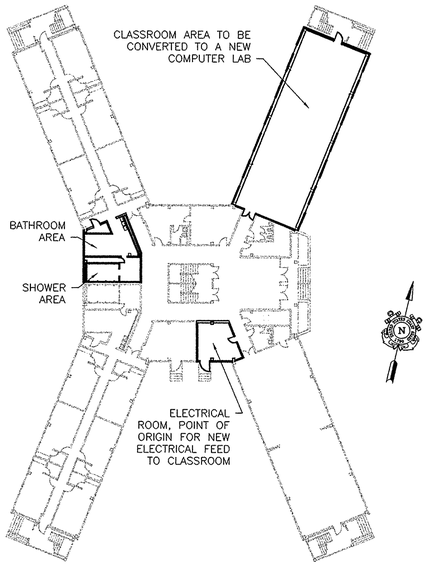
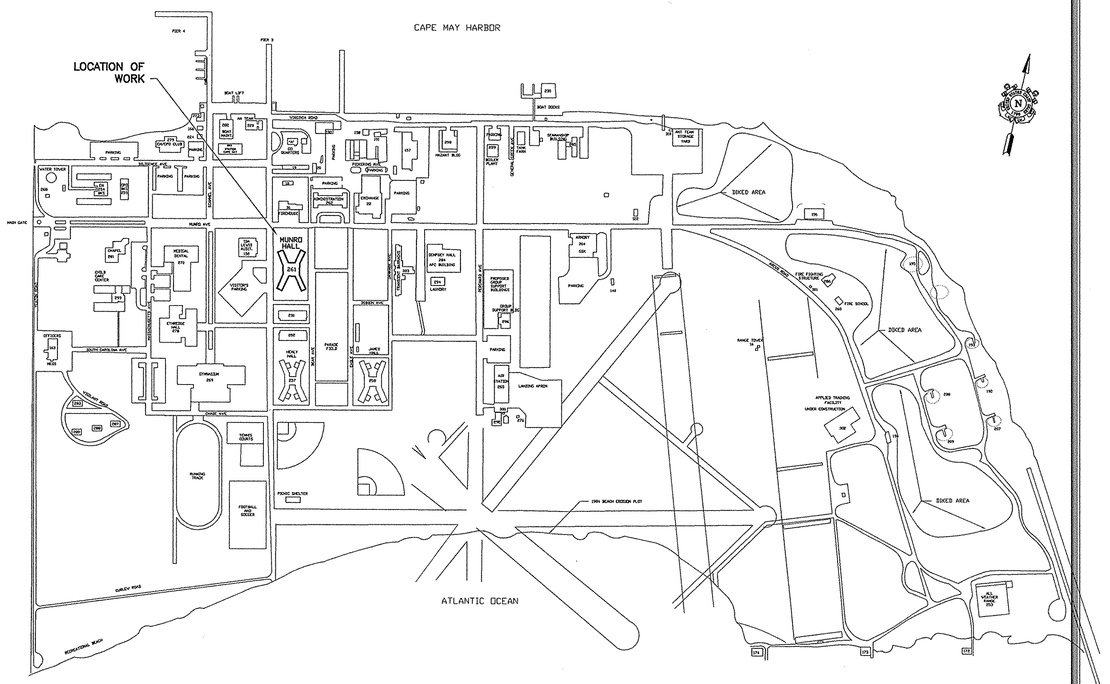


MUNRO HALL, 1ST FLOOR PLAN

SCALE: 1" = 30'-0"



TRAINING CENTER ORIENTATION MAP

SCALE: 1" = 400'-0"

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TRAINING CENTER
CAPE MAY

USCG, TRACEN CAPE MAY
1 MUNRO AVE.
CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4967-AD
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	
SCALE: AS SHOWN	PLOT SCALE:

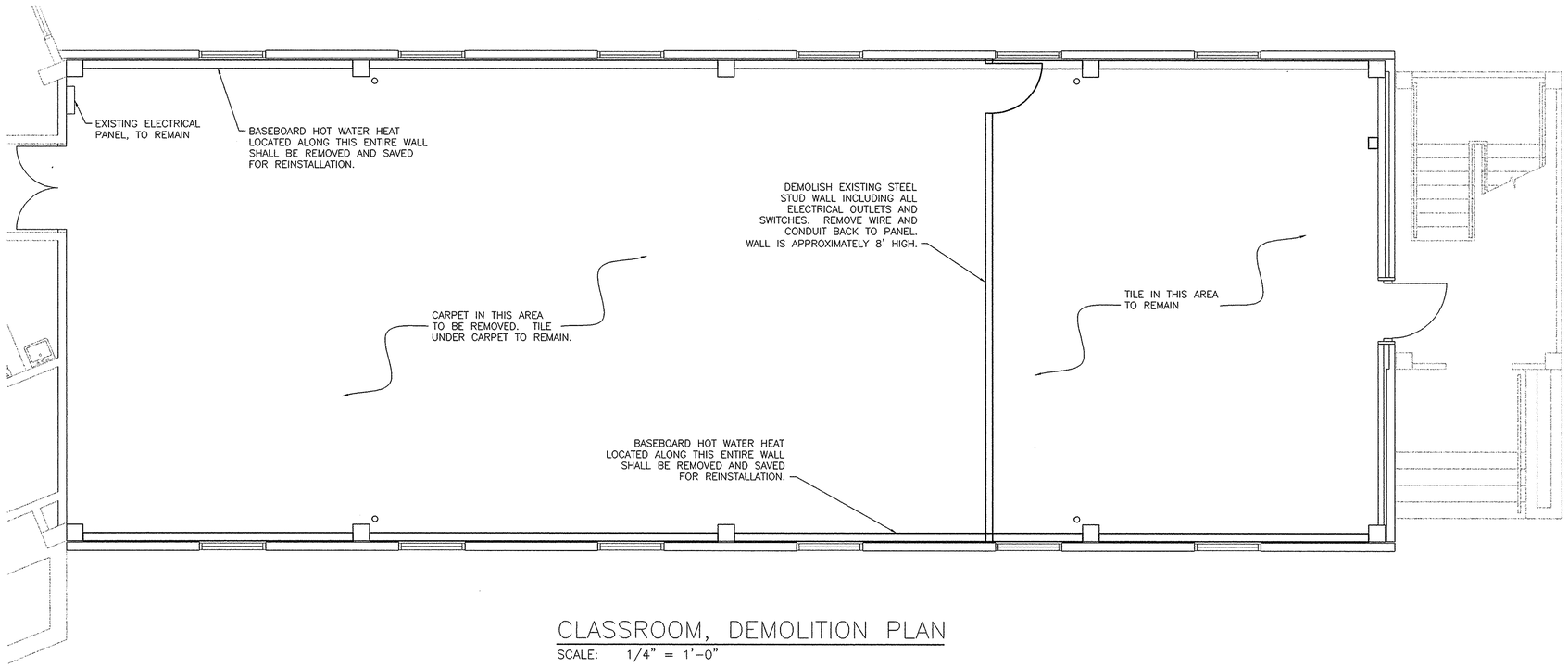
SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ARCHITECTURAL
ORIENTATION MAPS

