WKE

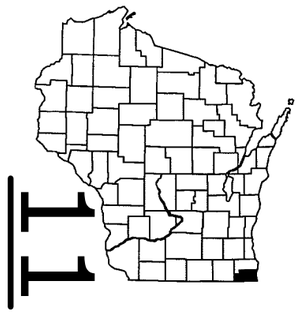
July 2014

PROJECT ID: 1030-31-71

COUNTY: KENOSHA

ORDER OF SHEETS

TOTAL SHEETS = 32



N

DESIGN DESIGNATION

A.A.D.T.	N/A	= N/A
A.A.D.T.	N/A	= N/A
D.H.V.		= N/A
D.D.		= N/A
T.		= N/A
DESIGN SPEED		= N/A
ESALS		= N/A

CONVENTIONAL SYMBOLS

PLAN

- CORPORATE LIMITS
- PROPERTY LINE
- LOT LINE
- LIMITED HIGHWAY EASEMENT
- EXISTING RIGHT OF WAY
- PROPOSED OR NEW R/W LINE
- SLOPE INTERCEPT
- REFERENCE LINE
- EXISTING CULVERT
- PROPOSED CULVERT (Box or Pipe)
- COMBUSTIBLE FLUIDS (CAUTION)
- MARSH AREA
- WOODED OR SHRUB AREA

PROFILE

- GRADE LINE
- ORIGINAL GROUND
- MARSH OR ROCK PROFILE (To be noted as such) (ROCK)
- SPECIAL DITCH (LABEL)
- GRADE ELEVATION (95.36)
- CULVERT (Profile View)

UTILITIES

- ELECTRIC (E)
- FIBER OPTIC (FO)
- GAS (G)
- SANITARY SEWER (SAN)
- STORM SEWER (SS)
- TELEPHONE (T)
- WATER (W)
- UTILITY PEDESTAL
- POWER POLE
- TELEPHONE POLE

STATE OF WISCONSIN

DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

NS FREEWAY, REST AREA 26

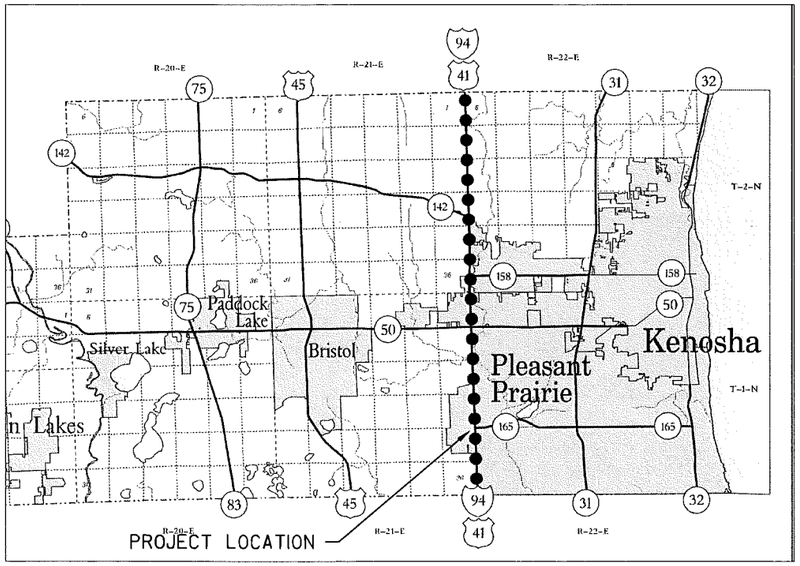
SAFETY REST AREA IMPROVEMENTS

NON HIGHWAY

KENOSHA

STATE PROJECT NUMBER
1030-31-71

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1030-31-71	———	———



LAYOUT

SCALE 0

TOTAL NET LENGTH OF CENTERLINE =

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COUNTY COORDINATES, COUNTY COUNTY, NAD83 (YEAR), IN U.S. SURVEY FEET. VALUES ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES MAY BE USED AS GROUND DISTANCES.

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY

Surveyor	
Designer	R SCHMALE
Project Manager	R SCHMALE
Regional Examiner	
Regional Supervisor	D MULDER

APPROVED FOR THE DEPARTMENT

DATE: 1/29/14 (Signature)

E

GENERAL NOTES

DISTURBED AREAS WITHIN THE CONSTRUCTION LIMITS ARE TO BE SEEDED, FERTILIZED AND MULCHED AS NOTED ON THE PLANS AND AS DIRECTED BY THE ENGINEER. STAGING AREAS USED BY THE CONTRACTOR SHALL BE RESTORED AT THE CONTRACTORS EXPENSE.

SEED MIX 40 SHALL BE USED ON ALL DISTURBED AREAS.

THE LOCATION OF EXISTING UTILITIES HAS NOT BEEN SHOWN ON THE PLANS. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT DIGGERS HOTLINE PRIOR TO BEGINNING ANY WORK ON THE SITE.

NO TREES OR SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

LEGEND

- ###### EROSION MAT CLASS I, TYPE A OR B
- EROSION MAT CLASS II OR III (EXCEPT II, TYPE A)
- SOD
- SOD, REINFORCED W/ EROSION MAT CLASS II, TYPE A
- SILT FENCE
- EROSION BALE, BARRIER
- DITCH DIKE
- RIP RAP OR STONE DITCH CHECK
- INTERCEPTING EMBANKMENT
- SLOPE INTERCEPT
- ASPH ASPHALTIC FLUME
- CONC CONCRETE FLUME
- SHEET PILING
- TURBIDITY BARRIER
- SILT SCREEN
- INLET PROTECTION
- TEMPORARY DITCH CHECK
- CULVERT PIPE DITCH CHECK
- TSB TEMPORARY SEDIMENT BASIN
- SURFACE WATER FLOW

UTILITY CONTACTS

MR. LATROY BRUMFIELD, PROJECT MANAGER
WE ENERGIES (ELECTRIC/GAS)
333 W. EVERETT ST - A299
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
LATROY.BRUMFIELD@WE-ENERGIES.COM

MR. JEFF MADSON
WISDOT STOC
433 W ST. PAUL AVE., STE 300
MILWAUKEE, WI 53203 3007
PHONE: (414) 225-3723
JEFFREY.MADSON@DOT.WI.GOV

MR. DENNIS HAAG
CENTURYLINK
144 N PEARL STREET
BERLIN, WI 54923
PHONE: (920) 361-0040
DENNIS.HAAG@CENTURYTEL.COM

MR. CLIFF SEROWSKI
WISDOT ATR PULL BOXES
935 S. 60TH STREET
WEST ALLIS, WI 53214
PHONE: (414) 266-1157
CLIFFORD.SEROWSKI@DOT.WI.GOV

MR. ERIC PEREA, SE REGION LIGHTING ENGINEER
WISDOT TRAFFIC LIGHTING
141 NW BARSTOW ST.
WAUKESHA, WI 53187 0798
PHONE: (262) 548-5422
ERIC.PEREA@DOT.WI.GOV

MR RICHARD TRGOVEC, OSP ENGINEER
MIDWEST FIBER NETWORKS
3701 W. BURNHAM STREET, STE C
MILWAUKEE, WI 53215
PHONE: (414) 672-5612
RTRGOVEC@MIDWESTFIBERNETWORKS.COM

MR. RYAN OSNESS, DETAILER
FRONTIER - WISCONSIN
118 DIVISION STREET
PLYMOUTH, WI 53073
PHONE: (920) 893-7455
RYAN.D.OSNESS@FTR.COM

CONTACTS

WDNR CONTACT
CRAIG WEBSTER
DNR SERVICE CENTER
141 NW BARSTOW STREET
WAUKESHA, WI 53188
(262) 574-2141
CRAIG.WEBSTER@WISCONSIN.GOV

WISDOT MAINTENANCE - KENOSHA COUNTY
ADRIAN LOPEZ
141 NW BARSTOW
WAUKESHA WI 53187
(262) 548-64441
ADRIAN.LOPEZ@DOT.WI.GOV

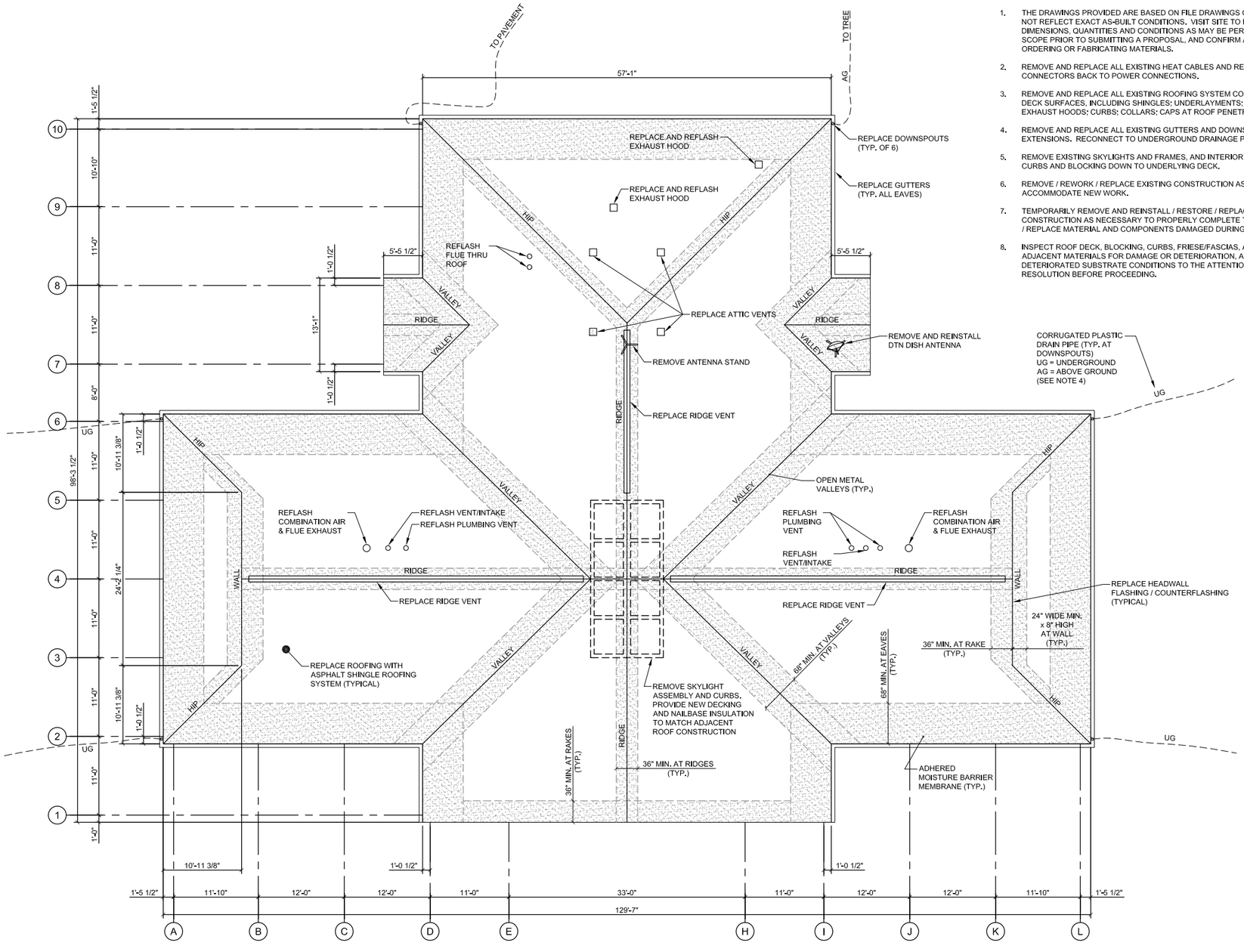
REST AREA MAINTENANCE
KENOSHA ACHIEVEMENT CENTER
10519 120TH AVE
PLEASANT PRAIRIE, WI 53158
(262) 857-6848

KENOSHA COUNTY HIGHWAY DEPARTMENT
GARY SIPSMA, HIGHWAY COMMISSIONER
19600 75TH ST, SUITE 122-1
BRISTOL, WI 53104
(262) 857-1870
GARY.SIPSMA@KENOSHACOUNTY.ORG

WISDOT DESIGNER CONTACT
RICHARD SCHMALE
4802 SHEBOYGAN AVE, RM 501
PO BOX 7986
MADISON, WI 53707
(608) 266-7231
RICHARD.SCHMALE@DOT.WI.GOV

DIGGERS HOTLINE
Dial 811 or (800) 242-8511
www.DiggersHotline.com

PROJECT NO: 1030-31-71	HWY: REST AREA 26	COUNTY: KENOSHA	PLAN: GENERAL NOTES	SHEET 2	E



ROOFING REPLACEMENT NOTES:

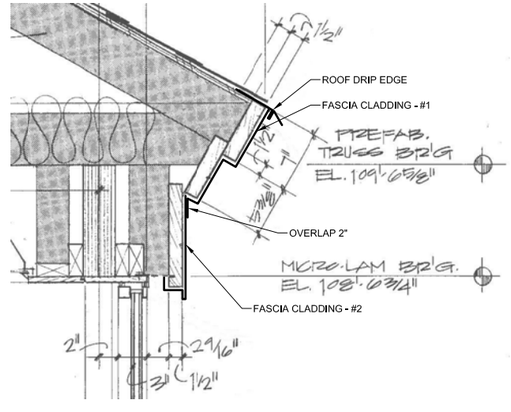
1. THE DRAWINGS PROVIDED ARE BASED ON FILE DRAWINGS OF THE BUILDING, BUT MAY NOT REFLECT EXACT AS-BUILT CONDITIONS. VISIT SITE TO FIELD VERIFY ANY DIMENSIONS, QUANTITIES AND CONDITIONS AS MAY BE PERTINENT TO THE WORK SCOPE PRIOR TO SUBMITTING A PROPOSAL, AND CONFIRM AS APPROPRIATE PRIOR TO ORDERING OR FABRICATING MATERIALS.
2. REMOVE AND REPLACE ALL EXISTING HEAT CABLES AND RELATED HARDWARE AND CONNECTORS BACK TO POWER CONNECTIONS.
3. REMOVE AND REPLACE ALL EXISTING ROOFING SYSTEM COMPONENTS DOWN TO ROOF DECK SURFACES, INCLUDING SHINGLES; UNDERLAYMENTS; FLASHING; ATTIC VENTS; EXHAUST HOODS; CURBS; COLLARS; CAPS AT ROOF PENETRATIONS; ETC.
4. REMOVE AND REPLACE ALL EXISTING GUTTERS AND DOWNSPOUTS, AND DRAINAGE PIPE EXTENSIONS. RECONNECT TO UNDERGROUND DRAINAGE PIPES.
5. REMOVE EXISTING SKYLIGHTS AND FRAMES, AND INTERIOR SHADES, AND ASSOCIATED CURBS AND BLOCKING DOWN TO UNDERLYING DECK.
6. REMOVE / REWORK / REPLACE EXISTING CONSTRUCTION AS NECESSARY TO ACCOMMODATE NEW WORK.
7. TEMPORARILY REMOVE AND REINSTALL / RESTORE / REPLACE ADJACENT CONSTRUCTION AS NECESSARY TO PROPERLY COMPLETE THE WORK. FULLY RESTORE / REPLACE MATERIAL AND COMPONENTS DAMAGED DURING TEMPORARY REMOVAL.
8. INSPECT ROOF DECK, BLOCKING, CURBS, FRIESE/FASCIAS, AND OTHER UNDERLYING OR ADJACENT MATERIALS FOR DAMAGE OR DETERIORATION, AND BRING ANY DETERIORATED SUBSTRATE CONDITIONS TO THE ATTENTION OF THE OWNER FOR RESOLUTION BEFORE PROCEEDING.
9. INSPECT, RESET, REPLACE AND SUPPLEMENT EXISTING FASTENERS IN UNDERLYING CONSTRUCTION (DECKING, BLOCKING, CURBS, FRIESE/FASCIAS, ETC.) AS NECESSARY TO ENSURE THEY ARE PROPERLY ALIGNED AND SECURED TO SUPPORTING CONSTRUCTION AND FREE OF PROJECTIONS, GAPS OR EDGES THAT MAY ADVERSELY AFFECT INSTALLATION OR PERFORMANCE OF THE NEW MATERIALS.
10. PROVIDE WRITTEN INSPECTION REPORT ACKNOWLEDGING COMPLETION OF SPECIFIED SUBSTRATE INSPECTION AND PREPARATION, AND SUITABILITY OF SUBSTRATE FOR INSTALLATION OF NEW MATERIALS.
11. PROVIDE A COMPLETE NEW FULLY WARRANTED ASPHALT SHINGLE ROOFING SYSTEM INCLUDING:
    - 11.A. ADHERED MOISTURE BARRIER MEMBRANE MINIMUM 68" WIDE AT EAVES; MINIMUM 36" WIDE AT OTHER EDGES; MINIMUM 68" WIDE (CENTERED) AT VALLEYS, MINIMUM 36" WIDE AT RIDGES; MINIMUM 24" OUT AND 8" VERTICAL ALONG WALLS. 30# FELT UNDERLAYMENT ELSEWHERE, LAPPED 2" MIN. TO PROVIDE A NATURALLY SHEDDING CONTINUOUS BARRIER BELOW THE SHINGLES. INSTALL OVER DRIP EDGE AT EAVES; UNDER DRIP EDGE AT RAKES.
    - 11.B. FIBERGLASS ROOF SHINGLE SYSTEM, COMPLETE WITH ALL RELATED FLASHING, COUNTERFLASHING, TRIM, DRIPEDGE, CLOSURES, VENTS, VENTCAPS, AND OTHER INCIDENTALS IN FULL ACCORDANCE WITH MFR'S RECOMMENDED / WARRANTED DETAILS FOR ACTUAL PROJECT CONDITIONS. PROVIDE OPEN METAL VALLEYS WITH PREFINISHED 26GA, GALVALUME 24" WIDE VALLEY FLASHING WITH CENTER RIB; COLOR TO MATCH SHINGLES; 10' LENGTHS, OVERLAP JOINTS 12" AND SEAL. NAILS 8" MIN. FROM CENTER. PROVIDE STEP FLASHING WITH REGLET COUNTERFLASHING AT ADJACENT WALLS TO REPLICATE EXISTING. ALL EXPOSED METAL FLASHING SHALL BE PREFINISHED DARK BRONZE.
    - 11.C. PREFINISHED METAL GUTTERS CONTINUOUS IN MAXIMUM POSSIBLE LENGTHS WITH JOINTS SEALED, ALONG CURRENTLY GUTTERED BUILDING EAVES, WITH CUSTOM PROFILE TO MATCH ORIGINAL DETAIL 4/A19.
    - 11.D. PREFINISHED METAL DOWNSPOUTS IN SAME SIZE AND LOCATION AS EXISTING, WITH 6'-0" LATERAL EXTENSION AT BOTTOM.
    - 11.E. NEW ROOF EXHAUST HOODS AND NEW FLASHING AT ALL ROOF PENETRATIONS.
    - 11.G. NEW CONTINUOUS ATTIC VENTS FULL LENGTH OF ALL RIDGES AND HIPS, WITH INTERNAL INSECT SCREENS.
    - 11.H. REMOVE, REWORK OR REPLACE ADJACENT MATERIALS AS NECESSARY TO ACCOMMODATE THE NEW ROOF SYSTEM, PROVIDE A WATERTIGHT SYSTEM, MAINTAIN ORIGINAL APPEARANCE AND MEET MFR'S WARRANTIES.
12. REMOVE EXISTING SKYLIGHT ASSEMBLY AND RELATED CURBS AND BLOCKING.
    - 12.A. INFILL OPENING WITH 1 1/2" SOLID T&G WOOD DECKING SPANNING ACROSS EXISTING PURLINS. MATCH MATERIAL, FINISH AND APPEARANCE OF EXISTING ADJACENT WOOD DECKING.
    - 12.B. PROVIDE NAILBASE INSULATION OVER WOOD DECKING TO MATCH THICKNESS OF EXISTING ADJACENT ROOF CONSTRUCTION. NAILBASE SHALL BE RIGID ASTM C1289 TYPE V POLYISOCYANURATE INSULATION FACTORY BONDED TO MIN. 19/32" APA RATED PS2 CDX PLYWOOD. VERIFY4" OVERALL THICKNESS TO MATCH EXISTING.
13. PROVIDE NEW ROOF DRIP EDGE AND 2-PIECE FASCIA CLADDING PER ATTACHED DETAIL BELOW FOR ALL PERIMETER CONDITIONS. FIELD VERIFY FINAL DIMENSIONS AND MODIFY AS NEEDED FOR ACTUAL LOCAL CONDITIONS.

