EAST SIDE PUBLIC WORKS MAINTENANCE FACILITY --- PHASE 1
4602 SYCAMORE AVENUE
MADISON, WISCONSIN

POTTER LAWSON & PAWLOWSKY · ARCHITECTS

ARNOLD & O'SHERIDAN
structural, plumbing & hvac consultants

ELWOOD ANDERSON & ASSOC.
electrical consultants

NOTE
The work authorized on this permit does not include any plumbing, heating or electrical work. Separate permits are required for those three trades.

RECEIVED
FEB 21 1977
BUILDING DEPARTMENT
CITY OF MADISON

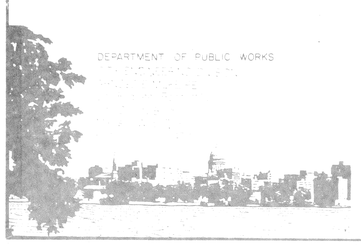
BUILDING PLANS
Conditionally
APPROVED
CITY OF MADISON BLDG. INSPECTION DIV.
BY: ..... DATE: 3-15-77

CERTIFICATE OF OCCUPANCY
REQUIRED BEFORE BUILDING CAN BE OCCUPIED
PENALTY—FINE OF $10 TO $100

50.13 IMPORTANT
(Ind. XX1, Design and Supervision)
This structure shall be constructed under the supervision of an architect or engineer. On completion of the construction, the supervising architect or engineer shall file a written statement with the Department of Industry, Labor and Human Relations certifying that the construction conforms with the plans and specifications approved by the Commission.

HEATING AND VENTILATING
BUILDING PLANS
Conditionally
APPROVED
DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS
Ronald Bradt
SEE CORRESPONDENCE
DEC 21 1976

CITY OF MADISON WISCONSIN



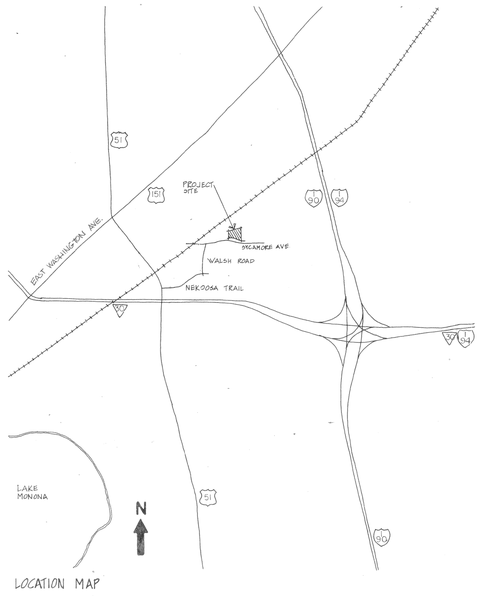
ACCOUNT NUMBER: 434-02-0-595

APPROVED BY THE COMMON COUNCIL
MADISON, WISCONSIN NOVEMBER 23, 1976

ELDON L. HOEL - city clerk

DESIGNED:
DRAWN:
CHECKED: DATE:
SURVEY NOTES:

ARNOLD E. MILKE
E-05584
Madison
WI
PROFESSIONAL ENGINEER
ARNOLD E. MILKE - P.E.



LOCATION MAP

DRAWING INDEX

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RECEIVED
MAR 15 1977
BUILDING DEPARTMENT
CITY OF MADISON

BUILDING PLANS
Conditionally
APPROVED
CITY OF MADISON BLDG. INSPECTION DIV.
BY: ..... DATE: 3-15-77

Warren R. Bauer

PROJECT NO.	7610
DRAWN BY:	D.J.E.
CHECKED BY:	W.B.
DATE:	11/17/76
	A-1

East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

PHASE ONE SITE PLAN

PROJECT NO. 6D
DRAWN BY W.B.
CHECKED BY W.B. A.P.
DATE 11/1/76

A-2

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
8438 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-836-7444

PHASE I SITE PLAN

SCALE: 1"=50'

NOTES: 1.) BY IS ANTICIPATED THAT A SYCAMORE AVENUE STREET IMPROVEMENT CONSTRUCTION CONTRACT WILL BEGIN IN THE SPRING, 1977.

2.) SEE PROPOSED PHASE 2 SITE PLAN FOR PROPOSED FINISH GRADES AROUND THE BUILDING & APPURTENANCES.

3.) THE PROJECT UNIT LINE & THE SYCAMORE AVENUE NORTH R.O.W. LINE ON THE SOUTH DEFINE THE AREA WITHIN WHICH THE CONTRACTOR WILL BE ALLOWED TO STAGE ALL MATERIALS, EQUIPMENT, TRAILERS ETC.

4.) EXISTING TEST WELL SHALL NOT BE DISTURBED. THE OWNER WILL ADJUST TO NEW FINISH GRADE.

SECTION THRU EROSION CONTROL DAM
SCALE: 1/4"=1'-0"

EROSION CONTROL DAM TO BE CONSTRUCTED OF CLAYEY MATERIAL OF MADISON GRADATION # 3.

DESCRIPTION:
PART OF THE SW 1/4 OF THE SW 1/4 OF SECTION 34, T8N, R11E, (TOWN OF BLOOMING GROVE) AND PART OF LOT 1 OF CSM 1109, DANE COUNTY, WISCONSIN TO WIT:
COMMENCING AT THE WEST 1/4 CORNER OF SAID SECTION 34; THENCE N 00-44'-36"E - 88.35'; THENCE N 89°-30'-40"E - 1307.50'; THENCE S 00°-44'-36"W - 88.35'; THENCE S 89°-30'-40"W - 1307.50' TO THE POINT OF BEGINNING. CONTAINING 2.65 ACRES.
AND
BEGINNING AT THE NW CORNER OF LOT 1 OF CSM 1109; THENCE ALONG A CURVE TO THE RIGHT WHICH HAS A RADIUS OF 800.00' AND A LONG CHORD THAT BEARS S 89°-00'-51"E - 104.07'; THENCE S 85°-17'-06"E - 809.70'; THENCE ALONG A CURVE TO THE LEFT WHICH HAS A RADIUS OF 1100.00' AND A LONG CHORD THAT BEARS S 88°-16'-19"E - 166.89'; THENCE N 89°-44'-09"E - 132.64'; THENCE N 0°-30'-16"E - 900.43'; THENCE S 89°-44'-10"W - 830.00' THENCE S 24°-26'-15"W - 891.01' TO THE POINT OF BEGINNING.

NOTE: ALL BEARINGS ARE REFERRED TO GRID NORTH OF THE WISCONSIN STATE COORDINATE SYSTEM, SOUTH ZONE.

THE CITY IS EXCAVATING THE CONSTRUCTION SITE FOR BORROW MATERIALS AS PART OF THE CITY'S LANDFILL OPERATIONS. THE CONTOURS SHOWN IN THE DASHED LINES ARE THE ANTICIPATED CONTOURS BY APRIL 1, 1977. THE CITY PLANS TO CONTINUE EXCAVATING THROUGH SEPTEMBER, 1977 IN THOSE AREAS NORTH OF STATION 5 + 00S AND WEST OF STATION 4 + 00E AND EAST OF STATION 12 + 00E.

CITY EXCAVATION AREA

UNIT "A" FIN. FL. EL. 78.0
UNIT "B" FIN. FL. EL. 81.0
UNIT "C" FIN. FL. EL. 83.0
UNIT "D" FIN. FL. EL. 82.0

PROJECT LIMIT LINE

HAUL ROAD

APPROX. GRADE

RIGHT OF WAY LINE (SYCAMORE AVENUE)

LAYOUT POINT: 912' EAST 1,624' NORTH

ENTRANCE WALL AND SIGNAGE BY OTHERS

GAS SERVICE BY MADISON GAS & ELECTRIC CONTRACTOR

SPRINKLER SERVICE BY PLUMBING CONTRACTOR

ELECTRIC SERVICE BY MADISON GAS & ELECTRIC CONTRACTOR

FIRE HYDRANT ASSEMBLY BY PLUMBING CONTRACTOR

EROSION CONTROL BY EARTHWORK CONTRACTOR SEE CROSS SECTION THIS SHEET

ALTERNATE 12" WATER MAIN

P.O.W. LINE (SYCAMORE AVENUE R.O.W. LINE)

EX. 8" WATER MAIN

EX. 12" GAS MAIN

EX. SANITARY SEWER

PRO. STORM SEW.

THE EXISTING CLAY STOCKPILE LOCATED BETWEEN STATION 4 + 00E AND 6 + 00E AND STRETCHING FROM 3+00N TO 8+00N SHALL BE REMOVED TO APPROPRIATE GRADES SHOWN BY SEPARATE CITY CONTRACT IN THE SPRING, 1977.

W 1/4 CORNER SECTION 34 T8N, R10E (BURKE) N 480,135.80 E 2,185,380.37 ELEV. = 55.59

● TEST WELL

EXISTING CONTOURS
PROPOSED CONTOURS
WATER MAIN
ZONING LIMITS
PROPOSED STORM SEWER
PROPOSED SANITARY SEWER
EXISTING WATER MAIN
EXISTING GAS MAIN
● 10" EXISTING TREE & DIAMETER
TREE TO BE REMOVED
CITY LIMITS

GRADING PLAN BY BOB VETTER 3/4/76
DRAFTED BY MK

HORIZONTAL DATUM IS BASED ON THE WISCONSIN PLANE COORDINATE SYSTEM
ALL ELEVATIONS ARE REFERRED TO CITY OF MADISON DATUM AS ESTABLISHED BY THE CITY OF MADISON IN 1929 ADJUSTMENT.
SUPPLEMENTARY 1 FOOT CONTOURS COMPILED BY STEREO-PHOTOGRAMMETRIC INTERPOLATION BETWEEN BASIC 2 FOOT CONTOURS.

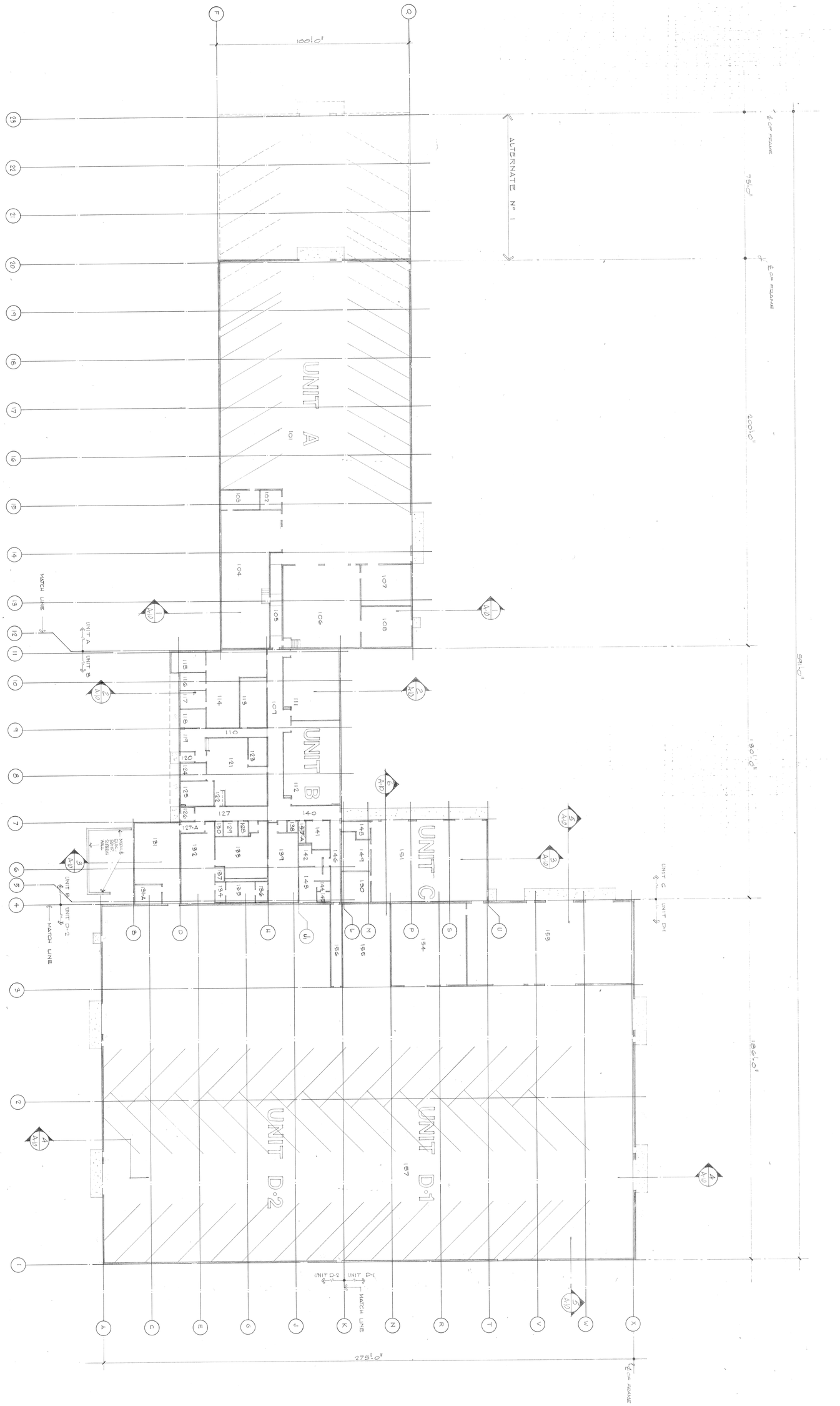
DATE OF PHOTOGRAPHY: MAY 6, 1975
DATE OF MAPPING: FEBRUARY 11, 1976

FOR PRELIMINARY
USE ONLY
Date: Nov. 3, 1976

PROPOSED PHASE 2 SITE PLAN (N.I.C. SEE NOTE) SCALE: 1" = 50'

NOTE: (11/17/76)

1. THIS DRAWING WAS PREPARED BY THE CITY OF MADISON TO SHOW PROPOSED FINISH GRADING, PAVING, WALLS, FENCING ETC. PROPOSED TO BE PROVIDED BY FUTURE, SEPARATE CONTRACTS AS PHASE 2 WORK. THIS DRAWING IS INCLUDED IN THIS SET FOR REFERENCE ONLY.



East Side Public Works Maintenance Facility ··· Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

REFERENCE FLOOR PLAN

PROJECT NO. 7610
DRAWN BY: M.M.
CHECKED BY: M.G.
DATE: 11/1/

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

275'-0" OVERALL - ALTERNATE # 1 N.T.S.

200'-0" OVERALL - BASE BID

ALTERNATE Nº 1

MATCH LINE TO UNIT "B"

STRIPING FOR 12 PARKING SPACES - N.I.C.

PARKING SPACE STRIPING - N.I.C.

EXIT AISLE

THIS WALL MOVES TO COL. LINE #23 W/ ALTERNATE N2 1

ALTERNATE Nº 1: EXTEND TRENCH DRAIN AS SHOWN

ALTERNATE Nº 1: BOT OF TRENCH DRAIN - 76'-6"

TRENCH DRAIN

SLOPE TO DRAIN EAST

SLOPE TO DRAIN WEST

PARKS DIVISION VEHICLE & EQUIPMENT STORAGE 101

LINE OF OVERHEAD DOOR IN OPEN POSITION

LINE OF OVERHEAD DOORS IN OPEN POSITION

PER METAL BLDG. MFR. STANDARDS

WORK BENCH N.I.C.

STORAGE CABINETS N.I.C.

EMP. SAW TEST BOOTH N.I.C.

PARKS MAINTENANCE 108

FORESTRY MAINTENANCE 107

PARKS & FORESTRY MAINTENANCE 106

PARKS MAINTENANCE 104

FLAMMABLE & COMBUSTIBLE LIQUID STORAGE 103

CHEMICAL STORAGE 102

ALTERNATE Nº 3 5 TON CAPACITY BRIDGE CRANE

COMPLIANCE WITH SERVICE ACCESS AISLE PER DEPT. OF COMMERCE

HANDRAILS - SEE DET. SHEET 5-5

STAIR #1 SEE DETAIL SHEETS 5-3 & 5-4 FOR RAILINGS

STAIR #2 SEE DETAIL SHEETS 5-3 & 5-4 FOR RAILINGS

RAMP

SEE DOOR SCHEDULE

ELEC. PANEL "A"

ELEC. PANEL "B"

TELEPHONE CABINET

EYE WASH

H.B.

W.H.

F.D.

4" HIGH CURB

12" HIGH CURB

W.C.

SINK

EXP. JT.

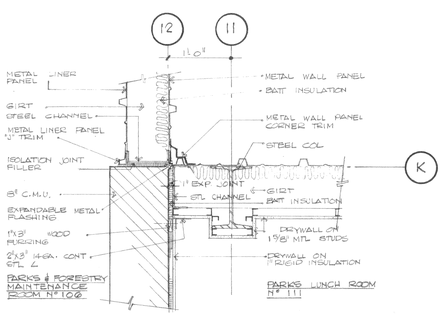
CONTROL JOINT

DJG

DOOR OPNG.

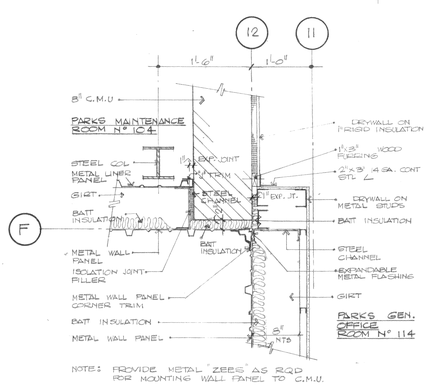
SEE DET. SHEET 5-5

SEE DET. SHEET 5-3 & 5-4 FOR RAILINGS



PLAN DETAIL 1/A-4

SCALE: 1" = 1'-0"



NOTE: PROVIDE METAL "ZEES" AS REQ'D FOR MOUNTING WALL PANEL TO C.M.U.

PLAN DETAIL 2/A-4

SCALE: 1" = 1'-0"

ROOM FINISHES KEY

FLOOR:	
CODE	DESCRIPTION
FA	CONCRETE
FB	NOT ASSIGNED
FC	CERAMIC TILE
FD	VINYL ASBESTOS

BASE:	
CODE	DESCRIPTION
BA	NONE
BB	CERAMIC TILE 6" HIGH
BC	4" HIGH VINYL
BD	PAINTED 8" HIGH

WALLS:	
CODE	DESCRIPTION
A	CONCRETE AND/OR C.M.U. - NOT PAINTED
B	CONCRETE AND/OR C.M.U. W/PAINT FIN. #1
C	CONCRETE AND/OR C.M.U. W/PAINT FIN. #2
D	CONCRETE AND/OR C.M.U. W/PAINT FIN. #3
E	GYPSUM BOARD DRYWALL W/PAINT FIN. #2
F	GYPSUM BOARD DRYWALL W/PAINT FIN. #3
H	CONCRETE & METAL LINER PANEL

CEILING:	
CODE	DESCRIPTION
CA	EXPOSED CONSTRUCTION
CB	PRE-CAST CONCRETE PLANK
CC	SUSPENDED PLASTER W/PAINT FIN. #1
CD	SUSPENDED 2'x4' LAY-IN VINYL COVERED GYP.BD.
CE	SUSPENDED 2'x4' LAY-IN IN ACOUSTICAL

SYMBOL LEGEND

ROOM NAME
ROOM NUMBER
FLOOR
BASE
CEILING
CEILING HEIGHT
WALLS

H.B. HOSE BIB.
W.H. WALL HYDRANT
EYE WASH
E.W.C. ELECTRIC WATER COOLER
F.D. FLOOR DRAIN
D.J.G. DOOR JAMB GUARD SEE 1/A-1
C.J. CONTROL JOINT

GENERAL NOTES:

1. COORDINATE LOCATION W/ MECH. & ELECTRICAL DWGS.
2. DELETE UNDER ALTERNATE Nº 1
3. ALL MASONRY TO BE 8" NOM. C.M.U. UNLESS OTHERWISE INDICATED
4. ALL PARTITIONS IN UNIT "A" SHALL EXTEND TO THE ROOF DECK EXCEPT THE NORTH, SOUTH & WEST WALLS OF ROOMS 102 & 103 WHICH SHALL EXTEND TO THE PRE-CAST PLANK. SEE DETAIL SHEET 4-2 & DETAIL 15/S2.
5. PROVIDE CONCRETE BLOCK PURRING BEHIND ALL ELECTRICAL PANELS & TELEPHONE CABINETS WHERE CONDUIT COMES UP FROM THE FLOOR. SEE DETAIL 5/4-1

NORTH

FLOOR PLAN ... UNIT A

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

NOTE: FIN. FLOOR ELEVATION = 78'-0" EXCEPT WHERE INDICATED OTHERWISE FOR SLOPE TO DRAIN.

FLOOR PLAN - UNIT 'A'

East Side Public Works ... Phase 1 Maintenance Facility

4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER, LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE ENGINEERING PLANNING INTERIOR DESIGN CONSTRUCTION MANAGEMENT
8438 UNIVERSITY AVENUE
MADISON, WISCONSIN 53705
608-836-7144

PROJECT NO: 7610
DRAWN BY: M.M.
CHECKED BY: W.B.
DATE: 11/17/76

A-4

FLOOR PLAN ... UNITS B & C

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

NOTE: FLOOR ELEVATION = 821'-0" UNLESS OTHERWISE INDICATED

FOR SLOPE TO DRAIN

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

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

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

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

UNITS "B & C" MEZZANINE FLOOR PLAN

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

ROOM FINISHES KEY

FLOOR:		BASE:	
CODE	DESCRIPTION	CODE	DESCRIPTION
FA	CONCRETE	BA	NONE
FB	NOT ASSIGNED	BB	CERAMIC TILE 6" HIGH
FC	CERAMIC TILE	BC	4" HIGH VINYL
FD	VINYL ASBESTOS	BD	PAINTED 6" HIGH

WALLS:		CEILING:	
CODE	DESCRIPTION	CODE	DESCRIPTION
A	CONCRETE AND/OR C.M.U. - NOT PAINTED	CA	EXPOSED CONSTRUCTION
B	CONCRETE AND/OR C.M.U. W/PAINT FIN. #1	CB	PRE-CAST CONCRETE PLANK
C	CONCRETE AND/OR C.M.U. W/PAINT FIN. #2	CC	SUSPENDED PLASTER W/PAINT FIN. #1
D	CONCRETE AND/OR C.M.U. W/PAINT FIN. #3	CD	SUSPENDED 2'x4' LAY-IN VINYL COVERED GYP.BD.
E	GYPSUM BOARD DRYWALL W/PAINT FIN. #2	CE	SUSPENDED 2'x4' LAY-IN ACOUSTICAL
F	GYPSUM BOARD DRYWALL W/PAINT FIN. #3		
H	CONCRETE & METAL LINER PANEL		

SYMBOL LEGEND

(THIS SHEET ONLY)

ROOM NAME
ROOM NUMBER
FLOOR FINISH
BASE
CEILING
WALLS
HEIGHT
ROOM FINISH SCHEDULE

H.B. HOSE BIB
W.H. WALL HYDRANT
EYE WASH
EMC ELECTRIC WATER COOLER
FD FLOOR DRAIN
D/S DOOR JAMB GUARD SEE
C.J. CONTROL JOINT
F.E.C. FIRE EXTINGUISHER CABINET
WINDOW NUMBER SEE SCHEDULE - SHEET B/H

CMU (THICKNESS AS SHOWN) SEE STRUCTURE SERIES DETAILS
CMU WALL (THICKNESS AS SHOWN) EXTENDS TO 4' ABOVE C/E GRADE
STEEL STUD PARTITION, ELECTRICAL OUTLETS INCLUDED SEE STRUCTURE SERIES DETAILS
DRYWALL PARTITION EXTENDS TO C/E ABOVE IN WORK SEE DETAIL

GENERAL NOTES

1. 6'-0"W x 6'-0"H x 18"D LOCKERS 60 TOTAL 2 HIGH
2. 12'W x 6'D x 7'2"H LOCKERS 36 TOTAL
3. 12"W x 18"D x 7'2" HIGH LOCKERS 10 TOTAL
4. ALL MASONRY TO BE 8" NOM. CMU UNLESS OTHERWISE INDICATED

MATCH LINE TO UNIT A

MATCH LINE TO UNIT D-1

MATCH LINE TO UNIT D-2

BUILDING LAYOUT POINT STATION 1+64 NORTH 9+21 EAST

SEE SHEET A-9 FOR ROOF PLAN

PROJECT NO.	9210
DRAWN BY	MM
CHECKED BY	WB
DATE	11/7/96

A-5

FLOOR PLAN - UNIT 'B & C'

