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	ALTERNATE #1 - RETAINING WALL
A801	MARBLE FINISH PLAN

OPN ARCHITECTS

100 Court Ave. Suite 100, Des Moines, IA 50309
P: 515-309-0722 F: 515-309-0725 www.opnarchitects.com

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.

Richard S. Seely, AIA 2981 — LICENSED PROFESSIONAL ARCHITECT — IOWA

Signature: Digitally signed by Rick Seely AIA Date: 2024.12.13 18:24:06-06'00'

Name: Richard S. Seely, AIA

Iowa Registration No: 2981 **Renewal Date:** 6/30/2025

Sheets covered by this seal: Listed As "Architectural"

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.

Brad Hill, PE 19593 — LICENSED PROFESSIONAL ENGINEER — IOWA

Signature:

Name: Bradley C. Hill, PE

Iowa Registration No: 19593 **Renewal Date:** 12/31/2026

Sheets covered by this seal: Listed As "Structural"

ARCHITECT

OPN ARCHITECTS
100 COURT AVENUE
DES MOINES, IA 50309

CONSTRUCTION MANAGER

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309

STRUCTURAL ENGINEER

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

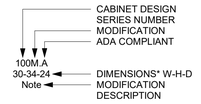
REBID SET

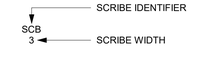
PRINTED: 12/4/2024 3:19:41 PM

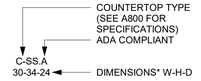
STANDARD ABBREVIATIONS

#	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
OFCI	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
ST 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
W/	WITH
W/O	WITHOUT
WD	WOOD
WGH	WALLGUARD HANDRAIL
WM	WALK-OFF MAT
WP	WALL PROTECTION
WT	WINDOW TREATMENT
WWF	WELDED WIRE FABRIC

STANDARD SYMBOLS



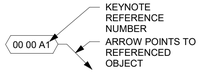




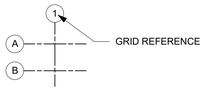
*FOR BASE CABINETS AND COUNTERTOPS HEIGHT IS MEASURED FROM FINISH FLOOR TO TOP OF COUNTERTOP

CASEWORK IDENTIFICATION

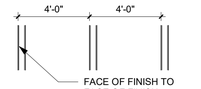
CURTAIN WALL/ STOREFRONT IDENTIFICATION



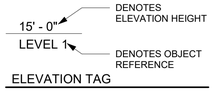
KEYNOTE REFERENCE



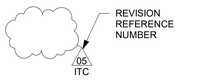
STRUCTURAL GRID



DIMENSIONS

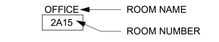


ELEVATION TAG

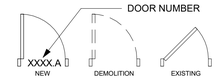


DRAWING REVISION

STANDARD SYMBOLS

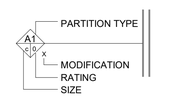


ROOM IDENTIFICATION



DOOR IDENTIFICATION

CEILING IDENTIFICATION

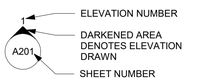


WALL IDENTIFICATION

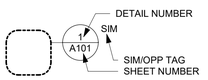
ROOF/FLOOR IDENTIFICATION

WINDOW IDENTIFICATION

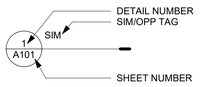
MATCH LINE



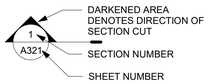
ELEVATION REFERENCE



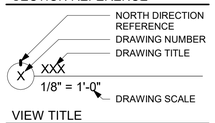
PLAN DETAIL REFERENCE



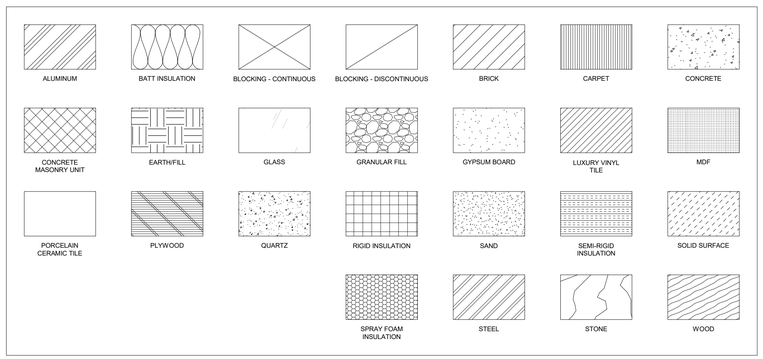
DETAIL REFERENCE



SECTION REFERENCE



VIEW TITLE



GENERAL INFORMATION - STANDARD ARCHITECTURAL MATERIAL DEFINITIONS

OPN ARCHITECTS

100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

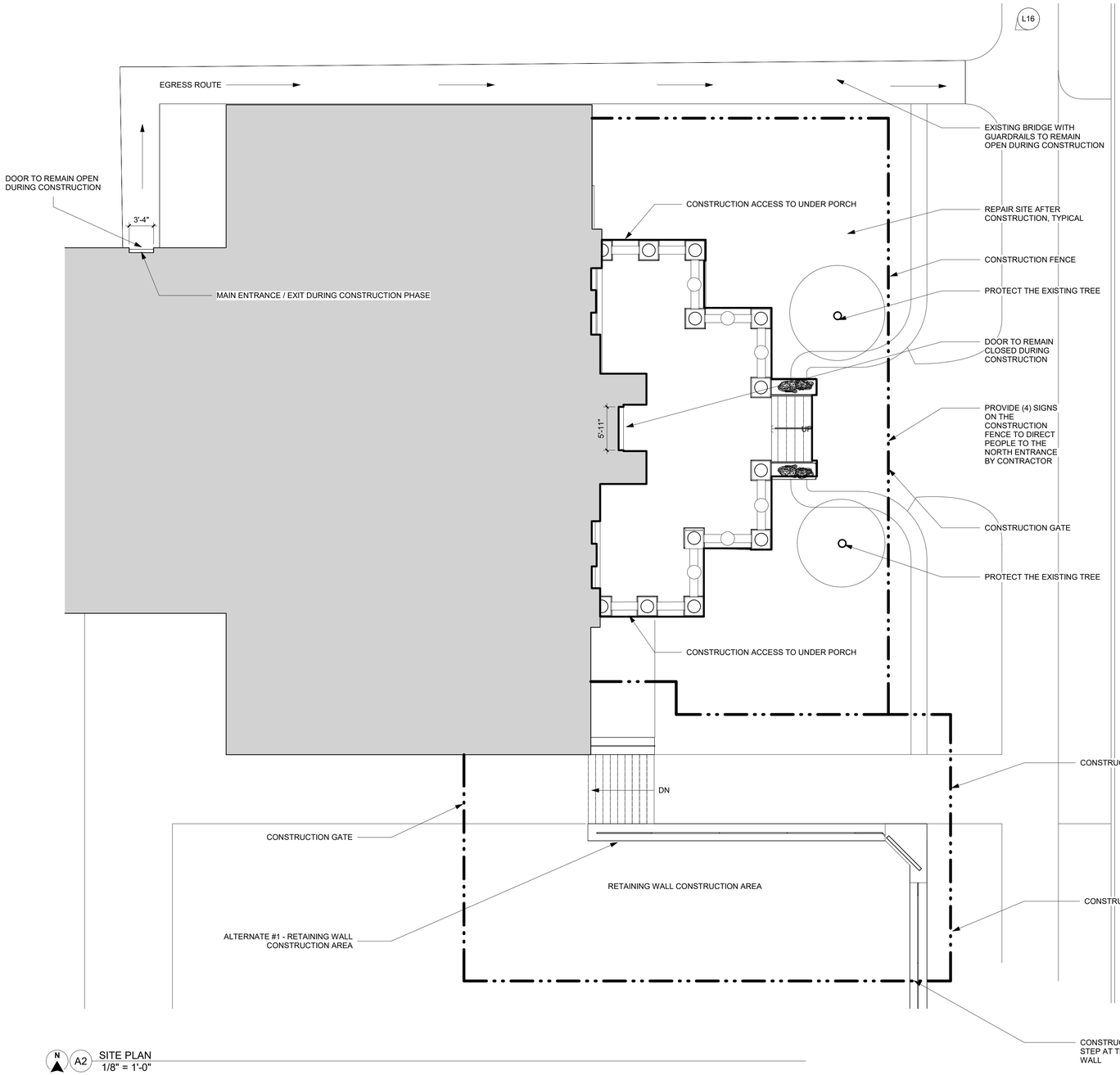
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
GENERAL DRAWING INFORMATION

Sheet Number
A000

PRINTED: 12/4/2024 3:19:45 PM



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

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

OPN ARCHITECTS
100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
SITE ACCESS PLAN

Sheet Number
A001

DP DESIGN PARAMETERS

DP1 THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE ICC INTERNATIONAL BUILDING CODE, 2018 EDITION.

DP2 UNIFORM LIVE LOADS:
TYPICAL @ PORCH 100 PSF

DP3 ALLOWABLE FRAMING DEFLECTIONS:
FLOOR LIVE LOAD L/360
FLOOR TOTAL LOAD L/240

DP4 ASSUMED FUTURE CONSTRUCTION:
VERTICAL NONE
HORIZONTAL NONE

SU SUBMITTALS

SU1 GENERAL CONTRACTOR TO PROVIDE A SHOP DRAWING SUBMITTAL LOG ITEMIZING ALL PROPOSED SUBMITTALS FOR APPROVAL BY STRUCTURAL ENGINEER OF RECORD.

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.

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

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.

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.

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.

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.

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.

FP FOUNDATION PARAMETERS

FP1 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 1806.2. AS EXCAVATION PROGRESSES, UNANTICIPATED SOIL CONDITIONS MAY REQUIRE CHANGES. CONTACT STRUCTURAL ENGINEER OF RECORD FOR EVALUATION OF THESE CHANGES.

FP2 ALLOWABLE SOIL BEARING PRESSURE
CONTINUOUS FOOTINGS..... 1500 PSF
SQUARE FOOTINGS..... 1500 PSF

FP3 MINIMUM FOOTING DEPTH FOR FROST PROTECTION
(BELOW FINISHED GRADE)..... 42 IN.

FP4 DESIGN EARTH PRESSURES:
ACTIVE..... 35 PCF
PASSIVE..... 260 PCF
AT REST..... 60 PCF

TYPICAL STRUCTURAL ABBREVIATIONS
(PERIODS w/ ABBREVIATIONS MAY BE OMITTED WITHOUT CHANGING MEANING).