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF
RJ LEGIER, CDR		
APPROVING OFFICER		DATE: 6/27/01

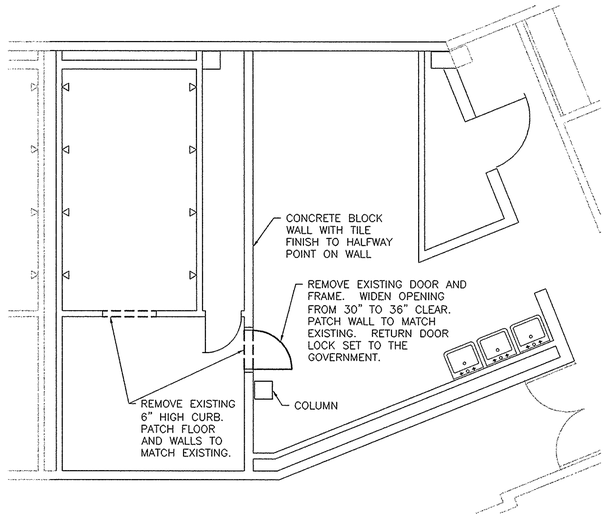
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T00053	T-4967-AD
DISCIPLINE/SHT NO	
A1	SHEET 1 OF 9

F:\Projects\940 LRC\Drawings\T-4967-AD.dwg Fri Jun 22 11:29:35 2001



CLASSROOM, DEMOLITION PLAN

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



BATHROOM, DEMOLITION PLAN

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

F:\Projects\940 LRCV\Drawings\T-4968-AD.dwg Fri Jun 22 11:29:40 2001

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CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4968-AD
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	
SCALE: AS SHOWN	PLOT SCALE:

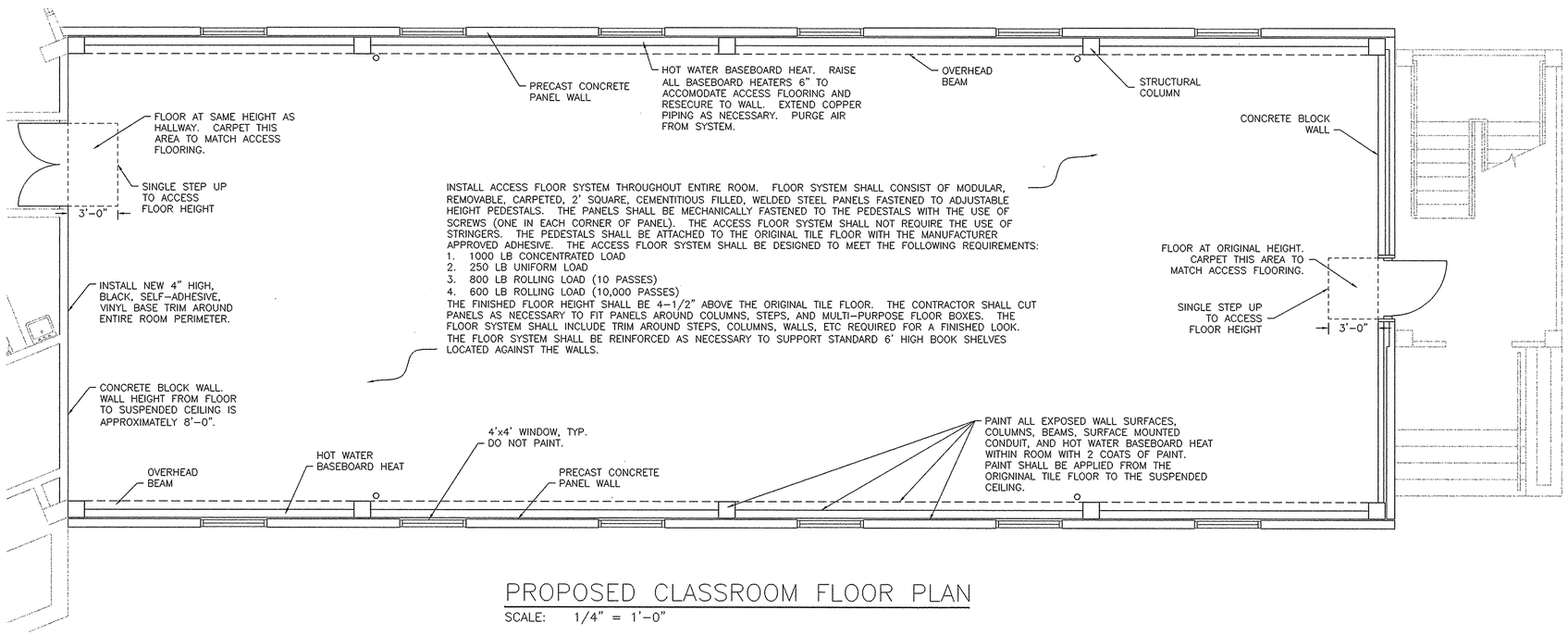
SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ARCHITECTURAL
DEMOLITION

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF

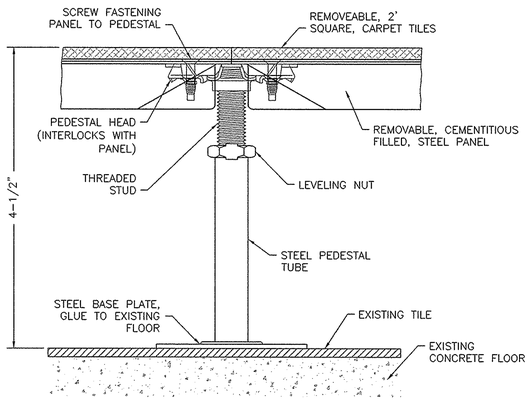
R.J. LEGIER, CDR, P.E. — APPROVING OFFICER — 6/27/01 DATE

