

ABBREVIATIONS

Table of abbreviations including symbols like a circle with a diagonal line, and terms like ROUND, PERPENDICULAR, AND, AT, ANGLE, CHANNEL, AREA DRAIN, AIR CONDITIONING, ABOVE, ACOUSTICAL TILE, ADJACENT, APPROVED, ARCHITECT(URAL), ASPHALT, ASSEMBLY, BAMBOO FLOORING, BUILDING LINE, BOTTOM OF CURB, BOTTOM OF FOOTING, BOTTOM OF SLAB, BOTTOM OF WALL, BOARD OF STANDARDS AND APPEALS, BULLETIN BOARD, BOARD, BUILDING, BLOCK, BLOCKING, BEAM, BRONZE BEARING, BRACKET, BRONZE, BOTH SIDES, BUILT UP ROOFING, COUNTER FLASHING, CEILING HEIGHT, CAST IRON, CAST-IN PLACE, CABINET, CATCH BASIN, CHALKBOARD, CEMENT, CERAMIC, CHAMFER, CIRCLE, CIRCUMFERENCE, CONTROL JOINT, CALK OR CAULK (ING), CENTER LINE, CEILING.

Table of abbreviations including terms like CLOSURE, CONCRETE MASONRY UNIT, COLUMN, COMPONENT, CONCRETE, CONFERENCE, CONNECTION, CONSTRUCTION, CONTINUOUS, CONTINUOUS, CONTINUE, ABOVE FINISHED FLOOR, AIR CONDITIONING, AUDIO VISUAL, ABOVE, ACOUSTICAL TILE, ADJACENT, ADJUSTABLE, AGGREGATE, AIR HANDLING UNIT, ALIGN, ALUMINUM, ACCESS PANEL, APPROVED, APPROXIMATE(LY), ARCHITECT(URAL), ABOVE SUSPENDED CEILING, ASPHALT, ASSEMBLY, AUXILIARY, AVERAGE, ACOUSTICAL WALL PANEL, DOOR OPENING, DOUBLE, DEPARTMENT, DETAIL, DIAMETER, DIAGONAL, DIMENSION, DISPENSER, DOWN, DAMPER, DOOR, DRAWING, DOWN, DRAWER, ELECTRIC HAND DRYER, EXPANSION JOINT, EXHAUST AIR, EXHAUST FAN, ELEVATION, ELECTRIC(AL), ELEVATOR, EMERGENCY, ENCLOSURE, ELECTRIC PANEL, EQUAL, EQUIPMENT, EACH WAY, ELECTRIC WATER COOLER, EXHAUST, EXISTING, EXPANSION, EXPANSION JOINT, EXPANSION BOLT, EXPOSED, EXTERIOR, FABRICATED, FACE BRICK, FACE OF CONC., FACE OF MASONRY, FACE OF STUDS, FAN COIL UNIT, FEMALE, FIBER BOND GYPSUM BOARD, FINISH FLOOR ELEVATION, FINISH FLOOR LINE, FINISH(ED), FIRE ALARM, FIRE EXTINGUISHER, FIRE EXTINGUISHER CABINET, FIRE HOSE CABINET, FIREPROOFING, FIXED, FLAMMABLE, FLASHING, FLEXIBLE.

- GENERAL -

Table listing general abbreviations: G-000 TITLE SHEET, G-002 DRAWING LIST, G-103 ORGANIZATION / DOE COMPLIANCE, G-104 SITE PLAN, G-110 BUILDING CODE ANALYSIS, G-111 SOLAR ENVELOPE COMPLIANCE, G-120 ANSI AREA, G-121 EGRESS, G-122 PUBLIC EXHIBIT, G-124 ADA TOUR COMPLIANCE, G-125 EXTERIOR SHADING DIAGRAMS.

- ARCHITECTURAL -

Table listing architectural abbreviations: A-522 WEST RAMP AND DECK DETAILS, A-523 WEST RAMP AND DECK DETAIL, A-525 RAMP AND DECK, A-532 PV MOUNTING DETAILS, A-535 PV FACADE / SHUTTER DETAILS, A-541 MILLWORK DETAILS ADAPTABLE ROOM, A-543 MILLWORK DETAILS KITCHEN, A-601 SCHEDULES, A-901 INTERIOR RENDERINGS.

-LANDSCAPING-

Table listing landscaping abbreviations: L-101 LOCATIONS / VILLAGE GRID TIE-IN, L-102 PLANTING/VEGETATION PLAN & SCHEDULES, L-202 NORTH/ EAST/ WEST PLANTERS/SEATING ELEVATION, L-500 WEST PLANTERS DETAILS, L-501 SOUTH PLANTER DETAILS, L-502 WATER TANK COVERS, L-503 SEATING SECTION DETAIL.

- FIRE PROTECTION -

Table listing fire protection abbreviations: F-101 FIRE SUPPRESSION & ALARM SYSTEM.

- STRUCTURAL -

Table listing structural abbreviations: S-101 FOOTING PLAN, S-102 FIRST FLOOR FRAMING PLAN, S-103 CONNECTOR PLAN, S-104 ROOF FRAMING PLAN, S-104.2 MODULE CONNECTORS, S-201 STEEL, S-301 STEEL SECTIONS, S-501 FOUNDATION & FOOTING DETAILS, S-502 FOUNDATION & FOOTING DETAILS, S-503 STRUCTURAL 3D, S-601 COLUMN SCHEDULE.

- MECHANICAL -

Table listing mechanical abbreviations: M-101 MECHANICAL SYSTEMS PLAN, M-102 MECHANICAL ROOMS & EXTERIOR DETAILS.

- ARCHITECTURAL -

Table listing architectural abbreviations: A-101 FIRST FLOOR PLAN, A-102 PLAN @ CONNECTOR, A-103 ROOF PLAN, A-150 REFLECTED CEILING PLAN, A-160 FURNITURE FLOOR PLAN, A-201 EAST, NORTH & WEST ELEVATION, A-202 SOUTH ELEVATION, A-206 EAST & WEST EXTERIOR CLADDING, A-207 NORTH EXTERIOR CLADDING, A-208 SOUTH EXTERIOR CLADDING, A-301 BUILDING SECTIONS EAST/WEST, A-302 BUILDING SECTIONS NORTH/SOUTH, A-410 ENLARGED PLAN - WEST, A-411 ENLARGED PLAN - EAST, A-452 INTERIOR ELEVATIONS NORTH/SOUTH, A-453 INTERIOR ELEVATIONS EAST/WEST, A-454 INTERIOR ELEVATIONS MASTER BEDROOM, A-455 INTERIOR ELEVATIONS LIVING ROOM STUDY, A-456 INTERIOR ELEVATIONS KITCHEN - LAUNDRY, A-457 INTERIOR ELEVATIONS BATHROOM, A-461 Unnamed, A-462 Unnamed, A-501 DOOR ELEVATIONS DETAILS & SCHEDULE, A-502 WALL SECTIONS, A-503 WALL PLAN DETAILS, A-504 WINDOW ELEVATIONS DETAILS AND SECTION, A-505 WINDOW ELEVATIONS DETAILS & SCHEDULE, A-506 GREEN WALL PLAN & ELEVATION, A-508 ROOF CONNECTION SECTIONS, A-509 ROOF_DETAILS, A-510 ROOF/CONNECTOR DETAILS, A-511 ROOF/CONNECTOR ASSEMBLY DETAILS, A-521 NORTH AND WEST RAMP ELEVATION.

- ELECTRICAL -

Table listing electrical abbreviations: E-101 POWER PLAN, E-102 LIGHTING PLAN, E-104 THREE LINE DIAGRAM, E-106 PV POWER DIAGRAMS, E-108 CONTROL SYSTEM PLAN, E-109 INTERCONNECTION PANEL ELEV., E-120 ONE LINE DIAGRAM.

- TELECOMMUNICATIONS -

Table listing telecommunications abbreviations: T-103 DATA NETWORK DIAGRAM.

-OPERATIONS-

Table listing operations abbreviations: O-101 MODULE NUMBERING, O-120 ARRIVAL SEQUENCE AND ASSEMBLY PLANS.

GENERAL SHEET NOTES

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SHEET TITLE

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Table with columns TEAM NAME, ADDRESS, CONTACT

Table with columns CONSULTANTS

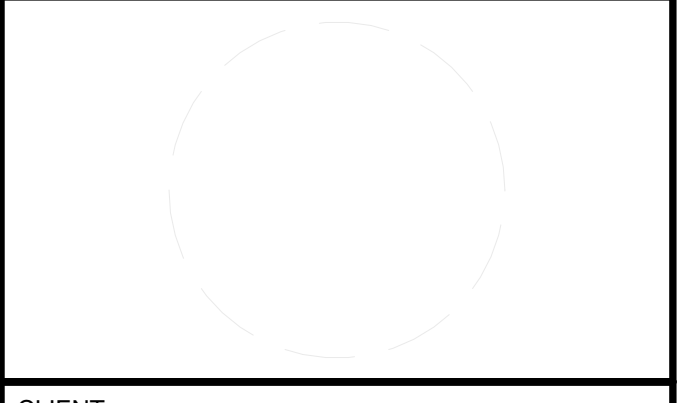


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SHEET TITLE

DRAWING LIST
G-002

FIRE PROTECTION ANALYSIS

PROP'D OCC. CLASS'N: R-3 - ONE (1) FAMILY RESIDENCE
PROP'D CONST. CLASS'N: 111-A (NON-COMBUSTIBLE EXTERIOR + COMBUSTIBLE OR NON-COMBUSTIBLE INTERIOR BUILDING ELEMENTS)
FIRE DISTRICT: YES
SPRINKLERED: NO
TABLE 503: CLASS 111-A
65' HEIGHT MAX.; OK
6 STORIES MAX.; OK
14,700SF BLDG AREA MAX.; OK
TABLE 601: CLASS 111-A

STRUCTURAL FRAME

INCL. COLS, GIRDERS, TRUSSES 1 (ONE) HR

BEARING WALLS
EXTERIOR 2 (TWO) HR
INTERIOR 1 (ONE) HR

NONBEARING WALLS & PARTITIONS (PER TABLE 601)
EXTERIOR 1 (ONE) HR

NONBEARING WALLS & PARTITIONS
INTERIOR 0 (ZERO) HR

FLOOR CONSTRUCTION
INCL. SUPPORT'G BEAMS & JOISTS 1 (ONE) HR

ROOF CONSTRUCTION
INCL. SUPPORT'G BEAMS & JOISTS 1 (ONE) HR

SHAFT ENCLOSURE 2 (TWO) HR

CODE APPROVED FIRESTOPPING SHALL BE PROVIDED AT ALL THROUGH PENETRATIONS SO THAT THE ABOVE NOTED RATINGS WOULD NOT BE COMPRISED.

ENERGY CODE COMPLIANCE

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE NEW YORK CITY ENERGY CONSERVATION CODE OF 2011.
SEE SHEET T-8 form

BUILDING DEPT NOTES

- 1. SEC. D26-10.01 (C) - THE OWNER SHALL KEEP THE PREMISES IN GOOD REPAIR, AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE PROVISIONS OF THIS CODE, UNLESS THE TENANT ALONE, BY LEASE OR OTHER CONTRACT IN WRITING IS RESPONSIBLE FOR COMPLIANCE.
- 2. SEC. D-26-11.01 - YARDS, ROOFS AND OTHER OPEN SPACES SHALL BE KEPT CLEAN BY OWNER.
- 3. SEC. D-26-14.07 - WASTE RECEPTACLES TO BE PROVIDED.
- 4. SEC. D-26-15.01 - SUPPLY OF PURE AND WHOLESOME WATER SUFFICIENT IN QUANTITY AND AT SUFFICIENT PRESSURE TO KEEP ALL PLUMBING FIXTURES ADEQUATELY SUPPLIED FOR THEIR SANITARY MAINTENANCE, SHALL BE PROVIDED AND MAINTAINED.
- 5. SEC. D26-17.01 HEATING SYSTEM TO BE COMPLIED WITH, IF EVER TENANT OCCUPIED.
- 6. SEC. D26-17.07 SUPPLY OF HOT WATER TO BE COMPLIED WITH, IF EVER TENANT OCCUPIED.
- 7. SEC. D26-19.01 ELECTRIC LIGHTING EQUIPMENT IN ALL DWELLINGS TO BE COMPLIED WITH.
- 8. SEC. D26-20.05 LOCK REQUIREMENTS IN DWELLING UNIT DOORS TO BE COMPLIED WITH.
- 9. SEC. D26-21.05 - STREET NUMBERS REQUIREMENTS IN DWELLING UNIT DOORS TO BE COMPLIED WITH.
- 10. SEC. D26-30.11 - LIGHTING AND VENTILATION REQUIREMENTS SHALL BE COMPLIED WITH.
- 11. SEC. D-26-31.13 - SANITARY FACILITIES TO BE PROVIDED.
- 12. SEC. D-26-32.07 - REQUIREMENTS FOR KITCHENS AND KITCHENETTES TO BE COMPLIED WITH AS TO VENTILATION, AND MATERIALS AT COOKING APPARATUS.
- 13. SEC. D26-34.13 - OCCUPANCY OF CELLARS AND BASEMENTS SHOULD BE COMPLIED WITH.
- 14. SEC. D26-31.03 SIZE AND CONSTRUCTION OF WATER CLOSET COMPARTMENTS SHALL BE COMPLIED WITH.
- 15. SEC. D26-31.01 LOCATION OF WATER CLOSETS SHALL BE COMPLIED WITH.
- 16. SEC. D26-34.13 NO ROOM IN THE CELLAR OF A ONE-OR TWO-FAMILY DWELLING SHALL BE RENTED AND NO MEMBER OF THE FAMILY OR FAMILIES OCCUPYING THE DWELLING SHALL USE SUCH ROOM FOR SLEEPING, EATING OR COOKING PURPOSES

Occupant Load

Design Occupant load per Table 1004.1.1 -- One Occupant per 200 gross square foot of floor area min.
Unit 1 Gross Floor Area

First floor .897 GSF 25 Occupants
Second Floor NONE
Total .897 GSF 25 Occupants

GENERAL NOTES

- 1. ALL WORK, WHEN COMPLETED, SHALL CONFORM IN ALL RESPECTS TO ALL LOCAL AND STATE LAWS AND ORDINANCES AND TO ALL ESTABLISHED CODES AND STANDARD SPECIFICATIONS APPLICABLE THERETO. WHERE CONFLICTS BETWEEN THE CONSTRUCTION DOCUMENTS AND ESTABLISHED CODES, ORDINANCES, OR STANDARDS ARISE, THE MORE RESTRICTIVE SHALL APPLY.
- 2. THESE NOTES ARE PART OF THE PLANS AND SPECIFICATIONS AND ARE TO BE COMPLIED WITHIN ALL RESPECTS, EXCEPT THAT MORE RESTRICTIVE NOTES MENTIONED IN THE DRAWINGS TAKE PRECEDENCE.
- 3. WHERE SPECIFIC CONDITIONS ARE NOT SHOWN HEREIN, CONSTRUCTION SHALL CONFORM TO THE INTENT OF THESE DOCUMENTS.
- 4. MEASUREMENTS SHALL NEVER BE SCALED FROM THE DRAWINGS, BUT, INSTEAD, DERIVED ARITHMETICALLY FROM SHOWN OR IMPLIED DIMENSIONS. ALL DIMENSIONS SHALL BE VERIFIED IN THE FIELD AND ANY DISCREPANCIES WITH THE APPROVED PLANS SHALL BE CALLED TO THE ARCHITECTS' ATTENTION IMMEDIATELY.
- 5. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED, BUT REQUIRED FOR PROPER CONSTRUCTION OF ANY PART OF THE WORK SHALL BE INCLUDED AS IF THEY WERE INDICATED ON THE DRAWINGS.
- 6. TEAM SHALL MAINTAIN THE STRUCTURAL INTEGRITY OF ADJOINING WALLS, GROUND AND PROPERTY AND PROTECT SAME FROM INJURY. CONTRACTOR SHALL DETERMINE LOCATION OF AND PROTECT, AND SAFEGUARD ALL UTILITIES ON AND ADJACENT TO THE SITE.
- 7. TEAM TO CHECK AND VERIFY ALL DIMENSIONS, NOTES, WORK, ETC., AT THE PREMISES BEFORE WORK IS STARTED. REPORT ALL DISCREPANCIES TO THE ARCHITECT.
- 8. ALL APARTMENTS SHALL BE PROVIDED WITH SMOKE DETECTORS AS PER LOCAL LAW 62/81 AND CO DETECTORS PER LOCAL LAW 7/04.
- 9. ALL HANDICAPPED ADAPTABLE APRTMENTS SHALL BE RPOVIDED WITH AUBDIBLE AND VISIBLE TYPE SMOKE DETECTORS. REFER TO NOTE #17 UNDER LOCAL LAW 88/87 NOTES.
- 10. ALL SMOKE DETECTORS TO BE IONIZATION TYPE AS PER NEW YORK CITY BUILDING CODE.
- 11. ALL SMOKE DETECTORS MUST BE INSTALLED WITHIN FIFTEEN (15'-0") OF THE ENTRANCE OF ALL SLEEPING ROOMS.
- 12. ALL SMOKE DETECTORS SHALL BE HARD WIRED AND MAY BE WALL OR CEILING MOUNTED AS PER NFPA #74-1980 AND LOCAL LAW 62/81.
- 13. CARBON MONOXIDE DETECTORS SHALL COMPLY WITH RS 17-13 AND BE INSTALLED IN ACCORDANCE WITH RS 17-14. DETECTORS SHALL BE PROVIDED IN EVERY DWELLING UNIT WITHIN FIFTEEN FEET OF THE PRIMARY ENTRANCE OF EACH BEDROOM, IN ACCORDANCE WITH LOCAL LAW 7/2004 AND SECTION 28-02 OF THE DEPARTMENT OF BUILDING RULES
- 14. TEAM WILL NOT SCALE FROM PLUMBING DRAWINGS.
- 15. PITCH HORIZONTAL DRAINAGE PIPING 3" DIAMETER OR LESS 1/4" PER FOOT MINIMUM; OVER 3" DOA, PITCH 1/8" PER FOOT MINIMUM.
- 16. ALL HOT AND COLD WATER LINES TO HAVE SHUT-OFF VALVES.

