

SURVEY NOTES

NORTH ORIENTATION AND COORDINATES REFER TO NAD 83.
ELEVATIONS BASED ON NAVD 1988.

PARCEL OWNER OF RECORD: DAMIAN PASQUA
758 EAST BROADWAY,
MILFORD, CT 06460

PARCEL AREA = 3,936 SQ. FT., .090 ACRES.

PARCEL IS IN THE R5 ZONING DISTRICT.

PARCEL ID: MAP 22, BLOCK 457, LOT 4, MILFORD ASSESSOR'S MAPPING.

ENTIRE SUBJECT PARCEL IS IN ZONE AE (EL. 11) FLOOD ZONE AS SHOWN ON THE FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, CONNECTICUT PANEL 529 OF 635, MAP NUMBER 09009C0529J, MAP REVISED JULY 8, 2013 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

REFERENCE MAPS:

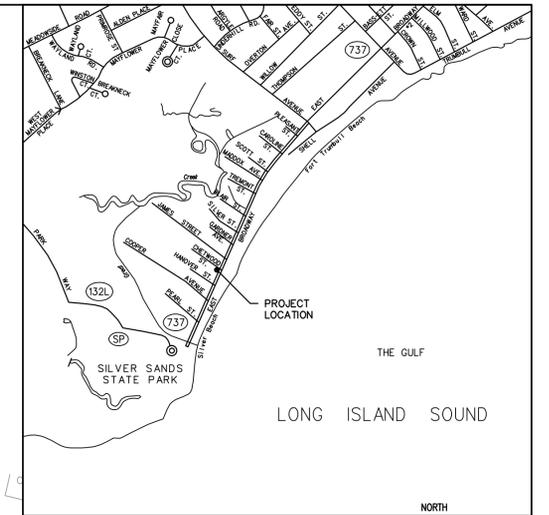
- 1) MAP OF LOTS 70-227 SILVER BEACH FOR SALE BY GEORGE E. HASKINS, MILFORD, CONN. SCALE 1"=50'. DATE JUNE 29, 1910. PREPARED BY V.B. CLARKE.
- 2) MODIFIED SUBDIVISION CIUFFO ESTATES #23 CHETWOOD STREET MILFORD, CONNECTICUT. SCALE 1"=20'. DATE JUNE 28, 1994. PREPARED BY RONALD W. WASSMER.
- 3) MAP OF SHORE PROPERTY, MILFORD, CONN. FOR SALE BY ERNEST L. NETTLETON. SCALE 1"=100'. DATE JULY 13, 1908.
- 4) MAP OF PROPERTY--LOT 192 "MAP OF LOTS 70-227 SILVER BEACH" PREPARED FOR BETTY COOPER 16 CHETWOOD STREET MILFORD, CONNECTICUT. SCALE 1"=10'. DATE OCTOBER 11, 2013. PREPARED BY NOWAKOWSKI-O'BRYMCHOW-KANE, ASSOCIATES.

SITE LAYOUT ACCEPTANCE

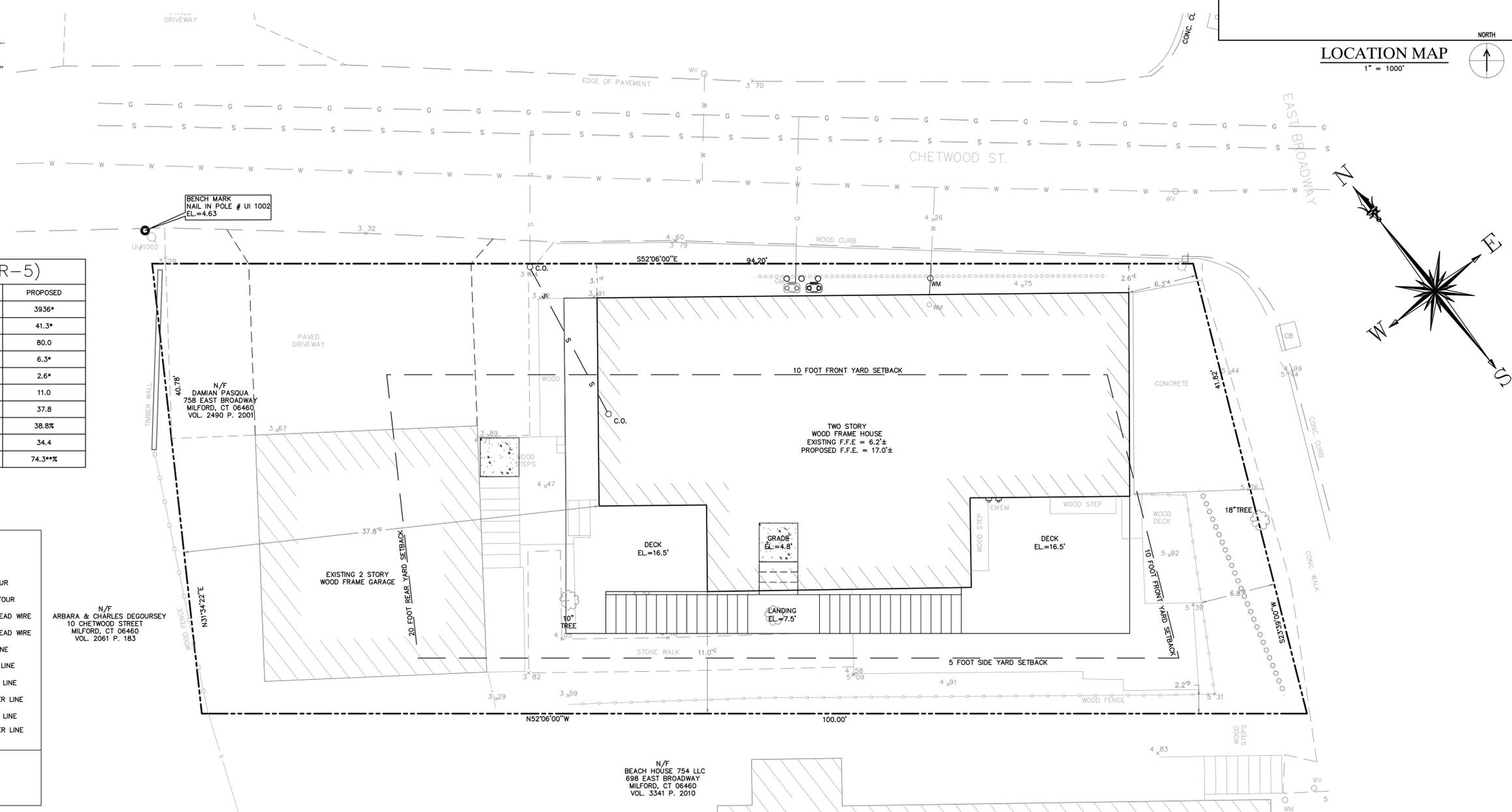
PLEASE INDICATE YOUR APPROVAL OF THE PROPOSED SITE LAYOUT DEPICTED ON THIS PLAN WITH YOUR SIGNATURE BELOW:

SIGNATURE: _____ DATE: _____
PRINT: _____

THE PROPOSED SITE PLAN IS SUBJECT TO APPROVAL BY THE CONNECTICUT DEPARTMENT OF HOUSING. PLAN MAY ALSO BE ALTERED FOR LOCAL PERMITTING APPROVAL AND IS SUBJECT TO COMPETITIVE BID POTENTIALLY REQUIRING CHANGES TO MEET PROJECT CONSTRUCTION BUDGET.



LOCATION MAP
1" = 1000'



ZONING REGULATIONS (R-5)

	REQUIRED	EXISTING	PROPOSED
LOT AREA (SQ.FT.)	5,000	3936*	3936*
MIN. LOT WIDTH (FT.)	50	41.3*	41.3*
MIN. LOT DEPTH (FT.)	70	80.0	80.0
MIN. FRONT YARD (FT.)	10	6.3*	6.3*
MIN. FRONT YARD (FT.) (CORNER LOT)	10	2.6*	2.6*
MIN. SIDE YARD (FT.) (CORNER LOT)	5	11.0	11.0
MIN. REAR YARD (FT.)	20	37.8	37.8
MAX BLDG. COVERAGE	45%	38.8%	38.8%
MAX. BLDG. HGT. (FT.)	35	23.5	34.4
LOT COVERAGE	65%	74.3**	74.3**

SYMBOLS LEGEND

POLE #XXXX	EXISTING UTILITY POLE	---	PROPERTY LINE
○WV	EXISTING WATER VALVE	---	EASEMENT LINE
○WM	EXISTING WATER METER	---	EXISTING CONTOUR
□GM	EXISTING GAS METER	---	PROPOSED CONTOUR
□EM	EXISTING ELECTRIC METER	OH	EXISTING OVERHEAD WIRE
□CB	EXISTING CATCH BASIN	OH	EXISTING OVERHEAD WIRE
○WM	PROPOSED WATER METER	G	EXISTING GAS LINE
○G	PROPOSED GAS METER	G	PROPOSED GAS LINE
□EM	PROPOSED ELECTRIC METER	S	EXISTING SEWER LINE
2x.97	EXISTING SPOT GRADE	S	PROPOSED SEWER LINE
3x.0	PROPOSED SPOT GRADE	W	EXISTING WATER LINE
△#	WETLAND FLAG LABEL	W	PROPOSED WATER LINE
---	LIMIT OF WETLANDS	###	SOIL TYPE LABEL

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1084 Cromwell Avenue, Suite A-2
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Telephone: (860) 436-4364
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PROJECT 5061
758 EAST BROADWAY
MILFORD, CONNECTICUT 06460

ISSUED FOR BID
NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS	BY	CHK	APPV
2	9/14/2017	ISSUED FOR BIDDING		MBR	MBR
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR

DRAWN: KNL CHECKED: MBR APPROVED: REC SCALE: 1" = 5' DATE:

IMPROVEMENT LOCATION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	C-1.0

GENERAL NOTES

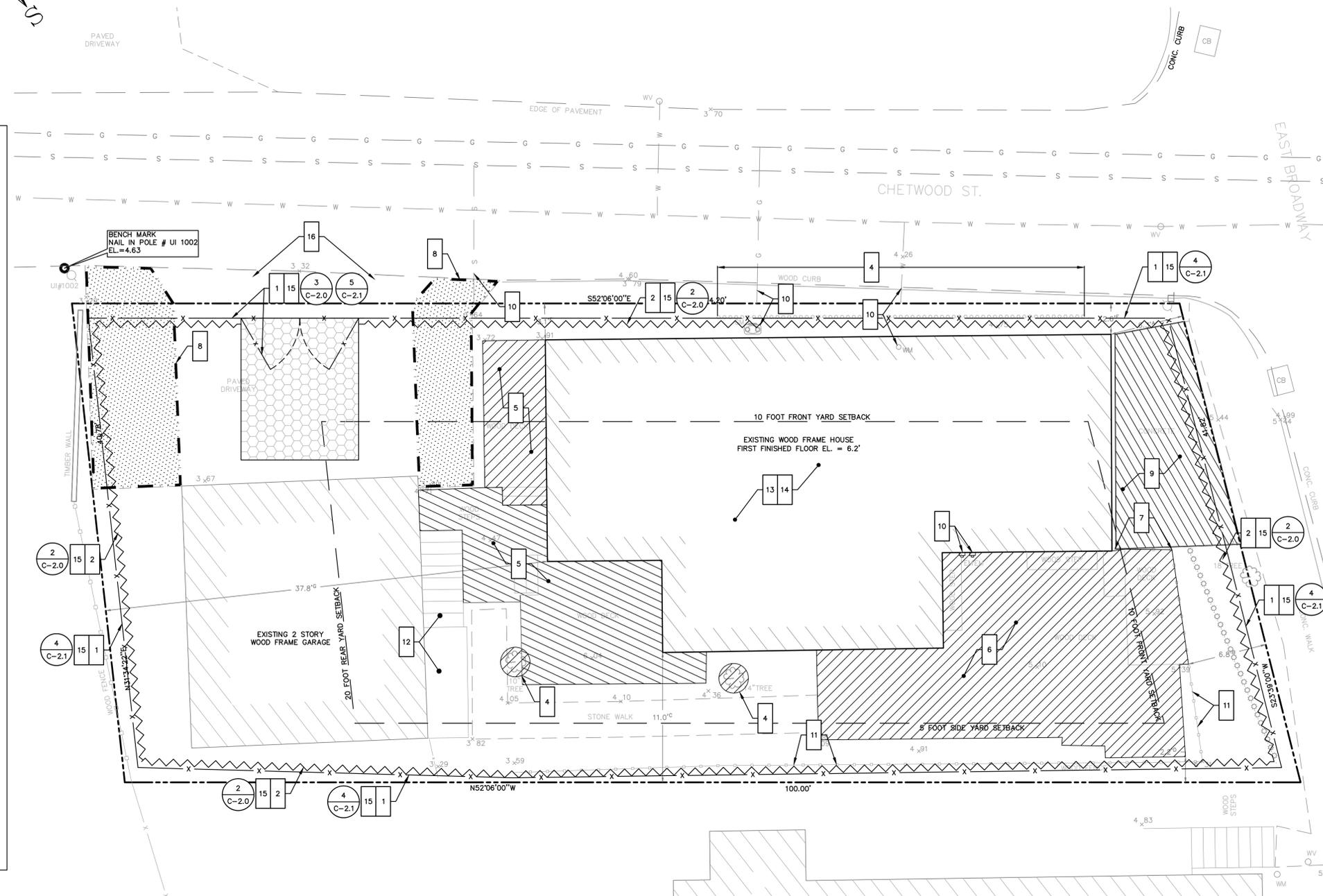
1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE CONTRACTOR AT A MINIMUM SHALL MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AS DIRECTED, AS NECESSARY, AND IN ACCORDANCE WITH CONTRACT REQUIREMENTS, AND SHALL CHECK ALL SYSTEMS ON A DAILY BASIS TO ENSURE THE PREVENTION OF SEDIMENT TRANSPORT AND THE CONTROL OF EROSION.
6. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
7. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
8. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION NOTES

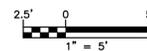
1. INSTALL 8' HIGH CHAIN LINK FENCING AS SHOWN ON PLAN AND PROVIDE SECURE AND SAFE SITE; INSTALL 10' WIDE DOUBLE LEAF GATE AT FRONT OF DRIVEWAY. INSTALL CONSTRUCTION ENTRANCE ON TRACK PAD ONSITE AND MAINTAIN FOR DURATION OF PROJECT.
2. INSTALL SILTATION FENCE AS SHOWN ON PLAN. MAINTAIN SYSTEM FOR DURATION OF PROJECT.
3. DO NOT STOCKPILE SOIL ONSITE. CHARACTERIZE, REMOVE, AND DISPOSE OFFSITE EXCAVATION SURPLUS SOIL.
4. REMOVE SHRUBS IN LANDSCAPED AREA AT NORTHWEST SIDE OF HOUSE AS NECESSARY; REMOVE TREE SHOWN ON PLAN. PROTECT OTHER EXISTING TREES AND SHRUBS ONSITE FROM CONSTRUCTION ACTIVITIES.
5. DEMOLISH AND REMOVE OFFSITE DECK AT NORTHWEST (REAR) SIDE OF HOUSE AS SHOWN ON PLAN; MAINTAIN STAIRS TO EXISTING GARAGE SECOND FLOOR.
6. DEMOLISH AND REMOVE OFFSITE DECK AND LANDING AT SOUTHEAST (FRONT) SIDE OF HOUSE AS SHOWN ON PLAN.
7. REMOVE AND RESET WOOD FENCE GATE AT FRONT OF HOUSE AND POSTS AS REQUIRED FOR CONSTRUCTION WORK.
8. SAWCUT EDGES AND DEMOLISH AND REMOVE OFFSITE AREA OF BITUMINOUS CONCRETE AND SUBBASE MATERIAL AS SHOWN ON PLAN.
9. DEMOLISH AND REMOVE OFFSITE CONCRETE PATIO AT SOUTHEAST CORNER OF HOUSE TO PROPERTY LINE.
10. COORDINATE UTILITY DISCONNECTS, INCLUDING WATER, ELECTRIC, GAS, SEWER, AND TELECOMMUNICATIONS; SEE SHEET C-1.2.
11. DO NOT DISTURB FENCING ONSITE; PROTECT AND MAINTAIN DAMAGE FROM CONSTRUCTION ACTIVITIES FOR PROJECT DURATION.
12. PROTECT STAIRS TO GARAGE; REPLACE IN KIND IF DAMAGED BY CONSTRUCTION.
13. SUPPORT HOUSE AND LIFT TO PROPOSED ELEVATION.
14. DEMOLISH EXISTING FOUNDATION INCLUDING ALL SUBSURFACE ELEMENTS, FRONT, AND REAR STEPS; REMOVE OFF SITE.
15. REMOVE TEMPORARY FENCING UPON COMPLETION OF CONSTRUCTION, AND REMOVE EROSION AND SEDIMENTATION CONTROLS AFTER STABILIZATION IS COMPLETE.
16. PROTECT DRIVEWAY APRON; REPLACE IN KIND IF DAMAGED BY CONSTRUCTION.

