

July 10,2024

Letter of Explanation

We are going to proceed with the remodeling of the existing house on this property and make a side addition and a 2nd. additional floor. A substantial area of the house that is invading public roads will be demolished.

A contemporary design addition will be made with deck areas on 2 levels and open space concept. The garage area will be moved to be able to expand the house in the area lost due to the demolition of the area under non-regulation of the original house.

THIS DOCUMENT IS CERTIFIED TO:



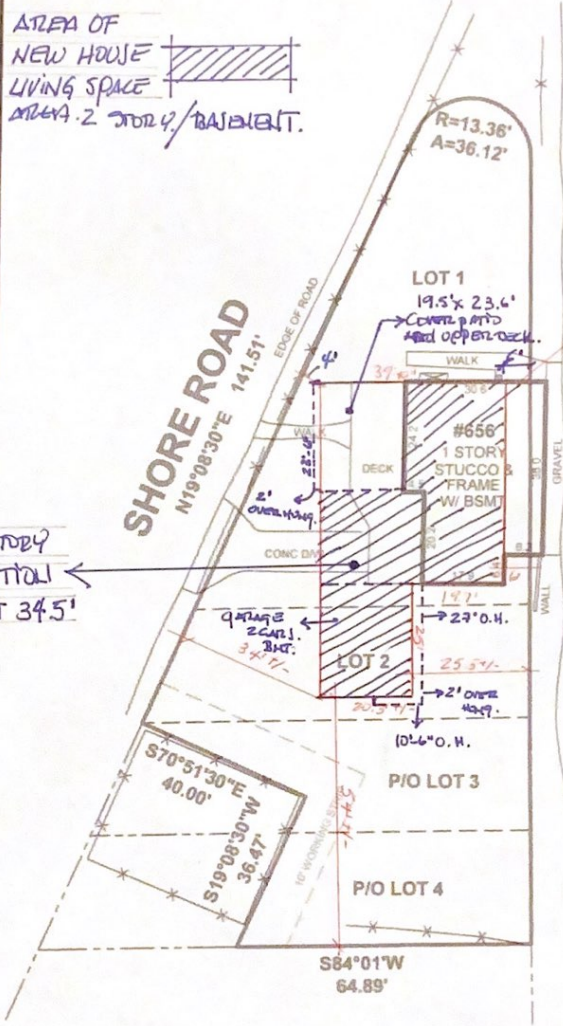
CASE # 2-70175-23



AREA OF NEW HOUSE LIVING SPACE AREA 2 STORY/BASEMENT.

NOTE: ENCROACHMENTS MAY EXIST

PROPOSED 2 STORY DWELING ADDITONAL WITH BASEMENT 34.5'



THE LEVEL OF ACCURACY OF DISTANCES TO APPARENT PROPERTY LINES IS: 2±

LOCATION DRAWING OF: #656 SHORE ROAD LOTS 1, 2 & PART OF 3 & 4, BLOCK 2 PLAT BOOK 2, PLAT 23 CARROLLTON MANOR LIBER 2688, FOLIO 889 ANNE ARUNDEL COUNTY, MARYLAND SCALE 1"=30' DATE 10-31-2023 DRAWN BY: AP FILE # 238582-152

- LEGEND: FENCE, BASEMENT ENTRANCE, BAY WINDOW, BRICK, BLDG RESTRICTION LINE, BASEMENT, CONCRETE STOOP, CONCRETE, DRIVEWAY, EXISTING, FRAME, MACADAM, NOW OR FORMERLY, OVERHANG, PUBLIC UTILITY ESBMT, PUBLIC IMPROVEMENT ESBMT, COLOR KEY: (RED) RECORD INFORMATION, (BLUE) IMPROVEMENTS, (GREEN) EASEMENTS & RESTRICTION LINES

A Land Surveying Company DULEY and Associates, Inc. Serving D.C. and MD. 14604 Elm Street, Upper Marlboro, MD 20772 Phone: 301-888-1111 Fax: 301-888-1114 Email: orders@duley.biz On the web: www.duley.biz



SURVEYOR'S CERTIFICATE I HEREBY STATE THAT I WAS IN RESPONSIBLE CHARGE OVER THE PREPARATION OF THIS DRAWING AND THE SURVEY WORK REFLECTED HEREIN AND IT IS IN COMPLIANCE WITH THE REQUIREMENTS SET FORTH IN REGULATION 12 CHAPTER 09 13.08 OF THE CODE OF MARYLAND ANNOTATED REGULATIONS. THIS SURVEY IS NOT TO BE USED OR RELIED UPON FOR THE ESTABLISHMENT OF FENCES, BUILDING, OR OTHER IMPROVEMENTS. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENTS IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING. THE LEVEL OF ACCURACY FOR THIS DRAWING IS 2±. NO TITLE REPORT WAS FURNISHED TO NOR DONE BY THIS COMPANY. SAID PROPERTY SUBJECT TO ALL NOTES, RESTRICTIONS AND EASEMENTS OF RECORD. BUILDING RESTRICTION LINES AND EASEMENTS MAY NOT BE SHOWN ON THIS SURVEY. IMPROVEMENTS WHICH IN THE SURVEYOR'S OPINION APPEAR TO BE IN A STATE OF DISREPAIR OR MAY BE CONSIDERED "TEMPORARY" MAY NOT BE SHOWN. IF IT APPEARS ENCROACHMENTS MAY EXIST, A BOUNDARY SURVEY IS RECOMMENDED.

DULEY & ASSOC. WILL GIVE YOU A 100% FULL CREDIT TOWARDS UPGRADING THIS SURVEY TO A "BOUNDARY/STAKE" SURVEY FOR ONE YEAR FROM THE DATE OF THIS SURVEY (EXCLUDING D.C. & BALT CITY)

CRITICAL AREA REPORT WORKSHEET TO ACCOMPANY THE SITE PLAN

Permit Number _____

Total Site Area 10403 Square Feet (1 Acre = 43,560 Square Feet)

Total Wooded Area 250 Square Feet- 'Wooded' MEANS A BIOLOGICAL COMMUNITY DOMINATED BY TREES AND OTHER WOODY PLANTS (SHRUBS AND UNDERGROWTH), INCLUDING FORESTS THAT HAVE BEEN CUT BUT NOT CLEARED.

* Please Indicate Square Footage of Woodland Removed for the following:

- | | |
|---------------------------------------|--|
| 1. House <u>1886</u> Sq. Ft. | 5. Accessory Structure <u>NA</u> Sq. Ft. |
| 2. Septic or sewer <u>100</u> Sq. Ft. | 6. Additions <u>NA</u> Sq. Ft. |
| 3. Well <u>NA</u> Sq. Ft. | 7. Storm Water Management <u>NA</u> Sq. Ft. |
| 4. Driveway <u>384</u> Sq. Ft. | 8. Other Clearing: work area; access; stockpiles, etc. <u>NA</u> Sq. Ft. |

* Total Woodland Removed = 50 Sq. Ft.

"Impervious Coverage" IS ANY SURFACE THAT WILL NOT ABSORB LIQUID. THIS INCLUDES ROOFS, SIDEWALKS, DRIVEWAYS, AND ANY TYPE OF PAVEMENT. COMPACTED GRAVAEL IS CONSIDERED AN IMPERVIOUS SURFACE.

* Please Indicate Square Footage of Impervious Coverage for the following:

- | <u>Existing Impervious</u> | <u>Proposed Impervious</u> |
|--|--|
| 1. House (roof area) <u>1480</u> Sq. Ft. | 1. House (roof area) <u>1886</u> Sq. Ft. |
| 2. Driveway + Sidewalks <u>384</u> Sq. Ft. | 2. Driveway + Sidewalks <u>384</u> Sq. Ft. |
| 3. Accessory Structures <u>NA</u> Sq. Ft. | 3. Accessory Structures <u>NA</u> Sq. Ft. |
| | 4. Additions <u>NA</u> Sq. Ft. |

* Total Existing and Proposed Impervious Coverage 2270 Sq. Ft.

⊗ PLEASE INCLUDE ALL EXISTING AND PROPOSED SQUARE FOOTAGE.

I COLIN J. WITHERS, _____, (property owner and contract purchaser, if applicable) hereby certify that the above critical area worksheet is true and correct based upon personal knowledge. I further declare that a copy of the foregoing document will be transferred to any purchaser of this property from me (or corporation, if applicable) at the time of settlement. I hereby understand that these computations shall be a binding part of issuance of a building permit for lot # 1,2,3,4, block # 2 of Subdivision 170.

I hereby certify that I have seen and read the record plat (if approved after 1986 and subject to Critical Area requirements) and have indicated on the attached site plan any easements, buffers, or other restrictions declared on said plat.

COLIN J. WITHERS (Signature)  (Date)

_____ (Title)

_____ (Signature) _____ (Date)

_____ (Title)

- A. Existing propose of the residence for Residential use (single family)
- B. Predominant trees natives' trees from Chesapeake Bay area.
We do not remove major of the trees on this project, we affect only 440 sf. Of land without any vegetation (grass only).
- C. We will minimize impact on water quality with silt fence all around construction areas.
- D. The impervious surface area will be:
 - 1. House area = 1860 sf
 - 2. Driveway = 384 sf.
Total of imperious area = 2,244 SF.
- E. None habitat protection areas on this project.

656 SHORE RD. SEVERNA PARK MD. 21146 BUILDING ADDITION

DAMAT SERVICES INC.
ARCHITECTURAL DWG
CONSULTING
interiors

P.O. BOX 4632 CROFTON - MARYLAND
tel: 240.535.0223 damatvalverde@yahoo.com

General Notes:

- DO NOT SCALE DRAWINGS. Verify all conditions in the field prior to construction. Notify the Designer of any discrepancies.
- All dimensions are to face of drywall, unless otherwise noted.

PROJECT
SECOND FLOOR ADDITION AND RENOVATION
656 SHORE RD. SEVERNA PARK MD. 21146

SHEET TITLE:
COVERSHEET

DATE:
PERMIT SET: 03.18.2024

CLIENT:
656 SHORE RD.
SEVERNA PARK MD. 21146

Scale: As Shown

Job No.: -----

Drawn by: JW

Checked by: JW

Sheet No.:

CS

CONSTRUCTION AREA

CONTACT INFORMATION

SCOPE OF WORK

SYMBOLS

DRAWING INDEX

ENGINEERS:
DAMAT SERVICES INC.
QUINTON E. WORRELL CONSULTANT ENGINEER
7304 GEORGIA AV. NW. WASHINGTON DC.
240.535.0223

OWNER:

656 SHORE RD.
SEVERNA PARK MD. 21146

- NEW SECOND FLOOR ADDITION
- FIRST FLOOR INTERIOR RENOVATION
- SIDE 2 CAR RENOVATION WITH 2ND FLOOR ADDITION
- FRONT PORCH ADDITION AND REAR PORCH ADDITION

- NORTH ARROW
- ELEVATION
- PLAN DETAIL
- SECTION
- INTERIOR ELEVATIONS
- DOOR TYPE
- PARTITION TYPE
- FINISHES
- NOTE (PLAN OR ELEVATION)
- WINDOW TYPE
- REVISIONS

DESIGN TEAM

BUILDING CODE DESIGN INFORMATION

DRAWINGS BY: DAMAT SERVICES INC.
JORGE VALVERDE
P.O BOX 3784
CROFTON MD. 21114
(240) 535-0223

APPLICABLE CODES:

IBC 2018, IPC 2018, IMC 2018, NEC 2018, NFPA 2018,
IECC 2018, MARYLAND REHABILITATION CODE, MARYLAND
ACCESSIBILITY CODE AND THE STATE OF MARYLAND
BUILDING STANDARDS. 2018 INTERNATIONAL RESIDENTIAL CODE,
2018 IECC INTERNATIONAL ENERGY CONSERVATION. SUBTITLE 4 OF
MONTGOMERY COUNTY BUILDING AMENDMENT.

ENGINEER : QUINTON E. WORRELL
ASSOCIATES
7304 GEORGIA AVE NW STE 3
WASHINGTON, DC 20012
(202) 491-8309

ABBREVIATIONS

STRUCTURAL SPECIFICATIONS

<p>& AND L. ANGLE AT BASEMENT C. CENTERLINE D. DIAMETER OR ROUND I. PERPENDICULAR ACOVE. ACQUISITION A.F.F. ABOVE FINISH FLOOR ALUM. ALUMINUM APPROX. APPROXIMATE ARCH. ARCHITECTURAL</p> <p>BA. BATHROOM BD. BOARD BH. BULKHEAD BLDG. BUILDING BLDG. BLOCKING BOT. BOTTOM BR. BEDROOM C. CHANNEL CAB. CABINET CCR. CERAMIC CLC. CEILING CLS. CLOSET CMU. CONCRETE MASONRY UNITS COL. COLUMN CONC. CONCRETE CONSTR. CONSTRUCTION CONT. CONTINUOUS CORR. CORRIDOR</p> <p>D. DEEP DEL. DOUBLE D.F. DRINKING FOUNTAIN D.S. DOWNSPOUT DET. DETAIL DIS. DISH DN. DOWN D.O. DOOR OPENING DR. DRIVING ROOM DWG. DRAWING</p> <p>EA. EACH ELC. ELEVATION ELEC. ELECTRICAL EQ. EQUIPMENT E.W.C. ELECTRIC EXT. EXTENSION EXP. EXPANSION EXT. EXTERIOR</p> <p>F.F. FIRE EXTINGUISHER F.E.C. FIRE EXTINGUISHER CABINET F.F. FINISH FLOOR F.H.C. FIRE HOSE CABINET FL. FLOOR FLU. FLUORESCENT FLOOR FT. FOOT OR FEET GA. GAUGE GALV. GALVANIZED GL. GLASS G.P. GYPSSUM H. HIGH H.W.D. HARDWOOD H.M. HOLLOW METAL</p> <p>HORIZ. HORIZONTAL HR. HOUR HT. HEIGHT INSUL. INSULATION INT. INTERIOR</p> <p>JAN. JANITOR CLOSET JT. JOINT KIT. KITCHEN LAV. LAVATORY</p>	<p>MAS. MASONRY MAX. MAXIMUM MECH. MECHANICAL MET. METAL MFR. MANUFACTURER MIN. MINIMUM MISC. MISCELLANEOUS M.O. MASONRY OPENING MTD. MOUNTED N.A. NOT APPLICABLE N.L.C. NOT IN CONTRACT NO./# NUMBER</p> <p>O.A. OVERALL O.C. ON CENTER O.D. OUTSIDE DIAMETER OFF. OFFICE O.H. OVERHEAD OPNG. OPENING O.R. OUTSIDE RADIUS</p> <p>P.L. PROPERTY LINE PL. PLATE P. LAM. PLASTIC LAMINATE P.LWD. PLYWOOD PTD. PAINTED</p> <p>R. RISER RAD. RADIUS R.D. ROOF DRAIN REC. RECEPTACLE RENF. REINFORCED RESUL. RESISTANT RW. ROOM R.O. ROUGH OPENING</p> <p>S.C. SOLID CORE SCHED. SCHEDULE R.D. ROOF DISPENSER SECT. SECTION S.D. STANDARD SHT. SHEET SIM. SIMILAR SPECS. SPECIFICATIONS SQ. SQUARE SST. STAINLESS STEEL STD. STANDARD STL. STEEL STR. STORAGE SUSP. SUSPENDED</p> <p>T. TREAD TEL. TELEPHONE THK. THICK T.D. TYPICAL T.P.D. TOILET PAPER DISPENSER TYP. TYPICAL</p> <p>U.O.N. UNLESS OTHERWISE NOTED V.C. VENEER COMPOSITION TILE VERT. VERTICAL</p> <p>W. WIDE W/ WITH WOOD WOOD W/O WITHOUT W/O WITHOUT</p> <p>W.W.F. WELDED WIRE FABRIC</p>
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LIVE LOADS: WIND LOAD = 20.7 PSF
SNOW LOAD = .35 PSF.

MATERIALS & SPECIFICATIONS:
ALL DESIGN AND CONSTRUCTION WORK SHALL CONFORM TO IBC 2018

CONCRETE:
ALL STRUCTURAL CONCRETE SHALL CONFORM TO (ACI 318-2018) THE AMERICAN CONCRETE INSTITUTE
"BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". THE CONCRETE SHALL DEVELOPED A MINIMUM
28 DAYS COMPRESSIVE STRESS OF 3500 PSI (F_c'=3500 PSI)

LUMBER:
ALL LUMBER SHALL CONFORM TO THE NDS-2018 DEVELOPED BY THE AMERICAN WOOD COUNCIL(AWC) WOOD
DESIGN STANDARDS AND REFERENCED THE IBC 2018.

MANUFACTURED WOOD:
ALL LVL's, PSL's & LVL's SHALL CONFORM TO THE ICC ESR-1387, HUD MR 1285c, HUD MR 1303a AND
HUD MR 925.

STRUCTURAL STEEL:
ALL STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATION FOR THE DESIGN, FABRICATION AND
ERECTION OF STRUCTURAL STEEL FOR BUILDINGS. ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM
A-36. ALL SHIP CONNECTIONS SHALL BE WELDED. FIELD CONNECTIONS SHALL BE MADE WITH HIGH
STRENGTH BOLTS, UNLESS OTHERWISE NOTED.

MISCELLANEOUS METALS:
ALL MISCELLANEOUS METAL PLATES, ANGLES, CHANNELS, ETC. SHALL BE ASTM A-36 STEEL.

BOLTS:
ALL BOLTS SHALL BE 1/2" DIAMETER HIGH STRENGTH BOLTS CONFORMING TO ASTM A-325 UNLESS
OTHERWISE NOTED. ALL BOLTS SHALL BE TIGHTENED BY THE TURN-OF-NUT METHOD.

REINFORCING STEEL:
ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A-615 GRADE 60.

WELDS:
ALL WELDING SHALL CONFORM TO THE AWS STRUCTURAL WELDING CODE D11.1-79 WELDS SHALL BE
INSTALLED BY WELDERS QUALIFIED IN ACCORDANCE WITH AWS PROCEDURES FOR WELDER QUALIFICATIONS.
ALL WELDS SHALL BE 1/8" FILLET WELD UNLESS OTHERWISE NOTED.

MORTAR:
MORTAR FOR MASONRY WORKS SHALL BE TYPE M MORTAR CONFORMING TO ASTM C270.

BRICKS:
NEW BRICKS SHALL CONFORM TO THE REQUIREMENTS FOR GRADE MW OR SW AS SPECIFIED IN ASTM C82
OR C 216.

MASONRY UNITS:
ALL CONCRETE NON-LOADBEARING MASONRY UNITS SHALL CONFORM TO ASTM C129

GENERAL NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION COMPATIBILITY OF THE NEW WORK TO THE EXISTING WORK.
- THE CONTRACTOR SHALL VERIFY ALL SIZES AND LOCATIONS OF EXISTING BEAMS, COLUMNS, JOIST, ETC. IMPACTED BY RETROFIT WORK BEFORE ANY FABRICATION AND CONSTRUCTION WORK BEGINS.

GENERAL NOTES

CODES, STANDARDS & PROCEDURES:

- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MARYLAND, MD'S BUILDING CODE AND AMENDMENTS, AND ALL OTHER APPLICABLE FEDERAL, AND STATE LAWS AND ORDINANCES, ACCESSIBILITY CODES, STANDARDS, AND REGULATORY AGENCIES.
- ALL WORK SHALL BE OF THE HIGHEST QUALITY FOLLOWING THE CONTRACT DOCUMENTS, PROJECT SPECIFICATIONS, MANUFACTURERS SPECIFICATIONS AND RECOMMENDATIONS, AND THE BEST ACCEPTED TRADE PRACTICES AND STANDARDS.
- DETAILS SHOWN ARE INTENDED TO BE INDICATIVE OF THE PROFILES AND TYPES OF DETAILING REQUIRED FOR THE WORK. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED.
- EACH CONTRACTOR SHALL KEEP ACCURATE RECORDS OF ALL WORK WHICH DIFFERS FROM CONTRACT DOCUMENTS SO THAT ACCURATE RECORD DRAWINGS AND SPECIFICATIONS CAN BE KEPT AND PROVIDED BY THE CONTRACTOR TO THE OWNER AT PROJECT CLOSEOUT.
- EACH CONTRACTOR SHALL VISIT THE SITE AND BE KNOWLEDGEABLE OF CONDITIONS THEREOF. FAILURE TO EXAMINE THE SITE AND DETERMINE EXISTING CONDITIONS OR NATURE OF NEW CONSTRUCTION, OR NATURE AND EXTENT OF WORK TO BE PERFORMED BY OTHER TRADES WILL NOT BE CONSIDERED A BASIS FOR GRANTING OF ADDITIONAL COMPENSATION.
- THE CONTRACTOR SHALL INVESTIGATE, VERIFY AND BE RESPONSIBLE FOR ALL REQUIREMENTS OF THE PROJECT AND SHALL NOTIFY THE ARCHITECT OF ANY CONDITIONS CONTRARY TO THE CONSTRUCTION DOCUMENTS THAT REQUIRE MODIFICATION BEFORE PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING SITE ELEMENTS, ADJACENT BUILDINGS AND STREETS FROM DAMAGE DUE TO THE CONSTRUCTION OPERATIONS, AND REPAIR OR REPLACE ANY ELEMENTS DAMAGED DURING THE PROJECT.

- DIMENSIONS:**
- DO NOT SCALE THE DRAWINGS, DIMENSIONS SHALL GOVERN. LARGE SCALE DRAWINGS SHALL GOVERN OVER SMALL SCALE. WHERE A DISCREPANCY MAY EXIST BETWEEN DRAWINGS AND SPECIFICATIONS, THE MORE RESTRICTIVE OR EXPENSIVE REQUIREMENTS SHALL GOVERN.
 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE, AND SHALL NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE PROCEEDING WITH THE WORK.
 - ALL PARTITIONS ARE DIMENSIONED TO THE FACE, UNLESS NOTED OTHERWISE. WHERE SPECIFIC DIMENSIONS, DETAILS AND/OR DESIGN INTENT CANNOT BE DETERMINED, NOTIFY ARCHITECT IN WRITING BEFORE PROCEEDING WITH WORK IN QUESTION.
 - DOOR OPENINGS THAT ARE NOT DIMENSIONALLY LOCATED ARE TO BE CENTERED BETWEEN WALLS OR POSITIONED WITH ONE JAMB CASING TRIM AGAINST AN ADJACENT WALL OR COLUMN AS SHOWN ON THE PLANS AND/OR DETAILS.

COORDINATION:

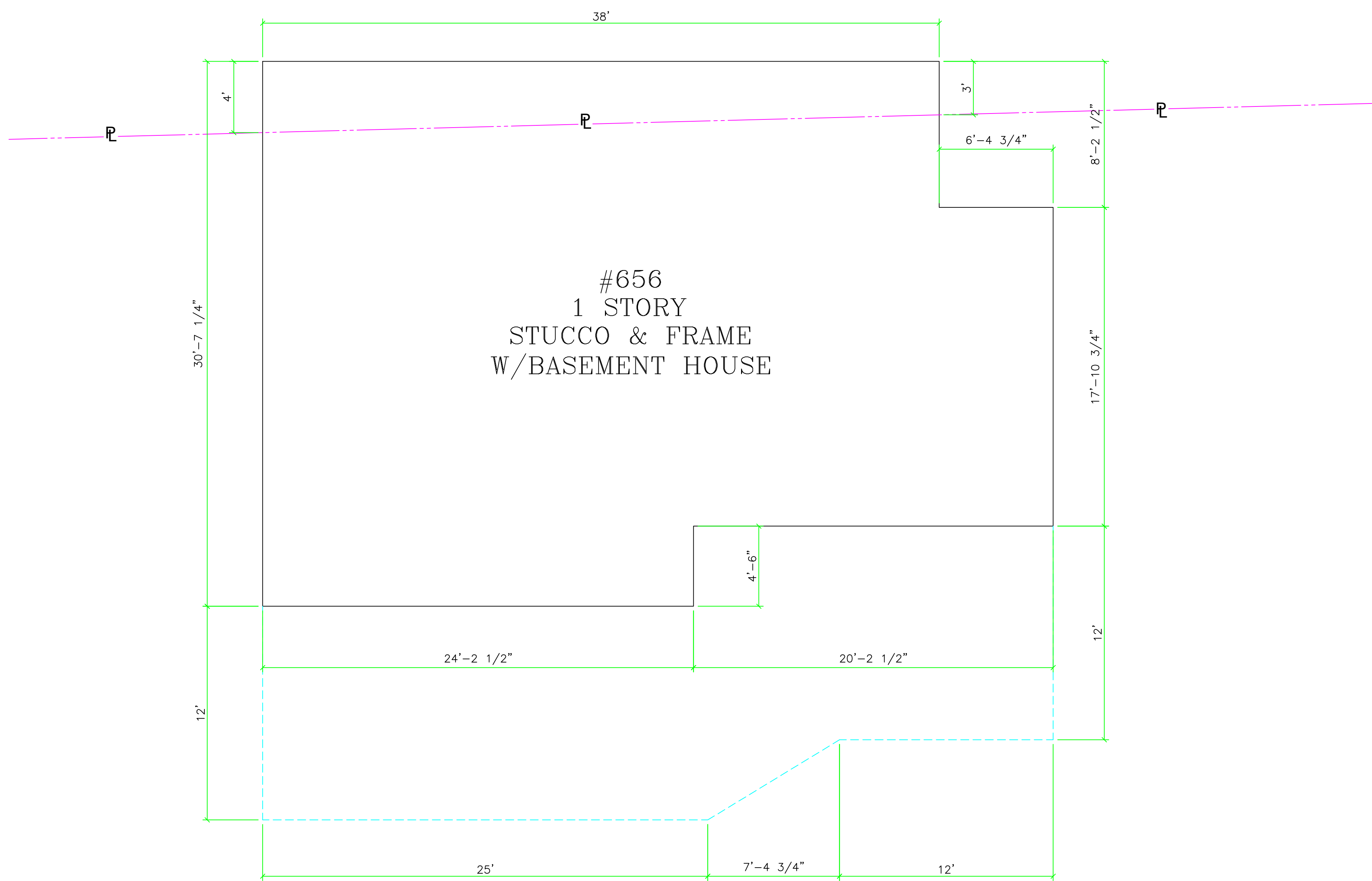
- REFER TO THE SPECIFICATIONS AND CIVIL, ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR FULL COORDINATION OF THE WORK.
- THE CONTRACTOR SHALL COORDINATE ADDITIONAL SUPPORT OR CONCEALED BLOCKING REQUIRED FOR INSTALLATION OF HANDRAILS, MILLWORK, WALL PANELS, GRAB BARS, CABINETS AND ALL OTHER SURFACE MOUNTED COMPONENTS.
- THE CONTRACTOR SHALL COORDINATE AND VERIFY THE EXACT SIZE AND LOCATION OF ALL FLOOR PENETRATIONS AND WALL OPENINGS WITH EACH OF THE RESPECTIVE MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION TRADES. CONTRACTOR SHALL PROVIDE CONCRETE SLAB PENETRATION SHOP DRAWINGS SHOWING THE LOCATION OF ALL OPENINGS.
- THE CONTRACTOR SHALL COORDINATE LAYOUT OF CEILING MOUNTED FIXTURES, DEVICES, AND DUCTWORK, AND SHALL IDENTIFY POTENTIAL CONFLICTS INVOLVING ELEMENTS WITHIN THE CEILING CAVITY. ANY VARIATIONS OR CONFLICTS WITH LAYOUT OR CEILING HEIGHT SHOWN SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.
- ALL CONDUIT, PIPING, DUCTWORK, AND MECHANICAL SYSTEMS SHALL BE INSTALLED WITHIN OR TIGHT TO THE UNDERSIDE OF STRUCTURE WHERE FEASIBLE, UNLESS NOTED OTHERWISE.
- REFER TO MEPP DRAWINGS FOR EXTENT OF CONCRETE EQUIPMENT PADS. THE CONTRACTOR SHALL COORDINATE THE SIZE AND LOCATION OF THE CONCRETE PADS WITH THE EQUIPMENT INSTALLER.