&	AND	L.L.H.	LONG LEG HORIZONTAL
@	AT	L.L.V.	LONG LEG VERTICAL
A.B.	ANCHOR BOLT	L.P.	LOW POINT
A.C.I.	AMERICAN CONCRETE INSTITUTE	LB.	POUND
A.E.S.S.	ARCHITECTURALLY EXPOSED STRUCTURAL STEEL	L.S.H.	LONG SIDE HORIZONTAL
		L.S.V.	LONG SIDE VERTICAL
A.I.S.C.	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	LONG.	LONGITUDINAL
		LT. GA.	LIGHT GAGE
A.S.T.M.	AMERICAN SOCIETY FOR TESTING AND MATERIALS	M.E.P.	MECHANICAL, ELECTRICAL, PLUMBING
ADD.	ADDENDUM	M.S.J.C.	MASONRY STANDARDS JOINT COMMITTEE
ADD'L.	ADDITIONAL		
ALT.	ALTERNATE	MAX.	MAXIMUM
ARCH.	ARCHITECTURAL	MECH.	MECHANICAL
B.P.	BASE PLATE	MFR.	MANUFACTURER
B/	BOTTOM OF	MIN.	MINIMUM
BLDG.	BUILDING	MISC.	MISCELLANEOUS
BRG.	BEARING	MTL.	METAL
C.I.P.	CAST IN PLACE	N.D.S.	NATIONAL DESIGN SPECIFICATION
C.J.	CONSTRUCTION JOINT		
C.M.U.	CONCRETE MASONRY UNIT	N.I.C.	NOT IN CONTRACT
C.P.	COMPLETE PENETRATION	N.S.	NEAR SIDE
CL	CENTERLINE	N.T.S.	NOT TO SCALE
CLG.	CEILING		
CLR.	CLEAR	O.C.	ON CENTER
CONC.	CONCRETE	O.S.H.A.	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
CONN.	CONNECTION		
CONST.	CONSTRUCTION	O.W.J.	OPEN WEB JOIST
CONT.	CONTINUOUS	OPNG.	OPENING
		OPP.	OPPOSITE
CONTR.	CONTRACTOR		
D.B.A.	DEFORMED BAR ANCHOR	P.C.I.	PRECAST/PRESTRESSED CONCRETE INSTITUTE
D.L.	DEAD LOAD		
DET.	DETAIL	P.P.	PARTIAL PENETRATION
DIA. or Φ	DIAMETER	P.S.I.	POUNDS PER SQUARE INCH
DIAG.	DIAGONAL	P.S.F.	POUNDS PER SQUARE FOOT
DIM.	DIMENSION	P.C.F.	POUNDS PER CUBIC FOOT
DN.	DOWN	PL	PLATE
DWGS.	DRAWINGS	PLBG.	PLUMBING
E.F.	EACH FACE	QTY.	QUANTITY
E.J.	EXPANSION JOINT		
E.W.	EACH WAY	R or RAD.	RADIUS
EA.	EACH	REF.	REFERENCE
EL.	ELEVATION	REINF.	REINFORCING
ELEC.	ELECTRICAL	REQ'D.	REQUIRED
EQ.	EQUAL	REV.	REVISION
EXT.	EXTERIOR	RRE	RAKER RHODES ENGINEERING
F.S.	FAR SIDE	S.D.I.	STEEL DECK INSTITUTE
FIN.	FINISH	S.J.I.	STEEL JOIST INSTITUTE
FM	FOUNDATION MISCELLANEOUS	S.O.G.	SLAB ON GRADE
FNDN.	FOUNDATION	SCHED.	SCHEDULE
FT	FOOT/FEET	SIM.	SIMILAR
		SPA.	SPACING/SPACES
GA.	GAGE	SPECS.	SPECIFICATIONS
GALV.	GALVANIZED	STD.	STANDARD
GC.	GENERAL CONTRACTOR	STRUC.	STRUCTURAL
H.P.	HIGH POINT	T/	TOP OF
HORIZ.	HORIZONTAL	TYP.	TYPICAL
HT.	HEIGHT	U.N.O.	UNLESS NOTED OTHERWISE
I.B.C.	INTERNATIONAL BUILDING CODE	VERT.	VERTICAL
IN.	INCH/INCHES	V.I.F.	VERIFY IN FIELD (FIELD VERIFY)
INT.	INTERIOR	w/	WITH
K or k	KIP	w/o	WITHOUT
		W.F.	WIDE FLANGE
L	ANGLE	W.P.	WORKPOINT
L.L	LIVE LOAD	W.W.F.	WELDED WIRE FABRIC

CN CONCRETE NOTES

CN1 CONCRETE WORK SHALL CONFORM TO CHAPTER 19 OF THE IBC.

CN2 WHERE NEW CONCRETE IS PLACED AGAINST EXISTING CONCRETE, THE EXISTING CONCRETE SURFACE SHALL BE CLEANED AND ROUGHENED TO A MINIMUM OF 1/4" AMPLITUDE.

CN3 ALL EXPOSED EDGES OF CONCRETE MEMBERS SHALL BE CHAMFERED 3/4" U.N.O.

CN4 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.
CN4.2 VERIFY ALL BLOCK OUTS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING REQUIREMENTS PRIOR TO POURING.

CN5 CONCRETE REINFORCEMENT:
CN5.1 DETAILING, FABRICATION, AND PLACEMENT OF REINFORCEMENT SHALL CONFORM TO ACI-315.
CN5.2 ALL REINFORCEMENT TO BE ASTM A615 GRADE 60 U.N.O. WELDED WIRE FABRIC TO BE ASTM A185 WITH WIRE CONFORMING TO ASTM A82. REINFORCING STEEL SHALL BE SECURELY TIED IN PLACE USING #16 ANNEALED IRON WIRE. REINFORCEMENT SHALL BE CONTINUOUS THROUGH ALL CONSTRUCTION JOINTS, U.N.O.
CN5.3 ALL CONTINUOUS REINFORCING SHALL BE SPLICED USING CLASS B TENSION SPLICES, U.N.O.
CN5.4 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.
CN5.5 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.
CN5.6 ADD TWO DIAGONAL #5 BARS, FOUR FEET LONG, CENTERED, AT EACH CORNER OF FOUNDATION OR SLAB OPENING, U.N.O.
CN5.7 U.N.O., INSTALL WWF 1 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 6". AT CONSTRUCTION JOINTS, LOCATE WWF AT MID DEPTH OF SLAB.

CN6 COVERAGE FOR REINFORCEMENT:
CN6.1 CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH..... 3"
CN6.2 CONCRETE EXPOSED TO EARTH AND WEATHER:
#6 THRU #18 BARS..... 2"
#5 BAR, W31 OR D31 WIRE AND SMALLER..... 1 1/2"
CN6.3 CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
SLABS, WALLS, JOISTS:
#14 AND # 18..... 1 1/2"
#11 BAR AND SMALLER..... 3/4"
BEAMS, COLUMNS:
PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS..... 1 1/2"

CN7 CONCRETE COMPRESSIVE STRENGTHS SHALL BE VERIFIED BY STANDARD 28-DAY CYLINDER TESTS PER ASTM C39 AND SHALL BE AS FOLLOWS:
FOOTINGS..... f'c = 3,000 PSI
GRADE BEAMS/PILECAPS..... f'c = 4,000 PSI
WALLS/PIERS/COLUMNS..... f'c = 4,000 PSI
SLABS ON GRADE..... f'c = 4,000 PSI
TOPPING SLABS..... f'c = 4,000 PSI

CN8 SPECIAL INSPECTOR SHALL BE NOTIFIED IF ANY WATER IS TO BE ADDED IN FIELD.

CN9 CONCRETE FOUNDATIONS:
CN9.1 ALL FOUNDATION EXCAVATIONS MUST BE REVIEWED AND APPROVED BY THE SOILS ENGINEER PRIOR TO PLACEMENT OF CONCRETE.
CN9.2 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.
CN9.3 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.
CN9.4 ALL FOUNDATION COLD JOINTS SHALL BE KEYED. CONTINUOUS REINFORCING SHALL EXTEND ONE DEVELOPMENT LENGTH PLUS 6". LOCATE FOUNDATION COLD JOINTS AT EXPANSION JOINTS IN MASONRY VENEER WHEN POSSIBLE.
CN9.5 REINFORCING SHOWN ON DETAILS IS THE REQUIRED MINIMUM. AT CONTRACTOR'S OPTION AND EXPENSE, ADDITIONAL REINFORCING MAY BE PERMITTED TO ASSIST IN EASE OF CONSTRUCTABILITY ADDITIONAL REINFORCING MUST BE SUBMITTED FOR REVIEW ON SHOP DRAWINGS.

CN10 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.

CN11 SLAB CONTROL JOINTS:
CN12.1 PROVIDE SLAB CONTROL JOINTS FOR THE FOLLOWING, U.N.O.:
• SLAB..... 10' ± 2'
CN12.2 PROVIDE SLAB CONTROL JOINTS ON GRID LINE WHERE PRACTICAL.
CN12.3 MAINTAIN A SLAB CONTROL JOINT ASPECT RATIO OF APPROXIMATELY 1:1.

CN12 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.

CN13 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.
CN14.2 U.N.O., DEFORMED BAR ANCHORS (D.B.A.) SHALL BE NELSON, TYPE D2L, OR APPROVED EQUIVALENT AND SHALL BE AUTOMATICALLY END WELDED BY UTILIZING THE MANUFACTURER'S STANDARD EQUIPMENT IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
CN14.3 U.N.O., EXPANSION BOLTS TO BE HILTI KWIK BOLT TZ OR APPROVED EQUIVALENT WITH EQUAL ICC TENSION AND SHEAR VALUES. EXPANSION ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT CUT REINFORCING IN NEW OR EXISTING CONCRETE DURING INSTALLATION.
CN14.4 U.N.O., EPOXY ANCHORS TO BE HILTI HIT-RE 500 V3 OR APPROVED EQUIVALENT WITH EQUAL ICC TENSION AND SHEAR VALUES. EPOXY ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. DO NOT CUT REINFORCING IN NEW OR EXISTING CONCRETE DURING INSTALLATION.

