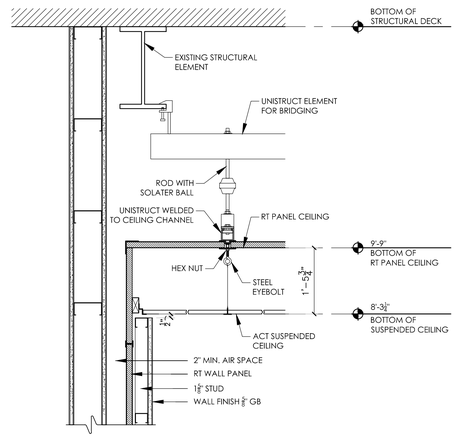
12 A802 ACT/ACT GRID TRANSITION TRIM DETAIL
SCALE: 1 1/2" = 1'-0"



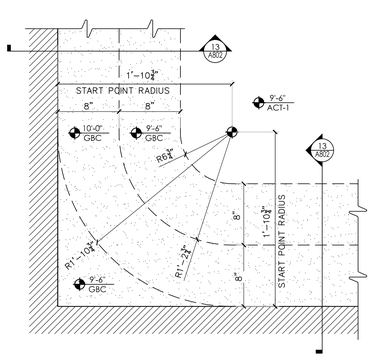
11 A802 BULKHEAD DETAIL
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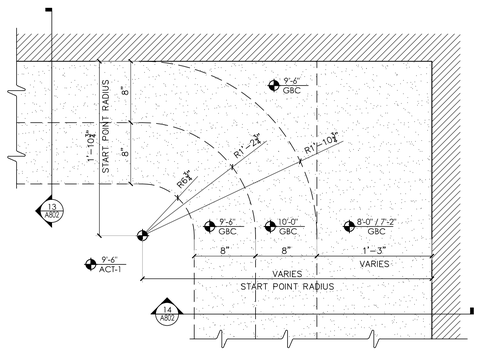
9 A802 RT CEILING AND CABINET SOOFIT DETAIL
SCALE: 1 1/2" = 1'-0"



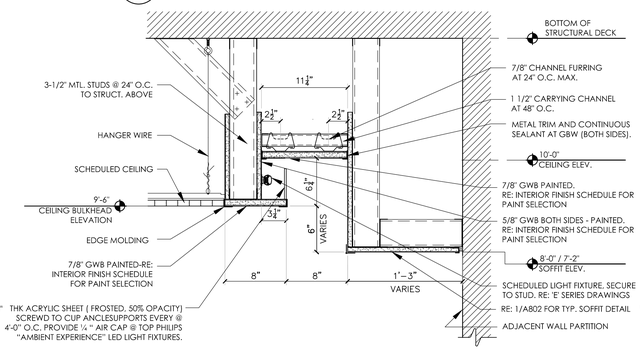
9 A802 RT CEILING AND WALL DETAIL
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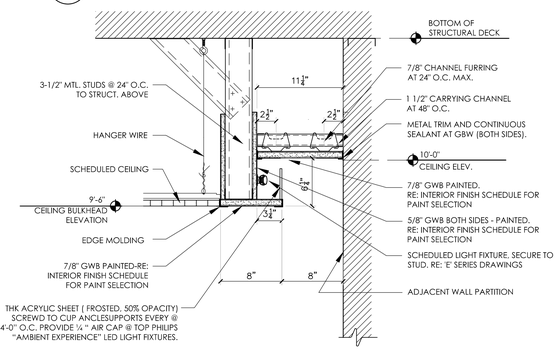
16 A802 PET SCAN COVE LIGHT PLAN
SCALE: 1 1/2" = 1'-0"



15 A802 PET SCAN COVE LIGHT PLAN
SCALE: 1 1/2" = 1'-0"



14 A802 PET SCAN COVE LIGHT DETAIL
SCALE: 1 1/2" = 1'-0"



13 A802 PET SCAN COVE LIGHT DETAIL
SCALE: 1 1/2" = 1'-0"

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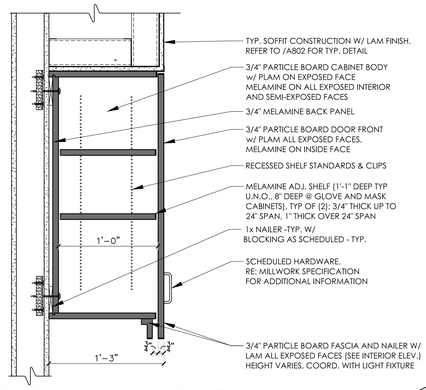
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CEILING DETAILS

PROJECT NUMBER
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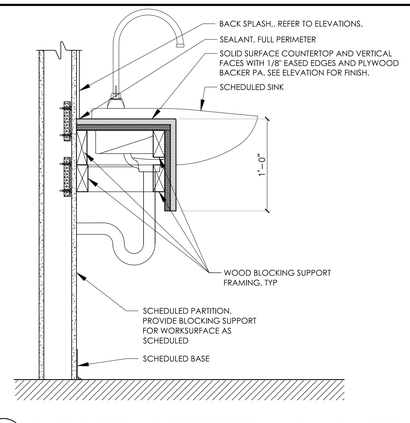
A802
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IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

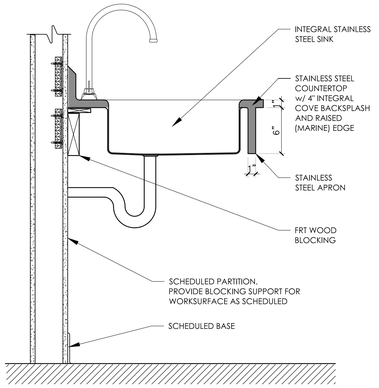
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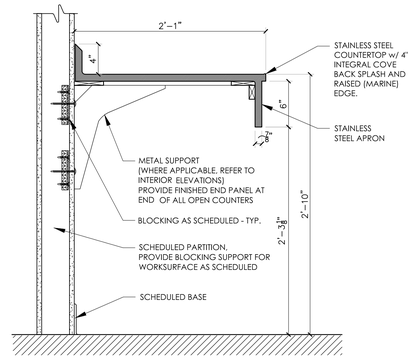
4 A803 TYPICAL UPPER CABINET SINGLE DOOR
SCALE: 1 1/2" = 1'-0"



3 A803 PATIENT ROOM & CORRIDOR HANDWASHING SINK
SCALE: 1 1/2" = 1'-0"



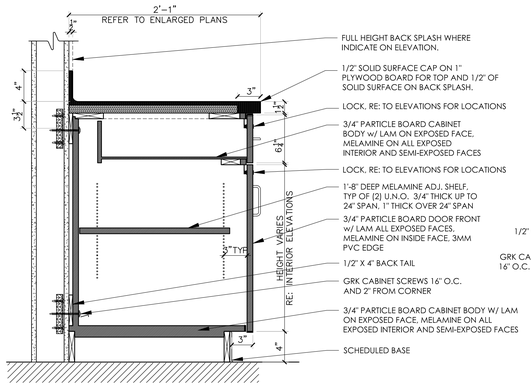
2 A803 STAINLESS STEEL COUNTERTOP & SINK
SCALE: 1 1/2" = 1'-0"



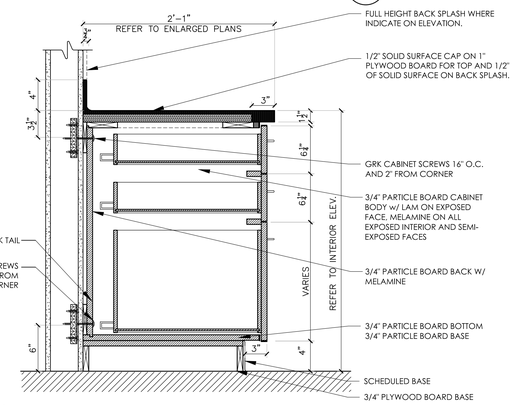
1 A803 STAINLESS STEEL COUNTERTOP
SCALE: 1 1/2" = 1'-0"

MILLWORK GENERAL NOTES

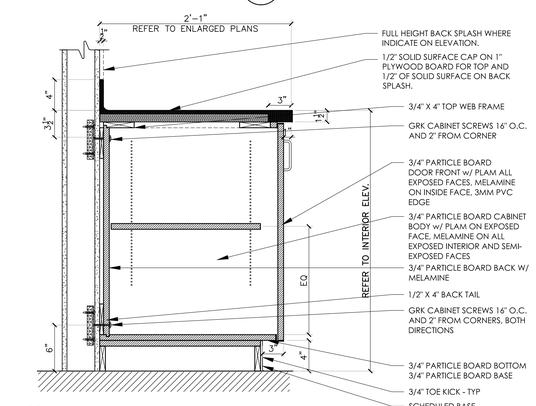
1. NOT ALL DETAILS ARE USED IN THIS PROJECT.
2. 1/8" EASED EDGES AT ALL COUNTERTOPS UNLESS OTHERWISE NOTED.
3. PROVIDE SUPPORT BLOCKING AND STRAPPING FOR ALL MILLWORK, CASEWORK, AND WALL MOUNTED ACCESSORIES. REFER TO SHEET A-400 FOR TYPICAL BLOCKING DETAILS.
4. ALL WALL CABINETS ARE 15" DEEP UNLESS NOTED OTHERWISE.
5. ALL BASE CABINETS ARE 24" DEEP UNLESS NOTED OTHERWISE.
6. PROVIDE FULL FINISHED END PANELS ON ALL EXPOSED MILLWORK.
7. PROVIDE FILLER PANEL WHERE MILLWORK MEETS WALL.
8. PROVIDE HEAVY DUTY SUPPORT BRACKETS AT WORK SURFACES, 36" MAX BETWEEN BRACKETS UNLESS NOTED OTHERWISE.
9. MILLWORK REQUIRING LOCKABLE HARDWARE IS NOTED.
10. REFER TO I SERIES DRAWINGS AND A7000 SERIES DRAWINGS FOR MILLWORK FINISHES.
11. FIELD VERIFY ALL DIMENSIONS PRIOR TO SHOP DRAWING SUBMITTAL.
12. PROVIDE VALANCE COVER AT ALL UNDER CABINET LIGHTING WHEREVER UNDER CABINET LIGHTING IS REQUIRED.
13. ALL OUTSIDE CORNERS OF COUNTERTOPS TO BE 3" RADIUS.
14. GROMMETS TO BE INSTALLED IN FIELD 48" O.C. MIN. U.N.O. COORDINATE GROMMET LOCATIONS WITH OWNER, CENTER ABOVE UNDER-COUNTER OUTLETS AND DATA PORTS IF LOCATION NOT SPECIFIED.
15. ALL CABINET PULLS ON MILLWORK DOORS AND DRAWERS TO BE PULL TYPE P-1 UNLESS NOTED OTHERWISE.



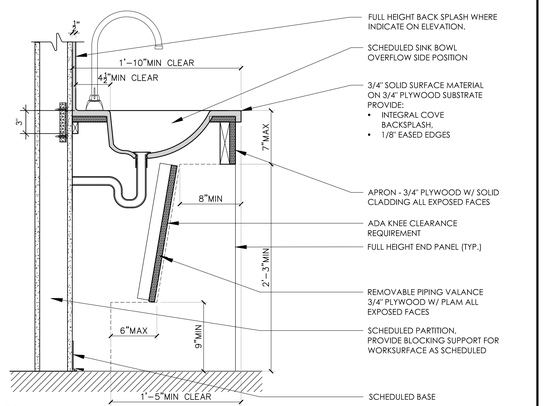
8 A803 TYPICAL BASE CABINET W/ SINGLE DOOR, SINGLE DRAWER
SCALE: 1 1/2" = 1'-0"



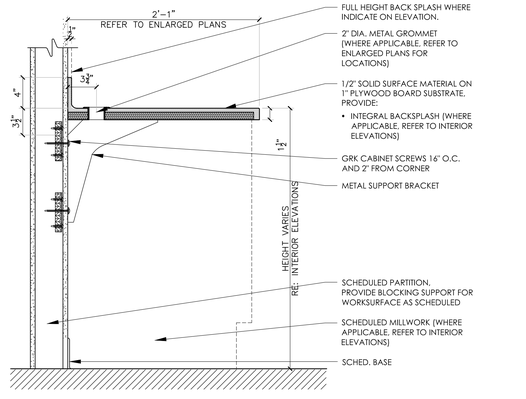
10 A803 TYPICAL BASE CABINET W/3 DRAWERS
SCALE: 1 1/2" = 1'-0"



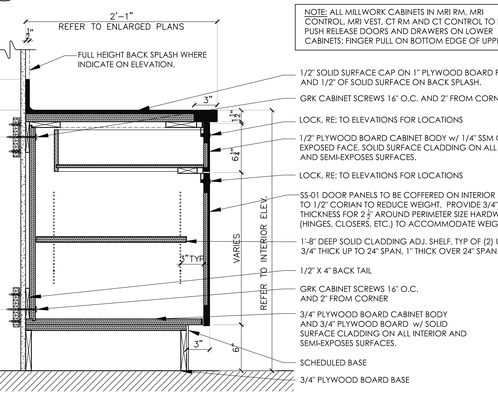
6 A803 TYPICAL BASE CABINET WITH SINGLE DOOR
SCALE: 1 1/2" = 1'-0"



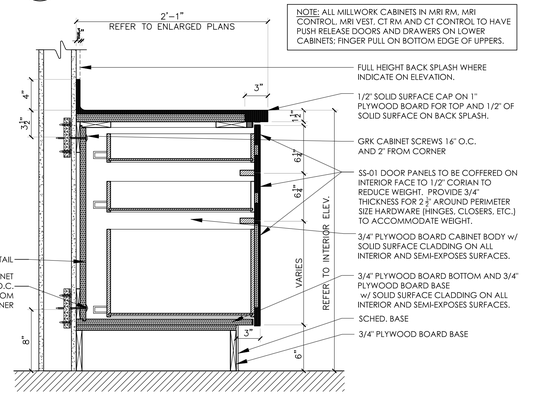
5 A803 TYPICAL SSM COUNTER WITH SSM SINK
SCALE: 1 1/2" = 1'-0"



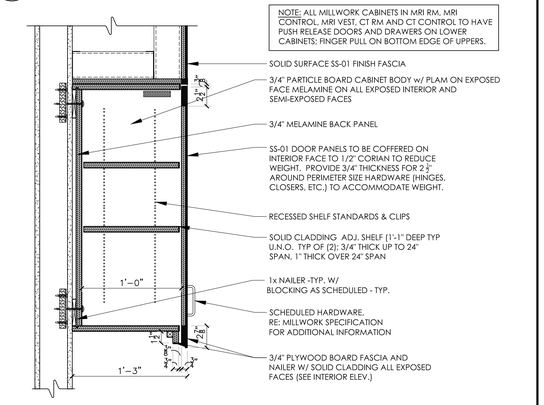
12 A803 TYP. SSM WORKSURFACE - BACKSPLASH
SCALE: 1 1/2" = 1'-0"



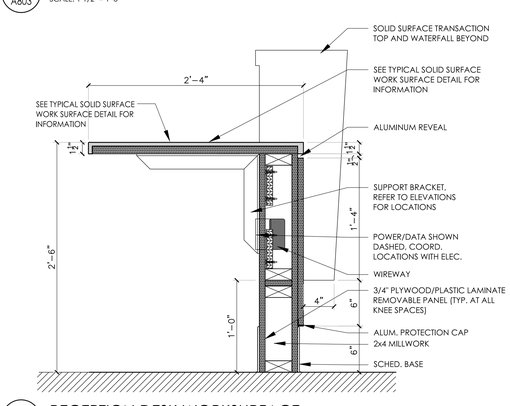
11 A803 TYP. SOLID SURFACE BASE CABINET W/ SINGLE DOOR AND DRAWER
SCALE: 1 1/2" = 1'-0"



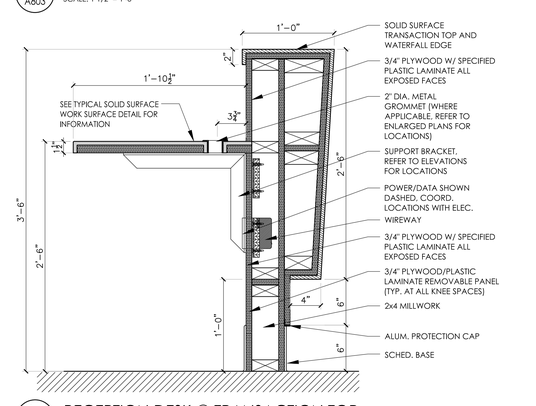
10 A803 TYPICAL SOLID SURFACE BASE CABINET W/3 DRAWERS
SCALE: 1 1/2" = 1'-0"



9 A803 TYP. SOLID SURFACE UPPER CABINET SINGLE DOOR
SCALE: 1 1/2" = 1'-0"

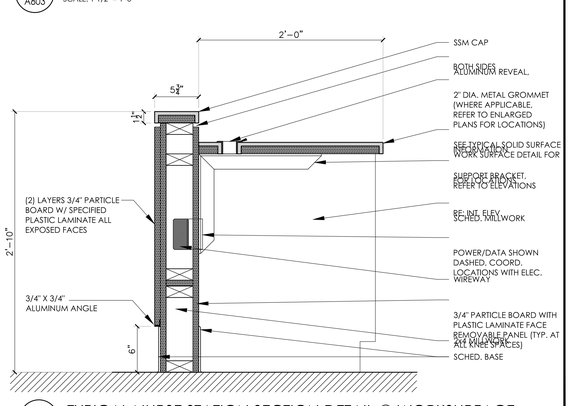


16 A803 TYPICAL SSM COUNTER WITH STAINLESS STEEL SINK
SCALE: 1 1/2" = 1'-0"



15 A803 RECEPTION DESK WORKSURFACE
SCALE: 1 1/2" = 1'-0"

14 A803 RECEPTION DESK @ TRANSACTION TOP
SCALE: 1 1/2" = 1'-0"



13 A803 TYPICAL NURSE STATION SECTION DETAIL @ WORKSURFACE
SCALE: 1 1/2" = 1'-0"

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FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	AP	CG

SCALE: AS SHOWN

SHEET TITLE: MILLWORK DETAILS

PROJECT NUMBER: 15068.00

A803
DRAWING NUMBER

Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ARCH\A8\A803-MILLWORK AND INTERIOR DETAILS.dwg
Date last accessed: 3/8/2021 5:58 PM
Date last plotted: 3/8/2021 6:34 PM
Plotted By: Lidia Jimenez

DOOR AND FRAME NOTES:

1. REFER TO A900'S FOR DOOR AND FRAME SCHEDULE.
2. ALL FRAMES ARE TO RECEIVE FULL PERIMETER SEALANT; INTERIOR AND EXTERIOR.
3. ALL DOOR AND WINDOW DIMENSIONS ARE TO BE VERIFIED AND COORDINATED WITH ALL TRADES IN FIELD PRIOR TO FABRICATION.
4. POWER, DATA, ACCESS CONTROL, & FIRE ALARM, REQUIREMENTS FOR ALL DOOR HARDWARE COMPONENTS, TO BE COORDINATED BETWEEN ALL DISCIPLINES REGARDLESS OF SCOPE OR WORK, PRIOR TO ORDERING / FABRICATION.
5. SEE SCHEDULE FOR DOOR AND FRAME MATERIAL.
6. REFER TO FRAME TYPE ELEVATIONS FOR TYP. HEAD AND JAMB DETAILS UNLESS NOTED OTHERWISE IN SCHEDULE.
7. CONTRACTOR IS RESPONSIBLE FOR COORDINATING FRAME DEPTH AND THROAT SIZES WITH SPECIFIED WALL TYPES, DOOR DETAILS, AND EXISTING CONDITIONS. NOTE WALL TILE FINISH ARE TO ABUT FRAME EDGE AND NOT BE ACCOUNTED FOR IN THROAT SIZES.
8. ALL RABITED HM FRAMES TO HAVE HOSPITAL STOP CONDITION AT FLOOR, UNLESS NOTED OTHERWISE. EXCEPTION: ALL LEAD LINED DOORS, STOPS MUST GO TO THE FLOOR FOR CONTINUITY OF RADIATION SHIELDING.
9. POWER OPERATORS WITH HOLD OPEN FUNCTION TO BE PROVIDED WITH FIRE ALARM RELEASE RELAY AND TIED INTO FIRE ALARM SYSTEM FOR FREE RELEASE UPON FIRE ALARM ACTIVATION WHILES IN ANY FUNCTION CODE.
10. DOOR RELEASE WITH POWER OPERATORS TO BE PROVIDED WITH EXTRA HEAVY DUTY HINGE REINFORCEMENT AT FRAME.
11. REFER TO CLEANROOM DOOR AND WINDOW MANUFACTURER INFORMATION FOR INSTALLATION REQUIREMENTS. ALL INSTALLATIONS SHOULD BE FLUSH WITH WALL AND CAULKED WITH NO LEDGES.
12. BASIS-OF-DESIGN: TERRA UNIVERSAL CLEANROOM FRAMED BRUSHED 304 STAINLESS STEEL PRE-HUNG SWING DOORS; REFER TO MANUFACTURER INFORMATION.
13. DOORS AND FRAMES IN MRI & CT SUITES TO BE CONCRUENT WITH PHYSICISTS REPORT.
14. PROVIDE SOLID BLOCKING IN DOORS FOR HARDWARE ANCHOR. INDICATE ALL BLOCKING ON SHOP DRAWINGS.
15. DOORS WITH POWER OPERATORS TO BE PROVIDED WITH EXTRA HEAVE DUTY REINFORCEMENT AT FRAME.
16. ALL DOORS TO HAVE KICK PLATES UNLESS OTHER WISE NOTED. KICK PLATES TO EXTEND THE FULL WIDTH OF THE DOOR LEAF.

DOOR SCHEDULE LEGEND:

ALUM= ALUMINUM
HM = HOLLOW METAL
M/E = MATCH EXISTING
PT = PAINT
ST = STAIN
STL = STEEL
WD = WOOD
L = LEAD LINED
(REFER TO SHIELDING SUMMARY)

GLAZING LEGEND:

IG-1 = INSULATED GLASS
LG-1 = 1/4" LAMINATED CLEAR SAFETY GLASS
FG-45= 45 MIN. FIRE RATED GLASS
FG-90= 90 MIN. FIRE RATED GLASS
L-1 = LEAD GLASS (REFER TO SHIELDING SUMMARY)

DOOR MANUFACTURER:

ITEM	MANUF.	MODEL
HINGE		
PIVOT SET		
EMER. STOP LATCH		
RESCUE STRIKE		
SIGHT SEAL		
CLOSER		
CLOSER TYPE 2	LCN	4040SE SERIES SENTRONIC
WALL STOP		
OVERHEAD STOP		
GASKETING		
DOOR PROTECTION		
KICK PLATE		
PANIC DEVICE	VON DUPRIN	99 SERIES WITH VERTICAL RODS
LOCKSET	SARGENT	10 LINE LL-26D-2860
ADAMS LOCKSET		
PULL		
PUSH PLATE		
ELECTRIC STRIKE		
DOOR CONTACT		
CARD READER		
WAVE ACTUATOR		
AUTO OPERATOR		
OVERHEAD DOOR TRACK		

DOOR HARDWARE:

HARDWARE SET 1 (90 MIN)
3EA HINGE
1EA CLOSER
1EA WALL STOP
1EA GASKETING
2EA KICK PLATE
1EA CLASSROOM LOCKSET

HARDWARE SET 2
3EA HINGE
1EA WALL STOP
2EA KICK PLATE
1EA OFFICE LOCKSET
1EA ELECTRIC STRIKE
1EA DOOR CONTACT
1EA CARD READER

HARDWARE SET 3 (90 MIN)
3EA HINGE
1EA CLOSER
1EA WALL STOP
1EA GASKETING
2EA KICK PLATE
1EA OFFICE LOCKSET
1EA ELECTRIC STRIKE
1EA DOOR CONTACT
1EA CARD READER

HARDWARE SET 4 (90 MIN)
6EA HINGE
2EA CLOSER
2EA PANIC DEVICE
1EA POWER SUPPLY
2EA WALL STOP
1EA GASKETING
4EA KICK PLATE
2EA WAVE ACTUATOR
1EA AUTO OPERATOR
2EA DOOR CONTACT
REMARKS:
DOORS NORMALLY LATCHED.
ENGAGING ACTUATOR RETRACTS BOTH LATCHES AND INITIATES AUTOMATIC OPERATION OF FROM SECURE PULL SIDE.
FREE EGRESS FROM PUSH SIDE AT ALL TIMES

HARDWARE SET 5
3EA HINGE
1EA WALL STOP
2EA KICK PLATE
1EA CLASSROOM LOCKSET
1EA ELECTRIC STRIKE
1EA DOOR CONTACT
1EA CARD READER

HARDWARE SET 6
6EA HINGE
2EA CLOSER WITH HOLD OPEN
2EA PANIC DEVICE
1EA WALL STOP
2EA KICK PLATE

HARDWARE SET 7
3EA HINGE
1EA WALL STOP
2EA KICK PLATE
1EA CLASSROOM LOCKSET

HARDWARE SET 8 (SHIELDED SLIDING)
1EA OVERHEAD TRACK
1EA ADAMS LOCK SET
2EA DOOR PULL 30" C TO C
2EA KICK PLATE

HARDWARE SET 9
3EA HINGE
1EA WALL STOP
2EA KICK PLATE
1EA OFFICE LOCKSET
1EA ELECTRIC STRIKE
1EA DOOR CONTACT
1EA CARD READER

HARDWARE SET 10
3EA HINGE
1EA WALL STOP
4EA DOOR PROTECTION
1EA CLASSROOM LOCKSET
1EA ELECTRIC STRIKE
1EA DOOR CONTACT
1EA CARD READER
REMARKS:
33" HIGH DOOR PROTECTION BELOW LOCKSET, 12" HIGH ABOVE, BOTH SIDES

HARDWARE SET 11
1EA PIVOT SET
1EA WALL STOP
2EA KICK PLATE
1EA PRIVACY LOCKSET
1EA EMER. STOP LATCH ASSY.
1EA RESCUE STRIKE
2EA SIGHT SEAL

HARDWARE SET 12 (45 MIN)
6EA HINGE
2EA CLOSER
2EA PANIC DEVICE
1EA POWER SUPPLY
2EA WALL STOP
1EA GASKETING
4EA KICK PLATE
2EA WAVE ACTUATOR
1EA AUTO OPERATOR
2EA DOOR CONTACT
REMARKS:
DOORS NORMALLY LATCHED.
ENGAGING ACTUATOR RETRACTS BOTH LATCHES AND INITIATES AUTOMATIC OPERATION OF FROM SECURE PULL SIDE.
FREE EGRESS FROM PUSH SIDE AT ALL TIMES

HARDWARE SET 13
3EA HINGE
1EA OVERHEAD STOP
2EA KICK PLATE
1EA STOREROOM LOCKSET

HARDWARE SET 14
3EA HINGE
1EA OVERHEAD STOP
2EA KICK PLATE
1EA STOREROOM LOCKSET
1EA ELECTRIC STRIKE
1EA DOOR CONTACT
1EA CARD READER

HARDWARE SET 15 (90 MIN)
3EA HINGE
1EA CLOSER
1EA WALL STOP
1EA GASKETING
2EA KICK PLATE
1EA CLASSROOM LOCKSET
1EA PANIC DEVICE

HARDWARE SET 16
3EA HINGE
1EA CLOSER
1EA WALL STOP
2EA KICK PLATE
1EA PULL
1EA PUSH PLATE

HARDWARE SET 8 (SLIDING)
1EA OVERHEAD TRACK
1EA ADAMS LOCK SET
2EA DOOR PULL 30" C TO C
2EA KICK PLATE

HARDWARE SET 18 (SHIELDED SWING)
3EA HINGE
1EA WALL STOP
4EA DOOR PROTECTION
1EA PASSAGE LOCKSET
1EA SILENCER
REMARKS:
33" HIGH DOOR PROTECTION BELOW LOCKSET, 12" HIGH ABOVE, BOTH SIDES
NO WALL STOP AT D24.

HARDWARE SET 19 (NON FERROUS MATERIAL)
3EA HINGE
1EA CLOSURE
2EA KICK PLATE
1EA STOREROOM LOCKSET

HARDWARE SET 20 (90 MIN)
3EA HINGE
1EA CLOSURE -TYPE 2
2EA KICK PLATE
1EA STORE ROOM LOCKSET

HARDWARE SET 20 (90 MIN)
6EA HINGE
2EA CLOSURE - TYPE 2
4EA KICK PLATE
1EA STORE ROOM LOCKSET

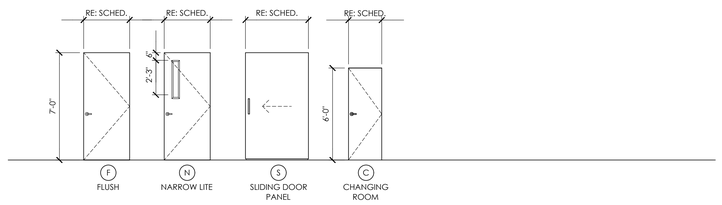
HARDWARE NOTES:
1. FINAL HARDWARE MANUFACTURERS AND COMPONENTS TO BE COORDINATED WITH GOOD SAMARITAN HOSPITAL FACILITIES PERSONAL.
2. ALL DOORS TO HAVE FULL HEIGHT C-SHAPED EDGE PROTECTION, ARMOR STRETCHER AND 12" KICK PLATES AS SHOWN ON ELEVATION DRAWINGS. (TO MATCH OWNER REQUIREMENTS)

DOOR SCHEDULE

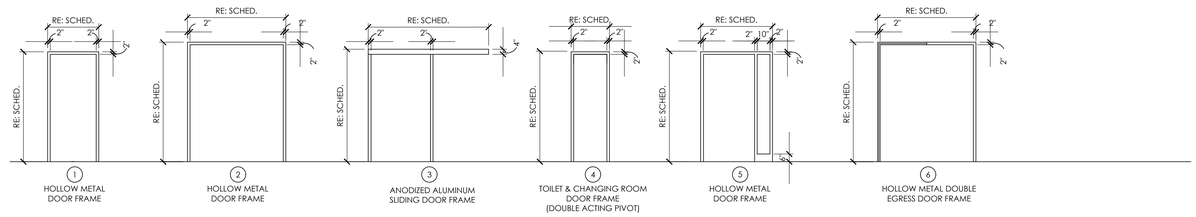
DOOR NO.	DOORS: SIZE WIDTH	SIZE HEIGHT	SIZE TH.	TYPE	MATERIAL / FINISH	UNDERCUT	LABEL RATING	FRAMES: OVERALL SIZE WIDTH	OVERALL SIZE HEIGHT	OVERALL SIZE DEPTH	TYPE	HEAD/JAMB DETAIL NUMBERS	MATERIAL / FINISH	THRESHOLD	GLASS TYPE	HARDWARE SET	REMARKS
D01	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	VIF	1	3,4/A901	HM/PT	-	--	1	--
D02	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	3,4/A901	HM/PT	-	--	2	--
D03	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	3,4/A901	HM/PT	-	--	2	--
D04	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	3,4/A901	HM/PT	-	--	2	--
D05						--	-								--		NOT USED
D06	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	3,4/A901	HM/PT	-	--	6	
D07	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	VIF	1	3,4/A-901	HM/PT	-	--	3	--
D08						--								-	-	-	NOT USED
D09	6'-8"	7'-0"	1 3/4"	N	WD/ST	--	90	7'-2"	7'-2"	7 1/8"	2	4/A901	HM/PT	-	FG-90	4	--
D10	3'-6"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-10"	7'-2"	VIF	1	1,2/A901	HM/PT	-	--	5	--
D11	6'-8"	7'-0"	1 3/4"	N	WD/ST	--	--	7'-2"	7'-2"	5 7/8"	6	12,13/A901	HM/PT	-	-	6	--
D12	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	15/A901	ALUM	-	--	9	--
D13	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	1	1,2/A901	HM/PT	-	--	9	--
D14	6'-8"	7'-0"	1 3/4"	N	WD/ST	--	-	7'-2"	7'-2"	5 7/8"	6	12,13/A901	HM/PT	-	-	6	--
D15	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	3,4/A901	HM/PT		-	9	--
D16	4'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	4'-4"	7'-2"	7"	1	1,2/A901	HM/PT	-	-	10	--
D17	3'-0"	7'-0"	-	S	WD	--	--	3'-4"	7'-2"	-	3	10,11/A901	-	-	--	17	SLIDING DOOR
D18	4'-0"	7'-0"	1 3/4"	F	WD/ L	--	-	4'-4"	7'-2"	-	-	33,34,35/A901	-	-	--	18	LEAD LINED DOOR AND FRAME
D19	3'-0" + 2'-2"	7'-0"	1 3/4"	-	WD	--	-	5'-6"	7'-2"	5 1/4"	1	/A901	-	-	--	19	NOTE 1
D20	1'-6" + 1'-6"	7'-0"	1 3/4"	F	WD	--	-	3'-4"	7'-2"	5 1/4"	-	/A901	-	-	--	19	
D21	1'-6" + 1'-6"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 1/4"	-	/A901	-	-	-	19	--
D22	3'-0"	6'-0"	1 3/4"	F	HM/PT	--	-	3'-4"	7'-2"	5 7/8"	4	8,8/A901	HM/PT	-	--	11	
D23	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	8,9/A901	HM/PT	-	--	11	-
D24	4'-0"	7'-2"	1 3/4"	F	HM/PT	--	-	4'-4"	7'-2"	6 1/8"	1	5,6/A901	HM/PT	-	--	18	LEAD LINED DOOR & FRAME
D25	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	5,6/A901	HM/PT	-	--	18	LEAD LINED DOOR & FRAME
D26	6'-8"	7'-0"	1 3/4"	N	WD/ST	--	45	7'-2"	7'-2"	5 7/8"	2	14/A901	HM/PT	-	--	12	-
D27	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	3,4/A901	HM/PT	-	--	13	-
D28	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	6 1/8"	3	10,11/A901	ALUM.	-	F-45	8	SLIDING DOOR LEAD LINED DOOR & FRAME
D29	3'-0"	7'-0"	1 3/4"	S	-	--	-	3'-4"	7'-4"	-	3	10,11/A901	ALUM	-	--	17	SLIDING DOOR
D30	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	1,2/A901	HM/PT	-	--	14	--
D31	3'-0"	7'-0"	1 3/4"	S	WD/ST	--	-	3'-4"	7'-2"	-	1	10,11/A901	ALUM	-	-	17	SLIDING DOOR
D32	2'-2"	6'-0"	1 3/4"	C	WD/ST	--	-	2'-6"	7'-2"	5 7/8"	4	8,9/A901	HM/PT	-	-	11	--
D33	2'-2"	6'-0"	1 3/4"	C	WD/ST	--	-	2'-6"	7'-2"	5 7/8"	4	8,9/A901	HM/PT	-	-	11	--
D34	2'-2"	6'-0"	1 3/4"	C	WD/ST	--	-	2'-6"	7'-2"	5 7/8"	4	8,9/A901	HM/PT	-	-	11	--
D35	2'-2"	6'-0"	1 3/4"	C	WD/ST	--	-	2'-6"	7'-2"	5 7/8"	4	8,9/A901	HM/PT	-	-	11	--
D36	2'-2"	6'-0"	1 3/4"	C	WD/ST	--	-	2'-6"	7'-2"	5 7/8"	4	8,9/A901	HM/PT	-	-	11	--
D37	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	1	1,2/A901	HM/PT	-	-	14	-
D38	3'-0"	6'-0"	1 3/4"	C	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	4	8,9/A901	HM/PT	-	-	11	--
D39	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	1	8,9/A901	HM/PT	-	--	11	--
D40	3'-0"	7'-0"	1 3/4"	N	WD/ST	--	-	4'-5"	7'-2"	5 7/8"	5	1,2/A901	HM/PT	-	LG-1	7	-
D41	3'-0"	7'-0"	1 3/4"	V	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	5	3,4/A901	HM/PT	-	--	2	--
D42	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	VIF	1	1,2/A901	HM/PT	-	--	1	--
D43	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	7 1/8"	5	1,2/A901	HM/PT	-	--	1	
D44	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	1	8,9/A901	HM/PT	-	-	11	--
D45	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	-	3'-4"	7'-2"	5 7/8"	1	8,9/A901	HM/PT	-	-	11	-
D46	2'-6" + 2'-6"	7'-0"	1 3/4"	F	HM/PT	--	--	5'-4"	7'-2"	VIF	2	3,4/A901	HM/PT	-	-	27	-
D47	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	VIF	1	1,2/A901	HM/PT	-	--	3	--
D48	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	5 7/8"	1	1,2/A901	HM/PT	-	--	15	-
D49	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	5 7/8"	1	1,2/A901	HM/PT	-	--	16	-
D50	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	1	8,9/A901	HM/PT	-	--	11	--
D51	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	5 7/8"	1	1,2/A901	HM/PT	-	--	15	--
D52	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	--	3'-4"	7'-2"	5 7/8"	1	8,9/A901	HM/PT	-	--	11	--
D53	3'-0"	7'-0"	1 3/4"	F	WD/ST	--	90	3'-4"	7'-2"	VIF	1	3,4/A901	HM/PT	-	--	7	--
D54	2'-6"	7'-0"	1 3/4"	F	WD/ST	--	90	2'-10"	7'-2"	7 1/8"	1	2,4/A901	HM/PT	-	--	20	-
D55	2'-6"+2'6"	7'-0"	1 3/4"	F	WD/ST	--	90	5'-4"	7'-2"	7 1/8"	2	2,4/A901	HM/PT	-	--	21	--
D56	2'-6"+2'6"	7'-0"	1 3/4"	F	WD/ST	--	90	5'-4"	7'-2"	7 1/8"	2	2,4/A901	HM/PT	-	--	21	--
D57	2'-6"+2'6"	7'-0"	1 3/4"	F	WD/ST	--	90	5'-4"	7'-2"	7 1/8"	2	2,4/A901	HM/PT	-	--	21	--
D58	2'-6"	7'-0"	1 3/4"	F	WD/ST	--	90	2'-10"	7'-2"	7 1/8"	1	2,4/A901	HM/PT	-	--	20	-

SCHDULE NOTES:
1. PROVIDE DOOR GRILLS 2'-0" + 1'-4" WIDE X 2'-6" HIGH.

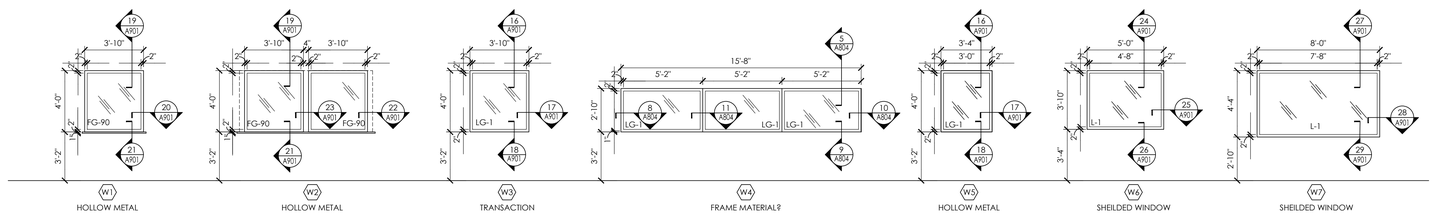
DOOR TYPES
SCALE: 1/4" = 1'-0"



DOOR FRAME TYPES
SCALE: 1/4" = 1'-0"



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



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LATHAM, NY 12110
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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION

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PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	CG	CMG

SCALE C

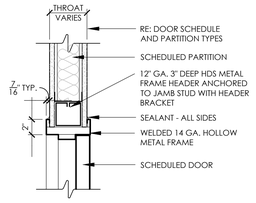
SHEET TITLE
DOOR AND WINDOW, FRAME TYPES, & SCHEDULE

PROJECT NUMBER
15068.00

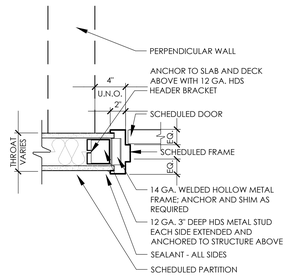
A
900
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

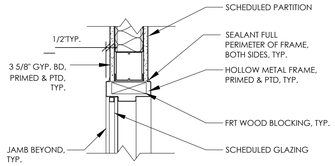
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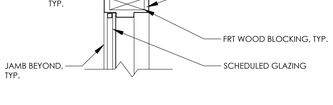
1 A900 HEAVY DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"



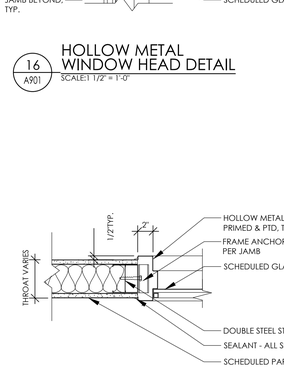
2 A900 HEAVY DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"



16 A901 HOLLOW METAL WINDOW HEAD DETAIL
SCALE:1 1/2" = 1'-0"



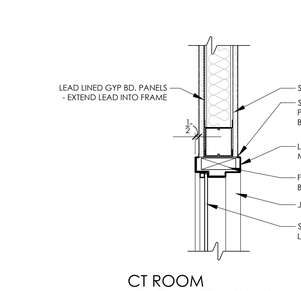
17 A901 HOLLOW METAL WINDOW JAMB DETAIL
SCALE:1 1/2" = 1'-0"



18 A901 HOLLOW METAL WINDOW SILL DETAIL
SCALE:1 1/2" = 1'-0"

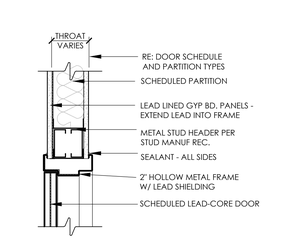
3 A900 DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"

4 A900 DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"

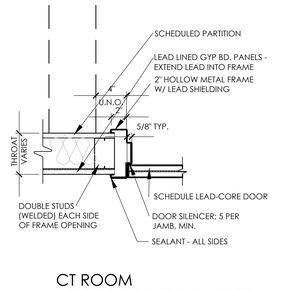


19 A901 HOLLOW METAL WINDOW HEAD DETAIL
SCALE:1 1/2" = 1'-0"

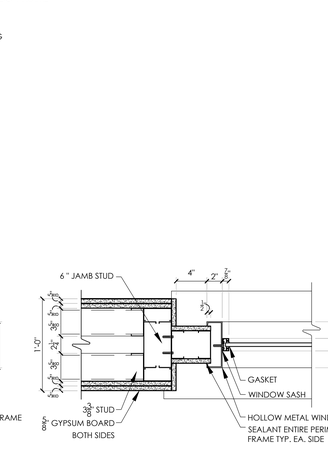
20 A901 HOLLOW METAL WINDOW JAMB DETAIL
SCALE:1 1/2" = 1'-0"



5 A901 CT ROOM LEAD LINED HOLLOW METAL DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"

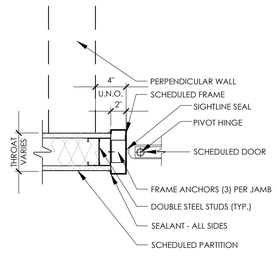


6 A901 CT ROOM LEAD LINED HOLLOW METAL DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"



22 A901 HOLLOW METAL WINDOW JAMB DETAIL
SCALE:1 1/2" = 1'-0"

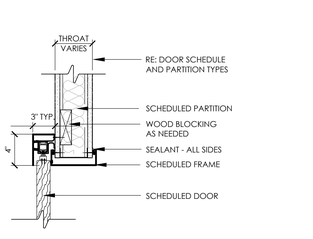
8 A900 PIVOT DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"



9 A900 PIVOT DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"

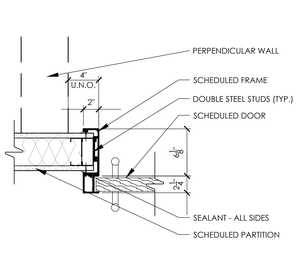
24 A901 CT ROOM LEAD LINED HOLLOW METAL WINDOW HEAD DETAIL
SCALE:1 1/2" = 1'-0"

23 A901 HOLLOW METAL WINDOW JAMB DETAIL
SCALE:1 1/2" = 1'-0"



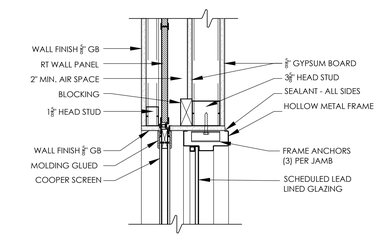
10 A901 DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"

NOTE: LEAD LINED DOOR AND FRAME AT D28

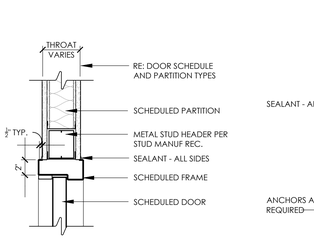


11 A901 DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"

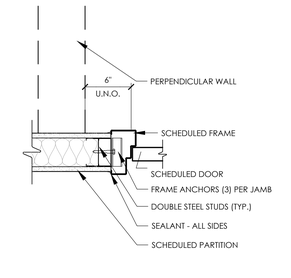
NOTE: LEAD LINED DOOR AND FRAME AT D28



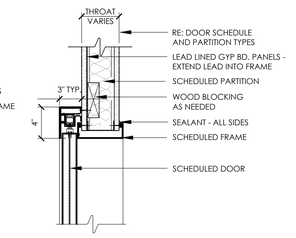
27 A901 MRI ROOM COPPER SCREEN & HOLLOW METAL WINDOW HEAD DETAIL
SCALE:1 1/2" = 1'-0"



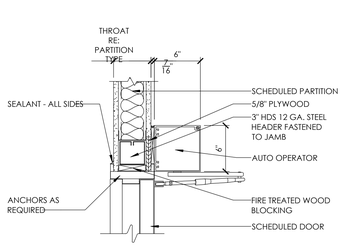
12 A901 DOUBLE EGRESS DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"



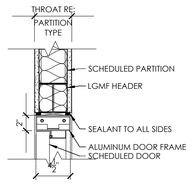
13 A901 DOUBLE EGRESS DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"



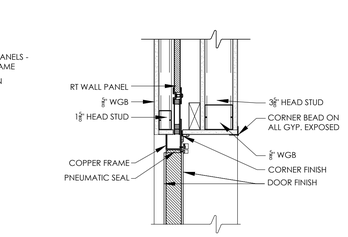
30 A901 CT ROOM LEAD LINED HOLLOW METAL SLIDING DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"



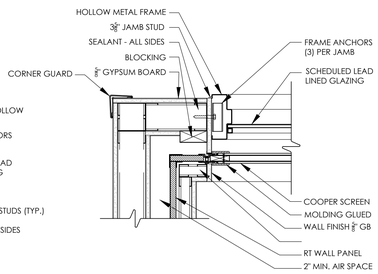
14 A901 AUTO OPERATOR DETAIL
SCALE:1 1/2" = 1'-0"



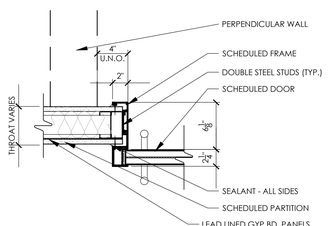
15 A901 CLEAN RM DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"



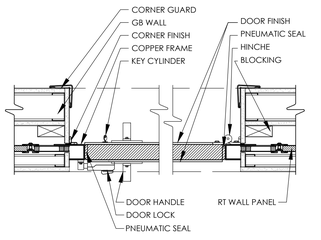
31 A901 MRI ROOM COPPER FRAME PNEUMATIC DOOR HEAD DETAIL
SCALE:1 1/2" = 1'-0"



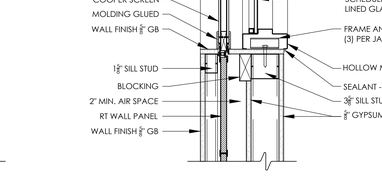
28 A901 MRI ROOM COPPER SCREEN & HOLLOW METAL WINDOW JAMB DETAIL
SCALE:1 1/2" = 1'-0"



31 A901 CT ROOM LEAD LINED HOLLOW METAL SLIDING DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"

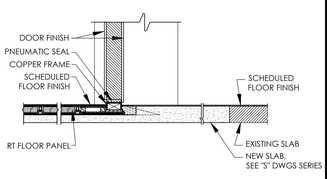


34 A901 MRI ROOM COPPER FRAME PNEUMATIC DOOR JAMB DETAIL
SCALE:1 1/2" = 1'-0"



26 A901 CT ROOM LEAD LINED HOLLOW METAL WINDOW SILL DETAIL
SCALE:1 1/2" = 1'-0"

29 A901 MRI ROOM COPPER SCREEN & HOLLOW METAL WINDOW SILL DETAIL
SCALE:1 1/2" = 1'-0"



35 A901 MRI ROOM COPPER FRAME PNEUMATIC DOOR SILL DETAIL
SCALE:1 1/2" = 1'-0"

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LATHAM, NY 12110
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PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	CG	CMG

SCALE C

SHEET TITLE
DOOR AND WINDOW DETAILS

PROJECT NUMBER
15068.00

A901
DRAWING NUMBER

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Date last accessed: 3/8/2021 6:18 PM
Plotted By: Charlene Gabriel
Date last plotted: 3/9/2021 8:31 AM

FINISH PLAN GENERAL NOTES

1. ALL FLOOR FINISHES SHALL TRANSITION AT THE CENTERLINE OF DOOR, UNLESS OTHERWISE NOTED.
2. ALL NEW LOUVERS, VENTS, GRILLES AND OTHER MISC. MECHANICAL & ELECTRICAL DEVICES ARE TO BE PAINTED TO MATCH SURFACE ON WHICH THEY APPEAR, UNLESS OTHERWISE NOTED.
3. REFER TO A600 SERIES DRAWING FOR ALL CEILING FINISHES AND SOFFIT COLORS.
4. REFER TO THE INTERIOR ELEVATIONS ON A700 SERIES DRAWINGS FOR ALL NEW HIGH PRESSURE PLASTIC LAMINATE (HPL-1) AND HIGH PRESSURE PLASTIC LAMINATE COUNTERS (HPL-2).
5. ALL GROUT TO BE SEALED A MINIMUM OF TWO TIMES PRIOR TO COMPLETION.
6. WHERE KICKSPACES OCCUR AT MILLWORK, NEW FLOOR FINISH SHOWN ON PLANS SHALL RUN UNDERNEATH KICKSPACE AS WELL.
7. PROVIDE NEW ADA COMPLIANT TRANSITION STRIPS AT ALL LOCATIONS WHERE NEW FLOORING IS INSTALLED.
8. PAINT ALL HOLLOW METAL DOOR AND WINDOW FRAMED TO BE (PT-6).

