

**PROJECT 2503 - 23 CAROLINE STREET, MILFORD, CT**

**COMMUNITY DEVELOPMENT BLOCK GRANT  
DISASTER RECOVERY PROGRAM**

**OWNER OCCUPIED REHABILITATION AND REBUILDING**

**CONNECTICUT DEPARTMENT OF HOUSING  
HARTFORD, CONNECTICUT 06118**

**GENERAL NOTES:**

- WHERE REFERENCED IN THIS PLAN SET, MARTINEZ COUCH & ASSOCIATES, LLC SHALL HEREIN BE REFERRED TO AS "MCA."
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS.
- THE CONTRACTOR SHALL POST ALL BONDS, PAY ALL FEES, PROVIDE PROOF OF INSURANCE, AND PROVIDE TRAFFIC CONTROL NECESSARY FOR THIS WORK.
- 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.
- REFER TO OTHER PLANS, DETAILS, AND PROJECT MANUAL FOR ADDITIONAL INFORMATION.

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**STREET VIEW**  
(N.T.S.)

**PROJECT WORK AUTHORIZATION:**

PROJECT WORK IS SUBJECT TO THE APPROVAL OF A PROGRAMMATIC AGREEMENT (PA) BETWEEN THE CONNECTICUT DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT (DECD), THE CONNECTICUT DEPARTMENT OF HOUSING (DOH), THE CONNECTICUT STATE HISTORIC PRESERVATION OFFICE (SHPO), AND THE NATIONAL PARK SERVICE. CONSTRUCTION ACTIVITIES MAY NOT COMMENCE UNTIL ALL REQUIREMENTS OF THE PA ARE COMPLETE TO THE FULL SATISFACTION OF THE CONNECTICUT SHPO. MARTINEZ COUCH AND ASSOCIATES, LLC SHALL BE RESPONSIBLE FOR MEETING THE DESIGN REQUIREMENTS OF THE PA TO THE SATISFACTION OF THE CONNECTICUT SHPO. NOTE THAT THIS MAY RESULT IN CHANGES TO THE DESIGN AND MODIFICATIONS TO THE CONSTRUCTION START DATE, SCOPE, SCHEDULE, AND COSTS.

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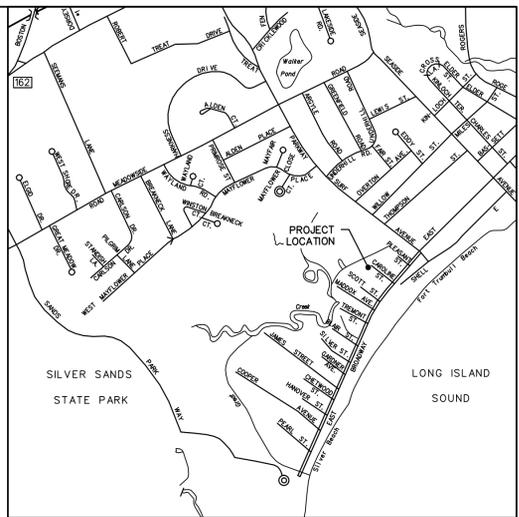
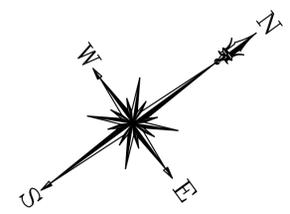
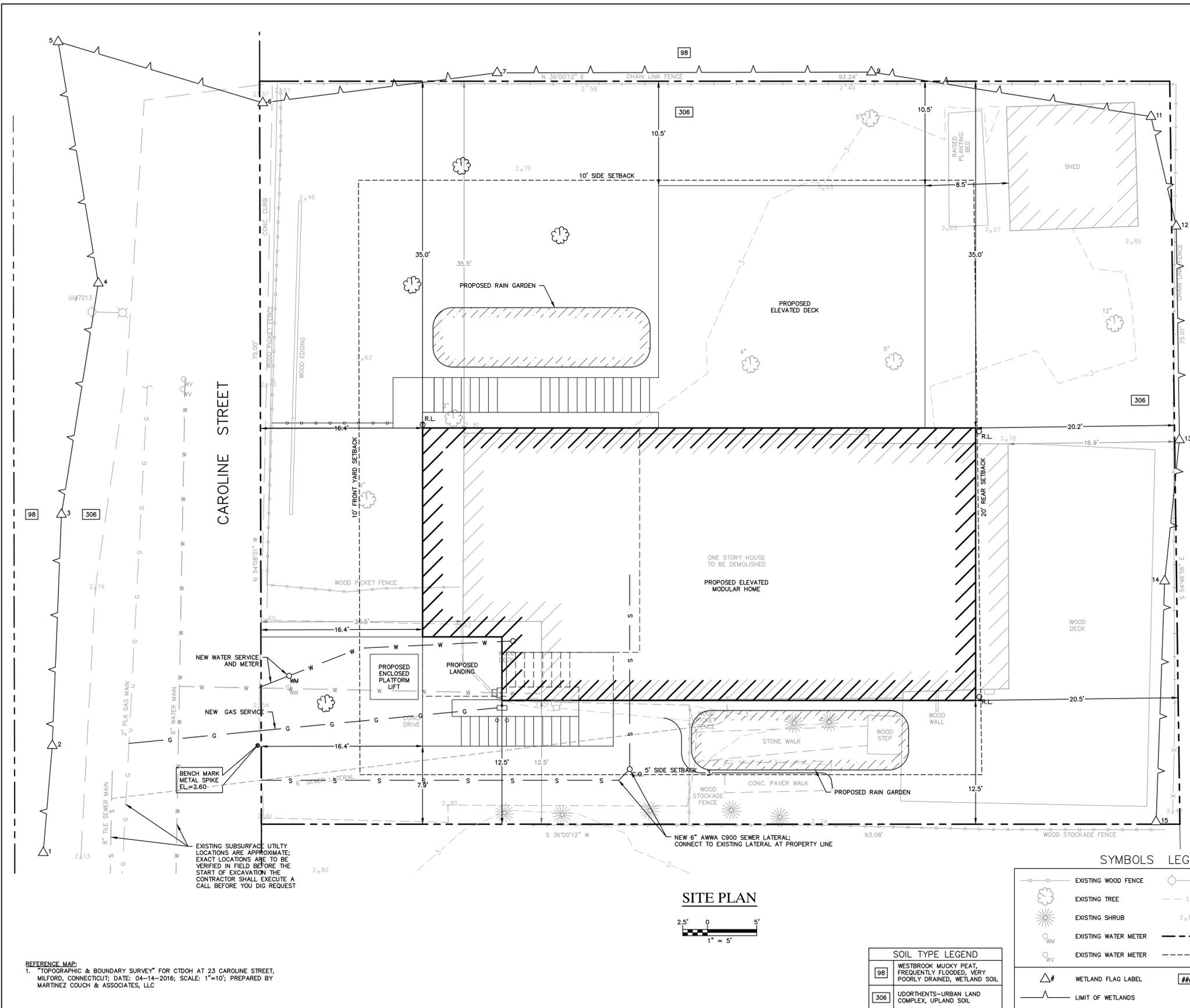
PROJECT 2503  
23 CAROLINE STREET  
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING  
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APPV
4	6/14/2016	ISSUED FOR BIDDING	MBR	MBR	REC
3	6/9/2016	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	5/10/2016	ISSUED FOR PLANNING AND ZONING REVIEW	MBR	MBR	REC
1	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
DRAWN: KNL    CHECKED: MBR    APPROVED: REC    SCALE: N.T.S.    DATE: 3/23/2016					

TITLE SHEET

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	T-0.0

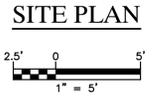


**LOCATION MAP**  
1" = 1000'

**SURVEY NOTES**

- NORTH ORIENTATION AND COORDINATES REFER TO NAD 83.
- ELEVATIONS BASED ON NAVD 1988.
- PARCEL ADDRESS:  
PARCEL OWNER OF RECORD: JENNIFER WENDY SAFYRE  
26 B LAFAYETTE ST.  
MILFORD, CT 06460
- PARCEL AREA = 6,950 SQ. FT., .160 ACRES.
- PARCEL IS IN THE R5 ZONING DISTRICT.
- PARCEL ID: MAP 27, BLOCK 448, LOT 12A, MILFORD ASSESSOR'S MAPPING.
- SUBJECT PARCEL IS IN FLOOD ZONE AE (EL. 11) AS SHOWN ON THE FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, CONNECTICUT PANEL 533 OF 635, MAP NUMBER 09009C0533J, MAP REVISED JULY 8, 2013 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.
- REFERENCE MAPS:  
1) PLOT PLAN FOR DOROTHY H. VON HACHT #884 EAST BROADWAY BEING LOT #26 ON MAP OF LOTS IN "FORT TRUMBULL BEACH" DATED JULY 3RD 1909 IN MILFORD, CONNECTICUT. DATE 30 AUG. 2007. SCALE 1IN.=40 FT. PREPARED BY GIOACHINO de NICOLA.  
2) MAP OF LOTS FT. TRUMBULL BEACH OWNED BY CLARK & HASKINS MILFORD, CONN. SCALE 1 IN.=30 FT. DATE JULY 3, 1909. PREPARED BY V.B. CLARKE.  
3) MAP OF PROPERTY--LOT 8, PORTION OF LOT 9 "LOTS OF FORT TRUMBULL BEACH PREPARED FOR CYPRESS BUILDERS 19 CAROLINE STREET, MILFORD, CONNECTICUT. SCALE 1"=10'. DATE JULY 23, 2013. PREPARED BY NOWAKOWSKI-O'BRYEN-KANE, ASSOCIATES.  
4) MAP OF PROPERTY--LOT 6 AND 7 "MAP OF FT. TRUMBULL BEACH" PREPARED FOR ZAZU GRAY 15 CAROLINE STREET MILFORD, CONNECTICUT. SCALE 1"=10'. DATE APRIL 9, 2013. PREPARED BY NOWAKOWSKI-O'BRYEN-KANE, ASSOCIATES.

EXISTING SUBSURFACE UTILITY LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS ARE TO BE VERIFIED IN FIELD BEFORE THE START OF EXCAVATION. THE CONTRACTOR SHALL EXECUTE A CALL BEFORE YOU DIG REQUEST



SOIL TYPE LEGEND	
98	WESTBROOK MUCKY PEAT, FREQUENTLY FLOODED, VERY POORLY DRAINED, WETLAND SOIL
306	UDORTHERTS--URBAN LAND COMPLEX, UPLAND SOIL

SYMBOLS LEGEND	
	EXISTING WOOD FENCE
	EXISTING TREE
	EXISTING SHRUB
	EXISTING WATER METER
	WETLAND FLAG LABEL
	LIMIT OF WETLANDS
	EXISTING UTILITY POLE WITH LIGHT
	EXISTING CONTOUR WITH ELEVATION LABEL
	EXISTING SPOT GRADE
	PROPERTY LINE
	BUILDING SETBACK LINE
	SOIL TYPE LABEL

ZONING REGULATIONS (R-5)			
	REQUIRED	EXISTING	PROPOSED
LOT AREA (SQ.FT.)	5,000	6,950	6,950
MIN. LOT WIDTH (FT.)	50	75.0	75.0
MIN. LOT DEPTH (FT.)	70	93.1	93.1
MIN. FRONT YARD (FT.)	10	20.5	16.4
MIN. SIDE YARD (FT.)	10*/5*	12.5/35.5	12.5/35.0
MIN. REAR YARD (FT.)	20	16.9**	20.2
MAX BLDG. COVERAGE	45%	22%	21.4%
MAX. BLDG. HGT. (FT.)	35	-	27.7
LOT COVERAGE	65%	42%	39%
MAX. NUMBER OF STORIES	3	1	2

\* ONE SIDE TEN (10) FEET, OTHER SIDE FIVE (5) FEET.  
\*\* PREEXISTING NON-COMFORMITY

REFERENCE MAP:  
1. "TOPOGRAPHIC & BOUNDARY SURVEY" FOR CTDOH AT 23 CAROLINE STREET, MILFORD, CONNECTICUT; DATE: 04-14-2016; SCALE: 1"=10'; PREPARED BY MARTINEZ COUCH & ASSOCIATES, LLC

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**IMPROVEMENT LOCATION PLAN**

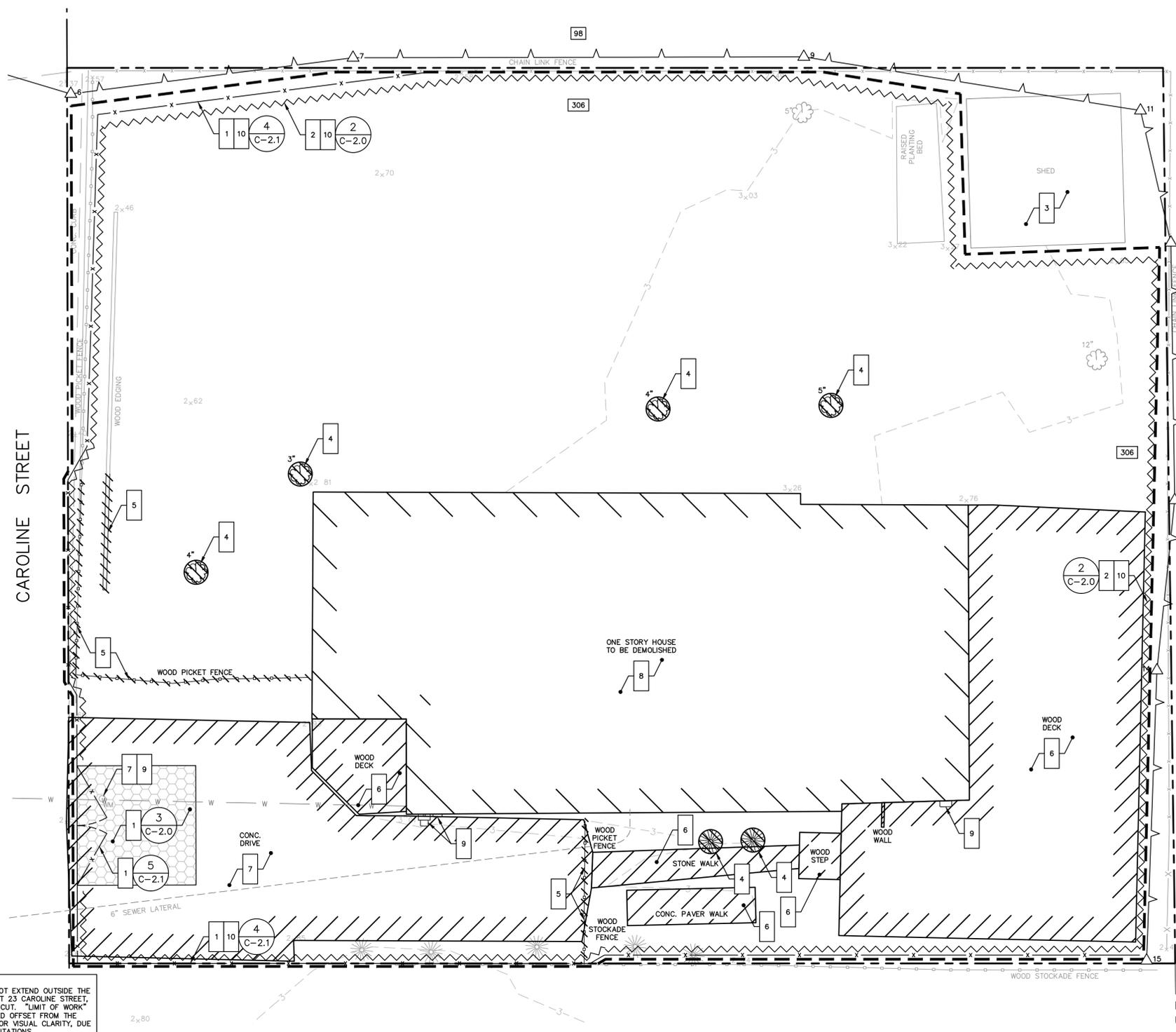
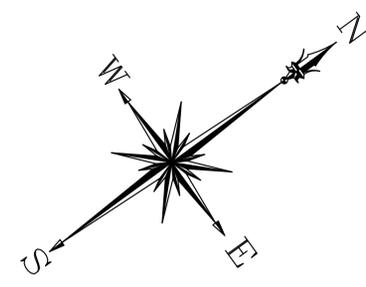
JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	C-1.0

**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 ALONG SOUTHEASTERN AND SOUTHWESTERN SIDES OF PROPERTY AS SHOWN ON PLAN; INSTALL CONSTRUCTION TRACK PAD AT GATED ENTRANCE
2. INSTALL SILT FENCE ALONG PERIMETER OF PROPERTY AS SHOWN ON PLAN
3. PROTECT SHED AT NORTHERN CORNER OF PROPERTY; DO NOT DISTURB
4. REMOVE BUSHES AS NECESSARY AND DISPOSE OFF SITE; REMOVE FOUR TREES IN FRONT YARD AND SIDE YARD AS SHOWN ON PLAN AND DISPOSE OFF SITE
5. REMOVE WOOD PICKET FENCE IN FRONT OF HOUSE AS SHOWN ON PLAN AND STORE ON SITE FOR REINSTALLATION; REMOVE WOOD PICKET FENCE AND WOOD STOCKADE FENCE ADJACENT TO SOUTHEASTERN SIDE OF HOUSE AS SHOWN ON PLAN AND DISPOSE OFF SITE. REMOVE WOOD EDGING IN FRONT OF HOUSE AS SHOWN ON PLAN AND DISPOSE OFF SITE.
6. DEMOLISH WOOD DECKS AND STEPS IN FRONT AND REAR OF HOUSE AND DISPOSE OFF SITE; DEMOLISH STONE WALK AND CONCRETE PAVEMENT AT SOUTHEASTERN SIDE OF HOUSE AND DISPOSE OFF SITE
7. DEMOLISH CONCRETE DRIVE AT SOUTHERN CORNER OF PROPERTY AND DISPOSE OFF SITE; PROTECT WATER METER
8. DEMOLISH HOUSE AND FOUNDATION AND DISPOSE OFF SITE; SEE ABATEMENT SPECIFICATIONS
9. COORDINATE UTILITY DISCONNECTS, INCLUDING WATER, ELECTRIC, GAS, AND TELECOMMUNICATIONS
10. REMOVE TEMPORARY FENCING UPON COMPLETION OF CONSTRUCTION, AND REMOVE E&S CONTROLS AFTER STABILIZATION IS COMPLETE



**SOIL TYPE LEGEND**

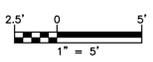
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**LEGEND**

- 1 WORK NOTE
- [Hatched Box] SITE FEATURE TO BE DEMOLISHED
- LIMIT OF WORK
- (#/C-2.X) DETAIL REFERENCE  
# = DETAIL NUMBER  
X = DETAIL SHEET NUMBER
- ~ SILT FENCE
- x- CHAIN LINK FENCE
- o- EXISTING WOOD FENCE
- ☼ EXISTING TREE
- ☼ EXISTING SHRUB
- WM EXISTING WATER METER
- 3- EXISTING CONTOUR WITH ELEVATION LABEL
- 2x.80 EXISTING SPOT GRADE
- PROPERTY LINE
- △# WETLAND FLAG LABEL
- - - LIMIT OF WETLANDS
- ### SOIL TYPE LABEL

**NOTE:**  
WORK LIMITS DO NOT EXTEND OUTSIDE THE PROPERTY LINES AT 23 CAROLINE STREET, MILFORD, CONNECTICUT. "LIMIT OF WORK" LINES ARE DEPICTED OFFSET FROM THE PROPERTY LINES FOR VISUAL CLARITY, DUE TO MAP SCALE LIMITATIONS.