CN15 EPOXY REPAIR ADHESIVE SHALL CONFORM TO ASTM C881 AND SHALL BE A TWO-COMPONENT, LIQUID EPOXY WITH NON-SAG CONSISTENCY AND A LONG POT LIFE. THE EPOXY ADHESIVE SHALL BE SUITABLE FOR USE IN DRY OR DAMP CONDITIONS. MINIMUM SHEAR STRENGTH SHALL BE 5,000 PSI; MINIMUM TENSILE STRENGTH SHALL BE 4,000 PSI. HOLE SIZES AND INSTALLATION SHALL BE IN STRICT COMPLIANCE WITH THE APPROVED ICC REQUIREMENTS. DO NOT CUT REINFORCING IN NEW OR EXISTING CONCRETE DURING PLACEMENT.

CN16 COLD WEATHER PROTECTION
CN16.1 DURING COLD WEATHER CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR PROTECTING CURING CONCRETE PER THE RQMTS. OF ACI 306.
CN16.2 DURING COLD WEATHER CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR PROTECTING FOUNDATIONS THAT DO NOT EXTEND TO FROST DEPTH FROM HEAVING. AT CONTRACTOR'S OPTION, BOTTOM OF FOOTINGS MAY BE EXTENDED BEYOND THE FROST ZONE, IN LIEU OF SURFACE PROTECTION METHODS. NO ADD'L REINFORCING WILL BE REQ'D AT EXTENDED FOUNDATIONS. ALL MITIGATION WORK SHALL BE PART OF THE CONTRACTOR BID AND NOT COMPENSIBLE BY CHANGE ORDER.
CN16.3 CONTRACTOR TO PROVIDE A FROST STOOP PER TYP. STOOP DETAIL @ ALL EXTERIOR DOORS, SEE ARCH. FOR DOOR LOCATIONS.

SP SPECIAL INSPECTION

SP1 SPECIAL INSPECTION PROGRAM SHALL CONFORM TO CHAPTER 17 OF THE IBC.

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.

SP3 SPECIAL INSPECTION REPORTS SHALL BE FURNISHED TO BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND CONTRACTOR.

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.

SP5 SPECIAL INSPECTION PROGRAM:

VERIFICATION AND INSPECTION	FREQUENCY / TASK
CONCRETE	
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, & VERIFY PLACEMENT.	PERIODIC
2. INSPECT REINFORCING BAR WELDING:	
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706.	PERIODIC
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16".	PERIODIC
C. INSPECT ALL OTHER WELDS.	CONT.
3. INSPECT ANCHORS CAST IN CONCRETE.	PERIODIC
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS:	
A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	CONT.
B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	PERIODIC
5. VERIFY USE OF REQUIRED DESIGN MIX.	PERIODIC
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP & AIR CONTENT TESTS AND DETERMINE CONCRETE TEMPERATURE.	CONT.
7. INSPECT CONCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	CONT.
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE & TECHNIQUES.	PERIODIC
9. INSPECT PRECAST CONCRETE FOR:	
A. APPLICATION OF PRESTRESSING FORCES.	CONT.
B. GROUTING OF BONDED PRESTRESSING TENDONS.	CONT.
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	PERIODIC
11. VERIFY OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST TENSIONED CONCRETE & PRIOR TO REMOVAL OF SHORES & FORMS FROM BEAMS & STRUCTURAL SLABS.	PERIODIC
12. INSPECT FORMWORK FOR SHAPE, LOCATION & DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	PERIODIC

PROGRAM FOOTNOTES
1. THE ITEMS INDICATED ABOVE SHALL BE INSPECTED IN ACCORDANCE WITH CHAPTER 17 OF THE IBC BY A CERTIFIED SPECIAL INSPECTOR FROM AN ESTABLISHED TESTING AGENCY. FOR MATERIAL SAMPLING AND TESTING REQUIREMENTS, REFER TO THE PROJECT SPECIFICATIONS & THE SPECIFIC STRUCTURAL NOTES SECTIONS. THE TESTING AGENCY SHALL SEND COPIES OF ALL STRUCTURAL TESTING & INSPECTION REPORTS DIRECTLY TO THE ARCHITECT, STRUCTURAL ENGINEER, CONTRACTOR, & BUILDING OFFICIAL. ANY MATERIALS WHICH FAIL TO MEET THE PROJECT SPECIFICATIONS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. SPECIAL INSPECTION TESTING REQUIREMENTS APPLY EQUALLY TO ALL BIDDER DESIGNED COMPONENTS.
2. **CONT.** - CONTINUOUS SPECIAL INSPECTION. SPECIAL INSPECTOR IS PRESENT CONTINUOUSLY WHEN & WHERE THE WORK TO BE INSPECTED IS BEING PERFORMED. (IBC SECTION 202).
3. **PERIODIC** - PERIODIC SPECIAL INSPECTION. SPECIAL INSPECTOR IS INTERMITTENTLY PRESENT WHERE THE WORK TO BE INSPECTED HAS BEEN OR IS BEING PERFORMED. (IBC SECTION 202)
4. SPECIAL INSPECTION IS NOT REQUIRED FOR WORK PERFORMED BY AN APPROVED FABRICATOR (IBC SECTION 1704.2.5).

OPN ARCHITECTS
200 5th Ave. SE, Suite 201
Cedar Rapids, IA 52401
P: 319-363-6018
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

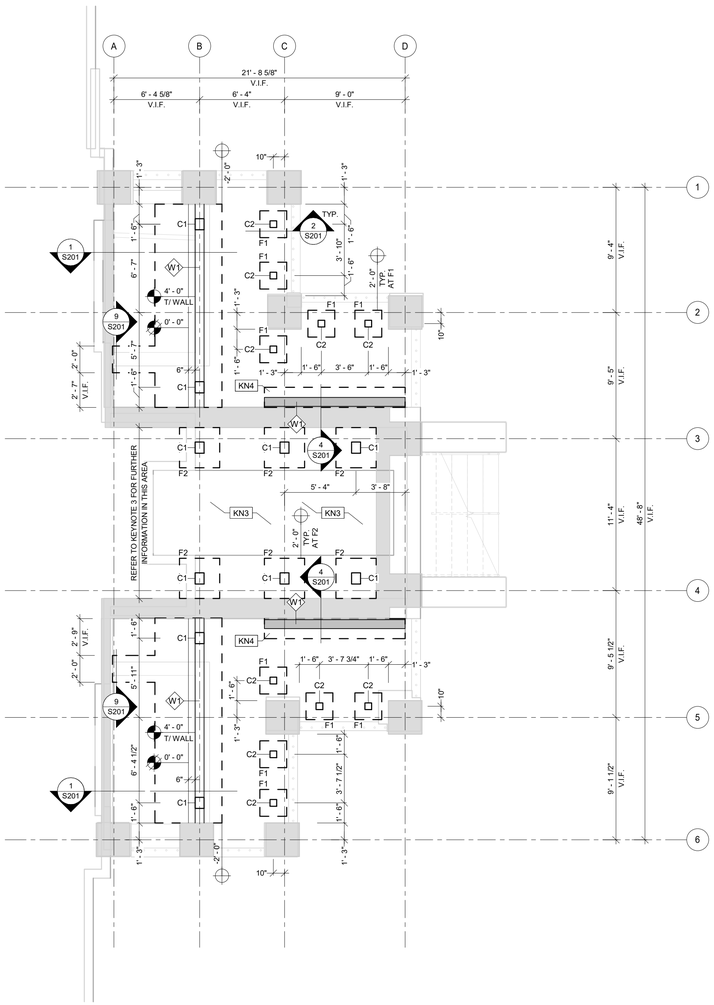
Revision	Description	Date

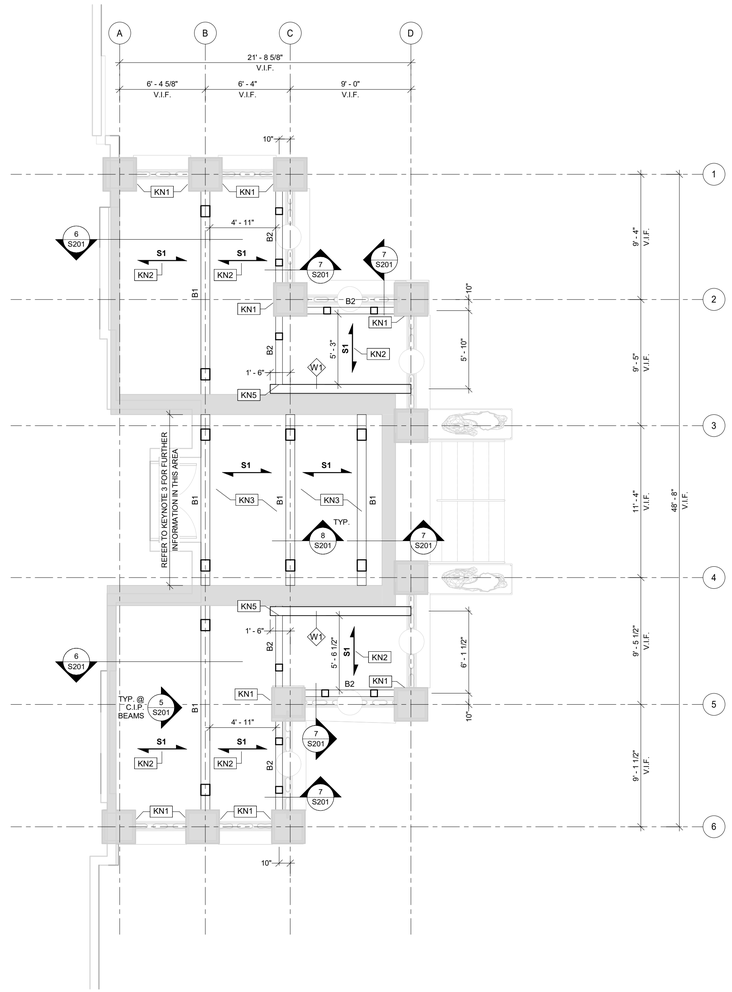
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
STRUCTURAL NOTES

Sheet Number
S001





A FOUNDATION PLAN

NORTH

3/16" = 1'-0"

PLAN NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL RELEVANT EXISTING INFORMATION, INCLUDING EXISTING DIMENSIONS, CONDITIONS AND FRAMING.
2. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND/OR UNDERPINNING OF EXISTING STRUCTURE NEEDED TO ACCOMMODATE NEW CONSTRUCTION.
3. SEE SHEET S201 FOR FOUNDATION DETAILS.
4. SEE ARCH. DRAWINGS FOR ALL ELEVATIONS NOT SHOWN ON PLAN. ALL T/ FTG 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.
5. REFER TO ARCH. DRAWINGS FOR EXISTING LIMESTONE REPAIRS.

