#### <u> 1.0 - GENERAL</u>

- 1.01 THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS REFER TO CIVIL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR LOCATION, DIMENSIONS, AND DETAILS OF OPENINGS, SLEEVES, EMBEDMENTS, INSERTS, PADS, CURBS, DEPRESSIONS, ANCHOR BOLTS, AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS.
- 1.02 THE CONTRACTOR IS RESPONSIBLE FOR CHECKING, COORDINATING AND VERIFYING ALL DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL IMMEDIATELY REPORT ANY DISCREPANCY TO THE ENGINEER AS A REQUEST FOR INFORMATION (RFI) BEFORE PROCEEDING WITH WORK.
- 1.03 THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING IN THE FIELD THE EXISTENCE AND LOCATION OF OVERHEAD, BURIED AND/OR EMBEDDED UTILITIES, AND DETERMINING LOCATIONS OF ALL EMBEDDED MECHANICAL, ELECTRICAL AND PLUMBING SYSTEMS
- 1.04 ALL WORK IS TO CONFORM WITH THE FOLLOWING CODES AND STANDARDS:
  - (A) "780 CMR: MASSACHUSETTS AMENDMENTS MASSACHUSETTS STATE BUILDING CODE" 10TH EDITION (MSBC)
  - (B) INTERNATIONAL BUILDING CODE, (IBC 2021)
  - (C) "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" AMERICAN CONCRETE INSTITUTE (ACI 318) (D) "MANUAL OF STEEL CONSTRUCTION" - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC 360)
  - (E) "STRUCTURAL WELDING CODE STEEL" AMERICAN WELDING SOCIETY (AWS D1.1)
  - (F) "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" AMERICAN SOCIETY OF CIVIL ENGINEERS, (ASCE 7-16)

#### FOR ADDITIONAL CODES AND STANDARDS REFER TO SPECIFICATIONS.

- 1.05 THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AND ENGINEER OF UNFORESEEN CONDITIONS THAT MAY BE UNCOVERED DURING DEMOLITION AND CONSTRUCTION AS A REQUEST FOR INFORMATION (RFI) BEFORE PROCEEDING WITH WORK.
- 1.06 PERMANENT DELEGATED STRUCTURAL ELEMENTS TO BE DESIGNED IN ACCORDANCE WITH PERFORMANCE SPECIFICATIONS INCLUDE. BUT ARE NOT LIMITED TO, THE FOLLOWING:
  - (A) MOSAIC GRANDE WALL SYSTEM OR APPROVED EQUAL (REFER TO ARCH. DWG)
  - (B) MISC. ARCH COMPONENT INCLUDING STAIRS, FENCE, GUARDRAILS (REFER TO ARCH. DWG)
  - FOR PERFORMANCE DESIGN REQUIREMENTS OF ELEMENTS LISTED ABOVE, REFER TO ADDITIONAL NOTES ON THESE SHEETS AND IN THE TECHNICAL SPECIFICATIONS. ALL DESIGN SUBMITTAL DRAWINGS AND CALCULATIONS SHALL BE CERTIFIED, SIGNED AND SEALED BY A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE OF MASSACHUSETTS.
- 1.07 DETAILS AND NOTES SHOWN ON STRUCTURAL DRAWINGS SHALL BE APPLICABLE TO ALL PARTS OF THE STRUCTURAL WORK EXCEPT WHERE SPECIFICALLY REQUIRED OTHERWISE BY CONTRACT DOCUMENTS. CONDITIONS NOT SPECIFICALLY SHOWN SHALL BE SIMILAR TO THOSE SHOWN FOR LIKE CONDITIONS AS DETERMINED BY THE ENGINEER.
- 1.09 IN ACCORDANCE WITH SPECIFICATION SECTION 01 45 23, TESTING AND INSPECTION OF STRUCTURAL WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE COSTS FOR TESTING AND INSPECTIONS WILL BE PAID BY THE CONTRACTOR. PROVIDE TEST RESULTS TO THE ENGINEER IN A TIMELY MANNER.
- 1.09 THE CONTRACTOR SHALL DESIGN AND PROVIDE ALL REQUIRED SHORING AND TEMPORARY BRACING TO RESIST FORCES ON THE STRUCTURE THROUGHOUT THE CONSTRUCTION PERIOD.