PROJECT NUMBER	DRAWING NUMBER
T00053	T-4968-AD
DISCIPLINE/SHT NO	
A2	SHEET 2 OF 9



PROPOSED CLASSROOM FLOOR PLAN

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



ACCESS FLOORING DETAIL

SCALE: NONE

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TRAINING CENTER
CAPE MAY

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1 MUNRO AVE.
CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4969-AD
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	

SCALE: AS SHOWN PLOT SCALE:

SHEET TITLE

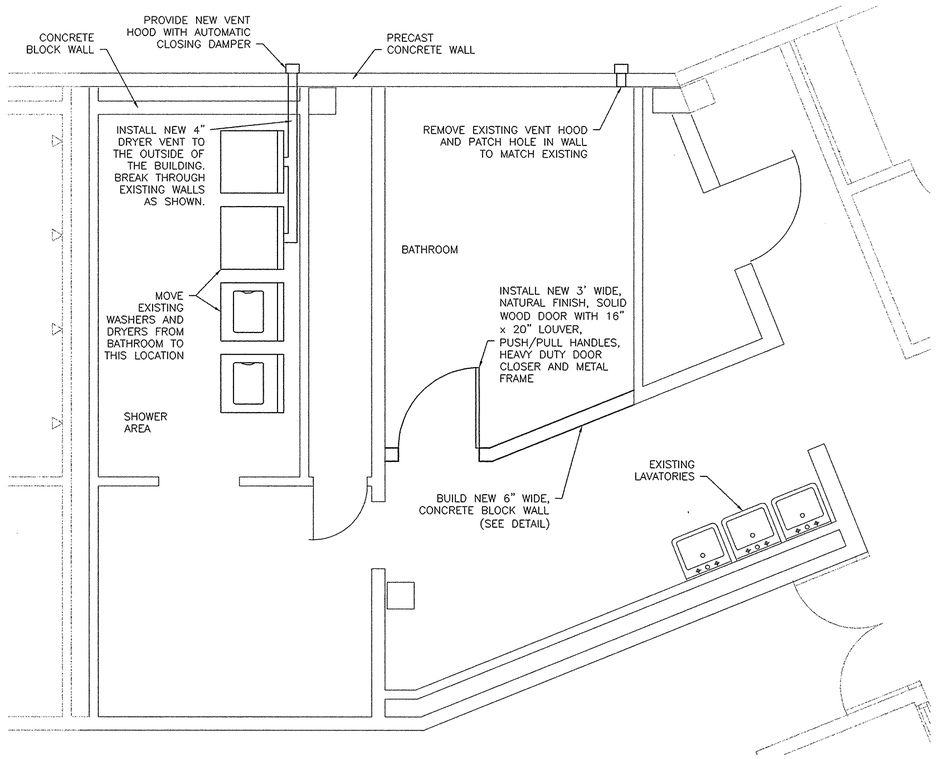
LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ARCHITECTURAL
CLASSROOM FLOOR PLAN

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF

RJ LEGIER, CDR, PE — APPROVING OFFICER — 6/27/01 DATE

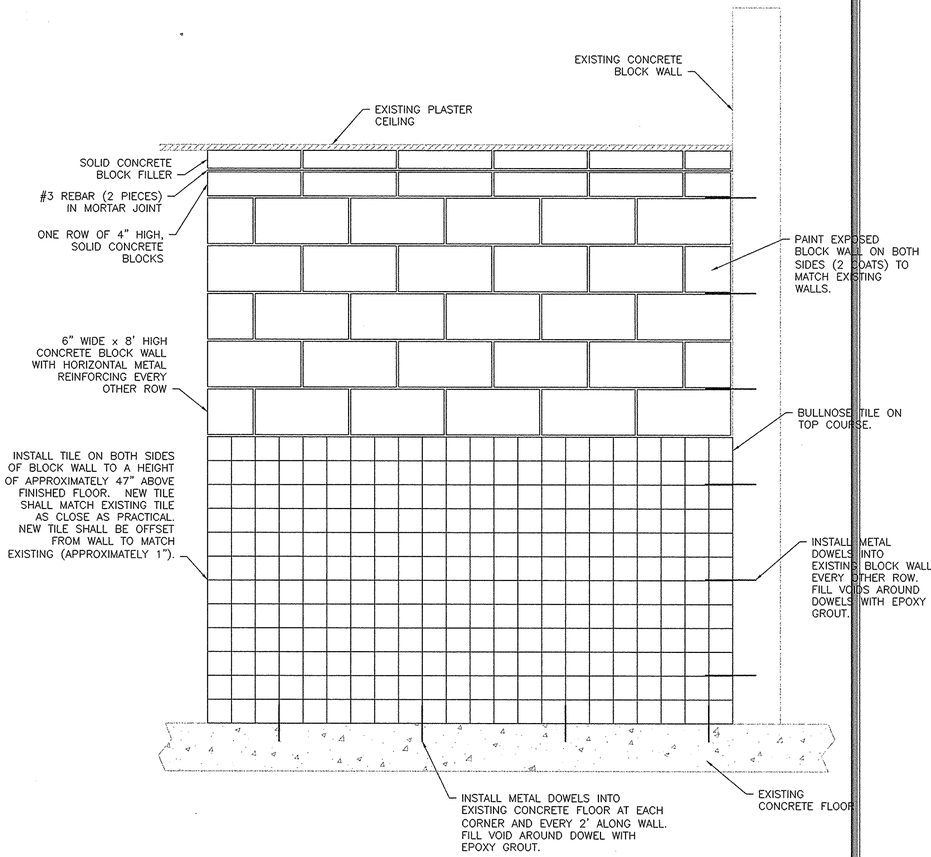
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T00053	T-4969-AD
DISCIPLINE/SHT NO	
A3	SHEET 3 OF 9

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PROPOSED BATHROOM AND SHOWER FLOORPLAN

SCALE: 3/8" = 1'-0"



NEW BLOCK WALL DETAIL

SCALE: 1" = 1'-0"

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TRAINING CENTER
CAPE MAY

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CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4970-AD
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	

SCALE: AS SHOWN PLOT SCALE:

SHEET TITLE

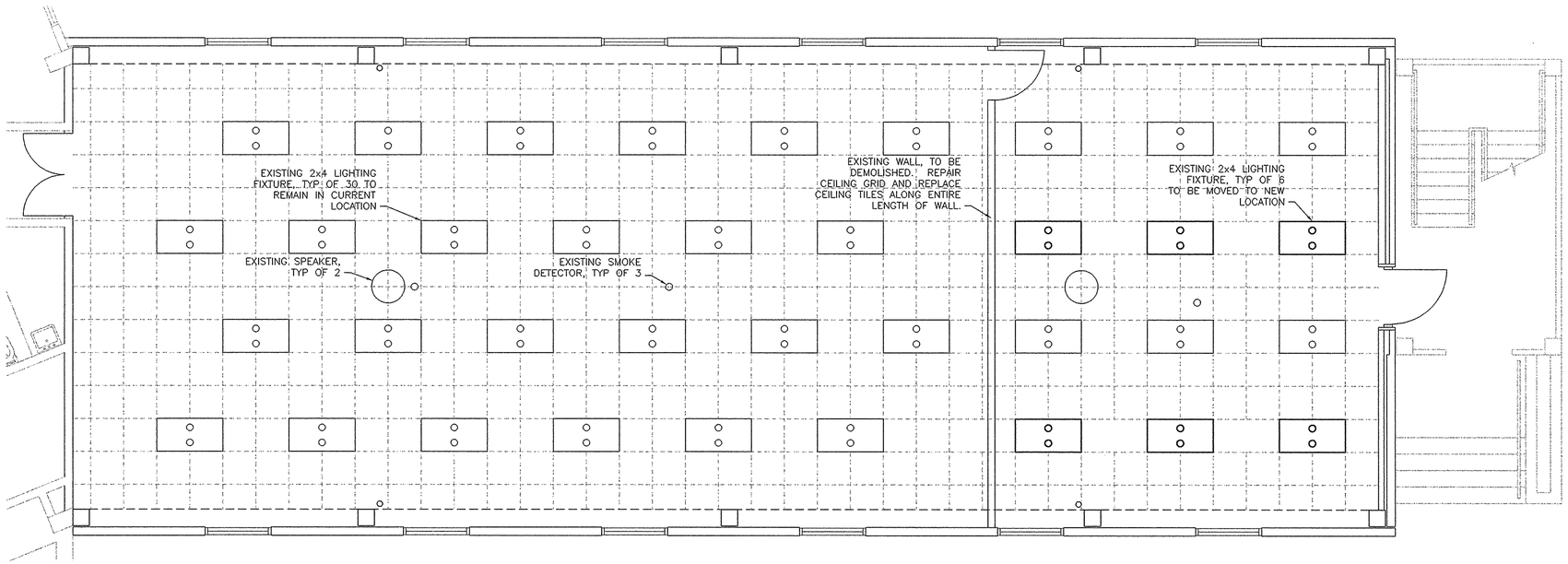
LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ARCHITECTURAL
BATHROOM FLOORPLAN

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF

RJ LEGNER, CDR, P.E. — APPROVING OFFICER
6/27/01 — DATE

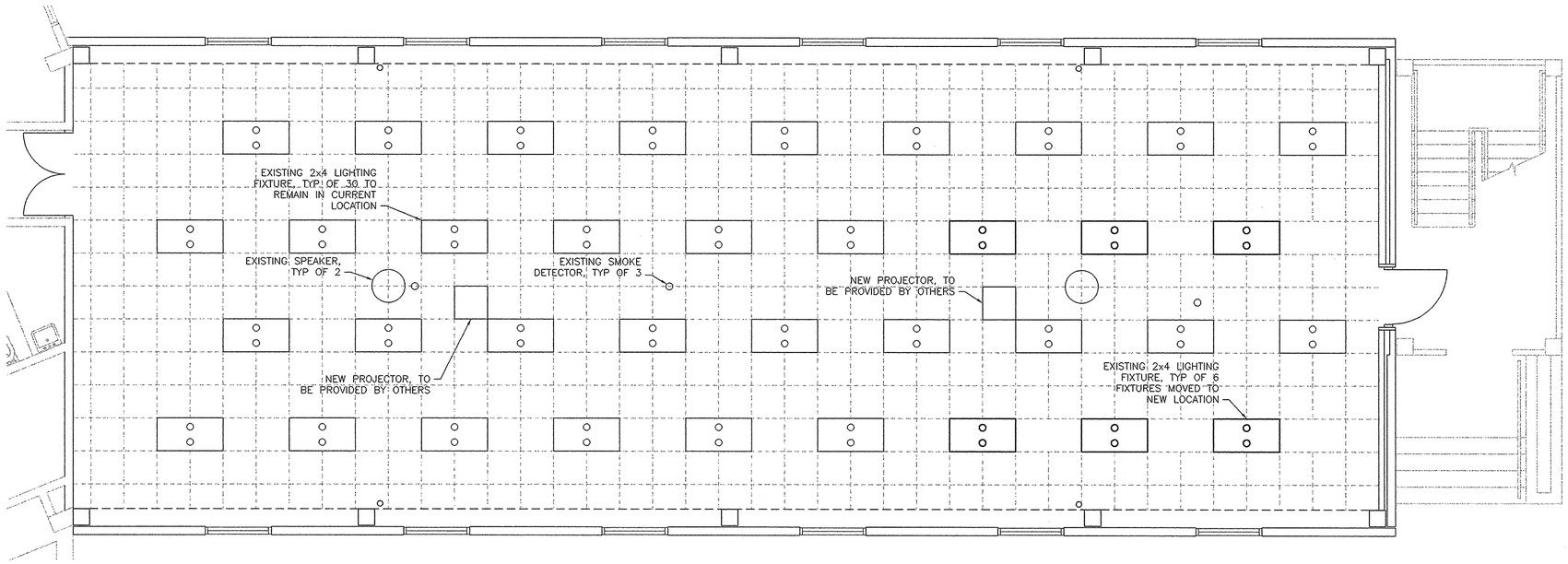
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T00053	T-4970-AD
DISCIPLINE/SHT NO	
A4	SHEET 4 OF 9

F:\Projects\940 LRC\Drawings\T-4970-AD.dwg Fri Jun 22 11:30:20 2001



EXISTING REFLECTED CEILING PLAN

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



PROPOSED REFLECTED CEILING PLAN

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

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ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4971-AD
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	