B FRAMING PLAN

NORTH

3/16" = 1'-0"

PLAN NOTES:

1. CONTRACTOR TO FIELD VERIFY ALL RELEVANT EXISTING INFORMATION, INCLUDING EXISTING DIMENSIONS, CONDITIONS AND FRAMING.
2. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING AND/OR UNDERPINNING OF EXISTING STRUCTURE NEEDED TO ACCOMMODATE NEW CONSTRUCTION.
3. SEE SHEET S201 FOR FRAMING DETAILS.
4. SEE ARCH. DRAWINGS FOR ALL ELEVATIONS NOT SHOWN ON PLAN. ALL T/ FTG 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.
5. 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 E.W. - BOTTOM
F2	3' - 0"	3' - 0"	1' - 6"	(3) - #5 E.W. - BOTTOM

KEYED NOTES: - APPLICABLE ONLY WHEN REFERENCED ON PLAN

- KN1 — WHERE S1 SLAB SPANS TO EXISTING LIMESTONE PIER, PROVIDE #4 x 2'-0" DOWELS @ 6" O.C. w/ HILTI HIT-RE 500 V3 EPOXY (6" 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:
1. CAST-IN-PLACE CONCRETE WALL TO FOOTING DOWELS SHALL MATCH THE VERTICAL REINFORCMENT IN WALLS w/ STD. HOOKS.

COLUMN SCHEDULE

MARK	MATERIAL	SIZE	REINFORCEMENT		NOTES
		WIDTH X DEPTH	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:
1. SEE DETAIL 3 / S201 FOR TYPICAL CONCRETE SECTION

FLOOR SLAB SCHEDULE

MARK	MATERIAL	DEPTH	REINFORCEMENT		NOTES
			MAIN 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 ARCHED. SEE ARCH. DWGS, VERIFY w/ EXISTING CONDITIONS

NOTES:
1. SEE DETAIL 6 / S201 FOR GENERAL LAYOUT OF REINFORCING AND ADD'L INFORMATION

FLOOR BEAM SCHEDULE

MARK	MATERIAL	SIZE	REINFORCING BARS	STIRRUPS			NOTES
		WIDTH X DEPTH		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:
1. STIRRUPS TO START AT INSIDE FACE OF COLUMN AND WORK TOWARDS THE CENTER OF THE BEAM
2. SEE DETAIL 8 / S201 FOR TYPICAL CONCRETE SECTION

OPN ARCHITECTS

200 5th Ave. SE, Suite 201
Cedar Rapids, IA 52401
P: 319-363-6018
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

OPN Project No.

24817000

Sheet Issue Date

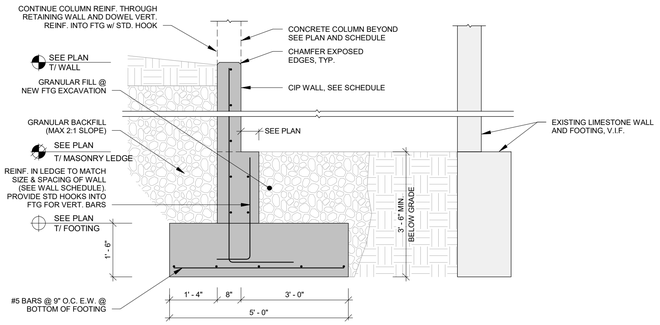
REBID SET **12/03/2024**

Sheet Name

FOUNDATION & FRAMING PLANS

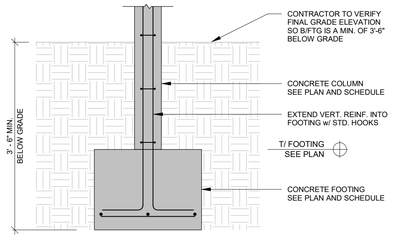
Sheet Number

S101



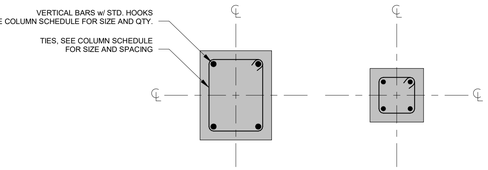
NOTES:
1. SEE ARCH. DRAWINGS FOR ELEVATIONS OF EXISTING CONDITIONS, G.C. TO VERIFY IN FIELD. ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS ARE BASED OFF OF ARCH. ELEVATIONS.
2. G.C. TO VERIFY ALL EXISTING CONDITIONS

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

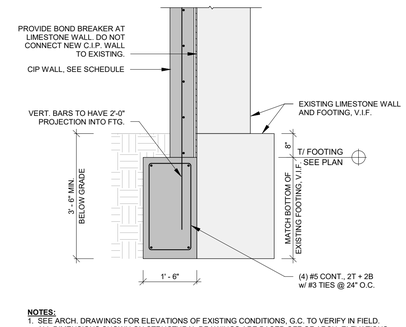


NOTES:
1. SEE ARCH. DRAWINGS FOR ELEVATIONS OF EXISTING CONDITIONS, G.C. TO VERIFY IN FIELD. ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS ARE BASED OFF OF ARCH. ELEVATIONS
2. G.C. TO VERIFY ALL EXISTING CONDITIONS

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



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



NOTES:
1. SEE ARCH. DRAWINGS FOR ELEVATIONS OF EXISTING CONDITIONS, G.C. TO VERIFY IN FIELD. ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS ARE BASED OFF OF ARCH. ELEVATIONS.
2. G.C. TO VERIFY ALL EXISTING CONDITIONS

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

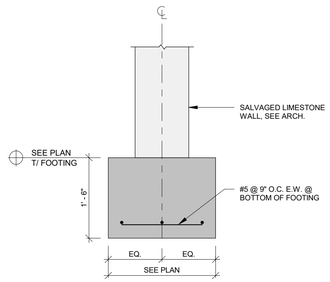
5 TYPICAL CIP BEAM DETAIL
3/4" = 1'-0"

NOTES:
1. SEE ARCH. FOR ALL NON-STRUCTURAL COMPONENTS.
2. SEE SCHEDULES FOR SIZE & SPACING OF BARS & TEMP. REINFORCING
3. CONTRACTOR TO VERIFY ALL RELEVANT EXISTING INFORMATION

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"

OPN ARCHITECTS
200 5th Ave. SE, Suite 201
Cedar Rapids, IA 52401
P: 319-363-6018
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision Description Date

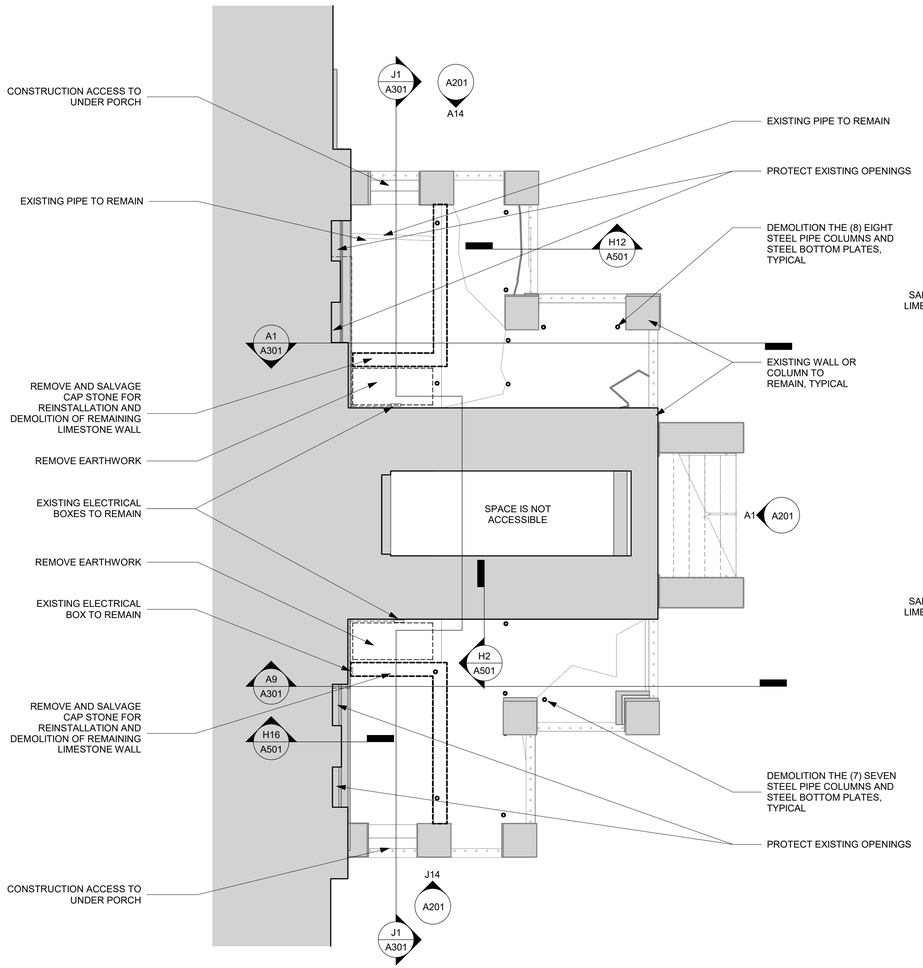
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

