

**CITY OF PORTLAND SITE PLAN NOTES**

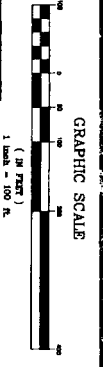
1. LANDSCAPING SHALL MEET THE LANDSCAPE DESIGN STANDARDS AND GUIDELINES.
2. THE BIRDS ARE TO BE MAINTAINED AND/OR REPLACED AS DIRECTED BY THE CITY OF PORTLAND. THE PLANNING AUTHORITY OR PLANNING BOARD SHALL BE REQUIRED FOR ANY ALTERATION TO OR DEVIATION FROM THE APPROVED SITE PLAN INCLUDING THE LOCATION OF BIRDS. THE APPROVED SITE PLAN INCLUDING THE LOCATION OF BIRDS LOCATED ON LAWN AREAS, ACCESS, SIZE, LOCATION AND SCHEDULING OF PARKING AREAS AND LOCATION AND SIZE OF BUILDING.
3. ALL POWERLINE UTILITIES SHALL BE UNDERGROUND.
4. SEWERAGE AND GARBAGE SHALL BE DESIGNED AND SHALL UTILIZE PIPES CONFORMANCE WITH THE CITY OF PORTLAND TECHNICAL AND DESIGN STANDARDS AND GUIDELINES.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DESIGNED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL HANDBOOK OF THE CITY OF PORTLAND AND THE EROSION AND SEDIMENT CONTROL STANDARDS AND GUIDELINES. THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE DESIGNED IN ACCORDANCE WITH THE CITY OF PORTLAND TECHNICAL AND DESIGN STANDARDS AND GUIDELINES.
6. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR RECONSTRUCTION.
7. ALL DISTURBED AREAS ON THE SITE NOT COVERED BY BUILDINGS OR PAVED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. RESTORATION SHALL BE REQUIRED BY BEST MANAGEMENT PRACTICES (BMP) PRIOR TO CONSTRUCTION. A RECONSTRUCTION SCHEDULE SHALL BE HELD COORDINATION PUBLIC WORKS REPRESENTATIVE AND OWNER TO REVIEW THE CONSTRUCTION SCHEDULE AND CRITICAL AREAS OF THE SITE. THE SCHEDULE SHALL BE A DETAILED CONSTRUCTION SCHEDULE TO THE ATTENDING CITY REPRESENTATIVE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL UTILITIES AND STRUCTURES ON THE PROPERTY AND TO PROTECT THEM FROM DAMAGE.
8. EROSION CONTROL MEASURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF PORTLAND TECHNICAL AND DESIGN STANDARDS AND GUIDELINES. THE EROSION CONTROL MEASURES SHALL BE DESIGNED IN ACCORDANCE WITH THE CITY OF PORTLAND TECHNICAL AND DESIGN STANDARDS AND GUIDELINES. THE EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY SITE EXCAVATION OR RECONSTRUCTION.
9. ALL DISTURBED AREAS ON THE SITE NOT COVERED BY BUILDINGS OR PAVED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. RESTORATION SHALL BE REQUIRED BY BEST MANAGEMENT PRACTICES (BMP) PRIOR TO CONSTRUCTION. A RECONSTRUCTION SCHEDULE SHALL BE HELD COORDINATION PUBLIC WORKS REPRESENTATIVE AND OWNER TO REVIEW THE CONSTRUCTION SCHEDULE AND CRITICAL AREAS OF THE SITE. THE SCHEDULE SHALL BE A DETAILED CONSTRUCTION SCHEDULE TO THE ATTENDING CITY REPRESENTATIVE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL UTILITIES AND STRUCTURES ON THE PROPERTY AND TO PROTECT THEM FROM DAMAGE.

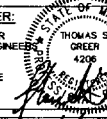
**ZONE INFORMATION**

RESIDENTIAL DISTRICT NO.	CONVENTIONAL USE	REQUIRED	PROVIDED
SPACE STANDARD	2 ACRES	NA	33 ACRES
MINIMUM LOT SIZE	NA	NA	NA
MINIMUM LOT AREA PER BUILDING UNIT	NA	NA	NA
MINIMUM STREET FRONTAGE	NA	NA	NA
MINIMUM FRONT YARD	25 FEET	25 FEET	500 FEET
MINIMUM REAR YARD	15 FEET	15 FEET	1400 FEET
MINIMUM SIDE YARD	6 FEET	6 FEET	25 FEET
MINIMUM LOT COVERAGE	35%	35%	35%
MINIMUM LOT WIDTH	65 FEET	65 FEET	250 FEET
MINIMUM BUILDING HEIGHT	35 FEET	35 FEET	35 FEET

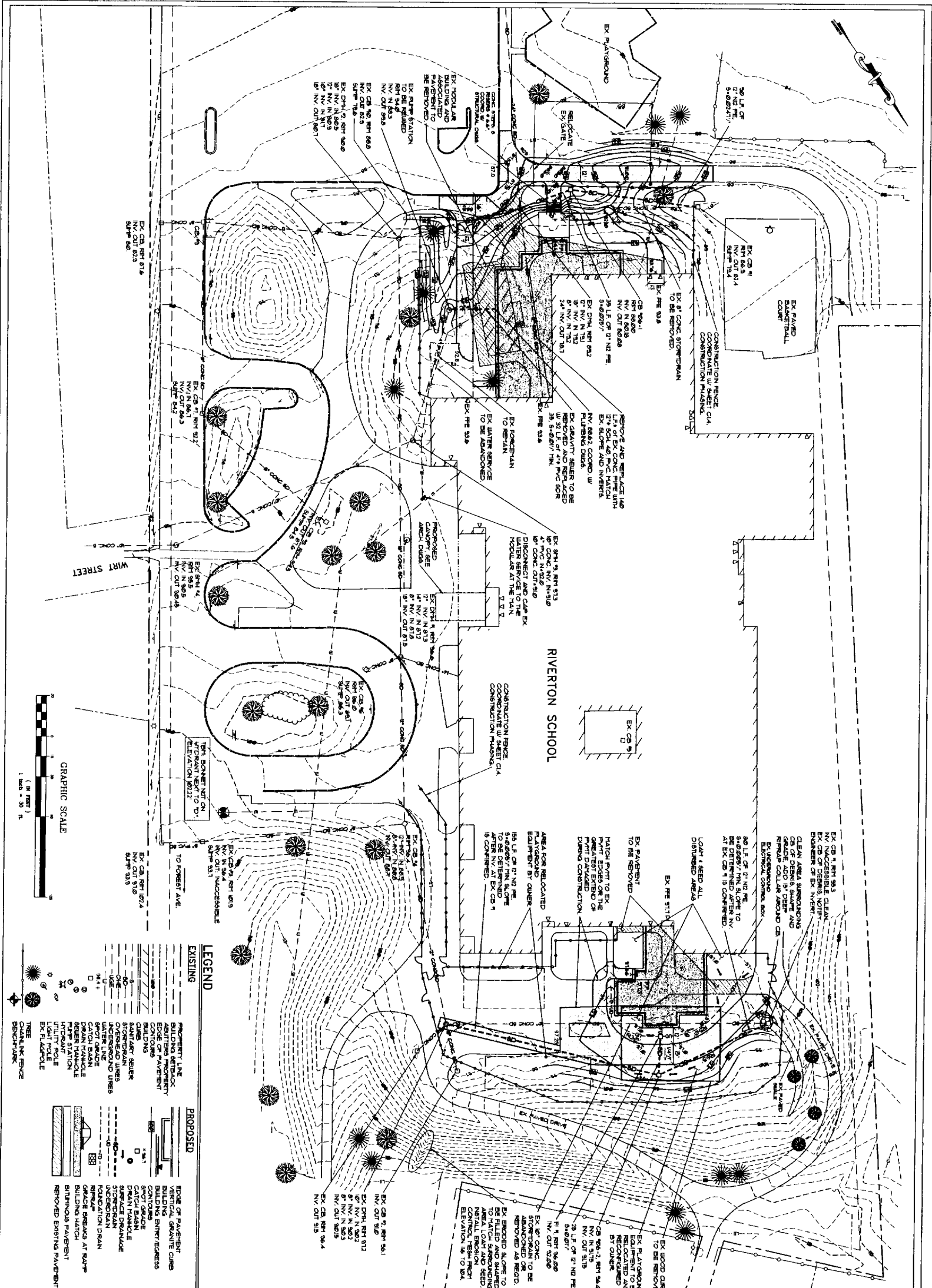
**GENERAL NOTES**

1. OWNER: PORTLAND PUBLIC SCHOOL DEPARTMENT, 33 VERANDA STREET, PORTLAND, ME.
2. BUSINESS THROUGH GREEN CONSULTING ENGINEERS, FALMOUTH, MAINE.
3. FOR ADDITIONAL INFORMATION PROVIDED BY THE GREEN ASSOCIATES, 133 GREAT ROAD, FALMOUTH, ME 04101, CONTACT: (207) 833-3333. THE GREEN ASSOCIATES IS A REGISTERED PROFESSIONAL ENGINEERING FIRM IN THE STATE OF MAINE. THE GREEN ASSOCIATES IS A REGISTERED PROFESSIONAL ENGINEERING FIRM IN THE STATE OF MAINE.
4. CALL DOG-BANE PRIOR TO CONSTRUCTION WORK. 1-800-DIG-BANE.
5. THIS APPROVAL IS DEMONSTRATED UPON AND LIMITED TO THE INFORMATION AND PLANS CONTAINED IN THE APPLICATION AND SUPPORTING DOCUMENTS SUBMITTED AND APPROVED BY THE CITY OF PORTLAND. ANY VARIATION FROM THE PLANS, INFORMATION AND BOARD EXCEPT FOR THE CHANGES WHICH THE DIRECTOR OF PLANNING AND ZONING MAY APPROVE.



DRAWING: <b>SITE PLAN</b> SCALE: As NOTED DATE: 5/9/06 PROJECT: 06426	REVISIONS:	<b>PROJECT:</b> RIVERTON ELEMENTARY SCHOOL / COMMUNITY CENTER ADDITIONS AND RENOVATIONS 1600 FOREST AVE. PORTLAND MAINE 04103	<b>OWNER:</b> CITY OF PORTLAND	<b>CIVIL ENGINEER:</b> PINKHAM & GREER CONSULTING ENGINEERS U.S. ROUTE ONE FALMOUTH, MAINE 207-781-5242 	<b>ARCHITECT:</b> SEMPLE & DRANE ARCHITECTS 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152 www.sempledrane.com
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C-1.1



**DRAWING:** PARTIAL SITE PLAN

**SCALE:** AS NOTED

**DATE:** 5/9/06

**PROJECT:** 05426

**REVISIONS:**

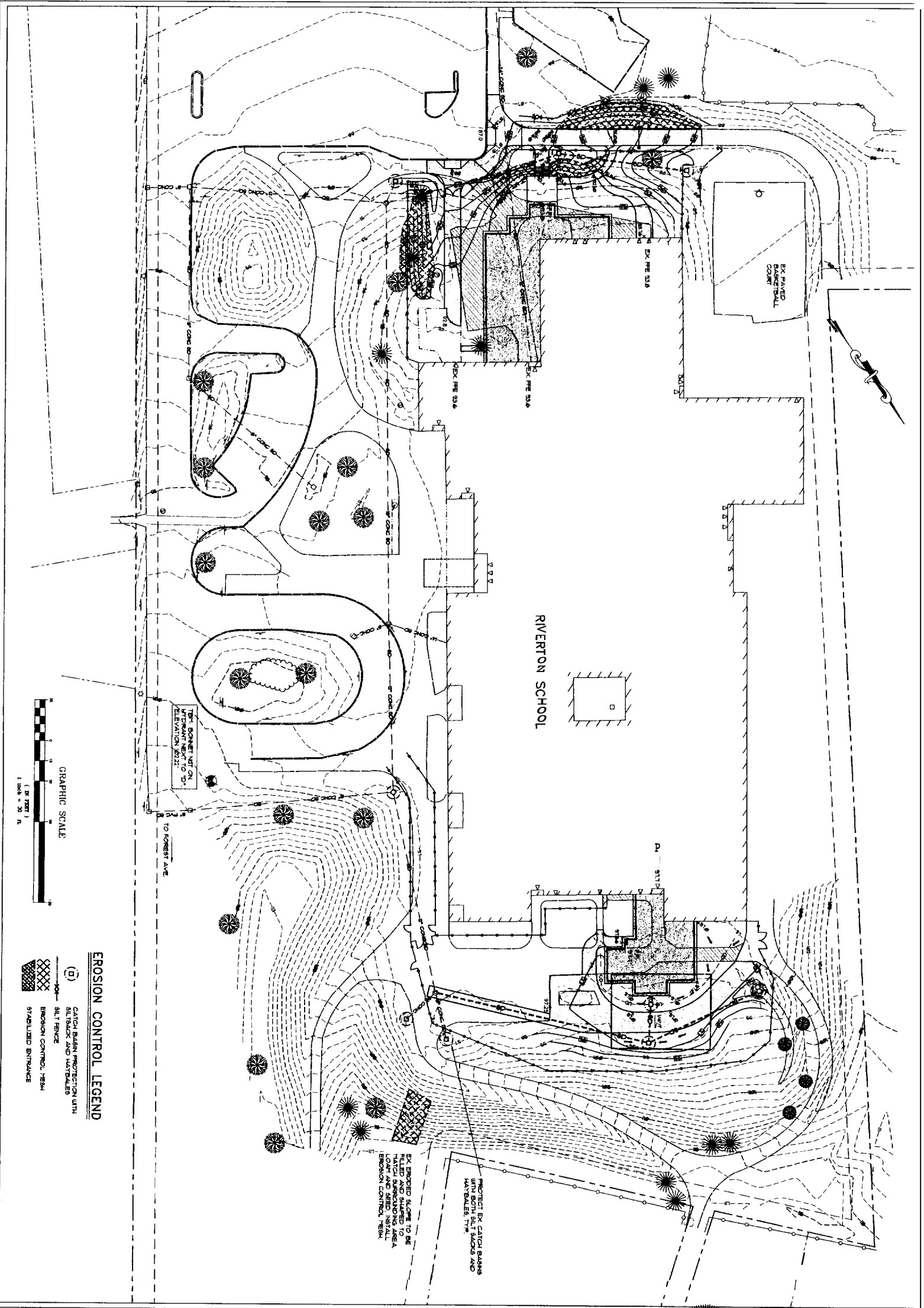
**PROJECT:** RIVERTON ELEMENTARY SCHOOL / COMMUNITY CENTER  
ADDITIONS AND RENOVATIONS  
1600 FOREST AVE. PORTLAND MAINE 04103

**OWNER:** CITY OF PORTLAND

**CIVIL ENGINEER:** THOMAS S. GREER  
PINKHAM & GREER  
CONSULTING ENGINEERS  
U.S. ROUTE ONE  
FAIRMOULT, MAINE  
207-791-5242

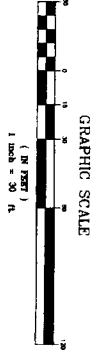
**ARCHITECT:** SEMPLE & DRANE ARCHITECTS  
496 CONGRESS STREET  
PORTLAND, MAINE 04101  
TEL: (207) 761-4231 FAX: 774-0152  
www.sempledrane.com

**SHEET:** C-112

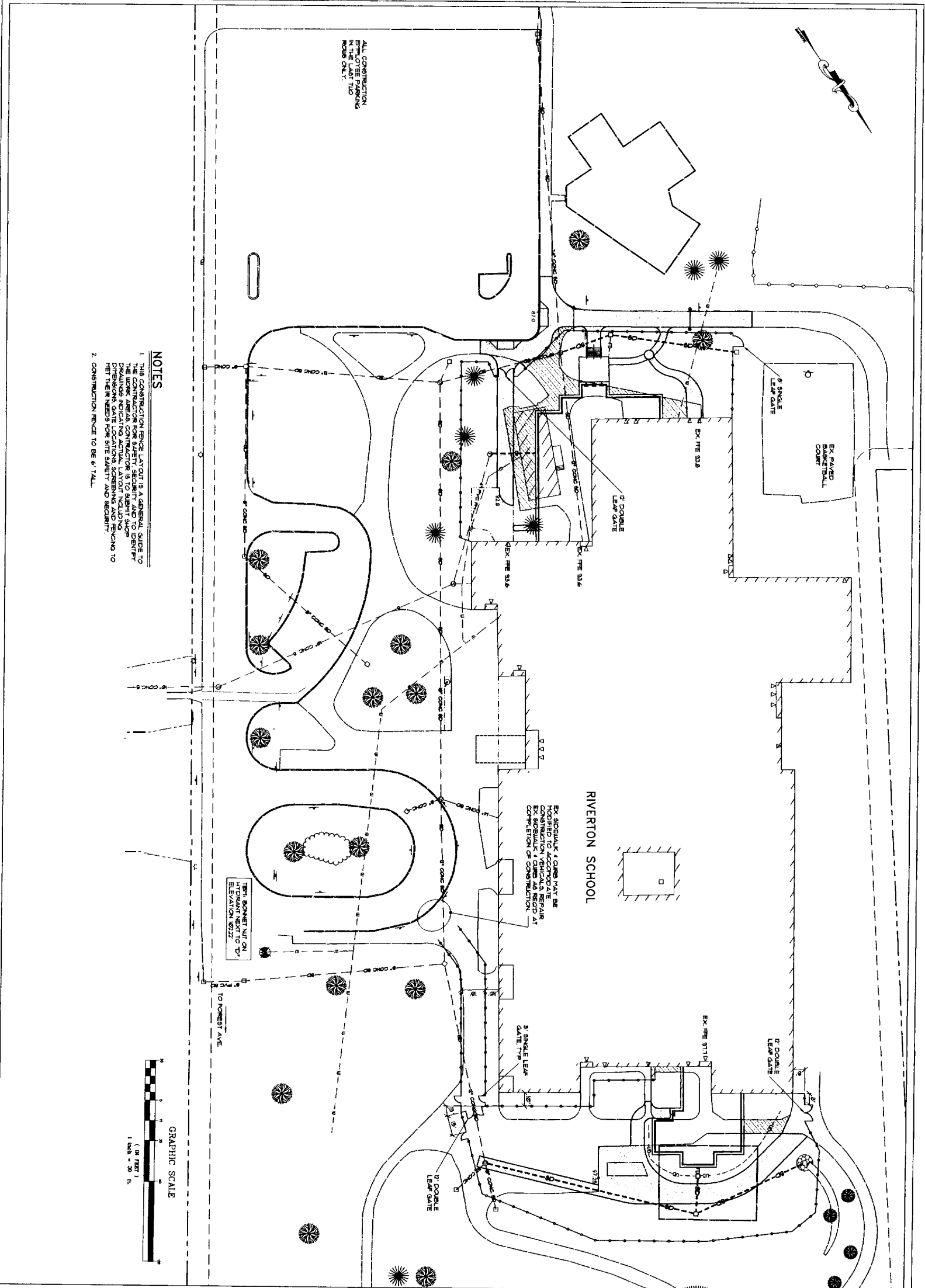


**EROSION CONTROL LEGEND**

- (D) CATCH BASIN PROTECTION WITH SLOTTED SCREENS AND HAYBALES
- SALT CRACK
- XXXXX EROSION CONTROL, VEGETATION
- ▨ STABILIZED ENTRANCE



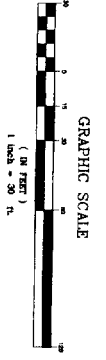
<b>C-1.3</b>	<b>DRAWING:</b> EROSION CONTROL PLAN	<b>PROJECT:</b> RIVERTON ELEMENTARY SCHOOL / COMMUNITY CENTER ADDITIONS AND RENOVATIONS 1600 FOREST AVE. PORTLAND MAINE 04103	<b>OWNER:</b> CITY OF PORTLAND	<b>CIVIL ENGINEER:</b> PINKHAM & GREER CONSULTING ENGINEERS U.S. ROUTE ONE FALMOUTH, MAINE 207-781-5242		<b>ARCHITECT:</b> SEMPLER & DRANE ARCHITECTS 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0162 www.sempdrane.com
	<b>SCALE:</b> AS NOTED <b>DATE:</b> 5/9/06 <b>PROJECT:</b> 05426	<b>REVISIONS:</b>				



**NOTES**

1. THE CONSTRUCTION FENCE LAYOUT IS A GENERAL GUIDE TO THE WORK AREAS. CONTRACTOR IS TO SUBMIT SHOP DRAWINGS INDICATING ACTUAL LAYOUT INCLUDING FENCE LAYOUT AND TO VERIFY THE FENCE LAYOUT WITH THE NEEDS FOR SITE SAFETY AND SECURITY.

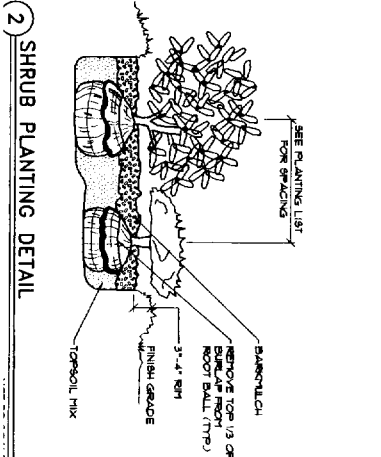
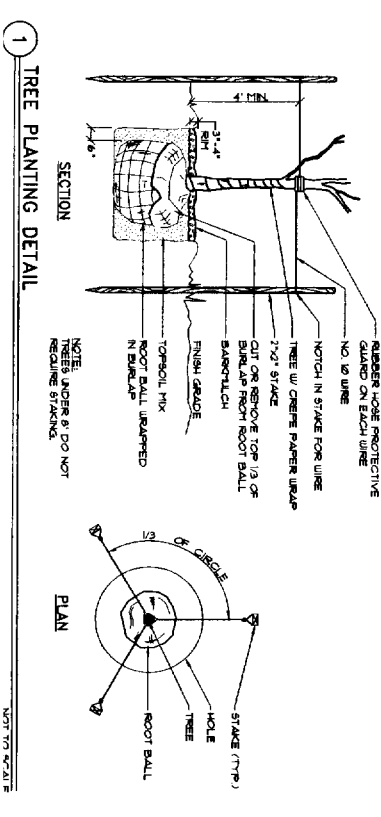
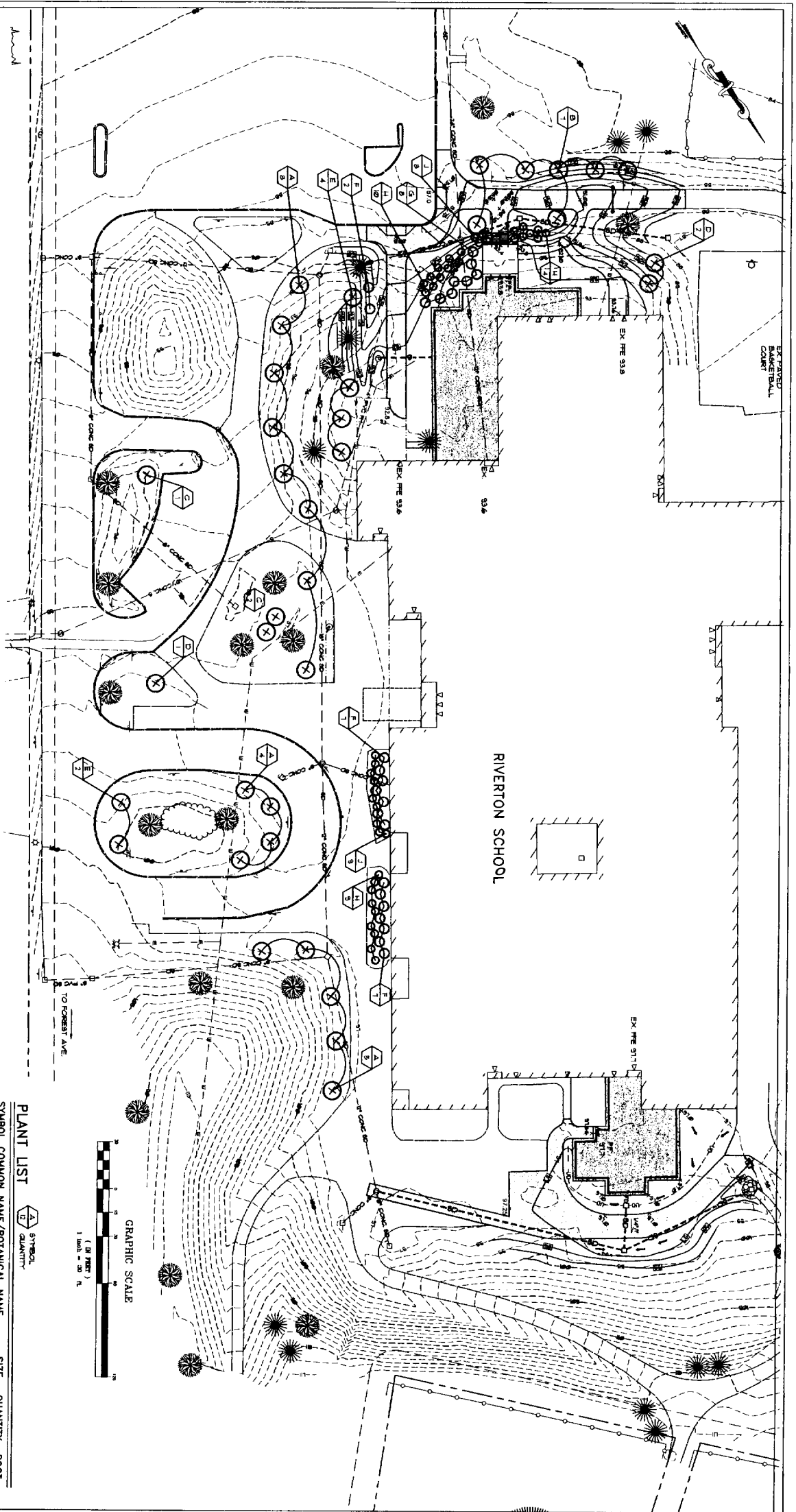
2. CONSTRUCTION FENCE TO BE 6' TALL.



<b>C-1.4</b> SHEET	<b>DRAWING:</b> <b>CONSTRUCTION PHASING</b>	<b>PROJECT:</b> <b>RIVERTON ELEMENTARY SCHOOL / COMMUNITY CENTER</b> <b>ADDITIONS AND RENOVATIONS</b> 1600 FOREST AVE PORTLAND MAINE 04103	<b>OWNER:</b> <b>CITY OF PORTLAND</b>	<b>CIVIL ENGINEER:</b> PIRHALLA & GREER CONSULTING ENGINEERS U.S. ROUTE ONE FALMOUTH, MAINE 207-781-5242	<b>ARCHITECT:</b> <b>SEMPLER &amp; DRANE ARCHITECTS</b> 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152 www.semplerdrane.com
	SCALE: AS NOTED DATE: 5/9/06 PROJECT: 05426				

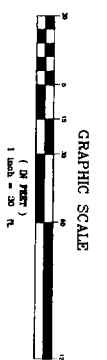


5/17/06

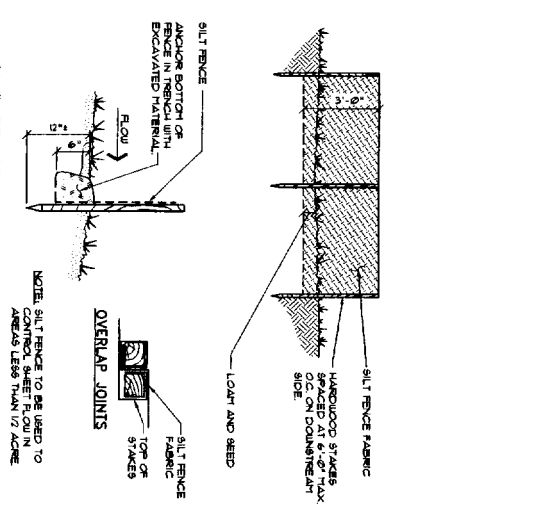


**PLANT LIST**

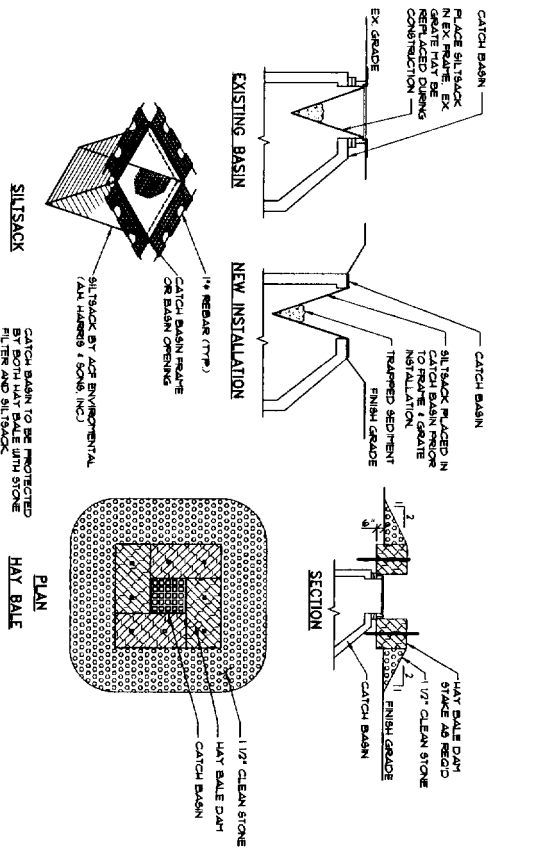
SYMBOL	COMMON NAME/BOTANICAL NAME	SIZE	QUANTITY	ROOT
A	GREEN ASH / <i>Fraxinus lanceolata</i> 'Summit'	2'-4"	11	B&B
B	PLANTING CRACK / <i>Asa. 'Speedy'</i>	1'-0" (all)	7	B&B
C	AUSTRIAN PINE / <i>Pinus nigra</i>	4'-9" (all)	3	B&B
D	WENTWORTH / <i>Thuja occidentalis</i> 'Canadian'	4'-9" (all)	3	B&B
E	NORWAY SPRUCE / <i>Picea abies</i>	4'-9" (all)	6	B&B
F	SHARPER / <i>Juniperus procumbens</i> 'Green Chamae'	16"-24" (all)	6	POTTED
G	SHARPER / <i>Juniperus procumbens</i> 'Green Chamae'	24"-36" (all)	8	POTTED
H	SPINULEA / <i>Spinesola procumbens</i>	16"-18" (all)	23	POTTED
J	HYDRANGEA / <i>Hydrangea macrophylla</i> 'Amabilis'	2'-3" (all)	11	POTTED



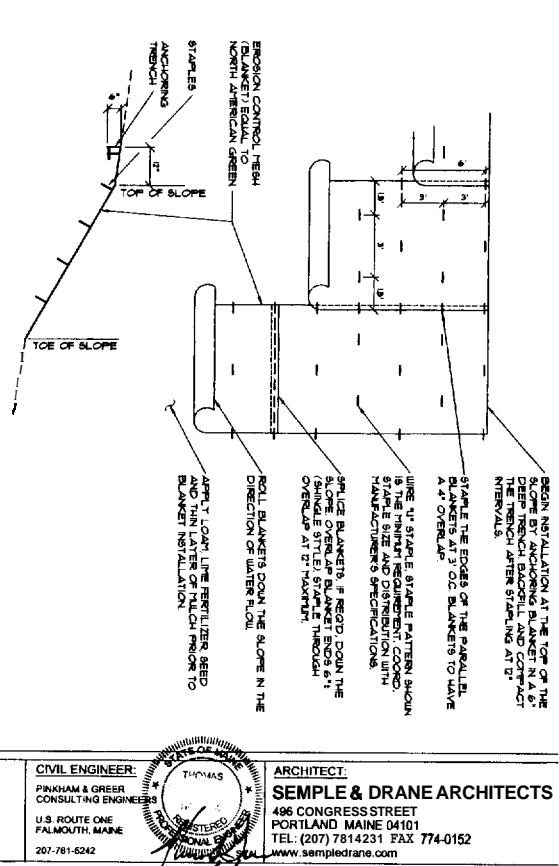
<b>C-1.5</b>	<b>DRAWING:</b> ALTERNATE 2 - LANDSCAPE	<b>PROJECT:</b> RIVERTON ELEMENTARY SCHOOL / COMMUNITY CENTER ADDITIONS AND RENOVATIONS 1600 FOREST AVE. PORTLAND MAINE 04103	<b>OWNER:</b> CITY OF PORTLAND	<b>CIVIL ENGINEER:</b> PINKHAM & GREER CONSULTING ENGINEERS U.S. ROUTE ONE FALMOUTH, MAINE 207-781-5242	<b>ARCHITECT:</b> <b>SEMPLE &amp; DRANE ARCHITECTS</b> 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 781-4231 FAX: 774-0152 www.sempledrane.com
	<b>SCALE:</b> AS NOTED <b>DATE:</b> 5/9/06 <b>PROJECT:</b> 05426	<b>REVISIONS:</b>			



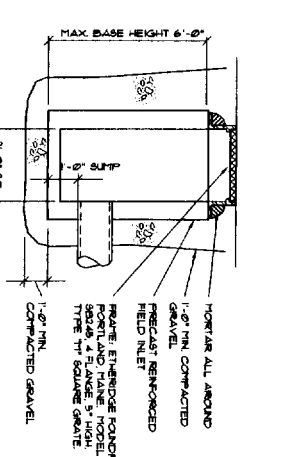
**3 SILT FENCE DETAIL**  
NOT TO SCALE



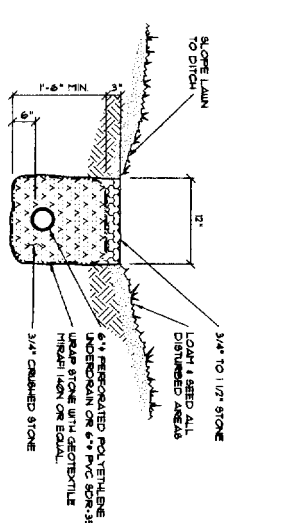
**2 CATCH BASIN PROTECTION**  
NOT TO SCALE



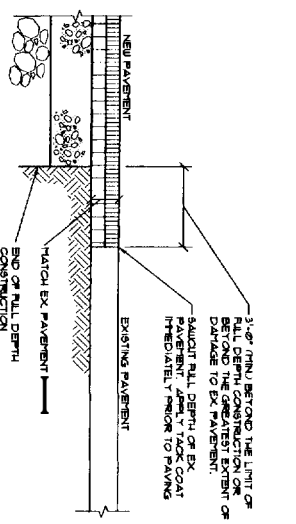
**EROSION CONTROL MESH INSTALLATION DETAIL**  
NOT TO SCALE



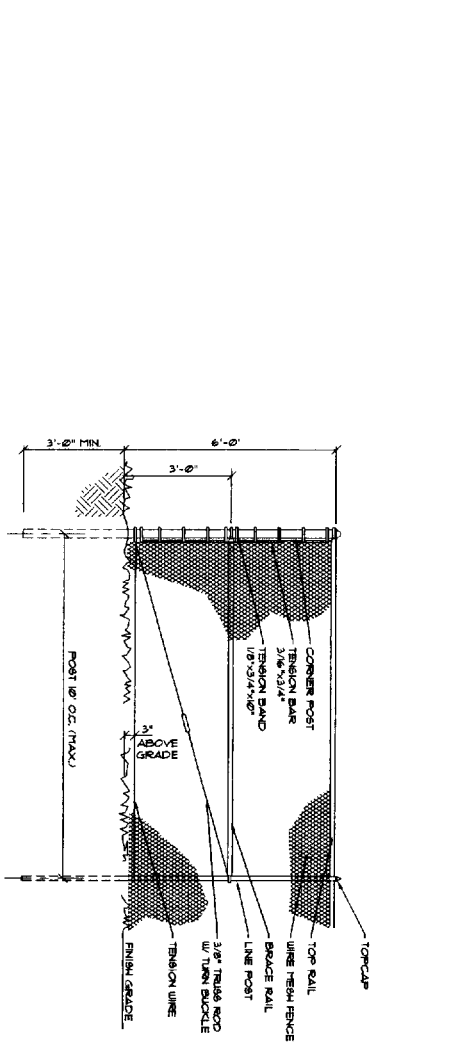
**6 FIELD INLET DETAIL**  
NOT TO SCALE



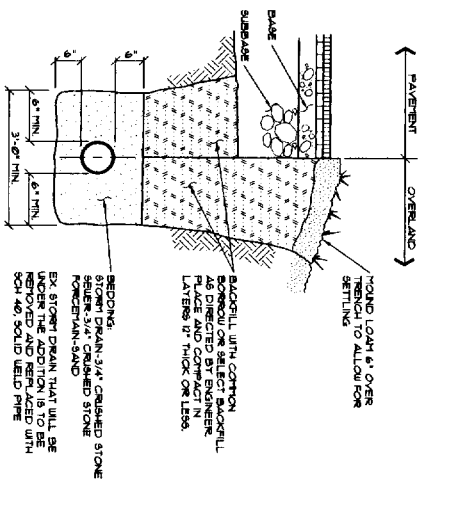
**5 UNDERDRAIN IN DITCH SECTION**  
NOT TO SCALE



**4 PAVEMENT CUTTING & MATCHING SECTION**  
NOT TO SCALE



**9 CHAINLINK FENCE DETAILS**  
NOT TO SCALE



**8 TYPICAL TRENCH SECTION**  
NOT TO SCALE

CONSTRUCTION	USE
1/4\"/>	BUILDING
2\"/>	ACCESS ROAD
3\"/>	PARKING LOT
1 - 1\"/>	BIOTINOLA
1\"/>	BIOTINOLA
1\"/>	CONCRETE PLAZA & SIDEWALKS
4\"/>	GRASS ALL DISTURBED AREAS
1/2\"/>	FLAT AREA PLAYGROUND
3\"/>	PLANT BED
3\"/>	BAROTUCH

**7 SCHEDULE OF SURFACE FINISHES**  
NOT TO SCALE

NOTES:  
1. HPA - HOT MIX ASPHALT.  
2. ALL COURSE THICKNESS AFTER FINAL COMPACTATION.

- REFERENCE DIVISION 5 FOR CONCRETE STRENGTH REQUIREMENTS AT 28 DAYS PER CAST TYPE.
- ALL INTERIOR SLABS ON GRADE SHALL BE REINFORCED WITH #3 BARS AT 18" O.C. ALL SLABS ON GRADE SHALL BE REINFORCED WITH #4 BARS AT 18" O.C. UNLESS OTHERWISE NOTED.
- FOUNDATION WALL CONTROL JOINTS SHALL BE PLACED AT A MAXIMUM SPACING OF 60'-0" ALONG FOUNDATION WALL CONTROL JOINTS WITH EXTENSION MASONRY VENEER JOINTS.
- SLAB ON GRADE CONTROL JOINTS SHALL BE PLACED AS SHOWN ON THE FOUNDATION PLAN. CONTROL SLAB CONTROL JOINTS SHALL BE PLACED AT THE COMPLETION OF THE PROJECT.
- CONTRACTOR SHALL CHECK WITH ALL TRADERS TO ASSURE CORRECT LOCATION, SIZE, LINE AND ELEVATION OF ALL STEEL, BRONZE, ETC. REQUIRED FOR CONSTRUCTION AND WALLS.
- ALL INTERSECTING CONCRETE WALLS SHALL BE TIED WITH #4 BARS 3'-0" LONG (BENT 1" - 90°), SPACED AT 12" O.C. OUTSIDE FACE ONLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR FLOOR DRUM SETTING FOR ELEVATION AND PLUMBNESS TO ASSURE COMPLETE AREA VENTILATION.
- ALL FOOTINGS SHALL BEAR ON VERMILION SOIL OR STRUCTURAL BORERILL COMPACTED TO A VERMILION SOIL STANDARD DENSITY.
- ALL REINFORCEMENT EQUIPMENT SETTING ON THE CONCRETE FLOOR SLAB SHALL HAVE A 4" HIGH CONCRETE PAD UNDERNEATH REINFORCED WITH #4 BARS AT 18" O.C. EACH WAY.
- ALL STRUCTURAL STEEL BELOW FINISH FLOOR SHALL RECEIVE 10 COATS OF STAINLESS INVAUSTO.
- ADAPTIVES CONTAINING CALCIUM CHLORIDE SHALL NOT BE USED. CONCRETE SHALL NOT BE IN DIRECT CONTACT WITH ALUMINUM.
- PROVIDE IN ALL SLABS ON GRADE (I) BARS 4" LONG AT EACH REINFORCEMENT CORNER AND BOTH SIDES OF DOOR OPENINGS.
- FOUNDATION WALL REINFORCING SHALL BE ADJUSTED AS REQUIRED NOT TO INTERFERE WITH BASE PLATE ANCHOR BOLTS.
- REFER TO ALL LATEST EDITIONS FOR MINIMUM CONCRETE COVER FOR REINFORCING STEEL.
- UNLESS OTHERWISE NOTED, REINFORCING LAP SPICES SHALL BE A2 CLASS B SPICES USING THE FOLLOWING LAP LENGTHS:
 

BAR SIZE	3	4	5	6	7	8	9	10	11
LAP (in)	14	19	23	28	30	43	48	62	74
- COORDINATE SLAB DEPRESSIONS WITH ARCHITECTURAL DRAWINGS.
- SMALL-DIAMETER ANCHOR BOLTS OR BRASS CONEVALS SHALL BE INSTALLED AS FOLLOWS:
  - LOCATE ANCHOR BOLTS ON DIMS TO AVOID CUTTING EXISTING MEMENTA.
  - DEPTH IS BASED ON A CLEAN HOLE WITH ROUGH SIZES. ROTARY PERCUSSION EQUIPMENT AND COURSE ROCK CUTTING CHISELS ARE RECOMMENDED. DAMAGED CORE BITS SHOULD BE AVOIDED. REPLACEMENT LENGTHS MAY NEED TO BE INCREASED. HOLE SIZE TO BE PER ARCHITECT'S RECOMMENDATIONS.