East Side Public Works Maintenance Facility ... Phase 1

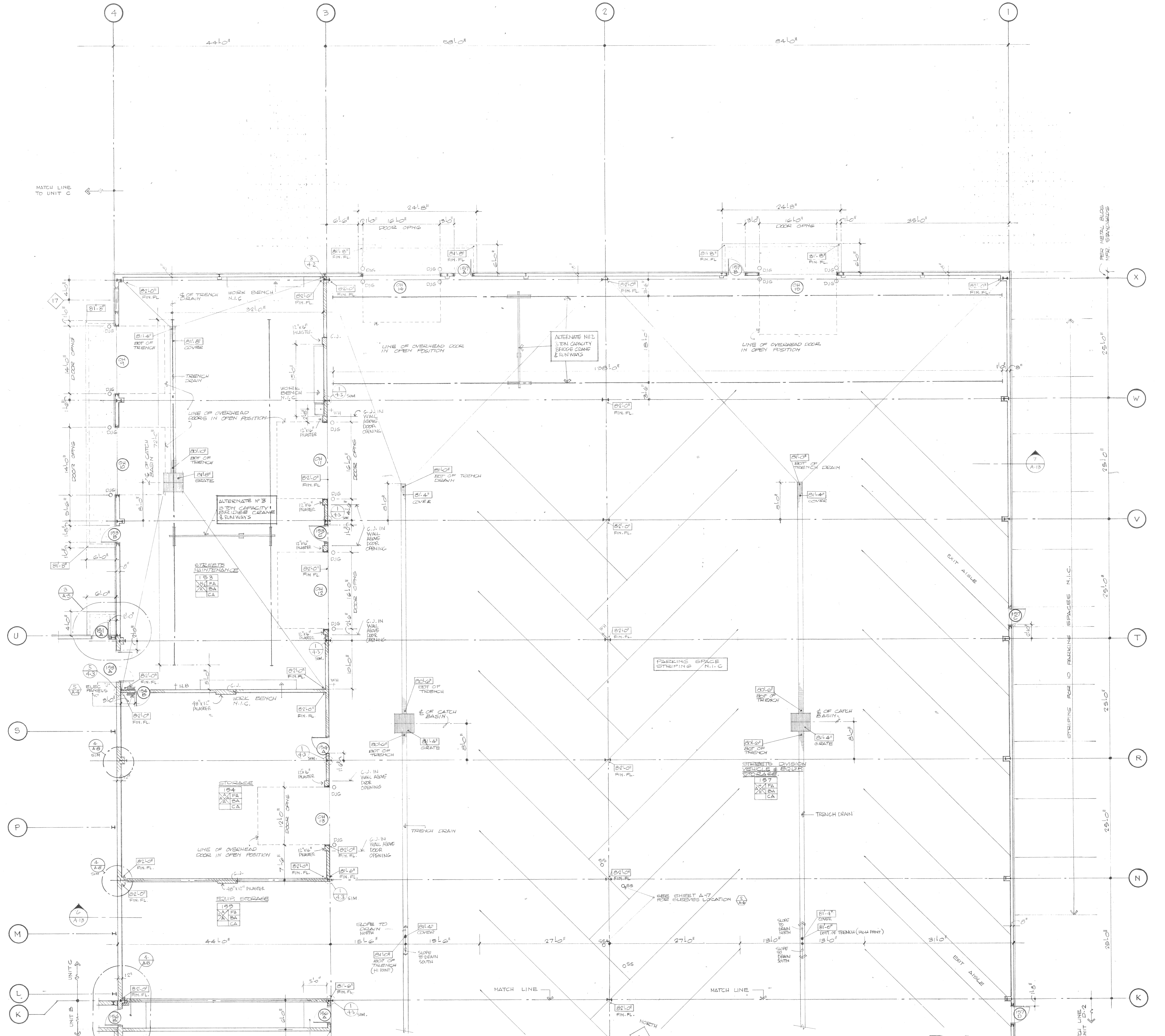
4602 sycamore ave. madison, wisconsin

owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA

ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT

2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144



FLOOR PLAN . . . UNIT D·1

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

NOTE: FIN. FLOOR ELEVATION = 82'-0" EXCEPT WHERE INDICATED OTHERWISE FOR SLOPE TO DRAINS.

ROOM FINISHES KEY

FLOOR:

CODE	DESCRIPTION
FA	CONCRETE
FB	NOT ASSIGNED
FC	CERAMIC TILE
FD	VINYL ASBESTOS

BASE:

CODE	DESCRIPTION
BA	NONE
BB	CERAMIC TILE 6" HIGH
BC	4" HIGH VINYL
BD	PAINTED 8" HIGH

WALLS:

CODE	DESCRIPTION
A	CONCRETE AND/OR C.M.U. - NOT PAINTED
B	CONCRETE AND/OR C.M.U. W/PAINT FIN. #1
C	CONCRETE AND/OR C.M.U. W/PAINT FIN. #2
D	CONCRETE AND/OR C.M.U. W/PAINT FIN. #3
E	GYPSUM BOARD DRYWALL W/PAINT FIN. #2
F	GYPSUM BOARD DRYWALL W/PAINT FIN. #3
H	CONCRETE & METAL LINER PANEL

CEILING:

CODE	DESCRIPTION
CA	EXPOSED CONSTRUCTION
CB	PRE-CAST CONCRETE PLANK
CC	SUSPENDED PLASTER W/PAINT FIN. #1
CD	SUSPENDED 2'x4' LAY-IN VINYL COVERED GYP.BD.
CE	SUSPENDED 2'x4' LAY-IN IN ACOUSTICAL

SYMBOL LEGEND

ROOM FINISH SCHEDULE: ROOM NAME, ROOM NUMBER, FLOOR, BASE, CEILING, CEILING HEIGHT, WALLS

H.B.	HOSE BIB
W.H.	WALL HYDRANT
⊙	EYE WASH
E.W.C.	ELECTRIC WATER COOLER
FD	FLOOR DRAIN
DJG	PIPE DOOR JAMB GUARD SEE 1/5-1
CJ	CONTROL JOINT
FEC.	FIRE EXTINGUISHER CABINET
SS	SNOW PLOW STOP SLEEVE SEE 2/5-1

GENERAL NOTES

1/A-6 ALL MASONRY TO BE 8" NOM. C.M.U. UNLESS OTHERWISE INDICATED

2/A-6 PROVIDE SNOW PLOWS STOP SLEEVES ONLY WHERE SHOWN ON PLAN

3/A-6 ALL PARTITIONS IN UNIT D-1 SHALL EXTEND TO THE ROOF DECK. SEE DETAIL SHEET 4·2

FLOOR PLAN - UNIT "D-1"

East Side Public Works Maintenance Facility . . . Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

PROJECT NO.	7610
DRAWN BY:	M.M.
CHECKED BY:	W.B.
DATE:	11/17/76

A-6

East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2435 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

FLOOR PLAN-UNIT 'D2'

PROJECT NO.	7610
DRAWN BY:	M.M.
CHECKED BY:	W.B.
DATE:	11/17/76

A-7

ROOM FINISHES KEY

FLOOR: CODE	DESCRIPTION
FA	CONCRETE
FB	NOT ASSIGNED
FC	CERAMIC TILE
FD	VINYL ASBESTOS

BASE: CODE	DESCRIPTION
BA	NONE
BB	CERAMIC TILE 6" HIGH
BC	4" HIGH VINYL
BD	PAINTED 8" HIGH

WALLS: CODE	DESCRIPTION
A	CONCRETE AND/OR C.M.U. - NOT PAINTED
B	CONCRETE AND/OR C.M.U. W/PAINT FIN. #1
C	CONCRETE AND/OR C.M.U. W/PAINT FIN. #2
D	CONCRETE AND/OR C.M.U. W/PAINT FIN. #3
E	GYPSUM BOARD DRYWALL W/PAINT FIN. #2
F	GYPSUM BOARD DRYWALL W/PAINT FIN. #3
H	CONCRETE & METAL LINER PANEL

CEILING: CODE	DESCRIPTION
CA	EXPOSED CONSTRUCTION
CB	PRE-CAST CONCRETE PLANK
CC	SUSPENDED PLASTER W/PAINT FIN. #1
CD	SUSPENDED 2'x4' LAY-IN VINYL COVERED GYP.BD.
CE	SUSPENDED 2'x4' LAY-IN IN ACOUSTICAL

SYMBOL LEGEND

ROOM NAME / ROOM NUMBER / FLOOR / BASE / CEILING / WALLS — ROOM FINISH SCHEDULE

HB HOSE BIB
WH WALL HYDRANT
EW EYE WASH
EWC ELECTRIC WATER COOLER
FD FLOOR DRAIN
DJG PIPE DOOR JAMB GUARD - SEE 1/D-1
CJ CONTROL JOINT
FEC FIRE EXTINGUISHER CABINET
SHOW FLOW STOP SLEEVE-SEE DETAIL 2/D-1

GENERAL NOTES

1. ALL MASONRY TO BE 8" NOM. C.M.U. UNLESS OTHERWISE INDICATED

FLOOR PLAN ... UNIT D-2

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

NOTE: FIN. FLOOR ELEVATION = 82'-0"
EXCEPT WHERE INDICATED
OTHERWISE FOR SLOPE
TO DRAINS

NORTH

MATCH LINE TO UNIT D1

EXIT AISLE

MATCH LINE

TRENCH DRAIN

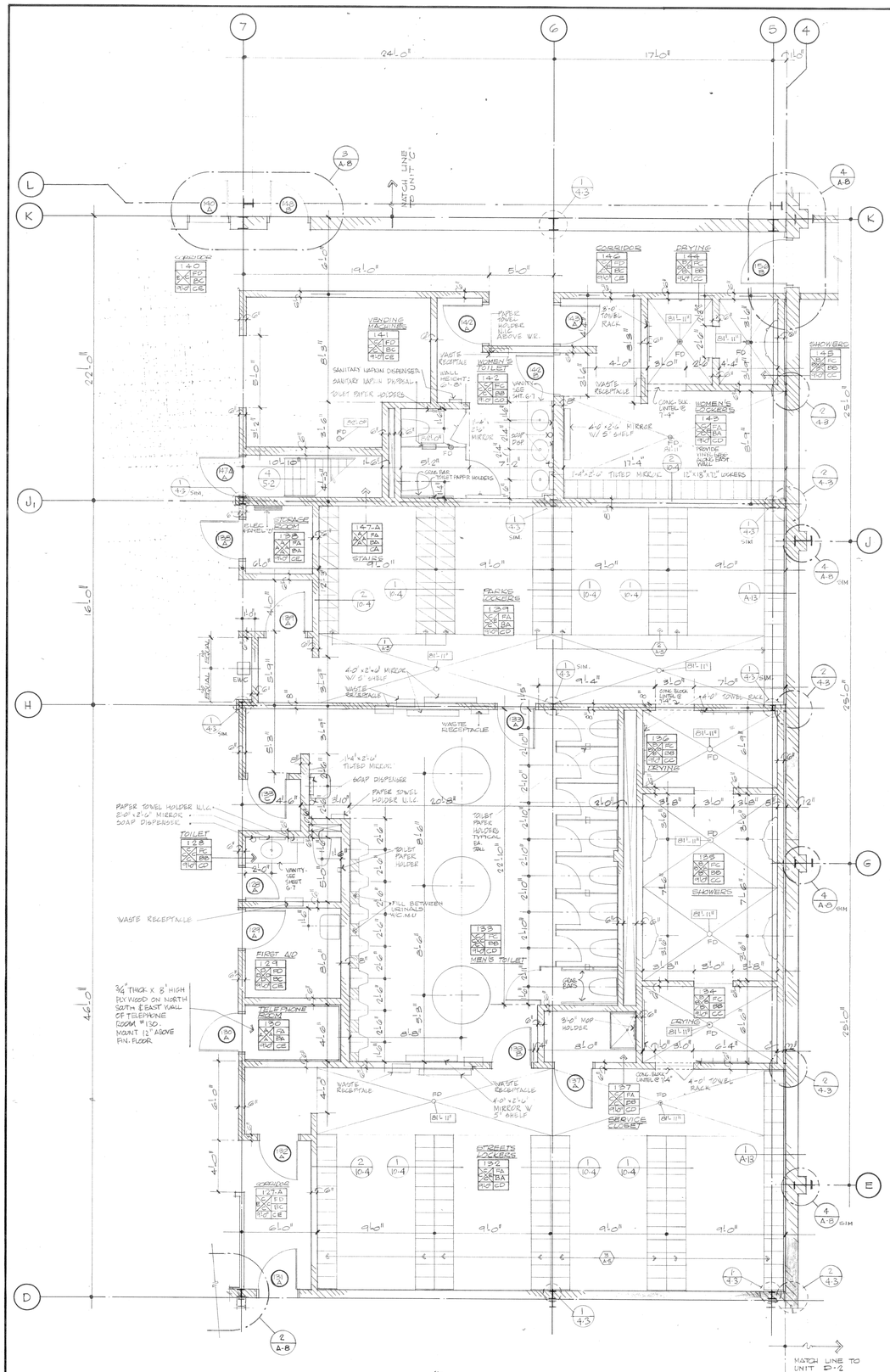
4" DIA. CATCH BASIN

LINE OF OVERHEAD DOOR IN OPEN POSITION

BUILDING LAYOUT POINT
STATION 9+21.1 EAST
STATION 1+64 NORTH

MATCH LINE TO UNIT C

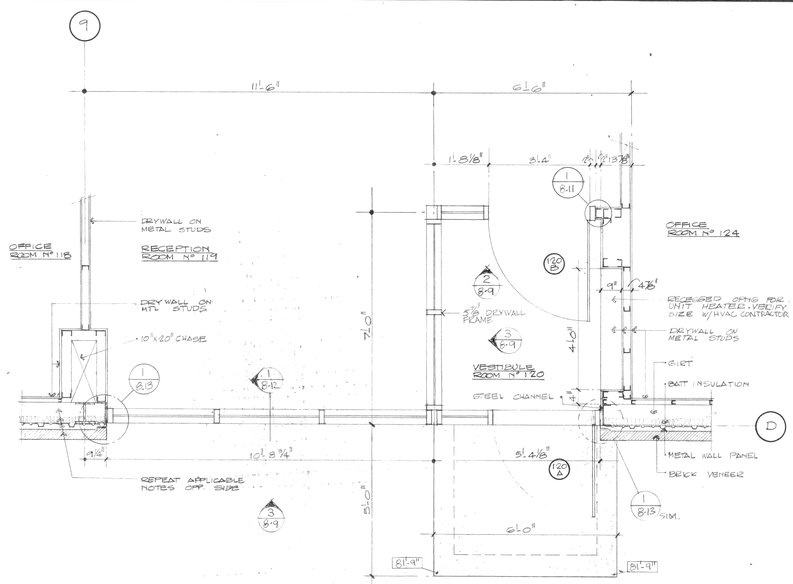
MATCH LINE TO UNIT B



PARTIAL FLOOR PLAN ... UNIT B

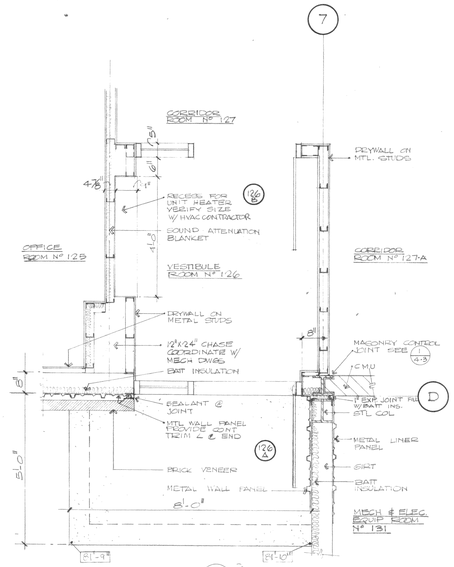
SCALE : 1/4" = 1'-0"

NOTE: FIN. FLOOR ELEV. = 821.0' UNLESS OTHERWISE INDICATED FOR SLOPE TO DRAINS



PLAN DETAIL 1 A-8 THRU RECEPTION & VESTIBULE

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



PLAN DETAIL 2 A-8 THRU VESTIBULE

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

ROOM FINISHES KEY

FLOOR: CODE	DESCRIPTION
FA	CONCRETE
FB	NOT ASSIGNED
FC	CERAMIC TILE
FD	VINYL ASBESTOS

BASE: CODE	DESCRIPTION
BA	NONE
BB	CERAMIC TILE 6" HIGH
BC	4" HIGH VINYL
BD	PAINTED 8" HIGH

WALLS: CODE	DESCRIPTION
A	CONCRETE AND/OR C.M.U. - NOT PAINTED
B	CONCRETE AND/OR C.M.U. W/PAINT FIN. #1
C	CONCRETE AND/OR C.M.U. W/PAINT FIN. #2
D	CONCRETE AND/OR C.M.U. W/PAINT FIN. #3
E	GYPSUM BOARD DRYWALL W/PAINT FIN. #2
F	GYPSUM BOARD DRYWALL W/PAINT FIN. #3
H	CONCRETE & METAL LINER PANEL

CEILING: CODE	DESCRIPTION
CA	EXPOSED CONSTRUCTION
CB	PRE-CAST CONCRETE PLANK
CC	SUSPENDED PLASTER W/PAINT FIN. #1
CD	SUSPENDED 2'x4' LAY-IN VINYL COVERED GYP.BD.
CE	SUSPENDED 2'x4' LAY-IN IN ACOUSTICAL

SYMBOL LEGEND

- ROOM NAME
- ROOM NUMBER
- FLOOR
- BASE
- CEILING
- CEILING HEIGHT
- WALLS

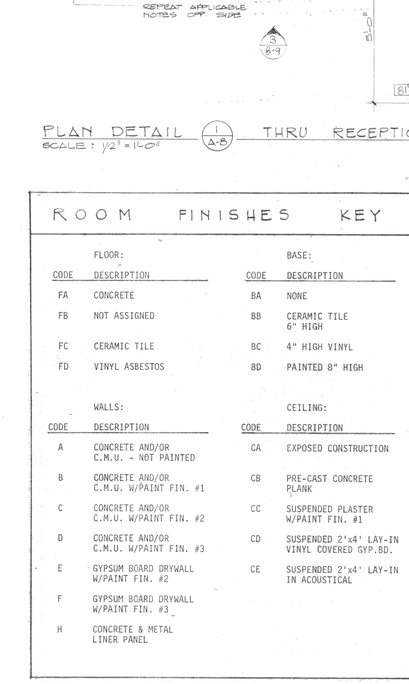
ROOM FINISH SCHEDULE

- H.B. HOSE B/B
- W.H. WALL HYDRANT
- EYE WASH
- E.W.C. ELECTRIC WATER COOLER
- F.D. FLOOR DRAIN
- D.J.G. PIPE DOOR JAMB GUARD SEE 1/G-1
- C.J. CONTROL JOINT
- F.E.C. FIRE EXTINGUISHER CABINET

(THIS SHEET ONLY)

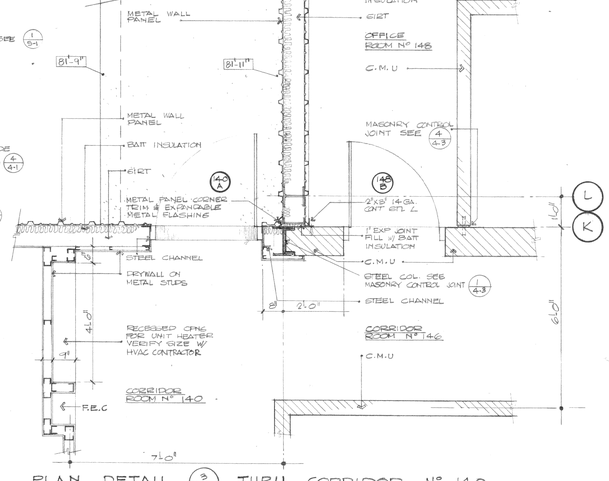
APPLY TO 1st FLOOR PLAN ONLY:

- C.M.U WALL (THICKNESS AS SHOWN) EXTENDS TO UNDERSIDE OF STRUCTURE. SEE DET. 2/4-1 & 4/4-1
- C.M.U WALL (THICKNESS AS SHOWN) EXTENDS TO 4" ABOVE CEILING SEE DET 1/4-1 & 3/4-1



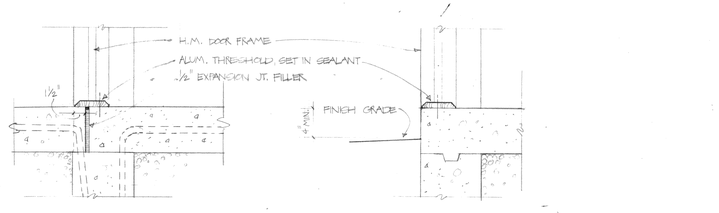
PLAN DETAIL 4 A-8 THRU CORRIDORS N° 146 & 156

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



PLAN DETAIL 3 A-8 THRU CORRIDOR N° 140

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



1 EXTERIOR DOOR SILL W/APPROACH

1 1/2" = 1'-0"

2 EXTERIOR DOOR SILL W/O APPROACH

1 1/2" = 1'-0"

Phase 1

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East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

PARTIAL FLOOR PLAN - UNIT 'B' & DETAILS

PROJECT NO.	7210
DRAWN BY:	M.M.
CHECKED BY:	W.B.
DATE:	11/17/76

A-8

East Side Public Works
Maintenance Facility ... Phase 1

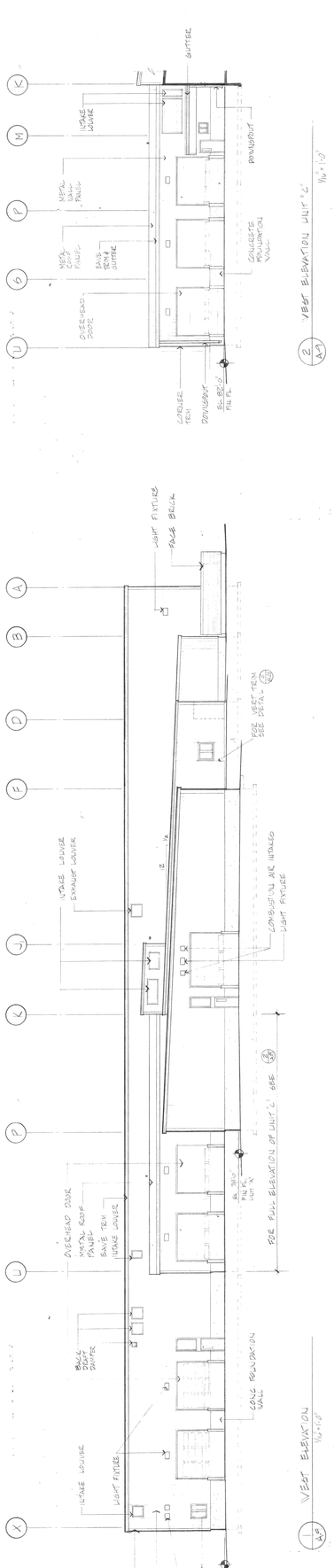
4602 sycamore ave. madison, wisconsin
owner: city of madison

BUILDING ELEVATIONS

PROJECT NO.	7010
DRAWN BY	DJE
CHECKED BY	WB
DATE	11/17/78

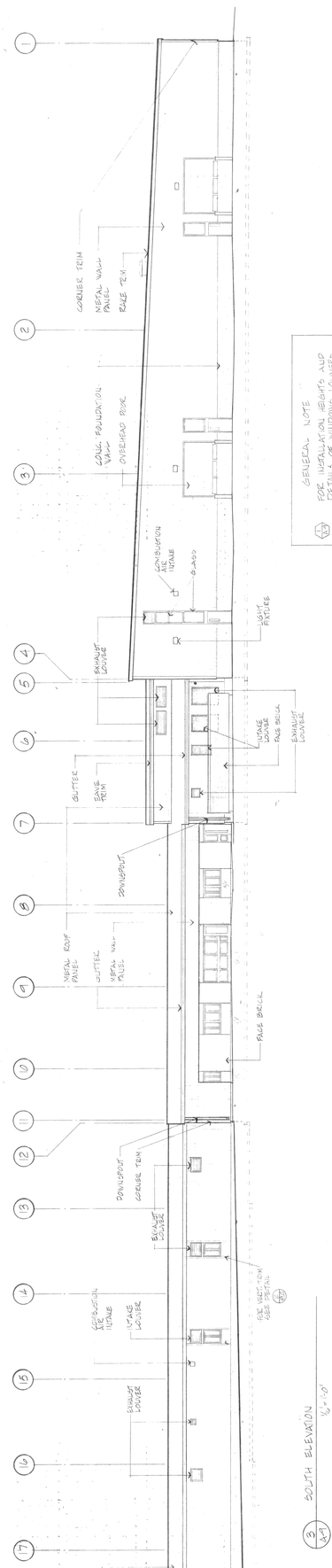
A-9

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
8433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-836-7444