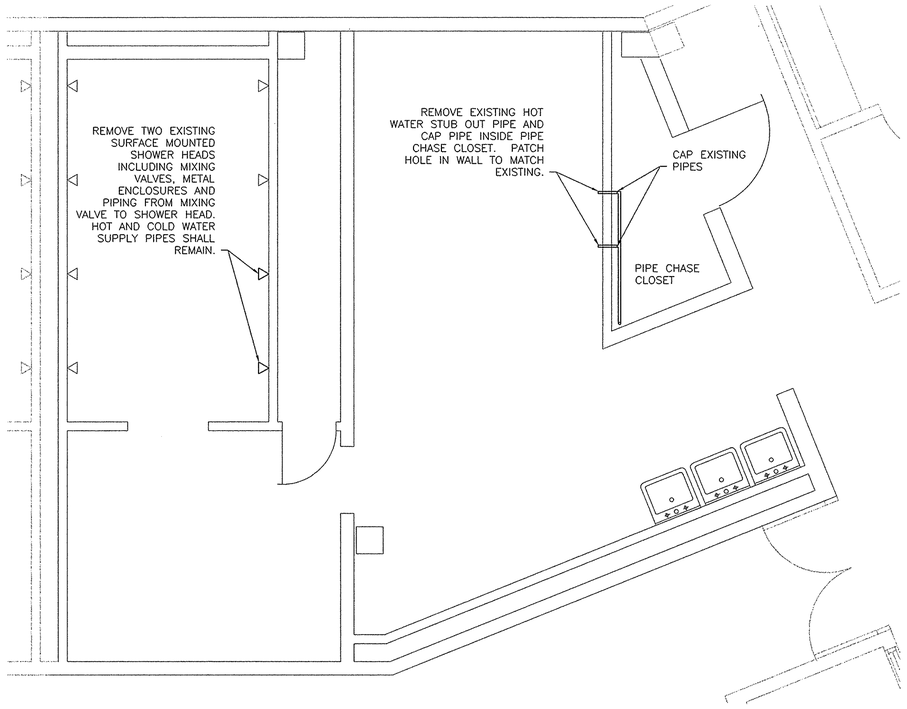
SCALE: AS SHOWN PLOT SCALE:

SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ARCHITECTURAL
REFLECTED CEILING PLAN

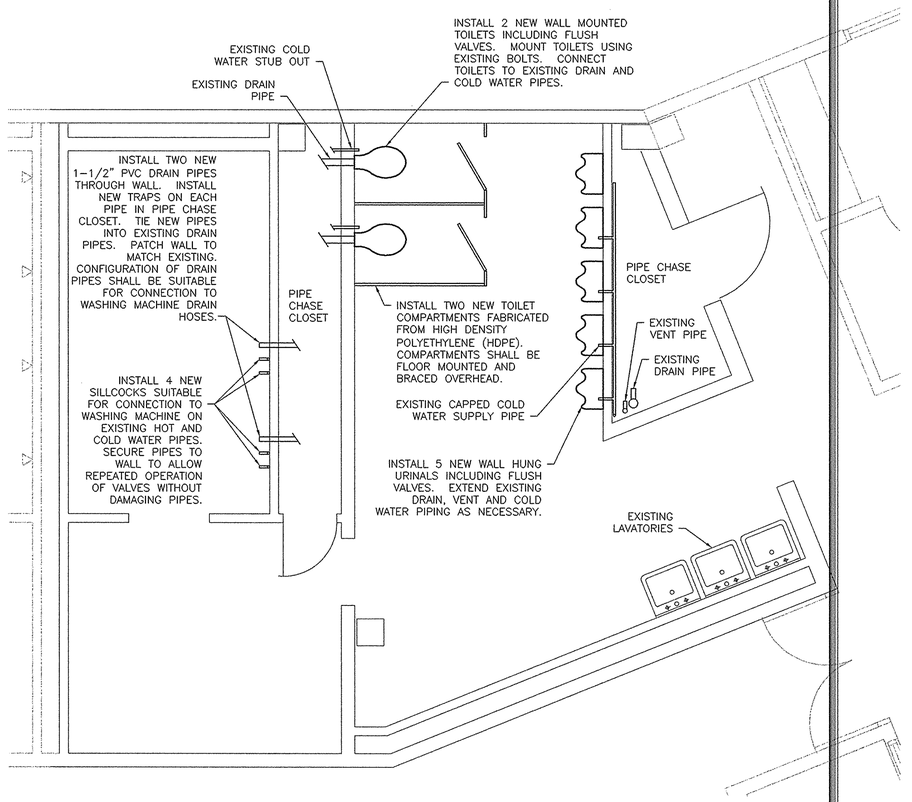
REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF
RJ LEGIER, CDR, P.E.		6/27/01
APPROVING OFFICER		DATE

PROJECT NUMBER	DRAWING NUMBER
T00053	T-4971-AD
DISCIPLINE/SHT NO	SHEET 5 OF 9
A5	



BATHROOM PLUMBING DEMOLITION PLAN

SCALE: 3/8" = 1'-0"



PROPOSED BATHROOM PLUMBING PLAN

SCALE: 3/8" = 1'-0"

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ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO: CMS-940
CAD FILE NAME: T-4972-MD
DESIGNED BY: SCM
DRAWN BY: SCM
EDITED BY:
CHECKED BY:

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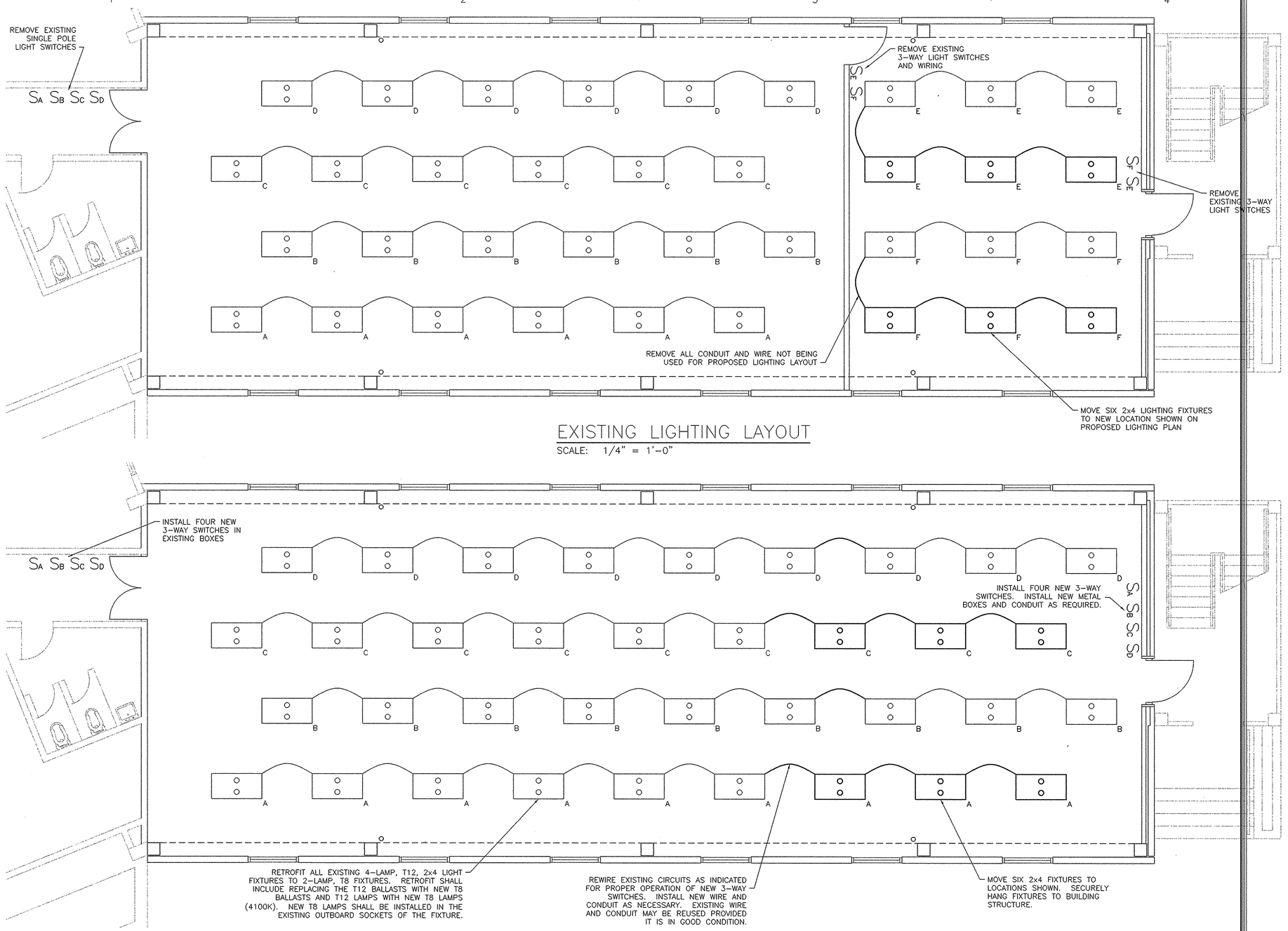
SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
MECHANICAL
BATHROOM PLUMBING

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG / SECTION CHIEF		BRANCH CHIEF
RJ LEGIER, CDR, P.E.		6/27/01
APPROVING OFFICER		DATE

PROJECT NUMBER	DRAWING NUMBER
T00053	T-4972-MD
DISCIPLINE/SHT NO	SHEET 6 OF 9
M1	

F:\Projects\940 LRC\Drawings\T-4972-MD.dwg Fri Jun 22 14:42:03 2001



EXISTING LIGHTING LAYOUT

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

PROPOSED LIGHTING LAYOUT

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

F:\Projects\940 LHC\Drawings\T-4973-ED.dwg Fri Jun 22 13:08:26 2001

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TRAINING CENTER
CAPE MAY

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CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

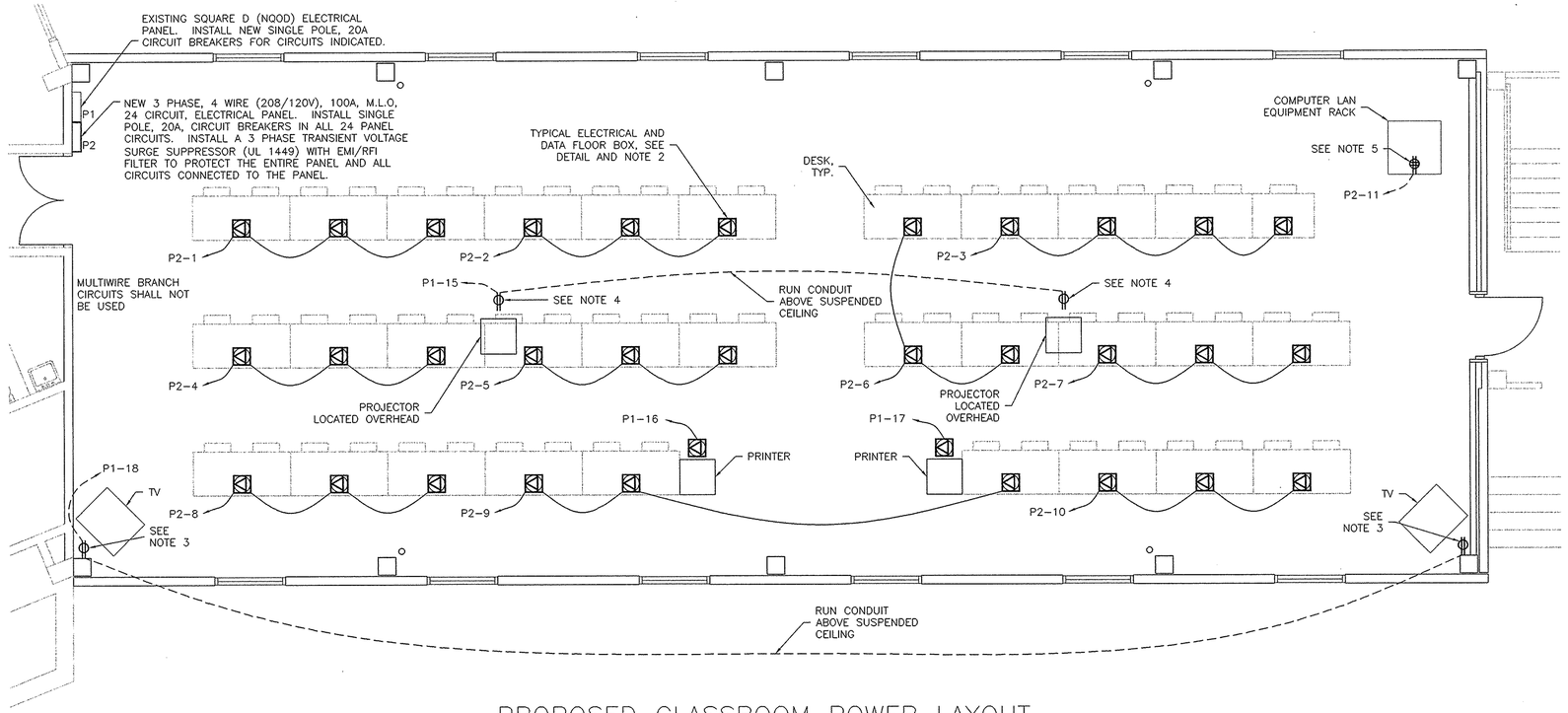
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CAD FILE NAME:	T-4973-ED
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	
SCALE: AS SHOWN	PLOT SCALE:

SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ELECTRICAL
LIGHTING

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF
RJ LEGIER, CDR	APPROVING OFFICER	DATE 6/27/01

PROJECT NUMBER	DRAWING NUMBER
T00053	T-4973-ED
DISCIPLINE/SHT NO	
E1	SHEET 7 OF 9



PROPOSED CLASSROOM POWER LAYOUT

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

NOTES:

1. THE DESKS, COMPUTER LAN EQUIPMENT, TELEVISIONS, PRINTERS, AND PROJECTORS SHOWN ON THIS DRAWING ARE NOT PART OF THIS CONTRACT. THEY ARE SHOWN IN ORDER TO HELP LOCATE THE ELECTRICAL BOXES.