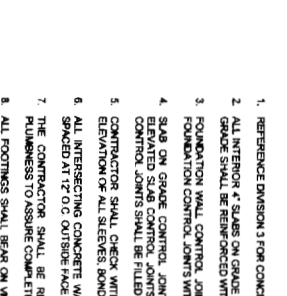
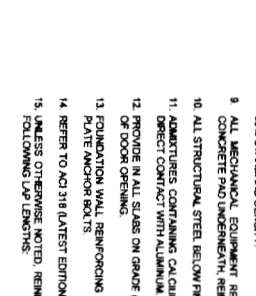
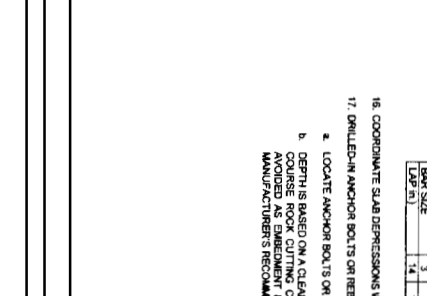
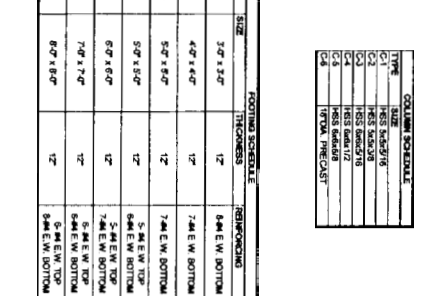
**FOUNDATION WALL REINFORCING SCHEDULE**

ITEM	TYPE	THICKNESS
F-1	12"	5/8" x 3/8"
F-2	12"	5/8" x 3/8"
F-3	12"	5/8" x 3/8"
F-4	12"	5/8" x 3/8"
F-5	12"	5/8" x 3/8"
F-6	12"	5/8" x 3/8"
F-7	12"	5/8" x 3/8"

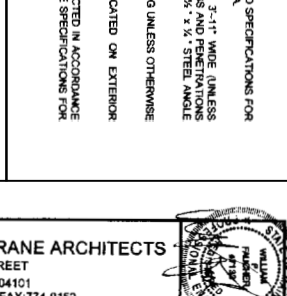
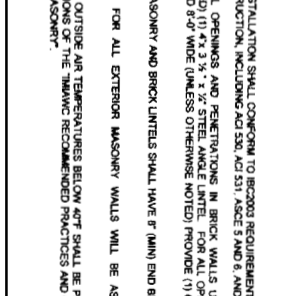
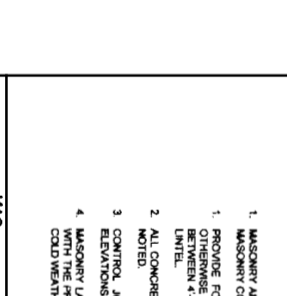
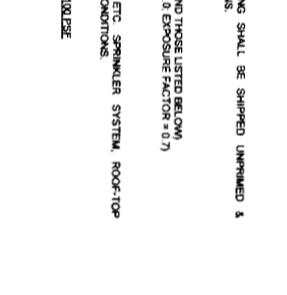
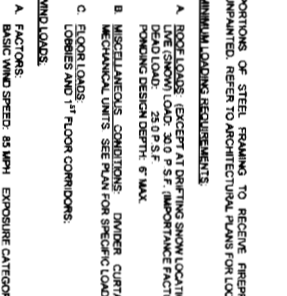
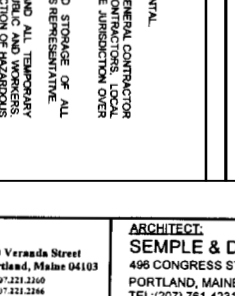
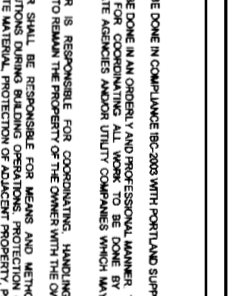
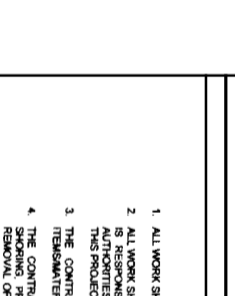
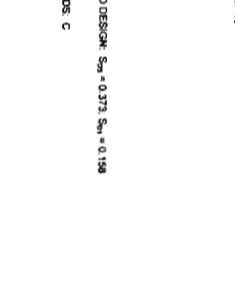
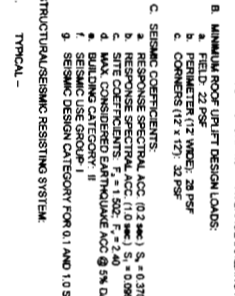
  

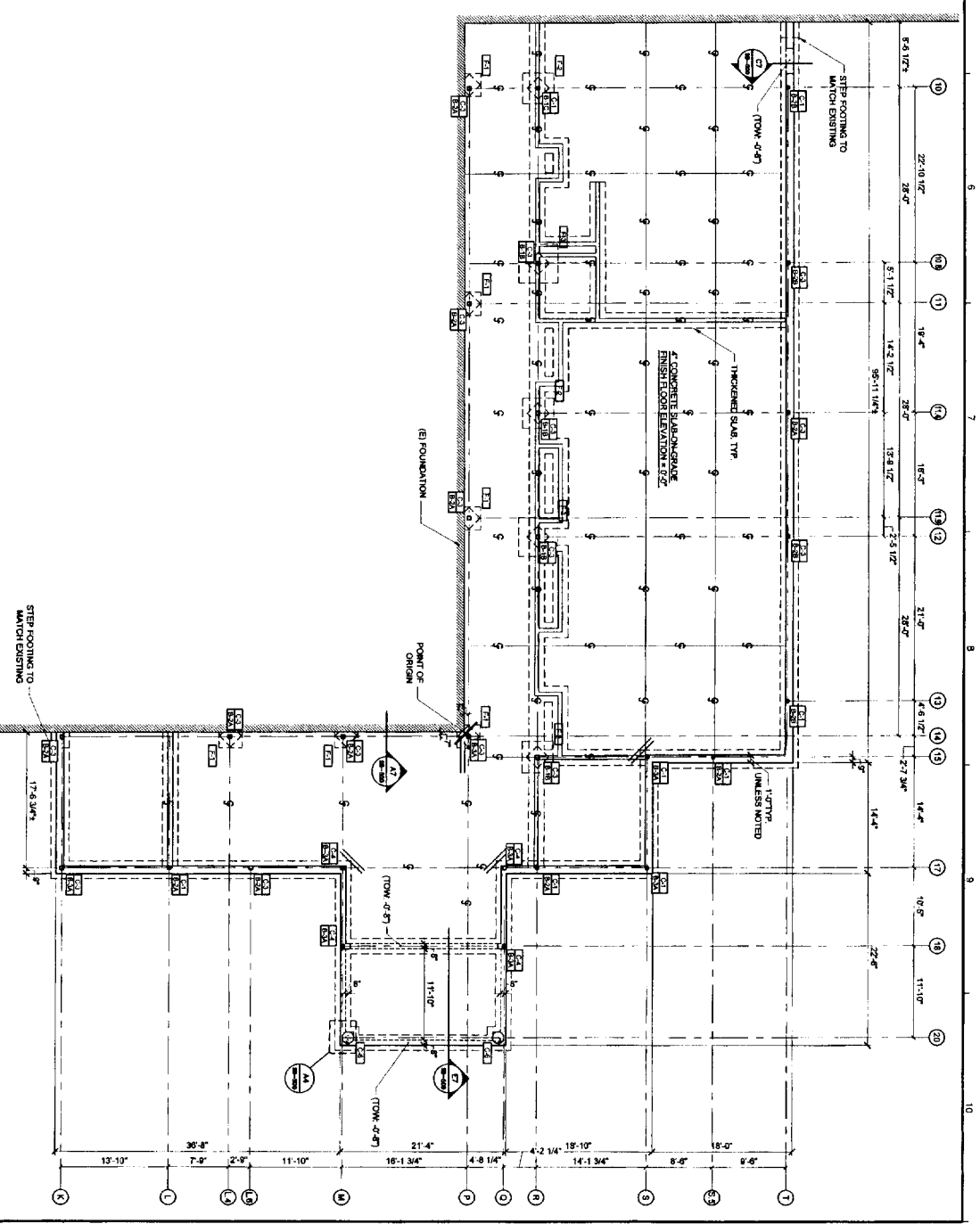
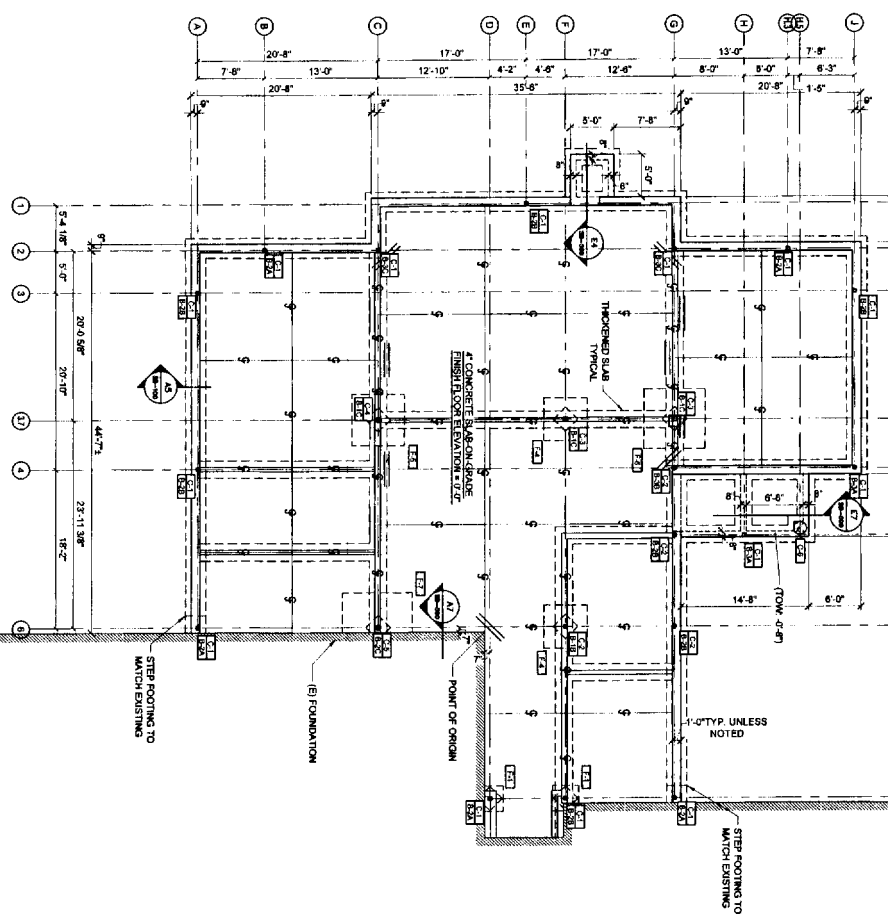
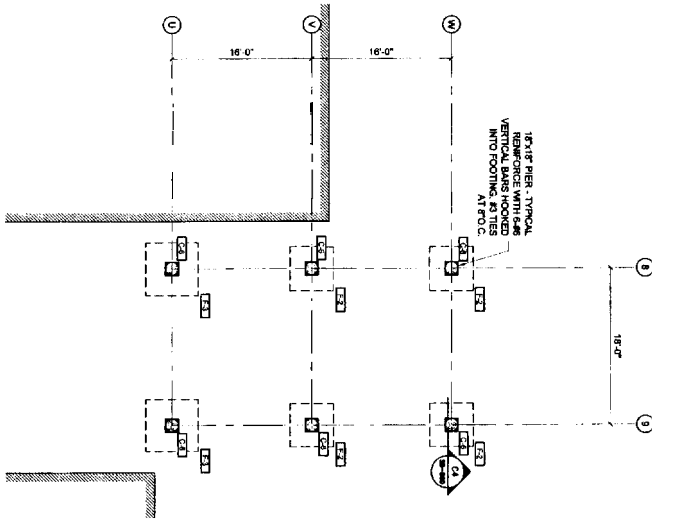
**FOUNDATION WALL REINFORCING SCHEDULE**

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F-2	12"	5/8" x 3/8"
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F-4	12"	5/8" x 3/8"
F-5	12"	5/8" x 3/8"
F-6	12"	5/8" x 3/8"
F-7	12"	5/8" x 3/8"



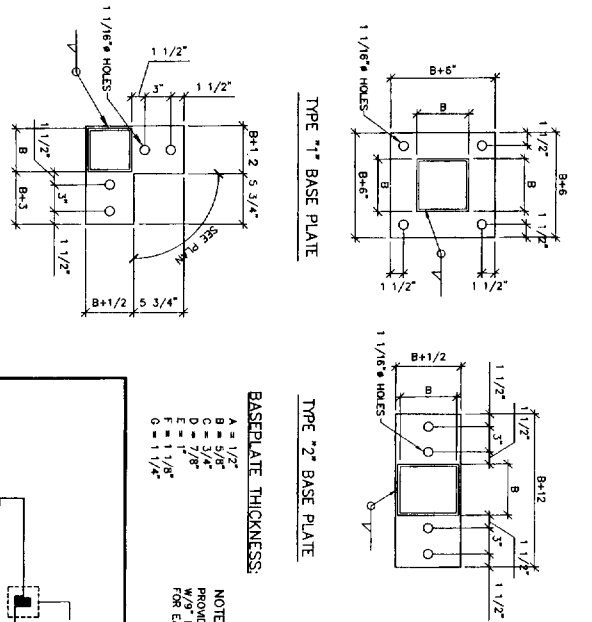
- PARTIONS OF STEEL FRAMING TO RECEIVE PREPENDING SHALL BE SHIPPED UNPURRED & UNPAINTED. REFER TO ARCHITECTURAL PLANS FOR LOCATIONS.
- MINIMUM LOADING REQUIREMENTS**
  - ROOF LOADS (EXCEPT AT DRIFTING SNOW LOCATIONS AND THOSE LISTED BELOW):
    - DIVISION 5, SECTION 05 52.00 1.0 UNIFORM DEAD LOAD (U.D.L.)
    - DIVISION 5, SECTION 05 52.00 2.0 UNIFORM LIVE LOAD (U.L.L.)
    - DIVISION 5, SECTION 05 52.00 3.0 POINT LOADS (P.L.)
  - MECHANICAL UNITS: SEE PLAN FOR SPECIFIC LOADING CONDITIONS.
  - FLOOR LOADS:
    - LIVE LOADS: 1.0 PSF
    - MECHANICAL UNITS: SEE PLAN FOR SPECIFIC LOADING CONDITIONS.
  - WIND LOADS:
    - A. FACTORS:
      - BASIC WIND SPEED: 80 MPH EXPOSURE CATEGORY 'B'
      - IMPORTANCE FACTOR: 1.0 AVERAGE BUILDING HEIGHT: 16'
    - B. MINIMUM ROOF UPLIFT DESIGN LOADS:
      - FIELD: 22 PSF
      - PERIMETER (12" WIDE): 28 PSF
      - CORNERS (12" x 12"): 32 PSF
    - C. SEISMIC COEFFICIENTS:
      - A. RESPONSE SPECTRAL ACC. (0.2 SEC): S<sub>v</sub> = 0.310g
      - B. RESPONSE SPECTRAL ACC. (0.5 SEC): S<sub>v</sub> = 0.260g
      - C. SITE COEFFICIENTS: F<sub>1</sub> = 1.00Z; F<sub>2</sub> = 1.0; F<sub>3</sub> = 0.833g
      - D. MAX. CONSIDERED EARTHQUAKE ACC. @ 5% DAMPED DESIGN: S<sub>ds</sub> = 0.37Z; S<sub>u</sub> = 0.15g
      - E. BUILDING CATEGORY: II
      - F. BUILDING SYSTEM: SEE PLAN
      - G. SEISMIC DESIGN CATEGORY: FOR 0.1 AND 1.0 SECONDS: C
    - STRUCTURAL SEISMIC RESISTING SYSTEM:
      - 1. TYPICAL -
        - A. ORDINARY STEEL MOMENT FRAME:
          - a. RESPONSE MODIFICATION FACTOR (R) = 3.0
          - b. DESIGN HORIZONTAL FORCE FACTOR (C<sub>d</sub>) = 3.0
        - 2. ALL STRUCTURAL STEEL BEAMS, COLUMNS SHALL CONFORM TO ASTM SPEC. F-1508 ALL STEEL TUBE ANALOGS SHALL CONFORM TO ASTM SPEC. K-1020. ALL MISCELLANEOUS PLATES, SHAVES AND ETC. SHALL CONFORM TO ASTM SPEC. A36.
        - 3. ALL STEEL JOIST SHALL CONFORM TO THE LATEST S.I.I. STANDARDS.
        - 4. ALL STRUCTURAL WOOD TO CONFORM TO THE LATEST NDS STANDARDS.
        - 5. ALL ARCHITECTURAL WALL SECTIONS AND DETAILS FOR MISCELLANEOUS STEEL.





D5 FOUNDATION PLAN - COMMUNITY WING  
1/8" = 1'-0"

- FOUNDATION PLAN NOTES:**
1. [C] INDICATES COLUMN TYPE - SEE DRAWING SF-100 FOR SCHEDULE.
  2. [F] INDICATES FOOTING TYPE - SEE DRAWING SB-100 FOR SCHEDULE.
  3. PERIMETER FOUNDATION, TOP OF WALL (T.O.W.) ELEVATION = 0'-0" UNLESS NOTED OTHERWISE (U.N.O.).
  4. FINISHED FLOOR ELEVATION = 0'-0" (U.N.O.).
  5. ANTERIOR COLUMN SPREAD FOOTINGS: TOP OF FOOTING (T.O.F.) ELEVATION = (-1'-4") (U.N.O.).
  6. BOTTOM OF EXTERIOR WALL FOOTING TO BE 4'-0" MINIMUM BELOW EXTERIOR FINISHED GRADE ELEVATION. PROVIDE STEPS IN FOOTING AS REQUIRED. SEE DETAIL ON S-000.
  7. MINIMUM WALL REINFORCING SCHEDULE TO BE USED WHEN REINFORCING IS NOT INDICATED OTHERWISE ON PLANS.



**NOTE:**  
PROVIDE (A) 3/4" ANCHOR BOLTS FOR EACH BASE PLATE.  
FOR EACH BASE PLATE.

AS TYPICAL FOUNDATION WALL DETAIL

AB KEY PLAN

**SB-100**  
DRAWING: FOUNDATION PART PLANS  
SCALE: AS NOTED  
CAD FILE: 060145B.DWG  
DATE: 05/06/05

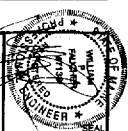
REVISIONS:

**PROJECT:**  
RIVERTON EXPANSION AND RENOVATION PROJECT  
1600 FOREST AVE. PORTLAND, ME. 04103

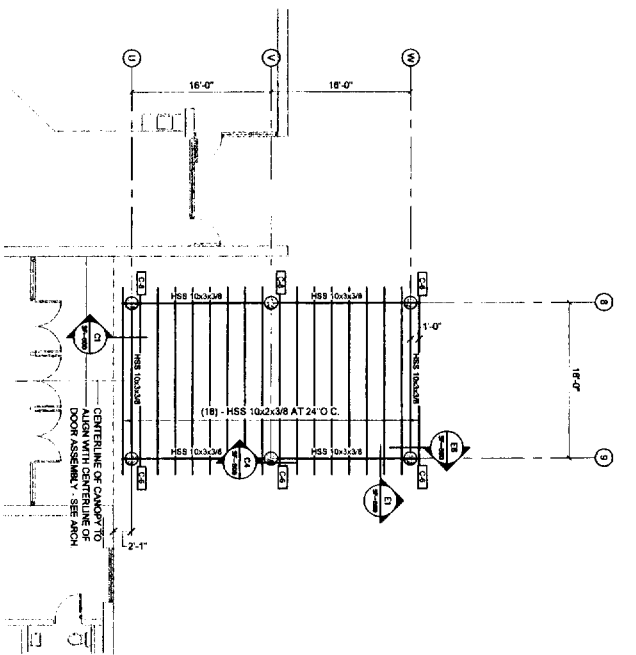
**OWNER:**  
CITY OF PORTLAND

**ENGINEERING:**  
Allied Engineering  
160 Veranda Street  
Portland, Maine 04103  
TEL: (207) 781-2166  
F: (207) 781-2166  
Web: www.allied-eng.com

**ARCHITECT:**  
SEMPL & DRANE ARCHITECTS  
496 CONGRESS STREET  
PORTLAND, MAINE 04101  
TEL: (207) 781-4231 FAX: 774-0152  
SDA@sempledrane.com

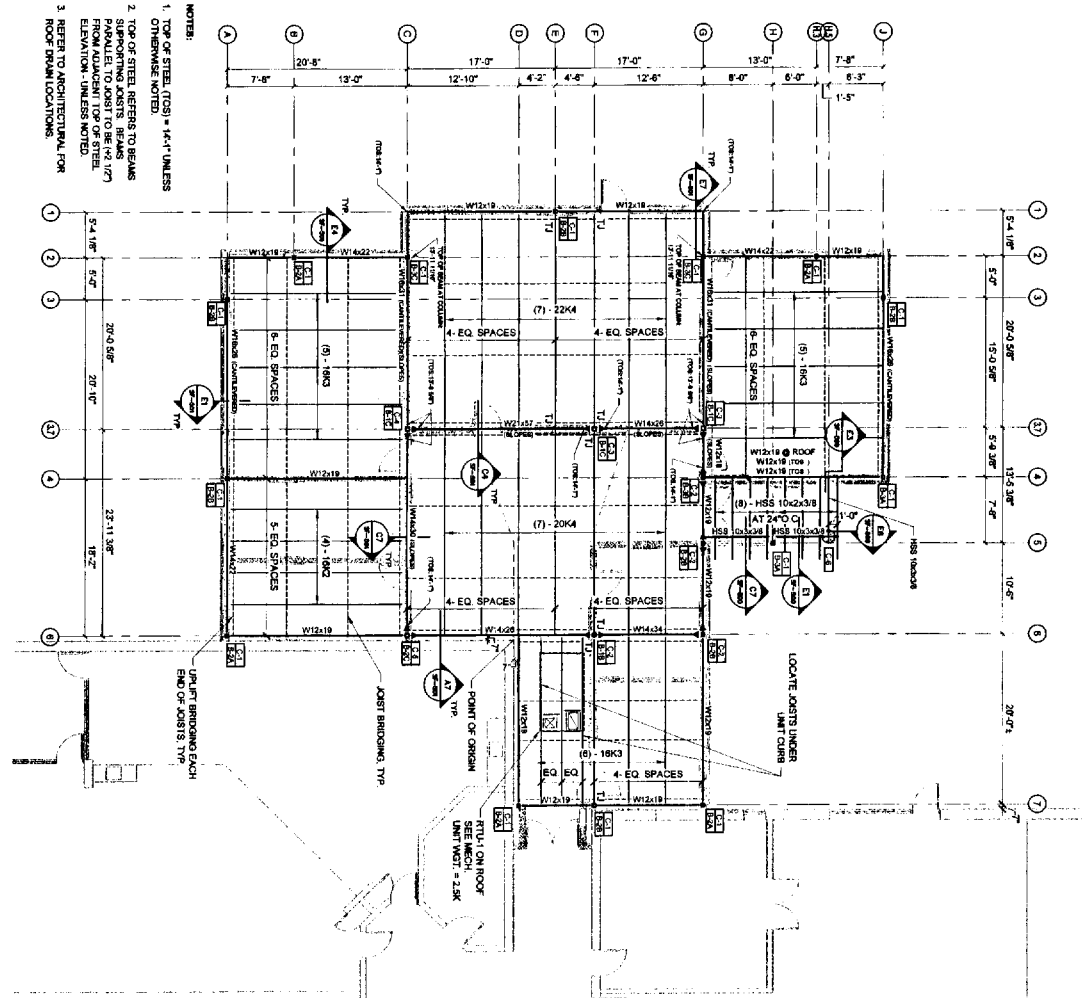






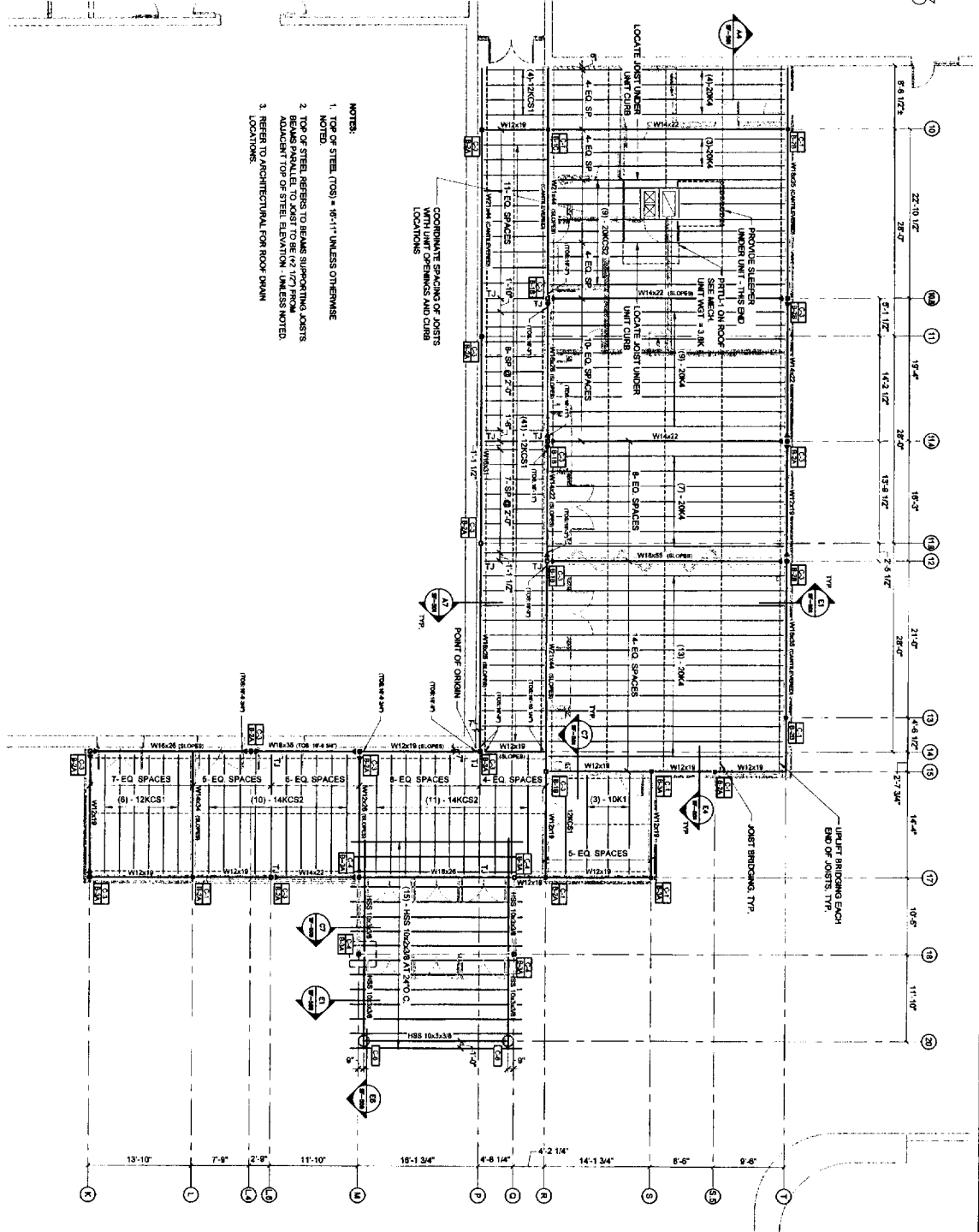
F1 ROOF FRAMING PLAN - ENTRY CANOPY

1/8" = 1'-0"



A1 ROOF FRAMING PLAN - CLASSROOM WING

1/8" = 1'-0"

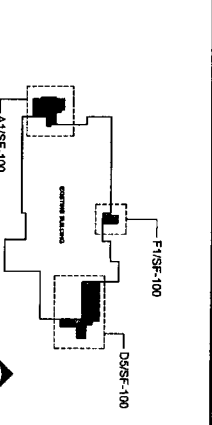


D5 ROOF FRAMING PLAN - COMMUNITY WING

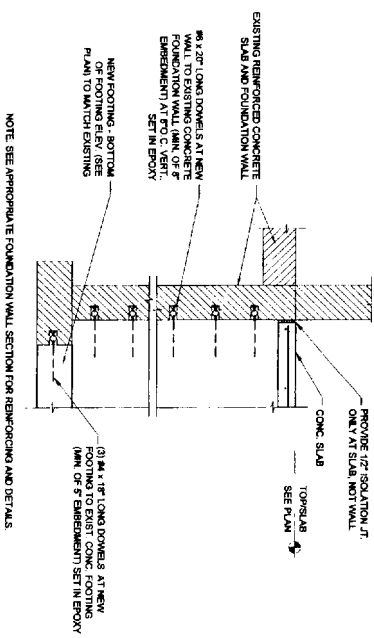
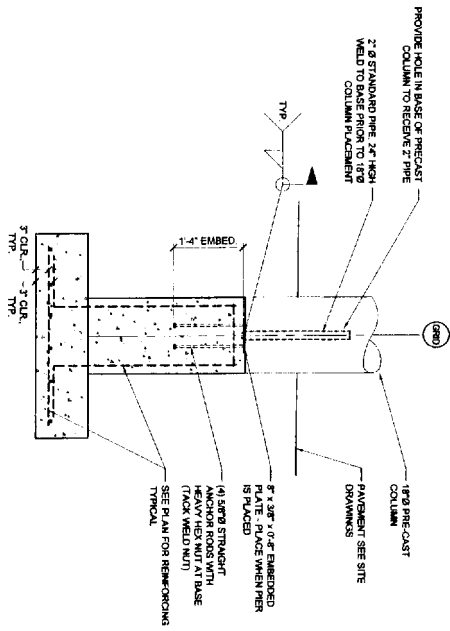
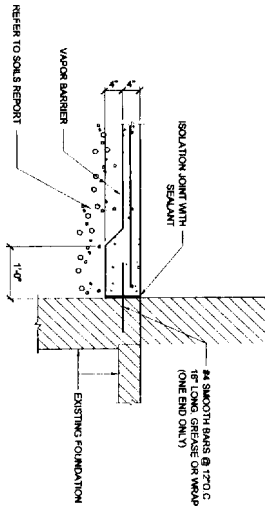
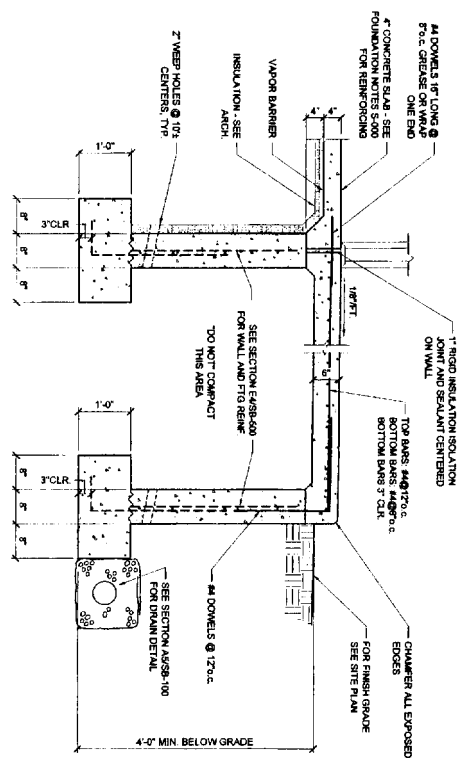
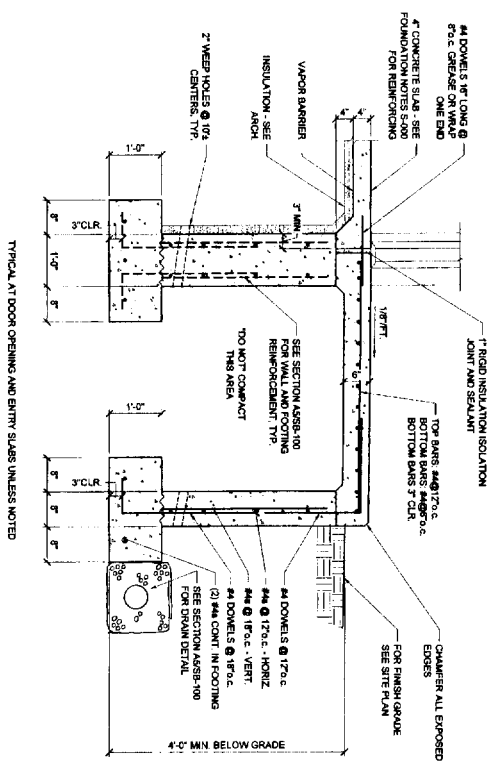
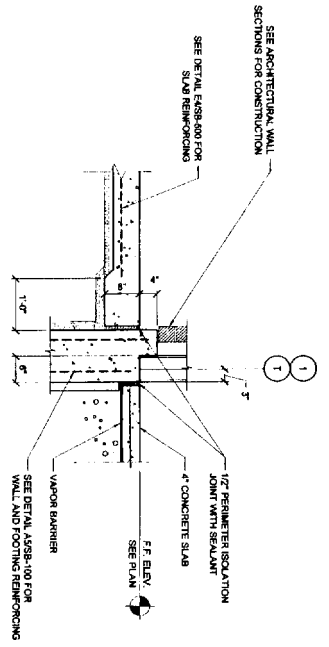
1/8" = 1'-0"

- NOTES:
1. TOP OF STEEL JOIST = 4'-11" UNLESS OTHERWISE NOTED
  2. TOP OF STEEL BEAMS TO BEAMS SUPPORTING JOISTS BEAMS PARALLEL TO JOIST TO BE (4) 12" FROM JOIST UNLESS NOTED
  3. REFER TO ARCHITECTURAL FOR ROOF STRAIN LOCATIONS

- NOTES:
1. TOP OF STEEL JOIST = 4'-11" UNLESS OTHERWISE NOTED
  2. TOP OF STEEL BEAMS TO BEAMS SUPPORTING JOISTS BEAMS PARALLEL TO JOIST TO BE (4) 12" FROM JOIST UNLESS NOTED
  3. REFER TO ARCHITECTURAL FOR ROOF STRAIN LOCATIONS



A9 KEY PLAN

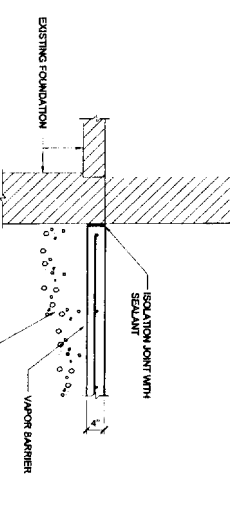
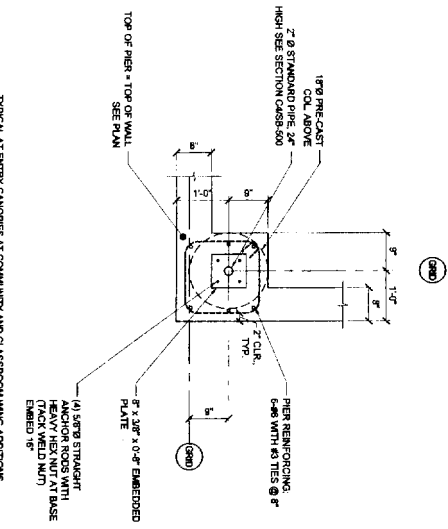
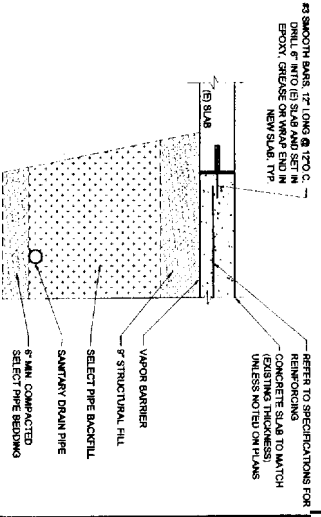


C1 TYPICAL DETAIL AT DOORS

STRUCTURAL FILL	
4 INCH	PERCENT FINER 100
1/2 INCH	35 TO 70
1/4 INCH	25 TO 60
NO. 40	0 TO 25
NO. 200	0 TO 5

SELECT PIPE BACKFILL	
3/8\"/>	

SELECT PIPE BEDDING	
1 INCH	PERCENT FINER 100
3/4 INCH	90 TO 100
1/4 INCH	25 TO 55
NO. 4	0 TO 10
NO. 10	0 TO 5



FOUNDATION DETAILS

REVISIONS:

PROJECT:

RIVERTON EXPANSION AND RENOVATION PROJECT

1600 FOREST AVE. PORTLAND, ME. 04103

OWNER:

CITY OF PORTLAND

ENGINEERING:

Allied Engineering  
160 Veranda Street  
Portland, Maine 04103  
TEL: 207.221.2160  
FAX: 207.221.2166  
WWW: www.allied-eng.com

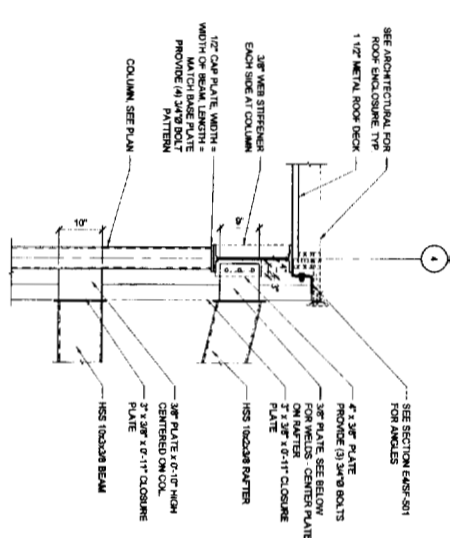
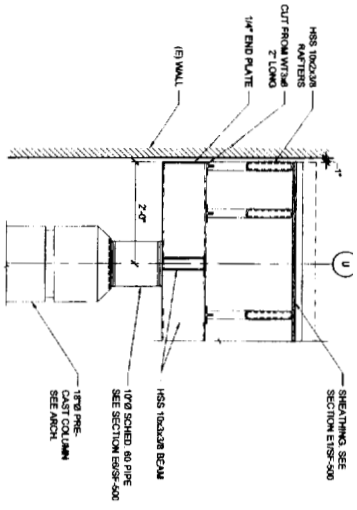
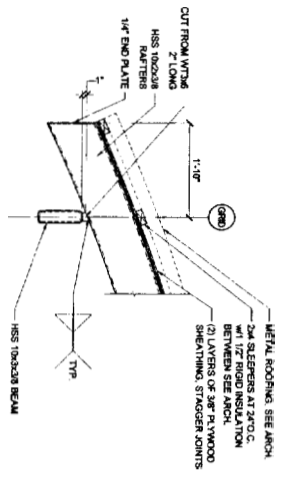
ARCHITECT:

SEMPLÉ & DRANE ARCHITECTS  
495 CONGRESS STREET  
PORTLAND, MAINE 04101  
TEL: (207) 761-4231 FAX: 774-0152  
SDA@sempledrane.com

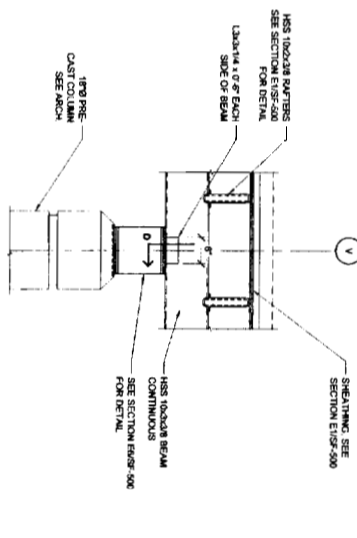


SB-500

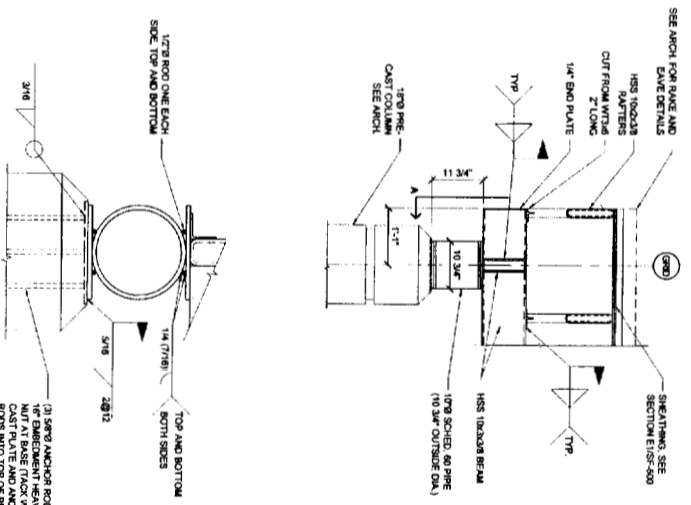
DRAWING: FOUNDATION DETAILS  
SCALE: AS NOTED  
CAD FILE: 06010458-01LS.DWG  
DATE: 05/23/06



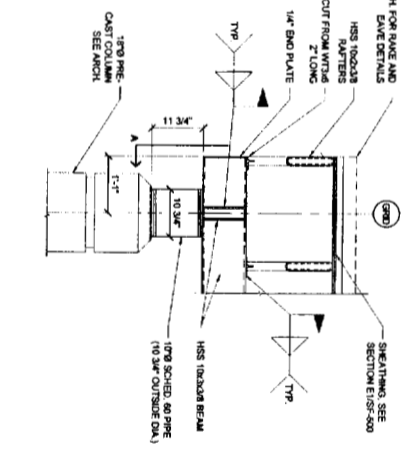
NOTE: CANOPY SHEATHING/ROOFING NOT SHOWN FOR CLARITY - SEE SECTION E1/SF-500 FOR SHEATHING AND ARCH DRAWINGS FOR ROOFING FINISHES



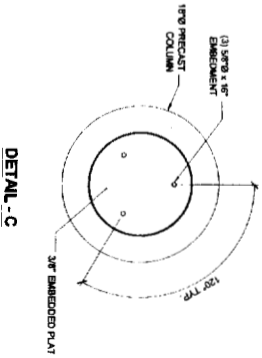
TYPICAL AT COLUMN LINES 8 AND 9



DETAIL - B



DETAIL - A



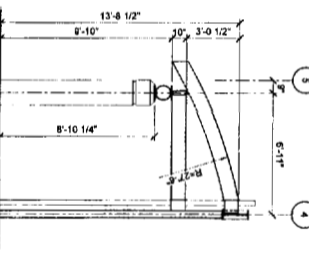
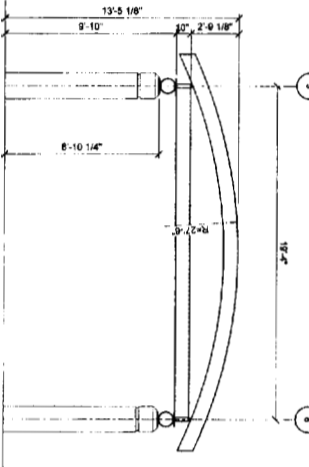
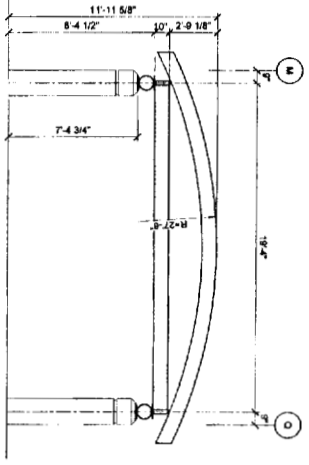
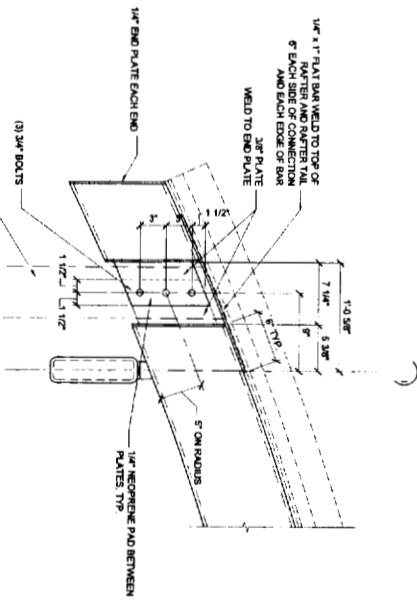
DETAIL - C

E8 CANOPY DETAIL

3/4" = 1'-0"

C7 CANOPY DETAIL

1 1/2" = 1'-0"



A7 CANOPY DETAIL - PLAN VIEW

1 1/2" = 1'-0"

SIMILAR OPPOSITE HANDLINE Q AND AT CLASSROOM WING ENTRY CANOPY COLUMN H-5

STRUCTURAL DETAILS

DRAWING SCALE: AS NOTED CAD FILE: 060145F-DLS.DWG DATE: 06/23/06

REVISIONS:

PROJECT:

RIVERTON EXPANSION AND RENOVATION PROJECT

1600 FOREST AVE. PORTLAND, ME. 04103

OWNER:

