# RENOVATION OF HEARTLAND BANK DUBLIN

6500 FRANTZ ROAD DUBLIN, OH 43017

PREPARED FOR:



430 N. HAMILTON ROAD WHITEHALL, OH 43213

PREPARED BY:

CIVIL ENGINEER



PHONE: (614) 280-8999

**ARCHITECT** 



300 SPRUCE STREET SUITE 300 COLUMBUS, OH 43215

PHONE: (614) 461-4664 FAX: (614) 280-8881

STRUCTURAL ENGINEER



5640 FRANTZ ROAD DUBLIN, OH 43017

PHONE: (614) 766-0066

PLUMBING, MECHANICAL & ELECTRICAL ENGINEER

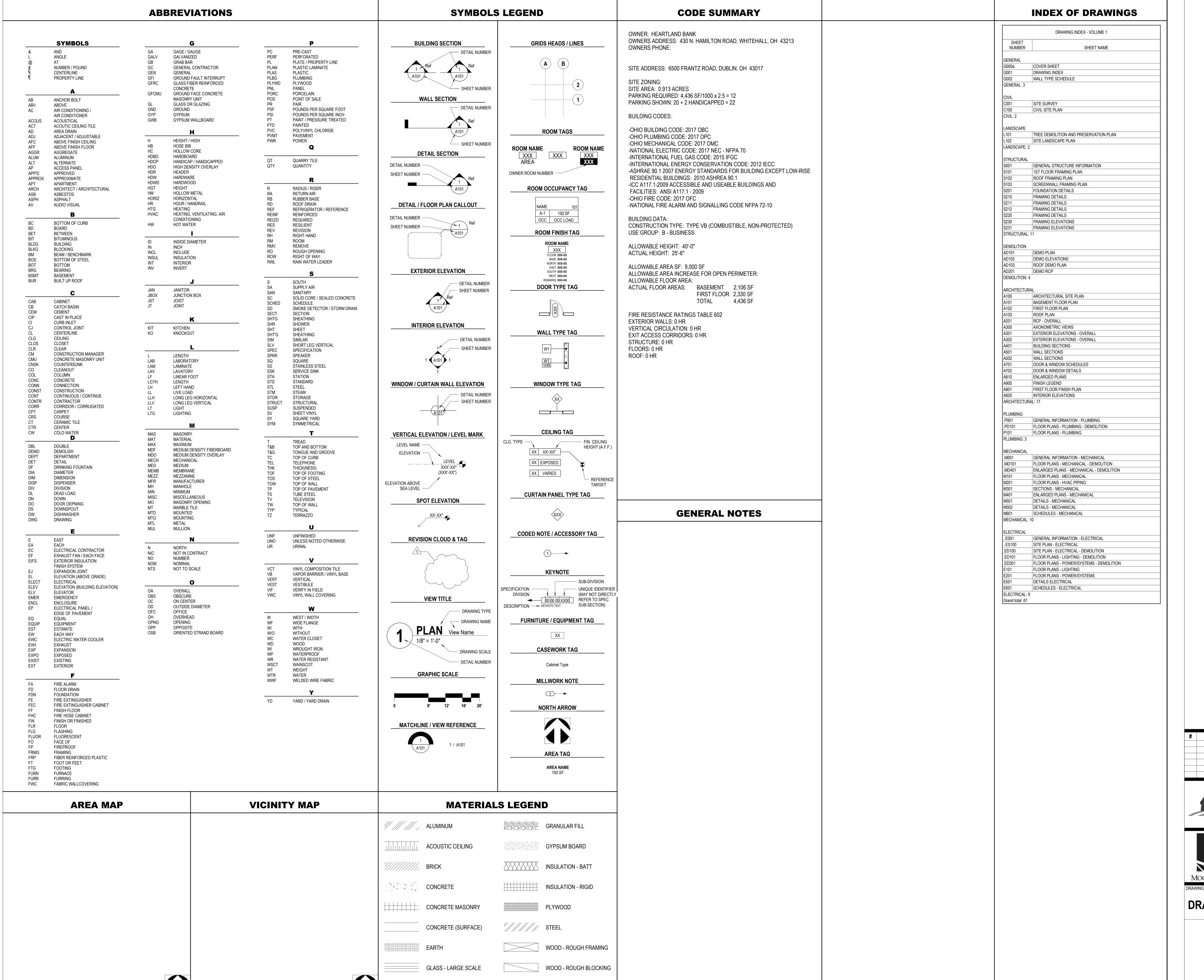


1405 DUBLIN ROAD COLUMBUS, OH 43215

PHONE: (614) 486-4778

FINAL DEVELOPMENT PLAN 11/30/2020





WOOD - FINISHED

GLASS - SMALL SCALE

CHANGE DESCRIPTION RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 

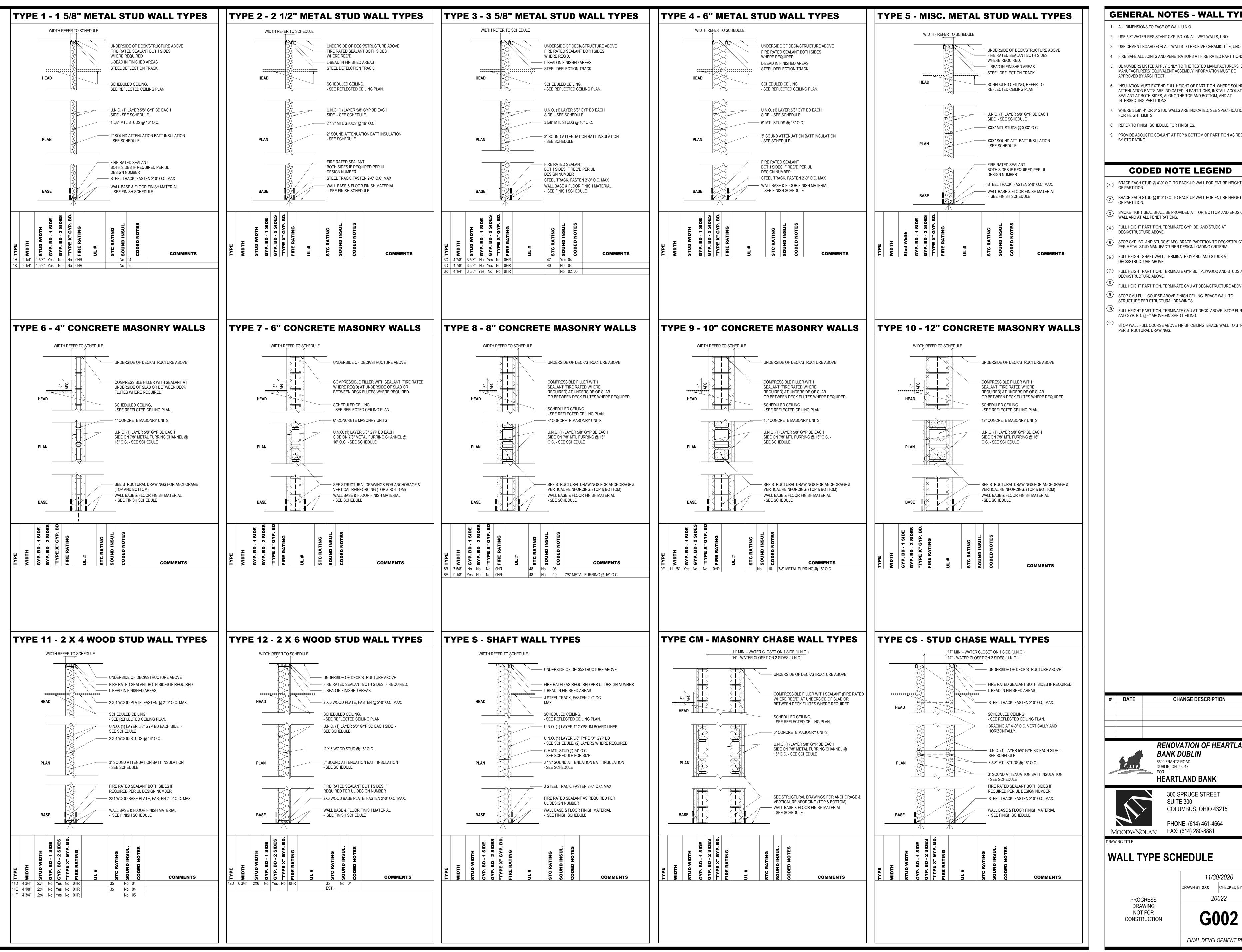
PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

**DRAWING INDEX** 

**PROGRESS** DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022



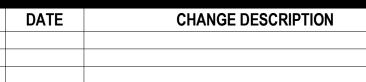
**GENERAL NOTES - WALL TYPE** 

1. ALL DIMENSIONS TO FACE OF WALL U.N.O.

- 2. USE 5/8" WATER RESISTANT GYP. BD. ON ALL WET WALLS, UNO.
- 4. FIRE SAFE ALL JOINTS AND PENETRATIONS AT FIRE RATED PARTITIONS
- UL NUMBERS LISTED APPLY ONLY TO THE TESTED MANUFACTURERS. EQUAL MANUFACTURERS' EQUIVALENT ASSEMBLY INFORMATION MUST BE
- INSULATION MUST EXTEND FULL HEIGHT OF PARTITION. WHERE SOUND ATTENUATION BATTS ARE INDICATED IN PARTITIONS, INSTALL ACOUSTIC SEALANT AT BOTH SIDES, ALONG THE TOP AND BOTTOM, AND AT
- INTERSECTING PARTITIONS. WHERE 3 5/8", 4" OR 6" STUD WALLS ARE INDICATED, SEE SPECIFICATIONS
- REFER TO FINISH SCHEDULE FOR FINISHES.
- PROVIDE ACOUSTIC SEALANT AT TOP & BOTTOM OF PARTITION AS REQUIRED BY STC RATING.

#### **CODED NOTE LEGEND**

- BRACE EACH STUD @ 4'-0" O.C. TO BACK-UP WALL FOR ENTIRE HEIGHT
- BRACE EACH STUD @ 8'-0" O.C. TO BACK-UP WALL FOR ENTIRE HEIGHT OF PARTITION.
- SMOKE TIGHT SEAL SHALL BE PROVIDED AT TOP, BOTTOM AND ENDS OF
- WALL AND AT ALL PENETRATIONS.
- FULL HEIGHT PARTITION. TERMINATE GYP. BD. AND STUDS AT DECK/STRUCTURE ABOVE.
- STOP GYP. BD. AND STUDS 6" AFC. BRACE PARTITION TO DECK/STRUCTURE PER METAL STUD MANUFACTURER DESIGN LOADING CRITERIA.
- FULL HEIGHT SHAFT WALL. TERMINATE GYP BD. AND STUDS AT
- FULL HEIGHT PARTITION. TERMINATE GYP BD., PLYWOOD AND STUDS AT DECK/STRUCTURE ABOVE.
- FULL HEIGHT PARTITION. TERMINATE CMU AT DECK/STRUCTURE ABOVE. 9 STOP CMU FULL COURSE ABOVE FINISH CEILING. BRACE WALL TO
- STRUCTURE PER STRUCTURAL DRAWINGS.
- FULL HEIGHT PARTITION. TERMINATE CMU AT DECK ABOVE. STOP FURRING AND GYP. BD. @ 6" ABOVE FINISHED CEILING.
- STOP WALL FULL COURSE ABOVE FINISH CEILING. BRACE WALL TO STRUCT. PER STRUCTURAL DRAWINGS.







300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

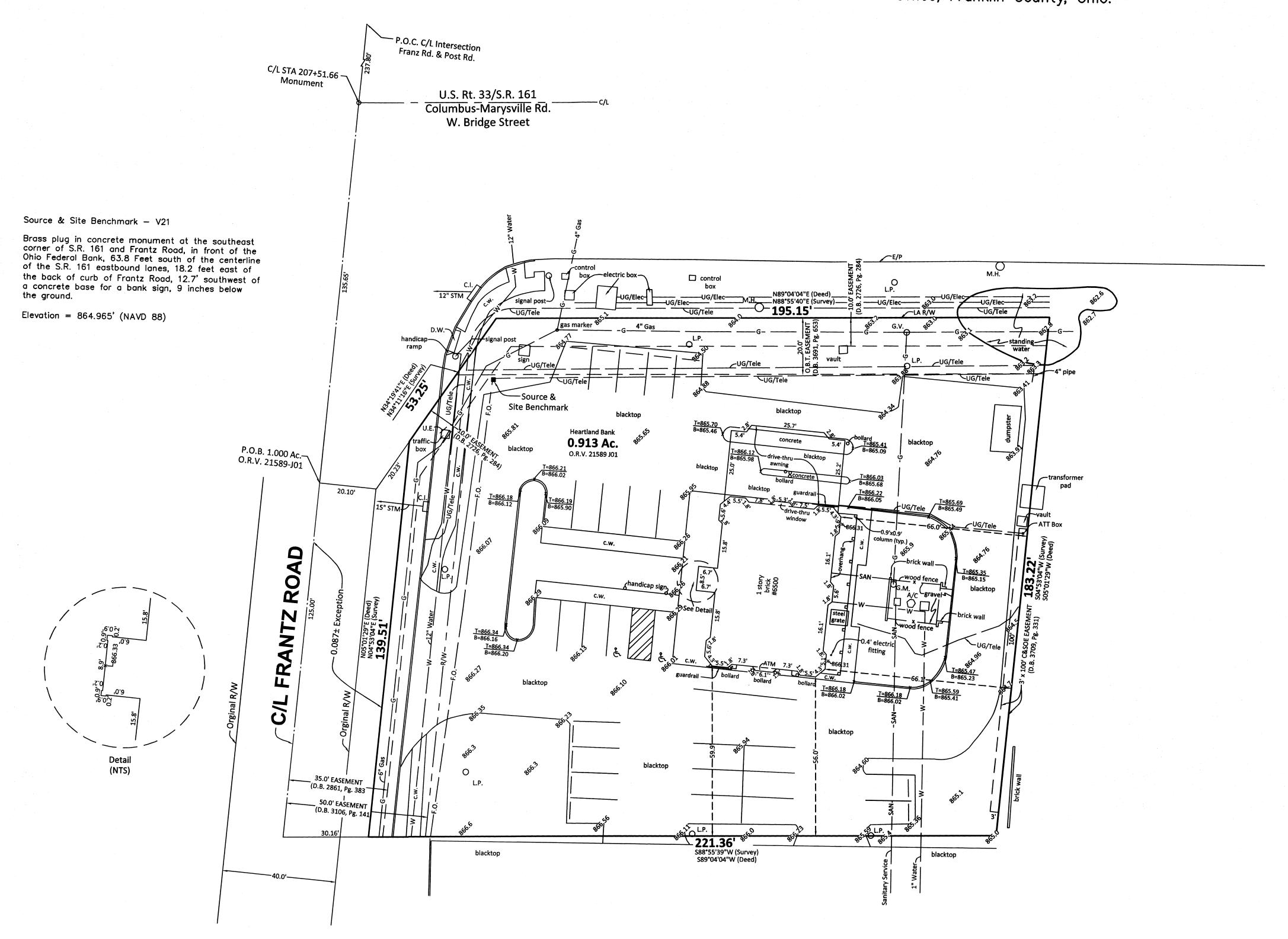
**HEARTLAND BANK** 

MOODY•NOLAN FAX: (614) 280-8881

WALL TYPE SCHEDULE

11/30/2020 DRAWN BY:XXX CHECKED BY:XXX 20022 PROGRESS DRAWING NOT FOR

Situated in the State of Ohio, County of Franklin, City of Dublin, being all of the land conveyed to Heartland Bank as shown of Record O.R.V. 21589 JO1, Recorder's Office, Franklin County, Ohio.



Heartland Bank Moody Engineering

We hereby certify that the foregoing Topographic Survey was prepared from actual field measurements in July, 2020. Basis of Bearings is the Ohio State Plane Coordinate System, Ohio South Zone, NAD83 (2011). The bearing herein are based on GPS observations using the CORS Network to determine a grid bearing of North 88'55'40" East for the south right of way of U.S. Rt. 33.

7/30/2020

Joseph P. Myers, Professional Surveyor No. 7361



Utility Warning

THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.



2740 E. Main St., Bexley, Ohio 43209-2577

**REVISIONS:** 

TOPOGRAPHIC SURVEY

Scale: 1" = 20'July 30, 2020

Address: 6500 Frantz Road Dublin, OH 43017

EASEMENTS

Item 5. Easement to Columbus and Southern Ohio Electric Company over part of a larger tract of which insured premises is a part, of record in Deed Book 1127, page 69; Deed Book 1955, page 275; and Deed Book 2669, Page 3. All Do Not Apply.

Item 6. Easement to State of Ohio over part of a larger tract of which insured premises is a part, of record in Deed Book 2669, Page 396 — Wrong Page

Item 7. Easement to Columbia Gas of Ohio, Inc.,

over an unspecified location affecting a tract of land of which insured premises is a part, of record in Deed Book 2726, page 284 and Deed Book 2861, Page 383. PLOTTED

Item 8. Easement to County of Franklin, of record in Deed Book 3106, Page 141. PLOTTED

Item 9. Easement to Columbus and Southern Ohio

Electric Company, of record in Deed Book 3709, Page 331. PLOTTED

Item 10. Easement to The Ohio Bell Telephone Company, of record in Deed Book 3691, Page 653.

Item 11. Easement to Southwick, Solove and Company, of record in Official Record 20376C19, Blanket Easement over drive areas and access to

Legend

= Plat Book

I.P. = Iron Pipe RR Spk. = Railroad Spike

C/L = Centerline

R/W = Right-of-Way

= Catch Basin = Fire Hydrant = Utility Pole = Light Pole

= Gas Meter

= Gas Valve = Water = Water Meter Water ValveTelephone Pedestal TelephoneOhio Bell Telephone C&SOE = Cols. & Southern Ohio Electric

= Cable Television = Record Plan Sanitary SewerStorm Sewer

= Combination Sewer = Top of Casting

= Concrete Stoop/Steps

= Spot Elevation 868.4

= Existing Striped Parking Space

= Invert = Concrete Walk

= Cleanout

= Downspout

G. V.

CATV

d.s.

D.B. = Deed Book
O.R.V. = Official Records Volume Inst.No. = Instrument Number

LA R/W = Limited Access Right-of-Way

= Underground Electric = Electric Meter = Electric Transformer

streets, highways and alleys.

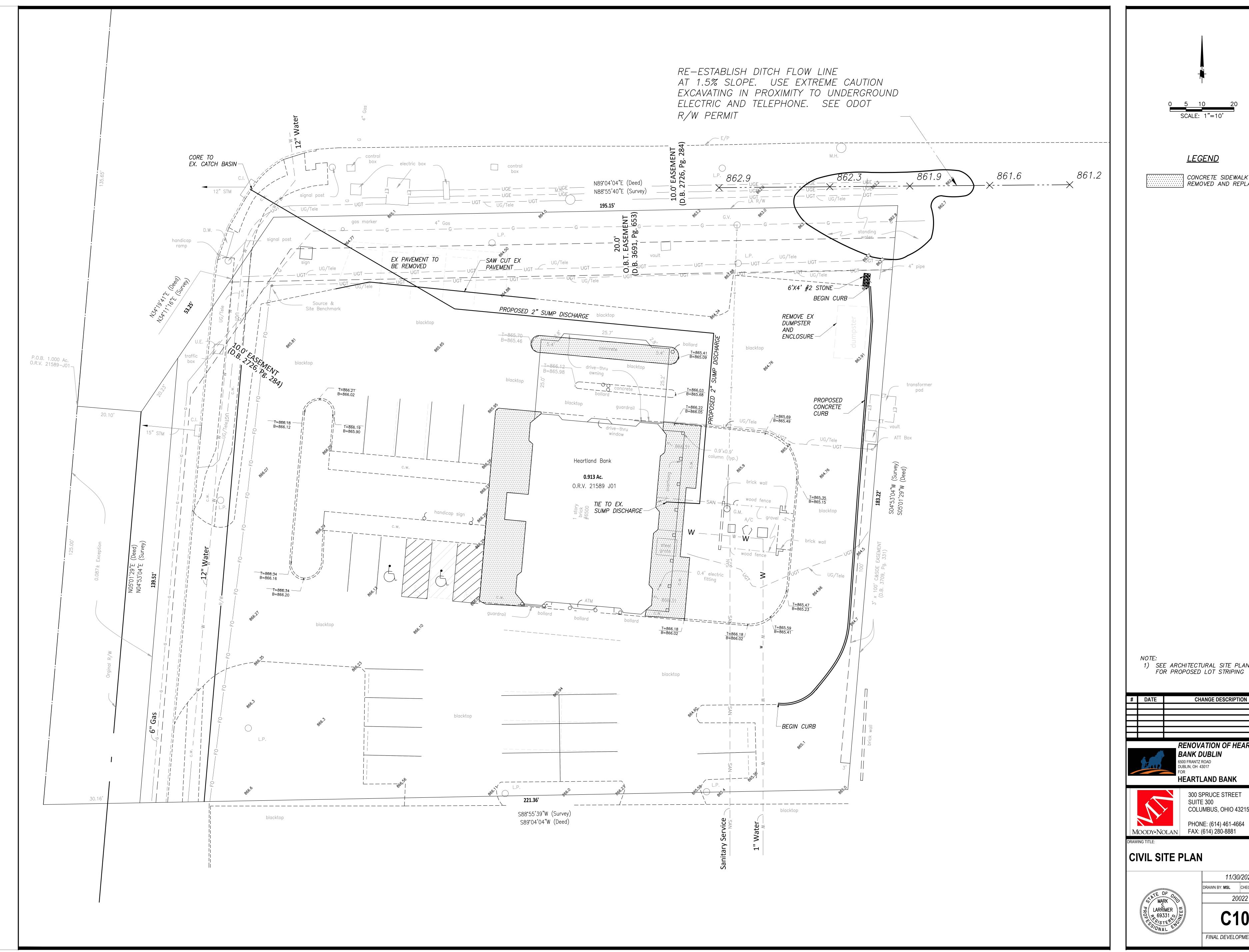
Lawyers Title Insurance Corporation Policy Date: January 20,1993 Policy Number: 113-00-763041

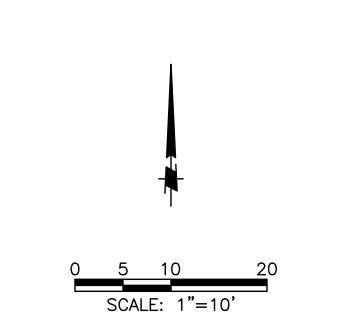
Description

m.o.# 10-06/23/2020

(614)235-8677 ~ (614)235-4559 fax info@myerssurveying.com

1-800-362-2764 CALL TWO WORKING DAYS BEFORE YOU DIG (NON MEMBERS MUST BE CALLED DIRECTLY)





<u>LEGEND</u>

| CONCRETE SIDEWALK | REMOVED AND REPLACED

1) SEE ARCHITECTURAL SITE PLAN FOR PROPOSED LOT STRIPING

#	DATE	CHANGE DESCRIPTION
		RENOVATION OF HEARTLAND BANK DUBLIN

HEARTLAND BANK

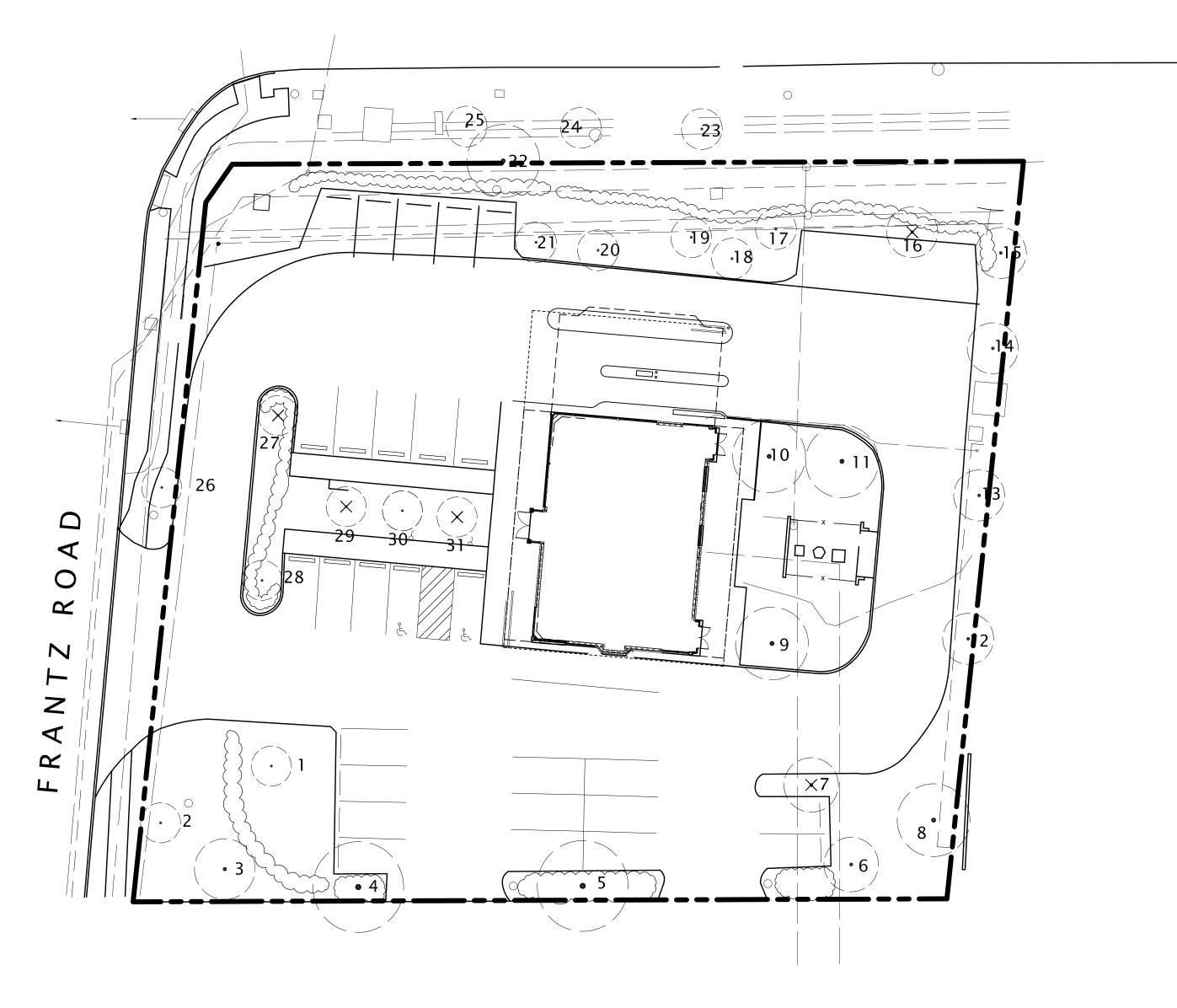
SUITE 300 COLUMBUS, OHIO 43215

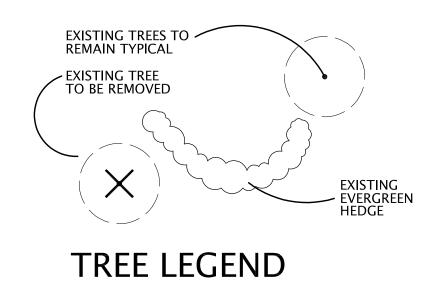
CIVIL SITE PLAN



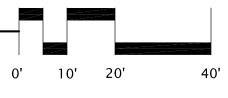
11/30/2020 DRAWN BY: MSL CHECKED BY: MSL

## WEST BRIDGE STREET





TREE DEMOLITION AND PRESERVATION PLAN



## EXISTING TREE LEGEND

NO.	TREE TYPE	SIZE	CONDIT	ON
1	GINKGO	2" CALIPER	GOOD	RETAIN
2	CRABAPPLE	3" CALIPER	GOOD	RETAIN
3	ZELCOVA	4" CALIPER	GOOD	RETAIN
4	ZELCOVA	6" CALIPER	GOOD	RETAIN
5	ZELCOVA	6" CALIPER	GOOD	RETAIN
6	ZELCOVA	3" CALIPER	GOOD	RETAIN
7	OAK	3" CALIPER	POOR	REPLACE
8	MAPLE	20" CALIPER	GOOD	RETAIN
9	HONEYLOCUS	15" CALIPER	GOOD	RETAIN
10	HONEYLOCUS	17" CALIPER	GOOD	RETAIN
11	HONEYLOCUS	15" CALIPER	GOOD	RETAIN
12	PEAR	6" CALIPER	GOOD	RETAIN
13	PEAR	6" CALIPER	GOOD	RETAIN
14	PEAR	6" CALIPER	GOOD	RETAIN
15	PEAR	6" CALIPER	GOOD	RETAIN
16	ZELCOVA	4" CALIPER	POOR	REPLACE
17	ZELCOVA	3" CALIPER	GOOD	RETAIN
18	GINKGO	1" CALIPER	GOOD	RETAIN
19	ZELCOVA	11" CALIPER	GOOD	RETAIN
20	GINKGO	2" CALIPER	GOOD	RETAIN
21	GINKGO	2" CALIPER	GOOD	RETAIN
22	OAK	24" CALIPER	GOOD	RETAIN
23	LILAC	4" CALIPER	GOOD	RETAIN
24	LILAC	5" CALIPER	GOOD	RETAIN
25	LILAC	8" CALIPER	GOOD	RETAIN
26	LILAC	3" CALIPER	GOOD	RETAIN
27	MAPLE	5" CALIPER	POOR	REPLACE
28	LINDEN	5" CALIPER	GOOD	RETAIN
29	MAGNOLIA	5" CALIPER	GOOD	REMOVE
30	MAGNOLIA	5" CALIPER	GOOD	RETAIN
31	MAGNOLIA	5" CALIPER	GOOD	REMOVE

CHANGE DESCRIPTION RENOVATION OF HEARTLAND BANK DUBLIN



HEARTLAND BANK



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215 PHONE: (614) 461-4664 FAX: (614) 280-8881

TREE DEMOLITION AND PRESERVATION PLAN

PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: **GrK** CHECKED BY: **GrK** 

20022 L1.01

11/30/2020

FINAL DEVELOPMENT PLAN

GREGORY R. KROBOT

CILLA

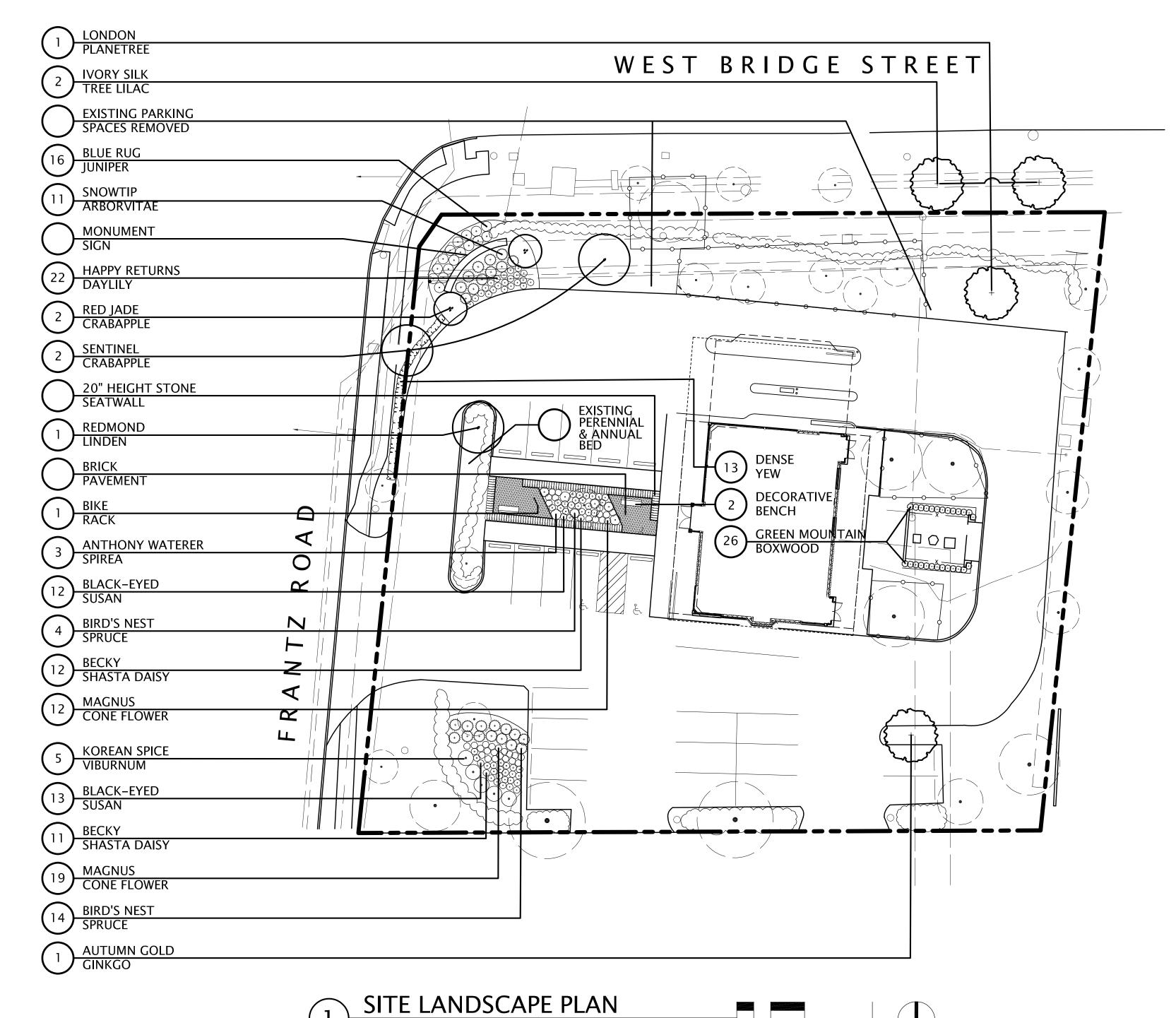
LANDSCAPE ARCHITECTURE

231 BUTTLES AVENUE

COLUMBUS, OHIO 43215

614.464.3463

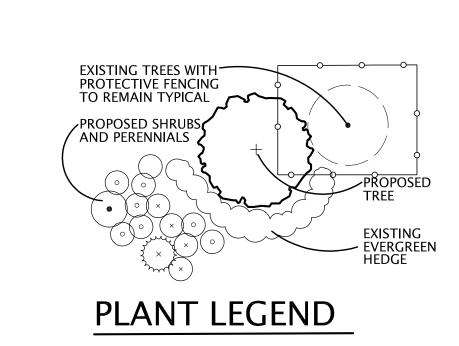
GREGORY.KROBOT@GMAIL.COM



QTY.	COMMON NAME	BOTANICAL NAME	SIZE	ROOT
	TREES			•
5	SKYLINE HONEYLOCUST	Geditsia t. i. 'Skyline'	2 1/2" Cal.	B&B
3	SOMERSET MAPLE	Acer rubrum 'Somerset'	2 1/2" Cal.	B&B
1	REDMOND LINDEN	Tilia americana 'Redmond'	2 1/2" Cal.	B&B
1	LONDON PLANETREE	Platanus x acerifolia	2 1/2" Cal.	B&B
2	IVORY SILK TREE LILAC	Syringa reticulata 'Ivory Silk'	2" Cal.	B&B
2	RED JADE CRABAPPLE	Malus 'Red Jade'	1 3/4" Cal.	B&B
2	SENTINEL CRABAPPLE	Malus 'Sentinel'	1 3/4" Cal.	B&B
1	AUTUMN GOLD GINKGO	Ginkgo 'Autumn Gold'	2 1/2" Cal.	B&B
	SHRUBS			
11	SNOWTIP ARBORVITAE	Thuja occidentalis 'Snowtip'	5' Hgt.	B&B
13	DENSE YEW	Taxus x media 'Densiformis'	24" Hgt.	B&B
16	BLUE RUG JUNIPER	Juniperus horizontalis 'Blue Rug'	18" Spr.	Cont.
18	BIRD'S NEST SPRUCE	Picea abies 'Nidiformis'	15" Spr.	Cont.
5	KOREAN SPICE VIBURNUM	Viburnum carlesii	24" Hgt.	Cont.
3	ANTHONY WATERER SPIREA	Spirea 'Anthony Waterer'	24" Spr.	Cont.
23	BECKY SHASTA DAISY	Leucanthemum x superbum 'Becky'	Clump	#2 Cont
25	BLACK-EYED SUSAN	Rudbeckia fulgida 'Goldsturm'	Clump	#2 Cont
31	MAGNUS CONE FLOWER	Echinacea 'Magnus'	Clump	#2 Cont
22	HAPPY RETURNS DAYLILY	Hemerocalis 'Happy Returns'	Clump	#2 Cont
26	GREEN MOUNTAIN BOXWOOD	Buxus x 'Green Mountain'	24"	Hgt.

NOTES: SEE PLAN FOR PATTERN
<ul> <li>STEEL EDGING IN CASES OF NO ADJACENT STRUCTURE</li> </ul>
TIGHT BUTT JOINTS (SAND SWEPT)
<ul> <li>BRICK PAVERS</li> <li>BELCREST 500 BY BELDEN BRICK</li> </ul>
— 1-1/2" SAND SETTING BED
- 6" COMPACTED AGGREGATE BASE COURSE
— COMPACTED SUBGRADE

5 DRY LAID BRICK PAVEMENT
NTS



NOTE:
KEEP BATTER CONSISTENT
ON BOTH SIDES OF WALL.

1'-6"
CAP COURSE TO BE FULL WIDTH
MORTAR BETWEEN COURSES
HOLD BACK 4" FROM FACE

DRY LAID STONE WALL
2"-4" THICK LIMESTONE
FINISH GRADE

8" COMPACTED SUBGRADE
AGGREGATE BASE

COMPACTED SUBGRADE

NOTE:
STONE TYPE:
CITY OF DUBLIN WALL STONE
MIN. SIZE: 2"-3" DEPTH
MAX. SIZE: 3"-5" DEPTH
LENGTH/WIDTH: 12"-24"

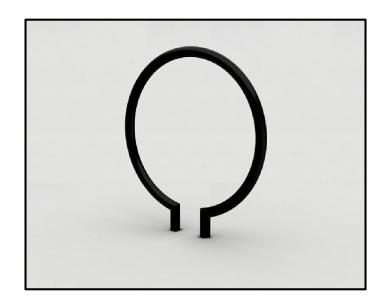
DRY LAID STONE WALL

NTS



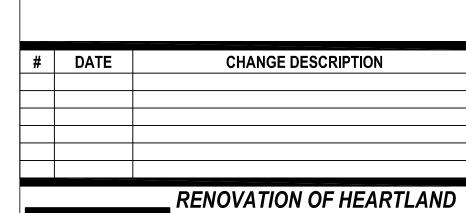
0' 10' 20'

