This drawing is intended for preliminary budgeting only. Do not use when presenting a bid. Assumptions: -- No site visit survey.

- -- Union labor only
- -- Closed remodel. -- Regular shift.
- -- Include allowance for winter conditions.
- -- Do not contact the bank.
- -- All questions should be directed to Mark Palmquist
- 612-345-2582

mark.palmquist@cbre.com.

# NOT FOR BID

W/ REVISION •

W/O REVISION

ISSUE

DRAWINGS LIST

COVER SHEET

ACCESSIBILITY DETAILS

RESPONSIBILITY MATRIX

DEMOLITION FLOOR PLAN

LIFE SAFETY & ACCESSIBILITY PLAN

DEMOLITION REFLECTED CEILING PLAN

DEMOLITION ELEVATIONS- SOUTH AND EAST

DEMOLITION ELEVATIONS- NORTH AND WEST

GENERAL NOTES, DRAWINGS CONVENTIONS, & ABBREVIATIONS

**GENERAL** 

G-001

G-003

G-004

G-100

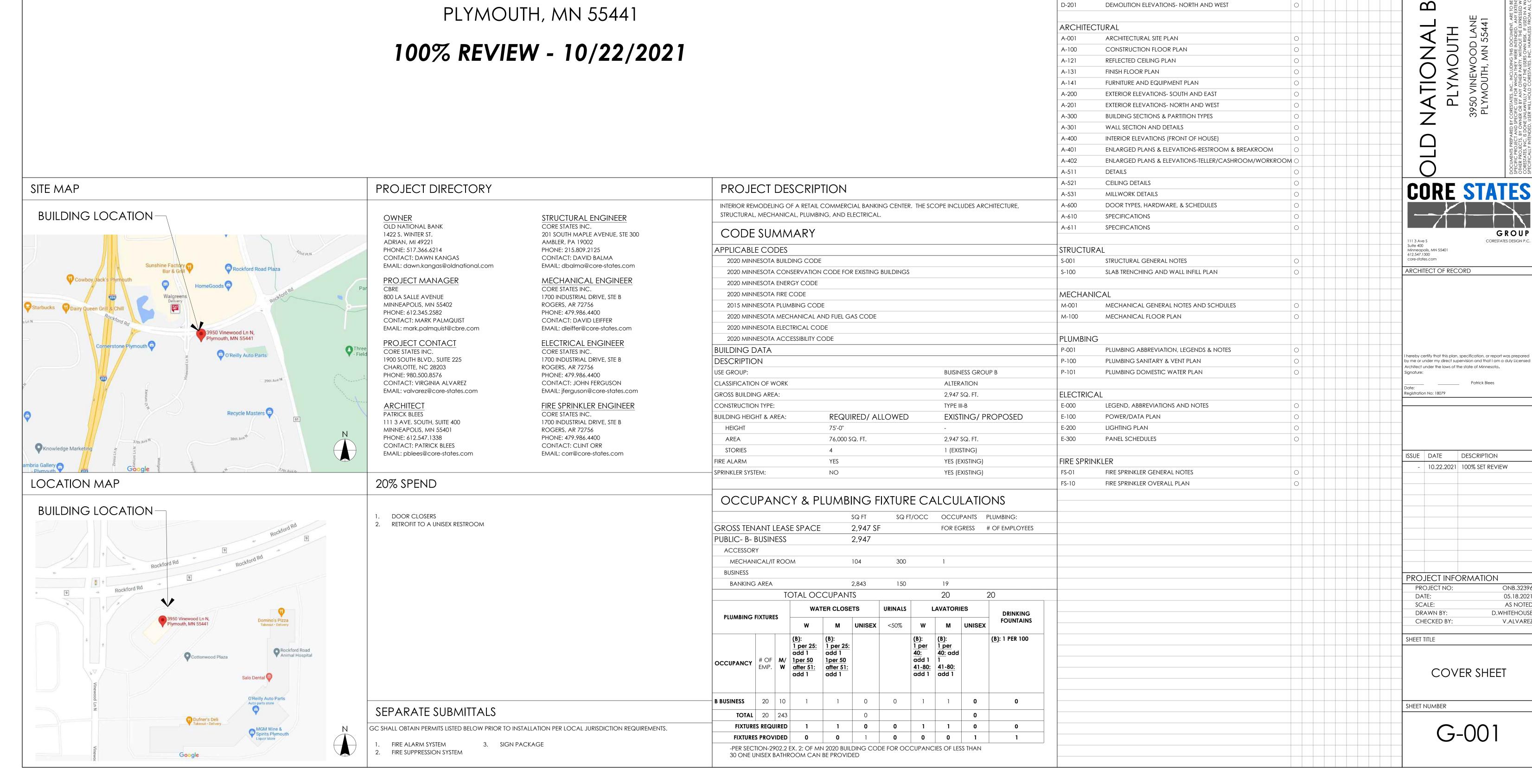
D-200

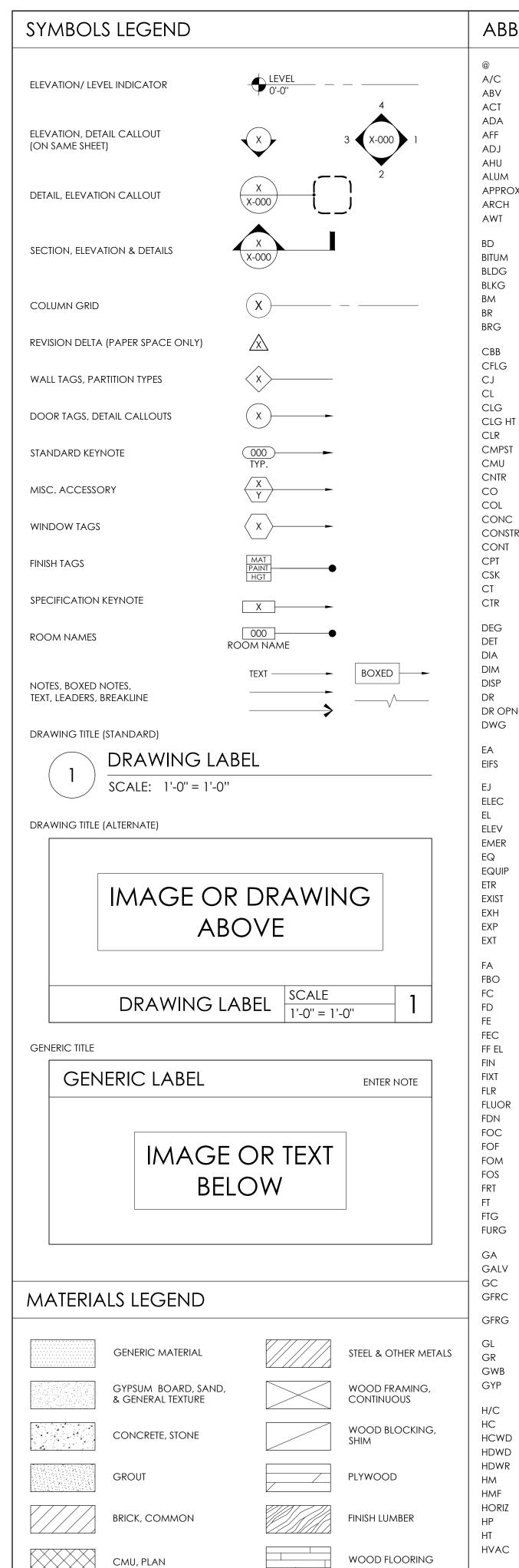
D-201

**DEMOLITION** 

# OLD NATIONAL BANK PLYMOUTH

3950 VINEWOOD LANE PLYMOUTH, MN 55441





# ΑT A/C ABVACT ALUM APPROX ARCH BITUM BLDG BLKG CFLG CLG CLG HT CLR **CMPST** CMU CNTR COL CONC CONSTR CONT DWG ELEC **EMER** EQUIP EXIST FF EL FLUOR FOC FOM **FURG** GALV **GFRC** GFRG

#### ABBREVIATIONS LIST JAN **JANITOR** AIR CONDITIONING KICK PLATE **ABOVE ACOUSTICAL CEILING TILE** LONG (LENGTH) AMERICAN'S W/ DISABILITIES ACT LIGHT TRACK LAM LAMINATE ABOVE FINISH FLOOR LAV LAVATORY **ADJUSTABLE** POUNDS AIR HANDLING UNIT LINEAR FOOT **ALUMINUM** LEFT-HANDED APPROXIMATE LCC LEAD COATED COPPER **ARCHITECTURAL** OWNER ACOUSTICAL WALL TREATMENT LOW POINT OF ROOF/SLOPE **BOARD** MAT MATERIAL BITUMINOUS MAXMAXIMUM MAHOG MAHOGANY BLOCKING MDO MEDIUM DENSITY OVERLAY MECH MECHANICAL **BRICK** MEZZ **MEZZANINE BEARING** MFR MANUFACTURER MIN MINIMUM CEMENT BACKER BOARD MISC MISCELLANEOUS COUNTER FLASHING MO MASONRY OPENING **CONTROL JOINT** MSB MOP SERVICE BASIN CENTER LINE MTD MOUNTED CFILING MTL **METAL** CEILING HEIGHT CLEAR NORTH COMPOSIT NATURAL CONCRETE MASONRY UNIT NIC NOT IN CONTRACT COUNTER **NIGHT LIGHT CASED OPENING** MOM NOMINAL COLUMN NTS NOT TO SCALE CONCRETE CONSTRUCTION OA OVERALL CONTINUOUS $\circ$ C ON CENTER CARPET OD **OUTSIDE DIAMETER COUNTERSUNK** OF/CI OWNER FURNISHED/ CFRAMIC TILE CONTRACTOR INSTALL OWNER FURNISHED/ OWNER CENTER OFI OWNER FURNISHED & INSTALL DEGREES OPP **OPPOSIT** DETAIL DIAMETER PAIN1 DIMENSION PLASTIC LAMINATE PLAM **DISPENSER** PLMB PLUMBING DOOR PLT PLATE DR OPNG DOOR OPENING PLWD **PLYWOOD** DRAWING PAIR PRHT PARTIAL HEIGHT PRESSURE TREATED EXTERIOR INSULATION FINISH PTN PARTITION **EXPANSION JOINT** QUARRY TILF ELECTRICAL **FI FVATION** RISER FIFVATOR RADIUS RAD **EMERGENC' RECESSED** REQD REQUIRED **FQUIPMENT** REFERENCE **EXISTING TO REMAIN** RESIL RESILIENT REVISION **EXHAUST RIGHT HAND EXPOSED** ROOM **EXTERIOR** RO ROUGH OPENING RWD FIRE ALARM REDWOOD RWL RAIN WATER LEADER **FURNISHED BY OTHERS** FIXTURE CONTRACTOR SOLID CORE FLOOR DRAIN SD **SMOKE DETECTOR** FIRE EXTINGUISHER SECT SECTION FIRE EXTINGUISHER CABINET SQUARE FOOT (FEET) FINISH FLOOR ELEVATION SHT SHEET SIM SIMILAR **FIXTURE** SIPS STRUCTURAL INSULATED PANEL **FLOOR** SOUND INSULATION SND INS FLUORESCENT LIGHTING SPEC **SPECISQUARE FOUNDATION** SSG STRATEGIC SOURCING GROUP FACE OF CONCRETE SST STAINLESS STEEL FACE OF FINISH STD Standard FACE OF MASONRY STL STEEL FACE OF STUD STN STAIN FIRE RETARDANT TREATED STO STONE FOOT (FEET) SYS SYSTEM FOOTING FURRING **TREAD** TO BE DETERMINED TBD **GAGE** T&G **TONGUE & GROOVE** GALVANIZED THK THICKNESS GENERAL CONTRACTOR THR THRESHOLD **GLASS-FIBER REINFORCED** CONCRETE TOB TOP OF BEAM GLASS\_FIBER REINFORCED TOC TOP OF CONCRETE TOJ TOP OF JOIST GLASS or GLAZING TOM TOP OF MASONRY **GRADE** TOS TOP OF SLAB GYPSUM WALLBOARD TOS TOP OF STEEL GYPSUM TOW TOP OF WALL TPD TOILET PAPER DISPENSER HANDICAPPED TPO THERMOPLASTIC POLYOLEFIN **HOLLOW CORE** TYP TYPICAL HOLLOW CORE WOOD DOOR

HARDWOOD

HARDWARE

HORIZONTAL

HEIGHT

INCH

INCLUDED

INTERIOR

INSULATION

HW

**IBGC** 

INCL

INSUL

INT

SEALANT, BACKER

INSULATION, BATT

RIGID INSULATION,

**EXTERIOR INSULATION** 

FINISHING SYSTEM (EIFS)

EARTH, GRAVEL

EARTH, UNDISTURBED

EARTH, COMPACT FIL

COOLING

**HOT WATER** 

CONTRACTOR

INSIDE DIAMETER

HOLLOW METAL

HOLLOW METAL FRAME

HIGH POINT OF ROOF/SLOPE

HEATING, VENTILATION &

INSTALLED BY GENERAL

**UNDERCUT** 

VERTICAL

**WITHOUT** 

WOOD

WITH

VERIFY IN FIFI C

WALL ANCHOR

WATER CLOSE

**WIDE FLANGE** 

WATER HEATER

**WORKING POINT** 

WALL FABRIC

**VENEER PLASTER** 

UNO

VCT

**VERT** 

W/O

WA

WFAB

WH

VIF

**UNLESS NOTED OTHERWISE** 

VINYL COMPOSITION TILE

# GENERAL NOTES

#### CONSTRUCTION DOCUMENTS THE CONSTRUCTION CONTRACT INCLUDES THE EXECUTED, SIGNED AGREEMENT BETWEEN THE OWNER AND THE CONTRACTOR, AND THE CONSTRUCTION DOCUMENTS, WHICH INCLUDES THE DRAWINGS

- BY EXECUTION OF THE CONSTRUCTION CONTRACT. THE CONTRACTOR REPRESENTS THAT HE OR SHE HAS (1) READ AND UNDERSTANDS THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. (2) VISITED THE PROJECT-SITE, (3) BECOME FAMILIAR WITH THE LOCAL CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED. (4) CORRELATED PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT
- DOCUMENTS, AND (5) THAT HE OR SHE WILL COMPLY WITH ALL REQUIREMENTS OF THE CONSTRUCTION THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO INCLUDE ALL ITEMS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE CONSTRUCTION WORK - AND TO PROVIDE (FURNISH AND INSTALL) ALL PRODUCTS, MATERIALS, EQUIPMENT OR ACCESSORIES REQUIRED FOR PROPER
- OPERATION, IN ACCORDANCE WITH THEIR MANUFACTURER'S REQUIREMENTS. THE CONTRACT DOCUMENTS ARE COMPLEMENTARY - WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. WHILE PREPARED WITH DUE CARE AND DILIGENCE, PERFECTION IS NOT POSSIBLE. DESIGN AND CONSTRUCTION ARE COMPLEX - EVERY POSSIBLE CONDITION OR
- CONTINGENCY CANNOT BE ANTICIPATED OR FULLY INDICATED WITHIN THE DOCUMENTS. CAREFULLY STUDY AND COMPARE THE VARIOUS DRAWINGS (INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, STRUCTURAL, MECHANICAL OR ELECTRICAL) AND OTHER CONTRACT DOCUMENTS WITH THE EXISTING CONDITIONS AT THE PROJECT-SITE BEFORE STARTING CONSTRUCTION. REPORT ERRORS, INCONSISTENCIES OR OMISSIONS DISCOVERED FOR CLARIFICATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIR OR CORRECTION COSTS IF WORK IS EXECUTED WITH KNOWLEDGE THAT IT
- INVOLVES AN ERROR, INCONSISTENCY OR OMISSION WITHOUT THE ABOVE NOTICE. IN THE EVENT OF CONFLICT OR AMBIGUITY WITHIN THE CONSTRUCTION DOCUMENTS. THE CONTRACTOR WILL BE DEEMED TO HAVE AGREED TO PROVIDE THE GREATER QUANTITY AND / OR BETTER QUALITY OF MATERIALS AND / OR WORK. OMISSIONS IN THE DESCRIPTION OF THE WORK DO
- NOT RELIEVE THE CONTRACTOR FROM PROVIDING A COMPLETE PROJECT. THE CONTRACTOR SHALL FULLY ACQUAINT HIM/HERSELF WITH THE CONDITIONS AND REQUIREMENTS OF THE DRAWINGS AND ACCOMPANYING SPECIFICATIONS, INCLUDING OTHER PARTS OF THE PROPOSED CONTRACT DOCUMENTS, AND FULLY UNDERSTAND THE CONDITIONS, DIFFICULTIES AND RESTRICTIONS COMPLETELY, BEFORE EXECUTING THE WORK, IT IS UNDERSTOOD THAT OMISSIONS FROM THE BID. DUE TO FAILURE OF THE CONTRACTOR TO FULLY ACQUAINT HIMSELF WITH THE CONSTRUCTION DOCUMENTS, WILL NOT ENTITLE HIM TO ADDITIONAL CONSIDERATION AND/OR COMPENSATION. G.C. SHALL VERIFY
- ALL DIMENSIONS AND CONDITIONS AT SITE PRIOR TO COMMENCING THE WORK SHOULD THE CONTRACTOR FIND DISCREPANCIES IN OR OMISSIONS FROM THE CONSTRUCTION DOCUMENTS, OR BE IN DOUBT AS TO THE MEANING AND INTENTION OF ANY ITEMS OR REQUIREMENTS, THEY SHALL NOTIFY THE ARCHITECT IMMEDIATELY.
- ALL WORK PERFORMED SHALL COMPLY WITH THE CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS, INCLUDING THESE GENERAL NOTES. THE G.C. SHALL COORDINATE THE INTENT OF THE
- GENERAL NOTES WITH ALL THE TRADES. 10. NO DEVIATION FROM CONTRACT DRAWINGS AND SPECIFICATIONS SHALL BE MADE WITHOUT WRITTEN
- APPROVAL OF THE ARCHITECT. ANY STRUCTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS (IF REQUIRED) ARE SUPPLEMENTARY TO THE ARCHITECTURAL DRAWINGS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CHECK WITH
- THE ARCHITECTURAL DRAWINGS REFORE THE INZULATION OF STRUCTURAL MECHANICAL PLUMRING AND ELECTRICAL WORK. SHOULD THERE BE A DISCREPANCY BETWEEN THE ARCHITECTURAL DRAWINGS AND THE CONSULTING ENGINEERS' DRAWINGS THAT WOULD CAUSE AN IMPROPER INSTALLATION, IT SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR CLARIFICATION PRIOR TO INSTALLATION OF SAID WORK. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECTURAL DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE AND AT NO ADDITIONAL COST TO THE OWNER OR
- . ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS, IF THE CONTRACTOR HAS QUESTIONS REGARDING SAME, OR THEIR EXACT MEANING, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
- . WHERE A TYPICAL CONDITION IS DETAILED, IT SHALL BE UNDERSTOOD THAT ALL LIKE OR SIMILAR CONDITIONS ARE THE SAME UNLESS SPECIFICALLY NOTED OR DETAILED OTHERWISE. 4. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTHS OF ALL UTILITIES AT THE SITE. PROTECT
- THEM FROM DAMAGE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT OF RECORD FOR RESOLUTION PRIOR TO THE COMMENCEMENT OF WORK. 15. THE CONTRACTOR IS TO PROVIDE TEMPORARY FACILITIES AS REQUIRED BY APPLICABLE CODE, LOCAL
- AUTHORITIES OR JURISDICTIONAL ORDINANCE. PRIOR TO COMMENCING THE WORK, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD,
- COMPARE THOSE MEASUREMENTS TO THE DRAWINGS AND REPORT ANY DISCREPANCIES TO THE ARCHITECT OF RECORD. DRAWINGS SHALL NOT BE SCALED OFF FOR MEASUREMENT. . THE CONTRACTOR SHALL PROVIDE ALL SHORING, BARRICADING AND BRACING NECESSARY TO ENSURE THE STRUCTURAL STABILITY OF THE BUILDING AND THE HEALTH OF THE PUBLIC AND ALL WHO ENTER THE
- BUILDING DURING COMPLETION OF THE SCOPE OF WORK DEFINED BY THIS ARCHITECTURAL 18. ALL WORK SHALL COMPLY WITH LOCAL BUILDING AUTHORITIES, CODES, REGULATIONS, ORDINANCES AND STATUTES, STATE, FEDERAL CODE AND OTHER JURISDICTIONAL AUTHORITIES, AND LATEST REVISIONS
- THEREOF. MODIFICATIONS REQUIRED BY THE ABOVE AND AUTHORITY SHALL BE MADE WITHOUT ADDITIONAL CHARGE TO THE OWNER
- 19. ALL EMERGENCY BUILDING EXITS REQUIRED BY CODE, SHALL BE OPERABLE AND UNOBSTRUCTED DURING CONSTRUCTION PERIOD.
- $^{20}$ . Fire extinguisher cabinets to be furnished and installed by the G.C. are to be in compliance WITH CITY AND APPLICABLE FIRE CODES

INSPECTOR AND THE OWNER REPRESENTATIVE FOR ON-SITE APPROVAL PRIOR TO INSTALLATION.

- 21. BOTH PLACEMENT AND QUANTITY OF FIRE EXTINGUISHERS TO BE DETERMINED BY THE FIRE MARSHALL AND COMPLY WITH ALL N.F.P.A. REQUIREMENTS. G.C. TO COORDINATE INSTALLATION 22. THE CONTRACTOR SHALL REVIEW THE LOCATIONS OF ALL FIRE LIFE SAFETY DEVICES WITH THE FIRI
- 23. INTERIOR FINISHES SHALL COMPLY WITH LOCAL CODES. 24. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL STIFFENERS, BRACING, BLOCKING, BACKING, HANGERS, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, FIXTURES AND PARTITIONS AND ALL WALL MOUNTED OR SUSPENDED PLUMBING,
- MECHANICAL, ELECTRICAL, OR MISCELLANEOUS EQUIPMENT AND FURNISHINGS 25. INTERIOR WALL AND CEILING FINISH FLAME-SPREAD RATING SHALL BE AS REQUIRED BY LOCAL CODES. 26. PENETRATIONS IN WALLS, FLOORS OR ROOF REQUIRING PROTECTED OPENINGS SHALL BE FIRE-STOPPED
- IN ACCORDANCE WITH LOCAL CODES.
- 27. ALL WIRING WITHIN CONCEALED SPACES SHALL COMPLY WITH LOCAL CODES.
- 28. ALL DOOR SIZES SHOWN ARE OPENING SIZES. ALLOWANCE FOR THRESHOLDS (1/2" MIN), ETC. SHALL BE DEDUCTED. FRAMES SHALL BE REINFORCED WHERE REQUIRED FOR CLOSURES, STOPS AND HARDWARE. P. ALL DISCIPLINES REQUIRED TO PROVIDE SHOP DRAWINGS AND OR SAMPLES OF FINISHES, TO SUBMIT TO
- THE CONTRACTOR PRIOR TO START, WHO WILL FORWARD TO ARCHITECT AND OWNER FOR COMMENTS, FOR APPROVAL OR RE-SUBMITTAL 30. THE SECURITY SYSTEMS ARE TO BE PROVIDED AND INSTALLED BY OTHERS. G.C. SHALL BE RESPONSIBLE
- FOR COORDINATION WITH OWNER'S SECURITY SYSTEMS CONTRACTOR.
- . GC TO REPLACE WORK OR PORTIONS OF THE WORK, NOT CONFORMING TO SPECIFIED REQUIREMENTS IN THE OPINION OF OWNER AND OR ARCHITECT. 2. ALL ITEMS TO BE SUPPLIED AND INSTALLED (TO A FULLY FINISHED LEVEL) BY G.C. - G.C. TO PROVIDE
- POWER AS REQUIRED. 8. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE DAILY CLEANUP OF THE JOBSITE AND IT'S SURROUNDING AREA AND REMOVE ALL CONSTRUCTION DEBRIS FOR DISPOSAL.
- 34. THE G.C SHALL COORDINATE PARKING, MATERIAL DELIVERY, MATERIAL STAGING AND CONSTRUCTION DUMPSTER LOCATIONS W/ OWNER AND/OR OWNER'S TENANT PRIOR TO BEGINNING CONSTRUCTION. MAINTAIN ALL PEDESTRIAN WALKWAYS OPEN DURING CONSTRUCTION WHEN PROJECT IS LOCATED WITHIN AN EXISTING OCCUPIED DEVELOPMENT. COORDINATE ALL SHARED UTILITIES, FIRE SPRINKLER
- GENERAL SCOPE OF WORK 55. PERFORM ALL CONSTRUCTION WORK INDICATED OR OTHERWISE REQUIRED FOR COMPLETION OF THE PROJECT - EXCEPT AS NOTED OTHERWISE.

SYSTEM SHUT OFFS, ETC. W/ OWNER AND/OR OWNER'S TENANT PRIOR TO BEGINNING OF THE WORK.

- 6. SCHEDULE AND COORDINATE THE WORK OF THE COMPLETE PROJECT TO ASSURE AN EFFICIENT AND ORDERLY SEQUENCE OF INSTALLATION OF ALL ELEMENTS - WITH PROVISIONS FOR ACCOMMODATING
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK. 8. PROVIDE ALL REQUIRED NOTICES FOR INSPECTIONS AND APPROVALS OF THE WORK BY THE AUTHORITY
- HAVING JURISDICTION (AHJ). THE MOST RESTRICTIVE CODE REQUIREMENTS AS INTERPRETED BY LOCAL 9. VERIFY LOCATIONS OF EXISTING UTILITY SERVICE CONNECTIONS SERVING THE PROJECT BEFORE STARTING CONSTRUCTION, LOCATIONS OF EXISTING UTILITIES NOTED ARE APPROXIMATE, AND MAY BE
- BASED ON UN-VERIFIED INFORMATION. PROVIDE ALL CONNECTIONS REQUIRED AT UTILITY CONNECTION POINTS AT NO ADDITIONAL COST TO THE OWNER. 0. Provide Subcontractors with a full-set of the construction documents to ensure
- COORDINATION BETWEEN ALL TRADES AND EACH SUBCONTRACTOR. . ALL CONSTRUCTION WORK MUST BE OF GOOD QUALITY - FREE FROM DEFECTS AND IN ACCORDANCE WITH REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS - OR THE WORK MAY BE CONSIDERED DEFECTIVE - AND SUBJECT TO CORRECTION OR REPLACEMENT BY THE CONTRACTOR WITHIN A PERIOD
- COORDINATION WITH SEPARATE CONTRACTORS 12. COORDINATE WITH THE OWNER'S SEPARATE CONTRACTORS OR SUPPLIERS FOR WORK INDICATED AS BEING OWNER-FURNISHED & CONTRACTOR INSTALLED (OFCI), OR NOT-IN-CONTRACT (NIC). PROVIDE

OF ONE (1) YEAR AFTER SUBSTANTIAL COMPLETION.

THEM SUFFICIENT NOTICE BEFORE STARTING WORK.

- SCHEDULED DATES WHEN THE PROJECT WILL BE READY FOR DELIVERY OR INSTALLATION OF OWNER FURNISHED PRODUCTS, AS APPLICABLE. 3. COORDINATE THE WORK OF THIS PROJECT WITH OTHER CONTRACTORS AT SEPARATE CONSTRUCTION
- PROJECTS WITHIN THE SAME DEVELOPMENT, SO THAT THIS WORK WILL NOT INTERFERE WITH OR DELAY 44. COORDINATE, RECEIVE AT SITE, VERIFY RECEIPT, HANDLE, STORE ON-SITE (IF REQUIRED), PROTECT AND
- INSTALL OWNER-FURNISHED PRODUCTS, AND PROVIDE SERVICE CONNECTIONS AS APPLICABLE. 5. NOTIFY THE OWNER WITHIN FIVE (5) DAYS OF RECEIPT OF ANY ITEMS THAT ARE MISSING, DAMAGED OR OTHERWISE DEFECTIVE. LACK OF NOTIFICATION WILL BE CONSIDERED PRESUMPTIVE PROOF THAT ALL
- NECESSARY WILL THEN BE THE RESPONSIBILITY OF THE CONTRACTOR. 16. REPAIR DAMAGE TO OWNER-FURNISHED PRODUCTS CAUSED BY CONSTRUCTION OPERATIONS TO THE OWNER'S SATISFACTION.

ITEMS DID ARRIVE UNDAMAGED AND IN PROPER QUANTITIES, AND ANY REPLACEMENT OR REPAIRS

COORDINATION WITH OWNER 17. OBTAIN AND COMPLY WITH THE OWNER'S CONSTRUCTION RULES & REGULATIONS WHICH ARE CONSIDERED PART OF THE CONSTRUCTION DOCUMENTS BY REFERENCE, COMPLY WITH OWNER'S APPROVED DRAWINGS OF THIS PROJECT, IF APPLICABLE. MAINTAIN PRINTED COPIES AT THE SITE AND ACKNOWLEDGE RECEIPT TO THE OWNER.

18. PARTICIPATE IN A PRE-CONSTRUCTION MEETING WITH THE OWNER'S REPRESENTATIVE AND PROVIDE

- GENERAL DEMOLITION
- 49. DEMOLITION CONTRACTOR TO COORDINATE & REVIEW ALL CONSTRUCTION DOCUMENTS & DETERMINE THE EXTENT OF DEMOLITION WORK & BECOME FAMILIAR WITH THEM THOROUGHLY BEFORE PERFORMING ANY DEMOLITION WORK. BY THE ACT OF STARTING DEMOLITION, THE CONTRACTOR WILL BE DEEMED TO HAVE COMPLIED WITH THE FOREGOING, TO HAVE ACCEPTED SUCH CONDITIONS, AND
- TO HAVE MADE THE NECESSARY ALLOWANCES IN PREPARING HIS BID 50. REFER TO MECHANICAL, ELECTRICAL, & PLUMBING DRAWINGS FOR ADDITIONAL & DETAILED DEMOLITION INSTRUCTIONS.
- 51. PROTECT FROM DAMAGE DURING CONSTRUCTION ALL EXISTING WALLS, FLOORS, CEILINGS, ETC. THAT ARE TO REMAIN. CONTRACTOR TO PATCH & REPAIR ANY DAMAGED PORTIONS OF THE EXISTING
- BUILDING AS REQUIRED TO MATCH THE EXISTING ADJACENT CONSTRUCTION & FINISHES 52. IF CONTRACTOR ENCOUNTERS ANY HAZARDOUS MATERIALS DURING DEMOLITION OR CONSTRUCTION,
- HE SHALL IMMEDIATELY SUSPEND WORK & NOTIFY THE AREA CONSTRUCTION MANAGER BEFORE
- 53. ALL DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER & IN STRICT ACCORDANCE WITH OSHA REGULATIONS.
- 54 THE SUB-CONTRACTOR SHALL FIELD VERIEY THE EXTENT OF DEMOLITION. THE WORK INCLUDES. BUT IS NOT LIMITED TO THE DEMOLITION AND REMOVAL OF ANY WALLS, COUNTERS, FURNITURE, BULKHEADS, DOORS, PLUMBING, MECHANICAL AND ELECTRICAL ITEMS INCLUDING CONDUITS AND DUCTWORK AS SHOWN ON THE DRAWINGS OR AS REQUIRED TO COMPLETE THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB.
- 55. WHEN UTILITIES ARE REMOVED, CAP & SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MINIMUM OF 6" ABOVE FINISH CEILING.

### **TEMPORARY FACILITIES, UTILITIES & CONTROLS**

- 56. PROVIDE BARRIERS, FENCES AND OTHER CONTROLS TO PREVENT PUBLIC ENTRY TO CONSTRUCTION AREAS, AND TO PROTECT CONSTRUCTION WORKERS AND THE PUBLIC FROM HAZARDS OF
- 57. PROVIDE PROTECTION OF CONSTRUCTION MATERIALS FROM LOSS, DAMAGE, FIRE OR THEFT, AND PROTECT EXISTING CONSTRUCTION FROM DAMAGE BY CONSTRUCTION OPERATIONS.
- 58. PROVIDE TEMPORARY FIRE-PREVENTION MEASURES AND PROCEDURES INCLUDING FIRE-EXTINGUISHERS PER AHJ REQUIREMENTS.
- 59. PROVIDE DUMPSTERS AND COLLECT WASTE DAILY, DISPOSE OF MATERIAL IN A LAWFUL MANNER. PLACE DUMPSTER IN LOCATION APPROVED BY OWNER OR OWNER, AS APPLICABLE
- 60. STORE PRODUCTS PER MANUFACTURER'S INSTRUCTIONS, PROTECTED FROM DAMAGE OR ABUSE, AND
- WITH VENTILATION TO AVOID CONDENSATION 61. APPLICATION OF A MATERIAL OR EQUIPMENT ITEM TO WORK INSTALLED BY OTHERS CONSTITUTES

ACCEPTANCE OF THAT WORK AND ASSUMPTION OF RESPONSIBILITY FOR SATISFACTORY INSTALLATION

- AND PERFORMANCE. 62. INSPECT EACH ITEM OF MATERIAL OR EQUIPMENT IMMEDIATELY PRIOR TO INSTALLATION. REJECT
- DAMAGED AND DEFECTIVE ITEMS.

### COORDINATION WITH FIXTURES, FURNISHINGS & EQUIPMENT (FF&E)

- 63. REVIEW THE OWNER'S SEPARATE CASEWORK/FIXTURES, FURNISHINGS, EQUIPMENT, & SIGNAGE DRAWINGS FOR UNIT SIZES, WEIGHTS, SERVICE-CONNECTIONS AND CLEARANCES REQUIRED - WHETHER FURNISHED OR INSTALLED BY THE CONTRACTOR OR OTHERS. VERIFY THAT REQUIRED ROUGH-INS. CONNECTIONS AND CLEARANCES WILL BE PROVIDED. PROVIDE OPENINGS AND DELIVERY ACCESS FOR FF&E ITEMS, AND PROVIDE STAGING SPACE FOR THEIR INSTALLATION. REPORT DISCREPANCIES OR OMISSIONS OF EQUIPMENT REQUIREMENTS PRIOR TO INSTALLATION.
- 64. PROVIDE ALL HVAC, PLUMBING, GAS OR ELECTRIC SERVICE CONNECTIONS TO CASEWORK / FIXTURES, SIGNAGE, OR EQUIPMENT INDICATED (WHETHER UNITS ARE INSTALLED BY CONTRACTOR OR BY
- 65. VERIFY DISPOSITION OF ALL FURNISHINGS, MILLWORK, LIGHTING FIXTURES, ETC. TO BE REMOVED W/ OWNER. ALL ITEMS TO BE DISPOSED SHALL BE DISPOSED OF OFF-SITE AND IN AN EXPEDITIOUS MANNER.

### **GENERAL EXECUTION OF THE WORK** 66. ESTABLISH AND MAINTAIN DURABLE MARKERS TO LOCATE ALL ELEMENTS OF THE WORK, INCLUDING BUT

NOT LIMITED TO PARTITIONS, CASEWORK, FIXTURES, EQUIPMENT AND LIGHT-FIXTURES, AND THEIR

- RELATED MECHANICAL, ELECTRICAL AND PLUMBING CONNECTIONS. 67. AT PROJECTIONS OF FINISHED SURFACES, INCLUDING PILASTERS OR THICKENED WALLS, RETURN ALL EXPOSED SURFACE FINISHES BACK TO THE PRIMARY SURFACE EVEN IF NOT SPECIFICALLY NOTED.
- 68. PERFORM ALL CUTTING, PATCHING AND FITTING TO ACCOMMODATE CONSTRUCTION WORK AND TO ACHIEVE THE INTENT OF THE CONSTRUCTION DOCUMENTS, CUT & PATCH PARTITIONS FOR INSTALLATION OF PLUMBING OR ELECTRICAL SERVICES AND FOR INSTALLATION OF WALL BLOCKING, IF NECESSARY. PROVIDE ESCUTCHEONS, GROMMETS AND SIMILAR SURFACE CLOSURE OR FINISHED TRIMS AT EXPOSED PENETRATIONS OF FINISHED SURFACES
- 69. BRACE PARTITIONS, SUSPEND CEILINGS OR SOFFITS, AND BRACE PLATFORMS, SUSPENDED ITEMS OR SIMILAR CONSTRUCTION ONLY TO STRUCTURAL ELEMENTS ABOVE - EVEN IF NOT SPECIFICALLY NOTED. DO NOT ANCHOR TO ROOF DECK, PLUMBING / SPRINKLER PIPES, DUCTWORK, ELECTRICAL CONDUIT OR SIMILAR ELEMENTS.

### **FINAL CLEANING**

- 70. JUST BEFORE OWNER OCCUPANCY, CLEAN ALL SURFACES INCLUDING FIXTURES AND EQUIPMENT FOR THE OWNER'S USE AND OPERATION POLISH GLASS AND PLUMBING FIXTURES TO BE WITHOUT NOTICEABLE STREAKS, VACUUM CLEAN FLOORS AND DAMP WIPE WALLS, FIXTURES AND EQUIPMENT TO BE DUST-FREE WITHOUT STAINS, FILMS AND OTHER DISTRACTING SUBSTANCES
- 71. CLEAN THE PROJECT SITE OF RUBBISH, LITTER AND OTHER FOREIGN SUBSTANCES. BROOM CLEAN PAVED AREAS AND REMOVE STAINS, SPILLS AND OTHER FOREIGN DEPOSITS. RAKE GROUNDS THAT ARE NEITHER PAVED NOR PLANTED, TO A SMOOTH EVEN-TEXTURED SURFACE.

#### GENERAL DRAWING REFERENCES REFER TO GENERAL NOTES SHEETS FOR EACH PROFESSIONAL DISCIPLINE FOR ALL OTHER CONSTRUCTION REQUIREMENTS NOT LISTED BELOW.

- 72. DIVISION 4 MASONRY: 72.1. PROVIDE MASONRY CONTROL-JOINTS AT 24 FT SPACING MAXIMUM (EVEN IF NOT NOTED), AND WHERE
- 73. DIVISION 5 METAL: 73.1. PROVIDE .042 INCH (18 GA) COLD-FORMED METAL FRAMING AT 16 INCH OC AT EXTERIOR FRAMED WALLS MINIMUM, OR GREATER AS NOTED ON STRUCTURAL DRAWINGS.
- 74. DIVISION 6 WOOD 74.1. PROVIDE PRESERVATIVE-TREATED WOOD WHEN WOOD IS IN DIRECT CONTACT WITH CONCRETE OR
- 74.2. PROVIDE FIRE-RETARDANT TREATED PLYWOOD BACKING AT ALL ELECTRICAL, PHONE AND SECURITY SYSTEM PANELS.
- 74.3. PROVIDE CONCEALED WOOD BLOCKING, BRACING OR NAILERS FOR SECURE ANCHORAGE OF ALL SHELVES, RUNNING TRIM, RAILINGS, SUSPENDED ITEMS, DOOR-STOPS, GRAB-BARS, AND OTHER SIMILAR WOODWORK, HARDWARE, SPECIALTIES, ACCESSORIES, FIXTURES OR EQUIPMENT.
- 74.4. CUT TO FIT ALL WOOD TRIM OR OTHER PREFINISHED TRIM UNITS AND FINISH ALL EXPOSED SURFACES TO MATCH ADJACENT FINISHED MATERIALS, INSTALL WOODWORK WITH A MINIMUM NUMBER OF JOINTS. COPE ALL RETURNS, MITER ALL CORNERS AND USE SCARF-JOINTS AT END-TO-END CONNECTIONS (BUTT JOINTS ARE NOT ACCEPTABLE). REFINISH ALL EXPOSED CUTS AND DAMAGED WOODWORK.
- 74.5. ANCHOR WOOD BLOCKING TO METAL STUD FRAMING W/ #12 TEK SCREWS @ 16" OC MAX ANCHOR BLOCKING TO CMU'S OR CONCRETE WITH 1/4" TAPCONS AT MAXIMUM 16" OC. STAGGER FASTENERS WHEN BLOCKING IS WIDER THAN 6" NOMINAL. 75. DIVISION 7 - THERMAL MOISTURE:
- 75.1. VERIFY THAT ALL EXTERIOR FINISHED GRADES ADJACENT TO EXTERIOR WALL ARE BELOW THE FINISHED FLOOR ELEVATION. IF NOT, PROVIDE WATERPROOF MEMBRANE WITH PROTECTION COURSE OVER EITHER SMOOTH-SURFACED MASONRY OR CAST-IN-PLACE CONCRETE TURNED-UP FROM THE FLOOR
- 75.2. PROVIDE MIN 3-1/2" BATT INSULATION ON CEILINGS ABOVE AND WITHIN PARTITIONS AROUND AND BETWEEN ALL TOILET ROOMS TYPICALLY 75.3. SEAL ALL EXTERIOR BUILDING JOINTS AT BOTH THE OUTSIDE AND INSIDE SURFACES, AND OTHER
- OPENINGS AGAINST MOISTURE AND AIR-INFILTRATION. AT JOINTS AROUND STOREFRONT/CURTAIN WALL SYSTEMS, PROVIDE SHIM-SPACE AND SEALANT INSIDE AND OUTSIDE WITH BACKER-ROD. 75.4. PROVIDE SEALANT ALL-AROUND: DOOR OR WINDOW FRAMES, COUNTERTOPS & BACK-SPLASHES,
- WALL-MOUNTED FIXTURES OR EQUIPMENT (INCLUDING LAVS OR SINKS) TO ADJACENT WALL SURFACES, AND OTHER SIMILAR LOCATIONS. 76. DIVISION 8 - OPENINGS:
- 76.1. DOOR AND WINDOW DIMENSIONS NOTED ARE NOMINAL COORDINATE WITH FIELD-CONDITIONS AND VERIFY WITH MANUFACTURERS BEFORE FABRICATION. 76.2. HARDWARE MATERIALS: PROVIDE NON-FERROUS MATERIALS AT EXTERIOR LOCATIONS.
- 77. DIVISION 9 FINISHES: 77.1. DRYWALL CONTROL JOINTS: LOCATE ABOVE ONE SIDES OF ALL DOOR FRAMES (MIN), AND AT 30 FT

MAX UNINTERRUPTED SURFACE SPACING AND AS NOTED.

- 77.1. PROVIDE 5/8" THICK GLASS-MAT GYPSUM BACKER-BOARD AT ALL PARTITIONS W/ TILE FINISH. 77.2. PROVIDE BACK-TO-BACK DOUBLED .0312" (20 GA) METAL STUDS WHERE WALL-BLOCKING IS PROVIDED
- FOR SUPPORT OF GRAB-BARS OR SHELVING. 77.3. DRYWALL HEADERS: PROVIDE FRAMING @ 16" OC SUSPENDED FROM STRUCTURE ABV W/ 1 LAYER 5/8" GYP BD ON EXPOSED SIDE(S) AND BOTTOM SURFACE.
- 77.4. PAINT OR STAIN FINISH ALL EXPOSED SURFACES OF CONSTRUCTION UNLESS NOTED OTHERWISE OR IF SURFACE IS PRE-FINISHED. PROVIDE PAINT FINISH MIN AT ALL SURFACES NOT OTHERWISE INDICATED TO RECEIVE OTHER FINISH. FINISH EXPOSED EDGES OR SURFACES OF CUT WOOD OR PREFINISHED TRIM TO MATCH ADJACENT SURFACES
- 78. DIVISION 10 SPECIALTIES: 78.1. AT "ASSEMBLY" OCCUPANCIES PROVIDE "MAXIMUM OCCUPANCY" SIGN IN A CONSPICUOUS LOCATION AS APPROVED BY AHJ.
- 78.2. ACCESSIBLE DOOR SIGN W/ RAISED LETTERS, PICTORIAL-SYMBOL & BRAILLE PLATE READING "MEN", WOMEN", "RESTROOM" OR AS APPROPRIATE TO USE/TITLE OF ROOM - MOUNT 9" FROM STRIKE EDGE OF DOOR & 60 INCHES AFF TO SIGN CENTERLINES 78.3. TOWEL-DISPENSER AND WASTE RECEPTACLE AT EACH LAVATORY OR HAND SINK - PROVIDE WALL
- BLOCKING IF NECESSARY FOR SECURE ATTACHMENT. 79. DIVISION 11 - EQUIPMENT: 79.1. PROVIDE WATER-SERVICE SHUTOFF-VALVE W/ BACK-FLOW PREVENTER (DOWNSTREAM OF VALVE) AT EA HOT- OR COLD-WATER CONNECTION TO EQUIPMENT (EXCEPT AT SINKS).
- 79.2. PROVIDE SHUTOFF VALVES (STOPS), SUPPLIES AND TRAPS AT ALL LAVS OR SINKS. 80. DIVISION 21 - FIRE SUPPRESSION SYSTEM NOTES: 80.1. SUBMIT SPRINKLER-SYSTEM DESIGN DRAWINGS TO AHJ AND OWNER (WHEN APPLICABLE) AND OBTAIN
- THEIR APPROVAL BEFORE STARTING WORK 80.2. PROVIDE SEMI-CONCEALED TYPE SPRINKLER HEADS IN PUBLIC VIEW AREAS. PROVIDE STANDARD SURFACE-MTD SPRINKLER HEADS IN BACK AREAS NOT IN PUBLIC VIEW, UNLESS OTHERWISE NOTED. 81. DIVISION 32 - SITE IMPROVEMENTS
- 81.1. MAXIMUM ALLOWABLE SLOPE OF NEW PAVEMENT: 4.9% (1:21). 81.2. MAXIMUM ALLOWABLE CROSS-SLOPE OF NEW PAVEMENT: 2% (1:48).
- 81.3. MINIMUM SLOPE OF EXTERIOR PAVEMENT (WITHIN 10 FEET OF BUILDING) 2% DRAINING AWAY FROM

### CONCRETE CONSTRUCTION NOTES

- ALL STRUCTURAL ITEMS FOR THIS PROJECT HAVE BEEN DESIGNED IN ACCORDANCE WITH APPROPRIATE PROVISIONS OF EACH OF THE FOLLOWING CODES WITH THE MOST RECENT VERSIONS LISTED IN THE STATE
- A. THE STATE BUILDING CODE LISTED IN THE "DESIGN AND LOADING" SECTION BELOW.
- B. ACL STANDARD 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE

F. ASCE 7-10 "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES".

- C. BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530/ASCE 5/TMS 402). D. AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" THIRTEENTH EDITION
- E. AMERICAN FOREST AND PAPER ASSOCIATION, NATIONAL DESIGN SPECIFICATION 2012 EDITION.
- PROVIDE SOIL EXCAVATION, SURFACE PREPARATION, SOIL COMPACTION AND PLACEMENT OF FOUNDATIONS TO ENSURE PROPER BEARING CAPACITY AS FOLLOWS
- SOFT YIELDING SOILS THAT MAY REQUIRE OVER-EXCAVATION AND REPLACEMENT FILLING. B. PRIOR TO PLACING ANY FILL OR SUBBASE MATERIALS, EXISTING SOILS SHOULD BE COMPACTED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
- C. STRUCTURAL FILL SHOULD BE PLACED IN MAXIMUM NINE-INCH LOOSE LIFTS AND COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY WITHIN A TARGETED 2% OF OPTIMUM MOISTURE CONTENT AS PER ASTM D
- 1557 (MODIFIED PROCTOR). D. PROVIDE STRUCTURAL FILL TESTING IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS. FILL SAMPLES

A. CAREFUL OBSERVATIONS SHOULD BE MADE DURING PROOF ROLLING TO HELP IDENTIFY ANY AREAS OF

- SHOULD BE TESTED TO DETERMINE THE MAXIMUM DRY DENSITY, OPTIMUM MOISTURE CONTENT, NATURAL MOISTURE CONTENT, GRADATION, AND PLASTICITY BACKFILLING AGAINST FOUNDATION WALLS SHALL BE DONE CAREFULLY WITH SMALL COMPACTION
- EQUIPMENT, AFTER SLABS ON GROUND ARE IN PLACE AND CONCRETE HAS SET. NO TRUCKS, BULLDOZERS ETC. SHALL BE ALLOWED CLOSER THAN 6'-0" TO ANY FOUNDATION WALL. ANY WALL 3'-0" OR HIGHER MUST BE BRACED DURING THE CONSTRUCTION PROCESS.
- NO FOUNDATIONS SHALL BE PLACED ABOVE 1 VERTICAL ON 2 HORIZONTAL SLOPES EXTENDED FROM THE CLOSEST EDGE OF ANY UNDISTURBED SOIL OR OTHER FOUNDATION STRUCTURE

ALL CONCRETE WORK SHALL CONFORM TO THE LATEST ACI "BUILDING CODE REQUIREMENTS FOR

- REINFORCED CONCRETE, ACI-318". 6. ALL CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTHS AS INDICATED BELOW:
- MAX W/C RATIO CONCRETE STRENGTH AGGREGATE-TYPE 4,500 PSI
- ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE, NEW BILLET STEEL, DEFORMED BARS, CONFORMING TO ASTM A-615, GRADE 60. ALL BARS SHALL BE SECURELY SUPPORTED AND WIRED IN PLACE. PRIOR TO
- POURING CONCRETE. ALL REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A-706. ALL WELDED WIRE FABRIC (W.W.F.) IN FLAT SHEETS ONLY AND SHALL CONFORM TO ASTM A-185.
- UNLESS NOTED, ALL BARS MARKED CONTINUOUS SHALL BE SPLICED AT ALL LAP JOINTS AND CORNERS AND DEVELOPED AT NON-CONTINUOUS ENDS AS PER TYPICAL DETAILS. SPLICE CONTINUOUS TOP BARS AT CENTER BETWEEN SUPPORTS AND SPLICE CONTINUOUS BOTTOM BARS AT SUPPORTS.
- 10. CONCRETE COVER FOR REINFORCING BARS SHOWN IN TYPICAL DETAILS 11. UNLESS NOTED, TEMPERATURE REINFORCING (ASTM A-615-60) TO BE 0.0018 X CONCRETE AREA.
- 2. PROVIDE #4 @ 12" O.C., WITH STANDARD HOOK, TOP BARS IN ALL SLABS AT DISCONTINUOUS ENDS UNLESS OTHERWISE NOTED ON PLANS. LENGTH OF BARS 1/4 OF SPAN, MINIMUM 3'-0". UNLESS OTHERWISE NOTED PROVIDE #4 @ 12" O.C IN ALL CANTILEVERS. BAR LENGTH SHALL BE CANTILEVER SPAN PLUS 10'-0" PLUS STANDARD HOOK AT CANTILEVER ENDS.
- 3. WHERE PIPE SLEEVES (UP TO 2" IN DIAMETER) PASS THROUGH CONCRETE BEAMS, PROVIDE ADDITIONAL STIRRUP EACH SIDE OF SLEEVE, SLEEVES FOR PIPES 2" IN DIAMETER OR LARGER MUST BE STEEL OR CAST IRON, AND THE LOCATION MUST BE APPROVED BY THE STRUCTURAL ENGINEER
- 4. ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED JUST BEFORE PLACING NEW CONCRETE IN ACCORDANCE WITH THE BUILDING CODE.
- 5. CONTRACTOR SHALL COORDINATE PLACEMENT OF, OR BOX OUT FOR, ALL PIPE SLEEVES, OPENINGS, ETC. REQUIRED FOR VARIOUS TRADES.
- ANCHORS, INSERTS, BOLTS, HANGERS, ETC., AS REQUIRED FOR THEIR USE. '. UNDER NO CIRCUMSTANCES SHALL CONCRETE BE PUMPED THROUGH ALUMINUM PIPES. CONCRETE SHALL NOT BE PLACED IN CONTACT WITH ALUMINUM, ALUMINUM MIXING DRUMS, TRUCK MIXERS, BUGGIES, CHUTES, CONVEYORS, TREMIE PIPES, AND OTHER EQUIPMENT MADE OF ALUMINUM SHALL NOT BE USED ON THIS

6. CONTRACTOR SHALL COORDINATE AND NOTIFY OTHER TRADES IN SUFFICIENT TIME TO ALLOW THEM TO SET

- 8. SLUMPS OF OVER 4 INCHES WILL NOT BE PERMITTED UNLESS THE HRWR ADMIXTURE (SUPER PLASTICIZER) IS USED MAXIMUM SLUMP IS THEN 8 INCHES UNLESS OTHERWISE DIRECTED BY THE ENGINEER
- 19. NO ADMIXTURE SHALL BE USED IN CONCRETE EXCEPT WITH THE PERMISSION OF THE ENGINEERS AND AFTER LABORATORY DESIGN MIX APPROVAL. ALL ADMIXTURES SHALL CONTAIN NO MORE CHLORIDE IONS THAN ARI
- PRESENT IN MUNICIPAL DRINKING WATER. 20. WATER REDUCING ADMIXTURE SHALL CONFORM TO THE ASTM C-494, TYPE A, AND SHALL BE USED IN ALL
- 21. AIR ENTRAINING ADMIXTURE SHALL CONFORM TO ASTM C260. AIR CONTENT OF CONCRETE SHALL BE USED A:
- A. FOR CONCRETE EXPOSED TO SOIL AND/OR WEATHER, 5%

RECOMMENDATION MAY BE USED AS ALTERNATE.

B. FOR INTERIOR WALLS, COLUMNS, AND SLABS, 3% FLY ASH - ASTMC618, TYPE C OR TYPE F SHOULD BE USED BUT NOT TO EXCEED 20% CEMENTITIOUS CONTENT. 23. ALL EXPOSED CONCRETE SLABS SHALL RECEIVE A CURING COMPOUND. THE CURING COMPOUND SHALL CONFORM TO ASTM C309 AND SHALL HAVE 30% SOLIDS MINIMUM. WATER/BLANKET CURING AS PER ACI





612.547.1300

nereby certify that this plan, specification, or report was prepared

rchitect under the laws of the state of Minnesota.