CITY OF PORTLAND

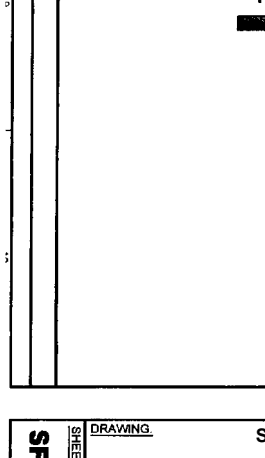
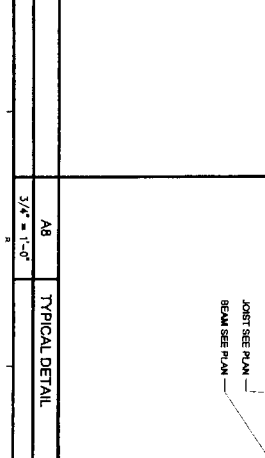
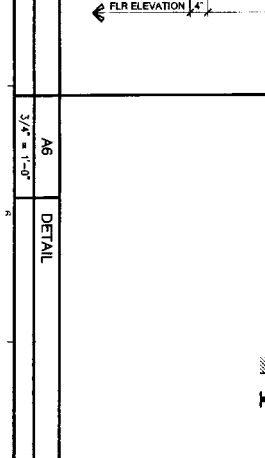
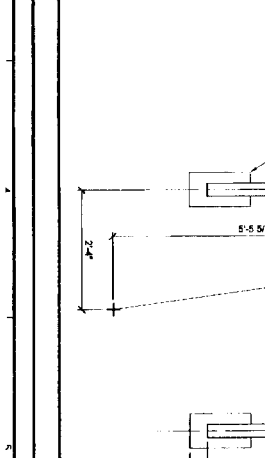
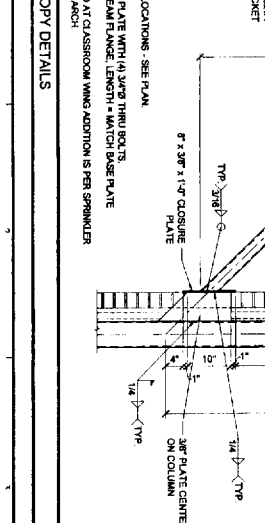
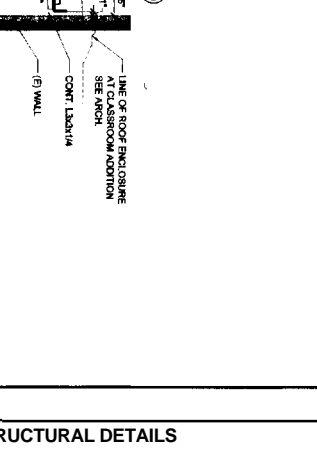
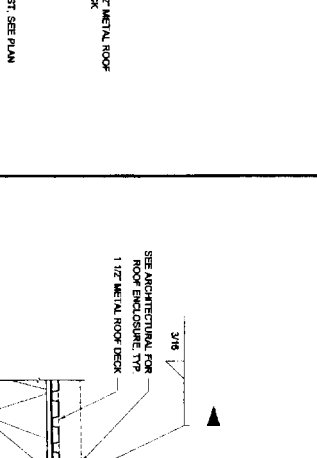
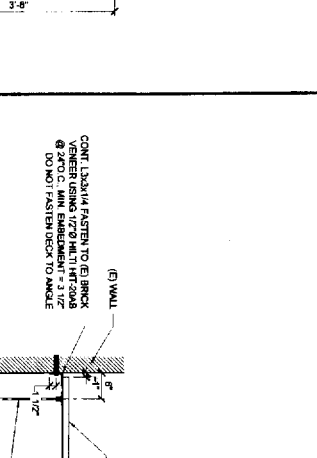
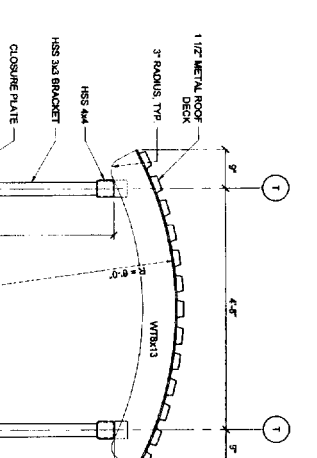
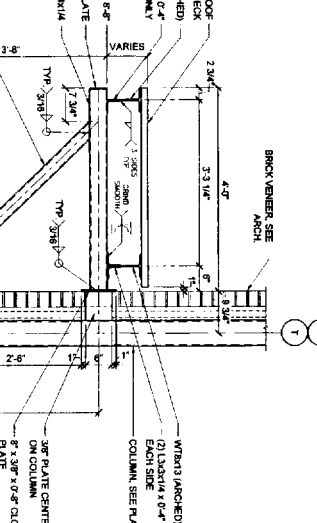
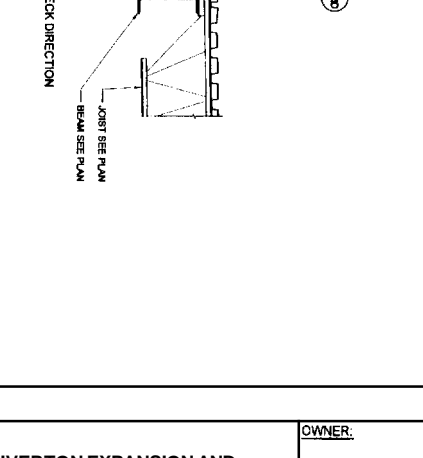
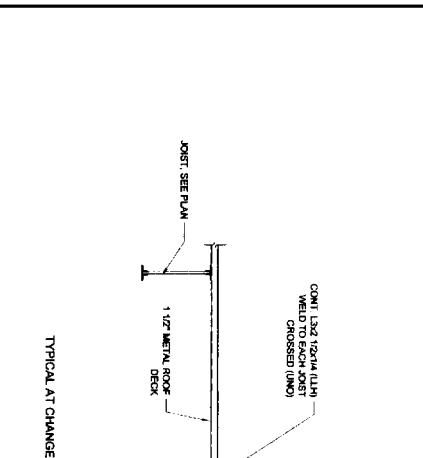
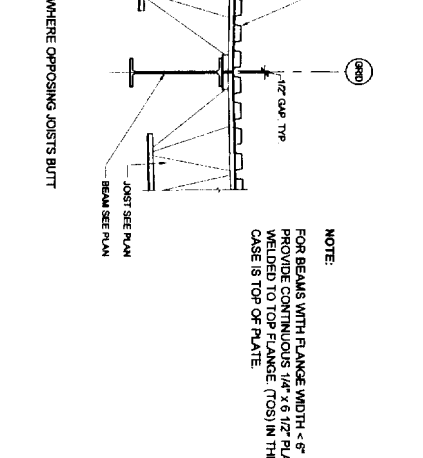
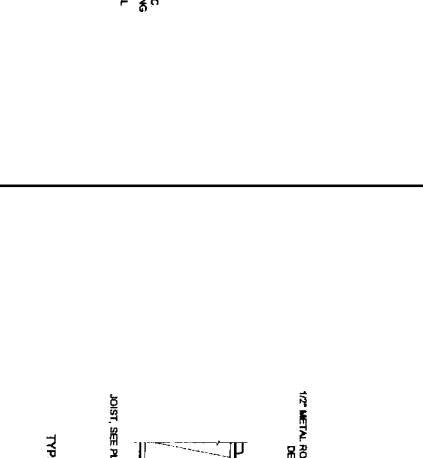
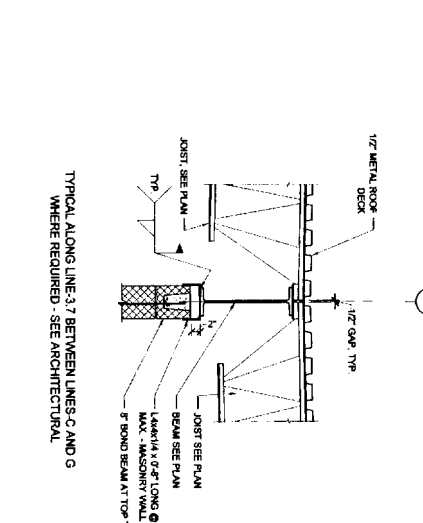
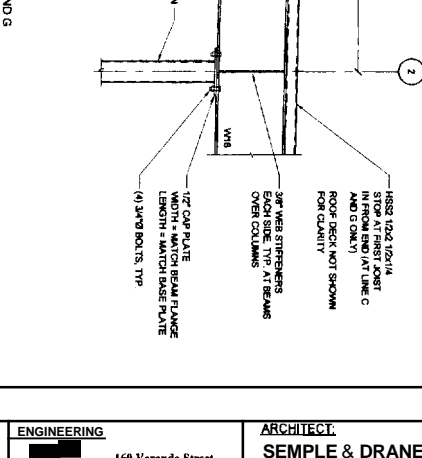
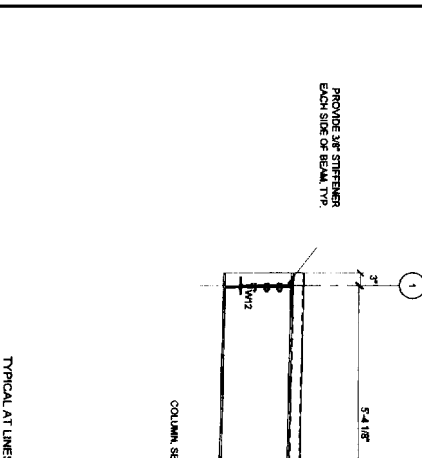
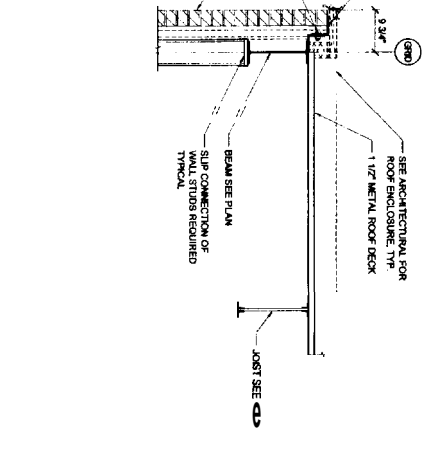
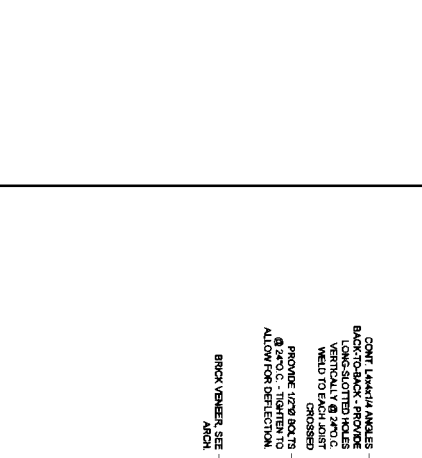
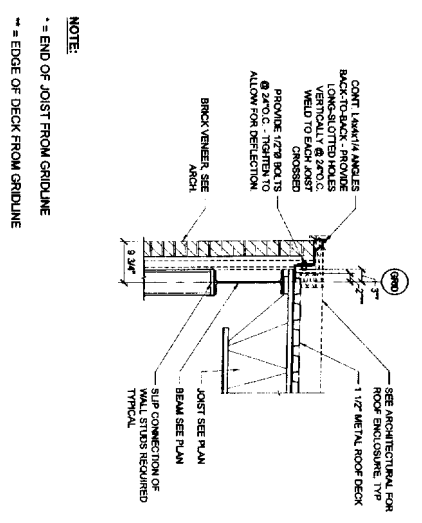
ENGINEERING

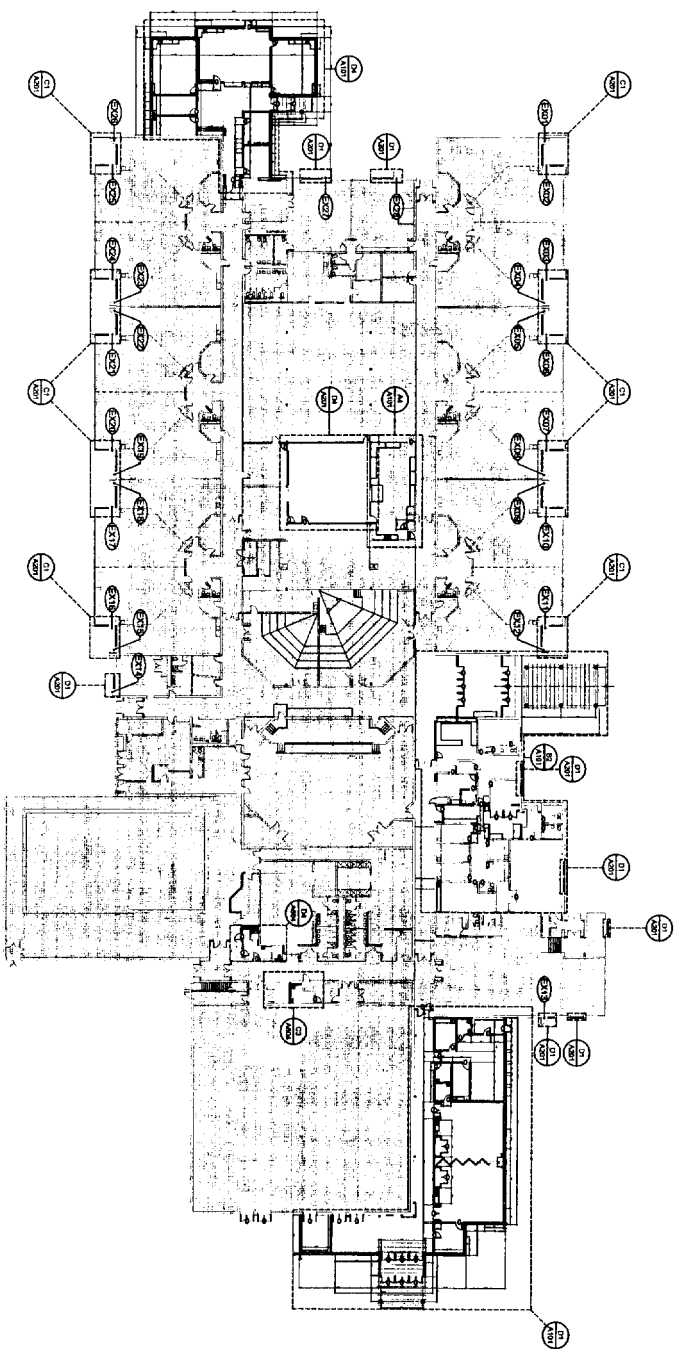
Allied Engineering  
160 Versado Street  
Portland, Maine 04103  
Tel: 207.222.2246  
Fax: 207.222.2246  
Web: www.allied-eng.com

ARCHITECT: SEMPLE & DRANE ARCHITECTS  
496 CONGRESS STREET  
PORTLAND, MAINE 04101  
TEL: (207) 761-4231 FAX: 774-0152  
SDA@sempledrane.com



SHEET SF-500

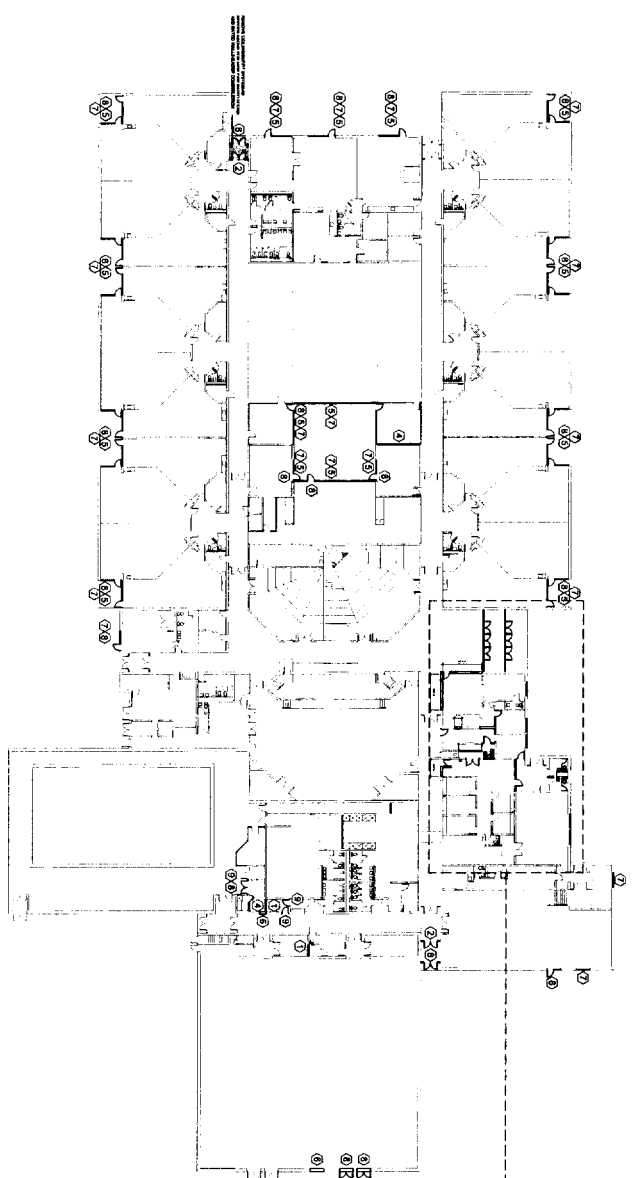




GENERAL NOTES  
 1. SEE A-2 FOR ENLARGED FLOOR PLANS  
 OF EXTENT OF WORK  
 [Dashed Line] = EXTENT OF WORK

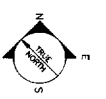
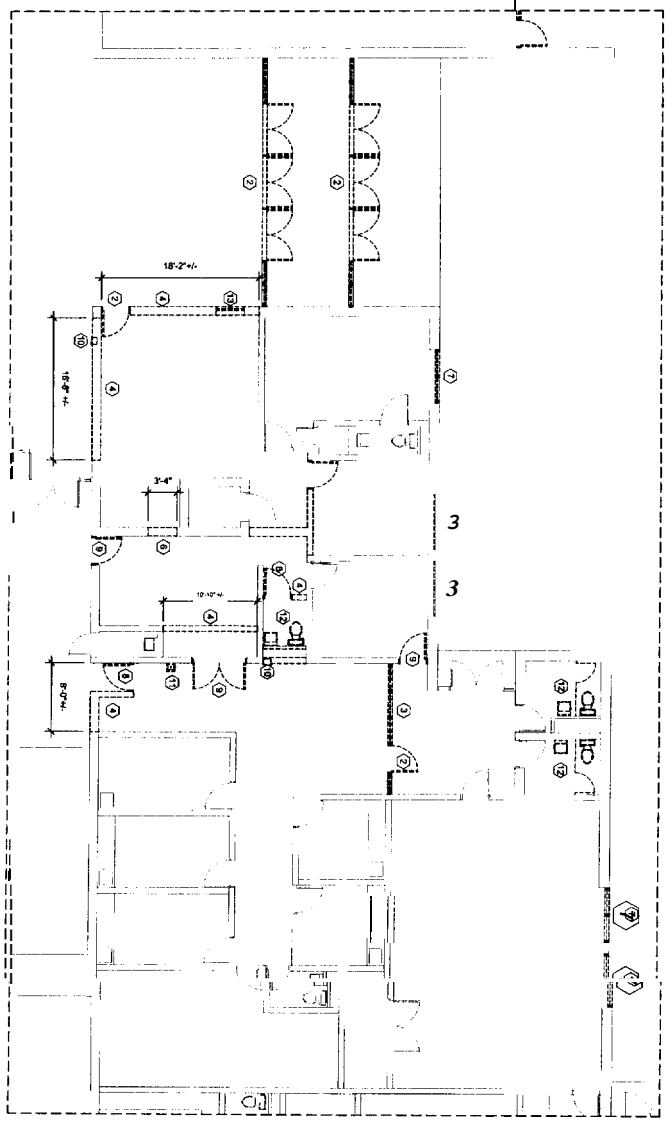


FLOOR PLAN - SCALE=1/32"=1'-0"  
 B1



DEMOLITION NOTES

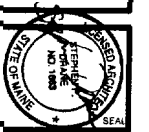
- ① REMOVE MASONRY
- ② REMOVE DOOR FRAME AND LATCHWARE
- ③ REMOVE GLAZING, FRAME AND LATCHWARE
- ④ REMOVE EXISTING INTERIOR WALL FROM FLOOR TO UNDERSIDE OF DECK LANDING
- ⑤ EXISTING FINISH TO REMAIN INTACT TO ENABLE RE-ATTACHMENT TO NEW GLAZING SYSTEM ON WALL INFILL
- ⑥ REMOVE MASONRY. PREPARE FOR NEW DOOR
- ⑦ REMOVE GLAZING, FRAME AND LATCHWARE. PREPARE FOR NEW WINDOW
- ⑧ REMOVE DOOR FRAME AND LATCHWARE. PREPARE FOR NEW DOOR
- ⑨ REMOVE DOOR FRAME AND LATCHWARE. PREPARE FOR INFILL
- ⑩ REMOVE STONE & REINSTALL BESSIE F.C. CABINET
- ⑪ REMOVE OSBOND FOUNTAIN CAP AT CORNER
- ⑫ REMOVE RESTROOM FIXTURES & PARTITIONS
- ⑬ REMOVE FREE SHUTTER AND FRAME

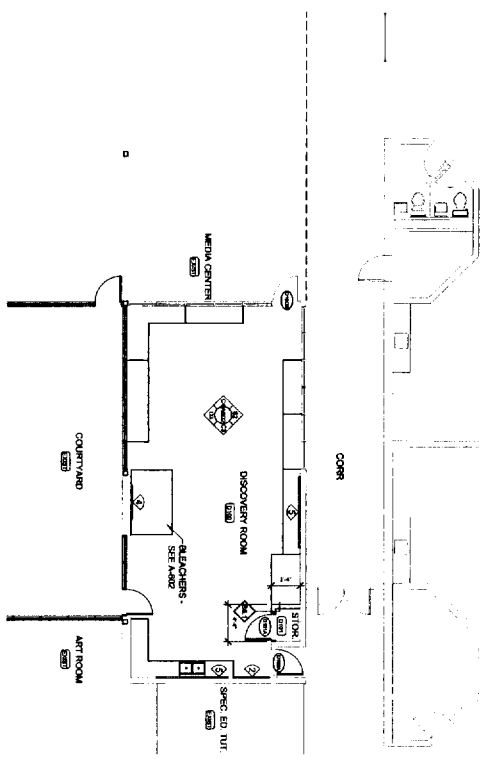


ENLARGED DEMOLITION PLAN - SCALE=1/8"=1'-0"  
 D1

DEMOLITION PLAN - SCALE=1/32"=1'-0"  
 D4

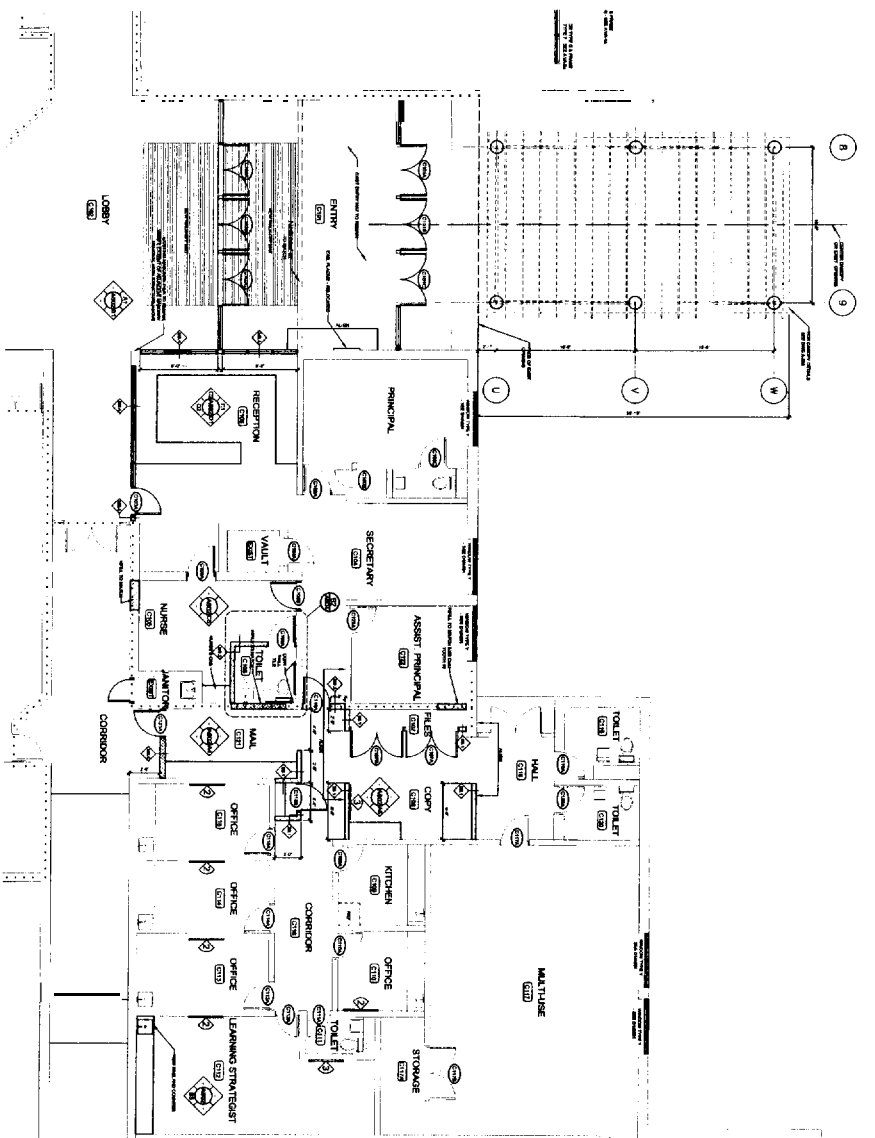
DRAWING A100 SHEET	DEMOLITION PLAN AND OVER-ALL FLOOR PLAN	PROJECT: RIVERTON EXPANSION AND RENOVATION PROJECT	OWNER: CITY OF PORTLAND	ARCHITECT: SEMPLER & DRANE ARCHITECTS 496 CONGRESS STREET PORTLAND MAINE 04101 SEB@SEMPLERDRANE.COM FAX 7740152
	SCALE AS NOTED DATE 05/09/06	REVISIONS	1600 FOREST AVE PORTLAND ME 04103	





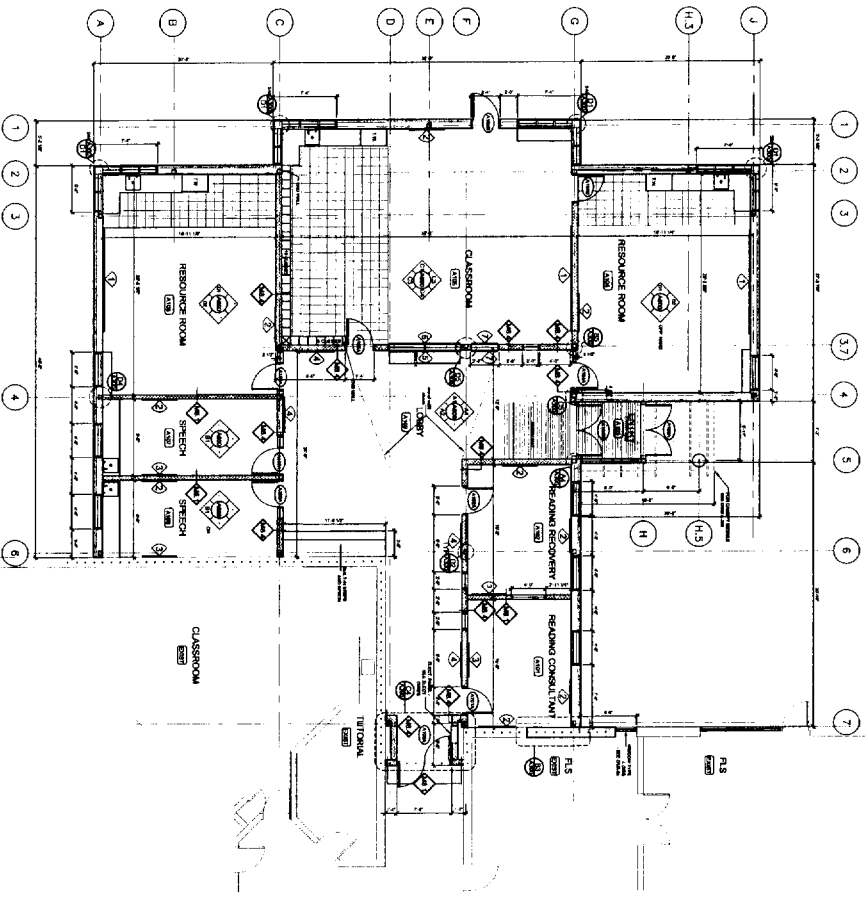
DISCOVERY ROOM - SCALE=1/8"=1'-0"

A4



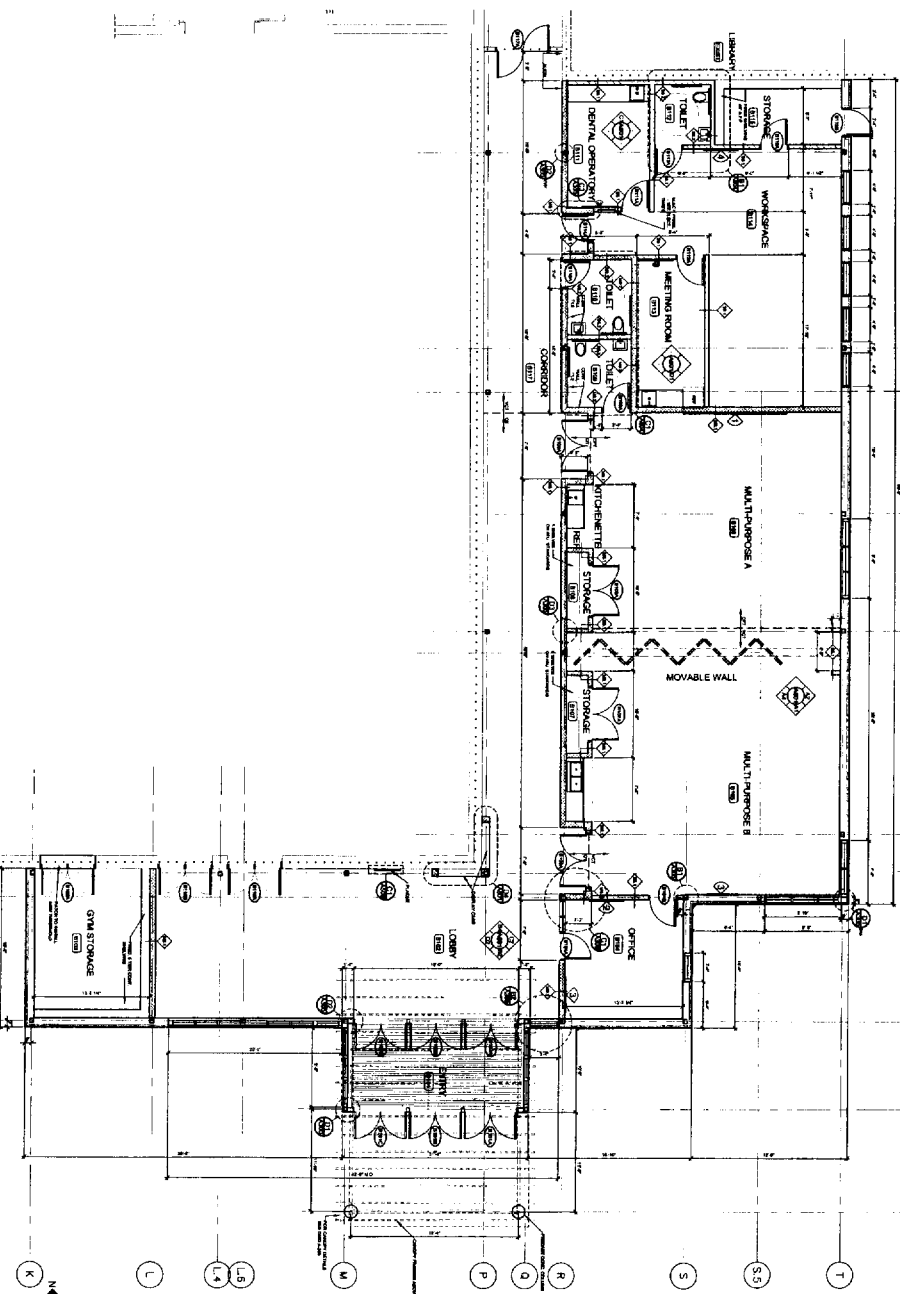
ADMINISTRATION - SCALE=1/8"=1'-0"

B1



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

D4



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

D1

A101

DRAWING: ENLARGED FLOOR PLANS  
 SCALE: 1/8"=1'-0" U.N.O.  
 DATE: 05/09/06

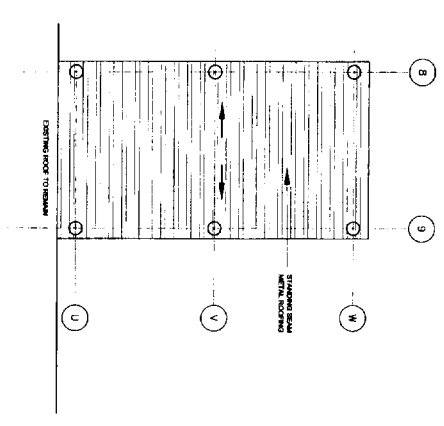
REVISIONS:

PROJECT: RIVERTON EXPANSION AND RENOVATION PROJECT  
 1600 FOREST AVE. PORTLAND, ME. 04103

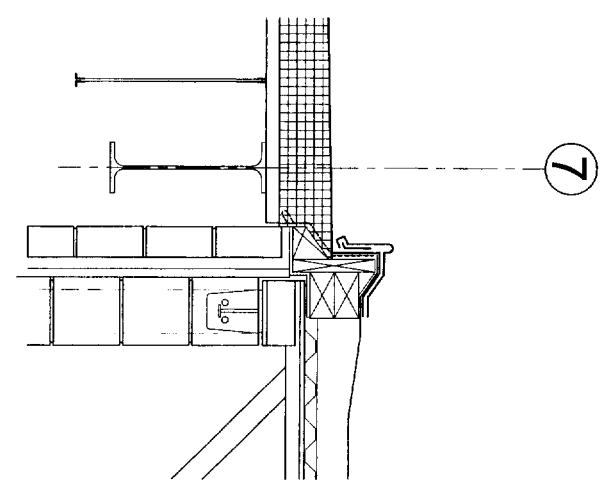
OWNER: CITY OF PORTLAND

ARCHITECT: SEMPLE & DRANE ARCHITECTS  
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 PORTLAND, MAINE 04101  
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 SDA@sempledrane.com

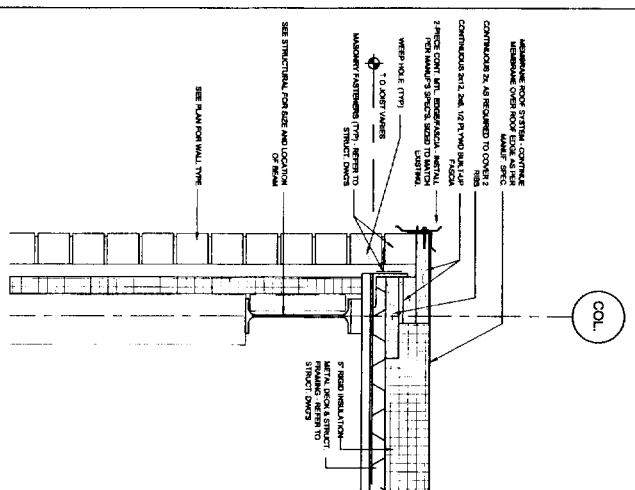




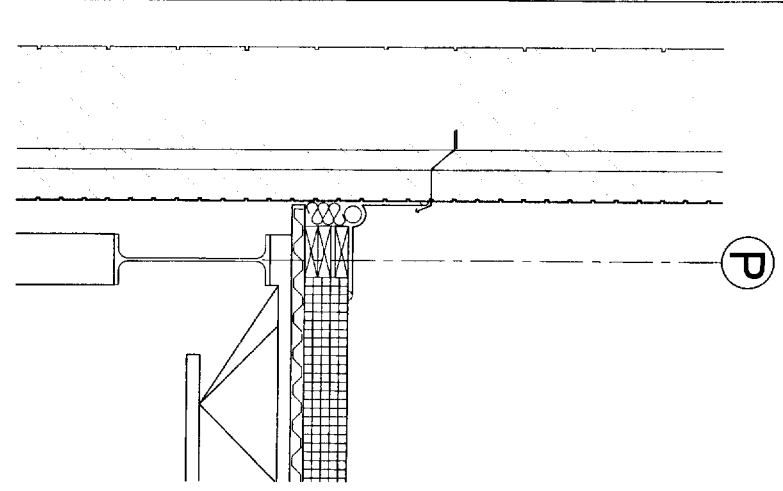
CANOPY ROOF PLAN SCALE 1/8"=1'-0"



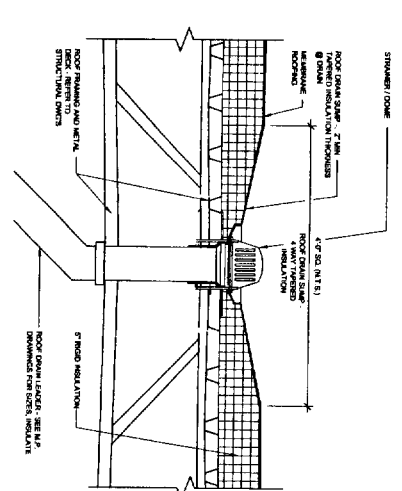
NEW / EXIST. ROOF EDGE DETAIL - SCALE 1-1/2"=1'-0"



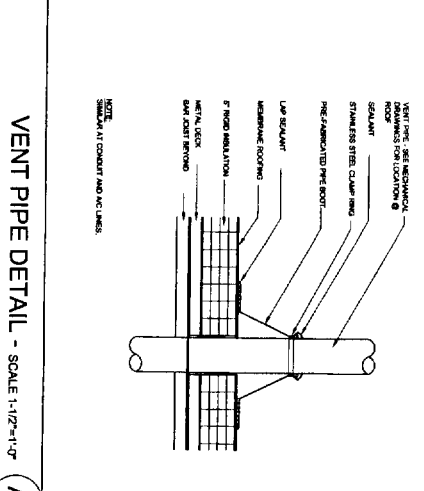
ROOF EDGE DETAIL - SCALE 1-1/2"=1'-0"



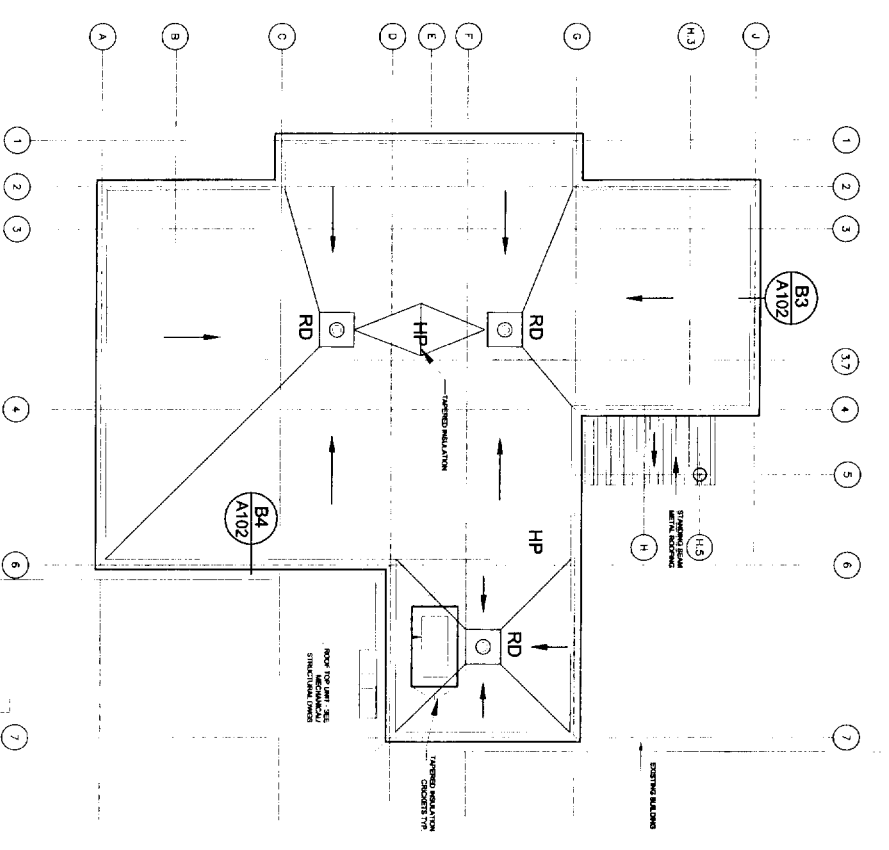
JOINT DETAIL - SCALE 1-1/2"=1'-0"



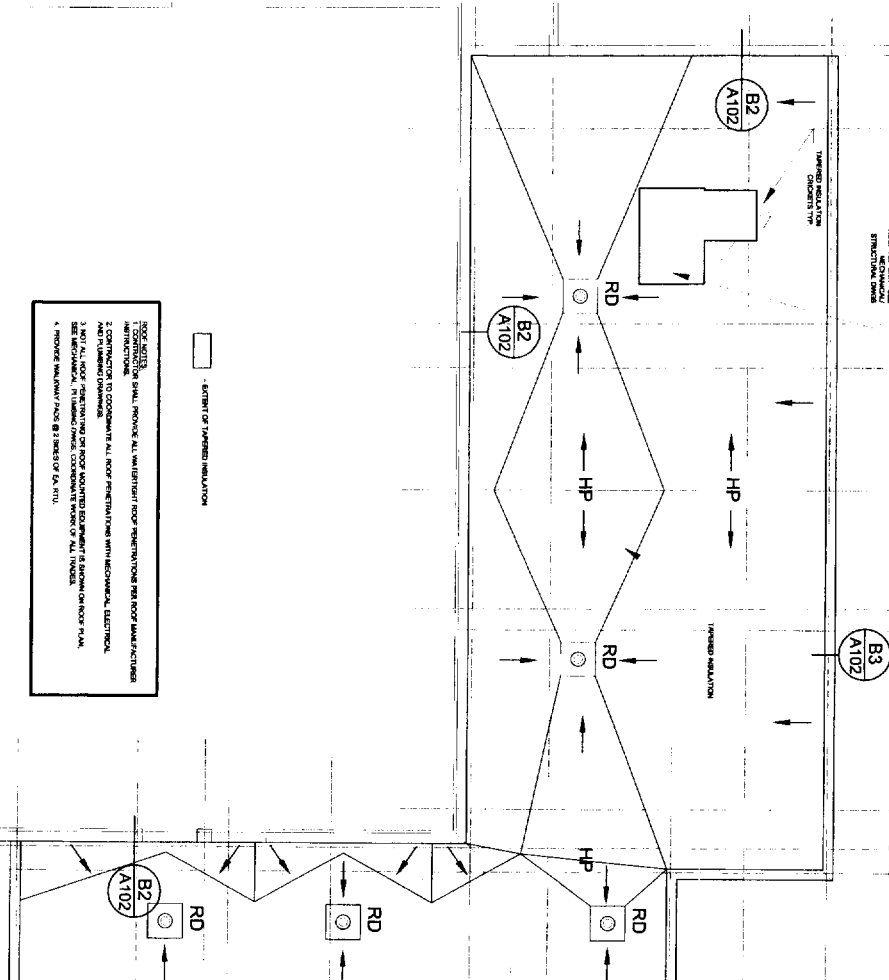
ROOF DRAIN DETAIL - SCALE 1-1/2"=1'-0"



VENT PIPE DETAIL - SCALE 1-1/2"=1'-0"



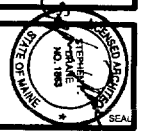
ROOF PLAN - CLASSROOM ADDITION - SCALE 1/8"=1'-0"

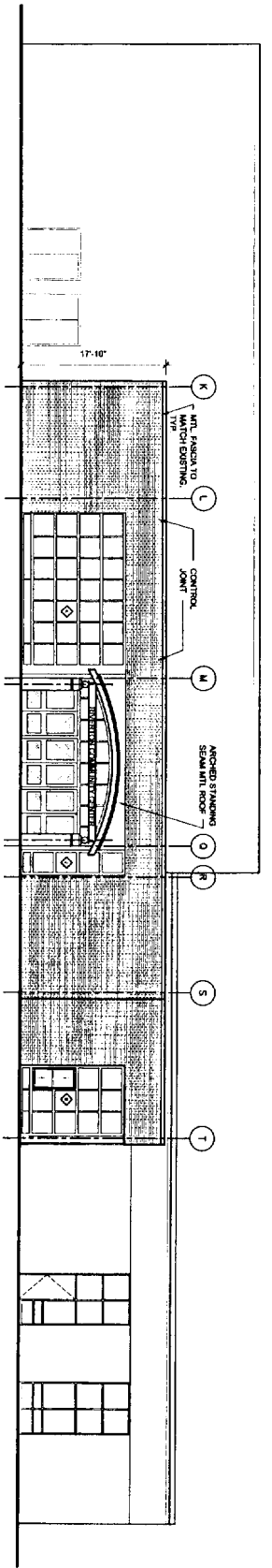


ROOF PLAN - P & R ADDITION - SCALE 1/8"=1'-0"

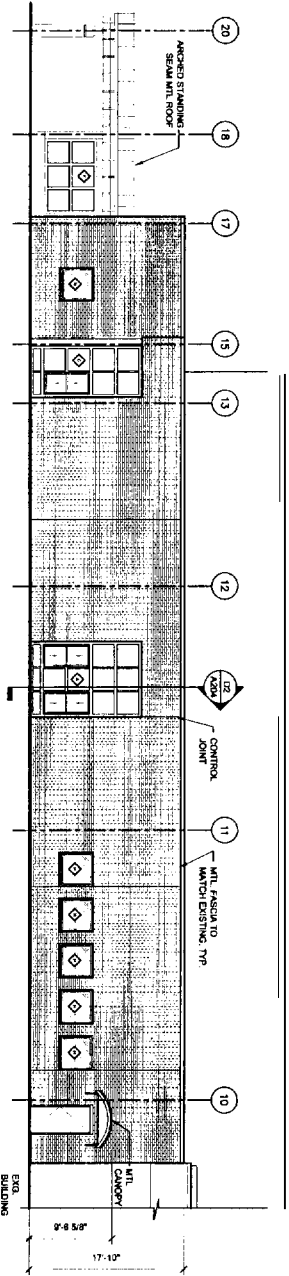
ROOF PLAN - P & R ADDITION - SCALE 1/8"=1'-0"

ROOF PLAN - P & R ADDITION - SCALE 1/8"=1'-0"

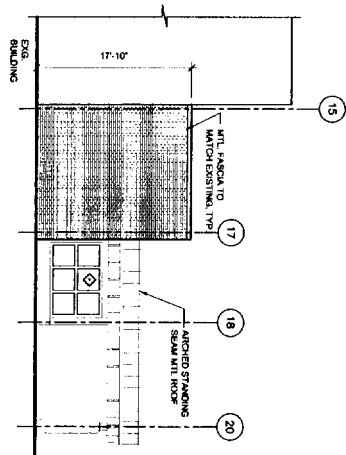




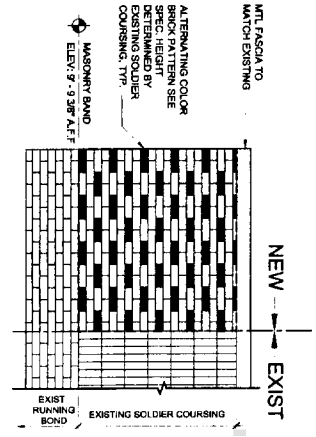
COMMUNITY ENTRANCE - NORTH (A)



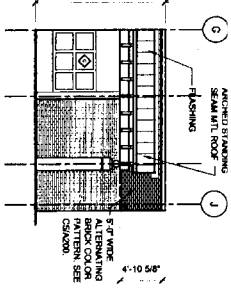
COMMUNITY ENTRANCE - SOUTH (B2)



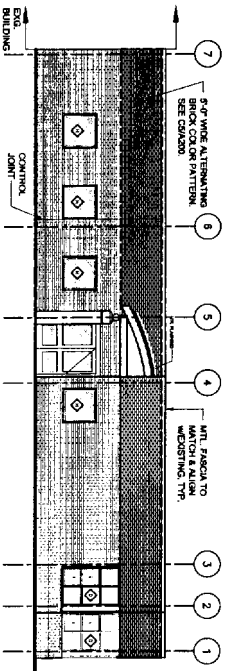
COMMUNITY ENTRANCE - NORTH (B1)



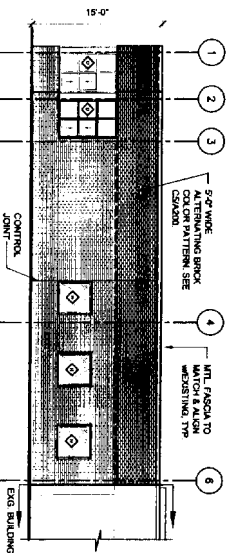
BRICK HATCH PATTERN (C5)



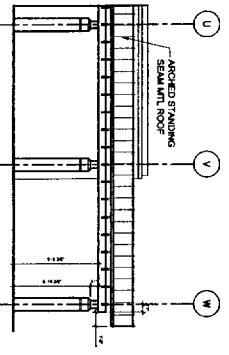
CLASSROOM ADDITION - WEST (C4)



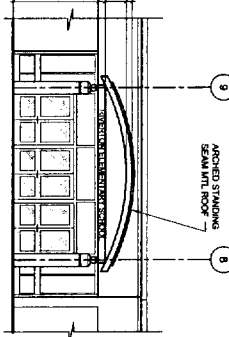
CLASSROOM ADDITION - SOUTH (C2)



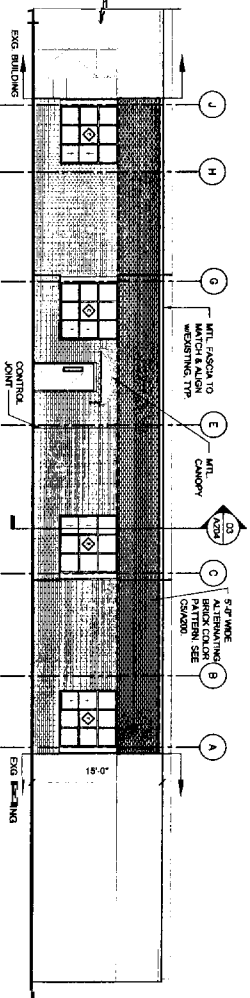
CLASSROOM ADDITION - NORTH (C1)



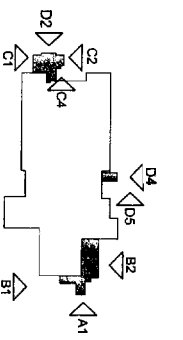
MAIN SCHOOL ENTRANCE - SOUTH (D5)



MAIN SCHOOL ENTRANCE - SOUTH (D4)



CLASSROOM ADDITION - EAST (D2)