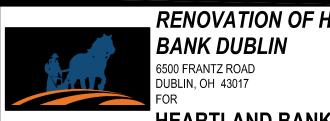
40' NORTH



A RING BIKE RACK
BY LANDSCAPE FORMS











SITE LANDSCAPE PLAN

PROGRESS DRAWING NOT FOR CONSTRUCTION DRAWN BY: **GrK**20022 **L1.02** 

11/30/2020

GENERAL STRUCTURAL NOTES FIELD CONNECTIONS ARE TO BE BOLTED, EXCEPT AS INDICATED OTHERWISE. SHOP CONNECTIONS MAY BE WELDED OR BOLTED. CONNECTIONS ARE TO BE DESIGNED BY THE FABRICATOR TO DEVELOP EITHER 100% OF THE FULL UNIFORM LOAD CAPACITY OF THE ADDITIONAL MEMBER, OR THE FORCES SHOWN ON THE PLANS. MINIMUM CONNECTION CAPACITY TO BE 15 KIPS. FOLLOW INSTRUCTIONS ON DRAWINGS FOR GENERAL ARRANGEMENT OR PARTICULAR DETAILS. ALUM ALUMINUM THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION IS FULLY COMPLETED. IT IS SOLELY THE MISCELLANEOUS STEEL MEMBERS (ANGLES, CHANNELS, ETC.) THAT SUPPORT DECK AROUND THE PERIMETER OF A FLOOR OR ROOF SHALL BE CONTINUOUS. WHERE SPLICES IN THESE MEMBERS MUST OCCUR TO FACILITATE ERECTION, PROVIDE PARTIAL PENETRATION CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE AND TO ENSURE THE SAFETY OF THE BUILDING AND ARCH ARCHITECTURAL TS COMPONENT PARTS DURING ERECTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, SHEETING, TEMPORARY BRACING, GUYS, SQUARE GROOVE WELD (BUTT JOINT) W/ 3/16" EFFECTIVE THROAT ON ONE SIDE, EACH LEG. OR TIEDOWNS WHICH MIGHT BE NECESSARY. SUCH MATERIAL IS TO REMAIN THE CONTRACTOR'S PROPERTY AFTER COMPLETION OF THE B/ or BO BOTTOM OF BOTTOM FLANGE BRACE A. DO NOT PAINT STEEL OR ANCHOR RODS WHICH WILL BE ENCASED IN CONCRETE OR MASONRY, NOR ANY STEEL WHICH IS SCHEDULED BLDG BUILDING IT IS SOLELY THE CONTRACTOR'S RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF TO RECEIVE SPRAY-APPLIED OR INTUMESCENT-MASTIC FIREPROOFING.
PAINT ALL INTERIOR EXPOSED STEEL (INCLUDING INTERIOR LINTELS) WITH TWO COATS OF RED-OXIDE PRIMER. BEAM BOT BOTTOM HOT-DIP GALVANIZE ALL EXTERIOR STEEL (INCLUDING LINTELS AND BRICK SHELF ANGLES). MECHANICAL EQUIPMENT LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO MECHANICAL REQUIREMENTS ARE SHOWN FOR PROVIDE A FIELD-APPLIED COAT OF ASPHALT-MASTIC PAINT FOR ALL BELOW-GRADE STEEL (INCLUDING ANCHOR RODS, NUTS, BIDDING PURPOSES ONLY. CONTRACTOR IS TO OBTAIN APPROVAL OF MECHANICAL AND OTHER TRADES BEFORE PROCEEDING WITH SUCH WASHERS, BASE PLATES, AND THE BELOW-GRADE PORTION OF COLUMNS) WHICH IS NOT FULLY ENCASED IN CONCRETE. COLD-FORMED METAL FRAMING PORTION OF THE WORK. EXCESS COST RELATED TO VARIATION IN MECHANICAL REQUIREMENTS TO BE BORNE BY MECHANICAL INTERIOR NON-EXPOSED STEEL NEED NOT BE PRIME PAINTED. COLD-FORMED METAL TRUSS CONTROL OR CONSTRUCTION JOINT CLEAR DO NOT SCALE THE DRAWINGS WHERE DIMENSIONS ARE NOT SPECIFICALLY GIVEN. SEE ARCHITECTURAL DRAWINGS FOR DIMENSIONS AND PROVIDE HOLES FOR OTHERS. IF OPENING IS NOT SHOWN ON THE STRUCTURAL DRAWINGS, OBTAIN PRIOR APPROVAL. CONSTRUCTION MANAGER ELEVATIONS NOT SHOWN. COORDINATE ALL DIMENSIONS AND ELEVATIONS WITH THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONS AND STEEL SUPPORTING OR CONNECTING TO MECHANICAL AND OTHER EQUIPMENT AND ROOF OPENINGS AS SHOWN ON ARCHITECTURA ELEVATIONS SHOWN ON THE STRUCTURAL DRAWINGS ARE NOT INTENDED TO AUGMENT, NOR SUPERSEDE THOSE SHOWN ON THE CONCRETE MASONRY UNIT MECHANICAL AND/OR ON STRUCTURAL DRAWINGS IS SHOWN FOR BIDDING PURPOSES ONLY. CONTRACTOR IS TO RECONCILE EXACT SIZE AND LOCATION WITH MECHANICAL AND OTHER REQUIREMENTS BEFORE PROCEEDING WITH THIS WORK. COLUMN GROUT UNDER BEARING PLATES TO BE NON-METALLIC, NON-SHRINKING TYPE. CONCRETE STEEL BELOW GRADE TO BE PROTECTED BY A MINIMUM OF 3" OF CONCRETE, 4" OF SOLID MASONRY, OR A FIELD-APPLIED COAT OF FIELD VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO CONSTRUCTION. NOTIFY THE ARCHITECT IMMEDIATELY WHERE CONFLICTS EXIST CONTINUOUS WITHIN THE DRAWINGS OR BETWEEN THE DRAWINGS AND FIELD CONDITIONS. ASPHALT-MASTIC PAINT. COORD COORDINATE PROVIDE 1/4" THICK SETTING PLATES FOR ALL BEAMS AND BEAM LINTELS BEARING ON MASONRY OR CONCRETE WHICH DO NOT REQUIRE A THICKER BEARING PLATE.
PROVIDE HEAVY PLATE WASHERS AT ALL ANCHOR RODS. CUBIC YARD THROUGHOUT THESE PLANS, THE TERM "PROVIDE" IS DEFINED AS "SUPPLY AND INSTALL". FINISH ENDS OF ALL COLUMNS, STIFFENERS AND ALL OTHER MEMBERS IN DIRECT BEARING. SHOP DRAWINGS ARE TO BE SUBMITTED BY COMPLETE ERECTION PHASE OR SEQUENCE. LIMITS OF EACH INDIVIDUAL ERECTION PHASE OR PROVIDE BOLT HOLES FOR WOOD NAILERS AND JOISTS BOLTED TO BEAMS. PROVIDE ATTACHMENT FOR JOINING EXTENDED JOIST BOTTOM CHORDS. DEMOLISH OR DEMOLITION SEQUENCE ARE TO BE CLEARLY INDICATED ON THE PLANS. INCOMPLETE OR PIECEMEAL SHOP DRAWINGS WILL BE RETURNED PRIOR TO REVIEW. RESUBMITTALS ARE TO HAVE REVISIONS CLEARLY MARKED OR IDENTIFIED. THE CONTRACTOR SHALL REVIEW AND ACCEPT FULL STEEL IN CONTACT WITH PRESSURE-TREATED LUMBER IS TO BE PROTECTED FROM CORROSION FROM PRESERVATIVE CHEMICALS DETAIL RESPONSIBILITY FOR DIMENSIONAL CORRECTNESS. ALL SHOP DRAWINGS MUST BEAR THE APPROVAL STAMP OF THE CONTRACTOR PRIOR WITH A 20 MIL (MIN.) VAPOR BARRIER. BOLTS AND SCREWS THROUGH PRESSURE-TREATED LUMBER ARE TO BE HOT DIPPED DIAMETER GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO DIAGONAL DIMENSION K. PROVIDE MISCELLANEOUS ANGLES OR CHANNELS TO SUPPORT DECK EDGES AROUND COLUMNS THAT EXTEND THROUGH THE DECK. SHOULD ANY OF THE DETAILED INSTRUCTIONS SHOWN ON THE PLANS CONFLICT WITH THE GENERAL STRUCTURAL NOTES, THE PROVIDE ADDITIONAL SUPPORT FOR ALL DECK OPENINGS THAT ARE EQUAL TO OR GREATER THAN 12" IN WIDTH OR DIAMETER. NOT DRAWING SPECIFICATIONS OR WITH EACH OTHER. THE STRICTEST PROVISION WILL GOVERN. ALL DECK OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND OTHER TRADES CODE INFORMATION M. SEE ARCHITECTURAL SECTIONS AND DETAILS FOR ALL MISCELLANEOUS STRUCTURAL STEEL NOT OTHERWISE INDICATED IN THE EXPANSION JOINT 2017 OHIO BUILDING CODE - BUILDING RISK CATEGORY: CATEGORY II ENGINEER **EACH WAY** 7. FIELD QUALITY CONTROL: EXPANSION A. INSPECTION AGENCY IS TO PERFORM INSPECTION OF BOLTED CONNECTIONS PER THE REQUIREMENTS OF AISC SPECIFICATION FOR ROOF LIVE LOADS - ORDINARY FLAT, PITCHED, AND CURVED ROOFS STRUCTURAL JOINTS. 20 PSF FOUNDATION SNOW LOADS A. PROVIDE AND ERECT 1/4 TON OF STRUCTURAL AND/OR MISCELLANEOUS STEEL (STRUCTURAL SHAPES, ANGLES, PLATES, ETC.) TO BE FLOOR - GROUND SNOW LOAD (Pg) USED AS DIRECTED BY THE ARCHITECT/ENGINEER. CONNECTIONS TO BE FIELD-WELDED IF REQUIRED. - FLAT ROOF SNOW LOAD (Pf) FOOTING FTG - SNOW EXPOSURE FACTOR (Ce) FIRE-RETARDANT TREATED WOOD FRTW - SNOW LOAD IMPORTANCE FACTOR (Is) - THERMAL FACTOR (Ct) GAGE WIND LOADS UNPROTECTED PAINTED DECK: ASTM A1008 GALVANIZE - WIND IMPORTANCE FACTOR GALVANIZED SHEET STEEL: ASTM A653 GENERAL CONTRACTOR - BASIC ULTIMATE WIND SPEED (V ult) ROOF DECK: 1-1/2" DEEP, WIDE RIB, GALVANIZED. - BASIC ALLOWABLE WIND SPEED (V asd) 90 PSF HOLLOW CORE - SITE EXPOSURE CATEGORY - INTERNAL PRESSURE COEFFICIENT +/- 0.18 A. WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS. DESIGN, FABRICATION, AND ERECTION TO BE GOVERNED BY AISI "SPECIFICATION OF THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS." SEISMIC LOADS: INSIDE DIMENSION STRUCTURAL WELDING CODE, AWS D1.3 OF THE AMERICAN WELDING SOCIETY. - SEISMIC IMPORTANCE FACTOR INSIDE FACE SDI "DESIGN MANUAL FOR FLOOR DECK AND ROOF DECKS". - MAPPED SPECTRAL RESPONSE ACCELERATION (Ss) INTERIOR - MAPPED SPECTRAL RESPONSE ACCELERATION (S1) - SEISMIC SITE CLASS DECK TO STRUCTURAL STEEL OR JOISTS: 5/8" DIAMETER PUDDLE WELDS. - DESIGN SPECTRAL RESPONSE ACCELERATION (Sds) - DESIGN SPECTRAL RESPONSE ACCELERATION (Sd1) SIDE LAP FASTENING: #10 SCREWS. ROOF DECK FASTENING TO RESIST A GROSS UPLIFT OF 30 PSF MINIMUM. - SEISMIC DESIGN CATEGORY KICKER BRACE - RESPONSE MODIFICATION COEFFICIENT (R) - SEISMIC RESPONSE COEFFICIENT (Cs) A. PRIME PAINTED SHEET STEEL: ASTM A1008 SHOP PRIMED WITH MANUFACTURER'S STANDARD BAKED-ON, RUST-INHIBITIVE PRIMER; - SEISMIC DESIGN BASE SHEAR (V) EQUIVALENT LATERAL FORCE COLOR: MANUFACTURER'S STANDARD. - ANALYSIS PROCEDURE LIGHT GAGE METAL FRAMING GALVANIZED: CONFORM TO ASTM A653, G60. - BASIC SEISMIC FORCE-RESISTING SYSTEM: STEEL SYSTEMS NOT SPECIFICALLY DETAILED GALVANIZED AND SHOP-PRIMED STEEL SHEET: ASTM A653, G60. CLEANED, PRETREATED, AND PRIMED WITH MANUFACTURER'S LONG LEG BACK-TO-BACK STANDARD BAKED ON RUST-INHIBITIVE PRIMER; COLOR: MANUFACTURER'S STANDARD. LONG LEG HORIZONTAL LONG LEG VERTICAL - INTERIOR WALLS & PARTITIONS 5 PSF HORIZONTAL - HANDRAIL LOADS (ANY DIRECTION) 50 PLF/200# CONC. A. UNITS ARE TO BE CONTINUOUS OVER AT LEAST THREE SPANS. WHERE FEWER THAN THREE SPANS ARE NEEDED, GAGE IS TO BE MASONRY - RETAINING WALLS INCREASED AS REQUIRED TO OBTAIN THE SAME DESIGN STRENGTH AS THE THREE-SPAN CONDITION. END LAPS ARE ONLY BE MAXIMUM - BASEMENT WALLS FIELD CUTTING TO BE PERFORMED WITH A SAW. MINIMUM METAL DECK SHOULD BE PROTECTED FROM CORROSION FROM PRESERVATIVE CHEMICALS IN PRESSURE-TREATED LUMBER WITH A METAL GEOTECHNICAL: MINIMUM 20 MIL VAPOR BARRIER. ALL FASTENERS AND CONNECTORS IN CONTACT WITH PRESSURE-TREATED LUMBER ARE TO BE HOT - GEOTECNICAL ENGINEER GEOTECHNICAL CONSULTANTS INC. DIPPED GALVANIZED PER ASTM A153 AND ASTM A123 WITH A MINIMUM G185 COATING. - REFERENCE REPORT NO. NORTH PROVIDE ADDITIONAL SUPPORT FOR ALL DECK OPENINGS THAT ARE EQUAL TO OR GREATER THAN 12" IN WIDTH OR DIAMETER. NOT - REFERENCE REPORT DATE JULY 27, 2020 ALL DECK OPENINGS ARE SHOWN ON THE STRUCTURAL DRAWINGS. COORDINATE SIZE AND LOCATION WITH ARCHITECTURAL, NOT APPLICABLE - ALLOWABLE DESIGN BEARING PRESSURE: NOT IN CONTRACT - FOUNDATION TYPE: SHALLOW SPREAD FOOTING NOT TO SCALE COLD FORMED METAL FRAMING REINFORCED CONCRETE OUTSIDE DIAMETER COLD-FORMED METAL STUDS AND JOISTS SHOWN ON THE CONTRACT DOCUMENTS ARE DESIGNATED BY "DEPTH", "SHAPE", "WIDTH", SPECIFICATIONS: IN GENERAL, COMPLY WITH ACI-301-16, "SPECIFICATIONS FOR STRUCTURAL CONCRETE". OVERHEAD AND "THICKNESS" AS FOLLOWS: DEPTH: 362 (3-5/8"), 600 (6"), 800 (8"), ETC. OPPOSITE SHAPE: S (C-SHAPE), T (TRACK), U (CH OPENING WIDTH: 125 (1-1/4"), 162 (1-5/8"), 200 (2"), ETC. ORIENTED STRAND BOARD THICKNESS: -43 (18 GA.), -54 (16 GA.), -68 (14 GA.), -97 (12 GA.) EXAMPLE: 600S162-54 = 6" C-SHAPE, 1 5/8" FLANGE, 16 GA. POWDER ACTUATED FASTENERS ALL 18 GA AND LIGHTER STUDS TO BE 33 KSI MATERIAL; ALL 16 GA AND HEAVIER STUDS TO BE 50 KSI MATERIAL. ALL TRACKS AND ACCESSORIES: FY = 33 KSI MINIMUM. PRE-ENGINEERED METAL BUILDING OR SLARS ON GRADE WHICH RECEIVE MOISTURE 0.45 PFRP PERPENDICUI AR POUNDS PER SQUARE INCH 0.45 5%-7% WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS. DESIGN, FABRICATION, AND ERECTION TO BE GOVERNED BY POUNDS PER SQUARE FOOT 0.45 AISI "SPECIFICATION OF THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS." STRUCTURAL WELDING CODE, AWS D1.3 OF THE AMERICAN WELDING SOCIETY. REINFORCING 5.000 0.40 5%-7% REQUIRED A. SUBMIT MANUFACTURER'S STANDARD PRODUCT DATA AND INSTALLATION INSTRUCTIONS FOR EACH TYPE OF COLD-FORMED METAL ALL DEFORMED REINFORCING BARS: FY = 60,000 PSI. SCHED SCHEDULE. CEMENT: PORTLAND CEMENT, ASTM C150, TYPE 1. ALL CEMENT FOR CONCRETE EXPOSED TO VIEW IS TO BE FROM THE SAME MILL. SECTION SUBMIT FULLY DIMENSIONED ERECTION PLANS AND CONNECTION DETAILS INDICATING ALL COMPONENT AND MEMBER LOCATIONS AGGREGATES: ASTM C33, USE SIZE NO. 57 FOR ALL MIXES UNLESS NOTED OTHERWISE. STRUCTURAL ENGINEER OF RECORD ORIENTATION, AND LAYOUT. PLANS TO INCLUDE MEMBER SIZES, TYPES, GAGE DESIGNATIONS, QUANTITY AND SPACING. ALSO INCLUDE DETAILS OF CONNECTIONS NOTED SCREW TYPES, QUANTITIES, LOCATIONS, WELD SIZES, LENGTHS, AND LOCATIONS, AND ADDITIONAL SQUARE FOOT WATER-REDUCING, LOW AND MID RANGE: ASTM C494, TYPE A OR D. STRAPPING, BRACING, OR ACCESSORIES REQUIRED FOR A PROPER AND COMPLETE INSTALLATION. HIGH-RANGE WATER REDUCING, SUPERPLASTICIZER: ASTM C494, TYPE F OR G. SI OPED AIR-ENTRAINING: ASTM C260. SHORT LEG BACK-TO-BACK SPECIFICATION FIELD CONNECTIONS MAY BE EITHER WELDED OR SCREWED, EXCEPT AS SPECIFICALLY DETAILED OTHERWISE. NON-CHLORIDE, NON-CORROSIVE ACCELERATOR: ASTM C494, TYPE C OR F SQUARE VAPOR RETARDER SHALL CONFORM TO ASTM E1745 "STANDARD SPECIFICATION FOR PLASTIC WATER VAPOR RETARDERS USED IN WELD SIZE TO BE 1/8" WITH AWS TYPE 6013 OR 7014 ROD. CONTACT WITH SOIL OR GRANULAR FILL UNDER CONCRETE SLABS", CLASS A. EXCEPT AS NOTED OTHERWISE, MECHANICAL FASTENERS TO BE SELF TAPPING #10-16 SCREWS. STAINLESS STEEL VAPOR RETARDER SHALL BE INSTALLED IN ACCORDANCE WITH ASTM E1643 "STANDARD PRACTICE FOR INSTALLATION OF WATER STANDARD VAPOR RETARDERS USED IN CONTACT WITH EARTH OR GRANULAR FILL UNDER CONCRETE SLABS. THE VAPOR RETARDER/BARRIER SQUARE YARD SHALL BE A MINIMUM OF 10 MILS THICK AND PLACED DIRECTLY ON THE GRANULAR FILL, BELOW THE CONCRETE FLOOR SLAB. LAP ALL MATERIAL TO BE GALVANIZED COATED IN ACCORDANCE WITH ASTM A525 G-60. SYMMETRICAL JOINTS A MINIMUM OF 6 INCHES AND SEAL WITH MANUFACTURER'S RECOMMENDED TAPE OR ADHESIVE. TOUCH-UP FIELD WELDS WITH ZINC RICH PAINT. T/ or TO FIELD MANUAL: PROVIDE AT LEAST ONE COPY OF THE ACI FIELD REFERENCE MANUAL, SP-15 IN THE FIELD OFFICE AT ALL TIMES. TOP AND BOTTOM TEMPORARY OR TEMPERATURE TRACKS TO BE SECURELY ANCHORED TO SUPPORTING STRUCTURE WITH WELD OR SCREW AT EACH SIDE OF TRACKS. A. SUBMIT A MIX DESIGN FOR EACH MIXTURE USAGE REQUIRED FOR THE PROJECT. CONCRETE PROPORTIONS ARE TO BE ESTABLISHED PROVIDE HORIZONTAL BRIDGING AT 6'-0" O.C. MAX. FOR ALL STUD WALLS UNLESS NOTED OTHERWISE. BRIDGING IS NOT REQUIRED FOR TONGUE AND GROOVE ON THE BASIS OF PREVIOUS FIELD EXPERIENCE OR TRIAL MIXTURES.
SUBMIT PLACING DRAWINGS FOR ALL REINFORCING. INDICATE STRENGTH, SIZE, AND DETAILS OF ALL BAR REINFORCING. RTIONS OF INTERIOR NON-LOADBEARING STUD WALLS WHERE BOTH SIDES ARE FACED WITH SHEATHING. D. JOISTS TO BE LOCATED DIRECTLY OVER BEARING WALL STUDS UNLESS A LOAD DISTRIBUTION MEMBER IS PROVIDED AT THE TOP SUBMIT PRODUCT LITERATURE FOR ADMIXTURES AND CURING COMPOUNDS PROPOSED FOR USE. UNLESS NOTED SUBMIT REPORTS OF ALL REQUIRED TESTING AND INSPECTIONS. E. BEARING WALL STUDS ARE TO BE LOCATED DIRECTLY BELOW JOIST OR ROOF TRUSS BEARING UNLESS A LOAD DISTRIBUTION MEMBER IS PROVIDED AT THE TOP TRACK. UNLESS NOTED OTHERWISE END BLOCKING OR CONTINUOUS TRACK IS TO BE PROVIDED WHERE JOIST ENDS ARE NOT OTHERWISE RESTRAINED FROM ROTATION. PROVIDE LEAN CONCRETE UNDER FOUNDATIONS FOR ACCIDENTAL OVER EXCAVATION, SOFT SPOTS, AND UTILITY TRENCHES. G. WEB PUNCH-OUTS FOR BEAMS, JOISTS, AND RAFTERS ARE TO BE LOCATED A MINIMUM OF 10" AWAY FROM BEARING AND VAPOR BARRIER CONCENTRATED LOAD LOCATIONS. IF A PUNCH-OUT FALLS WITHIN 10" OF THESE LOCATIONS. PROVIDE REINFORCEMENT FOR THE MEMBER AS REQUIRED. ALTERNATELY, UN-PUNCHED SECTIONS MAY BE PROVIDED FOR BEAMS, JOISTS, AND RAFTERS. VERICAL EACH MEMBER OF MULTIPLE MEMBER COLUMNS ARE TO BE SCREWED TOGETHER USING FULL-HEIGHT TRACKS AND #10 SCREWS AT 12" A. OPENINGS SHOWN ARE FOR BIDDING PURPOSES ONLY. RECONCILE THEIR EXACT SIZE AND LOCATION WITH ARCHITECTURAL, D.C. ALTERNATELY, MULTIPLE MEMBER COLUMNS MAY BE WELDED TOGETHER WITH A 1" WELD AT 18" ON CENTER, EACH SIDE, EACH WIDE FLANGE MECHANICAL AND OTHER REQUIREMENTS BEFORE PROCEEDING WITH WORK. PROVIDE 2 NO. 5 BARS (PER CURTAIN) AROUND ALL WALL OPENINGS, EXTENDING TWO FEET BEYOND OPENING IN EVERY DIRECTION. WITH OPENINGS IN WALLS NOT EXCEEDING 12" x 12" MAY BE SLEEVED AS REQUIRED BY WORKING THE REINFORCING STEEL AROUND THEM WITHOUT C. IF ANY OPENING NOT SHOWN ON THE PLANS IS REQUIRED, SECURE APPROVAL OF THE STRUCTURAL ENGINEER BEFORE PROCEEDING WEIGHT POST-INSTALLED ANCHOR SYSTEMS WELDED WIRE FABRIC DOWELS IN FOOTINGS TO MATCH VERTICAL PIER OR WALL REINFORCING. A. LISTED ANCHOR PRODUCTS PROVIDED BELOW ARE NOT TO BE USED AS INTERCHANGEABLE PRODUCTS. EACH ANCHOR HAS DEFINED PROVIDE CORNER BARS AT WALL AND FOOTING CORNERS TO MATCH HORIZONTAL REINFORCING. MINIMUM LENGTH OF EACH LEG - 36 CAPACITIES BASED UPON TESTED PERFORMANCE WITH APPLICABLE SAFETY FACTORS AND WILL VARY ACROSS MANUFACTURERS. DO NOT BACKFILL AGAINST BASEMENT WALLS UNTIL BOTH ADJACENT FLOOR SLABS ARE IN PLACE. YPES OF ANCHORS INDICATED THROUGHOUT THE DESIGN DOCUMENTS ARE DETAILED FOR THEIR SPECIFIC PURPOSE AND CAPACITY SUBSTITUTION OF ANCHORS FROM THOSE SPECIFIED ARE ONLY ALLOWED AFTER ENGINEER REVIEW AND APPROVAL OR AMENDMENT B. PROVIDE ANCHORAGE MATCHING MANUFACTURER, TYPE, DIAMETER, EMBEDMENT, AND BASE MATERIAL AS INDICATED IN THE A. LAP SPLICE REINFORCING BARS AS SCHEDULED. MINIMUM LAP = 36 DIAMETERS. C. ALL POST-INSTALLED ANCHORS TO BE HAMMER DRILLED. FOLLOW ALL HOLE CLEANING AND INSTALLATION INSTRUCTIONS AS PULATED BY THE ANCHOR MANUFACTURER. FOLLOW ALL OSHA GUIDELINES FOR CONCRETE DRILLING AS IT PERTAINS TO SILICA A. PER ACI 117, SURFACES OF INTERIOR SLABS ON GRADE ARE TO BE FINISHED TO THE FOLLOWING TOLERANCES: FLOOR FLATNESS F(f)= INSTALLATION OF ADHESIVE ANCHORS MUST BE PERFORMED BY PERSONNEL TRAINED TO INSTALL ADHESIVE ANCHORS THROUGH TYPICAL INTERIOR FLOOR AREAS TO RECEIVE CARPET, RESILIENT FLOOR COVERING, OR TO REMAIN EXPOSED - TROWELED FINISH. MANUFACTURER TRAINING PROGRAMS. INTERIOR FLOOR AREAS TO RECEIVE QUARRY TILE OR CERAMIC TILE - FLOATED FINISH. INSTALLATION OF ADHESIVE ANCHORS IN THE HORIZONTAL OR UPWARDLY INCLINED ORIENTATION AND WHERE SUPPORTING EXTERIOR SLABS - BROOM FINISH. SUSTAINED TENSION LOADS SHALL BE INSTALLED BY CERTIFIED PERSONNEL BY ACI/CRSI INSTALLATION PROGRAMS. MINIMUM CONCRETE AGE FOR POST-INSTALLED ADHESIVE ANCHORS SHALL BE NOT LESS THAN 28 DAYS. ALL ANCHORS IN CONTACT WITH PRESSURE TREATED LUMBER ARE TO BE HOT DIPPED GALVANIZED PER ASTM A153 WITH A MINIMUM G185 COATING OR STAINLESS STEEL WITH CHEMICAL COMPOSITION CONFORMING TO AISI 303/304 OR AISI 316. FASTENERS AND CONNECTORS ARE TO BE OF THE SAME MATERIAL, STAINLESS STEEL OR HOT DIPPED GALVANIZED, DO NOT MIX MATERIALS. A. CURING IS TO COMMENCE IMMEDIATELY AFTER CONCRETE PLACEMENT AND CONTINUE FOR AT LEAST 7 DAYS. DO NOT ALLOW CURING INTERIOR SLABS TO RECEIVE QUARRY TILE OR CERAMIC TILE ARE TO BE MOIST-CURED WITHOUT THE USE OF A CURING COMPOUND. ALL OTHER SLABS MAY BE EITHER MOIST-CURED OR RECEIVE AN APPLICATION OF CURING COMPOUND. ANCHORAGE TO CONCRETE ACCEPTABLE MECHANICAL EXPANSION ANCHORAGE SYSTEMS DEWALT POWER STUD +SDI WEDGE EXPANSION ANCHOR HILTI KWIK BOLT 3 EXPANSION ANCHOR A. OBTAIN CONCRETE FOR REQUIRED TESTS AT POINT OF PLACEMENT. IF CONCRETE IS PUMPED, OBTAIN CONCRETE AT DISCHARGE END. HILTI KWIK BOLT TZ EXPANSION ANCHOR SIMPSON STRONG-BOLT 2 WEDGE EXPANSION ANCHOR B. FOR EACH CLASS OF CONCRETE, OTHER THAN LEAN CONCRETE, PERFORM ONE STRENGTH TEST FOR EACH 50 YARDS, OR FRACTION ACCEPTABLE MECHANICAL SLEEVE ANCHORAGE SYSTEMS: (MAY NOT BE USED TO SECURE MAIN BUILDING FRAME COMPONENTS)

1. DEWALT LOK-BOLT AS SLEEVE ANCHOR THEREOF, FOR ONE DAY PLACEMENT DETERMINE SLUMP FOR EACH STRENGTH TEST DETERMINE AIR CONTENT FOR EACH STRENGTH TEST OF EXTERIOR EXPOSED CONCRETE. SIMPSON SLEEVE-ALL SLEEVE ANCHOR MAINTAIN RECORDS OF ALL TESTS INDICATING EXACT LOCATION OF THE STRUCTURE REPRESENTED BY EACH TEST. ACCEPTABLE MECHANICAL SCREW ANCHORAGE SYSTEMS DEWALT SCREW-BOLT+ HILTI KWIK HUS-EZ SCREW ANCHOR CCEPTABLE ADHESIVE ANCHORAGE SYSTEMS DEWALT AC200+ ADHESIVE FOR REINFORCING BAR CONCRETE BLOCK: ASTM C90 (HOLLOW AND SOLID), fm = 2,500 PSI DEWALT PURE50+ ADHESIVE FOR THREADED ROD AND REINFORCING BAR MORTAR: ASTM 270 TYPE S. MINIMUM COMPRESSIVE STRENGTH = 1.800 PSI DEWALT PURE110+ ADHESIVE FOR THREADED ROD AND REINFORCING BAR BOND BEAM AND CORE FILL: ASTM C476, COARSE TYPE WITH fc = 2,500 PSI MIN. HILTI HIT-HY 200 ADHESIVE FOR THREADED ROD, REINFORCING BAR, AND HILTI SPECIFIC ROD AND INSERT SYSTEMS. HILTI HIT-RE 500 ADHESIVE FOR THREADED ROD AND REINFORCING BAR. HORIZONTAL JOINT REINFORCING: STANDARD LADDER TYPE, 9 GA., MILL GALVANIZED FINISH. PROVIDE AT 8" O.C. BELOW GRADE, AND 16" O.C. ABOVE GRADE, UNLESS NOTED OTHERWISE. HILTI HIT-RE 100 ADHESIVE FOR THREADED ROD AND REINFORCING BAR. SIMPSON AT-XP ADHESIVE FOR THREADED ROD AND REINFORCING BAR. PROVIDE CONTROL JOINTS IN ALL MASONRY WALLS AT A SPACING NOT TO EXCEED THREE TIMES THE WALL HEIGHT OR 24 FEET ON ANCHORAGE TO CONCRETE MASONRY OR BRICK MASONRY AS INDICATED: CENTER, WHICHEVER IS SMALLER. IN ADDITION, PROVIDE CONTROL JOINTS AT THE ENDS OF LINTELS, CHANGES IN WALL HEIGHT, FOLLOW ALL MANUFACTURERS INSTALLATION INSTRUCTIONS IN REGARD TO LOCATION OF ANCHORS AWAY FROM HEAD JOINTS, CHANGES IN WALL THICKNESS, WITHIN 2 FEET OF WALL CORNERS AND INTERSECTIONS, TRANSITIONS FROM INTERIOR WALL TO MINIMUM EDGE DISTANCES, AND MINIMUM ANCHOR SPACING. EXTERIOR WALL, AND TRANSITIONS FROM WALL BEARING ON FOUNDATION TO WALL BEARING ON FLOOR SLAB. ACCEPTABLE MECHANICAL EXPANSION ANCHORAGE SYSTEMS DEWALT POWER STUD +SDI WEDGE EXPANSION ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY HILTI KWIK BOLT 3 EXPANSION ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY SIMPSON STRONG-BOLT 2 WEDGE EXPANSION ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY PROVIDE 100% SOLID CMU BEARING, MINIMUM 3 COURSES UNDER BEAMS, 2 COURSES UNDER JOISTS, UNLESS DETAILED OTHERWISE. CEPTABLE MECHANICAL SLEEVE ANCHORAGE SYSTEMS: (MAY NOT BE USED TO SECURE MAIN BUILDING FRAME COMPONENTS) PROVIDE SOLID OR GROUT-FILLED CMU FOR ALL BELOW-GRADE FOUNDATION WALLS. DEWALT LOK-BOLT AS SLEEVE ANCHOR IN GROUT FILLED. SOLID. OR HOLLOW CONCRETE MASONRY, AND SOLID BRICK MASONRY FILL CORE SOLID AROUND CAST-IN ANCHOR RODS. HILTI HLC SLEEVE ANCHOR IN GROUT FILLED, SOLID, OR HOLLOW CONCRETE MASONRY, AND SOLID BRICK MASONRY PROVIDE SOLID CMU OR SOLIDLY FILLED HOLLOW CMU AT ALL EPOXY ANCHOR AND WEDGE ANCHOR LOCATIONS. EXTEND SOLID AREA SIMPSON SLEEVE-ALL SLEEVE ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY ACCEPTABLE MECHANICAL SCREW ANCHORAGE SYSTEMS: SET WELD PLATES IN BOND BEAMS AFTER THE GROUT IS PLACED, BUT WHILE IT IS STILL PLASTIC. HILTI KWIK HUS-EZ SCREW ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY FILL ALL BEARING POCKETS AROUND BEAM AND JOIST SEATS WITH SOLID CMU. DEWALT SCREW-BOLT+ SCREW ANCHOR IN GROUT FILLED OR SOLID CONCRETE MASONRY AND BRICK MASONRY HOLLOW MASONRY UNITS TO BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS ARE TO SIMPSON TITEN HD SCREW ANCHOR IN GROUT FILLED, SOLID, OR HOLLOW CONCRETE MASONRY ALSO BE BEDDED IN ALL COURSES OF PIERS. PILASTERS. THE STARTING COURSE ON FOOTINGS, AND WHEN ADJACENT TO CELLS OR EPTABLE ADHESIVE ANCHORAGE SYSTEMS: CAVITIES TO BE REINFORCED OR FILLED WITH CONCRETE OR GROUT. SOLID UNITS TO BE LAID WITH FULL HEAD AND BED JOINTS. DEWALT AC100+ GOLD FOR THREADED ROD AND REINFORCING BAR IN GROUT FILLED MASONRY CONSTRUCTION. USE WITH PROVIDE APPROPRIATE MASONRY ANCHORS AT 16" O.C. MAX. TO TIE MASONRY TO ABUTTING STEEL COLUMNS, STEEL BEAM WEBS, AND SCREEN TUBES IN HOLLOW MASONRY CONSTRUCTION. ALL ABUTTING CONCRETE SURFACES. HILTI HIT-HY 270 ADHESIVE FOR THREADED ROD, REINFORCING BAR, AND HILTI SPECIFIC ROD AND INSERT SYSTEMS IN GROUT MINIMUM EMBEDMENT FOR WEDGE ANCHORS IS TO BE 7 BOLT DIAMETERS, UNLESS DESIGNATED OTHERWISE. MINIMUM EMBEDMENT FILLED OR SOLID CONCRETE MASONRY CONSTRUCTION. USE WITH SCREEN TUBES IN HOLLOW MASONRY, MULIT-WYTHE FOR EPOXY ANCHORS IS TO BE 9 BOLT DIAMETERS, UNLESS DESIGNATED OTHERWISE. WHERE HOLLOW MASONRY UNITS ARE USED ABOVE HOLLOW MASONRY UNITS OF A DIFFERENT THICKNESS, PROVIDE A CONTINUOUS 3. SIMPSON SET-XP ADHESIVE FOR THREADED ROD AND REINFORCING BAR IN GROUT FILLED, SOLID, AND HOLLOW CONCRETE COURSE OF SOLID MASONRY AT LEAST 8" HIGH BELOW THE TRANSITION. LAP SPLICE REINFORCING BARS AS SCHEDULED MINIMUM LAP = 48 BAR DIAMETERS ALL GROUTING OF MASONRY WALLS IS TO BE BY THE LOW-LIFT GROUTING METHOD (MAXIMUM LIFT HEIGHT 5'-0"), UNLESS CLEAN-OUTS AND INSPECTIONS ARE PROVIDED. STRUCTURAL STEEL STRUCTURAL STEEL WIDE FLANGE SHAPES: ASTM A992, Fy = 50 KSI STRUCTURAL STEEL CHANNELS, ANGLES, ETC.: ASTM A36, Fv = 36 KS STRUCTURAL STEEL PLATES: UNLESS NOTED OTHERWISE - ASTM A36, Fy = 36 KSI; ASTM A529 OR A572, Fy = 50 KSI, WHERE NOTED HIGH STRENGTH BOLTS: ASTM A325 OR A490 ANCHOR RODS: ASTM F1554, GRADE 36, UNLESS NOTED OTHERWISE ELECTRODES: SERIES E70 RECTANGULAR HSS: ASTM A500, GRADE C. FY = 50 KSI ROUND HSS: ASTM A500, GRADE C. FY = 46 KSI STRUCTURAL PIPES: ASTM A53, GRADE B, FY = 35 KSI

TABLE 1	STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL	L DISCIPLINE	
	REQUIRED SPECIAL INSPECTIONS AND TESTS FOR SOILS		
	TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPEC
<ol> <li>VERIFY MATERIALS BEI CAPACITY.</li> </ol>	LOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING		Х
2. VERIFY EXCAVATIONS	ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		X
	TION AND TESTING OF COMPACTED FILL MATERIALS.		X
COMPACTION OF COMP		X	
<ol><li>PRIOR TO PLACEMENT PREPARED PROPERLY.</li></ol>	OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN		Х
	REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTR	HICTION	
		CONTINUOUS	PERIODIC
	TYPE	SPECIAL INSPECTION	SPECIAL INSPEC
<ol> <li>INSPECT REINFORCEM</li> </ol>	ENT AND VERIFY PLACEMENT.		Х
2. REINFORCING BAR WEI	LDING:		
A. VERIFY WELD	ABILITY OF REINFORCING BARS OTHER THAN ASTM A706.		X
B. INSPECT SINC	GLE PASS FILLET WELDS, MAXIMUM 5/16".		X
C. INSPECT ALL	OTHER WELDS.	Χ	
3. INSPECT ANCHORS CA	ST IN CONCRETE.		Х
4. INSPECT ANCHORS PO	ST-INSTALLED IN HARDENED CONCRETE MEMBERS.		
	ICHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO AINED TENSION LOADS.	X	
B. MECHANICAL	ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4A.		X
5. VERIFY USE OF REQUIF	RED DESIGN MIX.		X
6. PRIOR TO CONCRETE F	PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR DETERMINE THE TEMPERATURE OF THE CONCRETE.	Х	
, , , , , , , , , , , , , , , , , , , ,	ND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Х	
8. VERIFY MAINTENANCE	OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		Х
9. INSPECT FORMWORK F	FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.		Х
	'LEVEL A' QUALITY ASSURANCE REQUIRED SPECIAL INSPECTIONS AND TESTS OF MA		
	ТҮРЕ	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPE
PRIOR TO CONSTRUCT	ION, VERIFY CERTIFICATES OF COMPLIANCE USED IN MASONRY CONSTRUCTION.		X

	REQUIRED SPECIAL INSPECTIONS AND TESTS FOR STEEL DECK	DEDECONA	0.5
INSPECTION OR EXECUTION TA	TYPE  TYPE	PERFORM	OE
A. VERIFY COMPLIANCE O	ISBN S FROM TO DECK FLICEMENT:  FMATERIALS (DECK AND DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS,  MATERIAL PROPERTIES, AND BASE METAL THICKNESS.	X	
B. DOCUMENT ACCEPTAN	ICE OR REJECTION OF DECK AND DECK ACCESSORIES.	X	
2. INSPECTION OR EXECUTION TA	ISKS AFTER DECK PLACEMENT:		
A. VERIFY COMPLIANCE O	F DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.	X	
B. VERIFY DECK MATERIA CONSTRUCTION DOCU	LS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE MENTS.	Х	
C. DOCUMENT ACCEPTED	OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES.	X	
3. INSPECTION OR EXECUTION TA	SKS PRIOR TO WELDING		
A. WELDING PROCEDURE	SPECIFICATIONS (WPS) AVAILABLE.		
B. MANUFACTURER CERT	IFICATIONS FOR WELDING CONSUMABLES AVAILABLE.		
C. MATERIAL IDENTIFICAT	ION (TYPE/GRADE).		
D. CHECK WELDING EQUIP	PMENT.		
4. INSPECTION OR EXECUTION TA	ISKS DURING WELDING:		
A. USE OF QUALIFIED WEL	LDERS.		
B. CONTROL AND HANDLII	NG OF WELDED CONSUMABLES		
C. ENVIRONMENTAL CONF	DITIONS (WIND SPEED, MOISTURE, TEMPERATURE).		
D. WPS FOLLOWED			
5. INSPECTION OR EXECUTION TA	ISKS AFTER WELDING:		
A. VERIFY SIZE AND LOCA	TION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS.	X	
B. WELDS MEET VISUAL A	CCEPTANCE CRITERIA.	X	
C. VERIFY REPAIR ACTIVIT	TIES.	X	
D. DOCUMENT ACCEPTAN	ICE OR REJECTION OF WELDS	X	
6. INSPECTION OR EXECUTION TA	ISKS PRIOR TO MECHANICAL FASTENING:		
A. MANUFACTURER INSTA	ALLATION INSTRUCTIONS ARE AVAILABLE FOR MECHANICAL FASTENERS.		
B. PROPER TOOLS AVAILA	BLE FOR FASTENER INSTALLATION.		
C. PROPER STORAGE FOR	R MECHANICAL FASTENERS.		
7. INSPECTION OR EXECUTION TA	ISKS DURING MECHANICAL FASTENING:		
A. FASTENERS ARE POSIT	TIONED AS REQUIRED.		
B. FASTENERS ARE INSTA	ILLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.		
8. INSPECTION OR EXECUTION TA	ISKS AFTER MECHANICAL FASTENING:		
A. CHECK SPACING, TYPE	, AND INSTALLATION OF SUPPORT FASTENERS.	X	
B. CHECK SPACING, TYPE	, AND INSTALLATION OF SIDELAP FASTENERS.	X	
C. CHECK SPACING, TYPE	, AND INSTALLATION OF PERIMETER FASTENERS.	X	
D. VERIFY REPAIR ACTIVIT	FIES.	X	
E. DOCUMENT ACCEPTAN	ICE OR REJECTION OF MECHANICAL FASTENERS.	X	
TEEL DECK INSPECTION NOTES:			1

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STRUCTURAL STEEL CONSTRUCTION

INSPECTIONS SHALL BE PERFORMED TO DETERMINE THE EXTENT OF NON-CONFORMANCE.

INSPECTION TASKS PRIOR TO WELDING:     A. WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS.     B. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.		
B. WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE.		X
	Х	
C. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE.	Х	
	Α	
D. MATERIAL IDENTIFICATION (TYPE/GRADE)		Х
E. WELDER IDENTIFICATION SYSTEM.		Х
F. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY):		
JOINT PREPARATIONS.		Х
DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL.		X
CLEANLINESS (CONDITION OF STEEL SURFACES).		X
TACKING (TACK WELD QUALITY AND LOCATION).		X
BACKING TYPE AND FIT (IF APPLICABLE).		Х
G. FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY):		
JOINT PREPARATIONS.		X
DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL.		X
CLEANLINESS (CONDITION OF STEEL SURFACES).  TACKING TACK MELD QUALITY AND LOCATION.		X X
TACKING (TACK WELD QUALITY AND LOCATION).		
H. CONFIGURATION AND FINISH OF ACCESS HOLES.		Х
I. FIT-UP OF FILLET WELDS:		
DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL.		Х
CLEANLINESS (CONDITION OF STEEL SURFACES).		Χ
TACKING (TACK WELD QUALITY AND LOCATION).		Х
. INSPECTION TASKS PRIOR TO WELDING:		
A. CONTROL AND HANDLING OF WELDING CONSUMABLES.		
PACKAGING		Х
EXPOSURE CONTROL		X
B. NO WELDING OVER CRACKED TACK WELDS.		Х
C. ENVIRONMENTAL CONDITIONS:		
WIND SPEED WITHIN LIMITS		v
WIND SPEED WITHIN LIMITS     PRECIPITATION AND TEMPERATURE		X X
		^
D. WPS FOLLOWED:		
SETTINGS ON WELDING EQUIPMENT  TRAVEL CREEK		X
TRAVEL SPEED     SELECTED WELDING MATERIALS		X
SHIELDING GAS TYPE/FLOW RATE		X X
PREHEAT APPLIED		X
INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)		X
PROPER POSITION (F, V, H, OH)		Х
TRAVEL SPEED		X
E. WELDING TECHNIQUES		
INTERPASS AND FINAL CLEANING		Х
EACH PASS WITHIN PROFILE LIMITATIONS		X
EACH PASS WITHIN PROFILE LIMITATIONS	  X	Х
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	 X	Х
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:	x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.		Х
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:	x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.		X X 
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS	 X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA:	 X X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION	 X X X X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS     EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA:     CRACK PROHIBITION     WELD //BASE-METAL FUSION     CRATER CROSS SECTION     WELD PROFILES	 X X X X X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE	 x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT	 X X X X X X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD //BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY	 x x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JASSE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT	 X X X X X X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD //BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY	 x x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JRASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA	 X X X X X X X	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.	 x x x x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.  G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	x x x x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.	 x x x x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION WELD /BASE-METAL FUSION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES. E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).	x x x x x x x x x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	x  x  x  x  x  x  x  x  x  x  x  x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.  G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).  H. REPAIR ACTIVITIES.  I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.  J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	x  x  x  x  x  x  x  x  x  x  x  x	X X 
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES.  E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES.  G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).  H. REPAIR ACTIVITIES. I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER.	x  x  x  x  x  x  x  x  x  x  x  x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING:  A. WELDS CLEANED.  B. SIZE, LENGTH, AND LOCATION OF WELDS  C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD /BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES. E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED).  H. REPAIR ACTIVITIES.  I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR.	x  x  x  x  x  x  x  x  x  x  x  x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS  F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JEASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY  D. ARC STRIKES. E. K-AREA  F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16° AND GREATER.	x x x x x x x x x x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JASSE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY D. ARC STRIKES. E. K-AREA F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16" AND GREATER.	x x x x x x x x x x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  B. INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JASSE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY D. ARC STRIKES. E. K-AREA F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. J. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16° AND GREATER. I. INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	x x x x x x x x x x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  S. INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UINDERCUT POROSITY D. ARC STRIKES. E. K-AREA F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UIT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16" AND GREATER. I. INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	x x x x x x x x x x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  3. INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JASSE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY D. ARC STRIKES. E. K-AREA F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. J. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16* AND GREATER.  4. INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.  5. ANCHOR ROD PLACEMENT INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	x x x x x x x x x x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  S. INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UINDERCUT POROSITY D. ARC STRIKES. E. K-AREA F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. I. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UIT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16" AND GREATER. I. INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	x x x x x x x x x x	x x x
EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS F. PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS  B. INSPECTION TASKS AFTER WELDING: A. WELDS CLEANED. B. SIZE, LENGTH, AND LOCATION OF WELDS C. WELDS MEET VISUAL ACCEPTANCE CRITERIA: CRACK PROHIBITION WELD JBASE-METAL FUSION CRATER CROSS SECTION WELD BASE-METAL FUSION CRATER CROSS SECTION WELD SIZE UNDERCUT POROSITY D. ARC STRIKES. E. K-AREA F. WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES. G. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). H. REPAIR ACTIVITIES. J. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. J. NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR. K. NON-DESTRUCTIVE TESTING FOR COMPLETE-JOINT-PENETRATION (CJP) WELDS: UT SHALL BE PERFORMED ON ALL CJP JOINTS IN MATERIAL 5/16" AND GREATER.  INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.  ANCHOR ROD PLACEMENT INSPECTION TASKS AFTER BOLTING: A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS.	x x x x x x x x x x	x x x

STRUCTURAL STEEL INSPECTION NOTES 1. "PERFORM" — THESE TASKS SHALL BE PERFORMED FOR EACH WELDED/BOLTED JOINT OR MEMBER 2. "OBSERVE" — THE INSPECTOR SHALL OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE.

	SPLICE SCHE				
	3,000 psi & 3,500 psi CONCRETE UNCOATED REINFORCING BARS				
BAR SIZE	3/4" CLR.	1 1/2" CLR. AND GREATER			
#4	3'-1" 2'-4'	3'-1" 2'-4			
#5	3'-10" 3'-0'	3'-10" 3'-			
#6	4'-8" 3'-7'				
#7	7'-6" 5'-9'	5'-2"			
#8	9'-3" 7'-1'	7'-9" 5'-1			
#9	11'-2" 8'-7'				
#10	13'-6" 10'-4'	9'-10" 7'-			
#11	15'-10" 12'-2'	10'-11"8'-			

4,000 psi & 4,500 psi CONCRETE UNCOATED REINFORCING BARS				
BAR SIZE	3/4" CLR.		1 1/2" CLR. GREATE	
#4	2'-8"	2'-1"	2'-8"	
#5	3'-4"		3'-4"	
#6	4'-0"	3'-1"	4'-0"	
#7	6'-6"	5'-0"	5'-10"	
#8	8'-0"	6'-2"	6'-8"	
#9	9'-8"	7'-6"	71.01	
#10	11'-8"	9'-0"		
#11	13'-8"	10'-6"	9'-5"	

LAP SPLICE SCHEDULE FOR

CONCRETE REINFORCING

CONCRETE REINFORCING					
5,000 psi & 5,500 psi CONCRETE UNCOATED REINFORCING BARS					
BAR SIZE	3/4" CLR.	1 1/2" CLR. A GREATER			
#4	2'-5" 1'-10"	2'-5"			
#5	3'-0" 2'-4"	3'-0"			
#6	3'-7" 2'-9"	3'-7"			
#7	5'-9" 4'-5"	5'-3"			
#8	7'-2" 5'-6"	6'-0"			
#9	8'-8" 6'-8"	6'-9"			
#10	10'-5" 8'-0"	7'-7"			
#11	12'-3" 9'-5"	8'-5"			

LAP SPLICE SCHEDULE FOR

- TOP BARS ARE DEFINED AS HORIZONTAL BARS WITH MORE THAN 12" OF CONCRETE CAST BELOW THE BAR
- 2. BAR SPACING TO BE A MINIMUM OF THREE DIAMETERS UNLESS NOTED OR SCHEDULED OTHERWISE.
- 3. APPLICABLE ONLY FOR 60 KSI STEEL AND NORMAL WEIGHT CONCRETE.
- 4. IN LIEU OF LAP SPLICING. BARS MAY BE SPLICED BY MECHANICAL MEANS WHICH DEVELOP AT LEAST 125% OF THE BAR'S SPECIFIED YIELD STRENGTH

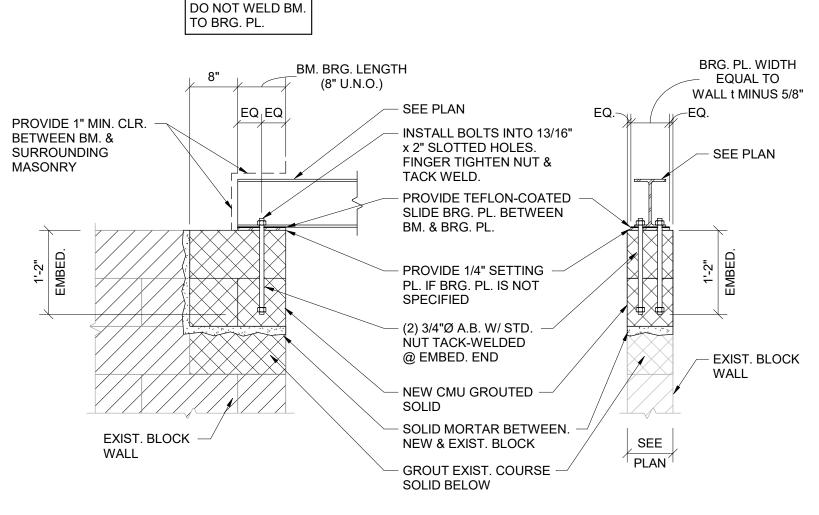
REINFORCING COVER/TOLERANCE (#3 - #11 BARS)				
EXPOSURE CONDITION	MIN. COVER (U.N.O.)	PLACEMENT TOLERANCE		
CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:	3"	0", +3"		
EXPOSED TO EARTH OR WEATHER - #5 AND SMALLER BARS: - #6 AND LARGER BARS:	1-1/2" 2"	-1/4", +1/2" -1/4", +1/2"		
NEITHER EXPOSED TO WEATHER, NOR IN CONTACT WITH GROUND - SLABS AND WALLS: - BEAMS, COLUMNS, & PIERS: (TO TIES OR STIRRUPS)	3/4" 1-1/2"	-1/4", +3/8" -1/4", +1/2"		

	INIDIO ATEO TOLEDANIOE TOLAKADI	DO 14514DED 5	
"-"	INDICATES TOLERANCE TOWARI	DS MEMBER F	ACE.
"+"	INDICATES TOLERANCE AWAY F	ROM MEMBER	FACE.

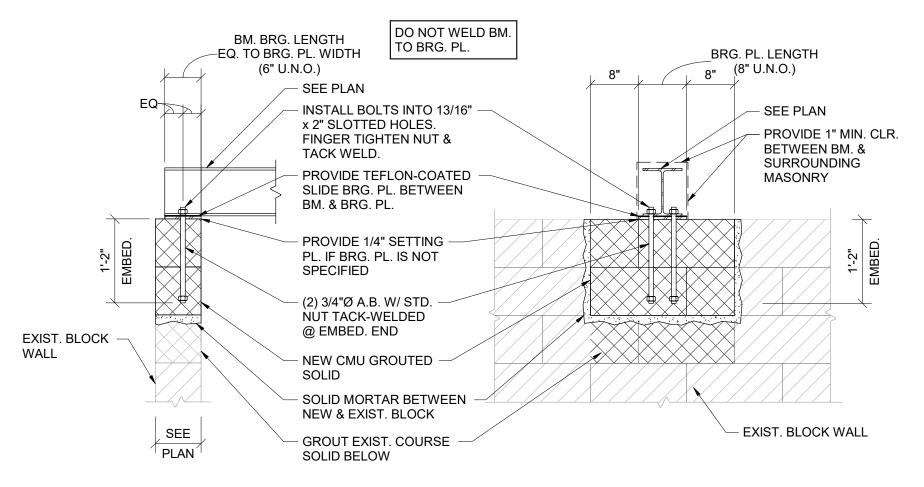
				EDULE FO	
	f'm =	1,500 psi	BAR CENT	TERED IN W	ALL d = t/2
			ld (in)		
	BAR#	8" CMU	10" CMU	12" CMU	14" CMU
	#3	1'-0"	1'-0"	1'-0"	1'-0"
	#4	1'-3"	1'-0"	1'-0"	1'-0"
	#5	1'-11"	1'-6"	1'-3"	1'-2"
	#6	3'-7"	2'-10"	2'-4"	1'-11"
	#7	5'-0"	3'-10"	3'-2"	2'-8"
	#8	7'-8"	5'-11"	4'-9"	4'-0"
	#9	-	7'-7"	6'-2"	5'-2"

" INDICATES LAP LENGTH GREATER THAN MAXIMUM ALLOWABLE HEIGHT OF 5'-0" FOR LOW-LIFT GROUTING.

2. APPLICABLE ONLY FOR BARS CENTERED IN MASONRY CELL. 3. APPLICABLE ONLY FOR 60 KSI STEEL AND ASTM C90 BLOCK.



#### TYPICAL BEAM BEARING PARALLEL <u>TO EXISTING MASONRY WALL OR AT CORNEI</u> **OF EXISTING MASONRY WALL**



#### TYPICAL BEAM BEARING PERPENDICULAR <u> TO EXISTING MASONRY WALL</u>

3/4" = 1'-0"



CONSTRUCTION

CHANGE DESCRIPTION

RENOVATION OF HEARTLAND 6500 FRANTZ ROAD, **DUBLIN OH - 43017 HEARTLAND BANK** 



300 SPRUCE STREET SUITE 300

COLUMBUS, OHIO 43215 PHONE: (614) 461-4664

**GENERAL STRUCTURE** 

**INFORMATION** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: Author | CHECKED BY: Checker 20022 **S001** 

11/30/2020

FINAL DEVELOPMENT PLAN

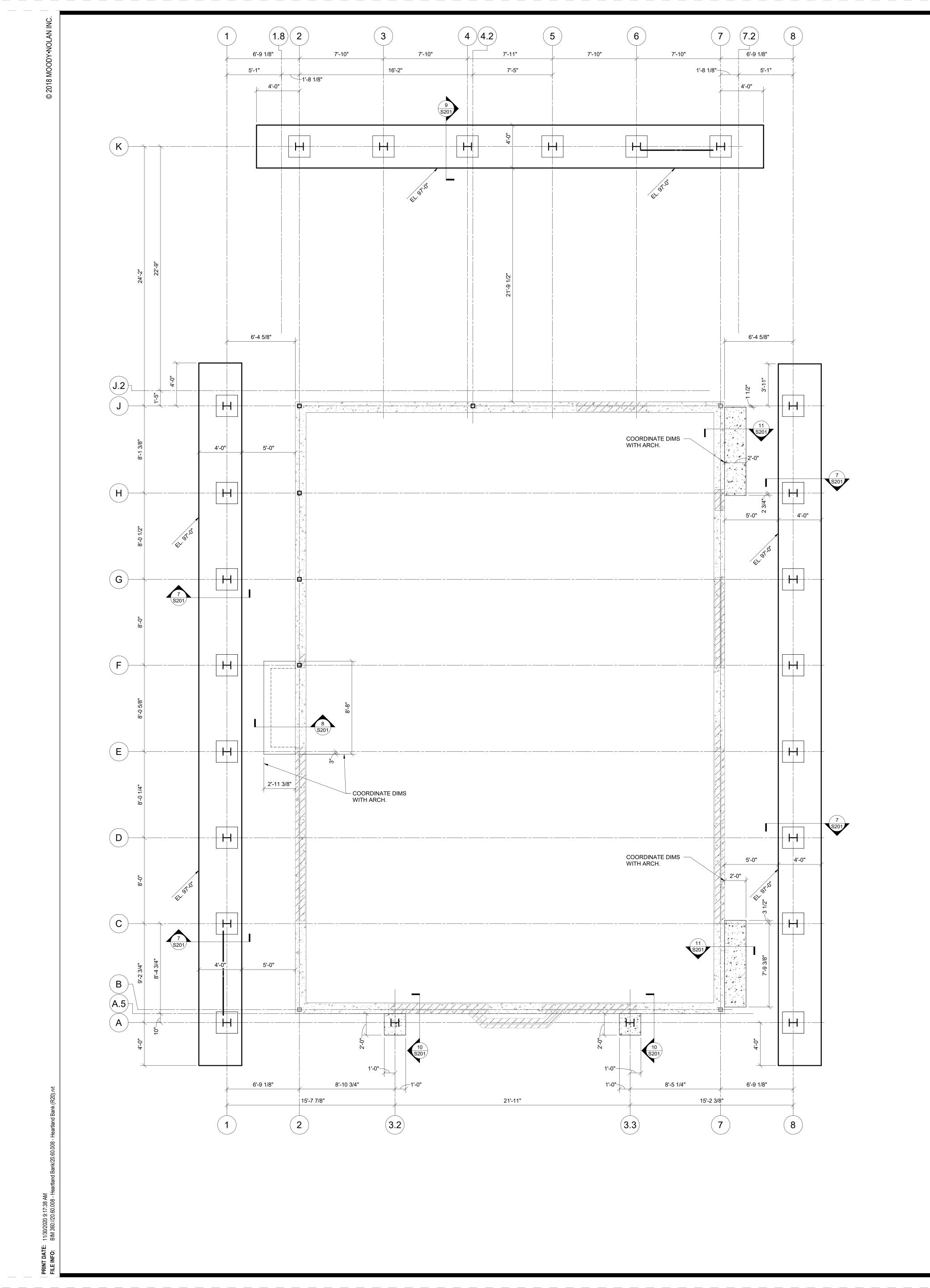
INDICATING CUTS, COPES, CAMBERS, CONNECTIONS, HOLES, THREADED FASTENER TYPES AND SIZES, AND SIZES AND LENGTHS OF B. INDICATE MATERIAL SPECIFICATIONS, STRENGTHS, AND FINISHES.

DEFORMED BAR ANCHORS: ASTM A496, Fy = 70 KSI

WELDING PERSONNEL AND PROCEDURES ARE TO BE QUALIFIED PER AWS D1.1. UNLESS SPECIFICALLY SHOWN OTHERWISE, DESIGN, FABRICATION AND ERECTION TO BE GOVERNED BY THE LATEST REVISIONS OF: AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. AISC CODE OF STANDARD PRACTICE.

STRUCTURAL WELDING CODE, AWS D1.1 OF THE AMERICAN WELDING SOCIETY. SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS.

SUBMIT SHOP DRAWINGS FOR REVIEW AND APPROVAL WHICH INCLUDE ERECTION PLANS, CONNECTION DETAILS. AND SHOP DETAILS



## FOUNDATION/FIRST FLOOR FRAMING PLAN 1/4" = 1'-0"



1. DESIGN SOIL BEARING PRESSURE = 3,000 PSF. SEE S001 FOR REFERENCE SOILS REPORT INFORMATION. REFERENCE THIS REPORT FOR ANY REQUIRED SITE BUILDING PAD PREPARATION PRIOR TO FOUNDATION AND/OR SLAB-ON-GRADE CONSTRUCTION. FOOTING EXCAVATIONS MAY BE REQUIRED TO EXTEND THROUGH EXISTING FILL REGIONS IN ORDER TO BEAR ON SUITABLE MATERIAL. OVER-EXCAVATIONS ARE TO BE FILLED WITH LEAN CONCRETE UP TO THE PLANNED BOTTOM OF FOOTING ELEVATION. PLACE NO CONCRETE PRIOR TO INSPECTION AND APPROVAL OF BEARING SURFACES BY SOILS ENGINEER.

- KEEP FOUNDATIONS FREE OF WATER AT ALL TIMES. REPLACE WEAKENED SOIL WITH LEAN CONCRETE OR FLOWABLE FILL.
- 3. BOTTOM OF FOOTINGS ARE TO BE AT LEAST 36 INCHES BELOW THE ADJACENT EXTERIOR FINISHED GRADE FOR FROST PROTECTION.
- ELEVATIONS SHOWN ON FOOTINGS INDICATE ELEVATION AT TOP OF FOOTING. REFERENCE ELEVATION/TOP OF CONCRETE SLAB ELEVATION AS NOTED ON PLANS. COORDINATE ABSOLUTE ELEVATION OF TOP OF SLAB WITH SITE DRAWINGS.
- 5. PROVIDE CORNER BARS AT ALL FOOTING AND CONCRETE WALL INTERSECTIONS PER DETAIL 5/S201 6. SEE SECTION 4/S201 FOR TYPICAL INDOOR AND OUTDOOR MECHANICAL EQUIPMENT PADS.
- EXISTING BUILDING STRUCTURE SHOWN IS BASED ON LIMITED FIELD INVESTIGATION. EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. ARE TO BE VERIFIED PRIOR TO CONSTRUCTION OR FABRICATION OF ANY MATERIAL BY CONTRACTOR PERFORMING WORK IN EXISTING AREAS. REPORT ANY DISCREPANCIES TO ARCHITECT IMMEDIATELY. DO NOT REMOVE EXISTING LOAD-BEARING WALLS, COLUMNS, OR ANY SUCH STRUCTURE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT. WHERE NEW STRUCTURE IS TO BE INSTALLED, PROVIDE SHORING AND BRACING AS REQUIRED TO PROPERLY SUPPORT THE REMAINING STRUCTURE UNTIL THE NEW STRUCTURE IS IN PLACE AND PROPERLY BRACED.
- 8. SEE SHEET S001 FOR GENERAL STRUCTURAL INFORMATION.





