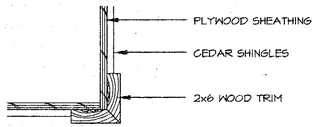
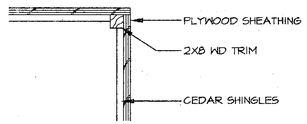
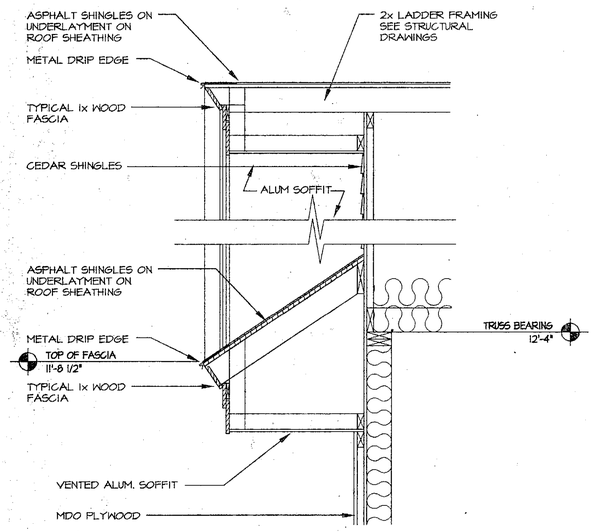


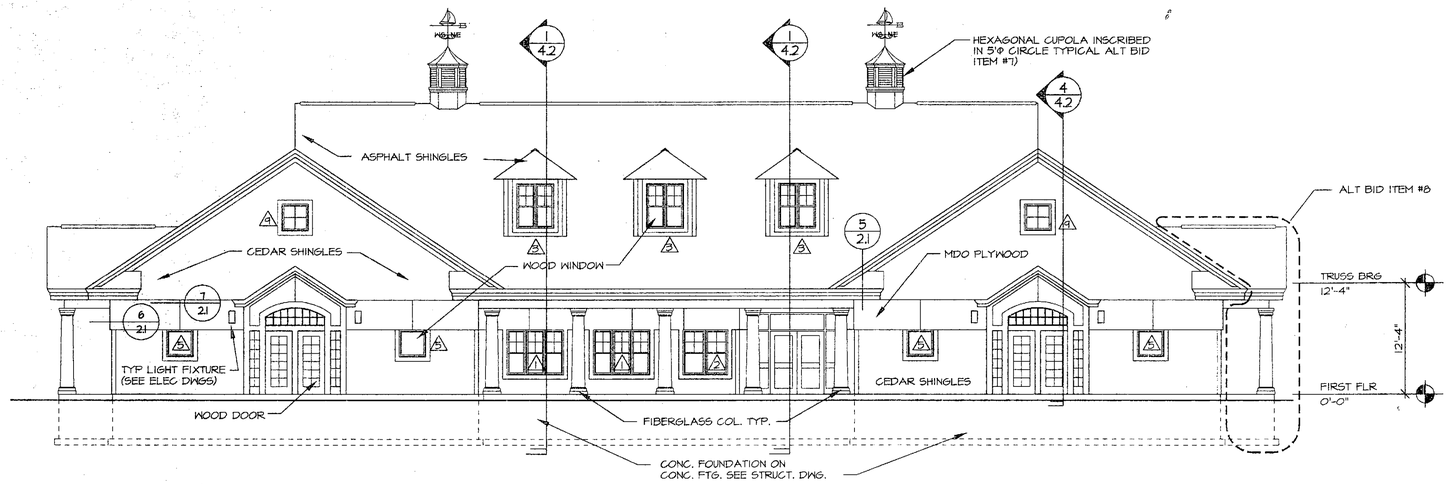

DETAIL 3/2.1
SCALE : 1 1/2" = 1'-0"



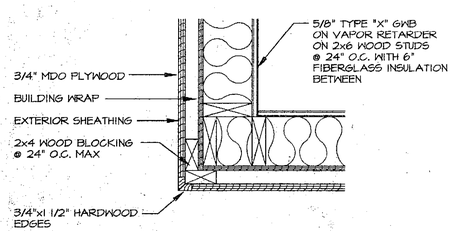

DETAIL 4/2.1
SCALE : 1 1/2" = 1'-0"



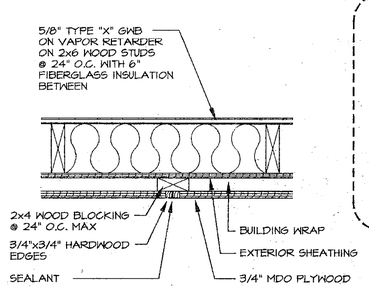

DETAIL 5/2.1
SCALE : 3/4" = 1'-0"



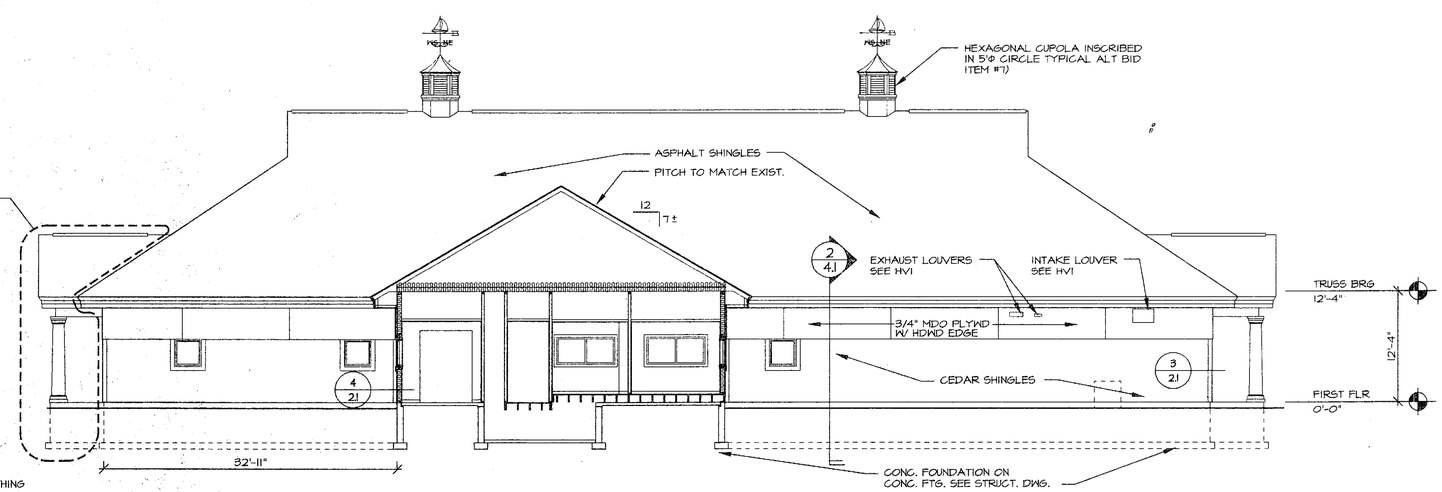

NORTH ELEVATION 1/2.1
SCALE : 1/8" = 1'-0"