#### 2.0 - FOUNDATIONS

- 2.01 THE SUBSURFACE CONDITIONS DESCRIBED IN THE DRAWINGS, SPECIFICATIONS, TEST BORINGS AND TEST PITS ARE INCLUDED ONLY TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION AND REPRESENT CONDITIONS ONLY AT THESE SPECIFIC LOCATIONS AT THE TIME THEY ARE MADE.
- 2.02 THE CONTRACTOR SHALL DESIGN AND PROVIDE ALL TEMPORARY EARTH SUPPORT, SHORING AND BRACING REQUIRED TO PERFORM THE WORK IN ACCORDANCE WITH OSHA, STATE AND LOCAL REQUIREMENTS.
- 2.03 THE CONTRACTOR SHALL DESIGN AND PROVIDE SHEETING, SHORING, BRACING, AND/OR UNDERPINNING IN ORDER TO PROTECT EXISTING UTILITIES FROM EXCESSIVE MOVEMENTS DURING THE CONSTRUCTION PERIOD, IN ACCORDANCE WITH OSHA, STATE & LOCAL
- 2.04 THE CONTRACTOR SHALL CARRY OUT CONTINUOUS CONTROL OF SURFACE AND SUBSURFACE WATER. DEWATER ANY AREAS REQUIRING EXCAVATION IN ADVANCE OF PERFORMING EXCAVATION. MAINTAIN GROUNDWATER LEVELS AT LEAST 2 FEET BELOW
- 2.05 ALL SUBGRADES TO RECEIVE FILL MATERIALS, FOUNDATIONS, SLABS OR OTHER CONSTRUCTION SHALL BE FREE OF RUNNING OR STANDING WATER PRIOR TO PLACEMENT.
- 2.07 FOUNDATIONS SHALL BE INSTALLED IN THE GEOMETRY SHOWN IN THE PLANS, ANY ROCK ENCOUNTERED DURING EXCAVATION SHALL BE REMOVED TO CLEAR THE REQUIRED FOUNDATION GEOMETRY.
- 2.09 THE GEOTECHNICAL INVESTIGATION BORING LOG B-108, PREPARED BY STANTEC AND DATED 9/27/2021, IS PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR IS REQUIRED TO CONDUCT THEIR OWN GEOTECHNICAL EVALUATION AS PART OF THE DELEGATED BLOCK
- 2.10 WHEN COMPACTED STRUCTURAL FILL IS SPECIFIED, PROVIDE MATERIALS CONFORMING TO MassDOT GRAVEL BORROW M1.03.0

# 3.0 - CAST IN PLACE CONCRETE

WALL DESIGN.