**SITE PLAN**



**REFERENCE MAP:**  
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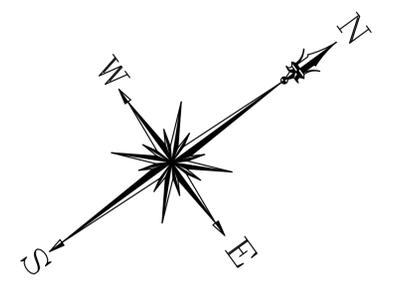
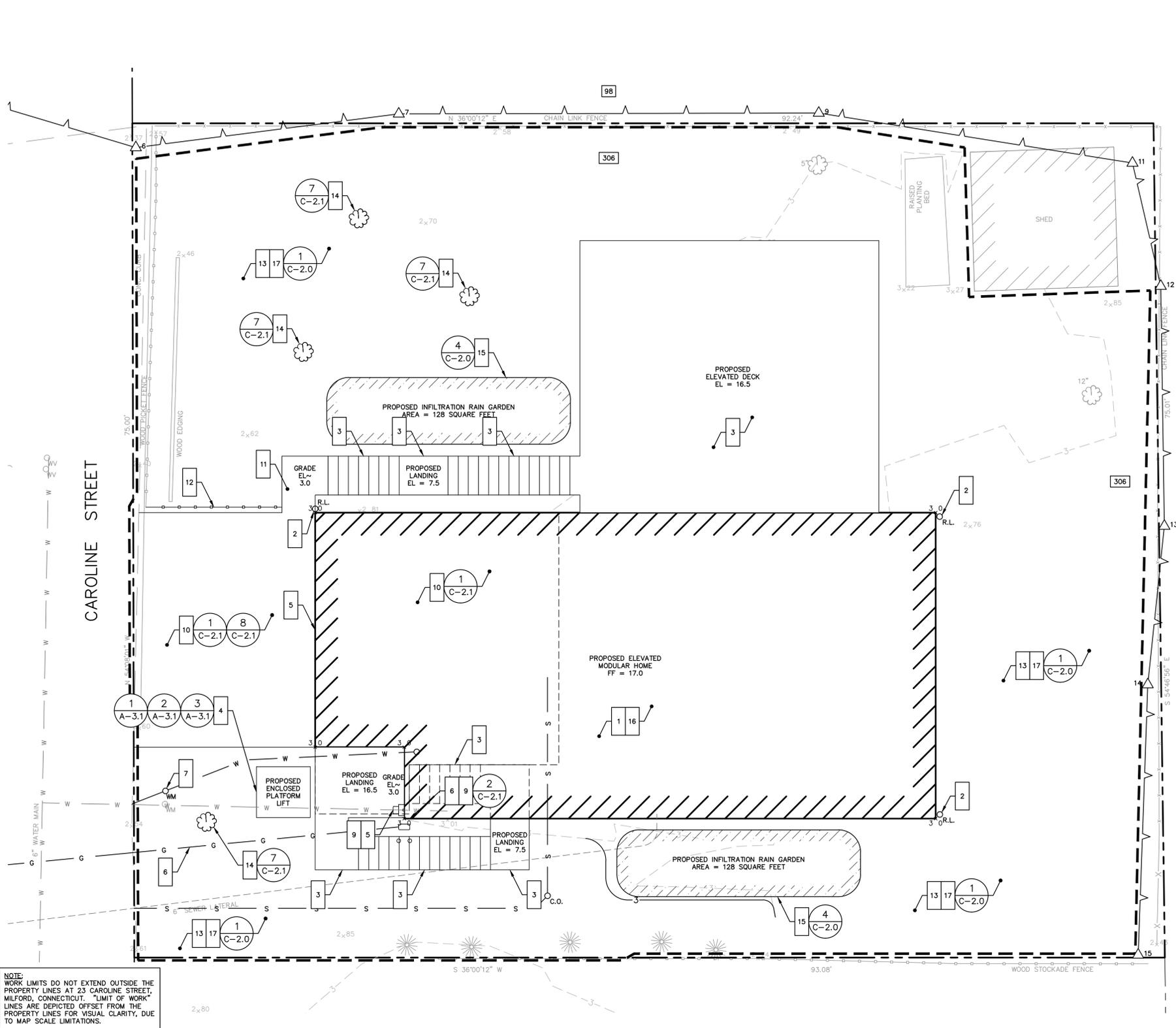
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**SOIL EROSION AND SEDIMENT CONTROL/DEMOLITION PLAN**

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SOIL TYPE LEGEND	
98	WESTBROOK MUCKY PEAT, FREQUENTLY FLOODED, VERY POORLY DRAINED, WETLAND SOIL
306	UDORTMENTS-URBAN LAND COMPLEX, UPLAND SOIL

LEGEND	
1	WORK NOTE
---	LIMIT OF WORK
#	DETAIL REFERENCE
X	DETAIL SHEET NUMBER
---	EXISTING WOOD FENCE
---	LIMIT OF ELEVATED HOUSE
☁	EXISTING TREE
☁	PROPOSED TREE
☼	EXISTING SHRUB
○ <sub>WM</sub>	EXISTING WATER METER
○ <sub>WM</sub>	PROPOSED WATER METER
○ <sub>C.O.</sub>	PROPOSED SANITARY CLEANOUT
○ <sub>R.L.</sub>	PROPOSED ROOF LEADER
---	PROPOSED CONTOUR
---	EXISTING CONTOUR
2x80	EXISTING SPOT GRADE
3x0	PROPOSED SPOT GRADE
g	EXISTING GAS LINE
g	PROPOSED GAS LINE
s	EXISTING SEWER LINE
s	PROPOSED SEWER LINE
w	EXISTING WATER LINE
w	PROPOSED WATER LINE
---	PROPERTY LINE
△#	WETLAND FLAG LABEL
---	LIMIT OF WETLANDS
###	SOIL TYPE LABEL

**GENERAL NOTES**

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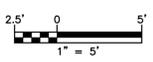
**WORK NOTES**

- 1 FURNISH AND INSTALL ALL MATERIALS FOR CONSTRUCTION AND INSTALLATION OF NEW ELEVATED MODULAR HOME AND SUPPORTS; SEE STRUCTURAL DRAWINGS
- 2 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECKS AND STAIRS AT NORTHWESTERN AND SOUTHEASTERN SIDES OF HOUSE. FURNISH AND INSTALL ALL MATERIALS TO ENCLOSE STAIR GUARD AND FOR ROOF ABOVE SOUTHEASTERN STAIR AND LANDINGS. ALTERNATE 2 - ROOF ABOVE LANDING ONLY.
- 4 FURNISH AND INSTALL VERTICAL STAIRWAY CHAIR LIFT ON SOUTHEASTERN STAIR. ALTERNATE 2 - FURNISH AND INSTALL ALL MATERIALS FOR NEW ENCLOSED PLATFORM LIFT AT SOUTHERN CORNER OF HOUSE.
- 5 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
- 6 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.
- 7 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 TIMBER PILE FOR WATER LINE.
- 8 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 TIMBER PILE FOR SANITARY SEWER LATERAL.
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 FURNISH AND INSTALL ALL MATERIALS FOR NEW CONCRETE DRIVE WITH CITY OF MILFORD CONCRETE DRIVEWAY APPROACH AT FRONT OF HOUSE AND NEW CONCRETE PARKING AREA BENEATH HOUSE.
- 11 FURNISH AND INSTALL ALL MATERIALS FOR NEW CONCRETE SIDEWALK AT BOTTOM OF PROPOSED STAIRS AT WESTERN CORNER OF HOUSE, ADJACENT TO EXISTING DRIVEWAY
- 12 REMOVE FENCING FROM STORAGE AND RESET FENCING IN FRONT OF HOUSE ALONG NORTHWESTERN EDGE OF NEW DRIVEWAY
- 13 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
- 14 FURNISH AND INSTALL SHRUBS TO MATCH EXISTING SPECIES TO REPLACE SHRUBS REMOVED DURING CONSTRUCTION; FURNISH AND INSTALL FOUR TREES TO MATCH EXISTING SPECIES TO REPLACE TREES REMOVED DURING CONSTRUCTION
- 15 FURNISH AND INSTALL ALL MATERIALS FOR INFILTRATION RAIN GARDENS; ROUTE ROOFLEADERS TO RAIN GARDENS.
- 16 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 17 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER

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**SITE PLAN**



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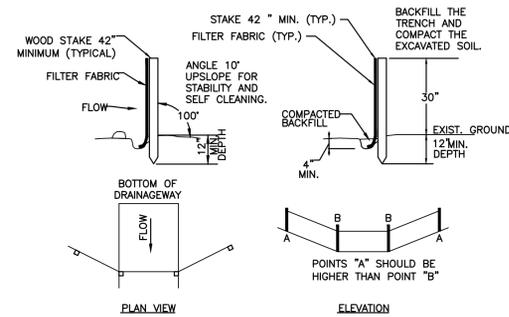
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JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	C-1.2

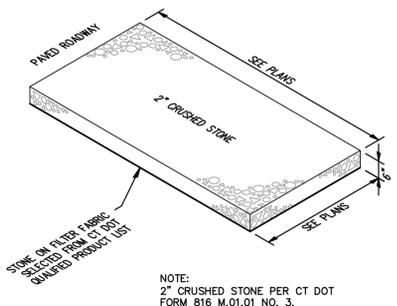
SEEDING SCHEDULE				
PERMANENT SEEDING				
PERMANENT SEEDING SHALL BE ACCOMPLISHED WITH ONE OF THE FOLLOWING SEEDING MIXTURES:				
KIND OF AREA:				
LAWNS AND HIGH MAINTENANCE AREAS				
SEED MIXTURE	LBS./ACRE	LBS./1,000 SQ.FT.		
KENTUCKY BLUEGRASS	20	0.45		
CREeping RED FESCUE	5	0.1		
PERENNIAL RYEGRASS	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.



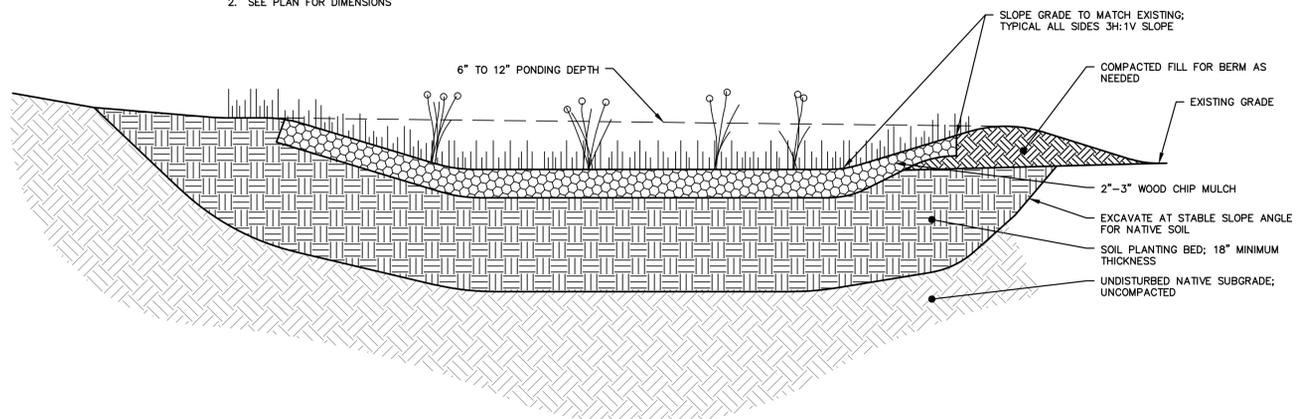
- A) MINIMUM LENGTH OF SILT FENCE IS 15 L.F.
- B) MAXIMUM POST SPACING IS 10 L.F.
- C) JOINTS ONLY AT SUPPORT POST WITH MINIMUM 6" OVERLAP, SECURELY SEALED.
- D) SEDIMENTATION DEPOSITS SHALL BE REMOVED WHEN THEY REACH 1/2 THE HEIGHT OF THE SILT FENCE.
- E) SILT FENCE SHALL NOT BE USED IN A WATER COURSE.
- 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.

- NOTE:
1. VEGETATION SEED MIX TO BE NORTHEAST WILDFLOWER SEED MIX FROM AMERICAN MEADOWS OR APPROVED EQUAL.
  2. SEE PLAN FOR DIMENSIONS



4 STORMWATER INFILTRATION RAIN GARDEN  
C-2.0 N.T.S.

- CONSTRUCTION NOTES:
1. BUILD AND VEGETATE RAIN GARDEN AS EARLY AS POSSIBLE TO ESTABLISH PLANTINGS BEFORE DIRECTING STORMWATER RUNOFF TO IT OR DIVERT STORMWATER AROUND FACILITY. PREFERABLY, THIS PERIOD WOULD LAST A MINIMUM OF 3 MONTHS.
  2. INFILTRATION AREAS SHALL BE FENCED OFF FROM THE FIRST DAY OF EARTH MOVING UNTIL PROJECT COMPLETION TO PREVENT COMPACTION OF THE SUBGRADE, DIRT TRACKING ONTO ANY LAYER OF THE FACILITY AND STOCKPILING OF CONSTRUCTION MATERIALS THAT MAY CLOG THE SURFACE.
  3. DURING EXCAVATION OF NATIVE SOILS TO THE BOTTOM OF THE FACILITY, RAINFALL MAY CAUSE FINES TO CLOG THE SURFACE OF THE FACILITY. IF THE NATIVE SOIL HAS BEEN EXPOSED TO RAINFALL, HAND RAKE THE SURFACE TO A DEPTH OF 3" TO RESTORE INFILTRATION CAPACITY.

- AMENDED PLANTING SOIL MIX SPECIFICATIONS
1. AMENDED PLANTING SOIL MIX SHALL HAVE THE FOLLOWING CHARACTERISTICS:
    - a. 60% LOAMY SAND AND 40% COMPOST.
    - b. ORGANIC CONTENT MATTER FROM 8-10% BY WEIGHT
    - c. CATION EXCHANGE CAPACITY (CEC) GREATER THAN OR EQUAL TO 5 MILLIEQUIVALENTS/100 GRAMS OF DRY SOIL
    - d. 2-5% MINERAL FINES CONTENT
    - e. US STANDARD PERCENT PASSING
 

SIEVE SIZE	PERCENT PASSING
#4	100
#10	95-100
#20	75-90
#40	25-40
#100	4-10
#200	2-5
    - f. MINIMUM LONG-TERM HYDRAULIC CONDUCTIVITY OF 1 INCH/HOUR PER ASTM D2434 AT 85% COMPACTION PER ASTM D 1557.
    - g. MAXIMUM IMMEDIATE HYDRAULIC CONDUCTIVITY OF 12 INCHES/HOUR.
  2. AMENDED PLANTING SOIL MIX MAY BE CREATED BY LABORATORY TESTING THE ON-SITE NATIVE SOILS AND MIXING MATERIALS FROM OFF-SITE AS NEEDED TO ACHIEVE THE CHARACTERISTICS DESCRIBED IN NOTE 1 ABOVE.
  3. AMENDED PLANTING SOIL MIX SHOULD BE UNIFORMLY MIXED WITH A SOIL MIXER.
  4. PLACEMENT OF AMENDED PLANTING SOIL MIX SHALL OCCUR PER THE FOLLOWING GUIDELINES:
    - a. PLACE SOIL IN 12" LIFTS, KEEPING MACHINERY OUTSIDE OF INFILTRATION AREA.
    - b. DO NOT PLACE SOILS IF SATURATED.
    - c. COMPACT EACH LIFT WITH WATER OR BOOT PACKING UNTIL JUST SATURATED TO 85% COMPACTION. DO NOT COMPACT WITH HEAVY MACHINERY OR VIBRATORY COMPACTION.

- PLANTING SPECIE SPECIFICATIONS
1. INDIVIDUAL INFILTRATION RAIN GARDENS SHALL HAVE THE FOLLOWING PLANTING SPECIES:
    - a. PERENNIALS - THREE SETS OF ,TWO EACH, OF ANY OF THE FOLLOWING SPECIES
      - a.o. SWAMP MILKWEED, NEW YORK ASTER, ASTILBE, TICKSEED SUNFLOWER, JOE PYE WEED, ROSE MALLOW, IRIS, CARDINAL FLOWER, SPIKE GAY FEATHER, SENSITIVE FERN, CINNAMON FERN, ROYAL FERN, MARSH FERN, SPIDERWORT, AND BLACK-EYED SUSAN
      - b. GRASSES - A MIXTURE OF 3 OR MORE OF THE FOLLOWING SPECIES COVERING THE ENTIRE GARDEN:
        - b.o. CREEPING BENTGRASS, MEADOW FOXTAIL, BLUE JOINT, TUSSOCK SEDGE, TUFTED HAIR GRASS, SWITCH GRASS, AND RIBBON GRASS
    2. FOR A LIST OF SPECIES' SCIENTIFIC NAMES REFER TO 'RAIN GARDENS, A DESIGN GUIDE FOR HOMEOWNERS IN CONNECTICUT' PUBLISHED BY THE UNIVERSITY OF CONNECTICUT.

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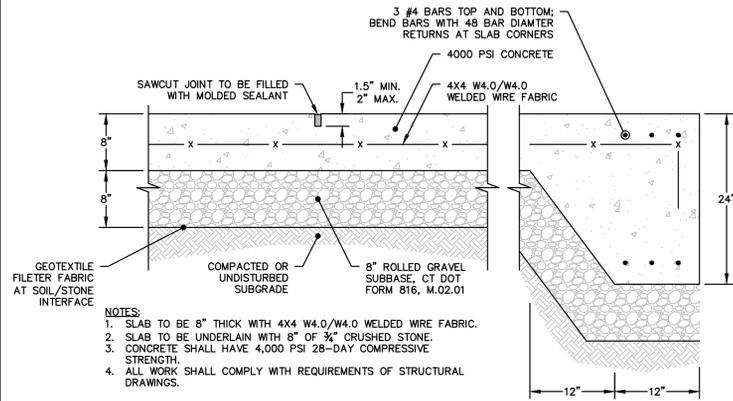
PROJECT 2503  
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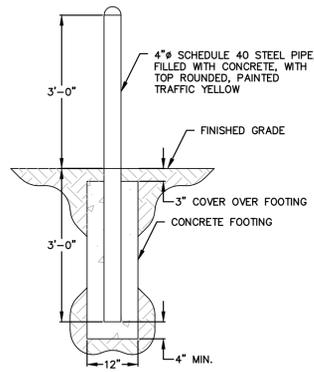
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4	6/9/2016	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR
3	5/10/2016	ISSUED FOR PLANNING AND ZONING REVIEW		MBR	REC
2	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW		MBR	REC
1	2/22/2016	ISSUED FOR WETLANDS REVIEW		MBR	REC
NO.	DATE	REVISIONS		BY	CHK
DRAWN:	KNL	CHECKED:	MBR	APPROVED:	REC
SCALE:	N.T.S.	DATE:	2/22/2016		

**SOIL EROSION AND  
SEDIMENT CONTROL DETAILS**

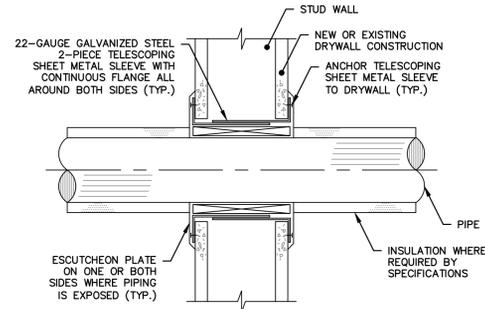
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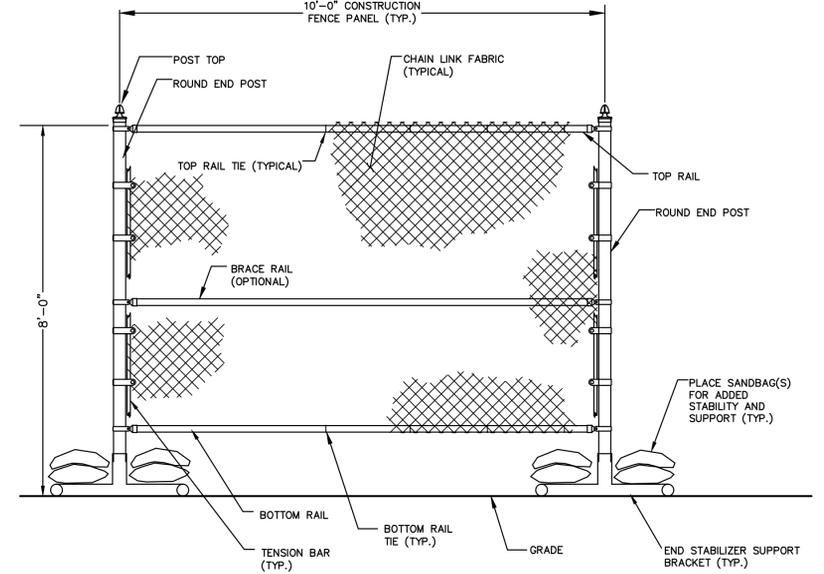
1 TYPICAL CONCRETE DRIVEWAY/SLAB  
C-2.1 N.T.S.



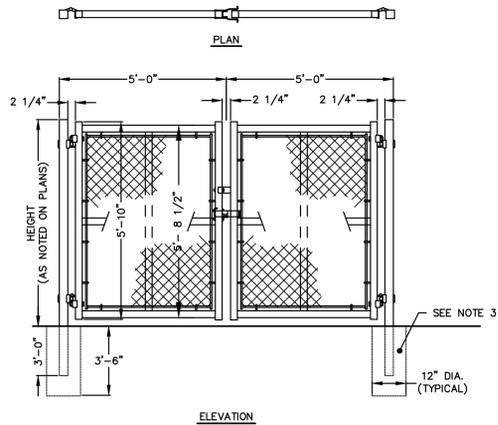
2 TYPICAL BOLLARD  
C-2.1 N.T.S.



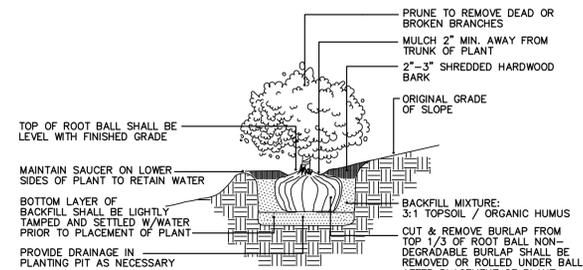
3 TYPICAL WALL/FLOOR PENETRATION  
C-2.1 N.T.S.



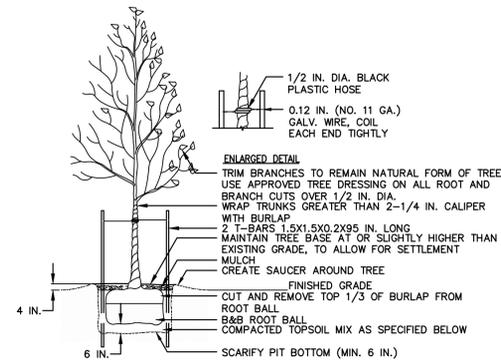
4 TYPICAL PORTABLE CONSTRUCTION CHAIN LINK FENCE  
C-2.1 N.T.S.



