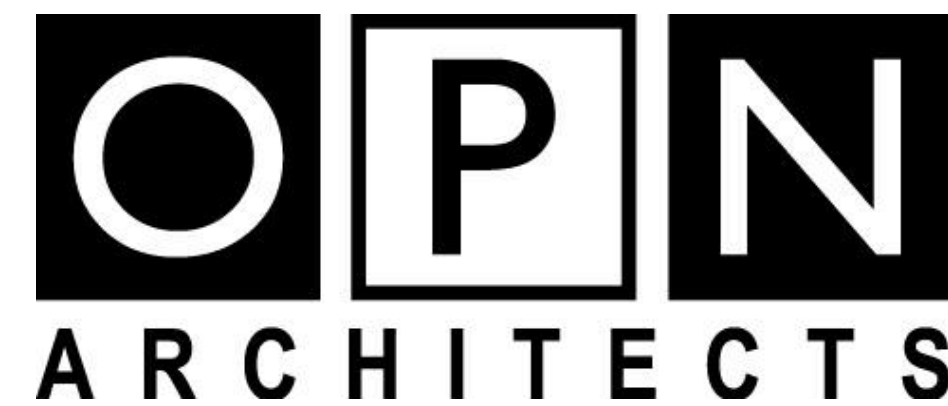




9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

ARCHITECTURAL DRAWINGS

SHEET NUMBER	SHEET NAME
A000	GENERAL DRAWING INFORMATION
A001	SITE ACCESS PLAN
S001	STRUCTURAL NOTES
S101	FOUNDATION AND FRAMING PLANS
S201	STRUCTURAL DETAILS
A100	BASEMENT LEVEL
A101	FIRST LEVEL
A201	ELEVATIONS
A301	SECTIONS
A302	RETAINING WALL
A801	MARBLE FINISH PLAN



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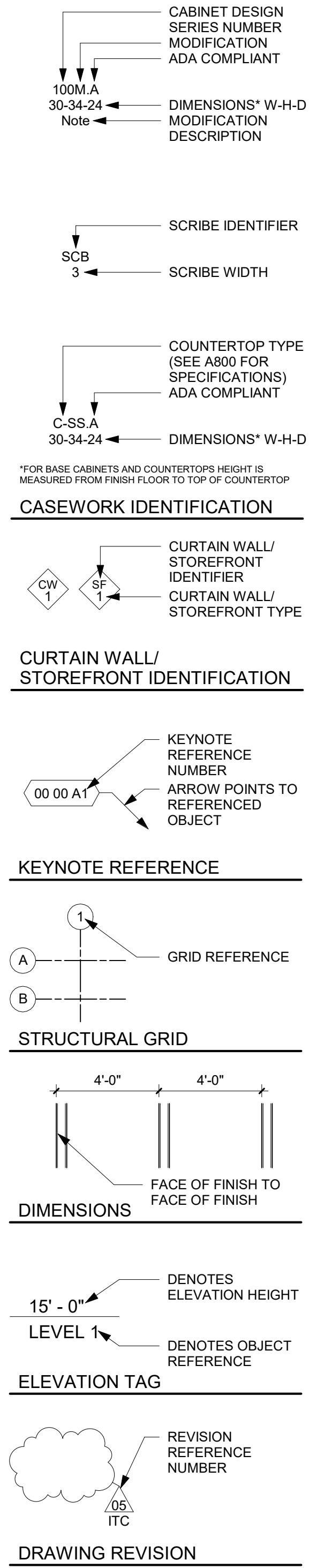
	<p>I hereby certify these plans and specifications were prepared by me or under my direct personal supervision and that I am a duly licensed professional architect under the laws of the state of Iowa.</p> <p>Signature: </p> <p>Name: Richard S. Seely, AIA</p> <p>Iowa Registration No: 2981 Renewal Date: 6/30/2025</p> <p>Sheets covered by this seal: Listed As "Architectural"</p>
	<p>I hereby certify this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed professional engineer under the laws of the state of Iowa.</p> <p>Signature: </p> <p>Name: Brad Hill, PE</p> <p>Iowa Registration No: 19593 Renewal Date: 12/31/2024</p> <p>Sheets covered by this seal: Listed As "Structural"</p>

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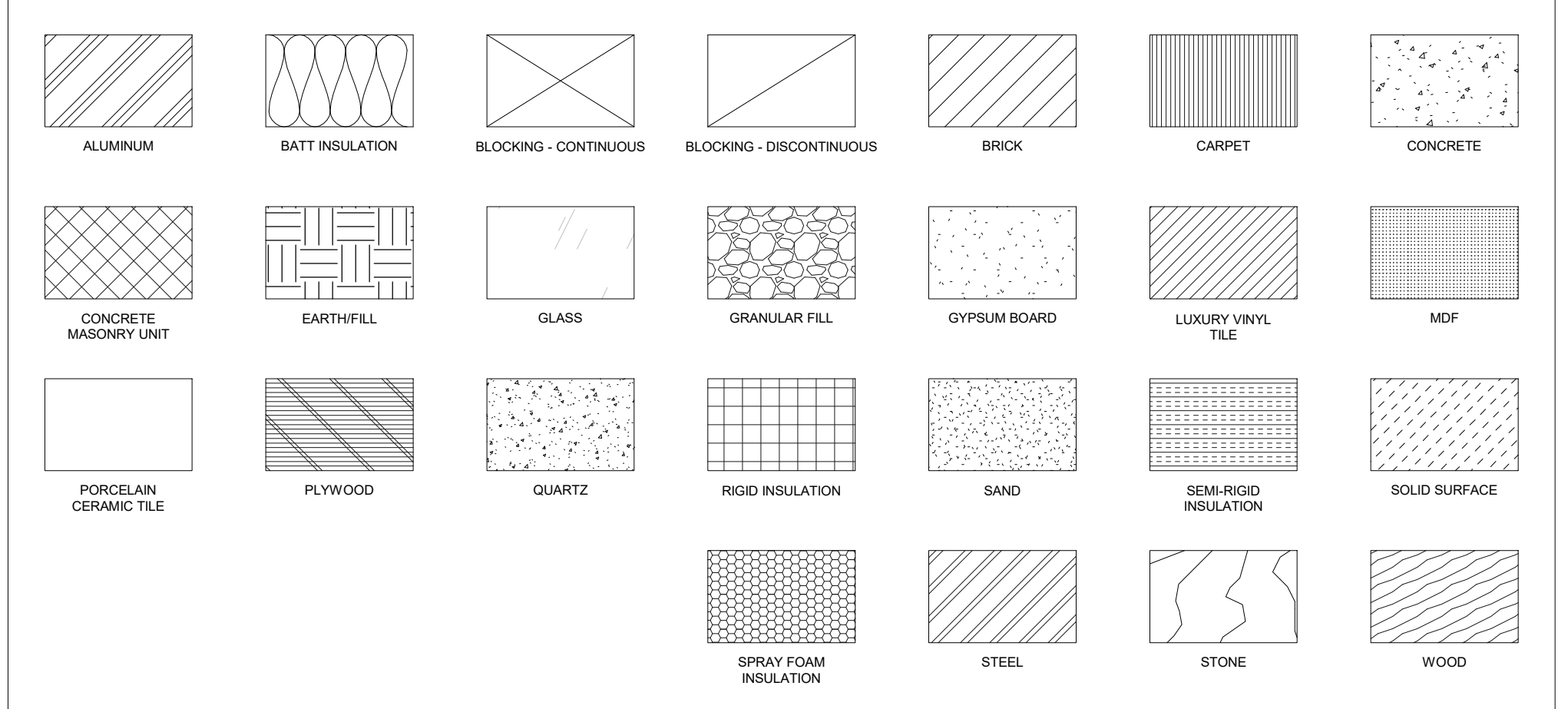
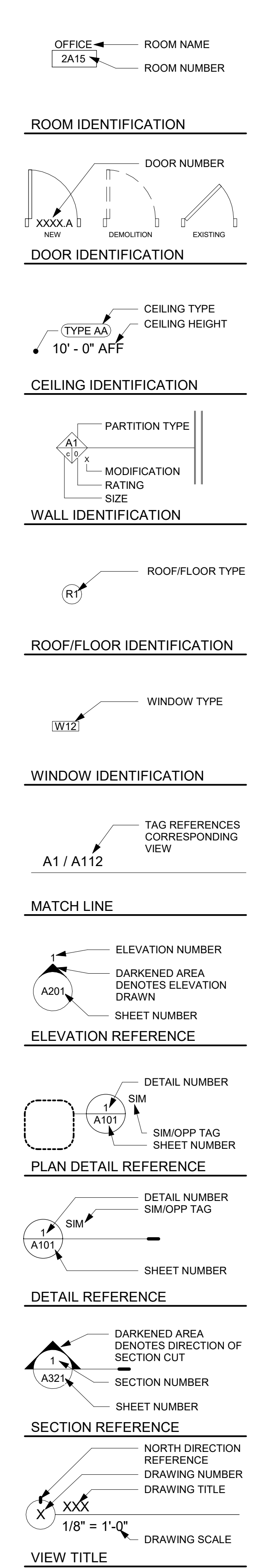
STANDARD ABBREVIATIONS

- # NUMBER
- ACM ALUMINUM COMPOSITE METAL PANEL
- ACP ACOUSTICAL CEILING PANEL
- AFF ABOVE FINISH FLOOR
- AWP ACOUSTIC WALL PANEL
- BAS BUILDING AUTOMATION SYSTEM
- BC BOTTOM OF CURB
- BM BENCH MARK
- BOC BACK OF CURB
- BOS BOTTOM OF STEEL
- BOW BOTTOM OF WALL
- BR BUMPER GUARD/BUMPER RAIL
- BRG BEARING
- BS BOTTOM OF STAIR
- C CHANNEL
- CC CUBICLE CURTAIN
- CFCI CONTRACTOR FURNISHED CONTRACTOR INSTALLED
- CG CORNER GUARD
- CIP CAST-IN-PLACE
- CJ CONTROL JOINT
- CK CORK FLOORING
- CL CENTER LINE
- CLG CEILING
- CLL CONSTRUCTION LIMITS LINE
- CMU CONCRETE MASONRY UNIT
- CO CLEANOUT
- CONC CONCRETE
- CONT CONTINUOUS
- CPT CARPET
- CRK CORK
- DEMO DEMOLISH / DEMOLITION
- DF DRINKING FOUNTAIN
- DIA DIAMETER
- DN DOWN
- DS DOWNSPOUT
- EC ELECTRICAL CONTRACTOR
- EIFS EXTERIOR INSULATION FINISH SYSTEM
- EJ EXPANSION JOINT
- ELEC ELECTRICAL
- ELEV ELEVATION
- EPF EPOXY FLOORING
- EPT EPOXY PAINT
- EQ EQUAL
- EWC ELECTRIC WATER COOLER
- EX EXISTING
- FAF FLUID APPLIED FLOORING
- FD FLOOR DRAIN
- FF FACTORY FINISH
- FFE FINISHED FLOOR ELEVATION
- FOC FACE OF CURB
- FOF FACE OF FINISH
- FOG FACE OF GLAZING
- FRP FIBER REINFORCED PANEL
- GA GAUGE
- GALV GALVANIZED
- GC GENERAL CONTRACTOR
- GHM GALVANIZED HOLLOW METAL
- GL GLASS
- GT GROUT
- GWB GYPSUM WALL BOARD
- GYP GYPSUM
- HORZ HORIZONTAL
- HM HOLLOW METAL
- HT HEIGHT
- HVAC HEATING/VENTING/AIR CONDITIONING
- ID INSIDE DIAMETER
- L ANGLE
- LB/LBS POUND / POUNDS
- LVT LUXURY VINYL TILE
- MAX MAXIMUM
- MB MARKERBOARD
- MC MECHANICAL CONTRACTOR
- MDF MEDIUM DENSITY FIBERBOARD
- MFR MANUFACTURERS
- MH MANHOLE
- MIL MIL THICKNESS
- MIN MINIMUM
- MO MASONRY OPENING
- NIC NOT IN CONTRACT
- NTS NOT TO SCALE
- OC ON CENTER
- OA OVERALL
- OD OUTSIDE DIAMETER
- ODI OWNER FURNISHED CONTRACTOR INSTALLED
- OFOI OWNER FURNISHED OWNER INSTALLED
- OH OVERHEAD
- ORD OVERFLOW ROOF DRAIN
- OTS OPEN TO STRUCTURE
- PCT PORCELAIN CERAMIC TILE
- PL PLATE
- PLAM PLASTIC LAMINATE
- PP POLYMER PANEL
- PVC POLY VINYL CHLORIDE
- PT PAINT
- QT QUARTZ
- RAD RADIUS
- RAF RESILIENT ATHLETIC FLOORING
- RB RESILIENT BASE
- RD ROOF DRAIN
- REX RESIN
- REV REVISION
- RO ROUGH OPENING
- ROW RIGHT-OF-WAY
- RSF RESILIENT SHEET FLOORING
- RST RESILIENT STAIR TREAD
- RTF RESILIENT TILE FLOORING
- RUB RUBBER
- SC SEALED CONCRETE
- SF SQUARE FEET
- SIM SIMILAR
- SS SOLID SURFACE
- STN STONE
- STL STAINLESS STEEL
- SUSP SUSPENDED
- T TILE
- T&G TONGUE AND GROOVE
- TG TEMPERED GLASS
- TOC TOP OF CURB
- TOM TOP OF MASONRY
- TOS TOP OF SLAB / TOP OF STEEL
- TOW TOP OF WALL
- TP TOILET PARTITION
- TPF TACKABLE PANEL FABRIC
- TRZ TERRAZZO
- TS TOP OF STAIR
- TYP TYPICAL
- UL UNDERWRITERS LABORATORIES, INC.
- UNO UNLESS NOTED OTHERWISE
- VERT VERTICAL
- VIF VERIFY IN FIELD
- WB WALL BASE
- WC WALL COVERING
- WI WITH
- W/O WITHOUT
- WD WOOD
- WGH WALLGUARD HANDRAIL
- WM WALK-OFF MAT
- WFP WALL PROTECTION
- WT WINDOW TREATMENT
- WWF WELDED WIRE FABRIC

STANDARD SYMBOLS



STANDARD SYMBOLS



GENERAL INFORMATION - STANDARD ARCHITECTURAL MATERIAL DEFINITIONS



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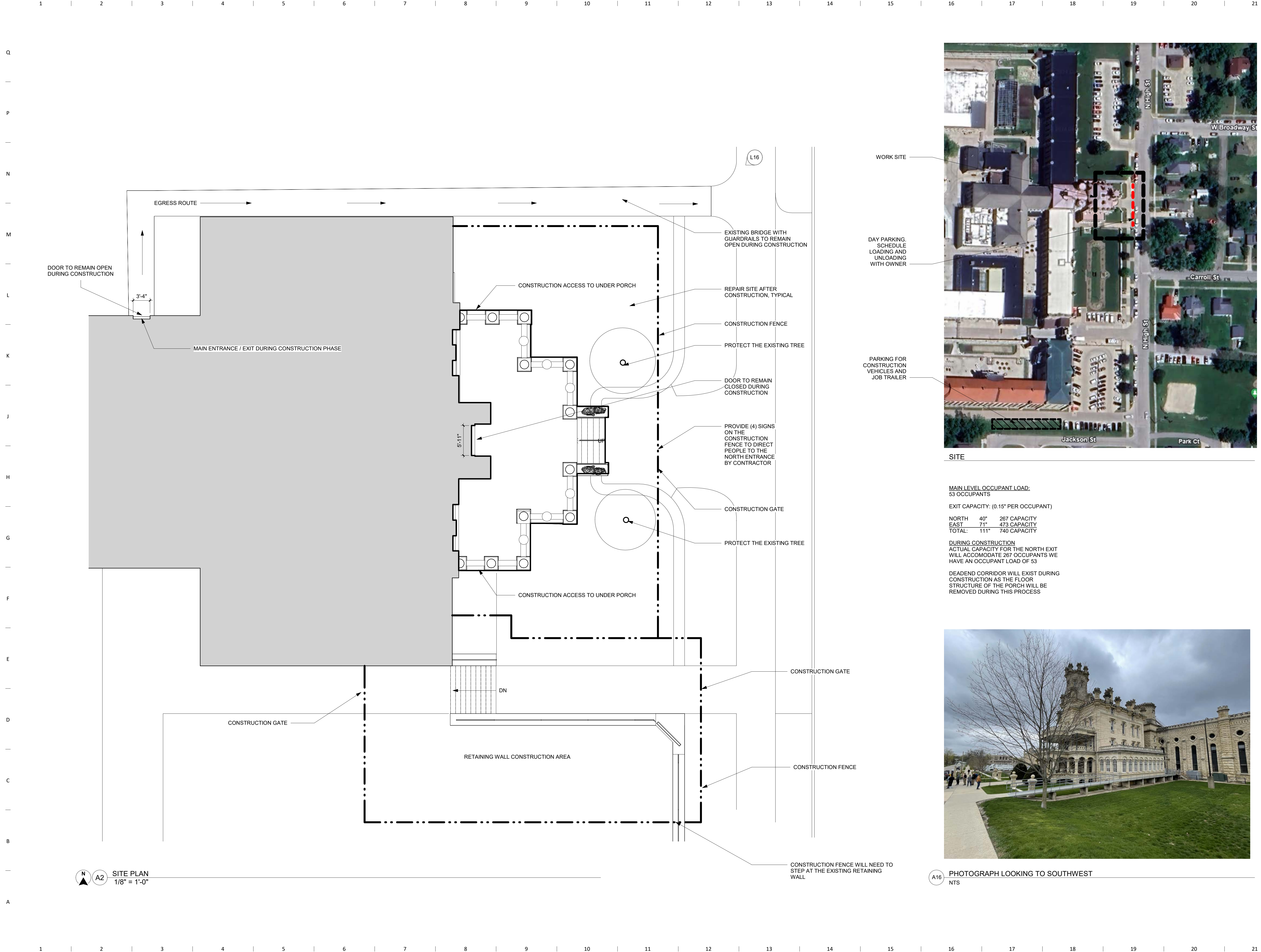
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Revision Description Date



SITE

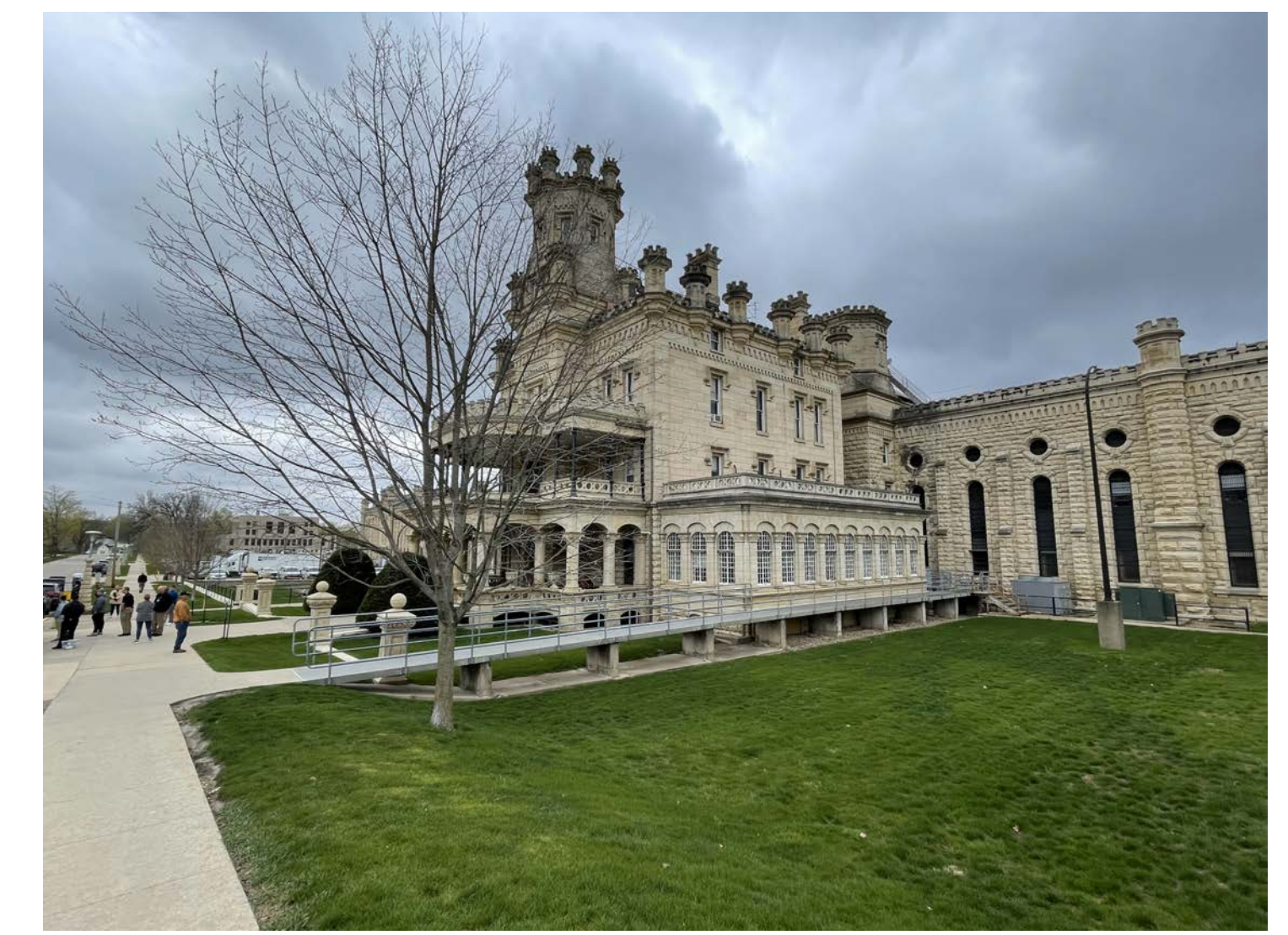
MAIN LEVEL OCCUPANT LOAD:
53 OCCUPANTS

EXIT CAPACITY: (0.15" PER OCCUPANT)