- 3.01 CONCRETE WORK SHALL CONFORM TO "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318) AND
- "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS" (ACI 301).
- 3.02 CONCRETE SHALL BE CONTROLLED CONCRETE, PROPORTIONED, MIXED AND PLACED IN THE PRESENCE OF A REPRESENTATIVE OF AN APPROVED TESTING AGENCY.
- 3.03 UNLESS NOTED OTHERWISE, CONCRETE SHALL BE NORMAL WEIGHT AND HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:
  - (A) FOUNDATIONS, CURBS, SLAB: 4500 PSI
- 3.04 ALL PERMANENTLY EXPOSED VERTICAL AND HORIZONTAL CONCRETE SURFACES SHALL BE TREATED OR SEALED IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- 3.05 CONCRETE WORK SHALL BE COORDINATED WITH ALL ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL WORK, AND ALL EQUIPMENT. THE CONTRACTOR SHALL VERIFY INSTALLATION AND LOCATIONS OF ALL EMBEDDED ITEMS INCLUDING BUT NOT LIMITED TO INSERTS, ANCHOR BOLTS, DOWELS, BLOCKOUTS, SLEEVES, EMBEDDED PIPING, AND EMBEDDED CONDUIT PRIOR TO CONCRETE PLACEMENT.
- 3.06 FOR SLABS-ON-GRADE, PROVIDE JOINTS AT 20FT. MAX. SPACING. SUBMIT JOINT LOCATIONS AND DETAILS FOR APPROVAL.
- 3.07 SEALANT FOR CONTROL/CONTRACTION JOINTS AND SAW CUT JOINTS SHALL BE SIKADUR 51 MANUFACTURED BY SIKA OR AN
- 3.08 CONCRETE EXPOSED TO WEATHER (FREEZE-THAW CONDITIONS) IN THE FINISHED PROJECT SHALL BE AIR ENTRAINED PER SPECIFICATIONS REQUIREMENTS.
- 3.09 A MINIMUM OF 72 HOURS SHALL ELAPSE BETWEEN ADJACENT CONCRETE PLACEMENTS.
- 3.10 CONCRETE SLABS SHALL BE PLACED SO THAT THE SLAB THICKNESS IS AT NO POINT LESS THAN THAT INDICATED ON THE DRAWINGS.
- 3.11 PROVIDE A 3/4" CHAMFER ON ALL VERTICAL AND HORIZONTAL CORNERS EXPOSED TO VIEW UNLESS NOTED OTHERWISE
- 3.12 ALL CONCRETE SHALL BE WATER CURED UNLESS OTHERWISE AUTHORIZED BY THE ENGINEER.
- 3.13 NON-SHRINK, NON-METALLIC, GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 7,500 PSI (ASTM C942) AND A MINIMUM BOND STRENGTH OF 2,000 PSI AT 28-DAYS (ASTM C882). GROUT MAY BE EXTENDED WITH COARSE AGGREGATE PER THE MANUFACTURER'S RECOMMENDATIONS.
- WHEN NEW CONCRETE IS CAST AGAINST EXISTING CONCRETE SURFACES, UNLESS NOTED OTHERWISE, THE EXISTING CONCRETE SHALL BE ROUGHENED TO 1/4" AMPLITUDE, THOROUGHLY CLEANED BY POWER WASHING OR OTHER MEANS, AND BE A SATURATED SURFACE DRY CONDITION IMMEDIATELY PRIOR TO PLACING CONCRETE.

### 4.0 - CAST IN PLACE CONCRETE REINFORCEMENT

- 4.01 REINFORCEMENT DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO "ACI DETAILING MANUAL" SP-66, "CRSI MANUAL OF
- 4.02 STEEL REINFORCEMENT, UNLESS NOTED OTHERWISE, SHALL CONFORM TO THE FOLLOWING
  - (A) BARS, TIES, AND STIRRUPS\_\_\_ASTM A615 GRADE 60 (B) WELDED WIRE FABRIC \_\_\_ASTM A185, FLAT SHEETS
- 4.03 REINFORCING STEEL SHALL BE UNCOATED AND DEFORMED.
- 4.04 MINIMUM CONCRETE PROTECTIVE COVERING FOR REINFORCEMENT, UNLESS REQUIRED FOR FIRE PROTECTION OR NOTED OTHERWISE, SHALL BE AS FOLLOWS:
  - (A) CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: \_\_\_\_3" (B) CONCRETE EXPOSED TO EARTH OR WEATHER: (1) NO. 6 THRU NO. 18 BARS\_\_\_\_2" (2) NO. 5 BAR, W31 OR D31 WIRE AND SMALLER (C) SURFACES NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: (1) SLABS, WALLS, JOISTS:
  - (a) NO. 14 AND NO 18 BARS (b) NO. 11 BARS AND SMALLER\_\_\_2" (2) BEAMS, COLUMNS:

(b) TIES, STIRRUPS, SPIRALS

(a) PRIMARY REINFORCEMENT 2-1/2"