Reaistration No: 18079

SSUE DATE

, me or under my direct supervision and that I am a duly License

Patrick Blees

DESCRIPTION

10.22.2021 100% SET REVIEW

PROJECT INFORMATION

PROJECT NO: 05.18.2021 SCALE: AS NOTED DRAWN BY: D.WHITEHOUSE

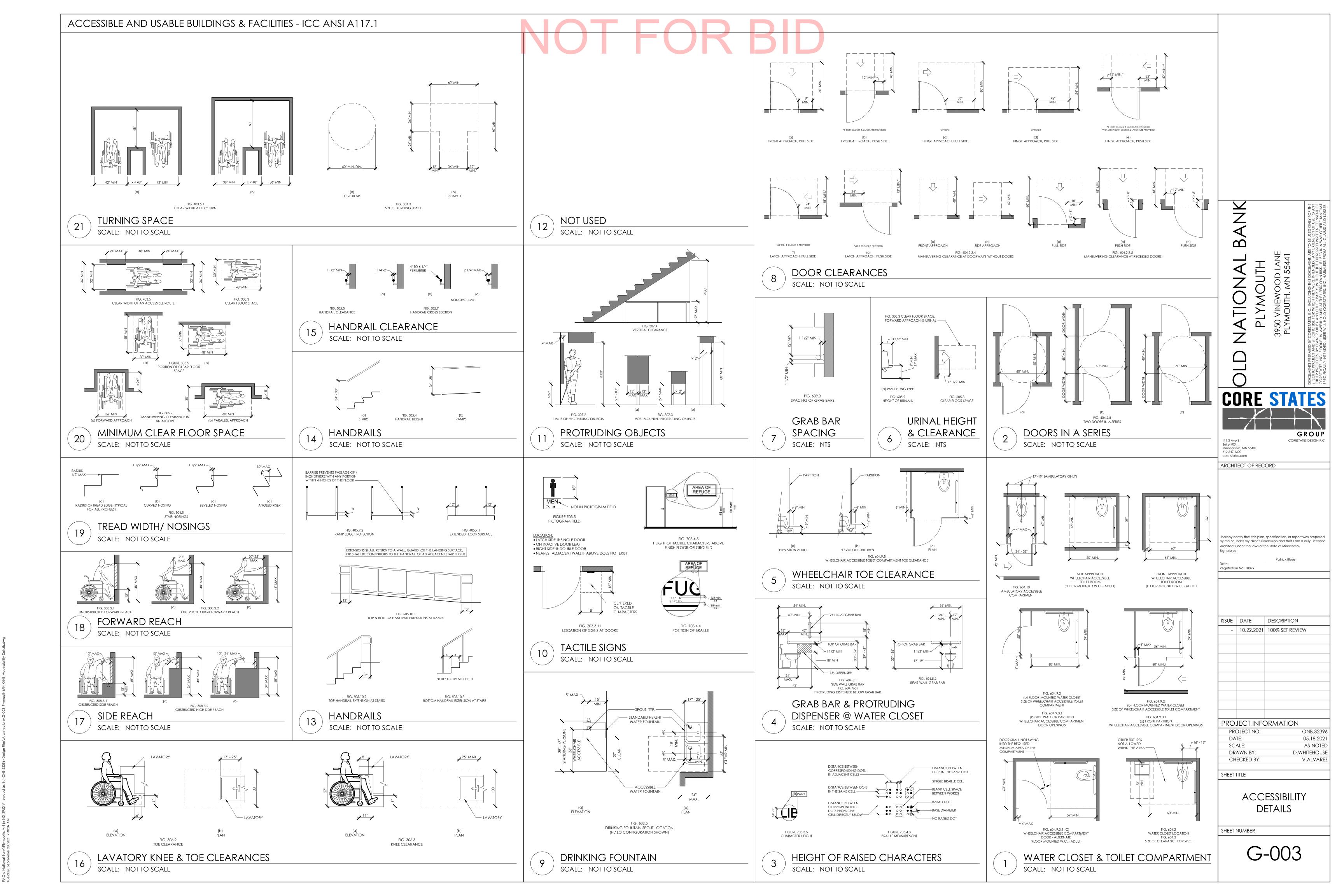
V.ALVAREZ

CHECKED BY:

SHEET TITLE

GENERAL NOTES, DRAWING CONVENTIONS, & ABBREVIATIONS

SHEET NUMBER



GLEN GARY BRICK - BRICK FINISH

MILLWORK

PΥ

P:\Old National Bank\Plymouth, MN (#640\_3950 Vinewood Ln. N.)-ONB.32396\Design Files\Architecture\G-004\_Plymouth MN\_ON Monday, October 25, 2021 2:15:37 PM

# ROOM A 10 B 2.0" C 34" DIAGONAL DISTANCE = 100 VESTIBULE 110 UNISEX RESTROOM SEMI-PRIVATE CONSULTATION 109 COUPON BOOTH 108 SAFE DEPOSIT BOX NESTS 106 SEMI-PRIVATE MANAGER CONSULTATION— CONFERENCE ROOM

### LIFE SAFTEY/ ACCESSIBILITY NOTES

WHILE IT IS THE INTENT OF THE ARCHITECT, HIS/HER EMPLOYEES, AND ASSIGNS TO ADHERE TO ALL ASPECTS AND REGULATIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL ACCESSIBILITY CODES, THE CONTRACTOR SHALL NOT BE RELIEVED OF SOLE RESPONSIBILITY TO VERIFY ALL REQUIREMENTS OF SAID ACTS AS PERTAINING TO CONTRACT DOCUMENT CONTAINED HEREIN PRIOR TO COMMENCEMENT OF ANY WORK.

THE CONTRACTOR SHALL ALSO BE RESPONSIBLE TO IMMEDIATELY NOTIFY THE ARCHITECT OF POSSIBLE DISCREPANCIES & TO PAY SPECIAL ATTENTION TO ITEMS LISTED BELOW:

- A. REFER TO COVER SHEET FOR CODE SUMMARY & BUILDING DATA.
- B. REFER TO ARCHITECTURAL FLOOR PLANS FOR BUILDING DIMENSIONS.
- C. REQUIRED ACCESSIBLE PARKING AREAS, CURBS, CROSSWALKS, SIGNS, ETC., SHALL COMPLY WITH CURRENT STATE AND LOCAL CODES.
- D. TACTILE EXIT SIGNS SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS:
- D.1. EACH GRADE LEVEL EXTERIOR DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORD "EXIT".
- D.2. EACH EXIT, EXIT ACCESS DOOR FROM AN INTERIOR ROOM OR AREA TO A CORRIDOR OR HALLWAY THAT IS REQUIRED TO HAVE A VISUAL EXIT SIGN, SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS, "EXIT ROUTE".
- A. THE BOTTOM 10" OF ALL DOORS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE TO ALLOW DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST.
- B. NO THRESHOLD SHALL EXCEED 1/2" IN HEIGHT.
- C. HAND-OPERATED DOOR OPENING HARDWARE SHALL NOT REQUIRE TIGHT GRASPING OR TWISTING OF THE WRIST IN ORDER TO OPERATE, AND SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
- D. MAXIMUM FORCE REQUIRED TO OPEN EXTERIOR DOORS SHALL NOT EXCEED 5 LBS. MAXIMUM FORCE REQUIRED TO OPEN INTERIOR DOORS SHALL NOT EXCEED 5 LBS.
- E. IF A DOOR HAS A CLOSER, THEN THE SWEEP PERIOD OF THE CLOSER Shall be adjusted so that from an open position of 70 DEGREES, THE DOOR WILL TAKE AT LEAST 3 SECONDS TO MOVE TO A POINT 5 INCHES FROM THE LATCH, MEASURED TO THE LEADING EDGE OF THE DOOR.
- FAUCET CONTROL AND OPERATING MECHANISMS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE CONTROLS SHALL BE NO GREATER THAN 5 LBS. LEVER OPERATED, FLUSH TYPE AND ELECTRONICALLY OPERATED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. IF SELF CLOSING VALVES ARE USED, THE FAUCET SHALL REMAIN OPEN FOR A MINIMUM OF 10 SECONDS.
- G. PROVIDE SIGNAGE WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY IN ACCORDANCE WITH ANSI A117.1 (LATEST EDITION) AND ADA
- H. SIGNAGE HEIGHT SHALL BE IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL ACCESSIBILITY CODES.
- RESTROOM SIGNAGE SHALL BE MOUNTED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE RESPECTIVE RESTROOM DOOR.
- J. FLAME SPREAD RATING SHALL BE CLASS C MINIMUM.

# FIRE EXSTINGUISHER LEGEND

TYPE 1 - 10 LB. DRY CHEMICAL (ABC) MP10 W/ ARCHITECTURAL SERIES CABINET - 2409-6R VERTICAL DUO LAMINATED SAFETY GLASS

> ROUGH OPENING = 25' X 10-1/2' X 4" MOUNT AT 50" A.F.F. TO TOP OF OPENING

### EXITING REQUIREMENTS

AREA	REQUIRED	PROVID
COMMON PATH OF EGRESS TRAVEL (CPET)	75'	29'
MINIMUM NUBER OF EXITS	1 EXIT	2
TRAVEL DISTANCE MAXIMUM	300'	69'
DIAGONAL OF BUSINESS AREA:  - 1/3 OF DIAGONAL DISTANCE W/ AUTOMATIC SPRINKLER	27'-10"	65'-11
DEAD END CORRIDOR MAXIMUM	50'	16'-11

### EGRESS LEGEND

Α	OCCUPANT LOAD AT THIS EXIT
В	REQUIRED EXIT WIDTH (0.2" PER OCCUPANT)
С	PROVIDED EXIT WIDTH

### LIFE SAFETY LEGEND

LENGTH OF EXIT TRAVEL DISTANCE FROM START POINT (FEET)

CPET DISTANCE FROM START POINT (FEET)

EXIT SIGN (SEE ELECTRICAL SHEETS) LOCATION OF EXIT TEXT

FIRE EXTINGUISHER CABINET

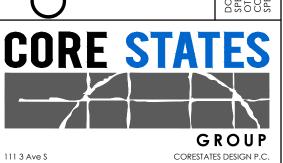
**---** EXIT TRAVEL DISTANCE (36" CLEAR WIDTH MIN.)

PORTABLE FIRE EXTINGUISHER

TACTILE "EXIT" SIGN

INTERNATIONAL SIGN OF ACCESSIBILITY

 $\mathbf{\Omega}$ PLYMOUTH



Suite 400 Minneapolis, MN 55401 612.547.1300 ARCHITECT OF RECORD

nereby certify that this plan, specification, or report was prepared y me or under my direct supervision and that I am a duly Licensed rchitect under the laws of the state of Minnesota.

egistration No: 18079

ISSUE DATE DESCRIPTION 10.22.2021 100% SET REVIEW

PROJECT INFORMATION PROJECT NO:

05.18.2021 SCALE: AS NOTED D.WHITEHOUSE DRAWN BY: CHECKED BY: V.ALVAREZ

SHEET TITLE

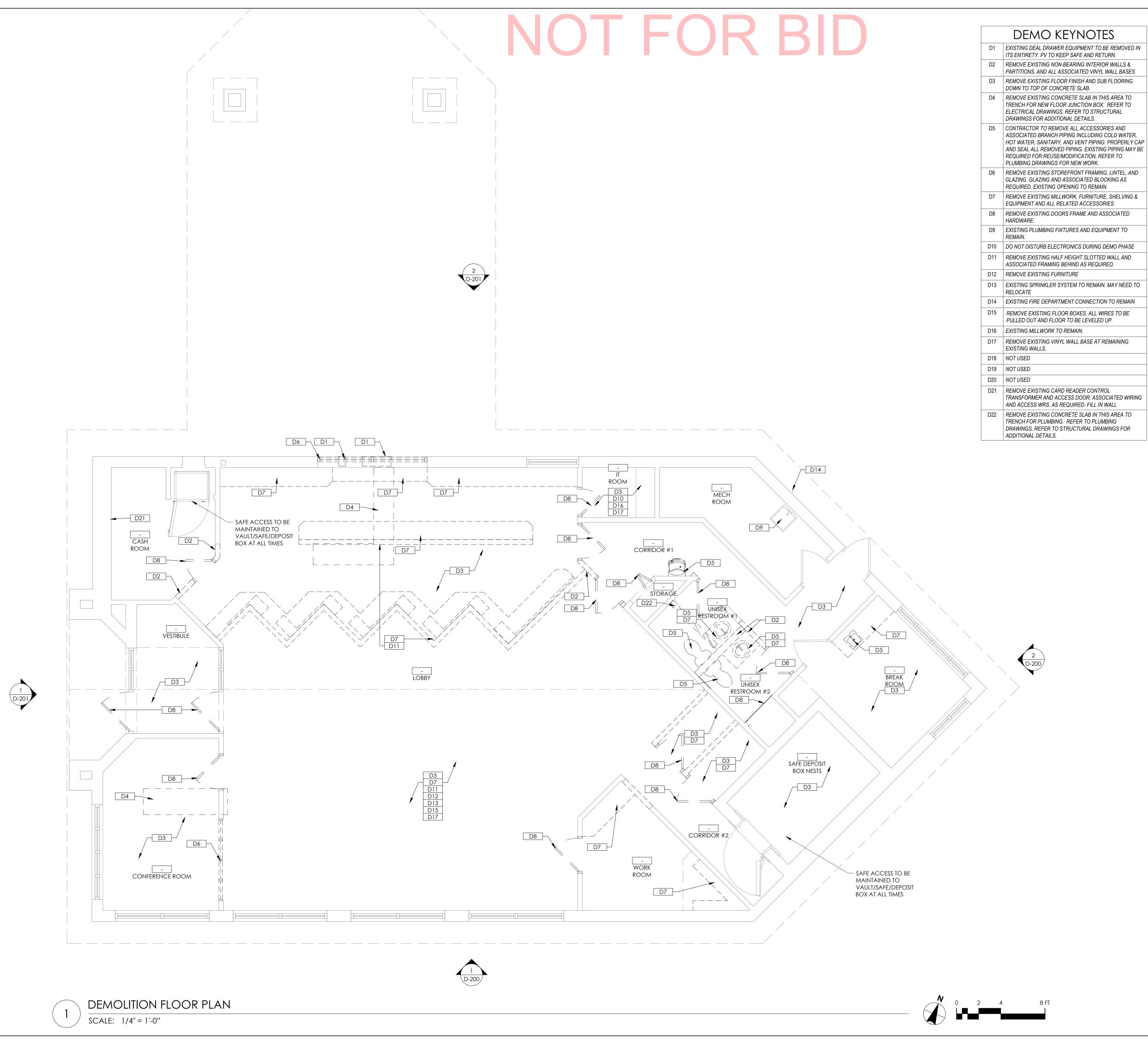
LIFE SAFETY & ACCESSIBILITY PLAN

SHEET NUMBER

G-100

SCALE: 1/4" = 1'-0"

LIFE SAFETY/ ACCESSIBILITY PLAN



- PARTITIONS. AND ALL ASSOCIATED VINYL WALL BASES

### GENERAL DEMOLITION **NOTES**

REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS INCLUDING. BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR IS DESIGNATED TO MAKE REMOVALS, DISPOSAL OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER REP, THE REMOVAL/ DISPOSAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.

- ALL REMOVALS AND SALVAGE, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS. CONTRACTOR TO VERIFY, PRIOR TO REMOVAL, THAT NO STRUCTURAL
- COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC. SUPPORTING FLOOR, ROOF, OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL UNLESS SPECIFICALLY NOTED OTHERWISE IN ARCHITECTURAL AND STRUCTURAL PLANS. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
- INSPECT, TEST, AND DISCONNECT UTILITY SERVICES AND MAIN SOURCE OR MAIN BRANCH WITHOUT DISRUPTING UTILITY SERVICE. SECURELY CAP AND/OR VALVE-OFF UTILITY SERVICE BEHIND FINISHED SURFACES OF INTENDED CONSTRUCTION PRIOR TO DEMOLITION OPERATIONS. UTILITY SERVICES SHALL BE DEEMED AS PLUMBING, ELECTRICAL, AND GAS. EXISTING ELECTRIC FEEDS TO EXISTING LIGHTS TO BE REUSED WHEREVER POSSIBLE.

COORDINATE LIMIT OF DEMOLITION WITH THE CONSTRUCTION PLAN.

WHERE EXISTING BUILDING ELEMENTS ARE TO REMAIN, INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, WINDOW TRIM, FASCIAS AND SOFFITS, PROTECT THOSE PARTS OF THE BUILDING WITH TEMPORARY FENCING OR PADDING AS NEEDED TO ENSURE NO DAMAGE TO THOSE ELEMENTS DURING DEMOLITION. ANY DAMAGE SUSTAINED TO EXISTING BUILDING ELEMENTS TO REMAIN MUST BE REPAIRED TO 'AS NEW' CONDITION AT THE CONTRACTOR'S EXPENSE.

EXISTING CONDITIONS SHOWN ON THE PLAN ARE BASED UPON THE BEST

- AVAILABLE PUBLIC AND/OR PRIVATE RECORDS AS SUPPLIED BY THE PROJECT OWNER AND/OR DATA OBTAINED FROM OWNERS OR OFFICIALS ASSOCIATED WITH THE PARTICULAR BUILDING. NEITHER THE OWNER NOR THE ARCHITECT GUARANTEE THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND ASSUME NO RESPONSIBILITY FOR INFORMATION NOT SHOWN ON EXISTING DOCUMENTS OR EXISTING INACCESSIBLE SPACES. WHEN INCLUDED IN THE AREA OF WORK, THE GENERAL CONTRACTOR MUST PERFORM EXPLORATORY DEMOLITION OF ALL INACCESSIBLE LOCATIONS AND NOTIFY THE ARCHITECT, ENGINEERS AND OWNER IMMEDIATELY OF THE CONDITIONS FOUND. PROVIDE A MINIMUM OF TWO (2), 25 LB FIRE EXTINGUISHERS APPROVED FOR
- 'A', 'B' AND 'C' TYPE FIRES, TO BE LOCATED AT THE ENTRY/EXIT POINTS TO THE SITE. FIRE EXTINGUISHERS ARE TO REMAIN WORKING ORDER ON THE FLOORS WHEN CONTRACT WORK IS IN PROGRESS. COORDINATE WITH OWNER/TENANT ON SECURITY SYSTEM REMOVAL AND
- RELOCATION. DEMOLITION AND REMOVAL OPERATIONS SHALL NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE BUILDING. CUTTING METHODS THROUGH ANY STRUCTURAL ITEMS (CONCRETE, CMU, ETC.) TO BE APPROVED BY

BUILDING OWNER/LANDLORD.

- DEMOLITION SHALL BE DONE IN A NEAT WORKMAN LIKE MANNER, WITHIN THE LIMITS INDICATED ON THE DRAWINGS, AND IN ALL CASES, TO THE EXTENT
- NEEDED TO PRODUCE THE INTENDED WORK. COMPLETELY REMOVE ANY UN-USED ELECTRICAL, MECHANICAL, PLUMBING
- 13 ALL EXISTING FRAMED WALLS TO BE REMOVED AS INDICATED IN PLANS. WHERE EXISTING WALLS ARE TO REAMIN, PATCH GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING THICKNESS AND MAINTAIN UNIFORM WALL THICKNESS. ALL EXPOSED PORTIONS OF WALL SHALL BE FINISHED WITH SPACKLING, SANDED, AND LEFT IN A PAINT READY CONDITION. REFER TO THE PROJECT MANUAL FOR THE REQUIRED LEVEL OF FINISH.

AND DATA BACK TO SOURCE AS PER NEC GUIDELINES.

- 14 ALL EXISTING FRAMED WALLS TO BE REMOVED AS INDICATED IN PLANS. WHERE EXISTING WALLS ARE TO REAMIN, PATCH GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING THICKNESS AND MAINTAIN UNIFORM WAL THICKNESS. ALL EXPOSED PORTIONS OF WALL SHALL BE FINISHED WITH SPACKLING, SANDED, AND LEFT IN A PAINT READY CONDITION. REFER TO THE PROJECT MANUAL FOR THE REQUIRED LEVEL OF FINISH.
- 15 FLOOR TO BE CUT FOR ELECTRICAL AND PLUMBING CONNECTIONS. ROUTE UNDER FLOOR FROM THE NEAREST TIE-IN LOCATION. REFER TO DRAWINGS FOR LOCATIONS OF J-BOX AND UTILITY LOCATIONS.
- 16 G.C. TO PROVIDE ALTERNATE TO REMOVE AND DISPOSE OF FURNITURE.

# GENERAL MECH. & PLUMB. **DEMOLITION NOTES**

- A CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
- WHERE DRAWINGS CALL FOR REMOVAL OF EXISTING DUCTWORK, CONTRACTOR TO ALSO REMOVE ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO: DUCT HANGERS, DUCT INSULATION, BALANCING DAMPERS, AND AIR DEVICES. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
- WHERE DRAWINGS CALL FOR EXISTING ROOF-TOP UNITS TO BE REMOVED, CONTACTOR TO ALSO REMOVE ASSOCIATED CONTROLS, CONTROLLERS, AND CONTROL WIRING. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS. EXISTING ROOF PENETRATION TO REMAIN AND BE RE-WORKED FOR NEW ROOF-TOP UNITS AND ASSOCIATED DUCT DROPS.
- D CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES, INCLUDING BUT NOT LIMITED TO, WATER CLOSETS, LAVATORIES, AND MOP SINKS. REMOVE ALL ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, AND VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING SANITARY, VENT, AND COLD WATER MAIN PIPING TO REMAIN AND BE RE-USED.
- PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

### CHECKED BY: SHEET TITLE

EXISTING CONSTRUCTION TO

 $-\,-\,-\,-\,-$  Existing construction to be REMOVED EXISTING FLOOR CONSTRUCTION

TO BE REMOVED

DEMO LEGEND

DEMOLITION FLOOR PLAN

PROJECT INFORMATION

PROJECT NO:

DRAWN BY:

SCALE:

PLYMOUTH

Minneapolis, MN 55401 612.547.1300

Registration No: 18079

SSUE DATE

ARCHITECT OF RECORD

ereby certify that this plan, specification, or report was prepared

me or under my direct supervision and that I am a duly Licensec

DESCRIPTION

ONB.32396 05.18.2021

AS NOTED

V.ALVAREZ

D.WHITEHOUSE

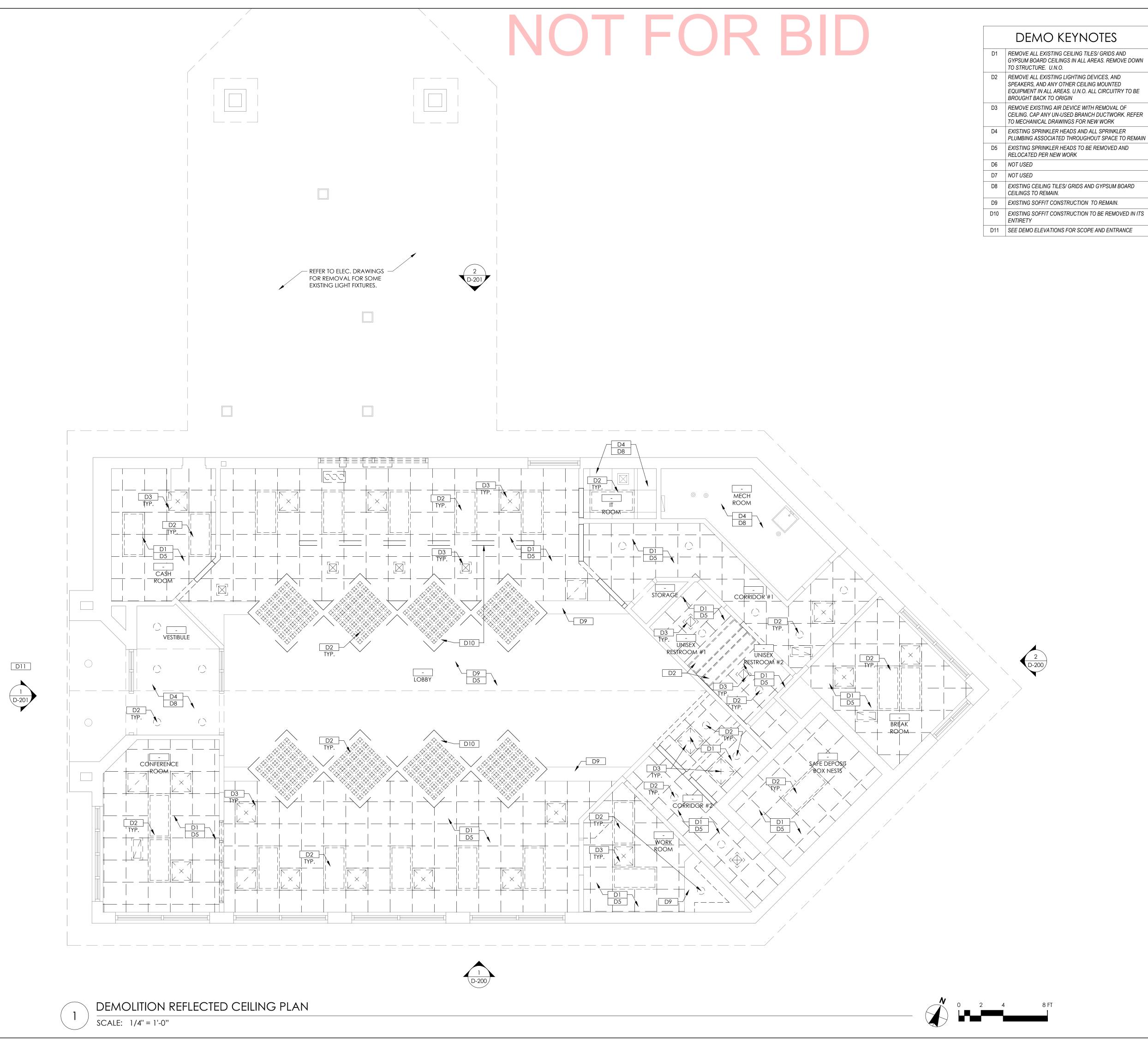
10.22.2021 100% SET REVIEW

chitect under the laws of the state of Minnesota.

GROUP

SHEET NUMBER

D-100



- GYPSUM BOARD CEILINGS IN ALL AREAS. REMOVE DOWN
- EQUIPMENT IN ALL AREAS. U.N.O. ALL CIRCUITRY TO BE

### GENERAL DEMOLITION NOTES

- REMOVE ALL EXISTING CONSTRUCTIONS AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS INCLUDING. BUT NOT LIMITED TO, ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AS REQUIRED ALL CONSTRUCTIONS TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR IS DESIGNATED TO MAKE REMOVALS. DISPOSAL OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER REP, THE REMOVAL/ DISPOSAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
- ALL REMOVALS AND SALVAGE, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE OWNER, SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- REMOVE ONLY NON-LOAD BEARING CONSTRUCTION AND PARTITIONS. CONTRACTOR TO VERIFY, PRIOR TO REMOVAL, THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC. SUPPORTING FLOOR, ROOF, OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL UNLESS SPECIFICALLY NOTED OTHERWISE IN ARCHITECTURAL AND STRUCTURAL PLANS. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON-CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATES HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
- 4 COORDINATE LIMIT OF DEMOLITION WITH THE CONSTRUCTION PLAN.
- INSPECT, TEST, AND DISCONNECT UTILITY SERVICES AND MAIN SOURCE OR MAIN BRANCH WITHOUT DISRUPTING UTILITY SERVICE. SECURELY CAP AND/OR VALVE-OFF UTILITY SERVICE BEHIND FINISHED SURFACES OF INTENDED CONSTRUCTION PRIOR TO DEMOLITION OPERATIONS. UTILITY | SERVICES SHALL BE DEEMED AS PLUMBING, ELECTRICAL, AND GAS. EXISTING ELECTRIC FEEDS TO EXISTING LIGHTS TO BE REUSED WHEREVER POSSIBLE.
- 6 WHERE EXISTING BUILDING ELEMENTS ARE TO REMAIN, INCLUDING BUT NOT LIMITED TO DOORS, WINDOWS, WINDOW TRIM, FASCIAS AND SOFFITS, PROTECT THOSE PARTS OF THE BUILDING WITH TEMPORARY FENCING OR PADDING AS NEEDED TO ENSURE NO DAMAGE TO THOSE ELEMENTS DURING DEMOLITION. ANY DAMAGE SUSTAINED TO EXISTING BUILDING ELEMENTS TO REMAIN MUST BE REPAIRED TO 'AS NEW' CONDITION AT THE CONTRACTOR'S EXPENSE.
- EXISTING CONDITIONS SHOWN ON THE PLAN ARE BASED UPON THE BEST AVAILABLE PUBLIC AND/OR PRIVATE RECORDS AS SUPPLIED BY THE PROJECT OWNER AND/OR DATA OBTAINED FROM OWNERS OR OFFICIALS ASSOCIATED WITH THE PARTICULAR BUILDING. NEITHER THE OWNER NOR THE ARCHITECT GUARANTEE THE ACCURACY OR COMPLETENESS OF THIS INFORMATION AND ASSUME NO RESPONSIBILITY FOR INFORMATION NOT SHOWN ON EXISTING DOCUMENTS OR EXISTING INACCESSIBLE SPACES. WHEN INCLUDED IN THE AREA OF WORK, THE GENERAL CONTRACTOR MUST PERFORM EXPLORATORY DEMOLITION OF ALL INACCESSIBLE LOCATIONS AND NOTIFY THE ARCHITECT, ENGINEERS AND OWNER IMMEDIATELY OF THE CONDITIONS FOUND.
- 8 PROVIDE A MINIMUM OF TWO (2), 25 LB FIRE EXTINGUISHERS APPROVED FOR 'A', 'B' AND 'C' TYPE FIRES, TO BE LOCATED AT THE ENTRY/EXIT POINTS TO THE SITE. FIRE EXTINGUISHERS ARE TO REMAIN WORKING ORDER ON THE FLOORS WHEN CONTRACT WORK IS IN PROGRESS. 9 COORDINATE WITH OWNER/TENANT ON SECURITY SYSTEM REMOVAL AND
- 10 DEMOLITION AND REMOVAL OPERATIONS SHALL NOT UNDERMINE THE STRUCTURAL INTEGRITY OF THE BUILDING. CUTTING METHODS THROUGH ANY STRUCTURAL ITEMS (CONCRETE, CMU, ETC.) TO BE APPROVED BY BUILDING OWNER/LANDLORD.

RELOCATION.

- DEMOLITION SHALL BE DONE IN A NEAT WORKMAN LIKE MANNER, WITHIN THE LIMITS INDICATED ON THE DRAWINGS, AND IN ALL CASES, TO THE EXTENT NEEDED TO PRODUCE THE INTENDED WORK.
- 12 COMPLETELY REMOVE ANY UN-USED ELECTRICAL AND DATA BACK TO SOURCE AS PER NEC GUIDELINES.
- 13 ALL EXISTING FRAMED WALLS TO BE REMOVED AS INDICATED IN PLANS. WHERE EXISTING WALLS ARE TO REAMIN, PATCH GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING THICKNESS AND MAINTAIN UNIFORM WALL THICKNESS. ALL EXPOSED PORTIONS OF WALL SHALL BE FINISHED WITH SPACKLING, SANDED, AND LEFT IN A PAINT READY CONDITION. REFER TO THE PROJECT MANUAL FOR THE REQUIRED LEVEL OF FINISH.
- 14 ALL EXISTING FRAMED WALLS TO BE REMOVED AS INDICATED IN PLANS. SPACKLING, SANDED, AND LEFT IN A PAINT READY CONDITION. REFER TO THE PROJECT MANUAL FOR THE REQUIRED LEVEL OF FINISH.
- 15 FLOOR TO BE CUT FOR ELECTRICAL AND PLUMBING CONNECTIONS. ROUTE UNDER FLOOR FROM THE NEAREST TIE-IN LOCATION. REFER TO DRAWINGS FOR LOCATIONS OF J-BOX AND UTILITY LOCATIONS.

# GENERAL MECH. & PLUMB. **DEMOLITION NOTES**

- A CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
- WHERE DRAWINGS CALL FOR REMOVAL OF EXISTING DUCTWORK, CONTRACTOR TO ALSO REMOVE ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO: DUCT HANGERS, DUCT INSULATION, BALANCING DAMPERS, AND AIR DEVICES. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
- WHERE DRAWINGS CALL FOR EXISTING ROOF-TOP UNITS TO BE REMOVED, CONTACTOR TO ALSO REMOVE ASSOCIATED CONTROLS, CONTROLLERS, AND CONTROL WIRING. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS. EXISTING ROOF PENETRATION TO REMAIN AND BE RE-WORKED FOR NEW ROOF-TOP UNITS AND ASSOCIATED DUCT DROPS.
- CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES, INCLUDING BUT NOT LIMITED TO, WATER CLOSETS, LAVATORIES, AND MOP SINKS. REMOVE ALL ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, AND VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING SANITARY, VENT, AND COLD WATER MAIN PIPING TO REMAIN AND BE RE-USED.
- PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

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egistration No: 18079

PROJECT INFORMATION PROJECT NO: 05.18.2021 SCALE: AS NOTED

D.WHITEHOUSE

V.ALVAREZ

SHEET TITLE

DRAWN BY: CHECKED BY:

DEMOLITION REFLECTED CEILING PLAN

SHEET NUMBER

D-121

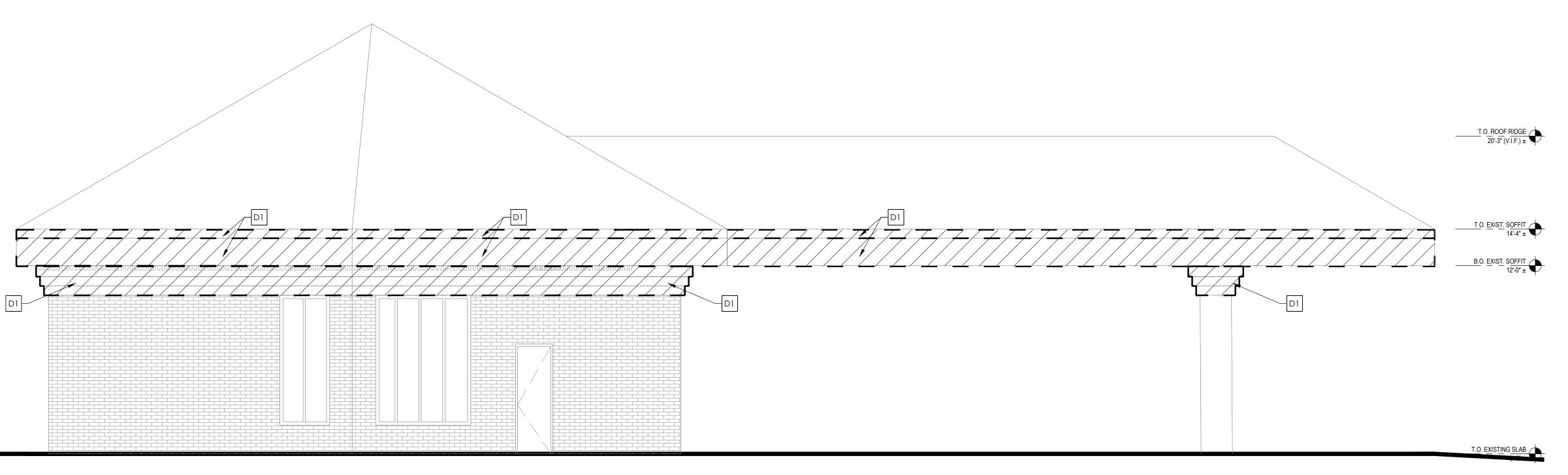
DEMO LEGEND

EXISTING CONSTRUCTION TO

**EXISTING CONSTRUCTION TO BE** REMOVED

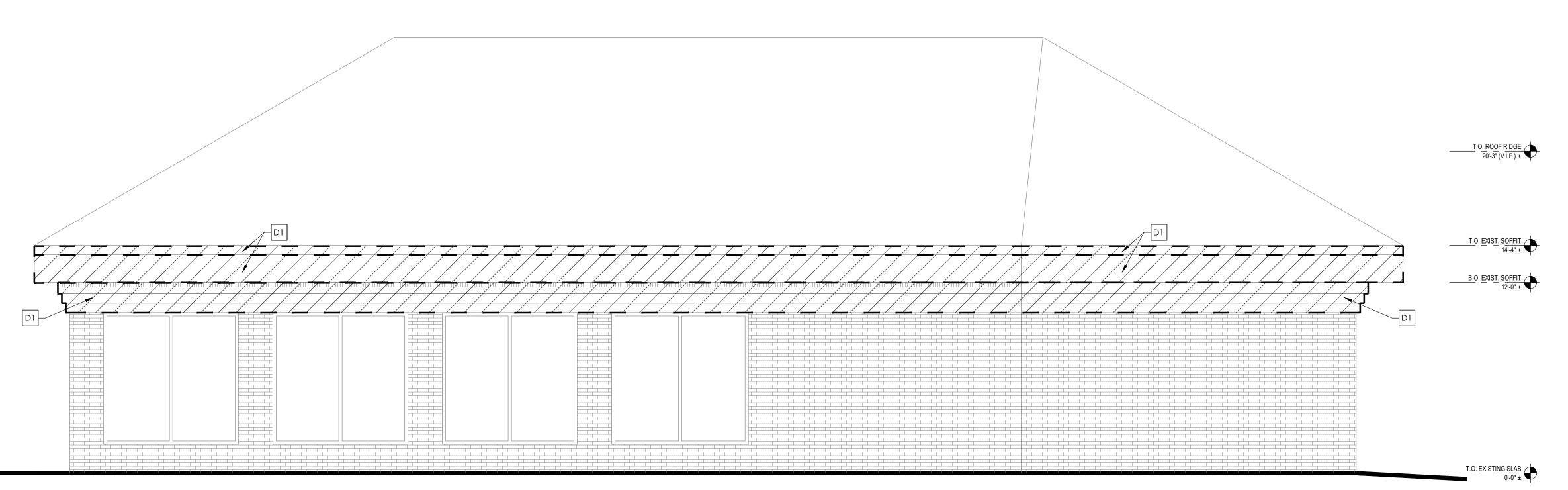
### DEMOLITION KEYNOTES

- D-1 CUT ROTTED SECTIONS OF WOOD FASCIA AND TRIM.
  REPAIR AND CAULK WOOD TRIM. PREPARE FOR EIFS AND
  NEW FINISHES
- D-2 NOT USED
- D-3 DEAL DRAWER TO BE REMOVED BY CONVERGINT AND STORED FOR FUTURE USE
- D-4 DEMOLISH FASCIA PER NEW WORK ON 3/A301. PREPARE FOR NEW FINISHES



EXTERIOR ELEVATION- EAST

 $\frac{}{\text{SCALE: }1/4'' = 1'-0''}$ 



 $\frac{1}{1} = \frac{\text{EXTERIOR ELEVATION- SOUTH}}{\text{SCALE: } 1/4" = 1'-0"}$ 

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PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: D.WHITEHOUSE

CHECKED BY: V.ALVAREZ

SHEET TITLE

DEMOLITION ELEVATIONS -SOUTH AND EAST

SHEET NUMBER

D-200

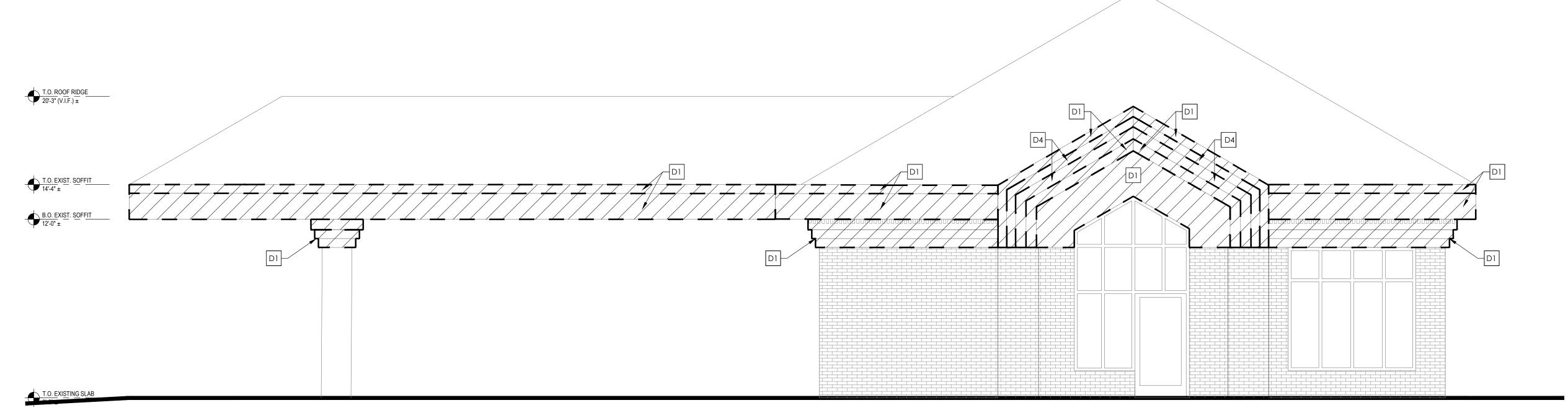
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  REPAIR AND CAULK WOOD TRIM. PREPARE FOR EIFS AND
  NEW FINISHES
- D-2 NOT USED

FOR NEW FINISHES

D-3 DEAL DRAWER TO BE REMOVED BY CONVERGINT AND STORED FOR FUTURE USE

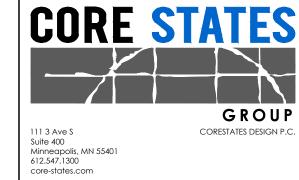
D-4 DEMOLISH FASCIA PER NEW WORK ON 3/A301. PREPARE



1 EXTERIOR ELEVATION- WEST
SCALE: 1/4" = 1'-0"

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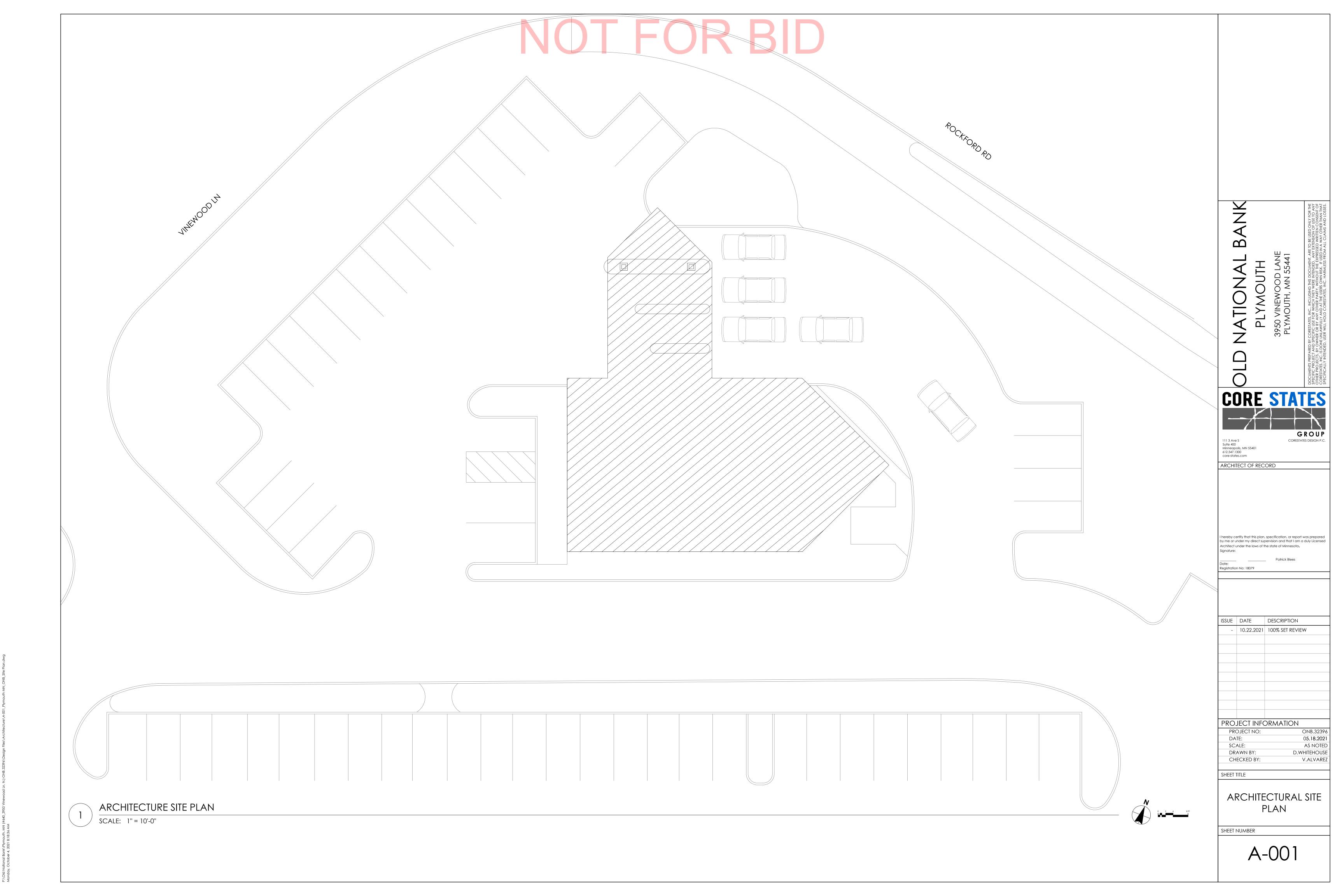
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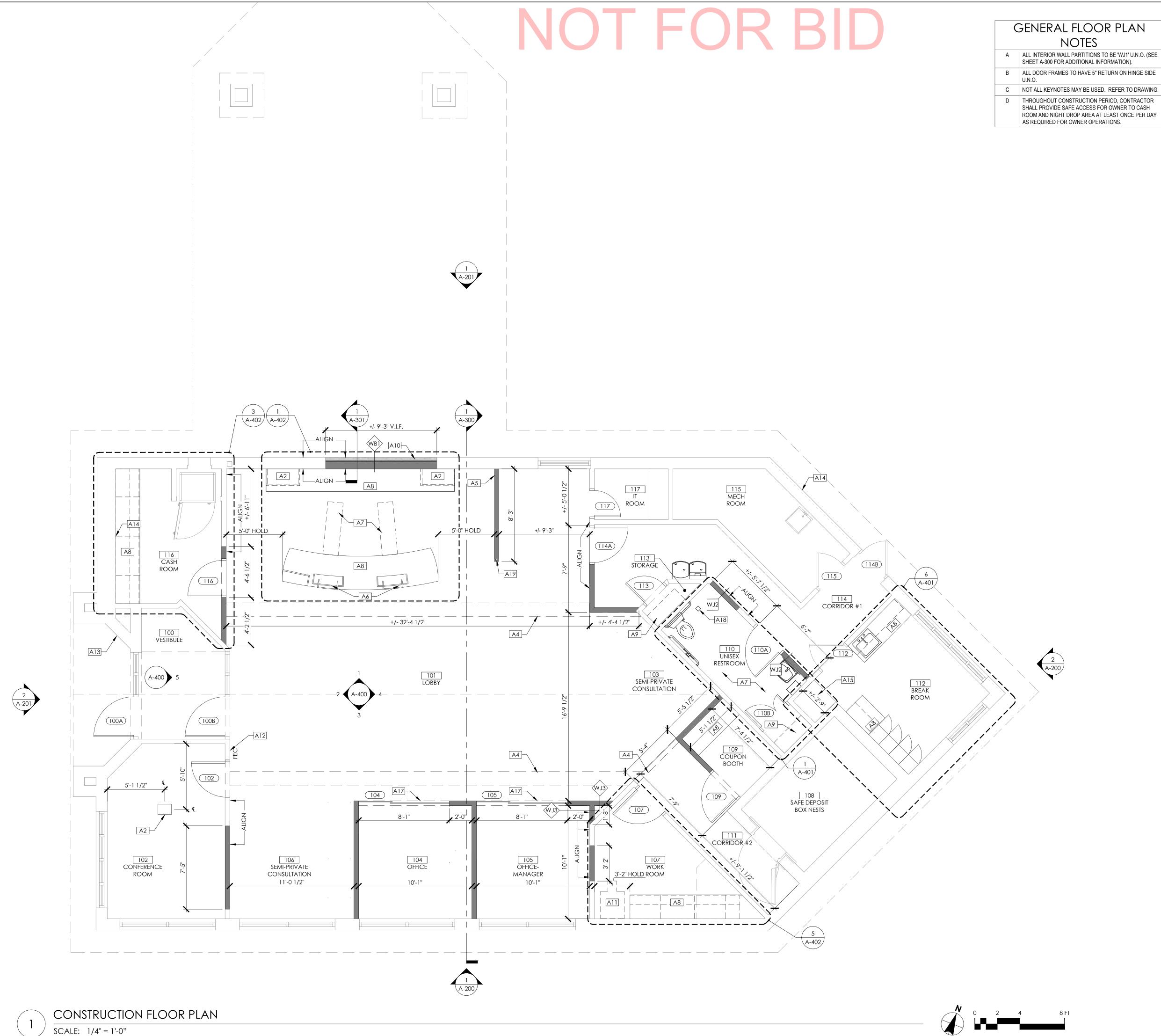
DEMOLITION ELEVATIONS -NORTH AND WEST

V.ALVAREZ

SHEET NUMBER

D-201





# GENERAL FLOOR PLAN

FLOOR PLAN KEYNOTES

SHEET A-300 FOR ADDITIONAL INFORMATION).

B ALL DOOR FRAMES TO HAVE 5" RETURN ON HINGE SIDE

D THROUGHOUT CONSTRUCTION PERIOD, CONTRACTOR

C NOT ALL KEYNOTES MAY BE USED. REFER TO DRAWING.

A-1 EXISTING STRUCTURAL COLUMN TO REMAIN

A-2 POWER DATA FLOOR BOX: REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS.

A-3 EXISTING SIAMESE CONNECTION. SEE SPRINKLER DRAWINGS FOR ADDITIONAL INFORMATION.

A-4 | SOFFIT / BULKHEAD ABOVE: REFER TO REFLECTED CEILING PLANS, SECTIONS, DETAILS AND INTERIOR ELEVATIONS. PROVIDE DEFLECTION TRACK AT UNDERSIDE OF ROOF / FLOOR STRUCTURE ABOVE TO ALLOW BULKHEAD TO REST ON DEMOUNTABLE PARTITION SYSTEM BELOW.

A-5 DRIVE UP/ LIGHTING SWITCHES TO BE RELOCATED TO THIS WALL

A-6 POWER DATA STUB UP FOR EQUIPMENT: REFER TO | ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, COORDINATE LOCATIONS WITH STRUCTURAL DRAWINGS, AND ELECTRICAL DRAWINGS

A-7 PATCH AND REPAIR FLOOR FROM TRENCHING. SEE FINISH FLOOR PLAN FOR MORE INFORMATION

A-8 CUSTOM SHOP-FABRICATED BUILT-IN MILLWORK: REFER TO INTERIOR ELEVATIONS- SUBMIT SHOP DRAWINGS AND FINISH SAMPLES TO ARCHITECT FOR

A-9 (6) 16" ADJUSTABLE SHELVES: REFER TO INTERIOR ELEVATIONS- PROVIDE BLOCKING IN

WALL AS REQUIRED A-10 EXISTING OPENING TO BE INFILLED. REFER TO SECTION

TAG FOR MORE INFORMATION

A-11 | EQUIPMENT/ APPLIANCE: REFER TO EQUIPMENT INSTALLATION MANUAL -COORDINATE WITH EQUIPMENT INSTALLER - PROVIDE | ELECTRICAL, DATA AND SECURITY ROUGH-IN WORK AS REQUIRED - FRAME WALL OPENINGS AND PREPARE FLOOR SUBSTRATE AS REQUIRED. PROVIDE BLOCKING IN WALL AS REQUIRED.

A-12 | FIRE EXTINGUISHER AND CABINET: PROVIDE THE MINIMUM NUMBER AS REQUIRED AND COORDINATE LOCATIONS WITH CODE REQUIREMENTS AND ADJACENT ACCESSIBILITY CLEARANCES

A-13 KNOX BOX: MOUNTED FLUSH WITH SURROUNDING WALL SURFACE. VERIFY LOCATION WITH LOCAL MUNICIPALITY TO ENSURE COMPLIANCE. PAINT TO BLEND WITH SURROUNDING WALL FINISH.

A-14 PATCH AND REPAIR GYPSUM WALL BOARD AND STUDS AFTER DEMOLITION. INFILL WALL CAVITY WITH INSULATION ALIGN WALL INFILL WITH ADJACENT WALL

A-15 G.C. TO VERIFY ON SITE EXISTING DIMENSIONS, REFRIGERATOR REQUIRES MIN. 36" CLEAR SPACE.

A-16 NOT USED

A-17 DEMOUNTABLE PARTITION SYSTEM WITH INTEGRAL DOORS AND POWER, DATA AND SECURITY CONDUIT SYSTEMS, ANCHORED TO BUILDING WALLS, SUBFLOOR, AND BULKHEADS

A-18 | FLOOR DRAIN: REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

A-19 NEW STRUCTURAL COLUMN. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

WALL LEGEND

EXISTING WALL CONSTRUCTION TO REMAIN

NEW WALL CONSTRUCTION

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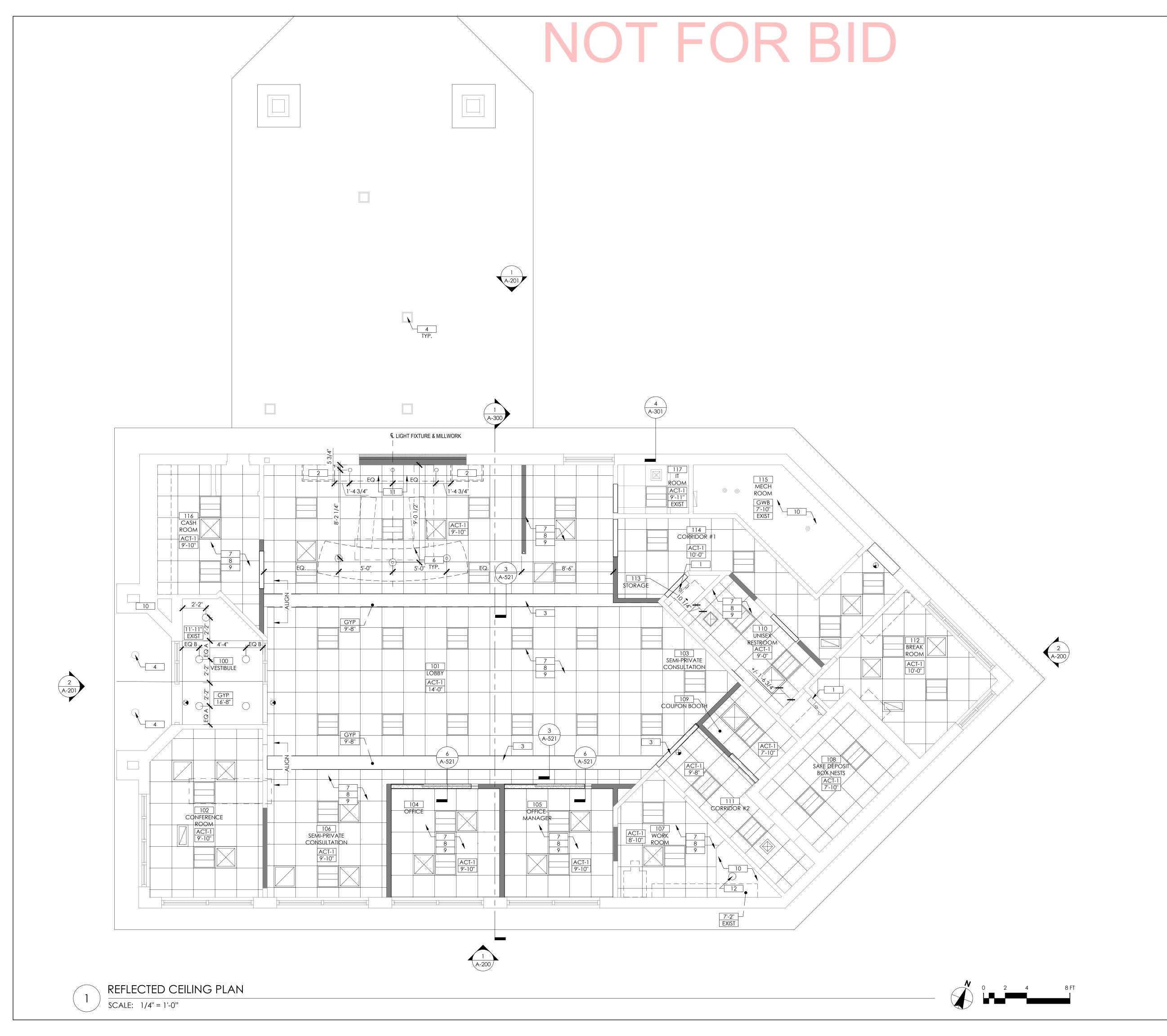
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SCALE: AS NOTED D.WHITEHOUSE DRAWN BY: CHECKED BY:

SHEET TITLE

CONSTRUCTION FLOOR PLAN

SHEET NUMBER



RCP KEYNOTES

1 WALL LIGHT OVER DOOR - REFER TO

ELECTRICAL DRAWINGS.