NORTH	40"	267 CAPACITY
EAST	71"	473 CAPACITY
TOTAL:	111"	740 CAPACITY

DURING CONSTRUCTION
ACTUAL CAPACITY FOR THE NORTH EXIT WILL ACCOMODATE 267 OCCUPANTS WE HAVE AN OCCUPANT LOAD OF 53

DEADEND CORRIDOR WILL EXIST DURING CONSTRUCTION AS THE FLOOR STRUCTURE OF THE PORCH WILL BE REMOVED DURING THIS PROCESS



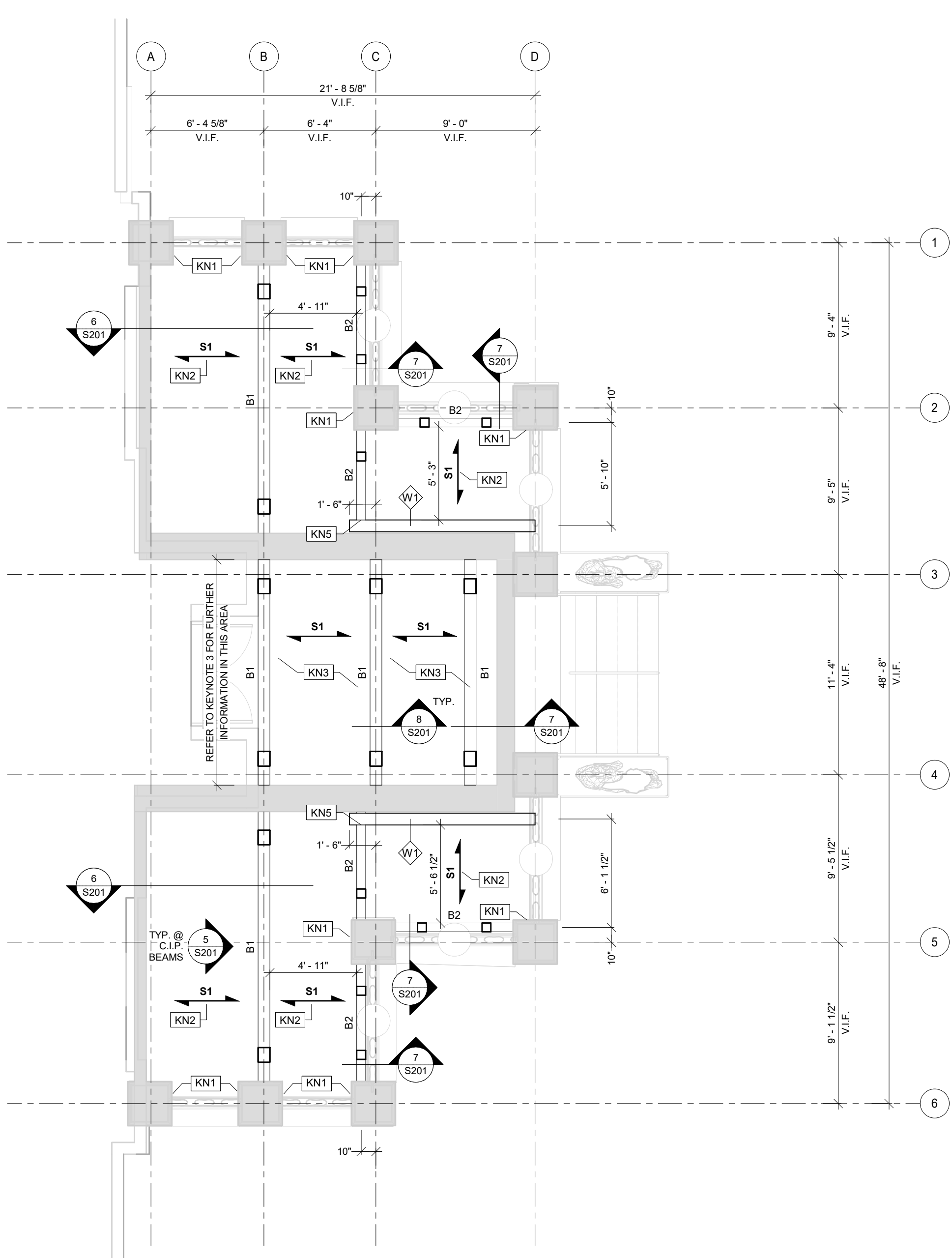
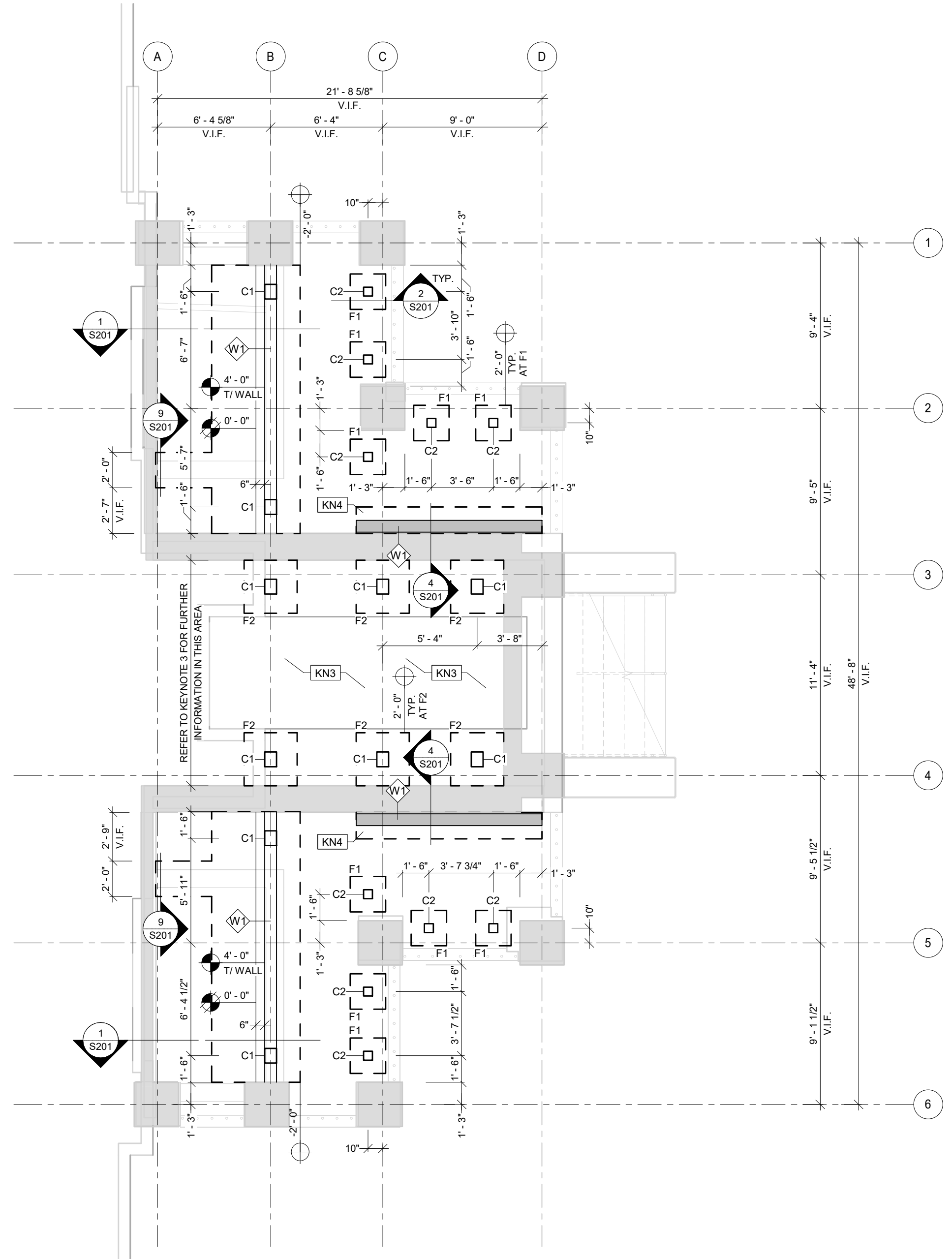
A16 PHOTOGRAPH LOOKING TO SOUTHWEST NTS

N A2 SITE PLAN 1/8" = 1'-0"

Revision	Description	Date
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
DP	DESIGN PARAMETERS			DN	CONCRETE NOTES			SP	SPECIAL INSPECTION											
DP1	THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE ICC INTERNATIONAL BUILDING CODE, 2018 EDITION.			DN1	CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE IBC.			SP1	SPECIAL INSPECTION PROGRAM SHALL CONFORM TO CHAPTER 17 OF THE IBC.											
DP2	UNIFORM LIVE LOADS: TYPICAL @ PORCH	100 PSF		DN2	WHERE NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE, THE EXISTING CONCRETE SURFACE SHALL BE CLEANED AND ROUGHENED TO A MINIMUM OF 1/4" AMPLITUDE.			SP2	THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR TO PERFORM THE REQUIRED TESTS AND SPECIAL INSPECTIONS WITH QUALIFICATIONS DESCRIBED PER IBC CHAPTER 17 AND THE PROJECT SPECIFICATIONS.											
DP3	ALLOWABLE FRAMING DEFLECTIONS: FLOOR LIVE LOAD FLOOR TOTAL LOAD	L/360 L/240		DN3	ALL EXPOSED EDGES OF CONCRETE MEMBERS SHALL BE CHAMFERED 3/4" U.N.O.			SP3	SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND CONTRACTOR.											
DP4	ASSUMED FUTURE CONSTRUCTION: VERTICAL HORIZONTAL	NONE NONE		DN4	CONCRETE FORMWORK: CN4.1 SLEEVES, OPENINGS, CONDUIT, AND OTHER EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO POURING CONCRETE. CONDUITS EMBEDDED IN SLABS SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE THIRD OF THE THICKNESS OF THE SLAB AND SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS ON CENTER.			SP4	SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.											
SU	SUBMITTALS			DN4.2	VERIFY ALL BLOCK OUTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS PRIOR TO POURING.			SP5	SPECIAL INSPECTION PROGRAM:											
SU1	GENERAL CONTRACTOR TO PROVIDE A SHOP DRAWING SUBMITTAL, LOG ITEMIZING ALL PROPOSED SUBMITTALS FOR APPROVAL BY STRUCTURAL ENGINEER OF RECORD.			DN5	CONCRETE REINFORCEMENT: CN5.1 DETAILING, FABRICATION, AND PLACEMENT OF REINFORCEMENT SHALL CONFORM TO ACI-315.															
SU2	ALL SHOP DRAWINGS SHALL BE CHECKED BY THE FABRICATOR AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. SHOP DRAWING REVIEW BY ENGINEER IS LIMITED TO VERIFYING GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES FROM THE CONTRACT DOCUMENTS, DIMENSIONAL ERRORS, COORDINATION ERRORS, OR OMISSIONS IN SHOP DRAWINGS.			DN5.2	ALL REINFORCEMENT TO BE ASTM A615 GRADE 60 U.N.O. WELDED WIRE FABRIC TO BE ASTM A186 WITH WIRE CONFORMING TO ASTM A201 REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE USING #16 ANNEALED IRON WIRE. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS, U.N.O.															
SU3	SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION REGARDING ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING: • CONCRETE MIX DESIGNS (5 DAYS BEFORE POUR, MIN.) • CONCRETE REINFORCEMENT			DN5.3	ALL CONTINUOUS REINFORCING SHALL BE SPICED USING CLASS B TENSION SPLICES, U.N.O.															
SU4	SHOP DRAWINGS SHALL INCLUDE CONNECTIONS AS WELL AS SIZE, SPACING, AND GRADE OF ALL MEMBERS, PLANS AND ANY DETAILING NECESSARY FOR DETERMINING FIT AND PLACEMENT SHALL ALSO BE INCLUDED.			DN5.4	BARS IN BEAMS AND SLABS SHALL BE SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STANDARD PRACTICE, MSP-1.															
SU5	IF SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER REGISTERED IN THE APPROPRIATE STATE. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ARE SUBJECT TO REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.			DN5.5	CONTINUE HORIZONTAL WALL BARS THROUGH PILASTERS, COLUMNS, INTERSECTING WALLS AND INTERSECTING FOUNDATIONS. REFER TO TYPICAL DETAILS FOR LAYOUT OF CORNER BARS AND BARS IN SMALL WALL SECTIONS. SLAB BARS SHALL BE HOOKED INTO WALLS OR HOOKED DOWELS SHALL BE PROVIDED TO MATCH SLAB REINFORCING. PROVIDE HOOKED DOWELS FROM FOOTINGS TO MATCH VERTICAL WALL REINFORCING.															
SU6	ITEMS THAT ARE DESIGNED BY THE CONTRACTOR SHALL BE DESIGNED TO RESIST THE LIVE LOADS INDICATED IN STRUCTURAL NOTES, DEAD LOAD, SELF WEIGHT, ANY ADDITIONAL LOADING INDICATED ON PLANS AND DETAILS, SNOW DRIFT, AND A NET WIND UPLIFT.			DN5.6	ADD TWO DIAGONAL #5 BARS, FOUR FEET LONG, CENTERED, AT EACH CORNER OF FOUNDATION OR SLAB OPENING, U.N.O.															
SU7	ITEMS THAT ARE DESIGNED BY THE CONTRACTOR SHALL INCLUDE ANY RELEVANT TECHNICAL LITERATURE FROM MANUFACTURER, ALSO PROVIDE A CERTIFICATION FROM THE MANUFACTURER SHOWING THE PRODUCT IS IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.			DN5.7	U.N.O. INSTALL W/WF 1/2" FROM TOP OF ALL SLABS ON GRADE, TOPPING SLABS ON DECK, OR TOPPING SLABS ON PRECAST LAP JOINTS TWO FULL MESHES BUT NOT LESS THAN 8" AT CONSTRUCTION JOINTS, LOCATE W/WF AT MID DEPTH OF THE SLAB.															
SU8	FIELD ENGINEERED DETAILS DEVELOPED BY THE CONTRACTOR THAT DIFFER FROM OR ADD TO THE STRUCTURAL DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER REGISTERED IN THE APPROPRIATE STATE AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO CONSTRUCTION.			DN6	COVERAGE FOR REINFORCEMENT: CN6.1 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3" CN6.2 CONCRETE EXPOSED TO EARTH AND WEATHER, 2" #6 THRU #18 BARS #6 BAR, W/31 OR D31 WIRE 1 1/2" AND SMALLER CN6.3 CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: SLABS, WALLS, JOISTS: #14 AND #16 1/2" #11 BAR AND SMALLER 3/4" BEAMS, COLUMNS: PRIMARY REINFORCEMENT, 1 1/2"															
FP	FOUNDATION PARAMETERS			DN7	CONCRETE COMPRESSIVE STRENGTHS SHALL BE VERIFIED BY STANDARD SIZE AND BOTTOM ELEVATIONS OF FOOTINGS HAVE BEEN ESTABLISHED BASED ON THE ASSUMED MINIMUM ALLOWABLE BEARING PRESSURE OF 1500 PSF AS SHOWN IN IBC TABLE 1906.2. AS EXCAVATION PROGRESSES UNANTICIPATED SOIL CONDITIONS MAY REQUIRE CHANGES. CONTACT STRUCTURAL ENGINEER OF RECORD FOR EVALUATION OF THESE CHANGES.															
FP1	ALLOWABLE SOIL BEARING PRESSURE CONTINUOUS FOOTINGS 1500 PSF SQUARE FOOTINGS 1500 PSF			DN8	SPECIAL INSPECTOR SHALL BE NOTIFIED IF ANY WATER IS TO BE ADDED IN FIELD.															
FP2	MINIMUM FOOTING DEPTH FOR FROST PROTECTION (BELOW FINISHED GRADE) 42 IN.			DN9	CONCRETE FOUNDATIONS: CN9.1 ALL FOUNDATION EXCAVATIONS MUST BE REVIEWED AND APPROVED BY THE SOILS ENGINEER PRIOR TO PLACEMENT OF CONCRETE.															
FP3	DESIGN EARTH PRESSURES: ACTIVE 35 PCF PASSIVE 260 PCF AT REST 60 PCF			DN9.2	ACCURATELY SET AND SECURELY SUPPORT REINFORCING, DOWELS AND ANCHOR BOLTS PRIOR TO PLACEMENT OF CONCRETE. WET STICKING OR FLOATING OF REINFORCING, DOWELS AND ANCHOR RODS IS NOT ALLOWED.															
FP4	TYPICAL STRUCTURAL ABBREVIATIONS (PERIODS w/ ABBREVIATIONS MAY BE OMITTED WITHOUT CHANGING MEANING).			DN9.3	PROVIDE CONSTRUCTION JOINTS, INSERTS, SLEEVES, DOWELS, ANCHORS, ETC., AS SHOWN. ITEMS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND ACCORDING TO USUAL ACCEPTED STANDARDS OF THE TRADE. ANCHOR RODS PER ASTM F1554 AS SHOWN.															
J	AND AT ANCHOR BOLT AMERICAN CONCRETE INSTITUTE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL AMERICAN INSTITUTE OF STEEL CONSTRUCTION AMERICAN SOCIETY FOR TESTING AND MATERIALS ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN9.4	LOCATE FOUNDATION COLD JOINTS AT EXPANSION JOINTS IN MASONRY VENEER WHEN POSSIBLE.															
K	ALLOWABLE SOIL BEARING PRESSURE CONTINUOUS FOOTINGS 1500 PSF SQUARE FOOTINGS 1500 PSF			DN9.5	REINFORCING SHOWN ON DETAILS IS THE REQUIRED MINIMUM AT CONTRACTOR'S OPTION AND EXPENSE. ADDITIONAL REINFORCING MAY BE PERMITTED TO ASSIST IN EASE OF CONSTRUCTIBILITY ADDITIONAL REINFORCING MUST BE SUBMITTED FOR REVIEW ON SHOP DRAWINGS.															
K	MINIMUM FOOTING DEPTH FOR FROST PROTECTION (BELOW FINISHED GRADE) 42 IN.			DN10	PROVIDE MINIMUM 6000 PSI NON-SHRINK, NON-METALLIC GROUT UNDER COLUMN BASE PLATES. GROUT SHALL NOT CONTAIN GYPSUM. COLUMN BASES TO BE GROUTED BEFORE PLACEMENT OF CONCRETE TOPPING ON STEEL FORMS.															
J	TYPICAL STRUCTURAL ABBREVIATIONS (PERIODS w/ ABBREVIATIONS MAY BE OMITTED WITHOUT CHANGING MEANING).			DN11	SLAB CONTROL JOINTS: CN12.1 PROVIDE SLAB CONTROL JOINTS FOR THE FOLLOWING, U.N.O.: -SLAB 10' ± 2'															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN11.2	PROVIDE SLAB CONTROL JOINTS ON GRID LINE WHERE PRACTICAL. CN12.3 MAINTAIN A SLAB CONTROL JOINT ASPECT RATIO OF APPROXIMATELY 1:1.															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN12	PROVIDE VERTICAL WALL JOINTS AS FOLLOWS, U.N.O.: CN13.1 WALLS TALLER THAN 12' H (H = WALL HEIGHT) CN13.2 WALLS 8' - 12' 2'H CN13.3 WALLS SHORTER THAN 8' 3'H CN13.4 PROVIDE WALL JOINT WITHIN 10' OF ALL CORNERS AND IN LINE WITH EDGES OF ALL WALL OPENINGS CN13.5 MAXIMUM WALL JOINT SPACING SHALL NOT EXCEED 25 FEET.															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN13	CONCRETE ACCESSORIES: CN14.1 U.N.O. HEADED SHEAR STUDS TO BE NELSON HEADED ANCHORS WITH FLUXED ENDS OR APPROVED EQUIVALENT AND SHALL BE AUTOMATICALLY END WELDED BY UTILIZING THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.															
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
DP	DESIGN PARAMETERS			DN	CONCRETE NOTES			SP	SPECIAL INSPECTION											
DP1	THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE ICC INTERNATIONAL BUILDING CODE, 2018 EDITION.			DN1	CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE IBC.			SP1	SPECIAL INSPECTION PROGRAM SHALL CONFORM TO CHAPTER 17 OF THE IBC.											
DP2	UNIFORM LIVE LOADS: TYPICAL @ PORCH	100 PSF		DN2	WHERE NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE, THE EXISTING CONCRETE SURFACE SHALL BE CLEANED AND ROUGHENED TO A MINIMUM OF 1/4" AMPLITUDE.			SP2	THE OWNER SHALL EMPLOY A SPECIAL INSPECTOR TO PERFORM THE REQUIRED TESTS AND SPECIAL INSPECTIONS WITH QUALIFICATIONS DESCRIBED PER IBC CHAPTER 17 AND THE PROJECT SPECIFICATIONS.											
DP3	ALLOWABLE FRAMING DEFLECTIONS: FLOOR LIVE LOAD FLOOR TOTAL LOAD	L/360 L/240		DN3	ALL EXPOSED EDGES OF CONCRETE MEMBERS SHALL BE CHAMFERED 3/4" U.N.O.			SP3	SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND CONTRACTOR.											
DP4	ASSUMED FUTURE CONSTRUCTION: VERTICAL HORIZONTAL	NONE NONE		DN4	CONCRETE FORMWORK: CN4.1 SLEEVES, OPENINGS, CONDUIT, AND OTHER EMBEDDED ITEMS NOT SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER PRIOR TO POURING CONCRETE. CONDUITS EMBEDDED IN SLABS SHALL NOT BE LARGER IN OUTSIDE DIMENSION THAN ONE THIRD OF THE THICKNESS OF THE SLAB AND SHALL NOT BE SPACED CLOSER THAN THREE DIAMETERS ON CENTER.			SP4	SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, PERFORMED IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS.											
SU	SUBMITTALS			DN4.2	VERIFY ALL BLOCK OUTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS PRIOR TO POURING.			SP5	SPECIAL INSPECTION PROGRAM:											
SU1	GENERAL CONTRACTOR TO PROVIDE A SHOP DRAWING SUBMITTAL, LOG ITEMIZING ALL PROPOSED SUBMITTALS FOR APPROVAL BY STRUCTURAL ENGINEER OF RECORD.			DN5	CONCRETE REINFORCEMENT: CN5.1 DETAILING, FABRICATION, AND PLACEMENT OF REINFORCEMENT SHALL CONFORM TO ACI-315.															
SU2	ALL SHOP DRAWINGS SHALL BE CHECKED BY THE FABRICATOR AND APPROVED BY THE GENERAL CONTRACTOR PRIOR TO SUBMITTAL TO THE STRUCTURAL ENGINEER OF RECORD. SHOP DRAWING REVIEW BY ENGINEER IS LIMITED TO VERIFYING GENERAL CONFORMANCE TO THE CONTRACT DOCUMENTS. CONTRACTOR IS RESPONSIBLE FOR ANY CHANGES FROM THE CONTRACT DOCUMENTS, DIMENSIONAL ERRORS, COORDINATION ERRORS, OR OMISSIONS IN SHOP DRAWINGS.			DN5.2	ALL REINFORCEMENT TO BE ASTM A615 GRADE 60 U.N.O. WELDED WIRE FABRIC TO BE ASTM A186 WITH WIRE CONFORMING TO ASTM A201 REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE USING #16 ANNEALED IRON WIRE. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS, U.N.O.															
SU3	SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO FABRICATION AND CONSTRUCTION REGARDING ALL STRUCTURAL ITEMS, INCLUDING THE FOLLOWING: • CONCRETE MIX DESIGNS (5 DAYS BEFORE POUR, MIN.) • CONCRETE REINFORCEMENT			DN5.3	ALL CONTINUOUS REINFORCING SHALL BE SPICED USING CLASS B TENSION SPLICES, U.N.O.															
SU4	SHOP DRAWINGS SHALL INCLUDE CONNECTIONS AS WELL AS SIZE, SPACING, AND GRADE OF ALL MEMBERS, PLANS AND ANY DETAILING NECESSARY FOR DETERMINING FIT AND PLACEMENT SHALL ALSO BE INCLUDED.			DN5.4	BARS IN BEAMS AND SLABS SHALL BE SUPPORTED ON WELL-CURED CONCRETE BLOCKS OR APPROVED METAL CHAIRS, AS SPECIFIED BY THE CRSI MANUAL OF STANDARD PRACTICE, MSP-1.															
SU5	IF SHOP DRAWINGS DIFFER FROM OR ADD TO THE DESIGN OF THE STRUCTURAL DRAWINGS, THEY SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER REGISTERED IN THE APPROPRIATE STATE. ANY CHANGES TO THE STRUCTURAL DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT AND ARE SUBJECT TO REVIEW AND APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.			DN5.5	CONTINUE HORIZONTAL WALL BARS THROUGH PILASTERS, COLUMNS, INTERSECTING WALLS AND INTERSECTING FOUNDATIONS. REFER TO TYPICAL DETAILS FOR LAYOUT OF CORNER BARS AND BARS IN SMALL WALL SECTIONS. SLAB BARS SHALL BE HOOKED INTO WALLS OR HOOKED DOWELS SHALL BE PROVIDED TO MATCH SLAB REINFORCING. PROVIDE HOOKED DOWELS FROM FOOTINGS TO MATCH VERTICAL WALL REINFORCING.															
SU6	ITEMS THAT ARE DESIGNED BY THE CONTRACTOR SHALL BE DESIGNED TO RESIST THE LIVE LOADS INDICATED IN STRUCTURAL NOTES, DEAD LOAD, SELF WEIGHT, ANY ADDITIONAL LOADING INDICATED ON PLANS AND DETAILS, SNOW DRIFT, AND A NET WIND UPLIFT.			DN5.6	ADD TWO DIAGONAL #5 BARS, FOUR FEET LONG, CENTERED, AT EACH CORNER OF FOUNDATION OR SLAB OPENING, U.N.O.															
SU7	ITEMS THAT ARE DESIGNED BY THE CONTRACTOR SHALL INCLUDE ANY RELEVANT TECHNICAL LITERATURE FROM MANUFACTURER, ALSO PROVIDE A CERTIFICATION FROM THE MANUFACTURER SHOWING THE PRODUCT IS IN COMPLIANCE WITH ALL APPLICABLE CODES AND STANDARDS.			DN5.7	U.N.O. INSTALL W/WF 1/2" FROM TOP OF ALL SLABS ON GRADE, TOPPING SLABS ON DECK, OR TOPPING SLABS ON PRECAST LAP JOINTS TWO FULL MESHES BUT NOT LESS THAN 8" AT CONSTRUCTION JOINTS, LOCATE W/WF AT MID DEPTH OF THE SLAB.															
SU8	FIELD ENGINEERED DETAILS DEVELOPED BY THE CONTRACTOR THAT DIFFER FROM OR ADD TO THE STRUCTURAL DRAWINGS SHALL BEAR THE SEAL AND SIGNATURE OF AN ENGINEER REGISTERED IN THE APPROPRIATE STATE AND SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO CONSTRUCTION.			DN6	COVERAGE FOR REINFORCEMENT: CN6.1 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH 3" CN6.2 CONCRETE EXPOSED TO EARTH AND WEATHER, 2" #6 THRU #18 BARS #6 BAR, W/31 OR D31 WIRE 1 1/2" AND SMALLER CN6.3 CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND: SLABS, WALLS, JOISTS: #14 AND #16 1/2" #11 BAR AND SMALLER 3/4" BEAMS, COLUMNS: PRIMARY REINFORCEMENT, 1 1/2"															
FP	FOUNDATION PARAMETERS			DN7	CONCRETE COMPRESSIVE STRENGTHS SHALL BE VERIFIED BY STANDARD SIZE AND BOTTOM ELEVATIONS OF FOOTINGS HAVE BEEN ESTABLISHED BASED ON THE ASSUMED MINIMUM ALLOWABLE BEARING PRESSURE OF 1500 PSF AS SHOWN IN IBC TABLE 1906.2. AS EXCAVATION PROGRESSES UNANTICIPATED SOIL CONDITIONS MAY REQUIRE CHANGES. CONTACT STRUCTURAL ENGINEER OF RECORD FOR EVALUATION OF THESE CHANGES.															
FP1	ALLOWABLE SOIL BEARING PRESSURE CONTINUOUS FOOTINGS 1500 PSF SQUARE FOOTINGS 1500 PSF			DN8	SPECIAL INSPECTOR SHALL BE NOTIFIED IF ANY WATER IS TO BE ADDED IN FIELD.															
FP2	MINIMUM FOOTING DEPTH FOR FROST PROTECTION (BELOW FINISHED GRADE) 42 IN.			DN9	CONCRETE FOUNDATIONS: CN9.1 ALL FOUNDATION EXCAVATIONS MUST BE REVIEWED AND APPROVED BY THE SOILS ENGINEER PRIOR TO PLACEMENT OF CONCRETE.															
FP3	DESIGN EARTH PRESSURES: ACTIVE 35 PCF PASSIVE 260 PCF AT REST 60 PCF			DN9.2	ACCURATELY SET AND SECURELY SUPPORT REINFORCING, DOWELS AND ANCHOR BOLTS PRIOR TO PLACEMENT OF CONCRETE. WET STICKING OR FLOATING OF REINFORCING, DOWELS AND ANCHOR RODS IS NOT ALLOWED.															
FP4	TYPICAL STRUCTURAL ABBREVIATIONS (PERIODS w/ ABBREVIATIONS MAY BE OMITTED WITHOUT CHANGING MEANING).			DN9.3	PROVIDE CONSTRUCTION JOINTS, INSERTS, SLEEVES, DOWELS, ANCHORS, ETC., AS SHOWN. ITEMS SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS AND ACCORDING TO USUAL ACCEPTED STANDARDS OF THE TRADE. ANCHOR RODS PER ASTM F1554 AS SHOWN.															
J	AND AT ANCHOR BOLT AMERICAN CONCRETE INSTITUTE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL AMERICAN INSTITUTE OF STEEL CONSTRUCTION AMERICAN SOCIETY FOR TESTING AND MATERIALS ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN9.4	LOCATE FOUNDATION COLD JOINTS AT EXPANSION JOINTS IN MASONRY VENEER WHEN POSSIBLE.															
K	ALLOWABLE SOIL BEARING PRESSURE CONTINUOUS FOOTINGS 1500 PSF SQUARE FOOTINGS 1500 PSF			DN9.5	REINFORCING SHOWN ON DETAILS IS THE REQUIRED MINIMUM AT CONTRACTOR'S OPTION AND EXPENSE. ADDITIONAL REINFORCING MAY BE PERMITTED TO ASSIST IN EASE OF CONSTRUCTIBILITY ADDITIONAL REINFORCING MUST BE SUBMITTED FOR REVIEW ON SHOP DRAWINGS.															
K	MINIMUM FOOTING DEPTH FOR FROST PROTECTION (BELOW FINISHED GRADE) 42 IN.			DN10	PROVIDE MINIMUM 6000 PSI NON-SHRINK, NON-METALLIC GROUT UNDER COLUMN BASE PLATES. GROUT SHALL NOT CONTAIN GYPSUM. COLUMN BASES TO BE GROUTED BEFORE PLACEMENT OF CONCRETE TOPPING ON STEEL FORMS.															
J	TYPICAL STRUCTURAL ABBREVIATIONS (PERIODS w/ ABBREVIATIONS MAY BE OMITTED WITHOUT CHANGING MEANING).			DN11	SLAB CONTROL JOINTS: CN12.1 PROVIDE SLAB CONTROL JOINTS FOR THE FOLLOWING, U.N.O.: -SLAB 10' ± 2'															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN11.2	PROVIDE SLAB CONTROL JOINTS ON GRID LINE WHERE PRACTICAL. CN12.3 MAINTAIN A SLAB CONTROL JOINT ASPECT RATIO OF APPROXIMATELY 1:1.															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN12	PROVIDE VERTICAL WALL JOINTS AS FOLLOWS, U.N.O.: CN13.1 WALLS TALLER THAN 12' H (H = WALL HEIGHT) CN13.2 WALLS 8' - 12' 2'H CN13.3 WALLS SHORTER THAN 8' 3'H CN13.4 PROVIDE WALL JOINT WITHIN 10' OF ALL CORNERS AND IN LINE WITH EDGES OF ALL WALL OPENINGS CN13.5 MAXIMUM WALL JOINT SPACING SHALL NOT EXCEED 25 FEET.															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION ELEC. ELECTRICAL EQ. EQUAL EXT. EXTERIOR F.S. FAR SIDE FIN. FINISH FM. FOUNDATION MISCELLANEOUS FNDN. FOOTING FT. FOOT/FEET GA. GAGE GALV. GALVANIZED GENERAL CONTRACTOR G.C. HIGH POINT HORIZ. HORIZONTAL HT. HEIGHT I.B.C. INTERNATIONAL BUILDING CODE IN. INCH/INCHES INT. INTERIOR K or k KIP L. ANGLE LIVE LOAD			DN13	CONCRETE ACCESSORIES: CN14.1 U.N.O. HEADED SHEAR STUDS TO BE NELSON HEADED ANCHORS WITH FLUXED ENDS OR APPROVED EQUIVALENT AND SHALL BE AUTOMATICALLY END WELDED BY UTILIZING THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.															
H	ADD. ADDITIONAL ALTERNATE ARCH. ARCHITECTURAL B.P. BASE PLATE B/BOTTOM OF BUILDING BRG. BEARING C.I.P. CAST IN PLACE CONSTRUCTION JOINT C.J. CONCRETE MASONRY UNIT C.M.U. COMPLETE PENETRATION C.P. CENTERLINE CLG. CEILING CLR. CLEAR CONG. CONCRETE CONN. CONNECTION CONST. CONSTRUCTION CONT. CONTINUOUS CONTR. CONTRACTOR D.B.A. DEFORMED BAR ANCHOR D.L. DEAD LOAD DET. DETAIL DIA. or Ø DIAMETER DIAG. DIAGONAL DIM. DIMENSION DN. DOWN DWGS. DRAWINGS E.F. EACH FACE E.J. EXPANSION JOINT E.W. EACH WAY EA. EACH EL. ELEVATION E																			