RENOVATION OF HEARTLAND 6500 FRANTZ ROAD, DUBLIN OH - 43017 **HEARTLAND BANK** 



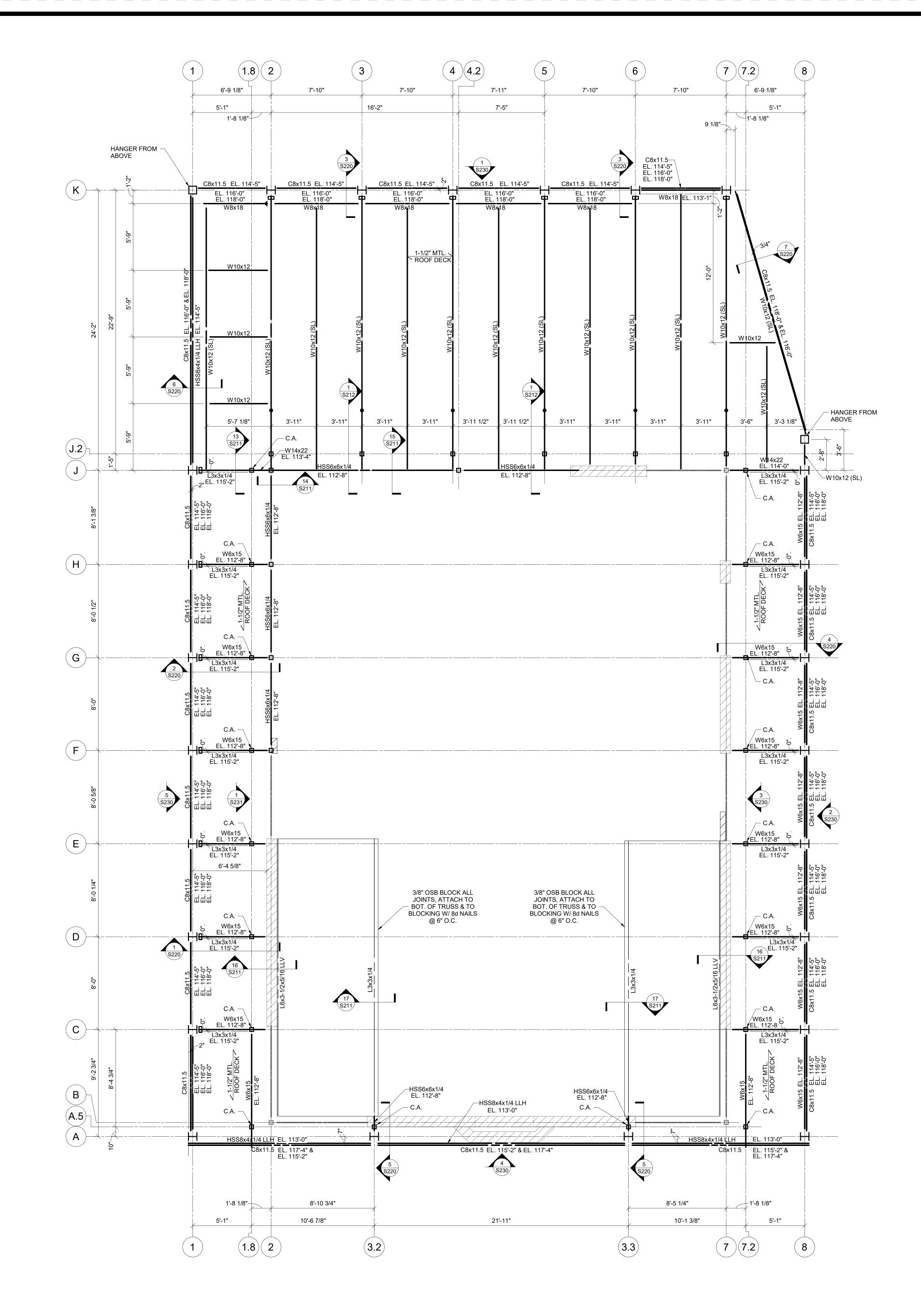
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

**1ST FLOOR FRAMING PLAN** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 **S101** 



ROOF FRAMING PLAN

ROOF FRAMING NO

 1.
 DESIGN LIVE LOADS:

 FLAT ROOF LIVE
 20 PSF

 SLOPED ROOF LIVE
 16 PSF

 FLAT ROOF SNOW
 20 PSF + DF

 SLOPED ROOF SNOW
 15 PSF

 WIND (ASD NET UPLIFT)
 15 PSF

COLLATERAL

2. ROOF CONSTRUCTION:

1-1/2" x 16 GA WIDE RIB METAL DECK. SEE SECTION 3/S210 FOR TYPICAL ATTACHMENT TO SUPPORTING STRUCTURE.

3. TOP OF STEEL AS NOTED. REFERENCE ELEVATION 100'-0" = TOP OF FIRST FLOOR SLAB ON GRADE.

INDICATES MOMENT CONNECTION PER SECTIONS 8 & 9/S210.

5. SEE S210 FOR TYPICAL STEEL FRAMING DETAILS.

6. SEE ARCHITECTURAL DRAWINGS FOR ANY DIMENSIONS NOT INDICATED HEREIN.

7. EXISTING BUILDING STRUCTURE SHOWN IS BASED ON ORIGINAL BUILDING DRAWINGS AND/OR LIMITED FIELD INVESTIGATION. EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. ARE TO BE VERIFIED PRIOR TO CONSTRUCTION OR FABRICATION OF ANY MATERIAL BY CONTRACTOR PERFORMING WORK IN EXISTING AREAS. REPORT ANY DISCREPANCIES TO ARCHITECT IMMEDIATELY. DO NOT REMOVE EXISTING LOAD-BEARING WALLS, COLUMNS, OR ANY SUCH STRUCTURE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECT. WHERE NEW STRUCTURE IS TO BE INSTALLED, PROVIDE SHORING AND BRACING AS REQUIRED TO PROPERLY SUPPORT THE REMAINING STRUCTURE UNTIL THE NEW STRUCTURE IS IN PLACE AND PROPERLY BRACED.

8. SEE SHEET S001 FOR GENERAL STRUCTURAL INFORMATION.

DATE CHANGE DESCRIPTION



RENOVATION OF HEARTLAND
BANK DUBLIN
6500 FRANTZ ROAD,
DUBLIN OH - 43017
FOR
HEARTLAND BANK



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

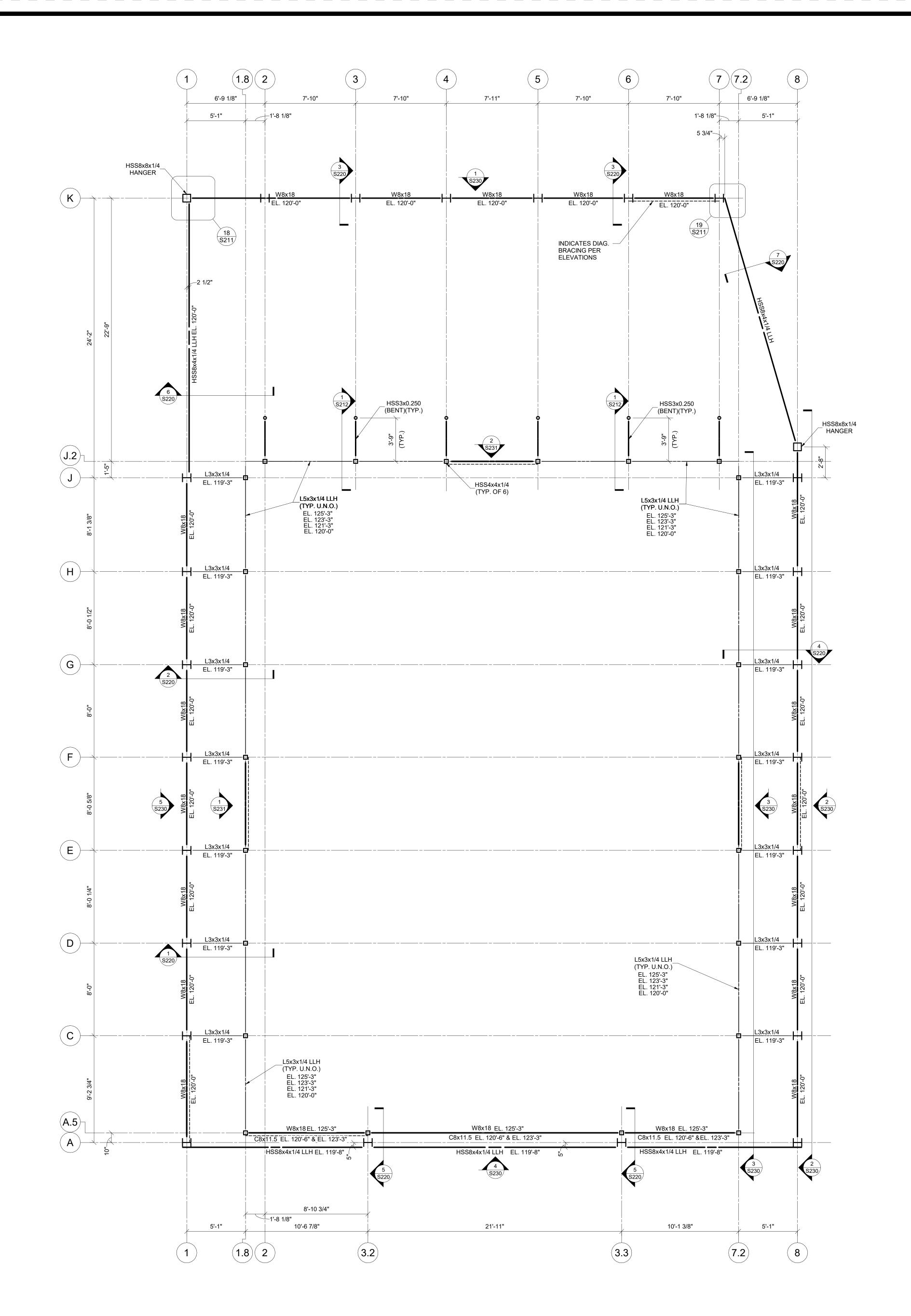
PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

**ROOF FRAMING PLAN** 

PROGRESS DRAWING NOT FOR CONSTRUCTION 11/30/2020

DRAWN BY: Author CHECKED BY: Checker

20022



SCREENWALL FRAMING PLAN

1/4" = 1'-0"

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD,
DUBLIN OH - 43017
FOR **HEARTLAND BANK** 

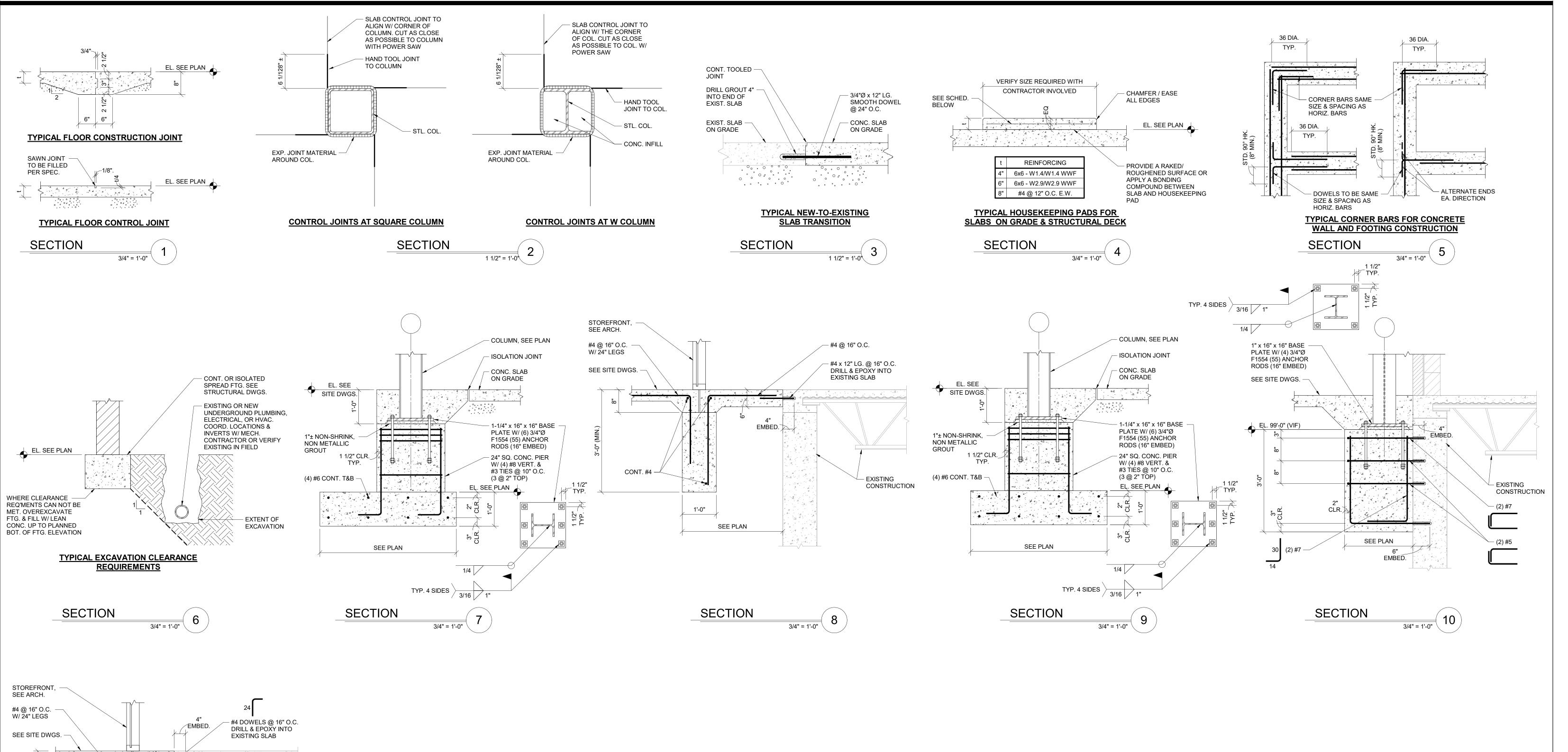


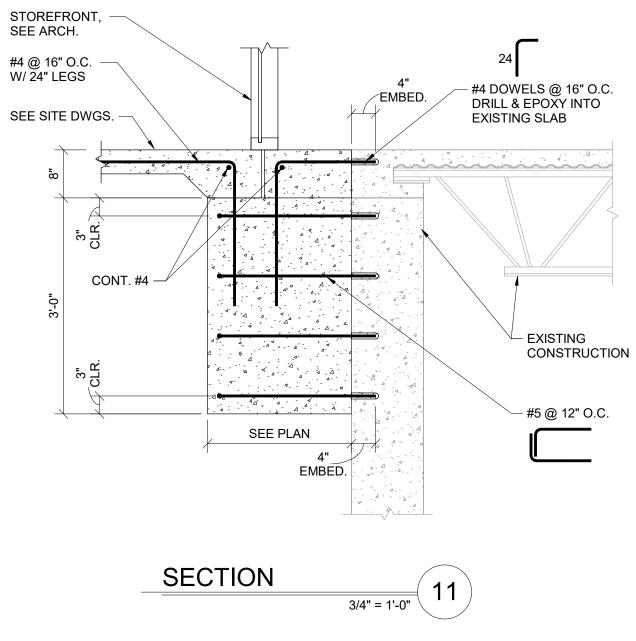
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

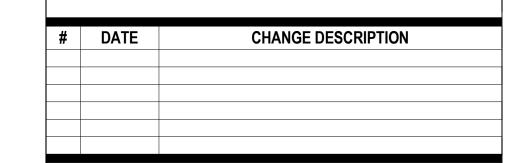
SCREENWALL FRAMING PLAN

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022









RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD, DUBLIN OH - 43017 **HEARTLAND BANK** 



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

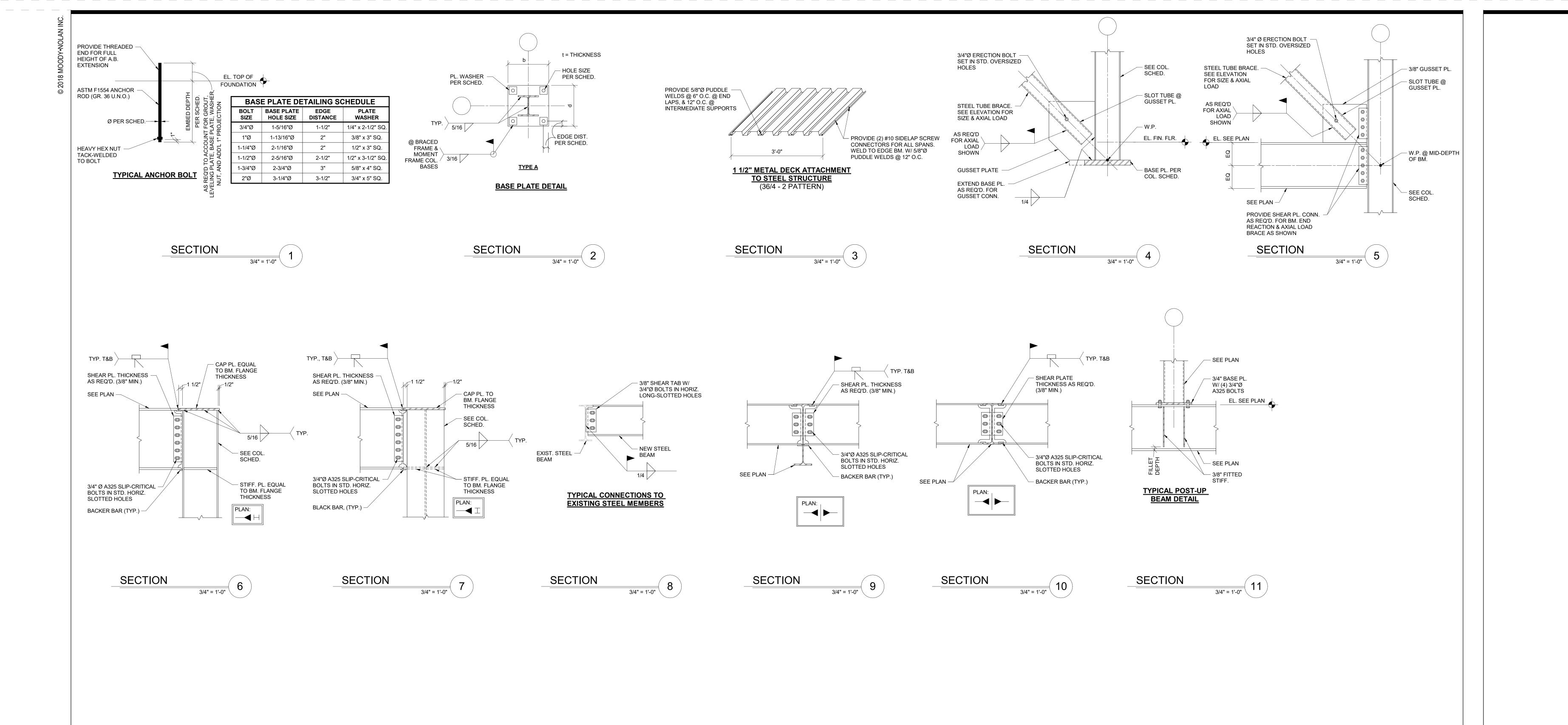
#### **FOUNDATION DETAILS**

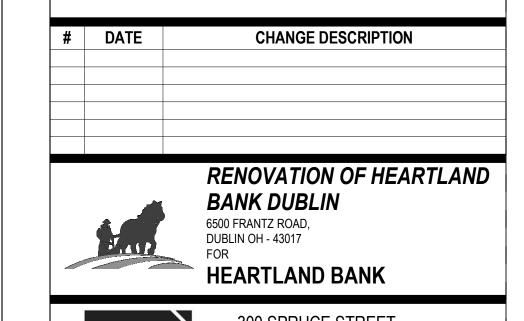
**PROGRESS** DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

FINAL DEVELOPMENT PLAN

**S201** 







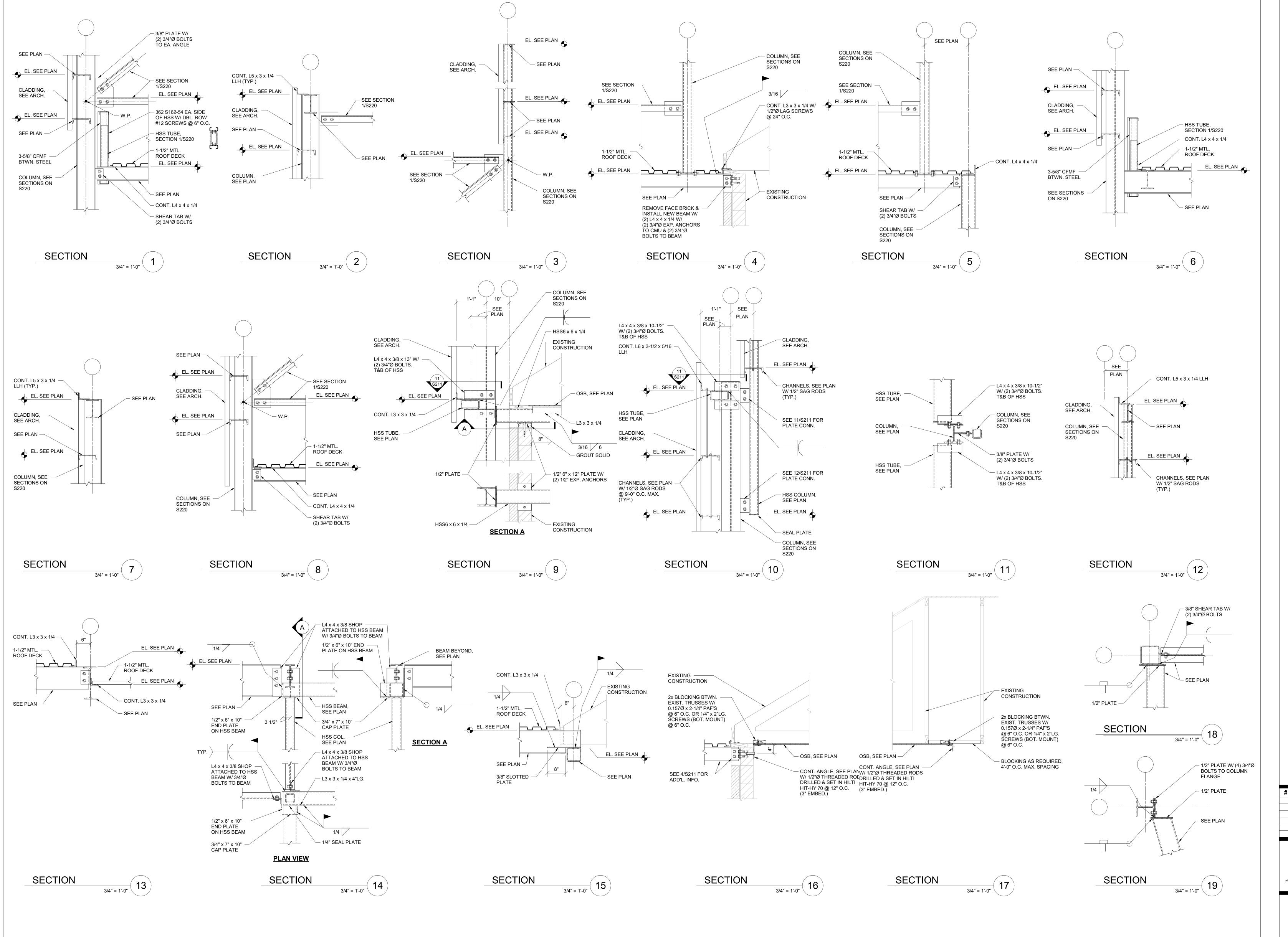
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

FRAMING DETAILS

**PROGRESS** DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

**S210** 



**CHANGE DESCRIPTION** # DATE RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD, DUBLIN OH - 43017



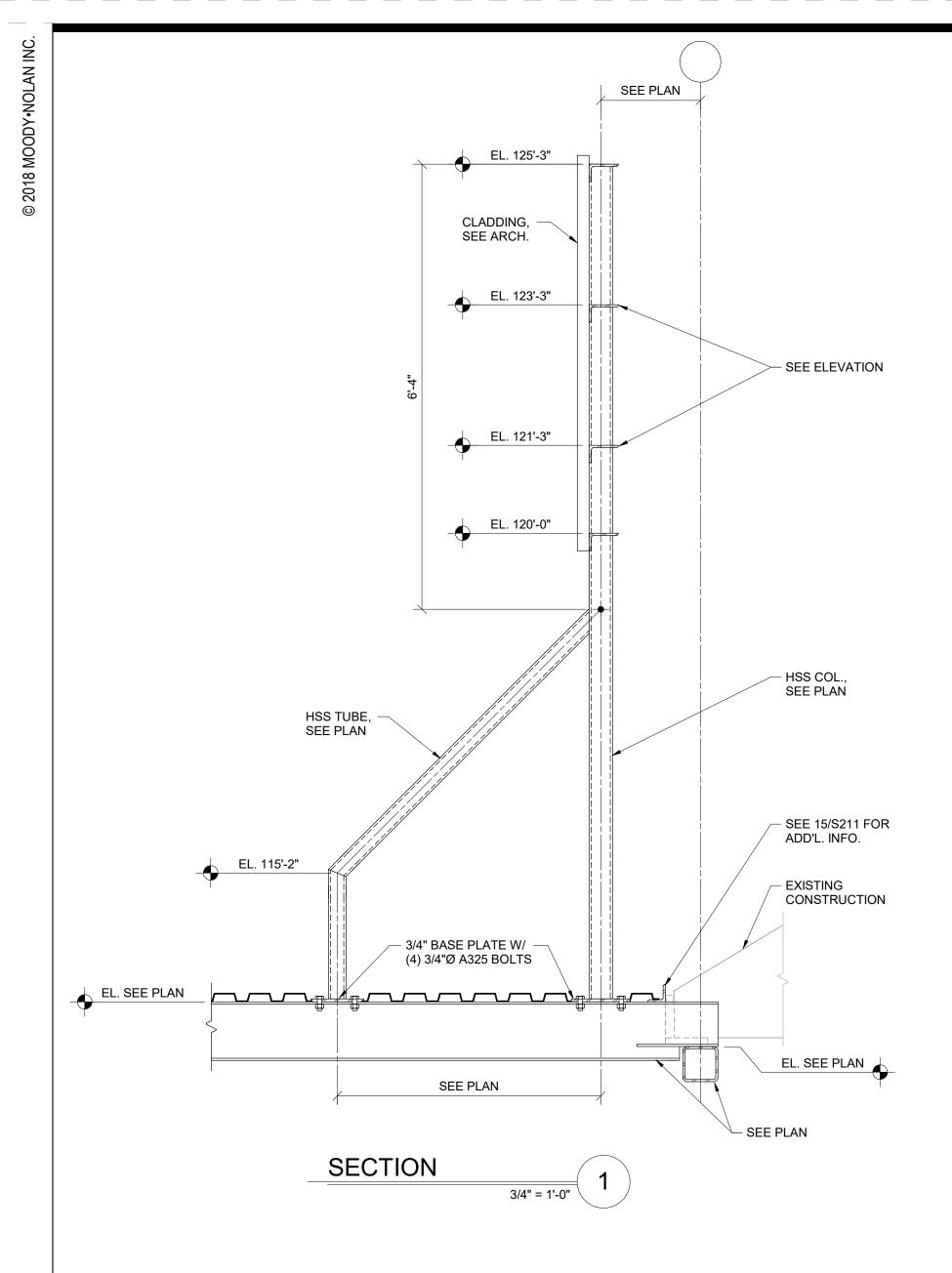
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

**HEARTLAND BANK** 

FRAMING DETAILS

**PROGRESS** DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 **S211** 



CHANGE DESCRIPTION RENOVATION OF HEARTLAND



BANK DUBLIN
6500 FRANTZ ROAD,
DUBLIN OH - 43017
FOR
HEARTLAND BANK

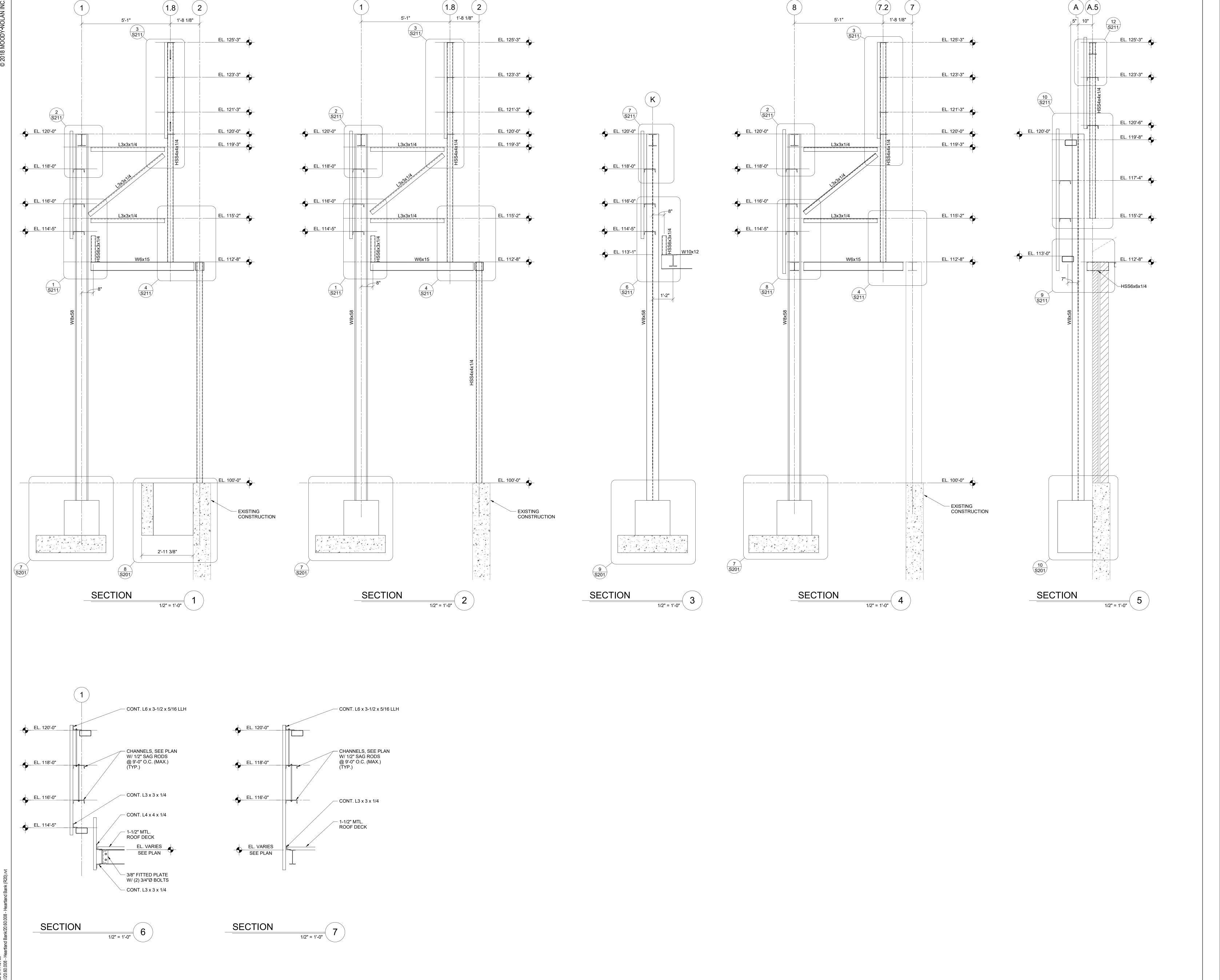


300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

FRAMING DETAILS

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022



**CHANGE DESCRIPTION** RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD, DUBLIN OH - 43017 **HEARTLAND BANK** 

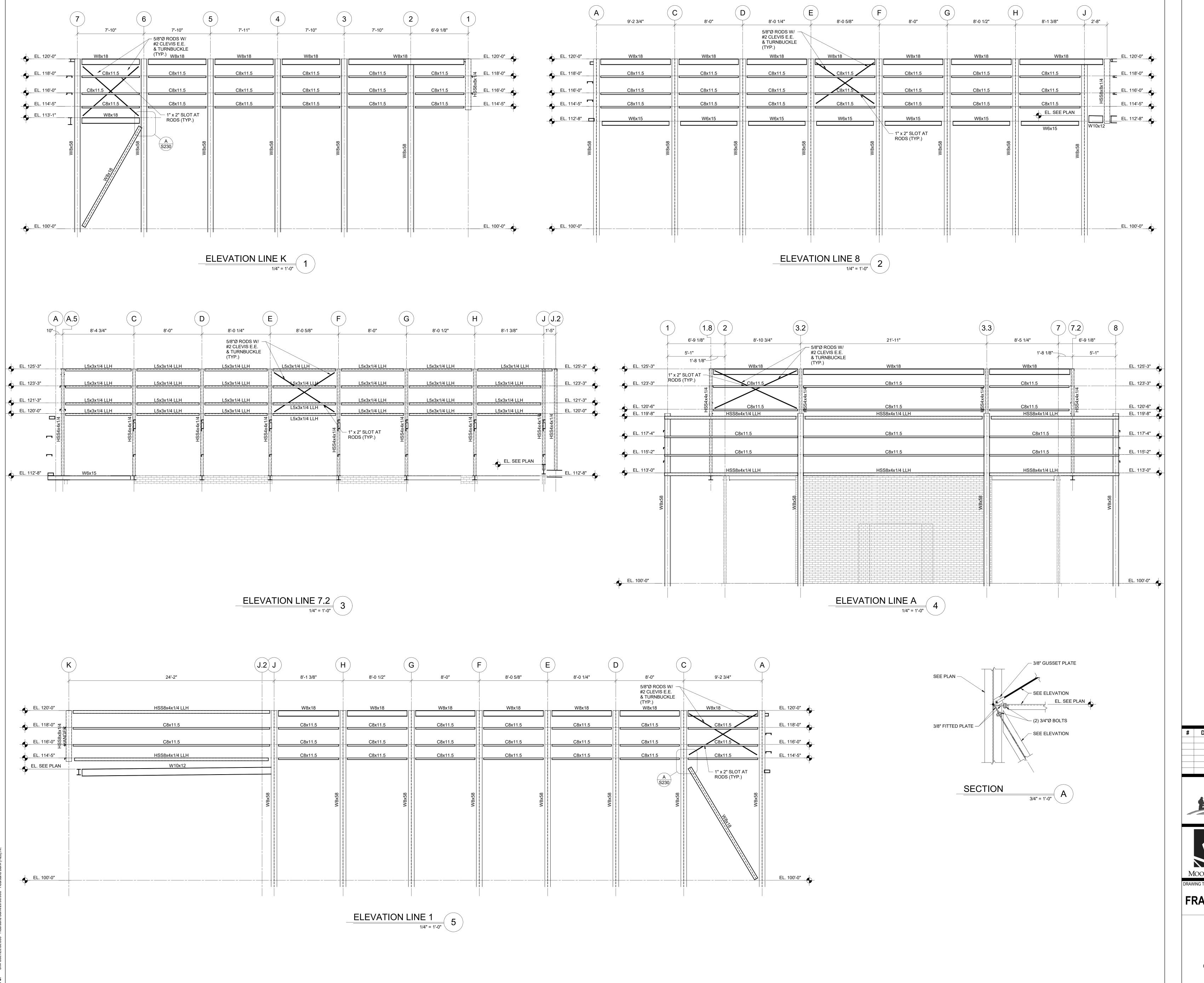


300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

FRAMING DETAILS

PROGRESS DRAWING NOT FOR CONSTRUCTION DRAWN BY: Author CHECKED BY: Checker 20022 **S220** 

11/30/2020



CHANGE DESCRIPTION # DATE RENOVATION OF HEARTLAND



**BANK DUBLIN** 6500 FRANTZ ROAD, DUBLIN OH - 43017 FOR **HEARTLAND BANK** 300 SPRUCE STREET

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

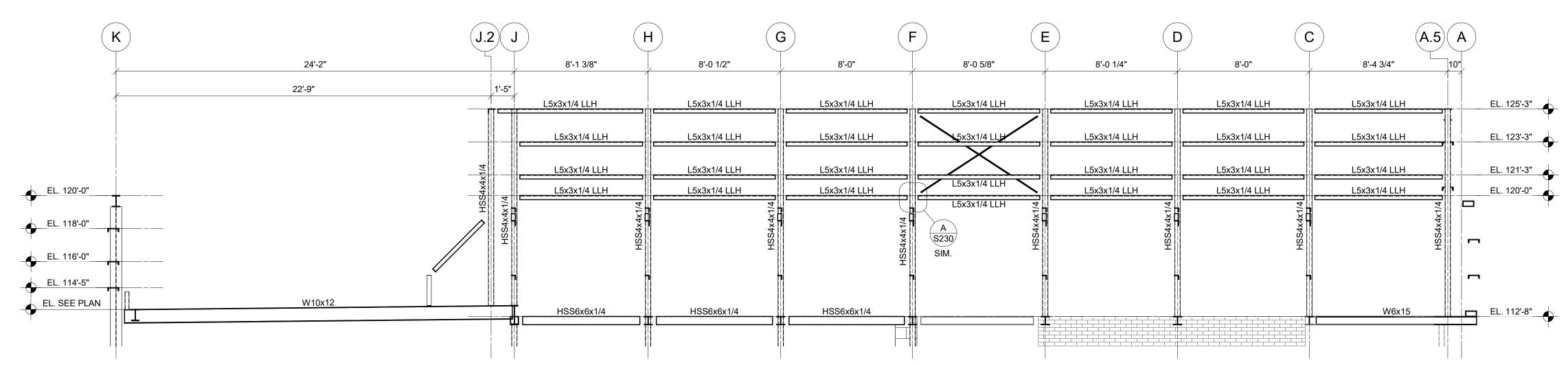
SUITE 300 COLUMBUS, OHIO 43215

FRAMING ELEVATIONS

**PROGRESS** DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

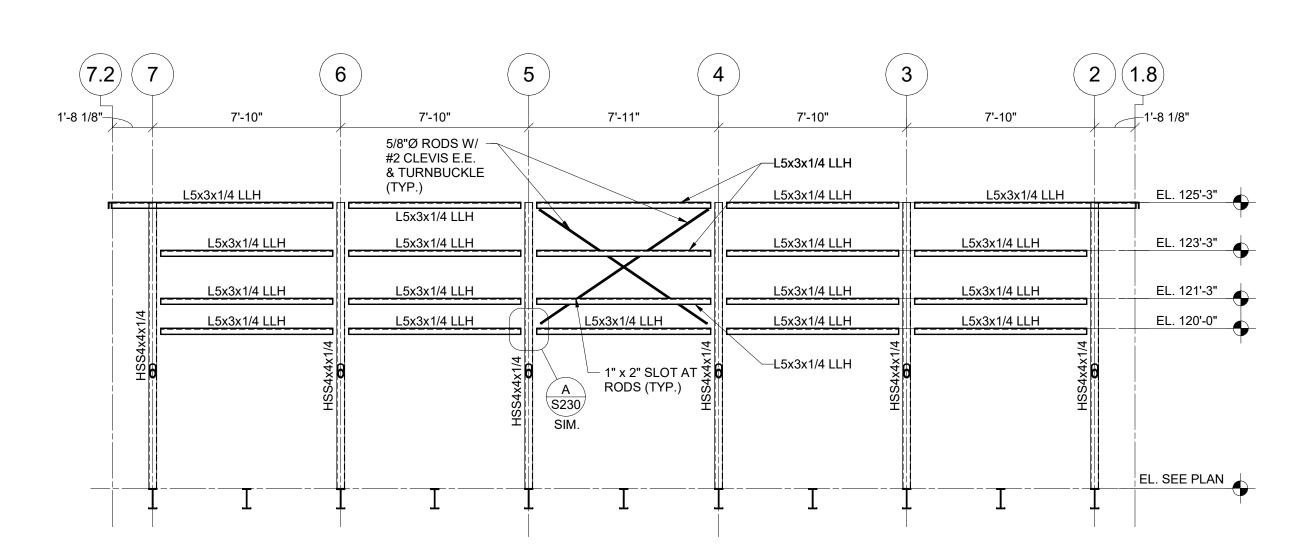
**S230** 



ELEVATION LINE 1.8

1/4" = 1'-0"

1



ELEVATION

CHANGE DESCRIPTION

RENOVATION OF HEARTLAND

**HEARTLAND BANK** 

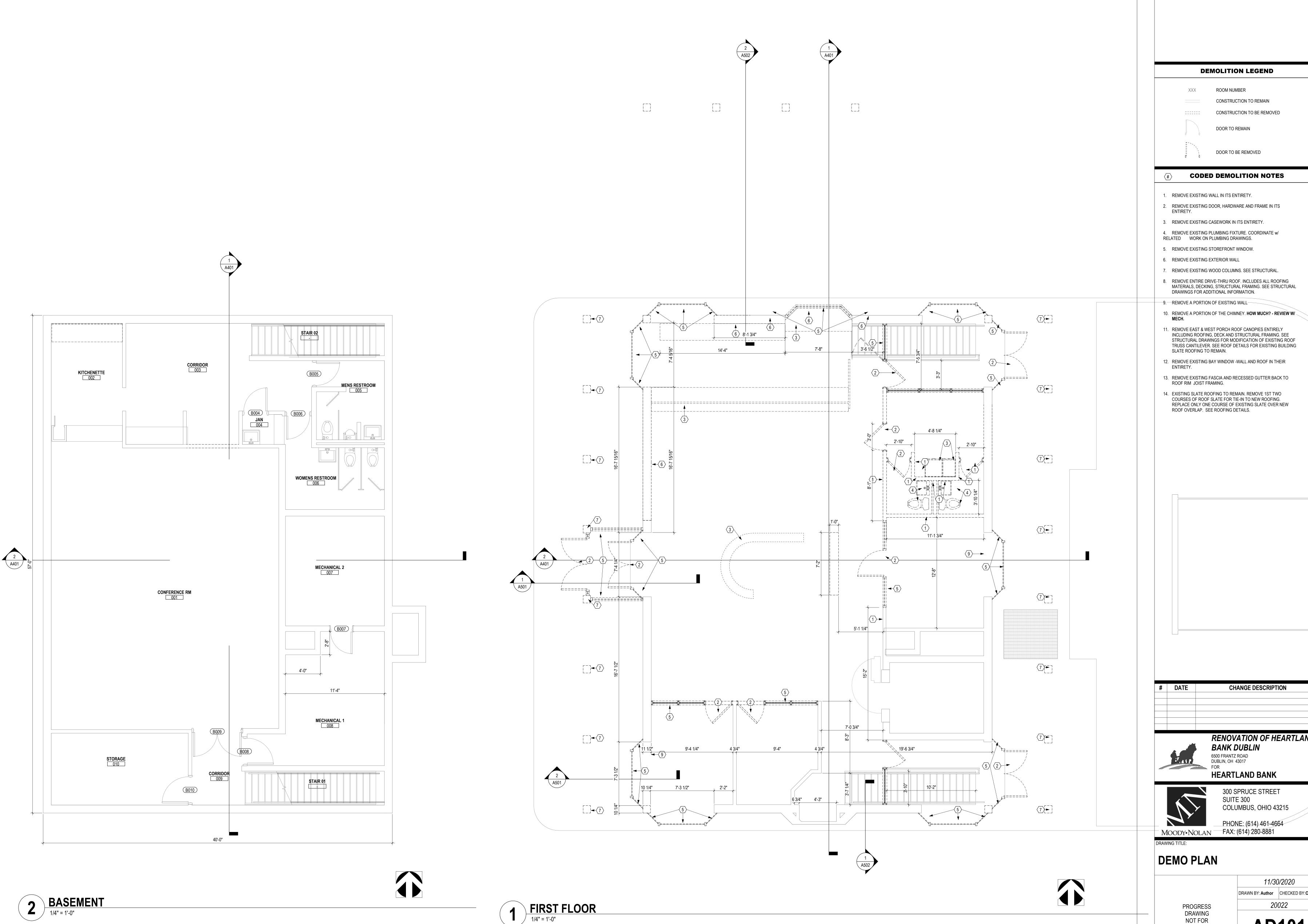
300 SPRUCE STREET PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

SUITE 300 COLUMBUS, OHIO 43215

FRAMING ELEVATIONS

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022



**GENERAL NOTES - DEMOLITION PLANS** 

DEMOLITION LEGEND

ROOM NUMBER

CONSTRUCTION TO REMAIN CONSTRUCTION TO BE REMOVED

DOOR TO REMAIN

DOOR TO BE REMOVED

CODED DEMOLITION NOTES

REMOVE EXISTING WALL IN ITS ENTIRETY.

2. REMOVE EXISTING DOOR, HARDWARE AND FRAME IN ITS

3. REMOVE EXISTING CASEWORK IN ITS ENTIRETY. 4. REMOVE EXISTING PLUMBING FIXTURE. COORDINATE w/

RELATED WORK ON PLUMBING DRAWINGS. REMOVE EXISTING STOREFRONT WINDOW.

REMOVE EXISTING EXTERIOR WALL

7. REMOVE EXISTING WOOD COLUMNS. SEE STRUCTURAL. 8. REMOVE ENTIRE DRIVE-THRU ROOF. INCLUDES ALL ROOFING

9.—REMOVE A PORTION OF EXISTING WALL—

DRAWINGS FOR ADDITIONAL INFORMATION.

10. REMOVE A PORTION OF THE CHIMNEY. HOW MUCH? - REVIEW W/

MATERIALS, DECKING, STRUCTURAL FRAMING. SEE STRUCTURAL

11. REMOVE EAST & WEST PORCH ROOF CANOPIES ENTIRELY INCLUDING ROOFING, DECK AND STRUCTURAL FRAMING. SEE STRUCTURAL DRAWINGS FOR MODIFICATION OF EXISTING ROOF TRUSS CANTILEVER. SEE ROOF DETAILS FOR EXISTING BUILDING SLATE ROOFING TO REMAIN.

12. REMOVE EXISTING BAY WINDOW -WALL AND ROOF IN THEIR ENTIRETY.

REMOVE EXISTING FASCIA AND RECESSED GUTTER BACK TO ROOF RIM JOIST FRAMING.

14. EXISTING SLATE ROOFING TO REMAIN. REMOVE 1ST TWO COURSES OF ROOF SLATE FOR TIE-IN TO NEW ROOFING. REPLACE ONLY ONE COURSE OF EXISTING SLATE OVER NEW ROOF OVERLAP. SEE ROOFING DETAILS.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 

300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

**DEMO PLAN** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 **AD101** 



**GENERAL NOTES - DEMOLITION PLANS** 

**DEMOLITION LEGEND** 

ROOM NUMBER CONSTRUCTION TO REMAIN

CONSTRUCTION TO BE REMOVED DOOR TO REMAIN

DOOR TO BE REMOVED

**CODED DEMOLITION NOTES** 

- 3. REMOVE EXISTING CASEWORK IN ITS ENTIRETY.
- 4. REMOVE EXISTING PLUMBING FIXTURE. COORDINATE w/ RELATED WORK ON PLUMBING DRAWINGS.
- REMOVE EXISTING STOREFRONT WINDOW.
- 6. REMOVE EXISTING EXTERIOR WALL
- 7. REMOVE EXISTING WOOD COLUMNS. SEE STRUCTURAL.
- B. REMOVE ENTIRE DRIVE-THRU ROOF. INCLUDES ALL ROOFING MATERIALS, DECKING, STRUCTURAL FRAMING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 9. REMOVE A PORTION OF EXISTING WALL
- 10. REMOVE A PORTION OF THE CHIMNEY. HOW MUCH? REVIEW W/
- 1. REMOVE EAST & WEST PORCH ROOF CANOPIES ENTIRELY INCLUDING ROOFING, DECK AND STRUCTURAL FRAMING. SEE STRUCTURAL DRAWINGS FOR MODIFICATION OF EXISTING ROOF TRUSS CANTILEVER. SEE ROOF DETAILS FOR EXISTING BUILDING SLATE ROOFING TO REMAIN.
- 12. REMOVE EXISTING BAY WINDOW -WALL AND ROOF IN THEIR
- 13. REMOVE EXISTING FASCIA AND RECESSED GUTTER BACK TO ROOF RIM JOIST FRAMING.
- 14. EXISTING SLATE ROOFING TO REMAIN. REMOVE 1ST TWO COURSES OF ROOF SLATE FOR TIE-IN TO NEW ROOFING. REPLACE ONLY ONE COURSE OF EXISTING SLATE OVER NEW ROOF OVERLAP. SEE ROOFING DETAILS.

**CHANGE DESCRIPTION** 



RENOVATION OF HEARTLAND **HEARTLAND BANK** 



SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 FAX: (614) 280-8881

**DEMO ELEVATIONS** 

PROGRESS DRAWING NOT FOR

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

**AD102** FINAL DEVELOPMENT PLAN **GENERAL NOTES - DEMOLITION PLANS** 

#### **DEMOLITION LEGEND**

ROOM NUMBER CONSTRUCTION TO REMAIN



DOOR TO BE REMOVED

#### CODED DEMOLITION NOTES

- REMOVE EXISTING WALL IN ITS ENTIRETY.
- 2. REMOVE EXISTING DOOR, HARDWARE AND FRAME IN ITS
- 3. REMOVE EXISTING CASEWORK IN ITS ENTIRETY.
- 4. REMOVE EXISTING PLUMBING FIXTURE. COORDINATE w/ RELATED WORK ON PLUMBING DRAWINGS.
- 5. REMOVE EXISTING STOREFRONT WINDOW.
- 6. REMOVE EXISTING EXTERIOR WALL
- 7. REMOVE EXISTING WOOD COLUMNS. SEE STRUCTURAL.
- 8. REMOVE ENTIRE DRIVE-THRU ROOF. INCLUDES ALL ROOFING MATERIALS, DECKING, STRUCTURAL FRAMING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 9. REMOVE A PORTION OF EXISTING WALL 10. REMOVE A PORTION OF THE CHIMNEY. **HOW MUCH? - REVIEW W**/
- 11. REMOVE EAST & WEST PORCH ROOF CANOPIES ENTIRELY INCLUDING ROOFING, DECK AND STRUCTURAL FRAMING. SEE
- STRUCTURAL DRAWINGS FOR MODIFICATION OF EXISTING ROOF TRUSS CANTILEVER. SEE ROOF DETAILS FOR EXISTING BUILDING SLATE ROOFING TO REMAIN.
- 12. REMOVE EXISTING BAY WINDOW -WALL AND ROOF IN THEIR
- 13. REMOVE EXISTING FASCIA AND RECESSED GUTTER BACK TO ROOF RIM JOIST FRAMING.
- 14. EXISTING SLATE ROOFING TO REMAIN. REMOVE 1ST TWO COURSES OF ROOF SLATE FOR TIE-IN TO NEW ROOFING. REPLACE ONLY ONE COURSE OF EXISTING SLATE OVER NEW ROOF OVERLAP. SEE ROOFING DETAILS.

**CHANGE DESCRIPTION** 



**HEARTLAND BANK** 



SUITE 300 COLUMBUS, OHIO 43215

## **ROOF DEMO PLAN**

NOT FOR

DRAWN BY: Author CHECKED BY: Checker 20022 **AD103** 

11/30/2020

FINAL DEVELOPMENT PLAN

PROGRESS DRAWING CONSTRUCTION

1 PLAN ROOF DEMO PLAN
1/4" = 1'-0"

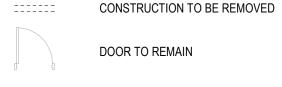


**GENERAL NOTES - DEMOLITION PLANS** 

**DEMOLITION LEGEND** 

ROOM NUMBER

CONSTRUCTION TO REMAIN



DOOR TO BE REMOVED

CODED DEMOLITION NOTES

1. REMOVE EXISTING WALL IN ITS ENTIRETY.

2. REMOVE EXISTING DOOR, HARDWARE AND FRAME IN ITS

REMOVE EXISTING CASEWORK IN ITS ENTIRETY. 4. REMOVE EXISTING PLUMBING FIXTURE. COORDINATE w/

RELATED WORK ON PLUMBING DRAWINGS.