5/8-INCH PLYWOOD DECKING	
LOCATION	SPV.0165
UNDISTRIBUTED	640 SF

APPROXIMATE EXISTING CONDITIONS ARE SHOWN. SEE ROOFING REPLACEMENT NOTES AND SPECIFICATIONS FOR REQUIREMENTS FOR NEW WORK.

PLAN NORTH

1 ROOF REPLACEMENT PLAN
1/8" = 1'-0"
0 4' 8' 16'

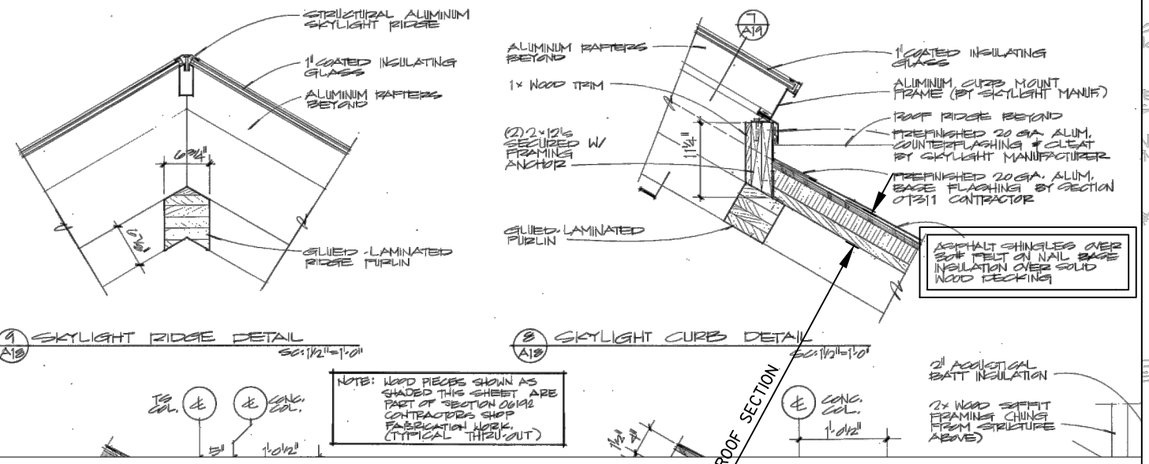


2 FASCIA REPLACEMENT DETAIL
1 1/2" = 1'-0"

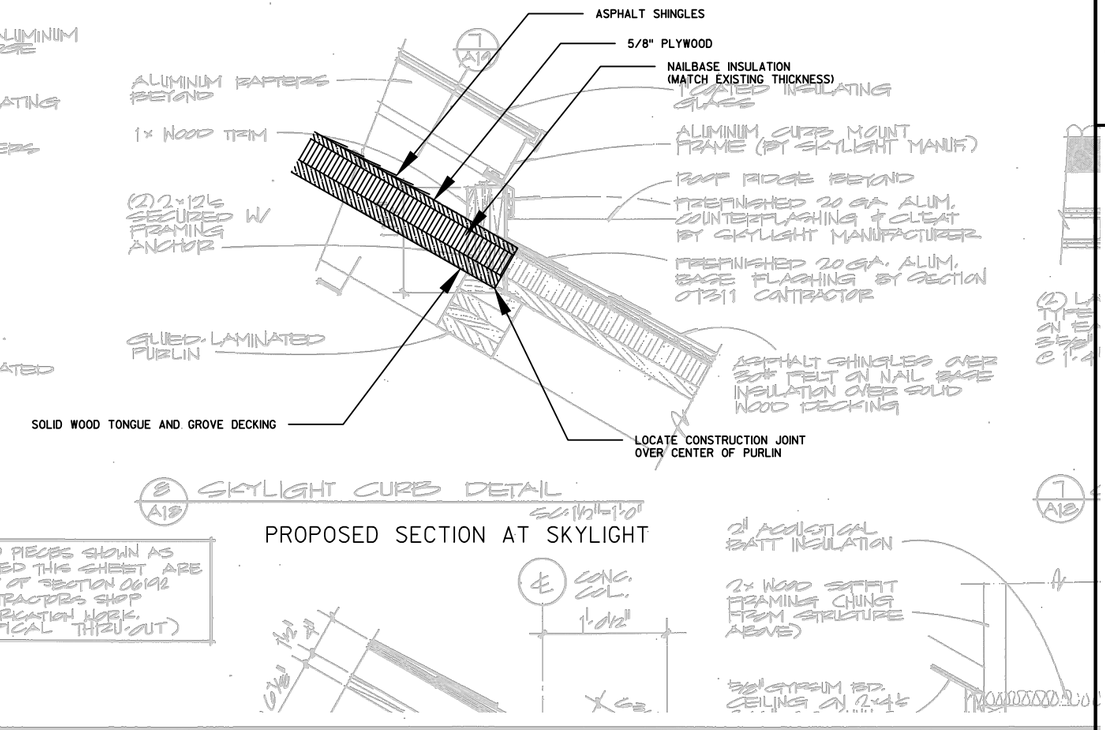
A–101

PROJECT NO:1030–31–71	HWY:REST AREA 26	COUNTY:KENOSHA	ROOF REPLACEMENT PLAN	SHEET 3	E

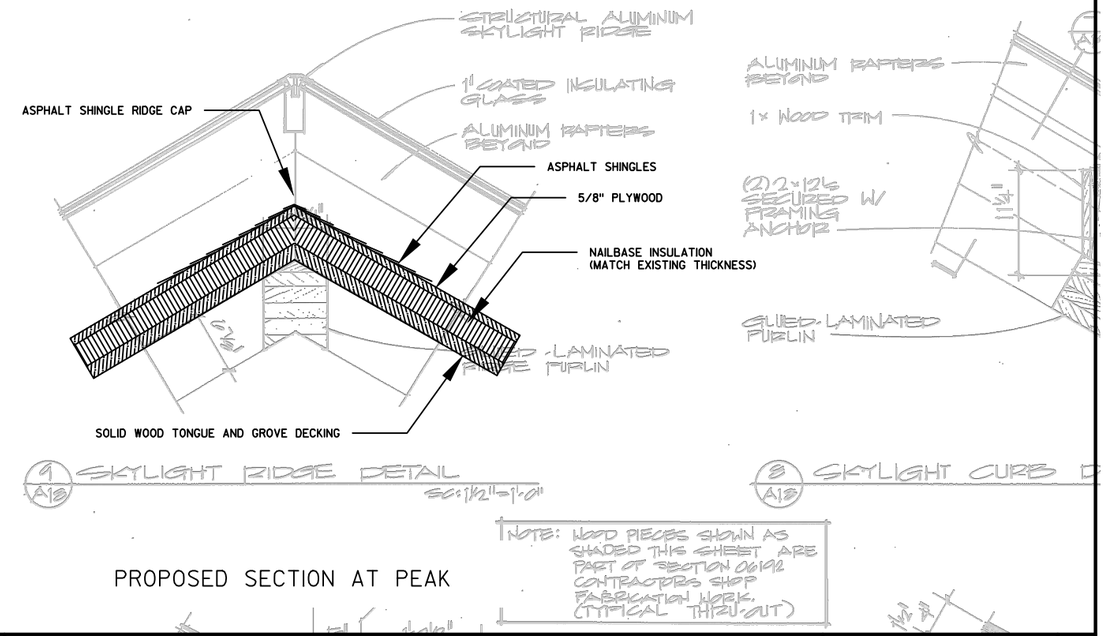
2



EXISTING SECTIONS AT SKYLIGHT



PROPOSED SECTION AT SKYLIGHT



PROPOSED SECTION AT PEAK

PROJECT NO: 1030-31-71	HWY: REST AREA 26	COUNTY: KENOSHA	SKYLIGHT REMOVAL DETAIL	SHEET 4	E

DATE 09MAY14 E S T I M A T E O F Q U A N T I T I E S

LINE NUMBER	ITEM	ITEM DESCRIPTION	UNIT	TOTAL	1030-31-71 QUANTITY
0010	619.1000	MOBILIZATION	EACH	1.000	1.000
0020	SPV.0105	SPECIAL 01. REST AREA 26 REMOVING SKYLIGHT	LS	1.000	1.000
0030	SPV.0105	SPECIAL 02. REST AREA 26 ASPHALT SHINGLE ROOF REPLACEMENT	LS	1.000	1.000
0040	SPV.0165	SPECIAL 01. 5/8-INCH PLYWOOD DECKING	SF	640.000	640.000

3

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

I-94

STATE LINE TO MILWAUKEE ROAD

WISCONSIN INFORMATION CENTER (BUILDING)

KENOSHA COUNTY

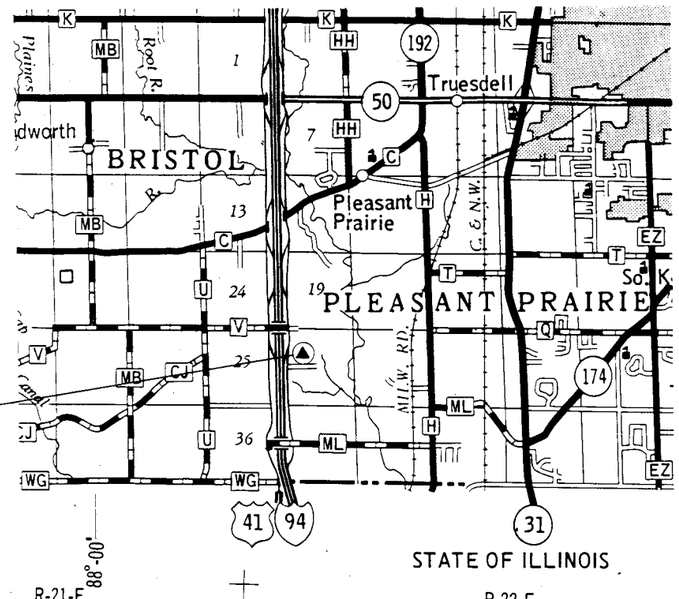
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1032-07-73	IR 94-6(64) 346	1

INDEX OF SHEETS

TOTAL SHEETS = 57

STATE PROJECT NUMBER

1032-07-73



BUILDING SITE

X = 552,820

Y = 197,200

LAYOUT

SCALE 0 MI.

TOTAL NET LENGTH OF CENTERLINE = 0.00 MI.

ALL COORDINATES ON THIS PLAN ARE REFERENCED TO THE WISCONSIN GRID COORDINATE SYSTEM, SOUTH ZONE.

DESIGN DESIGNATION

A.D.T.	=
A.D.T.	=
D.H.V.	=
D.	=
T.	=
V.	=

CONVENTIONAL SIGNS

COUNTY LINE		COMBUSTIBLE FLUIDS (UNDER PRESSURE)	CAUTION
CORPORATE LIMITS		UNDERGROUND UTILITIES	
PROPERTY LINE		GAS	G
LOT LINE		ELECTRIC	E
LIMITED HIGHWAY EASEMENT		TELEPHONE	T
EXISTING RIGHT OF WAY		SERVICE PEDESTAL	
NEW RIGHT OF WAY		CABLE MARKER	P
REFERENCE LINE		POWER POLE	
SLOPE INTERCEPT		TELEPHONE POLE	
ORIGINAL GROUND		RAILROADS	
MARSH OR ROCK PROFILE		MARSH	
CULVERT IN PLACE		WOODED AREA	
CULVERT REQUIRED			
CULVERT REQUIRED (Profile)			

INDEX TO DRAWINGS

SITE PLANS

SITE UTILITIES

ARCHITECTURAL

STRUCTURAL

HVAC

PLUMBING

ELECTRICAL

REFERENCE DRAWINGS FROM ORIGINAL CONSTRUCTION

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

ORIGINAL PLANS PREPARED BY:

PSI DESIGN/ ARCHITECTS

BIG BEND, WISCONSIN

WISCONSIN DANIEL P. CHRISTIANSEN 3867 WAUWATOSA, WI ARCHITECT 3.15.90

March 15, 1990

DATE SIGNATURE

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

Surveyor _____ District Checker _____

Designer _____ C.O. Plan Examiner _____

District Supervisor _____ C.O. Coordinator _____

APPROVED:

DATE: 3/28/90 Paul J. Christianson for CHIEF UTILITIES ENGINEER

APPROVED:

DATE: 3/20/90 Robert W. Berg for STATE DESIGN ENGINEER FOR HWYS.

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
REGION 5 WISCONSIN DIVISION

APPROVED:

DATE: _____ _____ DIVISION ADMINISTRATOR

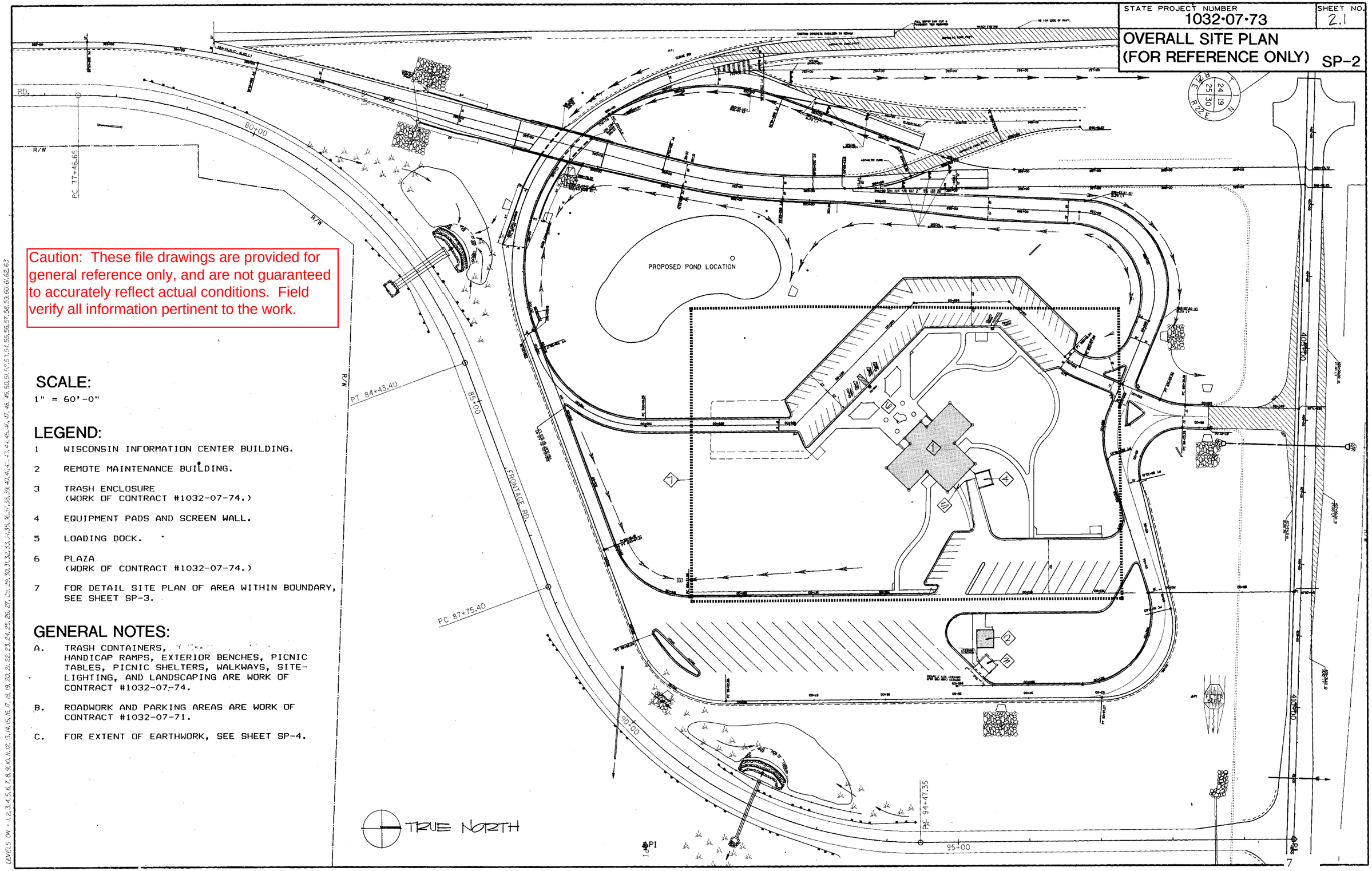
WISDOT VEHICLE NO. 10

1032-7-73 Kenosha

May

STATE PROJECT NUMBER 1032-07-73 | SHEET NO. 2.1

OVERALL SITE PLAN (FOR REFERENCE ONLY) SP-2



Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

SCALE:

1" = 60'-0"

LEGEND:

1 WISCONSIN INFORMATION CENTER BUILDING.

2 REMOTE MAINTENANCE BUILDING.

3 TRASH ENCLOSURE
(WORK OF CONTRACT #1032-07-74.)

4 EQUIPMENT PADS AND SCREEN WALL.

5 LOADING DOCK.

6 PLAZA
(WORK OF CONTRACT #1032-07-74.)

7 FOR DETAIL SITE PLAN OF AREA WITHIN BOUNDARY, SEE SHEET SP-3.

GENERAL NOTES:

A. TRASH CONTAINERS, HANDICAP RAMPS, EXTERIOR BENCHES, PICNIC TABLES, PICNIC SHELTERS, WALKWAYS, SITE-LIGHTING, AND LANDSCAPING ARE WORK OF CONTRACT #1032-07-74.

