# MCH RENOVATION PROJECT, GMHA 007-2014

## PERMIT SET Guam Memorial Hospital



# Client

**Guam Memorial Hospital** 850 Gov. Carlos Camacho Road Oka, Tamuning, Guam 96911

## Architect

**RIM Architects** 316 HErnan Cortez Avenue, Suite 300 Hagatna, Guam 96910 671-477-2111 ph 671-477-2125 fx Brent Wiese, RA

# Medical Architect

**NAC Architecture** 1203 West Riverside Ave. Spokane, WA 99021 509-838-8240 ph 509-838-8261 fx 509-993-7546 cp Jeani Natwick, AIA, NCIDQ, LEED AP

## Civil / Surveying / Structural

AmOrient Engineers, Inc. 643 Chalan San Antonio, Suite 114 KG Plaza Tamuning, Guam 96913 671-472-3301 ph John M. Robertson, PE Terangue E.R. Gillham, PE, SE

## Mechanical / Med Gasses Fire Protection Coffman Engineers, Inc.

Baltej Pavilion Building, Suite 315 415 Chalan San Antonio Tamuning, Guam 96913 671-300-7531 ph Robert t. Bigtas, PE William P. Lee, PE

## Electrical

Wixon & Associates, LLC 825 S. Marine Corps Drive, 2nd Floor Bank Pacific Tamuning, Guam 96913 671-646-1033 ph 671-646-5417 fx 671-687-4284 cp Wayne Wixon, PE

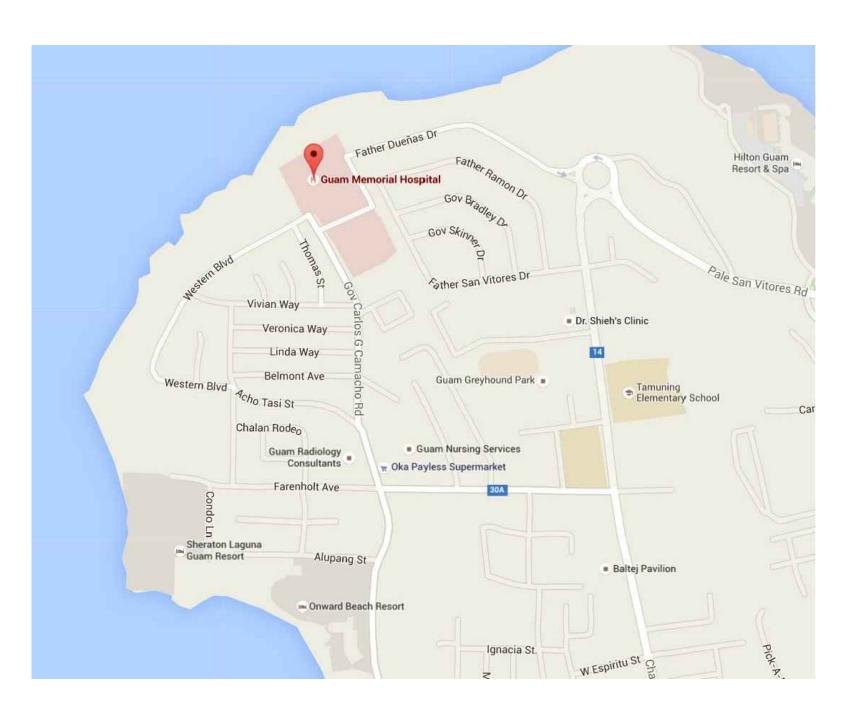
# **Cost Estimating**

Rider Levett Bucknall GCIC Building, Suite 603 414 West Soledad Avenue Hagatna, Guam 96910 671-473-9054 ph Emile le Roux