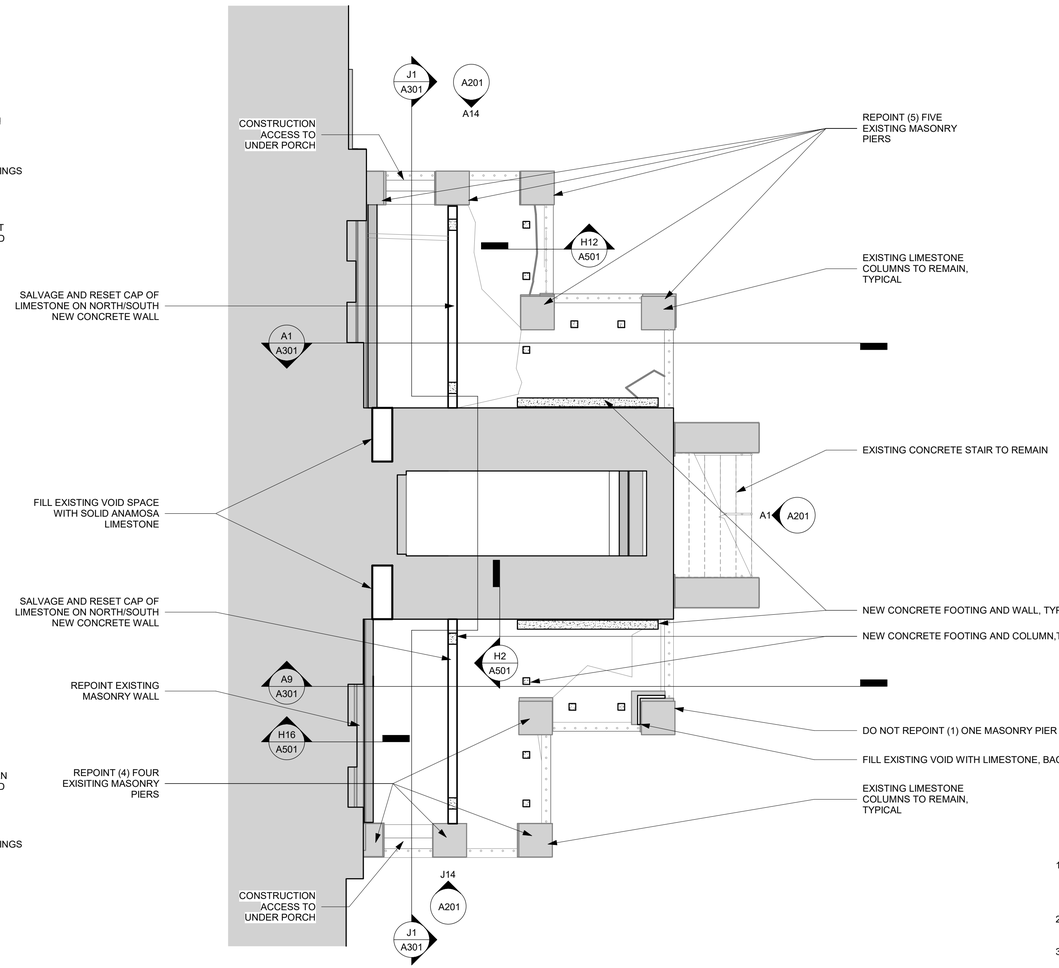
Sheet Name
STRUCTURAL DETAILS

Sheet Number
S201

PRINTED: 12/4/2024 3:19:46 PM



N C1 DEMOLITION PLAN - BASEMENT LEVEL
3/16" = 1'-0"



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

LEGEND - LIMESTONE

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

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.

OPN ARCHITECTS

100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

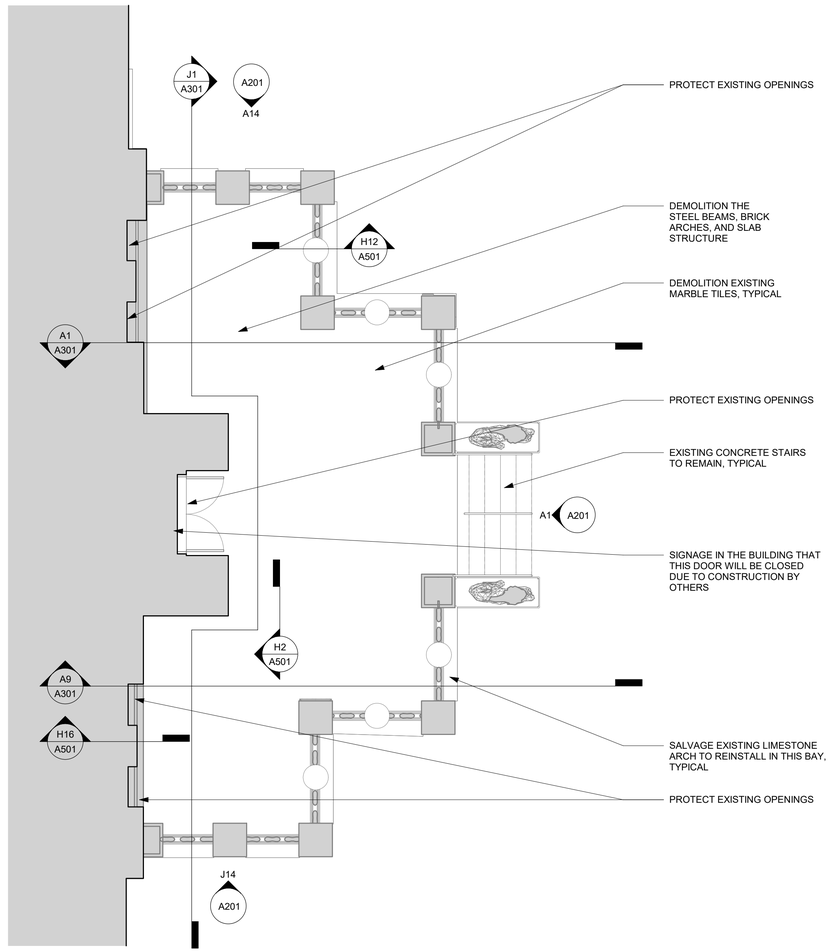
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
BASEMENT LEVEL

Sheet Number
A100

PRINTED: 12/4/2024 3:19:49 PM



N D2 DEMOLITION PLAN - FIRST LEVEL
3/16" = 1'-0"

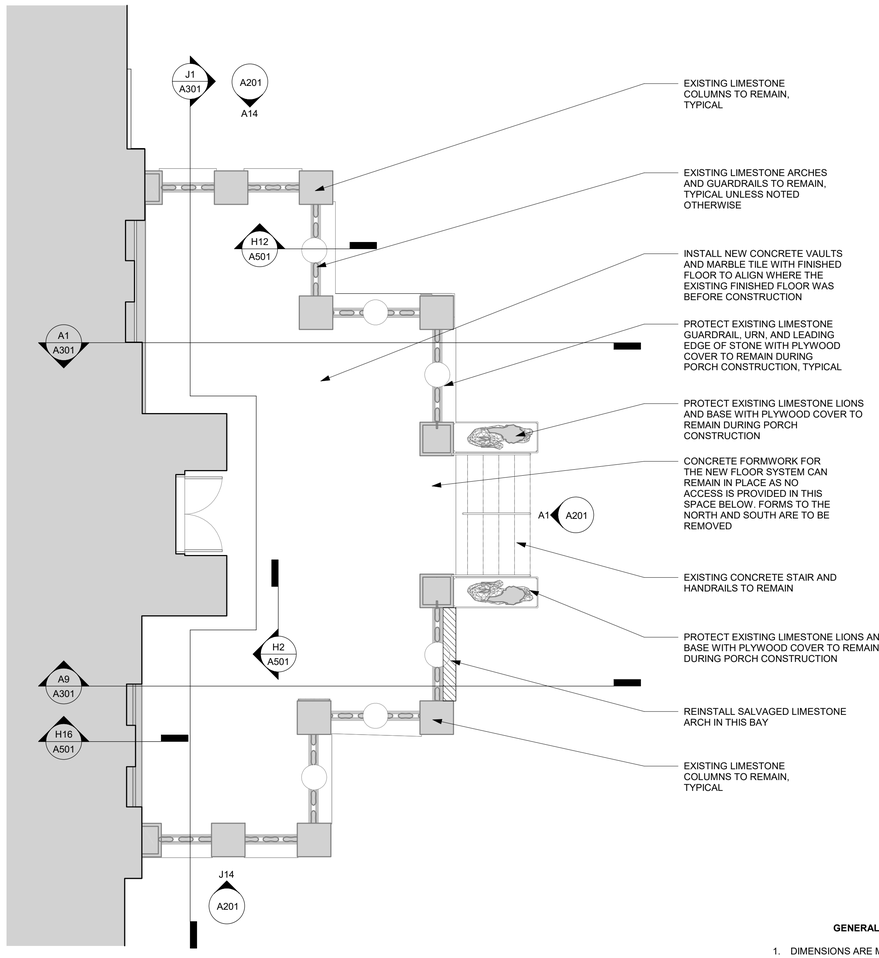
GENERAL NOTES:

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.

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

LEGEND - LIMESTONE

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



N D12 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.

