

GENERAL NOTES

- 1. THE NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO GENERAL NOTES. INCONSISTENCIES BETWEEN THESE DRAWINGS AND THE SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER PRIOR TO PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.
2. ALL WORK SHALL COMPLY WITH THE 2009 EDITION OF THE INTERNATIONAL BUILDING CODE (IBC) AND 2009 INTERNATIONAL EXISTING BUILDING CODE (IEBC)
A. ORIGINAL DESIGN LOADS (CODE): BOCA 1984
B. CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL EQUIPMENT USED NOT EXCEED EXISTING BUILDING DESIGN LOADS.
3. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF OPENINGS, CHASES, INSERTS, REGLETS, SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS.
4. ALL DIMENSIONS, EXISTING CONDITIONS, AND AS-BUILT CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK.
5. THE STRUCTURE IS DESIGNED TO BE SELF SUPPORTING AND STABLE ONLY AFTER THE STRUCTURAL WORK CONTAINED IN THE S- 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 RESTORATION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
6. SECTIONS AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR SIMILAR CONDITIONS AS DETERMINED BY THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER RESERVES THE RIGHT TO INTERPRET DETAILS TO ADDRESS OTHER PROJECT CONDITIONS.
7. 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, DEMOLITION OF EXISTING STRUCTURE, OR FABRICATION OR ERECTION OF NEW STRUCTURAL ELEMENTS, SHALL COMMENCE WITHOUT REVIEW OF THE SHOP DRAWINGS BY THE ARCHITECT AND ENGINEER. SUBMIT PDF COPY FOR REVIEW. FOR SHOP DRAWINGS AND SUBMITTALS REQUIRED, REFERENCE THE PROJECT SPECIFICATIONS.
8. ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS SHALL BE FOLLOWED, INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.
9. REFERENCE THE PROJECT SPECIFICATIONS FOR ALL TESTING REQUIREMENTS.
10. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO VEHICLES, PROPERTY AND PUBLIC CAUSED BY THEIR WORK.
11. CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, LICENSES AND GOVERNMENT FEES AS REQUIRED. THE CONTRACTOR SHALL COMPLY WITH CODES, ORDINANCES, RULES, REGULATIONS, ORDERS AND OTHER LEGAL REQUIREMENTS OF THE PUBLIC AUTHORITY, WHICH BEAR ON THE PERFORMANCE OF THE WORK.
12. THE ADJACENT GARAGE SHALL REMAIN IN OPERATION FOR THE DURATION OF THE PROJECT. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY CONTROLS NECESSARY TO ALLOW FOR THE BUILDING OPERATIONS.
13. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN REQUIRED DUST BARRIERS, BARRICADES, PROTECTION AND WARNING LIGHTS IN GOOD WORKING CONDITION UNTIL COMPLETION OF WORK REQUIRING SUCH PROTECTION AND THEN REMOVE THE SAME. ALL SIGNS, BARRIERS AND BARRICADES SHALL COMPLY WITH FEDERAL STATE AND LOCAL LAWS AND REGULATIONS.
14. CONTRACTOR SHALL MAINTAIN PREMISES FREE FROM ACCUMULATIONS OF WASTE MATERIAL AND RUBBISH. PRECAUTIONS SHOULD BE TAKEN TO MINIMIZE DUST FROM ENTERING THE GARAGE OR BUILDING. ALL DUST AND DEBRIS CREATED BY WORK WITHIN THE BUILDING SHALL BE REMOVED AND THE WORK AREAS CLEANED.
15. CONTRACTOR SHALL DETERMINE THE NEED FOR ALL DISCONNECTION AND/OR TEMPORARY OR PERMANENT REROUTING OF EXISTING UTILITIES, INCLUDING ELECTRICAL AND PLUMBING AND COORDINATE WITH THE GARAGE OWNER/MANAGER.
16. 15 PARKING SPACES WILL BE AVAILABLE TO THE CONTRACTOR 7 DAYS A WEEK ADJACENT TO THE TOWER STRUCTURE (THREE LEVELS 5 PAGES EACH). CONTRACTOR TO PROVIDE ALL TRAFFIC OPERATIONS DURING CONSTRUCTION. CONTRACTOR TO MAINTAIN FREE AND CLEAR TRAFFIC LANES AT ALL TIMES.
17. CONTRACTOR SHALL PROVIDE ALL SIGNAGE INDICATING STAIR TOWER/ELEVATOR ARE CLOSED DURING CONSTRUCTION. PROVIDE TEMPORARY SIGNAGE AND BARRIERS TO REDIRECT PATRONS TO THE NEAREST EXIT OR DOWN THE RAMP. A MINIMUM OF ONE STAIR SHALL REMAIN COMPLETELY ACCESSIBLE DURING CONSTRUCTION. PLAN SHALL BE SUBMITTED TO CITY CODE ENFORCEMENT FOR REVIEW AND APPROVAL.