SOLAR DECATHLON 2015 BUILDING CODE

2012 INTERNATIONAL BUILDING CODE
2012 INTERNATIONAL RESIDENTIAL CODE
2012 INTERNATIONAL FUEL GAS CODE
2012 INTERNATIONAL MECHANICAL CODE

SOLAR DECATHLON 2015 RULES

2012 INTERNATIONAL ENERGY CONSERVATION CODE
2012 INTERNATIONAL FIRE PREVENTION CODE
2012 INTERNATIONAL ELECTRICAL CODE

ACCESSIBILITY
2010 STANDARDS FOR ACCESSIBLE DESIGN
ANSI A-117.1-2009

CONDITIONS PROPOSED	LIMITATION	PROPOSED
HEIGHT (MAX)	18 feet	16 feet
FINISHED SQUARE FOOTAGE	600 - 1000	897
LOT DIMENSIONS	78' by 60'	75' by 50'

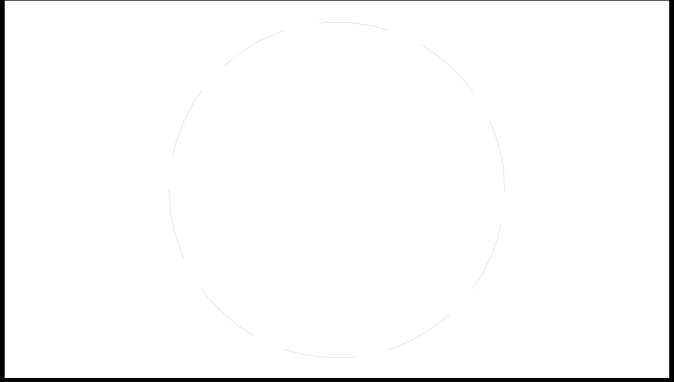
USE GROUP R-3 (IBC SECTION 310)
CONSTRUCTION TYPE TYPE V-B WOOD ASSEMBLY
FIRE SUPPRESSION BUILDING TO BE FULLY SPRINKLERED AS PER NFPA 13D

FIRE RESISTANCE RATED CONSTRUCTION REQUIREMENT OF IBC/IRC PROVIDED	REFERENCE	REMARKS
STORIES	1	IBC Table 503
BUILDING HEIGHT	18 feet	IBC Table 503
AREA LIMITATIONS (per floor)	600 - 1000	897 IBC Table 503
FIRE SEPERATION DISTANCE REQUIREMENTS	n/a	IBC Table 602
FIRE WALL FIRE RESISTANCE RATING	2 HRn/a	IBC Table 706.4
MAXIMUM AREA OF EXTERIOR WALL OPENINGS	n/a	IBC Table 705.8
MEANS OF EGRESS REQUIREMENT OF IBC/IRC PROVIDED REFERENCE REMARKS		
# OF EXITS PER DWELLING UNIT	1	2 IRC 311 & IBC Section 1015.1
# OF EXIT DOORS PER HABITABLE ROOM	1	1 IRC 311 & IBC Table 1015.1
# OF EMERGENCY ESCAPE & RESCUE OPENINGS FROM SLEEPING ROOMS	1	N/A
EGRESS WIDTH PER OCCUPANT SERVED STAIRWAYS (IN PER OCCUPANT- LOAD =0)	0.3" PER OCCUP	6" PER OCCUP IBC SECTION 1005.3.1
EGRESS WIDTH PER OCCUPANT SERVED OTHER COMPONENTS	0.2 IN. PER OCCUPANT	6 IN. PER OCCUPANT/IBC SECTION 1005.3.2
(IN. PER OCCUPANT LOAD=)	0.2 IN. PER OCCUPANT	6 IN. PER OCCUPANT/IBC SECTION 1005.3.2
MIN. EGRESS DOOR WIDTH	32 inches	72 inches IBC Section 1008.1.1
MIN. EGRESS DOOR HEIGHT	78 inches	77 3/4 inches IRC Section 311.2
MIN. CORRIDOR WIDTH	36 inches	80 inches IRC SECTION 311.6
COMMONG PATH OF EGRESS TRAVEL	125 feet	22 feet IBC TABLE 1014.3
EXIT ACCESS TRAVEL DISTANCI	250 feet	68 feet IBC TABLE 1016.2
		SPRINKLERED



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SHEET TITLE
BUILDING CODE ANALYSIS

G-110



DURA HOME

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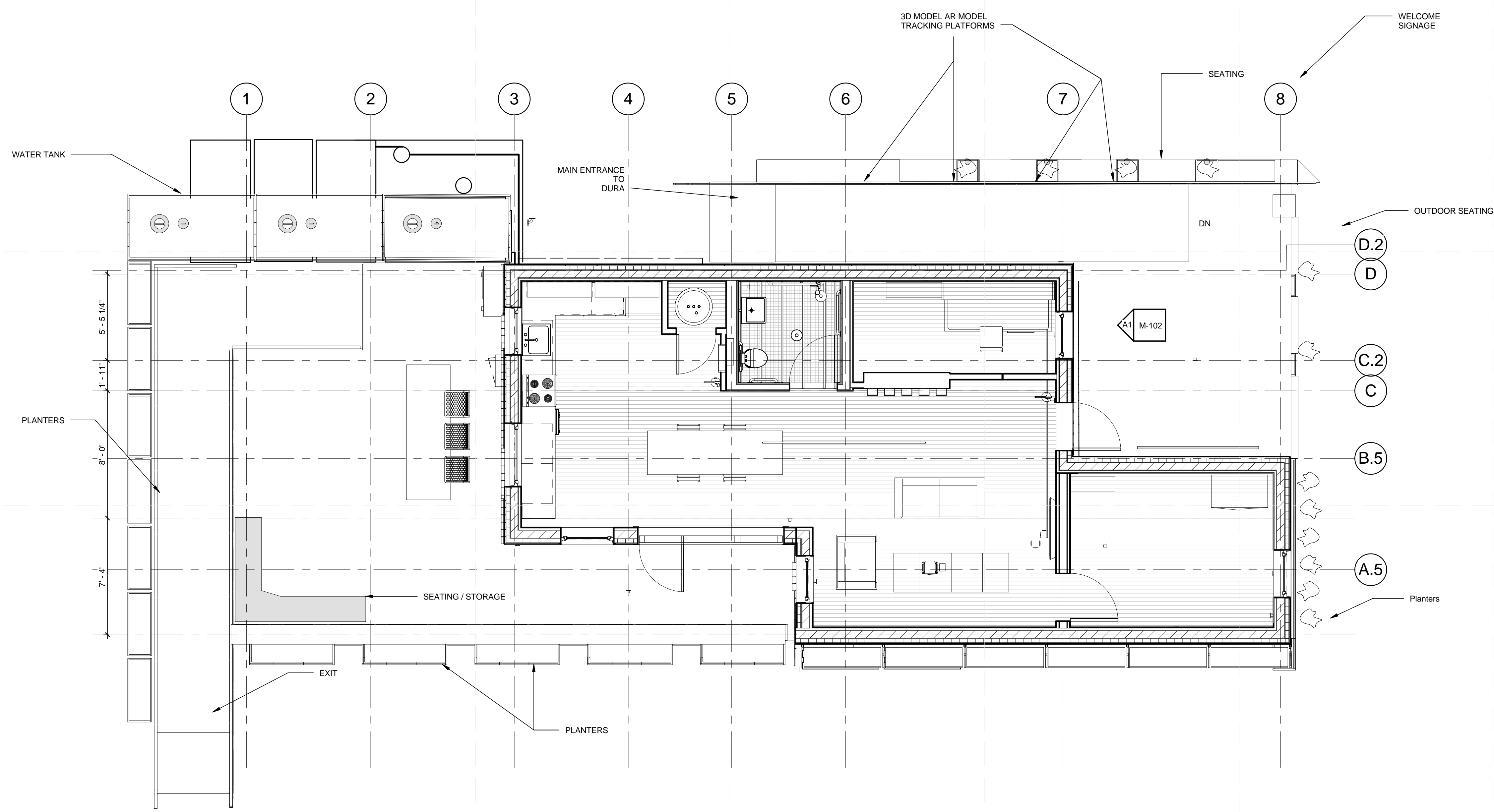
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PUBLIC EXHIBIT

G-122



(A1) SITE PLAN - PUBLIC EXHIBIT
1/4" = 1'-0"

GENERAL SHEET NOTES



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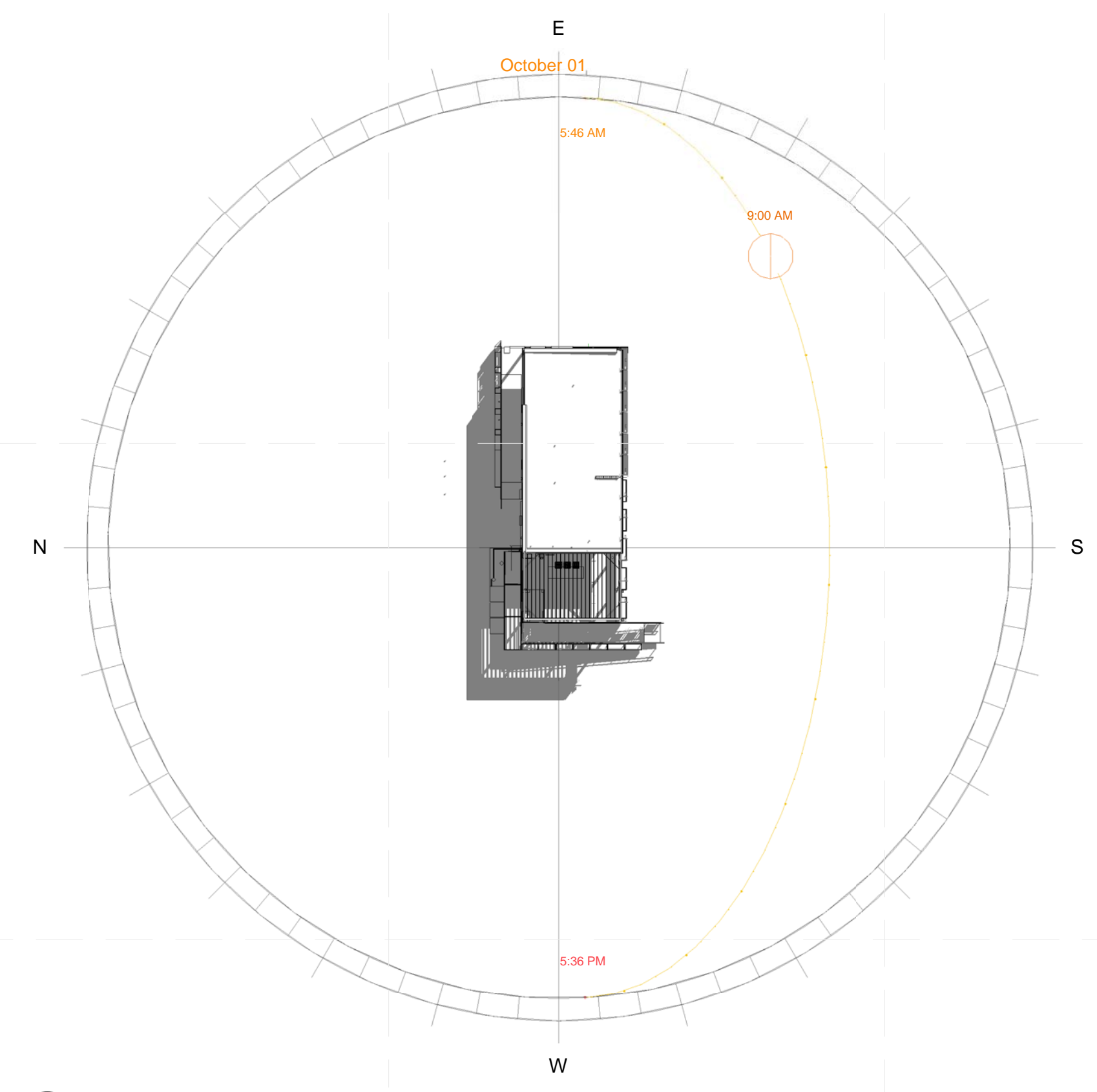
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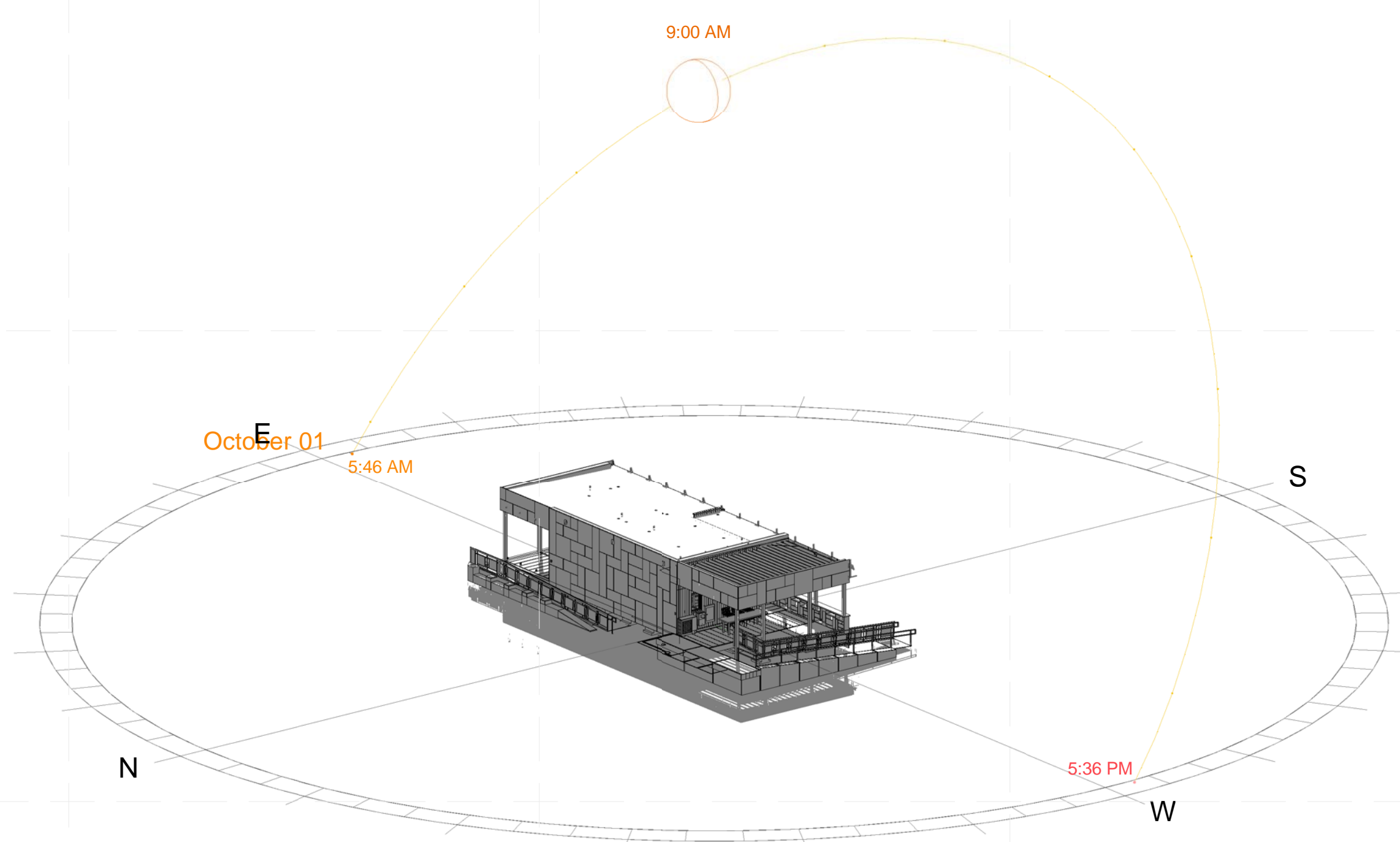
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 EXTERIOR SHADING
 DIAGRAMS

