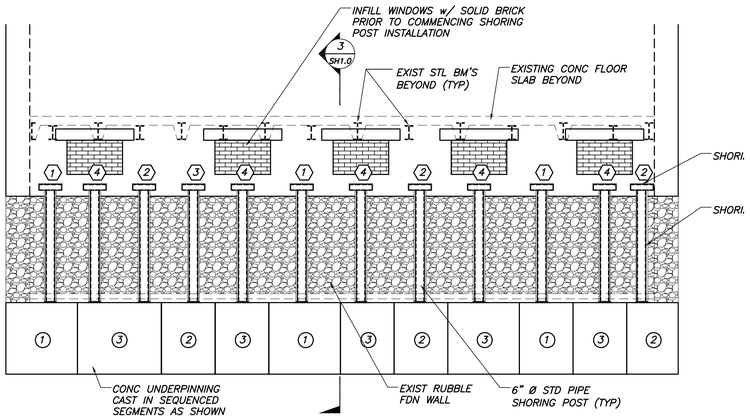


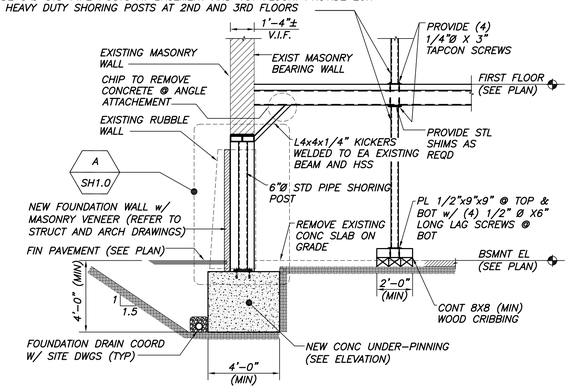
SECTION
1/4"=1'-0"

2
SH1.0

NOTES:

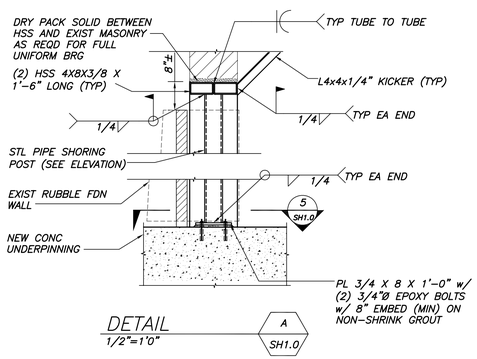
1. (1) INDICATES SEQUENCE ORDER OF CONC UNDERPIINNING INSTALLATION.
2. (1) INDICATES SEQUENCE ORDER OF SHORING POST INSTALLATION. CONC UNDERPINNING SHALL BE FULLY INSTALLED AND CURED 3 DAYS MIN PRIOR TO INSTALLATION OF POSTS.

SHORING POSTS CONT TO ROOF AND ALIGNED w/ EXIST CONC ENCASED STL BM'S SHALL BE INSTALLED PRIOR TO COMMENCING WALL UNDER-PINNING. PROVIDE 5"Ø STD PIPE POSTS AT BASEMENT AND 1ST FLOOR. PROVIDE 20K WACO HEAVY DUTY SHORING POSTS AT 2ND AND 3RD FLOORS



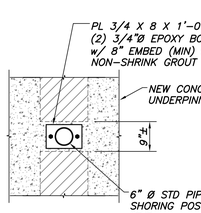
SECTION
1/4"=1'-0"

3
SH1.0



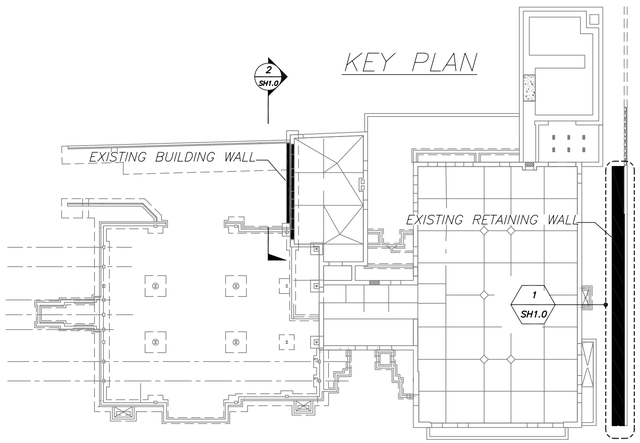
DETAIL
1/2"=1'0"