DESIGN CRITERIA

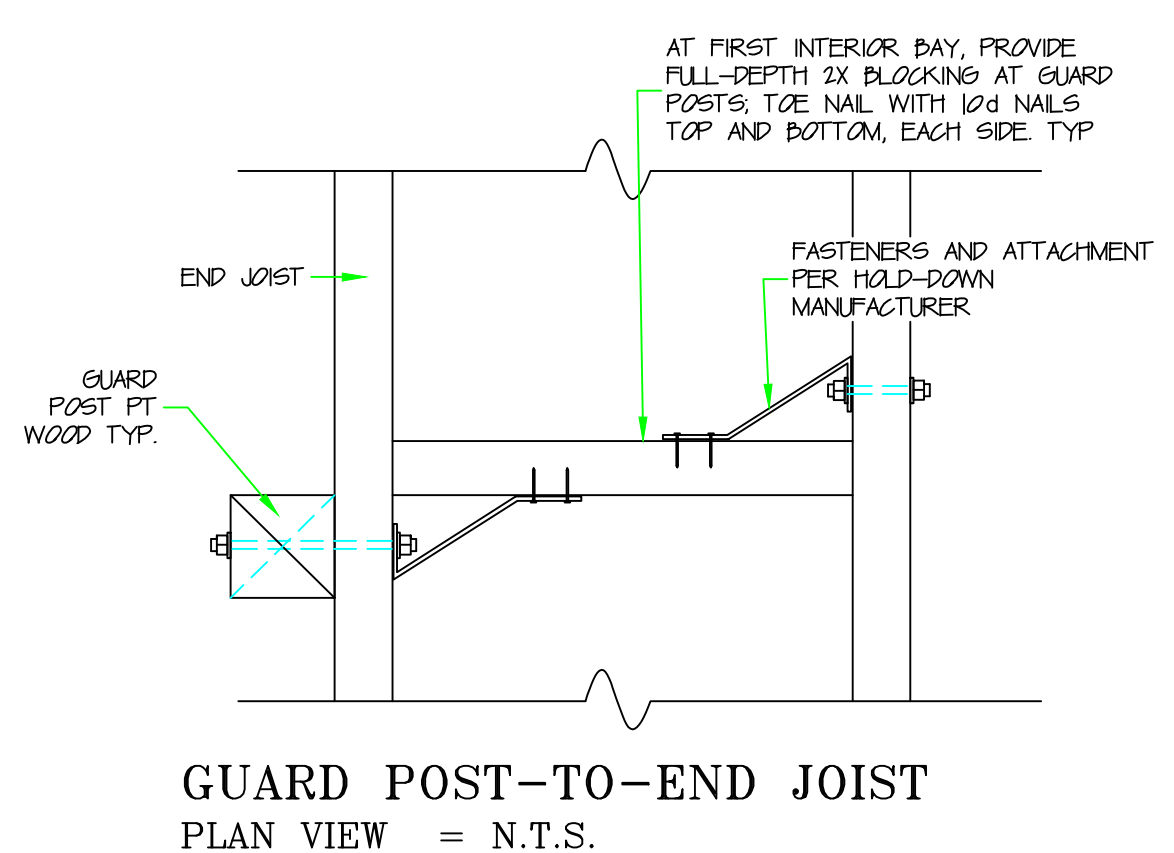
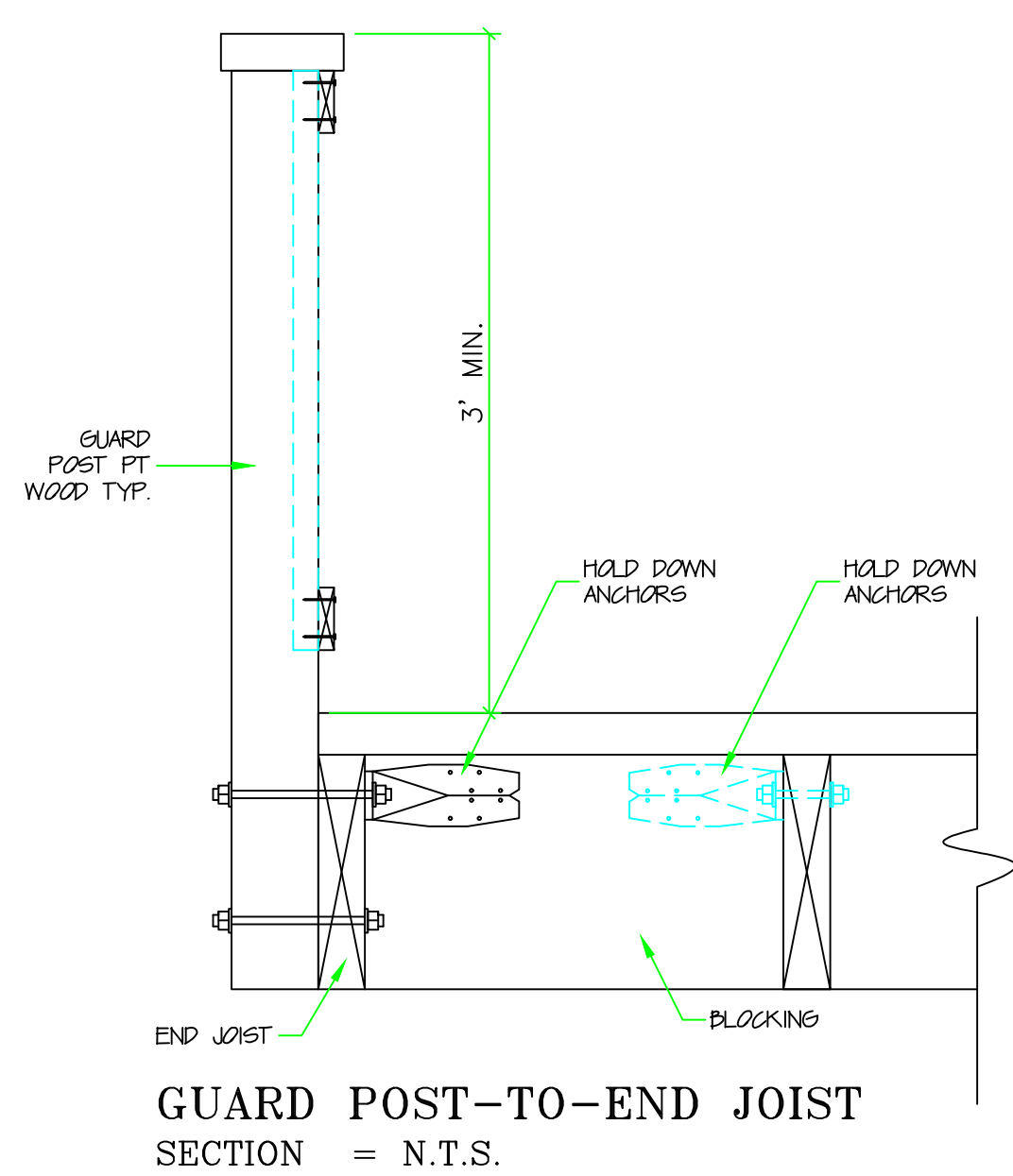
- FLOOR LIVE LOAD = 40 POUNDS PER SQUARE FOOT (psf) except in sleeping rooms where the live load = 30 psf
- ROOF LIVE LOAD = 30 psf, with additional load for roof areas subjected to drifting.
- BASIC WIND SPEED = 115 mph, 3-second gusts, Seismic Design Category = B
- FROST/FOOTING DEPTH = 30 IN.
- SOIL BEARING CAPACITY = 1500 PSI
- SECTION 1608.2, GROUND SNOW LOADS. THE MINIMUM GROUND SNOW LOADS TO BE USED IN DETERMINING THE DESIGN SNOW LOADS FOR ROOF, INCLUDING SNOW DRIFT SHALL BE THIRTY-FIVE (35) POUNDS PER SF. (PSF).

Professional Certification. I Hereby certify that these document were Prepared or Approved by me, and that I am a duly license Professional Engineer under the Laws of the State of Maryland License No. 8541, Expiration Date: 05-18-2024

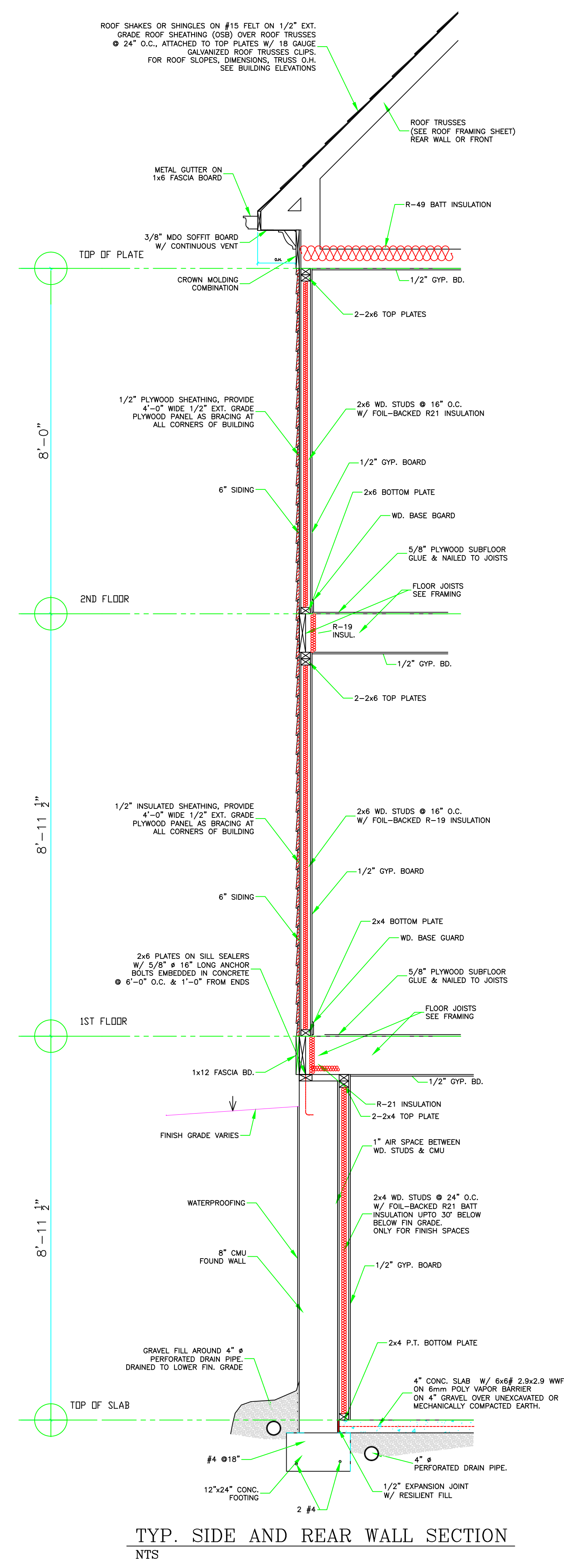




EXISTING FOOTPRINT PLAN
FIRST FLOOR PLAN
1/4"=1'-0"

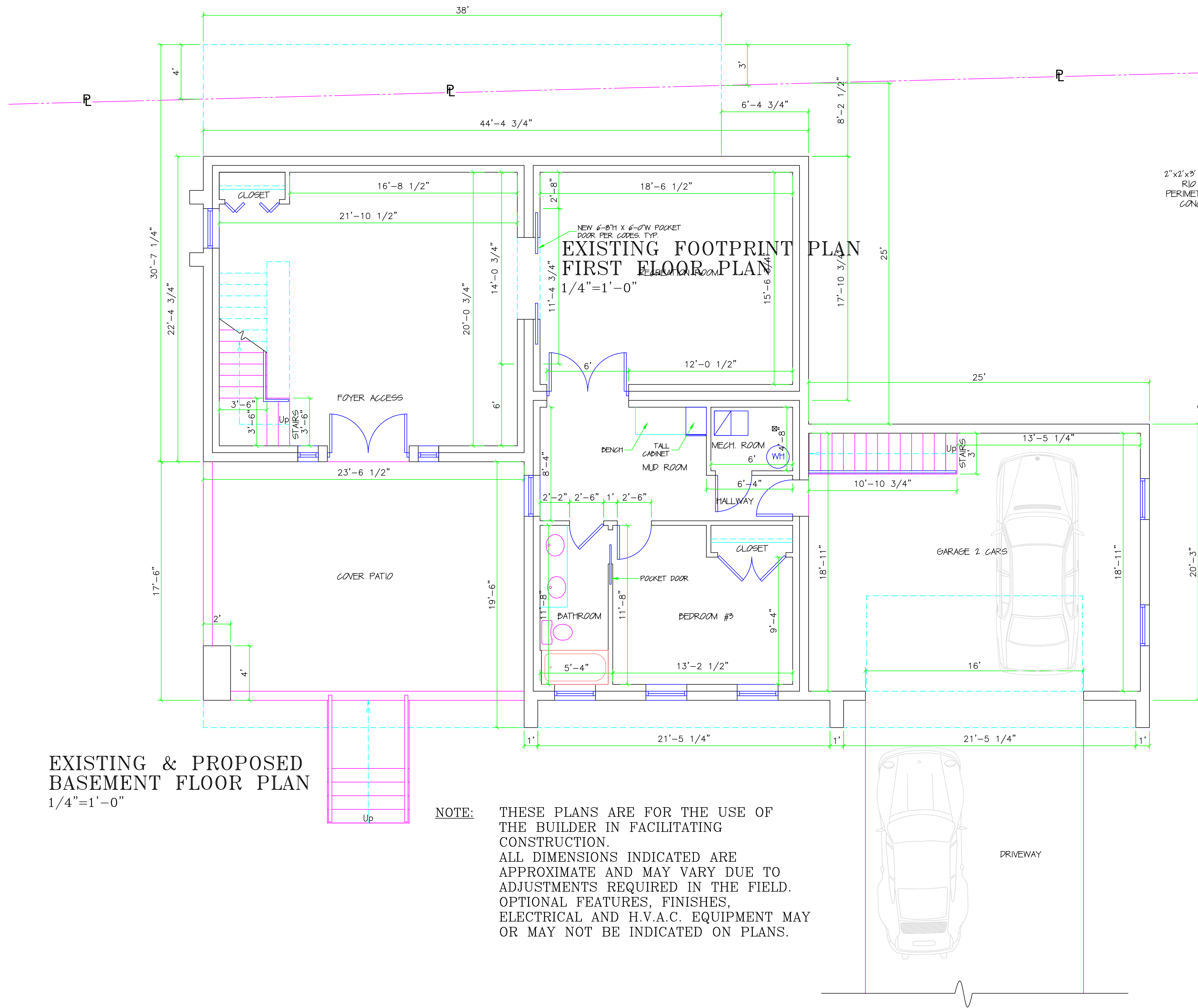


NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.



TYP. SIDE AND REAR WALL SECTION
NTS

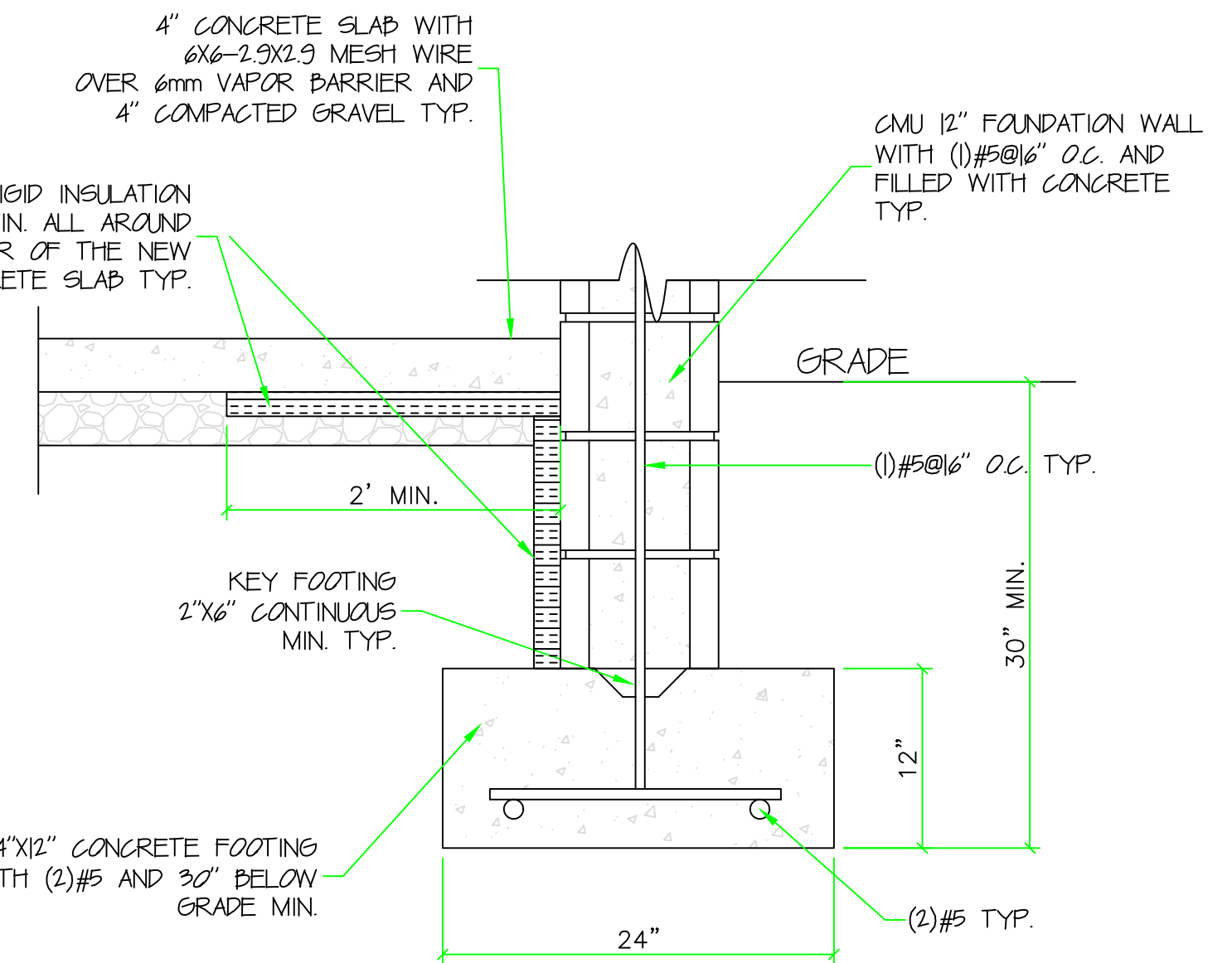
<p>DATE: JANUARY 3 2024</p>	<p>DRAWING BY: Jorge Valverde</p>
<p>OWNER: MR. JOSE</p>	<p>DESIGN BY: DAMAT SERVICES INC. JORGE VALVERDE 240.555.0223</p>
<p>656 SHORE RD. SEVERNA PARK MD. 21146 BUILDING ADDITION</p>	
<p>EXISTING HOUSE FOOTPRINT TYP.</p>	
<p style="font-size: 2em; font-weight: bold;">A001</p>	



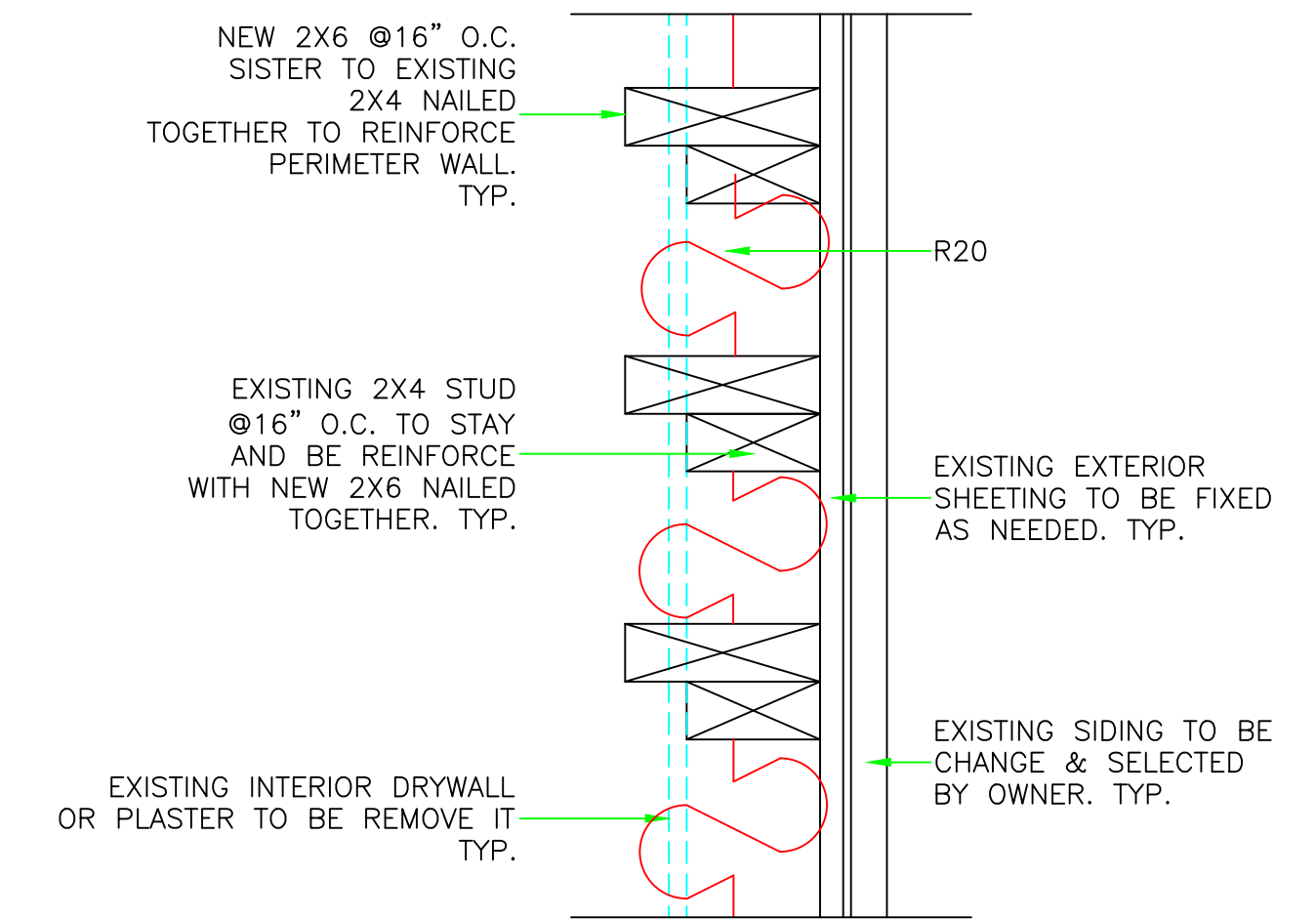
EXISTING & PROPOSED
BASEMENT FLOOR PLAN
1/4"=1'-0"

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



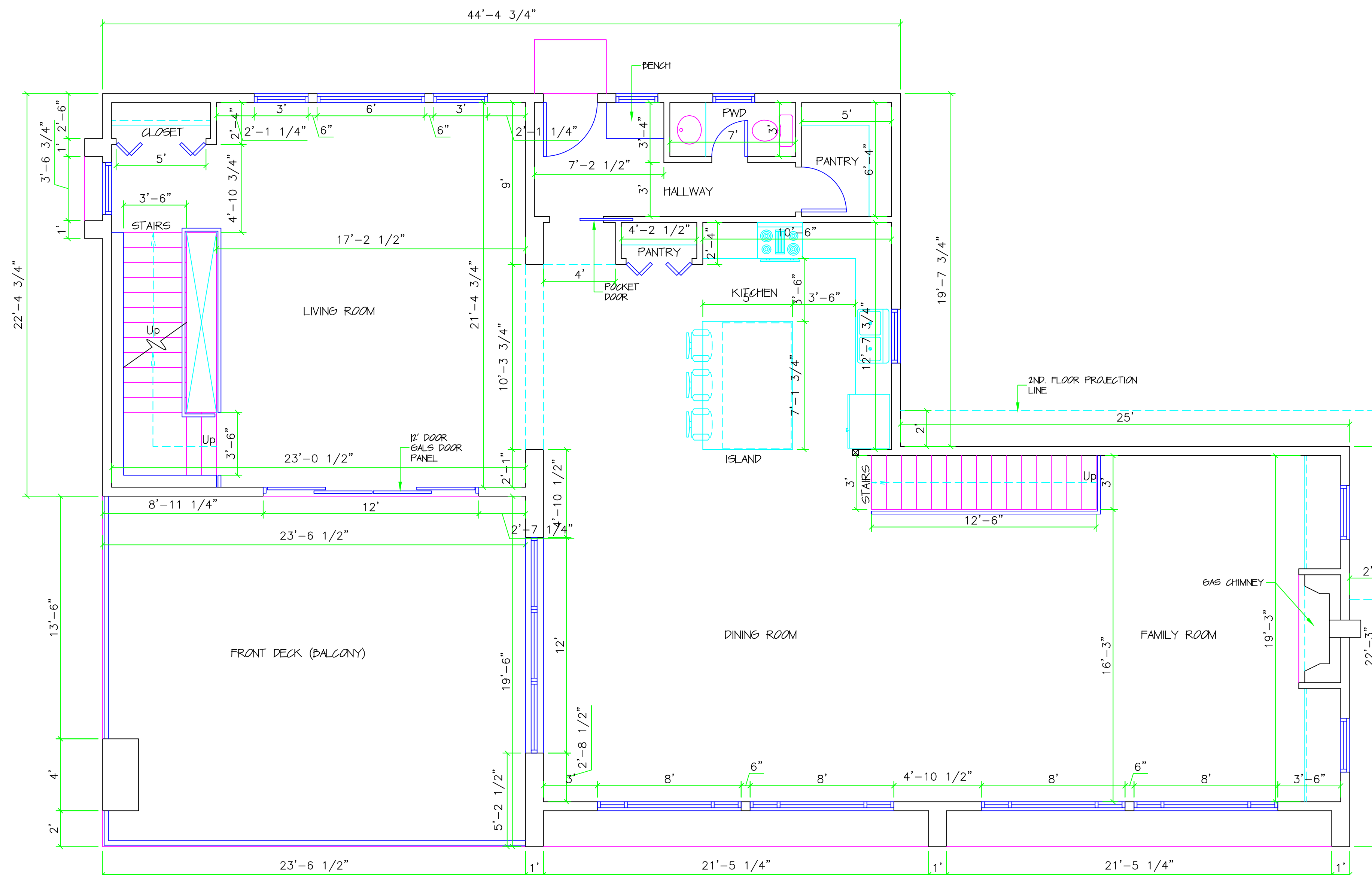
FOOTING & CMU CONNECTION DETAIL
AND INSULATION DETAIL
1/4"=1'-0"



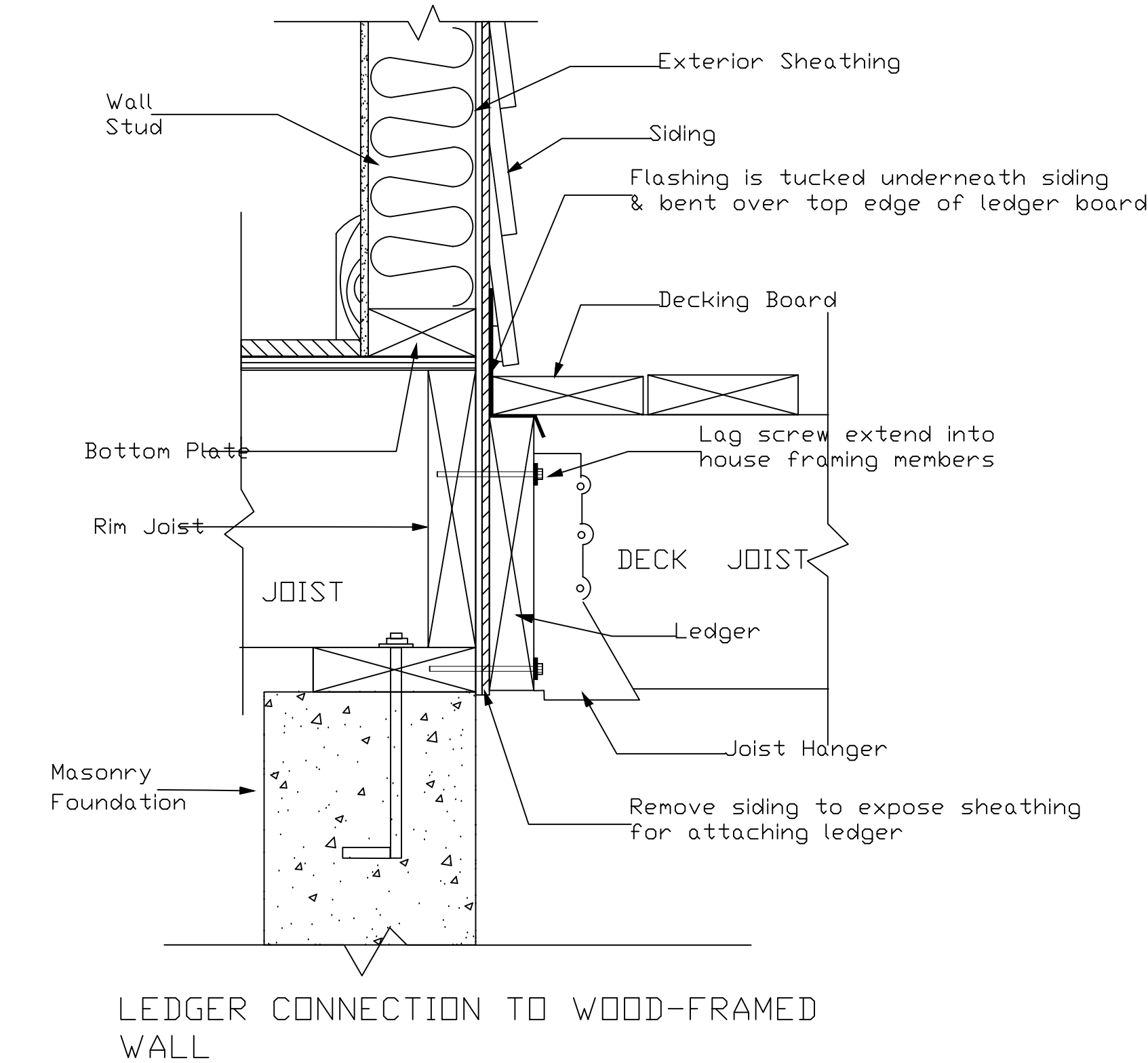
SISTERING FRAMING WALL
1ST. FLOOR ONLY (PERIMETER WALL ONLY)
N.T.S.

NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CWSPS "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

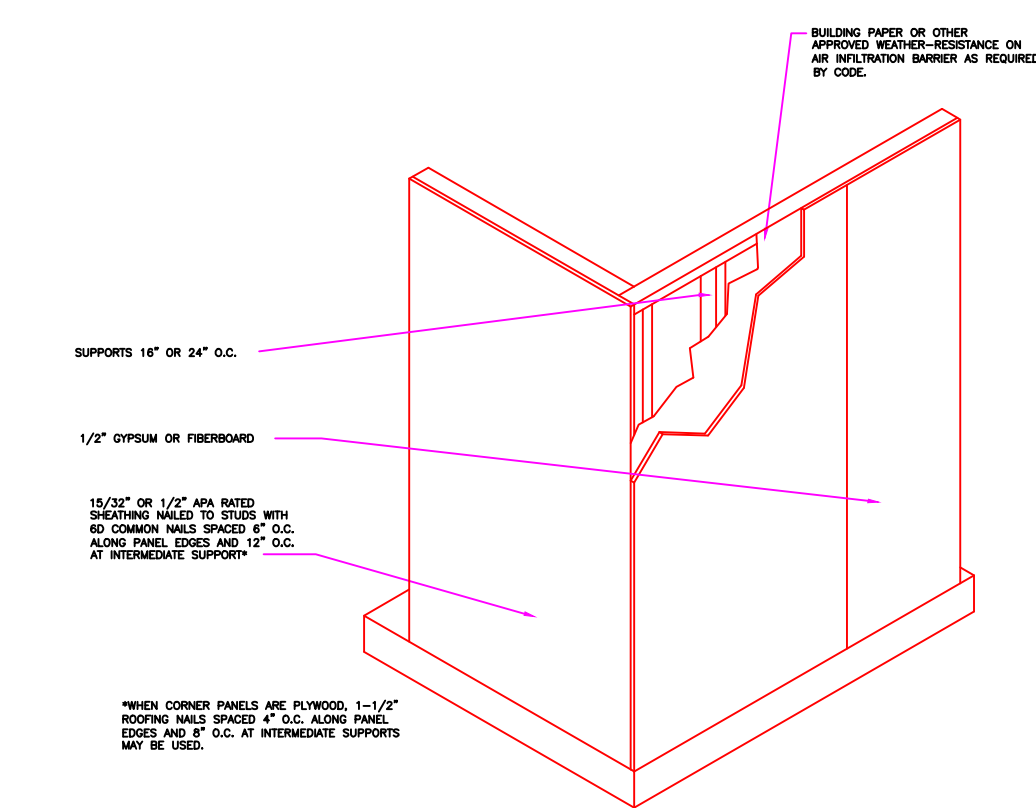
DATE: FEBRUARY 1, 2024		DAMAT Services Inc. Jorge Valverde
OWNER: MR. JOSE	BUILDER: OWNER	
DESIGN BY: DAMAT SERVICES INC. JORGE VALVERDE 240.555.0223		DAMAT Services Inc. Jorge Valverde
656 SHORE RD. SEVERNA PARK MD. 21146 BUILDING ADDITION		
EXISTING & PROPOSED BASEMENT FLOOR AREA CONSTRUCTION DETAILS		A002



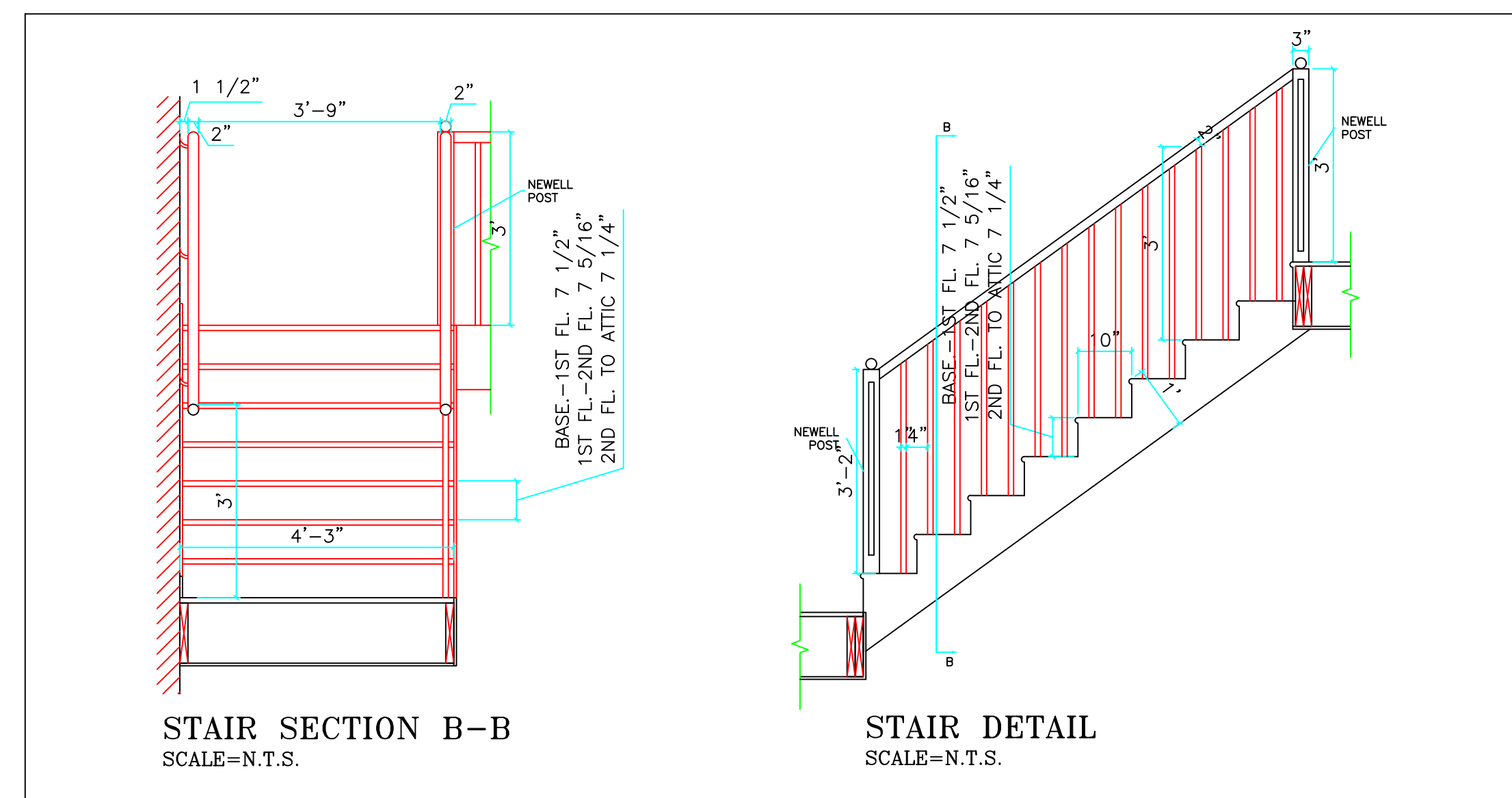
**EXISTING & PROPOSED
1ST. FLOOR PLAN**
1/4"=1'-0"



LEDGER CONNECTION TO WOOD-FRAMED WALL



CORNER DETAIL (BRACING)
Scale = N.T.S.