REMOVE EXISTING STOREFRONT WINDOW. REMOVE EXISTING EXTERIOR WALL

7. REMOVE EXISTING WOOD COLUMNS. SEE STRUCTURAL.

8. REMOVE ENTIRE DRIVE-THRU ROOF. INCLUDES ALL ROOFING MATERIALS, DECKING, STRUCTURAL FRAMING. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

9. REMOVE A PORTION OF EXISTING WALL 10. REMOVE A PORTION OF THE CHIMNEY. HOW MUCH? - REVIEW W/

11. REMOVE EAST & WEST PORCH ROOF CANOPIES ENTIRELY INCLUDING ROOFING, DECK AND STRUCTURAL FRAMING. SEE

STRUCTURAL DRAWINGS FOR MODIFICATION OF EXISTING ROOF TRUSS CANTILEVER. SEE ROOF DETAILS FOR EXISTING BUILDING SLATE ROOFING TO REMAIN.

12. REMOVE EXISTING BAY WINDOW -WALL AND ROOF IN THEIR ENTIRETY.

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14. EXISTING SLATE ROOFING TO REMAIN. REMOVE 1ST TWO COURSES OF ROOF SLATE FOR TIE-IN TO NEW ROOFING. REPLACE ONLY ONE COURSE OF EXISTING SLATE OVER NEW ROOF OVERLAP. SEE ROOFING DETAILS.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



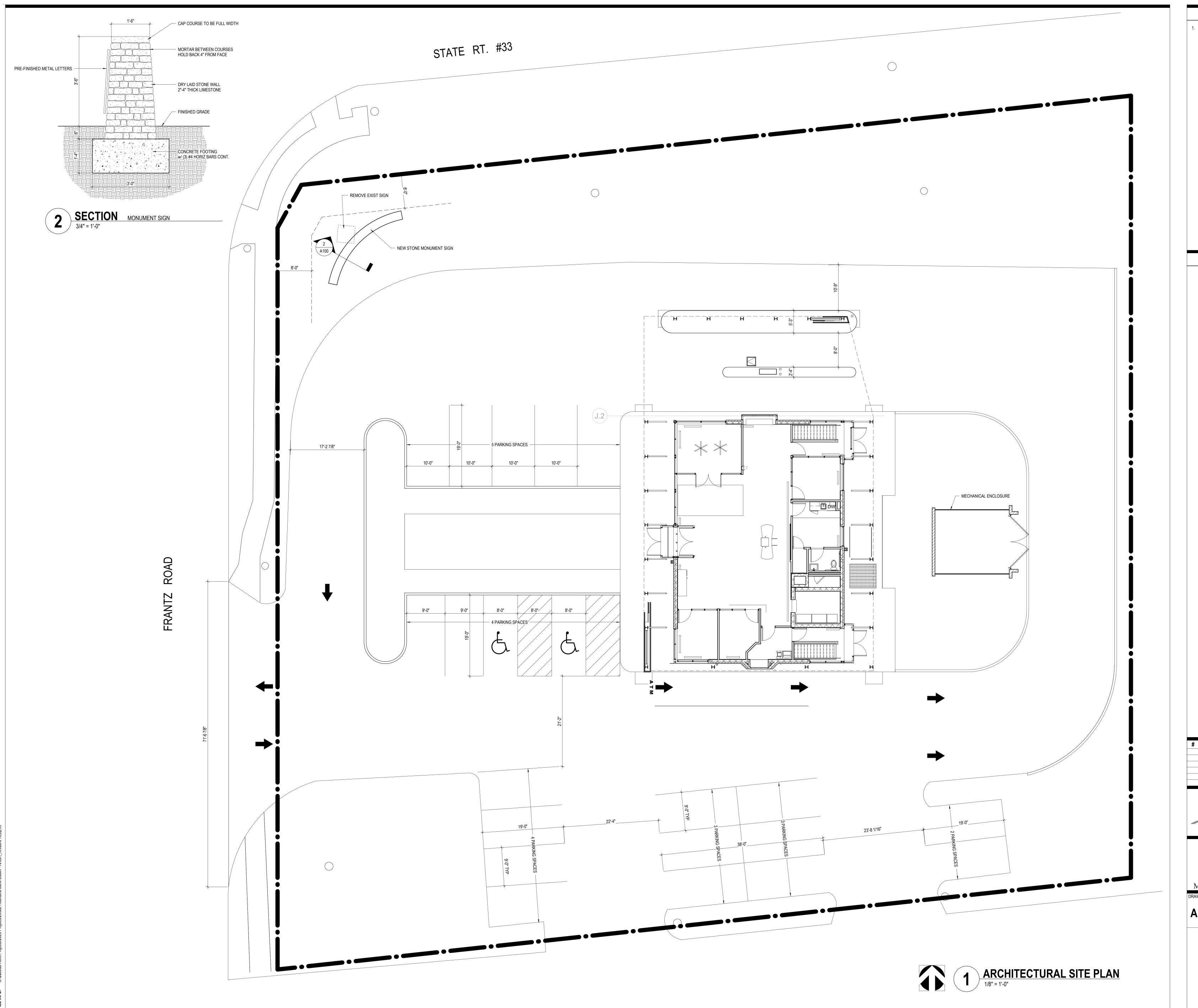
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

DEMO RCP

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

**AD201** 



**GENERAL NOTES - PARKING PLAN** 

THIS PROJECT INVOLVES THE RENOVATION OF AN EXISTING BUILDING AND SITE WITH 27 EXISTING PARKING SPACES. THE ORIGINAL PLAN WAS TO LEAVE THE SITE LAYOUT AND PARKING COUNT AS IS. DURING THE DESIGN PROCESS SOME MINOR REVISIONS WERE MADE TO THE SITE LAYOUT THAT RESULTED IN THE ELIMINATION OF 6 PARKING SPACES. OUR FINAL SITE PLAN NOW HAS 21 PARKING SPACES. SINCE WE HAVE MADE A CHANGE TO THE SITE, WE ARE NOW TECHNICALLY EXCEEDING THE ALLOWABLE NUMBER OF PARKING SPACES BY SIX. HEARTLAND BANK WANTS TO MAINTAIN THE SIX EXTRA EXISTING PARKING SPACES AS THEY WILL BE NEEDED SOMETIMES, AND THEY DON'T WANT TO RELY ON THE ADJACENT SHOPPING CENTER PARKING FOR

BASEMENT - 2,106 SF FIRST FLOOR - 2,280 SF

TOTAL BUILDING - 4,386 SF TOTAL PARKING - 21 SPACES REQUIRED PARKING (4386/1000x2.5) = 11 SPACES

**KEYNOTE LEGEND** 

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND
BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 



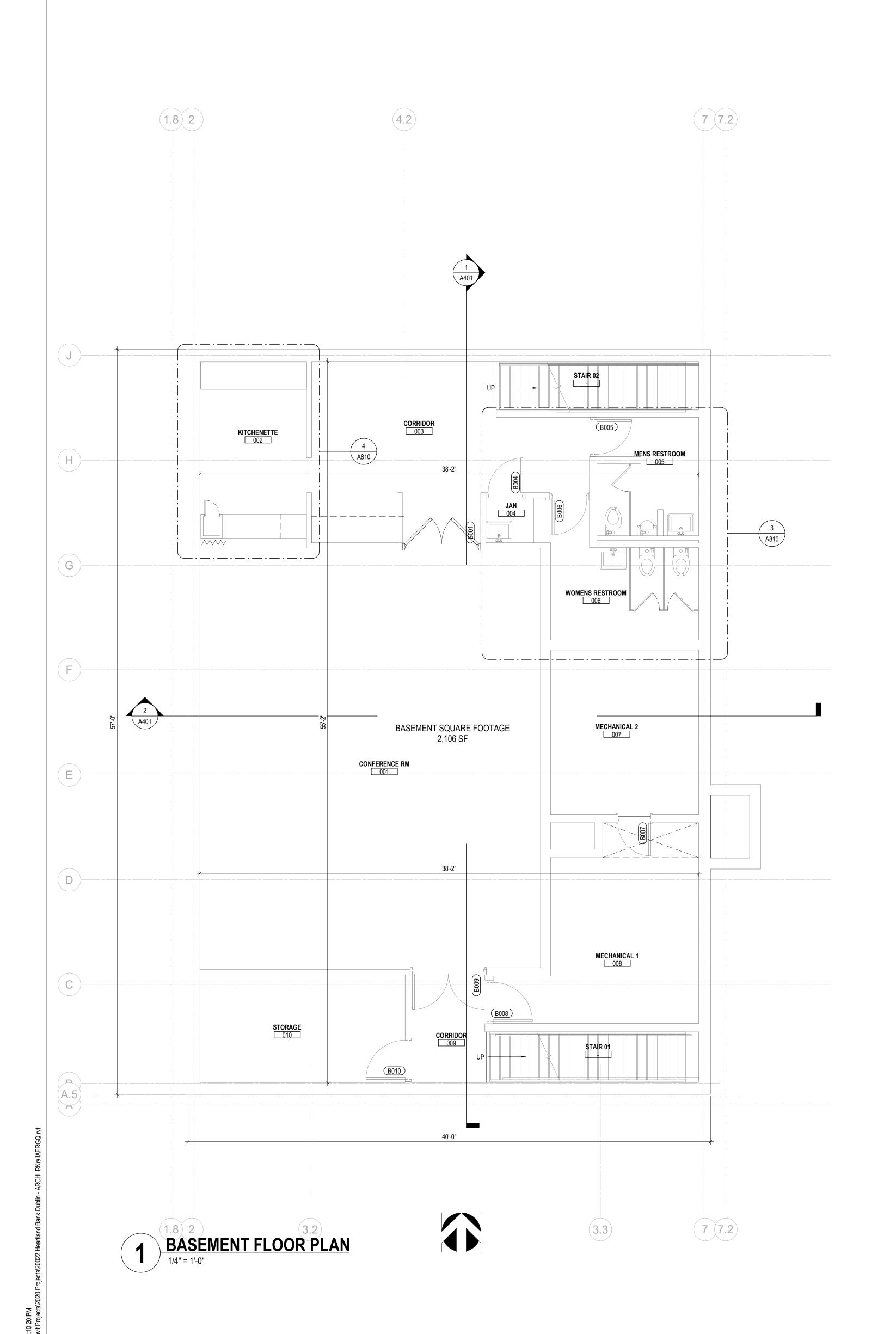
SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

ARCHITECTURAL SITE PLAN

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 A100



FLOOR PLAN GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF WALL (UNLESS NOTED OTHERWISE).

2. SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF ALL STEEL REINFORCING IN WALL & FLOOR CONSTRUCTION.

3. SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION OF LOCATIONS AND TYPES OF FINISH MATERIALS. 4. SEE ELEVATIONS AND STRUCTURAL DRAWINGS FOR LOCATIONS OF EXPANSION & CONTROL JOINTS. CONTRACTOR SHALL PROVIDE ADDITIONAL INTERIOR CONTROL JOINTS AS REQUIRED TO COMPLY WITH MAXIMUM

SPACING REQUIREMENTS IN SPECIFICATIONS AND NATIONAL MASONRY INSTITUTE. SEE DETAILS ON <u>AXXX</u>. MECHANICAL & ELECTRICAL EQUIPMENT SHALL BE ON HOUSEKEEPING PADS. PADS ARE TO BE PROVIDED BY THE TRADE SUPPLYING THE EQUIPMENT. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. WORK TO BE COORDINATED THROUGH THE GENERAL TRADES CONTRACTOR. PADS 4" MIN. 4" THICK W/ W.W.F., UNLESS NOTED OTHERWISE).

#### **CODED NOTE LEGEND**

#### RATED WALL LEGEND

NON-RATED SMOKE RESISTIVE PARTITION TO DECK

1 HOUR SMOKE RESISTIVE PARTITION TO DECK

2 HOUR SMOKE RESISTIVE PARTITION TO DECK

3 HOUR SMOKE RESISTIVE PARTITION TO DECK

4 HOUR SMOKE RESISTIVE PARTITION TO DECK 1 HOUR FIRE RATED PARTITION TO DECK

2 HOUR FIRE RATED PARTITION TO DECK 3 HOUR FIRE RATED PARTITION TO DECK

4 HOUR FIRE RATED PARTITION TO DECK

## **KEYNOTE LEGEND**

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND **HEARTLAND BANK** 



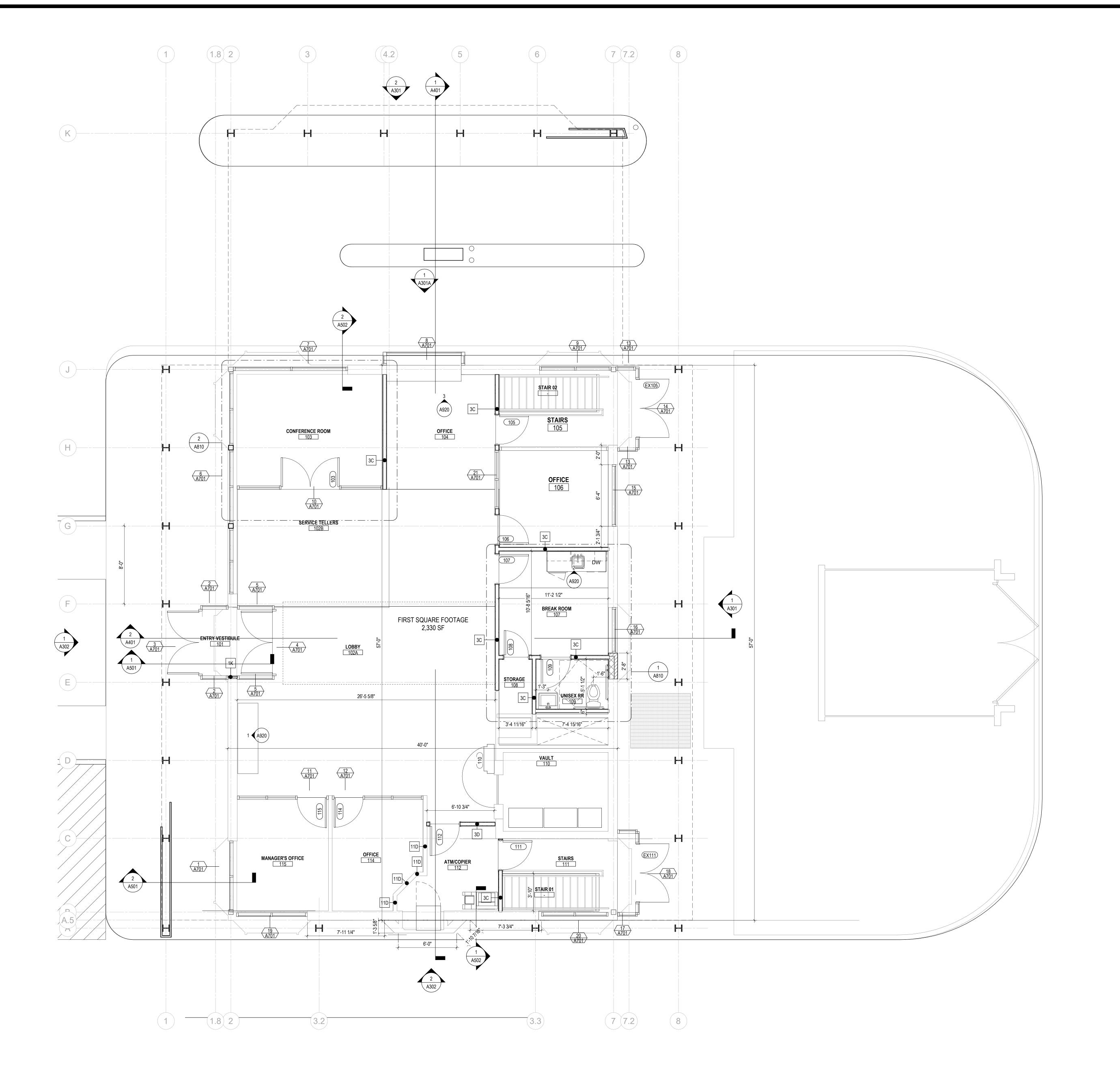
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PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

## **BASEMENT FLOOR PLAN**

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022



CHANGE DESCRIPTION RENOVATION OF HEARTLAND



**HEARTLAND BANK** 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
MOODY•NOLAN FAX: (614) 280-8881

DRAWING TITLE:

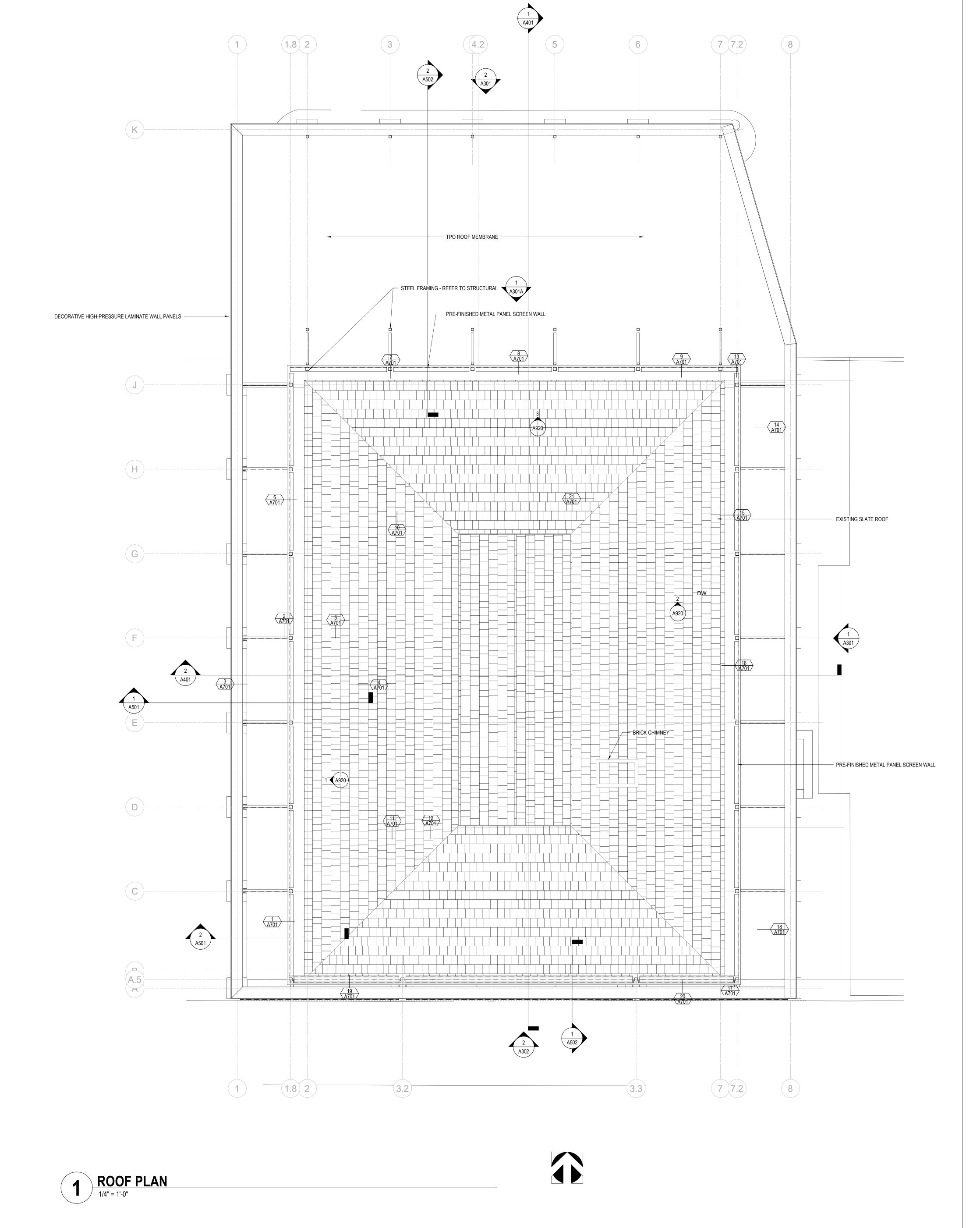
FIRST FLOOR PLAN

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

A102 FINAL DEVELOPMENT PLAN

1 FIRST FLOOR PLAN
1/4" = 1'-0"



ROOF PLAN GENERAL NOTES

1. X

KEYNOTE LEGEND

# DATE CHANGE DESCRIPTION

CLIENT LOGO IF AVAILABLE 6500 FRANTZ ROAD DUBLIN, OH 43017

6500 FRANTZ ROAD DUBLIN, OH 43017 for **HEARTLAND BANK** 

300 S Suite Colum Phone Fax:

300 Spruce Steet
Suite 300
Columbus, Ohio 43215
Phone: (614) 461-4664
Fax: (614) 280-8881
PROGRESS
DRAWING
NOT FOR
CONSTRUCTION

Phone: (6)
Fax: (6)
MOODY•NOLAN

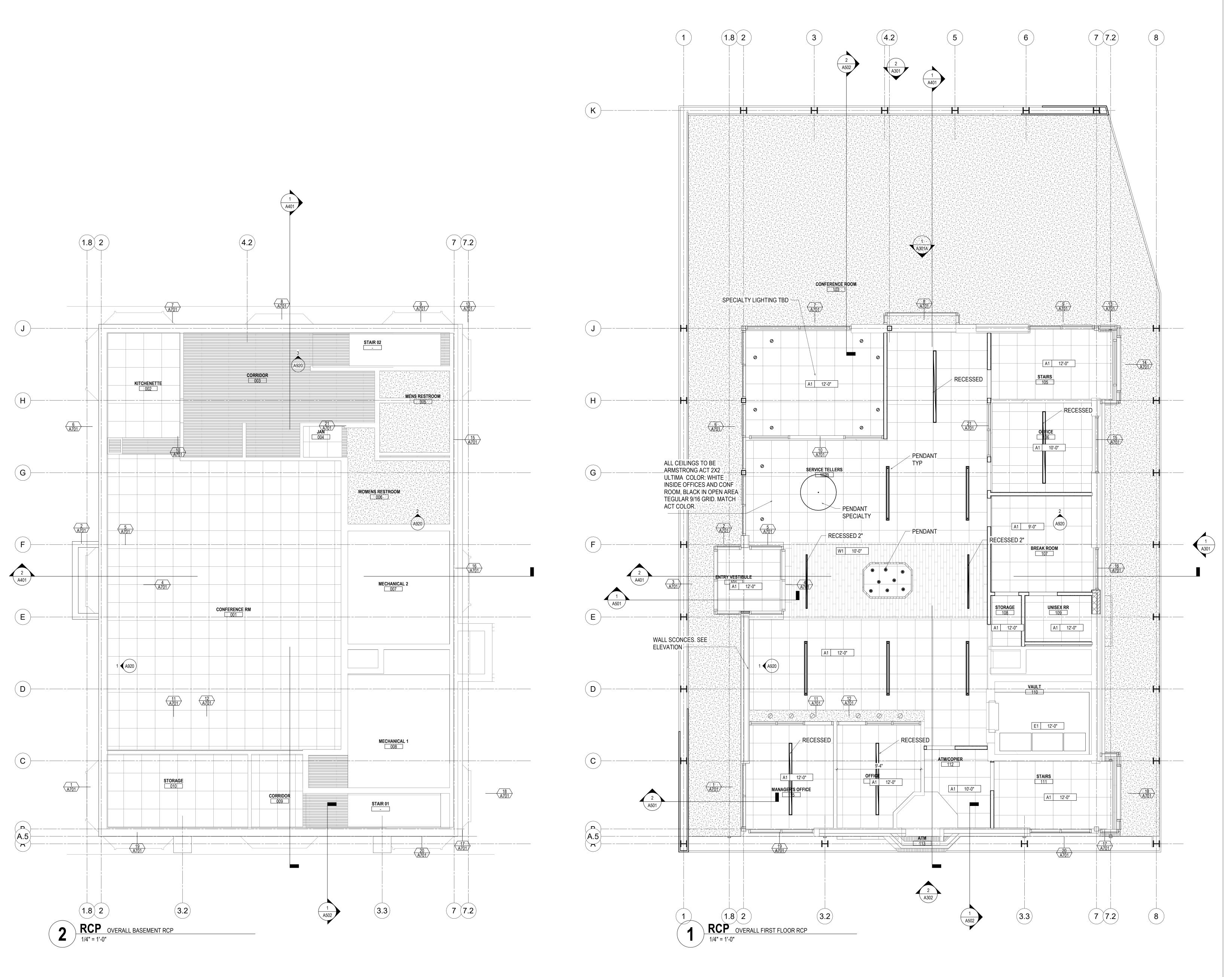
Dwg. Coord.: Author Tech. Coord.: Checker 20022

A103

ROOF PLAN

FINAL DEVELOPMENT PLAN

IENT PLAN 11/30/2020



#### RCP GENERAL NOTES

PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE AFOREMENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES, BRACKETS, ETC.

- LIGHT FIXTURES SHOWN TO INDICATE PROPOSED FIXTURES & GENERAL DESIGN INTENT.
- FINISHED CEILING HEIGHTS ARE MARKED FROM TOP OF FINISH FLOOR (UNLESS NOTED OTHERWISE).
- COORDINATE LOCATION OF FIXTURES WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE SUPPRESSION AND TECHNOLOGY DRAWINGS. ANY CONFLICT BETWEEN TRADES, NOTIFY ARCHITECT PRIOR TO INSTALLATION.
- FACE OF BULKHEADS ARE TO ALIGN WITH FACE OF ADJACENT WALLS TO WHICH BULKHEADS ARE PARALLEL , UNLESS NOTED OTHERWISE OR
  - ALL GYPSUM BOARD SOFFITS & CEILINGS TO BE PAINTED FLAT CEILING WHITE

ALL GYPSUM SOFFITS IN FOOD SERVICE AREAS TO BE PAINTED WITH A SATIN

- (UNLESS NOTED OTHERWISE).
- 8. PAINT DUCTWORK INSIDE AIR GRILLES FLAT BLACK. 9. CEILING GRIDS ARE CENTERED ON ROOM, U.N.O. OR DIMENSIONED.
- 10. WHERE EXIT SIGNS OCCUR OVER A DOOR OR PAIR OF DOORS, CENTER SIGN ON DOOR OPENING.
- 11. ALL CEILING DEVICES TO BE CENTERED IN TILE, U.N.O.

#### **CODED NOTE LEGEND**

- ALIGN FEATURES
- $\left| \left\langle 2 \right\rangle \right|$  OPEN TO ABOVE

#### **RCP LEGEND**

- A1 ACOUSTIC CEILING TYPE 1: 2'x2' LAY-IN CEILING
- A2 ACOUSTIC CEILING TYPE 2: 2'x4' LAY-IN CEILING
- E1 EXPOSED STRUCTURE ABOVE
- 2x2 FLUORESCENT LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)
- 2x4 FLUORESCENT LIGHT FIXTURE (SHADING DENOTES EMERGENCY FIXTURE)

G1 GYPSUM BOARD CEILING OR SOFFIT

- 1x4 FLUORESCENT LIGHT FIXTURE 1x8 FLUORESCENT LIGHT FIXTURE
- (SHADING DENOTES EMERGENCY FIXTURE) RECESSED CAN LIGHT
- SURFACE MOUNTED LIGHT
- LINEAR COVE LIGHT EXIT LIGHT WITH DIRECTIONAL ARROW
- SUPPLY DIFFUSER
- LINEAR DIFFUSER EXHAUST/RETURN GRILLE
- XX XX'-XX" CEILING TAG WITH HEIGHT

**NOTE:** COORDINATE ARCHITECTURAL REFLECTED CEILING PLANS WITH THE MECHANICAL AND ELECTRICAL DRAWINGS FOR NUMBER OF, AND LOCATIONS. OF, AND TYPES OF FIXTURES AND GRILLES. NOT ALL ITEMS SHOWN ON LEGEND MAY BE PRESENT IN PROJECT.

## **KEYNOTE LEGEND**

KEY VALUE KEYNOTE TEXT

## RCP CEILING SCHEDULE

CEILING TYPE SCHEDULE

CHANGE DESCRIPTION

DESCRIPTION

#<sub>A1</sub> DATE

W1 WOOD PLANK



RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD DUBLIN, OH 43017



**HEARTLAND BANK** 300 SPRUCE STREET

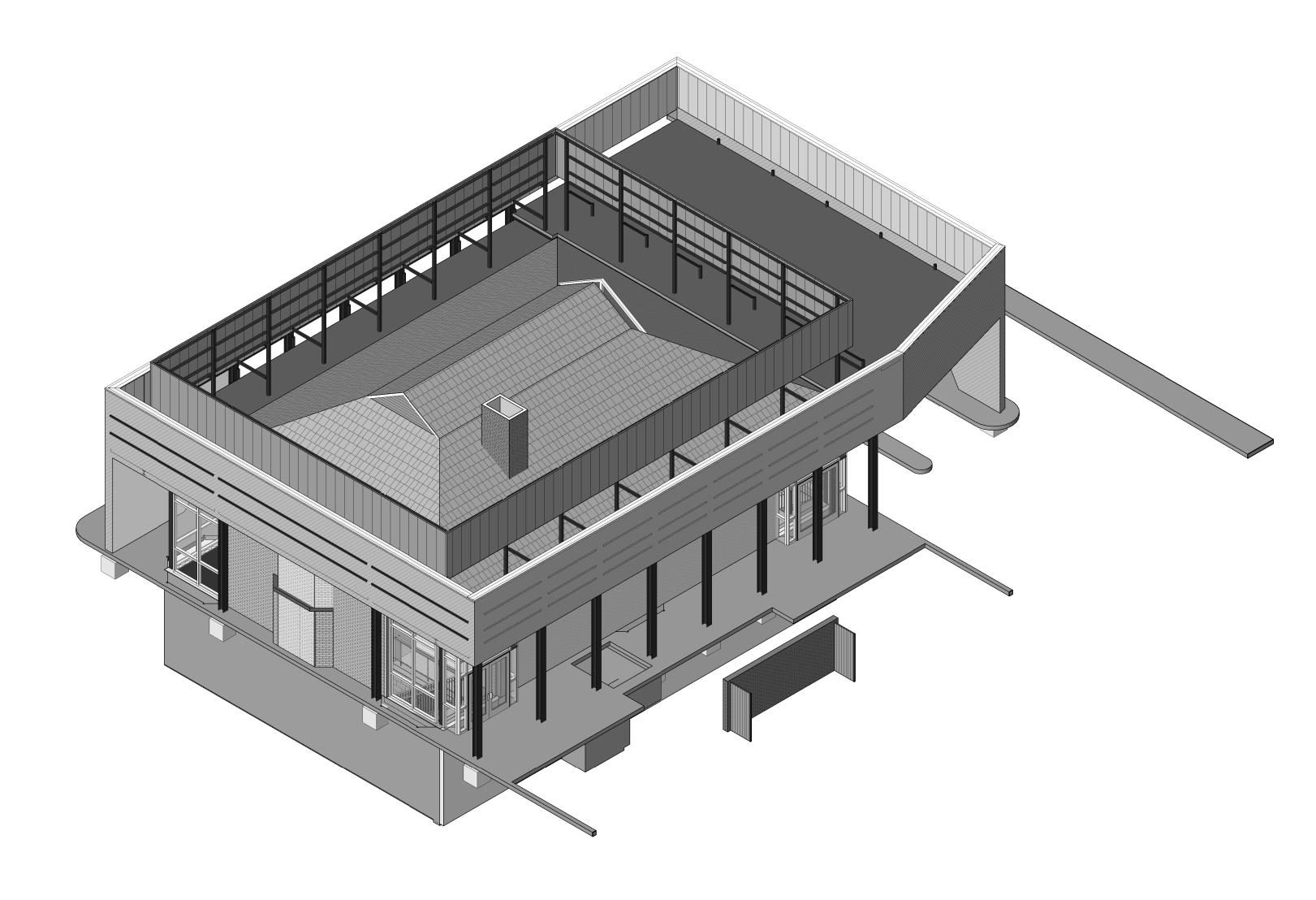
SUITE 300 COLUMBUS, OHIO 43215 PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

RCP - OVERALL

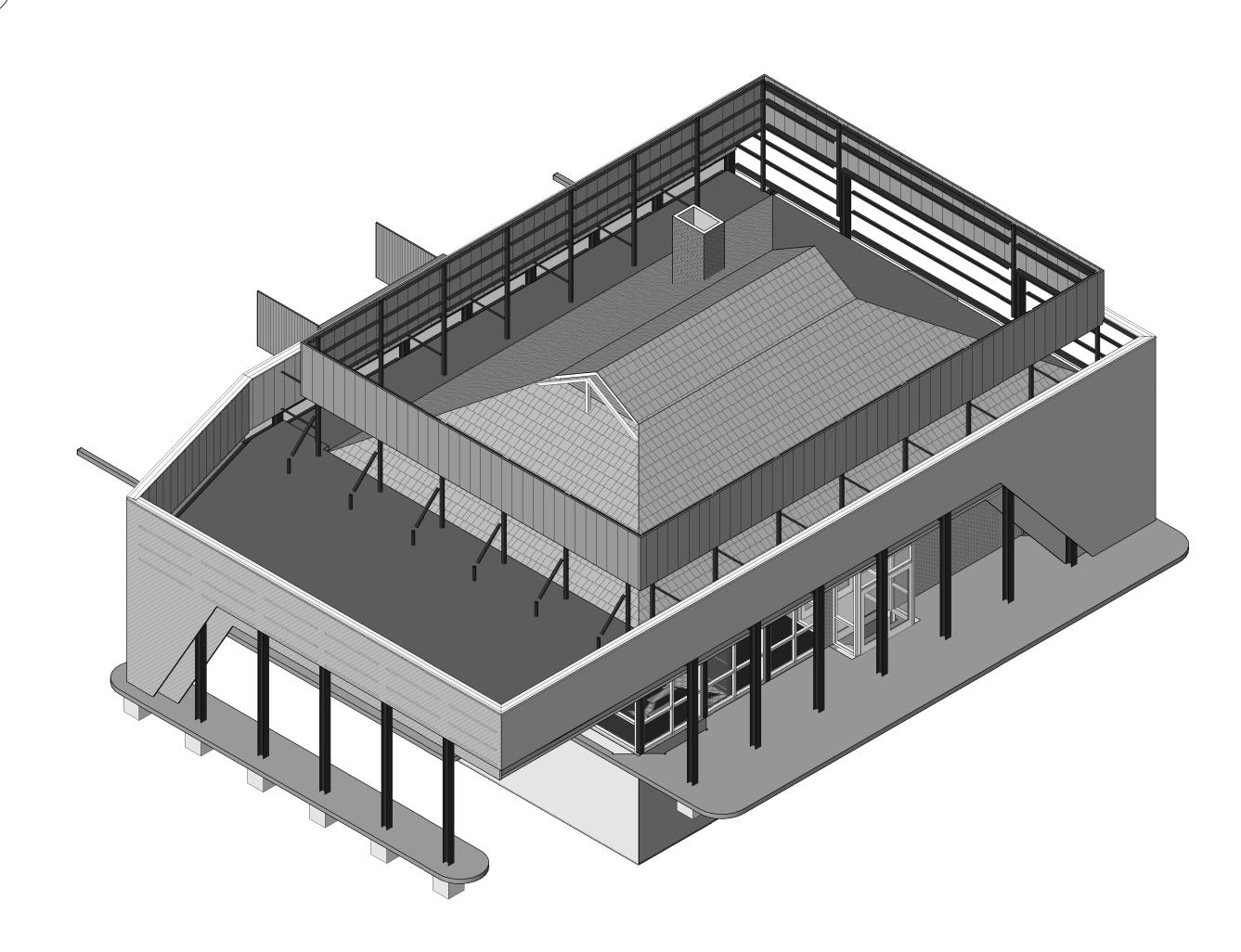
PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: XXX CHECKED BY: XXX 20022 **A201** 

11/30/2020



1 3D AXON - SE



2 3D AXON - NW

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND
BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 

PHONE: (614) 461-4664
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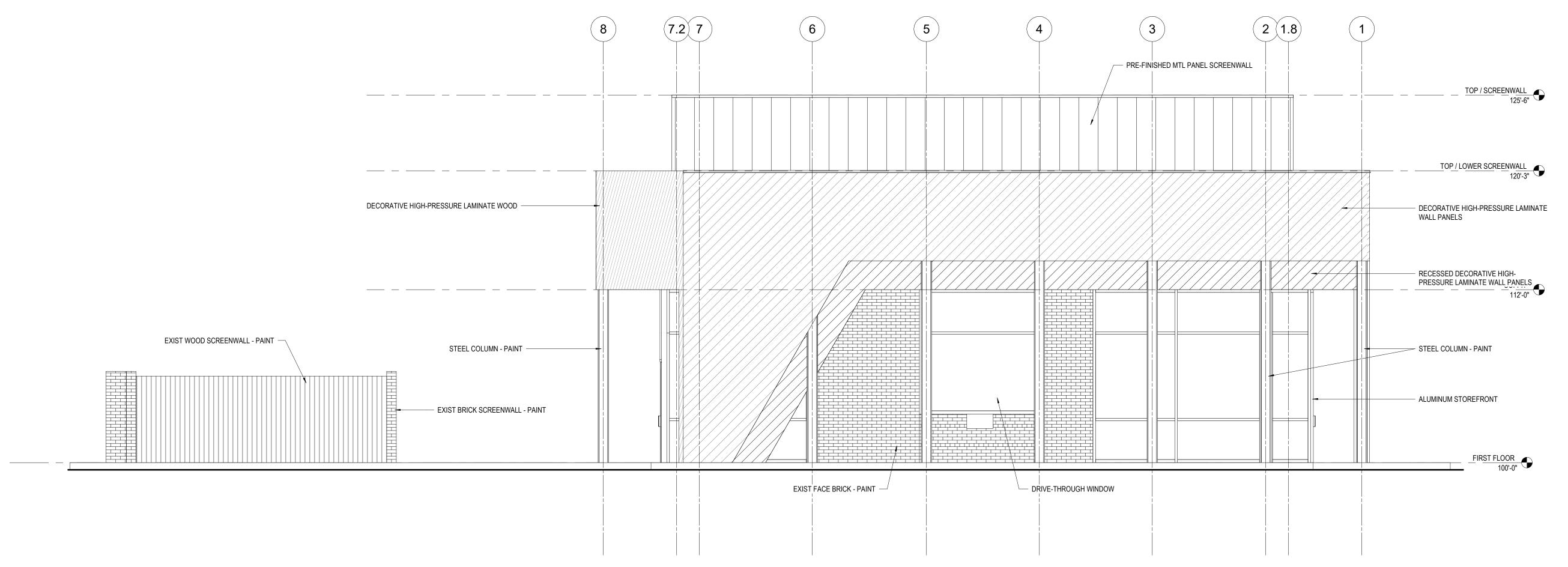
DRAWING TITLE:

300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

**AXONOMETRIC VIEWS** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 A300

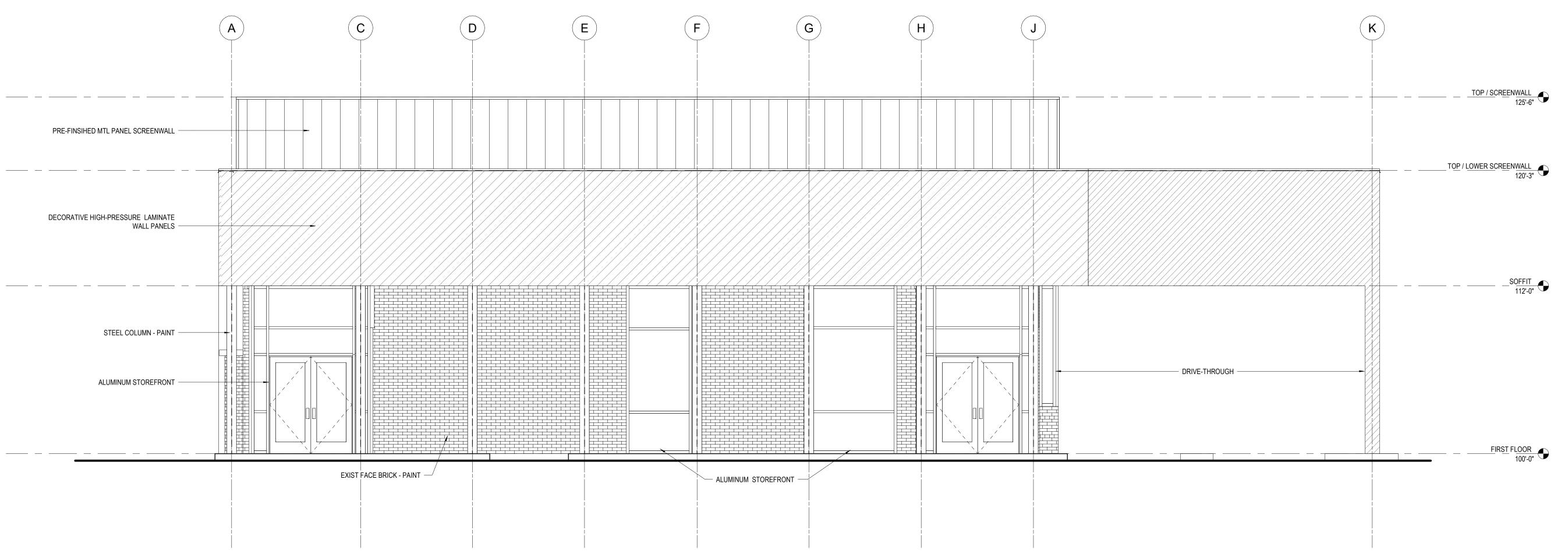


#### MATERIAL QUANTITIES - NORTH ELEVATION

TOTAL - 1,318 SF BRICK - 151 SF (11.5%) STOREFRONT - 385 SF (29.2%) DECORATIVE HIGH-PRESSURE LAMINATE PANELS - 554 SF (42.0%) METAL SCREENWALL PANELS - 228 SF (17.3%)

#### TRANSPARENCY PERCENTAGES AT BUILDING

NORTH ELEVATION - 385 SF GLAZING / 536 SF = 71.8%



**MATERIAL QUANTITIES - EAST ELEVATION** 

TOTAL - 1,692 SF BRICK - 370 SF (21.9%) STOREFRONT - 314 SF (18.5%)

DECORATIVE HIGH-PRESSURE LAMINATE PANELS - 705 SF (41.6%)

METAL SCREENWALL PANELS - 303 SF (18.0%)

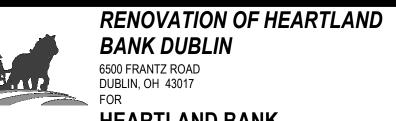
TRANSPARENCY PERCENTAGES AT BUILDING

EAST ELEVATION - 314 SF GLAZING / 684 SF = 45.9%

1 ELEVATION EAST
1/4" = 1'-0" REF: 1 / A102

KEY VALUE KEYNOTE TEXT

CHANGE DESCRIPTION



**HEARTLAND BANK** 300 SPRUCE STREET



SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
MOODY•NOLAN FAX: (614) 280-8881

DRAWING TITLE: **EXTERIOR ELEVATIONS -**OVERALL

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022 A301

- ALUMINUM STOREFRONT -

EXIST FACE BRICK - PAINT

- STEEL COLUMN - PAINT

- ALUMINUM STOREFRONT ENTRANCE

RECESSED DECORATIVE HIGH-PRESSURE

LAMINATE WALLPANELS

1 ELEVATION WEST
1/4" = 1'-0" REF: 1 / A102

STEEL COLUMN - PAINT -

**CHANGE DESCRIPTION** RENOVATION OF HEARTLAND



MATERIAL QUANTITIES - EAST ELEVATION

TOTAL - 1,861 SF

BRICK - 248 SF (13.3%)

STOREFRONT - 436 SF (23.4%)

DECORATIVE HIGH-PRESSURE LAMINATE PANELS - 874 SF (47.0%)

METAL SCREENWALL PANELS - 303 SF (16.3%)

TRANSPARENCY PERCENTAGES AT BUILDING

WEST ELEVATION - 436 SF GLAZING / 684 SF = 63.7%

**HEARTLAND BANK** 

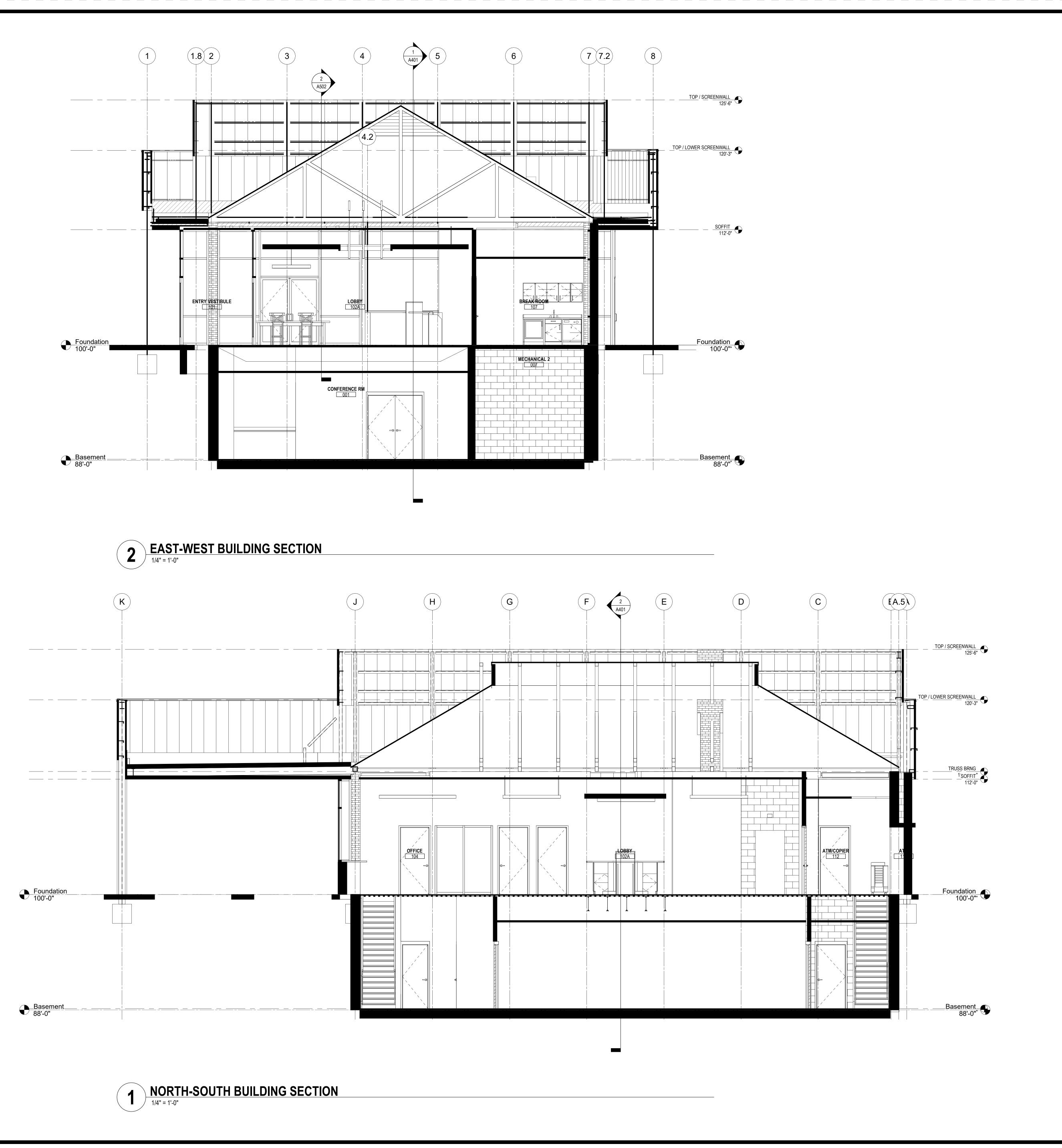
300 SPRUCE STREET PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

SUITE 300 COLUMBUS, OHIO 43215

**EXTERIOR ELEVATIONS -**OVERALL

> PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022 A302



**GENERAL NOTES - BUILDING SECTIONS** 

**KEYNOTE LEGEND** 

KEYNOTE TEXT KEY VALUE

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND
BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 



SUITE 300 COLUMBUS, OHIO 43215

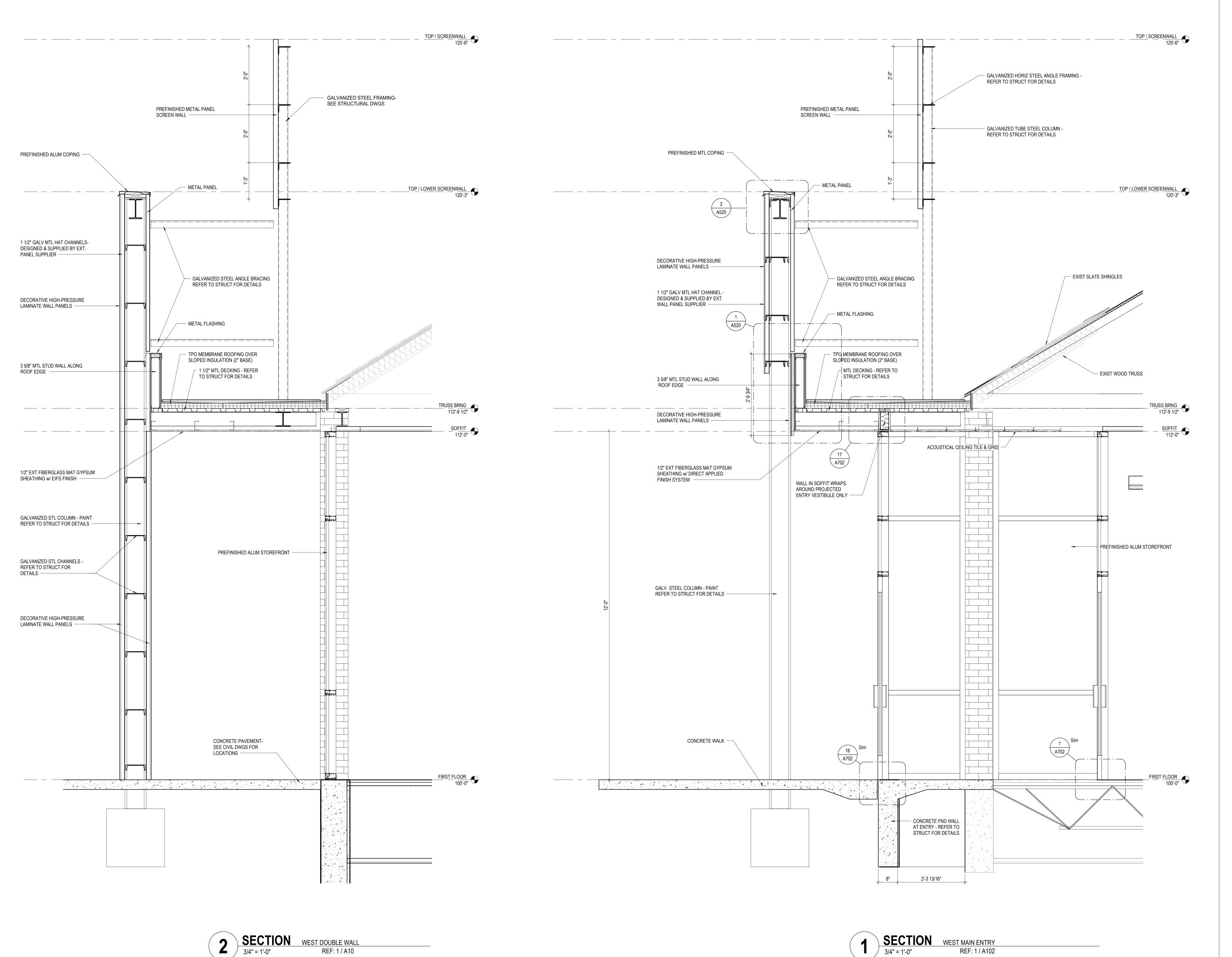
**BUILDING SECTIONS** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022