A FOUNDATION PLAN
3/16" = 1'-0"

- PLAN NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL RELEVANT EXISTING INFORMATION, INCLUDING EXISTING DIMENSIONS, CONDITIONS AND FRAMING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND/OR UNDERPINNING OF EXISTING STRUCTURE NEEDED TO ACCOMMODATE NEW CONSTRUCTION.
 - SEE SHEET S201 FOR FOUNDATION DETAILS.
 - SEE ARCH. DRAWINGS FOR ALL ELEVATIONS NOT SHOWN ON PLAN. ALL T/F ELEVATIONS SHOWN ON PLAN ARE BASED OFF OF AVAILABLE EXISTING INFORMATION (T) EXISTING BASEMENT FLOOR = (0'-0"). CONTRACTOR TO VERIFY AS BUILT ELEVATIONS AND COORDINATE W/ THE DESIGN TEAM IF IT DIFFERS THAN WHAT IS SHOWN ON THE DRAWINGS PRIOR TO CONSTRUCTION.
 - REFER TO ARCH. DRAWINGS FOR EXISTING LIMESTONE REPAIRS.

B FRAMING PLAN
3/16" = 1'-0"

- PLAN NOTES:**
- CONTRACTOR TO FIELD VERIFY ALL RELEVANT EXISTING INFORMATION, INCLUDING EXISTING DIMENSIONS, CONDITIONS AND FRAMING.
 - CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND/OR UNDERPINNING OF EXISTING STRUCTURE NEEDED TO ACCOMMODATE NEW CONSTRUCTION.
 - SEE SHEET S201 FOR FRAMING DETAILS.
 - SEE ARCH. DRAWINGS FOR ALL ELEVATIONS NOT SHOWN ON PLAN. ALL T/F ELEVATIONS SHOWN ON PLAN ARE BASED OFF OF AVAILABLE EXISTING INFORMATION (T) EXISTING BASEMENT FLOOR = (0'-0"). CONTRACTOR TO VERIFY AS BUILT ELEVATIONS AND COORDINATE W/ THE DESIGN TEAM IF IT DIFFERS THAN WHAT IS SHOWN ON THE DRAWINGS PRIOR TO CONSTRUCTION.
 - REFER TO ARCH. DRAWINGS FOR EXISTING LIMESTONE REPAIRS.

FOUNDATION SYMBOL KEY

- T/WALL/STEEL
- T/FOOTING
- T/MASONRY LEDGE
- EXIST. BLDG.

FOOTING SCHEDULE

Type	Comments	WIDTH	LENGTH	THICKNESS	REINFORCEMENT
F1		2'-0"	2'-0"	1'-6"	(3) - #5 EW - BOTTOM
F2		3'-0"	3'-0"	1'-6"	(3) - #5 EW - BOTTOM

- KEYED NOTES:** - APPLICABLE ONLY WHEN REFERENCED ON PLAN
- KN1** WHERE S1 SLAB SPANS TO EXISTING LIMESTONE PIER, PROVIDE #4 x 2'-0" DOWELS @ 8" O.C. w/ HLTI HIRE 90 V3 EPOXY (8" EMBED INTO PIER)
 - KN2** SEE DETAIL 6/ S201 FOR TYPICAL SLAB REINFORCING LAYOUT. SEE SCHEDULES FOR SIZE & SPACING OF BARS & TEMP. & SHRINKAGE REINF.
 - KN3** THIS AREA OF THE EXISTING BUILDING IS NOT ACCESSIBLE. CONTRACTOR TO VERIFY EXISTING CONDITIONS IN FIELD DURING CONSTRUCTION AND COORD. THESE CONDITIONS W/ THE DESIGN TEAM. THE FRAMING IN THIS AREA SHOWN ON PLAN IS FOR PRICING PURPOSES ONLY AND IS NOT TO BE USED UNTIL THE CONFIRMATION OF EXISTING CONDITIONS AND APPROVED BY THE EOR.
 - KN4** STEP WALL AND FOOTING AS REQUIRED TO MATCH EXISTING GRADE
 - KN5** CONCRETE BEAM REINFORCEMENT TO CONTINUE INTO AND TERMINATE IN ADJACENT CONCRETE WALL. PROVIDE STD 90° HOOKS AT END OF EA. BAR.

WALL SCHEDULE

MARK	MATERIAL	WALL SIZE	REINFORCEMENT	NOTES
W1	CAST-IN-PLACE CONCRETE	8"	VERTICAL REINFORCEMENT: #5 @ 12" O.C. HORIZONTAL REINFORCEMENT: #5 @ 18" O.C.	REINFORCEMENT TO BE CENTERED IN CAST-IN-PLACE CONCRETE WALL

- NOTES:**
- CAST-IN-PLACE CONCRETE WALL TO FOOTING DOWELS SHALL MATCH THE VERTICAL REINFORCEMENT IN WALLS W/ STD. HOOKS.

COLUMN SCHEDULE

MARK	MATERIAL	SIZE WIDTH X DEPTH	REINFORCEMENT		NOTES
			VERTICAL STEEL	TIES	
C1	CAST-IN-PLACE CONCRETE	8" X 10"	4 - #5 BARS	#3 @ 12" O.C.	SEE PLAN FOR ELEVATIONS. COORD. W/ ARCH. & VERIFY W/ EXISTING CONDITIONS
C2	CAST-IN-PLACE CONCRETE	6" X 6"	4 - #4 BARS	#3 @ 12" O.C.	SEE PLAN FOR ELEVATIONS. COORD. W/ ARCH. & VERIFY W/ EXISTING CONDITIONS

- NOTES:**
- SEE DETAIL 3/ S201 FOR TYPICAL CONCRETE SECTION

FLOOR SLAB SCHEDULE

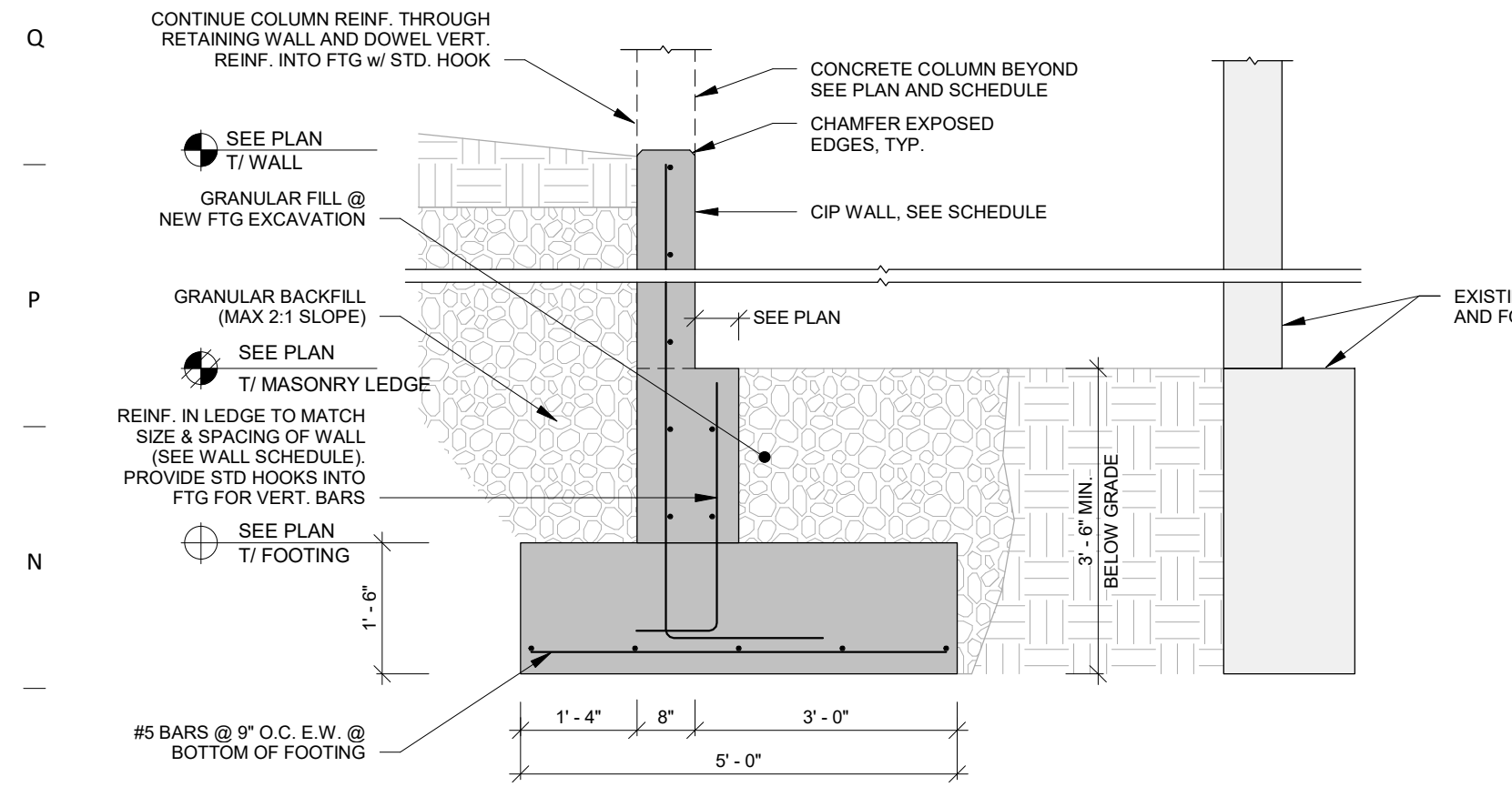
MARK	MATERIAL	DEPTH	REINFORCEMENT		NOTES
			MAN STEEL	TEMP. & SHRINKAGE STEEL	
S1	CAST-IN-PLACE CONCRETE	4 1/2"	#3 @ 9" O.C.	#3 @ 12" O.C.	BOTTOM PROFILE OF SLAB TO BE ARCH'D. SEE ARCH. DWGS. VERIFY W/ EXISTING CONDITIONS

- NOTES:**
- SEE DETAIL 6/ S201 FOR GENERAL LAYOUT OF REINFORCING AND ADDL. INFORMATION

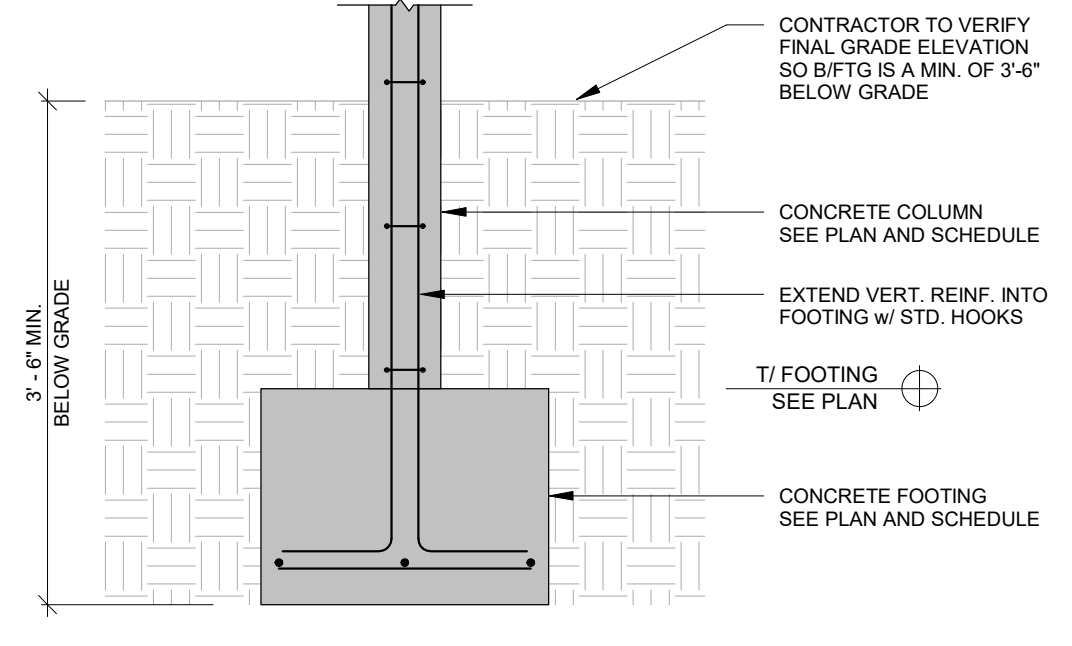
FLOOR BEAM SCHEDULE

MARK	MATERIAL	SIZE WIDTH X DEPTH	REINFORCING BARS	STIRRUPS			NOTES
				NO.	SIZE	SPACING EA. END	
B1	CAST-IN-PLACE CONCRETE	8" X 12"	(2) - #5 TOP (2) - #5 BOT	24	#3	4" O.C. (12) EA. END	SEE DETAIL 5/ S201 FOR EXTENT OF TOP AND BOTTOM REINF.
B2	CAST-IN-PLACE CONCRETE	6" X 12"	(2) - #4 TOP (2) - #4 BOT	--	--	NONE	SEE DETAIL 5/ S201 FOR EXTENT OF TOP AND BOTTOM REINF.