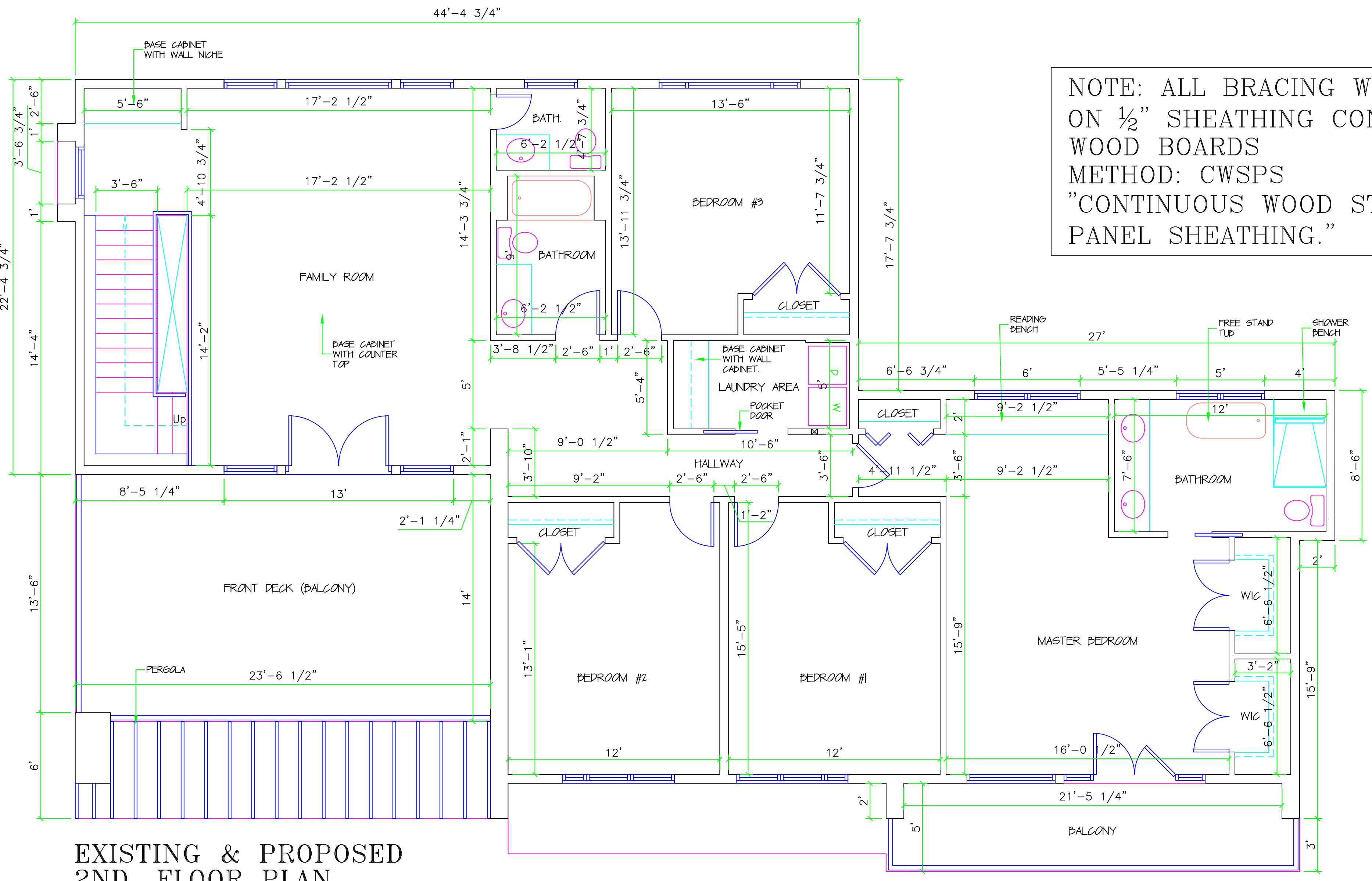


- DESIGN CRITERIA**
1. FLOOR LIVE LOAD = 40 POUNDS PER SQUARE FOOT (psf) except in sleeping rooms where the live load = 30 psf
 2. ROOF LIVE LOAD = 30 psf, with additional load for roof areas subjected to drifting.
 3. BASIC WIND SPEED = 115 mph, 3-second gusts, Seismic Design Category = B
 4. FROST/FOOTING DEPTH = 30 INC.
 5. SOIL BEARING CAPACITY ASSUMED 1500 PSF

NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CWSPS "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

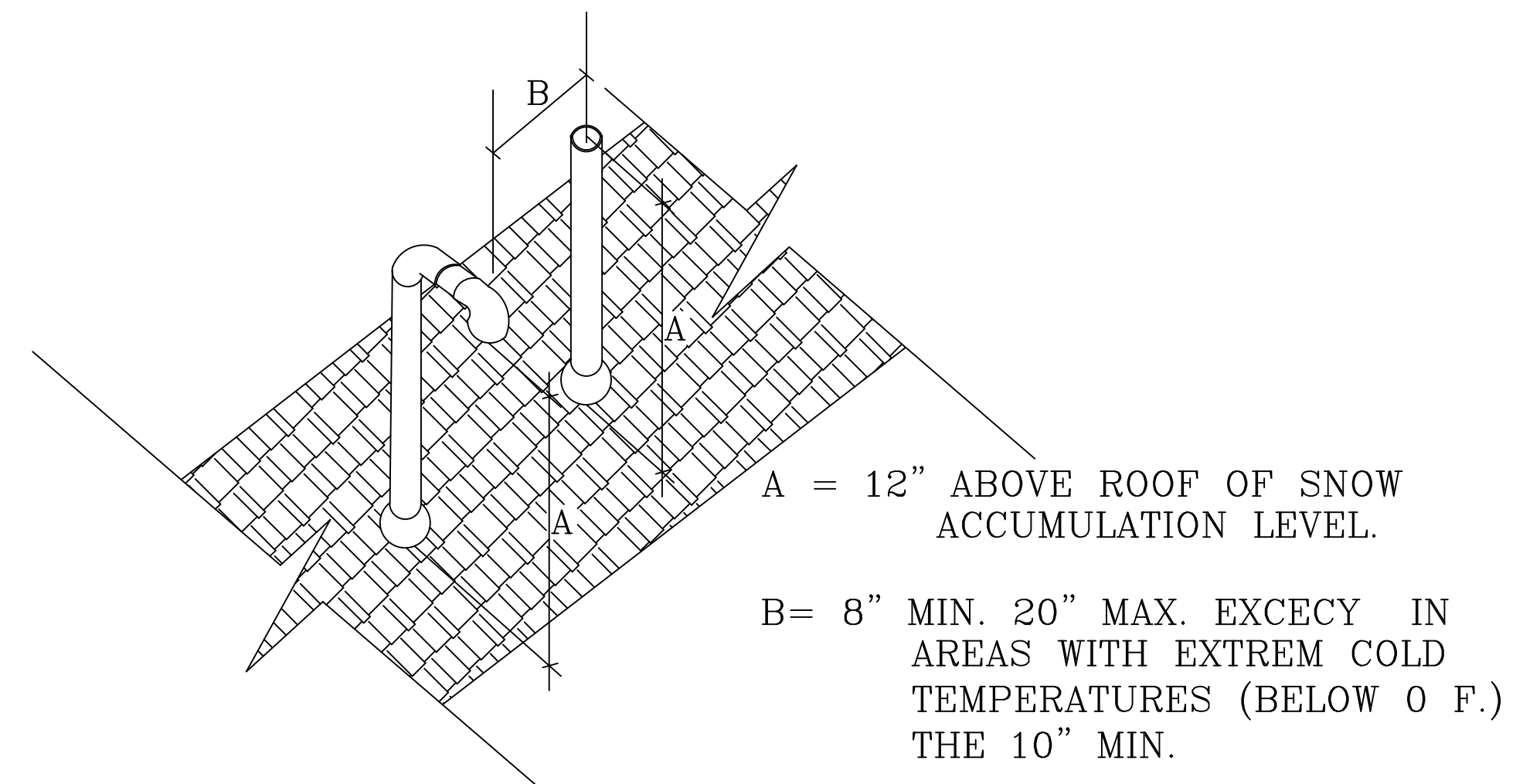
NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.

DATE: FEBRUARY 1, 2024	DAMAT Services Inc. Jorge Valverde
OWNER: MR. JOSE	DESIGN BY: DAMAT SERVICES INC. JORGE VALVERDE 240.555.0223
656 SHORE RD. SEVERNA PARK MD. 21146 BUILDING ADDITION	
EXISTING & PROPOSED 1ST. FLOOR PLAN CONSTRUCTION DETAILS	
A003	



NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CWSPS "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.



EXISTING & PROPOSED 2ND. FLOOR PLAN
1/4"=1'-0"

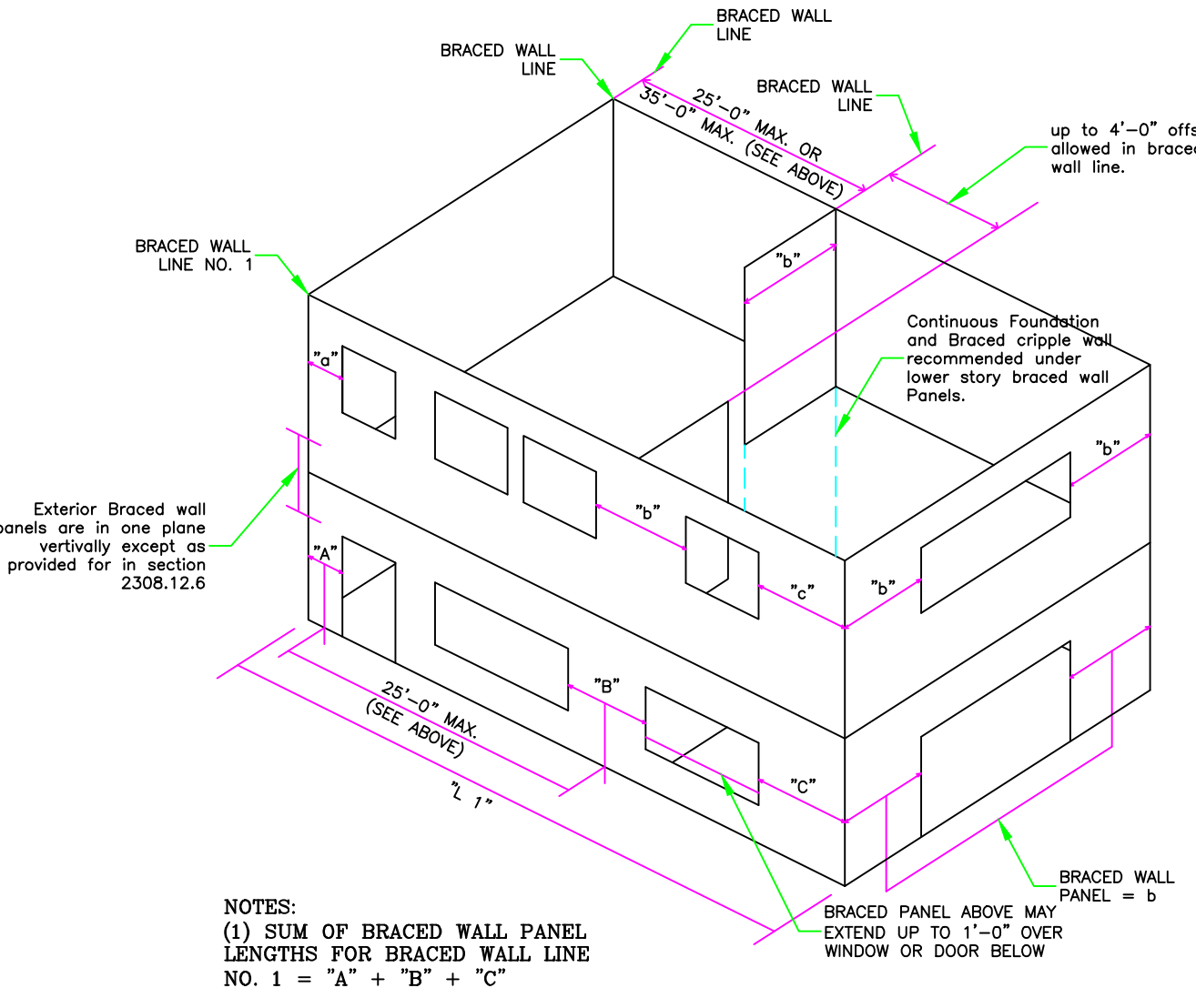
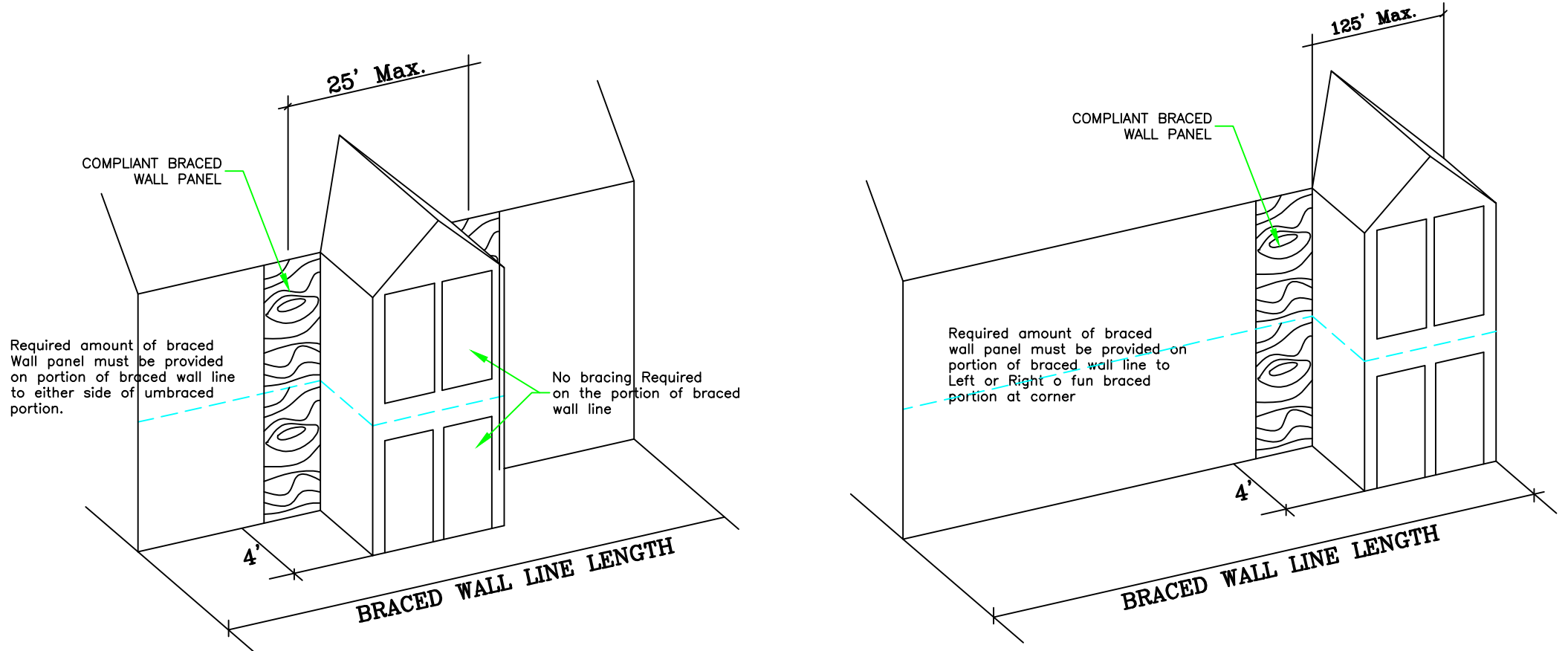


FIGURE 2308.9.3
BASIC COMPONENTS OF THE LATERAL BRACING SYSTEM

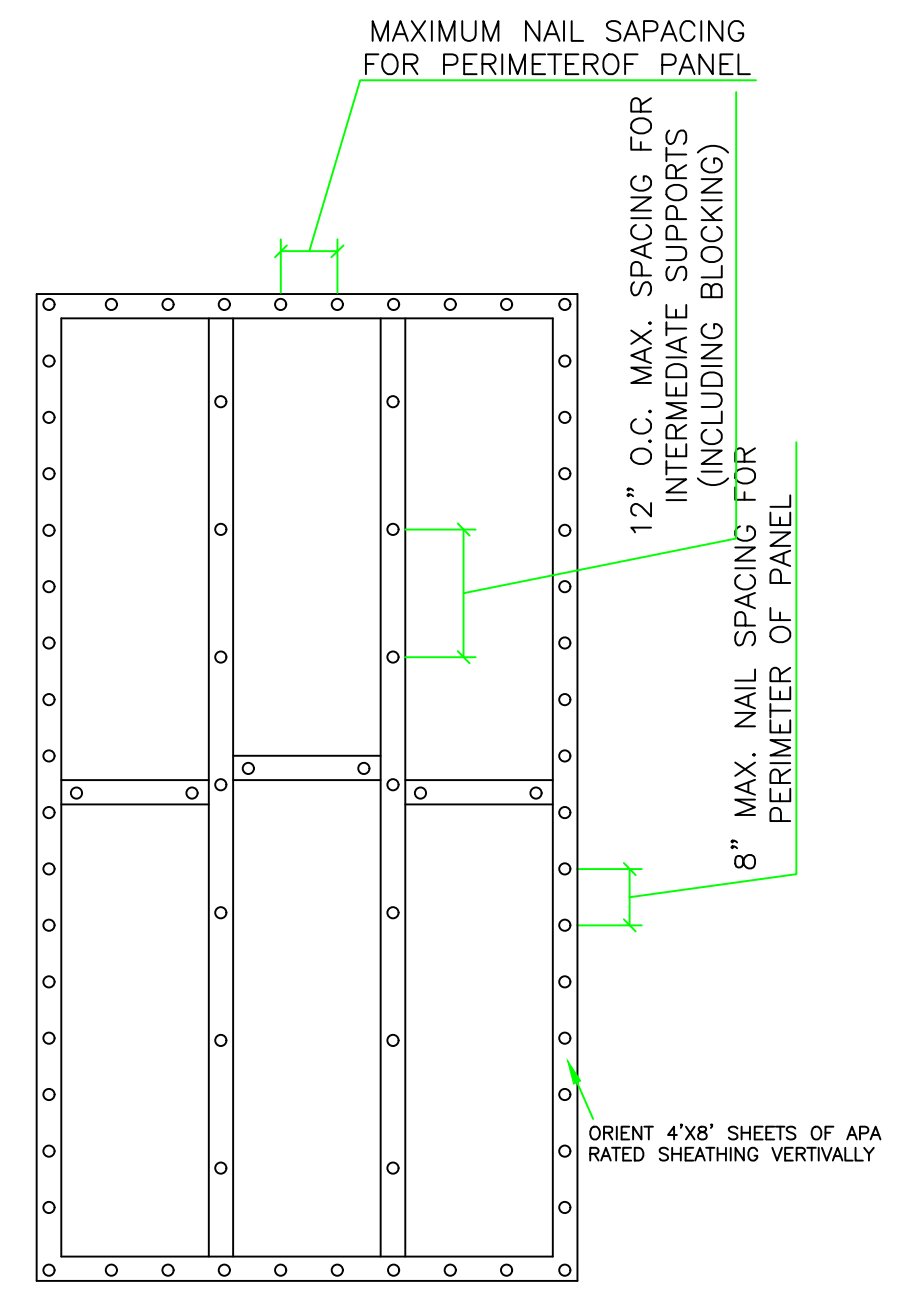


OFFSETS IN BRACED WALL LINES
SCALE = N.T.S.

NOTE: DETAIL ASSUMES THE USE OF 6d COMMON NAILS MINIMUM (0.113" DIA. X 2" LONG) IF PNEUMATIC NAILING IS USED, UPZIDE NAIL TO 8d COMMONS. IF HAND DRIVEN SINKER NAILS ARE USED, UPZIDE TO 8d COMMONS.

WALL HEIGHT "h"	HEIGHT OF OPENNING NEXT TO BW PANEL "h1"	MIN LENGTH OF BW PANEL "BWP"
8'	LESS THAN 5' - 2 1/2"	24"
	LESS THAN OR EQUAL TO 6' - 10"	32"
	GREATER THAN 6' - 10"	48"
9'	LESS THAN 5' - 10"	27"
	LESS THAN OR EQUAL TO 7' - 8"	36"
10'	GREATER THAN 7' - 8"	54"
	LESS THAN 6' - 6"	30"
	LESS THAN OR EQUAL 8' - 6"	40"
	GREATER THAN 8' - 6"	60"

NOTE: ABOVE TABLE ASSUMES FULLY SHEATHED CONSTRUCTION (CONTINUOUS STRUCTURAL PANEL SHEATHING) IN ACCORDANCE WITH THE IRC 2003 CODE, SECTION R602.10.5



REQUIRED NAILING PATTERN FOR TYPICAL BRACED WALL PANEL
Scale = N.T.S.

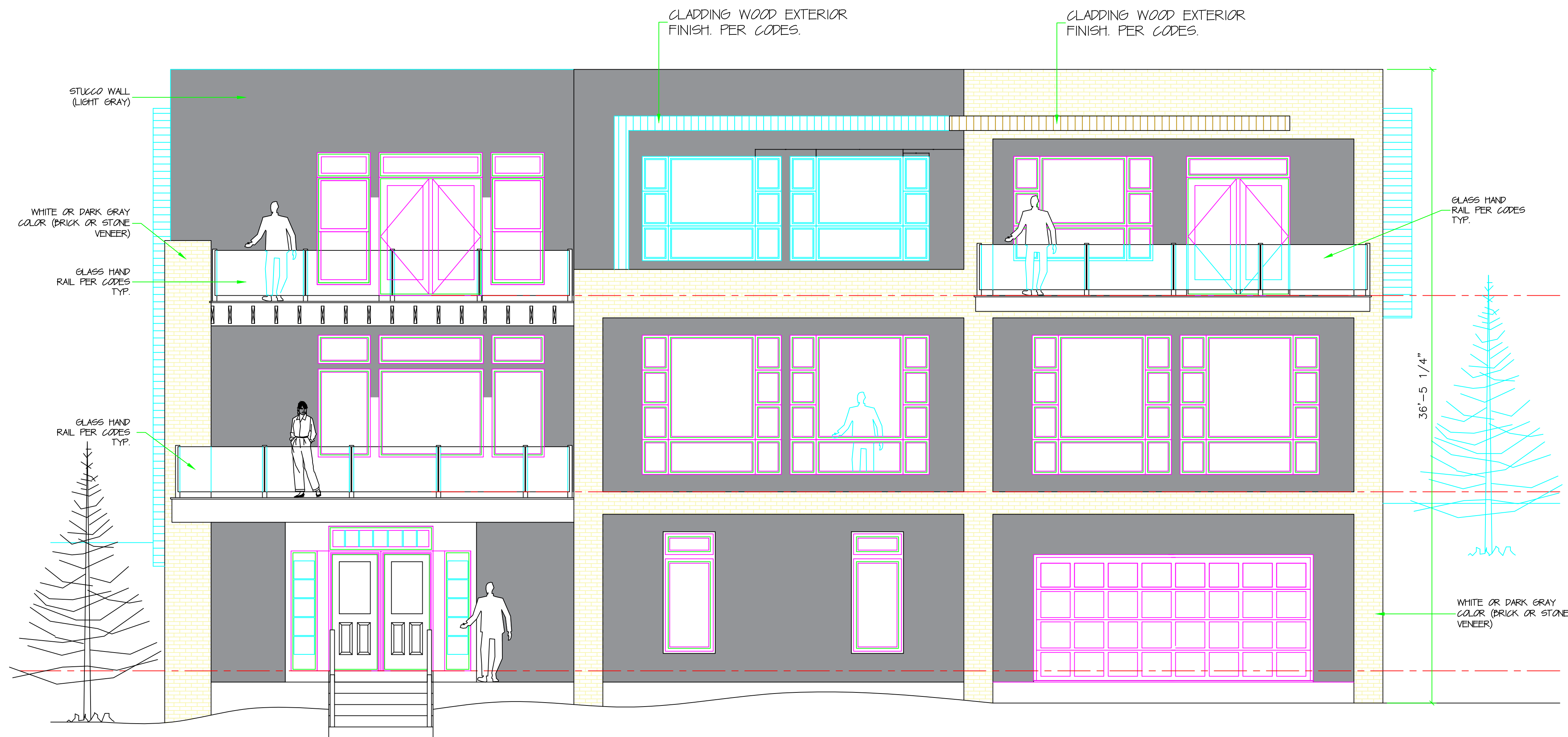
DATE: FEBRUARY 1, 2024
DRAWING BY: DAMAT Services Inc. Jorge Valverde

OWNER: MR. JOSE
BUILDER: OWNER
DESIGN BY: DAMAT SERVICES INC. JORGE VALVERDE
240.555.0223

656 SHORE RD.
SEVERNA PARK MD.
21146
BUILDING ADDITION

EXISTING & PROPOSED 2ND. FLOOR PLAN CONSTRUCTION DETAILS

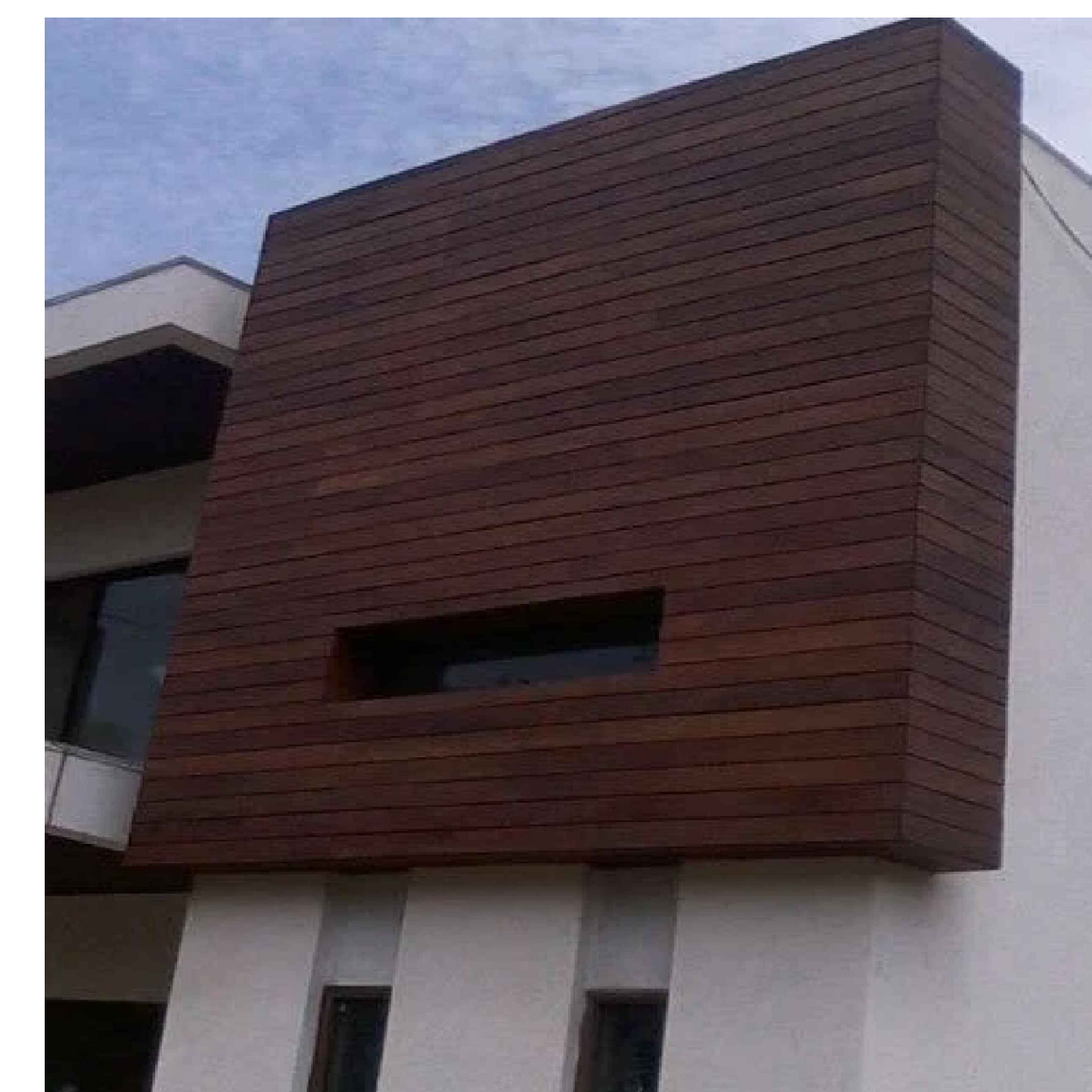
A004



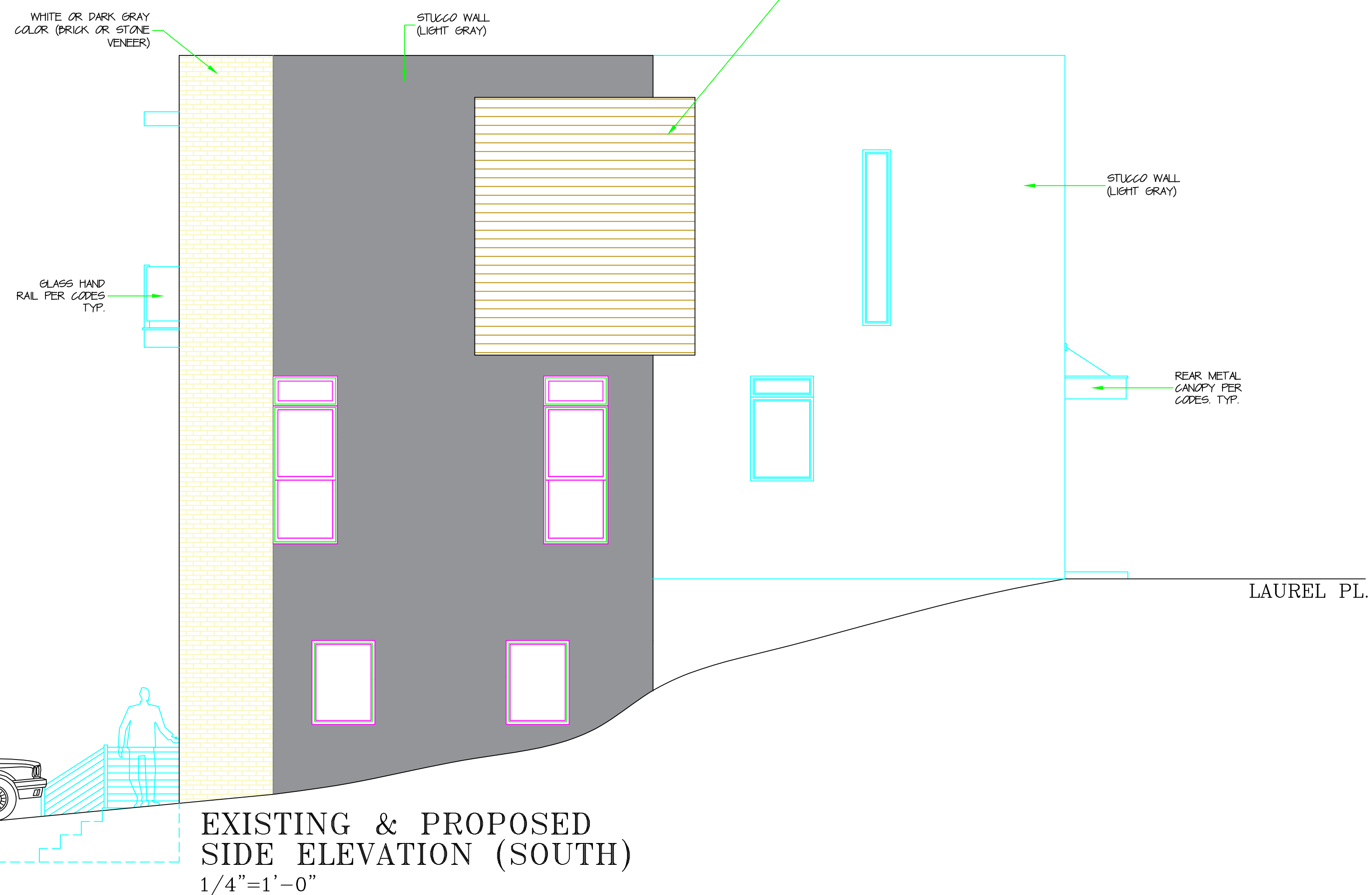
EXISTING & PROPOSED
FRONT ELEVATION
1/4"=1'-0"

NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CWSPS "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.