DRAWING  
EXTERIOR ELEVATIONS  
SCALE 1/8"=1'-0"  
DATE 05/09/06

REVISIONS

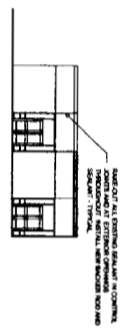
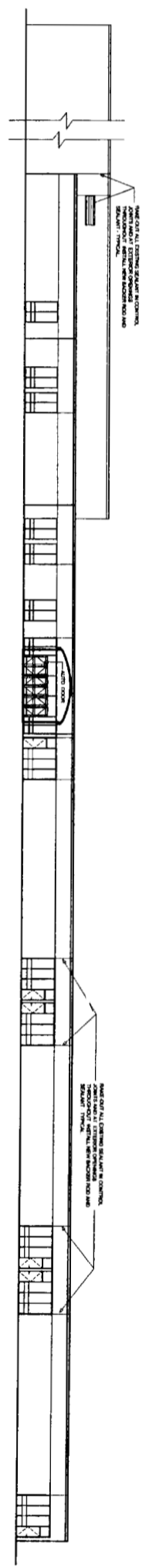
PROJECT  
RIVERTON ELEMENTARY SCHOOL  
/ COMMUNITY CENTER  
ADDITIONS AND RENOVATIONS  
1600 FORESTAVE PORTLAND, ME 04103

OWNER:  
CITY OF PORTLAND

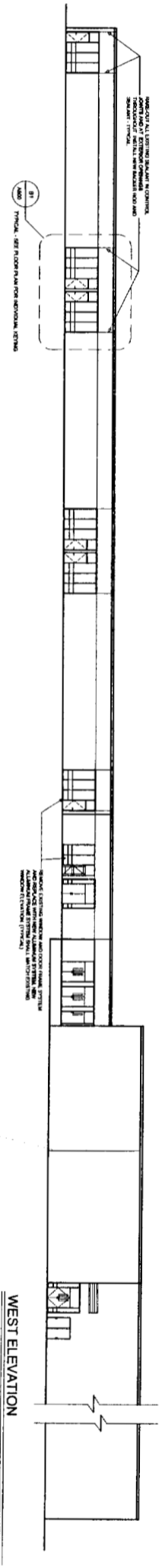
ARCHITECT:  
SEMPLER & DRANE ARCHITECTS  
496 CONGRESS STREET  
PORTLAND, MAINE 04101  
TEL: (207) 761-4231 FAX: 774-0152  
SDA@semplerdrane.com



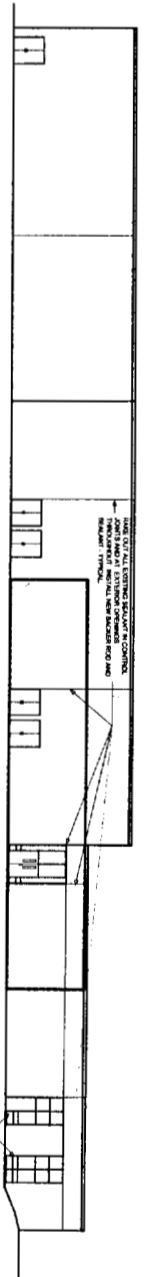




NORTH ELEVATION AT PUBLIC ENTRANCE

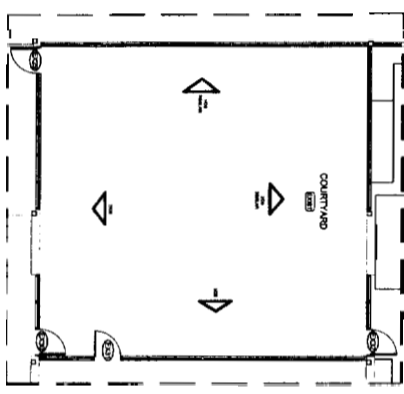


WEST ELEVATION

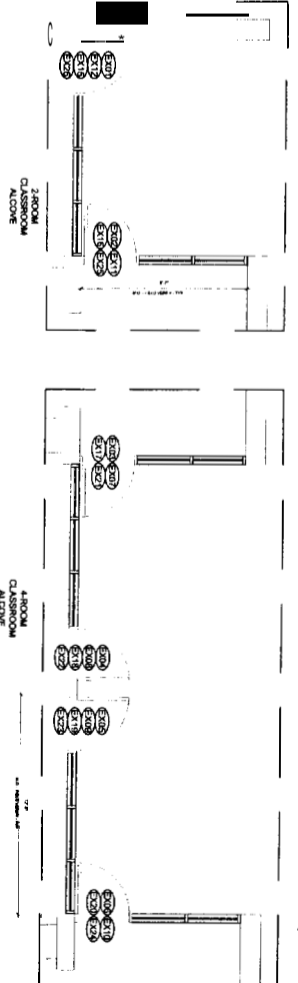


SOUTH ELEVATION

OVERALL ELEVATIONS (B1)

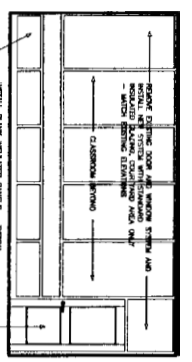


COURTYARD PLAN

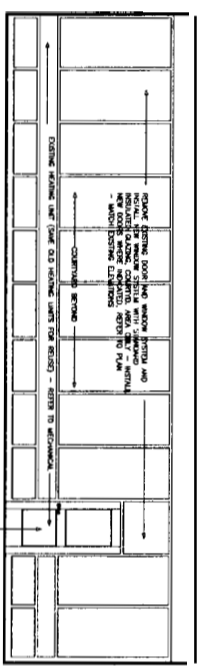


EXT. CLASSROOM EGRESS DOOR AND STOREFRONT (D4)

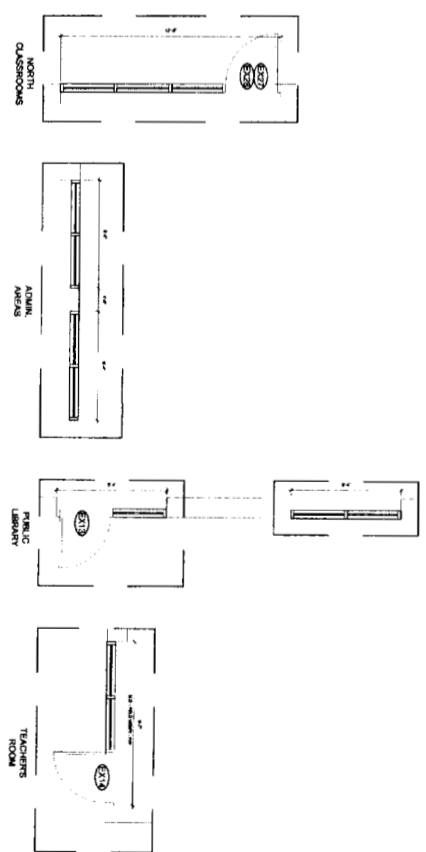
NOTE: ALL DOORS SHALL BE CHANGED TO DOUBLE-HUNG WINDOW AND FIXED INSULATING PANEL SYSTEM TO MATCH REMAINDER OF STOREFRONT SYSTEM UNDER ALTERNATE NO. 5 (SPRINKLER SYSTEM)



EXTERIOR ELEVATION IN COURTYARD (2)



INTERIOR ELEVATION AT COURTYARD (1)



MISC. OTHER DOOR AND STOREFRONT PANELS (D1)



ARCHITECT  
**SEMPLÉ & DRANE ARCHITECTS**  
 496 CONGRESS STREET  
 PORTLAND MAINE 04103  
 TEL 1207/7614231 FAX 7740152  
 SDA@sempledrane.com

OWNER:  
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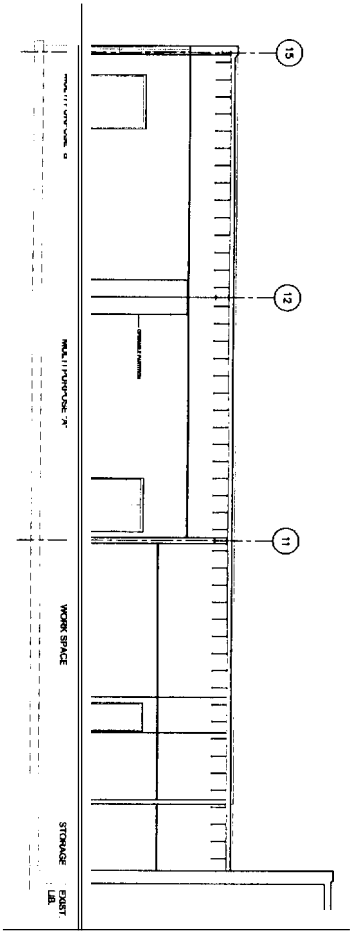
PROJECT  
**RIVERTON ELEMENTARY SCHOOL / COMMUNITY CENTER ADDITIONS AND RENOVATIONS**  
 1600 FORESTAVE. PORTLAND ME 04103

EXIST EXTERIOR ELEVATIONS AND WINDOW REPLACEMENT PLANS

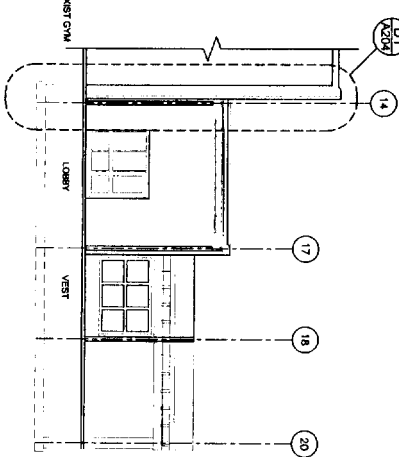
REVISIONS:

DRAWING:  
 SCALE: 1/8"=1'-0"  
 DATE: 05/09/06

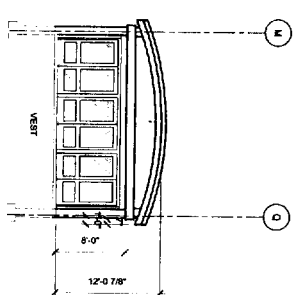
SHEET:  
**A201**



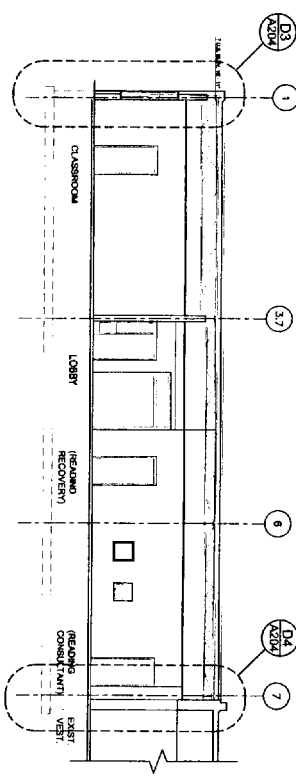
SECTION @ MULTIPURPOSE ROOM (A3)



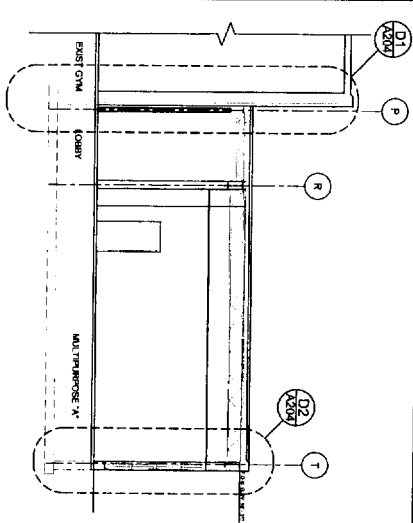
SECTION @ MULTIPURPOSE ROOM (A2)



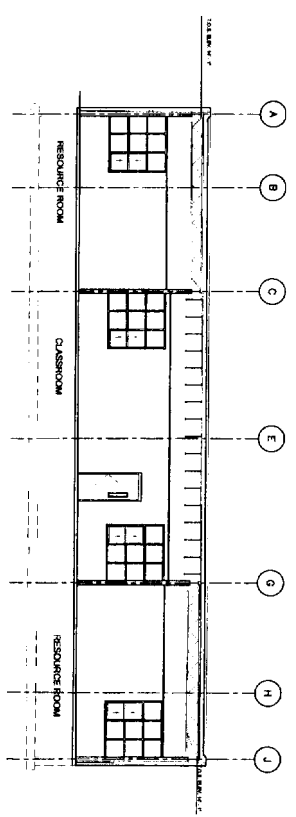
SECTION @ VESTIBULE (A1)



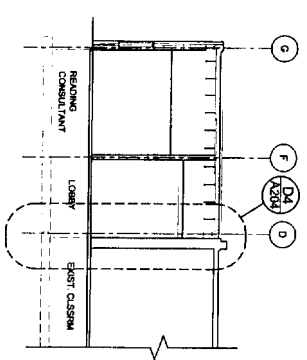
SECTION @ MULTIPURPOSE ROOM (B2)



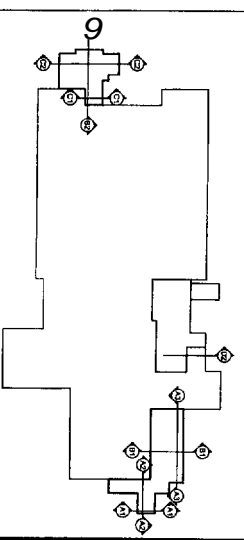
SECTION @ MULTIPURPOSE ROOM (B1)



SECTION @ CLASSROOM / RESOURCE ROOMS (C2)



SECTION @ R.C. / LOBBY (C1)



SECTION KEY

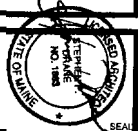
ARCHITECT  
**SEMPLÉ & DRANE ARCHITECTS**  
 496 CONGRESS STREET  
 PORTLAND MAINE 04101  
 TEL (207) 781-4231 FAX 7744152

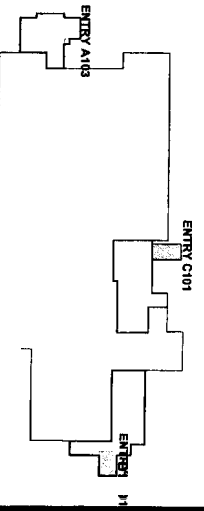
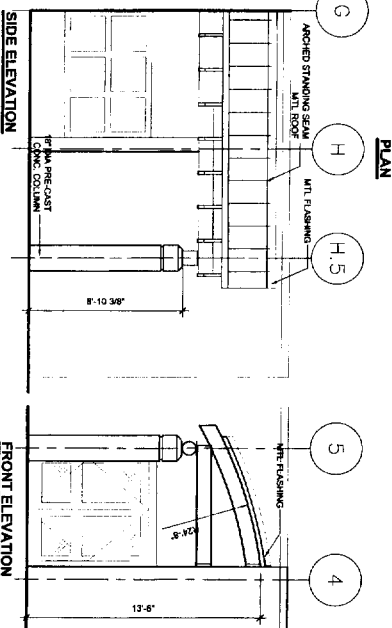
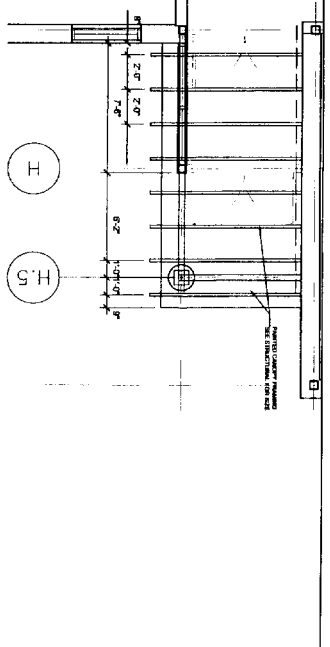
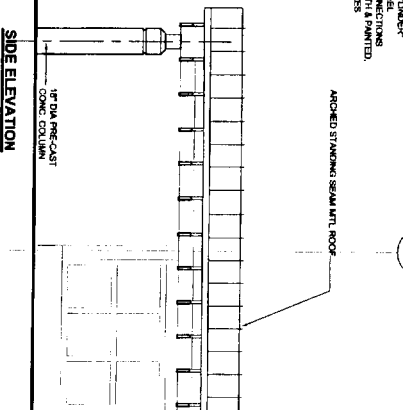
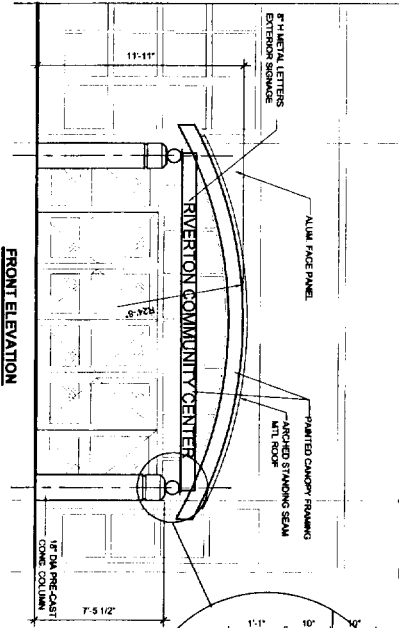
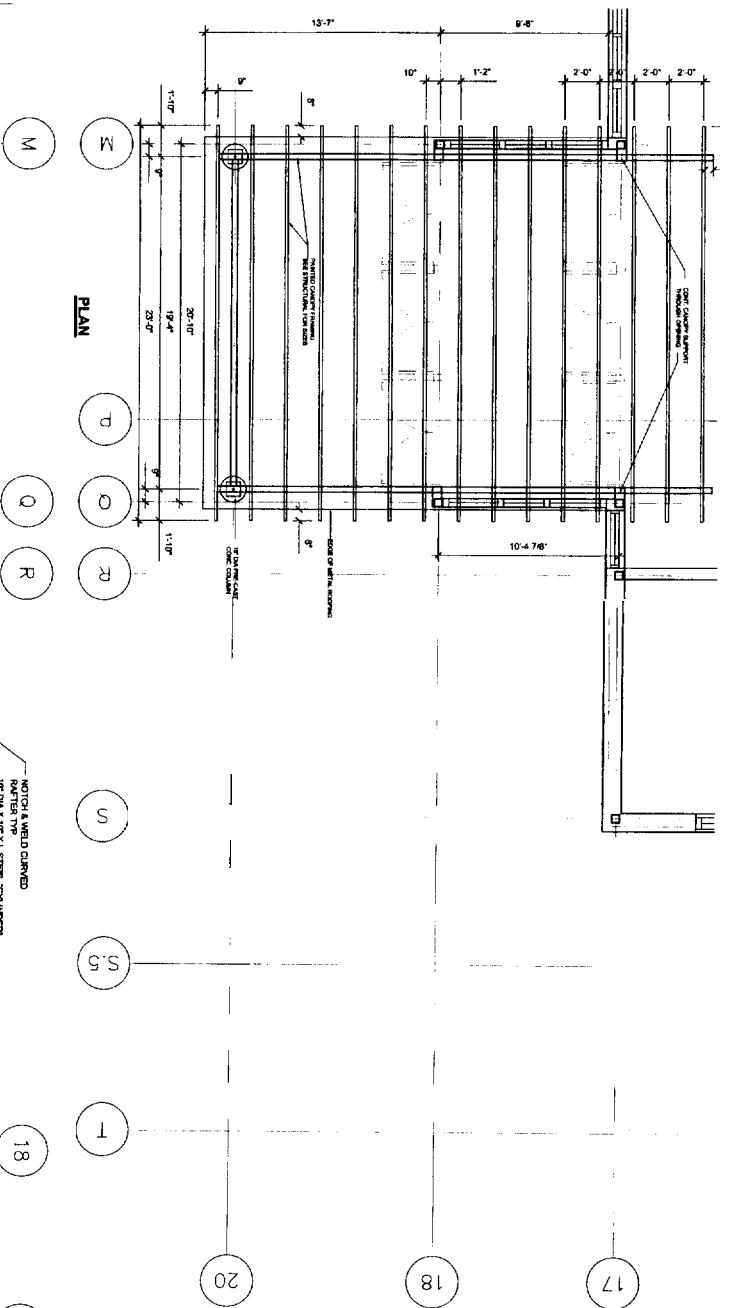
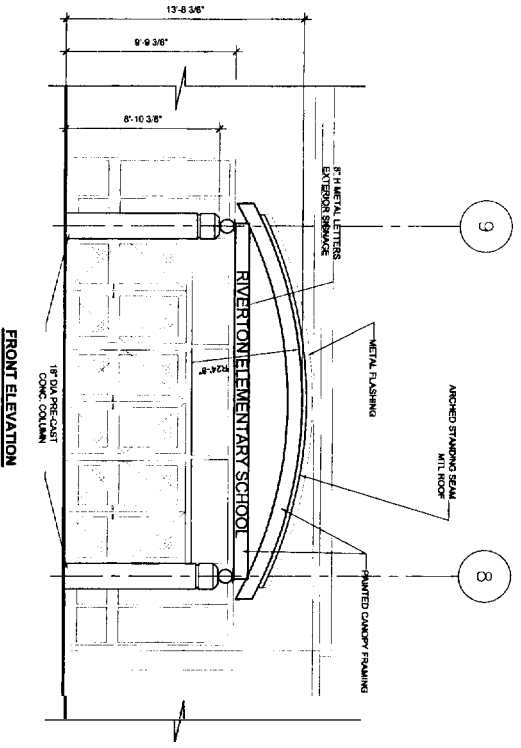
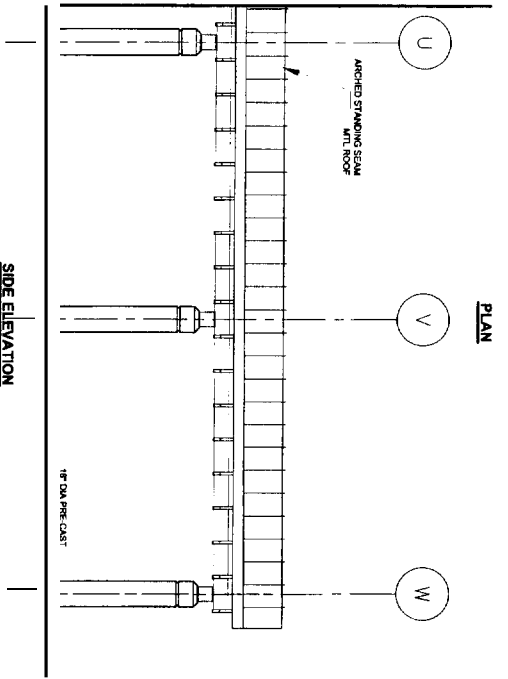
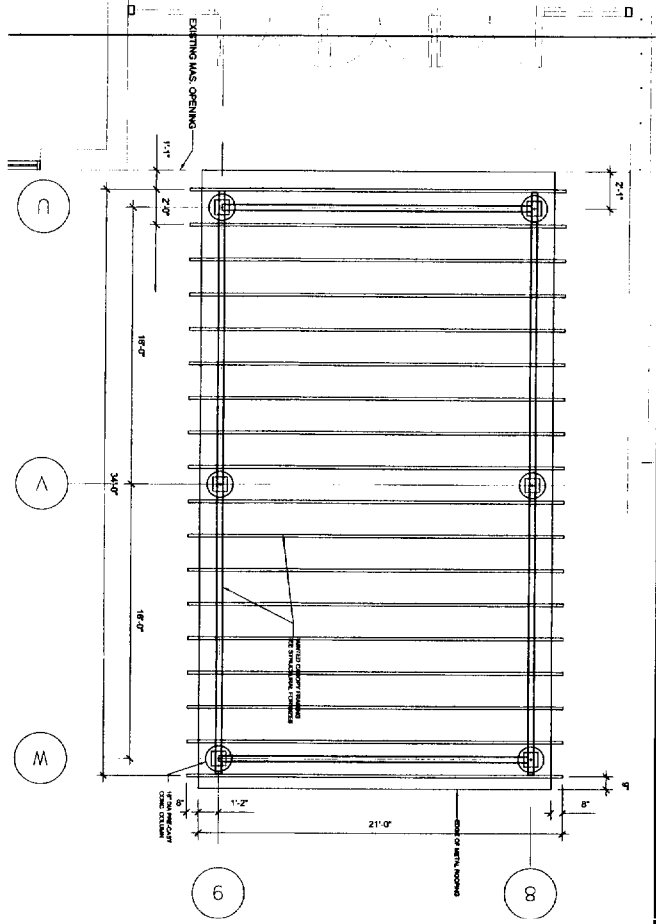
OWNER  
 CITY OF PORTLAND

PROJECT  
 RIVERTON ELEMENTARY SCHOOL  
 / COMMUNITY CENTER  
 ADDITIONS AND RENOVATIONS

BUILDING SECTIONS  
 SCALE 1/8"=1' 0"  
 DATE 05109106

DRAWING  
 SHEET  
**A202**

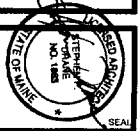




CANOPY @ ENTRY B101 (B1)

CANOPY @ ENTRY A103 (A3)

NOPI @ ENTR 1 A3



ARCHITECT:  
SEMPLE & DRANE ARCHITECTS  
486 CONGRESS STREET  
PORTLAND, MAINE 04103  
TEL (207) 761 4231 FAX 774 0152  
SDA@sempledrane.com

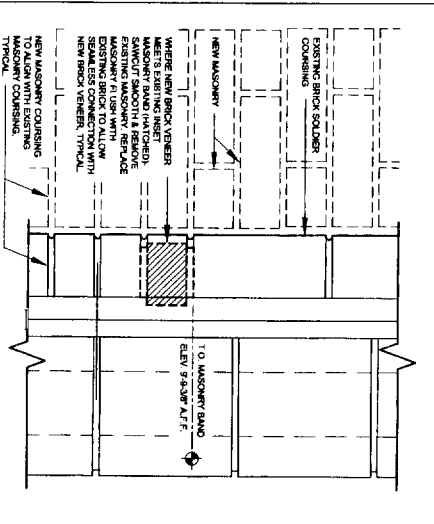
OWNER:  
CITY OF PORTLAND

PROJECT  
RIVERTON ELEMENTARY SCHOOL  
/ COMMUNITY CENTER  
ADDITIONS AND RENOVATIONS  
1600 FORESTAVE PORTLAND, ME 04103

DRAWING:  
EXTERIOR CANOPIES PLANS AND DETAILS  
SCALE 1/4"=1 0"  
DATE 05/04/06

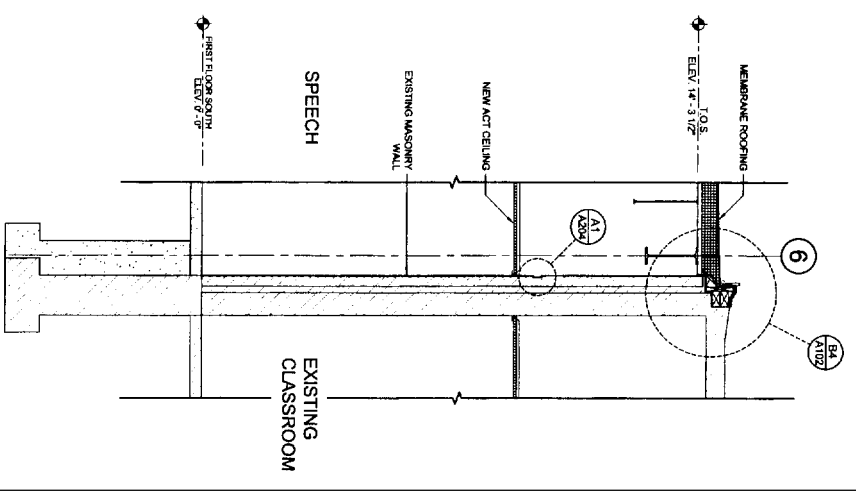
SHEET  
A203

SECTION KEY



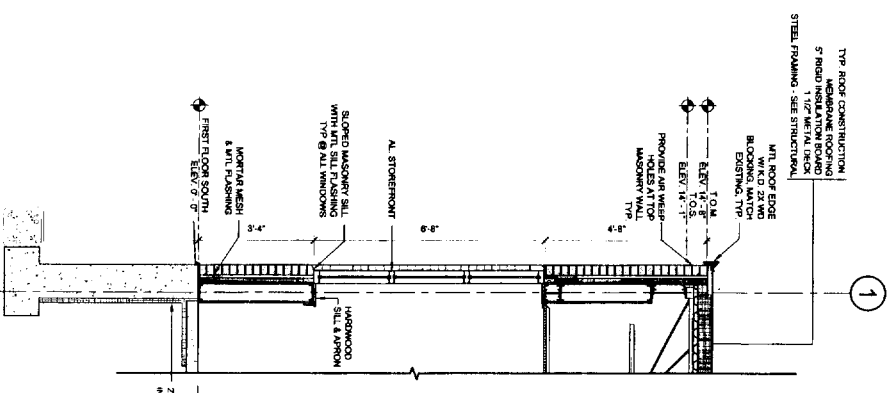
SECTION @ MULTIPURPOSE ROOM (A1)

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



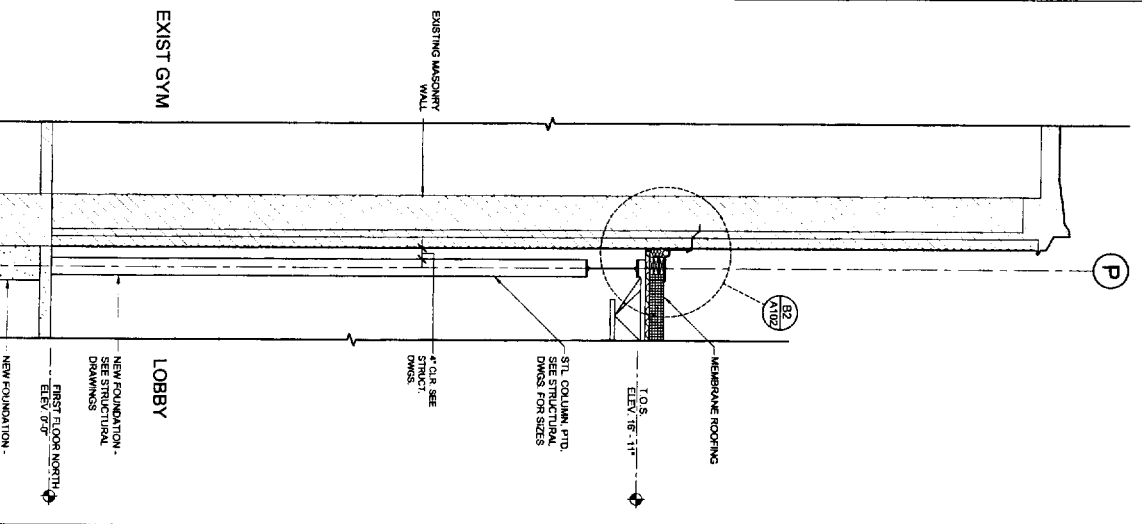
SECTION @ RESOURCE ROOM (D3)

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



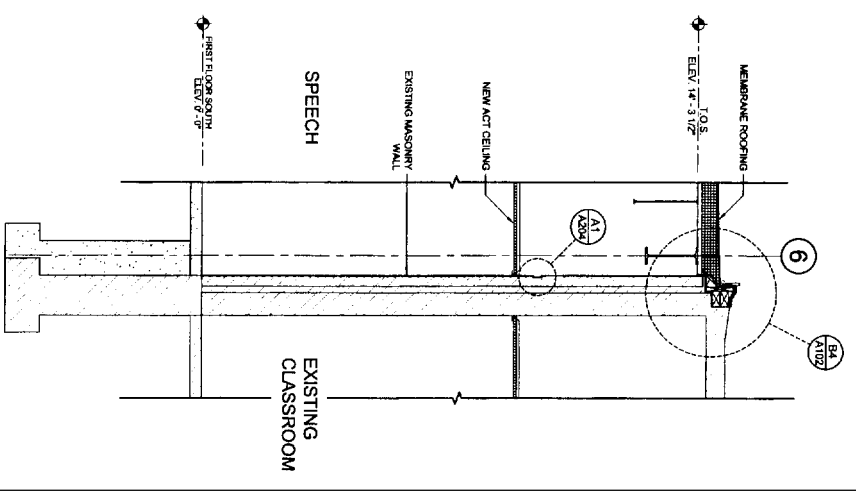
SECTION @ MULTIPURPOSE ROOM (D2)

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



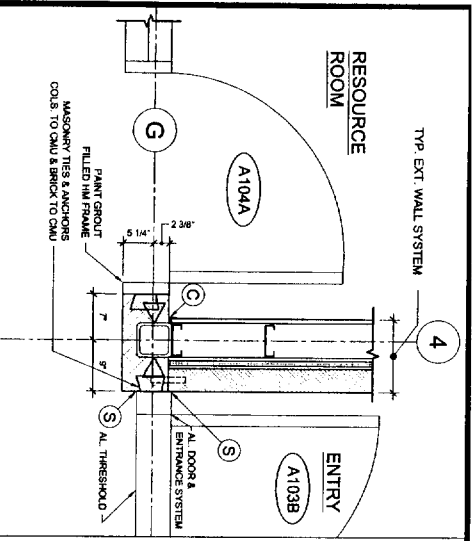
SECTION @ MULTIPURPOSE ROOM (D1)

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

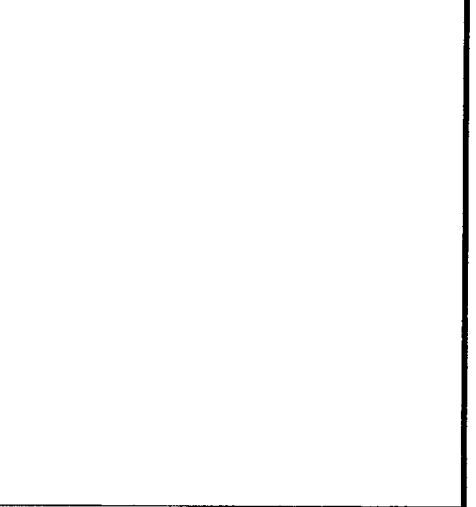


ON @ NEW/EXI T C SSROOM (D4)

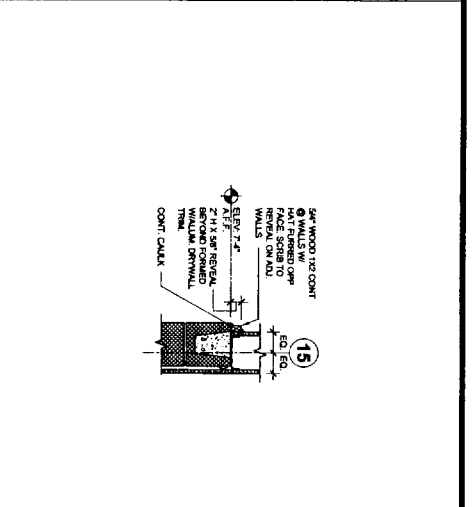
SCALE: 1/2" = 1'-0"



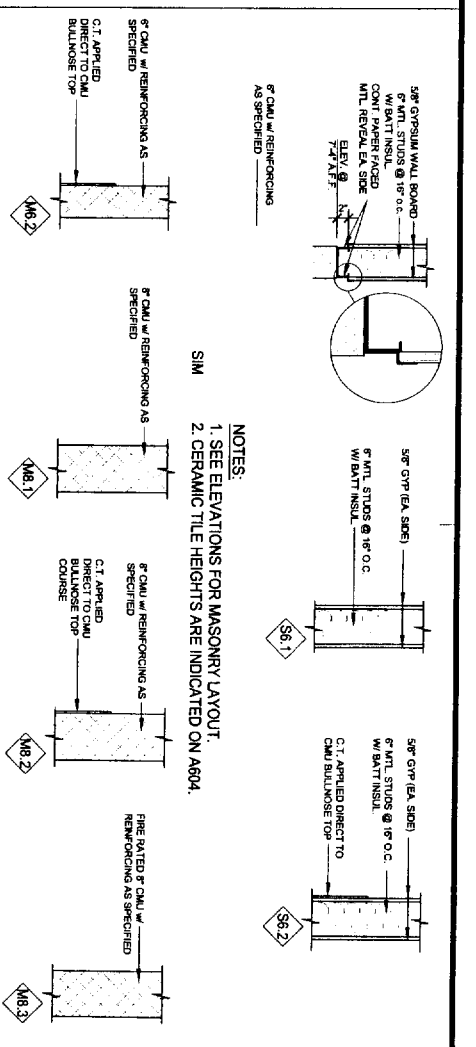
PLAN DETAIL (A5)



PLAN DETAIL (A4)



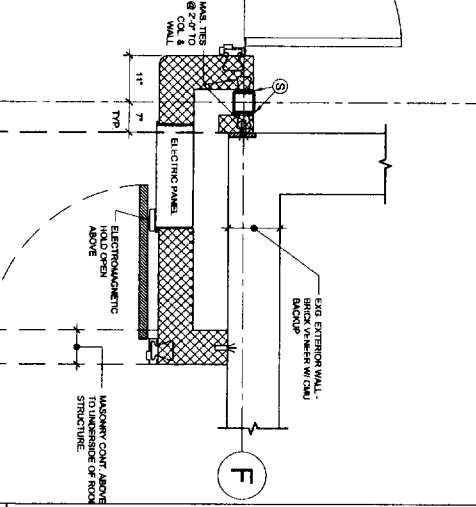
PLAN DETAIL (A3)



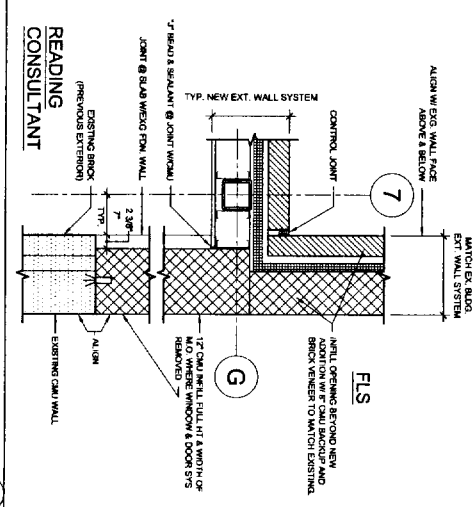
WALL TYPES (A1)



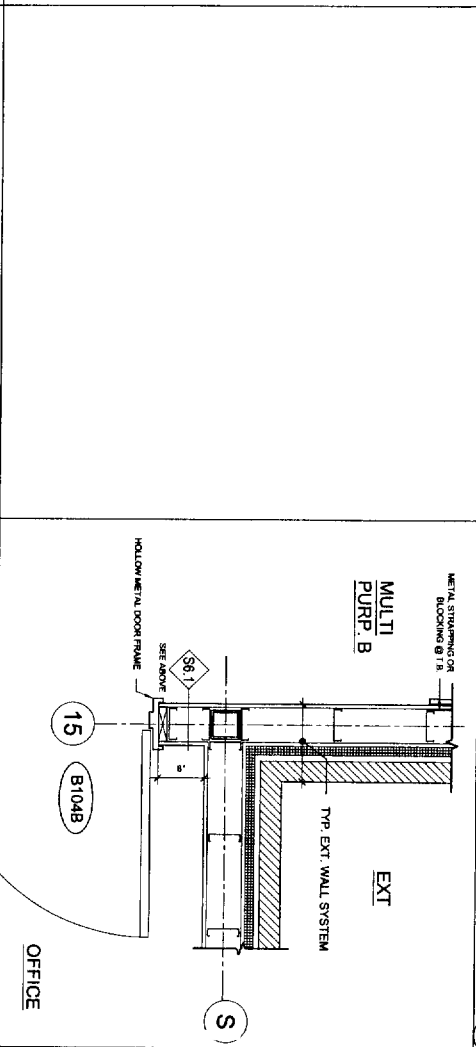
PLAN DETAIL (B5)



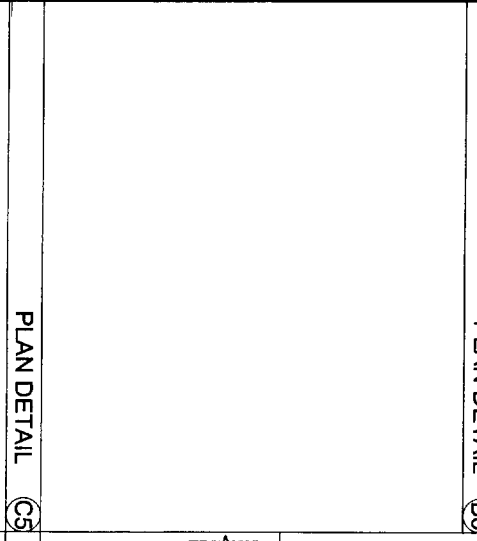
PLAN DETAIL (B3)



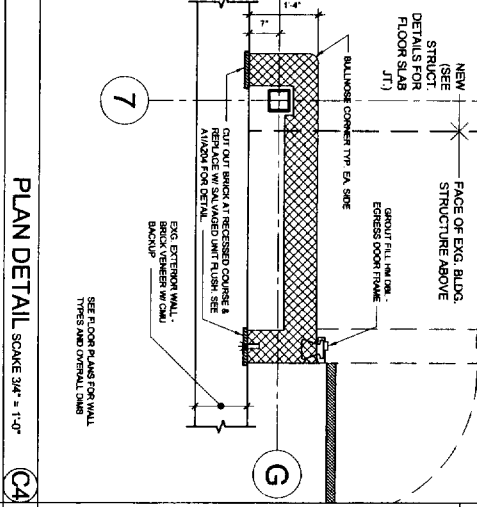
PLAN DETAIL (B2)



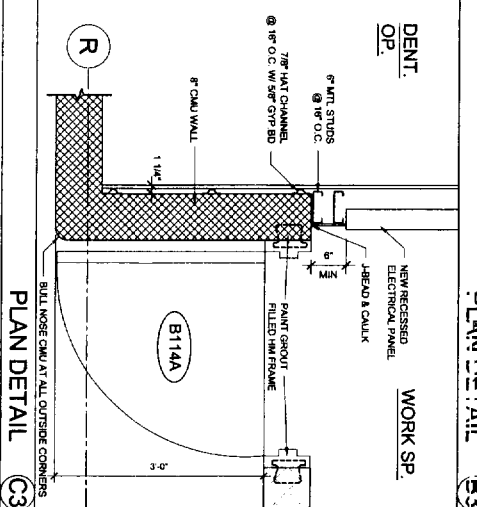
PLAN DETAIL (B1)



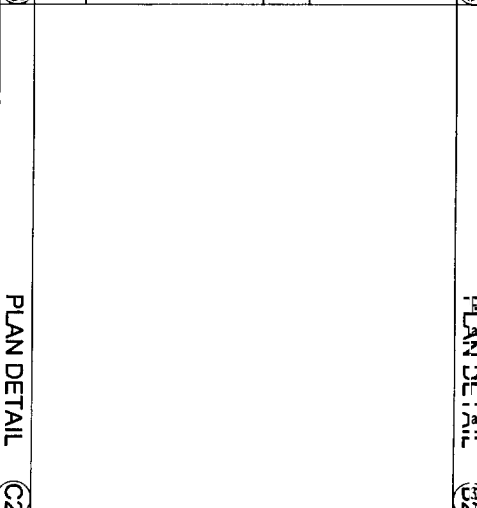
PLAN DETAIL (C5)



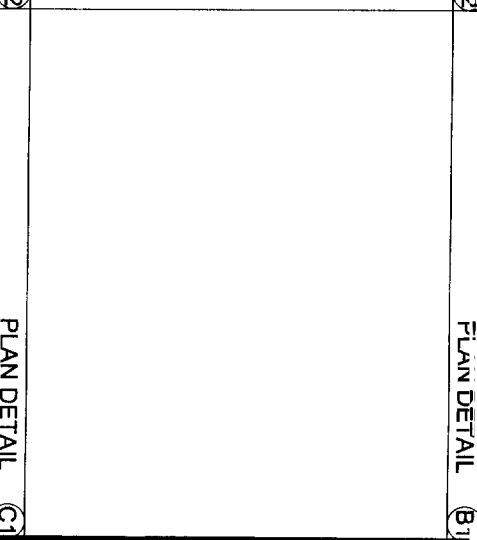
PLAN DETAIL (C4)



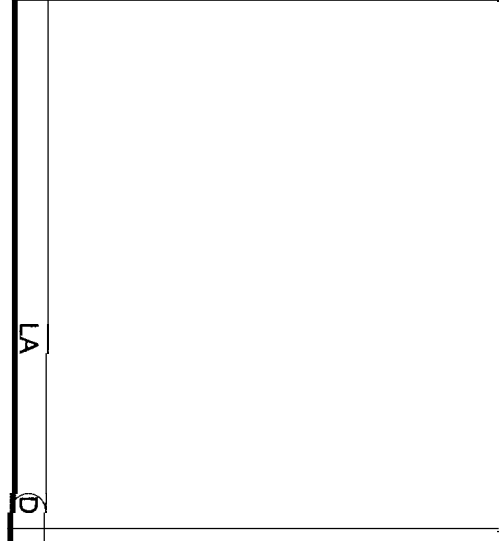
PLAN DETAIL (C3)



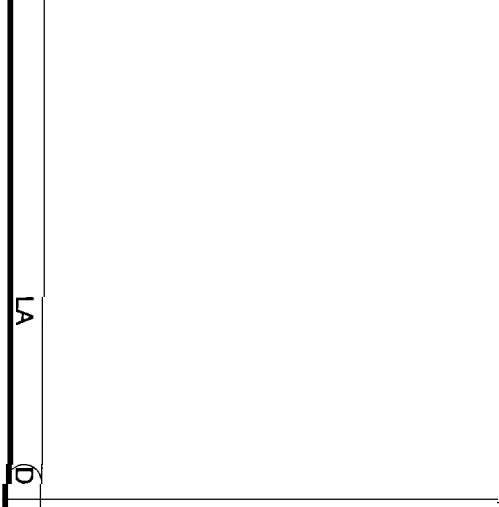
PLAN DETAIL (C2)