B. ROADWORK AND PARKING AREAS ARE WORK OF CONTRACT #1032-07-71.

C. FOR EXTENT OF EARTHWORK, SEE SHEET SP-4.

FILE NAME: HDGN:DE KENOSHA:WICEC1.DGN

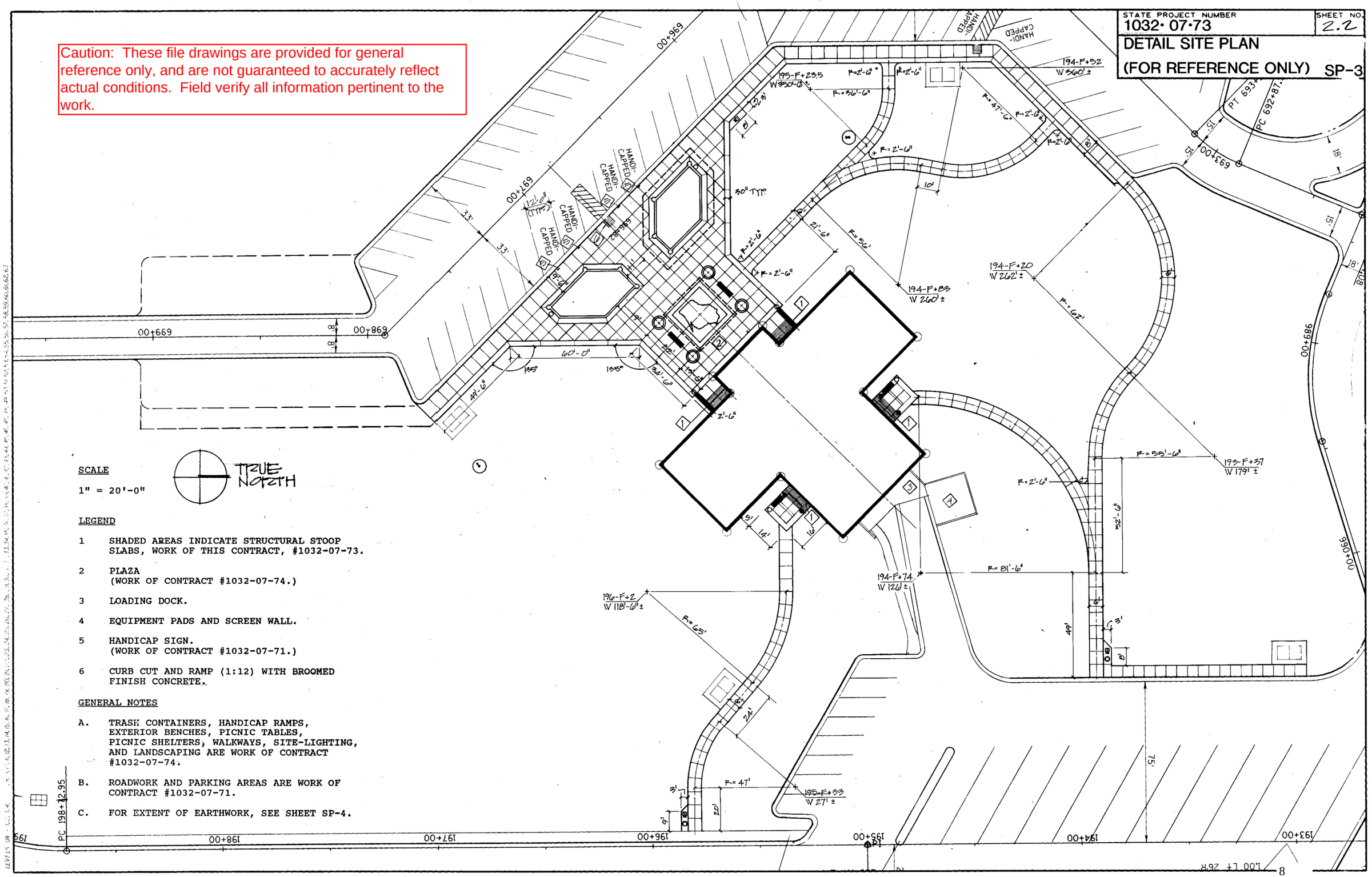
Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

STATE PROJECT NUMBER
1032-07-73

SHEET NO.
2.2

DETAIL SITE PLAN
(FOR REFERENCE ONLY)

SP-3



SCALE

1" = 20'-0"

TRUE NORTH

LEGEND

1 SHADED AREAS INDICATE STRUCTURAL STOOP SLABS, WORK OF THIS CONTRACT, #1032-07-73.

2 PLAZA
(WORK OF CONTRACT #1032-07-74.)

3 LOADING DOCK.

4 EQUIPMENT PADS AND SCREEN WALL.

5 HANDICAP SIGN.
(WORK OF CONTRACT #1032-07-71.)

6 CURB CUT AND RAMP (1:12) WITH BROOMED FINISH CONCRETE.

GENERAL NOTES

A. TRASH CONTAINERS, HANDICAP RAMPS, EXTERIOR BENCHES, PICNIC TABLES, PICNIC SHELTERS, WALKWAYS, SITE-LIGHTING, AND LANDSCAPING ARE WORK OF CONTRACT #1032-07-74.

B. ROADWORK AND PARKING AREAS ARE WORK OF CONTRACT #1032-07-71.

C. FOR EXTENT OF EARTHWORK, SEE SHEET SP-4.

PLOT SCALE:
PLOT NAME:
REV. DATE: 4/10/90
ORIGINATOR:
LEVELS ON: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63

FILE NAME: HDGN1

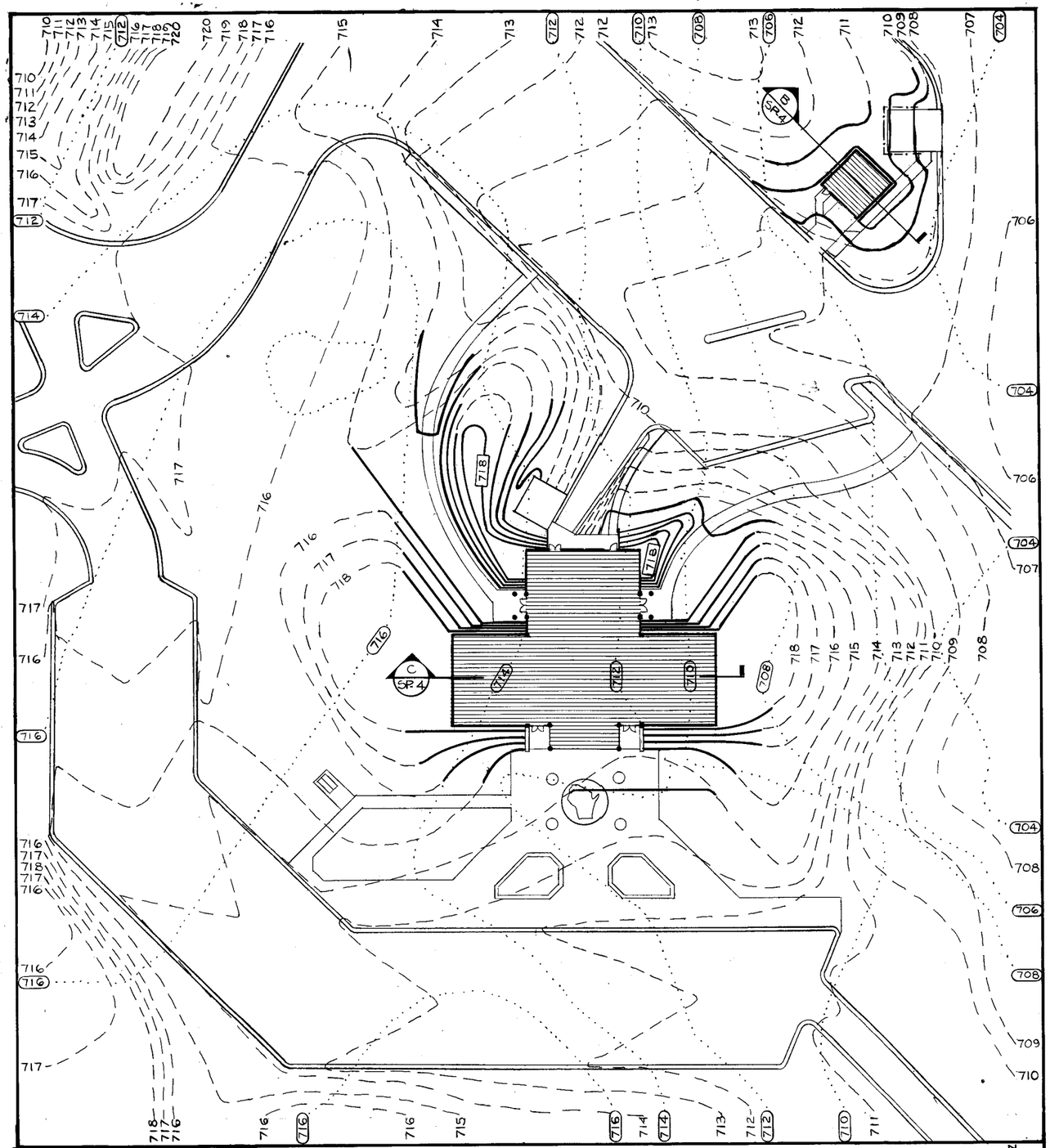
WISDOT/CADDS SHEET 42

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.3

SITE GRADING PLAN

SP-4

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



1 SP4 GRADING PLAN
1" = 30'-0"

CONTOURS:

(100) ..... CONTOURS OF UNDISTURBED SOIL.

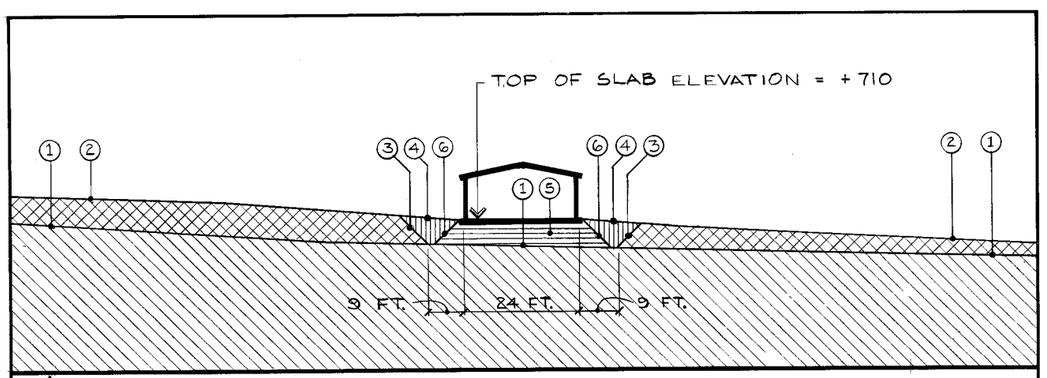
100 — — — — — CONTOURS OF GRADING WORK AS OF COMPLETION OF ROAD WORK CONTRACT, # 1032-07-71. SEE ALSO NOTE (3).

100 ——— PROPOSED CONTOURS AS OF COMPLETION OF THIS CONTRACT, # 1032-07-73.

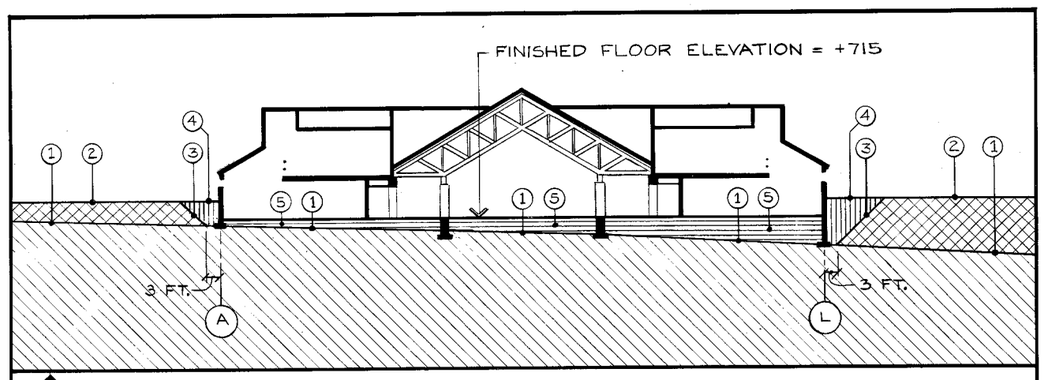
NOTES:

1. UNDISTURBED SOIL.
2. GRADES AS OF COMPLETION OF ROAD WORK CONTRACT, #1032-07-71.
3. ONE IN ONE SLOPE AROUND ENTIRE PERIMETER OF BUILDING. (THIS IS NOT INDICATED ON GRADING PLAN FOR REASON OF GRAPHIC CLARITY.)
4. BACKFILL: WORK OF THIS CONTRACT, #1032-07-73.
5. ENGINEERED FILL: WORK OF THIS CONTRACT, #1032-07-73.
6. PROVIDE SLOPE OF ONE TO ONE FOR ENGINEERED FILL AT ENTIRE FOUNDATION PERIMETER.
7. SEE DETAIL 7/A20 FOR DRAIN TILE WORK

A SP.4 KEY



B SP4 EARTHWORK SECTION DIAGRAM
REMOTE MAINTENANCE BUILDING



C SP.4 EARTHWORK SECTION DIAGRAM
WISCONSIN INFORMATION CENTER BUILDING

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

STATE PROJECT NUMBER	SHEET NO.
1032-7-73	2.4

SITE PLAN U - 1

CURB CATCH BASIN
STA. 695 D + 39 34.5 LT
RIM: 713.74'
BOTTOM: 710.93'
IE (4" E) 712.00'

65± LF 4" CI DRAIN PIPE FROM DF-1 TO CATCH BASIN

DF-1

STA. 194+90 (325'W.) DRINKING FOUNTAIN SEE DETAIL IE (TOP) 716.00'±

70± L.F. ½" CPVC WATER SERVICE LINE TO DF-1 (3'-0" MIN. BURY)

STA. 196+80 (195'W.) DRINKING FOUNTAIN SEE DETAIL IE (TOP) 710.25±

DF-1

CURB CATCH BASIN
STA. 697 D+92 LT
RIM: 711.52'
BOTTOM: 707.00'
IE (4"E) 707.92'
25± L.F. 4" C.I. DRAIN PIPE FROM DF-1 TO CATCH BASIN

110± L.F. ½" CPVC WATER SERVICE LINE TO DF-1 (3'-0" MIN. BURY)

CLEANOUT TO GRADE
IE: 711.83'

150± L.F. 4" PVC STORM LINE

50± LF. 6" PVC SAN. SEWER

IE: 706.52

85± L.F. 3" WATER SERVICE LINE - 6'-0" MIN. BURY (TYPE "K" COPPER)

STA. 194+42 (114'W) 56° ± BEND

STA. 194+41 (102'W) 6"x3" REDUCER WITH 6" VALVE AND VALVE BOX

STA. 195+00 (105'W) MANHOLE
RIM: 711.00'±
IE: (6"W) 706.00'±
IE (8"E) 703.00'±

CURB CATCH BASIN
RIM: 707.99'
IE: (15"N) 704.88'
IE: (18"E) 704.75'
IE: (4"W) 704.88'

STA. 195+39 (13'W)

DECK DRAIN J.R. SMITH FIG. NO 2270YU

SUMP DRAIN

DRINKING FOUNTAIN

CONC. STEP

NEENAH NO. R6461-FH

DF-1

NEENAH NO. R6461-FH FRAME AND COVER

CONC. STEP 18" LONG x 10" WIDE x 10" HIGH ALL EDGES SHALL BE ROUNDED MIN 3/4"

DECK DRAIN

TOP

GRADE

MIN. BURY 3'-0"

2'-0"

4'-0"

6"

PITCH

KEY

4" C.I.

1/2" CPVC

SUMP DRAIN J.R. SMITH FIG. NO. 1520

RE. BARS #5 8" O.C. BOTH WAYS - ALL SIDES, TOP & BOTTOM

PLAN VIEW

ELEVATION

DRINKING FOUNTAIN DETAIL

NO SCALE

SITE PLAN

RING & DuCHATEAU, INC.
2900 North 117th Street
MILWAUKEE, WISCONSIN 53222
(414) 778-1700 FAX (414) 778-2360

JOSEPH E DU CHATEAU E-6682 MILWAUKEE WIS
WISCONSIN
PROFESSIONAL ENGINEER
3-13-90

PLOT SCALE:
PLOT NAME:
REV. DATE:
DESIGNATOR:
FILE NAME: MDGN:

INTERIOR WALL TYPES

(1) 3/8" CERAMIC WALL TILE THIN-SET ON ONE LAYER OF 1/2" TILE BACKER BOARD ON 3-5/8" GALVANIZED STEEL STUD FURRING 16" O.C. AND 3" EXTRUDED POLYSTYRENE BOARD INSULATION WITH VAPOR RETARDER INSTALLED ON THE INTERIOR SIDE OF THE STUDS.

(EXTEND WALL UP TO WINDOW SILL CONDITION 7'-0" A.F.F. AS INDICATED AT DETAIL 5/A17.)

(2) ONE LAYER OF 5/8" TYPE "X" GYPSUM BOARD ON 6" METAL STUD FURRING AT 2'-0" O.C. WITH 2" SPACE BETWEEN CONCRETE WALL AND STUDS AND 3" EXTRUDED POLYSTYRENE BOARD INSULATION WITH VAPOR RETARDER INSTALLED ON THE INTERIOR SIDE OF THE STUDS. TOTAL FURRING THICKNESS TO BE 8-5/8".

(EXTEND WALL UP TO WINDOW SILL CONDITION 7'-0" A.F.F. SIMILAR TO DETAIL 6/A17.)

(3) ONE LAYER OF 5/8" TYPE "X" GYPSUM BOARD ON 3-5/8" METAL STUD FURRING 2'-0" O.C. AND 3" EXTRUDED POLYSTYRENE BOARD INSULATION WITH VAPOR RETARDER INSTALLED ON THE INTERIOR SIDE OF THE STUDS.

(EXTEND WALL UP TO 7'-0" A.F.F. AS INDICATED AT DETAIL 6/A17.)

(4) 4-7/8" THICK WALL CONSTRUCTED OF ONE LAYER OF 5/8" GYPSUM BOARD ON ONE SIDE OF 3-5/8" METAL STUDS AT 2'-0" O.C. AND PLASTIC LAMINATE ON 1/2" PARTICLE BOARD ON OTHER SIDE.

(EXTEND WALL UP TO 8'-6" A.F.F. WITH WALL CAP AS INDICATED AT DETAIL 7/A24.)

(5) 5-1/4" THICK WALL CONSTRUCTED OF 3/8" CERAMIC WALL TILE THIN-SET ON ONE LAYER OF 1/2" TILE BACKER BOARD AT TOILET ROOM SIDE OF 3-5/8" METAL STUDS 1'-4" O.C AND 5/8" GYPSUM BOARD ON OTHER SIDE. INSTALL 2" ACOUSTICAL BATT INSULATION.

(EXTEND WALL UP TO 7'-0" A.F.F. AS INDICATED AT DETAIL 7/A17.)

(6) 5-1/4" THICK WALL CONSTRUCTED OF 3/8" CERAMIC WALL TILE THIN SET ON ONE LAYER OF 1/2" TILE BACKER BOARD AT TOILET ROOM SIDE OF 3-5/8" METAL STUDS 1'-4" O.C AND 5/8" GYPSUM BOARD ON OTHER SIDE. INSTALL 3-1/2" FIBERGLASS BATT INSULATION WITH VAPOR RETARDER ON INTERIOR SIDE OF THE STUDS.

(EXTEND WALL UP TO WINDOW SILL CONDITION 7'-0" A.F.F. SIMILAR TO DETAIL 7/A17.)