FINAL DEVELOPMENT PLAN

A401



**GENERAL NOTES - WALL SECTIONS** 

**KEYNOTE LEGEND** 

**CHANGE DESCRIPTION** 



6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



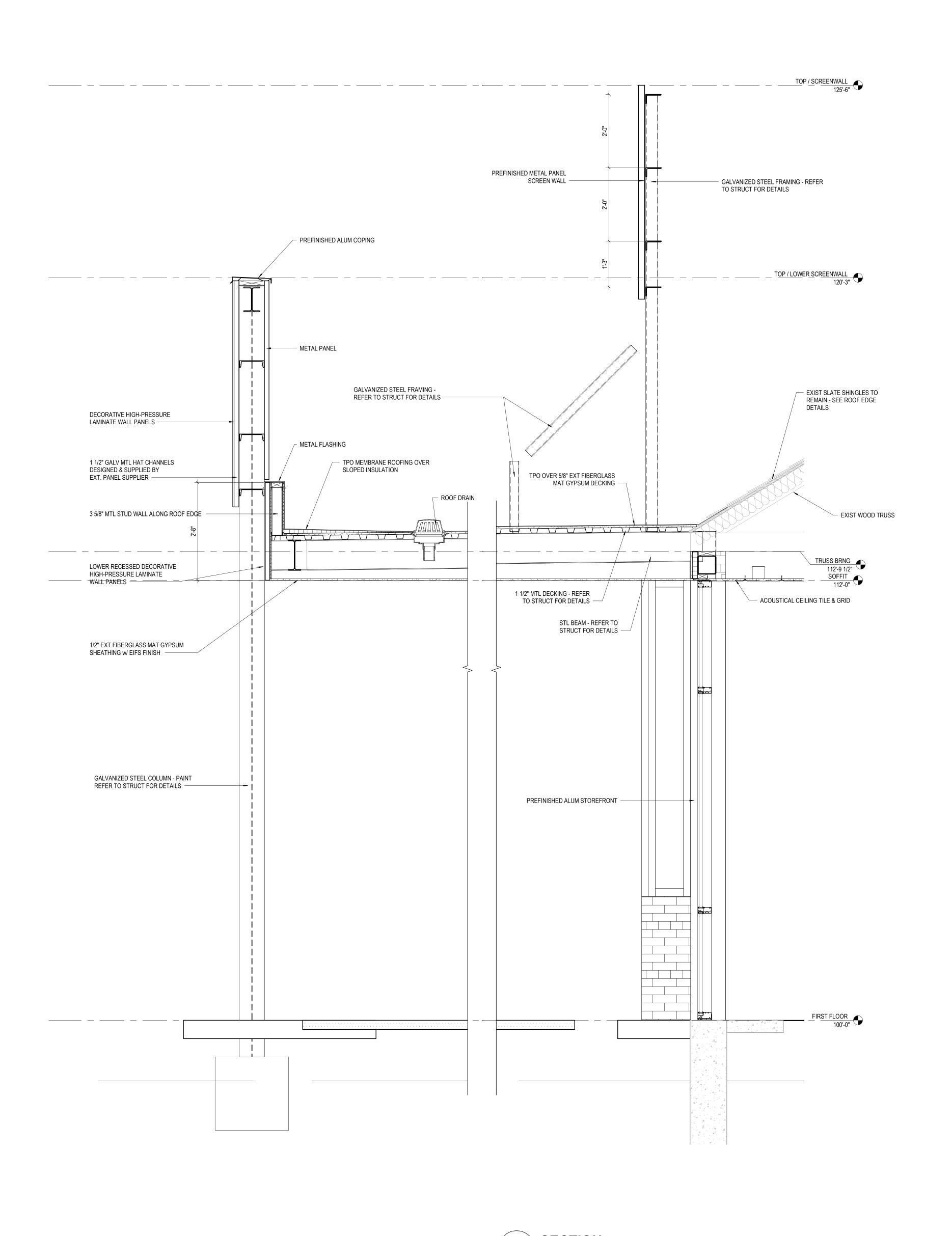
SUITE 300 COLUMBUS, OHIO 43215

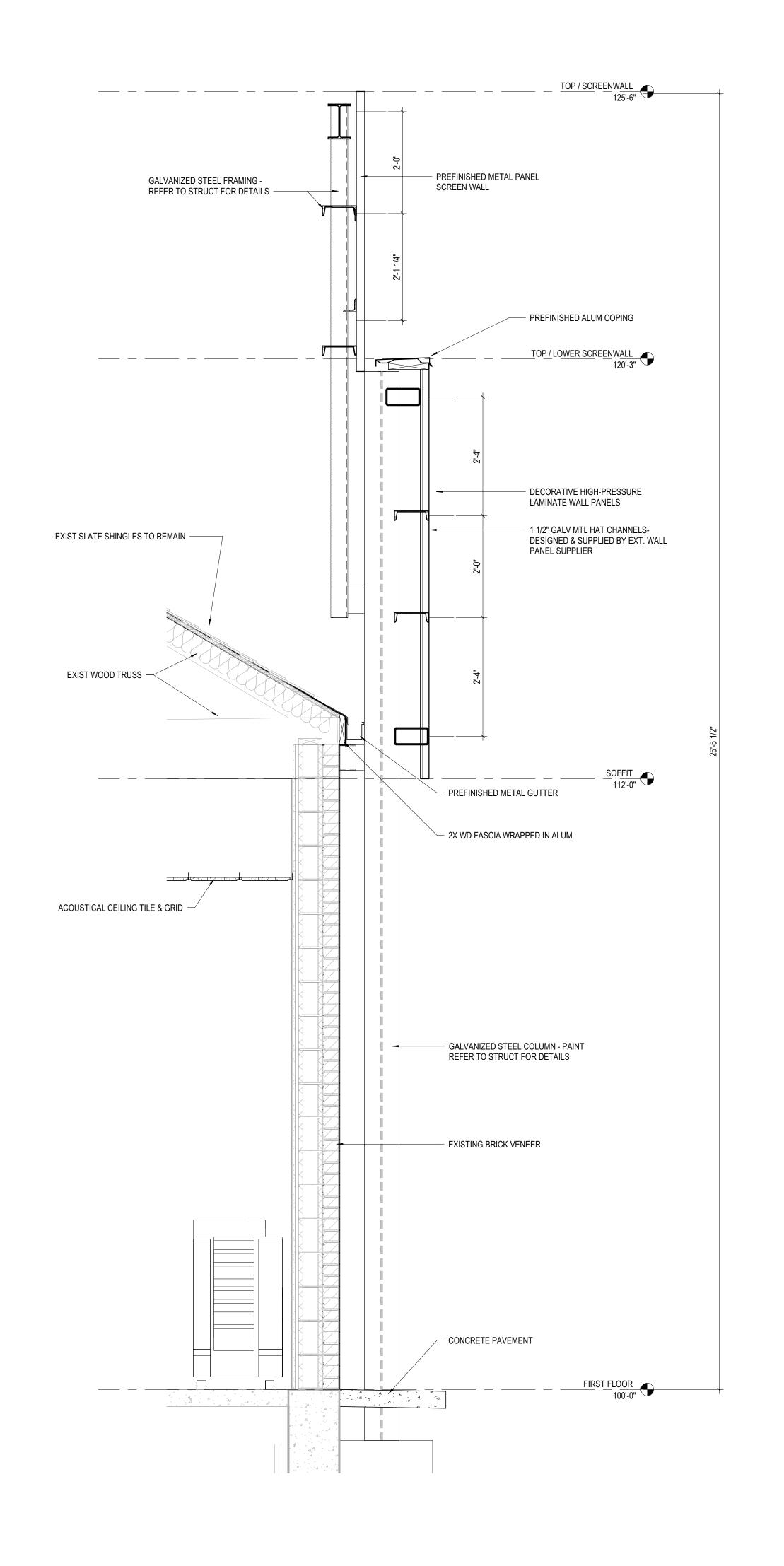
300 SPRUCE STREET

WALL SECTIONS

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022 A501





**SECTION** SOUTH WALL 3/4" = 1'-0" REF: 1 / A102

**GENERAL NOTES - WALL SECTIONS** 

**KEYNOTE LEGEND** 

KEY VALUE

**CHANGE DESCRIPTION** 



6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



SUITE 300 COLUMBUS, OHIO 43215

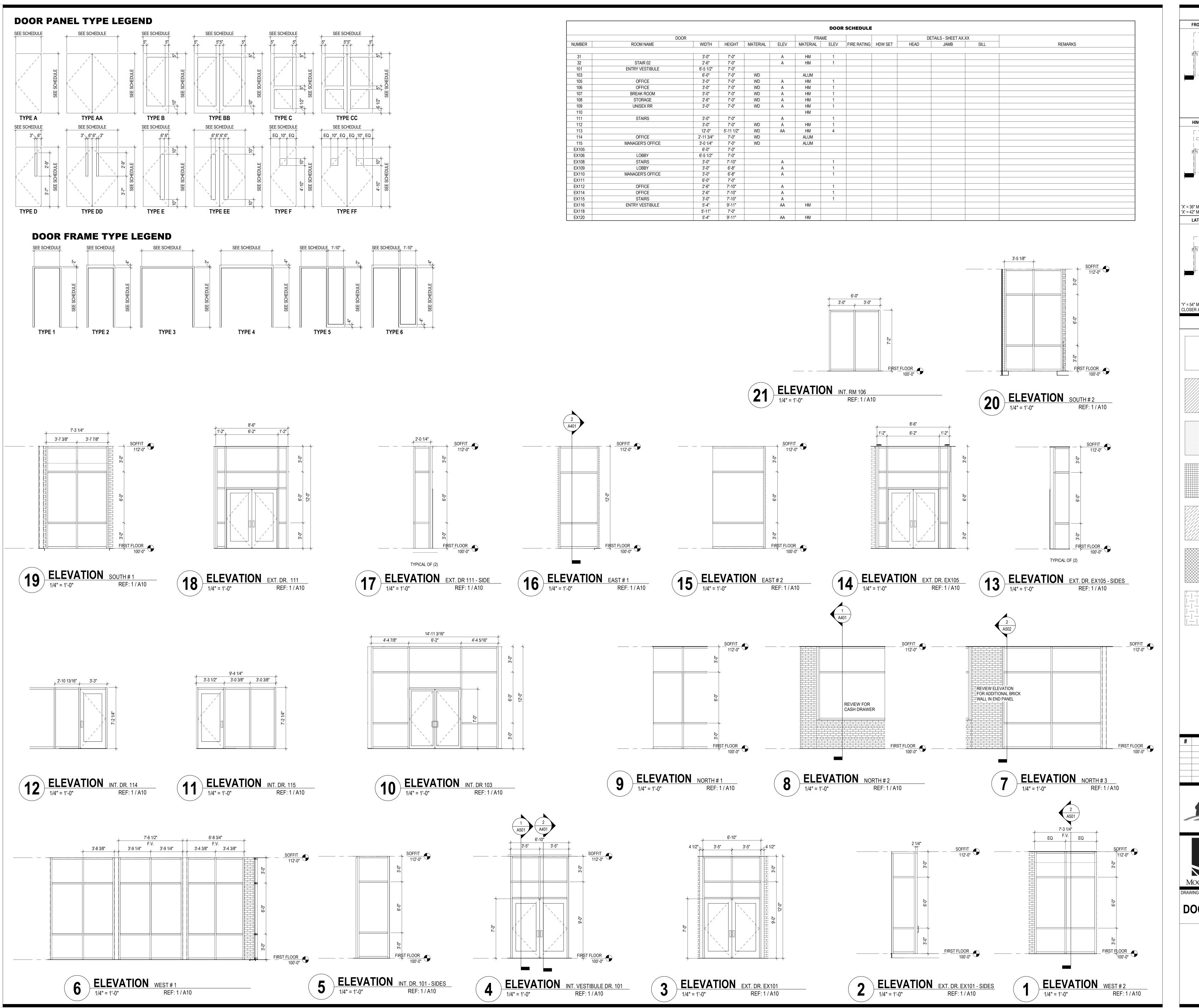
300 SPRUCE STREET

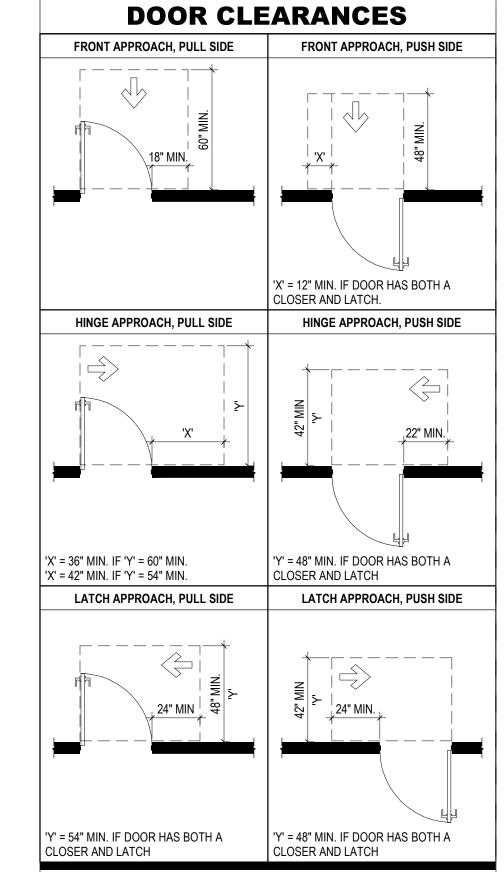
WALL SECTIONS

PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: XXX CHECKED BY: XXX 20022 A502

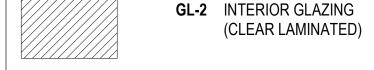
11/30/2020











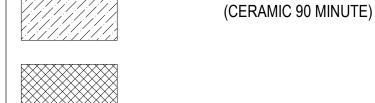




**GL-3** INTERIOR GLAZING

(CERAMIC 45 MINUTE)

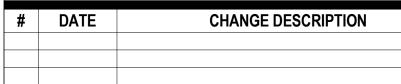
(CERAMIC 60 MINUTE)



GL-6	INTERIOR GLAZING
	(FROSTED)

|--|

**GL-7** INTERIOR GLAZING





RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 

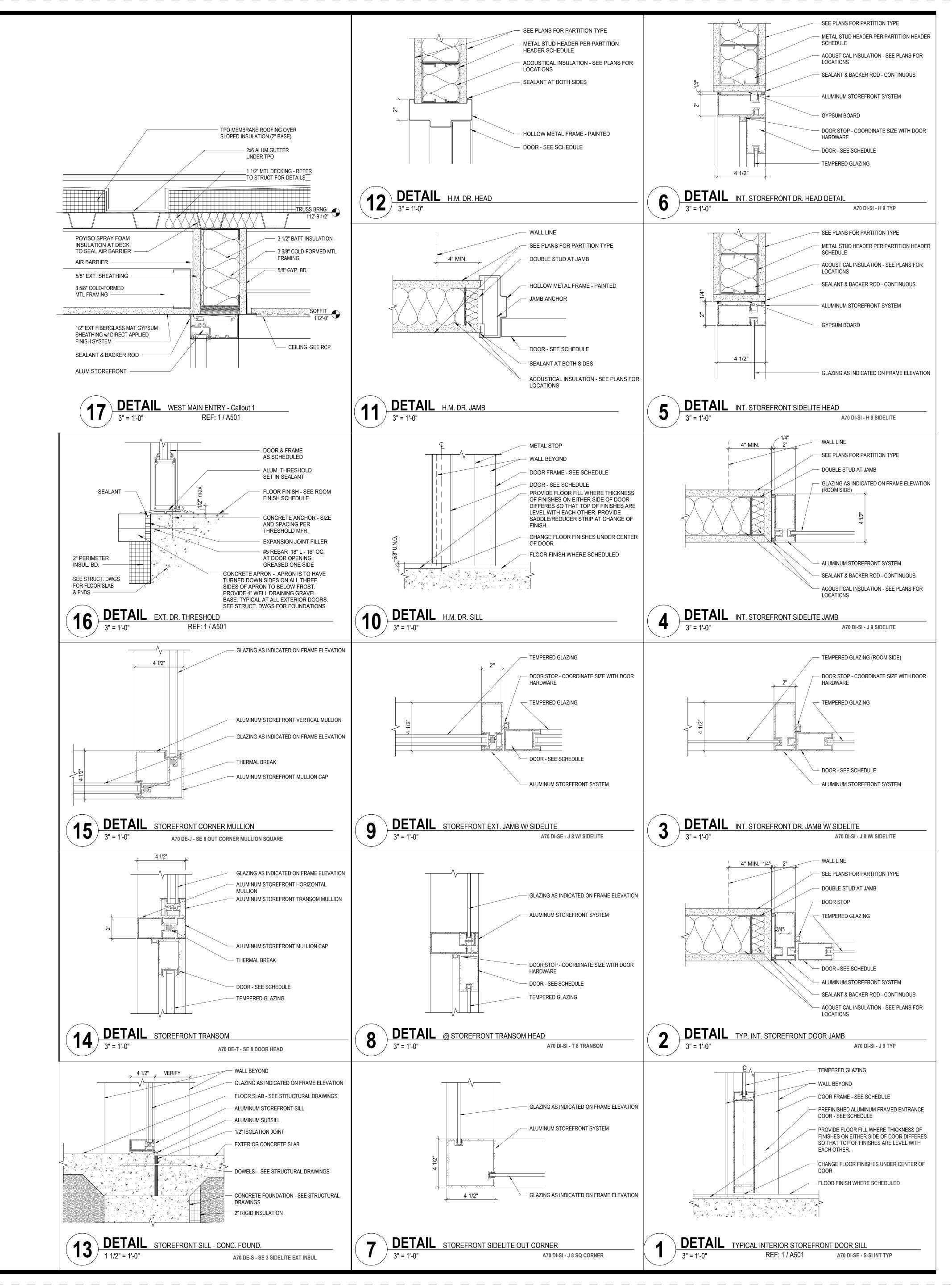


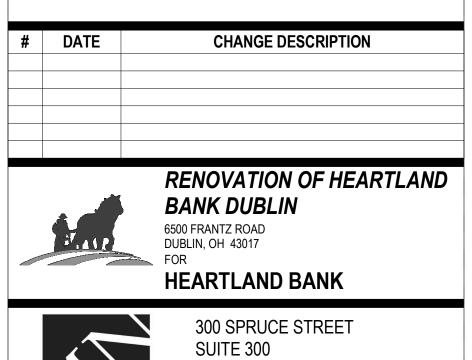
SUITE 300 COLUMBUS, OHIO 43215

## DOOR & WINDOW SCHEDULES

**PROGRESS** DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022 A701



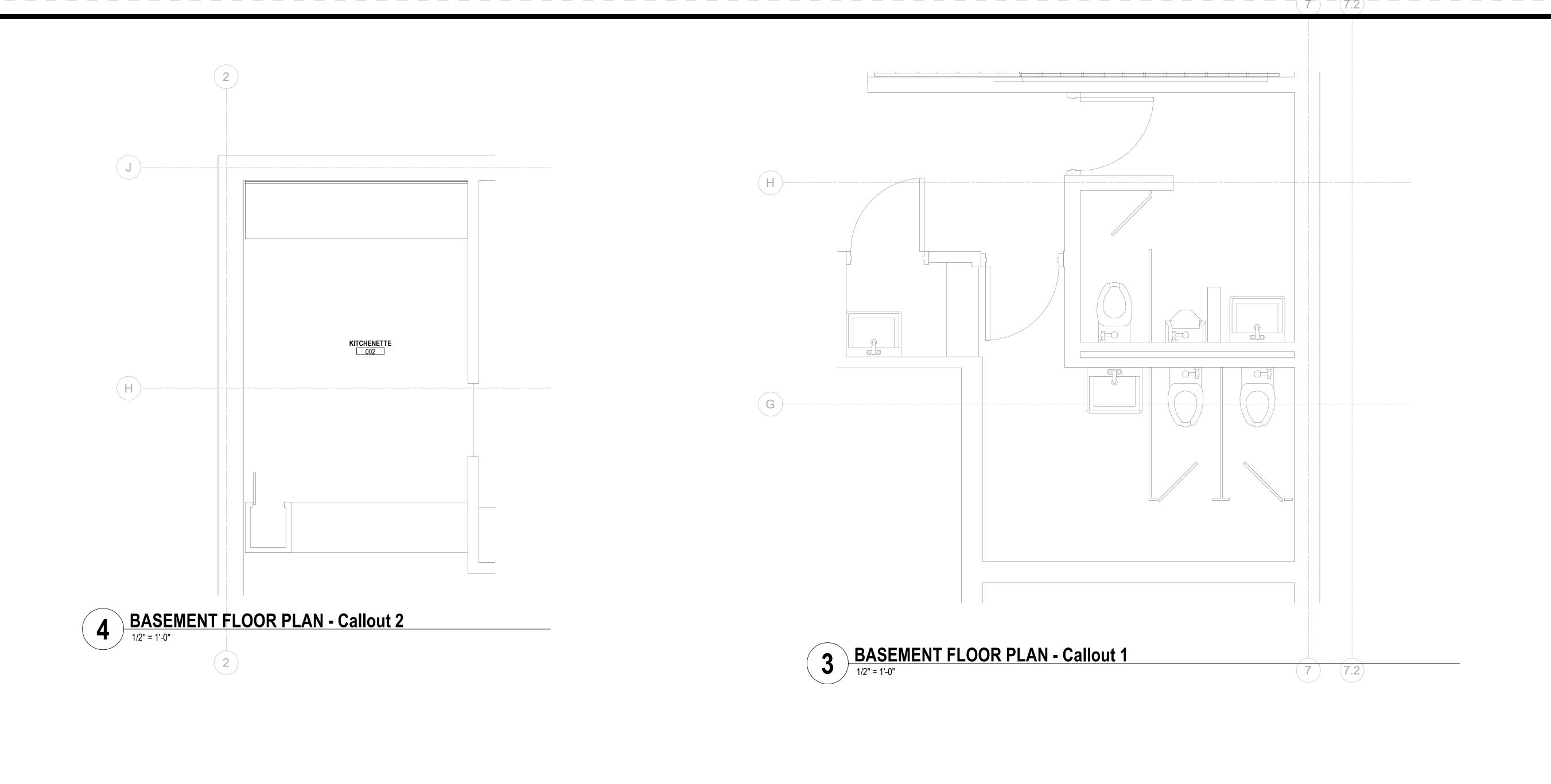


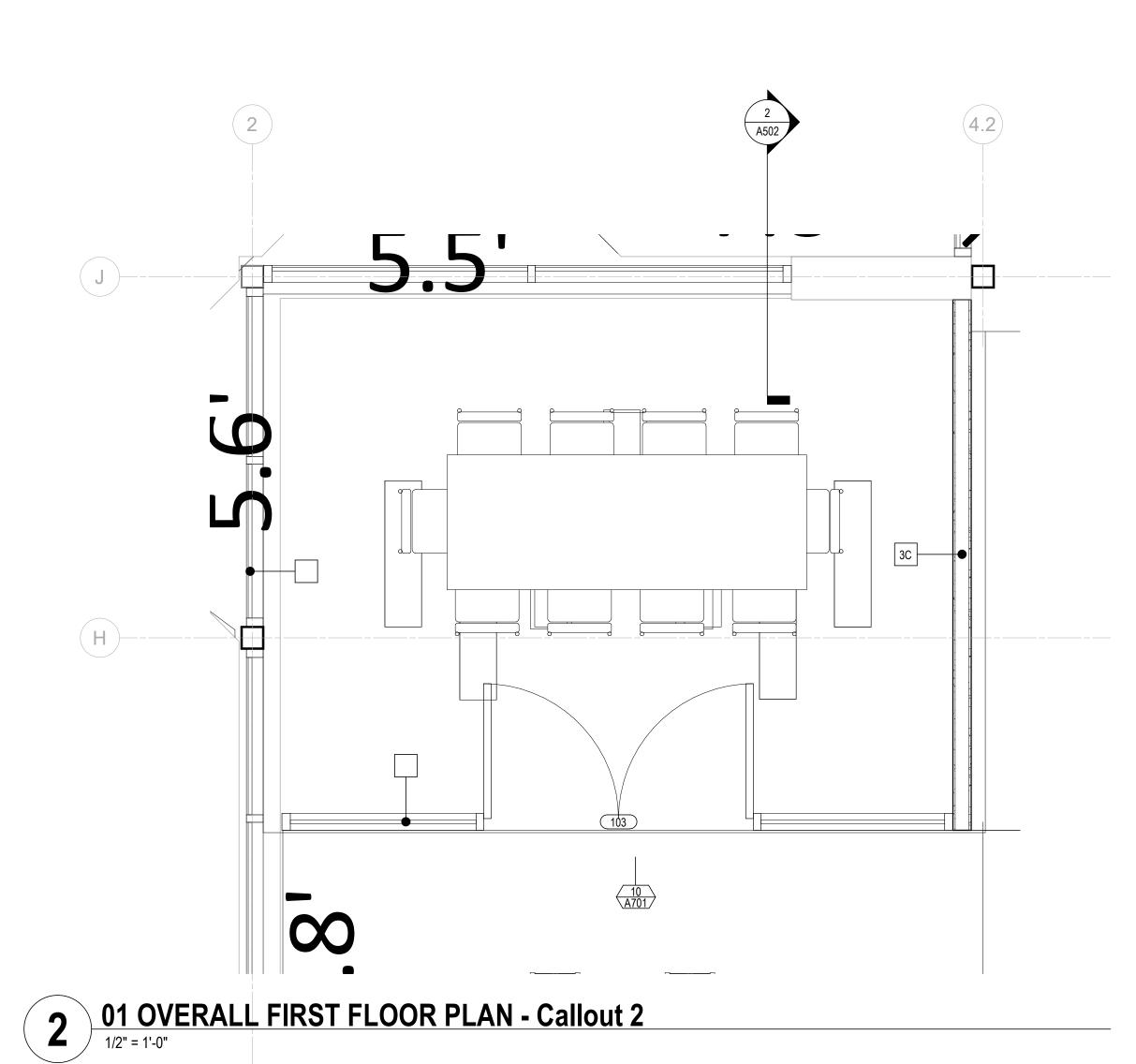


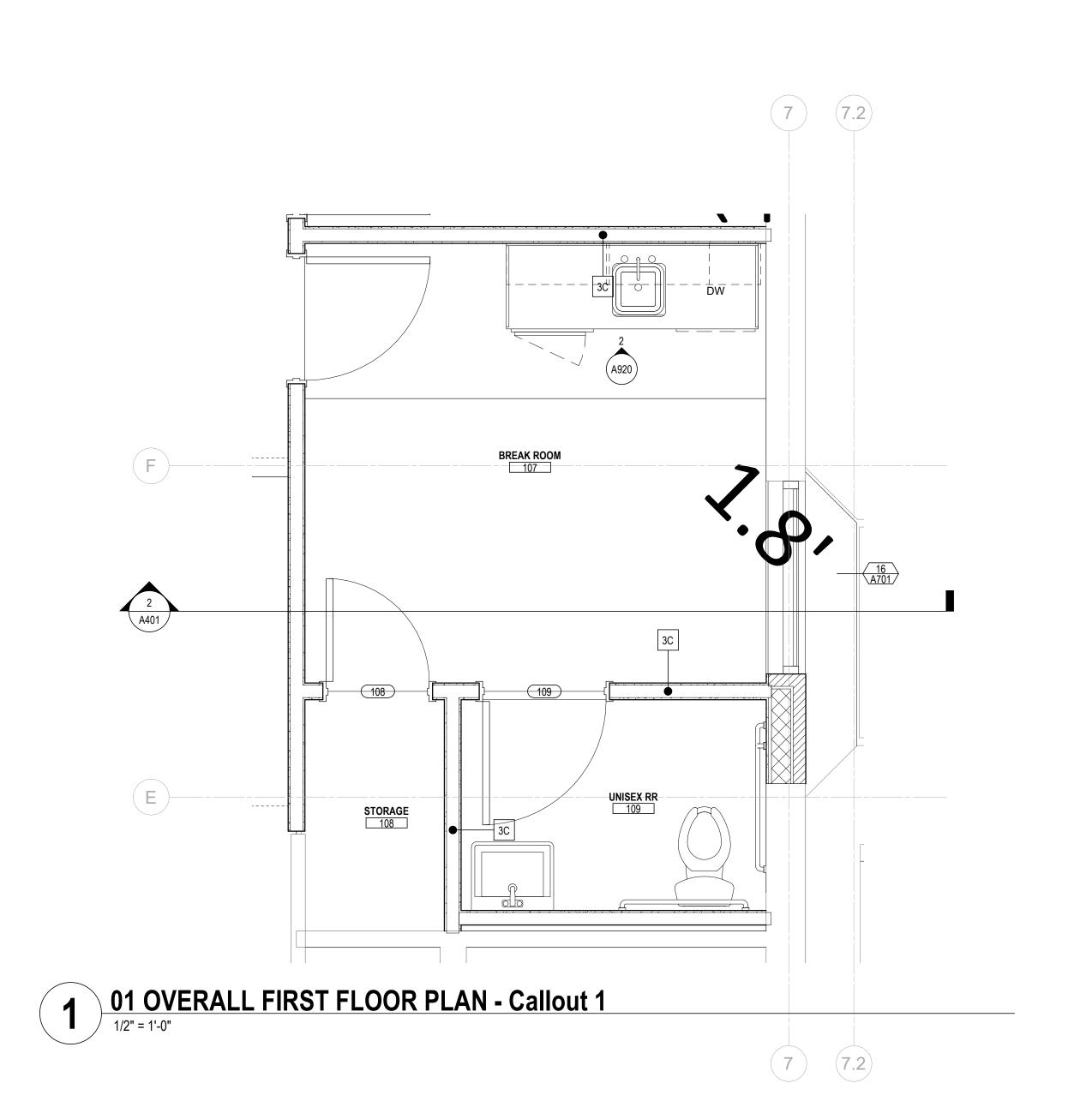
COLUMBUS, OHIO 43215
PHONE: (614) 461-4664
FAX: (614) 280-8881

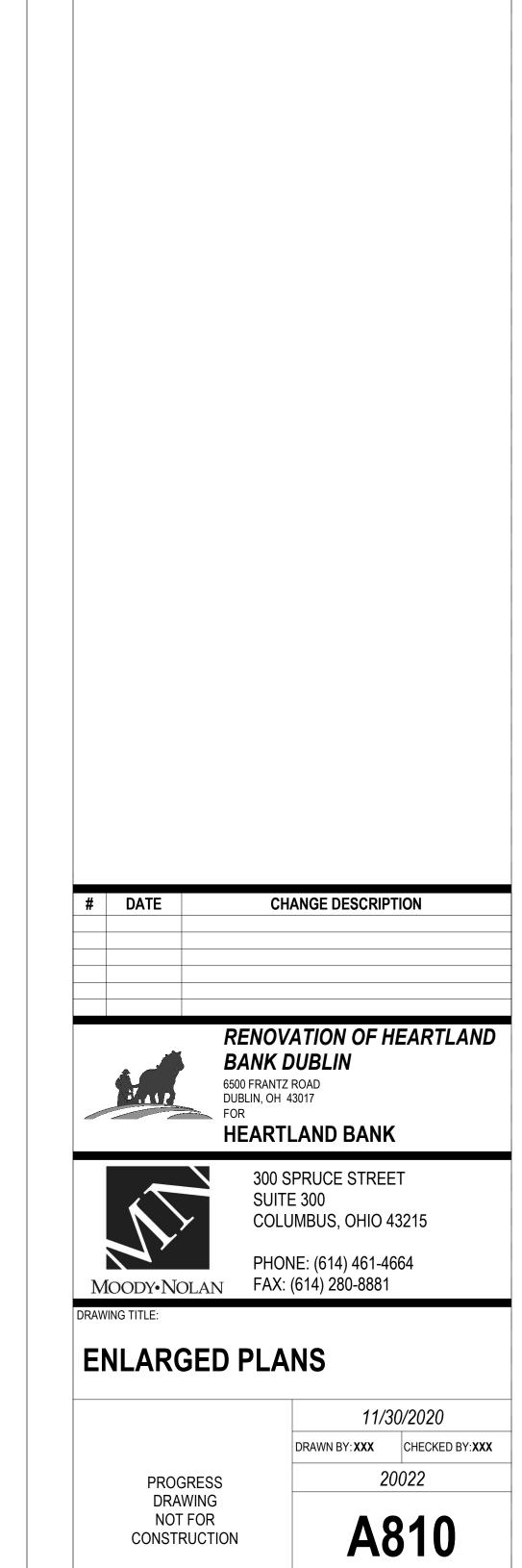
DOOR & WINDOW DETAILS

PROGRESS DRAWING NOT FOR CONSTRUCTION 11/30/2020
DRAWN BY: DCB CHECKED BY:PFP
20022









FINAL DEVELOPMENT PLAN

**GENERAL NOTES - ENLARGED PLANS** 

**KEYNOTE LEGEND** 

KEY VALUE

KEYNOTE TEXT

## FINISH LEGEND

SC-1 SEALED CONCRETE 1 - SEE SPECS

Luxury Vinyl Tile LVT-1 MOHAWK - LINEATE GRAY

Porcelain Tile Floor (PTF) PTF-1: CAESAR ONE CEMENT 30X30 MATTE RECTIFIED USE GT-

PTF-2: CAESAR ONE CEMENT 12X24 MATTE RECTIFIED USE GT

Carpet (CR) \*INSTALL 1/3 OFFSET ASHLAR

CR-1: INTERFACE - HUMAN NATURE COLLECTION - HN850 NICKEL CR-2: INTERFACE - HUMAN NATURE COLLECTION - HN 810 NICKEL CR-3: INTERFACE - HUMAN NATURE COLLECTION - CLEMENTINE

CR-4: INTERFACE - HUMAN NATURE COLLECTION - COBALT CR-5: INTERFACE ABOVE BOARD COLOR: BIRCH

WALKOFF CARPET (WO)
WO-1: SHAW CONTRACT GROUP - STEPPIN OUT - BONJOUR II - COLOR:

Rubber Base (RB) \*RB-1 ON ALL ROOMS U.N.O. RB-1 TARKETT - 3" MILLWORK OBLIQUE PROFILE BASE - STRAIGHT: COLOR: MOONROCK

Porcelain Tile Base (PTB) PTB-1 TO MATCH PTF-1

Reclaimed Wood Wall and Ceiling - (WD) WD-1: OLDE WOOD - DISTRESSED COLLECTION - ANTIQUE BARN SIDING -

## Ceramic Wall Tile (CT)

- CT-1 COLOR BY NUMBER 3X8 WHITE GT-2
- CT-2: DALTILE RETRO ROUNDS MOSAIC: COBALT BLUE USE GT-3 CT- 3: DALTILE - SEASON WOOD - COLORBODY PORCELAIN 12X48 -
- COLOR: SNOW PINE (INSTALL 1/3 OFFSET RUNNING BOND) USE GT-1 \*ALL TILE WALLS TO BE FULL HEIGHT FLOOR TO CEILING. U.N.O.

## Paint (PT) \* PAINT ALL WALLS PT-1 U.N.O.

PT-1: BENJAMIN MORE: SUPER WHITE PM-1 PT-2: SHERWIN WILLIAMS: LAZY GRAY SW6254

PT-3: BENJAMIN MORE: CHELSEA GRAY

Vinyl Wallcovering (WC)

WC-1: DL COUCH: STACY GARCIA HIGHLIGHTS COLOR: COBALT WC-2: MAHARAM - HITCH; COLOR: MIMOSA

### **MISCELLANEOUS**

Plastic Laminate (PL) \*INSTALL PATETRN VERTICAL U.N.O. PL-1: WILSONART: ASIAN NIGHT PL-2: WILSONART SHADOW ZEPHYR MATTE FINISH

Solid Surface (SS)
SS-1: CORIAN: GLACIER WHITE

SS-2: SILESTONE COLOR: WHITE STORM

## Grout (GT) \*USE GT-1 U.N.O.)

GT-1: BOSTIK - COLOR: BUFF H188 GT-2: BOSTIK - COLOR: CHAR BLACK H139

GT-3: BOSTICK BRIGHT WHITE H177

Floor Transition Strip
Schluter®-SCHIENE - METAL TRANSITION STRIP BETWEEN PORCELAIN TILE

USE STAINLESS STEEL CORNER GUARDS. 8' HIGH PLACED ABOVE WALL

USE FRY REGLET WALL COVERING CORNER GUARD TRIM @ WALLCOVERING EXTERNAL CORNERS. FULL HEIGHT OF WALL.

## **GENERAL NOTES - FINISH PLANS**

- STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL. FINISH (SUB) CONTRACTORS ARE REQUIRED TO READ, UNDERSTAND AND FOLLOW ALL RELEVANT SECTIONS OF THE PROJECT MANUAL.
- 2. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT
- 3. NO FINISH MATERIAL SUBSTITUTIONS WILL BE ACCEPTED EXCEPT IN THE SPECIFIC CIRCUMSTANCES ENUMERATED IN THE PROJECT MANUAL.

TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

- 4. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL, FINISH AND COLOR INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS. IF WALLS ON OPPOSITE SIDES OF DOOR FRAME ARE DIFFERENT COLORS THE PAINT COLORS SHOULD BE SPLIT AT THE JAMB OF THE FRAME.
- 5. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE

MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).

- 6. FLOORING MATERIAL DESIGNATED FOR STAIRS IS TO INCLUDE STAIR AND ALL ASSOCIATED TREADS, RISERS, LANDINGS, ETC. (UNLESS NOTED OTHERWISE).
- . PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.
- 8. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR THE PURPOSE OF BIDDING, INFORMATION DETAILED ON THE FINISH FLOOR PLANS AND FLOORING PLANS IS TO TAKE PRECEDENCE OVER THE FINISH SCHEDULE UNTIL FURTHER CLARIFICATION CAN BE GIVEN. FOR AREAS NOT
- 9. PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE AFOREMENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES,

SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.

10. WHERE RESILIENT BASE IS SPECIFIED (VINYL OR RUBBER) PROVIDE COVE PROFILE BASE AT ALL RESILIENT FLOORS AND STRAIGHT BASE FOR ALL CARPET AREAS (UNLESS OTHERWISE NOTED). HEIGHT AND COLOR TO BE AS INDICATED ON FINISH LEGEND.

BRACKETS, ETC.

- 11. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.
- 12. ALL DRYWALL SOFFITS TO BE PAINTED FLAT CEILING WHITE UNLESS NOTED OTHERWISE ON CEILING PLANS.
- ALL SCHEDULED TILED WALLS (UNLESS NOTED OTHERWISE). 14. FOR EPOXY OR INTUMESCENT PAINT COLOR REFER TO PAINT SCHEDULE

13. CERAMIC WALL TILE TO EXTEND FULL WIDTH AND FULL HEIGHT FOR ANY AND

15. WITHIN FINISH SCHEDULE CELLS: SLASH MARKS INDICATE DIFFERENCES IN

FINISH MATERIAL WHILE COMMAS INDICATE DIFFERENCES IN PATTERN OR COLOR WITHIN A SPECIFIC MATERIAL. 16. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT

ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO

- SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION. 17. WALL PAINT INDICATED FOR CURTAIN WALL LOCATIONS APPLIES TO ALL
- ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS.
- 18. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED FLOOR ELEVATIONS WITH ALL/ANY FLOOR MOUNTED COMPONENTS (RECEPTACLES, ACCESS PANELS, ETC.) SO THAT COMPONENTS ARE INTEGRATED AND FLUSH.

## **KEYNOTE LEGEND**

CHANGE DESCRIPTION RENOVATION OF HEARTLAND



6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

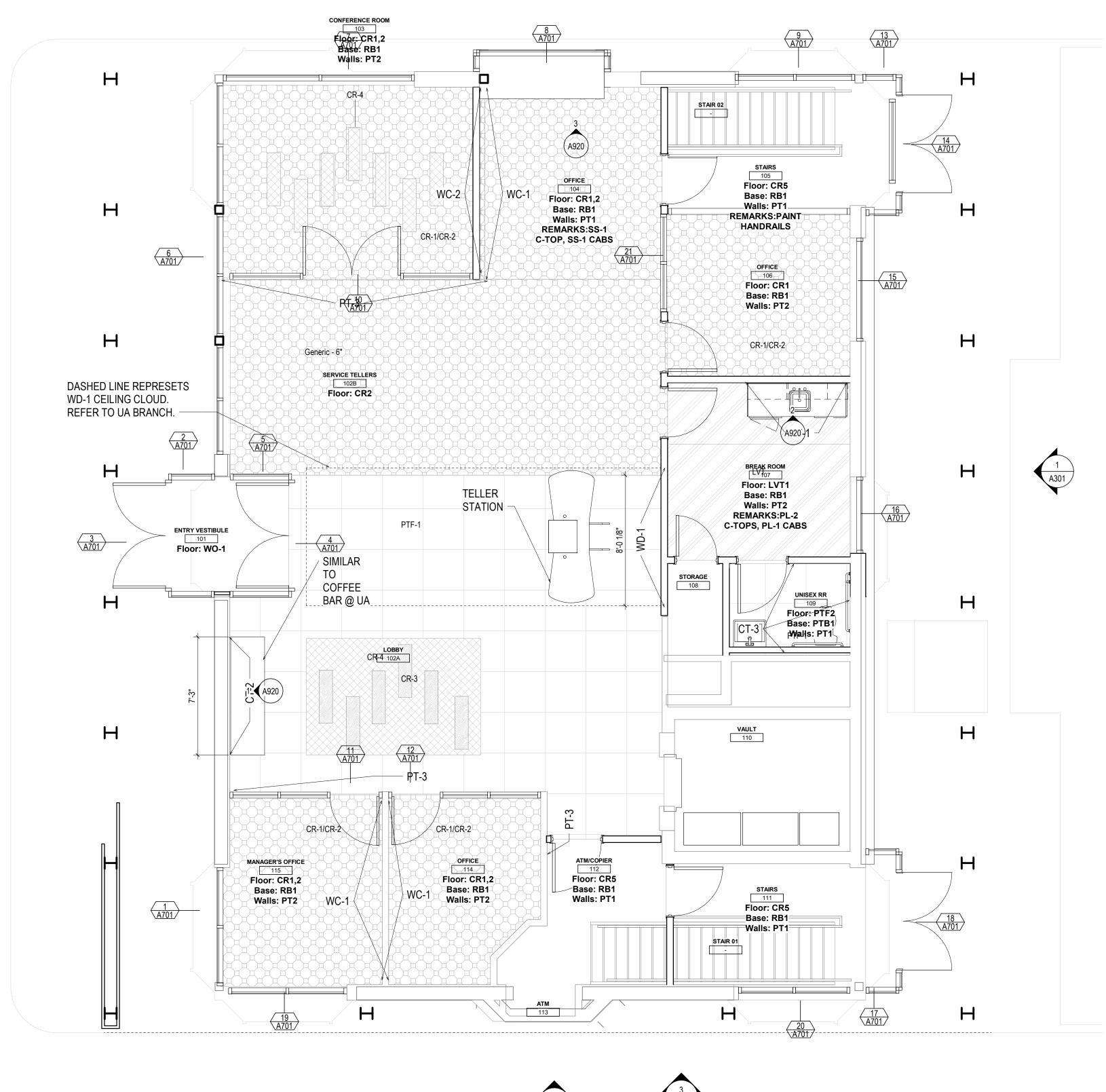
# **FINISH LEGEND**

**PROGRESS** DRAWING NOT FOR

CONSTRUCTION

11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022

A900



FIRST FLOOR - FINISH PLAN
1/4" = 1'-0"

**GENERAL NOTES - FINISH PLANS** 

- STANDARDS AND PROCEDURES FOR THE PREPARATION AND APPLICATION OF INTERIOR FINISHES ARE DEFINED IN THE PROJECT MANUAL. FINISH (SUB) CONTRACTORS ARE REQUIRED TO READ, UNDERSTAND AND FOLLOW ALL RELEVANT SECTIONS OF THE PROJECT MANUAL.
- 2. FINISH MATERIALS ARE LISTED IN THE LEGEND COMPONENT OF THE FINISH SCHEDULE. SPECIFICATIONS ARE INCLUDED IN THE PROJECT MANUAL. ANY CONFLICTS OR DISCREPANCIES BETWEEN THESE TWO SHOULD BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
- 3. NO FINISH MATERIAL SUBSTITUTIONS WILL BE ACCEPTED EXCEPT IN THE SPECIFIC CIRCUMSTANCES ENUMERATED IN THE PROJECT MANUAL.
- 4. PAINTED HOLLOW METAL DOORS AND FRAMES TO BE PAINTED TO MATCH ADJACENT WALL COLOR UNLESS NOTED OTHERWISE. MATERIAL, FINISH AND COLOR INFORMATION FOR ALL OTHER DOORS AND FRAMES IS CONTAINED IN THE DOOR SCHEDULE AND ITS ASSOCIATED LEGENDS. IF WALLS ON OPPOSITE SIDES OF DOOR FRAME ARE DIFFERENT COLORS THE PAINT COLORS SHOULD BE SPLIT AT THE JAMB OF THE FRAME.
- 5. ALL VERTICAL TRANSITIONS BETWEEN DIFFERING WALL FINISHES ARE TO BE MADE AT INSIDE CORNERS (UNLESS NOTED OTHERWISE).
- 6. FLOORING MATERIAL DESIGNATED FOR STAIRS IS TO INCLUDE STAIR AND ALL ASSOCIATED TREADS, RISERS, LANDINGS, ETC. (UNLESS NOTED OTHERWISE).
- 7. PAINT DESIGNATED FOR METAL STAIR COMPONENTS IS TO INCLUDE ALL EXPOSED METAL COMPONENTS ASSOCIATED WITH THE STAIR SYSTEM ITSELF, ALL EXPOSED STRUCTURAL STEEL COMPONENTS SUPPORTING THE STAIR SYSTEM (UNLESS NOTED OTHERWISE), AND ALL EXPOSED METAL COMPONENTS OF THE HANDRAIL AND GUARDRAIL SYSTEMS (UNLESS NOTED OTHERWISE). UNDERSIDES OF STAIR RUNS AND LANDINGS ARE CONSIDERED "EXPOSED" IN ALL SITUATIONS.
- 8. FOR CLARITY, SOME FINISH INFORMATION HAS BEEN PRESENTED GRAPHICALLY IN THE FORM OF FINISH AND FLOORING PLANS. SHOULD THERE BE A DISCREPANCY BETWEEN THE FINISH SCHEDULE AND THESE PLANS, THE ARCHITECT SHOULD BE NOTIFIED IMMEDIATELY. FOR THE PURPOSE OF BIDDING, INFORMATION DETAILED ON THE FINISH FLOOR PLANS AND FLOORING PLANS IS TO TAKE PRECEDENCE OVER THE FINISH SCHEDULE UNTIL FURTHER CLARIFICATION CAN BE GIVEN. FOR AREAS NOT SPECIFICALLY DETAILED ON THESE PLANS, THE FINISH SCHEDULE PERTAINS.
- 9. PAINT DESIGNATED FOR EXPOSED OVERHEAD STRUCTURE IS TO INCLUDE ALL EXPOSED COMPONENTS INCLUDING (BUT NOT EXCLUSIVE TO) DECKING, STRUCTURAL MEMBERS, MECHANICAL AND ELECTRICAL DELIVERY SYSTEMS, FIRE PROTECTION SYSTEMS (EXCLUDING SPRINKLER HEADS), AND ALL OTHER MISCELLANEOUS BUILDING SYSTEMS LOCATED OVERHEAD. EACH OF THE AFOREMENTIONED CATEGORIES IS TO INCLUDE ANY AND ALL ASSOCIATED SUPPORTS, FASTENERS, HANGERS, STRUTS, BRACES, BRACKETS, ETC.
- 10. WHERE RESILIENT BASE IS SPECIFIED (VINYL OR RUBBER) PROVIDE COVE PROFILE BASE AT ALL RESILIENT FLOORS AND STRAIGHT BASE FOR ALL CARPET AREAS (UNLESS OTHERWISE NOTED). HEIGHT AND COLOR TO BE AS INDICATED ON FINISH LEGEND.
- 11. REFER TO REFLECTED CEILING PLANS AND SPECIFICATION MANUAL FOR ALL CEILING MATERIAL AND FINISH INFORMATION.
- 12. ALL DRYWALL SOFFITS TO BE PAINTED FLAT CEILING WHITE UNLESS NOTED OTHERWISE ON CEILING PLANS.

13. CERAMIC WALL TILE TO EXTEND FULL WIDTH AND FULL HEIGHT FOR ANY AND

14. FOR EPOXY OR INTUMESCENT PAINT COLOR REFER TO PAINT SCHEDULE

ALL SCHEDULED TILED WALLS (UNLESS NOTED OTHERWISE).