LEGEND

- 1 WORK NOTE
- # C-2.X DETAIL REFERENCE
= DETAIL NUMBER
X = DETAIL SHEET NUMBER
- LIMIT OF WORK
- SITE FEATURE TO BE DEMOLISHED
- BITUMINOUS CONCRETE TO BE DEMOLISHED
- LIMIT OF EXISTING HOUSE
- SILT FENCE
- CHAIN LINK FENCE
- EDGE OF EXISTING PAVEMENT
- EDGE OF EXISTING DRIVEWAY
- EXISTING MAILBOX
- OH EXISTING OVERHEAD LINE
- POLE #XXXX EXISTING UTILITY POLE
- DEM EXISTING ELECTRIC METER
- GM EXISTING GAS METER
- WV EXISTING WATER VALVE
- WM EXISTING WATER METER
- CB EXISTING CATCH BASIN
- 3 EXISTING CONTOUR WITH ELEVATION LABEL
- 2x.97 EXISTING SPOT GRADE
- PROPERTY LINE
- EASEMENT LINE
- G EXISTING GAS LINE
- S EXISTING SEWER LINE
- W EXISTING WATER LINE
- X EXISTING CHAINLINK FENCE
- EXISTING WOOD FENCE



REFERENCE MAP:
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOT AT 700 EAST BROADWAY, MILFORD, CONNECTICUT; DATE: xx-xx-2016; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC



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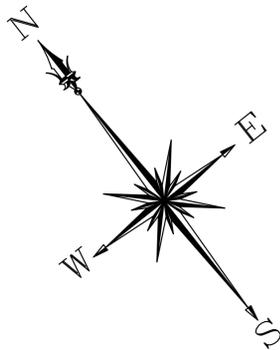
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DRAWN: KNL			CHECKED: MBR	APPROVED: REC	SCALE: 1" = 5'
				DATE:	

DEMOLITION, SEDIMENT AND EROSION CONTROL PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	C-1.1



GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, TO MCA'S APPROVAL.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

GENERAL NOTES

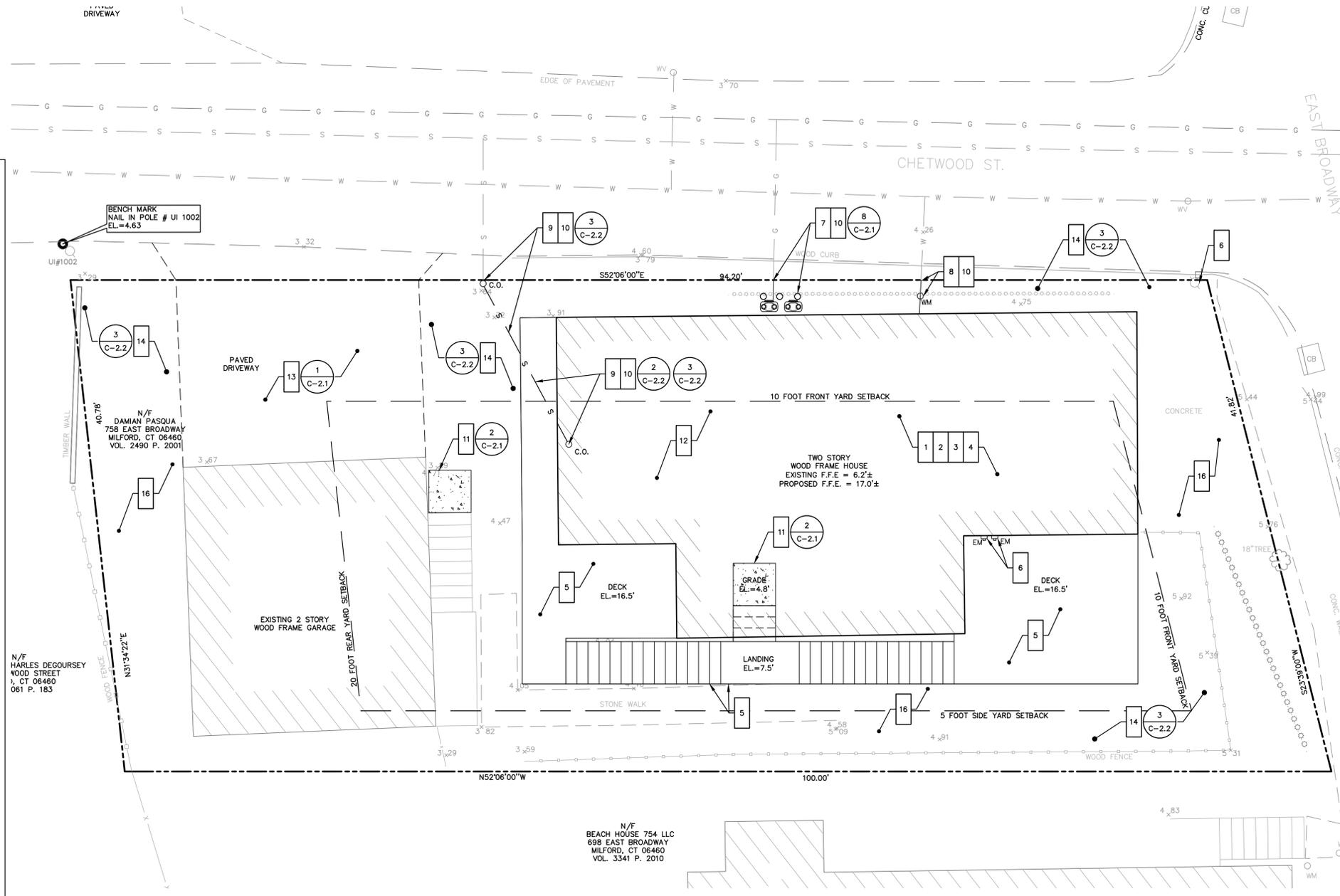
- 1 SUPPORT HOUSE; LIFT TO PROPOSED ELEVATION
- 2 INSTALL NEW FOUNDATION UPON COMPLETION OF FOUNDATION DEMOLITION; SEE STRUCTURAL DRAWINGS
- 3 INSTALL FIRST FLOOR FRAMING AND SUPPORTS; SEE STRUCTURAL DRAWINGS
- 4 LOWER HOUSE ONTO SUPPORTS AT PROPOSED ELEVATIONS, AS SHOWN ON STRUCTURAL DRAWINGS
- 5 FURNISH AND INSTALL NEW DECK AND STAIRS AT PROPOSED ELEVATIONS
- 6 COORDINATE CONNECTION OF OVERHEAD ELECTRICAL SERVICE TO SERVICE MAST AT FRONT OF HOUSE; COORDINATE INSTALLATION OF NEW ELECTRICAL METER WITH UTILITY PROVIDER IN APPROVED LOCATION ABOVE 100-YEAR FEMA BASE FLOOD ELEVATION
- 7 COORDINATE FOR AND FURNISH AND INSTALL ALL MATERIALS FOR NEW GAS SERVICE LINE TO HOUSE FROM PROPERTY LINE; COORDINATE INSTALLATION OF GAS METER WITH UTILITY PROVIDER; INSTALL TWO BOLLARDS IN FRONT OF GAS METER AS SHOWN ON PLAN. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE ADJACENT TO GAS METER.
- 8 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW DOMESTIC WATER SERVICE FROM PROPERTY LINE TO BUILDING. EXTEND SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE AT NEW STRUCTURAL COLUMN FOR WATER LINE.
- 9 COORDINATE FOR AND FURNISH AND INSTALL ALL REQUIRED MATERIALS FOR NEW SANITARY SEWER LATERAL FROM PROPERTY LINE TO BUILDING. EXTEND SERVICE TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT PER CONTRACT SPECIFICATIONS. FURNISH AND INSTALL ALL MATERIALS FOR UTILITY CHASE AT NEW STRUCTURAL COLUMN FOR SANITARY SEWER LATERAL.
- 10 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 11 FURNISH AND INSTALL MATERIALS FOR NEW CONCRETE PADS AT STAIR BOTTOM
- 12 FURNISH AND INSTALL 12 INCH THICK LAYER OF 3/4" STONE BENEATH HOUSE, DECK, AND STAIRS. TOP OF GRAVEL LAYER TO BE AT EXISTING AVERAGE GRADE
- 13 FURNISH AND INSTALL ALL MATERIALS FOR REPAIR OF BITUMINOUS DRIVEWAYS AS SHOWN ON PLAN AND CONCRETE PADS AT STAIR LANDINGS.
- 14 FURNISH AND INSTALL ALL MATERIALS TO LOAM AND SEED AREAS PREVIOUSLY COVERED BY WALKWAYS OR DRIVEWAY NOT COVERED BY NEW DRIVEWAY, AS WELL AS ANY BARE AREAS
- 15 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 16 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER

BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HITL FS-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

LEGEND

- 1 WORK NOTE
- LIMIT OF WORK
- # C-2.X DETAIL REFERENCE
= DETAIL NUMBER
X = DETAIL SHEET NUMBER
- EDGE OF EXISTING DRIVEWAY
- EDGE OF EXISTING PAVEMENT
- LIMIT OF ELEVATED STRUCTURE
- EXISTING MAILBOX
- OH EXISTING OVERHEAD LINE
- OH PROPOSED OVERHEAD LINE
- POLE #XXXX EXISTING UTILITY POLE
- DEM PROPOSED ELECTRIC METER
- GAS PROPOSED GAS METER
- WV EXISTING WATER VALVE
- WM EXISTING WATER METER
- CB EXISTING CATCH BASIN
- WM PROPOSED WATER METER
- C.O. PROPOSED SANITARY CLEANOUT
- R.L. PROPOSED ROOF LEADER
- 3 EXISTING CONTOUR
- 3 PROPOSED CONTOUR
- 2.97 EXISTING SPOT GRADE
- 2.8 PROPOSED SPOT GRADE
- PROPERTY LINE
- EASEMENT LINE
- g EXISTING GAS LINE
- g PROPOSED GAS LINE
- s EXISTING SEWER LINE
- s PROPOSED SEWER LINE
- w EXISTING WATER LINE
- w PROPOSED WATER LINE
- WETLAND FLAG LABEL
- LIMIT OF WETLANDS
- ### SOIL TYPE LABEL



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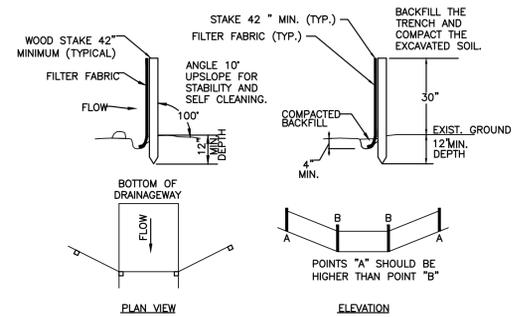
DRAWN: KNL CHECKED: MBR APPROVED: REC SCALE: 1" = 5' DATE:

SITE PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	C-1.2

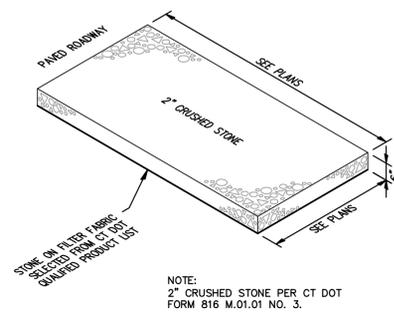
SEEDING SCHEDULE				
PERMANENT SEEDING				
PERMANENT SEEDING SHALL BE ACCOMPLISHED WITH ONE OF THE FOLLOWING SEEDING MIXTURES:				
KIND OF AREA: LAWNS AND HIGH MAINTENANCE AREAS				
SEED MIXTURE	LBS./ACRE	LBS./1,000 SQ.FT.		
KENTUCKY BLUEGRASS	20	0.45		
CREeping RED FESCUE	20	0.45		
PERENNIAL RYEGRASS	5	0.1		
TOTAL	45	1.0		
TEMPORARY SEEDING RATES AND DATES				
SEED MIXTURE	LBS./ACRE	LBS./1,000 SQ.FT.	DATE (1)(3)	DEPTH (2)
ANNUAL RYEGRASS	40	1.0	8/1-10/1	0.5 INCHES
			3/1-6/15	
SEEDING NOTES: (1) MAY BE PLANTED THROUGHOUT SUMMER IF SOIL IS ADEQUATE OR CAN BE IRRIGATED. (2) SEED AT TWICE THE INDICATED DEPTH FOR SANDY SOILS. SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CT				
ORGANIC MULCH MATERIALS AND APPLICATION RATES				
MULCHES	PER ACRE	PER 1,000 SQ.FT.	NOTES	
STRAW OR HAY	1/2-2 TONS	70-90 LBS	FREE FROM MATTER AND COARSE MATTER. MUST BE ANCHORED. SPREAD WITH MULCH BLOWER OR BY HAND.	

1 TYPICAL SEEDING SCHEDULE
C-2.0 N.T.S.



- A) MINIMUM LENGTH OF SILT FENCE IS 15 L.F.
- B) MAXIMUM POST SPACING IS 10 L.F.
- C) JOINTS ONLY AT SUPPORT POST WITH MINIMUM 6" OVERLAP, SECURELY SEALED.
- D) SEDIMENTATION DEPOSITS SHALL BE REMOVED WHEN THEY REACH 1/2 THE HEIGHT OF THE SILT FENCE.
- E) SILT FENCE SHALL NOT BE USED IN A WATER COURSE.
- F) UPON ESTABLISHMENT OF GROUND COVER ON DISTURBED AREAS, AND WHEN DIRECTED BY THE ENGINEER, FENCE WILL BE REMOVED AND ANY SEDIMENTATION WILL BE THINLY SPREAD UPON EXISTING GROUND COVER.

2 TYPICAL SILTATION FENCE
C-2.0 N.T.S.



3 TYPICAL CONSTRUCTION TRACKPAD
C-2.0 N.T.S.

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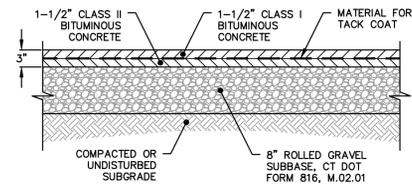
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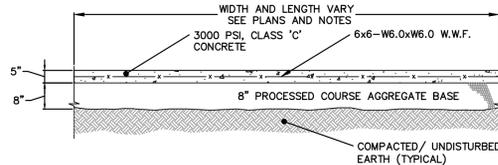
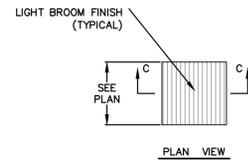
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SOIL EROSION AND
SEDIMENT CONTROL DETAILS

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33-262-5061	33-262-5061-BASEMAP.dwg	C-2.0

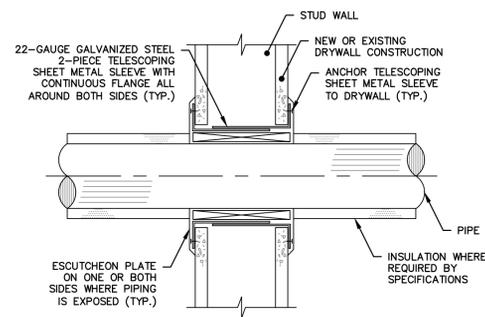


1 TYPICAL BITUMINOUS DRIVEWAY
C-2.1 N.T.S.

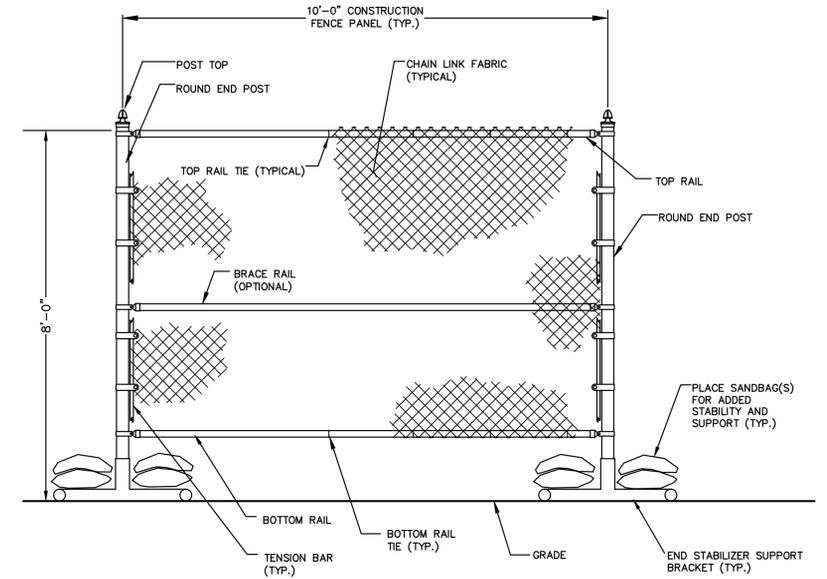


2 TYPICAL CONCRETE STAIR LANDING
C-2.1 N.T.S.

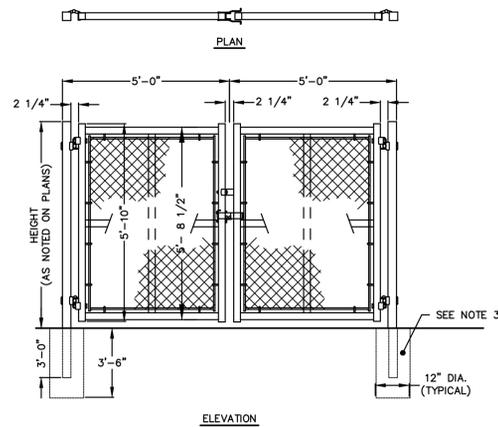
- NOTES:
1. MATERIALS, METHODS OF INSTALLATION, CURING, TESTING, SHALL CONFORM TO "STATE OF CT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM 816 OR CURRENT SPECIFICATION FOR SUCH WORK.
 2. ANY WALKING SURFACE SHALL BE LIGHTLY BROOMED PERPENDICULAR TO THE TRAVEL WAY.
 3. WIRE MESH SHALL BE PLACED 2 1/2" BELOW THE SIDEWALK SURFACE. MATERIAL SHALL BE 6"x6" - W6.0xW6.0 AND IN ACCORDANCE WITH ASTM 185 (AASHTO M55) AS SHOWN ON THE PLANS OR AS DIRECTED. WIRE MESH TO BE USED IN ALL SIDEWALK APPLICATIONS.



3 TYPICAL WALL/FLOOR PENETRATION
C-2.1 N.T.S.

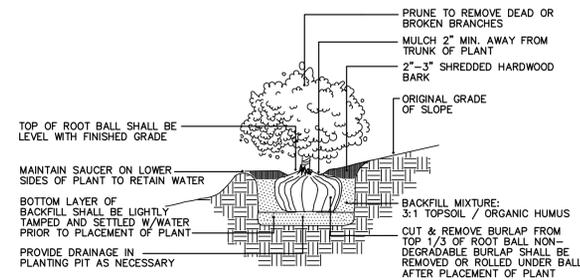


4 TYPICAL PORTABLE CONSTRUCTION CHAIN LINK FENCE
C-2.1 N.T.S.

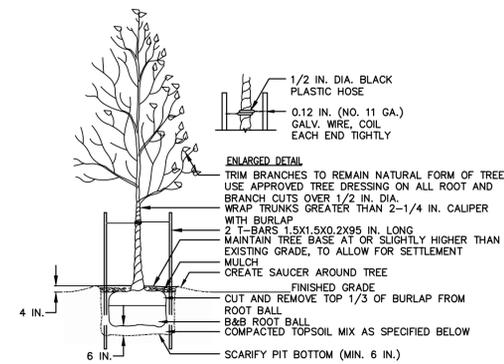


- NOTES:
1. GATES SHOULD OPEN TOWARD SITE, AWAY FROM STREET.
 2. GATES SHALL HAVE LOCKING MECHANISM THAT CAN BE PADLOCKED.
 3. METAL TRIPODS MAY BE USED FOR BOTTOM SUPPORTS INSTEAD OF MOUNTING INTO THE GROUND.
 4. MATERIALS, METHODS OF INSTALLATION SHALL BE CONFORM TO "STATE OF CT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FORM 816 M.10.05" OR CURRENT SPECIFICATION FOR SUCH WORK.