(7) 1'-2-3/4" THICK WALL CONSTRUCTED OF 3/8" CERAMIC WALL TILE THIN-SET ON ONE LAYER OF 1/2" TILE BACKER BOARD, ON TOILET ROOM SIDE, OVER TWO ROWS OF STAGGERED METAL STUDS 16" O.C. WITH 5/8" WATER-RESISTANT GYPSUM BOARD ON THE OTHER SIDE. TILE BACKER BOARD IS TO BE HELD FLUSH WITH THE FACE OF ADJACENT CONCRETE COLUMNS SO THAT THE TILE MAY BE LAID ON A CONTINUOUSLY FLAT SURFACE. INSTALL 2" ACOUSTICAL BATT INSULATION. SEE DETAIL 4/A21.

(EXTEND WALL UP TO 7'-0" ABOVE FINISHED FLOOR AS INDICATED ON DETAIL 4/A17.)

(8) 8-3/8" THICK WALL CONSTRUCTED OF 3/8" CERAMIC WALL TILE THIN SET ON EACH SIDE OF AN 8" NOMINAL (7-5/8") C.M.U. WALL.

(EXTEND WALL UP TO 7'-0" A.F.F. AS INDICATED AT DETAIL 8/A20.)

(9) 8" THICK WALL CONSTRUCTED OF VENEER PLASTER AND 3/8" CERAMIC WALL TILE THIN SET ON ONE SIDE OF AN 8" NOMINAL (7-5/8") C.M.U. WALL. REINFORCE AS INDICATED ON STRUCTURAL DRAWINGS.

(EXTEND WALL TO UP TO 17'-0" A.F.F. AS INDICATED AT DETAIL 1/A14.)

(10) ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE OF 3-5/8" METAL STUDS 2'-0" O.C. WITH 2" ACOUSTICAL BATT INSULATION.

(EXTEND WALL UP TO WITHIN 1" OF BOTTOM CHORD OF TRUSS AS INDICATED AT DETAIL 3/A9. LAY ACOUSTICAL BATT ON CEILING FOR 3'-0" EACH SIDE OF WALL.)

(11) ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE OF 3-5/8" METAL STUDS AT 2'-0" O.C.

(EXTEND WALL UP TO WITHIN 1" OF BOTTOM CHORD OF TRUSS AS INDICATED AT DETAIL 3/A9.)

(12) ONE LAYER OF 5/8" GYPSUM BOARD EACH SIDE OF 3-5/8" METAL STUDS 2'-0" O.C. AND 3-1/2" THERMAL BATT INSULATION WITH VAPOR RETARDER INSTALLED ON THE INTERIOR SIDE OF THE STUDS.

(EXTEND WALL UP TO 7'-0" A.F.F. FOR SILL OF WINDOW AS INDICATED AT DETAIL 8/A17.)

(13) TWO LAYERS OF 5/8" TYPE "X" GYPSUM BOARD EACH SIDE OF 3-5/8" METAL STUDS AT 2'-0" O.C. (2-HR. WALL CONSTRUCTION).

(14) 5-1/8" THICK WALL CONSTRUCTED OF ONE LAYER OF 5/8" GYPSUM BOARD ON STORAGE ROOM SIDE OF 3-5/8" METAL STUDS 16" O.C. AND 3/8" CERAMIC WALL TILE THIN-SET ON ONE LAYER OF 1/2" TILE BACKER BOARD ON OTHER SIDE. INSTALL 2" ACOUSTICAL BATT INSULATION. (REFER TO DETAIL 4/A18 FOR EXTENT OF WALL TILE, BACKER BOARD, AND DETAIL AT CEILING.)

(15) 8" THICK WALL CONSTRUCTED OF 6" NOMINAL (5-5/8") C.M.U. WITH 2X FURRING INSTALLED FLAT 1'-4" O.C. (BY SECTION 06100) WITH PLASTIC LAMINATE CLAD 3/4" PARTICLE BOARD (BY SECTION 06400). SEE DETAILS ON SHEET A-26.

(16) 2' THICK WALL/COLUMN CONSTRUCTED OF PLASTIC LAMINATE CLAD PARTICLE BOARD (BY SECTION 06400) OVER 3-5/8" METAL STUDS (BY SECTION 09250). SEE DETAILS ON SHEET A-26.

GENERAL NOTES

1. INDICATED DRAWING SCALES APPLY ONLY TO SETS OF DRAWINGS WHICH ARE REPRODUCED AT FULL SIZE. IF THE FORMAT SIZE OF THIS SET OF DRAWINGS IS 34" X 22", IT IS A FULL SIZE REPRODUCTION. IF THE FORMAT SIZE IS 17" X 11", IT IS A HALF SIZE REPRODUCTION.
2. COORDINATE WORK OF THIS CONTRACT WITH WORK OF CONTRACTS 1032-07-71 AND 1032-07-74 AS REQUIRED.
3. FOR ALL CONCRETE AND CONCRETE MASONRY WORK, REFER TO S-DRAWINGS FOR INDICATION OF REQUIRED REINFORCING STEEL.
4. ALL CONTRACTOR'S THAT ARE INSTALLING WORK WHICH IS PREFINISHED, SHALL BE REQUIRED TO PERFORM TOUCH-UP WORK, AS REQUIRED BY ARCHITECT, TO RESTORE WORK DAMAGED BY DELIVERY OR INSTALLATION.
5. ALL STRUCTURAL MEMBERS ABOVE GLASS IN ALUMINUM FRAMES SHALL BE ENGINEERED BY SUPPLIER TO LIMIT DEFLECTIONS TO 1/4" AT MIDSPAN.
6. ALUMINUM CURTAINWALL FRAMING SHALL BE INSTALLED WITH THE HEAD JOINT SIZED TO ALLOW FOR DEFLECTIONS OF THE STRUCTURAL TRUSS ABOVE OF 1/4" AT MIDSPAN AS WELL AS THERMAL EXPANSION OF THE FRAMES.
7. AS INDICATED ON DRAWINGS, PERIMETER STRUCTURAL GLUED LAMINATED TRUSSES ARE BOTH THE INTERNAL AND EXTERNAL COMPONENT OF THE BUILDING ENVELOPE. THEY PROVIDE RESISTANCE TO THERMAL TRANSFER AS WELL AS TO AIR AND MOISTURE INFILTRATION. SECTION 06170 CONTRACTOR SHALL CREATE JOINTS BETWEEN MEMBERS WHICH ARE ACCEPTABLE TO SECTION 07900 CONTRACTOR FOR SEALING, ESPECIALLY AT STEEL CONNECTORS.

BUILDING CODE INFORMATION

GOVERNING CODES:

WISCONSIN ADMINISTRATION CODE, DEPARTMENT OF INDUSTRY, LABOR AND HUMAN RELATIONS, 1989 EDITION.

OCCUPANCY:

CHAPTER ILHR 54

NUMBER OF STORIES:

ONE PLUS MECHANICAL EQUIPMENT MEZZANINES

AREA:

8,792 SQ. FT.

CONSTRUCTION TYPE:

WOOD FRAME UNPROTECTED (NO. 8)

BUILDING ELEMENTS	FIRE RESISTIVE CONSTRUCTION AS REQUIRED BY CODE
COLUMNS	0 HR.
FLOOR FRAMING	0 HR.
ROOF FRAMING	0 HR.
BEARING WALLS	0 HR.
PARTITIONS	0 HR.

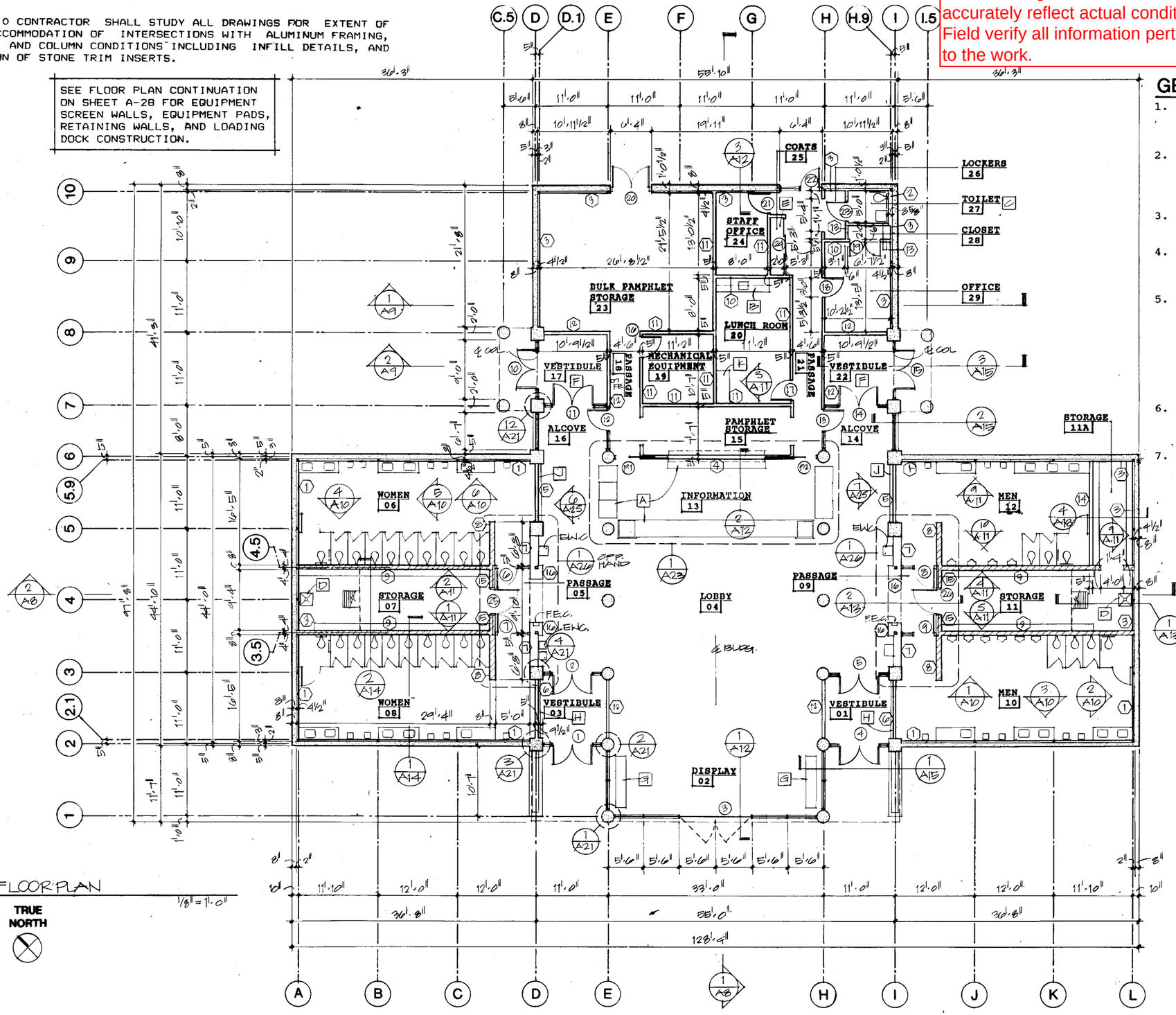
THIS BUILDING WILL NOT BE SPRINKLERED.

Cat. No. 2130 – 0142

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.6
FLOOR PLAN	A· 2

NOTE:
SECTION 03310 CONTRACTOR SHALL STUDY ALL DRAWINGS FOR EXTENT OF REVEALS, ACCOMMODATION OF INTERSECTIONS WITH ALUMINUM FRAMING, TOP OF WALL AND COLUMN CONDITIONS INCLUDING INFILL DETAILS, AND ACCOMMODATION OF STONE TRIM INSERTS.

SEE FLOOR PLAN CONTINUATION ON SHEET A-28 FOR EQUIPMENT SCREEN WALLS, EQUIPMENT PADS, RETAINING WALLS, AND LOADING DOCK CONSTRUCTION.



GENERAL NOTES

1. FINISH FLOOR ELEVATION:
   SITE DATUM.....715'-0"
   ARCHITECTURAL AND STRUCTURAL DATUM....100'-0"

2. PLANS FOR MECHANICAL MEZZANINES:
   MEZZANINES WHICH OCCUR ABOVE STORAGE ROOMS #07 & #11, ARE INDICATED ON DRAWING SHEET A-3, "TILE PLAN, MEZZANINE PLANS."

3. FLOOR TILE LAYOUT, IS INDICATED ON DRAWING SHEET A-3, "TILE PLAN, MEZZANINE PLANS."

4. ROOM FINISHES, ARE SCHEDULED IN THE SPECIFICATIONS MANUAL AT THE END OF DIVISION 9.

5. DOOR TYPES, DESIGNATED BY NUMERALS IN CIRCLES, ARE SCHEDULED ON DRAWING SHEET A-5, "DOOR SCHEDULE." FRAME TYPES & DOOR TYPES, REFERENCED BY DOOR DESIGNATION, ARE ALSO SCHEDULED ON DRAWING SHEET A-5. HARDWARE SETS REFERENCED BY THE DOOR SCHEDULE CAN BE FOUND IN THE SPECIFICATIONS AT THE END OF SECTION 08710.

6. INTERIOR WALL TYPES, DESIGNATED BY NUMERALS IN HEXAGONS, ARE SCHEDULED ON DRAWING SHEET A-1, "GENERAL INFORMATION."

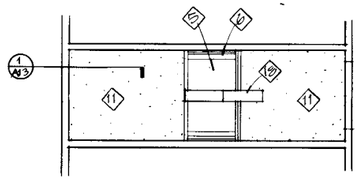
7. KEYED NOTES, DESIGNATED BY LETTERS IN SQUARES, ARE SCHEDULED HERE:

KEYED NOTES

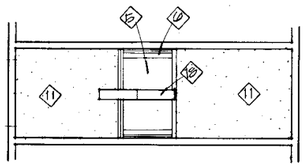
- **A** DETAILS OF MILLWORK FOR INFORMATION DESK #13 IS ON DRAWING SHEET A-23, "INFORMATION DESK MILLWORK".
- **B** AN INTERIOR ELEVATION OF THE CABINETRY OF LUNCH ROOM #20 IS ON DRAWING SHEET A-9, "SERVICE WING CROSS SECTIONS".
- **C** INTERIOR ELEVATIONS OF TOILET ROOM #27 ARE ON DRAWING SHEET A-10, DETAIL 7, "INTERIOR ELEVATIONS."
- **D** SERVICE SINK (SEE PLUMBING DRAWINGS).
- **E** PROVIDE AND INSTALL CLOSET SHELF AND POLE PER SPECIFICATION SECTIONS 06200 & 06400 FOR FULL LENGTH OF COAT CLOSET #25.
- **F** GTE TELEPHONE OPERATIONS (608)-837-1814, SHALL PROVIDE AND INSTALL FIVE PUBLIC PAY TELEPHONES AND ENCLOSURES FOR EACH OF TWO VESTIBULES, #17 & #22. (THE TEN ENCLOSURES SHALL BE AS MANUFACTURED BY BENNER-NAWMAN INCORPORATED, MODEL BN6720 "SPEAKEASY", TYPE W-2.)
- **G** PROVIDE AND INSTALL TWO 8'-0" LONG BENCHES PER SPECIFICATION SECTION 12755.
- **H** MAP DISPLAY CASE - (1) EACH IN VESTIBULES 01, 03. SEE 6/A25. (2) MAP DISPLAY CASES REQUIRED.
- **J** BROCHURE DISPLAY CASE - (1) EACH ADJACENT TO ALCOVE 14 AND 16. SEE 7/A25. (2) BROCHURE DISPLAY CASES REQUIRED.
- **K** ELEVATIONS AND DETAILS OF THE WORKSTATION IN LUNCHROOM 20 ARE ON SHEET A-11 "INTERIOR ELEVATIONS".

STATE PROJECT NUMBER	SHEET NO.
1032-07-73	2.8

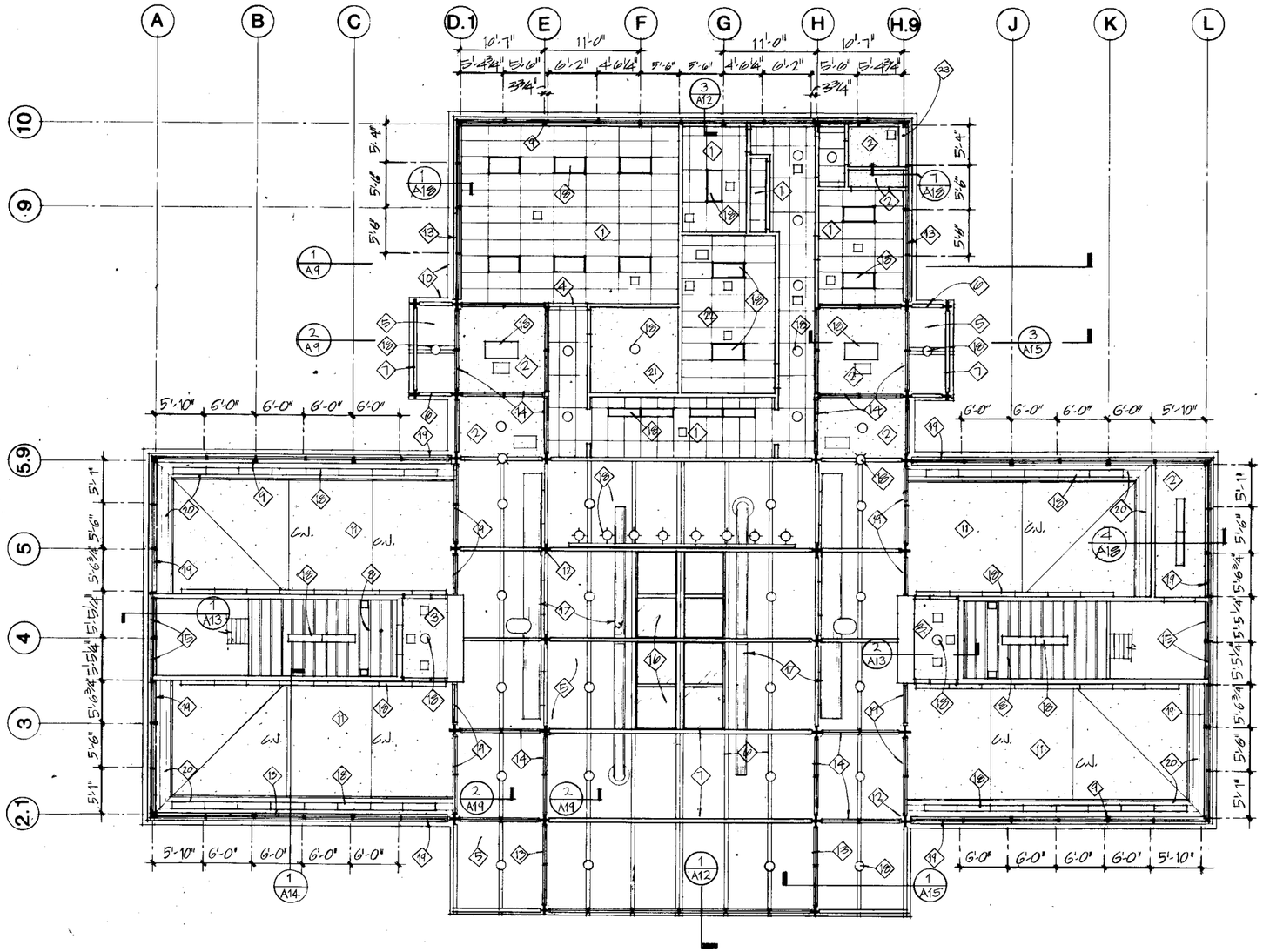
REFLECTED CEILING PLAN A-4



WOMEN'S TOILETROOM MEZZANINE



MEN'S TOILETROOM MEZZANINE



1 A-4 REFLECTED CEILING PLAN 1/8"=1'-0"

PLAN NORTH TRUE NORTH

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

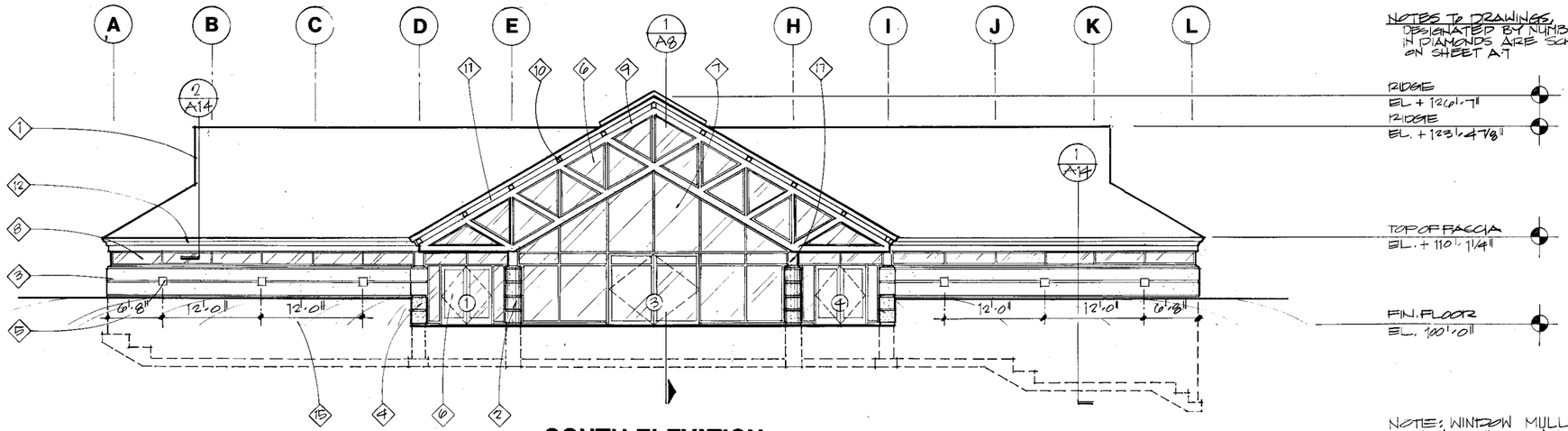
[NOTE: CEILING PLAN SECTION CUT IS TAKEN AT HIGH WINDOWS AT FIRST FLOOR LEVEL.]

