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1441 west long lake, suite 200
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grand rapids, michigan 49546

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# Facade Upgrades

## the Platform

# 7300 Woodward Ave.
# Detroit, MI 48202

List of Drawings

ARCHITECTURAL

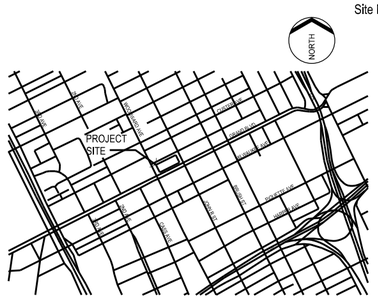


ELECTRICAL



Code Information

Site Map




Registration Seal

Signature
Date

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Date

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Date



| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

iDS Project Number

**20174-1000**

# ABBREVIATIONS

| | |
|---|---|
| **A** | |
| ABRSV | ABRASIVE |
| ACOUS | ACOUSTIC.ACOUSTICAL |
| ACU | AIR CONDITIONING UNIT |
| ADJ | ADJACENT.ADJUSTABLE |
| AFF | ABOVE FINISH FLOOR |
| ALT | ALTERNATE |
| ALUM | ALUMINUM |
| ANOD | ANODIZED |
| ACS PNL | ACCESS PANEL |
| APPROX | APPROXIMATELY |
| AR | ABUSE RESISTANT |
| ARCH | ARCHITECT.ARCHITECTURAL |
| AUTO | AUTOMATIC |
| **B** | |
| BD | BOARD |
| BEV | BEVEL.BEVELED |
| BF | BARRIER FREE |
| BLDG | BUILDING |
| BLKG | BLOCKING |
| BN | BULLNOSE |
| BOT | BOTTOM |
| BRG | BEARING |
| BRKT | BRACKET |
| BSMT | BASEMENT |
| BUR | BUILT-UP ROOFING |
| B/B | BOTTOM OF BEAM |
| B/D | BOTTOM OF DECK |
| **C** | |
| CAB | CABINET |
| CB | CATCH BASIN |
| CBB | CEMENT BACKER BOARD |
| CCT | CUBICAL CURTAIN TRACK |
| CG | CORNER GUARD |
| CHBD | CHALKBOARD |
| CHKD PL | CHECKERED PLATE |
| CJ | CONTROL OR CONSTRUCTION JOINT |
| CLG | CEILING |
| CMU | CONCRETE MASONRY UNIT |
| CO | CLEAN OUT |
| COL | COLUMN |
| COMP | COMPACTED |
| COMPO | COMPOSITION |
| CONC | CONCRETE |
| CONF | CONFERENCE |
| CONN | CONNECT. CONNECTION |
| CONSTR | CONSTRUCTION |
| CONT | CONTINUE. CONTINUOUS |
| CONTR | CONTRACTOR |
| CONV | CONVECTOR |
| CORR | CORRIDOR. CORRUGATED |
| COORD | COORDINATE |
| CSWK | CASEWORK |
| CT | CERAMIC TILE |
| CSK | COUNTERSINK (SUNK) |
| CUH | CABINET UNIT HEATER |

| | |
|---|---|
| **D** | |
| D | DEEP. DEPTH |
| DBL | DOUBLE |
| DWTR | DUMBWAITER |
| DT DR | DUTCH DOOR |
| DEMO | DEMOLISH.DEMOLITION |
| DEPR | DEPRESSED |
| DEPT | DEPARTMENT |
| DET | DETAIL |
| DF | DRINKING FOUNTAIN |
| DIA | DIAMETER |
| DIAG | DIAGONAL |
| DIFF | DIFFUSER |
| DIM | DIMENSION |
| DIR | DIRECTORY |
| DEFS | DIRECT APPLIED EXT FINISH SYSTEM |
| DMPF | DAMPPROOFING |
| DMT | DEMOUNTABLE |
| DN | DOWN |
| DR OPNG | DOOR OPENING |
| DR | DOOR |
| DWG | DRAWING |
| DT | DRAIN TILE |
| DWL | DOWEL |
| DWR | DRAWER |
| **E** | |
| EA | EACH |
| EF | EXHAUST FAN |
| EIFS | EXTERIOR INSULATION FINISH SYSTEM |
| EJ | EXPANSION JOINT |
| EL | ELEVATION |
| ELEC | ELECTRIC. ELECTRICAL |
| ELEV | ELEVATOR |
| ENCL | ENCLOSURE |
| ENTR | ENTRANCE.ENTRY |
| EP | ELECTRICAL PANEL |
| EQ | EQUAL |
| EQUIP | EQUIPMENT |
| EW | EACH WAY |
| EWC | ELECTRIC WATER COOLER |
| EXIST | EXISTING |
| EXP | EXPANDED.EXPANSION |
| EXP BT | EXPANSION BOLT |
| EXT | EXTERIOR |
| **F** | |
| FACP | FIRE ALARM CONTROL PANEL |
| FD | FLOOR DRAIN |
| FDC | FIRE DEPARTMENT CONNECTION |
| FDTN | FOUNDATION |
| FE | FIRE EXTINGUISHER |
| FEB | FIRE EXTINGUISHER AND BRACKET |
| FEC | FIRE EXTINGUISHER CABINET |
| FIN FLR | FINISH FLOOR |

| | |
|---|---|
| **F** (CONT) | |
| FH | FIRE HYDRANT |
| FHC | FIRE HOSE CABINET |
| FHR | FIRE HOSE RACK |
| FIN | FINISH. FINISHED |
| FLASH | FLASHING |
| FLR | FLOOR |
| FPRFG | FIREPROOFING |
| FR | FRAME |
| FT | FEET / FOOT |
| FTG | FOOTING |
| FTR | FIN TUBE RADIATION |
| FVC | FIRE VALVE CABINET |
| FWC | FABRIC WALL COVERING |
| **G** | |
| GA | GAGE / GAUGE |
| GALV | GALVANIZED |
| GFRC | GLASS FIBER REINFORCED CONCRETE |
| GI | GALVANIZED IRON |
| GL | GLASS |
| GR | GRADE |
| GRC | GLASS REINFORCED CYPSUM |
| GRL | GRILLE |
| GYP BD | GYPSUM BOARD |
| **H** | |
| H | HIGH. HEIGHT |
| HB | HOSE BIB |
| HC | HOLLOW CORE |
| HDW | HARDWARE |
| HDWD | HARDWOOD |
| HM | HOLLOW METAL |
| HORIZ | HORIZONTAL. HORIZONTALLY |
| HORIZB | HORIZONTAL BLINDS |
| HP | HIGH POINT |
| HR | HOUR |
| **I** | |
| ID | INSIDE DIAMETER |
| IE | INVERT ELEVATION |
| INCL | INCLUDE.INCLUDING |
| INFO | INFORMATION |
| IN | INCH. INCHES |
| INSUL | INSULATE. INSULATION |
| INT | INTERIOR |
| IR | IMPACT RESISTANT |
| **J** | |
| JC | JANITOR CLOSET |
| JT | JOINT |
| JST | JOIST |

| | |
|---|---|
| **K** | |
| KD | KNOCK DOWN |
| KIT | KITCHEN |
| **L** | |
| L | LONG. LENGTH |
| LAB | LABORATORY |
| LAM | LAMINATE. LAMINATED |
| LAV | LAVATORY |
| LBL | LABEL |
| LBS | POUNDS |
| LF | LINEAR FEET (FOOT) |
| LH | LEFT HAND |
| LHR | LEFT HAND REVERSE |
| LKR | LOCKER |
| LLH | LONG LEG HORIZONTAL |
| LLV | LONG LEG VERTICAL |
| LO | LOUVER OPENING |
| LPT | LOW POINT |
| LPRF | LIGHT PROOF |
| LT WT | LIGHTWEIGHT |
| LVT | LUXURY VINYL TILE |
| **M** | |
| MAINT | MAINTENANCE |
| MATL | MATERIAL |
| MAX | MAXIMUM |
| MCC | MULTI COLOR COATING |
| MDS | METAL DIVIDING STRIP |
| MECH | MECHANICAL |
| MET | METAL OR METALLIC |
| MT | METAL THRESHOLD |
| MEZZ | MEZZANINE |
| MFR | MANUFACTURER |
| MH | MANHOLE |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| MKBD | MARKERBOARD |
| MLDG | MOULDING |
| MO | MASONRY OPENING |
| MRT | MARBLE THRESHOLD |
| MTD | MOUNTED |
| MULL | MULLION |
| **N** | |
| NIC | NOT IN CONTRACT |
| NO | NUMBER |
| NOM | NOMINAL |
| NRC | NOISE REDUCTION COEFFICIENT |
| NTS | NOT TO SCALE |

| | |
|---|---|
| **O** | |
| OC | ON CENTER |
| OD | OUTSIDE DIAMETER |
| O/H | OVERHEAD |
| OPNG | OPENING |
| OPP HD | OPPOSITE HAND |
| ORN | ORNAMENTAL |
| OZ | OUNCE |
| **P** | |
| PA | PUBLIC ADDRESS |
| PTN | PARTITION |
| P BD | PARTICLE BOARD |
| P/C | PRECAST |
| PC | PIECE |
| PORC EN | PORCELAIN ENAMEL |
| PERF | PERFORATED |
| PERIM | PERIMETER |
| PRKG | PARKING |
| PLBG | PLUMBING |
| PLAS | PLASTER |
| P LAM | PLASTIC LAMINATE |
| PLYWD | PLYWOOD |
| POL | POLISH. POLISHED |
| POR | POROUS |
| PORC | PORCELAIN |
| PR | PAIR |
| PREFAB | PREFABRICATED |
| PS | PROJECTION SCREEN |
| PSF | POUNDS PER SQUARE FOOT |
| PSI | POUNDS PER SQUARE INCH |
| PT | PAINT |
| PVC | POLYVINYLCHLORIDE |
| PVW | PROTECTIVE VINYL WALL COVERING |
| **Q** | |
| QT | QUARRY TILE |
| **R** | |
| R | RISER |
| RAD | RADIUS |
| RC | RAIN CONDUCTOR |
| REF | REFER.REFERENCE |
| REFL | REFLECTED.REFLECTIVE |
| REFRIG | REFRIGERATOR |
| REINF | REINFORCE.REINFORCEMENT. REINFORCING |
| REQD | REQUIRED |
| RESIL | RESILIENT |
| REV | REVISED. REVISION |
| RFG | ROOFING |

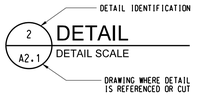
| | |
|---|---|
| **R** (CONT) | |
| RH | RIGHT HAND |
| RHR | RIGHT HAND REVERSE |
| RO | ROUGH OPENING |
| ROW | RIGHT OF WAY |
| RR | RAILROAD |
| RS | ROOF SUMP |
| RSD | ROLLER SHADE |
| RT | RUBBER TILE |
| **S** | |
| SC | SOLID CORE |
| SCHED | SCHEDULE |
| SCR | SHOWER CURTAIN ROD |
| SECT | SECTION |
| SF | SQUARE FEET (FOOT) |
| SGFT | STRUCTURAL GLAZED FACING TILE |
| SH/P | SHELF AND POLE |
| SIM | SIMILAR |
| SPEC | SPECIFICATIONS |
| SQ | SQUARE |
| SS | SERVICE SINK |
| STAG | STAGGERED |
| STC | SOUND TRANSMISSION CLASS |
| STD | STANDARD |
| STL | STEEL |
| STRUCT | STRUCTURAL |
| ST STL | STAINLESS STEEL |
| SURF | SURFACE |
| SUSP | SUSPEND. SUSPENSION |
| SYM | SYMBOL |
| SYMM | SYMMETRICAL |
| **T** | |
| T | TREAD |
| T & B | TOP AND BOTTOM |
| T & G | TONGUE AND GROOVE |
| TKBD | TACKBOARD |
| T/C | TOP OF COVER OR CURB |
| TEL | TELEPHONE |
| TEMP GL | TEMPERED GLASS |
| TER | TERRAZZO |
| T/F | TOP OF FOOTING |
| THK | THICK. THICKNESS |
| TKSP | TACK STRIP |
| TOM | TOP OF MASONRY |
| TOS | TOP OF STEEL |
| TRANS | TRANSOM |
| TV | TELEVISION |
| TOW | TOP OF WALL |
| TYP | TYPICAL |
| **U** | |
| UC | UNDERCUT |
| UL | UNDERWRITER'S LABORATORIES, INC. |
| UON | UNLESS OTHERWISE NOTED |
| **V** | |
| VCT | VINYL COMPOSITION TILE |
| VERT | VERTICAL. VERTICALLY |
| VERTB | VERTICAL BLINDS |
| VIF | VERIFY IN FIELD |
| VIT | VITREOUS |
| VR | VAPOR RETARDER |
| VRS | VINYL REDUCER STRIP |
| VTR | VENT THRU ROOF |
| VWC | VINYL WALL COVERING |
| **W** | |
| W | WIDE.WIDTH |
| WBR | WALL BUMPER RAIL |
| WSCT | WAINSCOT |
| W/ | WITH |
| WD | WOOD |
| WM | WIRE MESH |
| WO | WINDOW OPENING |
| W/O | WITHOUT |
| WP | WATERPROOFING |
| WPF | WEATHERPROOF |
| WPT | WORKING POINT |
| WS | WATER STOP |
| WSTPG | WEATHER STRIPPING |
| WWF | WELDED WIRE FABRIC |
| L | ANGLE |
| X | BY |
| ℄ | CENTERLINE |
| ℄ | TELEPHONE |
| ' | CHANNEL |
| ° | DEGREE OR DEGREES |
| ø | DIAMETER |
| ' | FEET. FOOT |
| " | INCH. INCHES |
| # | NUMBER OR POUND |
| ₤ | PLATE |
| ± | ROUND OR PHASE |
| T | TEE |

# MATERIAL LEGEND

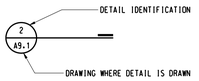
- SOIL
- ASPHALT CONCRETE
- GRANULAR FILL
- GRAVEL
- CONCRETE
- CONCRETE MASONRY UNIT
- BRICK
- GLAZED CMU
- STRUCTURAL GLAZED FACING TILE
- STONE
- MARBLE
- METALS - LARGE SCALE
- METALS - SMALL SCALE
- FINISH WOOD
- PLYWOOD
- CONTINUOUS WOOD BLOCKING
- INTERRUPTED WOOD BLOCKING OR SHIMS
- BATT INSULATION
- RIGID INSULATION
- PREMOLDED EXPANSION JOINT OR COMPRESSIBLE FILLER STRIP
- GLASS OR PLASTIC GLAZING
- PLASTER OR GYPSUM BOARD
- CERAMIC OR QUARRY TILE
- TERRAZZO
- ACOUSTICAL PANEL OR ACOUSTICAL TILE
- EXISTING MATERIAL (NO DELINEATION)

# SYMBOL LEGEND

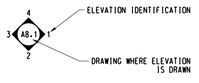
DETAIL SYMBOL



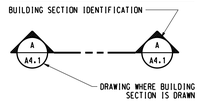

DETAIL LOCATOR



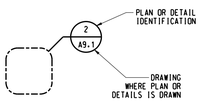

ELEVATION SYMBOL




BUILDING SECTION LOCATOR

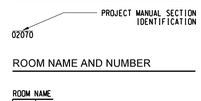



PLAN OR DETAIL ENLARGEMENT

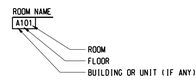



COLUMN CENTERLINE

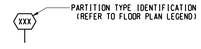

MATERIAL KEYNOTE



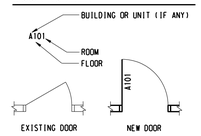

ROOM NAME AND NUMBER



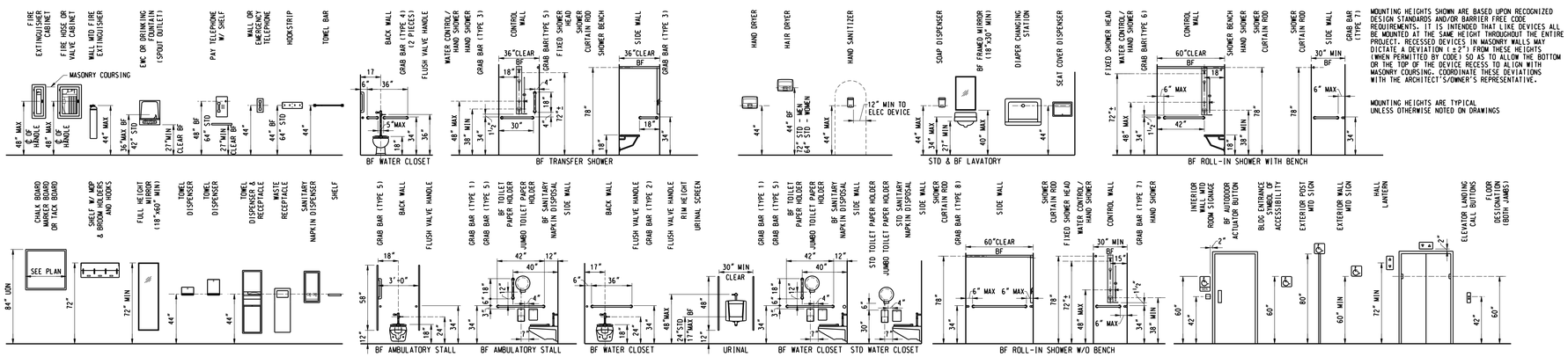

PARTITION TYPE




DOOR NUMBER




# MOUNTING HEIGHTS





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WEST BLOOMFIELD, MI 48322
248-932-2010
www.desainasr.com


Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan

THIS PROJECT MAY NOT UTILIZE ALL THE SYMBOLS, MATERIALS, ABBREVIATIONS AND STANDARD INFORMATION SHOWN ON THIS SHEET.

| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Aproved | B. Sundberg |
| Drawing Scale | |

| Issued for | Issue Date |
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| 50% Owner Review | 09-24-2020 |
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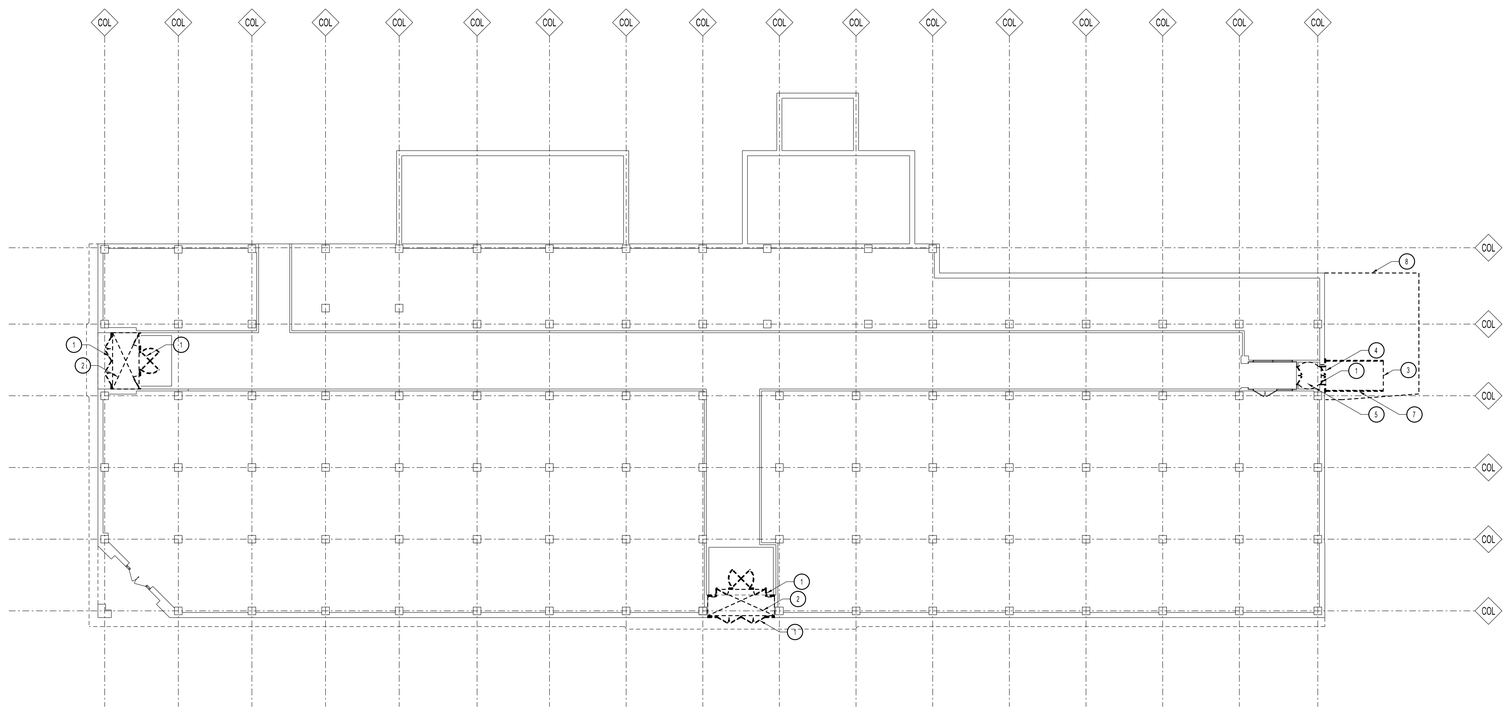
Drawing Title