- NUMBERS.
- 15. WITHIN FINISH SCHEDULE CELLS: SLASH MARKS INDICATE DIFFERENCES IN FINISH MATERIAL WHILE COMMAS INDICATE DIFFERENCES IN PATTERN OR COLOR WITHIN A SPECIFIC MATERIAL.
- 16. APPROPRIATE METAL OR VINYL TRANSITION STRIPS MUST BE PROVIDED AT ALL FINISH MATERIAL FLOORING CHANGES. GENERAL CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL FLOORING TRANSITIONS AND AREAS IN WHICH FLOORING PATTERNS ARE SHOWN. SEE FLOOR FINISH PLANS, DETAILS AND NOTES FOR SPECIFIC INFORMATION.
- ASSOCIATED DRYWALL COMPONENTS (CURBS, HEADERS, BULKHEADS, ETC.) AND SHOULD NOT BE INTERPRETED AS APPLYING TO CURTAIN WALL COMPONENTS OR GLASS. 18. FLOORING CONTRACTOR(S) IS RESPONSIBLE FOR COORDINATING FINISHED

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**KEYNOTE LEGEND** 

**CHANGE DESCRIPTION** 



**BANK DUBLIN** 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



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PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

FIRST FLOOR FINISH PLAN

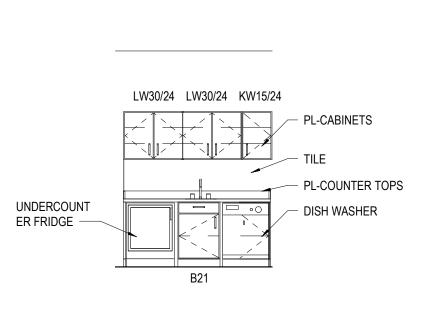
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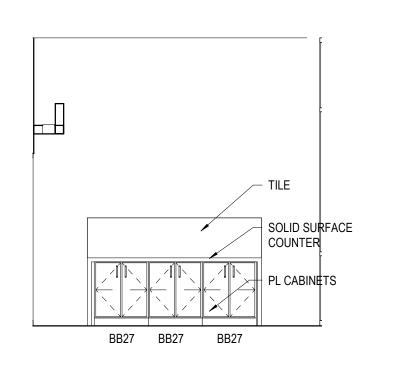
11/30/2020 DRAWN BY: XXX CHECKED BY: XXX 20022

A901 FINAL DEVELOPMENT PLAN

**BASEMENT - FINISH PLAN** 

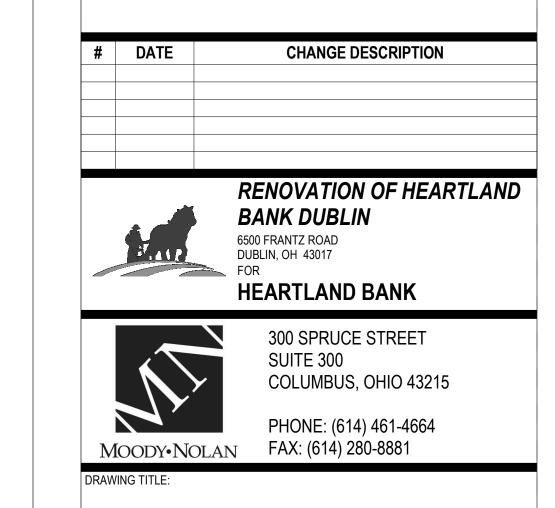
SOLID SURFACE COUNTER TPOP PL CABINETS —







1 ELEVATION COFFEE BAR
1/4" = 1'-0" REF: 1 / A10



# INTERIOR ELEVATIONS

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DRAWN BY: XXX CHECKED BY: XXX A920

11/30/2020

FINAL DEVELOPMENT PLAN

3 ELEVATION OFFICE

1/4" = 1'-0" REF: 1 / A10

2 ELEVATION BREAKROOM
1/4" = 1'-0" REF: 1 / A10

	ABBREVIATIONS		ABBREVIATIONS
OTE: NOT	ALL ABBREVIATIONS MAY BE USED.	NOTE: NO	Γ ALL ABBREVIATIONS MAY BE USED.
(A)	EXISTING TO BE ABANDONED	IN	INCHES
(D)	EXISTING TO BE DEMOLISHED	INV EL	INVERT ELEVATION
(E)	EXISTING TO REMAIN	IW	INDIRECT WASTE
(F)	FUTURE	KW	KILOWATT
(R)	EXISTING TO BE RELOCATED	L	LAVATORY
Α	COMPRESSED AIR (SHOP AIR)	LB	POUNDS
ABV	ABOVE	LF	LINEAR FEET
AE	ANESTHESIA EVACUATION	LG	LENGTH
AFF	ABOVE FINISHED FLOOR	LN	LIQUID NITROGEN
AMP	AMPERE	LOX	LIQUID OXYGEN
APPROX	APPROXIMATE	MA	COMPRESSED AIR (MEDICAL GAS)
AR ARCH	ARGON ARCHITECT	MAX MECH	MAXIMUM MECHANICAL
AUTO	AUTOMATIC	MFG	MANUFACTURER
AV	ACID VENT	MIN	MINIMUM
AVG	AVERAGE	MS	MOP SINK
AW	ACID WASTE	MV	VACUUM (MEDICAL GAS)
BF	BELOW FLOOR	N20	NITROUS OXIDE
BFV	BUTTERFLY VALVE	N N	NITROGEN
BLDG	BUILDING	N/A	NOT APPLICABLE
ВОР	BOTTOM OF PIPE	NC	NORMALLY CLOSED
ВТ	ВАТНТИВ	NIC	NOT IN CONTRACT
CAP	CAPACITY	NO	NORMALLY OPEN
CFH	CUBIC FEET PER HOUR	NO.	NUMBER
CFM	CUBIC FEET PER MINUTE	NPW	NON-POTABLE WATER
CONN	CONNECTION OR CONNECT	NTS	NOT TO SCALE
CONT	CONTINUATION	0	OXYGEN
CS	CLINIC SINK	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
CU FT	CUBIC FEET	OS&Y	OUTSIDE STEM AND YOKE VALVE
CU IN	CUBIC INCH	PD	PUMPED DISCHARGE
D	DRAIN	PLBG	PLUMBING
DEPT	DEPARTMENT	PPM	PARTS PER MILLION
DIA	DIAMETER	PR	FUEL POLISH RETURN
DI	DEIONIZED WATER	PRESS	PRESSURE
DN	DOWN	PRV	PRESSURE REDUCING VALVE
DW	DISTILLED WATER	PS	FUEL POLISH SUPPLY
DWG	DRAWING	PSI	POUNDS PER SQUARE INCH
E	EMERGENCY FIXTURE	PSIG	PSI GAUGE
EL	ELEVATION	RCP	RECIRCULATING PUMP
EQUIP	EQUIPMENT	RD	ROOF DRAIN
EWC	ELECTRIC WATER COOLER	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
EXH	EXHAUST	RPM	REVOLUTIONS PER MINUTE
EXP	EXPANSION	RO	REVERSE OSMOSIS WATER
°F	EXISTING  DEGREES FAHRENHEIT	S SEC	SINK
FD	FLOOR DRAIN	SEC	SHOWER
IN FL EL	FINISHED FLOOR ELEVATION	SHT	SHEET
FOD	FUEL OIL DISCHARGE	SPEC	SPECIFICATION
FOF	FUEL OIL DISCHARGE	SRD	SECONDARY ROOF DRAIN
FOG	FUEL OIL FILL FUEL OIL GAUGE LINE	STSTL	STAINLESS STEEL
F00	FUEL OIL OVER FLOW LINE	STD	STANDARD
FOR	FUEL OIL RETURN	STR	STRAINER
FOS	FUEL OIL SUPPLY	SW	SOFT POTABLE WATER
FOV	FUEL OIL TANK VENT	TE	TOP ELEVATION
FT	FOOT OR FEET	TEMP	TEMPERATURE
GA	GAUGE	TMV	THERMOSTATIC MIXING VALVE
GAL	GALLONS	TOP	TOP OF PIPE
GPD	GALLONS PER DAY	TWS	TEMPERED WATER SUPPLY
GPH	GALLONS PER HOUR	TYP	TYPICAL
GPM	GALLONS PER MINUTE	UNO	UNLESS NOTED OTHERWISE
H	HYDROGEN	UR	URINAL
HD	HEAD	V	VOLT/VENT
HE	HELIUM	VB	VACUUM BREAKER
HGT	HEIGHT	VTR	VENT THRU ROOF
HP	HORSEPOWER	W	WATER
	HEATING, VENTILATING, AND AIR CONDITIONING	WC	WATER CLOSET
HVAC	· · · · · · · · · · · · · · · · · · ·		

SYMBOLS LIST								
	PIPING							
EXISTING TO REMAIN		—— (E) —————————————————————————————————						
EXISTING TO BE DEMOLISHED		·(D)						
DOMESTIC HOT WATER		——HW ———————						
DOMESTIC COLD WATER		CW						
SANITARY		SAN———						
VENT		v						
NATURAL GAS		G						

DESCRIPTION	2D SYMBOL		/MBOL
DROP		PLAN VIEW	SECTION VIEV
RISE	o		
TEE	<del></del>		
CAP	3		
GLOBE VALVE	×		Ţ
PLUG VALVE	M		H
SOLENOID VALVE	X	Ð	
GAS PRESSURE REGULATOR	Ø		
PRESSURE REDUCING VALVE	Ø	0	₽.
OUTSIDE STEM & YOKE VALVE	×		T <sub>A</sub>
BUTTERYFLY VALVE	M	T	₿—
BALL VALVE	101	i <del>ci</del>	<b>5</b>
CHECK VALVE	Z	IOI	昂
BALANCE VALVE	凶	<b>∞</b>	7
STRAINER	À		
UNION	ıļı	Ф	Ф
TEMPERATURE & PRESSURE RELIEF VALVE	7		
METER			
AQUASTAT	<b>⇔</b> 0	Ô	<b>-</b>
THERMOMETER	Д	0	
PRESSURE GAUGE WITH STOPCOCK	<b>⊘-)≖</b> ( -		O <del>I</del>
REDUCED PRESSURE BACKFLOW PREVENT	ER —	p⊞a	
PUMP		Ø	
WALL HYDRANT		<b>=</b>	<b>=</b>
HOSE BIBB		pô-	₽,
CLEANOUT	llco	þсо	þсо
CLEANOUT AT FLOOR OR AT GRADE	© CO	© CO	□co
FLOOR OR AREA DRAIN			품
ROOF DRAIN			
DOWNSPOUT NOZZLE	<del></del>	<del></del>	<u></u>

- 1. PROVIDE NEW DOMESTIC WATER, SANITARY WASTE, STORM DRAINAGE, NATURAL GAS FOR THIS BUILDING. PROVIDE ALL NECESSARY COMPONENTS FOR FULLY OPERATIONAL SYSTEM. INSTALL SYSTEMS IN ACCORDANCE WITH STATE REQUIREMENTS AND LOCAL AUTHORITY HAVING JURISDICTION.COORDINATE THE LOCATION OF ALL UTILITY CONNECTION POINTS, FLOOR DRAINS AND HUB DRAINS FOR EQUIPMENT WITH OTHER TRADES.
- ALL FLOOR PENETRATIONS TO BE SEALED WATER TIGHT AND COMPLETELY PACKED WITH FIRE STOP MATERIAL BY TRADE CONTRACTORS.
- 3. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND ARE NOT INTENDED TO SHOW THE EXACT LOCATIONS OF COMPONENTS, NOR SHOW ALL SYSTEM COMPONENTS. CONTRACTOR SHALL PROVIDE ADDITIONAL OFFSETS OR FITTINGS REQUIRED FOR PROPER INSTALLATION, COORDINATION WITH OTHER TRADES, AND/OR TO MAINTAIN PROPER CLEARANCES.
- DRAWINGS ARE NOT TO BE SCALED. DIMENSIONS SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE JOB SITE CONCERNING EXISTING AND NEW WORK BEFORE PROCEEDING WITH EITHER FABRICATION OR INSTALLATION IN MECHANICAL AREAS WITH NUMEROUS OBSTRUCTIONS INCLUDING DUCTWORK, EQUIPMENT AND PIPING. THIS WILL REQUIRE ON SITE CUTTING AND VERIFICATION.
   ANY INFORMATION CONFLICTS BETWEEN THE SPECIFICATIONS AND DRAWINGS
- 5. ANY INFORMATION CONFLICTS BETWEEN THE SPECIFICATIONS AND DRAWINGS
  SHALL BE BROUGHT TO THE ENGINEERS'S ATTENTION. THE CONTRACTOR(S)
  SHALL NOT PROCEED WITH ANY WORK, EXCEPT AT THEIR OWN RISK, UNTIL
  CLARIFICATIONS OF THE CONFLICTS ARE ISSUED TO THE CONTRACTOR(S) BY THE
  ENGINEER.
- CLARIFICATIONS OF THE CONFLICTS ARE ISSUED TO THE CONTRACTOR(S) BY TH ENGINEER.

  6. ALL MATERIAL AND LABOR SHALL BE UNDER WARRANTY FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE BY THE OWNER. ANY NEW DEVICES OR

EQUIPMENT FOUND FAULTY SHALL BE REPLACED AS PART OF THE WARRANTY.

7. A SET OF APPROVED DRAWINGS SHALL BE MAINTAINED ON SITE AND ALL FIELD CHANGES SHALL BE RED LINED ON THE DRAWINGS. CONTRACTOR SHALL

- PREPARE "AS-BUILT" DRAWINGS IN ELECTRONIC (AUTOCAD) FORMAT,
  REFLECTING ACCURATE FIELD CONDITIONS.

  8. ALL PENETRATIONS THROUGH FIRE RESISTANCE RATED CONSTRUCTION SHALL
  BE PROVIDED A UL LISTED THROUGH PENETRATION FIRESTOP ASSEMBLY. THE
- RATINGS OF ALL FIRESTOP ASSEMBLIES SHALL BE GREATER THAN OR EQUAL TO THE RATING OF THE PENETRATED BARRIER.

  9. CORE DRILL PENETRATIONS IN CONCRETE FLOORS OR WALLS 1-2 INCHES
- LARGER THAN THE PIPE DIAMETER OF THE PENETRATING PIPE.

  10. DUCTWORK, PIPING, MECHANICAL EQUIPMENT AND CEILINGS SHALL NOT BE USED AS LADDERS, SCAFFOLDING OR WORK PLATFORMS.
- NO STRUCTURAL MEMBERS SHALL BE CUT, DRILLED, OR BURNED WITHOUT THE KNOWLEDGE AND WRITTEN APPROVAL OF THE OWNER.
   EQUIPMENT, MATERIALS, INSTALLATION WORKMANSHIP, EXAMINATION AND
- TESTING SHALL BE IN ACCORDANCE WITH CURRENT PLUMBING CODE. INSTALL PIPING STRAIGHT AND TRUE TO BEAR EVENLY ON HANGARS AND SUPPORTS. PIPE SHALL NOT INTERFERE WITH OTHER EQUIPMENT AND CONSTRUCTION.
- SHALL NOT INTERFERE WITH OTHER EQUIPMENT AND CONSTRUCTION.

  13. CONTRACTOR SHALL BE RESPONSIBLE FOR AVOIDING ALL CONFLICTS WITH LIGHTING FIXTURES, DIFFUSERS, GRILLES, DUCTS, STRUCTURAL MEMBERS, MECHANICAL EQUIPMENT AND PIPES.
- 14. NO FABRICATION OR INSTALLATION IS ALLOWED WITHOUT APPROVED SHOP DRAWING SUBMITTALS.
  15. CONTRACTOR SHALL SUBMIT SYSTEM CATALOG PRODUCT DATA SHEETS OF ALL
- COMPONENTS PROPOSED FOR USE PRIOR TO INSTALLATION FOR APPROVAL.
  SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL.

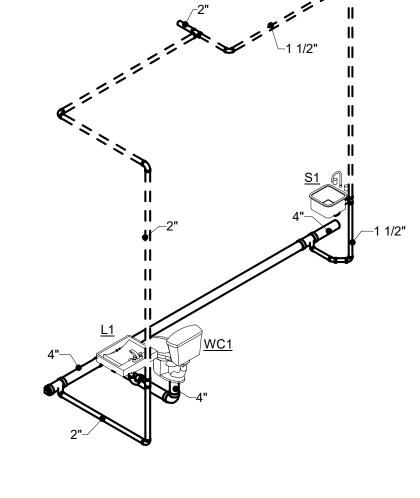
  16. ALL MATERIALS AND EQUIPMENT SHALL BE NEW.
- 17. PIPING SHALL NOT SHARE SUPPORTS WITH OTHER BUILDING SYSTEMS. IN MECHANICAL AREAS, PIPING SHALL NOT BE ATTACHED TO THE DUCT WORK. STANCHIONS SHALL BE USED WHERE PIPING IS UNABLE TO BE HUNG FROM
- ABOVE.

  18. PIPING IN AREAS WITH FINISHED CEILINGS SHALL BE INSTALLED ABOVE FINISHED
- CEILINGS.

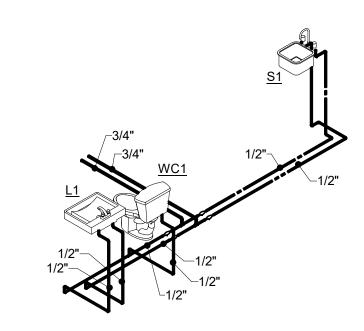
  19. CONTRACTOR SHALL PROVIDE LABELS (WITH FLOW ARROWS) FOR ALL PIPING.

  20. PIPING SHALL NOT BE INSTALLED PASSING THROUGH ELECTRICAL ROOMS OR
- 20. PIPING SHALL NOT BE INSTALLED PASSING THROUGH ELECTRICAL ROOMS OR OVER ELECTRICAL PANELS / EQUIPMENT WHICH SERVES OTHER AREAS.

  COORDINATE THE LOCATION OF ALL PIPING WITH ELECTRICAL EQUIPMENT AND OTHER TRADES AND ADJUST AS NECESSARY.
- 21. MAKE REASONABLE AND NECESSARY MODIFICATIONS IN LAYOUTS AND COMPONENTS NEEDED TO PREVENT CONFLICTS WITH WORK OF OTHER TRADES AND TO COORDINATE IN ACCORDANCE WITH SPECIFICATIONS.
- 22. MAINTAIN MAXIMUM HEADROOM AT ALL LOCATIONS. ALL PIPING TO BE AS TIGHT TO THE UNDERSIDE OF DECK AS POSSIBLE. AL EXPOSED PIPING SHALL BE APPROVED BY ARCHITECT AND SHALL MAINTAIN REQUIRED CLEARANCES.







2 DETAIL DIAGRAM - RISER 1

	PLUMBING FIXTURE SCHEDULE		
TAG	FIXTURE DESCRIPTION	MANUFACTURER	MODEL#
WC1	WATER CLOSET: VITREOUS CHINA, CLOSE-COUPLED TANK, PRESSURE ASSISTED, ELONGATED BOWL, LOW-CONSUMPTION 1.6 GPF, JET FLUSH ACTION, FULLY-GLAZED 2-1/8" TRAPWAY, 10"x12" WATER, SURFACE AREA, MEETS ASME FLUSH REQUIREMENTS AT 1.6 GPF.	AMERICAN STANDARD	2462.016
WCI	SEAT: HEAVY WEIGHT AND INJECTION-MOLDED OF SOLID PLASTIC, OPEN FRONT LESS COVER FOR ELONGATED BOWL AND FEATURE EXCLUSIVE, FOUR LARGE MOLDED-IN BUMPERS, CONCEALED CHECK HINGES WITH STAINLESS STEEL POSTS.	CHURCH	295CT
	LAVATORY: 20-1/2" X 18-1/4", VITREOUS CHINA, WALL HUNG, FRONT OVERFLOW, SELF-DRAINING DECK AREA WITH CONTOURED BACK AND SIDE SPLASH SHIELDS, FAUCET LEDGE, FAUCET HOLES ON 4" CENTERS, CONCEALED ARMS SUPPORT.	AMERICAN STANDARD	0355.012
	FAUCET: DECK MOUNTED FAUCET WITH 8" INTEGRAL SPOUT, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, 0.5 GPM PRESSURE COMPENSATING AERATOR OUTLET, LEVER HANDLES, SECURED COLOR CODED INDEX BUTTONS, 4" CENTERS.	CHICAGO	802-XKABCP
L1	TRIM: SUPPLY PIPE WITH LOOSE KEY STOPS. CAST BRASS P-TRAP WITH CLEAN-OUT. DRAIN WITH CHROME PLATED CAST BRASS SOLID TOP, OPEN GRID, P.O. PLUG. CHROME PLATED BRASS 17 GAUGE TAILPIECE.	MCGUIRE	165LK, 8902, 149
	THEMOSTATIC MIXING VALVE: LEAD-FREE DESIGN, WAX-FILLED THERMOSTAT, ADJUSTABLE SET POINT WITHIN TEMPERATURE RANGE, UNIVERSAL MOUNTING CAPABILITY, INTEGRAL CHECK VALVES AND STRAINER, ASSE 1070 COMPLIANT. SET TO 110°F.	BRADLEY	S59-4000
	CARRIER: LAVATORY SUPPORT WITH CONCEALED ARMS, RECTANGULAR STEEL UPRIGHTS WITH WELDED FEET, CAST IRON ADJUSTABLE HEADERS, CONCEALED ARMS, STEEL SLEEVE, ALIGNMENT TRUSS AND MOUNTING FASTENERS.	ZURN	SERIES Z1200
	SINK: SINGLE BOWL, #18 GAUGE, TYPE 304 NICKEL BEARING STAINLESS STEEL. UNDERCOUNTER MOUNTED. 1-3/4" VERTICAL AND HORIZONTAL RADIUS. BOWL. FULLY UNDERCOATED TO DAMPEN SOUND AND PREVENT CONDENSATION. 3-1/2" DRAIN OPENING.	ELKAY	ELUH1316
S1	FAUCET: DECK MOUNTED 4" WIDESPREAD FAUCET, POLISHED CHROME PLATED FINISH, SOLID BRASS BODY CONSTRUCTION, 8" SWING SPOUT, 0.5 GPM PRESSURE COMPENSATING AERATOR OUTLET, LEVER HANDLES AND SECURED COLOR CODED INDEX BUTTONS.	CHICAGO	895-L8ABCP
	DRAIN WITH NICKEL PLATED BRASS BODY WITH GRID STRAINER, POLISHED FINISH.	ELKAY	LK18
	TRIM: SUPPLY PIPE WITH LOOSE KEY STOPS. CAST BRASS P-TRAP WITH CLEAN-OUT. P.O. PLUG. CHROME PLATED BRASS 17 GAUGE TAILPIECE.	MCGUIRE	165LK, 8912

	PUMP SCHEDULE											
TAG		ELECTRIC			FEET OF	MANUFACTURER	MODEL#	NOTES				
	VOLT	PHASE	HP	GPM	HEAD	WANDFACTORER	WIODEL #	NOTES				
SE1	120	1	1	20	40	ZOELLER	N270	DUPLEX SYSTEM				
SP1	120	1	1	20	40	ZOELLER	N270	DUPLEX SYSTEM				

WA	TER HAM	MER ARREST	OR SCHEDULE
TAG INLET PIPE SIZE  A 3/4"  B 1"  C 1"  D 1"		FIXTURE UNIT RATING	REMARKS
Α	3/4"	1 - 11	PDI CERTIFIED
В	1"	12 - 32	PDI CERTIFIED
С	1"	33 - 60	PDI CERTIFIED
D	1"	61 - 113	PDI CERTIFIED
E	1"	114 - 154	PDI CERTIFIED
F	1"	155 - 330	PDI CERTIFIED
NOTES:			

1. INSTALL ARRESTOR IN UPRIGHT POSITION BEFORE LAST FLUSH VALVED FIXTURE

AND ON MAIN COLD WATER PIPE HEADER

2. INSTALL SHUT-OFF VALVE BEFORE ARRESTOR.

	PLUMBING FIXTURE ROUGH-IN SCHEDULE										
FIXTURE	WASTE	TRAP	VENT	COLD	НОТ						
WC1	4"	INTEGRAL	2"	1"	NA						
L1	1-1/2"	1-1/4"x1-1/2"	1-1/2"	1/2"	1/2"						
S1	1-1/2"	1-1/2"x1-1/2"	1-1/2"	1/2"	1/2"						

#	DATE	CHANGE DESCRIPTION
<b>'</b>		RENOVATION OF HEARTLAND
		BANK DUBLIN
	4.4	6500 FRANTZ ROAD DUBLIN, OH. 43017



SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664
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DRAWING TITLE:

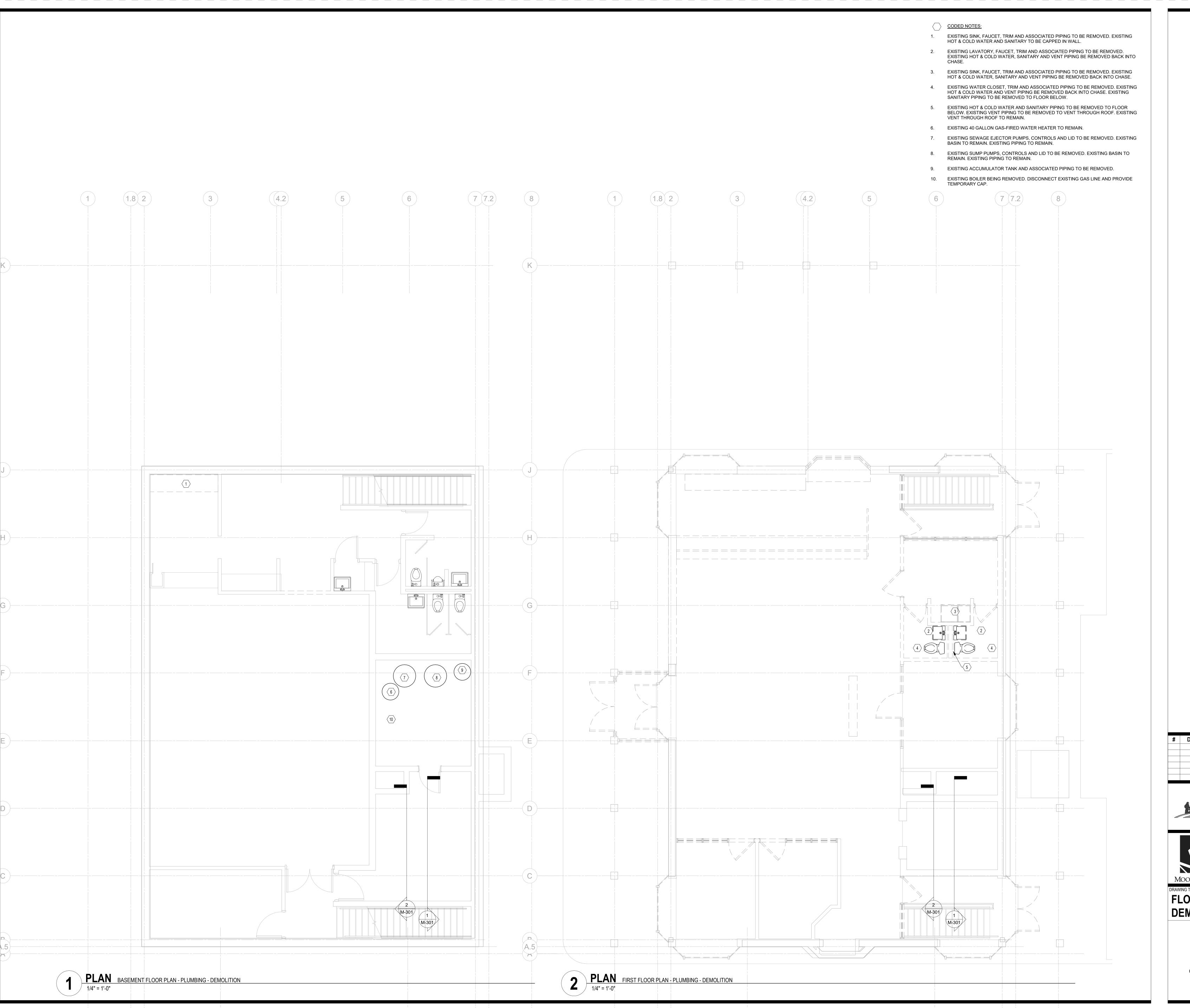
GENERAL INFORMATION -

PLUMBING

11/30/2020

PROGRESS DRAWING NOT FOR CONSTRUCTION DRAWN BY: Author CHECKED BY: Checker 20022

P-001



DATE CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN 6500 FRANTZ ROAD DUBLIN, OH 43017 FOR HEARTLAND BANK



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

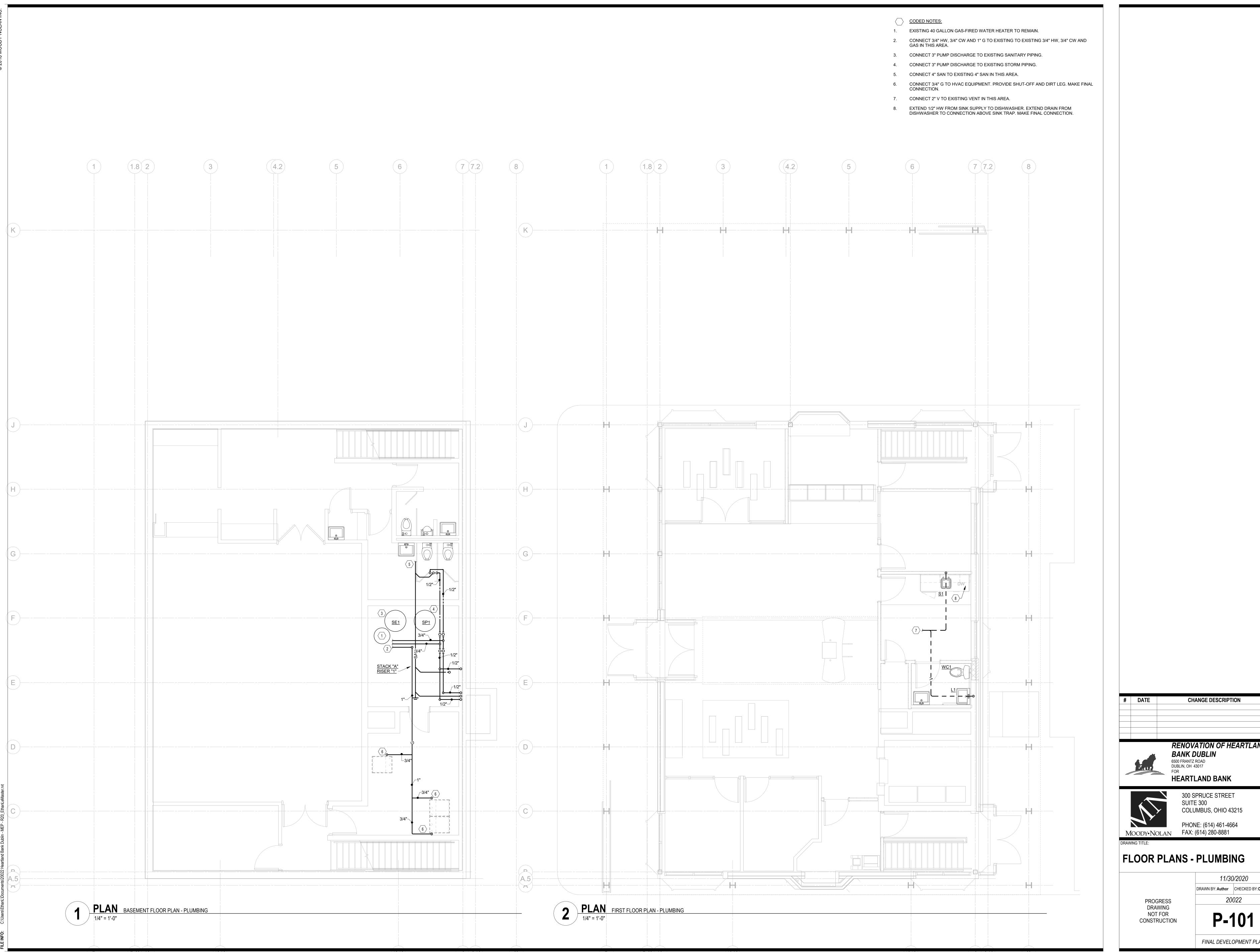
FLOOR PLANS - PLUMBING - DEMOLITION

PROGRESS DRAWING NOT FOR CONSTRUCTION 11/30/2020

DRAWN BY: Author CHECKED BY: Checker

20022

PD101



CHANGE DESCRIPTION RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR



**HEARTLAND BANK** 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

FLOOR PLANS - PLUMBING

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

P-101 FINAL DEVELOPMENT PLAN

NOTE, NOT ALL OVARDOLO MAY DE LIGER	21MR(	DLS LIST	
NOTE: NOT ALL SYMBOLS MAY BE USED.  LINE STYLES		DUCT	rwork
NEW WORK (VISIBLE)		SUPPLY/O.A. DUCT RISE	
NEW WORK (HIDDEN)		(SINGLE LINE)	
EXISTING WORK (VISIBLE)		SUPPLY/O.A. DUCT RISE	
EXISTING WORK (HIDDEN)		(DOUBLE LINE)	
EXISTING TO BE DEMOLISHED		SUPPLY/O.A. DUCT DROP	— OR —
FUTURE — — -		(SINGLE LINE)	
PIPING HEATING WATER SUPPLY	HWS	SUPPLY/O.A. DUCT DROP (DOUBLE LINE)	C) OR C)
HEATING WATER SUPPLY HEATING WATER RETURN			
CHILLED WATER SUPPLY	CWS	RETURN/EXHAUST/RELIEF DUCT RISE (SINGLE LINE)	- OR - O
CHILLED WATER RETURN	CWR	RETURN/EXHAUST/RELIEF DUCT RISE	T7 T7
CONDENSER WATER SUPPLY	CS	(DOUBLE LINE)	
CONDENSER WATER RETURN		RETURN/EXHAUST/RELIEF DUCT	— ¬ OR — ¬
COOLING COIL CONDENSATE	C	DROP (SINGLE LINE)	<u> </u>
REFRIGERANT SUCTION		RETURN/EXHAUST/RELIEF DUCT DROP	OR TO
REFRIGERANT LIQUID		_ (DOUBLE LINE)	
HIGH PRESSURE STEAM CONDENSATE	——————————————————————————————————————	FLAT OVAL	OR (
HIGH PRESSURE STEAM CONDENSATE LOW PRESSURE STEAM	——————————————————————————————————————	- (DROP OR RISE)	
LOW PRESSURE STEAM CONDENSATE	LPC	DOUBLE LINE FLEX DUCT	
PUMPED STEAM CONDENSATE	——————————————————————————————————————	SINGLE LINE FLEX DUCT	<b>─</b> ─ <b> </b>
PIPING (FITTINGS, VALVES, AND MIS	SCELLANEOUS)	ACCESS DOOR	OR —
DROP	<del></del> ə		
RISE	<del></del> 0	90 DEGREE FITTING (WITH TURNING VANES)	$\perp \sim$
TEE	<del></del>	TOTALING VILLES	
CAP	<del></del> 3	DIFFUSER	OR   III
REDUCER FLOW ARROW	<b>─</b>	Bill OOLIN	
			WITHOUT FLEX WITH FLEX
PUMP —(		SIDEWALL GRILLE/REGISTER/DIFFUSER	OR
2-WAY CONTROL VALVE		SIDEWALL GRILLE/REGISTER/DIFFUSER	
3-WAY CONTROL VALVE	<b>──</b> \\$		WITHOUT FLEX WITH FLEX
BUTTERFLY VALVE			
BALL VALVE	——————————————————————————————————————	GRILLE/REGISTER	-/ $ $
CHECK VALVE COMBINATION BALANCE/SHUT-OFF VALVE	——————————————————————————————————————		
TRIPLE DUTY VALVE		VOLUME DAMPER	
GATE VALVE	——————————————————————————————————————		(FD)
PLUG VALVE	<del></del>	FIRE DAMPER WITH ACCESS DOOR	
GLOBE VALVE	——————————————————————————————————————		(SD)
PRESSURE RELIEF VALVE	<u> </u>	SMOKE DAMPER WITH ACCESS DOOR	
PRESSURE REDUCING VALVE	<b>&gt;</b>		
STRAINER	<del></del>	COMB. FIRE/SMOKE DAMPER WITH ACCESS DOOR	
DRAIN VALVE WITH HOSE END ADAPTER	<del></del>	ACCESS DOOR	, ABD
UNION	— 	BACKDRAFT DAMPER	
AUTOMATIC AIR VENT	- 早		M
MANUAL AIR VENT		MOTORIZED DAMPER WITH ACCESS DOOR	<del>- T</del>
THERMOMETER	<u>_</u>	AIR FLOW ARROW	<b>→</b>
PRESSURE GAUGE (WITH STOPCOCK)	<u> </u>	THERMOSTAT (MOUNT 48" AFF TO CENTER UNO)	•
PRESSURE/TEMPERATURE TEST PLUG	<u> </u>	HUMIDISTAT	•
FLOW SENSOR	<u> </u>	(MOUNT 48" AFF TO CENTER UNO)	$\oplus$
PRESSURE SENSOR	<u> </u>	MISCELLANEOUS SENSOR	<b>S</b>
TEMPERATURE SENSOR	<u>—— Ф</u>	CO SENSOR	©
STEAM TRAP	—— <u>II</u>		-
METER	——————————————————————————————————————	CO SENSOR	<u></u>
FLEXIBLE CONNECTION	<del></del>	CONNECT TO EXISTING	<b>⊕</b>
HEAT TRACED PIPE	<del></del>		
PIPE ANCHOR PIPE GUIDE	——————————————————————————————————————	TERMINAL BOX	OR III
1 11 E OOIDE	<del></del>	Ī	

- A. THESE NOTES APPLY TO ALL DIVISION 23 DRAWINGS.
- B. ALL HVAC WORK SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE, AND NATIONAL CODES.
- C. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, FEES, AND PERMITS FOR A COMPLETE INSTALLATION. CONTRACTOR SHALL COMPLY WITH ALL GENERAL CONDITIONS LISTED ON THE ARCHITECTURAL DRAWINGS.
- D. IN CASE OF DIFFERENCE BETWEEN BUILDING CODES, SPECIFICATIONS, INDUSTRY STANDARDS, UTILITY COMPANY REGULATIONS, FIRE INSURANCE CARRIER'S REQUIREMENTS, AND CONTRACT DOCUMENTS, THE MOST STRINGENT SHALL GOVERN. PROMPTLY NOTIFY THE ENGINEER IN WRITING OF ANY SUCH DIFFERENCE.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE FUNCTIONALITY OF THE HVAC SYSTEM INCLUDING ELECTRICAL AND CONTROL ITEMS ASSOCIATED WITH THE MECHANICAL EQUIPMENT.
- F. THE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED TO DETERMINE EXACT LOCATION OF MECHANICAL, PLUMBING, AND EQUIPMENT. DRAWINGS ARE BASED ON "AS-BUILT" DRAWINGS AND LIMITED FIELD OBSERVATIONS. FOR PURPOSES OF CLEARNESS AND LEGIBILITY, SIZE AND LOCATION OF EQUIPMENT ARE SHOWN TO SCALE WHEREVER POSSIBLE.
- G. IN THE EVENT OF A CONFLICT OCCURS BETWEEN THE REQUIREMENTS OF THE CONTRACT DOCUMENTS AND THE ACTUAL FIELD CONDITIONS THE CONTRACTOR SHALL ADVISE ENGINEER IN WRITING PRIOR TO PROCEEDING WITH WORK. THE CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH RESTOCKING, RELOCATING OF EQUIPMENT, SYSTEMS, PIPING, ETC. FROM FAILURE TO PROPERLY COORDINATE INSTALLATION AND NOT ADVISING IN WRITING OF CONFLICT PRIOR TO PURCHASE AND/OR INSTALLATION.
- H. NOT ALL EXISTING SYSTEMS ARE SHOWN TO AID DRAWING INTERPRETATION AND CLARITY.
- I. CONTRACTOR IS TO MAINTAIN RECORDED "AS-BUILT" INFORMATION ON ALL EXISTING SERVICES UNCOVERED DURING CONSTRUCTION AND ALL NEW SERVICES BEING INSTALLED. "AS-BUILT" DRAWINGS SHALL BE MAINTAINED IN THE FIELD. THE "AS-BUILTS" SHALL CAPTURE INFORMATION ON A CLEARLY MARKED IN COLOR PRINTED COPY OF CONTRACT DRAWING. RECORDED INFORMATION SHALL INCLUDE ROUTING AND INVERT ELEVATIONS. AT THE COMPLETION OF THE CONTRACT, THE CONTRACTOR SHALL PROVIDE ELECTRONIC (PDF FORMAT) OF RECORDED
- J. THE CONTRACTOR SHALL BE RESPONSIBLE FOR START-UP OF ALL EQUIPMENT AND SYSTEMS INSTALLED, MODIFIED, OR REVISED BY THIS WORK PER MANUFACTURER'S REQUIREMENTS AND/OR CONTRACT DOCUMENTS.
- K. AT THE END OF CONSTRUCTION, CONTRACTOR SHALL PERFORM A COMPLETE AIR BALANCE FOR ALL EQUIPMENT AND SYSTEMS SHOWN. SCHEDULED OR OTHERWISE IDENTIFIED. CONTRACTOR SHALL INCLUDE TIME IN CONSTRUCTION SCHEDULE TO FULLY TEST AND BALANCE SYSTEMS PRIOR TO OWNER OCCUPANCY TO ASSURE ADJUSTMENTS CAN BE MADE TO MITIGATE COMFORT ISSUES FOR OCCUPANTS POST
- L. UPON COMPLETION OF HVAC SYSTEMS, THE MECHANICAL CONTRACTOR SHALL INSTRUCT THE OWNER IN THE COMPLETE OPERATION OF THE
- M. PRIOR TO AND DURING CONSTRUCTION, CONTRACTOR SHALL FULLY PROTECT THE AIR HANDLING AND DUCTWORK SYSTEMS. CONTRACTOR SHALL PROTECT EACH RETURN AIR GRILLE OPENING AND RETURN AIR DUCT WITH MINIMUM MERV 8 FILTER MEDIA. AIR HANDLING EQUIPMENT AND DUCTS COVERED WITH DRYWALL/CONSTRUCTION DUST SHALL BE CLEANED AT CONTRACTOR EXPENSE.
- N. THE CONTRACTOR SHALL ENSURE THAT ALL MECHANICAL EQUIPMENT, DUCTWORK, PIPING, VALVES, AND ACCESS LOCATIONS HAVE CLEARANCES IN ACCORDANCE TO THE DRAWINGS AND THE MANUFACTURER'S REQUIREMENTS FOR FULL ACCESSIBILITY AND OPERATION OF
- O. THE CONTRACTOR SHALL PROVIDE ACCESS PANELS, IN WALLS OR CEILING, OR ACCESS DOORS, IN DUCTWORK, AS INDICATED OR REQUIRED FOR ACCESS TO CONCEALED MECHANICAL EQUIPMENT OR DEVICES.
- P. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND SHALL REPAIR ADJACENT EXISTING AND/OR NEW SURFACES, AREAS, AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF DEMOLITION AND/OR NEW WORK.
- Q. UNLESS OTHERWISE INDICATED, ALL EQUIPMENT SHALL BE PROVIDED WITH A MINIMUM 4 INCH CONCRETE HOUSEKEEPING PAD SIZED TO SUIT
- R. COORDINATE THE LOCATION OF ALL UTILITY CONNECTION POINTS FOR EQUIPMENT WITH OTHER TRADES. COORDINATION INCLUDES ALLOWING PROPER CLEARANCE FOR ELECTRICAL DEVICES FURNISHED WITH EQUIPMENT INCLUDING CONTROLS, DISCONNECTS, VAV
- S. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING DEVICES, INCLUDING CEILING MOUNTED FANS.
- T. COORDINATE CLOSELY WITH OTHER TRADES IN LOCATING AND INSTALLING ALL SYSTEMS ABOVE SUSPENDED CEILINGS. SPECIFICALLY. COORDINATE LAYOUT WITH ELECTRICAL AND PLUMBING CONTRACTORS TO ALLOW SUFFICIENT ROOM FOR RECESSED LIGHT FIXTURES, FIRE SPRINKLER, AND PLUMBING VENTS WHERE APPLICABLE.
- U. ANNULAR SPACE OF PIPE, CONDUIT, DUCT, AND OTHER SIMILAR PENETRATIONS OF FIRE RATED ASSEMBLIES SHALL BE FIRESTOPPED. IN ADDITION, PENETRATIONS THRU 0-HOUR RATED FLOORS SHALL ALSO BE FIRESTOPPED TO RETARD PASSAGE OF FIRE AND SMOKE. REFER TO FIRESTOPPING SPECIFICATION. REFER TO ARCHITECTURAL DRAWINGS FOR CONSTRUCTION, LAYOUT, AND FIRE RATINGS OF FLOORS, WALLS, PARTITIONS, AND OTHER BUILDING ELEMENTS.
- V. ALL EXPOSED WIRING SHALL BE RUN IN CONDUIT, EXCEPT WHEN RUNNING THOUGH FINISHED SPACES THAT HAVE CEILING "CLOUDS".
- W. THE CONTRACTOR SHALL PROVIDE ALL CUTTING, PATCHING, FINISHING, AND PENETRATIONS REQUIRED BY THE INSTALLATIONS. ALL FLOOR PENETRATIONS SHALL BE PATCHED AND SEALED TO BE WATERTIGHT. CUTTING OF BUILDING CONSTRUCTION MATERIALS SHALL CONFORM TO THE CHARACTERISTICS OF THE PARTICULAR MATERIAL INVOLVED AND SHALL NOT CREATE ANY STRUCTURAL WEAKNESS OR UNSIGHTLY APPEARANCE. REFINISH ANY SURFACE DISTURBED UNDER THIS WORK TO MATCH EXISTING, EXCEPT WHERE REFINISHING OF THAT SURFACE IS INCLUDED UNDER THE GENERAL TRADES CONTRACT.
- X. PROVIDE ROOM TEMPERATURE THERMOSTATS FOR ALL UNITS. PREFERRED LOCATIONS ARE SHOWN ON THE PLANS. COORDINATE LOCATION OF THERMOSTATS AND OTHER WALL MOUNTED DEVICES WITH FURNITURE, WALL FRAMING, ELECTRICAL OUTLETS AND DEVICES, AND TECHNOLOGY OUTLETS AND DEVICES PRIOR TO ROUGH-IN. PROVIDE THERMOSTATS WITH ROOM TEMPERATURE INDICATOR AND WITH SET POINT ADJUSTMENT.
- Y. ALL ROOF AND DECK PENETRATIONS SHALL BE COMPLETED DONE BY THE GENERAL TRADES CONTRACTOR. COORDINATE EXACT SIZE AND LOCATION WITH ARCHITECT AND STRUCTURAL ENGINEER.
- Z. COORDINATE EXACT LOCATION OF DIFFUSERS, GRILLES AND REGISTERS WITH AREA SMOKE DETECTORS, LIGHTS, AND ELECTRICAL DEVICES. AIR DEVICES SHALL NOT BE CLOSER THAN 3 FEET FROM AN AREA SMOKE DETECTOR.
- AA. BRANCH DUCT TO DIFFUSERS SHALL BE SAME SIZE AS DIFFUSER NECK UNLESS NOTED OTHERWISE. FLEXIBLE DUCT CONNECTION TO THE DIFFUSER SHALL BE NO MORE THAN 5 FEET IN LENGTH FLEXIBLE DUCT SHALL NOT BE USED FOR ELBOW TO DIFFUSER WITH A FLEXFLOW
- AB. PROVIDE VOLUME DAMPERS AS SHOWN ON THE DRAWINGS, AS REQUIRED BY THE SPECIFICATIONS, AND SHOWN IN TYPICAL DETAILS. LOCATE VOLUME DAMPERS IN ACCESSIBLE LOCATIONS. A VOLUME DAMPER SHALL BE PROVIDED FOR EACH DIFFUSER AND GRILLE IN ORDER TO BALANCE EACH AIR DEVICE INDEPENDENTLY PER SPECIFIED CFM STATED ON DRAWINGS.
- AC. DUCTWORK DIMENSIONS SHOWN ON DRAWINGS ARE INSIDE CLEAR, UNLESS NOTED OTHERWISE.
- AD. PROVIDE STRAIGHT INLET AND OUTLET DUCTS PER THE LENGTH THE EQUIPMENT MANUFACTURER RECOMMENDS. FAN INLETS SHALL BE MINIMUM 3 DUCT DIAMETERS OF STRAIGHT DUCT. INSTALL AND SUPPORT MECHANICAL EQUIPMENT PER MANUFACTURER'S RECOMMENDATIONS. PROVIDE FLEXIBLE CONNECTIONS AND VIBRATION ISOLATION FOR VIBRATING EQUIPMENT UNLESS NOTED OTHERWISE.
- AE. INSTALL AIRFOIL TURNING VANES IN ALL 90 DEGREE ELBOWS EXCEPT TRANSFER DUCTS AND OPEN RETURN AIR BOOTS.

IN THE SPECIFICATIONS FOR THE CONSTRUCTION AND SUPPORT OF DUCTWORK, UNLESS OTHERWISE NOTED

- AF. CONTRACTOR SHALL COMPLY WITH SMACNA "HVAC DUCT CONSTRUCTION AND STANDARDS" AND OTHER APPLICABLE STANDARDS INCLUDED
- AG. ALL DUCTS AND PIPES SHALL BE RUN ABOVE CEILING. WHERE NO CEILINGS ARE INSTALLED, INSTALL AS HIGH AS POSSIBLE TO STRUCTURE UNLESS NOTED OTHERWISE. IN GENERAL, KEEP DUCT AND PIPING MAINS NEXT TO UNDERSIDE OF STRUCTURE.
- AH. CHANGES IN HVAC DUCT AND PIPE ELEVATIONS SHALL BE PROVIDED AND BE COORDINATED WITH OTHER SYSTEMS INCLUDING, BUT NOT LIMITED, TO PLUMBING, FIRE PROTECTION, ELECTRICAL, AND BUILDING ELEMENTS SYSTEMS. OFFSET DUCTS INTO JOIST SPACE FOR WHERE SPACE ABOVE CEILING IS NOT SUFFICIENT FOR DUCTS TO CROSS OTHER DUCTS OR WORK OF OTHER CONTRACTORS.
- AI. DUCTWORK AND PIPING ON DRAWINGS DOES NOT INDICATE ALL REQUIRED OFFSETS AND FITTINGS. INCLUDE THESE OFFSETS AND FITTINGS TO COORDINATE WITH OTHER CONTRACTORS.
- AJ. SECURELY FASTEN ALL PIPING AND DUCTWORK WITHIN STRUCTURES TO THE BUILDING CONSTRUCTION BY MEANS OF HANGERS, SUPPORTS, GUIDES, ANCHORS, AND SWAY BRACES TO MAINTAIN PIPE AND DUCTWORK ALIGNMENT, TO PREVENT SAGGING, AND TO PREVENT NOISE AND EXCESSIVE STRAIN ON PIPING AND DUCTWORK DUE TO MOVEMENT UNDER OPERATING CONDITIONS. SUPPORTS FOR ALL PIPING AND DUCTWORK SHALL BE IN ACCORDANCE WITH LATEST ANSI AND SMACNA STANDARDS.

- AK. CONTRACTOR SHALL PROTECT THE PIPING AND DUCTWORK TO PREVENT ENTRY OF DIRT AND ANY OTHER FOREIGN MATERIAL DURING THE
- AL. COLOR CODE AND LABEL PIPING AND DUCTWORK IN ACCORDANCE WITH SPECIFICATIONS.
- AM. PROVIDE FLEXIBLE CONNECTIONS FOR ALL VIBRATING EQUIPMENT.

ACCESS SPACE AT EQUIPMENT.

- AN. INSTALL ALL PIPING IN LOCATIONS AND ELEVATIONS SUCH THAT COILS, TUBES, AND FILTERS CAN BE REMOVED AND REPLACED WITHOUT MAJOR PIPING REMOVAL. LOCATE VALVES IN APPROPRIATE PLACES TO ACCOMMODATE MAINTENANCE. MAINTAIN REQUIRED SERVICE
- AO. ARRANGE ALL PIPING WITHIN STRUCTURES NEATLY ALONG WALLS AND/OR IN NEAT, HORIZONTAL GROUPS AND MAINTAIN REQUIRED SLOPES.
- AP. PROVIDE A HANGER NOT MORE THAN 12 INCHES FROM THE POINT OF CHANGE OF DIRECTION OF A PIPE RUN IN BOTH HORIZONTAL AND
- AQ. ALL WORK, EQUIPMENT AND MATERIALS SHALL BE PROTECTED AT ALL TIMES. ALL DUCT AND PIPE OPENING SHALL BE PROPERLY CAPPED OR PLUGGED DURING INSTALLATION.
- AR. DEMOLITION OF ANY ITEM SHALL INCLUDE ALL ASSOCIATED ITEMS THIS INCLUDES, BUT IS NOT LIMITED TO: SUPPORTS, HANGERS, PADS, FASTENERS, INSERTS, SLEEVES, STRAPS, ATTACHMENTS, LEVELERS, AND ALL OTHER ITEMS FOR A COMPLETE DEMOLITION OF THE ITEM.
- AS. ALL EQUIPMENT TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL LAWS,
- ORDINANCES, RULES AND REGULATIONS.
- AT. ALL EQUIPMENT TO BE REUSED OR RETURNED TO THE OWNER SHALL BE REMOVED SO AS TO NOT DAMAGE THE EQUIPMENT, MATERIAL OR AFFECT ITS REUSE. IF ANY EQUIPMENT OR MATERIAL IS DAMAGED BY THE CONTRACTOR, IT SHALL BE REPLACED BY THE CONTRACTOR, WITH

CHANGE DESCRIPTION RENOVATION OF HEARTLAND

> 6500 FRANTZ ROAD DUBLIN, OH 43017



**HEARTLAND BANK** 300 SPRUCE STREET

SUITE 300 COLUMBUS, OHIO 43215 PHONE: (614) 461-4664 FAX: (614) 280-8881

MOODY•NOLAN **GENERAL INFORMATION -**

**MECHANICAL** DRAWN BY: Author CHECKED BY: Checker

**PROGRESS** 

FINAL DEVELOPMENT PLAN

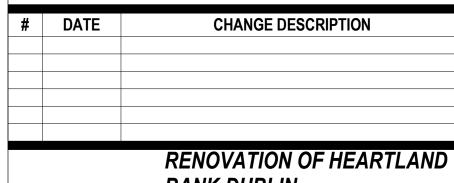
M-001

11/30/2020

20022

DRAWING NOT FOR CONSTRUCTION

- DEMOLISH EXISTING BOILER, ASSOCIATED PIPING, IN-LINE PUMP, EXPANSION TANK AND ALL APPURTENANCES COMPLETE.
- 2. DEMOLISH 6' H X 3' W OUTSIDE AIR LOUVER, DAMPER, AND ASSOCIATED DUCTWORK. DEMOLISH EXISTING FAN COIL UNITS, SUPPORTS, AND ALL APPURTENANCES
- EXISTING TWINNED-FURNACES AND ASSOCIATED EVAPORATOR COILS TO BE REMOVED AND SALVAGED. RETURN TO OWNER.
- 5. DEMOLISH EXISTING RESTROOM CABINET EXHAUST FAN.
- EXISTING AIR DEVICE TO REMAIN.
- DEMOLISH EXISTING AIR DEVICE.
- 11. DEMOLISH REFRIGERANT PIPING, SUPPORTS, AND ALL APPURTENANCES COMPLETE.





