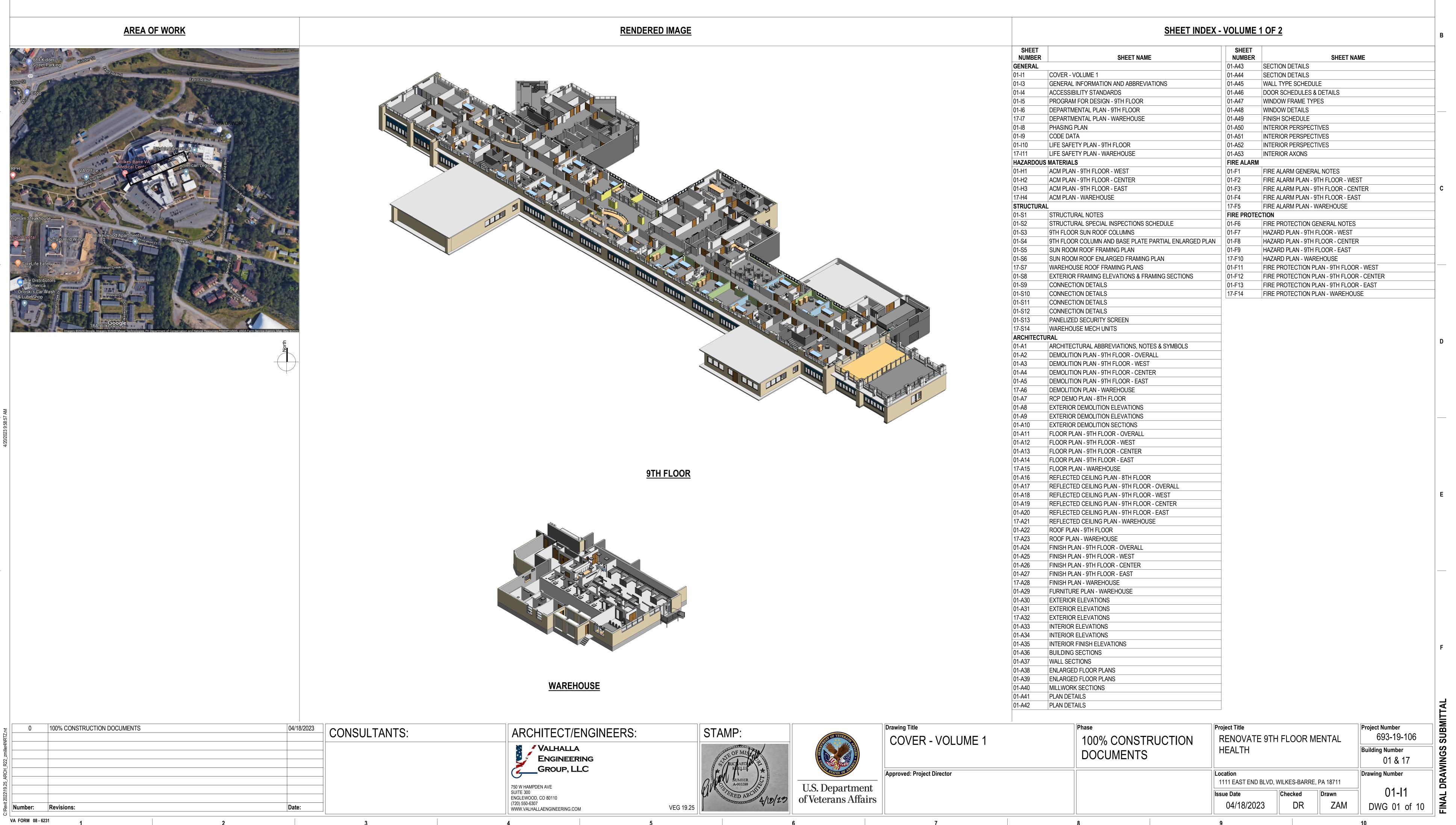
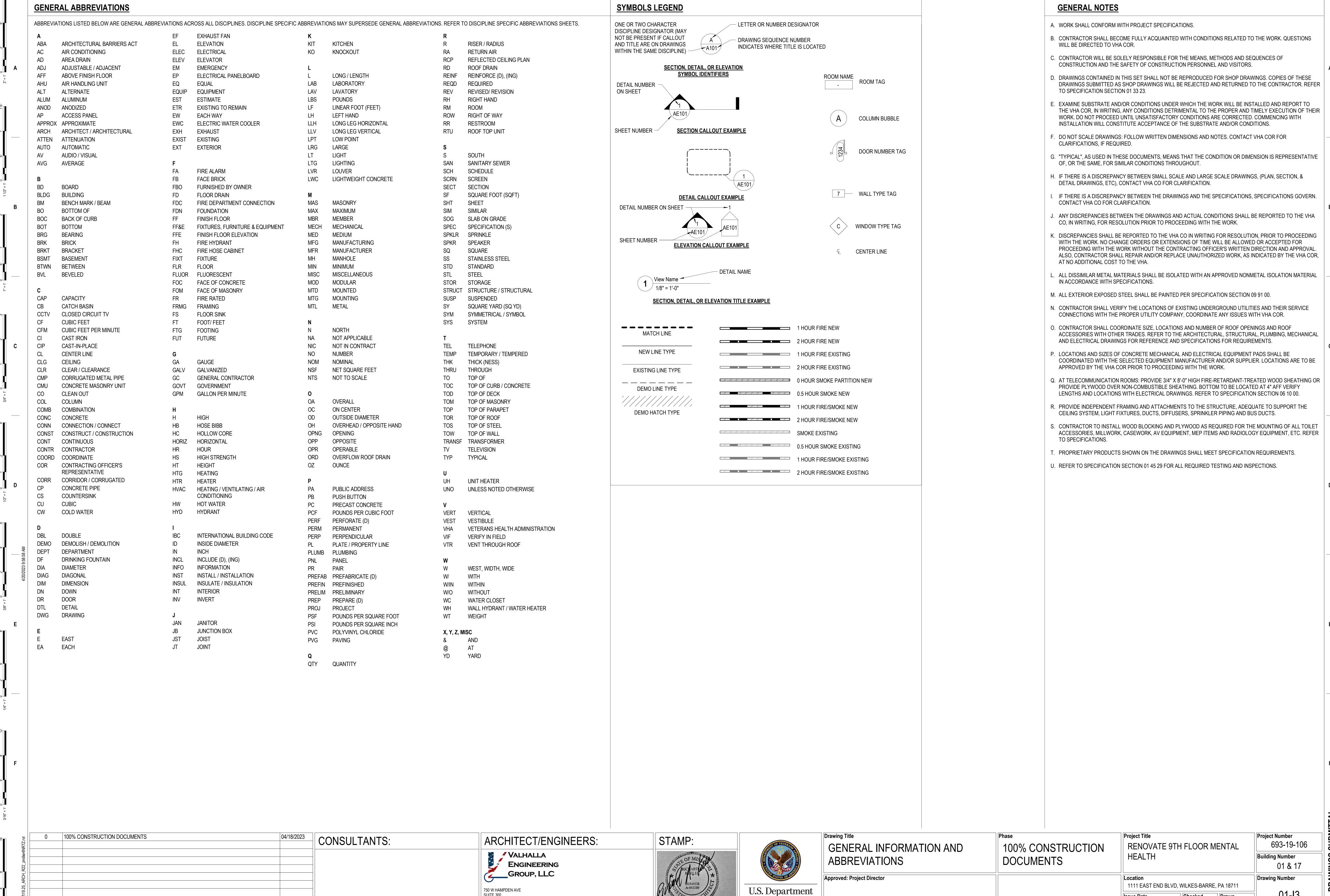
WILKES-BARRE VA MEDICAL CENTER 1111 EAST END BLVD, WILKES-BARRE, PA 18711 VAMC PROJECT #: 693-19-106 RENOVATE 9TH FLOOR MENTAL HEALTH