2 ABOVE CEILING PNEUMATIC TUBE SYSTEM;
COORDINATE EXACT LOCATION WITH SUPPLIER

3 EXISTING SOFFIT TO RECEIVE NEW GYPSUM FINISH.

4 EXISTING LIGHT FIXTURES ARE TO REMAIN.
MAINTAIN ALL EXISTING CONNECTIONS AND
CONTROLS.

5 PATCH AND REPAIR ACOUSTIC CEILING. ADD NEW PANELS IF NECESSARY

6 TELLER POD PENDANT TO BE CENTERED ON MILLWORK BELOW. VERIFY DIMENSIONS SHOWN ON PLANS W/ FURNITURE PLANS. COORDINATE WITH ARCHITECT IF LIGHT INTERFERES WITH CEILING GRID. REFER TO ELECTRICAL PLANS FOR TYPICAL MOUNTING HEIGHTS. REFER TO 4/A-521 FOR MOUNTING HEIGHTS

7 ALL CEILING FIXTURES TO BE CENTERED ON CEILING TILE UNLESS SHOWN & NOTED OTHERWISE.

8 ACOUSTIC CEILING TILE TO BE CENTERED ON SPACE.

9 SPRINKLER HEADS TO BE RELOCATED PER SPRINKLER DRAWINGS

10 PATCH AND REPAIR GYPSUM CEILING AS REQUIRED

11 ALIGN CEILING GRID WITH CENTER OF BRAND WALL
 12 EXISTING LIGHT FIXTURE TO BE RELOCATED AS

REQUIRED

REFER TO A-131 FOR FINISH SCHEDULE
 REFER TO A-521 FOR DETAILS ON 2X2 GRID AND 4X4

 PROVIDE ATTIC ACCESS. ACCESS MUST BE IN ACCORDANCE WITH LOCAL CODE COMPLIANCE.

RCP SYMBOLS LEGEND

SURFACE MOUNT AIR NOZZLE DIFFUSER: REFER TO MECH DWGS FOR ADDL INFO

RECESSED DOWNLIGHT:
REFER TO ELEC DWGS FOR ADDL INFO

DECORATIVE PENDANT LIGHT:
REFER TO ELEC DWGS FOR ADDL INFO
WALL MOUNTED LIGHT FIXTURE:

REFER TO ELEC DWGS FOR ADDL INFO

SURFACE MOUNTED LIGHT FIXTURE: REFER TO ELEC DWGS FOR ADDL INFO

2' x 2' LAY-IN LIGHT FIXTURE: REFER TO ELEC DWG. FOR ADDL INFO

SUPPLY AIR DIFFUSER:
REFER TO MECH DWGS FOR ADDL INFO

RETURN AIR GRILL:
REFER TO MECH DWGS FOR ADDL INFO

EXHAUST FAN: REFER TO MECH DWGS FOR ADDL INFO

ILLUMINATED EXIT SIGN:
REFER TO ELEC DWGS FOR ADDL INFO

UNDER-CABINET TASK LIGHT:
REFER TO ELEC DWGS FOR ADDL INFO

CEILING MOUNTED SPEAKER: COORDINATE LOCATIONS W/ VENDOR LED ACCENT LIGHTING

REFER TO ELEC DWG. FOR ADDL INFO

5/8" GYPSUM BOARD
FOR SOFFIT- 7/A-521

UPRIGHT OR CONCEALED SPRINKLER
 HEADS. REFER TO FIRE SPRINKLER
 DRAWINGS FOR MORE DETAILS

L-8 HANGING LIGHTING FIXTURE. REFER TO ELECT DRAWINGS.

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\_\_\_\_\_ Patrick Blees
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DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: D.WHITEHOUSE

V.ALVAREZ

CHECKED BY:

SHEET TITLE

REFLECTED CEILING PLAN

SHEET NUMBER

PT-1

DARK LINE WIGHT - PATTERN REPEAT

VCT FLOOR PATTERN

SS-1

SCALE: 3/16'' = 1'-0''

TILE STARTING POINT

LEGEND:

WB-2

SC-1

117

IT ROOM

CPT-1 102 CONFERENCE

### FINISH LEGEND METAL TRIM MT1 MFG: SCHLUTER STYLE: JOLLY NUMBER: A 80 ACG SIZE: 5/16" (8MM)

COLOR: SATIN ANODIZED ALUM. NOTE: RESTROOM WALL TRIM

# FLOORING TRANSITION STRIP

CPT-1 MFG: MILLIKEN TS1 MFG: SCHLUTER COLLECTION: REMIX REMASTERED DESIGN NAME: MIX TAPE STYLE: SCHIENE - RADIUS COLOR: MXT231-123 DENIM W/ COLOR: SATIN ANOD. ALUM. DORIC NUMBER: AE 100-R NUMBER: NG316 SIZE: 3/8" TO 1/4" SIZE: 19.7" x 19.7" TILE

### TS2 MFG: SCHLUTER STYLE: SCHIENE - STRAIGHT COLOR: SATIN ANOD. ALUM. NUMBER: AE 100 SIZE: 3/8" TO 1/4", 3/8" TO 3/8"

LOCATION: CARPET TO TILE TS3 MFG: JOHNSONITE STYLE: 1/4" TO 1/8" ADAPTER COLOR: PLATINUM NUMBER: CTA-21-C SIZE: 1/4" TO 1/8" LOCATION: CARPET TO VCT

### TS4 MFG: JOHNSONITE STYLE: 1/4" TO FLOOR ADAPTER COLOR: PLATINUM NUMBER: EG-21-H SIZE: 1/4"

**ROLLER WINDOW SHADES** 

OPACITY: 5%

FABRIC: SW2930

RWS1 MFG: DRAPER

LOCATION: CARPET TO CONCRETE

COLOR: OYSTER/PEARL GREY

LOCATION: AT ALL EXTERIOR

WINDOWS EXCEPT DRIVE-UP TELLER

11*7* 

ROOM

SEMI-PRIVATE CONSULTATION

109 COUPON

CPT-1 107 WORK ROOM

FASCIA: BRUSHED ALUM.

TS4

#### FLOOR/WALL TILE TL-1 MFG: DALTILE

RWS2 MFG: DRAPER

CARPET

FABRIC: SB9000

SERIES: OPAQUE

OPACITY: BLACKOUT OPAQUE

LOCATION: CONF. ROOM. PAIR

W/5% SHADE IN DUAL ROLLER.

COLOR: 0702 LIGHT GREY

FASCIA: BRUSHED ALUM.

INSTALL: MONOLITHIC

PATTERN: STANDARD ECVELON -

COLOR: SOFT WARM GREY 51861

PATTERN: STANDARD ECVELON -

VINYL COMPOSITE TILE

VCT-1MFG: ARMSTRONG

SIZE: 12" x 12"

VCT-2MFG: ARMSTRONG

SIZE: 12" x 12"

IMPERIAL TEXTURE

INSTALL: SEE DETAIL

IMPERIAL TEXTURE

**INSTALL: SEE DETAIL** 

COLOR: DUTCH DELFT

STYLE: FLORENTINE COLOR: CARRARA FL06 - MATTE SIZE: 12" x 24" GROUT: 3/16" THICK, TEC 934 DELORIAN GREY INSTALL: STAGGERED RUNNING BOND, 1/3 OFFSET

INSTALL: STRAIGHT

### TL-2 MFG: FLORIDA TILE (LOUISVILLE TILE) STYLE: SEQUENCE COLOR: CURRENT SIZE: 12"x24" GROUT: 3/16" THICKNESS, CPB 165 DELOREAN GREY

EXIST SC

115 MECH

ROOM

### TL-3 MFG: FLORIDA TILE (LOUISVILLE TILE) PAINT STYLE: STREAMLINE COLOR: ARCTIC GLOSS SIZE: 4" x 16" GROUT: 1/8" THICKNESS, CPB 115 PLATINUM

STYLE: MORELLO

MOSAIC

PLATINUM

TL-5 MFG: DALTILE

SIZE: 4" x 6"

SC STYLE: SEALED CONCRETE

STYLE: WELCOME II TILE

COLOR: STERLING 31557

INSTALL: QUARTER TURN

SIZE: 24" x 24"

WB-1 MFG: JOHNSONITE

STYLE: COVE

NUMBER: 21

WB-2 MFG: JOHNSONITE

BASE REVEAL

NUMBER: 21

SIZE: 4 1/2"

CPT-1 108 SAFE DEPOSIT

COLOR: PLATINUM

SIZE 4"

COLOR: PLATINUM

STYLE: MW-XX-F. MILLWORK WALL

CONCRETE

**WALK-OFF MAT** 

WO-1 MFG: SHAW

**RUBBER WALL BASE** 

NUMBER: AOTMM02-58RAND

INSTALL: 1/3 OFFSET, 15 ROWS HIGH A.F.F.

#### PT-2 MFG: BENJAMIN MOORE COLOR: PATRIOT BLUE TL-4 MFG: AMERICAN OLEAN NUMBER: 2064-20 SHEEN: SEMI-GLOSS COLOR: MOONSTONE GLASS & NOTE: ACCENT COLOR. PROVIDE LEVEL 5 GYP. BD. FINISH SIZE: 5/8" x RANDOM LINEAR

PT-3 MFG: BENJAMIN MOORE GROUT: 1/8" THICKNESS, CPB 115 COLOR: WHITE WATER NUMBER: 2120-60 SHEEN: EGGSHELL NOTE: ACCENT COLOR. PROVIDE LEVEL 5 GYP. BD. FINISH

#### STYLE: FLORENTINE COLOR: CARRARA FL-06 MATTE PT-3A MFG: BENJAMIN MOORE GROUT: 1/8" THICKNESS, TEC 934 DELOREAN GREY INSTALL: AT CONCIERGE WALL BASE

### METAL DOOR FRAMES. PT-4 MFG: SHERWIN WILLIAMS COLOR: CEILING BRIGHT WHITE

COLOR: WHITE WATER

NUMBER: 2120-60

SHEEN: SEMI-GLOSS

NOTE: TRIM, METAL DOORS, AND

NUMBER: SW7007 SHEEN: FLAT NOTE: GYP. CEILINGS COLLECTION: STEPPING OUT 5T031

#### PT-5 MFG: SHERWIN WILLIAMS COLOR: DAFFODIL NUMBER: SW6901 SHEEN: SEMI-GLOSS NOTE: ACCENT COLOR, PROVIDE LEVEL 5 GYP. BD. FINISH

PT-6 MFG: SHERWIN WILLIAMS COLOR: WHITE #6504-30481 NOTE: HIGH VOC. NEEDED ANYWHERE WALL COVERING WILL BE INSTALLED AND MUST BE LEVEL 5

# WALL COVERING

WC-1 MFG: CUSTOM NOTE: OWNER FURNISHED, OWNER INSTALLED. SEE PT-5

# PT-1 MFG: BENJAMIN MOORE

COLOR: STONE WHITE

NOTE: GENERAL COLOR

NUMBER: 2120-70

SHEEN: EGGSHELL

WC-2 MFG: CUSTOM NOTE: OWNER FURNISHED, OWNER INSTALLED. BEHIND VINYL WALL COVERING. PROVIDE LEVEL 5 GYP. BD. FINISH

### PLASTIC LAMINATE PL-1 MFG: STEELCASE (WILSONART) COLOR: VERANDA TEAK

NUMBER: #8209K-28 NOTE: ALL CABINET & DOORS

### PL-2 MFG: WILSONART COLOR: CLOUD ZEPHYR NUMBER: 4856-60 NOTE: BACK OF HOUSE COUNTERTOPS

PL-3 MFG: WILSONART COLOR: MATTE NATURAL ALUM. NUMBER: 6252 (149) NOTE: CASEWORK TOE KICK FRONT OF HOUSE. ALL BACK OF HOUSE CASEWORK TO RECEIVE WB-1

### SOLID SURFACE

SS-1 MFG: HI-MACS COLOR: ARCTIC GRANITE EDGE: EASED NOTE: FRONT OF HOUSE COUNTERTOPS AND WINDOW SILLS. ALL WINDOWS TO RECEIVE SILLS. G.C. TO FURNISH/INSTALL SILLS.

### **CEILING TILE**

APC-1 MFG: CERTAINTEED MODEL: PERFORMANCE SYMPHONY MODEL #: 1222BF-10F-1 NARROW REVEAL COLOR: WHITE

SIZE: 24" x 24" x 3/4" PANEL EDGE: FL GRID: ROCKFON CHICAGO METALLIC 4000 TEMPRA 9/16" EXPOSED CORNER BEVEL WALL ANGLE: SHADOWLINE MS174

### GENERAL FINISH NOTES

- PROVIDE SAMPLES OF ALL FINISHES TO ARCHITECT FOR REVIEW INCLUDING INSTALLATION JOINT AND SEAM LAY
- B. REFERENCE INTERIOR ELEVATIONS, WHERE PROVIDED FOR ADDITIONAL FINISH INFORMATION.
- PAINT ALL EXPOSED PRIMED METAL SURFACES, HOLLOW
- METAL DOORS, HOLLOW METAL FRAMES, LINTELS, BOLLARDS, TUBULAR STEEL GATES AND FENCING.
- D. ALL INTERIORS NOTES, SCHEDULES AND LEGENDS REFERENCE NORTH, REFER TO FLOOR PLAN ON SHEET A1.0. PAINT ALL EXPOSED PLYWOOD BACKING BEHIND PHONE AND
- ELECTRICAL PANELS TO MATCH ADJACENT SURFACE. ALL FLOORING TRANSITION ARE TO BE EASED USING LATEX TO ACHIEVE A SMOOTH AND UNIFORM TRANSITION. G. ALL CARPET IS TO BE DIRECT GLUE, UNLESS NOTED
- PAINT ALL GRILLES, RETURNS, ETC. TO MATCH SURFACE ON
- WHICH THEY OCCUR. ALTERNATES WILL NOT BE ACCEPTED WITHOUT WRITTEN APPROVAL OF ARCHITECT AND OWNER. SAMPLES WHEN APPLICABLE SHALL BE SUBMITTED FOR REVIEW. ALL PAINT FINISH TO BE THREE-COAT SYSTEM: ONE COAT
- PRIMER, TWO COATS PAINT. K. ALL TILE FLOORING TO BE THIN SET.
- CEILING AND WALL PAINT TO BE EGGSHELL. M. WOOD AND PLASTIC LAMINATE LISTED FOR REFERENCE ONLY. SEE MILLWORK SHOP DRAWINGS FOR ADDITIONAL INFORMATION.
- REFER TO FINISH SCHEDULE FOR CEILING FINISHES AND REFLECTED CEILING PLANS FOR CEILING MATERIAL EXTENTS AND FINISH REQUIREMENTS. COORDINATE ANY PAINT FINISHES WITH ARCHITECT IN FIELD BEFORE PROCEEDING WITH FINISH WORK.
- REFER TO DOOR SCHEDULE FOR CLARIFICATION OF DOOR MATERIALS. ALL HOLLOW METAL DOORS TO BE PAINTED INTERIOR - PT-3A, EXTERIOR PT-8. P. ALL EXPOSED GYP. CEILINGS, BULKHEADS, AND SOFFITS TO

 $\mathbf{\Omega}$ 

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05.18.2021

AS NOTED D.WHITEHOUSE

10.22.2021 100% SET REVIEW

nitect under the laws of the state of Minnesota

**'MOUTH** 

Ы

GROUP

- BE PAINTED, PAINT COLOR TO BE PT-4. Q. ALL EXPOSED GYP. WALLS TO BE PAINTED UNLESS NOTED OTHERWISE
- R. ROLLER SHADES TO BE INSTALLED AT ALL WINDOW LOCATIONS WITH THE EXCEPTION OF THE DRIVE-THRU
- TELLER WINDOW. TRIM, DOORS, WALL BASE, AND BATHROOM WALL PAINT TO BE SEMI-GLOSS FINISH. TRANSITIONS STRIPS REQUIRED BETWEEN ALL TRANSITIONS
- OF UNLIKE FLOORING. REFER TO FINISH PLAN AND DETAILS FOR APPROPRIATE TRANSITION. PROVIDE LEVEL 5 FINISH & SEMI-GLOSS PAINT AT ALL WALLS TO RECEIVE A WALL COVERING (WC).

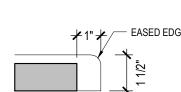
# FINISH PLAN KEYNOTES

1 REFER TO INTERIOR ELEVATIONS, FLOOR PLANS, FINISH PLANS AND REFLECTED CEILING PLANS - DRAWING NOTES SUPERCEDE SCHEDULES.

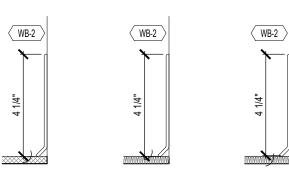
2 ALL WALLS TO BE PAINTED PT-1, U.N.O. 3 PAINT GYP BD SOFFITS PT-4, U.N.O. 4 LAMINATE OR SOLID SURFACE MILLWORK.

5 VCT TO RECEIVE (5) COATS OF WAX AFTER INSTALLATION. 6 | FLOOR BOX - REFER TO FLOOR PLAN FOR LOCATIONS AND ELECTRICAL DRAWINGS.

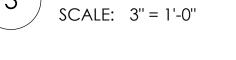
7 G.C. TO PROVIDE LEVEL 5 FINISH PT-6 AND J-CHANNELS AT | WALL COVER LOCATIONS. REFER TO BRANDING PLANS 8 G.C. TO PROVIDE LEVEL 5 FINISH PT-6.



DETAIL - SS1 EDGE PROFILE







L DOOR AND TRANSITION STRIP

SHEET NUMBER

FINISH FLOOR PLAN

PROJECT INFORMATION

PROJECT NO:

DRAWN BY:

CHECKED BY:

SCALE:

SHEET TITLE

FINISH FLOOR PLAN SCALE: 1/4" = 1'-0"

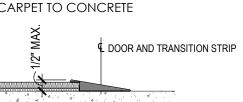
WALL BASE DETAILS

TS-1 CARPET TO CERAMIC TILE

TS-3 CARPET TO VINYL

SCALE: 3" = 1'-0"

TS-4 CARPET TO CONCRETE



A-131 FLOOR TRANSITION TYPES

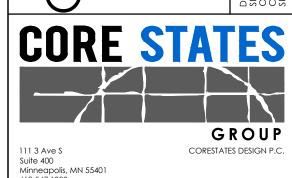
# FURNITURE & EQUIPMENT

KEYNOTES F1 EXISTING TO REMAIN. TO BE PAINTED

ALL FURNITURE SHOWN FOR REFERENCE ONLY. ALL FURNITURE TO BE PROVIDED AND INSTALLED BY OWNER UNLESS NOTES OTHERWISE. FINAL LOCATIONS AND TYPES OF FURNITURE TO BE DETERMINED BY

- PROVIDE AND INSTALL BLOCKING FOR ALL EQUIPMENT AND FIXTURES
  ALL TABLES, CHAIRS, DESKS AND WORKSTATIONS BY
- OWNER
  COORD. ALL POWER WITH FURNITURE LOCATIONS
  PRIOR TO INSTALL.





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DESCRIPTION ISSUE DATE 10.22.2021 100% SET REVIEW

PROJECT INFORMATION PROJECT NO: 05.18.2021 AS NOTED SCALE:

CHECKED BY: SHEET TITLE

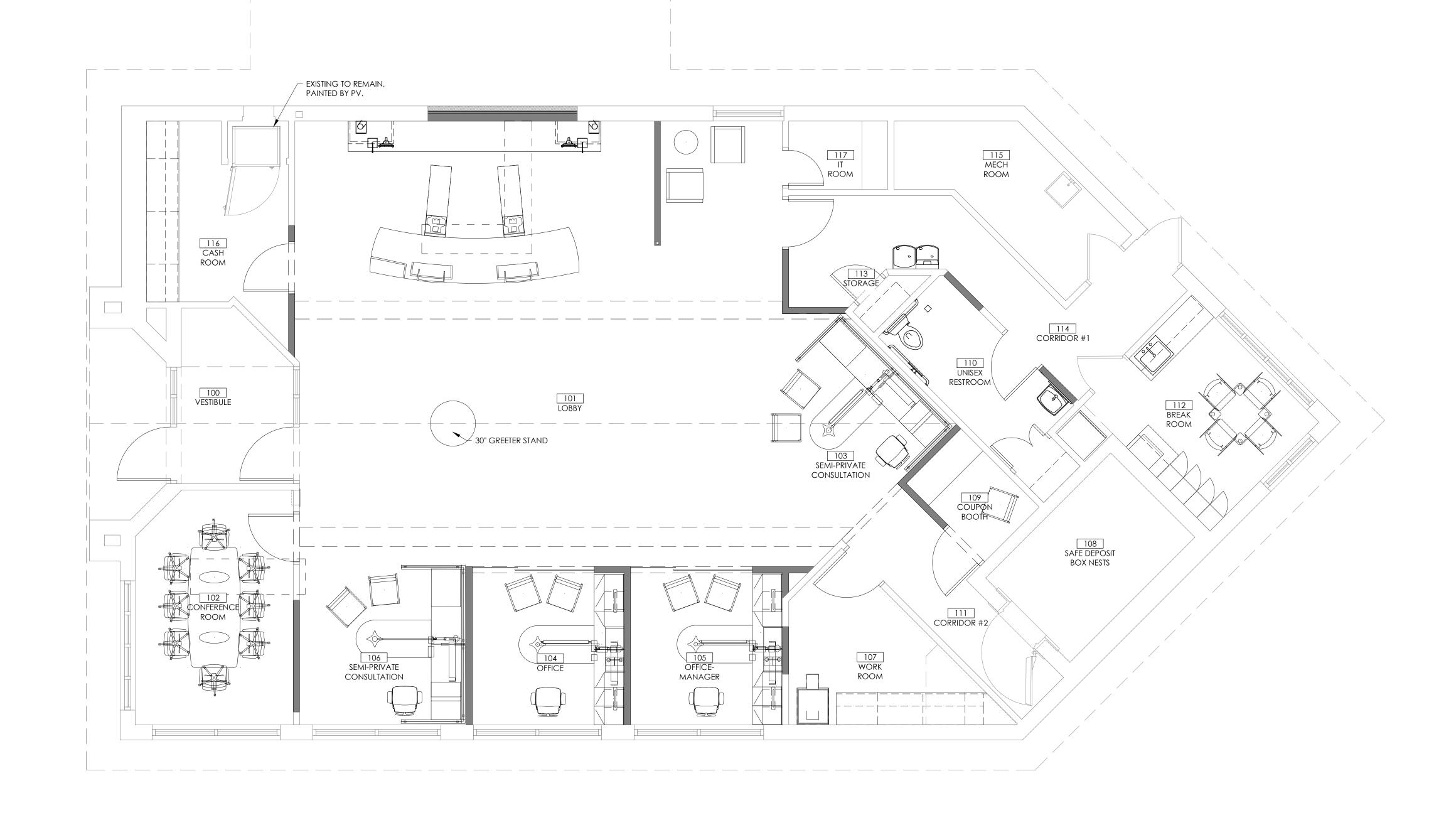
DRAWN BY:

FURNITURE AND EQUIPMENT PLAN

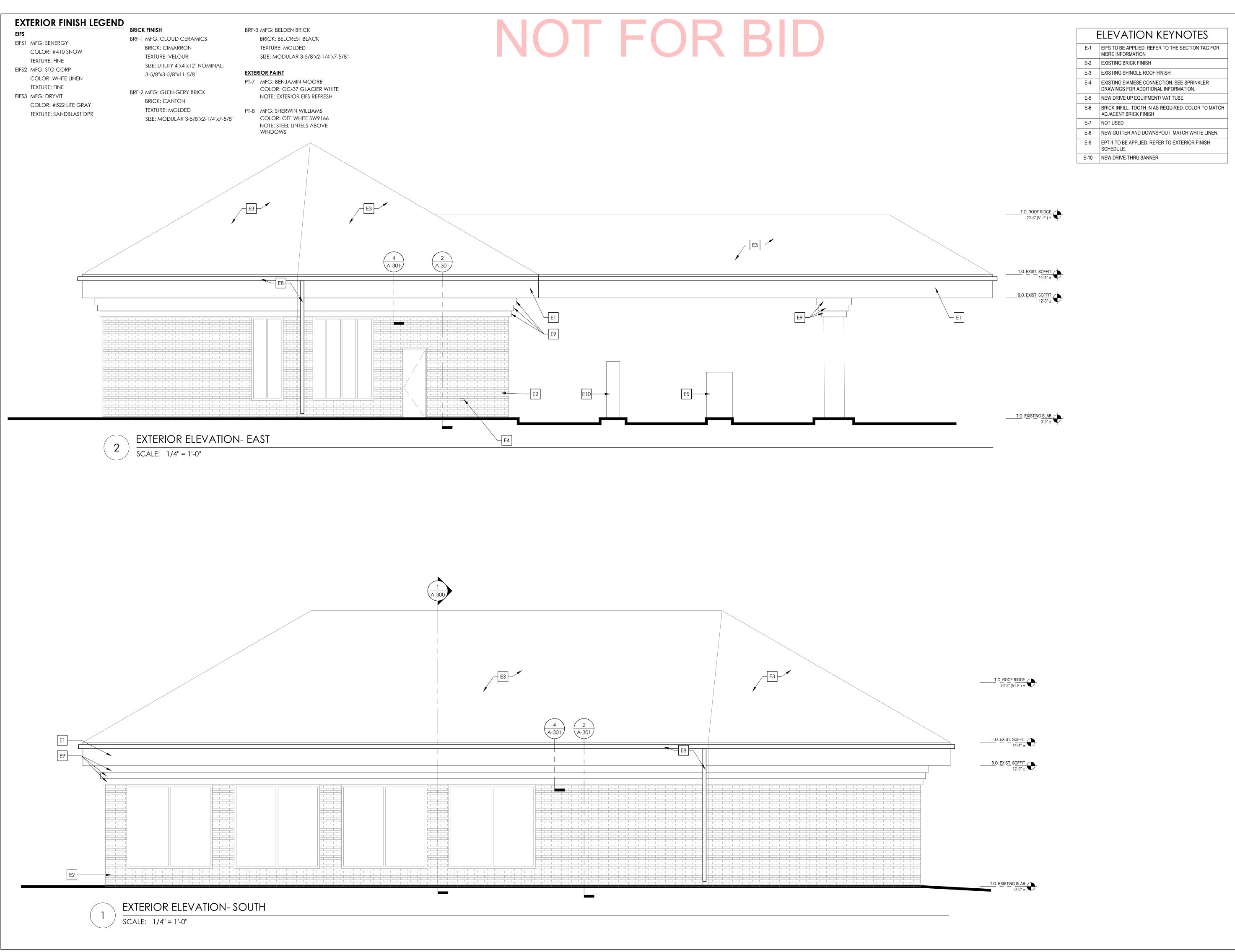
D.WHITEHOUSE

SHEET NUMBER

A-141



FURNITURE & EQUIPMENT PLAN SCALE: 1/4" = 1'-0"



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PROJECT INFORMATION PROJECT NO: 05.18.2021 SCALE: AS NOTED D.WHITEHOUSE DRAWN BY:

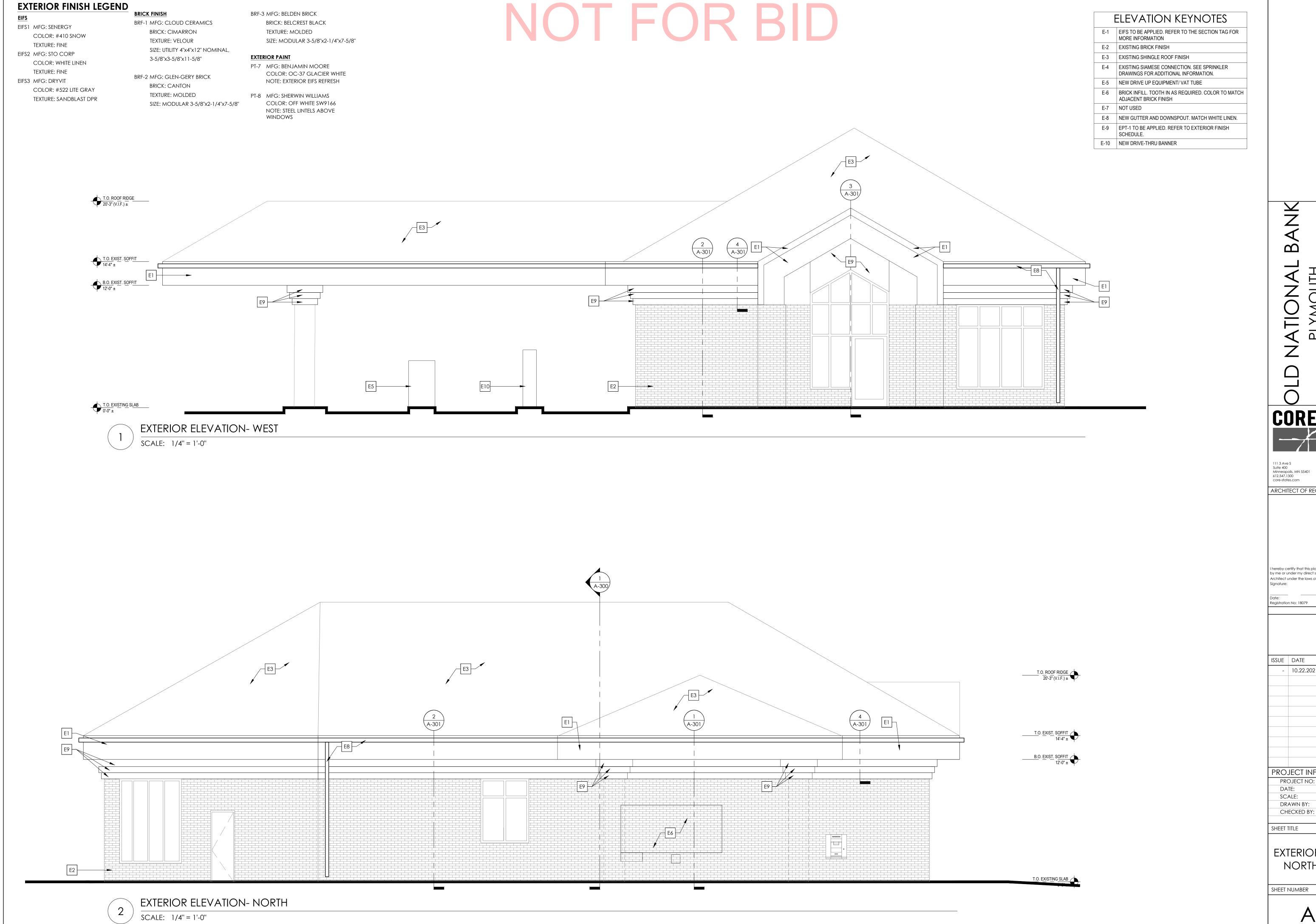
V.ALVAREZ

SHEET TITLE

CHECKED BY:

EXTERIOR ELEVATIONS SOUTH AND EAST

SHEET NUMBER



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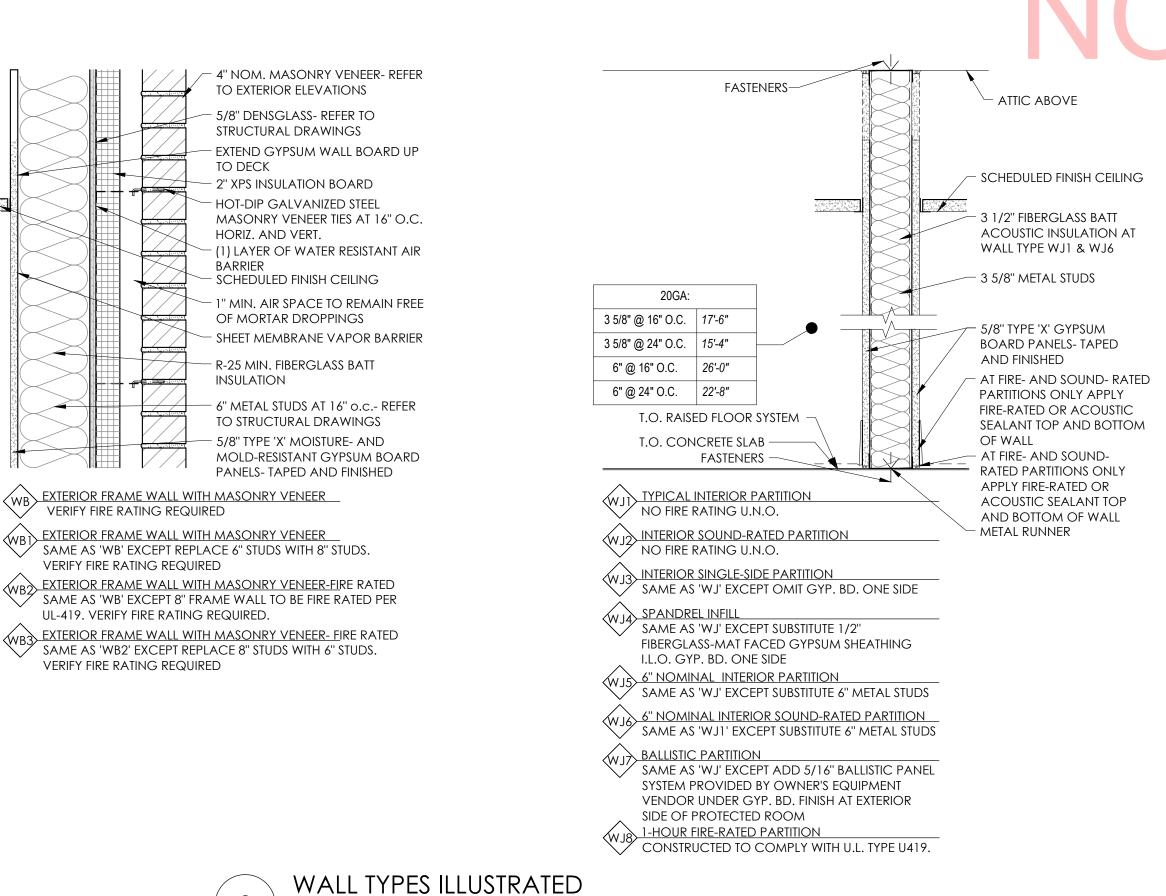
DESCRIPTION 10.22.2021 100% SET REVIEW

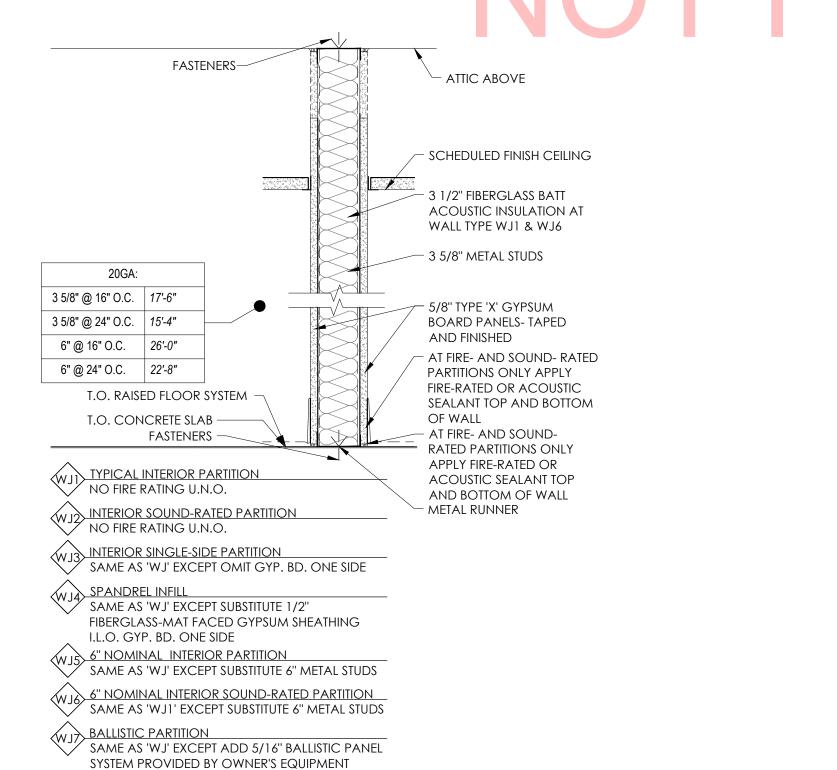
PROJECT INFORMATION PROJECT NO: 05.18.2021 SCALE: AS NOTED DRAWN BY: D.WHITEHOUSE

SHEET TITLE

EXTERIOR ELEVATIONS NORTH AND WEST

SHEET NUMBER





EXTERIOR WALL ASSEMBLIES **EXTERIOR WALL ASSEMBLY [1]** EIFS - FROM EXTERIOR TO INTERIOR DRAINAGE EIFS SYSTEM (NOT BARRIER) CONSISTING OF CONTINUOUS 2" THICK (UNO) RIGID INSULATION BOARD (R-10) MECHANICALLY FASTENED OVER PERMEABLE MEMBRANE WITH OPEN WEAVE HIGH IMPACT FIBER REINFORCING MESH. OVER 5/8" DENS GLASS "GOLD" SHEATHING. PROVIDE CORRUGATED PLASTIC DRAINAGE STRIP AT BOTTOM OF THE PANEL WITH PVC "J" CHANNELS WITH WEEP HOLES. INSTALL PER LOCAL CODES AND MANUFACTURERS SPECIFICATIONS. 3. 8" METAL STUD FRAMING PER PLAN (UNO). SEE STRUCTURAL DRAWINGS FOR ANCHORAGE DETAILS, SIZING & SPACING. 4. CONTINUOUS R-19 BATT INSULATION (FULL WALL HEIGHT). 5. METAL STUD PACK-OUT (WHERE OCCURS; REF. SHEETS A-100). 6. SUBSTRATE PER PLAN (OCCUPIED SPACES ONLY); REF. SHEET A-100 & A-702. EXTERIOR WALL ASSEMBLY [2] NOT USED COMPOSITE PANEL - FROM EXTERIOR TO INTERIOR COMPOSITE PVC & WOOD FIBER (WPCs) OUTDOOR CLADDING PLANKS ATTACHED TO 2X WOOD FRAMING PER MANUFACTURER'S INSTRUCTIONS; SEE EXTERIOR FINISH SCHEDULE ON A-300 FOR MAKE & MODEL. 2. OVER CONTINUOUS SELF-SEALING MEMBRANE/COATING. 3. OVER 5/8" THICK DENS GLASS "GOLD" SHEATHING. PROVIDE CORRUGATED PLASTIC DRAINAGE STRIP AT BOTTOM OF THE PANEL WITH PVC "J" CHANNELS WITH WEEP HOLES. INSTALL PER LOCAL CODES AND MANUFACTURERS SPECIFICATIONS. 4. 6" METAL STUD FRAMING PER PLAN (UNO). SEE STRUCTURAL DRAWINGS FOR ANCHORAGE DETAILS, SIZING & SPACING. 5. CONTINUOUS R-19 BATT INSULATION (FULL WALL HEIGHT). 6. METAL STUD PACK-OUT (WHERE OCCURS; REF. SHEETS A-100). 7. SUBSTRATE PER PLAN (OCCUPIED SPACES ONLY); REF. SHEET A-100 & A-702. EXTERIOR WALL ASSEMBLY [3] NOT USED PRE-CAST STONE VENEER - FROM EXTERIOR TO INTERIOR 1. CULTURED STONE VENEER (SEE ELEVATION NOTES FOR MANUFACTURER AND COLOR). INSTALL PER MANUFACTURER'S RECOMMENDATIONS 2. OVER MORTAR/SCRATCH COAT/SETTING BED 3. OVER GALVANIZED METAL LATH 4. OVER CEMENT BACKER BOARD; INSTALL LOCAL CODE REQUIREMENTS. 5. 6" METAL STUD FRAMING PER PLAN. SEE STRUCTURAL DRAWINGS FOR ANCHORAGE DETAILS, SIZING & SPACING. 6. SUBSTRATE PER PLAN (OCCUPIED SPACES ONLY); REF. SHEET A-100 & A-702. EXTERIOR WALL ASSEMBLY [4] NOT USED METAL PANEL - FROM EXTERIOR TO INTERIOR

1. 48" x 48" METAL PANELS ATTACHED TO METAL CLIPS ON BLOCKING AS REQUIRED.

3. OVER EXTERIOR DENS GLASS SHEATHING; INSTALL LOCAL CODE REQUIREMENTS. 4. 3-5/8" METAL STUD FRAMING AS REQUIRED. SEE STRUCTURAL DRAWINGS FOR

2. OVER 2 LAYERS WEATHER-RESISTIVE BARRIER.

ANCHORAGE DETAILS, SIZING & SPACING.

**GENERIC SECTION NOTES** 

A. REFERENCE STRUCTURAL DRAWINGS FOR ALL EXTERIOR WALL METAL STUD FRAMING GAUGE & SPACING, ETC.

B. G.C. TO PROVIDE BLOCKING FOR SIGNAGE AWNING ATTACHMENT; COORDINATE WITH

VENDOR(S). C. FULL DEPTH FIRE BLOCKING TO BE PROVIDED AT 10'-0" VERTICAL INTERVALS AT ALL

EXTERIOR WALLS.

). INSTALL ROOFING MEMBRANE ON RIGID INSULATION PER MANUFACTURE'S INSTRUCTIONS; REFER TO ROOF PLAN ON A-107 FOR PRODUCT SPECIFICATIONS.

REFER TO A-104, A-300, & "LIGHTING DESIGN PACKAGE" FOR LOCATIONS OF LIGHT

FIXTURES. BOTTOM OF CONCRETE FOOTINGS AT FULL HEIGHT EXTERIOR WALLS TO BE POURED TO AT LEAST FROST DEPTH; REFER TO STRUCTURAL DRAWINGS FOR EXACT GEOMETRY &

CONSTRUCTION. G. METAL PANEL

> REFER TO METAL PANEL MANUFACTURER'S SPECIFICATIONS & INSTRUCTIONS FOR ALL TERMINATIONS & TRIM PIECES. ALL TERMINATIONS & TRIM TO BE BY METAL PANEL MANUFACTURER WHERE PROVIDED.

DECK, U.N.O.

H. WALL INSULATION PROVIDE REQUIRED LAYERS OF RIGID INSULATION TO MEET A MINIMUM CONTINUOUS R-19 INSULATION VALUE @ EXTERIOR WALLS TO RUN CONTINUOUS TO BOTTOM OF METAL

G.C. TO VERIFY CEILING HEIGHT DOES NOT CONFLICT WITH THE SPACE REQUIRED TO ACCOMMODATE THE HVAC & LIGHTING SYSTEMS. G.C. TO NOTIFY ARCHITECT & OWNER IF CONFLICT OCCURS.

ALL STRUCTURAL CONNECTIONS, FRAMING SIZE/SPACING, BLOCKING, ETC., SHOWN ON THESE SHEETS ARE TO BE VERIFIED WITH STRUCTURAL DRAWINGS.

\*\*INFORMATION ON STRUCTURAL DRAWINGS ARE TO TAKE PRECEDENCE.\*\*

K. ALL BUILT-UP ROOFING TO MAINTAIN 1/4" PER FOOT SLOPE, UNO.

REFER TO SPECIFICATIONS FOR APPROVED MATERIALS & METHODS OF CONSTRUCTION. MATERIALS LISTED IN SPECIFICATIONS ARE TO SUPERCEED ANY MATERIALS & METHODS DESCRIBED IN EXTERIOR WALL ASSEMBLIES ON THIS SHEET.

M. SEE EXTERIOR FINISH SCHEDULE ON A-300 FOR MANUFACTURER, COLOR, ECT. OF EXTERIOR VENEERS, MATERIALS, & FINISHES FOR BUILDING.

 $\mathbf{\Omega}$ PLYMOUTH 7

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ARCHITECT OF RECORD

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Registration No: 18079

ISSUE DATE DESCRIPTION 10.22.2021 100% SET REVIEW

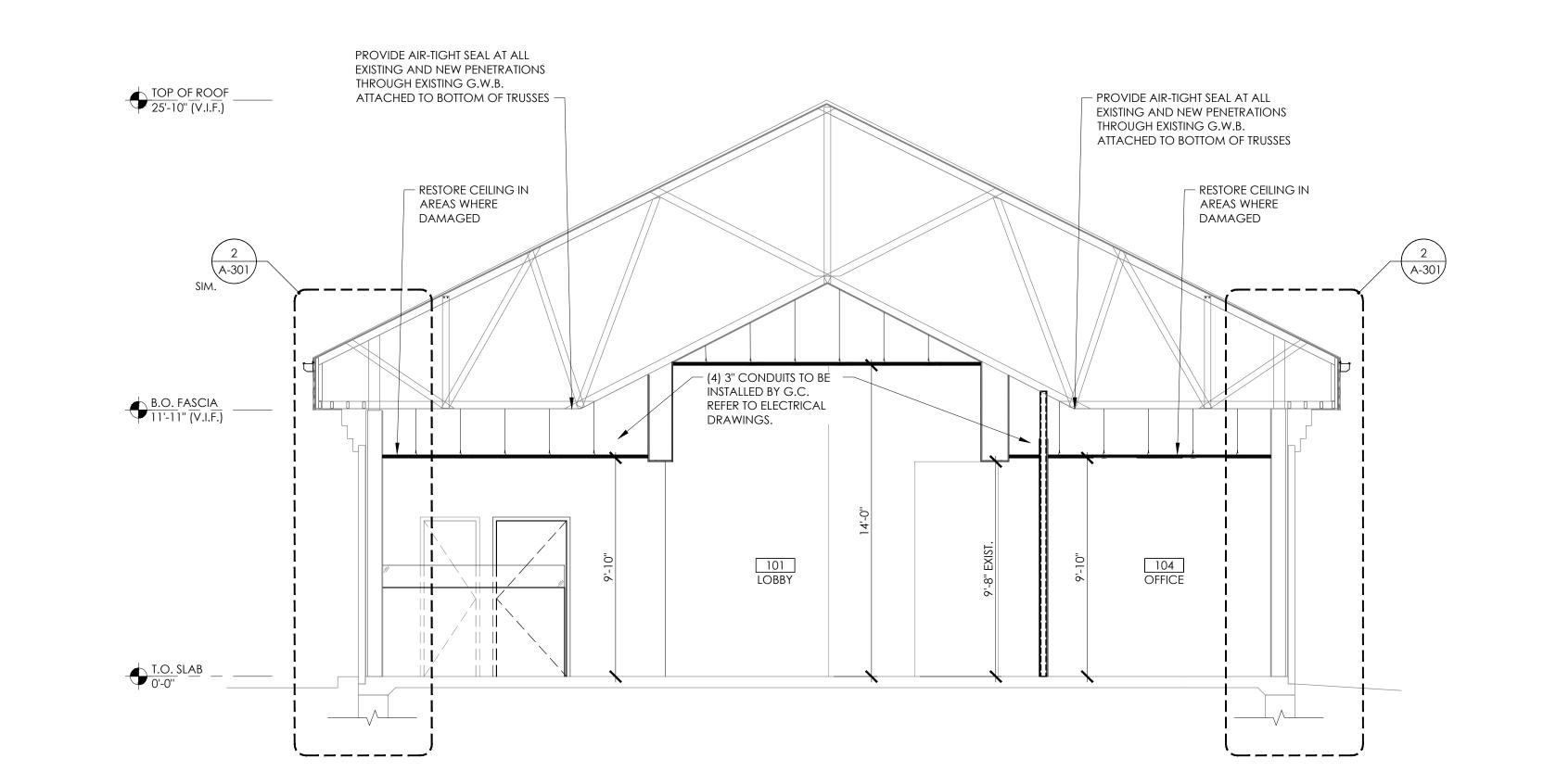
PROJECT INFORMATION PROJECT NO: ONB.32396 05.18.2021

SCALE: AS NOTED DRAWN BY: D.WHITEHOUSE CHECKED BY: V.ALVAREZ

SHEET TITLE

BUILDING SECTIONS AND PARTITION TYPES

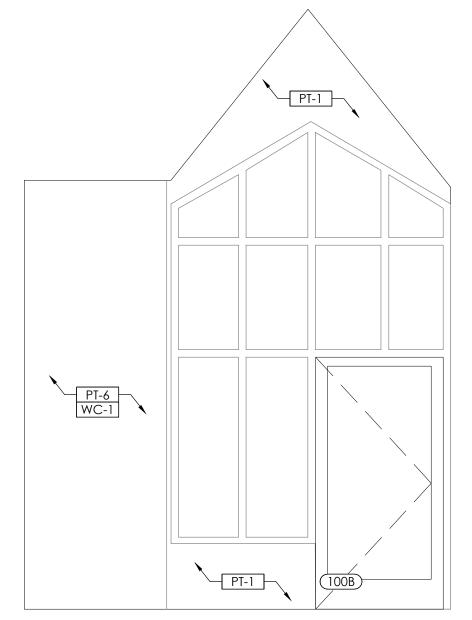
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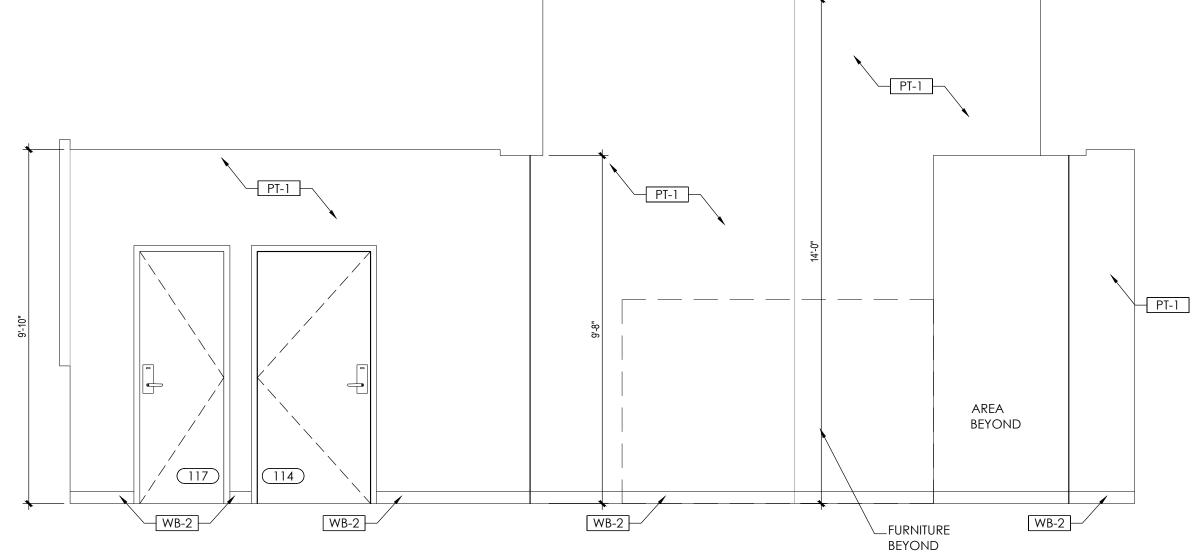
### NOT FOR BID STUCCO FASCIA APPROVED SHEATHING METAL STUD FRAMING THIN STUCCO DRIP SCREED APPROVED SHEATHING WATER RESISTANT 1-1/2" WATER RESISTANT BARRIER BARRIER <del>\\_</del>7/8" <del>-</del> \\_3/16" - STUCCO SOFFIT --- LATHING SOFFIT VENT DETAIL SCALE: 1 1/2" = 1'-0" ANK $\Delta$ PLYMOUTH B.O. FASCIA 16'-7" (V.I.F.) 4 A-301 -EXTERIOR INSULATED FINISH SYSTEM FASCIA AND EXISTING GYP. BOARD — CEILING (V.I.F.). REFER TO REFLECTED CEILING PLAN CONTINUOUS SOFFIT VENT T.O. FASCIA 14'-4" -EXISTING WALL CONSTRUCTION (V.I.F.) T.O. OPENING 13'-6 1/2" B.O. FASCIA 12'-0" B.O. FASCIA 12'-0" LCONTINUOUS SOFFIT VENT GROUP 111 3 Ave S Suite 400 Minneapolis, MN 55401 612.547.1300 core-states.com `<del>|-----</del> FINISHED CEILING. REFER — TO REFLECTED CEILING FINISHED CEILING. REFER TO REFLECTED CEILING EXTERIOR INSULATED FINISH SYSTEM FASCIA AND SOFFIT -EXISTING WALL -existing wall CONSTRUCTION (V.I.F.) CONSTRUCTION (V.I.F.) \_\_\_\_\_T.O. OPENING 7'-6 1/2" reby certify that this plan, specification, or report was prepared me or under my direct supervision and that I am a duly Licensed chitect under the laws of the state of Minnesota. —NEW BRICK FINISH TO MATCH ADJACENT COLOR OF EXISTING BRICK GUTTER SYSTEM ISSUE DATE DESCRIPTION RIGID INSULATION (R-15 MIN.) 10.22.2021 100% SET REVIEW BATT INSULATION (R-25 MIN.) ---- EIFS FASCIA LAP DRAINAGE MEMBRANE CONSTRUCTION (V.I.F.) OVER EIFS SOFFIT DRIP -EXISTING FOOTING AND FOOTING WALL TO - CONTINUOUS SOFFIT VENT PROJECT INFORMATION REMAIN PROJECT NO: ONB.32396 T.O. INTERIOR SLAB T.O. INTERIOR SLAB T.O. INTERIOR SLAB 0'-0" 05.18.2021 — EIFS SOFFIT WITH 1 11/2" VENT SCALE: AS NOTED D.WHITEHOUSE DRAWN BY: CHECKED BY: V.ALVAREZ — EXISTING WALL SUBSTRUCTURE (V.I.F.) SHEET TITLE WALL SECTIONS AND DETAILS - BLOCKING FOR SOFFIT VENT SHEET NUMBER A-301 WALL SECTION SCALE: 1'-0" = 1'-0" WALL SECTION SCALE: 1'-0" = 1'-0" SECTION DETAIL WALL INFILL SCALE: 1'-0" = 1'-0"

P:\Old National Bank\Plymouth, MN (#640\_3950 Vinewood Ln. N.)-ONB.32396\Design Files\Architecture\A-< Monday, October 25, 2021 3:37:38 PM David Whitehouse

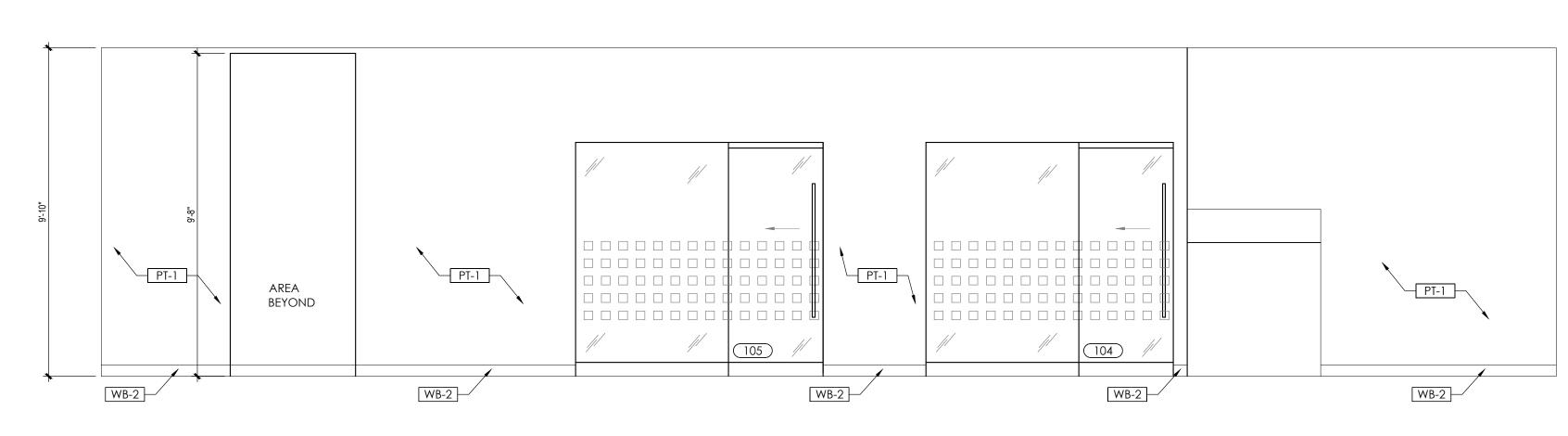


5 VESTIBULE INTERIOR ELEVATION

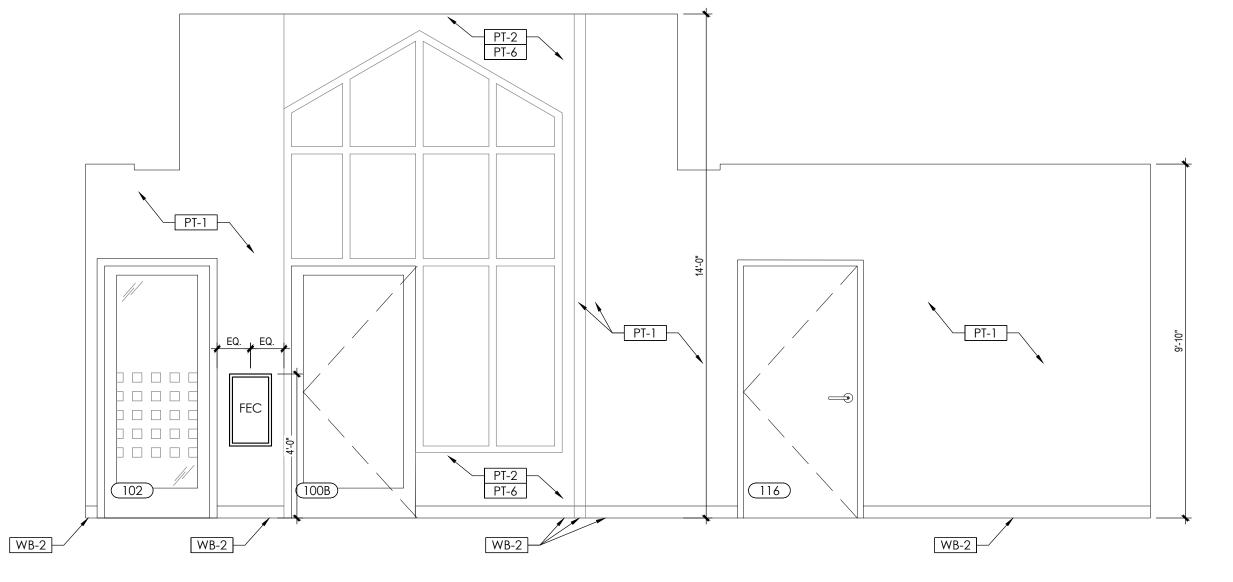
SCALE: 3/8" = 1'-0"



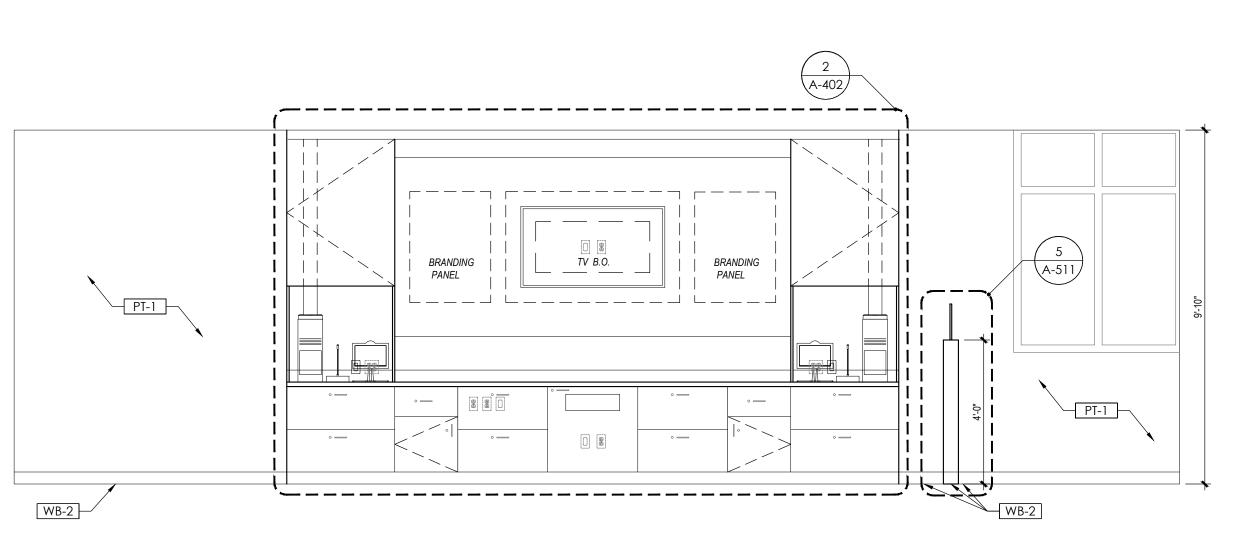
INTERIOR ELEVATION
SCALE: 3/8" = 1'-0"



3 INTERIOR ELEVATION



 $\begin{array}{c}
1 & \text{INTERIOR ELEVATION} \\
\hline
2 & \text{SCALE: } 3/8" = 1'-0"
\end{array}$ 



1 INTERIOR ELEVATION
SCALE: 3/8'' = 1'-0''

SECRET SECRET AND SPECIFIC AND SPECIFIC AND SPECIFIC AND SPECIFIC AND SPECIFIC AND SPECIFIC USER OWNER OF BY ANY OTHER PARTY, WITHOUT THE SPECIFIC AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY SPECIFIC AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXPRESSION OF USE TO ANY SPECIFIC AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXPRESSION OF USE TO ANY SPECIFIC AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXPRESSION OF USE TO ANY SPECIFICALLY INTENDED. USER WILL HOLD CORESTATES, INC. HARMLESS FROM ALL CLAIMS AND LOSSES.