WEST ELEVATION 1/16"=1'-0" (1/A9)

WEST ELEVATION UNIT 'E' 1/16"=1'-0" (2/A9)

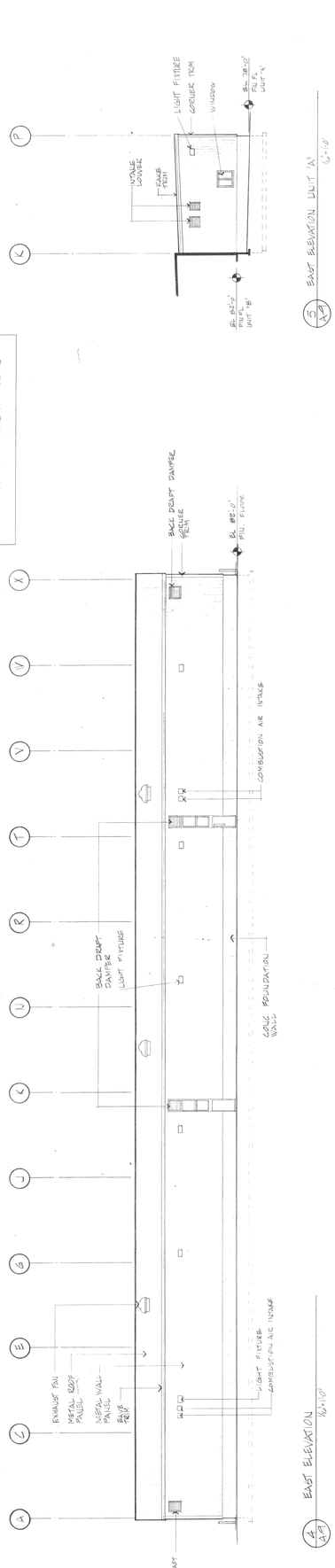


SOUTH ELEVATION 1/16"=1'-0" (3/A9)

GENERAL NOTE

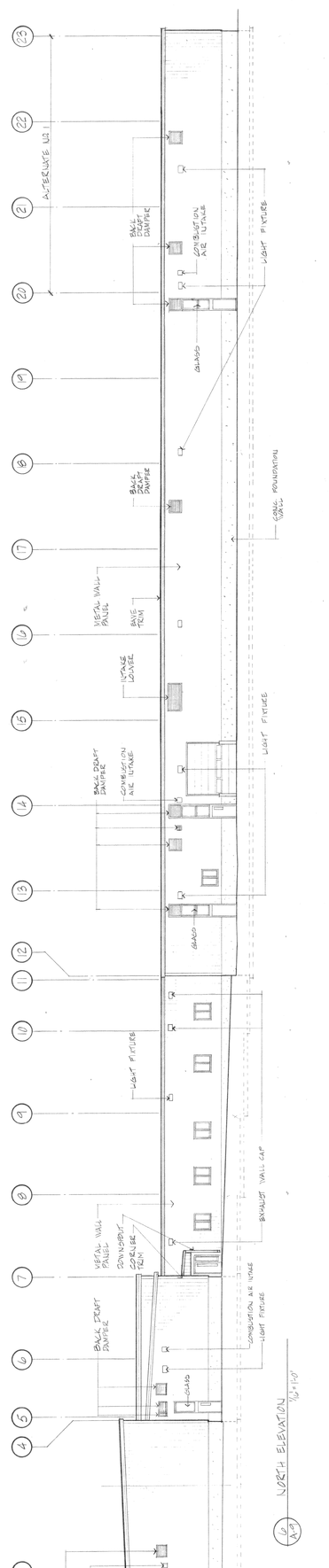
(1) FOR INSTALLATION HEIGHTS AND DETAILS OF WINDOWS, LOUVERS AND BACKDRAFT DAMPERS SEE ELEVATION 2, IN THE DETAIL MANUEL.

(2) ALL LOUVERS AND BACKDRAFT DAMPERS BY HVAC CONTRACTOR

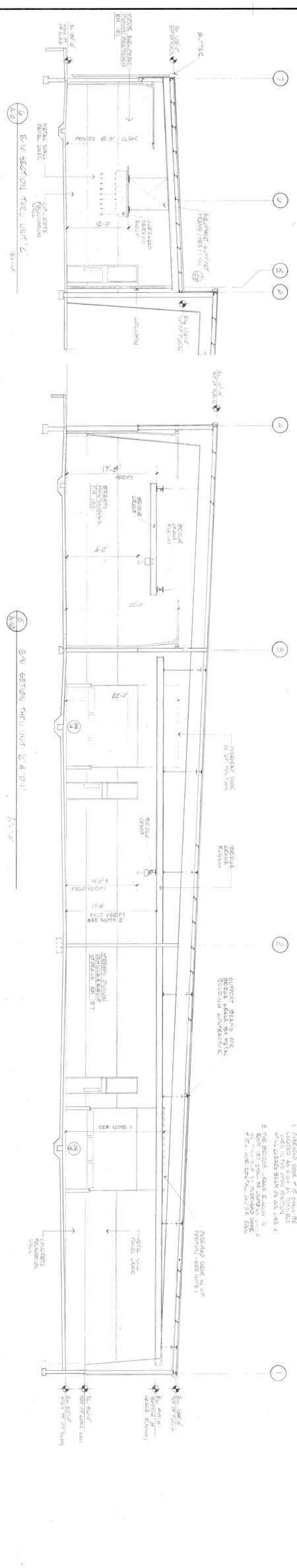


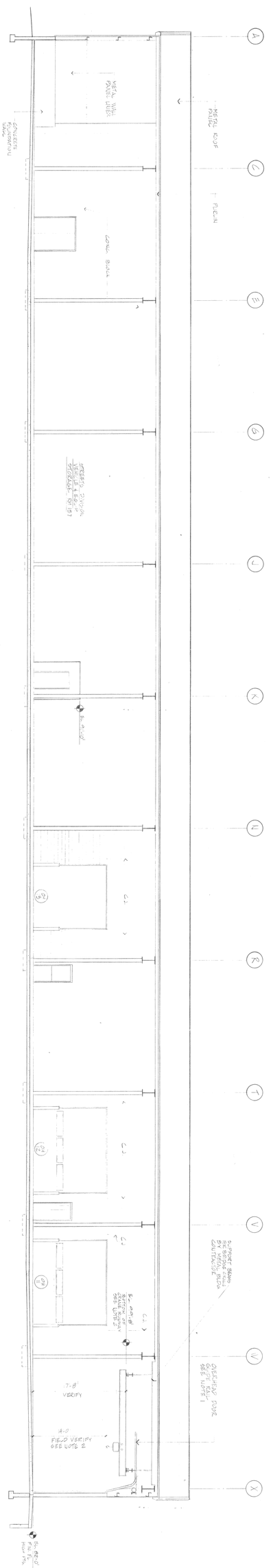
EAST ELEVATION 1/16"=1'-0" (4/A9)

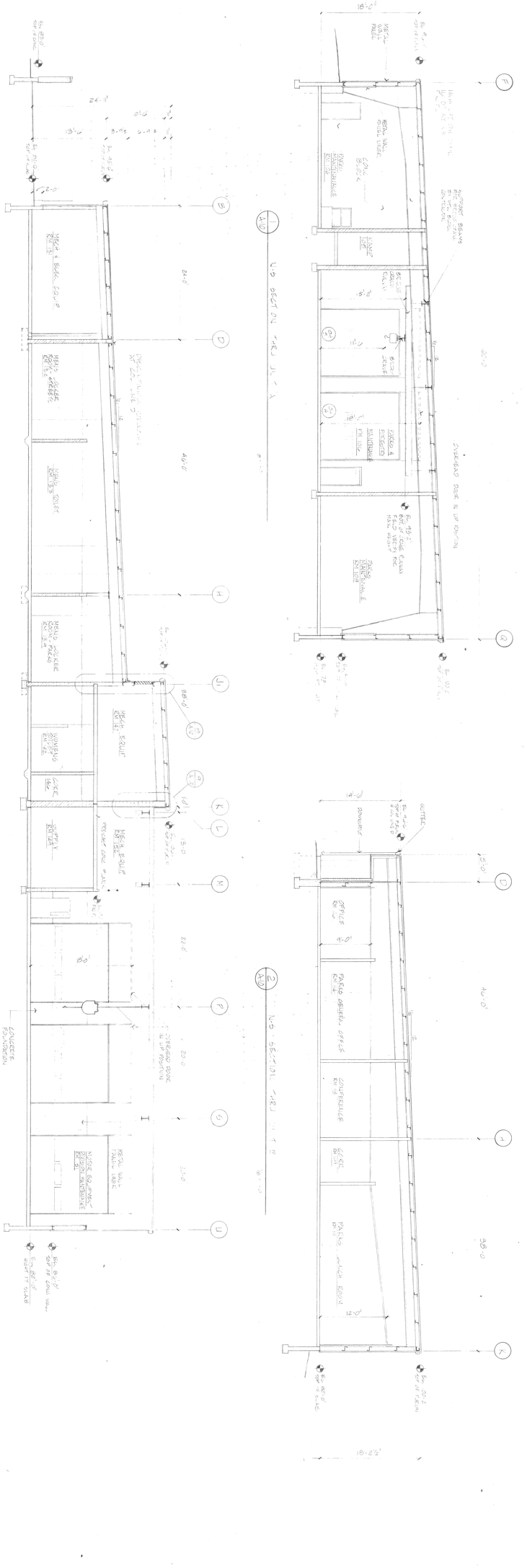
BASE ELEVATION UNIT 'A' 1/4"=1'-0" (5/A9)



NORTH ELEVATION 1/16"=1'-0" (6/A9)







BUILDING SECTIONS

East Side Public Works Maintenance Facility ··· Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA
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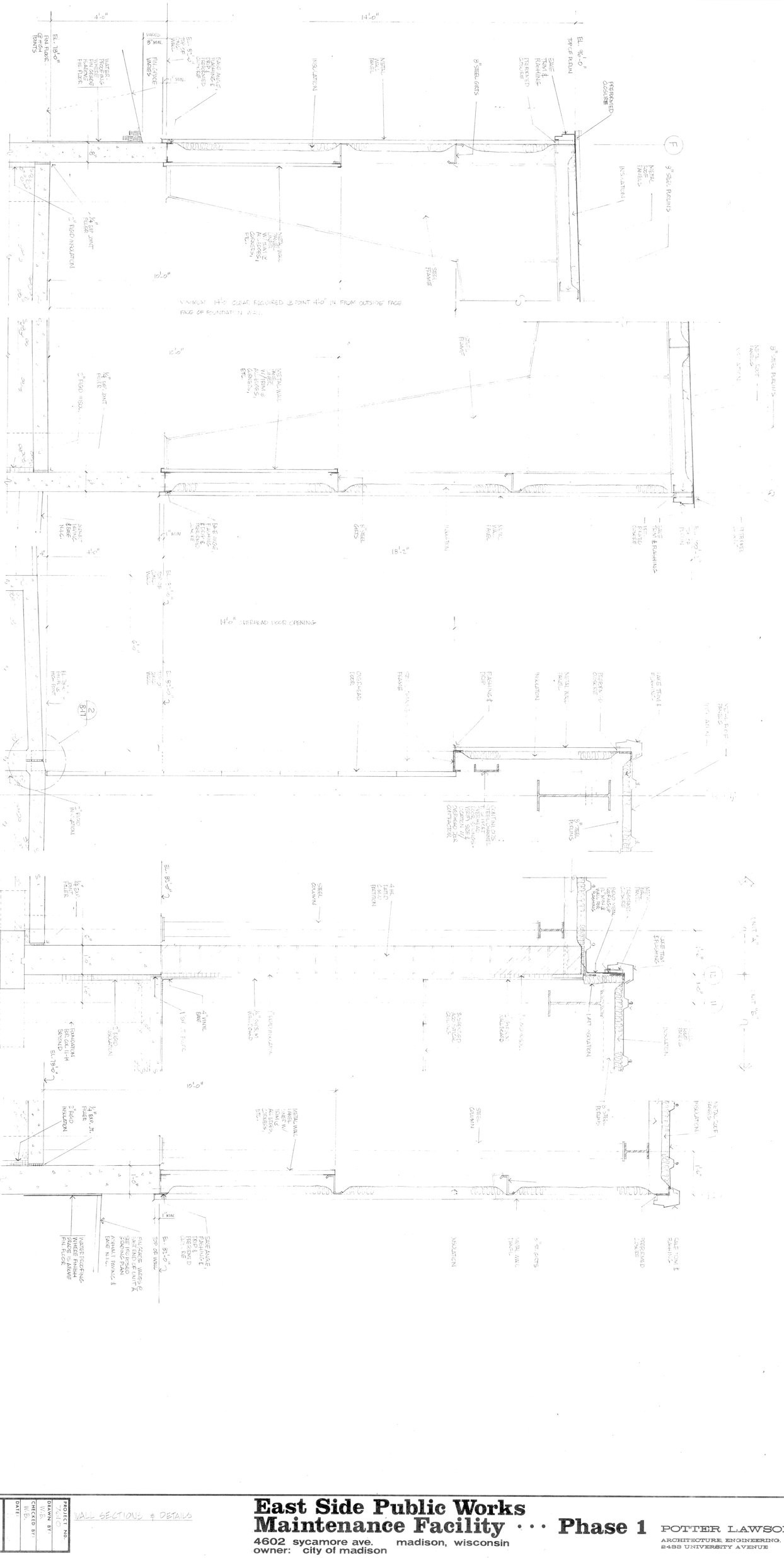
8433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

A-10

PROJECT NO. 7610
DRAWN BY: DJE
CHECKED BY: WP
DATE: 3/17/78



A-11	PROJECT NO. 7610
	DRAWN BY:
	CHECKED BY:
	DATE:

WALL SECTIONS & DETAILS

East Side Public Works Maintenance Facility ··· Phase 1

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owner: city of madison

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East Side Public Works

WALL SECTIONS & DETAILS

PROJECT:
DRAWN: WE
CHECK: WE
DATE: 11

A-12

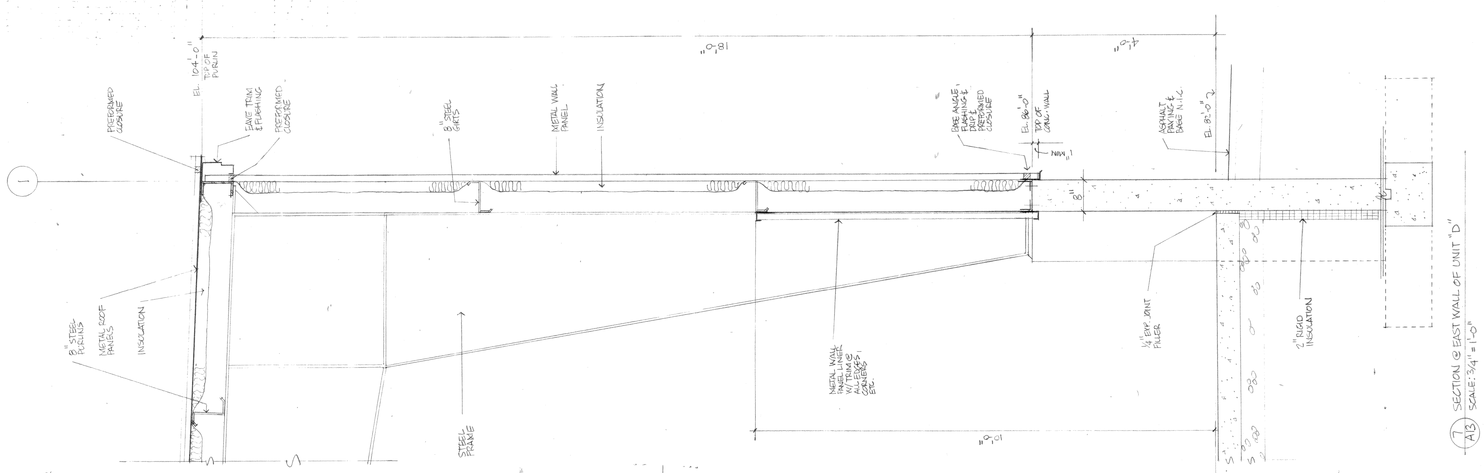
East Side Public Works

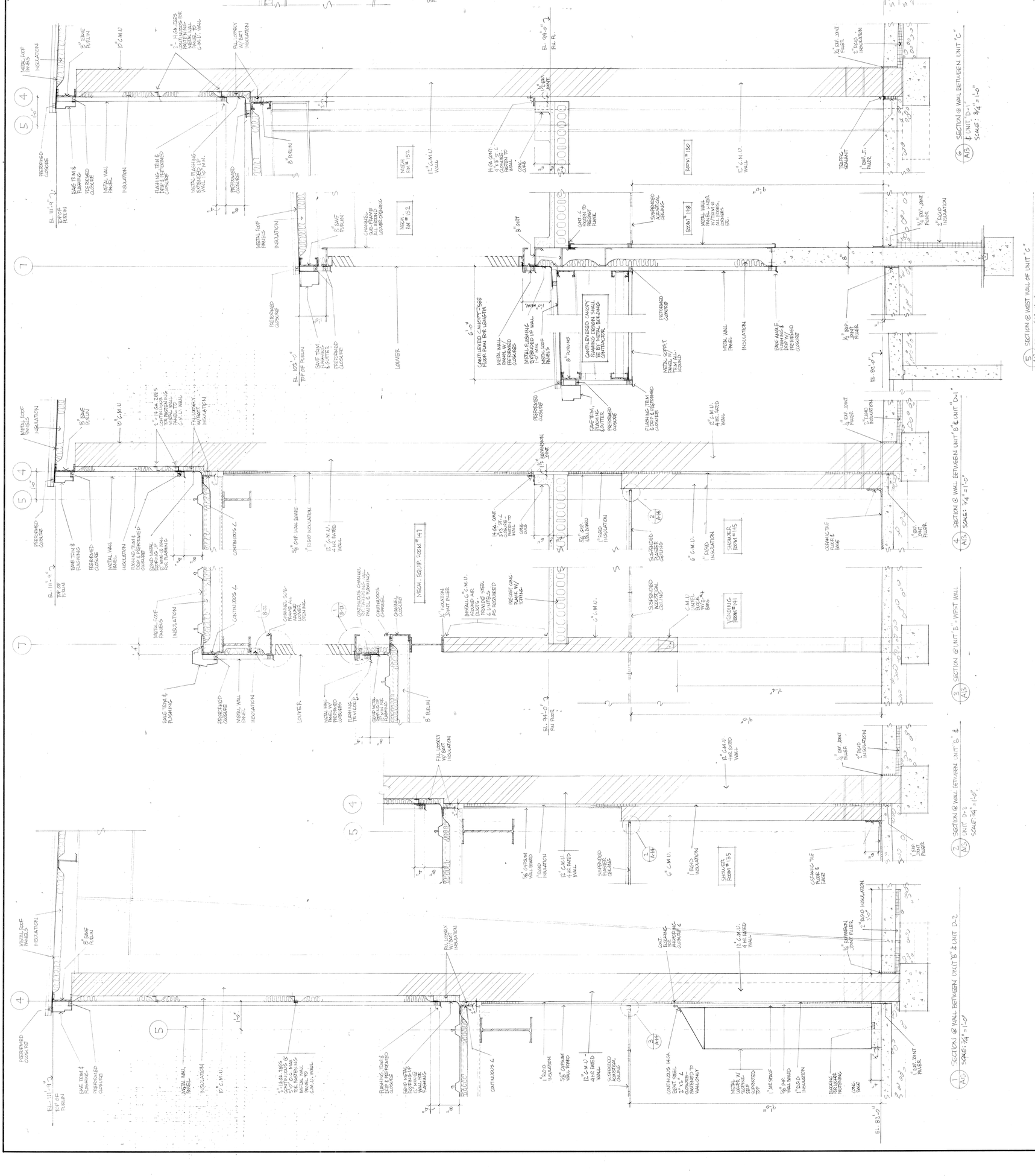
Phase 1

WALL SECTIONS & DETAILS

PROJ
DRAW NB
CHEC
DATE

A7





REFLECTED CEILING PLAN ... UNIT B

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

REFLECTED CEILING PLAN SYMBOLS

SUSPENDED CEILING GRID

- AIR SUPPLY DIFFUSER (SEE HVAC DWGS.)
- AIR EXHAUST & RETURN GRILLES (SEE HVAC DWGS.)
- LIGHT FIXTURE W/ LETTER DESIGNATING FIXTURE TYPE - SEE ELECT. DRAWGS.
- CEILING MOUNTED EXIT LIGHT.
- CEILING SPEAKER

3 CEILING EXPANSION JOINT

3" = 1'-0"

2 PLASTER CEILING @ WALL - RMS 134, 135, 136, 144, 145

3" = 1'-0"

1 SOFFIT DETAIL

3" = 1'-0"

PROJECT NO.	7610
DRAWN BY	M.M. & J.E.
CHECKED BY	W.S.
DATE	11/17/76

A-14

REFLECTED CEILING PLAN - UNIT 'B & C'

East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

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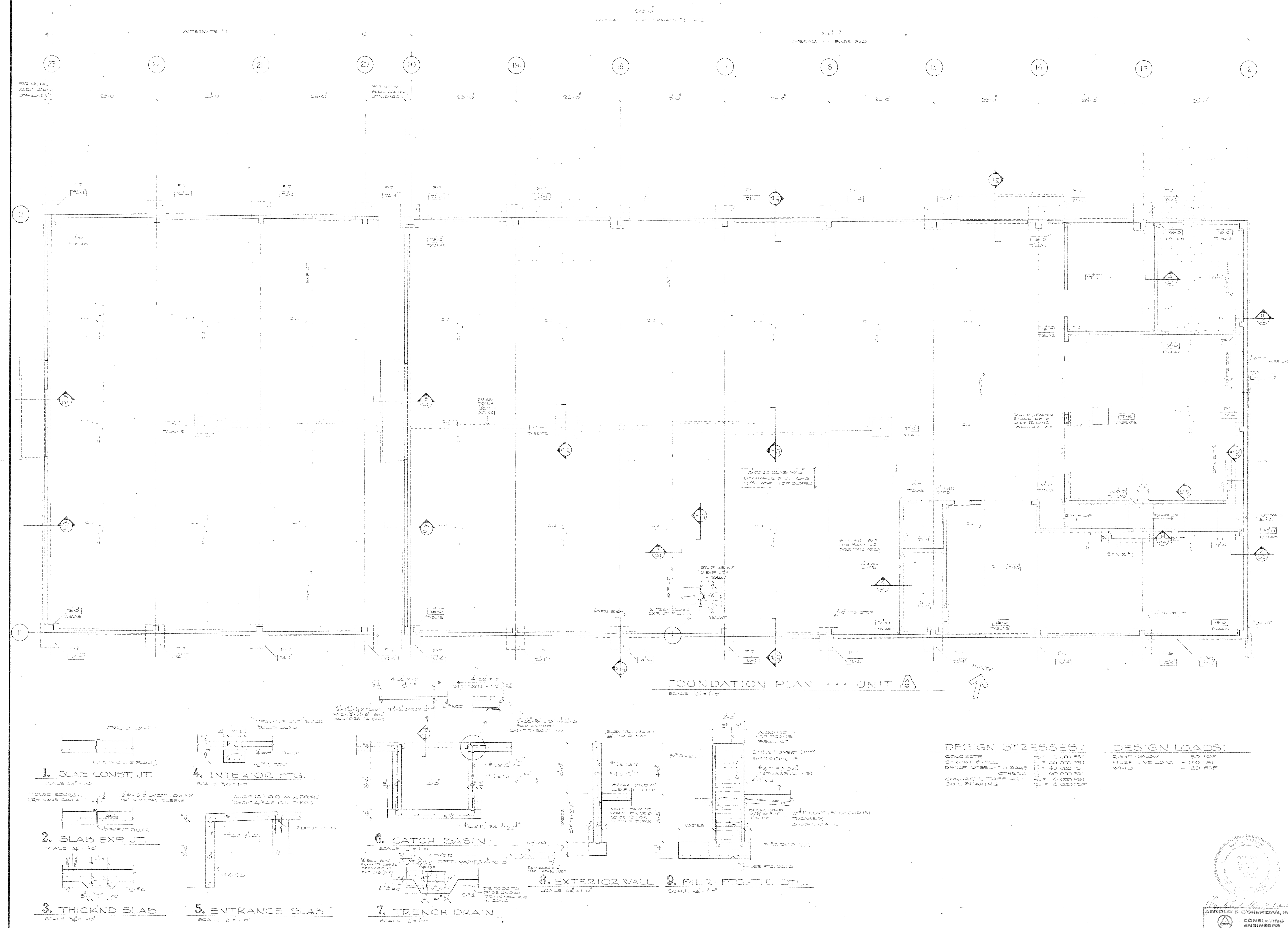