of Veterans Affairs

SUITE 300

(720) 550-6307

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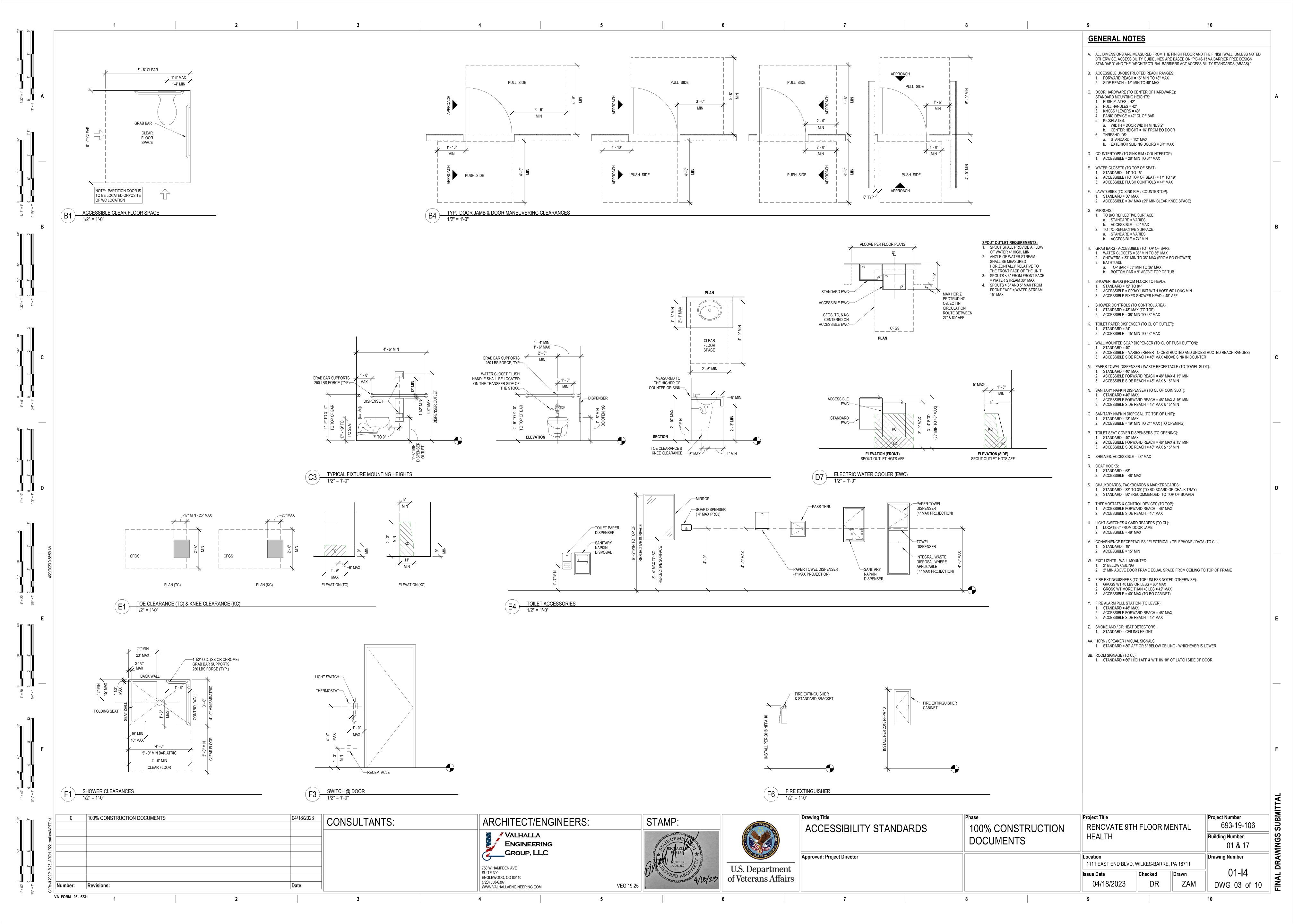
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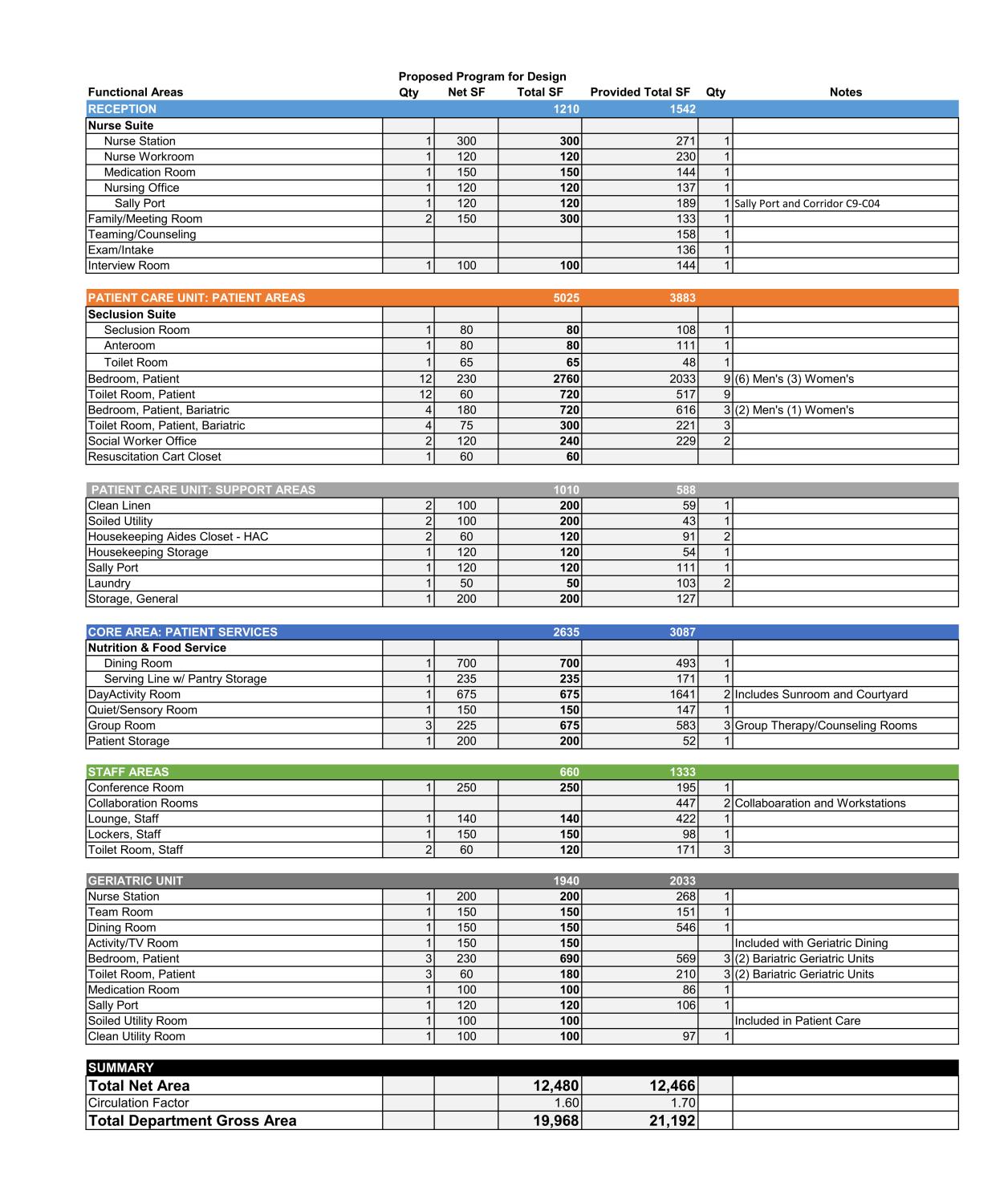
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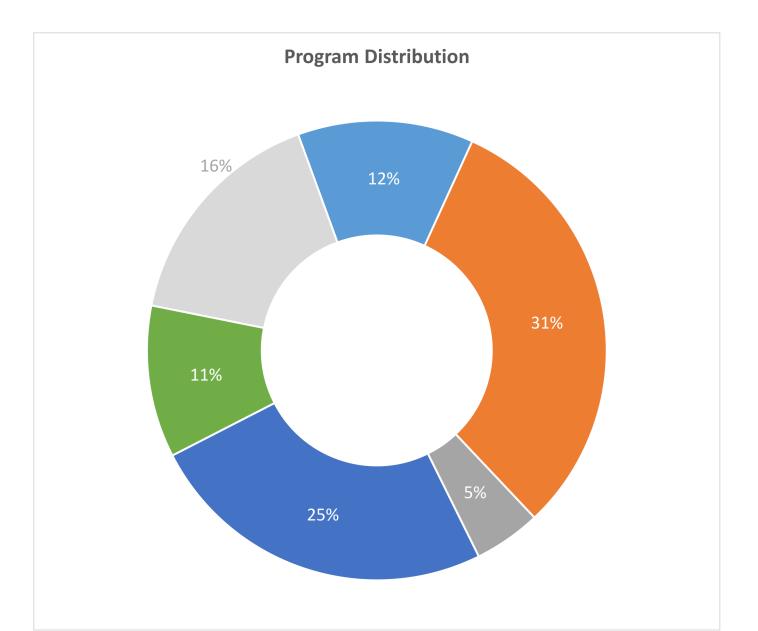
ENGLEWOOD, CO 80110

