

PROJECT 1007 - 16 CHETWOOD STREET, MILFORD, CT

COMMUNITY DEVELOPMENT BLOCK GRANT DISASTER RECOVERY PROGRAM

OWNER OCCUPIED REHABILITATION AND REBUILDING

CONNECTICUT DEPARTMENT OF HOUSING HARTFORD, CONNECTICUT 06118

GENERAL NOTES:

1. WHERE REFERENCED IN THIS PLAN SET, MARTINEZ COUCH & ASSOCIATES, LLC SHALL HEREIN BE REFERRED TO AS "MCA."
2. THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS.
3. THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE, AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
4. THE CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS IN THE FIELD AND CONTACT MCA IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS, SO THAT APPROPRIATE REVISIONS CAN BE MADE PRIOR TO BIDDING. ANY CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONFIRMED WITH MCA PRIOR TO BIDDING.
5. REFER TO OTHER PLANS, DETAILS, AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.

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SHEET NUMBER

T-0.0
 1 OF 1
 C-1.0
 C-1.0A
 C-1.1
 C-1.2
 C-1.3
 C-2.0
 C-2.1
 A-1.0
 A-1.1
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 A-2.1
 A-2.1A
 A-3.0
 A-3.1
 S-1
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STREET VIEW
(N.T.S.)

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PROJECT 1007
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 MILFORD, CONNECTICUT 06460

**ISSUED FOR BID
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NO.	DATE	REVISIONS	BY	CHK	APPV
2	11/5/2015	ISSUED FOR BIDDING	MBR	MBR	REC
1	10/26/2015	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC

DRAWN: KNL CHECKED: MBR APPROVED: REC SCALE: N.T.S. DATE: 10/26/2015

TITLE SHEET

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	T-0.0

SURVEY NOTES

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

PARCEL OWNER OF RECORD: BETTY COOPER
16 CHETWOOD ST.
MILFORD, CT 06460

PARCEL AREA = 2,400 SQ. FT., 0.055 ACRES.

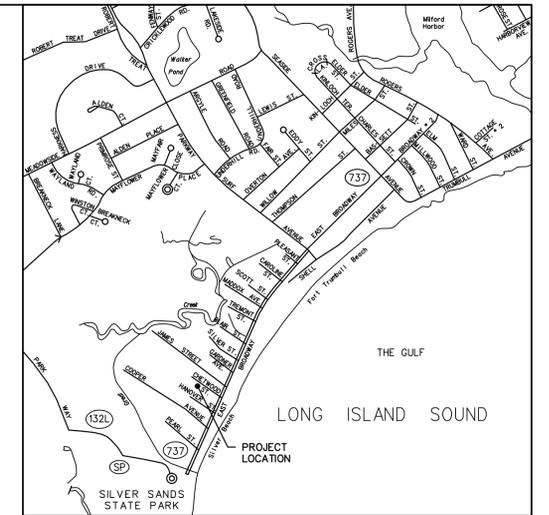
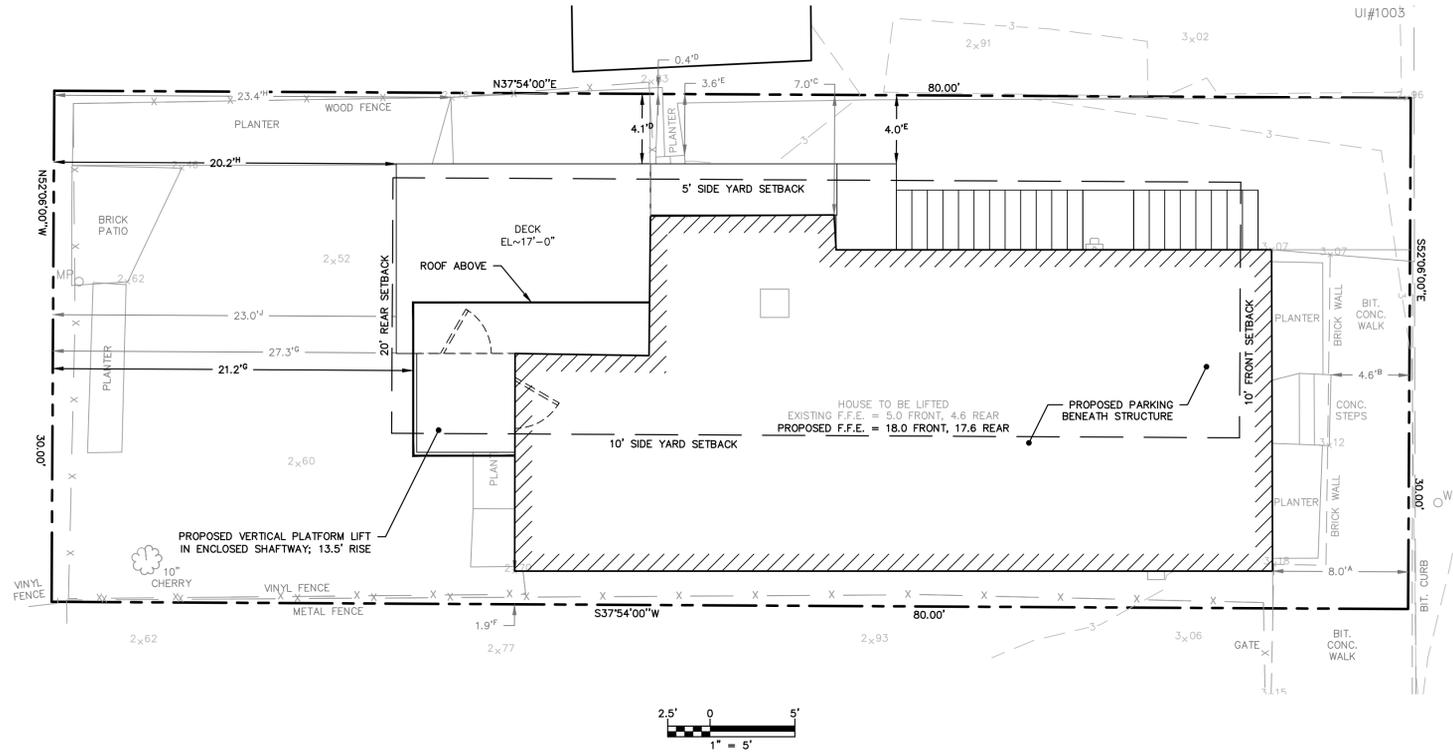
PARCEL IS IN THE R5 ZONING DISTRICT.

PARCEL ID: MAP 22, BLOCK 457, LOT 8, MILFORD ASSESSOR'S MAPPING.

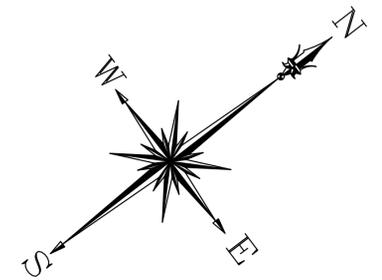
ENTIRE SUBJECT PARCEL IS IN ZONE AE (EL. 11) FLOOD ZONE AS SHOWN ON THE FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, CONNECTICUT PANEL 529 OF 635, MAP NUMBER 09009C0529J, MAP REVISED JULY 8, 2013 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

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'BYMACHOW-KANE, ASSOCIATES.



LOCATION MAP
1" = 1000'



AVERAGE GRADE CALCULATION

AVERAGE GRADE ELEVATION = (Σ(POINT ELEVATIONS))/(NUMBER OF POINTS)
 = (3.07 + 3.07 + 3.42 + 3.42 + 3.38 + 3.44 + 3.58 + 2.84 + 2.70 + 2.56 + 2.69 + 3.14 + 3.16 + 3.16) / (14 POINTS)
 = (43.63)/(14 POINTS)
 AVERAGE GRADE ELEVATION = 3.12

SYMBOLS LEGEND

◊	Utility Pole	—	Property Line
°WV	Water Valve	---4.7(C&A)	Coastal Jurisdiction Line
MP	Metal Post	---2.9(MHW)	Mean High Water
⊙IP(FD)	Iron Pin Found	—5	Contour Line
		⊙	Deciduous Tree
		16x32	Spot Grade

ZONING REGULATIONS (R-5)

	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA (SQ.FT.)	5,000	*2,400	*2,400
MIN. LOT WIDTH (FT.)	50	*30.0	*30.0
MIN. LOT DEPTH (FT.)	70	80.0	80.0
MIN. FRONT YARD (FT.)	SEE NOTE 1	*8.0 ^A / ^B *4.6 ^B	*8.0 ^A
MIN. EACH SIDE YARD (FT.)	SEE NOTE 2	*7.0 ^C / ^F *-0.4 ^D / ^I *3.6 ^E / ^H *1.9 ^J	*7.0 ^C / ^F *4.1 ^D / ^I *4.0 ^E / ^H *1.9 ^J
MIN. REAR YARD (FT.)	20	27.3 ^G / ^J *23.4 ^I / ^K *23.0 ^L	21.2 ^G / ^J *20.2 ^I / ^K
MAX. BUILDING HEIGHT (FT.)	35	19.7	32.7
MAX. BUILDING COVERAGE	45%	34.0%	35.5%
MAX. LOT COVERAGE	65%	63.5%	54.5%

- NOTES:**
1. TEN FEET OR THE ACTUAL FRONT YARD SETBACK, WHICHEVER IS GREATER; EXCEPT THAT THE MINIMUM REQUIRED FRONT YARD SHALL NOT BE REQUIRED TO EXCEED 20 FEET.
 2. ONE SIDE TEN (10) FEET; OTHER SIDE FIVE (5) FEET.
 3. PROJECTIONS INTO ANY REQUIRED YARD SHALL NOT EXCEED FOUR (4) FEET INTO ANY REQUIRED YARD NOR A DISTANCE EQUAL TO TWENTY PERCENT (20%) OF THE REQUIRED YARD. PROJECTION REQUIREMENTS ARE AS FOLLOWS:
 - 3.1. FRONT YARD: MINIMUM 8.0 FEET FROM STREET LINE
 - 3.2. SIDE YARD (NORTHWEST): MINIMUM 8.0 FEET FROM LOT LINE
 - 3.3. REAR YARD: MINIMUM 16.0 FEET FROM LOT LINE
- * PREEXISTING NONCONFORMITY
- A: SETBACK FROM PRINCIPAL BUILDING TO STREET LINE
 B: SETBACK FROM PROJECTING STEPS TO STREET LINE
 C: SETBACK FROM PRINCIPAL BUILDING TO NORTHWEST SIDE LOT LINE
 D: SETBACK FROM PROJECTING DECK TO NORTHWEST SIDE LOT LINE
 E: SETBACK FROM PROJECTING STEPS TO NORTHWEST SIDE LOT LINE
 F: SETBACK FROM PRINCIPAL BUILDING TO SOUTHEAST SIDE LOT LINE
 G: SETBACK FROM PRINCIPAL BUILDING TO REAR LOT LINE
 H: SETBACK FROM PROJECTING DECK TO REAR LOT LINE
 J: SETBACK FROM PROJECTING STEPS TO REAR LOT LINE

REFERENCE MAP:
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOH AT 16 CHETWOOD ST., MILFORD, CONNECTICUT; DATE: 01-30-2015; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC
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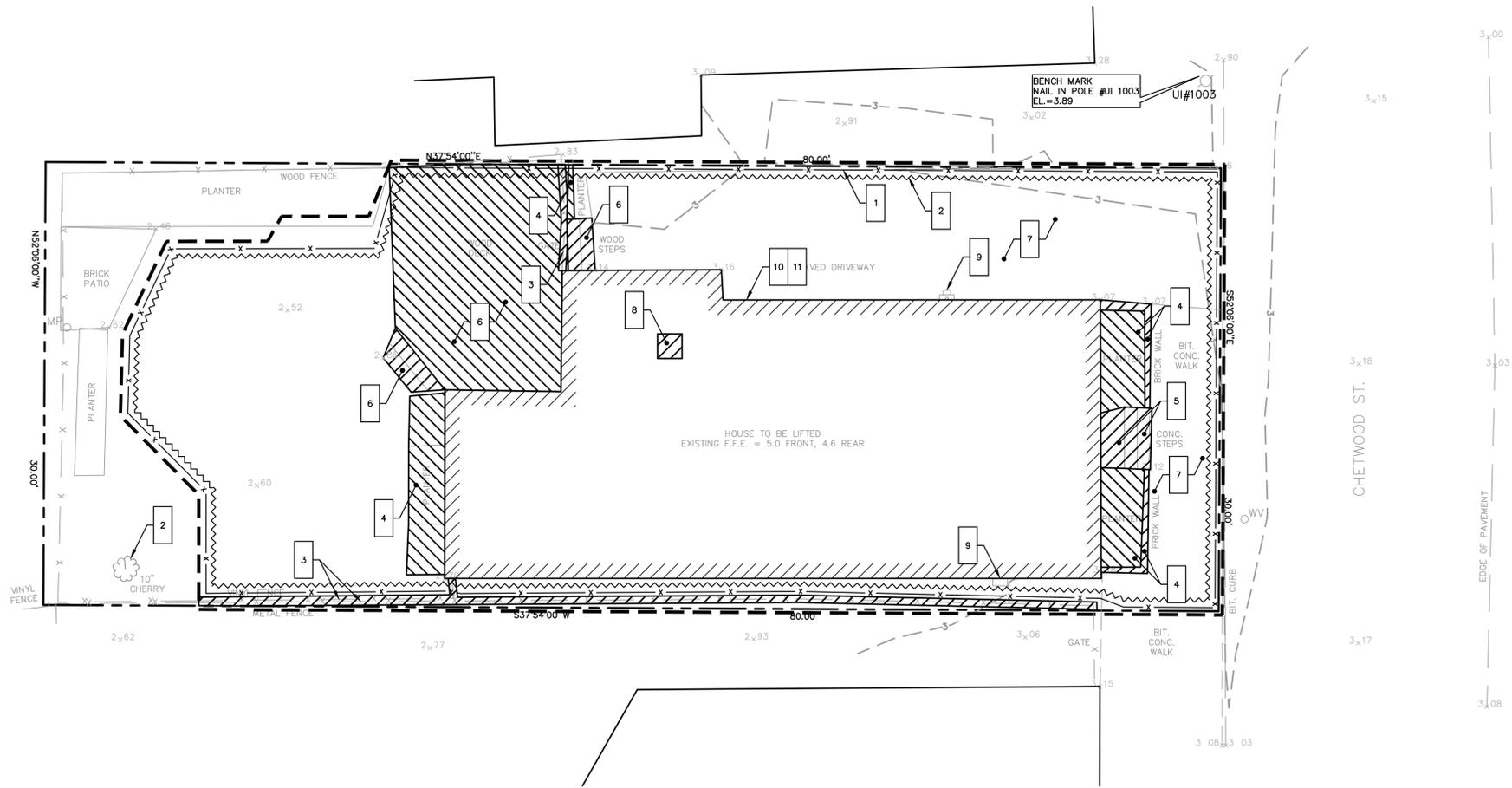
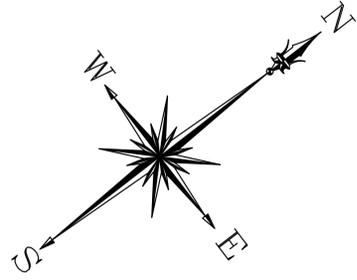
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DRAWN: KNL CHECKED: MBR APPROVED: REC SCALE: 1" = 5' DATE:					

IMPROVEMENT LOCATION PLAN - ALTERNATE 1

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	C-1.0A



SITE PLAN
 2.5' 0 5'
 1" = 5'

NOTE:
 WORK LIMITS DO NOT EXTEND OUTSIDE THE PROPERTY LINES AT 16 CHETWOOD ST., MILFORD, CONNECTICUT. "LIMIT OF WORK" LINES ARE DEPICTED OFFSET FROM THE PROPERTY LINES FOR VISUAL CLARITY, DUE TO MAP SCALE LIMITATIONS.

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LEGEND

- 1 WORK NOTE
- SITE FEATURE TO BE DEMOLISHED
- LIMIT OF WORK
- # DETAIL REFERENCE
 # = DETAIL NUMBER
 X = DETAIL SHEET NUMBER
- SILT FENCE
- CHAIN LINK FENCE
- EXISTING WOOD FENCE
- EXISTING PLASTIC FENCE
- EDGE OF EXISTING BITUMINOUS CONCRETE DRIVEWAY
- LIMIT OF EXISTING HOUSE AND FOUNDATION
- EXISTING GAS LINE
- EXISTING HEDGE
- EXISTING CONTOUR WITH ELEVATION LABEL
- EXISTING SPOT GRADE
- PROPERTY LINE

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 FENCE AROUND PERIMETER OF PROPERTY, AS SHOWN ON PLAN
2. INSTALL SILT FENCE AROUND PERIMETER OF PROPERTY, AS SHOWN ON PLAN. PROTECT CHERRY TREE AT SOUTHERN CORNER OF PROPERTY.
3. REMOVE VINYL FENCE AND GATE ADJACENT TO HOUSE ON NORTHWESTERN SIDE, AS SHOWN ON PLAN, AND PROTECT AND STORE ON SITE FOR REINSTALLATION; REMOVE VINYL FENCE ON SOUTHEASTERN SIDE OF PROPERTY, AS SHOWN ON PLAN, AND PROTECT AND STORE ON SITE FOR REINSTALLATION; REMOVE METAL CHAIN LINK FENCE ON SOUTHEASTERN SIDE OF PROPERTY, AS SHOWN ON PLAN, AND PROTECT AND STORE ON SITE FOR REINSTALLATION
4. DEMOLISH BRICK WALLS AND PLANTERS AT FRONT OF HOUSE, AND REMOVE OFF SITE; DEMOLISH WOOD PLANTERS AT BACK OF HOUSE, AND REMOVE OFF SITE; DEMOLISH WOOD PLANTER ADJACENT TO DECK ON NORTHERN SIDE, AND REMOVE OFF SITE.
5. DEMOLISH CONCRETE STEP AND LANDING AT FRONT OF HOUSE, AND REMOVE OFF SITE
6. DEMOLISH WOOD DECK AND STEPS ADJACENT TO HOUSE ON WESTERN SIDE, AND REMOVE OFF SITE
7. DEMOLISH BITUMINOUS CONCRETE WALK IN FRONT OF HOUSE AS REQUIRED TO COMPLETE WORK, AND REMOVE OFF SITE. DEMOLISH BITUMINOUS CONCRETE DRIVEWAY ADJACENT TO HOUSE ON NORTHWESTERN SIDE AS REQUIRED TO COMPLETE WORK, AND REMOVE OFF SITE.
8. DEMOLISH CHIMNEY, AND REMOVE OFF SITE. PROTECT ROOF PENETRATION FROM THE ELEMENTS UNTIL PERMANENT ROOF PATCH IS IN PLACE.
9. COORDINATE ALL UTILITY DISCONNECTS, INCLUDING WATER, ELECTRIC, GAS, AND TELECOMMUNICATIONS. REMOVE GAS METER FROM SOUTHEASTERN SIDE OF HOUSE, AND PROTECT AND STORE ON SITE FOR REINSTALLATION.
10. SUPPORT HOUSE AND LIFT TO PROPOSED ELEVATION
11. DEMOLISH EXISTING FOUNDATION, AND REMOVE OFF SITE
12. REMOVE TEMPORARY FENCING UPON COMPLETION OF CONSTRUCTION, AND REMOVE EROSION AND SEDIMENT CONTROLS AFTER STABILIZATION IS COMPLETE