EXISTING BUILDING:

- 1. LATERAL AND GRAVITY FORCES IMPARTED ONTO THE EXISTING STRUCTURE WILL NOT HAVE INCREASED AFTER COMPLETION OF THE PROJECT. THE EXISTING STRUCTURAL CAPACITIES WILL NOT BE DECREASED. THERE IS NO CHANGE OF OCCUPANCY NOR RECONFIGURATION OR REPURPOSING OF THE SPACE.
2. EXISTING BUILDING HAS BEEN EVALUATED USING THE "PRESCRIPTIVE METHOD" PER CHAPTER 3 OF IEBC. THE WORK PROPOSED IS CONSIDERED A "REPAIR" AND EVALUATED AS LESS THAN SUBSTANTIAL STRUCTURE DAMAGE.
3. EXISTING BASIC STRUCTURAL SYSTEM: BEARING WALL SYSTEM
4. EXISTING SEISMIC FORCE RESISTING SYSTEM: MASONRY SHEARWALLS

CONCRETE NOTES

- 1. CONCRETE WORK SHALL CONFORM TO "ACI MANUAL OF CONCRETE PRACTICE", LATEST EDITION. THIS PUBLICATION IS AVAILABLE THROUGH THE AMERICAN CONCRETE INSTITUTE (248) 848-3800.
2. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.
3. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315, LATEST EDITION.
4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND BE PROVIDED IN FLAT SHEETS.
5. MINIMUM CONCRETE PROTECTIVE COVERING FOR REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL BE AS FOLLOWS:
A. SURFACES CAST AGAINST AND PERMANENTLY IN CONTACT WITH EARTH, 3.0"
B. FORMED SURFACES IN CONTACT WITH EARTH OR EXPOSED TO WEATHER #5 BARS, 5/8" DIAMETER WIRE AND SMALLER, 1.5" #6 THROUGH #11 BARS, 2.0"
C. SURFACES NOT IN CONTACT WITH EARTH OR EXPOSED TO WEATHER WALLS, SLABS, JOISTS #11 BARS AND SMALLER, 1.0" BEAMS, GIRDERS, AND COLUMNS; ALL REINFORCEMENT, 1.5"
6. REINFORCEMENT SHALL BE CONTINUOUS AROUND CORNERS AND AT INTERSECTIONS. PROVIDE LAPPED BARS AT NECESSARY SPLICES OR HOOKED BARS AT DISCONTINUOUS ENDS. PROVIDE TENSION LAP SPLICES PER THE SCHEDULE THIS DRAWING, FOR ALL REINFORCING UNLESS OTHERWISE SHOWN ON PLAN.
7. WELDING OF REINFORCEMENT IS NOT PERMITTED
8. ANCHOR RODS SHALL BE HEADED RODS CONFORMING TO ASTM F1554, GRADE 36 KSI WELDABLE STEEL, UNLESS NOTED OTHERWISE ON DRAWINGS. ANCHOR RODS SHALL BE HOT-DIPPED GALVANIZED.
9. INSTALLATION OF REINFORCEMENT SHALL BE COMPLETED AT LEAST 24 HOURS PRIOR TO THE SCHEDULED CONCRETE PLACEMENT. NOTIFY ARCHITECT AND STRUCTURAL ENGINEER OF COMPLETION AT LEAST 24 HOURS PRIOR TO THE SCHEDULED COMPLETION OF THE INSTALLATION OF REINFORCEMENT.
10. ALL ITEMS TO BE EMBEDDED INTO CONCRETE SHALL BE INSTALLED PRIOR TO PLACEMENT OF CONCRETE. PROVIDED ADDITIONAL REINFORCEMENT AND/OR TEMPLATES AS REQUIRED TO ENSURE THE CORRECT POSITIONS OF EMBEDMENTS. "WET SETTING" OF EMBEDMENTS INTO CONCRETE IS STRICTLY PROHIBITED. EMBEDMENTS INCLUDE, BUT NOT BY LIMITATION, REINFORCEMENT, REINFORCING DOWELS, EMBEDDED PLATES, ANCHOR RODS, ANCHOR INSERTS, SLEEVES LOAD TRANSFER PLATES, DIAMOND DOWELS AND SHELF BULK HEADS.