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VA FORM 08 - 6231

ARCHITECT/ENGINEERS:

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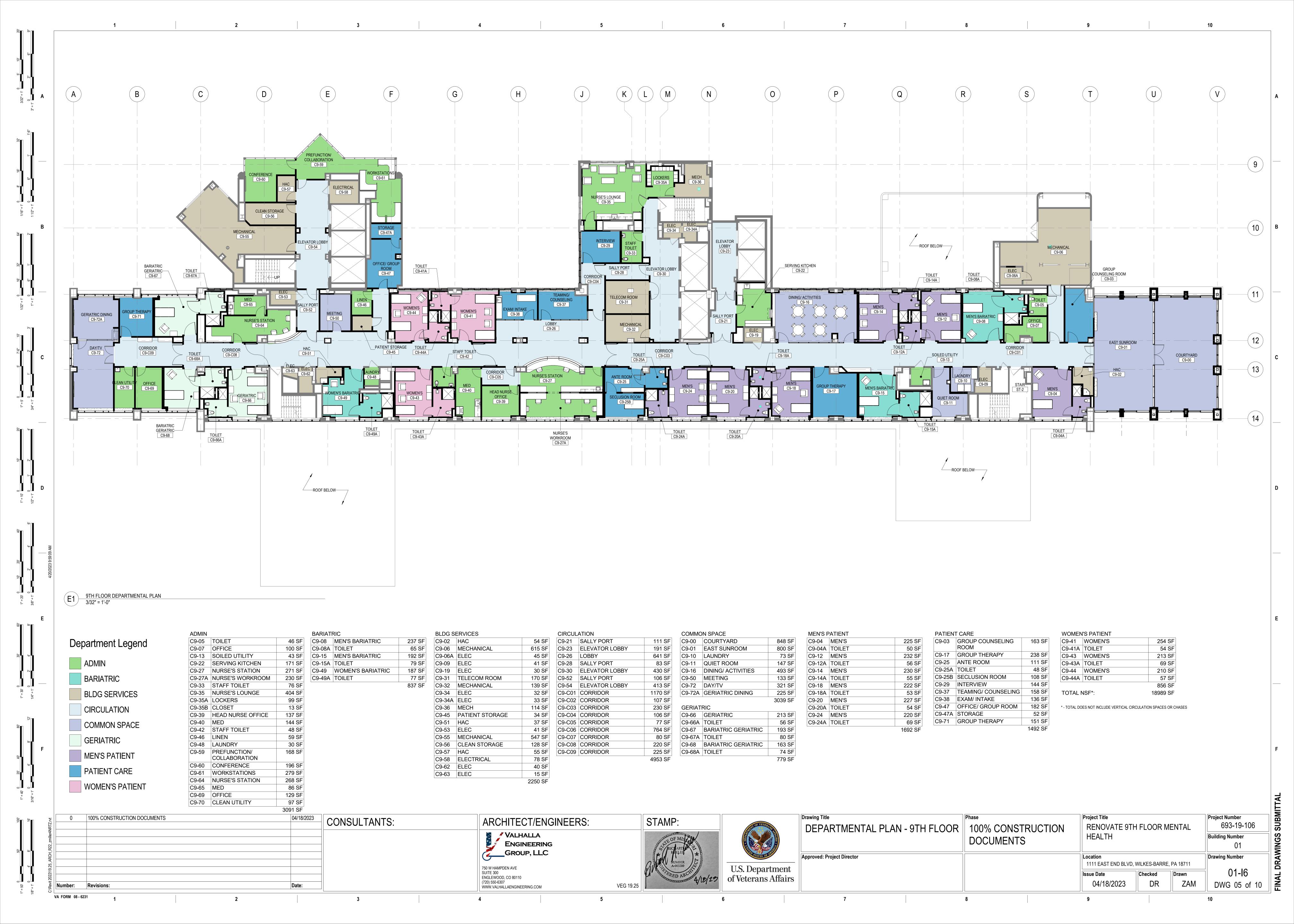
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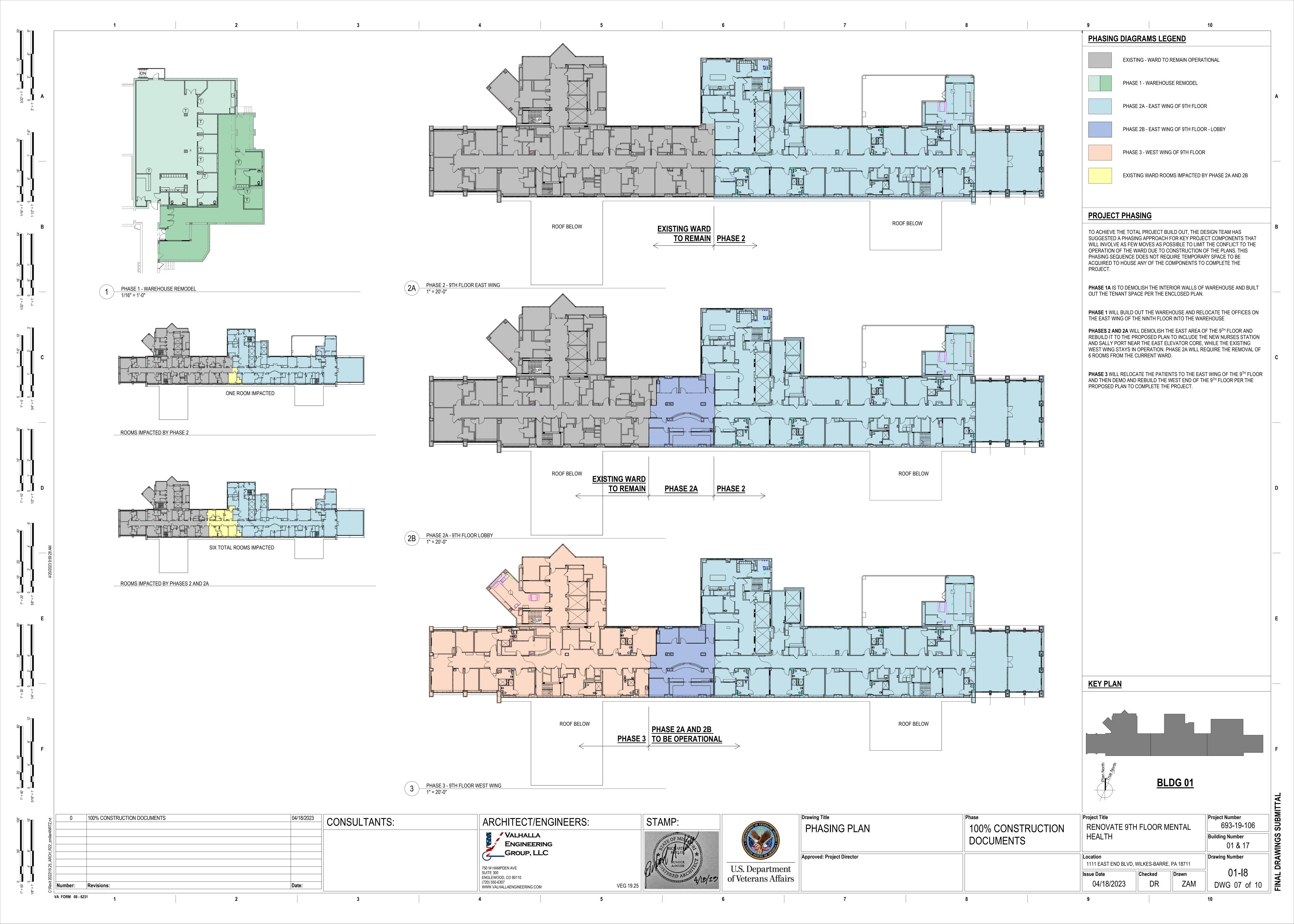
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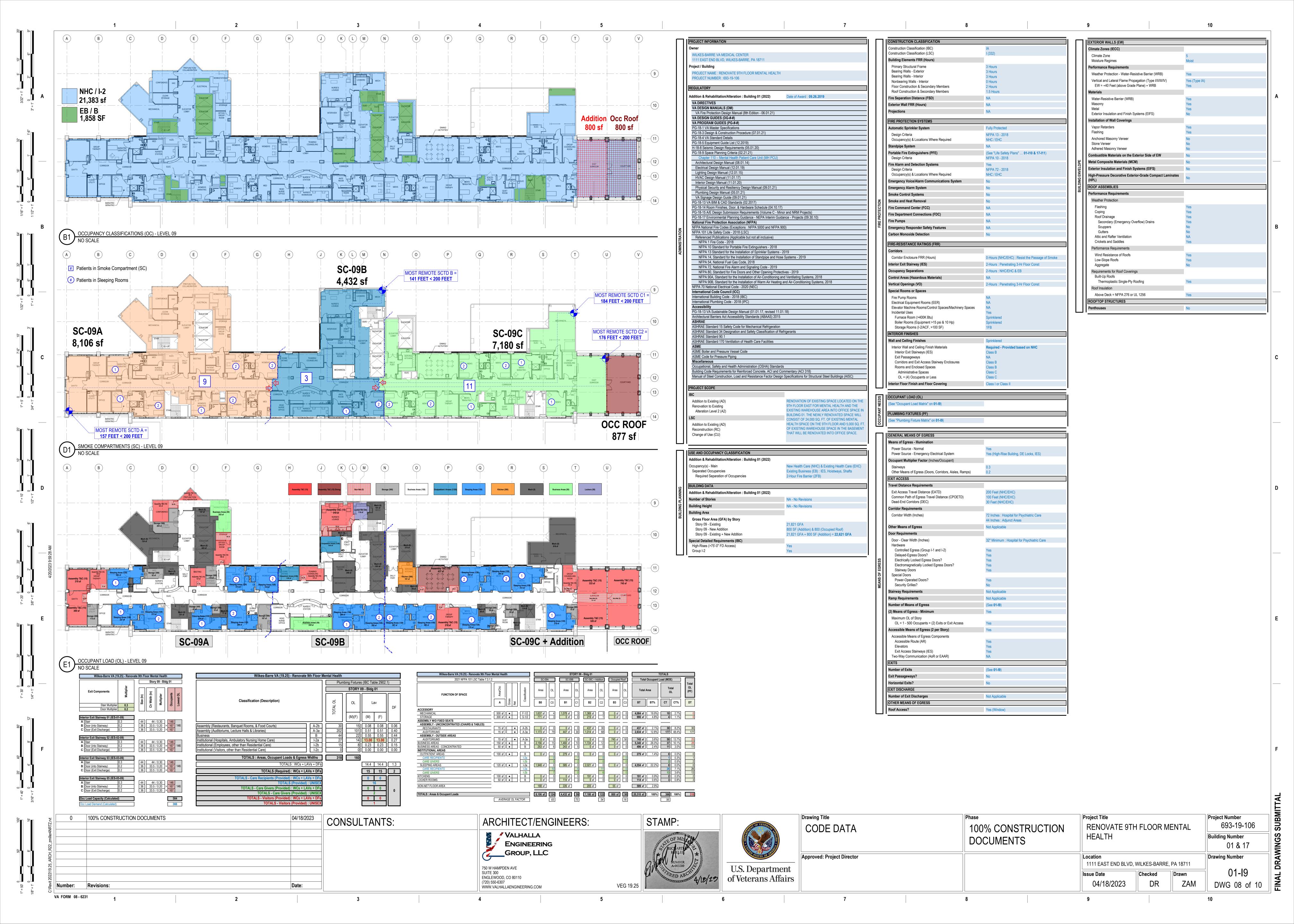