WALL PROTECTION GENERAL NOTES

1. DO NOT INSTALL HANDRAILS ON WALLS LESS THAN 1'-6" WIDE OR BEHIND DOORS.
2. DO NOT INSTALL WALL GUARDS ON WALLS LESS THAN 0'-6" WIDE OR BEHIND DOORS.
3. AREAS WITHOUT WALL PROTECTION NOTES SHALL NOT RECEIVE WALL PROTECTION.
4. ALL WALL PROTECTION SHALL RUN UNDERNEATH WINDOW SILLS UNLESS NOTED OTHERWISE.
5. ALL WALL PROTECTION SHALL RUN UNDERNEATH OPEN COUNTER AREAS WHERE WALLS RECIEVE WALL PROTECTION, UNLESS NOTED OTHERWISE.
6. INSTALL CORNER GUARDS AT ALL OUTSIDE CORNERS WEATHER INDICATED ON DRAWINGS OR NOT. CORNER GUARDS TO START AT TOP OF WALL BASE TO TOP OF DOOR FRAME.
7. INSTALL WALL GUARDS AND HANDRAILS AS PER MANUFACTURE'S SUGGESTED INSTALLATION PROCEDURES.

FINISH PLAN KEYED NOTES

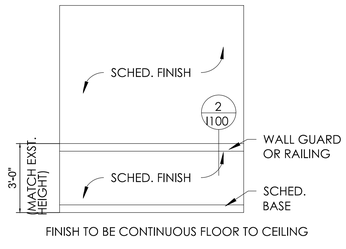
1. PATCH EXISTING WALL AT EQUIPMENT REMOVALS, PREP, PRIME AND PAINT.
2. PROVIDE WALL BASE AT NEW WALL CONSTRUCTION, PREP, PRIME AND PAINT WALL.
3. PATCH EXISTING FIELD TILE. COLOR TO MATCH EXISTING. MATCH 12" ACCENT COLOR BORDER WHERE INDICATED.
4. EXISTING FLOOR FINISH TO REMAIN.
5. PATCH TO MATCH EXISTING WALLS, AND FLOORING AND BASE IN EXISTING CORRIDORS TO ACCOMMODATE SAND, PRIME AND PAINT.
6. PROVIDE NEW FIELD TILE (VCT-1) AND 12" ACCENT BORDER (VCT-2) AS INDICATED.
7. GC TO REMOVE EXISTING HANDRAILS.
8. GC TO REPLACE EXISTING ACROVYN HANDRAILS WITH SIMILAR: COLOR - PARCHMENT
9. GC TO REPLACE EXISTING RAILING AS REQUIRED TO ACCOMMODATE ELIMINATION OF DOOR. REUSE OF EXISTING "PUMICE" RAILING SALVAGED FROM CORRIDOR RENOVATION IS ACCEPTABLE IF APPLICABLE.
10. SHEET VINYL FLOORING COLOR TO IDENTIFY 300G AND 5G LINES. COORDINATE FINAL LOCATIONS WITH ARCHITECT AND PHILIPS. FLOORING SEAMS PER MANUFACTURERS REQUIREMENTS.

FINISH SYMBOLS LEGEND & ABBREVIATIONS

ACT	ACOUSTICAL CEILING TILE	LVT	LUXURY VINYL TILE
AFF	ABOVE FINISHED FLOOR	PT	PAINT
CC	CUBICLE CURTAIN	PTM	PATCH TO MATCH
CG	CORNER GUARD	RB	RESILIENT BASE
CHR	CHAIR RAIL	RS	RESILIENT SHEET
CPT	CARPET	SSM	SOLID SURFACE MATERIAL
EPT	EPOXY PAINT	TF	TILE FLOOR
GRT	GROUT	TR	TRANSITION STRIP
GWB	GYPSUM WALL BOARD	TRIM	TRIM
HPL	HIGH PRESSURE PLASTIC LAMINATE	TW	TILE WALL
HND	HAND RAIL	WP	WALL PROTECTION
INT	INTEGRAL	WT	WINDOW TREATMENT

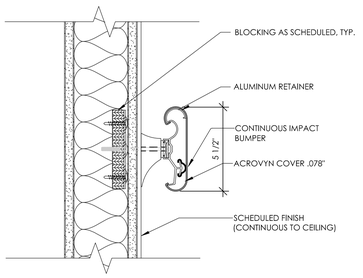
WALL FINISH(ES) WF1 WF2 — FF1 — FLOOR FINISH(ES) — BF1 — BASE FINISH

CG CORNER GUARD — XX EXTENTS OF NOTED FINISH — FLOORING DIRECTION

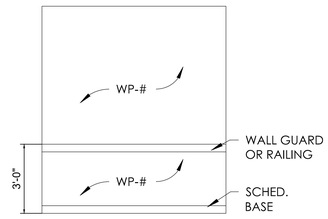


FINISH TO BE CONTINUOUS FLOOR TO CEILING

3 I100 TYPICAL WALL PROTECTION
SCALE: 3" = 1'-0"

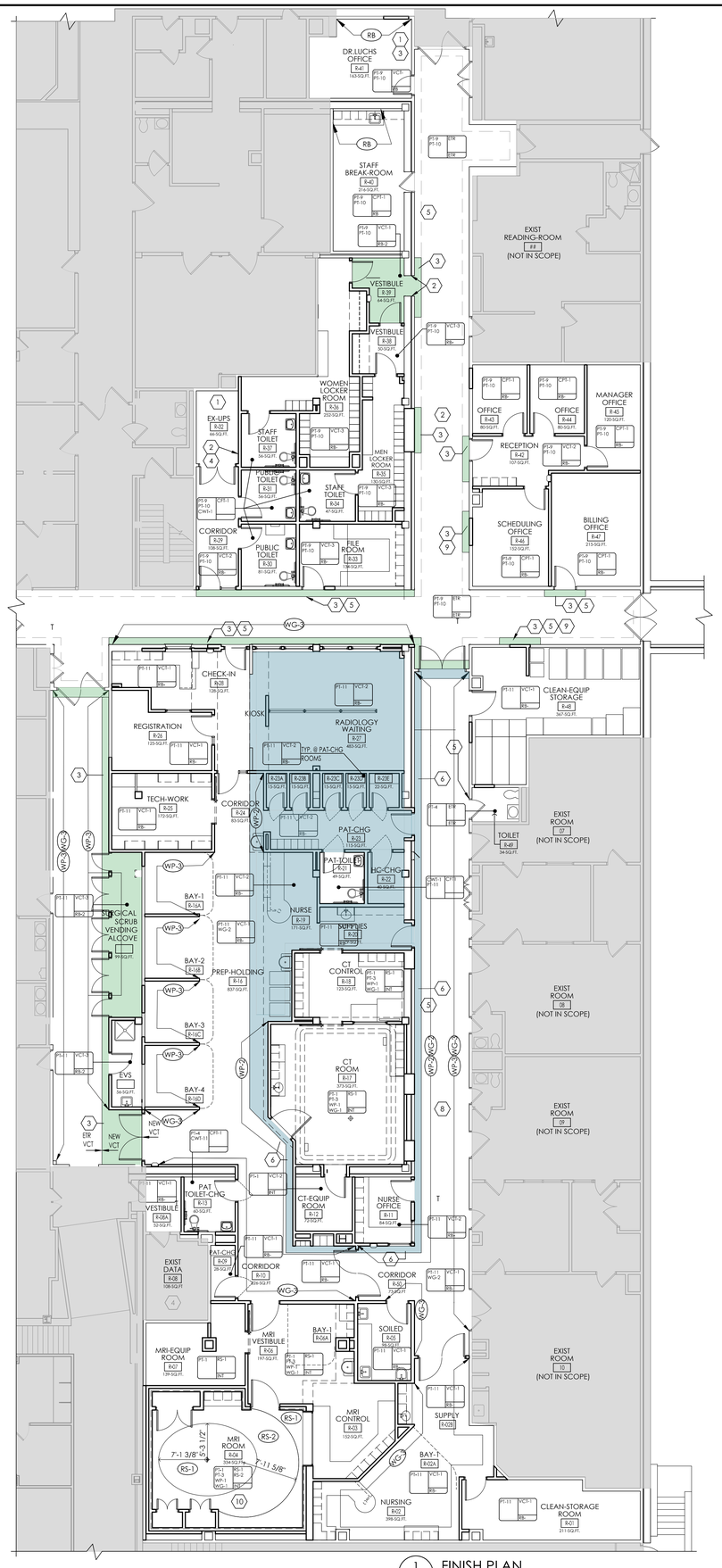


2 I100 WALL GUARD DETAIL
SCALE: 3" = 1'-0"



FINISH TO BE CONTINUOUS FLOOR TO CEILING

4 I100 TYPICAL WALL PROTECTION AT CT & MRI SUITES
SCALE: 3" = 1'-0"



1 I100 FINISH PLAN
SCALE: 1/8" = 1'-0"

FINISH SCHEDULE

FINISH CODE	MANUFACTURER	STYLE/PATTERN	COLOR	SIZE	ADDITIONAL REQUIREMENTS	REMARKS
ACOUSTICAL CEILING TILE						
ACT-1	USG	CLIMAPLUS SQUARE IN LAY	WHITE	24" X 24"	MODEL 56099 UNPERFORATED	CLEAN ROOMS AND SOILED ROOMS
ACT-2	USG	CLIMA PLUS PERFORMANCE		24" X 24"	MODEL 86785	CORRIDORS AND OFFICES
ACT-3	ARMSTRONG	1910A HUMIGUARD PLUS		24" X 24"		PUBLIC CORRIDORS
ACOUSTICAL CEILING GRID						
ACG-1	USG	DONN BRAND DX/DXL	FLAT WHITE			
ACG-2	USG	CLIMAPLUS DX/DXL 15/16	WHITE			
ACG -3	ARMSTRONG	PRELUDE XL 15/16 EXPOSED TEE				
CERAMIC TILE						
CWT-1				4" X 12"		ON TOILET ROOM WET WALLS ONLY
CFT-1				12" X 12"		
WALL PROTECTION						
WP-1	CS ACROVYN	PEBLETTE	#949 WHITE			
WP-2	CS ACROVYN	SUEDE TEXTURE	FOLKSTONE #927			
WP-3	CS ACROVYN	SUEDE TEXTURE	PARCHEMENT #253			
WALL GUARDS						
WG-1	CS ACROVYN	PEBLETTE	#949 WHITE		MODEL HRB-4C	5 1/2" HIGH CRASH RAIL AND 2" CORNER GUARDS
WG-2	CS ACROVYN		FOLKSTONE #927		MODEL HRB-4C	5 1/2" HIGH CRASH RAIL AND 2" CORNER GUARDS
WG-3	CS ACROVYN	SUEDE TEXTURE	PARCHEMENT #253		MODEL HRB-4C	5 1/2" HIGH CRASH RAIL AND 2" CORNER GUARDS
GROUT						
GRT-1						
HIGH PRESSURE LAMINATE						
HPL-1	WILSONART	FINEGRAIN FINISH	AMBER CHERRY #7919K-78			
HPL-2						
VINYL COMPOSITION TILE						
VCT-1	ARMSTRONG	PREMIUM EXCELON CROWN TEXTURE	COOL WHITE #5C899	TILE		FIELD COLOR
VCT-2	ARMSTYRONG	PREMIUM EXCELON	SOFT WARM GREY 5C861	TILE		FIELD COLOR
VCT-3	ARMSTRONG	PREMIUM EXCELON	SANDSTRIT WHITE #5C858	TILE		ACCENT COLOR
RESILIENT SHEET FLOORING						
RS-1	ARMSTRONG	MEDINTONE D-10	ALMOND #84613	SHEET		6" INTEGRAL COVE BASE
RS-2	ARMSTRONG	MEDINTONE D-10	ROCK DUST LIGHT #16307	SHEET		ACCENT COLOR WITH 6" INTEGRAL COVE BASE
CARPET						
CPT-1	SHAW	BROWN BARK	ST123			
PAINT						
PT-1	BENAJMIN MOORE	SCUFF-X	WHITE OPULANCE #OC-69	-	EGGSHELL FINISH	**WALLS**
PT-2	BENAJMIN MOORE	SCUFF-X	WHITE OPULANCE #OC-69	-	SEMI GLOSS FINISH.	DOORS AND TRIM
PT-3	BENAJMIN MOORE	SCUFF-X	DECORATORS WHITE #23	-	FLAT FINISH	**SOFFITS**
PT-4	BENAJMIN MOORE	SCUFF-X	VANILLA CREAM OC90		EGGSHELL FINISH	
PT-5	BENAJMIN MOORE	SCUFF-X	VANILLA CREAM OC90		SEMI- GLOSS FINISH	DOOR FRAME PAINT
PT-7	BENAJMIN MOORE	SCUFF-X	WATER CHESTNUT		EGGSHELL FINISH	WALLS AT EXISTING CORRIDORS
PT-8	BENAJMIN MOORE	SCUFF-X	WATER CHESTNUT		SATIN FINISH	EXISTING DOOR FRAMES IN CORRIDORS
PT-9	BENAJMIN MOORE	SCUFF-X	SHOJI		EGGSHELL FINISH	PUBLIC ROOMS OFF PUBLIC CORRIDORS
PT-10	BENAJMIN MOORE	SCUFF-X	SHOJI		SATIN FINISH	DOOR FRAMES AT PUBLIC ROOMS OFF PUBLIC CORRIDORS
PT-11	BENAJMIN MOORE	SCUFF-X	MATCH ACROVYN WP-2 PARCHMENT #253		EGGSHELL FINISH	
PT-12	BENAJMIN MOORE	SCUFF-X	MATCH ACROVYN WP-3 FOLKSTONE #927		EGGSHELL FINISH	
RESILIENT BASE						
RB-1	ARMSTRONG		SWEET CREAM #V4119	0'-6"		
RB-2	JOHNSONITE		FAWN	0'-4"		
RB-3						
SOLID SURFACE MATERIAL						
SSM-1	DUPONT	CORIAN	GLACIER WHITE	FULL SHEET	REFER TO SPECIFICATIONS	
SSM-2	DUPONT	CORIAN	COTTAGE LANE	FULL SHEET	REFER TO SPECIFICATIONS	
TRANSITIONS						
TS-2	TARKETT					
PRIVACY CURTAIN						
PC-1	MAHARAM	SIT 511462	SEAWALL 001			

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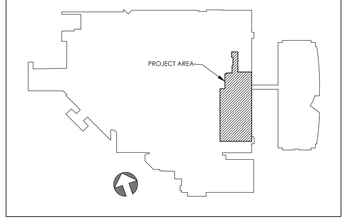
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SHEET TITLE
INTERIOR FINISH PLAN AND SCHEDULE

KEY PLAN

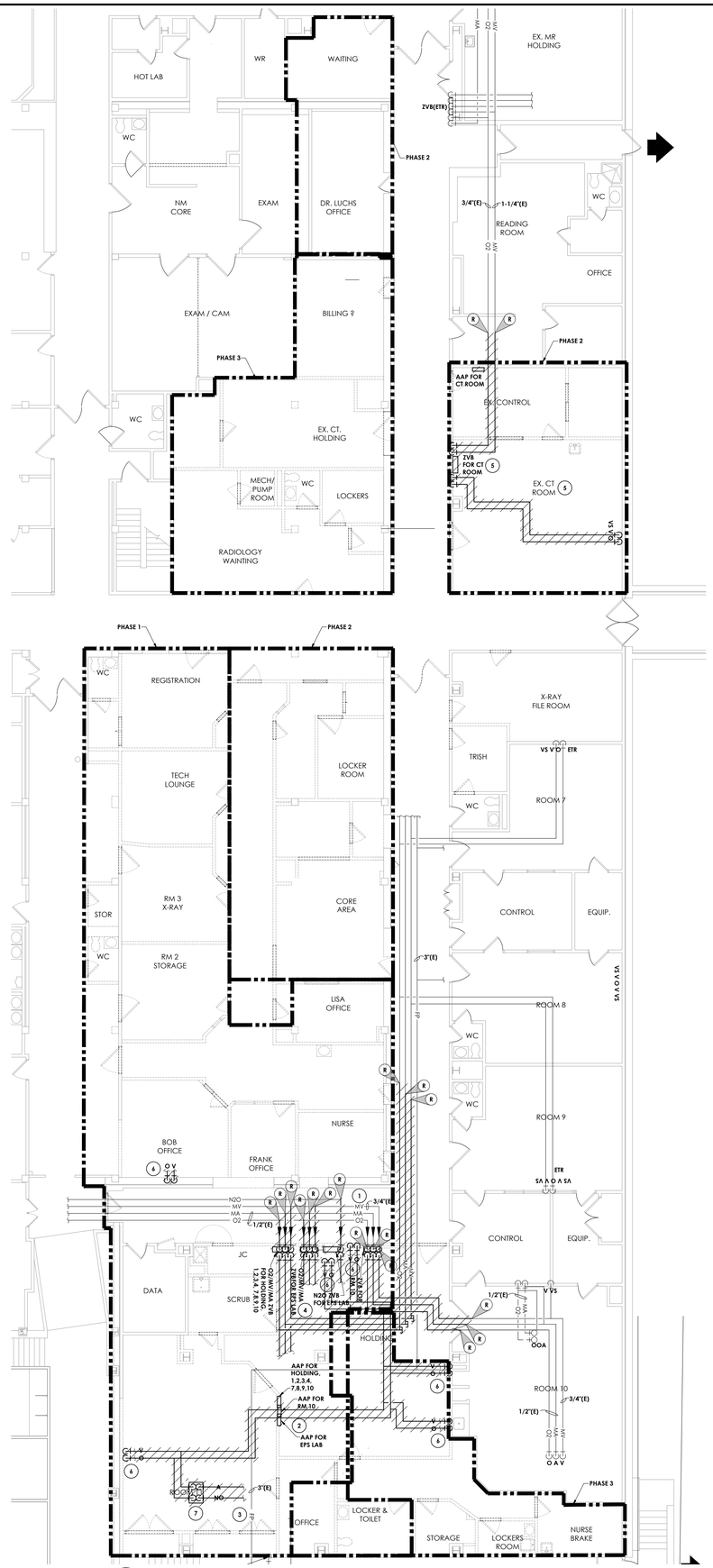


PROJECT NUMBER 15068.00

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1 / P101 **PLUMBING MED GAS & FIRE PROTECTION DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"

KEY NOTES:

1. **MEDICAL GAS ZONE VALVES MUST BE REMOVED AND RELOCATED AS INDICATED ON P401. SHUT DOWN MAY IMPACT DEPARTMENTS BEYOND RADIOLOGY. THIS WORK SHALL OCCUR EARLY IN PHASE ONE. AS THE ZONE VALVES FOR HOLDING ROOMS, XRAY 7,8,9 AND 10 MUST STAY ACTIVE DURING CONSTRUCTION. MAINTAIN/PROTECT ALL ETR MEDICAL GAS PIPING THROUGH CONSTRUCTION AREA.**
2. **AREA ALARM PANELS MUST BE REMOVED AND RELOCATED AS INDICATED ON P401. A TEMPORARY LOCATION WILL BE REQUIRED FOR AREA ALARMS WHILE PHASE 1 CONSTRUCTION IS OCCURING. TEMP LOCATION IS SHOWN ON THIS PLAN. FINAL LOCATION IS SHOWN ON P401.**
3. **MAINTAIN SPRINKLER MAIN/BRANCH PIPING THROUGH CONSTRUCTION SPACE. PIPNG MUST BE COORDINATED AND SHIELDED TO COORDINATE WITH NEW MRI EQUIPMENT BEING INSTALLED IN THIS LOCATION. REMOVE ANY EXISTING SPRINKLERS WITHIN CONSTRUCTION DEMOLITION AREAS.**
4. **DEMO MEDICAL GAS OUTLETS AND ASSOCIATED BRANCH PIPING IN EXISTING HOLDING AREA.**
5. **DEMO MEDICAL GAS OUTLETS AND ASSOCIATED BRANCH PIPING IN EXISTING CT ROOM. REMOVE EXISTING CT ROOM 2VB.**
6. **REMOVE EXISTING O2 AND MED VAC OUTLETS.**
7. **MEDICAL GAS IN CEILING TO BE REMOVED. REMOVE PLUMBING BACKFLOW ZONE VALVE (EPS LAB).**

GENERAL SPECIFICATION NOTES:

A. ALL WORK SHALL COMPLY WITH LOCAL CODES, STATE CODES AND AUTHORITY HAVING JURISDICTION.

B. DOMESTIC WATER LINES SHALL BE TYPE L COPPER, LEAD FREE JOINTS. INSULATE ALL PIPING WITH PREFORMED FIBERGLASS PIPE INSULATION WITH ASJ COVER SIZED PER ENERGY CODE. ALL FITTINGS AND VALVES TO BE COVERED WITH PREFORMED PVC FITTING COVERS. ALL EXPOSED VERTICAL FIXTURE SUPPLY LINES TO BE COVERED WITH PVC JACKET TO 7' ABOVE FINISHED FLOOR.

C. SANITARY AND STORM PIPING SHALL BE SERVICE WEIGHT CAST IRON BELOW GRADE HUB-SPIGOT AND ABOVE GRADE HEAVY DUTY NO-HUB CLAMPS. VENT PIPING SHALL BE COPPER WITH DWV COPPER FITTINGS.

D. MEDICAL GAS PIPING SHALL BE TYPE L COPPER, SEAMLESS DRAWN TEMPER THAT HAS BEEN MANUFACTURER CLEANED, PURGED AND SEALED FOR MEDICAL GAS SERVICE. MEDICAL GAS EQUIPMENT SHALL BE INSTALLED PER NFPA AND ENGAGE THIRD PARTY CERTIFIER FOR FINAL CERTIFICATION.

E. SPRINKLER PIPING AND DRAIN RISER PIPING 2" AND SMALLER SHALL BE SCHEDULE 40, COATED BLACK STEEL WITH THREADED FITTINGS AND CONNECTIONS, STANDPIPE AND SPRINKLER PIPING 2 1/2" AND LARGER SHALL BE SCHEDULE 10 COATED BLACK STEEL WITH GROOVED MECHANICAL FITTINGS AND CONNECTIONS.

F. STORM PIPING WILL NEED TO BE EXTENDED THRU FLOOR NEW ROOF AND NEW ROOF DRAINS. SECONDARY ROOF DRAINS WILL BE INSTALLED TO DAYLIGHT AT SIDE WALL BELOW ROOF DECK.

G. ALL PIPING AND CONDUIT PENETRATIONS THRU RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING.

H. DOMESTIC WATER RISERS AND MEDICAL RISERS WILL NEED TO EXTEND TO FLOOR ABOVE. MEDICAL GAS RISERS SHALL HAVE LOCKABLE RISER VALVES.

I. SANITARY VENTS, VACUUM EXHAUST AND MEDICAL AIR INTAKES WILL NEED TO BE EXTEND THRU NEW ROOF. INSTALL EXAHUSTS AND VENT AWAY FROM HVAC INTAKES AND AIR INTAKE PIPING AWAY ANY BUILDING EXHAUSTS.

J. COMPRESSED AIR PIPING SHALL BE SCH. 40 BLACK STEEL PIPE WITH THREADED CONNECTIONS AND WROUGHT THREADED FITTINGS. SIZES 2 1/2" AND LARGER SHALL BE WELDED WITH WELDED FTIINGS.

I. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PATCH AND FINISH ALL EXISTING PIPE PENETRATIONS AND TRENCHING THRU FLOOR AND WALLS AFTER DEMOLITION. IN ADDITION, ALL NEW PENETRATIONS AND TRENCHING SHALL BE PROVIDED FOR INSTALLATION OF PLUMBING SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, PIPING, ETC.

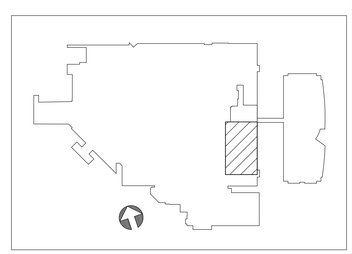
J. UNLESS OTHERWISE INDICATED ON PLANS, PROVIDE WATER HAMMER ARRESTORS ON BRANCH PIPING TO EACH TOILET ROOM, LAUNDRY ROOM, SOLENOID VALVE, OR AS OTHERWISE REQUIRED BY CODE.

PIPING LEGEND

CW	COLD WATER
HW	HOT WATER
HWR	HOT WATER RECIRCULATING
SAN	SANITARY SEWER
AW	ACID WASTE
IW	INDIRECT WASTE
ST	PRIMARY STORM
ST2	SECONDARY STORM
CA	COMPRESSED AIR
O2	OXYGEN
LO2	LIQUID OXYGEN
N2	NITROGEN
N2O	NITROUS OXIDE
CO2	CARBON DIOXIDE
VA	VACUUM
VPD	VACUUM PUMP DISCHARGE
MV	MEDICAL VACUUM
FP	FIRE PROTECTION/SPRINKLER
V	VENT
AV	ACID WASTE VENT
GV	GAS VENT
	PLUMBING TO BE REMOVED

FIXTURES & FITTINGS LEGEND

- ELBOW - TURNED UP
- ELBOW - TURNED DOWN
- PIPE CAP
- UNION
- BALL VALVE
- BALANCING VALVE
- CHECK VALVE
- BUTTERFLY VALVE
- FLOW SWITCH (WF)
- PRESSURE SWITCH (PS)
- AQUASTAT (AQ)
- PRESSURE GAUGE
- THERMOMETER
- STRAINER
- INLINE PUMP
- WATER HAMMER ARRESTER (A)
- SPRINKLER HEAD
- POINT OF CONNECTION (P)
- POINT OF REMOVAL (R)



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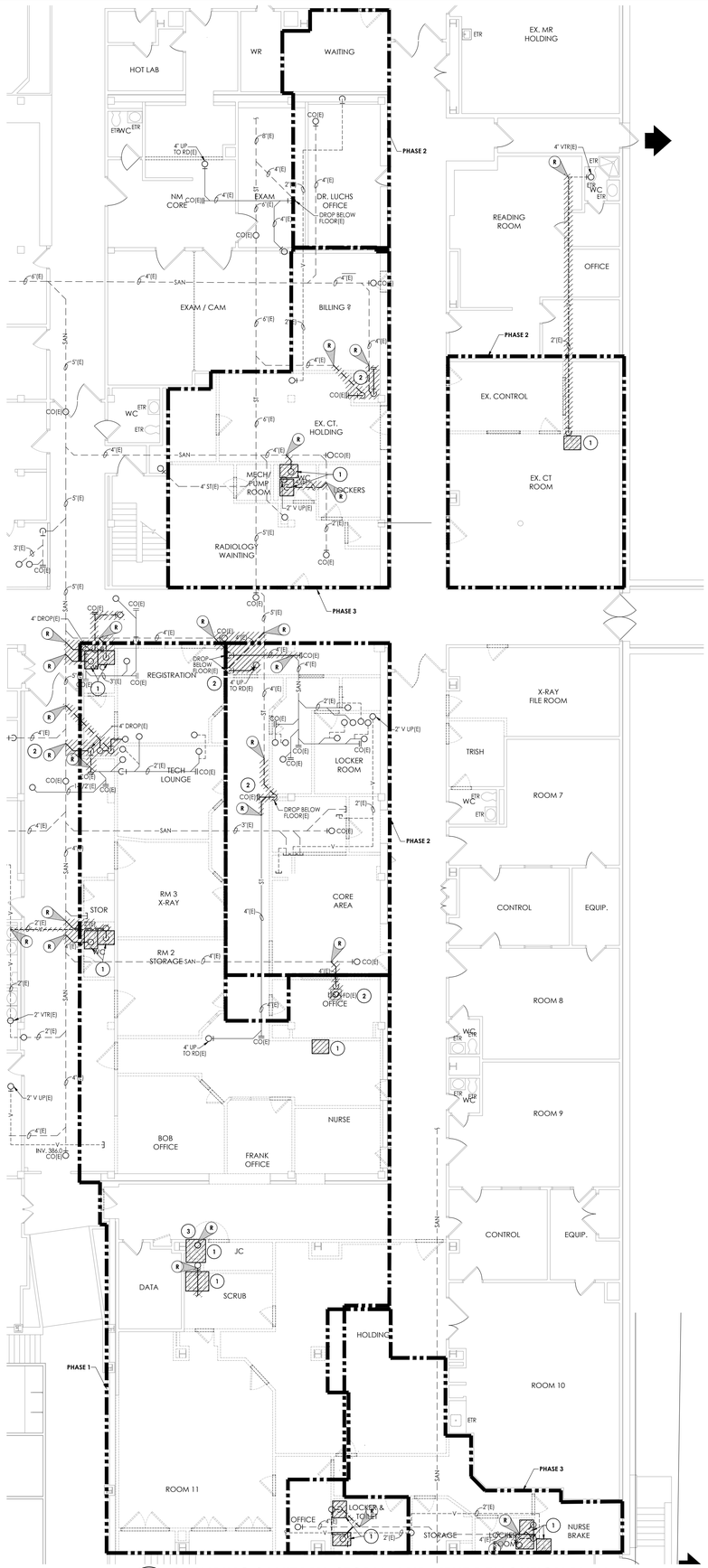
SHEET TITLE: PLUMBING MED GAS & FIRE PROTECTION DEMOLITION PLAN

PROJECT NUMBER: 15068.00

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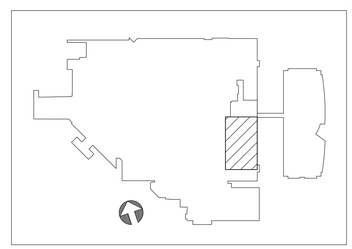
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1 P102 **PLUMBING SANITARY, STORM, AND VENT DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

KEY NOTES:

1. **REMOVE EXISTING FIXTURES. CAP DOMESTIC WATER AND VENT ABOVE CEILING AT NEAREST LIVE MAIN. LEAVE NO DEAD END BRANCH PIPING. CAP SANITARY BELOW FLOOR.**
2. **RELOCATE EXISTING 4" SANITARY AND STORM LEADER TO NEW WALL/CHASE. REFER TO P201 FOR NEW WORK.**
3. **DRAIN PIPE WITH VALVE TO MOP SINK MUST RELOCATE ABOVE CEILING TO NEW MOP RECEPTOR. REFER TO P201 FOR NEW WORK.**



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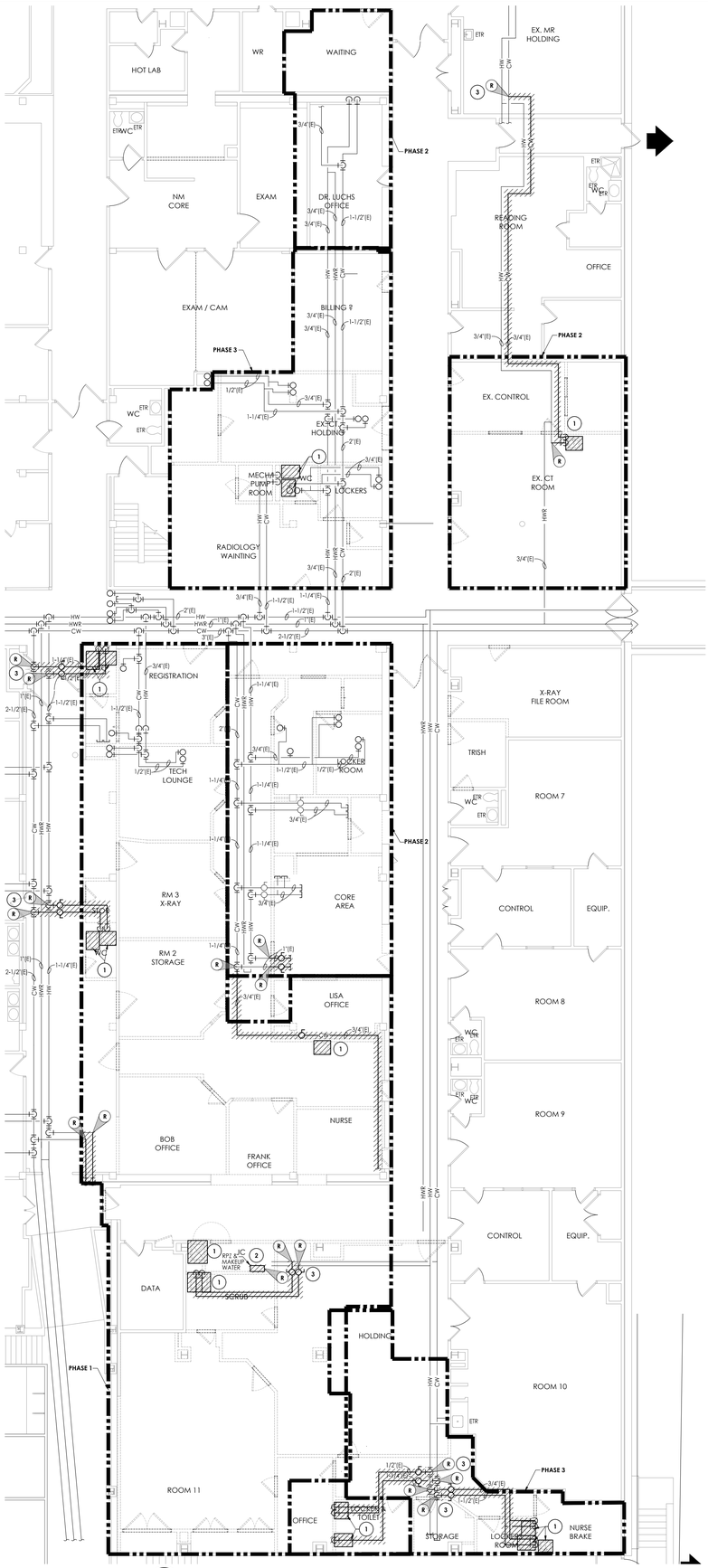
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PLUMBING SANITARY, STORM AND VENT DEMOLITION PLAN

PROJECT NUMBER
15068.00

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102
DRAWING NUMBER

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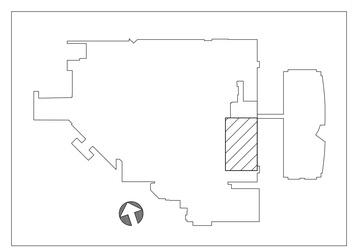
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1 P103 **PLUMBING DOMESTIC WATER DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

KEY NOTES:

1. REMOVE EXISTING FIXTURES. CAP DOMESTIC WATER AND VENT ABOVE CEILING AT NEAREST LIVE MAIN.
2. RELOCATE EXISTING RPZ/PRV MAKEUP WATER SUPPLY TO INDICATED AREA ON P301.
3. CAP AT NEAREST LIVE MAIN. NO DEAD END PIPING.



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SCALE AS SHOWN

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PLUMBING
DOMESTIC WATER
DEMOLITION PLAN

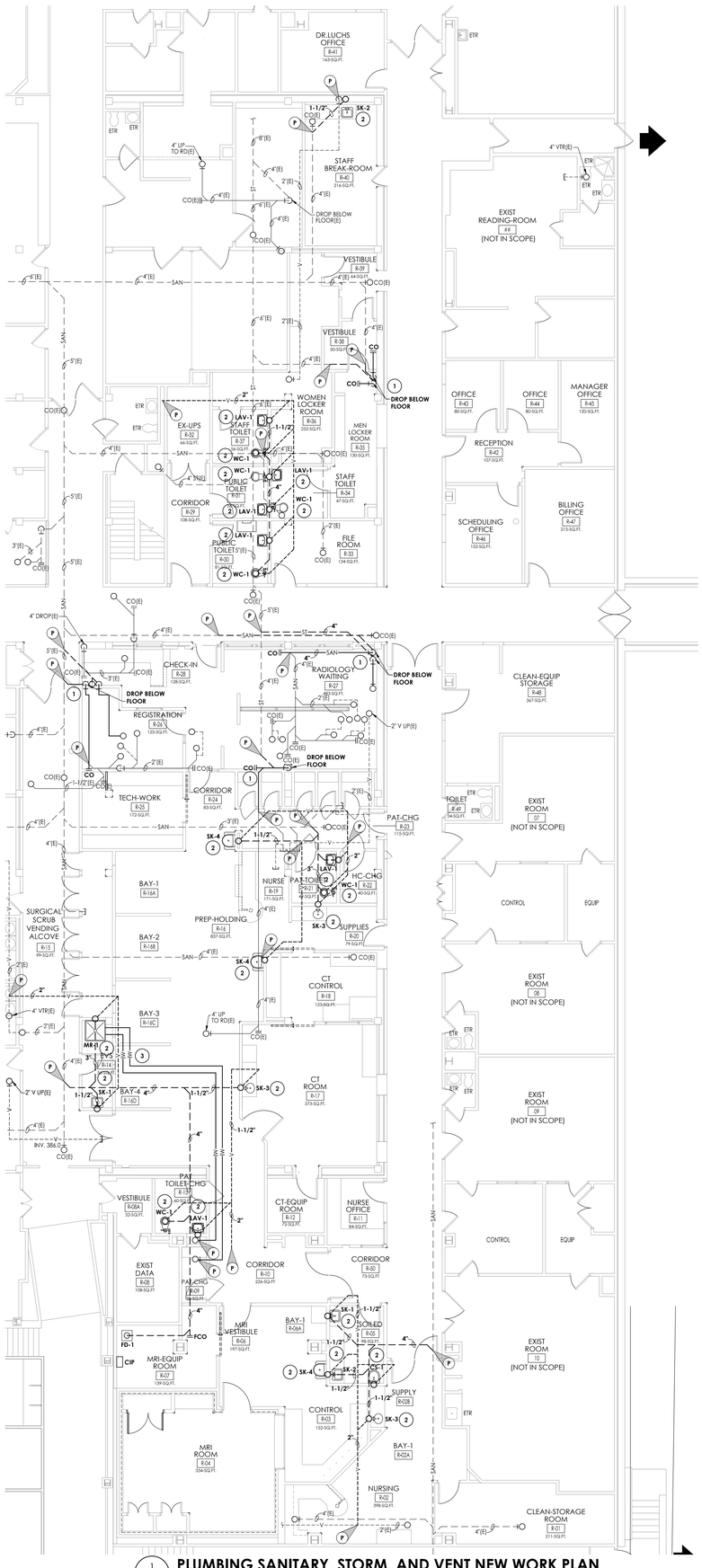
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P
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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\PLUM\P1\P103.dwg Date last accessed: 3/5/2021 7:50 AM Date last plotted: 3/5/2021 7:51 AM Plotted By: Katelyn Bendert

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 P201 **PLUMBING SANITARY, STORM, AND VENT NEW WORK PLAN**
SCALE: 1/8" = 1'-0"

KEY NOTES:

1. **RELOCATE 4" SANITARY AND/OR STORM LEADER INTO NEW CHASE. EXTEND PIPING ABOVE CEILING AND BELOW FLOOR TO RECONNECT TO EXISTING PIPING.**
2. **PROVIDE NEW FIXTURE. CONNECT TO EXISTING UNDERSLAB SANITARY AND OVERHEAD VENT BRANCHES. FLOOR TRENCHING WILL BE REQUIRED.**
3. **RELOCATE EXISTING DRAIN VALVES TO NEW MOP SINK. DISCHARGE INDIRECTLY.**

PLUMBING EQUIPMENT & FIXTURE SCHEDULE

MARK	FIXTURE	CW	HW	SAN	V	GAS	DESCRIPTION	MODEL NUMBER	REMARKS
WC-1	WATER CLOSET, ACCESSIBLE	1"	-	3"	2"	-	FLOOR MOUNT WATER CLOSET, ELONGATED BOWL FLUSH VALVE, INSTALLED AT ACCESSIBLE HEIGHT WITH FLUSH VALVE HANDLE ON OPEN SIDE	AMERICAN STANDARD MADERA 3341.001 FV-1: SLOAN 186-1.28 GPF	1
LAV-1	LAVATORY, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	WALL HUNG LAVATORY, CONCEALED ARM CARRIER, 18"X20 1/2", GOOSE NECK FAUCET, 0.5 LAMINAR ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRUEBRO BRAND HANDI-LAV GUARD	AMERICAN STANDARD 0356.015 LF-1: CHICAGO 786-GN2AFCE1ABCP 0.5 LAMINAR FLOW IN BASE OF SPOUT GRID STRAINER	1
SK-1	SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	WALL HUNG LAVATORY, CONCEALED ARM CARRIER, 18"X20 1/2", GOOSE NECK FAUCET, 1.5 LAMINAR ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRUEBRO BRAND HANDI-LAV GUARD	AMERICAN STANDARD 0356.015 SF-1: CHICAGO 786-GN2AFCE1ABCP 1.5 LAMINAR FLOW IN BASE OF SPOUT GRID STRAINER	1
SK-2	SINK	1/2"	1/2"	1 1/2"	1 1/2"	-	COUNTER MOUNT, SINGLE BOWL, STAINLESS STEEL, DEEP SINK, OD 22"X25", ID 16"X22", 10 1/2" DEEP, GOOSENECK FAUCET WITH WRISTBLADES	JUST MANUFACTURING SLX-2125-16-GR SF-2: CHICAGO FAUCET 786-GN8FCXKABCP JUST J-35 CUP STRAINER	-
SK-3	SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	COUNTER MOUNT SOLID SURFACE INTEGRAL W/ MILLWORK SINK, OD 18"X20", ID 11-1/2"X16", 6" DEEP, GOOSENECK FAUCET WITH WRISTBLADES	SINK BOWL - REFER TO ARCH PLANS/SPECS SF-2: CHICAGO FAUCET 786-GN8FCXKABCP	1
SK-4	SINK, ACCESSIBLE	1/2"	1/2"	1 1/2"	1 1/2"	-	SEMI-COUNTERTOP SINK, CONCEALED ARM CARRIER, 21-1/2"X22", GOOSE NECK FAUCET, MOUNTED AT ACCESSIBLE HEIGHT, TRAPS AND SUPPLIES INSULATED WITH TRUBRO BRAND HANDI-LAV GUARD	AMERICAN STANDARD 9960.803 SF-2: CHICAGO FAUCET 786-GN8FCXKABCP	1
CS-1	CLINICAL SINK	1"	1/2"	4"	2"	-	WALL MOUNTED, VITREOUS CHINA, BLOW-OUT FLUSHING, WALL MOUNTED 8" BODY, ADJUSTABLE ARMS, VACUUM BREAKER, WALL MOUNTED PEDAL VALVE BED PAN CLEANER W/ 4FT HOSE AND MANUAL FLUSH VALVE 6.5 GPF	AMERICAN STANDARD 9512999.020 SF-3: CHICAGO FAUCET 814CR20246 SF-4: CHICAGO FAUCET 910-G806CP FV-2: SLOAN ROYAL 117-6.5	-
FD-1	FLOOR DRAIN	-	-	-	2"	-	FLOOR DRAIN, 8" ROUND NICKEL BRONZE STRAINER, CAST IRON BODY, DEEP SEAL P TRAP	JOSAM 30000-A	2
HB-1	HOSE BIBB	3/4"	-	-	-	-	KEY OPERATED, MODERATE CLIMATE, CONCEALED OUTLET, FLUSH MOUNTING BOX WITH COVER, INTEGRAL VACUUM BREAKER WITH HOSE CONNECTION	ZURN Z1350	-
EWC-1	ELECTRIC WATER COOLER BI-LEVEL, ACCESSIBLE	1/2"	-	2"	1 1/2"	-	BI-LEVEL ELECTRIC WATER COOLER, MOUNTED AT ACCESSIBLE HEIGHT, FRONT PUSH PADS FILTER WATER AND BOTTLE FILLER	ELKAY LZSTLRWSLK	1
MR-1	MOP RECEPTOR	3/4"	3/4"	3"	1 1/2"	-	FLUSH TO WALL, FLOOR MOUNTING, PRECAST TERRAZZO BASIN WITH RIM GUARD, 36"x36" SQUARE, 12" HIGH WALL MOUNT FAUCET WITH PAIL HOOK & WALL BRACE 30" LONG HOSE, HOSE BRACKET, MOP HANGER	ACORN TSH-24-SSC SF-5: CHICAGO FAUCET 897-RCF	-

REMARKS

1. ALL ACCESSIBLE EQUIPMENT/FIXTURES TO BE INSTALLED PER ADA REQUIREMENTS.
2. SIZED PER PLAN.

GENERAL PLUMBING EQUIPMENT & FIXTURE COMMENT

A. PLUMBING CONTRACTOR SHALL PROVIDE ALL RISERS, CARRIERS, P-TRAPS, STOPS, STRAINERS, TAIL PIECES, DRAINS, ETC. REQUIRED TO HAVE A COMPLETE INSTALLATION.