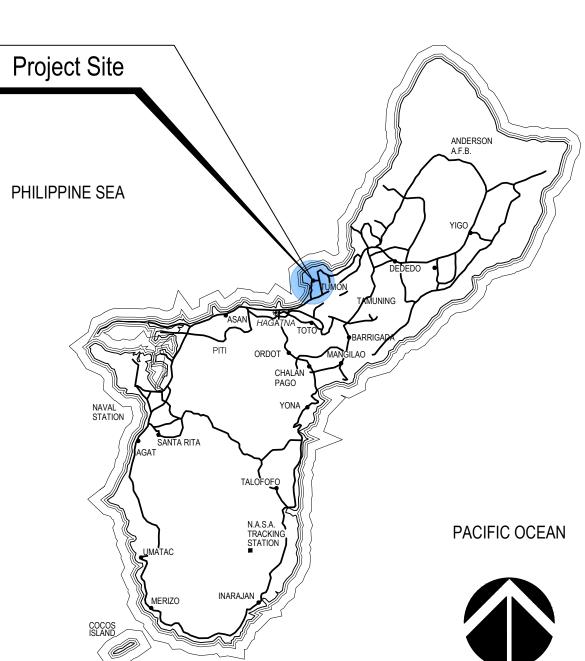
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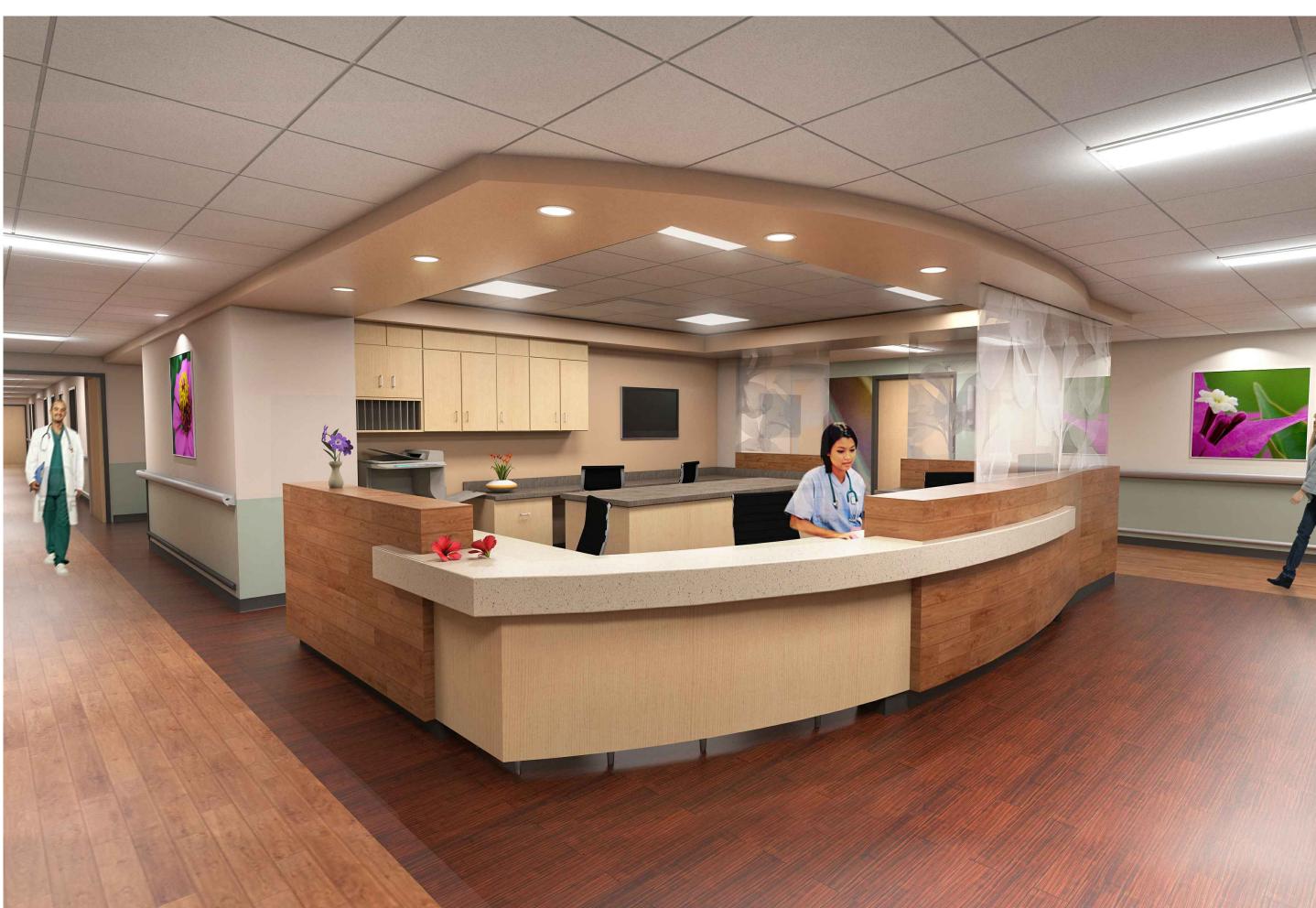