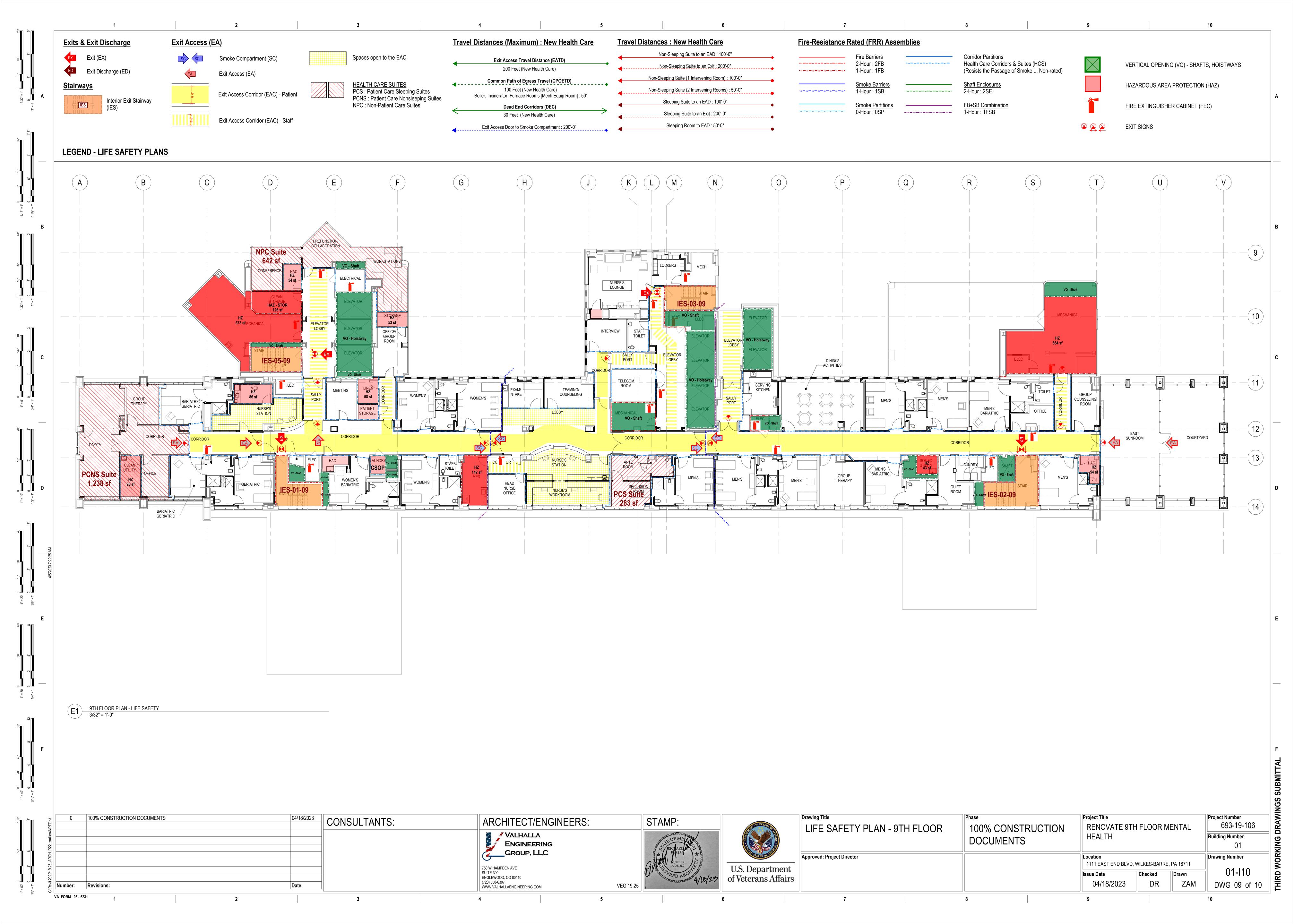
PROGRAM FOR DESIGN - 9TH FLOOR	100% CONSTRUCTION DOCUMENTS	Project Title RENOVATE 9TH HEALTH	FLOOR MI	ENTAL	Project Number 693-19-106 Building Number 01
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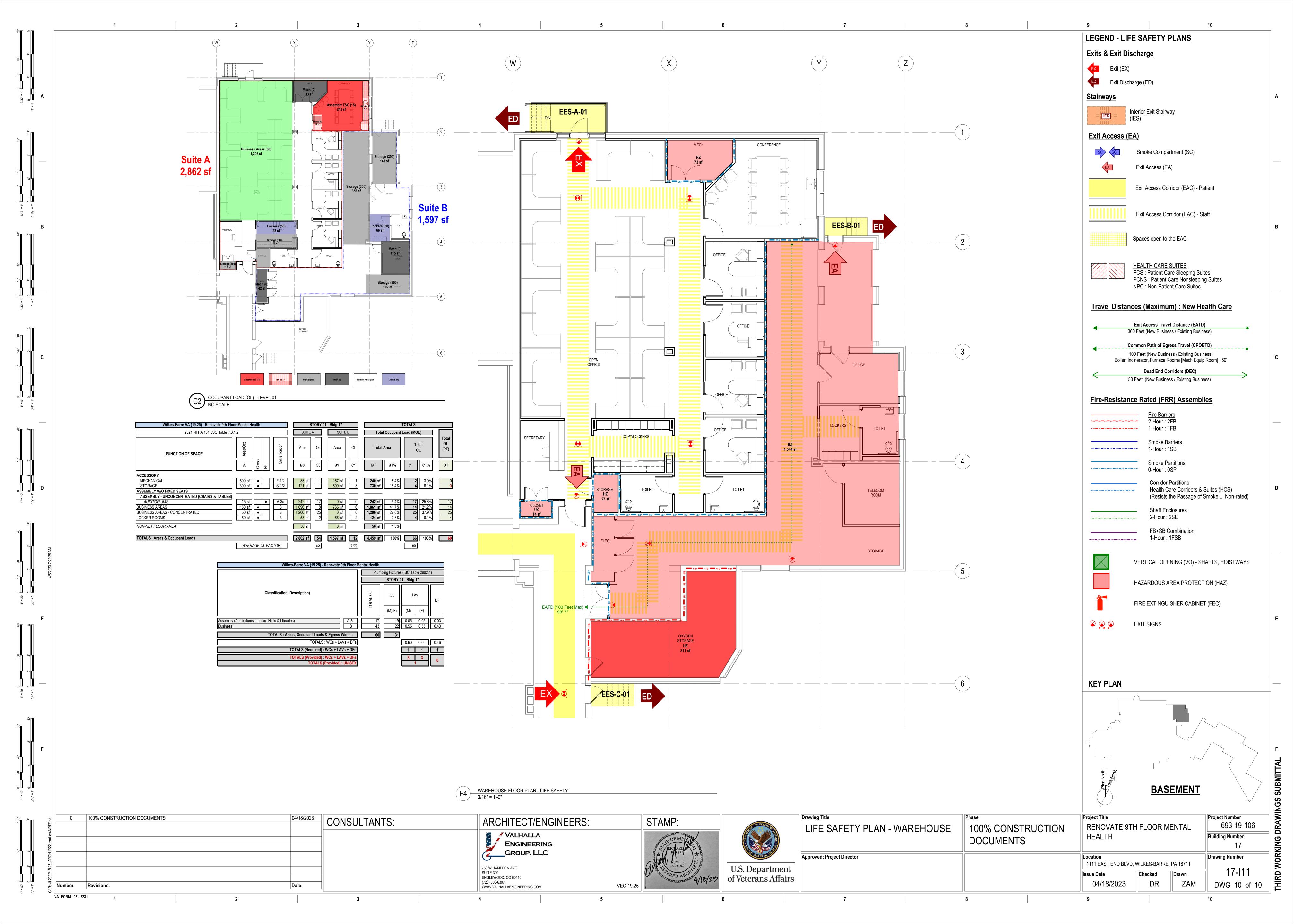