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GROUP CORESTATES DESIGN P.C.

by me or under my direct supervision and that I am a duly Licensed Architect under the laws of the state of Minnesota.

Signature:

\_\_\_\_\_ Patrick Blees

Date:

Registration No: 18079

ISSUE DATE DESCRIPTION

- 10.22.2021 100% SET REVIEW

PROJECT INFORMATION

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: D.WHITEHOUSE

V.ALVAREZ

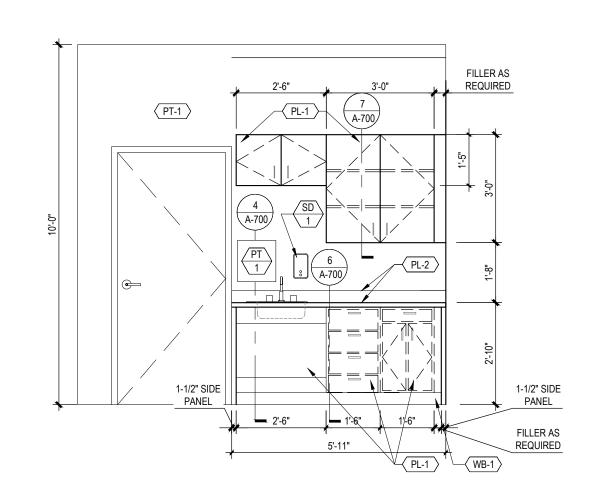
CHECKED BY:
SHEET TITLE

INTERIOR ELEVATIONS (FRONT OF THE HOUSE)

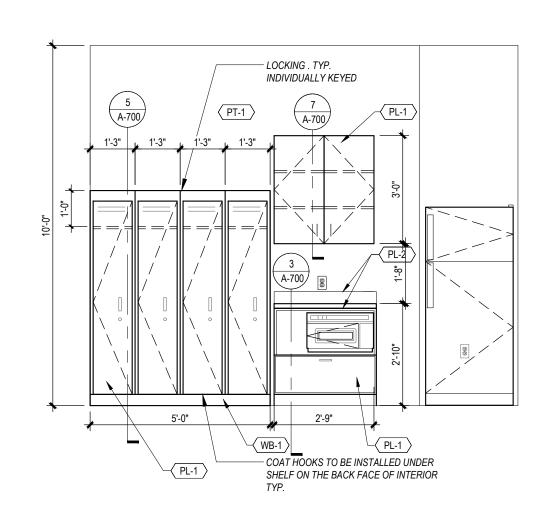
SHEET NUMBER

#### RESTROOM ACCESSORY SCHEDULE MARK **DESCRIPTION** MANUFACTURER MODEL **FINISH** COMMENTS COAT HOOK GATCO LATITUDE II SATIN NICKEL G.C. FURNISHED, G.C. INSTALLED GB1 **GRAB BARS** BRADLEY STAINLESS STEEL CONTRACTOR FURNISHED, CONTRACTOR INSTALLED 812x32 GB2 **GRAB BARS** CONTRACTOR FURNISHED, CONTRACTOR INSTALLED BRADLEY STAINLESS STEEL 812X42 GB3 GRAB BARS BRADLEY 812X18 CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. STAINLESS STEEL CONCEALED MOUNTING MR CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. MIRROR BRADLEY 747-XXXX W/ CLIP INSTALL 3'-4" A.F.F. WILL NEED TO PROVIDE SPACER -**FASTENERS** WALL UNEVEN TILE TO WALL PT PAPER TOWEL DISPENSER - ROLL GP GEORGIA PACIFIC **ENMOTION** PV FURNISHED, G.C. INSTALLED 59437A SD GP GEORGIA PACIFIC **ENMOTION** SOAP DISPENSER PV FURNISHED, G.C. INSTALLED -53058 TOILET TISSUE DISPENSER - DOUBLE GATCO LATITUDE II SATIN NICKEL CONTRACTOR FURNISHED, CONTRACTOR INSTALLED. 1'-7" TO BOTTOM OF ROLL, 9" FROM EDGE OF TOILET TO CENTER OF FIXTURE

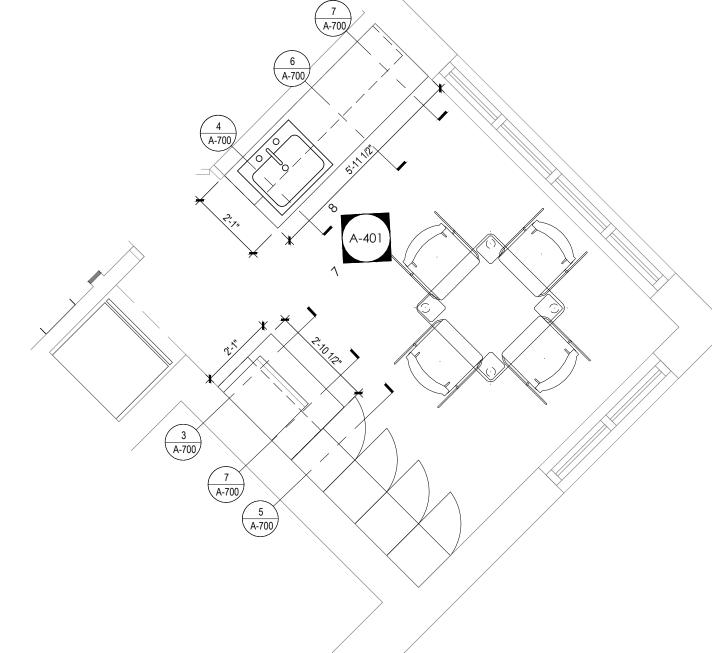
- PROVIDE WALL CLEATS/BLOCKING 3/4" PLYWOOD AT ALL TOILET PAPER HOLDERS, RAILS AND WALL MOUNTED ACCESSORIES PER PLAN IN RESTROOMS.



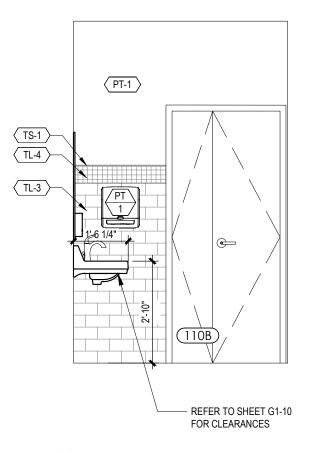




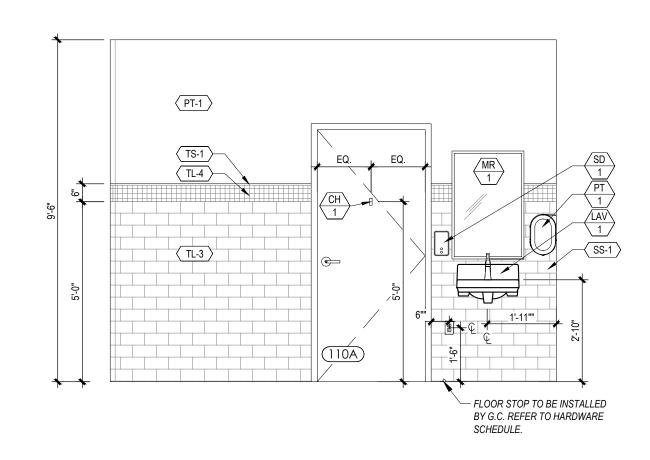
BREAKROOM ELEVATION SCALE: 3/8" = 1'-0"



BREAKROOM ENLARGED PLAN SCALE: 3/8" = 1'-0"

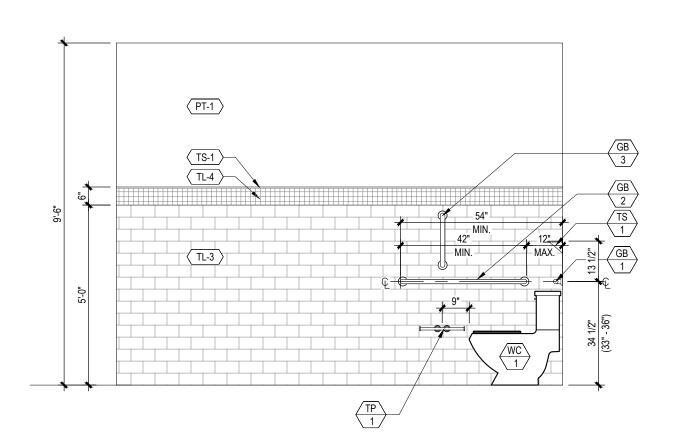


RESTROOM ELEVATION SCALE: 3/8" = 1'-0"

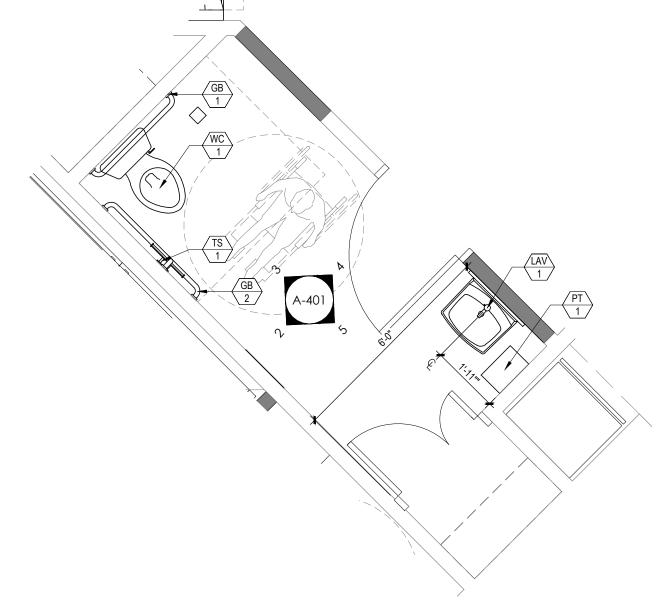


PT-1

RESTROOM ELEVATION SCALE: 3/8" = 1'-0"



RESTROOM ELEVATION SCALE: 3/8" = 1'-0"



RESTROOM ENLARGED PLAN SCALE: 3/8" = 1'-0"

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PROJECT INFORMATION PROJECT NO: 05.18.2021 SCALE: AS NOTED D.WHITEHOUSE

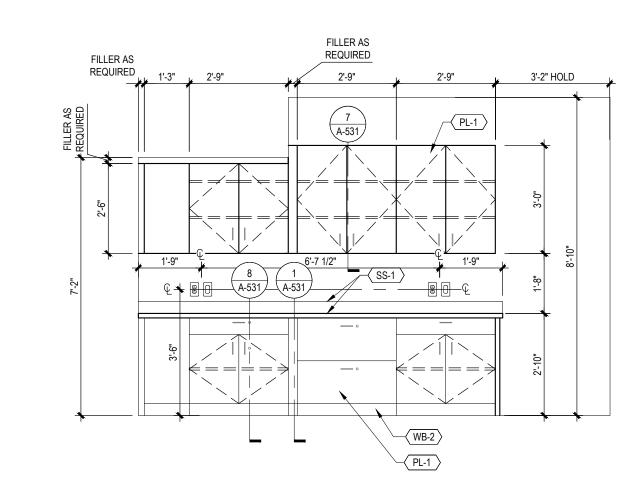
V.ALVAREZ

CHECKED BY: SHEET TITLE

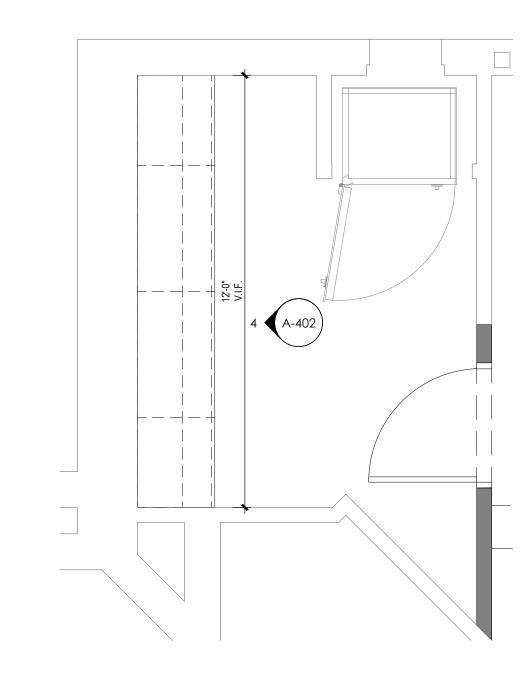
DRAWN BY:

ENLARGED PLANS & **ELEVATIONS-RESTROOM** & BREAKROOM

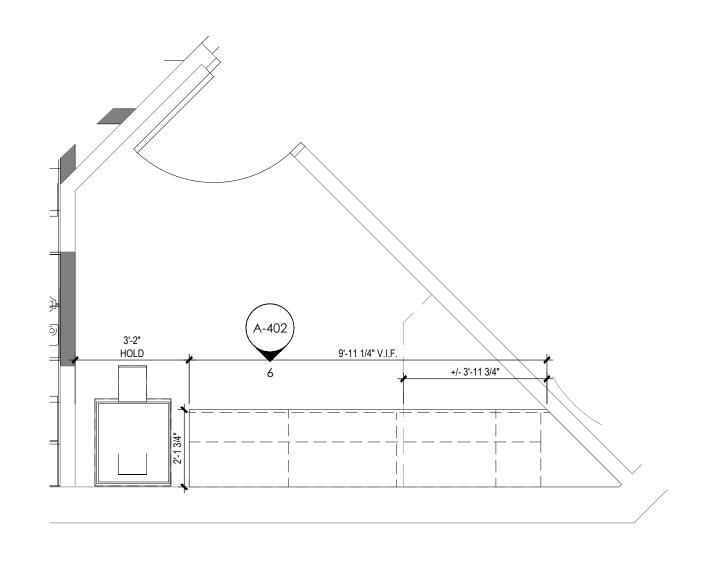
SHEET NUMBER



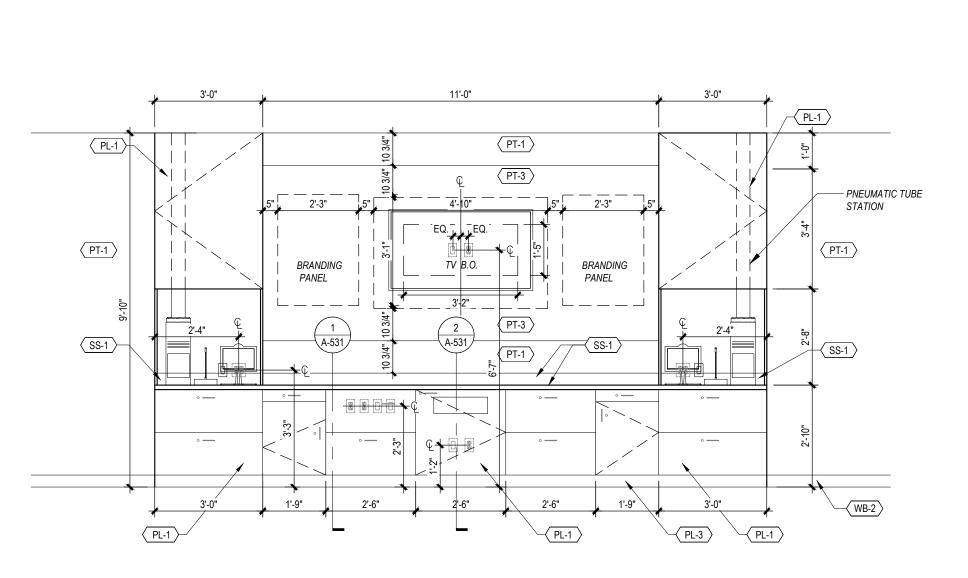




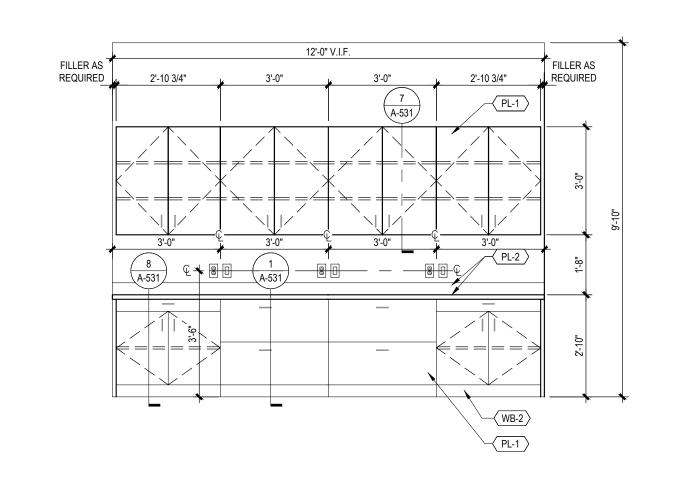
3 CASH ROOM ENLARGED PLAN SCALE: 3/8" = 1'-0"



5) WORK ROOM ENLARGED PLAN
SCALE: 3/8" = 1'-0"

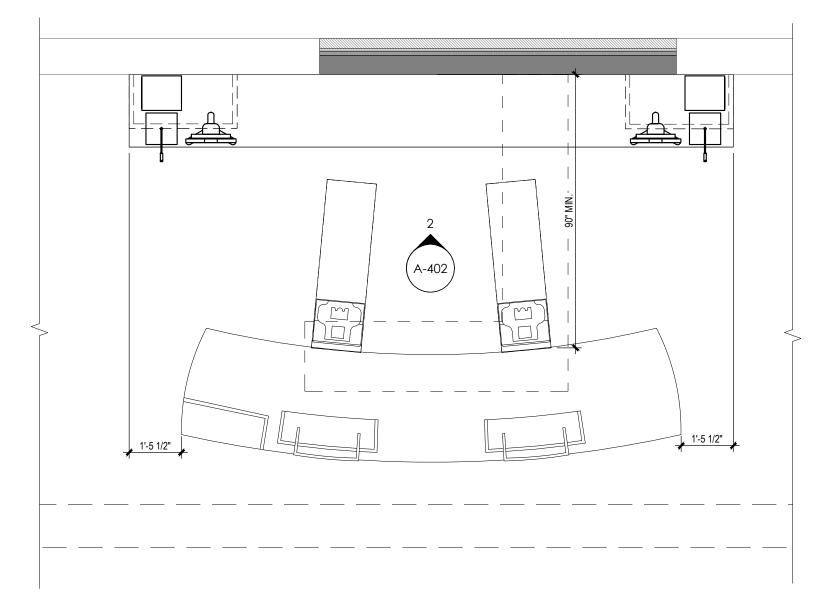


2 TELLER POD ELEVATION
SCALE: 3/8" = 1'-0"

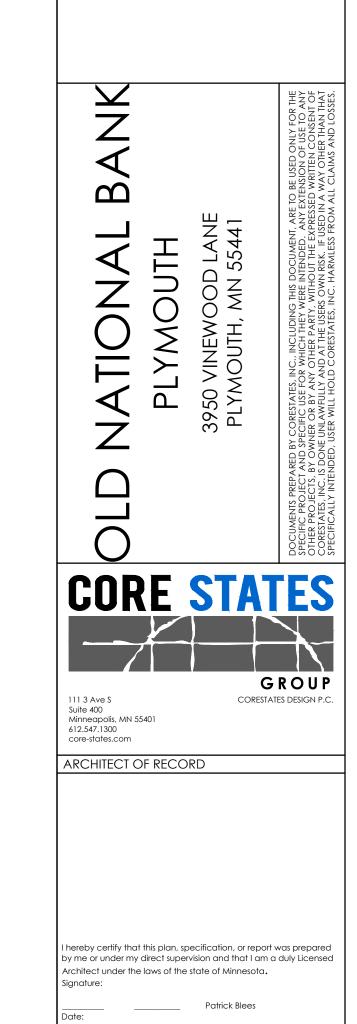


4 CASH ROOM ELEVATION

SCALE: 3/8'' = 1'-0''



 $\frac{1}{1} \frac{\text{TELLER POD ENLARGED PLAN}}{\text{SCALE: } 3/8" = 1'-0"}$ 



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PROJECT NO: ONB.32396

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ISSUE DATE

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

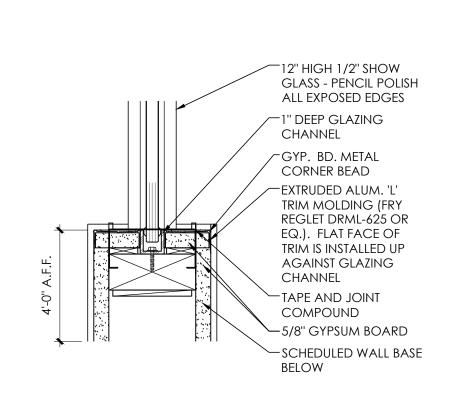
DRAWN BY: D.WHITEHOUSE

CHECKED BY: V.ALVAREZ

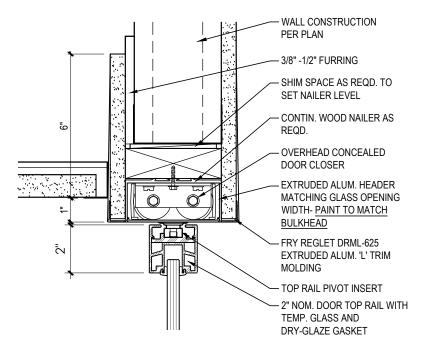
ENLARGED PLANS &
ELEVATIONS - TELLER/
CASH ROOM/ WORK

ROOM

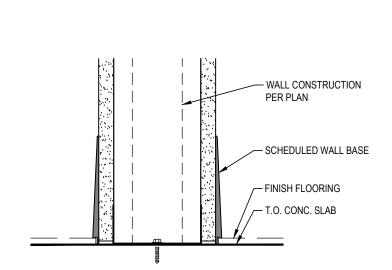
SHEET NUMBER

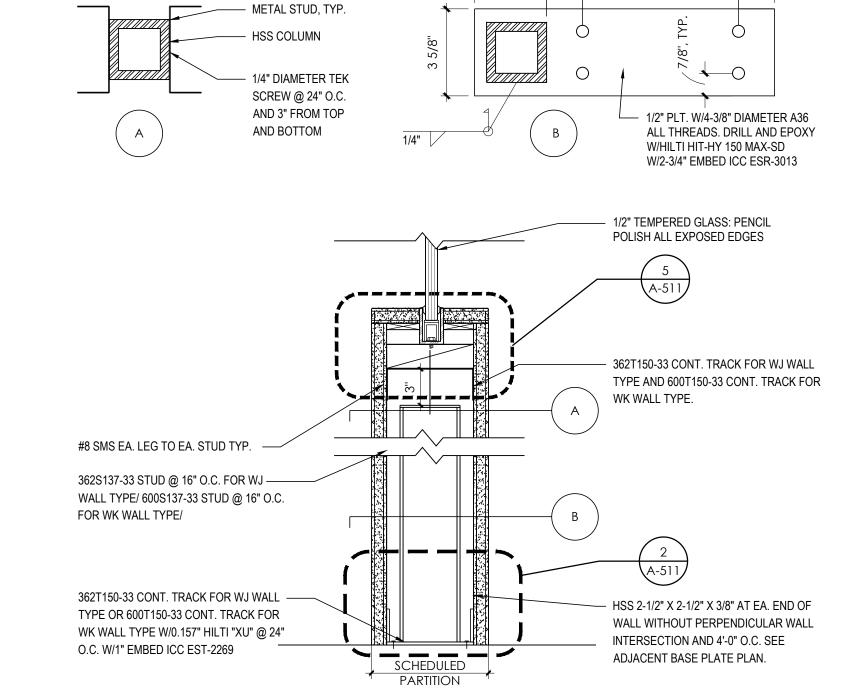






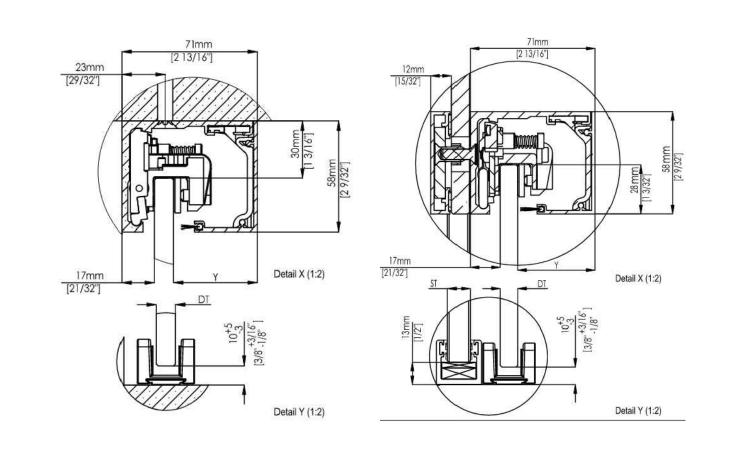






1 1/2"





1 MUTO GLASS PARTITION DETAILS
SCALE: N.T.S.



-	10.22.2021	100% SET REVIEW
PRO.	JECT INFO	ORMATION
PRO	DJECT NO:	ONB.32396
DATE:		05.18.2021
SCALE:		AS NOTED
DRAWN BY:		D.WHITEHOUSE
CHECKED BY:		V.ALVAREZ

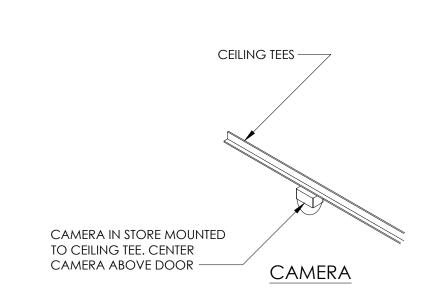
ISSUE DATE DESCRIPTION

DETAILS: OFFICE & CONFERENCE ROOM FIELD-BUILT PARTITION

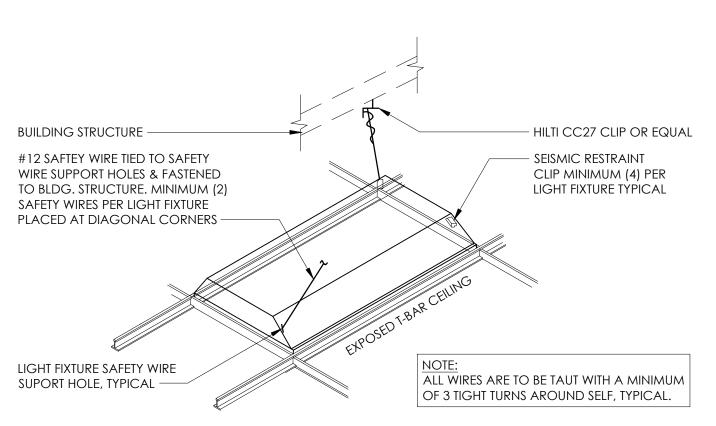
SHEET NUMBER

SHEET TITLE

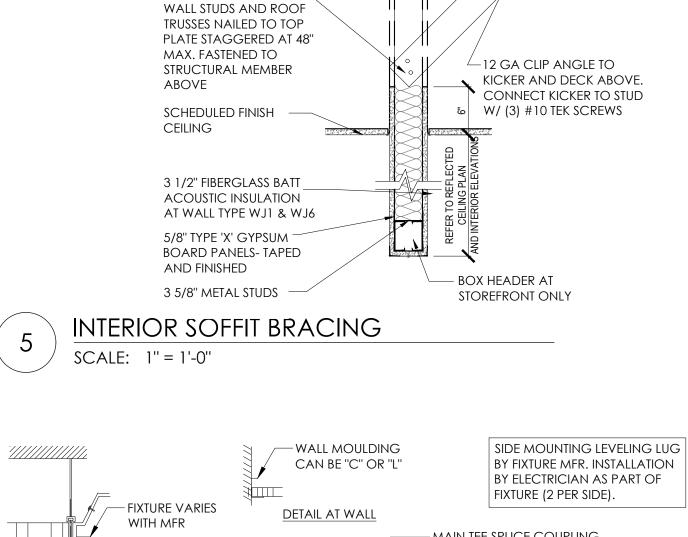
Registration No: 18079







LIGHT FIXTURE SUPPORT DETAIL SCALE: NOT TO SCALE



(3)#10 TEK SCREWS TO

ABOVE

EXISTING ROOF STRUCT.

CONT. TOP PLATE

ROOF STRUCTURE

FASTENED TO EXITING

EXTEND GYP. BOARD TO -THE UNDERSIDE OF THE DECK AS REQUIRED BY CODE. LOCATED PER PLAN

BRACES FASTENED AT

- MAIN TEE SPLICE COUPLING (OCCURS AT RANDOM) TILE OPENING SECTION "A-A" THE RECESSED FIXTURE MAY BE SUPPORTED BY THE MAIN TEES CROSS TEE- MAY BE 1-1/2" SPACED 2'-0" OR 4'-0" O.C. OR 1" HIGH AND MAY BE 2'-0" OR 4'-0" O.C. — . MUST USE AN INTERLOCKING CROSS TEE OR MAIN TEE-48" O.C. LOCKING BAR AT EACH END OF LIGHT FIXTURE. MAX. (SHAPE AND 2. THE TOTAL WEIGHT OF A LIGHT FIXTURE AND OTHER DESIGN AS APP'D.) -EQUIPMENT (AIR BOXES, ETC.) & CEILING MATERIAL SUPPORTED BY THE MAIN BEAM MUST NOT EXCEED 12 GA. GALV HANGER WIRE NOT THE ALLOWABLE DEFLECTION OF 1/360 OF IT'S TO EXCEED 4'-6" O.C. ALONG MAIN SPAN. DEFLECTION DATA MUST BE FURNISHED & RUNNER. SEE SECTION A-A. ATTACH CERTIFIED BY THE MANUFACTURER. TO EXISTING BUILDNG STRUCTURE -3. SURFACE OR PENDENT FIXTURES MUST BE INDEPENDENTLY SUPPORTED FROM FLOOR OR ROOF CONSTRUCTION. **CEILING GRID DETAIL** 

SCALE: NOT TO SCALE

PLYMOUTH **CORE STATES** 111 3 Ave S Suite 400 Minneapolis, MN 55401 612.547.1300 core-states.com hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Licensed rchitect under the laws of the state of Minnesota. Registration No: 18079 ISSUE DATE DESCRIPTION 10.22.2021 100% SET REVIEW

PROJECT INFORMATION

**CEILING DETAILS** 

A-521

ONB.32396

05.18.2021

AS NOTED

V.ALVAREZ

D.WHITEHOUSE

PROJECT NO:

SCALE:

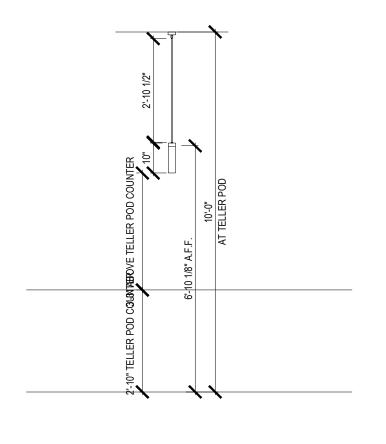
SHEET TITLE

SHEET NUMBER

DRAWN BY:

CHECKED BY:

GROUP



MOUNTING HEIGHT -PENDANT

SCALE: 3/8" = 1'-0"

**CEILING DETAIL** SCALE: 3/4'' = 1'-0''

LOBBY ACT

- ACT CEILING CLIPS. ATTACHED

TO EXISTING WOOD CEILING

- EXISTING CONSTRUCTION

BOARD ON FACE OF THE

SOFFIT CONSTRUCTION

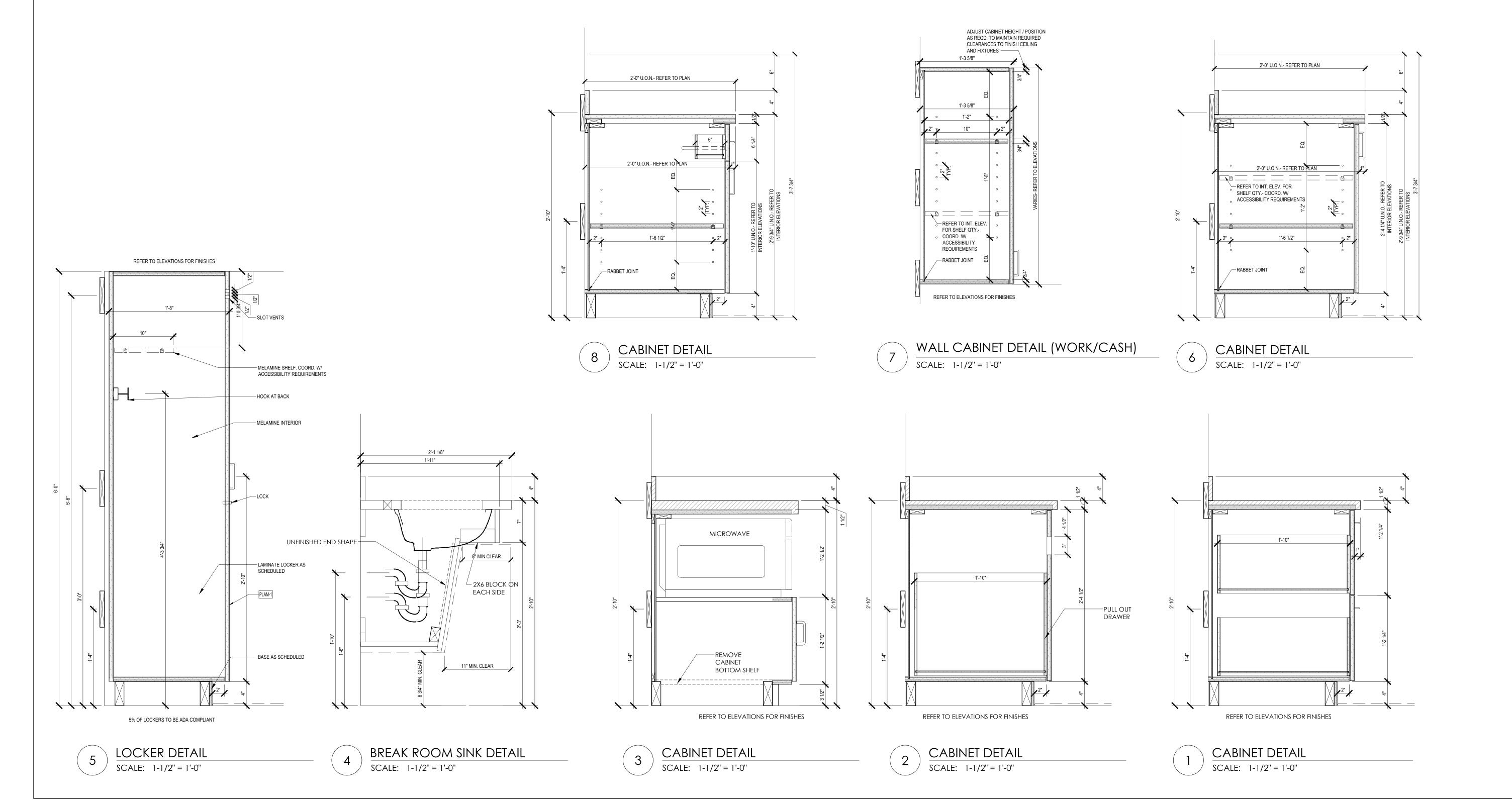
- ACT CEILING CLIPS. ATTACHED TO EXISTING WOOD CEILING

ACT CEILING 9'-10"

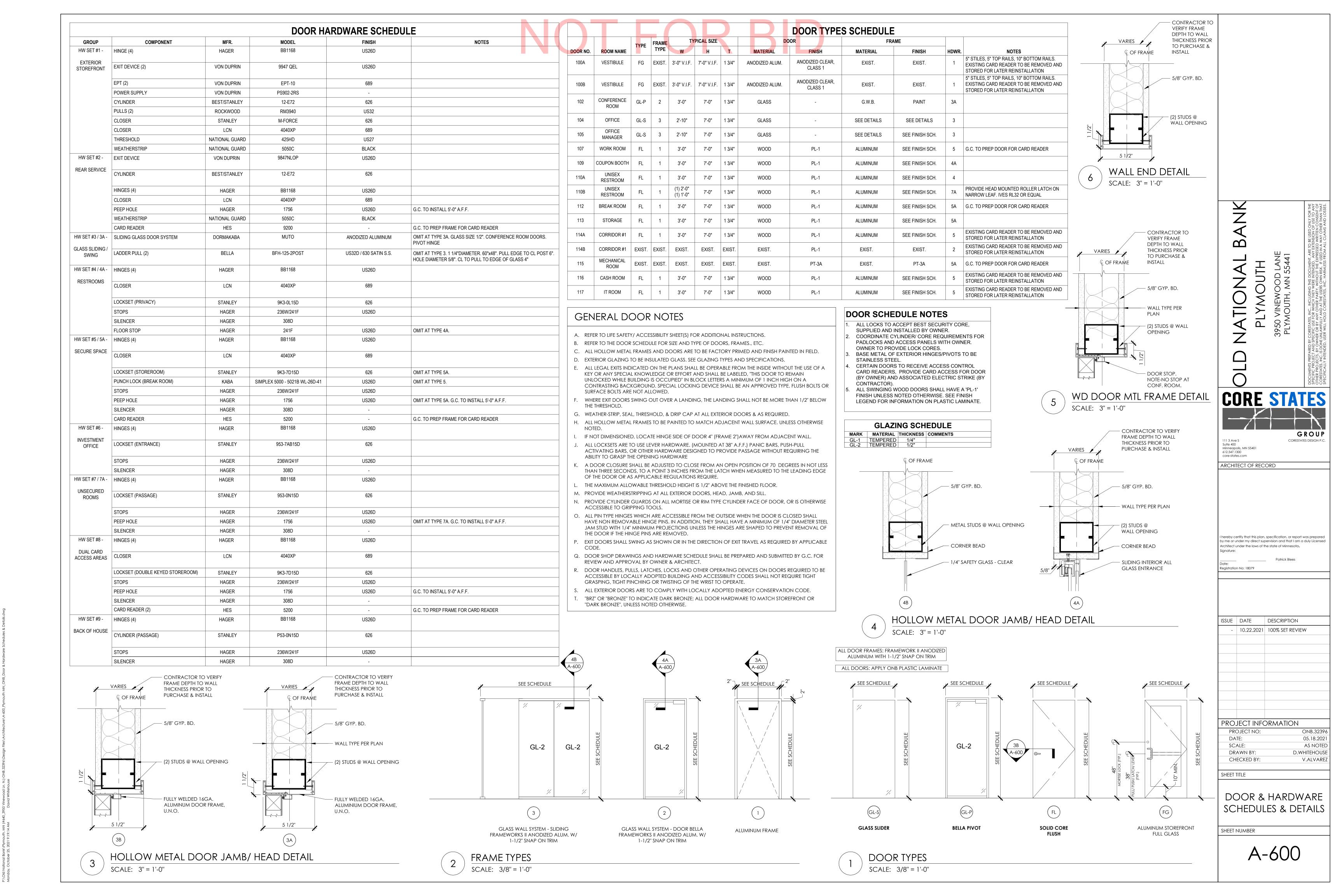
EXISTING SOFFIT 9'-8" (V.I.F.)

- NEW GYPSUM WALL

TO REMAIN



 $\Delta$ NATIONAL PLYMOUTH **CORE STATES** GROUP 111 3 Ave S Suite 400 Minneapolis, MN 55401 612.547.1300 core-states.com nereby certify that this plan, specification, or report was prepared y me or under my direct supervision and that I am a duly Licensed rchitect under the laws of the state of Minnesota. ISSUE DATE DESCRIPTION 10.22.2021 100% SET REVIEW PROJECT INFORMATION PROJECT NO: ONB.32396 05.18.2021 AS NOTED SCALE: D.WHITEHOUSE DRAWN BY: CHECKED BY: V.ALVAREZ SHEET TITLE MILLWORK DETAILS SHEET NUMBER A-531