B. ALL EQUIPMENT/FIXTURES NOT USED IN ALL SCHOOLS.

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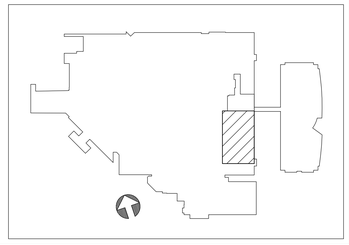
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SCALE AS SHOWN

SHEET TITLE
PLUMBING SANITARY, STORM AND VENT NEW WORK PLAN



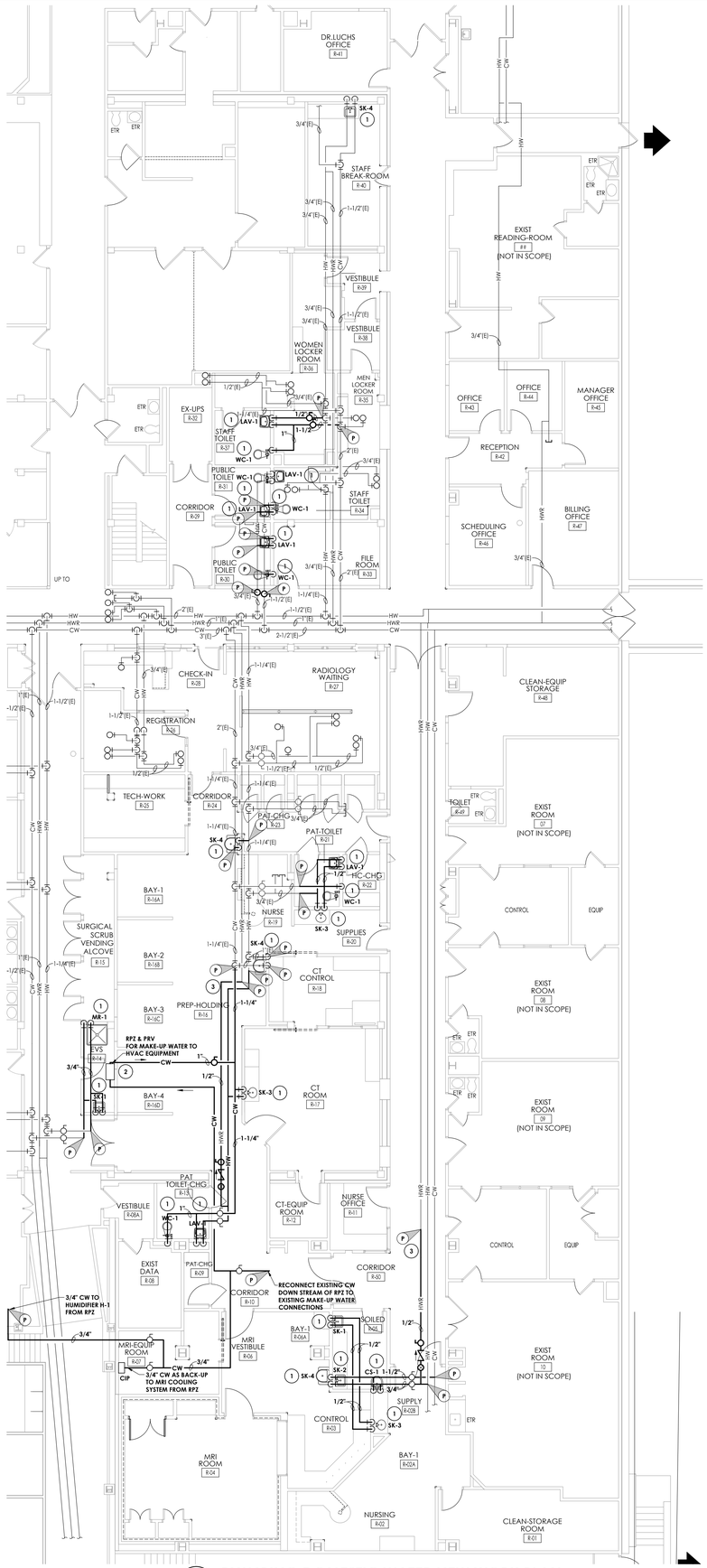
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1 P301 **PLUMBING DOMESTIC WATER NEW WORK PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. ALL NEW FIXTURES THAT REQUIRE DOMESTIC HW SHALL BE WITHIN 10' OF CIRCULATING MAIN.

KEY NOTES:

1. PROVIDE NEW FIXTURE. CONNECT TO EXISTING CW AND HW MAINS.
2. RELOCATE RPZ/PRV FROM EXISTING JANITORS CLOSET TO NEW LOCATION. MOUNT HIGH ON WALL. DISCHARGE RPZ DRAIN INDIRECTLY TO MOP SINK. RECONNECT TO INDICATED AREA.
3. EXTEND EXISTING WATER MAINS TO NEW FIXTURES. EXTEND EXISTING HOT WATER AND RETURN LOOP PIPING AS INDICATING. RE-BALANCE TO ENSURE FLOW TO ALL NEW AND EXISTING FIXTURES.

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SCALE AS SHOWN

SHEET TITLE
PLUMBING
DOMESTIC WATER
NEW WORK PLAN

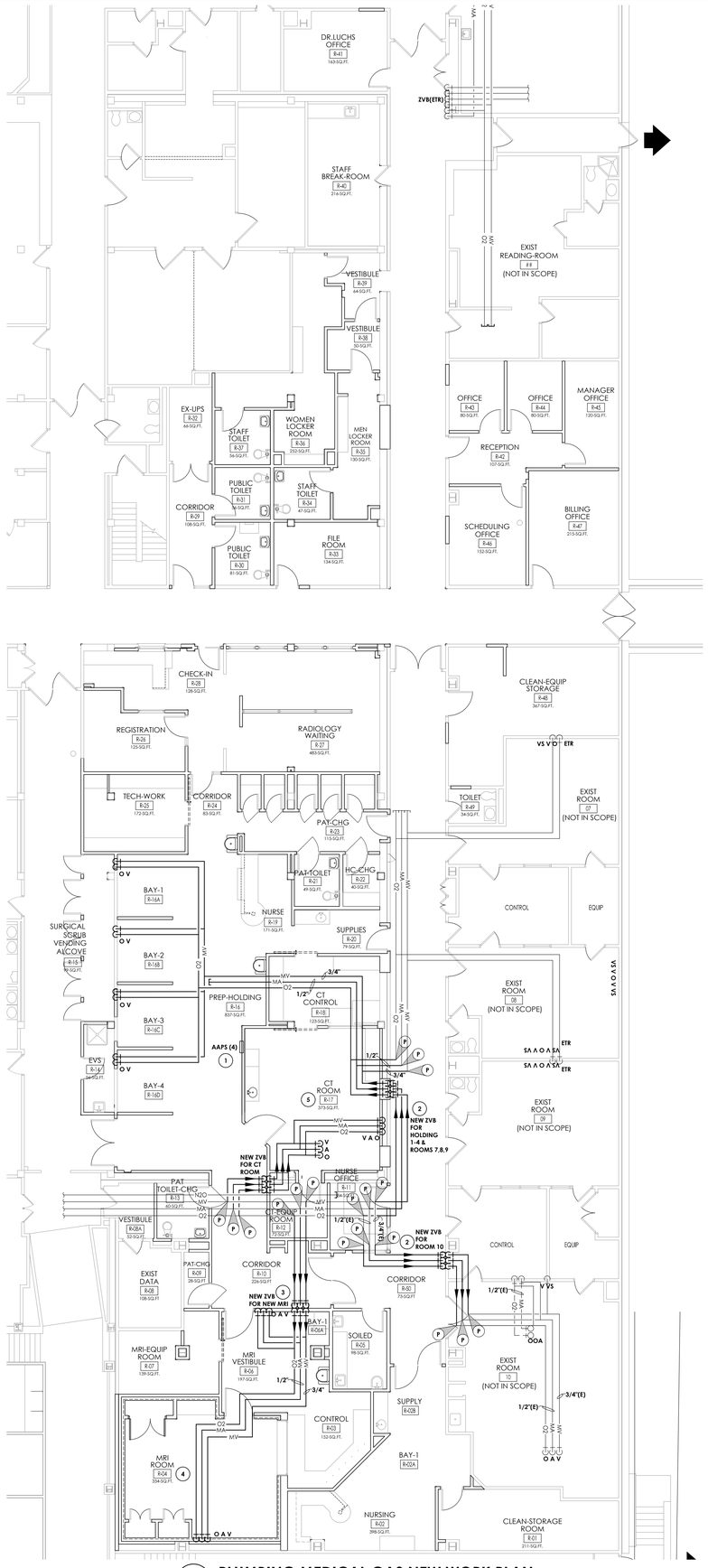
PROJECT NUMBER
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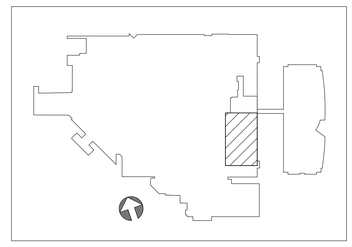
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1 P401 **PLUMBING MEDICAL GAS NEW WORK PLAN**
SCALE: 1/8" = 1'-0"



GENERAL NOTES:

1. ALL MEDICAL GAS EQUIPMENT SHALL BE COMPATIBLE WITH OWNER STANDARDS: BEACON MEDAES SERIES B.

KEY NOTES:

1. RELOCATE AAP FOR ROOM #10 AND PROVIDE NEW AAP PANELS FOR THE 1,2,3,4,7,8,9 ZONE AND THE NEW MRI AND CT ZONES. AREA ALARM PANEL MUST READ SIGNALS FOR THE FOUR ZONES, 3 GASES EACH. TOTAL 12 SIGNALS.
2. RELOCATE ZONE VALVES FOR ROOM #10 AND FOR ZONE FOR ROOMS 1,2,3,4,7,8,9 AS INDICATED. OPEN AND PATCH EXISTING WALLS AS REQUIRED. COORDINATE WITH GC.
3. PROVIDE NEW ZONE VALVE (1/2" O2, 1/2" MA AND 3/4" MV) FOR NEW MRI ROOM.
4. PROVIDE NEW WALL OUTLETS FOR O2, MA, AND MV IN MRI ROOM. ALL EQUIPMENT AND PIPING MUST BE LISTED FOR USE IN AN MRI SPACE. COORDINATE LOCATION AND PIPE PASS THRU WITH ARCHITECTURAL AND PHILIPS SHIELDING PLANS.
5. PROVIDE NEW WALL OUTLETS FOR O2, MA AND MV IN CT ROOM FROM NEW ZONE VALVE.

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SHEET TITLE
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MEDICAL GAS
NEW WORK PLAN

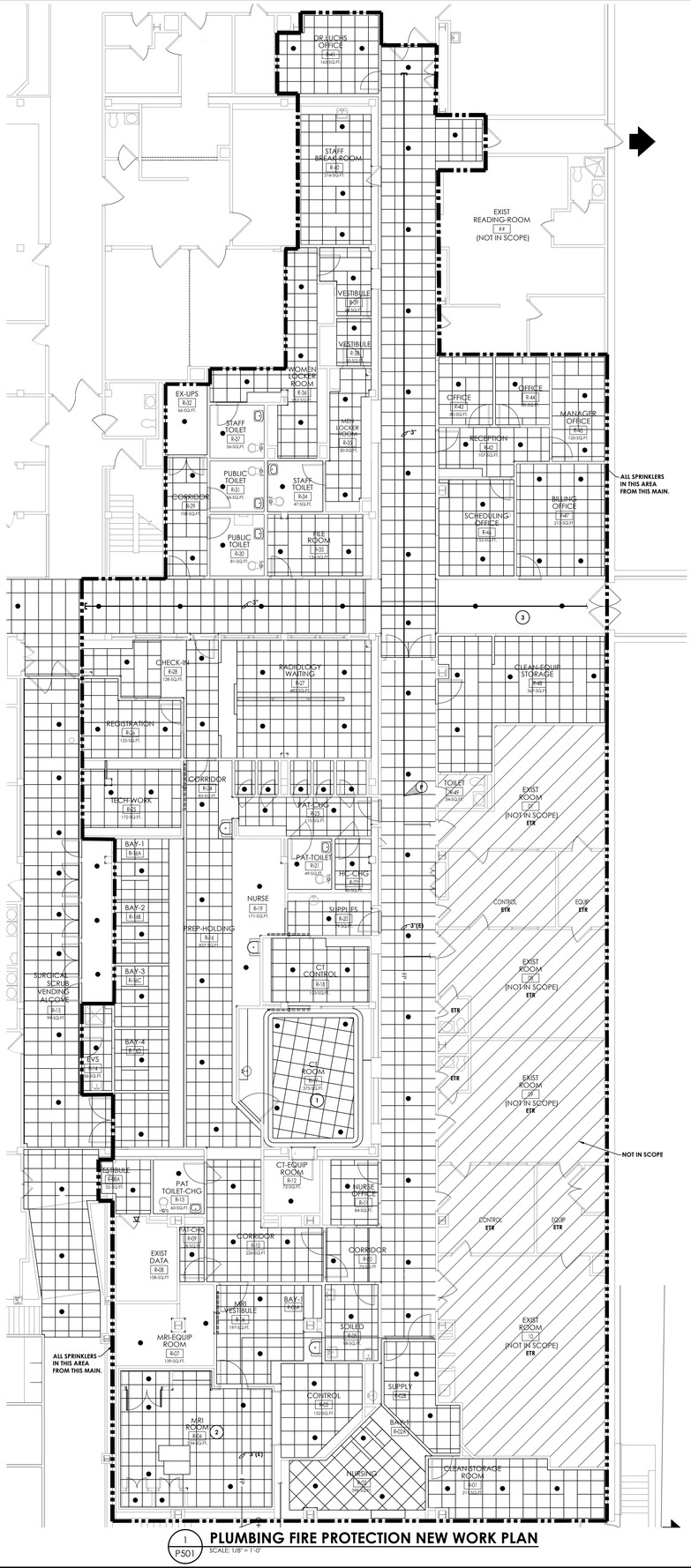
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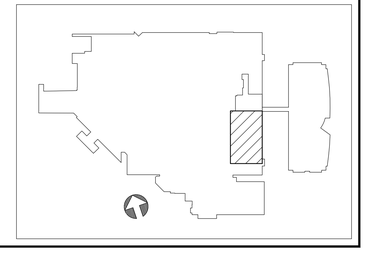
1 P501 **PLUMBING FIRE PROTECTION NEW WORK PLAN**
SCALE: 1/8" = 1'-0"

GENERAL SPRINKLER NOTES:

1. SPRINKLER COVERAGE SHALL BE PER NFPA 13. OFFICE AREA, CORRIDORS, PATIENT ROOMS SHALL BE LIGHT HAZARD (0.10 GPM/FT2). MECHANICAL AND STORAGE ROOMS SHALL BE ORDINARY HAZARD (0.15 GPM/FT2).
2. MAINS AND SPRINKLER HEADS ARE SHOWN FOR SUGGESTED LOCATION AND SIZING ONLY. CONTRACTOR TO LOCATE MAIN, BRANCH PIPING AND SPRINKLER HEADS AND SIZE PER NFPA 13 USING HYDRAULIC CALCULATIONS. COORDINATE PIPING AND SPRINKLER HEAD LOCATIONS WITH OTHER TRADES.
3. PROVIDE CONCEALED TYPE SPRINKLERS WITH WHITE ESCUTCHEONS PER HOSPITAL STANDARD THROUGH-OUT. SEE ARCHITECTURAL CEILING PLAN FOR LOCATIONS OF HEADS. HEADS EQUAL TO RELIABLE G5 WC.
4. COORDINATE ALL SPRINKLER SHUT DOWNS WITH HOSPITAL FACILITIES. INSPECT AND PRESSURE TEST ALL MODIFIED SYSTEMS AS REQUIRED BY NFPA 13.

KEY NOTES:

1. COORDINATE SPRINKLER HEADS WITH FINAL PHILIPS DRAWINGS AND ALL OTHER CEILING EQUIPMENT AND CLEARANCES.
2. COORDINATE SPRINKLER HEADS WITH FINAL PHILIPS DRAWINGS AND ALL OTHER CEILING EQUIPMENT AND CLEARANCES. MRI HEADS AND PIPING SELECTED AS REQUIRED BY MRI MANUFACTURERS INSTRUCTIONS NON-FERROUS. PIPE ENTER THROUGH CONCENTRATED ARE WAY FEED THROUGH.
3. NEW SPRINKLERS IN EXISTING CEILING. COORDINATE WITH EXISTING LIGHTING AND DIFFUSERS.



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SHEET TITLE
PLUMBING
FIRE PROTECTION
NEW WORK PLAN

PROJECT NUMBER
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HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER
ACC	AIR-COOLED CONDENSING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BBD	BOILER BLOW DOWN
BD	BACKDRAFT DAMPER
CA	COMPRESSED AIR
CD	COOLING COIL CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CW	DOMESTIC COLD WATER
D	DRAIN
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ERHC	ELECTRIC REHEAT COIL
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
F&T	FLOAT AND THERMOSTATIC TRAP
FCU	FAN-COIL UNIT
FPM	FEET PER MINUTE
FT	FIN-TUBE
GC	GENERAL CONTRACTOR
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HC	HVAC CONTRACTOR
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION
LPC	LOW PRESSURE CONDENSATE
LPG	LIQUEFIED PROPANE GAS
LPS	LOW PRESSURE STEAM
MBH	1,000 BTU/HR
MC	MECHANICAL CONTRACTOR
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MRD	MONOFLO FITTING DOWN – HHWR
MSD	MONOFLO FITTING DOWN – HHWS
MUW	MAKE-UP WATER
NC	NORMALLY CLOSED
NG	NATURAL GAS
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
PD	PUMP DISCHARGE
PHWR	PRIMARY HEATING HOT WATER RETURN
PHWS	PRIMARY HEATING HOT WATER SUPPLY
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RHC	HOT WATER REHEAT COIL
RLL	REFRIGERANT LIQUID PIPE
RSL	REFRIGERANT SUCTION PIPE
RTU	ROOFTOP UNIT
RV	ROOF VENT
SA	SUPPLY AIR
SHWR	SECONDARY HEATING HOT WATER RETURN
SHWS	SECONDARY HEATING HOT WATER SUPPLY
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)
TC	TEMPERATURE CONTROLS CONTRACTOR
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT
WAHP	WATER-TO-AIR HEAT PUMP
WWHP	WATER-TO-WATER HEAT PUMP

SYMBOL	DESCRIPTION
	CONNECTION - TOP
	CONNECTION - BOTTOM
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	TEE OUTLET - UP
	TEE OUTLET - DOWN
	UNION
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	STRAINER
	STRAINER WITH BLOW-DOWN
	BUTTERFLY VALVE
	BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY
	BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR
	GLOBE VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	GAS COCK, PLUG VALVE
	UNDERCUT DOOR 1"
	LOUVERED DOOR W/ SQ. FT. OF FREE AREA
	AIR VENT - MANUAL
	AIR VENT - AUTOMATIC
	FLANGE
	CONTROL/SOLENOIND VALVE, ELECTRIC 2-WAY
	CONTROL VALVE, ELECTRIC 3-WAY
	CONTROL VALVE, PNEUMATIC 2-WAY
	CONTROL VALVE, PNEUMATIC 3-WAY
	RELIEF / SAFETY VALVE
	PRESSURE REDUCING VALVE
	VACUUM BREAKER
	FLEXIBLE PIPE CONNECTOR
	EXPANSION COMPENSATOR W/ GUIDES
	EXPANSION JOINT
	PIPE ANCHOR
	PIPE GUIDE
	THERMOSTATIC TRAP
	FLOAT & THERMOSTATIC TRAP
	BUCKET TRAP
	THERMODYNAMIC TRAP
	THERMOMETER
	WELL
	PRESSURE GAUGE
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PNEUMATIC (CONTROL) TUBING
	BUTTERFLY VALVE WITH PNEUMATIC AND MANUAL OPERATORS
	PIPING
	PIPING BELOW GRADE
	BASE MOUNTED PUMP
	IN-LINE PUMP
	AIR TERMINAL UNIT WITH REHEAT COIL AND SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH REHEAT COIL
	AIR TERMINAL UNIT
W/W ENCL.	WALL TO WALL FIN TUBE ENCLOSURE

SYMBOL	DESCRIPTION
(DBL)	DOUBLE WALL LINED DUCT
20/10	DUCT SECTION - SUPPLY
20/10	DUCT SECTION - RETURN/EXHAUST
A"	DUCT SECTION - ROUND DUCT IN INCHES
AX8 FO	DUCT SECTION - FLAT OVAL DUCT IN INCHES
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
FC	FLEXIBLE CONNECTION
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER
VD	VOLUME DAMPER
	DAMPER CONTROL, PARALLEL BLADE
	DAMPER CONTROL, OPPOSED BLADE
AAD	AUTOMATIC AIR DAMPER
BDD	BACK DRAFT DAMPER
BG	BLAST GATE
20/10, 12X10, 10/20	AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
	MULTI-BLADE AIR EXTRACTOR
	TURNING VANES
	EXISTING WORK TO BE REMOVED (HATCHED)
P	POINT OF CONNECTION
R	POINT OF DISCONNECTION
	AIR FLOW SENSOR
	FILTER
	TRANSITION SQUARE TO ROUND
	HUMIDIFIER DISPERSION TUBE
RISE	RISE IN DUCT
DROP	DROP IN DUCT
	SQUARE CEILING DIFFUSER (4 WAY)
	ROUND CEILING DIFFUSER
	SQUARE OR RECTANGULAR CEILING GRILLE
	SUPPLY REGISTER, RETURN OR EXHAUST GRILLE
1-WAY 2-WAY 3-WAY	SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY
8"Ø, D-3, 300 CFM	CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM
10"x10", G-3, 300 CFM	CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
10"x8", R-2, 300 CFM	SUPPLY REGISTER WITH SIZE, TYPE, & CFM
10"x8", G-2, 300 CFM	RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
	AIR FLOW
L1	ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK
L2	ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK
PL1	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PL2	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK

SYMBOL	DESCRIPTION
	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
	SUPPLY AIR TAKEOFFS
	SUPPLY AIR TAKEOFFS
	SUPPLY AIR TAKEOFFS
	SUPPLY/RETURN EXHAUST AIR TAKEOFFS W/ REGISTER/GRILLE/ DIFFUSER
	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS
	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS
	LONG RADIUS 90° ELBOW R/W=1.5
	LONG RADIUS 45° ELBOW R/W=1.5
	90° ELBOW WITH TURNING VANES
	90 VERTICAL SPLIT OFF (PLAN VIEW)
	DUCT TURNING UP OR DOWN
U MAX MIN	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE MAX = MAXIMUM CFM MIN = MINIMUM CFM
U GPM MAX	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE GPM = GALLONS PER MIN MAX = MAXIMUM GPM
U MAX MIN FAN	FAN POWERED AIR TERMINAL UNIT U - UNIT TYPE MAX = PRIMARY MAX CFM MIN = PRIMARY MIN CFM FAN = FAN CFM
TYPE, COIL SIZE, CLNG GPM, HTNG GPM	TYPE = VALANCE TYPE COIL SIZE = COIL LENGTH CLNG GPM = COOLING GPM HTNG GPM = HEATING GPM
X, XX	X = DIFFUSER OR GRILL TYPE XX = AIR FLOW VALUE (CFM)

SYMBOL	DESCRIPTION
	ELECTRIC/PNEUMATIC SWITCH OR RELAY
	PNEUMATIC/ELECTRIC SWITCH OR RELAY
CT	CURRENT TRANSDUCER
	OPEN/CLOSED
	START/STOP
	ENABLE/DISABLE
T	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
H	HUMIDITY SENSOR (DUCT MOUNTED)
F	FLOW TRANSMITTER
P	PRESSURE TRANSMITTER
DP	DIFFERENTIAL PRESSURE TRANSMITTER
E/P	ELECTRIC/PNEUMATIC TRANSDUCER
E/E	ELECTRIC/ELECTRONIC TRANSDUCER
	DUCT SMOKE DETECTOR
T	SPACE THERMOSTAT
T	SPACE TEMPERATURE SENSOR
CO_2	SPACE CARBON DIOXIDE SENSOR
CH_4	SPACE NATURAL GAS SENSOR
CO	SPACE CARBON MONOXIDE SENSOR
G	SPACE SENSOR WITH GUARD
H	SPACE HUMIDISTAT
FS	WATER FLOW SENSOR
P/A	PNEUMATIC ACTUATOR
E/A	ELECTRIC ACTUATOR
VSD VFD	VARIABLE SPEED / FREQUENCY DRIVE
C	COOLING COIL
H	HEATING COIL
G	GAS FURNACE
H	HUMIDIFIER
A	ALARM
S	STATUS
FS	FLOW SWITCH
ΔP	DIFFERENTIAL STATIC PRESSURE SWITCH
R	RELAY
	PRESSURE GAUGE
FZ	FREEZE-STAT
DI	DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
DO	DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AO	ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AI	ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)
	ELECTRICAL INTERFACE
SF	SPEED FEED BACK
ES	END SWITCH
PF	POSITION FEEDBACK
	TRAVERSE AVERAGING SENSOR
	PROBE SENSOR
	FREEZE STAT SENSOR

SYMBOLS GENERAL NOTES:

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

HVAC CONTRACTOR GENERAL NOTES:

A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.

C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

E. BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.

F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.

H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE COMPLETE DRAINING OF THE SYSTEM .

I. PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.

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3/9/2021	BKM	DH

SCALE AS SHOWN

SHEET TITLE
MECHANICAL SYMBOLS LIST

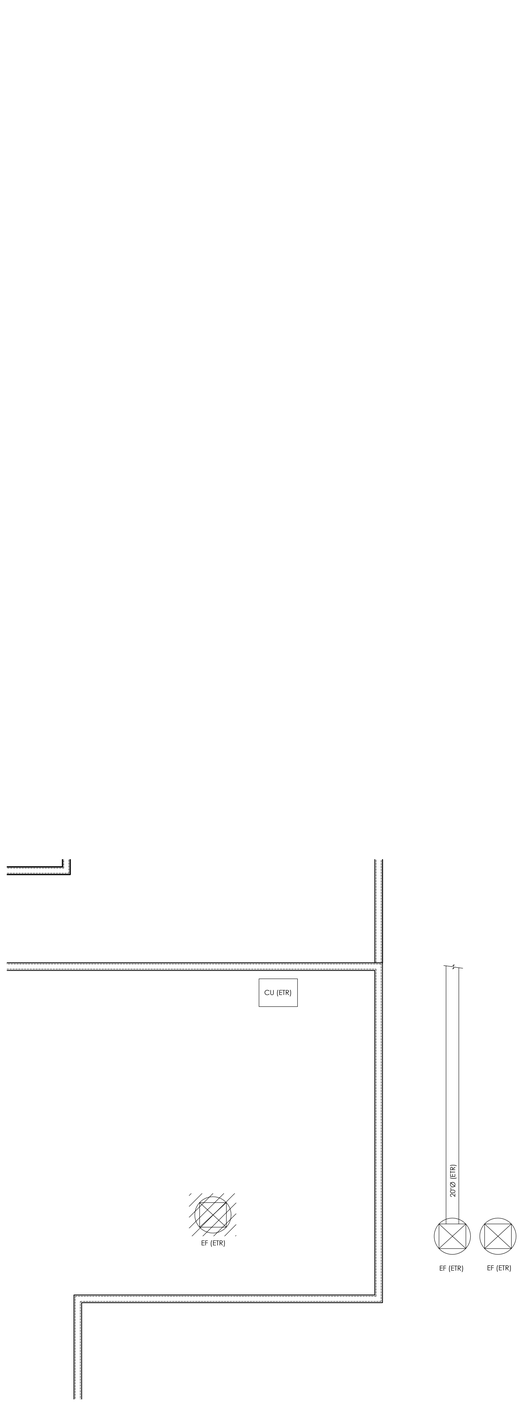
PROJECT NUMBER
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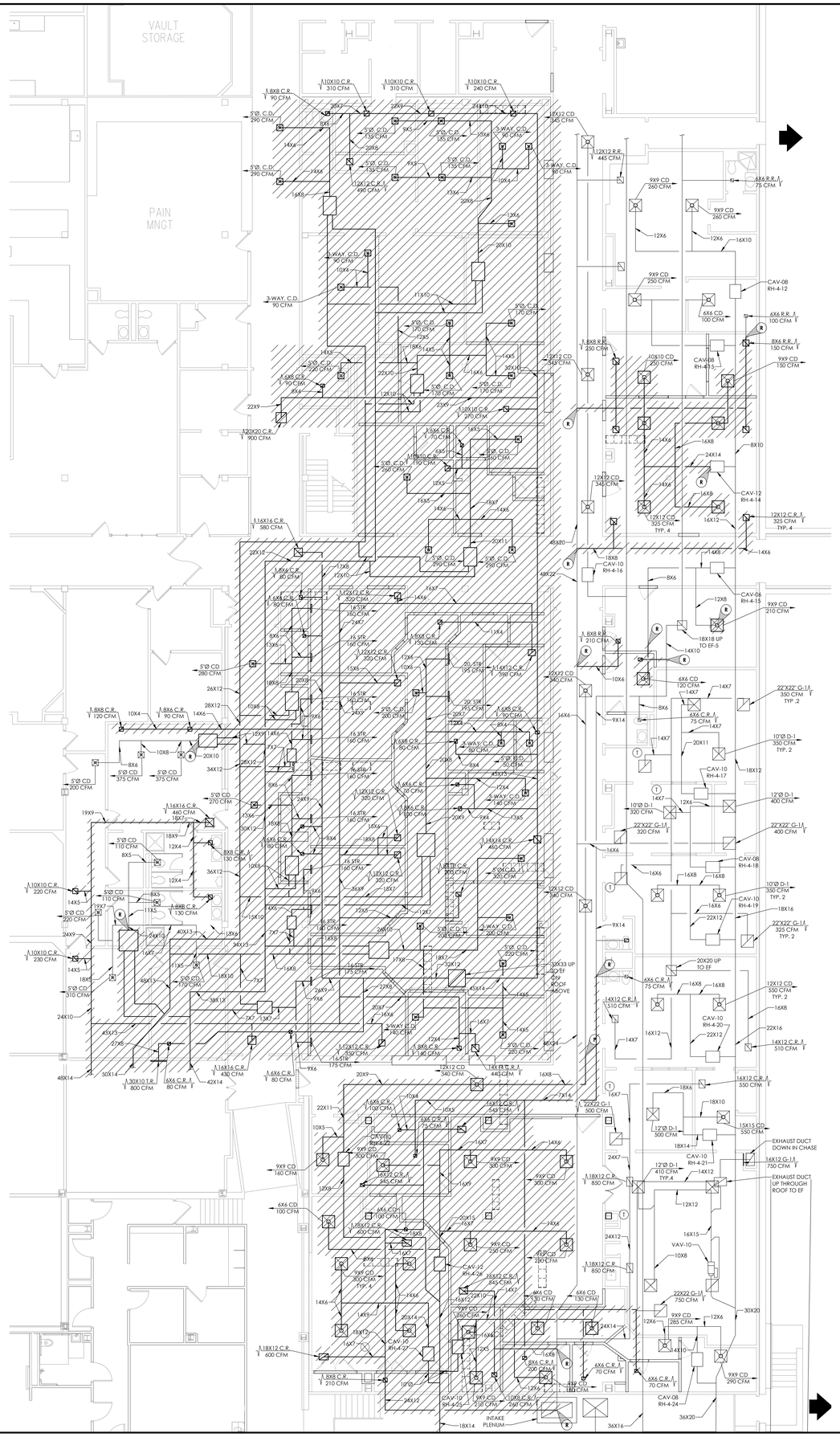
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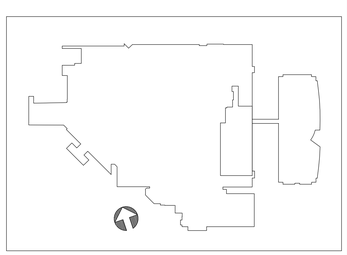
4 H101 **MECHANICAL ROOF DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

1 H101 **MECHANICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"



GENERAL NOTES:

1. **FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO DEMOLITION.**
2. **REFER TO PHASED DEMOLITION PLANS FOR SPECIFIC WORK SEQUENCING.**



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SHEET TITLE
MECHANICAL
DEMOLITION PLANS

PROJECT NUMBER
15068.00

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DRAWING NUMBER

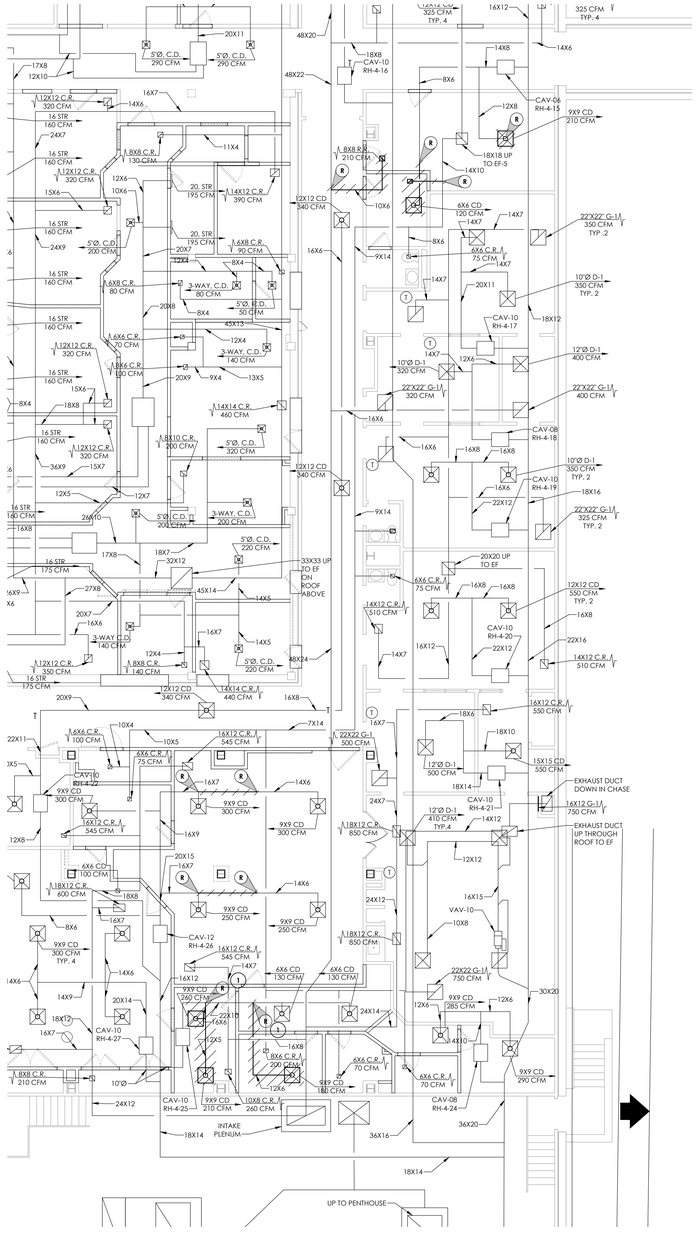
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GENERAL NOTES:

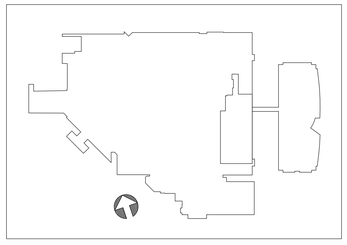
1. FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO DEMOLITION.

KEY NOTES:

(1) CAP DUCT MAIN WHERE DUCT BRANCHES HAVE BEEN REMOVED.



1 H101.1 **MECHANICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"



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SCALE: AS SHOWN

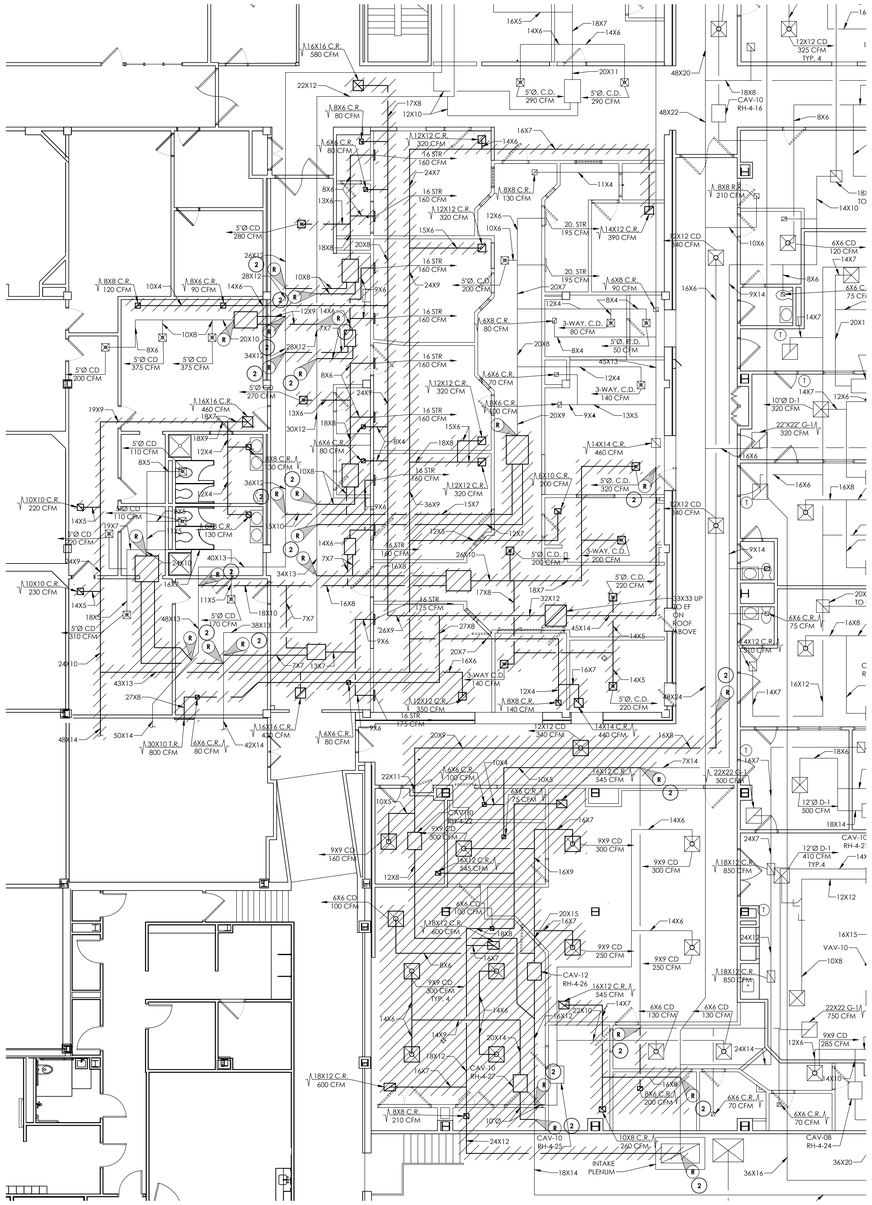
SHEET TITLE
MECHANICAL MAKE READY PHASE DEMOLITION PLAN

PROJECT NUMBER
15068.00

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101.1
DRAWING NUMBER

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1 H101.2 **MECHANICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

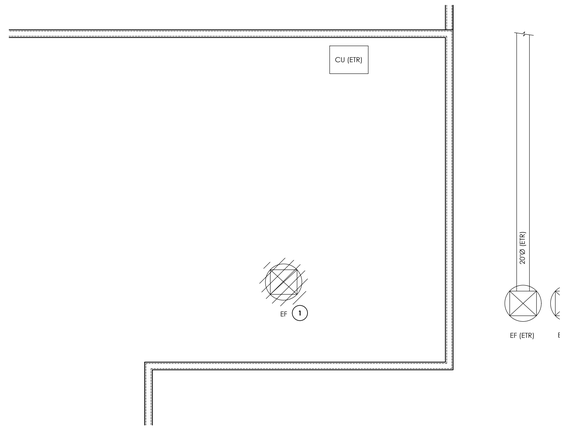
GENERAL NOTES:

1. FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO DEMOLITION.

KEY NOTES:

(1) DEMOLISH EXHAUST FAN AND CURB. PATCH AND REPAIR ROOF OPENING. PROVIDE ALL REQUIRED ROOFING WORK.

(2) CAP DUCT MAIN WHERE DUCT BRANCHES ARE TO BE REMOVED.