OPN ARCHITECTS

100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
FIRST LEVEL

Sheet Number
A101

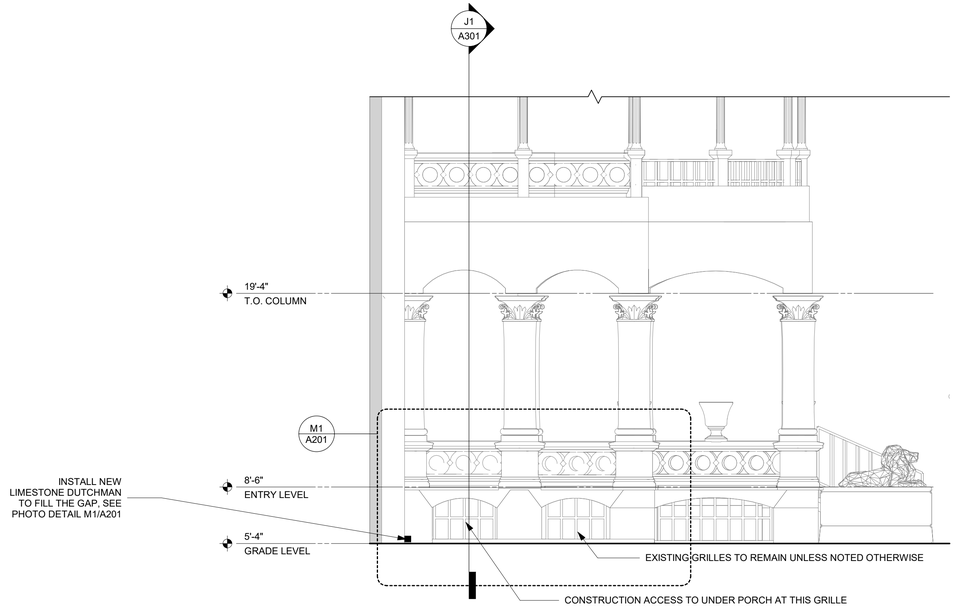
PRINTED: 12/4/2024 3:19:53 PM

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

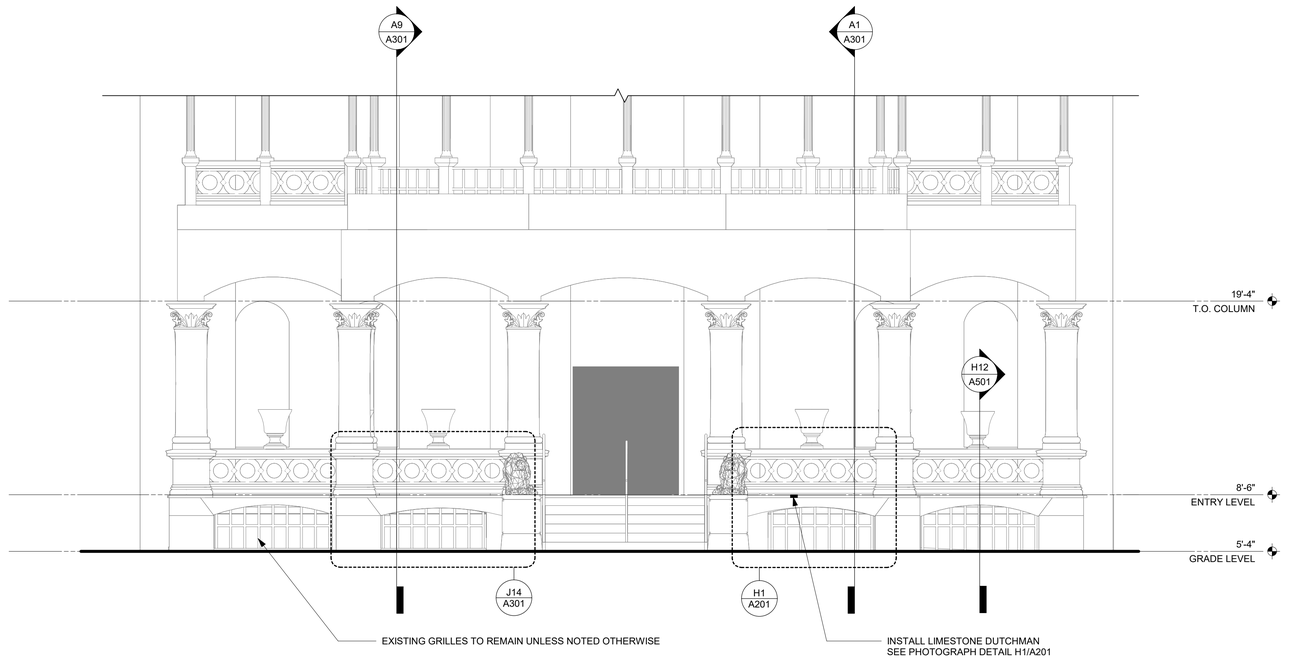
M1 PHOTOGRAPH OF SOUTH DUTCHMAN

INSTALL NEW LIMESTONE DUTCHMAN FABRICATED TO MATCH THE ADJACENT PROFILES

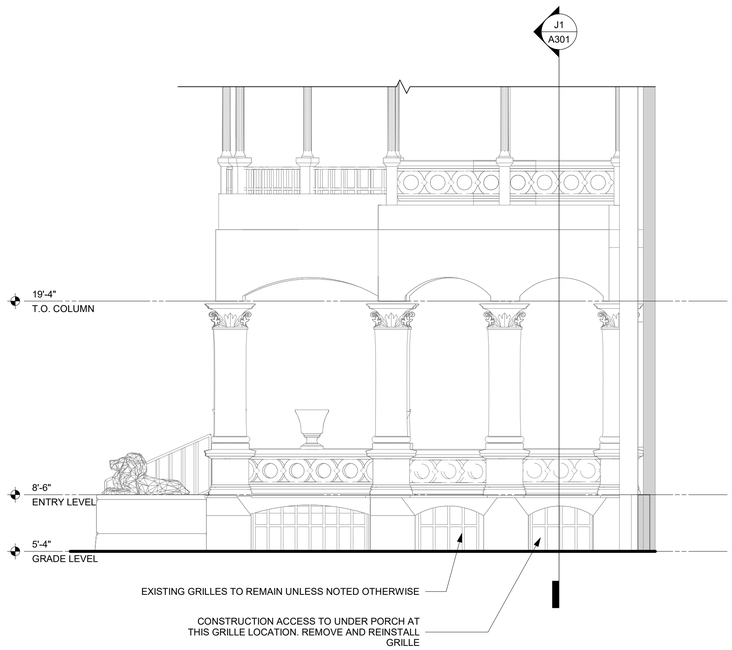
H1 PHOTOGRAPH OF EAST DUTCHMAN



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



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



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

OPN ARCHITECTS

100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

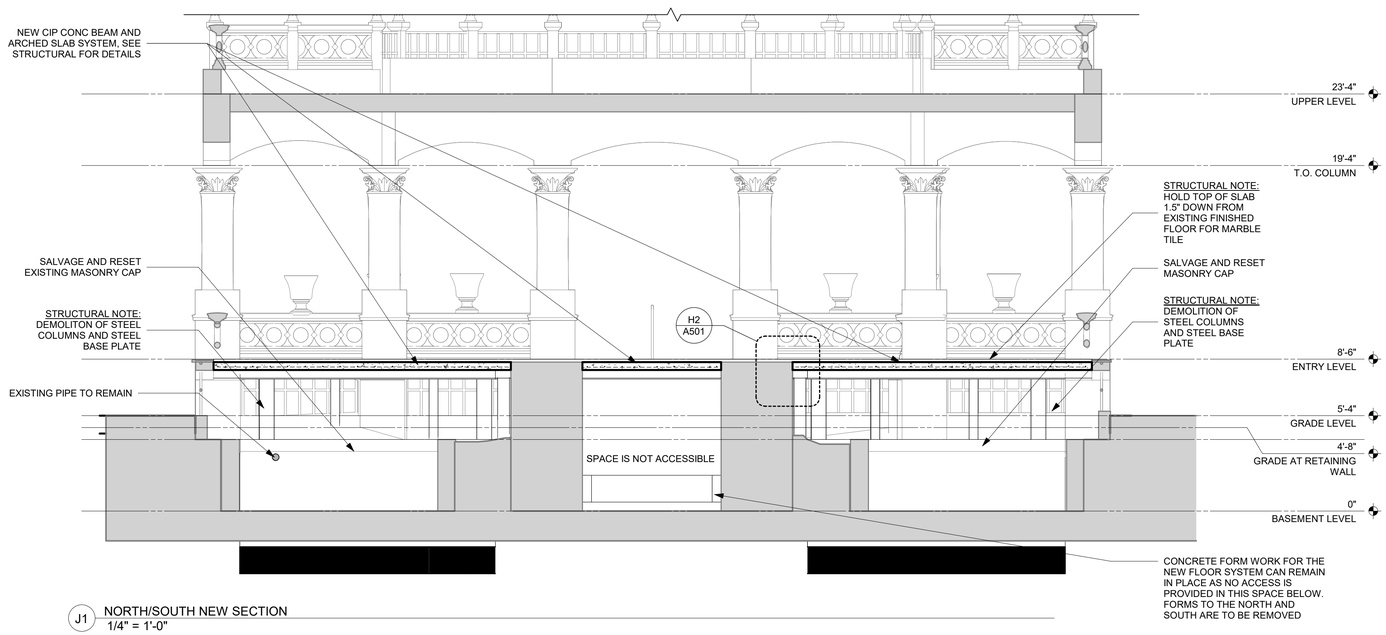
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

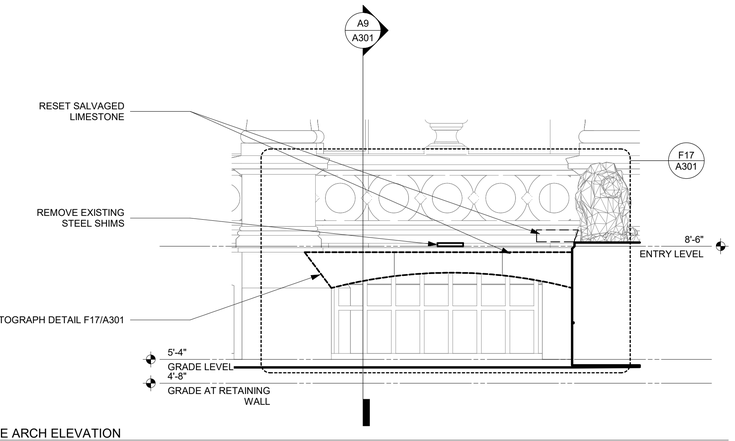
Sheet Name
ELEVATIONS

Sheet Number
A201

PRINTED: 12/4/2024 4:13:29 PM

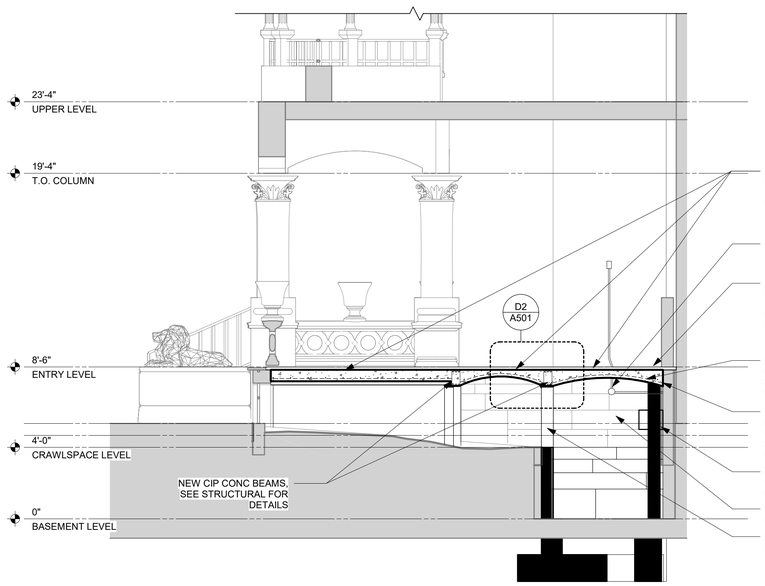


J1 NORTH/SOUTH NEW SECTION
1/4" = 1'-0"

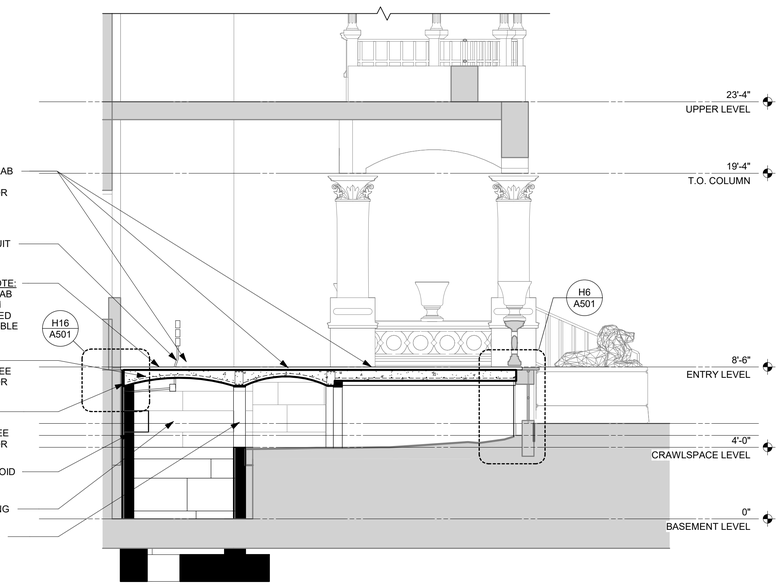


J14 STONE ARCH ELEVATION
1/2" = 1'-0"