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DIVISION 11 - TELLER & SERVICE EQUIPMENT
DIVISION 02 - SITEWORK & UTILITIES
                                                                                                                                                                                                                                                                                                           6. BRAND WALL
                                                                                                                                                                                                                                                                                                                A. TELLER PODS
    1. EARTHWORK & SITE UTILITIES
                                                                                                                                                             A. THE BOLLARDS AROUND THE VAT TUBES SHOULD BE 52" IN HEIGHT
         A. (2) 4" CONDUITS TO BE INSTALLED FROM EASEMENT INTO IT ROOM FOR (4) FIBER AND COPPER LINES FOR DATA.
                                                                                                                                                                                                                                                                                                                      I. QUAD (2) OUTLETS LEFT AND RIGHT FOR COMPUTER EQUIPMENT
                                                                                                                                                             B. ALL BOLLARDS TO RECEIVE YELLOW SLEEVE ROUND TOP BOLLARD COVERS.
    2. ASPHALT PAVING
                                                                                                                                                                                                                                                                                                                      II. DUPLEX (1) DEDICATED FOR CASH RECYCLER.
          A. THERE SHOULD BE 9X20 PARKING SPACES ON THE SITE WHERE POSSIBLE.
                                                                                                                                                                                                                                                                                                                      III. LOCATED LOW WITHIN TELLER POD - PICTURE STANDARD FOR REFERENCE.
                                                                                                                                                             A. REGARDING LOCATION OF THE ATM AND NIGHT DEPOSIT IN THE DRIVE THRU: THE ATM SHOULD BE UNIT FURTHEST FROM THE BUILDING.
          B. THE PARKING STRIPING TO BE HAZARD YELLOW.
                                                                                                                                                                                                                                                                                                                      IV. DUPLEX RECEPTACLE INSTALLED IN FAR LEFT AND FAR RIGHT OPENINGS IN PODS. MOUNT TO BACK PANEL OF OPENING.
                                                                                                                                                             B. POWER, DATA, AND SECURITY/CAMERA BOXES TO BE PROVIDED TO THE LEFT HAND SIDE OF ATM (IF LOOKING AT THE BACK OF THE ATM) - MAKE
          C. HANDICAP STRIPING TO BE HANDICAP BLUE.
                                                                                                                                                                                                                                                                                                                B. BRAND WALL CASH ADVANCE FAIL SAFE
               I. HANDICAP SYMBOL TO BE ACTION/ACTIVE SYMBOL UNLESS SPECIFIED BY LOCAL MUNICIPALITY.
                                                                                                                                                             SURE TO BE CLEAR OF THE MINIMUM/MAXIMUM CLEARANCE WINDOW FOR ATM SERVICE (OPTIVIA/NCR).
                                                                                                                                                                                                                                                                                                                      I. OUTLET (2) DUPLEX FOR CASH ADVANCE FAIL SAFE.
    3. LANDSCAPING
                                                                                                                                                                  I. ATM TO HAVE A DEDICATED CIRCUIT AND ITS OWN ISOLATED GROUND AT +18" A.F.F.
                                                                                                                                                                                                                                                                                                                      II. JUNCTION BOX (1) FOR DATA DROPS (2)
          A. RIVER ROCK LANDSCAPING OVER MULCH.
                                                                                                                                                                  II. DATA JUNCTION BOX WITH CONDUIT AND PULLSTRING ABOVE CEILING +18" A.F.F.
                                                                                                                                                                                                                                                                                                                      III. +26" A.F.F. IN CABINET LEFT OF PRINTER
               I. STONE TO BE WASHED RIVER ROCK; LOCAL RIVER ROCK WITH MILD VARIANCES TO COLOR ACCEPTABLE. SIFT TO SIZE 9.
                                                                                                                                                                  III. SECURITY JUNCTION BOX WITH CONDUIT AND PULLSTRING ABOVE CEILING +18" A.F.F.
                                                                                                                                                                                                                                                                                                                C. BRAND WALL PRINTER CABINET
               II. WITH LOCAL VARIANCES, CONTRACTOR SAMPLE SUBMITTAL OF ROCK REQUIRED BEFORE IT IS USED.
                                                                                                                                                             C. ATM IS PROVIDED BY OWNER - CONTRACTOR RESPONSIBLE FOR ATM OPENING CUTOUT, FRAMING, LINTELS OR OTHER STRUCTURAL SUPPORT/
                                                                                                                                                                                                                                                                                                                      I. OUTLET (1) DUPLEX FOR PRINTER
          B. ALL LANDSCAPE BEDS NEAR BUILDING PERIMETER TO BE STONE.
                                                                                                                                                              ACCOMMODATIONS FOR ATM THRU WALL.
                                                                                                                                                                                                                                                                                                                      II. JUNCTION BOX (1) FOR DATA DROP (1
          C. LANDSCAPING BED INSTALLED AT MAIN ENTRANCE (AS SITE ALLOWS) WITH STANDARD VEGETATION AND RIVER ROCK.
                                                                                                                                                                                                                                                                                                                     III. +18" A.F.F. IN CENTER PRINTER CABINET.
                                                                                                                                                        3. ATM SURROUND DETAILS
          D. ALL ROCK LANDSCAPING TO HAVE BULLET PAVER EDGE.
                                                                                                                                                             A. STANDARD ATM SURROUNDS SUPPLIED BY STERLING ATM.
                                                                                                                                                                                                                                                                                                                D. VAT TOWER CABINET
               I. EDGERS TO BE PLACED IN A BED OF CONCRETE TO KEEP THEM FROM MOVING.
                                                                                                                                                             B. STANDARD SURROUND IS 1" THICK (1.125" LOGO BLOCK THICKNESS), 80.09" TALL AND 46.21" WIDE
                                                                                                                                                                                                                                                                                                           7. WORK ROOM
                                                                                                                                                             C. ILLUMINATED PAN WITH 2ND SURFACE VINYL FOR SURROUND PANEL. OPAQUE BACKGROUND PAINT 1ST SURFACE PUSH THROUGH FOR LOGO
          E. RETAINING WALLS TO MATCH COLOR OF LIMESTONE ON BUILDING (WHEN APPLICABLE).
                                                                                                                                                                                                                                                                                                                A. MFD DEVICE (1) DUPLEX DEDICATED OUTLET + 18" A.F.F. AT MFD.
                                                                                                                                                                                                                                                                                                                B. MFD DEVICE (1) JUNCTION BOX + 18" A.F.F. FOR (2) DATA DROPS.
                                                                                                                                                             D. FRAME COLOR PMS BLUE 287C.
                                                                                                                                                                                                                                                                                                                C. ALSO APPLIES FOR SEMI-PRIVATE WORK STATIONS IN MIDDLE OF LOBBY FLOOR THAT REQUIRE FLOOR BOX.
DIVISION 03 - CONCRETE
    1. DRIVE THRU CONCRETE AND ISLANDS
                                                                                                                                                             E. BUMP OUTS - TYPICAL 6" BUMP ADDITION WHERE CURBLINE OR SETBACK FROM BUILDING IS GREATER THAN AN OPTIMAL REACH OF 6" FROM
          A. ALL DRIVE LANES TO BE RELATIVELY FLAT, NOT ELEVATOR OR SLOPED WITH EXCEPTION FOR POSITIVE DRAINAGE AWAY FROM BUILDING.
          B. AS SITE REQUIRED, TOP IF CONCRETE ISLANDS TO BE AT SAME LEVEL AS INTERIOR FLOOR ELEVATION.
                                                                                                                                                             F. ATM SURROUND POWER TO BE POWER WHILE WHIP PLUG EXTENSION OFF SURROUND PANEL FED THRU ATM FRAMED OPENING AND POWER OUTLET
                                                                                                                                                                                                                                                                                                                      I. PROVIDE (2) DATA DROPS AND RECEPTACLE ON LEFT SIDE OF ATM (LOOKING FROM BACK OF ATM)
                                                                                                                                                             TO BE 110V 20 AMP DEDICATED CIRCUIT.
               I. CURB/ISLAND 6" TALL - 6" DEPTH.
                                                                                                                                                                                                                                                                                                                      II. PROVIDE (1) JUNCTION BOX FOR SECURITY ON LEFT SIDE OF ATM FOR CAMERA/SECURITY.
          C. DRIVE THRU LANE SPACING/ISLAND WIDTHS
                                                                                                                                                             G. 110V 20 AMP DEDICATED CIRCUIT SEPERATE FROM ATM POWER - OUTLET AT +18" A.F.F.
                                                                                                                                                                                                                                                                                                                      III. PROVIDE (1) POWER DEDICATED FOR ATM
               I. CONCRETE ISLANDS 40" PREFERRED - NEED TO BE AT LEAST 38" (SUPPORT COLUMNS/BRICK WRAP, DOWNSPOUT)
                                                                                                                                                                                                                                                                                                                      IV. PROVIDE (1) POWER OUTLET DEDICATED FOR 100V FOR ATM SURROUND.
                                                                                                                                                             A. SAFE SHOULD HAVE KABA MAS 252 LOCK ON THE OUTER DOOR AND LAGARD 39E COMBO - GUARD PRO LOCK WITH KEYPAD. NIGHT DROP
               II. FIRST LANE - 9'-6".
                                                                                                                                                                                                                                                                                                                B. DT ISLAND
               III. REMAINING LANES - 9'-0".
                                                                                                                                                             SHOULD HAVE KABA MAS 252.
                                                                                                                                                                                                                                                                                                                     I. PROVIDE (3) 1" CONDUITS
               IV. BYPASS LANE - MINIMUM 11'-6".
                                                                                                                                                             B. SAFES FROM STORAGE.
                                                                                                                                                                                                                                                                                                                           1. (1) POWER SUPPLY
                                                                                                                                                                  I. ADDITIONAL LOCKS WILL NEED TO BE CONFIGURED.
               V. FULL CONCRETE PAD BELOW DRIVE THRU CANOPY.
                                                                                                                                                                                                                                                                                                                           2. (1) DATA - 2 DROPS
                                                                                                                                                                        1. EXTERIOR DOORS: KABA MAS 252
               VI. DRIVE THRU CANOPY TO BE 10' HEIGHT TO BOTTOM.
                                                                                                                                                                                                                                                                                                                           3. (1) SECURITY
                                                                                                                                                                        2. INTERIOR DOORS/CABINETS: LAGARD COMBO-GUARD PRO LOCK.
                                                                                                                                                                                                                                                                                                           9. MISC. LIGHTING
DIVISION 04 - MASONRY
                                                                                                                                                                        3. 2 LARGE LOCKERS IN INTERIOR OF SAFE WILL GET THE KABA MAS 252 LOCK.
                                                                                                                                                                                                                                                                                                                A. ONB STANDARD IS 2X2 LED LITHONIA LIGHT FIXTURES FOR ALL AREAS EXCEPT:
                                                                                                                                                                  II. CASH DRAWER/TILLS TO HAVE 2 KEYS FOR EACH DRAWER.
    1. BRICK/CMU/LIMESTONE
                                                                                                                                                                                                                                                                                                                      I. DATA ROOM - STRIP FIXTURE
         A. BRICK TO LIMESTONE TRANSITIONS ON THE BUILDING TO BE FLUSH.
                                                                                                                                                                  III. PAINT EXTERIOR OF SAFE I-MODEL GRAY.
                                                                                                                                                                                                                                                                                                                      II. RESTROOMS - (2) CAN LIGHTS
               I. BULLNOSE SILL TO BE USED BETWEEN LIMESTONE TO BRICK.
                                                                                                                                                                  IV. TOUCHUP PAINT INTERIOR.
                                                                                                                                                                                                                                                                                                                      III. TELLER POD AREA - CANS/WALL WASHERS AND PENDANTS.
               II. BULLNOSE SILL TO BE CUT OUT BY GENERAL CONTRACTOR AT NIGHT DROP AND ATM PENETRATIONS.
                                                                                                                                                                  V. SAFE CODE TO BE WRITTEN ON PAINTERS TAPE AND ATTACHED TO SAFE.
                                                                                                                                                                                                                                                                                                                B. ANYWHERE WITH ACOUSTICAL CEILING WILL HAVE 2X2 LAY IN FIXTURES
          B. LIMESTONE HEADERS TO BE PLACED OVER ALL WINDOWS.
                                                                                                                                                                                                                                                                                                                C. ALL LAY IN FIXTURES INSIDE BANKING CENTER WILL BE 2X2 LAY IN UNLESS OTHERWISE SPECIFIED.
    2. DUMPSTER ENCLOSURE
                                                                                                                                                                  I. LOCATION WITH 1 TELLER POD TO USE SMALL CASH SAFE.
                                                                                                                                                                                                                                                                                                                D. SINGLE STALL RESTROOMS TO HAVE AT LEAST (2) CAN LIGHTS
                                                                                                                                                                                                                                                                                                                                                                                                                                                       \mathbf{\Omega}
                                                                                                                                                                  II. LOCATION WITH 2-3 TELLER PODS TO USE FULL SIZE CASH SAFE.
          A. ENCLOSURE TO MATCH BUILDING FINISH. SIDES AND REAR WITH LIMESTONE BASE, BRICK WALL AND LIMESTONE CAP. INTERIOR WALLS TO BE CMU
                                                                                                                                                                                                                                                                                                                E. LIGHTS IN VESTIBULE TO BE ON 24 HOURS.
                                                                                                                                                             D. IN THE CASH ROOM, THE VAULT DOOR SHOULD BE OPEN AGAINST THE WALL. THERE SHOULD BE ENOUGH SWING OF THE DOOR THAT THE BOXES
                                                                                                                                                                                                                                                                                                           10. EXTERIOR POWER/LIGHTING REQUIREMENTS
          B. DIMENSIONS INSIDE TO BE 8'-4" X 8'-8". SEE DUMPSTER PLAN EXAMPLES.
                                                                                                                                                             ON THE INSIDE WILL BE ABLE TO BE REMOVED.
                                                                                                                                                                                                                                                                                                                 A. ONE (1) EXTERIOR WALL OUTLET WILL BE NEEDED AT THE DRIVE THRU AND ONE (1) NEAR THE ENTRY.
          C. DOORS TO BE 4"X4"X1/4" TUBE FRAME WITH TREATED WOOD PICKETS MOUNTED IN SHADOWBOX PATTERN.
                                                                                                                                                        5. DRIVE THRU EQUIPMENT CABINET
                                                                                                                                                                                                                                                                                                                B. ALL EXTERIOR LIGHTING TO BE ON THE SAME PHOTO CELL. INCLUDING SIGNAGE.
          D. (4) 4" BOLLARDS TO BE PLACED - (2) IN REAR AT 5" OFF CMU BLOCK AND (2) OFF FRONT CORNERS OF ENCLOSURE 6" OFF CORNER.
                                                                                                                                                             A. DRIVE THRU EQUIPMENT CABINET 36"X36" UPPER WALL CABINET TO BE LOCATED IN CASH ROOM, WORKROOM, OR IN UPPER WALL CABINET IN
                                                                                                                                                                                                                                                                                                                C. EXTERIOR LIGHTING FOR DRIVE THRU CANOPY TO HAVE AN OVERRIDE SWITCH.
                                                                                                                                                             ROOM NEAR DRIVE THRU AND BETWEEN TUBE RUN BETWEEN DRIVE THRU AND BRAND WALL
                                                                                                                                                                                                                                                                                                                      I. OVERRIDE SWITCH REQUIRES CONTRACTOR SWITCH WITH EXTERIOR LIGHTING.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               A. WHEN VAULT IS USED IN NEW BUILD BY BANK EQUIPMENT CONTRACTOR, THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR GROUTING OF THE
                                                                                                                                                             B. CABINET TO HAVE OPENING ON TOP AND GRILL (SUPPLIED BY FEHRENBACHER) TO VENT CABINET.
                                                                                                                                                                                                                                                                                                                 D. ELECTRICAL DRAWINGS SHOULD SHOW DETAIL FOR THE METHOD AND LOCATION FOR POWERING UP EXTERIOR BUILDING SIGNAGE AND PYLON
          VAULT DOOR.
                                                                                                                                                             C. CABINET TO HAVE NO SHELVING.
                                                                                                                                                                                                                                                                                                                 SIGNAGE. WILL NEED TO HAVE SIGNAGE CUT SHEETS TO REVIEW POWER WHIPS AND JUNCTION BOXES, POWER FEED AND DESIGNATED POWER.
                                                                                                                                                             D. CABINET TO HAVE QUAD TO POWER DRIVE THRU EQUIPMENT AND LOW VOLTAGE JUNCTION BOX WITH CONDUIT ABOVE CEILING - +76" A.F.F.
                                                                                                                                                                                                                                                                                                                E. PARKING LOT POLE LIGHTS - CREE LED @ 35' BRONZE POLE - PHOTOMETRIC TO BE REVIEWED FOR ADEQUATE LIGHTING
                                                                                                                                                             E. DRIVE THRU EQUIPMENT TO BE SUPPLIED AND INSTALLED BY CONVERGINT.
                                                                                                                                                                                                                                                                                                                     I. IF PARKING LOT IS CONSTRAINED - WALL PACKS TO BE UTILIZED. IN MINNESOTA, WISCONSIN, AND MICHIGAN WALL PACKS WILL REQUIRE
    1. FIXED LOUVER SOLAR DEVICES
                                                                                                                                                                                                                                                                                                                      BATTERY BACKUP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               PLY
          A. NEW BUILD - WHERE APPLICABLE ADD FIXED LOUVER SOLAR CONTROL AIRFOIL SUNSHADES.
                                                                                                                                                  DIVISION 11 - APPLIANCES - PROVIDED BY OWNER
                                                                                                                                                                                                                                                                                                                F. LIGHTING REQUIREMENTS FOR DRIVE THRU
          B. 42" DEEP X 6" HEIGHT X WIDTH OF WINDOW OPENING PER PLAN.
                                                                                                                                                        1. INCLUDE A SHRED BIN IN THE WORK ROOM OR CASH ROOM, ASSUME 36"X36" CLEAR SPACE FOR THE SHRED BIN. BINS ARE 26"X35". THEY SHOULD BE AT
                                                                                                                                                                                                                                                                                                                      I. 5' IN FRONT OF ATM AND/OR NIGHT DROP TO FACE OF MACHINE, MINIMUM OF (10) TEN FOOT CANDLES REEQUIRED.
          C. Z-BLADES WITH SQUARE ALUMINUM FASCIA CHANNEL.
                                                                                                                                                        THE END OF THE CABINETS THAT ARE ON THE WALL THAT IS SHARED WITH THE FRONT OF HOUSE TELLERS
                                                                                                                                                                                                                                                                                                                      II. MUST BE A MINIMUM OF (2) TWO FOOT CANDLE POWER WITHIN 50' FORM ALL UNOBSTRUCTED DIRECTIONS FROM THE FACE OF THE ATM
                                                                                                                                                        2. ALL LOCATIONS WILL HAVE SATELLITE TV AS STANDARD. ROOM ON THE ROOF SHOULD BE ALLOWED FOR A SATELLITE; ALSO A RACEWAY NEEDS TO BE
                                                                                                                                                       RUN FROM THE ROOF TO THE LOCATION OF THE SATELLITE CONTROL BOX. CONDUIT SUPPLIED WITH WEATHER HEAD ON ROOF.
DIVISION 07 - ROOFING, SHEET METAL FLASHINGS AND ROOF SPECIALTIES
                                                                                                                                                                                                                                                                                                                      III. IF ATM AND/OR NIGHT DROP IS LOCATED WITHIN 10' FROM CORNER OF BUILDING, AND ATM AND/OR NIGHT DROP CAN BE ACCESSIBLE
                                                                                                                                                                                                                                                                                                                                                                                                                                                       3. THE BREAK ROOM TV SHOULD BE AN LG OR SAMSUNG 28" FLAT PANEL. LARGE BREAK ROOMS, SIMILAR TO THE INSURANCE FACILITY IN TERRE HAUTE, IN