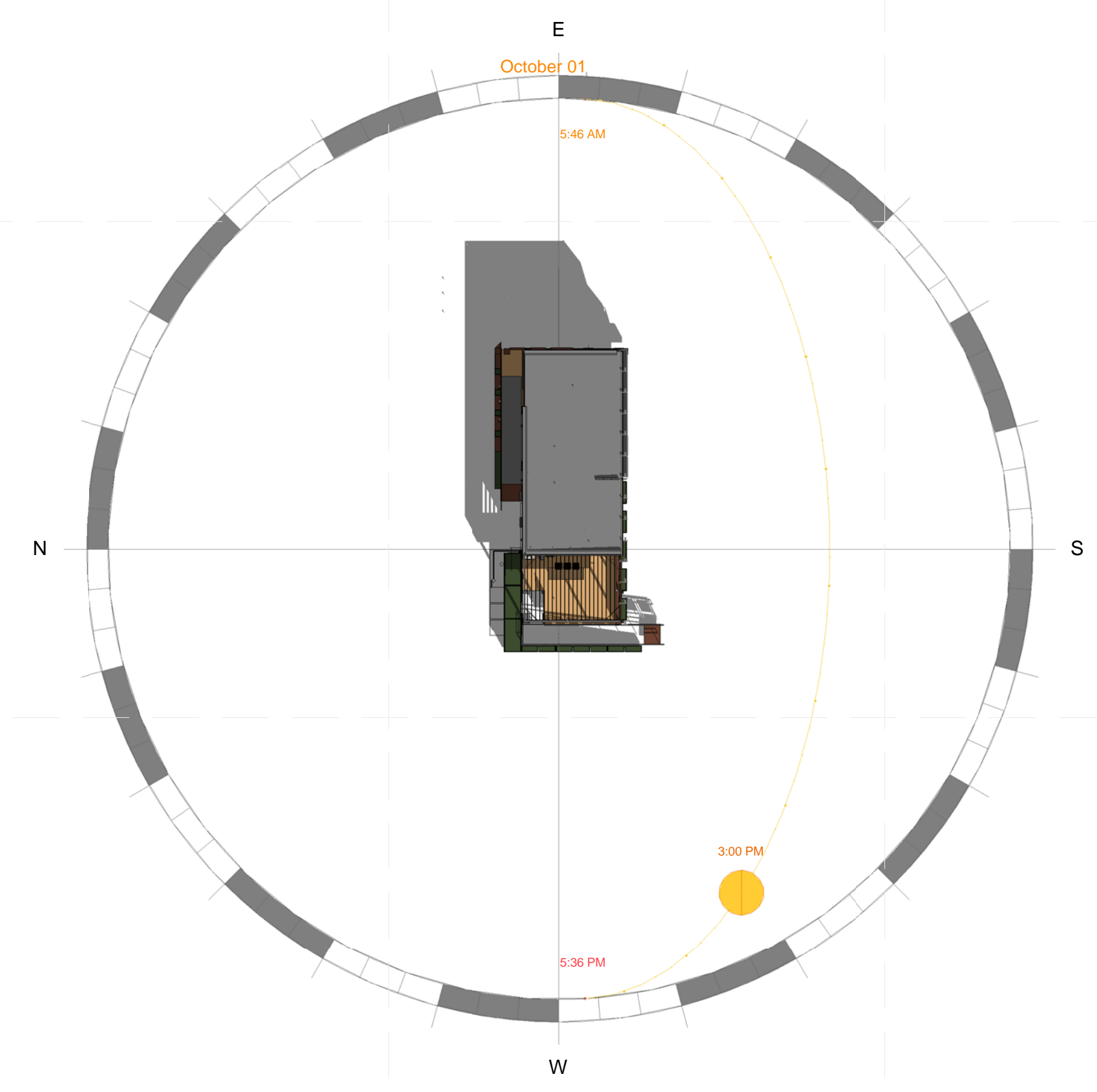
G-125



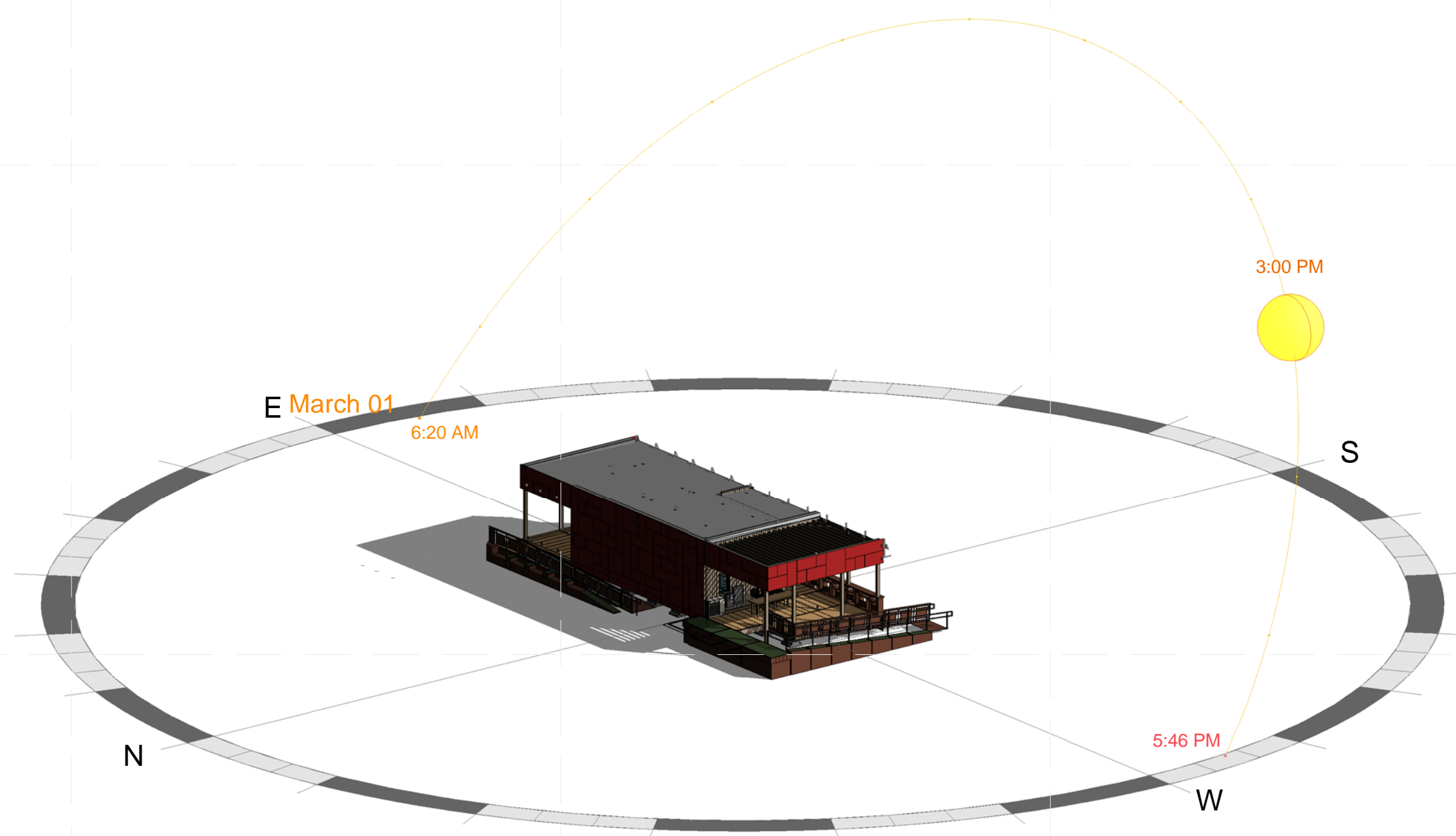
C1 9AM SOLAR SHADING



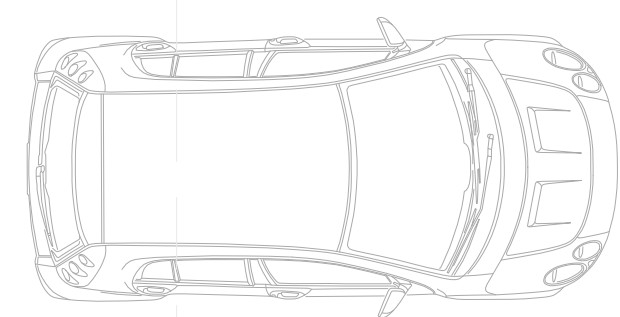
C3 9AM SOLAR SHADING



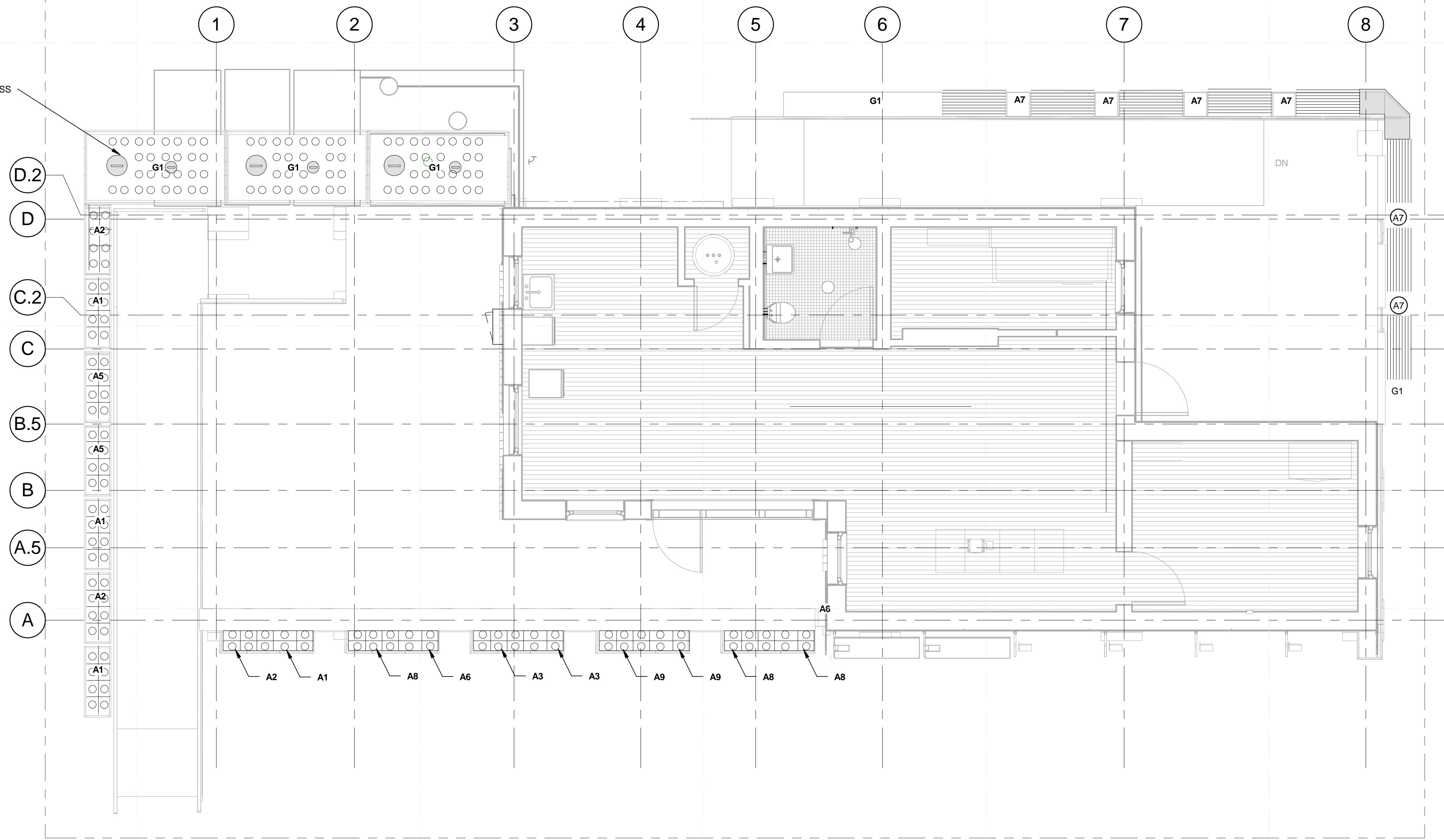
A1 3PM SOLAR SHADING



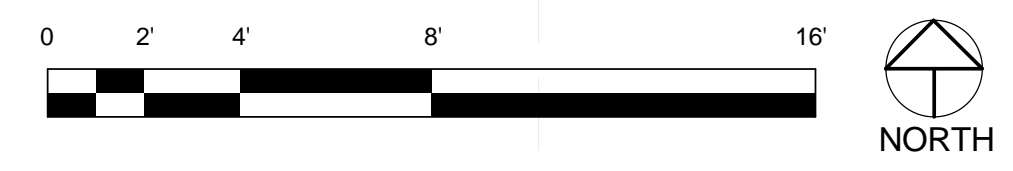
A3 3PM SOLAR SHADING



WATER TANK ACCESS



A1 PLAN - PLANTING/VEGETATION
1/4" = 1'-0"



GENERAL SHEET NOTES

VEGETABLE/HERB GARDEN SCHEDULE		
Key Name	LANDSCAPE NOTES	COUNT
A1	CAULIFLOWER	20
A2	CUCUMBER	20
A3	SPINACH	10
A4	CHAMOMILE	8
A5	CARROTS	10
A6	ROMAINE LETTUCE	8
A7	LAVENDER	10
A8	PARSLEY	10
A9	ROSEMARY	8
A10	WILD LILAC	10
G1	GRASS	N/A

LEGEND

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SHEET TITLE
PLANTING/VEGETATION PLAN & SCHEDULES

L-102

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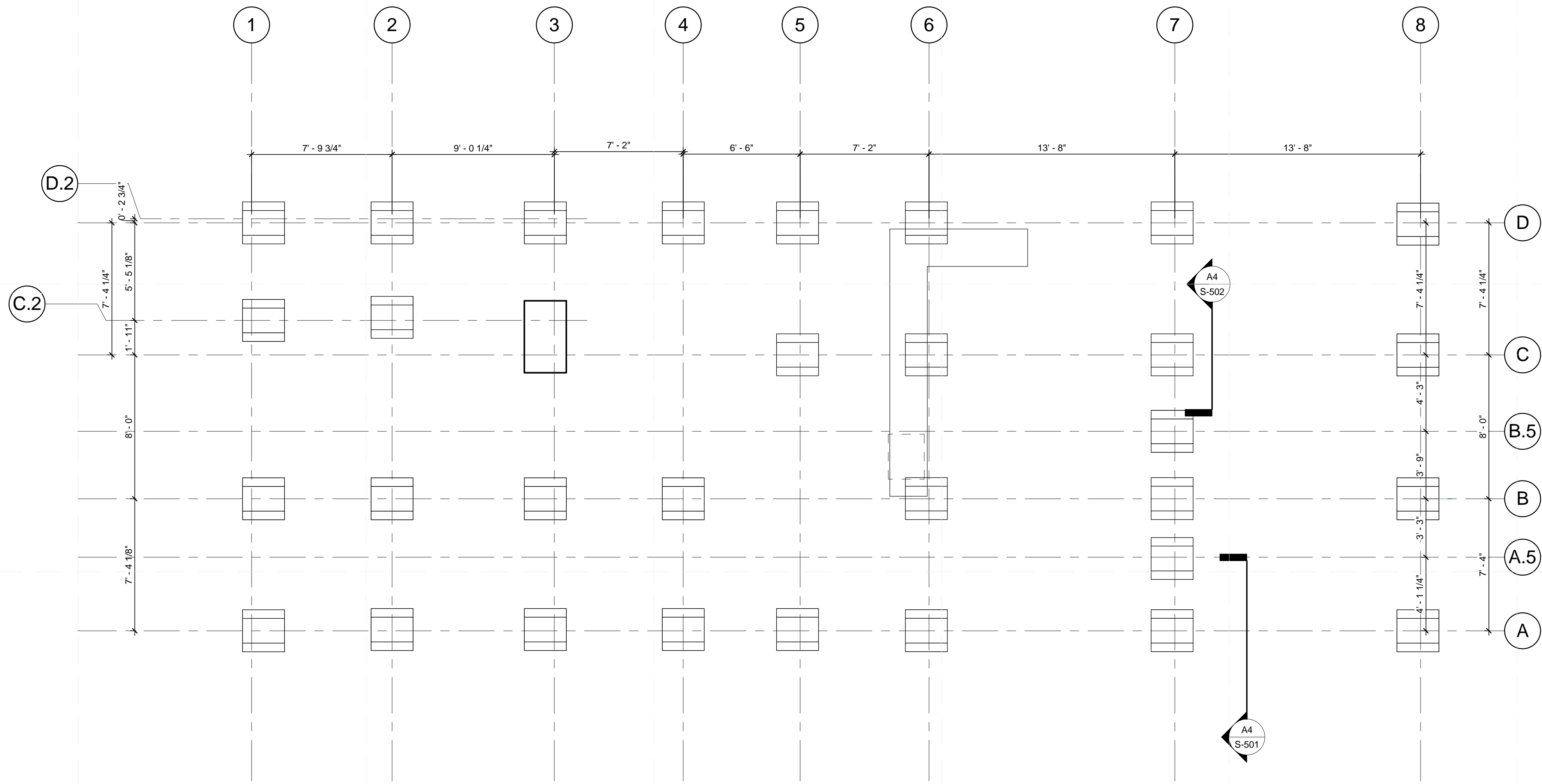
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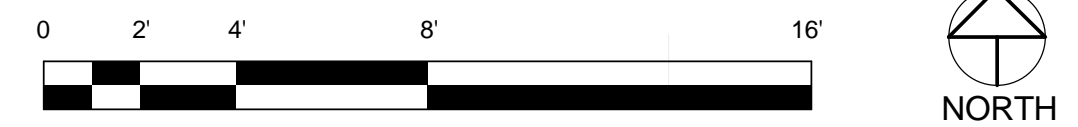
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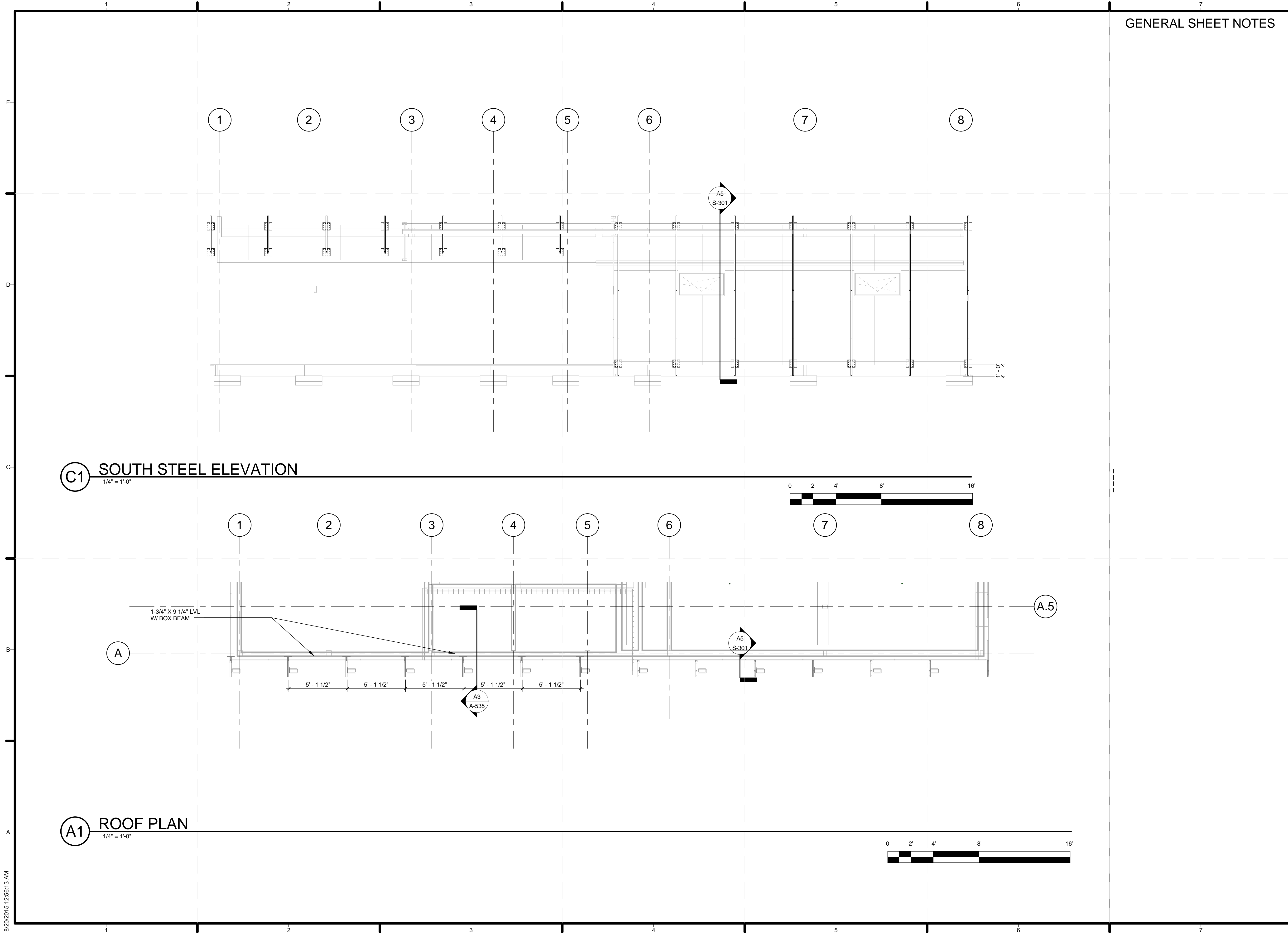
FOOTING PLAN