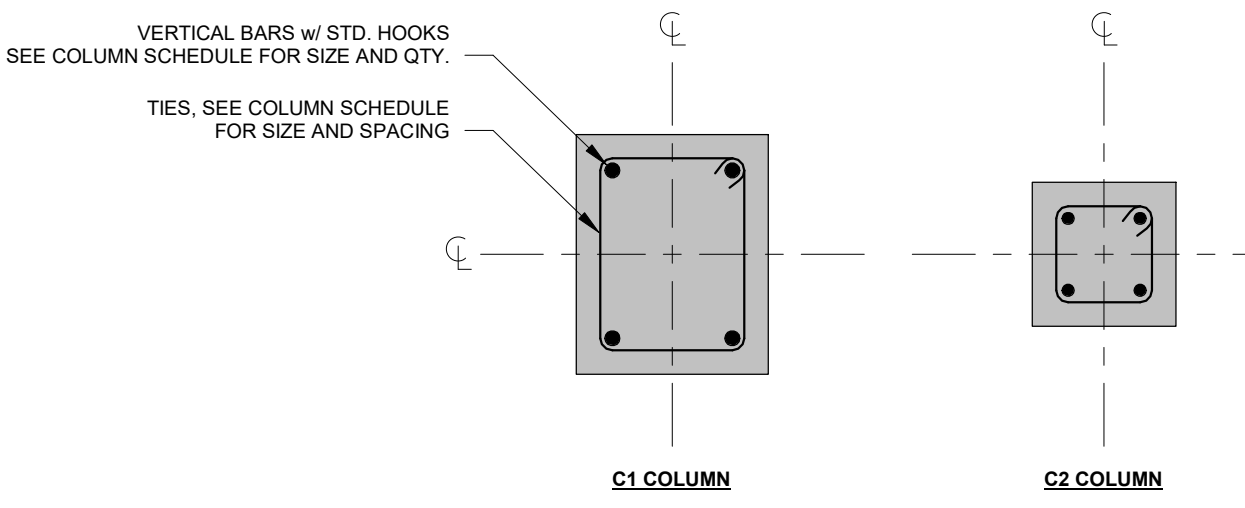
- NOTES:**
- STIRRUPS TO START AT INSIDE FACE OF COLUMN AND WORK TOWARDS THE CENTER OF THE BEAM
 - SEE DETAIL 8/ S201 FOR TYPICAL CONCRETE SECTION



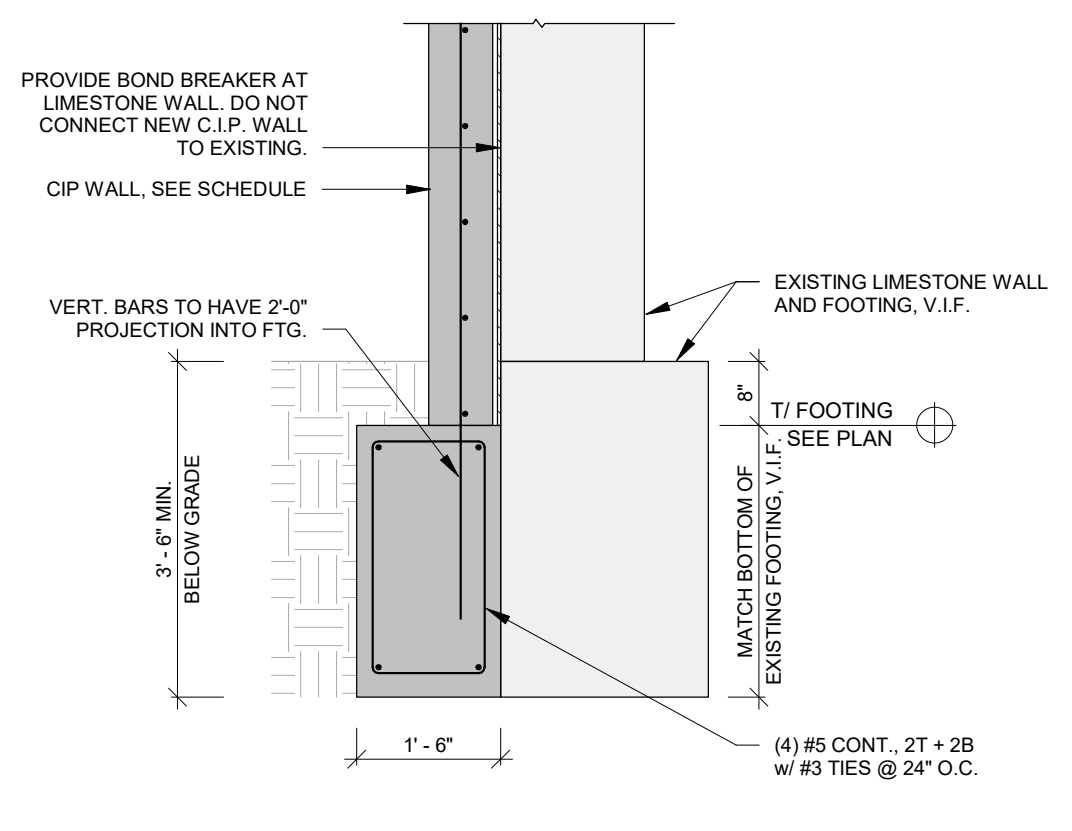
1 RETAINING WALL AND WALL @ EXISTING
1/2" = 1'-0"



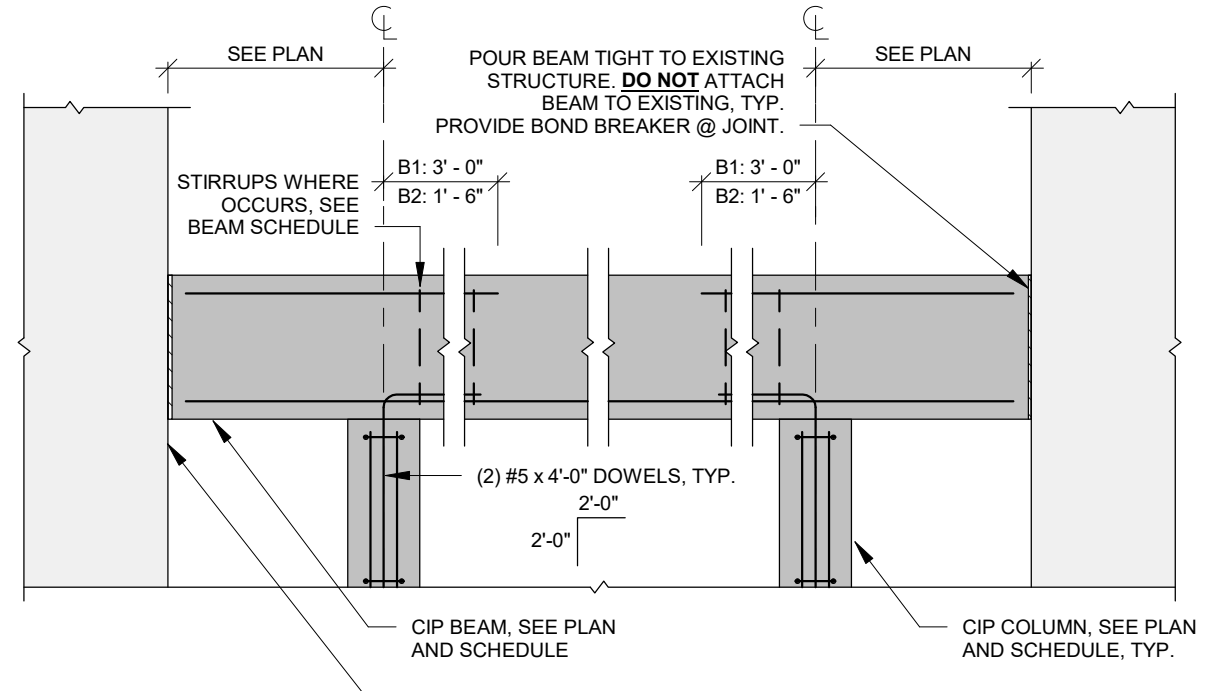
2 TYP. CONCRETE COLUMN TO FTG
3/4" = 1'-0"



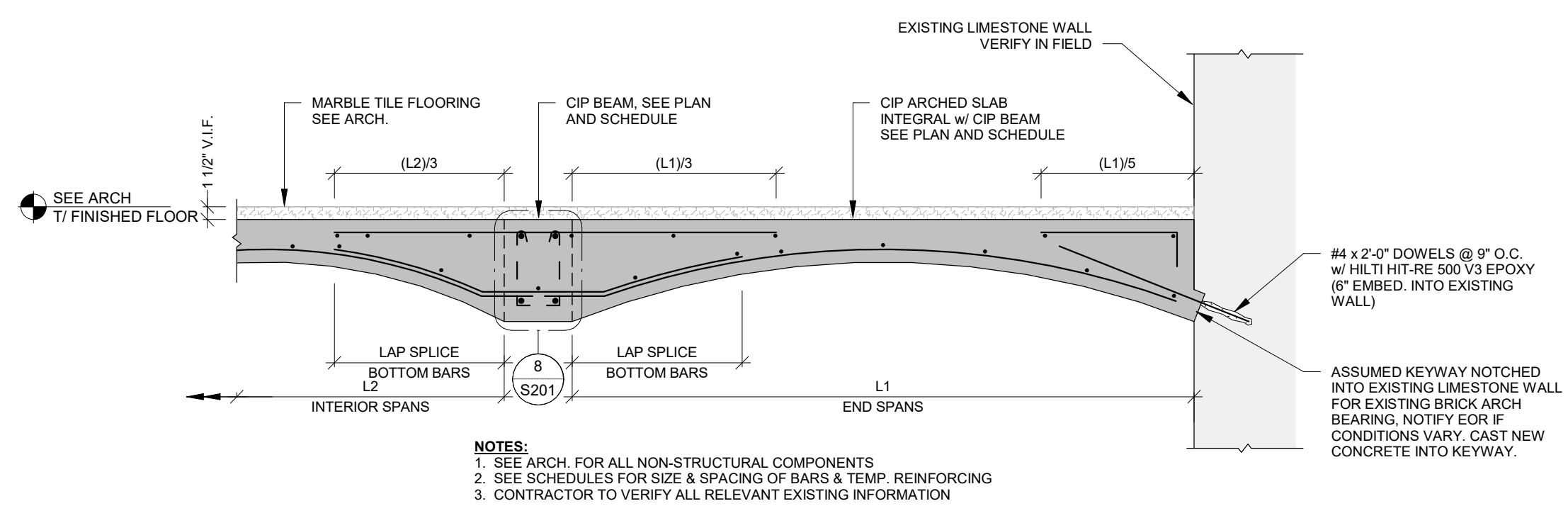
3 CONCRETE COLUMN SECTIONS
1 1/2" = 1'-0"



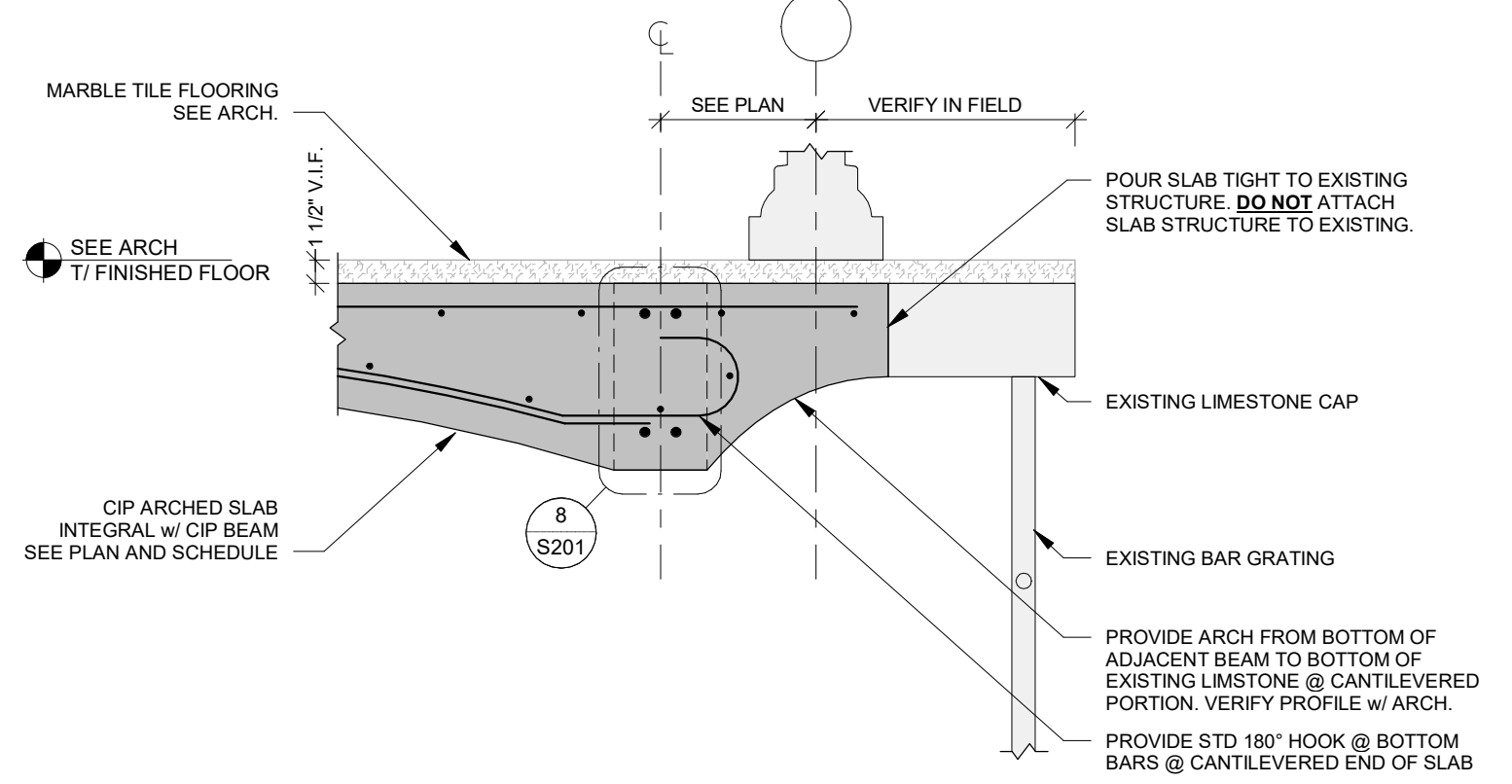
4 NEW CIP WALL & FTG. @ EXISTING
1/2" = 1'-0"



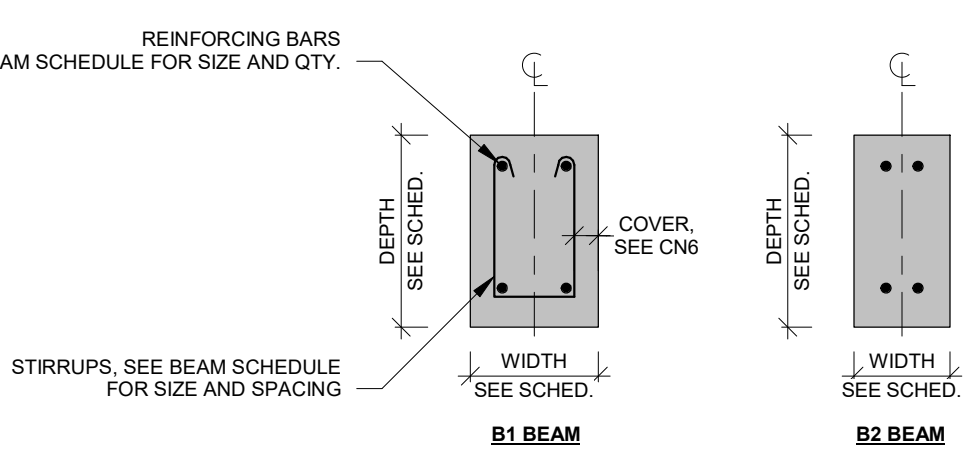
5 TYPICAL CIP BEAM DETAIL
3/4" = 1'-0"



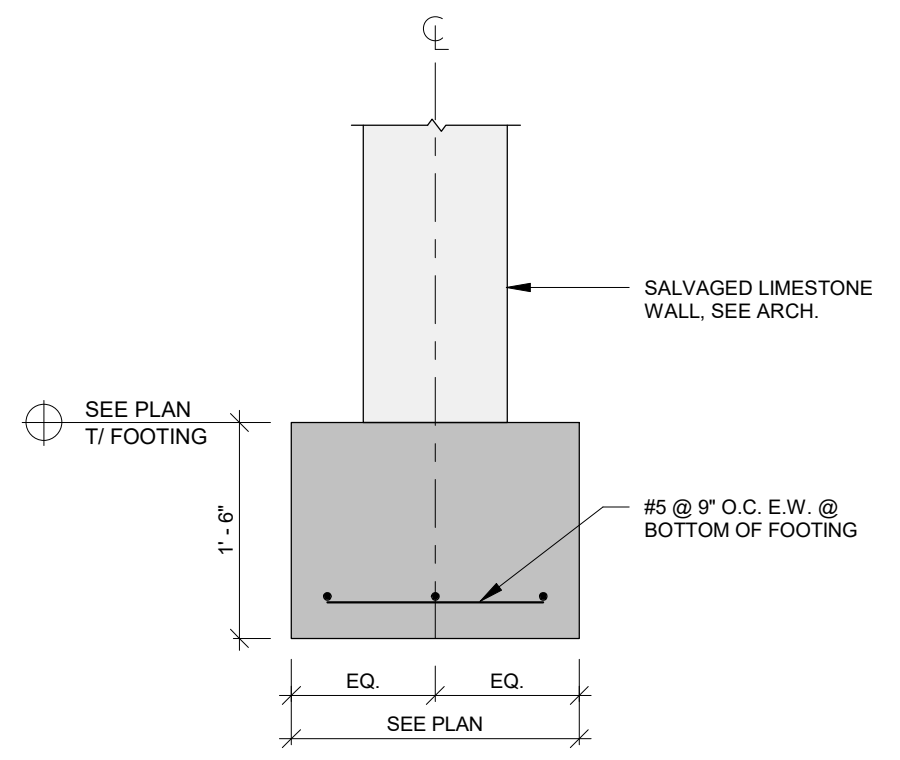
6 ARCHED ONE WAY SLAB DETAIL
3/4" = 1'-0"



7 TYPICAL SLAB EDGE DETAIL @ CIP BEAM
1" = 1'-0"



8 CONCRETE BEAM SECTIONS
1" = 1'-0"

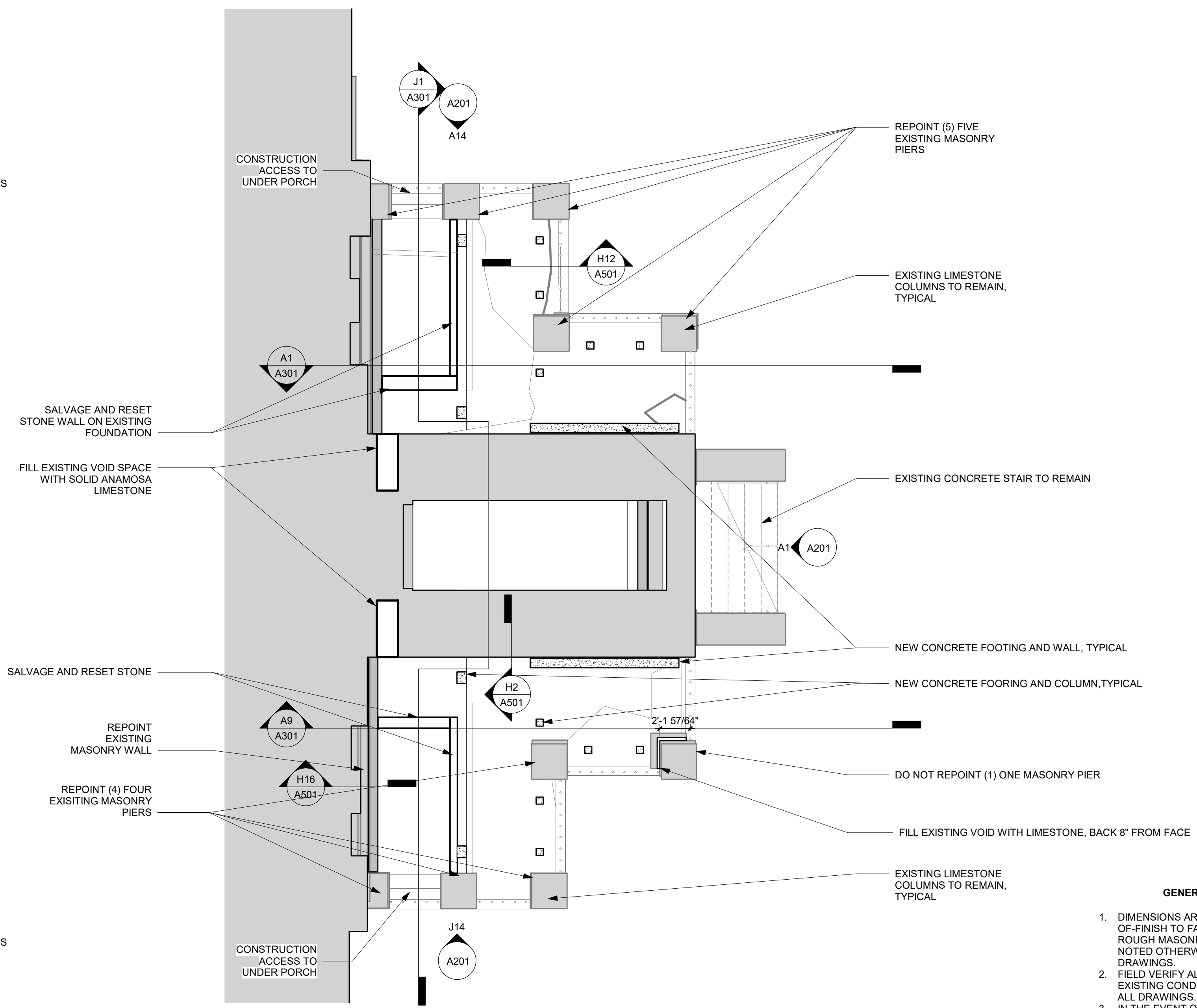
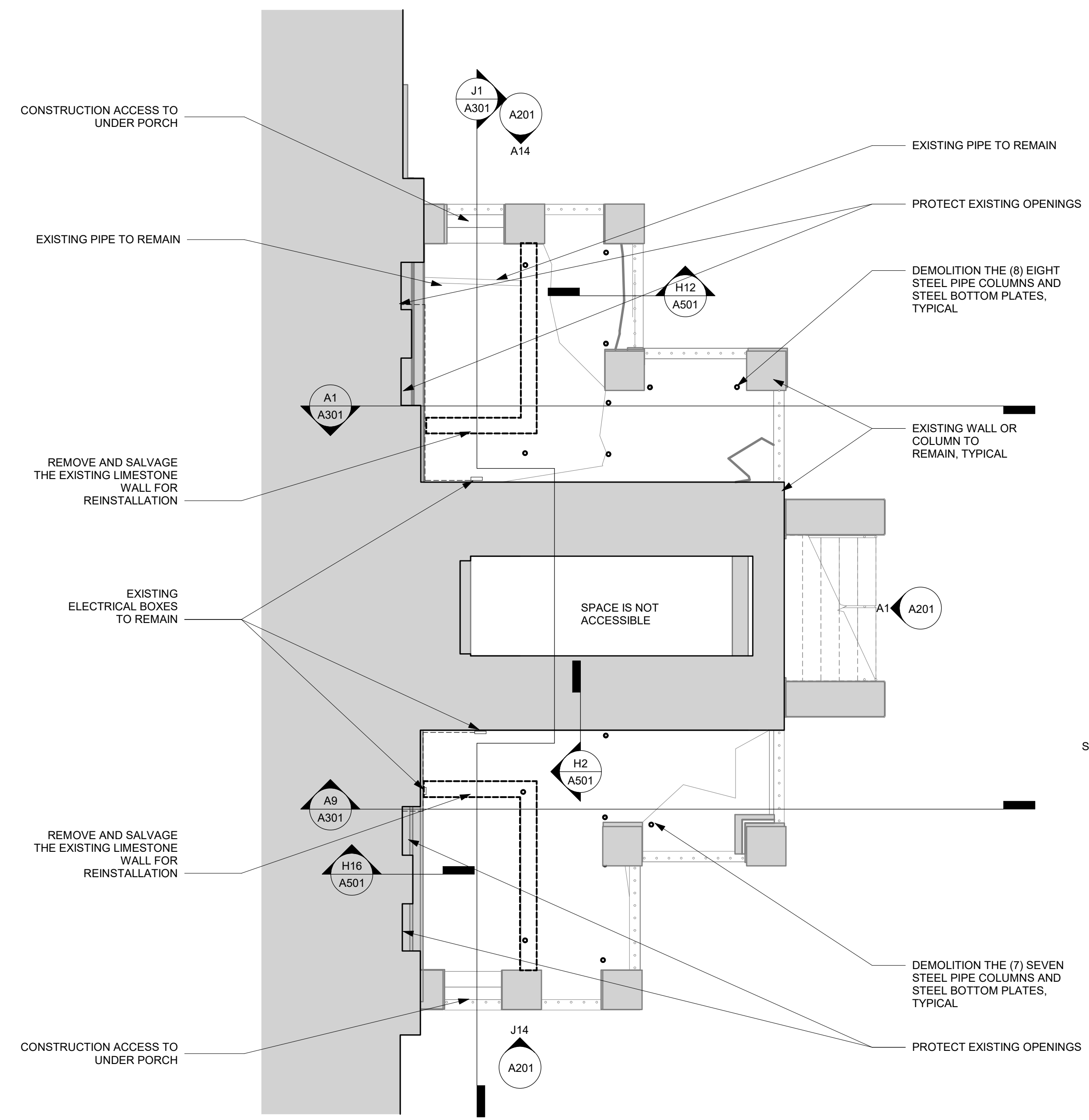