PRECAST CONCRETE TRENDS

MATERIAL:

- 1. CONCRETE:
1.1. f'c = 5,000 PSI MIN.
1.2. AIR CONTENT = 6% +/- 1%
1.3. PROVIDE A MINIMUM OF ONE TEST RESULT FOR STRENGTH AND AIR.
2. REINFORCEMENT: GALVANIZED BARS CONFORMING WITH ASTM A 615, GRADE 60. PROVIDE MINIMUM TOP COVER OF 1 1/2"
3. CONNECTIONS: HOT DIPPED GALVANIZED PER ASTM A 123 OR ASTM A 153.
4. EMBEDMENTS: ALL EMBEDMENTS SHALL BE HOT DIPPED GALVANIZED OR NON-CORROSIVE MATERIAL.

FABRICATION:

- 1. PRECAST UNITS SHALL BE FABRICATED BY A CURRENT APA CERTIFIED PLANT.
2. EACH TREAD SHALL BE CAST WITH WOOSTER PRODUCTS TYPE 231BF NOSING WITH ABRASIVE FILLER. HOLD BACK 2" FROM EACH SIDE.
3. FINISH:
3.1. TOP, BACK AND FRONT SURFACES TO RECEIVE FORM FINISH WITH MEDIUM EXPOSURE SAND BLAST.
3.2. BOTTOM TO RECEIVE TROWEL FINISH WITH MEDIUM EXPOSURE SAND BLAST.
3.3. PROVIDED RADIUS AT NOSING.

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 NEW MASONRY WALLS AT EVERY SECOND BLOCK COURSE.
7. CONCRETE MASONRY UNITS SHALL BE LAID IN RUNNING BOND UNLESS OTHERWISE NOTED. PROVIDE FULL MORTAR COVERAGE ON ALL WEBS AND FACE SHELLS. PROVIDE CORNER BLOCKS AND END BLOCKS TO FINISH ALL 90 DEGREE CORNERS AND WALL OPENINGS.
8. PROVIDE LINTELS AT WALL PENETRATIONS AS SHOWN IN THE LINTEL SCHEDULE THIS DRAWING.
9. DO NOT APPLY UNIFORM LOADING FOR AT LEAST 12 HOURS AFTER BUILDING MASONRY WALLS OR COLUMNS. DO NOT APPLY CONCENTRATED LOADS FOR AT LEAST 3 DAYS AFTER BUILDING MASONRY WALLS, LINTELS OR BEAMS.
10. STANDARD LAP LENGTH OF GRADE 60 MASONRY REINFORCING BARS SHALL BE 48 BAR DIAMETERS FOR BARS #5 AND SMALLER. PROVIDE MECHANICAL SPLICES RATED FOR 125% THE BAR YIELD STRENGTH FOR BARS #6 AND LARGER OR AS INDICATED ON DRAWINGS. PROVIDE CORNER BARS TO MATCH HORIZONTAL REINFORCEMENT.
11. 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 FINS OF MORTAR. FILL CELLS OF MASONRY UNITS AND WALL CAVITIES WHERE INDICATED WITH 2500 PSI GROUT. MAXIMUM GROUT LIFT WITHOUT CLEAN-OUTS SHALL BE 4'-0". HIGH LIFT GROUTING SHALL CONFORM TO CODE REQUIREMENTS WITH A MINIMUM CEMENT CONTENT OF 8 SACKS PER CUBIC YARD. SUPPORT ALL VERTICAL BARS IN CENTER OF GROUTED CELLS WITH VERTICAL BAR POSITIONER.
12. FIELD PENETRATIONS THROUGH BLOCK WALLS SHALL NOT BE MADE THROUGH BOND BEAMS, LINTELS OR GROUTED CELLS UNLESS DIRECTED BY THE ENGINEER.
13. USE GALVANIZED THREADED RODS AND HILTI HY-10 PLUS EPOXY OR APPROVED EQUAL TO ANCHOR INTO GROUTED CMU CELLS.