S-101



(A1) FOOTINGS
 1/4" = 1'-0"





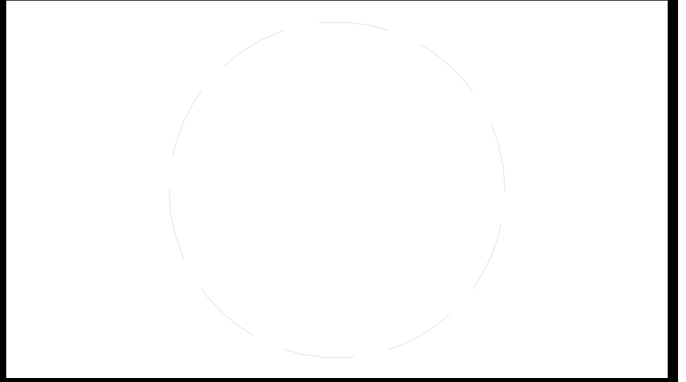
GENERAL SHEET NOTES

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STEEL

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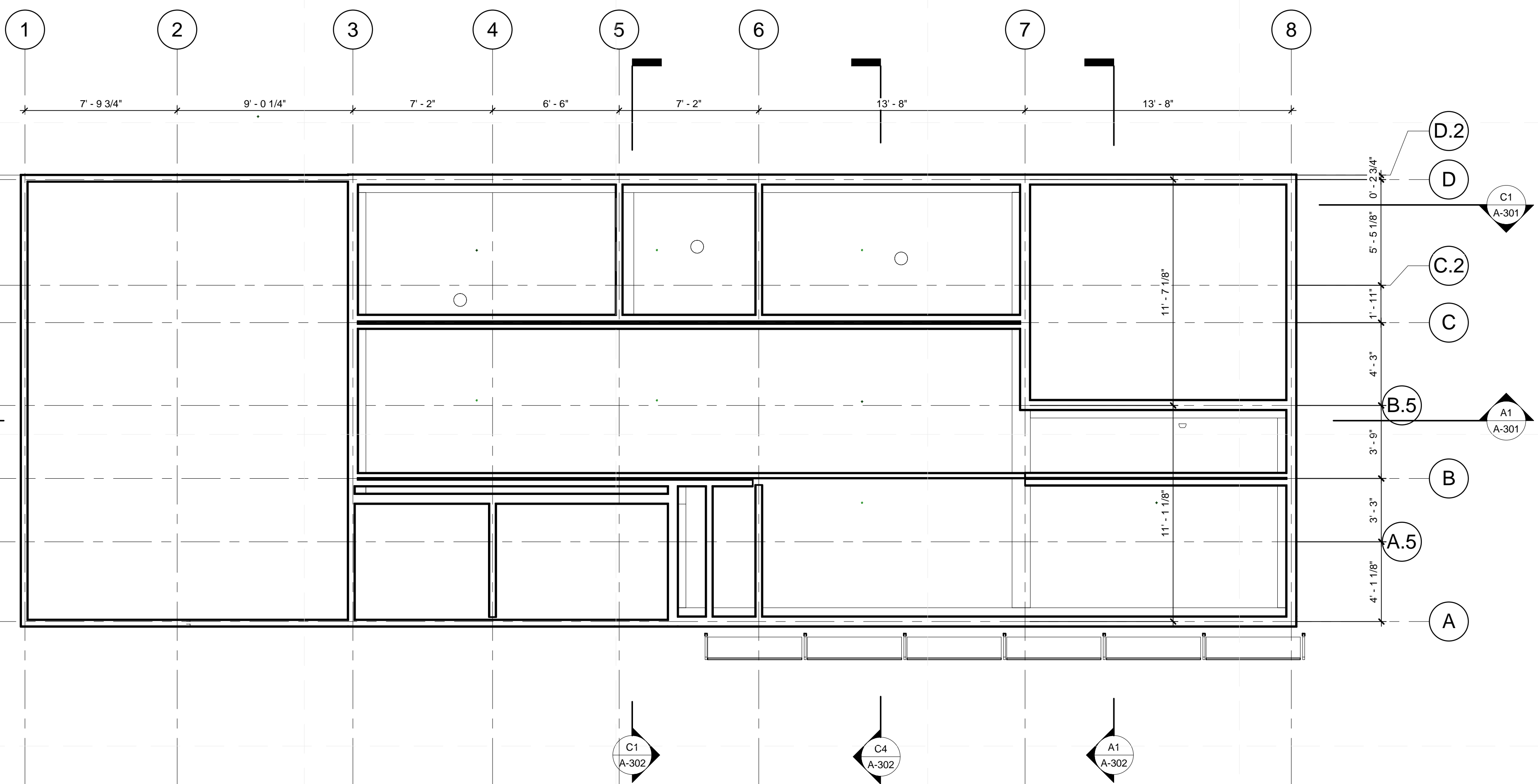
MARK	DATE	DESCRIPTION

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 DRAWN BY: Kevin Kwong
 CHECKED BY: Checker
 COPYRIGHT: NONE; PROJECT IS PUBLIC DOMAIN

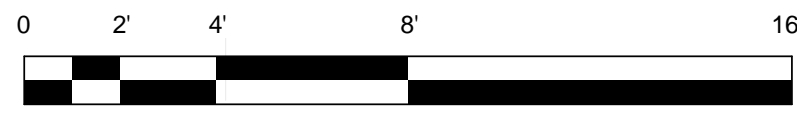
SHEET TITLE

PLAN @ CONNECTOR

A-102



1 .PLAN @ CONNECTOR
 1/4" = 1'-0"





DURA HOME

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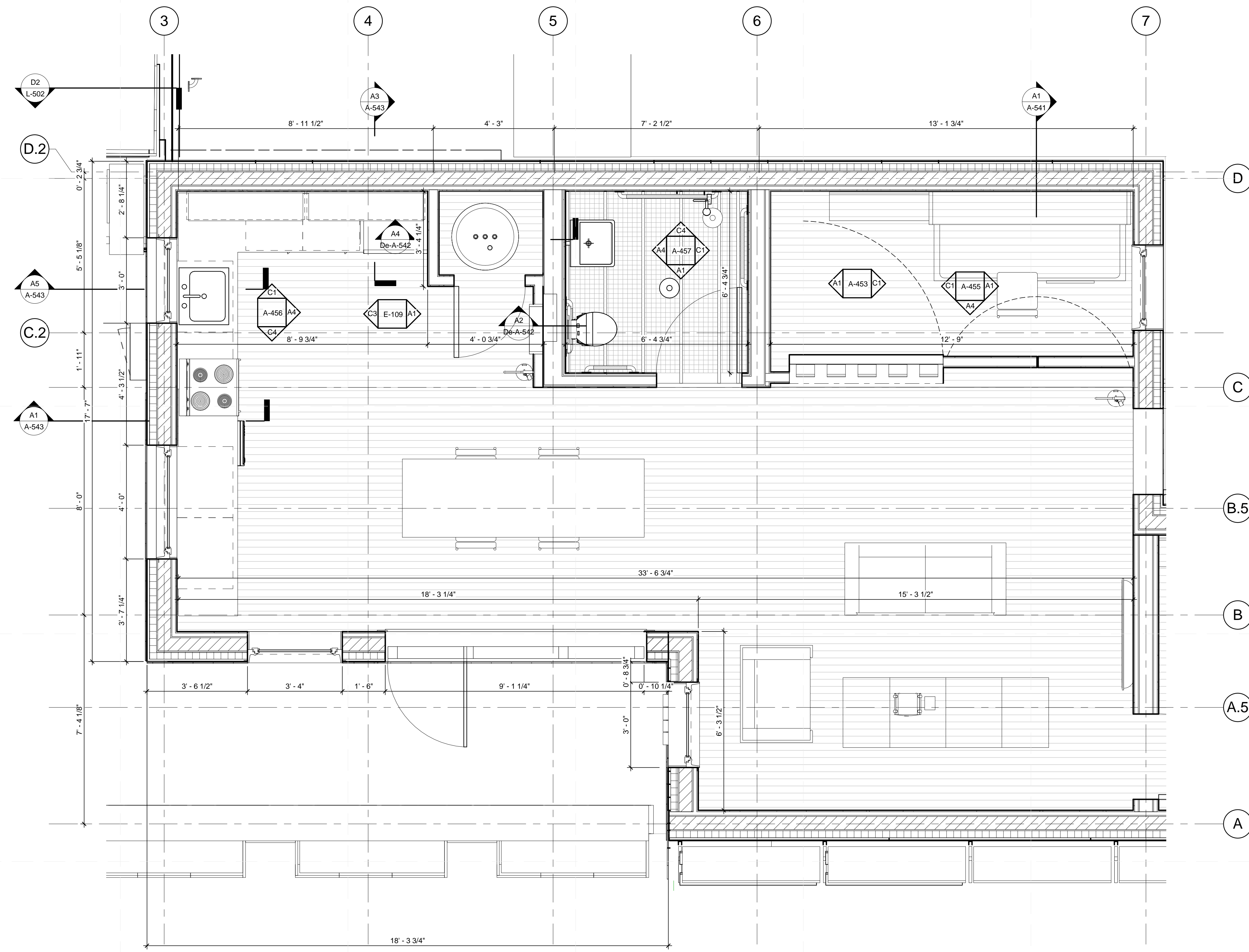
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 DRAWN BY: Mark, Redon, Dominique
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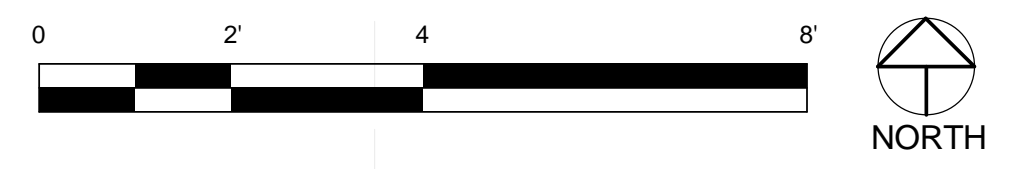
SHEET TITLE

ENLARGED PLAN - WEST

A-410



A1 ENLARGED PLAN - WEST
 1/2" = 1'-0"

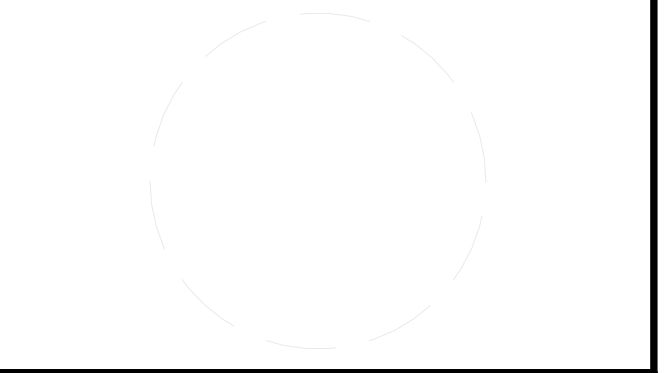




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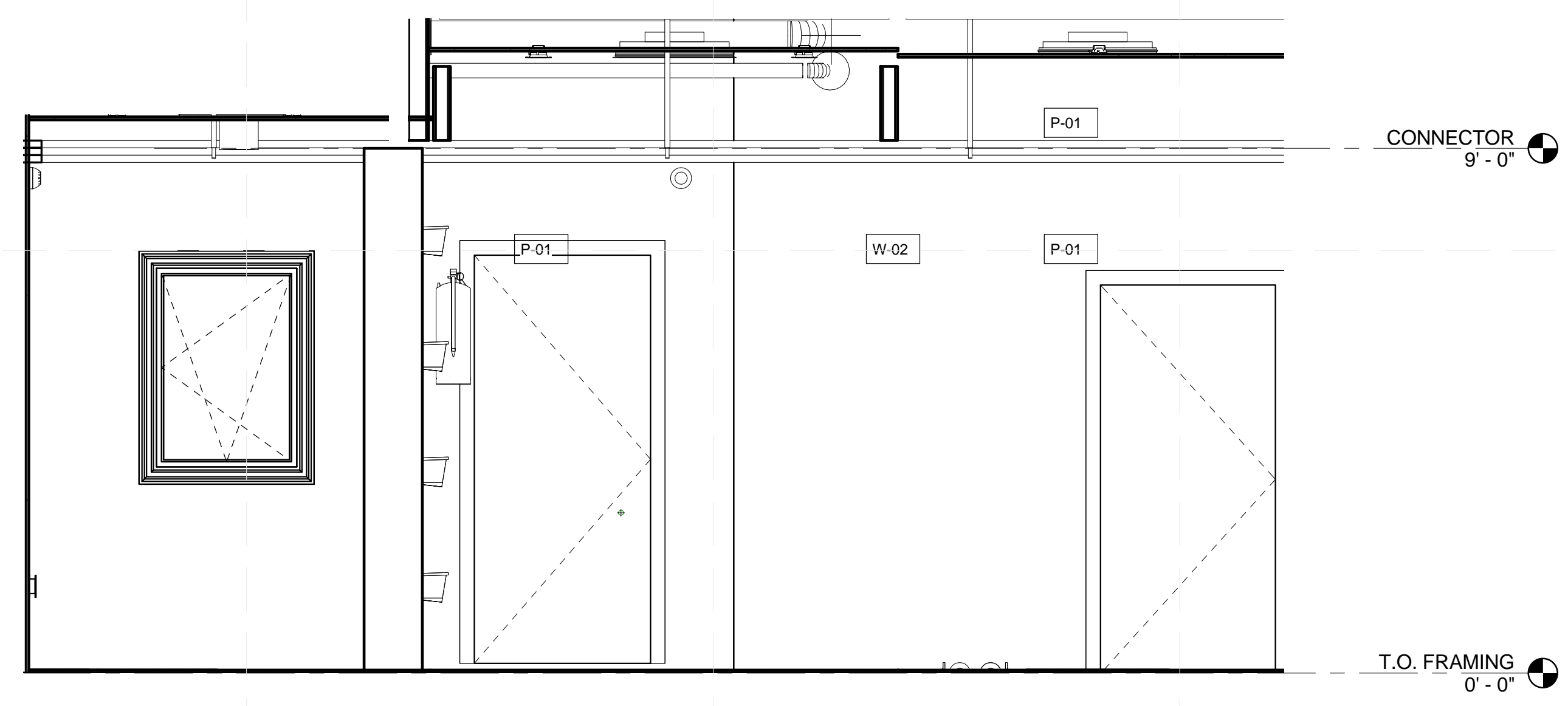
MARK	DATE	DESCRIPTION
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LOT NUMBER:	LOT NUMBER 105
DRAWN BY:	Mark, Redon, Dominique
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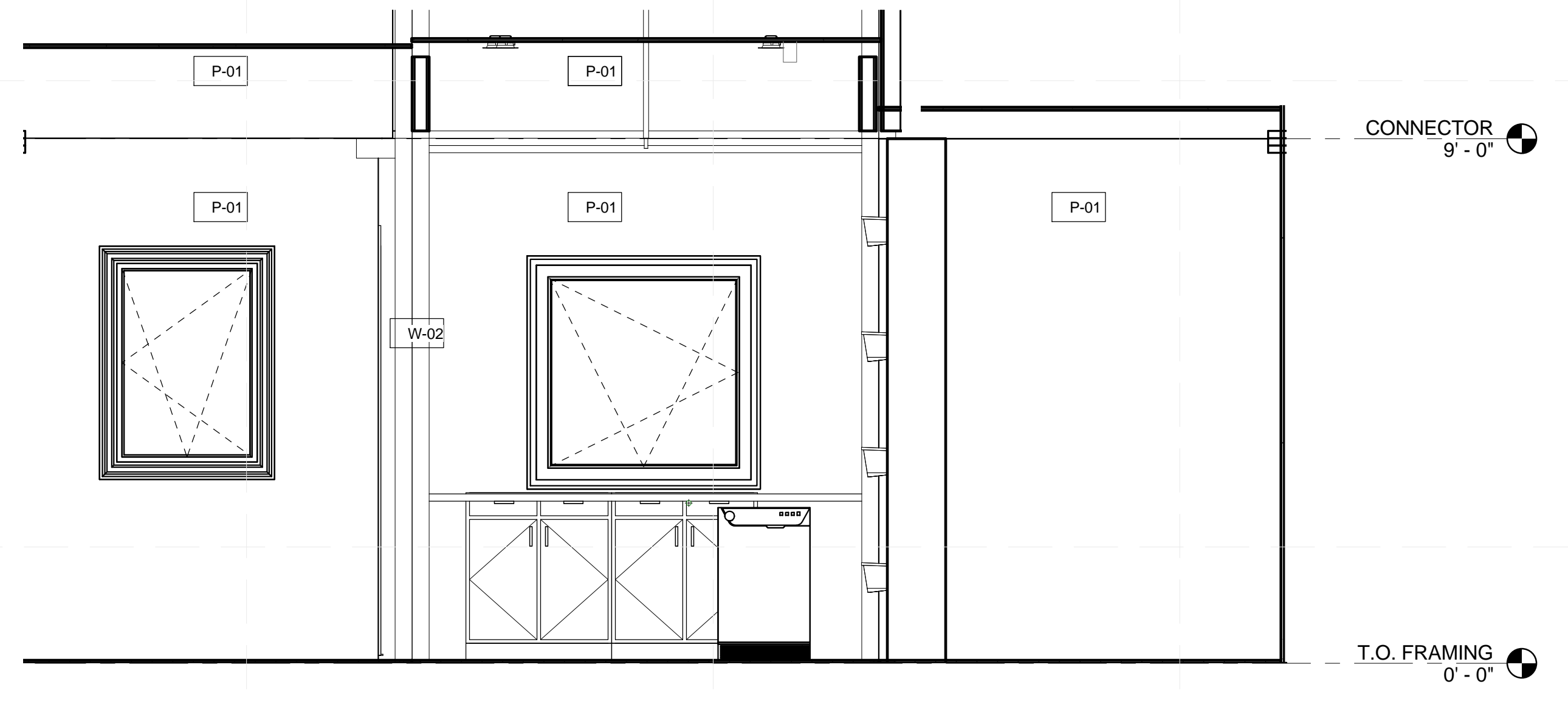
SHEET TITLE