9 FOOTING SECTION @ SALVAGED LIMESTONE WALL
3/4" = 1'-0"

LEGEND - LIMESTONE

- REMOVE AND DISPOSE OF LIMESTONE
- REMOVE AND SALVAGE LIMESTONE
- NEW LIMESTONE
- REINSTALL LIMESTONE

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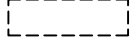

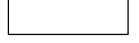
1 DEMOLITION PLAN - BASEMENT LEVEL
3/16" = 1'-0"

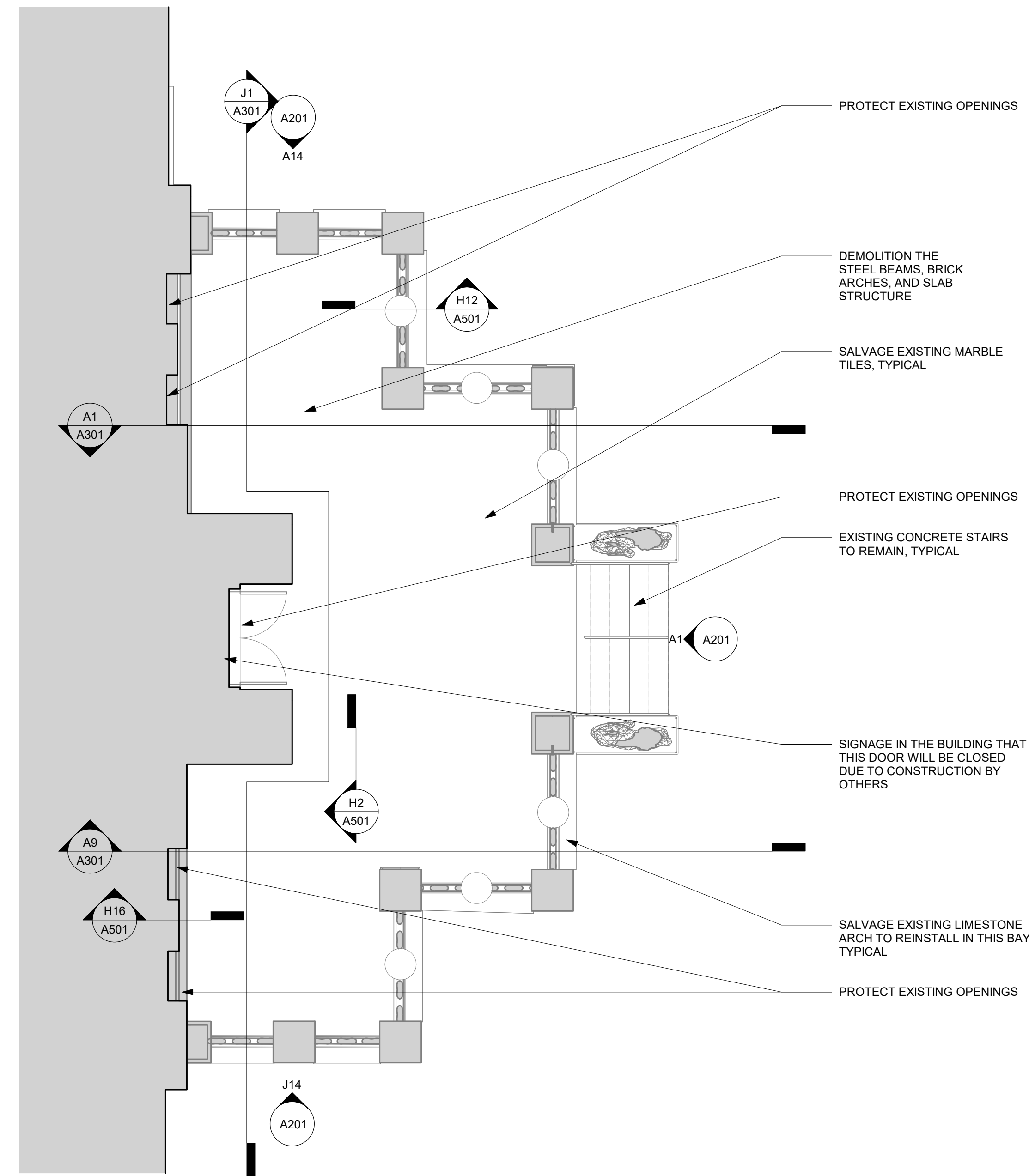
B11 FLOOR PLAN - BASEMENT LEVEL
3/16" = 1'-0"

- GENERAL NOTES**
1. DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
 2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
 3. IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
 4. SEE SHEET A801 FOR FLOOR FINISH PLAN
 5. PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.

Revision	Description	Date

LEGEND - LIMESTONE

-  REMOVE AND DISPOSE OF LIMESTONE
-  REMOVE AND SALVAGE LIMESTONE
-  NEW LIMESTONE
-  REINSTALL LIMESTONE

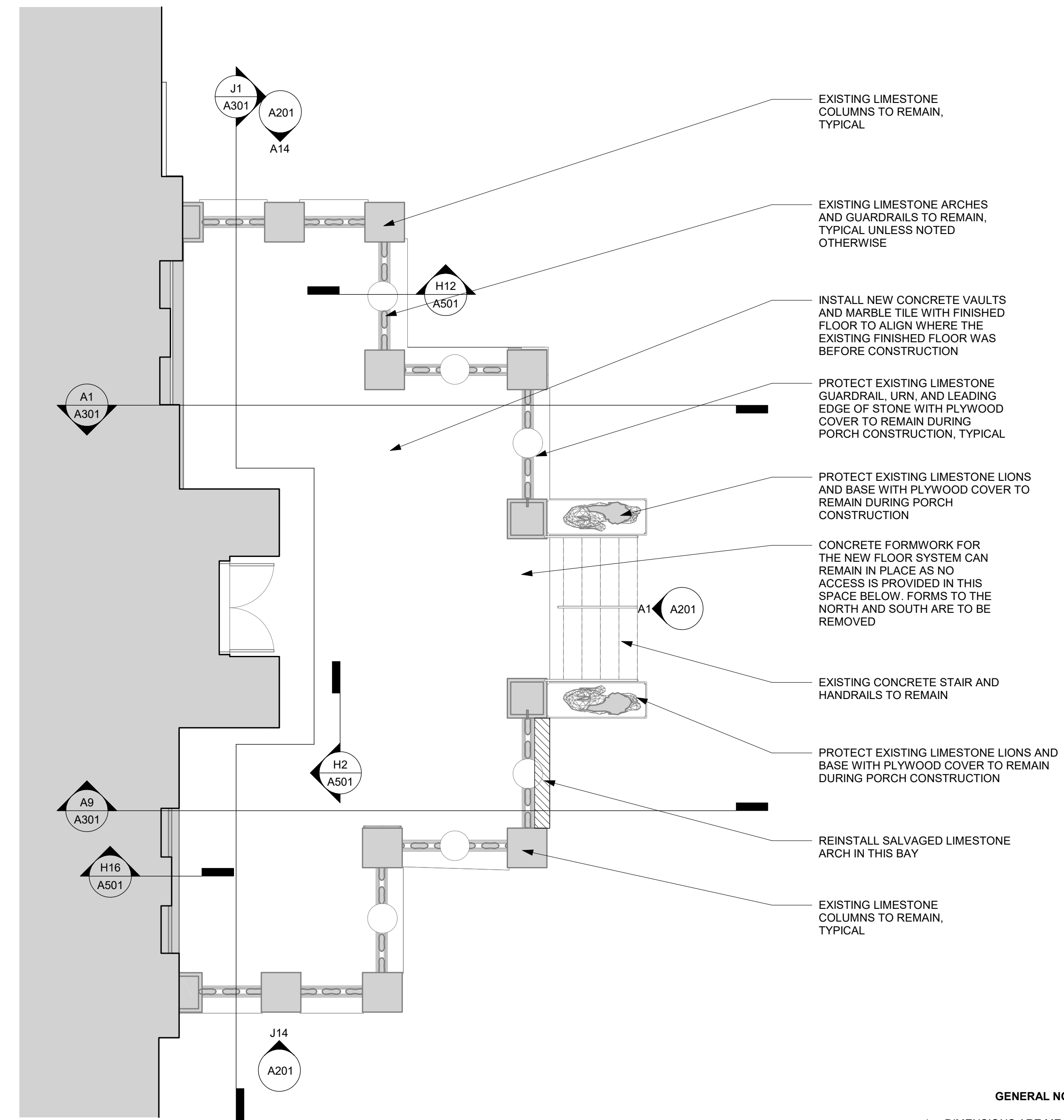


1 DEMOLITION PLAN - FIRST LEVEL
3/16" = 1'-0"

GENERAL NOTES:

1. THE LIMESTONE RAILING SHALL REMAIN IN PLACE DURING CONSTRUCTION AT THIS LEVEL. THE LEADING EDGE OF THE FLOOR SLAB OF LIMESTONE SHALL REMAIN IN PLACE DURING CONSTRUCTION UNLESS NOTED OTHERWISE.
2. SEE SHEET A801 FOR MARBLE LAYOUT.
3. PROJECT HAS SCHEDULED TO USE 50% OF SALVAGED MARBLE TILES.
4. THE SCHEME FOR DEMOLITION OF THE EXISTING MARBLE SLABS AT THE PERIMETER TO SALVAGE 50% AND LEAVE THIS PERIMETER DEMOLITION TO THE END AS THE MARBLE SLABS ARE SUPPORTED WITH BRICK ARCH.
5. THE EXISTING LIMESTONE SLABS ARE EXPECTED TO HAVE A SALVAGE RATE OF 50% FOR REUSE.

NOTE DIMENSIONS ARE FROM A PILLOW CUT FACE OF STONE AND ARE APPROXIMATE DIMENSIONS FOR ESTIMATING



C12 FLOOR PLAN - FIRST LEVEL
3/16" = 1'-0"

GENERAL NOTES

1. DIMENSIONS ARE MEASURED FACE-OF-FINISH TO FACE-OF-FINISH OR ROUGH MASONRY OPENING UNLESS NOTED OTHERWISE - TYPICAL FOR ALL DRAWINGS.
2. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - TYPICAL FOR ALL DRAWINGS.
3. IN THE EVENT OF A DISCREPANCY BETWEEN ARCHITECTURAL AND CONSULTANT DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY PRIOR TO COMMENCING WORK - TYPICAL FOR ALL DRAWINGS.
4. SEE SHEET A801 FOR FLOOR FINISH PLAN
5. PATCH AND REPAIR EXISTING FLOOR SLABS AND WALL SURFACES DAMAGED FROM DEMOLITION.

Revision	Description	Date



M1 PHOTOGRAPH OF SOUTH DUTCHMAN

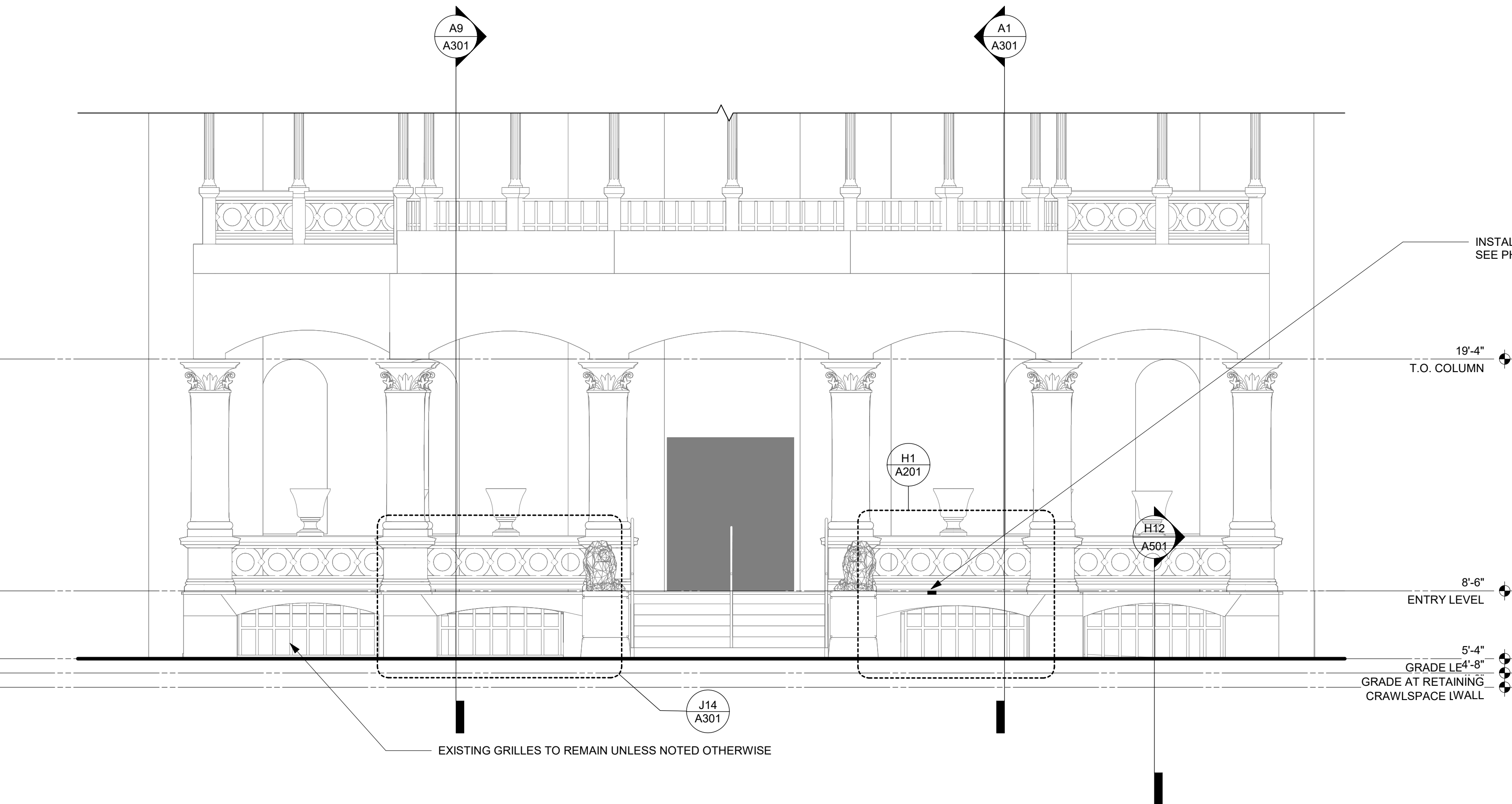
INSTALL NEW LIMESTONE DUTCHMAN TO FILL THE GAP FABRICATED TO MATCH THE ADJACENT TEXTURE ON THE EXISTING STONE