PAINTING CMU MASONRY AND CONCRETE:

- 1. MAINTAIN ENVIRONMENTAL CONDITIONS (TEMP, HUMIDITY, AND VENTILATION) WITHIN THE LIMITS RECOMMENDED BY THE MANUFACTURER FOR OPTIMUM RESULTS. DO NOT APPLY COATINGS UNDER ENVIRONMENTAL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS.
2. PRIOR TO APPLICATION ALLOW CONCRETE TO CURE A MINIMUM OF 30 DAYS. THE PH OF THE SURFACE SHOULD BE BETWEEN 6 AND 9.
3. SAND BLAST THE EXISTING COATING FROM THE WALLS. PREPARE SURFACE TO SSPC-SP13/NACE 6 OR ICRI 03732, CSP 1-3. SURFACES SHOULD BE THOROUGHLY CLEANED AND DRY. SURFACES MUST BE FREE OF LAITANCE, CONCRETE DUST, DIRT, FORM RELEASE AGENTS, MOISTURE CURING MEMBRANES, LOOSE CEMENT AND HARDENERS. FILL BUG HOLES, AIR POCKETS AND OTHER VOIDS WITH PATCHING COMPOUND.
4. COMPLY WITH ALL MANUFACTURER RECOMMENDATIONS.
5. MANUFACTURERS: SHERWIN WILLIAMS OR PPG PITTSBURGH PAINTS. REFERENCE SPECIFICATIONS FOR APPROVED PRODUCTS.

EXISTING CMU WALL CONDITION NOTES:

- 1. THE EXISTING CMU WALLS WERE REVIEWED FOR REINFORCEMENT AND GROUTED CELLS. IT WAS DETERMINED THAT THE MAJORITY OF THE STRUCTURE WAS UNREINFORCED AND NOT GROUTED BUT SOME GROUTED/REINFORCED AREAS WERE ENCOUNTERED AND SHOULD BE EXPECTED DURING CONSTRUCTION.
2. PRIOR TO INSTALLATION OF VERTICAL REINFORCEMENT OR BOND BEAM, CONTRACTOR IS TO REMOVE SELECT FACE SHELLS TO INSPECT CORES FOR EXISTING REINFORCEMENT AND GROUTED CELLS.
3. COORDINATE WITH ENGINEER IF REINFORCEMENT AND/OR GROUTED CELLS ARE ENCOUNTERED FOR DIRECTION.
4. IF THE CMU CELL IS GROUTED AND REINFORCED WITH #5 BARS AND IS APPROPRIATELY PLACED, THE CELL MAY REMAIN INTACT WITH APPROVAL FROM THE ENGINEER.
5. SHORING PLAN OR SEQUENCING BOND BEAM RE-CONSTRUCTION SHALL BE SUBMITTED FOR REVIEW.

PREPARATION FOR EXISTING GROUTED CELL:

- 1. EXISTING GROUT REMOVAL SHALL BE IN CONFORMANCE WITH ICRI 310.1R-CURRENT EDITION AND ACI 546R-CURRENT EDITION.
2. DUST AND MOISTURE PROTECTION SHALL BE PROVIDED AT AND BELOW THE LEVELS OF REPAIR.
3. REMOVE DEBRIS, DETERIORATED OR PARTIALLY GROUTED CELL AS NECESSARY W/15LB (MAX) CHIPPING HAMMER. ALL NECESSARY PRECAUTIONS MUST BE TAKEN TO AVOID MICRO CRACKING (BRUISING) OF THE UNITS. EXCAVATE 3" MINIMUM AROUND ALL REINFORCEMENT.
4. REMOVE GROUT AS NECESSARY IN REINFORCED CELLS TO ACQUIRE THE MINIMUM 48 BAR DIAMETER BAR LAP OR USE DAYTON BAR LOCK COUPLERS.
5. EXISTING EXPOSED STEEL REINFORCEMENT SHOULD BE THOROUGHLY PREPARED BY MECHANICAL CLEANING TO REMOVE ALL TRACES OF RUST. THE STEEL SHOULD BE HIGH-PRESSURE WASHED WITH CLEAN WATER AFTER MECHANICAL CLEANING.
6. REMOVE LOOSE, DETERIORATED, AND BOND INHIBITING MATERIALS FROM SURFACE. PREPARATION WORK SHALL BE DONE BY HIGH PRESSURE WATER BLAST, SHOT BLAST, OR OTHER APPROPRIATE MECHANICAL MEANS TO OBTAIN AN EXPOSED AGGREGATE SURFACE WITH A MINIMUM SURFACE PROFILE OF +/-1/8".