Architectura
Reference Information

| iDS Project Number | Drawing Number |
|---|---|
| 20174-1000 | AR0 |




## DEMOLITION PLAN - FIRST FLOOR

1/16" = 1'-0"

## GENERAL NOTES

DEMOLITION PLAN

A ALL DEMOLITION WORK REQUIRED IS NOT NECESSARILY LIMITED TO WHAT IS SHOWN ON THE DEMOLITION PLANS. THE INTENT IS TO REMOVE ALL MECHANICAL, ELECTRICAL, AND ARCHITECTURAL ITEMS AS REQUIRED TO FACILITATE NEW CONSTRUCTION

B CONTRACTOR SHALL PROVIDE TEMPORARY DUSTPROOF PARTITIONS WITH DOORS AT LOCATIONS INDICATED AND/OR AS REQUIRED TO ADEQUATELY SEPARATE OCCUPIED AREAS FROM CONSTRUCTION HAZARDS, NOISE AND/OR DUST. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. COORDINATE ALL LOCATIONS WITH ARCHITECTS/OWNERS REPRESENTATIVE

C CONTRACTOR SHALL PROVIDE DUST MATS AT ALL CONSTRUCTION AREAS ENTRANCE AND EXIST LOCATIONS. COORDINATE ALL LOCATIONS WITH ARCHITECTS/OWNERS REPRESENTATIVE

D CONTRACTOR SHALL CONTINUOUSLY MAINTAIN ALL MEANS OF EGRESS AND ALL FIRE PROTECTION FEATURES FOR PORTIONS OF THE BUILDING THAT REMAIN OCCUPIED DURING CONSTRUCTION

E COORDINATE SCOPE AND EXTENT OF DEMOLITION WORK WITH NEW WORK PLANS AND DETAILS

F REFER TO MECHANICAL AND ELECTRICAL FOR ADDITIONAL INFORMATION

## LEGEND

DEMOLITION PLAN

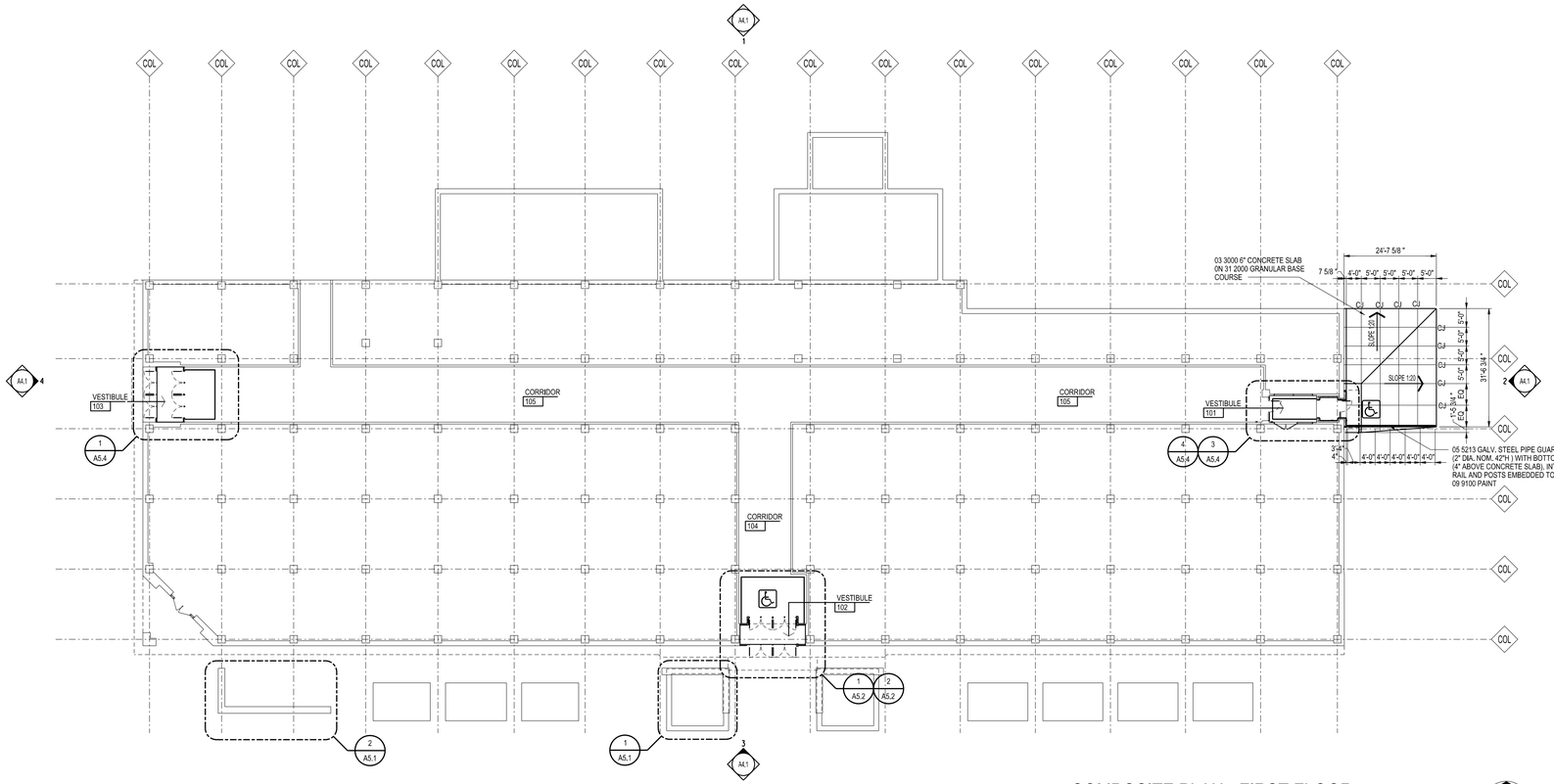
NOTE: NOT ALL SYMBOLS MAY BE USED

- EXISTING TO BE REMOVED
- EXISTING TO REMAIN
- EXISTING CEILING TO BE REMOVED
- EXISTING FLOOR/FINISH TO BE REMOVED

## KEYNOTES

NOTE: NOT ALL KEYNOTES MAY BE USED

1. REMOVE ALUMINUM STOREFRONT FRAMING AND ASSOCIATED HARDWARE
2. REMOVE GYPSUM BOARD CEILING
3. REMOVE CONCRETE RAMP
4. REMOVE CONCRETE HEAD PANEL WITH "LABOR BUILDING" SIGN AND RETURN TO OWNER
5. REMOVE GYPSUM BOARD WALL AND VESTIBULE CEILING
6. REMOVE STONE WALL PANELS . SALVAGE FOR REINSTALLATION COORDINATE WITH NEW WORK PLANS
7. REMOVE STEEL HANDRAIL
8. REMOVE ASPHALT PAVEMENT




## COMPOSITE PLAN - FIRST FLOOR

1/16" = 1'-0"

## GENERAL NOTES

FLOOR PLAN

A REFER TO DRAWING A9.1 FOR DOOR SCHEDULE AND COLORS

B REFER TO DRAWING A9.1 FOR ROOM FINISH SCHEDULE & COLORS

C COORDINATE SIZE AND LOCATION OF ALL ACCESS DOORS WITH TRADE REQUIRING SAME. QUANTITIES SHOWN DO NOT NECESSARILY REPRESENT ALL ACCESS DOORS REQUIRED FOR ACCESSIBILITY

D PROVIDE POSITIVE SLOPE TO ALL FLOOR DRAINS WHILE KEEPING FLOOR LEVEL AT WALL BASE CONDITION

E PARTIAL WALL POCHEING IS SHOWN THROUGHOUT THIS PLAN AND THE TERMINATION OF THE SAME SHALL NOT BE CONSTRUED TO REPRESENT A CHANGE IN WALL MATERIAL. VERIFY WALL MATERIALS WITH ROOM FINISH SCHEDULE

F PATCH AND/OR REPAIR ALL EXISTING FLOOR, WALL AND/OR CEILING FINISHES AS REQUIRED TO MATCH EXISTING OR TO ACCEPT NEW FINISHES AS SCHEDULED AT ALL AREAS AFFECTED BY DEMOLITION WORK. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE OF WORK

G INFILL ALL OPENINGS IN EXISTING WALLS ABOVE CEILINGS THAT ARE THE RESULT OF MECHANICAL OR ELECTRICAL DEMOLITION. OPENINGS IN MASONRY WALLS SHALL BE FILLED WITH MASONRY OF SIMILAR TYPES AND THICKNESSES AS EXISTING. OPENINGS LESS THAN 16 SQ INCHES MAY BE GROUT FILLED FLUSH WITH WALL SURFACES. OPENINGS IN OTHER TYPES OF WALL CONSTRUCTION SHALL MATCH EXISTING MATERIALS, FINISHES AND WALL THICKNESSES. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF WORK

## LEGEND

FLOOR PLAN

NOTE: NOT ALL SYMBOLS MAY BE USED

- XXX — PARTITION TYPE - REFER TO PARTITION DETAILS DRAWING A9.X
- SHALL COMPLY WITH BARRIER FREE REQUIREMENTS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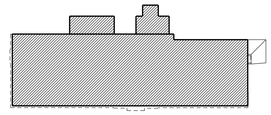

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| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Approved | B. Sundberg |
| Drawing Scale | 1/16" = 1'-0" |

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |



Drawing Title

First Floor Demolition and First Floor Composite Plan

iDS Project Number: 20174-1000

Drawing Number: A2.1

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248-932-2010
www.desainasr.com

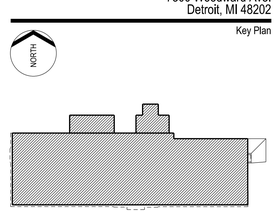
Project Title

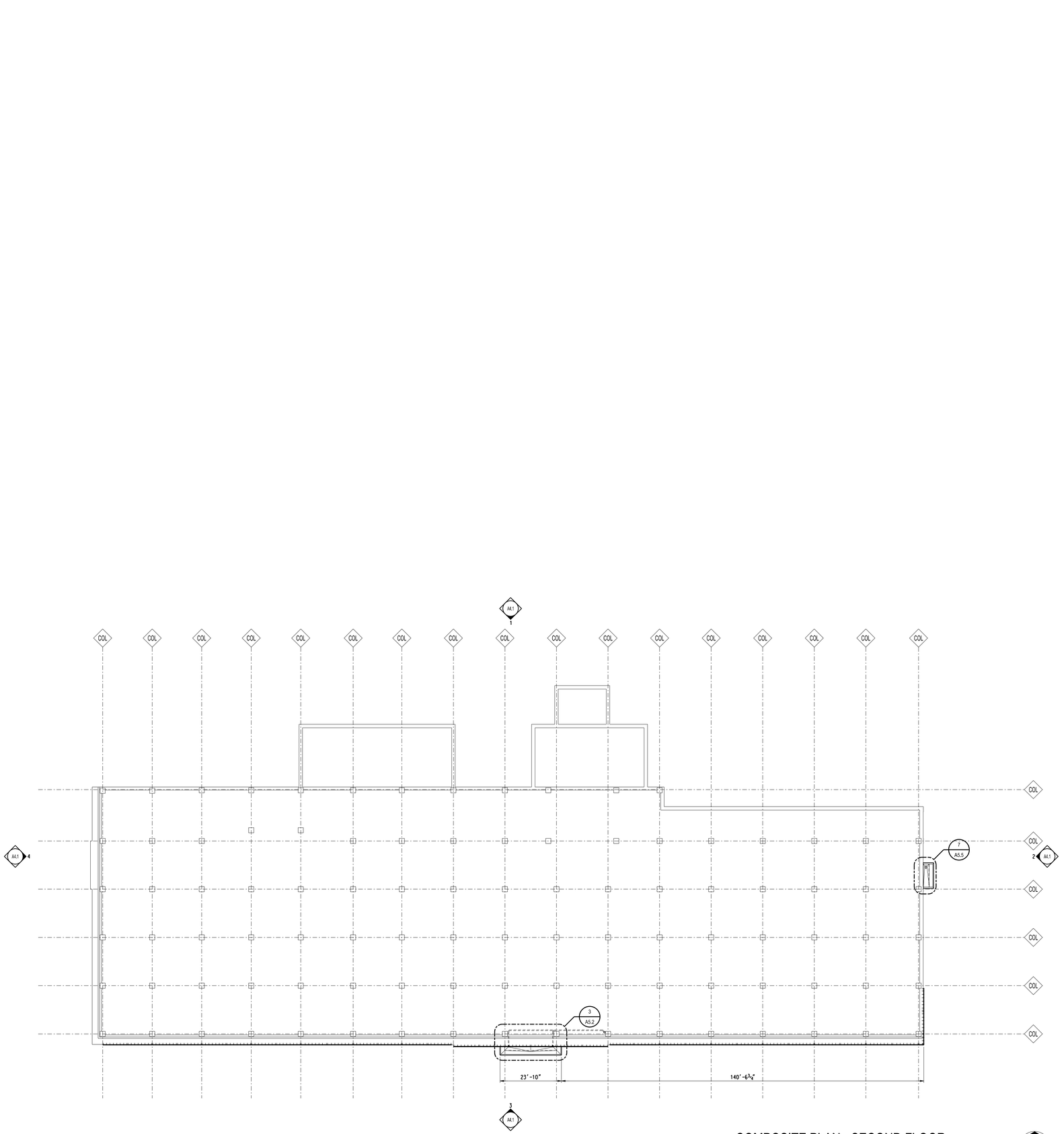
# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan






## COMPOSITE PLAN - SECOND FLOOR

1/16" = 1'-0"

## GENERAL NOTES

FLOOR PLAN

A REFER TO DRAWING A9.1 FOR DOOR SCHEDULE AND COLORS

B REFER TO DRAWING A9.1 FOR ROOM FINISH SCHEDULE & COLORS

C COORDINATE SIZE AND LOCATION OF ALL ACCESS DOORS WITH TRADE REQUIRING SAME. QUANTITIES SHOWN DO NOT NECESSARILY REPRESENT ALL ACCESS DOORS REQUIRED FOR ACCESSIBILITY

D PROVIDE POSITIVE SLOPE TO ALL FLOOR DRAINS WHILE KEEPING FLOOR LEVEL AT WALL BASE CONDITION

E PARTIAL WALL POCHEING IS SHOWN THROUGHOUT THIS PLAN AND THE TERMINATION OF THE SAME SHALL NOT BE CONSTRUED TO REPRESENT A CHANGE IN WALL MATERIAL. VERIFY WALL MATERIALS WITH ROOM FINISH SCHEDULE

F PATCH AND/OR REPAIR ALL EXISTING FLOOR, WALL AND/OR CEILING FINISHES AS REQUIRED TO MATCH EXISTING OR TO ACCEPT NEW FINISHES AS SCHEDULED AT ALL AREAS AFFECTED BY DEMOLITION WORK. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL SCOPE OF WORK

G INFILL ALL OPENINGS IN EXISTING WALLS ABOVE CEILINGS THAT ARE THE RESULT OF MECHANICAL OR ELECTRICAL DEMOLITION. OPENINGS IN MASONRY WALLS SHALL BE FILLED WITH MASONRY OF SIMILIAR TYPES AND THICKENESSES AS EXISTING. OPENINGS LESS THAN 16 SQ INCHES MAY BE GROUT FILLED FLUSH WITH WALL SURFACES. OPENINGS IN OTHER TYPES OF WALL CONSTRUCTION SHALL MATCH EXISTING MATERIALS, FINISHES AND WALL THICKNESSES. REFER TO MECHANICAL AND ELECTRICAL FOR SCOPE OF WORK

## LEGEND

FLOOR PLAN
NOTE: NOT ALL SYMBOLS MAY BE USED

XXX — PARTITION TYPE - REFER TO PARTITION DETAILS DRAWING AX.X

SHALL COMPLY WITH BARRIER FREE REQUIREMENTS

| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Approved | B. Sundberg |
| Drawing Scale | 1/16" = 1'-0" |

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| Bids | 06-03-2022 |

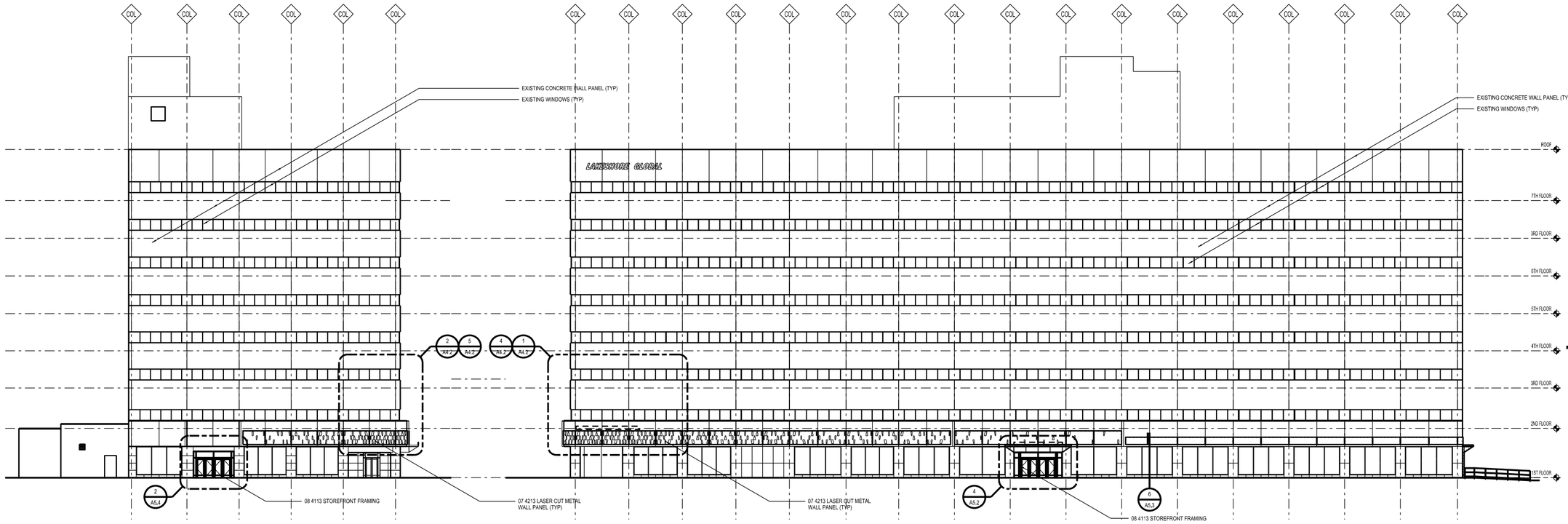


Drawing Title

## Second and Third Floor Composite Plans

iDS Project Number
**20174-1000**

Drawing Number
**A2.2**

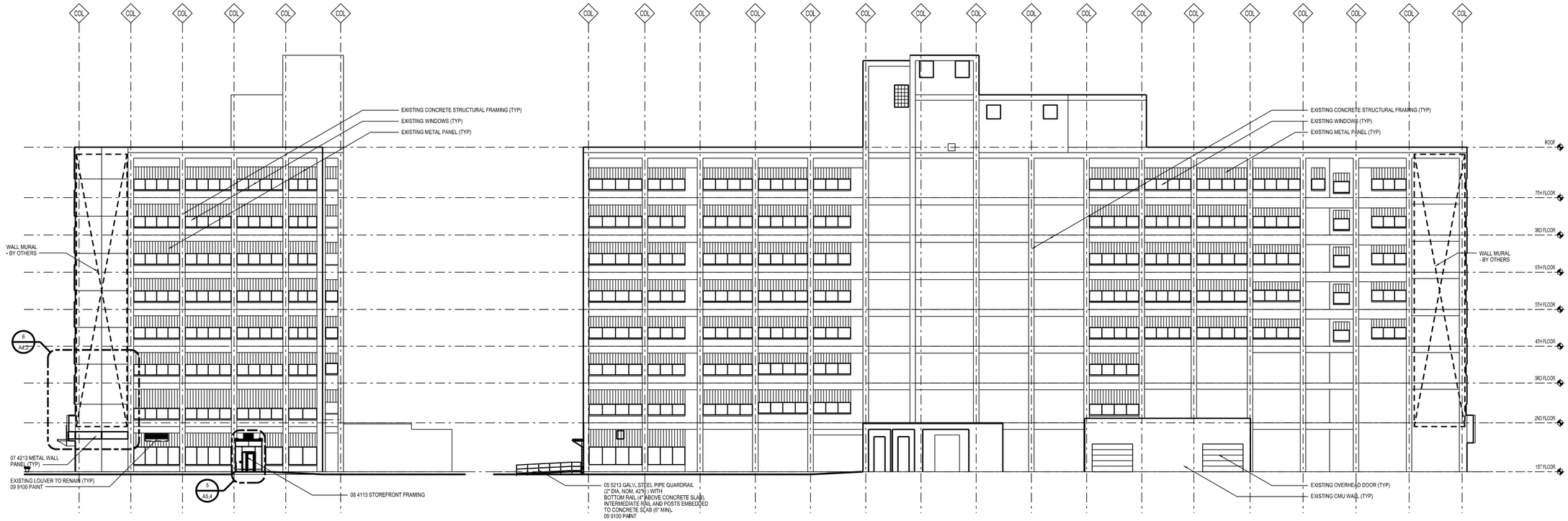



4 A2.1 WEST ELEVATION
1/16" = 1'-0"

GENERAL NOTE:
- FOR PAINTING AND STAINING INFORMATION REFER TO DRAWINGS A4.2 AND A4.3

3 A2.1 SOUTH ELEVATION
1/16" = 1'-0"

GENERAL NOTE:
- FOR PAINTING AND STAINING INFORMATION REFER TO DRAWINGS A4.2 AND A4.3




2 A2.1 EAST ELEVATION
1/16" = 1'-0"

GENERAL NOTE:
- FOR PAINTING AND STAINING INFORMATION REFER TO DRAWINGS A4.2 AND A4.3

1 A2.1 NORTH ELEVATION
1/16" = 1'-0"

GENERAL NOTE:
- FOR PAINTING AND STAINING INFORMATION REFER TO DRAWINGS A4.2 AND A4.3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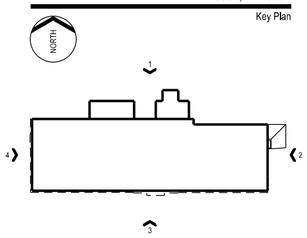
Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan




| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Approved | B. Sundberg |
| Drawing Scale | 1/16" = 1'-0" |