2 H101.2 **MECHANICAL ROOF DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"

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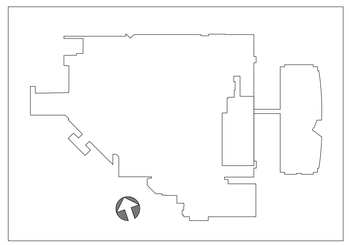
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SHEET TITLE
PHASE 1 MECHANICAL DEMOLITION PLANS



PROJECT NUMBER
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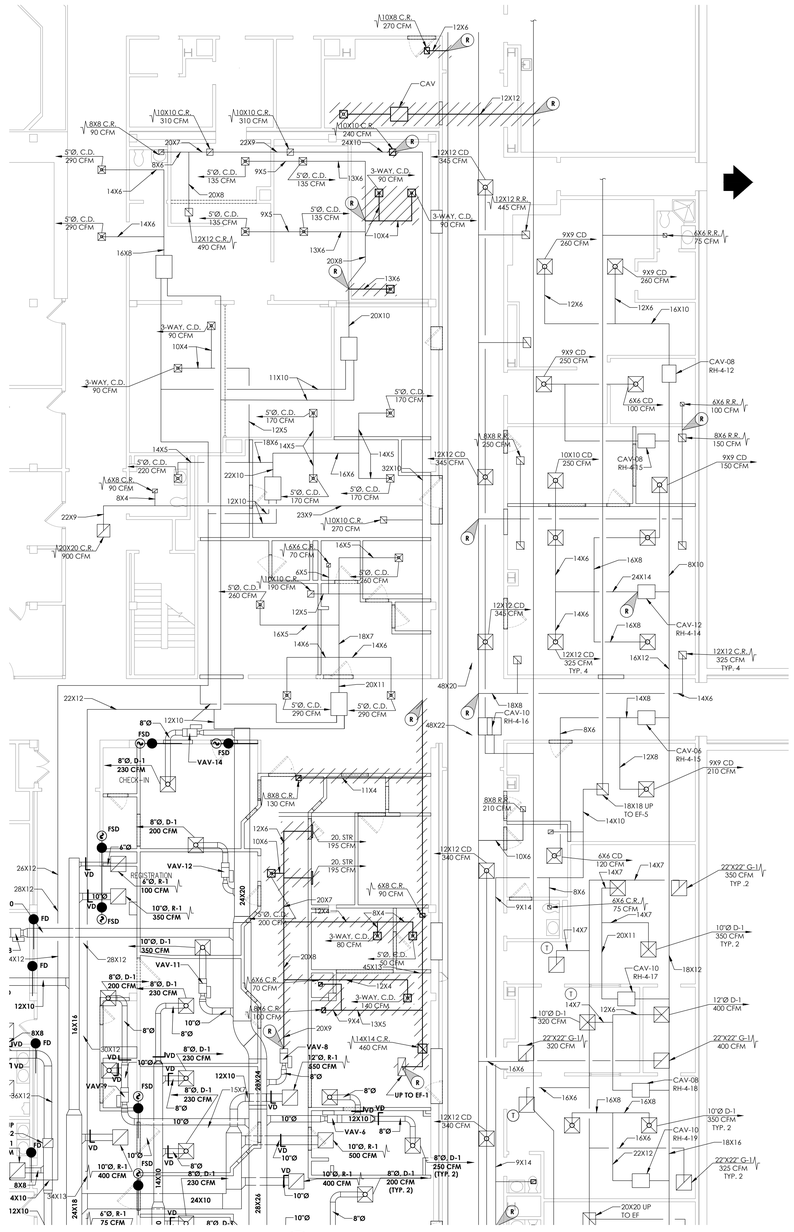
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Date last accessed: 3/5/2021 2:56 PM Date last plotted: 3/8/2021 10:04 AM

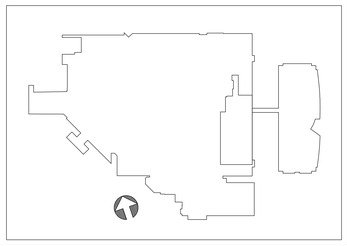
GENERAL NOTES:

1. **FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO DEMOLITION.**



1 H101.3 **MECHANICAL DEMOLITION PLAN**

SCALE: 1/8" = 1'-0"



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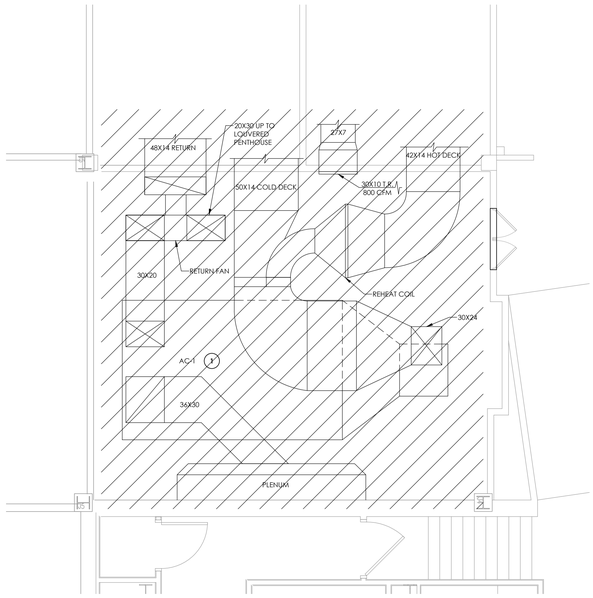
SHEET TITLE: PHASE 2 MECHANICAL DEMOLITION PLAN

PROJECT NUMBER: 15068.00

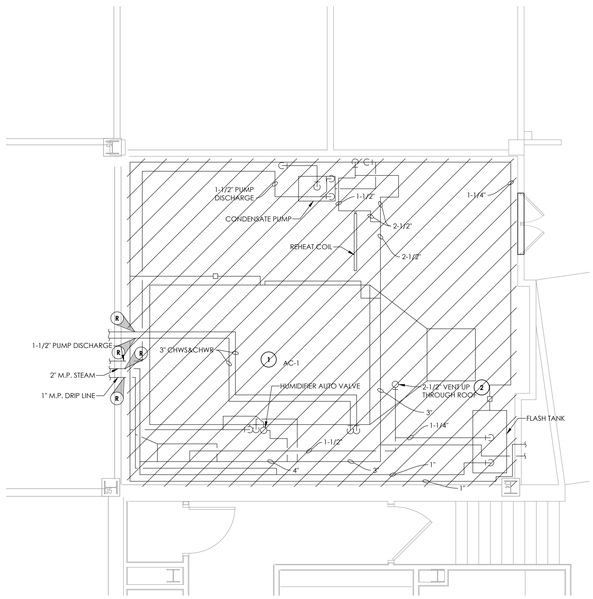
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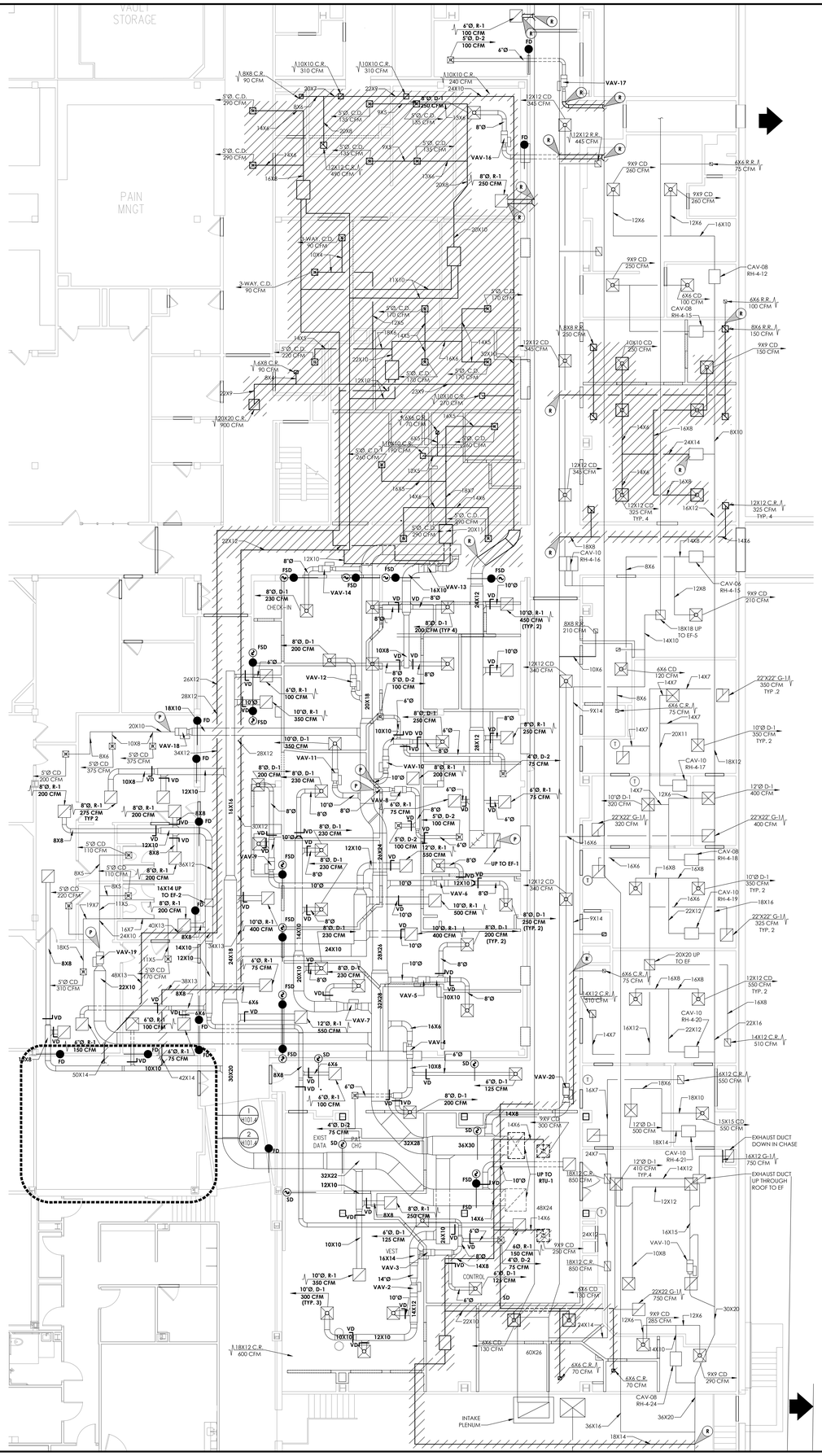
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1 H101.4 **MECHANICAL ROOM DUCT DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



2 H101.4 **MECHANICAL ROOM PIPING DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



3 H101.4 **MECHANICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. **FIELD VERIFY ALL DUCT SIZES AND LOCATIONS PRIOR TO DEMOLITION.**

KEY NOTES:

1. **REMOVE AC- 1IN ITS ENTIRETY; INCLUDING SUPPORTS, HANGERS, HOUSEKEEPING PADS, CONTROLS, AND ACCESSORIES. DISCONNECT AND CAP ALL WORK NOT REQUIRED FOR RE-USE AS CLOSE TO MAIN BRANCHES AS POSSIBLE. CLEAR ROOM TO THE GREATEST EXTENT POSSIBLE. PATCH AND REPAIR FLOOR AS REQUIRED AFTER EQUIPMENT REMOVAL IS COMPLETE.**
2. **DEMOLISH VENT UP THROUGH ROOF. PATCH AND REPAIR ROOF OPENING. PROVIDE ALL REQUIRED ROOFING WORK.**

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SHEET TITLE
PHASE 3 MECHANICAL DEMOLITION PLANS

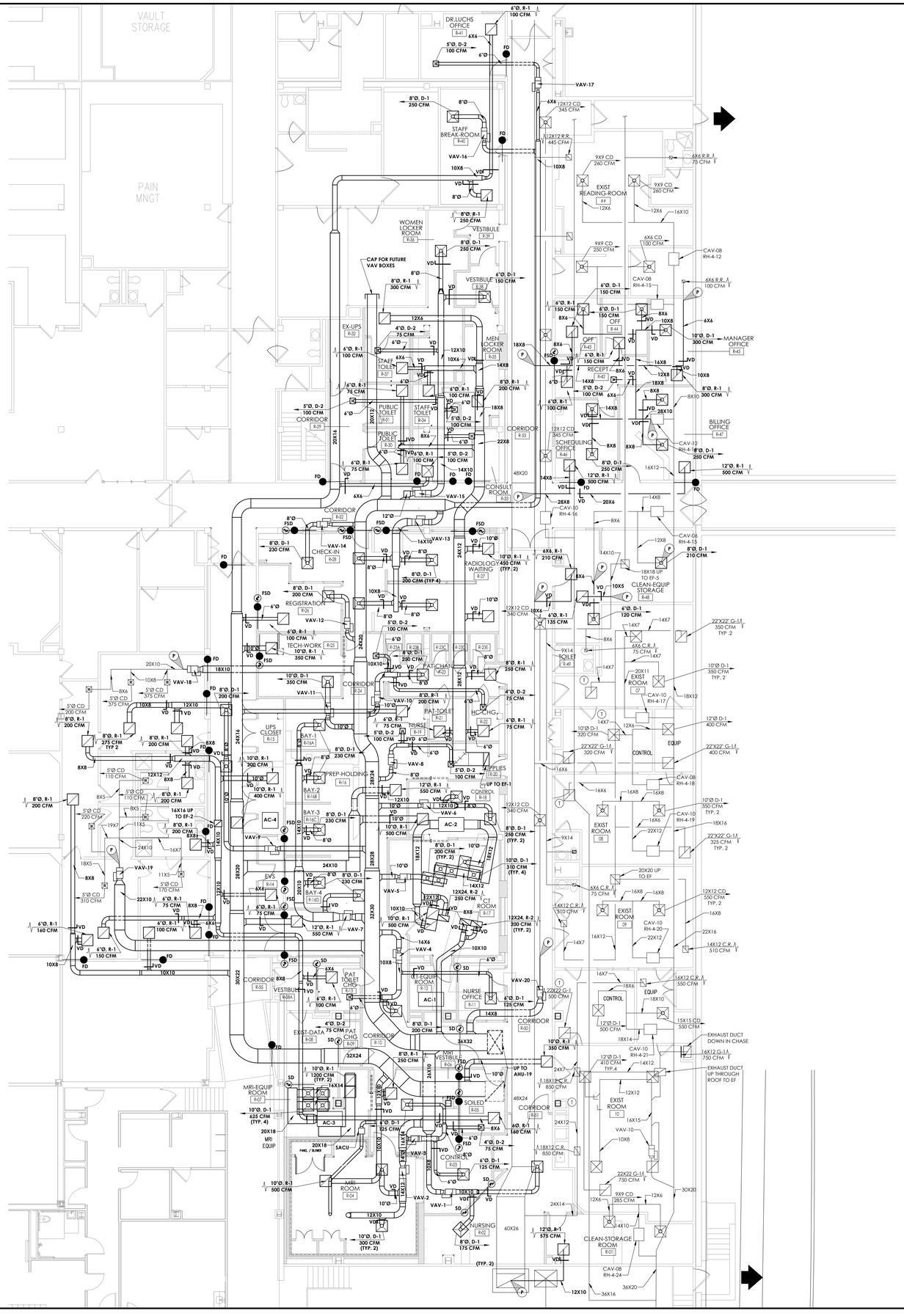
PROJECT NUMBER
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DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H1\H101.4.dwg Date last accessed: 3/5/2021 2:56 PM Date last plotted: 3/8/2021 10:06 AM Plotted By: Brendon Mazza

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 H201 **MECHANICAL OVERALL NEW DUCTWORK PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. **REFER TO PHASED NEW WORK PLANS FOR SPECIFIC WORK SEQUENCING.**

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GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	BKM	LB

SCALE AS SHOWN

SHEET TITLE
MECHANICAL
NEW WORK PLANS

PROJECT NUMBER
15068.00

H
201
DRAWING NUMBER

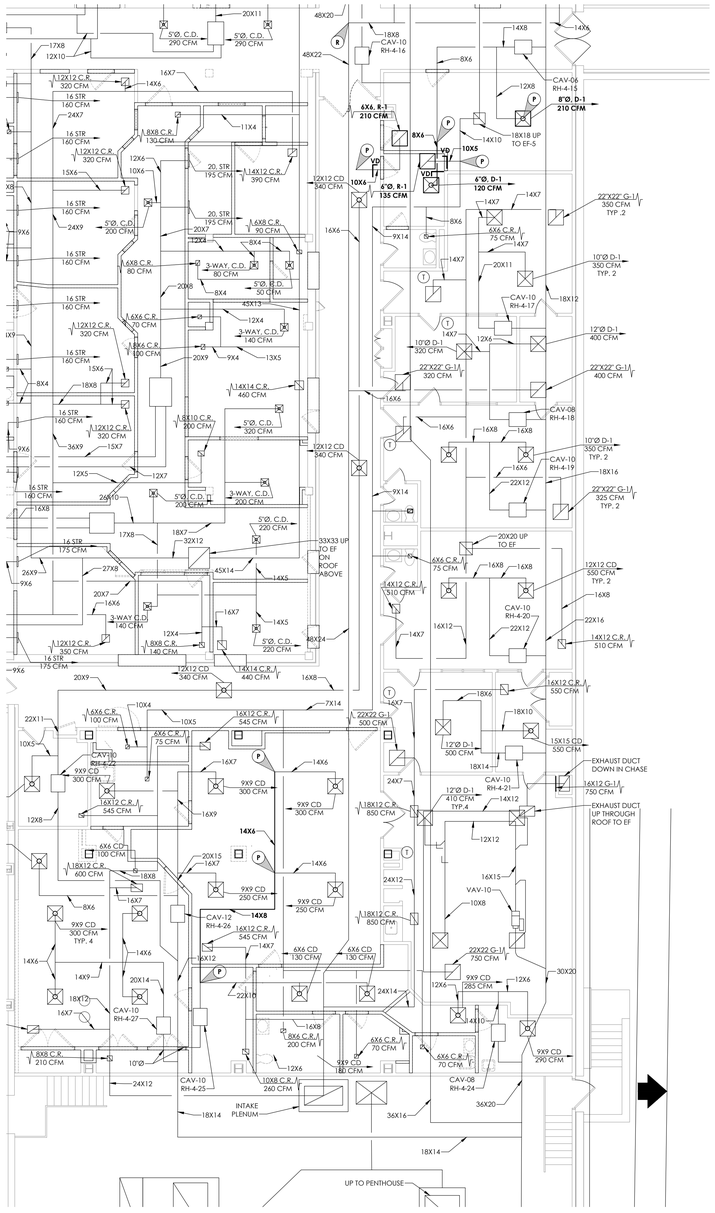
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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H2\H201.dwg Date last accessed: 3/8/2021 9:48 AM Date last plotted: 3/8/2021 10:11 AM Plotted By: Brendon Mazza

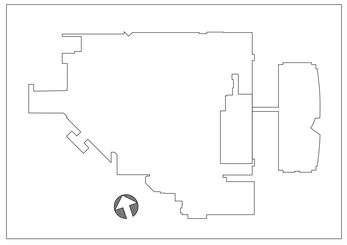
PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.

GENERAL NOTES:

1. PROVIDE TESTING, ADJUSTING, AND BALANCING SERVICES FOR EACH PROJECT PHASE AND SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL. PROVIDE A FINAL TAB REPORT AT THE COMPLETION OF ALL PROJECT WORK THAT INCLUDES PHASES. THE FINAL TAB SERVICES SHALL INCLUDE RE-VERIFYING 10% OF THE WORK FOR EACH PHASE TO CONFIRM THAT SUBSEQUENT WORK HAS NOT IMPACTED THE PREVIOUS TAB INFORMATION. SUBMIT THE FINAL REPORT TO THE ENGINEERS FOR REVIEW AND APPROVAL.



1 H201.1 **MECHANICAL NEW WORK PLAN**
SCALE: 1/8" = 1'-0"



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255 LAFAYETTE AVENUE
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NY 10901

DATE	DRAWN	CHECKED
3/9/2021	BKM	LB

SCALE: AS SHOWN

SHEET TITLE
MECHANICAL MAKE READY PHASE NEW WORK PLAN

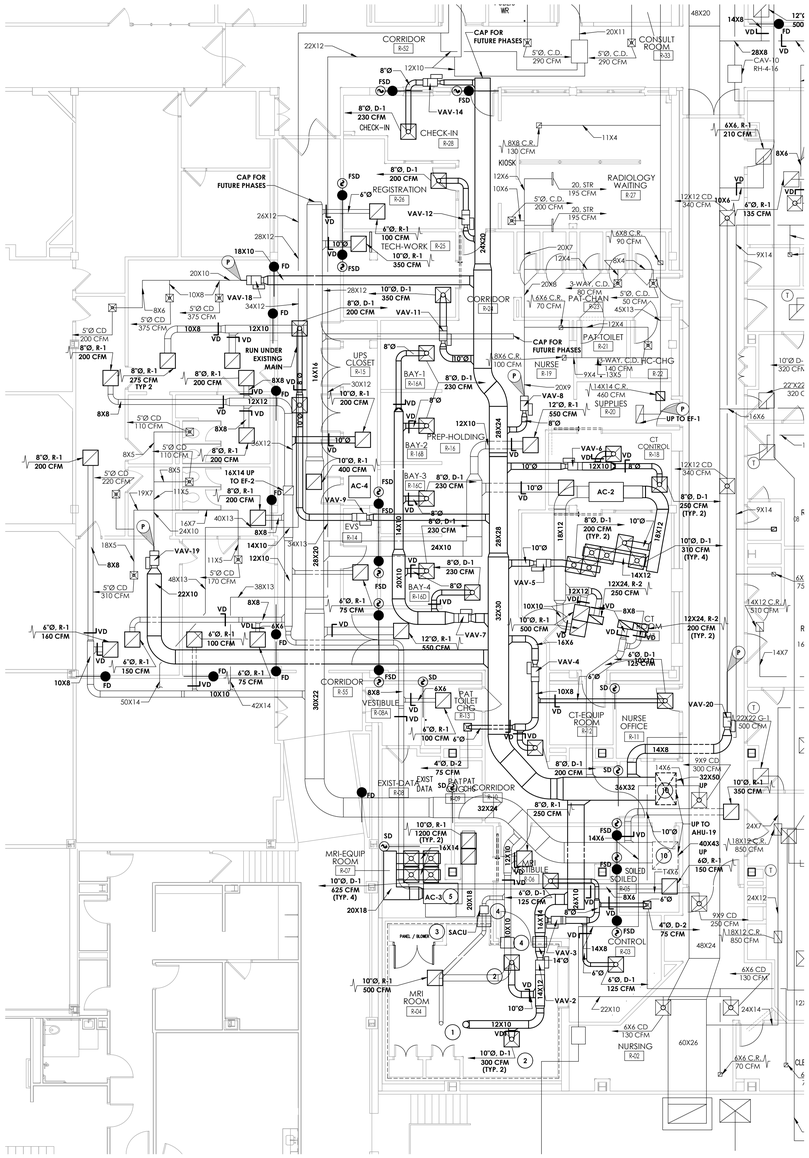
PROJECT NUMBER
15068.00

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201.1
DRAWING NUMBER

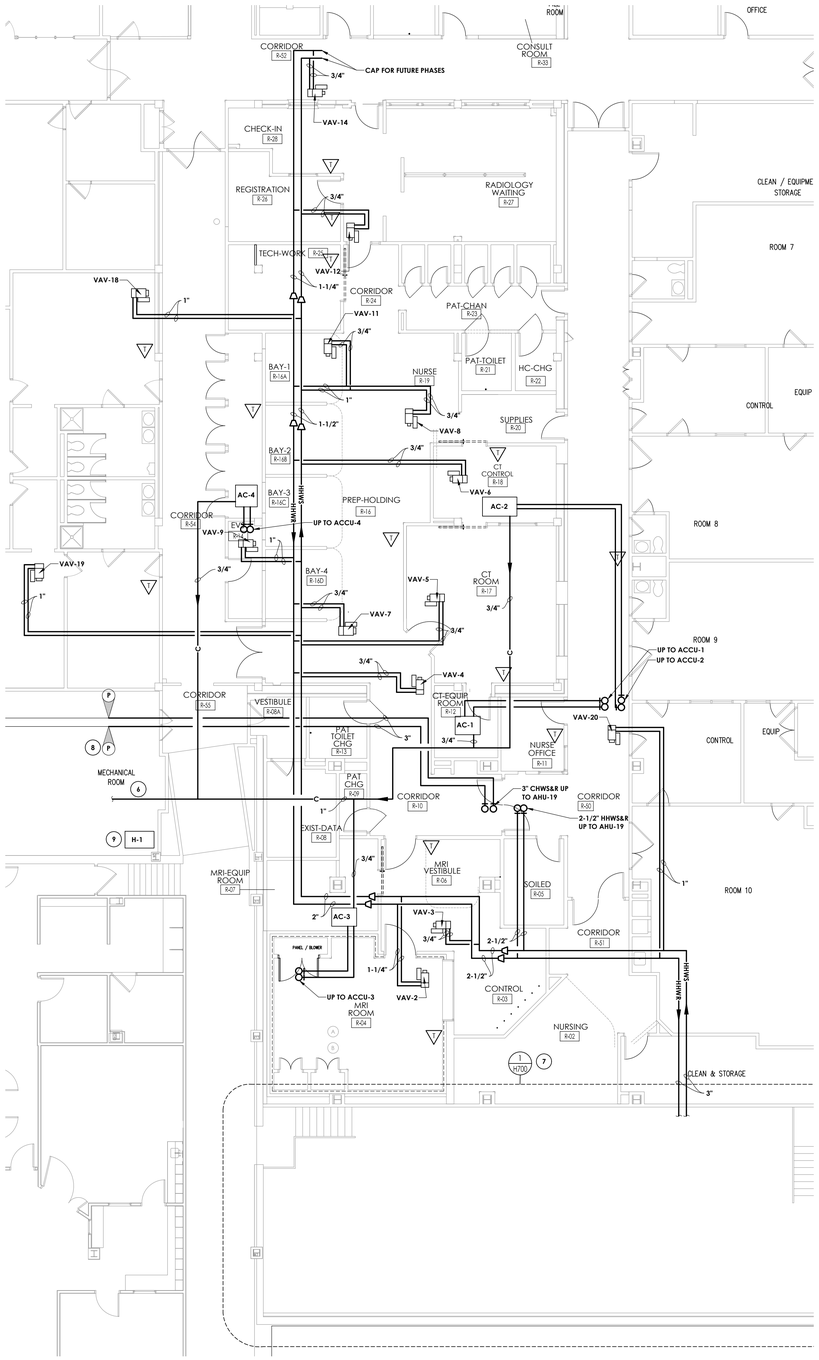
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Drawing Name: S:\Projects\Philips Healthy\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H20\H201.1.dwg Date last accessed: 3/8/2021 9:47 AM Date last plotted: 3/8/2021 10:08 AM Plotted By: Brendon Mazza

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 H201.2 **MECHANICAL NEW DUCTWORK PLAN**
SCALE: 1/8" = 1'-0"



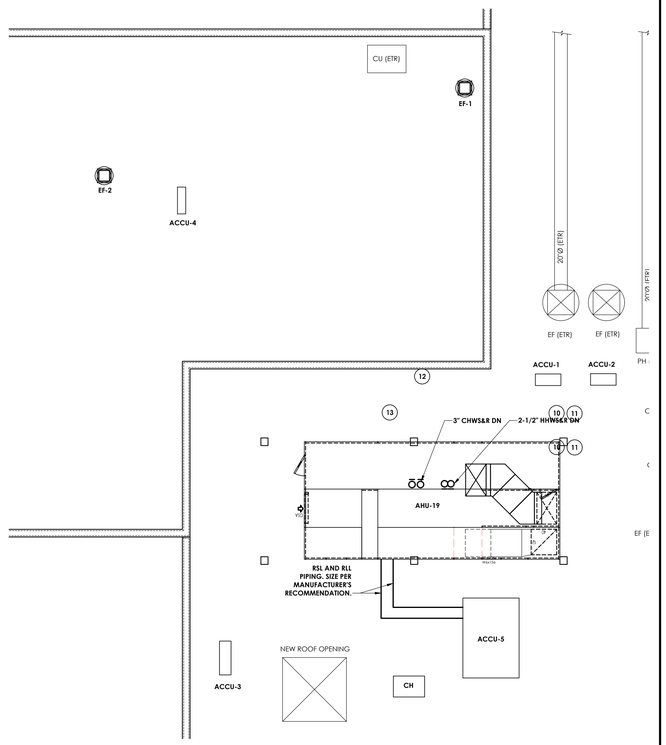
2 H201.2 **MECHANICAL NEW PIPING PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

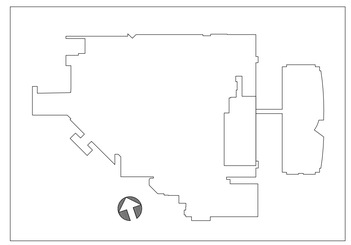
1. PROVIDE AND INSTALL ALL MRI RELATED EQUIPMENT ITEMS FURNISHED AND/OR INSTALLED IN THIS CONTRACT IN STRICT ACCORDANCE WITH INSTRUCTIONS AND RECOMMENDATIONS OF GE HEALTHCARE. MRI ROOM TO HAVE ALL NON-FERROUS METALS. VERIFY PRIOR TO INSTALLATION.
2. PROVIDE NEW DUCT AND PIPING ROOF OPENINGS AS REQUIRED FOR INSTALLATION OF NEW WORK. PROVIDE ALL ROOFING WORK.
3. INSTALL ALL ACCU'S ON EQUIPMENT RAILS. SEE H800 DRAWING FOR DETAIL.
4. PROVIDE TESTING, ADJUSTING, AND BALANCING SERVICES FOR EACH PROJECT PHASE AND SUBMIT TO ENGINEER FOR REVIEW AND APPROVAL. PROVIDE A FINAL TAB REPORT AT THE COMPLETION OF ALL PROJECT WORK THAT INCLUDES PHASES. THE FINAL TAB SERVICES SHALL INCLUDE RE-VERIFYING 10% OF THE WORK FOR EACH PHASE TO CONFIRM THAT SUBSEQUENT WORK HAS NOT IMPACTED THE PREVIOUS TAB INFORMATION. SUBMIT THE FINAL REPORT TO THE ENGINEERS FOR REVIEW AND APPROVAL.

KEY NOTES:

1. 6" DOWNTURNED OED ONTO MAGNET FLUSH WITH RF SHIELD. DUCT TO END 8'1" AFF. SEE PHILIPS SHEET SL FOR DETAILS.
2. DIFFUSERS AND DUCTWORK WITHIN MRI SPACE SHALL BE ALUMINUM IN CONSTRUCTION.
3. SYSTEM AIR COOLING UNIT AND ASSOCIATED VENTILATION HOSE PROVIDED BY PHILIPS.
4. RF FEED THROUGH PROVIDED BY RF CONTRACTOR INSTALLED ON ALL DUCT PENETRATIONS THROUGH RF SHIELD. COORDINATE WITH RF CONTRACTOR.
5. PROVIDE SPLIT SYSTEM AC UNIT AC-3 AND LOCATE ABOVE CEILING. SEE ROOF PLAN FOR LOCATION OF CONDENSING UNIT (ACCU-3). PROVIDE ALUMINUN SUPPLY AND RETURN AIR DUCTWORK, DIFFUSERS, AND GRILLES FOR AC-3. PROVIDE THERMOSTAT AND HUMIDITY CONTROLLER WITH REMOTE SENSORS MOUNTED IN R.A. DUCTWORK FOR AC-3 AS FURNISHED BY AC UNIT SUPPLIER. MOUNT THERMOSTAT AND HUMIDITY CONTROLLER 54" AFF. PROVIDE ALL CONTROLS AND CONTROL WIRING FOR AC-3, ACCU-3 PER MANUFACTURERS INSTRUCTIONS.
6. ROUTE CONDENSATE DRAIN TO NEAREST FLOOR DRAIN IN MECHANICAL ROOM.
7. SEE DRAWING H700 FOR PIPING CONTINUATION AND MECHANICAL ROOM WORK. MECHANICAL ROOM WORK TO BE INCLUDED IN PHASE 1.
8. PERFORM WATER FLOW TEST PRIOR TO CONNECTION TO EXISTING CHILLED WATER PIPING.
9. ROUTE H-1 CONDENSATE TO EXISTING CONDENSATE PUMP PIT.
10. PROVIDE NEW ROOF OPENINGS. FRAME AROUND OPENINGS WITH 3X3X3/8 ANGLE REINFORCEMENT.
11. PROVIDE CURBS AT DUCT PENETRATIONS THROUGH THE ROOF.
12. PROVIDE PIPE PORTAL FOR CHW AND HHW PIPING AT ROOF PENETRATION.
13. PROVIDE NEW AIR HANDLING UNIT. MOUNT AND SECURE TO STRUCTURAL SUPPORT FRAME. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.



3 H201.2 **MECHANICAL ROOF NEW WORK PLAN**
SCALE: 1/8" = 1'-0"



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3/9/2021	BKM	LB
SCALE	AS SHOWN	

SHEET TITLE
PHASE 1 MECHANICAL NEW WORK PLANS

PROJECT NUMBER
15068.00

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201.2
DRAWING NUMBER

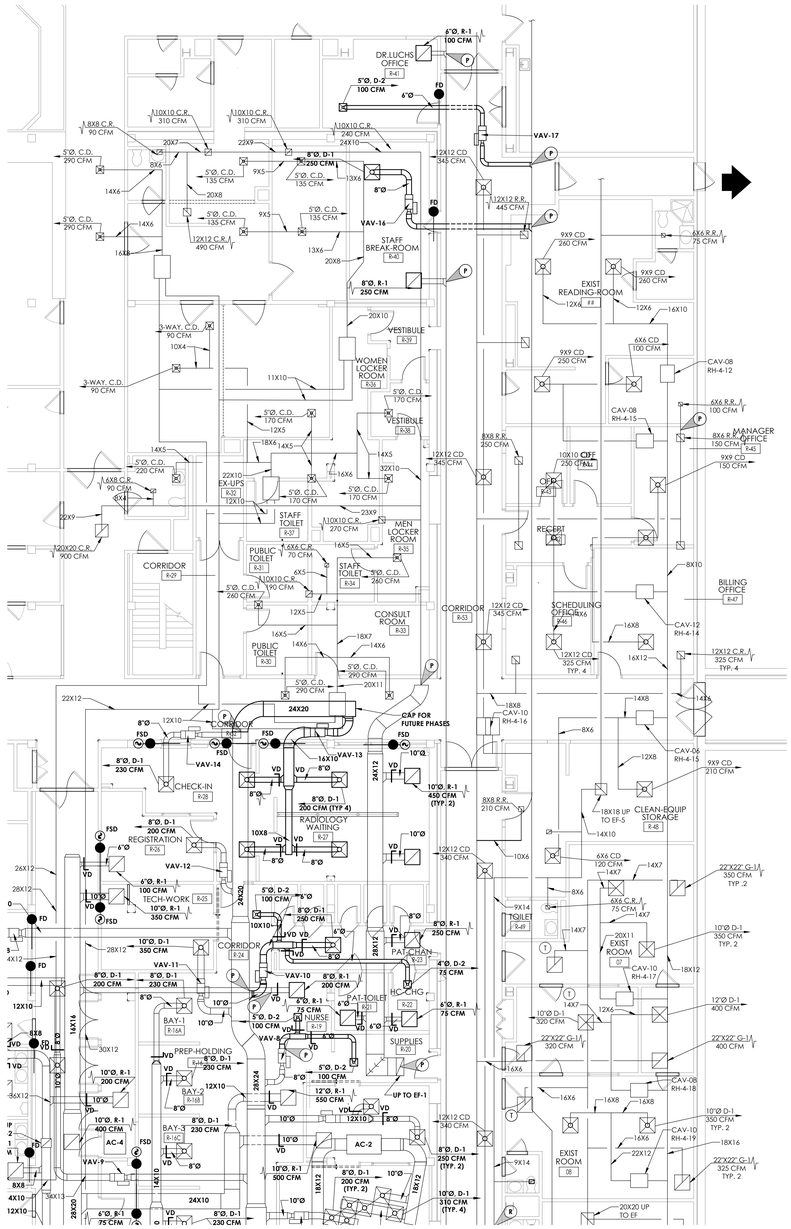
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Plotted By: Brendon Mazza
Date last plotted: 3/8/2021 10:09 AM
Date last accessed: 3/8/2021 9:47 AM
Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H2\H201.2.dwg

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.

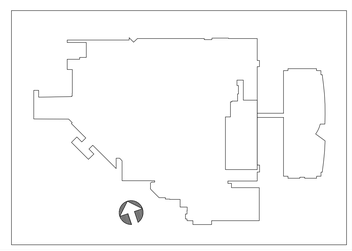
GENERAL NOTES:

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1 H201.3 **MECHANICAL NEW DUCTWORK PLAN**
SCALE: 1/8" = 1'-0"

2 H201.3 **MECHANICAL NEW PIPING PLAN**
SCALE: 1/8" = 1'-0"



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3/9/2021	BKM	LB

SCALE AS SHOWN

SHEET TITLE
PHASE 2 MECHANICAL NEW WORK PLANS

PROJECT NUMBER
15068.00

H
201.3
DRAWING NUMBER

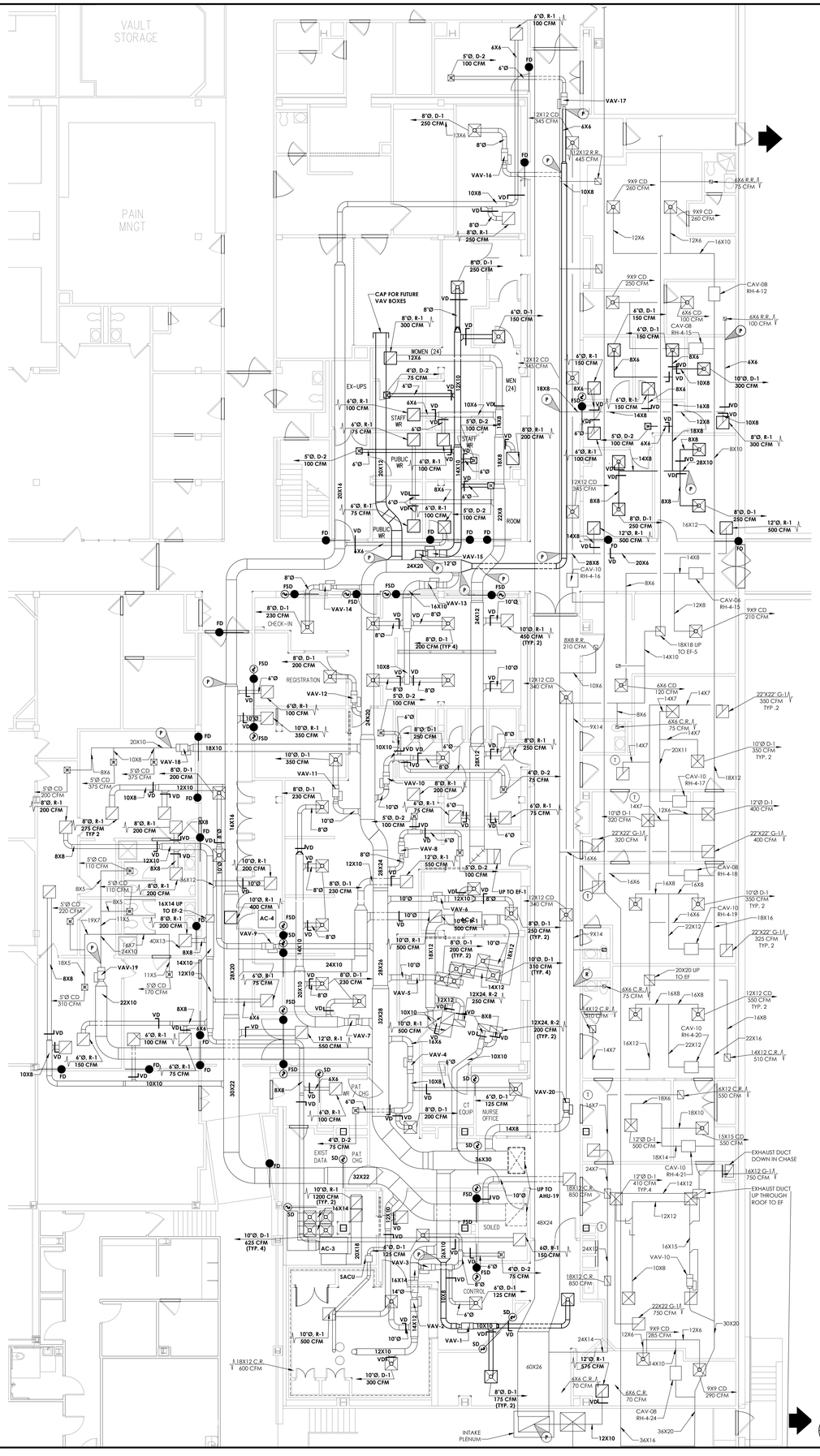
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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H2\H201.3.dwg Date last accessed: 3/8/2021 9:47 AM Date last plotted: 3/8/2021 10:10 AM Plotted By: Brendon Mazza

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.

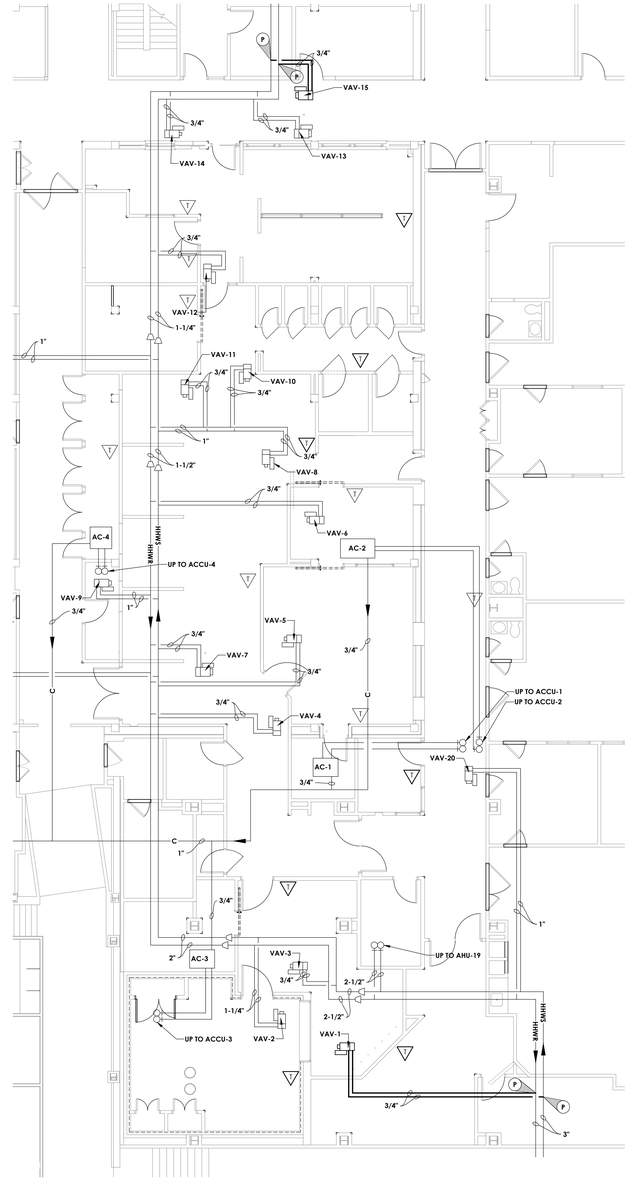
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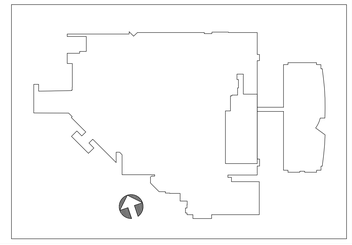
MECHANICAL DUCTWORK PLAN

1 H201.4 SCALE: 1/8" = 1'-0"



MECHANICAL PIPING PLAN

2 H201.4 SCALE: 1/8" = 1'-0"



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3/9/2021	BKM	LB

SCALE AS SHOWN

SHEET TITLE
PHASE 3 MECHANICAL
NEW WORK PLANS

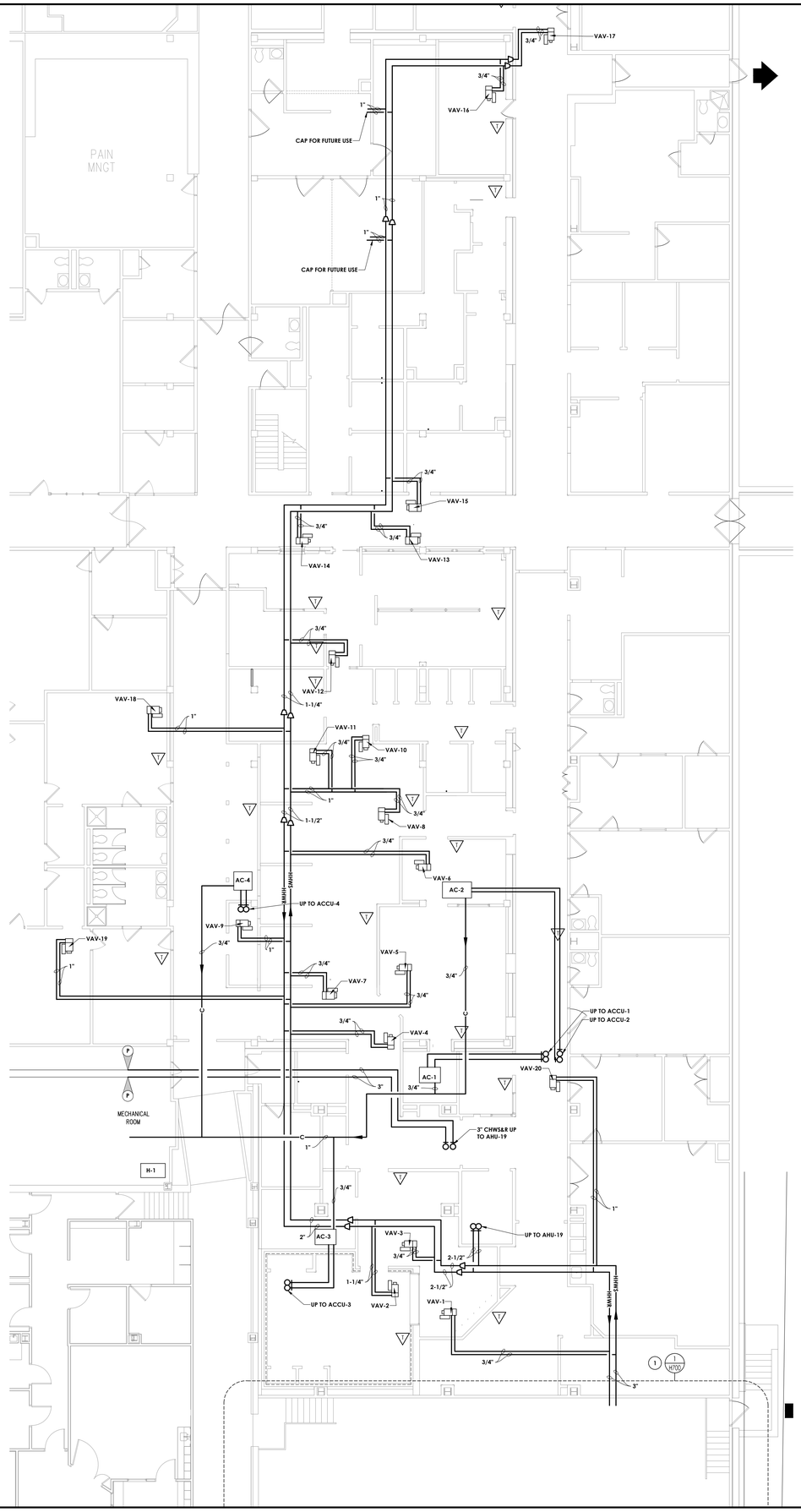
PROJECT NUMBER
15068.00

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201.4
DRAWING NUMBER

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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



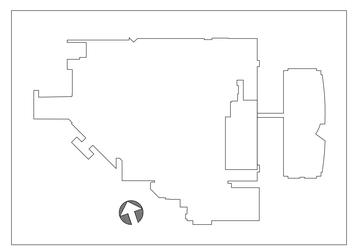
GENERAL NOTES:

1. REFER TO PHASED NEW WORK PLANS FOR SPECIFIC WORK SEQUENCING.

KEY NOTES:

(1) SEE H700 FOR CONTINUATION OF PIPING AND MECHANICAL ROOM WORK. MECHANICAL ROOM WORK TO BE INCLUDED IN PHASE 1 WORK.