DESIGN STRESSES:

CONCRETE	f'c = 3,000 PSI
STRUCT. STEEL	fy = 36,000 PSI
REINF STEEL - #3 BARS	fy = 40,000 PSI
- OTHERS	fy = 60,000 PSI
CONCRETE TOPPING	f'c = 4,000 PSI
SOIL BEARING	Qall = 4,000 PSF

DESIGN LOADS:

ROOF SNOW	- 30 PSF
MEZZ. LIVE LOAD	- 150 PSF
WIND	- 20 PSF

ARNOLD & O'SHERIDAN, INC.
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815 FORWARD DRIVE
MADISON, WISC. 53711

S-1 thru S-5

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East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

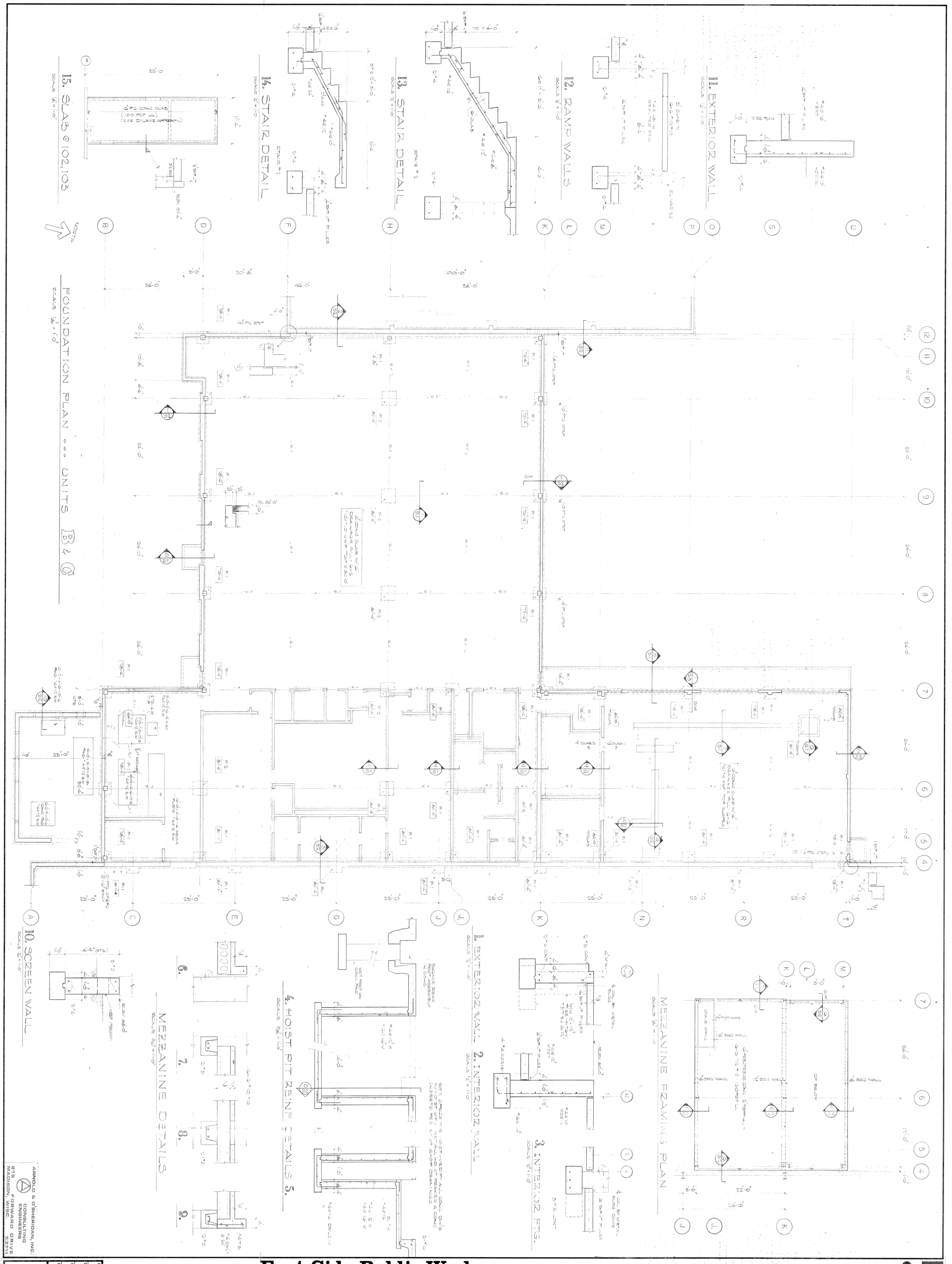
FOUNDATION PLAN - UNIT A

PROJECT NO.	7610
DRAWN BY:	NLR
CHECKED BY:	OEA
DATE:	11/17/76

S-1

FOUNDATION PLAN ... UNITS B & C

SCALE 1/8" = 1'-0"



11. EXTERIOR WALL

SCALE 1" = 1'-0"

12. RAMP WALLS

SCALE 1" = 1'-0"

13. STAIR DETAIL

SCALE 1" = 1'-0"

14. STAIR DETAIL

SCALE 1" = 1'-0"

15. SLAB @ 102, 103

SCALE 1" = 1'-0"

10. SCREEN WALL

SCALE 1" = 1'-0"

1. EXTERIOR WALL

SCALE 1" = 1'-0"

2. INTERIOR WALL

SCALE 1" = 1'-0"

3. INTERIOR FTG.

SCALE 1" = 1'-0"

4. HOIST RT REINF DETAILS 5.

SCALE 1" = 1'-0"

6. 7. 8. 9. MEZZANINE DETAILS

SCALE 1" = 1'-0"

MEZZANINE FRAMING PLAN

SCALE 1" = 1'-0"

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

PROJECT NO.	7010
DRAWN BY:	N.L.E
CHECKED BY:	O.E.A.
DATE:	11/17/72

S2

FOUNDATION PLAN - UNIT B,C

East Side Public Works Maintenance Facility ··· Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

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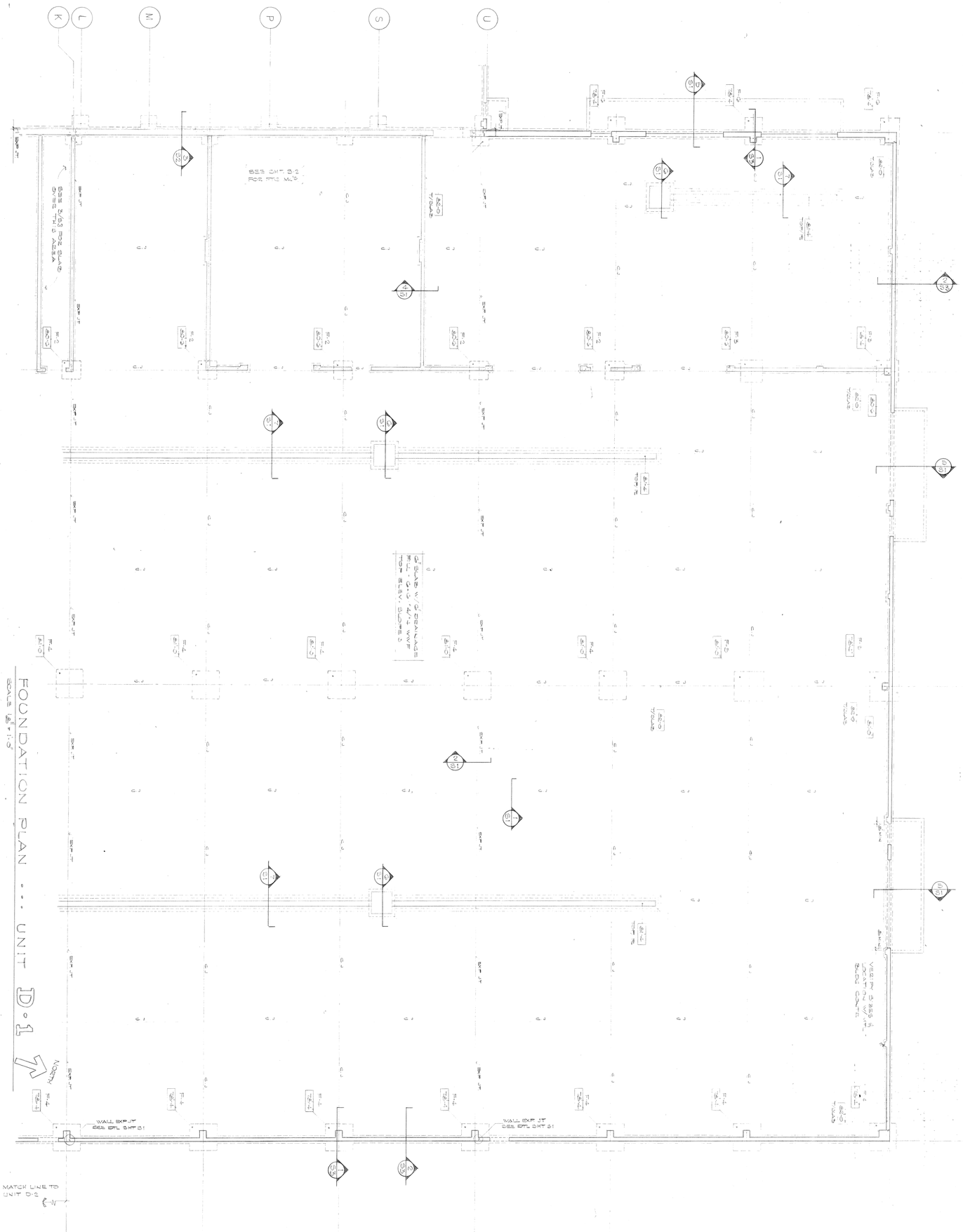
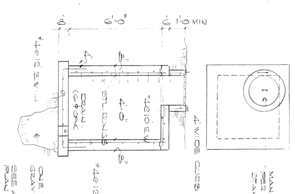


FOUNDATION PLAN ... UNIT D-1

SCALE 1/8" = 1'-0"

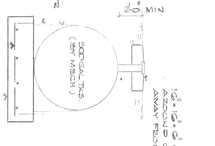
6. SPRINKLER VALVE PIT

SCALE 3/4" = 1'-0"



5. MECH TANK PADS

NO SCALE



4. COL. FTG. SCHEDULE

MARK	SIZE	TIE
F-1	3'-0" x 3'-0" x 1'-0"	4-#4 E.W.
F-2	3'-6" x 3'-6" x 1'-0"	4-#5 E.W.
F-3	4'-0" x 4'-0" x 1'-0"	5-#5 E.W.
F-4	5'-0" x 5'-0" x 1'-0"	5-#5 E.W.
F-5	5'-6" x 5'-6" x 1'-6"	6-#5 E.W.
F-6	6'-0" x 6'-0" x 1'-6"	6-#5 E.W.
F-7	6'-0" x 6'-0" x 1'-9"	8-#5 E.W.
F-8	7'-0" x 7'-0" x 1'-9"	11-#5 E.W.

3. SLAB OVER RM. 150

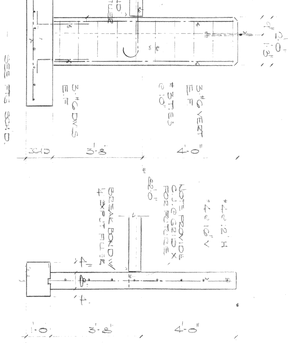
SCALE 3/4" = 1'-0"

1. PIER FTG. DETAIL

SCALE 3/4" = 1'-0"

2. EXT. WALL

SCALE 3/4" = 1'-0"



ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
615 FORWARD DRIVE
MADISON, WISC. 53711

PROJECT NO. 75-10
DRAWN BY N.J.P.
CHECKED BY OSA
DATE 11/17/75

S-3

FOUNDATION PLAN - UNIT D1

East Side Public Works Maintenance Facility ... Phase 1

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owner: city of madison

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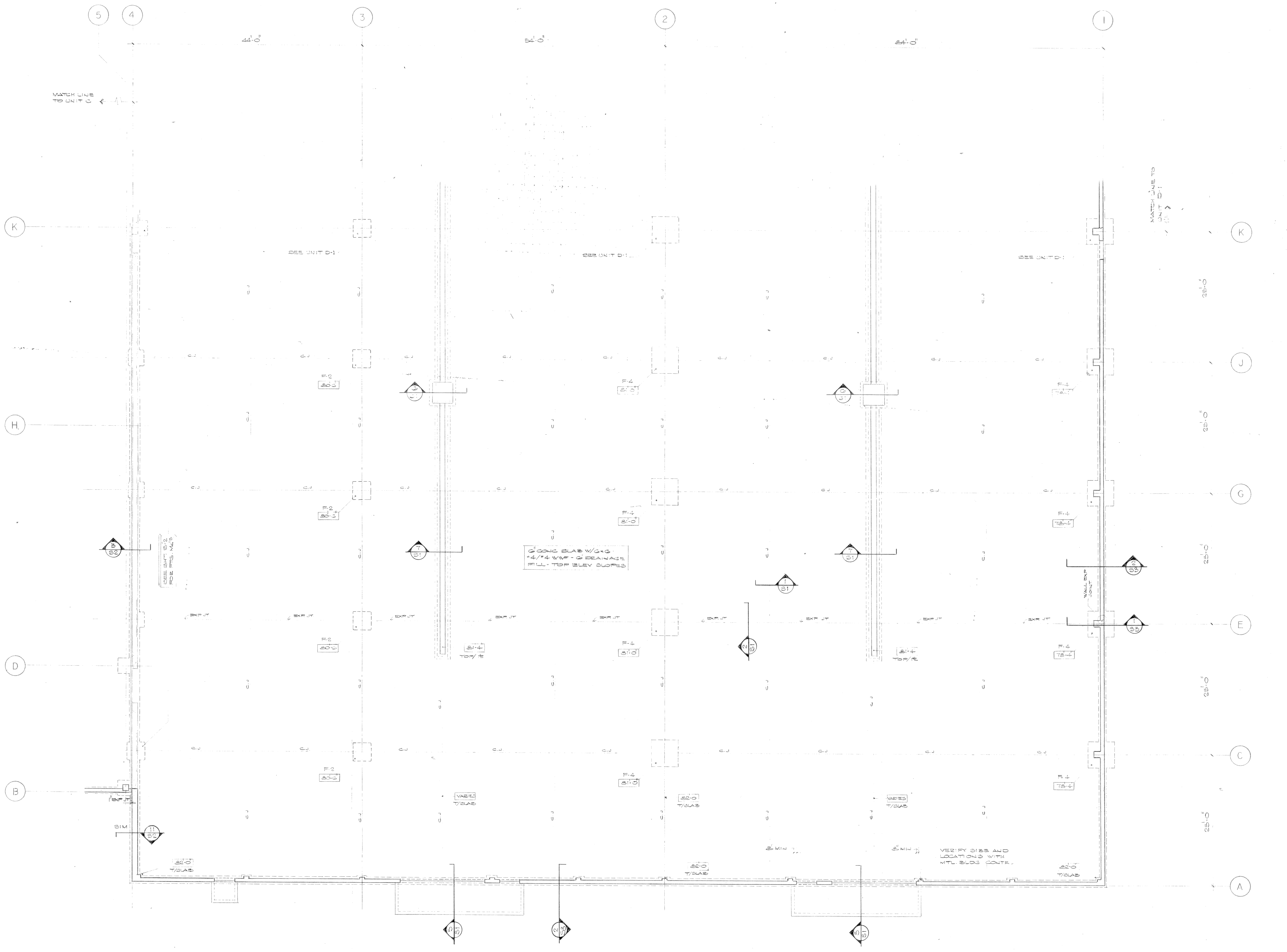

FOUNDATION PLAN ... UNIT D-2

SCALE 1/8" = 1'-0"

East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

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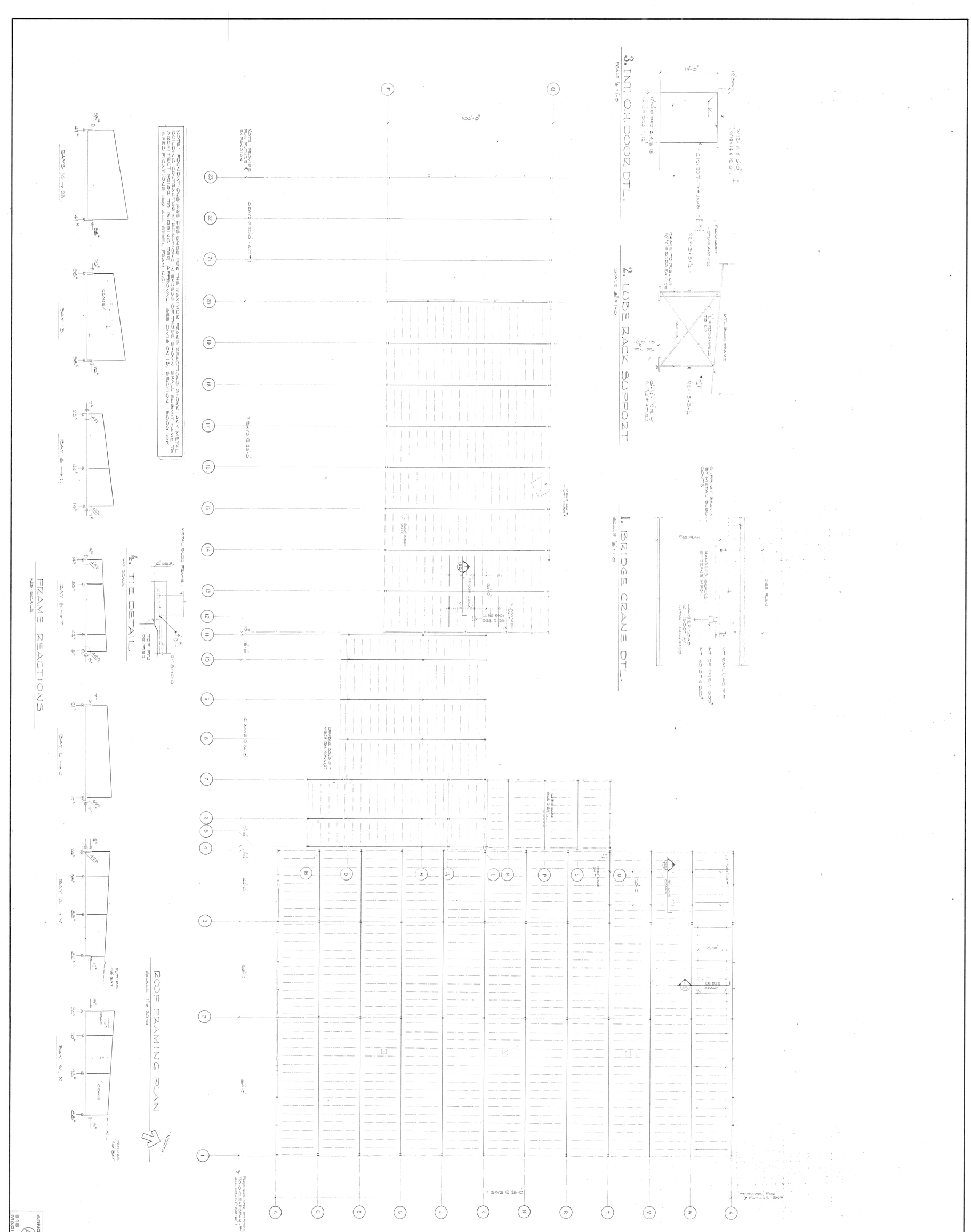
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

FOUNDATION PLAN - UNIT D2

PROJECT NO.	7610
DRAWN BY:	NLR
CHECKED BY:	OEA
DATE:	11/17/76

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

S-4



ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

S5

ROOF FRAMING PLAN

PROJECT NO. 7910
DRAWN BY: NLR
CHECKED BY: OSA
DATE: 11/11/76

East Side Public Works Maintenance Facility ··· Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

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ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

GENERAL NOTES

1. ALL HOSE BIBB, WALL HYDRANT AND COMPRESSED AIR OUTLETS SHALL TERMINATE 3'-6" ABOVE FLOOR LEVEL. HOSE BIBB AND WALL HYDRANT OUTLETS SHALL BE 1/2" I.P.S. THREADED OUTLET.
2. BLDG SEWER AND WASTE PIPING SHALL PITCH AT 1/8"/FT MIN.
3. RUN COMPRESSED AIR AND WATER SUPPLY PIPING WITHIN 1'-0" OF BLDG STRUCTURE TO MAINTAIN CLEAR HEIGHTS. SUPPORT PIPING FROM BLDG STEEL.

ABBREVIATIONS

SAN.	SANITARY
V.	VENT
VTR.	VENT THRU ROOF
V.B.	VACUUM BREAKER
H.B.	HOSE BIBB
W.H.	WALL HYDRANT
L.	LAVATORY
S.	SINK
W.C.	WATER CLOSET
UR.	URINAL
W.F.	WASH FOUNTAIN
SH.	SHOWER
C.O.	CLEAN OUT
I.E.	INVERT ELEV.
H.C.	HEATING CONTR.
P.C.	PLUMBING CONTR.

SYMBOL LIST

- COLD WATER (C.W.)
- HOT WATER (H.W.)
- HOT WATER RETURN (H.W.R.)
- SAN. BLDG DRAIN (BELOW FLR.)
- SAN. BLDG DRAIN (ABOVE)
- VENT LINE (ABOVE)
- VENT LINE (BELOW FLR.)
- WASTE DRAIN
- STORM PIPING
- COMPRESSED AIR
- BALL VALVE
- GATE VALVE
- AIR COCK
- PIPE DROP
- PITCH IN DIRECTION OF ARROW
- DRAINAGE FIXTURE UNITS (DFU)
- SUPPLY FIXTURE UNITS (SFU)
- COMPRESSED AIR DROP WITH VALVE 3'-6" ABOVE FLR.
- BALANCE VALVE

ALTERNATE BID #1

4" GOOSENECK LOCAL VENT. 12" MIN ABOVE GRADE. ALT. BID

OFFSET BELOW ROOF

4" V.T.R.

SEE DETAIL 3 DWG P-3 (ALT BID)

IN BASE BID PROVIDE C.O. AND CAP PIPING. IN ALT BID EXTEND PIPING

I.E. = 75.5'

4" GOOSENECK LOCAL VENT 12" MIN ABOVE GRADE

SEE DETAIL 3 DWG P-3

4" GOOSENECK LOCAL VENT 12" MIN. ABOVE GRADE.

OFFSET BELOW ROOF

4" V.T.R.

EXTEND WASTE 5'-0" OUTSIDE BLDG. FUTURE EXTENSION BY OWNER

I.E.: 73.65'

4" GOOSENECK LOCAL VENT 12" MIN ABOVE GRADE.

AIR 4'-6" ABOVE FLOOR

AIR BLOW OFF VALVE 30" ABOVE FLR.

COMPRESSED AIR BRANCH TAKEN OFF TOP OF MAIN (TYPICAL)

4" STANDPIPE 4" ABOVE FLR. PROVIDE TRAP & VENT.

H.B.-1 1/2" DISCHARGE TO STANDPIPE. SEE RISER R-1.

500 GAL UNDERGROUND STORAGE TANK. SEE DETAIL 2, P-3

4" EMPTY BOX

4" VENT W/ VENT CAP.

SEE RISER DIAG R-1 FOR PIPE SIZING.