CLADDING WOOD EXTERIOR FINISH. PER CODES.



EXISTING & PROPOSED
SIDE ELEVATION (SOUTH)
1/4"=1'-0"

OWNER: MR. JOSE
BUILDER: OWNER
DESIGN BY: DAMAT SERVICES INC.
JORGE VALVERDE
240.555.0223

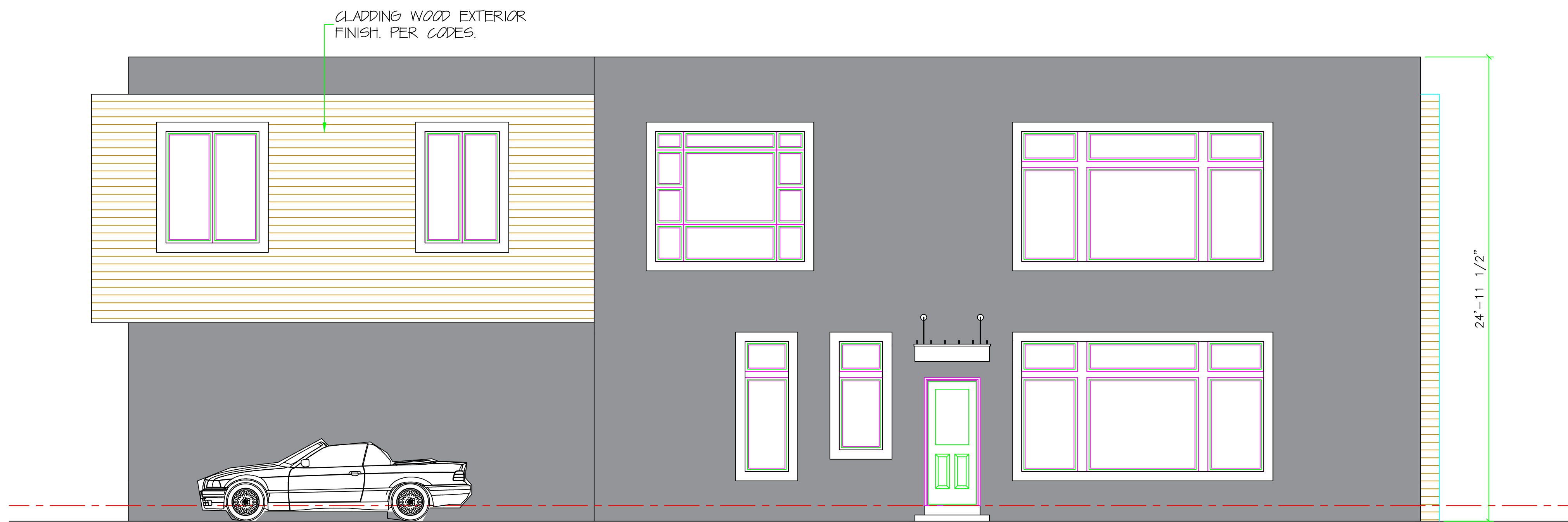
DATE: JANUARY 3 2024

DAMAT Services Inc.
Jorge Valverde

656 SHORE RD.
SEVERNA PARK MD.
21146
BUILDING ADDITION

PROPOSED NEW
ELEVATIONS

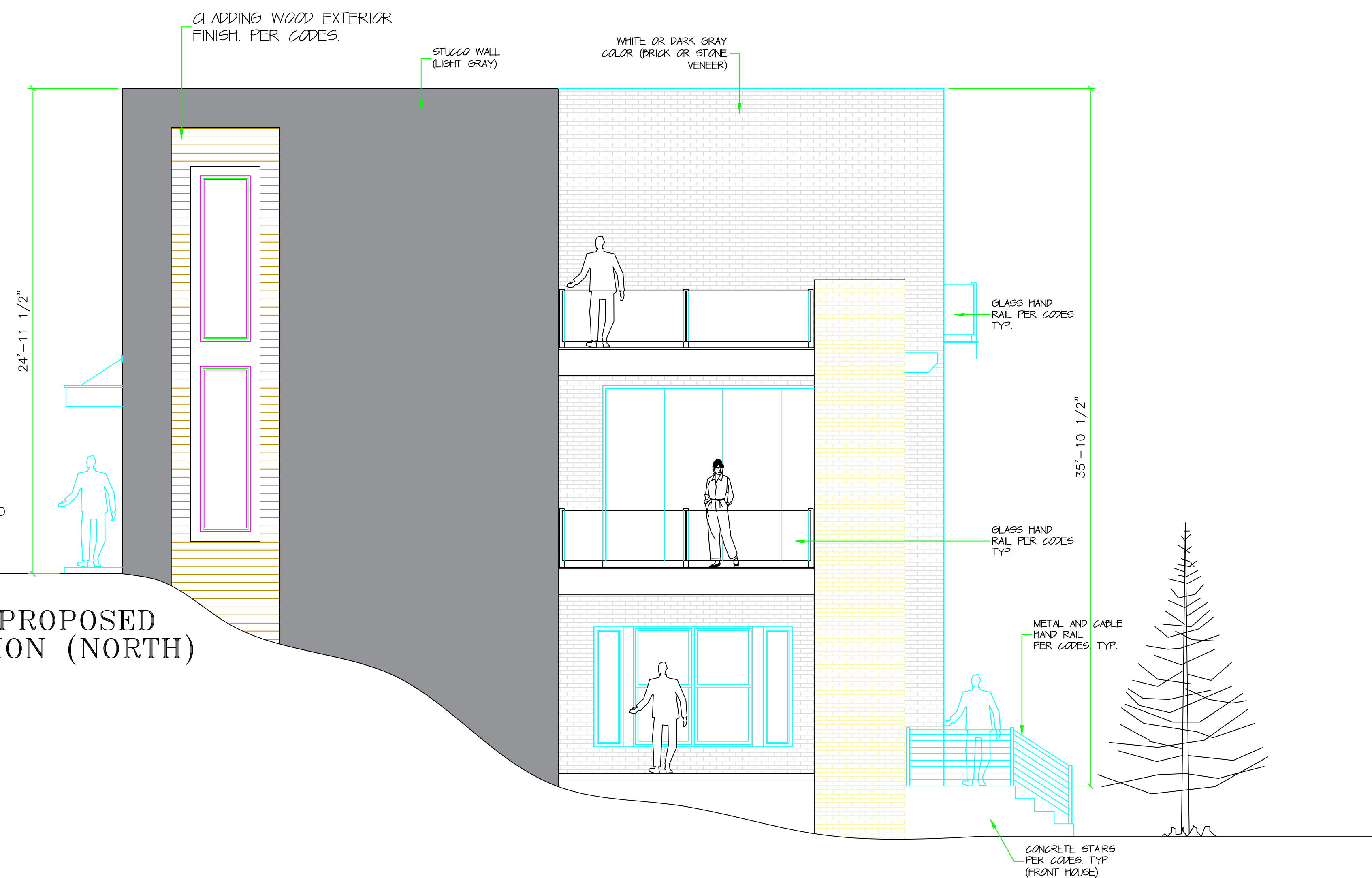
A005



LAUREL PL.
**EXISTING & PROPOSED
 REAR ELEVATION (WEST)**
 1/4"=1'-0"

NOTE: ALL BRACING WALLS
 ON 1/2" SHEATHING CONTINUOUS
 WOOD BOARDS
 METHOD: CWSPTS
 "CONTINUOUS WOOD STRUCTURAL
 PANEL SHEATHING."

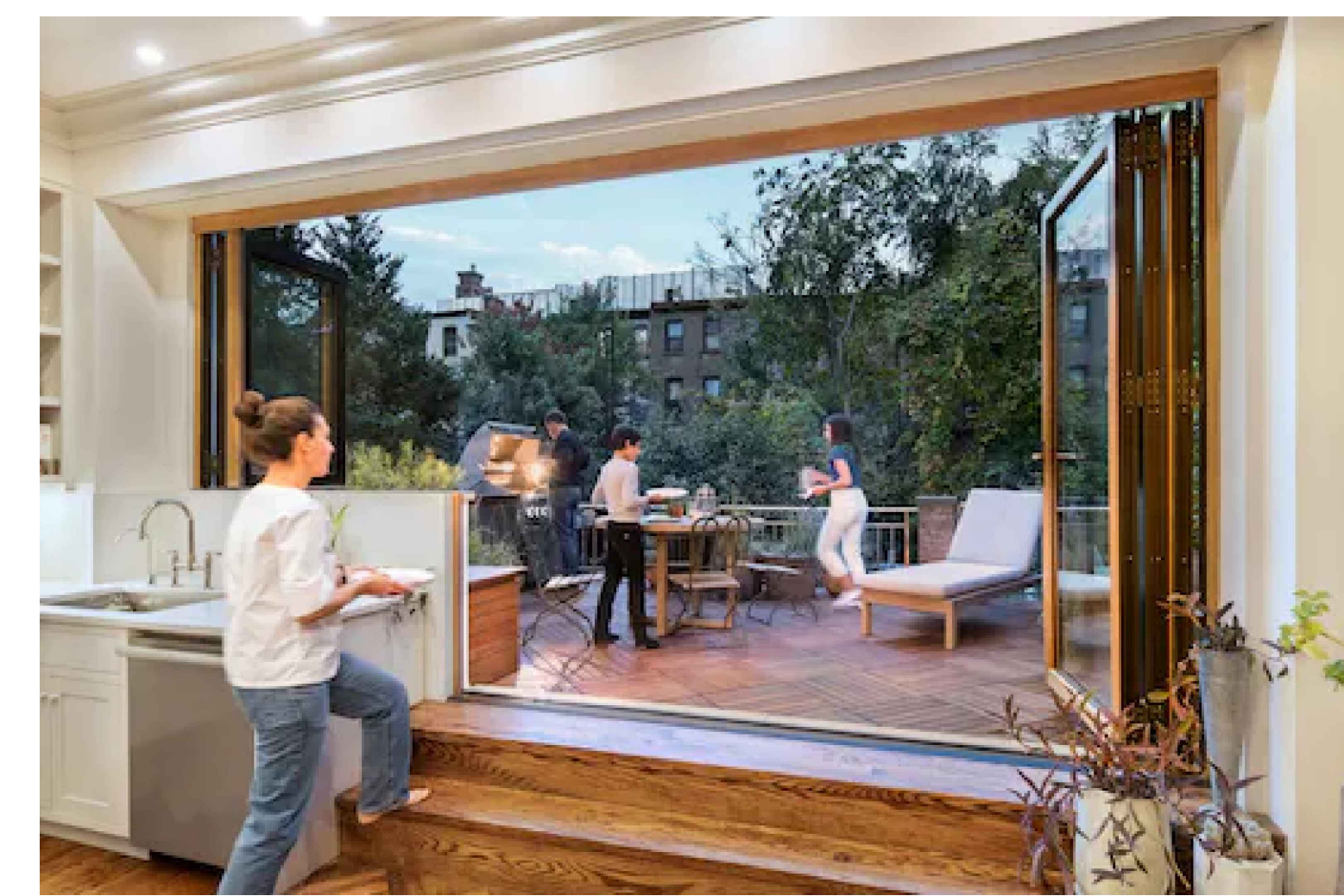
NOTE: THESE PLANS ARE FOR THE USE OF
 THE BUILDER IN FACILITATING
 CONSTRUCTION.
 ALL DIMENSIONS INDICATED ARE
 APPROXIMATE AND MAY VARY DUE TO
 ADJUSTMENTS REQUIRED IN THE FIELD.
 OPTIONAL FEATURES, FINISHES,
 ELECTRICAL AND H.V.A.C. EQUIPMENT MAY
 OR MAY NOT BE INDICATED ON PLANS.



LAUREL PL.
**EXISTING & PROPOSED
 SIDE ELEVATION (NORTH)**
 1/4"=1'-0"



**ELEVATION EXAMPLE
 STUCCO WITH CLADDING WOOD FINISH**



NANA WALL EXAMPLE



SHORE RD.

OWNER:
 MR. JOSE
 BUILDER:
 OWNER
 DESIGN BY:
 DAMAT SERVICES INC.
 JORGE VALVERDE
 240.555.0223

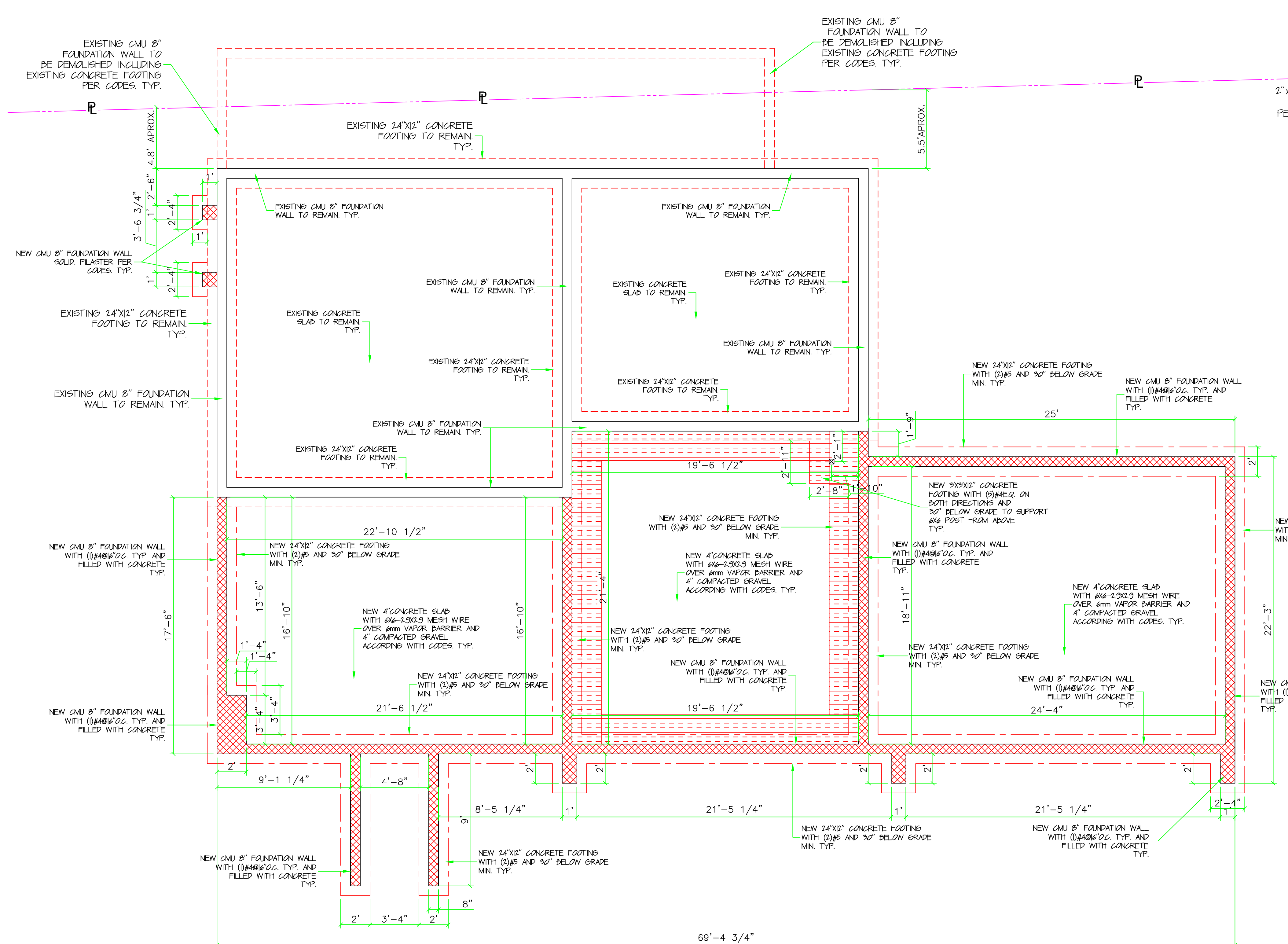
DATE:
 JANUARY 3 2024

DRAWING BY:
 DAMAT Services Inc.
 Jorge Valverde

656 SHORE RD.
 SEVERNA PARK MD.
 21146
 BUILDING ADDITION

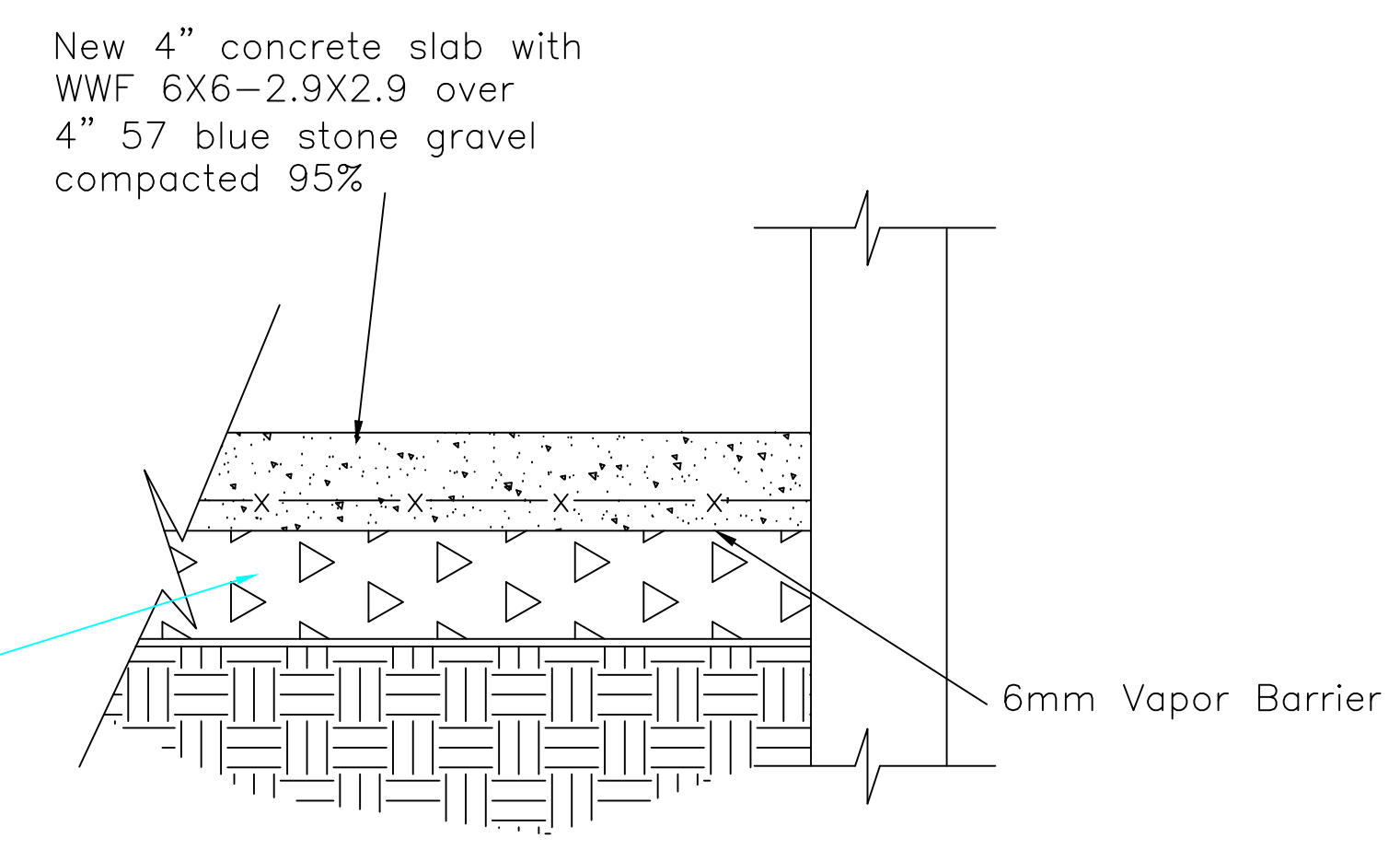
PROPOSED NEW
 ELEVATIONS

A006



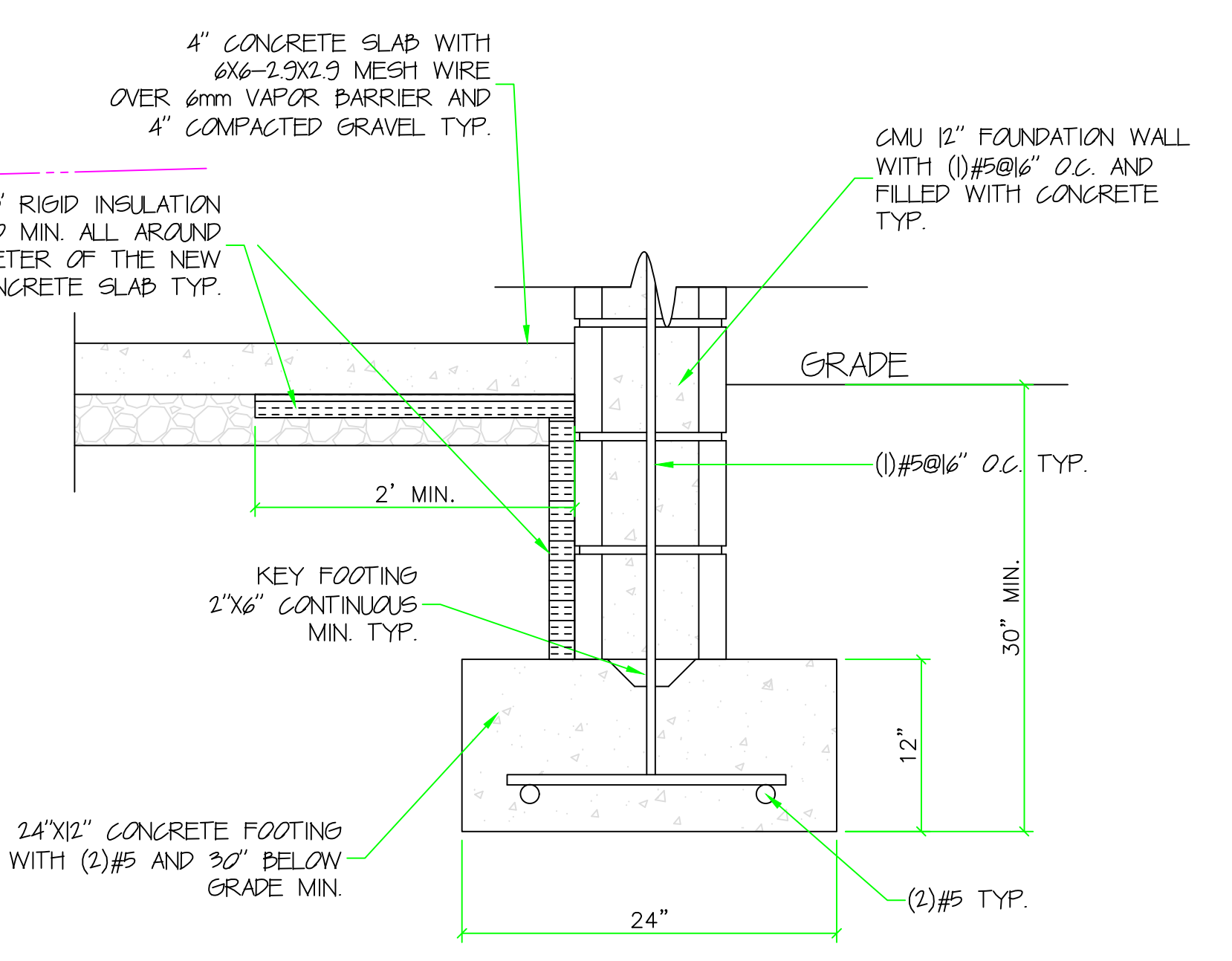
EXISTING & PROPOSED FOUNDATION FLOOR PLAN
1/4"=1'-0"

NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.

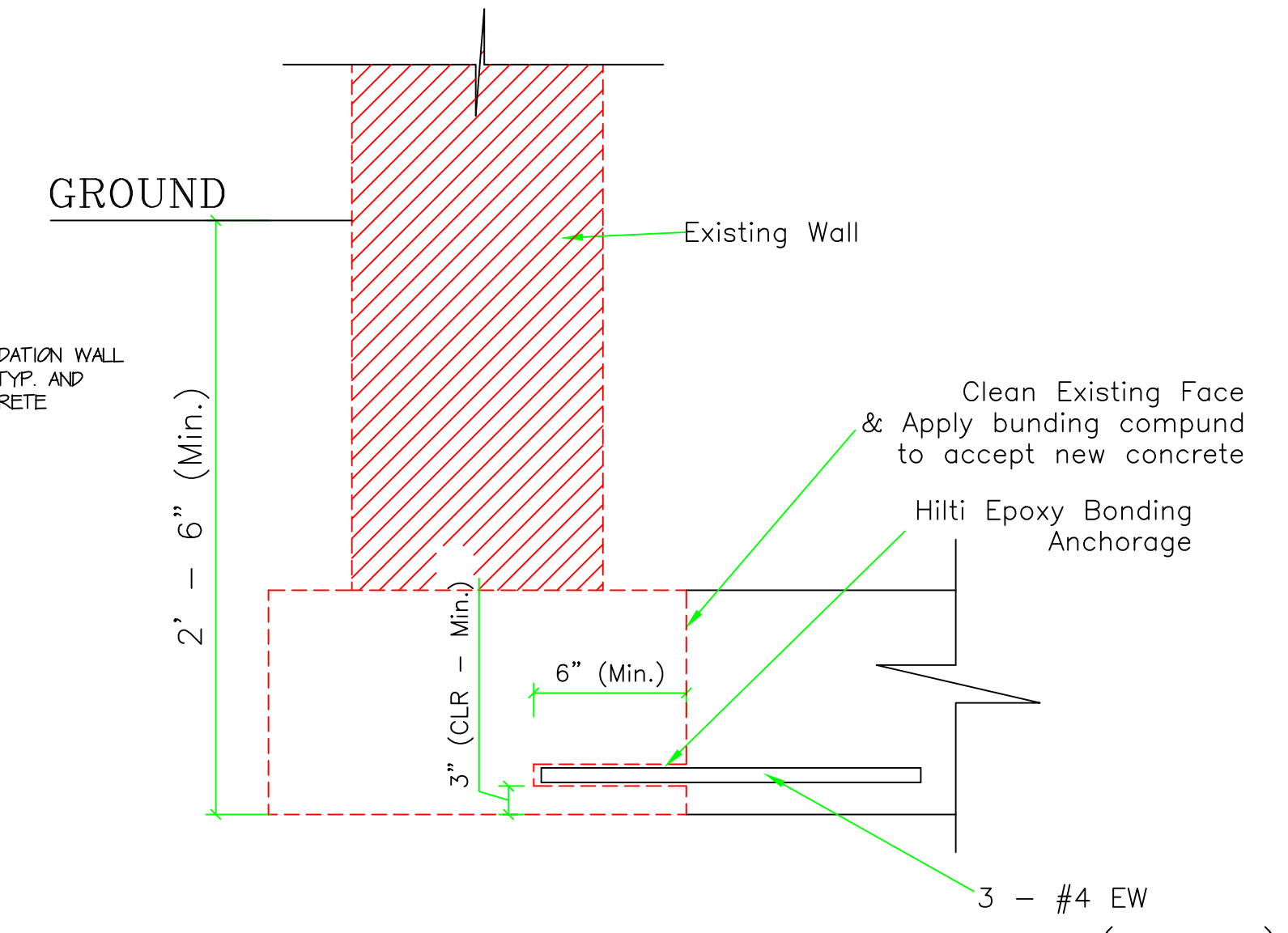


CONCRETE SECTION TYP.
Scale = N.T.S

NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CWSPS "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."