5 TYPICAL DOUBLE LEAF CHAIN LINK FENCE GATE
C-2.1 N.T.S.

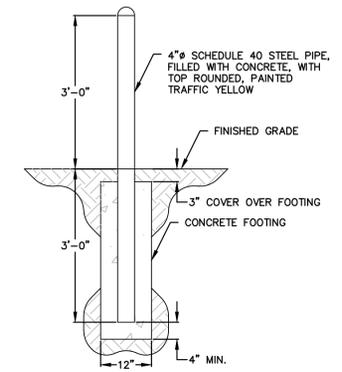


6 TYPICAL SHRUB
C-2.1 N.T.S.



- NOTES:
1. TOPSOIL MIX, SEE SPEC.
 2. DO NOT DAMAGE MAIN ROOTS OR DESTROY ROOT BALL WHEN INSTALLING TREE STAKE.
 3. WATER THOROUGHLY AFTER INSTALLATION.
 4. REMOVE TREE RINGS AND STAKES TWO YEARS AFTER INSTALLATION.
 5. PROVIDE DRAINAGE FOR PLANTING PIT IN IMPERMEABLE SOIL.
 6. ALL TREES MUST BE TAGGED AND APPROVED BY CONSULTANT WITHIN 14 DAYS AFTER TENDER CLOSING.

7 TYPICAL DECIDUOUS TREE
C-2.1 N.T.S.



8 TYPICAL BOLLARD
C-2.1 N.T.S.

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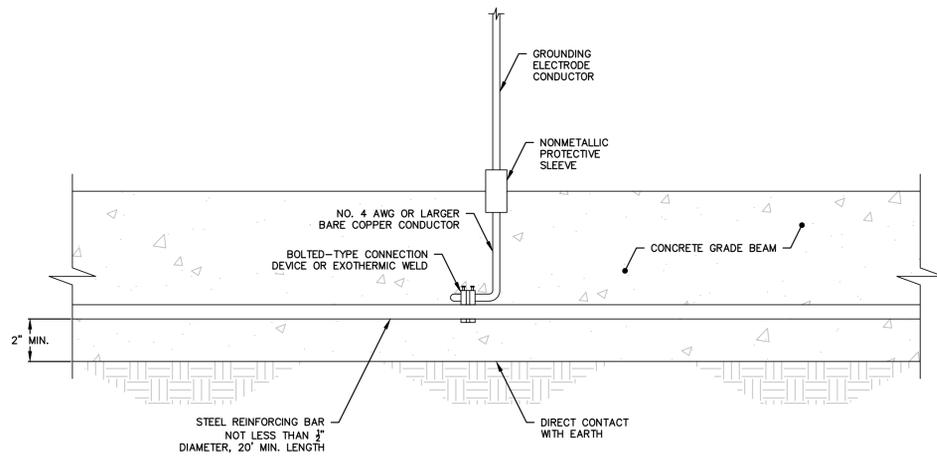
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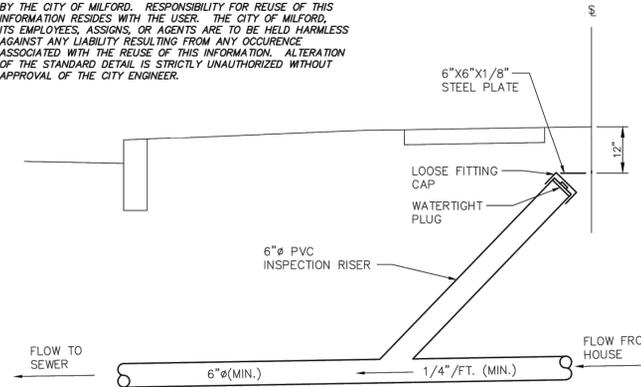
SITE DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	C-2.1



1 CONCRETE-ENCASED ELECTRODE
C-2.2 N.T.S.

INFORMATION SHOWN ON THIS DETAIL WAS PREPARED FOR USE BY THE CITY OF MILFORD. RESPONSIBILITY FOR REUSE OF THIS INFORMATION RESIDES WITH THE USER. THE CITY OF MILFORD, ITS EMPLOYEES, AGENTS, OR AGENTS ARE TO BE HELD HARMLESS AGAINST ANY LIABILITY RESULTING FROM ANY OCCURRENCE ASSOCIATED WITH THE REUSE OF THIS INFORMATION. ALTERATION OF THE STANDARD DETAIL IS STRICTLY UNAUTHORIZED WITHOUT APPROVAL OF THE CITY ENGINEER.

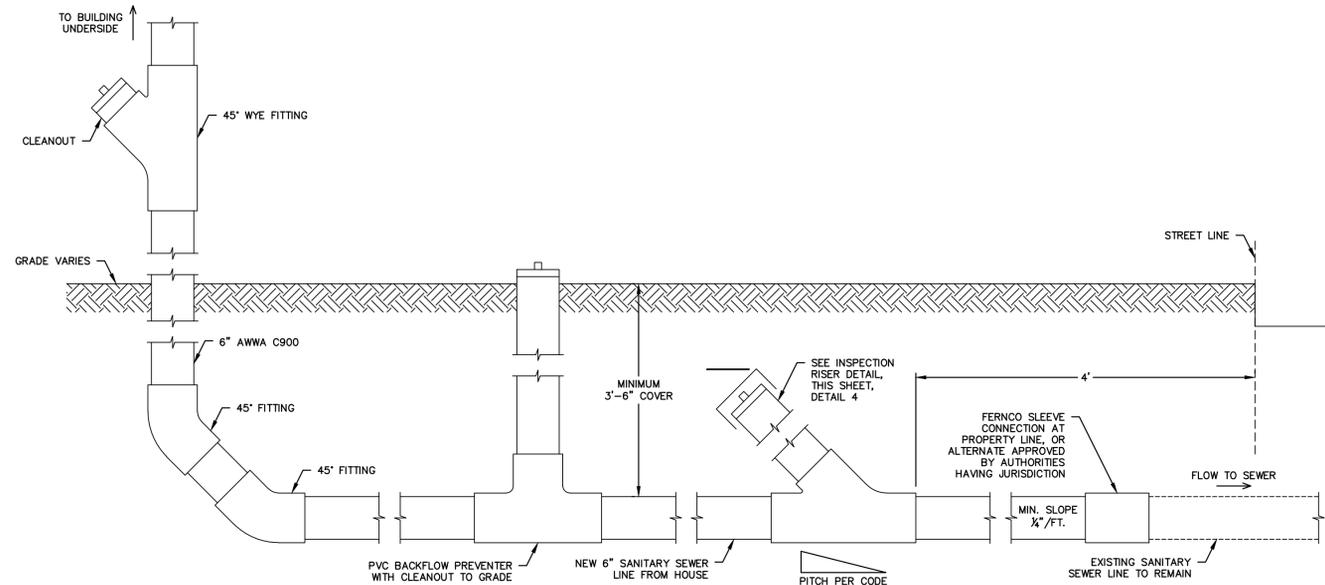


2 INSPECTION RISER
C-2.2 N.T.S.

A CONDITION OF ALL SEWER PERMITS FOR INSTALLING RESIDENTIAL SEWER CONNECTIONS IS THE REQUIREMENT TO FURNISH AND INSTALL A SEWER INSPECTION RISER IN THAT AREA OF THE STREET RIGHT-OF-WAY BETWEEN THE CURB AND THE STREETLINE (FRONT PROPERTY LINE). THE INSPECTION RISER IS TO CONSIST OF A 45° WYE FITTING INSTALLED ON THE HOUSE CONNECTION SEWER APPROXIMATELY 4 FEET BEHIND THE STANDARD CURB LOCATION*. A 6" PVC INSPECTION RISER PIPE IS TO BE INSTALLED TO WITHIN 12" OF THE FINISHED GROUND SURFACE AND FITTED WITH A WATERTIGHT PLUG. A 6"x6"x1/8" STEEL PLATE IS TO BE PLACED ABOVE THE END OF THE INSPECTION RISER WHEN BACKFILLING THE AREA TO GRADE TO ASSIST WITH FUTURE RECOVERY OF THE INSPECTION RISER BY MEANS OF A MAGNETIC DETECTOR.

*IN A SEWER EASEMENT THE INSPECTION RISER IS TO BE AT THE EDGE OF THE EASEMENT.

*IN LOCATIONS WHERE AN EXISTING LATERAL EXTENDS TO THE STREET LINE, THE "Y" CONNECTION SHALL BE PLACED AS CLOSE TO THE STREET LINE AS POSSIBLE, WITH THE INSPECTION RISER EXTENDING TO WITHIN 12" OF GRADE AND LOCATED ON PRIVATE PROPERTY.



3 SANITARY DRAIN SCHEMATIC
C-2.2 1" = 1'-0"

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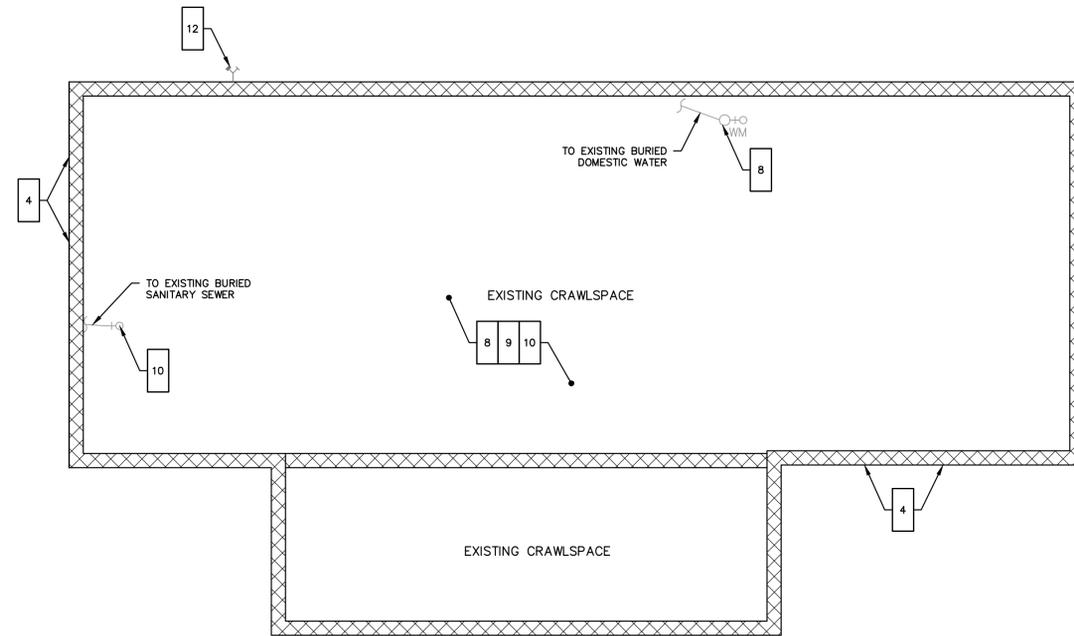
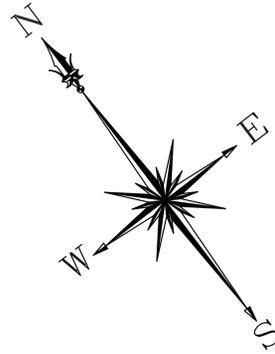
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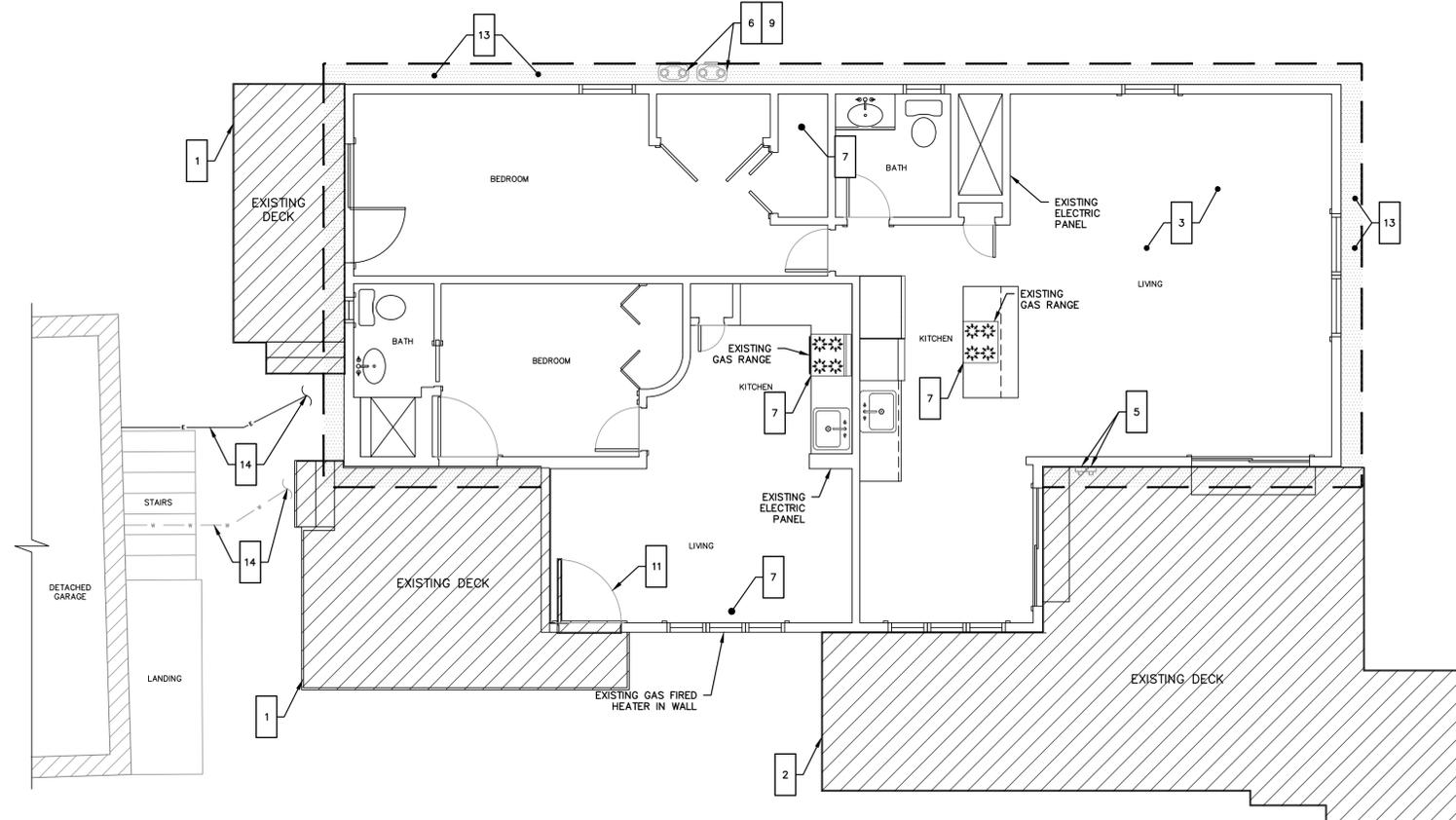
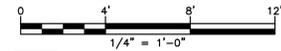
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BUILDING UTILITY DETAILS

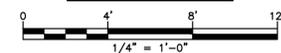
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33-262-5061	33-262-5061-BASEMAP.dwg	C-2.2



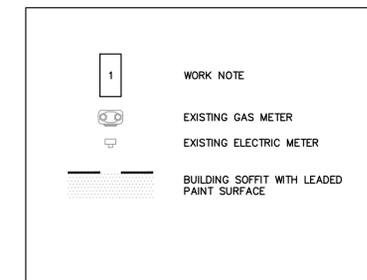
CRAWLSPACE LEVEL



FIRST FLOOR



LEGEND



GENERAL NOTES

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2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

WORK NOTES

1. DEMOLISH AND REMOVE OFFSITE DECKS AT NORTHEAST (REAR) SIDE OF HOUSE AS SHOWN ON PLAN; MAINTAIN STAIRS TO EXISTING GARAGE SECOND FLOOR.
2. DEMOLISH AND REMOVE OFFSITE DECK AND LANDING AT SOUTHEAST (FRONT) AND SOUTHWEST (RIGHT) SIDES OF HOUSE AS SHOWN ON PLAN.
3. SUPPORT HOUSE AND LIFT TO PROPOSED ELEVATION
4. DEMOLISH, REMOVE, AND DISPOSE OFFSITE ENTIRE BUILDING FOUNDATION, FOOTING BELOW GRADE, INTERMEDIATE PIERS, AND OTHER SUPPORTS, WHETHER SHOWN ON DRAWING OR NOT.
5. DEMOLISH, REMOVE, AND DISPOSE OFFSITE ELECTRIC SERVICE MAST. REMOVE AND RESET ELECTRIC METER, DISCONNECT, AND EQUIPMENT FOR REINSTALLATION ON NEW STRUCTURAL COLUMN
6. SALVAGE GAS METER FOR REINSTALLATION OR REMOVE OFFSITE AND DISPOSE AS REQUIRED BY UTILITY PROVIDER.
7. EXISTING MECHANICAL AND PLUMBING EQUIPMENT; DISCONNECT, TEMPORARILY RELOCATE, AND REINSTALL AS REQUIRED FOR PROJECT WORK. PROTECT ALL EQUIPMENT FOR PROJECT DURATION; REPLACE EQUIPMENT NOT ABLE TO BE REINSTALLED OR DAMAGED BY CONTRACTOR WORK OPERATIONS
8. REMOVE AND DISPOSE EXISTING DOMESTIC WATER PIPING TO FLOOR PENETRATIONS AT UNDERSIDE OF FIRST FLOOR;
9. REMOVE AND DISPOSE EXISTING NATURAL GAS PIPING TO PENETRATIONS AT UNDERSIDE OF FIRST FLOOR
10. REMOVE AND DISPOSE EXISTING SANITARY DRAIN PIPING TO PENETRATIONS AT UNDERSIDE OF FIRST FLOOR
11. REMOVE DOOR, TRIM CASING, AND STORM DOOR; CLOSE OPENING FOR EXISTING EXTERIOR DOOR TO THE LIVING ROOM ON THE SIDE OF THE FIRST FLOOR WHERE SHOWN ON PLAN; PROTECT BUILDING ENVELOPE UNTIL PERMANANT PATCH IS COMPLETED
12. REMOVE EXISTING WALL HYDRANT AND PLUMBING BACK TO SOURCE AND CAP; PATCH SIDING TO MATCH ADJACENT CONDITIONS AND FILL WALL PENETRATION
13. EXISTING BUILDING SOFFIT AT FIRST FLOOR WITH NON-INTACT LEADED PAINT SURFACE; ESTABLISH LEAD SAFE WORK AREA, STABILIZE PAINT. RIGID ENCLOSE SOFFIT WITH NEW FASCIA BOARD AND SOLID SOFFIT. REPLACE ROOFING DRIP EDGE, COMPLETE ALL LEAD PAINT REMEDIATION FOR PER SPECIFICATION SECTION 02 83 19.
14. EXISTING DOMESTIC WATER AND ELECTRIC CONNECTION TO DETACHED GARAGE; FIELD VERIFY LOCATION OF CONNECTION TO HOUSE AND CAP UTILITY LINE BETWEEN HOUSE AND GARAGE FOR RECONNECTION AFTER HOME ELEVATION