SEE RISER DIAGRAM R-1 FOR PIPING

SEE DETAIL 3 DWG P-3

WASTE OIL FILL BOX. SEE DETAIL 1, P-3.

TO OVERHEAD SERVICES.

FOR CONT SEE DWG P-2

ALT BID #1 BASE BID

H.B.-1 SEE RISER R-2, SHT P-3.

H.B.-1

W.H.-1

SEE RISER DIAG R-3

TERMINATE BLDG SEWER 5'-0" OUTSIDE BLDG. FUTURE EXTENSION BY OWNER

I.E. 71.8'

500 GAL UNDERGROUND STORAGE TANK. SEE DETAIL

2" VENT W/ VENT CAP.

4" EMPTY BOX

500 GAL UNDERGROUND STORAGE TANK. SEE DETAIL

W.H.-2

SEE RISER DIAG R-2 FOR PIPE SIZING.

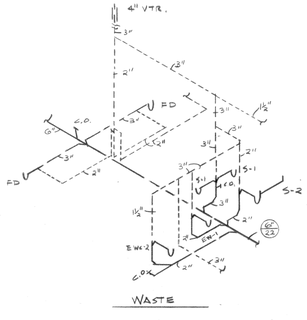
DRAIN VALVE. PIPE TO FLR.

AIR BLOW GUN VALVE 3'-0" ABOVE FLR.

MATCH LINE TO UNIT "B"

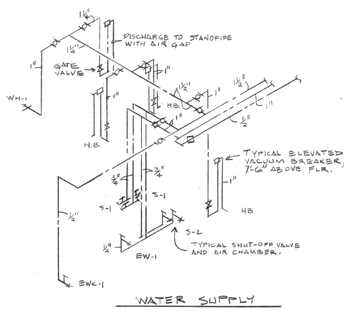
FUTURE M.H. BY OWNER, RIM 75.0' INV. 74.0'

101 102 103 104 105 106 107 108

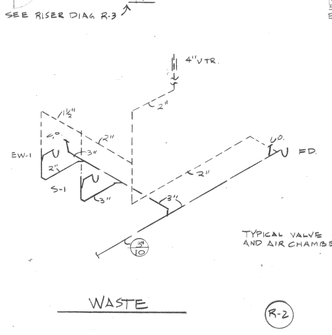


WASTE

R-1

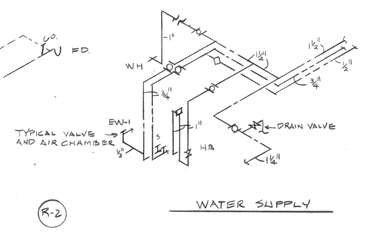


WATER SUPPLY



WASTE

R-2



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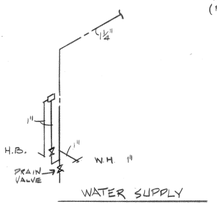


WATER SUPPLY

R-3

FLOOR PLAN - UNIT 'A' PLUMBING

1/8" = 1'-0"

(REFER TO ARCHITECTURAL DWGS FOR EXACT FIXTURE LOCATIONS)

WILLIAM F. SHARP — E-23621 — WISCONSIN

P.1 THRU P.5

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

East Side Public Works Maintenance Facility . . . Phase 1

4602 sycamore ave.
madison, wisconsin
owner: city of madison

POTTER, LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
8498 UNIVERSITY AVENUE
MADISON, WISCONSIN 53705
608-836-7144

FLOOR PLAN - UNIT A PLUMBING

PROJECT NO.	7010
DRAWN BY:	KN
CHECKED BY:	WFS
DATE:	11/17/76

P-1

East Side Public Works Maintenance Facility ... Phase 1

madison, wisconsin

owner: city of madison
4602 sycamore ave.

FLOOR PLAN - UNIT B&C PLUMBING

PROJECT NO. 700
DRAWN BY: LJ
CHECKED BY: JFC
DATE: 11/7/00
P-2

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
515 FORWARD DRIVE
MADISON, WISC. 53711

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
8-138 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

AIR CHAMBER SCHEDULE	
DIA. PIPE	AIR CHAMBER SIZE
1/2"	12" x 1" x 14"
3/4"	12" x 1 1/4" x 18"
1"	12" x 1 1/4" x 24"
FOR LARGER PIPING SEE CODE	

MECHANICAL MEZZANINE

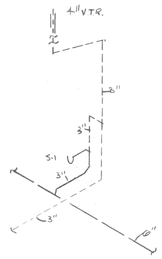
WASTE

WATER SUPPLY

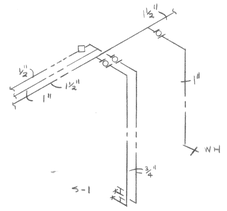
FLOOR PLAN - UNIT B&C PLUMBING
3/16"=1'-0"
(REFER TO ARCHITECTURAL DWGS FOR EXACT FIXTURE LOCATIONS)

DIAGRAM 1
NTS.

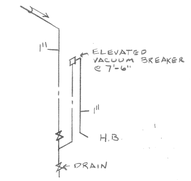
DIAGRAM 2
NTS.



WASTE

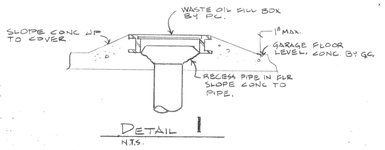


WATER SUPPLY

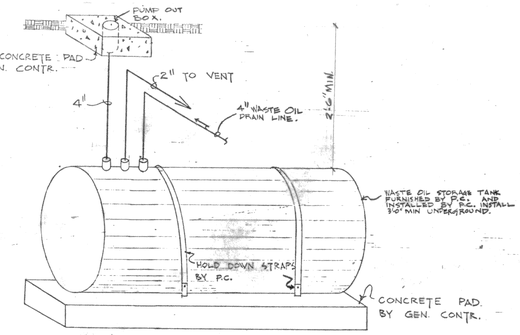


WATER SUPPLY

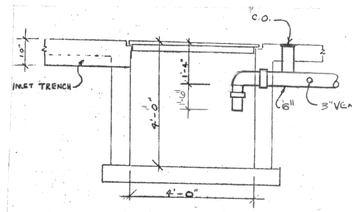
(R-2)



DETAIL 1
N.T.S.

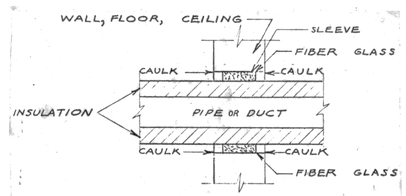


WASTE OIL STORAGE TANK DETAIL 2
NOT TO SCALE



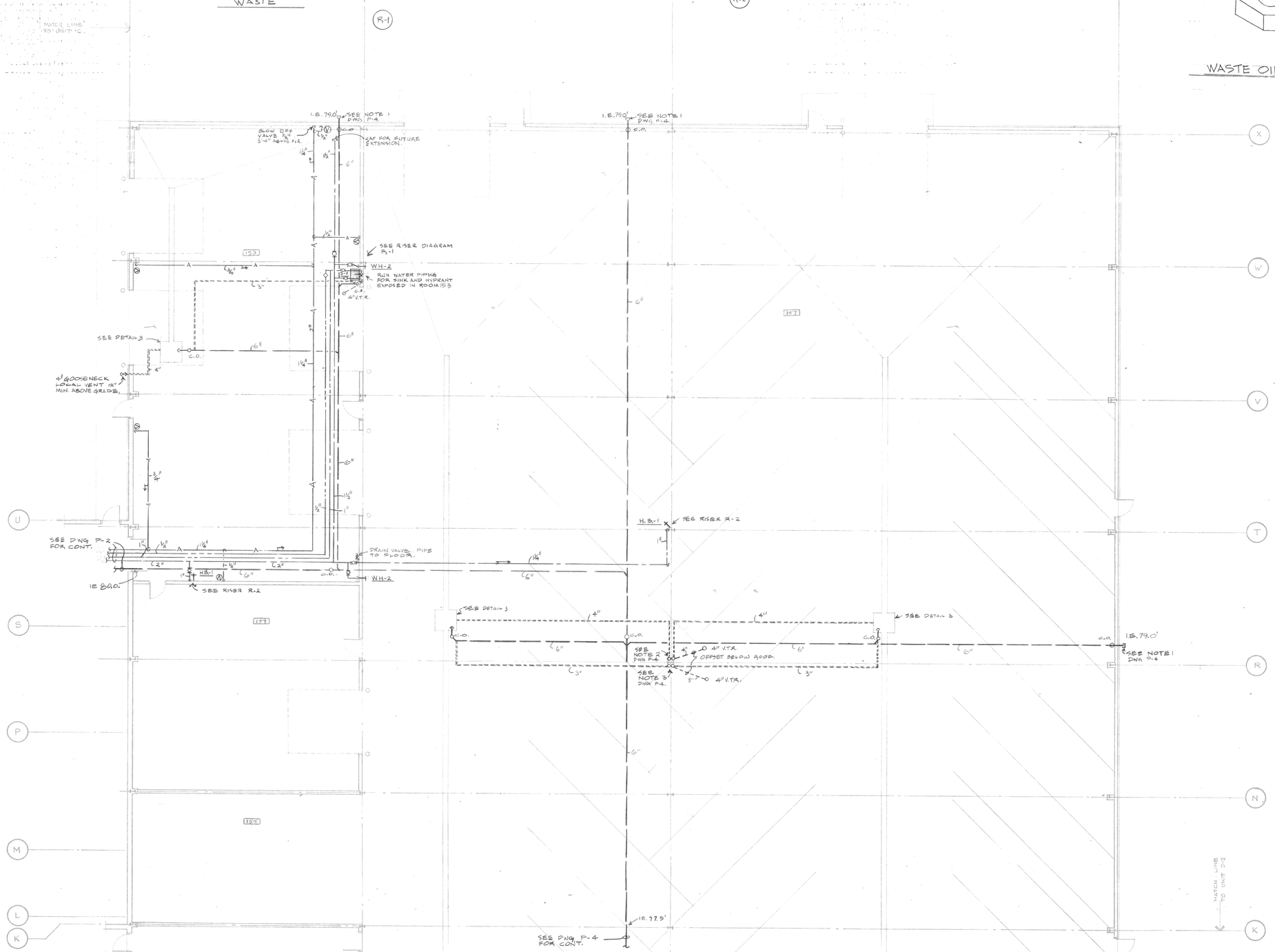
CATCH BASIN DETAIL 3

CONCRETE WORK & GRATE BY G.C.



NOTE
CAULKING SHALL BE ½" DEEP BUTYL RUBBER

PIPE OR DUCT SLEEVE



FLOOR PLAN - UNIT D 01 PLUMBING

1/8"=1'-0"

(REFER TO ARCHITECTURAL DWGS FOR EXACT FIXTURE LOCATIONS)

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
615 FORWARD DRIVE
MADISON, WISC. 53711

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
8-33 UNIVERSITY AVENUE
MADISON, WISCONSIN 53705
608-238-7144

East Side Public Works Maintenance Facility . . . Phase 1

4602 sycamore ave.
owner: city of madison, wisconsin

FLOOR PLAN - UNIT D1 PLUMBING

PROJECT NO.	7601C
DRAWN BY:	CN
CHECKED BY:	WFS
DATE:	11/17/76

P-3

East Side Public Works Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

FLOOR PLAN - UNIT D.2 PLUMBING

PROJECT NO.	7610
DRAWN BY:	KN
CHECKED BY:	WFS
DATE:	11-7-78

P.4

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
835 FORWARD DRIVE
MADISON, WISC. 53711

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
5423 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

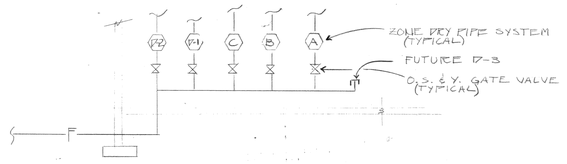
NOTES

1. CAP SUPA SEWER FOR FUTURE EXTENSION. SEE PLAN FOR I.E. PROVIDE C.O. TO FINISHED GRADE.
2. ALL PLUMBING VENTS UP ALONG COLUMN, COMBINE PER PLUMBING CODE.
3. RUN 3" VENT UP ALONG COLUMN, COMBINE PER PLUMBING CODE.

FLOOR PLAN - UNIT D.2 PLUMBING

1/8"=1'-0"

(REFER TO ARCHITECTURAL DWGS FOR EXACT FIXTURE LOCATIONS)



SPRINKLER ZONE VALVE RISER DIAGRAM

N.T.S.

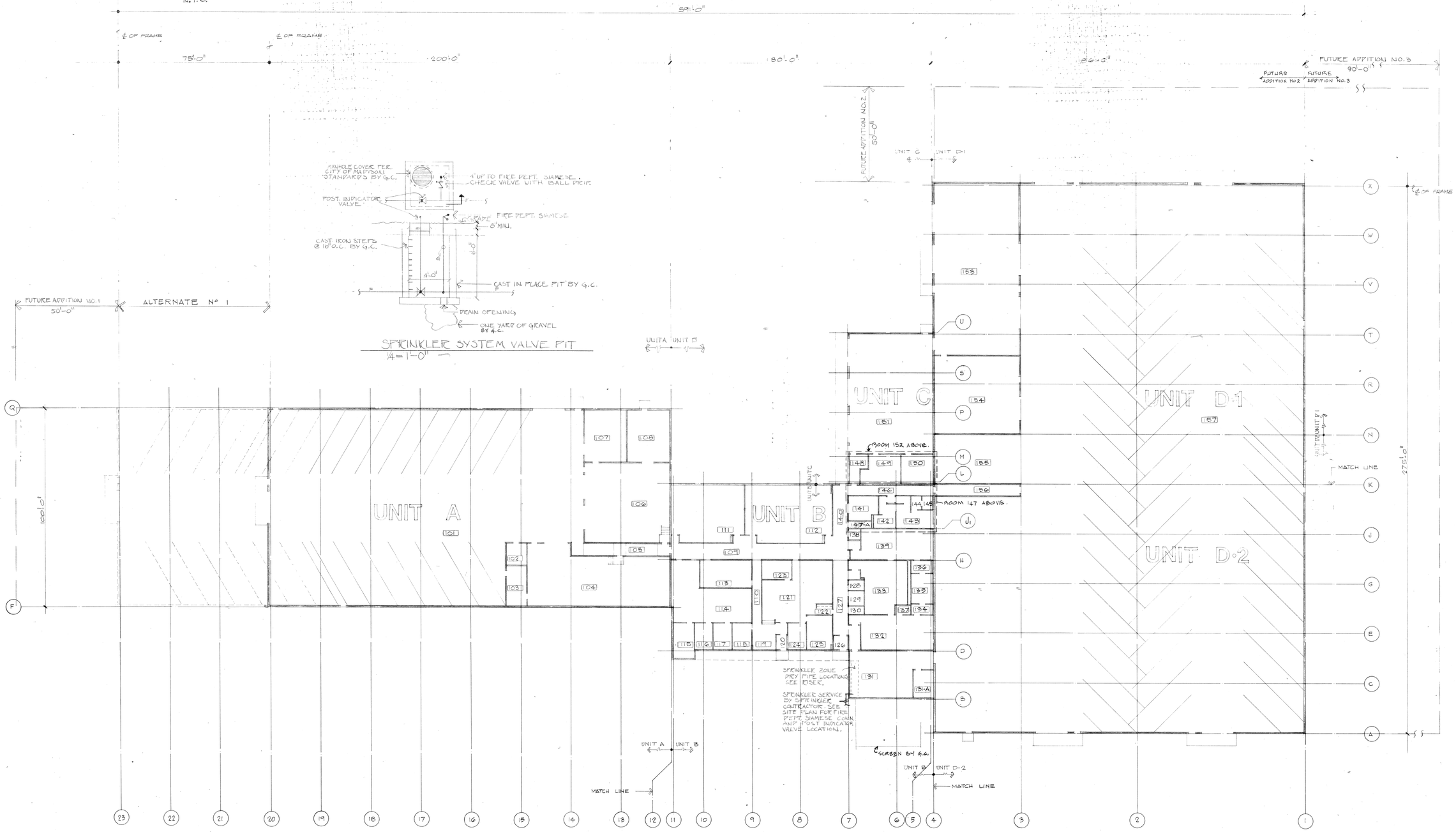
NOTES

1. COORDINATE SPRINKLER LAYOUT WITH BUILDING SYSTEM. SEE ARCHITECTURAL AND MECHANICAL PLANS FOR ROOM USE AND EQUIPMENT LOCATIONS. SPRINKLER HEADS SHALL CLEAR OVERHEAD EQUIPMENT, INCLUDING HOIST AND SUSPENDED EQUIPMENT.

2. PROVIDE ADDITIONAL SIDE WALL SPRINKLER HEADS WITH DRAIN VALVES AT OVERHEAD DOOR LOCATIONS FOR AREA PROTECTION WHEN DOOR IS OPEN. SEE ARCHITECTURAL DRAWING FOR DOOR LOCATIONS AND TYPES.

SPRINKLER SYSTEM VALVE PIT

1/4"=1'-0"



NORTH

REFERENCE FLOOR PLAN — SPRINKLER LAYOUT

SCALE: 1" = 20'

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
615 FORWARD DRIVE
MADISON, WISC. 53711

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2402 UNIVERSITY AVENUE MADISON WISCONSIN 53705 608/238-7444

Phase 1

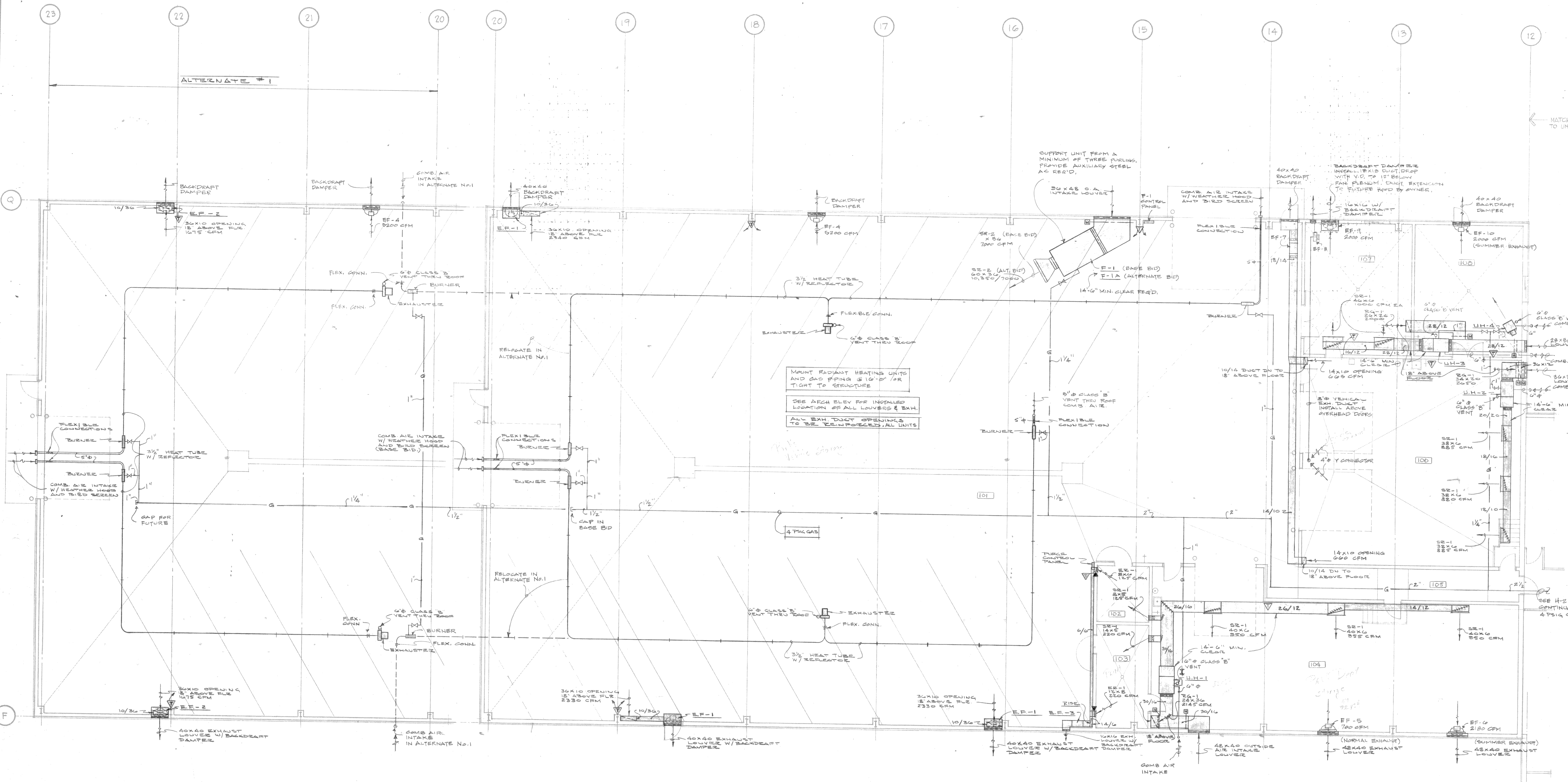
East Side Public Works Maintenance Facility

4602 sycamore ave. madison, wisconsin
owner: city of madison

REFERENCE FLOOR PLAN - SPRINKLER SYSTEM

PROJECT NO.	7610
DRAWN BY:	KN
CHECKED BY:	WFS
DATE:	11/17/76

P-5



FLOOR PLAN UNIT A HEATING & VENTILATING

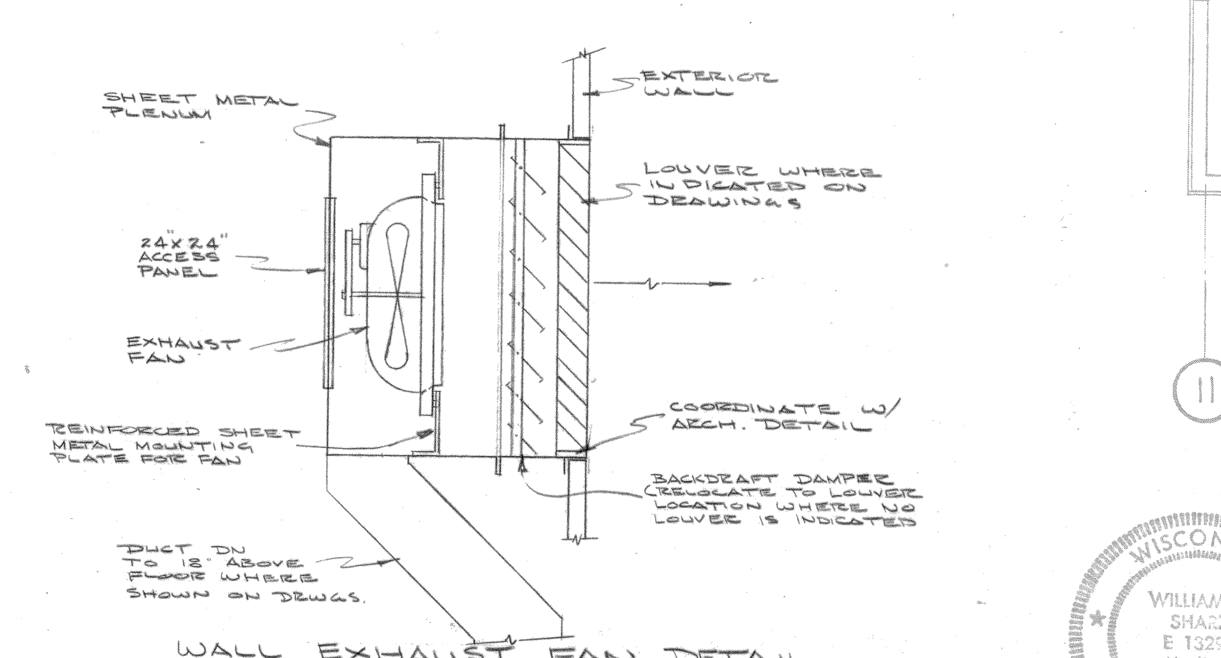
1/8" = 1'-0"

HEATING ABBREVIATIONS

AHU	air handling unit
AD	access door
AP	access panel
BC	booster coil
B.T.U.	British Thermal Unit
CD	ceiling diffuser
CFM	cubic feet per minute
CONV	convector
CUH	cabinet unit heater
C.W.	cold water
D.	drain
DCO	DOOR CUTOFF BY G.C.
E.A.	exhaust air
E.C.	electrical contractor
E.G.	exhaust grille
E.R.	exhaust register
E.F.	exhaust fan
EXH	exhaust
F.D.	floor drain
FLEX	flexible
G.C.	general contractor
G	gas
GPM	gallons per minute
H.C.	heating contractor
HP	horsepower
HR	hour
L.P.R.	low pressure return
L.P.S.	low pressure steam
M.	motor operated damper
MBH	1000 British Thermal Units per hour
O.A.	outside air
P.	pump
P.C.	plumbing contractor
PRESS	pressure
PSI	pounds per square inch
PRV	power roof ventilator
R.	return
R.G.	return grille
RPM	revolutions per minute
R.R.	return register
S.	supply
S.A.	supply air
S.G.	supply grille
S.R.	supply register
T.	thermostat
T.C.V.	temperature control valve
U.H.	unit heater
V.D.	volume damper
W.F.	wall-fin cabinet

MECHANICAL SYMBOLS

- SPLITTER DAMPER
- AUTOMATIC DAMPER
- V.D. VOLUME DAMPER
- TURNING VANES
- S SUPPLY DUCT
- E EXHAUST DUCT
- O A OUTDOOR AIR DUCT
- R RETURN DUCT
- FLEXIBLE DUCT CONNECTION
- FIRE DAMPER IN VERTICAL SEPARATIONS
- FIRE DAMPER IN HORIZONTAL SEPARATIONS
- THERMOSTAT, ELECTRIC
- THERMOSTAT, PNEUMATIC
- PRESSURE GAUGE
- THERMOMETER
- HWS HOT WATER SUPPLY
- HWR HOT WATER RETURN
- G GAS
- D DRAIN
- FLOW DIRECTION
- PITCH DOWN IN DIRECTION OF ARROW
- CHECK VALVE
- AUTOMATIC CONTROL VALVE
- GLOBE VALVE
- GATE VALVE
- SAFETY VALVE
- BALANCING VALVE
- BALL VALVE
- STRAINER
- UNION
- ANCHOR
- FLEXIBLE PIPE CONNECTOR
- FOS FUEL OIL SUPPLY
- FOR FUEL OIL RETURN
- V VENT



WALL EXHAUST FAN DETAIL

NG

WISCONSIN WILLIAM F. SHARP E 13295 Madison Wis. PROFESSIONAL ENGINEER

William F. Sharp H-1 THRU H-5

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

FLOOR PLAN - UNIT A HEATING & VENTIL.