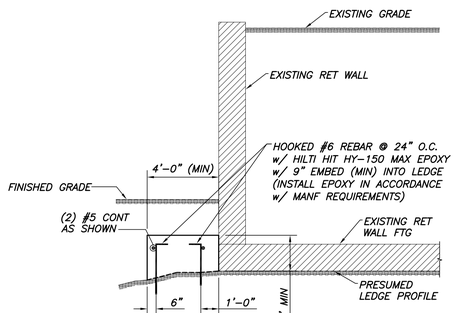
A
SH1.0



SECTION
1/2"=1'0"

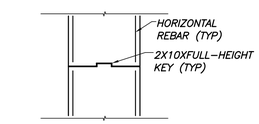
5
SH1.0





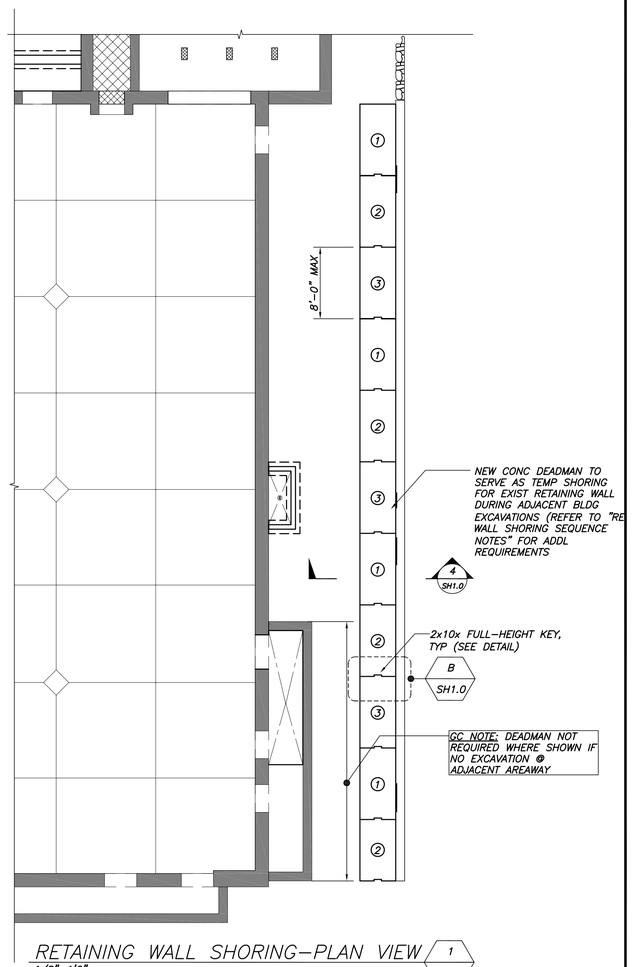
DEADMAN SECTION
1/4"=1'-0"

4
SH1.0



DETAIL
1/4"=1'0"

B
SH1.0



RETAINING WALL SHORING-PLAN VIEW
1/8"=1'0"

1
SH1.0

NOTES:

1. (#) INDICATES PLACEMENT SEQUENCE FOR CONC DEADMAN (REFER TO "SHORING SEQUENCE NOTES")

BUILDING SHORING SEQUENCE NOTES:

1. AS INDICATED BY SECTION 1/S2.3 ON ELM TERRACE CONTRACT DOCUMENTS, THE GC SHALL PROVIDE SHORING FOR THE EXISTING MASONRY WALL AND FLOORS ABOVE IN ORDER TO REMOVE AND REPLACE THE EXISTING FOUNDATION WALL. THIS DOCUMENT OUTLINES THE SHORING PROCESS WHICH SHALL BE PERFORMED IN THE FOLLOWING SEQUENCE:

a. THE EXTERIOR SIDE OF THE RUBBLE FOUNDATION WALL SHALL BE EXCAVATED AS INDICATED ON SECTION 1/S2.3. EXCAVATIONS SHALL BE PERFORMED SO THAT A SLOPE OF 1.5:1 FROM THE EXISTING WALL IS MAINTAINED. ONCE EXPOSED, THE RUBBLE WALL SHALL BE RAKED + REPOINTED. REMOVE INTERIOR SLAB BEYOND CRIBBING LOCATION.