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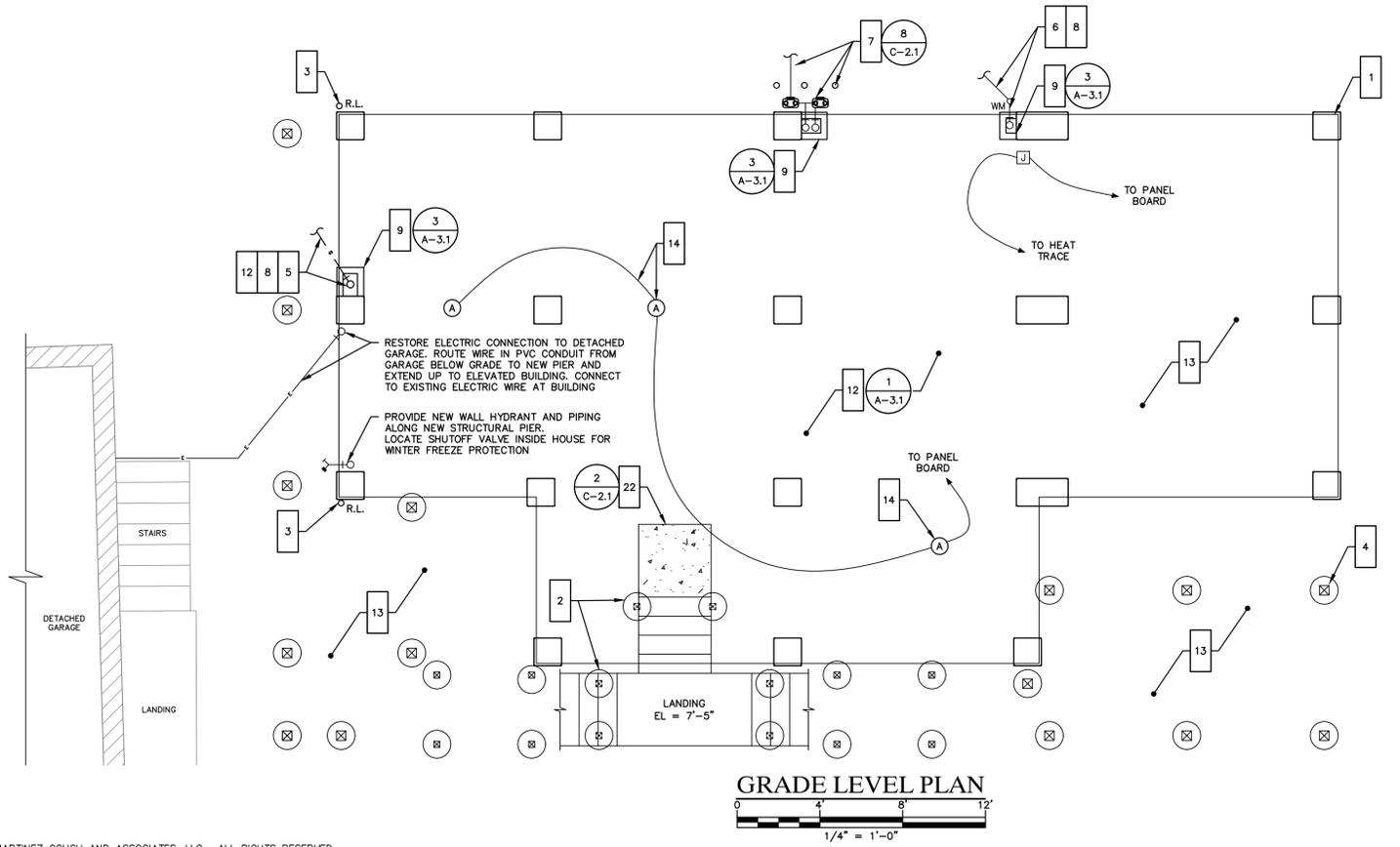
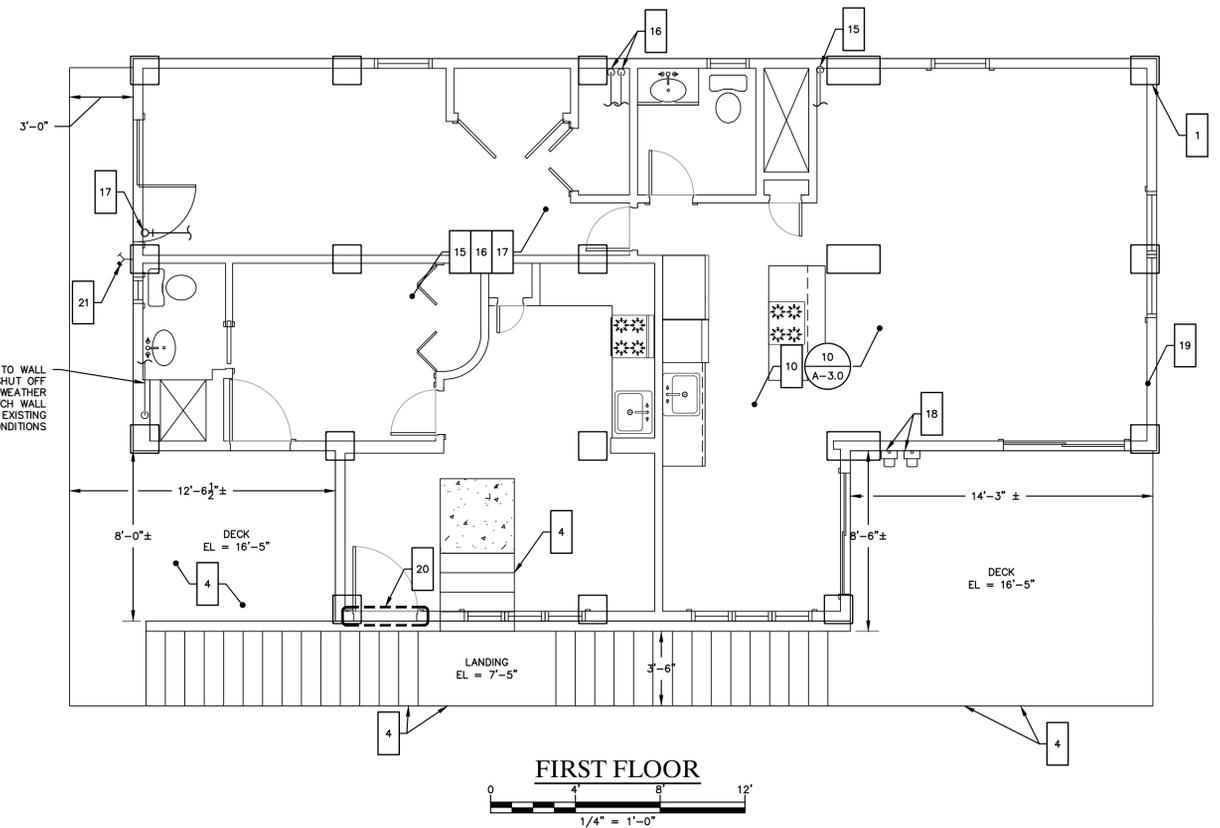
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EXISTING FLOOR PLANS

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33-262-5061	33-262-5061-BASEMAP.dwg	A-1.0

PROVIDE WATER SERVICE PLUMBING TO WALL HYDRANT BELOW HOUSE. LOCATE SHUT OFF VALVE IN BATHROOM FOR COLD WEATHER FREEZE PROTECTION; CUT AND PATCH WALL FINISHES AS REQUIRED TO MATCH EXISTING CONDITIONS



BUILDING UTILITY GENERAL NOTES

1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
3. IT IS THE PROJECT INTENT TO TURN OVER COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS TO THE OWNER FOR FINAL ACCEPTANCE OF PROJECT WORK.
4. FINAL PAYMENT WILL NOT BE PROCESSED WITHOUT SUBMITTAL OF ALL TESTING REPORTS OR EVIDENCE THEREOF FOR COMPLETE, FULLY FUNCTIONAL, AND OPERATING UTILITY SYSTEMS, AS REQUIRED BY CONTRACT SPECIFICATIONS AND AUTHORITIES HAVING JURISDICTION.
5. ALL BUILDING PENETRATIONS TO BE SEALED WITH INTUMESCENT FIRE STOP PUTTY, HITL FS-ONE OR APPROVED EQUAL. ALL FINISHES TO BE PATCHED TO MATCH EXISTING ADJACENT CONDITIONS.
6. ANY SPECIAL REQUIREMENTS OR CONDITIONS OF UTILITY PROVIDERS FOR UTILITY SERVICE RECONNECTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

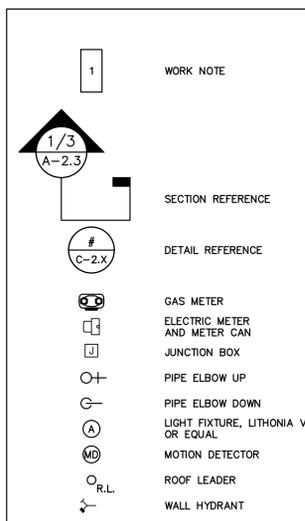
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WORK NOTES

- 1 HOUSE FOUNDATION; SEE STRUCTURAL DRAWINGS
- 2 NEW STAIR FOUNDATION; SEE STRUCTURAL DRAWINGS
- 3 FURNISH AND INSTALL ROOF DOWNSPOUTS TO GRADE, SECURE TO NEW STRUCTURAL COLUMN; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS AT GRADE.
- 4 INSTALL NEW DECKS, AT FRONT AND BACK OF HOUSE, AND STAIRS AT PROPOSED ELEVATIONS; SEE STRUCTURAL DRAWINGS
- 5 FURNISH AND INSTALL SANITARY DRAIN PIPING FROM BUILDING UNDERSIDE ENVELOPE TO PROPERTY LINE. SEE SHEET C-1.2 AND SEE SANITARY DRAIN SCHEMATIC SHEET C-2.2; REFER TO CIVIL DRAWINGS FOR CONTINUATION OF BURIED SANITARY DRAIN LINE
- 6 DOMESTIC WATER SERVICE LINE TO BE REPLACED TO PROPERTY LINE, BUT NOT BEYOND PROPERTY LINE. EXTEND SERVICE LINE TO UNDERSIDE OF BUILDING AND CONNECT TO BUILDING PIPING. SEE SHEET C-1.2 AND CIVIL PLANS FOR CONTINUATION OF BURIED DOMESTIC WATER LINE
- 7 COORDINATE INSTALLATION OF GAS METER WITH UTILITY PROVIDER; INSTALL TWO BOLLARDS IN FRONT OF GAS METER AS SHOWN ON PLAN. EXTEND NATURAL GAS SERVICE PIPING TO BUILDING ENVELOPE AFTER HOME ELEVATION AND CONNECT TO BUILDING PIPING. COORDINATE RELOCATION OF GAS METER ADJACENT TO NEW CONCRETE COLUMN. SEE CIVIL DRAWINGS FOR CONTINUATION OF BURIED NATURAL GAS LINE
- 8 FURNISH AND INSTALL ALL MATERIALS FOR NEW HEAT TRACE ON DOMESTIC WATER SERVICE AND SANITARY SEWER DRAIN PIPING PER SPECIFICATIONS. HEAT TRACE DOMESTIC WATER LINE TO 42" BELOW GRADE.
- 9 FURNISH AND INSTALL ALL MATERIALS FOR COLUMN UTILITY CHASE FOR SANITARY SEWER SERVICE, DOMESTIC WATER SERVICE, AND NATURAL GAS SERVICE LINES. SEE STRUCTURAL PLANS FOR LOCATION OF STRUCTURAL COLUMNS.
- 10 FURNISH AND INSTALL ALL MATERIALS TO INSULATE UNDERSIDE OF ELEVATED HOUSE.
- 11 FURNISH AND INSTALL ALL MATERIALS TO CONSTRUCT HORIZONTAL UTILITY CHASES AT UNDERSIDE OF HOUSE FOR NATURAL GAS, DOMESTIC WATER AND SANITARY SEWER SERVICE LINES PROJECTING BELOW TOP OF NEW PSL BEAMS. HEAT TRACE DOMESTIC WATER AND SANITARY SEWER PIPING SET BELOW TOP OF NEW PSL BEAMS.
- 12 FURNISH AND INSTALL ACCESS DOORS AT SEWER CLEANOUTS AND SHUTOFF VALVES BENEATH HOUSE. VERIFY LOCATIONS IN FIELD WITH ENGINEER.
- 13 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" CRUSH STONE BENEATH ENTIRE STRUCTURE, DECKS, AND STAIRS; TOP OF LAYER TO BE AT EXISTING GRADE
- 14 FURNISH AND INSTALL LIGHTING FIXTURES AND MOTION DETECTION OPERATION AT UNDERSIDE OF ELEVATED HOUSE. FURNISH AND INSTALL NEW 20 AMP CIRCUIT ON EXISTING PANEL BOARD. CABLE TO BE NON-METALLIC SHEATHED TYPE NM-C. PROVIDE 2-#12, 1-#12 GROUND. PROVIDE ELECTRIC METALLIC TUBING AS CONDUIT FOR CABLING AT BUILDING UNDERSIDE FROM FIXTURES TO NEW SWITCH ON FIRST FLOOR OF HOUSE
- 15 FURNISH AND INSTALL NEW DOMESTIC WATER PIPING WHERE REMOVED; REFEED AND RECONNECT ALL EXISTING FIXTURES AND EQUIPMENT. MATCH EXISTING PIPE SIZES OR PROVIDE NEW SIZE AS REQUIRED BY CODE. ROUTE ALL PLUMBING ABOVE INSULATION CAVITY BENEATH HOUSE.
- 16 FURNISH AND INSTALL NEW NATURAL GAS PIPING WHERE REMOVED; REFEED AND RECONNECT ALL EXISTING EQUIPMENT. MATCH EXISTING PIPE SIZES OR PROVIDE NEW SIZE AS REQUIRED. ROUTE ALL PLUMBING ABOVE INSULATION CAVITY BENEATH HOUSE.
- 17 FURNISH AND INSTALL NEW SANITARY DRAIN PLUMBING WHERE REMOVED BENEATH HOUSE; REFEED AND RECONNECT ALL FIXTURES AND LINES. MATCH EXISTING PIPE SIZES OR PROVIDE NEW SIZE AS REQUIRED BY CODE. ROUTE ALL PLUMBING ABOVE INSULATION CAVITY BENEATH HOUSE.
- 18 FURNISH AND INSTALL NEW ELECTRIC METERS, METER SOCKETS, DISCONNECTS, GALVANIZED RIGID CONDUIT AND SERVICE WIRE; CONNECT TO EXISTING PANEL BOARD
- 19 FURNISH AND INSTALL ALL MATERIALS FOR NEW RIBBON BOARD, TRIM, SIDING, AND FLASHING AROUND ENTIRE STRUCTURE PERIMETER
- 20 FURNISH AND INSTALL ALL MATERIALS FOR INFILL OF WALL IN LOCATION OF FORMER DOOR. PATCH ADJACENT CONSTRUCTION DISTURBED FOR REMOVAL OF EXISTING DOOR AND MATCH NEW FINISHED TO ADJACENT CONSTRUCTION METHODS AND MATERIALS.
- 21 FURNISH AND INSTALL NEW FROST FREE WALL HYDRANT; WATTS FH SERIES OR EQUAL
- 22 FURNISH AND INSTALL CONCRETE PADS AT STAIR LANDINGS; PADS TO BE 42" SQUARE