INTERIOR ELEVATIONS EAST/WEST

A-453



C1 EAST INTERIOR ELEVATION
1/2" = 1'-0"



A1 WEST INTERIOR ELEVATION
1/2" = 1'-0"





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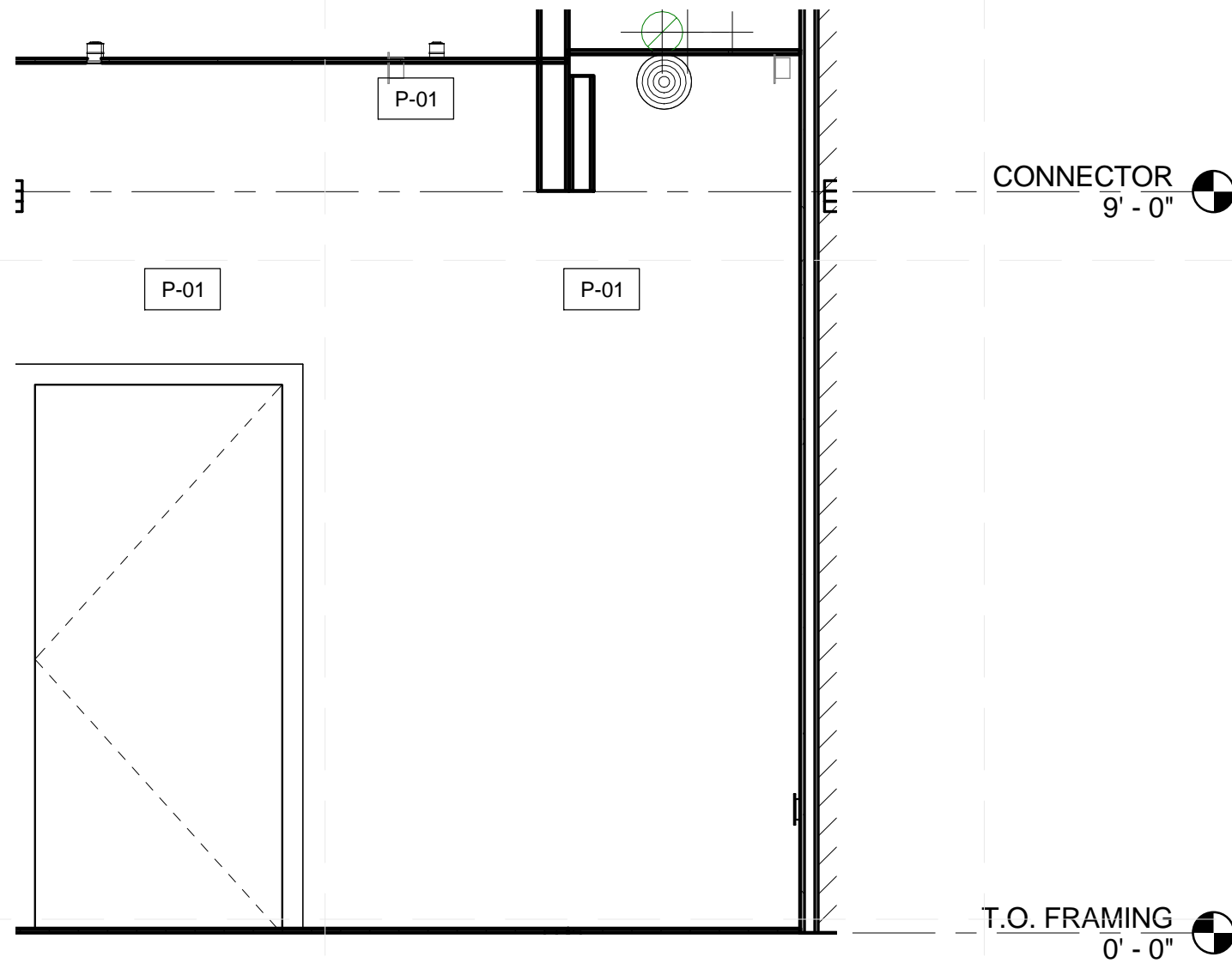


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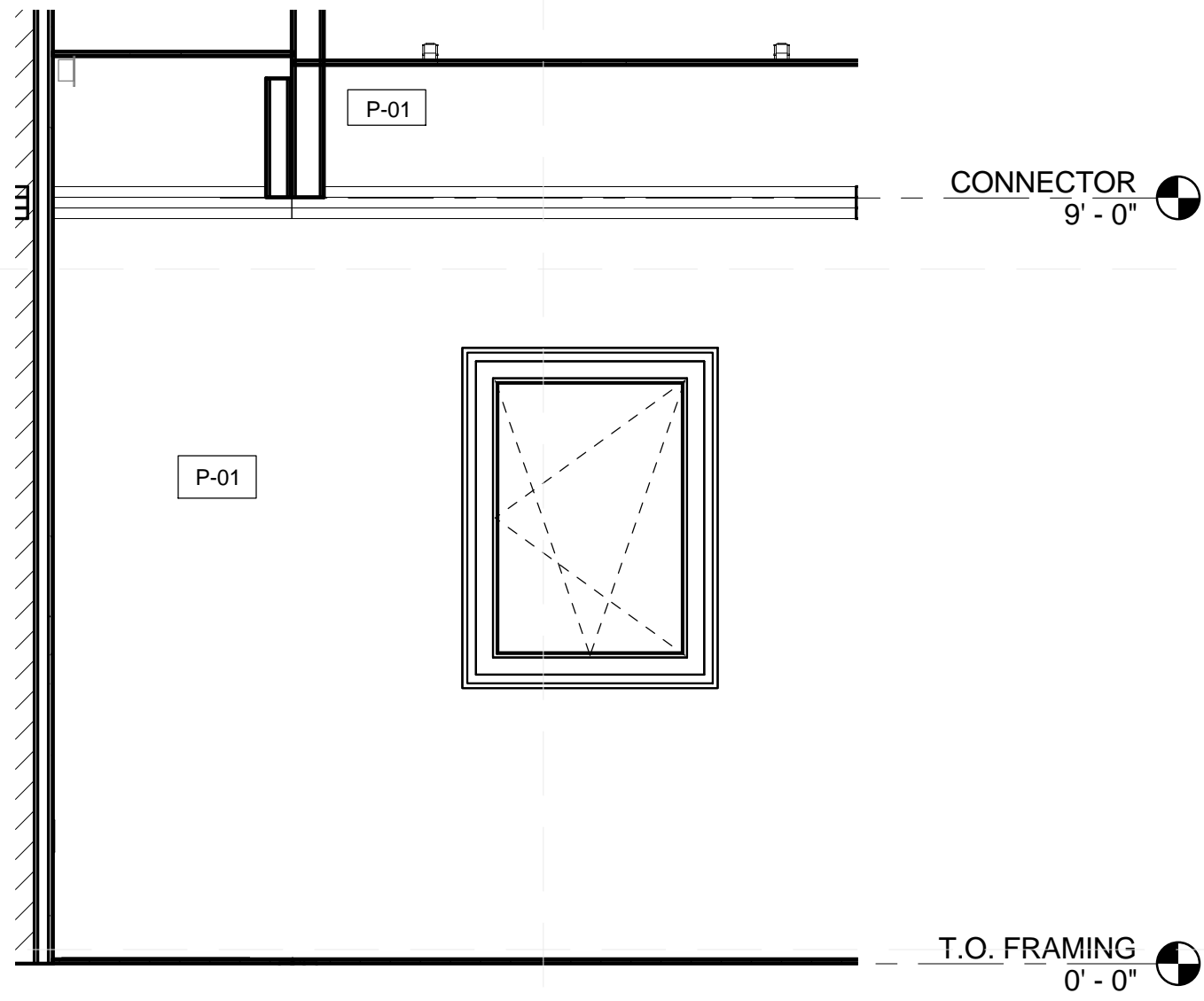
LOT NUMBER: LOT NUMBER 105
 DRAWN BY: Mark, Redon, Dominique
 CHECKED BY: Checker
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SHEET TITLE
 INTERIOR ELEVATIONS
 MASTER BEDROOM

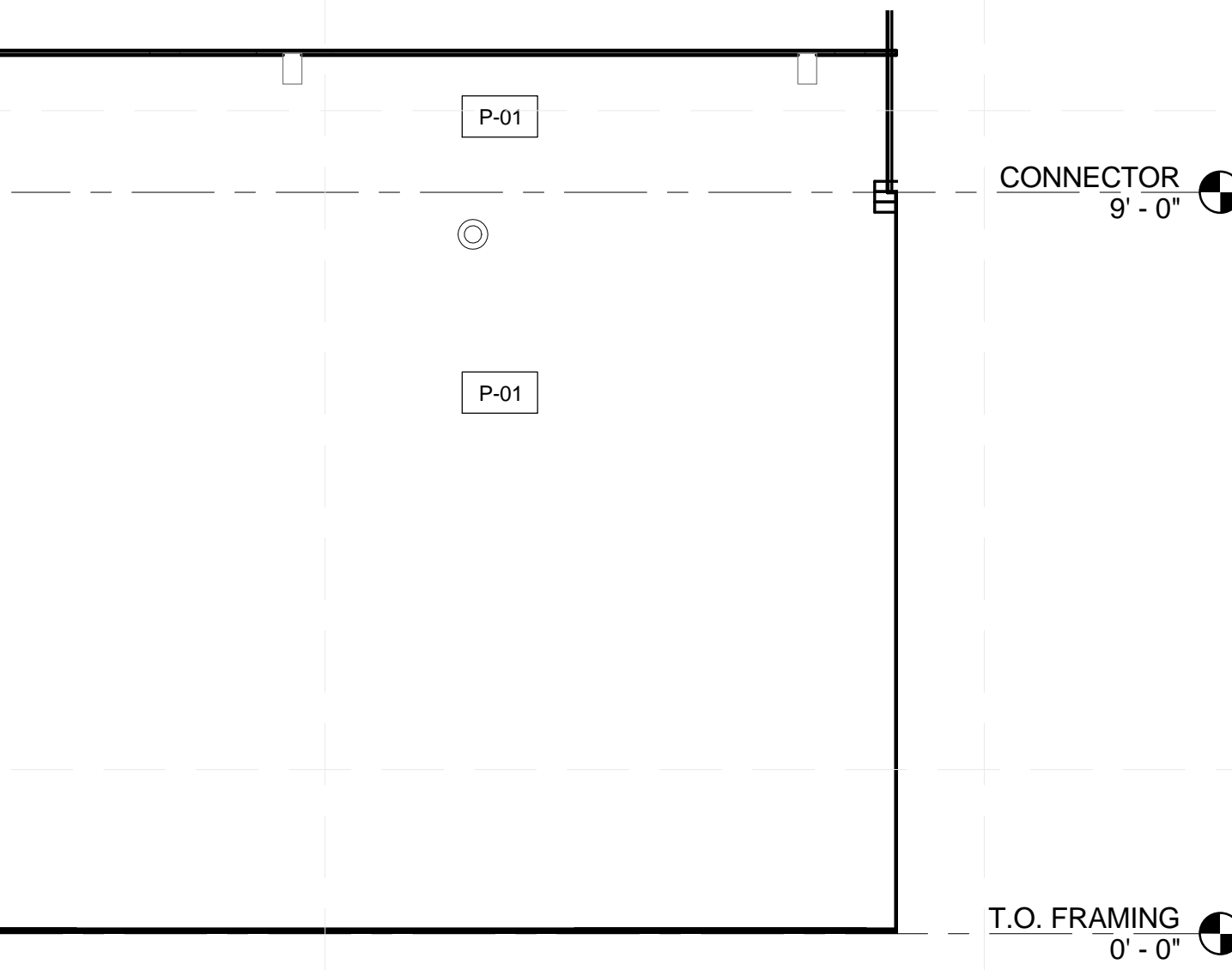
A-454



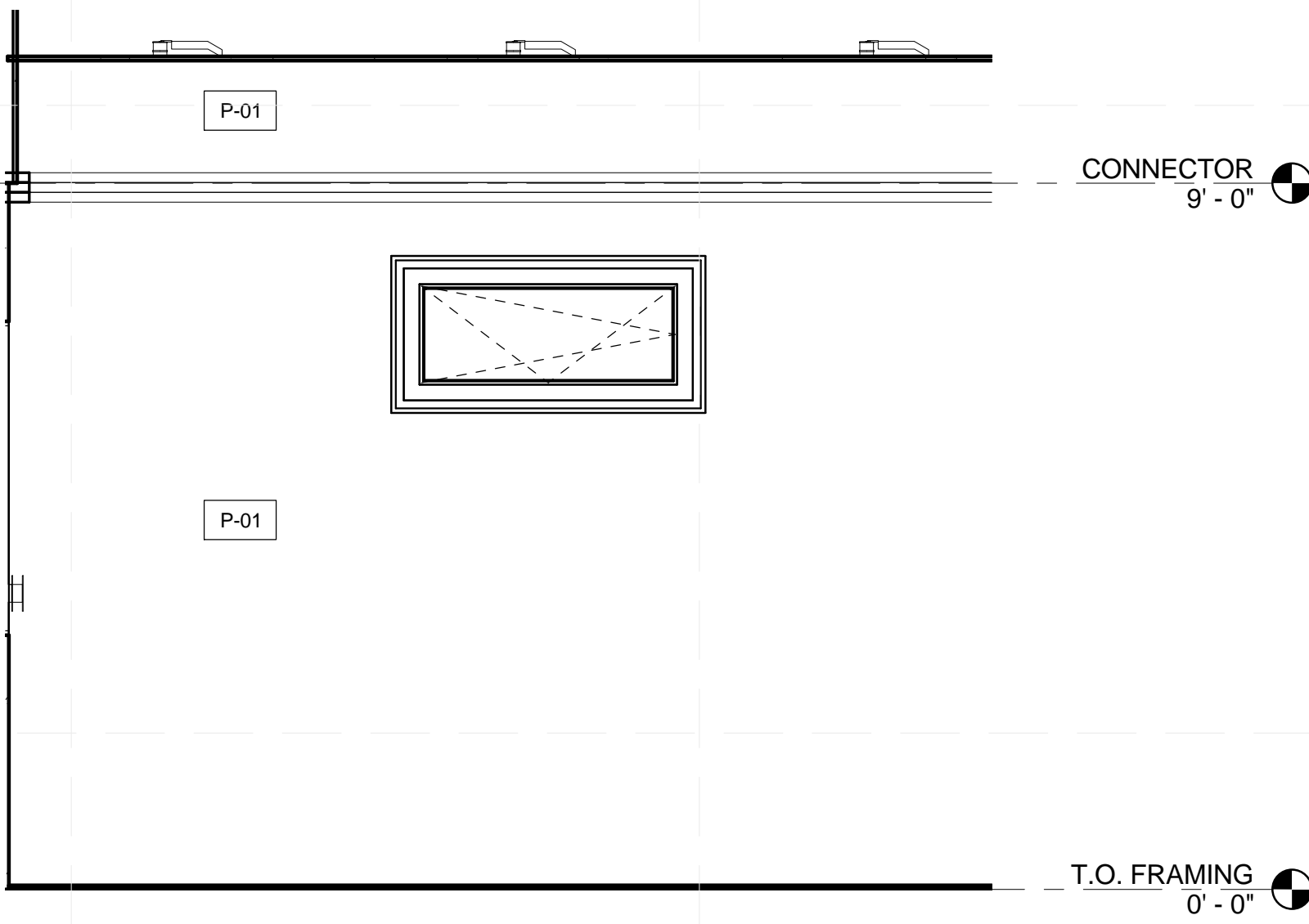
(C1) MASTER BR - WEST
 1/2" = 1'-0"



(C4) MASTER BR - EAST
 1/2" = 1'-0"



(A1) MASTER BR - NORTH
 1/2" = 1'-0"



(A4) MASTER BR - SOUTH
 1/2" = 1'-0"

GENERAL SHEET NOTES

ALL PIPES 1/2" PEX UNLESS SPECIFIED OTHERWISE

ALL PORTABLE TANKS, PUMPS, AND VALVES INTENDED TO MIMIC PUBLIC UTILITY WATER SUPPLY AND SEWAGE ARE TEMPORARY FOR COMPETITION PURPOSE ONLY.

SUPPLY AND WASTE LINES FROM TANKS TO HOUSE ARE TEMPORARY.

MOUNT MAIN SUPPLY AND FIRE SUPPRESSION PUMP ON STAND AND PROVIDE HOUSING.