BANK DUBLIN 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 300 SPRUCE STREET



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DRAWING TITLE:

FLOOR PLANS - MECHANICAL -**DEMOLITION** 11/30/2020

PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: Author CHECKED BY: Checker 20022 **MD101** 

DEMOLISH ABOVE AND BELOW GRADE REFRIGERANT PIPING, SUPPORTS, AND ALL APPURTENANCES COMPLETE.

2. REMOVE EXISTING CONDENSING UNIT AND SALVAGE. RETURN TO OWNER. DEMOLISH EXISTING ASSOCIATED CONCRETE PAD.

3. DEMOLISH EXISTING CONCRETE PAD COMPLETE.

4. REFER TO SHEET MD101 FOR CONTINUATION.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

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DRAWING TITLE:

**ENLARGED PLANS -**

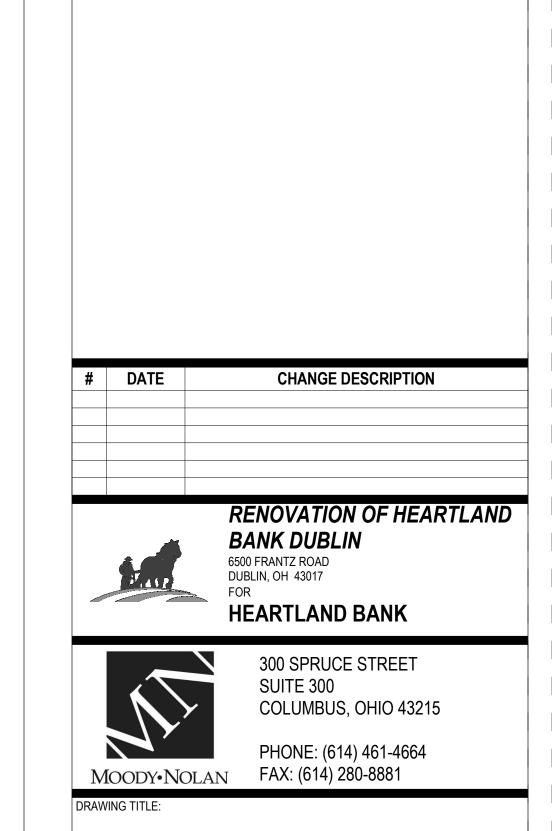
**MECHANICAL - DEMOLITION** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: Author CHECKED BY: Checker 20022 **MD401** 

11/30/2020

- PROVIDE GAS-FIRED FURNACE AND EVAPORATOR COIL. PROVIDE EQUIPMENT PAD. REFER TO SCHEDULE SHEET FOR MORE INFORMATION. REFER TO DETAILS 4/M-501
- PROVIDE RESTROOM CABINET EXHAUST FAN. REFER TO SCHEDULE SHEET FOR MORE INFORMATION.
- 3. REBALANCE RELOCATED/EXISTING AIR DEVICE TO INDICATED CFM.
- PROVIDE CEILING RECESSED ELECTRIC UNIT HEATER. REFER TO SCHEDULE SHEET FOR MORE INFORMATION.
- TERMINATE EXHAUST WITH PITCHED ROOF WALL CAP WITH 10"Ø EXTENSION EQUAL
- TO FAMCO BK10X.
- PROVIDED VAV DIFFUSER. REFER TO SCHEDULE SHEET FOR MORE INFORMATION. REFER TO SHEET M-701 FOR CONTROL INFORMATION.
- 7. PROVIDE INTAKE AIR LOUVER <u>L-1</u>. PROVIDE SHEET METAL BLANK-OFF PANEL FOR REMAINING WALL OPENING. REFER TO SCHEDULE SHEET FOR MORE INFORMATION.
- 9. TERMINATE EXHAUST DUCT THROUGH ROOF WITH PITCHED ROOF CAP. REFER TO



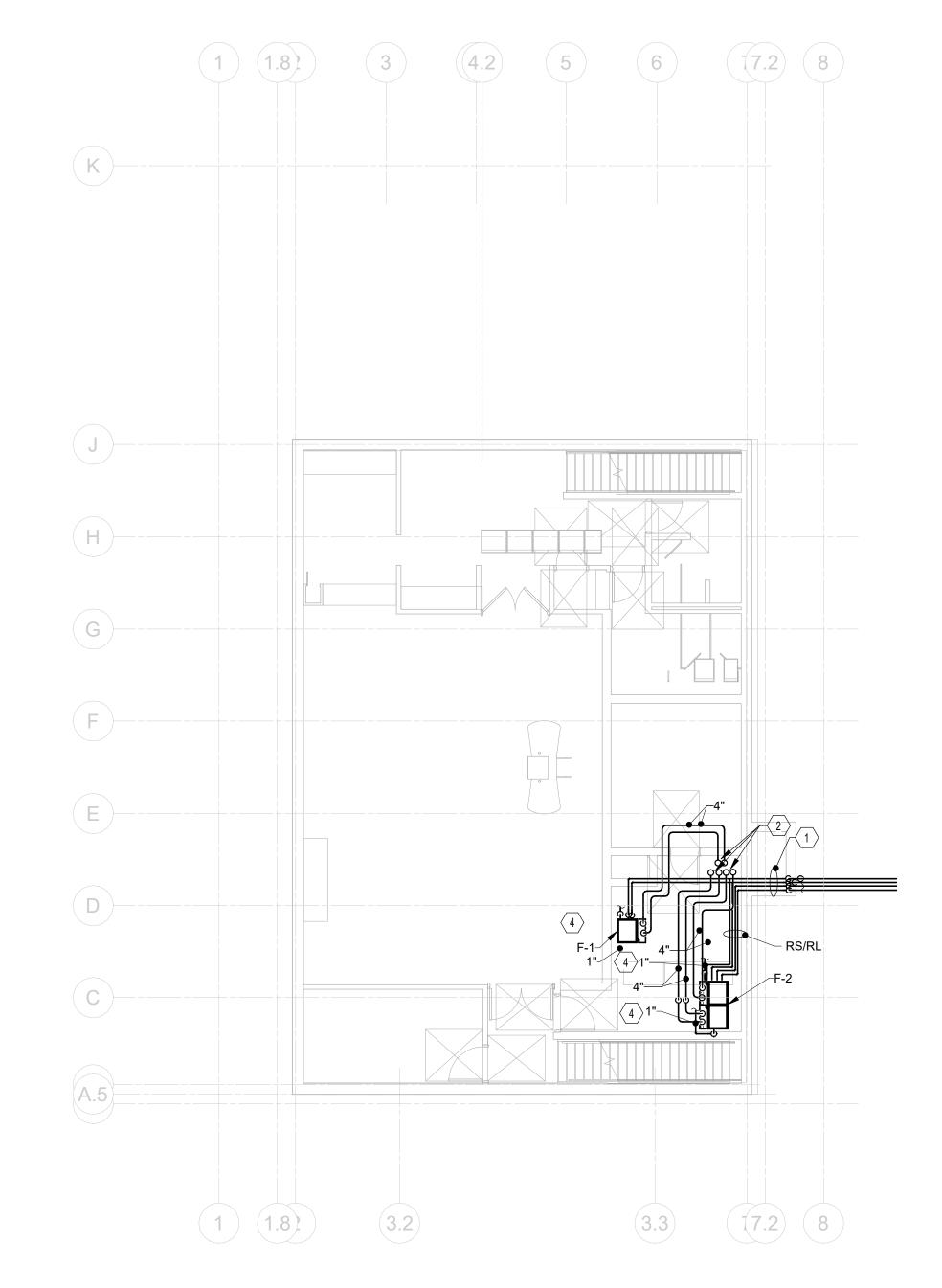
FLOOR PLANS - HVAC

PROGRESS DRAWING NOT FOR CONSTRUCTION

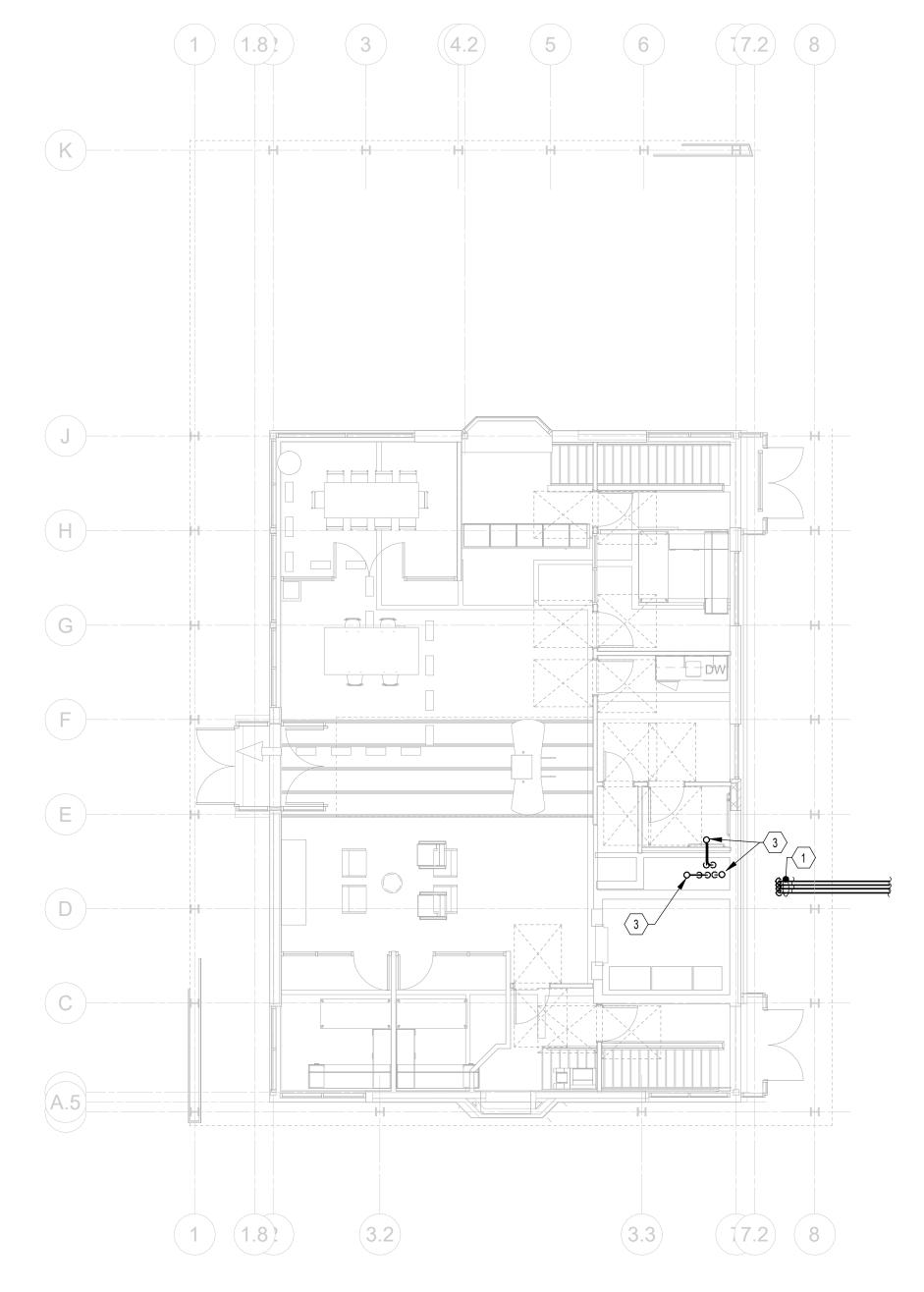
DRAWN BY: Author CHECKED BY: Checker 20022 M-101

11/30/2020

- CODED NOTES:
- 1. ROUTE REFRIGERANT PIPING FROM INDOOR EVAPORATOR COILS TO AIR-COOLED CONDENSING UNIT. REFRIGERANT PIPING SHALL ROUTE THROUGH INSULATED BLANK OFF PANEL AND INTO EXISTING AREAWELL. SEAL PENETRATIONS THROUGH BLANK OFF PANEL WATERTIGHT. INSTALL PER MANUFACTURERS RECOMMENDATIONS. REFER TO SHEET M-401 FOR CONTINUATION.
- 2. ROUTE COMBUSTION AIR INTAKE/VENT PIPING UP THROUGH EXISTING CHASE.
- TERMINATE COMBUSTION AIR INTAKE/VENT PIPING THROUGH ROOF WITH 4" CONCENTRIC VENT KIT. INSTALL PER MANUFACTURERS RECOMMENDATIONS. REFER TO DETAILS 2/M-502 AND 7/M-502.
- 4. ROUTE 1" CONDENSATE PIPE TO NEAREST FLOOR DRAIN.



1 PLAN BASEMENT FLOOR PLAN - HVAC PIPING
1/8" = 1'-0"



PLAN FIRST FLOOR PLAN - HVAC PIPING
1/8" = 1'-0"

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND
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FOR
HEARTLAND BANK



SUITE 300 COLUMBUS, OHIO 43215

FLOOR PLANS - HVAC PIPING

DRAWN BY: Author CHECKED BY: Checker

20022 **M-201** FINAL DEVELOPMENT PLAN

11/30/2020

PROGRESS DRAWING NOT FOR CONSTRUCTION

ROUTE REFRIGERANT PIPING FROM INDOOR EVAPORATOR COILS TO AIR-COOLED CONDENSING UNIT. REFER TO SHEET M-201 FOR CONTINUATION.

ROUTE COMBUSTION AIR INTAKE/VENT PIPING TO EXISTING CHASE. REFER TO M-201 FOR CONTINUATION.

3. ROUTE 1" CONDENSATE PIPE TO NEAREST FLOOR DRAIN.

4. PROVIDE 120V MOTORIZED OUTSIDE AIR DAMPER.

5. REFER TO DETAIL 5/M-501 FOR TWINNED FURNACE CONFIGURATION.

6. REFER TO DETAIL 4/M-501 FOR FURNACE CONFIGURATION.

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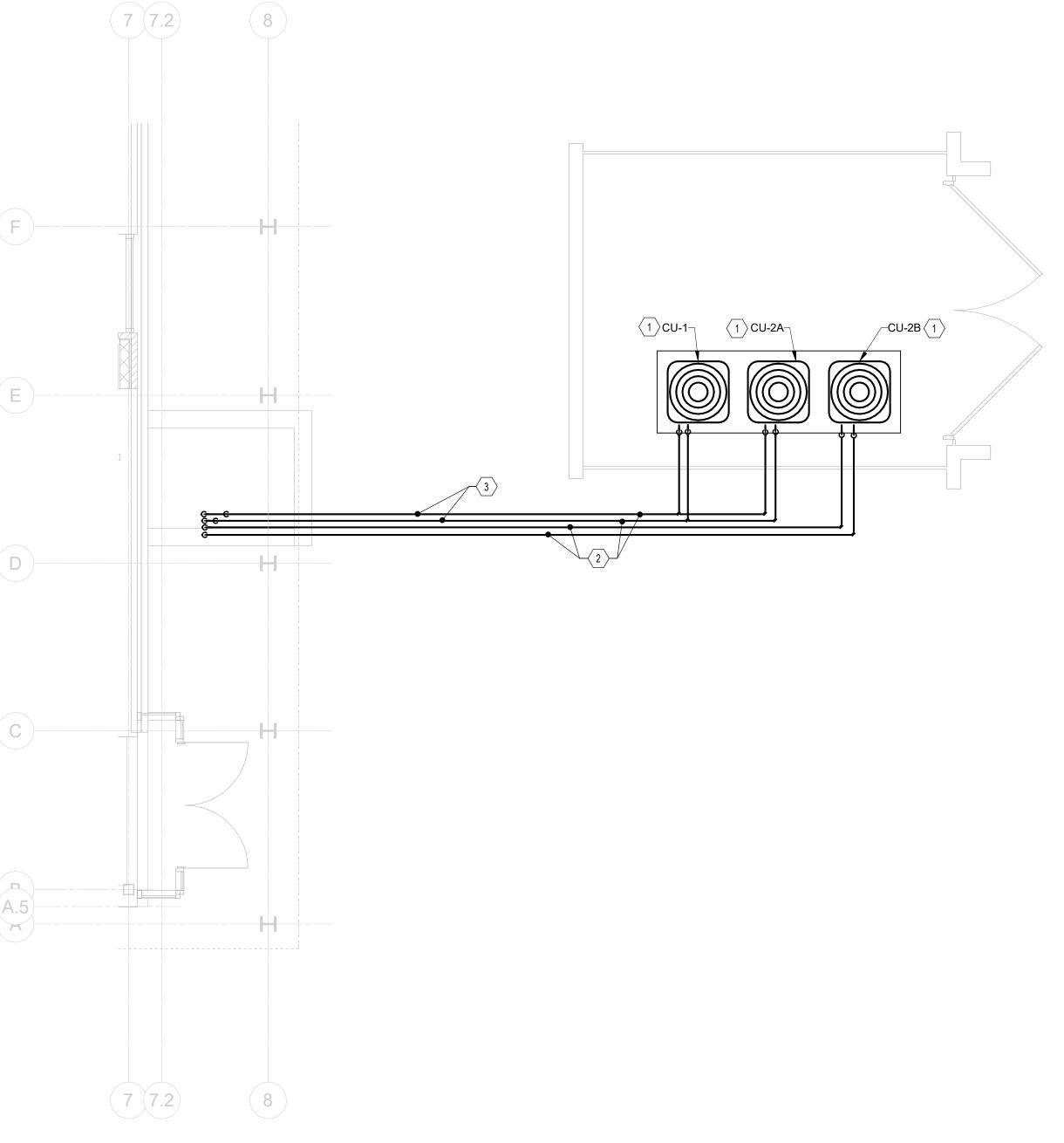
DRAWING TITLE:

**SECTIONS - MECHANICAL** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

M-301 FINAL DEVELOPMENT PLAN



- PROVIDE AIR-COOLED CONDENSING UNIT IN MECHANICAL YARD. PROVIDE EXTERIOR EQUIPMENT PAD. REFER TO SCHEDULE SHEET FOR MORE INFORMATION. REFER TO DETAIL 6/M-502.
- ROUTE REFRIGERANT PIPING FROM AIR-COOLED CONDENSING UNIT TO INDOOR EVAPORATOR COILS. INSTALL PER MANUFACTURERS RECOMMENDATIONS. PROVIDE TRENCHING AND EXCAVATION FOR INSTALLATION.
- 3. TWO SETS OF REFRIGERANT PIPING STACKED.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
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DUBLIN, OH 43017
FOR
HEARTLAND BANK



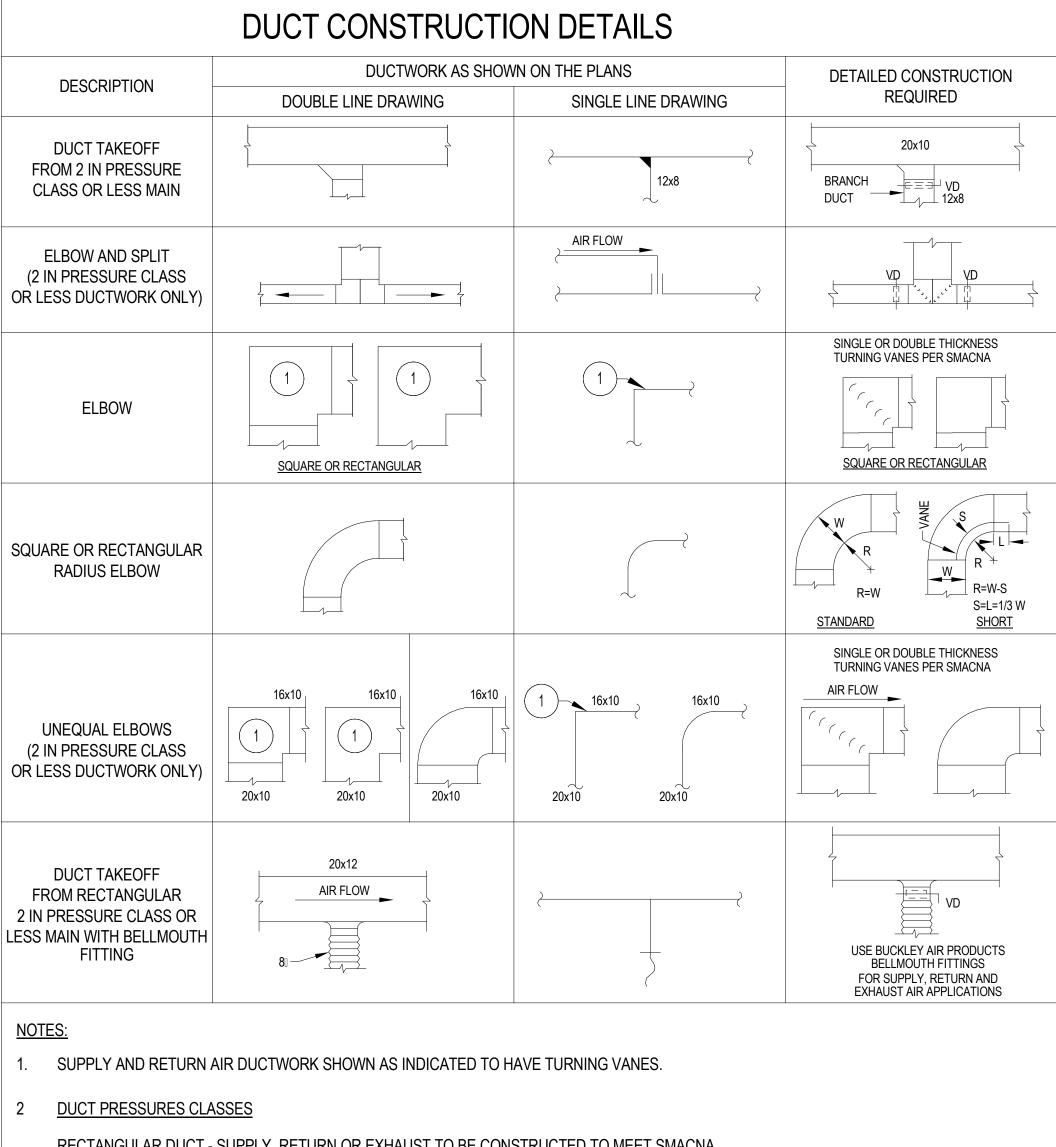
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DRAWING TITLE:

**ENLARGED PLANS -**MECHANICAL

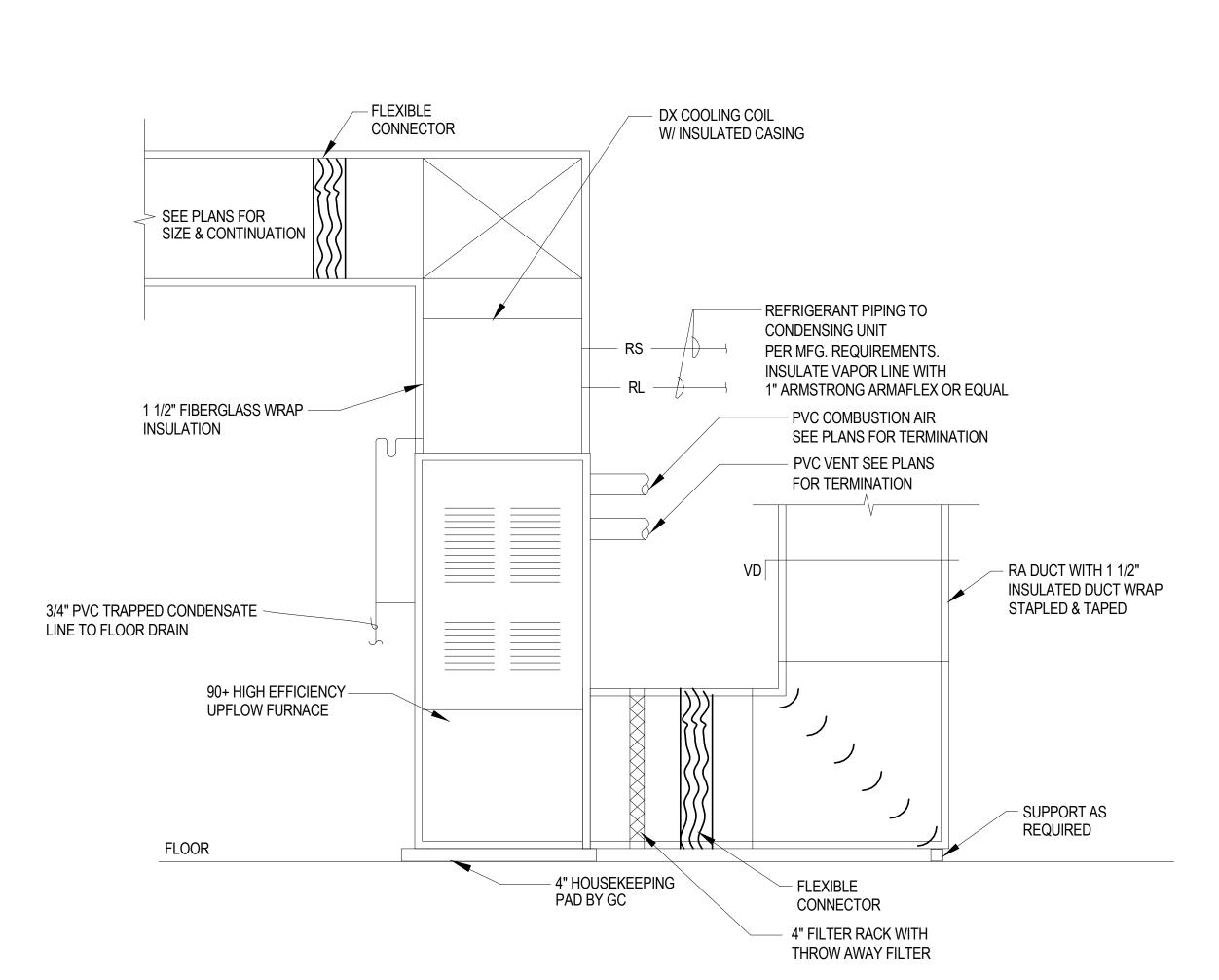
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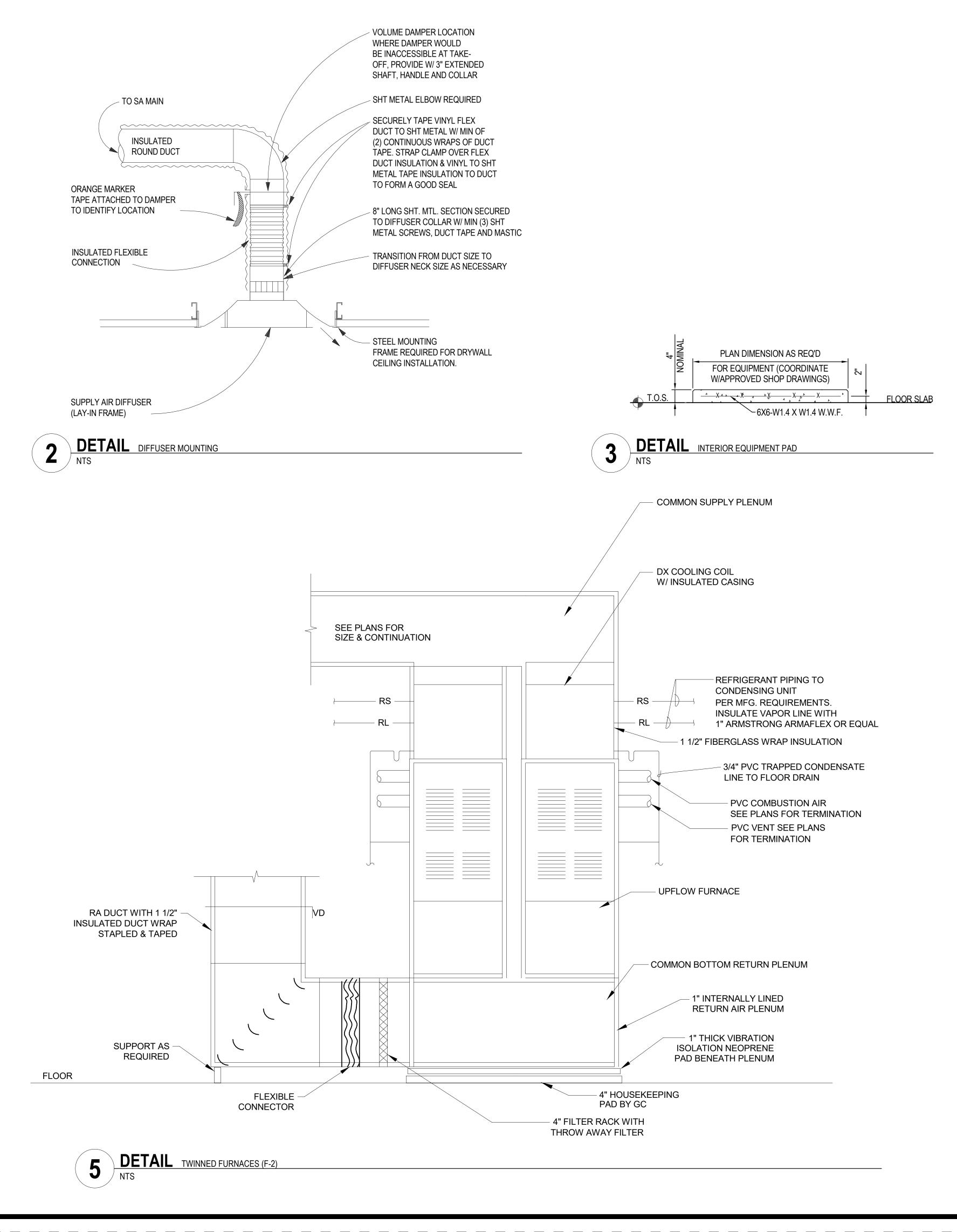


RECTANGULAR DUCT - SUPPLY, RETURN OR EXHAUST TO BE CONSTRUCTED TO MEET SMACNA STANDARDS FOR 2" WG PRESSURE.

3. FROM 0 - 35° USE 2 GORE FITTINGS, 35 - 71° USE 3 GORE FITTINGS, 72 - 90° USE 5 GORE FITTINGS. FOR ELBOWS WHICH EXCEED 90°, ADD ONE GORE FOR EACH ADDITIONAL 18° FOR FITTING CONSTRUCTION. NOTE: 90° ELBOW DEPICTED REQUIRES 5 GORE FITTING CONSTRUCTION.







**CHANGE DESCRIPTION** # DATE RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD



DUBLIN, OH 43017 **HEARTLAND BANK** 300 SPRUCE STREET



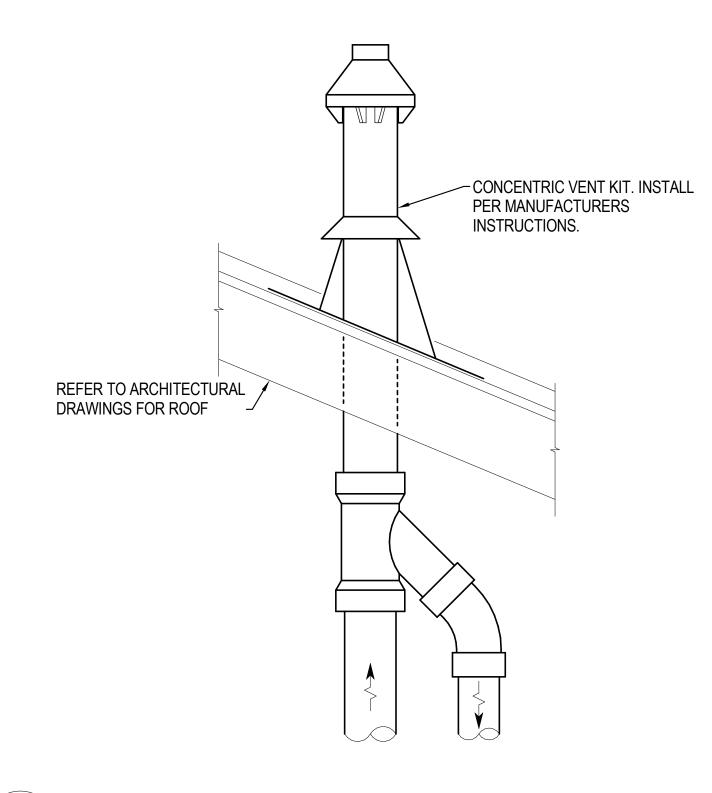
SUITE 300 COLUMBUS, OHIO 43215

**DETAILS - MECHANICAL** 

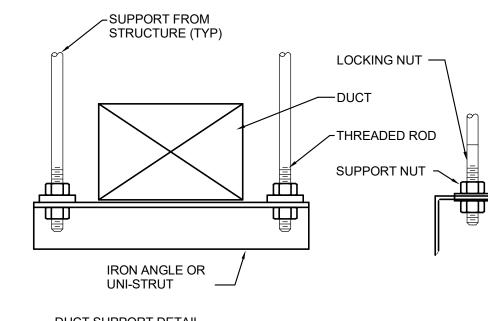
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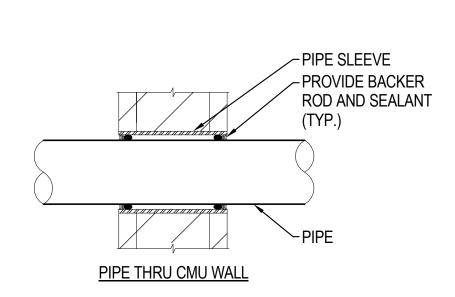
1 DETAIL DETAIL - CEILING MOUNTED EXHAUST FAN



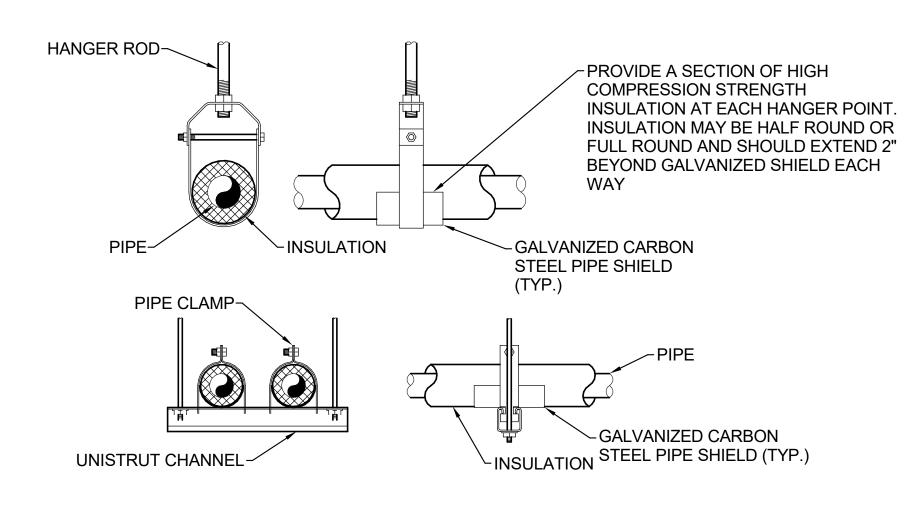
2 DETAIL DETAIL - FURNACE VENTING
NTS



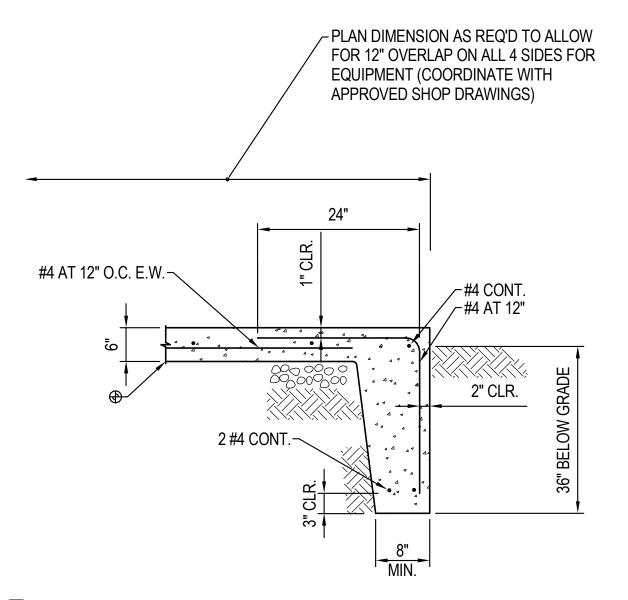
3 DETAIL DETAIL - TYPICAL DUCT SUPPORT NTS



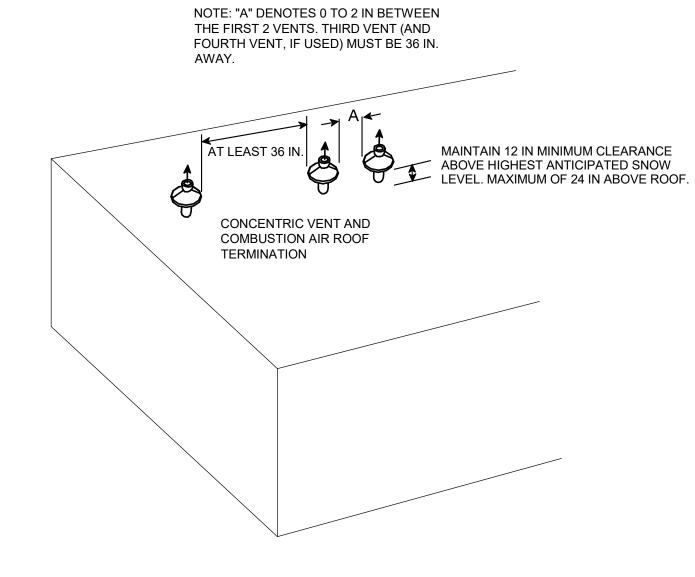
4 DETAIL DETAIL - TYPICAL WALL PENETRATION NTS



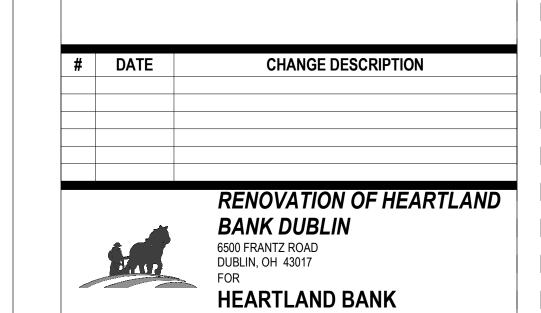
5 DETAIL DETAIL - TYPICAL PIPE HANGER
NTS



6 DETAIL DETAIL - EXTERIOR CONCRETE PAD NTS



7 DETAIL DETAIL - CONCENTRIC VENT CLEARANCES
NTS





300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

DETAILS MECHANIC

## **DETAILS - MECHANICAL**

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M-502

### SEQUENCE OF OPERATIONS

SPLIT SYSTEM SEQUENCE

THERE ARE 2 SPLIT SYSTEM SERVING THE BUILDING. EACH SPLIT SYSTEM CONSISTS OF AN INDOOR FURNACE UNIT WITH EVAPORATOR COIL (F-1 THRU F-2) AND AN OUTDOOR CONDENSING UNIT (CU-1, CU-2A, CU-2B).

THE INDOOR FURNACE FAN SPEED SHALL BE CONTROLLED BY THE SPLIT- SYSTEM CONTROLLER'S BUILT-IN CONTROL SYSTEM. AT ANY TIME THE BUILDING IS IN OCCUPIED MODE, THE OUTDOOR AIR DAMPER SHALL OPEN AND THE FAN SHALL OPERATE CONTINUOUSLY.

EACH SPLIT-SYSTEM SHALL CYCLE ITS REFRIGERANT CIRCUIT IN HEATING OR COOLING MODE DEPENDENT UPON SPACE DEMAND FROM THE ZONE SPACE THERMOSTAT TO MAINTAIN SETPOINT (HEATING: 70 DEGREES, ADJUSTABLE; COOLING: 75 DEGREES, ADJUSTABLE).

IF A ZONE FURNACE IS OPERATING IN THE HEATING MODE, THE GAS FURNACE SHALL BE ENABLED AND THE OUTDOOR CONDENSING UNIT SHALL SHUT DOWN. THE GAS FURNACE SHALL MODULATE ITS BURNER DEPENDENT UPON SPACE DEMAND FROM THE ZONE SPACE THERMOSTAT TO MAINTAIN SETPOINT (70 DEGREES, ADJUSTABLE).

THE SPLIT-SYSTEM FACTORY CONTROLLER SHALL OPERATE ON ITS OWN CONTROLS AND SAFETIES. UPON ACTIVATION OF A DUCT MOUNTED SMOKE DETECTOR, THE UNIT SHALL SHUT DOWN. ELECTRIC UNIT HEATER SEQUENCE

RECESSED CEILING MOUNTED ELECTRIC UNIT HEATERS (EUH-1,2,3) SERVE THE VESTIBULE AND STAIRWELL SPACES IN THE BUILDING.

ELECTRIC UNIT HEATER SHALL ACTIVATE UPON A SIGNAL FROM ITS INTEGRAL THERMOSTAT WHEN THE SPACE TEMPERATURE DROPS BELOW SETPOINT (70 DEGREES, ADJUSTABLE).

## JANITOR CLOSET EXHAUST FAN SEQUENCE

EXHAUST FAN EF-3 SHALL RUN CONTINUOUSLY.

## RESTROOM EXHAUST FAN SEQUENCE (EF-1,2,4)

EXHAUST FANS EF-1,2, AND 4 SHALL BE TIED INTO THE LIGHT SWITCH. UPON ACTIVATION OF THE LIGHT SWITCH, THE FAN SHALL RUN.

## VAV ZONE DIFFUSER SEQUENCE

THE VAV ZONE DIFFUSERS SHALL BE CONTROLLED BY A REMOTE THERMOSTAT. CONFERENCE ROOM 103 INCLUDES A MASTER VAV DIFFUSER AND DRONE VAV DIFFUSER. ALL OTHER SPACES WITH ZONE DIFFUSERS ONLY CONSIST OF A MASTER VAV ZONE DIFFUSER.

THE VAV ZONE DIFFUSER(S) SHALL BE CONTROLLED BY A DIFFUSER MOUNTED TEMPERATURE SENSOR IN COOLING MODE. A WALL MOUNTED ASSEMBLY WILL PROVIDE SET-POINT ADJUSTMENT.

THE VAV ZONE DIFFUSER(S) SHALL BE NORMALLY FULLY OPEN. UPON A DROP IN SPACE TEMPERATURE BELOW THE COOLING SETPOINT (75°F SUMMER (ADJ.)) THE DAMPER(S) SHALL MODULATE CLOSED UNTIL THE SPACE TEMPERATURE IS SATISFIED. UPON A RISE IN SPACE TEMPERATURE ABOVE THE COOLING SETPOINT (75°F SUMMER (ADJ.), THE DAMPER(S) SHALL MODULATE OPEN UNTIL THE SPACE TEMPERATURE IS SATISFIED.

THE VAV ZONE DIFFUSER(S) SHALL BE CONTROLLED BY A WALL MOUNTED ASSEMBLY IN HEATING MODE AND SHALL PROVIDE SET-POINT ADJUSTMENT.

THE VAV ZONE DIFFUSER(S) SHALL BE NORMALLY FULLY OPEN. UPON A RISE IN SPACE TEMPERATURE ABOVE THE HEATING SETPOINT (70°F (ADJ.)) THE DAMPER(S) SHALL MODULATE CLOSED UNTIL THE SPACE TEMPERATURE IS SATISFIED. UPON A DROP IN SPACE TEMPERATURE BELOW THE HEATING SETPOINT (70°F (ADJ.), THE DAMPER(S) SHALL MODULATE OPEN UNTIL THE SPACE TEMPERATURE IS SATISFIED.

FC -FOF	FC -FORWARD CURVE FANS													
TAC	LOCATION	CEDVICE	FAN	WHEEL		RPM	ESP	MOTOR			MAX	MANUFACTURER	WEIGHT	DEMARKS
TAG	LOCATION	SERVICE	TYPE	TYPE	CFM	RPIVI	(IN WC)	WATTS	PH	VOLT	SONES	AND MODEL	(LBS)	REMARKS
EF-1,2	RESTROOMS	EXHAUST	CENTRIFUGAL	FC	100	784	0.5	24	1	115	3.5	GREENHECK SP-A390-VG	32	PROVIDE WITH DISCONNECT SWITCH, GRAVITY BACKDRAFT DAMPER, ROUND DUCT CONNECTION STANDARD GRILLE
EF-3	JAN CLST.	EXHAUST	CENTRIFUGAL	FC	50	935	0.549	6	1	115	2.0	GREENHECK SP-80-VG	12	PROVIDE WITH DISCONNECT SWITCH, GRAVITY BACKDRAFT DAMPER, ROUND DUCT CONNECTION STANDARD GRILLE
EF-4	RESTROOM	EXHAUST	CENTRIFUGAL	FC	70	935	0.487	6	1	115	2.0	GREENHECK SP-80-VG	19	PROVIDE WITH DISCONNECT SWITCH, GRAVITY BACKDRAFT DAMPER, ROUND DUCT CONNECTION STANDARD GRILLE, PITCHED ROOF CAP W/BUILT-IN BIRDSCREEN

	DIFFUSER, REGISTER, AND GRILLES													
TAG	SERVICE	NECK SIZE (IN)	TYPE	DAMPER	FACE SIZE	MATERIAL	FINISH	PATTERN	MANUFACTURER	MODEL NO.	CONTROL POWER (V)	REMARKS		
D1	CEILING SUPPLY AIR	SEE PLANS	SQUARE LAY-IN	YES	24x24	STEEL	WHITE	4-WAY	ACCUTHERM	ADV	120	ALL		
D2	CEILING SUPPLY AIR	SEE PLANS	SQUARE LAY-IN	NO	24x24	STEEL	WHITE	4-WAY	TITUS	OMNI	-	-		
D3	CEILING SUPPLY AIR	SEE PLANS	SLOT DIFFUSER LAY-IN	YES	-	ALUMINUM	WHITE	2-WAY	ACCUTHERM	ADVL	120	ALL		
D4	CEILING SUPPLY AIR	SEE PLANS	SLOT DIFFUSER LAY-IN	NO	-	ALUMINUM	WHITE	1-WAY	TITUS	ML-38	-	4		
D5	CEILING SUPPLY AIR	SEE PLANS	SLOT DIFFUSER LAY-IN	NO	-	ALUMINUM	WHITE	1-WAY	TITUS	ML-38	-	5		
G1	RETURN/ TRANSFER AIR	SEE PLANS	GRILLE SURFACE	NO	NECK SIZE + 1.75"	STEEL	WHITE	-	TITUS	350RL	-	-		
G2	RETURN AIR	SEE PLANS	GRILLE LAY-IN	NO	NECK SIZE + 1.75"	STEEL	WHITE	-	TITUS	350RL	-	-		

 PROVIDE WITH WALL MOUNTED THERMOSTAT. 2. PROVIDE WITH 115V TO 24V ONBOARD TRANSFORMER FOR MASTER.

3. 2-SLOT. 2-WAY AIRFLOW. 60" LENGTH. PROVIDE WITH INSULATED PLENUM. 4. 2-SLOT, 60" LENGTH. PROVIDE WITH TITUS MPI-38 INSULATED PLENUM. 5. 2-SLOT, 48" LENGTH. PROVIDE WITH TITUS MPI-38 INSULATED PLENUM.

LOUVER SCHEDULE  EQUIPMENT BASED ON GREENHECK UNLESS NOTED OTHERWISE												
TAG	MODEL	LOCATION	SERVICE	CFM	TYPE	MATERIAL	DIMENSION HxWxD (IN)	FREE FACE AREA (SF)	MAX SP DROP	FREE AREA VEL (FPM)	REMARKS	
L-1	ESD-635	MECH ROOM	INTAKE	460	STATIONARY DRAINABLE	ALUM	14x36x6	1.1	0.03	420	ALL	
NOTES:	1. PROVIDE W	ITH BIRDSCREEN.										