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"

OPN ARCHITECTS
100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision	Description	Date

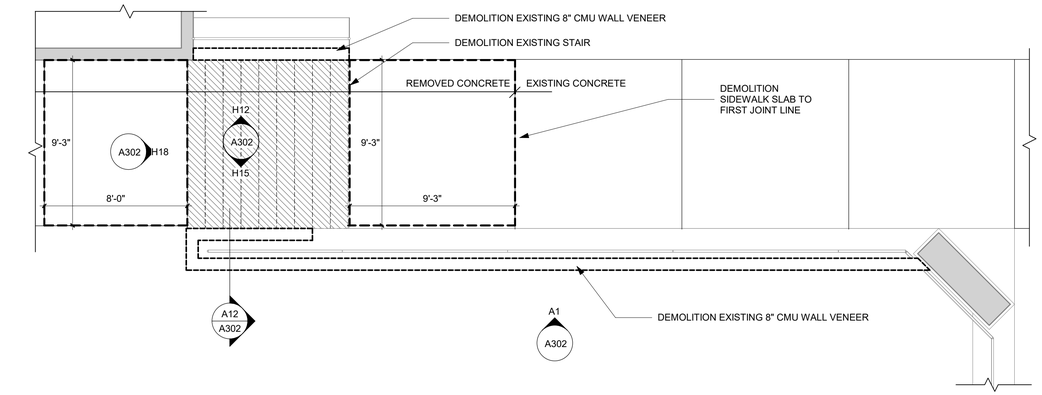
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

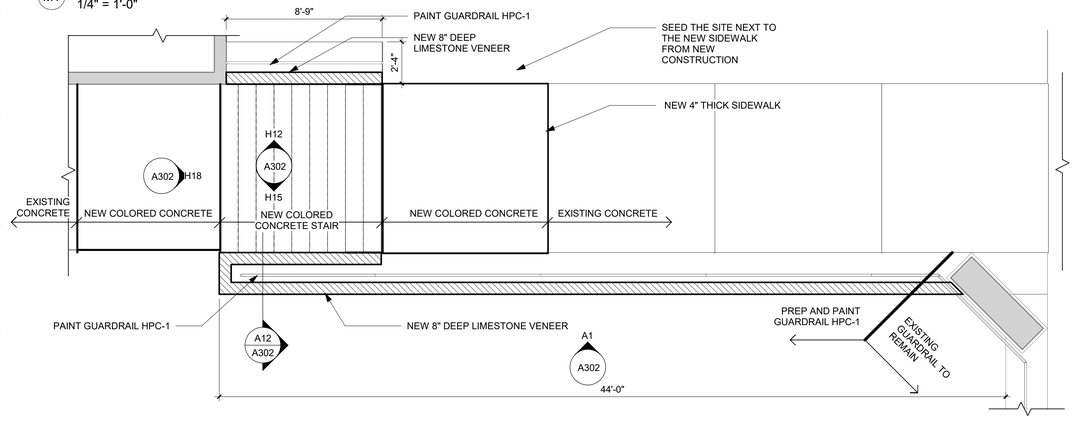
Sheet Name
SECTIONS

Sheet Number
A301

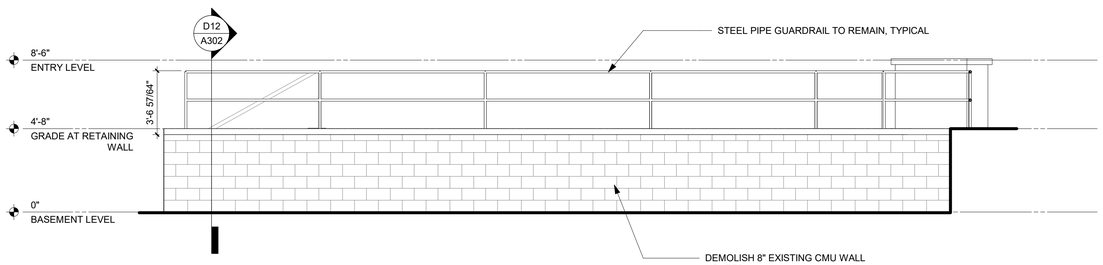
PRINTED: 12/4/2024 3:20:02 PM



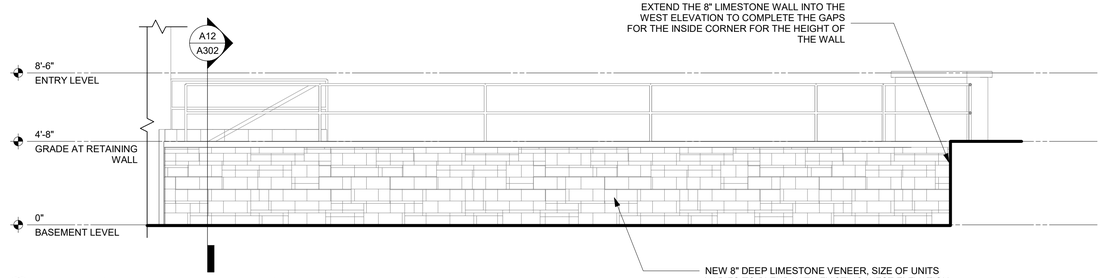
M1 DEMOLITION PLAN - RETAINING WALL
1/4" = 1'-0"



H1 PLAN - RETAINING WALL NEW WORK
1/4" = 1'-0"

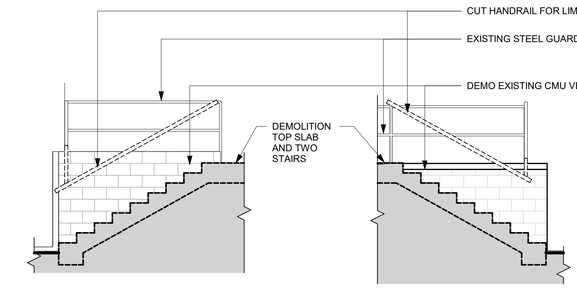


D1 DEMOLITION RETAINING WALL ELEVATION
1/4" = 1'-0"

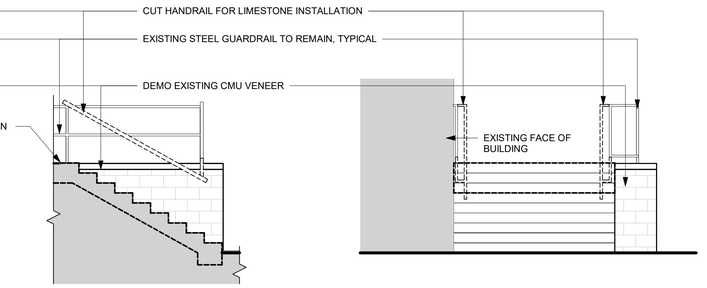


A1 RETAINING WALL ELEVATION NEW WORK
1/4" = 1'-0"

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

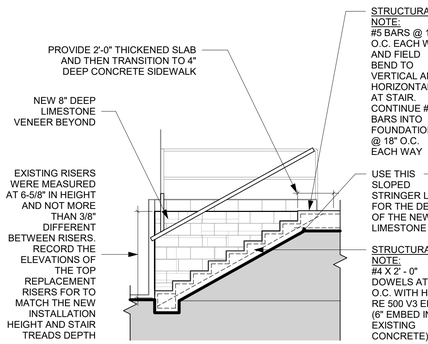


M12 DEMOLITION STAIR NORTH ELEVATION
1/4" = 1'-0"

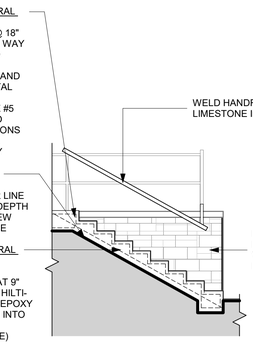


M15 DEMOLITION STAIR SOUTH ELEVATION
1/4" = 1'-0"

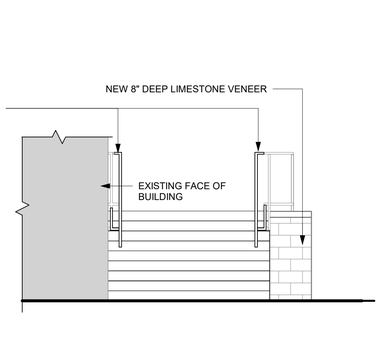
M18 DEMOLITION STAIR FRONT ELEVATION
1/4" = 1'-0"



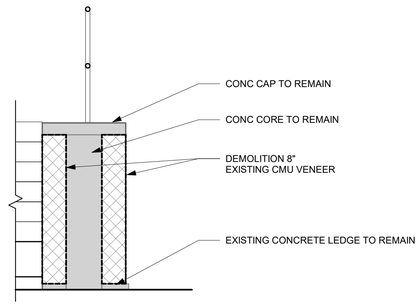
H12 STAIR NORTH ELEVATION NEW WORK
1/4" = 1'-0"



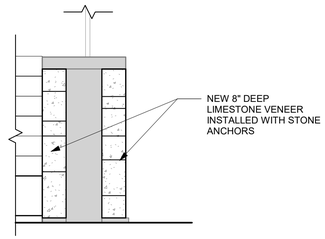
H15 STAIR SOUTH ELEVATION NEW WORK
1/4" = 1'-0"



H18 STAIR FRONT ELEVATION NEW WORK
1/4" = 1'-0"



D12 DEMOLITION RETAINING WALL SECTION
1/2" = 1'-0"



A12 RETAINING WALL SECTION - NEW WORK
1/2" = 1'-0"

OPN ARCHITECTS
100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision Description Date