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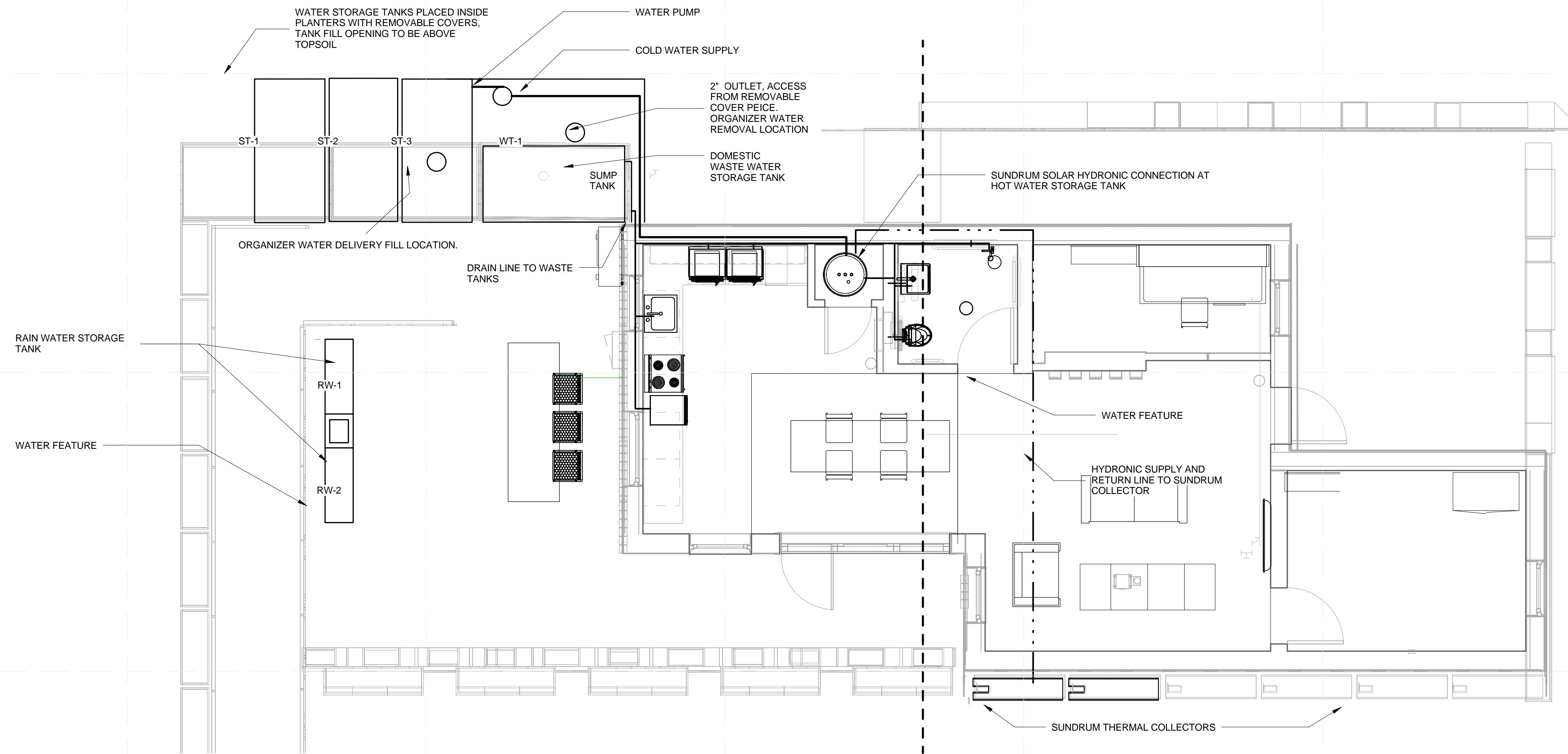
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MARK	DATE	DESCRIPTION

SHEET TITLE
PLUMBING SITE PLAN

P-101




LEGEND

- COLD WATER
- HOT WATER
- SOLAR HOT WATER

B1 PLUMBING SITE PLAN
 1/4" = 1'-0"



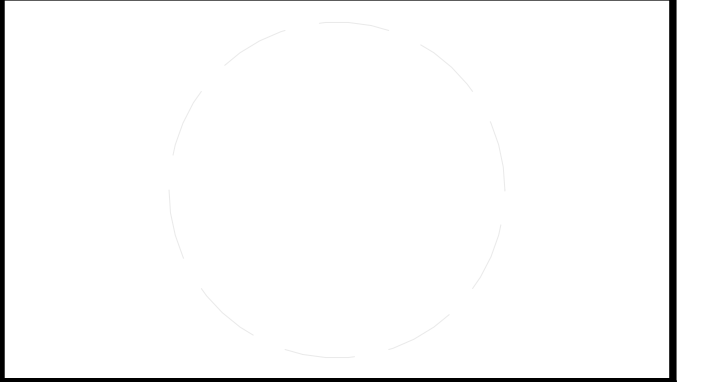
GENERAL SHEET NOTES




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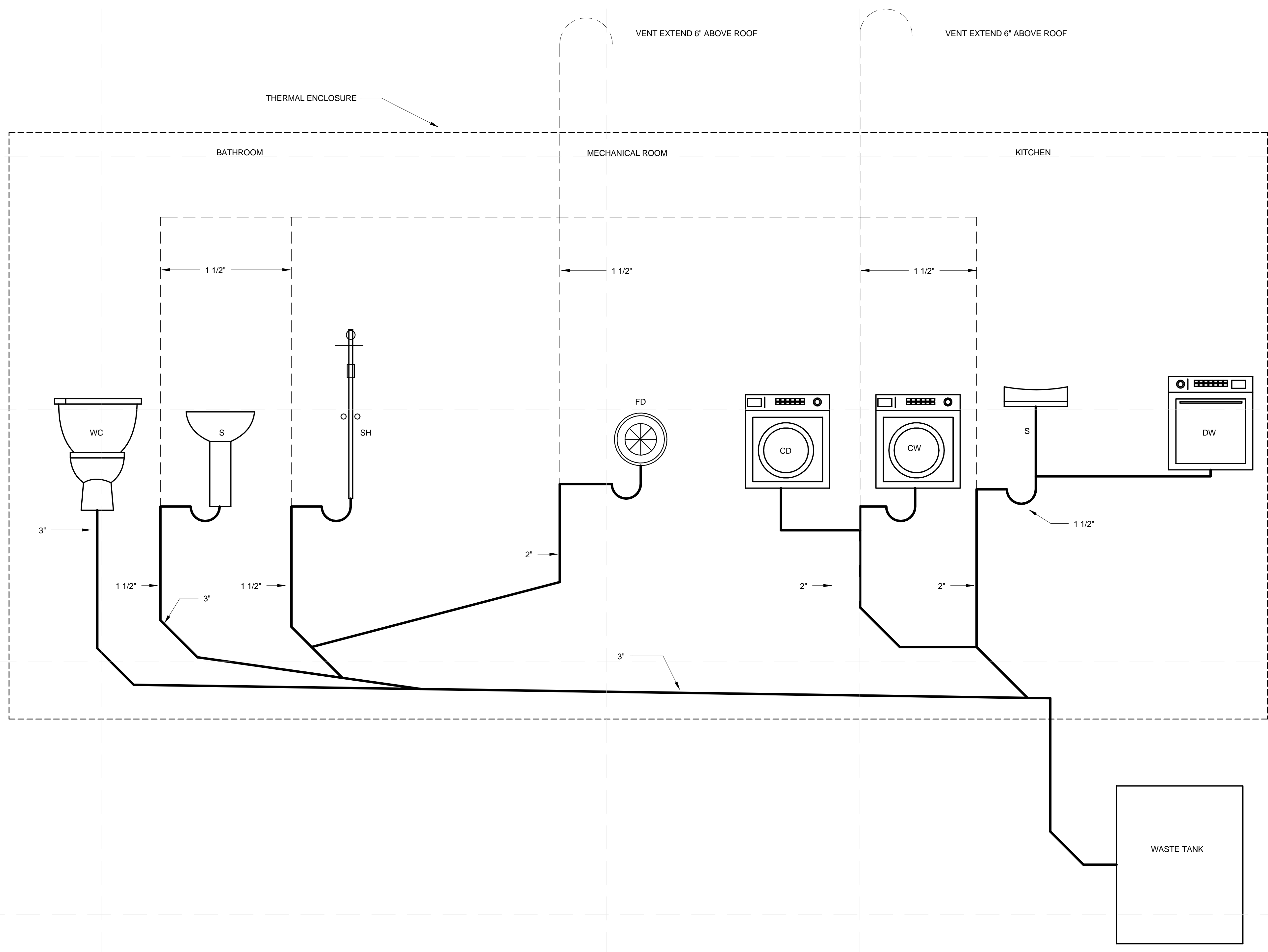


MARK	DATE	DESCRIPTION

LOT NUMBER: LOT NUMBER 105
 DRAWN BY: KEMOY HENRY
 CHECKED BY: Checker
 COPYRIGHT: NONE; PROJECT IS PUBLIC DOMAIN

SHEET TITLE
DOMESTIC RETURN DIAGRAM

P-105

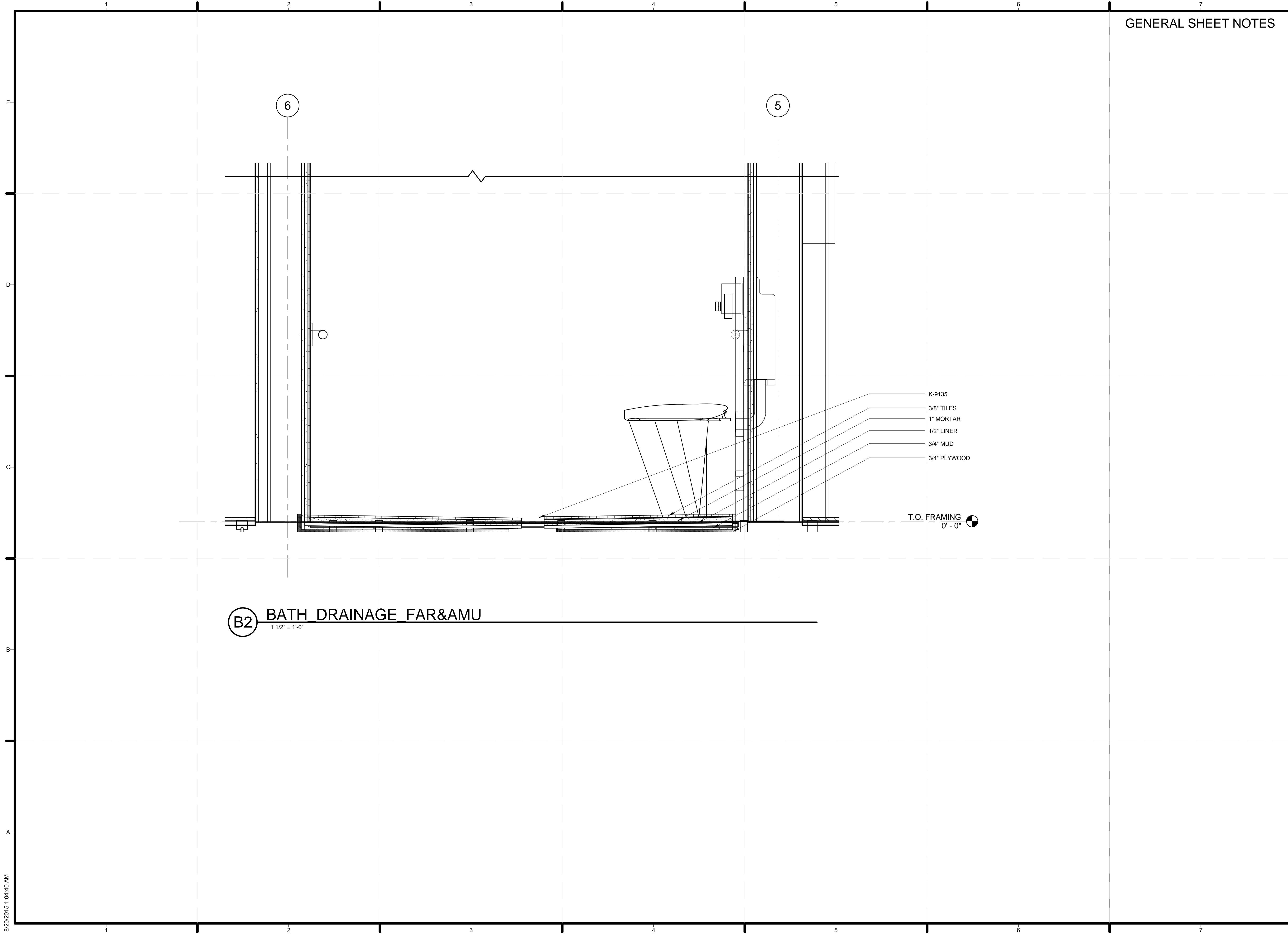


LEGEND

-  WASTE
-  VENT

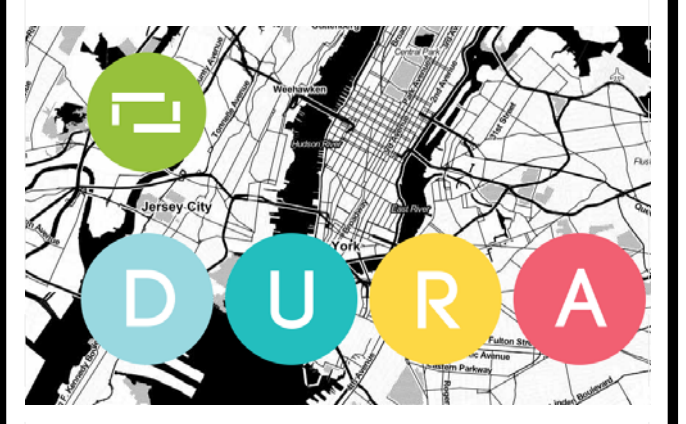
- WC - WATER CLOSET
- S - SINK
- SH - SHOWER
- FD - FLOOR DRAIN
- CW - CLOTHES WASHER
- CD - CONDENSING DRYER
- DW - DISHWASHER
- TRAP INTEGRATED IN TOILET

A1 DOMESTIC RETURN DIAGRAM
 1" = 1'-0"



B2 BATH DRAINAGE FAR&AMU
 1 1/2" = 1'-0"

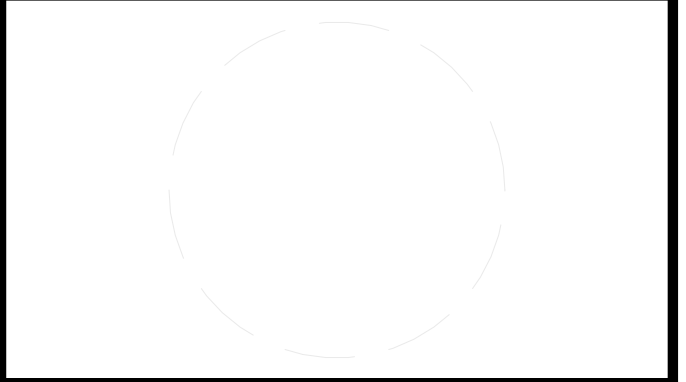
GENERAL SHEET NOTES



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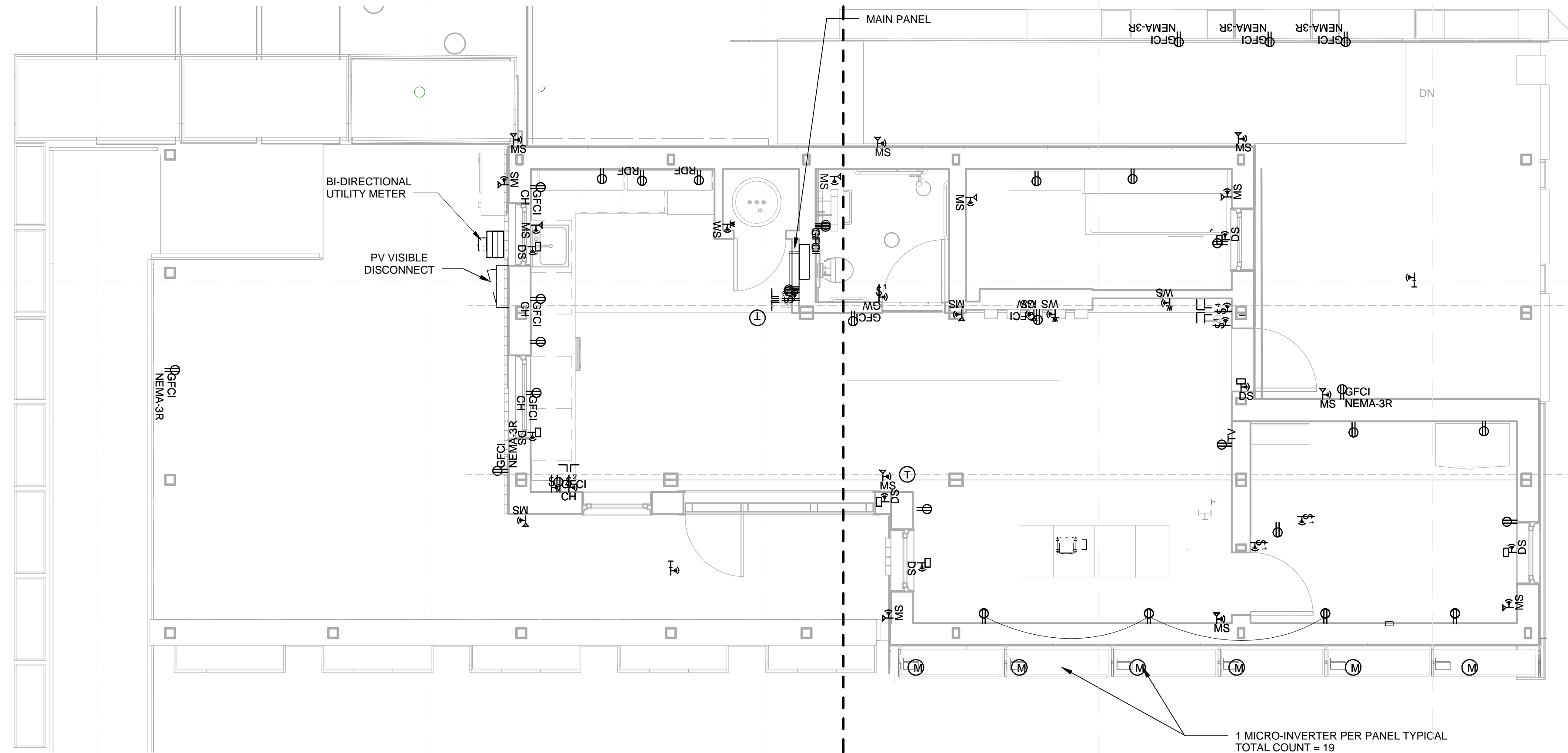
LOT NUMBER: LOT NUMBER 105
 DRAWN BY: Author
 CHECKED BY: Checker
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SHEET TITLE
 BATHROOM SECTION