				_	K UNLESS NOTE	SCHED D OTHERWISE	OLL		
	UNIT DATA				Н	EATING ELEMENT	īS .		<u> </u>
TAG	SERVICE	MODEL	TYPE	CFM	AMPS	TOTAL KW	VOLTS	PHASE	REMARKS
EUH-1	VESTIBULE 101	CDF-548	RECESSED	300	19.2	4	208	1	ALL
EUH-2	STAIRS 105	CDF-548	RECESSED	300	19.2	4	208	1	ALL
EUH-3	STAIRS 111	CDF-548	RECESSED	300	19.2	4	208	1	ALL

1. PROVIDE INTEGRAL THERMOSTAT. PROVIDE INTEGRAL DISCONNECT SWITCH. PROVIDE RECESSED ENCLOSURE.

> # DATE CHANGE DESCRIPTION RENOVATION OF HEARTLAND



BANK DUBLIN 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



SUITE 300 COLUMBUS, OHIO 43215

SCHEDULES - MECHANICAL

**PROGRESS** DRAWING NOT FOR

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

M-601 FINAL DEVELOPMENT PLAN

CONSTRUCTION

	ABBREVIATIONS
NOTE: NOT	ALL ABBREVIATIONS MAY BE USED.
(A)	EXISTING TO BE ABANDONED
(D)	EXISTING TO BE DEMOLISHED
(E)	EXISTING TO REMAIN
(F)	FUTURE
(R)	EXISTING TO BE RELOCATED
Α	AMPERE
AC	ALTERNATING CURRENT OR AIR CONDITIONER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPS INTERRUPTING CAPACITY
ANNC	ANNUNCIATOR
AWG BPS	AMERICAN WIRE GAUGE BOLTED PRESSURE SWITCH
С	CONDUIT
СВ	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
СМ	CONSTRUCTION MANAGER
DC	DIRECT CURRENT
DP	DISTRIBUTION PANELBOARD
DTT	DOUBLE TWIN TUBE
EB	ELECTRONIC BALLAST
EC	ELECTRICAL CONTRACTOR
EM	EMERGENCY
EMT	ELECTRICAL METAL TUBING
EWC FA	ELECTRIC WATER COOLER FIRE ALARM
FLA	FULL LOAD AMPS
G	GROUND
GC	GENERAL TRADES CONTRACTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GEN	GENERATOR
НОА	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPC	HIGH PRESSURE CONTACT SWITCH
HZ	HERTZ
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT INCANDESCENT
KVA	KILOVOLT AMPERE
KW	KILOWATT
LTG	LIGHTING OR LIGHT
LRA	LOCKED ROTOR AMPS
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDP	MAIN DISTRIBUTION PANEL
MLO	MAIN LUGS ONLY
MOCP MSB	MAXIMUM OVERCURRENT PROTECTION  MAIN SWITCHBOARD
MH	METAL HALIDE
MTS	MANUAL TRANSFER SWITCH
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NF	NON-FUSED
OCC	OCCUPANCY
PA	PUBLIC ADDRESS
PB	PULL BOX OR PUSH BUTTON
PVC	POLYVINYL CHLORIDE (PLASTIC PIPE)
PWR RECPT	POWER RECEPTACLE
STP	SHIELDED, TWISTED PAIR
TC	TIME CLOCK
TRT	TRIPLE TUBE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UTP	UNSHIELDED, TWISTED PAIR
V	VOLT
W	WATT
WAP	WIRELESS ACCESS POINT
WH	WATTHOUR
WP XFMR	WEATHERPROOF, NEMA 3R UNO TRANSFORMER
Z	IMPEDANCE
	PHASE
	<u>l</u>

LIC	SHTING SYMBOLS	P	OWER SYMBOLS
NOTE: NOT ALI	L SYMBOLS MAY BE USED.	NOTE: NOT AL	L SYMBOLS MAY BE USED.
0 0 0	GENERAL PURPOSE LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	⇒ X Z	20A DUPLEX RECEPTACLE WITH COVER PLATE: X=TYPE, Y"=NON-STANDARD MOUNTING HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF TYPICAL)
	GENERAL PURPOSE LUMINAIRE ON EMERGENCY POWER: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	¥ X Y Z	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT WITH COVER PLATE: X=TYPE, Y"=NON-STANDARD MTG HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF TYPICAL)
	GENERAL PURPOSE DUAL BALLAST LUMINAIRE ONE BALLAST ON EMERGENCY POWER: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	₿	FLOOR OR CEILING MOUNTED DUPLEX RECEPTACLE:
0	ROUND LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	₩	DUPLEX RECEPTACLE: ABOVE COUNTER (48" AFF TYPICAL)
0>	WALL WASHER: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	#	DOUBLE-DUPLEX RECEPTACLE WITH SINGLE COVER PLATE
		+	SIMPLEX RECEPTACLE WITH COVER PLATE
Ю	WALL MOUNTED LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	₩P	WEATHER RESISTANT DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERRUPTING WITH IN-USE COVER
Ω	WALL MOUNTED DECORATIVE LUMINAIRE: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	Ю	WALL MOUNTED SPECIAL RECEPTACLE: REFER TO PLANS FOR ADDITIONAL INFORMATION
	WALL MOUNTED FLOOD LIGHT: REFER TO LUMINAIRE SCHEDULE FOR ADDITIONAL INFORMATION	⊚ <sup>F,C</sup>	FLOOR OR CEILING MOUNTED SPECIAL RECEPTACLE: F=FLOOR, C=CEILING REFER TO PLANS FOR ADDITIONAL INFORMATION
	TRACK LIGHTING	<b>E</b> =	SURFACE MOUNTED RACEWAY
$\overline{\bigcirc}$	TRACK LIGHTING HEAD	X	STANDARD DISCONNECT SWITCH: X=DISCONNECT
abla	REMOTE HEAD	□ □ Y Z	SIZE, Y=NUMBER OF POLES
	STEP LIGHT	Х	STANDARD FUSED DISCONNECT SWITCH:
4	EMERGENCY LIGHT	<b>□</b> Y Z	X=DISCONNECT SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES
Ю	EXIT SIGN	X	
⊗  ⊗	CEILING MOUNTED ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS	⊠Ŷ Z	MOTOR STARTER: X=STARTER SIZE, Y=NUMBER OF POLES
101	EMERGENCY DUAL FACE ILLUMINATED EXIT SIGN WITH DIRECTIONAL ARROWS	X ⊠nY Z	COMBINATION MOTOR STARTER/DISCONNECT SWITCH: X=STARTER SIZE, Y=FUSE SIZE, Z=NUMBE OF POLES
< €	EXIT SIGN WITH INTEGRAL HEADS	<b>M</b>	MOTOR (BY OTHERS): PROVIDE POWER AS INDICATED
	SWITCH: X=BLANK-SINGLE POLE 20A, TOGGLE;	M	UTILITY METER
\$ <sup>x</sup>	X=3-THREE WAY; X=4-FOUR WAY; X=P-PILOT LIGHT; X=K-KEY; X=MS-MOMENTARY	\$	FRACTIONAL HORSEPOWER MANUAL MOTOR STARTER
69	PHOTOCELL	<u> </u>	JUNCTION BOX
	WALL MOUNTED OCCUPANCY SENSOR:		TRANSFORMER
os <sup>x</sup>	X=BLANK-DUAL TECHNOLOGY; X=IR-PASSIVE INFRARED; X=US-ULTRASONIC CEILING MOUNTED OCCUPANCY SENSOR:	HH	HANDHOLE/POLE BOX: SEE DETAILS FOR ADDITIONAL INFORMATION
<b>⊚</b> ×	X=BLANK-DUAL TECHNOLOGY; X=IR-PASSIVE	СР	CONTROL PANEL
	INFRARED; X=US-ULTRASONIC	SPD	SURGE PROTECTIVE DEVICE
	DIMMER		PANELBOARD
PP	POWER PACK	Р 0	
<u> </u>	JUNCTION BOX PANELBOARD	ATS	AUTOMATIC TRANSFER SWITCH
D 0	PANELBOARD	VFD	VARIABLE FREQUENCY DRIVE (BY DIVISION 23)
	LIGHTING CONTROL PANEL	•	PUSH BUTTON
	LIGHTING GONTHOLT ANEL		POWER POLE
$\square$	LOW VOLTAGE TRANSFORMER	Φ	CORD REEL
	LOW VOLIAGE TIVANOI ONWIER	0	GROUND ROD
		℗ <sup>X</sup>	POKE THROUGH SERVICE FITTING: X=TYPE

WER SYMBOLS	TEI	LECOMM SYMBOLS
MBOLS MAY BE USED.	NOTE: NOT A	ALL SYMBOLS MAY BE USED.
DUPLEX RECEPTACLE WITH COVER PLATE: YPE, Y"=NON-STANDARD MOUNTING HEIGHT, PECIAL DESIGNATION, (18" AFF TYPICAL)	Δx	WALL MOUNTED DATA OUTLET (18" AFF): X=NUMBER OF OUTLETS
PLEX RECEPTACLE ON EMERGENCY CIRCUIT TH COVER PLATE: X=TYPE, Y"=NON-STANDARD	<b>⊘</b> <sup>c</sup>	CEILING MOUNTED DATA OUTLET: C=CEILING
G HEIGHT, Z=SPECIAL DESIGNATION, (18" AFF	Ā×	WALL MOUNTED PHONE/DATA OUTLET (18" AFF): X=NUMBER OF OUTLETS (P=PHONE, D=DATA)
OOR OR CEILING MOUNTED DUPLEX CEPTACLE:	( <b>\bar{\bar{\bar{\bar{\bar{\bar{\bar{</b>	WIRELESS ACCESS POINT
PLEX RECEPTACLE: ABOVE COUNTER (48" AFF PICAL)  JBLE-DUPLEX RECEPTACLE WITH SINGLE	₿	POKE THROUGH DEVICE: PROVIDE (1) DUPLEX OUTLET AND (2) CAT6 DATA JACKS, TERMINATE DATA ON PATCH PANEL IN NEAREST IT CLOSET; A=POWER / A/V / DATA, B=POWER / DATA
/ER PLATE		
PLEX RECEPTACLE WITH COVER PLATE		SURFACE MOUNTED RACEWAY
ATHER RESISTANT DUPLEX RECEPTACLE,		CABLE TRAY
DUND FAULT CIRCUIT INTERRUPTING WITH USE COVER		EQUIPMENT RACK
LL MOUNTED SPECIAL RECEPTACLE: REFER TO NS FOR ADDITIONAL INFORMATION	\ <u>\{\tau_{\\ \tau_{\tau_{\tau_{\tau_{\tau_{\\ \tau_{\tau_{\tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \tau_{\\ \\ \tau_{\tau_{\\ \\ \\ \tau_{\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ </u>	TELEPHONE TERMINAL BOARD/PLYWOOD BACKBOARD: REFER TO PLANS FOR ACTUAL LENGTHS
CEPTACLE: F=FLOOR, C=CEILING REFER TO INS FOR ADDITIONAL INFORMATION RFACE MOUNTED RACEWAY	SE	CURITY SYMBOLS
NDARD DISCONNECT SWITCH: X=DISCONNECT	NOTE: NOT A	ALL SYMBOLS MAY BE USED.
E, Y=NUMBER OF POLES		CAMERA: PTZ=PAN, TILT, AND ZOOM; F=FIXED DIRECTIONAL; D=DOME CAMERA
NDARD FUSED DISCONNECT SWITCH: DISCONNECT SIZE, Y=FUSE SIZE, Z=NUMBER OF	AH	ALARM HORN
ES	<u> </u>	CARD READER
TOR STARTER: X=STARTER SIZE, Y=NUMBER OF	DL	DOOR LATCH
ES	IC	INTERCOM
MBINATION MOTOR STARTER/DISCONNECT	KP	KEY PAD
TCH: X=STARTER SIZE, Y=FUSE SIZE, Z=NUMBER POLES	LM	LATCH MONITOR
TOR (BY OTHERS): PROVIDE POWER AS	MS	MONITORING STATION
CATED	MD	MOTION DETECTOR
LITY METER	TS	TAMPER SWITCH
CTIONAL HORSEPOWER MANUAL MOTOR	PS	POWER SUPPLY
RTER	RX	REQUEST EXIT
ICTION BOX	ES	ELECTRIC STRIKE
NSFORMER	0	PUSH BUTTON
		CCTV EQUIPMENT RACK
NDHOLE/POLE BOX: SEE DETAILS FOR DITIONAL INFORMATION		
NTROL PANEL	P	AGING SYMBOLS
RGE PROTECTIVE DEVICE	NOTE: NOT A	ALL SYMBOLS MAY BE USED.
	<b>├</b>	

			DRAWING INDEX
		DWG NO.	SHEET TITLE
٦		E-001	GENERAL INFORMATION - ELECTRICAL
		ED10X	FLOOR PLAN - ELECTRICAL - DEMOLITION
		E-10X	FLOOR PLAN - LIGHTING
		E-20X	FLOOR PLAN - POWER
		E-30X	FLOOR PLAN - SYSTEMS
		E-40X	ENLARGED PLANS - ELECTRICAL
		E-50X	DETAILS - ELECTRICAL
		E-60X	SCHEDULES - ELECTRICAL
		E-70X	DIAGRAMS - ELECTRICAL
Ì	Ι,		
-			LINE TYPE LEGEND
$\dashv$			

EXISTING TO BE REMOVED

NEW WORK

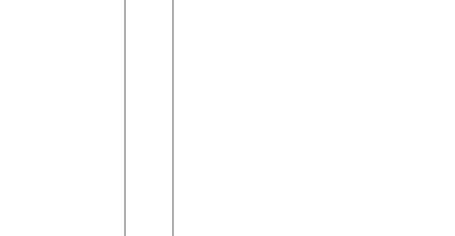
— EXISTING TO REMAIN

	LENGTHS
SE	CURITY SYMBOLS
: NOT AL	L SYMBOLS MAY BE USED.
<b>□</b> ⊲	CAMERA: PTZ=PAN, TILT, AND ZOOM; F=FIXED DIRECTIONAL; D=DOME CAMERA
АН	ALARM HORN
CR	CARD READER
DL	DOOR LATCH
IC	INTERCOM
KP	KEY PAD
LM	LATCH MONITOR
MS	MONITORING STATION
MD	MOTION DETECTOR
TS	TAMPER SWITCH
PS	POWER SUPPLY
RX	REQUEST EXIT
ES	ELECTRIC STRIKE
$\neg$	

MICROPHONE OUTLET WALL MOUNTED HORN CEILING MOUNTED HORN WALL MOUNTED SPEAKER

EQUIPMENT RACK

CEILING MOUNTED SPEAKER VOLUME CONTROL STATION



CHANGE DESCRIPTION





300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

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DRAWING TITLE:

**GENERAL INFORMATION -ELECTRICAL** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

20022 E-001

11/30/2020

DRAWN BY: Author CHECKED BY: Checker

FINAL DEVELOPMENT PLAN

RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017 **HEARTLAND BANK** 

STATE RT. #33 JUNCTION BOX FOR SIGN LIGHTING

1 PLAN SITE PLAN - ELECTRICAL
1" = 10'-0"

**GENERAL NOTES:** 

- UNLESS NOTED OTHERWISE, MINIMUM CONDUIT SIZE FOR ALL EXTERIOR INSTALLATIONS SHALL BE 1".
- UNDERGROUND CONDUIT ROUTING SHOWN IS DIAGRAMATIC. CONTRACTOR SHALL CONDUCT UNDERGROUND UTILITY LOCATING AND DETERMINE EXACT ROUTING. CONTRACTOR SHALL ALSO CONTACT "OUPS" NO LESS THAN 7 CALENDAR DAYS PRIOR TO DIGGING.
- COORDINATE ALL SITE WORK WITH OTHER TRADES AND EXISTING UNDERGROUND UTILITIES.

## CODED NOTES:

- PROVIDE 20' LIGHT POLE AND LUMINAIRE ON EXISTING POLE BASE. EXTEND EXISTING CIRCUIT TO LUMINAIRE.
- CU-1, 208V, 1PH 23.5A: PROVIDE 30/2 NEMA 3R FUSED DISCONNECT. PROVIDE UNISTRUT SUPPORT AS NECESSARY.
- CU-2A, 208V, 1PH 23.5A: PROVIDE 30/2 NEMA 3R FUSED DISCONNECT. PROVIDE UNISTRUT SUPPORT AS NECESSARY.
- CU-2B, 208V, 1PH 23.5A: PROVIDE 30/2 NEMA 3R FUSED DISCONNECT. PROVIDE UNISTRUT SUPPORT AS
- NECESSARY. DEMOLISH EXISTING POLE LIGHT AND BASE. PROVIDE HANDHOLE, INTERCEPT CIRCUIT, MATCH WIRE SIZE, MAKE
- JUNCTIONS AND EXTEND TO NEW LIGHT POLE.
- EXTEND EXISTING LIGHTING CIRCUIT FROM HANDHOLE TO SIGN LIGHTING.
- CONDUIT IN CONCRETE ENCASEMENT FOR SERVICE ENTRANCE. REFER TO ONE LINE DIAGRAM AND DETAILS FOR ADDITIONAL REQUIREMENTS.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR HEARTLAND BANK



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

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DRAWING TITLE:

SITE PLAN - ELECTRICAL

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

**ES-100** 

STATE RT. #33

1 PLAN SITE PLAN - ELECTRICAL DEMOLITION
1" = 10'-0"

CODED NOTES:

- DEMOLISH EXISTING LUMINAIRE AND LIGHT POLE. EXISTING BASE AND CIRCUITING TO REMAIN FOR REUSE.
- POWER CONNECTION TO CONDENSING UNIT, DISCONNECT SWITCH AND CONDUCTORS TO BE DEMOLISHED BACK TO SOURCE.
- DEMOLISH EXISTING POLE LIGHT AND BASE. PROVIDE HANDHOLE TO INTERCEPT CIRCUIT REFER TO NEW WORK PLAN FOR ADDITIONAL REQUIREMENTS.
- EXISTING UTILITY TRANSFORMER
- EXISTING SECONDARY CONDUIT TO BE ABANDONED IN

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 



300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

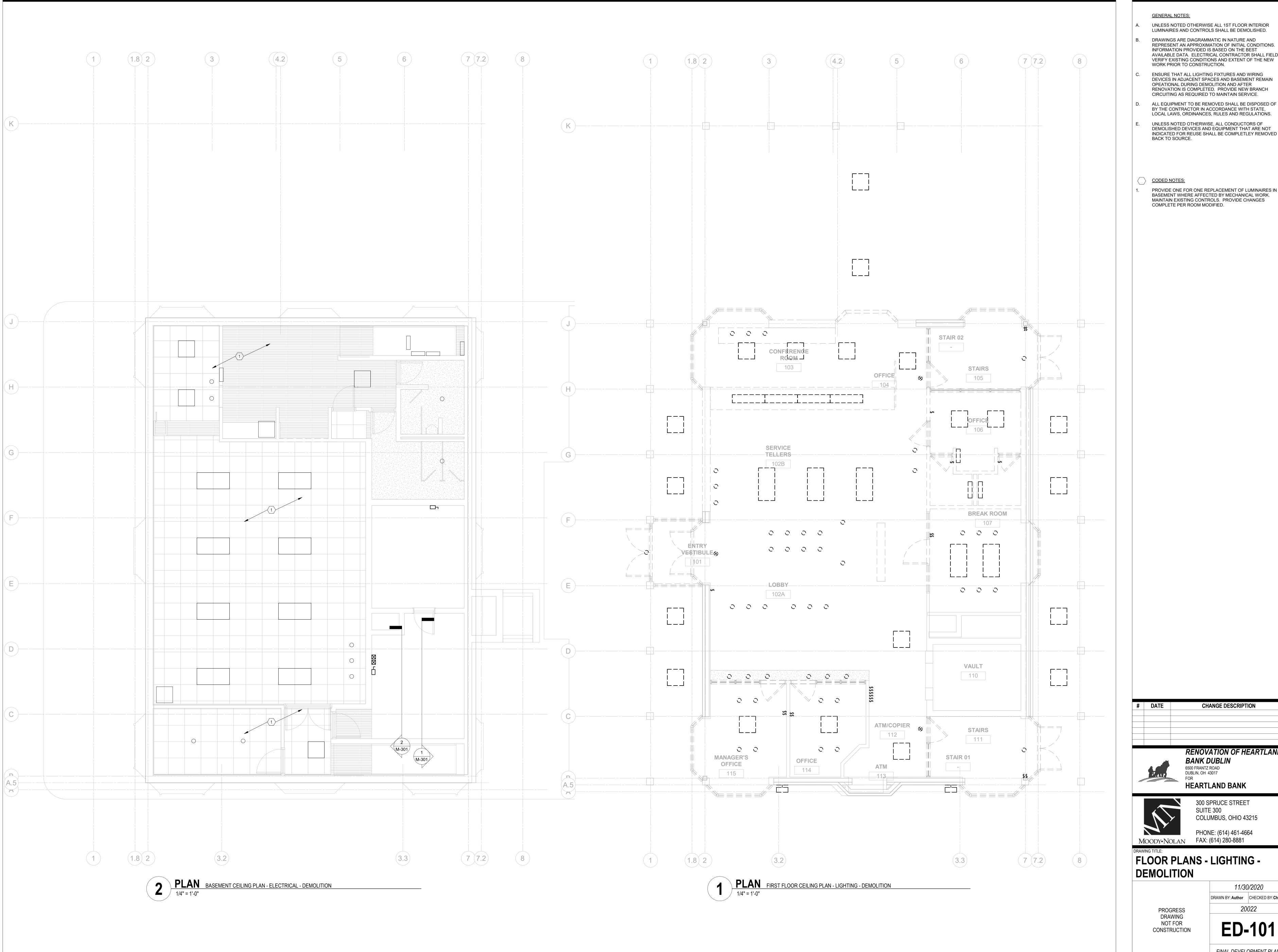
SITE PLAN - ELECTRICAL -

DEMOLITION

PROGRESS DRAWING NOT FOR CONSTRUCTION

DRAWN BY: Author CHECKED BY: Checker 20022 **ED-100** 

11/30/2020



- UNLESS NOTED OTHERWISE ALL 1ST FLOOR INTERIOR
- LUMINAIRES AND CONTROLS SHALL BE DEMOLISHED. DRAWINGS ARE DIAGRAMMATIC IN NATURE AND REPRESENT AN APPROXIMATION OF INITIAL CONDITIONS. INFORMATION PROVIDED IS BASED ON THE BEST AVAILABLE DATA. ELECTRICAL CONTRACTOR SHALL FIELD
- WORK PRIOR TO CONSTRUCTION. ENSURE THAT ALL LIGHTING FIXTURES AND WIRING DEVICES IN ADJACENT SPACES AND BASEMENT REMAIN OPEATIONAL DURING DEMOLITION AND AFTER RENOVATION IS COMPLETED. PROVIDE NEW BRANCH
  - ALL EQUIPMENT TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH STATE, LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS.
- UNLESS NOTED OTHERWISE, ALL CONDUCTORS OF DEMOLISHED DEVICES AND EQUIPMENT THAT ARE NOT INDICATED FOR REUSE SHALL BE COMPLETLEY REMOVED BACK TO SOURCE.

## CODED NOTES:

PROVIDE ONE FOR ONE REPLACEMENT OF LUMINAIRES IN BASEMENT WHERE AFFECTED BY MECHANICAL WORK. MAINTAIN EXISTING CONTROLS. PROVIDE CHANGES COMPLETE PER ROOM MODIFIED.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 



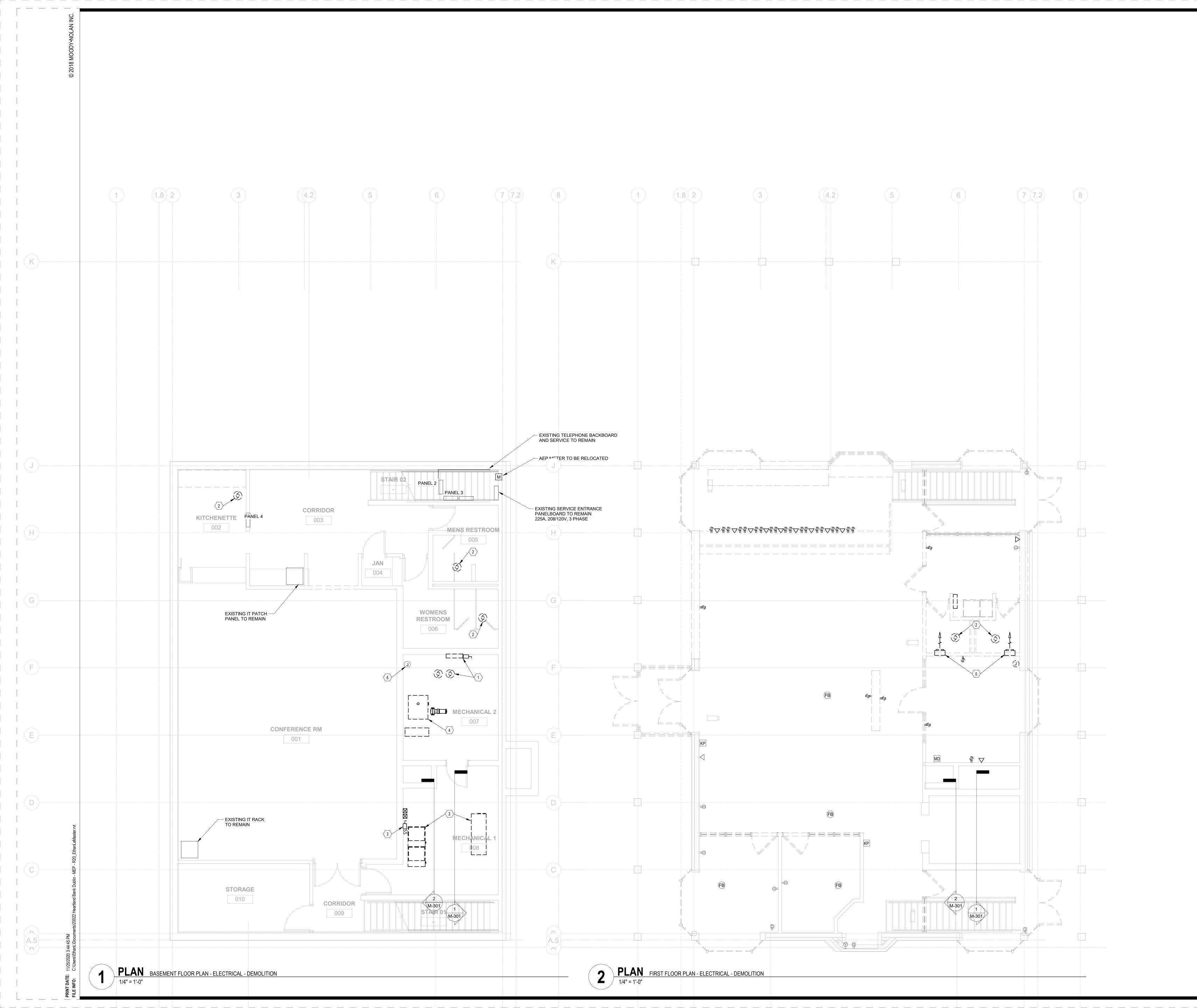
300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

FLOOR PLANS - LIGHTING -**DEMOLITION** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 **ED-101** 



- DRAWINGS ARE DIAGRAMMATIC IN NATURE AND REPRESENT AN APPROXIMATION OF INITIAL CONDITIONS. INFORMATION PROVIDED IS BASED ON THE BEST AVAILABLE DATA. ELECTRICAL CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND EXTENT OF THE NEW WORK PRIOR TO CONSTRUCTION.
- ENSURE THAT ALL WIRING DEVICES IN ADJACENT SPACES AND BASEMENT REMAIN OPEATIONAL DURING DEMOLITION AND AFTER RENOVATION IS COMPLETED. PROVIDE NEW BRANCH CIRCUITING AS REQUIRED TO MAINTAIN SERVICE.
  - C. ALL EQUIPMENT TO BE REMOVED SHALL BE DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH STATE, LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS.
- D. UNLESS NOTED OTHERWISE, ALL CONDUCTORS OF DEMOLISHED DEVICES AND EQUIPMENT THAT ARE NOT INDICATED FOR REUSE SHALL BE COMPLETLEY REMOVED BACK TO SOURCE.

CODED NOTES:

POWER CONNECTION TO SEWAGE EJECTOR PUMP AND SUMP PUMP TO BE DEMOLISHED. DEMOLISH EXISTING CONTROL PANEL AND ASSOCIATED HARDWARE. MAINTAIN AND PROTECT EXISTING CIRCUITS FOR USE WITH NEW

- POWER CONNECTION TO EXHAUST FAN TO BE DEMOLISHED.
- POWER CONNECTION TO FURNACE AND ASSOCIATED HARDWARE TO BE DEMOLISHED.
- POWER CONNECTION TO BOILER AND ASSOCIATED
- HARDWARE TO BE DEMOLISHED. POWER CONNECTION TO UNIT HEATER TO BE DEMOLISHED.
- 6. WATER HEATER TO REMAIN.

CHANGE DESCRIPTION



RENOVATION OF HEARTLAND **BANK DUBLIN** 6500 FRANTZ ROAD DUBLIN, OH 43017



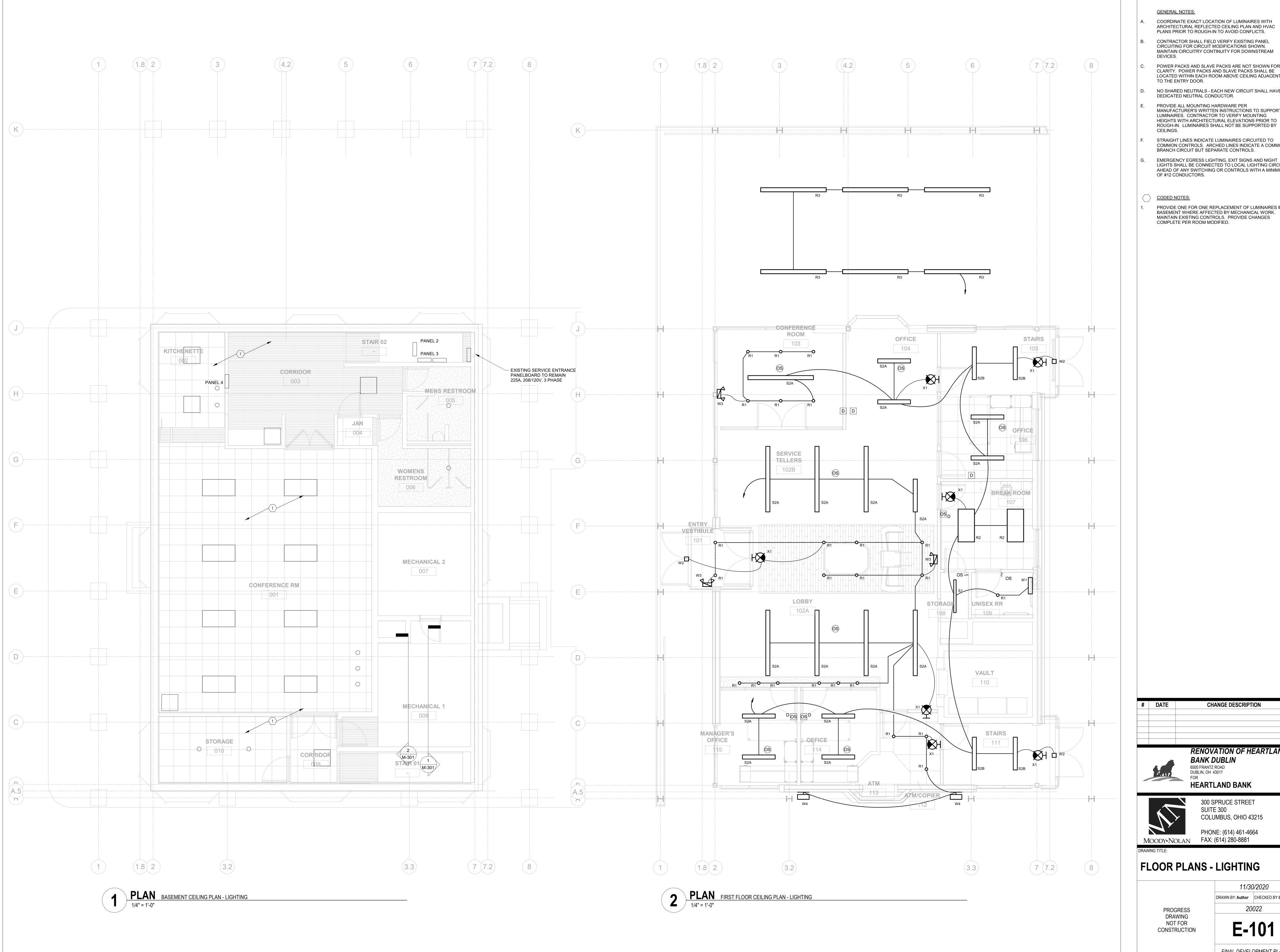
**HEARTLAND BANK** 300 SPRUCE STREET

SUITE 300 COLUMBUS, OHIO 43215

**FLOOR PLANS -**POWER/SYSTEMS - DEMOLITION 11/30/2020

PROGRESS DRAWING NOT FOR CONSTRUCTION

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- COORDINATE EXACT LOCATION OF LUMINAIRES WITH ARCHITECTURAL REFLECTED CEILING PLAN AND HVAC PLANS PRIOR TO ROUGH-IN TO AVOID CONFLICTS.
- CONTRACTOR SHALL FIELD VERIFY EXISTING PANEL CIRCUITING FOR CIRCUIT MODIFICATIONS SHOWN. MAINTAIN CIRCUITRY CONTINUITY FOR DOWNSTREAM
- POWER PACKS AND SLAVE PACKS ARE NOT SHOWN FOR CLARITY. POWER PACKS AND SLAVE PACKS SHALL BE LOCATED WITHIN EACH ROOM ABOVE CEILING ADJACENT TO THE ENTRY DOOR.
- NO SHARED NEUTRALS EACH NEW CIRCUIT SHALL HAVE DEDICATED NEUTRAL CONDUCTOR.
- PROVIDE ALL MOUNTING HARDWARE PER MANUFACTURER'S WRITTEN INSTRUCTIONS TO SUPPORT LUMINAIRES. CONTRACTOR TO VERIFY MOUNTING HEIGHTS WITH ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. LUMINAIRES SHALL NOT BE SUPPORTED BY
- STRAIGHT LINES INDICATE LUMINAIRES CIRCUITED TO COMMON CONTROLS. ARCHED LINES INDICATE A COMMON BRANCH CIRCUIT BUT SEPARATE CONTROLS.
- EMERGENCY EGRESS LIGHTING, EXIT SIGNS AND NIGHT LIGHTS SHALL BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY SWITCHING OR CONTROLS WITH A MINIMUM OF #12 CONDUCTORS.

## CODED NOTES:

PROVIDE ONE FOR ONE REPLACEMENT OF LUMINAIRES IN BASEMENT WHERE AFFECTED BY MECHANICAL WORK. MAINTAIN EXISTING CONTROLS. PROVIDE CHANGES COMPLETE PER ROOM MODIFIED.

CHANGE DESCRIPTION

RENOVATION OF HEARTLAND BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR



**HEARTLAND BANK** 300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

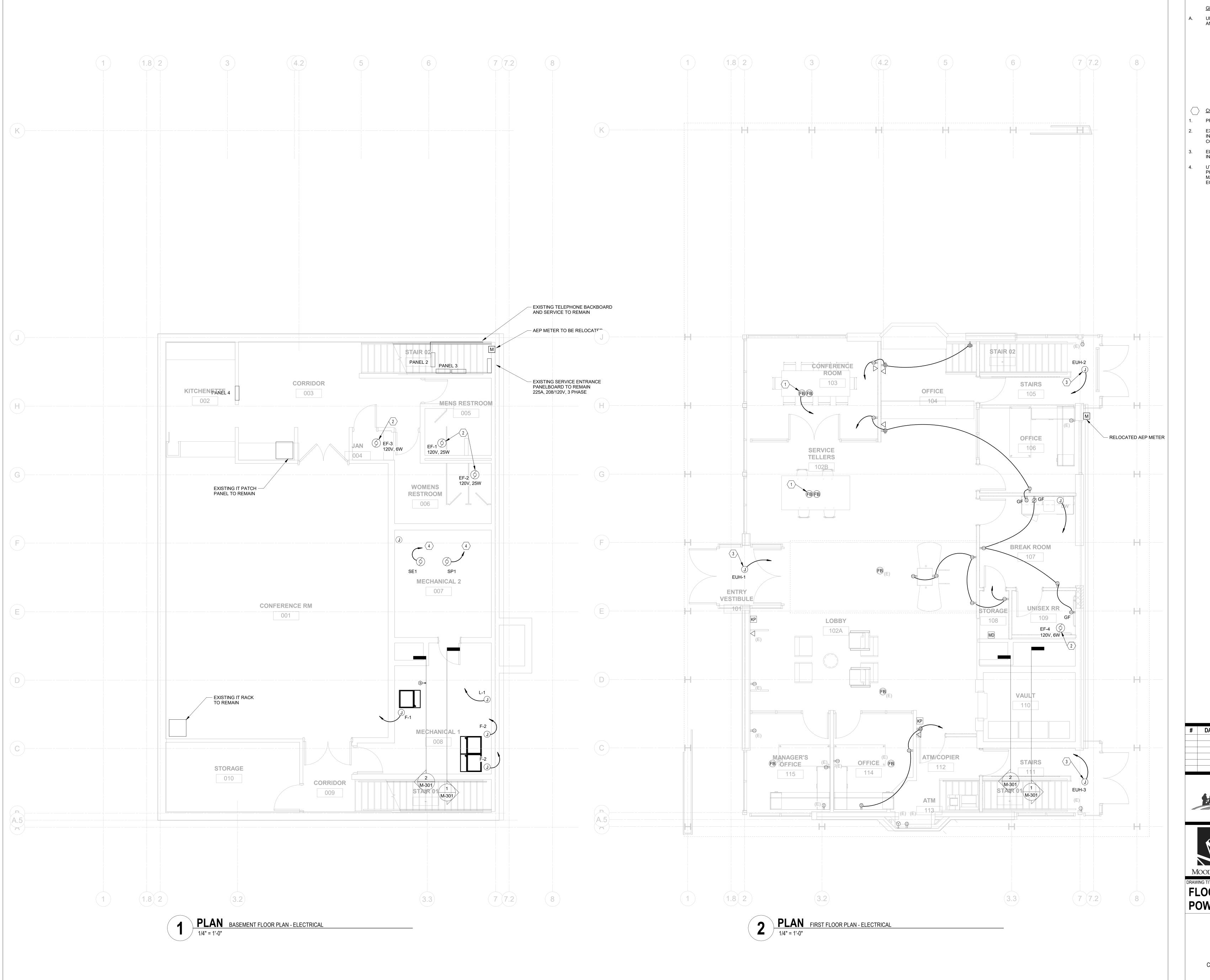
**FLOOR PLANS - LIGHTING** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

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FINAL DEVELOPMENT PLAN

E-101



**GENERAL NOTES:** UNLESS NOTED OTHERWISE NO ELECTRICAL WORK ANTICIPATED IN BASEMENT.

**CODED NOTES:** 

- PROVIDE POKE THRU RECEPTACLE AND DATA OUTLET.
- EXHAUST FAN 120V FRACTIONAL HP WITH INTEGRALDISCONNECT. FAN SHALL BE CIRCUITED AND CONTROLLED WITH LIGHTS SERVING THE SPACE.
- ELECTRIC UNIT HEATER, 208V SINGLE PHASE 19.2A WITH INTEGRAL DISCONNECT.
- UTILIZE EXISTING CIRCUIT RETAINED FROM DEMOLITION PHASE TO SERVE NEW EQUIPMENT. INTERCEPT CIRCUIT, MATCH WIRE SIZE, MAKE JUNCTIONS AND EXTEND TO NEW EQUIPMENT AS NECESSARY.

CHANGE DESCRIPTION



BANK DUBLIN
6500 FRANTZ ROAD
DUBLIN, OH 43017
FOR **HEARTLAND BANK** 

300 SPRUCE STREET SUITE 300 COLUMBUS, OHIO 43215

RENOVATION OF HEARTLAND

PHONE: (614) 461-4664
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DRAWING TITLE:
FLOOR PLANS -POWER/SYSTEMS

PROGRESS DRAWING NOT FOR CONSTRUCTION

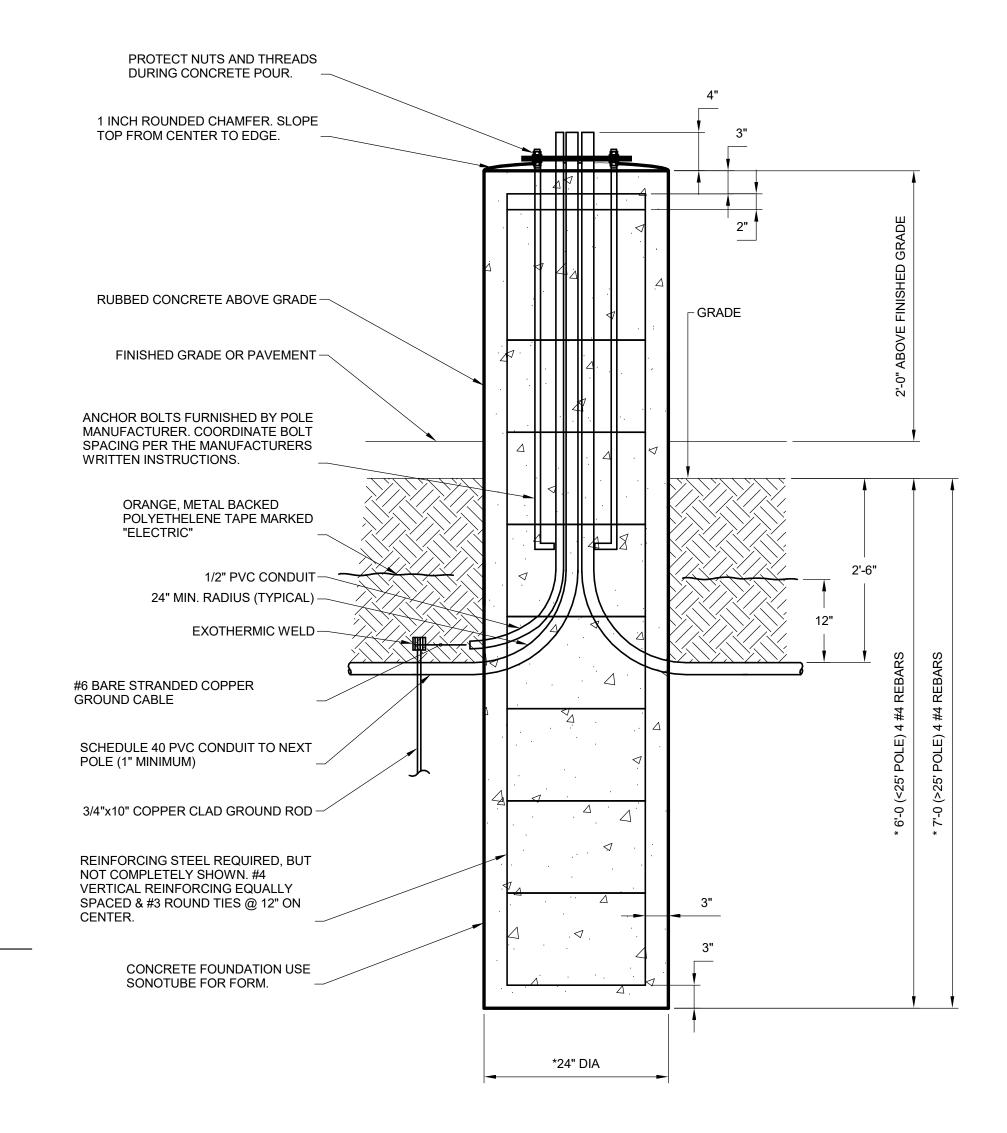
11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022 E-201

DETAIL - CONCRETE ENCASED CONDUIT

NTS

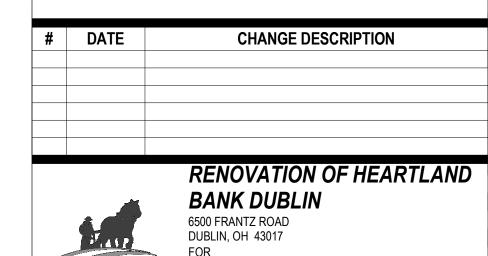
COMPACTED GRANULAR FILL TO PAVEMENT OR SIDEWALK. TRENCH WIDTH AS OTHERWISE, SELECTED BACKFILL TO GRADE. — REQUIRED 24" MINIMUM —FINISHED GRADE —RED METAL BACKED POLYETHYLENE TAPE MARKED "ELECTRIC", OR ONE TAPE PER THREE HORIZONTAL CONDUITS → GRANULAR BACKFILL, USE LSM-50 UNDER PAVEMENT AND WITH-IN 5'-0" OF PAVEMENT EDGE SCHEDULE 40 PVC CONDUIT, SIZE AND QUANTITY OF CONDUITS VARIES WITH LOCATION. REFER TO ELECTRICAL SITE PLAN. TRANSITION FROM PVC TO RIGID STEEL CONDUIT LAST 6 FEET TO HANDHOLES, BUILDINGS AND/OR EQUIPMENT. SAND COVER

2 DETAIL - DIRECT BURIED CONDUIT



3 DETAIL - CONCRETE POLE BASE

NTS





**HEARTLAND BANK** 300 SPRUCE STREET

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

SUITE 300 COLUMBUS, OHIO 43215

**DETAILS ELECTRICAL** 

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

E-501

	Panel: PA	١NE	EL 2	2									
	Location: STA	IR 02 -				Volts:	120/20	08 Wy	е	A.I	.C. Ra	iting:	
	Supply From:				F	Phases:	3			N	lains 1	Гуре:	
	Mounting: Rece	essed				Wires:	4			Ma	ins Ra	ting: 100 A	
	Enclosure: Type	1								M	CB Ra	ting: 225 A	
CK T	Circuit Description	Trip	Pole s	,	4	E	3		C	Pole s	Trip	Circuit Description	CK T
1	(E) UPS	30 A	1	0.0	0.0						-		2
3	(E) WEST WALL #1	20 A	1			0.0	0.0			3	30 A	(E) SORTER	4
5	(E) SOUTH WALL #2	20 A	1					0.0	0.0				6
7	(E) WEST WALL #2	20 A	1	0.0	0.0					1	20 A	(E) EAST WALL #2	8
9	SPARE	20 A	1			0.0	0.0			1	20 A	(E) EAST WALL #3	10
11	(E) IRRIGATION TIMER	20 A	1					0.0	0.0	1	20 A	(E) EAST WALL #1	12
13	(E) SOUTH WALL #1	20 A	1	0.0	0.0					1		SPARE	14
15	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	16
17	SPACE							0.0	0.0			SPACE	18
19	SPACE			0.0	0.0							SPACE	20
21	SPACE					0.0	0.0					SPACE	22
23	SPACE							0.0	0.0			SPACE	24
		Total	Load:	0.0	kVA	0.0	kVA	0.0	kVA				
		T	otal	0	Α	0	Α	0	Α				
			Conn	. Load	d:	Deman	d Load	i:	Dema	nd			
			0.0	kVA		0.0	kVA		0 /	A			

	Panel: PA	ANE	EL 3	3									
	Location: STA	IR 02 -				Volts:	120/20	08 Wy	е	A.I	.C. Ra	iting:	
	Supply From:				F	hases:	3	·		M	ains 1	Гуре:	
	Mounting: Rece	essed				Wires:	4			Mai	ins Ra	iting: 100 A	
	Enclosure: Type	e 1								M	CB Ra	ting: 225 A	
СК			Pole							Pole			СК
Т	Circuit Description	Trip	s		4	E	3	(	C	s	Trip	Circuit Description	T
1	(E) MAIN UPS	20 A	2	0.0	0.0					1	20 A	(E) GEN	2
3	(L) WAIN OF 3	20 A				0.0	0.0			1	20 A	(E) SUMP PUMP	4
5	SPACE							0.0	0.0			SPACE	6
7	SPACE			0.0									8
		Total	Load:	0.0	kVA	0.0	kVA	0.0	kVA				
		T	otal	0	Α	0	Α	0	Α				
			Conr	ı. Loa	d:	Deman	d Load	l:	Dema	nd			
			0.0	) kVA		0.0	kVA		0 /	Ą			

	Panel: PA	<b>YN</b> E	:L 4	ŀ									
	Location: KITC	HENE	TTE 00	)2		Volts:	120/20	8 Wy	Э	A.I	.C. Ra	ting:	
	Supply From:				PI	nases:	3			M	ains T	- уре:	
	Mounting: Rece	essed			,	Wires:	4			Mai	ns Ra	ting: 100 A	
	Enclosure: Type	1								M	CB Ra	ting: 100 A	
CK T	Circuit Description	Trip	Pole s	,	Ą	E	<b>3</b>	(		Pole s	Trip	Circuit Description	CK T
1	(E) LTG DRIVE THRU	20 A	1	0.0	0.0					1	20 A	•	2
3	SPARE	20 A	1			0.0	0.0			1	20 A	(E) LTG MEETING RM	4
5	(E) RECPT DRIVE THRU	20 A	1					0.0	0.0	1	20 A	(E) RECPT FRONT	6
7	(E) LTG CANOPY	20 A	1	0.0	0.0					1	20 A	(E) RECPT DRIVE THRU	8
9	(E) LANE RTS (TWIN)	20 A	1			0.0	0.0			1	20 A	(E) RECPT FLOOR	10
11	(E) LANE RTS	20 A	1					0.0	0.0	1	20 A	(E) LTG ENTRANCE	12
13	(E) LANE RTS	30 A	1	0.0	0.0					1	20 A	(E) RECPT/DYE	14
15	(E) LTG EXTERIOR	20 A	1			0.0	0.0					(E) RECPT FLOOR	16
17	(E) LTG EXTERIOR	20 A	1					0.0	0.0	1	20 A	(E) RECPT TELLER/	18
19	(E) LTG SIGN	20 A	1	0.0	0.0					1	20 A	(E) RECPT DRIVE THRU	20
		Total	Load:	0.0	kVA	0.0	kVA	0.0	kVA				
		T	otal	0	Α	0	Α	0	Α				
			Conn	. Load	d: [	Deman	d Load	:	Dema	nd			
		-	0.0	) kVA		0.0	kVA		0 /	Α			

			CONSTRUCTION	LUMINAIRE SCH			VOLTACE/	
TYPE	DIMENSIONS	MOUNTING	CONSTRUCTION AND FINISH	DESCRIPTION AND OPTIONS	LAMPS	DRIVER(S)	VOLTAGE/L OAD	APPROVED MANUFACTURER(S)
P1		20' SQUARE STEEL POLE (BRONZE)		AREA LIGHT TYPE 3 DISTRIBUTION	4000K	ELECTRONIC 0-10V DRIVER	120/277V 52W	LITHONIA RSX1
P2		20' SQUARE STEEL POLE (BRONZE)		AREA LIGHT TYPE 4 DISTRIBUTION	4000K	ELECTRONIC 0-10V DRIVER	120/277V 52W	LITHONIA RSX1
R1	4" DIA x 6" DEEP	RECESSED GRID OR DRYWALL	COLD ROLLED FORMED STEEL, FLAT ACRYLIC LENS	RECESSED DOWN LIGHT MEDIUM DISTRIBUTION	INTEGRAL 4000K 2000 LUMENS	ELECTRONIC 0-10V DRIVER	120/277V 18W	GOTHAM EVO4
R2	2'x4' MAX 5.25" DEEP	RECESSED CEILING GRID	STEEL FORMED STEEL, ACRYLIC DIFFUSER	RECESSED TROFFER	INTEGRAL 4000K 4300 LUMENS	ELECTRONIC 0-10V DRIVER	120/277V 40W	LITHONIA EPANL
R3	6" X 8' MAX 5.25" DEEP	RECESSED	EXTRUDED ALUMINUM BODY WITH MICROPRISMATIC ACRYLIC LENS	RECESSED LINEAR WET LISTED	INTEGRAL 4000K 375LU/FT	ELECTRONIC 0-10V DRIVER	120/277V 6W/FT	MARK S1LD
S1	6" X 4' 6" DEEP	SUSPENDED	COLD ROLLED FORMED STEEL, FLAT ACRYLIC LENS	LINEAR INDUSTRIAL	INTEGRAL 4000K 4000 LUMENS	ELECTRONIC 0-10V DRIVER	120/277V 40W	LITHONIA CLX
S2A	6" X LENGTH AS SHOWN ON DRAWINGS	SUSPENDED	EXTRUDED ALUMINUM BODY WITH MICROPRISMATIC ACRYLIC LENS	LINEAR SUSPENDED DIRECT/INDIRECT	INTEGRAL 4000K 375LU/FT	ELECTRONIC 0-10V DRIVER	120/277V 6W/FT	MARK S1LD
S2B	6" X 4'	SUSPENDED	EXTRUDED ALUMINUM BODY WITH MICROPRISMATIC ACRYLIC LENS	LINEAR SUSPENDED DIRECT/INDIRECT INTEGRAL MOTION SENSOR AND 90 MINUTE BATTERY BACKUP	INTEGRAL 4000K 375LU/FT	ELECTRONIC 0-10V DRIVER	120/277V 6W/FT	MARK S1LD
W1	6" X 2'	SURFACE/WALL	STEEL FORMED STEEL, ACRYLIC DIFFUSER	VANITY LIGHT	INTEGRAL 4000K 1200 LUMENS	ELECTRONIC 0-10v DRIVER	120/277V 18W	ACCESS 62518
W2		SURFACE/WALL	THERMOPLASTIC	REMOTE HEAD WEATHERPROOF	4000K	N/A	9.6V 3W	LITHONIA ERE-GY-SGL-WP-SQ-M1
W3	12.6" X 9.1" X 1.9" DEEP	SURFACE/WALL	LOW PROFILE, THERMOPLASTIC HOUSING, INJECTION-MOLDED	EMERGENCY WALL PACK DUAL HEAD, 90 MINUTE BATTERY	4000K	N/A	120/277V 1.5W	LITHONIA ELMLT
W4	8" X 11" X 3" DEEP	SURFACE/WALL	DIE CAST ALUMINUM HOUSING	WALL PACK INTEGRAL PHOTOCELL	INTEGRAL 4000K 2900 LUMENS	ELECTRONIC 0-10V DRIVER	120/277V 24W	LITHONIA WPX1 LED P2 40K
X1	10.75" X 13" 4" DEEP	UNIVERSAL SURFACE CEILING/WALL	THERMOPLASTIC	UNIVERSAL MOUNT EXIT INTEGRAL EMERGENCY LIGHT BAR NICAD BATTERY	LED	N/A	120/277V 1.5W	LITHONIA ECBR

**CHANGE DESCRIPTION** 



RENOVATION OF HEARTLAND BANK DUBLIN 6500 FRANTZ ROAD DUBLIN, OH 43017 **HEARTLAND BANK** 



SUITE 300 COLUMBUS, OHIO 43215

PHONE: (614) 461-4664 MOODY•NOLAN FAX: (614) 280-8881

SCHEDULES - ELECTRICAL

PROGRESS DRAWING NOT FOR CONSTRUCTION

11/30/2020 DRAWN BY: Author CHECKED BY: Checker 20022

E-601



CATEGORY

Stone Gallery

Connecticut Whiteline Granite is a rustic textural granite featuring a blend of grays, blues and tans and highlighted with its characteristic white lines.

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