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

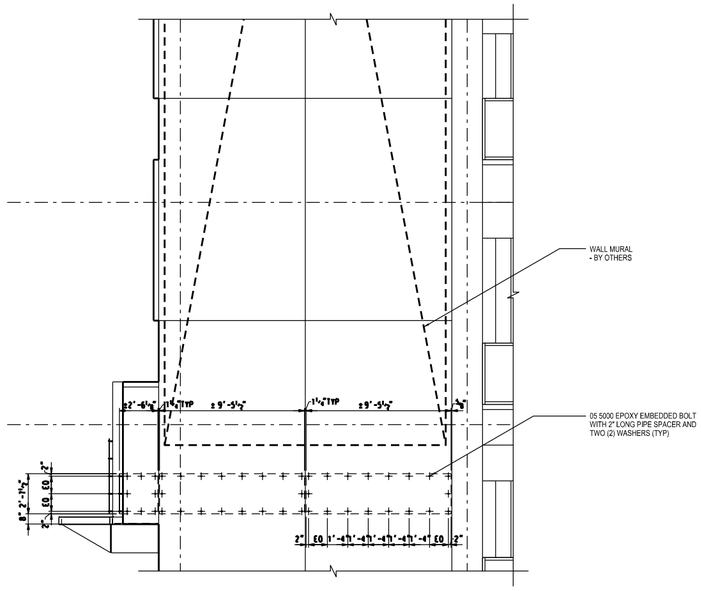


Drawing Title

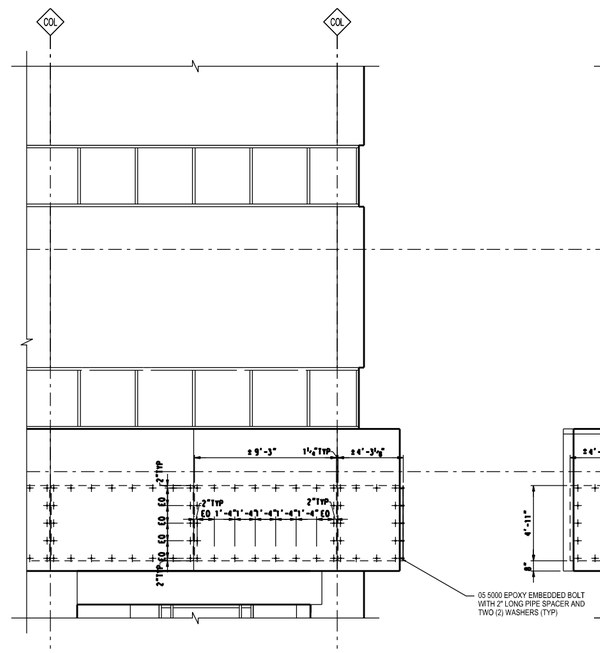
## Exterior Elevations

IDS Project Number: 20174-1000

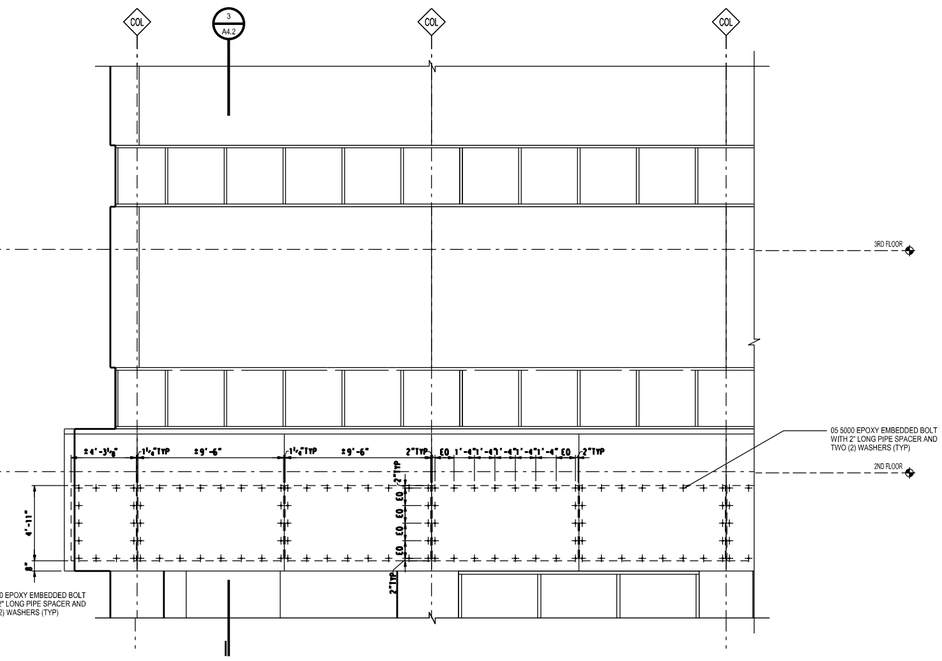
Drawing Number: A4.1



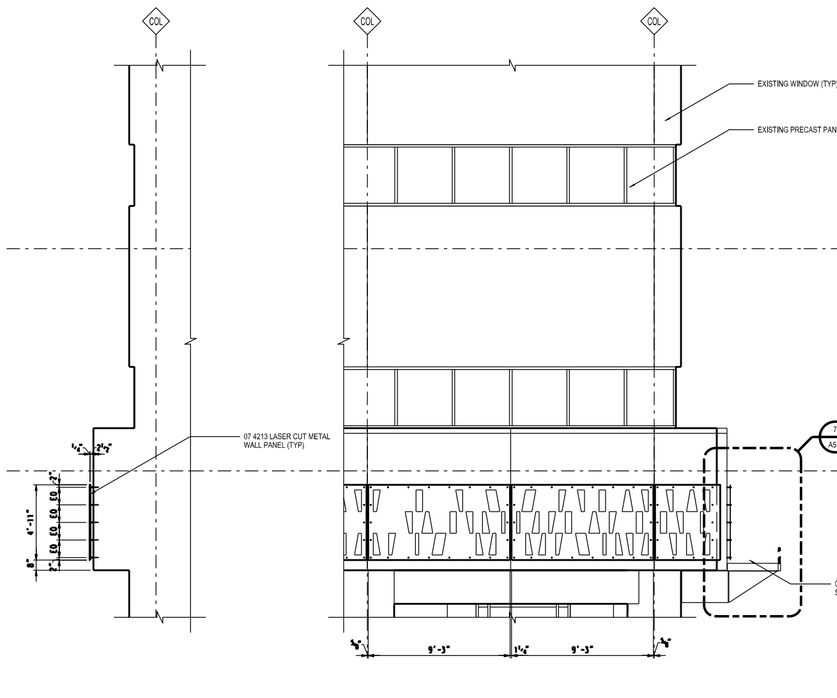

6 A4.1 PARTIAL EAST ELEVATION
1/4" = 1'-0"




5 A4.1 PARTIAL WEST ELEVATION
1/4" = 1'-0"

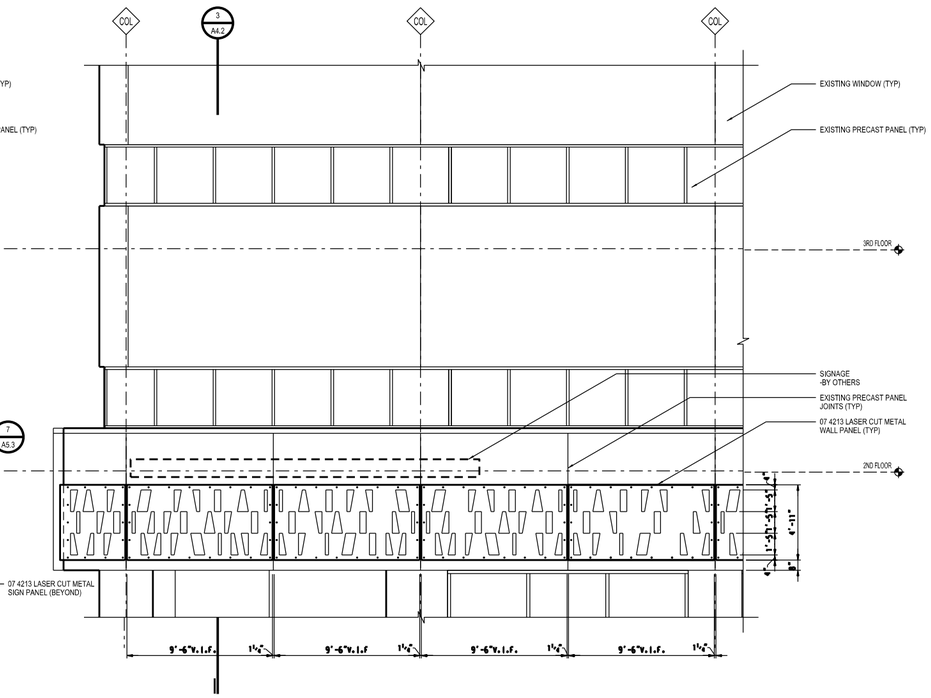



4 A4.1 PARTIAL SOUTH ELEVATION
1/4" = 1'-0"




3 A4.2 PARTIAL WALL SECTION @ SOUTH ELEVATION
1/4" = 1'-0"

2 A4.1 PARTIAL WEST ELEVATION
1/4" = 1'-0"




1 A4.1 PARTIAL SOUTH ELEVATION
1/4" = 1'-0"

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Project Title

# Facade Upgrades

## the Platform

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Key Plan

Project Administrator
D. Paone
Project Designer
K. Aalderink
Project Architect / Engineer
M. Nowakowski
Drawn By
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Q.M. Review
N. LaForest
Approved
B. Sundberg
Drawing Scale
As Noted

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|---|---|
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Drawing Title

Partial Elevations,
Section, Details and
Wall Panels Support Layout

IDS Project Number
20174-1000

Drawing Number
A4.2

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Project Title

# Facade Upgrades

## the Platform

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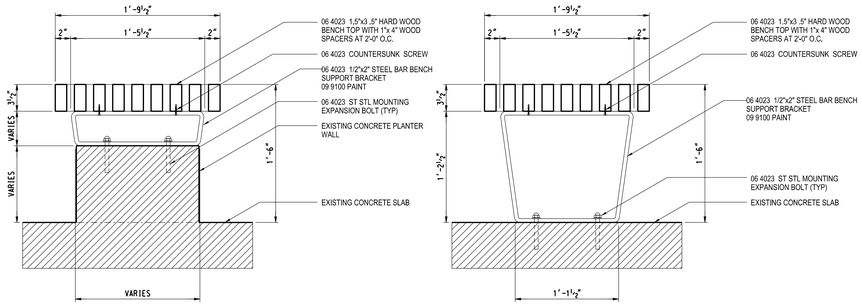
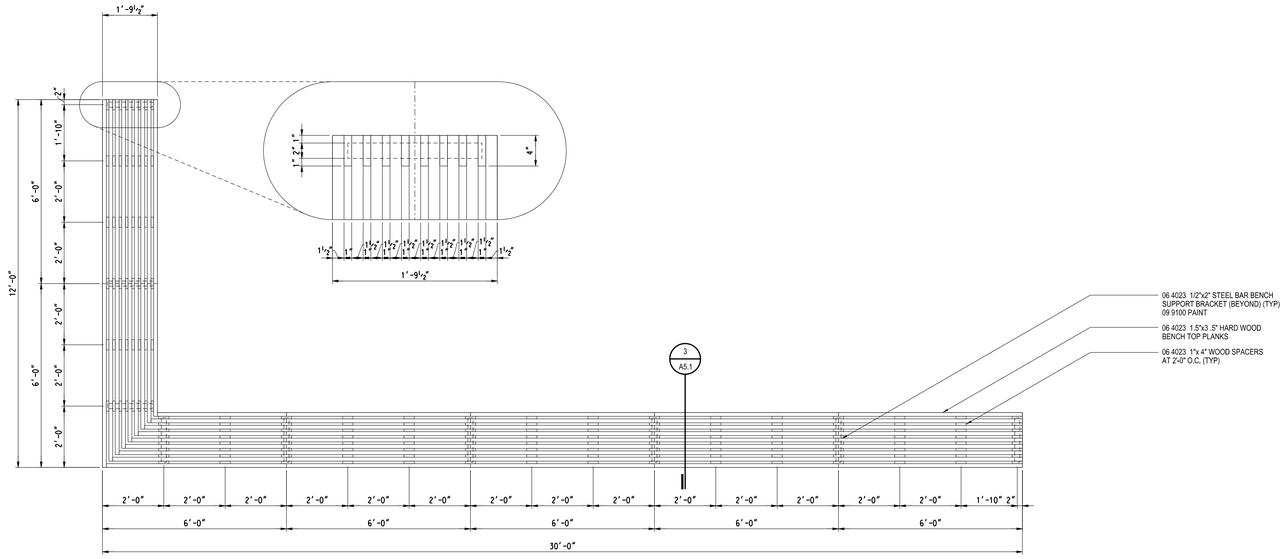
Key Plan



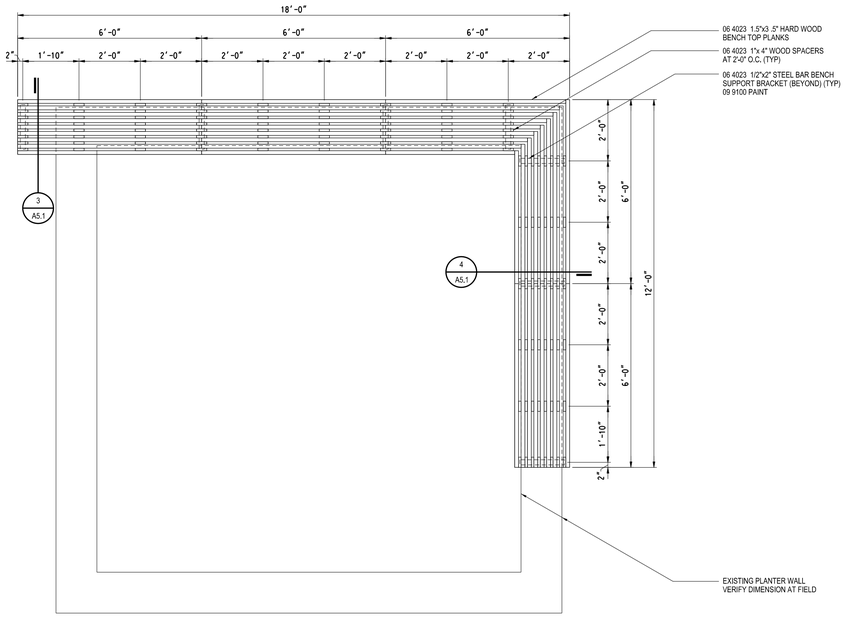

4 A5.1 BENCH AT EXISTING PLANTER
1 1/2" = 1'-0"

3 A5.1 FREE STANDING BENCH
1 1/2" = 1'-0"




2 A2.1 BENCH PLAN AT SOUTH WEST ENTRANCE
1/2" = 1'-0"

NORTH




1 A2.1 BENCH PLAN AT MAIN ENTRANCE
1/2" = 1'-0"

NORTH

| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Approved | B. Sundberg |
| Drawing Scale | As Noted |