DETAIL 6/2.1
SCALE : 1 1/2" = 1'-0"




DETAIL 7/2.1
SCALE : 1 1/2" = 1'-0"




SOUTH ELEVATION 2/2.1
SCALE : 1/8" = 1'-0"

08 - 29 - 1994
4861.EV1

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BUILDING ELEVATIONS

RENOVATIONS AND EXPANSION TO THE FALMOUTH LIBRARY
FALMOUTH, MAINE

2486

| NO. | REVISION | DATE |
|---|---|---|

| | |
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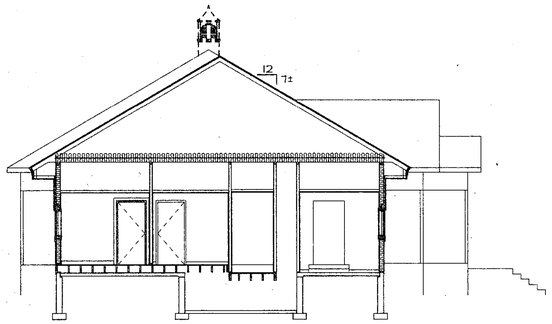
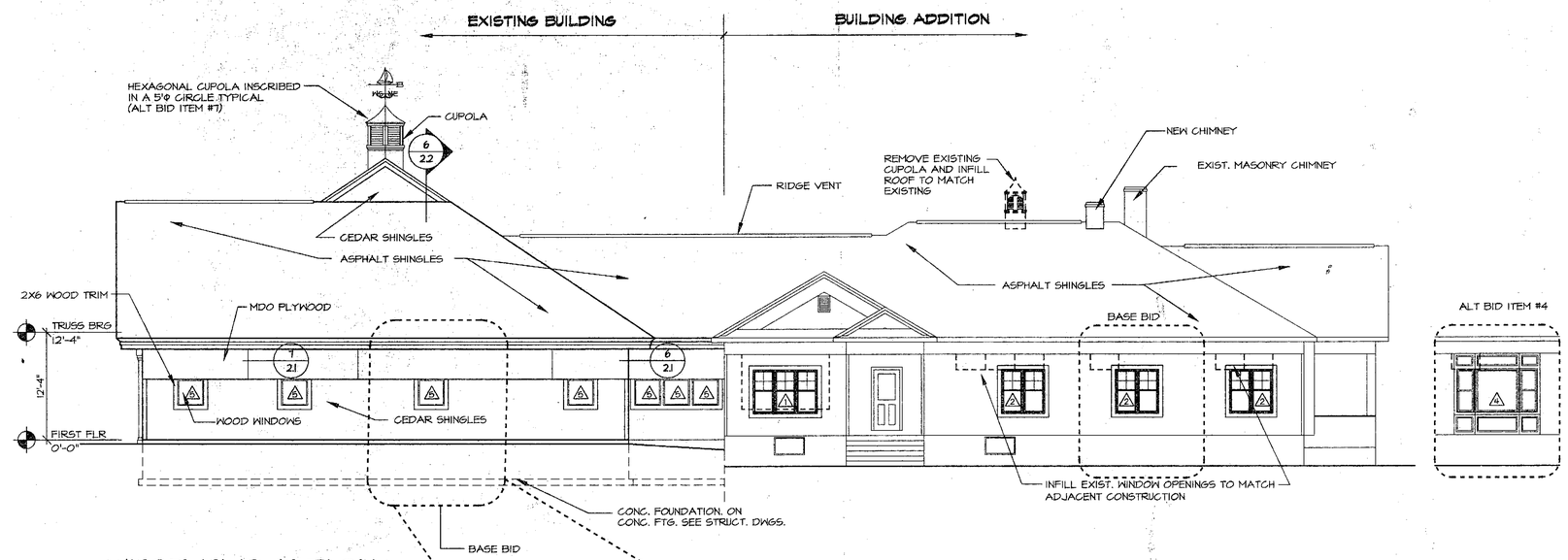
| PRINCIPAL | SBR |
| DESIGNER | SBR |
| DRAFTER | KRJ |
| CHECKED BY | KSD |
| DATE: | AUG 30 1994 |

2.1




## EXIST NORTH ELEVATION/ SECTION (2/22)

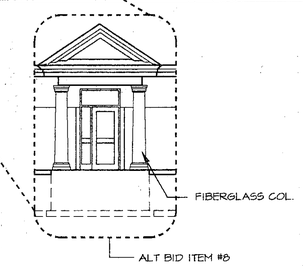
SCALE : 1/8" = 1'-0"




## WEST ELEVATION (1/22)

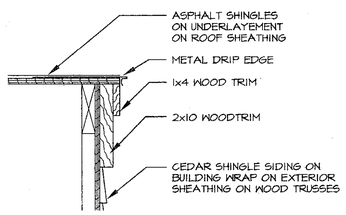
SCALE : 1/8" = 1'-0"



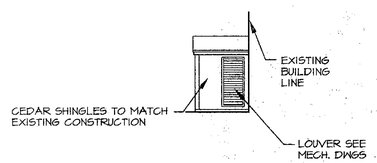

NOTE :