1 H301 **PIPING OVERALL LAYOUT PLAN**
SCALE: 1/8" = 1'-0"



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DATE	DRAWN	CHECKED
3/9/2021	BKM	LB

SCALE: AS SHOWN

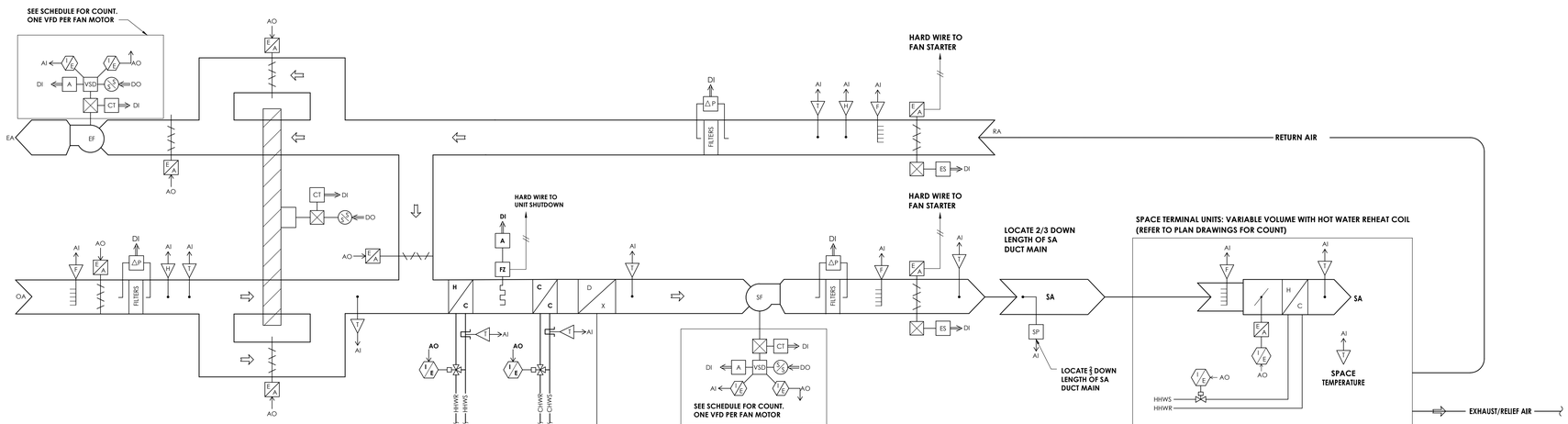
SHEET TITLE
MECHANICAL
PIPING PLANS

PROJECT NUMBER
15068.00

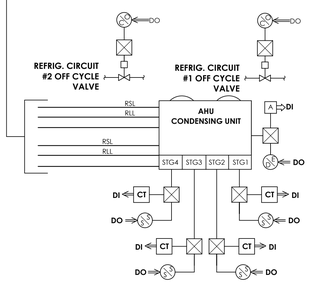
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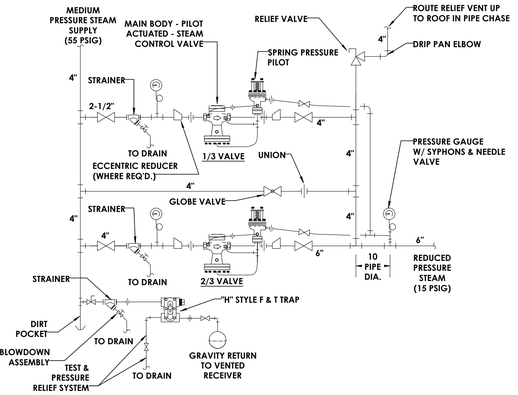
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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H3\H301.dwg Date last accessed: 3/8/2021 9:47 AM Date last plotted: 3/8/2021 10:12 AM Plotted By: Brendon Mazza

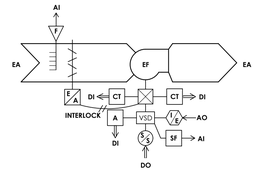


1 H501 **AIR HANDLING UNIT AHU-19**
NOT TO SCALE

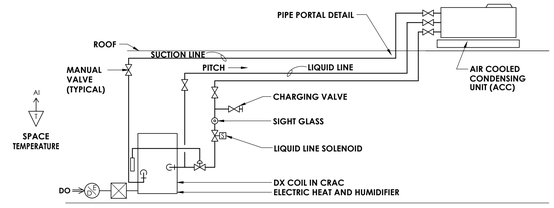




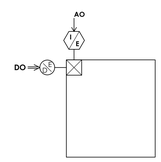
4 H500 **STEAM PRESSURE REDUCING STATION**
NOT TO SCALE



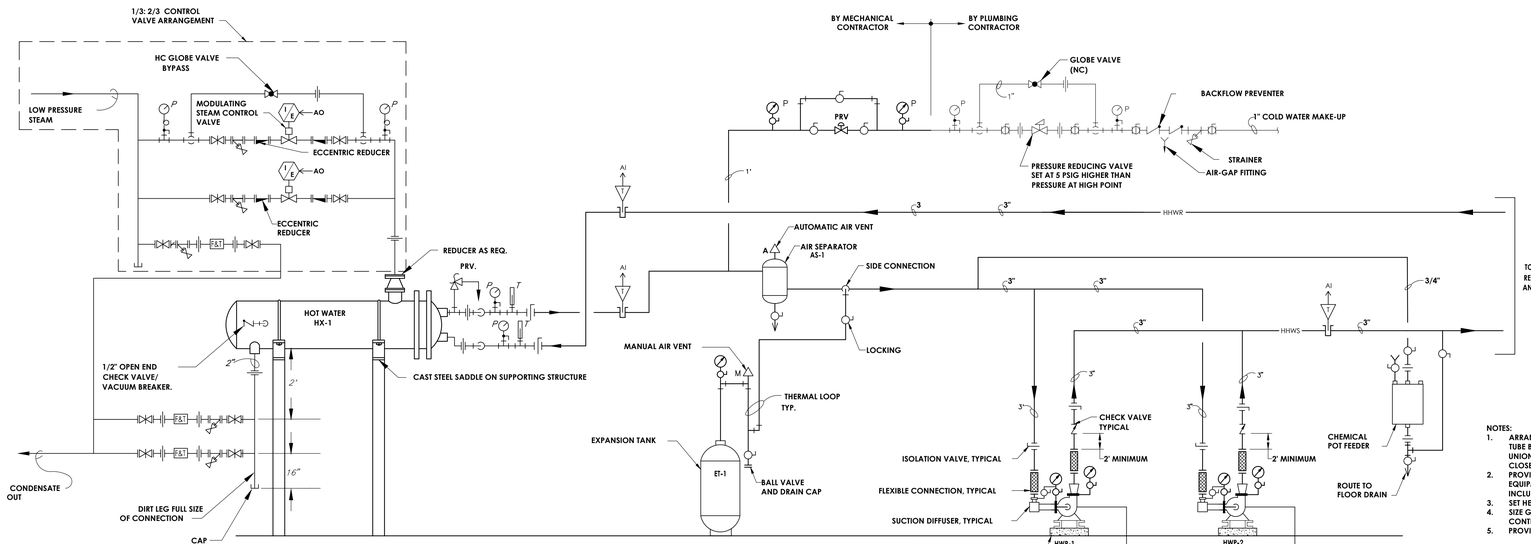
5 H500 **TYPICAL EXHAUST FAN**
NOT TO SCALE



6 H501 **COMPUTER ROOM AC UNIT**
NOT TO SCALE



7 H501 **HUMIDIFIER CONTROLS SCHEMATIC**
NOT TO SCALE



NOTES:
1. ARRANGE PIPING TO ALLOW REMOVAL OF TUBE BUNDLE WITHOUT REMOVING PIPING BEYOND UNIONS/FLANGES, WHEN ISOLATING VALVES ARE CLOSED.
2. PROVIDE STEEL FRAME WORK AND CONCRETE EQUIPMENT PAD TO SUPPORT ALL HEAT TRANSFER EQUIPMENT INCLUDING AIR SEPARATOR, PUMP AND ALL ASSOCIATED TRIM
3. SET HEAT EXCHANGER LEVEL
4. SIZE GLOBE VALVE BYPASS EQUIVALENT TO SIZE OF LARGEST CONTROL VALVE
5. PROVIDE UNIONS AT THREADED CONTROL VALVES

3 H501 **STEAM TO HOT WATER CONVERTOR HEAT EXHANGER SKID DETAIL AND PIPING SCHEMATIC**
NOT TO SCALE

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LATHAM, NY 12110
TEL (518) 463-4107

REVISIONS NO.	DATE	BY	CHKED	DESCRIPTION

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TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021		LB

SCALE AS SHOWN

SHEET TITLE
MECHANICAL CONTROLS DIAGRAMS

PROJECT NUMBER 15068.00

H 501
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\MECH\H5\H500.dwg Date last accessed: 3/8/2021 10:19 AM Date last plotted: 3/8/2021 10:20 AM Plotted By: Brendon Mazza

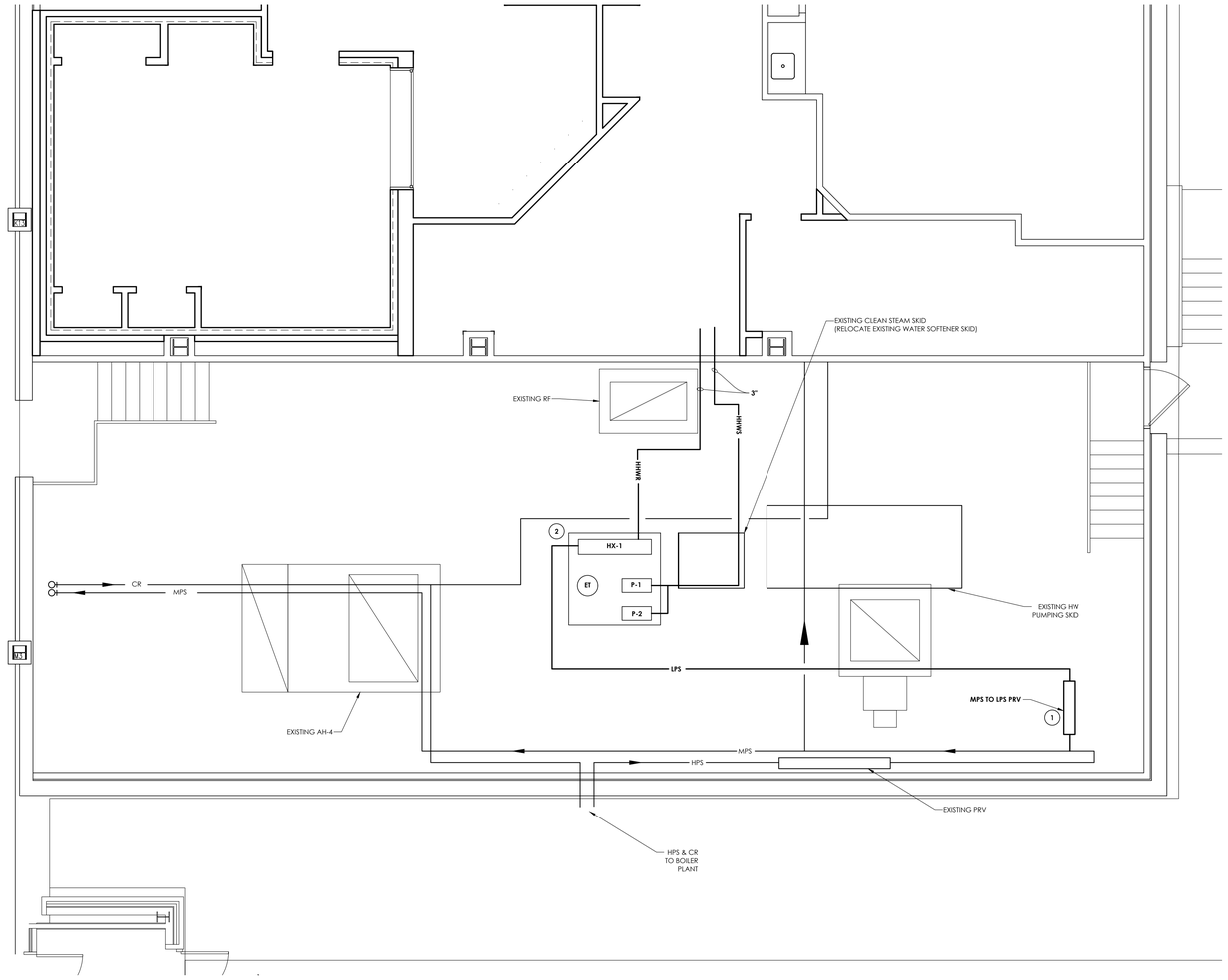
GENERAL NOTES:

1. ALL MECHANICAL ROOM WORK TO BE INCLUDED IN PHASE 1.
2. COORDINATE FINAL EQUIPMENT LOCATION WITH OWNER AND EXISTING CONDITIONS.

KEY NOTES:

(1) PROVIDE NEW 1/3: 2/3 MPS TO LPS PRV - 965 LBS/HR

(2) PROVIDE NEW HEATING HOT WATER HEAT EXCHANGER AND PUMPING SKID. SEE SCHEDULE FOR SIZING INFORMATION. COORDINATE FINAL LOCATION AND CONNECTION POINTS WITH OWNER AND EXISTING CONDITIONS.



2 H301 **ENLARGED MECHANICAL ROOM**
SCALE: 1/4" = 1'-0"



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DATE	DRAWN	CHECKED
3/9/2021	BKM	LB

SCALE: AS SHOWN

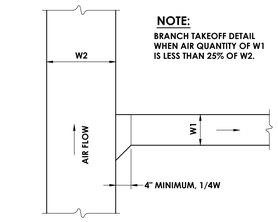
SHEET TITLE: ENLARGED MECHANICAL ROOM

PROJECT NUMBER: 15068.00

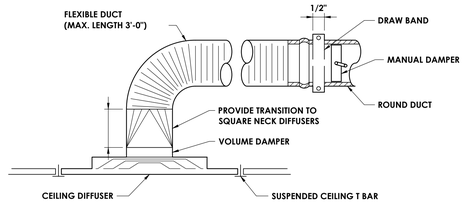
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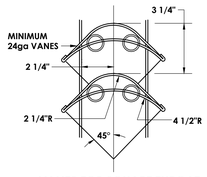
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Date last accessed: 3/8/2021 10:05 AM
Date last plotted: 3/8/2021 10:13 AM
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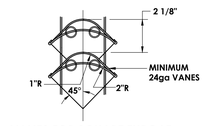
1 H800 BRANCH TAKE-OFF DETAIL
NOT TO SCALE



2 H800 DIFFUSER DETAIL
NOT TO SCALE

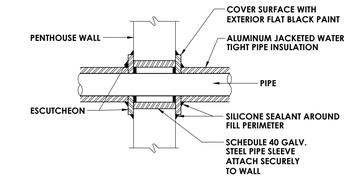


VANES FOR SQUARE THROAT ELBOWS OVER 20" WIDE

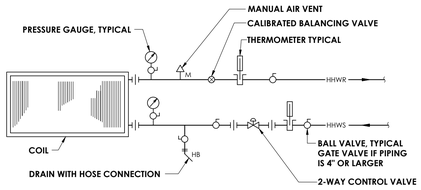


VANES FOR SQUARE THROAT ELBOWS THRU 20" WIDE

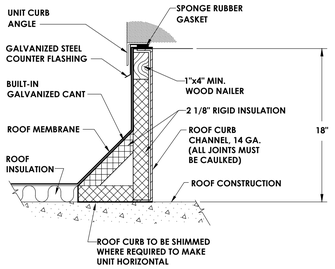
3 H800 TYPICAL TURNING VANE DETAIL
NOT TO SCALE



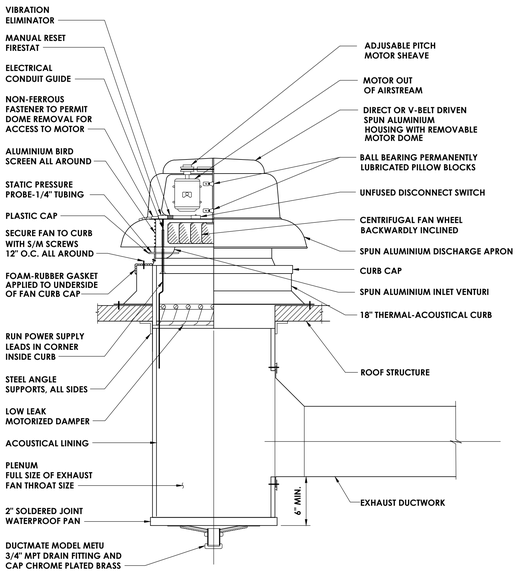
4 H800 PIPE THROUGH NON-RATED WALL
NOT TO SCALE



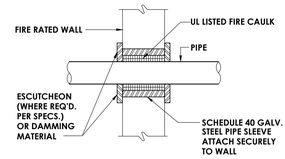
5 H800 VAV AND FAN COIL PIPING SCHEMATIC
NOT TO SCALE



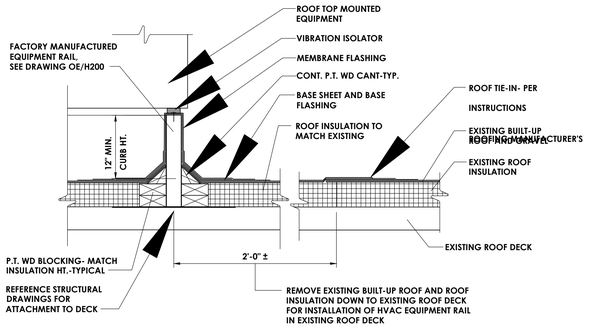
6 H800 ROOF CURB DETAIL
NOT TO SCALE



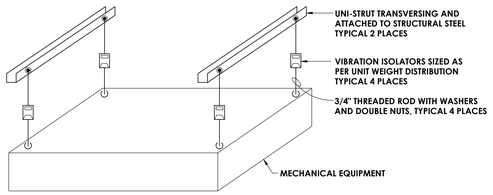
10 H800 EXHAUST FAN DETAIL
NOT TO SCALE



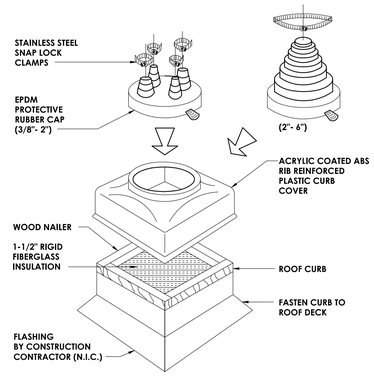
7 H800 PIPE THROUGH RATED WALL
NOT TO SCALE



11 H800 EQUIPMENT RAIL DETAIL
SCALE: 1 1/2" = 1'-0"

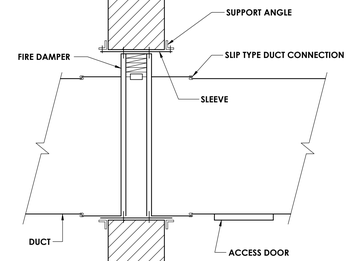


8 H800 INDOOR UNIT SUPPORT INSTALLATION DETAIL
NOT TO SCALE



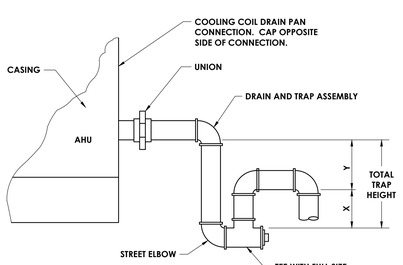
9 H800 PIPE PORTAL DETAIL
NOT TO SCALE

13 H800 AIR HANDLING UNIT DETAIL
NOT TO SCALE



12 H800 BASE MOUNTED PUMP WITH VFD DETAIL
NOT TO SCALE

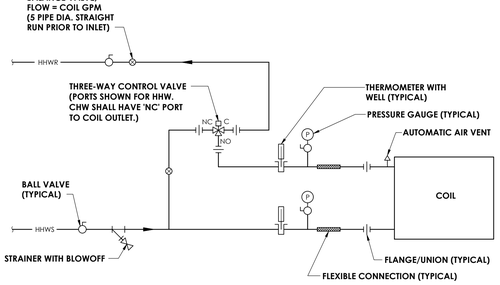
15 H800 VERTICAL FIRE DAMPER DETAIL
NOT TO SCALE



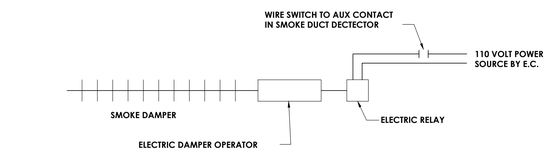
NOTES:

1. DRAIN PIPING SHALL BE MINIMUM UNIT CONNECTION SIZE. UNITS 25 TONS AND LARGER SHALL HAVE DRAIN SIZE ONE PIPE SIZE LARGER THAN DRAIN CONNECTION.
2. DRAIN PAN AT NEGATIVE STATIC PRESSURE.
3. "Y" MUST BE 1" PLUS CASING STATIC PRESSURE. MINIMUM 3" HEIGHT REQUIRED.
4. "X" = 1/2 (Y), MINIMUM 2" REQUIRED.

16 H800 TYPICAL AHU/RTU CONDENSATE TRAP DETAIL (-)
NOT TO SCALE



17 H800 AHU HHW AND CHW COIL PIPING SCHEMATIC
NOT TO SCALE



14 H800 SMOKE DAMPER CONTROL DETAIL
NOT TO SCALE

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NY 10901

DATE	DRAWN	CHECKED
3/9/2021	BKM	DH

SCALE: AS SHOWN

SHEET TITLE: MECHANICAL DETAILS

PROJECT NUMBER: 15068.00

DRAWING NUMBER: H 800

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Date last accessed: 3/8/2021 9:44 AM
Date last plotted: 3/8/2021 10:14 AM
Plotted By: Brendon Mazza

AIR HANDLING UNIT SCHEDULE

MARK	UNIT TYPE	CFM	MIN. OA CFM	SUPPLY FAN MOTOR DATA				RETURN FAN MOTOR DATA				CHILLED WATER COOLING COIL										DX COOLING COIL					HOT WATER HEATING COIL DATA											TYPICAL UNIT MFG & MODEL NO.	REMARKS:
				EXT. SP W.C.	HP EA/TOTAL	RPM	VOLTS/Ø	EXT. SP W.C.	HP EA/TOTAL	RPM	VOLTS/Ø	TOTAL	SENS	FACE AREA SQ. FT.	ROWS	EWT	LWT	EAT °F DB/WB	LAT °F DB/WB	GPM	APD IN-W.C.	WPD FT-W.C.	TOTAL MBH	SENS MBH	EAT	LAT	APD IN-W.C.	MBH	FACE AREA SQ. FT.	EWT	LWT	EAT °F	LAT °F	APD IN-W.C.	GPM	WPD FT-W.C.	CAPACITY (LB/HR)	PRESSURE (PSIG)	EAT/RH	LEAVING RH		
AHU-19	ROOFTOP	13,000	4000	2.5	4.5/27	4260	460/3	1.5	8.5/25.5	2545	460/3	648.4	422.7	30.8	8	45	55	80/67	50/50	129	0.9	16.26	576.6	389.6	80/67	52.8/52.3	0.54	435	27.63	180	160	50	80.9	0.07	44.4	5.29	162.6	15	55/30.4%	60.00%	NORTEK	

REMARKS: 1. PROVIDE ONE VFD PER MOTOR IN SUPPLY AND RETURN FAN ARRAYS
2. PROVIDE CUSTOM COLOR TO BE SELECTED BY OWNER
4. INTEGRAL HEAT RECOVERY WHEEL, SEE SEPARATE SCHEDULE
4. PROVIDE 6' SERVICE VESTIBULE

ENERGY RECOVERY WHEEL PERFORMANCE SCHEDULE

MARK	WINTER CONDITIONS									SUMMER CONDITIONS									MOTOR HP	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
	WHEEL ENTERING CONDITIONS				WHEEL LEAVING CONDITIONS				EFFECTIVENESS @ WINTER DESIGN	WHEEL ENTERING CONDITIONS				WHEEL LEAVING CONDITIONS				EFFECTIVENESS @ SUMMER DESIGN			
	OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR			OUTSIDE AIR		RETURN AIR		SUPPLY AIR		EXHAUST AIR					
	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	TOTAL %	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	DB (°F)	WB (°F)	TOTAL %			
AHU-19	5.4	5.4	70	53	56.8	45.6	18.5	18	79.6	90	75	75	62.5	78.5	66.3	86.5	71.9	76.4	0.5	INNERGYTECH I3-MS3A	

REMARKS:

PUMPING SKID SCHEDULE

MARK	LOCATION	SERVICE	GPM	HD (FT.)	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	HX MARK	TYPE	STEAM (SHELL)		HOT WATER (TUBE)					DIMENSIONS		TYPICAL UNIT MFG & MODEL NO.	TYPICAL MODE	REMARKS:
					HP	VOLTS	PH				PSIG	LBS/HR	GPM	EWT (°F)	LWT (°F)	ΔP FT-H20	MBH	DIAMETER	LENGTH			
HWP-1	SOUTH MECH ROOM	HEATING HOT WATER	63	55	3	460	3	TACO 1509D	HX-1	STEAM TO HOT WATER	5	965	95	160	180	0.57	950	8	4	TACO	E0820-S	
HWP-2	SOUTH MECH ROOM	HEATING HOT WATER	63	55	3	460	3	TACO	--	--	--	--	--	--	--	--	--	--	--	--		--

REMARKS: 1. INCLUDE 3" AIR SEPARATOR
2. INCLUDE EXPANSION TANK SIZE - 34 GALLONS. TACO MODEL PAX 130 OR EQUIVALENT

VARIABLE AIR VOLUME (VAV) TERMINAL SCHEDULE

MARK	AHU TAG	SIZE		CFM MAX.		STATIC PRESSURE		NC LEVELS		HOT WATER HEATING COIL								HAND	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
		UNIT	OUTLET	MAX	MIN	DOWN	MIN	RAD	DIS	MBH	EAT °F	EWT °F	LAT °F	APD	GPM @ 180°F EWT	LWT °F	WPD FT. HD	ROWS			
VAV-01	AC-1	7	12X10	350	175	0.25	0.09	19	24	7.6	55	180	95	0.05	0.9	162.8	0.47	1	RH	TITUS DESV	*
VAV-02	AC-1	12	16X15	900	450	0.25	0.08	19	23	19.5	55	180	95	0.07	9.3	175.7	9.55	1	RH	TITUS DESV	
VAV-03	AC-1	6	12X8	325	200	0.25	0.23	20	22	9.8	55	180	100	0.14	0.6	147.2	0.08	1	RH	TITUS DESV	
VAV-04	AC-1	8	12X10	400	275	0.25	0.13	17	25	12.5	55	180	97	0.12	0.6	137.9	0.1	2	RH	TITUS DESV	
VAV-05	AC-1	8	12X10	400	400	0.25	0.13	17	25	17.4	55	180	95	0.12	0.9	141.1	0.18	2	RH	TITUS DESV	
VAV-06	AC-1	10	14X12.5	500	250	0.25	0.06	22	23	8.7	55	180	95	0.05	0.8	157.7	0.1	1	RH	TITUS DESV	
VAV-07	AC-1	16	24X18	1100	915	0.25	0.09	11	11	41.7	55	180	97	0.08	1.8	133.3	0.08	2	RH	TITUS DESV	
VAV-08	AC-1	7	12X10	200	190	0.25	0.03	13	24	8.3	55	180	95	0.02	1.3	167	0.92	1	RH	TITUS DESV	
VAV-09	AC-1	8	12X10	400	225	0.25	0.07	18	25	9.7	55	180	94.9	0.06	5.4	175.6	9.99	1	RH	TITUS DESV	
VAV-10	AC-1	8	12X10	425	375	0.25	0.14	18	25	16.3	55	180	95	0.13	0.8	139.9	0.16	2	RH	TITUS DESV	
VAV-11	AC-1	8	12X10	350	175	0.25	0.06	17	25	7.6	55	180	95	0.05	0.9	162.8	0.47	1	RH	TITUS DESV	
VAV-12	AC-1	4	12X8	200	100	0.25	0.11	27	34	4.3	55	180	95	0.03	0.4	156.8	0.1	1	RH	TITUS DESV	
VAV-13	AC-1	12	16X15	800	800	0.25	0.13	18	22	34.7	55	180	95	0.12	1.6	134.4	0.24	2	RH	TITUS DESV	
VAV-14	AC-1	6	12X8	230	230	0.25	0.12	15	23	10.3	55	180	96.3	0.08	0.6	145.3	0.08	2	RH	TITUS DESV	
VAV-15	AC-1	12	16X15	775	685	0.25	0.13	18	22	29.7	55	180	95	0.12	1.3	131.2	0.18	2	RH	TITUS DESV	
VAV-16	AC-1	6	12X8	250	220	0.25	0.14	16	23	10.1	55	180	97.5	0.09	0.6	145.9	0.08	2	RH	TITUS DESV	
VAV-17	AC-1	4	12X8	100	100	0.25	0.03	14	27	4.3	55	180	95	0.01	0.4	156.8	0.1	1	RH	TITUS DESV	
VAV-18	AC-1	14	20X17.5	950	525	0.25	0.05	17	18	22.8	55	180	95	0.04	2.9	164	0.44	1	RH	TITUS DESV	
VAV-19	AC-1	16	24X18	1200	660	0.25	0.06	13	13	28.6	55	180	95	0.05	4	165.1	0.87	1	RH	TITUS DESV	
VAV-20	AC-1	12	16X15	680	400	0.25	0.06	24	24	17.4	55	180	95	0.05	3.4	169.4	1.36	1	RH	TITUS DESV	

REMARKS:

FAN SCHEDULE

MARK	LOCATION	SERVICE	TYPE	ROOF OPENING (IN.)	CFM	SP IN W.G.	DIAMETER (IN.)	RPM	ELECTRICAL DATA			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
									BHP / HP	VOLTS	PHASE		
EF-1	ROOF	LOCKER ROOMS AND BATHROOMS	DOWNBLAST	18.5X18.5	2250	0.85	28	1223	.67/.75	460	3	GREENHECK GB-160	1, 2, 3
EF-2	ROOF	EVS AND BATHROOM	DOWNBLAST	18.5X18.5	1450	0.58	28	1106	.28/.5	115	1	GREENHECK GB-140 VG	1, 2, 3

REMARKS: 1. PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT SWITCH
2. PROVIDE BACKDRAFT DAMPER
3. PROVIDE VFD

AIR COOLED CONDENSING UNIT SCHEDULE

MARK	LOCATION	SERVES	NOMINAL TONS	MBH	SST °F	ELECTRICAL DATA						WT (LB)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
						FAN DATA		WSA	OPD	VOLTS/Ø	FLA			
						NO.	HP							
ACCU-1	ROOF	AC-1	1.5	18	95	1	0.2	14.8	25	208/1/60	12.1	200	LIEBERT PFH020A-LN	1
ACCU-2	ROOF	AC-2	3	36	95	1	0.2	8.7	15	460/3/60	7.1	241	LIEBERT PFH037A-LN	1
ACCU-3	ROOF	AC-3	5	60	95	1	0.5	14.2	20	460/3/60	11.7	351	LIEBERT PFH067A-LN	1
ACCU-4	ROOF	AC-4	3	36	95	1	0.5	-	44	208/1/60	36	278	MITSUBISHI PUMY-HP36	1
ACCU-5	ROOF	AHU-19	50	576	95	4	-	-	100	460/3/60	90.7	2345	YORK YD600	1,2

REMARKS: 1. UNITS TO BE MOUNTED ON WIND-RATED EQUIPMENT RAILS
2. INCLUDE LOW AMBIENT KIT

STEAM GENERATOR SCHEDULE

MARK	LOCATION	SERVICE	BOILER STEAM		CLEAN STEAM		WEIGHT (LBS)	EMERGENCY GENERATOR	TYPICAL UNIT MFG. & MODEL NO.	REMARKS:
			PSI	PPH	FLUID	PPH				
H-1	MECH ROOM	AHU-19	15	201	WATER	175	-	NO	CONDAIR SE 175	1

REMARKS: 1. PROVIDE 1/2" MAKEUP WATER CONNECTION

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	FACE SIZE	DESIGN EQUIP.	REMARKS
D-1	SUPPLY	STEEL	LAY IN	WHITE	24X24	PRICE SCD	
D-2	SUPPLY	STEEL	LAY IN	WHITE	12x12	PRICE SCD	
R-1	RETURN/EA	STEEL	LAY IN	WHITE	24X24	PRICE PDDR	
R-2	RETURN/EA	STEEL	LAY IN	WHITE	AS NOTED	PRICE 530	

REMARKS: 1.

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SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	BKM	LB

SCALE AS SHOWN

SHEET TITLE
MECHANICAL SCHEDULES

PROJECT NUMBER
15068.00

H
900
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\04 CAD\AutoCAD\MECH\HPH900.dwg Date last accessed: 3/8/2021 10:17 AM Plotted By: Brendon Mazza Date last plotted: 3/8/2021 10:17 AM

WIRING LEGEND:

- S. SWITCH
  - (NONE) SINGLE POLE TOGGLE SWITCH
  - 2 TWO POLE TOGGLE SWITCH
  - 3 THREE WAY TOGGLE SWITCH
  - 4 FOUR WAY TOGGLE SWITCH
  - WP SINGLE POLE WEATHER PROOF SWITCH
  - K SINGLE POLE KEYED SWITCH
  - K2 TWO POLE KEYED SWITCH
  - K3 THREE WAY KEYED SWITCH
  - K4 FOUR WAY KEYED SWITCH
  - P SINGLE POLE SWITCH WITH PILOT LIGHT
  - TM SINGLE POLE SWITCH WITH ONE HOUR TIMER
  - T THERMAL SWITCH
  - TP THERMAL SWITCH WITH PILOT LIGHT
  - M MOMENTARY CONTACT SWITCH
- S_{II} ROMAN NUMERAL DESIGNATES NUMBER OF SWITCHES
- S_{a} LOWER CASE LETTER DESIGNATES SWITCH LEG
- SINGLE RECEPTACLE
- PLUG MOLD
- DUPLEX RECEPTACLE
- QUADRAPLEX RECEPTACLE
- SPECIAL RECEPTACLE
  - GFI GROUND FAULT CIRCUIT INTERRUPTER
  - WP GFCI, WEATHER RESISTANT RECEPTACLE WITH WEATHER PROOF IN-USE COVER
  - SS SURGE SUPPRESSION
  - C COUNTER HEIGHT
  - TR TAMPER RESISTANT, UL LISTED
  - IG ISOLATED GROUND
  - RT RAIN TITE
  - E EMERGENCY
  - X TYPE X (SEE RECEPTACLE SCHEDULE)
- PP POWER POLE
- RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE
- SURFACE MOUNTED FLOOR RECEPTACLE
- CEILING MOUNTED DUPLEX RECEPTACLE
- C CONDUIT
- W EXPOSED LOW VOLTAGE WIRING
- HORIZONTAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
- VERTICAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES
- WM WIRE MOLD
- J. JUNCTION BOX
  - F FIRE SYSTEM
  - S SECURITY SYSTEM
- DISCONNECT SWITCH
- DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)
- FUSED DISCONNECT SWITCH
- COMBINATION FUSED DISCONNECT/ MAGNETIC STARTER SWITCH
  - HOA HAND/OFF/AUTO
  - SS START/STOP
- MANUAL STARTER
- VSD COMBINATION VARIABLE SPEED DRIVE AND DISCONNECT
- VSD VARIABLE SPEED DRIVE
- ST/SP PUSHBUTTON - START, STOP
- ST/SP/PL PUSHBUTTON - START, STOP, WITH PILOT LIGHT
- UP/DN/SP PUSHBUTTON - UP, DOWN, STOP
- EF-1 MOTOR WITH DESIGNATOR
- PD DOOR POWER OPERATOR
- TC TIME CLOCK
- WH WATER HEATER
- HD HAND DRYER, HARD WIRED
- T THERMOSTAT
- HVP1-6 BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER, QUANTITY OF ARROWHEADS DENOTES QUANTITY OF BRANCH CIRCUITS
  - GFI BKR. GFI TYPE BREAKER
  - A.F. BKR. ARC FAULT BREAKER
- BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED
- POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)
- HARDWIRE CONNECTION
  - AD AUTO DOOR POWER CONNECTION
  - AC ACCESS CONTROL POWER SUPPLY CONNECTION
- CONDUIT RISER UP
- CONDUIT RISER DOWN
- T TRANSFORMER
- T_K TYPE "K" TRANSFORMER
- MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)
- EMERGENCY BREAK GLASS STATION
- GROUNDING ROD

NOTE:

SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

SINGLE LINE DIAGRAM LEGEND:

- EARTH GROUND
- CHASSIS GROUND
- 45 KVA 480-208/120V K-13 TRANSFORMER - KVA, PRIMARY AND SECONDARY VOLTAGE INDICATED, CONNECTIONS, K-RATING, AND SHIELD SPECIFIED
- CURRENT TRANSFORMER
- POTENTIAL TRANSFORMER
- FUSE
- DISCONNECT/LOADBREAK SWITCH
- CIRCUIT BREAKER
- CIRCUIT BREAKER DRAWOUT MOUNTED (LOW VOLTAGE)
- AUTOMATIC TRANSFER SWITCH (NORMAL POSITION SHOWN)
- METER
- ENCLOSED CIRCUIT BREAKER
- LIGHTNING ARRESTER
- FUSED DISCONNECT SWITCH
- PANEL 208-120V 225A PANELBOARD- RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

- T* TELEPHONE
  - (NONE) STANDARD MODULAR JACK FOR TELEPHONE
  - W WALL MOUNTED TELEPHONE MODULAR JACK
  - P PUBLIC TELEPHONE MODULAR JACK
  - C COUNTER HEIGHT MODULAR JACK
- TELEPHONE FLOOR OUTLET
- DATA OUTLET WITH FLUSH BOX AND FACEPLATE
- COMPUTER FLOOR OUTLET
- COMBINATION TELEPHONE CABLE AND DATA OUTLETS IN DOUBLE GANG FLUSH MOUNTED BOX WITH FACEPLATE
- WAP WIRELESS ACCESS POINT
- T_T TELEMETRY
- T/D BACK BOX FOR OWNER PROVIDED TEL/COM WIRING & DEVICES
- DATA RACK
- COAX CABLE (TYPE F CONNECTOR)
- CEILING MOUNT LCD PROJECTOR
- SPEAKER (PUBLIC ADDRESS)
  - (NONE) CEILING MOUNTED
  - W WALL MOUNTED
- SPEAKER (LOCAL SOUND SYSTEM)
- SPEAKER HORN
- MICROPHONE JACK
- SPEAKER JACK
- VOLUME CONTROL
- CLOCK
  - D DIGITAL CLOCK
  - ET ELAPSED TIME DIGITAL CLOCK
- DOUBLE FACE CLOCK
- C.S COMBINATION CLOCK AND SPEAKER
- ET ELAPSED TIMER CONTROL STATION
- IC INTERCOM STATION
- PA MIC REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE
- CJ CONSOLE JACK
- HL HOUSE LIGHT CONTROL STATION
- WB WALL BOX AS SPECIFIED
- FB FLOOR BOX

GSH WIRE IDENTIFICATION COLOR CHART	
SYSTEM DESCRIPTION	**COLOR**
FIRE ALARM	RED
NURSECALL	YELLOW
SECURITY CCTV AND DOOR ACCESS COMMUNICATION/X-NET	PURPLE
PHONE	WHITE
DATA	BLUE
WIRELESS/WIFI	GREEN
PHILIPS	ORANGE
LAB DATA	PINK
N LIGHT	BROWN

FIRE/LIFE SAFETY LEGEND:

- F FIRE ALARM PULL STATION
- FB FIRE ALARM BELL
- H FIRE ALARM HORN
- H FIRE ALARM HORN AND STROBE COMBINATION
- H WP FIRE ALARM HORN AND STROBE COMBINATION, WEATHER PROOF
- S FIRE ALARM SPEAKER
- S C FIRE ALARM SPEAKER - CEILING MOUNTED
- S FIRE ALARM SPEAKER AND STROBE COMBINATION
- FIRE ALARM STROBE
- FIRE ALARM STROBE - CEILING MOUNTED
- SMOKE DETECTOR
- SD WG SMOKE DETECTOR WITH GUARD
- CO CARBON MONOXIDE DETECTOR
- CH4 NATURAL GAS SENSOR
- HEAT DETECTOR
- COMBINATION SMOKE/HEAT DETECTOR
- H HEAT DETECTOR - 190° FIXED TEMPERATURE
- H EXP HEAT DETECTOR - EXPLOSION PROOF
- BT BEAM SMOKE DETECTOR TRANSMITTER
- BR BEAM SMOKE DETECTOR RECEIVER
- DUCT DETECTOR
  - SA INDICATES INSTALLATION IN SUPPLY AIR
  - RA INDICATES INSTALLATION IN RETURN AIR
- RTS REMOTE TEST STATION FOR DUCT DETECTOR
- K FIRE ALARM SHUT DOWN RELAY
- DH FIRE DOOR HOLD OPEN
- VS TAMPER SWITCH
- WF FLOW SWITCH
- PS FIRE SUPRESSION ANSUL SYSTEM CONNECTION
- FR. SMOKE DAMPER RELAY CONNECTION
  - SD/FD SMOKE DAMPER AND FIRE DAMPER
  - SD SMOKE DAMPER
- AM CONTROL MODULE, ADDRESSABLE
- AREA OF RESCUE CALL STATION
- RDA AREA OF RESCUE MASTER TELEPHONE STATION

SECURITY LEGEND:

- KP SECURITY KEY PAD
- VIDEO CAMERA
- VVM CCTV VIDEO MONITOR
- PIR PASSIVE INFRARED MOTION DETECTOR
- CR CARD READER
- C CALL SWITCH
- DC DOOR CONTACT
- WC WINDOW CONTACT
- ES ELECTRIC STRIKE DOOR RELEASE
- ML MAGNETIC DOOR RELEASE

NURSE CALL LEGEND:

- CB NURSE CALL BUTTON
- P NURSE CALL PATIENT BED STATION
- B CODE CALL BUTTON
- SA NURSE CALL STAFF ASSIST STATION
- S NURSE CALL STAFF STATION
- SD NURSE CALL DUTY/STAFF STATION
- D NURSE CALL DUTY STATION
- NURSE CALL LIGHT
- NURSE CALL CODE LIGHT
- NURSE CALL ZONE LIGHT
- M NURSE CALL MASTER STATION
- E NURSE CALL EMERGENCY PULL STATION
- NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

- XX LIGHTING FIXTURE (SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)
- EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
- EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE (WHERE USED, ARROW INDICATES CHEVRON DIRECTION)
- BATTERY POWERED EMERGENCY LIGHT
- EMERGENCY LIGHT REMOTE HEAD
- TRACK LIGHTING
- POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)
- OS OCCUPANCY SENSOR - CEILING MOUNTED
- OSW OCCUPANCY SENSOR - WALL MOUNTED
- LC LIGHTING CONTACTOR
- PC PHOTOCELL
- S. SWITCH
  - LV LOW VOLTAGE 1-4 BUTTON STATION (CONNECT TO LIGHTING CONTROL STATION)
  - O OCCUPANCY SENSOR SWITCH
  - D DIMMER (INCANDESCENT)
  - D3 THREE WAY DIMMER (INCANDESCENT)
  - DF DIMMER (FLUORESCENT)

PANEL LEGEND:

- EXISTING ELECTRICAL PANEL
- XXX NEW ELECTRICAL PANEL
  - MDP MAIN DISTRIBUTION PANEL
  - LVP LOW VOLTAGE PANEL
  - HVP HIGH VOLTAGE PANEL
  - LP LIGHTING CONTROL PANEL
  - IG ISOLATED GROUND PANEL
  - MSB MAIN SWITCH BOARD
  - MCC MOTOR CONTROL CENTER
  - TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION
- ATS AUTOMATIC TRANSFER SWITCH
- XXX ELECTRICAL SYSTEMS PANEL
  - SACP SECURITY ALARM CONTROL PANEL
  - FACP FIRE ALARM CONTROL PANEL
  - PA PUBLIC ADDRESS CONTROL PANEL
  - FAAP FIRE ALARM ANNUNCIATOR PANEL

ELECTRICAL EQUIPMENT LABELING PLACARD

PROVIDE NEW ENGRAVED LABEL PLACARD FOR ALL ELECTRICAL PANELS, TRANSFORMERS, DISCONNECTS, TRANSFER SWITCHES, AND OTHER DISTRIBUTION EQUIPMENT IN THE FACILITY WITH EQUIPMENT NAME/DESIGNATION SHOWN ON THE PROPOSED RISER DIAGRAM. PLACARD TYPE AND COLOR SHALL BE PER SPECIFICATIONS AND SHALL CONTAIN THE FOLLOWING INFORMATION:

LINE 1 - EQUIPMENT NAME
LINE 2 - VOLTAGE AND PHASE
LINE 3 - WHERE EQUIPMENT IS FED FROM

EXAMPLE:

PANEL "H1"
480Y/208V-3Ø-4W
FED FROM "MSB"

GENERAL ELECTRICAL NOTES:

1) ALL WORK TO BE DONE IN ACCORDANCE WITH THE LATEST ADOPTED EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).

2) CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.

BUILDING:

3) INSTALLATION HEIGHT TO CENTER OF EQUIPMENT ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED TO BE:
   - RECEPTACLE = 18"
   - SWITCH = 44"
   - MODULAR JACK FOR WALL MOUNTED TELEPHONE = 52"
   - MODULAR TELEPHONE JACK = 18"
   - AUDIO/VISUAL FIRE ALARM INDICATORS = 88"
   - FIRE ALARM PULL STATIONS = 48"
   - TELEVISION OUTLET = 7'-0"
   - COMPUTER OUTLET = 18"
   - CALL SWITCH = 44"
   - REMOTE TEST STATION FOR DUCT DETECTOR = 52"
   - C = ABOVE COUNTER BACKSPLASH, COORDINATE WITH ARCHITECTURAL ELEVATIONS AND MILLWORK.

4) INSTALL DATA JACKS FOR CEILING MOUNTED WIRELESS TRANSMITTERS ABOVE CEILING IN ALL AREAS WHERE THERE IS AN ACCESSIBLE CEILING. PROVIDE FLUSH MOUNTED JACKS IN ALL HARD CEILINGS.

5) ALL CONDUIT AND WIRING TO BE CONCEALED IN WALLS, FLOOR, OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE BOXES SHALL BE USED IN-LIEU OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.

6) ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.

7) CONDUIT RUNS SHOWN ARE SCHEMATICAL AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

GROUNDING:

8) ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

WIRING:

9) UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE THREE (3) #12 AWG THHN/THWN (1 HOT, 1 NEUTRAL & 1 EQUIPMENT GROUND) IN 3/4" EMT CONDUIT. PROTECT EACH CIRCUIT WITH A 20 AMPERE, 1-POLE OVERCURRENT DEVICE UNLESS OTHERWISE NOTED. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET. COMBINED NEUTRALS ARE NOT PERMITTED.

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DATE	DRAWN	CHECKED
3/9/2021	JAE	ARM

SCALE AS INDICATED

SHEET TITLE
ELECTRICAL SYMBOLS LEGEND AND GENERAL NOTES

PROJECT NUMBER
15068.00

E000
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ELEC\E0\E000.dwg Date last accessed: 3/5/2021 4:55 PM Date last plotted: 3/8/2021 7:50 AM Plotted By: Josh Ebbland

WIRING LEGEND:

EXISTING	———
DEMO	– – – – – – – –
TEMP	— – — –T– — – —
NEW	———

GENERAL NOTES:

A. ANY EQUIPMENT, WIRING/RACEWAY, ETC. LABELED "(E)" IS EXISTING TO REMAIN, UNLESS OTHERWISE NOTED.

B. COORDINATE ALL SHUTDOWNS IN FIELD WITH OWNER. CONTRACTOR SHALL PROVIDE OWNER WITH A MINIMUM 2 WEEK PRIOR NOTICE TO ALL SHUTDOWNS.

C. ALL NEW CIRCUIT BREAKERS SHALL MATCH SHORT CIRCUIT INTERRUPTING RATING OF EXISTING ELECTRICAL EQUIPMENT.

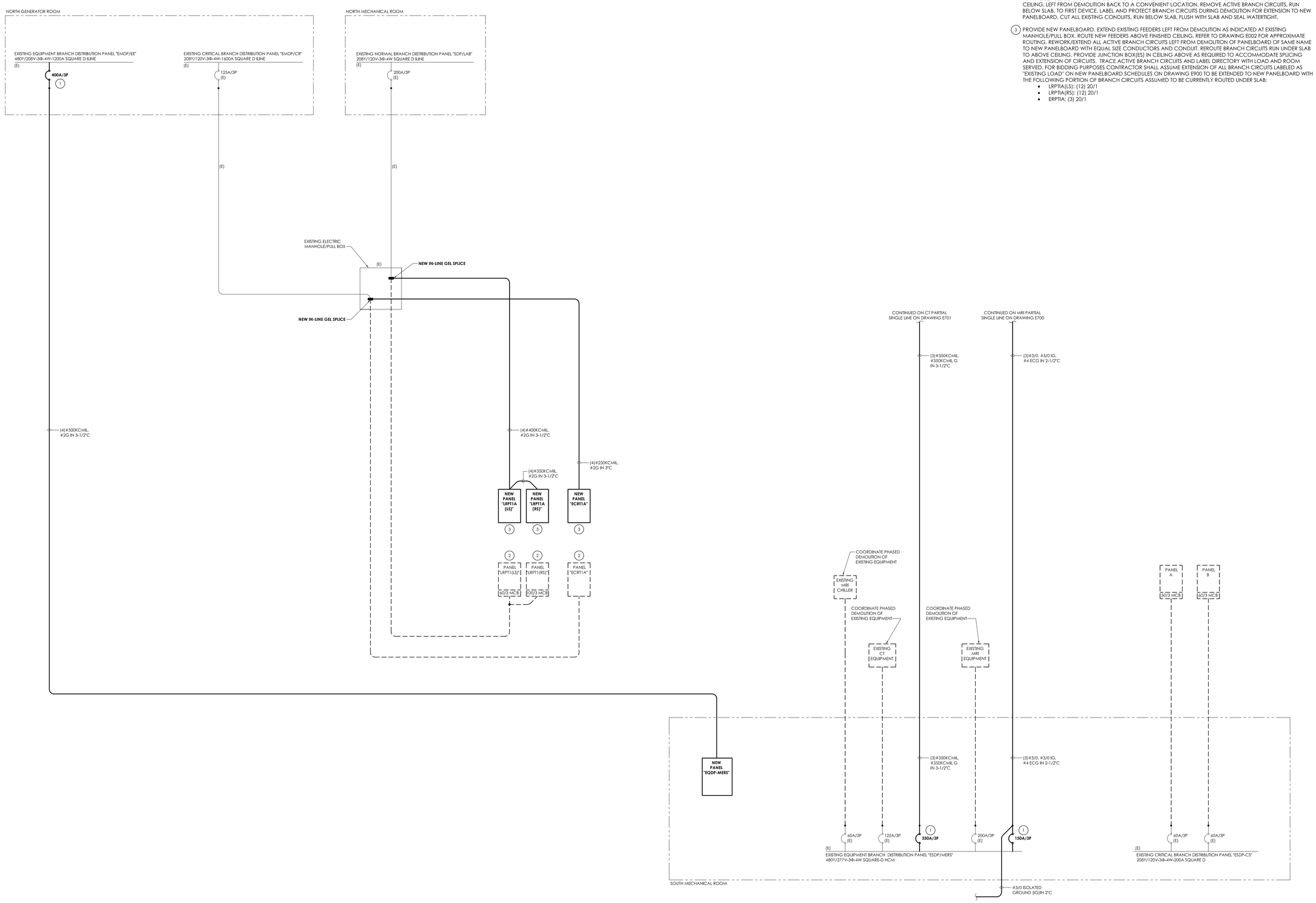
D. TURN UNUSED CIRCUIT BREAKERS TO OFF POSITION, LABEL AS SPARE, AND PROVIDE PANELBOARDS WITH UPDATED TYPED DIRECTORIES.