# Vicinity Map



# Location Map





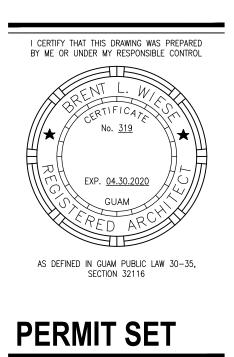
# General Notes

1. ALL WORK SHALL CONFORM TO THE BUILDING CODES OF GUAM AND OTHER APPLICABLE CODES RELATED TO THIS PROJECT. 2. DO NOT DISASSEMBLE THE SET. REFER TO THE DRAWING INDEX FOR A MASTER LIST OF SHEETS. 3. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS BEFORE COMMENCING WITH ANY WORK. ANY DISCREPANCY SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT. 4. THESE DRAWINGS INDICATE THE GENERAL SCOPE OF THE PROJECT AND IN TERMS OF ARCHITECTURAL DESIGN CONCEPT, DIMENSIONS OF THE BUILDING, THE MAJOR ARCHITECTURAL ELEMENTS, AND THE TYPE OF STRUCTURAL, MECHANICAL AND ELECTRICAL SYSTEM. AS SCOPE DOCUMENTS, THE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS ON THE BASES OF GENERAL SCOPE INDICATED OR DESCRIBED. THE CONTRACTOR SHALL FURNISH ALL ITEMS REQUIRED FOR PROPER EXECUTION AND COMPLETION OF WORK. 5. NO PORTION OF THE WORK REQUIRING A SHOP DRAWING OR SAMPLE SUBMISSION SHALL BE COMMENCED UNTIL THE SUBMISSION HAS BEEN APPROVED BY THE ARCHITECT. ALL SUCH PORTIONS OF WORK SHALL BE IN ACCORDANCE WITH THE APPROVED SHOP DRAWINGS AND SAMPLES. THE USE OR REPRODUCTION OF THESE CONTRACT DRAWINGS BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF PREPARATION OF SHOP DRAWINGS SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREIN AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR. 6. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS OF BEST PRACTICE BY WORKERS SKILLED IN THEIR RESPECTIVE TRADES. APPROVED ALTERNATES OR SUBSTITUTIONS SHALL BE EQUAL TO WORK SIMILAR IN TYPE, CHARACTER AND MATERIAL SPECIFIED IN THE CONSTRUCTION DOCUMENTS. 7. THE AMERICANS WITH DISABILITIES ACT (A.D.A.) IS SUBJECT TO VARIOUS AND POSSIBLY CONTRADICTORY INTERPRETATIONS. THESE PLANS AND ANY ACCOMPANYING SPECIFICATIONS REPRESENT THE DESIGNER'S OPINION REGARDING IT'S

INTERPRETATION OF THE A.D.A. AS IT APPLIES TO THE SUBJECT PROJECT. ANY VARIANCE FROM THESE DOCUMENTS MAY CREATE NON-COMPLIANCE TO THE ACT. 8. CONTRACTOR SHALL MAINTAIN THE JOBSITE PER IBC CHAPTER 33 AND IFC CHAPTER 14, THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND MAINTAIN PORTABLE 2A10BC FIRE EXTINGUISHERS ON SITE DURING CONSTRUCTION.