    METAL SEAM ROOF

                                                                                                                                                                                                                                                                                                                      FROM THE ADJACENT SIDE, THEN A MINIMUM OF (2) TWO FOOT CANDLE IS REQUIRED ALONG THE FIRST 40 UNOBSTRUCTED FEET OF THE
         A. THE SNOW AND ICE STOPS ON METAL SEAM ROOFS SHOULD BE THE BAR TYPE.
                                                                                                                                                        AND AT PARKWOOD IN INDIANAPOLIS, IN SHOULD HAVE A LARGER FLAT PANEL TV. IT SHOULD BE APPROVED BRANDS AS NOTED ABOVE, BUT WILL BE A 46"
               I. SNOW GEM w/ 1" SNO BARRICADE - COLOR TO MATCH EXISTING METAL ROOF.
                                                                                                                                                                                                                                                                                                                      IV. MINIMUM OF (2) TWO FOOT CANDLE REQUIRED FOR DEFINED PARKING AREA WITHIN 60' OF THE FACE OF THE ATM AND/OR NIGHT DROP
                                                                                                                                                        4. CONFERENCE ROOM TV SHOULD BE AN LG OR SAMSUNG 55" FLAT PANEL WHERE APPLICABLE. TV'S WILL BE INSTALLED ONLY WHEN OFFICES HAVE A LINE
                                                                                                                                                                                                                                                                                                                      V. MEASUREMENTS TAKEN 36" ABOVE GROUND LEVEL ON A LEVEL PLANE.
                                                                                                                                                        OF BUSINESS SIDE OF THE BUILDING. TV WILL GO IN THE BANKING CENTER CONFERENCE ROOM. IF BUILD IS A BANKING CENTER ONLY, NO TV WILL BE
          A. TPO AND EPDM ROOFS
                                                                                                                                                                                                                                                                                                           11. MISC. POWER REQUIREMENTS
               I. WHITE COLOR OPTION PREFERRED.
                                                                                                                                                        INSTALLED IN CONFERENCE ROOM.
                                                                                                                                                                                                                                                                                                                A. CONFERENCE ROOM TABLE SHOULD HAVE (1) POWER AND DATA IN FLOOR BOX. CORPORATE DESIGN TO PROVIDE EXACT LOCATION.
               II. EPDM 60MIL - REVIEW TO USE IN MINNESOTA, WISCONSIN, MICHIGAN.
                                                                                                                                                        5. APPLIANCES:
                                                                                                                                                                                                                                                                                                                B. THERE SHOULD BE A POWER AND DATA BOX AT EACH TV LOCATION. DATA AND POWER BOX GO NEXT TO EACH OTHER.
                                                                                                                                                             A. ONB PREFERRED APPLIANCES ARE WHIRLPOOL AND MARVEL.
               III. INSULATION TAPERED ABOVE DECK.
                                                                                                                                                                                                                                                                                                                C. ELECTRICAL OUTLET IN BOH RESTROOM: PLACEMENT SHOULD BE KEPT ON THE SAME WALL NEAR THE SINK BUT NOT ABOVE THE SINK, AND SHOULD
                                                                                                                                                             B. COLOR OF APPLIANCES ARE AS FOLLOWS:
                                                                                                                                                                                                                                                                                                                NOT INTERFERE WITH THE PAPER TOWEL DISPENSER.
          A. ICE AND WATER SHIELD 3' GUTTER AND EAVES ROUND THE PERIMETER TO HELP WITH ICE DAMMING. ICE AND WATER SHIELD ALL VALLEYS.
                                                                                                                                                                  I. EXISTING - NOT BOF - BLACK.
                                                                                                                                                                                                                                                                                                                D. BREAK ROOM TV AND SECURITY MONITORS
                                                                                                                                                                  II. BRANCH OF THE FUTURE - STAINLESS STEEL
          B. GUTTER SIZE FOR ROOF: 6"
                                                                                                                                                                                                                                                                                                                      I. TO BE MOUNTED NO HIGHER THAN 84" A.F.F.
    4. GUTTERS/DOWNSPOUTS
                                                                                                                                                             C. MICROWAVE SIZE 1.7 CU. FT. NON VENTED.
                                                                                                                                                                                                                                                                                                                      II. EACH REQUIRE 110V OUTLET.
          A. DOWNSPOUTS TO BE ON EXIT OF DRIVE THRU CANOPY RATHER THAN ENTRANCE.
                                                                                                                                                                  I. THE MICROWAVE FOR BACK OF HOUSE (BOH) LOCATIONS WILL BE MOUNTED LOW IN CABINETS.
                                                                                                                                                                                                                                                                                                                      III. EACH REQUIRE JUNCTION BOX WITH PULL STRING
          B. ROOF DRAINS TO BE DONE WITH SCUPPER BOX AND DOWNSPOUT, AND TIED INTO THE STORM DRAINAGE SYSTEM
                                                                                                                                                                  II. IF LIMITED COUNTERTOP SPACE, ACCEPTABLE FOR ABOVE COUNTERTOP APPLICATION.
                                                                                                                                                                                                                                                                                                                E. TRANSFER SWITCHES - PER ONB TRANSFER SWITCH EMAIL 20180820
                                                                                                                                                             D. SMALL REFRIGERATOR 10.7 CU. FT. TOP FREEZER WITH ICEMAKER.
                                                                                                                                                                                                                                                                                                                      I. ALL NEW BUILDS TO HAVE A TRANSFER SWITCH.
DIVISION 08 - ALUMINUM ENTRANCES/WINDOWS & GLAZING
                                                                                                                                                             E. LARGE REFRIGERATOR 21.0 CU. FT. TOP FREEZER WITH ICEMAKER.
                                                                                                                                                                                                                                                                                                                      II. ONB TO INFORM FOR MAJOR REMODELS OR REFRESH - TO BE ON PER LOCATION BASIS BASED ON MECHANICAL ROOM SPACE.
    1. GLASS DOOR AND WALL SYSTEMS - DORMA MUTO
                                                                                                                                                             F. MARVEL FREE STANDING ICE MAKER AND MINI FRIDGE BEVERAGE COOLER (WHERE SPECIFIED).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GROUP
                                                                                                                                                                                                                                                                                                                F. OUTLET FOR DYE PACKS TO BE ON DEDICATED CIRCUIT AND INSTALLED ABOVE THE CEILING TILES NEAR ENTRANCE OR EXITS.
                                                                                                                                                                                                                                                                                                                G. CONDUITS FOR DATA - SECURITY/ALARM - CAMERAS - CARD ACCESS
               I. SLIDING GLASS DOORS TO SLIDE OPEN FROM OPPOSITE WALL OF FURNITURE.
                                                                                                                                                                  I. PLUMBING ROUGH IN BOX FOR ICEMAKER LINESET.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Minneapolis, MN 55401
612.547.1300
               II. OFFICES ON AN OPEN CORNER TO HAVE DUAL SLIDING GLASS DOORS.
                                                                                                                                                                  II. DEDICATED CIRCUIT.
                                                                                                                                                                                                                                                                                                                 A. DEVICES SHOULD BE ADDED TO ALL AREAS THAT HAVE WORK STATIONS. WANT MORE CONTROL OF ZONES.
               III. SLIDING GLASS DOORS TO PROVIDE 34" CLEAR OPENING FROM DOOR TO WALL WHEN OPENED.
                                                                                                                                                                                                                                                                                                                B. WHITE NOISE IS NOT NEEDED IN THESE AREAS:
                                                                                                                                                  DIVISION 15 - PLUMBING
          B. CONFERENCE ROOMS
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ARCHITECT OF RECORD
               I. PIVOTING HINGE DOOR (NOT SLIDING).
                                                                                                                                                        1. TOILETS REQUIRE HANDLE TO BE ON SINK SIDE OF TOILET FOR ADA COMPLIANCE.
                                                                                                                                                                                                                                                                                                                      II. BREAK ROOM
    2. WINDOW FILM
                                                                                                                                                        2. THERE SHOULD BE NO LIDS ON THE TOILETS IN THE RESTROOMS, PROVIDED THERE ARE NO LOCAL CODE ISSUES.
                                                                                                                                                                                                                                                                                                                      III. WORK ROOM
          A. INTERIOR GLASS TO RECEIVE PRIVACY BANDING (ONB VENDOR PROVIDED AND INSTALLED).
                                                                                                                                                        3. THERE SHOULD BE NO WATER (SANITARY, DOMESTIC, OR DRAIN) RUNNING ABOVE IT COMMUNICATIONS ROOM. THE GOAL IS TO KEEP THIS ROOM DRY
                                                                                                                                                                                                                                                                                                                      IV. BANKING CENTER LOBBY
          B. FROSTED WINDOWS TO BE DUSTED CRYSTAL (ONB VENDOR PROVIDED AND INSTALLED).
                                                                                                                                                        AS POSSIBLE UNDER EVERY CIRCUMSTANCE.
                                                                                                                                                                                                                                                                                                           13. MISC. ELECTRICAL/DATA REQUIREMENTS
    3. STOREFRONT SYSTEM AND GLASS
                                                                                                                                                        4. ONE (1) EXTERIOR HOSE BIB WILL BE NEEDED AT THE DRIVE THRU AND ONE (1) NEAR THE ENTRY.
                                                                                                                                                                                                                                                                                                                A. DATA ROOM NEEDS TO HAVE GROUND BAR/BUS BAR INSTALLED.
          A. WINDOW VINYLS, PRIVACY BANDING, AND FROSTED WINDOWS TO BE PROVIDED BY ONB.
                                                                                                                                                        5. GARBAGE DISPOSAL WILL BE IN THE BREAK ROOM SINK.
                                                                                                                                                                                                                                                                                                                      I. FIRE RATED PLYWOOD
                                                                                                                                                        6. ONLY INCLUDE WATER FOUNTAIN IF REQUIRED BY CODE.
                                                                                                                                                                                                                                                                                                                      II. DEDICATED 110/120V OUTLET
DIVISION 09 - INTERIOR FINISHES
                                                                                                                                                        7. UNDER COUNTER MOUNTED SINKS SHOULD BE USED IN ALL RESTROOMS WHERE VANITY/SS TOP IS USED.
                                                                                                                                                                                                                                                                                                                 B. BREAK ROOM TO HAVE DATA PLUG FOR PHONE.
    1. METAL STUDS, DRYWALL, AND CEILINGS
                                                                                                                                                            A. IF VANITY INTERFERES WITH ADA REQUIREMENTS, A WALL HUNG SINK WILL BE USED WITH CABINET FOR STORAGE.
                                                                                                                                                                                                                                                                                                                C. WORK ROOM/CASH ROOM POWER DATA CLUSTERS SPACED EVERY 3' ABOVE COUNTERTOP SPACE AND HAVE 4" BETWEEN POWER BOX AND
        A. CEILINGS
                                                                                                                                                        8. THERE WILL BE TRAP-PRIMERS ON ALL FLOOR DRAINS, AND ALL RESTROOMS WILL HAVE FLOOR DRAINS.
                                                                                                                                                                                                                                                                                                                DATA BOX PLACED 42" A.F.F. (8" ABOVE COUNTERTOP TO CENTER OF BOX)
               I. DRYWALL CEILINGS
                                                                                                                                                        9. LOCATIONS FOR SANITARY CLEANOUTS SHOULD BE STRATEGICALLY PLACED WHENEVER POSSIBLE.
                                                                                                                                                                                                                                                                                                           14. LIGHTING CONTROLS
                    1. ABOVE TELLER POD (UNLESS SPECIFIED OTHERWISE)
                                                                                                                                                        10. ALL TOILETS SHOULD BE POWER FLUSH TOILETS.
                                                                                                                                                                                                                                                                                                                A. LIGHT CONTROLS FOR MAIN LOBBY, VESTIBULE, PENDANTS, 6" CAN LIGHTS AND 4" WALL WASHERS SHOULD BE ON THEIR OWN INDEPENDENT LIGHT
                          A. CEILING HEIGHT 10'-1"
                                                                                                                                                        11. MUSTEE SERVICE BASIN - REFER TO DIVISION 10 FOR ACCESSORIES
                                                                                                                                                                                                                                                                                                                SWITCH - DO NOT WANT THESE ON OCCUPANCY.
                    2. RESTROOMS
                                                                                                                                                             A. MUSTEE BASIN - MODEL 63M WHITE 10"X24"X24"
                                                                                                                                                                                                                                                                                                                                                                                                                                                     chitect under the laws of the state of Minnesota.
                                                                                                                                                                                                                                                                                                                      I. NIGHT LIGHT/24 HOUR LIGHTING FOR 2X2 PER CODE. VESTIBULE
                         A. CEILING HEIGHT 9'-0"
                                                                                                                                                             B. SERVICE FAUCET - REFER TO ONB STANDARDS FOR MOP SINK
                                                                                                                                                                                                                                                                                                                      II. ASHRAE CONSIDERATION
                                                                                                                                                        12. SINK AERATORS SHOULD BE FULL FLOW, NOT SPRAY TYPE.
               II. OPEN CEILINGS
                                                                                                                                                                                                                                                                                                                      III. SYSTEM TO BE INSTALLED AS REQUIRED BY CODE.
                    1. IT ROOM, MECHANICAL ROOM
                                                                                                                                                        13. ALL SHUT OFFS ABOVE WALL AND CEILING TO BE LABELED
                                                                                                                                                                                                                                                                                                                B. PRIVATE CONSULTATION, CONFERENCE ROOMS, CASH ROOM, WORK ROOM, HALLWAYS BOH, TO BE ON CEILING MOUNTED SENSOR WITH
                                                                                                                                                                                                                                                                                                                                                                                                                                                    eaistration No: 18079
               III. ACOUSTICAL CEILINGS
                                                                                                                                                                                                                                                                                                                MANUAL ON/OFF OVERRIDE
                    1. FRONT OF HOUSE, LOBBY, PRIVATE CONSULTATION, CONFERENCE, VAULT, CASH AND WORK ROOMS, BREAK ROOMS
                                                                                                                                                   DIVISION 16 - ELECTRICAL/DATA WIRING
                                                                                                                                                                                                                                                                                                                C. BACK OF HOUSE RESTROOMS TO BE ON WALL MOUNT SENSOR WITH PIR OR U/S AUTOMATION.
                         A. CEILING HEIGHTS 11'-0"
                                                                                                                                                        1. TELLER POD
                                                                                                                                                                                                                                                                                                                D. BREAK ROOM, MECHANICAL, STORAGE AND IT TO BE ON WALL MOUNT SENSOR WITH PIR OR U/S AUTOMATION, AND PENDING ROOM SIZE OR
                         B. WALL HEIGHTS/TYPES
                                                                                                                                                             A. EACH POD TO RECEIVE (5) 1" CONDUITS AND CUT FLUSH TO FLOOR TO ALLOW FOR POD TO SLIDE OVER AND GIVE ROOM FOR ALL ELECTRICAL
                                                                                                                                                                                                                                                                                                                CONFIGURATION WILL REQUIRE MULTIPLE SENSORS AND/OR CEILING MOUNT SENSOR.
                               I. FULL WALL HEIGHT FLOOR TO DECK TO BE APPLIED FRAMING AND DRYWALL - SEAL PENETRATIONS THRU - ON THE
                                                                                                                                                             COMPONENTS.
                                                                                                                                                                                                                                                                                                                E. SENSOR PROGRAMMED FOR 30 MINUTES INACTIVITY BEFORE SHUT-OFF.
                               FOLLOWING ROOMS: RESTROOMS, CASH ROOMS, IT TELECOMMUNICATIONS, MECHANICAL ROOM.
                                                                                                                                                                  I. (2) FOR POWER
                          C. WALL BLOCKING - SEE DIVISION 6 FRAMING FOR WALL BLOCKING NOTES.
                                                                                                                                                                        1. CONDUITS ON ENDS TO BE USED FOR POWER (QUADS/DUPLEX).
                                                                                                                                                                                                                                                                                                      DOORS AND HARDWARE
    2. FLOOR COVERINGS
                                                                                                                                                                        2. QUADS TO BE MOUNTED 2" ON INSIDE LAMINATE EDGE OF CASH RECYCLER AND 3" BELOW TOP PANEL TO CLEAR CASH RECYCLER
                                                                                                                                                                                                                                                                                                           1. DOOR/FRAMES
          A. FLOORING PREP - GENERAL CONTRACTOR RESPONSIBLE FOR FLOORING PREP IN ALL AREA. IN AREAS AROUND VAULT, FLOOR SHOULD BE
                                                                                                                                                                                                                                                                                                                A. DOORS LEADING TO BOH AND IN BOH SPACE WILL BE ALUMINUM FRAME WITH LAMINATE DOOR. WILL NOT BE GLASS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    SSUE DATE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DESCRIPTION
          FEATHERS AND FLOATED TO THE INSIDE AND OUTSIDE OF THE VAULT DOOR SILL PLATE. DO NOT CARPET OVER (VAULT DOOR WILL NOT CLOSE).
                                                                                                                                                                  II. (1) FOR DATA
                                                                                                                                                                                                                                                                                                                B. NEW BUILDS TO BE SLIDING GLASS OR PIVOTING HINGE DORMAKABA STYLE DOOR SYSTEMS.
               I. GENERAL CONTRACTOR RESPONSIBLE FOR VAULT DOOR SILL TRACTION TREAD.
                                                                                                                                                                        1. DATA JACKS (3) TO BE MOUNTED ON UNDERSIDE OF TOP PANEL.
                                                                                                                                                                                                                                                                                                                      I. SLIDING GLASS DOOR SYSTEMS - PRIVATE CONSULTATIONS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         10.22.2021 100% SET REVIEW
          B. CARPET
                                                                                                                                                                                                                                                                                                                      II. CORNER OFFICES:
               I. ALL CARPET SHOULD BE LAID IN A QUARTER TURN PATTERN.
                                                                                                                                                                        1. SECURITY COMPONENTS TO BE MOUNTED BY OTHERS ON UNDERSIDE OF TOP PANEL AND SIDE PANELS (AS NEED). REFER TO PICTURE
                                                                                                                                                                                                                                                                                                                           1. 1" GAP GLASS TO GLASS.
          C. VCT
                                                                                                                                                                        FOR REFERENCE.
                                                                                                                                                                                                                                                                                                                           2. LADDER PULLS - BACK TO BACK - SET IN 4" OFF EDGE OF GLASS.
               I. ALL VCT TO RECEIVE (5) COATS OF WAX.
                                                                                                                                                                  IV. (1) FOR FUTURE
                                                                                                                                                                                                                                                                                                                      III. CONFERENCE ROOM
               II. SEE FINISH STANDARDS FOR VCT PATTERN.
                                                                                                                                                             B. TELLER AREA LIGHTING
                                                                                                                                                                                                                                                                                                                           1. GLASS DOOR SYSTEM WITH PIVOTING HINGE.
               III. PATTERN IN VCT - SHOULD BE RAN MONOLITHIC AS WELL.
                                                                                                                                                                  I. CAN LIGHTS TO BE 6" ZUMTOBEL
                                                                                                                                                                                                                                                                                                                      IV. SLIDING GLASS DOOR SYSTEMS TO HAVE SOFT OPEN/SOFT CLOSE FEATURE.
          D. FLOOR BASE
                                                                                                                                                                  II. WALL WASH LIGHTS TO BE 3.5" ZUMTOBEL (INSTALL ABOVE BRAND WALL)
                                                                                                                                                                                                                                                                                                                C. REMODELS OR LOCATIONS AS NOTED TO BE LAMINATE DOORS (FULL DOOR OR FULL GLASS)
               I. FOH AREAS TO HAVE MILLWORK 4.25" BASE
                                                                                                                                                                  III. CAN LIGHTS OVER TELLER AREA SHOULD BE ON SEPARATE SWITCHES.
                                                                                                                                                                                                                                                                                                                      I. PRIVATE CONSULTATION, INVESTMENTS, AND CONFERENCE ROOMS ARE TO RECEIVE WOOD LAMINATE DOOR WITH FULL GLASS AND 3'
               II. BOH AREAS TO RECEIVE VINYL ROLLED BASED.
                                                                                                                                                                  IV. THE PENDANT LIGHTS ABOVE THE TELLER LINE NEED TO BE 39" ABOVE THE WRITING SURFACE, MEASURED FROM THE BOTTOM OF THE LIGHT
               III. MICRO BRANCHES TO RECEIVE MILLWORK BASE IN ALL AREAS.
                                                                                                                                                                                                                                                                                                                D. ALL INTERIOR GLASS DOORS - WOOD DOORS - SLIDING GLASS DOORS - WILL RECEIVE PRIVACY BANDING (ONB PROVIDED, ONB VENDOR
          E. SEALED CONCRETE
                                                                                                                                                                        1. NO DIMMER OR OCCUPANCY SENSOR CONTROLS.
                                                                                                                                                                                                                                                                                                                INSTALLED).
                                                                                                                                                       2. BRAND WALL
                                                                                                                                                                                                                                                                                                                E. ALL EXTERIOR GLASS DOORS WILL RECEIVE HOURS BANDING.
               II. MECHANICAL ROOM
                                                                                                                                                             A. PRINTER CABINET
                                                                                                                                                                                                                                                                                                                      I. TYPICAL HOURS BANDING LOCATION IS ABOVE MIDDLE STILE AND PANIC BAR.
                                                                                                                                                                  I. POWER AND DATA TO BE CENTERLINE OF WALL AT 18" A.F.F. TO CENTER OF BOX
                                                                                                                                                                                                                                                                                                                      II. GLASS DOOR DECALS - CAUTION, AUTOMATIC DOOR, DECALS MUST BE PLACED BELOW PANICBAR. (GC PROVIDED/GC INSTALLED).
          A. TILE PATTERNS
                                                                                                                                                             B. CASH ADVANCE CABINET
                                                                                                                                                                                                                                                                                                                      III. GLASS DOOR DECALS - NO SMOKING, TO BE FREE AND CLEAR OF HOURS BANDING. DECALS MUST BE PLACED BELOW PANICBAR. (ONB
               I. AT TELLER POD - 1/3 STAGGERED BOND.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    PROJECT INFORMATION
                                                                                                                                                                  I. POWER AND DATA TO BE 36" TO LEFT OF CENTERLINE.
                                                                                                                                                                                                                                                                                                                      PROVIDED/ONB INSTALLED).
                    1. LONGEST EDGE OF TILE RUNNING PARALLEL WITH POD.
                                                                                                                                                                        1. (2) RECEPTACLES SIDE BY SIDE, AND (1) DATA BOX (2 JACKS).
                                                                                                                                                                                                                                                                                                                F. LAMINATE/WOOD DOORS HARDWARE
                                                                                                                                                                                                                                                                                                                                                                                                                                                      PROJECT NO:
               II. FOH RESTROOM
                                                                                                                                                                  II. BOXES TO BE MOUNTED 27.5 A.F.F.
                                                                                                                                                                                                                                                                                                                      I. REFER TO ONB STANDARDS FOR LEVER SPECIFICATIONS FOR PRIVACY, PASSAGE AND STOREFRONT SPECIFICATIONS.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  05./18/.2021
                    1. FLOOR - STRAIGHT/STACKED
                                                                                                                                                                  III. POWER ON LEFT, DATA ON THE RIGHT.
                                                                                                                                                                                                                                                                                                                      II. DOOR CLOSERS TO HAVE NO HOLD OPEN FUNCTION, THRU BLOTS, AND PLASTIC COVER OVER LCN 4040 CLOSER.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      SCALE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AS NOTED
                    2. WALL - 1/3 STAGGERED BOND
                                                                                                                                                             C. DT MONITOR CABINETS
                                                                                                                                                                                                                                                                                                                G. LAMINATE DOORS WITH FULL GLASS (WHEN APPLICABLE) MOLDING TRIM TO BE ADDED TO LAMINATE DOOR TO HOLD GLASS IN PLACE - TRIM TO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              D.WAITHEAUKE
          B. FOH RESTROOM WALL ELEVATIONS
                                                                                                                                                                                                                                                                                                                                                                                                                                                      DRAWN BY
                                                                                                                                                                  I. (1) QUAD RECEPTACLE REQUIRED IN EACH END CABINET OF BRAND WALL.
                                                                                                                                                                                                                                                                                                                BE STAINED TO MATCH VERANDA TEAK.
               I. FIELD TILE TO GO UP 15 ROWS.
                                                                                                                                                                  II. BOXES TO BE 42" A.F.F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                      CHECKED BY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 V.ALVAREZ
                                                                                                                                                                                                                                                                                                           2. HARDWARE
               II. GLASS TILE TO BE ABOVE FIELD TILE, GOING UP 6".
                                                                                                                                                                  II. BOXES TO BE NO MORE THAN 28" FROM THE SIDE WALL.
                                                                                                                                                                                                                                                                                                                A. ALL ONB HARDWARE TO BE STANLEY BEST 9K SERIES - US 26D SATIN CHROME FINISH AND LOCK CORES TO BE INSTALLED IN DOORS TO BE BEST
          C. VESTIBULE FLOOR BASE TILE
                                                                                                                                                             D. TV POWER/DATA - WILL BE DICTATED BE CEILING HEIGHT AND MARKETING PLAN.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    SHEET TITLE
               I. USE 4"X6" FLOOR BASE TILE TO GO AROUND CLERESTORY FLOOR.
                                                                                                                                                                  I. DUPLEX FOR TV POWER/JB FOR DATA TO BE MOUNTED HORIZONTALLY DIRECTLY ABOVE BLOCKING (PLYWOOD) IN CENTER OF WALL
                                                                                                                                                                                                                                                                                                                B. CYLINDRICAL DOOR HARDWARE IS PREFERRED OVER MORTISE.
    4. PAINTS
                                                                                                                                                        3. PRIVATE CONSULTS/OFFICES
                                                                                                                                                                                                                                                                                                                 C. HARDWARE/CYLINDERS NEED TO ACCEPT BEST CORES WHERE APPLICABLE.
          A. ONB MARKETING TO PROVIDE PLAN FOR BRAND WALL AND LEVEL 5 WALLS.
                                                                                                                                                             A. POWER AND DATA TO BE BETWEEN 30"-60" OFF BACK WALL OF FURNITURE.
                                                                                                                                                                                                                                                                                                                D. FOR TEMPORARY CONSTRUCTION DOORS, TEMPORARY HARDWARE IS SUPPLIED BY GENERAL CONTRACTOR, TEMPORARY CORE SUPPLIED FOR
          B. VINYL WALLCOVERING LOCATIONS - FINISH NOTES:
                                                                                                                                                                  I. POWER TO BE DUPLEX - DATA - QUAD.
                                                                                                                                                                                                                                                                                                                CONSTRUCTION ACCESS. PERMANENT CORES INSTALLED BY OWNER.
               I. LEVEL 5 DRYWALL FINISH WITH SEMI-GLOSS PAINT FINISH.
                                                                                                                                                             B. POWER FOR THE PCs TO BE ISOLATED GROUND CIRCUIT. PLACE THE DATA CIRCUIT FOR THE PCs ON A DIFFERENT CIRCUIT FROM THE OTHER OUTLETS
                                                                                                                                                                                                                                                                                                                                                                                                                                                        SPECIFICATIONS
                                                                                                                                                                                                                                                                                                                E. TYPICAL NON-CARD ACCESS LOCKS.
                                                                                                                                                             IN THE OFFICES. YOU CAN HAVE AS MANY PC OUTLETS ON A CIRCUIT AS IS ALLOWED BY CODE. THERE IS ONLY THEN PC TRAFFIC ON CIRCUIT AND NO
               II. PAINT TO BE PT-6 SHERWIN WILLIAMS PREPRITE PROBLOCK WHITE #6504-30481.
                                                                                                                                                                                                                                                                                                                     I. COUPON BOOTH - PRIVACY
               III. WALLS TO BE FREE OF FOLLOWING OBSTACLES:
                                                                                                                                                             INTERFERENCE FROM ANYTHING ELSE.
                                                                                                                                                                                                                                                                                                                      II. RESTROOMS - PRIVACY
                    1. WALL STOPS
                                                                                                                                                             C. WALL OPPOSITE DESK TO HAVE OPEN DIRTY POWER ELECTRIC CIRCUIT.
                                                                                                                                                                                                                                                                                                                      III. OFFICES - PASSAGE
                    2. THERMOSTATS
                                                                                                                                                             D. TO HAVE OCCUPANCY SENSORS IN CEILING WITH ON/OFF MANUAL OVERRIDE.
                                                                                                                                                                                                                                                                                                                      IV. INVESTMENT OFFICE - ENTRY FUNCTION
                    3. RETURN/SUPPLY VENTS
                                                                                                                                                             E. THERMOSTAT AND OCCUPANCY SENSORS PLACED ON WING WALL OPPOSITE OF PRIVATE CONSULTATION DESK.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    SHEET NUMBER
                                                                                                                                                                                                                                                                                                                      V. BREAK ROOM - COMBINATION LOCK
                    4. OUTLETS AND SWITCHES
                                                                                                                                                        4. CONFERENCE ROOM
                                                                                                                                                                                                                                                                                                                      VI. DATA/IT - STOREROOM
          C. LEVEL 5 WALLS TO RECEIVE J-CHANNEL FRY REGLET TRIM PIECE ON EACH END TO ACCEPT THE VWC.
                                                                                                                                                             A. POWER - DATA - HDMI (WHEN NEEDED) TO BE RAN THRU FLOOR BOX IN LEG OF CONFERENCE ROOM (PRE DIMENSIONED OFF FURNITURE PLAN)
                                                                                                                                                                                                                                                                                                                      VII. MECHANCIAL ROOM - STOREROOM
          D. MARKETING PLAN PAINT LEGEND SUCCEEDS ALL OTHER PLANS.
                                                                                                                                                              AND COME UP THRU THE FLOOR AT THE TABLE LEG THAT IS FARTHEST AWAY FROM THE DOOR. POWER - DATA - HDMI TO TERMINATEIN BOX IN TABLE.
                                                                                                                                                                                                                                                                                                                      VIII. STORAGE ROOM - STOREROOM
               I. FLOOR PLANS NEED TO MATCH MARKETING PLAN PAINT LEGENDS
                                                                                                                                                             B. TV POWER - DATA - HDMI. OUTLET, JUNCTION BOX AND HDMI + 84" A.F.F. WHERE TV NOTATION CONFERENCE ROOM.
                                                                                                                                                                                                                                                                                                                      IX. JANITOR - PASSAGE
               II. SEE BOTF FINISH STANDARDS.
          E. PATRIOT BLUE ACCENT WALLS
                                                                                                                                                             A. IF A LOCATION HAS A DEDICATED INVESTMENT OFFICE, WE WILL NEED TO INSTALL 2 DATA JACKS IN THIS OFFICE. EVERYTHING ELSE WILL BE
                                                                                                                                                                                                                                                                                                                      I. DOORS WITH CLOSERS USUALLY HAVE CARD ACCESS. DOORS INCLUDE VESTIBULE DOORS, CASH ROOM, WORK ROOM, RESTROOMS,
               I. REQUIRE LEVEL 5 DRYWALL FINISH, SEMI-GLOSS PAINT PROMAR 200.
                                                                                                                                                             IDENTICAL AS #3, PRIVATE CONSULTS/OFFICES.
                                                                                                                                                                                                                                                                                                                      MECHANICAL ROOM. STORAGE ROOM.
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3. PEEP HOLES
                                                                                                                                                                  3. DEDICATED 110V DUPLEX AT +12" A.F.F.
         A. CASH ROOM DOORS AND THE DOOR ENTERING THE BACK OF HOUSE WILL REQUIRE PEEP HOLES. THE STANDARD SHOULD BE 5' ABOVE FINISHED
                                                                                                                                                                  4. CHATSWORTH PRODUCTS BUS ABR 40153-12 TMGB MOUNTED AT BASEBOARD HEIGHT.
         FLOOR.
                                                                                                                                                                 1. MINI SPLIT SYSTEM TO BE MOUNTED 6" FROM TOP OF DOOR FRAME TO BOTTOM EDGE OF A/C UNIT. MOUNT THERMOSTAT ON WALL NEXT TO
         C. APPLY PEEP HOLES TO DOORS TO ROOMS WITH PANIC LIGHT AND BUTTON (CASH ROOM) NAND ANY OTHER SPECIFIED DOORS FROM BOH TO FOH