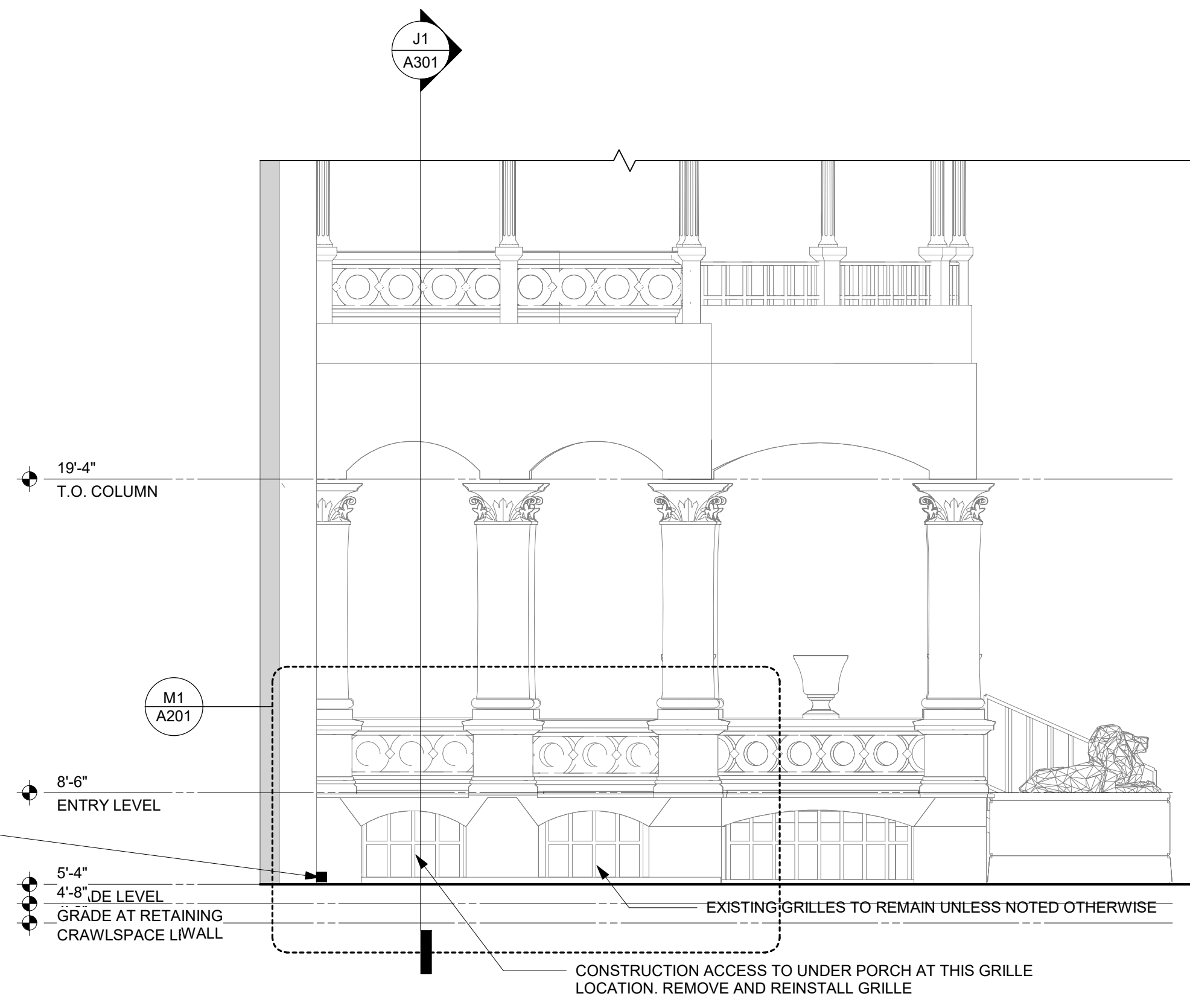
H1 PHOTOGRAPH OF EAST DUTCHMAN

INSTALL NEW LIMESTONE DUTCHMAN FABRICATED TO MATCH THE ADJACENT PROFILES

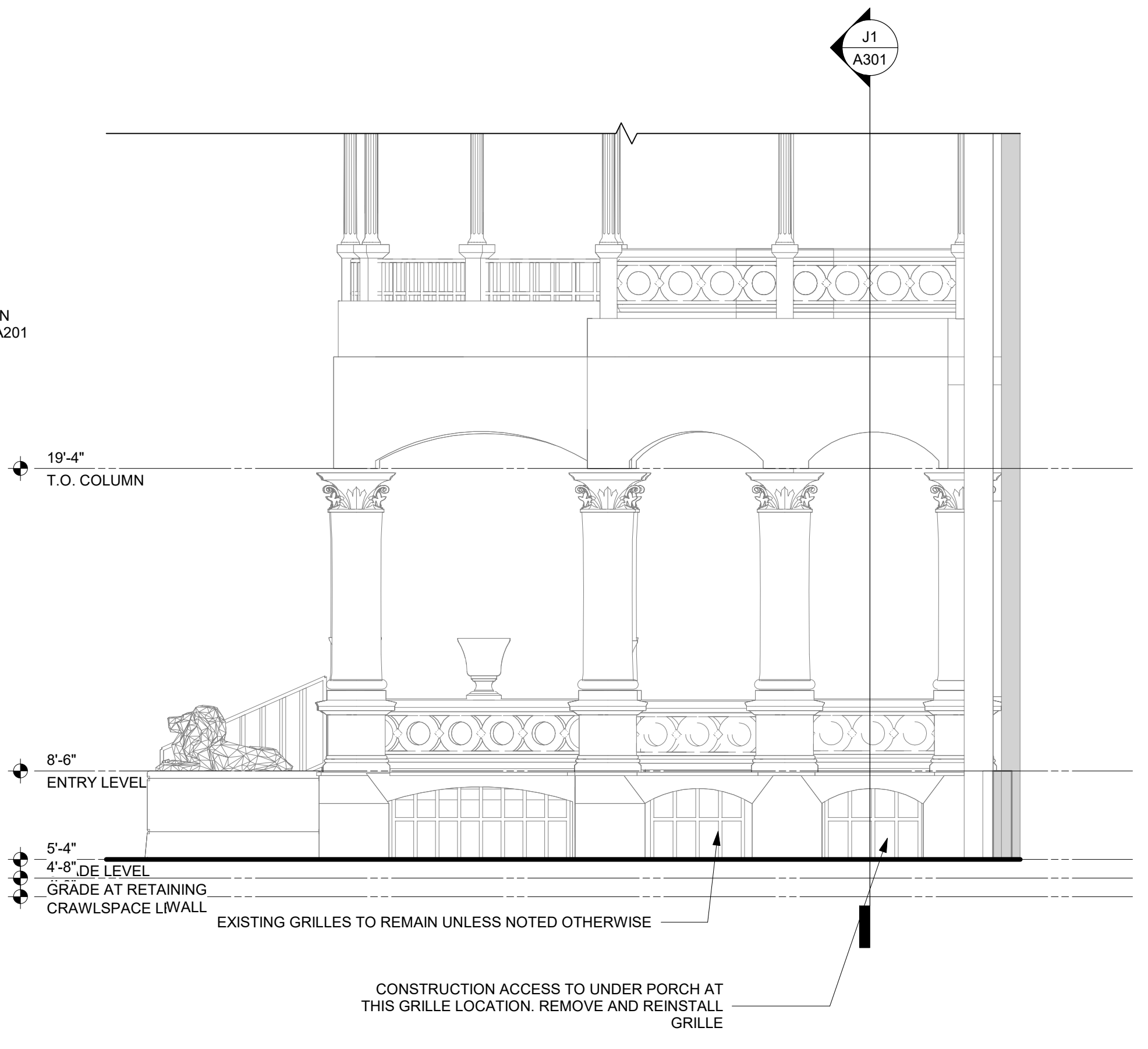
INSTALL NEW LIMESTONE DUTCHMAN TO FILL THE GAP. SEE PHOTO DETAIL M1/A201



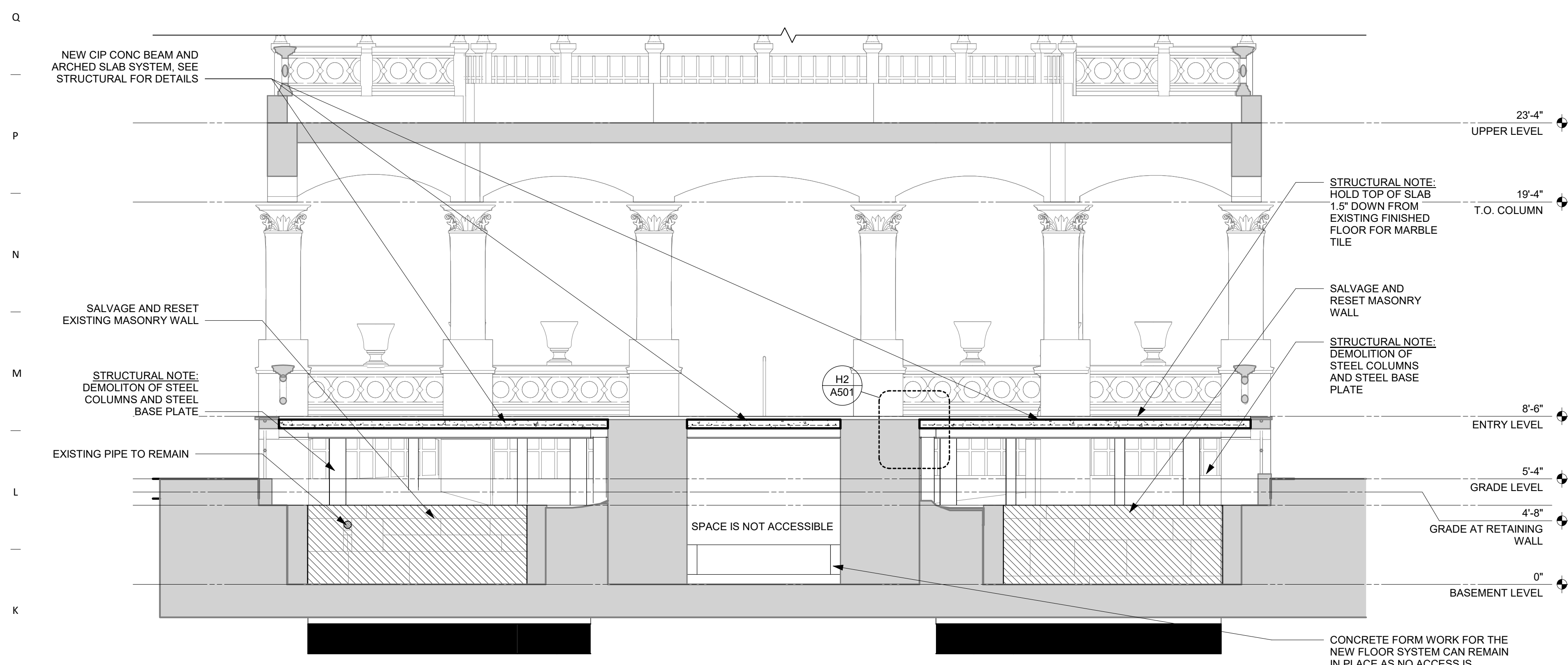
A1 EAST ELEVATION - NEW
1/4" = 1'-0"



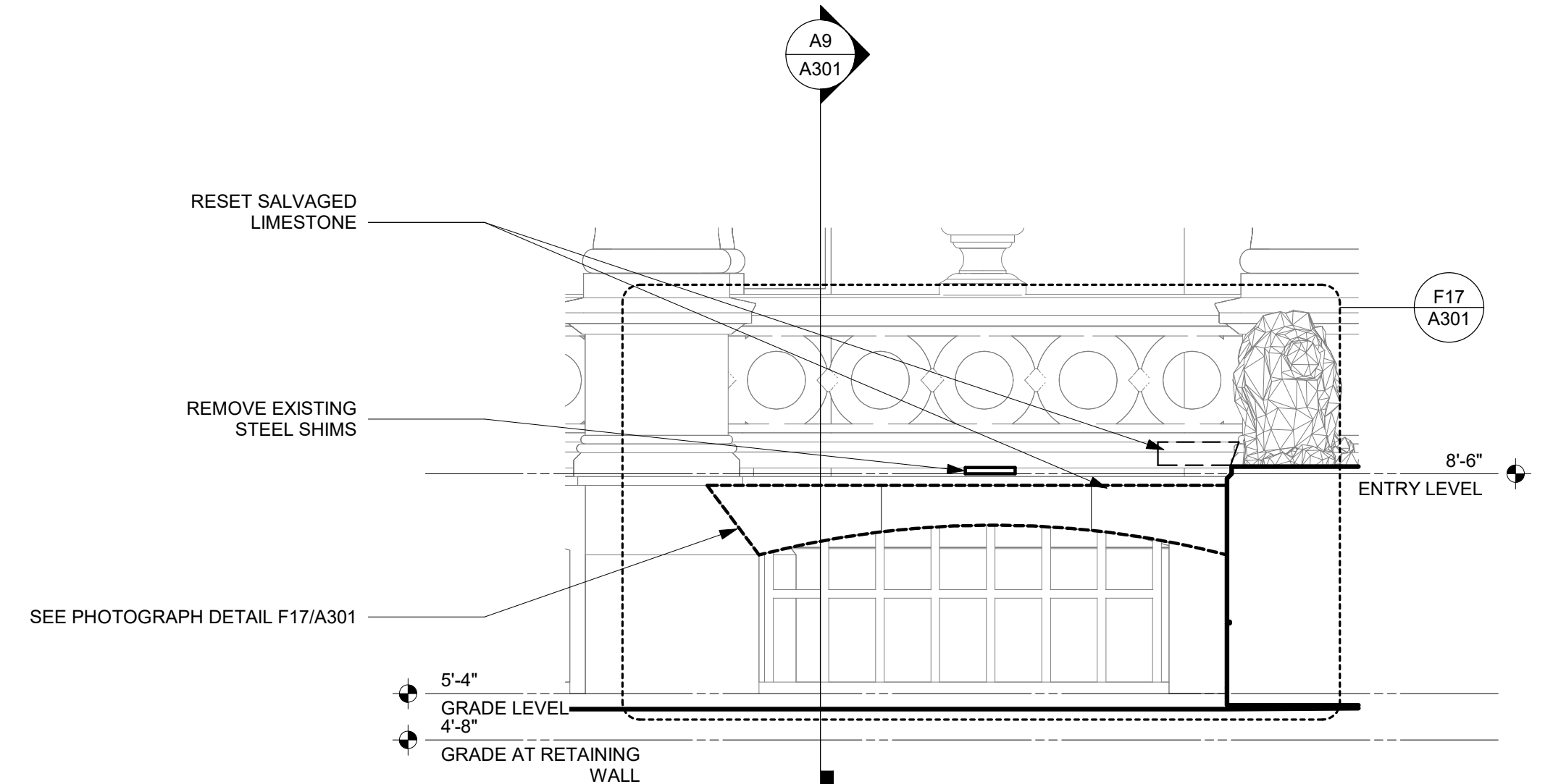
J14 SOUTH ELEVATION - NEW
1/4" = 1'-0"



A14 NORTH ELEVATION - NEW
1/4" = 1'-0"



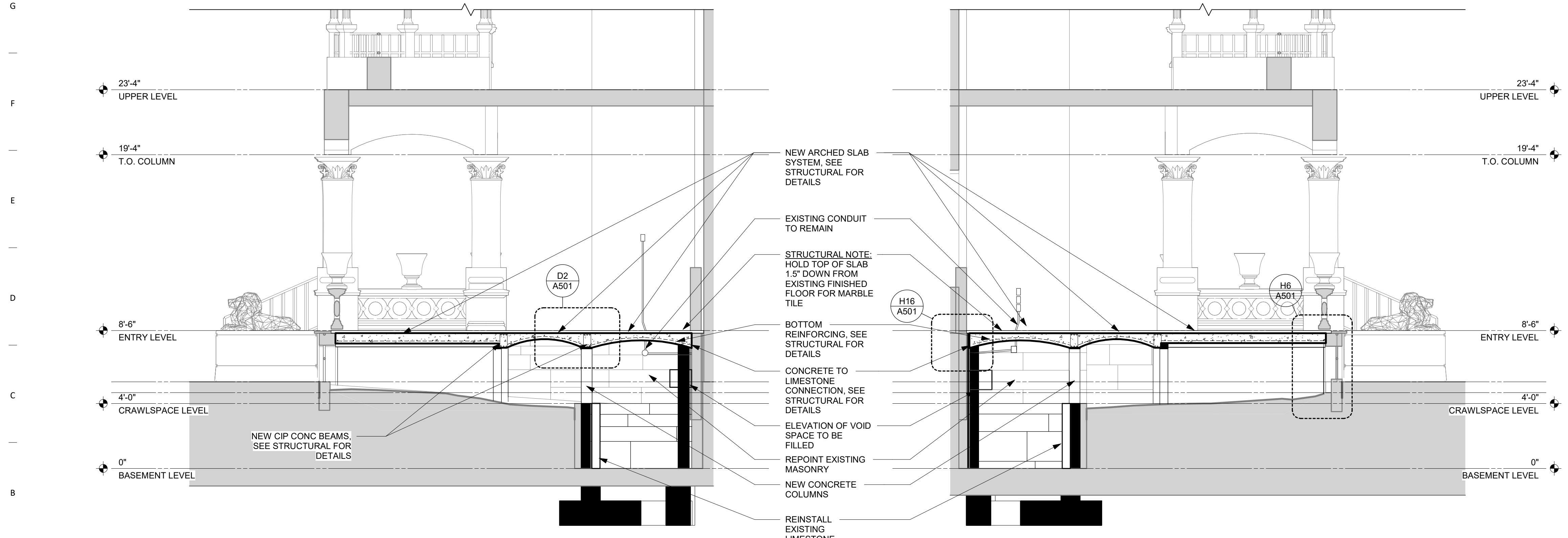
J1 NORTH/SOUTH NEW SECTION
1/4" = 1'-0"



J14 STONE ARCH ELEVATION
1/2" = 1'-0"



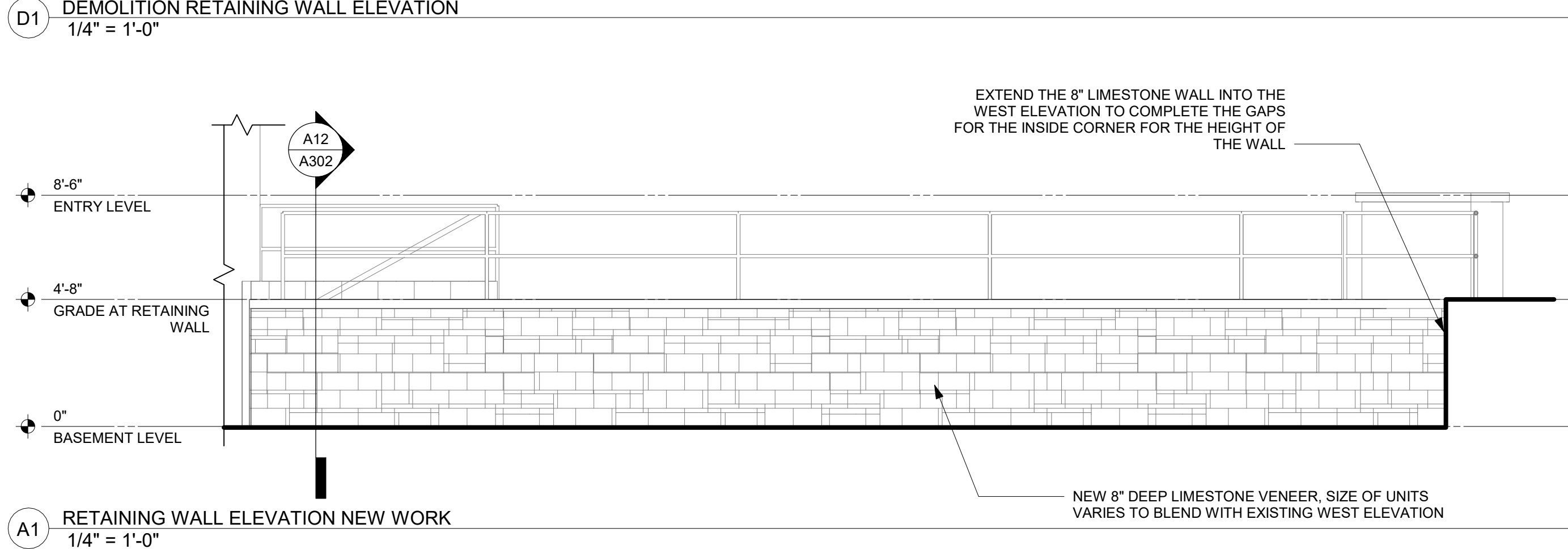
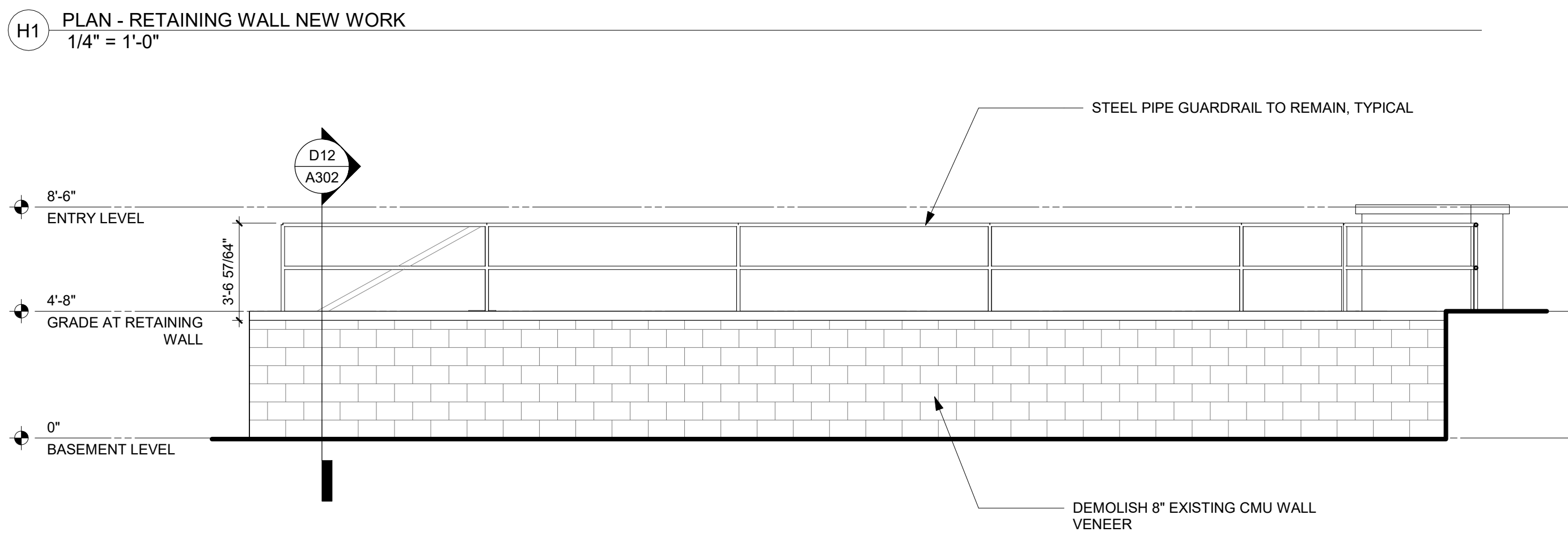
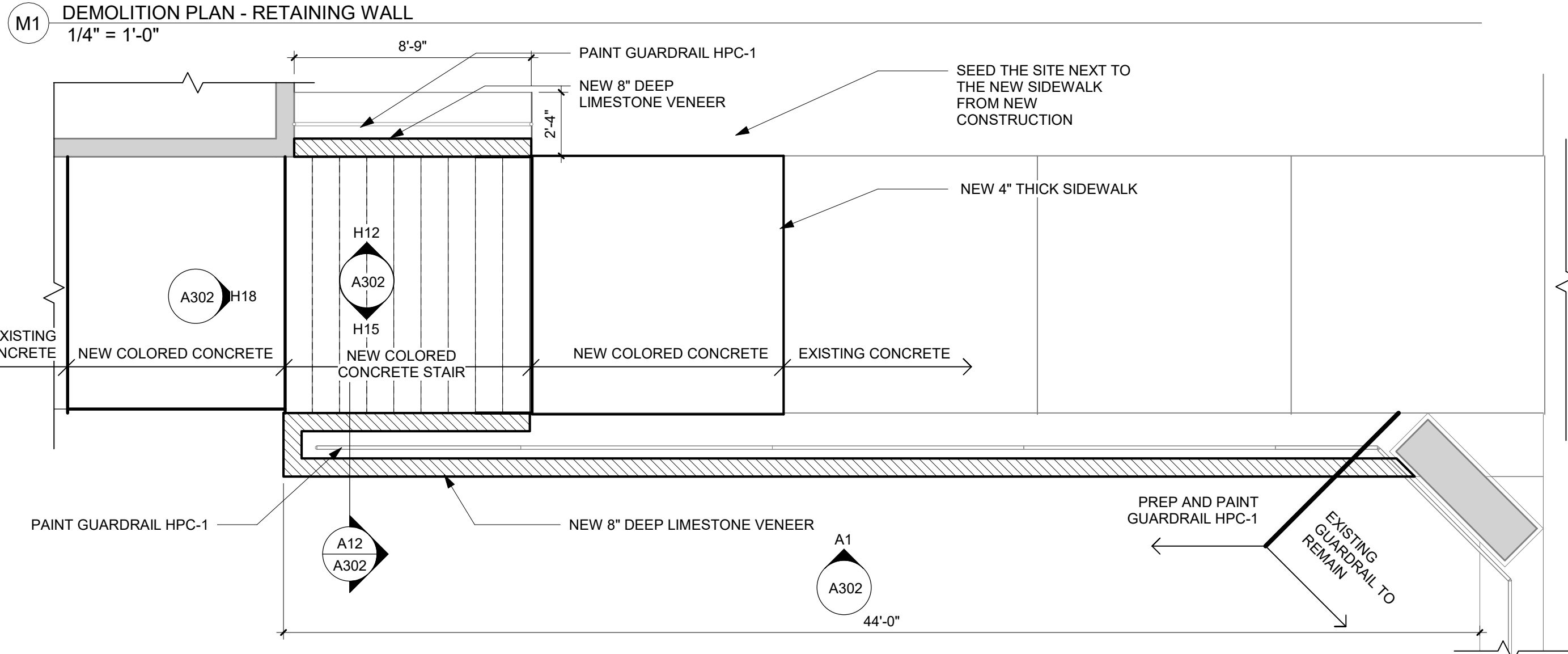
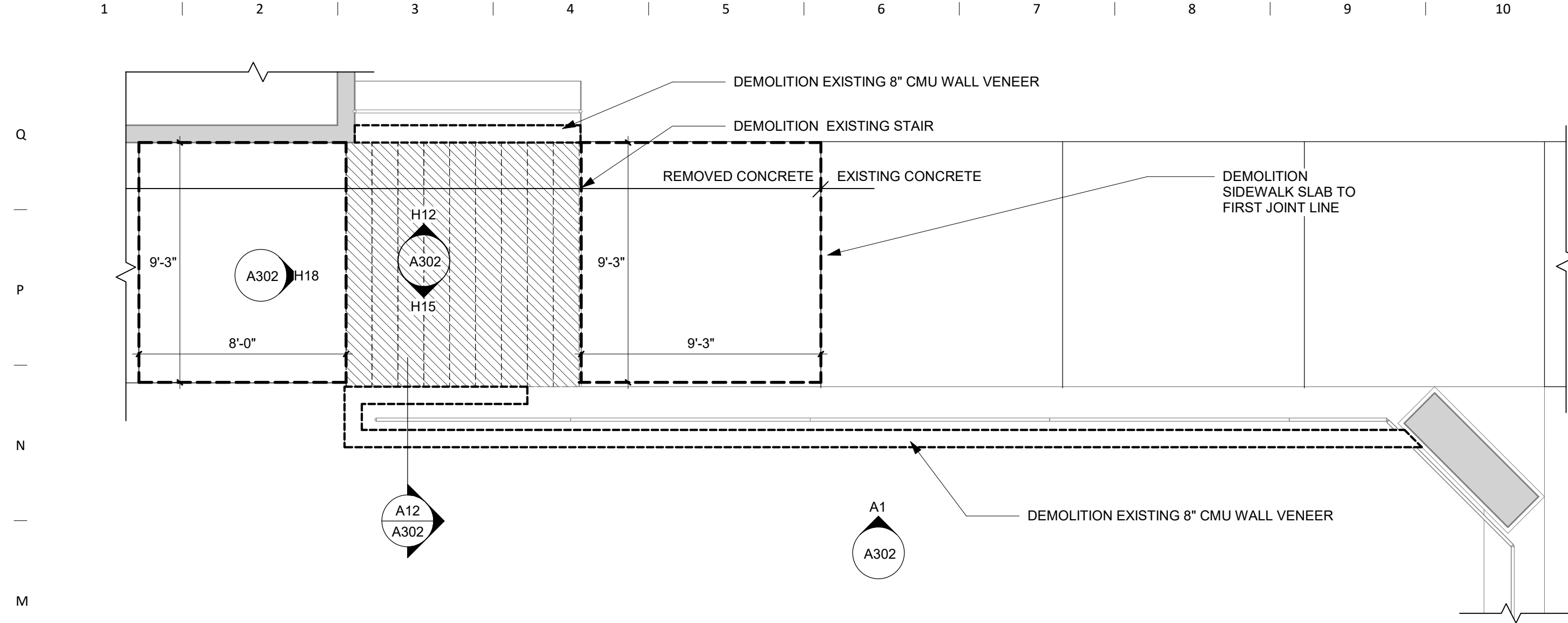
F17 PHOTOGRAPH OF STONE ARCH IN DETAIL J14/A301