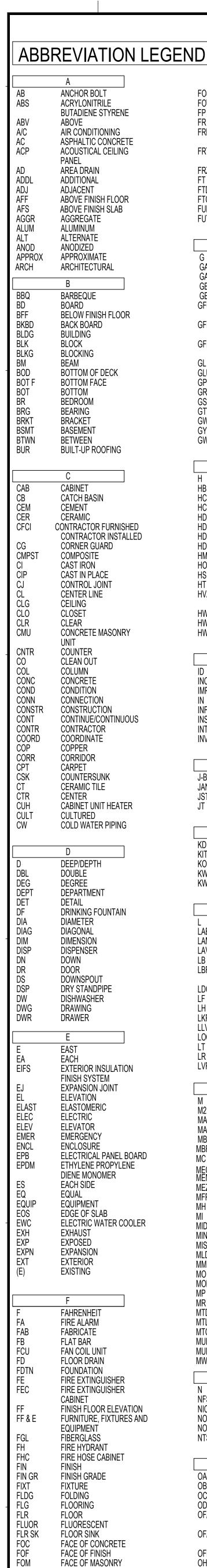
P	roject Summary		
1.	BUILDING CODES: 2009 INTERNATIONAL BUILDING CODE 2009 INTERNATIONAL FIRE CODE 2009 INTERNATIONAL MECHANICAL COD 2009 INTERNATIONAL PLUMBING CODE 2010 AMERICANS WITH DISABILITIES AC 2013 NATIONAL ELECTRICAL CODE 2010 FGI GUIDELINES FOR HOSPITALS	T (ADA)	CALLER CLARK
2.	OCCUPANCY CLASSIFICATION: MAIN OCCUPANCY, GROUP I-2 HOSPIT/	ALS	
3.	CONSTRUCTION TYPE: I-A		
4.		17,462 SF 4,641 SF	
6.	L&D / OB SMOKE COMPARTMENT	3,018 SF / 120 = 25 OCCUPANTS 16,500 SF / 120 = 137 OCCUPANTS 1,325 SF / 120 = 11 OCCUPANTS 325 SF / 15 = 22 OCCUPANTS	KART T. B/C NO 1381 FIRE PROTECTION EXP. 30 APR 2020
6.	EXITS REQUIRED / PROVIDED: NICU SMOKE COMPARTMENT	1 / 1	BASS/ONAL ENGINE
	L&D / OB SMOKE COMPARTMENT	2 / 2 1 / 1	$\begin{array}{c} AM & P \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\ &$
			$\begin{array}{c} \textbf{K} \\ $



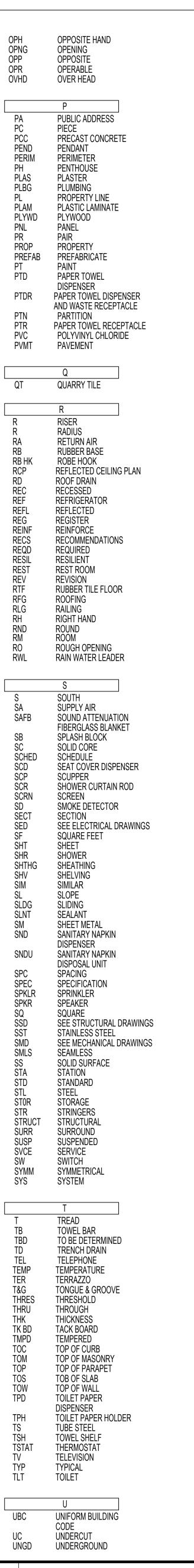


MCH RENOVATION PROJECT, GMHA 007-2014	GMHA FAMILY BIRTH CENTER	850 GOVERNOR CAMACHO ROAD, OKA, TAMUNING, GUAM 96913	CLIAN MEMORIAL HOSPITAL ALTHODITY		PERSPECTIVE, LOCATION MAP, VICINITY MAP PROJECT TEAM, INDEX OF DRAWINGS, GENERAL NOTES
PROJECT	TITLE:			OWNER.	SHEET TITLE:
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3	10/	/2016 27/201 4/2017		RE	VISION VISION VISION
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	'RIGI				

DWG NO:



D	
FOS FOW FP FR FR FRP FRT FRZ FT FTD FTG FURG FUT	FACE OF STUD FACE OF WALL FIRE PROOF FRAME FIBERGLASS REINFORCED PLASTIC FIRE RETARDANT TREATED FREEZER FEET FACIAL TISSUE DISPENSER FOOTING FURRING FUTURE
G GA GALV GB GEN GFGI GFRG GFRC GLU LAM GPM GRAN GSB GTV GWT GYP GWB	G NATURAL GAS GAGE GALVANIZED GRAB BAR GENERAL GOVERNMENT FURNISHED/ GOVERNMENT INSTALLED GLASSFIBER REINFORCED GYPSUM GLASSFIBER REINFORCED CONCRETE GLASS/GLAZING GLUE LAMINATED WOOD GALLONS PER MINUTE GRANITE GYPSUM SHEATHING BOARD GATE VALVE GLAZED WALL TILE GYPSUM GYPSUM WALL BOARD
H HB HC HCP HD HDBD HDW HDWD HM HORIZ HS HT HVAC HW HWR HWR HWS	H HIGH HOSE BIBB HOLLOW CORE HANDICAPPED HEAD HARDBOARD HARDWARE HARDWOOD HOLLOW METAL HORIZONTAL HAND SINK HEIGHT HEATING, VENTILATION AND AIR COND. HOT WATER HOT WATER RETURN HOT WATER SUPPLY
ID INCL IMP IN INFO INSUL INT INV	I INSIDE DIAMETER INCLUDED INSULATED METAL PANEL INCH INFORMATION INSULATION/INSULATED INTERIOR INVERT
J-BOX JAN JST JT	J JUNCTION BOX JANITOR JOIST JOINT
KD KIT KO KW KWH	K KNOCK DOWN KITCHEN KNOCK-OUT KILOWATT KILOWATT HOUR
L LAB LAM LAV LB LBF/SF LDG LF LH LKR LLV LOC LT LR LVR	L LENGTH LABORATORY LAMINATE LAVATORY POUND POUNDS PER SQUARE FOOT LANDING LINEAR FOOT LEFT HAND LOCKER LONG LEG VERTICAL LOCATION LIGHT LIVING ROOM LOUVER
M M2 MATL MAX MB MBR MC MECH MEMB MEZZ MFR MH MI MID MID MID MID MID MID MID MID MID	M METER SQUARE METERS MATERIAL MAXIMUM MACHINE BOLT MASTER BEDROOM MEDICINE CABINET MECHANICAL MEMBRANE MEZZANINE MANUFACTURER MANUFACTURER MIROR MIDDLE MIRROR MIDDLE MINIMUM MISCELLANEOUS MOULDING MILLIMETER MASONRY OPENING MODULE METAL PANEL MOISTURE RESISTANT MOUNTING MULLION MUNTIN MICROWAVE
N NFS NIC NO NOM NTS	N NORTH NON-FROST SUSCEPTIBLE NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE
OA OBS OC OD OF/CI OF/OI OFD OH	O OVERALL OBSCURE ON CENTER OUTSIDE DIAMETER OWNER FURNISHED/ CONTRACTOR INSTALLED OWNER FURNISHED/ OWNER INSTALLED OVERFLOW DRAIN OVER HANG



## UNIT HI UNDER\ LABORA UH UL UNFIN UNO UNFINIS UNLESS OTHER URINAL UR VAR VARIES VALVE VB VCT VINYL C TILE VERT VEST VERTIC VESTIB VOL VOLUM VENEEF VP VAPOR VR VTR VWC VENT T VINYL V W WIDE W WITH W/ WC WALL COVERING WCLR WD WDSP WDW WF WATER COOLER WOOD WASTE DISPOSER WINDOW WIDE FLANGE WGL WH WIRED GLASS WATER HEATER W/O WP WITHOUT WEATHERPROOF/ WATERPROOFING WATER REPELLENT WR WSCT WSP WT WAINSCOT WET STAND PIPE WEIGHT WWF WELDED WIRE FABRIC

	MATERIALS LEG	END	
HEADER ERWRITERS RATORY VISHED SS NOTED		CONCRETE	СМU
RWISE AL ES E BOX COMPOSITION		SAND, MORTAR, PLASTER, TILE BACKER BOARD	BASE COURSE, CUSHION FILL, SUB BASE, GRAVEL, CRUSHED ROCK
ICAL IBULE IME IER PLASTER IR RETARDER		EARTH, COMPACT FILL	BATT INSULATION
THROUGH ROOF		FINISHED WOOD	RIGID INSULATION
	<u>, , , , , , , , , , , , , , , , , , , </u>	METAL	 PLYWOOD/MDF

GLASS

CARPET

CERAMIC TILE, VCT OR

**RESILIENT FLOORING** 

ELECTRICAL E001 E002 E003 E101 E201 E202 E203 E204 E301 E302 E303 E304 E305 E306 E307 E308 E309 E310 E401 E402 E403 E404 E405 E406 E407 E408 E501 E502 E601 E602 E603 E701 E702 E703

E801

E802

GYPSUM WALL BOARD

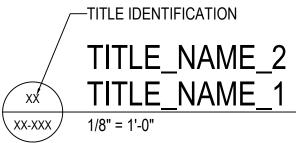
ACOUSTICAL TILE

# SYMBOLS LEGEND

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DOO	MNAME	———,
ROOM_NAME_2 ROOM_NAME	ROOM DESIGNATION	- T - CONTROL ENLARGED DETAIL IDENTIFICATION
XXXX		
	NUMBER	SHEET WHERE THE ENLARGED DETAIL IS REFERE
XXXX	DOOR DESIGNATION	
	OPENING DESIGNATION	
XX'-XX X/X"	CEILING HEIGHT TAG	EXTERIOR ELEVATION DESIGNATIO
	EQUIPMENT DESIGNATION	
X	WALL TYPE	
(XX.X)	- GRID LINE	DETAIL DESIGNATION
	REVISION DESIGNATION	SECTION
<pre>XX&gt;</pre>	PLAN KEYNOTE	BUILDING SECTION DESIGNATION SHEET WHERE SECTION IS DRAWN
XXX	DEMOLITION KEYNOTE	
FLR FIN FLR FIN	EXTENT OF FINISH	IDENTIFICATION
	BREAK LINE	SHEET WHERE ELEVATION IS DRAWN
TRUE NORTH LAN		MATCH LINE MATCHLINE
	PLAN NORTH/NORTH	TO JOIST XX'- XX" DATUM DESIGNATION