LEGEND



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PROPOSED FLOOR PLANS

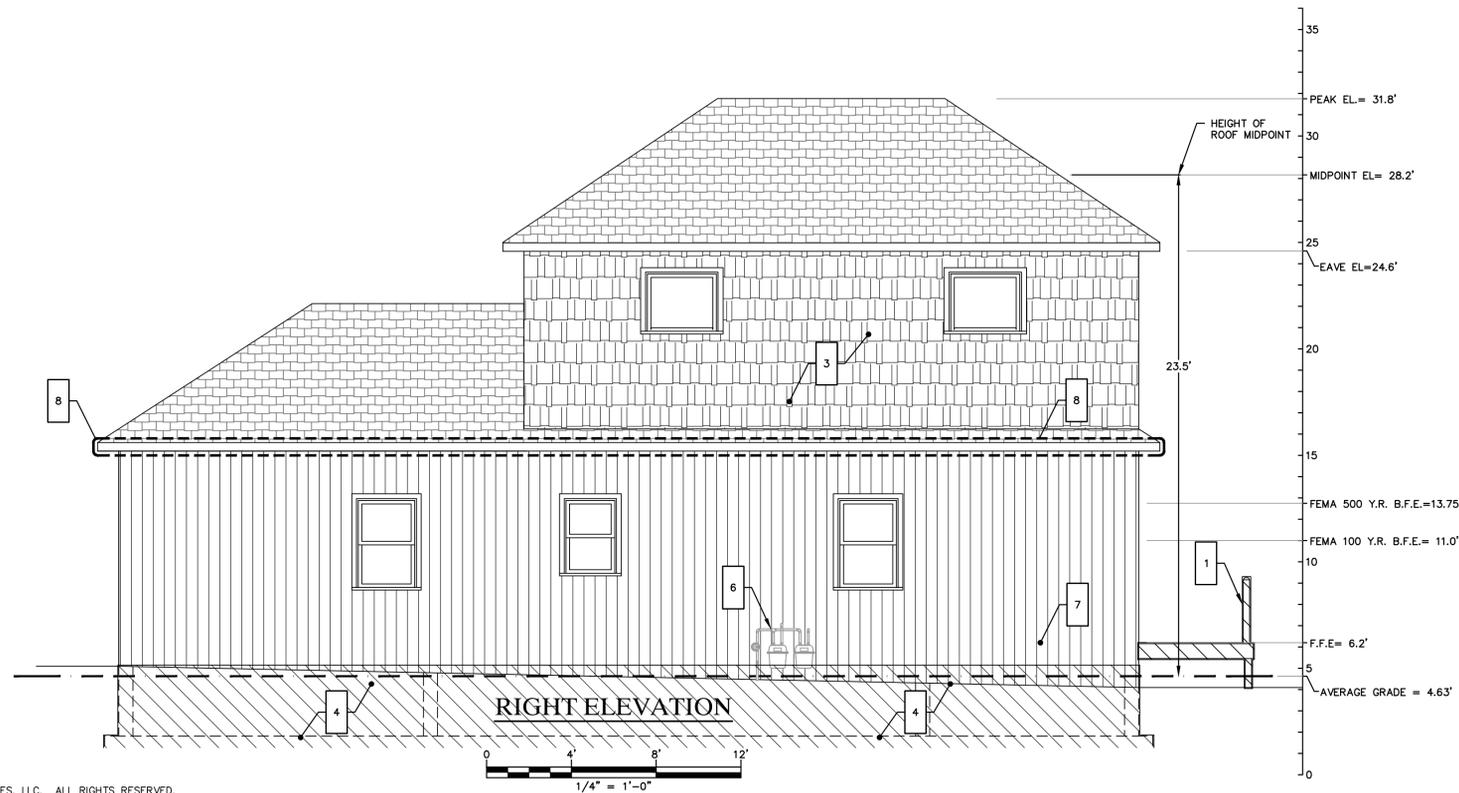
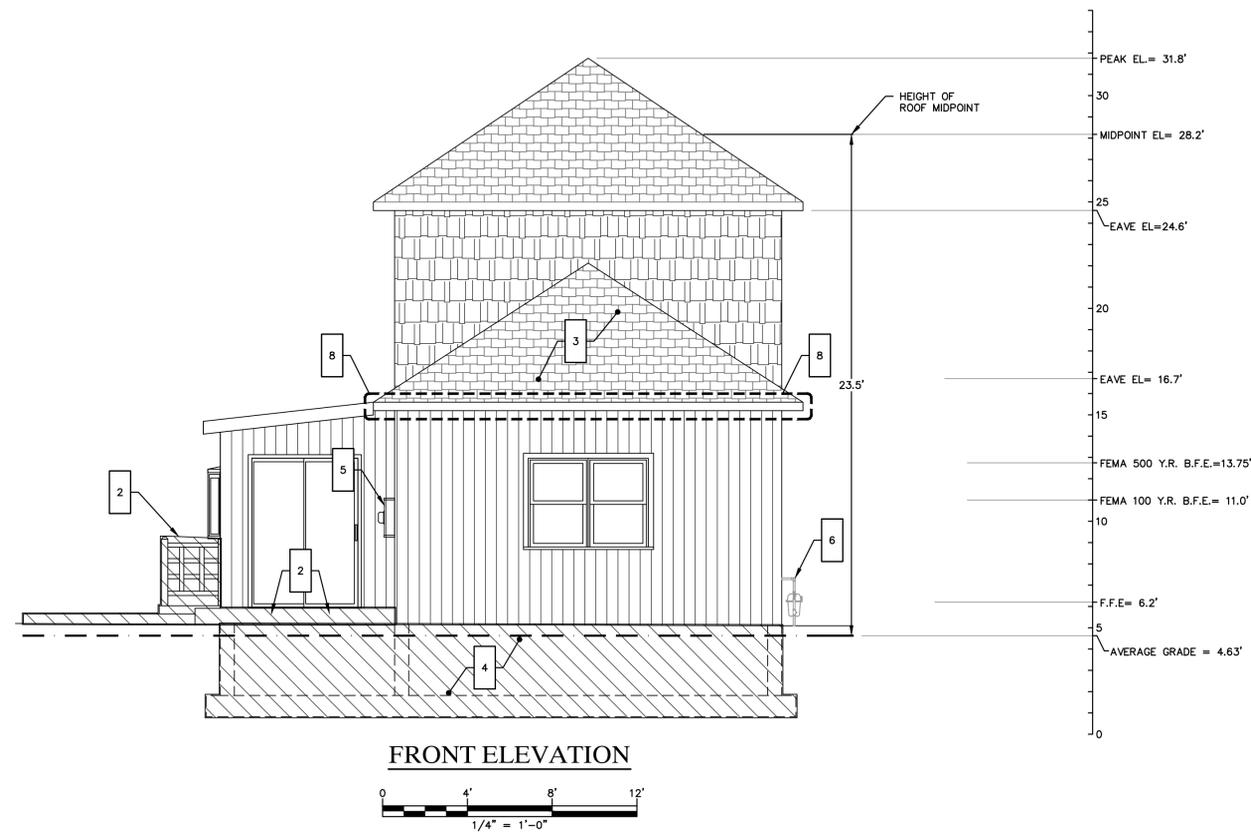
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WORK NOTES

- 1 DEMOLISH AND REMOVE OFFSITE DECK AT NORTHEAST CORNER OF HOUSE AS SHOWN ON PLAN
- 2 DEMOLISH AND REMOVE OFFSITE DECK AND LANDING AT NORTHWEST AND SOUTHWEST CORNERS OF HOUSE AS SHOWN ON PLAN
- 3 SUPPORT HOUSE AND LIFT TO PROPOSED ELEVATION
- 4 DEMOLISH EXISTING FOUNDATION INCLUDING ALL SUBSURFACE ELEMENTS; REMOVE AND DISPOSE OF OFF SITE WHETHER SHOWN ON PLAN OR NOT. FOUNDATION DEPICTED ON PLAN HAS NOT BEEN FIELD VERIFIED
- 5 DEMOLISH, REMOVE, AND DISPOSE OFFSITE ELECTRIC METER, METER SOCKET AND SERVICE WIRE
- 6 SALVAGE GAS METER FOR REINSTALLATION OR REMOVE OFFSITE AND DISPOSE AS REQUIRED BY UTILITY PROVIDER.
- 7 REMOVE EXISTING WALL HYDRANT AND PLUMBING BACK TO SOURCE AND CAP; PATCH SIDING TO MATCH ADJACENT CONDITIONS AND FILL WALL PENETRATION
- 8 EXISTING BUILDING SOFFIT AT FIRST FLOOR WITH NON-INTACT LEADED PAINT SURFACE; ESTABLISH LEAD SAFE WORK AREA, STABILIZE PAINT. RIGID ENCLOSE SOFFIT WITH NEW FASCIA BOARD AND SOLID SOFFIT. REPLACE ROOFING DRIP EDGE. COMPLETE ALL LEAD PAINT REMEDIATION FOR PER SPECIFICATION SECTION 02 83 19.



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EXISTING ELEVATIONS

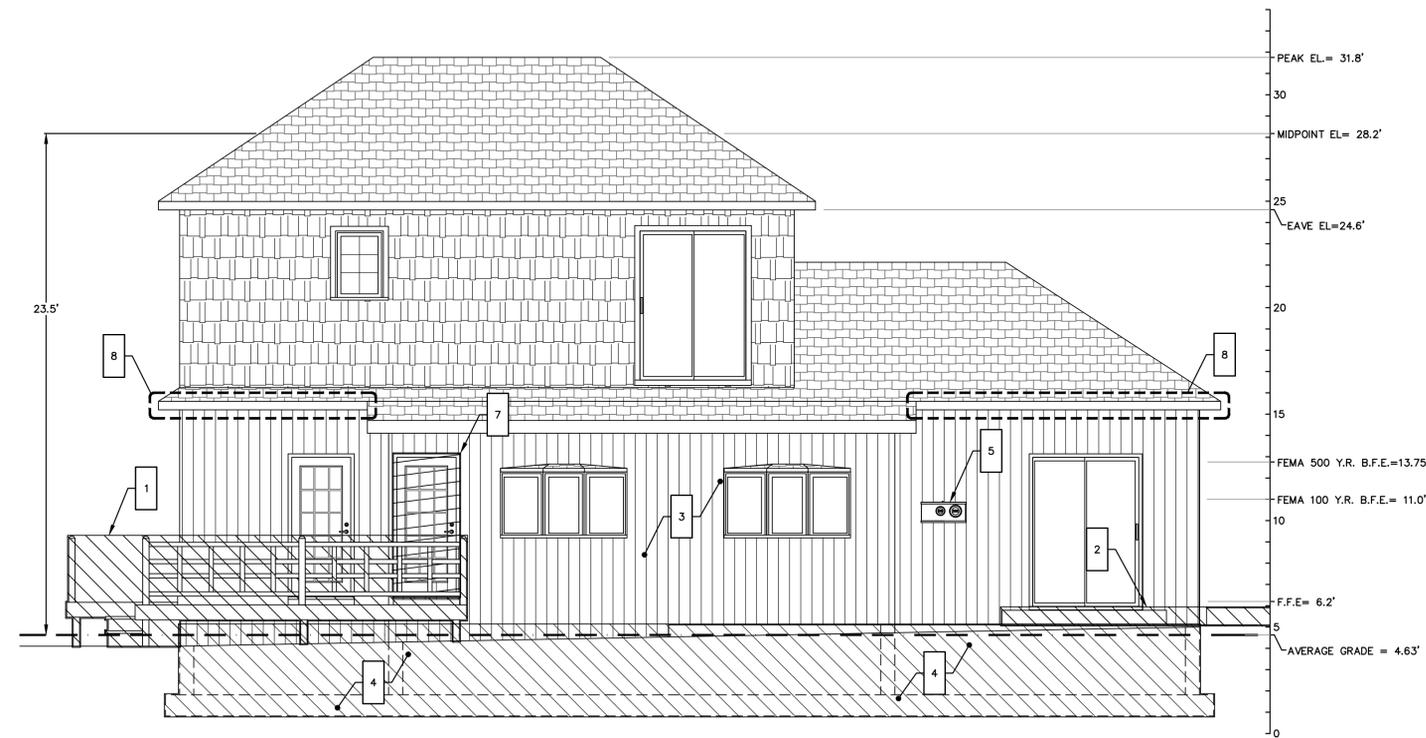
JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	A-2.0

GENERAL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MARTINEZ COUCH AND ASSOCIATES PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
4. WORK LIMITS SHALL BE AS NOTED. ALL ITEMS DISTURBED BY ANY AND ALL CONSTRUCTION ACTIVITIES SHALL BE RESTORED SUBSTANTIALLY TO THE CONDITION THEY EXISTED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, AND TO THE PROPERTY OWNER'S SATISFACTION.
5. THE LOCATIONS OF SITE UTILITIES ARE UNKNOWN. PRIOR TO COMMENCING ANY EXCAVATION, THE CONTRACTOR SHALL PLACE A "CALL BEFORE YOU DIG" (CBYD) REQUEST (PHONE: 1-800-922-4455). THE PROTECTION OF EXISTING UTILITIES IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
6. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

WORK NOTES

- 1 DEMOLISH AND REMOVE OFFSITE DECK AT NORTHWEST CORNER OF HOUSE AS SHOWN ON PLAN
- 2 DEMOLISH AND REMOVE OFFSITE DECK AND LANDING AT SOUTHEAST AND SOUTHWEST CORNERS OF HOUSE AS SHOWN ON PLAN
- 3 SUPPORT HOUSE AND LIFT TO PROPOSED ELEVATION
- 4 DEMOLISH EXISTING FOUNDATION INCLUDING ALL SUBSURFACE ELEMENTS; REMOVE AND DISPOSE OF OFF SITE
- 5 DEMOLISH, REMOVE, AND DISPOSE OFFSITE ELECTRIC METER, METER SOCKET AND SERVICE WIRE
- 6 SALVAGE GAS METER FOR REINSTALLATION OR REMOVE OFFSITE AND DISPOSE AS REQUIRED BY UTILITY PROVIDER.
- 7 REMOVE DOOR, TRIM CASING, AND STORM DOOR; CLOSE OPENING FOR EXISTING EXTERIOR DOOR TO THE LIVING ROOM ON THE SIDE OF THE FIRST FLOOR WHERE SHOWN ON PLAN; PROTECT BUILDING ENVELOPE UNTIL PERMANANT PATCH IS COMPLETED
- 8 EXISTING BUILDING SOFFIT AT FIRST FLOOR WITH NON-INTACT LEADED PAINT SURFACE; ESTABLISH LEAD SAFE WORK AREA, STABILIZE PAINT, RIGID ENCLOSE SOFFIT WITH NEW FASCIA BOARD AND SOLID SOFFIT. REPLACE ROOFING DRIP EDGE. COMPLETE ALL LEAD PAINT REMEDIATION FOR PER SPECIFICATION SECTION 02 83 19.



FRONT ELEVATION
0 4 8 12'
1/4" = 1'-0"

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PROJECT 5061
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MILFORD, CONNECTICUT 06460

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
2	9/14/2017	ISSUED FOR BIDDING	MBR	MBR	REC
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC

DRAWN: CP/MBR CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE:

EXISTING ELEVATIONS

JOB NO.	DRAWING NUMBER	SHEET
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GENERAL NOTES

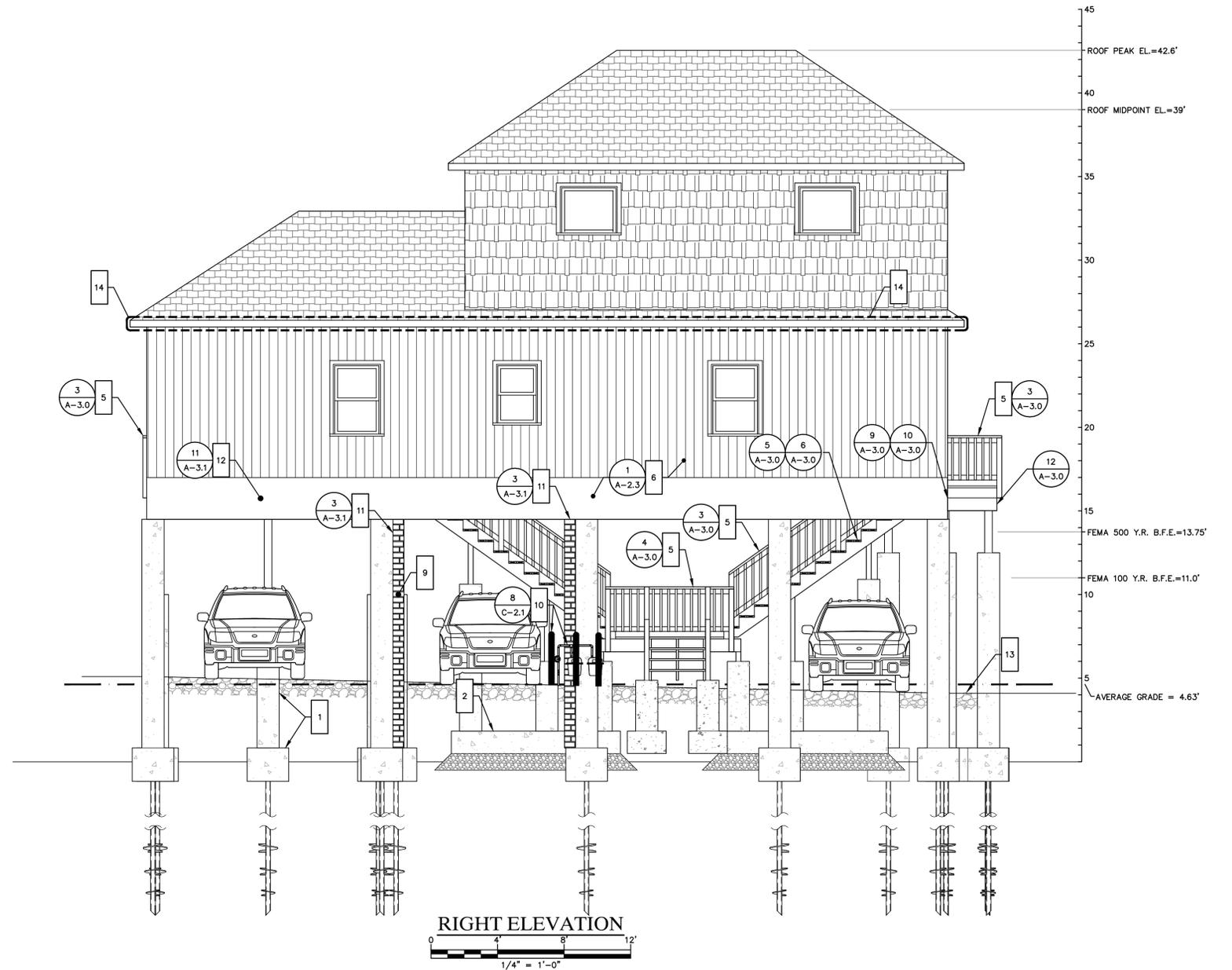
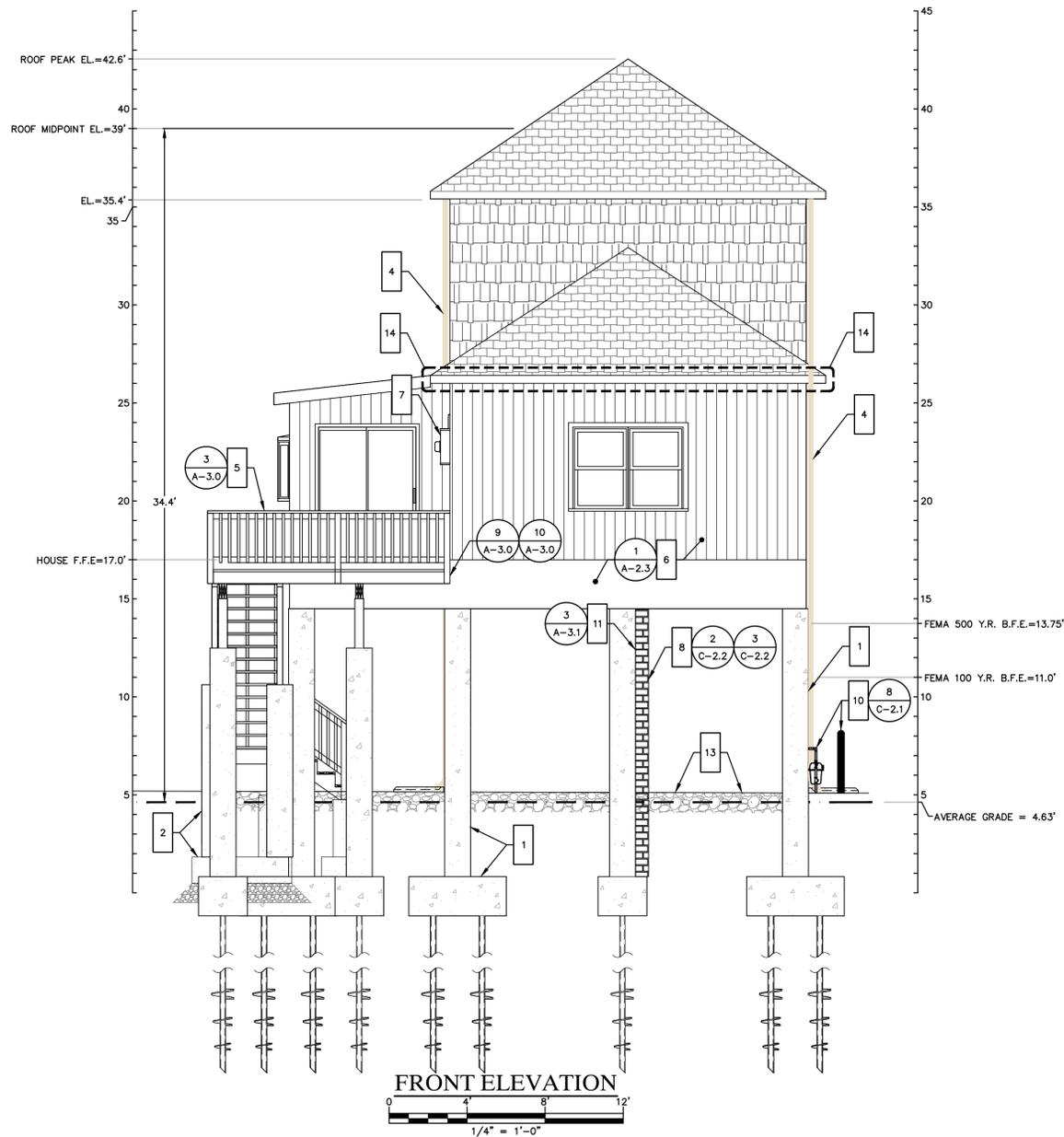
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WORK NOTES