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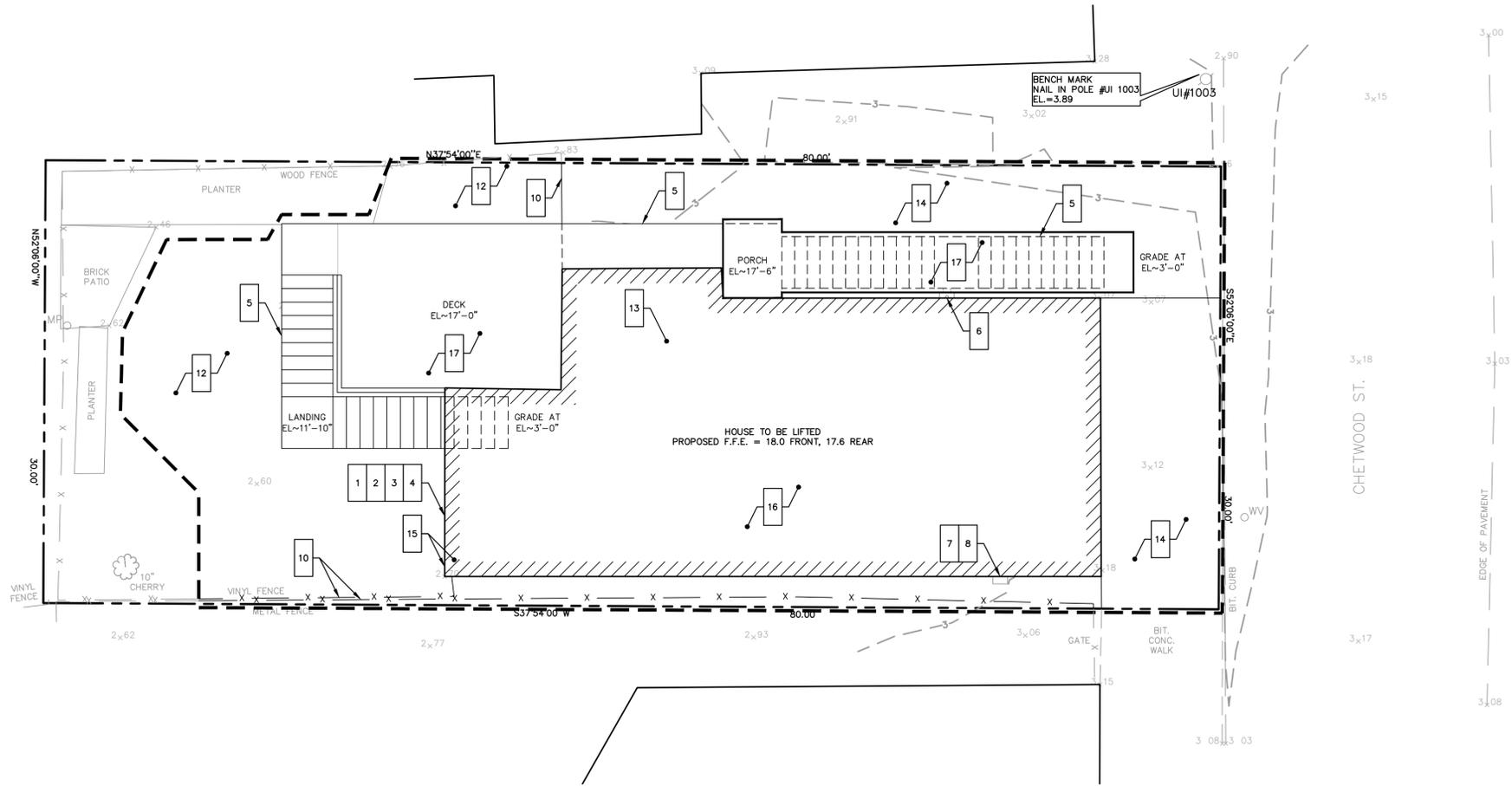
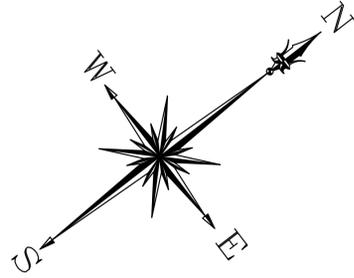
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SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION PLAN

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33-262-1007	BASEMAP 33-262-1007.dwg	C-1.1



SITE PLAN



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3. ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
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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.
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7. ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

WORK NOTES

- 1 SUPPORT HOUSE AND LIFT TO PROPOSED ELEVATION
- 2 INSTALL NEW FOUNDATION ON PILES 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; SEE STRUCTURAL DRAWINGS
- 5 INSTALL NEW DECK AND STAIRS AT NORTHWESTERN SIDE OF HOUSE AT PROPOSED ELEVATIONS; FURNISH AND INSTALL ALL MATERIALS FOR STAIRWAY CHAIR LIFT AT NORTHWESTERN STAIR CASE; SEE SPECIFICATION SECTION 14-41.19.
- 6 COORDINATE RECONNECTION OF OVERHEAD ELECTRICAL SERVICE TO EXISTING SERVICE MAST AT NORTHWESTERN SIDE OF HOUSE
- 7 REINSTALL GAS METER AT SOUTHEASTERN SIDE OF HOUSE
- 8 EXTEND WATER, GAS, AND SANITARY SERVICES TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT ALL SERVICES PER CONTRACT SPECIFICATIONS
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 RESET VINYL FENCE AND GATE ADJACENT TO HOUSE ON NORTHWESTERN SIDE OF PROPERTY AS SHOWN ON PLAN; RESET VINYL FENCE ON SOUTHEASTERN SIDE OF PROPERTY AS SHOWN ON PLAN; RESET METAL CHAIN LINK FENCE ON SOUTHEASTERN SIDE OF PROPERTY AS SHOWN ON PLAN
- 11 FURNISH AND INSTALL ALL MATERIALS TO BUILD WOOD PLANTERS; COORDINATE LOCATIONS WITH OWNER
- 12 LOAM AND SEED AREAS PREVIOUSLY COVERED BY WOOD DECK NOT COVERED BY NEW DECK OR STAIRS; LOAM AND SEED ANY BARE AREAS
- 13 FURNISH AND INSTALL ALL MATERIALS TO PATCH ROOF WHERE CHIMNEY WAS REMOVED; MATCH EXISTING CONSTRUCTION. FURNISH AND INSTALL ALL MATERIALS FOR NEW METAL FIREPLACE FLUE. SEE ARCHITECTURAL PLANS.
- 14 LOAM AND SEED FORMER DRIVEWAY ON NORTHWESTERN SIDE OF HOUSE. PAVE ACCESS DRIVE FOR BENEATH-HOUSE PARKING ON NORTHEASTERN (STREET) SIDE OF HOUSE.
- 15 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 16 FURNISH AND INSTALL 12-INCH THICK LAYER OF 3/4-INCH CRUSHED STONE BENEATH MAIN STRUCTURE. PAVE ACCESS WALK TO REAR STAIRS.
- 17 MULCH AREA BENEATH DECKS AND ACCESS STAIRS. RESTORE EXTERIOR AREAS TO PRE-CONSTRUCTION CONDITIONS OR BETTER.

LEGEND

- 1 WORK NOTE
- LIMIT OF WORK
- #/C-2.X DETAIL REFERENCE
= DETAIL NUMBER
X = DETAIL SHEET NUMBER
- EXISTING WOOD FENCE
- EXISTING PLASTIC FENCE
- EDGE OF EXISTING BITUMINOUS CONCRETE DRIVEWAY
- LIMIT OF ELEVATED HOUSE
- G --- EXISTING GAS LINE
- EXISTING HEDGE
- EXISTING CONTOUR WITH ELEVATION LABEL
- 7x29 EXISTING SPOT GRADE
- 7x5 PROPOSED SPOT GRADE
- PROPERTY LINE



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SITE PLAN - BASE BID

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	C-1.2

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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, 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.
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BUILDING UTILITY GENERAL NOTES

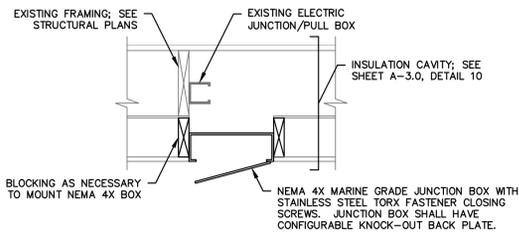
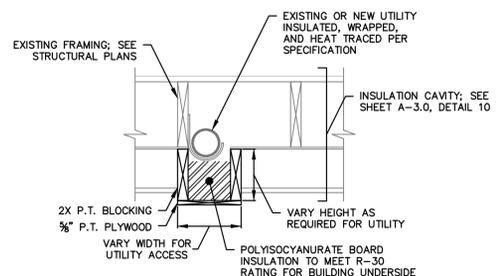
1. PLAN REPRESENTATION OF BUILDING UTILITIES ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PREPARE AND SUBMIT ALL COORDINATION DRAWINGS AS REQUIRED BY SPECIFICATION DIVISIONS 22, 23, AND 26 AND SUBMIT TO THE ENGINEER FOR APPROVAL.
2. FOR COMPLETE BUILDING UTILITY WORK REQUIREMENTS REFER TO CONTRACT SPECIFICATIONS.
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.

WORK NOTES

1. COORDINATE RECONNECTION OF OVERHEAD ELECTRICAL SERVICE TO EXISTING SERVICE MAST AT NORTH SIDE OF HOUSE. RECONNECT ELECTRICAL SERVICE METER OR REPLACE AS REQUIRED BY UTILITY PROVIDER. INSTALL ELECTRICAL SERVICE METER AT UTILITY PROVIDER APPROVED LOCATION ON ELEVATED DECK/WALK ABOVE 100-YEAR FEMA FLOOD ELEVATION 11.0 (NAVD88).
2. EXTEND WATER, GAS, AND SANITARY SERVICES TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT ALL SERVICES PER CONTRACT SPECIFICATIONS
3. DISCONNECT GAS-FIRED FURNACE AND HOT WATER HEATER PRIOR TO HOME ELEVATION IN MECHANICAL ROOM; RECONNECT, BALANCE, AND COMMISSION AFTER HOME ELEVATION
4. COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
5. RELOCATE/EXTEND VENT AND INTAKE FOR TANKLESS HOT WATER HEATER TO APPROVED LOCATION PER MANUFACTURER REQUIREMENTS AND AUTHORITIES HAVING JURISDICTION
6. RECONNECT GAS METER OR REPLACE AS REQUIRED BY UTILITY PROVIDER. EXTEND NATURAL GAS SERVICE PIPING TO BUILDING ENVELOPE AFTER HOME ELEVATION. COORDINATE RELOCATION OF GAS METER ADJACENT TO NEW CONCRETE COLUMN.
7. EXISTING WATER METER LOCATION UNKNOWN. FIELD VERIFY LOCATION AND SALVAGE FOR REINSTALLATION. REINSTALL WATER METER OR REPLACE AS REQUIRED BY THE REGIONAL WATER AUTHORITY RULES AND REGULATIONS. DOMESTIC WATER SERVICE LINE TO BE REPLACED AS DISTURBED BY CONSTRUCTION ACTIVITY, BUT NOT BEYOND PROPERTY LINE.
8. LOCATION OF SANITARY SERVICE LATERAL UNKNOWN. SANITARY DRAIN PIPING TO BE REPLACED FROM BUILDING UNDERSIDE ENVELOPE TO PROPERTY LINE. NEW SOIL STACK AND HORIZONTAL RUN TO PROPERTY LINE TO BE 6" AWWA C900 PIPE. VERTICAL DROP TO BE LOCATED ADJACENT TO NEW STRUCTURAL COLUMN, AND DRAIN PIPING TO BE REROUTED AS REQUIRED. SEE SANITARY DRAIN SCHEMATIC, THIS SHEET.
9. RELOCATE/RELOCATE HOSE BIB TO ELEVATED DECK; FURNISH AND INSTALL NEW NON FREEZE WALL HYDRANT
10. FURNISH AND INSTALL TWO 'KEYLESS TYPE' EXTERIOR LIGHT FIXTURES FOR COVERED STAIR. CONNECT TO EXISTING CIRCUIT. USE ELECTRIC METALLIC TUBING AS CONDUIT FOR CONDUCTOR CABLING. ATTACH CONDUIT TO COVERED STAIR ROOF TO BUILDING ENVELOPE. FURNISH AND INSTALL FIXTURE CONTROLS FOR MOTION DETECTION OPERATION.
11. ALTERNATE 1 - FURNISH AND INSTALL ONE HOMERUN CIRCUIT TO EXISTING PANELBOARD AND NEW 20 AMP CIRCUIT BREAKER FOR VERTICAL PLATFORM LIFT POWER SUPPLY. FURNISH AND INSTALL ONE LIGHT FIXTURE INSIDE SHAFTWAY ENCLOSURE. FIXTURE TO BE POWERED BY EXISTING CIRCUIT FOR EXTERIOR LIGHTING. INSTALL LIGHTING CONTROLS WITH 3 WAY SWITCHED OPERATION. SWITCH LOCATIONS TO BE COORDINATED IN FIELD WITH MCA.

LEGEND

- 1 WORK NOTE
- # = DETAIL NUMBER
- X = DETAIL SHEET NUMBER
- LIMIT OF ELEVATED HOUSE
- OH — EXISTING OVERHEAD LINE
- SNET #6.3 EXISTING UTILITY POLE
- WV EXISTING WATER VALVE

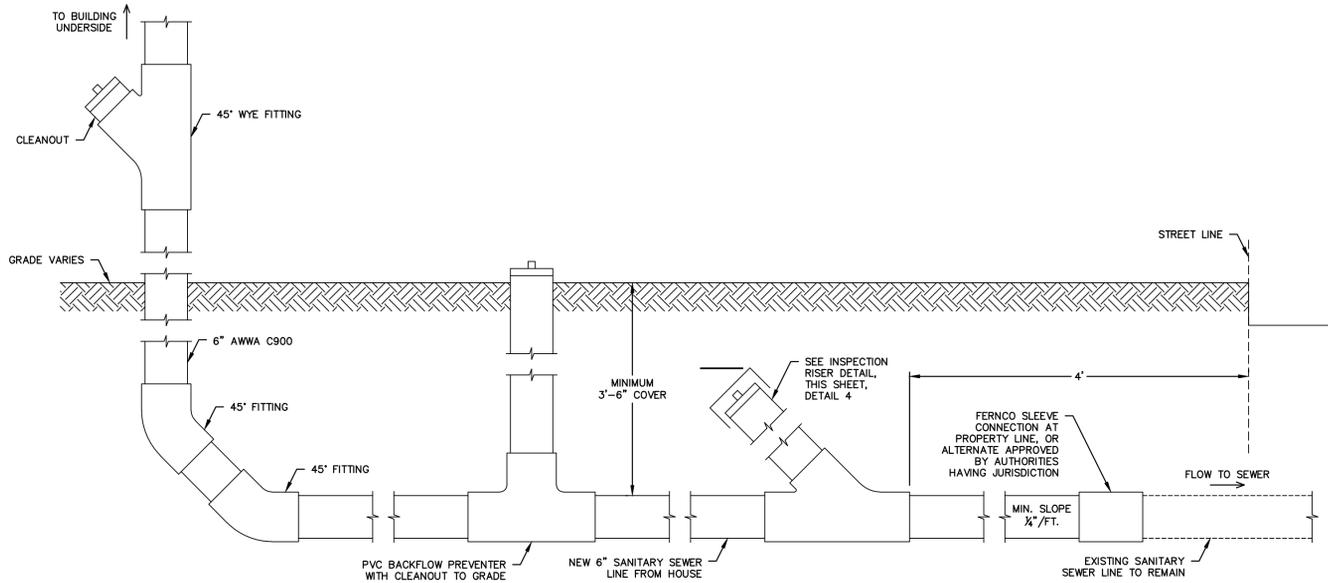


1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. WIDTH OF UTILITY CHASE SHALL BE FIELD VERIFIED WITH CONTRACTOR AND ENGINEER FOR PROPER ACCESS TO REPLACE, REPAIR, OR MAINTAIN SUBJECT UTILITY.
3. UTILITY CHASE SHALL BE CONSTRUCTED FOR NATURAL GAS SERVICE, SANITARY SEWER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

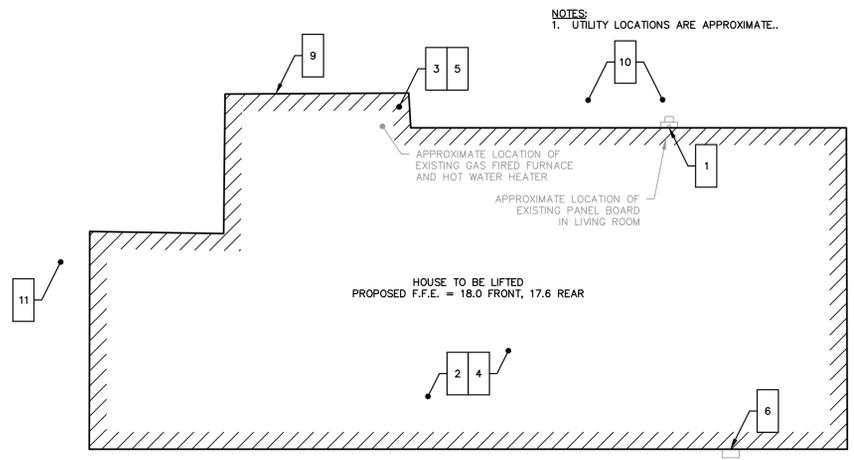
1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. CONTRACTOR SHALL VERIFY IN FIELD AND REVIEW WITH ENGINEER LOCATIONS OF EXISTING JUNCTION/PULL BOXES FOR NEW ACCESS BOX INSTALLATION.
3. NEMA JUNCTION BOX SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS, FLUSH WITH SURROUNDING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

1 UTILITY ACCESS CHASE
C-1.3 1" = 1'

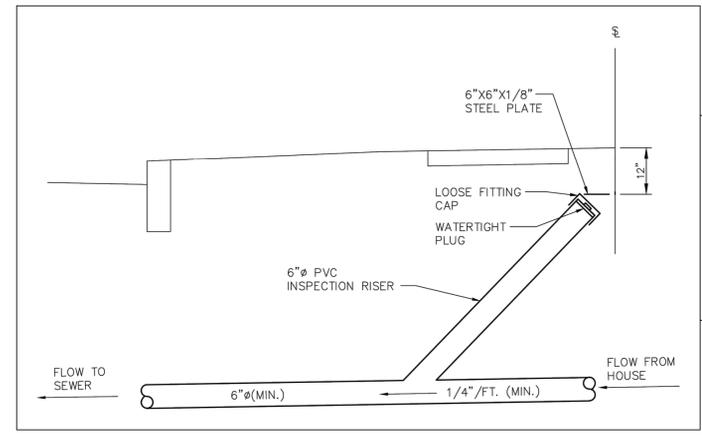
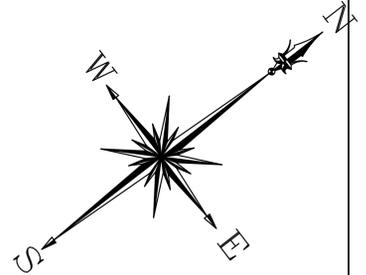
2 ELECTRICAL JUNCTION BOX ACCESS
C-1.3 1" = 1'



3 SANITARY DRAIN SCHEMATIC
C-1.3 1" = 1'



SITE PLAN



4 INSPECTION RISER
C-1.3 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 WATER TIGHT 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.