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

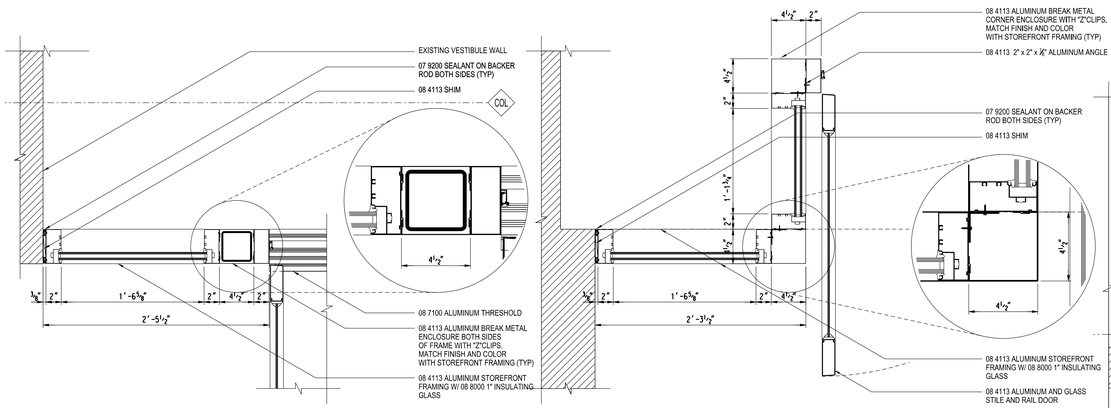


Drawing Title

## Exterior Bench Plans and Details

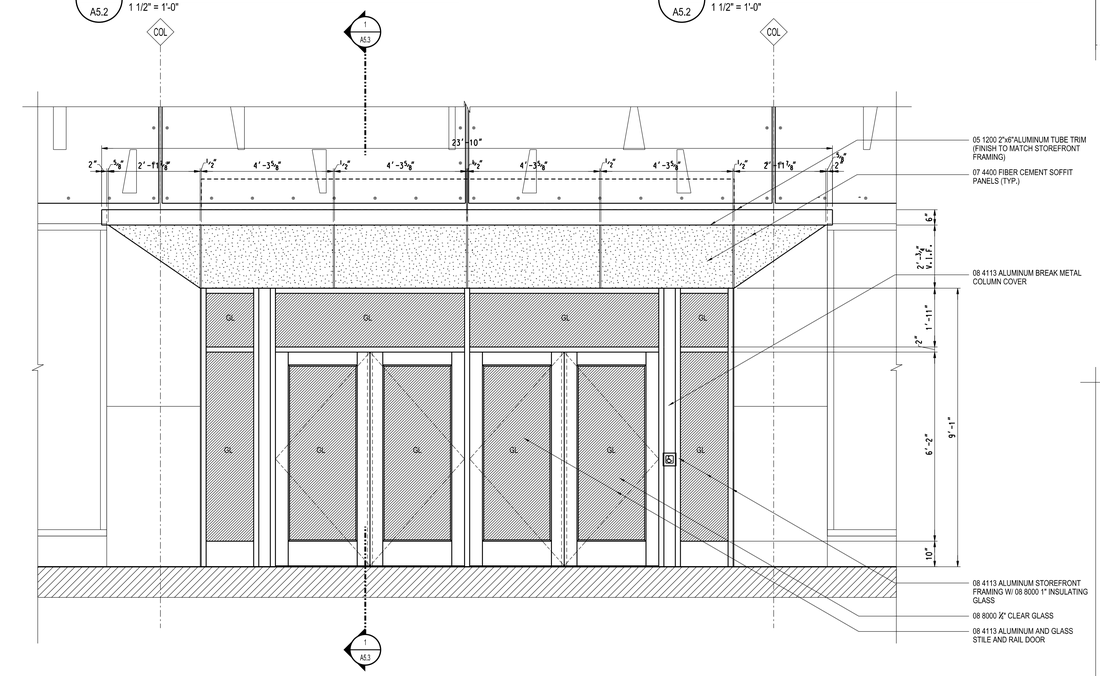
IDS Project Number
**20174-1000**

Drawing Number
**A5.1**

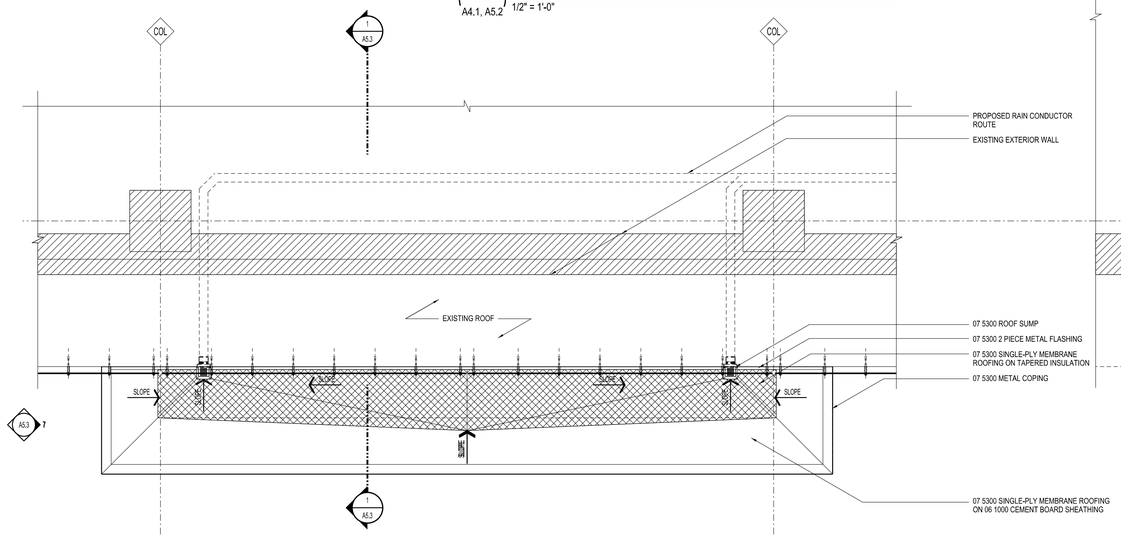



6 A5.2 PLAN DETAIL @ VESTIBULE # 102
1 1/2" = 1'-0"

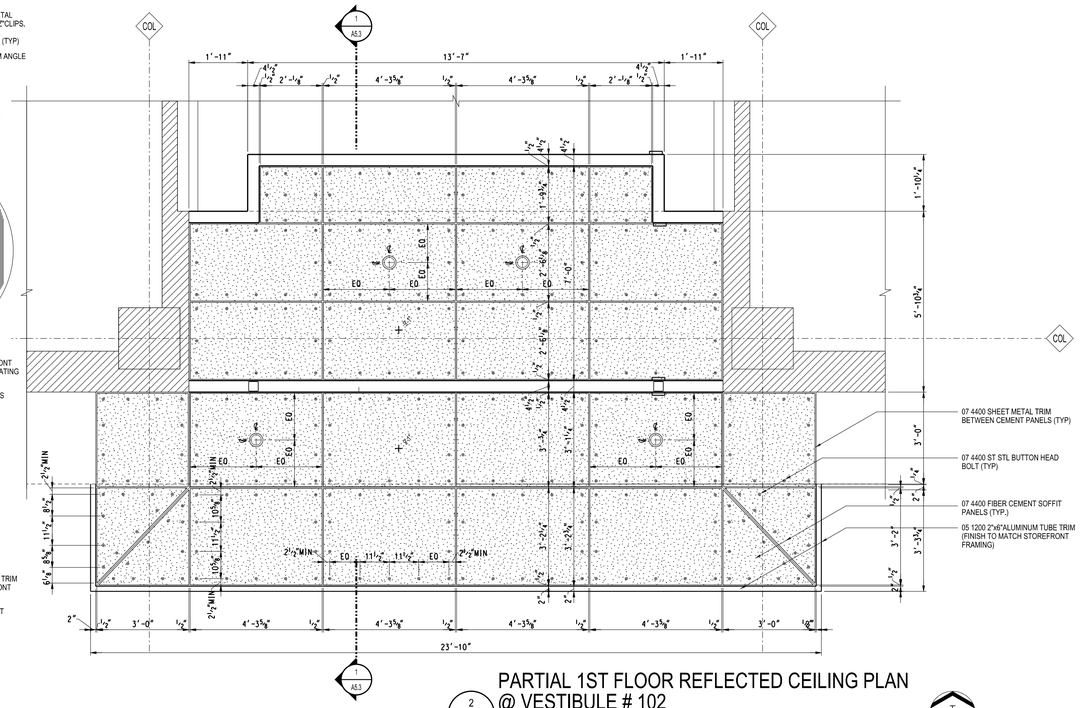
5 A5.2 PLAN DETAIL @ VESTIBULE # 102
1 1/2" = 1'-0"




4 A4.1, A5.2 PARTIAL ELEVATION @ VESTIBULE # 102
1/2" = 1'-0"




3 A2.1 PARTIAL 2ND FLOOR PLAN @ VESTIBULE # 102
1/2" = 1'-0"




2 A5.1 PARTIAL 1ST FLOOR REFLECTED CEILING PLAN @ VESTIBULE # 102
1/2" = 1'-0"


1 A2.1 PARTIAL 1ST FLOOR PLAN @ VESTIBULE # 102
1/2" = 1'-0"

NORTH

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Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
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Key Plan

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Project Designer
K. Aalderink
Project Architect / Engineer
M. Nowakowski
Drawn By
M. Nowakowski
Q.M. Review
N. LaForest
Approved
B. Sundberg
Drawing Scale
As Noted

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

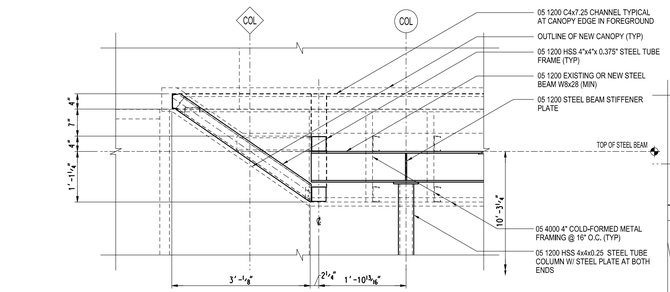


Drawing Title

Vestibule # 102
- Enlarged Plans,
Elevation and Details

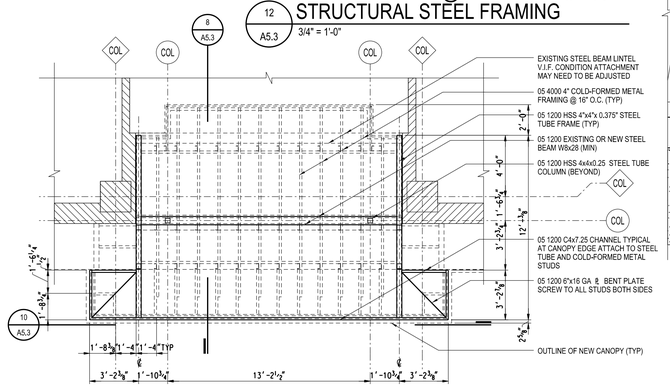
iDS Project Number
20174-1000

Drawing Number
A5.2



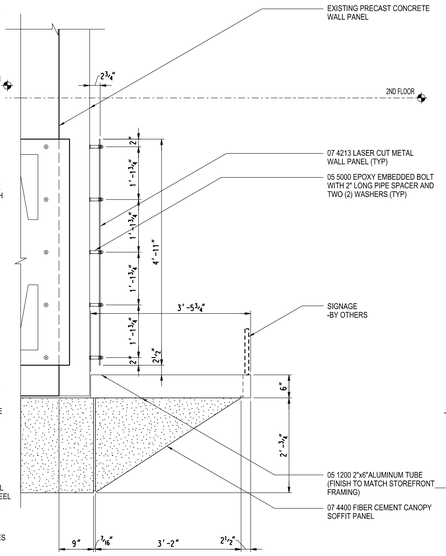

## CANOPY DETAIL @ VESTIBULE # 103
## STRUCTURAL STEEL FRAMING

12 / A5.3 — 3/4" = 1'-0"



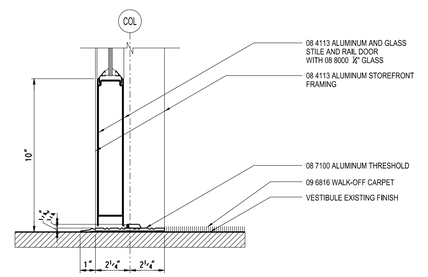

## PARTIAL PLAN @ VESTIBULE # 102
## STRUCTURAL STEEL FRAMING

11 / A5.3 — 1/4" = 1'-0"



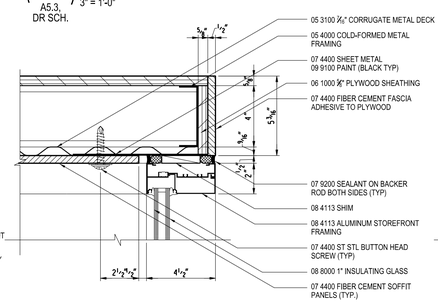

## SIGN AT SOUTH ENTRANCE CANOPY

7 / A4.2,A5.2 — 3/4" = 1'-0"



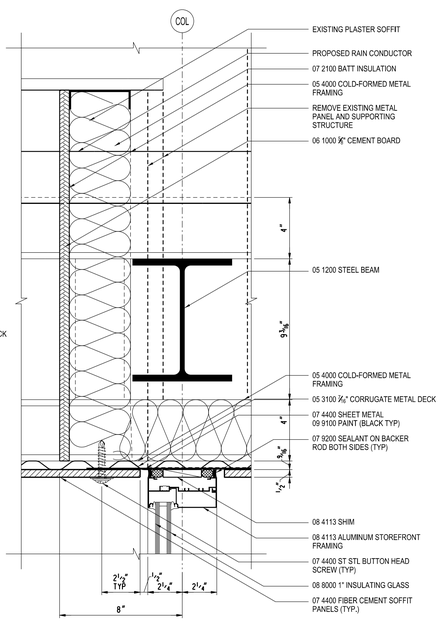

## EXTERIOR DOOR SILL @ VEST. # 102

5 / A5.3, DR SCH. — 3" = 1'-0"




## INTERIOR HEAD DETAIL @ VEST. # 102

4 / A5.3 — 3" = 1'-0"




## EXTERIOR HEAD DETAIL @ VEST. # 102

3 / A5.3 — 3" = 1'-0"




## CANOPY DETAIL @ VESTIBULE # 102
## STRUCTURAL STEEL FRAMING

9 / A5.3 — 3/4" = 1'-0"




## CANOPY DETAIL @ VESTIBULE # 102

2 / A5.3 — 3/4" = 1'-0"




## LONGITUDINAL SECTION @ VESTIBULE # 102
## STRUCTURAL STEEL FRAMING

10 / A5.3 — 1/4" = 1'-0"




## TRANSVERSE SECTION @ VESTIBULE # 102
## STRUCTURAL STEEL FRAMING

8 / A5.2,A2.3 — 1/4" = 1'-0"




## PARTIAL SECTION @ SOUTH ELEVATION
## STOREFRONT WINDOW

6 / A4.1 — 1/4" = 1'-0"




## PARTIAL SECTION @ VESTIBULE # 102

1 / A5.2 — 1/4" = 1'-0"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Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan

Project Administrator: D. Paone
Project Designer: K. Aalderink
Project Architect / Engineer: M. Nowakowski
Drawn By: M. Nowakowski
Q.M. Review: N. LaForest
Approved: B. Sundberg
Drawing Scale: As Noted

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

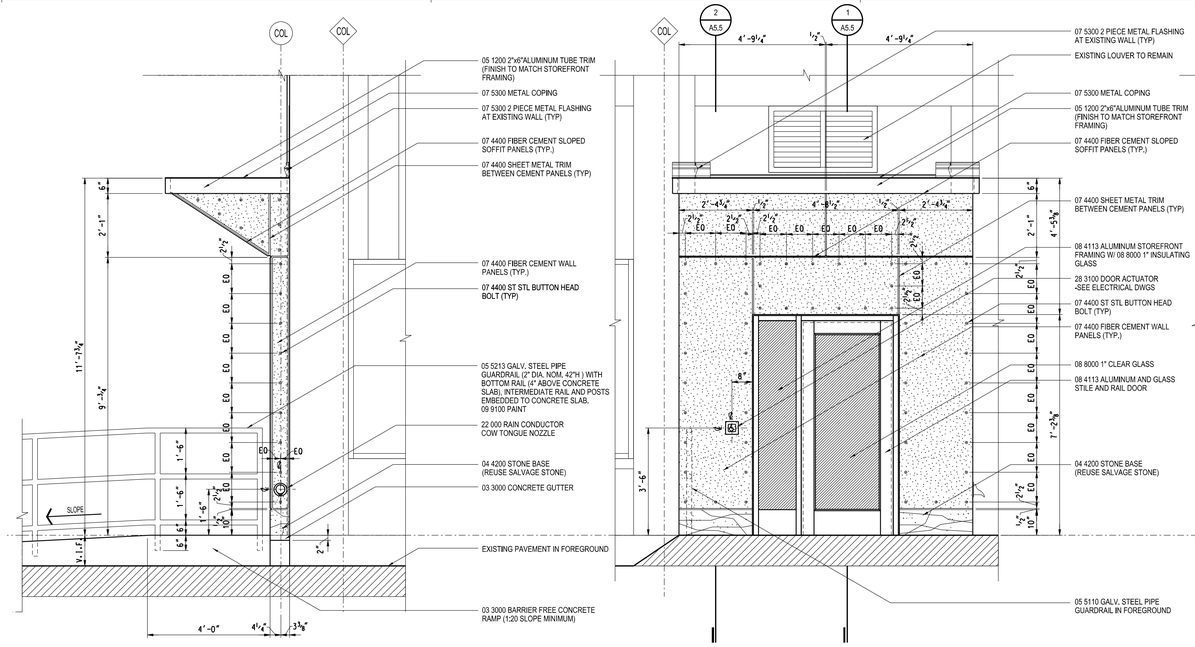


Drawing Title

## Vestibule # 102 Sections and Details

iDS Project Number: **20174-1000**

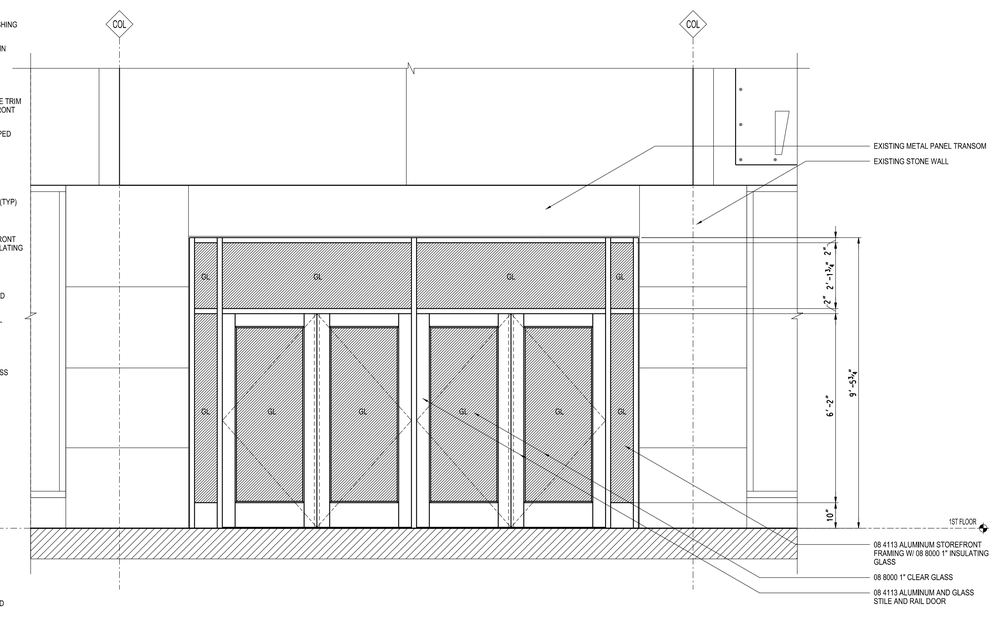
Drawing Number: **A5.3**



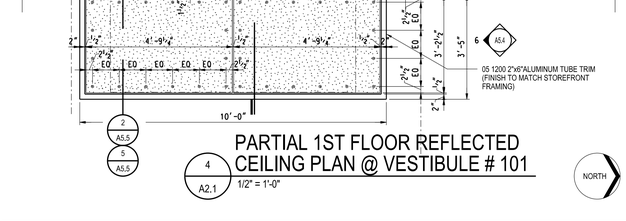

6 A5.4 PARTIAL NORTH ELEVATION @ VESTIBULE # 101
1/2" = 1'-0"




5 A5.4 PARTIAL EAST ELEVATION @ VESTIBULE # 101
1/2" = 1'-0"

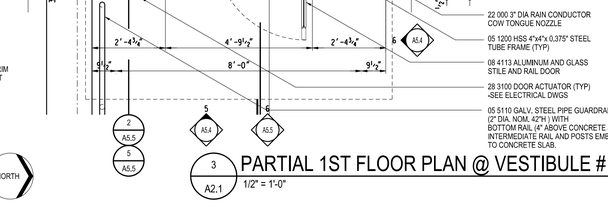



2 A4.1, A5.4 PARTIAL ELEVATION @ VESTIBULE # 103
1/2" = 1'-0"



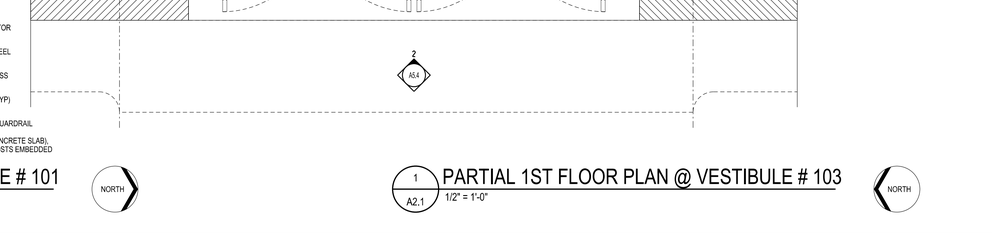

4 A2.1 PARTIAL 1ST FLOOR REFLECTED CEILING PLAN @ VESTIBULE # 101
1/2" = 1'-0"

NORTH




3 A2.1 PARTIAL 1ST FLOOR PLAN @ VESTIBULE # 101
1/2" = 1'-0"

NORTH




1 A2.1 PARTIAL 1ST FLOOR PLAN @ VESTIBULE # 103
1/2" = 1'-0"

NORTH

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M. Nowakowski
Drawn By
M. Nowakowski
Q.M. Review
N. LaForest
Approved
B. Sundberg
Drawing Scale
As Noted