FOOTING & CMU CONNECTION DETAIL AND INSULATION DETAIL
1/4"=1'-0"



FOOTING ATTACH SECTION (TYP)
Scale = N.T.S

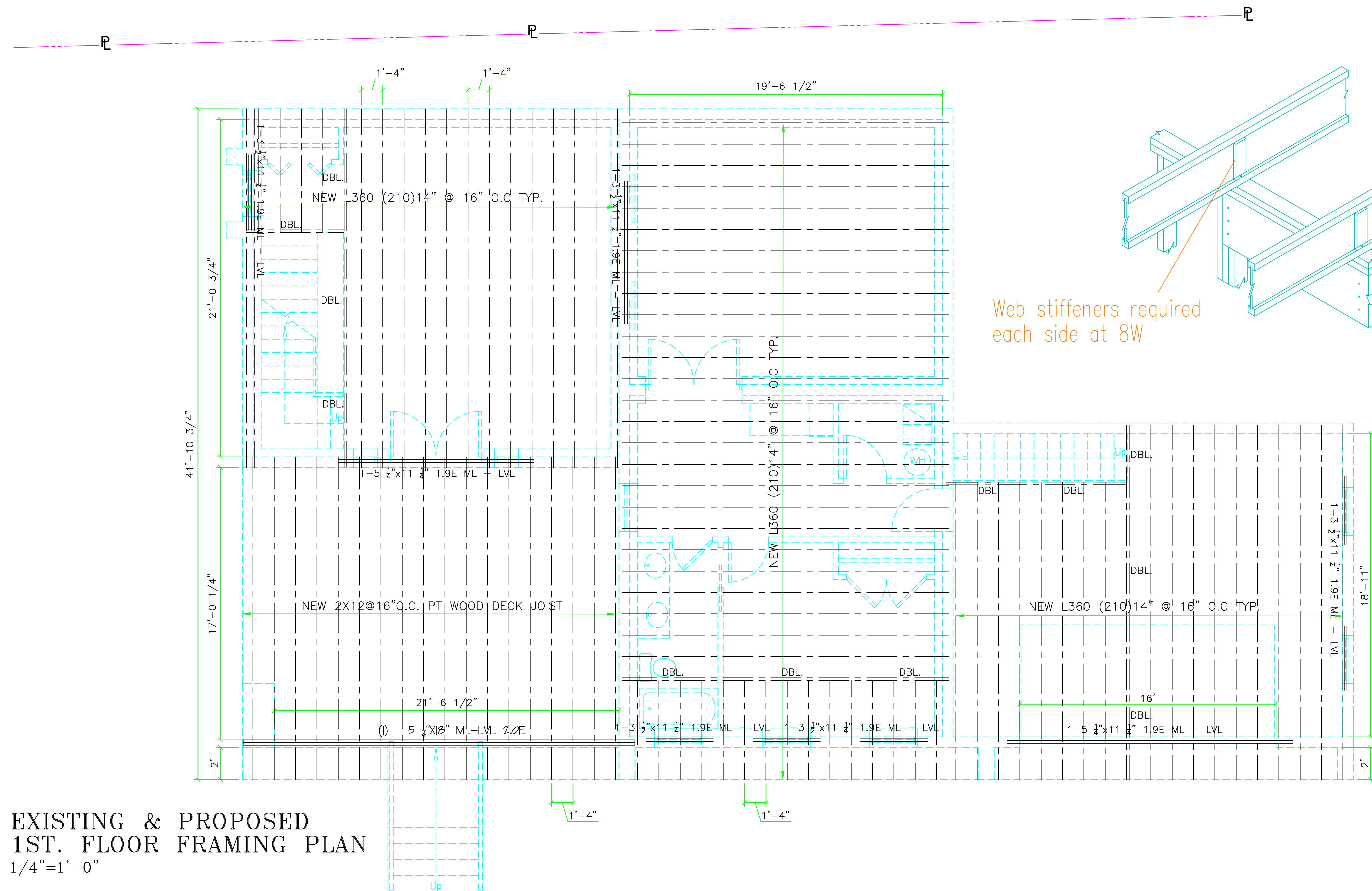
DATE: JANUARY 3 2024
DRAWING BY: DAMAT Services Inc. Jorge Valverde

OWNER: MR. JOSE
BUILDER: OWNER
DESIGN BY: DAMAT SERVICES INC. JORGE VALVERDE 240.555.0223

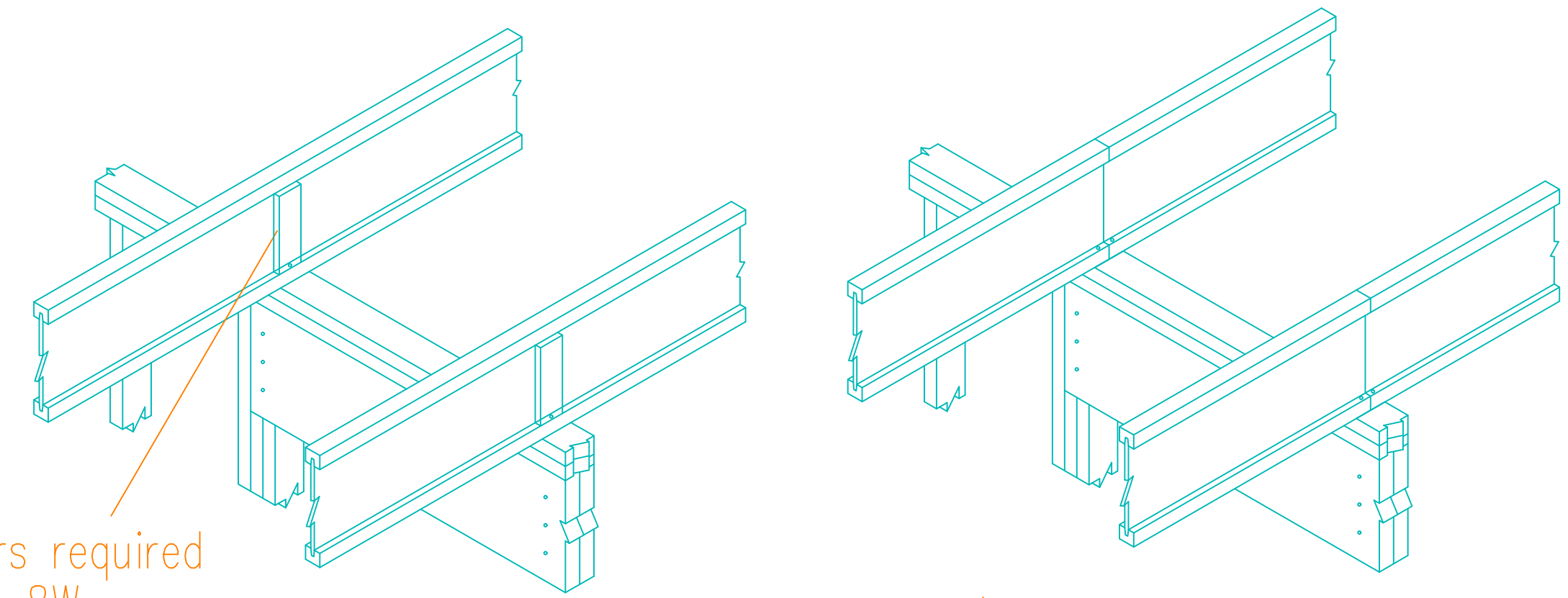
656 SHORE RD.
SEVERNA PARK MD.
21146
BUILDING ADDITION

EXISTING & PROPOSED FOUNDATION FLOOR PLAN CONSTRUCTION DETAILS

A007

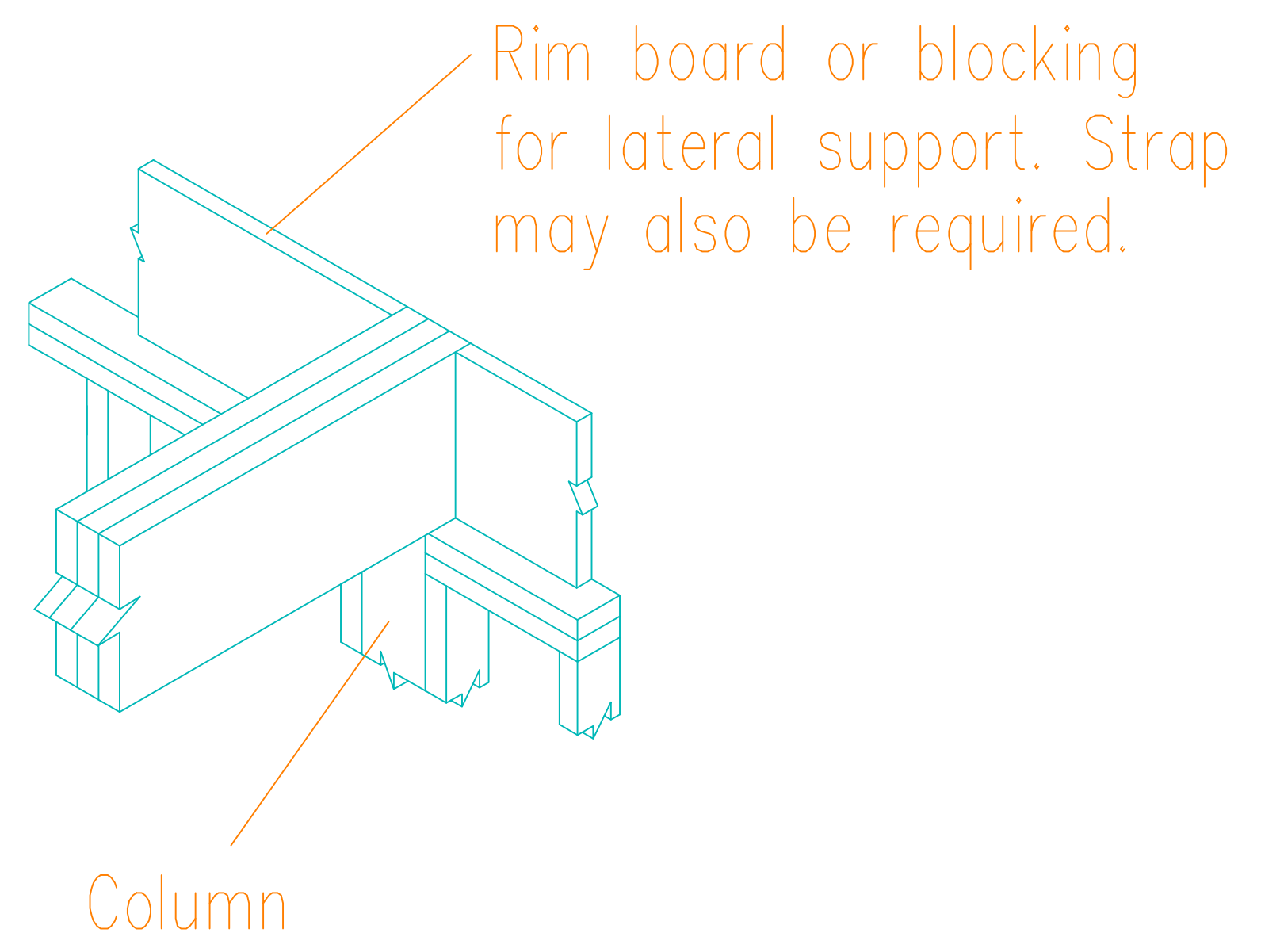


**EXISTING & PROPOSED
1ST. FLOOR FRAMING PLAN**
1/4"=1'-0"



Web stiffeners required
each side at 8W

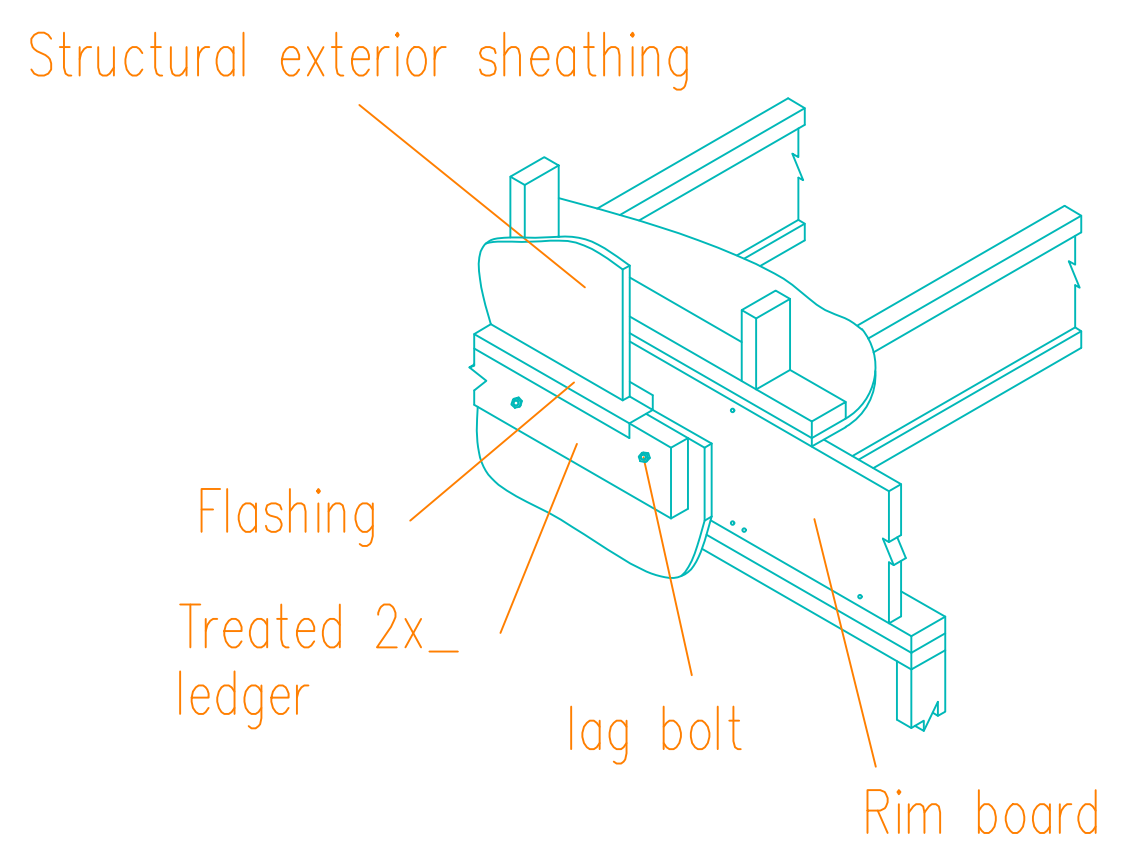
TJI's FLOOR JOIST SUPPORT DETAIL



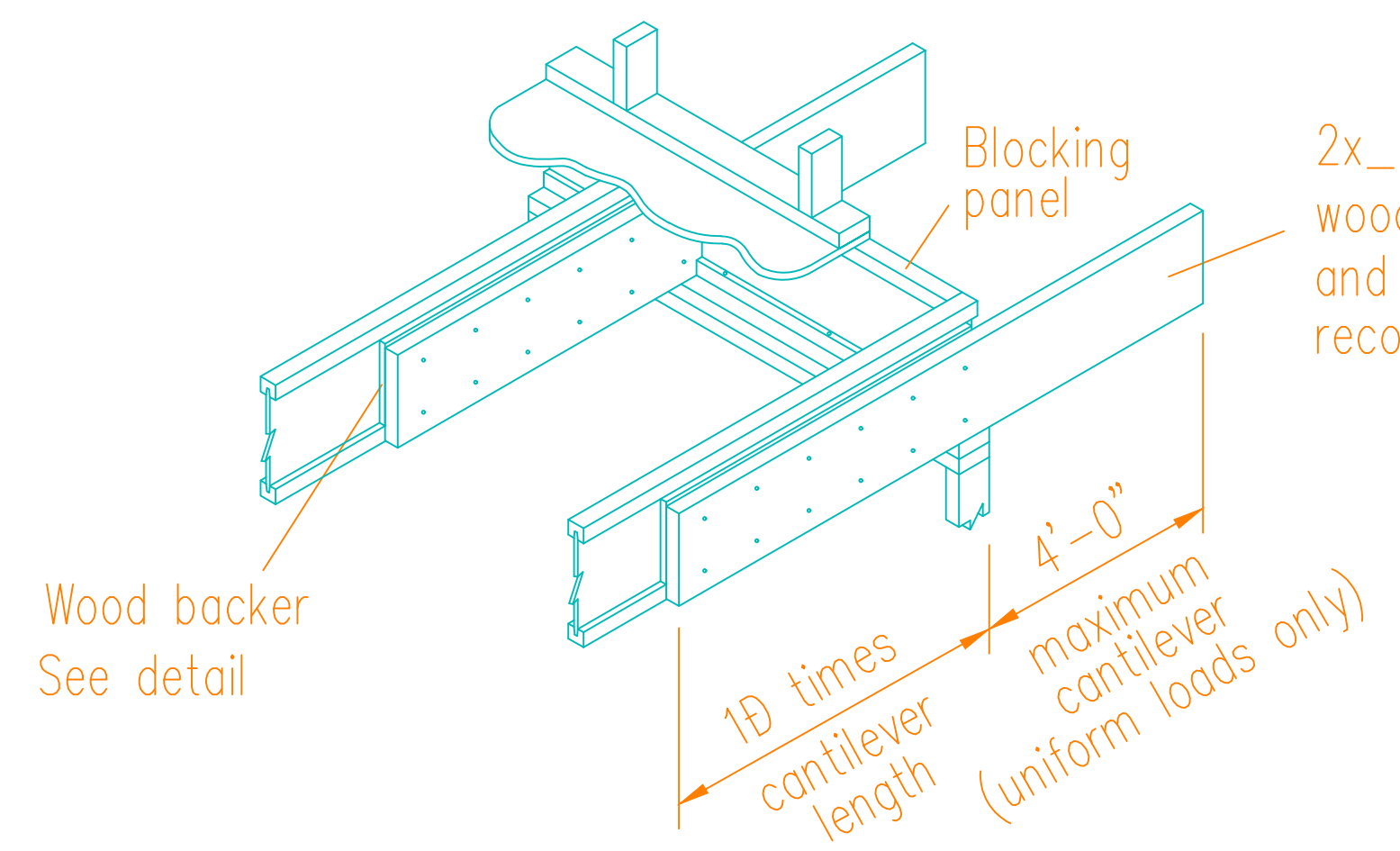
Rim board or blocking
for lateral support. Strap
may also be required.

Column

NOTE: ALL BRACING WALLS
ON 1/2" SHEATHING CONTINUOUS
WOOD BOARDS
METHOD: CWSPS
"CONTINUOUS WOOD STRUCTURAL
PANEL SHEATHING."



Connection details, flashing, and capacities
to be specified by designer of record.



2x_ nailed to the side of the I-joist with
wood backer. Nail through the I-joist web
and backer according to manufacturer's
recommendations.

1Ø times
cantilever
length
4'-0"
maximum
cantilever
(uniform loads only)

NOTE: THESE PLANS ARE FOR THE USE OF
THE BUILDER IN FACILITATING
CONSTRUCTION.
ALL DIMENSIONS INDICATED ARE
APPROXIMATE AND MAY VARY DUE TO
ADJUSTMENTS REQUIRED IN THE FIELD.
OPTIONAL FEATURES, FINISHES,
ELECTRICAL AND H.V.A.C. EQUIPMENT MAY
OR MAY NOT BE INDICATED ON PLANS.

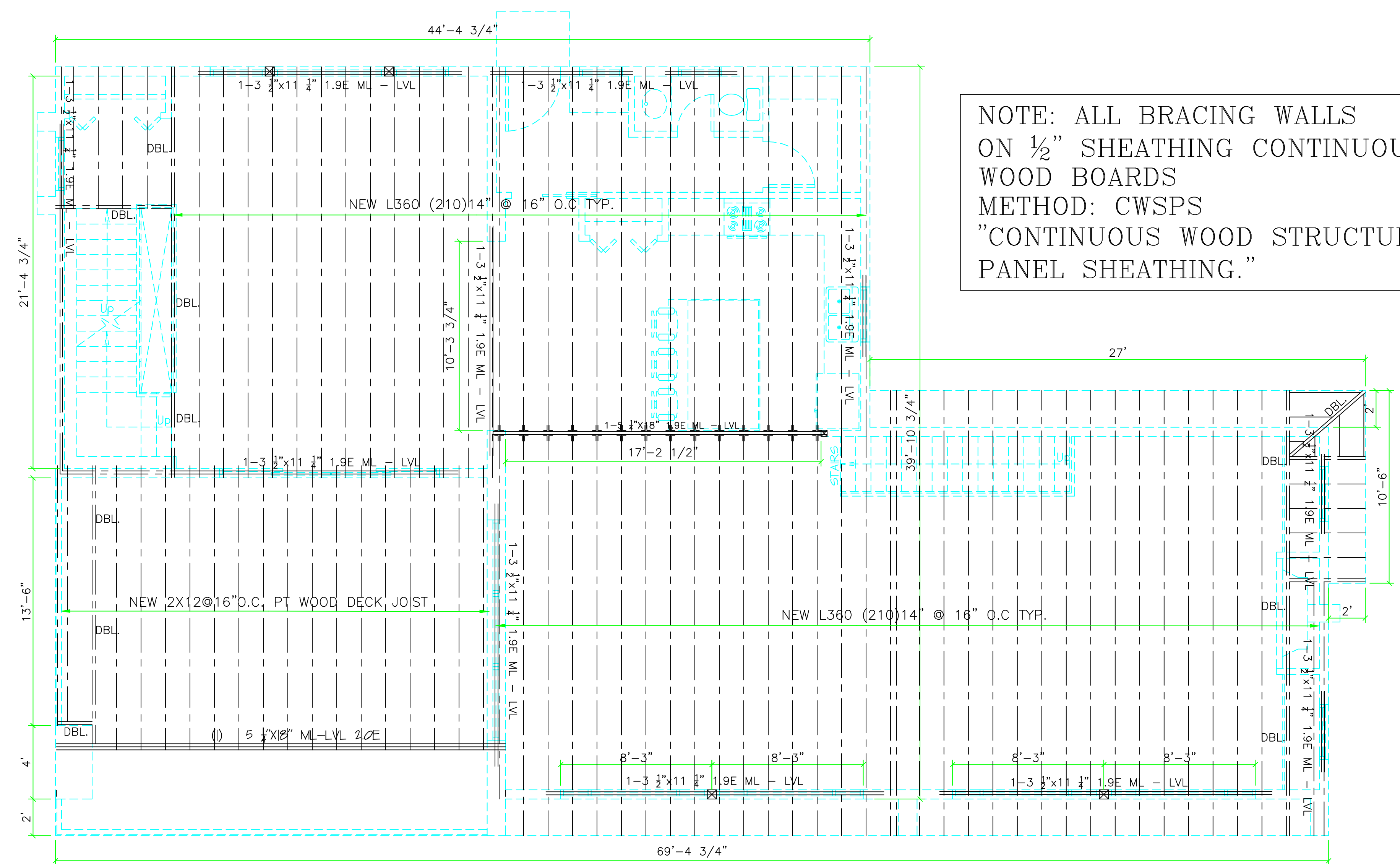
OWNER:
MR. JOSE
BUILDER:
OWNER
DESIGN BY:
DAMAT SERVICES INC.
JORGE VALVERDE
240.555.0223

DATE:
JANUARY 3 2024

DAMAT Services Inc.
Jorge Valverde
DRAWING BY:

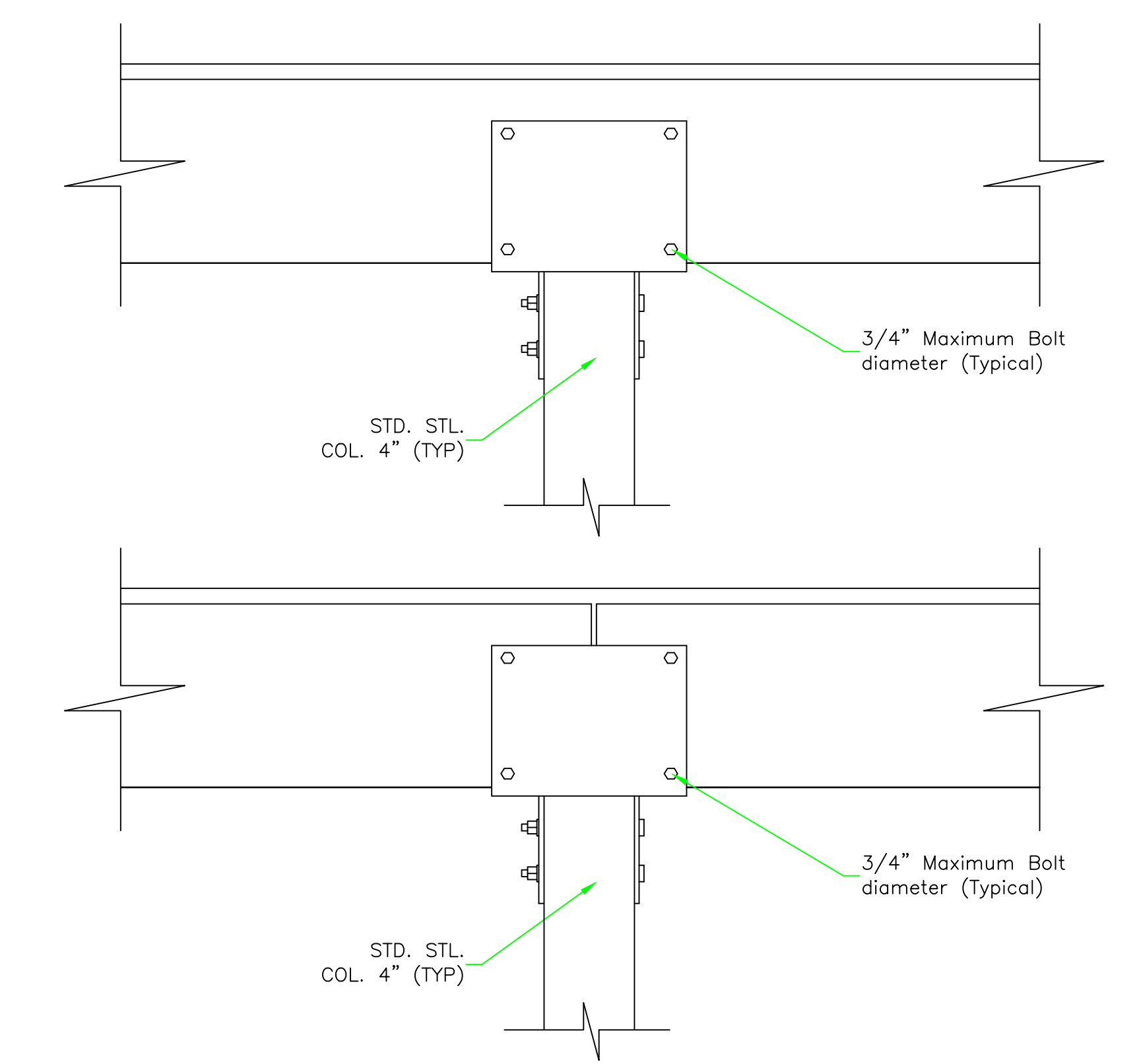
656 SHORE RD.
SEVERNA PARK MD.
21146
BUILDING ADDITION

EXISTING & PROPOSED
1ST. FLOOR FRAMING PLAN
CONSTRUCTION DETAILS

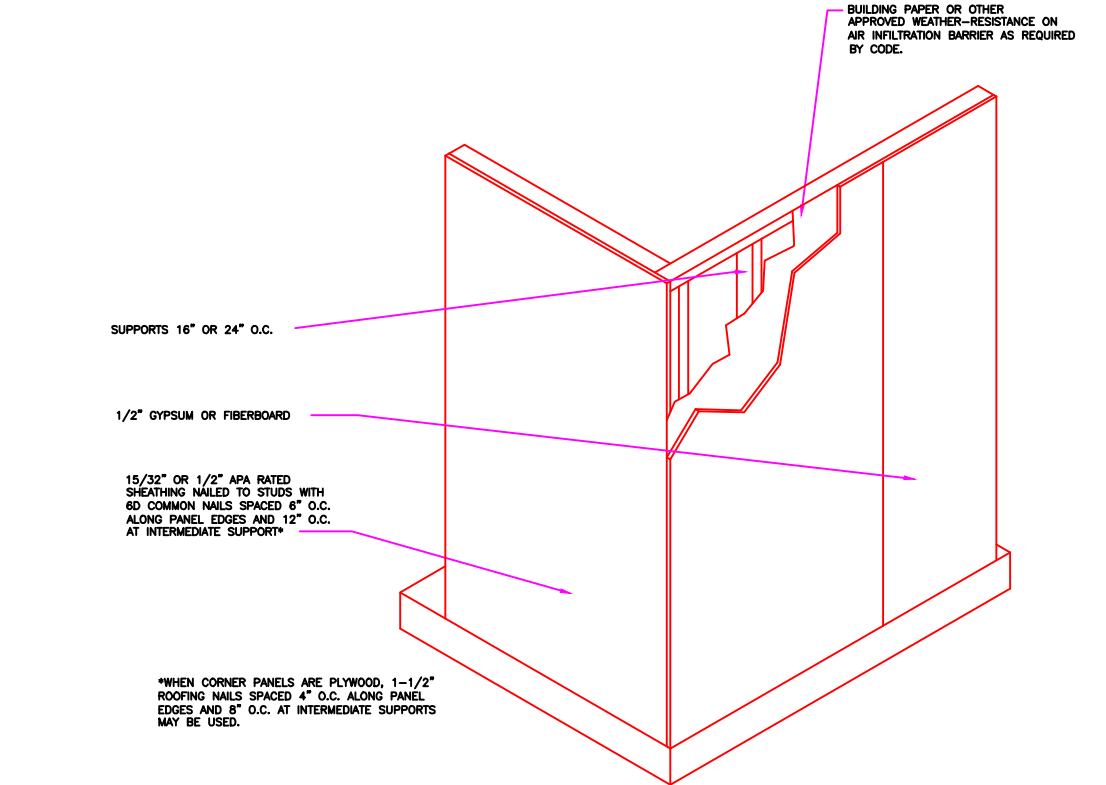
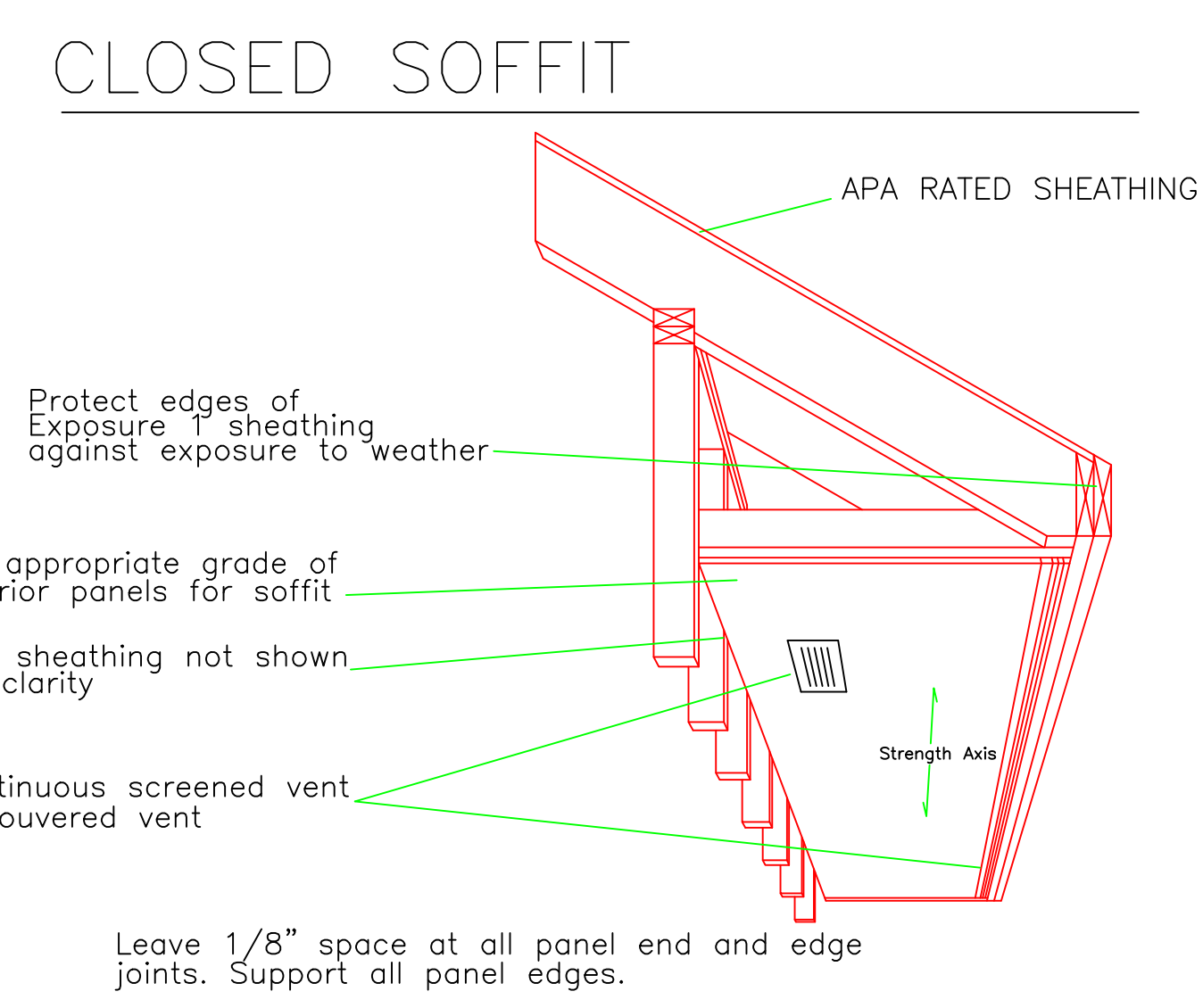


NOTE: ALL BRACING WALLS ON 1/2" SHEATHING CONTINUOUS WOOD BOARDS METHOD: CWSPS "CONTINUOUS WOOD STRUCTURAL PANEL SHEATHING."