2. THE FLOOR BOXES SHALL BE INSTALLED SO THAT THEY DO NOT EXTEND PAST THE DESK FOOTPRINTS SHOWN.

3. THE DUPLEX RECEPTACLES LOCATED NEAR THE TELEVISION SETS SHALL BE SURFACE MOUNTED ON THE COLUMNS 6' ABOVE THE FINISHED FLOOR.

4. THE DUPLEX RECEPTACLES LOCATED NEAR THE PROJECTORS SHALL BE INSTALLED ABOVE THE SUSPENDED CEILING.

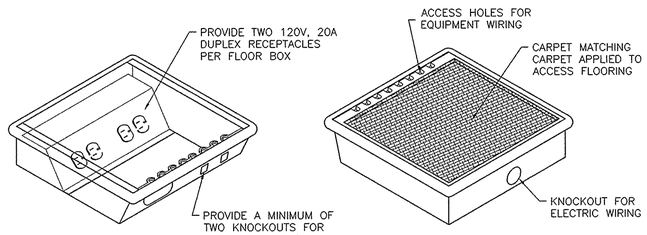
5. THE QUADRAPLEX RECEPTACLE LOCATED NEAR THE COMPUTER LAN EQUIPMENT SHALL BE INSTALLED INSIDE THE RACK. A GROMMET SHALL BE USED WHERE THE FLEXIBLE CONDUIT PASSES THROUGH THE ACCESS FLOORING.

6. ALL WIRE RUN BELOW THE ACCESS FLOOR SHALL BE INSTALLED IN FLEXIBLE CONDUIT (3/4" MIN). ALL WIRE RUN ABOVE THE ACCESS FLOOR SHALL BE INSTALLED IN EMT (3/4" MIN). ALL CONDUIT, INCLUDING THAT INSTALLED BELOW THE ACCESS FLOOR, SHALL BE RUN AT 90° TO THE WALLS AND FLOOR.

7. PATCH ALL HOLES WHERE THE CONDUIT PASSES THROUGH EXISTING WALLS.

8. THE GROUND SYSTEM FOR THE NEW ELECTRICAL PANEL AND FEEDER SHALL BE KEPT ISOLATED FROM OTHER ELECTRICAL CIRCUITS IN THE BUILDING EXCEPT AT THE POINT OF CONNECTION AT THE MAIN DISTRIBUTION PANEL.

9. GROUND THE ACCESS FLOOR SYSTEM IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. KEEP THE ACCESS FLOOR GROUNDING SYSTEM ISOLATED FROM THE NEW PANEL AS DISCUSSED IN NOTE 8.

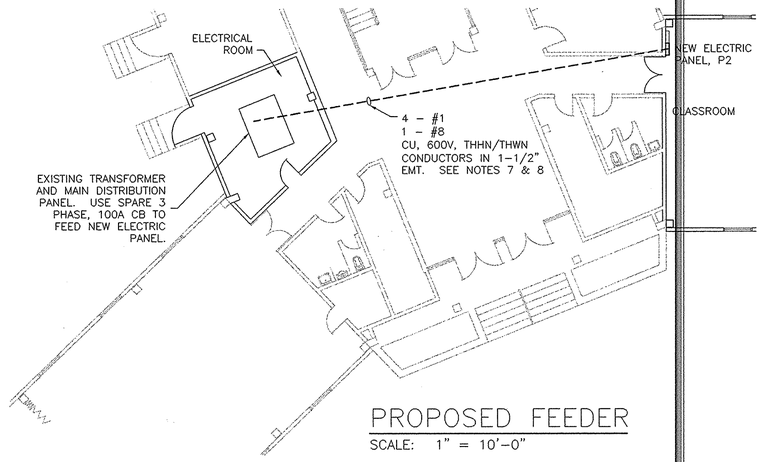


FLOOR MOUNTED POWER & DATA BOX

SCALE: . NONE

LEGEND

- FLOOR MOUNTED ELECTRICAL POWER AND DATA BOX
- DUPLEX RECEPTACLE
- QUADRAPLEX RECEPTACLE
- P2-3 — FLEXIBLE CONDUIT INSTALLED BELOW ACCESS FLOORING, PANEL AND CIRCUIT INDICATED
- P1-15 — EMT INSTALLED ABOVE SUSPENDED CEILING, PANEL AND CIRCUIT INDICATED



PROPOSED FEEDER

SCALE: 1" = 10'-0"

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CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4974-ED
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	
SCALE: AS SHOWN	PLOT SCALE:

SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ELECTRICAL
CLASSROOM POWER

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT ENG	SECTION CHIEF	BRANCH CHIEF

RJ LEGIER, CDR, P.E. — APPROVING OFFICER — 6/27/01 DATE

PROJECT NUMBER	DRAWING NUMBER
T00053	T-4974-ED
DISCIPLINE/SHT NO	
E2	SHEET 8 OF 9

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EXISTING PANEL "P1"

AMPS 100 MAIN M.L.O. VOLTS 120/208 PHASE 3 MOUNTING SURFACE LOCATION CLASSROOM

BRKR A	BRKR P	DESCRIPTION	CIRCUIT VA	CIRCUIT NO	PHASE LOADS A	PHASE LOADS B	PHASE LOADS C	CIRCUIT NO	CIRCUIT VA	DISCRIPTION	BRKR A	BRKR P
20	1	PLUG STRIP	-	1	-			2	-	PLUG STRIP	20	1
20	1	PROJECTOR	-	3		-		4	-	POWER POLE	20	1
20	1	POWER POLE	-	5			-	6	-	POWER POLE	20	1
20	1	POWER POLE	-	7	-			8	-	PARTITION RECEPTACLE *	20	1
20	1	PARTITION RECEPTACLE *	-	9		-		10	-	BACK ROOM LIGHTS **	20	1
20	1	BACK ROOM LIGHTS **	-	11			-	12	-	UNKNOWN	20	1
-	1	EMPTY	-	13	-			14	-	UPS	30	1
20	1	PROJECTORS ***	-	15		-		16	-	PRINTER ***	20	1
20	1	PRINTER ***	-	17			-	18	-	TV ***	20	1
-	1	EMPTY	-	19	-			20	-	EMPTY	-	1
-	1	EMPTY	-	21		-		22	-	EMPTY	-	1
-	1	EMPTY	-	23			-	24	-	EMPTY	-	1

TOTAL LOAD _____ WATTS
_____ AMPS

* REMOVE WIRE AND CONDUIT BACK TO EXISTING PANELBOARD.