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

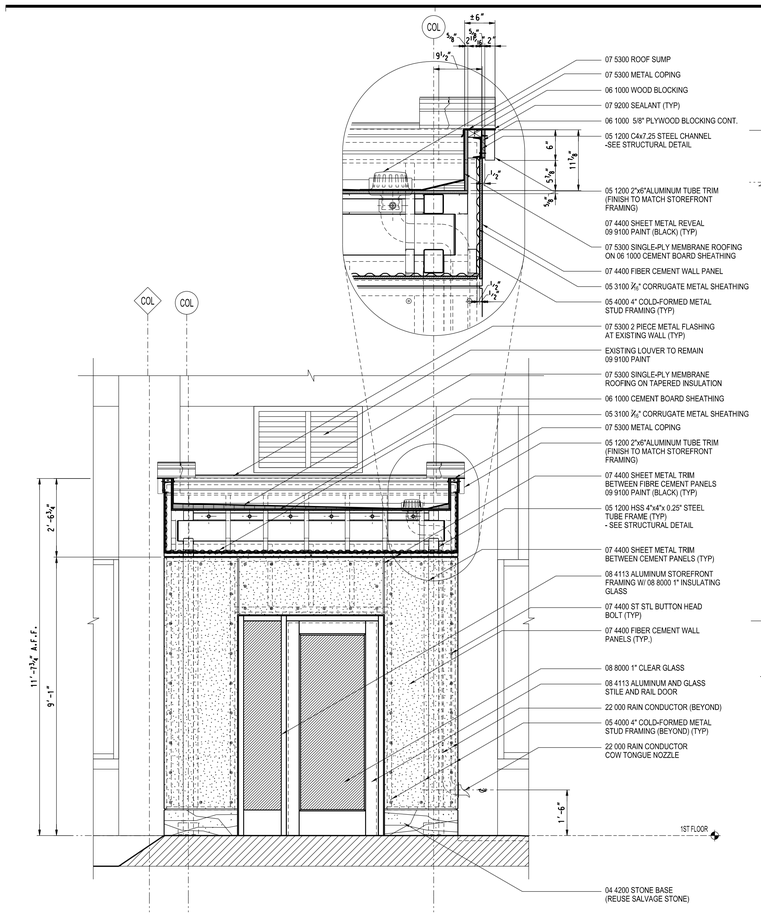


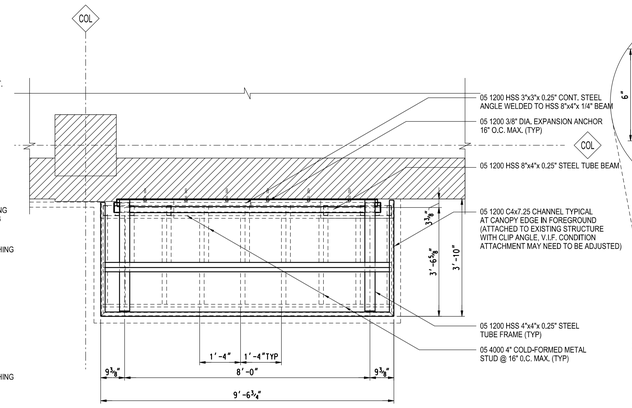
Drawing Title

## Vestibule # 101 and # 103
## - Enlarged Plans and Elevations

IDS Project Number
20174-1000

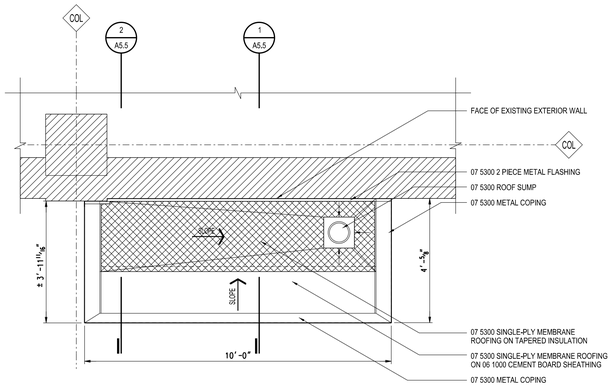
Drawing Number
A5.4

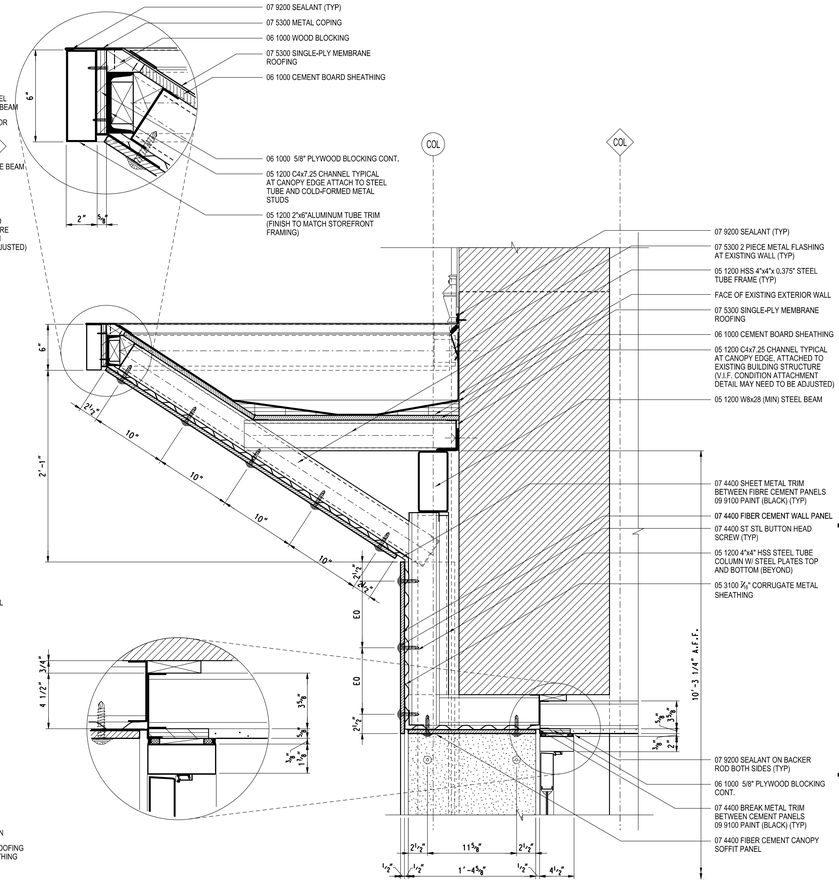



## PARTIAL PLAN @ VESTIBULE # 101
## STRUCTURAL STEEL FRAMING

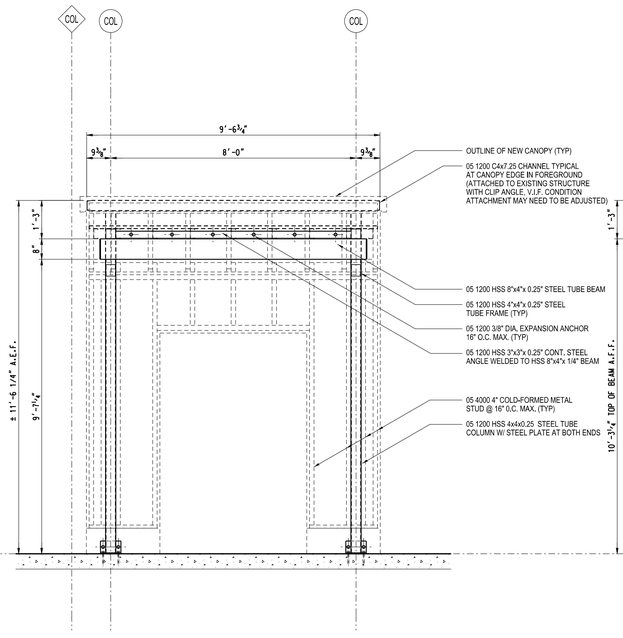
7 / A2.2 — 1/2" = 1'-0"




## LONGITUDINAL CANOPY SECTION
## @ VESTIBULE # 101

8 / A5.5 — 1/2" = 1'-0"

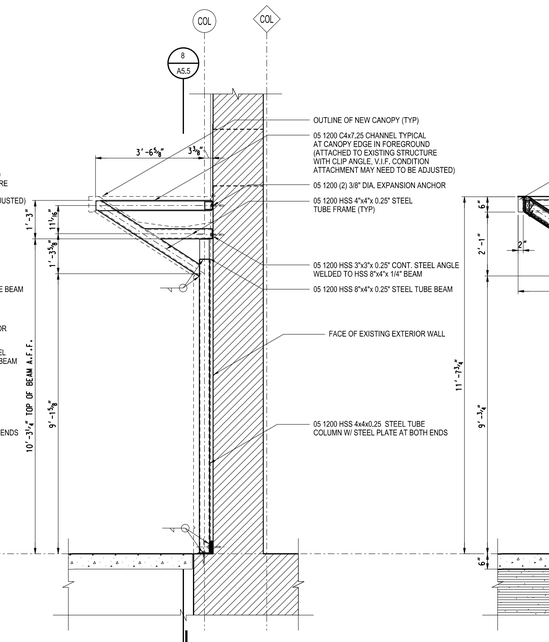



## LONGITUDINAL CANOPY SECTION
## @ VESTIBULE # 101
## STRUCTURAL STEEL FRAMING

6 / A5.4 — 1/2" = 1'-0"

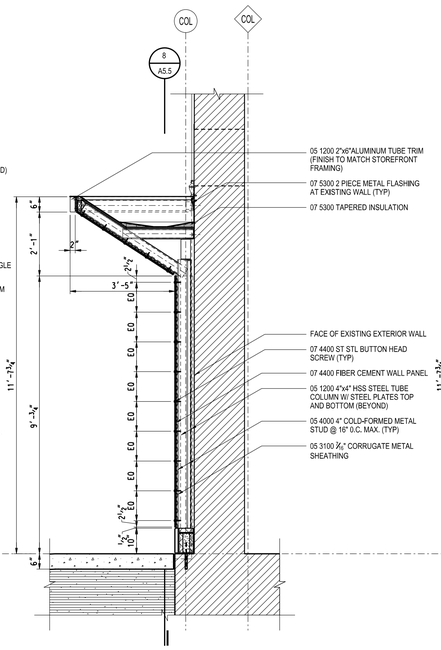
## PARTIAL CANOPY ROOF PLAN
## @ VESTIBULE # 101

4 / A2.2 — 1/2" = 1'-0"




## TRANSVERSE CANOPY SECTION
## @ VESTIBULE # 101
## STRUCTURAL STEEL FRAMING

5 / A5.4 — 1/2" = 1'-0"

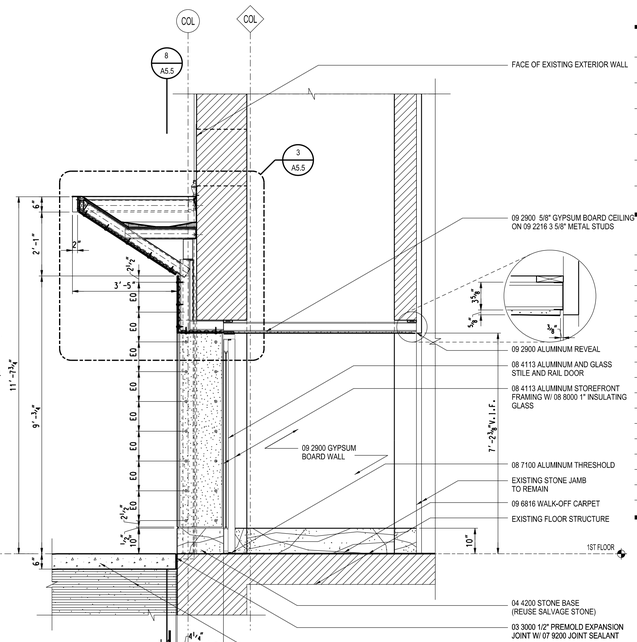



## TRANSVERSE CANOPY SECTION
## @ VESTIBULE # 101

2 / A5.4,A5.5 — 1/2" = 1'-0"

## CANOPY DETAIL @ VESTIBULE # 101

3 / A5.5 — 1 1/2" = 1'-0"




## TRANSVERSE CANOPY SECTION
## @ VESTIBULE # 101

1 / A5.4,A5.5 — 1/2" = 1'-0"

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Project Title

# Facade Upgrades
## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan

| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Approved | B. Sundberg |
| Drawing Scale | As Noted |

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |



Drawing Title

Vestibule # 101
- Sections and Details

iDS Project Number: 20174-1000

Drawing Number: A5.5

## STATEMENT OF SPECIAL INSPECTIONS

1. SPECIAL INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE 2015 MICHIGAN (INTERNATIONAL) BUILDING CODE CHAPTER 17 AND AS MODIFIED HEREIN.
2. DESIGNATIONS:
   - SI SPECIAL INSPECTOR QUALIFIED WITH DEMONSTRATED COMPETENCE DOCUMENTED BY CERTIFICATIONS FROM RECOGNIZED AGENCIES SUCH AS AWS, ACI, MASONRY INSTITUTE OF MICHIGAN (MIM), ETC., AS SUBMITTED AND APPROVED BY THE BUILDING OFFICIAL. SPECIAL INSPECTOR MAY BE A FIRM WITH MULTIPLE SPECIALISTS AND A PROJECT MANAGER PROVIDING REPORTS.
   - TA TESTING AGENCY QUALIFIED TO TEST AND INSPECT MATERIALS AND ASSEMBLIES. TESTING AGENCY SHALL BE UNDER THE SUPERVISION OF THE SPECIAL INSPECTOR.
   - GE GEOTECHNICAL ENGINEER WHO PROVIDED THE ORIGINAL PROJECT GEOTECHNICAL SOILS INVESTIGATION REPORT.
   - SE SPECIALTY ENGINEER RESPONSIBLE FOR DESIGNING ASSEMBLIES SUCH AS PRECAST CONCRETE, STEEL JOISTS, COLD FORMED FRAMING ASSEMBLIES, ETC. SPECIALTY ENGINEER SHALL PROVIDE OBSERVATION OF FABRICATED AND INSTALLED ITEMS OF THEIR DESIGN IN ADDITION TO THE SPECIAL INSPECTION.
3. TA, GE, AND SE SHALL SUBMIT RECORDS OF THE INSPECTION RESULTS TO THE SI. THE SI SHALL COMPILE AND SUBMIT INSPECTION RECORDS TO THE ARCHITECT/ENGINEER AND BUILDING OFFICIAL. RECORDS SHALL INCLUDE STATEMENTS OF TESTS, WHETHER INSTALLED/FABRICATED ITEM COMPLIES WITH CONTRACT DOCUMENTS, REMEDIAL WORK PERFORMED, RETESTS.
4. SI SHALL PROVIDE A DAILY REPORT OF ANY DISCREPANCIES FROM THE CONTRACT DOCUMENTS FOUND ON THE SAME DAY OF THE INSPECTION TO THE ENGINEER OF RECORD. FORMAL REPORTS OF COMPLIANCE CAN FOLLOW BY A MAXIMUM OF 2 WEEKS. SI SHALL PROVIDE AND SIGN FINAL REPORT WITH A SUMMARY OF ALL TESTS PERFORMED AND RESULTS TO THE ENGINEER OF RECORD AND BUILDING OFFICIAL, IN...
5. SI, TA & GE SHALL BE ENGAGED BY THE OWNER IN COMPLIANCE WITH THE MICHIGAN (INTERNATIONAL) BUILDING CODE.
6. WHERE FABRICATION OF STRUCTURAL, LOAD-BEARING, OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES IS BEING CONDUCTED ON THE PREMISES OF A FABRICATOR'S SHOP, SPECIAL INSPECTIONS OF THE FABRICATED ITEMS SHALL BE PERFORMED DURING FABRICATION. SPECIAL INSPECTIONS DURING FABRICATION ARE NOT REQUIRED WHERE THE FABRICATOR MAINTAINS APPROVED DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR CONTROL OF THE WORKMANSHIP AND THE FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND THE GOVERNING BUILDING CODE. APPROVAL SHALL BE BASED UPON REVIEW OF FABRICATION AND QUALITY CONTROL PROCEDURES AND PERIODIC INSPECTION OF FABRICATION PRACTICES BY THE BUILDING OFFICIAL. SPECIAL INSPECTIONS ARE NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1.
7. REFER TO SPECIAL INSPECTION SCHEDULES AND GENERAL STRUCTURAL NOTES FOR ADDITIONAL QUALITY CONTROL TESTING AND INSPECTIONS.

## SPECIAL INSPECTION REQUIREMENTS - STRUCTURAL STEEL

| INSPECTION TASK | INSPECTION FREQUENCY | | REFERENCED STANDARD | IBC REFERENCE | RESPONSIBLE AGENT |
|---|---|---|---|---|---|
| | CONTINUOUS | PERIODIC | | | |
| 1. INSPECTION OF STEEL FABRICATED ITEMS SHALL BE PERFORMED ON PREMISES DURING FABRICATION. | - | X | AISC QUALITY CERTIFICATION | 1704.2.5 | SI |
| A. EXCEPTIONS: SPECIAL INSPECTIONS DURING FABRICATION NOT REQUIRED WHERE THE FABRICATOR IS REGISTERED AND APPROVED IN ACCORANCE WITH SECTION 1704.2.5.1. | - | - | | | |
| 2. SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF... | X | X | AISC QUALITY CERTIFICATION | 1705.2.1 | SI |
| A. SPECIAL INSPECTION OF RAILING SYSTEMS COMPOSED OF STRUCTURAL STEEL ELEMENTS SHALL BE LIMITED TO WELDING INSPECTION OF WELDS AT THE BASE OF CANTILEVERED RAIL POSTS. | - | X | AISC QUALITY CERTIFICATION | 1705.2.1 | SI |

QUALITY CONTROL (QC) SHALL BE PROVIDED BY THE FABRICATOR AND ERECTOR.
QUALITY ASSURANCE (QA) SHALL BE PROVIDED BY OTHERS WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION, APPLICABLE BUILDING CODE, PURCHASER, OWNER, OR ENGINEER OF RECORD.

| INSPECTION TASK | INSPECTION FREQUENCY | | REFERENCED STANDARD | IBC REFERENCE | RESPONSIBLE AGENT |
|---|---|---|---|---|---|
| | QC | QA | | | |
| INSPECTION OF BOLTING | | | AISC 360, SECTION N5, TABLE N5.6-1 | 1705.2 | SI/TA |
| 1. INSPECTION TASKS PRIOR TO BOLTING: | | | | | |
| A. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS. | O | P | | | |
| B. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS. | O | O | | | |
| C. PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR... | O | O | | | |
| D. PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL. | O | O | | | |
| E. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS. | O | O | | | |
| F. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED. | P | O | | | |
| G. PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER... | O | O | | | |
| 2. INSPECTION TASKS DURING BOLTING: | | | AISC 360, SECTION N5, TABLE N5.6-2 | 1705.2 | SI/TA |
| A. FASTENER ASSMEBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED. | O | O | | | |
| B. JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION. | O | O | | | |
| C. FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTING FROM ROTATING. | O | O | | | |
| D. FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES. | O | O | | | |
| 3. INSPECTION TASKS AFTER BOLTING: | | | AISC 360, SECTION N5, TABLE N5.6-3 | 1705.2 | SI/TA |
| A. DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS. | P | P | | | |

O: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
P: PERFORM THESE TASKS FOR EACH BOLTED CONNECTION.

| INSPECTION OF WELDING: | | | | | |
|---|---|---|---|---|---|
| 1. INSPECTION TASKS PRIOR TO WELDING: | | | AISC 360, SECTION N5, TABLE N5.4-1 | 1705.2 | SI/TA |
| A. WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE. | P | P | | | |
| B. MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE. | P | P | | | |
| C. MATERIAL IDENTIFICATION (TYPE/GRADE). | O | O | | | |
| D. WELDER IDENTIFICATION SYSTEM. | O | O | | | |
| E. FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY):<br>- JOINT PREPARATION<br>- DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)<br>- CLEANLINESS (CONDITION OF STEEL SURFACES)<br>- TACKING (TACK WELD QUALITY AND LOCATION)<br>- BACKING TYPE AND FIT (IF AVAILABLE) | O | O | | | |
| F. CONFIGURATION OF FINISH AND ACCESS HOLES. | O | O | | | |
| G. FIT-UP OF FILLET WELDS:<br>- DIMENSIONS (ALIGNMENT, GAPS AT ROOT)<br>- CLEANLINESS (CONDITION OF STEEL SURFACES)<br>- TACKING (TACK WELD QUALITY AND LOCATION) | O | O | | | |
| H. CHECK WELDING EQUIPMENT. | O | - | | | |
| 2. INSPECTION TASKS DURING WELDING: | | | AISC 360, SECTION N5, TABLE N5.4-2 | 1705.2 | SI/TA |
| A. USE OF QUALIFIED WELDERS. | O | O | | | |
| B. CONTROL AND HANDLING OF WELDING CONSUMABLES:<br>- PACKAGING<br>- EXPOSURE CONTROL | O | O | | | |
| C. NO WELDING OVER CRACKED TACK WELDS. | O | O | | | |
| D. ENVIRONMENTAL CONDITIONS:<br>- WIND SPEED WITHIN LIMITS<br>- PRECIPITATION AND TEMPERATURE | | | | | |
| E. WPS FOLLOWED:<br>- SETTINGS ON WELDING EQUIPMENT<br>- TRAVEL SPEED<br>- SELECTED WELDING MATERIALS<br>- SHIELDING GAS TYPE/FLOW RATE<br>- PREHEAT APPLIED<br>- INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.)<br>- PROPER POSITION (F, V, H, OH) | O | O | | | |
| F. WELDING TECHNIQUES:<br>- INTERPASS AND FINAL CLEANING<br>- EACH PASS WITHIN PROFILE LIMITATIONS<br>- EACH PASS MEETS QUALITY REQUIREMENTS | O | O | | | |
| 3. INSPECTION TASKS AFTER WELDING: | | | AISC 360, SECTION N5, TABLE N5.4-3 | 1705.2 | SI/TA |
| A. WELDS CLEANED. | O | O | | | |
| B. SIZE, LENGTH AND LOCATION OF WELDS. | P | P | | | |
| C. WELDS MEET VISUAL ACCEPTANCE CRITERIA:<br>- CRACK PROHIBITION.<br>- WELD/BASE-METAL FUSION.<br>- CRATER CROSS SECTION.<br>- WELD PROFILES.<br>- WELD SIZE.<br>- UNDERCUT.<br>- POROSITY. | P | P | | | |
| D. ARC STRIKES. | P | P | | | |
| E. K-AREA. | P | P | | | |
| F. BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED). | P | P | | | |
| G. REPAIR ACTIVITY. | P | P | | | |
| H. DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER. | P | P | | | |

O: OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS.
P: PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER.

