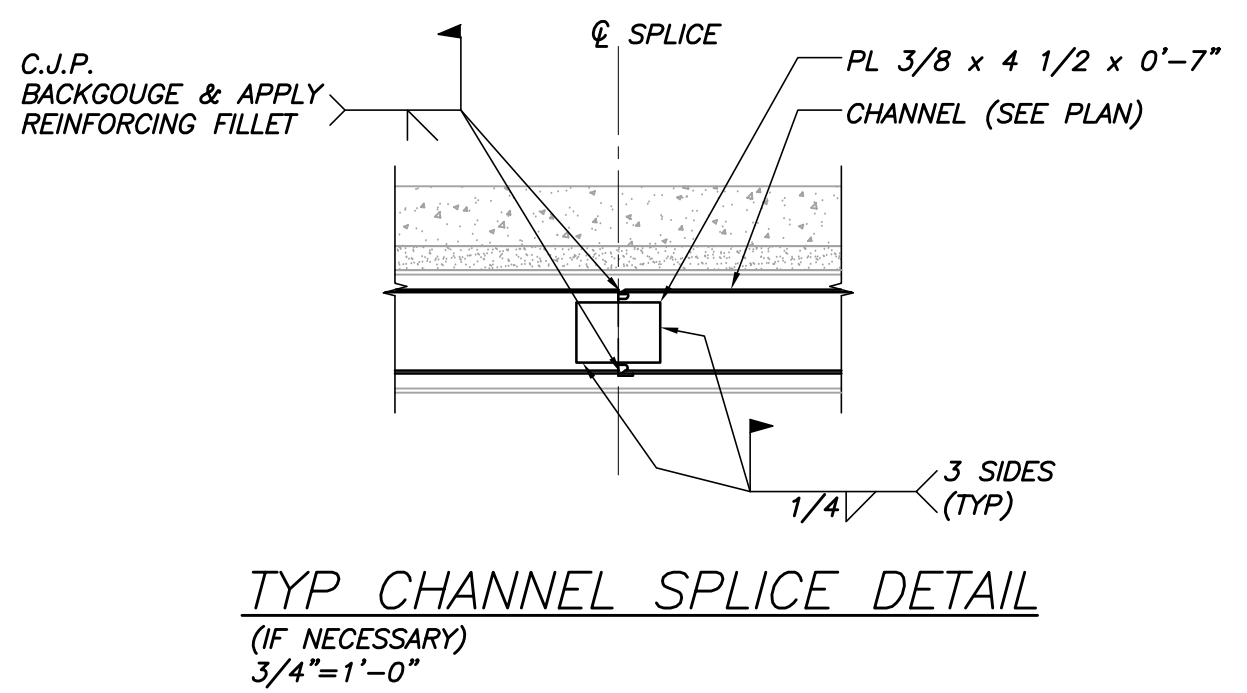


CONSTRUCTION SEQUENCE NOTES

1. INSTALL TEMPORARY JACKING/SHORING TO UNDERSIDE OF EXISTING W BEAM. (ENGAGE JACKS TIGHT TO BEAM).
2. REMOVE EXISTING BOLTS AT COLUMN SUPPORT.
3. INCREASE JACKING/SHORING SUCH THAT BEAM ENDS ARE 1/8" ABOVE COLUMN. MANIFOLD JACKS TOGETHER TO ENSURE JACKS ARE LIFTING WITH EQUAL LOAD & PISTON PRESSURE. APPROXIMATE LOAD PER JACK= 7,500 LBS. OVERSIZE JACKS BY A MINIMUM FACTOR OF 2.0 TO ENSURE JACKS HAVE SUFFICIENT CAPACITY. REPORT FINAL JACKING LOAD TO ENGINEER.
4. LOCK JACKS OR SHIM EXISTING STEEL BEAMS TIGHT TO SHORING.
5. REMOVE EXISTING COLUMN AND WEB CONNECTION.
6. INSTALL REINFORCING STEEL PER STRUCTURAL DRAWINGS.
7. REMOVE JACKING/SHORING.