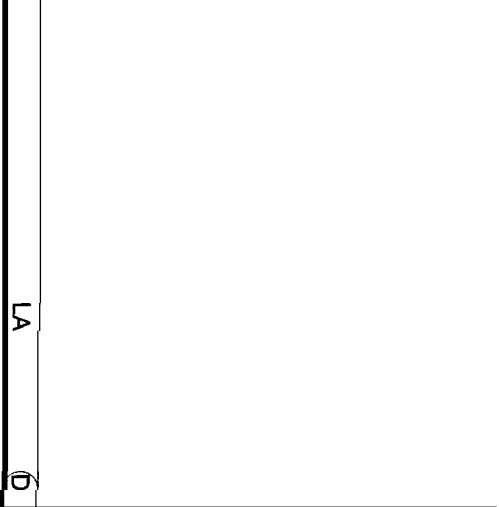
PLAN DETAIL (C1)



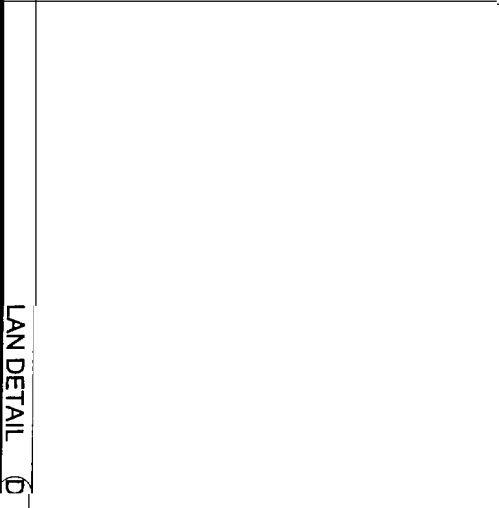
LAN DETAIL (D)



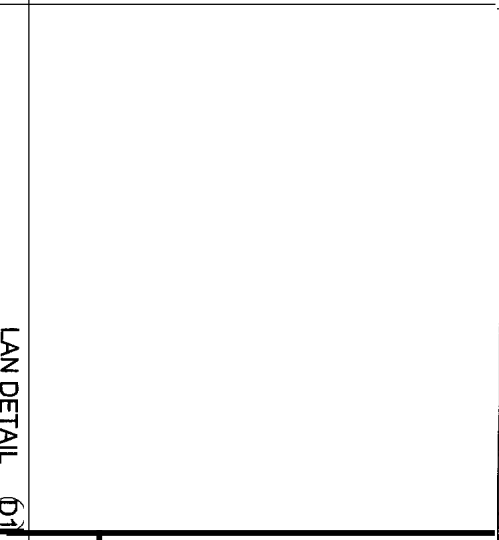
LAN DETAIL (D)



LAN DETAIL (D)



LAN DETAIL (D)



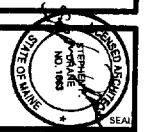
LAN DETAIL (D)

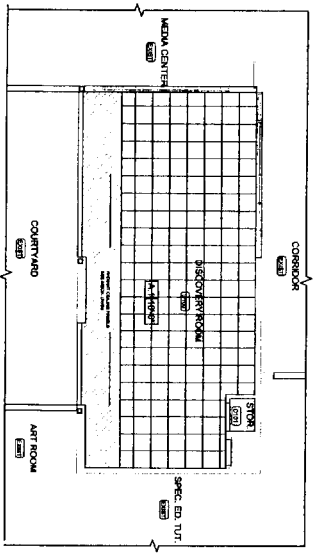
ARCHITECT  
**SEMPLÉ & DRANE ARCHITECTS**  
 486 CONGRESS STREET  
 PORTLAND, MAINE 04101  
 TEL. (207) 761-4231 FAX 7740152

OWNER  
**CITY OF PORTLAND**

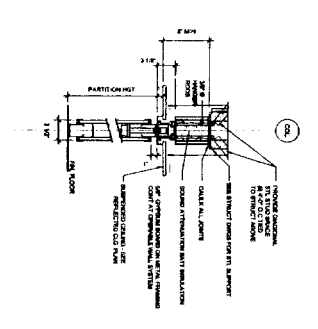
PROJECT  
**RIVERTON ELEMENTARY SCHOOL  
 /COMMUNITY CENTER  
 ADDITIONS AND RENOVATIONS**

DRAWING: **PLAN DETAILS AND WALL TYPES**  
 SCALE: **1"=1'-0"**  
 DATE: **05/09/06**  
 SHEET: **A300**

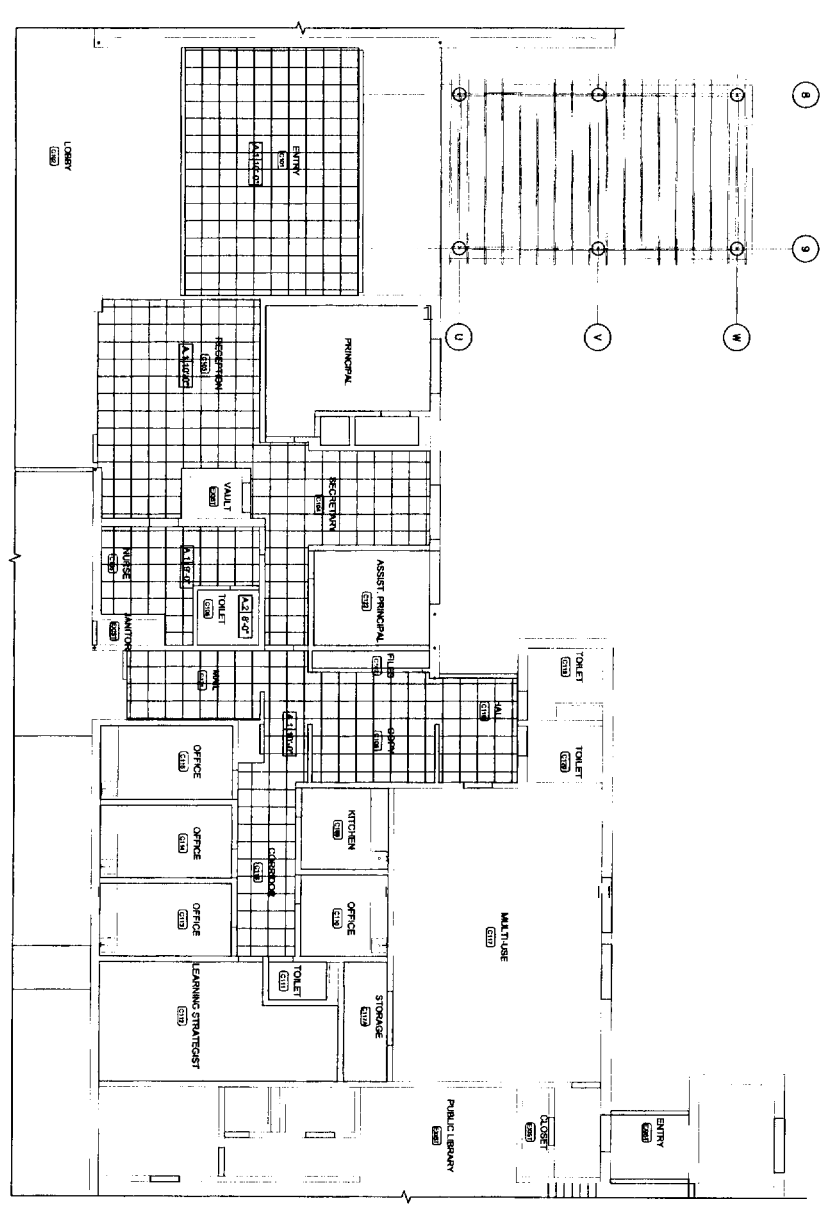




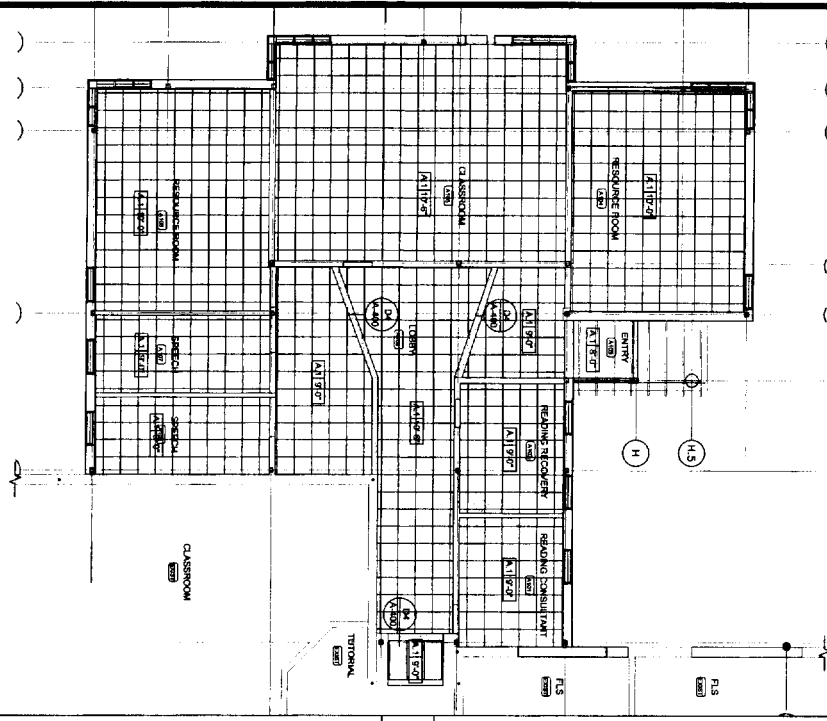
REFLECTED CLG PLAN - SCALE=1/8"=1'-0"



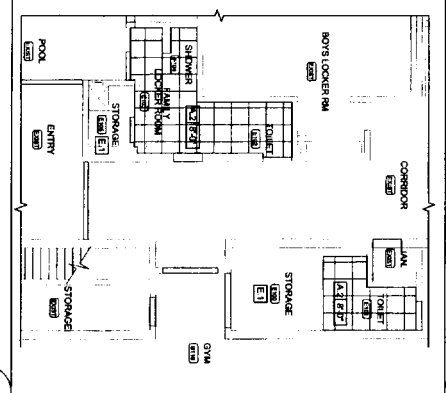
MOVABLE WALL DTL. - SCALE=1"=1'-0"



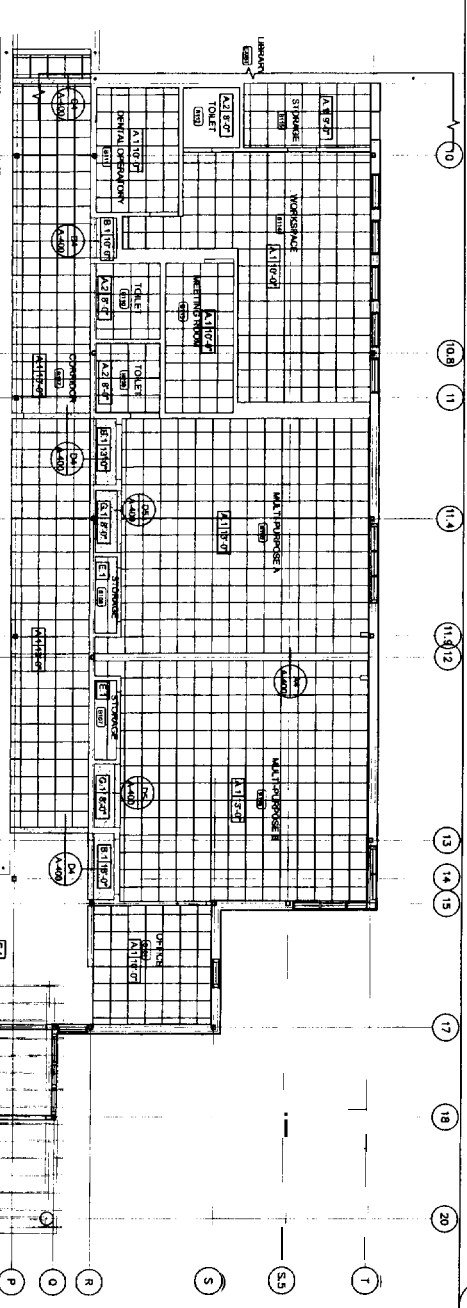
REFLECTED CEILING PLAN - SCALE=1/8"=1'-0"



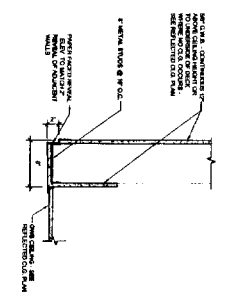
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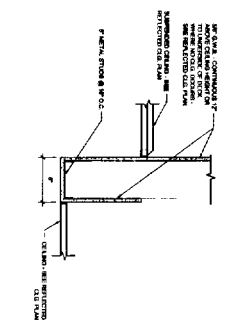
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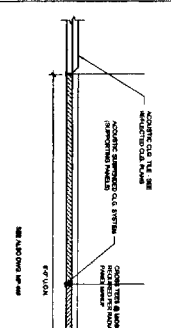
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SOFFIT DTL. - SCALE=1"=1'-0"



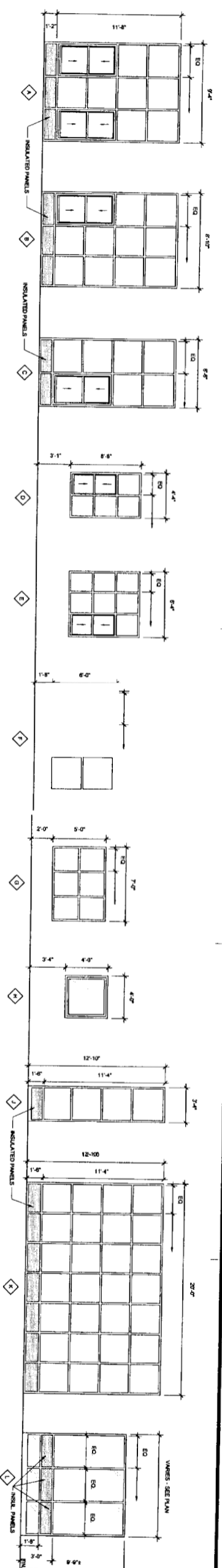
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RADIANT CLG PANEL DTL. - SCALE=1"=1'-0"

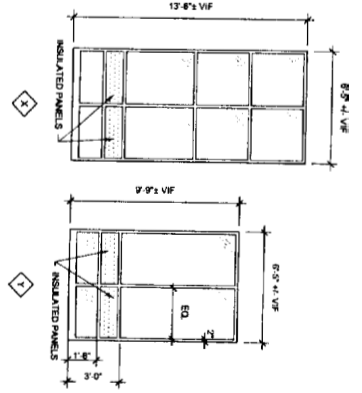
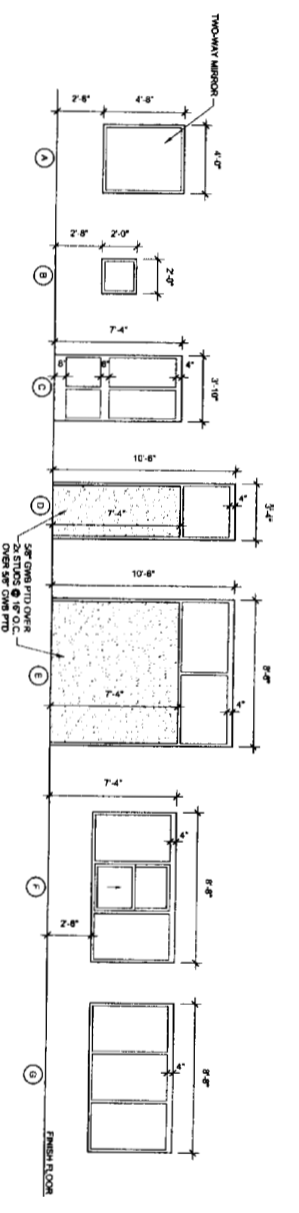
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99. EXISTING AND REMAINING EXISTING  
100. EXISTING AND REMAINING EXISTING





**EXTERIOR WINDOW SCHEDULE**

NO.	SYMBOL	TYPE	FINISH	GLASS	SCREEN	OPERATOR	FRAME	HEIGHT	WIDTH	AREA	PERIMETER	GLASS AREA	PERIMETER
1	A	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
2	B	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
3	C	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
4	D	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
5	E	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
6	F	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
7	G	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
8	H	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
9	I	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
10	J	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
11	K	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
12	L	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
13	M	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
14	N	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
15	O	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
16	P	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
17	Q	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
18	R	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
19	S	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00
20	T	DOUBLE HUNG	WOOD	6MM	NONE	HAND	WOOD	4'-0"	4'-0"	16.00	24.00	16.00	24.00

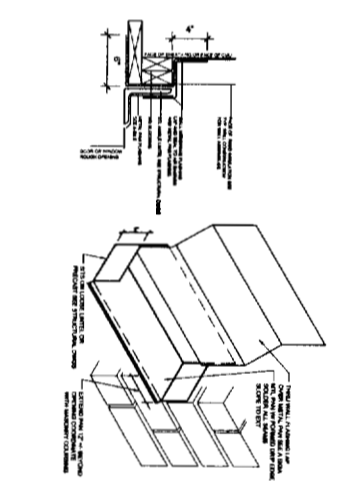


**EXTERIOR WINDOW TYPE**

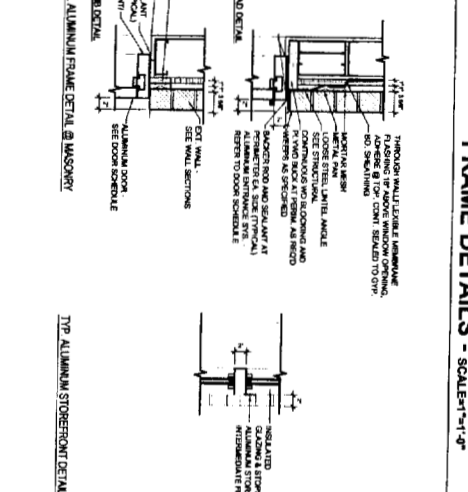
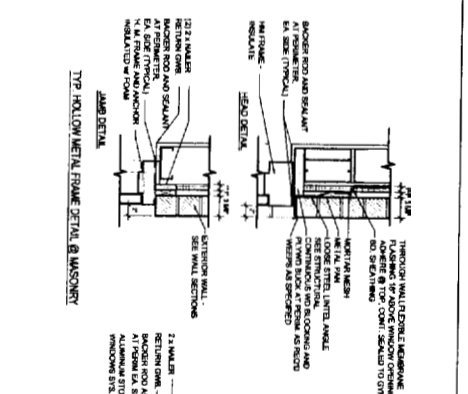
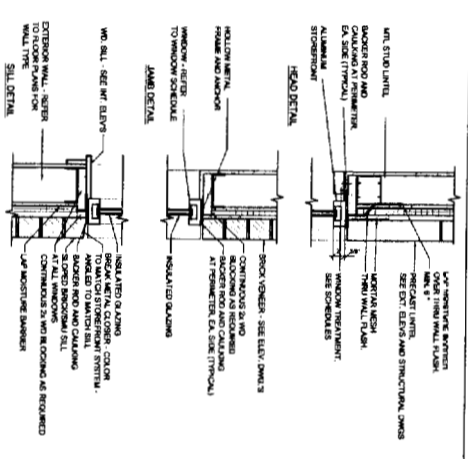
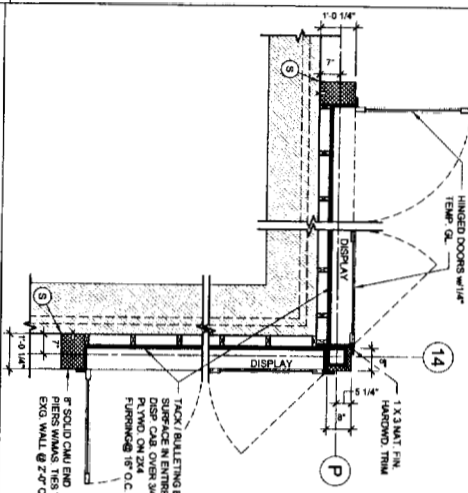
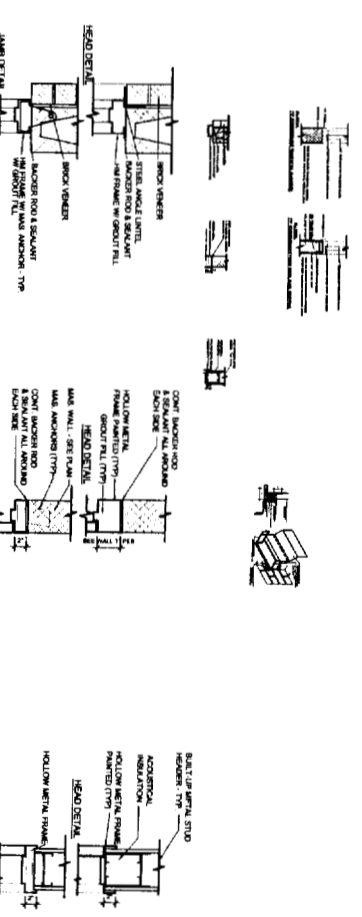
GENERAL NOTE:  
2 FRAME TYPES SHOWN. NOTED TYPE

WI W SCALE: REPLACEMENT WIND. TYPE SCALE:

**FLASHING DETAILS - N.T.S.**



**FRAME DETAILS - SCALE=1/4"=1'-0"**



DISP. DETAIL - SCALE=1/2"=1'-0"

EXT. WIN. FRAME DETAILS - SCALE=1/4"=1'-0"

FRAME DETAILS - SCALE=1/4"=1'-0"

DRAWING: WINDOWS & MISC DETAILS PROJECT: RIVERTON ELEMENTARY SCHOOL COMMUNITY CENTER ADDITIONS AND RENOVATIONS OWNER: CITY OF PORTLAND ARCHITECT: SEMPLE & DRANE ARCHITECTS 486 CONGRESS STREET PORTLAND MAINE 04101

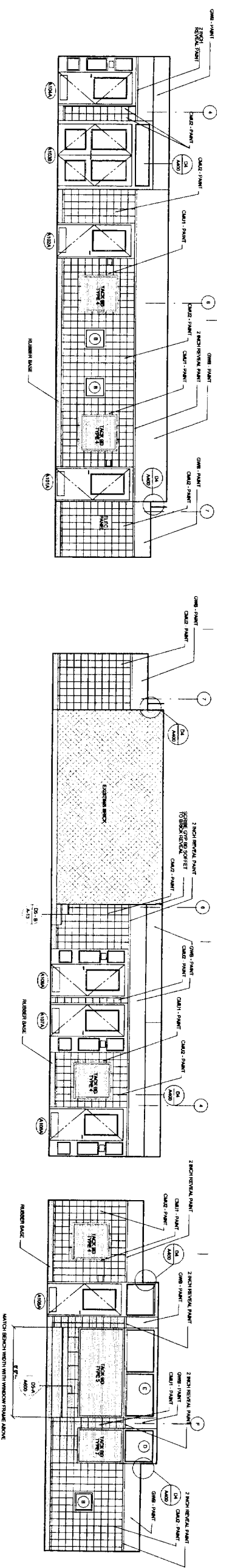
SCALE AS NOTED DATE: 05/09/06

REVISIONS:

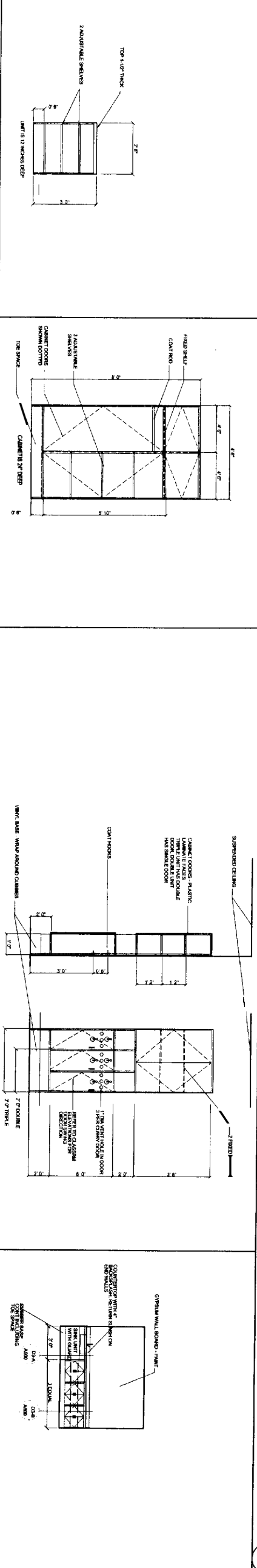
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SEAL

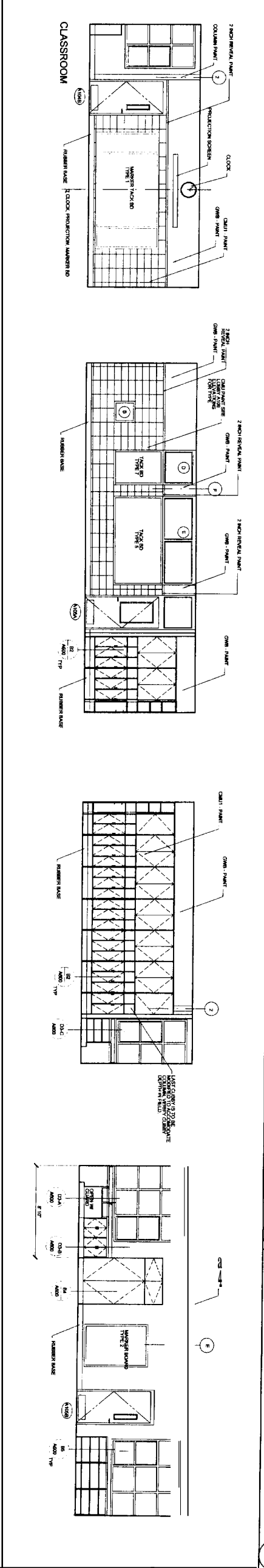




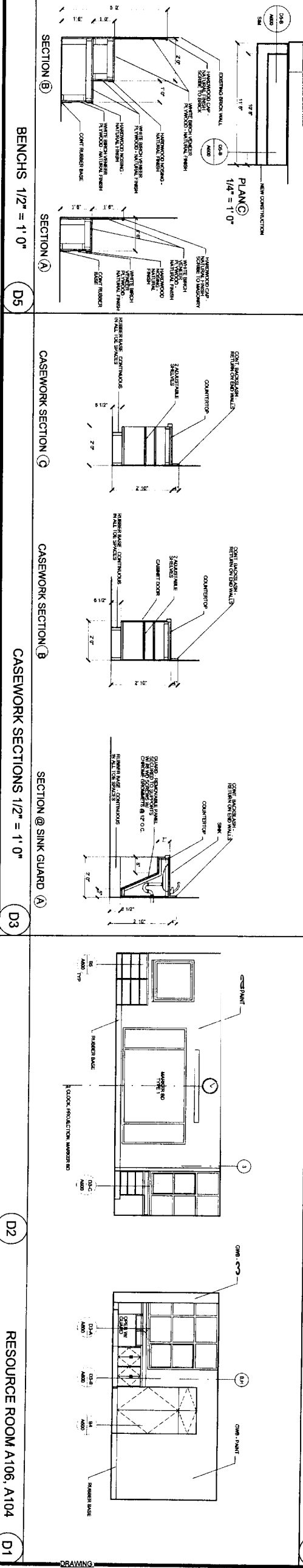
LOBBY A109



SPEECH A107, A108



CLASSROOM A105



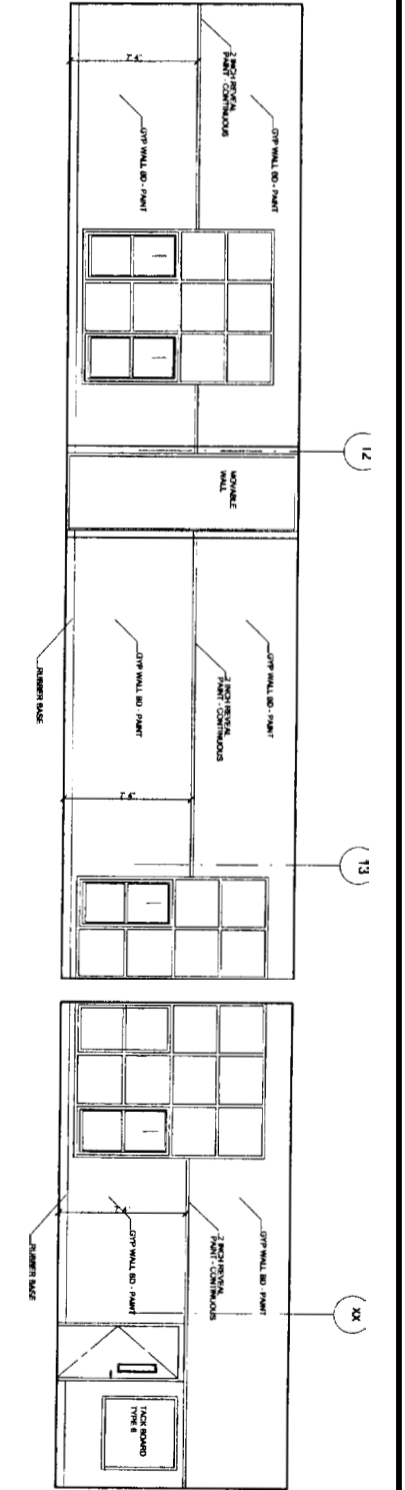
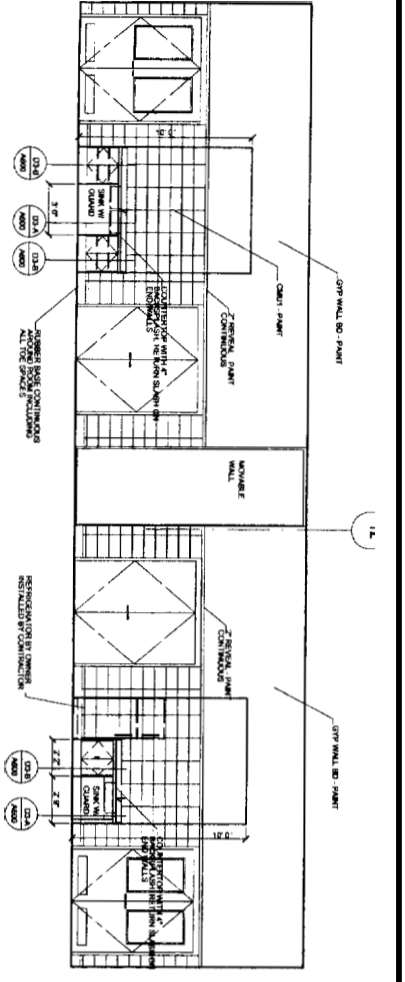
RESOURCE ROOM A106, A104

ARCHITECT:  
**SEMPLE & DRANE ARCHITECTS**  
 100 CONGRESS STREET  
 PORTLAND, OREGON 97201  
 TEL: (207) 761-4231 FAX: 774-0152  
 SDA@simpledrane.com

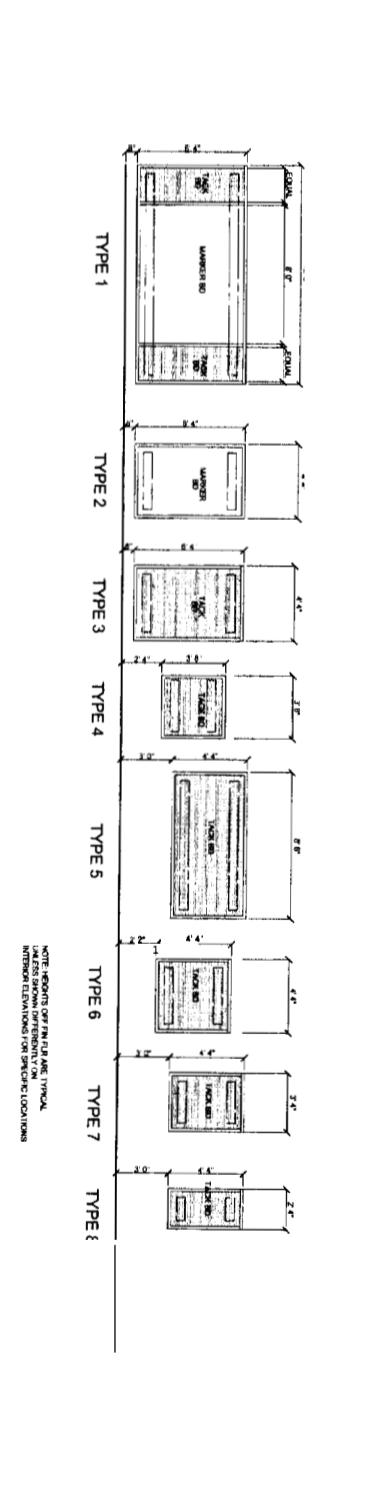
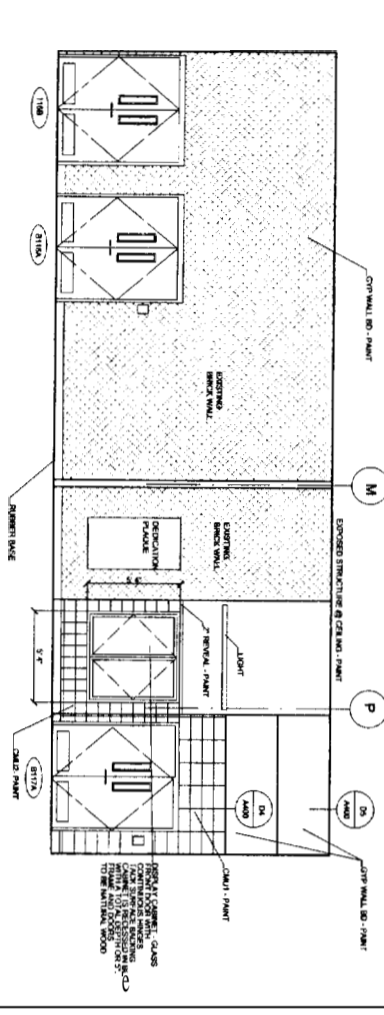
OWNER:  
 CITY OF PORTLAND

PROJECT:  
 DIVERTON EXPANSION  
 AND RENOVATION PROJECT

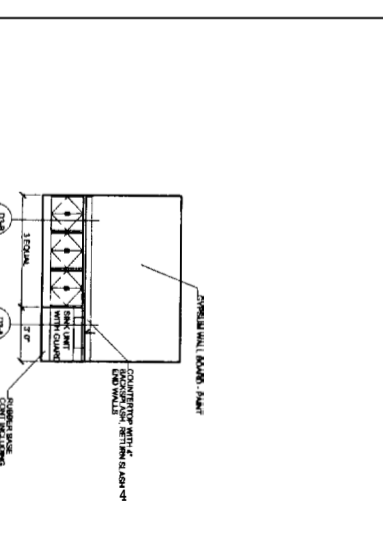
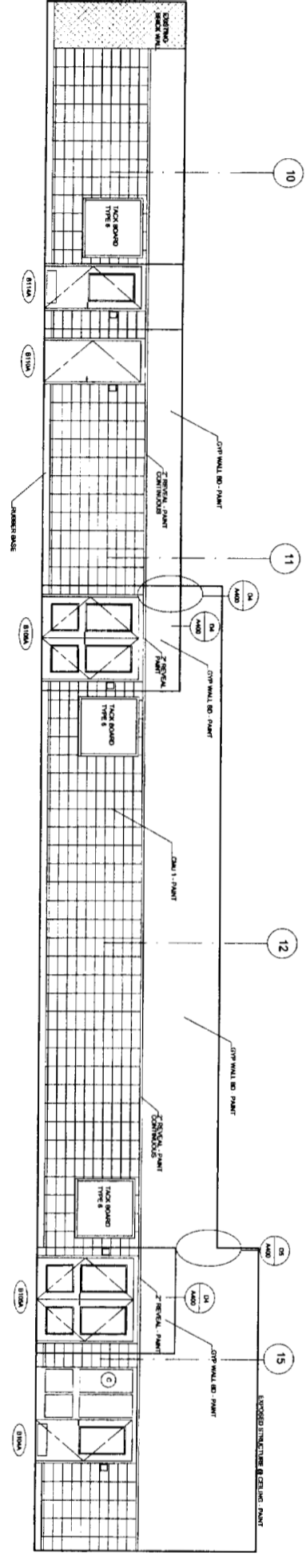
INTERIOR ELEVATIONS  
 SHEET: **A600**  
 SCALE: 1/4"=1'-0"  
 DATE: 05/09/08



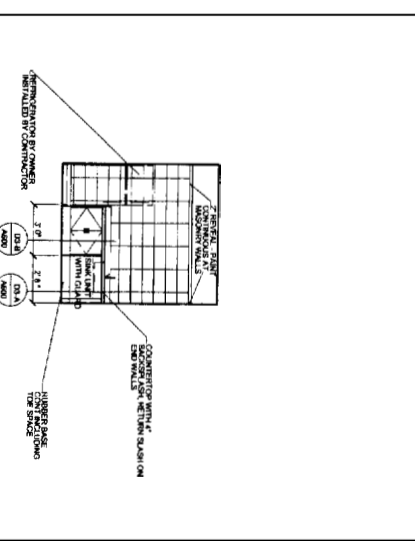
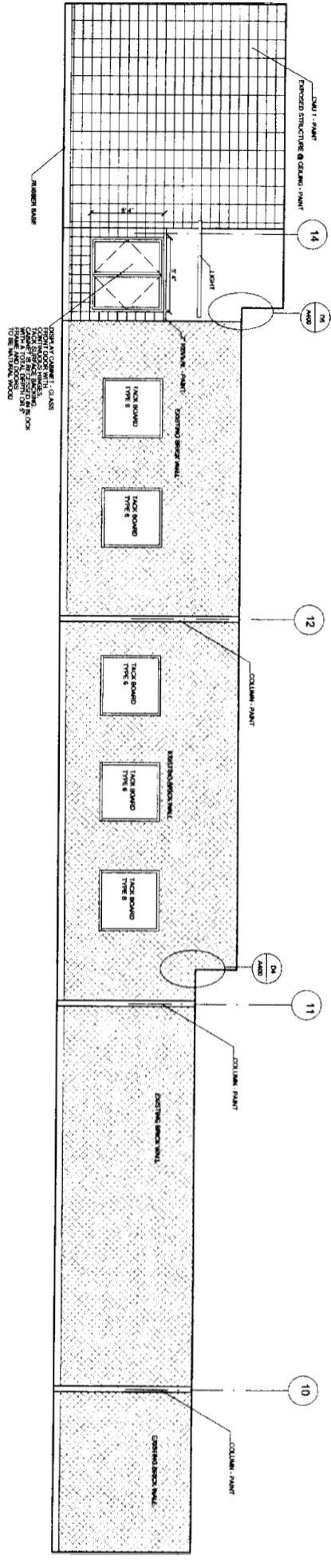
(A4) (A2) MILL TI-PURPOSE ROOM R105 R106 (A1)



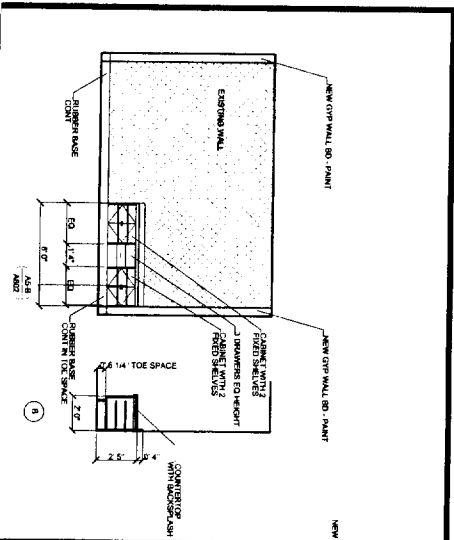
LOBBY B102 (B4) MARKER AND TACK BOARD SCHEDULE (R1)



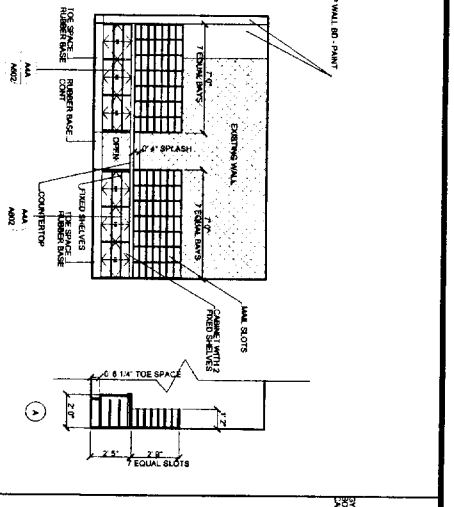
CORRIDOR B117 (C2) MENITAL OPERATORY R114 (C4)



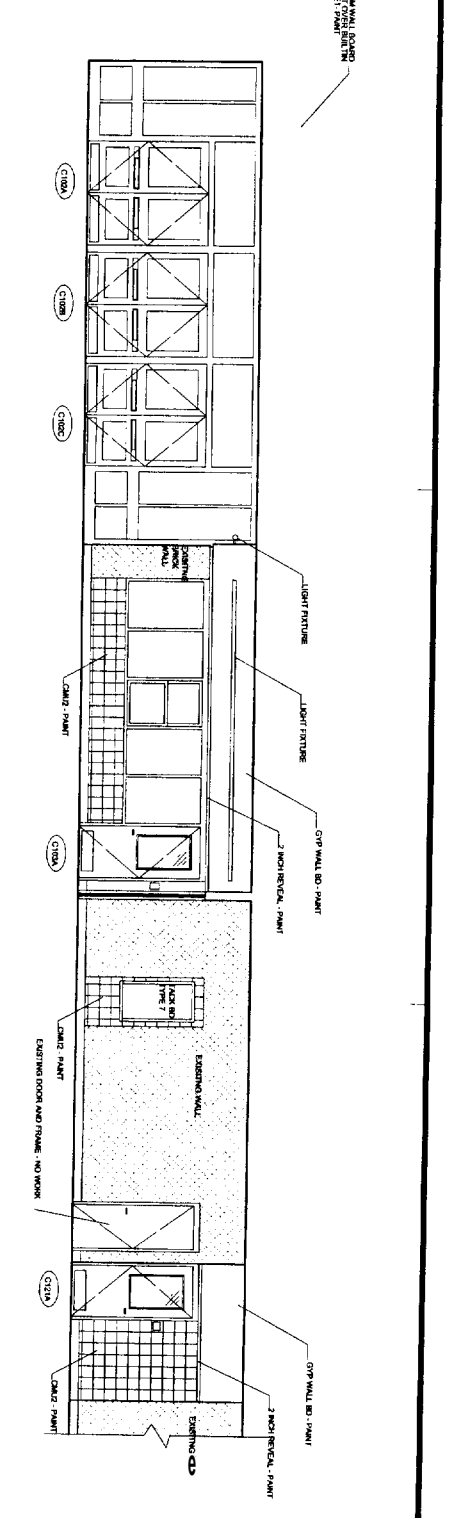
CORRIDOR B117 (D2) MEETING ROOM B113 (D1)