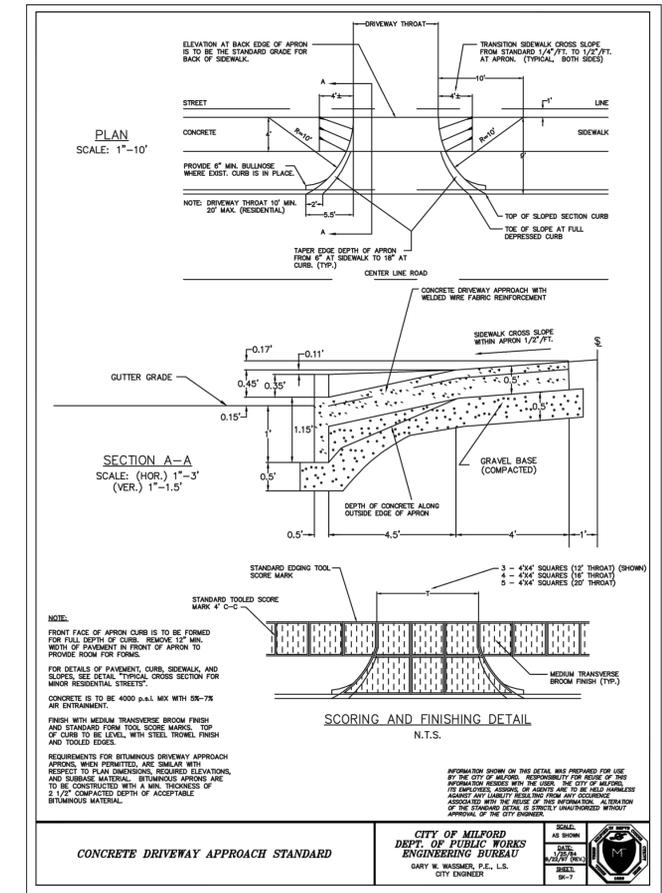
5 TYPICAL DOUBLE LEAF CHAIN LINK FENCE GATE  
C-2.1 N.T.S.



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



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



8 CONCRETE DRIVEWAY APPROACH  
C-2.1 AS NOTED

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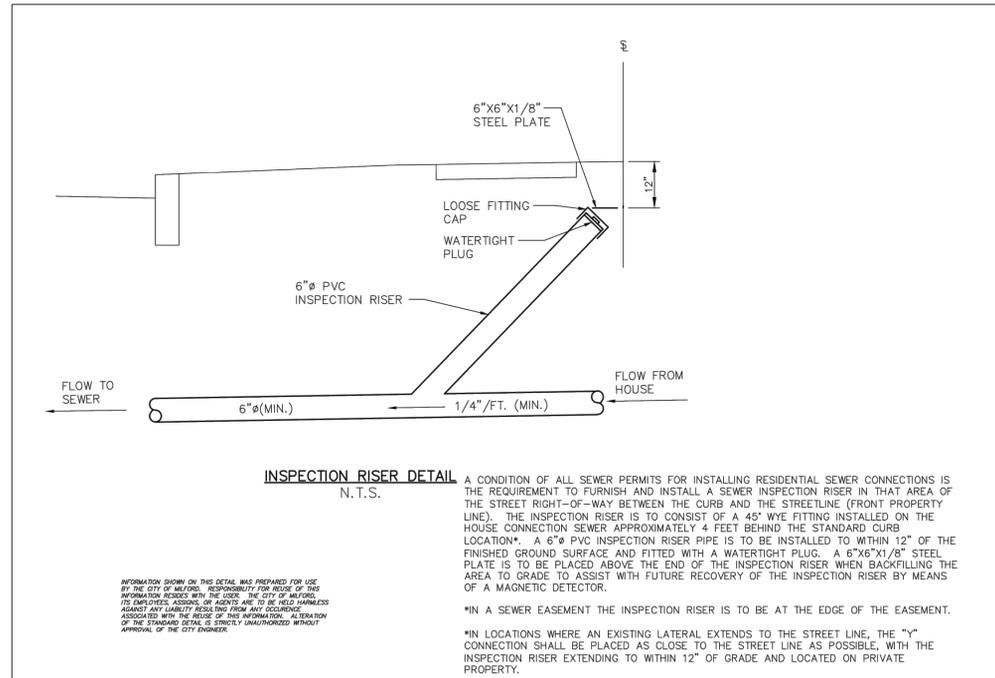
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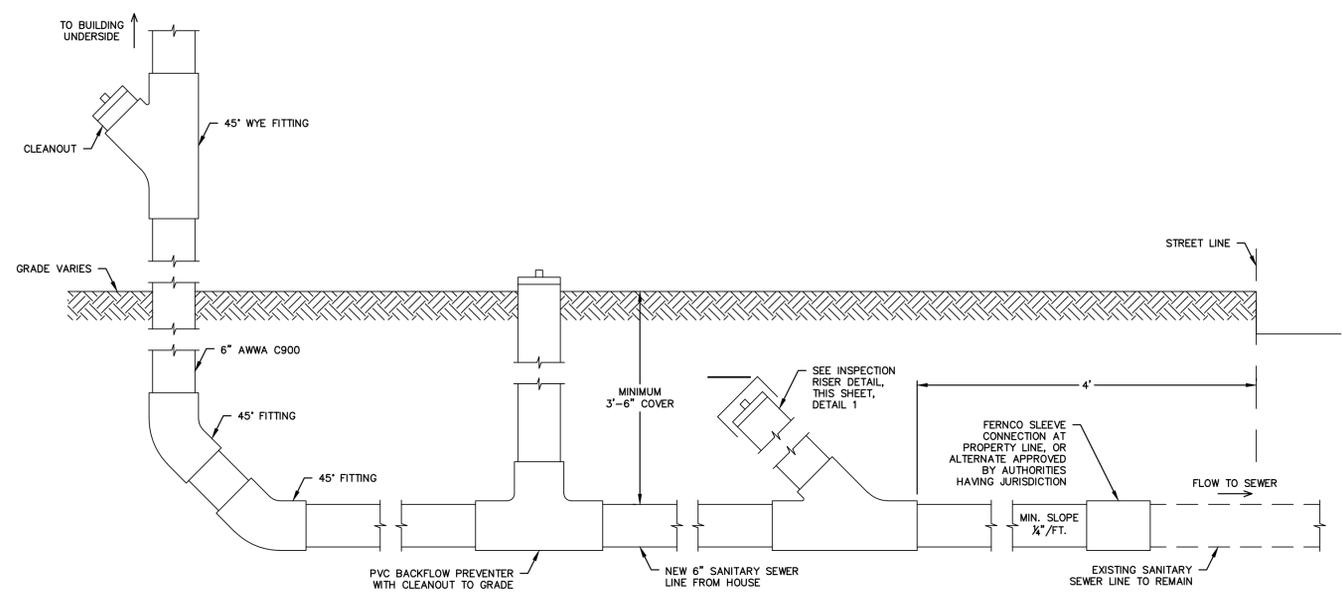
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2	5/10/2016	ISSUED FOR PLANNING AND ZONING REVIEW	MBR	MBR	REC
1	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 3/23/2016

MISCELLANEOUS DETAILS

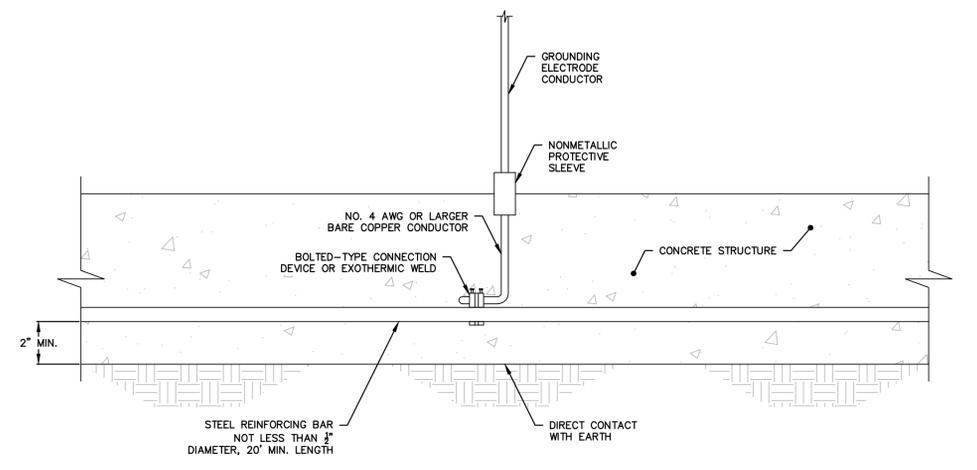
JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	C-2.1



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



2 SANITARY DRAIN SCHEMATIC  
C-2.2 1" = 1'



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

NOTE:  
1. ALL WORK FOR SANITARY SEWER LATERAL TO BE PER SPECIFICATION SECTION 221313.

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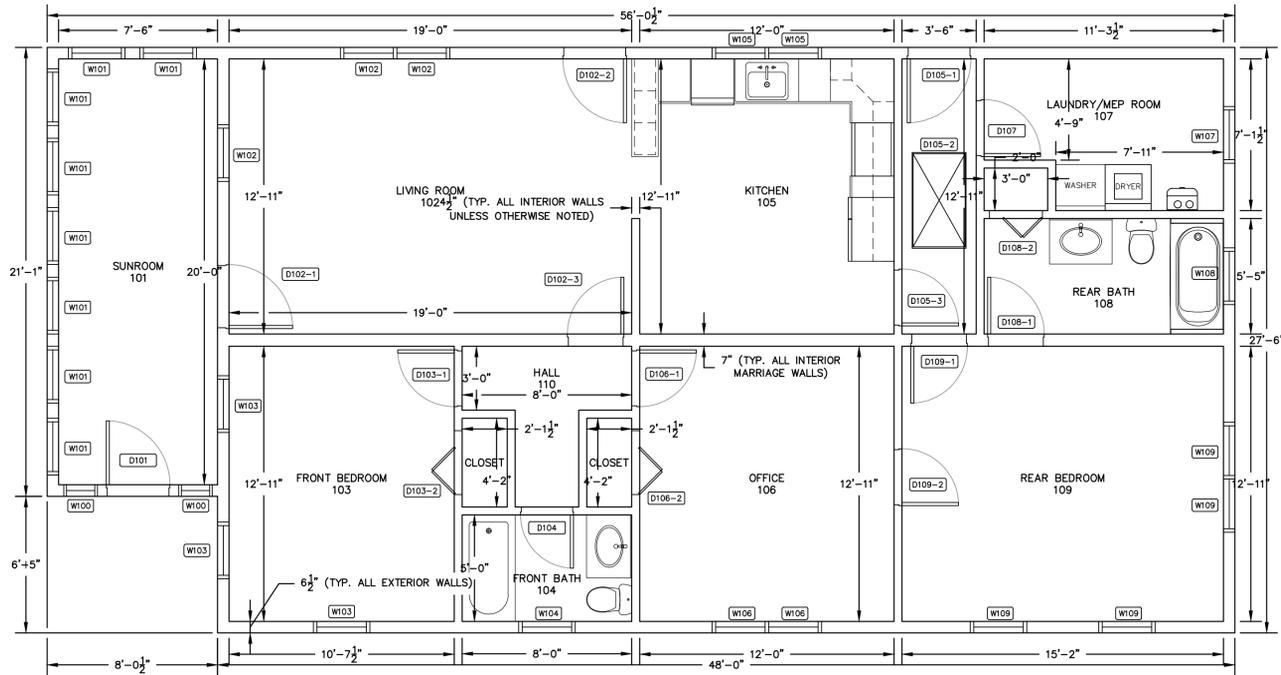
PROJECT 2503  
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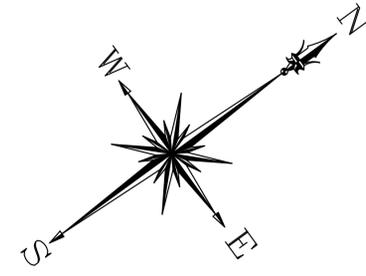
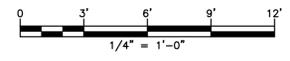
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3	2/19/2016	ISSUED FOR BIDDING	MBR	MBR	REC
2	2/9/2016	RE-ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
1	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 3/23/2016

**BUILDING UTILITY DETAILS**

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	C-2.2



**FIRST FLOOR**



**GENERAL NOTES**

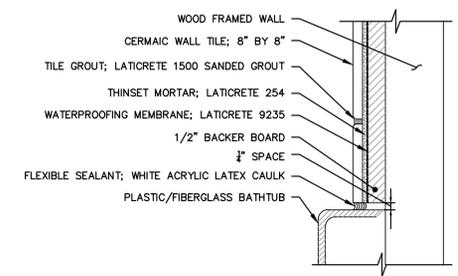
1. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL MEASUREMENTS. ANY VARIATIONS FROM CONDITIONS SHOWN ARE TO BE BROUGHT TO THE ATTENTION OF THE DESIGN PROFESSIONAL AND/OR MCA PRIOR TO BIDDING FOR RESOLUTION IN ACCORDANCE WITH CONTRACT DOCUMENT REQUIREMENTS.
2. ALL REQUIRED PERMITS ARE TO BE OBTAINED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

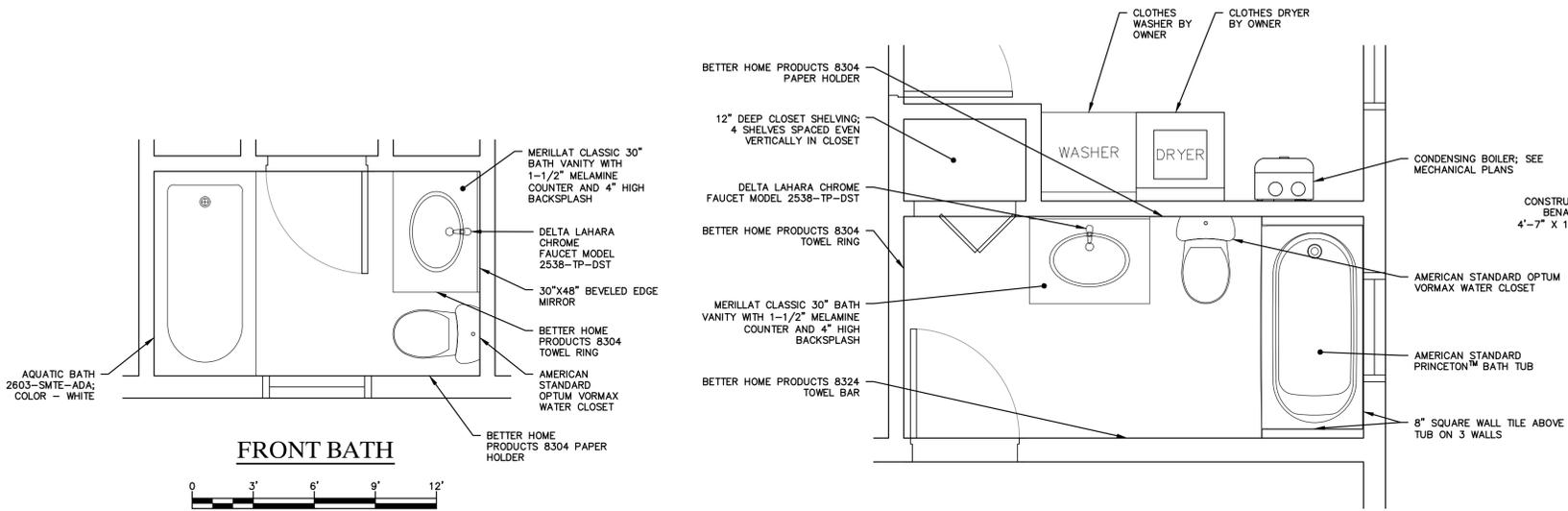
1. ALL DOORS ARE TO BE INSTALLED PER ALL MANUFACTURER REQUIREMENTS.
2. ALL DOORS ARE TO BE LABELED AND TESTED IN ACCORDANCE WITH AAMA 101.
3. EXTERIOR DOOR DIMENSION SHALL BE 3'-0" WIDE BY 6'-8" IN HEIGHT.
4. EXTERIOR DOOR DESIGN PRESSURE (DP) RATING SHALL BE MINIMUM 50 POUNDS PER SQUARE FOOT.

**GENERAL WINDOW NOTES**

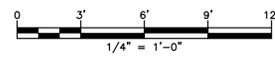
1. ALL WINDOWS ARE TO BE INSTALLED PER ALL MANUFACTURER REQUIREMENTS.
2. ALL WINDOW SILLS TO BE A MINIMUM OF 24" ABOVE APPLICABLE FINISHED FLOOR ELEVATION, BUT NO MORE THAN 36".
3. MINIMUM CLEAR OPENINGS SHALL BE 20".
4. WINDOW OPENINGS SHALL PROVIDE A MINIMUM OF 5.7 S.F. CLEAR OPENING.
5. ALL WINDOWS ARE TO BE LABELED AND TESTED IN ACCORDANCE WITH AAMA 101.
6. ALL SELF-ADHERED MEMBRANES FOR WINDOW FLASHINGS SHALL COMPLY WITH AAMA 711.
7. WINDOW GLAZING TO MEET ENERGY STAR® "WHOLE UNIT" RATINGS FOR NORTHERN CLIMATE ZONE.
8. EXTERIOR WINDOW DESIGN PRESSURE (DP) RATINGS SHALL BE A MINIMUM OF 50 POUNDS PER SQUARE FOOT.



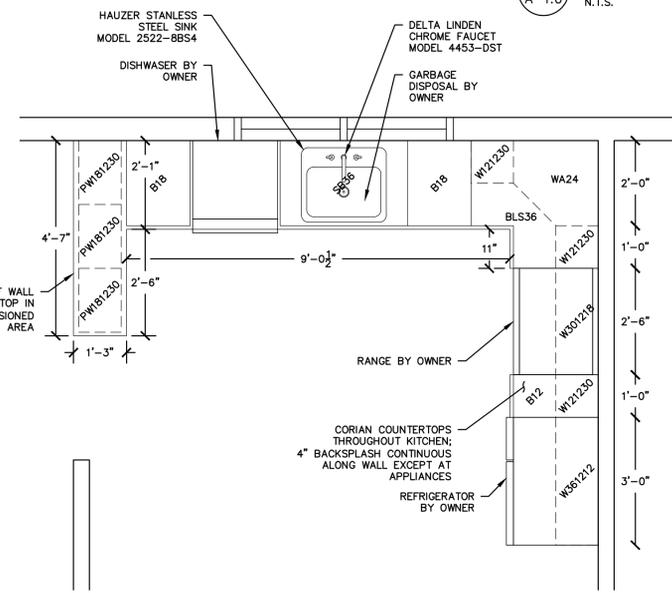
**1 A-1.0 TUB SHOWER TILE SURROUND SECTION**  
N.T.S.



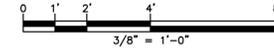
**FRONT BATH**



**REAR BATH AND MEP ROOM**



**KITCHEN**



- KITCHEN NOTES**
1. CABINET LAYOUT IS BASED ON MERRILLAT CLASSIC™ SERIES
  2. SEE SPECIFICATION FOR ADDITIONAL CABINET CONSTRUCTION DETAILS
  3. COORDINATE FINAL LAYOUT WITH OWNER TO ACCOMMODATE APPLIANCES. LAYOUT SHOWN ACCOMMODATES THE FOLLOWING APPLIANCES OPENINGS
    - 3.1. REFRIGERATOR - 36"
    - 3.2. RANGE - 30" - PROVIDE HEAT SHIELDS
    - 3.3. DISH WASHER - 24"
  4. CABINET TYPE LABELS ARE AS FOLLOWS
    - 4.1. PW - PENINSULA WALL CABINET, SINGLE DOOR EACH SIDE, DOORS TO BE MULLION GLASS
    - 4.2. B - BASE CABINET, SINGLE DOOR
    - 4.3. BLS - BASE LAZY SUSAN CABINET
    - 4.4. W - WALL CABINET, SINGLE DOOR, WALL CABINETS GREATER THAN 18" IN WIDTH TO BE DOUBLE DOOR
    - 4.5. WA - WALL ANGLE SINGLE DOOR
  5. CABINET DIMENSIONS ARE BASED ON UNIVERSAL NOMINAL DIMENSIONS INDICATED IN SIX NUMBER ARRANGEMENT FOR WIDTH, HEIGHT, DEPTH
    - 5.1. ALL BASE CABINETS ARE 24" IN DEPTH AND 34" IN HEIGHT NOMINAL DIMENSIONS
  6. CABINET DOORS
    - 6.1. DOORS SHALL BE PLASTIC LAMINATE FACED MEDIUM DENSITY FIBERBOARD (MDF)
    - 6.2. CONFIRM HARDWARE SELECTION WITH OWNER
  7. SHELING
    - 7.1. BASE CABINET SHELING SHALL BE FULL DEPTH, EACH CABINET SHALL HAVE ONE SHELF AND STANDARD CONSTRUCTION DRAWER
    - 7.2. SHELF HEIGHT SHALL BE ADJUSTABLE WITH LOCKING CLIPS
    - 7.3. WALL CABINET SHELING SHALL BE FULL DEPTH OF CABINET
      - 7.3.1. WALL CABINETS LESS THAN 12" SHALL HAVE NO SHELVES
      - 7.3.2. WALL CABINETS WITH 18" DEPTH SHALL HAVE 1 SHELF
      - 7.3.3. WALL CABINETS GREATER THAN 18" IN HEIGHT SHALL HAVE 2 SHELVES