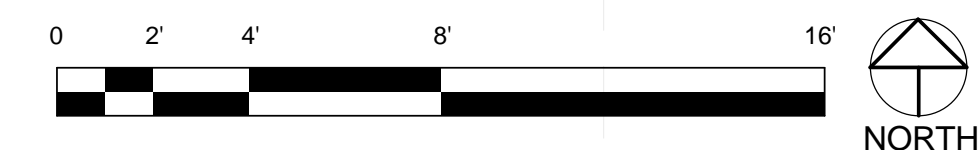
P-109

GENERAL SHEET NOTES

SIEMENS PL SERIES 200 AMP 42-SPACE 60 CIRCUIT INDOOR LOAD CENTER														
TYPE: SQ "D"			MAIN: BREAKER			CALCULATED VA			WATTAGE					
MOUNT: SURFACE														
CKT	BR	WIRE	DESCRIPTION			L1			L2					
WATTAGE	VA													
1			VILLAGE GRID TIE-IN						VILLAGE GRID TIE-IN					
3	150	3												
5	15	12	WASHING MACHINE			1200	1800	1350						
7	15	12	EXTERIOR LIGHTING			174	1800	1350	1350	1800	1000			
9	15	12	MODB1, MODC1 LIGHTS			282	1800	1800						
11	20	12	KITCHEN GFCI						1192.5	1590	300			
13	40	6	RANGE TOP			6200	9600	7200						
15									5760	5760	5600			
17	20	12	EXTERIOR GFCI S. AND W. DECK											
19									3600	4800	870			
21	20	8	WATER HEATER			4000	4800	3600						
23	40	6	CAR CHARGER			3300	9600	5760						
25	15	12	ERV-VENTILATOR			19	1800	1350	1800	2400	1100			
27	15	12	SUMP PUMP			800	1800	630	1350	1800	77			
29														
31														
33														
35														
37														
39														
41														
			365			15975			8947			319		



A1 PLAN - ELEC
1/4" = 1'-0"



LEGEND

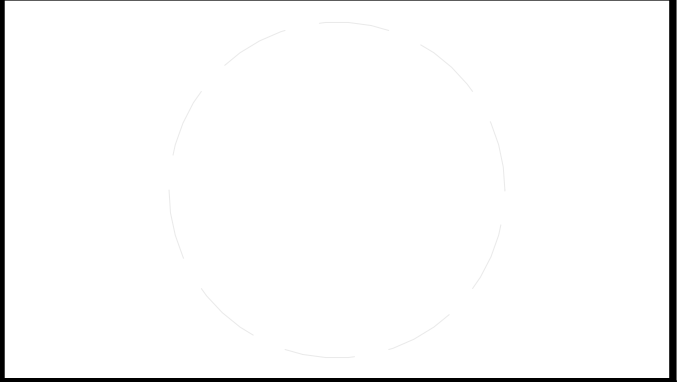
- TEMPERATURE SENSOR
- HUMIDITY SENSOR
- LIGHT SENSOR
- WATER SENSOR
- DOOR/WINDOW SENSOR
- MOTION SENSOR
- SMART SWITCH
- SMOKE DETECTORS

NEW YORK CITY COLLEGE OF TECHNOLOGY

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LOT NUMBER:	LOT NUMBER 105	
DRAWN BY:	Vijay Tulsee	
CHECKED BY:	Checker	
COPYRIGHT:	NONE: PROJECT IS PUBLIC DOMAIN	

SHEET TITLE
POWER PLAN

E-101

GENERAL SHEET NOTES



DURA HOME




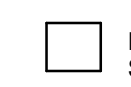
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LEGEND

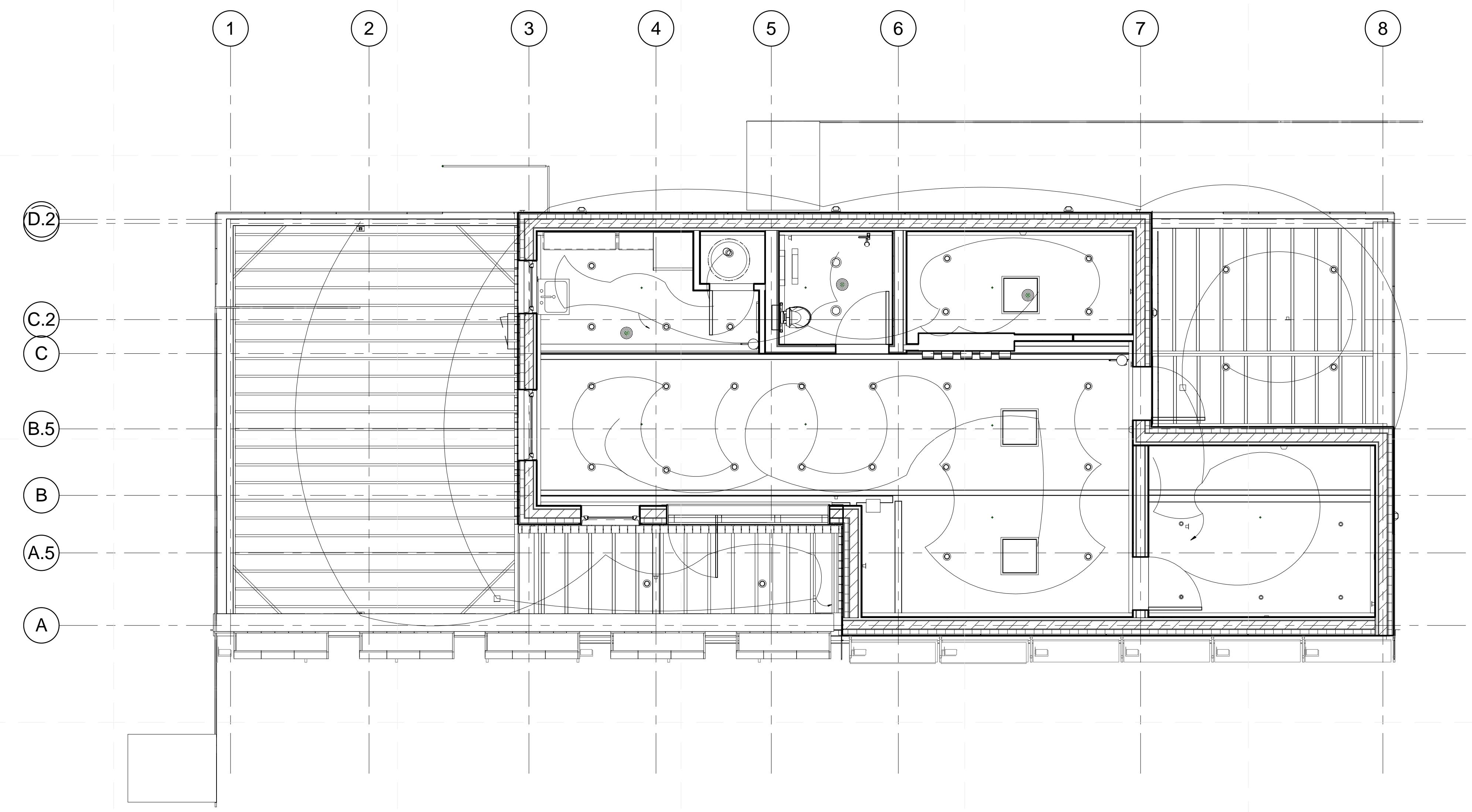
-  1 PANEL EATON SMART SWITCH
-  2 PANEL EATON SMART SWITCH
-  4 PANEL EATON SMART SWITCH
-  EATON SMART CONTROLLER

MARK	DATE	DESCRIPTION

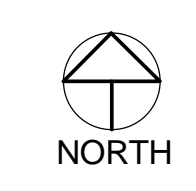
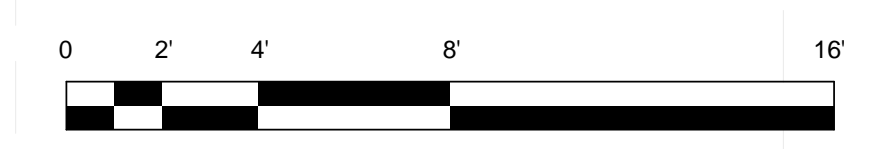
LOT NUMBER: LOT NUMBER 105
 DRAWN BY: Vijay Tulsee
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SHEET TITLE
 LIGHTING PLAN

E-102



1 ELECTRICAL LIGHTING PLAN
 1/4" = 1'-0"



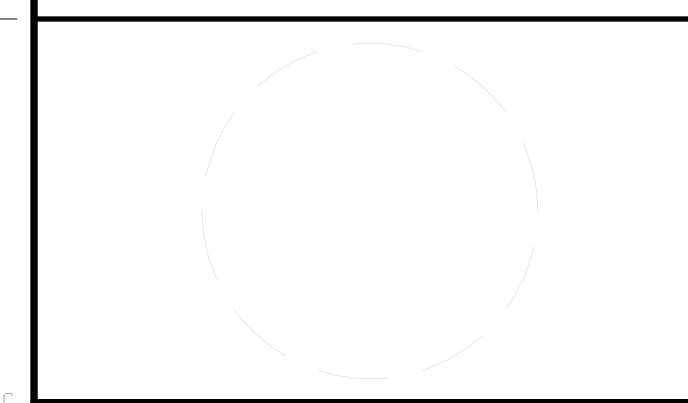
GENERAL SHEET NOTES



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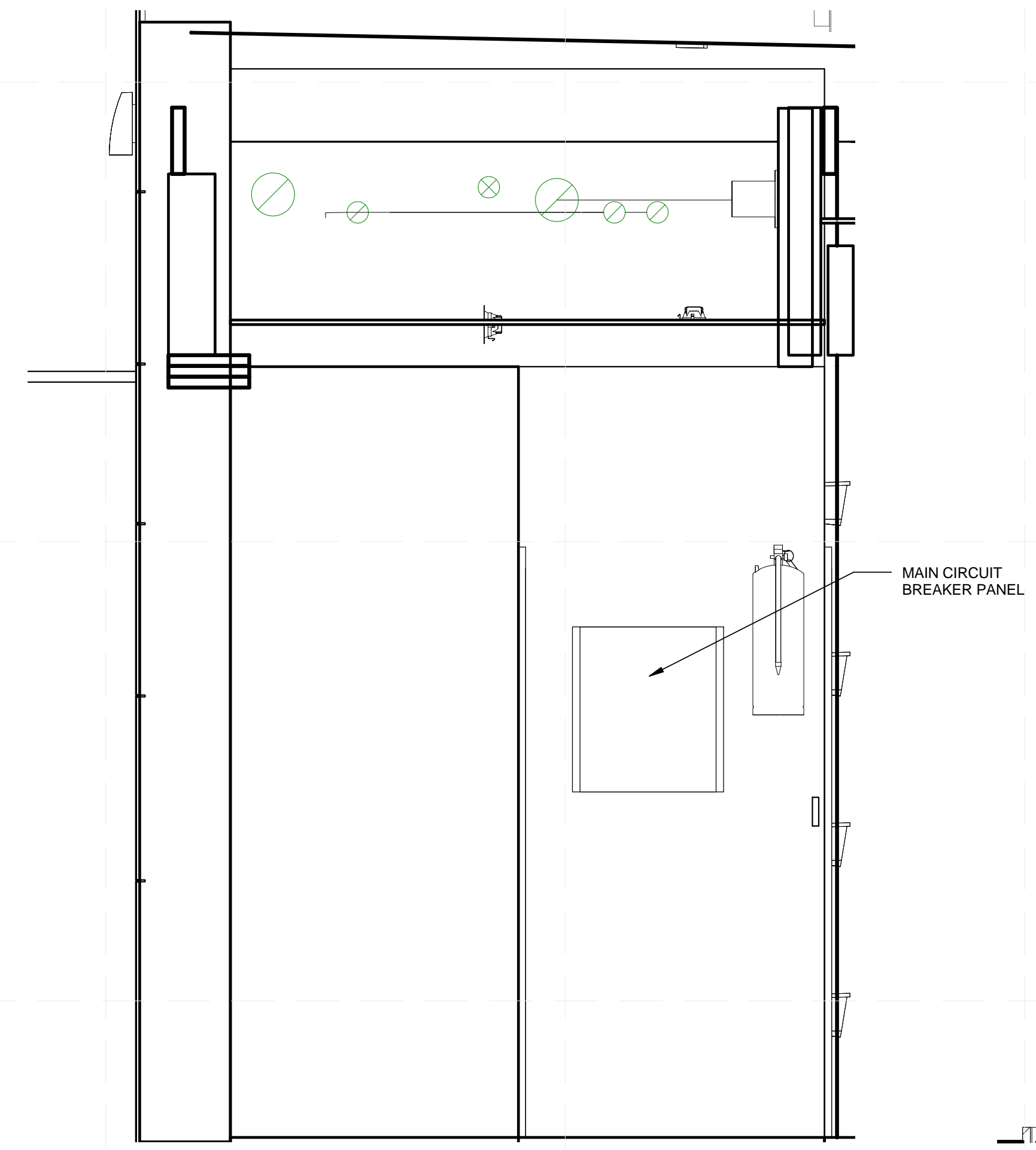
MARK	DATE	DESCRIPTION

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 DRAWN BY: Author
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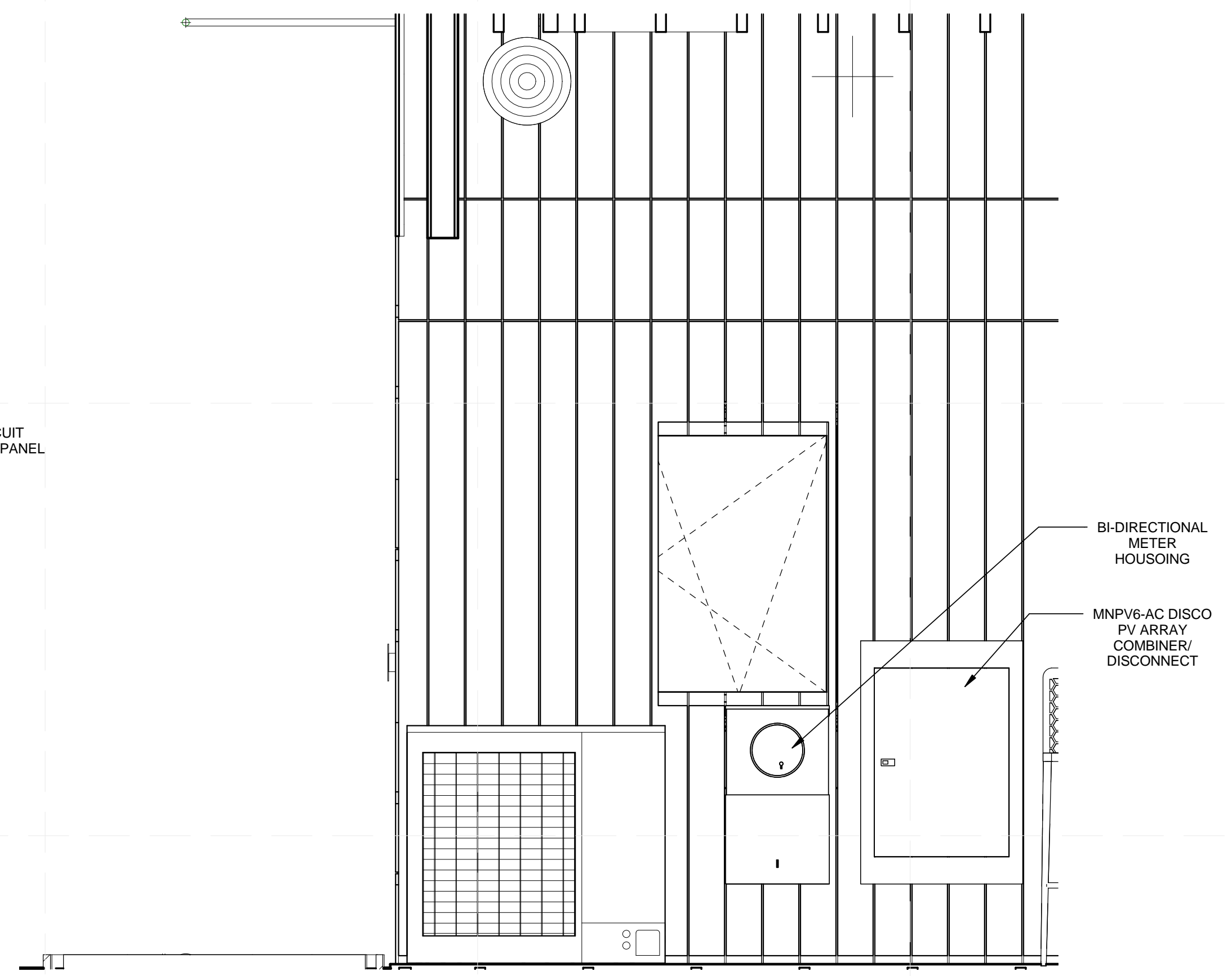
SHEET TITLE

INTERCONNECTION
 PANEL ELEV.