                                                                                                                                                                  OCCUPANCY WALL SWITCH.
         (PER REQUEST).
                                                                                                                                                            III. LIGHTING
                                                                                                                                                                 1. 4' LED BOX LIGHT AT 10' A.F.F. TO THE BOTTOM EDGE OF THE BOARD.
    4. MISC. LOCK/HARDWARE NOTES
                                                                                                                                                                 2. ACUITY WSX WALL SWITCH FOR OCCUPANCY CONTROL IN ROOM,
         A. ALL EXTERIOR ENTRANCE DOORS SHOULD HAVE PANIC HARDWARE, INCLUDING THE DOUBLE SET OF ENTRY DOORS COMING INTO THE BANK.
              I. EACH ENTRY DOOR INCLUDING BOTH SETS OF VESTIBULE DOORS TO BANKING CENTER DO NOT NEED TO HAVE A RIM CYLINDER LOCK FOR
                                                                                                                                                            IV. FLOORING
                                                                                                                                                                 1. SEALED CONCRETE
              KEY ACCESS. ONLY ONE SIDE OF THE PAIR OF DOORS IS REQUIRED TO BE LOCKABLE. ACCESS TO BE ACHIEVED THRU LOCKABLE DOOR
              (CARD/KEY ACCESS). ONCE PAST LOCKABLE DOOR, THE OTHER DOOR WILL BE DOGGED DOWN WITH AN ALLEN WRENCH.
                                                                                                                                                            V. IT RACK/DVR
         B. ALL DOOR HARDWARE TO BE FINISHED US26D/626 STAIN CHROME (UNLESS SPECIFIED TO MATCH EXISTING STOREFRONT/FINISHES)
                                                                                                                                                                  1. 4'X8' FIRE RETARDANT PLYWOOD 4' A.F.F. TO THE BOTTOM EDGE OF THE BOARD.
                                                                                                                                                                 2. QUAD OUTLETS (2), EACH AT 12" A.F.F. EACH QUAD IS TO BE ISOLATED GROUND.
         C. IF THERE IS A SIDE ENTRANCE DOOR THAT HAS GLASS IN IT, THE GLASS IS TO BE FROSTED (BY OWNER/MARKETING). THIS DOOR TO BE LOCKED AT
                                                                                                                                                                       A. ONE QUAD IS FOR IT/COMPUTER EQUIPMENT; ONE QUAD IS FOR DVR
         D. BACK DOOR TO THE FACILITY WILL BE CONSIDERED AN EMERGENCY EXIT AND WILL BE ALARMED.
                                                                                                                                                                  3. NETWORK JACK FOR WALL PHONE MOUNTED 60" A.F.F.
              I. BACK DOOR - ELEVATED THRESHOLD WITH SEAL AND CAULKING UNDERSIDE TO PREVENT WATER AND BACK DOOR LEAKS INTO BANKING
                                                                                                                                                                  4. NETWORK JACK TO SIDE OF DVR UNIT
                                                                                                                                                                       A. DVR TO BE PLACED AT BOTTOM OF IT RACK
         E. ROOF ACCESS DOOR SHOULD BE LOCKED WITH A PADLOCK THAT USES THE BEST CORE INSTEAD OF DOOR HARDWARE, SO THAT NO ONE CAN BE
                                                                                                                                                                  5. IT RACK - CHATSWORTH PRODUCTS 57004-X03 BLACK INCLUDES (2) PANDUITS
                                                                                                                                                                  6. PROVIDE 24"-26" CLEARANCE AROUND FRONT, ONE SIDE, AND REAR OF IT RACK.
         ACCIDENTALLY LOCKED ON THE ROOF.
         F. ALL DOORS WITH CARD ACCESS TO HAVE DOOR CLOSURES, DOOR CLOSERS TO BE INSTALLED WITH COVER
                                                                                                                                                             VI. CARD ACCESS
                                                                                                                                                                  1. 4'X8' FIRE RETARDANT PLYWOOD 4" A.F.F. TO THE BOTTOM EDGE OF THE BOARD.
2. MILLWORK - BOTF
                                                                                                                                                                 2. JUNCTION BOX FOR CARD ACCESS NETWORK JACKS (2 JACKS) AT 78" A.F.F.
                                                                                                                                                                 3. HARD WIRED POWER SUPPLY AT 72" A.F.F.
   A. FEHRENBACHER IS THE FABRICATOR FOR ONB MILLWORK.
                                                                                                                                                                 4. PANEL MUST HAVE 31" CLEARANCE FOR FULL ACCESS INTO PANEL. PANEL MEASURES 24" TALL X 20" WIDE, PANEL IS 6.5" DEEP
        I. FEHRENBACHER TO FABRICATE, GC TO INSTALL (MICHIGAN, WISCONSIN, MINNESOTA, NORTHERN INDIANA).
         II. FEHRENBACHER TO FABRICATE AND INSTALL WITHIN 250 MILE RANGE FROM EVANSVILLE, INDIANA.
                                                                                                                                                             VII. SECURITY ALARM PANELS
         III. MILLWORKER NEEDS THREE (3) WEEKS FOR FABRICATION AFTER FIELD DIMENSIONS ARE CONFIRMED AND SUBMITTALS ARE APPROVED.
                                                                                                                                                                  1. 4'X8' FIRE RETARDANT PLYWOOD 4' A.F.F. TO THE BOTTOM EDGE OF THE BOARD.
                                                                                                                                                                 2. ONE DUPLEX SUPPLIED 48" A.F.F.
         I. A FLOOR TEMPLATE WILL BE PROVIDED FOR EACH JOB. TEMPLATE INCLUDES THE LOCATION FOR THE TILE LAYOUT, TELLER POD LAYOUT, AND
                                                                                                                                                            VIII. CEILINGS
                                                                                                                                                                  1. CEILING TO BE OPEN.
         LOCATIONS FOR CONDUIT FEEDS, PENDANT LAYOUTS, AND SECURITY CAMERA LAYOUT (CENTERED OVER CASH RECYCLER/COUNTERTOP).
    C. LAMINATE CABINET MATERIAL
                                                                                                                                                                  2. NO WATER LINES OR DRAIN LINES ABOVE IT ROOM
         I. LAMINATE MATERIAL STANDARD IS STEELCASE WILSONART VERANDA TEAK FOR EXTERIOR.
                                                                                                                                                                   1. WALLS TO BE BUILT TO DECK OF FLOOR/ROOF, DRYWALL TAPE AND MUD, FINISH PAINT AND FIRE STOP AROUND PENETRATIONS.
               1. WHITE MELANINE INTERIOR CABINETS.
         II. IF CABINET MATERIAL IS TO MATCH EXISTING ON SITE, COLOR MATCH WILL BE PROVIDED BY ONB.
                                                                                                                                                                  2. DOOR TO BE SOLID, STORE ROOM FUNCTION, ACCEPT BEST CORE, SWING OUT
   D. COUNTERTOPS
                                                                                                                                                       C. 5X6 IT ROOM (SEE 5X6 LAYOUT CONFIGURATION)
                                                                                                                                                             I. ATTRIBUTES ARE SAME AS 6X8 IT ROOM, EXCEPTIONS AS FOLLOWS:
         I. FOH - LG HI MACS - EASED EDGE
              1. DRIVE THRU COUNTERTOPS - NEVAMAR CHARCOAL MATRIX (WHEN REQUESTED, ORIGINAL STANDARDS).
              2. BACK OF HOUSE COUNTERTOPS - CLOUD ZEPHYR.
                                                                                                                                                                       A. CHATSWORTH PRODUCTS 57003-X03 INCLUDES (1) PANDUIT
   E. MILLWORK KEYING (TO BE PROVIDED BY FEHRENBACHER)
                                                                                                                                                                       B. PANDUIT TO BE 2" OFF ADJACENT WALL.
         I. CASH ROOM - NO LOCKED CABINET/DRAWERS.
                                                                                                                                                                  2. CARD ACCESS
                                                                                                                                                                       A. MUST BE KEPT ON ONE WALL AND MOUNTED BEHIND IT RACK
         II. WORK ROOM - LATERAL FILES TO BE KEYED SAME AS BRAND WALL COMMON (100).
         III. BRAND WALL - DRAWER TO THE RIGHT SIDE OF THE PRINTER CABINET TO RECEIVE ITS OWN LOCK (101, COUPON HOLDER DRAWER). ALL OTHER
                                                                                                                                                                      B. MAINTAIN SWING CLEARANCE FOR DOOR (31")
         CABINETS TO BE KEYED TO SAME LOCK ON THIS WALL (100).
                                                                                                                                                                       A. ROOM WILL HAVE LIMITED CLEARANCE AROUND IT RACK, 17" FRONT, 24" SIDE, 28" BEHIND (FOR EQUIPMENT SPACE BEHIND)
         IV. TELLER POD - EACH TELLER STATION AND ASSOCIATED CABINETS TO BE LOCKED DIFFERENTLY (FOR EXAMPLE: 2 PER POD, 102-103, 104-105,
         V. LOCKERS - EACH LOCKER TO BE LOCKED DIFFERENTLY (FOR EXAMPLE: 108-109).
                                                                                                                                                   MISC. ITEMS & NOTES
         VI. HOSPITALITY CABINET - DRAWER AND DOORS TO BE KEYED SAME AS BRAND WALL COMMON (100).
    F. MAINTAIN 20" CLEARANCE FROM THE TOP OF COUNTERTOP TO BOTTOM OF UPPER CABINETS.
                                                                                                                                                       A. FIRE ALARM
   G. UPPER CABINETS TO BE 36" TALL (UNLESS CEILING HEIGHT WILL NOT ALLOW).
                                                                                                                                                            I. NEW BUILDS
                                                                                                                                                                 1. ONLY INSTALL MONITORED ALARM SYSTEM AND SPRINKLERS IF REQUIRED VIA LOCAL OR STATE CODE.
        I. CABINETS TO BE 15" DEEP INSIDE DIMENSION.
                                                                                                                                                                       A. IF NOT REQUIRED - INSTALL HARD WIRED SMOKE DETECTORS WITH BATTERY BACKUP - ARCHITECT TO LAYOUT AS NECESSARY.
    H. THE INSIDE OF ALL LAMINATE CABINETS SHOULD BE WHITE MELAMINE.
                                                                                                                                                                       B. ARCHITECT TO SUPPLY LOCATIONS PER PLAN FOR ALL FIRE ALARM PULL STATIONS, HORNS, STROBES, SMOKE DETECTORS WITH SEPARATE
   I. DRAWER/CABINET PULLS
                                                                                                                                                                       FIRE ALARM PLAN ONLY SHOWING JUNCTION BOXES. PLAN TO BE GIVEN TO ONB FOR SECURITY CONTRACTOR TO PRICE ACCORDINGLY.
         I. FOH - DP211B-BSA DOUG MOCKETT
                                                                                                                                                                  2. REMODELS
         II. BOH - STANLEY 4" SATIN CHROME WIRE PULLS.
                                                                                                                                                                       A. EXISTING SYSTEMS TO REMAIN AS IS UNLESS LOCAL/STATE REQUIRES UPGRADE OF SERVICE DUE TO RENOVATION MAGNITUDE.
         III. NO PULLS SHOULD BE ON ANY FALSE DRAWERS OR CABINET FRONTS THAT ARE INOPERABLE.
                                                                                                                                                      B. FIRE ALARM WILL BE INCLUDED. THE FIRE ALARM SYSTEM SHOULD HAVE ALL THE CORRECT WIRING AND DEVICES INCLUDED SO THAT THE FIRE ALARM
    J. LOCKERS
                                                                                                                                                       SYSTEM CAN BE CONNECTED TOP A DIALER THAT WILL NOTIFY THE LOCAL MONITORING COMPANY.
         I. NEED 2 EXTRA LOCKERS OVER THE NUMBER OF TELLER STATIONS. EX: 2 TELLERPODS, HAVE SPACES FOR 4 TELLERS, WE WILL INSTALL 6 TELLER LOCKERS.
                                                                                                                                                            I. FIRE ALARM MONITORING
         II. TOP OF LOCKER TO RECEIVE A SHELF 12" FROM THE TOP.
                                                                                                                                                       C. THERE NEEDS TO BE A POWER SAFE PHONE AT ALL FACILITIES. LOCATION FOR FIRST CHOICE IS IN THE CABINET LEFT OF THE PRINTER AT BRAND WALL
         III. COAT HOOK TO BE INSTALLED UNDERNEATH THE SHELF ON THE BACK FACE OF THE LOCKER INTERIOR.
                                                                                                                                                       BEHIND TELLER POD.
         IV. ALL LOCKERS TO HAVE SLOTS IN THEM FOR VENTING.
                                                                                                                                                       D. BULLETIN BOARD IN THE BREAK ROOM MOUNTED 3' A.F.F.
   K. BASE CABINETS WITH CABINET DOORS SHOULD HAVE A SINGLE DRAWER ACROSS THE TOP OF THE DOUBLE DOORS.
                                                                                                                                                       E. BUILDING OFFICE ROOM SIZES:
         I. DRAWER TO BE 5" DEEP.
                                                                                                                                                            I. PRIVATE CONSULTATION OFFICES ARE TO BE 10'-0" X 10'-1"
   L. COUPON BOOTH COUNTERTOP TO BE29" A.F.F. TO TOP.
                                                                                                                                                            II. BACK OF HOUSE OFFICE TO BE 10'-0" X 11'-0"
        I. BRACKETS SUPPLIED AND INSTALLED BY FEHRENBACHER. GC TO INSTALL BLOCKING IN WALL FOR BRACKETS.
                                                                                                                                                            III. WORK STATIONS TO BE 6'-0" X 8'-0"
    M. BREAK ROOM SINK CABINET TO BE 2'-6" WIDE UNLESS WIDER IS REQUESTED/NEEDED.
    N. UPPER AND LOWER CABINETS TO LINE UP WITH EACH OTHER - WIDTHS MAY VARY.
                                                                                                                                                   MECHANICAL HVAC NOTES
    O. LATERAL FILES TO BE 11.5" DEEP.
                                                                                                                                                       A. HVAC EQUIPMENT APPROVED VENDORS:
   P. BRAND WALL DETAILS WITH ELECTRICAL NOTES
                                                                                                                                                            I. HVAC RTU EQUIPMENT (COMMERCIAL) (CARRIER, YORK, TRANE, AMERICAN STANDARD).
         I. EQUIPMENT DRAWER AND LATERAL FILE UNDERNEATH.
                                                                                                                                                            II. HVAC SPLIT SYSTEMS (RESIDENTIAL) (CARRIER, TRANE, AMERICAN STANDARD).
              1. QTY (2) DUPLEX, QTY (2) DATA JB FOR EQUIPMENT TO BE +26" A.F.F.
         II. PRINTER CABINET TO HAVE SLIDE OUT SHELF AT BOTTOM OF CABINET ONLY. PRINTER CABINET TO NOT HAVE A SHELF IN THE MIDDLE.
                                                                                                                                                            III. HW BOILER APPROVED VENDORS (LOCHINVAR, AERCO).
                                                                                                                                                            IV. MINI SPLIT VENDORS (FUJITSU, LG, MITSUBISHI)
              1. QTY (1) DUPLEX, QTY (1) DATA JB FOR PRINTER TO BE +18" A.F.F.
                                                                                                                                                       B. BAS EQUIPMENT APPROVED VENDORS:
         III. BRAND WALL DRAWERS TO THE LEFT AND RIGHT OF PRINTER (MIDDLE) CABINET TO BE 8" DEEP.
                                                                                                                                                            I. APPROVED BAS SYSTEMS (CARRIER, SCHNEIDER, DISTECH, ALLERTON).
               1. QTY (1) QUAD POWER OUTLET LOCATED FROM OUTER EDGE OF TOWER CABINET.
                                                                                                                                                            I. ALL HVAC EQUIPMENT SHOULD BE HIGH EFFICIENCY 90% FOR COMBUSTION/HEATING, MINIMUM SEER 15 FOR A/C PERFORMANCE.
                   A. MEASURE 28" IN FROM EDGE OF TOWER CABINET.
                                                                                                                                                                 1. LOW AMBIENT AIR CONTROLS FOR LOW TEMPERATURE OPERATION.
                   B. MEASURE 42" TO BOTTOM OF BOX A.F.F.
                                                                                                                                                            II. HAIL GUARDS: INSTALLED OVER EXTERIOR HVAC EQUIPMENT.
               2. INSTALL QTY (1) OPEN JUNCTION BOX WITHIN 4" QUAD POWER OUTLET AND 42" A.F.F. TO BOTTOM OF BOX FOR LOW VOLTAGE (VAT
              EQUIPMENT TUBE LV)
                                                                                                                                                                 1. EQUIPMENT TO LABEL: EACH PIECE OF HVAC EQUIPMENT AND THE ASSOCIATED COMPONENTS MUST BE LABELED: THESE INCLUDE, BUT NOT
         V. BRAND WALL TV POWER AND DATA
               1. SEE BLOCKING/ROUGH FRAMING DETAIL ON FOLLOWING PAGE.
                                                                                                                                                                       A. THERMOSTAT
              2. DUPLEX AND JB TO BE MOUNTED HORIZONTALLY PER DIMENSIONS SHOWN BASED OFF OF CEILING HEIGHT FROM FLOOR TO CEILING AT
                                                                                                                                                                       B AHU
                                                                                                                                                                       C. CONDENSER
   Q. WORK ROOM
                                                                                                                                                                       D. DISCONNECT BOX
        I. IF PRINTER IS COUNTERTOP PRINTER, HEIGHT OF COUNTERTOP WILL BE REVIEWED AND VERIFIED.
                                                                                                                                                                       E. FURNACE
              1. STANDARD COUNTERTOP HEIGHT - 34"
              2. LOWER COUNTERTOP HEIGHT PRINTER - 27 3/4"
                                                                                                                                                                      F. A/E
                                                                                                                                                                       G. ANY OTHER EQUIPMENT TIED INTO THE SPECIFIED SYSTEM.
    R. DRIVE THRU EQUIPMENT CABINET
                                                                                                                                                                  2. SEQUENCE OF LABELING: START WITH LABELING WITH THE MAIN UNIT, THEN WATERFALL FROM THERE, IF THERE ARE MULTIPLE UNITS, IDENTIFY
         I. TO BE IN THE WORK ROOM WHEN IT LARGE ENOUGH TO ACCOMMODATE.
                                                                                                                                                                  EACH UNIT WITH A DIFFERENTIATING NUMBER;
         II. 3' TALL AND AT LEAST 2'-10" WIDE.
                                                                                                                                                                       A. FURNACE - AC - THERMOSTAT - DISCONNECT 1
         III. NO SHELVING.
                                                                                                                                                                       B. FURNACE - AC - THERMOSTAT - DISCONNECT 2, ETC.
         IV. CABINET TO BE 20" ABOVE COUNTERTOP.
                                                                                                                                                             IV. CONTROLS LOCATION:
         V. INSTALL QTY (1) QUAD OUTLET, QTY (1) 4"X4" VAT WIRING JUNCTION BOX WITH 2: CONDUIT @ 78" A.F.F.
                                                                                                                                                                 1. ALL HVAC CONTROLS ARE TO BE INSTALLED IN MECHANICAL ROOM.
    S. TELLER POD LOCATION
                                                                                                                                                             V. THERMOSTATS:
         I. FEHRENBACHER TO PROVIDE TILE AND TELLER POD TEMPLATE.
                                                                                                                                                                  1. THERMOSTAT LOCATION: NEAR A LIGHT SWITCH.
         II. TEMPLATE TO BE APPLIED TO TELLER POD LOCATIONS AT START OF MEP ROUGH-IN.
                                                                                                                                                                       A. THE THERMOSTAT SHOULD BE LOCATED OVER THE LIGHT SWITCH AND THE BOTTOM OF THE THERMOSTAT SHOULD BE 5' A.F.F.
         III. TELLER PODS POWER - DATA - SECURITY - 5 CONDUITS.
                                                                                                                                                                 2. THERMOSTAT COVERS: NONE: NO COVERS ON THERMOSTAT CONTROLS.
               1. NEW BUILDS - 5 CONDUITS RAN UNDERSLAB.
                                                                                                                                                                 3. THERMOSTAT COLOR: WHITE (MATCH ELECTRICAL DEVICES/SWITCHES).
              2. REMODELS - TEMPLATE LAYOUT TO DETERMINE SAW CUTS FOR 5 CONDUITS.
                                                                                                                                                             VI. CO MONITORS:
         IV. TEMPLATE INCLUDES LOCATIONS FOR CILANDRO PENDANT FIXTURES AND SECURITY CAMERA JUNCTION BOX ABOVE CASH RECYCLER.
                                                                                                                                                                  1. FOR BUILDINGS WITH GAS, CO MONITORS TO BE ADDED TO ALL NEW CONSTRUCTION.
         V. FRAME WALL TO BACK OF TELLER POD COUNTERTOP IS 90" FROM FINISHED DRYWALL TO CASH RECYCLER OPENING.
                                                                                                                                                                 2. THE GAS LINES SHOULD CONTINUE TO BE RAN INSIDE THE BUILDING, AND THEN UP TO THE ROOF TO FEED THE ROOFTOP UNITS.
    T. RESTROOMS
                                                                                                                                                             VII. EXHAUST FANS:
         I. ALL RESTROOMS TO HAVE UPGRADED FINISHES INCLUDING NEW VANITY. VANITY CABINET TO BE USED UNLESS IT WILL INTERFERE WITH ADA
                                                                                                                                                                 1. EXHAUST FANS TO BE MANUALLY OPERATED WITH A SWITCH, WITH A LIGHT ON THE SWITCH. NO TIMERS.
         ACCESSIBILITY.
                                                                                                                                                      D. ROOM REQUIREMENTS:
               1. WALL HUNG SINK TO BE USED - BLOCKING TO BE ADDED TO WALL.
                                                                                                                                                            I. CASH ROOM:
              2. BLOCKING TO BE PLACED +25" A.F.F. TO +36" A.F.F.
                                                                                                                                                                  1. CASH ROOM IS TYPICALLY COLD; THIS ROOM NEEDS TO HAVE THE ENGINEER DESIGN THE HVAC OF THE ROOM TO MEET AN ASHRE
   U. TALL CABINETS AT EACH END OF BRAND WALL FOR DRIVE THRU EQUIPMENT
                                                                                                                                                                  STANDARD OF 62.1.
         I. 3'-0" WIDE FOR 1-2 TUBES.
                                                                                                                                                                  2. CONTROLS: AUTOMATED (BAS)
         II. 4'-0" WIDE FOR 3 TUBES.
                                                                                                                                                                 3. CBRE FM TO REVIEW AT THE 50% AND 75 % DESIGN REVIEW.
         III. CABINET EXTENDS TO CEILING.
                                                                                                                                                             II. OFFICES/CONFERENCE/GENERAL ROOMS:
   V. GREETER STAND TO BE 36" DIA. TOP AND 24" DIA. BASE. 40" TALL.
                                                                                                                                                                  1. NEED TO HAVE THE ENGINEER DESIGN THE HVAC OF THE ROOM TO MEET AND ASHRE STANDARD OF 62.1.
B. BLOCKING/ROUGH FRAMING
    A. BRAND WALL TV MOUNT
                                                                                                                                                                  2. CONTROLS: AUTOMATED (BAS)
                                                                                                                                                                  3. CBRE FM RO REVIEW AT THE 50% AND 75% DESIGN REVIEW.
         I. BLOCKING TO BE 3/4" PLYWOOD AND PLACED CENTER OF BRAND WALL HORIZONTALLY BETWEEN DRIVE THRU TOWER CABINETS AND VERTICALLY
                                                                                                                                                             III. IT ROOM:
         BETWEEN COUNTERTOP BACKSPLASH AND CEILING.
                                                                                                                                                                  1. HVAC LOW VOLTAGE/CONTROLS TO BE INDEPENDENT OF THE ONB IT RACK.
               1. BLOCKING TO MEASURE 24" TALL AND 36"-48" WIDE (DEPENDING ON FRAMING OF WALL) FOR BLOCKING.
                                                                                                                                                                 2. THE A/C UNIT THAT SERVICES THE IT ROOM: ATTACH THE REMOTE TO THE WALL WITH VELCRO, NEXT TO THE LIGHT SWITCH.
              2. DUPLEX FOR TV POWER/JUNCTION BOX FOR DATA TO BE MOUNTED HORIZONTALLY.
                                                                                                                                                      E. BAS STANDARDS
              3. REFERENCE BRAND WALL ELECTRICAL ELEVATION FOR MORE DETAIL.
                                                                                                                                                            I. THE CONTROLS SYSTEM FRONT END, AS PROVIDED IN THIS DIVISION, SHALL BE BASED ON THE NIAGARAN4 FRAMEWORK - VYKON (OR "NIAGARAN4
    B. CONFERENCE ROOM TV/BREAK ROOM TV
                                                                                                                                                            VYKON"), A JAVA-BASED FRAMEWORK DEVELOPED BY TRIDIUM.
         I. POWER/DATA BOXES ARE ELEVATED TO +84" A.F.F. - MOUNTED HORIZONTALLY
                                                                                                                                                            II. IT IS THE OWNERS EXPRESSED GOAL TO IMPLEMENT AN OPEN SYSTEM THAT WILL ALLOW PRODUCTS FROM VARIOUS SUPPLIERS TO BE INTEGRATED
         II. TO BE 3/4" PLYWOOD AND ADDED DIRECTLY UNDERNEATH POWER DATA BOXES.
                                                                                                                                                            INTO A UNIFIED SYSTEM TO PROVIDE FLEXIBILITY FOR EXPANSION, MAINTENANCE, AND SERVICE OF THE SYSTEM.
               1. BLOCKING 24" TALL AND 36-48" WIDE
                                                                                                                                                                  1. GRAPHIC STANDARDS:
              2. BLOCKING STARTS 56" A.F.F. AND ENDS 80" A.F.F.
                                                                                                                                                                       A. GRAPHICS, AT A MINIMUM SHALL BE PROVIDED AS FOLLOWS:
              3. BLOCKING TO BE COORDINATED IN FILED WITH GC AND TV SIZE DETERMINED BY ONB.
                                                                                                                                                                            I. HOME SCREEN SUMMARY OF ALARM LIST, AND CRITICAL INFORMATION.
                                                                                                                                                                            II. FLOOR PLANS FOR EACH FLOOR AND ROOF IN THE BUILDING SHOWING ALL HVAC AND MAJOR ELECTRICAL EQUIPMENT. FLOOR
         I. WALL CLEATS/BLOCKING TO BE PLYWOOD 3/4" AND ADDED TO LOWER CABINET WALL DETAILS.
                                                                                                                                                                            PLAN MAPS SHALL SHOW HEATING AND COOLING ZONES THROUGHOUT THE BUILDING IN A RANGE OF COLORS (MINIMUM 5) THAT
              1. +16" A.F.F. AND +34" A.F.F. - 6" TALL ALONG CABINET SPANS.
                                                                                                                                                                            PROVIDE A VISUAL DISPLAY OF TEMPERATURES RELATIVE TO THEIR RESPECTIVE SETPOINTS. THE COLORS SHALL BE UPDATED
         II. UPPER CLEATS/BLOCKING TO BE PLYWOOD 3/4" AND ADDED TO UPPER CABINET WALL DETAILS.
              1. +52" A.F.F., +70" A.F.F. AND +88" A.F.F. - 6" TALL ALONG CABINET SPAN.
                                                                                                                                                                            DYNAMICALLY AS ZONES' COMFORT CONDITIONS CHANGE. LOCATIONS OF SPACE
   D. LOCKERS
                                                                                                                                                                            BE SHOWN FOR EACH ZONE.
                                                                                                                                                                            III. FLOOR PLAN HUMIDITY'S SHALL BE REPRESENTED SIMILARLY TO ZONE TEMPERATURES. SETPOINT ADJUSTMENT AND COLOR BAND
         I. WALL CLEATS/BLOCKING TO BE PLYWOOD 3/4" AND ADDED TO LOCKERS AT FOLLOWING DETAILS:
                                                                                                                                                                            DISPLAYS SHALL BE PROVIDED AS A TOOL FOR USER ADJUSTMENT.
             1. +16" A.F.F. + 36" A.F.F. AND +68" A.F.F. - 6" TALL ALONG LOCKER SPAN.
   E. BATHROOM ACCESSORIES/MOUNTS
                                                                                                                                                                            IV. AIR FLOW DIAGRAM FOR EACH FAN SYSTEM.
                                                                                                                                                                            V. WATER FLOW DIAGRAMS FOR EACH CHILLED WATER AND CONDENSER WATER SYSTEM.
         I. PROVIDE WALL CLEATS/BLOCKING 3/4" PLYWOOD AT ALL TOILET PAPER HOLDS, RAILS AND WALL MOUNTED ACCESSORIES PER PLAN IN THE
                                                                                                                                                                            VI. LOGICAL AND INTUITIVE PLACEMENT OF SYSTEM VALUES IN GRAPHIC.
T REQUIREMENTS
   A. DEMARCATION
```

I. EXTENSIONS

1. COPPER=CAT 6 CABLE

B. 6X8 IT ROOM (SEE 6X8 LAYOUT CONFIGURATION)

I. PHONE AT&T REQUIREMENTS

2. FIBER=OM3 AQUA LC TERMINATION CONNECTOR.

2. 4'X8' FIRE RETARDANT PLYWOOD FOR PHONE EQUIPMENT.

1. 4" PVC CONDUITS (2) FOR PHONE WIRE UNDERGROUND INTO IT ROOM.

II. (2) 4" CONDUITS TO BE INSTALLED FROM EASEMENT INTO IT ROOM FOR (4) FIBER AND COPPER LINES FOR DATA.

PLYMOUTH, MN 55441

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ISSUE DATE DESCRIPTION

nereby certify that this plan, specification, or report was prepared

y me or under my direct supervision and that I am a duly Licensed

rchitect under the laws of the state of Minnesota.

Registration No: 18079

10.22.2021 100% SET REVIEW

PROJECT INFORMATION
PROJECT NO: ON

PROJECT NO: ONB.32396

DATE: 057,18/2021

SCALE: AS NOTED

DRAWN BY: D.WALTEROANKE

CHECKED BY: V.ALVAREZ

SHEET TITLE

SPECIFICATIONS

SHEET NUMBER

4-611

### STRUCTURAL SPECIAL INSPECTIONS

#### GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR AND SHALL VERIFY AND COORDINATE ALL DIMENSIONS AND DETAILS BEFORE PROCEEDING WITH WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE
- IMMEDIATE ATTENTION OF THE ARCHITECT AND ENGINEERS.

  2. DETAILS SHOWN IN ANY SECTION APPLY TO ALL SIMILAR SECTIONS AND CONDITIONS UNLESS NOTED OTHERWISE
- 3. CONTRACTOR SHALL FULLY BRACE AND OTHERWISE PROTECT ALL WORK IN PROGRESS UNTIL THE
- BUILDING IS COMPLETED.

  4. THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS AND THE ARCHITECTURAL AND MECHANICAL DRAWINGS. IF THERE IS A DISCREPANCY BETWEEN DRAWINGS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ARCHITECT PRIOR TO PERFORMING WORK. IN CASE OF CONFLICT THE MOST STRINGENT CONDITION SHALL APPLY.
- ALL DIMENSIONS MUST BE COORDINATED WITH ARCHITECTURAL DRAWINGS AND WITH EQUIPMENT MANUFACTURER (I.E. WINDOW, DOOR, AIR HANDLER, ETC.). CONTRACTOR MUST OBTAIN AN ARCHITECTURAL DIRECTIVE IN CASE OF ANY CONFLICT. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN IN STRUCTURAL DRAWINGS.

### 6. DO NOT SCALE OFF DRAWINGS.

### GOVERNING BUILDING CODE: 2020 MINNESOTA BUILDING CODE (IBC 2018)

2.	MINIMUM FIRST FLOOR LIVE LOADS: A. UNIFORM LIVE LOAD B. CONCENTRATED LIVE LOAD C. IMPACT LOAD D. LIVE LOAD REDUCTION	= 100 PSF = 2000 LB = N/A = N/A
3.	ROOF DEAD LOAD	= 25 PSF
4.	MINIMUM ROOF LIVE LOAD	= 20 PSF
5.	ROOF SNOW DATA: A. SNOW IMPORTANCE FACTOR, Is B. GROUND SNOW LOAD, Pg C. FLAT ROOF SNOW LOAD, Pf D. SNOW EXPOSURE FACTOR, Ce E. THERMAL FACTOR, Ct F. DRIFT LOAD DATA INDICATED ON ROOF FRAMING PLAN	= 1.00 = 50 PSF = 35 PSF = 1.0 = 1.0
6.	WIND DESIGN DATA:  A. WIND IMPORTANCE FACTOR, IW  B. ULTIMATE DESIGN WIND SPEED (3 SECOND GUST) WIND EXPOSURE CATEGORY  C. INTERNAL PRESSURE COEFFICIENTS  D. WIND DESIGN PRESSURES PER ASCE 7-10	= 1.0 = 110 MPH = B = ±0.18

7. SEISMIC DESIGN DATA:
 A. SEISMIC IMPORTANCE FACTOR, le
 B. MAPPED SPECTRAL RESPONSE COEFFICIENTS

Ss = 0.049
S1 = 0.028

SITE CLASS = D (ASSUMED)

DESIGN SPECTRAL RESPONSE COEFFICIENTS
SDS = 0.052
SD1 = 0.045

FOUNDATION DESIGN DATAA. ALLOWABLE BEARING PRESSUREB. MINIMUM FROST DEPTH

SEISMIC DESIGN CATEGORY

10. SPECIAL LOADS:

### FOUNDATIONS AND SLAB-ON-GRAD

FLOOD DESIGN DATA:

FOUNDATIONS HAVE BEEN DESIGNED PER THE IBC ALLOWABLE MINIMUM SOIL BEARING PRESSURE OF 1500 PSF. AN ON-SITE GEOTECHNICAL ENGINEER TO EVALUATE THE SOILS IN FIELD TO VERIFY ALLOWABLE BEARING PRESSURE AND PROVIDE ANY SOIL REMEDIATION RECOMMENDATIONS.
ALL SUBGRADE SHALL BE PREPARED IN STRICT CONFORMANCE TO THE GEOTECHNICAL ENGINEER'S

= 1.00

= 1500 PSF (ASSUMED)

- RECOMMENDATIONS IN FIELD.

  3. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OR ENGINEER OF RECORD IMMEDIATELY IN THE EVENT
- THAT THE SOIL CONDITIONS ENCOUNTERED VARY FROM THOSE SHOWN ON THE BORING LOGS.

  4. ALL EXTERIOR FOOTINGS SHALL EXTEND BELOW THE MAXIMUM ANTICIPATED DEPTH OF FROST.

  5. ANY FILL REQUIRED BELOW SLABS-ON-GRADE OR FOOTINGS SHALL BE COMPACTED AS REQUIRED BY THE
- GEOTECHNICAL REPORT.
  6. ALL FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUSTAINING AN ALLOWABLE BEARING PRESSURE AS NOTED
- ABOVE FOR FOOTINGS UNDER FULL SERVICE DEAD AND LIVE LOADS.

  7. ALL BEARING MATERIAL SHALL BE INSPECTED BY THE INDEPENDENT TESTING AGENCY PRIOR TO CONCRETE PLACEMENT. THE INDEPENDENT TESTING AGENCY SHALL BE THE SOLE JUDGE AS TO THE SUITABILITY OF
- THE BEARING MATERIAL. FOOTING ELEVATIONS SHALL BE ADJUSTED AS REQUIRED.

  8. THE TOP OF EXTERIOR FOOTING ELEVATION SHALL BE SET A MINIMUM OF 8" BELOW LOWEST FINAL ADJACENT EXTERIOR GRADE AND A MINIMUM OF 8" BELOW FINISH FLOOR. THE BOTTOM OF EXTERIOR FOOTINGS SHALL BEAR AT MINIMUM BEARING DEPTH BELOW LOWEST FINAL AD LACENT EXTERIOR CRADE.
- BEAR AT MINIMUM BEARING DEPTH BELOW LOWEST FINAL ADJACENT EXTERIOR GRADE.

  9. FINAL ADJACENT GRADE IS DEFINED AS THE LOWEST ADJACENT GRADE WITHIN 5 FEET OF THE FOUNDATION FOR PERIMETER (OR EXTERIOR) FOOTINGS AND FINISHED FLOOR LEVEL FOR INTERIOR FOOTINGS.
- 10. VERIFY THE USE AND EXTENT OF PERIMETER INSULATION WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE INSTALLATION OF FOUNDATIONS. INSTALL PERIMETER INSULATION AS REQUIRED.
   11. STANDARD PROCEDURES OF FROST PROTECTION FOR FOUNDATIONS AND EXCAVATIONS SHALL BE
- 11. STANDARD PROCEDURES OF FROST PROTECTION FOR FOUNDATIONS AND EXCAVATIONS SHALL BE EMPLOYED FOR WINTER CONSTRUCTION. BACK FILLING OF EXCAVATIONS SHALL BE DONE AS SOON AS
- POSSIBLE TO PROTECT FOUNDATIONS FROM FROST.

  12. HORIZONTAL BARS IN FOOTINGS AND CONCRETE WALLS SHALL BE CONTINUOUS. PROVIDE CORNER BARS AT
- ALL CORNERS AND INTERSECTIONS, UNO.

  13. FOUNDATION PENETRATIONS SHALL BE SUBJECT TO APPROVAL BY THE ARCHITECT/ENGINEER.

### CONCRETE AND REINFORCING STEEL

- ALL CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF
   AMERICAN CONCRETE INSTITUTE BUILDING CODE (ACI 318) AND WITH SPECIFICATIONS FOR STRUCTURAL
   CONCRETE FOR BUILDINGS (ACI 301).
- 2. ALL CONCRETE SHALL BE NORMAL-WEIGHT (DENSITY=145 PCF) AND SHALL HAVE A 28-DAY

PENETRATIONS SHALL BE FOUNDATION STEM WALL OR 6" CLEAR BELOW FOOTING.

- COMPRESSIVE STRENGTH AS NOTED IN THE TABLE BELOW.

  THE SLUMP OF ALL CONCRETE SHALL BE 4" ±1".
- . THE SLUMP OF ALL CONCRETE SHALL BE 4" ±1".
  . ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED PER ACI-318, LATEST EDITION, BASED ON
- FREEZE-THAW EXPOSURE SEVERITY AND AGGREGATE SIZE.
- MAXIMUM NOMINAL COURSE AGGREGATE SIZE SHALL BE 3/4" TYPICAL UNLESS NOTED OTHERWISE.
   THE MINIMUM PORTLAND CEMENT CONTENT (ASTM C150 TYPE I/II) OF ALL CONCRETE SHALL CONFORM
- THE MINIMUM PORTLAND CEMENT CONTENT (ASTM )
  TO THE FOLLOWING TABLE:

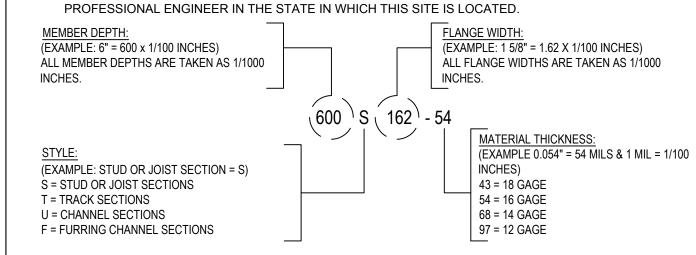
Г				
	LOCATION	SPECIFIED COMPRESSIVE STRENGTH (PSI)	W/CM RATIO	AIR-ENTRAINED CONCRETE (%)
	SLAB-ON-GRADE	4000	0.45 - 0.55	2 ±1

- 7. ALL REINFORCED CONCRETE WORK SHALL BE PER "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" ACI 318, LATEST EDITION.
- THE CONTRACTOR SHALL SUBMIT CONCRETE MIX DESIGNS FOR REVIEW A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF ANY CONCRETE. THE CONCRETE MIX DESIGNS SHALL INCLUDE ALL STRENGTH DATA NECESSARY TO SHOW COMPLIANCE WITH THE PROJECT SPECIFICATIONS. CONCRETE REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED
- OTHERWISE.

  0. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
   CONCRETE REINFORCING STEEL TO BE WELDED SHALL CONFORM TO ASTM A706.
- 2. HOOK ENDS OF BARS INTERRUPTED BY OPENINGS. HOOK TOP BARS AT ALL EDGES. AT ALL WALL AND SLAB OPENINGS, PROVIDE 2 #5BARS x OPENING WIDTH PLUS 4 FEET(EACH SIDE) EACH FACE UNLESS SHOWN OTHERWISE.
- 13. ALL REINFORCING SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE LATEST EDITION OF THE AMERICAN CONCRETE INSTITUTE DETAILING MANUAL.
- 14. ALL REINFORCING SHALL BE SUPPORTED IN FORMS, SPACED WITH NECESSARY ACCESSORIES AND SHALL BE SECURELY WIRED TOGETHER, IN ACCORDANCE WITH THE LATEST EDITION OF THE CRSI "MANUAL OF STANDARD PRACTICE".
- 15. THE GENERAL CONTRACTOR SHALL CHECK WITH ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND THE SUB-CONTRACTORS FOR OPENINGS, SLEEVES, ANCHORS, HANGERS, INSERTS, SLAB DEPRESSIONS AND OTHER ITEMS RELATED TO THE CONCRETE WORK AND SHALL ASSUME RESPONSIBILITY FOR THEIR PROPER LOCATION.

### LIGHT GAGE METAL FRAMING

- 1. ALL STRUCTURAL MEMBERS SHALL BE DESIGNED IN ACCORDANCE WITH AISI-NAS, "SPECIFICATION FOR THE DESIGN OF COLD FORMED STRUCTURAL MEMBERS", LATEST EDITION. PROVIDE SIGNED AND SEALED CALCULATIONS AND DRAWINGS FOR ALL LIGHT GAGE STRUCTURAL ELEMENTS OF THE BUILDING, INCLUDING THE EXTERIOR METAL STUDS (CURTAIN WALL), AND ALL EXTERIOR CEILINGS.
- 2. ALL STRUCTURAL STUDS AND JOISTS 22, 20, AND 18 GAUGES SHALL BE FORMED FROM GALVANIZED STEEL PER ASTM A653, G60 COATING MEETING THE REQUIREMENTS OF ASTM C955 WITH A YIELD STRENGTH OF 33,000 PSI.
- 3. ALL STRUCTURAL STUDS AND JOISTS 16, 14, AND 12 GAUGES SHALL BE FORMED FROM GALVANIZED STEEL PER ASTM A653, G60 COATING MEETING ASTM C955, WITH YIELD STRENGTH OF 50,000 PSI.
- 4. ALL STRUCTURAL TRACK AND BRIDGING SHALL BE FORMED FROM GALVANIZED STEEL PER ASTM A653, G60 COATING MEETING THE REQUIREMENTS OF ASTM C595, WITH YIELD STRENGTH OF 33,000 PSI
- 5. WITH EACH TYPE OF METAL FRAMING REQUIRED, PROVIDE MANUFACTURER'S STANDARD STEEL RUNNERS (TRACKS), BLOCKING, LINTELS, CLIP ANGELS, SHOES, REINFORCEMENTS, FASTENERS, AND ACCESSORIES AS RECOMMENDED BY MANUFACTURER FOR APPLICATIONS INDICATED, AS NEEDED TO PROVIDE A COMPLETE METAL FRAMING SYSTEM.
- 6. PROVIDE GALVANIZED FINISH TO METAL FRAMING COMPONENTS COMPLYING WITH ASTM A653 FOR MINIMUM G60 COATING. ATTACH SIMILAR COMPONENTS BY WELDING. ATTACH DISSIMILAR COMPONENTS BY WELDING, BOLTING OR SCREW FASTENERS, AS STANDARD WITH MANUFACTURER. ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED AND EXPERIENCED IN LIGHT GAGE STRUCTURAL STEEL FRAMING WORK.
- 7. INSTALL METAL FRAMING SYSTEMS IN ACCORDANCE WITH MANUFACTURER'S PRINTED OR WRITTEN INSTRUCTIONS AND RECOMMENDATIONS, UNLESS OTHERWISE INDICATED.
- 8. INSTALL CONTINUOUS TRACKS SIZED TO MATCH STUDS.
- 9. WHERE STUD SYSTEM ABUTS STRUCTURAL COLUMN OR WALLS, ANCHOR ENDS OF STIFFENERS TO SUPPORTING STRUCTURE.
- 10. SECURE STUDS TO TOP AND BOTTOM RUNNER TRACKS BY EITHER WELDING OR SCREW FASTENERS AT BOTH INSIDE AND OUTSIDE FLANGES.
- 11. LIGHT GAGE METAL SHOP DRAWINGS AND CALCULATIONS MUST BE SIGNED BY A REGISTERED



# LIGHT GAGE METAL FRAMING PRODUCT IDENTIFICATION

ACCORDING TO STEEL STUD MANUFACTURERS ASSOCIATION FOUR PART IDENTIFICATION CODE SYSTEM

### SHOP DRAWING SUBMITTALS

- THE DEFERRED SUBMITTAL ITEMS SHALL BE SUBMITTED TO THE ARCHITECT OR ENGINEER OF RECORD WHO SHALL REVIEW AND APPROVE THEM, AND FORWARD THEM TO THE BUILDING OFFICIAL WITH A NOTATION INDICATING THAT THE DEFERRED SUBMITTAL DOCUMENTS HAVE BEEN REVIEWED AND APPROVED AND THAT THEY HAVE BEEN FOUND TO BE IN GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING. THE DEFERRED SUBMITTAL ITEMS SHALL NOT BE INSTALLED UNTIL THEIR DESIGN AND SUBMITTAL DOCUMENTS HAVE BEEN APPROVED BY THE BUILDING OFFICIAL. PROVIDE AMPLE TIME FOR THE BUILDING OFFICIAL TO REVIEW THE DOCUMENTS.
- 2. REFER TO PROJECT SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS.
- 3. SHOP DRAWINGS AND SUBMITTALS WILL BE REVIEWED FOR THE LIMITED PURPOSE OF CHECKING FOR CONFORMANCE WITH INFORMATION GIVEN AND THE DESIGN CONCEPT EXPRESSED IN THE CONTRACT DOCUMENTS.
- 4. SUBMITTAL REVIEW WILL NOT BE CONDUCTED FOR THE PURPOSE OF DETERMINING THE ACCURACY AND COMPLETENESS OF OTHER DETAILED INFORMATION SUCH AS DIMENSIONS AND QUANTITIES, OR FOR SUBSTANTIATING INSTRUCTIONS FOR INSTALLATION OR PERFORMANCE OF EQUIPMENT OR SYSTEMS DESIGNED BY THE CONTRACTOR. ALL OF THIS REMAINS THE RESPONSIBILITY OF THE CONTRACTOR.
- 5. REVIEW SHALL NOT CONSTITUTE APPROVAL OF SAFETY PRECAUTIONS OR OF ANY CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES.
- 6. APPROVAL OF A SPECIFIC ITEM SHALL NOT INDICATE APPROVAL OF AN ASSEMBLY OF WHICH THE ITEM IS A COMPONENT.
- 7. SHOP DRAWINGS AND/OR PRODUCT DATA FOR THE FOLLOWING ITEMS ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL:

### A. CONCRETE MIXES

- 8. SHOP DRAWINGS ARE TO BE DISTRIBUTED ONLY FROM RETURNED SUBMITTALS BEARING AN INITIALED REVIEW STAMP AND WORK ON THESE ITEMS SHALL NOT PROCEED UNLESS THE STAMP CLEARLY INDICATES THE DRAWINGS ARE "APPROVED" OR "APPROVED AS NOTED."
- 9. SHOP DRAWINGS AND/OR PRODUCT DATA FOR THE FOLLOWING ITEMS ARE TO BE SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW. THE ENGINEER'S REVIEW WILL BE LIMITED TO CONFORMANCE WITH DESIGN AND PERFORMANCE CRITERIA SPECIFIED IN THE CONSTRUCTION DOCUMENTS AND THE INTERFACE BETWEEN THESE ITEMS/SYSTEMS AND THE BUILDING STRUCTURE. THIS REVIEW WILL CHECK THE COMPATIBILITY OF LOADS AND POSITIONS OF LOADS IMPARTED ONTO THE BUILDING STRUCTURE, AND COMPATIBILITY OF CONNECTIONS WITH THE BUILDING STRUCTURE. THE MANUFACTURER/SUPPLIER AND IT'S SPECIALTY STRUCTURAL ENGINEER RESPONSIBLE FOR THE DESIGN OF THE ITEM/SYSTEM WILL RETAIN ALL RIGHTS AND RESPONSIBILITIES FOR THE DESIGN OF THE PRODUCT AND THE CONNECTIONS TO THE BUILDING STRUCTURE.
- A. CONCRETE MIXES
- 10. NO WORK ON STRUCTURAL ELEMENTS SUPPORTING OR RELATED TO THESE ITEMS IS TO PROCEED UNLESS THE REVIEW STAMP CLEARLY INDICATES "REVIEWED" OR "REVIEWED, SEE COMMENTS" BY THE STRUCTURAL ENGINEER.
- 11. CONCRETE IS A PRE-ENGINEERED MATERIAL DESIGNED BY THE SUPPLIER TO MEET THE STRENGTH AND PERFORMANCE CRITERIA SPECIFIED IN THE CONTRACT DOCUMENTS. CONCRETE MIX DESIGNS SHALL BE IN CONFORMANCE WITH ACI 318, CHAPTER 5, AND SHALL BE SUBMITTED TO THE INDEPENDENT TESTING LAB WITH APPROPRIATE HISTORICAL TEST DATA AND ANALYSIS FOR REVIEW AND APPROVAL. SUBMIT MIX DESIGNS AND THE TESTING LAB REVIEW TO THE ARCHITECT/ENGINEER FOR REVIEW.
- 12. MANY VARIABLES, INCLUDING MIX COMPONENTS AND ENVIRONMENTAL CONDITIONS AFFECT THE QUALITY OF CONCRETE. THE CONTRACTOR IS RESPONSIBLE FOR CONTROLLING VARIABLES AND REQUESTING MIX MODIFICATIONS AND SHALL BE SOLELY RESPONSIBLE FOR THE QUALITY OF CONCRETE DELIVERED AND PLACED ON THE SITE.
- 13. GENERAL CONTRACTOR SHALL PRE-CHECK ALL SHOP DRAWINGS BEFORE SUBMISSION TO THE ENGINEER FOR REVIEW. ALL SUBMITTAL MATERIALS MUST BEAR AN INITIALED REVIEW STAMP OF THE GENERAL CONTRACTOR. SUBMITTALS WITHOUT THE REVIEW STAMP OF THE GENERAL CONTRACTOR WILL BE RETURNED WITHOUT REVIEW AND SHALL NOT BE CAUSE FOR CLAIMS OF DELAY.
- 14. GENERAL CONTRACTOR SHALL SCHEDULE SUBMITTALS SUFFICIENTLY IN ADVANCE OF THE DATE REQUIRED TO ALLOW REASONABLE TIME FOR DELIVERY, PROCESSING AND REVIEW BY THE DESIGN TEAM. THIS SHALL INCLUDE A MINIMUM OF TEN WORKING DAYS, EXCLUDING DELIVERY TIME, FOR ENGINEER'S PROCESSING AND REVIEW OF SHOP DRAWINGS. INCLUDE TIME FOR CONTRACTOR'S RESUBMISSION AND SUBSEQUENT REVIEW IF NECESSARY.
- 15. SHORTER REVIEW PERIODS WILL ONLY BE HONORED WITH PRIOR WRITTEN CONSENT FROM THE ENGINEER. THESE ACCELERATED SERVICES, AND APPROPRIATE COMPENSATION, MUST BE NEGOTIATED WITH THE ENGINEER AND ARCHITECT IN ADVANCE.
- 16. THE USE OF REPRODUCTIONS OF THESE CONTRACT DRAWINGS, INCLUDING THE USE OF ELECTRONIC FILES, BY ANY CONTRACTOR, SUBCONTRACTOR, ERECTOR, FABRICATOR, OR MATERIAL SUPPLIER IN LIEU OF THE INDEPENDENT PREPARATION OF SHOP DRAWINGS, SIGNIFIES HIS ACCEPTANCE OF ALL INFORMATION SHOWN HEREON AS CORRECT AND OBLIGATES HIMSELF TO ANY JOB EXPENSE, REAL OR IMPLIED, ARISING DUE TO ANY ERRORS THAT MAY OCCUR HEREON. SUCH USE OF REPRODUCTIONS OF THESE CONTRACT DOCUMENTS WILL NOT BE ALLOWED WITHOUT PRIOR CONSENT FROM THE ENGINEER.
- 17. WHEN USING ELECTRONIC FORMAT FOR SUBMITTALS, THE CONTRACTOR SHALL PROVIDE ONE PRINTED HARD COPY FOR ENGINEER REVIEW OR EXECUTE AN AGREEMENT FOR REIMBURSING THE ENGINEER FOR PRINTING COSTS FOR ONE COPY.

### SCHEDULE OF STRUCTURAL SPECIAL INSPECTIONS

- 1. SPECIAL INSPECTIONS / TESTING "SPECIAL STRUCTURAL INSPECTION" SHALL NOT RELIEVE THE OWNER OR THEIR AGENT FROM REQUESTING THE JURISDICTION BUILDING DEPARTMENT INSPECTIONS REQUIRED BY SECTION 109 OF THE IBC.
- 2. REPORTING FOR SPECIAL INSPECTION SPECIAL INSPECTION AND TESTING REPORTS SHALL BE COMPLETED AND DISTRIBUTED AT THE COMPLETION OF EACH TASK. IF A TASK IS TO TAKE LONGER THAN (3) DAYS, PROVIDE REPORTS FOR EACH DAY. PROVIDE COPIES OF REPORTS TO: CONTRACTOR, OWNER, ARCHITECT AND STRUCTURAL ENGINEER OF RECORD. SPECIAL INSPECTOR TO KEEP A NON-COMPLIANCE LIST DOCUMENTING ITEMS INSPECTED NOT MEETING APPROVED CONSTRUCTION DOCUMENTS AND WHEN / HOW RESOLVED.
- 3. SEE ARCHITECTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING CONSTRUCTION DOCUMENTS FOR ADDITIONAL NON-STRUCTURAL SPECIAL INSPECTION ITEMS.
- 4. IN ACCORDANCE WITH IBC CHAPTER 17, THE FOLLOWING TYPES OF WORK REQUIRE SPECIAL INSPECTIONS AND TESTING:

### A. SOILS - SECTION 1704.7 PER TABLE 1704.7

	SPECIAL INSPECTION AND VERIFICATION OF SOILS			
SPECIAL INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION TASK  DURING TASK DURING LISTED  LISTED			IBC REFERENCE
Υ	VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.		х	1704.7
Υ	VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.		Х	1704.7
Υ	3. PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS.		Х	1704.7
Υ	4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL.	X		1704.7
Υ	5. PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.		x	1704.7

### B. CONCRETE CONSTRUCTION - SECTION 1704.4 PER TABLE 1704.4

B.	CONCRETE CONSTRUCTION - S	ECTION 1704	4.4 PER TABL	.E 1704.4	
	SPECIAL INSPECTION AND VER	IFICATION OF	CONCRETE C	CONSTRUCTIO	N
SPECIAL		FREQUENCY (	OF INSPECTION	REFERE	NCE FOR CRITERIA
INSPECTION REQUIRED Y/N	VERIFICATION AND INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED	IBC SECTION	REFERENCED STANDARD
Y	INSPECTION OF REINFORCING STEEL, INCLUDING PRE-STRESSING TENDONS AND VERIFY PLACEMENT.		Х	1913.4	ACI 318: 3.5, 7.1-7.7
Y	2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1704.3, ITEM 5b.				AWS D1.4 ACI318:3.5.2
N	3. INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED.	х		1911.5, 1912.1	ACI 318: 8.1.3, 21.2.8
Υ	4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS		Х	1912.1	ACI 318: 3.8.6, 8.1.3, 21.2.8
Y	5. VERIFYING USE OF REQUIRED DESIGN MIX.		Х	1904.2.2, 1913.2, 1913.3	ACI 318: CH. 4, 5.2 - 5.4
Y	6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS AND DETERMINE THE TEMPERATURE	х		1913.10	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8
Υ	7. INSPECTION OF CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	х		1913.6, 1913.7, 1913.8	ACI 318: 5.9, 5.10
Υ	8. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.		х	1913.9	ACI 318: 5.11-5.13
N	9. INSPECTION OF PRESTRESSED CONCRETE:				
-	a. APPLICATION OF PRESTRESSING FORCES.	Х			ACI 318: 18.20
-	b. GROUTING OF BONDED PRESTRESSING TENDONS	Х			ACI 318: 18.18.4
N	10. ERECTION OF PRECAST (TILT UP PANELS) CONCRETE MEMBERS.		Х		ACI 318: CH. 16
N	11. VERIFICATION OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORING AND FORMS FROM BEAMS AND STRUCTURAL SLABS.		Х		ACI 318: 6.2
Υ	12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X		ACI 318: 6.1.1

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ISSUE DATE DESCRIPTION

0 10/4/2021 PERMIT SET

PROJECT INFORMATION

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: E.SCALGIONE

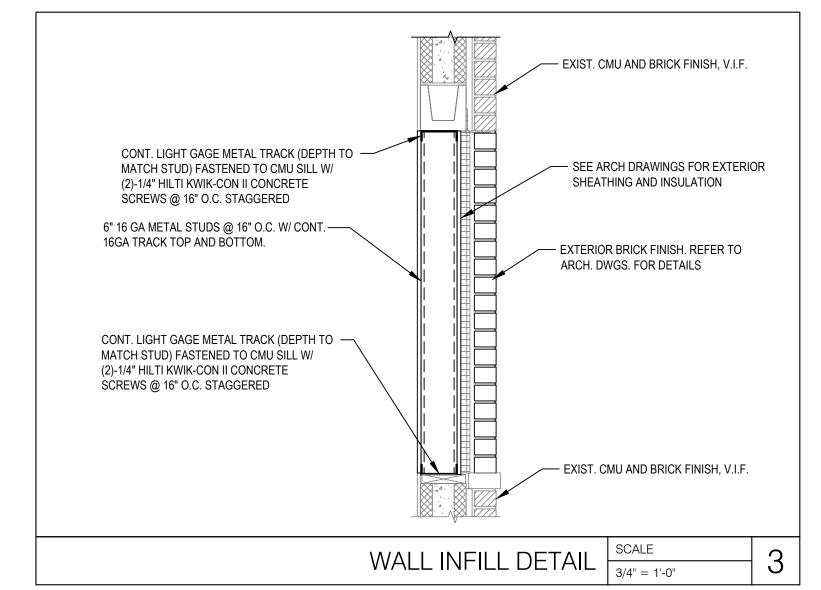
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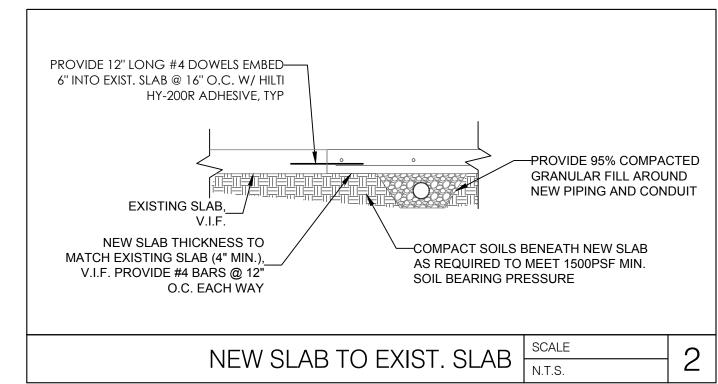
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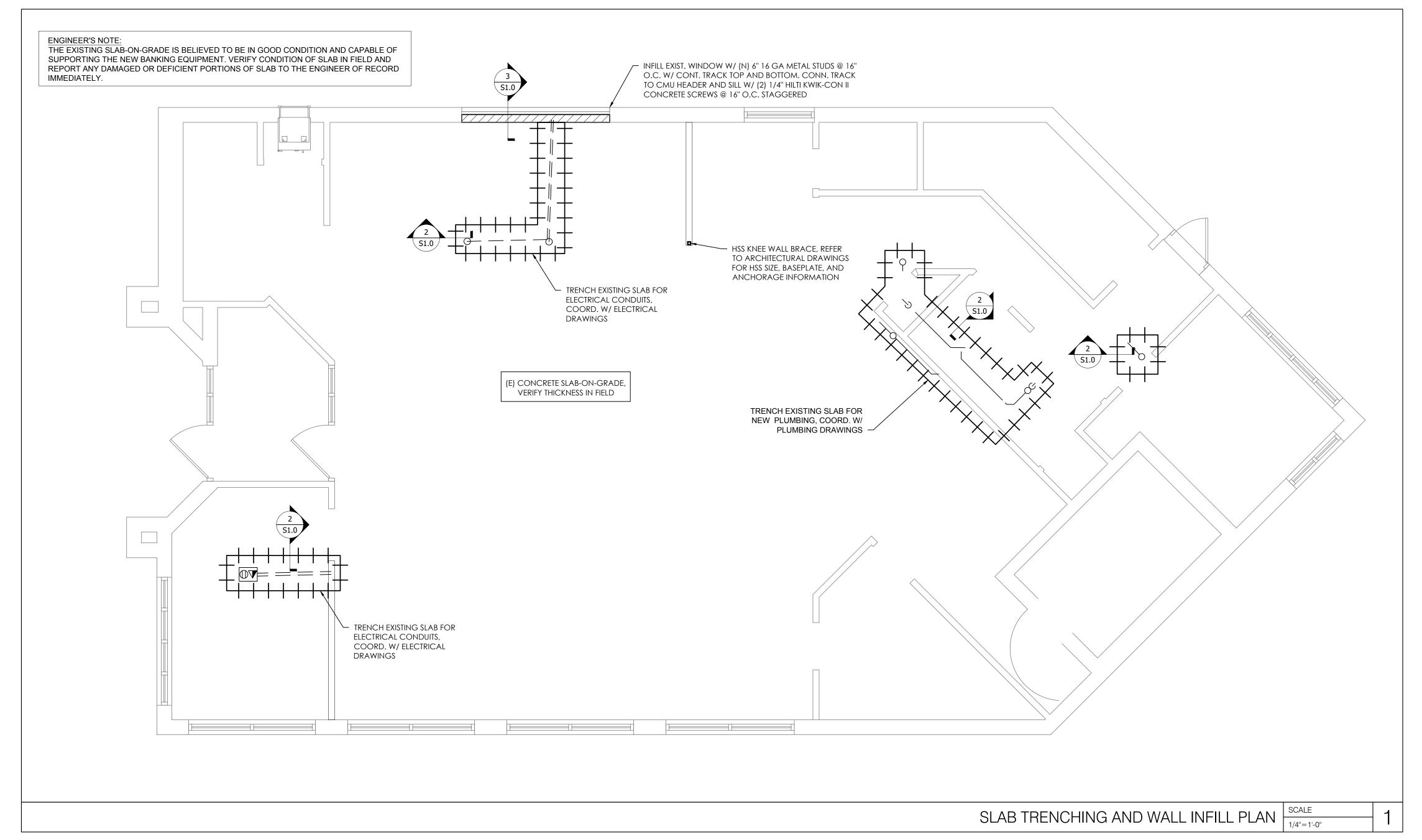
STRUCTURAL
GENERAL NOTES

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ISSUE	DATE	DESCRIPTION
0	10/4/2021	PERMIT SET

PROJECT INFORMATION			
PROJECT NO:	ONB.3239		
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SCALE:	AS NOTE		
DRAWN BY:	E.SCALGION		
CHECKED BY:	D.BALM		

SHEET TITLE

SLAB TRENCHING AND WALL INFILL PLAN

SHEET NUMBER

S-100

### MECHANICAL GENERAL NOTES:

- HVAC WORK CONSISTS OF PROVIDING AIR CONDITIONING SYSTEMS FOR A COMPLETE OPERATING SYSTEM AS INDICATED ON THE DRAWINGS. ALL WORK SHALL COMPLY WITH 2020 MINNESOTA MECHANICAL CODE AND ALL OTHER APPLICABLE CODES IN SPECIFICATIONS. IT IS THE INTENTION OF THE CONTRACT DRAWINGS AND SPECIFICATION TO CALL FOR COMPLETE, FINISHED WORK, TESTED, AND READY FOR OPERATION.
- AN AIR BALANCE SHALL BE PERFORMED BY AN APPROVED INDEPENDENT THIRD PARTY AIR BALANCE CONTRACTOR IN ACCORDANCE WITH THE LATEST EDITION OF STANDARDS PUBLISHED BY THE ASSOCIATED AIR BALANCE COUNCIL (AABC) THE NATIONAL ENVIRONMENTAL BALANCING BUREAU (NEBB), OR THE TESTING, ADJUSTING, AND BALANCING BUREAU (TABB). BALANCE EACH SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR DEVICE WITHIN 5% OF REQUIREMENTS AND FURNISH A REPORT TO THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD AS AN OFFICIAL SUBMITTAL DURING THE CONSTRUCTION ADMINISTRATIVE PHASE. THE ENTIRE HVAC SYSTEM MUST BE FULLY OPERABLE, BALANCED, AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- $\mid$  all duct sizes shown are free area sizes and do not account for insulation. Insulate all ductwork, excep EXHAUST DUCTWORK, WITH 2" FIBERGLASS DUCT WRAP INSTALLED TO A MINIMUM R VALUE OF 6. PROVIDE WITH VAPOR BARRIER AND TAPE ALL JOINTS. PROVIDE 1" THICK DUCT LINER WHERE INDICATED ON PLANS.
- PROVIDE SPIN-IN FITTINGS AT ALL FLEXIBLE DUCT RUN OUTS TO DIFFUSERS (NO EXTRACTOR) AND DAMPER.
- MAXIMUM LENGTH OF FLEX DUCT IS LIMITED TO 5'-0".
- ALL PIPING SUBJECT TO THERMAL EXPANSION AND/OR CONTRACTION THAT PENETRATES A SMOKE, FIRE, OR FIRE/SMOKE WALL, PARTITION, OR FLOOR SLAB SHALL BE SUITABLY SLEEVED AND FIRE-SAFED.
- METAL DUCTS WHICH PENETRATE 1 HOUR RATED FIRE WALLS AND ARE LESS THAN 100 SQUARE INCHES SHALL EXTEND A MINIMUM OF 5 FEET ON BOTH SIDES OF THE WALL WITHOUT AN OPENING (TO PRECLUDE THE REQUIREMENT OF A FIRE DAMPER). DUCTWORK SHALL IN NO CASE BE LIGHTER THAN 24 GAUGE STEEL
- PROVIDE IDENTIFICATION OF THE LOCATION OF ALL FIRE AND BALANCING DAMPERS. IDENTIFICATION TAGS SHALL BE AFFIXED TO THE WALLS OR CEILINGS AND SHALL BE VISIBLE FROM THE OCCUPIED SPACE.
- PROVIDE ORANGE TAGS ON ALL VOLUME AND BALANCING DAMPERS ABOVE THE CEILING. TAGS AND DAMPER HANDLES SHALL BE VISIBLE AND ACCESSIBLE FOR THE TEST & BALANCE AGENCY.
- ALL PIPING SHALL BE SUPPORTED WITH COMMERCIAL MANUFACTURED CLAMPS, PROVIDE ISOLATION SLEEVES TO PREVEN CONTACT OF DISSIMILAR METALS.
- INSTALL ALL EQUIPMENT IN STRICT ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS.
- 12. CONTRACTOR TO PROVIDE ALL SUPPLEMENTARY STEEL REQUIRED TO SUSPEND MECHANICAL EQUIPMENT AND MATERIALS.
- ALL INSULATION SHALL BE FIRE RATED IN ACCORDANCE WITH NFPA 90A 50/25 SMOKE DEVELOPMENT AND FLAME SPREAD
- REQUIREMENTS. INSULATION "R" VALUES SHALL COMPLY WITH APPLICABLE ENERGY CODE. MOUNT CENTER OF THERMOSTATS AT 44" ABOVE THE FINISHED FLOOR UNLESS OTHERWISE NOTED. MOUNT REMOTE TEMPERATURE SENSORS AT 60" ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED. COORDINATE WITH ADJACENT
- EQUIPMENT. 15. INSTALL DUCT MOUNTED SMOKE DETECTORS (FURNISHED BY DIVISION 26) IN SUPPLY AND/OR RETURN AIR DUCTWORK WHERE REQUIRED AND IN ACCORDANCE WITH APPLICABLE CODE. WIRE DUCT MOUNTED SMOKE DETECTORS SUCH THAT ACTIVATION WILL DE-ENERGIZE AIR HANDLING UNIT FAN. LOCATE DUCT MOUNTED SMOKE DETECTORS THE REQUIRED