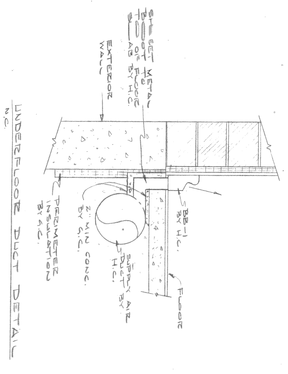
East Side Public Works Maintenance Facility . . . Phase 1

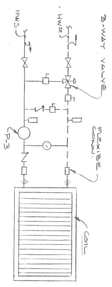
4602 sycamore ave. madison, wisconsin

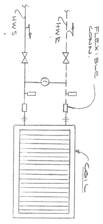
owner: city of madison

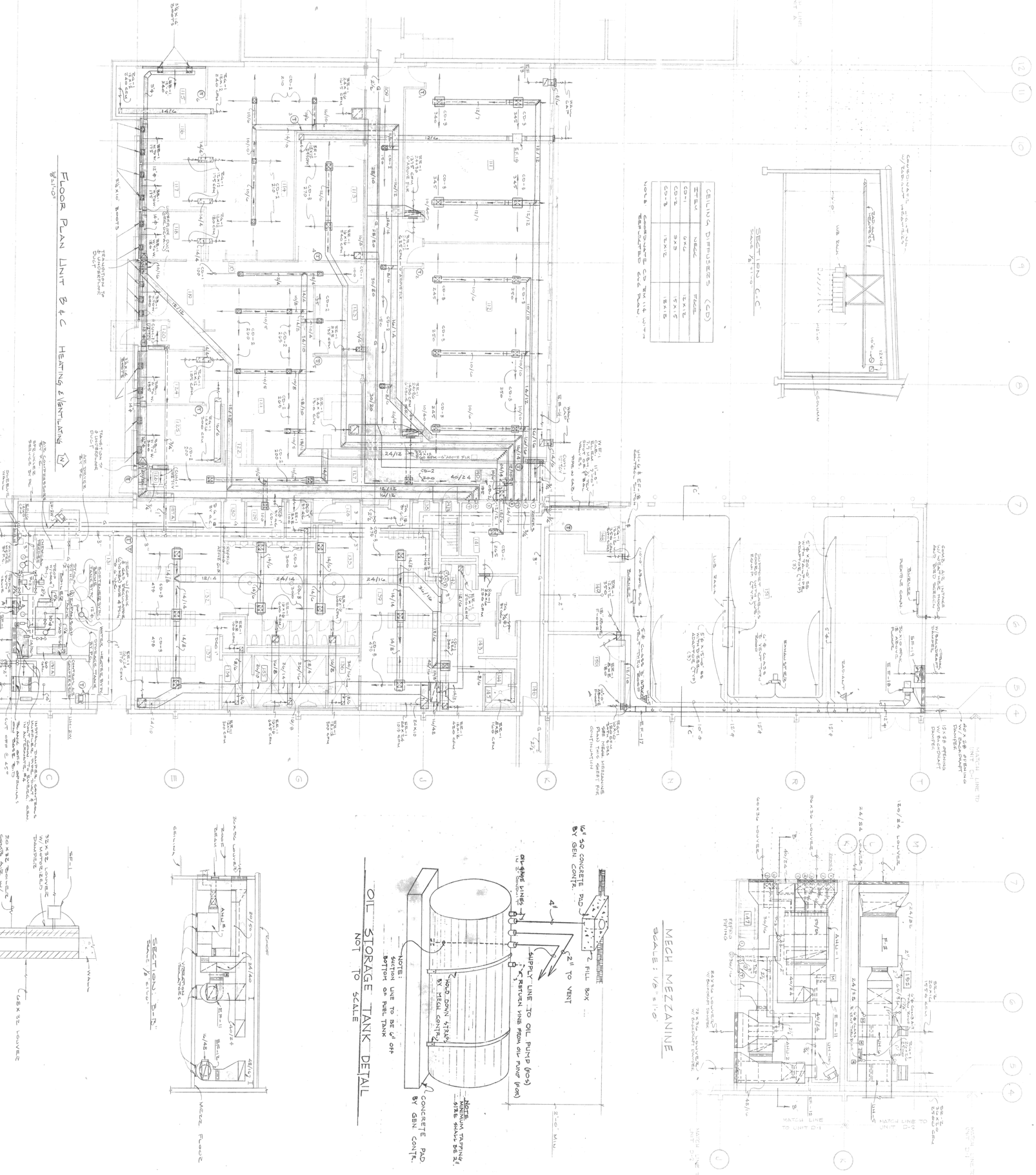
PROJECT NO.	7610
DRAWN BY:	AFR
CHECKED BY:	WFS
DATE:	11/17/76

H-1









ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
FORWARD DRIVE
MADISON, WISC. 53711

PROJECT NO.	760
DRAWN BY	AHC
CHECKED BY	
DATE	11/17/76

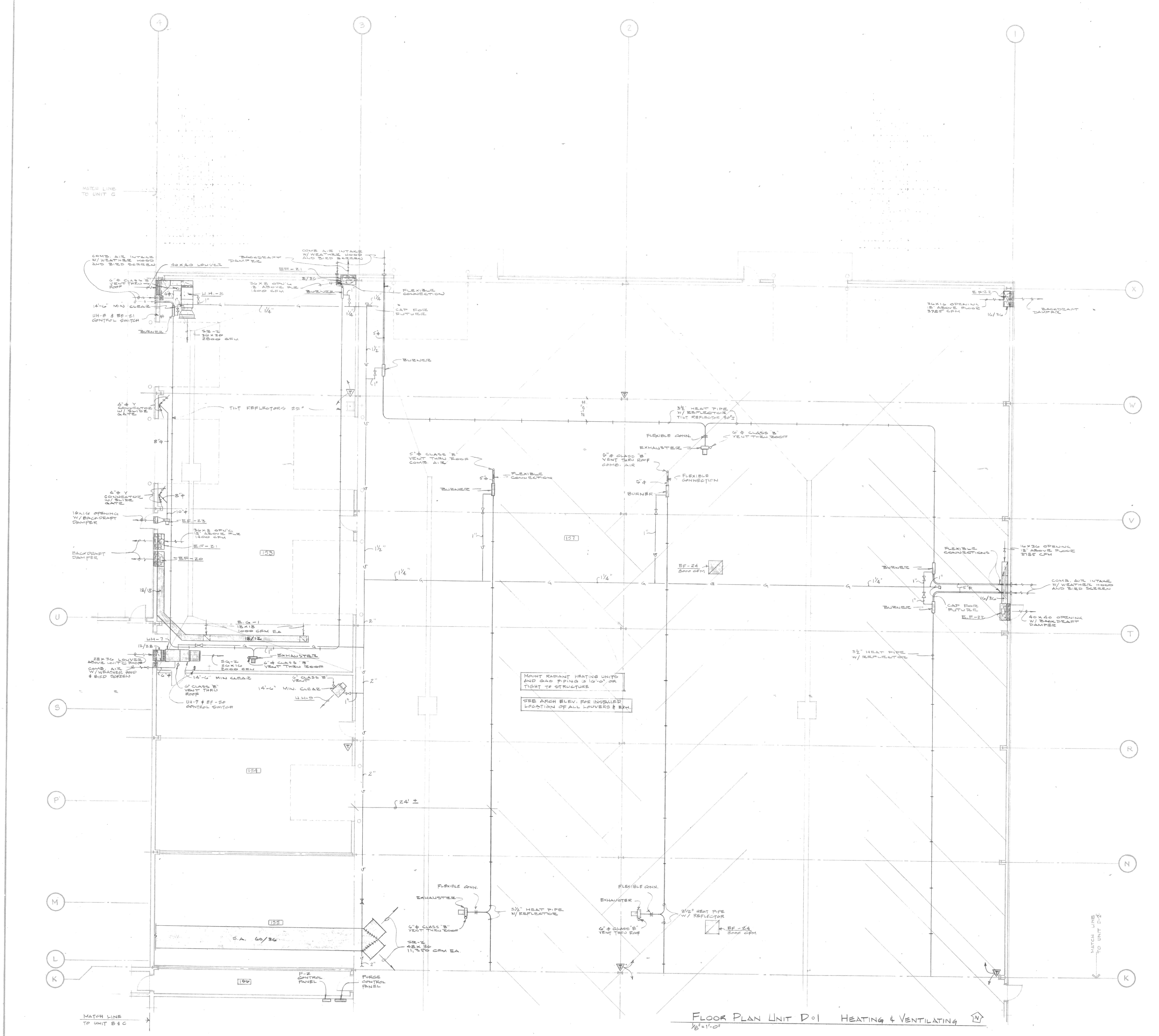
H-2

FLOOR PLAN - UNIT B&C HEATING & VENTIL.

East Side Public Works Maintenance Facility ··· Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2439 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144



FLOOR PLAN UNIT D-1 HEATING & VENTILATING
1/8" = 1'-0"

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

FLOOR PLAN - UNIT D-1 HEATING & VENTIL.

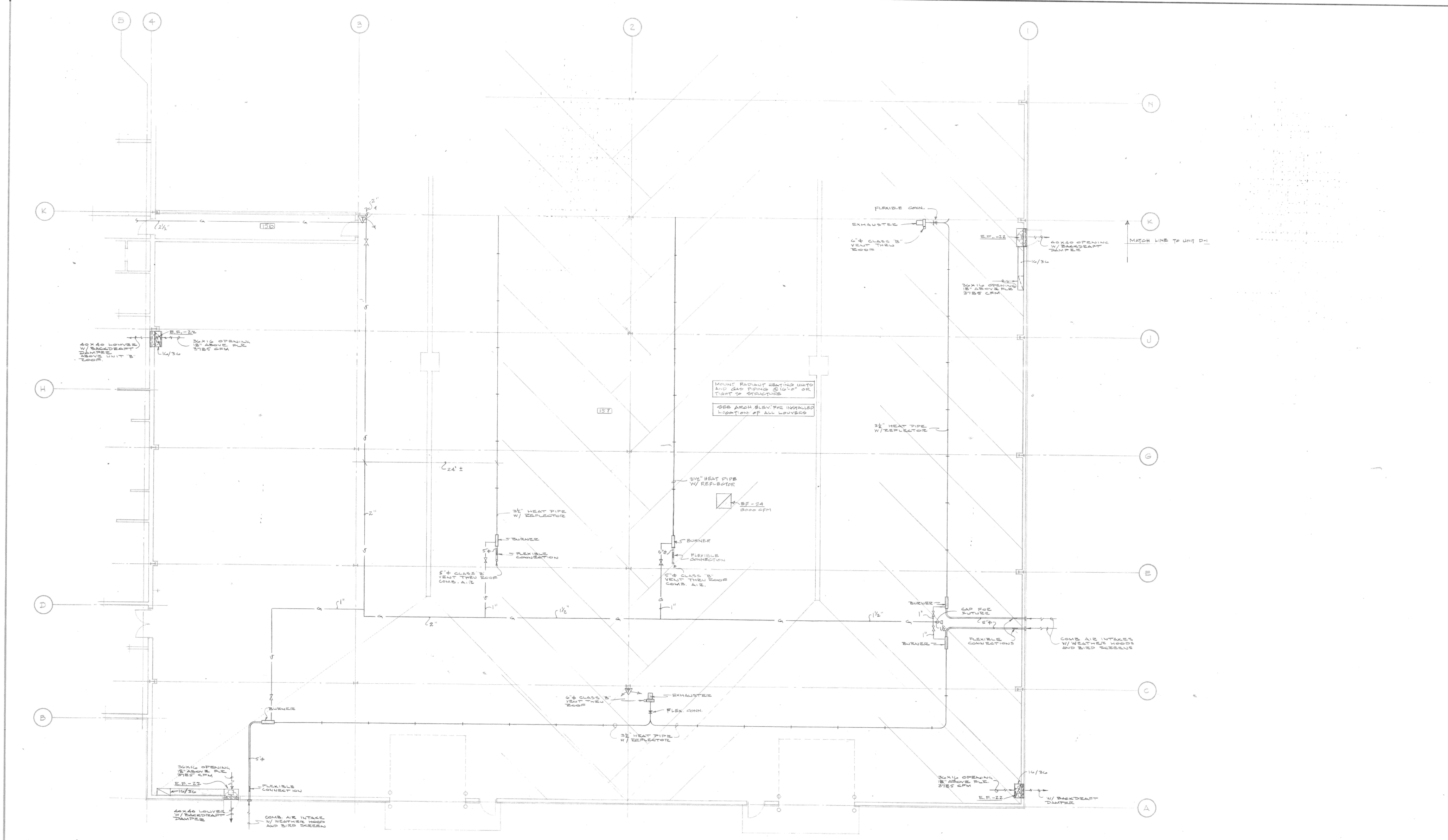
East Side Public Works Maintenance Facility . . . Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

PROJECT NO.	7610
DRAWN BY:	AFR
CHECKED BY:	WFS
DATE:	11/17/76

H-3



FLOOR PLAN UNIT D-2 HEATING & VENTILATING

1/8" = 1'-0"

FLOOR PLAN - UNIT D-2 HEATING & VENTIL.

East Side Public Works Maintenance Facility . . . Phase 1

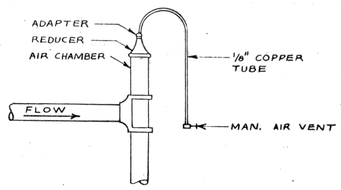
4602 sycamore ave. madison, wisconsin
owner: city of madison

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2433 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

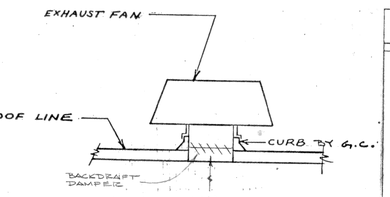
PROJECT NO.	7610
DRAWN BY:	AFR.
CHECKED BY:	W.F.S.
DATE:	11/17/76

H-4

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711



MANUAL AIR VENT



ROOF EXHAUST FAN PLENUM

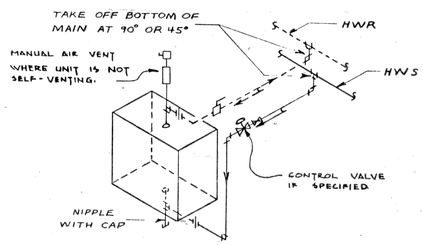
GAS FIRED UNIT HEATERS		UH-1	UH-2	UH-3	UH-4 & 9	UH-5	UH-6	UH-7	UH-8
FAN DATA	MFGR	REZNOR	REZNOR	REZNOR	REZNOR	REZNOR	REZNOR	REZNOR	REZNOR
	MODEL	SCJ 260	SCJ 175	SCJ 225	SCA 125	SCJ-300	SCJ-175	SCJ-200	SCJ-300
	AIR FLOW (CFM)	3200	2650	2000	1545	2500	1550	2000	2500
	EXT. STATIC PRESS.	1/2	1/2	1/2	1/10	1/2	1/2	1/2	1/2
	MOTOR HP	2	2	3/4	1/20	3/4	1/2	3/4	1
	% O.A.	33	50	100	0	80	100	100	100
HTG DATA	AIR IN	35	22	45	50	0	-15	-15	-15
	AIR OUT	75	69	66	56	55	75	60	60
	BURNER INPUT (MBH)	260	175	225	125	300	175	200	300
	GAS PRESS. (PSIG)	4	4	4	4	4	4	4	4

PUMP SCHEDULE

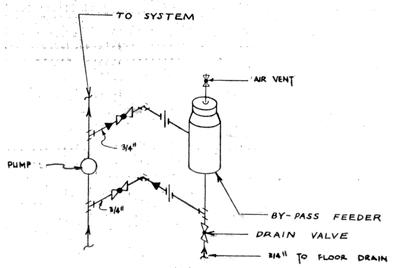
SYM.	SERVICE	MFGR	MODEL NO.	SIZE SUCT.	SIZE DISCH.	G.P.M.	HEAD FT. OF WATER	MOTOR H.P.	MOTOR R.P.M.	REMARKS
P-1, P-2	UNIT - B	B & G	1½ A	1½	1½	45	50'	1	1750	
P-3	AHU - 1	B & G	1½ A	1½"	1½"	30	14'	¼	1750	

UNIT HEATER SCHEDULE (HOT WATER)

SYM.	TYPE	CAP. MBH	MFGR	MODEL NO.	CFM STD AIR	MOTOR H.P.	MOTOR RPM		REMARKS
UH-1W	S	19.1	TRANE	38-3	543	1/20	1550		
UH-2W	S	34.6	TRANE	60-3	815	1/20	1550		



DOWNFEED HOT WATER HORIZONTAL UNIT HEATER

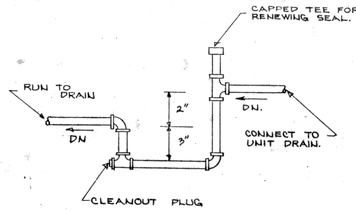


BY-PASS COMPOUND FEEDER

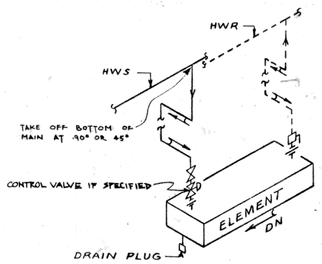
FURNACE SCHEDULE		F-1 (BASE BID)	F-1A (ALT BID)	F-2		
FURNACE FAN DATA	MFGR	TRANE	TRANE	TRANE		
	MODEL	1180A	1200A	1360A		
	AIR FLOW (CFM)	7000	10350	22700		
	STATIC PRESS.	1.0	1.0	1.0		
	MOTOR HP	3	7½	10		
	% O.A.	100	100	100		
	ISOLATORS (SEE 1510C)	D-1.0	D-1.0	D-1.0		
HTG DATA	AIR IN	-15°	-15°	-15°		
	AIR OUT	40°	40°	40°		
	BURNER INPUT (MBH)	500	825	1650		
	GAS PRESS.	4	4	4		

CABINET UNIT HEATER SCHEDULE

SYM.	MFGR	MODEL NO.	CAP. MBH	CFM STD. AIR	MOTOR SIZE	DRIVE	SPEED	MOUNTING	RECESS	GPM
CUH-1	TRANE	N40	19.0	200	1/20	DIRECT	1120	WALL	FULL	2.0



LOOP SEAL FOR COOLING COIL CONDENSATE DRAIN



DOWNFEED HOT WATER CONVECTOR OR CABINET HEATER

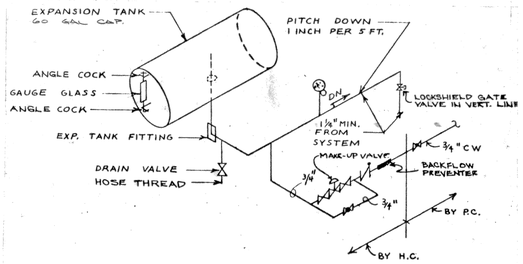
AIR HANDLING UNIT SCHEDULE			
Item		#1	#2
Mfgr.		TRANE	TRANE
Unit No.		1821 Multi zone	T8
Air Flow		9000	4350
% Outdoor Air		15	100
Total Static		1.75	1.0
Min. Fan HP		7½	2
RPM		970	745
Vibration Isolators (see 1510C)		B-1.0	B-1.0
Filter Arrg't		COMB. BOX	COMB. BOX
Heating Coil	Air In/Air Out	53/84	-15/85
	Load MBH	302	470
	Face Vel. FPM	857	692
	Air Press. Drop, in W.G.	0.4	0.4
	Water Supply Temp	200	200
	Water Flow, gpm	30.2	47
	Water Press. Drop	6'	6'
	Control Valve Size	1¼"	1½
	Control Valve Press. Drop Ft.	5	5
Cooling Coil	Air In DB/WB	80.5/66.8	
	Air Out DB/WB	60.5/57	
	Load, MBH	283.5	
	Face Vel, FPM	530	
	Air Press. Drop, in W.C.	0.7	
	Cooling Media	DX	
	Suction Temp.	42	
Condensing Unit	Model	ICAU A250GM	
	Refrig.	R-22	
	Load (MBH)	283.5	
	Ambient Temp.	95°	
	KW	34.5	
	FLA/LRA	485/276	
	Vib. Isol. Type	—	

RECT. DUCT CONSTRUCTION

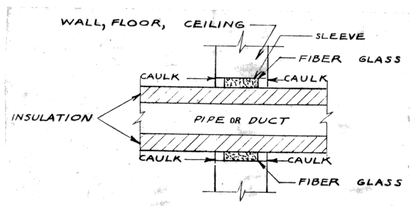
WIDTH INCHES	U. S. STANDARD G.I. GAUGE	BRACING GAL. ANGLE INCHES	BRACING SPACING INCHES
4-12	26	NONE	NONE
13-24	24	NONE	NONE
25-30	24	1 x 1 x 1/8	30
31-40	22	1 x 1 x 1/8	30
41-60	22	1½ x 1½ x 1/8	30
61-90	20	1½ x 1½ x 1/8	24
91-6 Over	18	1½ x 1½ x 1/8	24