## SPECIAL INSPECTION REQUIREMENTS - POST-INSTALLED ANCHORS

| INSPECTION TASK | REFERENCED STANDARD | IBC REFERENCE | RESPONSIBLE AGENT |
|---|---|---|---|
| 1. INSPECT AND TEST ALL POST-INSTALLED MECHANICAL AND ADHESIVE ANCHORS MANUFACTURER'S ICC-ESR EVALUATION REPORT FOR EACH ANCHOR. | ICC-ESR FOR EACH ANCHOR | 1705.1.1 | SI / TA |

## SPECIAL INSPECTION REQUIREMENTS - FIRE RESISTANT MATERIALS

| TASK | INSPECTION FREQUENCY | | REFERENCED STANDARD | IBC REFERENCE | RESPONSIBLE AGENT |
|---|---|---|---|---|---|
| | CONTINUOUS | PERIODIC | | | |
| 1. SPRAYED FIRE-RESISTANT MATERIALS: | | | | | SI/TA |
| A. SURFACE CONDITIONS | X | - | MANUFACTURER'S REQUIREMENTS | 1705.14.2 | |
| B. APPLICATION | - | X | MANUFACTURER'S REQUIREMENTS | 1705.14.3 | |
| C. THICKNESS | X | - | ASTM E605 | 1705.14.4 | |
| D. DENSITY | - | X | ASTM E605 | 1705.14.5 | |
| E. BOND STRENGTH | - | X | ASTM E736 | 1705.14.6 | |
| 2. MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS. | - | X | AWCI 12-B | 1705.15 | SI/TA |


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Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan

Project Administrator
D. Paone
Project Designer
K. Aalderink
Project Architect / Engineer
M. Nowakowski
Drawn By
M. Nowakowski
QM. Review
N. LaForest
Approved
B. Sundberg
Drawing Scale

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |



Drawing Title

Structural
General Notes

iDS Project Number
20174-1000

Drawing Number
A5.6

## DOOR SCHEDULE

| DOOR NUMBER | DOOR | | | | | | | | FRAME | | | | DETAILS | | | HARDWARE SET | DOOR ASSEMBLY RATING | WALL RATING | REMARKS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | SIZE | | | | | | | | | | | | | | | | | | |
| | WIDTH | LEAF 1 | LEAF 2 | HEIGHT | TYPE | MATERIAL | FINISH/CC | FRGM | TYPE | MATERIAL | FINISH/CC | FRGM | HEAD | JAMB | SILL | | | | |
| 101A | 3'-0" | 3'-0" | --- | 7'-0" | G | ALUM. | ANOD | --- | D | ALUM | ANOD | --- | --- | --- | --- | 1 | | | --- |
| 101B | 3'-0" | 3'-0" | --- | 7'-0" | G | ALUM. | ANOD | --- | D | ALUM | ANOD | --- | --- | --- | --- | 2 | | | --- |
| 102A | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | A | ALUM | ANOD | --- | 1K/A9.1,3/A5.3 | 1B.1E/A9.1,6/A5.2 | 5/A5.3 | 7 | | | 5 |
| 102B | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | A | ALUM | ANOD | --- | 1K/A9.1,3/A5.3 | 1B.1E/A9.1,6/A5.2 | 5/A5.3 | 4 | | | 5 |
| 102C | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | A | ALUM | ANOD | --- | 1K/A9.1,4/A5.3 | 1E/A9.1,5/A5.2 | --- | 8 | | | 5 |
| 102D | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | A | ALUM | ANOD | --- | 1K/A9.1,4/A5.3 | 1E/A9.1,5/A5.2 | --- | 6 | | | 5 |
| 103A | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | E | ALUM | ANOD | --- | 1J/A9.1 | 1E.2G/A9.1 | 5/A5.3SIM | 3 | | | 5 |
| 103B | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | E | ALUM | ANOD | --- | 1J/A9.1 | 1E.2G/A9.1 | 5/A5.3SIM | 4 | | | 5 |
| 103C | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | E | ALUM | ANOD | --- | 1J/A9.1 | 1E.2G/A9.1 | --- | 5 | | | 5 |
| 103D | 6'-2" | 3'-1" | 3'-1" | 7'-0" | G | ALUM. | ANOD | --- | E | ALUM | ANOD | --- | 1J/A9.1 | 1E.2G/A9.1 | --- | 6 | | | 5 |
| | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | |

**DOOR SCHEDULE**
**REMARKS**

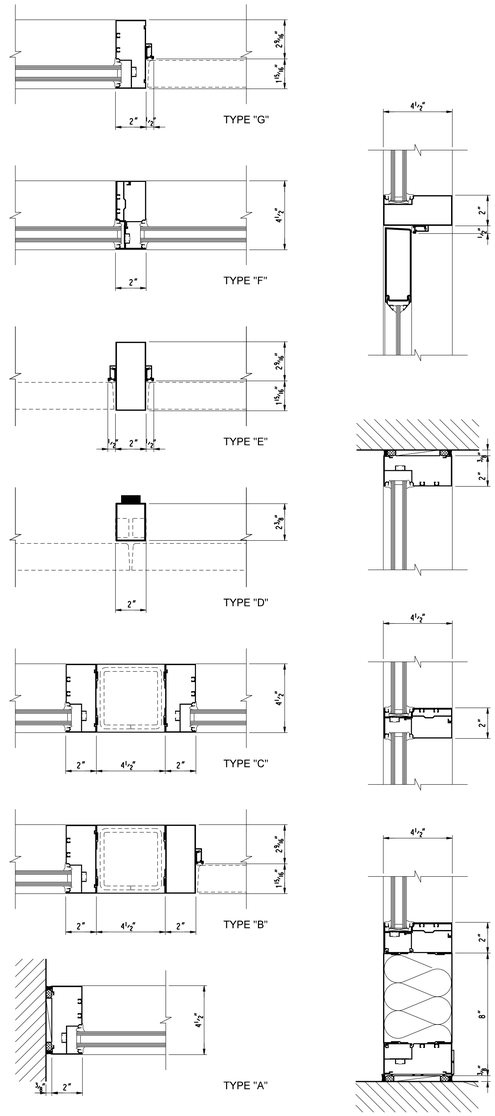
1 FROSTED GLASS
2 ALUMINUM GARAGE DOOR - REFER TO SPECIFICATIONS
3 INSULATED MOTORIZED ROLL-UP DOOR - REFER TO SPECIFICATIONS
4 OPERABLE AWNING WINDOW
5 REMOVABLE MULLION DETAIL 2D/A9.1

**DOOR SCHEDULE**
**GENERAL REMARKS**

A REFER TO THE DRAWINGS FOR DOOR LOCATIONS
B "DOOR NUMBER" CORRESPONDS TO THE DOOR NUMBER INDICATED ON THE DRAWINGS. NOTE: AT EXISTING WALL OPENINGS, FIELD VERIFY SIZE OF DOORS AND
C (DOOR) "SIZE" INDICATES THE NOMINAL WIDTH AND HEIGHT OF THE DOOR IN FEET AND INCHES. ALL DOORS ARE 1 3/4" THICK UNLESS OTHERWISE NOTED.
D "DOOR AND FRAME TYPE/MATL/FINISH" INDICATES THE CODES FOR TYPE (INDICATED ON THE DRAWINGS), MATERIAL AND FINISH.
E "CC" INDICATES THE COLOR CODE FOR FINISHES OF DOORS AND FRAMES. SEE "SCHEDULE - COLOR CODES".
F "DETAILS HEAD- JAMB-SILL" INDICATES THE DETAIL NUMBER INDICATED ON THE
G "HARDWARE SET" INDICATES HARDWARE SET NUMBERS SPECIFIED IN 08 7100 - DOOR HARDWARE.
H "DOOR ASSEMBLY RATING" INDICATES THE MINIMUM FIRE RESISTANCE RATING FOR FIRE DOORS AND/OR SIDELITES.
I "WALL RATING" INDICATES THE FIRE RESISTANCE RATING OF THE WALL CONTAINING THE DOOR.
J "FRGM" INDICATES FIRE-RATED GLAZING MARKINGS.
K "REMARKS" INDICATES ANY SPECIAL REQUIREMENTS FOR A DOOR AND FRAME - SEE "DOOR SCHEDULE - REMARKS".

**DOOR SCHEDULE**
**ABBREVIATIONS**

| | |
|---|---|
| ALUM | ALUMINUM |
| ANOD | ANODIZED |
| CC | COLOR CODES |
| (E) | EXISTING |
| FBR | FIBERGLASS |
| FRP | FIBERGLASS REINFORCED PANEL |
| FAC | FACTORY |
| GL | GLASS |
| 180 | 180 MINUTES (3 HOUR) |
| 90 | 90 MINUTES (1 1/2 HOUR) |
| 60 | 60 MINUTES (1 HOUR) |
| 45 | 45 MINUTES (3/4 HOUR) |
| 20 | 20 MINUTES (1/3 HOUR) |
| HM | HOLLOW METAL |
| HDW | HARDWARE |
| MATL | MATERIAL |
| P LAM | PLASTIC LAMINATE |
| PT | PAINT |
| PVF | POLYVINYL FLOURIDE COATING (KYNAR) |
| STN | STAIN |
| ST STL | STAINLESS STEEL |
| STL | STEEL |
| WD | WOOD |
| WM | WIRE MESH |

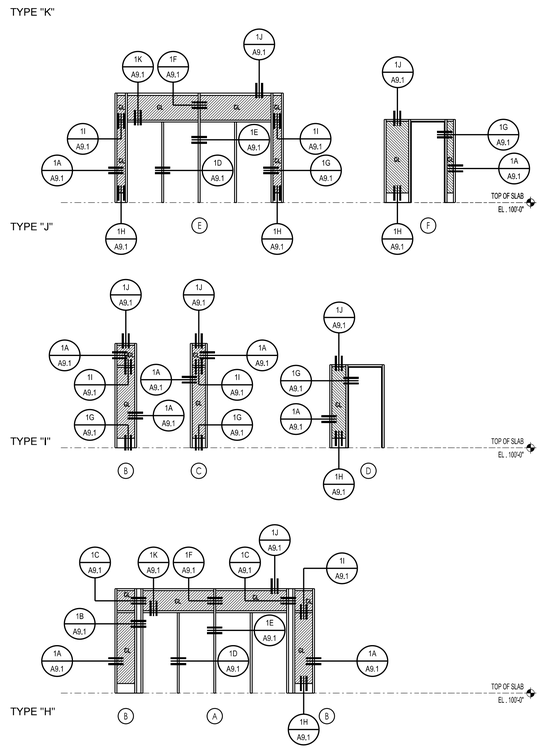






## DOOR TYPES

NOTE: NOT ALL TYPES MAY BE USED
ALL GLASS TO BE 1/4 " SAFETY GLASS EXCEPT USE FIRE RATED GLASS AT FIRE RATED DOOR, UON




1 TYPICAL ALUMINUM FRAMES (08 4126)
A9.1, DR SCH. 3" = 1'-0"

## FRAME TYPES

NOTE: NOT ALL TYPES MAY BE USED
ALL GLASS TO BE 1/4" SAFETY GLASS EXCEPT USE FIRE RATED GLASS AT FIRE RATED FRAMES, UON


INTEGRATED design SOLUTIONS
architecture engineering interiors & technology
1441 west long lake, suite 200
troy, michigan 48098
5211 cascade road SE, suite 300
grand rapids, michigan 49546
248.823.2100
www.ids-michigan.com

STRUCTURAL ENGINEER
DESAINASR CONSULTING ENGINEERS, INC.
6765 DALY ROAD
WEST BLOOMFIELD, MI 48322
248-932-2010
www.desainasr.com

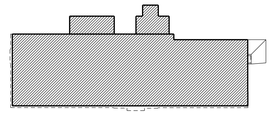

Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan



| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | K. Aalderink |
| Project Architect / Engineer | M. Nowakowski |
| Drawn By | M. Nowakowski |
| Q.M. Review | N. LaForest |
| Approved | B. Sundberg |
| Drawing Scale | As Noted |

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |



Drawing Title

Door Schedule and Details

| iDS Project Number | Drawing Number |
|---|---|
| 20174-1000 | A9.1 |

# ABBREVIATIONS

## A

| | |
|---|---|
| A | AMPERE / AMP |
| AC | ALTERNATING CIRCUIT |
| ACU | AIR CONDITIONING UNIT |
| AF | AMPERE FRAME |
| AFF | ABOVE FINISHED FLOOR |
| AHU | AIR HANDLING UNIT |
| AIC | AMPERES INTERRUPTING CAPACITY |
| ALT | ALTERNATE |
| AP | AMPERE PLUG |
| ARCH | ARCHITECT / ARCHITECTURAL |
| AS | AMPERE SENSOR |
| AT | AMPERE TRIP |
| ATS | AUTOMATIC TRANSFER SWITCH |
| AV | AUDIO / VIDEO |
| AWG | AMERICAN WIRE GAUGE |

## B

| | |
|---|---|
| BLDG | BUILDING |
| BOT | BOTTOM |
| BSMT | BASEMENT |

## C

| | |
|---|---|
| CAB | CABINET |
| CB | CIRCUIT BREAKER |
| CC | CARD CATALOG |
| CCP | CLASSROOM CONTROL PANEL |
| CCTV | CLOSED CIRCUIT TELEVISION |
| CD | CANDELA |
| CDI | COMPACT DISC INTERACTIVE |
| CHBD | CHALKBOARD |
| CKT | CIRCUIT |
| CLG | CEILING |
| COMP | COMPUTER |
| CPU | CENTRAL PROCESSING UNIT |
| CP | CONTROL PANEL |
| CT | CABLE TRAY |
| CUH | CABINET UNIT HEATER |

## D

| | |
|---|---|
| DA | DIGITALLY ADDRESSABLE |
| DC | DIRECT CURRENT |
| DEMO | DEMOLITION |
| DEMOD | DEMODULATOR |
| DEPT | DEPARTMENT |
| DIA | DIAMETER |
| DISC | DISCONNECT |
| DN | DOWN |
| DP | DISTRIBUTION PANELBOARD |
| DVD | DIGITAL VERSATILE DISC |
| DWG | DRAWING |

## E

| | |
|---|---|
| EA | EACH |
| EC | ELECTRICAL CONTRACTOR |
| EDH | ELECTRIC DUCT HEATER |
| EF | EXHAUST FAN |
| ELEC | ELECTRICAL |
| ELEV | ELEVATOR |
| EM | EMERGENCY |
| EMCS | ENERGY MONITORING AND CONTROL SYSTEM |
| EMT | ELECTRIC METALLIC TUBING |
| EP | ELECTRIC PNEUMATIC SWITCH |
| EQUIP | EQUIPMENT |
| ET | ETHERNET |
| EUH | ELECTRIC UNIT HEATER |
| EWC | ELECTRIC WATER COOLER |
| EWH | ELECTRIC WATER HEATER |
| EXIST | EXISTING |

## F

| | |
|---|---|
| FA | FIRE ALARM |
| FAAP | FIRE ALARM ANNUNCIATOR PANEL |
| FACP | FIRE ALARM CONTROL PANEL |
| FCU | FAN COIL UNIT |
| FLA | FULL LOAD AMPERES |
| FLR | FLOOR |
| FT | FOOT / FEET |
| FU | FUSE |
| FVNR | FULL VOLTAGE NON REVERSING |

## G

| | |
|---|---|
| GA | GAGE / GAUGE |
| GFI | GROUND FAULT INTERRUPTER |
| GFCI | GROUND FAULT CIRCUIT INTERRUPTER |
| GRD | GROUND |
| GYP BD | GYPSUM BOARD |

## H

| | |
|---|---|
| HH | HANDHOLE |
| HID | HIGH INTENSITY DISCHARGE |
| HOA | HAND-OFF-AUTO |
| HP | HORSEPOWER |
| HTR | HEATER |
| HV | HEATING AND VENTILATION UNIT |
| HVAC | HEATING, VENTILATION & AIR CONDITIONING |

## I

| | |
|---|---|
| IAC | INTERLOCKED ARMORED CABLE |
| IN | INCH / INCHES |
| ITS | INTEGRATED TECHNOLOGY SYSTEMS |

## J

| | |
|---|---|
| JB | JUNCTION BOX |
| JC | JANITOR CLOSET |

## K

| | |
|---|---|
| KVA | KILOVOLT AMPERE |
| KW | KILOWATT |
| KWH | KILOWATT HOUR |

## L

| | |
|---|---|
| LAN | LOCAL AREA NETWORK |
| LCP | LIGHTING CONTROL PANEL |
| LP | LIGHTING PANEL |
| LRA | LOCKED ROTOR AMPERES |
| LTG | LIGHTING |

## M

| | |
|---|---|
| MAX | MAXIMUM |
| MCB | MAIN CIRCUIT BREAKER |
| MCC | MOTOR CONTROL CENTER |
| MDF | MAIN DISTRIBUTION FRAME |
| MECH | MECHANICAL |
| MH | MANHOLE |
| MIN | MINIMUM |
| MISC | MISCELLANEOUS |
| MLO | MAIN LUGS ONLY |
| MOD | MODULATOR |
| MTD | MOUNTED |
| MTG | MOUNTING |

## N

| | |
|---|---|
| NC | NORMALLY CLOSED |
| NF | NON FUSIBLE |
| NIC | NOT IN CONTRACT |
| NL | NIGHT LIGHT |
| NO | NORMALLY OPEN |
| NTS | NOT TO SCALE |

## O

| | |
|---|---|
| OC | ON CENTER |
| OFE | OWNER FURNISHED EQUIPMENT |
| OS | OCCUPANCY SENSOR |

## P

| | |
|---|---|
| PA | PUBIC ADDRESS |
| PB | PULL BOX |
| PC | PHOTOCELL |
| PE | PNEUMATIC ELECTRIC SWITCH |
| PH | PHASE |
| PL | PILOT LIGHT |
| POS | POINT OF SALES |
| PP | POWER PANELBOARD |
| PT | POKE THROUGH |
| PTD | EMERGENCY POWER TRANSFER DEVICE |
| PVC | POLYVINYL CHLORIDE |

## R

| | |
|---|---|
| R | RELOCATE |
| R-NET | RESIDENTIAL CABLE NETWORK |
| RAF | RETURN AIR FAN |
| RCP | RECEPTACLE CONTROL PANEL |
| RECD | REQUIRED |
| RF | RADIO FREQUENCY |
| RGS | RIGID GALVANIZED STEEL |
| RMS | ROOT MEAN SQUARE |
| RP | RECEPTACLE PANEL |
| RPSS | RECEPTACLE PANEL WITH INTEGRAL SURGE SUPPRESSION |

## S

| | |
|---|---|
| SAF | SUPPLY AIR FAN |
| SD | SMOKE DETECTOR |
| SF | SQUARE FEET |
| SPECS | SPECIFICATIONS |
| SPKR | SPEAKER |
| SS | SURGE SUPPRESSION |
| STD | STANDARD |
| SUB | SUBSTATION |
| SW | SWITCH |
| SWGR | SWITCHGEAR |