NOTES TO DRAWING

1. 2' x 4' ACOUSTICAL CEILING TILE AT 8'-6" ABOVE FINISHED FLOOR.
2. GYPSUM BOARD CEILING AT 8'-6" ABOVE FINISHED FLOOR.
3. GYPSUM BOARD CEILING/SOFFIT AT 7'-2" ABOVE FINISHED FLOOR.
4. GYPSUM BOARD HEADER AT 7'-2" ABOVE FINISHED FLOOR.
5. EXPOSED WOOD DECKING.
6. EXPOSED WOOD PURLINS.
7. STRUCTURAL GLUED-LAMINATED TRUSSES.
8. EXPOSED WOOD JOISTS.
9. STEEL TUBE COLUMN - SEE STRUCTURAL DRAWINGS.
10. WOOD FASCIA LINE.
11. GYPSUM BOARD CEILING - SEE WALL AND BUILDING SECTIONS FOR CONFIGURATION.
12. TILE CLAD MASONRY COLUMN CAPITAL.
13. 1" COATED INSULATING GLASS IN BLACK ANODIZED ALUMINUM FRAMES.
14. 1/4" CLEAR GLASS IN BLACK ANODIZED ALUMINUM FRAMES.
15. ALUMINUM LOUVERS IN BLACK ANODIZED ALUMINUM FRAMES.
16. SKYLIGHTS.
17. PAINTED SPIRAL DUCTWORK.
18. LIGHT FIXTURE. (SEE ELECTRICAL DRAWINGS.)
19. 1/4" OBSCURING GLASS IN BLACK ANODIZED ALUMINUM FRAME.
20. 1 x 6 V. GROOVE WOOD CEILING. SEE DETAIL 3/A18.
21. GYPSUM BOARD CEILING AT 8'-0" ABOVE FINISHED FLOOR.
22. 2' x 4' ACOUSTICAL CEILING TILE AT 8'-0" ABOVE FINISHED FLOOR.
23. VENT STACK (PAINT BLACK)

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.10
NORTH AND SOUTH ELEVATIONS	A· 6

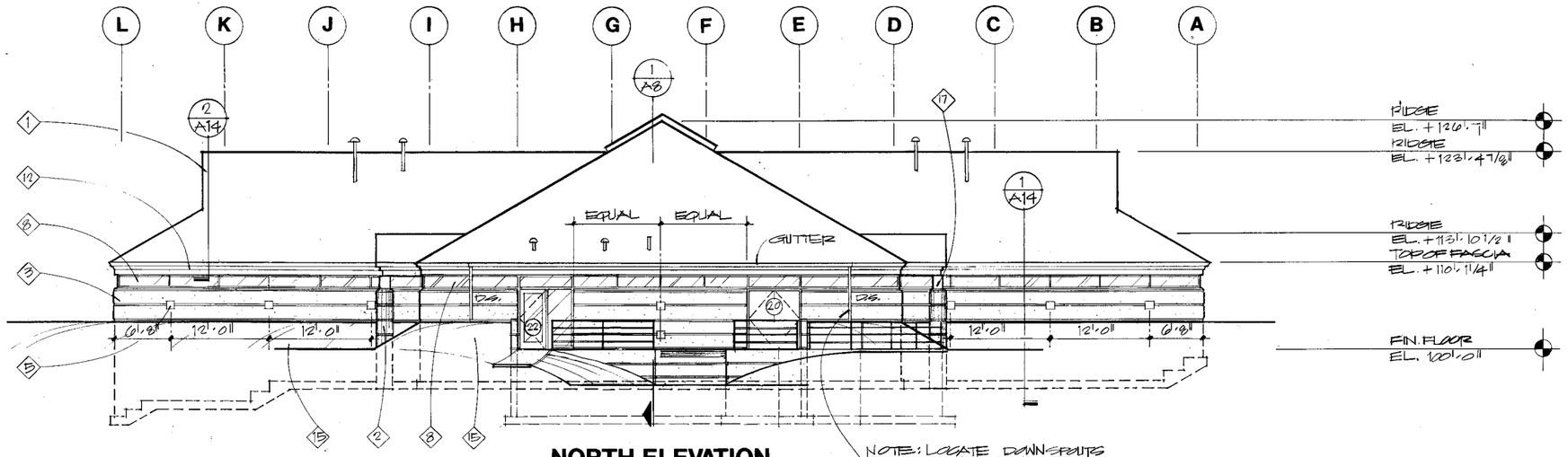
Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



NOTES TO DRAWINGS, DESIGNATED BY NUMBERS IN DIAMONDS ARE SCHEDULED ON SHEET A7

NOTE: WINDOW MULLIONS ARE DIMENSIONED ON REFLECTED CEILING PLAN, SHEET A4.

SOUTH ELEVATION

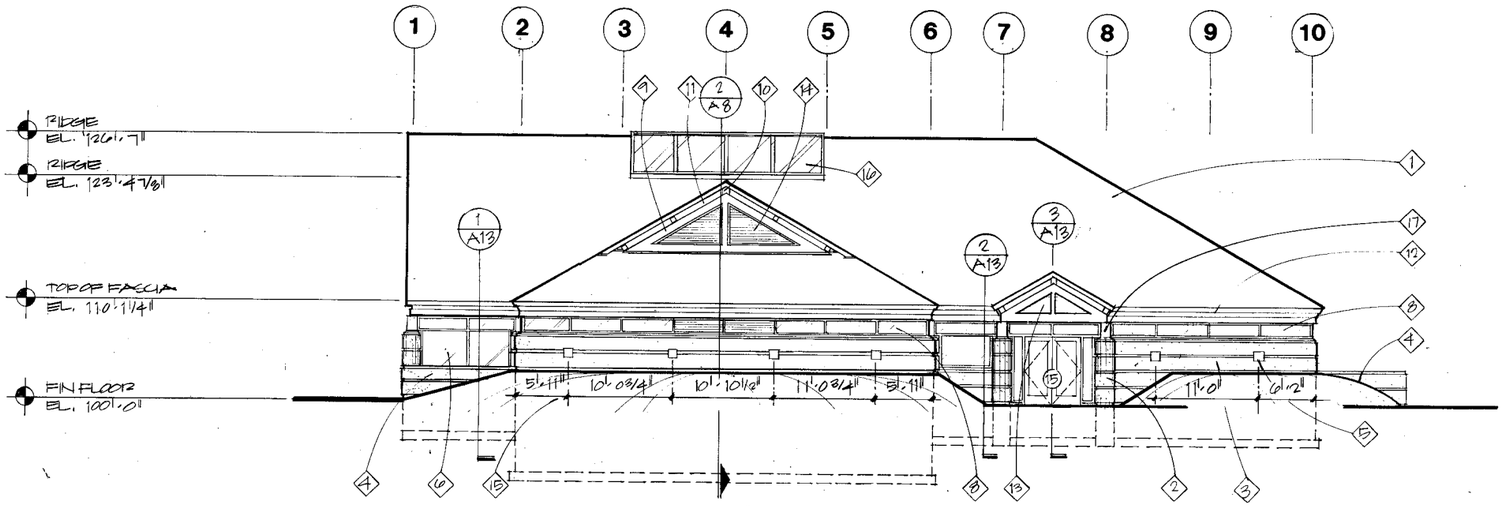


NORTH ELEVATION

NOTE: LOCATE DOWN-SPOUTS DIRECTLY IN FRONT OF WINDOW MULLIONS AS SHOWN.

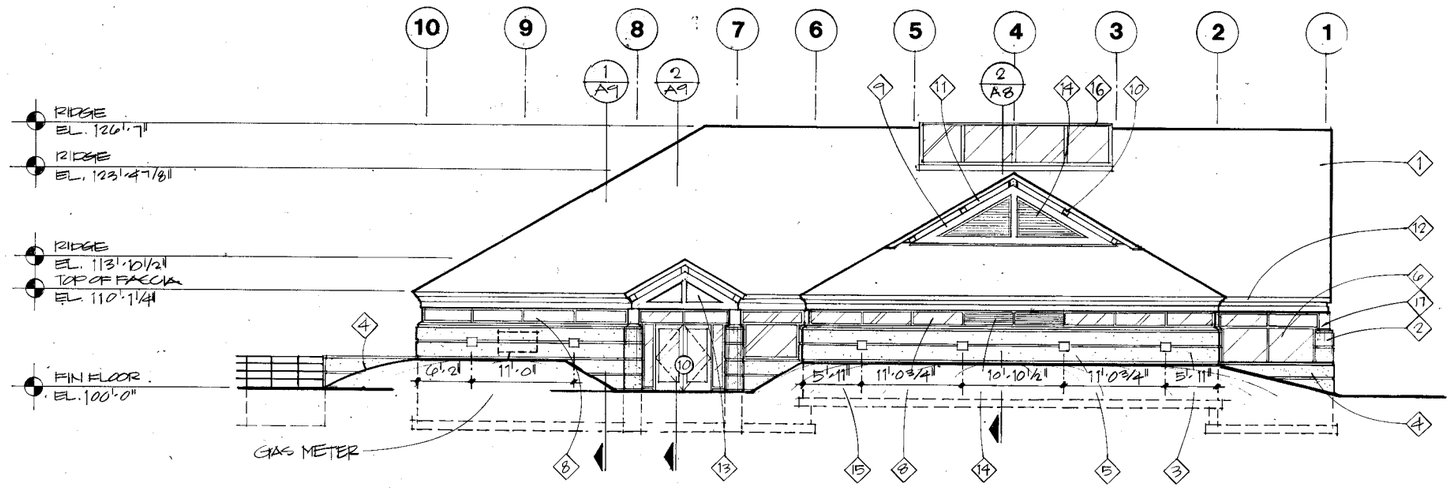
STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.11

EAST AND WEST ELEVATIONS
A·7



EAST ELEVATION

WINDOW MULLION LOCATIONS ARE DIMENSIONED ON REFLECTED CEILING PLAN, SHEET A4.



WEST ELEVATION

NOTES TO DRAWING

1. ASPHALT SHINGLE ROOFING.
2. CONCRETE COLUMNS WITH REVEALS.
3. CONCRETE WALL WITH REVEALS - SEE WALL SECTIONS.
4. CONCRETE RETAINING WALL WITH REVEALS. SEE SHEET A28.
5. DECORATIVE STONE TRIM INSERT - SEE DETAIL 5/A20.
6. 1" COATED INSULATING GLASS IN BLACK ANODIZED ALUMINUM FRAMES.
7. 1" COATED INSULATING GLASS IN BLACK ANODIZED ALUMINUM CURTAIN WALL FRAME.
8. 1" COATED OBSCURING INSULATING GLASS IN BLACK ANODIZED ALUMINUM FRAMES.
9. STRUCTURAL GLUED-LAMINATED TRUSS.
10. END OF EXPOSED GLUED-LAMINATED PURLIN.
11. INFILL CONDITION BETWEEN EACH PURLIN. SEE DETAIL 6/A19.
12. CEDAR FASCIAS AND FRIEZE BOARDS.
13. SOLID DECKING APPLIED HORIZONTALLY TO WALL.
14. PREFINISHED BLACK HVAC LOUVERS. (SEE DIVISION 15.)
15. EARTH BERM. (SEE SECTION 02200.)
16. SKYLIGHT. SEE DETAILS 8 & 9/A18 AND 7/A19.
17. TILE CLAD MASONRY COLUMN CAPITALS.

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STATE PROJECT NUMBER	SHEET NO.
1032-07-73	2.12

BUILDING CROSS SECTIONS A-8

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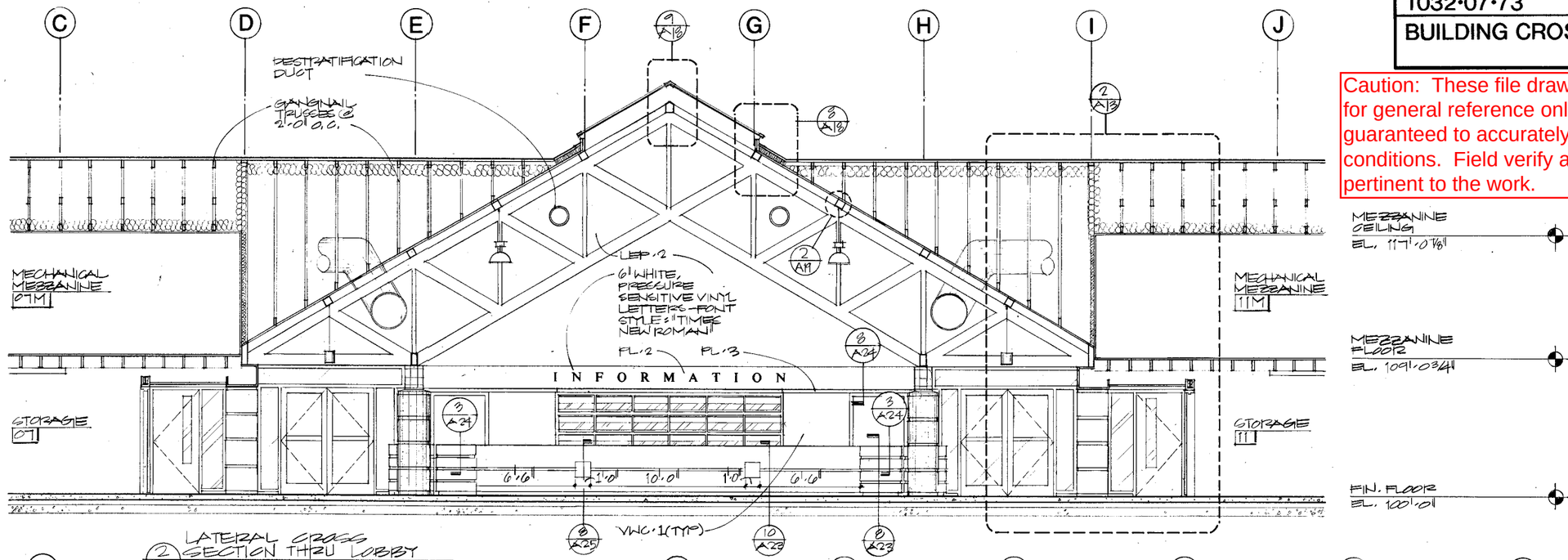
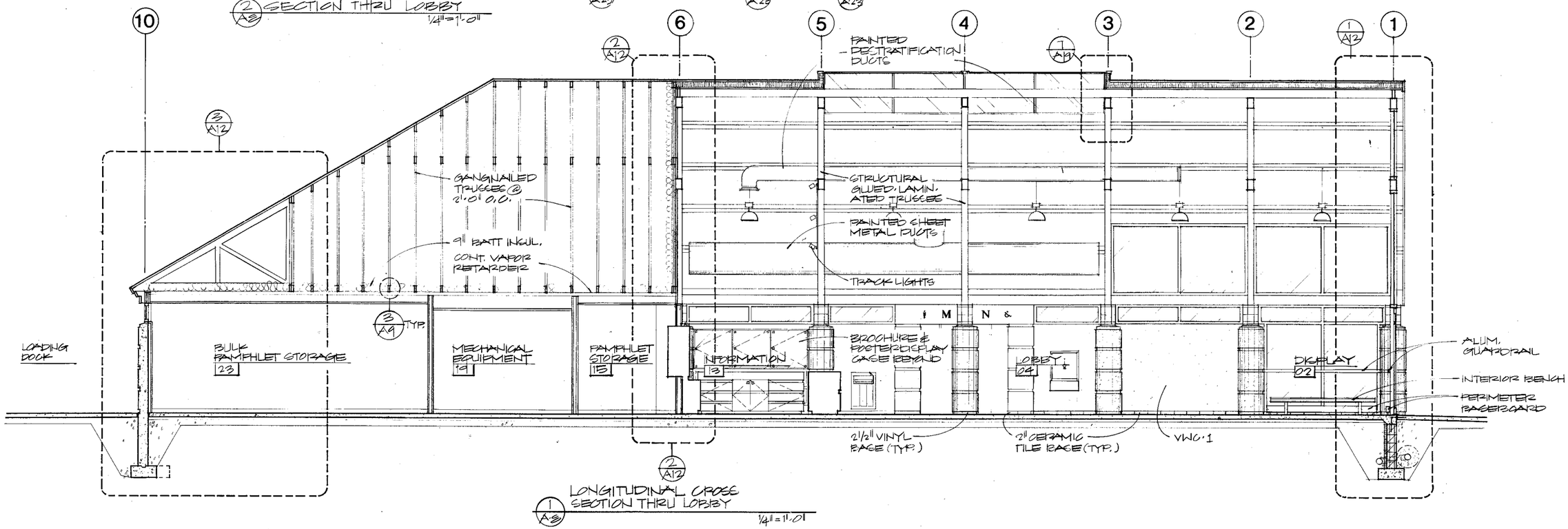
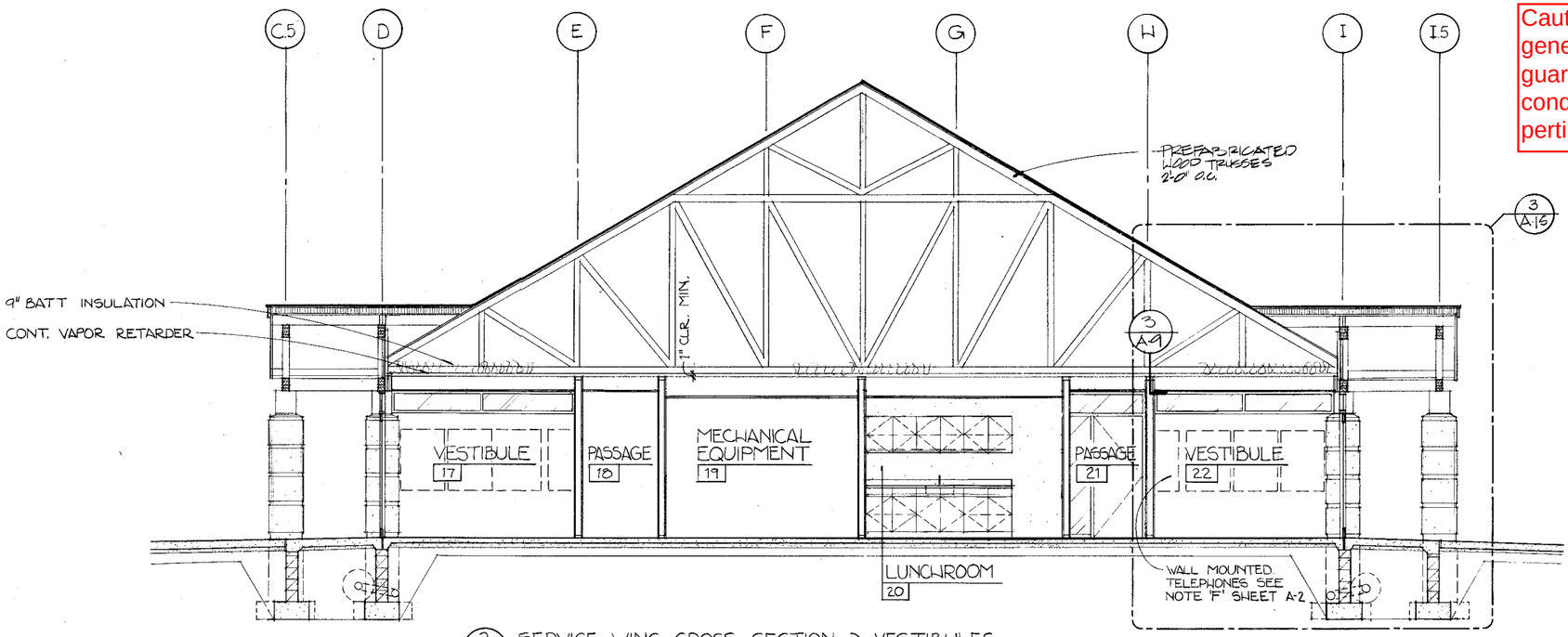