b. THE INTERIOR LINE OF SHORING SHALL BE INSTALLED. CONTINUOUS WOOD CRIBBING SHALL BE LAID DOWN FOR POST SUPPORTS OVER COMPACTED EXISTING SOILS. POSTS SHALL ALIGN WITH EACH EXISTING CONCRETE-ENCASED STEEL BEAM ABOVE @ FIRST FLOOR AND SHALL BE INSTALLED CONTINUOUS TO THE ROOF. IF BEAMS ON FLOOR ABOVE DO NOT ALIGN TO ALLOW CONTINUOUS SHORING POSTS TO BE STACKED, PROVIDE SPREADER BEAMS TO DISTRIBUTE THE LOADS. REQUIRED POST SIZES AT EACH FLOOR ARE INDICATED ON THE DRAWINGS.

c. THE EXISTING WINDOWS DIRECTLY ABOVE THE RUBBLE WALL SHALL BE INFILLED SOLID WITH BRICK. USE TYPE S MORTAR AND ALLOW TO CURE 7 DAYS PRIOR TO ANY RUBBLE REMOVAL.

d. CONCRETE UNDERPINNING SHALL BE INSTALLED BELOW THE BASE OF THE RUBBLE WALL IN THE SEQUENCE INDICATED ON THE DRAWINGS. SEGMENTS MARKED (1) SHALL BE INSTALLED FIRST, SEGMENTS MARKED (2) SHALL BE INSTALLED SECOND, ETC. EACH SERIES OF UNDERPINNING SEGMENTS SHALL BE ALLOWED TO CURE FOR A MINIMUM OF 2 DAYS PRIOR TO COMMENCING THE NEXT SERIES. ALL CONCRETE UNDERPINNING SHALL BE INSTALLED AND CURED 7 DAYS MIN PRIOR TO INSTALLING THE WALL SHORING POSTS. CONCRETE STRENGTH SHALL BE 5000 PSI @ 28 DAYS.

e. SHORING POSTS SHALL BE INSTALLED IN THE SEQUENCE SHOWN ON THE DRAWINGS. POSTS MARKED (1) SHALL BE INSTALLED FIRST, POSTS MARKED (2) SHALL BE INSTALLED SECOND, ETC. PRIOR TO THE INSTALLATION OF EACH SHORING POST HSS SHORING CAPS SHALL BE INSERTED INTO THE EXISTING MASONRY WALL. DRY PACK SOLID BETWEEN TOP & BOT OF SHORING CAP & MASONRY. ONCE THE HSS SHORING CAPS ARE IN PLACE, PORTIONS OF THE RUBBLE AND MASONRY WALL SHALL BE SAW CUT + REMOVED TO INSTALL THE POST. CARE SHALL BE TAKEN NOT TO REMOVE MORE WALL THAN IS NECESSARY TO INSTALL THE POST DURING THIS PROCESS. INSTALL SHORING POSTS AND WELD POST TOPS TO SHORING CAPS. INSTALL TAPERED STEEL SHIMS BELOW POST BASE TO "PRELOAD" POST. GROUT SOLID BELOW POST BASE W/ 5000 PSI GROUNT, ALLOW GROUT TO CURE FOR 3 DAYS PRIOR TO WALL REMOVALS.