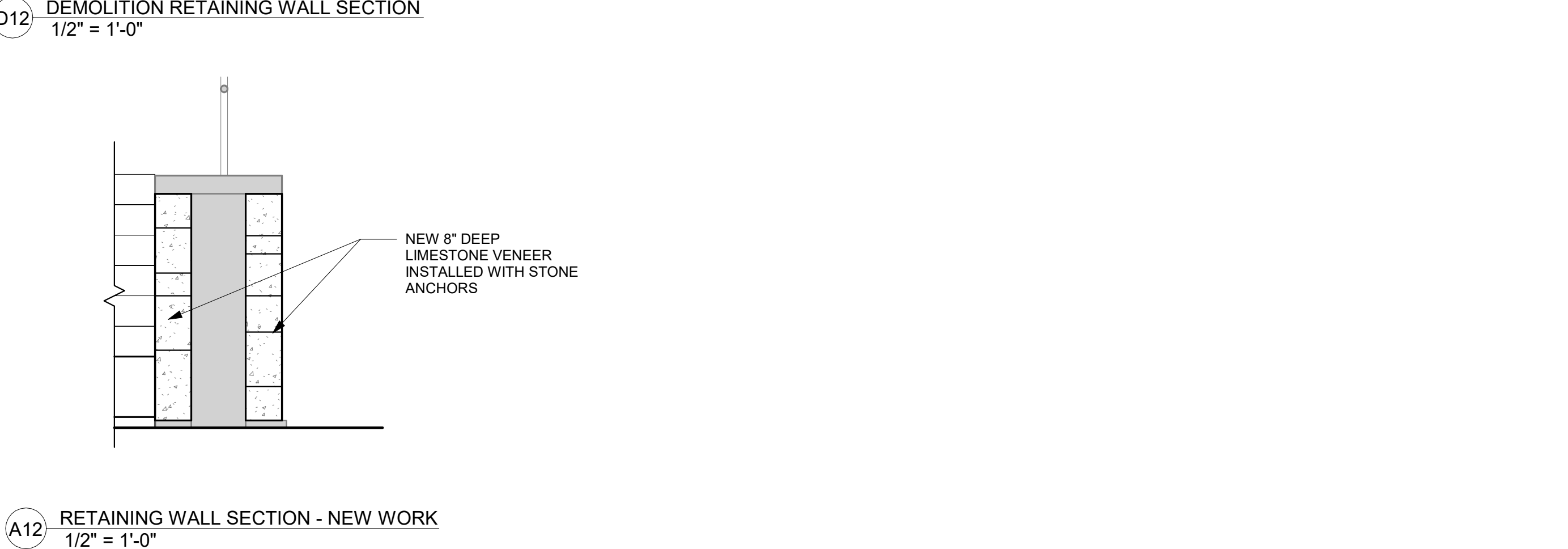
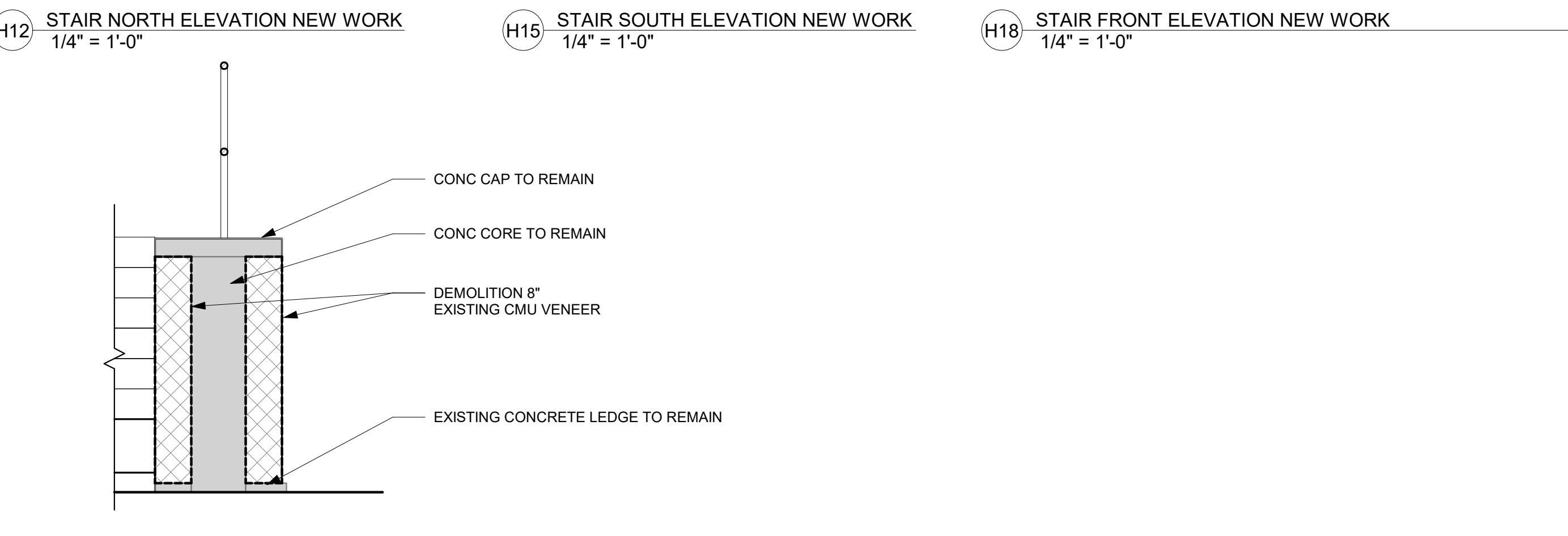
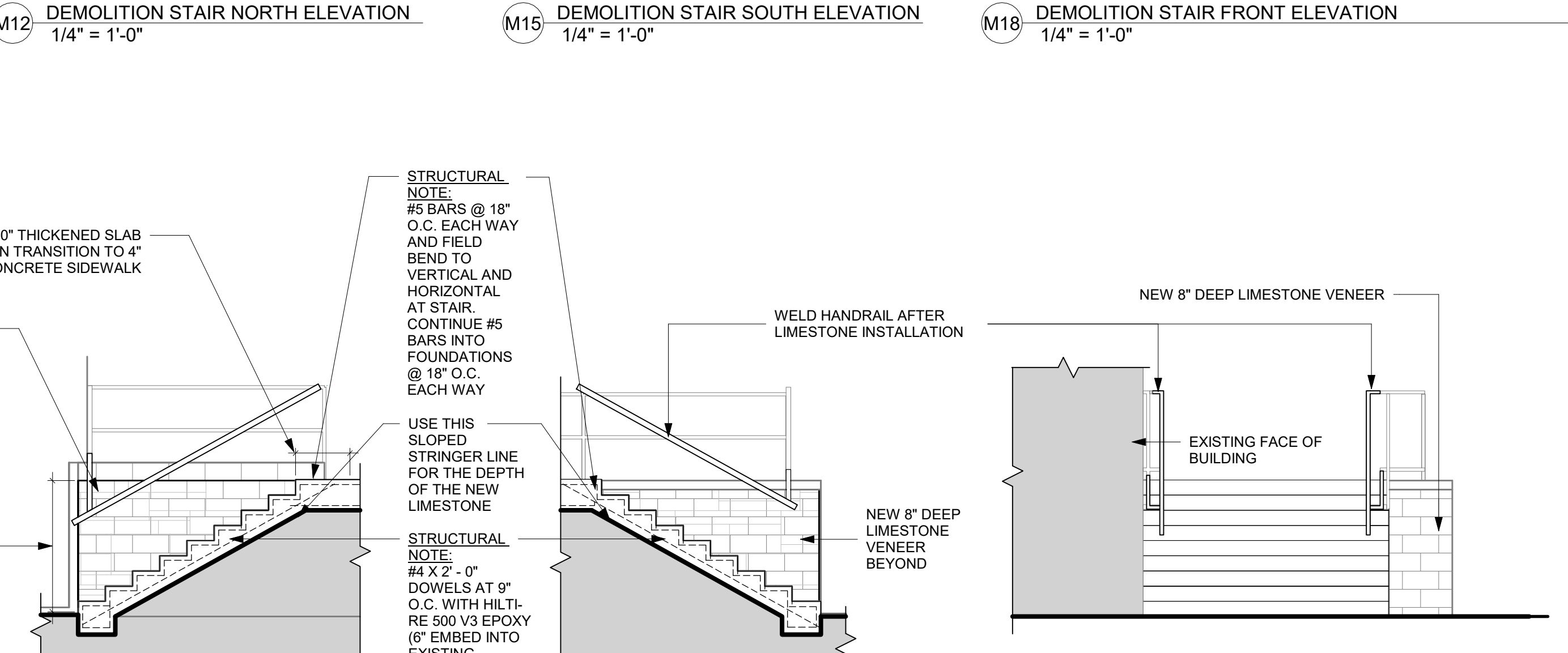
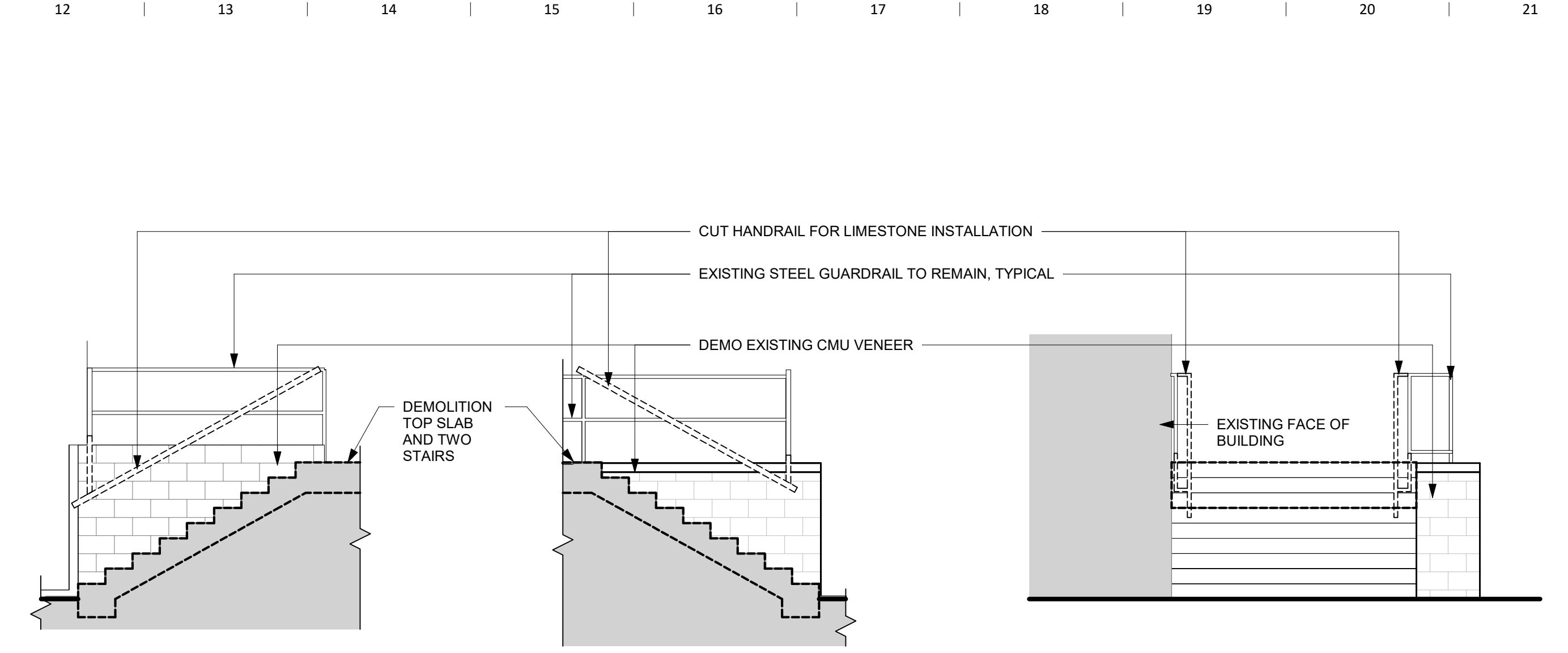
A1 NORTH PORCH EAST/WEST SECTION - NEW WORK
1/4" = 1'-0"

A9 SOUTH PORCH EAST/WEST SECTION - NEW WORK
1/4" = 1'-0"

Revision	Description	Date

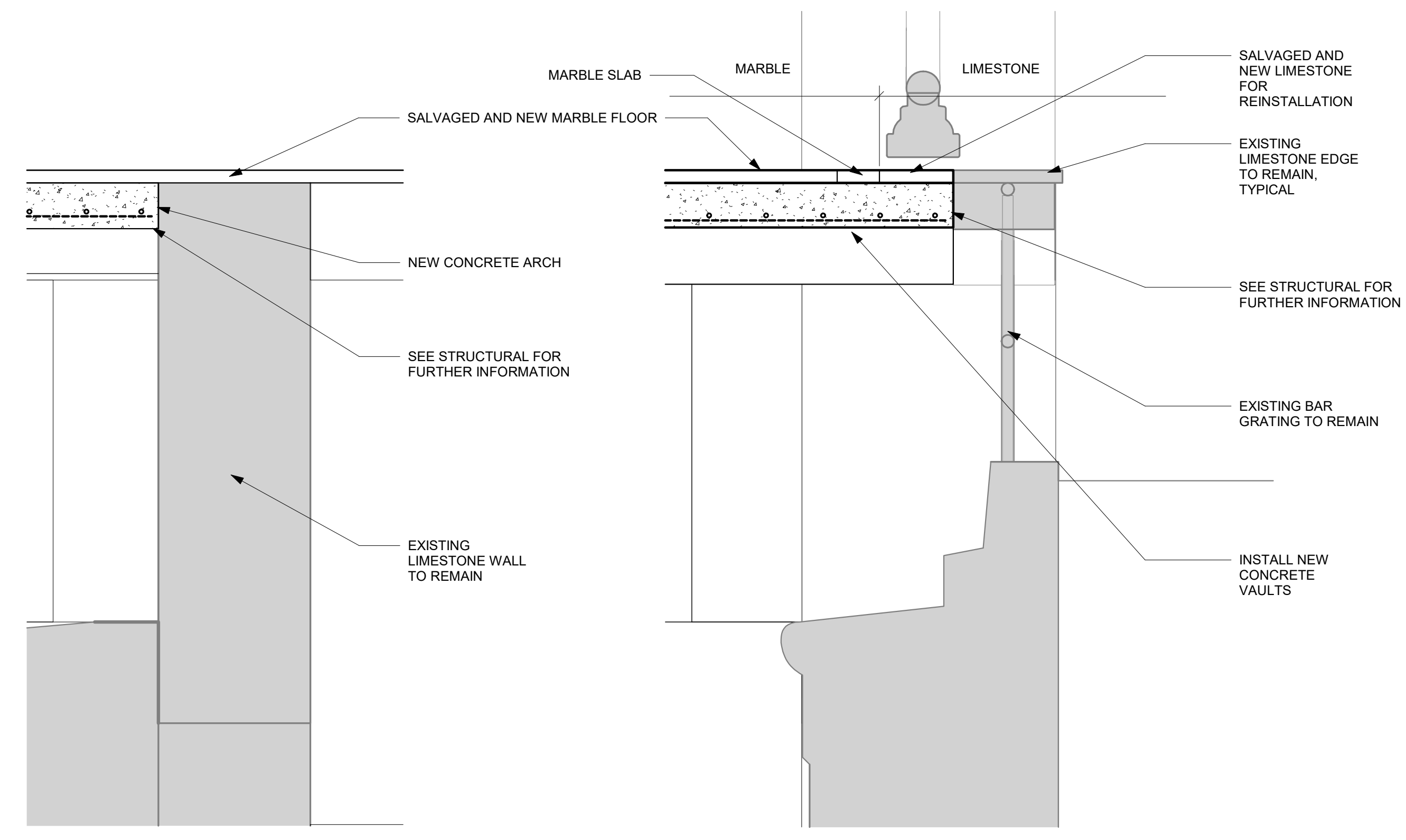


NOTE: HEIGHT OF THE ASHLAR LIMESTONE UNITS SHALL NOT BE LESS THAN 4" IN HEIGHT FOR ANY ELEVATION WITH NEW LIMESTONE

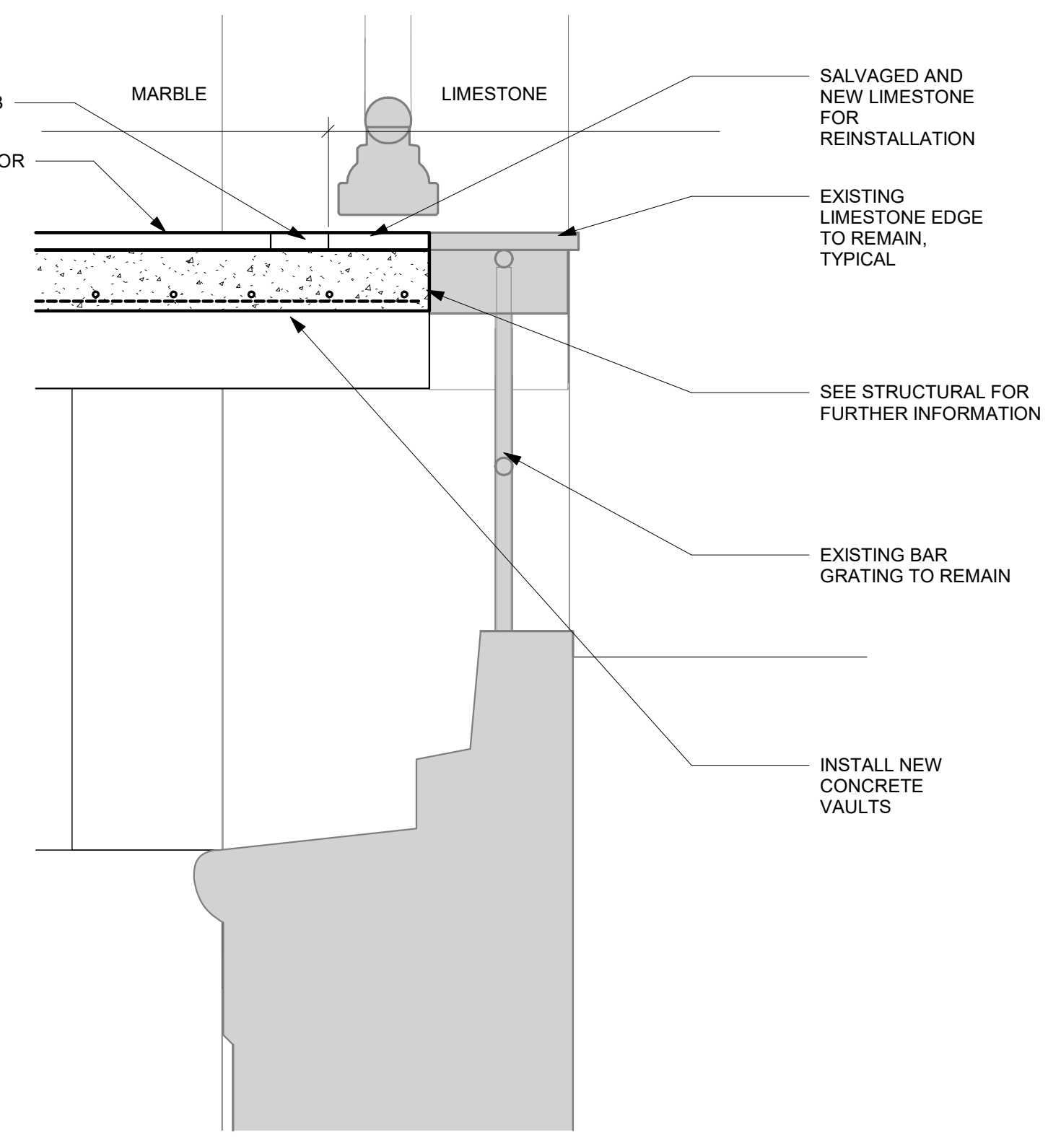


STRUCTURAL NOTE: #5 BARS @ 18" O.C. EACH WAY AND FIELD BEND TO VERTICAL AND HORIZONTAL AT STAIR. CONTINUE #5 BARS INTO FOUNDATIONS @ 18" O.C. EACH WAY.
STRUCTURAL NOTE: #4 X 2'-0" DOWELS AT 9" O.C. WITH HILTI-RE 500 V3 EPOXY (6" EMBED INTO EXISTING CONCRETE)