- 1 HOUSE FOUNDATION; SEE STRUCTURAL DRAWINGS
- 2 STAIR FOUNDATION; SEE STRUCTURAL DRAWINGS
- 3 LOWER HOUSE ONTO SUPPORTS AT PROPOSED ELEVATIONS, AS SHOWN ON STRUCTURAL DRAWINGS
- 4 EXTEND ROOF DOWNSPOUTS TO GRADE, SECURE TO NEW STRUCTURAL COLUMN; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS AT GRADE
- 5 INSTALL NEW DECKS, AT FRONT AND BACK OF HOUSE, AND STAIRS AT PROPOSED ELEVATIONS

- 6 FURNISH AND INSTALL ALL MATERIALS TO INFILL SIDING AND NEW RIBBON BOARD, TRIM, SIDING, AND FLASHING AROUND ENTIRE STRUCTURE PERIMETER
- 7 FURNISH AND INSTALL NEW ELECTRIC METER, METER SOCKET, GALVANIZED CONDUIT AND SERVICE WIRE; CONNECT TO EXISTING PANEL BOARD
- 8 FURNISH AND INSTALL SANITARY DRAIN PIPING FROM BUILDING UNDERSIDE ENVELOPE TO PROPERTY LINE. SEE SHEET C-1.2, A-1.1, AND SEE SANITARY DRAIN SCHEMATIC SHEET C-2.2.
- 9 DOMESTIC WATER SERVICE LINE TO BE REPLACED TO PROPERTY LINE, BUT NOT BEYOND PROPERTY LINE. EXTEND SERVICE LINE TO UNDERSIDE OF BUILDING AND CONNECT TO BUILDING PIPING. SEE SHEET C-1.2 AND CIVIL PLANS FOR CONTINUATION OF BURIED DOMESTIC WATER LINE
- 10 COORDINATE INSTALLATION OF GAS METER WITH UTILITY PROVIDER; INSTALL TWO BOLLARDS IN FRONT OF GAS METER AS SHOWN ON PLAN. EXTEND NATURAL GAS SERVICE PIPING TO BUILDING ENVELOPE AFTER HOME ELEVATION AND CONNECT TO BUILDING PIPING. COORDINATE RELOCATION OF GAS METER ADJACENT TO NEW CONCRETE COLUMN.

- 11 FURNISH AND INSTALL ALL MATERIALS FOR COLUMN UTILITY CHASE FOR SANITARY SEWER SERVICE, DOMESTIC WATER SERVICE, AND NATURAL GAS SERVICE LINES. SEE STRUCTURAL PLANS FOR LOCATION OF STRUCTURAL COLUMNS.
- 12 FURNISH AND INSTALL ALL MATERIALS TO INSULATE AND FINISH UNDERSIDE OF ELEVATED HOUSE.
- 13 FURNISH AND INSTALL 12" THICK LAYER OF 3/4" CRUSH STONE BENEATH ENTIRE STRUCTURE, DECKS, AND STAIRS; TOP OF LAYER TO BE AT EXISTING GRADE
- 14 FURNISH AND INSTALL ALL MATERIALS FOR NEW ENCLOSED SOFFIT, FASCIA BOARD TO BE METAL COIL STOCK WRAPPED 1X6 PINE TRIM, SOFFIT PROFILE TO MATCH EXISTING SECOND FLOOR SOFFIT, REPLACE ROOFING METAL DRIP EDGE



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DRAWN: CP/MBR CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE:					

PROPOSED ELEVATIONS

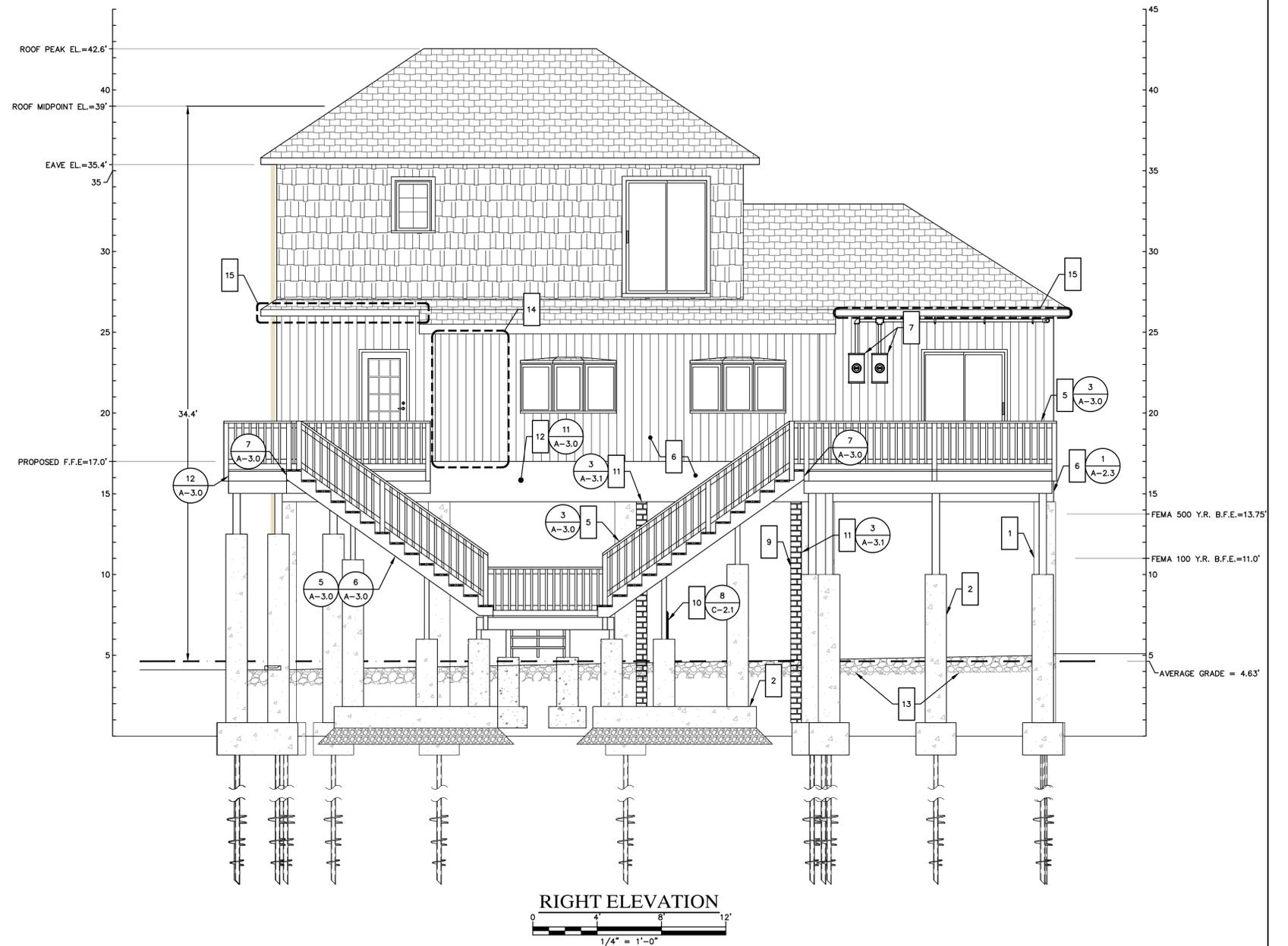
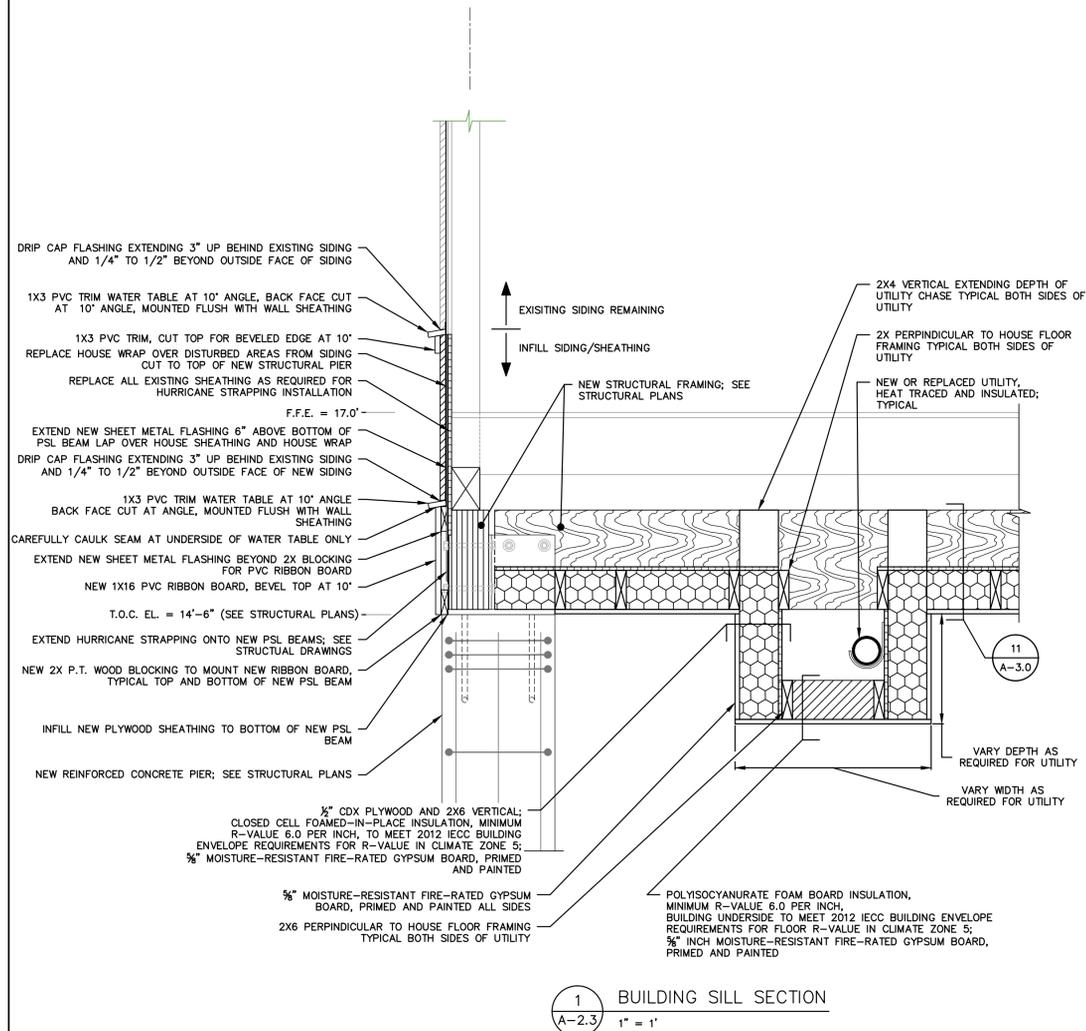
JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	A-2.2

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WORK NOTES

- | | | |
|---|---|--|
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|---|---|--|



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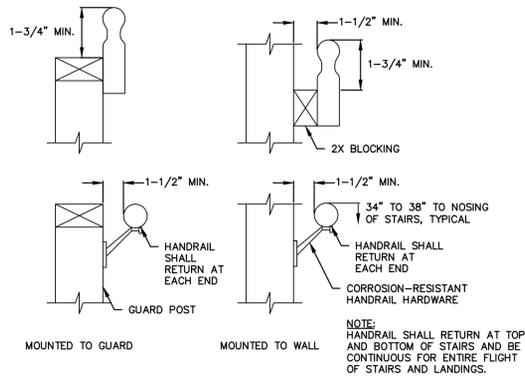
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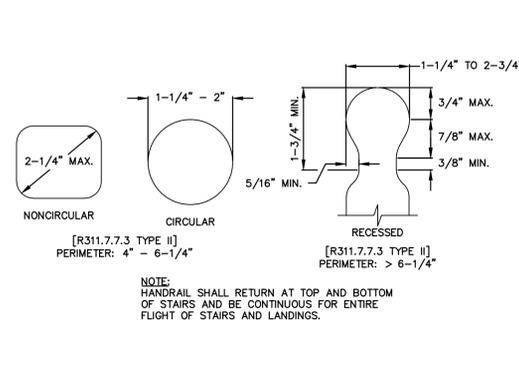
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PROPOSED ELEVATIONS

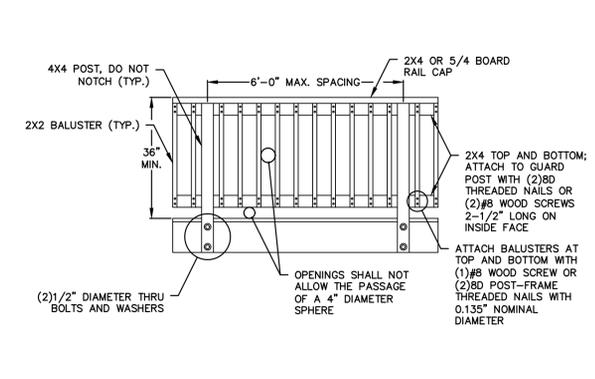
JOB NO.	DRAWING NUMBER	SHEET
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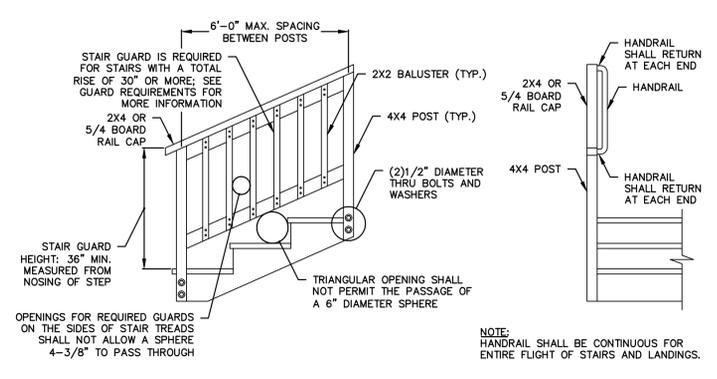
1 TYPICAL HANDRAIL MOUNTING
A-3.0 N.T.S.



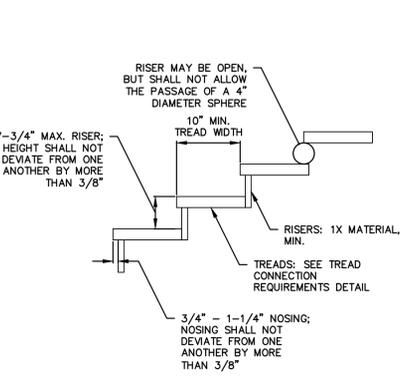
2 TYPICAL HANDRAIL GRIP SIZE
A-3.0 N.T.S.



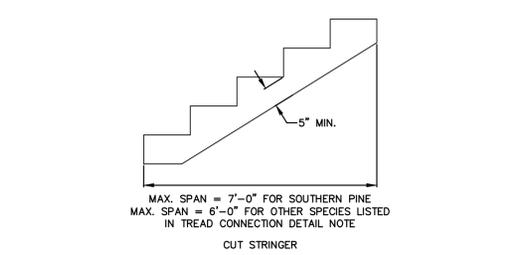
3 TYPICAL DECK RAILING GUARD
A-3.0 N.T.S.



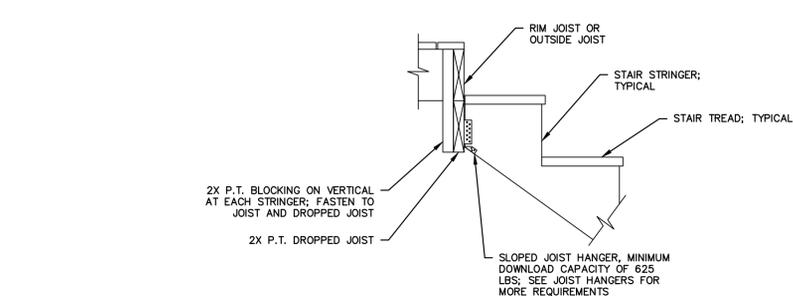
4 TYPICAL STAIR GUARD REQUIREMENTS
A-3.0 N.T.S.



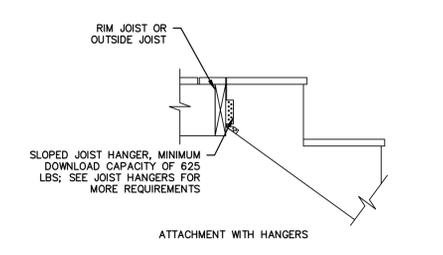
5 TYPICAL TREAD AND RISER
A-3.0 N.T.S.



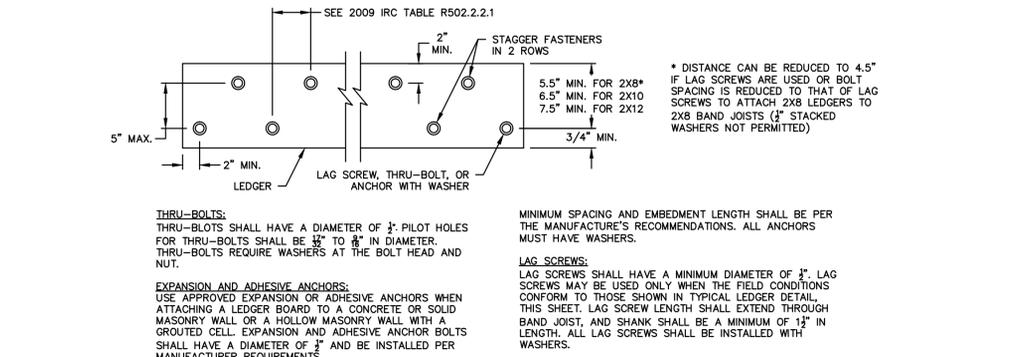
6 TYPICAL STAIR STRINGER REQUIREMENTS
A-3.0 N.T.S.