1. REPLACE 40'-0" LF OF EXISTING ROOF TRIM FIELD DETERMINE LOCATIONS



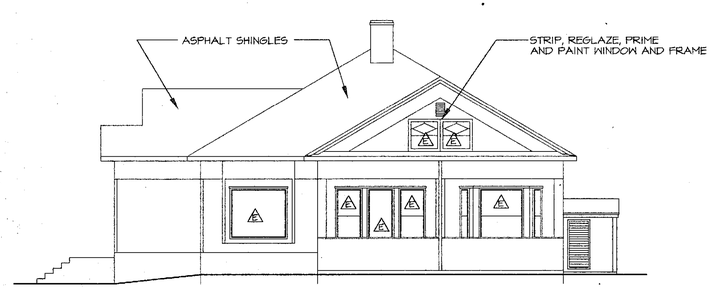

## FASCIA DETAIL (6/22)

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



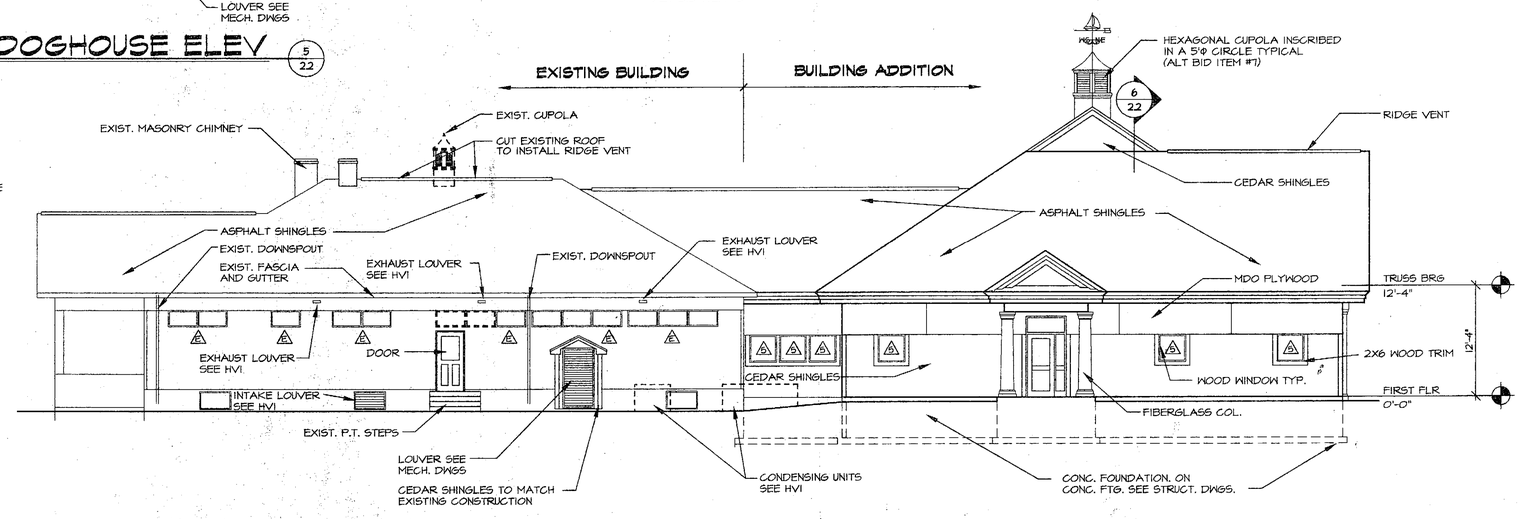

## EXIST DOGHOUSE ELEV (5/22)

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




## EXIST SOUTH ELEVATION (4/22)

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




## EAST ELEVATION (3/22)

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

08 - 06 - 1994
486ELEV2

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BUILDING ELEVATIONS

RENOVATIONS AND EXPANSION TO THE FALMOUTH LIBRARY
FALMOUTH, MAINE

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| DESIGNER | SDR |
| DRAFTER | KRJ |
| CHECKED BY | KSD |
| DATE: AUG 3 0 1994 | |

2.2

## WALL CONSTRUCTION SCHEDULE:

- (W1) 5/8" TYPE "X" GWB ON BOTH SIDES OF 2x4 WOOD STUDS @ 16" O.C. WITH 3 1/2" FIBERGLASS INSULATION BETWEEN
- (W1A) 5/8" TYPE "X" GWB ON ONE SIDE OF 2x4 WOOD STUDS @ 16" O.C. WITH 5/8" TYPE "X" GWB ON 1/2" PLYWOOD ON STUDS AT DOOR SWING SIDE OF WALL WITH 3 1/2" FIBERGLASS INSULATION BETWEEN WOOD STUDS
- (W2) 5/8" TYPE "X" GWB ON BOTH SIDES OF 2x4 WOOD STUDS @ 16" O.C.
- (W3) 2- LAYERS OF 5/8" TYPE "X" GWB ON BOTH SIDES OF 2x6 WOOD STUDS @ 24" O.C. WITH 5 1/2" FIBERGLASS INSULATION BETWEEN WOOD STUDS
- (W4) 5/8" TYPE "X" GWB ON BOTH SIDES OF 2x6 WOOD STUDS @ 24" O.C. WITH 5 1/2" FIBERGLASS INSULATION BETWEEN WOOD STUDS
- (W4A) 5/8" TYPE "X" GWB ON BOTH SIDES OF 2x6 WOOD STUDS @ 24" O.C.
- (W5) 5/8" TYPE "X" GWB ON ONE SIDE OF 2x4 WOOD STUDS @ 16" O.C. WITH 3 1/2" FIBERGLASS INSULATION BETWEEN WOOD STUDS
- (W6) 5/8" TYPE "X" GWB ON BOTH SIDES OF WOOD STUDS @ 16" O.C. TO MATCH EXISTING WALL THICKNESS (FINISH SMOOTH)

NOTES:

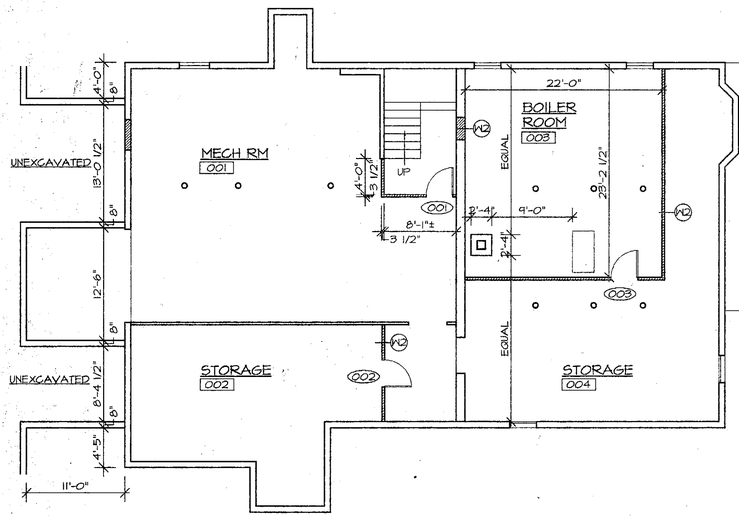
1. TAPE AND FINISH BELOW CEILING
2. PROVIDE MOISTURE RESISTANT GWB AT ALL TOILET AND KITCHEN AREAS
3. F.C. = FIRE EXTINGUISHER AND CABINET