- 4.05 REINFORCING STEEL SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS, CORNERS, AND INTERSECTIONS UNLESS OTHERWISE NOTED. REINFORCING SHALL BE LAPPED AT NECESSARY SPLICES OR HOOKED AT DISCONTINUOUS ENDS, UNLESS
- 4.06 FOR REINFORCING STEEL SPLICE LAP LENGTHS REFER TO THE TABLE PROVIDED UNLESS OTHERWISE INDICATED.
- MECHANICAL SPLICES SHALL BE PERMITTED SUBJECT TO APPROVAL BY THE ENGINEER. MECHANICAL SPLICES SHALL DEVELOP AT LEAST 125 PERCENT OF THE SPECIFIED YIELD STRENGTH OF THE BAR. NO WELDED CONNECTIONS ARE PERMITTED.
- 4.08 WELDED WIRE FABRIC SHALL BE LAPPED (1) SQUARE PLUS (2) INCHES WHERE REQUIRED AND SHALL BE WIRED TOGETHER AT ALL LAPS. WWF SHALL BE SUPPORTED BY CHAIRS AND/OR CARRYING BARS PRIOR TO CONCRETE PLACEMENT.
- 4.09 REINFORCEMENT SHALL NOT BE TACK WELDED.
- 4.10 NOTIFY THE TESTING LAB AND ENGINEER A MINIMUM OF 48 HOURS PRIOR TO SCHEDULED CONCRETE PLACEMENT IN ORDER TO ACCOMMODATE INSPECTION OF REINFORCEMENT AND CONCRETE TESTING. NO CONCRETE SHALL BE PLACED WITHIN 48 HOURS OF SUCH NOTIFICATION.
- 4.11 WHERE REINFORCEMENT IS NOT SHOWN ON DRAWINGS, PROVIDE REINFORCEMENT IN ACCORDANCE WITH APPLICABLE DETAILS AS DETERMINED BY THE ARCHITECT AND ENGINEER. IN NO CASE SHALL REINFORCEMENT BE LESS THAN THE MINIMUM REINFORCEMENT PERMITTED BY THE CODES, NOR LESS THAN THE FOLLOWING:
  - (A) BEAM STIRRUPS: #3 @ 12"
  - (B) BEAM STIRRUP SUPPORTS: 1-#5 AT EACH STIRRUP BEND (C) FACE REINFORCEMENT IN BEAMS OR PORTIONS OF BEAMS #4 @ 12" E.F.
  - (D) STRUCTURAL SLABS: 0.0020 X GROSS CONCRETE AREA IN EACH DIRECTION
  - (E) CONCRETE WALLS: 0.0025 X GROSS CONCRETE AREA IN EACH DIRECTION
- 4.12 WHERE REINFORCEMENT IS REQUIRED IN SECTION, REINFORCEMENT IS CONSIDERED TYPICAL WHEREVER THE SECTIONS APPLIES.
- 4.13 DOWELS SHALL MATCH BAR SIZE, NUMBER AND SPACING, UNLESS NOTED OTHERWISE.

### 5.0 - POST INSTALLED CONCRETE ANCHORS AND REINFORCING DOWELS

- 5.01 ADHESIVE ANCHORS AND REINFORCING DOWELS SHALL BE HILTI HIT-HY-200 ADHESIVE ANCHORING SYSTEM OR APPROVED EQUAL
- 5.02 EXPANSION ANCHORS SHALL BE HILTI KWIK BOLT TZ EXPANSION ANCHORS OR APPROVED EQUAL.
- 5.03 INSTALL ANCHORS IN STRICT CONFORMANCE WITH THE MANUFACTURER'S REQUIREMENTS
- 5.04 HOLES SHALL BE THOROUGHLY CLEANED AND DRY PRIOR TO INSTALLING ANCHORS.
- 5.05 DO NOT DAMAGE EXISTING REINFORCING. LOCATE REINFORCING WITH PROFOMETER OR OTHER MEANS PRIOR TO DRILLING
- 5.06 ANCHORS INSTALLED OVERHEAD SHALL BE PROOF TESTED BY THE MANUFACTURER'S FIELD ENGINEER OR OTHER APPROVED AGENCY. PROOF TEST A MINIMUM OF 25% OF THE ANCHORS OR (2) TOTAL, WHICHEVER IS GREATER.
- 5.07 POST INSTALLED ANCHORS SHALL ONLY BE USED WHERE SHOWN IN STRUCTURAL DRAWINGS.