## T

| | |
|---|---|
| TC | TIME CLOCK |
| TEL | TELEPHONE |
| TELCOM | TELCOMMUNICATION |
| TERM | TERMINAL |
| TKBD | TACKBOARD |
| TTB | TELEPHONE TERMINAL BACKBOARD |
| TTC | TELEPHONE TERMINAL CABINET |
| TV | TELEVISION |
| TVSS | TRANSIENT VOLTAGE SURGE SUPPRESSION |
| TYP | TYPICAL |

## U

| | |
|---|---|
| UH | UNIT HEATER |
| UL | UNDERWRITERS LABORATORIES INC. |
| UON | UNLESS OTHERWISE NOTED |
| UPS | UNINTERRUPTIBLE POWER SUPPLY |
| USB | UNIVERSAL SERIAL BUS |
| UV | UNIT VENTILATOR |

## V

| | |
|---|---|
| VCR | VIDEO CASSETTE RECORDER |
| VFC | VARIABLE FREQUENCY CONTROLLER |
| VIF | VERIFY IN FIELD |
| VP | VAPORPROOF |
| VTS | VIDEO TAPE STORAGE |

## W

| | |
|---|---|
| WAN | WIDE AREA NETWORK |
| WAP | WIRELESS ACCESS POINT |
| WG | WIRE GUARD |
| WP | WEATHERPROOF |

## X

| | |
|---|---|
| XP | EXPLOSION PROOF |

## Misc

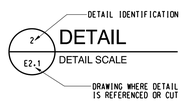
| | |
|---|---|
| 3R | NEMA 3R ENCLOSURE |
| 4X | NEMA 4X ENCLOSURE |
| ∠ | ANGLE |
| ℄ OR CL | CENTERLINE |
| Ⓒ | CHANNEL |
| ° | DEGREE / DEGREES |
| ' | FOOT / FEET |
| " | INCH / INCHES |
| # | NUMBER |
| Ⓒ | CONDUIT |
| PH | PHASE |
| W | WIRE |

# SYMBOLS

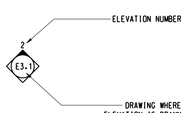
- XX — LIGHTING FIXTURE RECESSED OR SURFACE MOUNTED LETTERS INDICATE TYPE (TYP)
- XX.NL/EM — LIGHTING FIXTURE RECESSED OR SURFACE MOUNTED ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX — LIGHTING FIXTURE SUSPENDED MOUNTED LETTERS INDICATE TYPE (TYP)
- XX.NL/EM — LIGHTING FIXTURE SUSPENDED MOUNTED ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX — STRIP LIGHTING FIXTURE LETTERS INDICATE TYPE (TYP)
- XX.NL/EM — STRIP LIGHTING FIXTURE ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX OR XX — LIGHTING FIXTURE - RECESSED OR PENDANT MTD LETTERS INDICATE TYPE (TYP)
- XX.NL/EM XX.NL/EM — LIGHTING FIXTURE - RECESSED OR PENDANT MTD ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX — LIGHTING FIXTURE - SURFACE MOUNTED LETTERS INDICATE TYPE (TYP)
- XX.NL/EM — LIGHTING FIXTURE - SURFACE MOUNTED ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX — TRACK LIGHTING WITH INDICATED NUMBER OF FIXTURES - CEILING MOUNTED LETTERS INDICATE TYPE (TYP)
- XX — TRACK LIGHTING WITH INDICATED NUMBER OF FIXTURES - WALL MOUNTED LETTERS INDICATE TYPE (TYP)
- XX OR XX — LIGHTING FIXTURE - WALL MOUNTED LETTERS INDICATE TYPE (TYP)
- XX OR XX — LIGHTING FIXTURE - WALL MOUNTED ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX — LIGHTING FIXTURE - UNDERCABINET MOUNTED LETTERS INDICATE TYPE (TYP)
- XX.NL/EM — LIGHTING FIXTURE - UNDERCABINET MOUNTED ON NIGHT LIGHT OR EMERGENCY CIRCUIT LETTERS INDICATE TYPE (TYP)
- XX — EXIT LIGHTING FIXTURE SINGLE OR DOUBLE FACE WITH DIRECTIONAL ARROWS - CEILING OR PENDANT MOUNTED LETTERS INDICATE TYPE (TYP)
- XX — EXIT LIGHTING FIXTURE WITH DIRECTIONAL ARROWS - WALL MOUNTED LETTERS INDICATE TYPE (TYP)
- XX OR XX — SELF-CONTAINED EMERGENCY LIGHTING UNIT - CEILING MOUNTED LETTERS INDICATE TYPE (TYP)
- XX — SELF-CONTAINED EMERGENCY LIGHTING UNIT - WALL MOUNTED LETTERS INDICATE TYPE (TYP)
- XX — POLE MOUNTED LIGHTING FIXTURE QUANTITY OF LUMINARIES AS INDICATED LETTERS INDICATE TYPE (TYP)
- XX OR XX — SITE LIGHTING FIXTURES ADJUSTABLE FLOODS LETTERS INDICATE TYPE (TYP)
- $ — SINGLE POLE SWITCH
- $2 — DOUBLE POLE SWITCH
- $3 — THREE WAY SWITCH
- $4 — FOUR WAY SWITCH
- $K — KEY OPERATED SWITCH
- $D — DIMMER SWITCH
- $L — LIGHTING OCCUPANCY SENSOR WITH INTEGRAL ON/OFF SWITCH - WALL MOUNTED
- $L2 — LIGHTING OCCUPANCY SENSOR WITH INTEGRAL DUAL LEVEL ON/OFF SWITCH - WALL MOUNTED
- $P — SWITCH WITH PILOT LIGHT
- $T — SWITCH WITH TIMER
- $a$b — SINGLE POLE SWITCHES FOR DUAL LEVEL LIGHTING CONTROL
- $3a$3b — THREE WAY SWITCHES FOR DUAL LEVEL LIGHTING CONTROL
- LIGHTING OCCUPANCY SENSOR - CEILING MOUNTED
- LIGHTING OCCUPANCY SENSOR - WALL MOUNTED
- LC — LIGHTING CONTACTOR
- TS — TIME SWITCH
- LCP — LIGHTING CONTROL PANEL
- PHOTOELECTRIC SWITCH - CEILING MOUNTED
- PHOTOELECTRIC SWITCH - WALL MOUNTED
- PTD — EMERGENCY POWER TRANSFER DEVICE
- SINGLE RECEPTACLE OUTLET
- USB — SINGLE RECEPTACLE OUTLET WITH TWO (2) INTEGRAL USB CHARGING PORTS
- DUPLEX RECEPTACLE OUTLET
- DUPLEX RECEPTACLE OUTLET FLUSH MOUNTED IN CEILING
- A — DUPLEX RECEPTACLE OUTLET FLOOR MOUNTED LETTER INDICATES TYPE (TYP)
- DUPLEX RECEPTACLE OUTLET MOUNTED ABOVE COUNTER
- GFI — DUPLEX RECEPTACLE OUTLET WITH INTEGRAL GROUND FAULT PROTECTION
- GFI — DUPLEX RECEPTACLE OUTLET CONNECTED TO UPSTREAM GROUND FAULT PROTECTION DEVICE
- SS — DUPLEX RECEPTACLE OUTLET WITH INTEGRAL SURGE SUPPRESSION
- SS — DUPLEX RECEPTACLE OUTLET CONNECTED TO UPSTREAM SURGE SUPPRESSION DEVICE
- USB — DUPLEX RECEPTACLE OUTLET WITH TWO (2) INTEGRAL USB CHARGING PORTS
- DUPLEX RECEPTACLE OUTLET SPLIT WIRED
- IG — DUPLEX RECEPTACLE OUTLET WITH ISOLATED GROUND
- QUAD RECEPTACLE OUTLET
- QUAD RECEPTACLE OUTLET MOUNTED ABOVE COUNTER
- SS SS — QUAD RECEPTACLE OUTLET WITH ONE (1) INTEGRAL SURGE SUPPRESSION TYPE RECEPTACLE AND ONE (1) SURGE SUPPRESSION PROTECTED RECEPTACLE
- SPECIAL OUTLET- SIZES AND TYPES DENOTED ON DRAWINGS
- DC — DC POWER SYSTEM - SERVICE OUTLET
- DC/PS — DC POWER SYSTEM- POWER SUPPLY
- POWER/COMMUNICATIONS POLE
- SPECIAL POWER CONNECTION
- CD — CORD DROP
- PCT — POKE THROUGH ASSEMBLY LETTER INDICATES TYPE (TYP)
- JUNCTION BOX - CEILING MOUNTED
- J — JUNCTION BOX - WALL MOUNTED
- PUSHBUTTON STATION
- E — PUSHBUTTON STATION - EMERGENCY POWER SHUTDOWN
- I — INTERCOM CALL BUTTON
- IP — INTERCOM CALL BUTTON WITH PRIVACY
- HORIZONTALLY MOUNTED MULTI-OUTLET RACEWAY
- HORIZONTALLY MOUNTED MULTI-OUTLET RACEWAY WITH VERTICAL FEED
- VERTICALLY MOUNTED MULTI-OUTLET RACEWAY
- BUS DUCT
- EQUIPMENT MOUNTING BACKBOARD
- 208/120V PANELBOARD
- 480/277V PANELBOARD
- DISTRIBUTION OR POWER PANELBOARD
- SINGLE PHASE MOTOR
- THREE PHASE MOTOR
- MAGNETIC MOTOR STARTER
- 30/30A — COMBINATION MAGNETIC MOTOR STARTER - SWITCH SIZE / FUSE SIZE
- 30/NF — DISCONNECT SWITCH-SWITCH SIZE/NONFUSIBLE
- 30/30A — DISCONNECT SWITCH-FUSIBLE - SWITCH SIZE / FUSE SIZE
- 30A — DISCONNECT SWITCH - CIRCUIT BREAKER BREAKER SIZE
- VFC — VARIABLE FREQUENCY CONTROLLER
- MAGNETIC CONTACTOR
- MANUAL MOTOR STARTER
- PACKAGED EQUIPMENT WITH INTEGRALLY MOUNTED PREWIRED CONTROL PANEL
- FURNISHED AS INTEGRAL PART OF EQUIPMENT
- T-1 — TRANSFORMER
- GROUND ROD
- LIGHTNING PROTECTION AIR TERMINAL
- CEILING MOUNTED FAN
- SINGLE FACED CLOCK - CEILING MOUNTED
- DOUBLE FACED CLOCK - CEILING MOUNTED
- SINGLE FACED CLOCK - WALL MOUNTED
- DOUBLE FACED CLOCK - WALL MOUNTED
- COMBINATION SPEAKER/CLOCK PANEL-WALL MOUNTED
- COMBINATION SPEAKER / CLOCK PANEL - CEILING MOUNTED
- CEILING MOUNTED SPEAKER
- CEILING MOUNTED SPEAKER CLUSTER
- WALL MOUNTED SPEAKER
- M — MICROPHONE OUTLET - CEILING MOUNTED
- MICROPHONE OUTLET - WALL MOUNTED
- A — AUXILIARY OUTLET - WALL MOUNTED
- V — VOLUME CONTROL - WALL MOUNTED
- B — BELL - WALL MOUNTED
- C — CHIME - WALL MOUNTED
- HORN SPEAKER - WALL MOUNTED
- HORN SPEAKER - CEILING MOUNTED
- SCR — CARD READER - SECURITY SYSTEM
- SC — DOOR CONTACT - SECURITY SYSTEM
- SK — KEY SWITCH - SECURITY SYSTEM
- SMD — MOTION DETECTOR - SECURITY SYSTEM
- CCTV — CLOSED CIRCUIT VIDEO CAMERA - SECURITY SYSTEM
- F — FIRE ALARM PULL STATION
- FD — AUDIO/VISUAL FIRE ALARM INDICATING DEVICE - WALL MOUNTED
- FAV — AUDIO VISUAL FIRE ALARM INDICATING DEVICE - CEILING MOUNTED
- FV — VISUAL FIRE ALARM INDICATING DEVICE - WALL MOUNTED
- FA — AUDIO FIRE ALARM INDICATING DEVICE - WALL MOUNTED
- FA — AUDIO FIRE ALARM INDICATING DEVICE - CEILING MOUNTED
- FSD — AREA SMOKE DETECTOR - WALL MOUNTED
- FSD — AREA SMOKE DETECTOR - CEILING MOUNTED
- FTD — TEMPERATURE DETECTOR
- FDD — DUCT SMOKE DETECTOR
- FDR — MAGNETIC DOOR HOLDER/RELEASE
- FWF — WATER FLOW SWITCH
- FTS — TAMPER SWITCH
- FIRE FIGHTER TELEPHONE JACK
- FACP — FIRE ALARM CONTROL PANEL
- FSCP — FIRE SUPPRESSION SYSTEM CONTROL PANEL
- FAAP — FIRE ALARM REMOTE ANNUNCIATOR PANEL
- N — SINGLE BED STATION - NURSE CALL
- N2B — DOUBLE BED STATION - NURSE CALL
- NBB — BATHROOM STATION - NURSE CALL
- NBC — BATHROOM STATION PULL CORD - NURSE CALL
- CB — CODE BLUE PUSHBUTTON - NURSE CALL
- NDS — DUTY STATION - NURSE CALL
- NE — EMERGENCY STATION - NURSE CALL
- NMS — MASTER STATION - NURSE CALL
- NPS — POWER SUPPLY- NURSE CALL
- NSS — STAFF STATION - NURSE CALL
- DOME LIGHT WALL MOUNTED - NURSE CALL
- C — DOME LIGHT CEILING MOUNTED - NURSE CALL
- DOME LIGHT WITH CODE BLUE WALL MOUNTED - NURSE CALL
- C — DOME LIGHT WITH CODE BLUE CEILING MOUNTED - NURSE CALL
- COMMUNICATIONS OUTLET - WALL MOUNTED
- TV — TELEVISION OUTLET - WALL MOUNTED
- W — TELEPHONE OUTLET - WALL MOUNTED
- COMMUNICATIONS OUTLET - WALL MOUNTED ABOVE COUNTER
- C — COMMUNICATIONS OUTLET - CEILING MOUNTED
- A — COMMUNICATIONS OUTLET - FLOOR MOUNTED LETTER INDICATES FACEPLATE TYPE
- A — COMBINATION POWER/COMMUNICATIONS OUTLET - FLOOR MOUNTED LETTER INDICATES FACEPLATE TYPE
- CLASSROOM CONTROL PANEL CCP-XXX (XXX=CLASSROOM NUMBER) SSZ-ZZZ (PANEL AND CKT NUMBER)
- CEILING MOUNTED MONITOR
- WALL MOUNTED MONITOR OR SINGLE ARM MOUNTING
- PROJECTOR - SUSPENDED MOUNTED
- PROJECTOR - RECESSED MOUNTED (MOTOR LIFT)
- A — AMPERE METER
- V — VOLT METER
- W — WATT METER
- M — METER
- PF — POWER FACTOR METER
- KWH — KILOWATT HOUR METER
- KW — KILOWATT METER
- AS — AMPERE SWITCH
- VS — VOLT SWITCH
- K — KIRK KEY INTERLOCK
- CIRCUIT BREAKER
- DISCONNECT SWITCH
- FUSE
- TRANSFORMER
- TRANSFER SWITCH
- OLS — THERMAL OVERLOAD
- CONTACTS
- XX/XNG — INDICATES WIRE SIZE AND CONDUIT SIZE
- GFI — GROUND FAULT PROTECTION
- DRAWOUT CIRCUIT BREAKER
- S2 — AIR-MAG / VACUUM CIRCUIT BREAKER
- ENGINE GENERATOR
- SYSTEM OR EQUIPMENT GROUND
- EXOTHERMIC WELD OR BRAZED CONNECTION
- G — GROUND CABLE
- CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE OR EXPOSED IN UNFINISHED AREAS
- CONDUIT IN OR BELOW FLOOR SLAB OR BELOW GRADE
- RACEWAY TURNED UP
- RACEWAY TURNED DOWN
- X — SEAL-OFF - CONDUIT SEAL
- CT — CABLE TRAY
- P — UNDERFLOOR DUCT - POWER
- HP — UNDERFLOOR HEADER DUCT - POWER
- C — UNDERFLOOR DUCT - COMMUNICATIONS
- HC — UNDERFLOOR HEADER DUCT - COMMUNICATIONS

# SYMBOL LEGEND

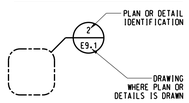
DETAIL SYMBOL




ELEVATION SYMBOL

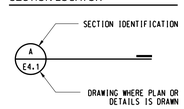



PLAN OR DETAIL ENLARGEMENT

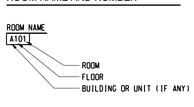



COLUMN CENTERLINE

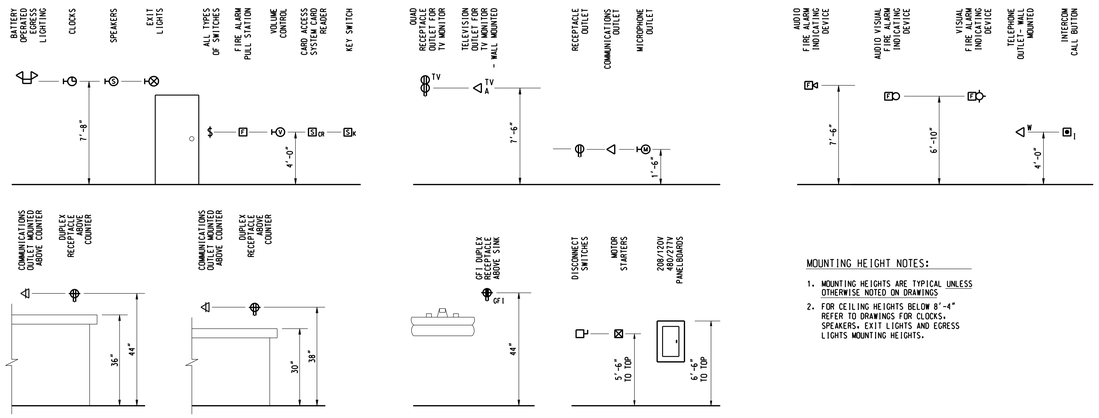

SECTION LOCATOR




ROOM NAME AND NUMBER




# MOUNTING HEIGHTS




MOUNTING HEIGHT NOTES:

1. MOUNTING HEIGHTS ARE TYPICAL UNLESS OTHERWISE NOTED ON DRAWINGS
2. FOR CEILING HEIGHTS BELOW 8'-4" REFER TO DRAWINGS FOR CLOCKS, SPEAKERS, EXIT LIGHTS AND EGRESS LIGHTS MOUNTING HEIGHTS.

GENERAL NOTES:

1. ALL WORK AND EQUIPMENT SHALL CONFORM TO NEC. THE MEANS AND METHODS USED BY THIS CONTRACTOR SHALL CONFORM TO NEC SECTION 110-3 (a AND b).