ROUND DUCT CONSTRUCTION

DIAMETER IN INCHES	U S. STANDARD G.I. GAUGE
0-10	24
11-20	27
21-40	20



EXPANSION TANK

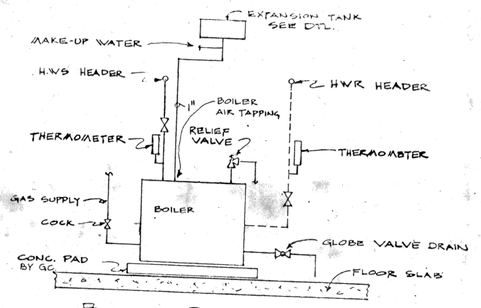


NOTE
CAULKING SHALL BE ½" DEEP BUTYL RUBBER

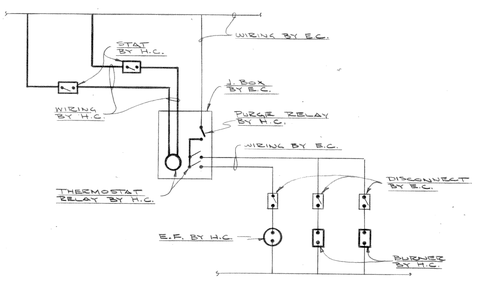
PIPE OR DUCT SLEEVE

FAN SCHEDULE

SYM.	SERVICE	CFM	MFGR	TOTAL STATIC IN H_2O	MOTOR H.P.	DRIVE	MODEL	VIB. ISOLATOR TYPE	VIB. ISOLATOR MIN. STATIC DEFLEC.	REMARK
EF-1	101	2340	GREENHECK	¼"	⅓	BELT	SBP-30-20-3	—	—	
EF-2	ALT. 101	1675	"	¼"	¼	"	SBP-30-20-4	—	—	
EF-3	102 & 103	345	"	¼"	1/15	DIRECT	SQD-9-D	—	—	
EF-4	101	5200	"	⅛"	⅓	BELT	SBP-30-20-3	—	—	
EF-5	104	700	"	⅛"	⅛	"	SBP-24-20-12	—	—	
EF-6	104	2180	"	⅛"	⅛	"	SBP-24-20-8	—	—	
EF-7	106	1325	"	¼"	⅓	"	SQB-13-4	—	—	
EF-8	106	400	AMMERMAN	½"	1/10	DIRECT	JD 60A	A	.35	
EF-9	107	2000	GREENHECK	¼"	¼	BELT	SBP-30-20-4	—	—	
EF-10	108	2000	"	⅛"	⅛	"	SBP-24-20-8	—	—	
EF-11	UNIT B	7650	TRANE	½"	2	"	30B1	B	1.0	
EF-12	LOCKER AREA	5700	"	⅜"	1	"	27B1	B	1.0	—
EF-13	111	475	LG	⅛"	1/25	DIRECT	CCV 500	—	—	W/WALL CAP
EF-14	112	475	"	⅛"	1/25	"	CCV 500	—	—	"
EF-15	113	295	"	¼"	1/25	"	CCV 500	—	—	"
EF-16	131	1460	GREENHECK	⅛"	¼	BELT	SBP-24-20-4	—	—	
EF-17	149 & 150	530	"	⅜"	1/15	DIRECT	SQD-9-D	—	—	
EF-18	151	1550	AMMERMAN	¾"	1	"	JD 90 AA	A	.35	
EF-19	151	2000	GREENHECK	¼"	⅙	BELT	SBP-30-20-4	—	—	
EF-20	153	2000	"	¼"	¼	"	SBP-30-20-4	—	—	
EF-21	153	1400	"	¼"	⅙	"	SBP-24-20-6	—	—	
EF-22	157	3785	"	¼"	½	"	SBP-36-20-5	—	—	
EF-23	153	1000	AMMERMAN	½"	⅓	DIRECT	JD 75A	A	.35	
EF-24	157	8000	GREENHECK	⅛	1	BELT	SBE 30-25-10	—	—	CURB BY G.C.
SF-1	131	1460	GREENHECK	⅛"	¼	BELT	SBP-24-20-4	—	—	SUPPLY



BOILER PIPING DIAGRAM



RADIANT HEATING SYSTEM WIRING DIAGRAM

NOTE: SINGLE THERMOSTAT REQUIRED IN UNITS C & D. DOUBLE THERMOSTAT REQUIRED IN UNIT 'A'

INTERLOCK SCHEDULE	
UNIT NO.	INTERLOCK WITH:
AHU-1	EF-11
AHU-2	EF-12
F-1 OR F-1A	EF-1 (3), EF-2 (2)
A PURGE CONTROL	TO OF F-1A, EF-4 (2), O'HEAD DOORS (2), RADIANT UNITS
UH-1	EF-5, EF-6
UH-2	EF-7
UH-3	EF-8
UH-5	EF-19
UH-6	EF-18
UH-7	EF-20
UH-8	EF-21
F-2	EF-22 (4)
D PURGE CONTROL	F-2, EF-24 (3), O'HEAD DOORS (4), RADIANT UNITS
SF-1	EF-16

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East Side Public Works Maintenance Facility . . . Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

DETAILS & SCHEDULES HEATING & VENTIL.

PROJECT NO. 7610
DRAWN BY: AFF
CHECKED BY: WFS
DATE: 11/17/76

H-5

ARNOLD & O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE
MADISON, WISC. 53711

East Side Public Works
Maintenance Facility ... Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

LIGHTING & OUTLETS UNIT A

PROJECT NO.	7510
DRAWN BY:	KG
CHECKED BY:	EL
DATE:	11/17/76

E-1

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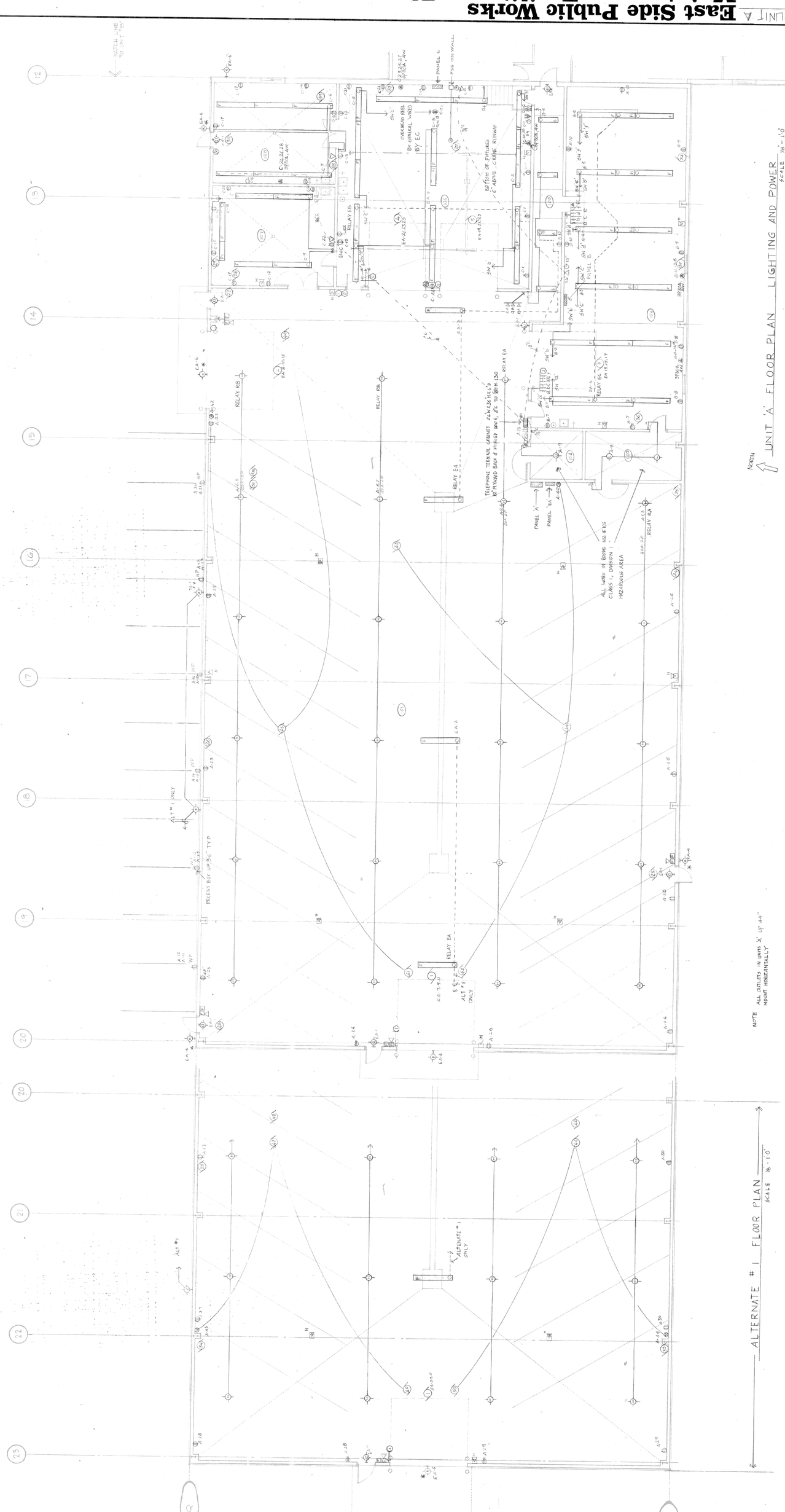

LIGHTING UNITS B&C

East Side Public Works Maintenance Facility ··· Phase 1

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owner: city of madison

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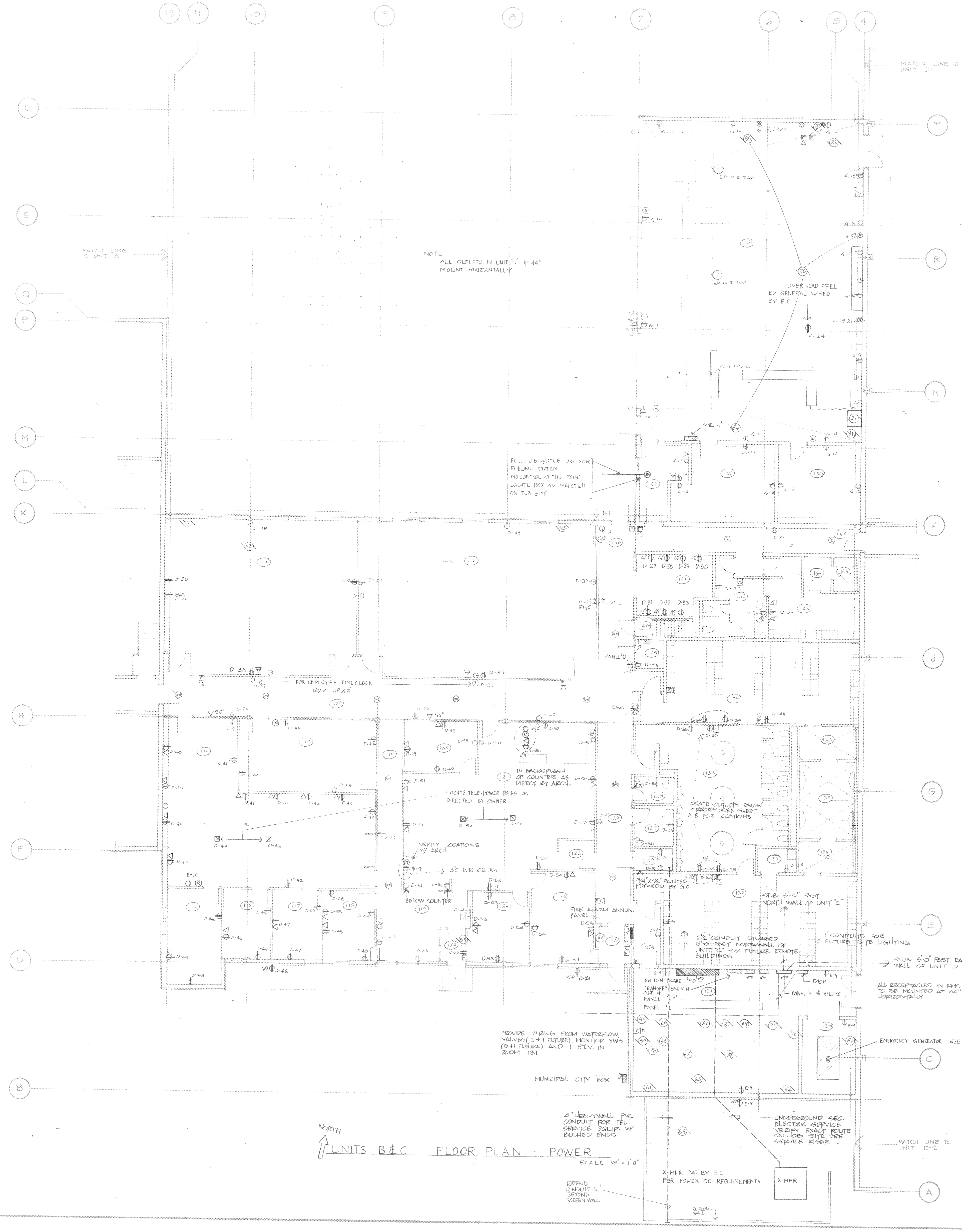
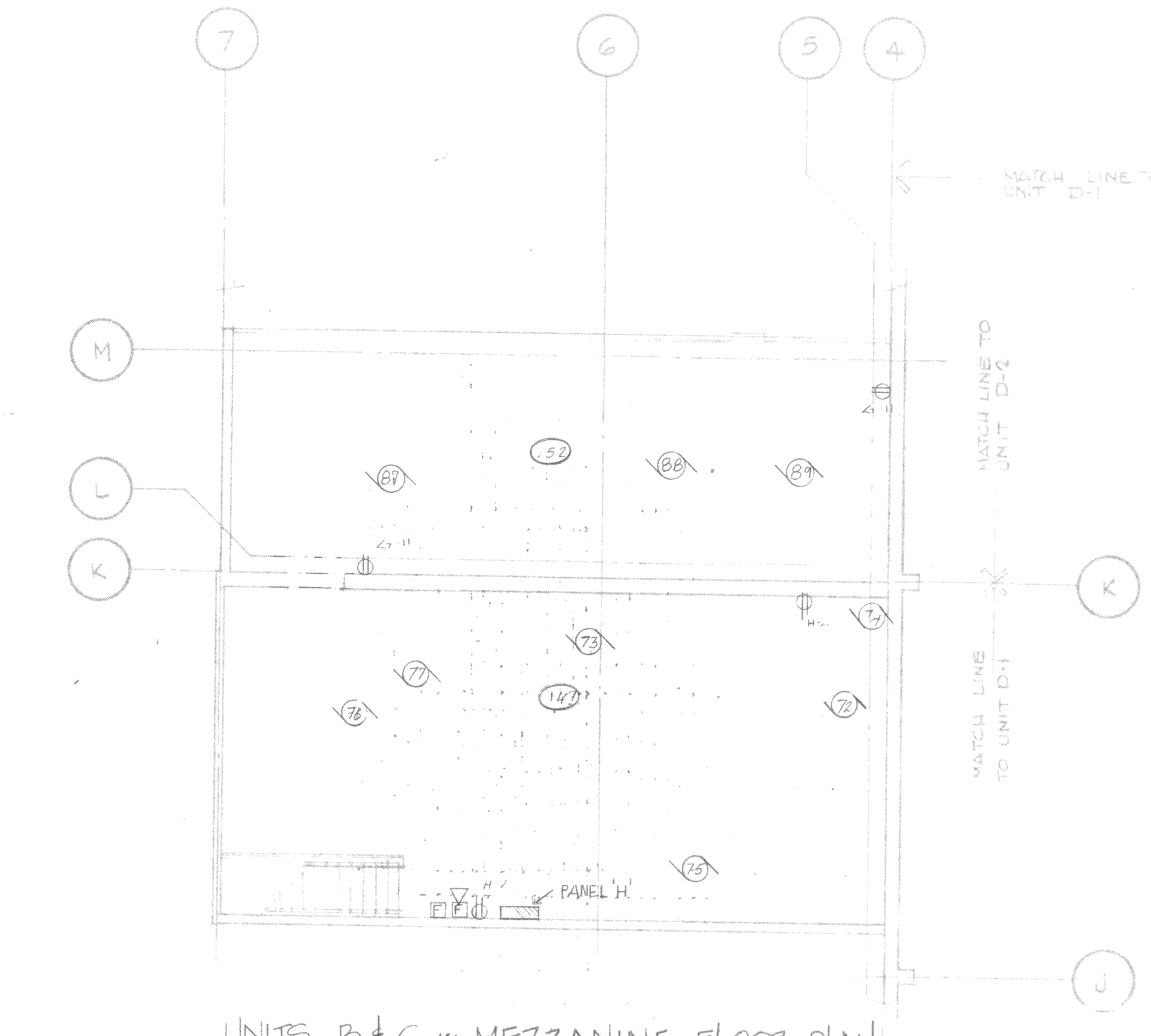
3488 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

E-2

PROJECT NO. 7610
DRAWN BY: RA
CHECKED BY:
DATE: 11/17/76



UNITS B & C FLOOR PLAN · POWER
SCALE 1/8" = 1'0"



UNITS B & C — MEZZANINE FLOOR PLAN
SCALE 1/8" = 1'-0"

NOTES

- ZONING FOR FIRE ALARM SYSTEM SHALL BE AS FOLLOWS:
  ZONE 1 UNIT A
  2 B
  3 C
  4 D
  5 WATERFLOW SPRINKLER SYSTEM
  6
  7
  8
  9
  10
  11 POST INDICATING VALVE (P.I.V.) (FUTURE)
  12 TO 18 FUTURE
- ALL WIRING FOR P.A. SYSTEM SHALL BE IN 1/2" CONDUIT EXCEPT WHERE IT MAY BE INSTALLED ABOVE SUSPENDED CEILINGS WHERE CONDUIT IS NOT REQUIRED.
- CAP & PROVIDE MARKERS FOR ALL CONDUITS STUBBED FROM BUILDING.

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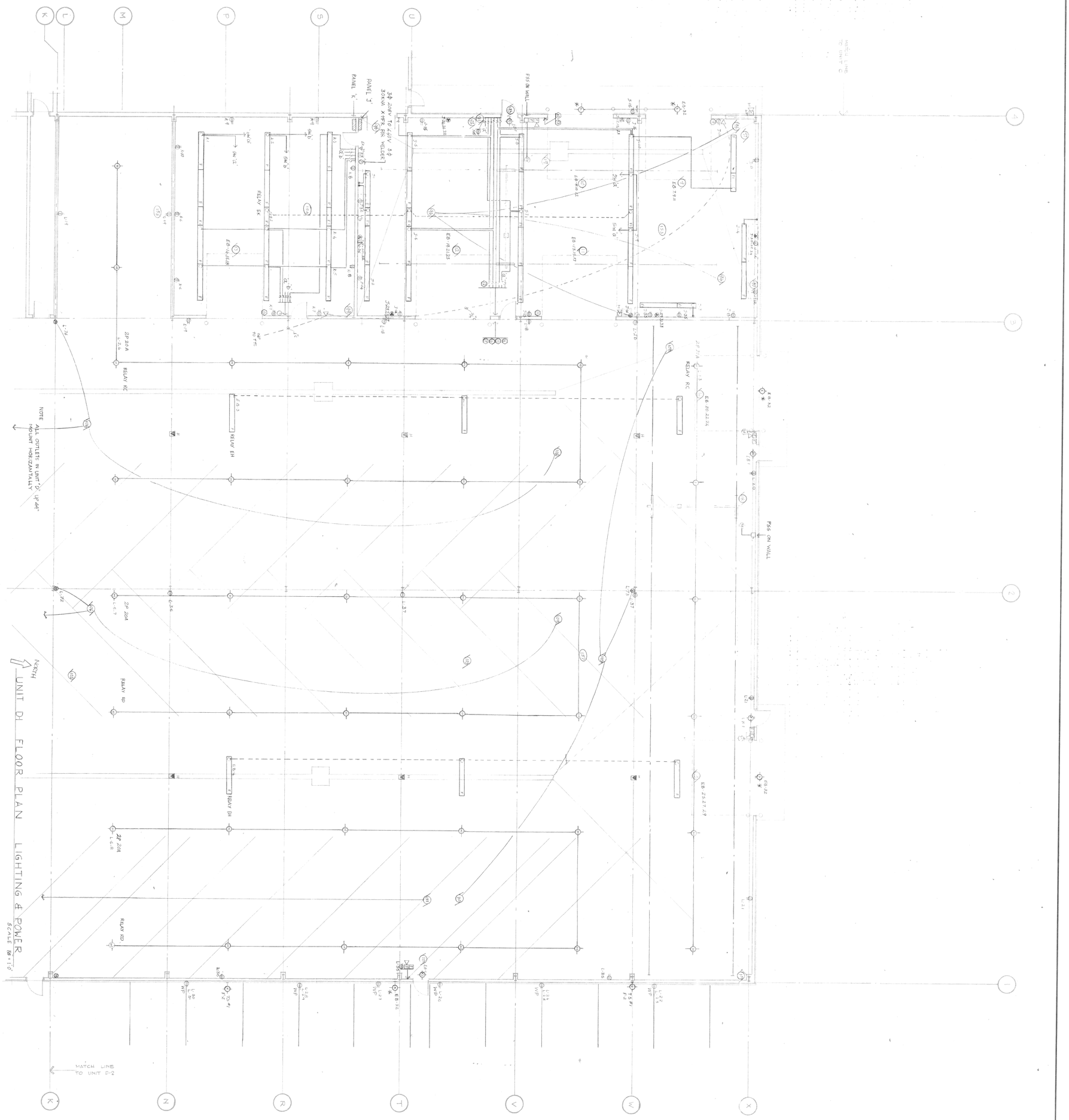
East Side Public Works Maintenance Facility . . . Phase 1

4602 sycamore ave. madison, wisconsin
owner: city of madison

OUTLETS UNITS B & C

PROJECT NO.	7610
DRAWN BY:	ROG
CHECKED BY:	EA
DATE:	11/17/76

E-3



E4.1

LIGHTING & OUTLETS UNIT D

PROJECT NO. 760
DRAWN BY:
CHECKED BY:
DATE 11/17/76

East Side Public Works Maintenance Facility ··· Phase 1

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owner: city of madison

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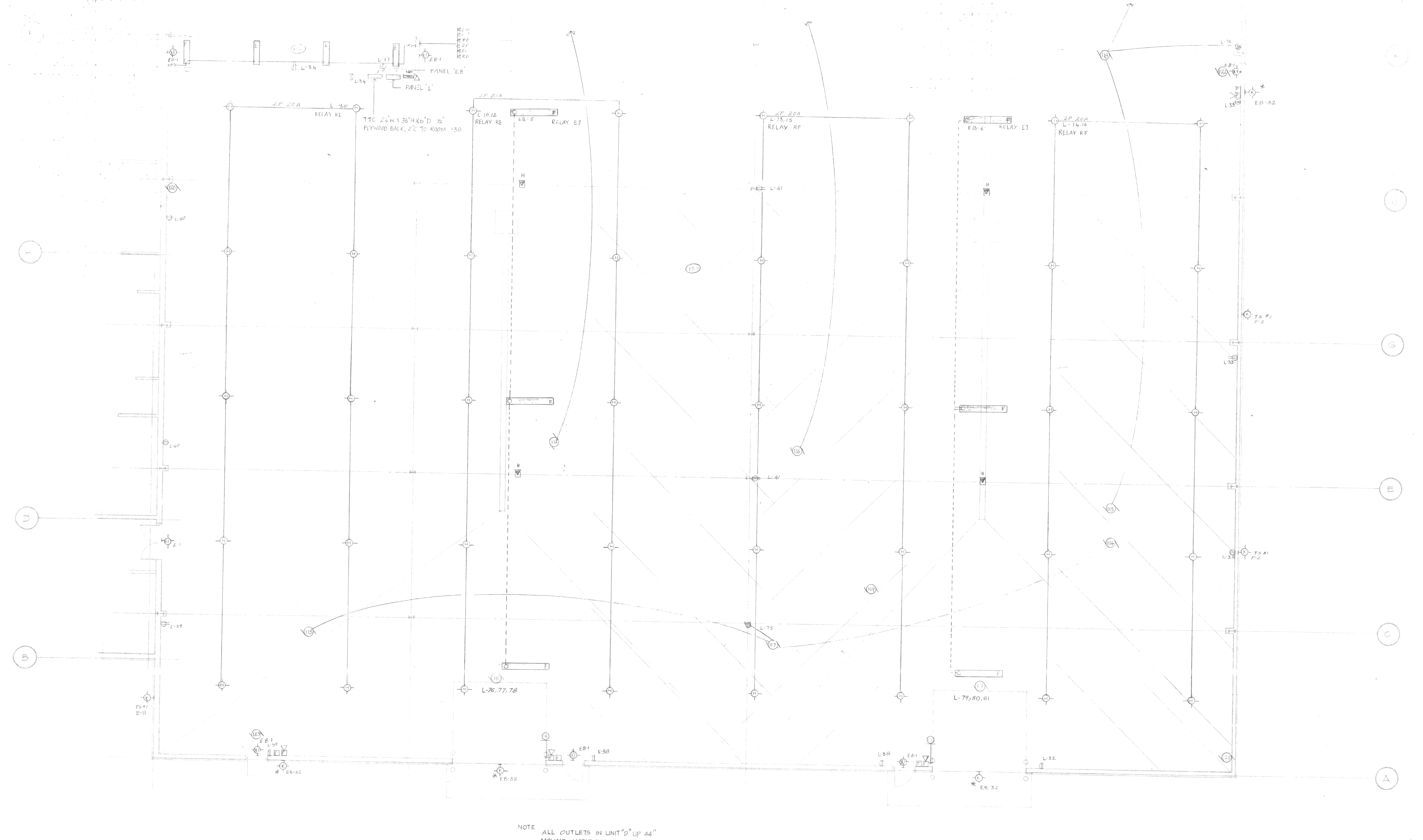