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0" 4' 8'

16'

TITLE DESIGNATION

# DRAWING INDEX

L	
	NOTES, LEGEND, ABBREVIATIONS AND CALCULATIONS
	PARTIAL ONE-LINE DIAGRAM AND C-WING ELECTRICAL ROOM - DEMOLITION PLAN
	NEW PARTIAL ONE-LINE DIAGRAM AND NEW C-WING POWER PLAN
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	PARTIAL SECOND FLOOR LIGHTING PLAN - SECTOR A
	PARTIAL SECOND FLOOR LIGHTING PLAN - SECTOR B
	PARTIAL SECOND FLOOR LIGHTING PLAN - SECTOR C
	PARTIAL GROUND, THIRD, FOURTH AND FIFTH FLOOR LIGHTING PLAN
	PARTIAL SECOND FLOOR POWER PLAN - SECTORS A1 & A2
	PARTIAL SECOND FLOOR POWER PLAN - SECTOR B
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	PARTIAL SECOND FLOOR POWER PLAN - SECTOR G
	PARTIAL SECOND FLOOR POWER PLAN - SECTOR H
	PARTIAL SECOND FLOOR MECHANICAL POWER PLAN
	PARTIAL THIRD FLOOR ROOF POWER PLAN
	PARTIAL SECOND FLOOR COMM/DATA PLAN - SECTOR A
	PARTIAL SECOND FLOOR COMM/DATA PLAN - SECTOR B
	PARTIAL SECOND FLOOR COMM/DATA PLAN - SECTOR C
	PARTIAL SECOND FLOOR COMM/DATA PLAN - SECTOR D
	PARTIAL SECOND FLOOR NURSE CAL/ INTERCOM/ CCTV/FIRE ALARM PLAN -SECTOR A
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	COMMUNICATION DATA RISER DIAGRAMS
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	PANEL SCHEDULES
	PANEL SCHEDULES
	PANEL SCHEDULES
	LIGHT FIXTURE SCHEDULES
	LIGHT FIXTURE SCHEDULES

LIGHT FIXTURE SCHEDULES

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G004	PARTIAL SECOND FLOOR PHASING PLAN
CIVIL	
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	LOCATION
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AE123	PARTIAL THIRD AND FOURTH FLOOR REFLECTED CEILING PLANS, DE
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AE162	PARTIAL SECOND FLOOR FINISH AND SIGNAGE FLAN
AE162	PARTIAL SECOND FLOOR FINISH AND SIGNAGE FLAN
AE181	ENLARGED GROUND FLOOR EQUIPMENT PLAN
AE182	ENLARGED SECOND FLOOR EQUIPMENT PLAN "A"
AE183	ENLARGED SECOND FLOOR EQUIPMENT PLAN "B"
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AE185	ENLARGED SECOND FLOOR EQUIPMENT PLAN "D"
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AE605	EQUIPMENT AND FURNISHINGS SCHEDULE

AE605 EQUIPMENT AND FURNISHINGS SCHEDULE MOUNTING HEIGHTS SCHEDULE & ACCESS NOTES AE606 AE607 SIGNAGE SCHEDULES AND TYPES

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S1.03	3RD LEVEL FRAMING PLAN
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S2.02	SECTION & FRAME ELEVATION
S2.03	ELEVATIONS
S2.04	SECTIONS
S2.05	SECTIONS
S3.01	COLUMN & BEAM SCHEDULE AND TYP. BEAM ELEVATIONS
S3.02	DETAILS

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PLUMBING	
P001	PLUMBING LEGEND AND ABBREVIATIONS
P101	PARTIAL FIRST FLOOR PLUMBING PLAN
P202	PARTIAL SECOND FLOOR SANITARY SEWER PLAN
P203	PARTIAL SECOND FLOOR PLUMBING PLAN
P204	PARTIAL SECOND FLOOR PLUMBING PLAN
P212	PARTIAL SECOND FLOOR MEDICAL GAS PLAN
P300	PLUMBING DETAILS
D201	