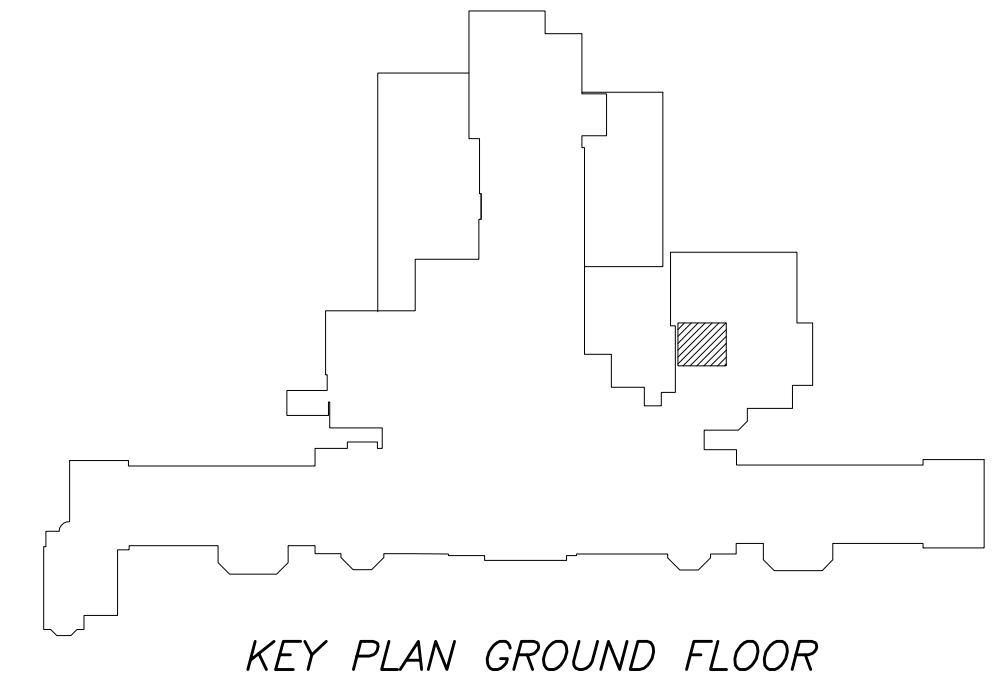
- GENERAL NOTES**
1. THE FOLLOWING NOTES ARE INTENDED TO BE USED AS OUTLINED SPECIFICATIONS FOR THIS PROJECT. THE REFERENCED STANDARDS ARE CONSIDERED TO BE PART OF THE WORK.
 2. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
 3. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE STRUCTURAL DRAWINGS IS COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF ANY AND ALL NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE DOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
 4. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE ENGINEER.
 5. ALL APPLICABLE FEDERAL, STATE, AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA).
- DESIGN LOADS**
1. BUILDING CODE:
MAINE UNIFORM BUILDING AND ENERGY CODE
INTERNATIONAL BUILDING CODE, 2009 EDITION
INTERNATIONAL EXISTING BUILDING CODE, 2009 EDITION
ASCE 7-05 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
 2. DESIGN FLOOR LIVE LOADS:
OFFICES: 50 PSF + 15 PSF PARTITION ALLOWANCE

- SUBMITTALS & QUALITY ASSURANCE**
1. THE CONTRACTOR SHALL SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PARTS OF THE WORK, INCLUDING DESCRIPTION OF SHORING, AND CONSTRUCTION METHODS AND SEQUENCING WHERE APPLICABLE. NO PERFORMANCE OF THE WORK INCLUDING, BUT NOT LIMITED TO, SHORING AND DEMOLITION OF EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS, SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ENGINEER. REQUIRED SUBMITTALS SHALL INCLUDE:

STRUCTURAL STEEL FRAMING FABRICATION DRAWINGS
NON-SHRINK CONSTRUCTION GROUT FOR STEEL BEARINGS
MASONRY ADHESIVE ANCHOR PRODUCT DATA
MASONRY BLOCK PRODUCT DATA
MASONRY GROUT MIX/PRODUCT DATA
MASONRY MORTAR MIX/PRODUCT DATA
 2. ALL WELDS SHALL BE INSPECTED BY A WELD INSPECTOR CERTIFIED BY THE AMERICAN WELDING SOCIETY (AWS-CW), RETAINED BY MAINE MEDICAL CENTER. DO NOT APPLY FINISHES UNTIL SUCH TIME THAT ALL WELDS HAVE BEEN APPROVED IN THEIR FINAL CONFIGURATION.
 3. CONTACT ENGINEER AT BEGINNING OF MASONRY OPERATIONS TO REVIEW INSTALLATION PROCEDURES.