REFERENCE MAP:
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOH AT 16 CHETWOOD ST., MILFORD, CONNECTICUT; DATE: 01-30-2015; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC

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PROJECT 1007
16 CHETWOOD STREET
MILFORD, CONNECTICUT 06460

**ISSUED FOR BID
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
2	11/5/2015	ISSUED FOR BIDDING	MBR	MBR	REC
1	10/26/2015	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
DRAWN: CMP CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE:					

BUILDING UTILITY PLAN

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	C-1.3

SEEDING SCHEDULE

PERMANENT SEEDING

PERMANENT SEEDING SHALL BE ACCOMPLISHED WITH ONE OF THE FOLLOWING SEEDING MIXTURES:

SEED MIXTURE	KIND OF AREA:	
	LAWNS AND HIGH MAINTENANCE AREAS	
	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

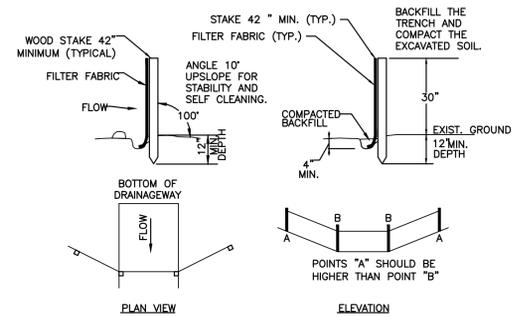
SEED MIXTURE	LBS./ACRE	LBS./1,000 SQ.FT.	DATE (1)(3)	DEPTH (2)
ANNUAL RYEGRASS	40	1.0	8/1-10/1	0.5 INCHES
			3/1-6/15	

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

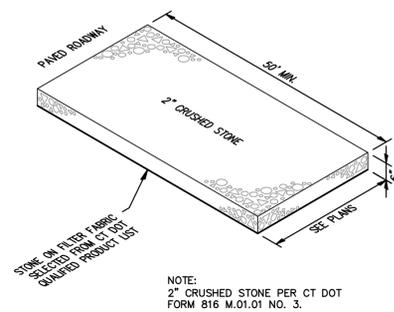
MULCHES	PER ACRE	PER 1,000 SQ.FT.	NOTES
STRAW OR HAY	1/2-2 TONS	70-90 LBS	FREE FROM MATTER AND COARSE MATTER. MUST BE ANCHORED. SPREAD WITH MULCH BLOWER OR BY HAND.

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 TRACK PAD
 C-2.0 N.T.S.

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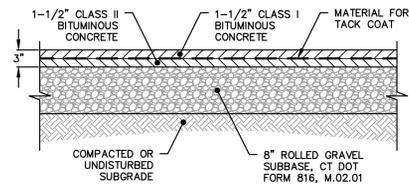
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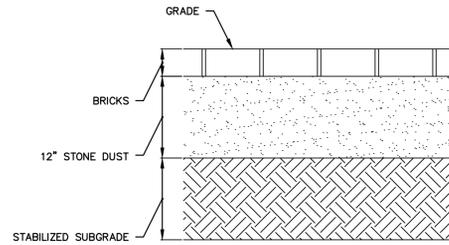
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**SOIL EROSION AND
 SEDIMENT CONTROL DETAILS**

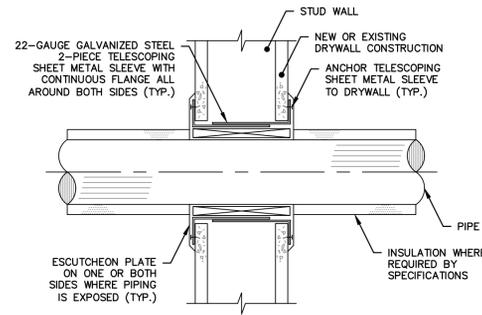
JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	C-2.0



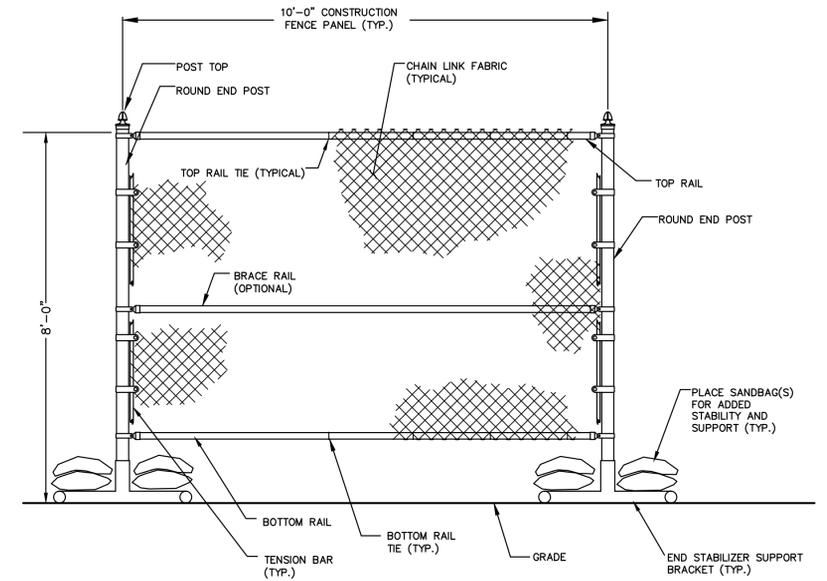
1 TYPICAL BITUMINOUS DRIVEWAY
C-2.1 N.T.S.



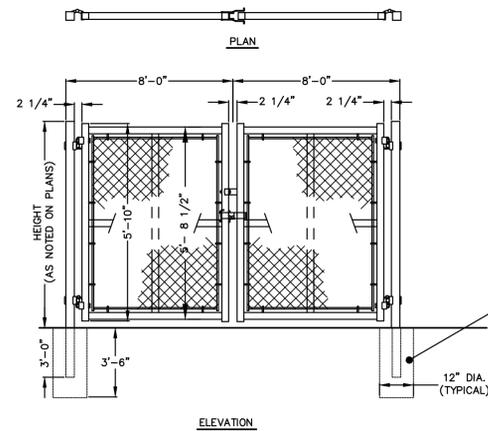
2 TYPICAL BRICK WALKWAY
C-2.1 N.T.S.



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

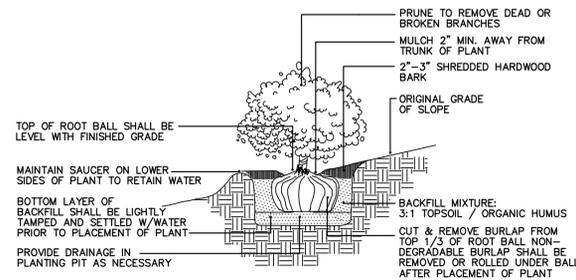


4 TYPICAL PORTABLE CONSTRUCTION CHAIN LINK FENCE
C-2.1 N.T.S.

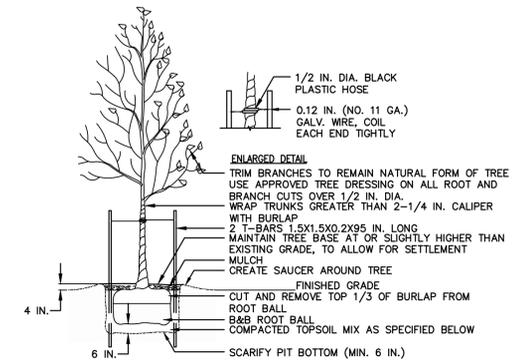


- NOTES:
 1. GATES SHOULD OPEN TOWARD SITE, AWAY FROM STREET.
 2. GATES SHALL HAVE LOCKING MECHANISM THAT CAN BE PADLOCKED.
 3. METAL TRIPODS MAY BE USED FOR BOTTOM SUPPORTS INSTEAD OF MOUNTING INTO THE GROUND.
 4. MATERIALS, METHODS OF INSTALLATION SHALL BE CONFORM TO STATE OF CT DEPARTMENT OF TRANSPORTATION 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.

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MISCELLANEOUS DETAILS

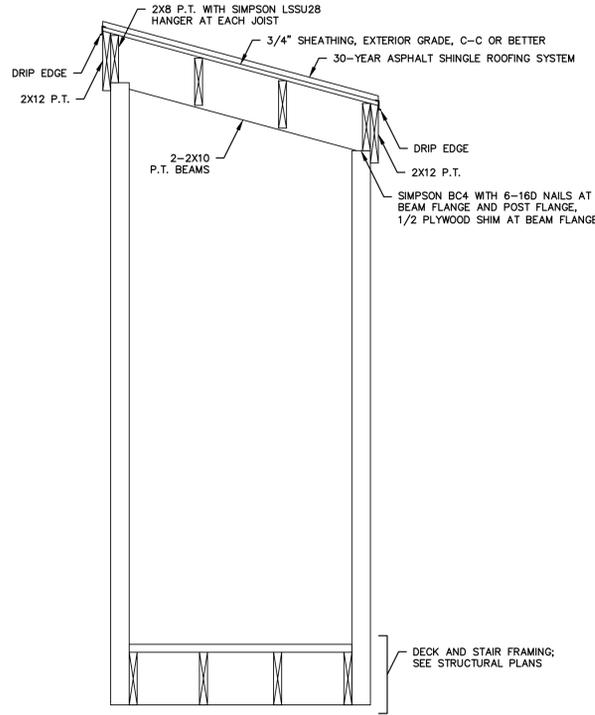
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GENERAL NOTES

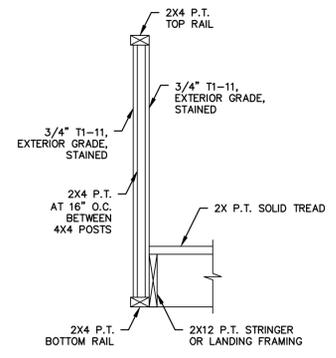
1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED 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.

FRAMING PLAN NOTES

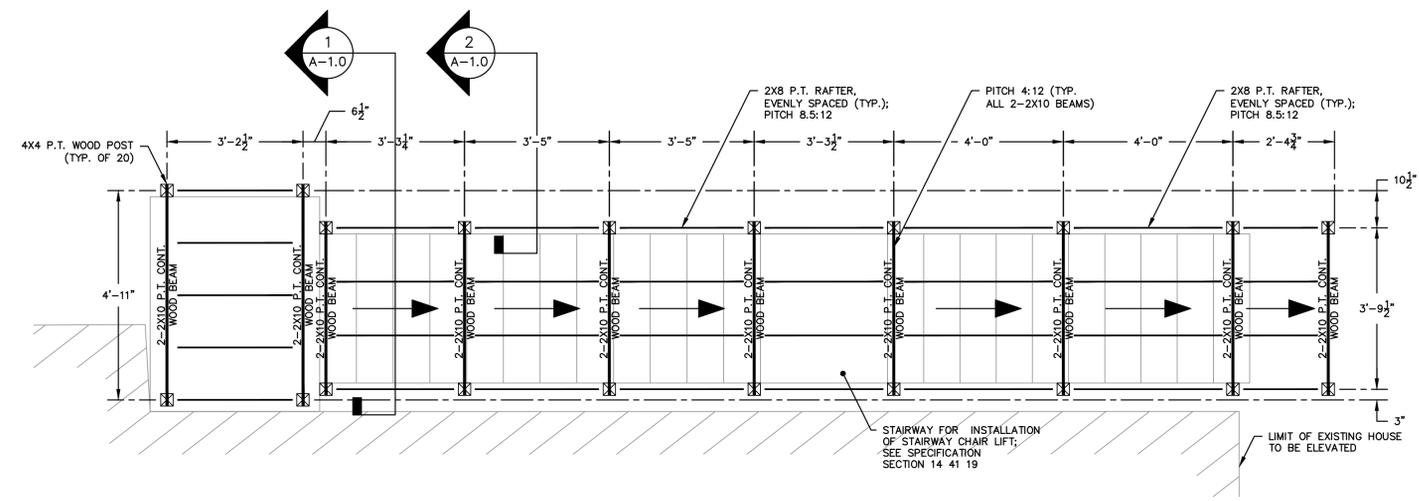
1. PLAN DIMENSIONS SHALL BE FIELD VERIFIED BY CONTRACTOR FOR ACTUAL LOCATION OF CONSTRUCTED STAIRS.
2. ALL NAILING SHALL BE PER INTERNATIONAL BUILDING CODE TABLE 2304.9.1
3. SIMPSON PRODUCTS SPECIFIED SHALL BE FURNISHED AND INSTALLED AS SPECIFIED OR APPROVED EQUAL PRODUCTS.
4. SIMPSON PRODUCTS TO BE INSTALLED PER MANUFACTURER AND INTERNATIONAL CODE COUNCIL APPROVED AND RATED METHODS
5. MINIMUM HEAD ROOM CLEARANCE SHALL BE 84" AT ALL LOCATIONS IN COVERED STAIRS



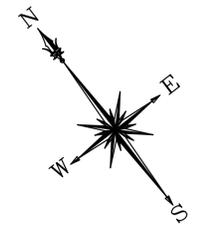
1 COVERED STAIR SECTION
A-1.0 N.T.S.



2 CLOSED STAIR GUARD SECTION
A-1.0 N.T.S.



3 COVERED STAIR FRAMING PLAN
A-1.0 1/2" = 1'-0"



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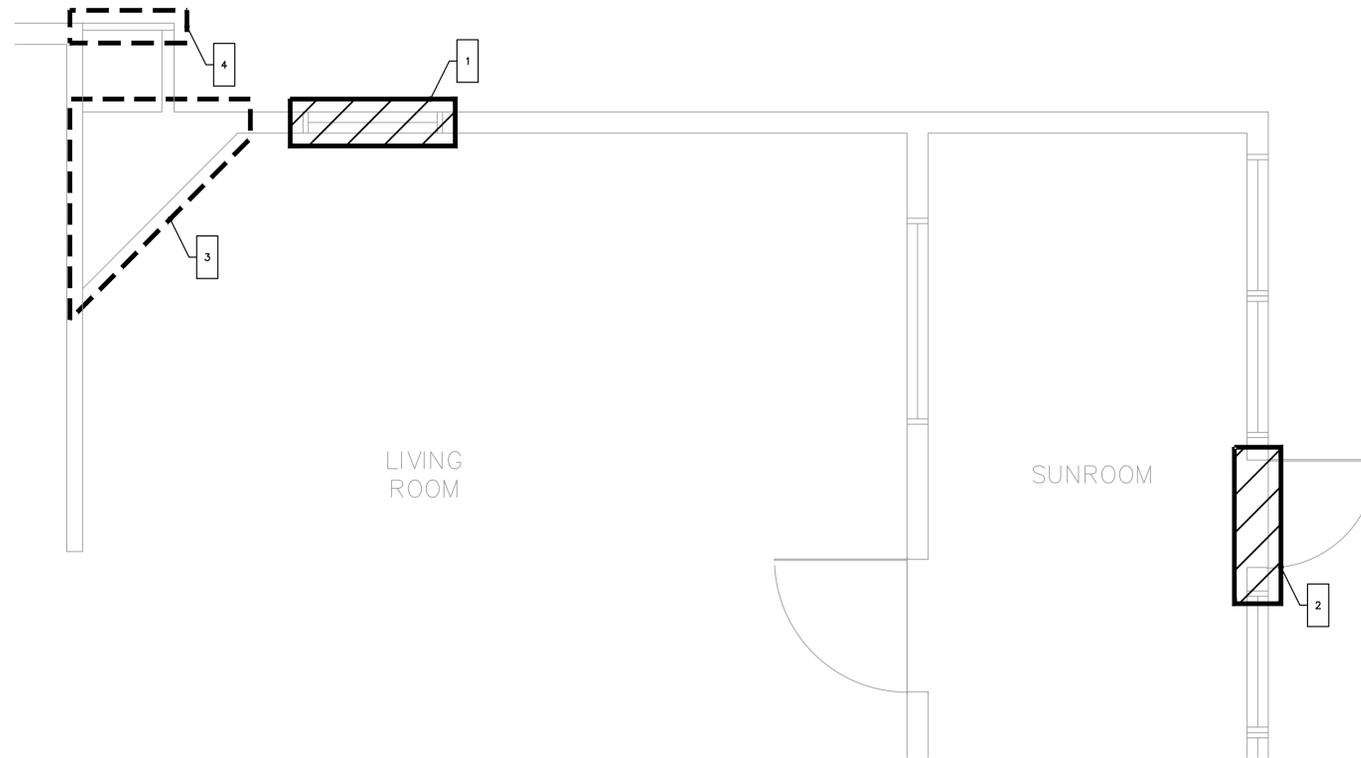
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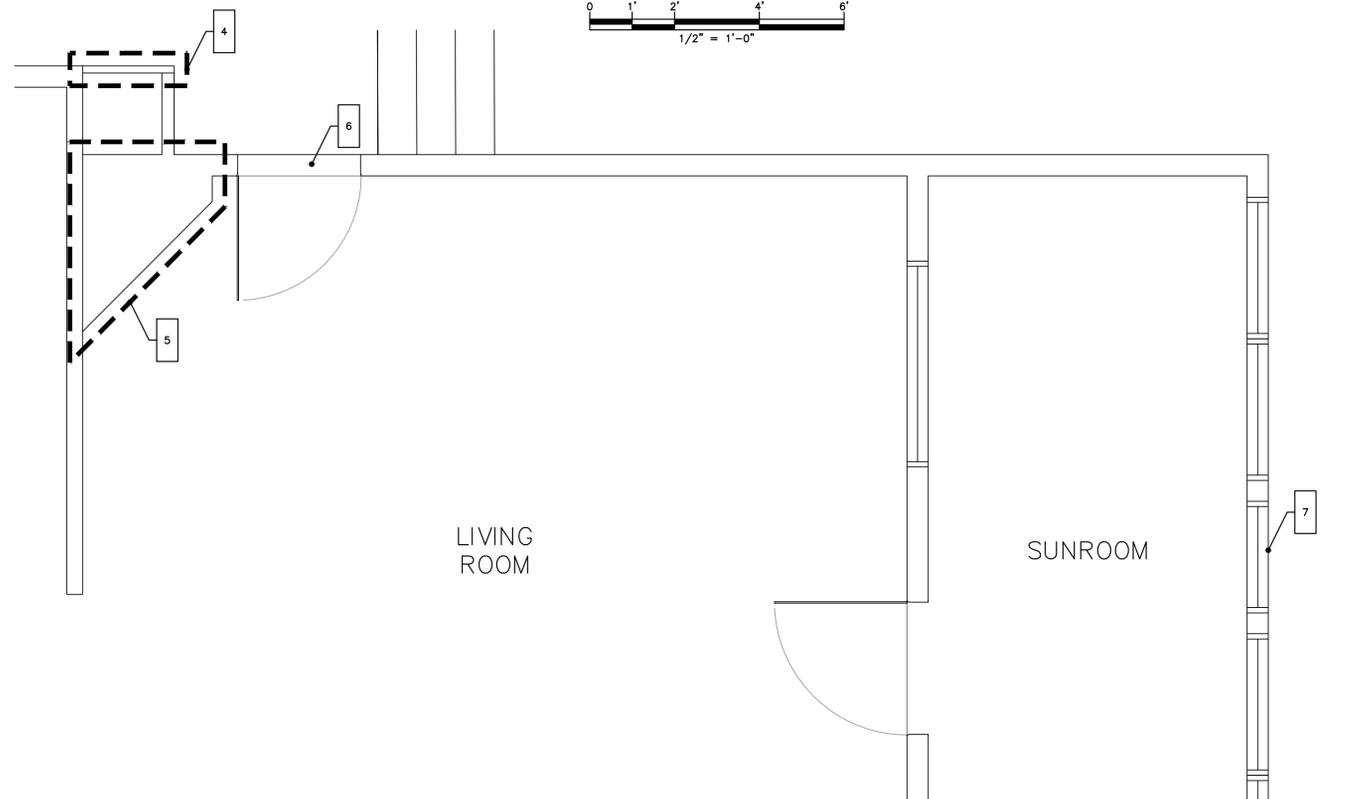
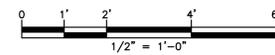
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DRAWN: MBR/KNL CHECKED: MBR APPROVED: REC SCALE: AS NOTED DATE:					