## LEGEND

- EXISTING WALL
- NEW WALL SEE WALL CONSTRUCTION SCHEDULE

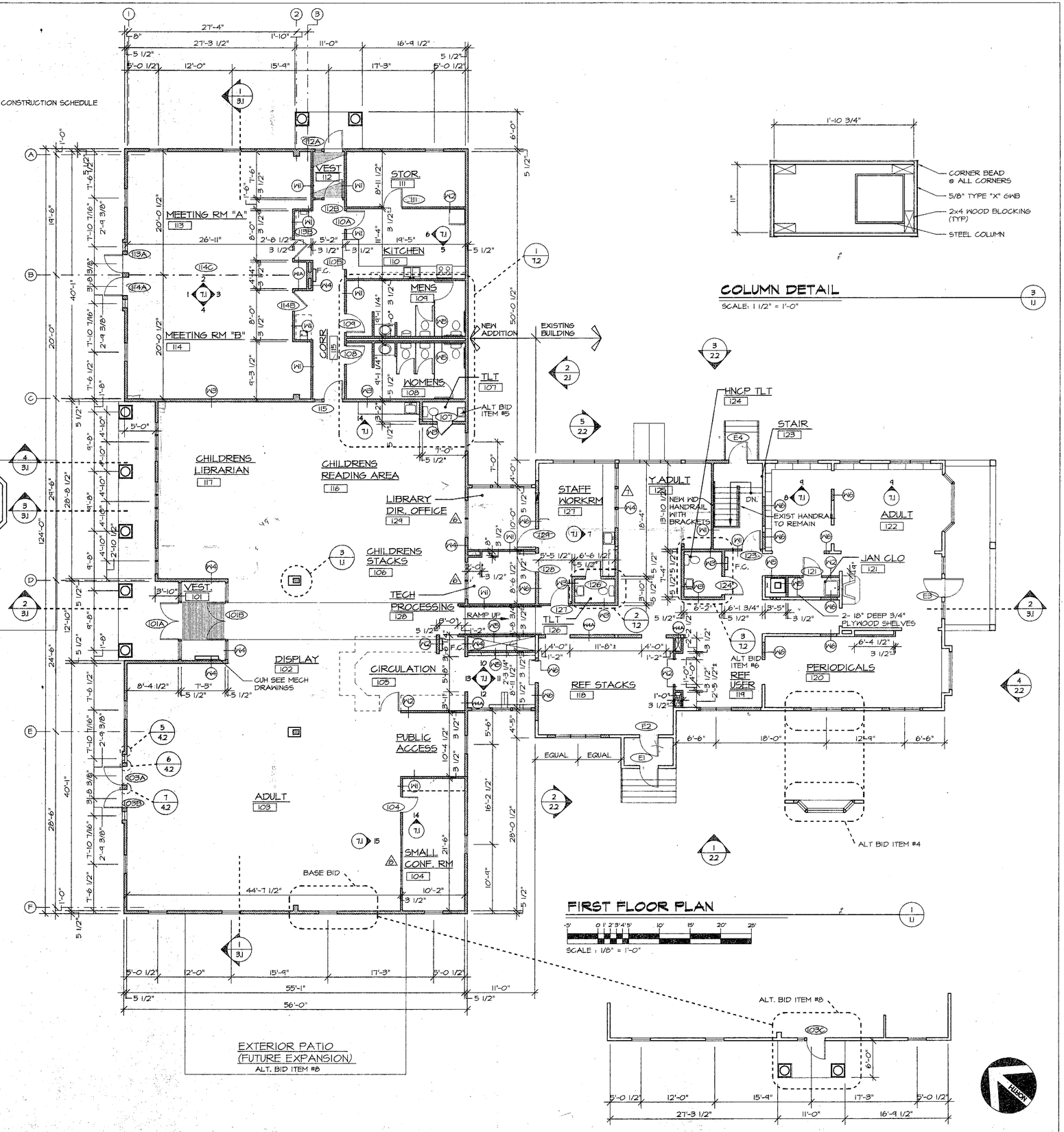
## PHASING OF CONSTRUCTION

THIS PROJECT REQUIRES THAT THE LIBRARY BE COMPLETED IN PHASES AND REMAIN IN OPERATION THROUGHOUT CONSTRUCTION THIS INCLUDES EXITS, REQUIRED HVAC, PLUMBING AND ELECTRICAL. THE EXISTING LIBRARY WILL MOVE INTO THE ADDITION UPON ITS COMPLETION. RENOVATION OF THE EXISTING PORTION WILL OCCUR AFTER COMPLETION OF THE ADDITION. CONTRACTOR SHALL ASSUME THE OWNER WILL MAKE THIS TRANSITION IN ONE WEEK.




## BASEMENT FLOOR PLAN

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




## FIRST FLOOR PLAN

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




## COLUMN DETAIL

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

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FLOOR PLANS

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1.1

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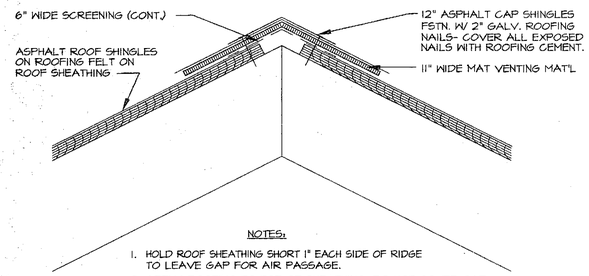
88 - 30 - 1994

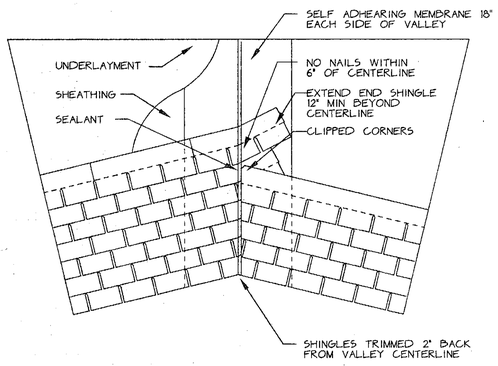



NOTES:

1. HOLD ROOF SHEATHING SHORT 1" EACH SIDE OF RIDGE TO LEAVE GAP FOR AIR PASSAGE.
2. APPLY ROOFING TO TOP OF SHEATHING. DO NOT COVER GAP, EXCEPT FOR 12" IN FROM EACH END OF RIDGE.
3. APPLY 6" WIDE SCREEN ALONG RIDGE TO COVER GAP.
4. APPLY 11" WIDE MAT VENTING MATERIAL ALONG RIDGE OVER GAP. STOP VENTING MATERIAL 6" BACK FROM RAKE EDGE.
5. APPLY CAP SHINGLES IN USUAL MANNER. USE 2" GALV. ROOFING NAILS AND NAIL THROUGH MAT VENTING MATERIAL. DRIVE NAIL TO HOLD CAP FIRMLY, BUT DO NOT FLATTEN MAT VENTING MATERIAL.
6. RIDGE VENT MUST PROVIDE 18 SQUARE INCHES MIN. PER LINEAL FOOT OF RIDGE VENT

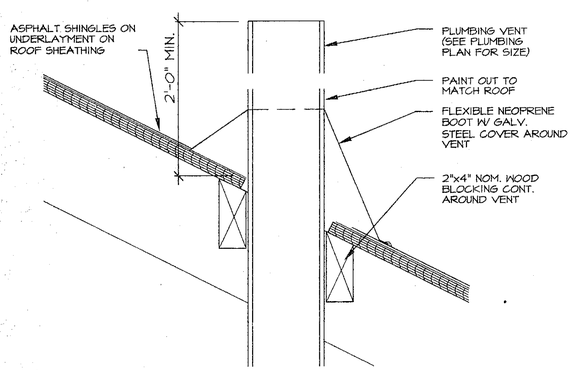
## RIDGE VENT DETAIL (2/1.2)

SCALE: 3"=1'-0"




## VALLEY DETAIL (3/1.2)

SCALE: 3"=1'-0"



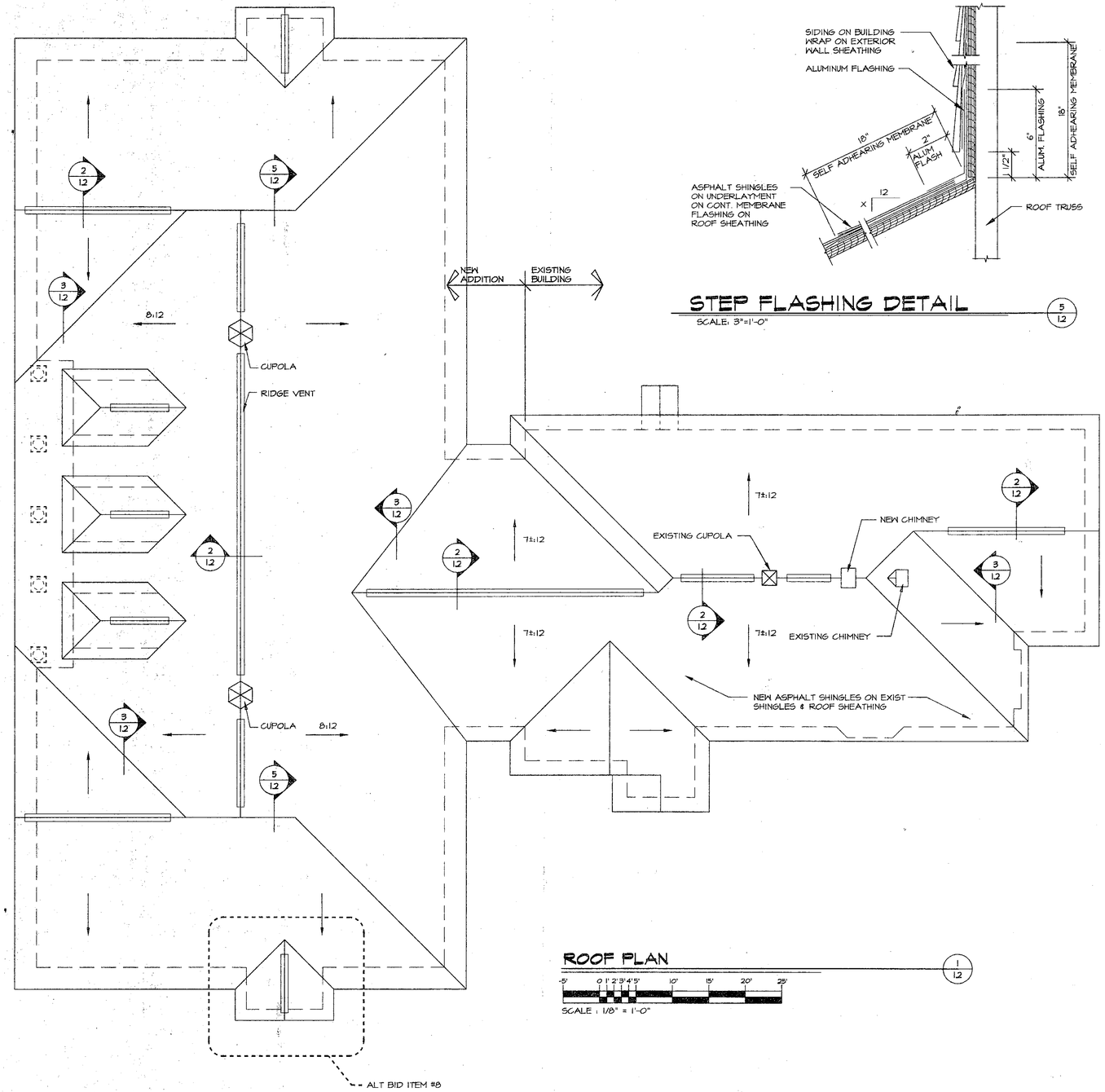

## VENT STACK DETAIL (4/1.2)

SCALE: 3"=1'-0"




## STEP FLASHING DETAIL (5/1.2)

SCALE: 3"=1'-0"