** THE CONTRACTOR MAY REUSE THE EXISTING CONDUIT AND WIRE FOR THE LIGHTING CIRCUITS PROVIDED IT IS IN GOOD CONDITION. IF IT IS NOT REUSED, THE CONDUIT AND WIRE SHALL BE REMOVED.

*** PROVIDE SINGLE POLE, 20A CIRCUIT BREAKERS FOR THESE NEW CIRCUITS.

NEW PANEL "P2"

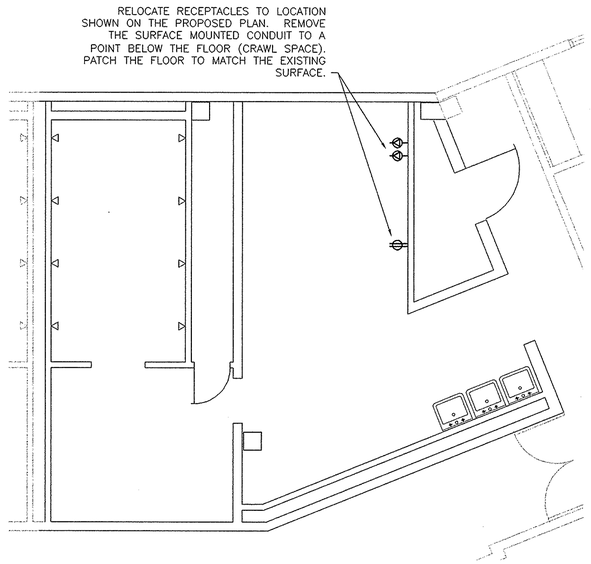
AMPS 100 MAIN M.L.O. VOLTS 120/208 PHASE 3 MOUNTING SURFACE LOCATION CLASSROOM

BRKR A	BRKR P	DESCRIPTION	CIRCUIT VA	CIRCUIT NO	PHASE LOADS A	PHASE LOADS B	PHASE LOADS C	CIRCUIT NO	CIRCUIT VA	DISCRIPTION	BRKR A	BRKR P
20	1	FLOOR RECEPTACLES	1440	1	2880			2	1440	FLOOR RECEPTACLES	20	1
20	1	FLOOR RECEPTACLES	1680	3		3120		4	1440	FLOOR RECEPTACLES	20	1
20	1	FLOOR RECEPTACLES	1440	5			2880	6	1440	FLOOR RECEPTACLES	20	1
20	1	FLOOR RECEPTACLES	1440	7	2880			8	1440	FLOOR RECEPTACLES	20	1
20	1	FLOOR RECEPTACLES	1440	9		2880		10	1440	FLOOR RECEPTACLES	20	1
20	1	COMPUTER LAN EQUIPMENT	1000	11			1000	12	-	SPARE *	20	1
20	1	SPARE *	-	13	-			14	-	SPARE *	20	1
20	1	SPARE *	-	15		-		16	-	SPARE *	20	1
20	1	SPARE *	-	17			-	18	-	SPARE *	20	1
20	1	SPARE *	-	19	-			20	-	SPARE *	20	1
20	1	SPARE *	-	21		-		22	-	SPARE *	20	1
20	1	SPARE *	-	23			-	24	-	SPARE *	20	1
					5760	6000	3880			TOTAL LOAD 15,640	WATTS	
											AMPS	

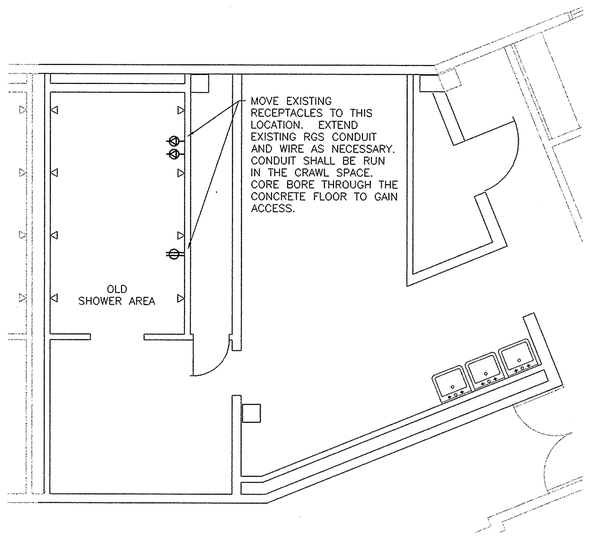
* PROVIDE SINGLE POLE, 20A CIRCUIT BREAKERS IN ALL UNUSED CIRCUITS

LEGEND

- DRYER RECEPTACLE
- DUPLEX RECEPTACLE



EXISTING POWER IN BATHROOM
SCALE: 1/4" = 1'-0"



PROPOSED POWER IN BATHROOM
SCALE: 1/4" = 1'-0"

CONSULTANTS

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TRAINING CENTER
CAPE MAY

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1 MUNRO AVE.
CAPE MAY, NJ 08204-5092

ISSUE		
MARK	DATE	DESCRIPTION

A/E PROJECT NO:	CMS-940
CAD FILE NAME:	T-4975-ED
DESIGNED BY:	SCM
DRAWN BY:	SCM
EDITED BY:	
CHECKED BY:	
SCALE: AS SHOWN	PLOT SCALE:

SHEET TITLE

LEARNING RESOURCE CENTER
TRACEN CAPE MAY
CAPE MAY NEW JERSEY
MUNRO HALL BUILDING #261
ELECTRICAL
PNL. SCHEDULE & POWER

REVIEWED BY:	REVIEWED BY:	REVIEWED BY:
PROJECT LEAD	SECTION CHIEF	BRANCH CHIEF
RJ LEGIER, SDR P.E. (APPROVING OFFICER)		6/27/01 (DATE)

PROJECT NUMBER	DRAWING NUMBER
T00053	T-4975-ED
DISCIPLINE/SHT NO	
E3	SHEET 9 OF 9

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