- STRUCTURAL STEEL NOTES**
1. STRUCTURAL STEEL FABRICATION, ERECTION, AND CONNECTION DESIGN SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN FABRICATIONS, AND ERECTION OF STRUCTURAL STEEL" LATEST EDITION, AND THE "CODE OF STANDARD PRACTICE", LATEST EDITION.
 2. STRUCTURAL STEEL: STEEL PLATES, SHAPES, AND BARS, CONFORM TO ASTM A36 UNLESS NOTED OTHER WISE (U.N.O.). STRUCTURAL STEEL SHAPES DESIGNATED ON THE DRAWINGS FOR WIDE-FLANGE SECTIONS: ASTM A992 (ASTM A572 GRADE 50 WITH SPECIAL REQUIREMENTS PER AISC TECHNICAL BULLETIN #3 DATED MARCH, 1997)
 3. STRUCTURAL TUBING: CONFORM TO ASTM A500 GRADE B46 KSI.
 4. WHERE WELDING IS INDICATED, ALL WELDING SHALL CONFORM TO AWS D1.1-LATEST EDITION. ELECTRODES SHALL CONFORM TO AWS A5.1 E70XX SERIES WITH PROPER ROD TO PRODUCE OPTIMUM WELD (LOW HYDROGEN)
 5. SEE DRAWINGS FOR ANCHOR BOLT INFORMATION, TYP.
 6. ALL STEEL SHALL BE PAINTED WITH THE FABRICATOR'S RUST INHIBITIVE PRIMER, TNEMEC 10-99 OR EQUAL.

- MASONRY NOTES**
1. ALL MASONRY CONSTRUCTION SHALL CONFORM TO ACI 530.1-LATEST.
 2. ALL CONCRETE MASONRY UNITS WALL BE ASTM C90 GRADE N, TYPE I STANDARD WEIGHT BLOCKS INCLUDING STRETCHERS AND CORNER BLOCKS. MINIMUM PRISM STRENGTH OF BLOCK SHALL BE F'M = 1500 PSI IN 28 DAYS.
 3. MORTAR SHALL CONFORM TO ASTM SPECIFICATION C270, TYPE M OR S
 4. GROUT SHALL CONFORM TO ASTM-C476
 5. REINFORCING FOR BOND BEAMS, LINTEL BLOCKS AND VERTICAL WALL REINFORCING SHALL BE BILLET STEEL CONFORMING TO ASTM A615, GRADE 60
 6. HORIZONTAL JOINT REINFORCING SHALL BE DUR-O-WAL TRUSS DESIGN, STANDARD CLASS MILL GALVANIZED WITH 3/16" DIAMETER SIDE RODS AND 9 GAUGE CROSS TIES U.N.O. REINFORCING SHALL BE PLACED IN MASONRY WALLS AT EVERY SECOND BLOCK COURSE.
 7. STANDARD LAP LENGTH OF GRADE 60 MASONRY REINFORCING BARS SHALL BE 48 BAR DIAMETERS..
 8. CELLS TO BE GROUTED SHALL BE 2-CELL BLOCK. ALIGN CELLS TO MAINTAIN A CLEAR UNOBSTRUCTED, CONTINUOUS VERTICAL CHASE. CELLS MUST BE KEPT CLEAN OF PROTRUSIONS OR FINIS OF MORTAR. FILL CELLS OF MASONRY UNITS AND WALL CAVITIES WHERE INDICATED WITH SPECIFIED GROUT. MAXIMUM GROUT LIFT WITHOUT CLEAN-OUTS SHALL BE 4'-0".



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STATE OF MAINE
PROFESSIONAL ENGINEER
ETHAN A. RHILE
NO. 10286
C.E., S.E., S.P.

Apprtd	
Issued For	ISSUED FOR CONSTRUCTION
Date	2/3/17
Rev. No	1

MAINE MEDICAL CENTER MORGUE
22 BRAMHALL STREET, PORTLAND, ME

Designed	MDP	Scale	AS NOTED
Drawn	WBH	Date	2/3/17
Checked	EAR	Becker Job Number	3989

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