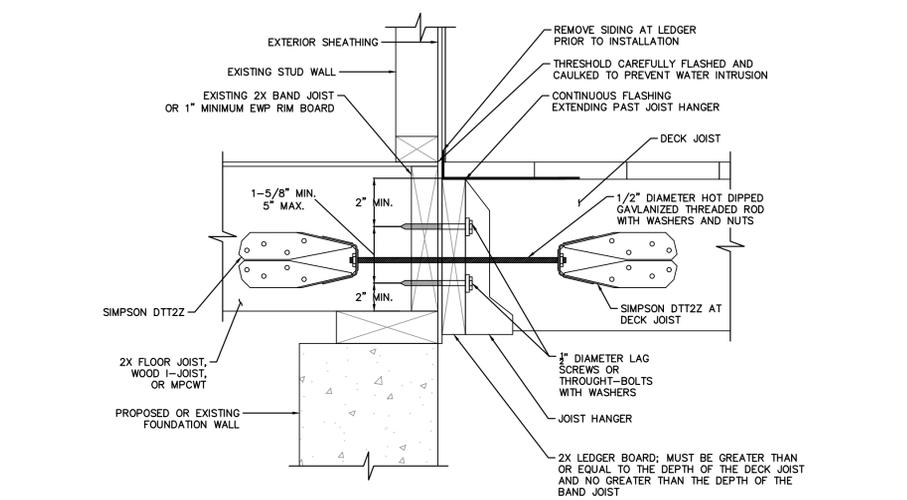
7 TYPICAL STAIR DROP STRINGER ATTACHMENT
A-3.0 N.T.S.



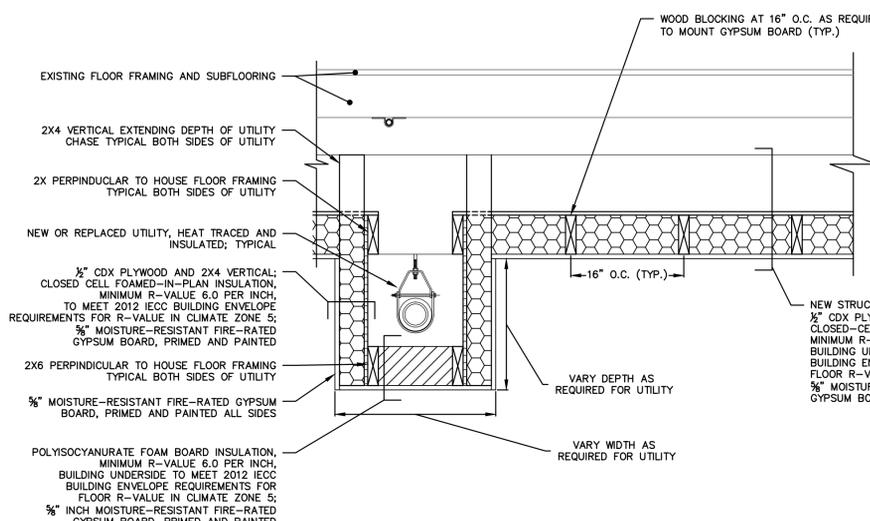
8 TYPICAL STAIR STRINGER ATTACHMENT
A-3.0 N.T.S.



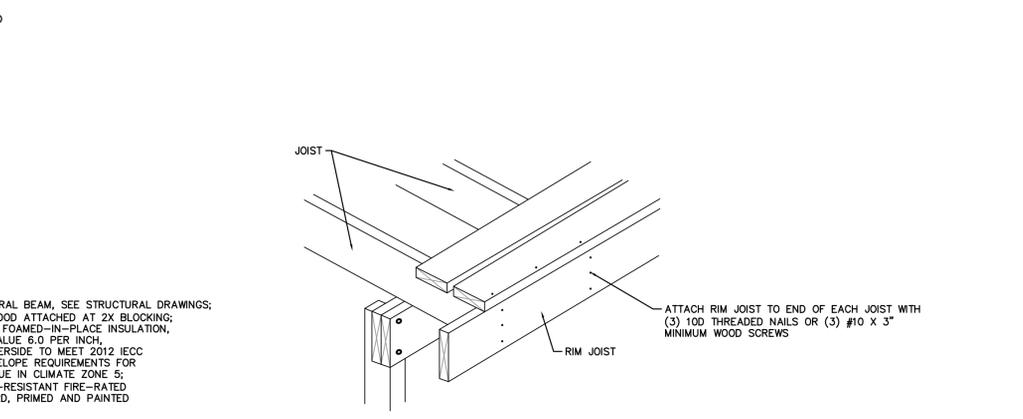
8 TYPICAL LEDGER BOARD FASTENER SPACING AND CLEARANCE
A-3.0 N.T.S.



9 TYPICAL GENERAL ATTACHMENT OF LEDGER
A-3.0 N.T.S.



10 TYPICAL FLOOR CAVITY INSULATION DETAIL
A-3.0 1/2\"/>



11 TYPICAL RIM JOIST CONNECTION
A-3.0 N.T.S.

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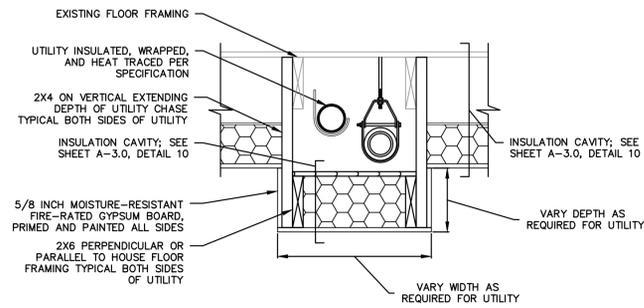
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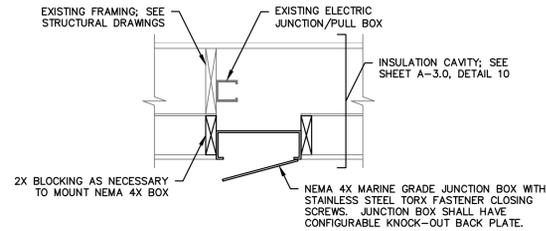
DECK AND STAIR DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	A-3.0



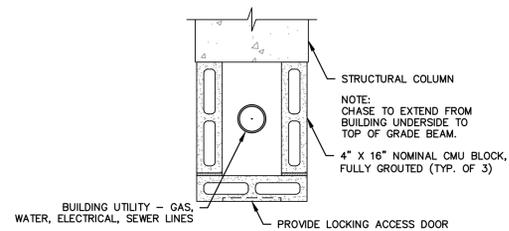
1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. WIDTH OF UTILITY CHASE SHALL BE FIELD VERIFIED WITH CONTRACTOR AND ENGINEER FOR PROPER ACCESS TO REPLACE, REPAIR, OR MAINTAIN SUBJECT UTILITY.
3. UTILITY CHASE SHALL BE CONSTRUCTED FOR NATURAL GAS SERVICE, SANITARY SEWER DRAIN, AND DOMESTIC WATER SERVICE PIPING.

1 UTILITY ACCESS CHASE
A-3.1 1" = 1'-0"



1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. CONTRACTOR SHALL VERIFY IN FIELD AND REVIEW WITH ENGINEER LOCATIONS OF EXISTING JUNCTION/PULL BOXES FOR NEW ACCESS BOX INSTALLATION.
3. NEMA JUNCTION BOX SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS, FLUSH WITH SURROUNDING GYPSUM BOARD, WITH WEATHER TIGHT SEAL.

2 ELECTRICAL JUNCTION BOX ACCESS
A-3.1 1" = 1'-0"



3 COLUMN UTILITY CHASE
A-3.1 1" = 1'-0"

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ARCHITECTURAL DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-5061	33-262-5061-BASEMAP.dwg	A-3.1

DESIGN BASIS

GOVERNING CODE 2016 CONNECTICUT STATE BUILDING CODE

GENERAL NOTES:

SHOP DRAWINGS ARE TO BE CHECKED BY THE CONTRACTOR AND BEAR THE CHECKER'S INITIALS BEFORE BEING SUBMITTED TO THE ENGINEER.

THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, ANGLES, AND EXISTING CONDITIONS BEFORE PROCEEDING WITH ANY WORK.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION.

IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE CONSTRUCTION PROCEDURE AND SEQUENCE, AND TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THIS INCLUDES THE ADDITION OF WHATEVER SHORING, BRACING, ETC. THAT MAY BE REQUIRED.

WORK THESE DRAWINGS WITH THOSE OF OTHER TRADES FOR LOCATIONS OF OPENINGS, RECESSES, BUILT-IN WORK, ETC.

FOUNDATION NOTES

REFER TO GEOTECHNICAL REPORT PREPARED BY DR. CLARENCE WELTI, P.E., P.C., DATED NOVEMBER 2, 2016 FOR SUBSURFACE PREPARATION & RELATED REQ'MENTS.

ALL NEW FOUNDATIONS SHALL BE SUPPORTED BY NEW HELICAL PILES MANUFACTURED BY EARTH CONTACT PRODUCTS, LLC, OLATHE KA, OR APPROVED EQUAL.

HELICAL PILES

ALL HELICAL PILES SHALL DEVELOP A MINIMUM ALLOWABLE LOAD CARRYING CAPACITY OF 10 TONS (20 KIPS) UNLESS OTHERWISE NOTED.

ALL HELICAL PILES SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT. THE PROPOSED HELICAL PILE SHALL HAVE A MINIMUM SHAFT SIZE OF 3 1/2" OUTSIDE DIAMETER x 0.300" WALL THICKNESS, BE FILLED SOLID w/ GROUT AND BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM 123 AND BE SUBMITTED FOR APPROVAL PRIOR TO COMMENCEMENT OF ANY WORK. SUBMITTAL SHALL INCLUDE SIZE, STRENGTH, GALVANIZING, DEPTH, SEAT TYPE AND SIZE.

INSTALL ONE (1) TEST PILE PRIOR TO CONSTRUCTION.

CONCRETE

MATERIALS:

ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS. CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN.

ALL DETAILING, FABRICATION, AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".

ALL REINFORCING STEEL SHALL BE EPOXY COATED IN ACCORDANCE WITH ASTM A775.

NO CALCIUM CHLORIDE OR ADMIXTURES CONTAINING MORE THAN 1% CHLORIDE BY WEIGHT OF ADMIXTURE SHALL BE USED IN THE CONCRETE.

PROVIDE 5% TO 7% AIR ENTRAINMENT IN ALL CONCRETE.

UNLESS OTHERWISE NOTED, ALL LAP SPLICES SHALL BE CLASS B.

STRUCTURAL STEEL

ANGLES, MISCELLANEOUS PLATES AND BARS.....ASTM A36
 BOLTS.....ASTM A325
 WELDING ELECTRODE.....ASTM E 70

ALL STRUCTURAL STEEL AND CONNECTION HARDWARE SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A123.

ALL WELDING SHALL BE DONE BY A CERTIFIED WELDER IN ACCORDANCE WITH A.W.S. STANDARDS.

ALL STRUCTURAL STEEL, FROM DELIVERY TO THE JOB SITE TO AFTER ERECTION SHALL CONFORM TO ALL REQUIREMENTS OF ASTM A6.

STRUCTURAL LUMBER

STRUCTURAL LUMBER USED FOR BRIDGING, BLOCKING AND OTHER MISCELLANEOUS FRAMING SHALL BE NOT LESS THAN NO. 2 GRADE DOUGLAS FIR AND SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING..... F_b = 875 PSI
 HORIZONTAL SHEAR..... F_v = 95 PSI
 TENSION PARALLEL TO GRAIN..... F_t = 825 PSI
 COMPRESSION PERPENDICULAR TO GRAIN..... F_c = 385 PSI
 COMPRESSION PARALLEL TO GRAIN..... F_c = 1,050 PSI
 MODULUS OF ELASTICITY..... E = 1,700,000 PSI

MOISTURE CONTENT OF ALL FRAMING LUMBER WHEN DELIVERED TO THE PROJECT SITE SHALL NOT EXCEED 19%.

NAILING AND OTHER FASTENING SHALL BE AS PER TABLE 2304.9.1, FASTENING SCHEDULE, OF THE 2005 STATE OF CONNECTICUT BUILDING CODE.

PLYWOOD WALL SHEATHING SHALL BE NOMINAL 5/8" THICK SQUARE EDGE EXTERIOR GRADE CDX AND CONTAIN (4) INNER PLYS.

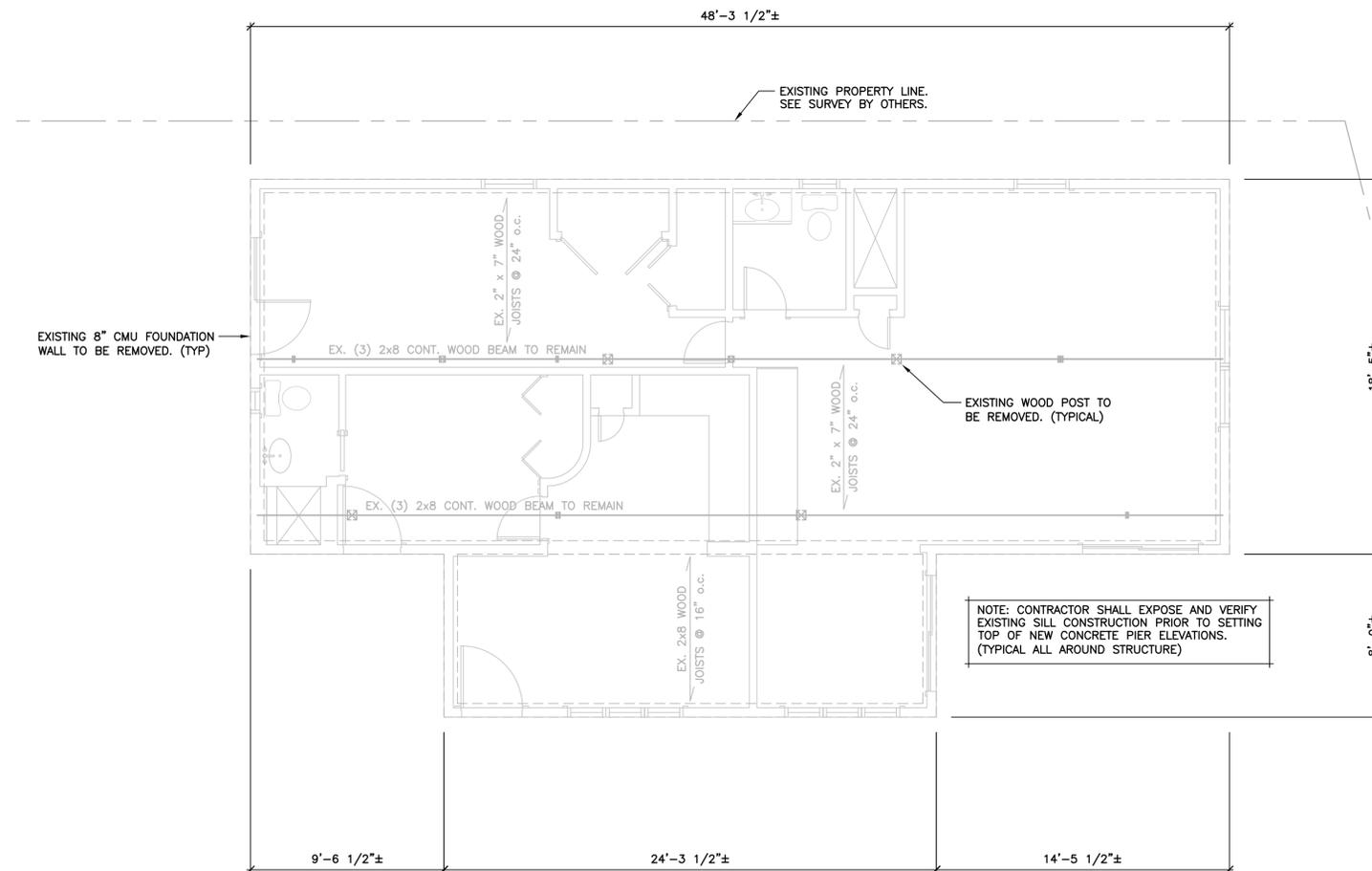
PLYWOOD ROOF SHEATHING SHALL BE NOMINAL 3/4" THICK SQUARE EDGE EXTERIOR GRADE.

ENGINEERED WOOD PRODUCTS

ELEMENTS. FOLLOWING ERECTION, JOISTS SHALL BE SHEATHED AND PROTECTED TO MAINTAIN STRESS-GRADED MOISTURE CONTENT NOT TO EXCEED 19%.

PARALLAM PLUS PSL WOLMANIZED MEMBERS USED FOR BEAMS AND HEADERS SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:

EXTREME FIBER IN BENDING..... F_b = 1,827 PSI
 HORIZONTAL SHEAR..... F_v = 197 PSI
 TENSION PARALLEL TO GRAIN..... F_t = 1,397 PSI
 COMPRESSION PERPENDICULAR TO GRAIN..... F_c = 368 PSI
 COMPRESSION PARALLEL TO GRAIN..... F_c = 1,508 PSI
 MODULUS OF ELASTICITY..... E = 1,460,000 PSI



EXISTING CONDITIONS PLAN

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



NOTES:

1. THE EXISTING WOOD FRAMED SUPERSTRUCTURE SHALL BE ADEQUATELY SHORED PRIOR TO DEMOLITION OF EXISTING FOUNDATION CONSTRUCTION.
2. REFER TO THE ACCOMPANYING DRAWINGS FOR PLANS, DETAILS AND ADDITIONAL REQUIREMENTS RELATED TO THE NEW FOUNDATION AND FRAMING CONSTRUCTION TO SUPPORT THE EXISTING SUPERSTRUCTURE TO BE ELEVATED.
3. REFER TO ARCH'L DRAWINGS FOR ADDITIONAL DEMO REQUIREMENTS.
4. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.