## ROOF PLAN (1/1.2)

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

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ROOF PLAN & DETAILS

RENOVATIONS AND EXPANSION TO THE FALMOUTH LIBRARY
FALMOUTH, MAINE

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| DRAFTER | KRJ |
| CHECKED BY | KSD |
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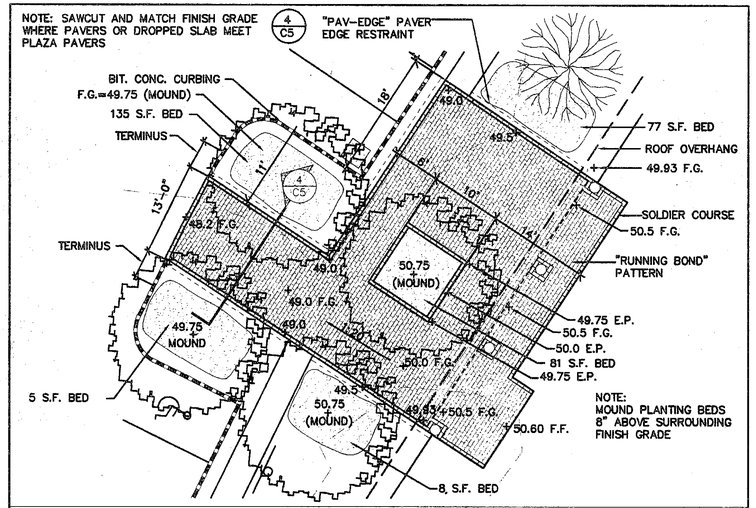
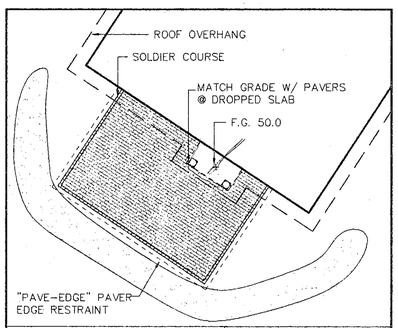
1.2

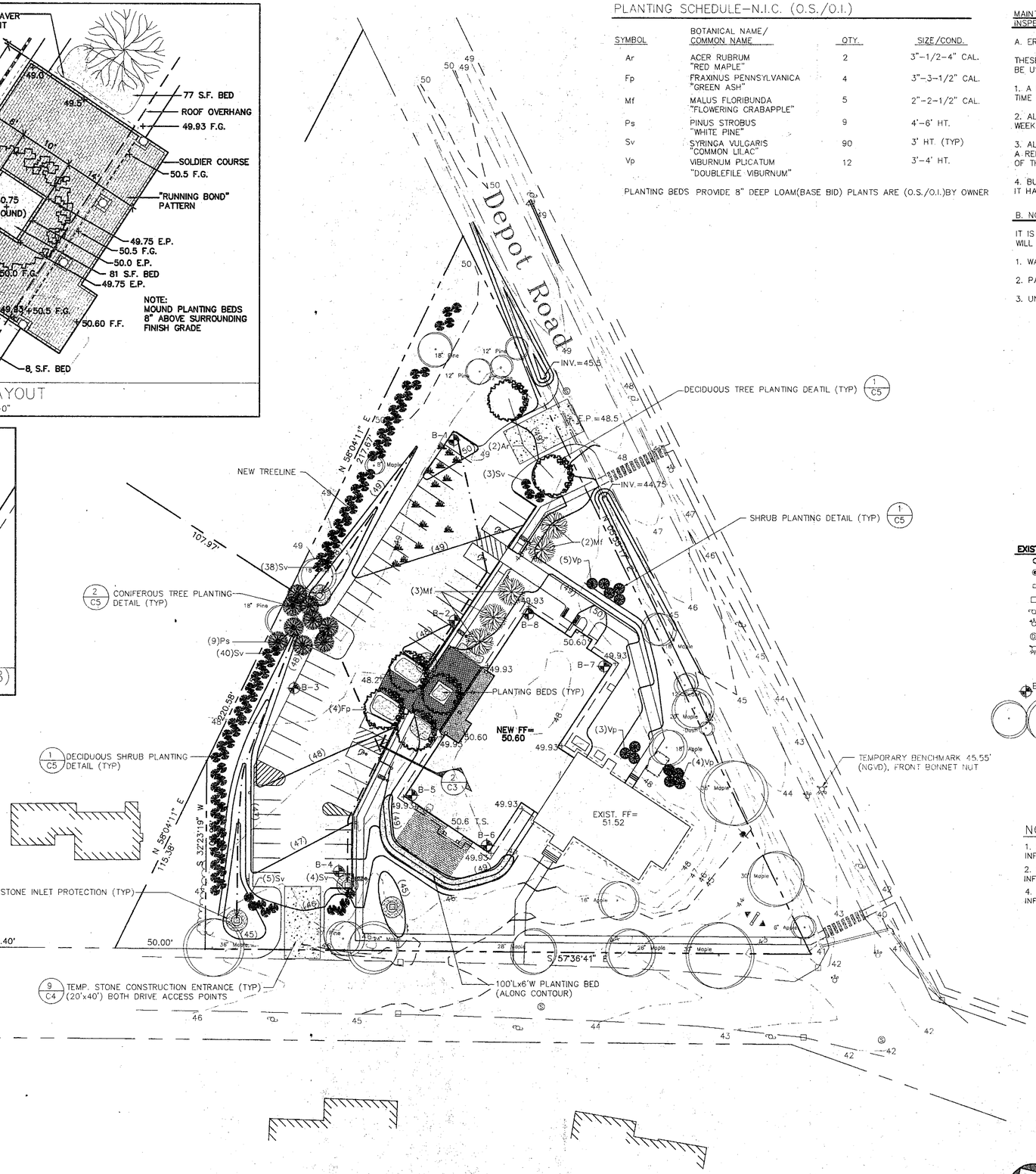
466ROOF
08-25-1994




PLAZA #1 LAYOUT
SCALE: 1"=10'-0"




PLAZA #2 LAYOUT(ADD. ALT. #8)
SCALE: 1"=20'-0"




## PLANTING SCHEDULE–N.I.C. (O.S./O.I.)

| SYMBOL | BOTANICAL NAME/ COMMON NAME | QTY. | SIZE/COND. |
|---|---|---|---|
| Ar | ACER RUBRUM "RED MAPLE" | 2 | 3"–1/2–4" CAL. |
| Fp | FRAXINUS PENNSYLVANICA "GREEN ASH" | 4 | 3"–3–1/2" CAL. |
| Mf | MALUS FLORIBUNDA "FLOWERING CRABAPPLE" | 5 | 2"–2–1/2" CAL. |
| Ps | PINUS STROBUS "WHITE PINE" | 9 | 4'–6' HT. |
| Sv | SYRINGA VULGARIS "COMMON LILAC" | 90 | 3' HT. (TYP) |
| Vp | VIBURNUM PLICATUM "DOUBLEFILE VIBURNUM" | 12 | 3'–4' HT. |

PLANTING BEDS PROVIDE 8" DEEP LOAM(BASE BID) PLANTS ARE (O.S./O.I.)BY OWNER

## MAINTENANCE AND INSPECTION PROCEDURES AND THIRD–PARTY INSPECTION

A. EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE –

THESE ARE THE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

1. A MINIMUM AREA OF THE SITE WILL BE DENUDED AT ANY GIVEN TIME ONLY TO STAY AHEAD OF EARTHWORK ACTIVITIES.

2. ALL CONTROL MEASURES WILL BE INSPECTED AT LEAST ONCE A WEEK AND FOLLOWING ANY STORM EVENT OF 0.5 INCHES OR GREATER.

3. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF THE REPORT.