NOTE ALL OUTLETS IN UNIT "D" UP 44"
MOUNT HORIZANTALLY

NORTH

UNIT D-2 FLOOR PLAN · LIGHTING & POWER
SCALE ⅛" - 1'-0"

LIGHTING & OUTLETS, UNIT D

East Side Public Works Maintenance Facility · · · Phase 1

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owner: city of madison

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PROJECT NO.	7610
DRAWN BY:	
CHECKED BY:	
DATE:	11/17/76

E-5

RELAY SCHEDULE

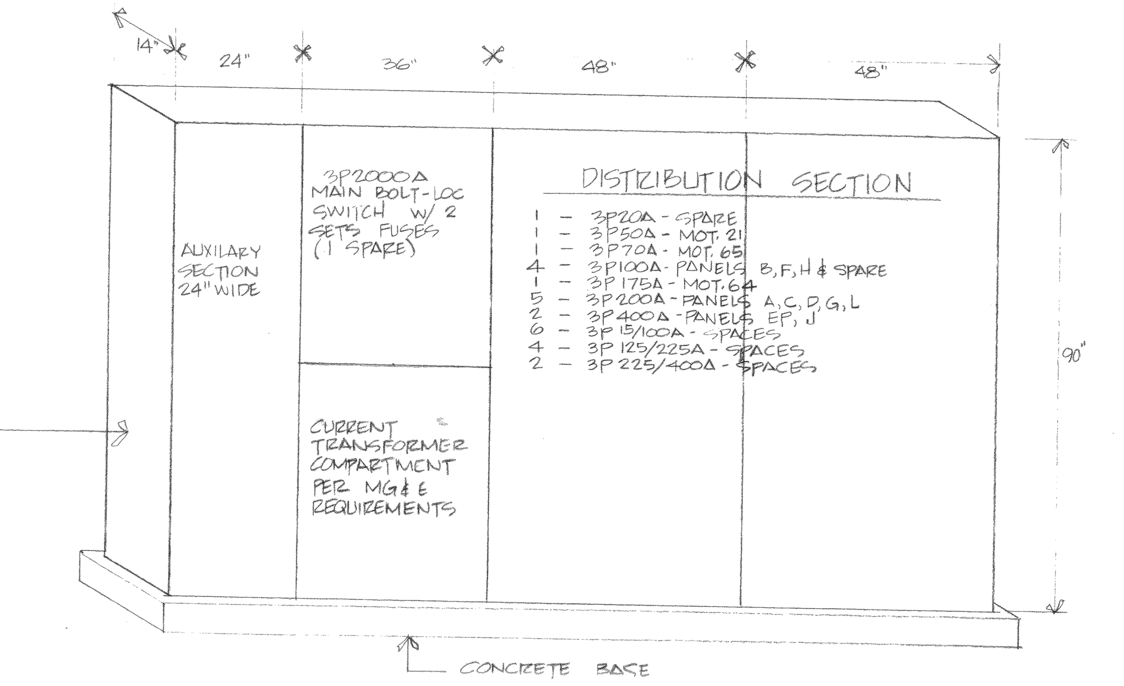
NO	ASCO CATALOG NO	LOCATION	CIRCUITS CONTROLLED	MANUAL ON-OFF CONTROL	AUTOMATIC ON-OFF CONTROL	REMARKS
RA	16660-C	PANEL A 101	A-1 THRU 4	SINGLE POLE DOUBLE THROW TOGGLE SW.	NONE	
RB			A-5 THRU 8			
RC		PANEL L-157	L-1 THRU 4			
RD			L-5 THRU 8			
RE			L-9 THRU 12			
RF			L-13 THRU 16			
RG	16660-C	PANEL F 131	F-1 & 2	—	TS-1A	
EA	540-C	PANEL EA 101	EA-2 & 3	SINGLE POLE TOGGLE SW	TS-1B	WIRE MANUAL CONTROL PARALLEL W/AUTO. CONTROL
EB			EA-5		TS-1C	
EC			EA-4			
ED		PANEL E 131	E-2 & 3			
EF			E-4			
EG			E-5			
EH		PANEL EB 157	EB-3 & 4		TS-1B	
EJ			EB-5 & 6			
EK			EB-2		TS-1C	

NOTE: TS #1 = TORK #T-903, CIRCUIT 1A, PHOTOCELL ON-TIME SW. OFF, CIRCUIT 1B, PHOTOCELL ON & OFF, CIRCUIT 1C, TIME SW. ON & OFF. LOCATE TIME SWITCH AT PANEL F

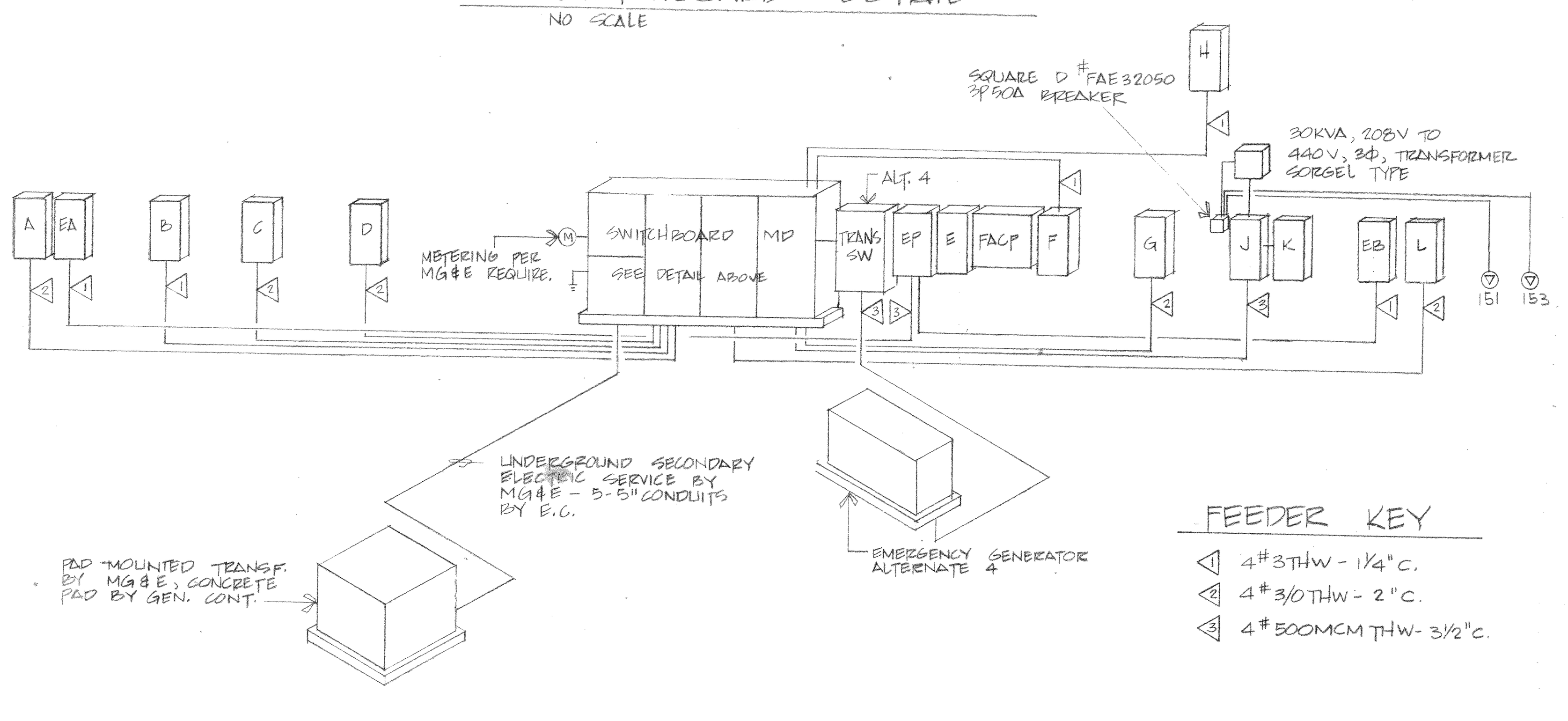
PANEL SCHEDULE

PANEL	BREAKER TOTAL	BREAKER POLE	BREAKER AMP	SPARE	MAIN BUS TYPE	MAIN BUS AMP	SQUARE D CATALOG NO	MTG.	REMARKS
A	39 4 1 10	1 2 3 1	20 20 20 SPACE	5	4WSN	225	NQO	S	
B	17 3 10	1 3 1	20 30 SPACE	5					
C	36 1 3 12	1 3 3 1	20 20 30 SPACE	8					
D	46 6	1 1	20 SPACE	6					
E	2 16 6	1 1 1	15 20 SPACE	4		100			
EA	13 7 8	1 3 1	20 20 SPACE	5		225			
EB	11 9 4	1 3 1	20 20 SPACE	4					
EP	3 1 1 12 6	3 3 3 3 3	100 (PANELS E,EA,EB) 70 50 20 15/100 SPACES	2		400	I-LINE		
F	17 1 10	1 3 1	20 20 SPACE	4		100	NQO		
G	23 1 5 1 18	1 3 3 3 1	20 30 20 70 SPACE	3		225			

PANEL	BREAKER TOTAL	BREAKER POLE	BREAKER AMP	SPARE	MAIN BUS TYPE	MAIN BUS AMP	SQUARE D CATALOG NO	MTG.	REMARKS
H	9 1 1	1 3 1	20 20 SPACE	5	4WSN	100	NQO	S	
J	28 1 9 2 10	1 1 3 3 1	20 30 20 100 (PANEL K & TRANSF.) SPACE	6		400	I-LINE		
K	12 12	1 1	20 SPACES	4		100	NQO		
L	30 5 8 10 9	1 1 2 3 1	20 30 20 20 SPACES	5		225			



SWITCHBOARD DETAIL
NO SCALE



FEEDER KEY
1. 4#3THW - 1¼"C.
2. 4#3/0THW - 2"C.
3. 4#500MCM THW - 3½"C.

SERVICE RISER, 120/208 V, 3Φ4W, 2000 AMP
NO SCALE

MOTOR SCHEDULE

NO	DESCRIPTION	HP	VOLTS	Φ	BREAKER NO	BREAKER POLES	BREAKER AMPS	EQUIP TO FURNISH	LOCATION	REMARKS
1-17	OVER HEAD DOOR	1/2 EA	208	3	SEE PLANS			SEE NOTE 5	SEE SHEETS E1, E3, E4 & E5	
18	3 TON CRANE	3			L-42,44,46	3	20	SEE NOTE 4	157	
19					J-48,50,52				153	
20					C-36,38,40				106	
21	ELECTRIC POWER UNIT	7 1/2			MD-3		50	FSS	151	
22	EXHAUST FAN - 1	1/3	120	1	A-31	1	20	AB-600TAX218	101	
23	1				A 32					
24	1				A 33					
25	3	1/15			EA-28			AB-600TAX216		
26	4	1/3			A-34			AB-600TAX218		
27	7	1/3			A 35					
28	8	1/6			C 33			AB 600TAX216	107	
29	9	1/4			C-35			AB 600TAX218	107	
30	10	1/8			C-37			AB 600TAX216	105	
31	5				B-18			AB 600TAX218	104	
32	6				B 20					
33	2	1/4			A-36				101	ALT #1
34	2	1/4			A-37					
35	4	1/3			A-38					
36	UNIT HEATER - 1	2	208	3	B-17,19,21	3	20	FSS	104	STARTER WITH UNIT
37	2	2			EA-20,22,24				106	
38	3	3/4			EA-25,27,29				108	
39	4	1/20	120	1	EA-26	1	20	—	108	
40-41	BURNER				SEE PLAN			SEE NOTE 6	101	
42-43										
44	EXHAUSTER	1/2	120	1	A-40	1	30			INCLUDE MOTORS 42-43 ON SAME CKT W/FAN
45					A-42					40-41
46					A-44					50
47					A 45					49
48-49-50	BURNER				SEE PLAN					PACKAGE CONTROL WITH UNIT
51	F-1	3	208	3	A-39,41,43	3	20	FSS		
51A	F-1A	7 1/2	208	3			50	FSS		ALT #1
52	EF-15	1/25	120	1	D-55	1	20	AB-600TAX216	111	
53	EF-14				D-56				112	
54	SF-1	1/4			F-3			AB-600TAX218	131	
55	CUH-1	1/60			D-57			—	110	STARTER WITH UNIT
56					D-58			—	126	
57	EF-13	1/25			D-59			AB 600TAX216	111	
58	CUH-1	1/60			D-60			—	140	STARTER WITH UNIT
59	UH-2W	1/20			F-4			—	131	
60	UH-3W				F-5			—		
61	EF-16	1/4			F-6			AB-600TAX218		
62	P-1	1	208	3	EP-1	3	20	MAGNETIC STARTER		
63	P-2	1			EP-2		20			
64	CONDENSING UNIT	31 KW			MD-1		175	WP DIS. SW.	OUT SIDE	
65	AIR COMPRESSOR	10			MD-2		70	DIS. SW.	131	STARTERS & ALTERNATOR WITH UNIT. E.C. TO WIRE COMPLETE INCLUDING SOLENOID.
66		10			EP-12		70			
67	SOFTENER		120	1	F-8	1	20	RECEPTACLE		
68	WATER HEATER				F-10			SW. & FUSTAT		WIRE AQUASTAT
69	RECYCLING PUMP	1/6			F-12	—		AB-600TAX4		
70	TEMP. CONTROL AIR COMPRESSOR	1/2	208	3	EP-3	3		MAGNETIC STARTER		
71	HEATER RECIRCULATING PUMP	1/6	120	1	F-13	—	—	AB-600 TAX4		
72	EF-1	2	208	3	H-3,5,7	3	20	MAGNETIC STARTER	147	
73	EF-11	1	208	3	EP-4	3				
74	UH-1W	1/20	120	1	H-4	1		—		STARTER WITH UNIT
75	AHU-2	2	208	3	EP-5	3		MAGNETIC STARTER		
76	AHU-1	7 1/2		3	EP-6	3	50			
77	P-3	1/4	120	1	H-6	1	20	AB-600TAX218		
78	AIR DRYER	1/2	208	3	F-7,9,11	3		FSS	131	STARTER WITH UNIT
79	BOILER	1/2	208	3	EP-7			—	131	PACKAGE CONTROL WITH UNIT
80	COMPRESSOR	1/2			EP-8			MAGNETIC STARTER	151	
81	EF-17	1/15	120	1	G-25	1		AB-600TAX216		
82	18	1	208	3	G-26,28,30	3		MAGNETIC STARTER		
83	19	1/6	120	1	G-27	1		AB-600TAX216		
84	BURNER				SEE PLAN			SEE NOTE 6		
85										
86	EXHAUSTER	1/2			G-29	1	30			INCLUDE MOTORS 84-85 ON SAME CKT W/FAN
87	F-2	10	208	3	G-31,33,35	3	70	FSS	152	PACKAGE CONTROL WITH UNIT
88	UH-6	1/2			G-32,34,36		20			STARTER WITH UNIT
89	5	3/4			G-37,39,41					
90	EF-21	1/6	120	1	J-37	1		AB-600TAX218	153	
91	21	1/6			J 38					
92	20	1/4			J-39					
93	23	1/3			J-40			AB 600TAX216		
94-95	BURNER				SEE PLAN			SEE NOTE 6		
96	EXHAUSTER	1/2			J-41	1	30			INCLUDE MOTORS 94-95 ON SAME CKT W/FAN
97	UH-8	1	208	3	J-42,44,46	3	20	FSS		STARTER WITH UNIT
98	7	3/4			J-43,45,47					
99	9	1/20	120	1	K-8	1			154	
100	EF-22	1/2	208	3	L-43,45,47	3		MAGNETIC STARTER	157	
101	22	1/2			L-48,50,52					
102	24	1			L-49,51,53					
103	24	1			L-54,56,58					
104	EXHAUSTER	1/2	120	1	L-72	1	30	SEE NOTE 6		INCLUDE MOTORS 109 & 116 ON SAME CKT W/FAN
105					L-73					107 & 110
106					L-74					108 & 112
107-116	BURNERS				SEE PLAN					
117	EXHAUSTER	1/2			L-75	1	30			INCLUDE MOTORS 113 & 114 ON SAME CKT W/FAN
118		1/2			L-76					111 & 115
119	EF-24	1	208	3	L-55,57,59	3	20	MAGNETIC STARTER		
120	22	1/2			L-60,62,64					
121	22				L-61,63,65					
122	22				L-66,68,70					
123	22				L-67,69,71					

SYMBOLS

- FLUORESCENT FIXTURE
- INCANDESCENT OR HIGH PRESSURE SODIUM FIXTURE-CEILING OR WALL; -RECESSED
- SINGLE POLE SWITCH
- 3 WAY SWITCH
- 4 WAY SWITCH
- SWITCH & RECEPTACLE IN SAME OUTLET BOX
- SWITCH & PILOT LIGHT
- KA CONTROL FOR RELAY
- 120V DUPLEX GROUNDED RECEPTACLE
- OUTLET FOR REEL DEVICE (BY OWNER) INSTALLED BY E.C.
- 30A FUSED SAFETY SWITCH & GROUNDED RECEPT. 208V, 3Φ, 4W FOR OWNERS EQUIP. (FUSETRONS AS REQUIRED)
- JUNCTION BOX
- TELE POWER POLE
- CLOCK OUTLET
- MOTOR OR SPECIAL OUTLET
- CONTROL FOR MOTOR AND/OR STARTER
- TELEPHONE OUTLET, STUB ¾"C INTO CEILING UNLESS NOTED OTHERWISE
- HORN SPEAKER
- RECESSED CEILING SPEAKER
- RECESSED WALL SPEAKER
- 2 GANG BLANK BOX FOR OWNER RADIO EQUIPMENT STUB ¾"C INTO CEILING
- FIRE ALARM STATION
- FIRE ALARM SIGNAL
- FACP FIRE ALARM CONTROL PANEL
- TRANSFORMER
- TTC TELEPHONE TERMINAL CABINET
- TE TELEPHONE EQUIPMENT
- EWC ELECTRIC WATER COOLER
- TS TIME SWITCH
- WP WEATHER PROOF
- EC ELECTRICAL CONTRACTOR
- MG&E MADISON GAS & ELECTRIC
- FSS FUSED SAFETY SWITCH
- 440V GRD. RECEPTACLES FOR OWNERS WELDER

FIXTURE SCHEDULE

TYPE	LAMPS NO	LAMPS DSG. ABB	DESCRIPTION	MAKE	CATALOG NO	FINISH	SHIELDING	MOUNTING
A	4	F40WW	24"x48" LAY IN TROFFER	DAY-BRITE MILLER KEYSTONE	246R4RA GT-A192-B4 2GR440-1L	WHITE ENAMEL	PRISM. ACRYLIC	RECESS
A1	2	F40WW/U	24"x24" LAY IN TROFFER	DAY-BRITE MILLER KEYSTONE	226R2UA GT-2672-B2 UGR240-AL			
A2	2	F40WW	12"x48" LAY-IN TROFFER	DAY-BRITE MILLER KEYSTONE	14GR2RA GS-2192-B4 6R240-AL			
B	2	F40WW	48" MOISTURE PROOF UNIT	DAY-BRITE MILLER KEYSTONE	WR41241 KW2100-04 LU-240			CEILING
E	2	F40WW	48" INDUSTRIAL UNIT	DAY-BRITE MILLER KEYSTONE	R-41252-4 IL-2101-04 KP240-V	WHITE ENAMEL	PRISM. ACRYLIC	SWIVEL HANGER & STEM
F	2	F96PG17/CW	96" INDUSTRIAL UNIT	DAY-BRITE MILLER KEYSTONE	R-71252-CO-8 IL2501-08 KP296-PG-V			
F1	2	F48PG17/CW	48" INDUSTRIAL UNIT	DAY-BRITE MILLER KEYSTONE	R-71252-4 IL2501-04 KP248-PG-V			
G	1	200A	LOBAY UNIT	HOLOPHANE	684	ALUMINUM	GLASS REFLECTOR	
H	1	LU150/BU	VEHICLE STORAGE UNIT	LANDMARK MILLER SYLVANIA	HB6035-150HPS HL-152-IH-208 W-12-W-150U-208-HI		AZAK REFLECTOR	
J	1		EXTERIOR DOWNLIGHT	KURT VERSEN KIRLIN MARCO	Q424-150120-HPS-DL 221-15-45-46-150HPS MS23-T1257-HPS-EXT.		PRISM. GLASS	RECESS
K	1		EXTERIOR BRACKET *(INDICATES FIXTURE W/BUILT-IN PHOTOCELL)	AAL MCPHILBEN	ALS17GB-150HPS 15B-322/150HPS	BLACK		WALL, EXACT LOCATION & HEIGHT TO BE VERIFIED ON JOB SITE W/ARCH BEFORE ROUGHING-IN.
L	1	200A	EXPLOSION PROOF UNIT	CROUSE HINDS APPLETON	EVCX220 AAC2075	ALUMINUM	CLEAR GLASS	SWIVEL HANGER & STEM
M	1	200A	BRACKET	CROUSE HINDS APPLETON	VXHF226 VPW1075			WALL
X	W/FIXTURE		EXIT	MOLDCAST MILLER DEVINE	421-R ST1201 UB1205R	ALUMINUM	METAL STENCIL	CEILING
X1			EXIT	MOLDCAST MILLER DEVINE	401-R SB1201 UB1205R			WALL

NOTES

1. ALL MAGNETIC STARTERS SHALL BE ALLEN-BRADLEY BUL. 712 COMBINATION NON FUSED WITH 3 OVER LOADS FUSED CONTROL X-MFR, HOA, PILOT & AUX. CONTACTS AS REQUIRED FOR INTERLOCKING
2. ALL FUSED DISCONNECT SWITCHES SHALL FUSITRONS, SIZED PER CODE
3. ALL DISCONNECT SWITCHES & STARTERS SHALL BE LOCATED TO SUIT EQUIPMENT SERVED FOR CONVENIENT ACESS & CODE REQUIREMENTS
4. CRANE MOTORS 18, 19 & 20: COORDINATE EXACT LOCATION OF JUNCTION BOX AT CRANE RUN-WAY WITH CRANE SUPPLIER. WIRING FROM JUNCTION BOX TO CRANE RUN-WAY BY CRANE SUPPLIER. PROVIDE JUNCTION BOX & FSS FOR EACH LOCATION
5. OVER HEAD MOTOR 1 THRU 17: INCLUDE ALL REQUIRED CONTROL WIRING INCLUDING INTERLOCKING OF LIMIT SWITCHES. PROVIDE FSS FOR EACH LOCATION.
6. RADIENT HEATERS & RELATED EXHAUSTERS. COORDINATE ALL REQUIRED WIRING, JUNCTION BOXS & FUSED SWITCHS (SWITCH & FUSESTAT) WITH MECHANICAL DRAWINGS (SHEET H-5) & SPECIFICATIONS. INCLUDE ALLEN-BRADLEY 600 TAX4 MANUAL STARTER FOR EACH EXHAUSTER.
7. ALL STARTERS SHALL BE ALLEN-BRADLEY OR EQUIVALENT ITE, SQUARE'D' OR CUTLER HAMMER.

POTTER LAWSON AND PAWLOWSKY INC. AIA
ARCHITECTURE, ENGINEERING, PLANNING, INTERIOR DESIGN, CONSTRUCTION MANAGEMENT
2422 UNIVERSITY AVENUE MADISON, WISCONSIN 53705 608-238-7144

East Side Public Works Maintenance Facility . . Phase 1
4602 sycamore ave. madison, wisconsin
owner: city of madison

SCHEDULES & RISERS

PROJECT NO.	7610
DRAWN BY:	
CHECKED BY:	
DATE:	11/17/76

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