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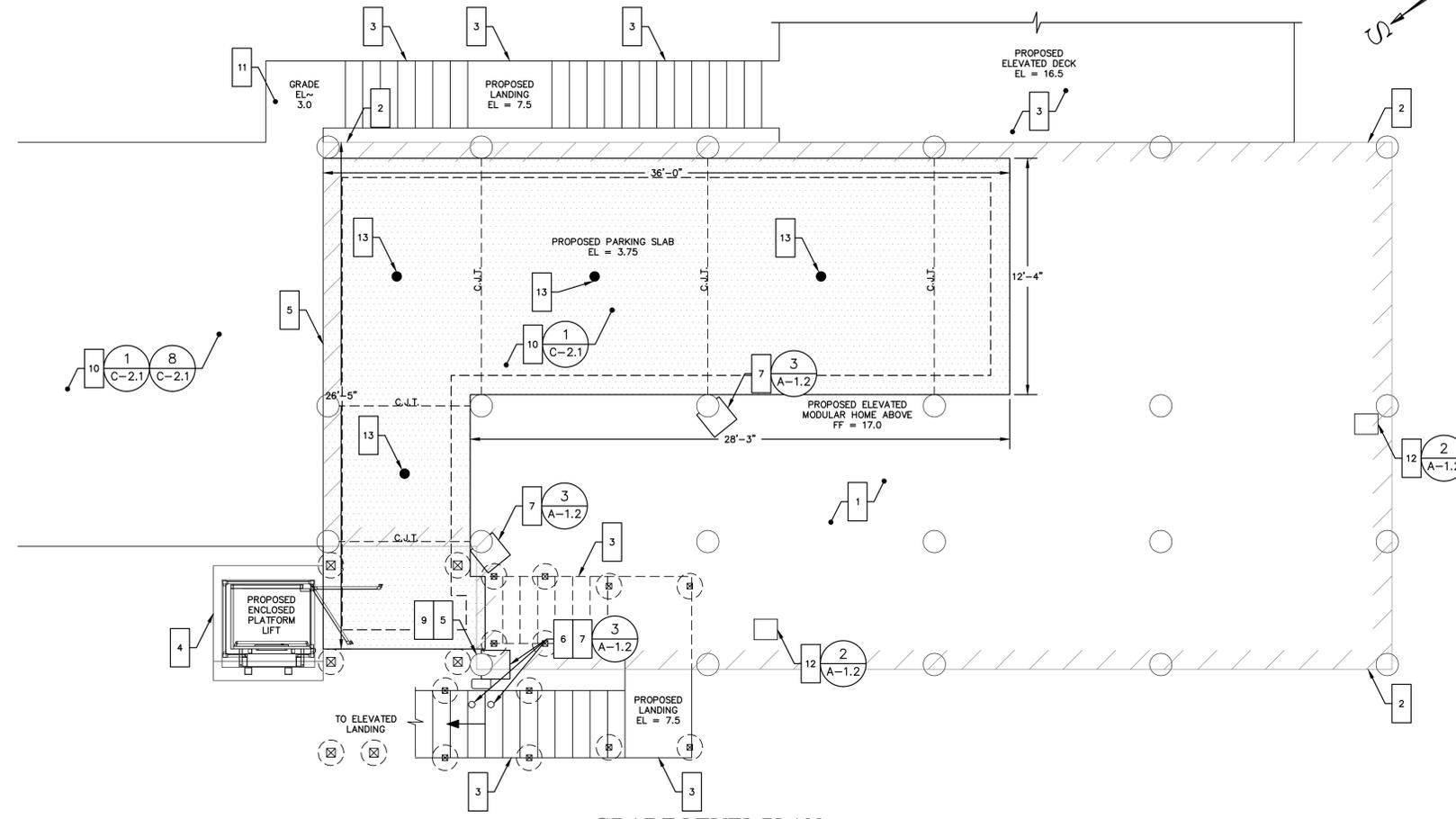
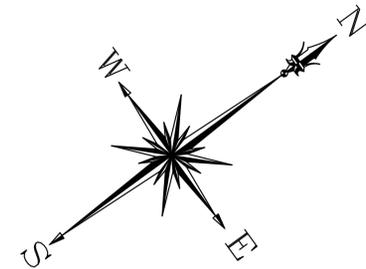
**PROJECT 2503**  
23 CAROLINE STREET  
MILFORD, CONNECTICUT 06460

**ISSUED FOR BIDDING**  
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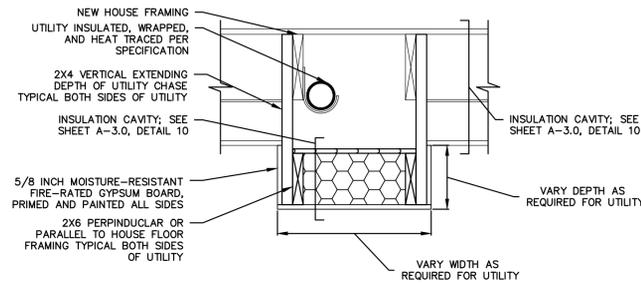
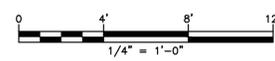
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4	6/14/2016	ISSUED FOR BIDDING		MBR	MBR REC
3	6/9/2016	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC
2	5/10/2016	ISSUED FOR PLANNING AND ZONING REVIEW		MBR	MBR REC
1	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW		MBR	MBR REC
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: 1/2" = 1'	DATE: 3/23/2016

**PROPOSED FLOOR PLANS - 1**

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	A-1.0

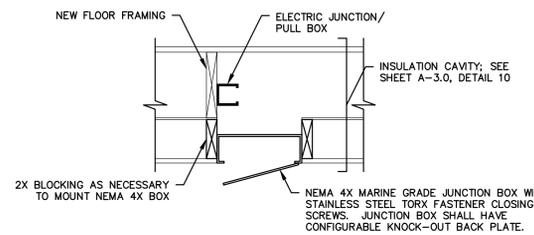


**GRADE LEVEL PLAN**



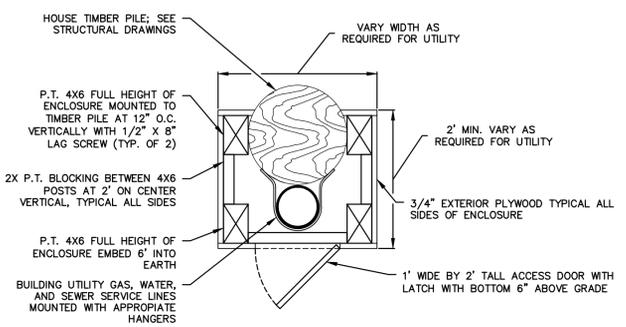
1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. WIDTH OF UTILITY CHASE SHALL BE FIELD VERIFIED WITH CONTRACTOR AND ENGINEER FOR PROPER ACCESS TO REPLACE, REPAIR, OR MAINTAIN SUBJECT UTILITY.
3. UTILITY CHASE SHALL BE CONSTRUCTED FOR NATURAL GAS SERVICE, SANITARY SEWER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

**1 HORIZONTAL UTILITY CHASE**  
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 JUNCTION/PULL BOXES FOR ACCESS BOX INSTALLATION.
3. NEMA JUNCTION BOX SHALL BE INSTALLED PER MANUFACTURER INSTRUCTIONS, FLUSH WITH SURROUNDING GYPSUM BOARD, WITH WEATHER TIGHT SEAL.

**2 BENEATH HOUSE ACCESS BOX**  
1" = 1'-0"



1. ALL FASTENERS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE STAINLESS STEEL.
2. NAILING/FASTENING NOT SPECIFIED SHALL MEET REQUIREMENTS OF 2003 IBC NAILING SCHEDULE.
3. EXPOSED EXTERIOR FACES OF ENCLOSURE ABOVE GRADE SHALL BE PRIMED AND PAINTED WITH EXTERIOR PAINT IN OWNER SELECTED COLOR.

**3 COLUMN UTILITY CHASE**  
1" = 1'-0"

**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, 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 FURNISH AND INSTALL ALL MATERIALS FOR CONSTRUCTION AND INSTALLATION OF NEW ELEVATED MODULAR HOME AND SUPPORTS; SEE STRUCTURAL DRAWINGS
- 2 FURNISH AND INSTALL ALL MATERIALS FOR ROOF DOWNSPOUTS EXTENDED TO GRADE; FURNISH AND INSTALL CONCRETE SPLASH BLOCKS
- 3 FURNISH AND INSTALL ALL MATERIALS FOR NEW DECKS AND STAIRS AT NORTHWESTERN AND SOUTHEASTERN SIDES OF HOUSE. FURNISH AND INSTALL ALL MATERIALS FOR ROOF ABOVE SOUTHEASTERN STAIR AND LANDINGS. ALTERNATE 2 - ROOF ABOVE LANDING ONLY.
- 4 FURNISH AND INSTALL VERTICAL STAIRWAY CHAIR LIFT ON SOUTHEASTERN STAIR. ALTERNATE 2 - FURNISH AND INSTALL ALL MATERIALS FOR NEW ENCLOSED PLATFORM LIFT AT SOUTHERN CORNER OF HOUSE.
- 5 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
- 6 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.
- 7 EXTEND WATER, GAS, AND SANITARY SERVICES TO ELEVATED HOUSE; INSULATE, PROTECT, AND MOUNT ALL SERVICES PER CONTRACT SPECIFICATIONS. CONSTRUCTION UTILITY CHASES FOR NATURAL GAS, DOMESTIC WATER AND SANITARY SEWER SERVICE LINES.
- 8 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 2X10 HOUSE FLOOR FRAMING
- 9 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 10 FURNISH AND INSTALL ALL MATERIALS FOR NEW CONCRETE DRIVE AT FRONT OF HOUSE AND NEW CONCRETE PARKING AREA BENEATH HOUSE. HAUNCH PARKING SLAB AND DRIVEWAY.
- 11 FURNISH AND INSTALL ALL MATERIALS FOR NEW CONCRETE SIDEWALK AT BOTTOM OF PROPOSED STAIRS AT WESTERN CORNER OF HOUSE, ADJACENT TO EXISTING DRIVEWAY
- 12 FURNISH AND INSTALL ACCESS DOORS AT SEWER CLEANOUTS AND SHUTOFF VALVES BENEATH HOUSE
- 13 FURNISH AND INSTALL HYDROSTATIC RELIEF VALVE IN SLAB, PROVIDE TROY MODEL A2550RSN/6 OR APPROVED EQUAL

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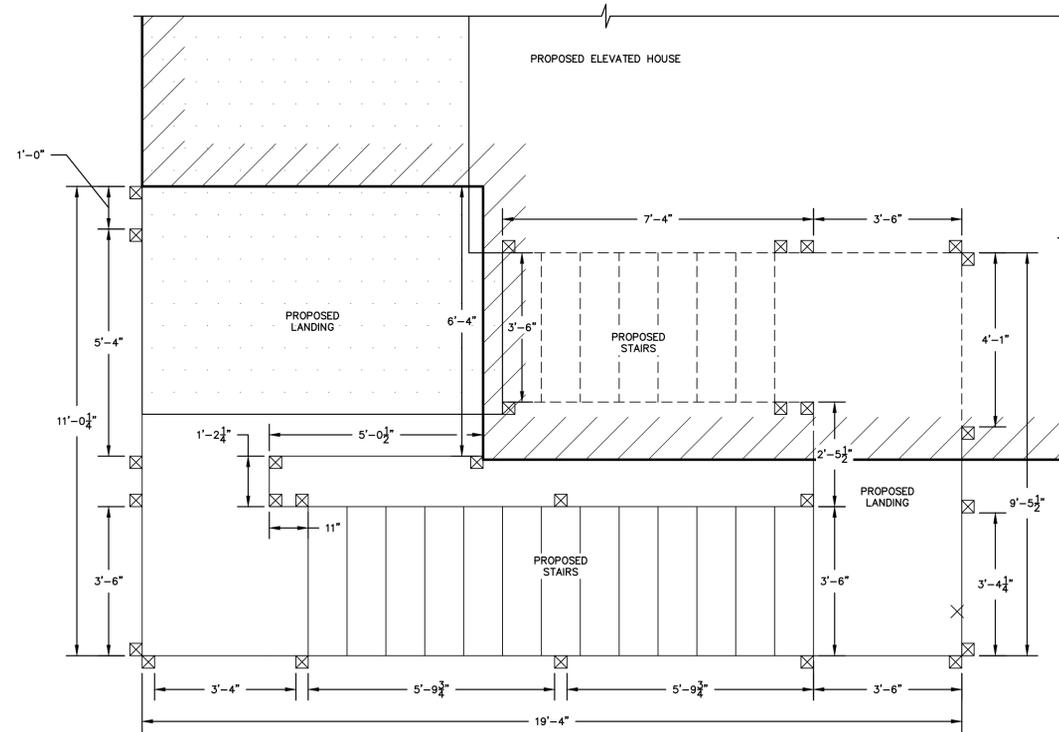
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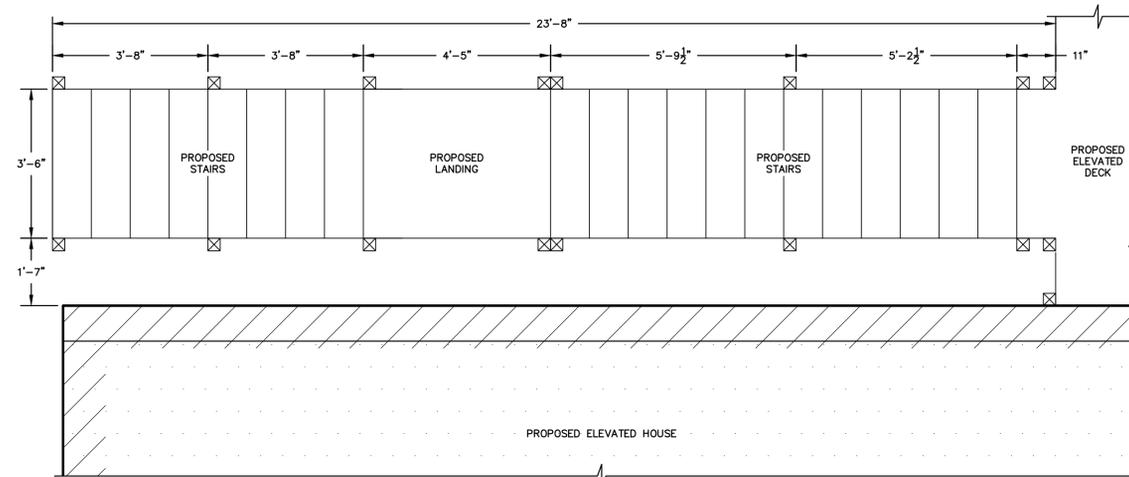
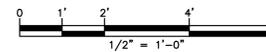
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**PROPOSED FLOOR PLANS - 2**

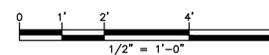
JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	A-1.1



**SOUTHEAST STAIR**



**NORTHWEST STAIR**



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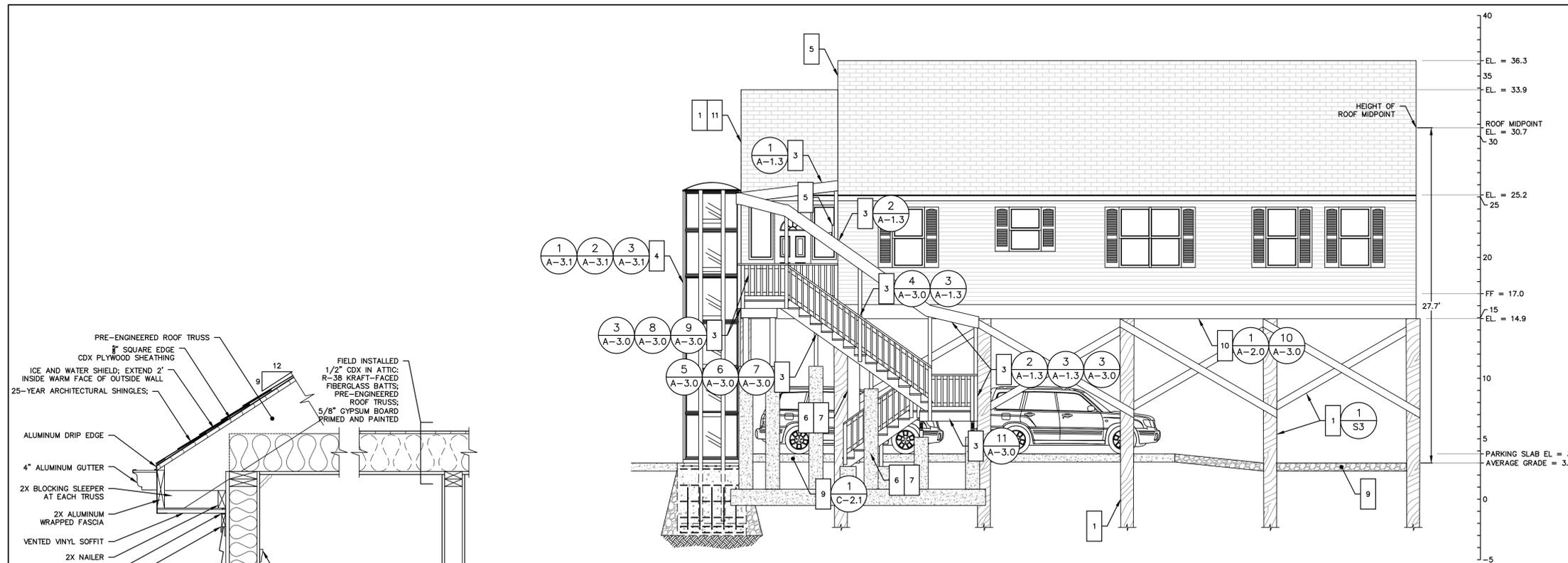
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DRAWN: MBR		CHECKED: MBR	APPROVED: REC	SCALE: 1/2" = 1'	DATE: 3/23/2016

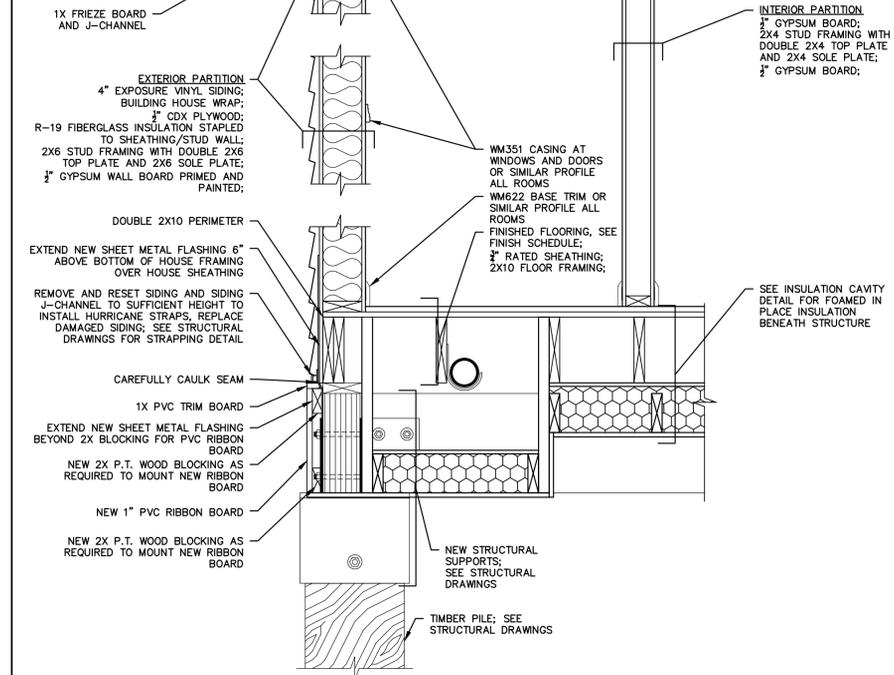
**PROPOSED FLOOR PLANS - 3**

JOB NO.	DRAWING NUMBER	SHEET
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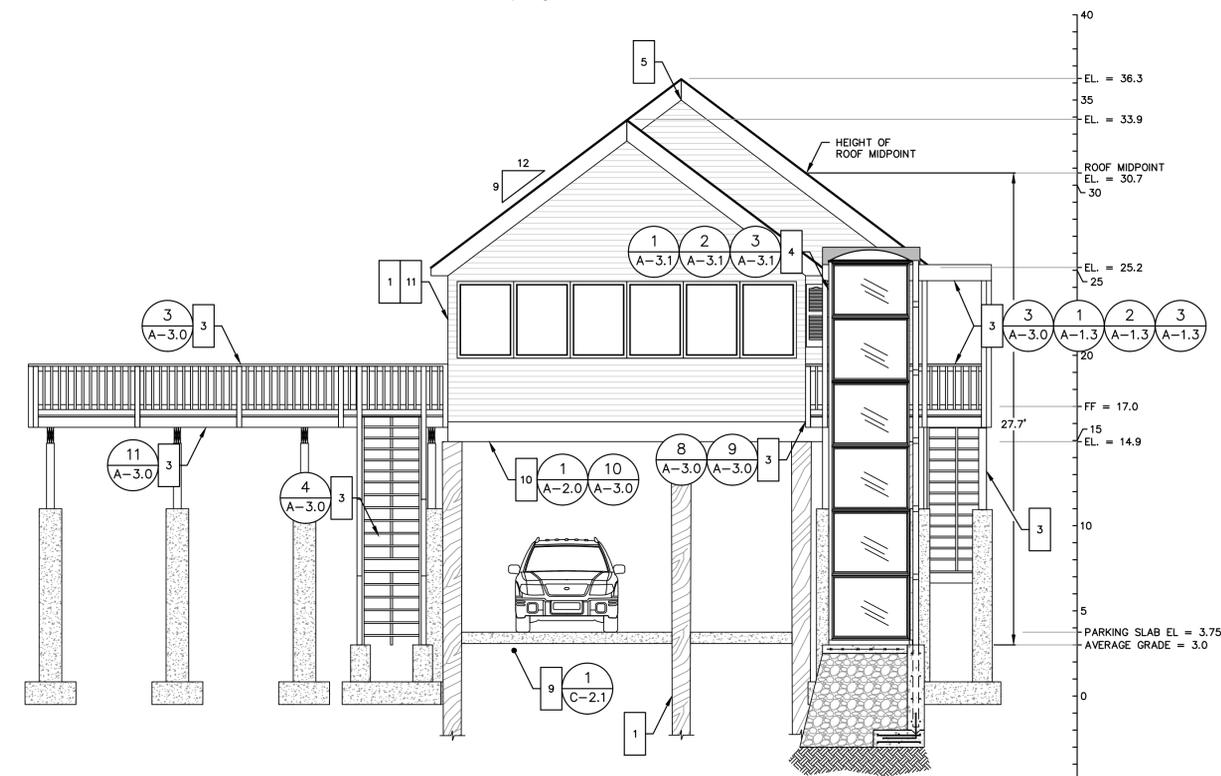