E-109



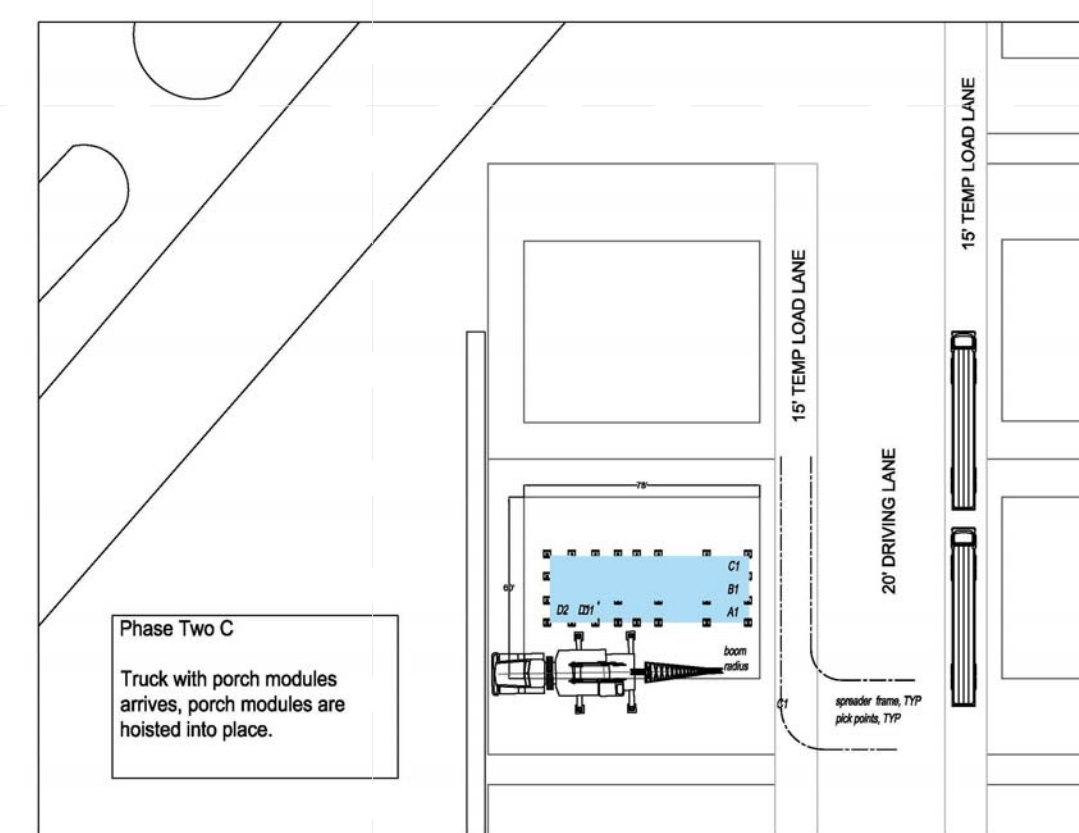
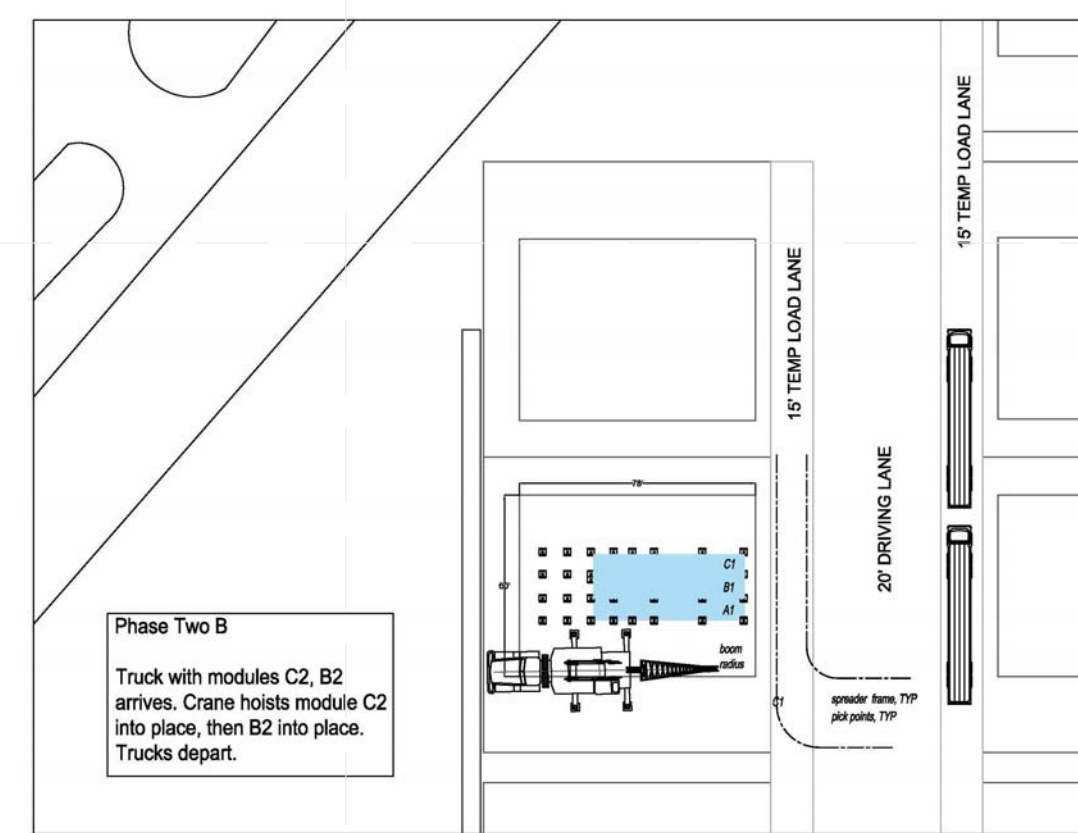
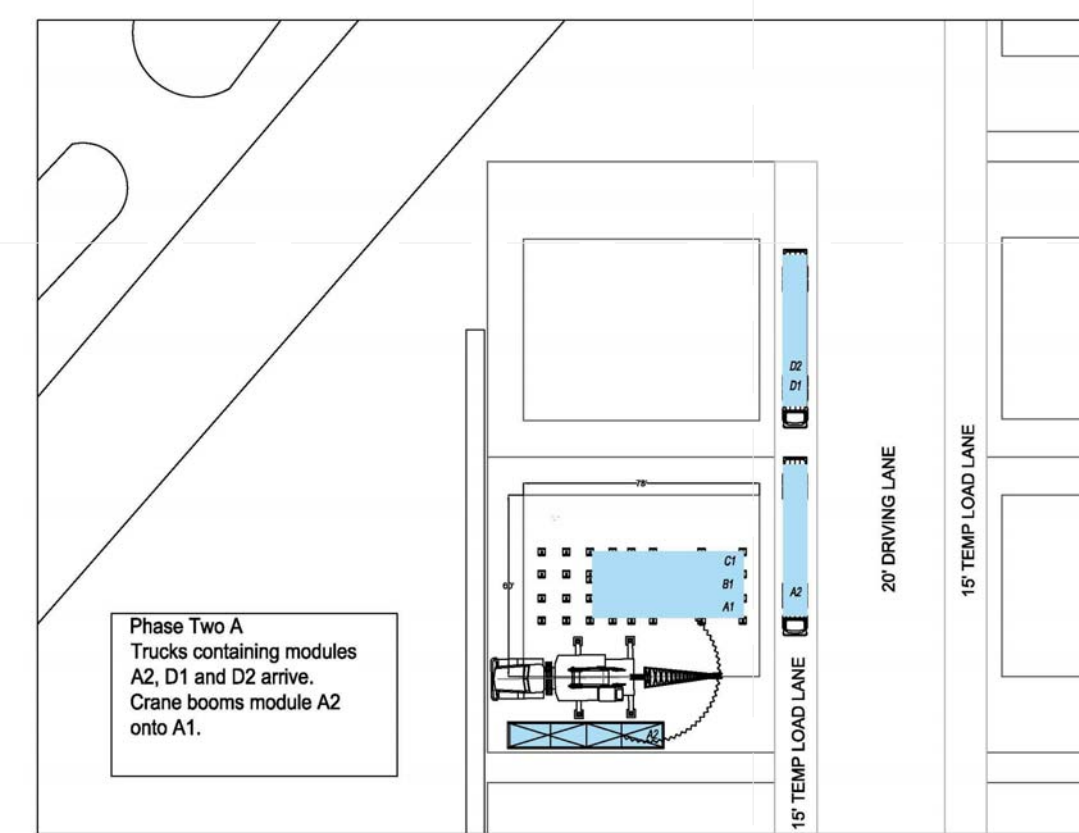
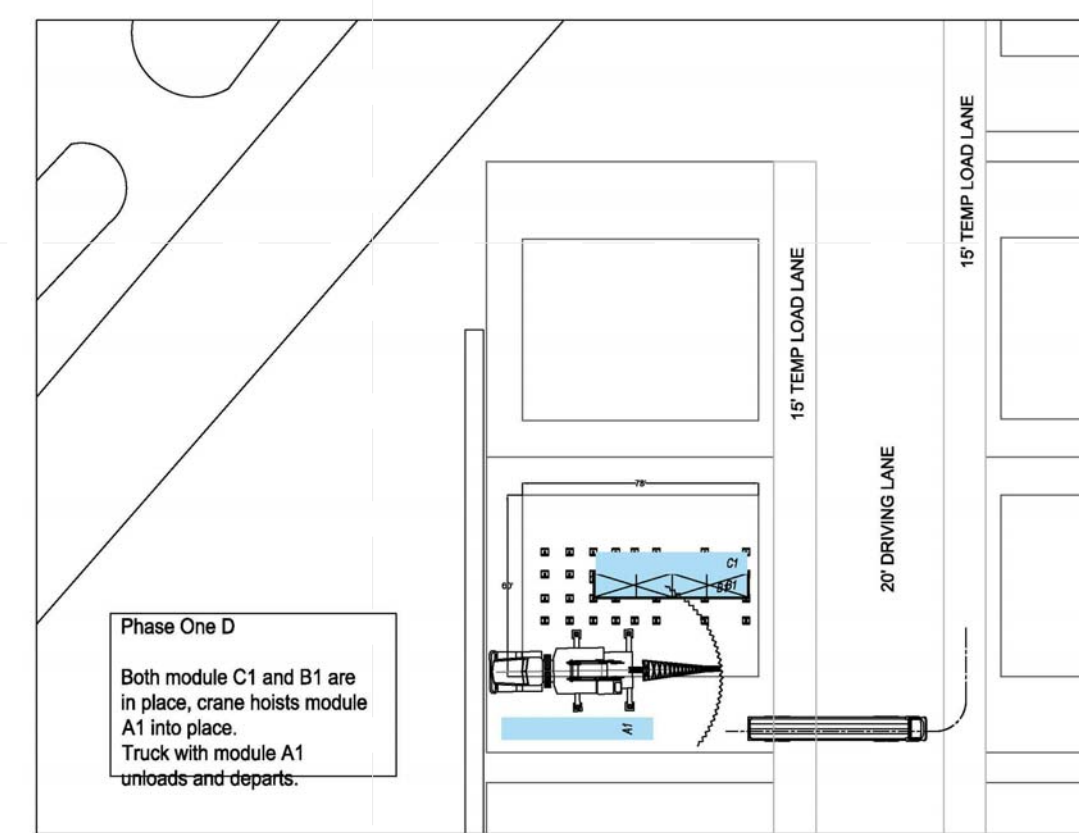
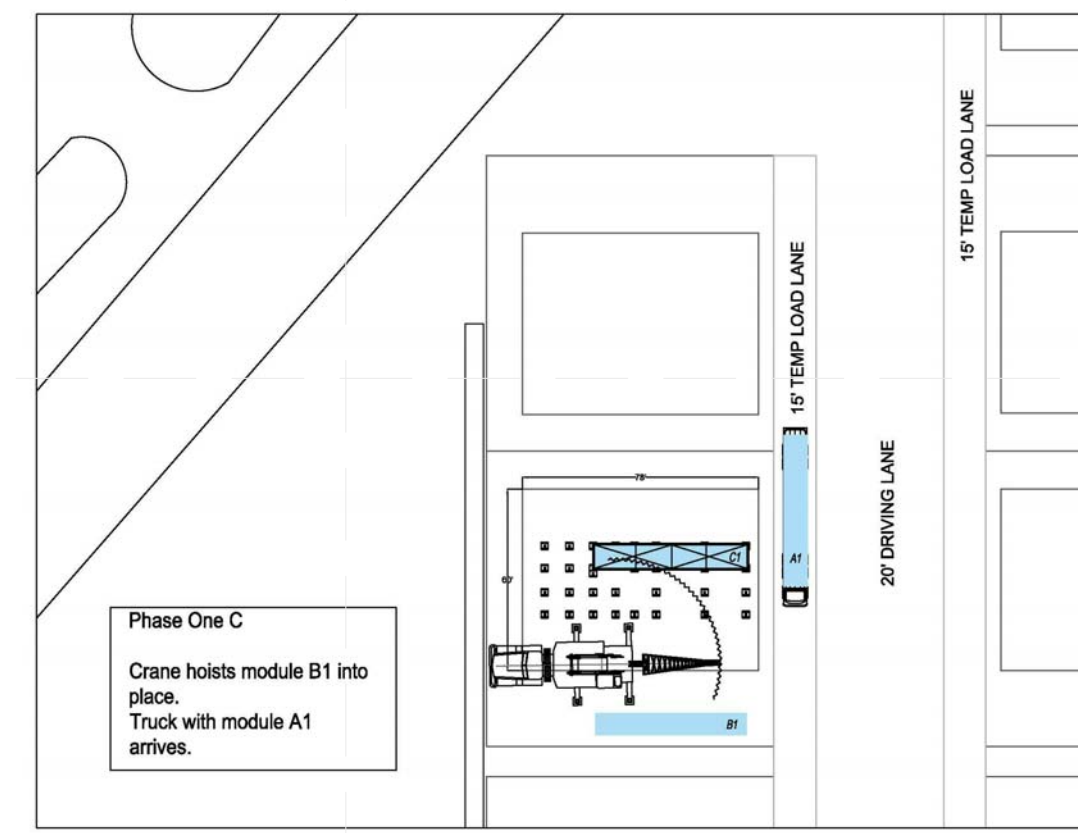
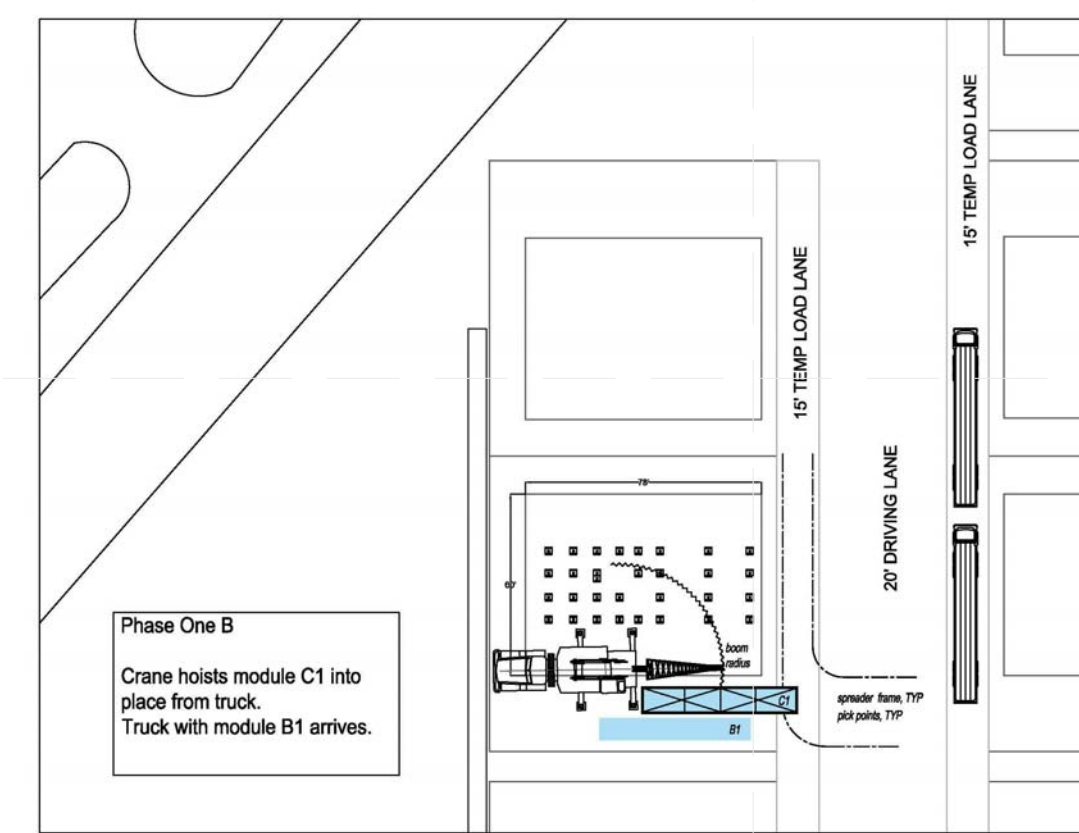
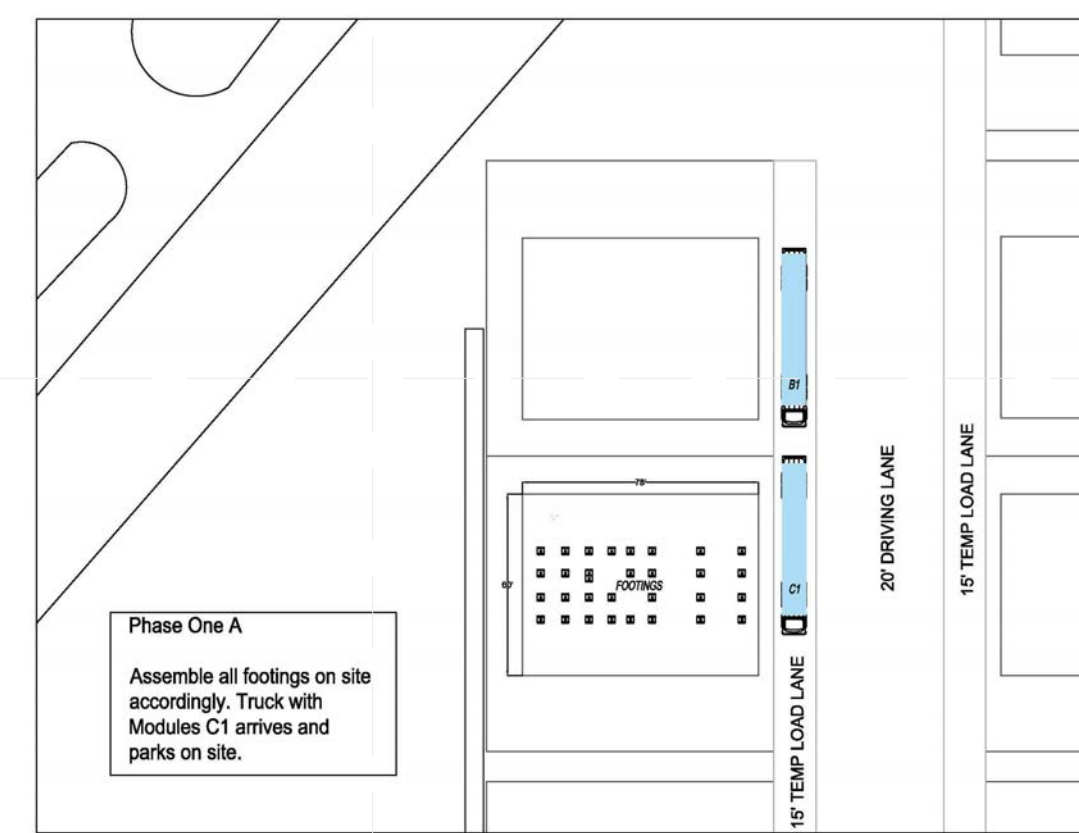
A1 ELEVATION 2 - CIRCUIT BREAKER PANEL
 3/4" = 1'-0"
 0 1' 2' 3' 4' 5'



A4 EXTERIOR ELEV INTERCONNECTION PANEL
 3/4" = 1'-0"
 0 1' 2' 3' 4' 5'

LEGEND

GENERAL SHEET NOTES



1 SITE STORYBOARD
NTS



LEGEND



DURA HOME

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DRAWN BY: CHANTAL MANNING
CHECKED BY: Checker
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SHEET TITLE

ARRIVAL SEQUENCE AND ASSEMBLY PLANS

O-120