f. ONCE ALL SHORING POSTS ARE FULLY ERECTED, NOTIFY ENG TO REVIEW WORK PRIOR TO ANY FURTHER REMOVALS. IF ENGINEER'S REVIEW DEEMS INSTALLATION TO BE ACCEPTABLE, THE EXISTING RUBBLE WALL CAN THEN BE CAREFULLY REMOVED. THE NEW FOUNDATION WALL SHALL BE CAST AROUND THE SHORING POSTS TO THE UNDERSIDE OF THE BRICK MASONRY WALL. EVENLY SPACED REBAR SHALL BE PROVIDED BOTH SIDES OF EACH SHORING POST DRILL AND EPOXY MATCHING DOWELS INTO CONC UNDERPINNING. SEE 1/S2.3 FOR REINFORCEMENT + OTHER WALL REQUIREMENTS.

g. AFTER THE NEW WALL IS PLACED + CURED THE TOP PORTION OF THE SHORING POST AND CAP CHANNEL SHALL BE REMOVED(TORCHED) AND POST VOID FILLED W/ GROUT. THE REMAINING WALL VOIDS SHALL BE FILLED WITH SOLID BRICK MASONRY. THIS REMOVAL OF THE CAP AND POST SHALL BE COMPLETED IN THE REVERSE ORDER OF INSTALLATION (REFER TO NOTE 5).

h. THE SOLID BRICK INFILL IN EACH OF THE WINDOWS CAN BE REMOVED IF REQUIRED FOR FINAL CONDITION.

RET WALL SHORING SEQUENCE NOTES:

1. AS INDICATED ON DRAWING S1.1 ON THE ELM TERRACE CONSTRUCTION DOCUMENTS, THE EXISTING CONCRETE RETAINING WALL ADJACENT TO THE MAIN BUILDING SHALL BE TEMPORARILY SHORED DURING BUILDING EXCAVATIONS FOR DRAINAGE. THIS SHORING INSTALLATION PROCESS SHALL BE PERFORMED IN THE FOLLOWING SEQUENCE:

a. PRIOR TO ANY EXCAVATIONS ALONG THE MAIN BUILDING, A CONCRETE DEADMAN SHALL BE CAST AGAINST THE BASE OF THE EXISTING CONCRETE RETAINING WALL. THE CONCRETE SHALL BE REACH A MINIMUM 28-DAY COMPRESSION STRENGTH OF 5000 PSI.TO PLACE THE DEADMAN, THE GC SHALL EXCAVATE ALONG THE RETAINING WALL IN SECTIONS NO LONGER THAN 8'-0". THESE SECTIONS SHALL BE EXCAVATED IN THE ORDER INDICATED ON PLAN. SECTIONS MARKED (1) SHALL BE EXCAVATED FIRST, SECTIONS MARKED (2) SHALL BE EXCAVATED SECOND, ETC. FOR EACH SERIES OF EXCAVATIONS, THE CONCRETE DEADMAN AND ITS ANCHORS SHALL BE INSTALLED, AND THE CONCRETE SHALL BE ALLOWED TO CURE FOR TWO DAYS PRIOR TO COMMENCING THE NEXT SERIES OF EXCAVATIONS. IF ANY WEEPS IN THE EXISTING WALL ARE DISCOVERED BELOW GRADE, THE GC SHALL PROVIDE BONDOUTS IN THE DEADMAN TO ALLOW THE WEEP TO CONTINUE THROUGH THE CONCRETE.

b. AFTER THE DEADMAN INSTALLATION HAS BEEN COMPLETED, EXCAVATIONS MAY BEGIN AROUND THE PERIMETER OF THE MAIN BUILDING. THE CONCRETE DEADMAN MAY REMAIN IN PLACE. THE GC SHALL CONSULT THE STRUCTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS REGARDING THE INTERIOR SLAB ON GRADE REPLACEMENT IN THE EXISTING BASEMENT.