SHOTCRETE NOTES:

- PREPARATION:
1. REFERENCE "PREPARATION FOR EXISTING GROUTED CELL" THIS DRAWING FOR FURTHER INFORMATION.
2. CHIP AREAS TO BE REPAIRED TO REMOVE OFFSETS CAUSING ABRUPT CHANGES IN THICKNESS. DO NOT CUT REINFORCEMENT.
3. SATURATE SURFACE WITH CLEAN WATER. SUBSTRATE SHOULD BE SATURATE SURFACE DRY (SSD) WITH NO STANDING WATER DURING SHOOTING OPERATIONS.
INSPECTION:
1. INSPECT ALL SURFACES PRIOR TO APPLICATION OF SHOTCRETE TO INSURE PROPER PREPARATION AND SURFACE DRYING.
2. CONFORM TO THE MANUFACTURER'S PREPARATION INSTRUCTIONS.
REPAIR:
1. APPLICATION SHALL BE IN ACCORDANCE WITH ACI 506.2-CURRENT EDITION.
2. SHOTCRETE NOZZLEMAN SHALL BE ACI CERTIFIED.
3. INSTALL SHOTCRETE MATERIAL AS PER MANUFACTURER'S RECOMMENDATIONS. DO NOT EXCEED THE MAXIMUM THICKNESS SPECIFIED BY MANUFACTURER. DO NOT FEATHER EDGES.
4. SHOTCRETE OPERATIONS SHALL NOT OCCUR WHEN AMBIENT TEMPERATURE IS BELOW 40° F OR ABOVE 90° F.
5. CURING SHALL BE AS SPECIFIED BY MANUFACTURER AND AS PER ACI.
6. PROVIDE TROWEL FINISH SURFACE THAT IS FLUSH WITH THE EXISTING WALL WITH PARTICULAR ATTENTION TO THE EXPOSED INTERIOR FINISH.

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 OTHERWISE (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 CONCRETE NOTES AND DRAWINGS FOR ANCHOR BOLT INFORMATION, TYP.
6. PROVIDE ALL MISCELLANEOUS ANGLES, PLATES, ANCHOR BLOTS ETC., SHOWN ON ARCHITECTURAL DRAWINGS FOR SUPPORT OF BLOCKING, PARAPETS, FINISHES, ETC. COORDINATE WITH MISCELLANEOUS METAL FABRICATOR TO ENSURE COMPLETE COVERAGE OF ALL ITEMS.
7. ALL STEEL SHALL BE HOT-DIPPED GALVANIZED. APPLY 2 COATS OF COLD GALVANIZING ON ALL PUNCHED HOLES AND FIELD WELDS. ALL EXPOSED STEEL IN TOWER INTERIOR SHALL BE PRIMED AND PAINTED TO MATCH EXISTING.

PAINTING NEW & EXISTING STEEL:

- 1. MAINTAIN ENVIRONMENTAL CONDITIONS (TEMP, HUMIDITY, AND VENTILATION) WITHIN THE LIMITS RECOMMENDED BY THE MANUFACTURER FOR OPTIMUM RESULTS. DO NOT APPLY COATINGS UNDER ENVIRONMENTAL CONDITIONS OUTSIDE MANUFACTURER'S ABSOLUTE LIMITS.
2. APPLY 2 COATS OF COLD GALVANIZING ON ALL FIELD PUNCHED AND WELDS PRIOR TO PAINTING. FIELD PAINT ALL FIELD WELDED CONNECTIONS AND PUNCHED HOLES. PROVIDE THREE COAT SYSTEM ON ALL FIELD PAINTING.
3. OLD COATINGS SHOULD BE TESTED FOR LIFTING. IF LIFTING OCCURS, REMOVE THE LIFTED COATING. REMOVE ALL CRACKED AND PEELING PAINT.
4. PREP ALL EXPOSED STEEL TO SSPC-SP3. CLEAN STEEL REMOVE ALL RUST AND CORROSION. NOTIFY ENGINEER OF SEVER SECTION LOSS OF ELEMENTS.
5. PRIOR TO COATING ALL SURFACES MUST BE DRY, CLEAN, FREE OF OIL, GREASE, FORM RELEASE AGENTS, CURING COMPOUNDS, LAITANCE, OTHER FOREIGN MATTER AND BE STRUCTURALLY SOUND.
6. COMPLY WITH ALL MANUFACTURERS RECOMMENDATIONS.
7. PRIMER, INTERMEDIATE AND TOP COAT ARE TO BE DIFFERENT COLORS SO OWNER REPRESENTATIVE CAN CONFIRM THAT EACH COAT HAS BEEN APPLIED.
8. MANUFACTURER: SHERWIN WILLIAMS OR PPG PITTSBURGH PAINTS. REFERENCE SPECIFICATIONS FOR APPROVED PRODUCTS.
9. STEEL BEAMS, COLUMNS, AND MISC ITEMS.
A. 1ST COAT: EPOXY PRIMER
B. 2ND COAT: EPOXY COAT
C. 3RD COAT: POLYURETHANE TOP COAT

LINTEL SCHEDULE

- 1. THE FOLLOWING LINTELS SHALL BE USED FOR MASONRY OPENINGS, U.N.O. ON DRAWINGS:
MASONRY OPENING LINTEL SIZE
UP TO 3'-0" L 3 1/2 x3 1/2 x 5/16
3'-1" TO 4'-6" L 4 x 3 1/2 x 5/16 (LLV)
2. PROVIDE TWO ANGLES FOR MASONRY. REFERENCE SECTION 2/S6.
3. PROVIDE 4" OF BEARING AT EACH END OF ALL LINTELS.
4. ALL LINTELS SHALL BE HOT-DIPPED GALVANIZED AND FIELD PAINTED TO MATCH EXISTING INTERIOR FINISH.

ELEVATOR NOTES

- 1. THE INTENT IS FOR THE ELEVATOR TO REMAIN IN PLACE DURING CONSTRUCTION.
2. CONTRACTOR TO PROVIDE WOOD FRAMED/PLYWOOD AND PLASTIC PROTECTIONS OVER THE ELEVATOR WHEN WORKING ABOVE.
3. CONTRACTOR IS REQUIRED TO WORK WITH OWNERS ELEVATOR REPRESENTATIVE TO COORDINATE EXISTING MASONRY RAIL INSERTS AND MODIFICATIONS WITHIN THE EXISTING ELEVATOR SHAFT.
4. PROVIDE ALL NECESSARY DUST PROTECTIONS AROUND ELECTRICAL AND HYDRAULIC EQUIPMENT.

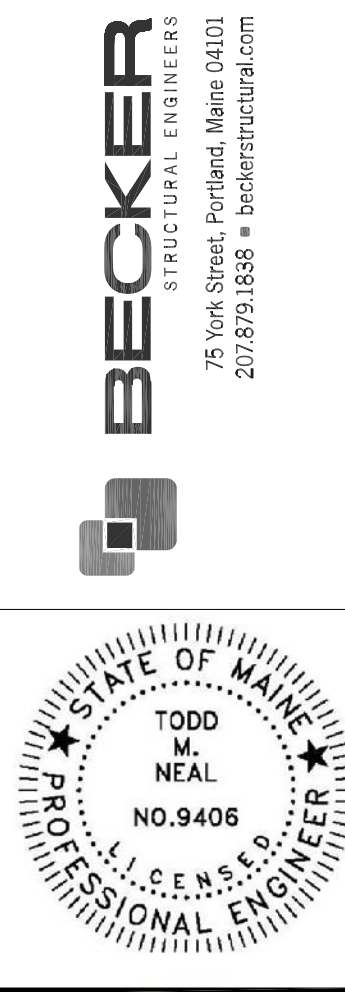


Table with columns: Approve, Issued For, Date, Rev No. Contains approval signature 'X' and date '11/10/15'.

CASCO BAY PARKING GARAGE STAIR/ELEVATOR TOWER RESTORATION PORTLAND, MAINE GENERAL NOTES

Table with columns: Designed, Drawn, Checked, Scope, Date, Becker Job Number. Values: JMM, AS NOTED, RJB, 11/10/15, JMM, 3604.

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