4. BUILT UP SEDIMENT WILL BE REMOVED FROM THE SILT FENCE WHEN IT HAS REACHED ONE–THIRD THE HEIGHT OF THE FENCE.

B. NON–STORM WATER DISCHARGES –

IT IS EXPECTED THAT THE FOLLOWING NON–STORM WATER DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PROCESS:

1. WATER FROM FLUSHING OF STORM, SANITARY AND WATER LINES.

2. PAVEMENT WASH WATER.

3. UNCONTAMINATED GROUNDWATER (FROM DEWATERING).

## LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| | Iron Pin Found (1/2" hollow, unless noted) | |
| | Iron Pin Set (5/8" rebar with cap) | |
| | Monument Found (6"x6" granite with drill hole) | |
| | Catch Basin | |
| | Utility Pole | |
| | Water Valve | WV |
| | Manhole | |
| | Fire Hydrant | |
| | 100W GROUND LIGHTING | |
| | 250W HPS 25' H. SITE LIGHTING | |
| B–5 | S.W. COLE TEST BORING LOCATION | |
| | TREES / SHRUBS | |

## NOTES:

1. SEE NOTES P1 THROUGH P16 ON SHEET CO FOR ADDITIONAL PLANTING INFORMATION
2. S.W. COLE GEOTECHNICAL REPORT IN SPECIFICATIONS FOR TEST PIT INFORMATION
4. SEE NOTES G1 THROUGH G7 ON SHEET CO FOR ADDITIONAL GRADING INFORMATION

GRAPHIC SCALE
30 0 15 30 60 120
( IN FEET )
1 inch = 30 ft.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SITE GRADING / PLANTING PLAN

FALMOUTH MEMORIAL LIBRARY
FALMOUTH, MAINE
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| PRINCIPAL | SDR |
| DESIGNER | RMF |
| DRAFTER | DHP |
| CHECKED BY | RMF |
| DATE: | |

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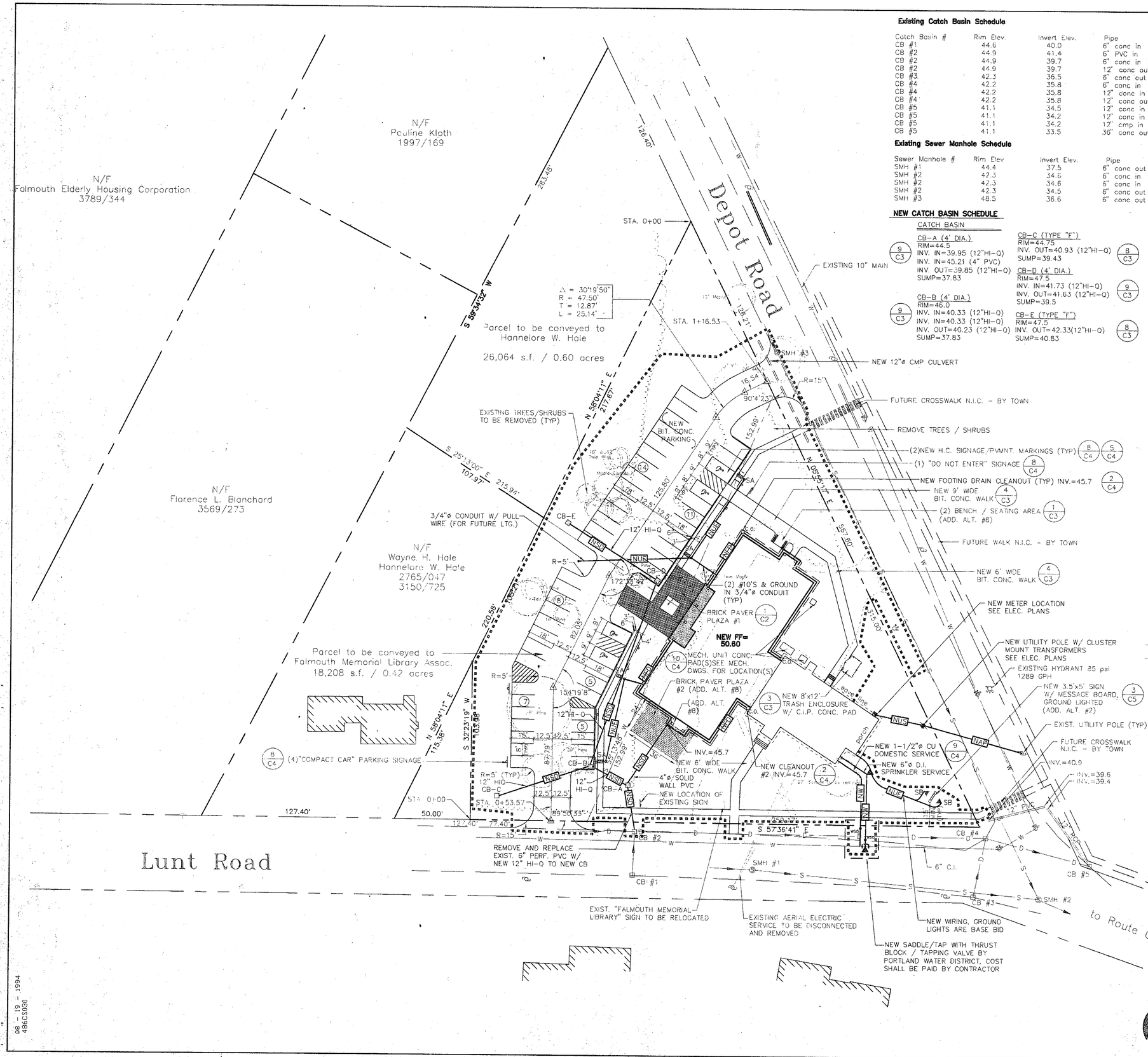