ACCESS PLAN -
BASE BID

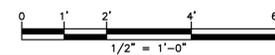
JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	A-1.0



EXISTING CONDITIONS PLAN



PROPOSED CONDITIONS PLAN



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.
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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. EXISTING WINDOW TO BE REMOVED FOR INSTALLATION OF NEW DOOR; PROTECT BUILDING ENVELOPE AND INTERIOR UNTIL NEW DOOR, FRAMING, AND BUILDING SHELL PATCHING ARE COMPLETE.
2. FRONT DOOR TO BE REMOVED; PROTECT BUILDING ENVELOPE AND INTERIOR UNTIL NEW WINDOWS, WALL FRAMING, AND BUILDING SHELL PATCHING ARE COMPLETE.
3. EXISTING HEARTH TO REMAIN; BRICK MASONRY CHIMNEY TO BE REMOVED; INTERIOR FINISH WORK TO BE CUT, PATCHED, AND REPAIRED AS REQUIRED.
4. MODIFY DOOR TO TANKLESS WATER HEATER TO OPEN TO NEW ELEVATED WALKWAY.
5. FURNISH AND INSTALL ALL MATERIALS FOR NEW METAL FLUE FOR FIREPLACE IN LOCATION OF FORMER CHIMNEY; FLUE TO EXTEND FROM FIRST FLOOR TO 3' ABOVE ROOF PEAK; PATCH AND REPAIR ALL FINISHES FROM SELECTIVE DEMOLITION OF CHIMNEY TO MCA'S APPROVAL.
6. FURNISH AND INSTALL NEW EXTERIOR DOOR WITH MINIMUM 32" WIDTH; CUT, PATCH, AND REFRAME AS NECESSARY FOR COMPLETE DOOR INSTALLATION; MATCH EXISTING ADJACENT TRIM AND FINISH IN ROOM.
7. FURNISH AND INSTALL NEW WINDOW IN LOCATION OF FORMER DOOR; CUT, PATCH, AND REFRAME AS NECESSARY FOR COMPLETE WINDOW INSTALLATION; MATCH EXISTING ADJACENT TRIM AND FINISH IN ROOM.

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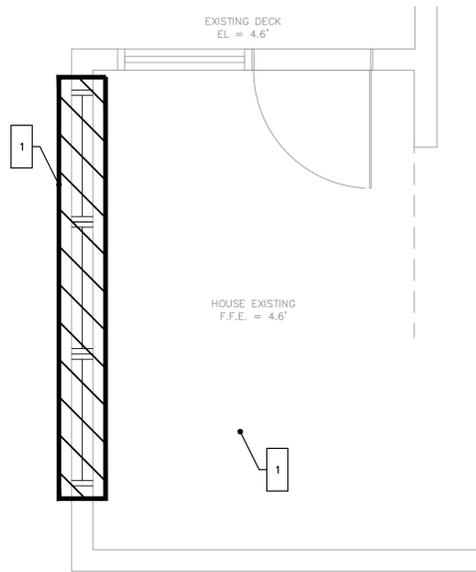
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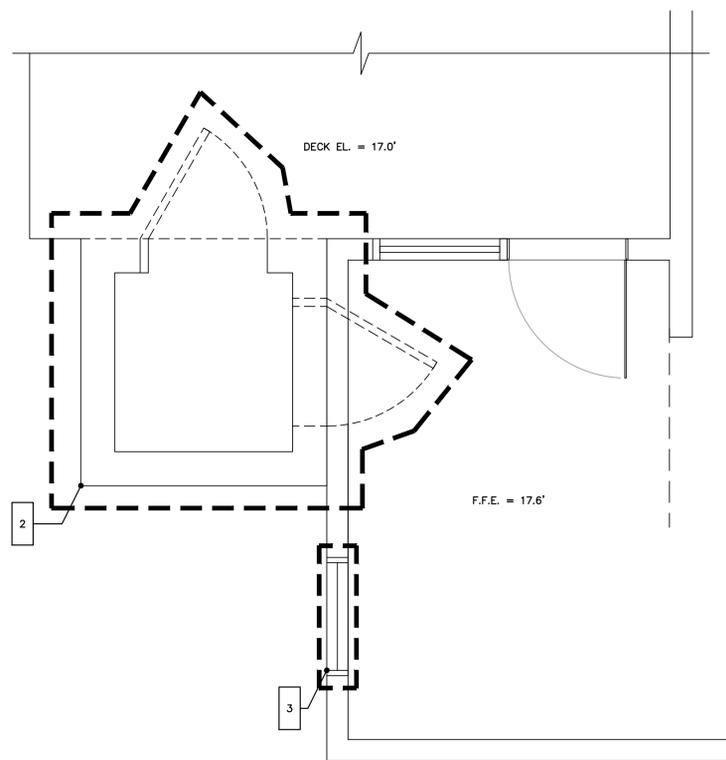
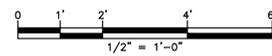
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PARTIAL INTERIOR PLANS

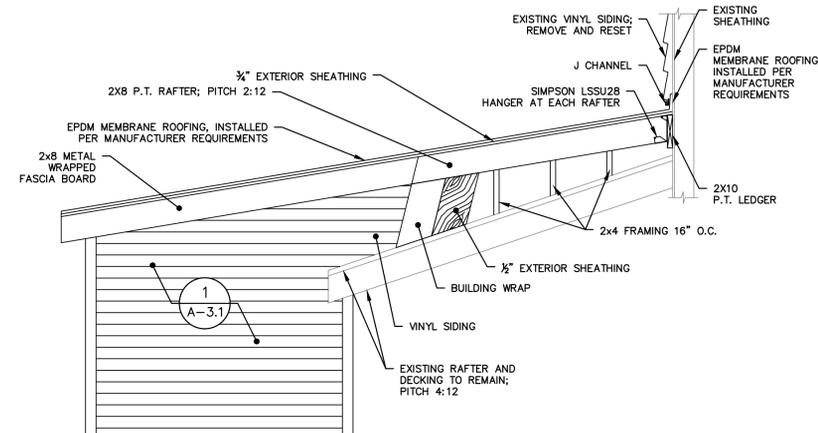
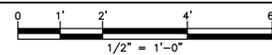
JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	A-1.1



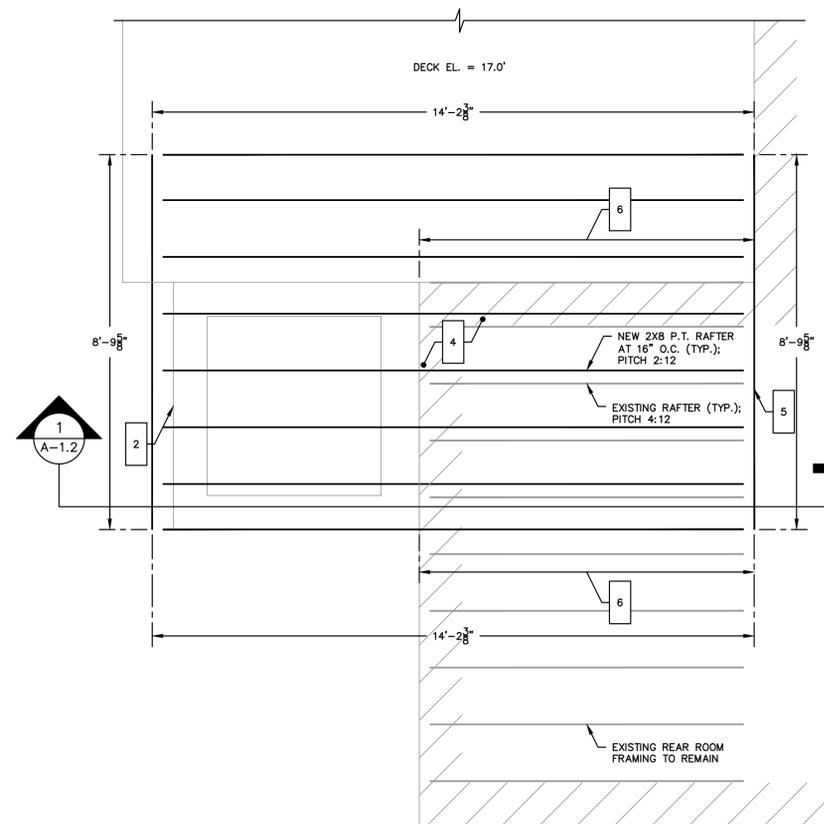
EXISTING CONDITIONS PLAN



**PROPOSED CONDITIONS PLAN
ELEVATED FIRST FLOOR**



1 ROOF MODIFICATIONS SECTION
1/4" = 1'-0"



2 ROOF FRAMING PLAN
1/2" = 1'-0"

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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.

WORK NOTES

1. EXISTING WINDOWS AND SKYLIGHT TO BE REMOVED FOR INSTALLATION OF VERTICAL PLATFORM LIFT SHAFTWAY; PROTECT BUILDING ENVELOPE AND INTERIOR UNTIL NEW FRAMING AND BUILDING SHELL PATCHING ARE COMPLETE
2. NEW SHAFTWAY FOR VERTICAL PLATFORM LIFT; SEE SHEET A-3.1
3. FURNISH AND INSTALL NEW VINYL PICTURE WINDOW
4. FURNISH AND INSTALL MATERIALS FOR MODIFIED ROOF OVER PORTION OF REAR ROOM, SHAFTWAY, AND DECK
5. REMOVE, RESET, AND RE-TRIM VINYL SIDING FOR NEW 2X10 LEDGER AND ROOF INSTALLATION; SEE ROOF MODIFICATIONS SECTION, THIS SHEET
6. FURNISH AND INSTALL ALL MATERIALS FOR NEW 2X4 FRAMED SIDEWALL WITH 1/2" SHEATHING, BUILDING WRAP, AND VINYL SIDING COVERING. FLASH SIDE WALL/SHED ROOF INTERFACE.

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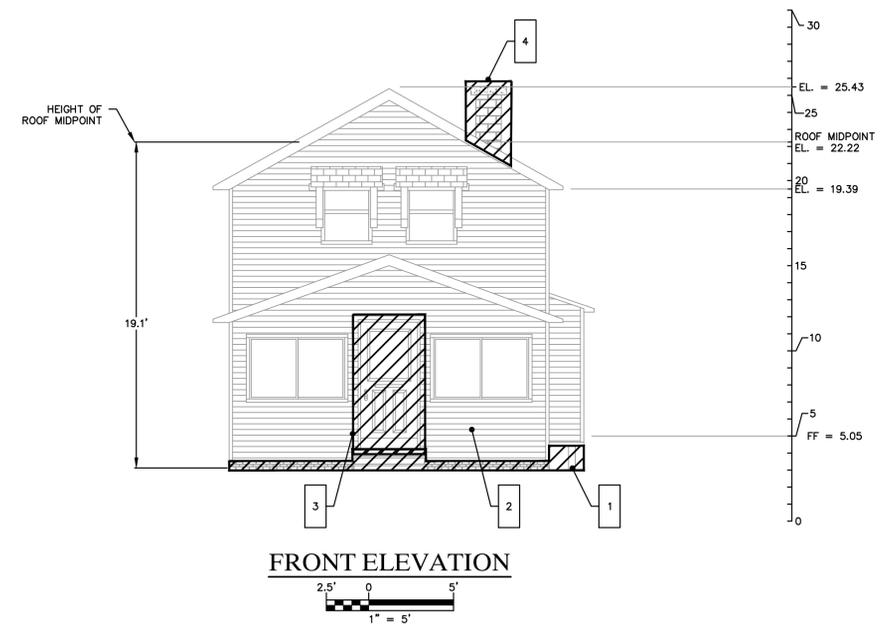
PROJECT 1007
16 CHETWOOD STREET
MILFORD, CONNECTICUT 06460

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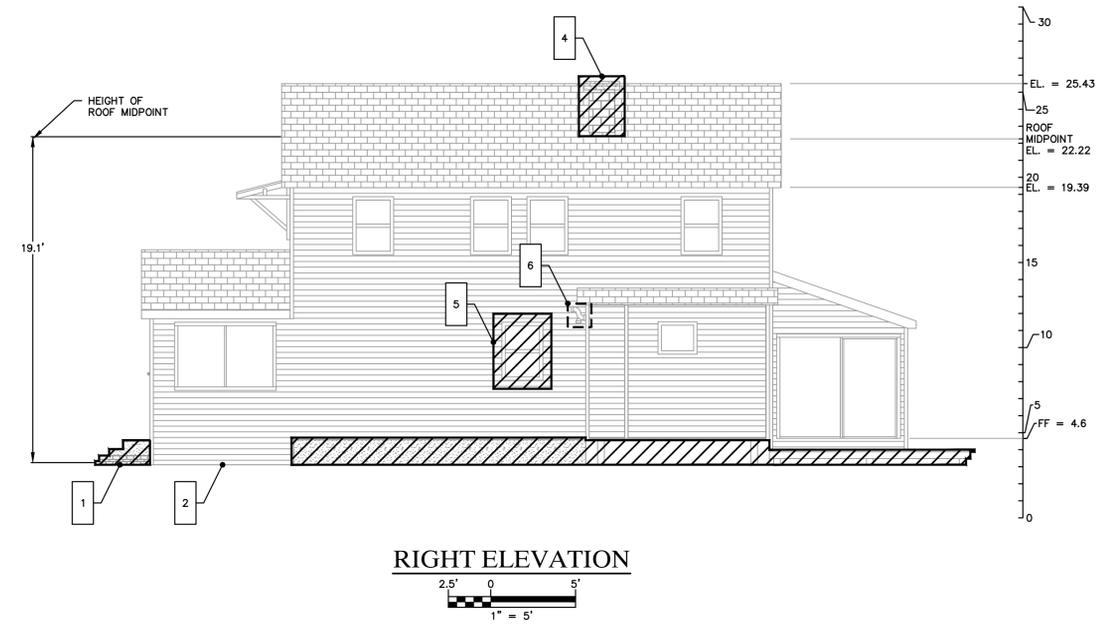
NO.	DATE	REVISIONS	BY	CHK	APPV
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1	10/26/2015	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
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**REAR ROOM
MODIFICATIONS -
ALTERNATE 1**

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	A-1.2



FRONT ELEVATION



RIGHT ELEVATION

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.
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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 OFF SITE EXISTING FRONT STEPS, REAR DECK, FOUNDATION, AND ALL SUBSURFACE SUPPORTS
- 2 REMOVE VINYL SIDING SECTIONS AS REQUIRED FOR SELECTIVE DEMOLITION AND BUILDING ELEVATION; PROTECT AND STORE SECTIONS ON SITE FOR REINSTALLATION
- 3 FRONT DOOR TO BE REMOVED; PROTECT BUILDING ENVELOPE AND INTERIOR UNTIL NEW WINDOWS, WALL FRAMING, AND BUILDING SHELL PATCHING ARE COMPLETE
- 4 DEMOLISH CHIMNEY AND REMOVE OFFSITE; PROTECT ROOF PENETRATION AND BUILDING FROM DAMAGE BY THE ELEMENTS UNTIL PERMANENT ROOF PATCH IS IN PLACE
- 5 EXISTING WINDOW TO BE REMOVED FOR INSTALLATION OF NEW DOOR; PROTECT BUILDING ENVELOPE AND INTERIOR UNTIL NEW DOOR, FRAMING, AND BUILDING SHELL PATCHING ARE COMPLETE
- 6 EXISTING EXHAUST VENT AND COMBUSTION AIR INTAKE FOR EXISTING TANKLESS WATER HEATER TO BE RELOCATED. PATCH LOCATIONS TO MATCH EXISTING ADJACENT CONDITIONS.