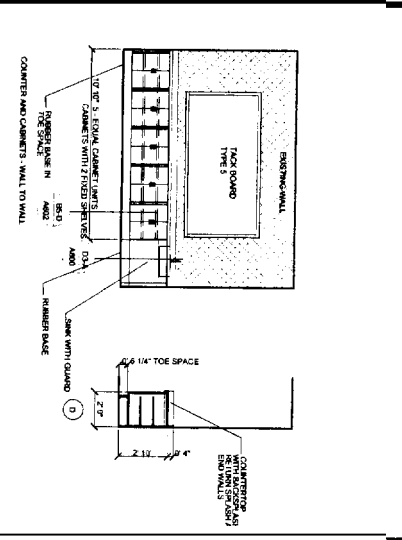
COPY C108 A5



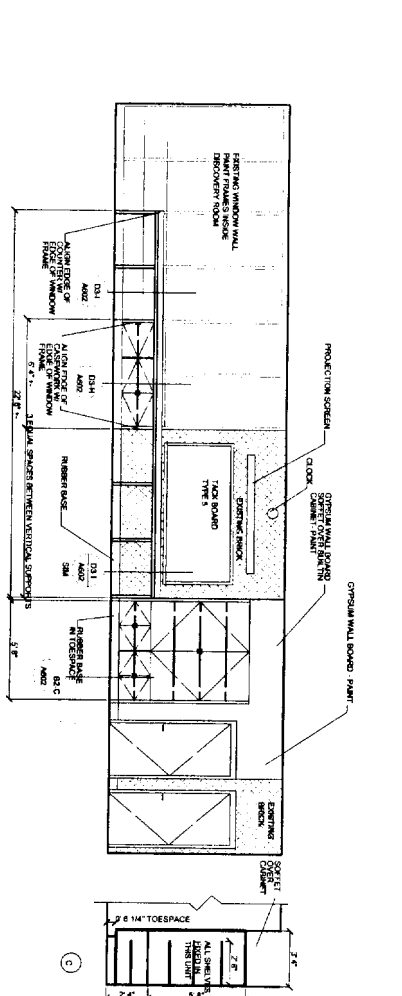
MAIL C121 A4



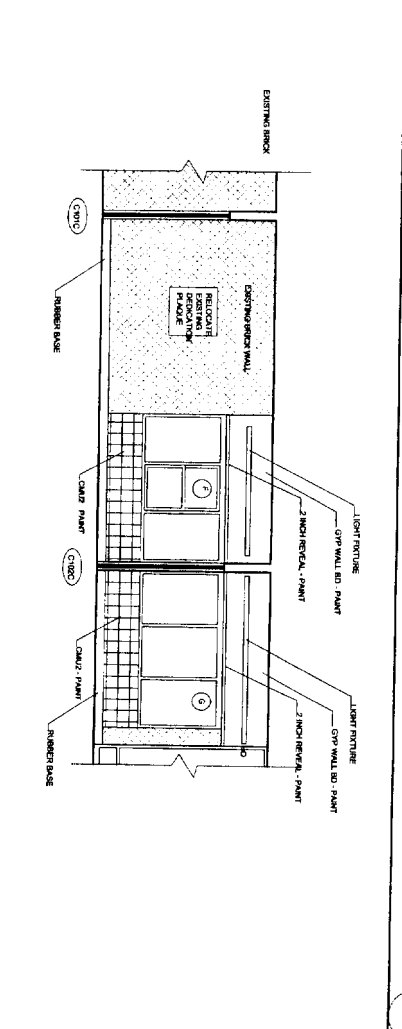
LOBBY C102 A1



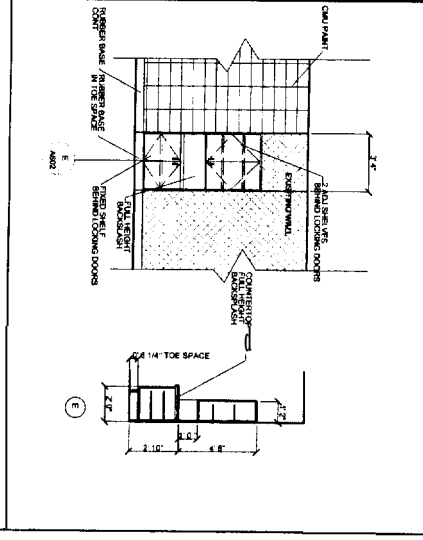
LEARNING STRATEGIST C112 B5



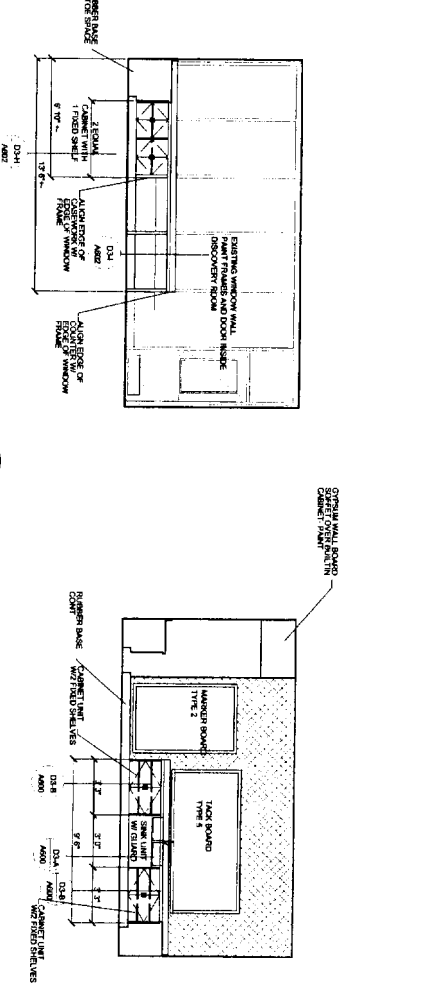
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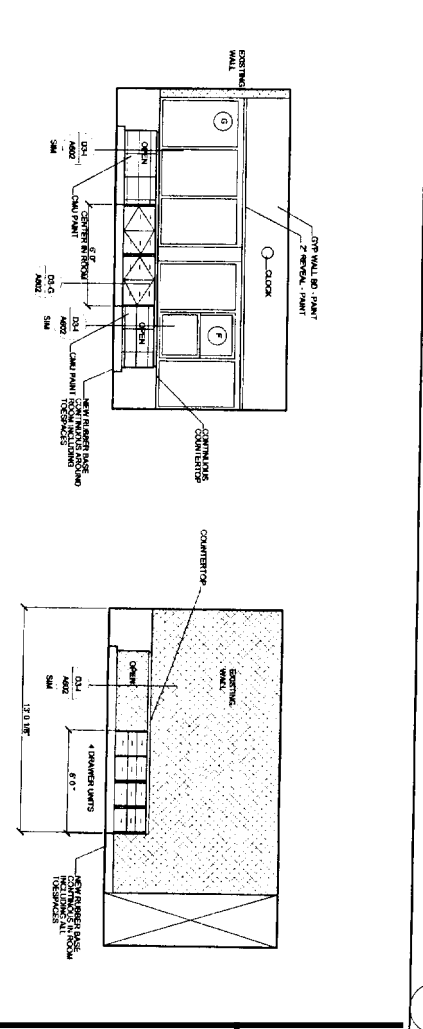
ENTRY C101, LOBBY C102 B1



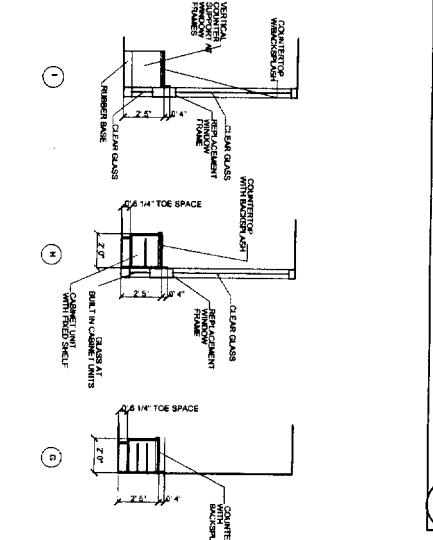
NURSE C105 C3



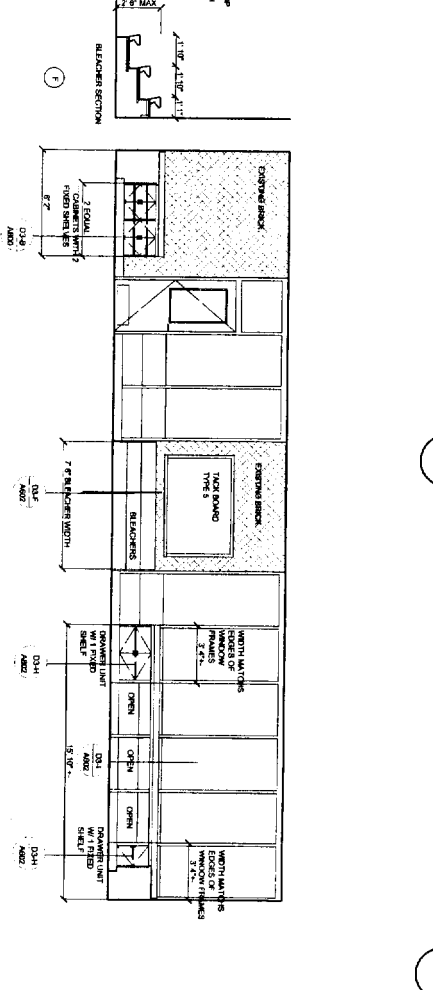
C4



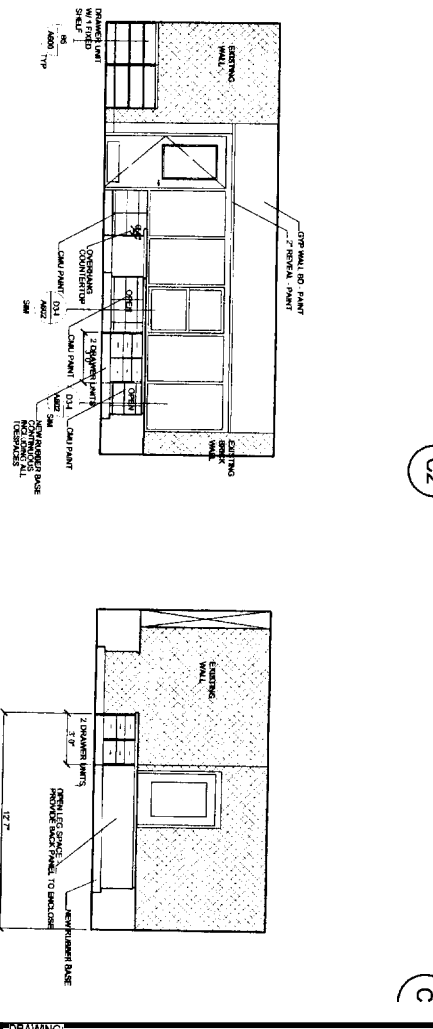
C2



C3



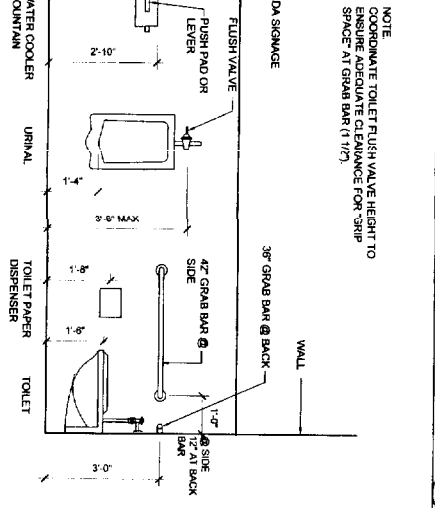
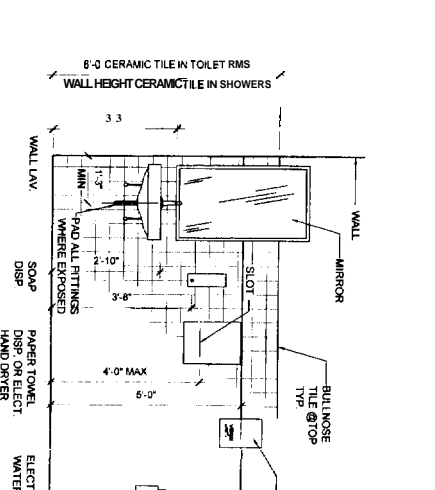
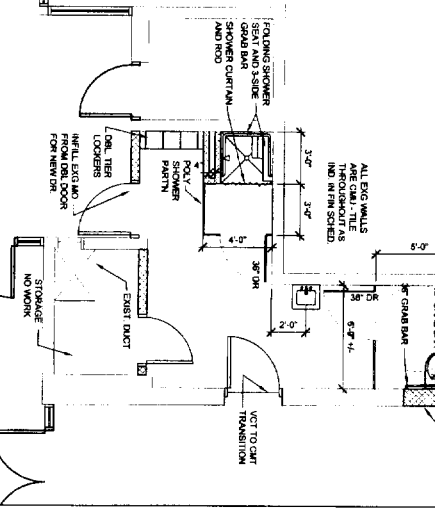
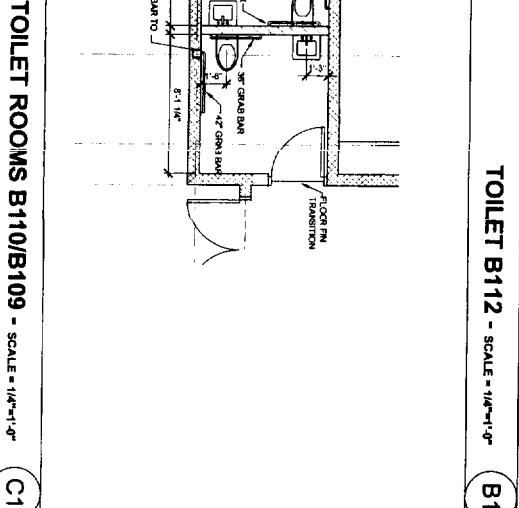
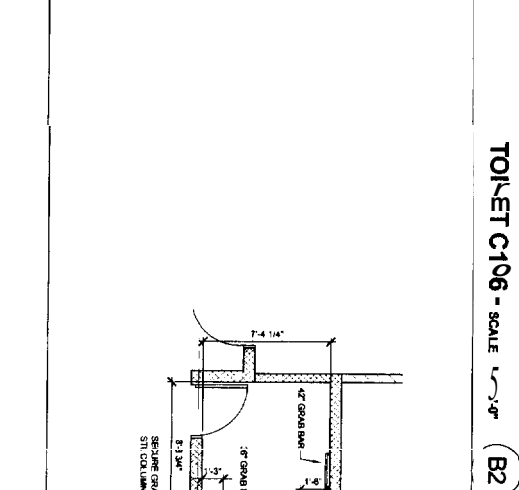
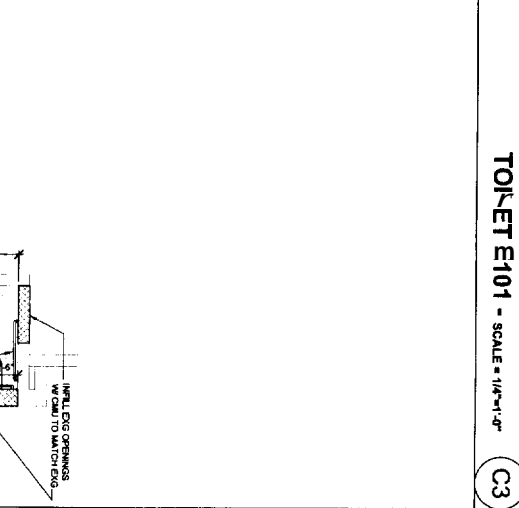
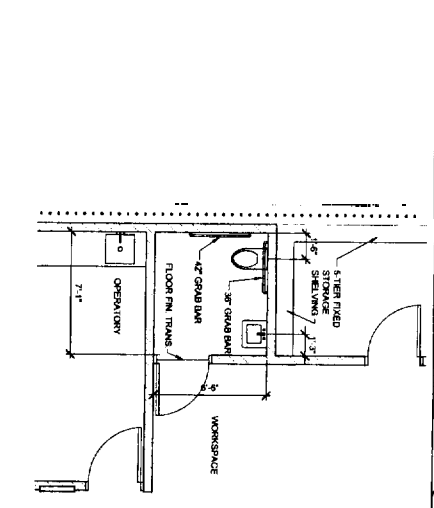
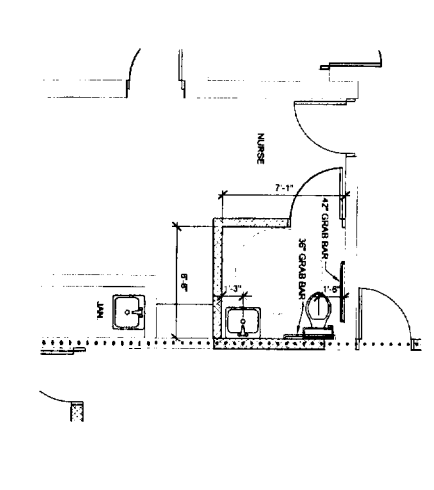
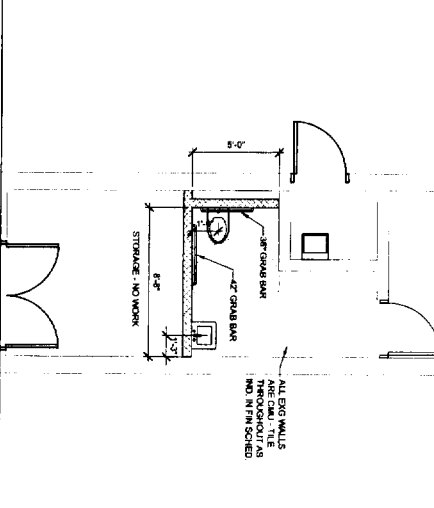
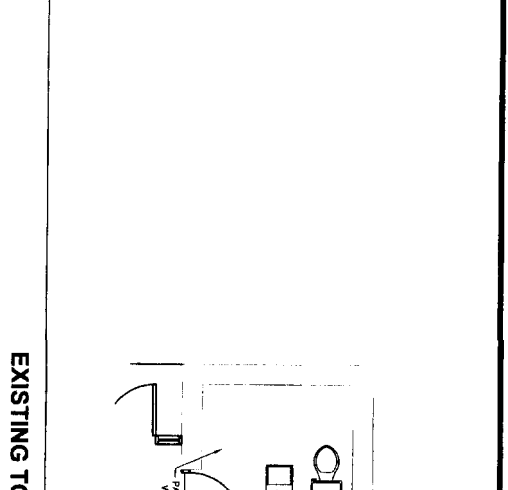
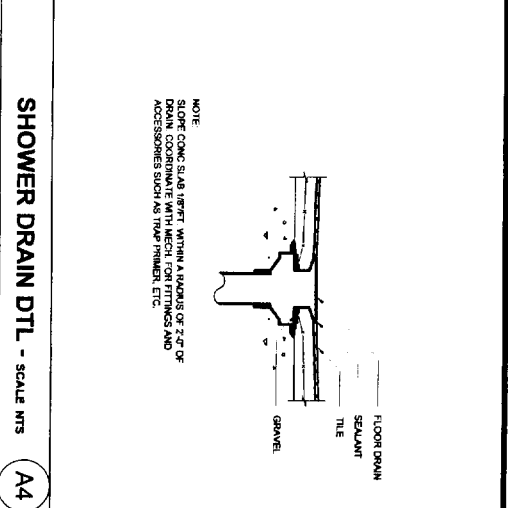
C4

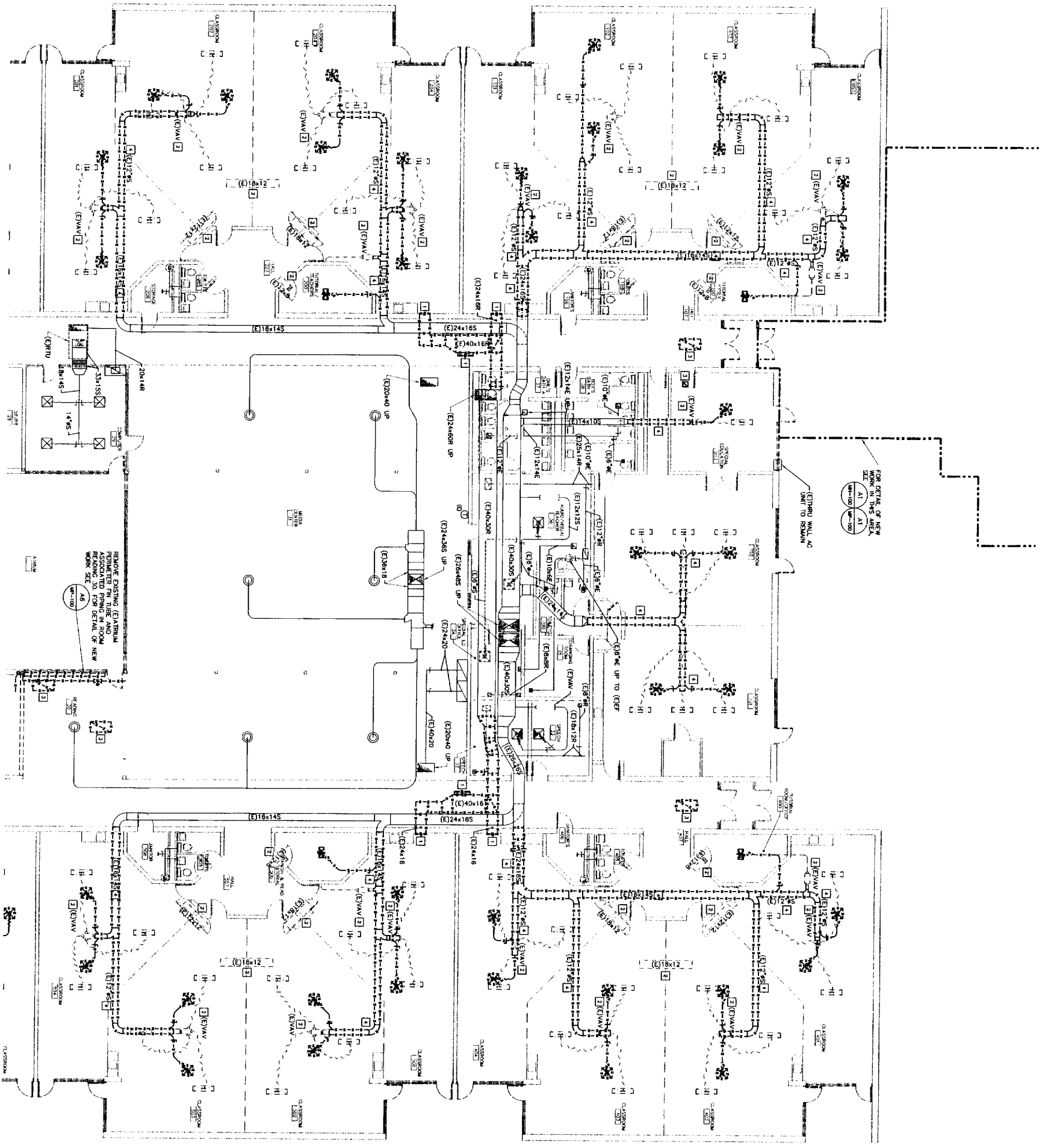


C2

**FINISH SCHEDULE**

NO.	NAME	FLOOR	BASE	WALLS				CEILING	REMARKS
				NORTH	EAST	SOUTH	WEST		
<b>CLASSROOM ADJUNCTION</b>									
A101	READING CONSULTANT	CARPET	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A102	READING RECOVERY	CARPET	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A103	ENTRY	RECESSED MANT	VT	EXISTING	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A104	RESOURCE ROOM	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A105	CLASSROOM	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A106	RESOURCE ROOM	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A107	SPEECH	CARPET	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A108	SPEECH	CARPET	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
A109	LOBBY	CARPET	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
<b>COMMITMENT ADJUNCTION</b>									
B101	ENTRY	RECESSED MANT	RUBBER	GWB#2	GWB#2	EXISTING	GWB#2	SA11	
B102	LOBBY	VT	VT	CAL/P/OMB#2	GWB#2	EXISTING	GWB#2	EXPOSED	
B103	GYM STORAGE	VT	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	GWB#2	EXPOSED	
B104	PERITZ	CARPET	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B105	MULTIPURPOSE B	VT	RUBBER	MOVABLE WALL	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B106	MULTIPURPOSE A	CARPET	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B107	STORAGE	VT	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B108	STORAGE	CARPET	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B109	TOILET	CERAMIC TILE	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B110	TOILET	CERAMIC TILE	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B111	RENTAL OPERATORY	VT	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B112	TOILET	CERAMIC TILE	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B113	MEETING ROOM	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B114	WORKSPACE	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
B115	STORAGE	VT	RUBBER	GWB#2	GWB#2	EXISTING	CAL/P/OMB#2	EXPOSED	
B117	COMBINA	VT	RUBBER	CAL/P/OMB#2	GWB#2	EXISTING	CAL/P/OMB#2	SA11	
<b>ADMINISTRATION RENOVATION</b>									
C100	PRINCIPAL	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C101	ENTRY	EXISTING	EXISTING	DOOR/WINDOW	EXISTING	DOOR/WINDOW	EXISTING	SA11	2
C102	LOBBY	EXISTING	EXISTING	DOOR/WINDOW	EXISTING	DOOR/WINDOW	EXISTING	EXISTING	2
C103	RECEPTION	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	GWB#2	SA11	2
C104	SECRETARY	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	SA11	2
C105	NURSE	VT	ROBBER	EXISTING	EXISTING	EXISTING	EXISTING	SA11	2,7
C106	NURSE TOILET	CERAMIC TILE	RUBBER	CAL/P	GWB#2	EXISTING	CAL/P	SA12	1,4
C107	FILES	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	GWB#2	SA11	1
C108	COPY	CARPET	RUBBER	GWB#2	GWB#2	EXISTING	GWB#2	SA11	1
C109	KITCHEN	VT	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C110	OFFICE	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C111	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C112	EXAMINING SUITE/TEST	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C113	OFFICE	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C114	OFFICE	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C115	OFFICE	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C116	HALL	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C117	HALL	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C118	HALL	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C119	COMBODOR	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1
C120	TOILET	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1.5
C121	HALL	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1.5
C122	ASSISTANT PRINCIPAL	CARPET	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	1.3
<b>RENOVATION ROOM</b>									
D100	DISCOVERY	VT	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	SA11	1,2,11
<b>GYMPOOL AREA</b>									
E101	TOILET	CERAMIC TILE	RUBBER	CAL/P	EXISTING	EXISTING	CAL/P	SA12	3,4,6,8,9
E102	PAINT Y LOCKER ROOM	CERAMIC TILE	RUBBER	EXISTING	EXISTING	EXISTING	EXISTING	SA12	3,4,6,7,8,9
E103	STORAGE	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	EXISTING	3,6,8
<b>REMARKS</b>									
1. REPAINT ALL EXISTING PAINTED WALL SURFACES									
2. PAINT ALL NEW GYPSUM WALL BOARD WALL SURFACES									
3. PAINT ALL NEW GYM WALL SURFACES									
4. CERAMIC WALL TILE WANSICOT TO 4" OFF FINISH FLOOR									
5. REMOVE EXISTING TOILET PARTITIONS PATCH TO MATCH									
6. PAINT ALL WALLS - NEW AND EXISTING									
7. PAINT BOTH SIDES OF NEW GYM WALLS									
8. ALL GYM TO BE MOISTURE RESISTANT									
9. MOISTURE RESISTANT GYM FLOOR FOR FULL EXTENT OF WET WALL									
10. PROVIDE HOLLOW WALL CAPS WITH SUSPENDED ACCESSIBLE TILE CEILING									
11. REPAINT ALL EXISTING INTERIOR DOORS AND WINDOW FRAMES									

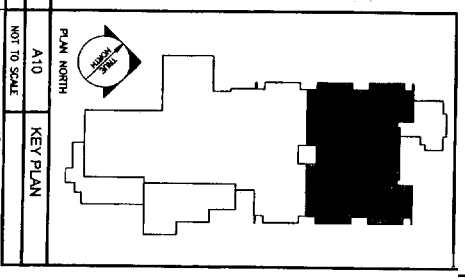




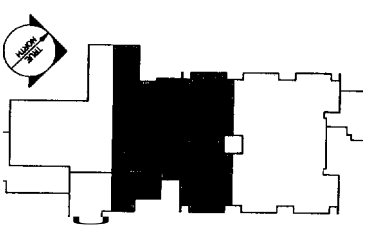
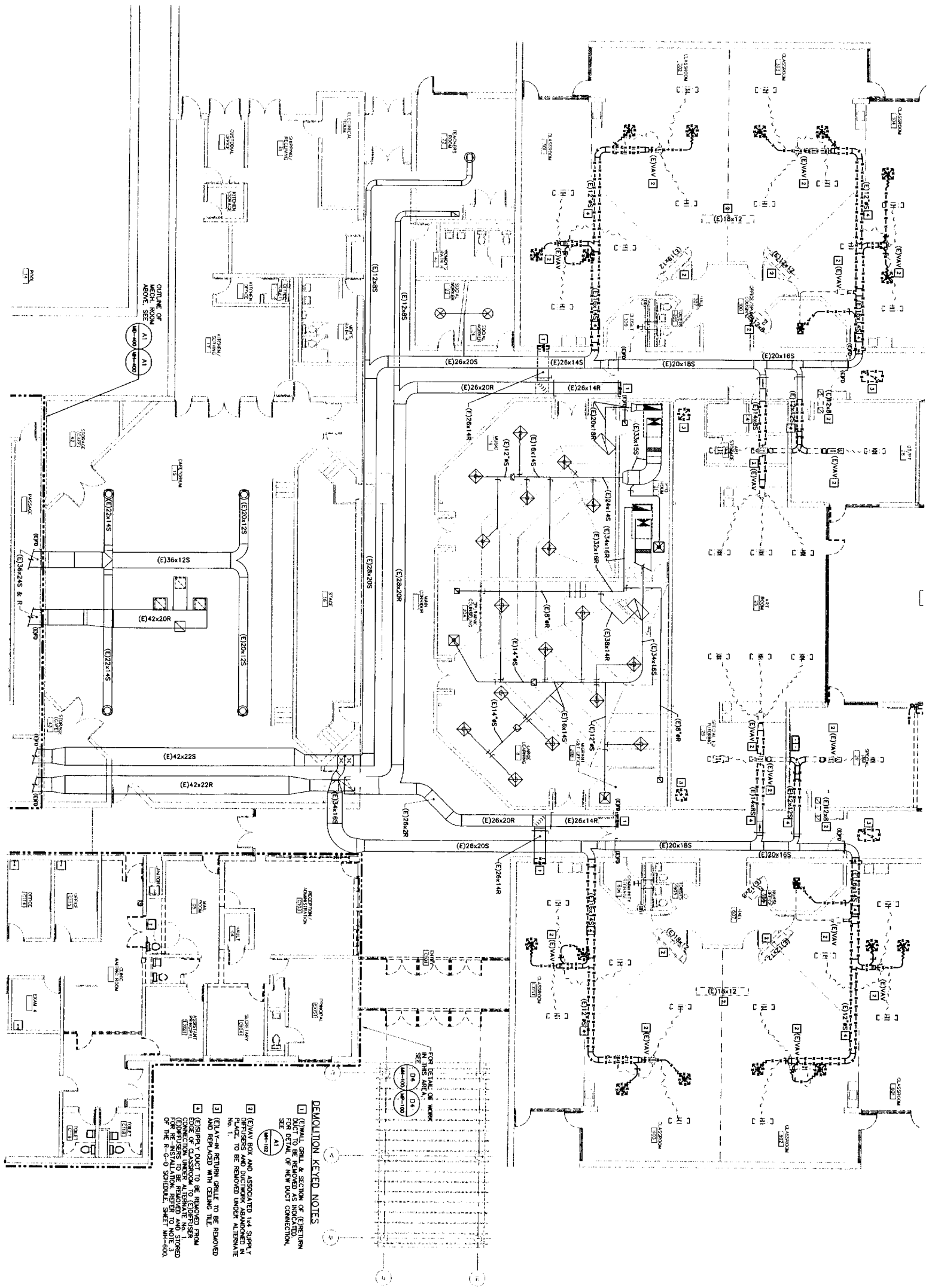
REMOVE EXISTING EXHAUST FAN ASSOCIATED PIPING IN ROOM 20N148  
SEE DETAIL OF NEW WORK SEE A-6

FOR DETAIL OF NEW WORK SEE A-6  
SEE DETAIL OF NEW WORK SEE A-6

- DEMOLITION KEYED NOTES**
- EXHAUST GRILL & SECTION OF DUCTWORK TO BE REMOVED FOR DETAIL OF NEW DUCT CONNECTION. SEE A-1
  - EXHAUST BOX AND ASSOCIATED 1/4" SUPPLY PIPING TO BE REMOVED UNDER ALTERNATE No. 1
  - EXHAUST RETAIN GRILLE TO BE REMOVED AND REPLACED WITH CEILING TILE
  - EXHAUST DUCT TO BE REMOVED FROM ROOM 20N148 TO EXHAUSTER CONNECTION TO EXHAUSTER EXPANSION TO BE REMOVED AND STORED OFF SITE. SEE DETAIL OF NEW WORK SEE A-6



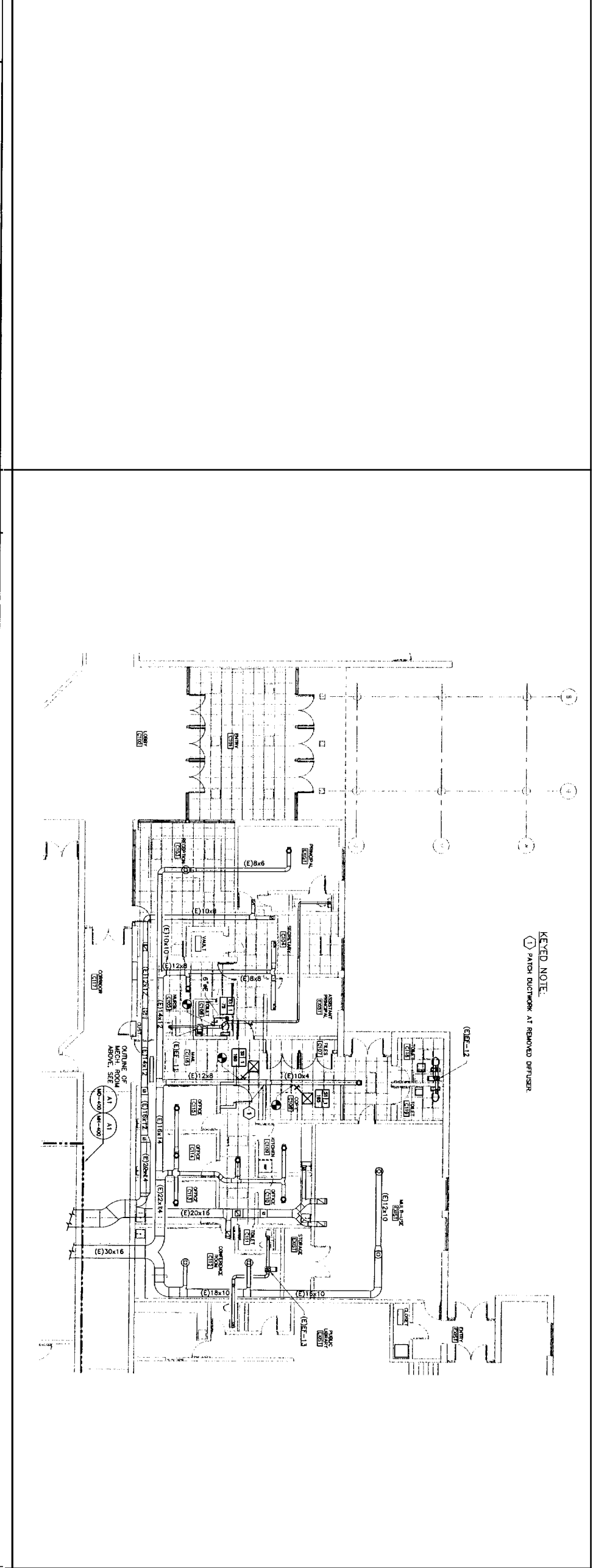
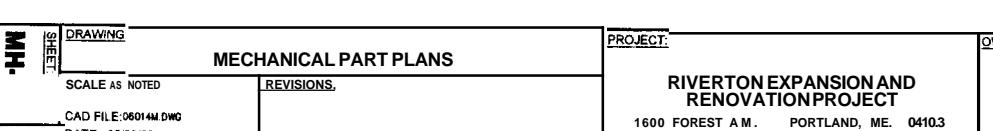
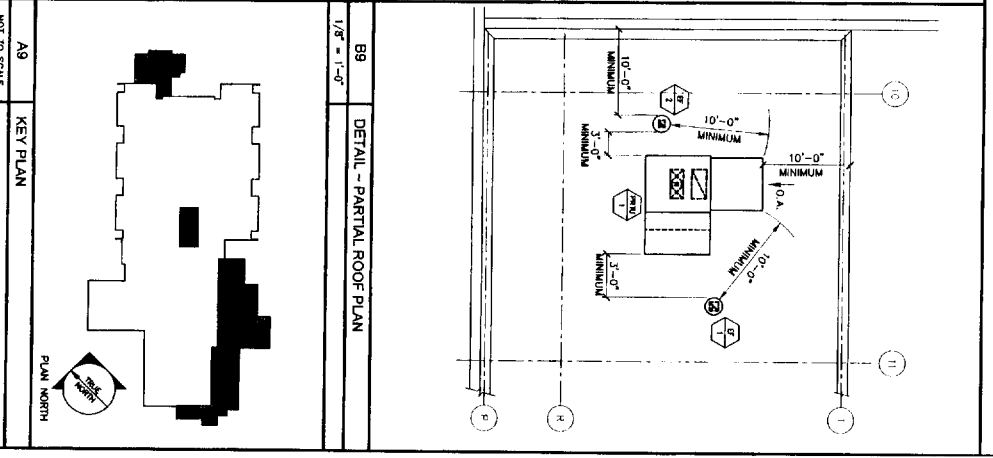
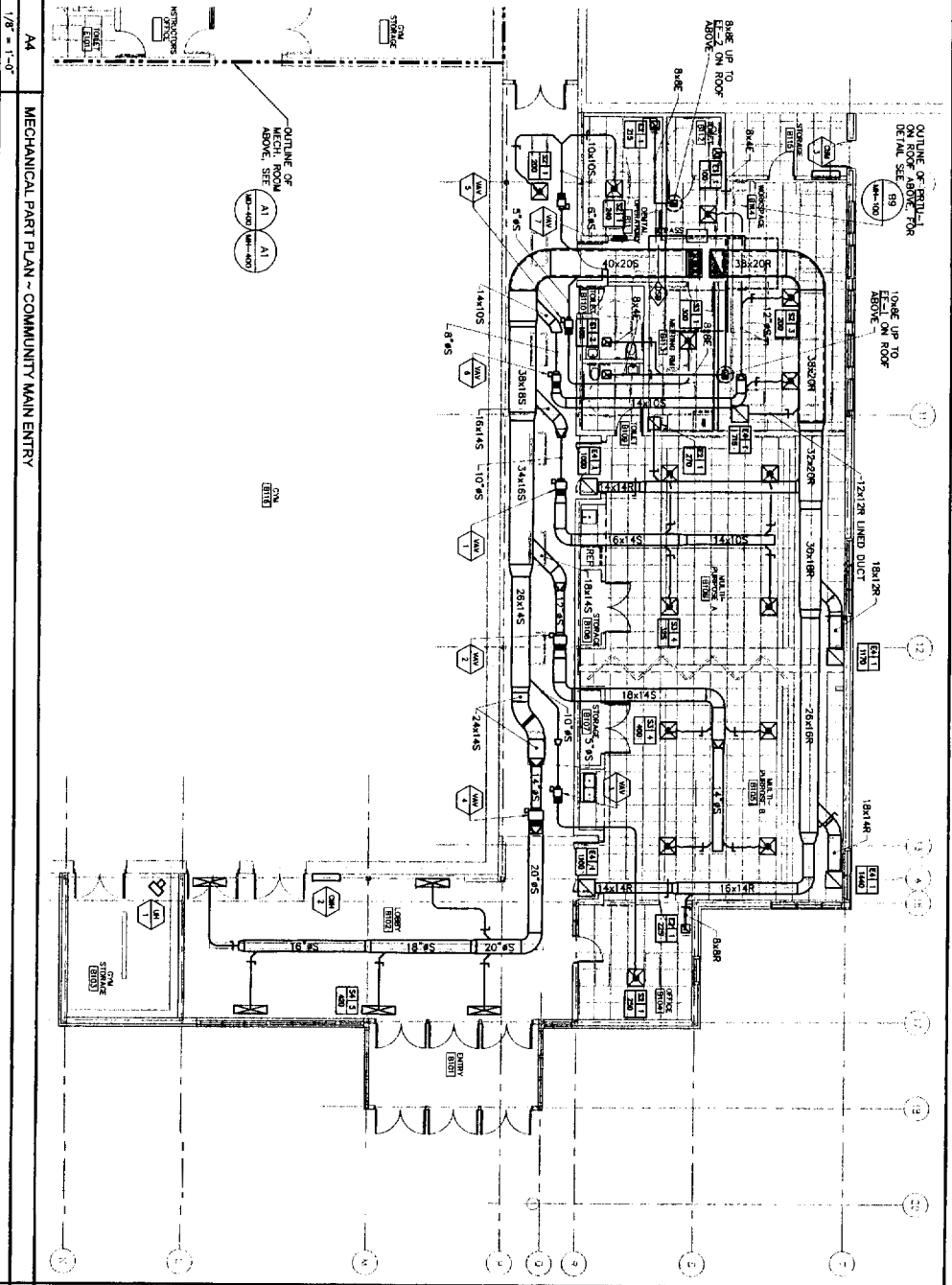
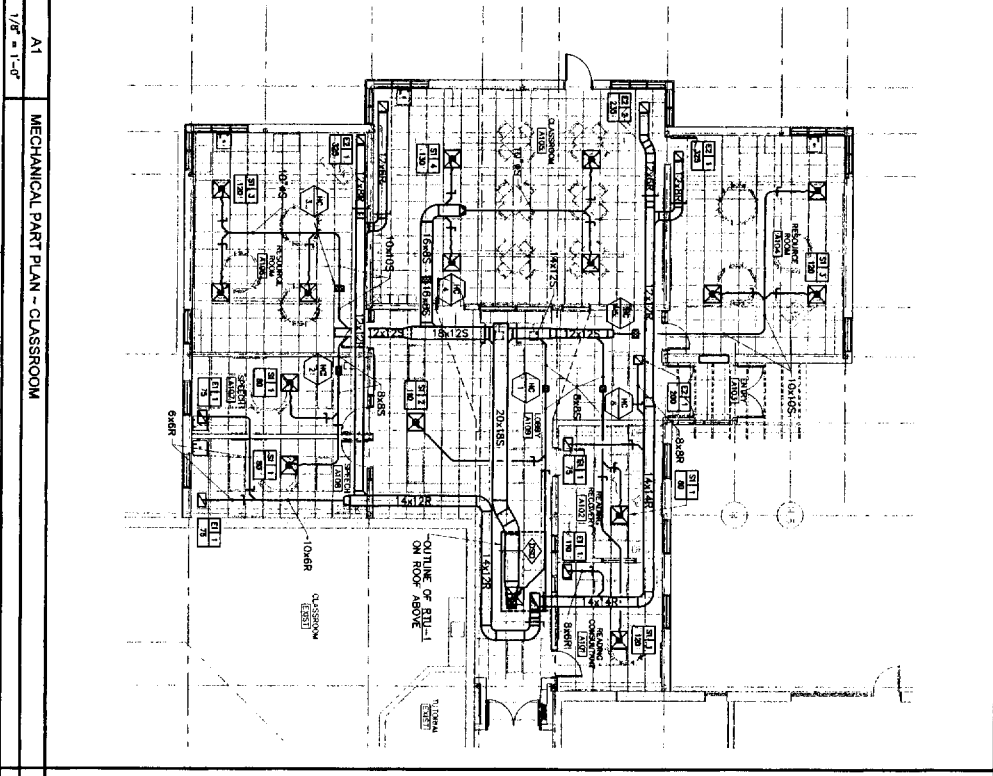
<b>MD-100</b> DRAWING: MECHANICAL DEMOLITION PART PLAN SCALE: AS NOTED CAD FILE: 06014M.DWG DATE: 05/09/08	PROJECT: RIVERTON EXPANSION AND RENOVATION PROJECT 1600 FOREST AVE. PORTLAND, ME. 04103	OWNER: CITY OF PORTLAND	ENGINEERING: Allied Engineering 160 Veranda Street Portland, Maine 04183 T: 207.221.2260 F: 207.221.2268 Web: www.allied-eng.com	ARCHITECT: SEMPLE & DRANE ARCHITECTS 498 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152 SDA@sempledrane.com	
	REVISIONS:				



<b>MD-101</b> SHEET	<b>DRAWING</b> MECHANICAL DEMOLITION PART PLAN	<b>PROJECT</b> RIVERTON EXPANSION AND RENOVATION PROJECT 1600 FOREST A.M. PORTLAND, ME. 04103	<b>OWNER</b> CITY OF PORTLAND	<b>ENGINEERING</b> Allied Engineering 168 Veranda Street Portland, Maine 04103 Tel: 207.221.2160 Fax: 207.221.2161 Web: www.allied-eng.com	<b>ARCHITECT</b> SEMPLE & DRANE ARCHITECTS 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152 SDA@sempledrane.com
	SCALE: AS NOTED CAD FILE: MOM.OVO DATE: 05/09/06				



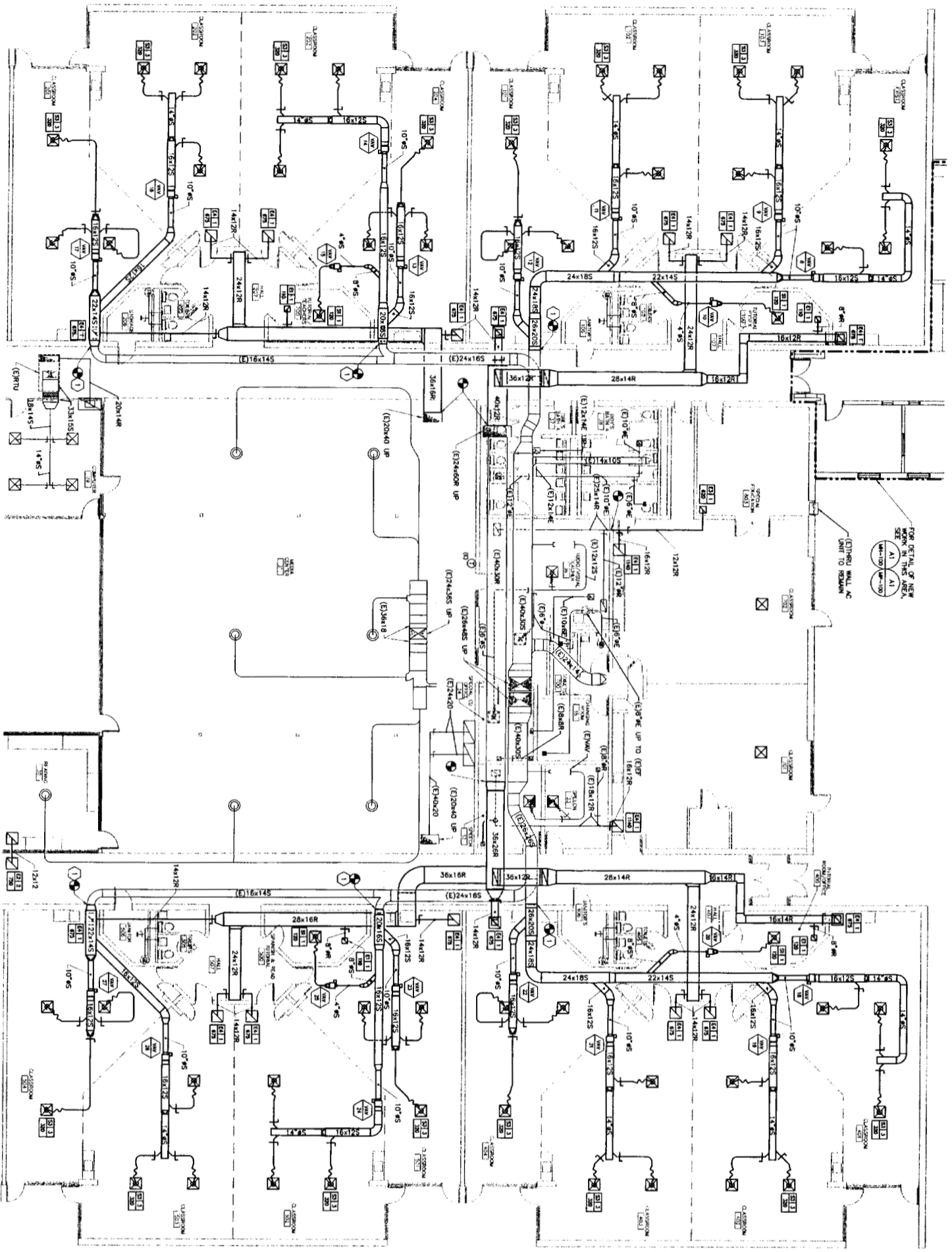




KEYED NOTE:  
 ① PATCH DUCTWORK AT REMOVED DIFFUSER



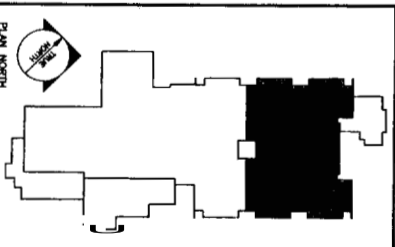
1/8" = 1'-0"  
 A1  
 EXISTING/NEW CONDITIONS

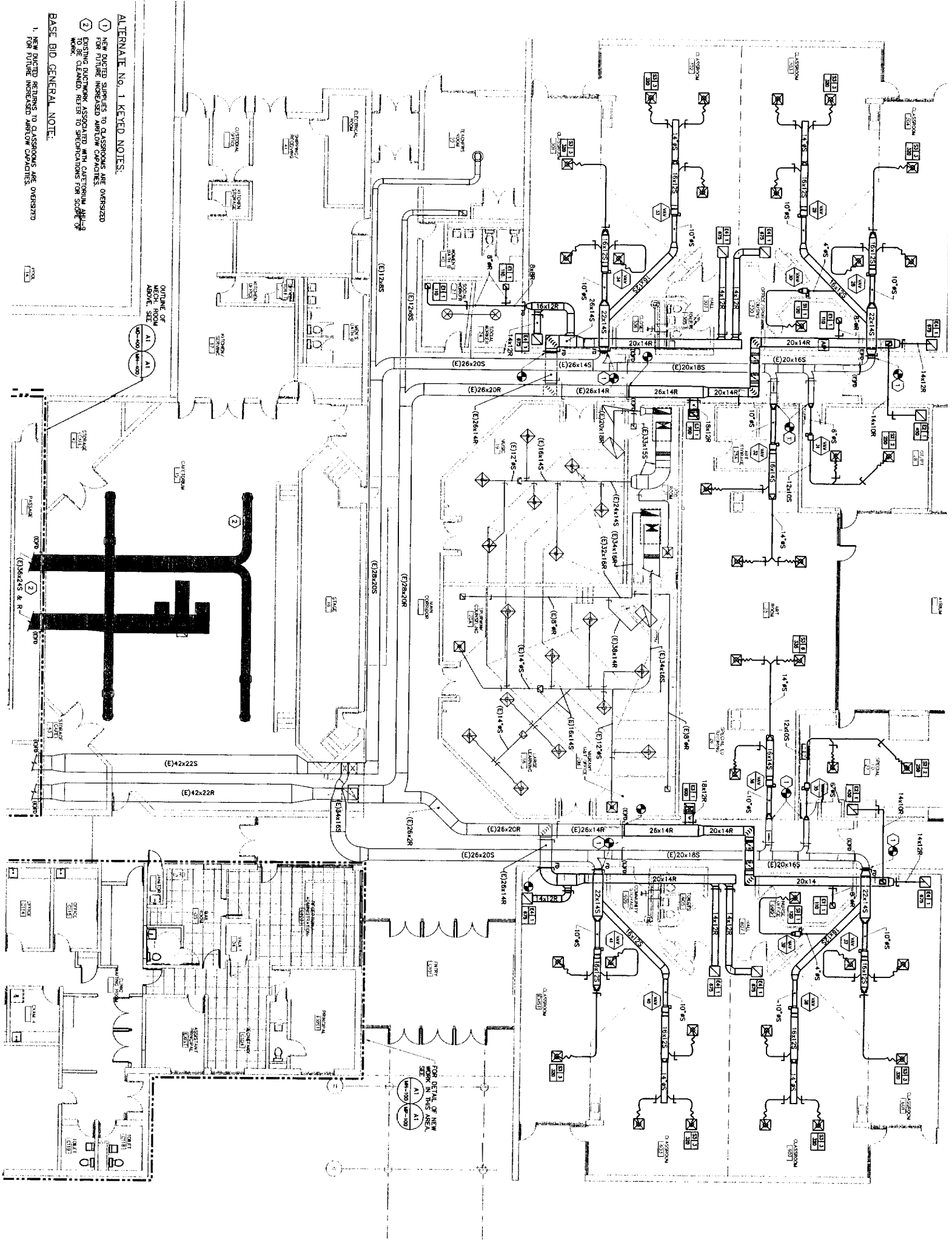


FOR DETAIL OF NEW  
 WORK IN THIS AREA,  
 SEE A1  
 (10'-0" x 10'-0")

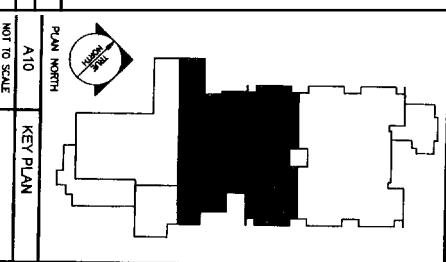
ALTERNATE NO. 1 KEYED NOTE:  
 1. NEW DUCTED RETURNS TO CLASSROOMS ARE OVSIZED  
 FOR FUTURE INCREASED AIRFLOW CAPACITIES.  
 2. NEW DUCTED RETURNS TO CLASSROOMS ARE OVSIZED  
 FOR FUTURE INCREASED AIRFLOW CAPACITIES.