- DISTANCE DOWNSTREAM FROM BENDS OR INLETS AS RECOMMENDED BY THE MANUFACTURER. SEE ELECTRICAL DRAWINGS FOR ELECTRICAL CHARACTERISTICS OF MECHANICAL EQUIPMENT.
- UNLESS OTHERWISE NOTED, INSTALL ALL DUCTWORK AS HIGH AS POSSIBLE, TIGHT TO THE BOTTOM OF THE STRUCTURE. COORDINATE ELEVATION AND LOCATION WITH RAIN LEADERS, WATER PIPING, PLUMBING VENTS, AND MAJOR ELECTRICA CONDUITS OR CABLE TRAY.
- 18. PROVIDE DRAIN P-TRAPS IN THE CONDENSATE LINES AT ALL AIR HANDLING UNITS. SIZE PER MANUFACTURERS
- CONTRACTOR SHALL NOT ATTACH SUPPORTS OR HANGERS DIRECTLY TO THE DECK, CEILING SUPPORT SYSTEM, OR DUCTWORK ABOVE. HANGERS, SUPPORTS, FASTENING DEVICES, ETC. SHALL BE FASTENED TO TOP CHORD OF THE JOIST AND/OR FLANGE OF THE BEAMS ABOVE.
- THE ENGINEER HAS MADE AN EXTENSIVE EFFORT TO IDENTIFY ABOVE CEILING CONFLICTS. THE CONTRACTOR IS RESPONSIBLE TO CHECK FIELD CONDITIONS PRIOR TO COMMENCING WORK AND REPORT ANY PROBLEMS/CONFLICTS TO THE ENGINEER WITHIN 2 DAYS OF DISCOVERY. ANY CHANGES RESULTING FROM CONDITIONS ARISING IN THE FIELD WHICH WERE NOT BROUGHT TO THE ENGINEER'S ATTENTION ARE TO BE MADE BY THIS CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER.
- THE WORK INDICATED ON THESE DRAWINGS IS GENERALLY DIAGRAMMATIC AND IS INTENDED TO CONVEY THE SCOPE OF WORK AND INDICATE THE GENERAL ARRANGEMENT OF DUCTWORK AND EQUIPMENT.
- ALL WORK IS TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF FINAL ACCEPTANCE. ALL DEFECTS WHICH DEVELOP OR ARE DISCOVERED WITHIN THIS PERIOD SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER.
- UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ALL IDENTIFIED EXISTING EQUIPMENT TO BE REMOVED SHALL BE TURNED OVER TO THE
- WHEN CONFLICTS OCCUR IN SPECIFICATIONS OR IN THE DRAWINGS, OR BETWEEN EITHER, THE ITEMS OF GREATER QUANTITY OR HIGHER COST SHALL BE PROVIDED.
- THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS.
- PROVIDE BALANCING DAMPER IN EACH BRANCH CONNECTION.
- ALL DUCTWORK INSTALLED ON THIS PROJECT SHALL BE OF SHEET METAL CONSTRUCTION. DUCTWORK SHALL BE FABRICATED AND CONSTRUCTED IN ACCORDANCE WITH SMACNA REQUIREMENTS.
- MECHANICAL CONTRACTOR SHALL PROVIDE NAMEPLATE INFO TO THE FACILITY MANAGER FOR ALL MECHANICAL
- EQUIPMENT, INCLUDING BUT NOT LIMITED TO, FAN COILS, CONDENSING UNITS, RTU'S, AND EXHAUST FANS.
- ALL REFRIGERANT SHALL BE R-410A. NO R-22 SHALL BE USED.
- ALL PROVISIONS FOR LINE VOLTAGE WIRING SHALL BE BY THE ELECTRICAL CONTRACTOR. ALL PROVISIONS FOR LOW VOLTAGE WIRING SHALL BE BY THE MECHANICAL CONTRACTOR. FINAL CONNECTIONS SHALL BE BY THE MECHANICAL CONTRACTOR FOR LOW VOLTAGE WIRING UNLESS PROHIBITED BY LOCAL JURISDICTION, IN SUCH CASE THE MECHANICAL CONTRACTOR SHALL INFORM THE ELECTRICAL CONTRACTOR.

ROUTE FULL SIZE PVC DRAIN PIPE FROM EACH RTU (1" MIN) DRAIN PAN AND FROM EACH FCU (3/4" MIN)TO RESPECTIVE

- FLOOR DRAIN OR TO DAYLIGHT WITH AIR GAP. INSULATE WITH 3/4" ARMSTRONG "ARMAFLEX" INSULATION.
- all materials within return air plenums or exposed within ducts shall be noncombustible and/or shall have a flame Spread index not greater than 25 and a Smoke developed index not greater than 50 when TESTED IN ACCORDANCE WITH ASTME 84.

### MECHANICAL DEMOLITION NOTES:

- THE INFORMATION CONTAINED IN THESE DOCUMENTS IS NOT TO BE CONSIDERED AS COMPLETE AND FULLY ACCURATE AS IT PERTAINS TO THE EXACT QUANTITY AND LOCATION OF ALL SYSTEM COMPONENTS. THE INFORMATION CONTAINED HEREIN WAS OBTAINED FROM ORIGINAL DESIGN DOCUMENTS AND LIMITED SITE VISITS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATION, SERVICE, AND QUANTITY OF ALL EXISTING SYSTEM COMPONENTS PRIOR TO BEGINNING DEMOLITION WORK. CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR PHASING OF DEMOLITION, STRUCTURAL, NON-STRUCTURAL, AND NEW WORK PRIOR TO FULL BUILDING DEMOLITION. CONTRACTOR TO COORDINATE DEMOLITION OF ANY MECHANICAL EQUIPMENT NOT BEING RE-USED, RELOCATION OF EXISTING EQUIPMENT TO BE RE-USED, AND ANY NEW MECHANICAL EQUIPMENT WITH
- EXISTING WORK IS INDICATED IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION SHALL BE CHECKED IN THE FIELD BY EACH SUBCONTRACTOR. AS DEMOLITION PROCEEDS, CAREFUL MEASUREMENTS SHALL BE MADE OF ALL WORK UNCOVERED TO WHICH NEW WORK MUST FIT, AND SHOP DRAWINGS FOR ALL FABRICATED MATERIALS SHALL BE COORDINATED WITH INFORMATION SO OBTAINED. NO EXTRA COSTS WILL BE ALLOWED FOR PREFABRICATION OF ANY
- THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL PROTECTIONS AS REQUIRED BY GOVERNING AUTHORITIES, AND SHALL PROVIDE AND MAINTAIN PERMANENT OR TEMPORARY COVERED PASSAGEWAYS, BARRICADES, OR OTHER STRUCTURES AS REQUIRED BY LAW OR AS REQUIRED IN ORDER TO PROTECT THE PUBLIC.
- THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE, AND REPORT ANY DISCREPANCY TO THE ARCHITECT AND/OR ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY WORK.
- REMOVE ALL EXISTING DUCTWORK AND ALL ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO DUCT HANGERS DUCT INSULATION, BALANCING DAMPERS, AND AIR DEVICES. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED
- REMOVE ALL EXISTING KITCHEN EXHAUST HOODS AND ALL ASSOCIATED ACCESSORIES INCLUDING BUT NOT LIMITED TO ALL associated exhaust ductwork, all associated fire suppression controls and equipment, and associated EXHAUST FANS. CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS
- CONTRACTOR TO REMOVE EXISTING ROOF-MOUNTED MECHANICAL EQUIPMENT THAT IS NOT BEING RE-USED. REFER TO MECHANICAL PLANS FOR EXISTING UNITS TO REMAIN. REMOVE EXISTING EQUIPMENT AND ALL ASSOCIATED ACCESSORIES, INCLUDING BUT NOT LIMITED TO ROOF CURBS, DUCT ACCESSORIES, CONDENSATE PIPING, GAS PIPING, AND ALL ASSOCIATED CONTROLS AND WIRING, CONTRACTOR TO PROPERLY DISPOSE OF ALL REMOVED MATERIALS.
- PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS

MATERIALS WHICH ARE INCORRECTLY FABRICATED WITHOUT SUCH COORDINATION.

### **ABBREVIATIONS**

AIR CONDITIONING ACH

AIR CHANGES PER HOUR ACCESS DOOR

ABOVE FINISHED FLOOR AIR HANDLING UNIT ACCESS PANEL

BYPASS DAMPER BELOW FINISHED FLOOR

**BRAKE HORSE POWER** BOT

CONDENSATE DRAIN

BRITISH THERMAL UNIT PER HOUR

CUBIC FEET PER MINUTE CHILLED WATER RETURN

CHILLED WATER SUPPLY CLG **CEILING** 

CD

CT **COOLING TOWER** CU CONDENSING UNIT CONDENSER WATER RETURN

**CWS** CONDENSER WATER SUPPLY DB DRY BULB

DDC DIRECT DIGITAL CONTROL DG DOOR GRILLE DN DOWN

**DEW POINT** 

DX DIRECT EXPANSION EXHAUST AIR

ENTERING AIR TEMPERATURE ELECTRIC DUCT HEATER

**ENERGY EFFICIENCY RATIO** EXHAUST FAN

**EXPANSION TANK** ELEVATION

**EQUIP EQUIPMENT** ENTERING WATER TEMPERATURE

**EXIST** EXISTING

**EXTERNAL STATIC PRESSURE** FIRE DAMPER

FAN COIL UNIT FLOOR DRAIN

FLOOR

FEET PER MINUTE FSD FIRE/SMOKE DAMPER G NATURAL GAS

GPH **GALLONS PER HOUR GALLONS PER MINUTE** 

HUMIDITY **HEATING COIL** 

HX **HEAT EXCHANGER** HORSE POWER

HOT WATER RETURN **HOT WATER SUPPLY** 

KILOWATT LEAVING AIR TEMPERATURE

LEAVING WATER TEMPERATURE

MOTORIZED DAMPER MAXMAXIMUM MINIMUM

NORMALLY CLOSED NIC **NOT IN CONTRACT** 

NO NORMALLY OPEN

**OUTSIDE AIR OUTSIDE AIR INTAKE** 

**OUTSIDE SCREW & YOKE** PD PRESSURE DROP

PRESS PRESSURE RETURN AIR **ROOF DRAIN** 

REFRIGERANT RAIN LEADER

RUNNING LOAD AMPS **REVOLUTIONS PER MINUTE ROOF TOP UNIT** 

**SMOKE DETECTOR** SUPPLY AIR

STATIC PRESSURE

SYS SYSTEM **TEMPERATURE** 

**TYPICAL** UC UNDERCUT UNDERGROUND UG

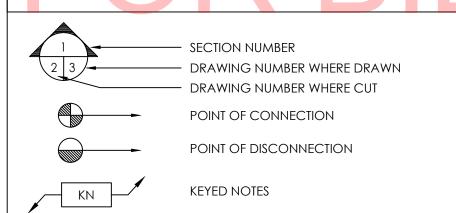
**UNDERWRITERS LABORATORY** 

UNLESS OTHERWISE NOTED VAV VARIABLE AIR VOLUME VD **VOLUME DAMPER** 

VARIABLE FREQUENCY DRIVE VARIABLE SPEED DRIVE

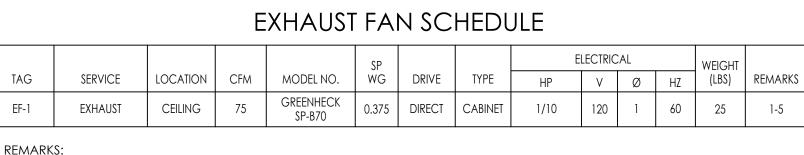
WET BULB

# DRAWING SYMBOLS



### **DUCTWORK**

DOCIMORK	
UP [><] DN	SUPPLY DUCT (UP & DOWN)
UP [5] DN	EXHAUST DUCT (UP & DOWN)
UP [7] DN	RETURN AIR DUCT (UP & DOWN)
	CEILING DIFFUSERS/GRILLES (DOUBLE LINE)
<b>1</b>	CEILING DIFFUSERS/GRILLES (SINGLE LINE)
<b>→</b>	SIDE WALL REGISTER OR GRILLE (DOUBLE LINE)
<b>├</b>	SIDE WALL REGISTER OR GRILLE (SINGLE LINE)
l l	WIRE MESH SCREEN (DOUBLE LINE)
·	WIRE MESH SCREEN (SINGLE LINE)
10x8	NEW DUCT - WIDTH x DEPTH (DOUBLE LINE)
₹ 10x8 ₹	NEW DUCT - WIDTH x DEPTH (SINGLE LINE)
	EXISTING DUCT TO REMAIN (DOUBLE LINE)
<b>⊱</b>	EXISTING DUCT TO REMAIN (SINGLE LINE)
	EXISTING DUCT TO BE REMOVED (DOUBLE LINE)
<b>V</b> HHHHHHHHA	EXISTING DUCT TO BE REMOVED (SINGLE LINE)
Y	FLEXIBLE DUCTWORK (INSULATED)
	DUCT TRANSITION - CONCENTRIC (DOUBLE LINE)
· · · · · · · · · · · · · · · · · · ·	DUCT TRANSITION - CONCENTRIC (SINGLE LINE)
	DUCT TRANSITION - ECCENTRIC (DOUBLE LINE)
· · · · · · · · · · · · · · · · · · ·	DUCT TRANSITION - ECCENTRIC (SINGLE LINE)
	DUCT TRANSITION - RECT. TO RND (DOUBLE LINE)
· · · · · · · · · · · · · · · · · · ·	DUCT TRANSITION - RECT. TO RND (SINGLE LINE)
<u> </u>	MANUAL VOLUME DAMPER (DOUBLE LINE)
<u>M</u>	MANUAL VOLUME DAMPER (SINGLE LINE)
† <u> </u>	MOTOR OPERATED DAMPER
<u> </u>	BACK DRAFT DAMPER
†     <u>R</u>     †	INCLINED RISE, IN DIRECTION OF AIR FLOW (DOUBLE LINE)
	INCLINED RISE, IN DIRECTION OF AIR FLOW (SINGLE LINE)
	INCLINED DROP, IN DIRECTION OF AIR FLOW (DOUBLE LINE)
	INCLINED DROP, IN DIRECTION OF AIR FLOW (SINGLE LINE) FLEXIBLE CONNECTION (DOUBLE LINE)
	FLEXIBLE CONNECTION (SINGLE LINE)
	TELXIBLE CONNECTION (SINGLE LINE)
	FIRE DAMPER
	SMOKE DAMPER
	FIRE/SMOKE DAMPER
<u>†    †</u>	SMOKE DETECTOR (DUCT MOUNTED)
	DUCT MOUNTED COIL/HEATER (DOUBLE LINE)
· · · · · · · · · · · · · · · · · · ·	DUCT MOUNTED COIL/HEATER (SINGLE LINE)
CCC	VANED ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH TURNING VANES EVEN IF SYMBOL IS MISSING)
(Free	VANED RADIUS ELBOW (PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH TURNING VANES EVEN IF SYMBOL IS MISSING)
	ACOUSTICALLY LINED DUCT
	VANE TURN ELBOW & AIR SPLIT TYPE DUCT TAKE-OFF (DOUBLE LINE)
· · · · · · · · · · · · · · · · · · ·	VANE TURN ELBOW & AIR SPLIT TYPE DUCT TAKE-OFF (SINGLE LINE)
	— AIR FLOW CFM
100 6"¢ A TYP.	— AIR DEVICE TYPE (EX = Existing)
	— AIR DEVICE NECK SIZE
AIR DEVICES	
2-WAY AIR	
1-WAY AIR	FLOW 3-WAY AIR FLOW

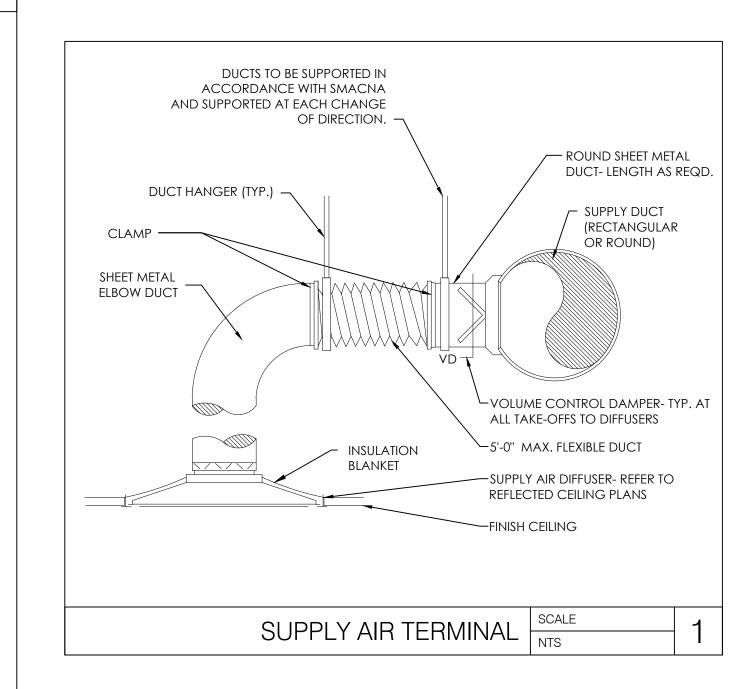


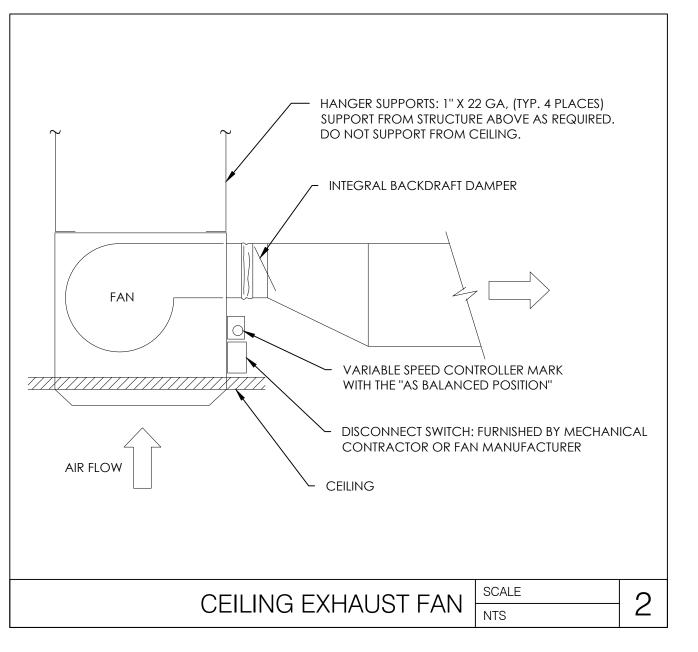
 PROVIDE WITH STANDARD NEMA-1 DISCONNECT. PROVIDE WITH INTEGRAL BACKDRAFT DAMPER.

3. PROVIDE WITH PROVIDE WITH SPEED CONTROLLER MOUNTED ON J-BOX ABOVE CEILING. T&B CONTRACTOR SHALL MARK BALANCED POSITION ON

4. PROVIDE WITH VIBRATION ISOLATION.

INTERLOCK WITH OCCUPANCY SENSOR SERVING BATHROOM LIGHT FIXTURE. FAN SHALL RUN CONTINUOUSLY WHILE BATHROOM IS OCCUPIED.







GROUP 479.986.4400

10.22.2021 100% SET REVIEW

DESCRIPTION

PROJECT INFORMATION PROJECT NO: 05.18.2021 SCALE: AS NOTED DRAWN BY: A.MATRISCIANC CHECKED BY:

SHEET TITLE

SSUE DATE

MECHANICAL **GENERAL NOTES** AND SCHEDULES

SHEET NUMBER



### MECHANICAL NOTES:

FACILITATE INSTALLATION.

- CONTRACTOR TO PROVIDE AND INSTALL NEW CEILING SUPPLY DIFFUSERS IN NEW CEILING GRID, MATCH EXISTING DIFFUSERS. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING DUCTWORK AS REQUIRED TO FACILITATE INSTALLATION.
- CONTRACTOR TO PROVIDE AND INSTALL NEW CEILING RETURN GRILLES IN NEW CEILING GRID, MATCH EXISTING GRILLES. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING DUCTWORK AS REQUIRED TO
- CONTRACTOR TO PROVIDE AND INSTALL NEW CEILING MOUNTED EXHAUST FAN IN NEW CEILING GRID. ROUTE FAN DISCHARGE AND CONNECT TO EXISTING ROOF TERMINATION VENT. REFER TO SCHEDULE ON SHEET M2.0 FOR ADDITIONAL INFORMATION.

UPON COMPLETION OF WORK, THE MECHANICAL CONTRACTOR SHALL REPLACE ALL RETURN AIR FILTERS ON ALL EXISTING HVAC UNITS.

> $\mathbf{\Omega}$ NATIONAL PLYMOUTH **CORE STATES** GROUP 1700 Industrial Drive Suite B Rogers, AR 72756 479.986.4400 core-states.com DESCRIPTION 10.22.2021 100% SET REVIEW PROJECT INFORMATION

ONB.32396 05.18.2021 AS NOTED A.MATRISCIANO D.LEIFFER DRAWN BY: CHECKED BY:

SHEET TITLE

MECHANICAL FLOOR PLAN

SHEET NUMBER

M-100

PLU	JMBING FIXTURE SCHEDULE:				
MARK	ITEM: DESCRIPTION	COLD WATER	HOT WATER	WASTE	VENT
<u>WC-1</u>	WATER CLOSET: AMERICAN STANDARD MODEL# CADET PRO 215AA.004 TWO-PIECE FLOOR MOUNTED VITREOUS CHINA TOILET WITH ELONGATED BOWL, PRESSURE ASSISTED 1.6  GPF FLUSH, AND POLISHED CHROME TRIP LEVER. CONTRACTOR TO COORDINATE MODEL NUMBER TO POSITION FLUSH LEVER ON ADA ACCESSIBLE SIDE OF THE WATER CLOSET; SEAT: BEMIS COMMERCIAL MODEL #1955CT - WHITE SOLID ELONGATED PLASTIC OPEN FRONT LESS COVER; SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLY WITH LOOSE KEY STOP.	1/2"	-	4"	2"
LAV-1	LAVATORY: KOHLER GREENWICH MODEL# K-2032 WHITE WALL-MOUNTED 20-3/4" X 18-1/4" VITREOUS CHINA SINK. PROVIDE WITH LAVATORY WALL CARRIER. FAUCET: AMERICAN STANDARD# 7186.101 INTEGRATED MIXER, POLISHED CHROME FINISH, 1.2 GPM AERATED SPRAY AND WITH ESCUTCHEON PLATE. STRAINER: AMERICAN STANDARD METAL SPEED CONNECT DRAIN BODY AND 1-1/4" TAILPIECE; P-TRAP: 1-1/4" X 12" CHROME PLATED 17 GAUGE W/TAILPIECE AND CLEANOUT SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLIES WITH LOOSE KEY STOPS; THERMOSTATIC MIXING VALVE (TMV) MOUNTED BELOW LAVATORY AND SET FOR A MAXIMUM MIXED TEMP OF 105°F.	1/2"	1/2"	2"	1-1/2'
<u>SK-1</u>	LOUNGE SINK: ELKAY MODEL# LRAD2219 LUSTERTON SINGLE COMPARTMENT 19-1/2" X 22" X 5-1/2" DEEP 18 GAUGE STAINLESS STEEL; FAUCET: ZURN WIDESPREAD MODEL# Z831B4-XL DECK MOUNTED FAUCET WITH REMOTE LEVER HANDLE, 5-3/8" SPOUT REACH, 2.0 GPM REGULATOR, AND CHROME FINISH OR CHICAGO FAUCETS MODEL# 786-E3ABCP DECK MOUNTED FAUCET WITH REMOTE LEVER HANDLE, 5-1/4" SPOUT REACH, 2.2 GPM REGULATOR, AND CHROME FINISH; SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLIES WITH WHEEL HANDLE STOP; SINK DISPOSAL INSINKERATOR PRO 750 EVOLUTION SERIES. PROVIDE INSINKERATOR MODEL# PRO 750 EVOLUTION SERIES SINK DISPOSAL.	1/2"	1/2"	2"	1-1/2'
DF-1	ELECTRIC WATER COOLER: ELKAY MODEL# EZSTL8WSSK BI-LEVEL WALL MOUNTED ADA COOLER WITH ALL STAINLESS STEEL FINISH, FRONT AND SIDE PUSHBAR, FLEXIBLE ANTI-MICROBIAL SAFETY BUBBLER, AND EZH20 BOTTLE FILLING STATION. BOTTLE FILLING STATION TO BE INSTALLED ON LOW SIDE OF WATER COOLER. SUPPLIES: 3/8" X 12" CHROME PLATED FLEXIBLE SUPPLIES WITH LOOSE KEY STOP; CARRIER: FLOOR MOUNTED IN WALL CARRIER MOUNTING SYSTEM.	1/2"	-	2"	1-1/2'
FD	FLOOR DRAIN: ZURN MODEL# ZN415S-Y FLOOR DRAIN, DURA-COATED CAST IRON BODY WITH BOTTOM OUTLET, ADJUSTABLE COLLAR, AND HEEL PROOF NICKEL BRONZE TOP. PROVIDE WITH SQUARE 5x5 STRAINER, SEDIMENT BUCKET, AND TRAP PRIMER CONNECTION.	-	-	SEE DRAWINGS	-
TP	TRAP PRIMER: PRECISION PLUMBING PRODUCTIONS MODEL# P1-500 PRESSURE DROP ACTIVATED TRAP PRIMER. LEAD FREE BRASS BODY WITH STAINLESS STEEL MESH SCREEN. PROVIDE WITH DU-U DISTRIBUTION UNIT AS NECESSARY FOR MULTIPLE FLOOR DRAIN CONNECTIONS.	1/2"	-	-	-

### PLUMBING DEMOLITION NOTES:

- THE INFORMATION CONTAINED IN THESE DOCUMENTS IS NOT TO BE CONSIDERED AS COMPLETE AND FULLY ACCURATE AS IT PERTAINS TO THE EXACT QUANTITY AND LOCATION OF ALL SYSTEM COMPONENTS. THE INFORMATION CONTAINED HEREIN WAS OBTAINED FROM ORIGINAL DESIGN DOCUMENTS AND LIMITED SITE VISITS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATION, SERVICE, AND QUANTITY OF ALL EXISTING SYSTEM COMPONENTS PRIOR TO BEGINNING DEMOLITION WORK. CONTRACTOR TO VISIT SITE PRIOR TO COMMENCING WORK AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS AND SCOPE OF WORK.
- CONTRACTOR TO REMOVE ALL EXISTING PLUMBING FIXTURES ACCORDING TO ARCHITECTURAL DEMOLITION PLAN, INCLUDING BUT NOT LIMITED TO WATER CLOSETS, LAVATORIES, MOP SINKS, AND OTHER KITCHEN EQUIPMENT. REMOVE ALL ASSOCIATED BRANCH PIPING INCLUDING COLD WATER, HOT WATER, SANITARY, GREASE, AND
- VENT PIPING. PROPERLY CAP AND SEAL ALL REMOVED PIPING. EXISTING GAS, SANITARY, VENT, AND COLD WATER MAIN PIPING TO REMAIN AND BE RE-USED. EXISTING WORK IS INDICATED IN ACCORDANCE WITH THE BEST AVAILABLE INFORMATION SHALL BE CHECKED IN THE FIELD BY EACH SUBCONTRACTOR. AS DEMOLITION PROCEEDS, CAREFUL MEASUREMENTS SHALL BE MADE OF ALL WORK UNCOVERED TO WHICH NEW WORK MUST FIT, AND SHOP DRAWINGS FOR ALL FABRICATED MATERIALS
- FABRICATED WITHOUT SUCH COORDINATION. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE SITE, AND REPORT ANY DISCREPANCY TO THE ARCHITECT AND/OR ENGINEER OF RECORD BEFORE PROCEEDING WITH ANY WORK.

SHALL BE COORDINATED WITH INFORMATION SO OBTAINED. NO EXTRA COSTS WILL BE ALLOWED FOR PREFABRICATION OF ANY MATERIALS WHICH ARE INCORRECTLY

5. PATCH AND REPAIR ALL EXISTING PENETRATIONS TO MATCH ADJACENT CONDITIONS.

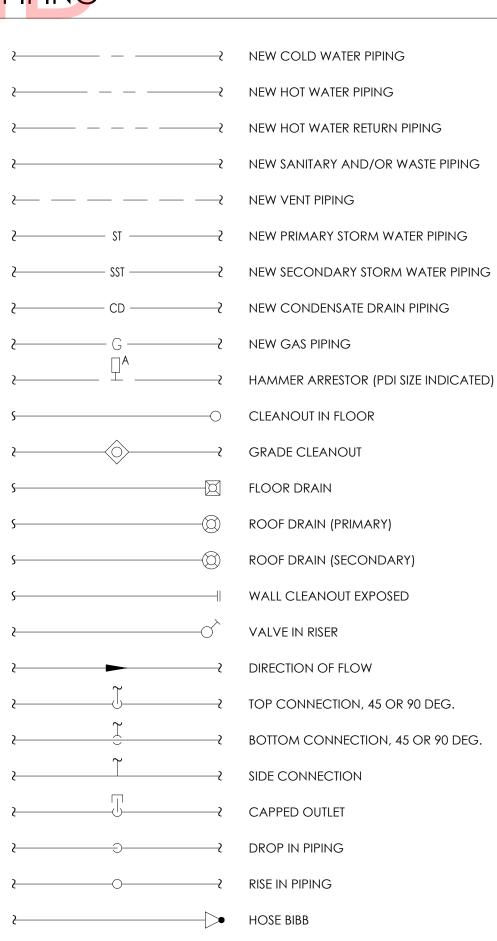
### PLUMBING GENERAL NOTES:

- CONTRACTOR SHALL PROVIDE COMPLETE PLUMBING SYSTEMS AS DETAILED ON THESE DRAWINGS, IN COMPLIANCE WITH 2015 MINNESOTA PLUMBING CODE. WORK CONSISTS OF FURNISHING ALL MATERIALS, EQUIPMENT, AND SERVICES REQUIRED FOR COMPLETE SYSTEMS. INCLUDE ANY INCIDENTAL APPARATUS, APPLIANCES, MATERIAL LABOR AND SERVICES NECESSARY TO MAKE NEW WORK COMPLETE IN ALL RESPECTS AND FULLY READY FOR OPERATION.
- VERIFY THE EXACT LOCATION OF EXISTING SANITARY SEWERS AND WATER MAINS FROM THE ACTUAL JOB SITE PRIOR TO SUBMITTING BID. SUBMISSION OF YOUR PROPOSAL SHALL BE CONSTRUED AS INDICATING SUCH KNOWLEDGE. NO ADDITIONAL PAYMENT WILL BE MADE ON CLAIMS THAT ARISE FROM THE CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.
- MAKE SUCH OFFSETS AND DEVIATIONS FROM WORK SHOWN ON THE DRAWINGS, AS MAY BE NECESSARY TO FIT THE ACTUAL SPACE CONDITIONS
- WHERE VALVES OCCUR ABOVE DRYWALL OR PLASTER OR ARE CONCEALED BEHIND WALLS, THIS CONTRACTOR SHALL FURNISH AND INSTALL ACCESS PANELS. COORDINATE COLOR AND STYLE WITH ENGINEER/ARCHITECT.
- INSTALLER SHALL NOT CUT ANY STRUCTURAL MEMBERS WITHOUT FIRST SECURING WRITTEN APPROVAL FROM THE ARCHITECT.
- PROVIDE DIELECTRIC UNIONS AT ALL CONNECTIONS BETWEEN DISSIMILAR PIPING METALS.
- NO VENT THROUGH ROOF SHALL TERMINATE CLOSER THAN 10 FT. TO ANY OUTSIDE AIR INTAKE OR VENTILATION LOUVERS, DOORS, WINDOWS AND OTHER BUILDING OPENINGS.
- SANITARY SEWER AND MAIN WATER PIPING UNDERGROUND SHALL BE A MINIMUM OF 36" BELOW EXTERIOR GRADE.
- PIPING IN CONCRETE BLOCK WALLS SHALL BE INSTALLED AS BLOCK IS BEING LAID. DO NOT CUT BLOCK WALL.
- PROVIDE ALL SINKS AND LAVATORIES WITH TRAP FITTINGS FOR CLEANOUT
- CONTRACTOR IS RESPONSIBLE TO ALSO CHECKING FIELD CONDITIONS PRIOR TO BIDDING AND REPORT ANY PROBLEMS/CONFLICTS TO THE ENGINEER WITHIN 2 DAYS OF DISCOVERY. ANY CHANGES RESULTING FROM CONDITIONS ARISING IN THE FIELD WHICH WERE NOT BROUGHT TO THE ENGINEER'S ATTENTION ARE TO BE MADE BY THIS CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER
- ALL WORK IS TO BE FREE OF DEFECTS IN WORKMANSHIP AND MATERIALS FOR A PERIOD OF ONE(1) YEAR FROM DATE OF FINAL ACCEPTANCE. ALL DEFECTS WHICH DEVELOP OR ARE DISCOVERED WITHIN THIS PERIOD SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE OWNER AT NO ADDITIONAL COST TO THE OWNER. UPON COMPLETION OF THE WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL REMOVE ALL TOOLS, APPLIANCES, SURPLUS MATERIALS, AND SCRAP. ALL IDENTIFIED EXISTING EQUIPMENT
- TO BE REMOVED SHALL BE TURNED OVER TO THE OWNER.
- 14. THE CONTRACTOR SHALL COORDINATE WORK WITH OTHER TRADES IN ORDER TO AVOID CONFLICTS.
- 15. THE CONTRACTOR SHALL PROVIDE ALL CHROME EXPOSED TRAP PRIMER CONNECTIONS BELOW LAVATORIES 16. PLUMBING CONTRACTOR SHALL PROVIDE NAMEPLATE INFO TO THE FACILITY MANAGER FOR WATER HEATER AND RPZ.
- CONTRACTOR TO VISUALLY INSPECT CONDITION OF EXISTING SANITARY PIPING PRIOR TO COMMENCING WORK WITH APPROVED VIDEO CAMERA PROBE. CONTRACTOR TO RECORD INSPECTION AND PROVIDE TO ARCHITECT. IMMEDIATELY NOTIFY ARCHITECT OF ANY DEFECTS, DAMAGES, OR ISSUES IN EXISTING PIPING. UPON COMPLETION OF WORK RE-INSPECT PIPING.
- 18. ALL NEW AND EXISTING POTABLE WATER PIPING SHALL BE DISINFECTED PRIOR TO OCCUPANCY.

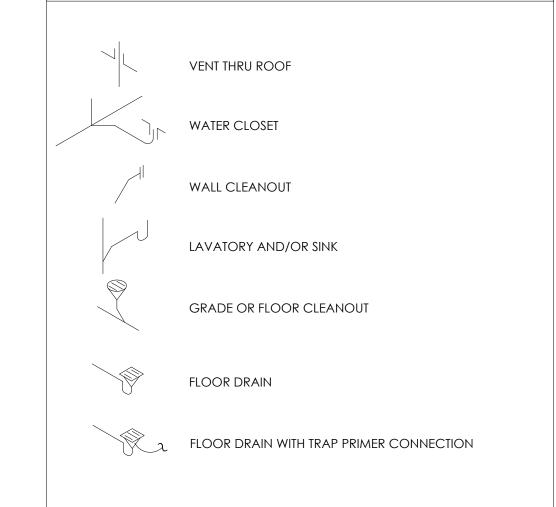
# **ABBREVIATIONS**

AFF ABOVE FINISHED FLOOR BELOW FINISHED FLOOR BOT BOTTOM CD CONDENSATE DRAINAGE CP CHROME PLATED CLG CEILING CO CLEANOUT CW COLD WATER DN DOWN DNZ DOWNSPOUT NOZZLE DRAIN EXPANSION TANK EWH ELECTRIC WATER HEATER FCO FLOOR CLEANOUT FAN COIL FLOOR DRAIN FLOOR GCO **GRADE CLEANOUT** GPF GALLONS PER FLUSH GPM GALLONS PER MINUTE GV GATE VALVE HOSE BIBB **HOT WATER** INVERT (VERIFY IN FIELD) MAX MAXIMUM MINIMUM ORD OVERFLOW ROOF DRAIN **ROOF DRAIN** RD RWL RAINWATER LEADER Sanitary STORM DRAIN SECONDDARY STORM DRAIN W/TPC WITH TRAP PRIMER CONNECTION TMV THERMOSTATIC MIXING VALVE TYP TYPICAL UON UNLESS OTHERWISE NOTED VENT VO VALVED OUTLET VERIFY IN FIELD VTR **VENT THRU ROOF** WASTE WCO WALL CLEANOUT

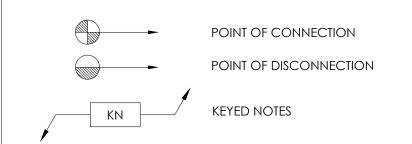
# PIPING



### ISOMETRIC SYMBOLS



### DRAWING SYMBOLS





Rogers, AR 72756 479.986.4400

ENGINEER OF RECORD

SSUE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION PROJECT NO: 05.18.2021 SCALE: **AS NOTED** DRAWN BY: A.MATRISCIANO CHECKED BY:

SHEET TITLE

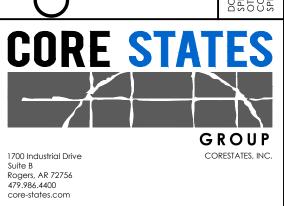
PLUMBING ABBREVIATION, **LEGENDS & NOTES** 



### PLUMBING NOTES:

- 1. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING SANITARY ROUGH-IN AS REQUIRED TO FACILITATE INSTALLATION OF NEW PLUMBING FIXTURE. CONTRACTOR TO FIELD VERIFY EXISTING PIPING PRIOR TO COMMENCING WORK.
- 2. CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING VENT ROUGH-IN AS REQUIRED TO FACILITATE INSTALLATION OF NEW PLUMBING FIXTURE. CONTRACTOR TO FIELD VERIFY EXISTING PIPING PRIOR TO COMMENCING WORK.
- 3. CONTRACTOR TO ROUTE NEW SANITARY PIPING AND CONNECT TO EXISTING SANITARY PIPING. CONTRACTOR TO VERIFY EXACT TIE-IN LOCATION, INVERT, AND SLOPE PRIOR TO COMMENCING WORK.
- 4. CONTRACTOR TO ROUTE NEW VENT PIPING AND CONNECT TO EXISTING VENT PIPING. CONTRACTOR TO VERIFY EXACT TIE-IN LOCATION, INVERT, AND SLOPE PRIOR TO COMMENCING WORK.
- 5. CONTRACTOR TO INSTALL NEW BREAK ROOM SINK DISPOSAL IN CABINET BELOW SINK.

LD NATIONAL BANK
PLYMOUTH



ISSUE DATE DESCRIPTION

- 10.22.2021 100% SET REVIEW

PROJECT INFORMATION
PROJECT NO: ONB.3

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: A.MATRISCIANO

CHECKED BY:
SHEET TITLE

PLUMBING SANITARY & VENT PLAN

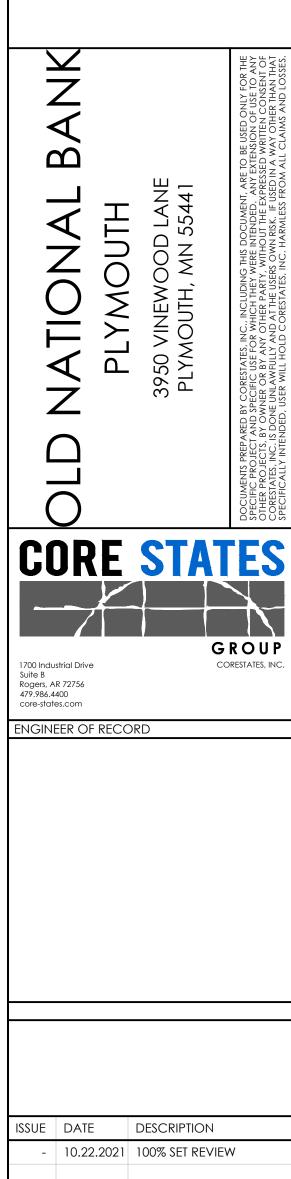
SHEET NUMBER

P-100



### PLUMBING NOTES:

- CONTRACTOR TO EXTEND AND/OR MODIFY EXISTING DOMESTIC COLD WATER AND HOT WATER ROUGH-IN PIPING AS REQUIRED TO FACILITATE INSTALLATION OF NEW PLUMBING FIXTURE. CONTRACTOR TO FIELD VERIFY EXISTING PIPING PRIOR TO COMMENCING WORK.
- CONTRACTOR TO ROUTE NEW DOMESTIC WATER PIPING AND CONNECT TO EXISTING PIPING OF GREATER OR EQUAL SIZE. CONTRACTOR TO FIELD VERIFY EXACT TIE-IN LOCATION AND SIZE PRIOR TO COMMENCING



PROJECT INFORMATION ONB.32396 05.18.2021 AS NOTED

A.MATRISCIANC

CHECKED BY:

DRAWN BY:

PLUMBING DOMESTIC WATER PLAN

SHEET NUMBER

P-101

### ABBREVIATIONS

	AIIONS
A AFF AHU ATS AWG	AMPERE ABOVE FINISHED FLOOR AIR HANDLING UNIT AUTOMATIC TRANSFER SWITCH AMERICAN WIRE GAUGE
C CB CKT CLG CT CU	CONDUIT CIRCUIT BREAKER CIRCUIT CEILING CURRENT TRANSFORMER COPPER
DWG	DRAWING
E EB E.C. EF EM EMT ENCL EWC EWH	EXISTING EQUIPMENT BOARD ELECTRICAL CONTRACTOR EXHAUST FAN EMERGENCY ELECTRICAL METALLIC TUBING ENCLOSURE ELECTRIC WATER COOLER ELECTRIC WATER HEATER
F FA FATC FACP	FUSE FIRE ALARM FIRE ALARM TERMINAL CABINET FIRE ALARM CONTROL PANEL
GFI, GFCI GND,G	GROUND FAULT CIRCUIT INTERRUPTER GROUND
HACR HD HP	HEATING/AIR CONDITIONING-RATED HAND DRYER HORSEPOWER
IG J	ISOLATED GROUND JUNCTION BOX
KCMIL KVA KW	THOUSAND CIRCULAR MILS KILOVOLT AMPERE KILOWATT
MCB MDP MLO MTS	MAIN CIRCUIT BREAKER MAIN DISTRIBUTION PANEL MAIN LUGS ONLY MANUAL TRANSFER SWITCH
NC NEC NEMA NF NFPA NL	NORMALLY CLOSED  NATIONAL ELECTRICAL CODE  NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION  NON-FUSED  NATIONAL FIRE PROTECTION ASSOCIATION  NIGHT LIGHT
PNL PVC	PANEL POLYVINYL CHLORIDE CONDUIT
REF	REFRIGERATOR
SPD SW SWBD	SURGE PROTECTIVE DEVICE SWITCH SWITCHBOARD
TS TYP	TIME SWITCH TYPICAL
UG UH UON UPS	UNDERGROUND UNIT HEATER UNLESS OTHERWISE NOTED UNINTERRUPTIBLE POWER SUPPLY
V VAV VFD	VOLT VARIABLE AIR VOLUME VARIABLE FREQUENCY DRIVE
WP WR	WEATHER PROOF WEATHER RESISTANT
XFMR	TRANSFORMER

NOT ALL ABBREVIATIONS WILL BE USED. USED FOR REFERENCE PURPOSES ONLY.

# DEVICE LEGEND

SYMBOL	<u>DESCRIPTION</u>
	HOMERUN TO PANEL INDICATED (CONCEALED). MINIMUM 3/4" CONDUIT. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY THE NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL CONDUCTORS. FOR HOMERUNS EXCEEDING 100' IN LENGTH PROVIDE #10 CONDUCTORS. FOR HOMERUNS EXCEEDING 150' IN LENGTH PROVIDE #8 CONDUCTORS. THERE SHALL BE A MAXIMUM OF 2 BRANCH CIRCUITS FOR SINGLE PHASE AND 3 BRANCH CIRCUITS FOR THREE PHASE PER HOMERUN (AS INDICATED ON THE PLANS). TEXT SHOWN BY HOMERUN INDICATES PANELBOARD DESIGNATION AND CIRCUIT NUMBER(S).
	CONDUIT CONCEALED IN WALL OR ABOVE CEILING SPACE. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY THE NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL. MINIMUM 1/2" CONDUIT.
	UNDERGROUND OR BELOW SLAB CONDUIT. UNLESS OTHERWISE NOTED PROVIDE #12 CONDUCTORS AS REQUIRED BY THE NUMBER OF CIRCUITS SHOWN. INCLUDE #12 GROUND AND #12 NEUTRAL. MINIMUM 3/4" CONDUIT.
	PANELBOARD - BRANCH CIRCUIT TYPE - 120/208V
ㅁ	NON-FUSIBLE DISCONNECT SWITCH - HEAVY DUTY - SEE SPECIFICATIONS - MOUNT TOP OF ENCLOSURE 66" AFF, (UON)
짭	FUSIBLE DISCONNECT SWITCH - HEAVY DUTY - FUSED AS INDICATED ON PLANS - SEE SPECIFICATIONS - MOUNT TOP OF ENCLOSURE 66" AFF, (UON)
<b>⊠</b> ¹	ENCLOSED CIRCUIT BREAKER - HEAVY DUTY - SEE SPECIFICATIONS - MOUNT TOP OF ENCLOSURE 66" AFF, (UON)
φ	NEMA 5-30R RECEPTACLE - 30A, 120V - CENTER MOUNTED 18" AFF, (UON)
Ф	DUPLEX RECEPTACLE - 20A, 120V - CENTER MOUNTED 18" AFF, (UON)
Фѕ	SOFFIT MOUNTED DUPLEX RECEPTACLE - 20A, 120V - FLUSH IN SOFFIT
#	QUAD RECEPTACLE - 20A, 120V - CENTER MOUNTED 18" AFF, (UON)
<b>\tilde{\Phi}</b>	NEMA 6-20R - 20A, 120V - CENTER MOUNTED AS INDICATED ON PLAN
◁	DATA OUTLET - WALL MOUNTED - UON BOTTOM TO BOTTOM 18" AFF COMMSPACE - GIGASPEED XL MGS400 SERIES - 700206725 MGS400-262
4	1 PORT SMB DATA AND FACE PLATE - WALL MOUNTED - UON BOTTOM TO BOTTOM 18" AFF COMMSPACE - M101 TYPE SURFACE MOUNT BOX, SINGLE PORT, WHITE - 107984015 M101SMB-B-262 WITH L TYPE FLUSH MOUNTED FACEPLATE - 108258427 M10L-262
<b>4</b> 2	2 PORT SMB DATA AND FACE PLATE - WALL MOUNTED - UON BOTTOM TO BOTTOM 18" AFF COMMSPACE - M102 TYPE SURFACE MOUNT BOX, DUAL PORT, WHITE - 1079840156 M102SMB-B-262 WITH L TYPE FLUSH MOUNTED FACEPLATE - 108168469 M12L-262
\$	SINGLE POLE SWITCH - 20A, 120V - REFER TO ARCH DRAWINGS FOR MOUNTING HEIGHTS
03	OCCUPANCY SENSOR - CEILING MOUNTED REFER TO LIGHTING PLAN FOR SPECIFICATIONS
Hos	OCCUPANCY SENSOR - WALL MOUNTED - ACUITY BRANDS - SPODMR WR REFER TO ARCH DRAWINGS FOR MOUNTING HEIGHTS
<u> </u>	CEILING OR WALL MOUNTED JUNCTION BOX - UON SIZE AS REQUIRED BY NEC
	MULTIPLE SERVICE FLOOR BOX COVER KIT: LEGRAND - RATCHET-PRO SERIES FLOOR BOX - RPAV3CTCBK (BLCK)

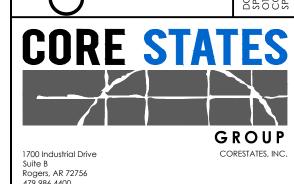
### GENERAL NOTES:

•	ALL ENDS OF CONDUIT SHALL HAVE BUSHING OR A COUPLING INSTALLED FOR THE PURPOSE OF PROVIDING PROTECTION OF CONDUCTORS. IN NO CASE ARE CONDUIT ENDS PERMITTED TO REMAIN OPEN.
•	ALL LOW VOLTAGE WIRING IN INACCESSIBLE AREAS SHALL BE INSTALLED IN METALLIC CONDUIT.
•	ALL WIRING FOR THE PURPOSE OF EMERGENCY SYSTEMS SHALL BE INSTALLED IN A SEPARATE CONDUIT SYSTEM INDEPENDENT OF OTHER SYSTEMS.
•	THERE SHALL BE SEPARATE IDENTIFIED NEUTRAL INSTALLED FOR EACH EMERGENCY LIGHTING CIRCUIT AND/OR EXIT LIGHTING CIRCUIT.
•	SECURELY FASTEN EACH RECESSED GRID LIGHT FIXTURE TO THE CEILING SYSTEM WITH APPROPRIATE SUPPORT BRACKETS AND CLIPS PER INDUSTRY STANDARDS. AT LEAST TWO CORNERS OF EACH FIXTURE SHALL BE SUPPORTED INDEPENDENTLY FROM ANY OTHER SUPPORTING SYSTEM.
•	REFER TO ARCHITECTURAL DRAWINGS FOR ALL LIGHT FIXTURE LAMP ORIENTATION.
•	ALL LIGHTING SHALL BE PROTECTED BY A MAXIMUM 20 AMP CIRCUIT BREAKER.
•	ALL BRANCH CIRCUIT CONDUCTORS SHALL BE CONNECTED BY MEANS OF A SCREW TERMINAL.
•	THE CONTINUITY OF ANY BRANCH CIRCUIT CONDUCTOR INCLUDING ANY IDENTIFIED GROUNDED CONDUCTOR SHALL NOT DEPEND UPON DEVICE CONNECTIONS, SUCH AS LAMPHOLDERS, RECEPTACLES, ETC., WHERE THE REMOVAL OF SUCH DEVICES WOULD INTERRUPT THE CONTINUITY.
•	DE-RATING OF THE NEUTRAL IS PROHIBITED.
•	THE USE OF AUXILIARY GUTTERS, WIREWAYS, RACEWAYS, AS ENCLOSURES FOR SERVICE ENTRANCE OR TAPPING OF SERVICE ENTRANCE CONDUCTORS IS STRICTLY PROHIBITED.
•	METAL IDENTIFICATION TAGS SHALL BE INSTALLED WHERE THE GROUNDING CONDUCTOR IS CONNECTED TO THE GROUNDING ELECTRODE.
•	ALL POWER, DATA AND SECURITY CONDUIT CONNECTIONS TO SYSTEMS FURNITURE PANELS SHALL BE BY THE ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH OWNER'S SYSTEMS FURNITURE VENDOR PRIOR TO ROUGH-IN, INSTALL FLUSH JUNCTION BOXES AT 8" MIN. AFF AND PROVIDE FLEXIBLE CONDUIT TO PARTITIONS SYSTEM RACEWAY
•	REFER TO ARCHITECTURAL DRAWINGS FOR ORIENTATION OF POWER, DATA AND SECURITY SYSTEMS JUNCTION BOXES AND MUD RINGS.
•	REFER TO ARCHITECTURAL DRAWINGS FOR ELECTRICAL, DATA, AND SECURITY DEVICE AND COVER PLATE COLORS.
•	ISOLATED GROUND RECEPTACLES SHALL BE ORANGE.
•	PENETRATIONS OF FLOORS, ROOF, WALLS AND WALL MEMBRANES REQUIRED TO HAVE FIRE-RESISTANCE RATINGS SHALL BE PROTECTED WITH THROUGH-PENETRATION FIRE STOPS SUITABLE FOR THE METHOD OF PENETRATION. MAINTAIN ALL FIRE RATINGS. THROUGH-PENETRATIONS FIRE STOPS SHALL BE TESTED IN ACCORDANCE WITH UL AND BUILDING CODE REQUIREMENTS.
•	ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENTLY ENFORCED NATIONAL ELECTRICAL CODE (NEC).
•	UNLESS OTHERWISE DICTATED BY APPLICABLE CODES OR THE AHJ, ALL MATERIALS WITHIN RETURN AIR PLENUM MUST BE NONCOMBUSTIBLE AND/OR HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX NOT MORE THAN 50 IN ACCORDANCE WITH ATSM E 84 TESTING.
•	UNLESS OTHERWISE NOTED, ALL RECEPTACLES SHALL BE MOUNTED AT 18" AFF. REFER TO ARCHITECTURAL ELEVATIONS FOR FINAL LOCATIONS AND MOUNTING HEIGHTS.
•	E.C. TO PROVIDE LABELS ON ALL RECEPTACLES (ELECTRICAL, DATA, AND SECURITY). COORDINATE LABEL NAMING CONVENTIONS WITH OWNER PRIOR TO INSTALLATION.
•	SECURITY/COMMUNICATION SYSTEM E.C. TO PROVIDE ROUGH-IN @ CONCEALED SPACES; ROUGH-IN TO CONSIST OF 3/4" CONDUIT, 4x4 BOXES AND SINGLE GANG RINGS (VERTICAL), LOW VOLTAGE VENDOR TO PROVIDE AND INSTALL SECURITY CABLING, COORDINATE WITH SECURITY VENDOR.
•	VERIFY ELECTRICAL REQUIREMENTS, CONNECTIONS, AND EXACT LOCATION OF CONNECTIONS. COORDINATE WITH VENDORS AND OWNER.
•	CONTRACTOR TO VERIFY ALL CONNECTION TYPES AND REQUIREMENTS PRIOR TO ROUGH-IN AND INSTALLATION.
•	CONTRACTOR SHALL VERIFY CIRCUIT BREAKER, DISCONNECT SWITCH, STARTER, AND FUSE SIZE WITH EQUIPMENT MANUFACTURER PRIOR TO PLACING ORDER AND PRIOR TO INSTALLATION.
•	AS PER THE NATIONAL ELECTRICAL CODE (NEC) SECTION 210.8(B) - ALL 15 OR 20 AMP RECEPTACLES SHALL HAVE GROUND FAULT CIRCUIT-INTERRUPTER PROTECTION. PROTECTION SHALL EITHER BE AT THE RECEPTACLE ITSELF OR PROVIDED BY THE CIRCUIT BREAKER. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.
•	REFER TO ARCHITECTURAL PLANS FOR FINAL LOCATIONS OF ALL EQUIPMENT.
•	THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING WITH OWNER AND VENDORS FOR ALL POWER TELEPHONE, DATA REQUIREMENTS AND CONNECTIONS.
•	THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH OWNER FOR ALL AUDIO/VISUAL AND
	TELECOMMUNICATIONS REQUIREMENTS.  ALL TELEPHONE/DATA CONNECTIONS SHALL BE COORDINATED WITH OWNER PRIOR TO

### GENERAL INFORMATION

- TEXT SHOWN ON PLANS ADJACENT TO LIGHTING FIXTURES SHALL DENOTE THE FOLLOWING:
   A UPPERCASE LETTER INDICATES FIXTURE TYPE
- a LOWERCASE LETTER INDICATES LIGHT SWITCH CONTROL
  1 NUMBER INDICATES BRANCH CIRCUIT NUMBER
- 2. LIGHT FIXTURE HATCHING SHALL BE INTERPRETED AS FOLLOWS:
- NORMAL BRANCH CIRCUIT
- EMERGENCY LIGHT FIXTURE WITH BATTERY BACKUP
- 3. NUMBERS SHOWN ON PLANS ADJACENT TO WIRING DEVICES INDICATE BRANCH CIRCUIT NUMBER.
- 4. STANDARD SYMBOLS SHOWN ON LEGEND MAY NOT APPEAR ON ALL PLANS. WHERE SYMBOL APPEARS ON PLANS FURNISH AND INSTALL AS SPECIFIED.

NATIONAL BANK
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IGINEER OF RECORD

JOHN FERGUSON, P.E. MINNESOTA LICENSE #: 46542

ISSUE DATE DESCRIPTION

- 10.22,2021 100% SET REVIEW

PROJECT INFORMATION

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: D. MULVANEY

C. SACCO

SHEET TITLE

CHECKED BY:

LEGEND, ABBREVIATIONS AND NOTES

SHEET NUMBER

E-000

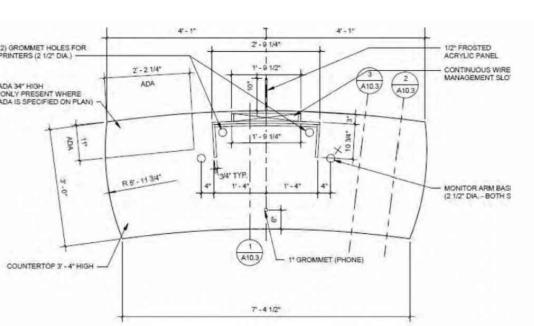










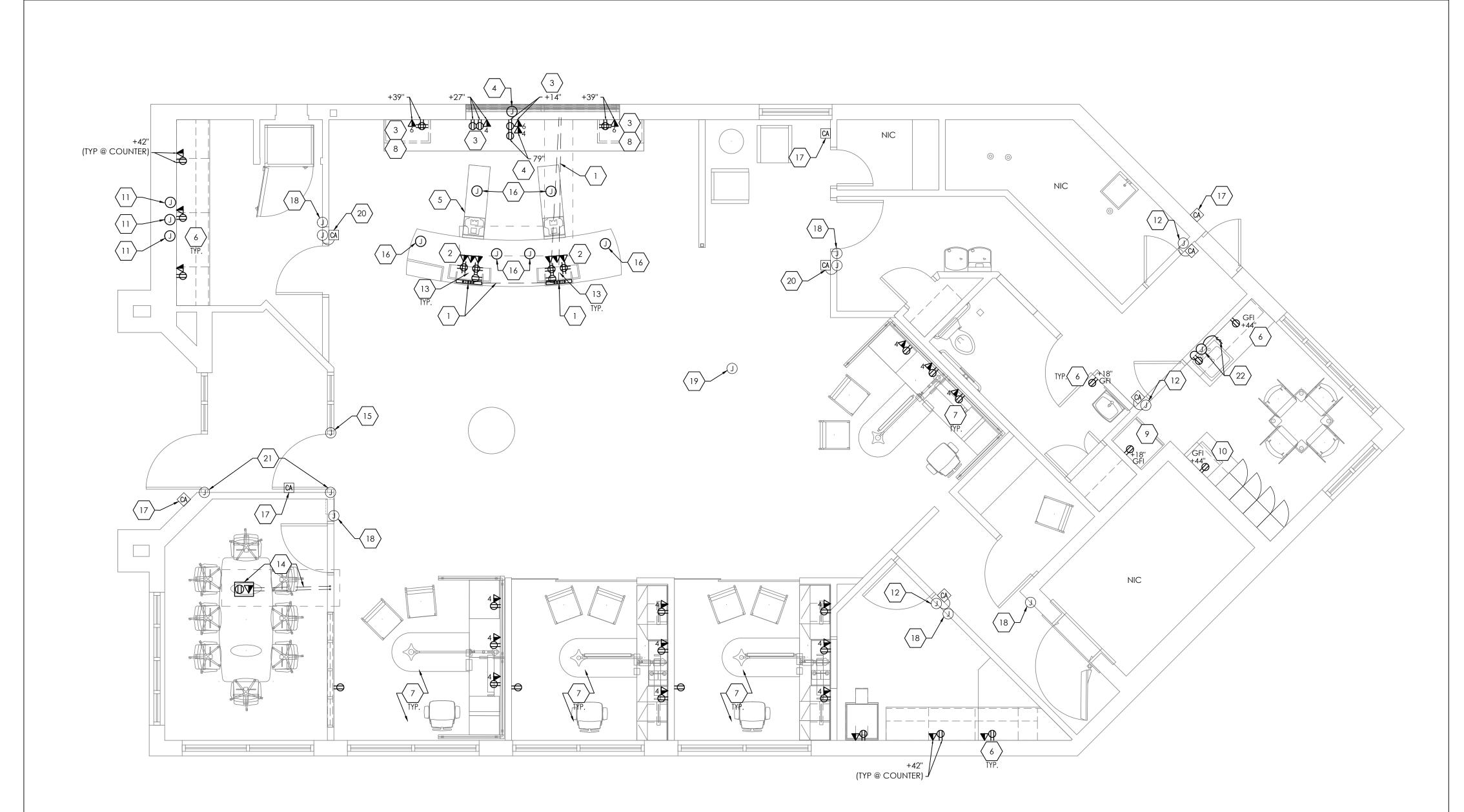


# TELLER POD KEY:

- REMOVABLE ACCESS PANEL
- ADA COUNTER
- CASH DRAWER
- COIN CABINET
- RECYCLER
- 5 CONDUIT PULLS (1) DATA, (1) SECURITY, (2) POWER, (1) SPARE
- - QUAD OUTLET FOR TELLER POD QUAD MOUNTED HALFWAY ON MILLWORK TO ALLOW FOR
- RECYCLER CLEARANCE DEDICATED DUPLEX FOR CASH RECYCLER
- . | QUAD OUTLET FOR TELLER POD QUAD MOUNTED HALFWAY ON MILLWORK TO ALLOW FOR

RECYCLER CLEARANCE

TELLER POD DETAILS NTS



POWER/DATA PLAN SCALE 1/4" = 1"

### GENERAL NOTES:

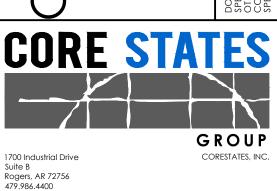
- ALL POWER CONNECTIONS TO FURNITURE (IF APPLICABLE) ARE TO BE BY THE ELECTRICAL CONTRACTOR. FINAL DATA/COMMUNICATION CABLING AND CONNECTIONS ARE TO BE BY OTHERS, COORDINATE EXACT LOCATIONS AND CONNECTION REQUIREMENTS WITH THE FURNITURE SUPPLIER/INSTALLER PRIOR TO ROUGH-IN.
- IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO RUN CONDUIT AND WIRING TO ALL APPROPRIATE SECURITY EQUIPMENT LOCATIONS PRIOR TO INSTALLATION. SECURITY VENDOR WILL CONNECT DEVICES. REFER TO SECURITY VENDOR DRAWINGS FOR ADDITIONAL
- ELECTRICAL CONTRACTOR TO VERIFY THAT THE EXISTING PANELS HAVE THE CAPACITY TO ACCOMMODATE ANY ADDITIONAL/NEW LOADS.
- | ELECTRICAL CONTRACTOR SHALL UPDATE ALL EXISTING PANEL SCHEDULES IN FIELD AND REPRINT REVISED COPY OF SCHEDULES AS REQUIRED.
- ALL EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CONNECTION TO EXISTING BUILDING FACP. RELOCATE DEVICES IF REQUIRED.
- REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION SCOPE OF WORK.

TELLER POD MANUFACTURER/VENDOR PRIOR TO ROUGH-IN.

- REPLACE ANY EXISTING TO REMAIN DEVICES WITH WHITE DEVICE AND WHITE COVER PLATE.

- PROVIDE FIVE (5) 1" CONDUITS UNDERGROUND IN SAW-CUT FLOOR FOR ELECTRICAL/DATA COMPONENTS TO EACH NEW TELLER POD LOCATION: (2) CONDUITS FOR POWER, (1) CONDUIT FOR DATA, (1) CONDUIT FOR SECURITY, AND (1) CONDUIT FOR FUTURE EQUIPMENT/COMPONENTS. CONDUIT SHALL STUB-UP AND BE CUT FLUSH WITH FLOOR. COORDINATE ALL INSTALLATION REQUIREMENTS AND FINAL LOCATIONS WITH OWNER AND
- PROVIDE POWER/DATA TO NEW TELLER POD LOCATION AS REQUIRED. PROVIDE POWER/DATA FROM EXISTING CIRCUIT/DATA PORT FEEDING TELLER LINE BEING DEMOLISHED. ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT FEED IN FIELD HAS SPARE CAPACITY FOR NEW LOAD. IF NO SPARE CAPACITY IS AVAILABLE, EC SHALL PROVIDE NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE. DEDICATED CIRCUITS ARE REQUIRED FOR CASH RECYCLER AND TELLER POD EQUIPMENT. REFER TO DETAIL 2 FOR REFERENCE AND ADDITIONAL INFORMATION.
- PROVIDE POWER/DATA TO NEW BRANDING WALL LOCATION EQUIPMENT AS REQUIRED. REUSE POWER/DATA CIRCUITS/DATA PORT FEEDING RENOVATED AREA AS NEEDED. ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT FEEDS IN FIELD AND CONFIRM SPARE CAPACITY FOR NEW LOADS. IF NO SPARE CAPACITY IS AVAILABLE, EC SHALL PROVIDE NEW 20A CIRCUIT BREAKERS DEDICATED TO NEW LOADS IN NEAREST 120V PANELBOARD SERVING THE SPACE. COORDINATE FINAL LOCATIONS WITH ARCHITECTURAL DRAWINGS AND OWNER PRIOR TO INSTALLATION AS REQUIRED.
- PROVIDE JUNCTION BOX CENTERED ON BRANDING WALL FOR POWER AND DATA CONNECTION TO NEW BRANDING WALL MONITOR. CONNECT NEW MONITOR TO AN EXISTING DEDICATED AREA CIRCUIT AS REQUIRED. EC TO FIELD VERIFY THAT EXISTING AREA CIRCUIT HAS SPARE CAPACITY FOR ADDITIONAL/NEW LOAD. IF NO SPARE CAPACITY IS AVAILABLE, EC SHALL PROVIDE NEW RECEPTACLE AND NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE. FINAL LOCATION OF JUNCTION BOX AND MONITOR POWER/DATA OUTLETS TO BE VERIFIED IN FIELD AND INSTALLED AS PER MARKETING PLAN. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.
- RELOCATE EXISTING CASH RECYCLER TO NEW TELLER POD LOCATION. RECONNECT TO EXISTING CIRCUIT FEEDING EQUIPMENT AS REQUIRED. PROVIDE NEW WIRING IN NEW DEDICATED UNDERGROUND CONDUIT.
- PROVIDE POWER FROM EXISTING ROOM CIRCUIT CAPABLE OF HANDLING ADDITIONAL LOAD. IF NO SPARE CAPACITY IS AVAILABLE, CONTRACTOR SHALL PROVIDE NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE.
- PROVIDE POWER/DATA TO OFFICE/OFFICE DESK AS REQUIRED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD SERVING SPACE AS REQUIRED. PROVIDE NEW CONDUIT/WIRING TO POWER/DATA OUTLET LOCATIONS AS REQUIRED.
- EXISTING TELLER AREA ATM TUBE SYSTEM TO BE REROUTED AND RELOCATED TO NEW BRANDING WALL TWO-WAY SYSTEM MONITOR LOCATION AS REQUIRED. REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND COORDINATE FINAL LOCATION OF ATM TUBES WITH OWNER PRIOR TO THE COMMENCEMENT OF WORK.
- | ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING BREAK ROOM REFRIGERATOR POWER RECEPTACLE AND CIRCUIT IN FIELD. IF REQUIRED, PROVIDE NEW POWER FOR REFRIGERATOR FROM EXISTING 120V PANELBOARD AND CIRCUIT CAPABLE OF HANDLING ADDITIONAL LOAD. IF NO SPARE CAPACITY IS AVAILABLE, CONTRACTOR SHALL PROVIDE NEW 20A CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING THE SPACE.
- 10. PROVIDE POWER TO BREAKROOM MICROWAVE AS REQUIRED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN NEAREST 120V PANELBOARD SERVING SPACE AS REQUIRED.
- RELOCATE (2) EXISTING SIGN WIRING JUNCTION BOXES TO ACCESSIBLE AREA IN WALL ABOVE COUNTER, INSIDE WALL CABINET, OR ABOVE CEILING AS REQUIRED. CONTRACTOR TO USE MEANS AND METHODS TO RELOCATE TO MOST EFFECTIVE OPTION. VERIFY FINAL CONNECTIONS IN FIELD AND RECONNECT TO EXISTING CIRCUIT AS REQUIRED. REMOVE ANY BOXES THAT ARE NO LONGER IN USE.
- 12. PROVIDE JUNCTION BOX FOR NEW CARD ACCESS READER. CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING TO 18" ABOVE FINISHED CEILING IN RACEWAY TO CARD ACCESS LOCATION. CARD ACCESS PROVIDED AND INSTALLED BY OWNER.
- 13. INSTALL DEVICES TO TELLER POD AS INDICATED: (2) QUAD RECEPTACLES TO BE MOUNTED 2" ON INSIDE LAMINATE EDGE OF CASH RECYCLER AND 3" BELOW TOP COUNTER PANEL, (1) DUPLEX RECEPTACLE FOR CASH RECYLCER, (1) DUPLEX RECEPTACLE INSTALLED IN FAR LEFT AND RIGHT OPENINGS IN TELLER POD MOUNTED TO BACK OF OPENING. (3) DATA JACKS TO BE MOUNTED TO UNDERSIDE OF TOP COUNTER PANEL, SECURITY OUTLETS. SECURITY OUTLETS/COMPONENTS TO BE MOUNTED/INSTALLED BY OTHER TO UNDERSIDE OF TOP COUNTER PANEL AND SIDE PANELS AS REQUIRED. VERIFY FINAL LOCATIONS WITH DEVICES WITH TELLER POD VENDOR AND OWNER AS REQUIRED PRIOR TO INSTALLATION. REFER TO DETAIL 2 FOR REFERENCE AND ADDITIONAL
- 14. INSTALL FLOORBOX BENEATH CONFERENCE ROOM TABLE. ROUTE POWER/DATA CONDUITS UNDERGROUND FROM NEAREST WALL TO FLOOR BOX LOCATION AS REQUIRED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD SERVING SPACE AS REQUIRED. PROVIDE NEW WIRING TO FLOORBOX LOCATION. COORDINATE WITH OWNER AND ARCHITECTURAL DRAWINGS FOR FINAL LOCATION AND FINISHES AS
- 15. CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING FROM JUNCTION BOX LOCATED 18" ABOVE FINISHED CEILING IN RACEWAY INTO DOOR FRAME. JUNCTION BOX TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS
- 16. CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING FROM CLOSEST SOFT CEILING TO JUNCTION BOX LOCATED 18" ABOVE FINISHED CEILING IN RACEWAY. JUNCTION BOX TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED.
- $\mid$  17.  $\mid$  Card access reader is existing to remain. Maintain connections as required.
- 18. CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING FROM 18" ABOVE FINISHED CEILING IN RACEWAY TO JUNCTION BOX LOCATION. JUNCTION BOX TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED.
- 19. CONTRACTOR TO PROVIDE A MINIMUM OF TWO 3" CONDUITS AND ONE 4" CONDUIT W/PULLSTRING FROM IT ROOM TO ABOVE ACCESSIBLE CEILING IN LOBBY SPACE FOR FUTURE SECURITY WIRING TO BE DISTRIBUTED THROUGHOUT SPACE. ROUTE AND TERMINATE A JUNCTION BOX ABOVE ACCESSIBLE CEILING. COORDINATE WITH OWNER AND SECURITY VENDOR FOR FINAL INSTALLATION LOCATIONS AND REQUIREMENTS AS REQUIRED.
- 20. EXISTING CARD READER TO BE UNINSTALLED FROM LOCATION AND REINSTALLED TO NEW WALL. PROVIDE JUNCTION BOX AS REQUIRED. RECONNECT/PROVIDE NEW CONDUIT AND WIRING FOR CARD READER CONNECTION AS REQUIRED. COORDINATE FINAL LOCATION WITH OWNER.
- CONTRACTOR TO PROVIDE CONDUIT W/ PULLSTRING TO 18" ABOVE FINISHED CEILING IN RACEWAY INTO DOOR JAM FOR CONNECTION TO DOOR POWER SUPPLY, CONTRACTOR TO PREPARE DOOR JAM TO RECEIVE ELECTRIC STRIKE. JUNCTION BOX FOR CONNECTION TO BE PROVIDED BY OWNER. COORDINATE FINAL INSTALLATION LOCATIONS AND REQUIREMENTS WITH OWNER AS REQUIRED. PROVIDE POWER FOR DOOR SUPPLY FROM NEAREST AVAILABLE 120V CIRCUIT BREAKER CAPABLE OF HANDLING NEW LOADS.
- 22. | Provide Power to New Break Room Sink Disposal. Contractor shall provide a 15a MINIMUM RATED ON/OFF SWITCH AND POWER CORD/RECEPTACLE AS NEEDED. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING PANELBOARD CIRCUIT HAS SPARE CAPACITY TO HANDLE ADDITIONAL/NEW LOAD AND PROVIDE NEW 20A/1P CIRCUIT BREAKER IN PANELBOARD SERVING SPACE AS REQUIRED. ROUTE NEW CONDUIT AND WIRING TO JUNCTION BOX AS SHOWN. COORDINATE FINAL INSTALLATION LOCATION AND REQUIREMENTS WITH OWNER AND

PLYMOUTH



JOHN FERGUSON, P.E.

LICENSE #: 46542

JE	DATE	DESCRIPTION
-	10.22.2021	100% SET REVIEW

PROJECT INFORMATION PROJECT NO: 05.18.202 AS NOTED DRAWN BY: D. MULVANEY

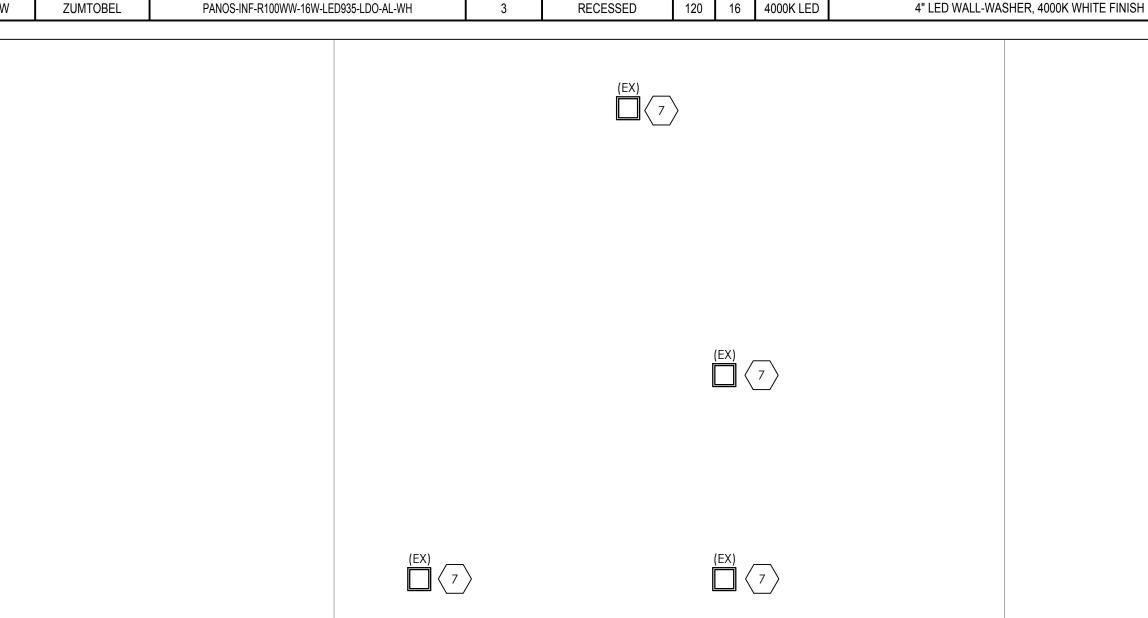
C. SACCO

CHECKED BY:

POWER/DATA PLAN

SHEET NUMBER

#### LIGHT FIXTURE SCHEDULE CATALOG NUMBER QUANTITY VOLT VA LAMP DATA DESCRIPTION MANUFACTURER MOUNTING LITHONIA 2RTL2-40EL-EZ1-LP835 RECESSED 120 | 41.4 | 4000K LED 2X2 RECESSED 4000K LED TROFFER A-EM 120 41.4 3500K LED "A" FIXTURE WITH 1400 NOMINAL LUMEN EMERGENCY BATTERY PACK LITHONIA 2RTL2-40EL-EZ1-LP835-EL14L 12 RECESSED PANOS-D-N-150-R-L-11W-835-CS-W (TRIM) 6" ROUND RECESSED LED LENSED DOWNLIGHT - WHITE FLANGE FINISH ZUMTOBEL RECESSED 4000K LED PANOS-FE-150DL-R-11W-DA1 (DRIVER) IN GRID/HARD CEILING PANOS-D-N-150-R-L-11W-835-CS-W (TRIM) C-EM 120 11 4000K LED ZUMTOBEL RECESSED "C" FIXTURE WITH EMERGENCY BATTERY BACKUP PANOS-FE-150DL-R-11W-DA1-EM (DRIVER) CEILING MOUNT SINGLE FACE LED EXIT SIGN WITH 90 MIN BATTERY LITHONIA LRP-W-1-RC-120/277-ELN CEILING LED BACKUP AND CLEAR WITH RED LETTERING 'CILANDRO LED' PENDANT. MOUNT TO BOTTOM OF FIXTURE 39" ABOVE 10 3000K LED ET2 E63109-11SN PENDANT FINISHED CONTERTOP SURFACE LITHONIA ZL1N-L24-1500LM-FST-MVOLT-35K-80CRI-WH-LSXR WALL 120 | 18 | 3500K LED 2' LED LENSED UTILITY LIGHT W/ OCCUPANCY SENSOR





### ELECTRICAL GENERAL NOTES:

- REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION SCOPE OF WORK.
- LIGHT FIXTURES LABELED "(EX)" ARE EXISTING TO REMAIN. MAINTAIN ALL EXISTING CONNECTIONS AND CONTROLS.
- REPLACE ANY EXISTING TO REMAIN DEVICES WITH WHITE DEVICE AND WHITE COVER PLATE.
- ALL EXIT LIGHTS SHALL BE CONNECTED TO THE CIRCUIT ON THE LINE SIDE OF THE LOCAL LIGHTING SWITCH.
- ALL EMERGENCY BATTERY FIXTURES (HATCHED FIXTURES) SHALL BE CONTROLLED BY THE LOCAL LIGHTING SWITCH AS INDICATED. EXTEND BATTERY WIRING TO THE LINE SIDE OF THE LOCAL LIGHTING SWITCH AND CONNECT FOR PROPER EMERGENCY BALLAST OPERATION.
- ALL PENDANT FIXTURES IN THE PUBLIC LOBBY AREA ARE TO BE CONNECTED TO A CONSTANT-ON CIRCUIT. EXACT LOCATIONS OF PENDANT FIXTURES ARE TO BE COORDINATED WITH THE ARCHITECTURAL FURNITURE LAYOUT.
- SECURELY FASTEN EACH RECESSED GRID LIGHT FIXTURE TO THE CEILING SYSTEM WITH
   APPROPRIATE SUPPORT BRACKETS AND CLIPS PER INDUSTRY STANDARDS, CODE AND ALL LOCAL
   CODES
- A MAXIMUM OF 3 HOMERUNS MAY BE GROUPED TOGETHER IN ONE CONDUIT AND SHARE A
   COMMON NEUTRAL PROVIDED THE HOMERUNS ARE DIFFERENT PHASES. IF BRANCH CIRCUITS ARE
   GROUPED THEY MUST ALL BE CONTROLLED BY THE SAME MULTI-POLE BREAKER PER NEC.210.4.

### | # ELECTRICAL KEY NOTES:

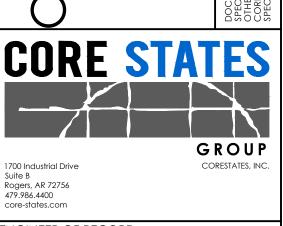
LIGHTING PLAN  $\frac{\text{SCALE}}{1/4'' = 1'}$ 

1. PROVIDE NEW LIGHTING FIXTURE AND CONNECT TO EXISTING AREA LIGHTING CIRCUIT. ELECTRICAL CONTRACTOR SHALL VERIFY EXISTING LIGHTING CIRCUITS IN FIELD. PROVIDE NEW CONDUIT/WIRING AS REQUIRED FOR NEW CONNECTION FROM EXISTING CIRCUIT BREAKER.

- 2. CONNECT NEW LOBBY/HALLWAY LIGHTING FIXTURES TO NEW AREA LIGHTING CONTROLS AS INDICATED. ELECTRICAL CONTRACTOR SHALL PROGRAM NEW FIXTURES/CONTROLS AS
- RELOCATE DRIVE THRU LIGHTING AND OPEN/CLOSE LANE CONTROL SWITCHES TO LOBBY FROM IT ROOM, RECONNECT DEVICES TO EQUIPEMENT AS REQUIRED. COORDINATE FINAL LOCATION
- WITH OWNER PRIOR TO ROUGH-IN.

  4. PROVIDE NEW CEILING MOUNTED OCCUPANCY SENSOR WITH WALL MOUNTED MANUAL ON/OFF LOW VOLTAGE OVERRIDE SWITCH FOR CONTROL OF NEW ROOM LIGHT FIXTURES. OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR 30 MINUTES OF INACTIVITY PRIOR TO
- 5. PROVIDE NEW WALL MOUNTED OCCUPANCY SENSOR WITH PIR OR U/S AUTOMATION FOR CONTROL OF NEW ROOM LIGHT FIXTURES. OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR 30 MINUTES OF INACTIVITY PRIOR TO SHUT-OFF.
- S. NIGHT LIGHTS SHALL BE CONNECTED AHEAD OF SWITCHES AND OCCUPANCY SENSORS. NIGHT LIGHTS ARE INDICATED BY "NL".
- EXISTING DRIVE-THRU LIGHT FIXTURES SHALL BE REMOVED AND REINSTALLED IN PLACE DUE TO DRIVE-THRU CANOPY RENOVATION/RESTORATION. RECONNECT TO EXISTING LIGHTING CIRCUIT AND CONTROLS AS REQUIRED.
- 8. PROVIDE SWITCHBANK FOR CONTROL OF PROPOSED LOBBY, TELLER, BRAND WALL AND HALLWAY LIGHTING. COORDINATE FINAL LOCATION OF SWITCHES WITH ARCHITECTURE DRAWINGS AND OWNER PRIOR TO INSTALLATION. LABEL NEXT TO SWITCHES INDICATE THE LIGHTING ZONE BEING CONTROLLED.

LD NATIONAL BANK
PLYMOUTH



JOHN FERGUSON, P.E.

MINNESOTA LICENSE #: 46542

SSUE DATE DESCRIPTION
- 10.22.2021 100% SET REVIEW

PROJECT INFORMATION
PROJECT NO: ONB.32396
DATE: 05.18.2021

SCALE: AS NOTED
DRAWN BY: D. MULVANEY
CHECKED BY: C. SACCO

SHEET TITLE

LIGHTING PLAN

SHEET NUMBER

E-200

	PA	<b>NELBOA</b>	RD:	PF	<sup>2</sup> 1 (	EXI	STING)			
BUS AMPS: 225A		EQUIPMENT GROUND	BUS							
MAIN SIZE/TYPE: 225A MCB		FAULT CURRENT: EXISTING TO REMAIN  AIC RATING: EXISTING								
VOLTS/PHASE: 208Y/120V, 3PH, 4W	PANEI	L SCHEDULE					ENCE ONLY			
SERVES: BLDG										
LOCATION: ELECTRICAL ROOM	L ROOM MOUNTING: SURFACE									
CKT DESCRIPTION	VA/PHASE	WRE E	BKR F	Ρ	BKR	WRF	VA/PHASE	= T	DESCRIPTION	CKT
NO.	A B	C NO. A			AMP		АВ	С		NO.
1 tel-air	, ,			1 1	20			` <b>.</b>	recepts, teller	2
3 atm	•		20 1	1 1	20		•	*	recepts. teller	
5 plugmold			20 1	1 1	20		4		ewc	_
7 plugmold	*	*	20 1	1 1	20		*	,	plugmold	
9 plugmold	,	,	20 1	1 1	20			•	plugmold	
11 plugmold	<b>1</b>		20 1	1 1	20		*		receptalces	12
13 receptacles	3	4	20 1	1	20		•	3	receptacles	14
15 o.s. receptacle	1		20 1	1 1	20		1	*	receptacles	16
17 lighting	,		20 1	1 1	20		,		microwave	18
19 lighting	,			1	20		,	*	refrigerator	20
21 lighting	•		20 1	1	20		•	•	receptacles	
23 lighting hps	, ,		20 1	1 1	20				tel. receptacles	24
25 lighting	,		20 1	1	20		,		u.f. duct	26
27 lighting	•		20 1	1 1	20		3	•	dymark comp rm.	28
29 conf. rm. exh.	1		20 1	' '	20		, ,		vcr power	
31 sign lgt. "b"	Programme Company		20 1	<u>'</u>	20		•	•	island atm	
33 canopy light "a"	•	8800088000888008	20 1		20		1	1	marketing tv	
35 security "c"	1		20 1		20		, ,		spare	
37 Itg - vestibule	000000000000000000000000000000000000000		20 1	1 1	20		*	,	tcr mach	38
39 Itg - tellers	•		20 1		20		`	,	coin mach	
41 space	, ,		1	1					space	42
SUBTOTAL									SUBTOTAL	
TOTAL PHASE A - VA		ONN. VA	DF	LO	AD		CONN. VA			
AMPS	COOLING	1	1.00	RE	FRIGE	RATIO	N	1.00		
TOTAL PHASE B - VA	HEATING		0		GN/DIS			1.25		
AMPS	LIGHTING		1.25	KI	CHEN	l		1.00		
TOTAL PHASE C - VA	RECEPTACLES	1	.0/.5		ISTING			1.00		
AMPS	MOTORS	[1	1.00	LA	RGE M	OTOR	1	1.25	TOTAL DEMAND	
TOTAL PNLBD - VA	SUPP HEAT		1.00		IOW W		N	1.25		
AMPS	MISC EQUIP	1	1.00	LT	G TRA	CK		1.00		

LOWER CASE LETTERIN	G INDICA	TES	EXISTING	CIRCUIT

		A N I = 1	<del></del>		_				0.71116				
PANELBOARD: PP2 (EXISTING)									UD DI 10				
BUS AMPS: 225A	FAULT CURRENT: EXISTING TO REMAIN EQUIPMENT GROUND BUS												
MAIN SIZE/TYPE: 225A MCB	544	IEL 0011		CRAT					SENOE OF				
VOLTS/PHASE: 208Y/120V, 3PH, 4W	PAN	NEL SCHE	-DULE	IS SF	IOV	/VIN	FOR F	KEFER	RENCE OF	NLY			
SERVES: BLDG				~ · · · · · · · · ·		٠.		_					
LOCATION: ELECTRICAL ROOM				ITNUC									
CKT DESCRIPTION	VA/PHASE			BKR	Р	Р		<b>MRE</b>	\	/A/PHASI		DESCRIPTION	CKT
NO.	A B	С	NO.	AMP			<b>AMP</b>	NO.	Α	В	С		NO.
1 electric heater vestibule		•		20	2	1	20			•	,	kiosk power lane 4	2
3	,	*				1	20		*			kiosk power lane 3	4
5 electric heater baseboard	*			20	2	1	20		•	1		kiosk power lane 2	6
7	*	•				1	20					alarm	8
9 lights (pole lights)		,		20	2	1	20		*			spare	10
11	,					1	20		,	•		spare	12
13 air conditioning ac-1	1	*		40	2	1	20				,	lighting	14
15	•	,				1	20		1		•	fire alarm	16
17 air conditioning ac-2				40	2	1	20		•			lighting	18
19		*				1	20			•	3	lighting	20
21	•	,				1	20		,		•	lighting	22
23 spare	*			20	3	1	20		1	•		spare	24
25	•	*				1	20			•		spare	26
27	•	•				1	20		4			spare	28
29 spare	*			20	3	1	20		1	•		4-plax mech	30
31		•				1	20			•		sign	32
33	•	•				1	20		*		,	spare	34
35 spare				20	3	1	20		•			spare	36
37		•				1	20			١.		fire air comp	38
39 space					1	1					1	space	40
41 space					1	1			,	•		space	42
SUBTOTAL				•								SUBTOTAL	·
TOTAL PHASE A - VA	LOAD	CONN. V	/Δ	DF		LO	ΔD		C	ONN. VA	DF		
AMPS	COOLING	COIVIV. V		1.00			FRIGE	RATIO		ONIN. VA	1.00	=	
TOTAL PHASE B - VA	HEATING			0			SN/DIS				1.25	1	
AMPS			1.25			CHEN				1.00	-		
TOTAL PHASE C - VA	RECEPTACLES			1.0/.5		EXISTING					1.00	-	
AMPS	MOTORS			1.00			RGE MOTOR		?		1.25	TOTAL DEMAND	$\neg$
TOTAL PNLBD - VA	SUPP HEAT	***************************************		1.00 SHOWWND				• •				$\dashv$	
AMPS			1.00			G TRA				1.00		$\dashv$	

LOWER CASE LETTERING INDICATES EXISTING CIRCUIT

### ELECTRICAL GENERAL NOTES:

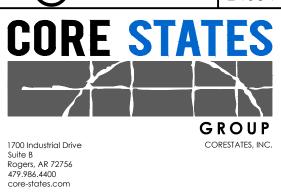
- 130.5(c) VOLTAGE DROP: THE MAXIMUM COMBINED VOLTAGE DROP ON BOTH INSTALLED FEEDER CONDUCTORS AND BRANCH CIRCUIT CONDUCTORS TO THE FARTHEST CONNECTED LOAD OR OUTLET SHALL NOT EXCEED 5 PERCENT.
- ELECTRICAL CONTRACTOR SHALL VERIFY ALL EXISTING TO REMAIN CIRCUITS IN FIELD.
- FOR CIRCUITS BEING REMOVED, ELECTRICAL CONTRACTOR TO VERIFY EXISTING CIRCUIT AND DEMOLISH CONDUIT/WIRING BACK TO PANEL AND CIRCUIT BREAKER.
- ELECTRICAL CONTRACTOR SHALL VERIFY SPARE CAPACITY OF EXISTING PANELBOARDS AS
   REQUIRED TO ACCOMMODATE NEW/ADDITIONAL LOADS BEING ADDED TO EXISTING SYSTEM.

OLD NATIONAL BANK

PLYMOUTH

3950 VINEWOOD LANE
PLYMOUTH, MN 55441

DOCUMENTS PREPARED BY CORESTATES, INC., INCLUDING THIS DOCUMENT, ARE TO BE USED ONLY FOR THE SPECIFIC PROJECT AND SPECIFIC USE FOR WHICH THEY WERE INTENDED. ANY EXTENSION OF USE TO ANY
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NGINEER OF RECORD

JOHN FERGUSON, P.E. **Minnesota** License #: 46542

ISSUE DATE DESCRIPTION
- 10.22.2021 100% SET REVIEW

PROJECT INFORMATION

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

D. MULVANEY

C. SACCO

CHECKED BY:
SHEET TITLE

DRAWN BY:

PANEL SCHEDULES

SHEET NUMBER

E-300

PROT	ECTION CRITE	IRIA LEC	SEND BASED	ON 2013 NFPA 13
OCCUPANCY CLASSIFICATION	DENSITY	HOSE ALLOWANCE (GPM)	MAXIMUM SPRINKLER SPACING (SQ FT)	DESIGN BASIS
BANKING FLOOR/RESTROOMS/OFFICES (LIGHT HAZARD)	0.10/1500 SQ FT	100	225	LIGHT HAZARD, 13: 11.2.3.1.1 , FIGURE 11.2.3.1.1 AND TABLE 11.2.3.1.2
JANITORS CLOSET/STORAGE (ORDINARY HAZARD I)	0.15/1500 SQ FT	250	130	ORDINARY HAZARD, 13: 11.2.3.1.1 , FIGURE 11.2.3.1.1

# GENERAL PIPING AND DEMOLITION NOTES

- 1. CONTRACTOR MUST VISIT THE BUILDING TO DETERMINE THE FULL EXTENT OF THE EXISTING FIRE PROTECTION WORK AND EXISTING CONDITIONS, BECOME TOTALLY FAMILIAR WITH THE DISCONNECTIONS, REMOVALS, RELOCATIONS AND/OR RECONNECTIONS OF EXISTING FIRE PROTECTION EQUIPMENT REQUIRED, AND CONDITIONS IN THE PROPOSAL FOR THIS PROJECT. NO EXTRA COMPENSATION WILL BE PAID FOR LACK OF SUCH DETERMINATION, FAMILIARIZATION, AND/OR ALLOWANCE.
- 2. UNLESS NOTED OTHERWISE, DISCONNECT AND REMOVE ALL EXISTING FIRE PROTECTION COMPONENTS NOT INTENDED TO BE REUSED.
- 3. REMOVE ALL DEMOLITION MATERIALS AND DEBRIS TO AN APPROVED DUMPING SITE AND CLEAN ALL FIRE PROTECTION WORK PRIOR TO PROJECT COMPLETION.
- 4. PERFORM ALL WORK ACCORDING TO THE PROJECT PHASING SCHEDULE INFORMATION FOR THIS PROJECT. PROVIDE ALL NECESSARY FIRE PROTECTION WORK, TEMPORARY AND/OR OTHERWISE, AND USE WHATEVER MEANS NECESSARY, TO CONFORM TO THE REQUIRED CONSTRUCTION PHASING OF THE PROJECT.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING OR REPLACING ITEMS DAMAGED DURING DEMOLITION AND CONSTRUCTION.
- 6. CONTRACTOR SHALL PATCH ALL HOLES TO MATCH ADJACENT SURFACES LEFT UNUSED AFTER EXISTING SPRINKLER PIPING OR EQUIPMENT IS REMOVED AND VACATED FROM THESE HOLES.
- 7. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING FIRE DEPARTMENT ACCESS ROADS THROUGHOUT THE PROJECT.
- 8. SPRINKLER SYSTEMS NOT ASSOCIATED WITH THE DEMOLITION SHALL BE LEFT IN SERVICE.
- 9. ALL WORK SHALL BE PERFORMED SO AS TO NOT INTERRUPT SERVICE. THE CONTRACTOR SHALL PROPERLY NOTIFY THE LANDLORD, THE LESSOR AND THE ADJACENT TENANTS A MINIMUM OF 48 HOURS IN ADVANCE BEFORE PROCEEDING WITH THIS WORK. ALL WORK SHALL BE SCHEDULED IN ADVANCE
- 10. ALL SYSTEMS TO BE LEFT IN SERVICE PRIOR TO THE END OF EACH WORKDAY.

### GENERAL NOTES

- . THE DESIGN SHOWN ON THESE CONTRACT DOCUMENTS HAVE BEEN PREPARED TO PROVIDE GUIDANCE FOR BIDDING ONLY. THE CONTRACTOR SHALL SUBMIT FIRE SPRINKLER SHOP DRAWINGS FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION (AHJ). CONTRACTOR SHALL BASE SHOP DRAWING DESIGN ON THE FIRE PROTECTION DRAWINGS AND SPECIFICATIONS. SPRINKLER SYSTEM SHOP DRAWINGS SHALL INCLUDE ALL NECESSARY ELEVATIONS, HANGER LOCATIONS, PIPE LENGTHS, DIMENSIONS, FABRICATION METHODS, NOTES, MATERIAL DATA, AND ANY OTHER INFORMATION REQUIRED DESCRIBING THE INTENT OF THE INSTALLATION. CONTRACTOR SHALL PROVIDE PIPE SIZES, SPRINKLER SPACING, AND ALL SYSTEM CONFIGURATIONS AS SHOWN. ANY ALTERNATES TO THE DESIGN OF THE SYSTEM OR IN MATERIALS AND EQUIPMENT USED MUST BE APPROVED IN WRITING VIA THE REQUEST FOR INFORMATION PROCESS BY THE FIRE PROTECTION ENGINEER OF RECORD PRIOR TO ANY BIDDING, FABRICATION, OR INSTALLATION.
- 2. CONTRACTOR SHALL COORDINATE LOCATIONS OF FIRE PROTECTION COMPONENTS INCLUDING PIPING, ALARMS, DRAINS, TEST POINTS, ETC. WITH ALL ARCHITECTURAL, STRUCTURAL, MECHANICAL AND ELECTRICAL COMPONENTS. OBSTRUCTIONS TO SPRINKLERS DISCHARGE MUST BE CONSIDERED DURING SHOP DRAWING PRODUCTION AND INSTALLATION. EXTRA SPRINKLERS MAY BE REQUIRED AT NO ADDITIONAL COST TO THE OWNER. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- 3. SUBMIT A REQUEST FOR INFORMATION (RFI) FOR ALL QUESTIONS RELATED TO THE FIRE PROTECTION DOCUMENTS.
- 4. NEUTRALIZATION/DEMISING WALLS, IF APPLICABLE, ARE SHOWN ON ARCHITECTURAL DRAWINGS. REFER TO MECHANICAL DRAWINGS FOR NEUTRALIZATION WALL PENETRATIONS.
- 5. SPRINKLER SYSTEMS WILL BE MONITORED BY AN OFF-SITE CENTRAL STATION, INCLUDING TAMPER SWITCHES ON ALL CONTROL VALVES AND FLOW SWITCHES.
- 6. PENETRATIONS OF RATED WALLS OR ASSEMBLIES SHALL BE FIRE CAULKED WITH APPROVED CAULKING PER METHODS REQUIRED BY THE AHJ AND PROJECT SPECIFICATIONS.
- 7. THE FIRE PROTECTION ENGINEER OF RECORD WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CARRY OUT THE CONSTRUCTION WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, NOR SHALL THEY BE REQUIRED TO SUPERVISE THE CONDUCT OF THE WORK. THE CONSTRUCTION PROCEDURES AS SET FORTH BY THE GENERAL CONTRACTOR, SUBCONTRACTORS, THEIR RESPECTIVE EMPLOYEES OR ANY OTHER PERSON AT THE JOBSITE OTHER THAN THE ENGINEERING FIRM'S OWN EMPLOYEES.
- 8. THE CONTRACTOR MUST REVIEW ALL CONSTRUCTION DOCUMENTS PRIOR TO BID. SHOULD MODIFICATION TO THESE PLANS BECOME NECESSARY TO PROPERLY COORDINATE THE SYSTEM WITH OTHER TRADES, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN APPROVAL OF THESE CHANGES BY THE AHJ AND THE FIRE PROTECTION ENGINEER OF RECORD. IN ADDITION TO OBTAINING THE NECESSARY APPROVALS THE CONTRACTOR MUST MAKE NOTE OF ALL FIELD OR COORDINATION CHANGES ON THE INSTALLATION DRAWINGS. ONCE COMPLETE, THE CONTRACTOR SHALL SUPPLY ONE COPY OF THE AS—BUILT DRAWINGS TO THE FIRE PROTECTION ENGINEER OF RECORD FOR THEIR USE..
- 9. WHEN SYSTEM PRESSURES EXCEED 100 PSI, REFER TO NFPA FOR MAXIMUM ARM OVER LENGTHS AND HANGING INSTRUCTIONS.
- 10. PROVIDE A MINIMUM OF 5 PSI SAFETY FACTOR FOR HYDRAULIC CALCULATIONS OF SPRINKLER SYSTEMS. USE HIGHER SAFETY FACTOR WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.

# SPRINKLER CONTRACTOR NOTES

SPRINKLER CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL SPRINKLER WORK WITH CURRENT PHASING PLAN TO MINIMIZE DISRUPTION TO BUILDING DURING OPERATING HOURS.

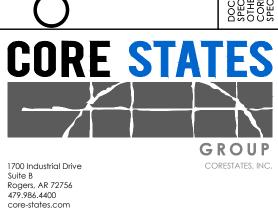
SPRINKLER CONTRACTOR TO MINIMIZE AND COORDINATE WITH BUILDING, ALARM COMPANY, AND AUTHORITIES ANY AND ALL DOWN TIME TO EXISTING SPRINKLER SYSTEM OR SYSTEMS.

SPRINKLER CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF AUTHORITIES FOR SHUTTING DOWN AND DRAINAGE OF EXISTING SPRINKLER SYSTEM OR SYSTEMS.

PRIOR TO BIDDING, SPRINKLER CONTRACTOR MUST OBTAIN VARIOUS INFORMATION FROM ANY AND ALL AUTHORITIES. THIS INFORMATION SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING:

- 1. ANY AND ALL REQUIREMENTS OR RESTRICTIONS BY AUTHORITIES TO ALLOW THE BUILDING TO OPERATE DURING DOWN TIME OF SPRINKLER SYSTEM OR SYSTEMS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ANY TIME RESTRICTIONS OR LIMITATIONS, OR IF A FIRE WATCH IS REQUIRED.
- 2. IN THE EVENT A FIRE WATCH IS REQUIRED BY THE AUTHORITIES, VERIFY WHAT WILL BE REQUIRED BY THE AUTHORITIES TO CARRY OUT THE FIRE WATCH.
- 3. ANY AND ALL REQUIREMENTS OR RESTRICTIONS BY AUTHORITIES FOR DRAINAGE OF WATER IN EXISTING SPRINKLER SYSTEM OR SYSTEMS. THIS SHALL INCLUDE BUT NOT BE LIMITED TO ANY REQUIREMENT TO TREAT WATER BEFORE ALLOWING TO MAKE CONTACT WITH GROUND, OR ANY REQUIREMENT TO CONTAIN WATER FROM EXISTING SPRINKLER SYSTEM AND DISPOSE OF AT ALTERNATE LOCATION.

# NATIONAL BANK PLYMOUTH 3950 VINEWOOD LANE PLYMOUTH, MN 55441



ENGINEER OF RECORD

ISSUE DATE DESCRIPTION

PROJECT INFORMATION

PROJECT NO: ONB.32396

DATE: 05.18.2021

SCALE: AS NOTED

DRAWN BY: C.ORR

SHEET TITLE

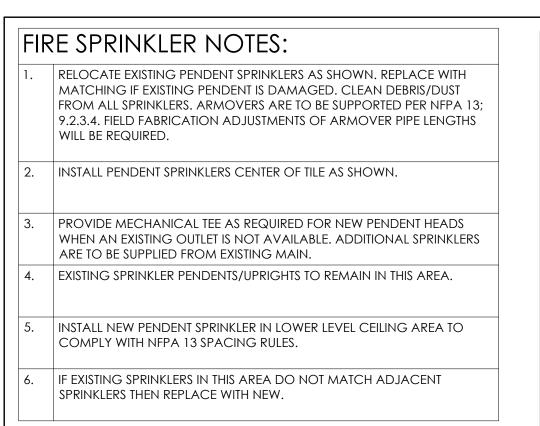
CHECKED BY:

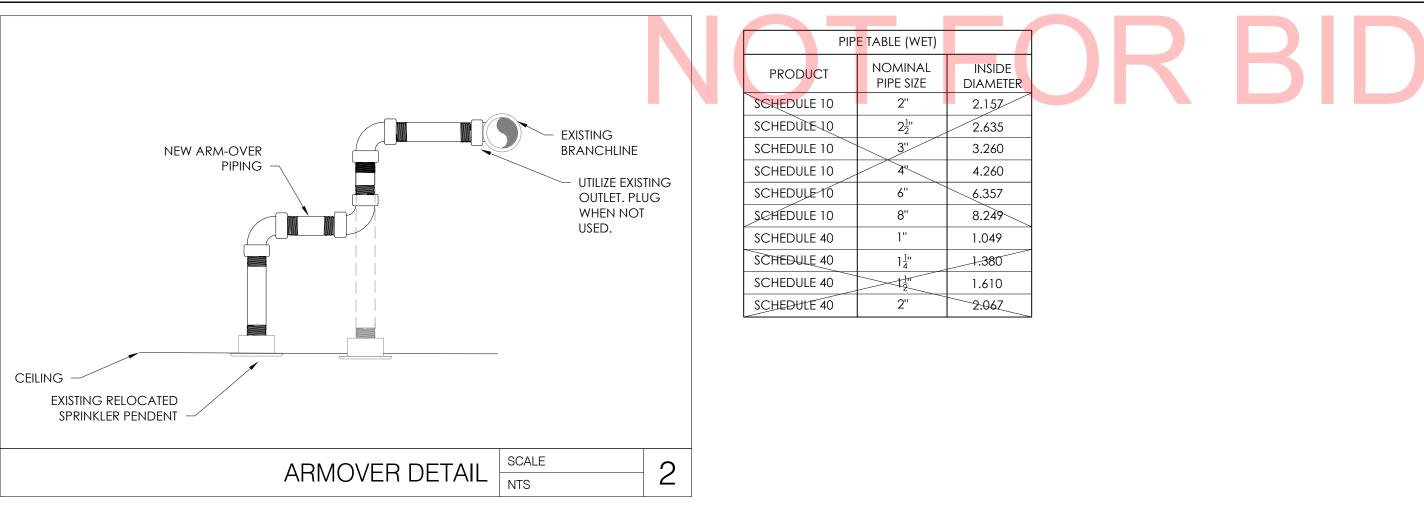
FIRE SPRINKLER GENERAL NOTES

D.LEIFFER

SHEET NUMBER

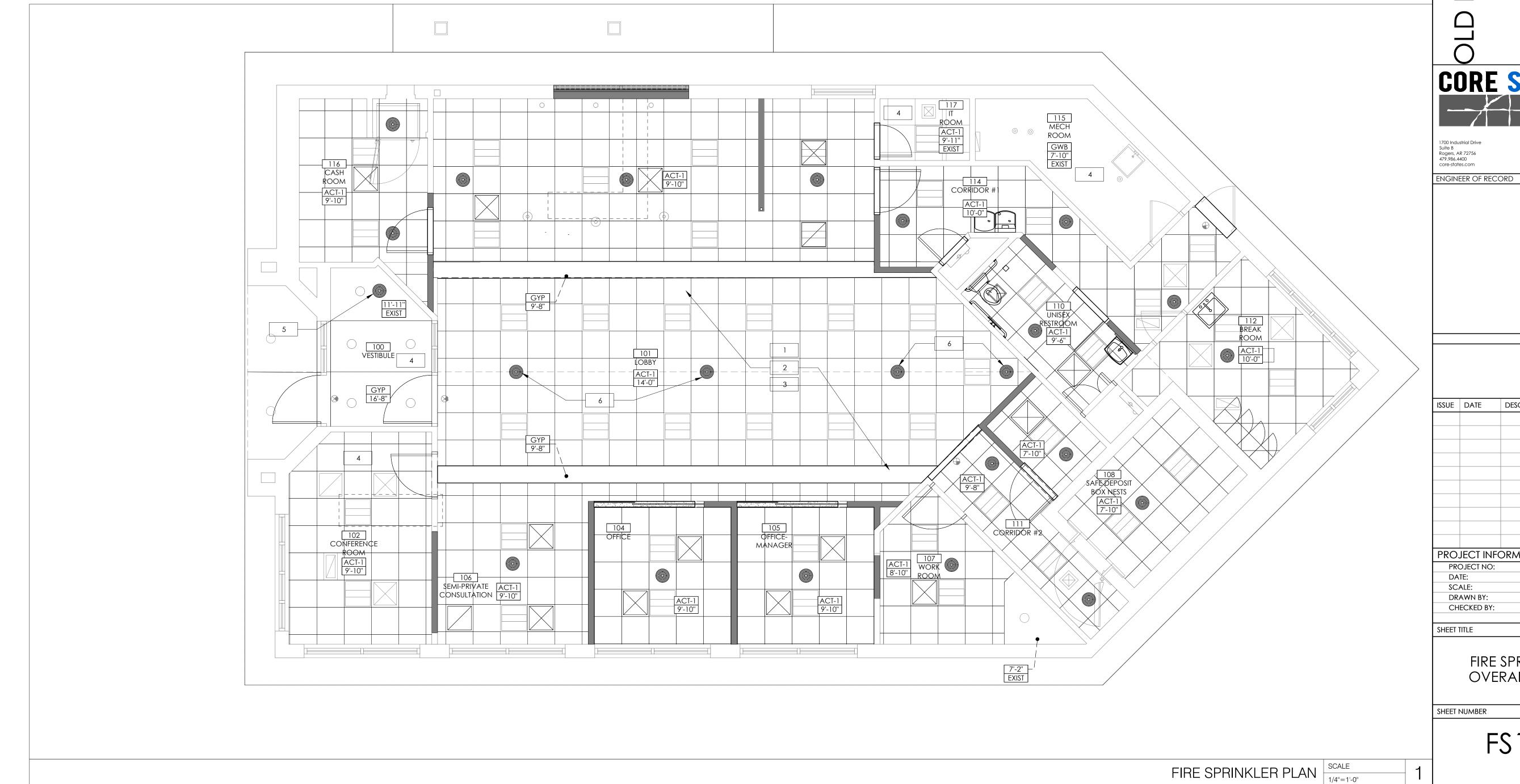
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NOTE: EXISTING SPRINKLER PIPING MAY REQUIRE RELOCATION AND CHANGE IN ELEVATION IN REMODELED AREAS.
SPRINKLER CONTRACTOR TO VERIFY PIPE
ELEVATIONS PRIOR TO BID.

FIRE SPRINKLER CONTRACTOR TO PROVIDE FULL SHOP DRAWINGS TO THE REVIEWING AUTHORITY FOR PERMITTING. PROVIDE ALL REQUIRED INFORMATION INCLUDING HYDRAULIC CALCULATIONS IF REQUIRED.



 $\mathbf{\Omega}$ NATIONAL PLYMOUTH

GROUP

ISSUE DATE DESCRIPTION

PROJECT INFORMATION PROJECT NO: 05.18.2021 AS NOTED

FIRE SPRINKLER OVERALL PLAN

C.ORR

SHEET NUMBER

FS1.0