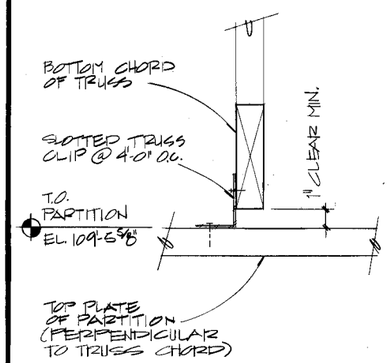
STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.13
SERVICE WING CROSS SECTIONS	A· 9

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



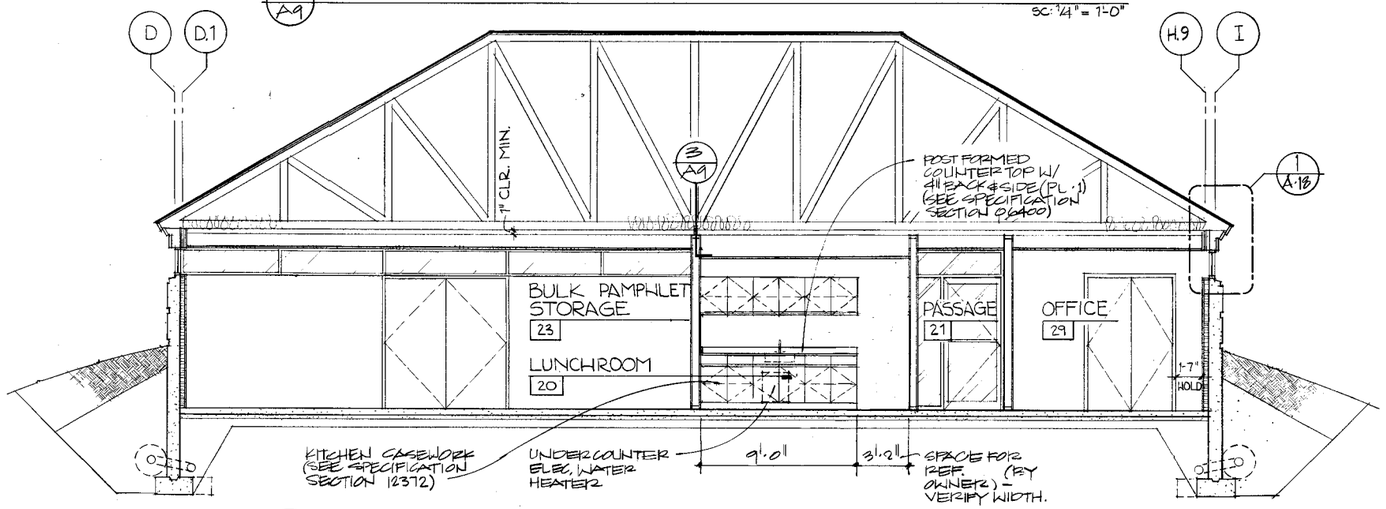
2/A9 SERVICE WING CROSS SECTION & VESTIBULES

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



3/A9 TRUSS CLIP DETAIL

SC: 3" = 1'-0"



1/A9 SERVICE WING CROSS SECTION

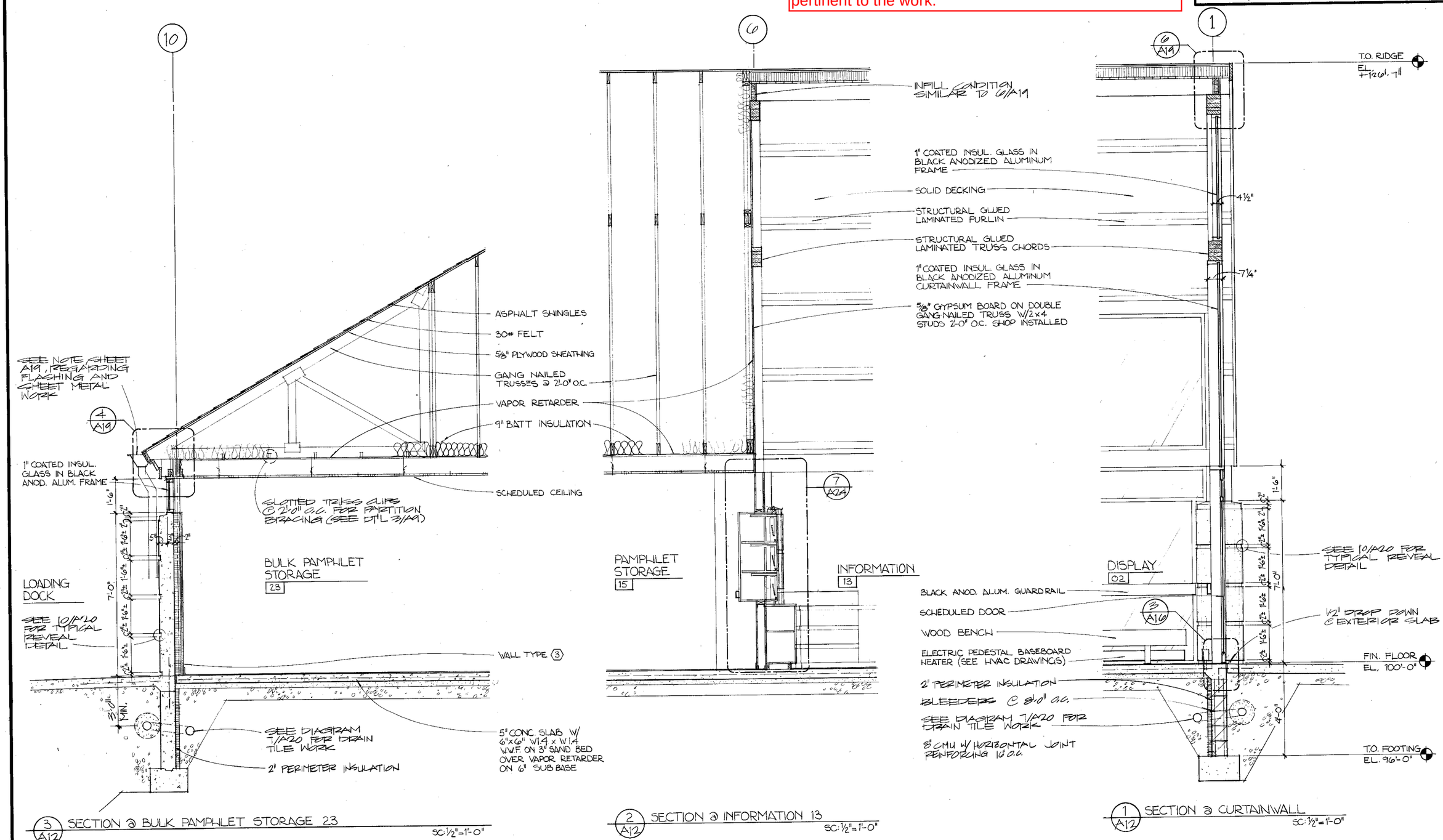
SC: 1/4" = 1'-0"

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.16

SECTIONS THRU CURTAIN WALL, SERVICE WING A·12

4/09/10

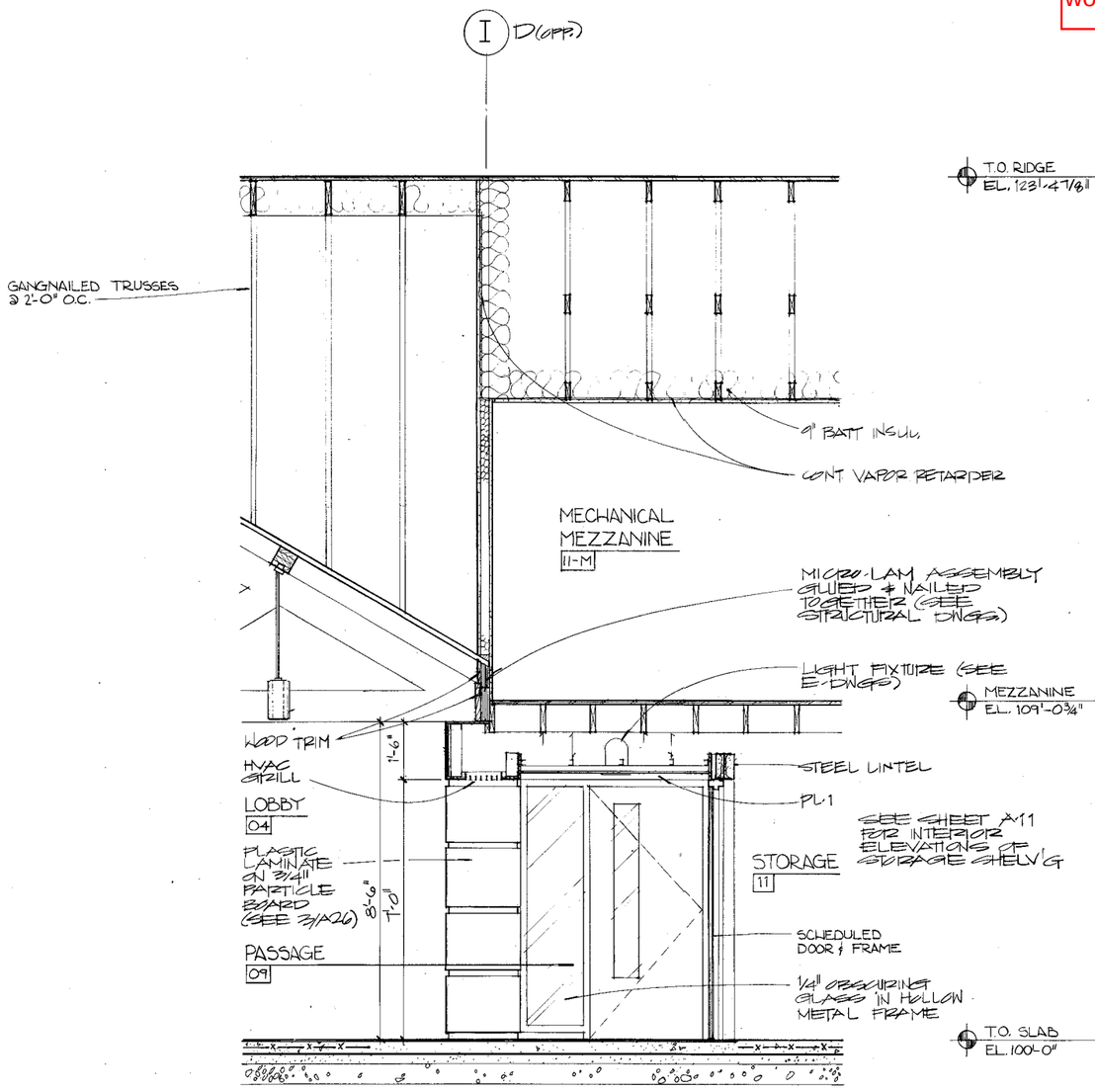


I. No. 2130 – 0142

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.17
SECTION @ STORAGE #11, PASSAGE #09	A·13

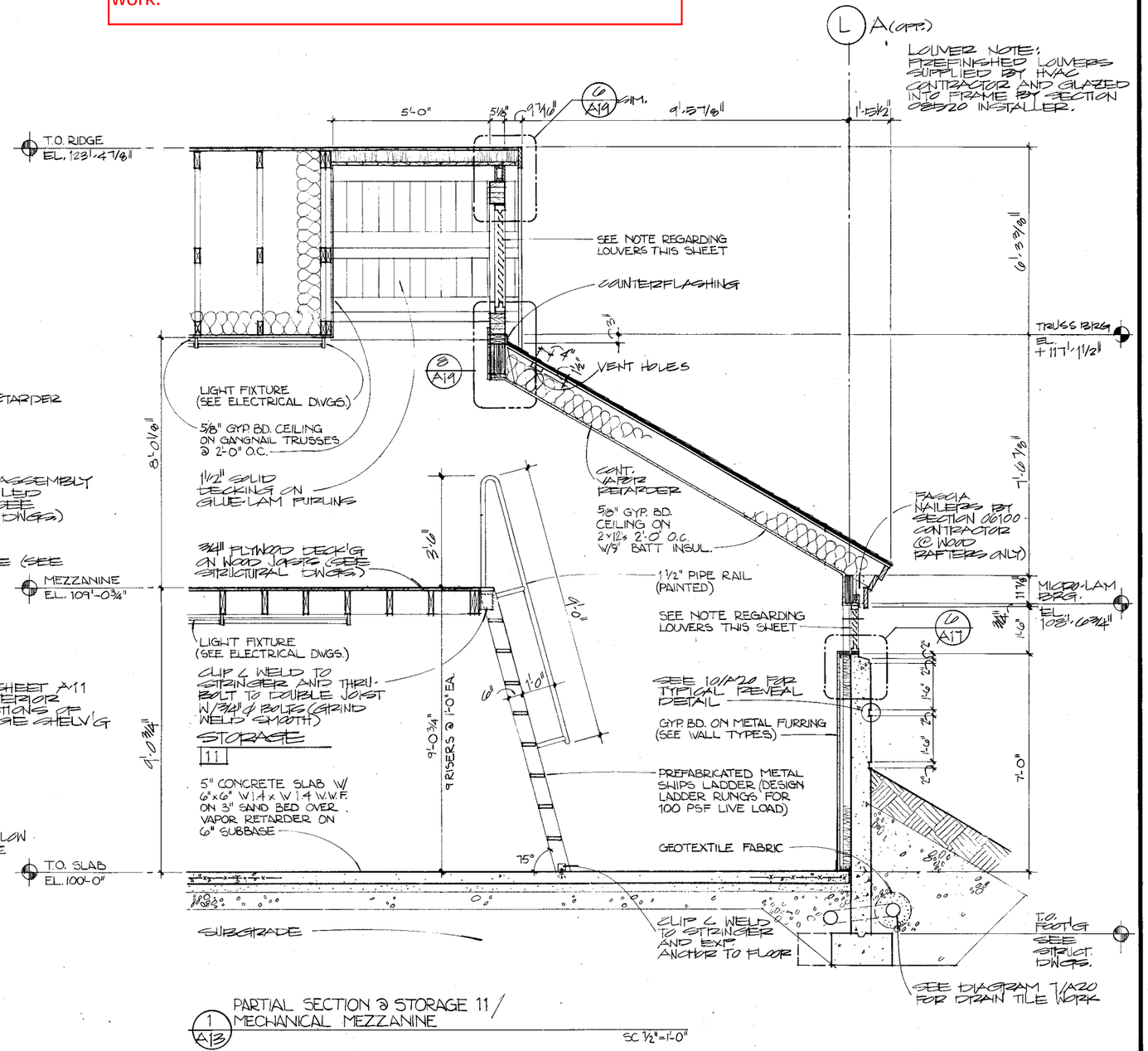
Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

4/03/10



2/A13 PARTIAL SECTION @ PASSAGE 09

SC: ½"=1'-0"