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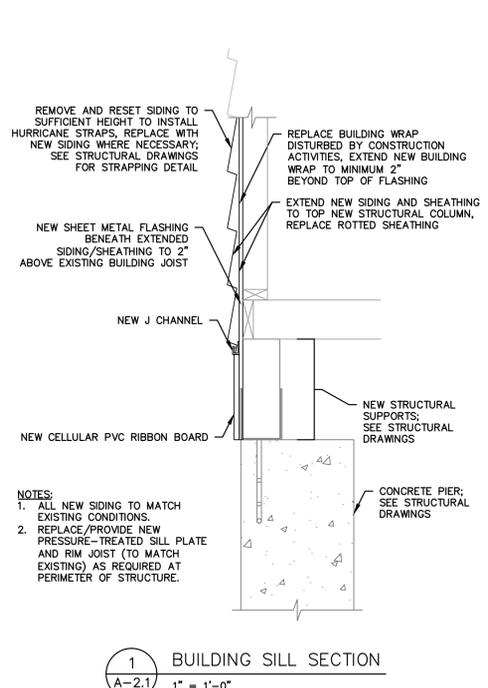
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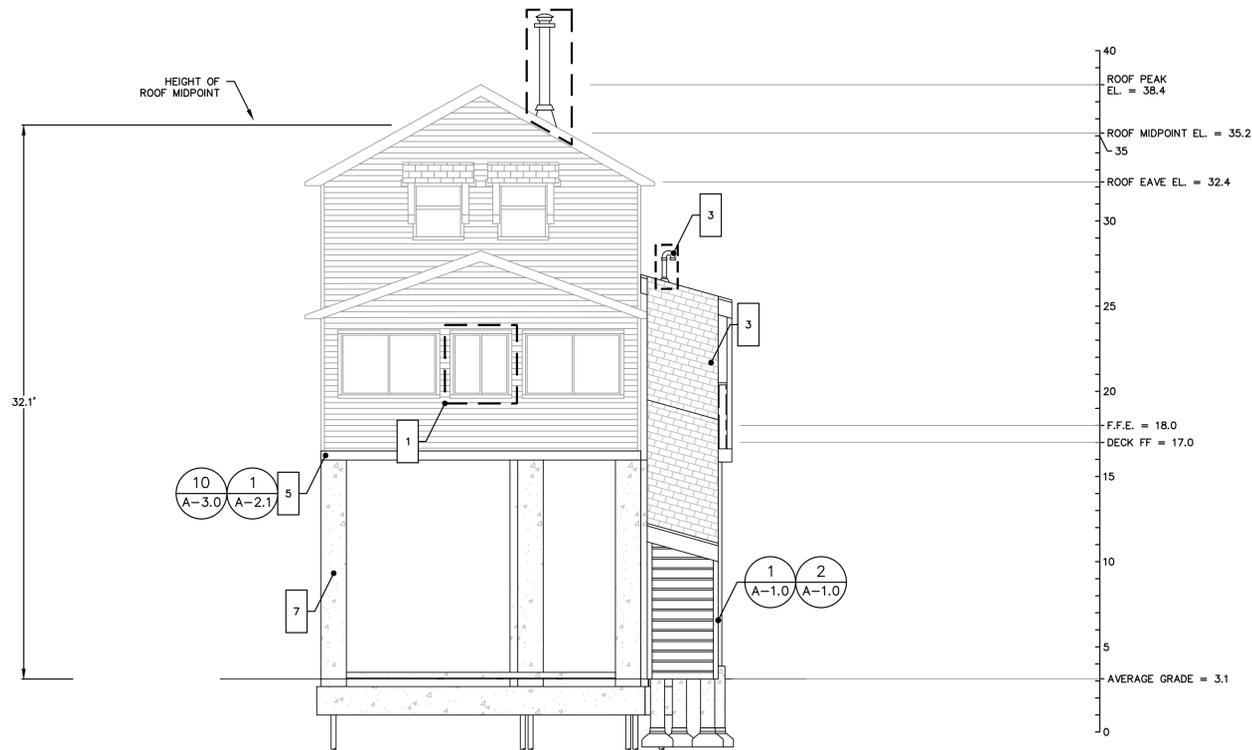
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EXISTING BUILDING ELEVATIONS

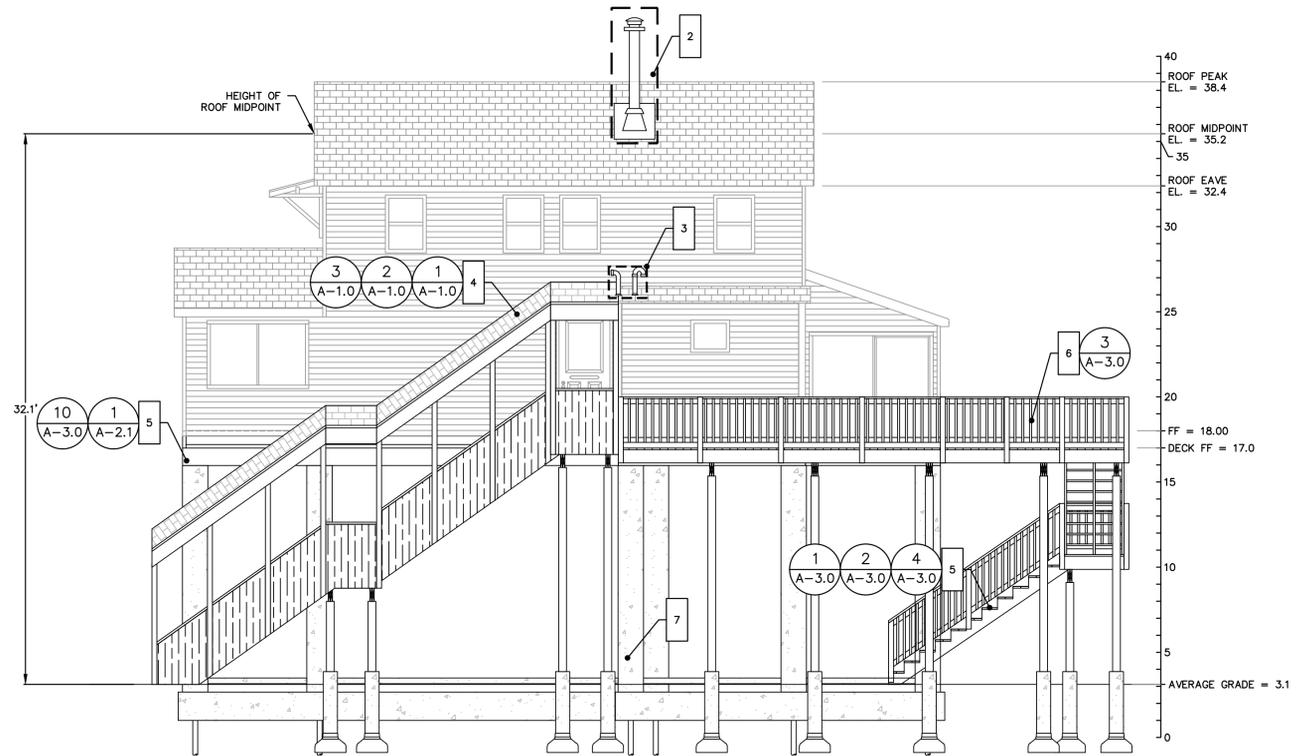
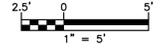
JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	A-2.0



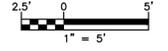
1 BUILDING SILL SECTION
A-2.1 1" = 1'-0"



FRONT ELEVATION



RIGHT ELEVATION



GENERAL NOTES

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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 NEW WINDOW; SEE SHEET A-1.1
- 2 FURNISH AND INSTALL ALL MATERIALS FOR NEW METAL FLUE IN LOCATION OF FORMER CHIMNEY; TOP OF FLUE TO EXTEND 3' ABOVE ROOF PEAK; PATCH AND PROPERLY FLASH ROOF PENETRATION FOR NEW FLUE INSTALLATION
- 3 RELOCATE EXHAUST VENT AND COMBUSTION AIR INTAKE FOR TANKLESS WATER HEATER TO MANUFACTURER APPROVED LOCATIONS. PATCH AND FLASH ROOF PENETRATIONS AS REQUIRED.
- 4 FURNISH AND INSTALL ALL MATERIALS FOR COVERED STAIR WITH ENCLOSED STAIR GUARD
- 5 FURNISH AND INSTALL ALL MATERIALS FOR NEW 12" RIBBON BOARD AROUND ENTIRE STRUCTURE; RESET AND INFILL SIDING. FURNISH AND INSTALL ALL MATERIALS TO INSULATE AND FINISH UNDERSIDE OF HOUSE. SEE DETAIL TO SHEET A-3.0
- 6 FURNISH AND INSTALL ALL MATERIALS FOR NEW ELEVATED DECK AND STAIRS
- 7 NEW FOUNDATION; SEE STRUCTURAL DRAWINGS

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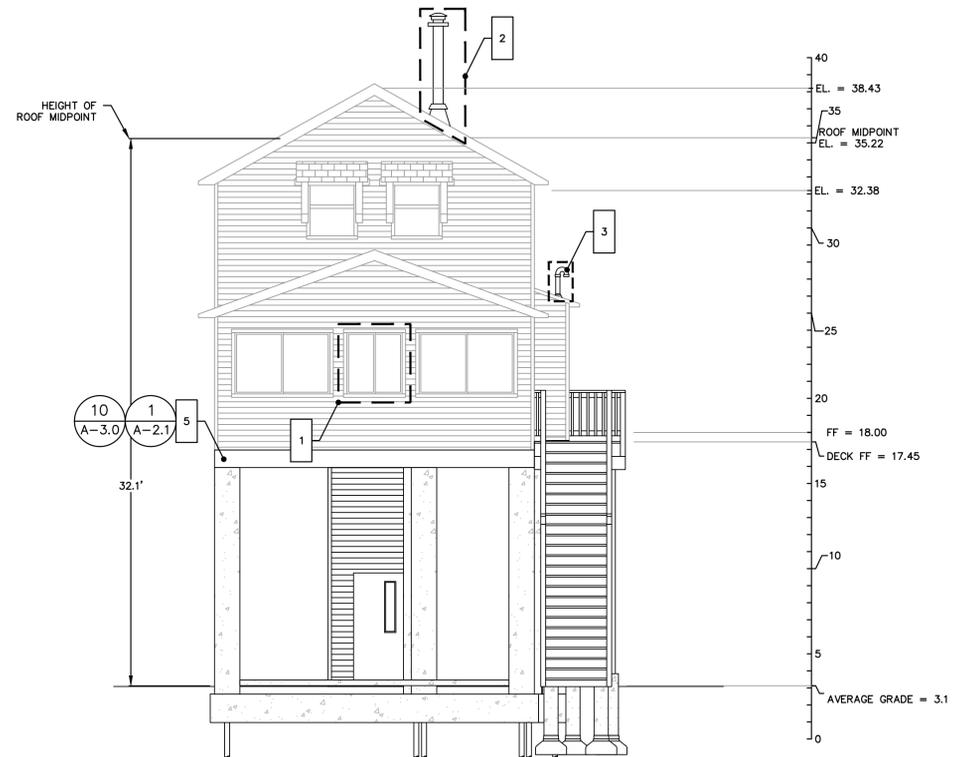
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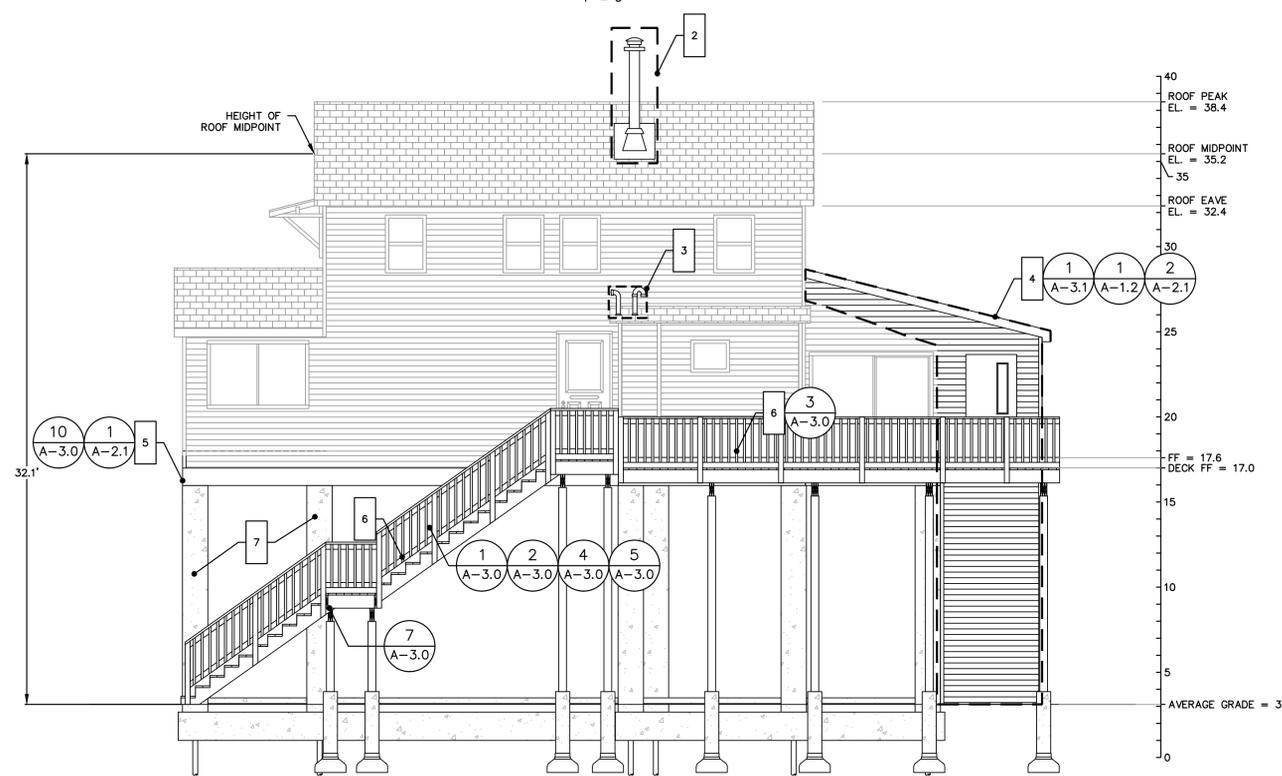
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**PROPOSED
BUILDING ELEVATIONS -
BASE BID**

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	A-2.1



FRONT ELEVATION



RIGHT ELEVATION

GENERAL NOTES

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- 2 FURNISH AND INSTALL ALL MATERIALS FOR NEW METAL FLUE IN LOCATION OF FORMER CHIMNEY; TOP OF FLUE TO EXTEND 3' ABOVE ROOF PEAK; PATCH AND PROPERLY FLASH ROOF PENETRATION FOR NEW FLUE INSTALLATION.
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- 4 FURNISH AND INSTALL ALL MATERIALS FOR VERTICAL PLATFORM LIFT IN ENCLOSED SHAFTWAY
- 5 FURNISH AND INSTALL ALL MATERIALS FOR NEW 12" RIBBON BOARD AROUND ENTIRE STRUCTURE; RESET AND INFILL SIDING. FURNISH AND INSTALL ALL MATERIALS TO INSULATE AND FINISH UNDERSIDE OF HOUSE. SEE DETAIL 10 SHEET A-3.0
- 6 FURNISH AND INSTALL ALL MATERIALS FOR NEW ELEVATED DECK AND STAIRS
- 7 NEW FOUNDATION; SEE STRUCTURAL DRAWINGS

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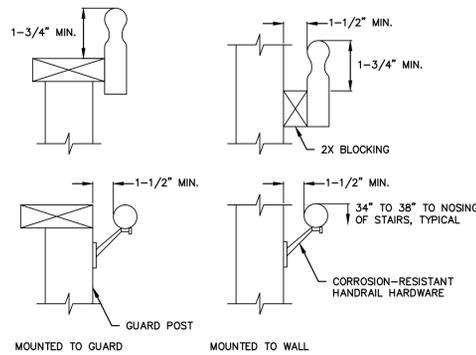
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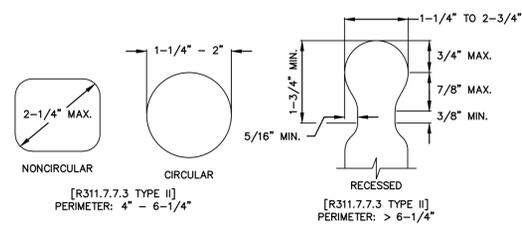
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**PROPOSED
 BUILDING ELEVATIONS -
 ALTERNATE 1**

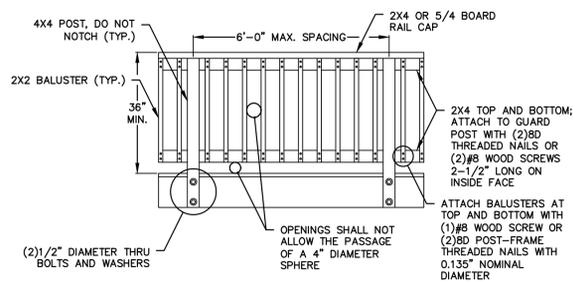
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33-262-1007	BASEMAP 33-262-1007.dwg	A-2.1A



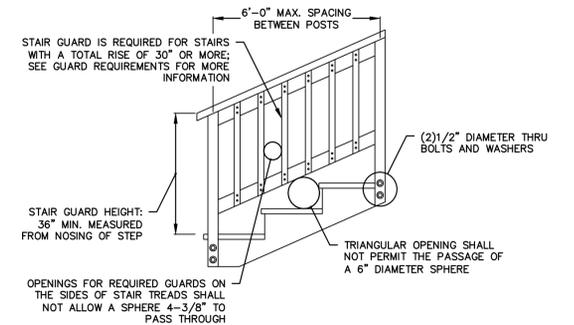
1 TYPICAL HANDRAIL MOUNTING
A-3.0 N.T.S.



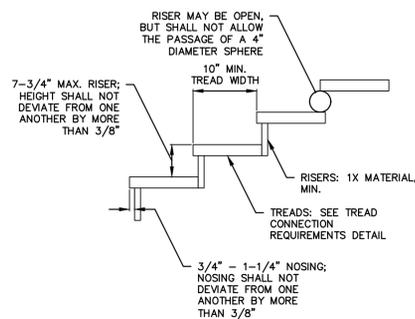
2 TYPICAL HANDRAIL GRIP SIZE
A-3.0 N.T.S.



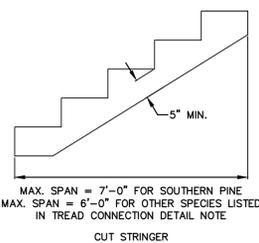
3 TYPICAL DECK RAILING GUARD
A-3.0 N.T.S.



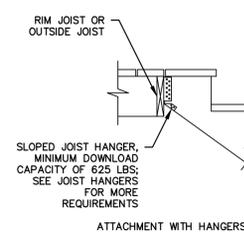
4 TYPICAL STAIR GUARD REQUIREMENTS
A-3.0 N.T.S.