KEY NOTES:

1. PROVIDE NEW OVERCURRENT PROTECTIVE DEVICE AS INDICATED IN EXISTING SPACE. PROVIDE ALL ASSOCIATED BUSSING MOUNTING KITS/BRACKETS AS REQUIRED TO ACCOMMODATE INSTALLATION.

2. REMOVE EXISTING PANELBOARD. REMOVE EXISTING FEEDER CONDUCTORS, RUN BELOW SLAB, BACK TO EXISTING MANHOLE/PULL BOX FOR EXTENSION ABOVE CEILING. REMOVE ACTIVE BRANCH CIRCUITS, RUN ABOVE FINISHED CEILING, LEFT FROM DEMOLITION BACK TO A CONVENIENT LOCATION. REMOVE ACTIVE BRANCH CIRCUITS, RUN BELOW SLAB, TO FIRST DEVICE. LABEL AND PROTECT BRANCH CIRCUITS DURING DEMOLITION FOR EXTENSION TO NEW PANELBOARD. CUT ALL EXISTING CONDUITS, RUN BELOW SLAB, FLUSH WITH SLAB AND SEAL WATERTIGHT.

3. PROVIDE NEW PANELBOARD. EXTEND EXISTING FEEDERS LEFT FROM DEMOLITION AS INDICATED AT EXISTING MANHOLE/PULL BOX. ROUTE NEW FEEDERS ABOVE FINISHED CEILING. REFER TO DRAWING E002 FOR APPROXIMATE ROUTING. REWORK/EXTEND ALL ACTIVE BRANCH CIRCUITS LEFT FROM DEMOLITION OF PANELBOARD OF SAME NAME TO NEW PANELBOARD WITH EQUAL SIZE CONDUCTORS AND CONDUIT. REROUTE BRANCH CIRCUITS RUN UNDER SLAB TO ABOVE CEILING. PROVIDE JUNCTION BOX(ES) IN CEILING ABOVE AS REQUIRED TO ACCOMMODATE SPLICING AND EXTENSION OF CIRCUITS. TRACE ACTIVE BRANCH CIRCUITS AND LABEL DIRECTORY WITH LOAD AND ROOM SERVED. FOR BIDDING PURPOSES CONTRACTOR SHALL ASSUME EXTENSION OF ALL BRANCH CIRCUITS LABELED AS "EXISTING LOAD" ON NEW PANELBOARD SCHEDULES ON DRAWING E900 TO BE EXTENDED TO NEW PANELBOARD WITH THE FOLLOWING PORTION OF BRANCH CIRCUITS ASSUMED TO BE CURRENTLY ROUTED UNDER SLAB:
   - LRPTIA(LS): (12) 20/1
   - LRPTIA(RS): (12) 20/1
   - ERPTIA: (3) 20/1



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SCALE AS INDICATED

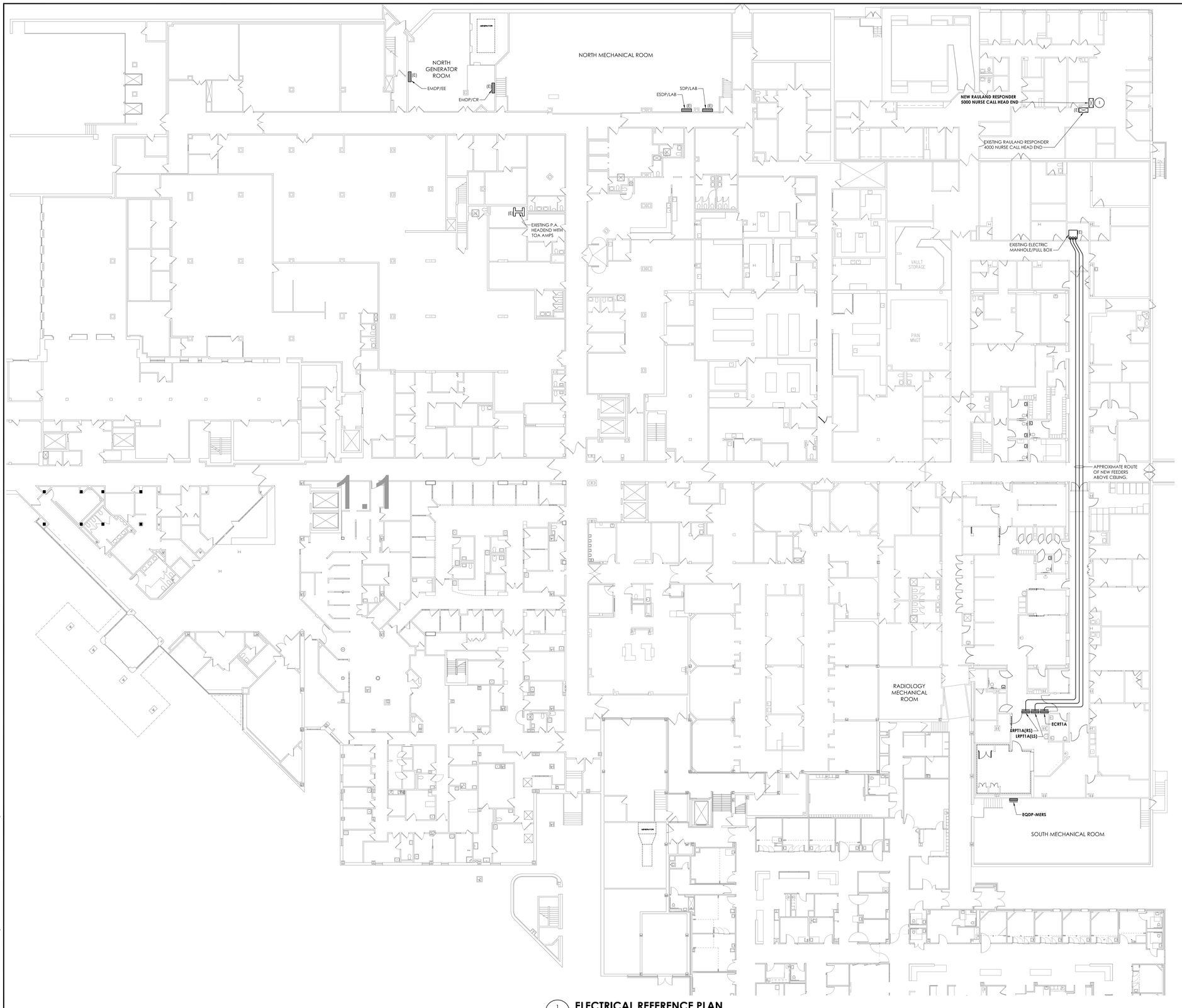
SHEET TITLE
ELECTRICAL
SINGLE LINE
DIAGRAM

PROJECT NUMBER
15068.00

E001
DRAWING NUMBER

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1 E002 **ELECTRICAL REFERENCE PLAN**
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

A. EQUIPMENT AND DEVICES LABELED AS "(E)" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE EQUIPMENT AND DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.

KEY NOTES:

(1) PROVIDE NEW RAULAND RESPONDER 5000 HEAD END. COORDINATE EXACT LOCATION IN FIELD WITH OWNER AND NURSE CALL VENDOR PRIOR TO ROUGH-IN.

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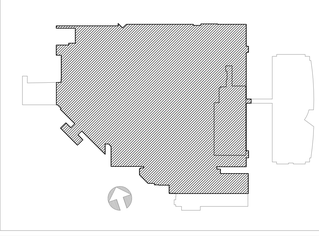
DATE	DRAWN	CHECKED
3/9/2021	JAE	ARM

SCALE AS INDICATED

SHEET TITLE
ELECTRICAL
GROUND FLOOR
REFERENCE PLAN

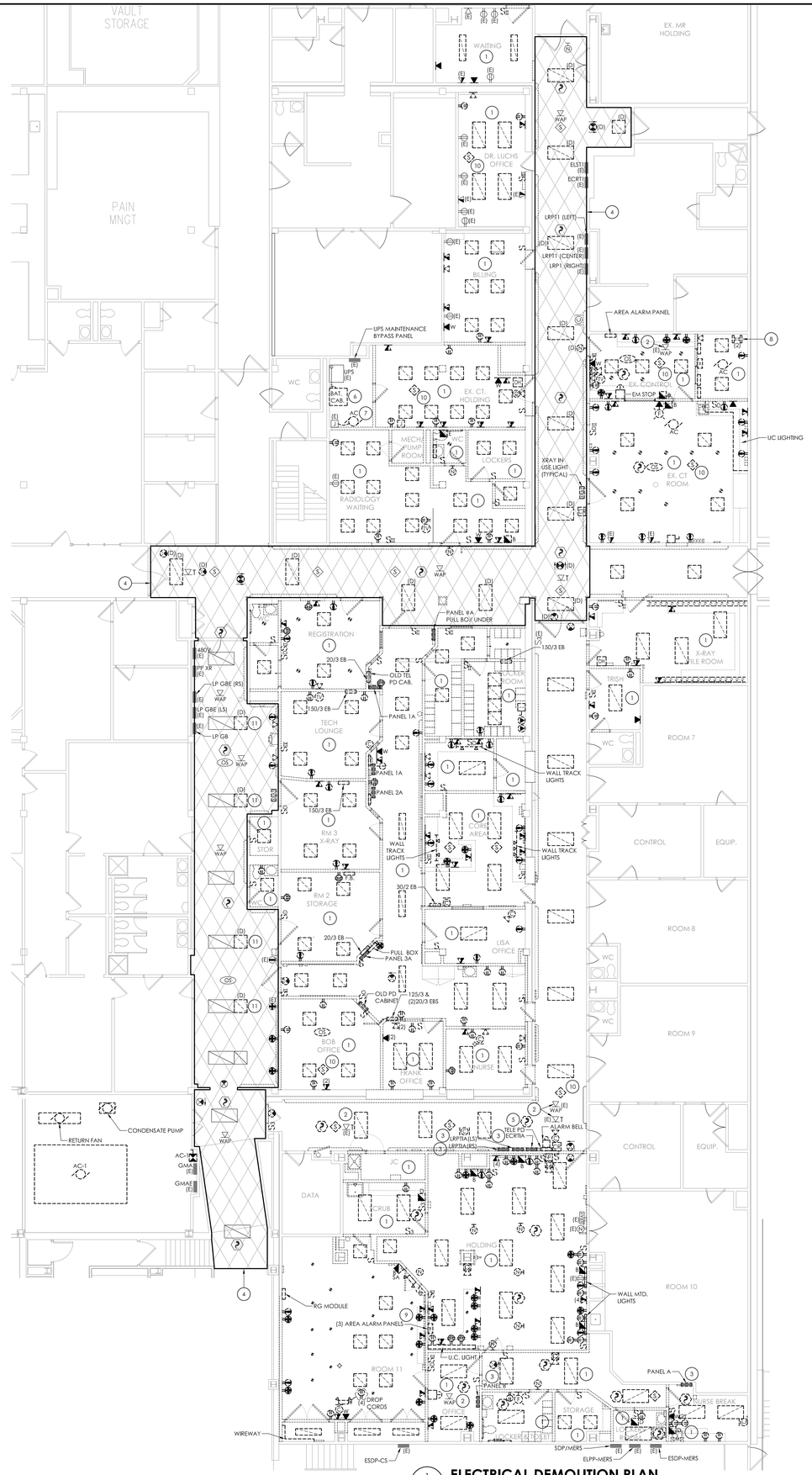
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DRAWING NUMBER

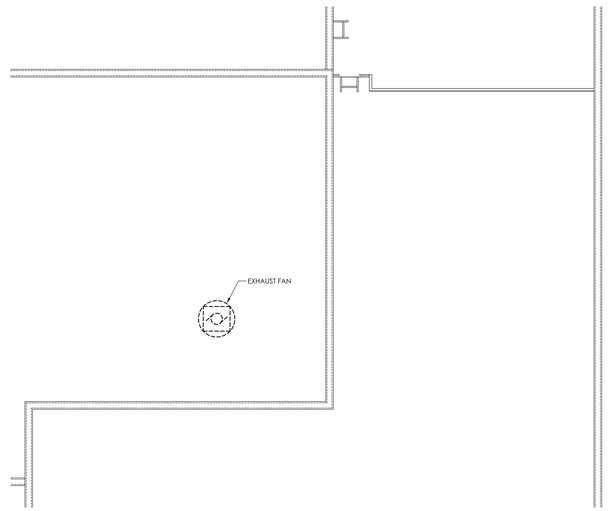


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1 E100 **ELECTRICAL DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"



2 E100 **ELECTRICAL ROOF DEMOLITION PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. (E) - EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS' ASSOCIATED CONDUCTOR AND CONDUIT, LABELED AS "(E)" SHALL REMAIN UNLESS OTHERWISE NOTED.

B. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING ELECTRIC MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED I N THE FOLLOWING NOTES.

C. DRAWINGS INDICATED SPECIFIC ITEMS TO BE REMOVED AND/OR RELOCATED IN ORDER TO INDICATE GENERAL SCOPE. ADDITIONAL ITEMS NOT INDICATED, BUT NECESSARY FOR PROJECT RENOVATIONS, SHALL BE REMOVED, RELOCATED, AND/OR REROUTED. THE CONTRACTOR SHALL REMOVE OR RELOCATE ITEMS AS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.

D. WHERE DEVICES, FIXTURES, ETC. ARE INDICATED TO BE REMOVED, THEY AND THEIR ASSOCIATED WIRING/CONDUIT SHALL BE REMOVED BACK TO SOURCE PANELBOARD OR HEADEND UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC.ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.

E. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.

F. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTEND OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE.

G. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS, EQUIPMENT, PANELS, LIGHT FIXTURES, ETC., BEING REMOVED AS PART OF THIS PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.

H. CONTRACTOR SHALL REMOVE AND REINSTALL EXISTING CEILING TILES AS REQUIRED TO ACCOMMODATE SCOPE OF WORK. TILES SHALL BE VACUUMED PRIOR TO REMOVAL TO MINIMIZE DUST AND DEBRIS. REPLACE DAMAGED TILES AS REQUIRED.

I. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL BOXES OF UNUSED AND/OR REMOVED FLUSH MOUNT DEVICES UPON COMPLETION OF PROJECT.

J. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE REINSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

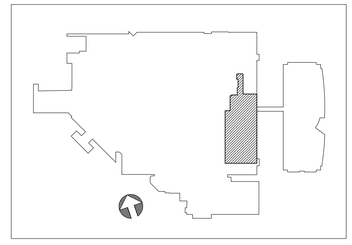
K. IF NEW TRENCHING IS REQUIRED. COORDINATE WITH GENERAL CONTRACTOR AND OWNER PRIOR TO WORK.

L. CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL TELE/DATA, ANTENNAS, CCTV, AND ACCESS CONTROL EQUIPMENT AND DEVICES THROUGHOUT THE AREA OF DEMOLITION WITH OWNER PRIOR TO EQUIPMENT REMOVAL.

M. CONTRACTOR SHALL SALVAGE ALL NURSE CALL DEVICES IN AREA OF DEMOLITION AND TURN OVER TO OWNER.

KEY NOTES:

1. DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE(S) IN SPACE. EXISTING LIGHTING BRANCH CIRCUIT(S) CURRENTLY SERVING FIXTURES SHALL REMAIN AND SERVE NEW FIXTURE LAYOUT. LABEL AND PROTECT CIRCUITING DURING DEMOLITION.
2. TEMPORARILY SUPPORT AND PROTECT EXISTING CEILING DEVICE TO ACCOMMODATE CEILING REPLACEMENT. EXISTING DEVICE TO BE INSTALLED IN NEW CEILING AT SAME LOCATION.
3. REMOVE EXISTING PANELBOARD. REFER TO SINGLE LINE DIAGRAM ON DRAWING E001 FOR ADDITIONAL INFORMATION.
4. HATCHED REGION INDICATES AREAS WHERE CEILING REMOVAL IS OCCURRING TO ACCOMMODATE MECHANICAL WORK ABOVE CEILINGS. CEILING DEVICES WITH A "(D)" ADJACENT SHALL BE DEMOLISHED, UNLESS NOTED OTHERWISE. TEMPORARILY SUPPORT AND PROTECT AND/OR REMOVE AND SALVAGE ALL OTHER EXISTING CEILING DEVICES (FIRE ALARM, P.A. SPEAKER, NURSE CALL, WIRELESS ACCESS POINT, TELEMETRY, OCCUPANCY SENSOR, ETC.) AND LIGHT FIXTURES AS REQUIRED TO ACCOMMODATE MECHANICAL WORK AND CEILING REPLACEMENT. COORDINATE EXACT EXTENT OF WORK WITH OTHER TRADES.
5. COORDINATE RELOCATION OF RECESSED ENCLOSURE CONTAINING TELEPHONE PUNCHDOWNS, APPROXIMATELY 100 PAIRS, WITH HOSPITAL IT DEPARTMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR NEW ENCLOSURES, JUNCTION BOXES, RACEWAY, ETC. ASSOCIATED WITH RELOCATION.
6. REMOVE CIRCUITING FOR EXISTING ROOM 8 UPS BATTERY CABINET BACK TO A CONVENIENT LOCATION TO ACCOMMODATE ROTATION OF BATTERY CABINET.
7. REMOVE CIRCUITING FOR HVAC UNIT BACK TO A CONVENIENT LOCATION TO ACCOMMODATE NEW DOOR OPENING.
8. COORDINATE RELOCATION OF EXISTING DATA RACKS AND NLIGHT GATEWAY WITH HOSPITAL IT DEPARTMENT.
9. (3) AREA ALARM PANELS TO BE RELOCATED TO TEMPORARY LOCATION DURING PHASE 1. REFER TO DRAWING P101 FOR LOCATION. REWORK/EXTEND EXISTING CIRCUITING WITH EQUAL SIZE CONDUCTOR AND CONDUIT TO TEMPORARY LOCATION.
10. REMOVE EXISTING CEILING DEVICE. EXISTING CABLING SHALL REMAIN TO SERVE NEW DEVICE IN SAME AREA. LABEL AND PROTECT CIRCUITING DURING DEMOLITION.
11. REMOVE AND SALVAGE EXISTING 2'X2' LIGHT FIXTURE FOR RELOCATION TO NEW CORRIDOR CEILING.



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SCALE 1/8" = 1'-0"

SHEET TITLE
ELECTRICAL DEMOLITION PLAN

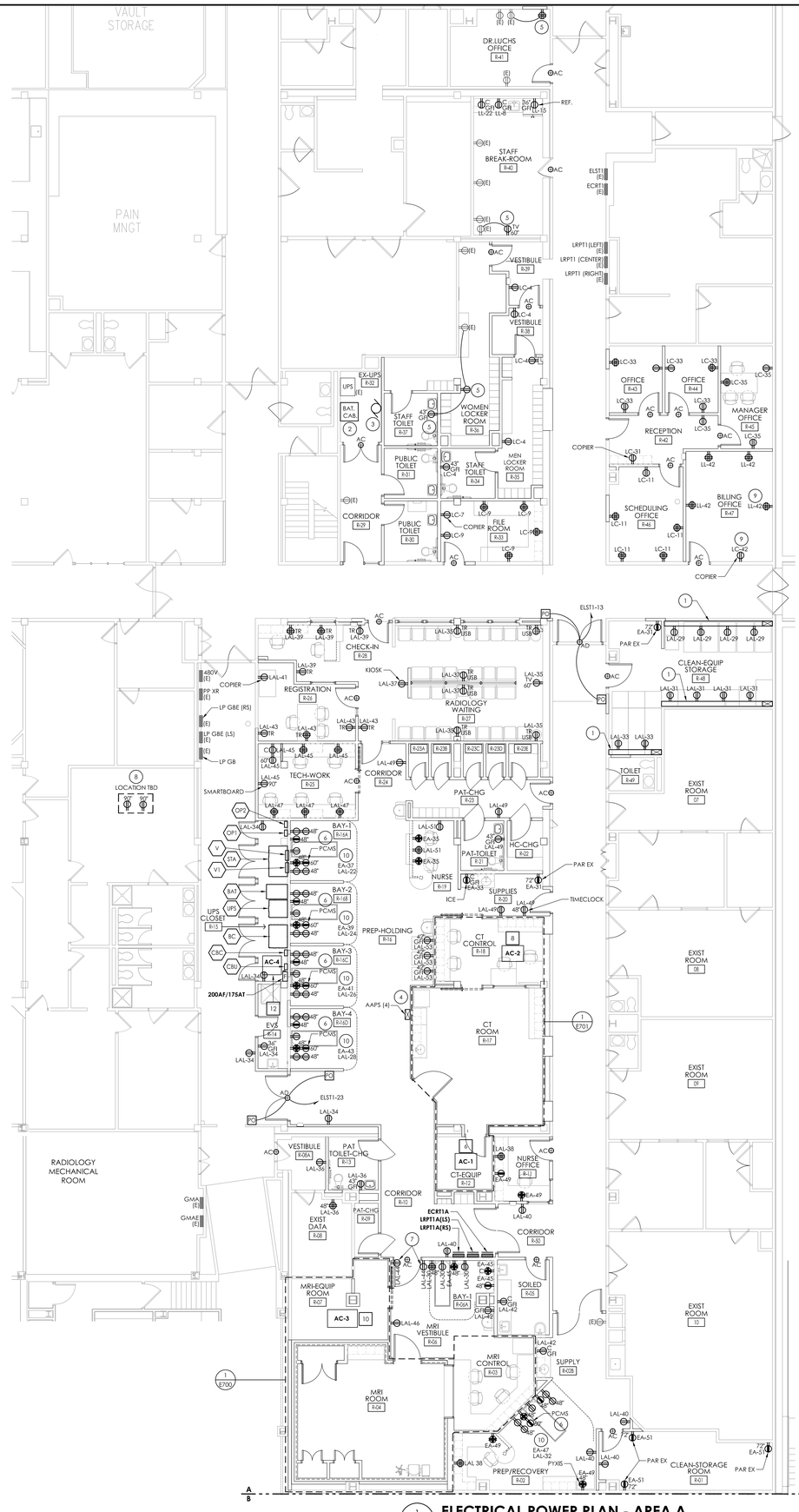
PROJECT NUMBER
15068.00

E100
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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 E200 **ELECTRICAL POWER PLAN - AREA A**
SCALE: 1/8" = 1'-0"

2 E200 **ELECTRICAL POWER PLAN - AREA B**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. EQUIPMENT AND DEVICES LABELED AS "(E)" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE EQUIPMENT AND DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.

B. UNLESS NOTED OTHERWISE, ALL NORMAL POWER RECEPTACLES SHOWN ON DRAWING SHALL BE CIRCUITED TO 120/208V NORMAL BRANCH PANELBOARDS AND CIRCUIT NUMBERS INDICATED ADJACENT TO DEVICE (I.E. PNL-#). FOR DRAWING CLARITY NORMAL PANELBOARD DESIGNATIONS HAVE BEEN SHORTENED:
- LRPT1(LEFT) - LL
- LRPT1(CENTER) - LC
- LRPT1(RIGHT) - LR
- LRPT1A(LS) - LAL
- LRPT1A(RS) - LAR

C. UNLESS NOTED OTHERWISE, ALL CRITICAL (SHADED) POWER RECEPTACLES SHOWN ON DRAWING SHALL BE CIRCUITED TO 120/208V CRITICAL BRANCH PANELBOARDS AND CIRCUIT NUMBERS INDICATED ADJACENT TO DEVICE (I.E. PNL-#). FOR DRAWING CLARITY CRITICAL BRANCH PANELBOARD DESIGNATIONS HAVE BEEN SHORTENED:
- ECRT1 - E
- ECRT1A - EA

D. UNLESS NOTED OTHERWISE, RE-USE EXISTING SPARE 20/1 BREAKER AT CIRCUITS INDICATED IN PANELBOARDS LRPT1(LEFT), LRPT1(CENTER), LRPT1(RIGHT), AND ECRT1.

E. NEW CIRCUIT BREAKERS IN EXISTING PANELBOARDS SHALL BE U.L. LISTED FOR USE IN, AND HAVE MATCHING INTERRUPTING RATING OF, PANELBOARD.

F. REVISE PANELBOARD DIRECTORIES FOLLOWING CONSTRUCTION TO REFLECT CHANGES MADE TO CIRCUITING.

G. ALL RECEPTACLES SHALL BE OF HOSPITAL GRADE CONSTRUCTION WITH MULBERRY STAINLESS STEEL WALL PLATES.

H. ALL DEVICES FED FROM EMERGENCY BRANCHES (CRITICAL AND LIFE SAFETY POWER) SHALL BE RED IN COLOR.

I. ALL DEVICES FED FROM NORMAL BRANCH POWER SHALL BE WHITE IN COLOR.

J. MECHANICAL EQUIPMENT DESIGNATED WITH A NUMBER INSIDE OF A SQUARE ARE SCHEDULED ON DRAWING E900 EQUIPMENT WIRING SCHEDULE.

K. RADIOLOGY EQUIPMENT DESIGNATED WITH A NUMBER INSIDE OF A HEXAGON ARE SCHEDULE ON DRAWING E700 AND E701 ELECTRICAL LEGENDS.

L. COORDINATE HEIGHTS AND LOCATIONS OF ALL DEVICES AND EQUIPMENT WITH ASSOCIATED TRADES, EQUIPMENT SUPPLIERS, MANUFACTURER'S INSTRUCTIONS, AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

M. ALL SINGLE RECEPTACLES FOR CLOCKS SHALL BE RECESSED IN WALL SO THAT CLOCK COMPLETELY COVERS POWER CORD AND ASSOCIATED RECEPTACLE. COORDINATE HEIGHT AND LOCATION OF CLOCKS IN FIELD WITH OWNER PRIOR TO ROUGH-IN OF CLOCK RECEPTACLE. CONNECT RECEPTACLE TO NEAREST AVAILABLE 120V NORMAL BRANCH CONVENIENCE RECEPTACLE CIRCUIT.

N. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING 120VAC POWER TO ALL NEW FIRE ALARM NOTIFICATION APPLIANCE CIRCUIT PANELS AND CIRCUIT TO AVAILABLE SPACE IN 120/208V LIFE SAFETY PANELBOARD "ELST1". PROVIDE 20A/1P BREAKER.

O. CONTRACTOR MUST ENGAGE THE SERVICES OF HOSPITAL PREFERRED VENDOR SIMPLEX GRINNELL (POINT OF CONTACT JOHN PHILLIPS; PHONE: 1-845-774-4120X257; EMAIL: JCPHILLIPS@SIMPLEXGRINNELL.COM), FOR ALL ASSOCIATED FIRE ALARM WORK SHOWN ON PLANS. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND LABOR COSTS ASSOCIATED WITH NEW FIRE ALARM DEVICES, ASSOCIATED CABLING, TESTING, ETC. FOR A COMPLETE OPERATIONAL FIRE ALARM SYSTEM. EXISTING FIRE ALARM SYSTEM IS SIEMENS.

P. FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES.

Q. ALL FIRE ALARM CABLING SHALL BE INSTALLED IN EMT CONDUIT. ASSOCIATED JUNCTION BOXES SHALL BE RED IN COLOR WITH STENCIL LETTERING INDICATING "FIRE ALARM SYSTEM".

R. ALL DOOR POWER OPERATORS SHOWN SHALL INCLUDE THE FOLLOWING: FLUSH MOUNT DOUBLE GANG BOX WITH SINGLE GANG DEVICE RING AND 3/4" CONDUIT ELBOWED ABOVE FINISHED ACCESSIBLE CEILING. CONDUIT SHALL CONTAIN NYLON PULL WIRE AND PLASTIC END BUSHING. COORDINATE FINAL LOCATION OF OPERATOR WITH GENERAL CONTRACTOR PRIOR TO ROUGH-IN.

S. CIRCUIT ALL NEW SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS TO 120/208V LIFE SAFETY BRANCH PANELBOARD ELST1, CIRCUIT 18. REMOVE EXISTING 40/2 BREAKER IN SPACE 18,20 AND PROVIDE NEW 20/1 BREAKER. REFER TO DRAWING E400 FOR LOCATIONS OF DAMPERS.

T. CIRCUIT ALL NEW ACCESS CONTROL POWER SUPPLIES TO 120/208V LIFE SAFETY BRANCH PANELBOARD ELST1, CIRCUIT 20. PROVIDE NEW 20/1 BREAKER IN SPACE.

KEY NOTES:

1. PROVIDE DUAL CHANNEL HORIZONTAL SURFACE RACEWAY AT LOCATION SHOWN, MOUNTED 36" ABOVE FINISHED FLOOR. PROVIDE VERTICAL SECTION AT ONE END TO ABOVE ACCESSIBLE FINISHED CEILING. PROVIDE RECEPTACLES WITH ASSOCIATED FACEPLATES AT LOCATION SHOWN.
2. ROTATE ROOM 8 UPS BATTERY CABINET 90° SUCH THAT FRONT OF CABINET IS FACING NEW DOUBLE DOORS. REWORK/EXTEND EXISTING CIRCUITING WITH EQUAL SIZE CONDUCTOR AND RACEWAY. PROVIDE SPLICE/JUNCTION BOX AS REQUIRED.
3. REWORK/EXTEND EXISTING CIRCUITING FOR HVAC UNIT WITH (2)#12, #12G IN 1/2" CONDUIT TO NEW LOCATION. PROVIDE SPLICE/JUNCTION BOX AS REQUIRED.
4. REWORK/EXTEND EXISTING AREA ALARM PANEL CIRCUITING FROM TEMPORARY LOCATION. SHOWN ON DRAWING P101, TO FINAL LOCATION WITH EQUAL SIZE CONDUCTOR AND RACEWAY.
5. CONNECT NEW RECEPTACLE TO EXISTING RECEPTACLE BRANCH CIRCUIT AS INDICATED.
6. COORDINATE LOCATION OF PATIENT CARE MONITORING SYSTEM (PCMS) WITH OWNER PRIOR TO ROUGH-IN.
7. PROVIDE RECEPTACLE FOR FERRO-MAGNETIC DETECTION SYSTEM, BY OTHERS. COORDINATE EXACT LOCATION WITH MANUFACTURER'S INSTRUCTIONS PRIOR TO ROUGH-IN.
8. PROVIDE DUPLEX RECEPTACLE FOR (2) SCRUB VENDING MACHINES. COORDINATE LOCATION OF VENDING MACHINES WITH OWNER IN FIELD PRIOR TO ROUGH-IN. CIRCUIT RECEPTACLES TO NEAREST AVAILABLE 120/208V PANELBOARD WITH AVAILABLE SPACE. FOR BIDDING PURPOSES CONTRACTOR SHALL ASSUME 100' CIRCUIT AND NEW 20/1 BREAKER REQUIRED.
9. PROVIDE NEW 20/1 CIRCUIT BREAKER IN AVAILABLE SPACE INDICATED.
10. FOR ALL NORMAL HEADWALL RECEPTACLES SHOWN IN BAY, CONNECT TO NORMAL BRANCH CIRCUIT INDICATED WITHIN BAY. FOR ALL EMERGENCY HEADWALL RECEPTACLES SHOWN IN BAY, CONNECT TO CRITICAL BRANCH INDICATED WITHIN BAY.

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SCALE: AS INDICATED

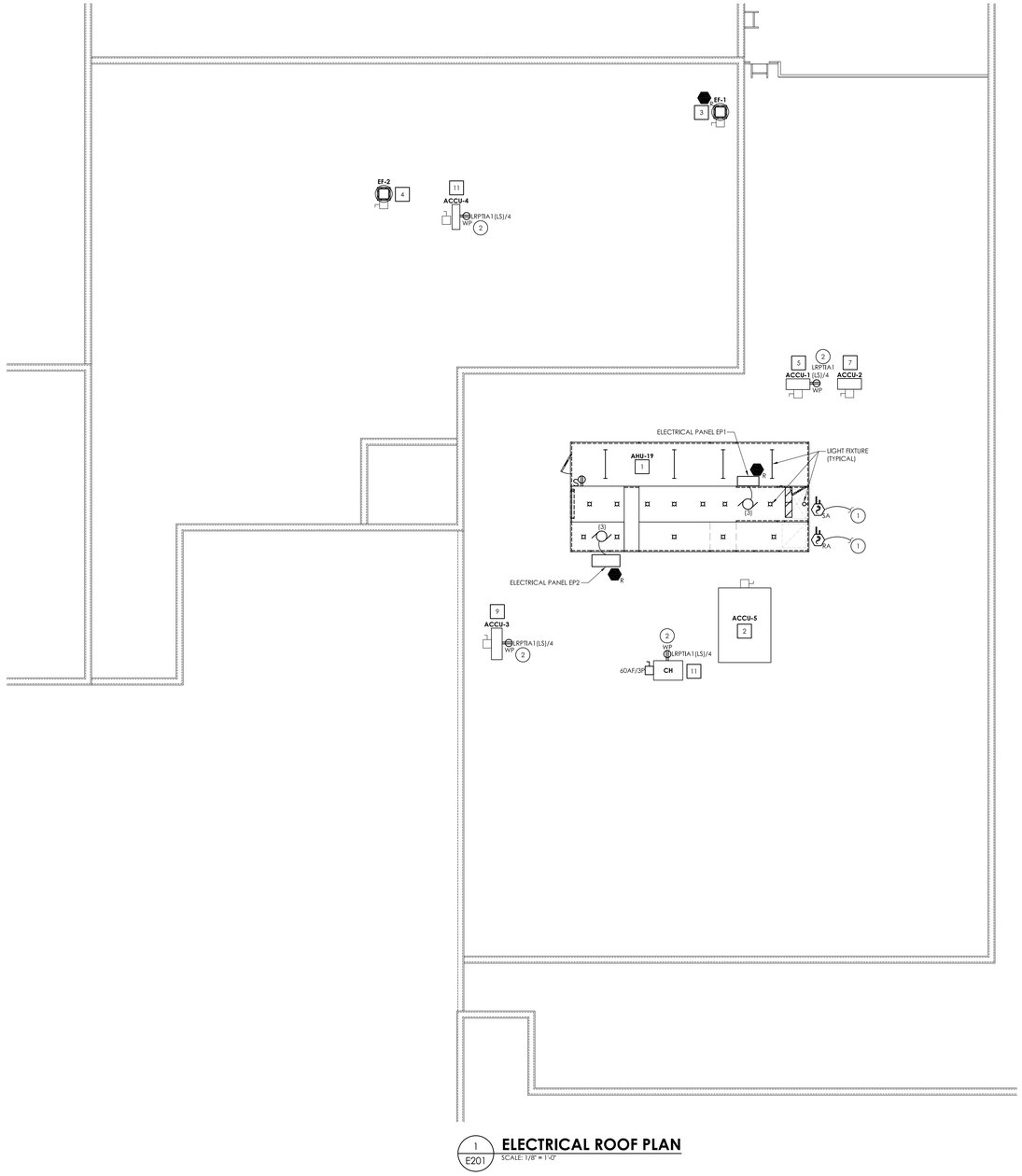
SHEET TITLE: ELECTRICAL POWER PLAN

PROJECT NUMBER: 15068.00

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1 / E201 **ELECTRICAL ROOF PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. EQUIPMENT AND DEVICES LABELED AS "(E)" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE EQUIPMENT AND DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.

B. NEW CIRCUIT BREAKERS IN EXISTING PANELBOARDS SHALL BE U.L. LISTED FOR USE IN, AND HAVE MATCHING INTERRUPTING RATING OF, PANELBOARD.

C. REVISE PANELBOARD DIRECTORIES FOLLOWING CONSTRUCTION TO REFLECT CHANGES MADE TO CIRCUITING.

D. ALL DEVICES FED FROM EMERGENCY BRANCHES (CRITICAL AND LIFE SAFETY POWER) SHALL BE RED IN COLOR.

E. ALL DEVICES FED FROM NORMAL BRANCH POWER SHALL BE WHITE IN COLOR.

F. MECHANICAL EQUIPMENT DESIGNATED WITH A NUMBER INSIDE OF A SQUARE ARE SCHEDULED ON DRAWING E900 EQUIPMENT WIRING SCHEDULE.

G. CONTRACTOR MUST ENGAGE THE SERVICES OF HOSPITAL PREFERRED VENDOR SIMPLEX GRINNELL (POINT OF CONTACT JOHN PHILLIPS; PHONE: 1-845-774-4120X257; EMAIL: JOPHILLIPS@SIMPLEXGRINNELL.COM), FOR ALL ASSOCIATED FIRE ALARM WORK SHOWN ON PLANS. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND LABOR COSTS ASSOCIATED WITH NEW FIRE ALARM DEVICES, ASSOCIATED CABLING, TESTING, ETC. FOR A COMPLETE OPERATIONAL FIRE ALARM SYSTEM, EXISTING FIRE ALARM SYSTEM IS SIEMENS.

H. FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES.

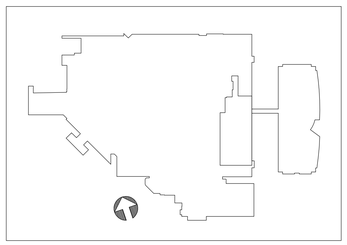
I. ALL FIRE ALARM CABLING SHALL BE INSTALLED IN EMT CONDUIT. ASSOCIATED JUNCTION BOXES SHALL BE RED IN COLOR WITH STENCIL LETTERING INDICATING "FIRE ALARM SYSTEM".

J. REFER TO GSH WIRE IDENTIFICATION COLOR CHART ON DRAWING E000 FOR LOW VOLTAGE WIRING COLOR REQUIREMENTS.

KEY NOTES:

(1) PROVIDE SMOKE DUCT DETECTOR AND ADDRESSABLE RELAYS TO SHUTDOWN UNIT THROUGH FIRE ALARM SYSTEM. LOCATE DETECTOR IN SUPPLY DUCT OF NEW MECHANICAL UNIT BELOW UNIT IN ACCESSIBLE CEILING SPACE PRIOR TO DUCT BRANCH CONNECTIONS AND PER MANUFACTURER'S INSTRUCTIONS. PROVIDE ASSOCIATED REMOTE TEST STATION IN CORRIDOR BELOW. REFER TO DRAWING E400 FOR LOCATION.

(2) PROVIDE GFCI, WEATHER RESISTANT RECEPTACLE WITH IN-USE WEATHER PROOF COVER. RECEPTACLE SHALL BE SUPPORTED ON SEPARATE UNISTRUT MOUNT, ADJACENT TO MECHANICAL UNIT. CONNECT TO PANELBOARD INDICATED ADJACENT TO DEVICE.



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SHEET TITLE
ELECTRICAL
ROOF NEW
WORK PLAN

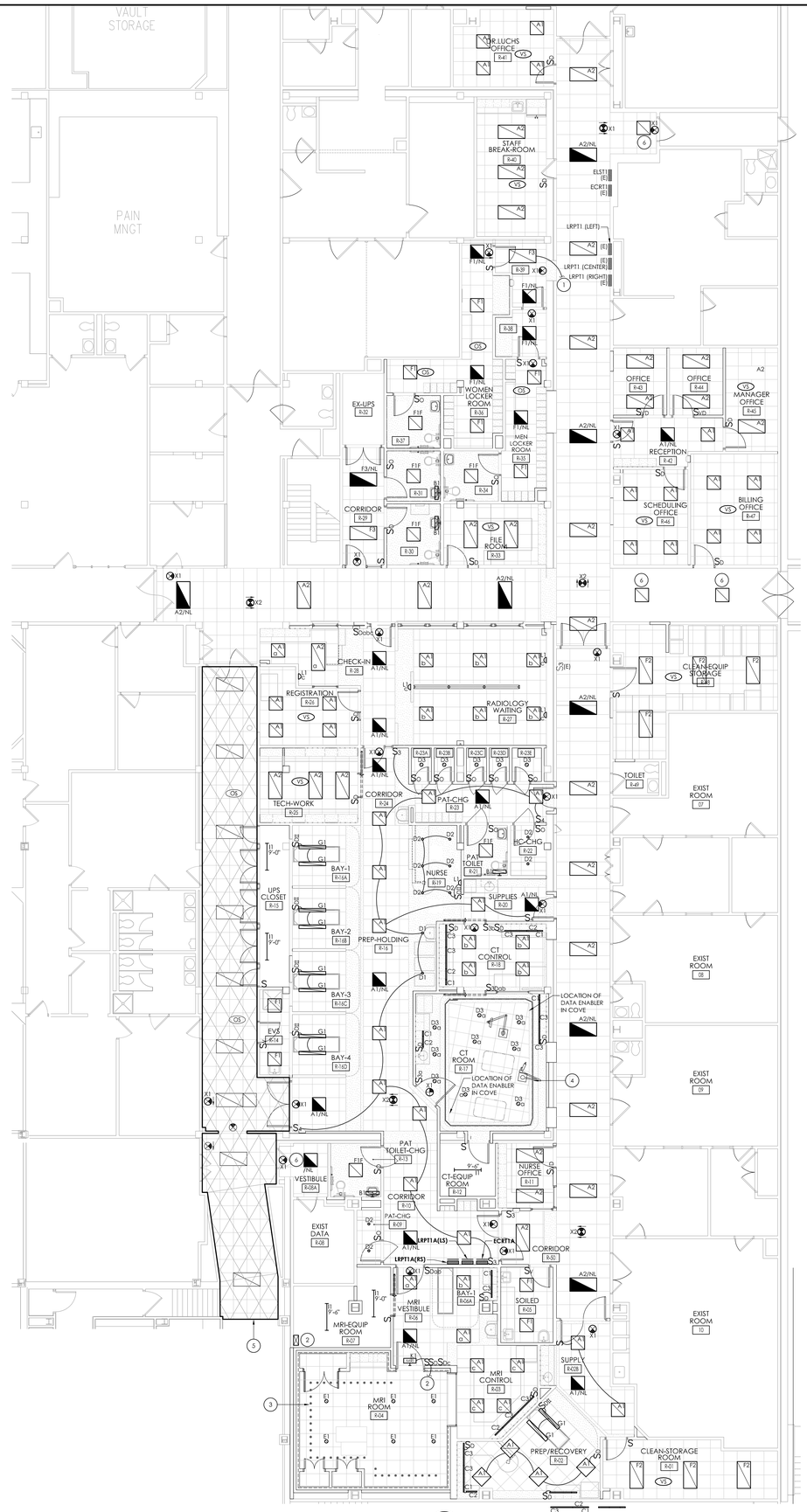
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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 E300 **ELECTRICAL LIGHTING PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. EQUIPMENT AND DEVICES LABELED AS "(E)" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE EQUIPMENT AND DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.

B. REFER TO LUMINAIRE SCHEDULE ON DRAWING E900 FOR FIXTURE DESIGNATION TYPES, DESCRIPTIONS, AND SPECIFICATIONS.

C. REVISE PANELBOARD DIRECTORIES FOLLOWING CONSTRUCTION TO REFLECT CHANGES MADE TO CIRCUITING.

D. CIRCUIT ALL 120V POWER PACKS ASSOCIATED WITH LIGHTING CONTROL SYSTEM TO ASSOCIATED ROOM LIGHTING CIRCUIT AHEAD OF LOCAL AREA SWITCHING.

E. WALL AND CEILING MOUNTED DUAL-TECHNOLOGY OCCUPANCY/VACANCY SENSORS SHALL BE LOCATED WITHIN EACH SPACE TO OBTAIN MAXIMUM ROOM COVERAGE.

F. COORDINATE ALL LIGHT SWITCH LOCATIONS WITH DOOR SWINGS PRIOR TO ROUGH-IN.

G. HALF-SHADED FIXTURES WITH "/NL" SUFFIX DESIGNATION ARE UNSWITCHED NIGHTLIGHT FIXTURES. CONNECT FIXTURES TO NEAREST CORRIDOR EGRESS LIGHTING BRANCH CIRCUIT FED FROM 120/208V LIFE SAFETY PANELBOARD "ELST1".

H. CONNECT ALL EXIT SIGNS TO NEAREST EXIT SIGN BRANCH CIRCUIT FED FROM 120/208V LIFE SAFETY PANELBOARD "ELST1".

I. ALL DEVICE WALL PLATES SHALL BE MULBERRY STAINLESS STEEL.

J. ALL DEVICES FED FROM EMERGENCY BRANCHES (CRITICAL AND LIFE SAFETY POWER) SHALL BE RED IN COLOR.

K. ALL DEVICES FED FROM NORMAL BRANCH POWER SHALL BE WHITE IN COLOR.

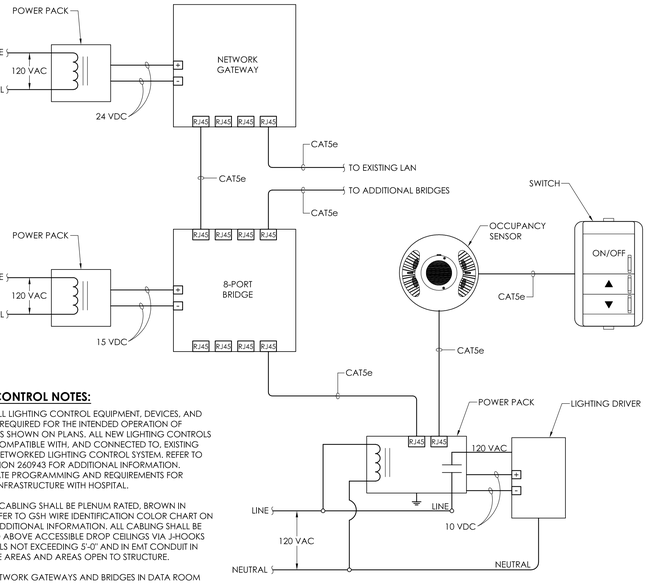
L. REFER TO ADDITIONAL LIGHTING REQUIREMENTS RELATED TO RADIOLOGY EQUIPMENT ON ENLARGED DRAWING E700 AND E701.

M. UNLESS NOTED OTHERWISE, CONNECT NEW LIGHT FIXTURE(S) SHOWN TO EXISTING CIRCUITING THAT FED PREVIOUS LIGHT FIXTURES WITHIN SPACE. REWORK/EXTEND EXISTING LIGHTING CIRCUIT AS REQUIRED TO ACCOMMODATE NEW FIXTURE LAYOUT AND CONTROLS.