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STATE OF MAINE
PAUL B. BECKER
NO. 6554
LICENSED
PROFESSIONAL ENGINEER

Rev No	Date	Issued For	Appvd

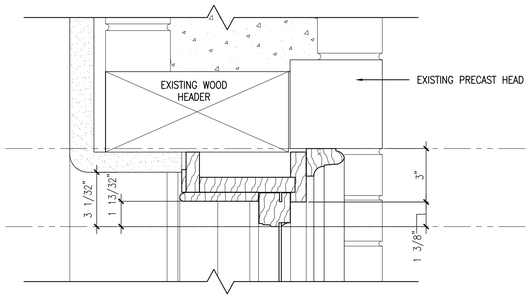
ELM TERRACE
PORTLAND, ME

SHORING DETAILS

Designed	Scale
CGW	AS NOTED
Drawn	Date
BRG	09/23/11
Checked	Becker Job Number
DSB	2645

SH1.0

EXISTING FIELD DIMENSIONS INDICATED ARE APPROXIMATE AND ARE BASED UPON LIMITED SITE VERIFICATION. CONTRACTOR IS VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS.



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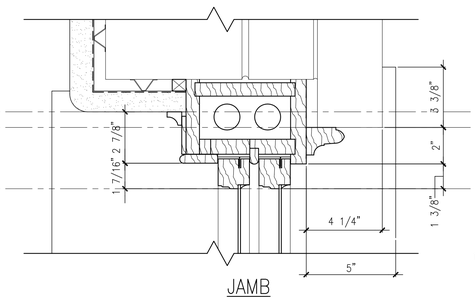
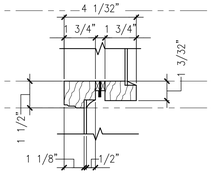
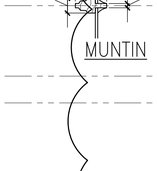


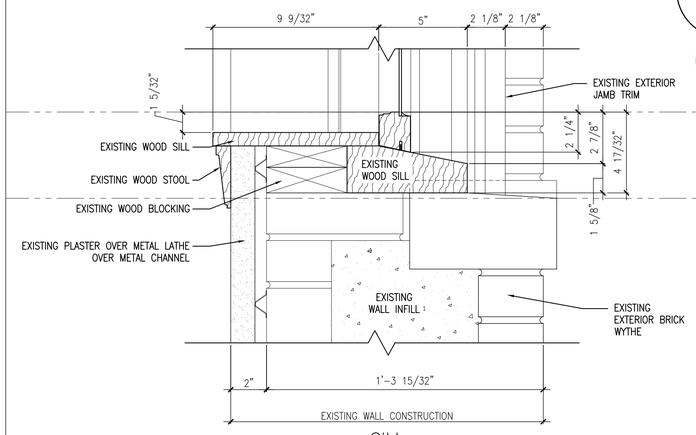
JAMB



MEETING RAIL



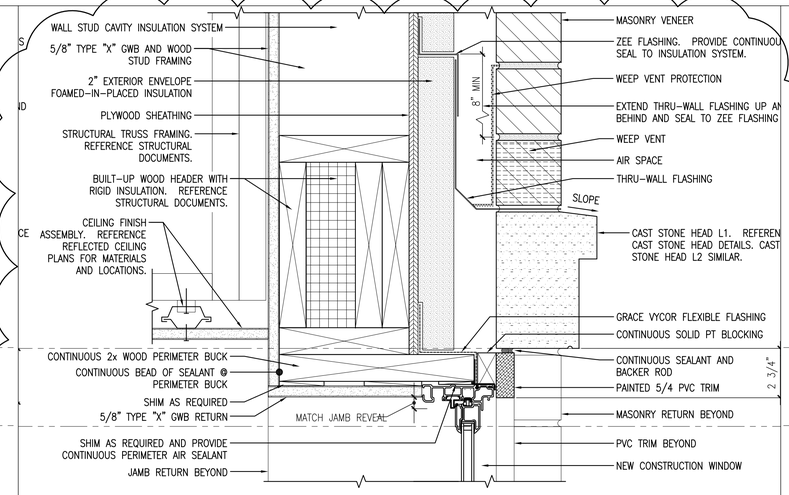
MUNTIN



SILL

7 EXISTING CONDITION OF TYPICAL EXISTING WINDOW ASSEMBLY

REFERENCED FROM: SCALE: 3" = 1'-0"