# ELECTRICAL DRAWING INDEX



# PROJECT GENERAL NOTES

1. ALL ITEMS SHOWN AS HATCHED ON DEMOLITION DRAWINGS SHALL BE DISCONNECTED AND REMOVED. LIGHT LINE WEIGHT INDICATES EXISTING EQUIPMENT TO REMAIN.
2. ITEMS DENOTED BY THE LETTER "R" INDICATE EXISTING EQUIPMENT TO BE RELOCATED. THESE ITEMS SHALL BE DISCONNECTED, REMOVED AND STORED FOR REINSTALLATION IN NEW LOCATIONS AS INDICATED ON NEW WORK PLANS.
3. WHERE APPLICABLE AND NOT SPECIFICALLY INDICATED OTHERWISE, EXISTING IN PLACE CONDUITS, JUNCTION BOXES, PULL BOXES AND HANGERS MAY BE REUSED FOR NEW WORK PROVIDING THAT THE INSTALLATION IS IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
4. WHERE CONDUITS ARE ROUTED CONCEALED IN WALL CAVITIES FOR ELECTRICAL EQUIPMENT INDICATED TO BE REMOVED, ABANDON THE CONDUIT CONCEALED IN THE WALL CAVITY. REMOVE THE CONDUIT EXITING THE WALL CAVITY INTO THE CEILING SPACE BEYOND THE FIRST FITTING OR JUNCTION BOX. REMOVE ALL SURFACE MOUNTED OUTLET BOXES ASSOCIATED WITH THE CONDUIT SYSTEM. ABANDON ALL FLUSH MOUNTED OUTLET BOXES ASSOCIATED WITH THE CONDUIT SYSTEM IN PLACE AND PROVIDE NEW BLANK COVER PLATES.
5. ALL NEW CONDUIT ROUTES SHALL BE VERIFIED, DETERMINED IN FIELD. PROVIDE LAYOUT DRAWINGS INDICATING PROPOSED CONDUIT LOCATIONS TO ARCH/ENG. FOR APPROVAL PRIOR TO INSTALLATION. THESE SHALL BE DOCUMENTED ON THE FINAL AS-BUILTDOCUMENTS.
6. DISCONNECT AND REMOVE ALL ELECTRICAL EQUIPMENT AS INDICATED INCLUDING HANGERS, PULL BOXES, JUNCTION BOXES, CONDUIT AND WIRING FROM THE POWER SOURCE TO THE UTILIZATION EQUIPMENT.
7. WHERE REMOVAL OF CONDUIT AND WIRING AFFECTS THE OPERATION OF "UPSTREAM" AND/OR "DOWNSTREAM" UTILIZATION EQUIPMENT WHICH WAS NOT INDICATED TO BE REMOVED, PROVIDE ADDITIONAL CONDUIT AND WIRING TO RESTORE THE "UPSTREAM" AND "DOWNSTREAM" UTILIZATION EQUIPMENT TO ITS NORMAL OPERATION.
8. FURNISH ALL LABOR, MATERIALS, EQUIPMENT, AND SUPERVISION REQUIRED TO COMPLETE ALL DEMOLITION OF EXISTING ELECTRICAL EQUIPMENT AS SPECIFIED OR INDICATED. DISCONNECT, REMOVE AND RELOCATE ALL ITEMS AS REQUIRED TO FACILITATE THE NEW CONSTRUCTION. COORDINATE THE DEMOLITION REQUIREMENTS WITH ALL OTHER TRADES AND THE NEW WORK PLANS.
9. EXISTING LIGHTING BRANCH CIRCUITS TO REMAIN FOR REUSE UNLESS OTHERWISE NOTED.EXTEND CONDUIT AND WIRE AS NECESSARY.

   CONNECT EXIT LIGHTING TO THE SAME LIGHTING BRANCH CIRCUIT SERVING THE NORMAL LIGHTING IN THE AREA AHEAD OF ANY LOCAL SWITCHING DEVICES.
11. ALL 120 VOLT, 20 AMPERE BRANCH CIRCUITS EXCEEDING 100'-0" IN LENGTH SHALL BE INSTALLED USING MINIMUM #10 AWG CONDUCTORS. FOR 120V BRANCH CIRCUITS SERVING LIGHTING POWER SUPPLIES, CONFIRM VOLTAGE DROP REQUIREMENTS OF POWER SUPPLY MANUFACTURER AND ADJUST WIRE=CONDUIT SIZE AS REQUIRED FOR ACTUAL FIELD CONDITIONS.
12. ALL NEW LIGHTING SWITCH LEGS SERVING 0-10V DIMMABLE LIGHT FIXTURES SHALL CONSIST OF 2#12 AWG.1#12 AWG GRD. (LINE VOLTAGE) AND 2#18 AWG. VIOLET AND GREY (0-10 VOLT CONTROL WIRING) WITH 600 VOLT INSTALLATION WITHIN THE SAME RACEWAY FROM DIMMER SWITCH TO NEW LED LIGHTING FIXTURES.
13. EXISTING PANEL CIRCUITING:
    A. 120 VOLT, 20A-1P BRANCH CIRCUITS SHALL NOT BE LOADED IN EXCESS OF 1500VA.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Project Title

**Facade Upgrades**

**the Platform**

7300 Woodward Ave.
Detroit, MI 48202

Key Plan

| | |
|---|---|
| Project Administrator | D. Paone |
| Project Designer | N. Furgason |
| Project Architect / Engineer | N. Furgason |
| Drawn By | N. Furgason |
| Q.M. Review | T. Carron |
| Approved | M. Nowicki |
| Drawing Scale | No Scale |

| Issued for | Issue Date |
|---|---|
| 50% Owner Review | 09-24-2020 |
| Quality Management | 01-22-2021 |
| Bids | 06-03-2022 |

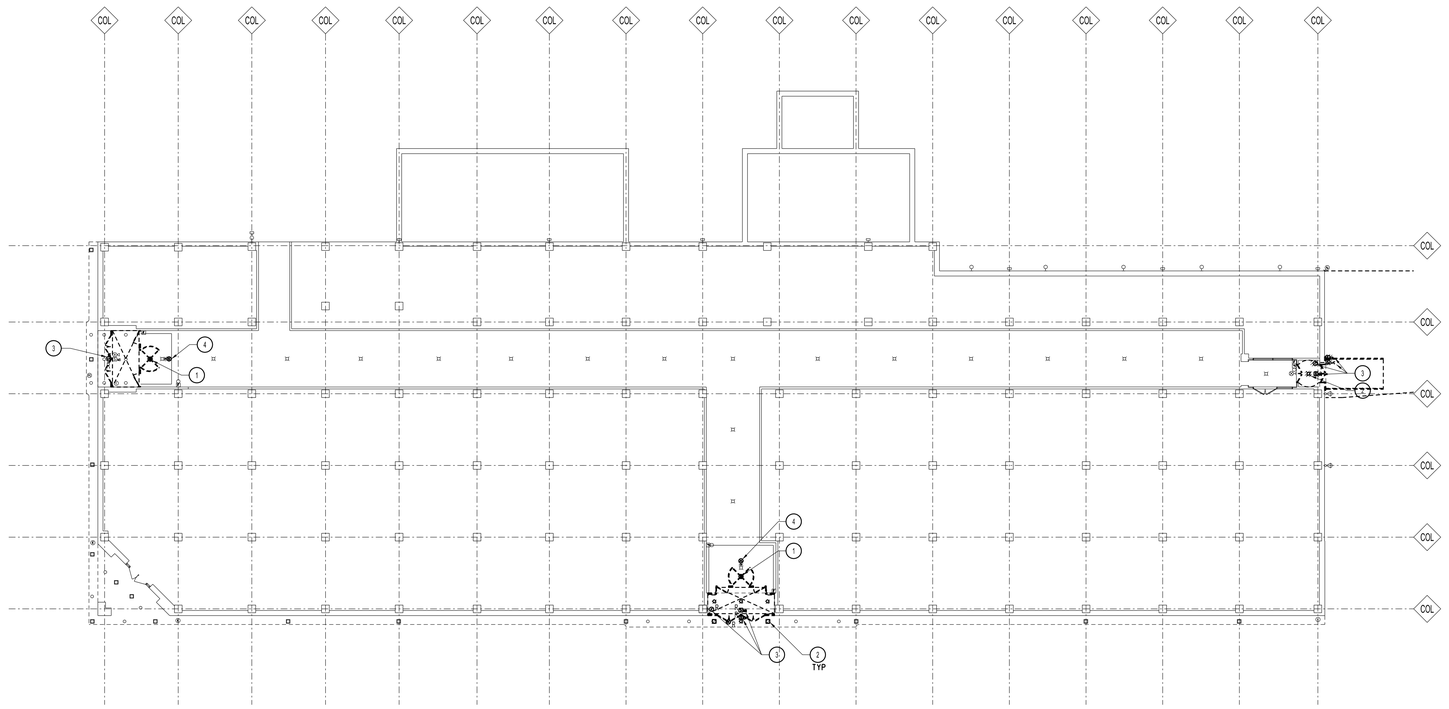


Drawing Title

Electrical Reference Information

IDS Project Number: 20174-1000

Drawing Number: ER.0

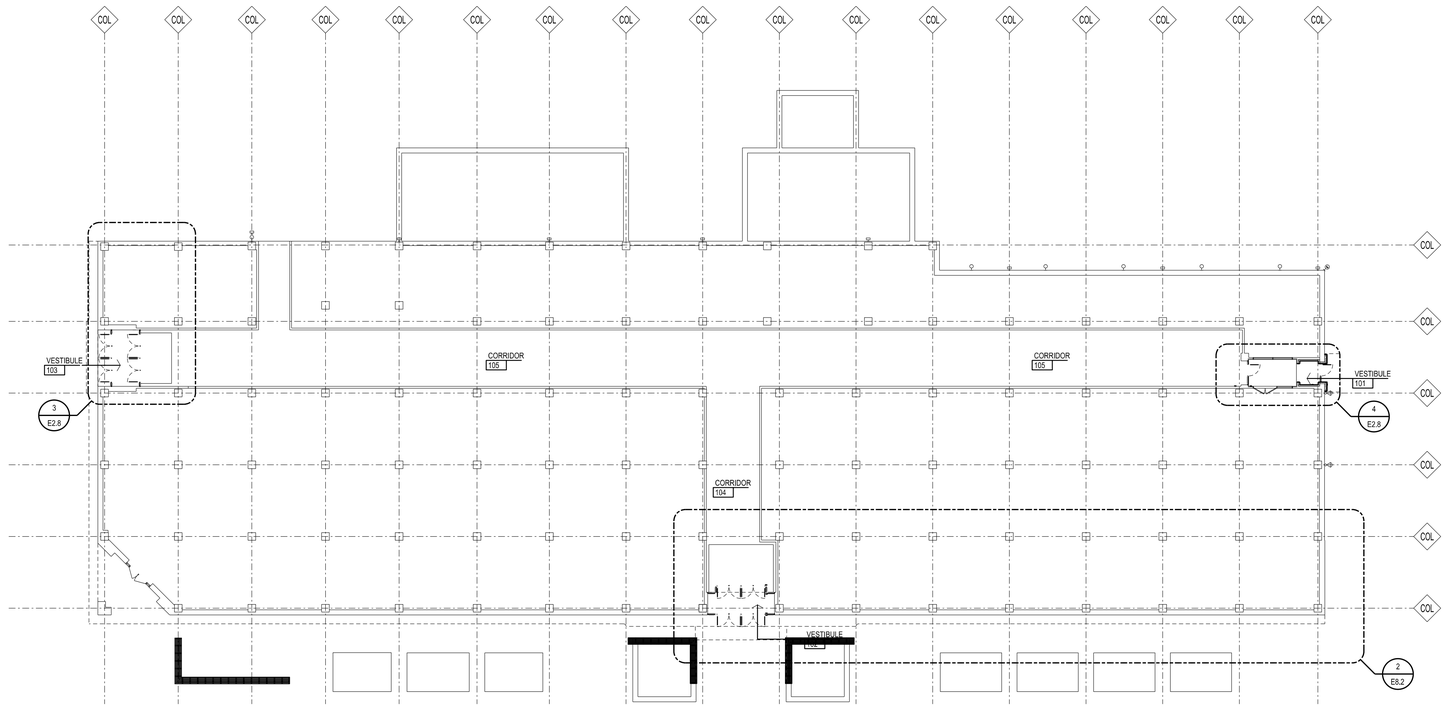



## DEMOLITION PLAN - FIRST FLOOR

1/16" = 1'-0"

## KEYNOTES

1. DISCONNECT POWER FOR TURN-STILE DOOR. CIRCUIT TO REMAIN FOR REUSE WITH NEW DOOR.
2. REMOVE SOFFIT AND VESTIBULE LIGHTING AS INDICATED. EXISTING LIGHTING BRANCH CIRCUIT TO REMAIN FOR REUSE WITH NEW LIGHTING.
3. DISCONNECT AND SALVAGE ACCESS CONTROLS/SECURITY DEVICE FOR REUSE. PULL CABLES BACK TO PROTECTED LOCATION FOR RECONNECTION.
4. DISCONNECT AND SALVAGE EXIT SIGN FOR REUSE. PULL BRANCH CIRCUIT BACK TO NEAREST JUNCTION BOX FOR EXTENSION TO NEW LOCATION.




## COMPOSITE PLAN - FIRST FLOOR

1/16" = 1'-0"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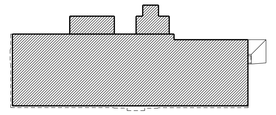
Project Title

# Facade Upgrades

## the Platform

7300 Woodward Ave.
Detroit, MI 48202

Key Plan

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| Project Architect / Engineer | N. Furgason |
| Drawn By | N. Furgason |
| Q.M. Review | T. Carron |
| Approved | M. Nowicki |
| Drawing Scale | As Noted |

| Issued for | Issue Date |
|---|---|
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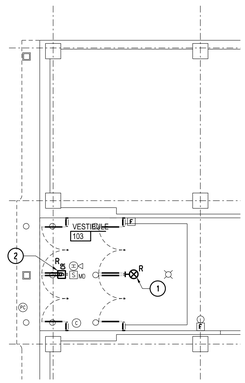
Drawing Title

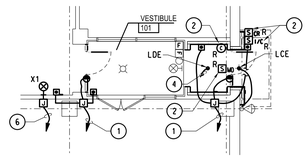
First Floor Demolition and
First Floor Composite Plan

| iDS Project Number | Drawing Number |
|---|---|
| 20174-1000 | E2.1 |



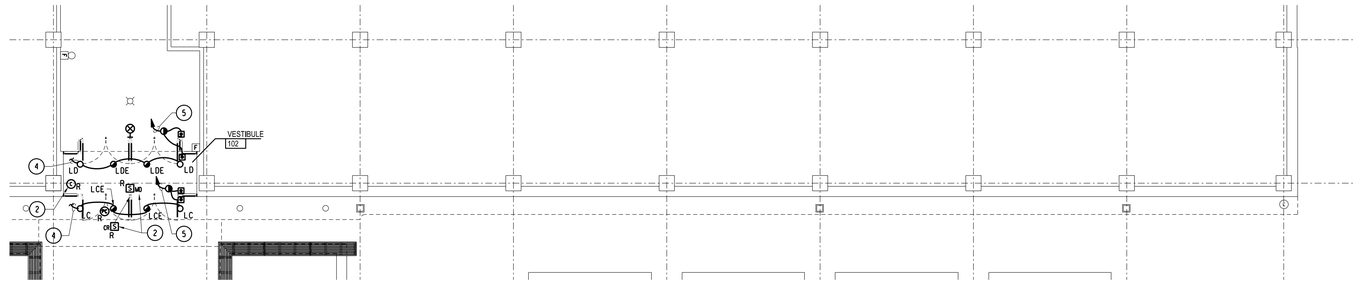

PARTIAL FIRST FLOOR
ELECTRICAL NEW WORK PLAN

3 E2.1 1/8" = 1'-0"




PARTIAL FIRST FLOOR
ELECTRICAL NEW WORK PLAN

4 E2.1 1/8" = 1'-0"




PARTIAL FIRST FLOOR ELECTRICAL NEW WORK PLAN

2 E2.1 1/8" = 1'-0"

## GENERAL NOTES

1. ALL EMERGENCY LIGHTING FIXTURES WITH REMOTE OR INTEGRAL EMERGENCY BATTERY PACKS SHALL BE WIRED AS REQUIRED BY MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE POWER SENSING HOMERUN TO UNSWITCHED SIDE OF LOCAL BRANCH LIGHTING CIRCUIT AS REQUIRED.
2. COORDINATE EXACT LOCATION OF ALL LIGHT FIXTURES WITH ARCHITECTURAL DRAWINGS.

## KEYNOTES

1. REINSTALL SALVAGED EXIT SIGN. MODIFY AND EXTEND EXISTING BRANCH CIRCUIT AS REQUIRED
2. REINSTALL SALVAGED SECURITY DEVICE AND MODIFY AND EXTEND EXISTING WIRING AS REQUIRED.
3. PROVIDE NEW 120V BRANCH CIRCUIT FOR MOTOR OPERATED ACCESSIBLE DOORS FROM SPARE 1P CIRCUIT BREAKER IN NEARBY RECEPTACLE PANEL. ROUTE CONDUIT CONCEALED IN ADJACENT SPACES AND CORE THROUGH STONE WALL SKIN AT SERVICE POINT. COORDINATE ROUTING IN FIELD.
4. MODIFY AND EXTEND EXISTING BRANCH LIGHTING CIRCUIT FOR NEW LAYOUT.
5. MODIFY AND EXTEND EXISTING POWER OPERATED DOOR CIRCUIT FOR NEW POWER OPERATED DOORS.
6. INTERUPT EXISTING EXIT SIGN BRANCH CIRCUIT IN A CONCEALED ACCESSIBLE LOCATION AND MODIFY AND EXTEND TO NEW LOCATION.

## LIGHTING FIXTURE SCHEDULE

**LC** 6" (NOMINAL) ROUND APERTURE, EXTERIOR RECESSED LED DOWNLIGHT LUMINAIRE WITH: GALVANIZED STEEL OR CAST ALUMINUM MOUNTING FRAME AND HOUSING, 5" MAXIMUM DEPTH, TAMPER RESISTANT CAPTIVE STAINLESS STEEL HARDWARE, STAINLESS STEEL BEZEL, IMPACT RESISTANT FROSTED POLYCARBONATE LENS (OR TEMPERED GLASS), SILICON SEALANT OR GASKETING, BRUSHED ALUMINUM FINISH, OVERLOAD AND SHORT CIRCUIT PROTECTION, INTEGRAL DRIVER DISCONNECT, INTEGRAL FUSING EXTERNAL TO THE DRIVER, UL LISTED FOR WET LOCAITON USE, 120 VOLT OPERATION.

MANUFACTURER: SPECTRUM LTG: SGRTP6LED0S SERIES
VANTAGE LED: VVR6VEFLED SERIES
LIGMAN LTG: UWD-800XX SERIES
WE-EF LTG: 630-4357 SERIES

LIGHT SOURCE: 2000 MINIMUM LUMENS, 80CRI, 3500K CCT LED PACKAGE

WATTAGE: 30 WATTS

**LCE** SAME AS LC, EXCEPT WITH REMOTE OR COLD WEATHER INTEGRAL EM BATTERY PACK AND REMOTE TEST SWITCH PRODUCING 525 MIN LUMENS. LOCATE EM BATTERY PACK ABOVE ACCESSIBLE LOCATION WITHIN VESTIBULE.

MANUFACTURER: SPECTRUM LTG: SGRTP6LED0S SERIES
VANTAGE LED: VVR6VEFLED SERIES
LIGMAN LTG: UWD-800XX SERIES
WE-EF LTG: 630-4357 SERIES

LIGHT SOURCE: 2000 MINIMUM LUMENS, 80CRI, 3500K CCT LED PACKAGE

WATTAGE: 30 WATTS

**LD** 4" (NOMINAL) ROUND APERTURE, RECESSED OPEN LED DOWNLIGHT LUMINAIRE WITH: 7-1/2" MAXIMUM HOUSING DEPTH, SELF-FLANGED MATTE DIFFUSE REFLECTOR WITH WHITE PAINTED FLANGE, MEDIUM DISTRIBUTION, REGRESSED LENS, ACCOMMODATIONS FOR CEILING THICKNESS TO 1-1/2", LEDS AND POWER SUPPLY SERVICEABLE FROM BELOW, 0-10V DIMMABLE (TO 10%) ELECTRONIC POWER SUPPLY WIRED FOR DIMMING, OVERLOAD AND SHORT CIRCUIT PROTECTION, INTEGRAL DRIVER DISCONNECT, INTEGRAL FUSING EXTERNAL TO THE DRIVER, ENERGY STAR CERTIFIED, UL LISTING FOR DAMP LOCATIONS; 120 VOLT OPERATION.

MANUFACTURER: ACUITY GOTHAM: EVO SERIES
COOPER PORTFOLIO: LO4B SERIES
PHILIPS CALCULITE: C4L SERIES
CONTECH: R4NC SERIES
LUCIFER: F4RFFD SERIES
HE WILLIAMS: 4DR SERIES

LIGHT SOURCE: 1000 MINIMUM LUMENS, 80CRI, 3500K CCT LED PACKAGE

WATTAGE: 10 WATTS

**LDE** SAME AS TYPE LD, EXCEPT: INCLUDE EMERGENCY BATTERY PACK WITH REMOTE MOUNTED TEST SWITCH RATED FOR 1000 LUMENS PROVIDING CONSTANT ILLUMINATION FOR 90 MINUTES.

MANUFACTURER: ACUITY GOTHAM: EVO SERIES
COOPER PORTFOLIO: LO4B SERIES
PHILIPS CALCULITE: C4L SERIES
CONTECH: R4NC SERIES
LUCIFER: F4RFFD SERIES
HE WILLIAMS: 4DR SERIES

LIGHT SOURCE: 1000 MINIMUM LUMENS, 80CRI, 3500K CCT LED PACKAGE

WATTAGE: 10 WATTS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# Facade Upgrades

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Drawing Title

Partial New Work
Electrical Plans

| IDS Project Number | Drawing Number |
|---|---|
| 20174-1000 | E2.8 |