N. COORDINATE MOUNTING HEIGHT OF WALL SCONCES, TYPE "L1", WITH ARCHITECTURAL ELEVATIONS.

KEY NOTES:

1. CONNECT NEW LIGHT FIXTURE(S) TO EXISTING CORRIDOR LIGHTING CIRCUIT AND CONTROLS. REWORK/EXTEND LIGHTING CIRCUIT AS REQUIRED.
2. PROVIDE (1) KIRLIN MRI-CABNT SMARTLED DRIVER CABINET WITH (5) DVR-1400A DRIVER MODULES. WIRE THROUGH (2) RFI-3100D DC FILTERS TO FIXTURE TYPE "E1". MAKE ALL PENETRATIONS INTO MRI ROOM THROUGH RF SHIELDING. INSTALL AND WIRE LIGHT FIXTURES PER MANUFACTURER'S INSTRUCTIONS AND CIRCUIT CABINET TO EXISTING CRITICAL BRANCH LIGHTING CIRCUIT THAT PREVIOUSLY FED AREA. PROVIDE 0-10V DIMMING WIRES BETWEEN DRIVERS AND DIMMING SWITCH LOCATED IN CONTROL ROOM. COORDINATE ALL WORK WITH SHIELDING VENDOR AND PHILIPS REPRESENTATIVE.
3. MRI AMBIENT EXPERIENCE LED MODULE (TYPICAL OF 43) AND ASSOCIATED CABLING PROVIDED BY PHILIPS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING RACEWAY FOR ALL CABLING.
4. CT AMBIENT COVE LIGHTING AND ASSOCIATED DATA ENABLERS PROVIDED BY PHILIPS. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING POWER TO DATA ENABLERS AND ASSOCIATED CONDUIT. REFER TO DRAWING E701 FOR ADDITIONAL INFORMATION.
5. HATCHED REGION INDICATES AREAS WHERE CEILING REPLACEMENT IS OCCURRING. REINSTALL EXISTING CEILING OCCUPANCY SENSORS AND LIGHT FIXTURES IN NEW CEILING. DEVICES AND FIXTURES ARE SHOWN FOR REFERENCE ONLY AND SHALL BE REPLACED IN APPROXIMATELY SAME LOCATION AS REMOVED. REWORK/EXTEND EXISTING CIRCUITING/CABLING WITH EQUAL SIZE CONDUCTOR AND CONDUIT AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR TESTING EXISTING DEVICES AND FIXTURES FOLLOWING CEILING REPLACEMENT AND PROVIDING NEW DEVICES AND FIXTURES IF EXISTING WAS DAMAGED DURING CONSTRUCTION.
6. REINSTALL SALVAGED 2'X2' LIGHT FIXTURE. REWORK/EXTEND EXISTING CIRCUITING AS REQUIRED.



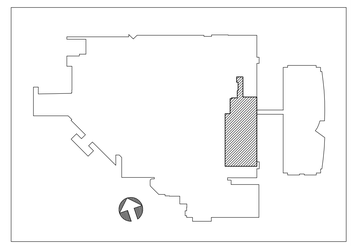
LIGHTING CONTROL NOTES:

A. PROVIDE ALL LIGHTING CONTROL EQUIPMENT, DEVICES, AND WIRING AS REQUIRED FOR THE INTENDED OPERATION OF LIGHTING AS SHOWN ON PLANS. ALL NEW LIGHTING CONTROLS SHALL BE COMPATIBLE WITH, AND CONNECTED TO, EXISTING HOSPITAL NETWORKED LIGHTING CONTROL SYSTEM. REFER TO SPECIFICATION 260943 FOR ADDITIONAL INFORMATION. COORDINATE PROGRAMMING AND REQUIREMENTS FOR NETWORK INFRASTRUCTURE WITH HOSPITAL.

B. ALL CAT5E CABLING SHALL BE PLENUM RATED, BROWN IN COLOR. REFER TO GSH WIRE IDENTIFICATION COLOR CHART ON E000 FOR ADDITIONAL INFORMATION. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE DROP CEILINGS VIA J-HOOKS AT INTERVALS NOT EXCEEDING 5'-0" AND IN EMT CONDUIT IN ACCESSIBLE AREAS AND AREAS OPEN TO STRUCTURE.

C. LOCATE NETWORK GATEWAYS AND BRIDGES IN DATA ROOM R-08.

2 E300 **TYPICAL LIGHTING WIRING DIAGRAM**
N.T.S.



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NY 10901

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SCALE AS INDICATED

SHEET TITLE
ELECTRICAL LIGHTING PLAN

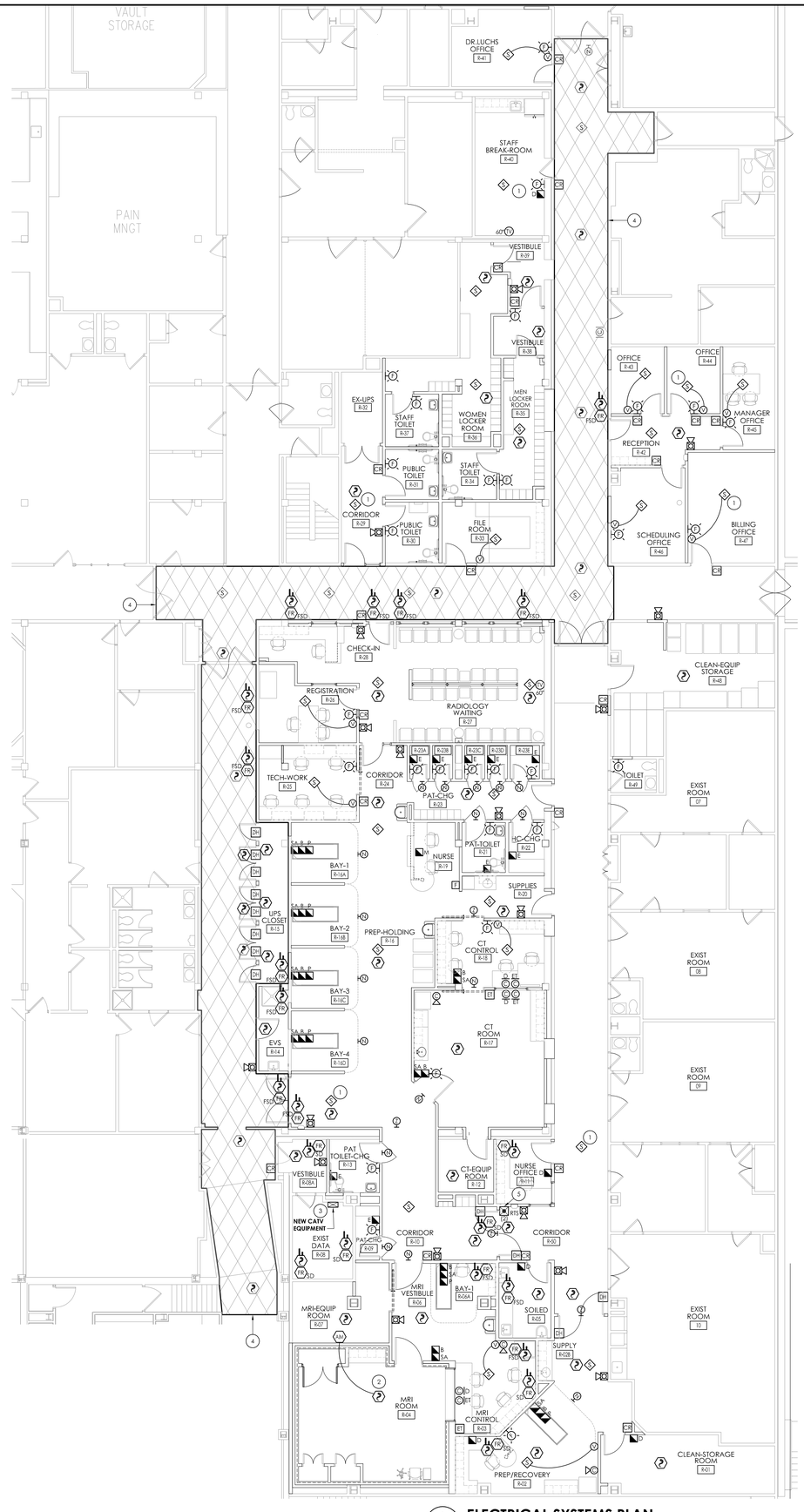
PROJECT NUMBER 15068.00

E300
DRAWING NUMBER

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Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ELEC\E3\E300.dwg Date last accessed: 3/8/2021 8:22 AM Date last plotted: 3/8/2021 9:07 AM Plotted By: Josh Ebbland

PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 E400 **ELECTRICAL SYSTEMS PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. CONTRACTOR MUST ENGAGE THE SERVICES OF HOSPITAL PREFERRED VENDOR SIMPLEX GRINNELL (POINT OF CONTACT JOHN PHILLIPS; PHONE: 1-845-774-4120x257; EMAIL: JOPHILLIPS@SIMPLEXGRINNELL.COM), FOR ALL ASSOCIATED FIRE ALARM WORK SHOWN ON PLANS. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND LABOR COSTS ASSOCIATED WITH NEW FIRE ALARM DEVICES, ASSOCIATED CABLING, TESTING, ETC. FOR A COMPLETE OPERATIONAL FIRE ALARM SYSTEM. EXISTING FIRE ALARM SYSTEM IS SIEMENS.

B. FIRE ALARM SPACING SHALL COMPLY WITH NFPA 72 REQUIREMENTS. FIRE ALARM INITIATION DEVICES SHOWN SHALL NOT BE LOCATED WITHIN A DIRECT AIR FLOW OR CLOSER THAN 36" OF AN AIR SUPPLY DIFFUSER OR RETURN OPENING. THE OPERABLE PART OF PULL STATIONS SHALL BE MOUNTED MORE THAN 42" BUT LESS THAN 48" ABOVE FINISH FLOOR. UNLESS INDICATED OTHERWISE, FIRE ALARM REMOTE TEST STATION DEVICES SHALL BE MOUNTED SO THAT CENTER OF BOX IS 6" BELOW FINISHED CEILING AT LOCATIONS SHOWN. PUBLIC MODE WALL MOUNTED FIXTURES AND AUDIBLE/VISUALS SHALL BE MOUNTED SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR.

C. FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES.

D. PROVIDE NEW NOTIFICATION APPLIANCE CIRCUIT PANELS, WITH SMOKE DETECTOR WITHIN 5'-0" AND BATTERIES, WHERE REQUIRED TO ACCOMMODATE NEW NOTIFICATION DEVICES. LOCATE PANELS IN STORAGE OR ELEC/MECH ROOMS.

E. PROVIDE DUCT SMOKE DETECTOR WITHIN 5'-0" OF ALL SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS WITH NO AIR OUTLETS AND INLETS BETWEEN DAMPER AND DETECTOR. PROVIDE REMOTE TEST STATION ON WALL 6" BELOW FINISHED CEILING AT LOCATION OF DAMPER. COORDINATE FINAL LOCATION AND QUANTITY OF SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS WITH MECHANICAL CONTRACTOR.

F. ALL FIRE ALARM CABLING SHALL BE INSTALLED IN EMT CONDUIT. ASSOCIATED JUNCTION BOXES SHALL BE RED IN COLOR WITH STENCIL LETTERING INDICATING 'FIRE ALARM SYSTEM'.

G. UNLESS NOTED OTHERWISE, ALL OTHER SYSTEM CABLING (PUBLIC ADDRESS, CATV, NURSE CALL) SHALL BE SUPPORTED ABOVE ACCESSIBLE DROP CEILINGS VIA J-HOOKS AT INTERVALS NOT EXCEEDING 5'-0" AND IN EMT CONDUIT IN INACCESSIBLE AREAS AND AREAS OPEN TO STRUCTURE.

H. REFER TO GSH WIRE IDENTIFICATION COLOR CHART ON DRAWING E000 FOR LOW VOLTAGE WIRING COLOR REQUIREMENTS.

I. ALL NEW PUBLIC ADDRESS SPEAKERS SHOWN SHALL BE 2'X2', FLUSH, 25/70V, WITH BRIGHT WHITE METAL GRILLE, BOGEN MODEL #CSD2X2-VRU. SPEAKERS SHALL BE CONNECTED TO EXISTING BOGEN PUBLIC ADDRESS SYSTEM. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND LABOR REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. PROVIDE ADDITIONAL AMPLIFIERS WHERE REQUIRED FOR EXPANSION OF EXISTING SYSTEM.

J. ALL NEW CATV DROP LOCATIONS SHALL CONSIST OF THE FOLLOWING: FLUSH MOUNT 4" SQUARE BOX WITH SINGLE GANG DEVICE RING, RG6/U CABLING, CRIMP SYSTEM F-CONNECTOR, AND ASSOCIATED WALL PLATE. PROVIDE 3/4" CONDUIT WITH PLASTIC END BUSHING ELBOWED ABOVE FINISHED CEILING. CABLING SHALL BE PLENUM RATED AND RUN BACK TO DATA ROOM R-08.

K. CONTRACTOR MUST ENGAGE THE SERVICES OF HOSPITAL PREFERRED VENDOR TPC SYSTEMS (POINT OF CONTACT: GLENN HILDEBRAND; PHONE: 203-878-1321x145; EMAIL: GHILDEBRAND@TPCSYSTEMS.COM), FOR ALL ASSOCIATED NURSE CALL WORK SHOWN ON PLANS. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIAL AND LABOR COSTS ASSOCIATED WITH NEW RAULAND RESPONDER 5000 HEAD END, DEVICES, ASSOCIATED CABLING, TESTING, ETC. FOR A COMPLETE OPERATIONAL NURSE CALL SYSTEM. REFER TO DRAWING E002 FOR LOCATION OF HEAD END.

L. ALL NEW CLOCKS SHALL BE COMPATIBLE WITH AND CONNECTED TO EXISTING AMERICAN SITESYNC IQ WIRELESS CLOCK SYSTEM. ALL CLOCKS SHALL BE DIGITAL WITH 2.5" 6-DIGIT RED NUMBERS, AND120VAC CORD/PLUG ASSEMBLY.

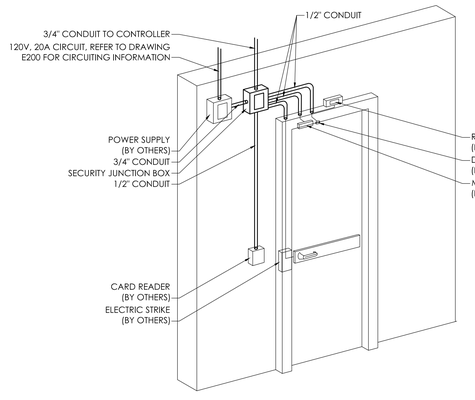
M. ALL NEW ELAPSED TIME CLOCKS SHALL BE COMPATIBLE WITH AND CONNECTED TO EXISTING AMERICAN SITESYNC IQ WIRELESS CLOCK SYSTEM AND NURSE CALL CODE BLUE WITHIN ASSOCIATE CONTROL ROOM AND/OR PROCEDURE SPACE. ALL ELAPSED TIME CLOCKS SHALL BE DIGITAL WITH 2.5" 6-DIGIT RED NUMBERS, AND 120VAC CORD/PLUG ASSEMBLY WITH AN ASSOCIATED TIMER CONTROL STATION.

N. DOORS WITH ACCESS CONTROL INDICATED BY CARD READER ADJACENT TO DOOR. ALL ACCESS CONTROL DEVICES AND CABLING SHALL BE FURNISHED AND INSTALLED BY OWNER. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL BOXES AND RACEWAY ASSOCIATED WITH SYSTEM. REFER TO DETAIL 2/E400 FOR ADDITIONAL INFORMATION.

O. CAMERA LOCATIONS SHOWN FOR REFERENCE PURPOSES ONLY. CAMERAS AND ASSOCIATED CABLING SHALL BE PROVIDED BY OWNER.

KEY NOTES:

1. PROVIDE NEW CEILING DEVICE AS SHOWN. REWORK/EXTEND EXISTING CABLING WITH EQUAL SIZE CONDUCTOR AND CONDUIT AS REQUIRED.
2. PROVIDE MRI COMPATIBLE CONVENTIONAL SMOKE DETECTOR IN MRI ROOM AND PROVIDE ADDRESSABLE MODULE OUTSIDE OF ROOM.
3. INTERCEPT AND TAP NEAREST AVAILABLE CATV CABLING IN AREA. PROVIDE NEW DISTRIBUTION AMPLIFIER AND MULTI-TAPS AS REQUIRED IN DATA CLOSET.
4. HATCHED REGION INDICATES AREAS WHERE CEILING REPLACEMENT IS OCCURRING. REINSTALL EXISTING CEILING DEVICES IN NEW CEILING. DEVICES ARE SHOWN FOR REFERENCE ONLY AND SHALL BE REPLACED IN APPROXIMATELY SAME LOCATION AS REMOVED. REWORK/EXTEND EXISTING CIRCUITING/CABLING WITH EQUAL SIZE CONDUCTOR AND CONDUIT AS REQUIRED. CONTRACTOR IS RESPONSIBLE FOR TESTING EXISTING DEVICES AND FIXTURES FOLLOWING CEILING REPLACEMENT AND PROVIDING NEW DEVICES AND FIXTURES IF EXISTING WAS DAMAGED DURING CONSTRUCTION.
5. PROVIDE REMOTE TEST STATIONS FOR AHU-19 SUPPLY AND RETURN DUCT SMOKE DETECTORS, SHOWN ON ROOF ABOVE. LOCATE ON WALL 6" BELOW FINISHED CEILING. REFER TO DRAWING E201 FOR ADDITIONAL INFORMATION.

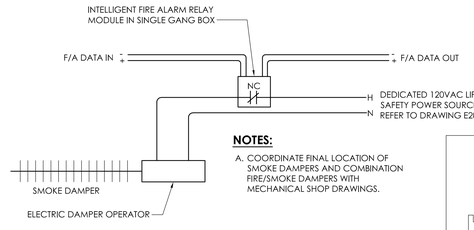


NOTES:

A. DETAIL IS SCHEMATIC ONLY AND NOT INTEDED TO SHOW EVER COMPONENT AND CONDUIT REQUIRED FOR A COMPLETE OPERATIONAL SYSTEM. COORDINATE HARDWARE, DEVICES, AND BOXES, RACEWAY, POWER CONNECTIONS, AND CABLING REQUIRED AT EACH DOOR WITH DOOR HARDWARE SETS, DIVISION 08 SPECIFICATIONS, GENERAL CONTRACTOR AND OWNER PREFERRED ACCESS CONTROL VENDOR REDTOP GROUP.

B. ALL ACCESS CONTROL EQUIPMENT, DEVICES, AND LOW VOLTAGE CABLING PROVIDED BY OTHERS. ELECTRICAL CONTRACTOR SHALL PROVIEIE ALL BOXES AND RACEWAY FOR ACCESS CONTROL DEVICES AND EQUIPMENT AND ASSOCIATED 120VAC POWER CONNECTIONS. ALL CONDUIT SHALL BE PROVIDED WITH NYLON PULL WIRE AND PLASTIC END BUSHING.

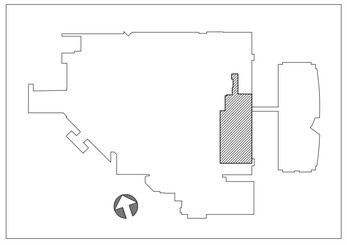
2 E400 **TYPICAL DOOR ACCESS CONTROL WIRING DIAGRAM**
N.T.S.



NOTES:

A. COORDINATE FINAL LOCATION OF SMOKE DAMPERS AND COMBINATION FIRE/SMOKE DAMPERS WITH MECHANICAL SHOP DRAWINGS.

3 E400 **SMOKE DAMPER CONTROL DETAIL**
NOT TO SCALE



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3/9/2021	JAE	ARM

SCALE: AS INDICATED

SHEET TITLE: ELECTRICAL SYSTEMS PLAN

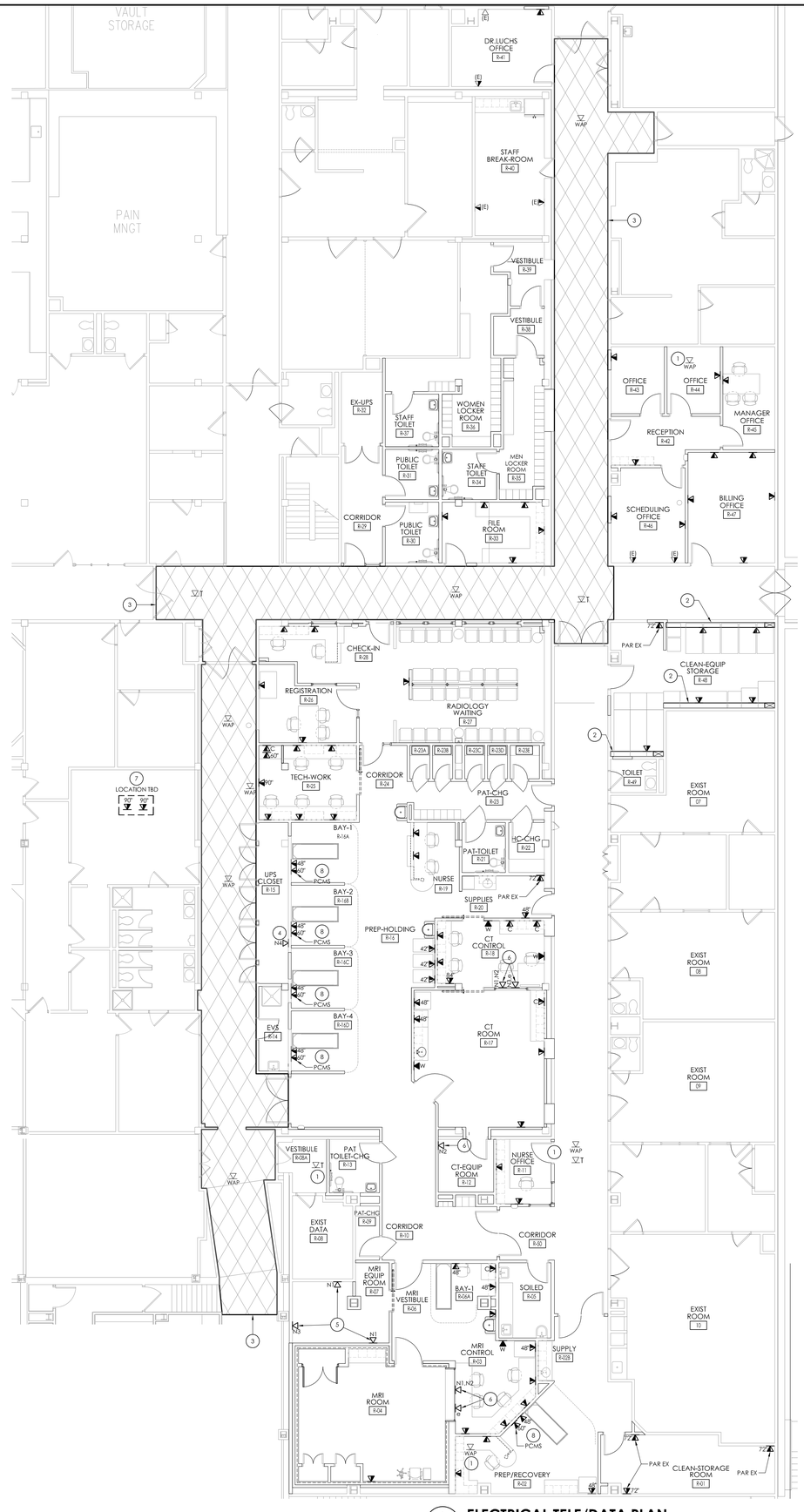
PROJECT NUMBER: 15068.00

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PREP. AREA BAY 1 R-16A, BAY 2 R-16B, BAY 3 R-16C, BAY 4 R-16D AND PREP/RECOVERY R-02 ARE BEING UPDATED TO INCLUDE PHILIPS AMBIENT LIGHTING PACKAGE; A BIDDING ADDENDUM WILL BE ISSUED.



1 E500 **ELECTRICAL TELE/DATA PLAN**
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

A. ALL DATA, AND COMBINATION TELEPHONE/DATA DROPS SHOWN SHALL INCLUDE THE FOLLOWING: FLUSH MOUNT DOUBLE GANG BOX WITH SINGLE GANG DEVICE RING AND 1" CONDUIT ELBOWED ABOVE FINISHED ACCESSIBLE CEILING. CONDUIT SHALL CONTAIN NYLON PULL WIRE AND PLASTIC END BUSHING.

B. ALL WALL MOUNTED TELEPHONE DROPS SHOWN SHALL INCLUDE THE FOLLOWING: FLUSH MOUNT SINGLE GANG BOX WITH SINGLE GANG DEVICE RING AND 3/4" CONDUIT ELBOWED ABOVE FINISHED ACCESSIBLE CEILING. CONDUIT SHALL CONTAIN NYLON PULL WIRE AND PLASTIC END BUSHING.

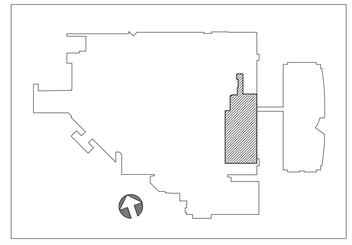
C. COORDINATE BOX LOCATIONS WITH RECEPTACLE LOCATIONS ON ASSOCIATED E200 POWER DRAWING PRIOR TO ROUGH-IN.

D. TELE/DATA CABLING BY OWNER. PROVIDE J-HOOKS AT INTERVALS NOT EXCEEDING 5'-0" AND IN EMT CONDUIT IN INACCESSIBLE AREAS AND AREAS OPEN TO STRUCTURE. PROVIDE FIRE SLEEVES AT FIRE-RATED WALLS. COORDINATE EXACT ROUTING OF CABLING WITH OWNER PRIOR TO CONSTRUCTION.

E. PROVIDE FIRE STOPPING FOR ALL CONDUIT PENETRATIONS AND CABLING, INCLUDING OWNER AND EQUIPMENT PROVIDED CABLING.

KEY NOTES:

1. REINSTALL EXISTING CEILING DEVICE IN NEW CEILING. DEVICE IS SHOWN FOR REFERENCE ONLY AND SHALL BE REPLACED IN APPROXIMATELY SAME LOCATION AS REMOVED. COORDINATE REINSTALLATION WITH HOSPITAL IT DEPARTMENT. CONTRACTOR IS RESPONSIBLE FOR COST ASSOCIATED WITH REPLACING ANY DEVICE DAMAGED DURING CONSTRUCTION.
2. PROVIDE VOICE/DATA COVERPLATE(S) IN HORIZONTAL SECTION. COORDINATE LOCATION OF VOICE/DATA COVERPLATES WITH RECEPTACLE LOCATIONS ON DRAWING E200 AND PROVIDE COMBINATION DUPLX AND VOICE/DATA COVERPLATE WHERE POSSIBLE.
3. HATCHED REGION INDICATES AREAS WHERE CEILING REPLACEMENT IS OCCURRING. REINSTALL EXISTING CEILING DEVICE IN NEW CEILING. DEVICE IS SHOWN FOR REFERENCE ONLY AND SHALL BE REPLACED IN APPROXIMATELY SAME LOCATION AS REMOVED. COORDINATE REINSTALLATION WITH HOSPITAL IT DEPARTMENT. CONTRACTOR IS RESPONSIBLE FOR COST ASSOCIATED WITH REPLACING ANY DEVICE DAMAGED DURING CONSTRUCTION.
4. LOCATE DATA DROP ADJACENT TO MRI UPS. REFER TO DRAWING E200 FOR LOCATION AND E700 FOR REQUIREMENTS.
5. DATA DROPS IN MRI CONTROL AND EQUIPMENT ROOM ARE ASSOCIATED WITH IMAGING EQUIPMENT. REFER TO ENLARGED DRAWING E700 FOR ADDITIONAL INFORMATION.
6. DATA DROPS IN CT CONTROL AND EQUIPMENT ROOM ARE ASSOCIATED WITH IMAGING EQUIPMENT. REFER TO ENLARGED DRAWING E701 FOR ADDITIONAL INFORMATION.
7. PROVIDE DATA DROP FOR (2) SCRUB VENDING MACHINES. COORDINATE LOCATION OF VENDING MACHINES WITH OWNER IN FIELD PRIOR TO ROUGH-IN.
8. COORDINATE LOCATION OF PATIENT CARE MONITORING SYSTEM (PCMS) WITH OWNER PRIOR TO ROUGH-IN.



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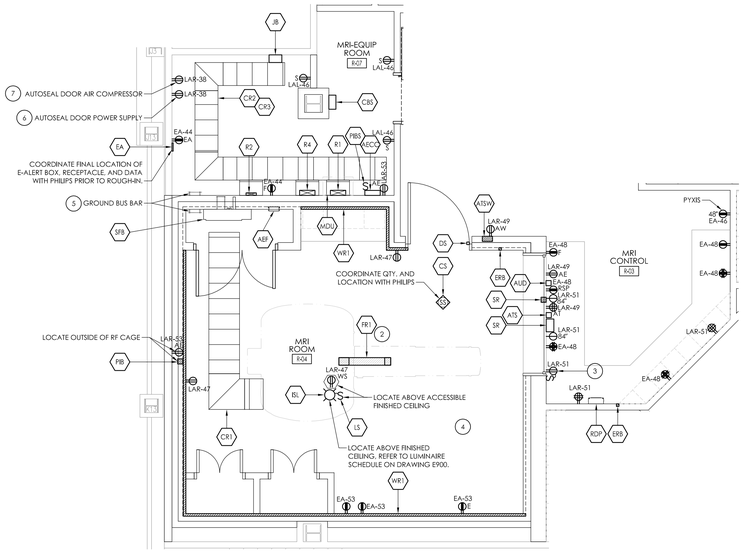
SHEET TITLE
ELECTRICAL
TELE/DATA
PLAN

PROJECT NUMBER
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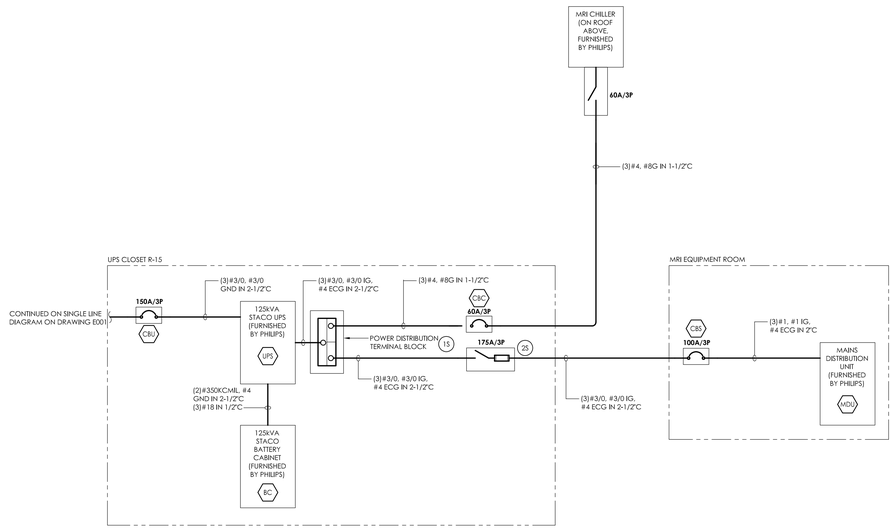
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1 E700 **ELECTRICAL ENLARGED MRI COORDINATION PLAN**
SCALE: 1/4" = 1'-0"



2 E700 **MRI PARTIAL SINGLE LINE DIAGRAM**
NTS

GENERAL NOTES:

A. SYSTEM BASIS OF DESIGN IS PHILIPS INGENIA AMBITION 1.5T X. REFER TO ASSOCIATED MANUFACTURER MRI EQUIPMENT DRAWINGS FOR LOCATIONS, QUANTITIES AND SIZES OF ALL BOXES, DEVICES, EQUIPMENT, AND RACEWAYS. WHERE DISCREPANCIES OCCUR BETWEEN PHILIPS DRAWINGS AND THESE DRAWINGS, MANUFACTURER DRAWINGS SHALL TAKE PRECEDENCE.

B. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE, AT THEIR EXPENSE, FOR PREPARATION OF THE SITE, INCLUDING ANY REQUIRED ELECTRICAL ALTERATIONS. THE SITE PREPARATION SHALL BE IN ACCORDANCE WITH PHILIPS DRAWINGS, SPECIFICATIONS, AND ARCHITECTURAL CONSTRUCTION DRAWINGS AND IN COMPLIANCE WITH ALL SAFETY AND ELECTRICAL CODES. THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ALL ELECTRICAL PERMITS FROM JURISDICTIONAL AUTHORITY.

C. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE, AT THEIR EXPENSE, TO FURNISH AND INSTALL ALL ELECTRICAL DUCTS, BOXES, CONDUITS, CABLES, WIRES, FITTINGS, BUSHINGS, ETC. AS SPECIFIED.

D. ALL CONDUITS AND BOXES WITHIN THE RF ENCLOSURE SHALL BE OF NON-FERROMAGNETIC MATERIAL. MATERIAL SHALL BE VERIFIED WITH PHILIPS PRIOR TO INSTALLATION. ALL CONDUIT SHALL BE SEPARATED AND SECURELY FASTENED TO PREVENT ANY METAL ON METAL RUBBING.

E. REFER TO ASSOCIATED MANUFACTURER MRI EQUIPMENT DRAWINGS FOR EQUIPMENT, DEVICES, AND CABLING TO BE FURNISHED BY PHILIPS AND INSTALLED BY THE CONTRACTOR.

F. COORDINATE ALL RF SHIELD PENETRATIONS AND GROUNDING WITH RF SHIELDING VENDOR. REFER TO SPECIFICATION SECTION 139006 FOR ADDITIONAL INFORMATION.

E. EQUIPMENT AND DEVICES LABELED AS "(E)" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE EQUIPMENT AND DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.

F. UNLESS NOTED OTHERWISE, ALL NORMAL POWER RECEPTACLES SHOWN ON DRAWING SHALL BE CIRCUITED TO 120/208V NORMAL BRANCH PANELBOARDS AND CIRCUIT NUMBERS INDICATED ADJACENT TO DEVICE (I.E. PNL-#). FOR DRAWING CLARITY NORMAL PANELBOARD DESIGNATIONS HAVE BEEN SHORTENED:
- LRPT1A(LS) - LAL
- LRPT1A(RS) - LAR

G. UNLESS NOTED OTHERWISE, ALL CRITICAL (SHADED) POWER RECEPTACLES SHOWN ON DRAWING SHALL BE CIRCUITED TO 120/208V CRITICAL BRANCH PANELBOARDS AND CIRCUIT NUMBERS INDICATED ADJACENT TO DEVICE (I.E. PNL-#). FOR DRAWING CLARITY CRITICAL BRANCH PANELBOARD DESIGNATIONS HAVE BEEN SHORTENED:
- ERCT1A - EA

H. NEW CIRCUIT BREAKERS IN EXISTING PANELBOARDS SHALL BE U.L. LISTED FOR USE IN, AND HAVE MATCHING INTERRUPTING RATING OF, PANELBOARD.

I. REVISE PANELBOARD DIRECTORIES FOLLOWING CONSTRUCTION TO REFLECT CHANGES MADE TO CIRCUITING.

J. ALL RECEPTACLES SHALL BE OF HOSPITAL GRADE CONSTRUCTION WITH MULBERRY STAINLESS STEEL WALL PLATES.

K. ALL DEVICES FED FROM EMERGENCY BRANCHES (CRITICAL AND LIFE SAFETY POWER) SHALL BE RED IN COLOR.

L. ALL DEVICES FED FROM NORMAL BRANCH POWER SHALL BE WHITE IN COLOR.

M. COORDINATE HEIGHTS AND LOCATIONS OF ALL DEVICES AND EQUIPMENT WITH ASSOCIATED TRADES. EQUIPMENT SUPPLIERS, MANUFACTURER'S INSTRUCTIONS, AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

N. ALL SINGLE RECEPTACLES FOR CLOCKS SHALL BE RECESSED IN WALL SO THAT CLOCK COMPLETELY COVERS POWER CORD AND ASSOCIATED RECEPTACLE. COORDINATE HEIGHT AND LOCATION OF CLOCKS IN FIELD WITH OWNER PRIOR TO ROUGH-IN OF CLOCK RECEPTACLE. CONNECT RECEPTACLE TO NEAREST AVAILABLE 120V NORMAL BRANCH CONVENIENCE RECEPTACLE CIRCUIT.

O. REFER TO DRAWING E200, E201, E300, AND E500 FOR LOCATIONS OF ADDITIONAL RADIOLOGY EQUIPMENT, DEVICES, AND FIXTURES.

PLAN KEY NOTES:

1. PROVIDE (2)#14 IN 1/2" CONDUIT FROM DATA ACQUISITION CONTROL CABINET (DACC), LOCATED BELOW ITEM JB TO DOOR SWITCH, DS.
2. CABLE DUCT COVER IN FLOOR SHALL BE FLUSH WITH FINISHED FLOOR. CONTRACTOR SHALL NOT TRENCH EXISTING SLAB. REFER TO DETAIL ON PHILIPS DRAWING SD1 FOR ADDITIONAL INFORMATION.
3. PROVIDE SWITCHED RECEPTACLE AND ASSOCIATED SWITCH FOR PRIVACY GLASS.
4. PROVIDE NON-FERROUS, MRI COMPATIBLE, RECEPTACLES IN ROOM. WIRE THROUGH RF FILTER(S), FURNISHED BY RF SHIELDING VENDOR.
5. GROUND BUS BARS BY RF SHIELDING VENDOR. COORDINATE EXACT LOCATION WITH RF SHIELDING VENDOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL GROUND WIRING.
6. PROVIDE RECEPTACLE FOR AUTOSEAL DOOR POWER SUPPLY, BY OTHERS. COORDINATE EXACT LOCATION WITH RF SHIELDING VENDOR PRIOR TO ROUGH-IN. PROVIDE 3/4" CONDUIT TO AUTOSEAL DOOR FOR COMMUNICATION CABLING TO DOOR AND EMERGENCY RELEASE BUTTON ON BOTH SIDES OF DOOR. CABLING PROVIDED BY RF SHIELDING VENDOR. COORDINATE QUANTITY OF CONDUITS AND JUNCTION BOXES, AND LOCATIONS REQUIRED WITH RF SHIELDING VENDOR PRIOR TO ROUGH-IN.
7. PROVIDE RECEPTACLE FOR AUTOSEAL DOOR AIR COMPRESSOR, BY OTHERS. COORDINATE EXACT LOCATION WITH RF SHIELDING VENDOR PRIOR TO ROUGH-IN.

SINGLE LINE KEY NOTES:

15. PROVIDE 600V, 5 POSITION, POWER DISTRIBUTION TERMINAL BLOCK IN NEMA 1 ENCLOSURE WITH MINIMUM 1 LINE SIDE AND 2 LOAD SIDE OPENINGS AND MINIMUM #8AWG AND MAXIMUM #3/0 WIRE SIZE.
25. PROVIDE 480V, 200AF/175AT FUSED DISCONNECT WITH (3) 175A CLASS J TIME-DELAY FUSES.

Electrical Legend

A Furnished and Installed by Philips
B Furnished by customer/contractor and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and Installed by contractor
E Existing
F Future
G Optional

Item Number | Description | Detail Sheet

Duplexes

B	WS	Wall Socket (duplex, single phase) above finished ceiling. See Sheet EN for details.	EN
B	S	120V/20A dedicated duplex outlet for service in the equipment room and control room. Additional outlets may be desired by customer or required by code. (Not shown on plan)	
B	EA	120V/20A dedicated duplex outlet for "EA".	
B	ATSW	120V/20A dedicated duplex outlet for ATSW. Outlet to be located inside ATSW wall box. Outlet to be facing toward the center of the box to allow faceplate to be added.	
B	ATS	120V/20A dedicated quad outlet for ATS, USB Extenders.	
B	AE	120V/20A dedicated duplex outlet for Patient In-Bore Solution Monitor (To be located outside the RF cage), Ambient Experience Cabinet, and external audio source.	
B	XF	120V/20A dedicated duplex outlet for "XD" and ICBC Power Supply Unit ("XPS"). To be located within 10' (3050mm) of equipment ("XPS"/"XD").	
B	E	120V/20A dedicated duplex outlet for Expression Patient Monitor "PM" and Expression Display Control Unit "ECU".	
B	RSP	120V/20A dedicated duplex outlet for RSP (Remote Status Panel). To be located within 5' (1525mm) from RSP.	

Network Connectors

B	N1	RJ45 type ethernet 10/100/1000 Mbit network connector. Access to customer's network via their remote access server is needed for Remote Service Network (RSN) connectivity.	N1
B	N2	RJ45 type ethernet 10/100/1000 Mbit network connector with access to customer's network. Locate within 10' of network. Network fiber optic and ethernet cabling, connectors, wall boxes, patch panels, etc. are the responsibility of the purchaser. Philips assumes no responsibility for procurement, installation, or maintenance of these components.	N1
B	N3	RJ45 type ethernet 10/100/1000 Mbit network connector with access to customer's network. Locate within 9' - 10" of "EA". Network fiber optic and ethernet cabling, connectors, wall boxes, patch panels, etc. are the responsibility of the purchaser. Philips assumes no responsibility for procurement, installation, or maintenance of these components.	N1
B	b	RJ45 type ethernet 10/100/1000 Mbit network connector with Internet access for Philips Field Service Engineer connectivity to on-line system documentation.	
B	N4	RJ45 type ethernet 10/100/1000 Mbit network connector. Access to customer's network via their remote access server is needed for Remote Status Monitoring Panel.	

Electrical Legend

A Furnished and Installed by Philips
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C Installed by customer/contractor
D Furnished by Philips and Installed by contractor
E Existing
F Future
G Optional

Item Number | Description | Detail Sheet

Floor

B	FR	Flush mounted floor duct. Refer to Sheet SD1 for details.	SD1

Ceiling

B	CR1	4" (100mm) H x 24" (600mm) W non-ferro magnetic cable ladder tray mounted above suspended ceiling from "SFB" to behind magnet. "CR1" must be between 13' (4m) and 30' (9m) in length and divided into 3 compartments: 8" (200mm) W, 10" (250mm) W, and 6" (150mm) W. Cable tray must be non-ferro magnetic material, such as aluminum or glass-reinforced plastic (GRP). GRP material is recommended and wooden trays are not allowed. Must be a minimum of 2" (50mm) above the top of suspended ceiling.	ED2
B	CR2	Upper Tray - 4" (100mm) H x 18" (460mm) W cable ladder tray mounted 4" (100mm) above "CR3", from "SFB" to above equipment cabinets. "CR2" must be at least 10' (3m) in length and divided into 2 compartments. Maximum cable weight will be 34 lbs/linear foot.	ED2
B	CR3	Lower Tray - 4" (100mm) H x 18" (460mm) W cable ladder tray mounted 7' - 6" (2285mm) a.f.f. to bottom of tray, from "SFB" to above equipment cabinets. "CR3" must be at least 10' (3m) in length.	ED2
B	JB	10" (250mm) W x 10" (250mm) H x 6" (150mm) D wall box with removable screw-type coverplate. Surface mounted above "CR2".	
D	CS	Flush mounted ceiling speakers. (Not shown on plan)	SD1
B	ISL	Incandescent Service Light (AC, 500 lux) above finished ceiling.	EN
B	LS	Electrical switch for service light (ISL) above finished ceiling.	
B	CZ	Patient comfort zone. No direct lighting in this area.	

See E1 - E2 sheets for conduit and raceway requirements.

Electrical Legend

A Furnished and Installed by Philips
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C Installed by customer/contractor
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G Optional

Item Number | Description | Detail Sheet

B	AEC2	12" (300mm) W x 12" (300mm) H x 4" (100mm) D wall box with removable screw-type cover plate, flush mounted. Location as shown or near AE Control Cabinet.	
D	AEF	Ambient Experience System Filter Box	
B	WR1	4" (100mm) H x 2" (50mm) D non-ferro magnetic wall raceway mounted above suspended ceiling and along perimeter of exam room for LED chains connecting to distribution box, "DB". J Hooks can be used instead of raceway, if local code allows.	ED2
B	AUD	4" (100mm) W x 4" (100 mm) H x 4" (100 mm) D wall box with removable screw-type coverplate. "AUD" flush mounted 12" A.F.F. to bottom of box. Locate "AUD" as shown, below the Operator's table near the external radio, or near location of Storage Rail.	
B	ATSW	8" (200mm) W x 8" (200mm) H x 4" (100mm) D wall box flush mounted to wall located 57" (1450mm) A.F.F. with grommet opening in face plate 2.5" (60mm) off center 1" (25mm) from center. Duplex main outlet located inside the wall box.	
B	ATS	4" (100mm) W x 4" (100mm) H x 4" (100mm) D wall box with removable screw-type cover plate, surface mounted 12" (300mm) A.F.F, to bottom of box, Location shown is recommended and may be changed - verify relocation with local Philips Service.	
B	PIBS	Electrical switch to power off Patient In-Bore Solution Monitor. Location shown is recommended and may be changed - verify relocation with local Philips Service,	
B	PIB	Patient In-Bore Solution Monitor, 4" (100mm) W x 4" (100mm) D wall box located behind the monitor and outside the RF cage.	
D	UPS	125 kVA Staco UPS Cabinet	ED1
D	BC	Staco UPS Battery Cabinet	ED1
B	CBU	480 V, 3 phase, 150 Amp circuit breaker nominal for UPS system; or 480V, 3 phase, 200 Amp O.C.P. device rating per Staco UPS manual	ED1
B	RSP	4" (102mm) W x 4" (102mm) L x 4" (102mm) D surface mounted wall box. Removable cover plate shall contain a grommeted notch for cable access as required, Exact location to be determined by Philips Service.	

Electrical Legend

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B Furnished by customer/contractor and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and Installed by contractor
E Existing
F Future
G Optional

Item Number | Description | Detail Sheet

Wall

B	CBS	480V, 3 phase, 100 Amp circuit breaker. See Sheet ED1 for details.	ED1
B	CBC	460V, 3 phase, 60 Amp circuit breaker for KKT cBoxX 60 Chiller or 80 Amp circuit breaker for KKT cBoxX 70 Chiller. Run power from breaker to chiller, refer to Sheet ED1. Exact location to be determined. (Not shown on plan)	ED1
B	R1	12" (300mm) W x 4" (100mm) H cable ladder tray mounted from "CR3" to "MDU".	ED2
B	R2	8" (200mm) W x 2" (50mm) H cable ladder tray mounted from "CR3" to "ACCC".	ED2
F	R3	12" (300mm) W x 4" (100mm) H cable ladder tray mounted from "CR3" to "BCP".	ED2
B	R4	12" (300mm) W x 4" (100mm) H cable ladder tray mounted from "CR3" to "TC".	ED2
B	SR	10" (250mm) W x 10" (250mm) H x 6" (150mm) D wall box with removable screw-type coverplate. Surface mounted near Storage Rail "SR",	
B	ERB	2" (50mm) W x 4" (100mm) H x 2" (50mm) D wall box with removable screw-type coverplate. Flush mounted 70" (1800mm) above finished floor to bottom of box.	
B	DS	RF Door Open Switch - 120 V, 5 Amp switch limited to open when door is open. Mounted in upper corner on strike side of entry door. Use Grainger item 4B811, Telemecanique model XCKJ10541 or equivalent.	
D	SFB	Wall mounted System Filter Box.	
D	RDP	KKT Chiller Remote Display Panel with flush mounted Gang box placed in a landscape orientation. Exact height to be determined by local Philips Service.	
B	EA	e-Alert box. Final location of "EA", to be determined and installed by Philips.	

See E1 - E2 sheets for conduit and raceway requirements.