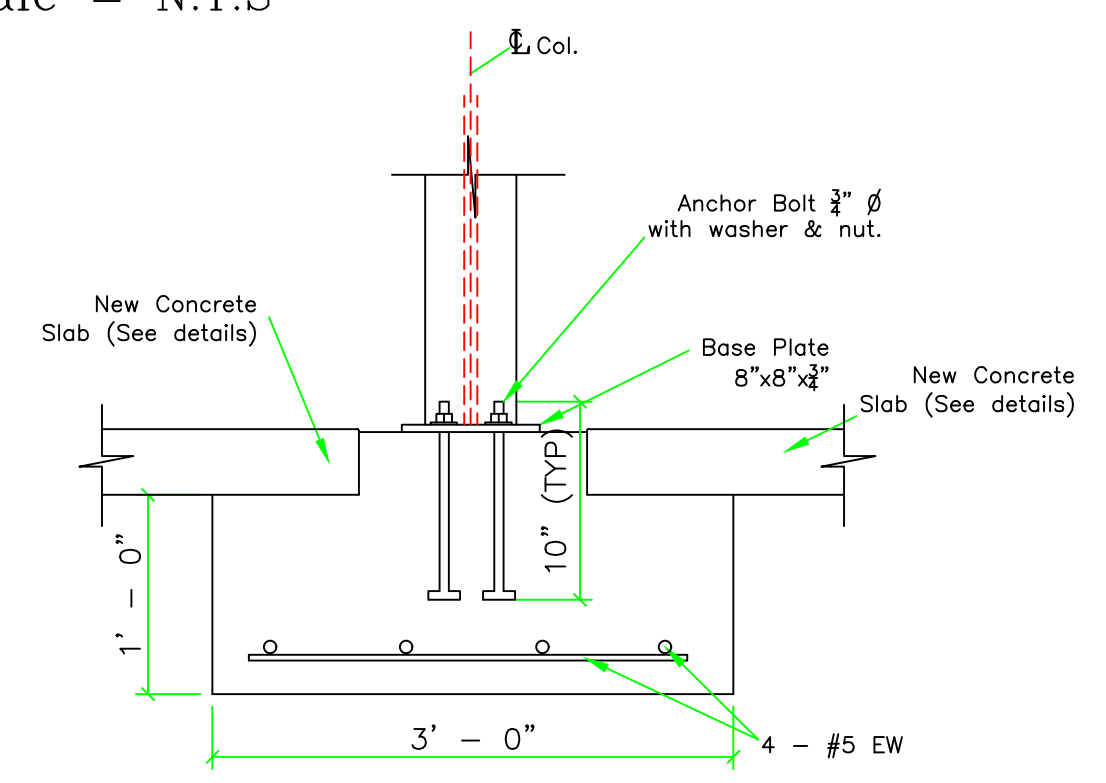
EXISTING & PROPOSED 2ND. FLOOR FRAMING PLAN
1/4"=1'-0"



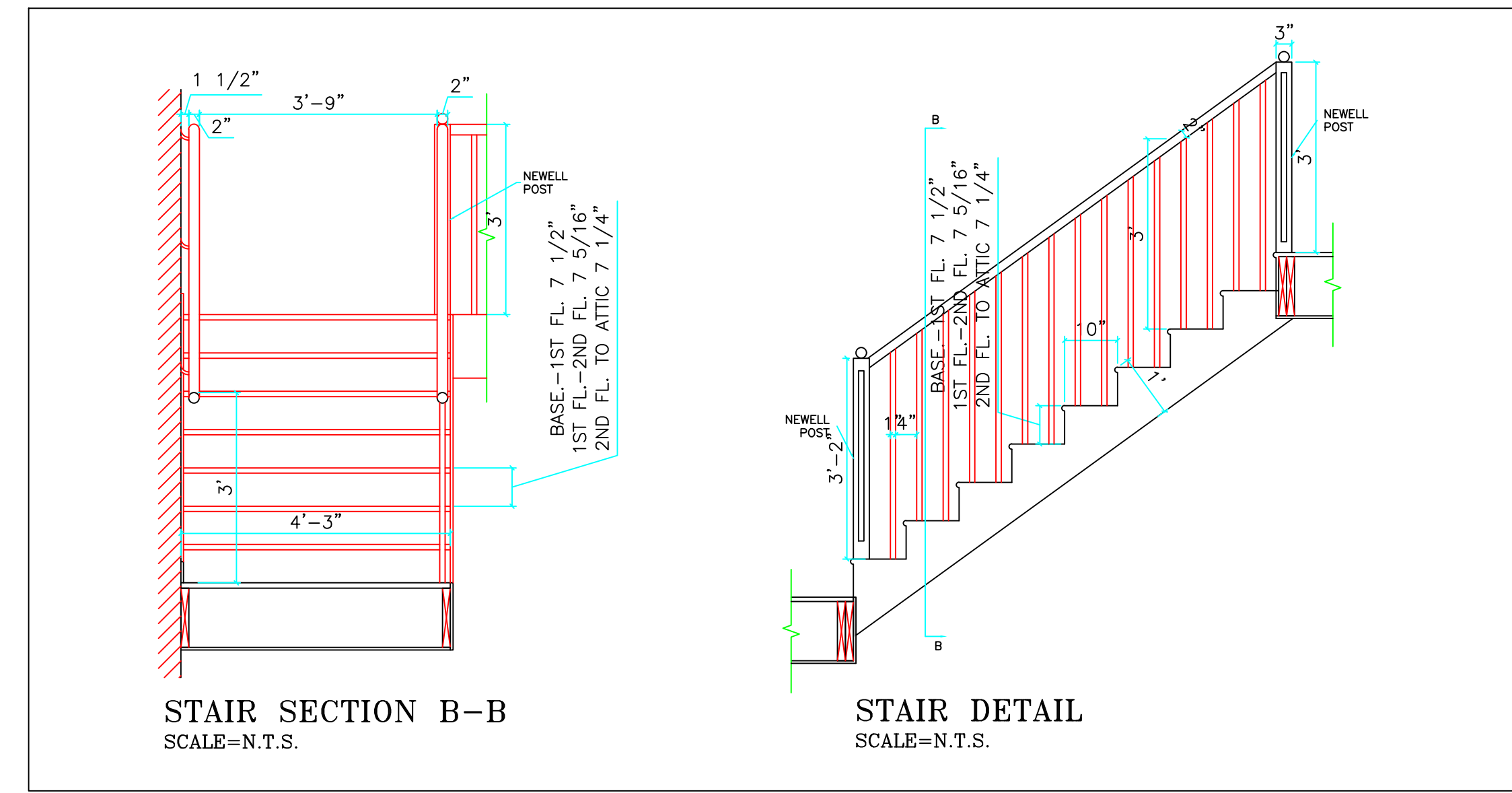
END AND INTERMEDIATE BEARING DETAILS
Scale = N.T.S.



CORNER DETAIL (BRACING)
Scale = N.T.S.



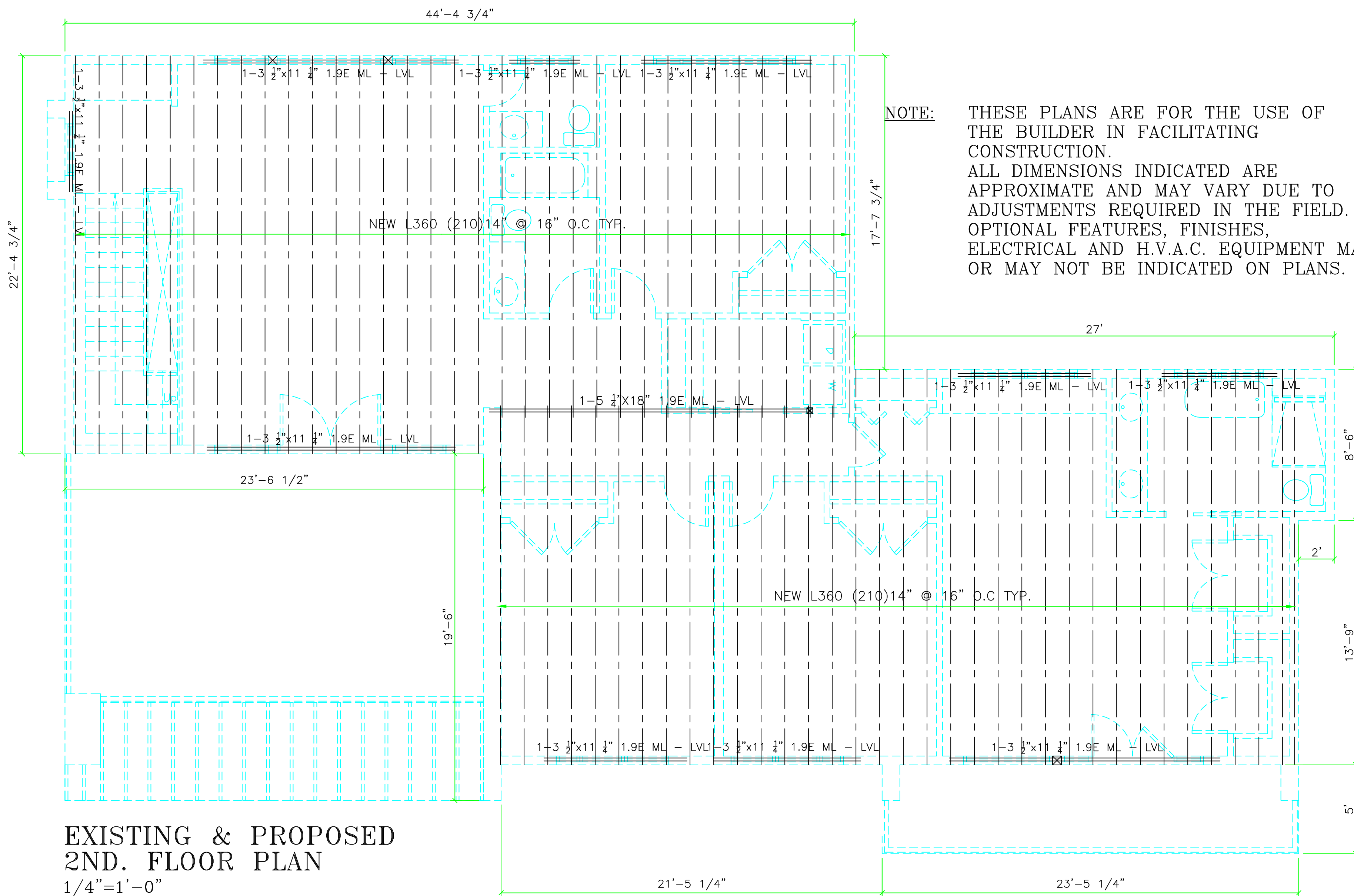
SECTION (TYP.)
NOT TO SCALE



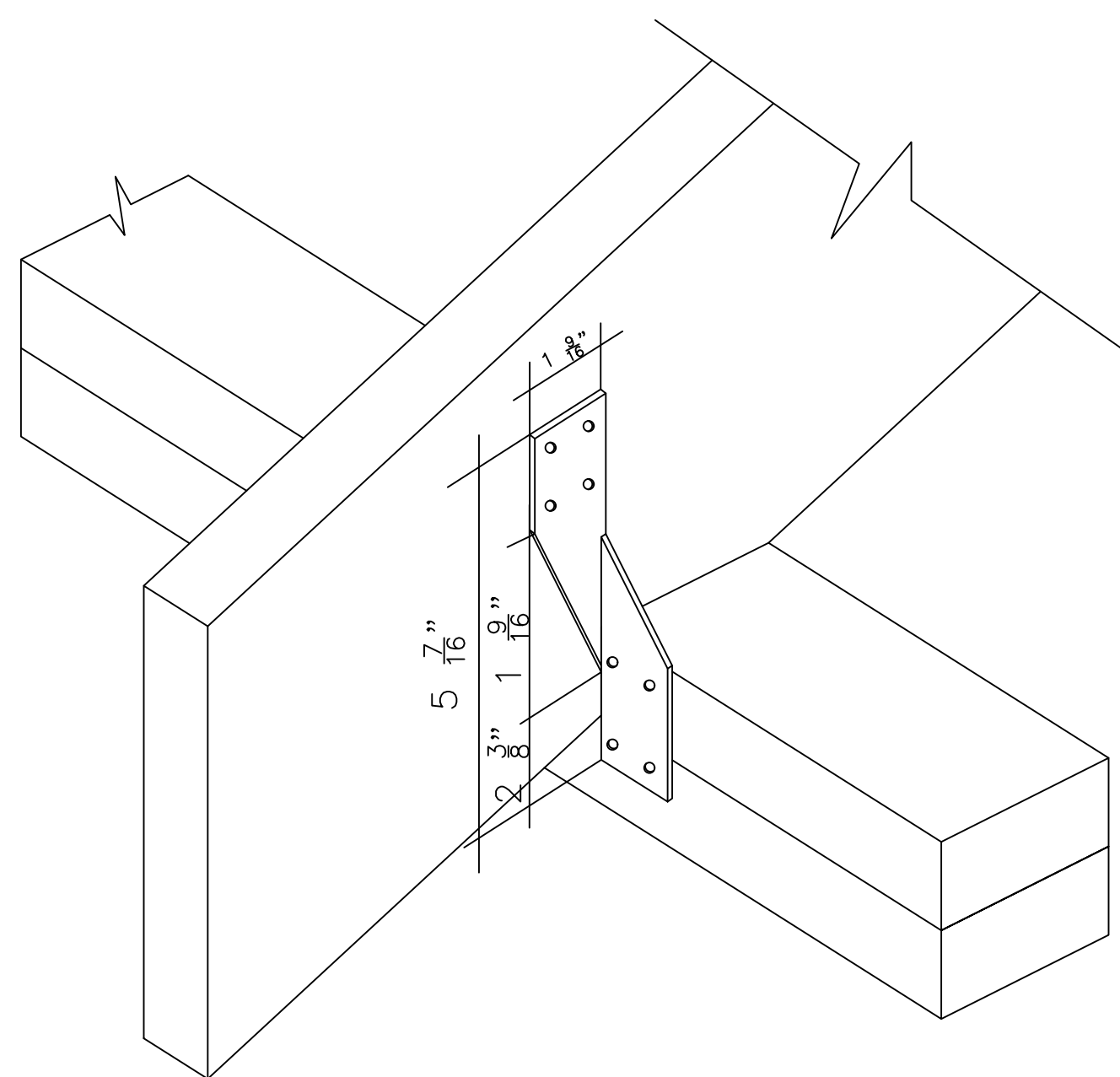
STAIR SECTION B-B
SCALE=N.T.S.

STAIR DETAIL
SCALE=N.T.S.

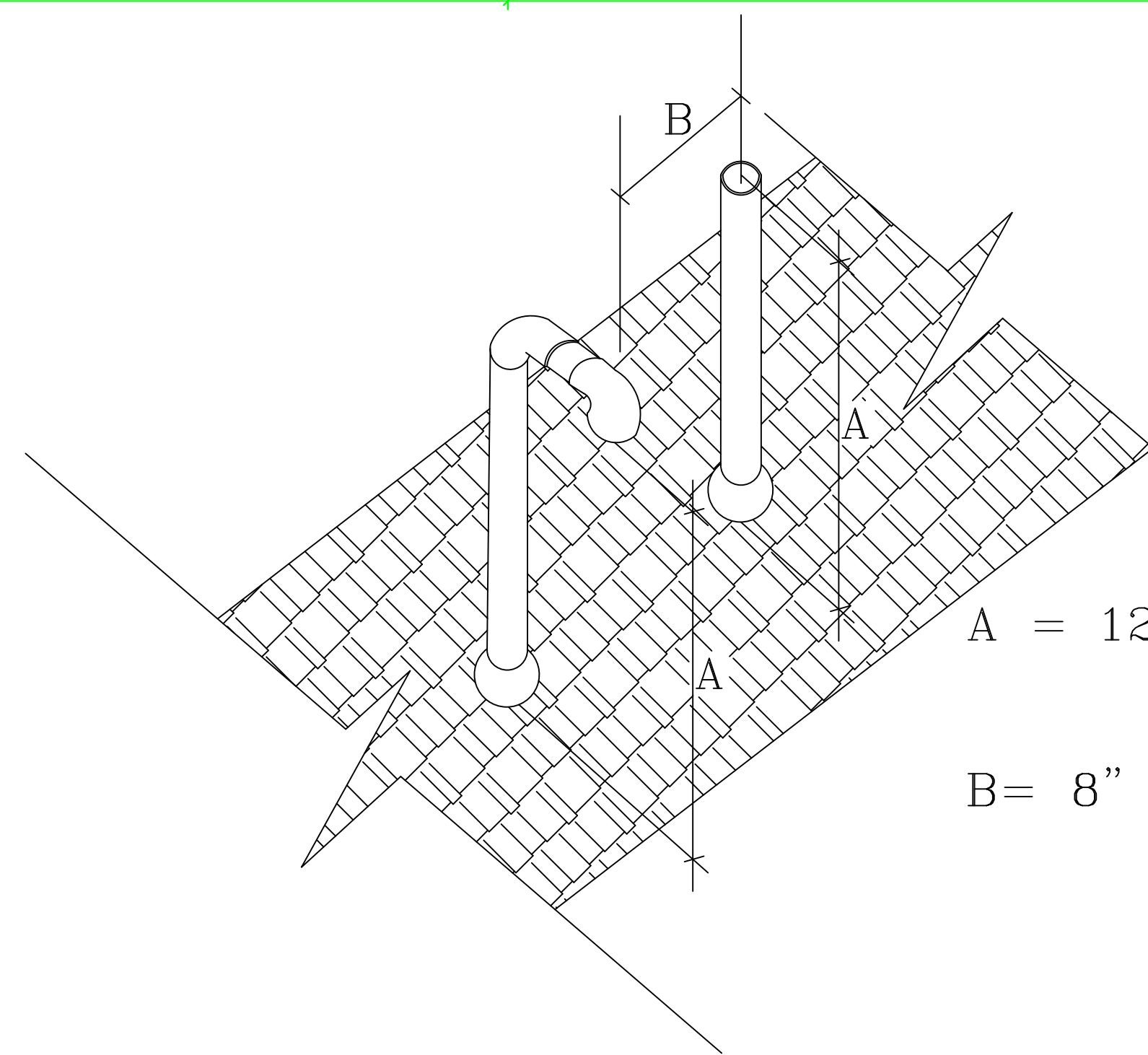
OWNER: MR. JOSE		DATE: JANUARY 3 2024	
BUILDER: OWNER		DRAWING BY: DAMAT Services Inc. Jorge Valverde	
DESIGN BY: DAMAT SERVICES INC. JORGE VALVERDE		240.555.0223	
656 SHORE RD. SEVERNA PARK MD. 21146 BUILDING ADDITION			
EXISTING & PROPOSED 2ND. FLOOR FRAMING PLAN CONSTRUCTION DETAILS			
A009			



EXISTING & PROPOSED
2ND. FLOOR PLAN
1/4"=1'-0"



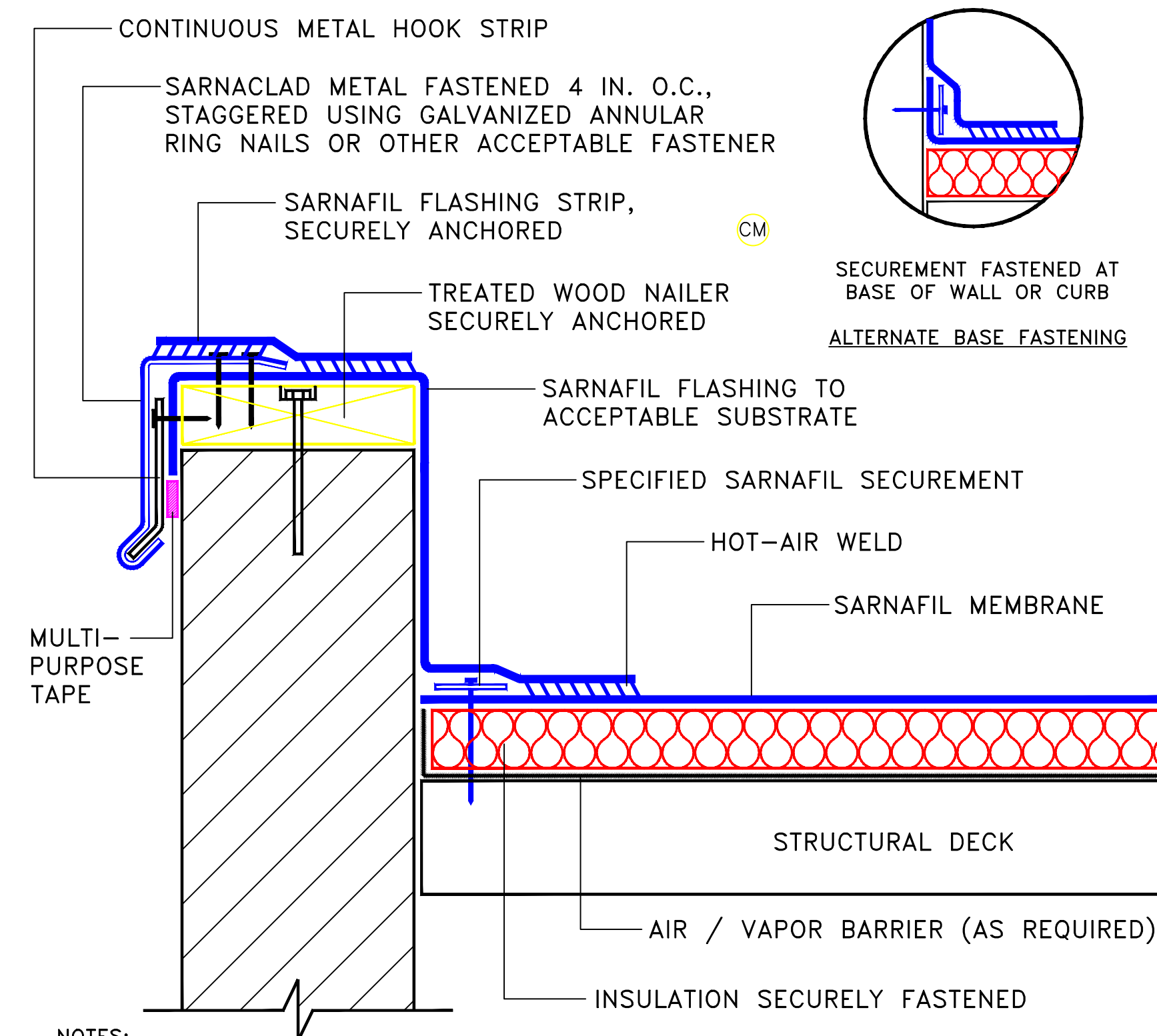
HURRICANE CLIPS. (TYP)
@ TRUSS



ROOF TOP TERMINATION
SCALE = N.T.S.

A = 12" ABOVE ROOF OF SNOW
ACCUMULATION LEVEL.

B = 8" MIN. 20" MAX. EXCECY IN
AREAS WITH EXTREM COLD
TEMPERATURES (BELOW 0 F.)
THE 10" MIN.



NOTES:

- 1) NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
- 2) VAPOR BARRIER SHALL BE SEALED AT EDGES.
- 3) APPROVED FOR SIKAPLAN AND SIKAPLAN NDL WARRANTIES.

PARAPET WALL WITH SARNACLAD METAL

NOTE: ALL BRACING WALLS
ON 1/2" SHEATHING CONTINUOUS
WOOD BOARDS
METHOD: CWSPS
"CONTINUOUS WOOD STRUCTURAL
PANEL SHEATHING."