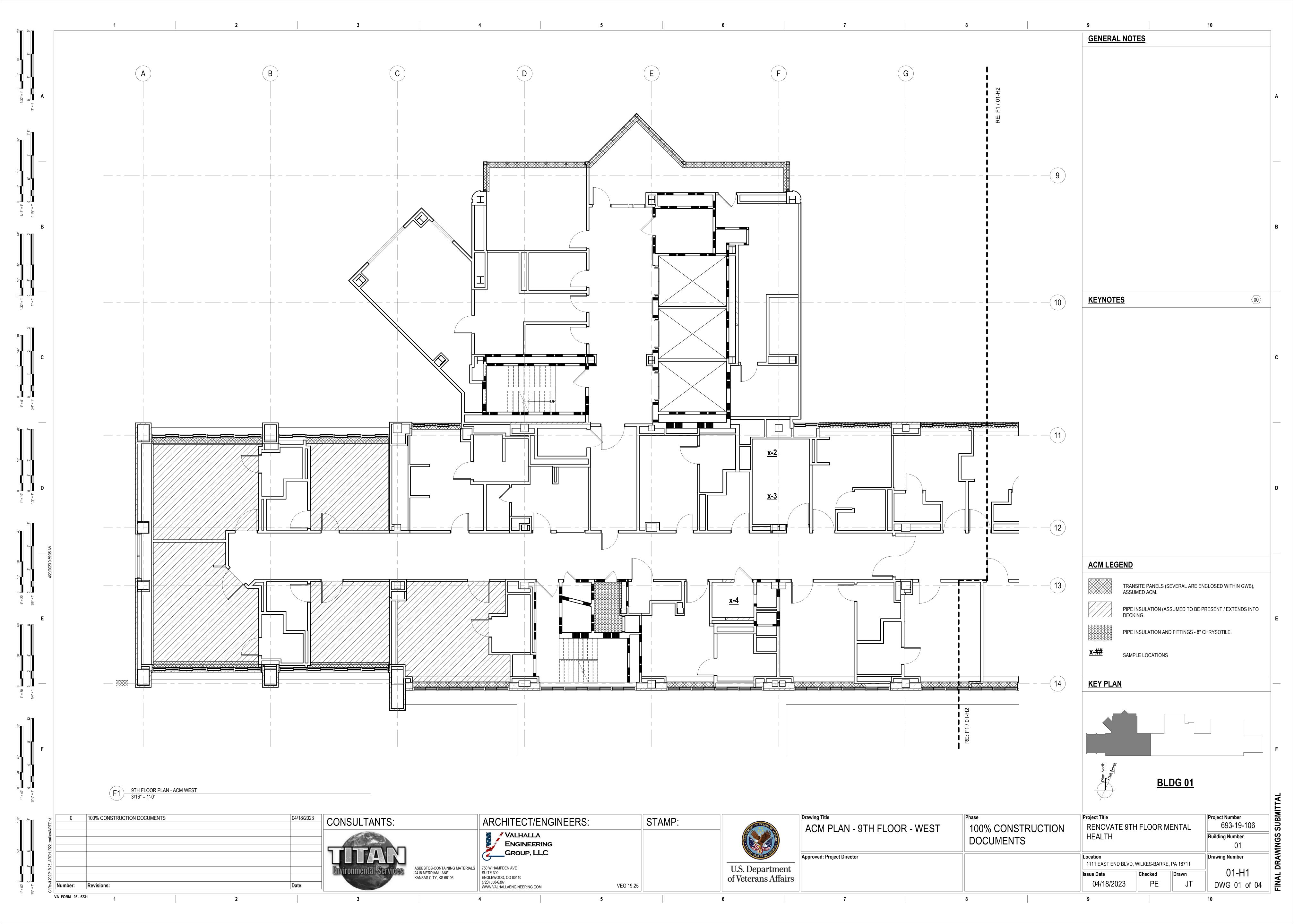




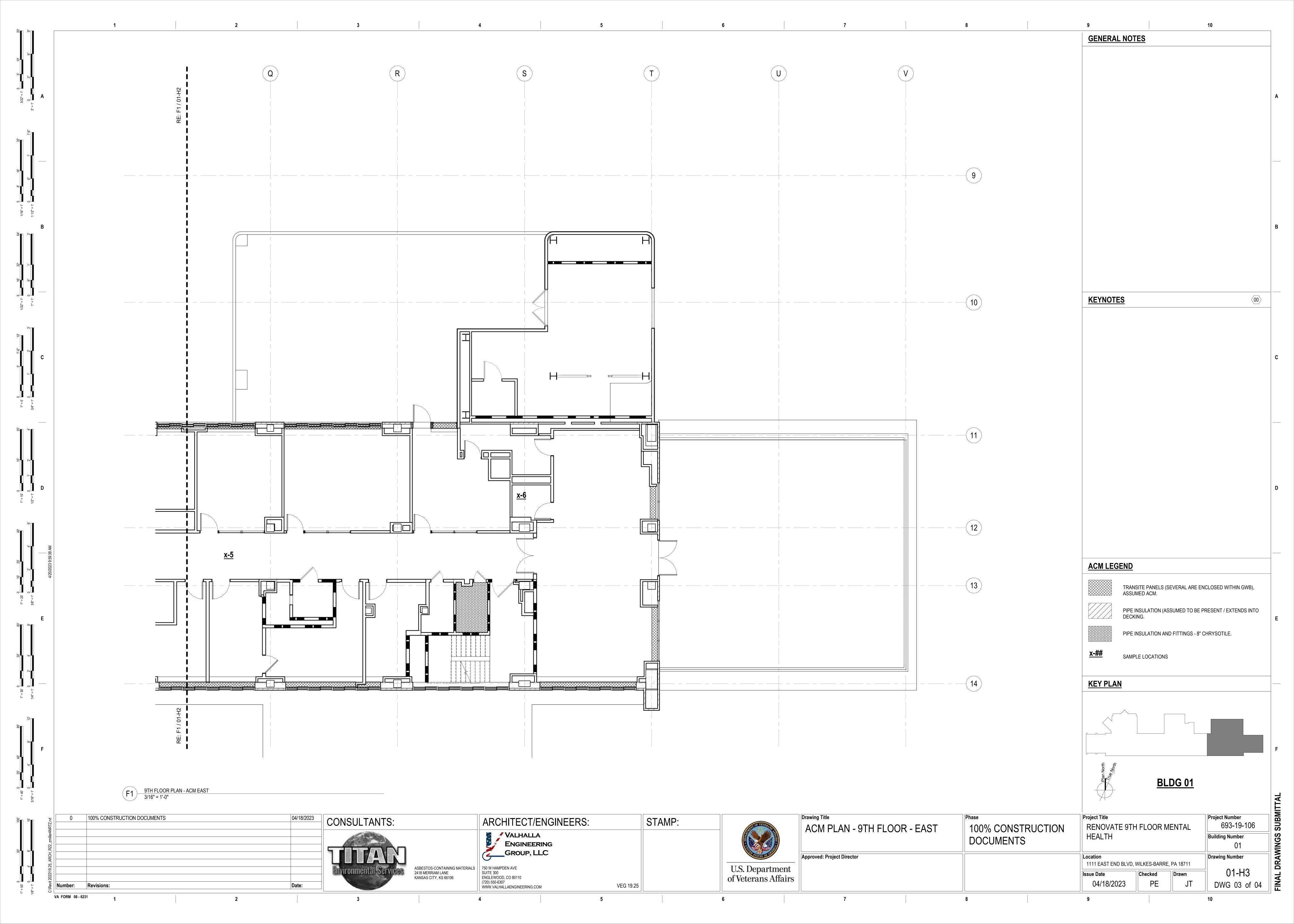


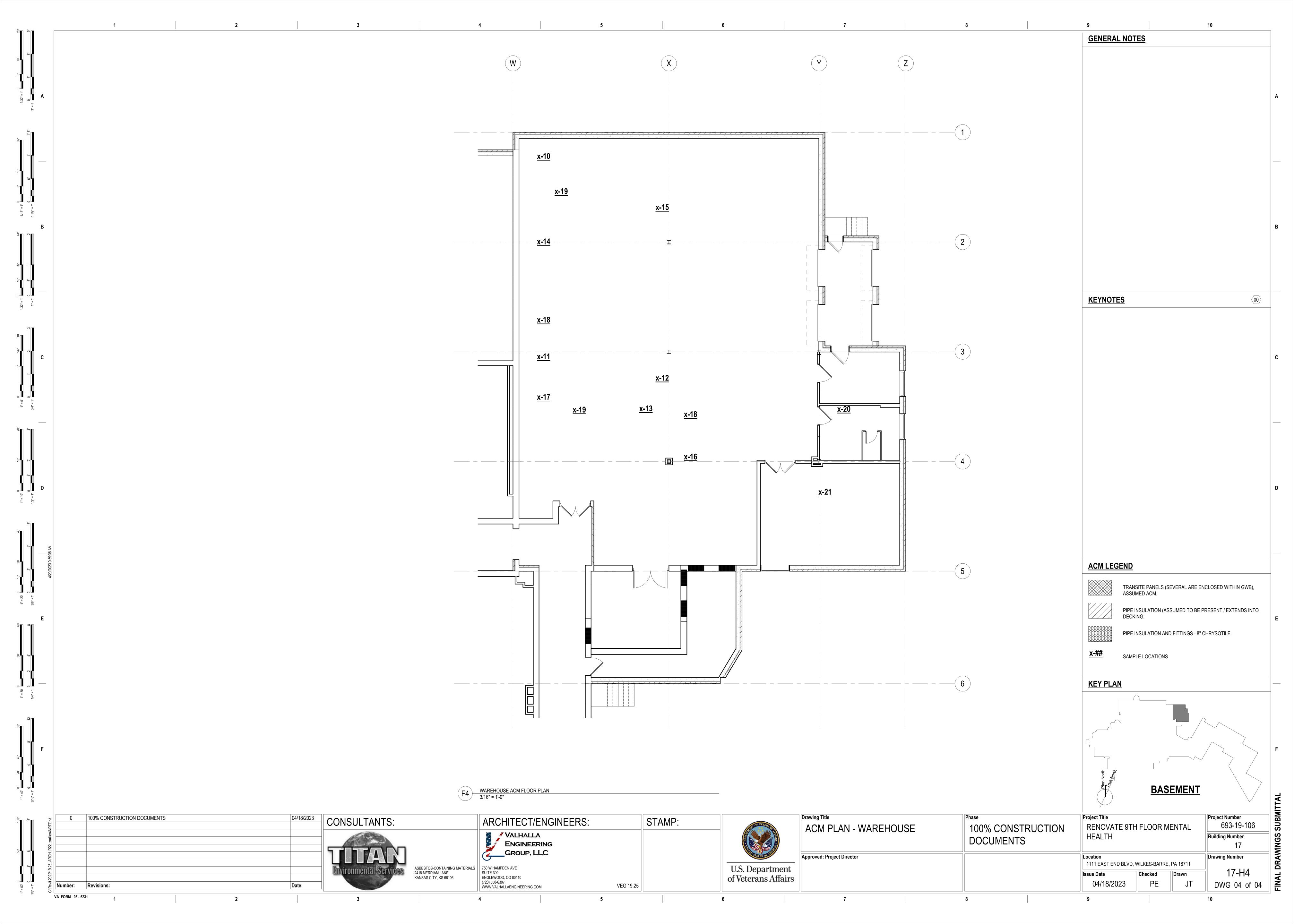












<u>GENERAL</u>

- A. UNLESS NOTED OTHERWISE, ALL WORK SHALL CONFORM WITH THE REQUIREMENTS OF THE
- PROJECT SPECIFICATIONS. SPECIFICATIONS SHALL TAKE PRECEDENCE OVER GENERAL NOTES & TYPICAL DETAILS.
- CONTRACTOR SHALL COMPARE ALL DISCREPANCIES ON DRAWINGS AT THE SITE. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND THE STRUCTURAL DRAWINGS SHALL BE RESOLVED BEFORE PROCEEDING WITH ANY WORK INVOLVED. IN THE CASE OF CONFLICT, FOLLOW THE MOST STRINGENT REQUIREMENT AS DIRECTED BY THE CO WITHOUT ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL COORDINATE & VERIFY ALL DIMENSIONS & ELEVATIONS SHOWN ON STRUCTURAL DRAWINGS AND ARCHITECTURAL DRAWINGS
- WITH SITE CONDITIONS. THE CO SHOULD BE INFORMED OF ANY DISCREPANCIES. DETAILS, SECTIONS, & NOTES SHOWN ON THE DRAWINGS ARE INTENDED TO BE TYPICAL & SHALL APPLY TO SIMILAR SITUATIONS WHERE APPROPRIATE UNLESS NOTED OR SHOWN OTHERWISE. PLEASE NOTE THAT DETAILS ARE NOT DRAWN TO SCALE.
- SHORING AND BRACING REQUIREMENTS: WALLS ABOVE GRADE SHALL BE BRACED UNTIL THE STRUCTURAL SYSTEM IS COMPLETE. WALLS ARE NOT SELF-SUPPORTING.
- FLOOR AND ROOF STRUCTURES: THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE METHOD & SEQUENCE OF ALL STRUCTURAL ERECTION. THEY SHALL PROVIDE TEMPORARY SHORING & BRACING AS THEIR METHOD OF ERECTION REQUIRES TO PROVIDE ADEQUATE VERTICAL & LATERAL SUPPORT. SHORING & BRACING SHALL REMAIN IN PLACE AS THE CHOSEN METHOD REQUIRES UNTIL ALL PERMANENT MEMBERS ARE IN PLACE & ALL FINAL CONNECTIONS ARE COMPLETED, INCLUDING ALL ROOF AND FLOOR ATTACHMENTS. THE BUILDING SHALL NOT BE CONSIDERED STABLE UNTIL ALL
- CONNECTIONS ARE COMPLETE. G. IT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO COORDINATE WITH ALL TRADES & ALL ITEMS TO BE INTEGRATED INTO STRUCTURAL SYSTEM. OPENINGS OR PENETRATIONS THROUGH, OR ATTACHMENTS TO THE STRUCTURAL SYSTEM THAT ARE NOT INDICATED ON THESE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR & SHALL BE COORDINATED WITH THE COR. THE ORDER OF CONSTRUCTION IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. IT IS THE CONTRACTOR'S OBLIGATION TO PROVIDE ITEMS NECESSARY FOR
- THE CHOSEN PROCEDURE. H. OBSERVATION VISITS TO THE SITE BY ARCHITECT'S/ENGINEER'S REPRESENTATIVES SHALL NOT BE CONSTRUED AS INSPECTIONS NOR APPROVALS OF CONSTRUCTION.
- ALL CONSTRUCTION AND INSPECTIONS SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS & SHALL NOT PROCEED WITH THE WORK INVOLVED UNTIL THE INSPECTIONS HAVE BEEN COMPLETED & THE WORK
- APPROVED BY COR THE CONTRACTOR MUST SUBMIT A WRITTEN REQUEST & OBTAIN THE CO'S PRIOR WRITTEN
- APPROVAL FOR ALL CHANGES, MODIFICATIONS, OMISSIONS, AND/OR SUBSTITUTIONS THE CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTIONS IN AND AROUND THE JOB SITE AND/OR ADJACENT PROPERTIES. ALL SUPPORT OF CONSTRUCTION LOADS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ALL SHORING AND BRACING REQUIRED FOR THE PROTECTION OF LIFE & PROPERTY DURING THE CONSTRUCTION PROCESS SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. ALL PROCEDURES OF SOIL EXCAVATION, BACKFILL. & SUPPORT OF ADJACENT PROPERTY DURING EARTHWORK SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- ALL DIMENSIONS INDICATED ON PLANS SHALL BE TO FACE OF STUDS, FACE OF CONCRETE BLOCK, FACE OF ROUGH CONCRETE, CENTERLINE OF COLUMNS, TOP OF SHEATHING, & TOP OF SLAB, UNLESS NOTED OTHERWISE. REFER TO ARCH DRAWINGS FOR ALL DIMENSIONS NOT INDICATED ON STRUCTURAL DRAWINGS.

<u>DESIGN CRITERIA</u>

- A. GENERAL BUILDING CODE
- THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS, CODES AND DESIGN GUIDES SPECIFIC TO THE VETERAN'S HEALTH ADMINISTRATION AS FOLLOWS:
- VA CFM, 2014 STRUCTURAL DESIGN MANUAL
- VA CFM, HANDBOOK H-18-8 "SEISMIC DESIGN REQUIREMENTS"
- INTERNATIONAL BUILDING CODE, IBC 2018 ASCE/SEI 7-16, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
- AMERICAN CONCRETE INSTITUTE (ACI) 318-19/318R-19, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) 360-16, NORTH AMERICAN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS
- UNIFIED FACILITIES CRITERIA (UFC) 3-340-01, DESIGN AND ANALYSIS OF HARDENED
- STRUCTURES TO CONVENTIONAL WEAPONS EFFECTS. SEPTEMBER 2014 AMERICAN IRON AND STEEL INSTITUTE (AISI) S100-16, NORTH AMERICAN SPECIFICATION FOR
- THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS AMERICAN WELDING SOCIETY (AWS) ANSI/AWS D1.1, STRUCTURAL WELDING CODE

B. DESIGN REQUIREMENTS: GOVERNMENT CRITERIA. RISK CATEGORY: IV-VA MISSION CRITICAL

- GRAVITY DEAD LOADING: REFER TO FRAMING PLANS TYPICAL ROOF.. ...25 PSF ..5 PSF FIREPROOFING..
- . GRAVITY LIVE LOADING: REFER TO FRAMING PLANS MAX ROOF LIVE..
- MAX ROOF SNOW. ..46 PSF + SNOWDRIFT PER ASCE 7.10
- 3. ls.... ..60 PSF
- FLOOR LIVE... ≈ | E. SEISMIC FORCES
 - 2. SEISMIC DESIGN CATEGORY... 3. SOIL SITE CLASS... ...'C' (PER GEOTECHNICAL REPORT)
 - ..0.044 ..0.133 6. Sds..
 - 7. Sd1... ..0.071 8. BASE SHEAR... ...V = 0.06 W
 - 9. R = 3.0 10. SEISMIC FORCE RESISTING SYSTEM = STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE WIND FORCES
 - ..120 MPH 3 SECOND GUST VELOCITY. 2. EXPOSURE
- G. FOUNDATION 1. (NOT IN SCOPE

SHOP DRAWINGS

- ALL ENGINEERING DESIGN PROVIDED BY OTHERS AND SUBMITTED FOR REVIEW SHALL BEAR THE CERTIFICATION STAMP AND SIGNATURE OF A QUALIFIED PROFESSIONAL ENGINEER WHO IS LICENSED IN THE STATE OF PROJECT
- SHOP DRAWINGS SHALL BE SUBMITTED FOR THE FOLLOWING ITEMS: CONCRETE (MIX DESIGNS), SLAB REINFORCING, STEEL ROOF DECKING, STRUCTURAL STEEL, AND ARCHITECTURAL ELEMENTS REQUIRING STRUCTURAL SUPPORT.

DEFERRED SUBMITTALS

SUBMITTAL ITEMS.

Number:

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- A. THE FOLLOWING ITEMS SHALL BE ISSUED AS DEFERRED SUBMITTALS PER SPECIFICATIONS: STEEL
- ROOF DECKING SHOP DRAWINGS & STRUCTURAL STEEL SHOP DRAWINGS ALL ITEMS ISSUED AS DEFERRED SUBMITTALS SHALL BE ISSUED A MINIMUM OF 14 DAYS PRIOR TO INSTALLATION AND SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED FOR GENERAL CONFORMANCE TO THE DRAWINGS BY THE GENERAL CONTRACTOR, THE COR, AND THE STRUCTURAL ENGINEER OF RECORD. A COPY OF THE DEFERRED SUBMITTAL SHALL BE FORWARDED TO THE GOVERNMENT AFTER THE STRUCTURAL ENGINEER OF RECORD & COR HAVE REVIEWED THE DOCUMENTS AND PRIOR TO ERECTION OF THE DEFERRED