Conduit Required

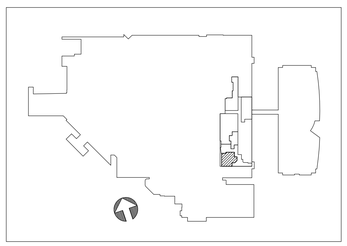
General Notes

1. All conduit runs must take most direct route point to point.
2. All conduit runs must have a pull string.

A	Conduit supplied/installed by contractor - Philips cables installed by Philips
B	Conduit supplied/installed by contractor - Philips cables installed by contractor
C	Conduits and cables supplied and installed by contractor
D	Conduit existing - cables supplied and installed by Philips
E	Conduit existing - cables supplied by Philips and installed by contractor
F	Conduit existing - cables supplied and installed by contractor
G	Optional equipment, verify with local Philips Service

P	Power (AC)
DC	Power (DC)
D	Data
S	Signal
HT	High Tension
C	Cooling Hose
A	Air Supply Hose

	Conduit		Conduit Quantity	Cable Type (*)	Minimum Conduit Size	Maximum Conduit Length	Special Requirements
Run No.	From	To					
C 1	Hosp. Power	RF Filters	Per N.E.C.	P	Per N.E.C.	Per N.E.C.	See ED1 sheet for more information.
2							
C 3	CBS	MDU	1	P	Per N.E.C.	25'	See ED1 sheet for more information.
A 4	ERB	"SFB"	1	P	3/4"	80'	ERB in control room.
A 5	ERB	"SFB"	1	P	3/4"	49'	ERB in exam room.
C 6	"DACC"	DS	1	S	1"	75'	
A 7	SR	JB	1	S	3"	65'	Conduits to be routed outside RF enclosure.
A 8	SR	JB	1	P	2"	65'	Conduits to be routed outside RF enclosure.
9							
C 10	CBC	Chiller	1	P	Per N.E.C.	Per N.E.C.	See ED1 sheet for more information.
B 11	Chiller	RDP	1	S	1"	164'	Conduit for transfer cable only and not for power supply.
A 12	"SACU"	"LCC"	1	P	1 1/2"	45'	Cable to routed from "SACU" to "JB" to "CR3" to "LCC". Conduit not needed if "SACU" is close enough for cable to be directly routed onto "CR3". Refer to Sheet MP1 for more details.
A 13	AEC2	AEF	1	S	2 1/2"	32.8'	
A 14	AEC2	AUD	1	S	1"	98'	For audio output cable from AECC to MR system audio switch in Control Room.
A 15	ATSW	AEC2	1	S	2"	65'	For DVI Connection between wall mounted Touch Screen and AECC and an additional USB network cable.
A 16	ATS	AEC2	1	S	2"	65'	For DVI Connection between Touch Screen and AECC and an additional USB network cable
A 17	AEC2	PIB	1	S	2"	72'	For DVI Connection between AECC and In-Bore Solution Monitor and an additional network cable.
B 18	SR	JB	1	(P/S)	1"	See Note	Fiber optic cable to be routed from "XF to XD" through Injector Fiber Optic RF feedthrough (XIF) (See MRXperion Injector Cable Routing Schematic). Recommended conduit length to be a maximum of 150' (45m).
C 19	Hosp. Power	CBU	Per N.E.C.	P	Per N.E.C.	Per N.E.C.	See ED1 sheet for more information.
C 20	CBU	UPS	1	P	Per N.E.C.	Per N.E.C.	See ED1 sheet for more information.
C 21	UPS	BC	2	P	Per N.E.C.	Per N.E.C.	See ED1 sheet for more information.
C 22	RSP	UPS	1	S	Per N.E.C.	Per N.E.C.	See ED1 sheet for more information.
C 23	UPS	Terminal Block	Per N.E.C.	P	Per N.E.C.	Per N.E.C.	Customer to provide terminal block when connecting to system and chiller. See ED1 sheet for more information.
C 24	Terminal Block	CBS	1	P	Per N.E.C.	Per N.E.C.	Customer to provide terminal block when connecting to system and chiller. See ED1 sheet for more information.
C 25	Terminal Block	CBC	Per N.E.C.	P	Per N.E.C.	Per N.E.C.	Customer to provide terminal block when connecting to system and chiller. See ED1 sheet for more information.



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REVISIONS				
NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	JAE	ARM

SCALE: AS INDICATED

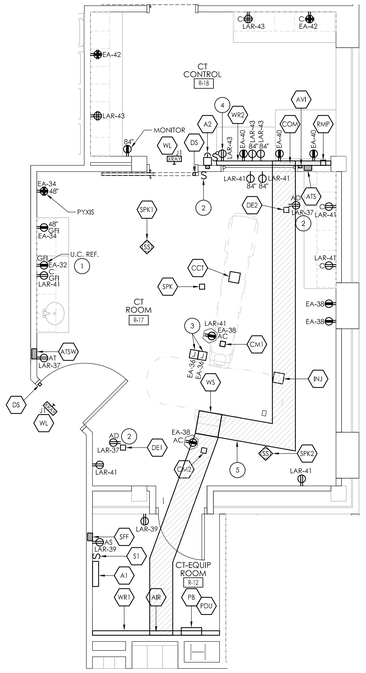
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ELECTRICAL ENLARGED MRI PLAN

PROJECT NUMBER
15068.00

E700
DRAWING NUMBER

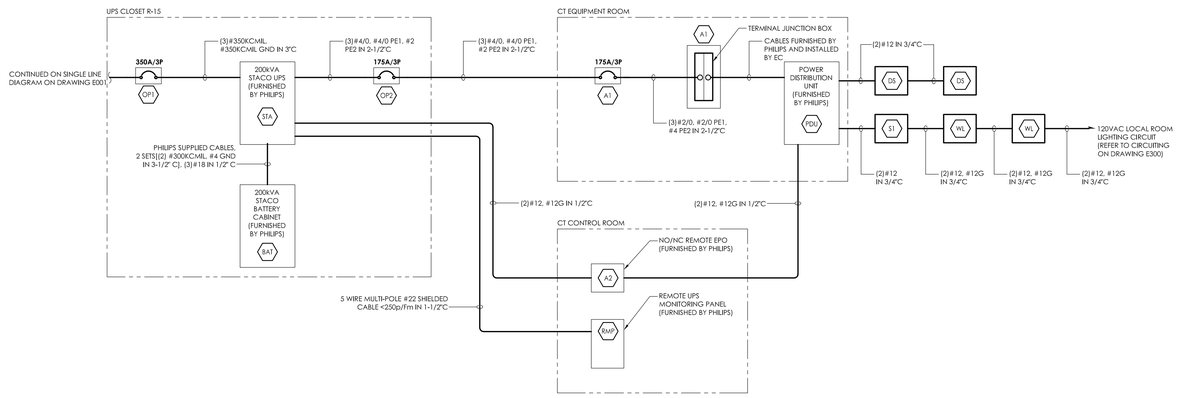
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ELEC\E7\E700.dwg Date last accessed: 3/8/2021 8:58 AM Date last plotted: 3/8/2021 9:05 AM Plotted By: Josh Ebland



1 E701 ELECTRICAL ENLARGED CT PLAN

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



2 E701 CT PARTIAL SINGLE LINE DIAGRAM

NTS

GENERAL NOTES:

A. BASIS OF DESIGN IS PHILIPS ICT ELITE. REFER TO ASSOCIATED MANUFACTURER CT EQUIPMENT DRAWINGS FOR LOCATIONS, QUANTITIES AND SIZES OF ALL BOXES, DEVICES, EQUIPMENT, AND RACEWAYS. WHERE DISCREPANCIES OCCUR BETWEEN PHILIPS DRAWINGS AND THESE DRAWINGS, MANUFACTURER DRAWINGS SHALL TAKE PRECEDENCE.

B. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE, AT THEIR EXPENSE, FOR PREPARATION OF THE SITE, INCLUDING ANY REQUIRED ELECTRICAL ALTERATIONS. THE SITE PREPARATION SHALL BE IN ACCORDANCE WITH PHILIPS DRAWINGS, SPECIFICATIONS, AND ARCHITECTURAL CONSTRUCTION DRAWINGS AND IN COMPLIANCE WITH ALL SAFETY AND ELECTRICAL CODES. THE CUSTOMER SHALL BE SOLELY RESPONSIBLE FOR OBTAINING ALL ELECTRICAL PERMITS FROM JURISDICTIONAL AUTHORITY.

C. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE, AT THEIR EXPENSE, TO FURNISH AND INSTALL ALL ELECTRICAL DUCTS, BOXES, CONDUITS, CABLES, WIRES, FITTINGS, BUSHINGS, ETC. AS SPECIFIED.

D. REFER TO ASSOCIATED MANUFACTURER CT EQUIPMENT DRAWINGS FOR EQUIPMENT, DEVICES, AND CABLING TO BE FURNISHED BY PHILIPS AND INSTALLED BY THE CONTRACTOR.

E. EQUIPMENT AND DEVICES LABELED AS "(E)" ARE EXISTING AND ARE SHOWN FOR REFERENCE ONLY. ALL OF THESE EQUIPMENT AND DEVICES SHALL REMAIN OPERATIONAL FOLLOWING CONSTRUCTION.

F. UNLESS NOTED OTHERWISE, ALL NORMAL POWER RECEPTACLES SHOWN ON DRAWING SHALL BE CIRCUITED TO 120/208V NORMAL BRANCH PANELBOARDS AND CIRCUIT NUMBERS INDICATED ADJACENT TO DEVICE (I.E. PNL-#). FOR DRAWING CLARITY NORMAL PANELBOARD DESIGNATIONS HAVE BEEN SHORTENED:
- LRPT1A(LS) - LAL
- LRPT1A(RS) - LAR

G. UNLESS NOTED OTHERWISE, ALL CRITICAL (SHADED) POWER RECEPTACLES SHOWN ON DRAWING SHALL BE CIRCUITED TO 120/208V CRITICAL BRANCH PANELBOARDS AND CIRCUIT NUMBERS INDICATED ADJACENT TO DEVICE (I.E. PNL-#). FOR DRAWING CLARITY CRITICAL BRANCH PANELBOARD DESIGNATIONS HAVE BEEN SHORTENED:
- ERCT1A - EA

H. NEW CIRCUIT BREAKERS IN EXISTING PANELBOARDS SHALL BE U.L. LISTED FOR USE IN, AND HAVE MATCHING INTERRUPTING RATING OF, PANELBOARD.

I. REVISE PANELBOARD DIRECTORIES FOLLOWING CONSTRUCTION TO REFLECT CHANGES MADE TO CIRCUITING.

J. ALL RECEPTACLES SHALL BE OF HOSPITAL GRADE CONSTRUCTION WITH MULBERRY STAINLESS STEEL WALL PLATES.

K. ALL DEVICES FED FROM EMERGENCY BRANCHES (CRITICAL AND LIFE SAFETY POWER) SHALL BE RED IN COLOR.

L. ALL DEVICES FED FROM NORMAL BRANCH POWER SHALL BE WHITE IN COLOR.

M. MECHANICAL EQUIPMENT DESIGNATED WITH A NUMBER INSIDE OF A HEXAGON ARE SCHEDULED ON DRAWING E900 EQUIPMENT WIRING SCHEDULE.

N. COORDINATE HEIGHTS AND LOCATIONS OF ALL DEVICES AND EQUIPMENT WITH ASSOCIATED TRADES. EQUIPMENT SUPPLIERS, MANUFACTURER'S INSTRUCTIONS, AND ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN.

O. ALL SINGLE RECEPTACLES FOR CLOCKS SHALL BE RECESSED IN WALL SO THAT CLOCK COMPLETELY COVERS POWER CORD AND ASSOCIATED RECEPTACLE. COORDINATE HEIGHT AND LOCATION OF CLOCKS IN FIELD WITH OWNER PRIOR TO ROUGH-IN OF CLOCK RECEPTACLE. CONNECT RECEPTACLE TO NEAREST AVAILABLE 120V NORMAL BRANCH CONVENIENCE RECEPTACLE CIRCUIT .

P. REFER TO DRAWING E200, E300, AND E500 FOR LOCATIONS OF ADDITIONAL RADIOLOGY EQUIPMENT, DEVICES, AND FIXTURES.

PLAN KEY NOTES:

1. PROVIDE RECEPTACLE FOR UNDER COUNTER REFRIGERATOR AND BLANK FACE GFCI RECEPTACLE WITH SELF-TEST ABOVE COUNTER TOP.
2. PROVIDE SWITCHED DUPLEX RECEPTACLE HORIZONTAL IN COVE BEHIND DATA ENABLER. REFER TO ARCHITECTURAL SOFFIT DETAIL **XXXX** FOR ADDITIONAL INFORMATION. COORDINATE SWITCH LOCATION WITH PHILIPS REPRESENTATIVE.
3. PROVIDE (2) CEILING MOUNTED ELECTRICAL DROPS BEACONMEDAES #142001-00. DROPS SHALL INCLUDE A ROUGH-IN AND FINISH ASSEMBLY. ROUGH-IN ASSEMBLY SHALL INCLUDE: 4" SQ X 2" JUNCTION BOX ATTACHED TO 16-GAUGE STEEL MOUNTING PLATE AND 5/8" RAISED SINGLE DEVICE COVER. PROVIDE RIGID MOUNTING OF ROUGH-IN ASSEMBLY TO STRUCTURAL MEMBER ABOVE. THE FINISH ASSEMBLY SHALL INCLUDE: TRIM PLATE, INSERT PLATE, 6' 12/3 SOOW BLACK ELECTRICAL CABLE WITH FACTORY INSTALLED MESH STRAIN RELIEF, AND HUBBELL HBL8319C, 20A, 125V, HOSPITAL GRADE, STRAIGHT BLADE RECEPTACLE AT END OF CABLE. COORDINATE FINAL HEIGHT ABOVE FINISHED FLOOR FOR RECEPTACLE WITH OWNER DURING INSTALLATION. PROVIDE ALL HARDWARE FOR A COMPLETE ASSEMBLY. REFER TO MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL INFORMATION.
4. PROVIDE SWITCHED RECEPTACLE AND ASSOCIATED SWITCH FOR PRIVACY GLASS.
5. TRENCH EXISTING CONCRETE SLAB AND PROVIDE METAL TRENCH DUCT WITH RIGID COVER PLATE, FLUSH TO FINISHED FLOOR BETWEEN WR1 AND WR2. FOR BIDDING PURPOSES, ASSUME THE INSTALLATION OF 18"W X 3-1/2"D TRENCH DUCT WITH (3) BARRIER STRIPS TO FORM (4) COMPARTMENTS WITH VERTICAL ELBOWS AT EACH END. COORDINATE FINAL SIZE AND ROUTING WITH PHILIPS REPRESENTATIVE PRIOR TO TRENCHING FLOOR.

Electrical Legend

A Furnished and Installed by Philips
B Furnished and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and Installed by contractor
E Existing
F Future
G Optional

	Item Number	Description	Detail Sheet
Wall			
B	WL	Warning light above X-ray room door, if required by code or desired by customer. (Optional - not shown)	ED1 ED2
B	DS	Door activated switch, If required by code or desired by customer. Switch located on hinge side of door. (Optional - not shown)	ED1 ED2
B	S1	120 VAC / 15 A, single pole general purpose ON/OFF switch with red cover. Flush mounted 60" (1524mm) above finished floor to centerline of box. Safety switch is required between scanner unit and "WL" for Philips Service, if a warning light is used. Locate next to "A1" if possible or near "PDU". (Optional - not shown)	ED1 ED2
B	A1	175 A @ 480 VAC, circuit breaker time trip curve/characteristic Class B or 200 A @ 380 VAC, circuit breaker time trip curve/characteristic Class B. Location per local code or owner's requirements. Coordinate with local Philips Service.	ED1
D	A2	Firstline remote EPO switch (provided with STACO UPS). Includes a momentary push-button switch (1) normally open and (1) normally closed set of contacts. Clear polycarbonate lift cover, 3" x 2" x 2-1/2" deep steel switch box with .62" thick spacer for use if user switch box is used that is shorter than 2-1/2". Facility power not required to this device. Surface mounted 60" (1524mm) above finished floor to centerline or per user requirements. (Minimum requirement)	ED1
B	PB	16" (406mm) W x 16" (406mm) L x 6" (152mm) D surface mounted junction box with 5 position terminal blocks (#3/0 max and #6 AWG) and removable cover plate. Bottom of box 72" (1829mm) above finished floor. Locate behind PDU cabinet. Coordinate with local Philips Service.	ED1
B	AIR (PDU)	4" (102mm) wide grommeted opening from top to bottom "WR1" cover plate. Preferred locations behind "PDU" and "AIR" cabinets.	ED2
B	COM	8" (203mm) W x 4 3/4" (121mm) L grommeted cable opening at bottom of cover plate on "WR2". Preferred location behind final location of "COM" cabinet.	
B	WR1	18" (457mm) W x 3 1/2" (89mm) D trough surface mounted on wall (Square-D or equal), 8" (203mm) from floor to bottom of raceway. Install barrier strips to form 4 compartments. Provide 4" (102mm) gaps with grommeted edges every 2' (610mm) along each horizontal barrier strip for cable cross-overs.	ED2
B	WR2	4 3/4" (121mm) W x 3 1/2" (89mm) D (or equivalent) surface mounted wall raceway with removable steel cover plate, bottom 3 1/2" (89mm) above finished floor, Install a barrier strip to form 2 compartments.	ED2
B	SFT	12" (305mm) W x 12" (305mm) L x 6" (150mm) D junction box flush mounted in wall. Height of box to be determined by local Philips Service.	
B	ATS	4" (100mm) W x 4" (100mm) L x 4" (100mm) D junction box flush mounted in wall with removable screw-type coverplate, flush mounted 12" A.F.F, to bottom of box, Location shown is recommended and may be changed - verify relocation with local Philips Service.	
B	ATSV	8" (200mm) W x 8" (200mm) L x 4" (100mm) D junction box flush mounted in wall with removable screw-type coverplate, flush mounted 48"(1220mm) A.F.F., with Ø2 1/2" (65mm) grommet opening 1" (25mm) off center for ATSW cable connections, Location shown is recommended and may be changed - verify relocation with local Philips Service.	
B	AVI	1-Gang box for customer's external audio source, Located per customer requirement, suggested placement shown.	

Electrical Legend

A Furnished and Installed by Philips
B Furnished and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and Installed by contractor
E Existing
F Future
G Optional

	Item Number	Description	Detail Sheet
Wall			
B	V V1	18" (457mm) W x 18" (457mm) L x 6" (152mm) D surface mounted junction box shall contain removable cover plate with one flexible conduit connector. Bottom of box 84" (2134mm) above finished floor, To be used for STACO UPS, Philips approved UPS. "STA". Coordinate with local Philips Service.	ED1
B	RMP	4" (102mm) W x 4" (102mm) L x 4" (102mm) D surface mounted wall box. Removable cover plate shall contain a grommeted notch for cable access as required. Exact location to be determined by Philips Service.	
B	OP1	Over current protection from supply soruce to UPS input circuit, Size per codes and UPS input circuitry ratings. (not shown)	
B	OP2	Over current protection from UPS output circuit, Size per codes for branch feeding room safety disconnect. (not shown)	
Floor			
B	WS	18" (457mm) W x 18" (457mm) L x 6" (152mm) D junction box, mounted flush in floor. Shall contain a field cut opening with grommet located by Philips Service at time of installation.	ED2
Ceiling			
B	INJ	8" (203mm) W x 8" (203mm) L x 4" (102mm) D junction box flush in finished ceiling with removable cover plate. Cover plate shall contain 2" (51mm) x 2" (51mm) grommeted opening.	
B	CCT	8" (203mm) W x 8" (203mm) L x 4" (102mm) D junction box flush in finished ceiling with removable cover plate. Cover plate shall contain 2" (51mm) x 2" (51mm) grommeted opening.	
B	DE1 DE2	4" (100mm) W x 4" (100mm) L x 4" (100mm) D junction box flush with back of ceiling cove (for Data Enablers), Power Supply Unit connections to be routed via "DE1" box.	
B	SPK	4" (100mm) W x 4" (100mm) L x 4" (100mm) D ceiling junction box, To connect to speakers via 1" diameter, 6' long flex conduits.	
B	CM1 CM2	4" (100mm) W x 4" (100mm) L x 4" (100mm) D junction box flush mounted (if there is drywall box) in ceiling for ceiling flatscreen display.	

Electrical Legend

A Furnished and Installed by Philips
B Furnished and installed by customer/contractor
C Installed by customer/contractor
D Furnished by Philips and Installed by contractor
E Existing
F Future
G Optional

	Item Number	Description	Detail Sheet
Duplexes			
B		120 V / 20 A dedicated duplex outlet.	
B	A_2	120 VAC recessed electrical outlet (clock outlet) for ELO Touchscreen, "ATSW", power adapter. Outlet must be located inside "ATSW" junction box. Outlet and junction box will be located behind and covered by ELO Touchscreen, "ATSW". If required by code to separate data and power, a divider must be used.	
B	A_3	120 V / 20 A dedicated circuit (switched duplex outlet) for Data Enablers to be located adjacent to "DE". Located in cove or above ceiling, per local code requirements.	
B	A_B	120V/20A dedicated duplex outlet for AE Control Unit (SFF) power strip.	
B	A_C	120V/20A dedicated duplex outlet for flatscreen displays (CM1 & CM2).	
Network Connectors			
B	A	RJ45 type Ethernet 100/1000 Mbit network connector with internet access for Philips Field Service Engineer connectivity to on-line system documentation.	
B	A_{N1}	RJ45 type Ethernet 100/1000 Mbit network connector, Access to customer's network via their remote access server is needed for Remote Service network (RSN) connectivity.	
B	A_{N2}	RJ45 type Ethernet 100/1000 Mbit network connector (1000 Mbit recommended) with access to customer's network, Locate within 10' (3048mm) of network card, Network fiber optic and Ethernet cabling, connectors, wall boxes, patch panels, etc. are the responsibility of the purchaser, Philips assumes no responsibility for procurement, installation, or maintenance of these components.	
B	A_{N3}	RJ45 type ethernet 100/1000 Mbit network connector with access to customer's network for Synchlight injector, Locate within 23' (7010mm) of injector control box, Network fiber optic and ethernet cabling, connectors, wall boxes, patch panels, etc. are the responsibility of the purchaser, Philips assumes no responsibility for procurement, installation, or maintenance of these components. (Optional)	
B	A_{N4}	RJ45 type Ethernet 100/1000 Mbit connector (1000 Mbit recommended) with access to customer's network, Locate within 10' (3048mm) of network card, Network fiber optic and Ethernet cabling, connectors, wall boxes, patch panels, etc. are the responsibility of the purchaser, Philips assumes no responsibility for procurement, installation, or maintenance of these components. To be used for PRS for remote service access.	

Conduit Required

General Notes

1. All conduit runs must take most direct route point to point.
2. All conduit runs must have a pull string.

A Conduit supplied/installed by contractor - Philips cables installed by Philips
B Conduit supplied/installed by contractor - Philips cables installed by contractor
C Conduits and cables supplied and installed by contractor
D Conduit existing - cables supplied and installed by Philips
E Conduit existing - cables supplied by Philips and installed by contractor
F Conduit existing - cables supplied and installed by contractor
G Optional equipment, verify with local Philips Service

P Power (AC)
D Power (DC)
G Ground
S Signal
T High Tension
C Cooling Hose
A Air Supply Hose

	Conduit Run No.	Conduit From	Conduit To	Conduit Quantity	Cable Type (*)	Minimum Conduit Size	Maximum Conduit Length	Special Requirements
C	1	Hosp. Power	OP1	Per N.E.C.	P	Per N.E.C.	Per N.E.C.	
C	2	Hosp. Power	WL	1	P	Per N.E.C.	Per N.E.C.	
C	3	OP1	V	Per N.E.C.	P	Per N.E.C.	10'	
C	4	V	"STA"	Per N.E.C.	P	Per N.E.C.	5'	Flex Conduit
C	5	"STA"	V1	Per N.E.C.	P	Per N.E.C.	5'	Flex Conduit
C	6	V1	OP2	Per N.E.C.	P	Per N.E.C.	10'	
C	7	OP2	A1	1	P	Per N.E.C.	See Note	Max 200' based on wire sizes on sheet ED1.
C	8	A1	PB	1	P	2 1/2"	25'	
C	9	PB	"PDU"	1	P	2"	5'	Cable supplied by Philips.
C	10	A2	WR1	1	P	1"	100'	Connection from "A2" to "PDU". Use non-conductive conduit for connection from "PDU" to raceway.
C	11	A2	V1	1	P	1"	100'	
C	12	RMP	V1	1	(S)	1 1/2"	200'	
C	13	"STA"	"BAT"	Per N.E.C.	P	Per N.E.C.	25'	
C	14	S1	WR1	1	P	1"	100'	Connection from "S1" to "PDU". Use non-conductive conduit for connection from "PDU" to raceway.
C	15	WL	S1	1	P	1"	100'	
C	16	DS	WR1	1	P	1"	200'	Connection from "DS" to "PDU". Use non-conductive conduit for connection from "PDU" to raceway.
A	17	WS	WR1	1	(S)	2 1/2"	60'	
A	18	WS	WR1	1	(D/G)	3"	60'	Provide proper interface between 3" conduit connection and edge of 3 1/2" wide raceway surface.
A	19	WS	WR1	1	(P)	2 1/2"	60'	
A	20	WS	WR1	1	(P)	2 1/2"	60'	
A	21	WS	WR1	1	(A)	1 1/2"	60'	
A	22	WS	COM	1	(S)	2 1/2"	60'	
A	23	WS	COM	1	(P)	2 1/2"	60'	
A	24	WR1	COM	1	(P)	2 1/2"	60'	
A	25	WR1	COM	1	(S)	2 1/2"	60'	
B	26	INJ	COM	1	P/S	2 1/2"	See Note	For connection from injector to "IC". Via WR2, Max cable length = 75'
B	27	CCT	COM	1	P/S	2 1/2"	See Note	Via WR2. Max cable length = 75'

Conduit Required

General Notes

1. All conduit runs must take most direct route point to point.
2. All conduit runs must have a pull string.

A Conduit supplied/installed by contractor - Philips cables installed by Philips
B Conduit supplied/installed by contractor - Philips cables installed by contractor
C Conduits and cables supplied and installed by contractor
D Conduit existing - cables supplied and installed by Philips
E Conduit existing - cables supplied by Philips and installed by contractor
F Conduit existing - cables supplied and installed by contractor
G Optional equipment, verify with local Philips Service

P Power (AC)
D Power (DC)
G Ground
S Signal
T High Tension
C Cooling Hose
A Air Supply Hose

	Conduit Run No.	Conduit From	Conduit To	Conduit Quantity	Cable Type (*)	Minimum Conduit Size	Maximum Conduit Length	Special Requirements
A	28	SFF	AVI	1	S	1"	49'	For external audio cable
A	29	SFF	DE1	1	S	1"	98'	Cat5
A	30	DE1	DE2	1	S	1"	98'	Cat5
A	31	DE1	LED Lights	1	S	1 1/2"	9'	Cable connections from Data Enabler leader cable to first LED of chain
A	32	DE2	LED Lights	1	S	1 1/2"	9'	Cable connections from Data Enabler leader cable to first LED of chain.
A	33	SFF	SPK	1	S	1"	65'	Plenum rated speaker wire
A	34	SPK	"SPK1"	1	S	1"	-	Via 1" flex conduit.
A	35	SPK	"SPK2"	1	S	1"	-	Via 1" flex conduit.
A	36	SFF	ATS	1	S	2"	65'	For DVI Connection and USB connection
A	37	SFF	ATSV	1	S	2"	65'	For DVI Connection and USB connection
A	38	SFF	CM1	1	S	2"	65'	For DVI and Network Connection for CM1, For Network Connection for CM2
A	39	CM1	CM2	1	S	2"	16'	For DVI and Network Connection

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FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	JAE	ARM

SCALE AS INDICATED

SHEET TITLE
ELECTRICAL ENLARGED CT PLAN

PROJECT NUMBER
15068.00

E701
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL ATTACH TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ELEC\E7\E700.dwg Date last accessed: 3/8/2021 8:58 AM Date last plotted: 3/8/2021 9:05 AM Plotted By: Josh Ebland

PANEL : LRPT1A(LS)

LOCATION: RADIOLOGY CORR. SHORT CIRCUIT CURRENT: 10kAIC
VOLTAGE: 208Y/120V-3Φ-4W (NORMAL BRANCH) MAIN CIRCUIT BREAKER: -
FED FROM: SDP/LAB MAIN BUS: 400A
MOUNTING: FLUSH

#	LOAD DESCRIPTION	A	P	A (VA)		B (VA)		C (VA)		P	A	LOAD DESCRIPTION	#
1	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	2
3	EXISTING LOAD	20	1			0	900			1	20	RECPT - ROOF	4
5	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	6
7	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	8
9	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	10
11	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	12
13	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	14
15	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	16
17	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	18
19	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	20
21	EXISTING LOAD	20	1			0	900			1	20	RECPT - HEADWALL BAY-1 R16A	22
23	SPARE	20	1					0	900	1	20	RECPT - HEADWALL BAY-2 R16B	24
25	SPARE	20	1	0	900					1	20	RECPT - HEADWALL BAY-3 R16C	26
27	EXISTING LOAD	20	1			0	900			1	20	RECPT - HEADWALL BAY-4 R16D	28
29	RECPT - WIREMOLD R-48	20	1					720	720	1	20	RECPT - HEADWALL BAY-1 R-06A	30
31	RECPT - WIREMOLD R-48	20	1	720	900					1	20	RECPT - HEADWALL PREP/RECOVERY R-02	32
33	RECPT - WIREMOLD R-48	20	1			360	900			1	20	RECPT - R-14, R-15, & R-16	34
35	RECPT - RAD WAITING R-27	20	1					1170	720	1	20	RECPT - R-08, R-08A, & R-13	36
37	RECPT - KIOSK RAD WAITING R-27	20	1	540	720					1	20	RECPT - R-02 & R-11	38
39	RECPT - CHECK-IN R-28	20	1			1080	900			1	20	RECPT - R-01, R-02, R-10, & R-50	40
41	RECPT - COPIER R26	20	1					180	540	1	20	RECPT - R-02B, R-05, & R-06	42
43	RECPT - REGISTRATION R-26	20	1	900	0					1	20	RECPT - DETECTOR R-06	44
45	RECPT - TECH-WORK R-25	20	1			1080	720			1	20	RECPT - R-06 & R-07	46
47	RECPT - TECH-WORK R-25	20	1					1080	1452	1	25	ACCU-1	48
49	RECPT - R-20, R-21, R-23, & R-24	20	1	900	1452								50
51	RECPT - NURSE R-19	20	1			540	168			1	15	AC-1	52
53	RECPT - PREP HOLDING R-16	20	1					0	0	1	20	SPARE	54
	TOTAL AMPS:			58		70		62					
	TOTAL LOAD (VA):			7032		8448		7482					

PANEL : LRPT1A(RS)

LOCATION: RADIOLOGY CORR. SHORT CIRCUIT CURRENT: 10kAIC
VOLTAGE: 208Y/120V-3Φ-4W (NORMAL BRANCH) MAIN CIRCUIT BREAKER: -
FED FROM: SDP/LAB MAIN BUS: 225A
MOUNTING: FLUSH

#	LOAD DESCRIPTION	A	P	A (VA)		B (VA)		C (VA)		P	A	LOAD DESCRIPTION	#
1	EXISTING LOAD	20	1	0	1450					1	20	RECPT & LIGHTS - AHU-19 ROOF	2
3	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	4
5	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	6
7	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	8
9	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	10
11	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	12
13	EXISTING LOAD	20	1	0	0					1	20	SPARE	14
15	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	16
17	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	18
19	SPARE	20	1	0	0					1	20	EXISTING LOAD	20
21	SPARE	20	1			0	0			1	20	SPARE	22
23	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	24
25	EXISTING LOAD	60	2	0	0					2	60	EXISTING LOAD	26
27						0	0						28
29	SPARE	20	1					0	0	1	20	SPARE	30
31	EXISTING LOAD	20	3	0	0					3	20	EXISTING LOAD	32
33						0	0						34
35								0	0				36
37	RECPT - DATA ENABLERS R-17	20	1	540	825					1	20	RECPT - MRI EQUIP ROOM R-07	38
39	RECPT - CT EQUIP RM R-12	20	1			360	0			1	20	SPARE	40
41	RECPT - CT ROOM R-17	20	1					1080	0	1	20	SPARE	42
43	RECPT - CT CONTROL R-18	20	1	900	0					1	20	SPARE	44
45	RECPT - PRIVACY GLASS R-18	20	1			180	0			1	20	SPARE	46
47	RECPT - MRI ROOM R-04	20	1					360	0	1	20	SPARE	48
49	RECPT - MRI CONTROL R-03	20	1	720	0					1	20	SPARE	50
51	RECPT - MRI CONTROL R-03	20	1			990	0			1	20	SPARE	52
53	RECPT - MRI EQUIP ROOM R-07	20	1					360	0	1	20	SPARE	54
	TOTAL AMPS:			36		12		15					
	TOTAL LOAD (VA):			4435		1530		1800					

PANEL : ECRT1A

LOCATION: RADIOLOGY CORR. SHORT CIRCUIT CURRENT: 10kAIC
VOLTAGE: 208Y/120V-3Φ-4W (CRITICAL BRANCH) MAIN CIRCUIT BREAKER: -
FED FROM: EMDP/CR MAIN BUS: 225A
MOUNTING: FLUSH

#	LOAD DESCRIPTION	A	P	A (VA)		B (VA)		C (VA)		P	A	LOAD DESCRIPTION	#
1	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	2
3	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	4
5	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	6
7	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	8
9	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	10
11	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	12
13	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	14
15	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	16
17	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	18
19	EXISTING LOAD	20	1	0	0					2	30	EXISTING LOAD	20
21	EXISTING LOAD	20	1			0	0						22
23	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	24
25	EXISTING LOAD	20	1	0	0					1	20	EXISTING LOAD	26
27	EXISTING LOAD	20	1			0	0			1	20	EXISTING LOAD	28
29	EXISTING LOAD	20	1					0	0	1	20	EXISTING LOAD	30
31	RECPT - PAR-EX R-20 & R-48	20	1	360	960					1	20	RECPT - UC REF CT R-17	32
33	RECPT - ICE MACHINE	20	1			180	720			1	20	RECPT - PYXIS R-17	34
35	RECPT - NURSE R-19	20	1					720	360	1	20	RECPT - CEILING CORD DROPS R-17	36
37	RECPT - HEADWALL BAY-1 R16A	20	1	720	720					1	20	RECPT - CT ROOM R-17	38
39	RECPT - HEADWALL BAY-2 R16B	20	1			720	540			1	20	RECPT - CT CONTROL ROOM R-18	40
41	RECPT - HEADWALL BAY-3 R16C	20	1					720	720	1	20	RECPT - CT CONTROL ROOM R-18	42
43	RECPT - HEADWALL BAY-4 R16D	20	1	720	360					1	20	RECPT - MRI EQUIP R-07	44
45	RECPT - HEADWALL BAY-1 R-06A	20	1			720	360			1	20	RECPT - PYXIS R-03	46
47	RECPT - HEADWALL PREP/RECOVERY R-02	20	1					720	900	1	20	RECPT - MRI CONTROL R-03	48
49	RECPT - PYXIS R-02	20	1	1080	720					1	20	RECPT - MRI CONTROL R-03	50
51	RECPT - PAR-EX R-01	20	1			540	0			1	20	SPARE	52
53	RECPT - MRI R-04	20	1					540	0	1	20	SPARE	54
	TOTAL AMPS:			47		31		39					
	TOTAL LOAD (VA):			5640		3780		4680					

PANEL : EQDP-MERS

LOCATION: SOUTH MECH. ROOM SHORT CIRCUIT CURRENT: 10kAIC
VOLTAGE: 480Y/277V-3Φ-4W (EQUIPMENT BRANCH) MAIN CIRCUIT BREAKER: -
FED FROM: EMDP/EE MAIN BUS: 400A
MOUNTING: SURFACE

NOTES:
SQUARE D I-LINE
63" MOUNTING SPACE

#	LOAD DESCRIPTION	A	P	A (VA)		B (VA)		C (VA)		P	A	LOAD DESCRIPTION	#
1				14404	444								2
3	AHU-19 EP1	100	3			14404	444			3	15	EF-1	4
5								14404	444				6
7				7479	576								8
9	AHU-19 EP2	60	3			7479	576			3	20	HWP-1	10
11								7479	576				12
13				20221	576								14
15	ACCU-5	100	3			20221	576			3	20	HWP-2	16
17								20221	576				18
19				2050	0								20
21	ACCU-2	15	3			2050	0			3	15	ACCU-4	22
23								2050	0				24
25				1524	1524								26
27	AC-2	15	3			1524	1524			3	15	AC-4	28
29								1524	1524				30
31				3241	0								32
33	ACCU-3	20	3			3241	0						34
35								3241	0				36
37				1995	0								38
39	AC-3	15	3			1995	0						40
41								1995	0				42
	TOTAL AMPS:			195		195		195					
	TOTAL LOAD (VA):			54034		54034		54034					

LUMINAIRE SCHEDULE

MARK	DESCRIPTION	DESIGN MAKE	MODEL #	LUMENS	CCT	VOLTS (V)	LOAD (VA)	DIMMING	REMARKS
A1	2'x2' LED RECESSED GRID MOUNT ARCHITECTURAL LUMINAIRE WITH RIBBED ACRYLIC LENS	LAMAR	LVL22H-40-D	3814	4000K	120	32	0-10V	-
A2	2'x4' LED RECESSED GRID MOUNT ARCHITECTURAL LUMINAIRE WITH RIBBED ACRYLIC LENS	LAMAR	LVL24M-40-D	5441	4000K	120	45	0-10V	-
B1	2' LED WALL MOUNTED ABOVE MIRROR LIGHT	CORONET	FP1 LED 2FT 40 LTG2 UNV WM	926	4000K	120	10	-	-
C1	9.25" LOW PROFILE LED UNDER CABINET LIGHT FIXTURE	PHILIPS COLOR KINETICS	523-000027-96	417	4000K	120	2.7	0-10V	3
C2	19.25" LOW PROFILE LED UNDER CABINET LIGHT FIXTURE	PHILIPS COLOR KINETICS	523-000027-97	417	4000K	120	5	0-10V	3
C3	39.25" LOW PROFILE LED UNDER CABINET LIGHT FIXTURE	PHILIPS COLOR KINETICS	523-000027-98	417	4000K	120	10	0-10V	3
D1	4" DIAMETER LED ROUND DOWNLIGHT WITH 80° BEAM SPREAD, AND SPECULAR FINISH	RAB	ND4R12D/NDLED4RD 80N S W	850	4000K	120	12	0-10V	1
D2	4" DIAMETER LED ROUND DOWNLIGHT WITH 80° BEAM SPREAD, AND SPECULAR FINISH	RAB	ND4R20D/NDLED4RD 80N S W	1150	4000K	120	20	0-10V	1
D3	6" DIAMETER LED ROUND DOWNLIGHT WITH 80° BEAM SPREAD, AND SPECULAR FINISH	RAB	ND6R26D/NDLED6RD 80N S W	1700	4000K	120	26	0-10V	1
E1	6" DIAMETER LED RECESSED DOWNLIGHT, MRI COMPATIBLE	KIRLIN	MRR-06420-2500L-40K-BGT	2500	4000K	120	35	0-10V	4
F1	2'x2' RECESSED GRID MOUNT LED SHALLOW PLENUM FLAT PANEL WITH WHITE FINISH	RAB	EZPAN2X2-30N/D10	3515	4000K	120	32	0-10V	-
F1F	2'x2' RECESSED DRYWALL MOUNT LED SHALLOW PLENUM FLAT PANEL WITH WHITE FINISH	RAB	EZPAN2X2-30N/D10	3515	4000K	120	32	0-10V	2
F2	2'x4' RECESSED GRID MOUNT LED SHALLOW PLENUM FLAT PANEL WITH WHITE FINISH	RAB	EZPAN2X4-50N/D10	5539	4000K	120	51	0-10V	-
F3	2'x4' RECESSED GRID MOUNT LED SHALLOW PLENUM FLAT PANEL WITH WHITE FINISH	RAB	EZPAN2X4-30N	3748	4000K	120	32	-	-
G1	6'x4' LED RECESSED GRID MOUNT FIXTURE WITH ANTIMICROBIAL FINISH, 2-WAY SWITCHING EXAM/AMBIENT, ASYMMETRIC FROSTED ACRYLIC LENS	KURTZON	MLG/PR-1-6x4B-2/LEDR-940-UNV	7414	4000K	120	88	0-10V	-
I1	4' LED STRIP LIGHT	RAB	STRP440-840U	5539	4000K	122	39	-	-
ISL	DIE-CAST ALUMINUM INCANDESCENT PENDANT MOUNT SERVICE LIGHT WITH WIRE GAURD	RAB	VP100DG-3/4	1600	4000K	120	100	-	5
J1	SURFACE MOUNT LED "XRAY IN USE" SIGN WITH WHITE HOUSING AND RED LETTERING	LITHONIA	LE P W 1 R 120/277 SW16	-	-	120	1.3	-	-
K1	SURFACE MOUNT LED "MAGNET IN USE" SIGN WITH WHITE HOUSING AND RED LETTERING	LITHONIA	LE P W 1 R 120/277 SW11	-	-	120	1.3	-	-
L1	LED WALL SCONCE	WAC	WS-57609-BN	665	3000K	120	9.5	ELV	-
X1	SINGLE FACE EDGE-LIT LED EXIT SIGN WITH RED LETTERING ON WHITE BACKGROUND AND BRUSHED ALUMINUM HOUSING.	PHILIPS CHLORIDE	CA 6 RW A 1	-	-	120	3.8	-	6
X2	DOUBLE FACE EDGE-LIT LED EXIT SIGN WITH RED LETTERING ON WHITE BACKGROUND AND BRUSHED ALUMINUM HOUSING.	PHILIPS CHLORIDE	CA 6 RW A 2	-	-	120	3.8	-	6

REMARKS:

1. PROVIDE WITH ASSOCIATED MOUNTING BRACKET.
2. PROVIDE WITH RECESSED MOUNTING KIT FOR DRYWALL CEILINGS.
3. PROVIDE WITH ALL END-TO-END CONNECTORS, JUMPER CABLES, MOUNTING TRACK, SWITCHED PERMANENT WIRING COMPONENTS, ETC. FOR A COMPLETE WIRED SYSTEM.
4. PROVIDE DRIVERS MODULES, CABINETS, DC FILTERS, WIRING, ETC. FOR A COMPLETE MRI COMPATIBLE SYSTEM. REFER TO LIGHTING PLAN ON DRAWING E300 FOR ADDITIONAL INFORMATION.
5. PROVIDE WITH 3/4" PENDANT. VERIFY HEIGHT IN FIELD WITH PHILIPS REPRESENTATIVE FOR BEST VIEWING OF EQUIPMENT. PROVIDE WITH 100W E26 A21 INCANDESCENT LAMP.
6. REFER TO LIGHTING PLANS FOR CHEVRON DIRECTIONS.

ELECTRICAL EQUIPMENT WIRING SCHEDULE

ITEM NUMBER	EQUIPMENT	LOCATION	HP/FLA/TON	VOLTS	PHASE	AMPS	BREAKER SIZE /FUSE SIZE	WIRE/CONDUIT SIZE	PANEL/CCT	REMARKS
1	AHU-19 EP1	ROOF	(3)12 HP	480	3	52	100/3	(3)#2, #6G IN 1-1/2"C	EQDP-MERS	2
	AHU-19 EP2		(3)7 HP	480	3	27	60/3	(3)#6, #10G IN 1"C	EQDP-MERS	2
	AHU-19 LIGHTS & RECEPTS			120	1	12.3	20/1	(2)#10, #10G IN 3/4"C	LRPT1A(RS)/2	2
2	ACCU-5	ROOF	5 TON	480	3	73	100/3	(3)#2, #6G IN 1-1/2"C	EQDP-MERS	1
3	EF-1	ROOF	3/4HP	480	3	1.6	15/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1
4	EF-2	ROOF	1/4 HP	120	1	5.8	20/1	(2)#12, #12G IN 3/4"C	LRPT1 (LEFT)/20	1.4
5	ACCU-1	ROOF	1.5 TON	208	1	12.1	25/2	(2)#10, #10G IN 3/4"C	LRPT1A(LS)/48,50	1.5
6	AC-1	CT EQUIP ROOM R-12		208	1	1.4	15/1	(2)#12, #12G IN 3/4"C	LRPT1A(LS)/52	1.6
7	ACCU-2	ROOF	3 TON	480	3	7.4	15/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1.5
8	AC-2	CT EQUIP ROOM R-18		480	3	5.5	15/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1.6
9	ACCU-3	ROOF	5 TON	480	3	11.7	20/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1.5
10	AC-3	MRI EQUIP ROOM R-07		480	3	7.2	15/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1.6
11	ACCU-4	ROOF	3 TON	480	3	7.4	15/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1.5
12	AC-4	UPS ROOM R-15		480	3	5.5	15/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1.6
13	CH	ROOF		480	3	43	-	-	MRI UPS	3
14	HWP-1	SOUTH MECH RM	3HP	480	3	4.8	20/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1
15	HWP-2	SOUTH MECH RM	3HP	480	3	4.8	20/3	(3)#12, #12G IN 3/4"C	EQDP-MERS	1

REMARKS:

1. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE MOUNTING, AND LINE/LOAD SIDE CONNECTIONS OF DISCONNECT AND/OR STARTER DEVICE ASSOCIATED WITH UNIT. MEANS OF DISCONNECT AND/OR STARTER ASSOCIATED WITH UNIT PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
2. MECHANICAL UNIT TO BE SHIPPED IN SECTIONS AND ASSEMBLED ON SITE. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL ELECTRICAL INTERCONNECTIONS BETWEEN UNIT SECTIONS. VFD'S, ELECTRICAL PANELS, LIGHTS, RECEPTACLES, SWITCHES, ETC. SHALL BE PROVIDED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL AND WIRE ALL OF THESE ITEMS.
3. MECHANICAL UNIT IS TO BE FED THROUGH MRI UPS IN GROUND FLOOR MECHANICAL ROOM. PROVIDE UNIT WITH 60AF/3P LOCAL DISCONNECT. REFER TO MRI PARTIAL SINGLE LINE DIAGRAM ON DRAWING E700 FOR ADDITIONAL INFORMATION. PROVIDE 1" CONDUIT WITH PLASTIC END BUSHINGS AND NYLON PULL WIRE FROM CHILLER TO CHILLER REMOTE DISPLAY UNIT (RDP) IN MRI CONTROL ROOM.
4. REMOVE EXISTING 20A/2P BREAKER AT CIRCUIT AND PROVIDE 20A/1P CIRCUIT BREAKER IN AVAILABLE SPACE.
5. PROVIDE (1)3/4" CONDUIT BETWEEN OUTDOOR UNIT AND ASSOCIATED INDOOR UNIT FOR CONTROL WIRING (BY OTHERS). PROVIDE CONDUIT WITH PLASTIC END BUSHINGS AND NYLON PULL STRING.
6. PROVIDE (2)#12, #12G IN 1/2" CONDUIT TO CONDENSATE PUMP FROM POWER BLOCK.

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REVISIONS

NO.	DATE	BY	CHKED	DESCRIPTION

FOR BIDDING PURPOSES ONLY

PHILIPS HEALTHCARE - BSCH
TMP 30 - CT / TMP 92 - MRI
GOOD SAMARITAN HOSPITAL
255 LAFAYETTE AVENUE
SUFFERN
NY 10901

DATE	DRAWN	CHECKED
3/9/2021	JAE	ARM

SCALE AS INDICATED

SHEET TITLE
ELECTRICAL SCHEDULES

PROJECT NUMBER
15068.00

E900
DRAWING NUMBER

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION 'ALTERED BY' FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Drawing Name: S:\Projects\Philips Health\GSH New CT Room\D Design\06 CAD\AutoCAD\ELEC\EP\E900.dwg Plotted By: Josh Ebland
Date last accessed: 3/8/2021 8:58 AM Date last plotted: 3/8/2021 8:58 AM