SOUTHEAST (SIDE) ELEVATION



1 BUILDING SECTION  
A-2.0  
1" = 1'-0"



SOUTH WEST (FRONT) ELEVATION

**GENERAL NOTES**

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- 8 COORDINATE OTHER UTILITY CONNECTIONS, INCLUDING TELECOMMUNICATIONS; RESTORE ALL SERVICES TO FUNCTIONAL SERVICE STATES
- 9 FURNISH AND INSTALL ALL MATERIALS FOR NEW CONCRETE PARKING AREA BENEATH HOUSE. FURNISH AND INSTALL 8" THICK LAYER OF 3/4" CRUSHED STONE BENEATH HOUSE, IN AREAS NOT COVERED BY CONCRETE PARKING AREA.
- 10 FURNISH AND INSTALL ALL MATERIALS FOR NEW PVC RIBBON BOARD AROUND ENTIRE STRUCTURE. FURNISH AND INSTALL ALL MATERIALS TO INSULATE AND FINISH UNDERSIDE OF HOUSE.
- 11 COMPLETE REMAINING BUILDING WORK (BOTH INTERIOR AND EXTERIOR)
- 12 RESTORE EXTERIOR AREAS TO EXISTING CONDITIONS OR BETTER

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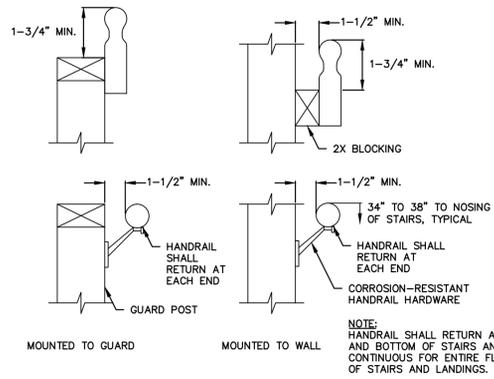
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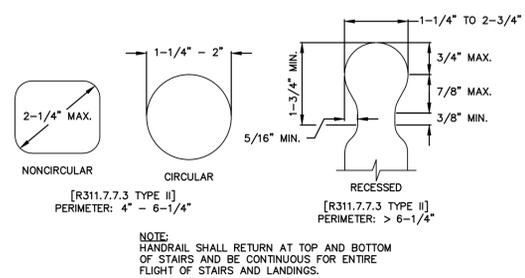
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SCALE:	AS NOTED	DATE:	3/23/2016		

**PROPOSED  
 BUILDING ELEVATIONS**

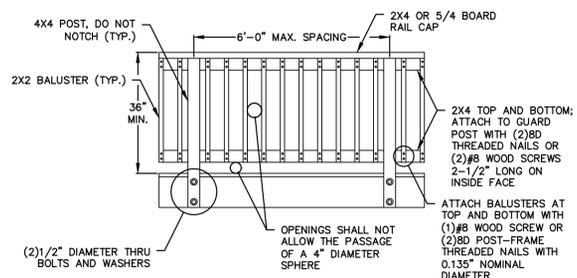
JOB NO.	DRAWING NUMBER	SHEET
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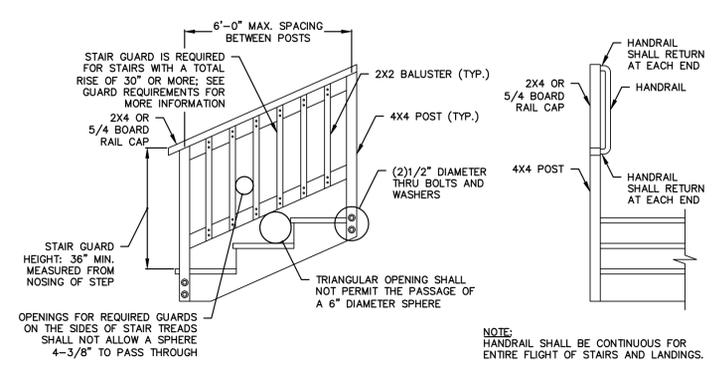
1 TYPICAL HANDRAIL MOUNTING  
A-3.0 N.T.S.



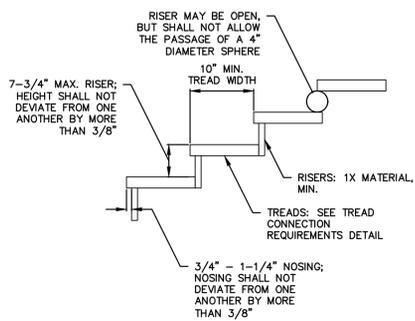
2 TYPICAL HANDRAIL GRIP SIZE  
A-3.0 N.T.S.



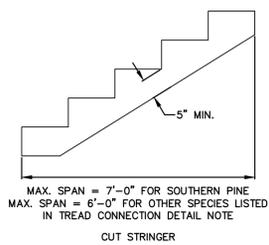
3 TYPICAL DECK RAILING GUARD  
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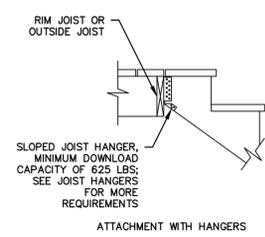
4 TYPICAL STAIR GUARD REQUIREMENTS  
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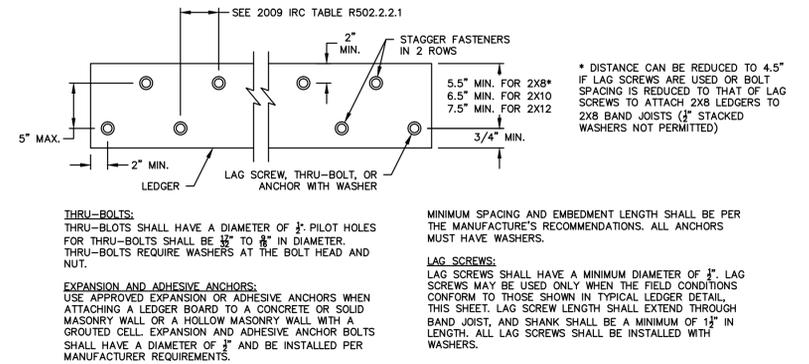
5 TYPICAL TREAD AND RISER  
A-3.0 N.T.S.



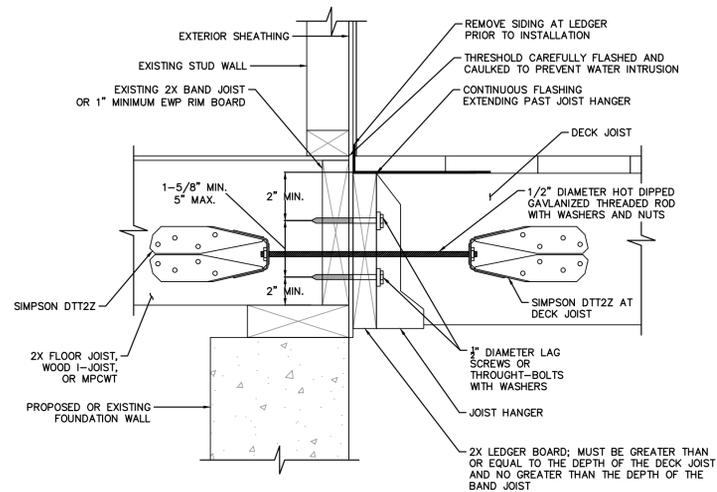
6 TYPICAL STAIR STRINGER REQUIREMENTS  
A-3.0 N.T.S.



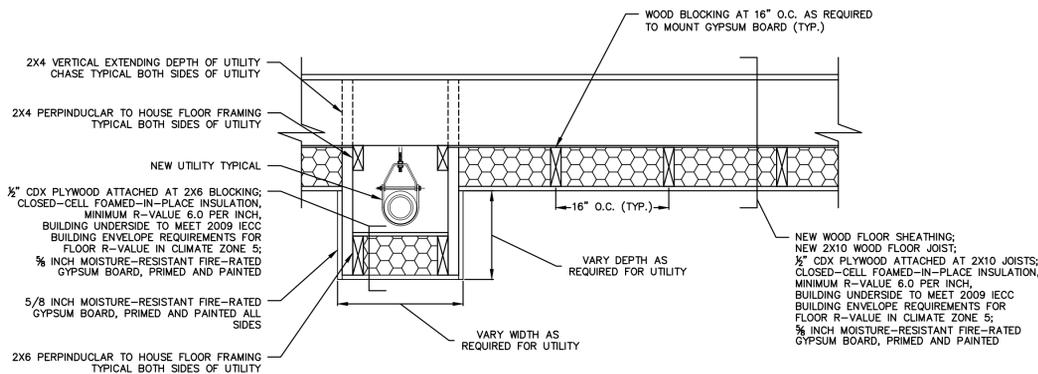
7 TYPICAL STAIR STRINGER ATTACHMENT  
A-3.0 N.T.S.



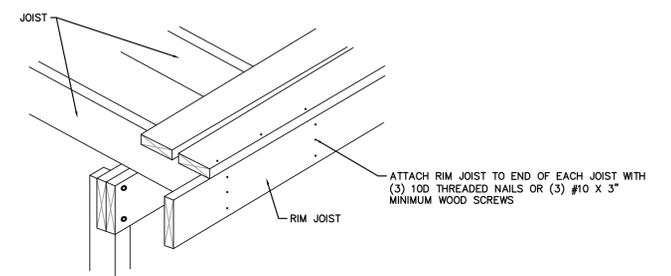
8 TYPICAL LEDGER BOARD FASTENER SPACING AND CLEARANCE  
A-3.0 N.T.S.



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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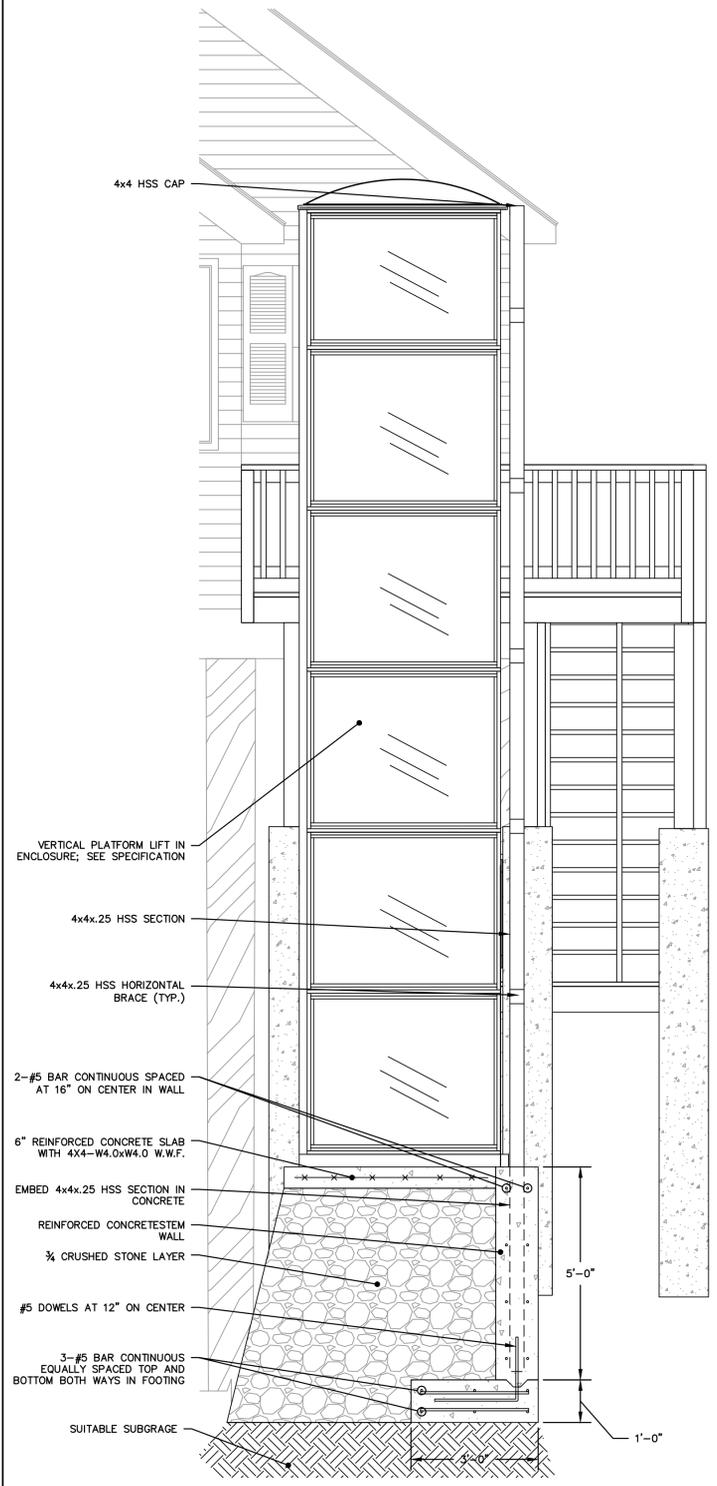
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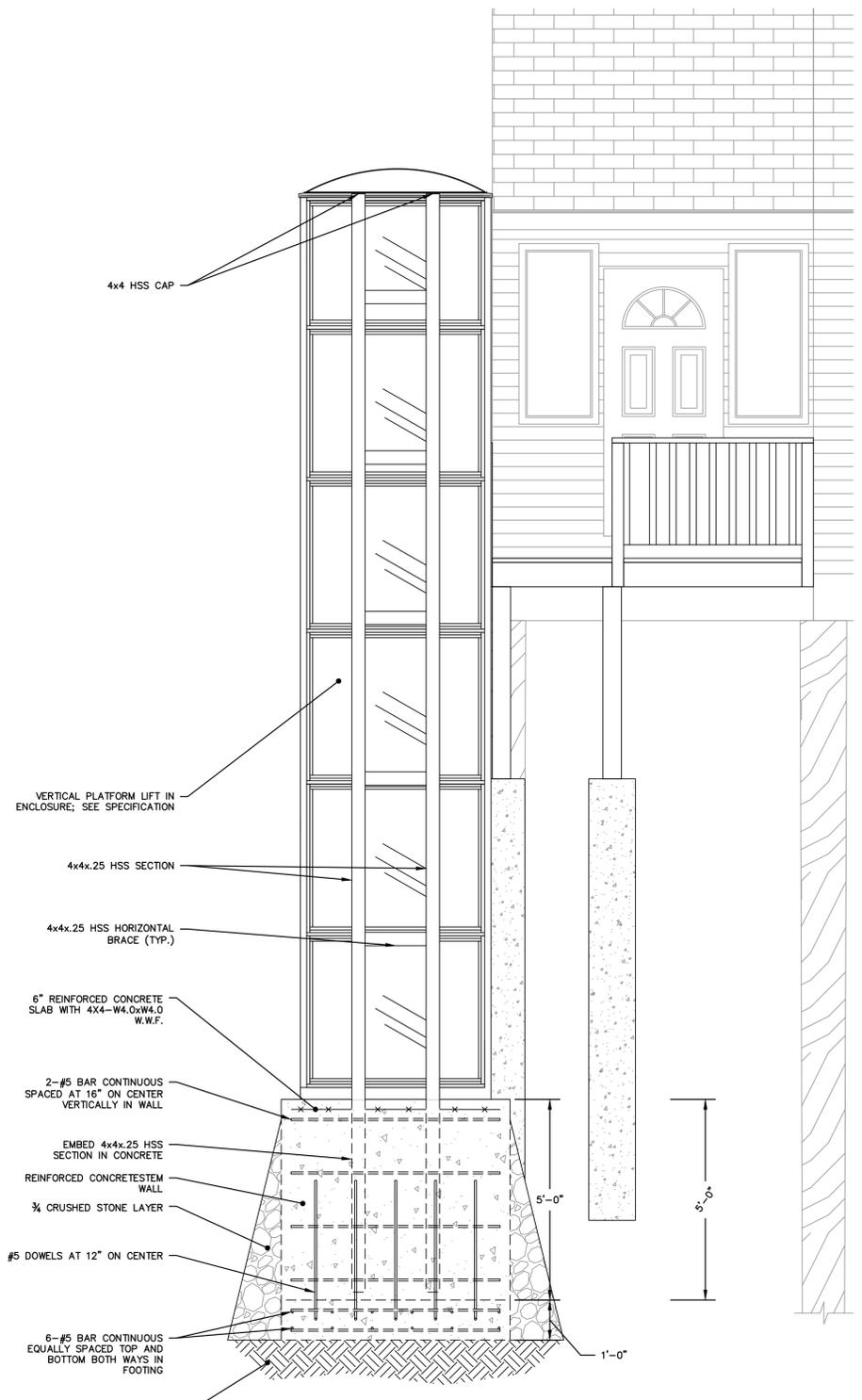
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ARCHITECTURAL DETAILS

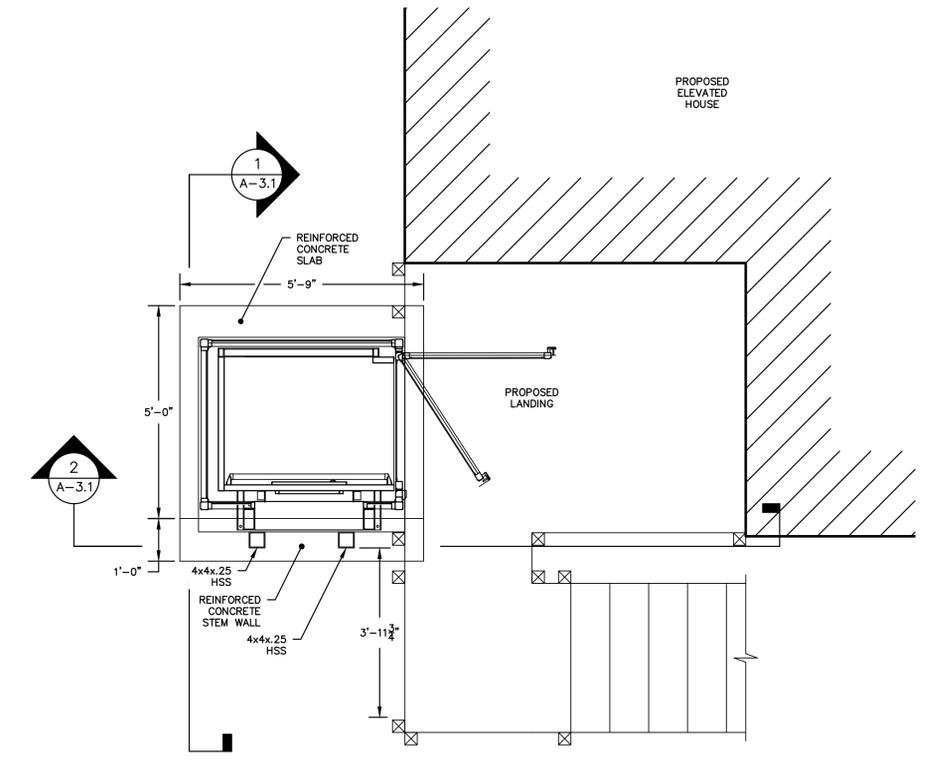
JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	A-3.0



1 PLATFORM LIFT - SOUTHWEST (FRONT) SECTION  
A-3.1 1/2" = 1'-0"



2 PLATFORM LIFT - SOUTHEAST (SIDE) SECTION  
A-3.1 1/2" = 1'-0"



3 PLATFORM LIFT - PLAN VIEW  
A-3.1 1/2" = 1'-0"

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JOB NO.	DRAWING NUMBER	SHEET
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DOOR SCHEDULE