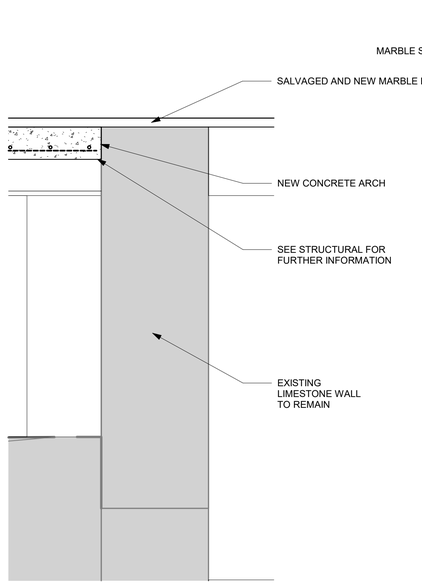
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

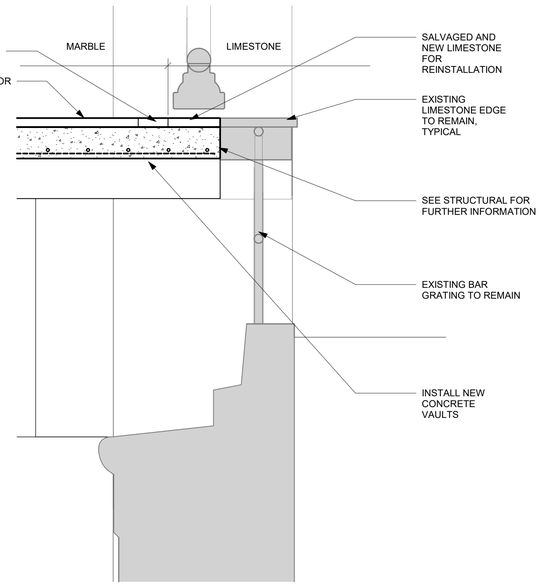
Sheet Name
ALTERNATE #1 - RETAINING WALL

Sheet Number
A302

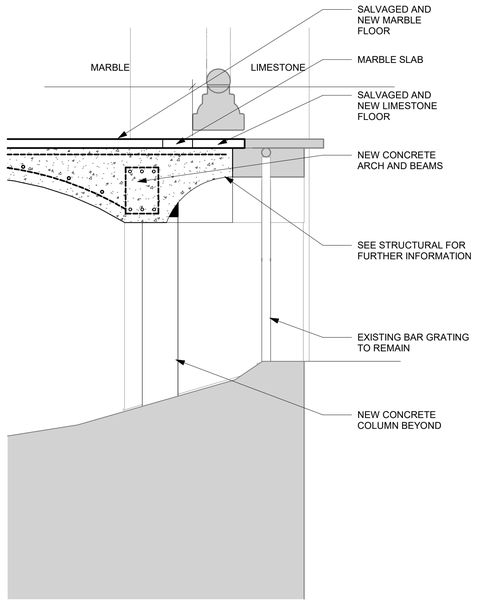
PRINTED: 12/4/2024 3:20:03 PM



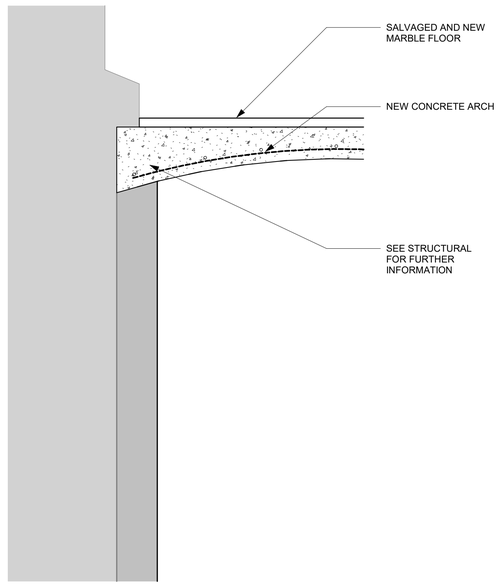
H2 SECTION - VAULT END TO WALL
1" = 1'-0"



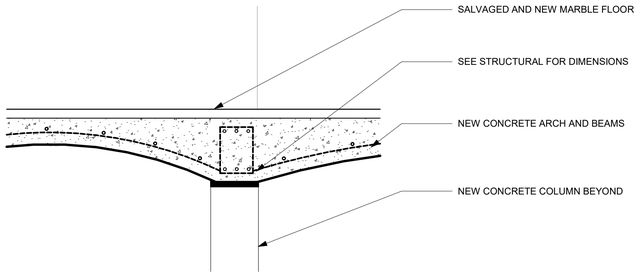
H6 SECTION - VAULT END TO GRILL
1" = 1'-0"



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"

OPN ARCHITECTS
100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision Description Date

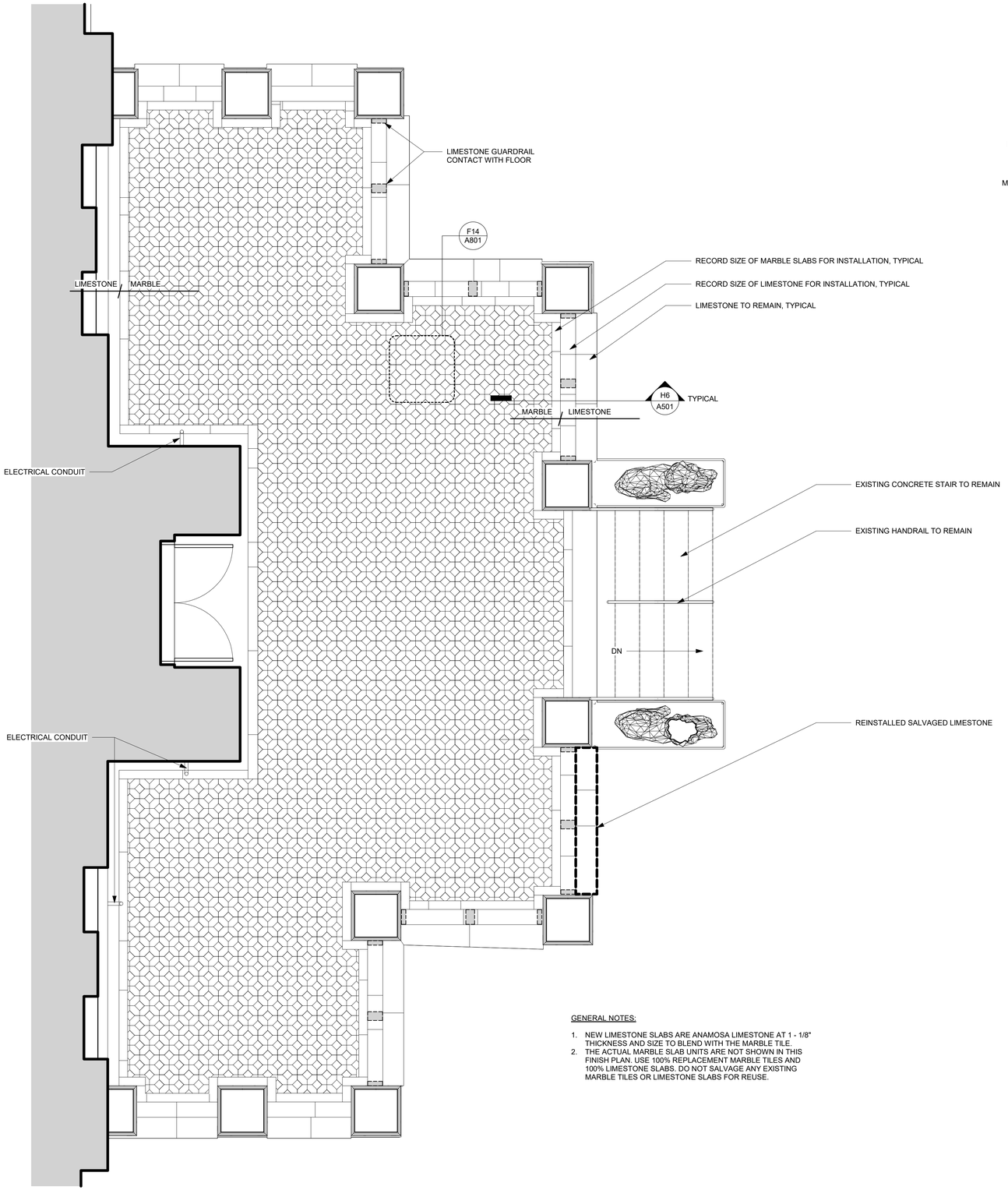
OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
VAULT DETAILS

Sheet Number
A501

PRINTED: 12/4/2024 3:20:08 PM



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

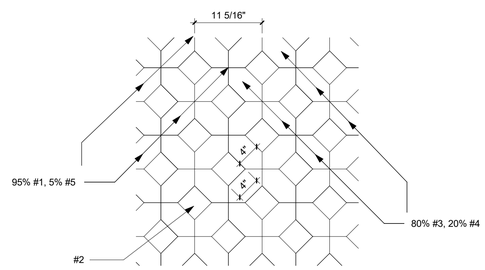
GENERAL NOTES:

1. NEW LIMESTONE SLABS ARE ANAMOSA LIMESTONE AT 1 - 1/8" THICKNESS AND SIZE TO BLEND WITH THE MARBLE TILE.
2. THE ACTUAL MARBLE SLAB UNITS ARE NOT SHOWN IN THIS FINISH PLAN. USE 100% REPLACEMENT MARBLE TILES AND 100% LIMESTONE SLABS. DO NOT SALVAGE ANY EXISTING MARBLE TILES OR LIMESTONE SLABS FOR REUSE.

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

MARBLE TILES

1. PROJECT USES 100% REPLACEMENT MARBLE TILES AND LIMESTONE SLABS, DO NOT SALVAGE ANY EXISTING MARBLE TILES OR LIMESTONE SLABS FOR REUSE.



F14 MARBLE DETAIL
1" = 1'-0"

OPN ARCHITECTS
100 Court Ave., Suite 100
Des Moines, IA 50309
P: 515-309-0722
www.opnarchitects.com

Owner

406 NORTH HIGH
STREET
ANAMOSA, IA 52205

Project

9392.00 ASP - IA DOC - ADMINISTRATION BUILDING ENTRY PORCH REPAIRS

Construction Manager

McGough
217 E 2nd Street, Suite 120
Des Moines, IA 50309
P: 515.954.6888

Structural Engineer

Raker Rhodes Engineering
112 E. Washington Street, Suite B
Iowa City , IA 52240

Revision Description Date

OPN Project No.
24817000

Sheet Issue Date
REBID SET **12/03/2024**

Sheet Name
MARBLE FINISH PLAN

Sheet Number
A801