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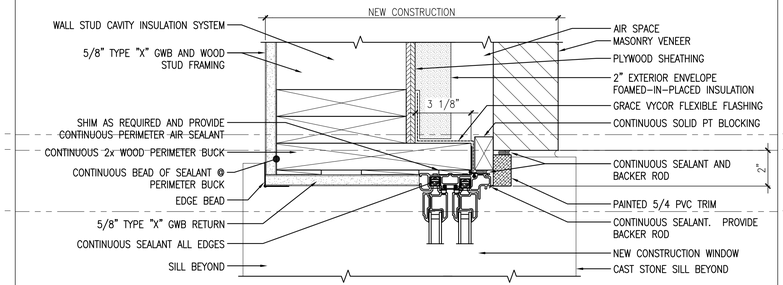
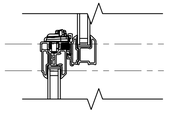


JAMB

NOTE:
AIR SEAL ALL GAPS AT WINDOW ASSEMBLY WITH APPROPRIATE AIR SEALING MATERIALS, TYPICAL.



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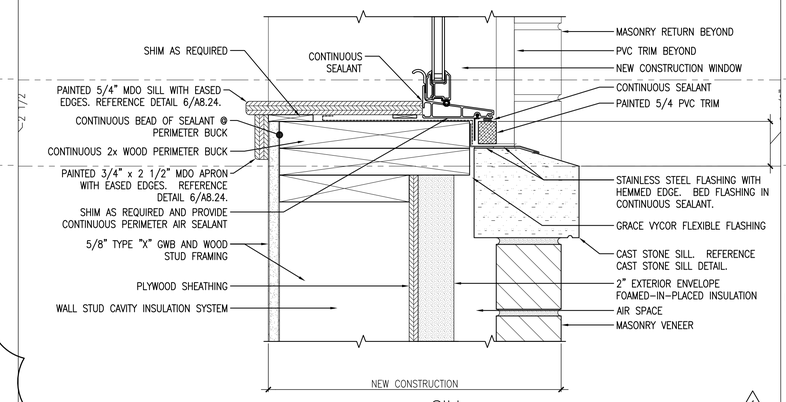
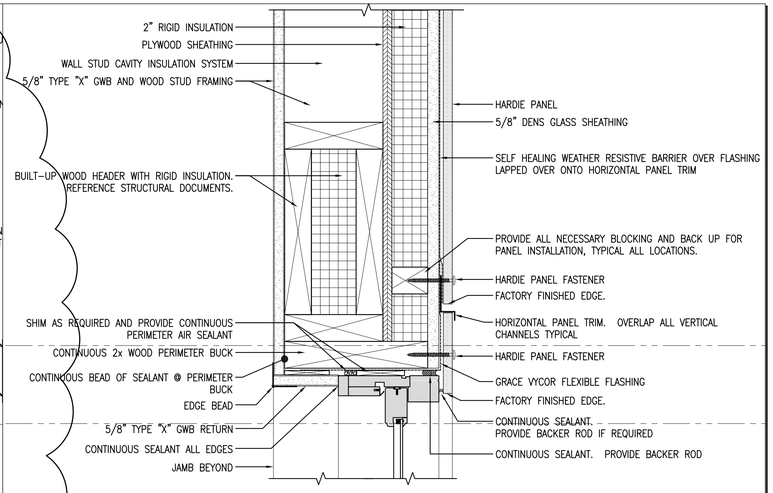


SILL

8 FIBERGLASS WINDOW ASSEMBLY @ MASONRY WALL CONDITION

REFERENCED FROM: SCALE: 3" = 1'-0"



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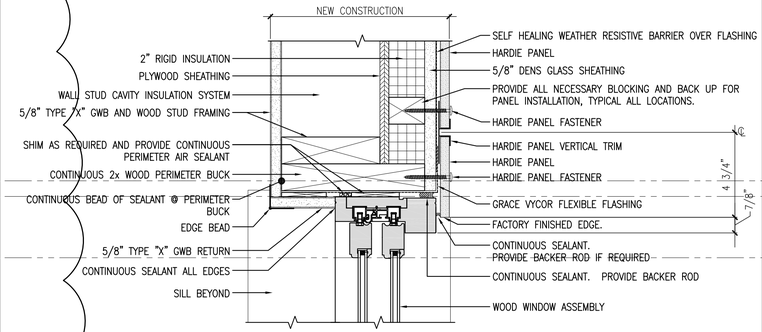