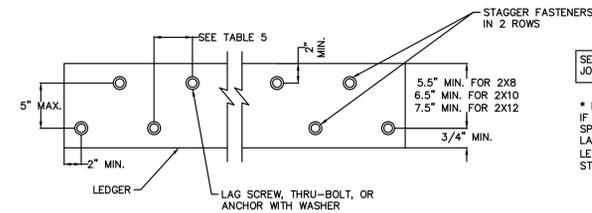
5 TYPICAL TREAD AND RISER
A-3.0 N.T.S.



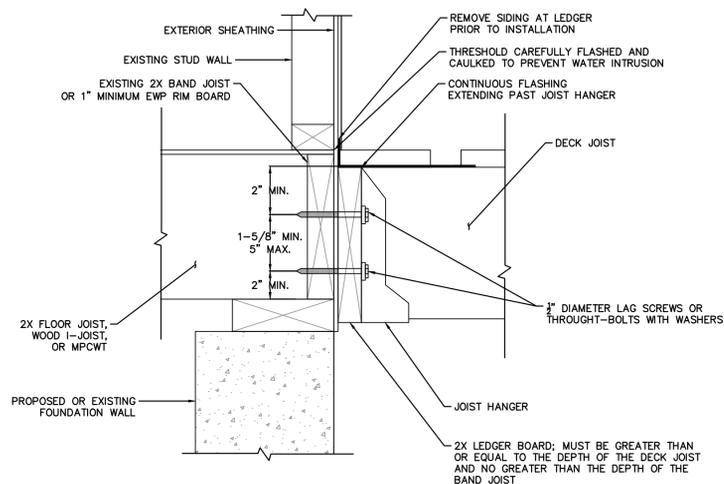
6 TYPICAL STAIR STRINGER REQUIREMENTS
A-3.0 N.T.S.



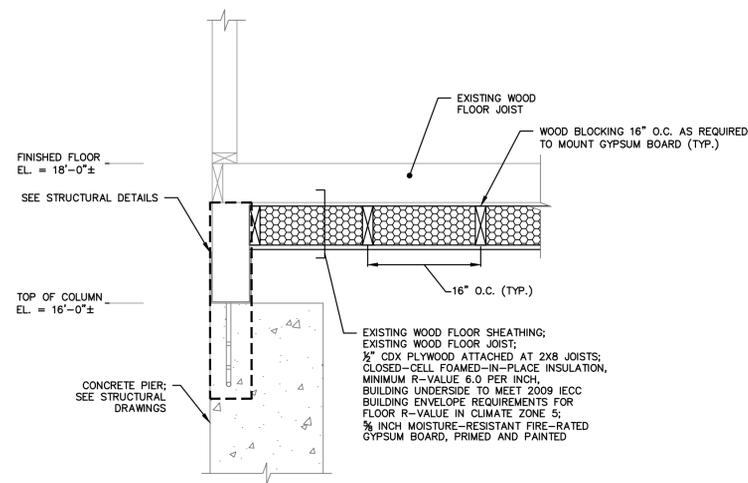
7 TYPICAL STAIR STRINGER ATTACHMENT
A-3.0 N.T.S.



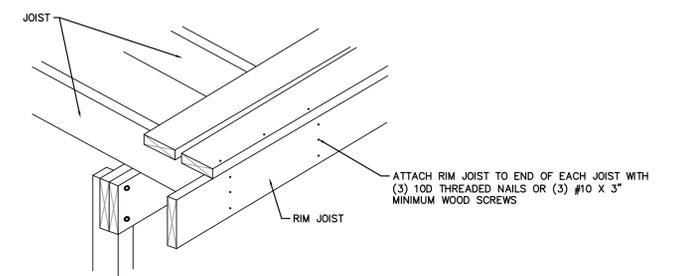
8 TYPICAL LEDGER BOARD FASTENER SPACING AND CLEARANCE
A-3.0 N.T.S.



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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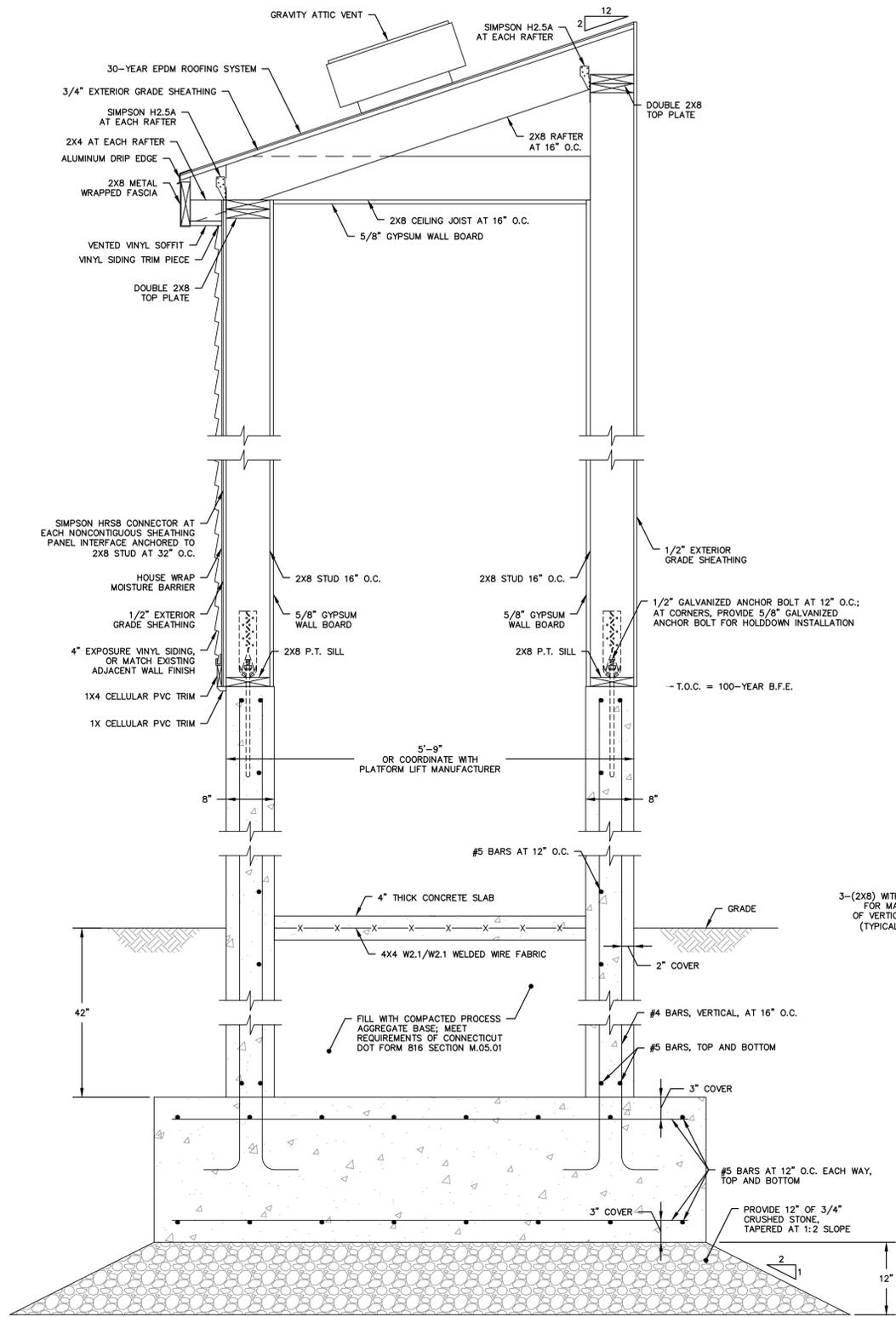
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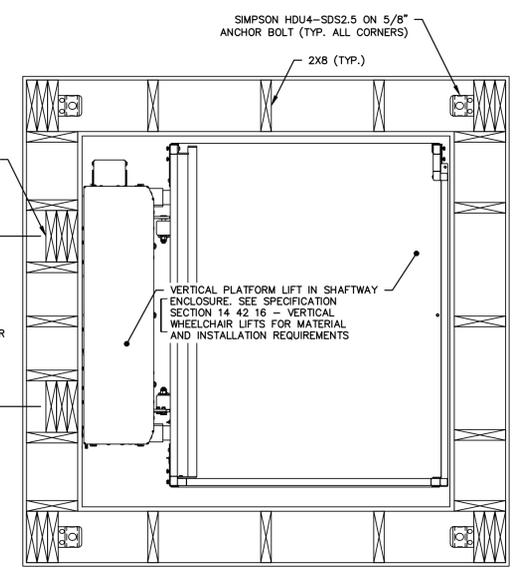
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DECK AND STAIR DETAILS

JOB NO.	DRAWING NUMBER	SHEET
33-262-1007	BASEMAP 33-262-1007.dwg	A-3.0



- NOTES:
1. ALL NAILING AND CONNECTIONS TO MEET AMERICAN FOREST & PAPER ASSOCIATION AMERICAN WOOD COUNCIL'S (AF&PA AWC) 2012 WOOD FRAME CONSTRUCTION MANUAL (WFCM) FOR ONE- AND TWO-FAMILY DWELLINGS.
 2. CORNER WALL STUD CONSTRUCTION TO BE FOUR STUD HOLD DOWN TO MEET AF&PA AWC 2012 WFCM.
 3. ALL WINDOW AND DOOR HEADER AND SILL CONSTRUCTION TO MEET AF&PA AWC 2012 WFCM.
 4. CONTRACTOR TO MEET NECESSARY FIRE CODE REQUIREMENTS THAT EXCEED THIS DETAIL.



1 TYPICAL VERTICAL PLATFORM LIFT ENCLOSURE
A-3.1 1" = 1'-0"

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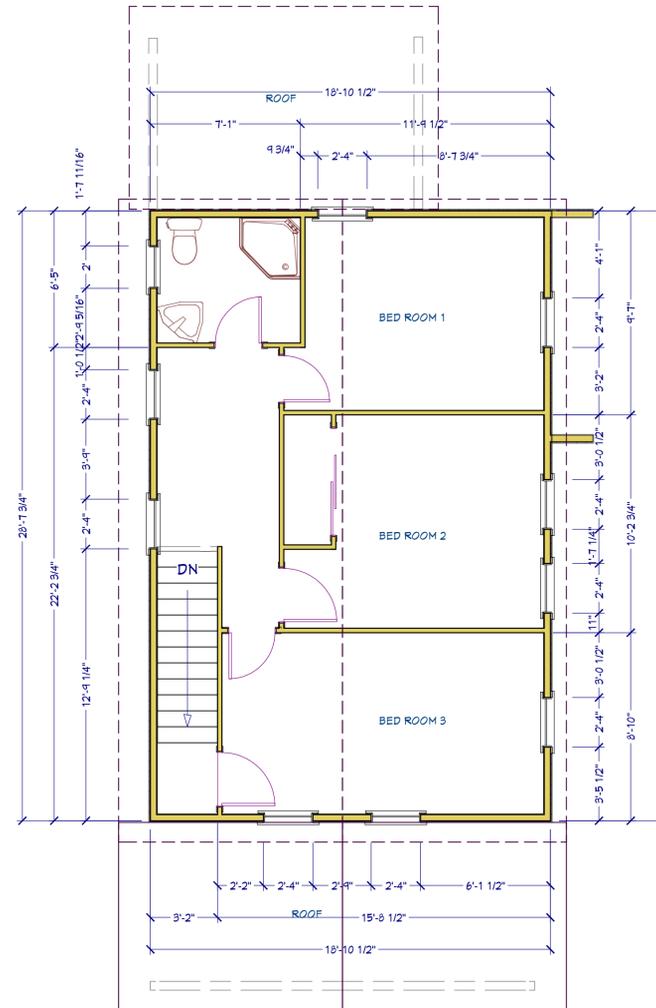
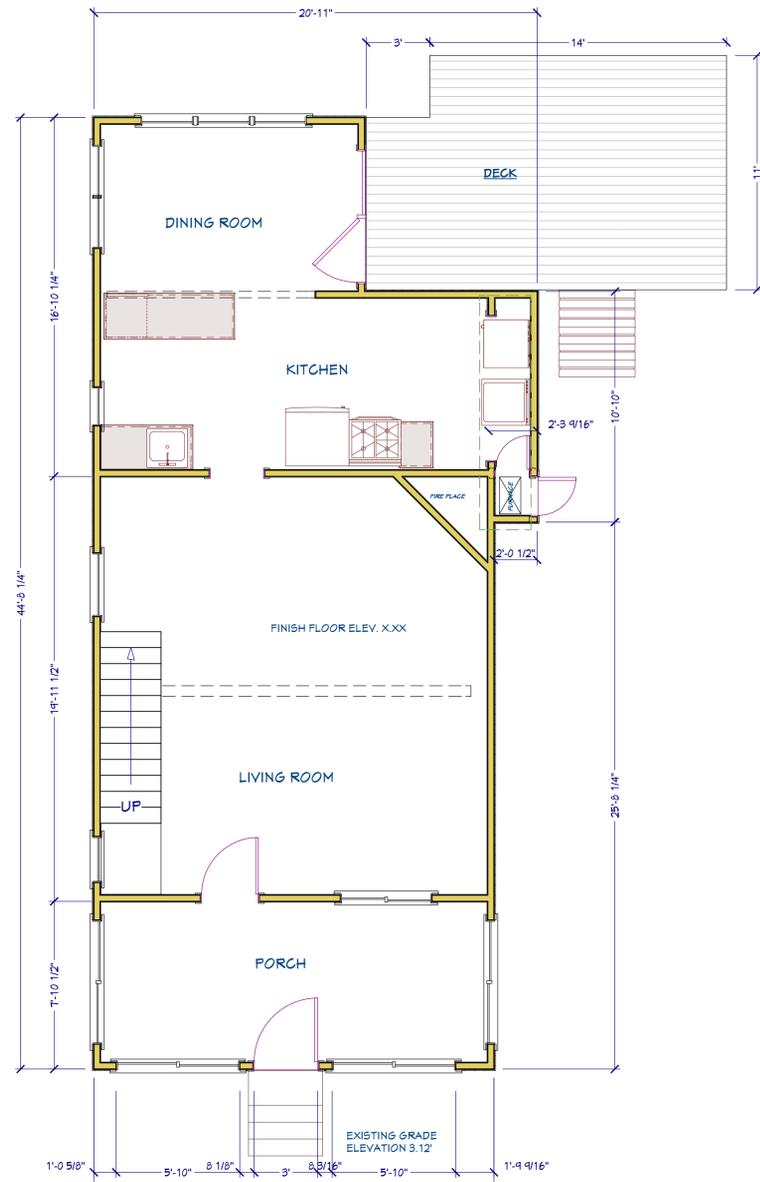
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ARCHITECTURAL DETAILS

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33-262-1007	BASEMAP 33-262-1007.dwg	A-3.1

SUPER STORM SANDY

COMMUNITY DEVELOPMENT BLOCK GRANT - DISASTER RECOVERY OWNER OCCUPIED RECOVERY and REHABILITATION PROGRAM APPLICANT NUMBER 1007



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

2
S-1 EXISTING - SECOND FLOOR PLAN
1/4" = 1'-0"

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA													
GROUND SNOW LOAD (lb)	WIND DESIGN		SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP.	ICE SHELD UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP.	CLIMATE ZONE	
	SPEED (mph)	TOPOGRAPHIC EFFECTS		WEATHERING	FROST LINE DEPTH	TERMITE							DECAY
30 PSF	100	EXPOSURE B	B	SEVERE	42" BELOW GRADE	MODERATE TO HEAVY	SLIGHT TO MODERATE	7 deg. F	YES	LOCAL MAPS	1500 OR LESS	50 deg. F	5A

CODE INFORMATION	
BUILDING: 2005 STATE BUILDING CODE 2005 CONNECTICUT SUPPLEMENT w/ 2013 AMENDMENT 2009 INTERNATIONAL RESIDENTIAL CODE 2009 INTERNATIONAL ENERGY CONSERVATION CODE w/ CONNECTICUT AMENDMENTS GROUP R-3 - SINGLE FAMILY BUILDING CONSTRUCTION TYPE: VB	ZONING: CITY OF MILFORD ZONING REGULATIONS REVISED: 8-1-2011 LOCATION: MBLU - 221 457/ 8/ ZONING DISTRICT: R-5 100 YR. FLOOD ZONE / BFE: AE11 500 YR. FLOOD ELEV.: BFE x 1.25 = 13.75' DESIGN FLOOD ELEVATION: BFE + 1.0' FREEBOARD = 14.75'