ABBREVIATIONS:  
 AL - ALUMINUM  
 FLGS - FIBERGLASS  
 PTD - PAINTED  
 STD - STANDARD  
 STL - STEEL  
 WD - WOOD

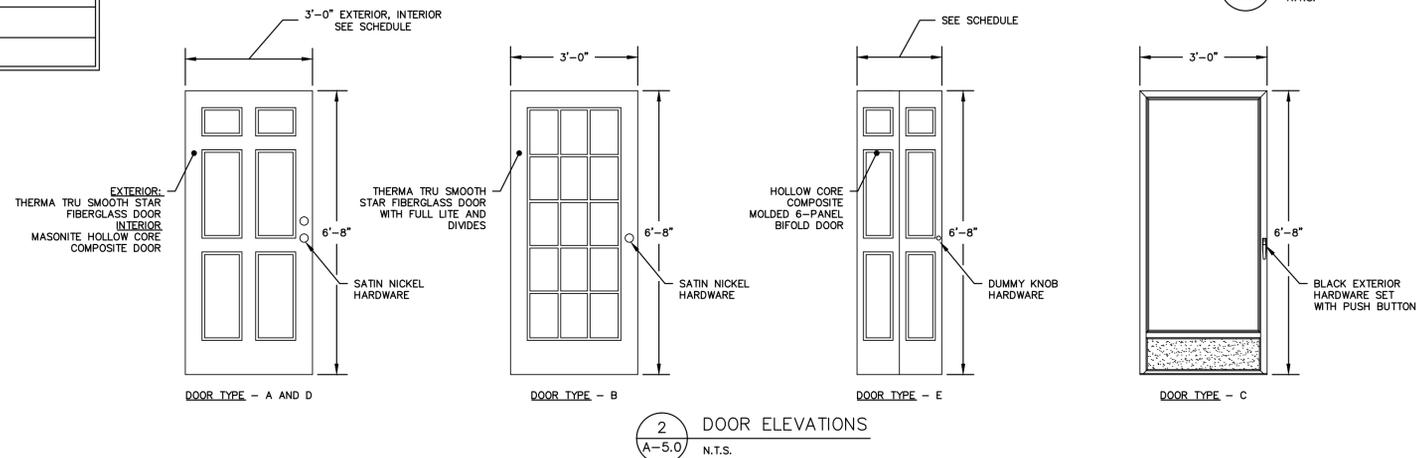
DOOR NUMBER	ROOM NUMBER	DOOR						FRAME		HARDWARE SET***	REMARKS
		HEIGHT	WIDTH	THICKNESS	TYPE**	MATERIAL	FINISH	MATERIAL	FINISH		
D101	101	3'-0"	6'-8"	1-3/4"	B/C	FLGS	STD	WD	STD	2	
D102-1	102	3'-0"	6'-8"	1-3/4"	A	FLGS	STD	WD	STD	2	
D102-2	102	3'-0"	6'-8"	1-3/4"	B/C	FLGS	STD	WD	PTD	1	
D102-3	102	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D103-1	103	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	5	
D103-2	103	2'-8"	6'-8"	1-3/8"	E	WD	STD	WD	PTD	4	
D104	104	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D105-1	105	3'-0"	6'-8"	1-3/4"	B/C	FLGS	STD	WD	PTD	1	
D105-2	105	4'-6"	1'-4"		F	AL/WD	STD	WD	STD	—	
D105-3	105	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	STD	2	
D106-1	106	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D106-2	106	3'-0"	6'-8"	1-3/8"	E	WD	STD	WD	PTD	5	
D107	107	3'-0"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D108-1	108	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D108-2	108	2'-6"	6'-8"	1-3/8"	E	WD	STD	WD	PTD	5	
D109-1	109	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	3	
D109-2	109	2'-8"	6'-8"	1-3/4"	D	WD	STD	WD	PTD	2	

\* CONTRACTOR TO VERIFY DOOR WIDTHS AND HEIGHTS IN FIELD AND MODIFY TO SUIT WITHOUT ADDITIONAL FEES.  
 \*\* SEE DOOR TYPES TABLE, BELOW.  
 \*\*\* SEE HARDWARE SETS TABLE, BELOW. ALL DOORS TO BE KEYPED ALIKE.  
 1. INTERIOR DOOR CASING TO BE WM351 PROFILE OR SIMILAR

DOOR TYPES

A	THERMA TRU PREHUNG STEEL DOOR, WITH METAL FRAME AND ALUMINUM SILL MODEL # S108
B	THERMA TRU PREHUNG STEEL DOOR, WITH METAL FRAME AND ALUMINUM SILL MODEL # S210
C	HARVEY: TRADITIONAL STORM DOOR HI-LITE STYLE
D	MASONITE: 6-PANEL HOLLOW CORE INTERIOR DOOR MASONITE
E	MASONITE: 6-PANEL HOLLOW CORE MOLDED BI-FOLD CLOSET DOOR

HARDWARE SETS	FINISH	REMARK	MANUFACTURER
1	SATIN NICKEL	KEYED ENTRY DOOR KNOB AND DEADBOLT SET	SCHLAGE, B60N 619, F51 GEO 619
2	SATIN NICKEL	KEYED ENTRY DOOR KNOB	SCHLAGE, F51 GEO 619
3	SATIN NICKEL	DOOR KNOB PRIVACY	SCHLAGE, F40 GEO 629
4	SATIN NICKEL	DOOR LEVER, PASSAGE	SCHLAGE, F10 ACC 619
5	SATIN NICKEL	DUMMY KNOB	SCHLAGE, F170 ORB 619



WINDOW SCHEDULE

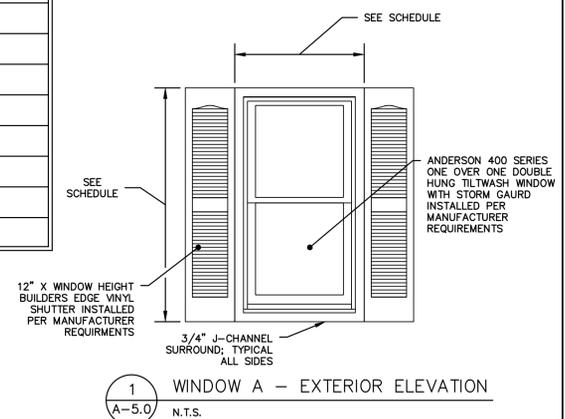
ABBREVIATIONS:  
 WD - WOOD  
 AL - ALUMINUM  
 VNL - VINYL

WINDOW NUMBER	ROOM NUMBER	WINDOW SIZES		TYPE**	WINDOW EXTERIOR		WINDOW INTERIOR		REMARKS
		WIDTH	HEIGHT		MATERIAL	COLOR	MATERIAL	COLOR	
W100	100	1'-6"	44"	B	AL	WHITE	AL	WHITE	
W101	101	2'-3"	44"	B	AL	WHITE	AL	WHITE	
W102	102	31-5/8"	60-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW
W103	103	31-5/8"	60-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW
W104	104	29-5/8"	44-7/8"	A	VNL	WHITE	WD	WHITE	
W105	105	31-5/8"	44-7/8"	A	VNL	WHITE	WD	WHITE	
W106	106	31-5/8"	60-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW
W107	107	31-5/8"	60-7/8"	A	VNL	WHITE	WD	WHITE	
W108	108	25-5/8"	40-7/8"	A	VNL	WHITE	WD	WHITE	
W109	109	31-5/8"	60-7/8"	A	VNL	WHITE	WD	WHITE	EGRESS WINDOW

NOTES  
 1. WINDOW U RATING TO BE MINIMUM .31  
 2. WINDOW DESIGN PRESSURE RATING MINIMUM 50  
 3. WINDOW INFORMATION BASED ON ANDERSON 400 SERIES WOOD INTERIOR WITH VINYL CLAD EXTERIOR.  
 4. INTERIOR WINDOW TRIM PROFILE WM 351 OR SIMILAR  
 \* SEE WINDOW TYPES TABLE.

WINDOW TYPES

A	ANDERSEN 400 SERIES DOUBLE HUNG TILT/WASH WINDOWS WITH STORM WATCH
B	HARVEY TRU-CHANNEL STORM WINDOW WITH LOW-E GLAZING



FINISH SCHEDULE

ABBREVIATIONS:  
 WD - WOOD  
 PLY - PLYWOOD  
 HDWD - HARDWOOD  
 PFHDWD - PREFINISHED HARDWOOD  
 CMB - CEMENT BOARD  
 CER - CERAMIC TILE  
 VCT - VINYL COMPOSITION TILE  
 VP - VINYL PLANK  
 CPT - CARPET  
 PBT - PINE BOARD TRIM  
 GWB - GYPSUM WALLBOARD  
 PTD - PAINTED  
 OS - OWNER-SELECTED  
 RIK - REPLACE IN KIND  
 N/A - NOT APPLICABLE

ROOM NAME	ROOM ID	FLOOR			BASE				WALL			CEILING			REMARKS
		SUBSTRATE	FINISH	COLOR	MATERIAL	PROFILE	FINISH	COLOR	MATERIAL	FINISH	COLOR	MATERIAL	FINISH	COLOR	
SUNROOM	101	PLY/CMB	CER/LMNT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	PROVIDE 5' BY ROOM WIDTH SECTION OF CERAMIC TILE FRONT DOOR
LIVINGROOM	102	PLY	LMNT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	CEILING - CROWN MOULDING WM57 OR SIMILAR
FRONT BEDROOM	103	PLY	LMNT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
FRONT BATHROOM	104	CMB	CER	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
KITCHEN	105	CMB	LMNT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
OFFICE	106	PLY	LMNT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
LAUNDRY/MEP ROOM	107	CMB	CER	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
REAR BATHROOM	108	CMB	CER	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	PROVIDE TILE WALL SURROUND ABOVE BATHTUB
REAR BEDROOM	109	PLY	LMNT	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	
HALL	110	CMB	CER	OS	PBT	WM622	PTD	WHITE	GWB	PTD	OS	GWB	PTD	OS	

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PROJECT 2503  
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 MILFORD, CONNECTICUT 06460

ISSUED FOR BIDDING  
 NOT FOR CONSTRUCTION

4	6/14/2016	ISSUED FOR BIDDING	MBR	MBR	REC
3	6/9/2016	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC
2	5/10/2016	ISSUED FOR PLANNING AND ZONING REVIEW	MBR	MBR	REC
1	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW	MBR	MBR	REC
NO.	DATE	REVISIONS	BY	CHK	APPV
DRAWN: KNL		CHECKED: MBR	APPROVED: REC	SCALE: N.T.S.	DATE: 3/23/2016

DETAILS AND SCHEDULES

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	A-5.0

**PILE LAYOUT & FOUNDATION PLAN**

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

**LEGEND:**

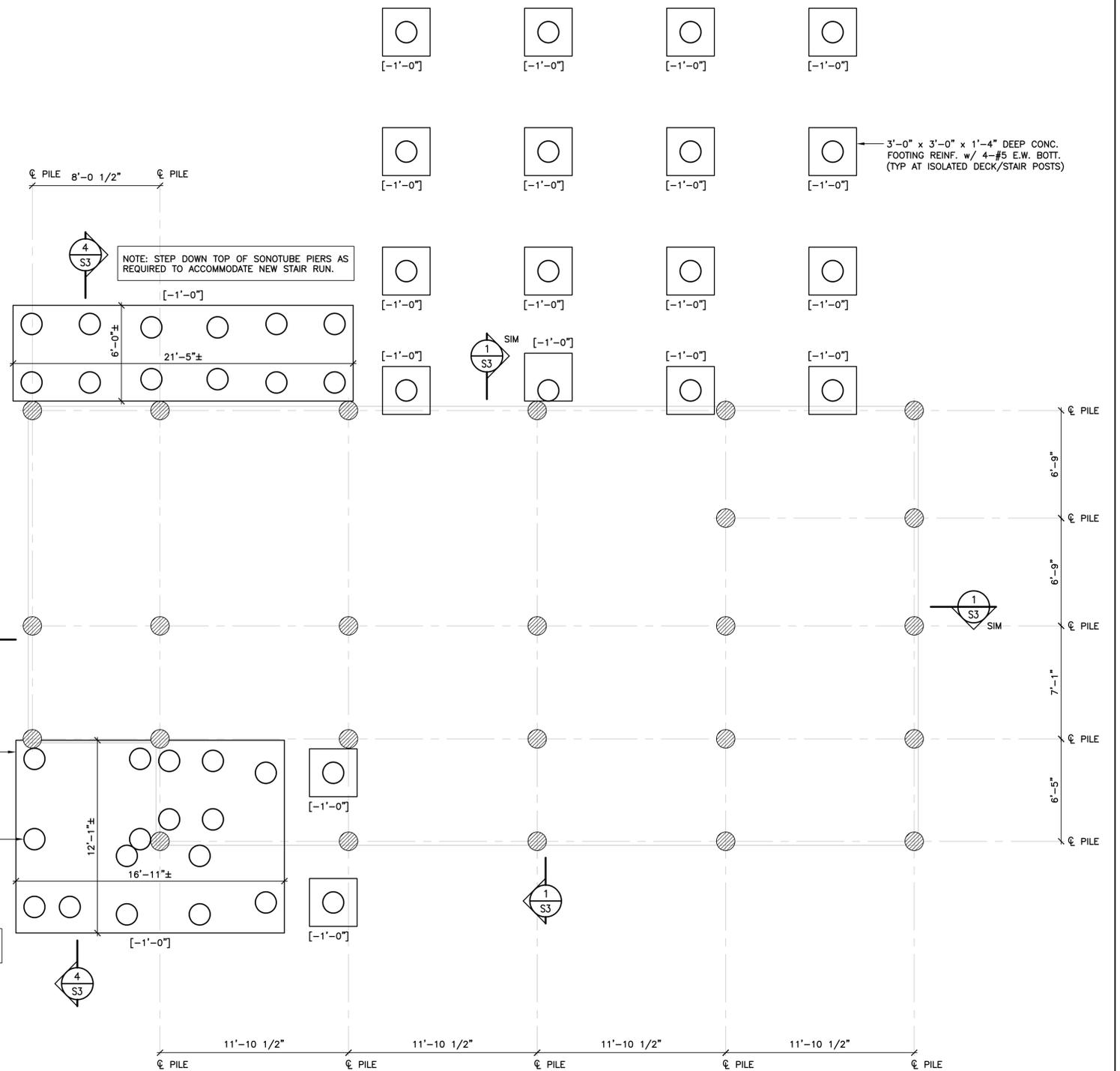
- [.....] EL. BOTTOM OF CONC. FOOTING
- ⊗ DENOTES 20 TON (40 KIP) CAPACITY ROUND TIMBER PILE w/ 14"ϕ BUTT & 9"ϕ TIP. FIELD VERIFY TIMBER PILE LOCATIONS.



1'-4" THICK CONCRETE MAT FOOTING REINF. w/ #5 @ 16" o.c. EA. WAY TOP & BOTTOM. PROVIDE 6" MINIMUM CLEARANCE BETWEEN PERIMETER OF SONOTUBE PIER AND EDGE OF MAT FOOTING ALL AROUND. (TYPICAL AT WOOD STAIR AND LANDING POST LOCATIONS)

16"ϕ CONC. FILLED SONOTUBE PIER REINF. w/ 4-#8 DOWELS w/ #3 CLOSED TIES @ 12" o.c. PROVIDE 3-#3 SEISMIC TIES IN TOP 4" OF PIER. SONOTUBE PIERS SHALL BE CENTERED BELOW WOOD DECK & STAIR POSTS. REFER TO FRAMING PLAN FOR WOOD POST LOCATIONS. TOP OF SONOTUBE PIER EL. 11'-0" UNLESS OTHERWISE NOTED. (TYPICAL)

NOTE: STEP DOWN TOP OF SONOTUBE PIERS AS REQUIRED TO ACCOMMODATE NEW STAIR RUN.



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NO.	DATE	REVISIONS	BY	CHK	APPV
4	6/14/2016	ISSUED FOR BIDDING	DEB	TAT	TAT
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1	4/12/2016	ISSUED FOR CITY OF MILFORD REVIEW	DEB	TAT	TAT

DRAWN BY: DEB CHECKED BY: TAT SCALE: AS NOTED DATE: 3/23/2016 THOMAS A. TORRENTI, P.E.

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**FOUNDATION DESIGN**  
**PILE LAYOUT & FOUNDATION PLAN**

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	21609 S1-S3.dwg	S1

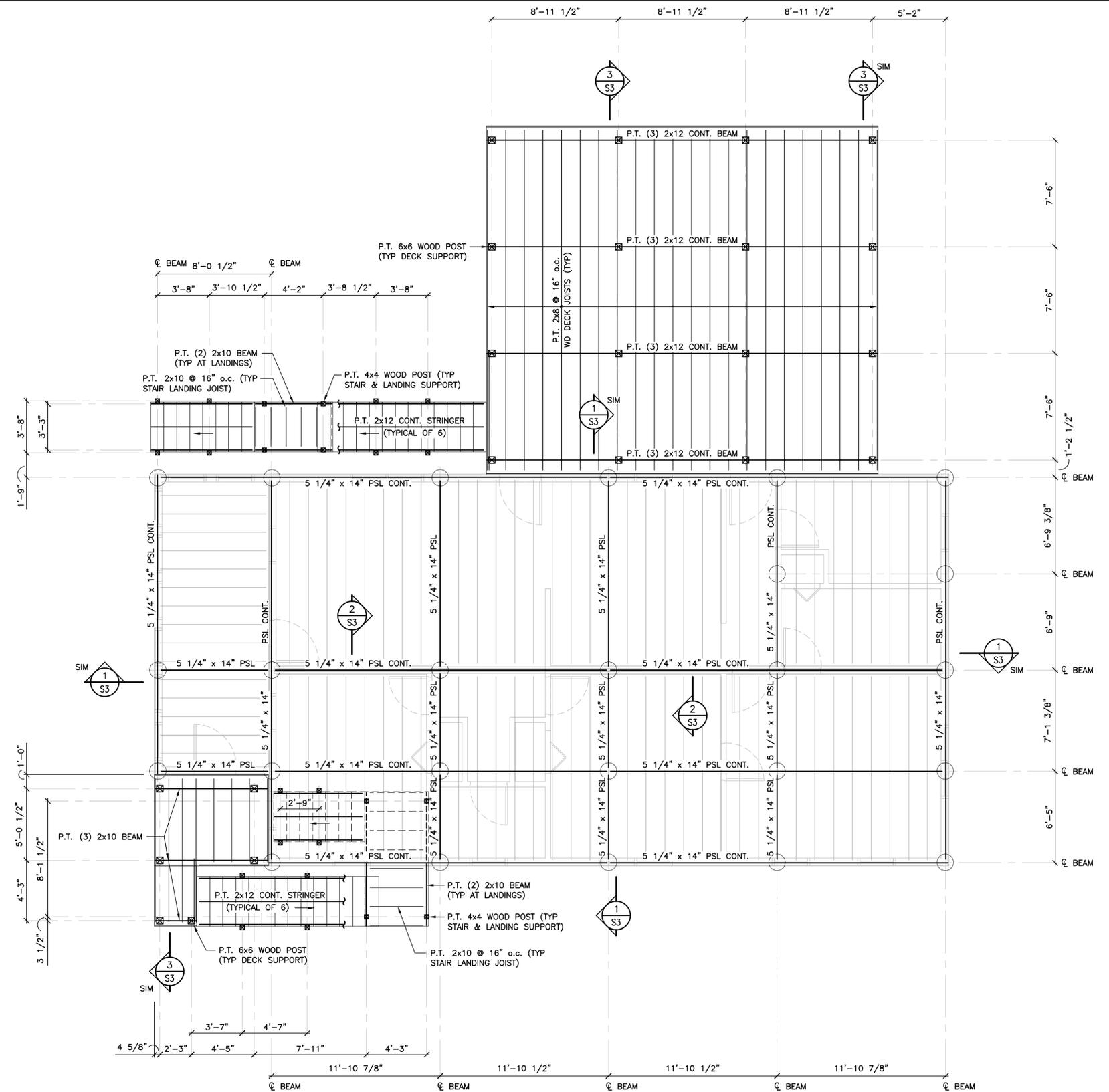
**FIRST FLOOR FRAMING SUPPORT PLAN**

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



**NOTES:**

1. FINISH FLOOR EL. 17'-0"±.
2. SETTING AND ANCHORAGE OF THE SUPERSTRUCTURE TO NEW TIMBER PILE FOUNDATION IS THE RESPONSIBILITY OF THE CONTRACTOR.
3. CONDITIONS SHOWN ARE BASED SOLELY ON AVAILABLE INFORMATION AND HAVE NOT BEEN INDEPENDENTLY VERIFIED TO BE COMPLETELY ACCURATE.
4. REFER TO DRAWING S3 FOR ADDITIONAL CONSTRUCTION ITEMS & REQUIREMENTS NOT SHOWN FOR CLARITY ON FRAMING PLAN THIS DWG.



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**FOUNDATION DESIGN**  
**FIRST FLOOR FRAMING SUPPORT PLAN**

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	21609 S1-S3.dwg	S2

**DESIGN BASIS**

GOVERNING CODE .....2005 STATE BUILDING CODE + 2009 & 2013 CONNECTICUT AMENDMENTS

**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 JUNE 16, 2015 FOR SUBSURFACE PREPARATION & RELATED REQ'MENTS.  
 THE WOOD FRAMED SUPERSTRUCTURE SHALL BE LIFTED AND SUPPORTED BY A NEW PRESSURE TREATED CLASS A ROUND TIMBER PILE FOUNDATION SYSTEM MANUFACTURED IN ACCORDANCE WITH ASTM D25.

**TIMBER PILES**

ALL ROUND TIMBER PILES SHALL DEVELOP A MINIMUM ALLOWABLE LOAD CARRYING CAPACITY OF 20 TONS (40 KIPS) UNLESS OTHERWISE NOTED.  
 THE PROPOSED TIMBER PILES SHALL BE TAPERED WITH A MINIMUM BUTT DIAMETER OF 14" AND TIP DIAMETER OF 9" AND BE INSTALLED TO A DEPTH TO MEET THE LOADING REQUIREMENTS LISTED ABOVE.  
 DESIGN, INSTALLATION AND TESTING REQUIREMENTS OF THE NEW TIMBER PILE FOUNDATION SYSTEM SHALL BE PROVIDED BY A GEOTECHNICAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT.