DATE:
JANUARY 3 2024

OWNER:
MR. JOSE

BUILDER:
OWNER

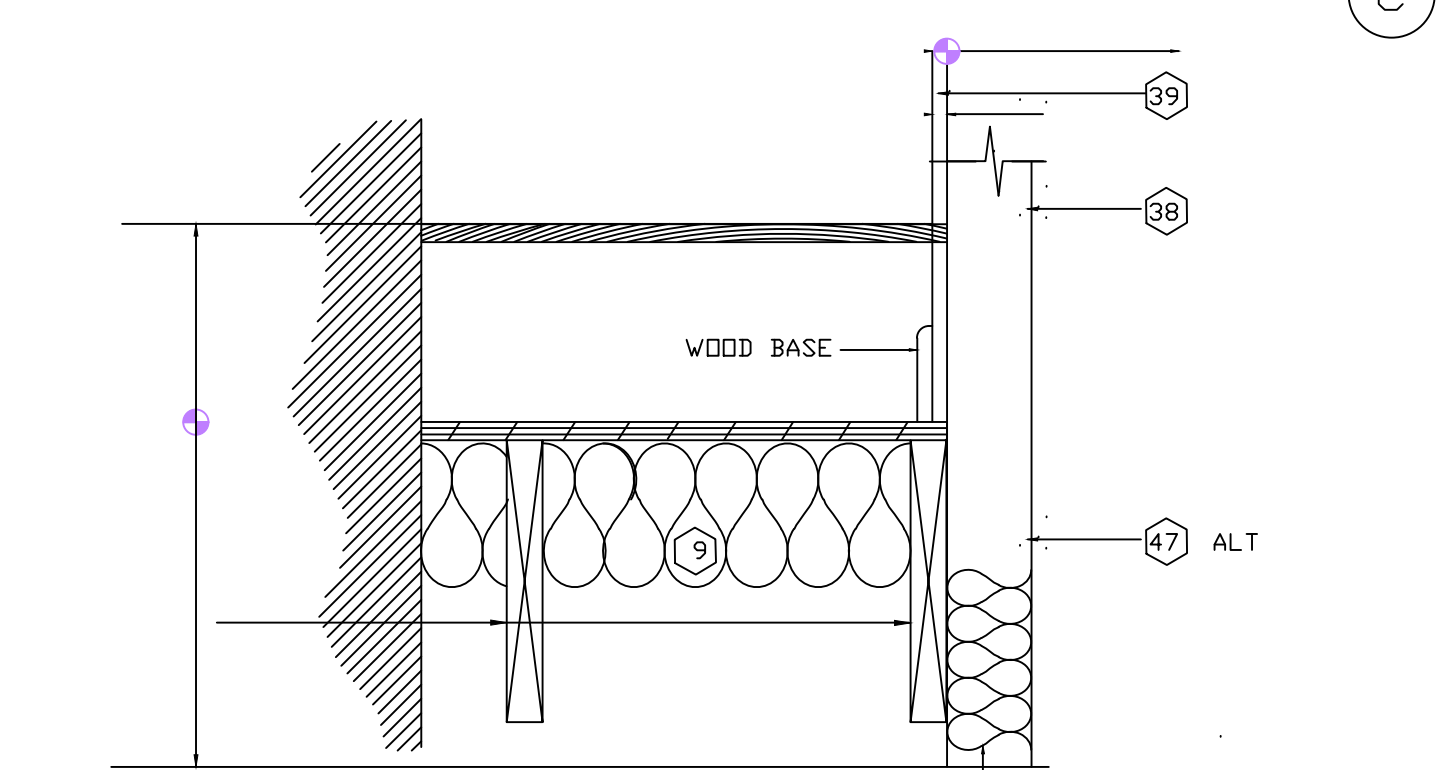
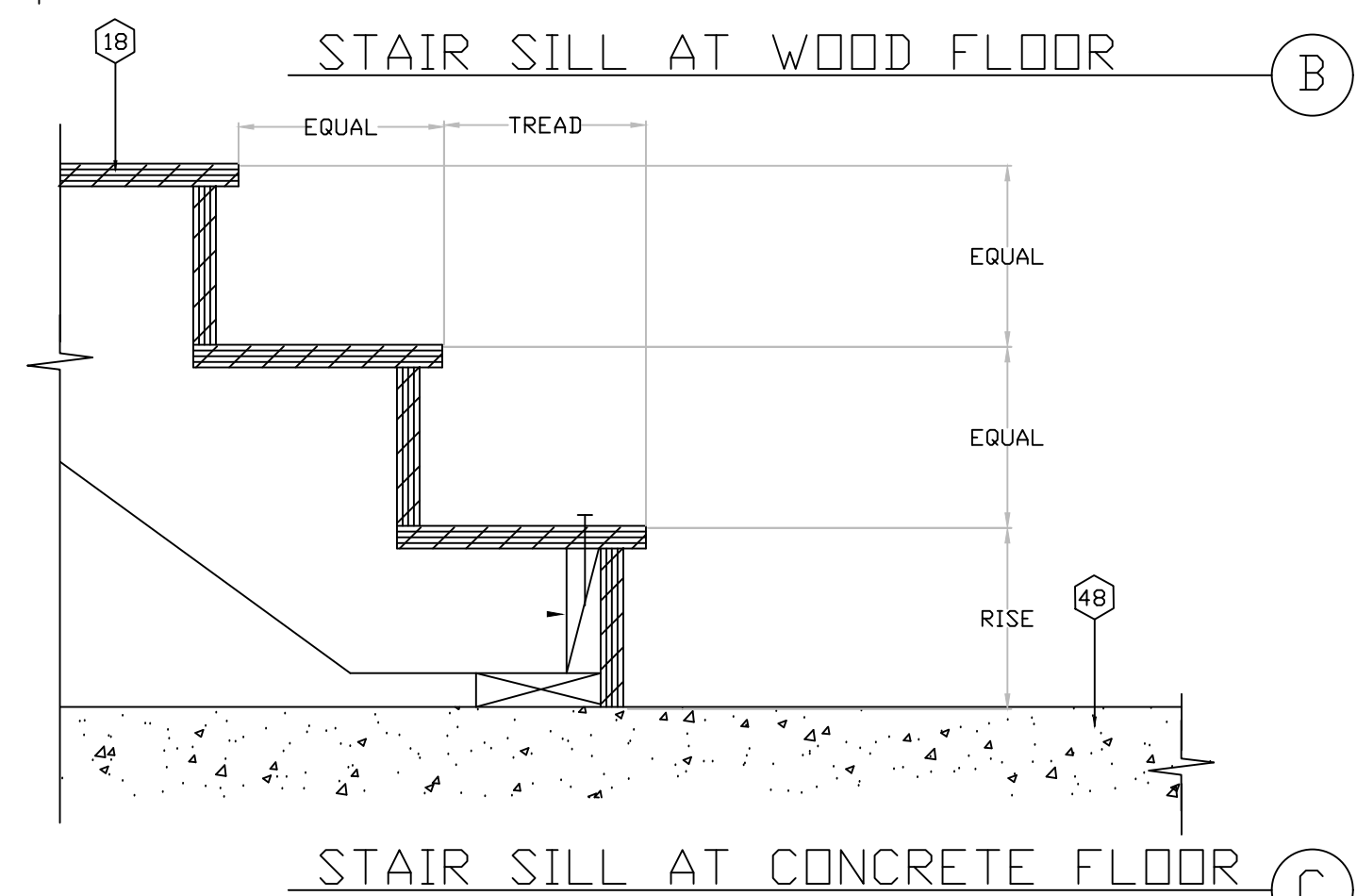
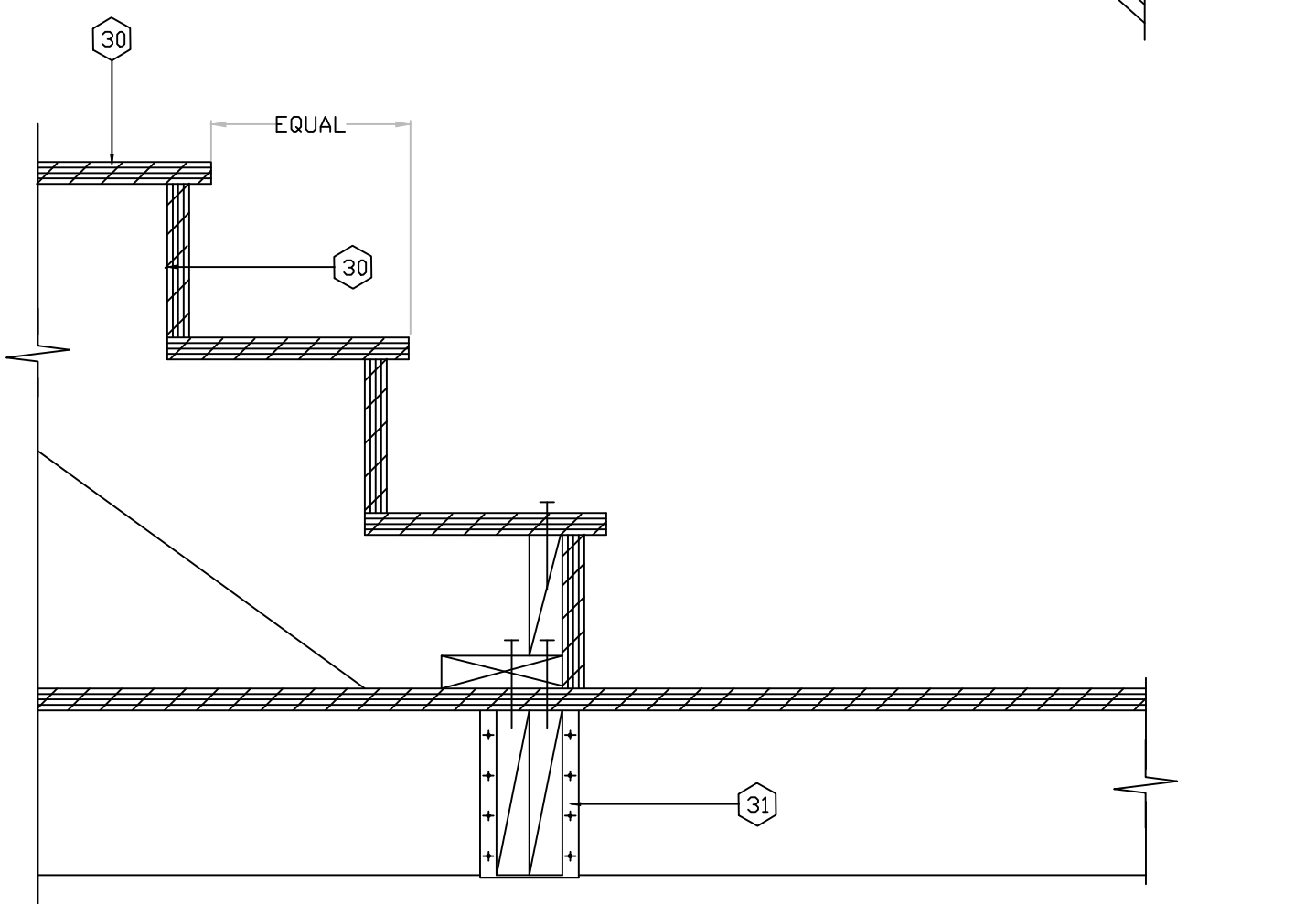
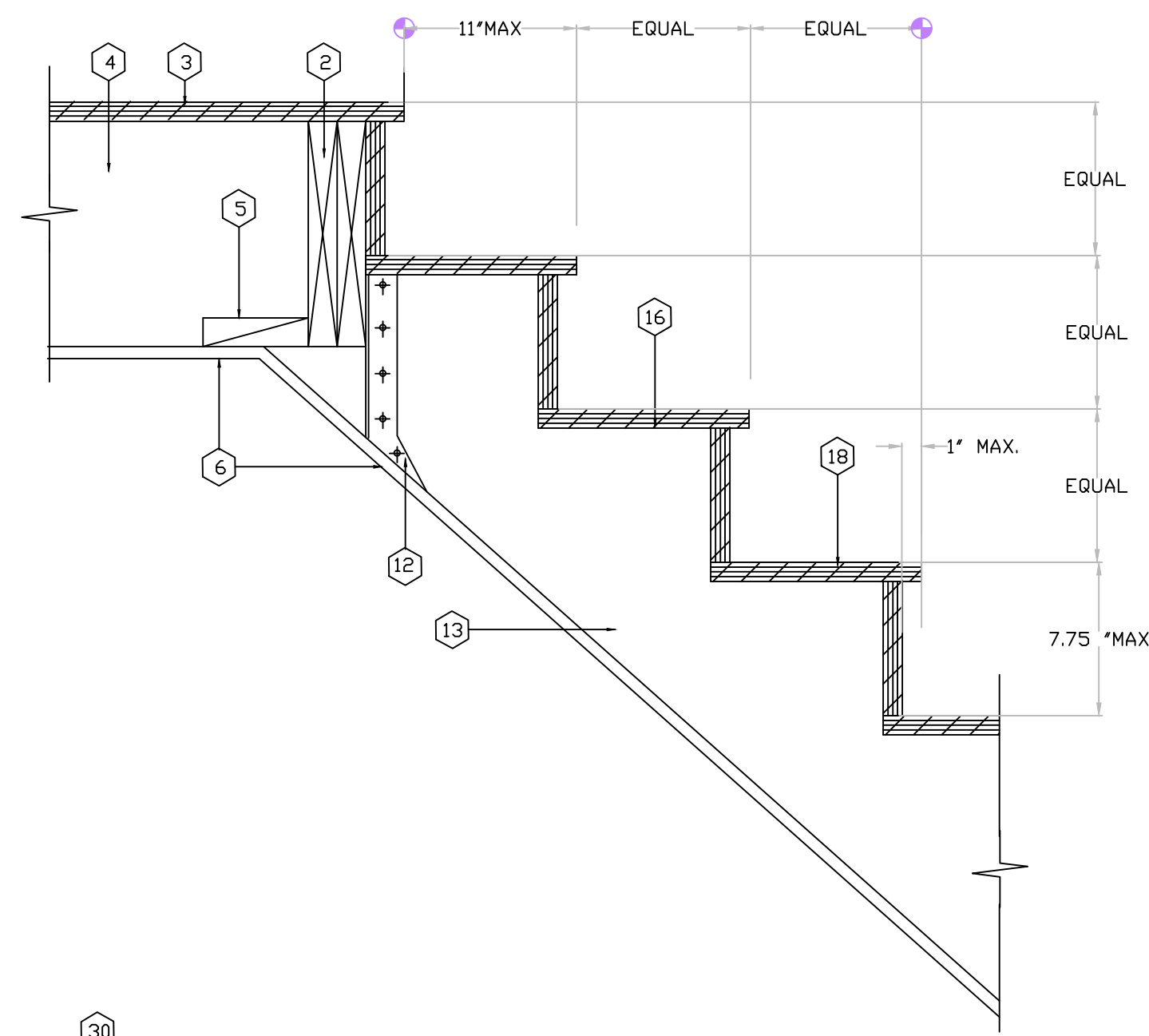
DESIGN BY:
DAMAT SERVICES INC.
JORGE VALVERDE
240.555.0223

656 SHORE RD.
SEVERNA PARK MD.
21146
BUILDING ADDITION

EXISTING & PROPOSED
2ND. FLOOR FRAMING PLAN
CONSTRUCTION DETAILS

A010

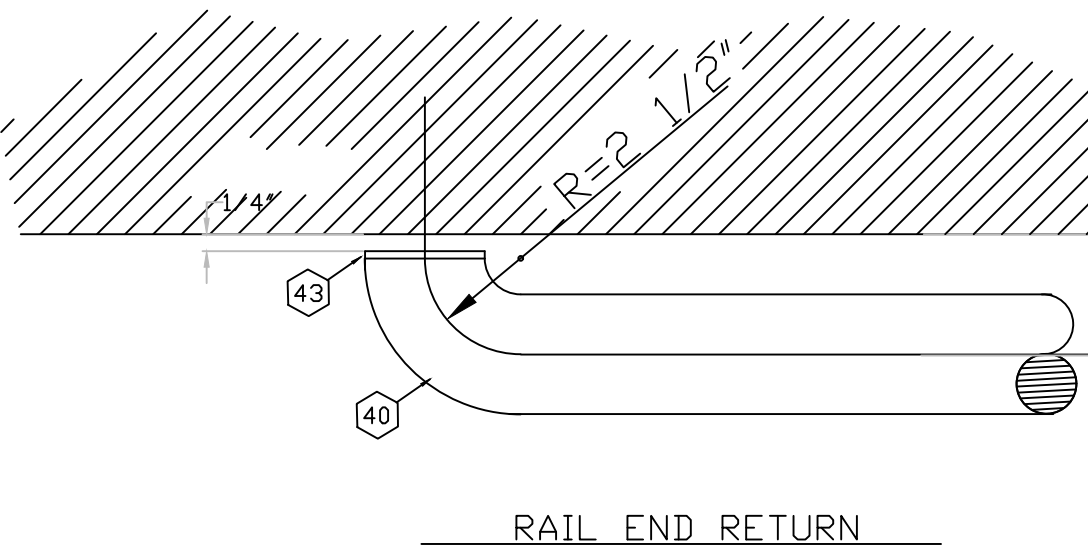
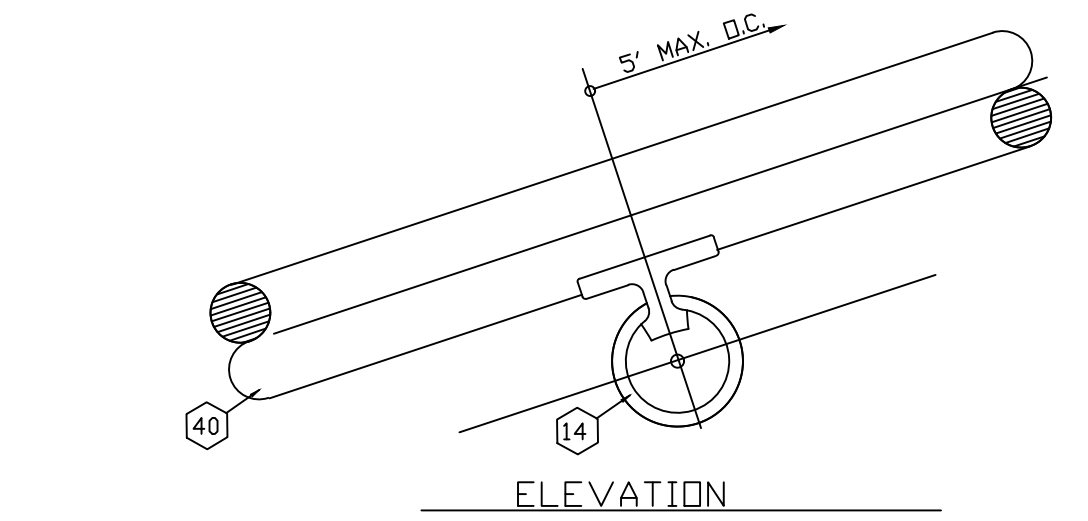
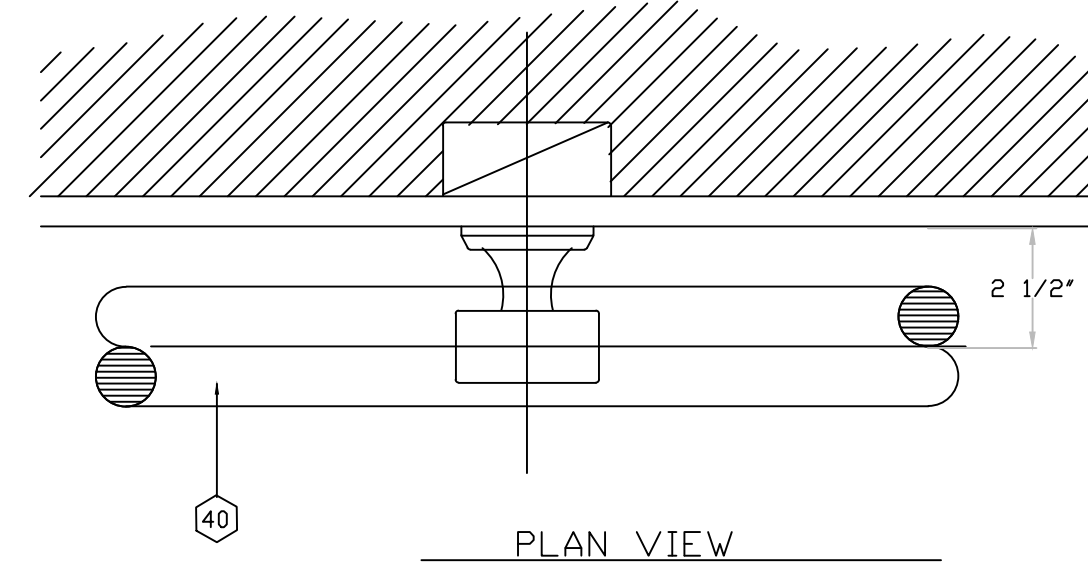
DAMAT Services Inc.
DRAWING BY: Jorge Valverde



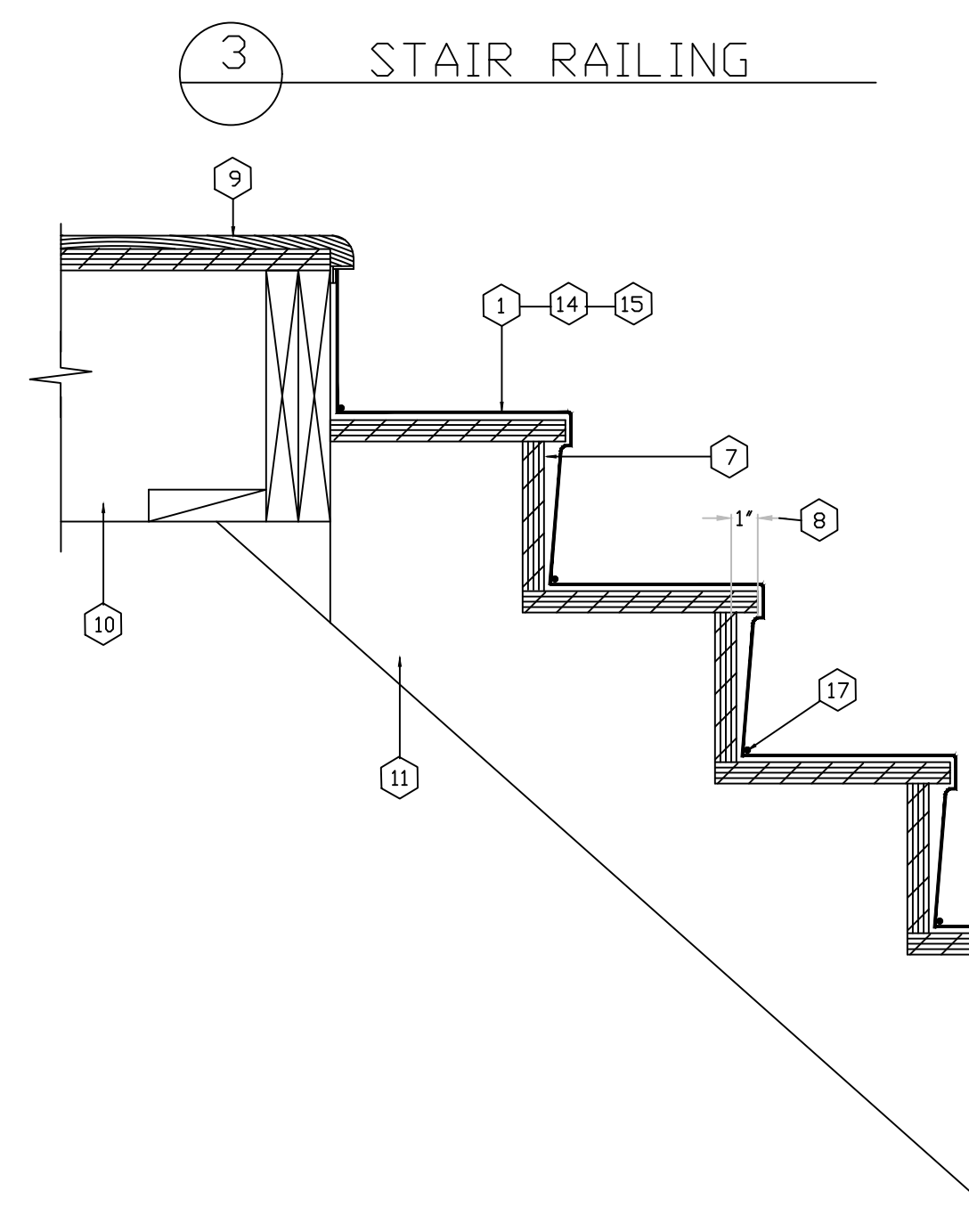
WOOD STAIR DETAIL
N.T.S.

LEGEND

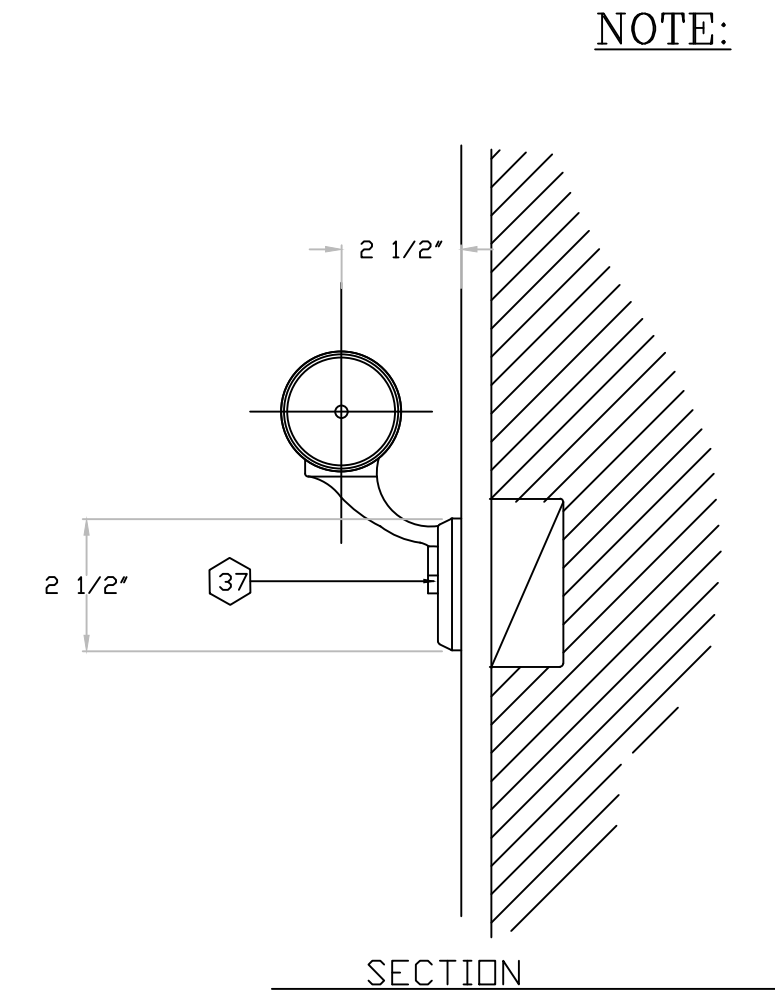
- 1 NOTE: CARPET STRIP AT CENTRAL OF STAIR ONLY HARDWOOD EDGES. VERIFY DIMENSION AT SIDES
- 2 DOUBLE 2 X FLOOR JOISTS
- 3 PLYWOOD SUBFLOOR
- 4 FLOOR JOIST
- 5 2 X 6 BLOCKING
- 6 INTERIOR "ONE HOUR" RATED FINISH WHERE OCCURRING
- 7 NOTE: COVE MOLDING NOT SHOWN FOR CLARITY, BELOW NOSING, SEE DET. #1
- 8 1" LIP MAXIMUM
- 9 HARDWOOD FLOORING AND NOSING
- 10 2X FLOOR JOIST SEE FRAMING PLAN
- 11 2X STAIR STRINGER SEE PLAN
- 12 "SIMPSON" HU HANGER
- 13 2X12 STAIR STRINGERS AT 12" O.C. W/ ONE ADJACENT TO WALL TYPICAL EACH SIDE
- 14 CARPET TACK STRIP TOP AND BOTTOM AS REQUIRED TYPICAL
- 15 CARPET OVER PLYWOOD OR HARDWOOD VERIFY IN THE FIELD.
- 16 CUT PLYWOOD RISED OR TREADS, FASTEN TO 2X STAIR STRINGERS W/ GLUE AND DRYWOOD SCREWS
- 17 BRASS CARPET HOLDOWN TYPICAL AT INSIDE OF INSIDE BOTTOM OF EACH STEP
- 18 NOTE: ALLOW FOR FINISH ON PLYWOOD
- 19 CERAMIC TILE
- 20 BOND COAT
- 21 MORTAR BED: 3/4" MIN. - 1 1/4" MAX.
- 22 SCRATCH COAT
- 23 METAL LATH
- 24 WATERPROOF MEMBRANE DESIGN REQUIREMENTS
- 25 USE COVE TILE AT JUNCTION OF RISER AND TREAD FOR MAINTAINING QUARRY OR PAVEMENT TILE. COVE SET HORIZONTALLY OR VERTICALLY TO FACILITATE LAYOUT
- 26
- 27 FINISHED STEP NOSINGS ARE AVAILABLE IN SPECIALLY SHAPED QUARRY AND PAVEMENT TILE PIECES
- 28 USE FULL RADIUS CERAMIC MOSAIC BULLNOSE TILE FOR NOSINGS
- 29 SLIP RESISTANT TILE REQUIRED ON STAIR TREADS TYPICALLY
- 30 ALTERNATE: EXTERIOR GRADE PLYWOOD RISER - TREAD
- 31 "SIMPSON" HU JOIST HANGERS DOUBLE BLOCKING TO FLOOR JOIST
- 32 NOTE: ALL PLYWOOD EXTERIOR GRADE TYPICAL 3/4" CDX
- 33 FINISH CONCRETE WITH MEDIUM ROUGH BRUSH
- 34 HAMMER FINISH FREE OF CRACKS, WAXY OR OILY FILMS AND/OR CURING COMPOUNDS
- 35 LIGHT BROOM FINISH TYPICAL
- 36 3/4" RADIUS TOP AND BOTTOM TYP.
- 37 3/8" DIA. LAG BOLT
- 38 2X4 STUDS AT 16" O.C. TYPICAL (WALL)
- 39 INTERIOR FINISH
- 40 1 1/4" DIA. STD. PIPE HANDRAIL (VERIFY W/ OWNER, WOOD SIM)
- 41 2X BLOCKING W/ 2 1/2" FH WD. SCREWS AT 4" O.C. TYPICALLY
- 42 TOOL SAFETY GROOVES STOP TOOLS 3" FROM EACH END OF TREAD. OMIT GROOVES IF SCHED OR DET. CALLS FOR OTHERWISE
- 43 CAPPED END, WELD AND GRIND SMOOTH
- 44 METAL BRACKET
- 45 VERIFY WALL THICKNESS SEE PLANS
- 46 INTERIOR FINISH ONE HOUR RATED AT STAIR
- 47 ALT. INSULATE UNDER SIDE OF STAIRS W/ R-19 BATTS
- 48 SEE STRUCTURAL FOR SLAB THICKNESS AND REINFORCING
- 49 MOLDING
- 50 1 1/8" X 1 3/8" WOOD WALL STRINGER
- 51 3/4" PLYWOOD TREAD
- 52 BALLISTER DOVETAILED INTO TREAD
- 53 COVE MOLDING
- 54 2X12 STRINGERS AT 12" O.C. W/ 4-16d AT EACH STUD ALT. 3" USE DRYWALL SCREWS
- 55 1 1/2" OUTER FINISH WOOD STRINGER
- 56 INSULATE STAIR WALLS W/ R-11 SOUND BATTS
- 57
- 58



STAIR RAILING
SCALE 3" = 1"

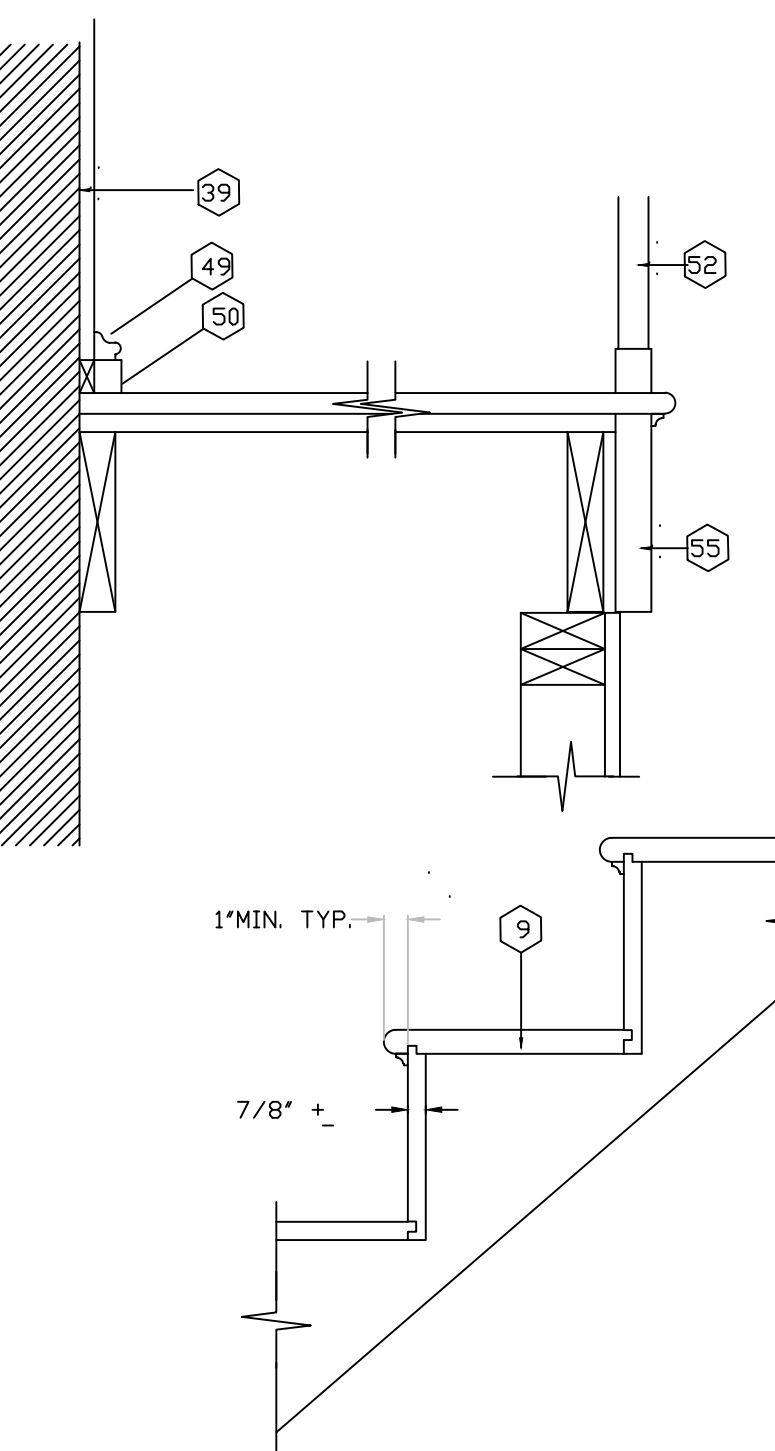


STAIR FINISH DETAIL
N.T.S.



STAIR NOTES

1. HANDRAILS
 - A. PROVIDE HANDRAIL - MINIMUM ONE SIDE
 - B. HEIGHT OF RAILING ABOVE TREADS - 32" (30" MIN. - 34" MAX.)
 - C. EXTEND HANDRAILS 12" NOSING OF TOP TREAD AND 12" PLUS TREAD WIDTH BEYOND THE BOTTOM NOSING.
 - D. RETURN AND TERMINATE ENDS OF HANDRAILS TO WALL OR POST.
 - E. PROVIDE 1 1/2" CLEAR BETWEEN HANDRAIL AND WALL.
 - F. CROSS-SECTIONAL DIMENSION HAND GRIP PORTION OF HANDRAILS: 1 1/4" MINIMUM.
2. TREADS
 - A. ALL TREADS SURFACES ARE TO BE SLIP RESISTANT
 - B. ALL EXPOSED EDGES OF TREADS ARE TO BE SMOOTH, ROUNDED OR CHAMFERED. NO ABRUPT EDGES AT LOWER FRONT EDGE OF NOSING
3. NOSING
 - A. NOSING PROJECTION PAST FACE OF RISER BELOW TO BE 1 1/2" MAXIMUM.
4. RISERS
 - A. SUFFICIENTLY SOLID TO PREVENT PASSAGE OF OBJECTS LARGER THAN 1/4"
5. DIMENSIONS (UNLESS NOTED OTHERWISE)
 - A. RISERS: 7 1/2" MAX. VERT., 4" MIN.
 - B. TREADS: 10" MINIMUM HORIZONTAL.
6. MAXIMUM VARIATION IN HEIGHT OF RISERS OR WIDTH OF TREADS IN ANY GIVEN FLIGHT: 1/4"



WOOD STAIR DETAIL
N.T.S.