### 6.0 - DEMOLITION NOTE

- 6.01 THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE BRACING AND SHORING OF EXISTING STRUCTURES DURING DEMOLITION UNTIL THE WORK IS COMPLETED.
- 6.02 ALL EXISTING STRUCTURES MUST BE FIELD VERIFIED BY THE CONTRACTOR. NOTIFY THE DESIGN PROFESSIONALS OF ANY INCONSISTENCIES TO THE DRAWINGS.
- 6.03 THE CONTRACTOR SHALL DESIGN AND PROVIDE SHORING IN REQUIRED LOCATIONS TO ENSURE THE STABILITY OF THE EXISTING STRUCTURE AND ALL SURROUNDING STRUCTURAL COMPONENTS AFFECTED BY DEMOLITION. CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER LICENSED IN COMMONWEALTH OF MASSACHUSETTS TO DESIGN SHORING.
- 6.04 THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO ANY STRUCTURAL ELEMENTS WHICH ARE TO REMAIN AND THAT HAVE BEEN DAMAGED INCIDENTAL TO THE WORK, AT NO ADDITIONAL EXPENSE TO THE OWNER. ALL REPAIR WORK SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE COMMONWEALTH OF MASSACHUSETTS AND SUBMITTED TO THE EOR FOR REVIEW AND APPROVAL PRIOR TO COMMENCING REPAIR WORK.
- 6.05 THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR DEMOLITION AND REMOVAL OPERATIONS. PERFORM DEMOLITION AND REMOVAL OPERATIONS IN A CAREFUL AND ORDERLY MANNER TO PREVENT HAZARDS TO PERSONS, DAMAGE TO PROPERTY, AND CONTROLLING THE SPREAD OF DUST AND DEBRIS.
- 6.06 PRIOR TO THE START OF WORK, VERIFY THAT THE SCOPE OF DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS SHALL NOT DAMAGE, CUT OR DISRUPT SERVICE OF ANY MECHANICAL SYSTEM, ELECTRICAL SYSTEM OR UTILITY. ANY EXISTING UTILITIES LOCATED IN CONFLICT WITH PERFORMING THE WORK IN THE CONTRACT DRAWINGS SHALL BE REMOVED AND RESET BY A QUALIFIED PROFESSIONAL. CONTRACTOR SHALL NOTIFY OWNER OF ANY UTILITIES THAT NEED TO BE TEMPORARILY REMOVED FROM SERVICE PRIOR TO PERFORMING THE WORK.
- 6.07 THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF REMOVING DEMOLISHED MATERIALS FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS.

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Revision	ons:		
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COA:	
Seal:	

11/22/2024 Drawn By: Reviewed By: Approved By:

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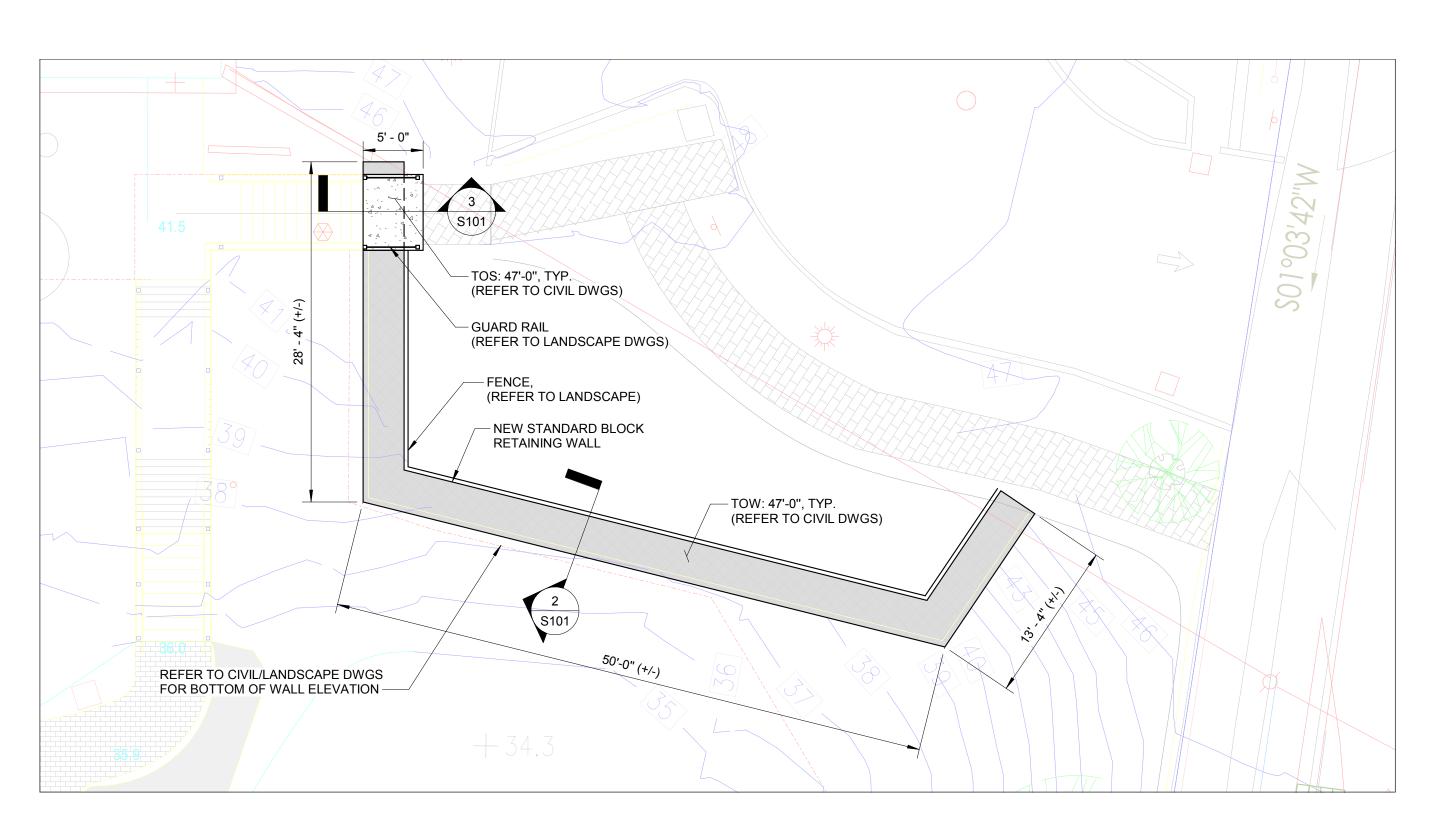
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**GENERAL NOTES** 

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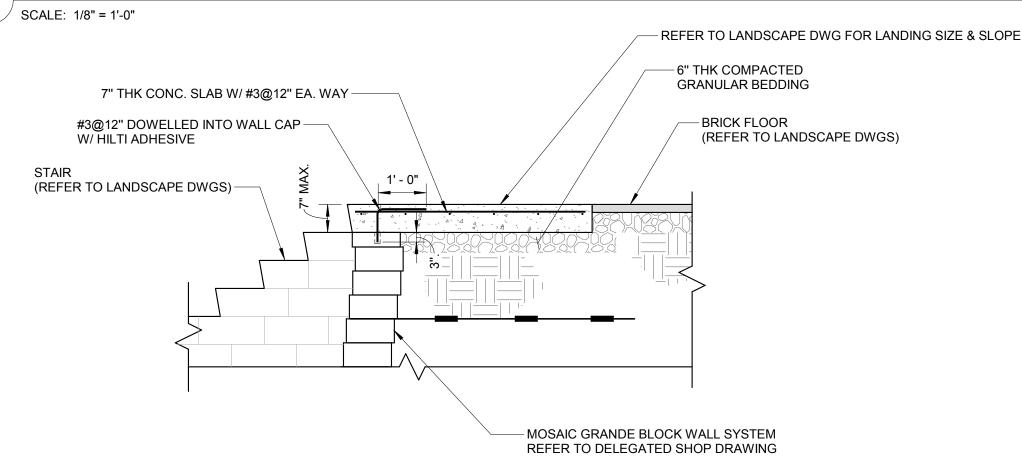
Key Plan:



### NOTES:

- 1. REFER TO CIVIL AND LANDSCAPE DRAWINGS FOR LAYOUT INFORMATION, RETAINING WALL DIMENSIONS, EXISTING GROUND ELEVATIONS, AND
- DEMOLITION EXTENT DETAILS OF THE EXISTING RETAINING WALL. 3. INSTALL DRAINAGE SYSTEMS PER THE CIVIL PLANS AND AS INDICATED IN THE BLOCK RETAINING WALL DETAILS TO ENSURE PROPER WATER
- MANAGEMENT BEHIND THE WALL. 4. COORDINATE ALL REQUIRED INSPECTIONS WITH THE ENGINEER DURING KEY CONSTRUCTION STAGES, INCLUDING BUT NOT LIMITED TO EXCAVATION,

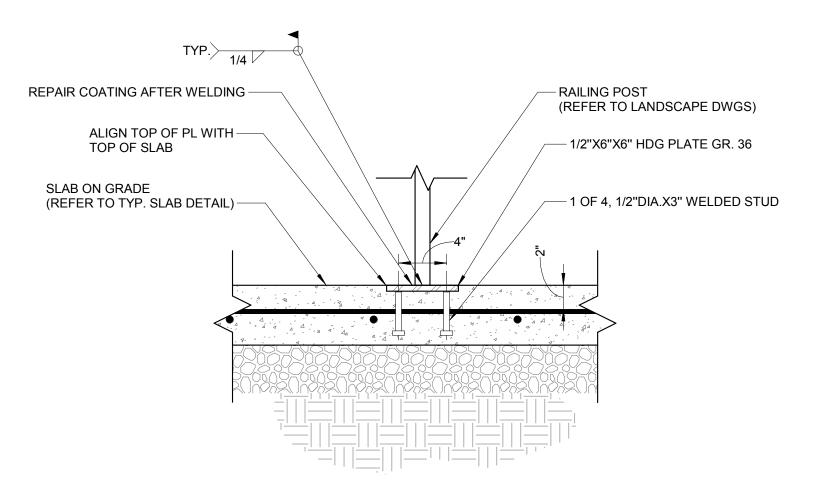




SECTION AT STAIR LANDING

DRAINAGE, AND BLOCK PLACEMENT.

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



TYPICAL RAIL POST SUPPORT ON CONC. SLAB

TYPICAL DETAIL FOR GUARDRAIL POST SUPPORT ON SUBBASE SCALE: 3/4" = 1'-0"

3. CONCRETE SHALL BE POURED INTO SONOTUBES TO THE SPECIFIED HEIGHT, WITH ADEQUATE

1. INSTALL SONOTUBE SUPPORTS AS PER THE MANUFACTURER'S GUIDELINES.

2. ENSURE SONOTUBES ARE PLACED VERTICALLY, WITH THE INDICATED DEPTH.

COMPACTION, PER MANUFACTURER'S INSTRUCTIONS.

NOTE:

(6) #4 VERT. BARS SPACED EVENLY -#3 CIRCULAR TIES — SONOTUBE, MINIMUM 12" DIA. - GUARDRAIL POST, MAXIMUM @ 6 FT C/C SPACING REFER TO LANDSCAPE DWGS FOR GUARDRAIL SIZE AND TYPE - 1/4" SLOPE 1' - 0" MIN.— - (3) - #3 TIES @ 1-1/2" O.C. - (6) #4 VERT. BARS -#3@12" O.C. TIES, TYP.