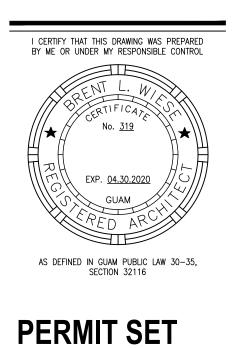
PLUMBING DETAILS P301 P400 PLUMBING SCHEDULES P500 PARTIAL SECOND FLOOR ISOMETRIC SANITARY WASTE & VENT

MECHANICAL

M001 M101	MECHANICAL NOTES, LEGENDS, ABBREVIATIONS PARTIAL FIRST FLOOR MECHANICAL PLAN
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M202	PARTIAL THIRD FLOOR, ROOF PLANS
M300	MECHANICAL DETAILS
M301	MECHANICAL DETAILS
M400	MECHANICAL DIAGRAMS
M401	MECHANICAL SCHEDULES
M402	MECHANICAL DDCS POINT SCHEDULES



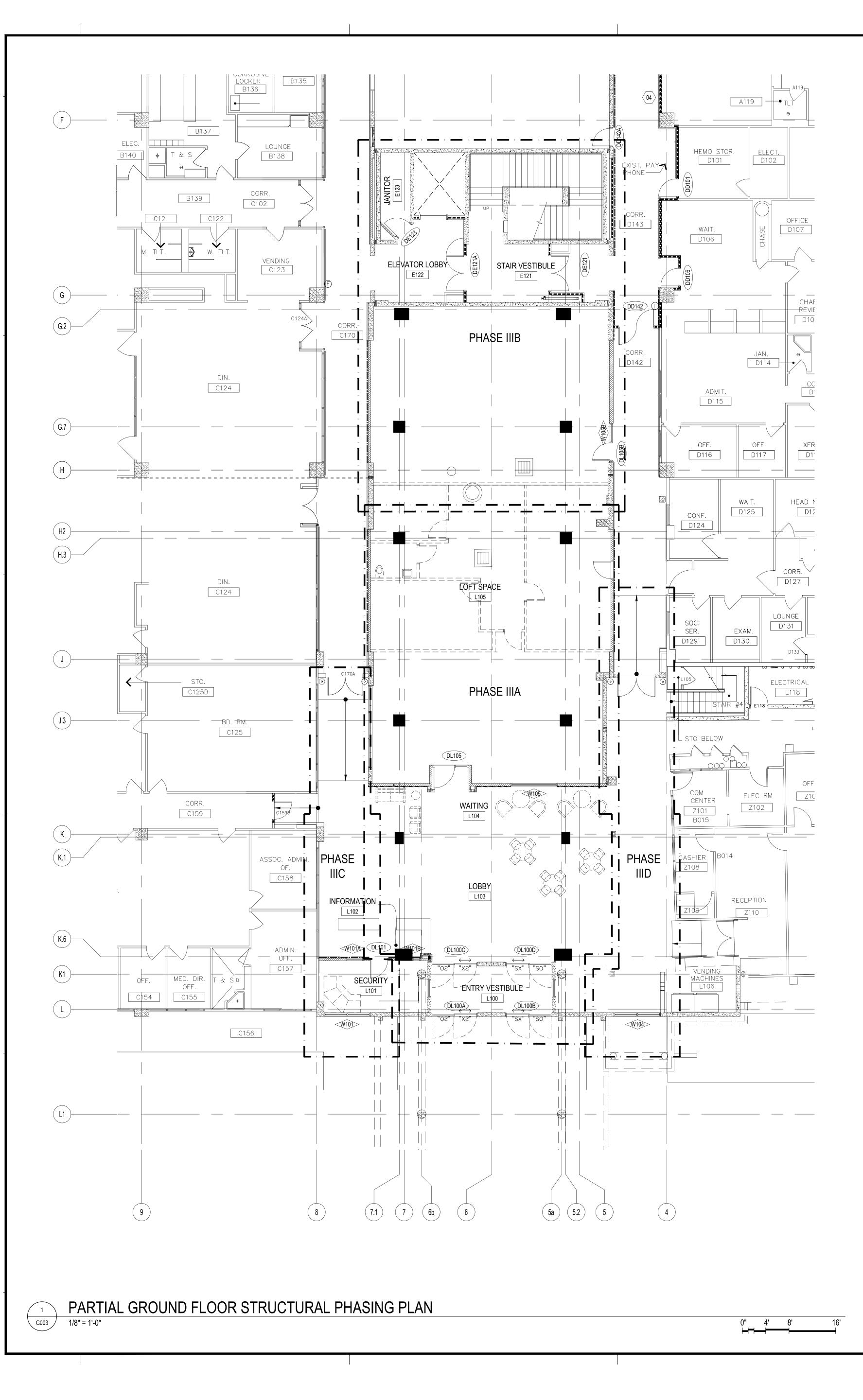


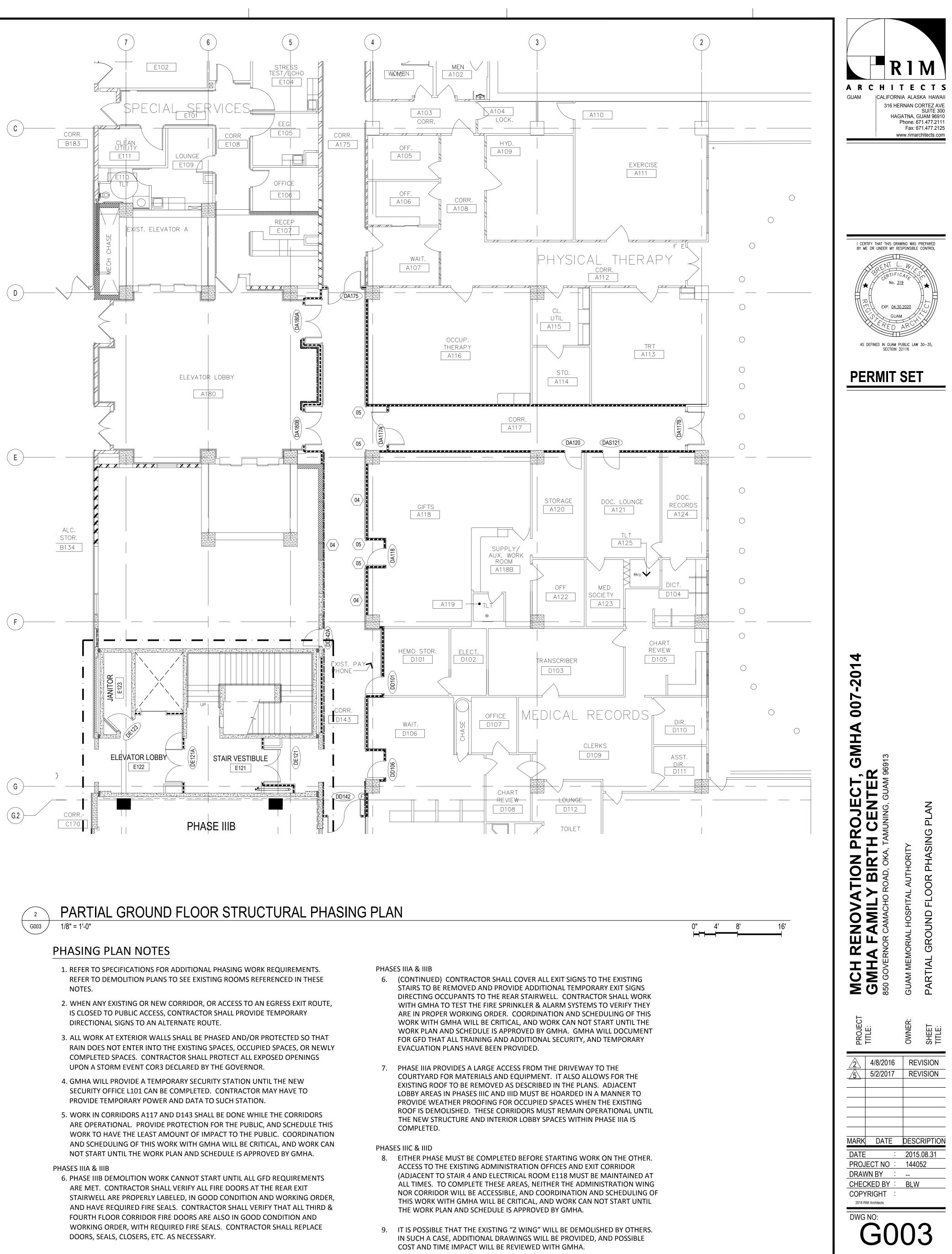




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