- GENERAL PROJECT NOTES:**
- CONTRACTOR SHALL ASSUME RESPONSIBILITY OF REVIEWING AND UNDERSTANDING ALL INFORMATION INCLUDED WITHIN THE CONSTRUCTION DOCUMENTS. MCA, DESIGNER, AND ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY UNDEFINED OR QUESTIONABLE INFORMATION.
 - CONTRACTOR SHALL CONFIRM AND VERIFY ALL PROPOSED AND EXISTING CONDITIONS AND DIMENSIONS IN FIELD. OWNER SHALL BE NOTIFIED IMMEDIATELY OF ANY INCONSISTENCIES PRIOR TO COMMENCEMENT OF WORK.
 - MODIFICATIONS OF THE PROPOSED DESIGN OR DETAILS INCLUDED WITHIN THE DOCUMENTS SHALL NOT BE PERMITTED WITHOUT WRITTEN CONSENT AND SUPERVISION OF THE ENGINEER AND MCA.
 - SUBSTITUTIONS OF SPECIFIED ITEMS WITHIN THESE DOCUMENTS ARE ACCEPTED ONLY AS APPROVED BY THE DESIGNER AND OWNER. ALL PROPOSED SUBSTITUTIONS SHALL BE IN WRITTEN FORM, INCLUDING Mfg's CUTS, BACK-UP INFORMATION, AND COST DATA, FOR COMPARISON AND REVIEW.
 - PLAN DIMENSIONS ARE TO FACE OF FRAMING MATERIALS, UNLESS OTHERWISE NOTED.
 - ALL REFERENCES TO DIMENSIONS OF FLOOR LINES ARE TAKEN FROM TOP OF CONCRETE OR SUBFLOOR, UNLESS NOTED ON PLAN.
 - IMMEDIATELY AFTER THE AWARDED OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT A COMPLETE CONSTRUCTION SCHEDULE AND LIST OF SUBCONTRACTORS. SCHEDULE SHALL BE IN A BAR CHART FORM WITH EACH TRADE'S WORK OUTLINED AND SHOWN IN DAYS AND WEEKS BY PHASE.
 - GENERAL CONTRACTOR SHALL BE PRESENT ON THE JOB SITE AT ALL TIMES WHILE ANY CONSTRUCTION WORK IS IN PROGRESS. NO SUBCONTRACTOR WORK SHALL COMMENCE WITHOUT THE CONTRACTORS KNOWLEDGE.
 - CONTRACTOR SHALL LOCATE AND DOCUMENT ALL EXISTING UNDERGROUND AND OVERHEAD UTILITY SERVICES ON SITE PRIOR TO COMMENCEMENT OF ANY DEMOLITION AND EXCAVATION WORK. CONTRACTOR SHALL ARRANGE TIMES AND DATES OF ANY WORK NEEDED TO BE DONE BY ANY UTILITY COMPANY IN ORDER TO COMPLETE CONTRACTORS WORK. SHOULD UNCHARTED OR INCORRECTLY CHARTED PIPING OR OTHER UTILITIES BE ENCOUNTERED DURING EXCAVATION, CONSULT MCA IMMEDIATELY FOR DIRECTION. COOPERATE WITH OWNER AND UTILITY COMPANIES IN KEEPING RESPECTIVE SERVICES AND FACILITIES IN OPERATION. REPAIR DAMAGED UTILITIES TO SATISFACTION OF UTILITY COMPANY, LOCAL BUILDING CODES, AND MCA.
 - CONTRACTOR IS SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE SAFETY OF CONSTRUCTION WORKERS. CONTRACTOR AND SUBCONTRACTORS SHALL IDENTIFY AND MAINTAIN PROPER COMPREHENSIVE AND AUTOMOBILE LIABILITY AND WORKMEN'S COMPENSATION INSURANCE COVERAGE THROUGHOUT THE DURATION OF THE CONSTRUCTION PROJECT. CONTRACTOR SHALL PROVIDE COPIES OF INSURANCE TO OWNER.
 - CONTRACTOR SHALL PROVIDE PROPER PROTECTION AND EXECUTE HIS WORK IN SUCH A MANNER THAT NO INJURY WILL OCCUR TO THE PUBLIC AND NO DAMAGE WILL OCCUR TO THE EXISTING CONSTRUCTION, ADJACENT PROPERTIES, UTILITY SERVICES, STREET CONSTRUCTION, AND LANDSCAPING. PROVIDE ALL SIGNAGE, BARRIERS, AND LIGHTING REQUIRED FOR PUBLIC SAFETY. CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING/REPLACING ANY SUCH DAMAGES.
 - PROVIDE ALL NECESSARY BARRIERS AND STRUCTURES REQUIRED TO KEEP ADJACENT SPACES AND PROPERTIES DUST AND DEBRIS FREE. CONTRACTOR SHALL REMOVE DEBRIS AND BROOM CLEAN THE WORK SITE AT THE END OF EACH WORK DAY.
 - MAINTAIN ALL REQUIRED LOCAL FIRE DEPARTMENT VEHICLE AND EQUIPMENT ACCESS CLEARANCES. CONTRACTOR SHALL HAVE A WORKING FIRE EXTINGUISHER ON SITE AT ALL TIMES.
 - CONTRACTOR SHALL PROVIDE AND MAINTAIN SECURITY OF BUILDING, CONSTRUCTION MATERIALS, FIXTURES, APPLIANCES, AND EQUIPMENT BELONGING TO EITHER THE CONTRACTOR OR OWNER DURING AND AFTER WORKING HOURS.
 - CONTRACTOR SHALL MAINTAIN A NEAT AND ORDERLY WORK SITE, PROVIDING CLEAR ACCESS TO AND FROM EMERGENCY EXITS AND OWNER OCCUPIED AREAS DURING ALL PHASES OF CONSTRUCTION.
 - CONTRACTOR SHALL COOPERATE TO MINIMIZE CONSTRUCTION NOISE AND DISTURBANCES DURING PERIODS DETERMINED BY MCA AND ADJACENT PROPERTY TENANTS.
 - PROPERLY SEAL AND FIRE STOP ALL OUTLETS, SWITCHES, PIPE, DUCTWORK, CONDUIT, AND OTHER BUILDINGS COMPONENTS THAT PENETRATE FLOORS, ROOF, EXTERIOR WALLS, CEILINGS, AND PARTITION WALLS IN ACCORDANCE WITH LOCAL AND STATE BUILDING CODES.
 - ALL ELECTRICAL TELEPHONE, AND DATA CABLES, MATERIALS, WIRE, AND SYSTEMS EQUIPMENT SHALL BE PROVIDED BY THIS CONTRACTOR UNLESS DIRECTED OTHERWISE BY MCA.
 - ALL PLUMBING MATERIALS AND ACCESSORIES SHALL BE SUPPLIED AND INSTALLED BY CONTRACTOR UNLESS OTHERWISE NOTED. CONTRACTOR TO VERIFY AND PROVIDE ANY FRAMING REINFORCING AS REQUIRED FOR INSTALLATION.
 - LICENSED CONTRACTORS TO THE TRADE SHALL PERFORM ALL PLUMBING, MECHANICAL, AND ELECTRICAL DEMOLITION AND INSTALLATIONS. ALL WORK SHALL CONFORM TO AND BE DONE IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES.
 - NO EQUIPMENT, BUILDING OR FINISH MATERIAL SHALL BE CHANGED OR SUBSTITUTED WITHOUT WRITTEN DOCUMENTATION SIGNED BY THE OWNER.
 - ALL SPECIFIED PRODUCTS SHALL BE NOTED AS PREFERRED OR AN APPROVED EQUAL.



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				AS NOTED	10-13-2015

PROJECT 1007
16 CHETWOOD STREET
MILFORD, CT 06460

JOB NO. 33-262-1007
DRAWING NUMBER S-1

FOUNDATION NOTES AND SPECIFICATIONS

CONCRETE MATERIALS:

1. FOOTINGS AND WALLS: CONCRETE USED IN FOUNDATION ALLS, FOOTINGS, AND SLABS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 5,000 psi AT 28 DAYS.
2. NO ADDED WATER ALLOWED IN EXCESS OF APPROVED MIX.
3. AIR ENTRAINMENT: MIN. 5% MAX. 7%.
4. MAXIMUM WATER SOLUBLE CHLORIDE ION CONCENTRATIONS IN HARDENED CONCRETE SHALL NOT EXCEED 0.30 PERCENT (0.003) BY WEIGHT OF CEMENT. THIS INCLUDES, BUT IS NOT LIMITED TO, CONTRIBUTIONS FROM WATER, AGGREGATES, CEMENTITIOUS MATERIALS, AND ADMIXTURES. CALCIUM CHLORIDE OR ANY ADMIXTURE CONTAINING CHLORIDE SALTS SHALL NOT BE USED IN CONCRETE.

REINFORCING:

1. ALL DETAILING, FABRICATION AND PLACING OF REINFORCING BARS SHALL BE IN ACCORDANCE WITH THE ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED STRUCTURES (A.C.I. 313-05)
2. EPOXY COATED REINFORCING STEEL SHALL CONFORM TO ASTM A615 AND BE 60,000psi YIELD STRENGTH.
3. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
4. ALL REINFORCEMENT SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED. SPLICES SHALL BE WELL STAGGERED. ADDITIONAL BARS AND SPECIAL BENDING DETAILS ARE REQUIRED AT INTERSECTING WALLS AND AT JOINTS. SUCH DETAILS SHALL COMPLY WITH ACI 315 RECOMMENDATIONS UNLESS OTHERWISE APPROVED.
5. UNLESS OTHERWISE NOTED, ALL LAP SPLICES SHALL BE CLASS "C". SEE ACI 315 FOR TABULATION OF DEVELOPMENT AND SPLICE LENGTHS.
6. REINFORCEMENT COVER UNLESS OTHERWISE NOTED: FOOTING AT BOTTOM 3" TOP 2"; WALLS/BEAMS AT 2" EACH FACE; PIERS AT 1.5" TO TIES

CONCRETE PLACEMENT:

1. ALL FOOTINGS ARE TO REST ON FIRM UNDISTURBED SOIL, REGARDLESS OF ELEVATIONS SHOWN ON DRAWINGS. ALL "TOP" (TOP OF FOOTING) ELEVATIONS ARE INDICATED ON THE FOUNDATION PLAN. ALL ELEVATIONS ARE GIVEN WITH RESPECT TO THE BENCH MARK ELEVATION. BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE AT LEAST 42" BELOW FINISHED GRADES.
2. PENETRATE EACH SUCCESSIVE LAYER WITH VIBRATOR IN ORDER TO ELIMINATE VOIDS AND "COLD JOINTS"
3. WHERE STEP FOOTINGS ARE REQUIRED, SLOPE EXCAVATION FOR BOTTOM OF FOOTINGS AT THE RATE OF 1 UNIT VERTICAL TO 2 UNITS HORIZONTAL.
4. ALL REINFORCEMENT SHALL BE CONTINUOUS UNLESS OTHERWISE NOTED. SPLICES SHALL BE WELL STAGGERED. ADDITIONAL BARS AND SPECIAL BENDING DETAILS ARE REQUIRED AT INTERSECTING WALLS AND AT JOINTS. SUCH DETAILS SHALL COMPLY WITH ACI 315 RECOMMENDATIONS UNLESS OTHERWISE APPROVED.
5. UNLESS OTHERWISE NOTED, ALL LAP SPLICES SHALL BE CLASS "C". SEE ACI 315 FOR TABULATION OF DEVELOPMENT AND SPLICE LENGTHS.
6. VERTICAL CONSTRUCTION JOINT SPACING IN FOUNDATION WALLS SHALL NOT EXCEED 35' INTERMEDIATE SPACING NOR 20' FROM ANY CORNER OR INTERSECTING WALL. JOINTS SHALL BE KEYED. HORIZONTAL REINFORCEMENT SHALL EXTEND THROUGH JOINTS.
7. SHEAR KEYS (1 1/2" x 3") SHALL BE PROVIDED IN ALL CONCRETE WALLS AND BETWEEN FOOTINGS AND WALLS.
8. CONTROL JOINTS IN SLAB ON GRADE ARE TO BE PROVIDED AT COLUMN LINES AND AT SLAB CORNERS. SAW CUT 1/8" WIDE AND TO DEPTH EQUAL TO 1/4 OF SLAB THICKNESS. CONSTRUCTION JOINTS AS REQUIRED SHALL BE KEYED AND LOCATED AT CONTROL JOINT INTERVALS.
9. WALL AND SLAB SURFACES SHALL BE SEALED WITH A RESIN BASE CURING/SEALING COMPOUND CONFORMING TO ASTM C309. APPLY CURING COMPOUND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
10. BUILD INTO CONCRETE ALL PRODUCTS SO SPECIFIED AND INDICATED. COORDINATE WITH OTHER TRADES.

BACKFILLING:

1. CONTRACTOR TO HAVE A SOILS ENGINEER TO VERIFY FILL MATERIALS TO BE USED ARE ACCEPTABLE.
2. SYSTEMATICALLY BACKFILL TO ALLOW MAXIMUM TIME FOR NORMAL SETTLEMENT. DO NOT BACKFILL OVER POROUS, WET, FROZEN, OR SPONGY SUBGRADE SURFACES.
3. WHERE EARTH WILL BE ON ONE SIDE OF FOUNDATION WALLS, BACKFILL AND COMPACTION SHALL NOT START UNTIL FLOOR SLAB OR PERMANENT BRACING ARE IN PLACE OR ADEQUATE TEMPORARY BRACING IS PROVIDED FOR WALL SUPPORT. WHERE EARTH WILL BE ON BOTH SIDES OF WALLS, BACKFILL SHALL BE PLACED SIMULTANEOUSLY SO THAT MAXIMUM GRADE DIFFERENCE IS LIMITED TO TWELVE (12) INCHES.
4. PLACE AND COMPACT MATERIALS IN CONTINUOUS LAYERS NOT EXCEEDING TEN (10) INCHES COMPACTED DEPTH.
5. EMPLOY A PLACEMENT METHOD THAT DOES NOT DISTURB OR DAMAGE FOUNDATION PERIMETER DRAINAGE, FOUNDATION DAMPPROOFING, AND UTILITIES IN TRENCHES.
6. SLOPE GRADE AWAY FROM BUILDING MINIMUM 6 INCHES IN 10 FEET UNLESS NOTED OTHERWISE.
7. MAKE GRADE CHANGES GRADUAL. BLEND SLOPE INTO LEVEL AREAS.
8. REMOVE SURPLUS BACKFILL MATERIALS FROM SITE. LEAVE FILL MATERIAL STOCKPILE AREAS COMPLETELY FREE OF EXCESS MATERIALS.

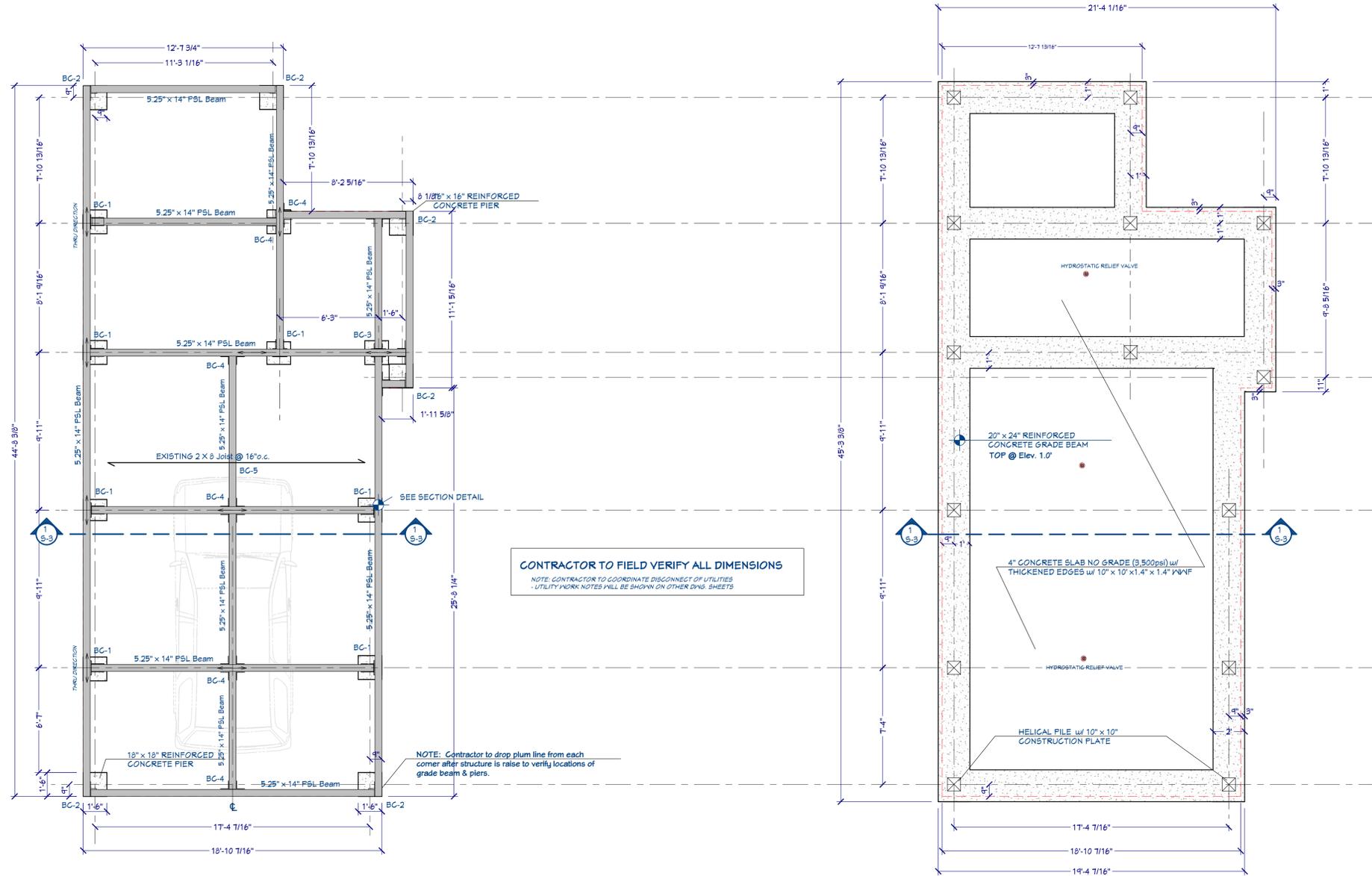
BACKFILLING PROTECTION:

1. RECOMPACT FILLS SUBJECTED TO VEHICULAR TRAFFIC, OR DISTURBED BY CONSTRUCTION OPERATIONS. DO NOT PERMIT LOAM, VEGETABLE MATTER OR ORGANIC DEBRIS TO BECOME INCORPORATED INTO FILL.

HELICAL SCREW PILE SPECIFICATION:

1. HELICAL PIERS SHALL BE MANUFACTURED BY THE A.B. CHANCE CO. OR EQUAL
2. PIERS SHALL BE INSTALLED BY A MFG'S AUTHORIZED AND REGISTERED CT. CONTRACTOR
3. HELICAL PIERS SHALL BE FURNISHED AND INSTALLED TO ACHIEVE AN ULTIMATE BEARING CAPACITY OF 40 KIPS COMPRESSION. THE DESIGN CAPACITY OF THE PIERS IS 20 KIPS PROVIDING A FACTOR OF SAFETY OF 2.
4. PIERS SHALL BE CAPABLE OF PROVIDING A LATERAL RESISTANCE OF 1.5 KIP EACH
5. CONTRACTOR SHALL SUBMIT FOR REVIEW, CALCULATIONS INDICATING THE MINIMUM PILE DEPTH, HELIX DIAMETER AND REQUIRED TORQUE TO ACHIEVE THE REQUIRED LOAD BASE UPON THE SOIL BORING REPORT.
6. ALL WORK AS DESCRIBED HEREIN SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE SAFETY CODES IN EFFECT AT TIME OF INSTALLATION.
7. A SIGNED & SEALED EVALUATION REPORT WITH ASSIGNED NUMBERS SHALL BE PROVIDED UPON INSTALLATION TO MCA, BUILDING DEPARTMENT, AND PROJECT ENGINEER.
7. THE HELICAL LEAD SECTIONS AND EXTENSIONS SHALL BE SOLID STEEL, ROUND CORNERED SQUARE SHAFT, OR ROUND STEEL PIPE SHAFT, OR COMPOSITE STEEL AND GROUT SHAFT CONFIGURED WITH ONE OR MORE HELICAL BEADING PLATES WELDED TO THE SHAFT.
8. ALL PIERS MUST BE CORROSION PROTECTED BY HOT DIP GALVANIZATION.
9. INSTALLATION UNITS:
 - A. SHALL CONSIST OF A ROTARY TYPE TORQUE POWERED MOTOR WITH FORWARD & REVERSE CAPABILITIES
 - B. CAPABLE OF DEVELOPING THE MINIMUM TORQUE AS REQUIRED.
 - C. CAPABLE OF POSITIONING THE HELICAL PIER AT THE PROPER INSTALLATION ANGLE. THIS ANGLE MAY VARY BETWEEN VERTICAL AND 5 DEGREES DEPENDING UPON APPLICATION AND TYPE OF LOAD TRANSFER DEVICE SPECIFIED OR REQUIRED.
10. INSTALLATION TORQUE SHALL BE MONITORED THROUGH OUT THE INSTALLATION PROCESS. CONTRACTOR TO MAINTAIN A WRITTEN INSTALLATION RECORD FOR EACH HELICAL PILE
11. HELICAL PIERS SHALL BE INSTALLED TO THE MINIMUM TORQUE VALUE REQUIRED TO PROVIDE THE LOAD CAPACITIES SHOWING ON THE PLANS.