# - WAX COATED, WATER-RESISTANCE

- 1. THE DESIGN OF THE MOSAIC BLOCK WALL SHALL BE PERFORMED BY A LICENSED PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF MASSACHUSETTS. REFER TO THE ARCHITECTURAL DRAWINGS FOR BLOCK WALL REQUIREMENTS, INCLUDING TYPE, TEXTURE, AND FINISHES.
- 2. DESIGN CALCULATIONS AND SHOP DRAWINGS SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS,
- 3. THE DELEGATED ENGINEER SHALL SUBMIT SEALED CALCULATIONS, DETAILED SHOP DRAWINGS AND
- SPECIFICATIONS FOR ENGINEER REVIEW AND APPROVAL.
- 4. SHOP DRAWINGS SHALL INCLUDE WALL LAYOUT, BLOCK DETAILS, AND LEVELING PAD DESIGN.
- 5. THE DESIGN SHALL ACCOUNT FOR LATERAL EARTH PRESSURE, A MINIMUM OF 100 PSF SURCHARGE LIVE LOAD, AND FROST DEPTH REQUIREMENTS.
- 6. THE CONTRACTOR SHALL FIELD VERIFY THE WALL HEIGHT AND LENGTH AND NOTIFY THE ENGINEER OF RECORD OF ANY DISCREPANCIES WITH THE CONSTRUCTION DOCUMENTS.
- TO THE EOR.

FENCE POST, MAXIMUM 8 FT C/C SPACING (REFER TO LANDSCAPE DWGS) ALIGN TOP OF SLEEVE WITH -SLEEVE-IT SD-1 (12" DIA. X 24" DEEP) W/ FILLED BOTTOM OF WALL CAP CONCRETE OR APPROVED EQUAL (REFER TO DELEGATED DESIGN SHOP DRAWING) CAP UNIT W/ ADHESIVE (REFER TO DELEGATED DESIGN -SHOP DRAWINGS) - 12" DEEP IMPERVIOUS FILL REFER TO LANDSCAPE DRAWINGS CUT GEOGRID AROUND SLEEVE — 12" THK MIN. DRAINAGE AGGREGATE WRAPPED IN GEOTEXTILE FABRIC STRUCTURAL FILL COMPACTED TO 95% OF MAXIMUM MODIFIED PROCTOR DENSITY VERSA-LOK MOSAIC GRANDE WALL SYSTEM OR APPROVED EQUAL (REFER TO DELEGATED GEOSYNTHETIC REINFORCEMENT (REFER TO DELEGATED SHOP DRAWING DESIGN SHOP DRAWINGS) FOR LENGTH, TYPE AND SPACING) 8.5 DEG. WALL BATTER FROM VERTICAL — (REFER TO DELEGATED DESIGN SHOP DRAWINGS) 4" DIA. MIN. PIPE THRU WALL (SPACING AS INDICATED ON DELEGATED DESIGN SHOP DRAWING) -4" DIA. MIN. PERFORATED DRAIN PIPE OUTLET AT END OF WALL. PROVIDE 1/8"/1FT SLOPE TO DRAIN (REFER TO DELEGATED DESIGN SHOP DRWAING) COMPACTED STRUCTURAL FILL LEAN CONCRETE OR GRANULAR LEVELING (REFER TO DELEGATED SHOP DRAWING)

TYPICAL SECTION AT MOSAIC GRANDE WALL SYSTEM

UNDISTURBER SOIL

FIBERBOARD SONOTUBE WITH FULL CONCRETE INFILL 6" COMPACED STONE BEDDING

# DELEGATED DESIGN NOTES FOR MOSAIC BLOCK WALL SYSTEM:

- INCLUDING THE MASSACHUSETTS BUILDING CODE 10TH EDITION.

- 7. DRAINAGE PROVISIONS SHALL BE INCLUDED TO PREVENT WATER ACCUMULATION BEHIND THE WALL.
- 8. CONSTRUCTION SHALL FOLLOW APPROVED SHOP DRAWINGS, AND ANY SITE CHANGES SHALL BE REPORTED
- 9. ALL CONSTRUCTION WORK SHALL ADHERE TO MANUFACTURER GUIDELINES AND SPECIFICATIONS.

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Description

**BID SET** 

Scale: As indicated

Key Plan:

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