**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.

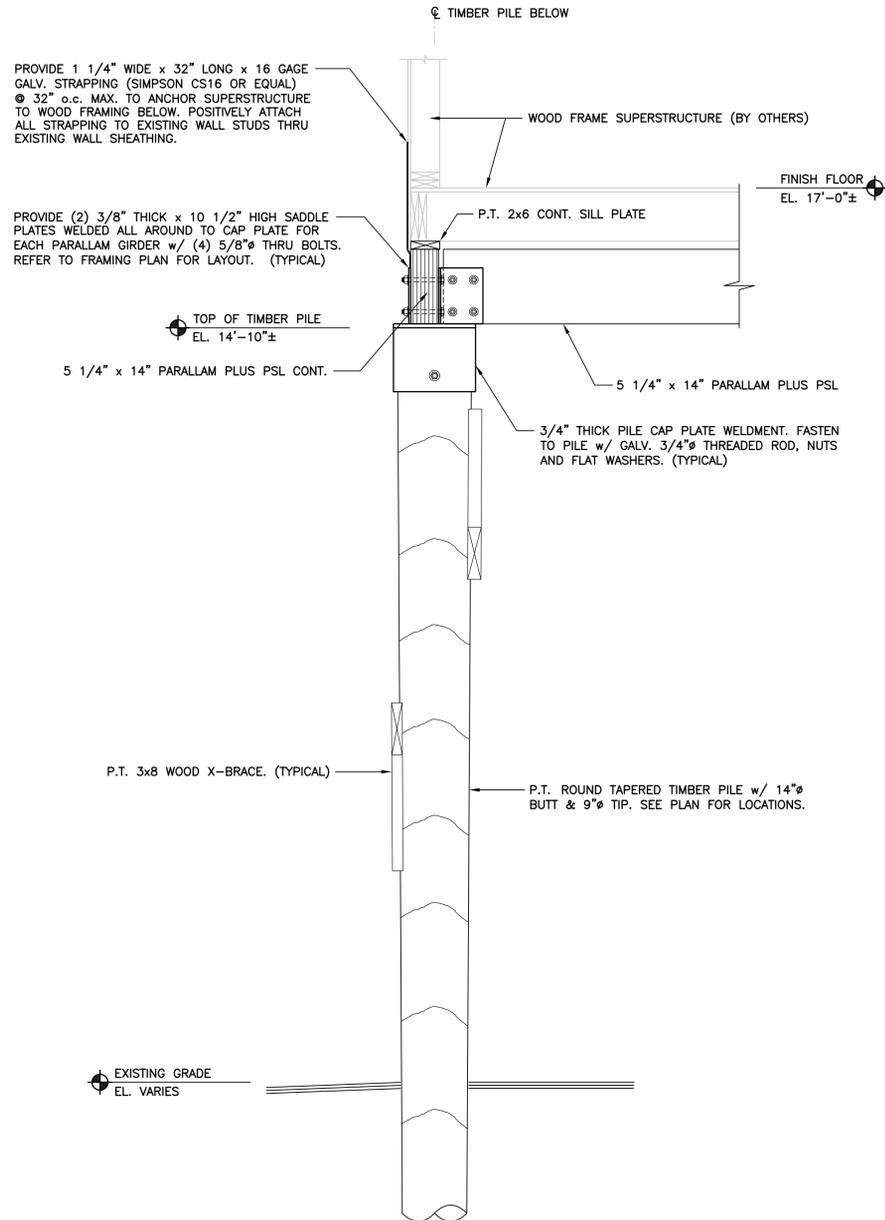
**STRUCTURAL LUMBER**

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.

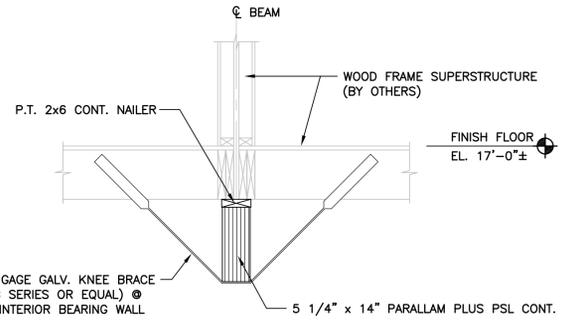
PLYWOOD WALL SHEATHING SHALL BE NOMINAL 5/8" THICK SQUARE EDGE EXTERIOR GRADE CDX AND CONTAIN (4) INNER PLIES.  
 PLYWOOD ROOF SHEATHING SHALL BE NOMINAL 3/4" THICK SQUARE EDGE EXTERIOR GRADE.

**ENGINEERED WOOD PRODUCTS**

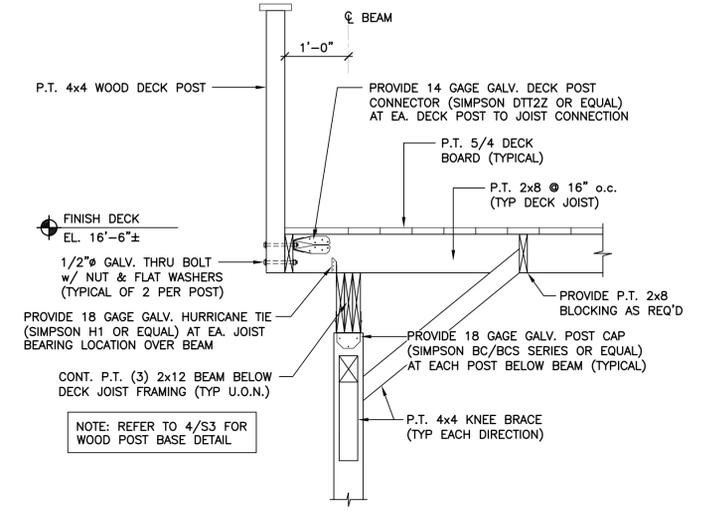
ELEMENTS, FOLLOWING ERECTION, JOISTS SHALL BE SHEATHED AND PROTECTED TO MAINTAIN STRESS-GRADED MOISTURE CONTENT NOT TO EXCEED 19%.  
 PARALLAM PLUS PSL WOLMANIZED MEMBERS USED FOR BEAMS AND HEADERS SHALL HAVE THE FOLLOWING MINIMUM ALLOWABLE UNIT STRESSES:  
 EXTREME FIBER IN BENDING..... $F_b = 1,827$  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



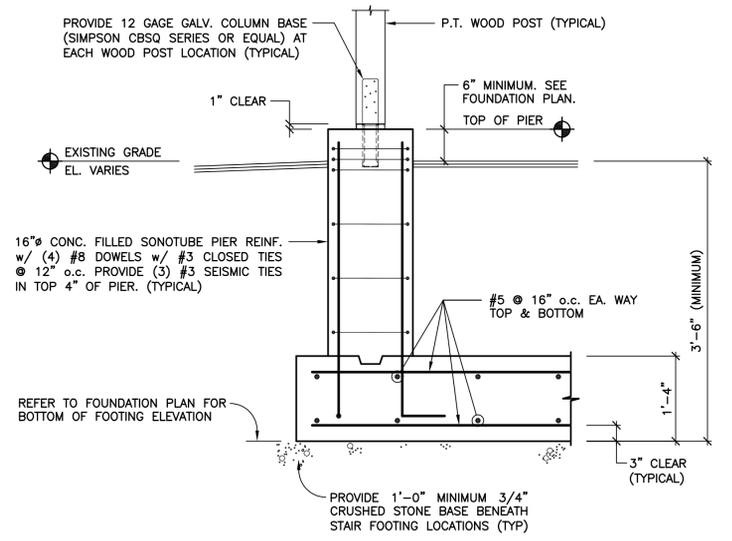
SECTION 1  
 SCALE: 3/4" = 1'-0"



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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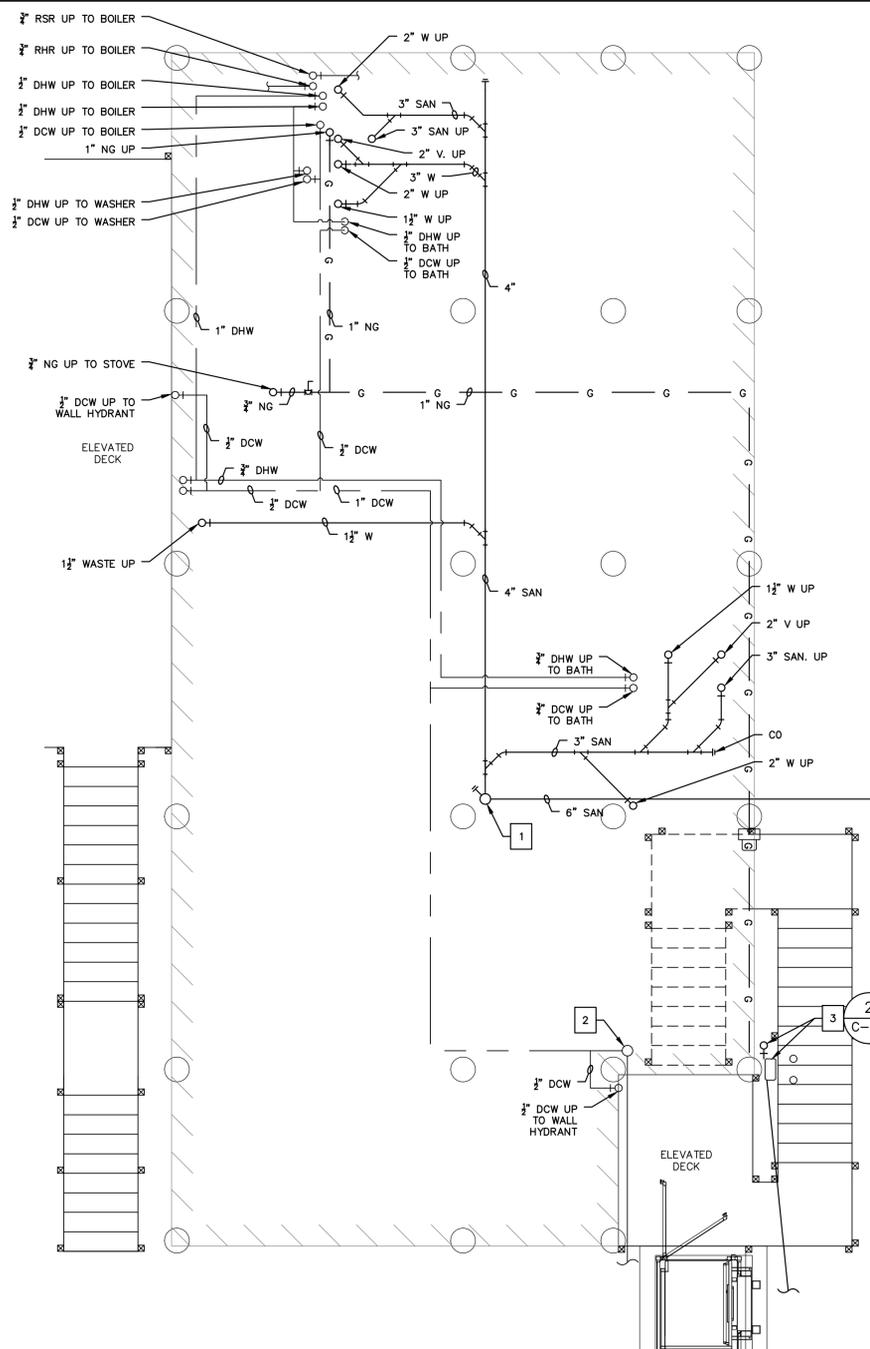
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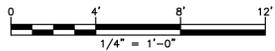
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FOUNDATION DESIGN  
 STRUCTURAL NOTES & SECTIONS

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	21609 S1-S3.dwg	S3

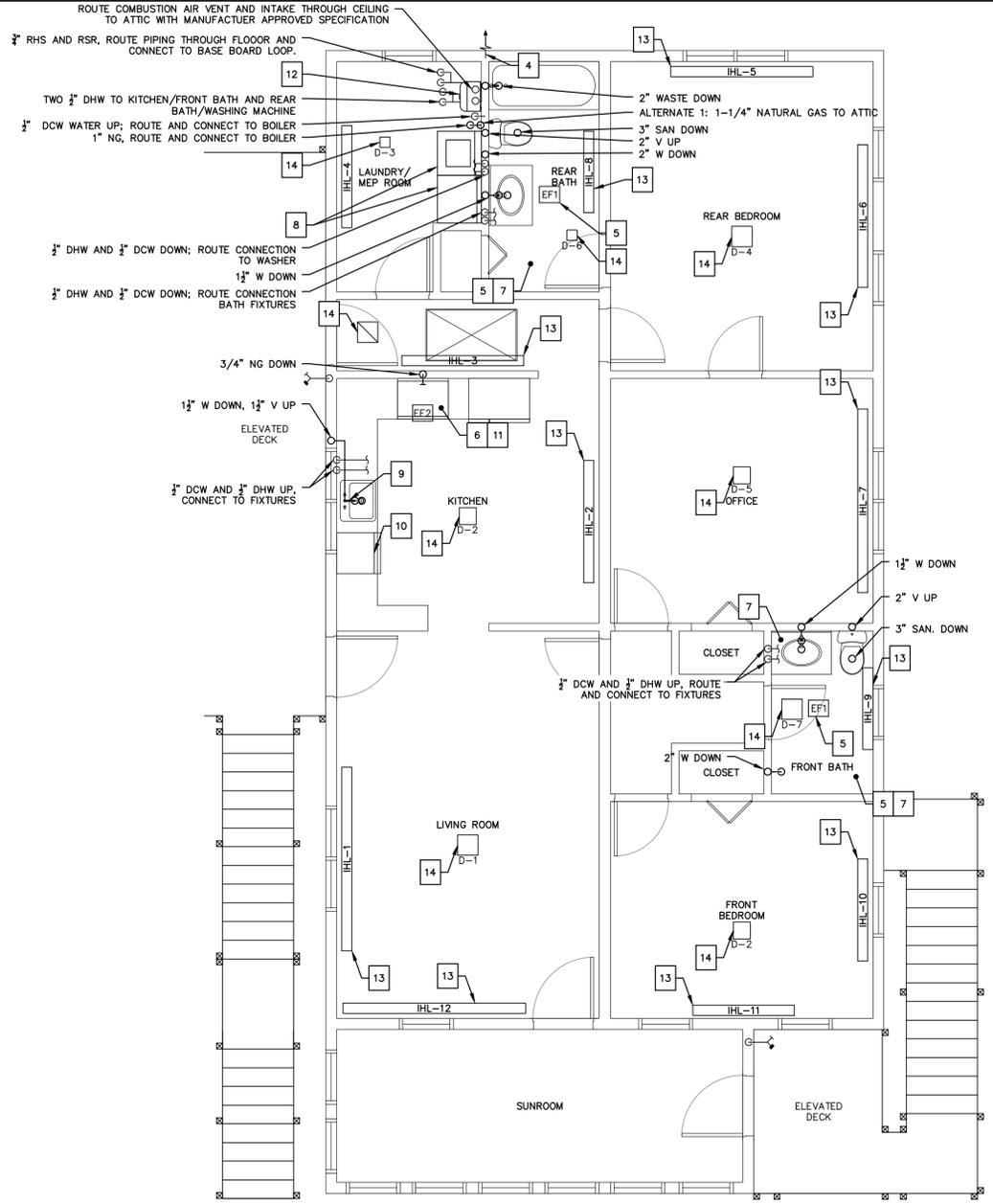


**GRADE LEVEL**

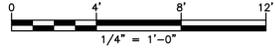


LEGEND			
○+	PIPE ELBOW UP	⊕	WALL HYDRANT
○-	PIPE ELBOW DOWN		PIPE FLANGE
— —	CLEAN OUT		PIPE UNION
⊕	CHECK VALVE	⊕	PUMP
⊕	PLUG VALVE	⊕	MOTORIZED VALVE
⊕	GATE VALVE	⊕	FIN TUBE RADIATOR WITH COVER
⊕	BALL VALVE	⊕	REGISTER
⊕	PRESSURE REGULATING VALVE	⊕	EXHAUST FAN
⊕	PRESSURE RELIEF VALVE	⊕	DIFFUSER

ABBREVIATION	ABBREVIATION
CO	CLEAN OUT
DCW	DOMESTIC COLD WATER
DHW	DOMESTIC HOT WATER
NG	NATURAL GAS
RHR	RADIANT HEATING RETURN
RHS	RADIANT HEATING SUPPLY
SAN	SANITARY DRAIN
V	VENT
VTR	VENT TO ROOF
W	WASTE DRAIN



**FIRST FLOOR**



**GENERAL NOTES**

- 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.
- ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
- ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
- 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.
- 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.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
- ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.

**MECHANICAL/PLUMBING NOTES**

- MECHANICAL AND PLUMBING PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING MECHANICAL/PLUMBING SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
- INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2013 STATE OF CONNECTICUT BUILDING CODE AMENDMENT AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
- MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
- ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
- METAL DUCTING SHALL BE FABRICATED AND INSTALLED PER SMACNA STANDARDS WITH GALVANIZED METALS, 26 GAUGE MINIMUM. MECHANICAL CONTRACTOR SHALL MAKE REQUIRED DUCT MODIFICATIONS TO ACCOMMODATE FIELD CONDITIONS.
- RIGID ROUND OR RECTANGULAR DUCTING SHALL BE INSULATED WITH FIBERGLASS BLANKET INSULATION WITH FSK JACKET. JOINTS TO BE SEALED WITH 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
- FLEXIBLE DUCTING SHALL BE FACTORY INSULATED WITH METAL VAPOR BARRIER; CONNECTIONS TO BE SEALED WITH MANUFACTURER APPROVED BANDING AND 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
- GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE FITTINGS.
- PIPING SHALL BE SUPPORTED AND FASTENED WITH APPROPRIATE HANGERS, TIES, OR STRAPS; PIPING SHALL BE INSTALLED FREE OF SAGS AND DROOPS.
- PROVIDE ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS AND THERMOSTATIC MIXING VALVES AT ALL SHOWER FAUCETS.
- ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE UNLESS OTHERWISE NOTED.
- MAKE PROPER HOT AND COLD WATER, RADIANT HEATING SUPPLY AND RETURN, WASTE VENT, DRAIN, GAS, AND OTHER PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT.
- EQUIPMENT SHALL BE INSTALLED TO FACILITATE SERVICING AND COMPLY WITH MANUFACTURER WRITTEN INSTRUCTIONS.
- CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE OPERATION AND MAINTENANCE DOCUMENTS AND TRAIN OWNER ON OPERATION OF SYSTEM.

**MECHANICAL/PLUMBING KEYNOTES**

- 6" SANITARY DRAIN PIPING WITH CLEANOUT 24" ABOVE FINISHED GRADE; CONNECT TO EXISTING LATERAL. EXACT LOCATION OF EXISTING SANITARY LATERAL UNKNOWN CONTRACTOR TO VERIFY LOCATION IN FIELD.
- 1" DOMESTIC WATER PIPING SUPPORTED ON TIMBER PILE IN ENCLOSURE; CONNECT TO EXISTING DOMESTIC WATER SERVICE LATERAL. EXACT LOCATION OF EXISTING DOMESTIC WATER SERVICE LATERAL UNKNOWN CONTRACTOR TO VERIFY LOCATION IN FIELD.
- 1" NATURAL GAS PIPING SUPPORTED ON TIMBER PILE IN ENCLOSURE; CONNECT TO EXISTING NATURAL GAS SERVICE LATERAL. EXACT LOCATION OF EXISTING NATURAL GAS SERVICE LATERAL UNKNOWN CONTRACTOR TO VERIFY LOCATION IN FIELD.
- PROVIDE ALL MATERIALS TO ROUTE 4" FLEXIBLE DRYER DUCT TO 4" DRYER WALL VENT IN SIDE WALL; CONNECT TO DRYERBOX IN MEP/LAUNDRY ROOM. ALL PRODUCTS BY IN-VATE TECHNOLOGIES, LLC OR APPROVED EQUAL. FLASH AND SEAL EXTERIOR PENETRATION.
- PROVIDE ALL MATERIALS TO ROUTE CONNECTION FOR BATHROOM EXHAUST FANS TO EXTERIOR. FLASH AND SEAL EXTERIOR PENETRATIONS.
- PROVIDE ALL MATERIALS TO ROUTE CONNECTION FOR KITCHEN VENT HOOD TO EXTERIOR.
- PROVIDE ALL MATERIALS FOR CONNECTION OF BATHROOM FAUCETS, WATER CLOSETS, AND TUB FAUCET SUPPLY AND DRAIN PIPING.
- PROVIDE ALL MATERIALS FOR CONNECTION OF CLOTHES WASHER AND DRYER.
- PROVIDE ALL MATERIALS FOR CONNECTION OF KITCHEN FAUCET SUPPLY AND DRAIN PIPING. PROVIDE FOR CONNECTION OF DISPOSAL TO BE SUPPLIED BY OWNER; CONTRACTOR TO INSTALL.
- PROVIDE FOR CONNECTION OF DISHWASHER SUPPLY AND DRAIN PIPING; DISHWASHER TO BE PROVIDED BY OWNER, CONTRACTOR TO INSTALL.
- PROVIDE 3/4" NATURAL GAS CONNECTION FOR RANGE; RANGE TO BE SUPPLIED BY OWNER, CONTRACTOR TO INSTALL.
- PROVIDE COMBINATION BOILER NAVEN NCB-240 OR EQUAL WITH CONTROLS, APPURTENANCES AND ALL TRIM. SEE BOILER PIPING SCHEMATIC. BALANCE AND COMMISSION SYSTEM. PROVIDE ALL MATERIALS FOR COMPLETE SYSTEM; ALTERNATE 1 - REPLACE NCB-240A WITH NAVEN NPE-180 OR APPROVED EQUAL.
- PROVIDE SLANT FIN FIN TUBE BASEBOARD HEATER AND COVER; CONNECT ROUTE PIPING BENEATH FLOOR. SEE SCHEDULE FOR LENGTHS. PROVIDE ALL MATERIALS FOR COMPLETE SYSTEM.
- ALTERNATE 1: PROVIDE DIFFUSERS AND REGISTER FOR FORCED AIR HEATING SYSTEM; CONNECT TO DUCTING IN ATTIC LEVEL. SEE SCHEDULE FOR DIFFUSER AND REGISTER SIZE. PROVIDE ALL MATERIALS FOR COMPLETE SYSTEM.