1084 Cromwell Avenue, Suite A-2
 Rocky Hill, CT 06067
 Telephone: (860) 436-4364
 Fax: (860) 436-4626
 www.martinezcouch.com

PROJECT 5061
 758 EAST BROADWAY
 MILFORD, CONNECTICUT 06460

THOMAS A. TORRENTI, P.C.
 Consulting Engineers

316 Dogburn Lane Tel (203) 891-9933
 P.O. Box 1153 Fax (203) 891-8299
 Orange, CT 06477-7153 ttorrenti@optonline.net

NO.	DATE	REVISIONS	BY	CHK	APPV
2	9/14/2017	ISSUED FOR BIDDING	DEB	TAT	TAT
1	8/7/2017	ISSUED FOR CT DOH REVIEW AND APPROVAL	DEB	TAT	TAT

DRAWN BY: DEB CHECKED BY: TAT SCALE: AS NOTED DATE:

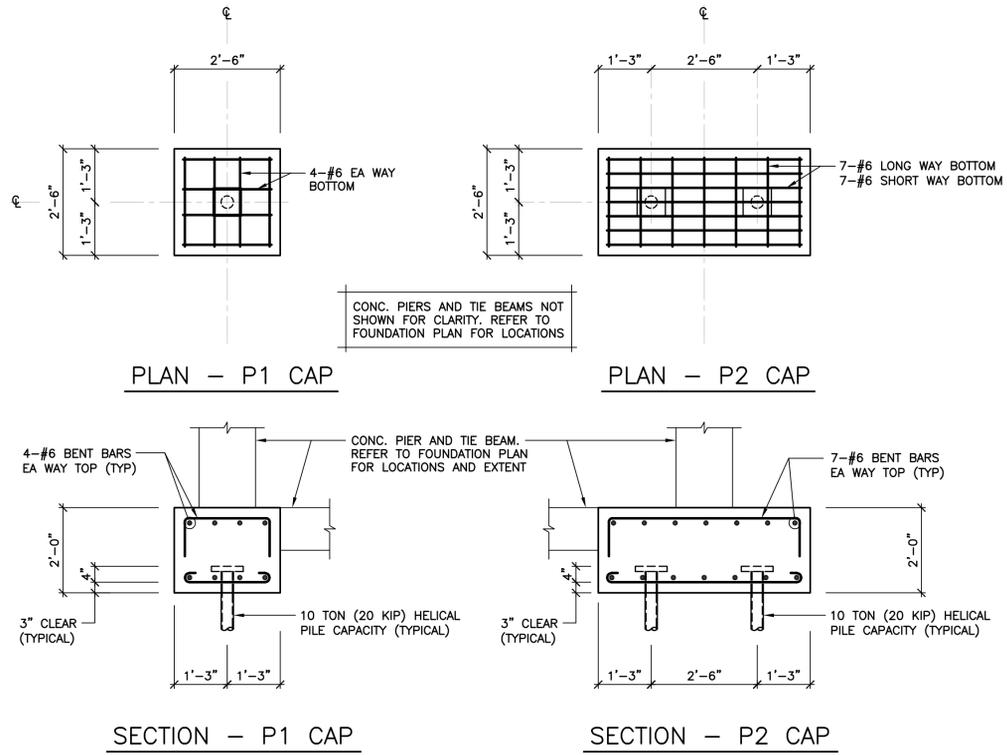
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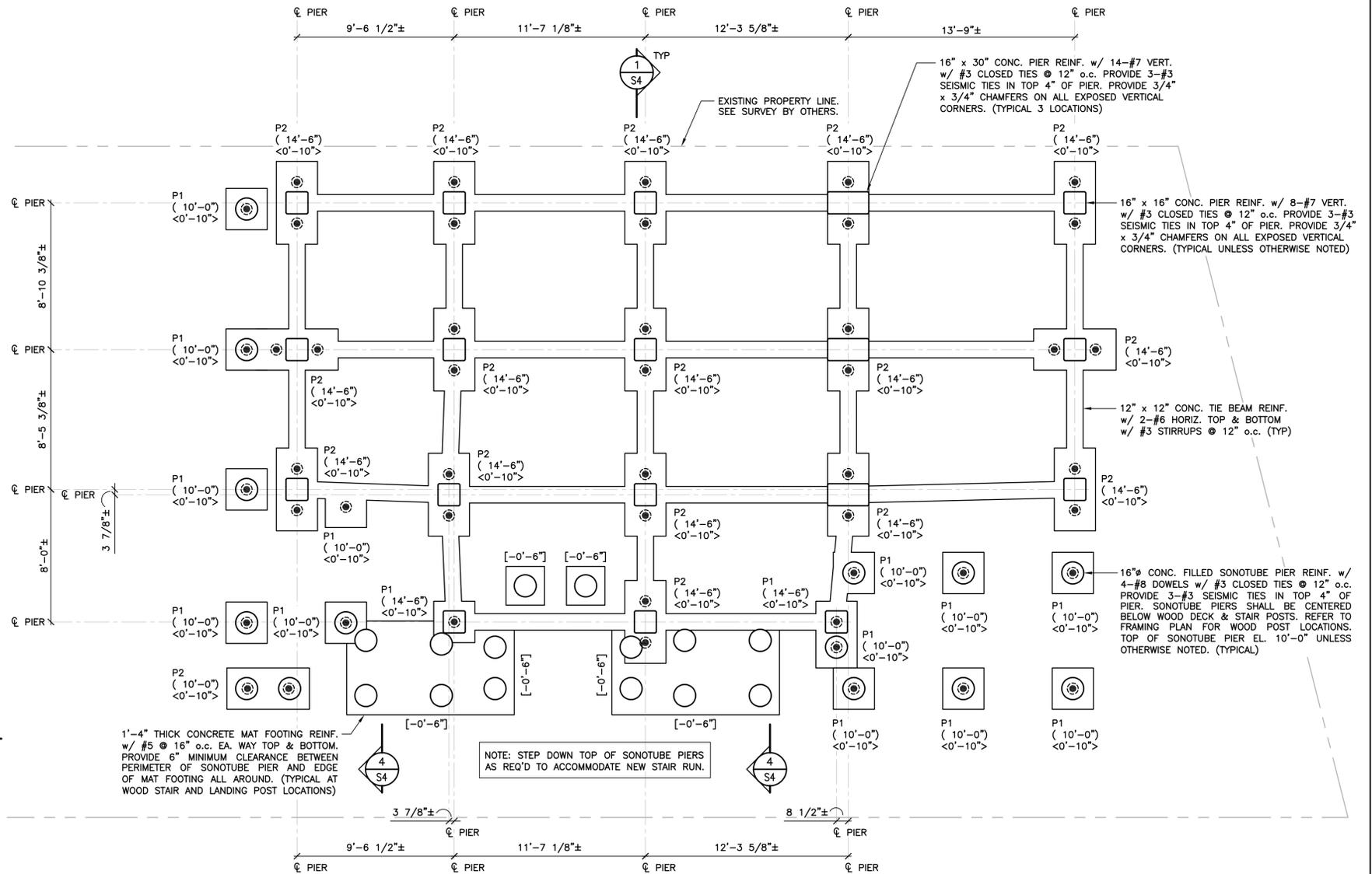
FOUNDATION DESIGN

EXISTING CONDITIONS PLAN & STRUCTURAL NOTES

JOB NO.	DRAWING NUMBER	SHEET
33-262-2203	21707 S1-S4.dwg	S1



TYPICAL CONCRETE PILE CAP DETAILS
 SCALE: 1/2" = 1'-0"



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

- LEGEND:**
- P# PILE CAP MARK (SEE DETAILS THIS DWG)
 - <....> EL. TOP OF CONC. PILE CAP
 - (.....) EL. TOP OF CONC. PIER
 - [.....] EL. BOTTOM OF CONC. MAT FOOTING
 - ⊙ DENOTES 10 TON (20 KIP) CAPACITY HELICAL PILE. FIELD VERIFY ALL HELICAL PILE LOCATIONS.

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 CONSTRUCTION INSPECTION • WASTEWATER

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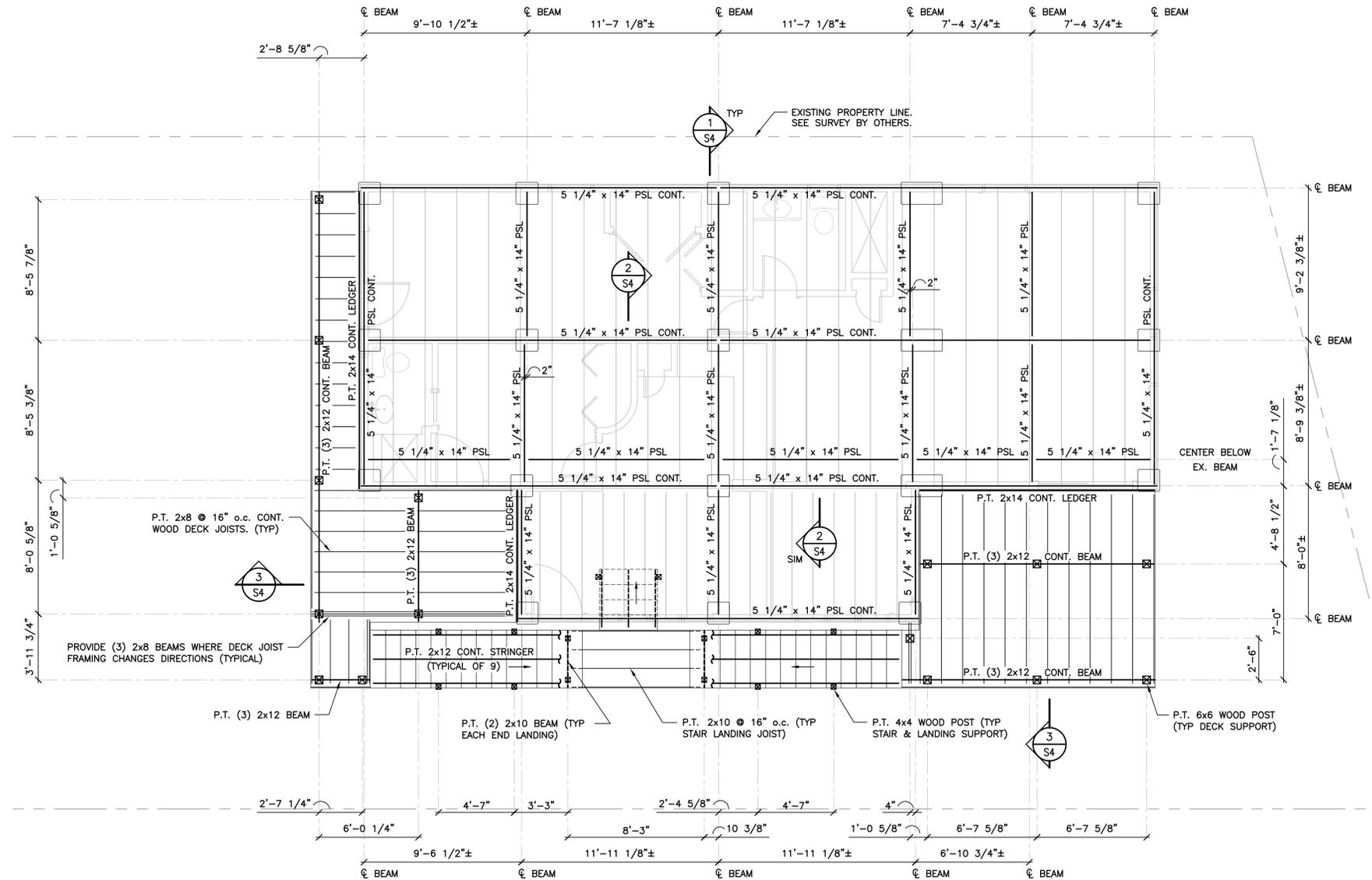
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FOUNDATION DESIGN

FOUNDATION PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-2203	21707 S1-S4.dwg	S2



FIRST FLOOR FRAMING SUPPORT PLAN

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



NOTES:

1. NEW FINISH FLOOR EL. 17'-0"±. REFER TO ARCH'L DRAWINGS FOR ALL ELEVATIONS.
2. SETTING AND ANCHORAGE OF THE SUPERSTRUCTURE TO NEW CONCRETE FOUNDATION IS THE RESPONSIBILITY OF CONTRACTOR.
4. PROVIDE P.T. CONTINUOUS NAILERS AT ALL NEW FLOOR FRAMING MEMBERS SUPPORTING EXISTING FLOOR JOISTS AS REQUIRED.
5. PROVIDE 2x WOOD INFILL FRAMING AT EXISTING FLOOR OPENINGS TO BE ABANDONED. MATCH INFILL FRAMING WITH ADJACENT JOIST MEMBERS.
6. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.
7. REFER TO DRAWING S4 FOR ADDITIONAL CONSTRUCTION ITEMS & REQUIREMENTS NOT SHOWN FOR CLARITY ON FRAMING PLAN.



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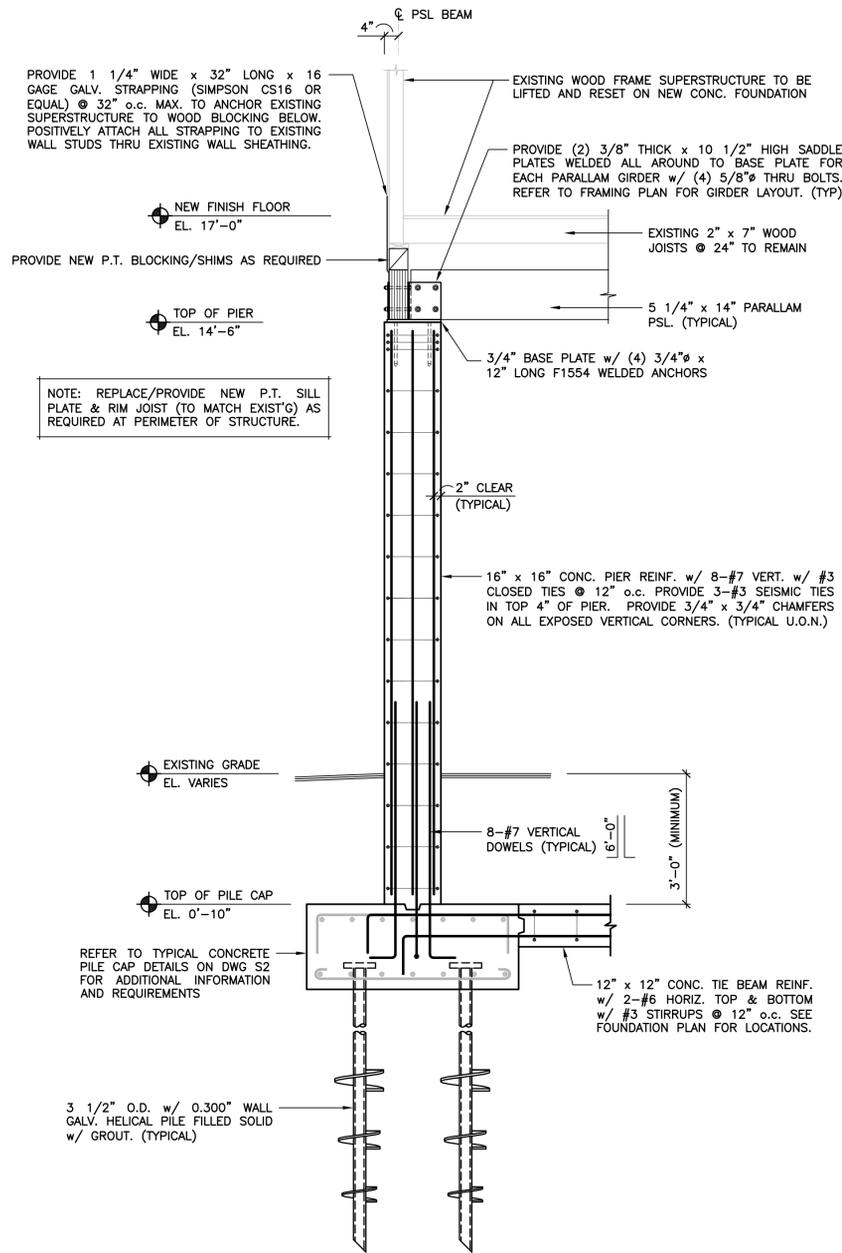
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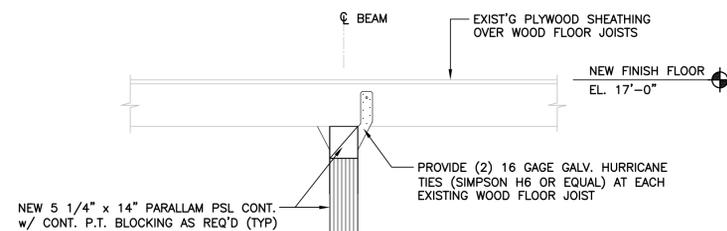
FOUNDATION DESIGN

FIRST FLOOR FRAMING SUPPORT PLAN

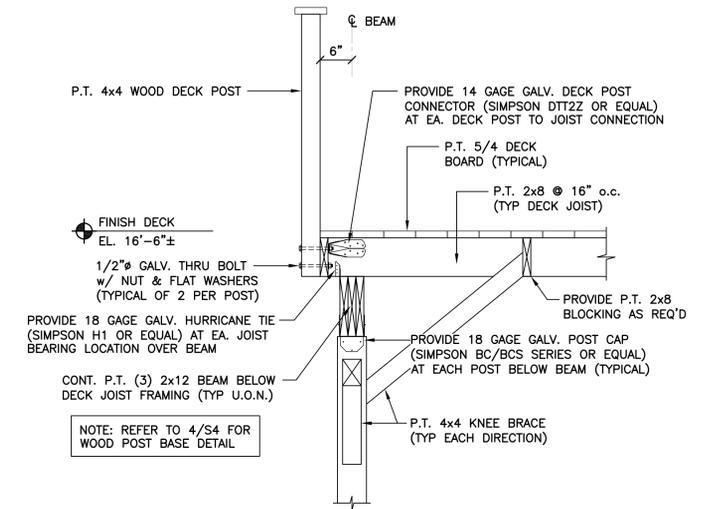
JOB NO.	DRAWING NUMBER	SHEET
33-262-2203	21707 S1-S4.dwg	S3



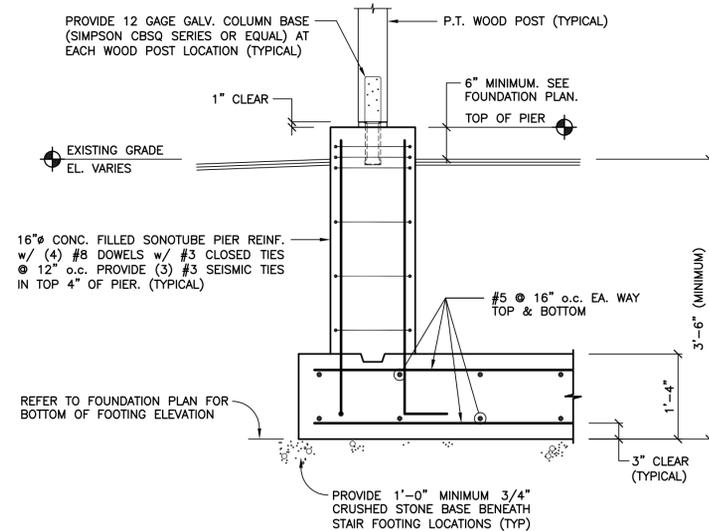
SECTION 1
SCALE: 1/2" = 1'-0"



SECTION 2
SCALE: 3/4" = 1'-0"



SECTION 3
SCALE: 3/4" = 1'-0"



SECTION 4
NO SCALE
(TYPICAL STAIR/LANDING FOUNDATION)



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FOUNDATION DESIGN

SECTIONS

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