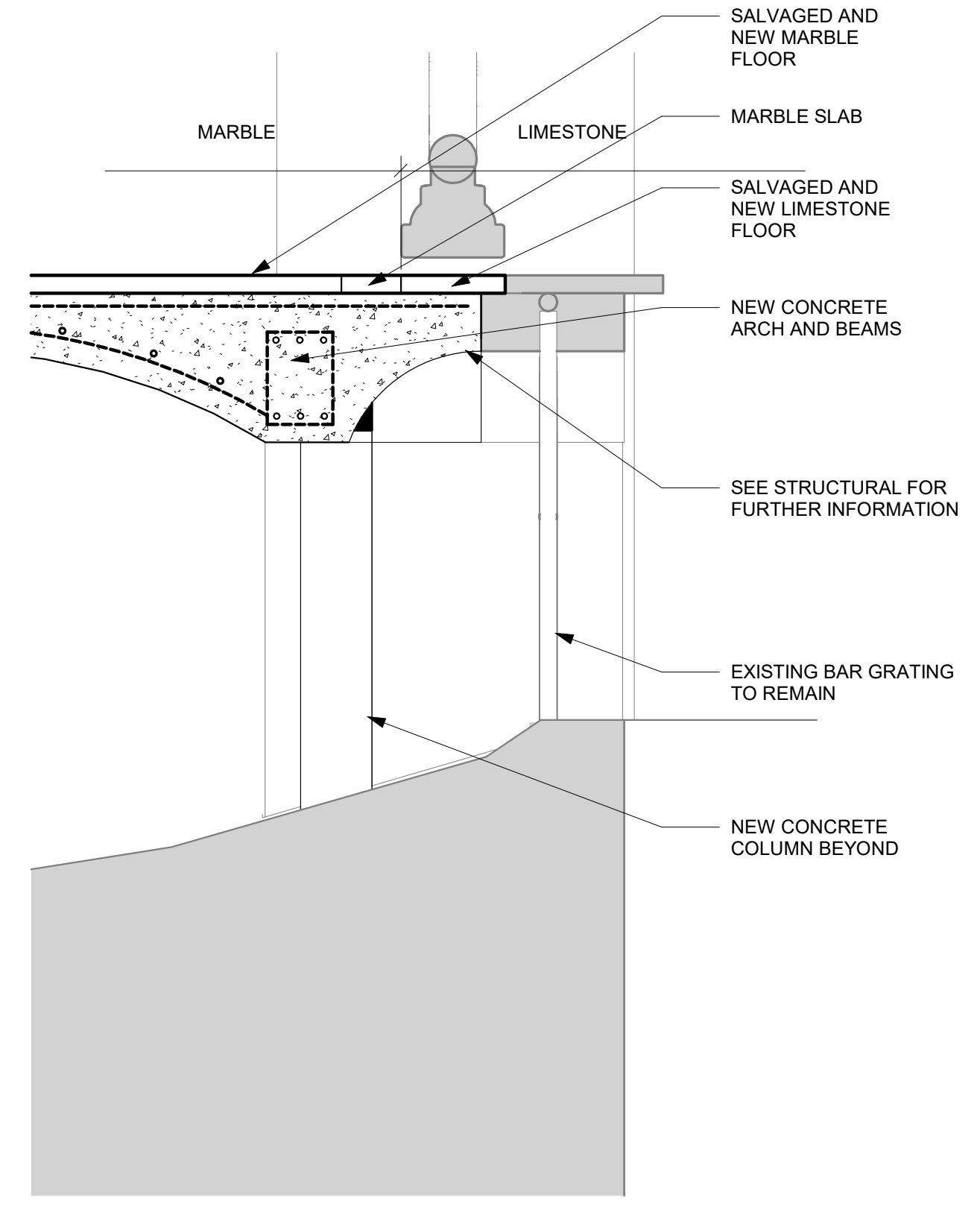
Revision	Description	Date



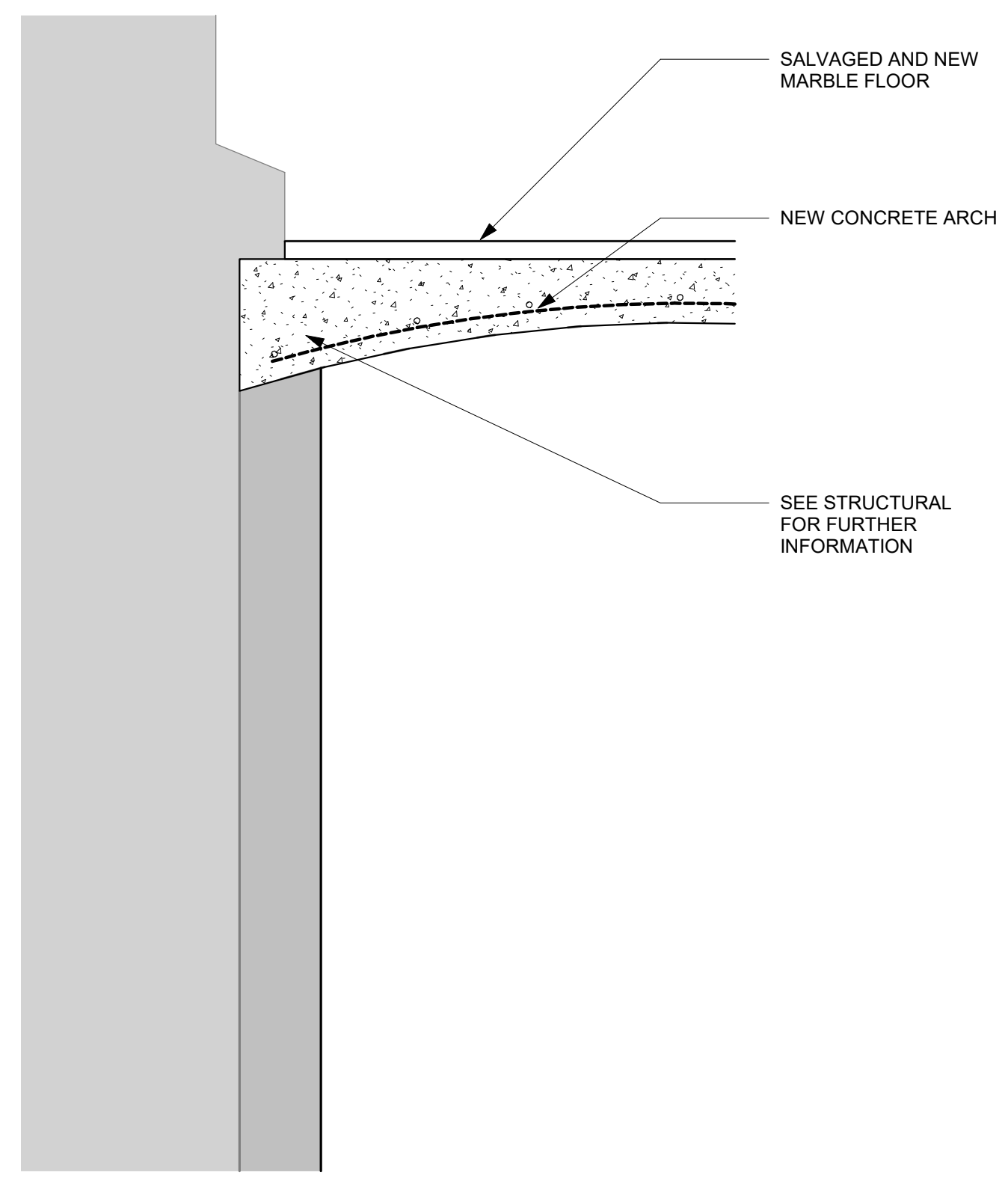
H2 SECTION - VAULT END TO WALL
1" = 1'-0"



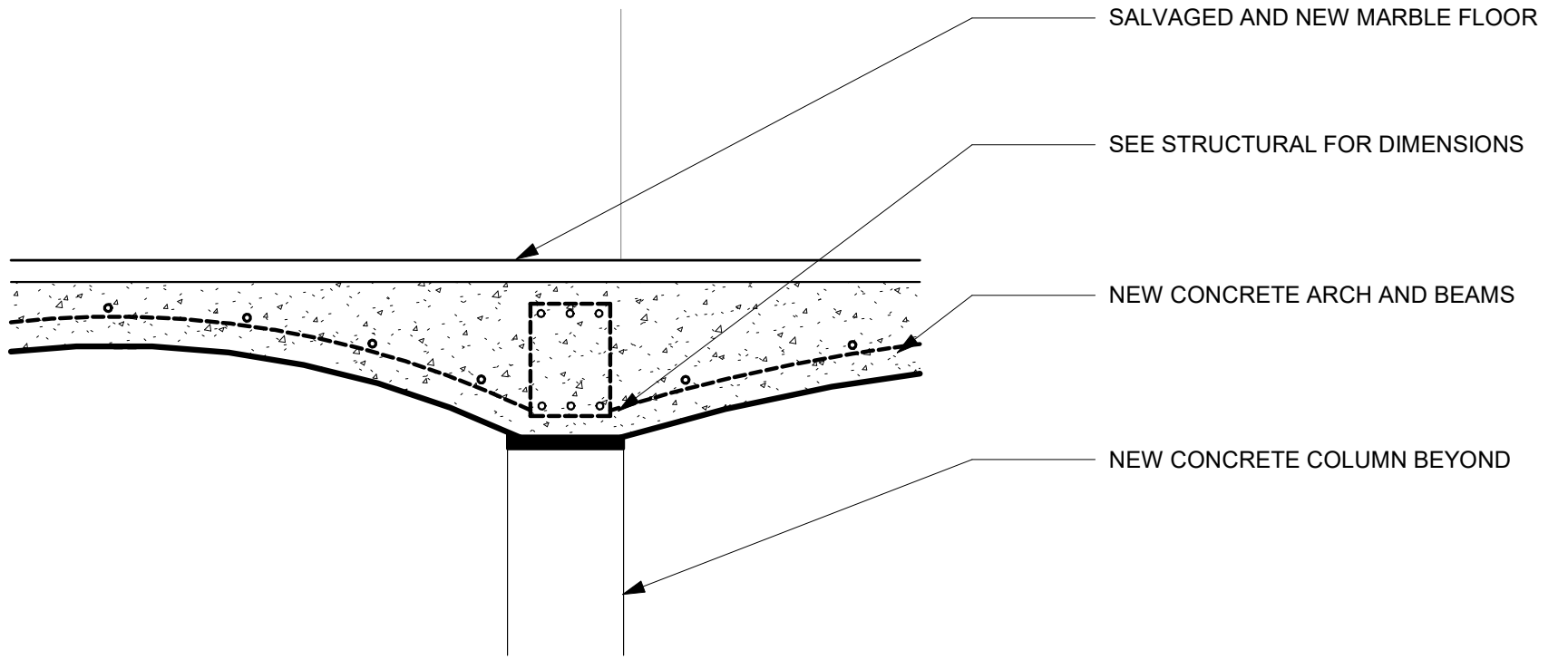
H6 SECTION - VAULT END TO GRILL
1" = 1'-0"



H12 SECTION - VAULT EDGE TO GRILL
1" = 1'-0"



H16 SECTION - VAULT EDGE TO WALL
1" = 1'-0"

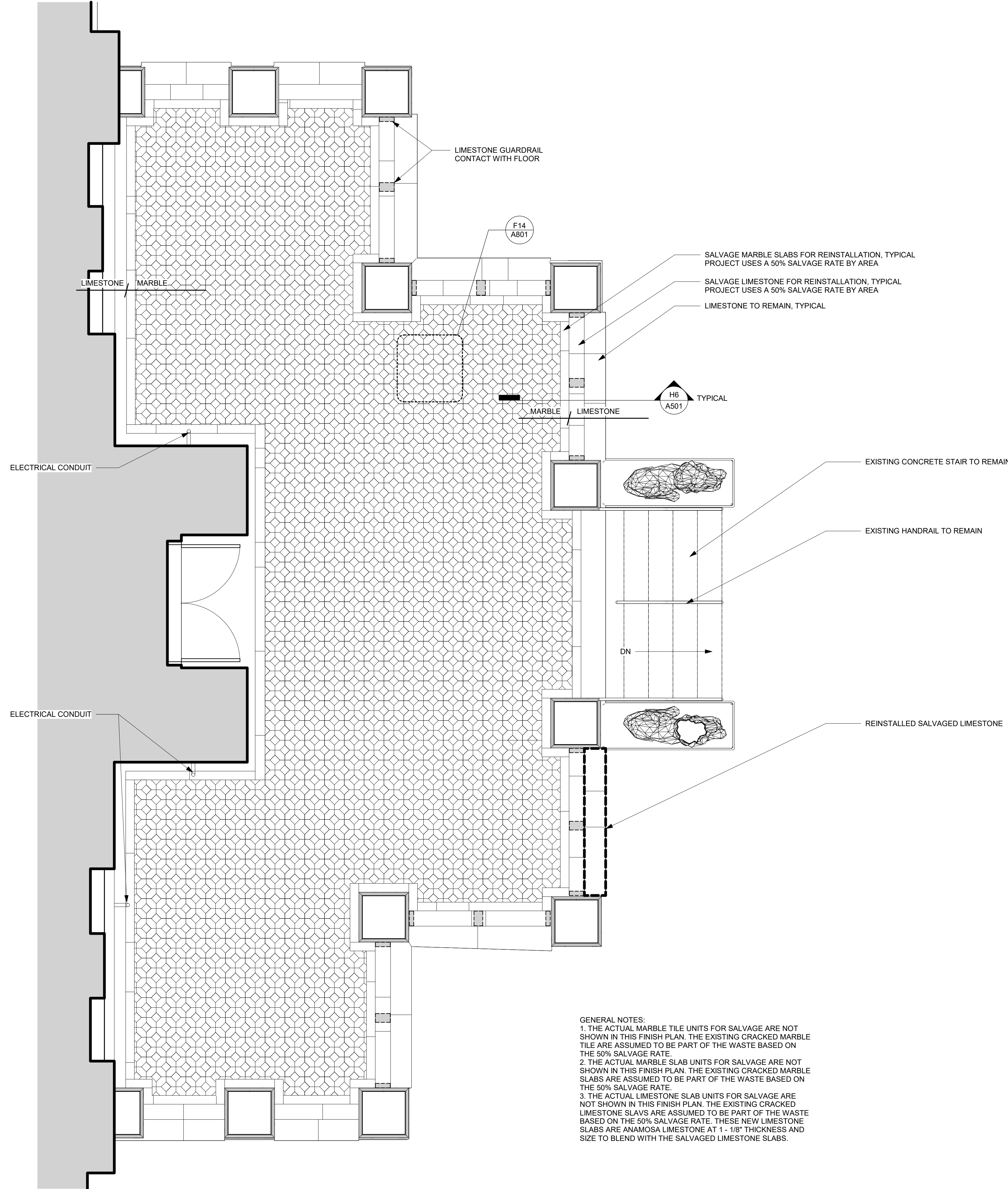


D2 SECTION - VAULT EDGE TO BEAM
1" = 1'-0"

Revision	Description	Date

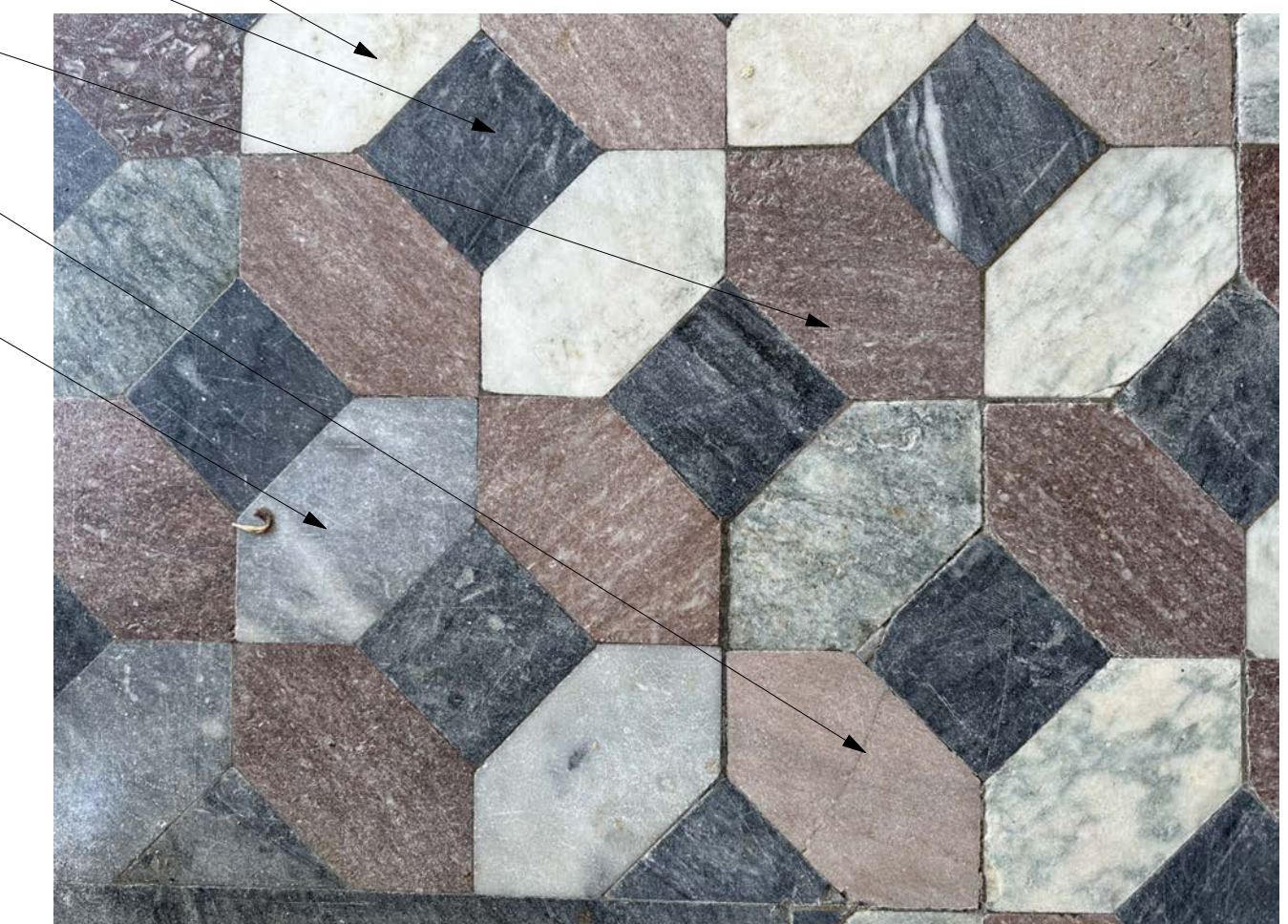
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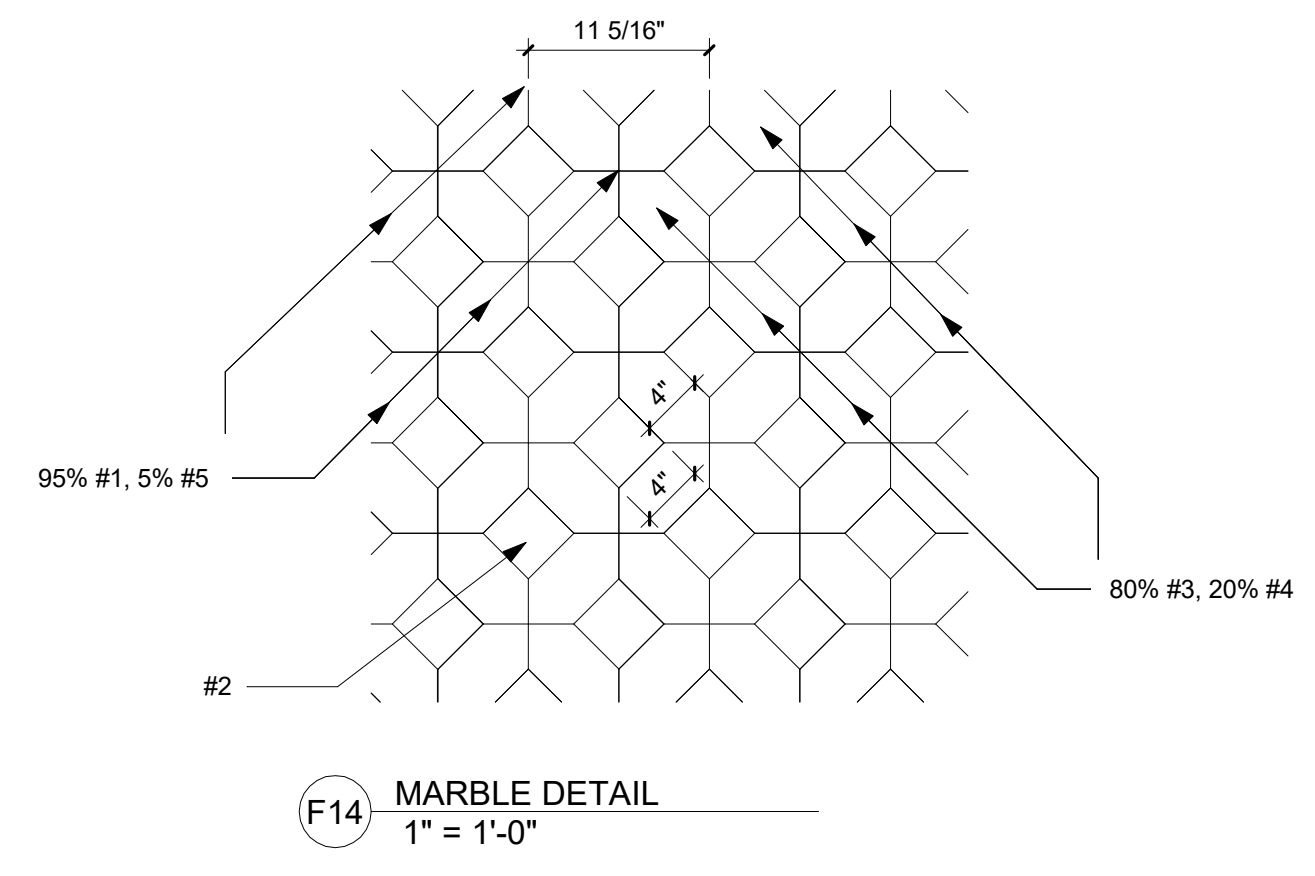


GENERAL NOTES:
 1. THE ACTUAL MARBLE TILE UNITS FOR SALVAGE ARE NOT SHOWN IN THIS FINISH PLAN. THE EXISTING CRACKED MARBLE TILE ARE ASSUMED TO BE PART OF THE WASTE BASED ON THE 50% SALVAGE RATE.
 2. THE ACTUAL MARBLE SLAB UNITS FOR SALVAGE ARE NOT SHOWN IN THIS FINISH PLAN. THE EXISTING CRACKED MARBLE SLABS ARE ASSUMED TO BE PART OF THE WASTE BASED ON THE 50% SALVAGE RATE.
 3. THE ACTUAL LIMESTONE SLAB UNITS FOR SALVAGE ARE NOT SHOWN IN THIS FINISH PLAN. THE EXISTING CRACKED LIMESTONE SLABS ARE ASSUMED TO BE PART OF THE WASTE BASED ON THE 50% SALVAGE RATE. THESE NEW LIMESTONE SLABS ARE ANAMOSA LIMESTONE AT 1 - 1/8" THICKNESS AND SIZE TO BLEND WITH THE SALVAGED LIMESTONE SLABS.

- MARBLE 1. WHITE
- MARBLE 2. BLACK
- MARBLE 3. CEDAR
- MARBLE 4. LIGHT ROSE
- MARBLE 5. PEARL SOLAR



MARBLE TILES
 1. PROJECT USES A 50% SALVAGE RATE BY AREA BASED AND COLOR.
 2. THE GOAL WILL BE BLEND THE EXISTING TILES WITH THE NEW TILES AND GRIND THE SURFACE FLUSH. THIS WILL REQUIRE THE EXISTING TILE TO HAVE THICKER SETTING BED AS THE 1/8" HEAVY THICKNESS OF THE 3CM MATERIAL WILL BE DEEPER THAN THE EXISTING MARBLE TILES.



A1 MARBLE FINISH PLAN
 3/8" = 1'-0"

Revision	Description	Date

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21