BASE BID GENERAL NOTE:





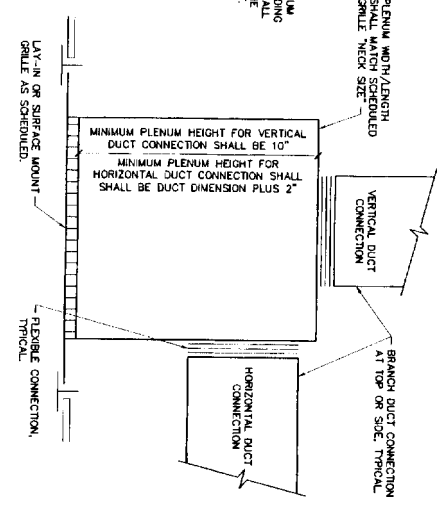
- ALTERNATE No. 1 KEYED NOTES:**
- 1 NEW DUCTED SUPPLIES TO CLASSROOMS ARE OVERTIZED FOR FUTURE INCREASED AIRFLOW CAPACITIES
  - 2 EXISTING DUCTWORK ASSOCIATED WITH CATERING AREA WORK
- BASE BID GENERAL NOTE:**
- 1 NEW DUCTED RETURNS TO CLASSROOMS ARE OVERTIZED FOR FUTURE INCREASED AIRFLOW CAPACITIES



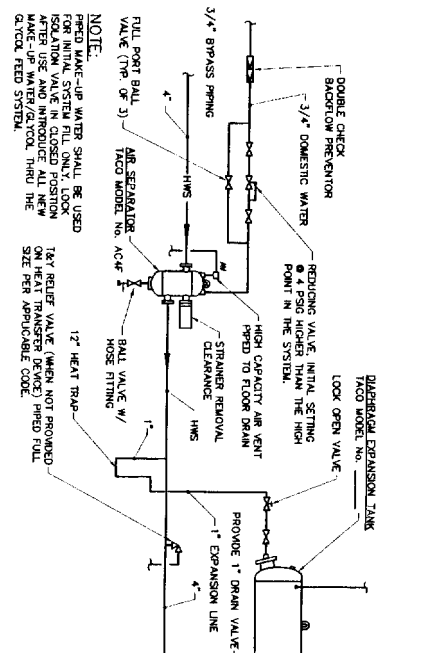
<b>DRAWING SHEET</b> <b>MH-02</b>	<b>DRAWING:</b> MECHANICAL PART PLAN REVISIONS	<b>PROJECT:</b> RIVERTON EXPANSION AND RENOVATION PROJECT 1600 FOREST A M PORTLAND, ME 04103	<b>OWNER:</b> CITY OF PORTLAND	<b>ENGINEERING:</b> Allied Engineering 160 Versada Street Portland, Maine 04103 T: 207.221.2266 F: 207.221.2266 Web: www.alliedeng.com	<b>ARCHITECT:</b> SEMPLE & DRANE ARCHITECTS 496 CONGRESS STREET PORTLAND MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152	
	SCALE AS NOTED CAD FILE 06014.DWG DATE 05/09/08					



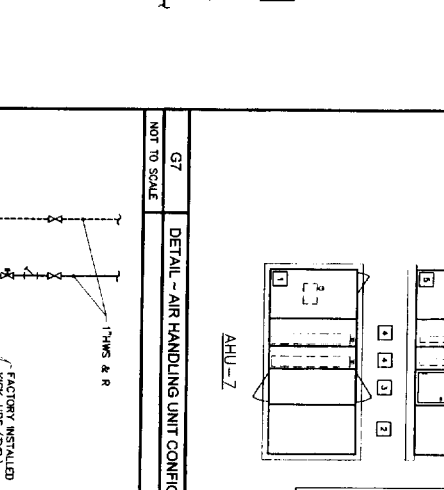
NOTES:  
 1. VAV BOXES TO BE PLUMB  
 HEIGHT DUE TO BUILDING  
 STRUCTURE, ETC. SHALL  
 BE APPROVED BY THE  
 DESIGNER/ARCHITECT.



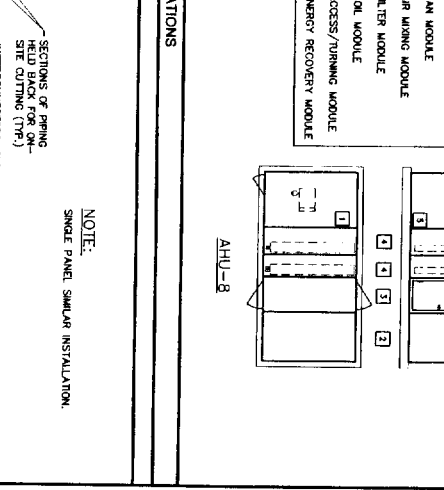
NOTES:  
 1. PITCH ELEMENTS UP IN DIRECTION OF FLOW  
 2. ON STRAIGHT RUN EXHAUST PIPING GREATER THAN 30' OF IN LENGTH, INSTALL EXPANSION COMPENSATORS  
 EQUAL TO FLEXIONS MODEL 1" WITH GUIDES AND ANCHORS, SAME SIZE AS PIPE, 30'-0" O.C. MAX.



NOTES:  
 1. 1/4\"/>
 2. PAD HEIGHT DETERMINED BY MINIMUM SPACE REQUIRED TO INSTALL TRAP.  
 3. SEE FLOORING DRAWINGS FOR AHU CONDENSATE PRE FOOTING AND TERMINATION FOR ROOF TOP AHU'S.  
 4. ROOF TOP AHU'S TERMINATE PIPING AT TRAP WITH GOOSENECK DOWN, COVER OPENING DRAW THRU CONDITION.



NOTES:  
 1. A VERTICAL DAMPER IS SHOWN. HORIZONTAL DAMPER INSTALLATION IS SIMILAR. FOLLOW MANUFACTURER'S INSTRUCTIONS, INCLUDING PREPARED ANGLES AND GASKETS FOR STEEL AND PERIMETER ANGLES NOT OUTSIDE THE PENETRATION.  
 2. GALVANIZED STEEL: GAGE NOT LESS THAN CONNECTING DUCT.  
 3. PERIMETER ANGLES: GALVANIZED STEEL, NOT LESS THAN 1-1/2\"/>
 4. BREAKAWAY DUCT CONNECTION: CONTRACTOR'S OPTION OF TYPES SHOWN IN SNAKHOUS FIG. 2-1.5. SEAL JOINTS.  
 5. ACCESS PANELS: SIZE 1\"/>



NOTES:  
 1. SEE ARCHITECTURAL DRAWINGS FOR ROOF CURB FLASHING DETAILS.



DETAIL - AIR SEPARATOR & EXPANSION TANK PIPING

DETAIL - HW RADIANT CEILING PANEL PIPING

DETAIL - AIR HANDLING UNIT CONFIGURATIONS

FLEX DUCT NOTES:  
 1. FLEX DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.  
 2. FLEX DUCT SHALL HAVE A MINIMUM OF 1/2\"/>

DETAIL - FINITUBE PIPING

DETAIL - DUCT HEATING COIL

DETAIL - ROOF MOUNTED EXHAUST FAN

DETAIL - SECTION THRU TYPICAL FIRE DAMPER

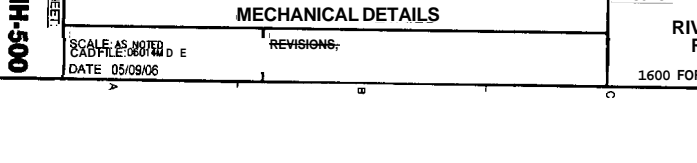
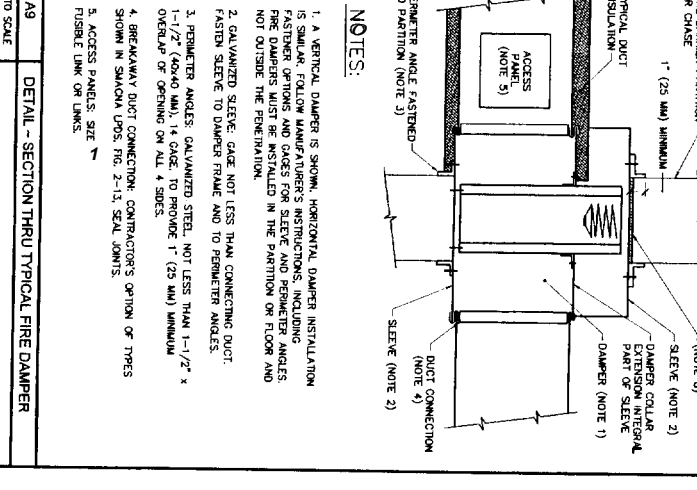
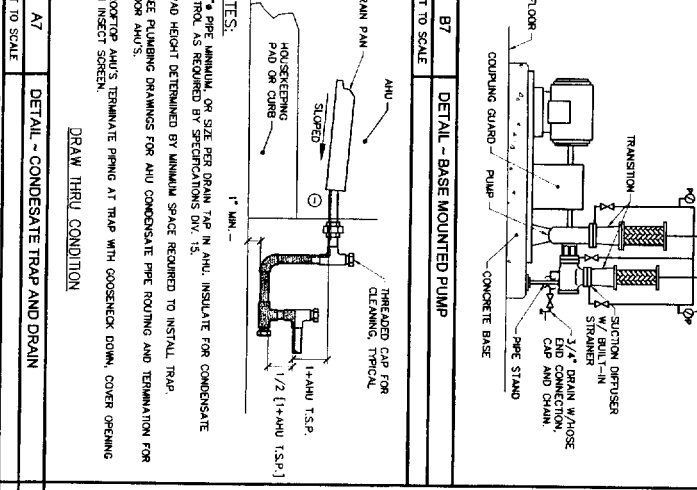
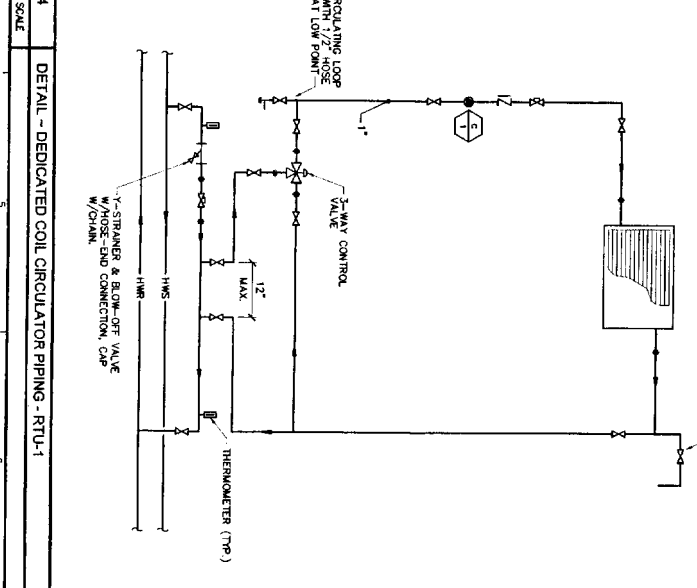
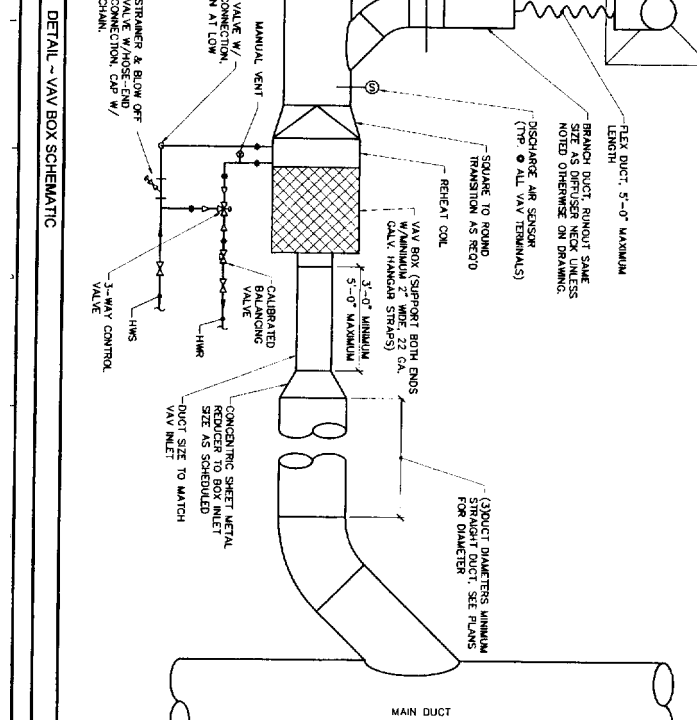
DETAIL - VAV BOX SCHEMATIC

DETAIL - DEDICATED COIL CIRCULATOR PIPING - RTU-1

DETAIL - CONDENSATE TRAP AND DRAIN

DETAIL - BASE MOUNTED PUMP

DETAIL - SECTION THRU TYPICAL FIRE DAMPER



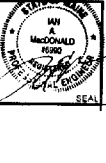
MECHANICAL DETAILS  
 REVISIONS:  
 DATE 05/08/06

PROJECT  
**RIVERTON EXPANSION AND RENOVATION PROJECT**  
 1600 FOREST A.M. PORTLAND, ME, 04103

OWNER:  
**CITY OF PORTLAND**

ENGINEERING  
**Allied Engineering**  
 160 Veranda Street  
 Portland, Maine 04103  
 TEL: (207) 781-2266  
 FAX: (207) 781-2266  
 Web: www.allied-eng.com

ARCHITECT:  
**SEMPLE & DRANE ARCHITECTS**  
 496 CONGRESS STREET  
 PORTLAND, MAINE 04101  
 TEL: (207) 761-4231 FAX 774-0162  
 SDA@sempledrane.com



A1 MECHANICAL SCHEDULES

Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

Table with columns: UNIT, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

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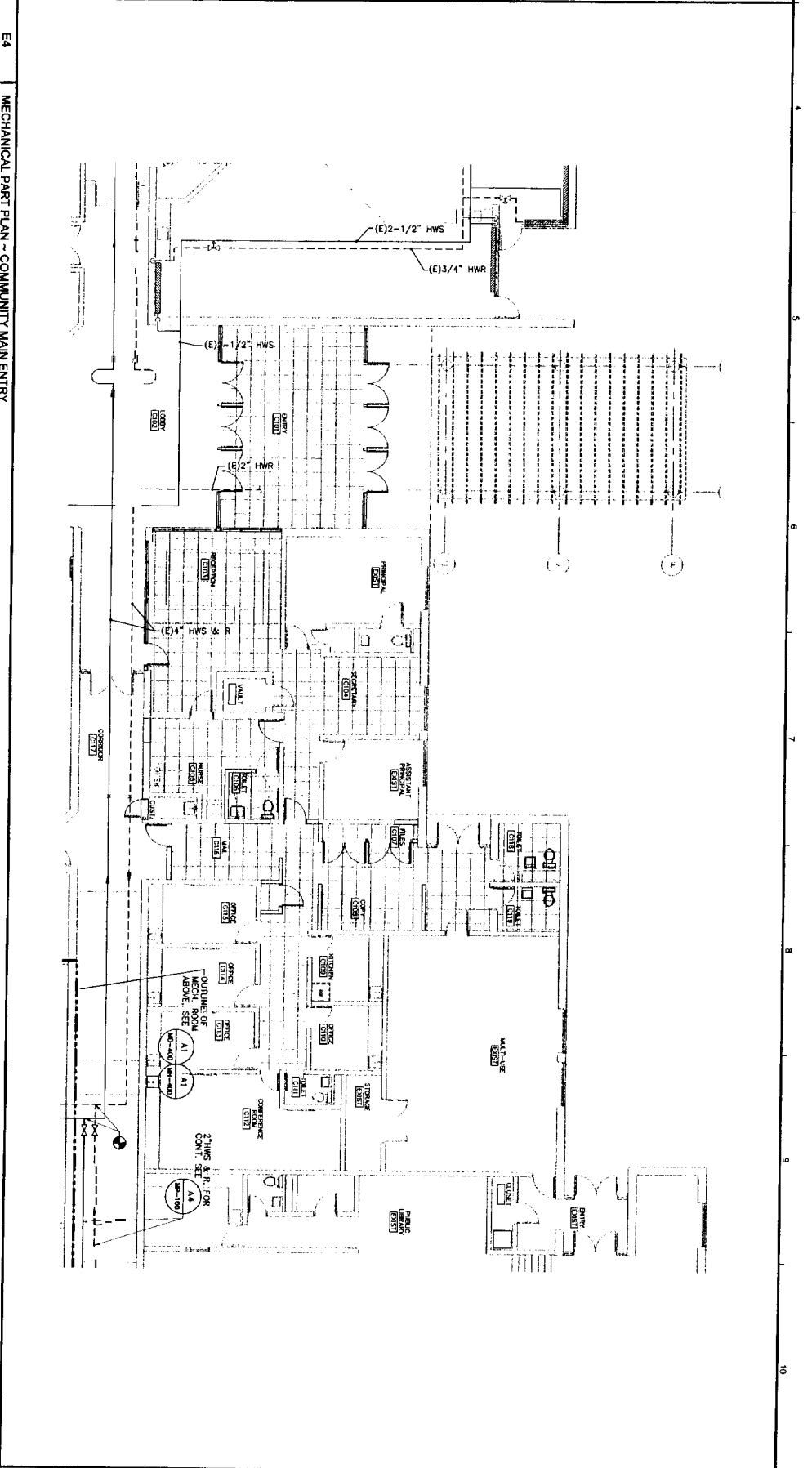
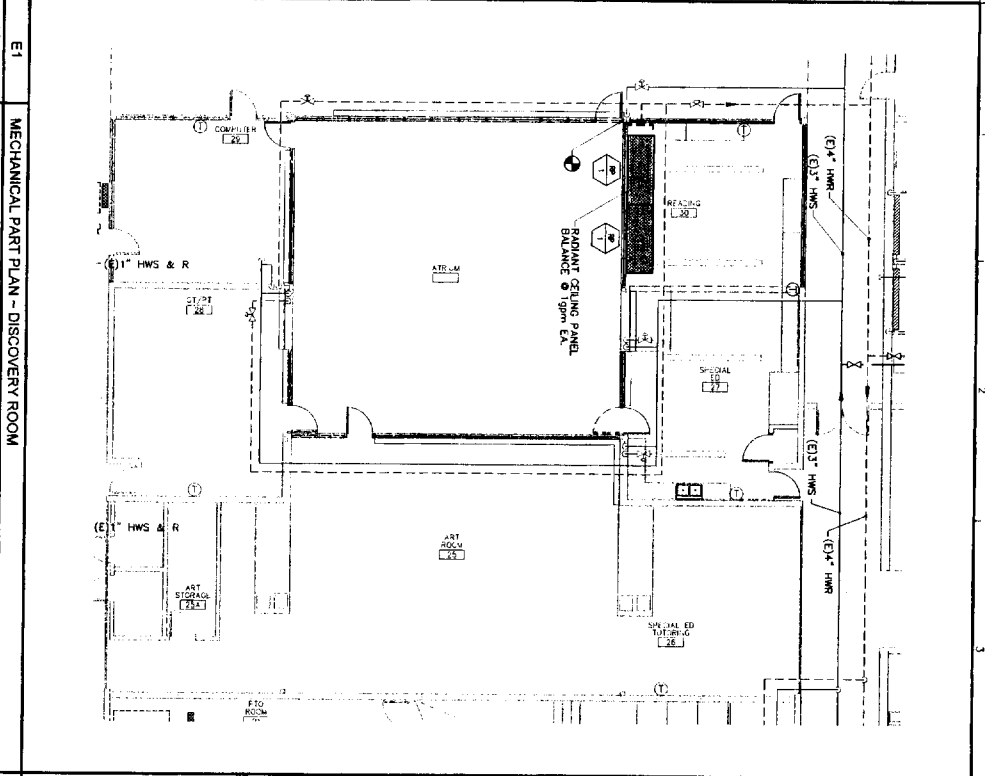
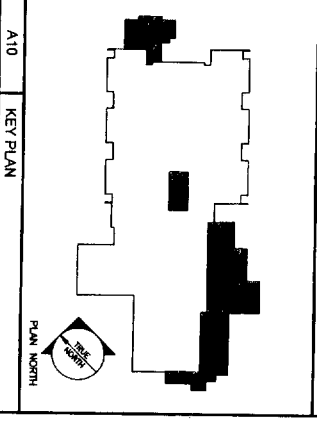
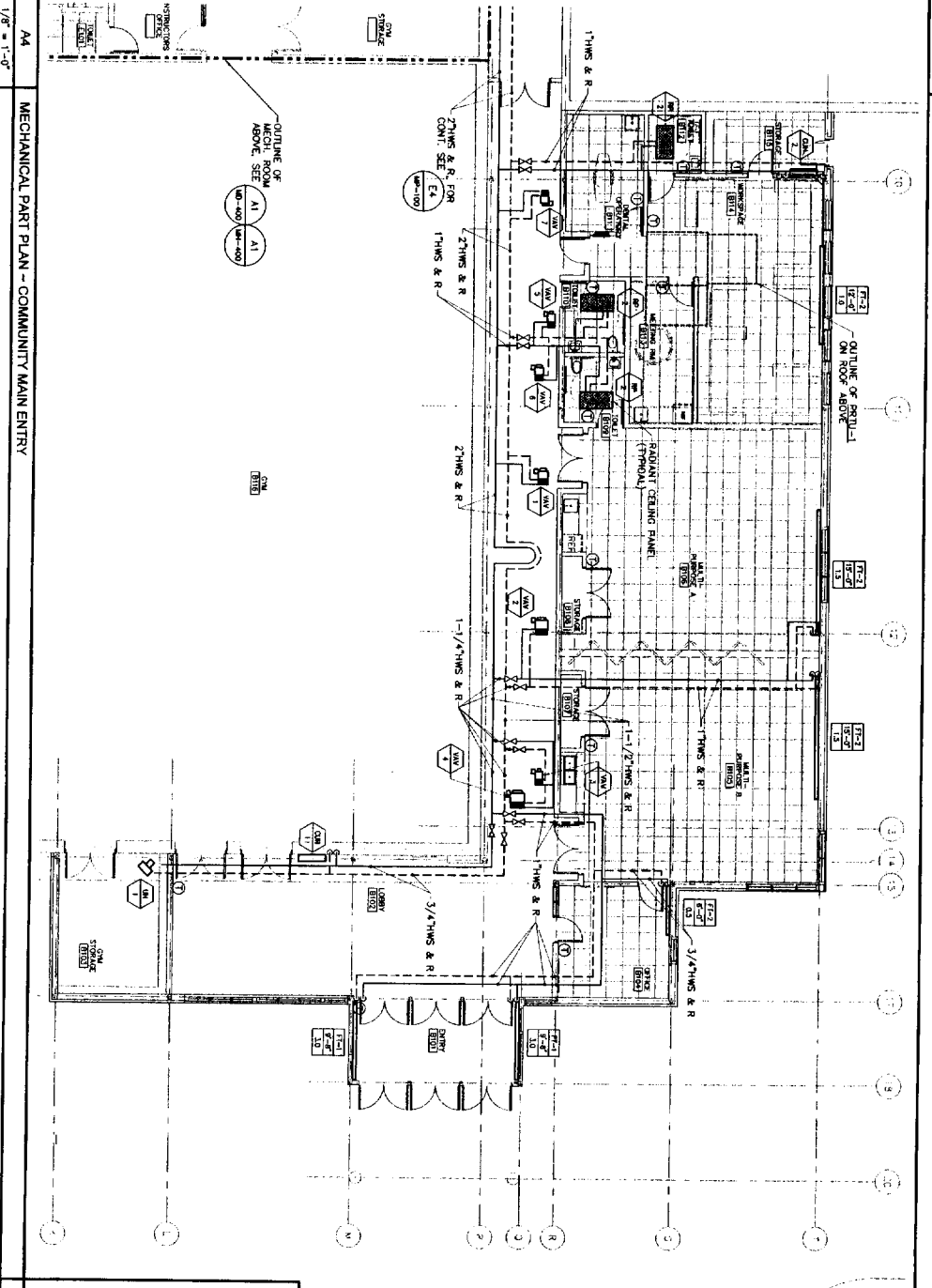
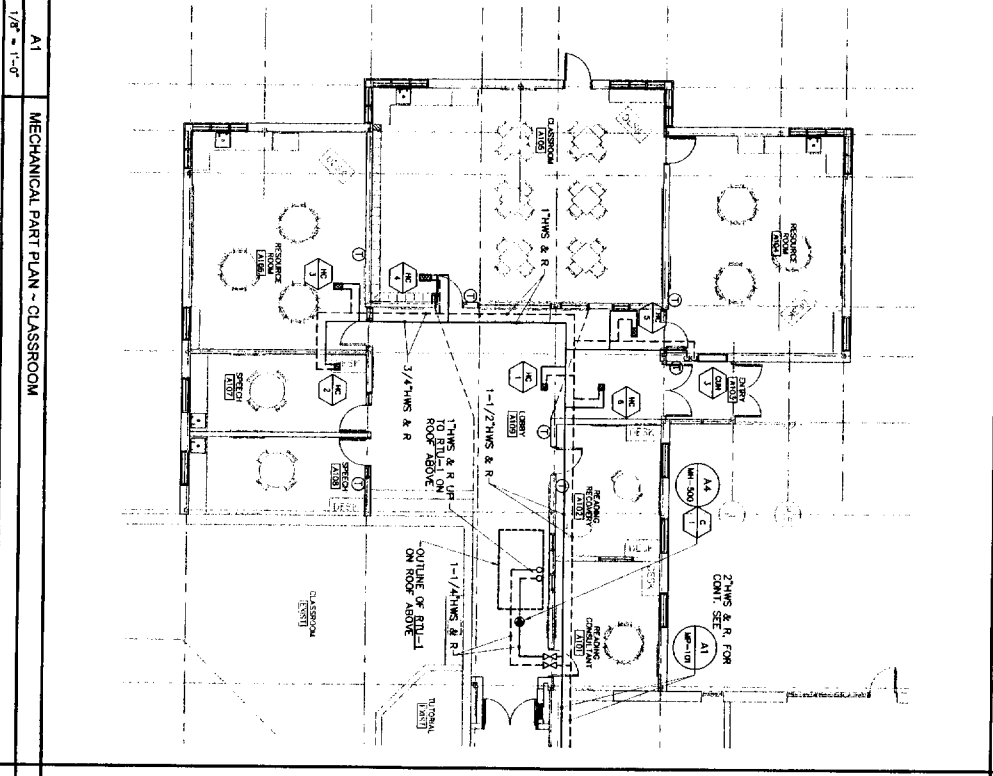
Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

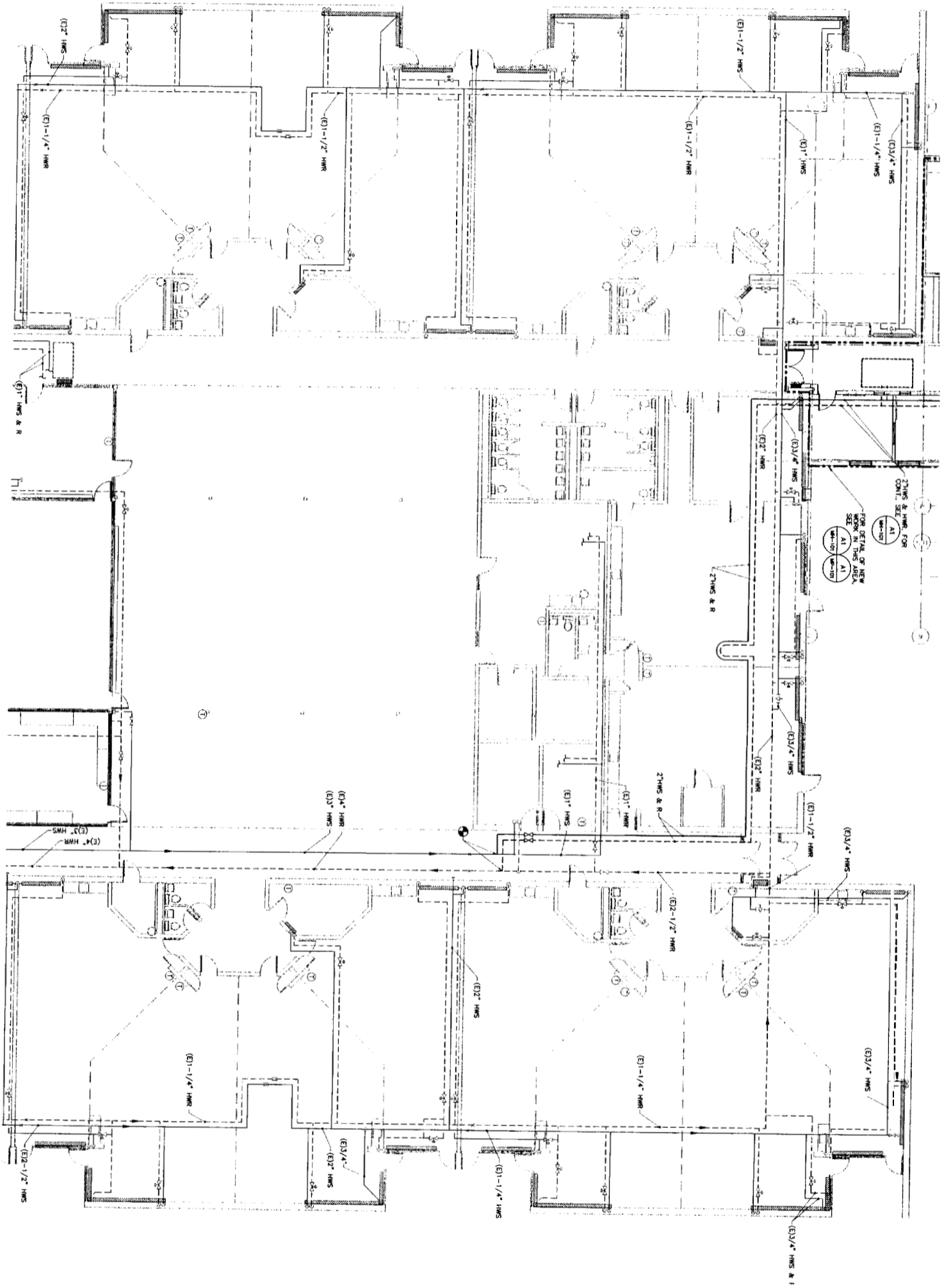
Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

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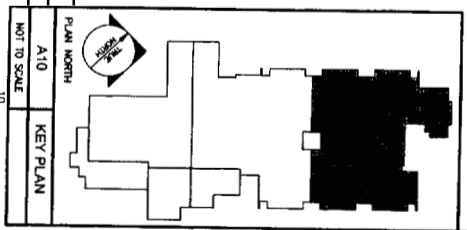
Table with columns: TAG, SERVICES, UNIT MODEL, SIZE, TYPE, DIMENSIONS, WEIGHT, etc. Includes notes about belt drive fans and speed controllers.

Project information including: PROJECT: RIVERTON EXPANSION AND RENOVATION PROJECT, OWNER: CITY OF PORTLAND, ADDRESS: 1600 FOREST AVE, PORTLAND, ME 04103. Includes logos for Allied Engineering and Simple & Drane Architects.

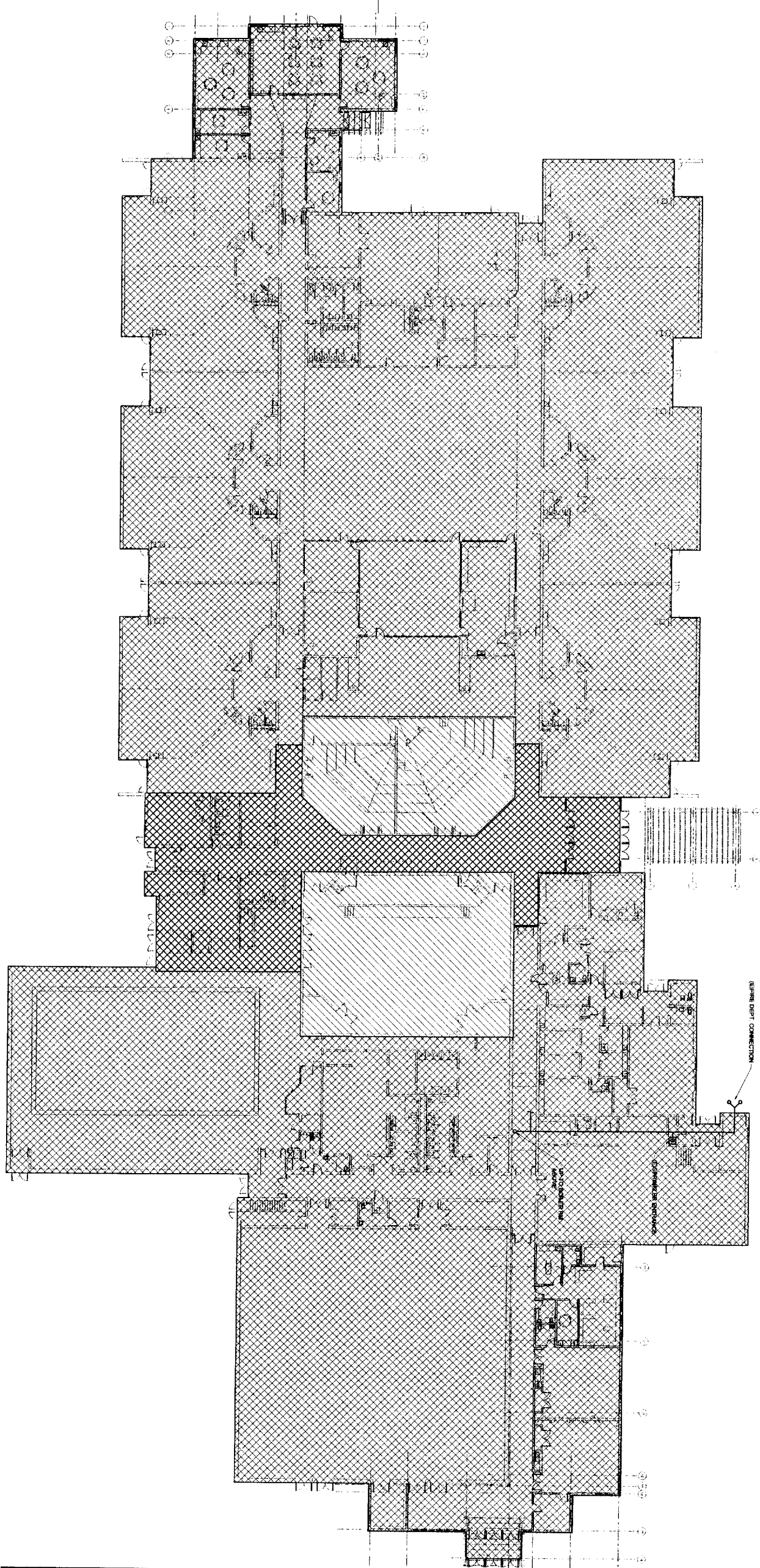




CONT. SEE PLAN FOR  
 FOR DETAILS OF NEW  
 WORK IN THIS AREA  
 SEE A1  
 SEE A1  
 SEE A1



<b>MP-1</b> SHEET SCALE: AS NOTED CAD FILE: 06014.mwg DATE: 05/09/06	DRAWING: <b>MECHANICAL PIPING PART PLAN                  - EXISTING/NEW CONDITIONS</b>	PROJECT: <b>RIVERTON EXPANSION AND                  RENOVATION PROJECT</b> 1600 FOREST A.M. PORTLAND, ME 04103	OWNER: <b>CITY OF PORTLAND</b>	ENGINEERING <b>Allied</b> 100 Verona Street, Suite 103 Portland, ME 04103 Tel: 207.233.2266 Fax: 207.233.2266 Web: www.allied-eng.com	ARCHITECT: <b>SEMPLE &amp; DRANE ARCHITECTS</b> 496 CONGRESS ST. PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX 7740152 GBA@sempledrane.com	
	REVISIONS					



**LEGEND:**

- AREAS COVERED WITH EXISTING SPRINKLER SYSTEM
- AREAS TO BE COVERED WITH NEW SPRINKLER SYSTEM UNDER BUDGET
- AREAS TO BE COVERED WITH NEW SPRINKLER SYSTEM UNDER ALTERNATE

**KEYED NOTES:**

- ① VERIFY EXISTING SPRINKLERS AS REQUIRED TO ACCOMMODATE HYDRANT CALC'S. ALL EXISTING SPRINKLERED AREAS (INCLUDING BOILER ROOM) SHALL BE CONSIDERED WHEN SIZING ZONE (1).



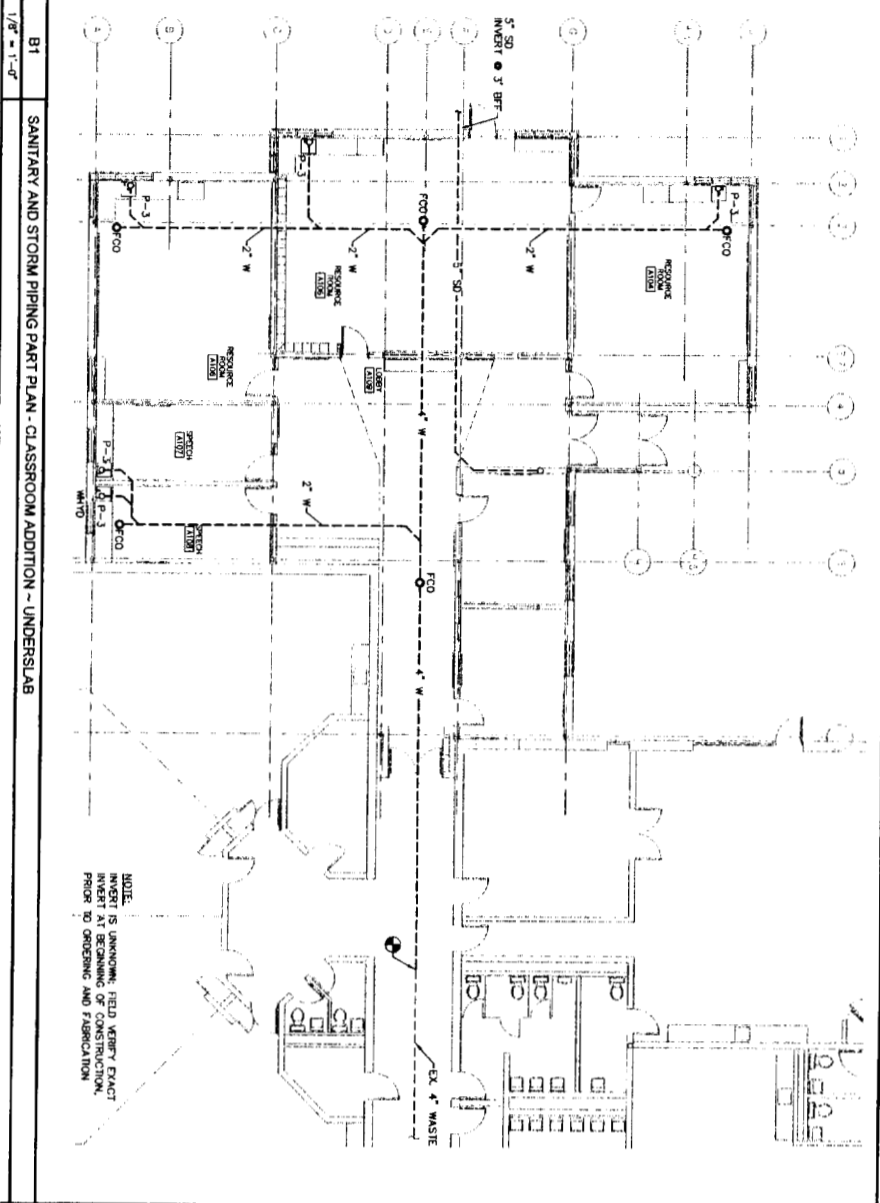
<b>FP.</b>	<b>DRAWING:</b>	<b>PROJECT</b>	<b>OWNER</b>	<b>ENGINEERING</b>	<b>ARCHITECT:</b>
	<b>FIRE PROTECTION PLAN</b>	<b>RIVERTON EXPANSION AND RENOVATION PROJECT</b>	<b>CITY OF PORTLAND</b>	<b>Allied Engineering</b>	<b>SEMPLER &amp; DRANE ARCHITECTS</b>
SCALE AS NOTED CAD FILE: 06014M.DWG DATE: 05/09/06	<b>REVISIONS</b>	1600 FOREST A.M. PORTLAND, ME. 04103		160 Veranda Street Portland, Maine 04103 T 207.221.2100 F 207.221.2106 Web: www.allied-eng.com	496 CONGRESS STREET PORTLAND, MAINE 04101 TEL (207) 761-4231 FAX 774-0152





NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
C1	PIPING SYMBOLS LEGEND	C2	PIPING SYMBOLS LEGEND	C3	PIPING SYMBOLS LEGEND	C4	PIPING SYMBOLS LEGEND
A1	PIPING LINE/TYPE LEGEND	A4	ABBREVIATIONS	C5	SCALE	C6	AIR DISTRIBUTION SYMBOLS LEGEND
1	ACID WASTE	1	ACID WASTE	1	ACID WASTE	1	ACID WASTE
2	AMON	2	AMON	2	AMON	2	AMON
3	AR	3	AR	3	AR	3	AR
4	ATV	4	ATV	4	ATV	4	ATV
5	BB	5	BB	5	BB	5	BB
6	BOILER BLOWDOWN	6	BOILER BLOWDOWN	6	BOILER BLOWDOWN	6	BOILER BLOWDOWN
7	CC	7	CC	7	CC	7	CC
8	CONDENSATE (BELOW FLOOR)	8	CONDENSATE (BELOW FLOOR)	8	CONDENSATE (BELOW FLOOR)	8	CONDENSATE (BELOW FLOOR)
9	CA	9	CA	9	CA	9	CA
10	COMPRESSED AIR	10	COMPRESSED AIR	10	COMPRESSED AIR	10	COMPRESSED AIR
11	CDM	11	CDM	11	CDM	11	CDM
12	CLEAN DRY AIR	12	CLEAN DRY AIR	12	CLEAN DRY AIR	12	CLEAN DRY AIR
13	CHM	13	CHM	13	CHM	13	CHM
14	CHILLED WATER RETURN	14	CHILLED WATER RETURN	14	CHILLED WATER RETURN	14	CHILLED WATER RETURN
15	CHMS	15	CHMS	15	CHMS	15	CHMS
16	CHILLED WATER SUPPLY	16	CHILLED WATER SUPPLY	16	CHILLED WATER SUPPLY	16	CHILLED WATER SUPPLY
17	CMS	17	CMS	17	CMS	17	CMS
18	CONDENSER WATER RETURN	18	CONDENSER WATER RETURN	18	CONDENSER WATER RETURN	18	CONDENSER WATER RETURN
19	CWR	19	CWR	19 <td CONDENSER COOL WATER	CONDENSER COOL WATER		
20	CONDENSER COOL WATER	20	CONDENSER COOL WATER	20	CONDENSER COOL WATER	20	CONDENSER COOL WATER
21	DOMESTIC HOT WATER	21	DOMESTIC HOT WATER	21	DOMESTIC HOT WATER	21	DOMESTIC HOT WATER
22	DOMESTIC WATER RETURN	22	DOMESTIC WATER RETURN	22	DOMESTIC WATER RETURN	22	DOMESTIC WATER RETURN
23	D	23	D	23	D	23	D
24	DRAIN	24	DRAIN	24	DRAIN	24	DRAIN
25	DRAIN OIL DISCHARGE	25	DRAIN OIL DISCHARGE	25	DRAIN OIL DISCHARGE	25	DRAIN OIL DISCHARGE
26	DR	26	DR	26	DR	26	DR
27	DRAIN OIL FALL	27	DRAIN OIL FALL	27	DRAIN OIL FALL	27	DRAIN OIL FALL
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98	DR	98	DR	98	DR	98	DR
99	DR	99	DR	99	DR	99	DR
100	DR	100	DR	100	DR	100	DR

**NOTE**  
 ALL GENERAL NOTES, SYMBOL LEGENDS, AND  
 DETAILS ARE TO BE CONSIDERED AS FOR THIS  
 PROJECT. SYMBOLS AND ABBREVIATIONS  
 SHOWN ON THIS SHEET ARE FOR REFERENCE  
 ONLY AND DO NOT INDICATE THEIR  
 INCORPORATION INTO THE DESIGN.