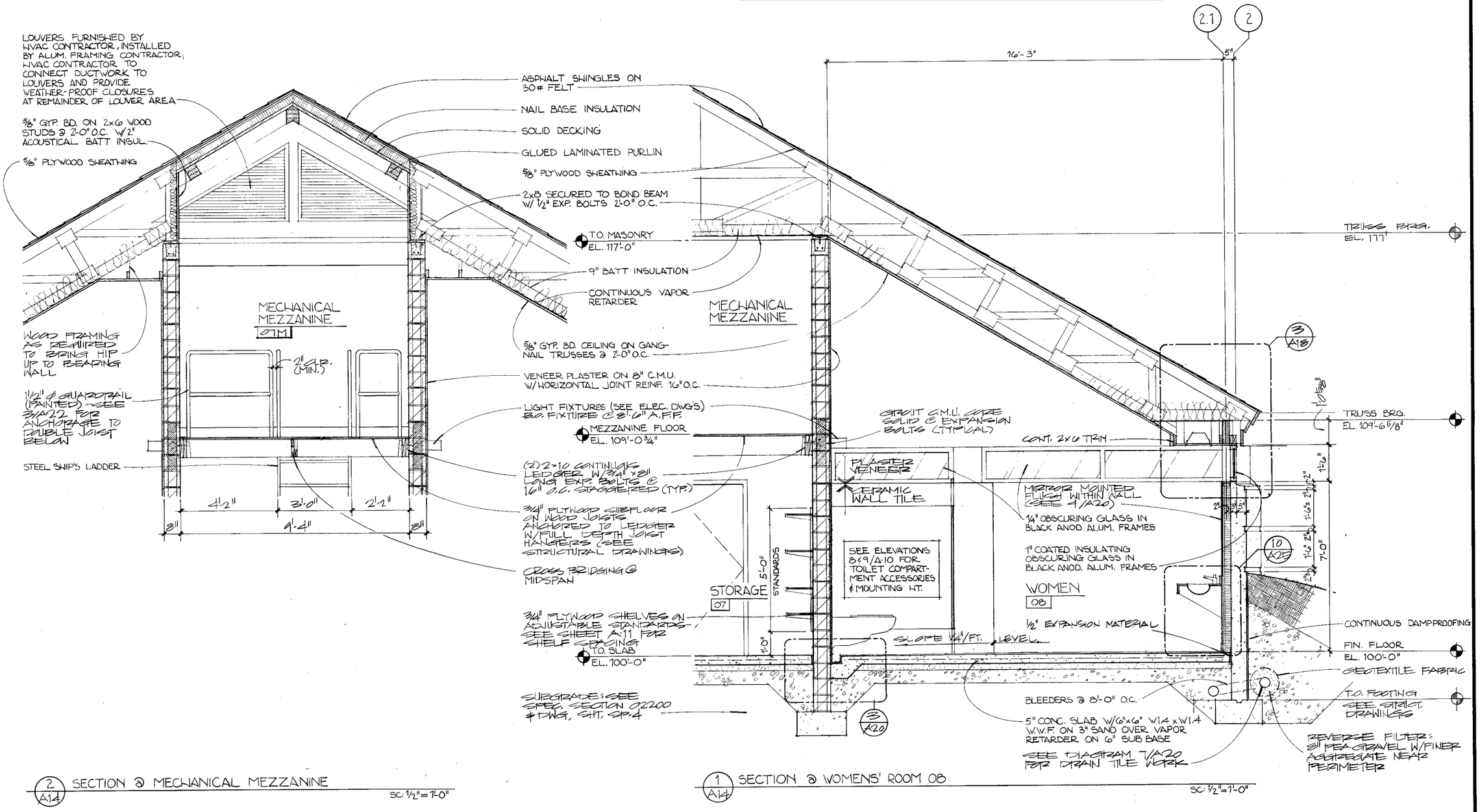
1/A13 PARTIAL SECTION @ STORAGE 11/ MECHANICAL MEZZANINE

SC ½"=1'-0"

DAL. No. 2130 – 0142

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.18
SECTION @ WOMEN #08, MECH. MEZZANINE	A·14

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



2/A14 SECTION @ MECHANICAL MEZZANINE
SC: ½"=1'-0"

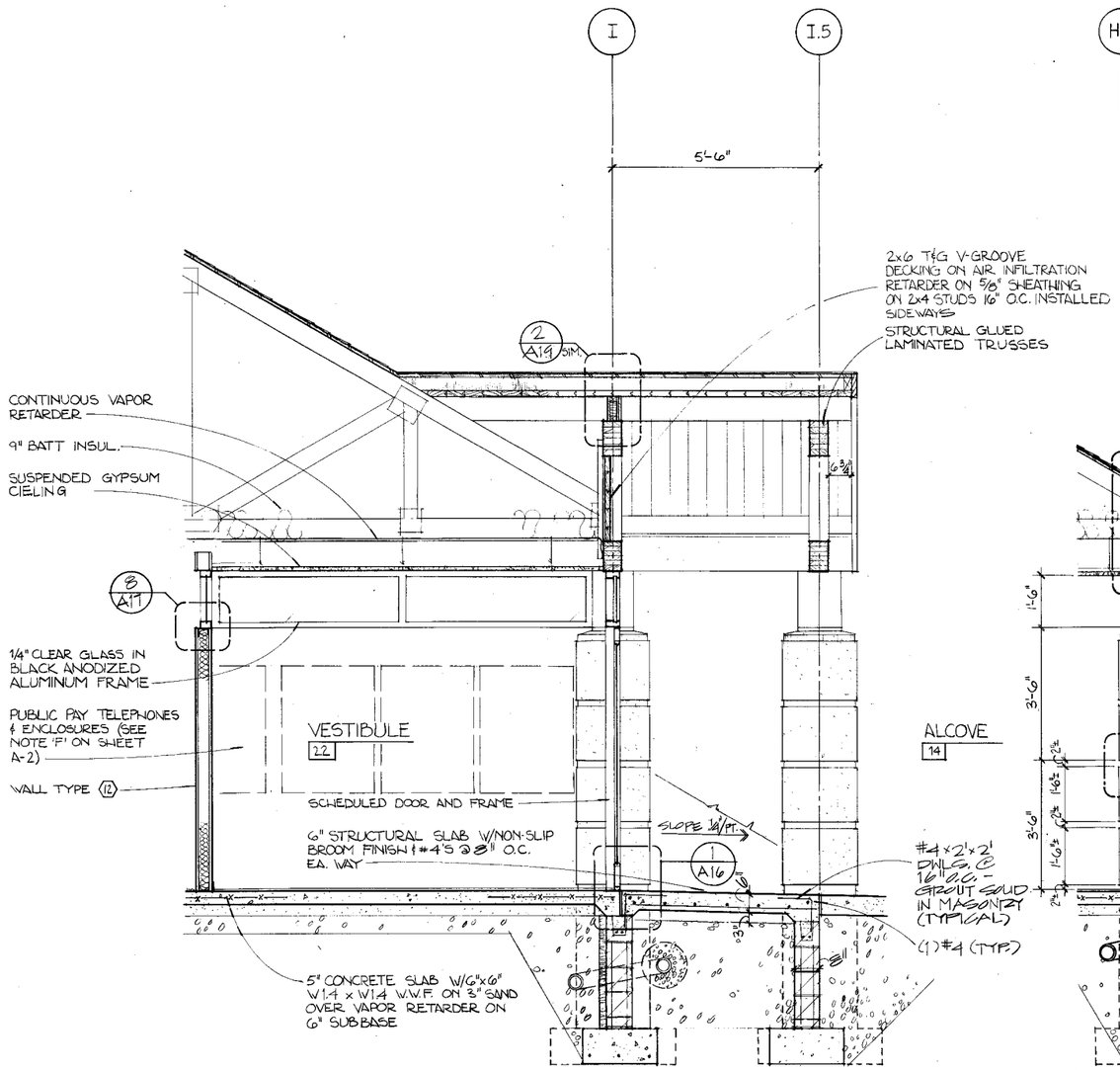
1/A14 SECTION @ WOMENS' ROOM 08
SC: ½"=1'-0"

Sht. No. 2130 – D142

STATE PROJECT NUMBER	SHEET NO.
1032-07-73	2.19

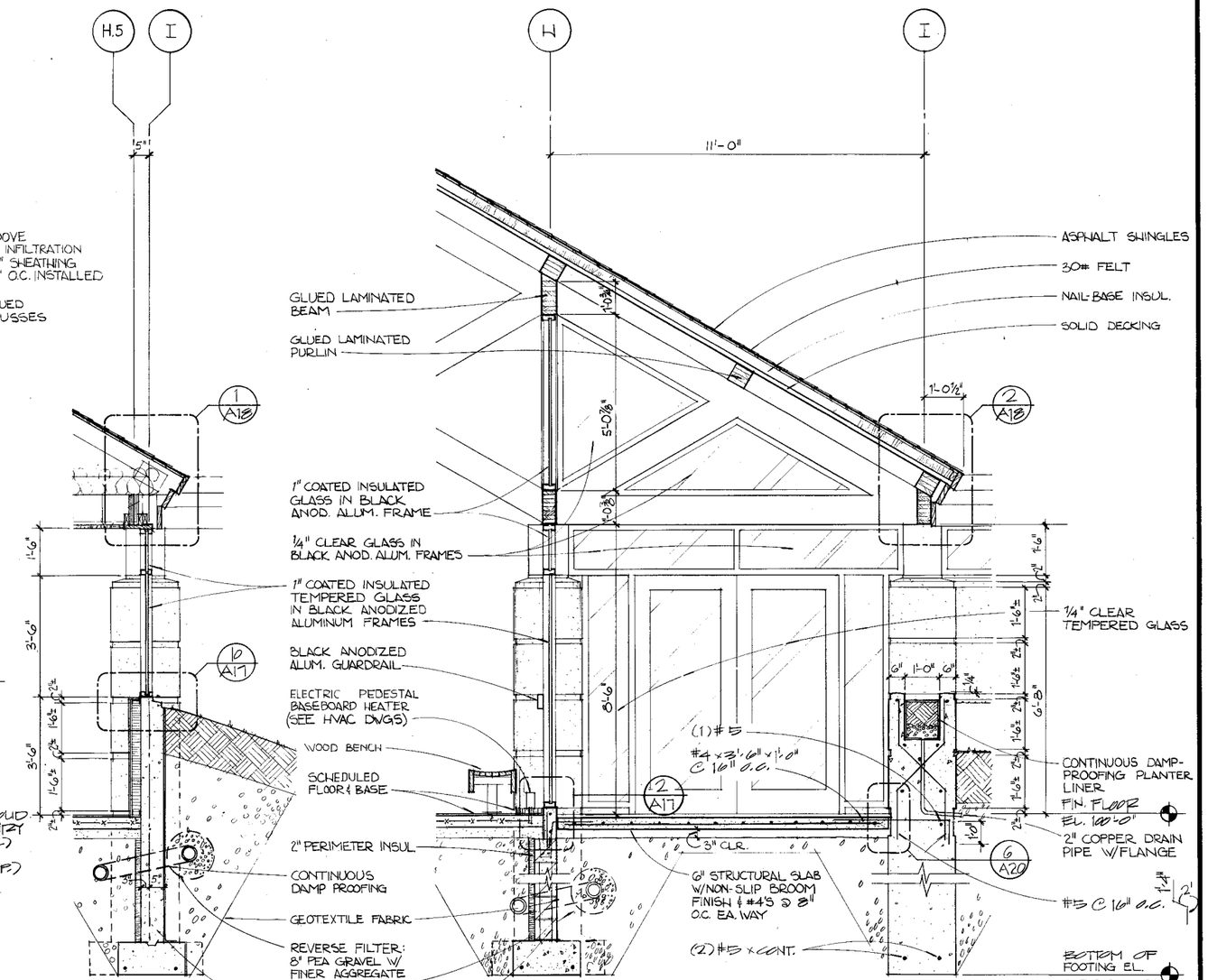
SECTIONS @ ENTRY, ALCOVE #14, VEST. #22 A-15

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



3 A15 SECTION @ VESTIBULE 22

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



2 A15 SECTION @ ALCOVE 14

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

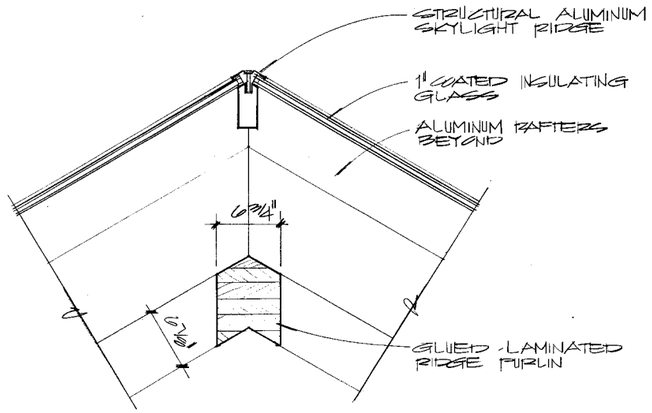
1 A15 SECTION @ ROOF OVERHANG

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

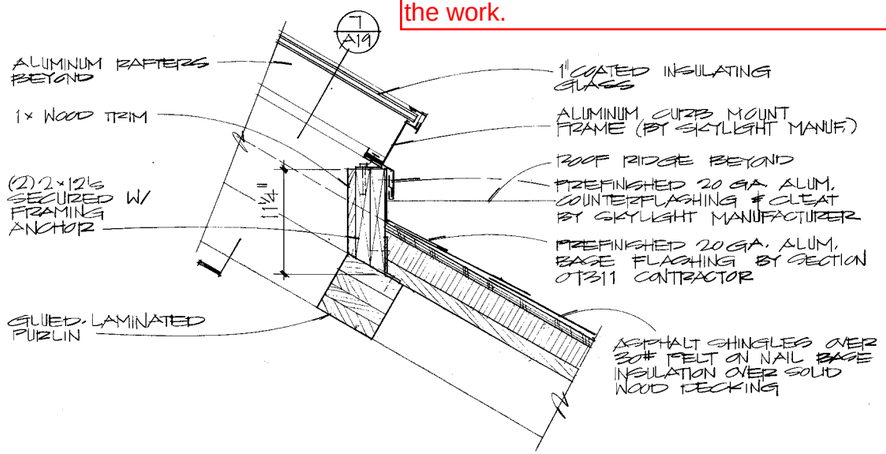
Ltl. No. 2130 - 0142

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

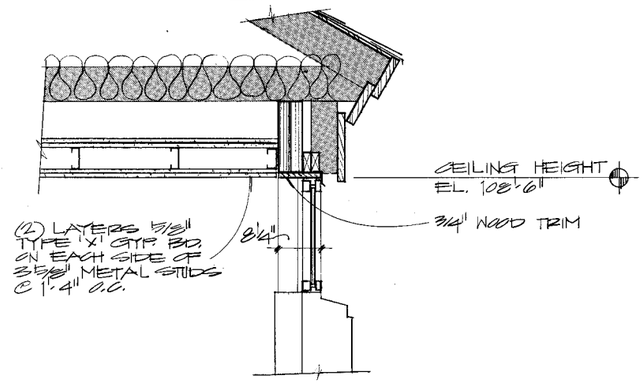
STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.22
SECTION DETAILS	A·18



9 / A18 SKYLIGHT RIDGE DETAIL
SC: 1½"=1'-0"

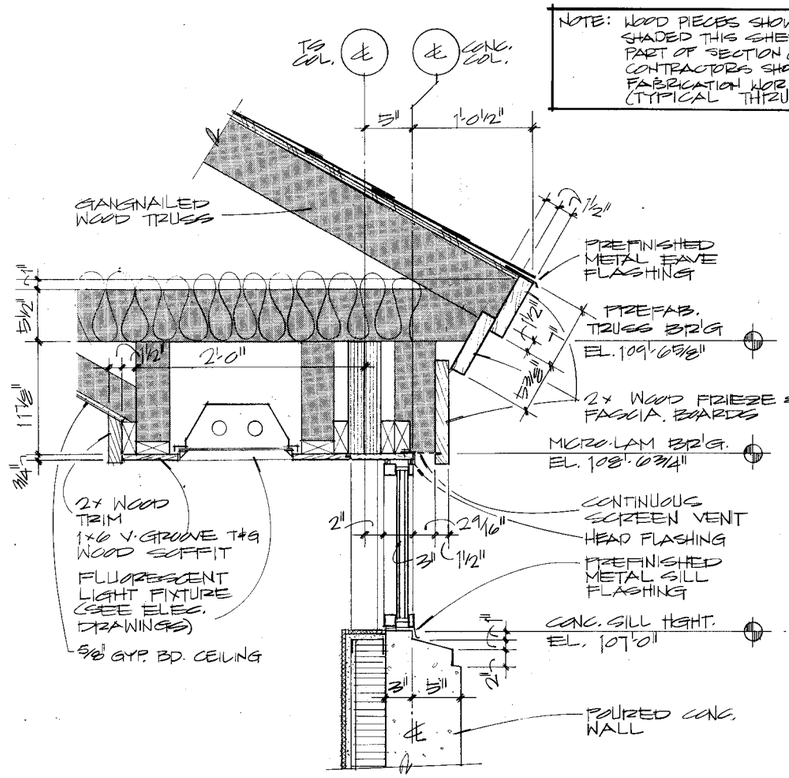


8 / A18 SKYLIGHT CURB DETAIL
SC: 1½"=1'-0"

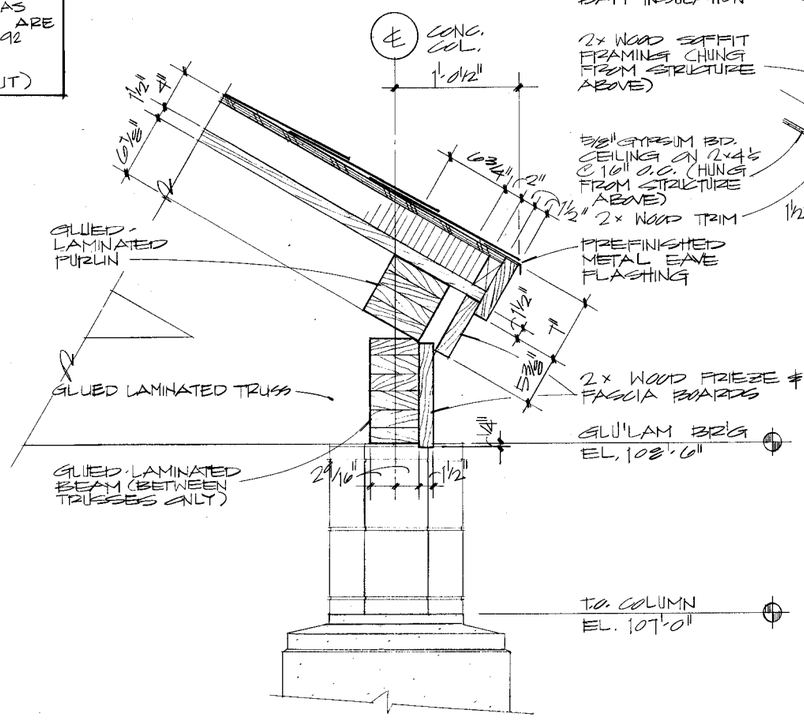


7 / A18 CLOSET 28 CEILING DETAIL
SC: 1"=1'-0"

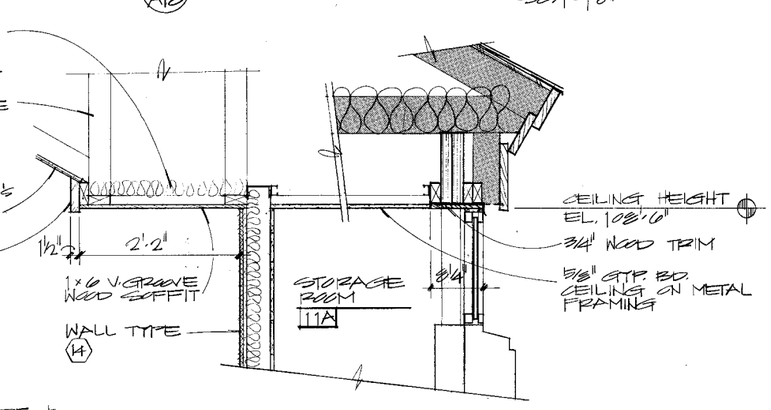
NOTE: WOOD PIECES SHOWN AS SHADED THIS SHEET ARE PART OF SECTION 06192 CONTRACTORS SHOP FABRICATION WORK. (TYPICAL THRU-OUT)