NOTE: THESE PLANS ARE FOR THE USE OF THE BUILDER IN FACILITATING CONSTRUCTION. ALL DIMENSIONS INDICATED ARE APPROXIMATE AND MAY VARY DUE TO ADJUSTMENTS REQUIRED IN THE FIELD. OPTIONAL FEATURES, FINISHES, ELECTRICAL AND H.V.A.C. EQUIPMENT MAY OR MAY NOT BE INDICATED ON PLANS.

DATE: JANUARY 3 2024

OWNER: MR. JOSE
BUILDER: OWNER
DESIGN BY: DAMAT SERVICES INC.
JORGE VALVERDE
240.555.0223

DAMAT Services Inc.
Jorge Valverde

656 SHORE RD.
SEVERNA PARK MD.
21146
BUILDING ADDITION

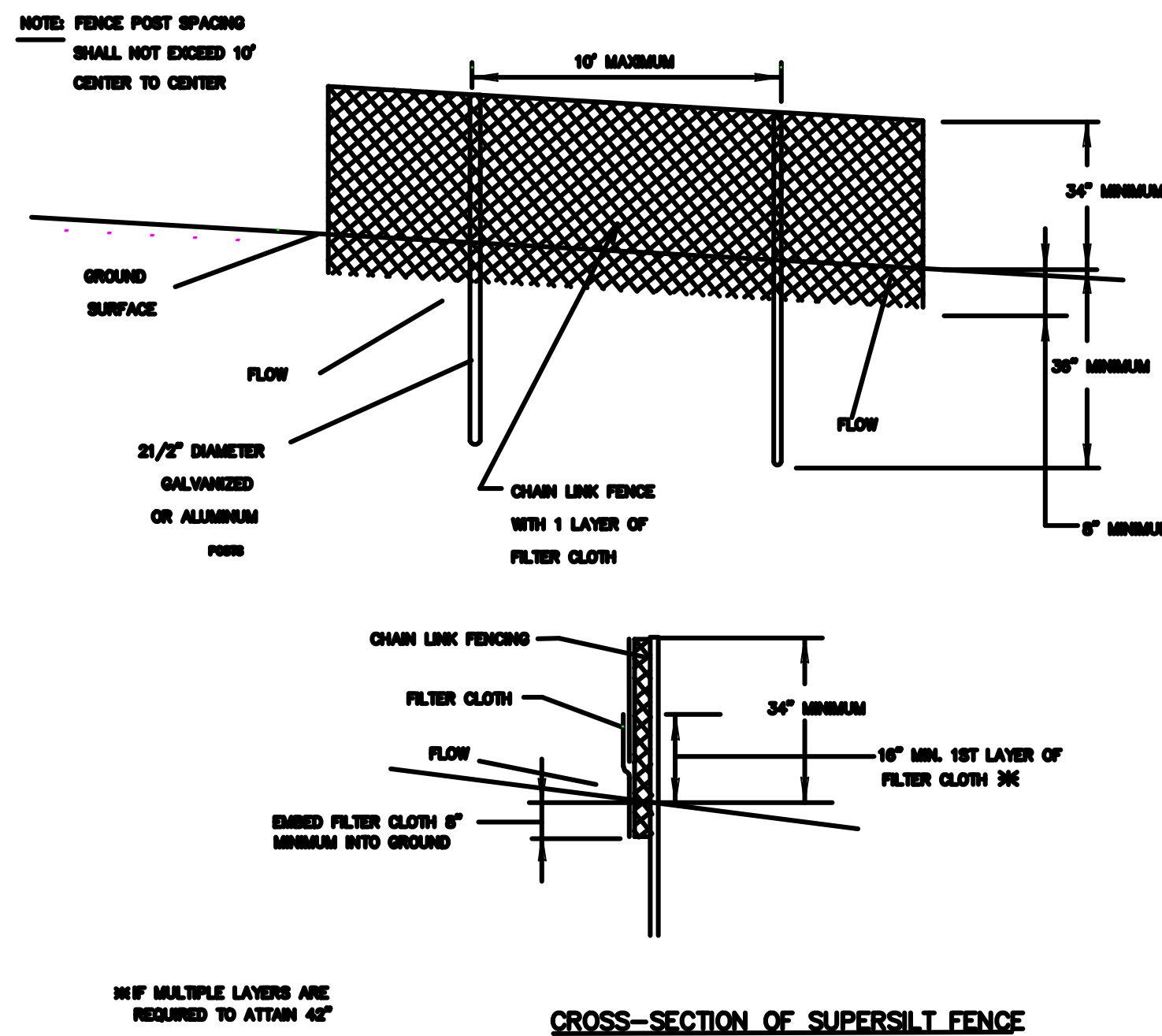
STAIRS PLANS
AND CONSTRUCTION
DETAILS

A011

LIST OF STANDARDS

EARTH DIKE	A-2 / B-3	GRADE STABILIZATION STRUCTURE	SEE-1 / FED-12
STRAW BALE DIKE	8D	PIPE SLOPE DRAIN	SEE-1 / FED-12
SUPER SILT FENCE	6F / 6F	PERIMETER DIRT / SHALE	
TEMPORARY SHALE	A-2 / B-3	CURB INLET PROTECTION	
STABILIZED CONSTRUCTION ENTRANCE	SOE	DIVERSION	
LINED WATERWAY	SEE SEE 3000	GRADED WATERWAY	
ROCK OUTLET PROTECTION		SUBSURFACE DRAIN	
SILT FENCE	6F / 6F		

SUPERSILT FENCE



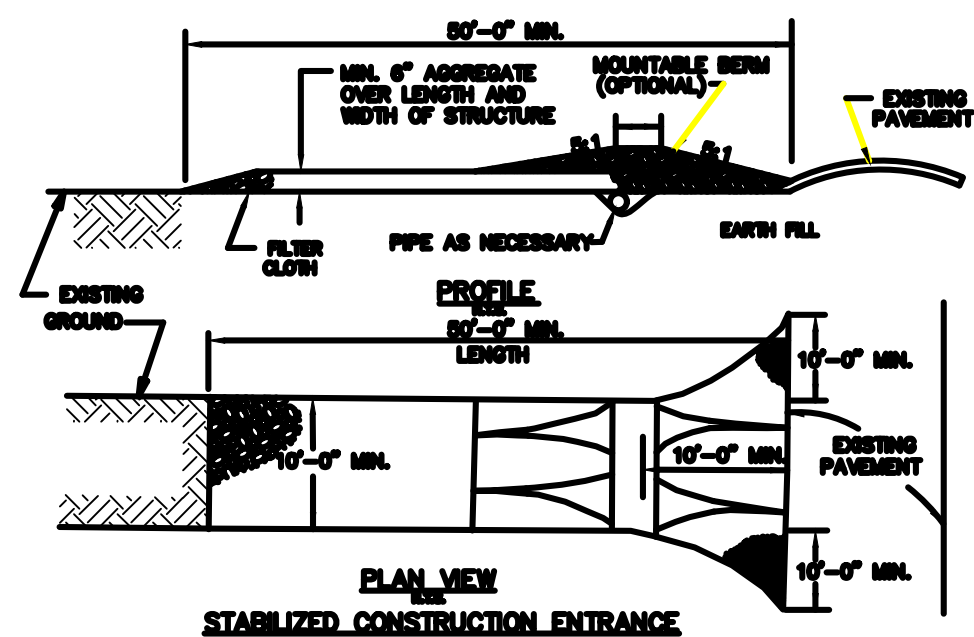
CONSTRUCTION SPECIFICATIONS FOR SUPERSILT FENCE

- FENCING SHALL BE 42" IN HEIGHT AND CONSTRUCTED IN ACCORDANCE WITH THE LATEST DDOT DETAILS FOR CHAIN LINK FENCING. THE DDOT SPECIFICATION FOR A 6" FENCE SHALL BE USED, SUBSTITUTING 42" FABRIC AND 6" LENGTH POSTS.
- CHAIN LINK FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES. THE LOWER TENSION WIRE, BRACE AND TRUSS ROD, DRIVE ANCHORS AND POST CAPS ARE NOT REQUIRED EXCEPT ON THE ENDS OF THE FENCE.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO THE CHAIN LINK FENCE WITH TIES SPACED EVERY 24" AT THE TOP AND MID SECTION.
- FILTER CLOTH SHALL BE EMBEDDED A MINIMUM OF 6" INTO THE GROUND.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6" AND FOLDED.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED AND SILT BUILDUPS REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE, OR WHEN SILT REACHES 30% OF FENCE HEIGHT.
- FILTER CLOTH SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS P:

TENSILE STRENGTH	80 lbs/ft (min.)	TEST: ASTM D-4956
TENSILE MODULUS	20 lbs/ft (min.)	TEST: ASTM D-4956
FLOW RATE	0.5 gal/ft ² /minute (max.)	TEST: ASTM D-8141
FILTERING EFFICIENCY	70% (min.)	TEST: ASTM D-8141

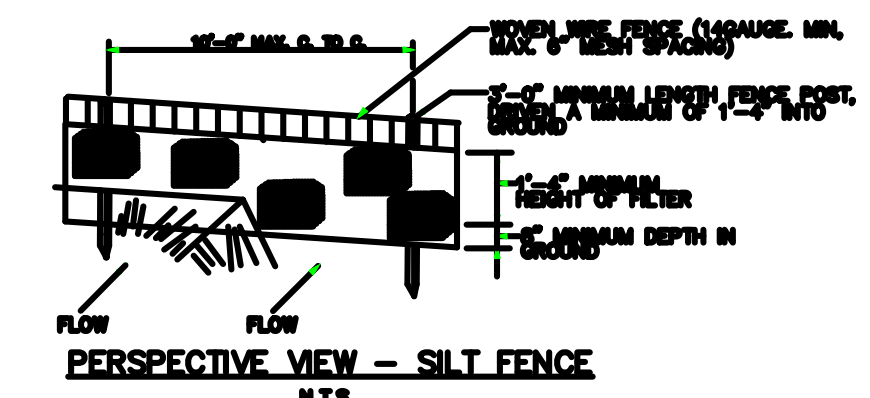
DESIGN CRITERIA FOR SUPERSILT FENCE (NATURAL RESOURCE CONSERVATION SERVICE)

SLOPE	SLOPE STEEPNESS	SLOPE LENGTH (maximum)	SILT FENCE LENGTH (maximum)
0 - 10%	0 - 10:1	UNLIMITED	UNLIMITED
10 - 20%	10:1 - 8:1	200 FEET	1,500 FEET
20 - 33%	8:1 - 3:1	100 FEET	1,000 FEET
33 - 60%	3:1 - 2:1	100 FEET	800 FEET
60% +	2:1 +	80 FEET	250 FEET

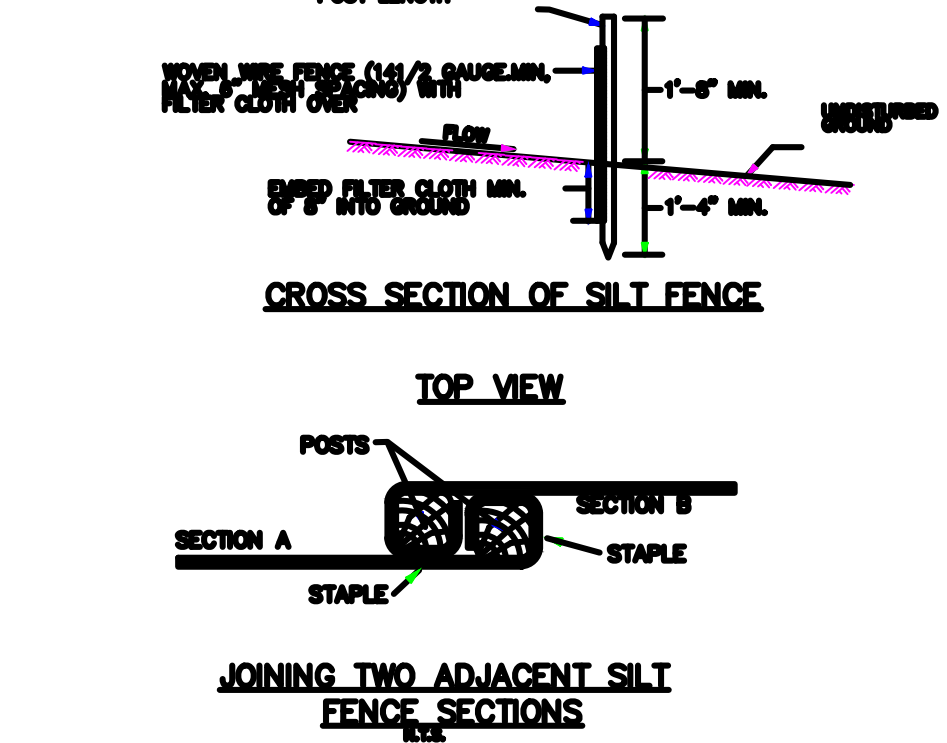


CONSTRUCTION SPECIFICATIONS FOR STABILIZED CONSTRUCTION ENTRANCE

- STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- USE OF 18" x 24" x 36" BLENDED STONE SHALL BE LIMITED TO A SINGLE ROW.
- THICKNESS - NOT LESS THAN SIX INCHES.
- WIDTH - TEN FEET MINIMUM BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE TRAFFIC OCCURS.
- FILTER CLOTH - ALL SURFACE WATER FLOWING OVER THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE FILTERED BY A FILTER CLOTH WITH 10' MINIMUM SPACING.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT THE ACCUMULATION OF DEBRIS AND OTHER MATERIALS WHICH MAY CAUSE EROSION OR DAMAGE TO THE ENTRANCE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.



CONSTRUCTION SPECIFICATIONS FOR SILT FENCE



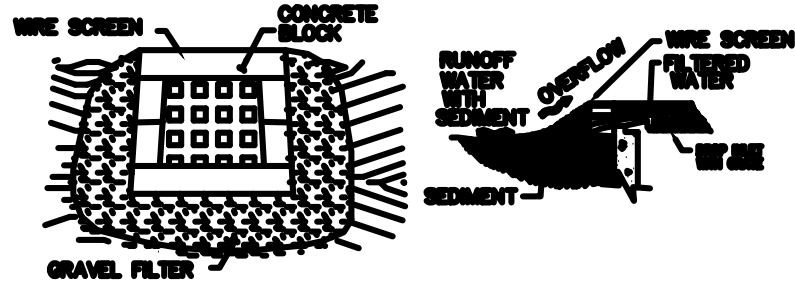
CONSTRUCTION SPECIFICATIONS FOR SILT FENCE

- FENCE POSTS SHALL BE A MINIMUM OF 30" LONG DRIVEN 16" MINIMUM INTO THE GROUND. WOOD POSTS SHALL BE 1 1/2" x 1 1/2" SQUARE (MINIMUM) CUT, OR 1 3/4" DIA. (MINIMUM) ROUND AND SHALL BE OF SOUND QUALITY HARDWOOD. STEEL POSTS WILL BE STANDARD T OR U SECTION WEIGHING NOT LESS THAN 100 POUNDS PER LINEAR FOOT.
- POSTS SHALL BE FASTENED SECURELY TO EACH FENCE POST WITH WIRE TIES OR STAPLES AT TOP AND MID SECTION AND SHALL MEET THE FOLLOWING REQUIREMENTS FOR GEOTEXTILE CLASS P:

DESIGN CRITERIA FOR SILT FENCE (NATURAL RESOURCE CONSERVATION SERVICE)

SLOPE STEEPNESS	SLOPE LENGTH (maximum)	SILT FENCE LENGTH (maximum)
FLATTER THAN 8:1	UNLIMITED	UNLIMITED
8:1 TO 10:1	125 FEET	1,000 FEET
10:1 TO 8:1	100 FEET	700 FEET
8:1 TO 3:1	80 FEET	500 FEET
3:1 TO 2:1	40 FEET	250 FEET
2:1 AND STEEPER	20 FEET	125 FEET

NOTE: IF AREAS OF LESS THAN 10% SLOPE AND SANDY SOILS OCCUR, SPECIAL DESIGNING IS NEEDED. A SILT FENCE MAY BE THE ONLY PERIMETER CONTROL REQUIRED.

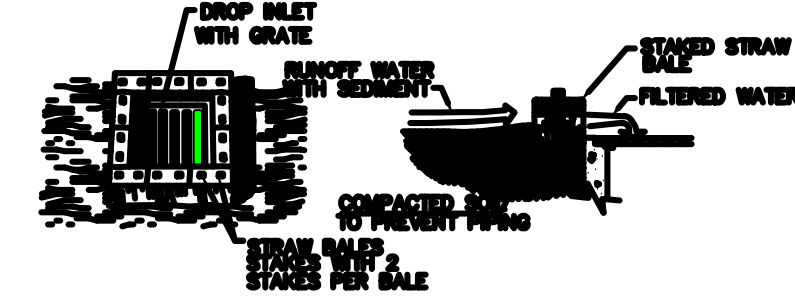


BLOCK AND GRAVEL DROP INLET SEDIMENT FILTER

NOT TO SCALE

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE FLOWING AROUND THE STRUCTURE.



STRAW BALE DROP INLET SEDIMENT FILTER

NOT TO SCALE

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINING A RELATIVELY FLAT AREA (SLOPES NOT GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS NOT EXCEEDING 400 GPD ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

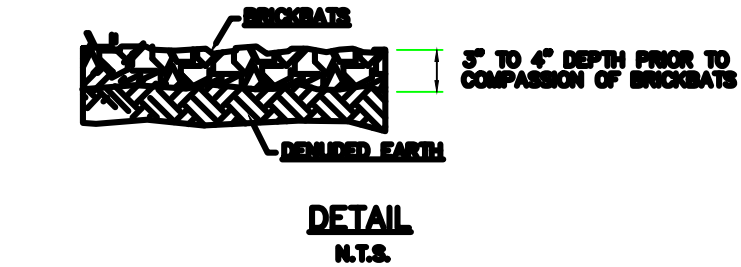
STANDARDS AND SPECIFICATIONS FOR BRICKBAT GROUND COVER

DEFINITION
TEMPORARY GROUND COVER CONSISTING OF BROKEN BRICK (1/2" PIECE OR SMALLER) PLACED OVER DENuded EARTH.

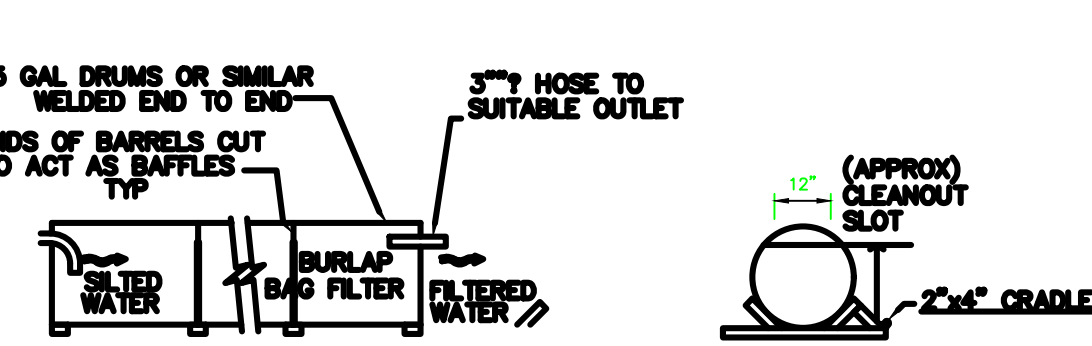
PURPOSE
BRICKBATS PROVIDE A TEMPORARY GROUND COVER OVER DENuded URBAN EARTH TO PREVENT THE TRANSPORTATION OF SEDIMENT FROM THE SITE.

CONDITIONS WHEN PRACTICE APPLIES
BRICKBATS MAY BE USED ON ANY SITE IN NEED OF TEMPORARY GROUND COVER.

DESIGN CRITERIA
THE BRICKBATS SHALL BE PLACED TO A DEPTH OF 3 INCHES TO 4 INCHES COVERING THE DENuded EARTH ON THE SITE, THEN COMPACTED AND LEVELLED.

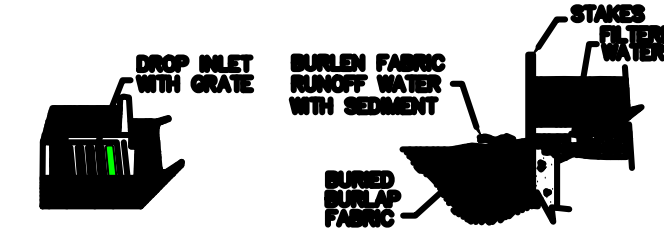


PORTABLE SEDIMENT TANK



CONSTRUCTION NOTES

- CLEAN OUT THE SEDIMENT TANK WHEN ONE THIRD (1/3) FILLED WITH SILT.
- STEEL DRUMS ARE USED AS AN EXAMPLE DUE TO THEIR READY AVAILABILITY. ANY TANKS MAY BE USED PROVIDED THAT THE VOLUME REQUIREMENTS ARE MET. ALL SEDIMENT COLLECTED IN THE TANK SHALL BE DISPOSED OF IN A SEDIMENT TRAPPING DEVICE OR AS APPROVED BY THE INSPECTOR. TANK STORAGE VOLUME REQUIRED = 16 CUBIC FOOT OF STORAGE FOR EACH GALLON PER MINUTE OF PUMP DISCHARGE CAPACITY. MULTIPLE TANKS MAY BE USED.



BURLAP DROP INLET SEDIMENT FILTER

NOT TO SCALE

SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINING A RELATIVELY FLAT AREA (SLOPES NOT GREATER THAN 5 PERCENT) WHERE SHEET OR OVERLAND FLOWS (NOT EXCEEDING 400 GPD) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

SOIL EROSION NOTES

- A SEDIMENT AND EROSION CONTROL METHOD SHALL BE INSTALLED BEFORE THE START OF ANY EXCAVATION AND/OR CONSTRUCTION AS PER STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL FOR THE DISTRICT OF COLUMBIA. IF AN ON-SITE INSPECTION REVEALS FURTHER EROSION CONTROL MEASURES ARE NECESSARY, THE SAME SHALL BE PROVIDED.
- ALL DEBRIS IS TO BE IMMEDIATELY REMOVED FROM SITE.
- STREETS/ROADWAYS SHALL BE SHEET CLEAN AT ALL TIMES DURING EXCAVATION AND CONSTRUCTION.
- ALL CATCH BASIN AND AREA DRAINS SHALL BE PROTECTED DURING ITS CLEANING.
- IF ANY CATCH BASIN OR DRAINS BECOME CLOGGED AS A RESULT OF EXCAVATION OR CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION OR CONSTRUCTION DURATION OF THE PROJECT.
- WHEN SEDIMENT TRAP HAS REACHED 67% CAPACITY, CLEAN TRAP AS REQUIRED.
- ANY STOPPING, REGARDLESS OF LOCATION SHALL BE STABILIZED AND COVERED WITH PLASTIC OR CANVAS, AFTER ITS ESTABLISHMENT AND FOR DURATION OF THE PROJECT.
- AFTER REMOVALS OR DEMOLITION, PROVIDE GROUND COVER TO PREVENT EROSION AND SEDIMENT RUNOFF FROM OCCURRING, SUCH AS SEED, SOIL, PAVE, BROOKBART OR MULCH, ETC. AS REQUIRED.

SEDIMENT CONTROL APPROVAL

PLAN NUMBER _____
THIS APPROVAL IS FOR GRADING AND SEDIMENT CONTROL ONLY. PERMITTEE/CONTRACTOR IS REQUIRED TO CONSTRUCT DESIGN FEATURES SHOWN HEREON. HE SHALL NOTIFY THE OFFICE AT NUMBER BELOW AT LEAST 24 HOURS BEFORE START OF PROJECT FOR FINAL INSPECTION.

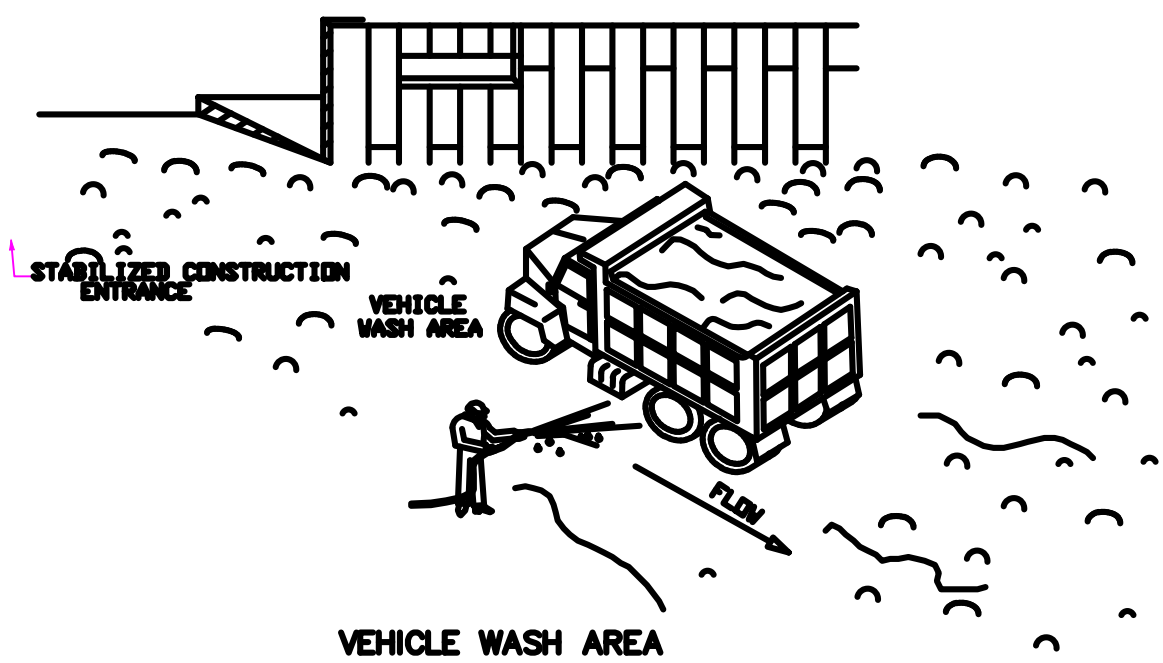
DATE _____ CONTROL NUMBER _____

EROSION AND SEDIMENT CONTROL MEASURES AND SCHEDULE

- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE PLACED PRIOR TO OR AS THE FIRST STEP IN GRADING.
- PROVIDE TEMPORARY STONE CONSTRUCTION ENTRANCE WHERE SHOWN. PROVIDE WATER SOURCE AND HOSE TO CLEAN ALL EQUIPMENT LEAVING SITE.
- INSTALL SILT FENCE AROUND PERIMETER OF SITE.
- NO DENuded AREA WILL BE DENuded FOR MORE THAN 7 CALENDAR DAYS. INSTALL THE NECESSARY TEMPORARY OR PERMANENT VEGETATIVE STABILIZATION MEASURES TO ACHIEVE ADEQUATE EROSION AND SEDIMENT CONTROL.
- ALL CONSTRUCTION TO BE INSPECTED DAILY BY THE CONTRACTOR, AND ANY DAMAGED EROSION OR EROSION CONTROL DEVICES OR MEASURES WILL BE REPAIRED AT THE CLOSE OF THE DAY.
- ALL SILT FENCE TO BE MAINTAINED IN WORKING CONDITION.
- STABILIZED CONSTRUCTION ENTRANCES TO BE PERIODICALLY SUPPLEMENTED WITH ADDITIONAL STONE AS NEEDED.
- CONTROLS WILL BE REMOVED AFTER THEIR CONTRIBUTING BASINS HAVE BEEN PERMANENTLY STABILIZED.

STANDARDS AND SPECIFICATIONS FOR DUST CONTROL

- THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE PROJECT SITE AS TO MINIMIZE THE CREATION AND DISPERSION OF DUST. DUST CONTROL SHALL BE USED THROUGHOUT THE WORK AT THE SITE.
- THE CONTRACTOR MUST PROVIDE CLEAN WATER, FREE OF SALT, OIL AND OTHER DELETERIOUS MATERIAL TO BE USED FOR ON-SITE DUST CONTROL.
- THE CONTRACTOR SHALL SUPPLY WATER SPRAYING EQUIPMENT CAPABLE OF ACCESSING ALL WORK AREAS.
- THE CONTRACTOR SHALL IMPLEMENT STRICT DUST CONTROL MEASURES DURING ACTIVE CONSTRUCTION PERIODS ON-SITE. THESE CONTROL MEASURES WILL GENERALLY CONSIST OF WATER APPLICATIONS THAT SHALL BE APPLIED A MINIMUM OF ONCE PER DAY DURING DRY WEATHER OR MORE OFTEN AS REQUIRED TO PREVENT DUST EMISSIONS.
- FOR WATER APPLICATION TO UNDENuded SOIL SURFACES, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF TANK, SPRAY BAR, PUMP WITH DISCHARGE PRESSURE GAUGE.
 - ARRANGE SPRAY BAR HEIGHT, NOZZLE SPACING AND SPRAY PATTERN TO PROVIDE COMPLETE COVERAGE OF GROUND WITH WATER.
 - DISPERSE WATER THROUGH NOZZLES ON SPRAY BAR AT 30 PSI (137.8 K PA) MINIMUM. KEEP AREAS DAMP WITHOUT CREATING NURDANCE CONDITIONS SUCH AS FOGGING.
- FOR WATER APPLICATION TO SOIL SURFACES DURING DEMOLITION AND/OR EXCAVATION, THE CONTRACTOR SHALL:
 - APPLY WATER WITH EQUIPMENT CONSISTING OF A TANK, PUMP WITH DISCHARGE GAUGE, HOSES AND MIST NOZZLES.
 - LOCATE TANK AND SPRAYING EQUIPMENT SO THAT THE ENTIRE EXCAVATION AREA CAN BE SAVED WITHOUT INTERFERING WITH DEMOLITION AND/OR EXCAVATION EQUIPMENT OR OPERATIONS. KEEP AREAS DAMP WITHOUT CREATING NURDANCE CONDITIONS SUCH AS FOGGING.
 - APPLY WATER SPRAY IN A MANNER TO PREVENT MOVEMENT OF SPRAY BEYOND THE SITE BOUNDARIES.



VEHICLE WASH AREA

DEFINITION - AN ON SITE AREA WHERE TIRES AND UNDER CARRIAGE OF A VEHICLE CAN BE WASHED.
PURPOSE - THE "VEHICLE WASH AREA" IS PROVIDED TO MINIMIZE THE QUANTITY OF SEDIMENT DEPOSITED ON PUBLIC SPACE BY VEHICLES LEAVING THE SITE.
APPLICATION WHERE PRACTICE APPLIES - THE "VEHICLE WASH AREA" WILL BE REQUIRED IN ANY SITE WHERE VEHICLES CAN ENTER INTO UNIMPROVED SURFACES.
DESIGN CRITERIA - "THE VEHICLE WASH AREA" SHALL BE PROVIDED ON SITE. THE AREA MAY BE CONSTRUCTED OF RUBBLE, OR OTHER HARD POROUS MATERIAL. A WORKING WATER HOSE MUST BE LOCATED IN THE AREA DURING ALL CONSTRUCTION ACTIVITIES.

DATE: JANUARY 3 2024

OWNER: MR. JOSE

BUILDER: OWNER

DESIGN BY: DAMAT SERVICES INC.

JORGE VALVERDE

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BUILDING ADDITION

EROSION CONTROL PLANS

A012

DAMAT Services Inc.
Jorge Valverde