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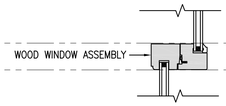

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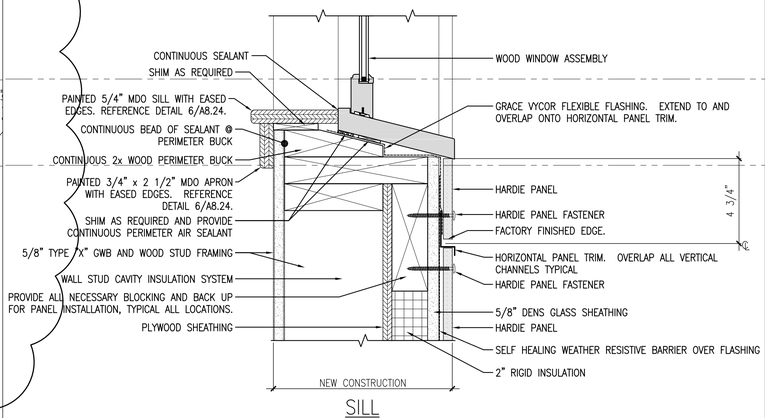

SILL

9 WOOD WINDOW @ FIBER CEMENT PANEL CONDITION

REFERENCED FROM: SCALE: 3" = 1'-0"

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ELM TERRACE

68 HIGH STREET
PORTLAND, MAINE

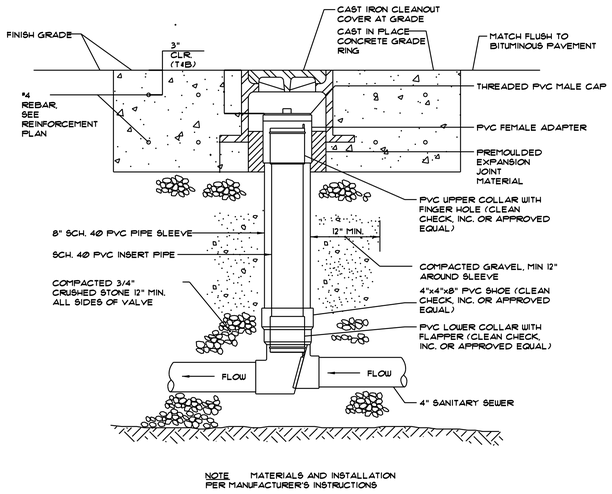
Project No: 09428

Drawing Title:
WINDOW DETAILS

Scale: AS NOTED
Date: ISSUED SEPTEMBER 8, 2011
Revisions:
1 ADDENDUM 01 (9-23-11)