ADHESIVE ANCHORS

- A. ANCHOR RODS INTO CONCRETE 1. STEEL ELEMENTS FOR USE WITH ADHESIVE SHALL BE ASTM F1554 GRADE 55 CARBON STEEL
- THREADED ROD MATERIAL OR STRONGER. BASIS OF DESIGN INCLUDES THE FOLLOWING DESIGN PARAMETERS:
- a. UNCRACKED CONCRETE
- b. BASE MATERIAL TEMPERATURE OF 23-104 DEGREES FAHRENHEIT c. DRY INTERIOR SERVICE CONDITIONS
- . REBAR DOWELING INTO CONCRETE BASIS OF DESIGN INCLUDES THE FOLLOWING DESIGN PARAMETERS
- a. CRACKED AND UNCRACKED CONCRETE b. DRY INTERIOR SERVICE CONDITIONS

e. USING ACI PROVISION FOR EMBEDMENT DEPTHS GREATER

APPROVED BY THE STRUCTURAL ENGINEER OF RECORD

- c. BASE MATERIAL TEMPERATURE OF 23-104 DEGREES FAHRENHEIT d. CURRENT ICC-ES REPORT WITH APPROVAL FOR DEVELOPMENT OF BAR
- SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCULATIONS THAT HAVE BEEN SEALED BY ANOTHER LICENSED PROFESSIONAL ENGINEER DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF MEETING THE PERFORMANCE OF THE SPECIFIED
- PRODUCT. SUBSTITIONS WILL BE EVALUATED BY THEIR HAVING AN ICC ESR SHOWING COMPLIANCE WITH THE BUIDLING CODE FOR PROPOSED DESIGN LOADING AND USE, LOAD RESISTANCE, INSTALLATION CATEGORY, AND AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION WILL ALSO CONSIDER CREEP, IN-SERIVCE TEMPERATURE INSTALLATION TEMPERATURE, MOISTURE CONDITION OF CONCRETE, AND DRILLING METHODS. ANCHOR CAPACITY USED IN DESIGN OF SUBSTITUTED PRODUCT SHALL BE BASED ON THE TECHINICAL DATA PUBLISHED BY THE ADHESIVE MANUFACTURER OR SUCH OTHER METHOD AS
- D. INSTALL ANCHORS PER THE MANUFACTURER PRINTED INSTALLATION INSTRUCTIONS (MPII), AS INCLUDED IN THE ANCHOR PACKAGING AND IN STRICT ACCORDANCE WITH THE MANUFACTURER'S CURRENT CODE COMPLIANT ICC ESR REPORT. POST INSTALLED ANCHORS TO BE INSTALLED BY ACI/CSRI CERTIFIED ADHESIVE ANCHOR INSTALLER.
- E. THE CONTRACTOR SHALL ARRANGE FOR ANCHOR MANUFACTURER'S REPRESENTATIVE TO PROVIDE ONSITE INSTALLATION TRAINING FOR ALL OF THE ANCHORING PRODUCTS SPECIFIED. THE STRUCTURAL ENGINEER OF RECORD MUST RECEIVE DOCUMENTED CONFIRMATION THAT ALL PERSONNEL WHO INSTALL ANCHORS ARE TRAINED PRIOR TO THE COMMENCEMENT OF ANCHOR
- F. $\,$ ANCHOR CAPACITY IS DEPENDENT UPON SPACING BETWEEN ADJACENT ANCHORS AND PROXIMITY OF ANCHORS TO EDGE OF CONCRETE. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS.
- G. NOTE THAT EVERY EFFORT HAS BEEN MADE TO AVOID INTERFERENCES WITH THE EXISTING REINFORCING BAR LOCATIONS WITHIN THE EXISTING CONCRETE STRUCTURE AS BASED UPON THE AVAILABLE ASBUILT DRAWING DETAILS. HOWEVER, THE ACTUAL EXISTING REINFORCING LOCATIONS MAY CONFLICT WITH SOME OF THE PROPOSED ADHESIVE ANCHOR LOCATIONS
- THE CONTRACTOR SHALL REVIEW THE EXISTING STRUCTURAL DRAWINGS AND SHALL UNDERTAKE TO LOCATE THE POSITION OF THE REINFORCING BARS AT THE PROPOSED LOCATIONS OF THE CONCRETE ANCHORS BY GPR OR OTHER APPROVED NONDESTRUCTIVE IN-SITU CONCRETE REINFORCING LOCATING METHOD.
- 2. THE CONTRACTOR SHALL NOT FABRICATE STEEL WELDMENTS SUCH AS COLUMN BASEPLATES, BEAM SEATS OR OTHER ITEMS INCORPORATING POST-INSTALLED ADHESIVE ANCHORAGE INTO THE EXISTING CONCRETE STRUCTURE UNTIL VERIFICATION THAT THE PROPOSED ANCHOR
- LOCATIONS DO NOT CONFLICT WITH EXISTING REINFORCING STEEL CAN BE CONFIRMED. 3. SHOULD ANY CONFLICT WITH THE EXISTING REBAR BE DISCOVERED, IT SHALL BE BROUGHT TO
- THE ATTENTION OF THE STRUCTURAL ENGINEER OF RECORD FOR RESOLUTION.
- H. EPOXY ANCHORS: BASIS OF DESIGN = HILTI HIT-RE 500 V3.

CONCRETE

Date:

- A. CONCRETE SHALL ATTAIN 4,000 PSI COMPRESSIVE STRENGTH AT 28-DAYS.
- B. MAXIMUM SLUMP = 4-INCHES
- C. MAXIMUM AGRREGATE SIZE = 3/4-INCH D. MAXIMUM WATER-CEMENT RATIO = 0.40
- E. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS.
- F. CONCRETE SHALL BE MIXED, PLACED, AND CURED IN ACCORDANCE WITH ACI 301. G. REINFORCING BARS (REBAR) SHALL BE FABRICATED AND INSTALLED IN CONFORMANCE WITH SP 66
- 04 ACI DETAILING MANUAL 2004. H. REBAR EPOXY ADHESIVE: BASIS OF DESIGN = HILTI HY-200.
- I. CONCRETE BONDING AGENT: BASIS OF DESIGN = QUICKCRETE CONCRETE BONDING ADHESIVE

STRUCTURAL STEEL

- A. GENERAL STEEL REQUIREMENTS PER THE SPECIFICATIONS. SPECIFIC INFORMATION SHOWN FOR REFERENCE ONLY. STRUCTURAL STEEL MINIMUM YIELD STRENGTH:
- 1. TUBE STEEL: A500 Gr. B (Fy = 46 KSI) 2. WIDE FLANGE SECTIONS: A992 STEEL (Fy = 50 KSI)
- 3. CHANNELS AND ANGLES: A36 STEEL (Fy = 36 KSI)
- 4. PLATES: A36 STEEL (Fy = 36 KSI) 5. BOLTS: FOR STEEL, USE A325
- 6. ANCHOR BOLTS: F1554 GR. 55 (Fy = 55 KSI)
- B. ALL STRUCTURAL STEEL AND STRUCTURAL STEEL WORK SHALL COMPLY WITH "SPECIFICATIONS FOR THE DESIGN, FABRICATIONS, AND ERECTIONS OF STRUCTURAL STEEL FOR BUILDINGS OF THE A.I.S.C. CODE OF STANDARD PRACTICE".
- C. ALL WELDS AND WELDING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS OF THE "THE AMERICAN WELDING SOCIETY."
- D. ALL WELDS SHALL BE MINIMUM 3/16" FILLET CONTINUOUS ALL AROUND UNLESS NOTED OTHERWISE. E. PRIOR TO FABRICATION & PLACEMENT, SHOP DRAWINGS FOR ALL STEEL ITEMS SHALL BE SUBMITTED ACCORDING TO THE SHOP DRAWINGS SECTION OF THESE NOTES.
- F. UNLESS NOTED OTHERWISE, ELECTRODES FOR WELDING SHALL CONFORM TO E70XX (SMAW), F7XX-EXXX (SAW), ER70S-X (GMAW), OR E7XT-X (FCAW). ELECTRODES FOR GRADE 60 OR GRADE 65 MATERIAL SHALL CONFORM TO E80XX (SMAW), F8XX-EXX-XX (SAW), ER80S-X (GMAW), OR E8XT-X
- G. SIMPLE BOLTED BEAM CONNECTIONS TO (2) L CLIPS WITH MINIMUM 5/16" THICKNESS WITH (2) 3/4" DIAMETER BOLTS EACH LEG MINIMUM UNLESS NOTED OTHERWISE H. GUSSET PLATES TO BE 3/8" THICK MINIMUM.
- STRUCTURAL STEEL EXPOSED TO THE WEATHER SHALL BE GALVANIZED (G60, MINIMUM), UNLESS OTHERWISE NOTED OR INDICATED.

COLD-FORMED METAL FRAMING

- A. COLD-FORMED STEEL (CFS) REQUIREMENTS PER THE SPECIFICATIONS. ADDITIONAL INFORMATION LISTED FOR REFERENCE ONLY HERE. ALL STRUCTURAL STEEL GAUGE FRAMING MEMBERS, JOISTS, STUDS, TRACKS, BRIDGING, ETC. SHALL BE OF THE TYPE, SIZE, AND EQUIVALENT STRUCTURAL PROPERTIES TO THOSE SHOWN AS COMPUTED IN ACCORDANCE WITH THE LATEST EDITION OF THE
- AISI "SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS." B. INTERIOR SHEET STEEL FOR JOISTS, STUDS & ACCESSORIES TO BE 18 GAGE: ASTM A653, STRUCTURAL STEEL, ZINC COATED G60, WITH A YIELD OF 33KSI MINIMUM. PENTHOUSE SHEET STEEL FOR JOISTS, STUDS & ACCESSORIES TO BE 16 GAGE: ASTM A1003, H-TYPE STRUCTURAL STEEL, ZINC COATED G60, WITH A YIELD OF 50KSI MINIMUM.
- C. ALL WELDING SHALL BE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE FRAMING MATERIAL
- D. ALL MEMBERS SHALL BE CUT SQUARELY TO PROVIDE FOR 100% BEARING AT ENDS. E. MEMBERS SHALL BE HELD FIRMLY IN POSITION UNTIL PROPERLY FASTENED
- F. ALL STANDARD BRIDGING SHALL BE IN PLACE BEFORE APPLICATION OF CONSTRUCTION LOADS. INSTALL TEMPORARY BRACING AND SUPPORTS TO SECURE FRAMING AND SUPPORT LOADS COMPARABLE IN INTENSITY TO THOSE FOR WHICH STRUCTURE WAS DESIGNED. MAINTAIN BRACES AND SUPPORTS IN PLACE, UNDISTURBED, UNTIL ENTIRE INTEGRATED SUPPORTING STRUCTURE HAS BEEN COMPLETED AND PERMANENT CONNECTIONS TO FRAMING ARE SECURED
- G. AISI SPECIFICATIONS AND STANDARDS: COMPLY WITH AISI'S "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND ITS "STANDARD FOR COLD-FORMED STEEL FRAMING - GENERAL PROVISIONS."
- H. COMPLY WITH AISI'S "STANDARD FOR COLD-FORMED STEEL FRAMING HEADER DESIGN." MECHANICAL FASTENERS: ASTM C 1513, CORROSION-RESISTANT-COATED, SELF-DRILLING, SELF-TAPPING STEEL DRILL SCREWS.
- . GALVANIZING REPAIR PAINT: SSPC-PAINT 20 OR DOD-P-21035 ASTM A 780. K. INSTALL COLD-FORMED METAL FRAMING AND ACCESSORIES PLUMB, SQUARE, AND TRUE TO LINE, AND WITH CONNECTIONS SECURELY FASTENED.
- L. INSTALL FRAMING MEMBERS IN ONE-PIECE LENGTHS. M. ERECTION TOLERANCES: INSTALL COLD-FORMED METAL FRAMING LEVEL, PLUMB, AND TRUE TO LINE TO A MAXIMUM ALLOWABLE TOLERANCE VARIATION OF 1/8 INCH IN 10 FEET
- N. INSTALL CONTINUOUS TOP AND BOTTOM TRACKS SIZED TO MATCH STUDS. ALIGN TRACKS ACCURATELY AND SECURELY ANCHOR AT CORNERS AND ENDS, AND AT MAXIMUM 32" O/C.
- ALIGN STUDS VERTICALLY WHERE FLOOR FRAMING INTERRUPTS WALL-FRAMING CONTINUITY. WHERE STUDS CANNOT BE ALIGNED, CONTINUOUSLY REINFORCE TRACK TO TRANSFER LOADS. P. ALIGN FLOOR AND ROOF FRAMING OVER STUDS. WHERE FRAMING CANNOT BE ALIGNED. CONTINUOUSLY REINFORCE TRACK TO TRANSFER LOADS.
- Q. ANCHOR STUDS ABUTTING STRUCTURAL COLUMNS OR WALLS, INCLUDING MASONRY WALLS, TO SUPPORTING STRUCTURE AS INDICATED.
- R. INSTALL HEADERS OVER WALL OPENINGS WIDER THAN STUD SPACING. LOCATE HEADERS ABOVE OPENINGS AS INDICATED. FABRICATE HEADERS OF COMPOUND SHAPES INDICATED OR REQUIRED. TO TRANSFER LOAD TO SUPPORTING STUDS, COMPLETE WITH CLIP-ANGLE CONNECTORS, WEB STIFFENERS, OR GUSSET PLATES.
- S. FRAME WALL OPENINGS WITH NOT LESS THAN A DOUBLE STUD AT EACH JAMB OF FRAME AS INDICATED ON SHOP DRAWINGS. FASTEN JAMB MEMBERS TOGETHER TO UNIFORMLY DISTRIBUTE T. INSTALL RUNNER TRACKS AND JACK STUDS ABOVE AND BELOW WALL OPENINGS. ANCHOR TRACKS
- TO JAMB STUDS WITH CLIP ANGLES OR BY WELDING, AND SPACE JACK STUDS SAME AS FULL-HEIGHT WALL STUDS. U. INSTALL SUPPLEMENTARY FRAMING, BLOCKING, AND BRACING IN STUD FRAMING INDICATED TO SUPPORT FIXTURES. EQUIPMENT. SERVICES. CASEWORK. HEAVY TRIM. FURNISHINGS. AND SIMILAR
- WORK REQUIRING ATTACHMENT TO FRAMING. V. INSTALL STEEL SHEET DIAGONAL BRACING STRAPS TO BOTH STUD FLANGES: TERMINATE AT, AND FASTEN TO REINFORCED TOP AND BOTTOM TRACKS. FASTEN CLIP-ANGLE CONNECTORS TO
- MULTIPLE STUDS AT ENDS OF BRACING AND ANCHOR TO STRUCTURE. W. INSTALL MISCELLANEOUS FRAMING AND CONNECTIONS, INCLUDING SUPPLEMENTARY FRAMING, WEB STIFFENERS, CLIP ANGLES, CONTINUOUS ANGLES, ANCHORS, AND FASTENERS, TO PROVIDE A
- COMPLETE AND STABLE WALL-FRAMING SYSTEM. X. DESIGN STEEL IN ACCORDANCE WITH AMERICAN IRON AND STEEL INSTITUTE PUBLICATION "SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS", EXCEPT AS
- OTHERWISE SHOWN OR SPECIFIED. Y. SHEET STEEL FOR JOISTS, STUDS & ACCESSORIES TO BE 18 GAGE AND LIGHTER: ASTM A653,
- STRUCTURAL STEEL, ZINC COATED G60, WITH A YIELD OF 33KSI MINIMUM. Z. ALL TESTING AND INSPECTION REPORTS SHALL BE SENT TO THE CO FOR REVIEW. SHOP DRAWINGS SHALL BE SUBMITTED TO THE CO FOR REVIEW PRIOR TO FABRICATION.