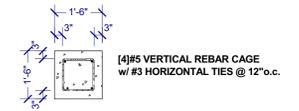
BEAM TO COLUMN CONNECTOR SCHEDULE	
BC-1	SIMPSON HCCGMS 50-SDSHDF
BC-2	SIMPSON BECLGN 505-KT TYP w/ 48" LONG HSTGN STRAPS ATTACHED TO EXISTING CORNER STUDS
BC-3	SIMPSON HCCGMS 50-SDSHDF
BC-4	SIMPSON HWP 5.5 x 1.4 (TOP FLANGE HANGER)
BC-5	SIMPSON HHS AT EACH EXISTING JOIST TO BEAM



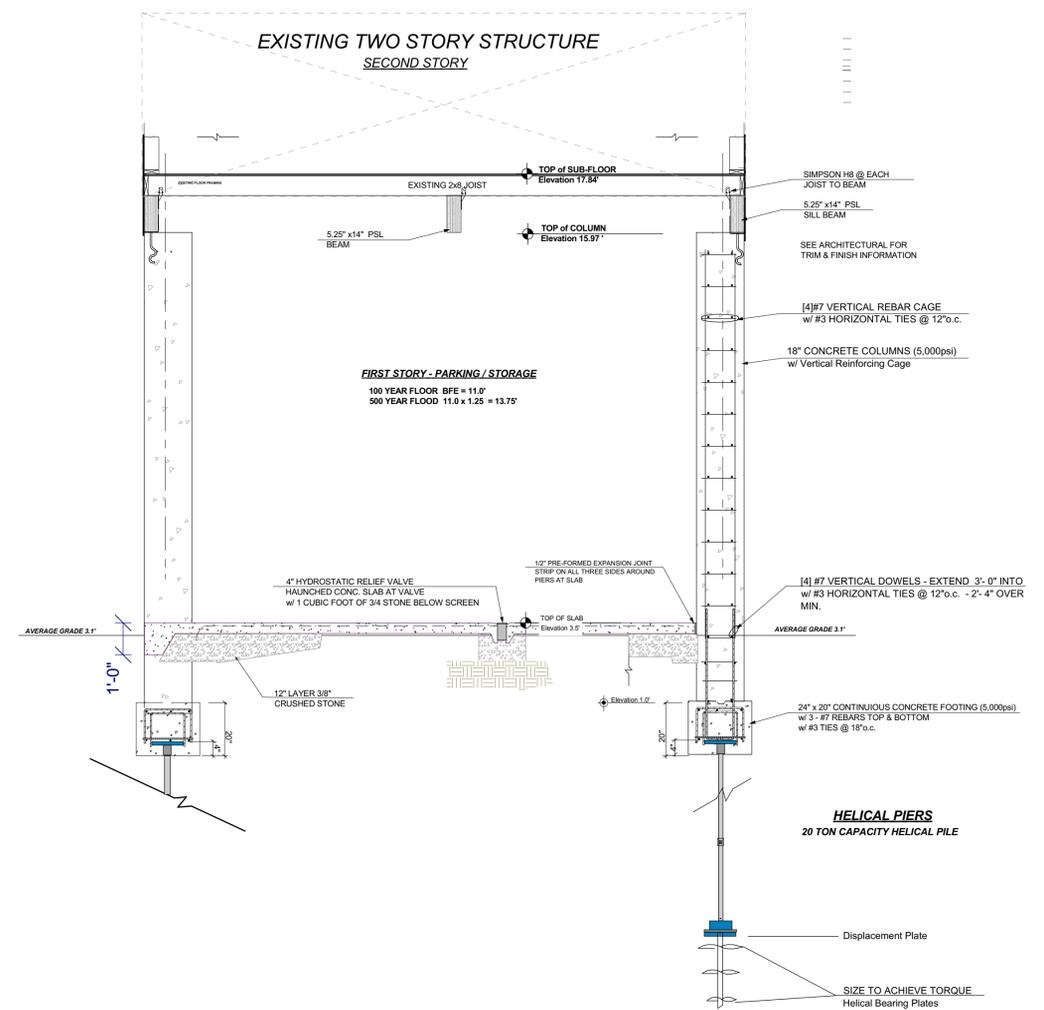
1
S-2 **FIRST STORY PLAN**
1/4" = 1'-0"

2
S-2 **HELICAL PILE / GRADE BEAM PLAN**
1/4" = 1'-0"

<p>MCA MARTINEZ COUCH & ASSOCIATES, LLC</p>	<p>1084 Cromwell Avenue, Suite A-2 Rocky Hill, Connecticut 06067 Telephone: (860) 436-4364 Fax: (860) 436-4626</p> <p>www.martinezcouch.com</p>	<p>JLG Designs, LLC INTERIORS • BUILDING DESIGN • ENGINEERING</p> <p>Milford, Connecticut 06460 Phone: 203-876-2095 E-mail: jlg-design@jumo.com</p>	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:5%;">NO.</td> <td style="width:15%;">DATE</td> <td style="width:80%;">REVISIONS</td> </tr> <tr> <td>2</td> <td>11-5-2015</td> <td>ISSUED FOR BIDDING</td> </tr> <tr> <td>1</td> <td>10-26-2015</td> <td>ISSUED FOR CT DOH REVIEW AND APPROVAL</td> </tr> </table> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:25%;">DRAWN: JLG</td> <td style="width:25%;">CHECKED:</td> <td style="width:25%;">APPROVED:</td> <td style="width:25%;">SCALE: AS NOTED</td> </tr> <tr> <td colspan="2"></td> <td style="width:25%;">DATE: 10-13-2015</td> <td style="width:25%;">BY: CHK APPV</td> </tr> </table>	NO.	DATE	REVISIONS	2	11-5-2015	ISSUED FOR BIDDING	1	10-26-2015	ISSUED FOR CT DOH REVIEW AND APPROVAL	DRAWN: JLG	CHECKED:	APPROVED:	SCALE: AS NOTED			DATE: 10-13-2015	BY: CHK APPV	<p>PROJECT 1007 16 CHETWOOD STREET MILFORD, CT 06460</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">JOB NO. 33-262-1007</td> <td style="width:50%;">DRAWING NUMBER</td> </tr> <tr> <td></td> <td style="text-align: center; font-size: 24pt;">S-2</td> </tr> </table>	JOB NO. 33-262-1007	DRAWING NUMBER		S-2
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COLUMN CROSS SECTION
N.T.S.



1
S-3

SECTION - HELICAL PILE / GRADE BEAM
3/8" = 1'-0"



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PROJECT 1007
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MILFORD, CT 06460

JOB NO. 33-262-1007
DRAWING NUMBER **S-3**

DECK & EXTERIOR STAIR NOTES & DETAILS

GENERAL NOTES:

THE CONTRACTOR SHALL VERIFY THAT SITE CONDITIONS ARE CONSISTENT WITH THESE PLANS BEFORE STARTING WORK. WORK NOT SPECIFICALLY DETAILED SHALL BE CONSTRUCTED TO THE SAME QUALITY AS SIMILAR WORK THAT IS DETAILED. ALL WORK SHALL BE DONE IN ACCORDANCE WITH CONNECTICUT STATE BUILDING CODES.

WRITTEN DIMENSIONS AND SPECIFIC NOTES SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS AND GENERAL NOTES. THE ENGINEER / DESIGNER SHALL BE CONSULTED FOR CLARIFICATION IF SITE CONDITIONS ARE ENCOUNTERED THAT ARE DIFFERENT THAN SHOWN, IF DISCREPANCIES ARE FOUND IN THE PLANS OR NOTES, OR IF A QUESTION ARISES OVER THE INTENT OF THE PLANS OR NOTES. CONTRACTOR SHALL VERIFY AND IS RESPONSIBLE FOR ALL DIMENSIONS (INCLUDING ROUGH OPENINGS).

STAIR CONSTRUCTION NOTES:

STAIRWAYS SHALL HAVE A MIN. WIDTH OF 36". HAND RAILS MAY ENCROACH A MAX. OF 4 1/2" INTO THE REQUIRED WIDTH ON EITHER SIDE OF THE STAIRWAY.

TREADS SHALL HAVE A MIN. DEPTH OF 9". STAIR TREADS MUST BE UNIFORM AND CAN NOT VARY FROM THE LARGEST TO THE SMALLEST BY MORE THAN 3/8".

RISERS SHALL HAVE A MAX. HEIGHT OF 8" - RISERS MUST BE UNIFORM IN HEIGHT AND CAN NOT VARY FROM THE HIGHEST TO THE LOWEST BY MORE THAN 3/8".

STAIRWAYS SHALL HAVE MIN. 6'-8" OF HEADROOM MEASURED AT THE NOSE OF EACH TREAD.

STAIRWAYS SHALL HAVE AT LEAST ONE HANDRAIL LOCATED 34" TO 38" ABOVE THE NOSING OF TREADS AND LANDINGS. THE HAND GRIP PORTION OF HANDRAILS SHALL NOT BE LESS THAN 1-1/2" OR GREATER THAN 2" IN CROSS-SECTIONAL DIMENSION.

HANDRAILS SHALL BE CONTINUOUS THE FULL LENGTH OF THE STAIRS. THE ENDS OF HANDRAILS SHALL RETURN TO WALL OR TERMINATE INTO A NEWEL POST OR SAFETY TERMINAL.

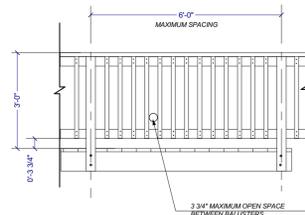
STAIRWAYS HAVING LESS THAN 2 RISERS DO NOT REQUIRE A HAND RAIL.

36" MIN. HEIGHT GUARDRAILS SHALL BE PROVIDED FOR AT PORCHES, DECKS, BALCONIES, STAIRWAYS AND LANDINGS WHERE THE ADJACENT SURFACE IS GREATER THAN 30" BELOW.

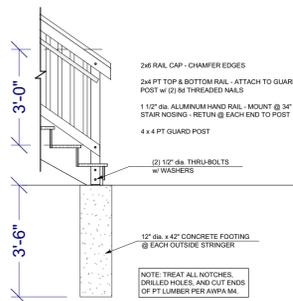
OPENINGS BETWEEN STAIR RAILINGS AND GUARDRAIL BALUSTERS SHALL BE NO GREATER THAN 3 7/8" AT ANY POINT.

THE TRIANGULAR OPENINGS FORMED BY THE RISER, TREAD, AND BOTTOM OF GUARDRAIL SHALL NOT ALLOW A 6" DIAMETER SPHERE TO PASS THROUGH.

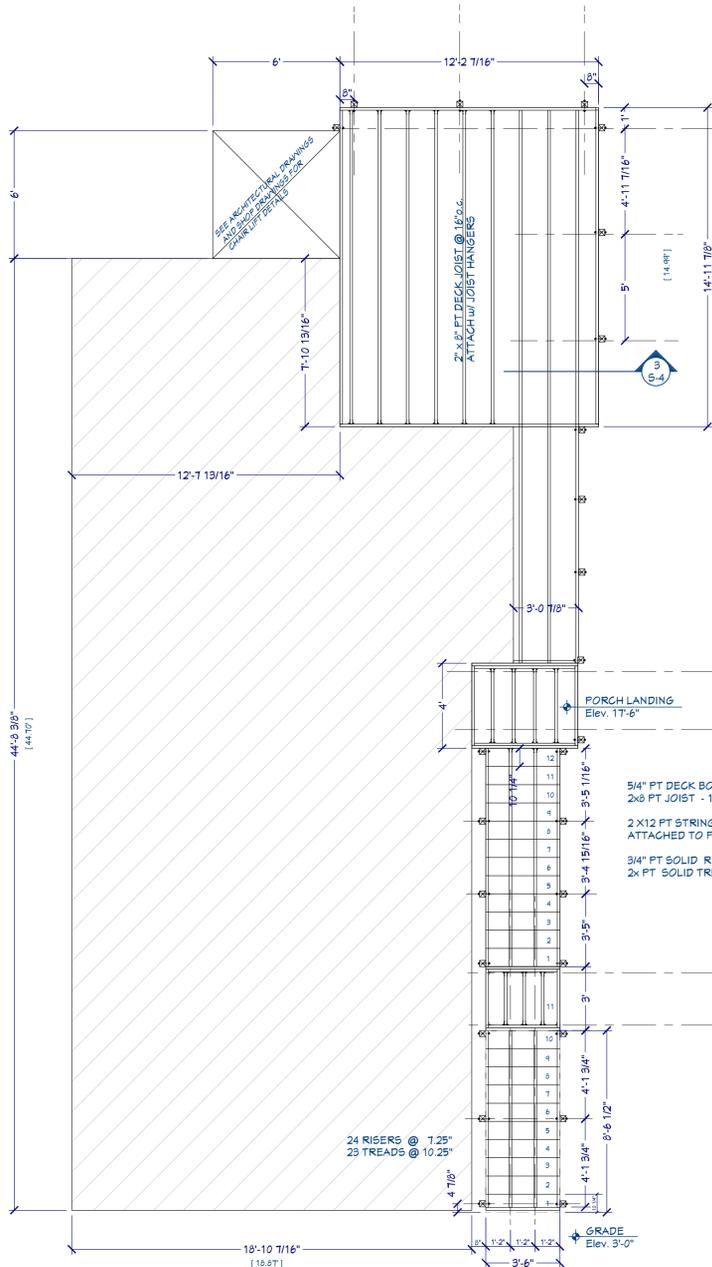
EXTERIOR SPIRAL STAIRS TO BE FABRICATED AND INSTALLED PER THE MFG. INSTRUCTIONS.



2x6 RAIL CAP - CHAMFER EDGES
2x4 PT TOP & BOTTOM RAIL - ATTACH TO GUARD POST w/ (2) #4 THREADED NAILS
4x4 PT GUARD POST - ATTACHED TO FRAMING w/ (2) 1/2" THRU BOLTS w/ WASHERS
ATTACH 3x3 PT BALUSTERS AT TOP AND BOTTOM w/ (2) #4 THREADED NAIL (1 1/2" dia. SHANK)

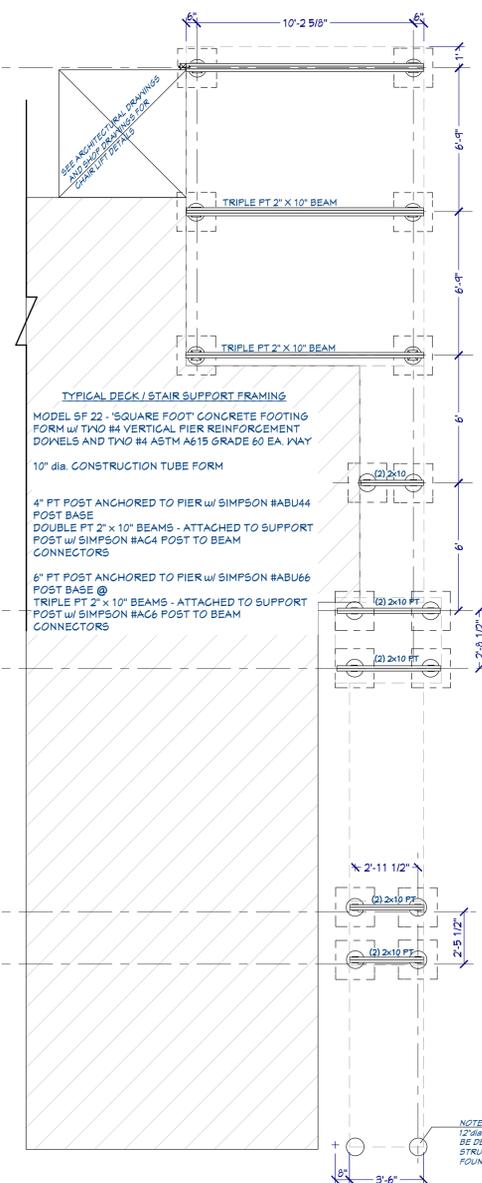


2x6 RAIL CAP - CHAMFER EDGES
2x4 PT TOP & BOTTOM RAIL - ATTACH TO GUARD POST w/ (2) #4 THREADED NAILS
1 1/2" dia. ALUMINUM HAND RAIL - MOUNT @ 34" ABOVE STAIR NOSING - RETURN @ EACH END TO POST
4x4 PT GUARD POST
(2) 1/2" dia. THRU-BOLTS w/ WASHERS
12" dia. x 42" CONCRETE FOOTING @ EACH OUTSIDE STRINGER
NOTE: TREAT ALL NOTCHES, DRILLED HOLES, AND CUT ENDS OF PT LUMBER PER AWP/AMA.



24 RISERS @ 7.25"
23 TREADS @ 10.25"

5/4" PT DECK BOARDS
2x8 PT JOIST - 16" o.c.
2x12 PT STRINGERS - ATTACHED TO FRAMING w/ SIMPSON HSLC BRACKETS
3/4" PT SOLID RISERS
2x PT SOLID TREADS



TYPICAL DECK / STAIR SUPPORT FRAMING

MODEL 5F 22 - 3 SQUARE FOOT CONCRETE FOOTING FORM w/ TWO #4 VERTICAL PIER REINFORCEMENT BOWELS AND TWO #4 ASTM A615 GRADE 60 EA. 1/4" X 10" dia. CONSTRUCTION TUBE FORM

4" PT POST ANCHORED TO PIER w/ SIMPSON #ABU44 POST BASE
DOUBLE FT 2" x 10" BEAMS - ATTACHED TO SUPPORT POST w/ SIMPSON #AC4 POST TO BEAM CONNECTORS

6" PT POST ANCHORED TO PIER w/ SIMPSON #ABU66 POST BASE @ TRIPLE FT 2" x 10" BEAMS - ATTACHED TO SUPPORT POST w/ SIMPSON #AC6 POST TO BEAM CONNECTORS

NOTE: ACTUAL LG 12" dia. CONCRETE BE DETERMINED. STRUCTURE IS RE FOUNDATION

3
S-4 DECK DETAILS
3/8" = 1'-0"

1
S-4 DECK PLAN - ALTERNATE
1/4" = 1'-0"

2
S-4 DECK FOOTING PLAN - ALTERNATE
1/4" = 1'-0"



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