Drawing Number:
A8.26

9/23/2011 10:01 AM



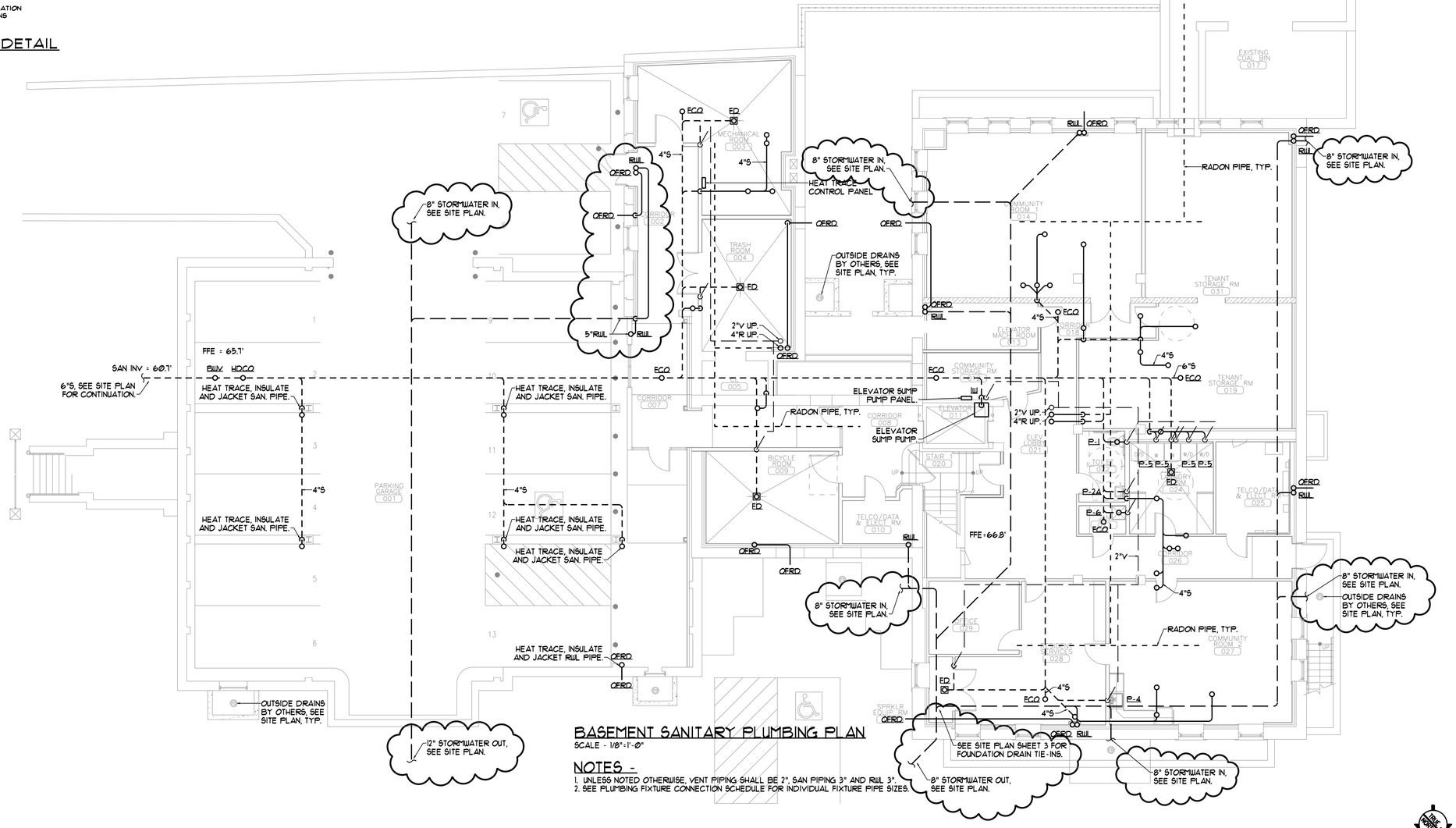
NOTE MATERIALS AND INSTALLATION PER MANUFACTURER'S INSTRUCTIONS

BACK WATER VALVE DETAIL

N.T.S.

DEMOLITION NOTE -

UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL MECHANICAL AND PLUMBING SYSTEMS INCLUDING BUT NOT LIMITED TO BOILERS, BREECHING, PUMPS, PIPING, DUCTWORK, FANS, INSULATION, CONTROLS, PLUMBING FIXTURES, WATER HEATERS, SPRINKLER, VALVES AND HANGERS SHALL BE REMOVED IN THEIR ENTIRETY. ASBESTOS ABATEMENT WHERE APPLICABLE, SHALL BE BY OTHERS.



BASEMENT SANITARY PLUMBING PLAN

SCALE - 1/8"=1'-0"

NOTES -

1. UNLESS NOTED OTHERWISE, VENT PIPING SHALL BE 2". SAN PIPING 3" AND RWL 3".
2. SEE PLUMBING FIXTURE CONNECTION SCHEDULE FOR INDIVIDUAL FIXTURE PIPE SIZES.

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ELM TERRACE

68 HIGH STREET
PORTLAND, MAINE

Project No: 09428

Drawing Title:

BASEMENT SANITARY PLUMBING PLAN

Scale: 1/8" : 1'-0"

Date: September 8, 2011

Revisions:

1. Addendum 01, 9-23-2011

Drawing Number:

M3.0