SPECIAL INSPECTIONS

A. SEE SHEET S-002 FOR REQUIRED SPECIAL INSPECTIONS. B. CONTRACTOR SHALL READ AND UNDERSTAND THEIR DUTIES IN THE SPECIFICATIONS FOR SPECIAL INSPECTIONS AND COORDINATE, AS NECESSARY, THE GOVERNMENT'S RESPONSIBILITIES.

STEEL ROOF DECKING

- A. STEEL ROOF DECK SHALL COMPLY WITH THE SPECIFICATIONS. SPECIFIC INFORMATION LISTED HERE FOR REFERENCE ONLY. SEE ICC REPORT ER2078-P (VERCO MANUFACTURING CO.), ICC REPORT ER3415 (VULCRAFT), OR HAVE CURRENT ICC APPROVAL. ALL STEEL FLOOR DECK SHALL
- COMPLY WITH THE LATEST REQUIREMENTS OF THE STEEL DECK INSTITUTE (SDI). B. DECK PROPERTIES DEPTH AND TYPE ..1 1/2" 1.5 PLB 36
- .20 GAUGE
- MINIMUM YIELD STRESS. MINIMUM +S ..0.234 INCHES/ PER FOOT OF WIDTH MINIMUM I ...0.219 INCHES/ PER FOOT OF WIDTH
- SPAN MINIMUM .3 SPAN MINIMUM DIAPHRAGM SHEAR CAPACITY. GALVANIZED U.N.O.
- D. SEE PLAN AND NOTES FOR DECK ATTACHMENT

DECK USING A 36/4 PATTERN OF 5/8" PUDDLE WELDS.

- E. MINIMUM BEARING AT: - EXTERIOR/PERIMETER BEARING = 2 INCHES
- INTERIOR BEARING LENGTH = 3 INCHES
- THE FIRST SHEET OF STEEL DECK ADJACENT AND PARALLEL TO WALLS, PERIMETER MEMBERS, OR MEMBERS IDENTIFIED AS CHORD. COLLECTOR. OR DRAG MEMBERS (ON ONE OR BOTH SIDES AS APPLICABLE) SHALL BE FULL WIDTH SHEETS.
- G. ALL WELDING SHALL BE PERFORMED BY WELDERS EXPERIENCED IN LIGHT GAGE STEEL DECK

J. ATTACH DECKING TO EACH INTERIOR SUPPORT AND TO THE EDGE SUPPORT PARALLEL TO THE

H. IN AREAS WHERE 3 SPAN CONDITIONS ARE NOT POSSIBLE, CONTRACTOR SHALL PROVIDE A HEAVIER GAGE DECK AS REQUIRED FOR 2 SPAN CONDITIONS TO MEET THE EQUIVALENT LOADING OF A 3 SPAN CONDITION. PROVIDE #10 TEK SCREWS AS SIDELAP FASTENERS @ 36" O.C.

STRUCTURAL SYMBOLS

STRUCTURAL MEMBER SIZE C10X15.3 STRUCUTRAL MEMBER OFFSET FROM LEVEL

STRUCTURAL FRAMING TAG

ABBREVIATIONS

INTERIOR

JOINT

KIP-FEET

KIP

K-FT

AB	ANCHOR BOLT	LP	LOW POINT
ADDL	ANCHOR BOLT ADDITIONAL	LW	LIGHT WEIGHT
AFF	ABOVE FINISH FLOOR	LLH	
	ALTERNATE	LLV	LONG LEG VERTICAL
ARCH	ARCHITECT	LWB	LONG WAY BOTTOM
BCE	BOTTOM CHORD EXTENSION	MAX	
BO	BOTTOM OF	MECH	MECHANICAL
BLDG	BUILDING	MEZZ	MEZZANINE
BM	BEAM	MEP	MECHANICAL ELECTRICAL PLUMBING
BOTT		MFG	MANUFACTURER
BOS		MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
BSMT		MP	MASONRY PIER
BP		MST	METAL STUD TRUSS
BTWN		NBL	NON BEARING LINTEL
CL		NIC	NOT IN CONTRACT
CANT		(N)	NEW
CANT		NTS	NOT TO SCALE
CMU		NW	
CNTR	CENTER/CENTERED	OC	
CO		PAF	
COL	COLUMN	PL	PLATE
CONC	CONCRETE	PLUMB	PLUMBING
CONC	CONNECTION	PC	PILE CAP
CONT	CONTINUOUS	PRCST	
COORD	CONTRACTING OFFICER	PSF	POUNDS PER SQUARE FOOT
COR	CONTRACTING OFFICER	PSI	POUNDS PER SQUARE INCH
CMM	REPRESENTATIVE	PTN	PARTITION
C/W	COMPLETE WITH	REINF	REINFORCEMENT
Ø	DIAMETER	REQD	
DTL	DETAIL	RETG	RETAINING
DWG	DRAWING	R/W	REINFORCED WITH
EX	EXISTING	SF	STEP FOOTING
EA	EACH	SOG	
EF	EACH FACE	SCHED	
EL	ELEVATION	SECT	SECTION
ELECT		SIM	SIMILAR
ELEV		SL	SLOPE
EMBED	EMBEDMENT	SPECS	
EOD	EDGE OF DECK	STL	STEEL
EOS			STIFFENER
EQ	EQUAL	STRUC	
EQUIP	•	SW	SHEAR WALL
EW	EACH WAY	SWB	SHORT WAY BOTTOM
EWB		T&B	TOP AND BOTTOM
EWT		T T/O	TOP
EXIST	EXISTING	T/O	TOP OF
EXP	EXPANSION	TOC	TOP OF CONCRETE
EXT	EXTERIOR	TOS	TOP OF STEEL
FDN	FOUNDATION	TOW	TOP OF WALL
FIN	FINISH	TS	THICKENED SLAB
FLR	FLOOR	TCELE	
FT	FEET	TCERE	TOP CHORD EXTENSION RIGHT END
FTG	FOOTING	TDS	TURN DOWN SLAB
GA	GAUCE	THK	THICK OR THICKENED
GALV	GALVANIZED	THRD	THREADED
GB	GRADE BEAM	TYP	TYPICAL
GSN	GENERAL STRUCTURAL NOTES	UNO	UNLESS NOTED OTHERWISE
HP	HIGH POINT	VIF	VERIFY IN FIELD
HORIZ	HORIZONTAL	VERT	VERTICAL
IF.	INSIDE FACE	WRT	WOOD ROOF TRUSS
IN	INCHES	W/	WITH
INFO	INFORMATION	WC	WET COLUMN
INIT	INITEDIOD	\ / /⊏	MIDE EL ANCE

WIDE FLANGE

WELDED WIRE FABRIC

WALL PLATE

WP

CONSULTANTS: ARCHITECT/ENGINEERS: **VALHALLA** ENGINEERING GROUP, LLC

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STAMP: VEG 19.25



Drawing Title Project Title Project Number 693-19-106 **RENOVATE 9TH FLOOR MENTAL** 100% CONSTRUCTION STRUCTURAL NOTES **HEALTH** DOCUMENTS Approved: Project Director **Drawing Number** 1111 EAST END BLVD, WILKES-BARRE, PA 18711 01-S1 04/18/2023 HOG KAT DWG 01 of 14

SPECIAL INSPECTIONS SCHEDULE - PER PROJECT SPECIFICATIONS

STATEMENT OF SPECIAL INSPECTIONS - 2018 IBC

- 1. SPECIAL INSPECTIONS AND STRUCTURAL TESTING SHALL BE PROVIDED BY A THIRD PARTY AGENCY EMPLOYED BY THE GENERAL CONTRACTOR. SPECIAL INSPECTIONS AND TESTING SHALL BE PROVIDED, AS REQUIRED, IN CHAPTER 17 OF THE IBC AND BY THE ENGINEER OF RECORD. REQUIREMENTS ARE NOTED IN CHARTS PROVIDED ON THE CONSTRUCTION DOCUMENTS, AS WELL AS IN THE SPECIFICATIONS.
- THE NAMES AND CREDENTIALS OF THE SPECIAL INSPECTORS TO BE USED SHALL BE SUBMITTED TO THE VHA COR.
 ALL SPECIAL INSPECTORS SHALL BE QUALIFIED TO INSPECT MATERIALS BASED ON CERTIFICATION, TRAINING OR EXPERIENCE, AS REQUIRED, AND MUST MEET SPECIFICATION STANDARDS.
- SPECIAL INSPECTOR DUTIES:

 A. SPECIAL INSPECTOR SHALL REVIEW ALL WORK REQUIRED ON THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
 B. SPECIAL INSPECTOR SHALL FURNISH SPECIAL INSPECTION REPORTS TO THE VHA COR, ENGINEER OF RECORD, ARCHITECT, AND CONTRACTOR ON A WEEKLY BASIS OR MORE FREQUENTLY. ALL ITEMS NOT IN COMPLIANCE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF UNCORRECTED, THEY SHALL BE REPORTED TO THE VHA COR.
- SPECIAL INSPECTOR SHALL KEEP A LOG OF ALL NON-COMPLIANCE ITEMS, INCLUDING THOSE NOTED ON STRUCTURAL OBSERVATION REPORTS.