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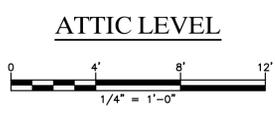
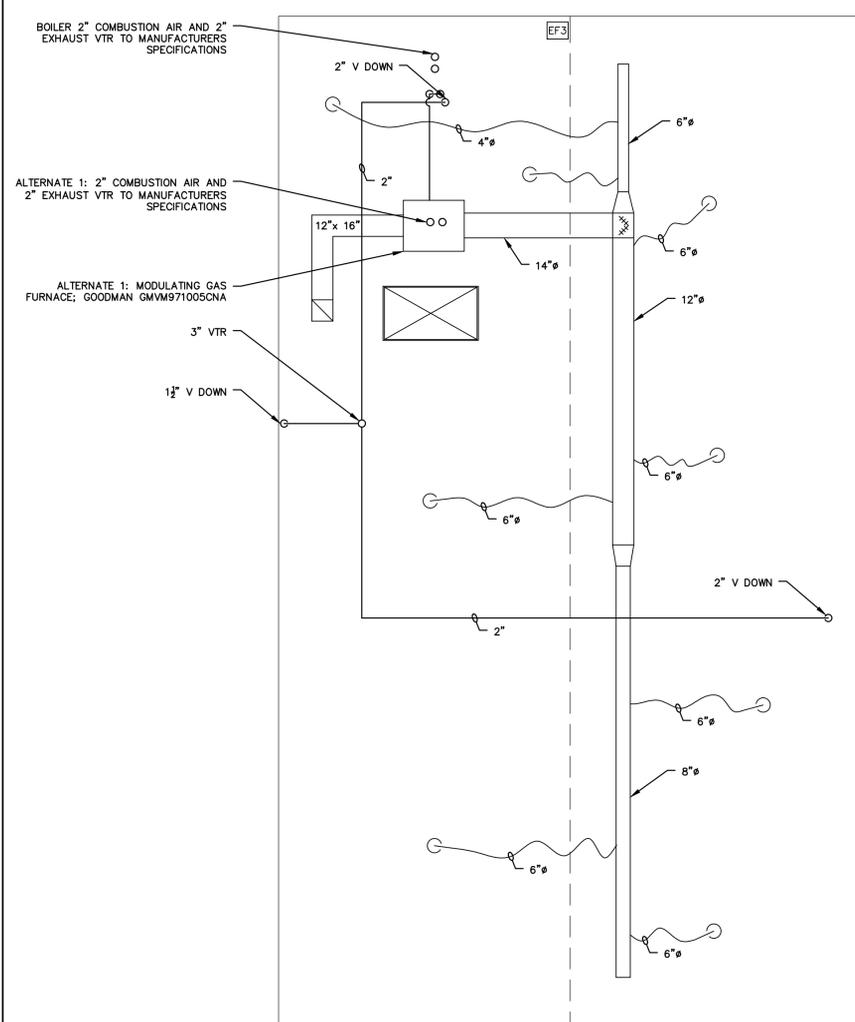
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NO.	DATE	REVISIONS	BY	CHK	APPY
2	6/14/2016	ISSUED FOR BIDDING		MBR	MBR APPY2
1	6/9/2016	ISSUED FOR CT DOH REVIEW AND APPROVAL		MBR	MBR REC

DRAWN: MBR    CHECKED: MBR    APPROVED: REC    SCALE: 1/4" = 1'    DATE: 5/13/2016

**MECHANICAL AND PLUMBING PLANS - 1**

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	MP-1.0



HYDRONIC BOILER SCHEDULE																	
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FUEL TYPE	INPUT LOAD (BTU/H)	OUTPUT LOAD (BTU/H)	FLUID		ELECTRICAL		PHYSICAL			NOTES			
							FLOW RATE (GPM)	RETURN SUPPLY TEMP (°F)	WORKING FLUID	HEAD LOSS (FT)	MOTOR QUAN	MOTOR SIZE (HP)	MOTOR VOLT/PH/Hz		CONTROL CIRCUIT VOLT/PH/Hz	STACK DIAMETER (IN)	LENGTH HEIGHT (IN)
B-1	Navien NCB-240C	UTILITY ROOM	COPPER TUBE FORCED	NAT GAS	38600	30800	3.2	150/180	WATER	10	1	1/8	120V/1P/60HZ	24V	3	17"X28"X12"	1,2,3

IMPOSED LOAD SCHEDULE											
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	USAGE	LOAD (BTU/H)	FLUID		ELECTRICAL		PHYSICAL		NOTES
					FLOW RATE (GPM)	ENTERING/LEAVING TEMP (°F)	WORKING FLUID	HEAD LOSS (FT)	LENGTH HEIGHT (IN)		
HL-1	SLANT FIN FINELINE 30	LIVINGROOM	HEATING	4000	3.2	167.1/164.5	WATER	0.3	108/2 688/7 875		
HL-2	SLANT FIN FINELINE 30	KITCHEN	HEATING	2400	3.2	164.5/162.9	WATER	0.2	72/2 688/7 875		
HL-3	SLANT FIN FINELINE 30	KITCHEN	HEATING	2400	3.2	162.9/161.3	WATER	0.2	72/2 688/7 875		
HL-4	SLANT FIN FINELINE 30	REAR BEDROOM	HEATING	2000	3.2	161.3/160	WATER	0.2	60/2 688/7 875		
HL-5	SLANT FIN FINELINE 30	REAR BEDROOM	HEATING	3000	3.2	179.1/177.2	WATER	0.2	84/2 688/7 875		
HL-6	SLANT FIN FINELINE 30	REAR BEDROOM	HEATING	3000	3.2	177.2/175.2	WATER	0.2	84/2 688/7 875		
HL-7	SLANT FIN FINELINE 30	OFFICE	HEATING	3500	3.2	175.2/172.9	WATER	0.2	99/2 688/7 875		
HL-8	SLANT FIN FINELINE 30	REAR BATH	HEATING	1300	3.2	180/179.1	WATER	0.1	48/2 688/7 875		
HL-9	SLANT FIN FINELINE 30	FRONT BATH	HEATING	1400	3.2	172.9/172	WATER	0.1	48/2 688/7 875		
HL-10	SLANT FIN FINELINE 30	FRONT BEDROOM	HEATING	1800	3.2	172/170.8	WATER	0.2	60/2 688/7 875		
HL-11	SLANT FIN FINELINE 30	FRONT BEDROOM	HEATING	1800	3.2	170.8/169.6	WATER	0.2	60/2 688/7 875		
HL-12	SLANT FIN FINELINE 30	LIVINGROOM	HEATING	4000	3.2	169.6/167.1	WATER	0.3	108/2 688/7 875		

PUMP SCHEDULE													
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	PUMP			ELECTRICAL				NOTES		
				FLOW RATE (GPM)	WORKING FLUID	HEAD LOSS (FT)	EFFICIENCY (%)	MOTOR SIZE (HP)	MOTOR BHP (HP)	MOTOR SPEED (RPM)		VOLT/PH/Hz	
P-1		UTILITY ROOM	CIRCULATOR	3.2	WATER	21.9	70	IRON					1

EXPANSION TANK SCHEDULE												
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FLUID				PHYSICAL			NOTES	
				WORKING FLUID	MIN TANK VOLUME (GAL)	MINIMUM PRESSURE (PSIG)	MAXIMUM PRESSURE (PSIG)	RELIEF VALVE PRESSURE (PSIG)	TANK SIZE (GAL)	DIAMETER (IN)		NPT FITTING (IN)
ET-1	AMTROL EXTROL #30	UTILITY ROOM	DIAPHRAGM PIPE	WATER	2.9/1	12.7	27	30			1	

CONDENSATE NEUTRALIZER SCHEDULE										
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	QTY	TYPE	CONDENSATE DEVICE			PHYSICAL		NOTES
					INPUT LOAD (BTU/H)	EFFICIENCY (%)	LENGTH HEIGHT (IN)	NPT FITTING (IN)		
CN-1	NAVIER	UTILITY ROOM	1	CAPSULE	38600	80				

AIR SEPARATOR SCHEDULE										
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FLUID			PHYSICAL		NOTES	
				FLOW RATE (GPM)	WORKING FLUID	HEAD LOSS (FT)	DIAMETER (IN)	HEIGHT (IN)		
AS-1	TACO 431	UTILITY ROOM	AIR SCOOP	3.2	WATER	0.5				

AIR VENT SCHEDULE										
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	LENGTH		NOTES				
				WIDTH (IN)	NPT FITTING (IN)					
AV-1	TACO 417	UTILITY ROOM	AUTOMATIC DISC	0.55/0.55/1	0.125					

FURNACE SCHEDULE - ADD ALTERNATE 1 ONLY															
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	FUEL TYPE	INPUT LOAD (BTU/H)	OUTPUT LOAD (BTU/H)	FLUID		ELECTRICAL		PHYSICAL			NOTES	
							FLOW RATE (CFM)	RETURN TEMP (°F)	WORKING FLUID	MOTOR QUAN	MOTOR SIZE (AMPS)	MOTOR VOLT/PH/Hz	CONTROL CIRCUIT VOLT/PH/Hz		VENT & EXHAUST DIAMETER (IN)
F-1	Goodman GVM1570403BNBB	ATTIC	CONDENSING, DIRECT VENT	NAT GAS	40000	38400	1200	40	AIR	1	7.8 A	120/1/60	INC	2	34 1/2/28 7/8/17 1/2

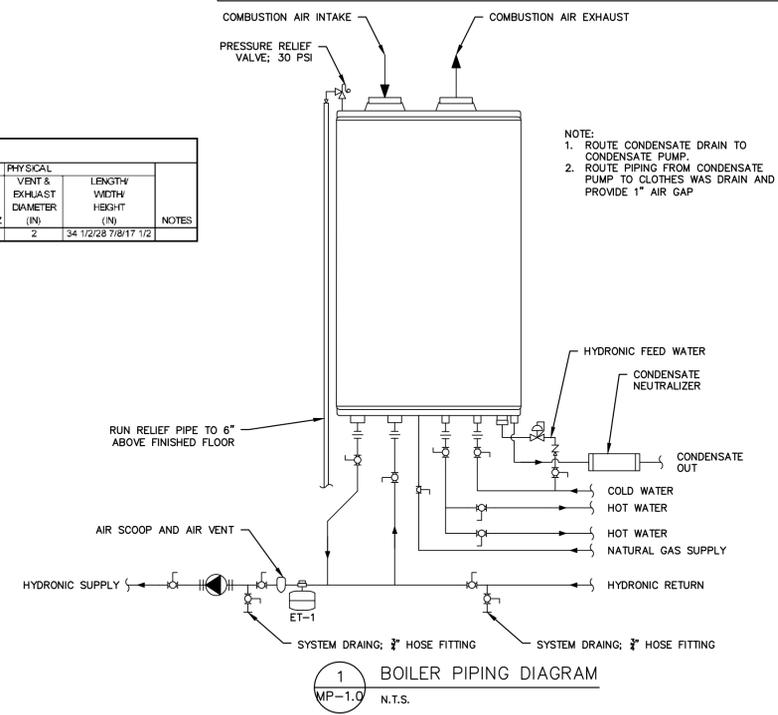
DIFFUSER SCHEDULE (ADD ALTERNATE 1 ONLY)						
ID	MANUFACTURER AND MODEL NUMBER	LOCATION	USAGE	LOAD (BTU/H)	FLOW RATE (CFM)	TYPE
D-1	Hart & Cooley A504MS 12X12	LIVINGROOM	HEATING	8740	270	4-WAY
D-2	Hart & Cooley A504MS 10X10	KITCHEN	HEATING	5240	170	4-WAY
D-3	Hart & Cooley A502MS 6X6	LAUNDRY/MEP	HEATING	2300	80	2-WAY
D-4	Hart & Cooley A504MS 12X12	REAR BEDROOM	HEATING	6560	220	4-WAY
D-5	Hart & Cooley A504MS 10X10	OFFICE	HEATING	3830	120	4-WAY
D-6	Hart & Cooley A503MS 6X6	REAR BATH	HEATING	1420	60	3-WAY
D-7	Hart & Cooley A503MS 12X12	FRONT BATH	HEATING	1530	60	3-WAY
D-8	Hart & Cooley A504MS 10X10	FRONT BEDROOM	HEATING	3940	140	4-WAY

**GENERAL NOTES**

- 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.
  - ALL REQUIRED PERMITS ARE TO BE OBTAINED BY THE CONTRACTOR AT HIS EXPENSE.
  - ALL DIMENSIONS ARE TO THE OUTSIDE FACE OF THE NOTED ITEM.
  - 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.
  - 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.
  - THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL ACTIVITY ON THE SUBJECT PROPERTY.
  - ELEVATIONS SHOWN ON THE DRAWING REFERENCE VERTICAL DATUM NAVD88.
- MECHANICAL AND PLUMBING PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING MECHANICAL/PLUMBING SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
  - INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
  - ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2013 STATE OF CONNECTICUT BUILDING CODE AMENDMENT AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
  - MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
  - ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
  - METAL DUCTING SHALL BE FABRICATED AND INSTALLED PER SMACNA STANDARDS WITH GALVANIZED METAL, 26 GAUGE MINIMUM. MECHANICAL CONTRACTOR SHALL MAKE REQUIRED DUCT MODIFICATIONS TO ACCOMMODATE FIELD CONDITIONS.
  - RIGID ROUND OR RECTANGULAR DUCTING SHALL BE INSULATED WITH FIBERGLASS BLANKET INSULATION WITH FSK JACKET. JOINTS TO BE SEALED WITH 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
  - FLEXIBLE DUCTING SHALL BE FACTORY INSULATED WITH METAL VAPOR BARRIER; CONNECTIONS TO BE SECURED WITH MANUFACTURER APPROVED BANDING AND 3 INCH WIDE UL LISTED METALIZED DUCT TAPE.
  - GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL WITH MALLEABLE FITTINGS.
  - PIPING SHALL BE SUPPORTED AND FASTENED WITH APPROPRIATE HANGERS, TIES, OR STRAPS; PIPING SHALL BE INSTALLED FREE OF SAGS AND DROOPS.
  - PROVIDE ALL PLUMBING FIXTURES WITH ACCESSIBLE STOPS AND THERMOSTATIC MIXING VALVES AT ALL SHOWER FAUCETS.
  - ALL CLEANOUTS SHALL BE FULL SIZE OF PIPE UNLESS OTHERWISE NOTED.
  - MAKE PROPER HOT AND COLD WATER, RADIANT HEATING SUPPLY AND RETURN, WASTE VENT, DRAIN, GAS, AND OTHER PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT.
  - EQUIPMENT SHALL BE INSTALLED TO FACILITATE SERVICING AND COMPLY WITH MANUFACTURER WRITTEN INSTRUCTIONS.
  - CONTRACTOR SHALL PROVIDE THE OWNER WITH COMPLETE OPERATION AND MAINTENANCE DOCUMENTS AND TRAIN OWNER ON OPERATION OF SYSTEM.

**MECHANICAL/PLUMBING KEYNOTES**

- 1 FURNISH AND INSTALL ATTIC VENT FAN
- 2 ALTERNATE 1 - FURNISH AND INSTALL ALL MATERIALS AND EQUIPMENT FOR FORCED AIR HEATING IN ATTIC LEVEL



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1	6/9/2016	ISSUED FOR CT DOH REVIEW AND APPROVAL	MBR	MBR	REC

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**MECHANICAL AND PLUMBING PLANS - 2**

JOB NO.	DRAWING NUMBER	SHEET
33-262-2503	BASEMAP 33-262-2503.dwg	MP-1.1

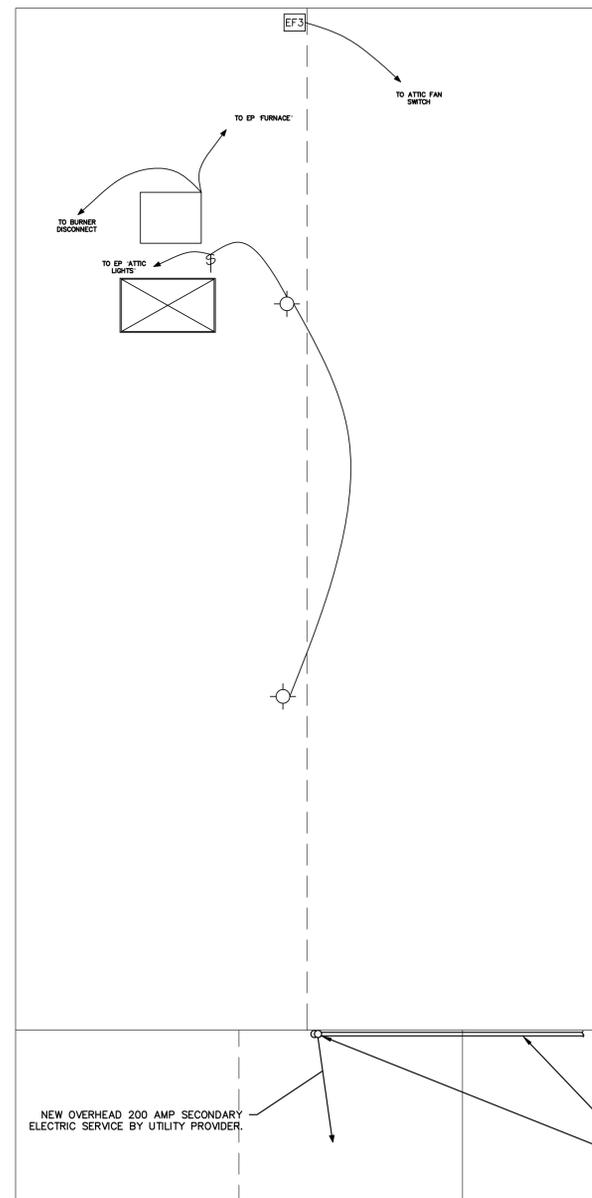


### GENERAL NOTES

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.

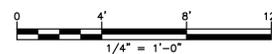
### ELECTRICAL GENERAL NOTES

1. ELECTRICAL PLANS ARE INTENDED PROVIDE INFORMATION FOR A COMPLETE FUNCTIONING ELECTRICAL SYSTEM. CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR, AND EQUIPMENT REQUIRED FOR INTENDED INSTALLATION TO PRODUCE A QUALITY END PRODUCT MEETING OR EXCEEDING INDUSTRY STANDARDS.
2. INSTALLATION OF ALL EQUIPMENT COMPLY WITH MANUFACTURER REQUIREMENTS. CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED CONTROL WIRING REQUIRED BY MANUFACTURER.
3. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2013 STATE OF CONNECTICUT BUILDING CODE AMENDMENT, 2011 NATIONAL ELECTRIC CODE, AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
4. NEW CIRCUITS SHALL BE WIRED WITH TYPE NMC CABLE UNLESS OTHERWISE NOTED OR REQUIRED BY CODE OR AUTHORITIES HAVING JURISDICTION.
5. PROVIDE SEPARATE GROUND WIRE AND NEUTRAL WIRE FOR EACH CIRCUIT.
6. MATERIALS AND EQUIPMENT TO BE INSTALLED PER MANUFACTURER REQUIREMENTS WHERE CODE REQUIREMENTS ARE NOT SPECIFIED.
7. ALL MATERIALS SHALL BE UL LISTED AND LABELED FOR THE INTENDED APPLICATION.
8. ROUTING SHOWN ON PLANS IS SCHEMATIC IN NATURE. ACTUAL ROUTING WILL BE COORDINATED IN FIELD BY CONTRACTOR TO ACCOMMODATE EXISTING CONDITIONS.
9. RECEPTACLES SHALL BE 20 AMP, 120 VOLT UNLESS OTHERWISE INDICATED.
10. WALL SWITCHES SHALL BE SINGLE POLE 20 AMP 120 VOLT UNLESS OTHERWISE INDICATED.



FURNISH AND INSTALL NEW OVERHEAD SERVICE MASTHEAD AND GALVANIZED STEEL CONDUIT TO METER SOCKET, PER LOCAL UTILITY PROVIDER REQUIREMENTS.

#### ATTIC LEVEL



ELECTRICAL LEGEND			
(A)	LITHONIA SERIES VR2	(MD)	MOTION DETECTOR
(B)	LITHONIA MODEL 11534 BN M2 FERROS 4-LIGHT BRUSHED NICKEL VANITY FIXTURE	(CO)	COMBINATION HARD WIRED SMOKE AND CARBON MONOXIDE DETECTOR
(C)	LITHONIA LBL4 WHITE LED CEILING MOUNT	(DP)	DUPLEX RECEPTACLE
(D)	LITHONIA MODEL FMCL13ACRDM6	(240V)	240 VOLT DUPLEX RECEPTACLE
(E)	LITHONIA OLAW2353K120PEBZ OUTDOOR WALL MOUNT LED LIGHT	(GFI)	GFCI DUPLEX RECEPTACLE
(F)	LITHONIA MODEL FMML7840	(S)	SWITCHED RECEPTACLE
(G)	HUNTER 52" NEWSOME COLLECTION MODEL 53315 BRUSHED NICKEL FINISH HALO MODEL H27ICAT WITH HALO MODEL 310W BAFFLE AND TRIM RING	(SW)	SWITCHED RECEPTACLE
(J)	JUNCTION BOX	(3)	SWITCH, THREE WAY
(EF1)	BROAN MODEL 678 50 CFM SONES 2.5	(4)	SWITCH, FOUR WAY
(EF2)	BROAN QDE 30" MODEL QDE30SS	(WP)	SWITCH, WATERPROOF
(EF3)	BROAN MODEL 35316 WITH AUTOMATIC SHUTTER FOR GABLE MOUNT	(DM)	SWITCH, DIMMER

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### ELECTRICAL PLANS - 2

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