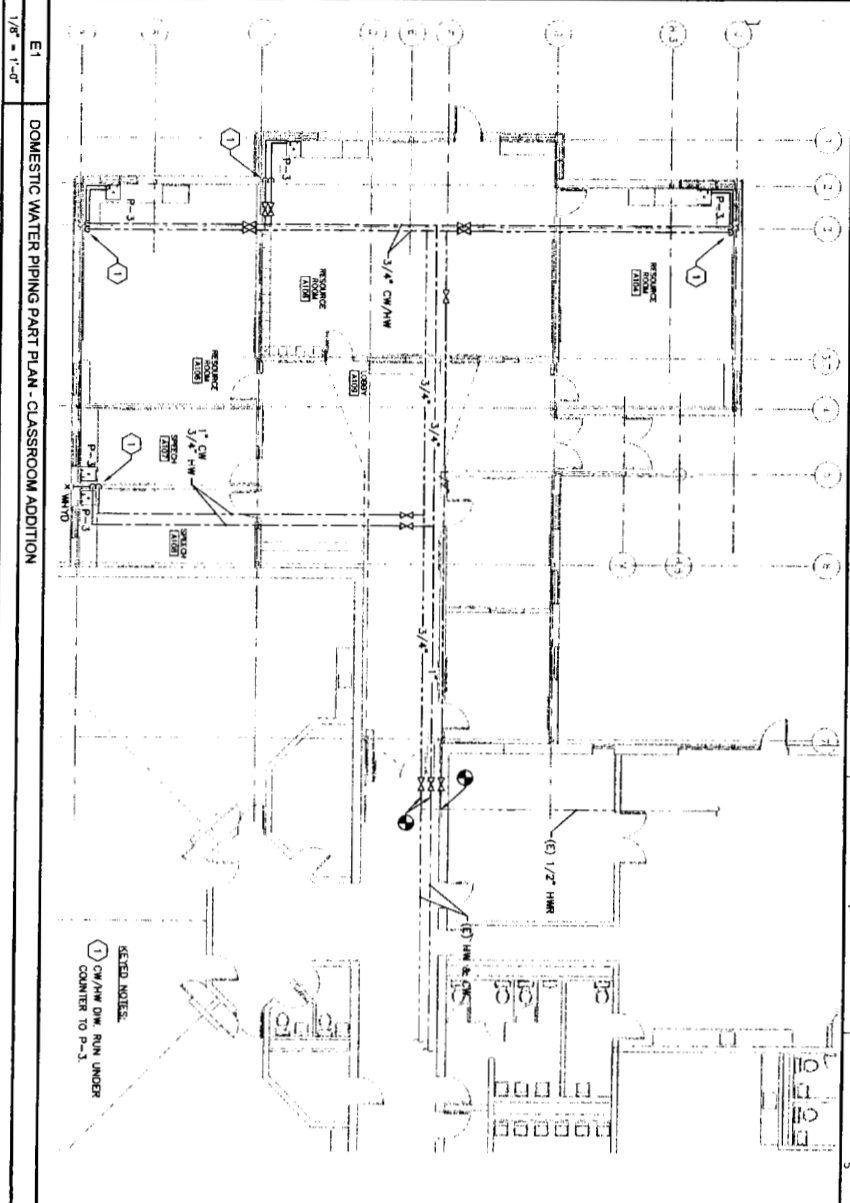


B1 SANITARY AND STORM PIPING PART PLAN - CLASSROOM ADDITION - UNDERSLAB

1/8" = 1'-0"

TAG	DESCRIPTION	BRANCH SIZES			
		CW	HW	VENT	WASTE
P-1	WATER CLOSET - WALL HUNG	1"	1"	2"	3"
P-1A	WATER CLOSET - FLOOR MOUNT	1/2"	1/2"	1 1/2"	2"
P-2	LAVATORY - WALL HUNG	1/2"	1/2"	1 1/2"	2"
P-3	CLASSROOM SINK W/ BUBBLER	1/2"	1/2"	1 1/2"	2"
P-3A	DOUBLE SINK W/ SEDIMENT TRAP	1/2"	1/2"	1 1/2"	2"
P-3B	LAVATORY SINK	1/2"	1/2"	1 1/2"	2"
P-4	HANDHELD SHOWER	1/2"	1/2"	-	-

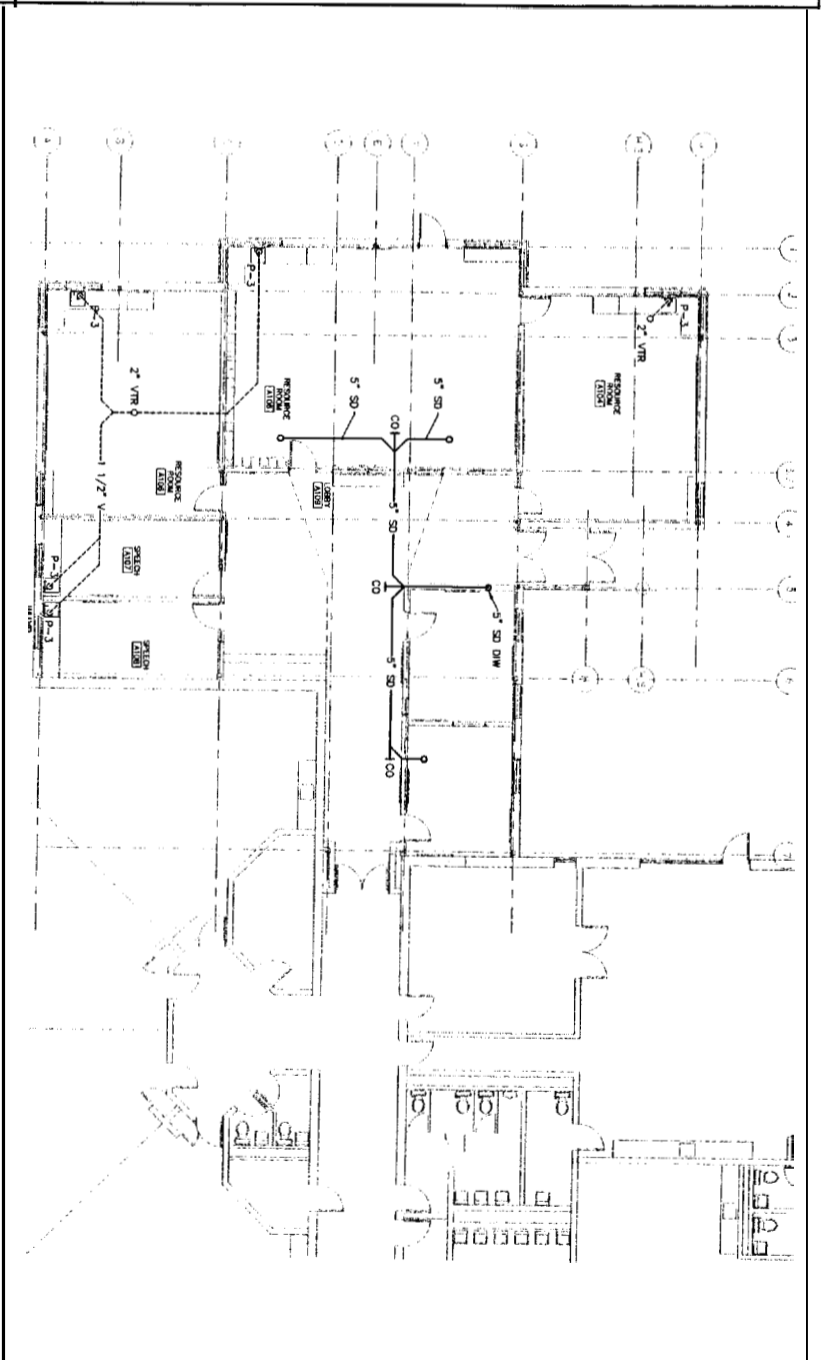
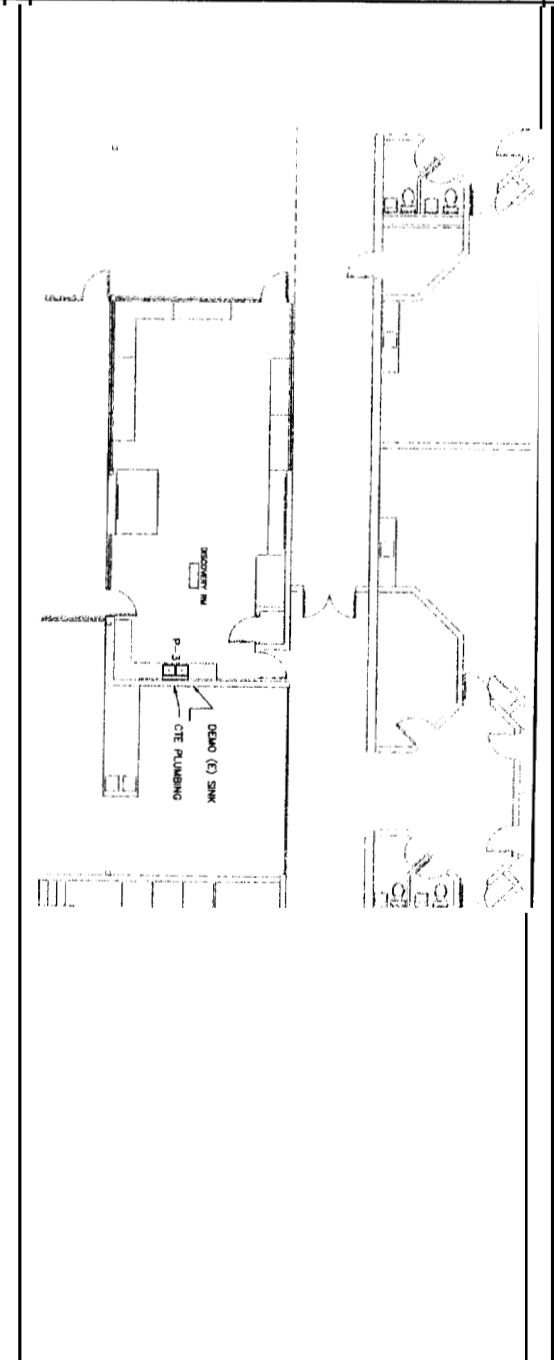
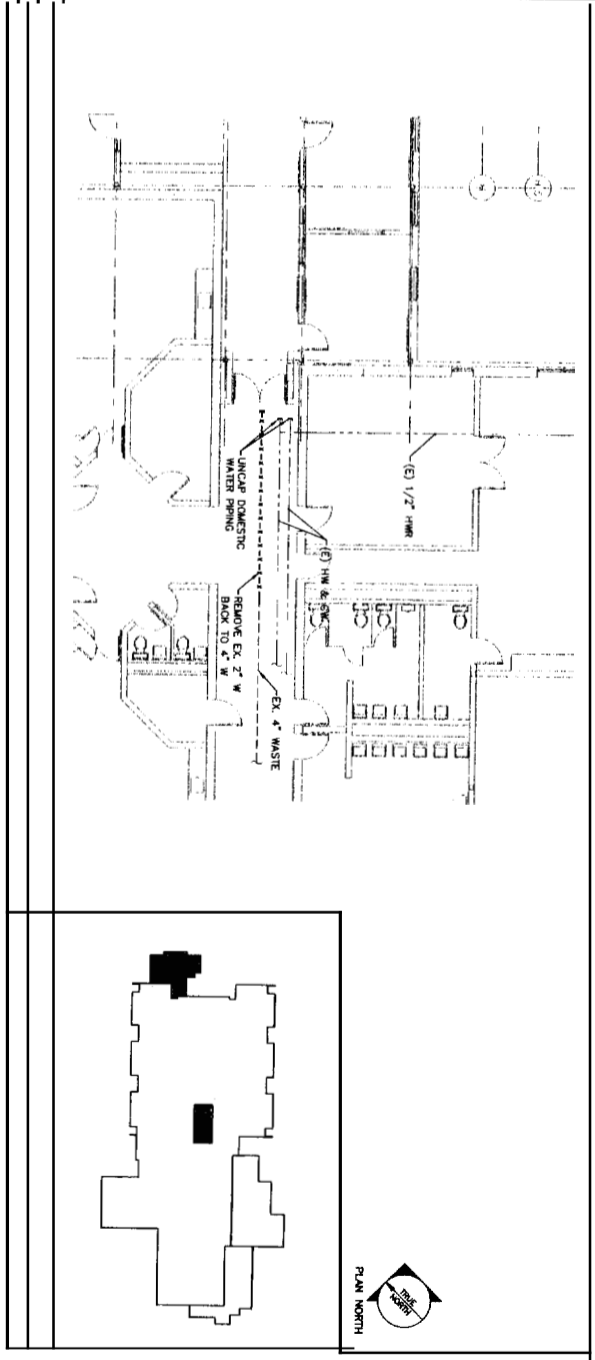
NOTE: IS UNKNOWN, FIELD VERIFY EXACT INVERT AT BEGINNING OF CONSTRUCTION PRIOR TO ORDERING AND FABRICATING



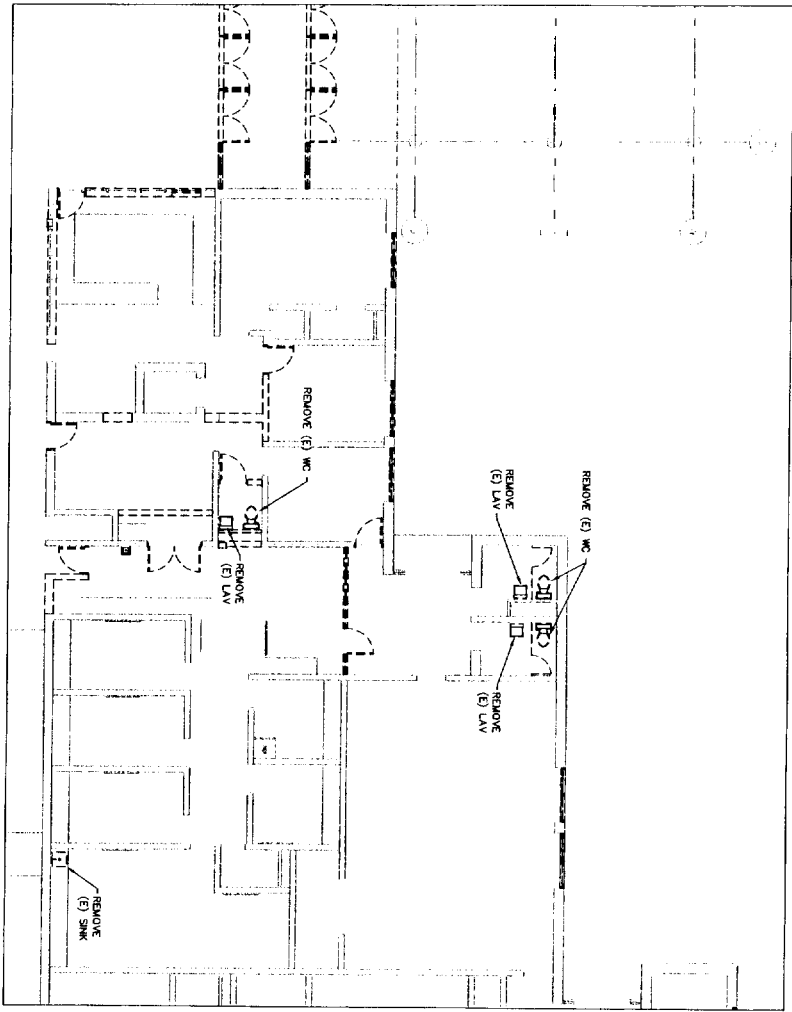
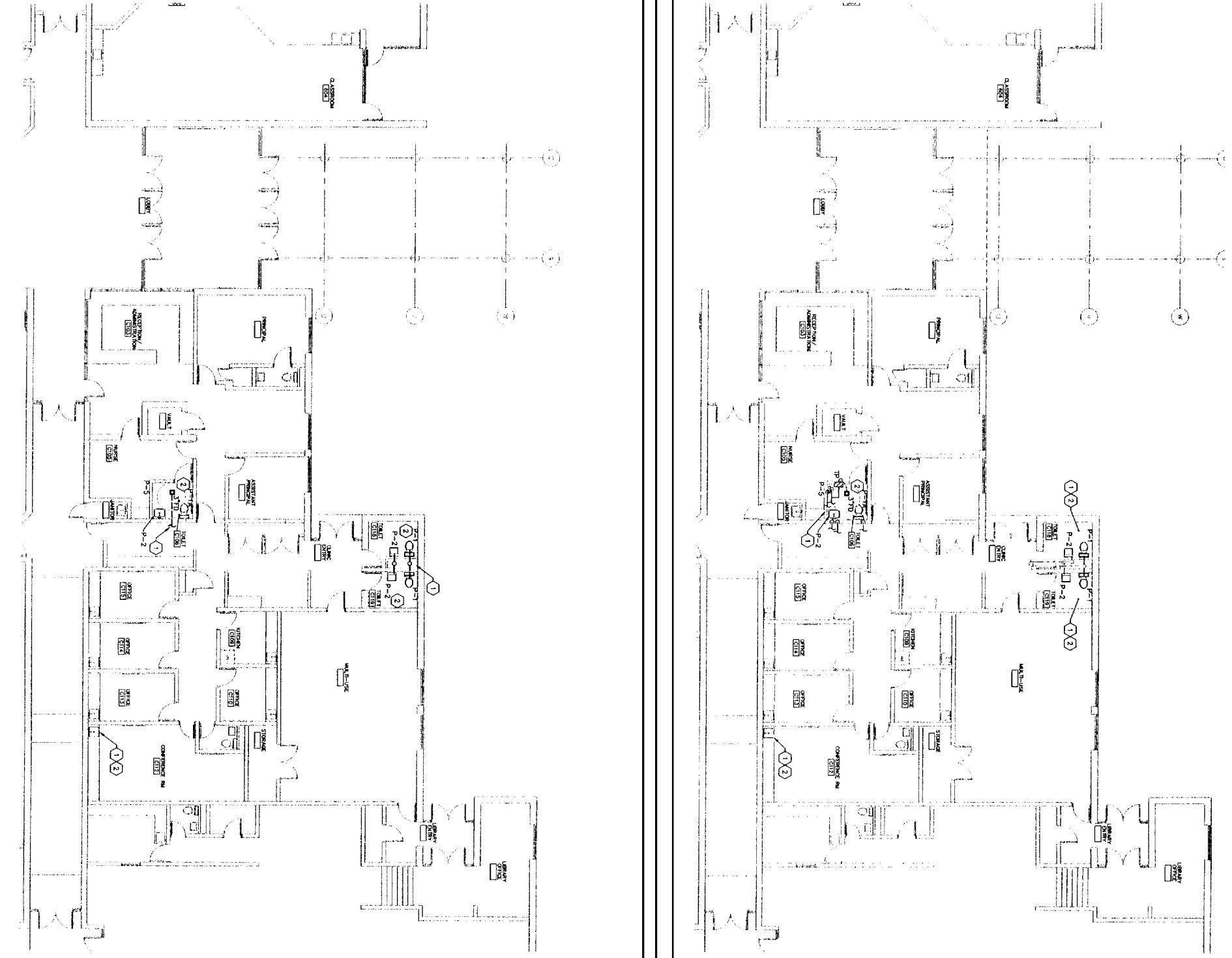
E1 DOMESTIC WATER PIPING PART PLAN - CLASSROOM ADDITION

1/8" = 1'-0"

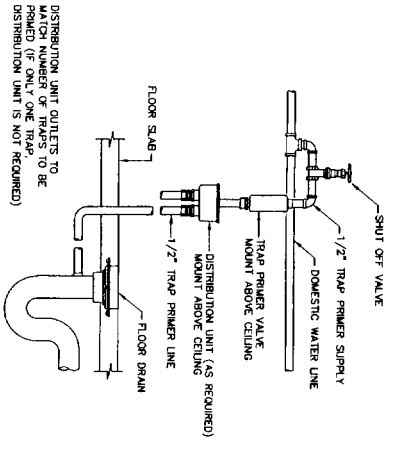
SELED NOTES:  
1 GRAVE DIVE RUN UNDER COUNTER TO P-3



<b>PL-100</b> SHEET	DRAWING: <b>PLUMBING PART PLANS</b> <b>CLASSROOM ADDITION AND DISCOVERY</b>	PROJECT: <b>RIVERTON EXPANSION AND RENOVATION PROJECT</b> 1600 FOREST AVE. PORTLAND, ME. 04103	OWNER: <b>CITY OF PORTLAND</b>	ENGINEERING: <b>160 Veranda Street</b> Portland, Maine 04103 TEL: 207.231.2266 F: 207.231.2266 Web: www.allied-reg.com	ARCHITECT: <b>SEMPLE &amp; DRANE ARCHITECTS</b> 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152 SDA@sempledrane.com	
	SCALE AS NOTED CAD FILE: 06014.DWG DATE: 05/08/06	REVISIONS:	PLAN NORTH			



- DRAWING KEYNOTES**
- ① REMOVE (E) PLUMBING FIXTURES AS INDICATED ON THIS SHEET. SIZE AND ROUTING OF EXISTING PIPING, INCLUDING SANITARY AND DOMESTIC WATER, IS TO REMAIN UNLESS OTHERWISE NOTED. VERIFY ACTUAL PIPING ROUTES & LINE SIZES IN FIELD. VERIFY THAT (E) SIZES ARE CODE-COMPLIANT.
  - ② CONNECT NEW PLUMBING FIXTURES TO EXISTING PIPING BRANCHES, INCLUDING DOMESTIC WATER, SANITARY DRAINAGE, AND VENT PIPING.



08  
1/8" = 1'-0"  
DEMOLITION PART PLAN - ADMIN. RENOVATIONS

A6  
NO SCALE  
TRAP SEAL PRIMER DETAIL

<p><b>PL-101</b></p> <p>DRAWING: PLUMBING PART PLANS ADMINISTRATION RENOVATIONS</p> <p>SCALE: AS NOTED C: M/FILE:08014 DWG DATE: 05/09/06</p>	<p>PROJECT: RIVERTON EXPANSION AND RENOVATION PROJECT 1600 FOREST A M PORTLAND, ME. 04103</p>	<p>OWNER: CITY OF PORTLAND</p>	<p>ENGINEERING: Allied Engineering 160 Verona Street Portland, Maine 04103 T: 207.221.2166 F: 207.221.2166 Web: www.alliedeng.com</p>	<p>ARCHITECT: SEMPLE &amp; DRANE ARCHITECTS 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: 207.761.4231 FAX 774-0152 SLD@sempledrane.com</p>	
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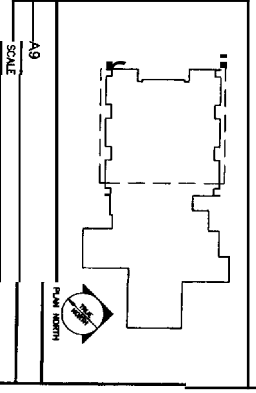




MATCH LINE - CONTINUED ON A1/ED-101

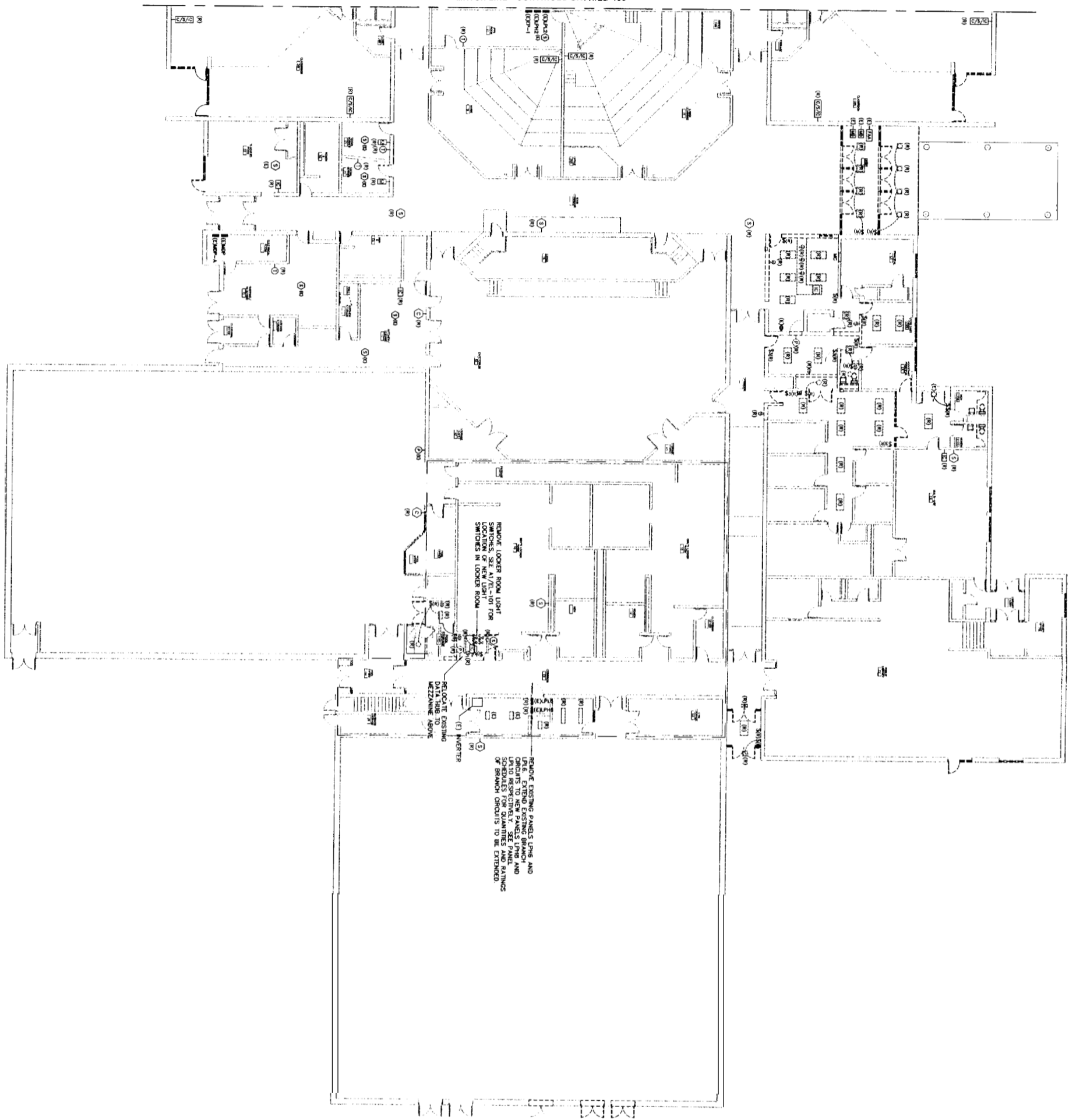
**E9 ELECTRICAL DEMOLITION NOTES**

1. REFER TO FLOOR PLANS FOR SCOPE OF WORK AREA. DEMOLITION SCOPE OF WORK SHALL INCLUDE ALL ELECTRICAL DEVICES IN WALLS SCHEDULED TO BE DEMOLISHED.
2. DEMOLITION SHALL INCLUDE BUT NOT BE LIMITED TO: WIRING DEVICES, OUTLET BOXES, PULL BOXES, LIGHTING FIXTURES AND SWITCHES, WIRING AND CONDUIT, FIRE ALARM DEVICES, ETC.
3. DEMOLITION SHALL EXCLUDE ALL DEVICES AND WIRING FOR EQUIPMENT INDICATED TO REMAIN.
4. REMOVE ALL ELECTRICAL WIRING FOR EQUIPMENT TO BE REMOVED BACK TO THE POINT OF CONNECTION.
5. PROVIDE WIRING AND CONNECTIONS AS REQUIRED TO MAINTAIN POWER TO ITEMS TO REMAIN.
6. CONTRACTOR SHALL VERIFY ALL EXISTING SOURCES OF POWER TO EQUIPMENT PRIOR TO FINAL REMOVAL.
7. THE CONTRACTOR SHALL COORDINATE ALL SHUTDOWN PROCEDURES WITH THE OWNER PRIOR TO DISCONNECTING ANY CIRCUITS.
8. PROVIDE BLANK COVER PLATES FOR REMOVED POWER AND COMMUNICATIONS OUTLETS IN EXISTING WALLS SCHEDULED TO REMAIN.
9. REFER TO NEW CONDITIONS PLANS FOR NEW LOCATIONS OF EXISTING ITEMS TO BE RELOCATED.
10. PROTECT EXISTING BRANCH CIRCUIT WIRING, FEEDERS, COMMUNICATIONS WIRING, ETC. LOCATED WITHIN AREAS OF DEMOLITION BY SHIELDING ITEMS LOCATED IN OTHER AREAS.
11. LIGHTING FIXTURES SHALL GENERALLY BE TURNED OVER TO THE OWNER. EXCEPT WHERE SUCH ARE INDICATED OR NOTED TO BE REUSED OR REPAIRS SHOWN DURING CONSTRUCTION.
12. VERIFY ALL EXISTING SOURCES OF POWER TO EQUIPMENT PRIOR TO FINAL REMOVAL.
13. COORDINATE ALL SHUTDOWN PROCEDURES WITH THE OWNER PRIOR TO DISCONNECTING ANY CIRCUITS.
14. PROVIDE BLANK COVER PLATES FOR REMOVED POWER AND COMMUNICATIONS OUTLETS IN EXISTING WALLS SCHEDULED TO REMAIN.
15. UNDER ALTERNATE #5 A NEW SPRINKLER SYSTEM WILL BE INSTALLED THROUGHOUT UNDER OTHER DIVISIONS. ALL EXISTING ACQUISITION OF SPRINKLER SYSTEMS SHALL BE REMOVED AND REINSTALLED IN ORDER TO FACILITATE SPRINKLER SYSTEM INSTALLATION.
16. PROJECT AND SUPPORT FROM STRUCTURE ALL EXISTING CEILING MOUNTED ELECTRICAL ITEMS, INCLUDING BUT NOT LIMITED TO LUMINAIRE, SPEAKERS, FIRE ALARM DEVICES, AND THEIR ASSOCIATED WIRING TO BE REMOVED AND REINSTALLED IN NEW ACQUISITION CEILING MOUNTED ITEMS IN NEW ACQUISITION CEILING.
17. EXISTING BRANCH CIRCUIT DATA/TELECOMMUNICATIONS AND SYSTEMS CABLES LOCATED ABOVE EXISTING SPRINKLER SYSTEMS SHALL BE REMOVED BY THE CEILING SYSTEMS. SUPPORT ALL EXISTING CABLES ABOVE NEW SPRINKLER NEED REQUIREMENTS.
18. NO CONDUIT OR WIRING THAT REMAINS UNUSED AS A RESULT OF THIS PROJECT SHALL BE ABANDONED IN PLACE.

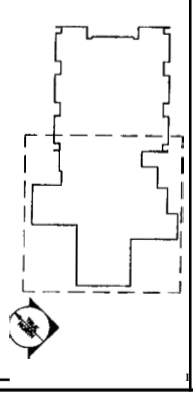


<p><b>ED-100</b></p> <p>DRAWING SHEET</p> <p>SCALE: AS NOTED CAD FILE: 00014E1.DWG DATE: 05/09/06</p>	<p><b>ELECTRICAL DEMOLITION PART PLAN</b></p> <p>REVISIONS</p>	<p>PROJECT</p> <p><b>RIVERTON EXPANSION PROJECT</b></p> <p>1600 FOREST A.M. PORTLAND, ME 04103</p>	<p>OWNER:</p> <p><b>CITY OF PORTLAND</b></p>	<p>ENGINEERING</p> <p><b>Allied Engineering</b></p> <p>160 Versado Street Portland, Maine 04103 T: 307.221.2164 F: 307.221.2166 Web: www.allied-eng.com</p>	<p>ARCHITECT:</p> <p><b>SEMPLE &amp; DRANE ARCHITECTS</b></p> <p>496 CONGRESS STREET PORTLAND, MAINE 04101 TEL (207) 761-4231 FAX 774-0152 SDA@sempledrane.com</p>	
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MATCH LINE - CONTINUED ON A1/ED-100



NOTE:  
REFER TO DEMOLITION NOTES ON SHEET ED-100



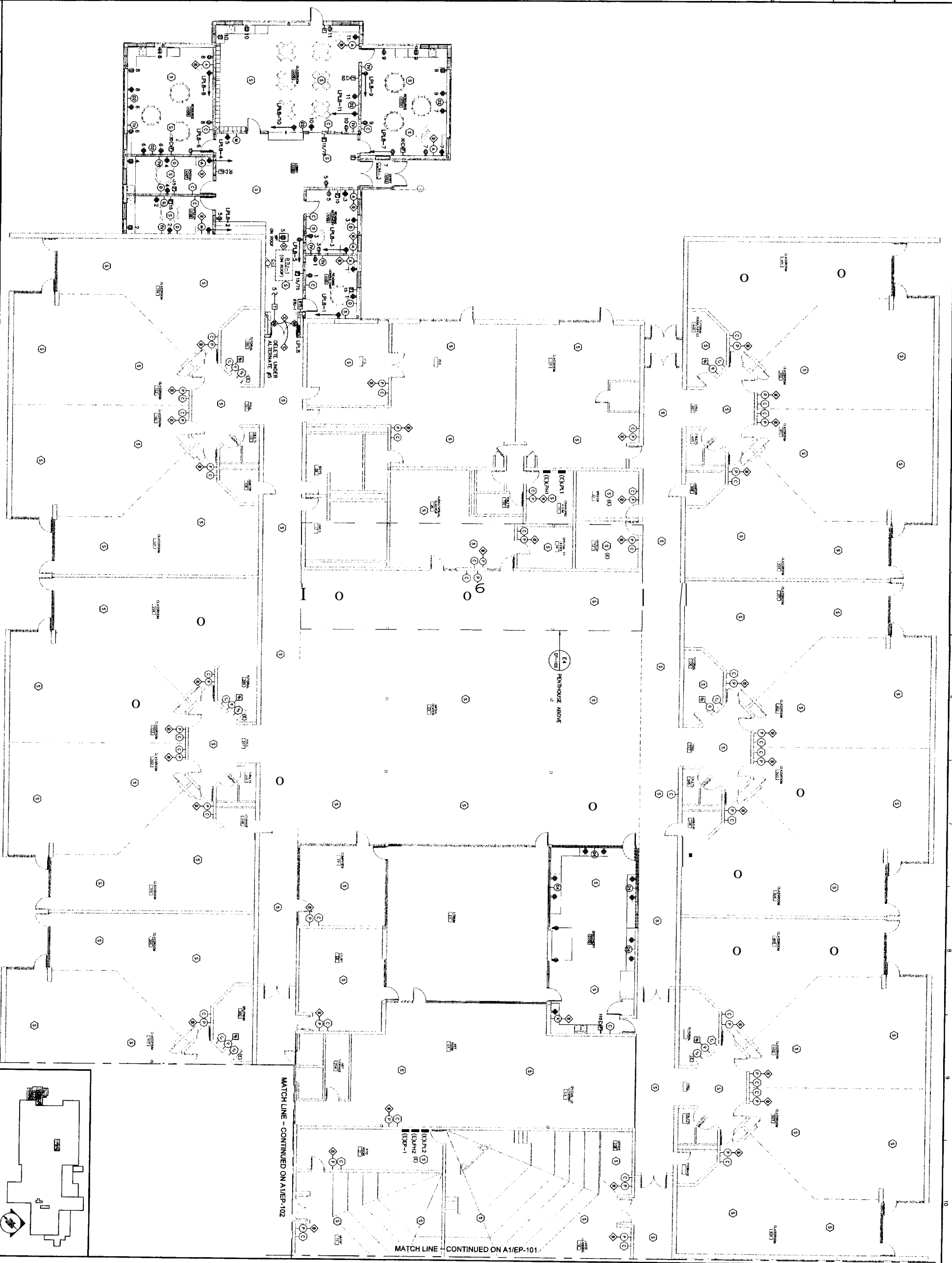
<b>ED-101</b> SHEET	DRAWING: ELECTRICAL DEMOLITION PART PLAN	PROJECT: RIVERTON EXPANSION AND RENOVATION PROJECT 1600 FOREST AVE. PORTLAND, ME. 04103	OWNER: CITY OF PORTLAND	ENGINEERING: <b>Engineering</b> 760 Veranda Street #103 Portland, ME 04103 T: 207.231.2200 F: 207.231.2206 Web: www.kimj-mcg.com	ARCHITECT: <b>SEARLE &amp; DRANE ARCHITECTS</b> PORTLAND, MAINE 04101 TEL: (207) 761-4231 FAX: 774-0152	STATE OF MAINE CATHERINE A. FAUCHER REGISTERED PROFESSIONAL ENGINEER
	SCALE AS NOTED CAD FILE 06014ED.DWG DATE 05/08/06	REVISIONS				





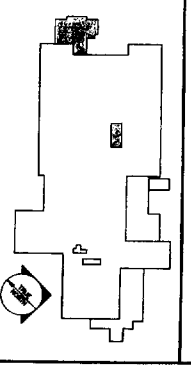
A1  
1/8" = 1'-0"

PART PLAN



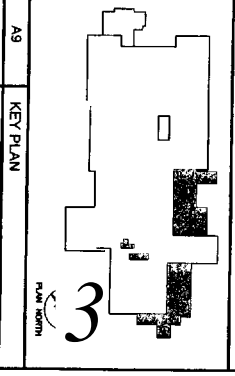
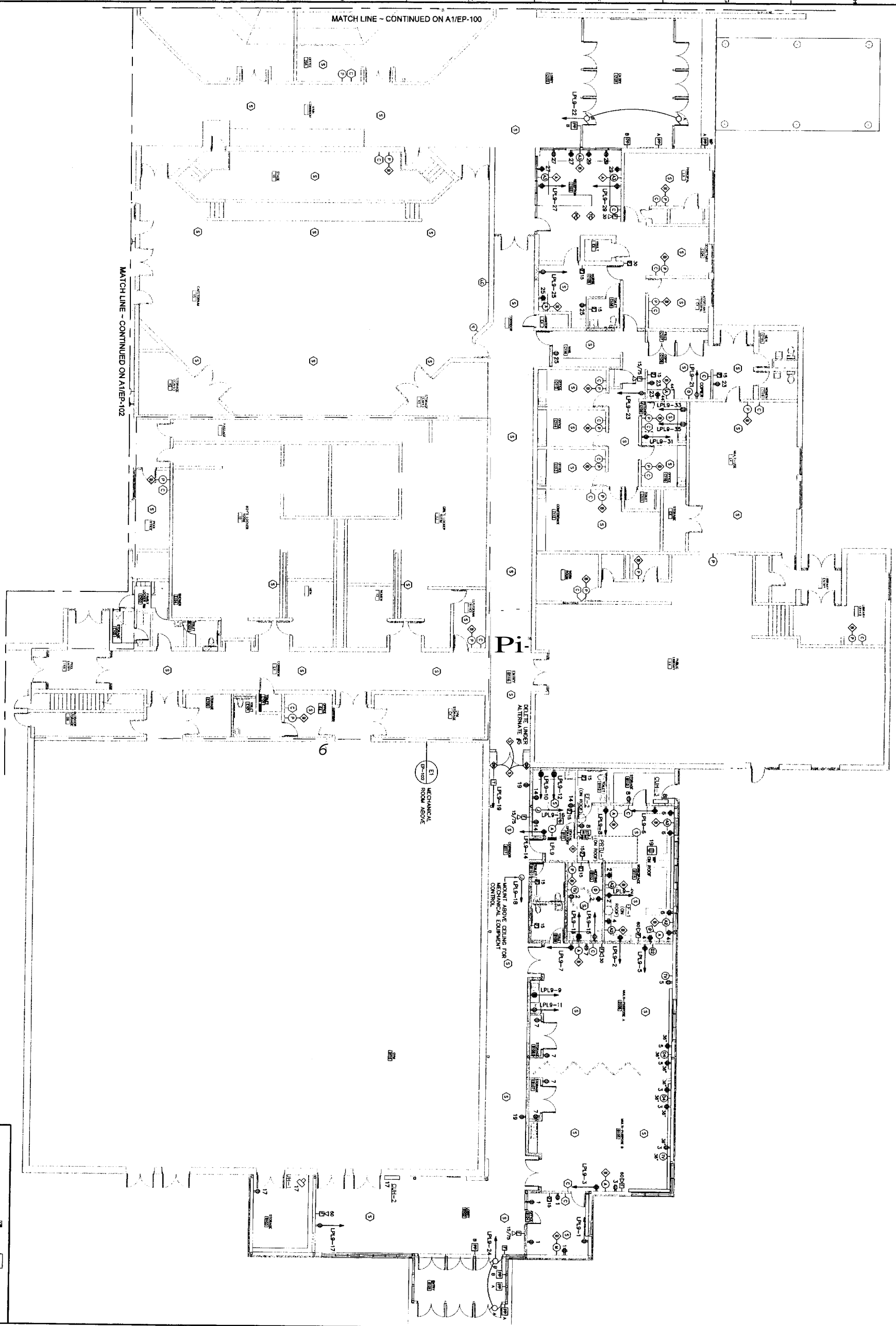
A9  
NO SCALE

KEY PLAN



<b>EP-100</b> SHEET	DRAWING: <b>POWER AND SYSTEMS PART PLAN</b>	PROJECT: <b>RIVERTON EXPANSION AND RENOVATION PROJECT</b> 1600 FOREST A.M. PORTLAND, ME. 04103	OWNER: <b>CITY OF PORTLAND</b>	ENGINEERING <b>Allied Engineering</b> 160 Veranda Street Portland, ME 04103 Tel: (207) 761-4231 Web: www.allied-eng.com	<b>&amp; DRANE ARCHITECTS</b> 408 CONGRESS STREET PORTLAND, ME 04101 TEL: (207) 761-4231 FAX 774-0152 SDA@semledrane.com	
	SCALE: AS NOTED CAD FILE: 06014EP.DWG DATE: 05/08/06	REVISIONS				

A1  
PART PLAN



A3  
NO SCALE  
KEY PLAN

<b>EP-1 01</b> SHEET	DRAWING: <b>POWER AND SYSTEMS PART PLAN</b>	PROJECT: <b>RIVERTON EXPANSION AND RENOVATION PROJECT</b>	OWNER: <b>CITY OF PORTLAND</b>	ENGINEERING: <b>Allied Engineering</b> 160 Veranda Street Portland, Maine 04103 P: 207.221.2268 F: 207.221.2266 Web: allied-eng.com	<b>&amp; DRANE ARCHITECTS</b> 496 CONGRESS STREET PORTLAND, MAINE 04101 TEL: 761-4231 FAX: 774-0192 SDA@sampledrane.com
	SCALE: AS NOTED CAD FILE: 06014EP.DWG DATE: 05/09/06	REVISIONS	1600 FOREST R.W. PORTLAND, ME. 04103	STATE OF MAINE CATHERINE A. FAUCHER REGISTERED PROFESSIONAL ARCHITECT	