 SPECIAL INSPECTOR SHALL REINSPECT ALL NON-COMPLIANCE ITEMS UPON REPAIR BY THE CONTRACTOR TO MEET THE CONSTRUCTION DOCUMENTS OR REPAIR BASED ON ENGINEER OF RECORD DIRECTIVES.
- E. SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT.F. SPECIAL INSPECTOR SHALL FURNISH A FINAL LETTER TO THE COR AT THE COMPLETION OF THE PROJECT STATING THAT ALL INSPECTIONS HAVE BEEN COMPLETED AND ALL DISCREPANCIES HAVE BEEN RESOLVED.
- 4. CONTRACTOR DUTIES:
 A. CONTRACTOR SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE OWNER PRIOR TO THE COMMENCEMENT OF WORK. THE STATEMENT SHALL CONTAIN ACKNOWLEDGEMENT OF THE SPECIAL INSPECTION REQUIREMENTS ON THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS.
 B. CONTRACTOR SHALL NOTIFY THE RESPONSIBLE SPECIAL INSPECTOR AND COR THAT WORK IS READY FOR INSPECTION A MINIMUM OF 24 HOURS BEFORE SUCH
- INSPECTION IS REQUIRED.

 C. ALL WORK, INCLUDING REPAIRS, SHALL REMAIN ACCESSIBLE AND EXPOSED UNTIL IT HAS BEEN OBSERVED BY THE SPECIAL INSPECTOR.

 D. CONTRACTOR SHALL PROVIDE CURRENT DRAWINGS AND SPECIFICATIONS TO THE SPECIAL INSPECTOR AND COR. THIS INCLUDES ALL STRUCTURAL OBSERVATIONS,
- REPORTS, AND REPAIR DOCUMENTATION.

 E. ALL REPAIRS SHALL BE INSPECTED AT THE COST OF THE CONTRACTOR. NON-COMPLIANCE ITEMS SHALL BE RESOLVED IN A TIMELY MANNER.

REQUIRED THIRD PARTY SPECIAL INSPECTIONS AND TESTS OF SOILS - 2018 IBC

TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	-	X
	Type	

REQUIRED THIRD PARTY SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION - 2018 - IBC

TE CONCINCOTIC	<u> </u>		
CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE
-	Х	ACI 318: CH 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
-	-	AWS D1.4 ACI 318: 26.6.4	-
-	Х	AWS D1.4 ACI 318: 26.6.4	-
-	X	AWS D1.4 ACI 318: 26.6.4	-
X	-	AWS D1.4 ACI 318: 26.6.4	-
-	Х	ACI 318: 17.8.2	-
-	-	ACI 318: 17.8.2	-
X	-	ACI 318: 17.8.2.4	-
-	Х	ACI 318: 17.8.2	-
-	Х	ACI 318: CH 19, 26.4.3, 26.4.4	1904.0, 1904.2, 1908.2, 1908.3
Х	-	ASTM C 172 ASTM C 31 ACI 318: 26.4, 26.12	1908.10
Х	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
-	Х	ACI 318: 26.5.3-26.5.5	1908.9
-	-		-
X	-	ACI 318: 26.10	-
X	-	ACI 318: 26.10	-
-	X	ACI 318: CH 26.8	-
-	Х	ACI 318: 26.11.2	-
-	X	ACI 318: 26.11.1.2 (b)	-
	CONTINUOUS SPECIAL INSPECTION X - X - X - X - X - X -	CONTINUOUS SPECIAL INSPECTION	CONTINUOUS SPECIAL INSPECTION

REQUIRED THIRD PARTY VERIFICATION AND INSPECTION FOR STEEL CONSTRUCTION -2018 IBC

	CONTINUOUS	PERIODIC	REFERENCED STANDARI
INSPECTION	TASKS PRIOR TO WELDI	NG	·
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	-	X	
WPS AVAILABLE	Х	-	
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	-	
MATERIAL IDENTIFICATION (TYPE/GRADE)	-	X	
WELDER IDENTIFICATION SYSTEM [1]	-	X	
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	-	X	AISC 360 TABLE N5.4-1
FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY)	-	Х	
CONFIGURATION AND FINISH OF ACCESS HOLES	-	X	AISC 360 TABLE N5.4-1
FIT-UP OF FILLET WELDS	-	X	AISC 360 TABLE N5.4-1
INSPECTION	 Tasks during to weld	ING	
CONTROL AND HANDLING OF WELDING CONSUMABLES	_	X	AISC 360 TABLE N5.4-2
NO WELDING OVER CRACKED TACK WELDS	-	X	AISC 360 TABLE N5.4-2
NPS FOLLOWED	-	X	AISC 360 TABLE N5.4-2
WELDING TECHNIQUES	-	X	AISC 360 TABLE N5.4-2
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	X	-	
INSPECTION	TASKS AFTER TO WELD	ING	
VELDS CLEANED	X	-	
SIZE, LENGTH AND LOCATION OF WELDS	X	-	
VELDS MEET VISUAL ACCEPTANCE CRITERIA	-	X	AISC 360 TABLE N5.4-3
ARC STRIKES	_	X	1
(-AREA [2]	X	-	
VELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP	X	_	
HEAVY SHAPES [3] BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)		X	
REPAIR ACTIVITIES	-	X	
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT	-		
DR MEMBER	-	X	
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	X	-	
INSPECTION	I TASKS PRIOR TO BOLTI	NG	
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	X	-	
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	-	X	
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	-	Х	
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	_	X	
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED,		X	
MEET APPLICABLE REQUIREMENTS PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION	-	^	
PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	-	X	
PROTECTED STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	-	X	
INSPECTIO	N TASKS DURING BOLTIN	IG	
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	-	X	
IOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	-	Х	
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	-	X	
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE	-	X	
MOST RIGID POINT TOWARD THE FREE EDGES	ON TASKS AFTER BOLTIN		
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	-	
INSPECTION OF STEEL FRAME	, DECK AND JOINT DETAI	LS FOR COMPLIANC	EE
PLACEMENT AND INSTALLATION OF STEEL DECK	-	X	
DETAILS SUCH AS BRACING AND STIFFENING	-	X	
MEMBER LOCATIONS	-	X	
		X	+

NO	TE	S:	

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- 1. THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.
- 2. WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT
- THE WEB k-AREA FOR CRACKS WITHIN 3" OF THE WELD.

 3. AFTER ROLLED HEAVY SHAPES (PER AISC 360 SECTION A3.1c) AND BUILT-UP HEAVY SHAPES (PER AISC 360 SECTION A3.1d) ARE WELDED, VISUALLY INSPECT THE WELD ACCESS HOLES FOR CRACKS.

REQUIRED THIRD PARTY FOR MASONRY O			<u>ON</u>
	CONTINUOUS	PERIODIC	REFEREN
ANNUAL INA VEDI	ICIOATION DEGLUDEMEN	ITO	

	CONTINUOUS	PERIODIC	REFERENCED STANDARD
MINIMUM	VERIFICATION REQUIREMEN	ITS	
VERIFICATION OF F'M AND F'AAC	-	Х	TMS 602, ART 1.4 B
VERIFICATION OF SLUMP FLOW AND VISUAL STABILITY INDEX (VSI)	-	X	TMS 602, ART 1.5 AND 1.6.3
Pf	RIOR TO CONSTRUCTION		
REVIEW MATERIAL CERTIFICATES, MIX DESIGNS, TEST RESULTS AND CONSTRUCTION PROCEDURES	-	X	TMS 602, ART 1.15
AS	CONSTRUCTION BEGINS		
PROPORTIONS OF SITE PREPARED MORTAR	-	X	TMS 602, TABLE 1.19.2
CONSTRUCTION OF MORTAR JOINTS	-	Х	TMS 602, TABLE 1.19.2
LOCATION OF REINFORCMENT, CONNECTORS & ANCHORAGES	-	Х	TMS 602, TABLE 1.19.2
	PRIOR TO GROUTING		
GROUT SPACE	-	X	TMS 402, TABLE 1.19.2
GRADE, TYPE AND SIZE OF REINFORCEMENT, ANCHOR BOLTS AND ANCHORAGES	-	Х	TMS 402, TABLE 1.19.2
PLACEMENT OF REINFORCEMENT, CONNECTORS AND ANCHORAGE	X	-	TMS 402, TABLE 1.19.2
PROPORTIONS OF SITE-PREPARED GROUT	-	X	TMS 402, TABLE 1.19.2
CONSTRUCTION OF MORTAR JOINTS	-	X	TMS 402, TABLE 1.19.2
С	OURING CONSTRUCTION		
SIZE AND LOCATION OF STRUCTURALELEMENTS	-	Х	TMS 402, TABLE 1.19.2
TYPE, SIZE AND LOCATION OF ANCHORS, FRAMES, ETC.	-	Х	TMS 402, TABLE 1.19.2
PLACEMENT OF GROUT	-	Х	TMS 402, TABLE 1.19.2
PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (<40 DEGREES F) OR HOT WEATHER (>90 DEGREES F)	-	Х	TMS 402, TABLE 1.19.2
OBSERVATION OF GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS	X	-	TMS 402, TABLE 1.19.2
	Туре		

REQUIRED THIRD PARTY VERIFICATION AND INSPECTIONS FOR COLD-FORMED STEEL CONSTRUCTION -2018 IBC

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
PRE-FABRICATED COLD-FORMED STEEL STRUCTURAL ELEMENTS AND ASSEMBLIES				
A. SIZE, SPACING	X	-	-	SEC. 1704.2.5.1, 1705.11.2, 1705.12.3
B. CONNECTIONS AND WELDS	X	-		
2. SITE BUILT ASSEMBLIES				SEC. 1704.2.5.1, 1705.11.2, 1705.12.3
A. GRADE, SIZE, SPACING	X	-	-	
B. CONNECTIONS AND WELDS	X	-		
C. BLOCKING	X	-		
3. DIAPHRAGMS				SEC. 1704.2.5.1,
A. MEMBER SIZE AT PANEL EDGES	X	-		
A. FASTENER DIAMETER AND LENGTH	X	-		1705.11.2, 1705.12.3
A. FASTENER SPACING	X	-		

REQUIRED THIRD PARTY SPECIAL INSPECTIONS OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS -2018 IBC

STEEL JOISTS AND JOIST GIRDERS -2018 IBC				
ТҮРЕ	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	
INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.	-	-		
A. END CONNECTIONS - WELDING OR BOLTED.	-	X	SJI specifications listed in Section 2207.1.	
B. BRIDGING - HORIZONTAL OR DIAGONAL.	-	-		
STANDARD BRIDGING.	-	Х	SJI specifications listed in Section 2207.1.	
BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1.	-	Х		
	Туре	•		

CONSULTANTS:

Date:

Number:

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Revisions:

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STAMP: 57114 4/18/23



awing Title STRUCTURAL SPECIAL	Phase 100% CONSTRUCTION Project Title RENOVATE 9TH FLOOR MENTAL				Project Number 693-19-106
NSPECTIONS SCHEDULE	DOCUMENTS	HEALTH			Building Number
proved: Project Director		Location 1111 EAST END BLVD, WILKES-BARRE, PA 18711			Drawing Number
		Issue Date	Checked	Drawn	1 01-S2
		04/18/2023	HOG	KAT	DWG 02 of 14