**Existing Catch Basin Schedule**

| Catch Basin # | Rim Elev. | Invert Elev. | Pipe |
|---|---|---|---|
| CB #1 | 44.6 | 40.0 | 6" conc in |
| CB #2 | 44.9 | 41.4 | 6" PVC in |
| CB #2 | 44.9 | 39.7 | 6" conc in |
| CB #2 | 44.9 | 39.7 | 12" conc out |
| CB #3 | 42.3 | 36.5 | 6" conc out |
| CB #4 | 42.2 | 35.8 | 6" conc in |
| CB #4 | 42.2 | 35.8 | 12" conc in |
| CB #4 | 42.2 | 35.8 | 12" conc out |
| CB #5 | 41.1 | 34.5 | 12" conc in |
| CB #5 | 41.1 | 34.2 | 12" conc in |
| CB #5 | 41.1 | 34.2 | 12" cmp in |
| CB #5 | 41.1 | 33.5 | 36" conc out |

**Existing Sewer Manhole Schedule**

| Sewer Manhole # | Rim Elev | Invert Elev. | Pipe |
|---|---|---|---|
| SMH #1 | 44.4 | 37.5 | 6" conc out |
| SMH #2 | 42.3 | 34.6 | 6" conc in |
| SMH #2 | 42.3 | 34.6 | 6" conc in |
| SMH #2 | 42.3 | 34.5 | 6" conc out |
| SMH #3 | 48.5 | 36.6 | 6" conc out |

**NEW CATCH BASIN SCHEDULE**

CATCH BASIN

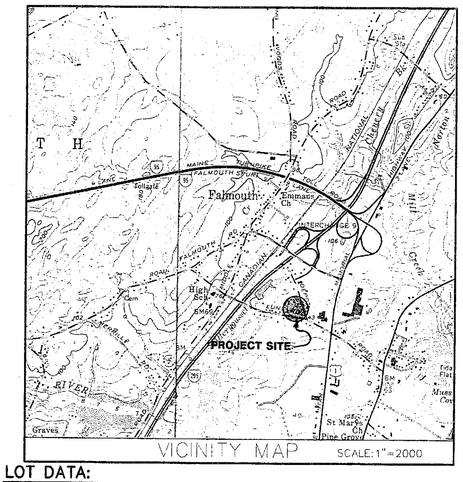
CB-A (4' DIA.) (9/C3)
RIM=44.5
INV. IN=39.95 (12"HI-Q)
INV. IN=45.21 (4" PVC)
INV. OUT=39.85 (12"HI-Q)
SUMP=37.83

CB-B (4' DIA.) (9/C3)
RIM=46.0
INV. IN=40.33 (12"HI-Q)
INV. IN=40.33 (12"HI-Q)
INV. OUT=40.23 (12"HI-Q)
SUMP=37.83

CB-C (TYPE "F") (8/C3)
RIM=44.75
INV. OUT=40.93 (12"HI-Q)
SUMP=39.43

CB-D (4' DIA.) (9/C3)
RIM=47.5
INV. IN=41.73 (12"HI-Q)
INV. OUT=41.63 (12"HI-Q)
SUMP=39.5

CB-E (TYPE "F") (8/C3)
RIM=47.5
INV. OUT=42.33(12"HI-Q)
SUMP=40.83




## LOT DATA:

ZONE: "RA" RESIDENTIAL A DISTRICT

| | REQUIRED | ACTUAL |
|---|---|---|
| MIN. LOT AREA: | 20,000 S.F. | 73,740 S.F. |
| MIN. LOT WIDTH: | 125' | 336.57',441.21' |
| MAX. LOT COVERAGE: | 20% | 13.5% |
| SETBACKS: | | |
| FRONTYARD: | 25' | 25' |
| SIDEYARD: | 20' | N/A |
| REARYARD: | 40' | 102' |
| PARKING: | 25' | |
| PARKING: | 50 (1 SP. / 200 G.S.F.) | 51 (4 H.C.) |

## LEGEND

| EXISTING | | PROPOSED |
|---|---|---|
| ○ | Iron Pin Found (1/2" hollow, unless noted) | |
| ◉ | Iron Pin Set (5/8" rebar with cap) | |
| ⊡ | Monument Found (6"x6" granite with drill hole) | |
| □ | Catch Basin | ⊡ |
| | Utility Pole | |
| | Water Valve | |
| | Manhole | |
| | Fire Hydrant | |
| | 100W GROUND LIGHTING | ▶SB |
| | 250W HPS 25' H. SITE LIGHTING | SA |
| | FOOTING DRAIN | NFD (7/C4) |
| | CLEANOUT | C.O. (2/C4) |
| | UNDERGROUND ELECTRIC | NUE (5/C3) |
| D | STORM DRAIN | NSD (7/C3) |
| W | WATER MAIN/SERVICE | NW (10/C3) |
| | UNDERGROUND SECONDARY | NUS (6/C3) |
| | CLEARING LIMITS | C |

**REFERENCES**

(1) Plan of Depot Road, Falmouth, Maine, as redefined by the Commissioners of Cumberland County dated October 1954. Recorded in the Cumberland County Commissioners Office in Plan Book 6, Page 57.

(2) Plan of Lunt Road, Falmouth, Maine, as redefined by the Commissioners of Cumberland County dated June 4, 1954. Recorded in the Cumberland County Commissioners Office in Plan Book 6, Pages 46 and 47.

(3) Maine State Highway Commission Right of Way Map, State Highway "295", dated December 1967. Federal Aid Project No. LSI-295-3(1). SHC File No. 3-184, sheet 9 of 10. Recorded in Plan Book 88, Page 26.

(4) Site Plan prepared by Stevens Associates for 12 unit Elderly Housing Project on Depot Road, dated 10/1/75. Recorded in Plan Book 111, Page 8.

NOTES:

1. SEE NOTES R1 THROUGH R4 ON SHEET C0 FOR ADDITIONAL REMOVALS INFORMATION.
2. SEE NOTES L1 THROUGH L5 ON SHEET C0 FOR ADDITIONAL LAYOUT INFORMATION.
3. SEE NOTES E1 THROUGH U6 ON SHEET C0 FOR ADDITIONAL UTILITY INFORMATION.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| DESIGNER | RMF |
| DRAFTER | DHP |
| CHECKED BY | RMF |
| DATE: | |

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