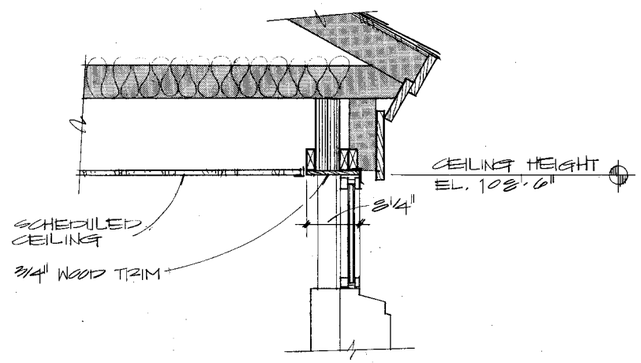
3 / A18 EAVE DETAIL @ TLTROOMS, GANGNAILED TRUSSES
SC: 1½"=1'-0"



2 / A18 EAVE DETAIL @ GLUED-LAMINATED TRUSSES
SC: 1½"=1'-0"



4 / A18 STORAGE RM. 11A CEILING
SC: 1"=1'-0"



1 / A18 CEILING DETAIL @ SERVICE WING
SC: 1"=1'-0"

4/08/10

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

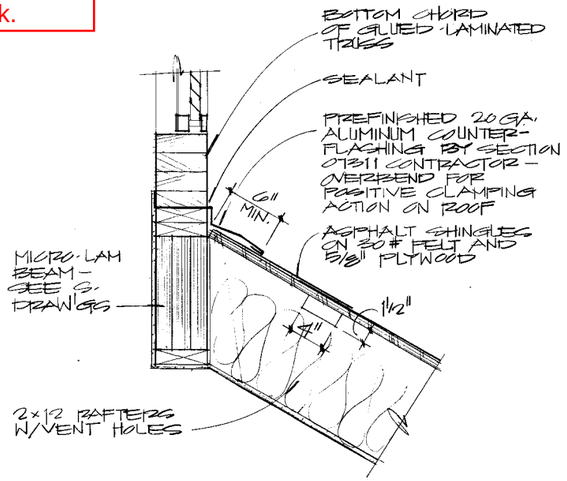
STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.23

SECTION DETAILS

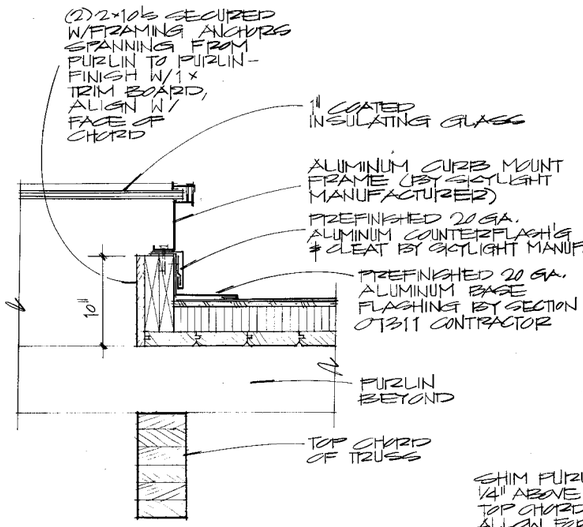
A·19

NOTE TO 07311 CONTRACTOR:

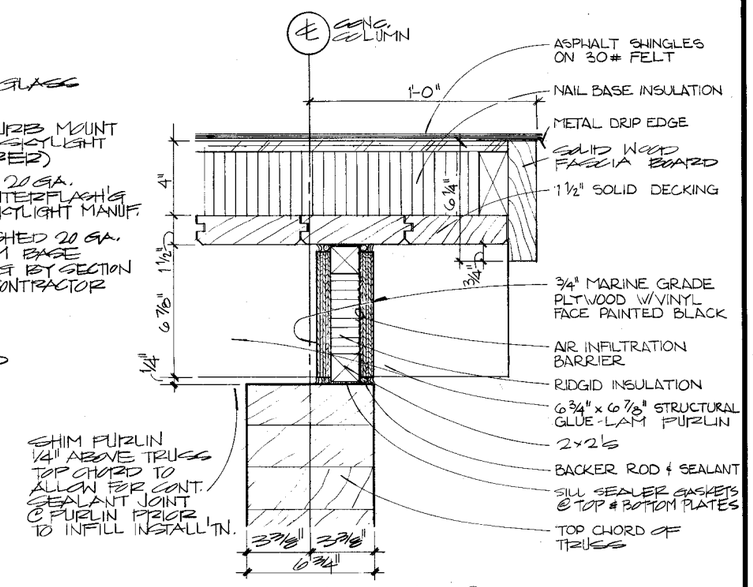
FLASHING AND SHEET METAL WORK INCLUDING METAL COUNTERFLASHING, CUSTOM RIDGE/HIP INTERSECTION WORK AT RIDGE VENTS, GUTTERS, AND DOWNSPOUTS IS WORK OF SECTION 07311 CONTRACTOR. (FOR METAL DRIP EDGE, SEE SPECIFICATIONS.) SUBMIT MANUFACTURER'S PRODUCT DATA INCLUDING STANDARD KYNAR FLUOROPOLYMER COLOR SAMPLES FOR SELECTION BY ARCHITECT. WORK IS TO BE SHOP-FABRICATED TO GREATEST EXTENT POSSIBLE AND SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF SMACNA "ARCHITECTURAL SHEET METAL MANUAL". FABRICATE FOR WATERPROOF AND WEATHER-RESISTANT PERFORMANCE WITHOUT EXCESSIVE OIL-CANNING, BUCKLING, OR TOOL MARKS. ALL EXPOSED EDGES SHALL BE FOLDED BACK TO FORM HEMS. FORM ALUMINUM SEAMS WITH EPOXY SEAM SEALER; RIVET JOINTS FOR ADDITIONAL STRENGTH WHERE REQUIRED. PROVIDE FOR SEPARATION OF METAL FROM NON-COMPATIBLE METAL OR CORROSIVE SUBSTRATES BY COATING CONCEALED SURFACES WITH BITUMINOUS COATING. SUBMIT SHOP DRAWINGS TO ARCHITECT SHOWING LAYOUT, JOINING, PROFILES, AND ANCHORAGE OF FABRICATED WORK.



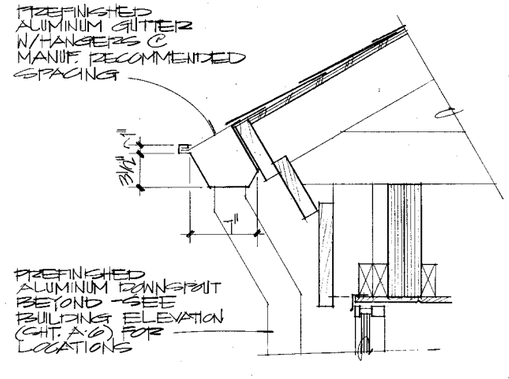
2 A19 SECTION DETAIL 1½"=1'-0"



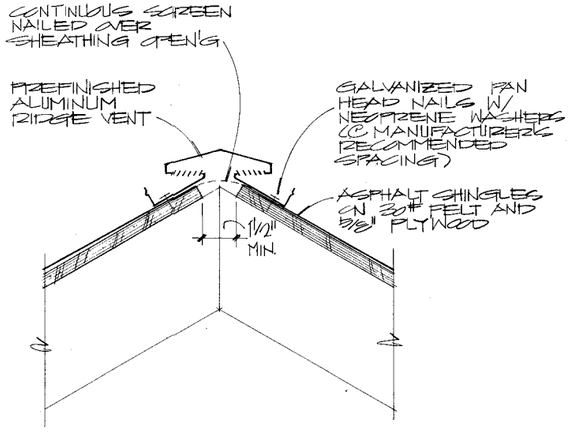
7 A19 SKYLIGHT CURB DETAIL 1½"=1'-0"



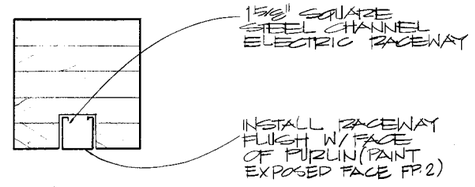
6 A19 TYPICAL INFILL @ TRUSS TOP CHORDS 3"=1'-0"



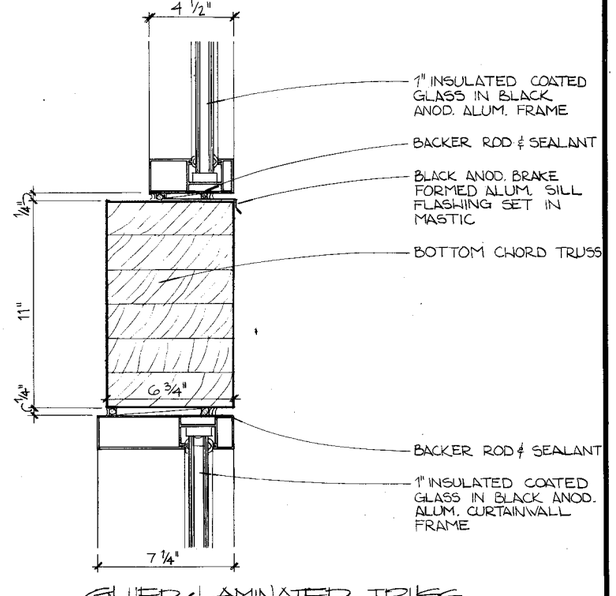
4 A19 GUTTER DETAIL 1½"=1'-0"



3 A19 RIDGE VENT DETAIL 3"=1'-0"



2 A19 ELEC. RACEWAY @ PURLINS 3"=1'-0"

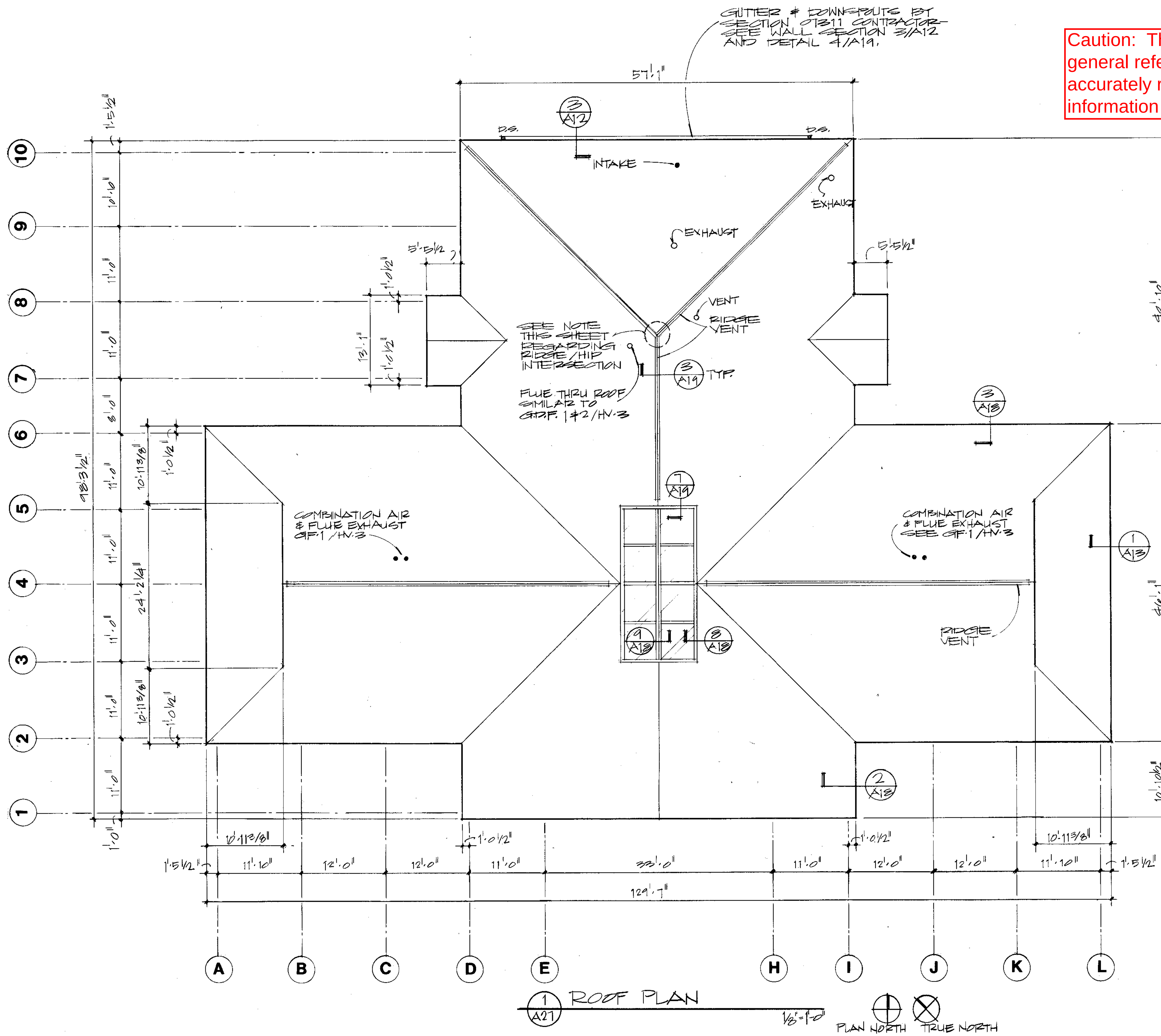


1 A19 GLUED-LAMINATED TRUSS BOTTOM CHORD @ CURTAINWALL 3"=1'-0"

4/30/10

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.31
ROOF PLAN	A·27

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



ROOFING CONTRACTOR NOTE:
SECTION 07311 CONTRACTOR SHALL FURNISH AND INSTALL PREFINISHED, CUSTOM FABRICATED RIDGE VENT SHEET METAL @ RIDGE/HIP INTERSECTION, SEE ALSO NOTE @ SECTION 4/A19.

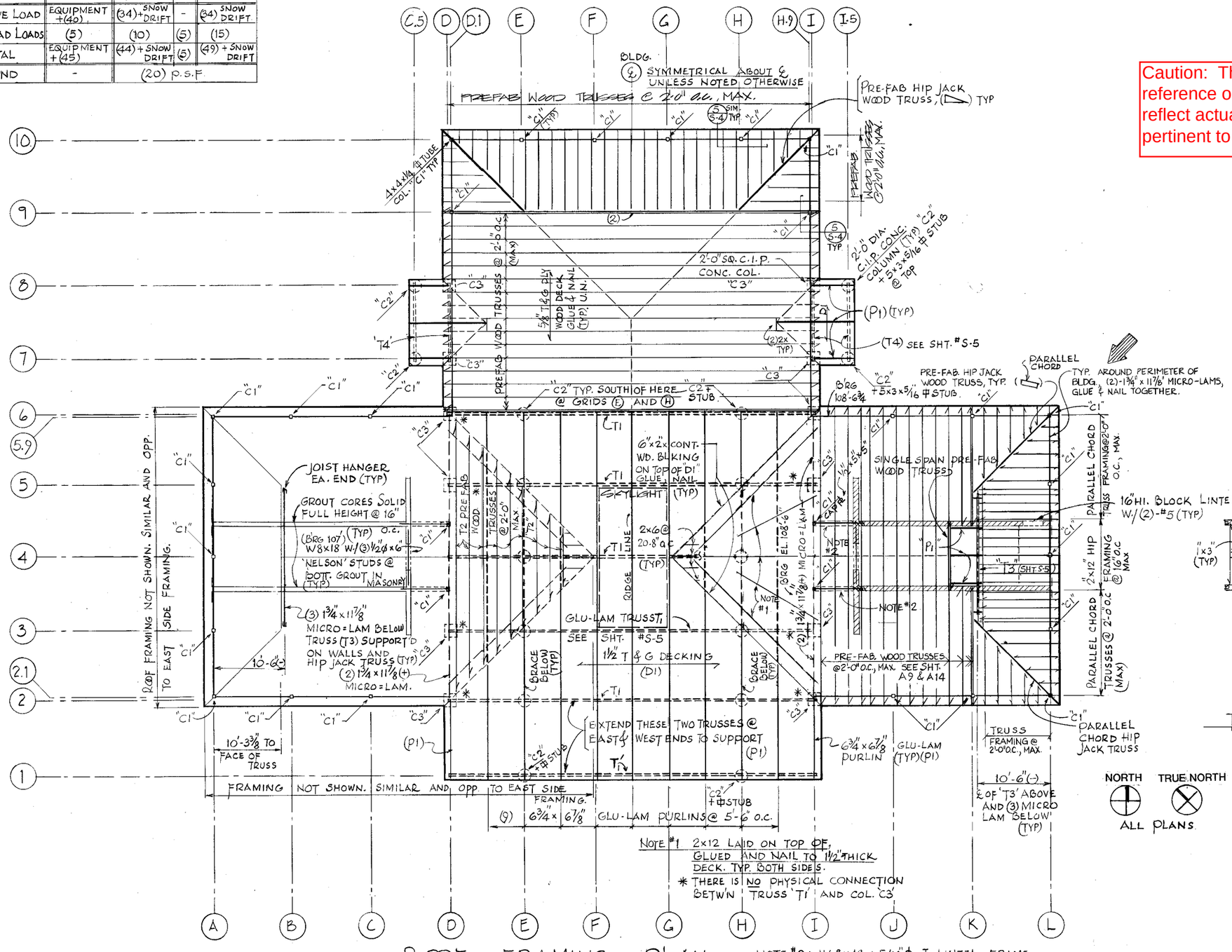
4/03/90

Cat. No. 2130 – D142

STATE PROJECT NUMBER	SHEET NO.
1032 07 73	2.35
MEZZANINE LEVEL AND ROOF FRAMING PLAN	S-2

SUPERIMPOSED LOADS (PSF)				
	MEZZANINE	ROOF		
	-	T.C.	B.C.	TOTAL
LIVE LOAD	EQUIPMENT +(40)	(34)+SNOW DRIFT	-	(34) SNOW DRIFT
DEAD LOADS	(5)	(10)	(5)	(15)
TOTAL	EQUIPMENT +(45)	(44) + SNOW DRIFT	(5)	(49) + SNOW DRIFT
WIND	-	(20) P.S.F		

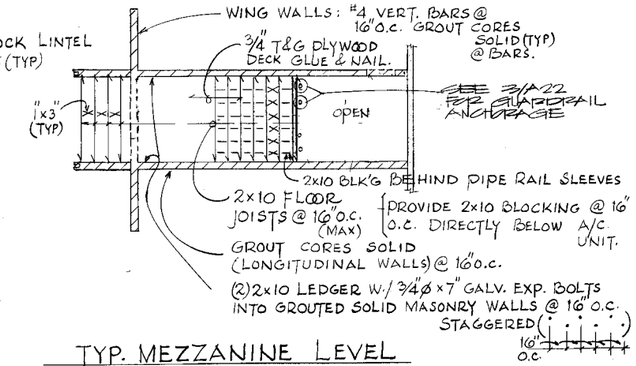
Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

NOTE #1 2x12 LAID ON TOP OF, GLUED AND NAIL TO 1 1/2" THICK DECK. TYP. BOTH SIDES.
* THERE IS NO PHYSICAL CONNECTION BETW'N TRUSS 'T1' AND COL. 'C3'

NOTE #2: W 8x18 +5/16 ⌀ I LINTEL FRAME INTO SIDE OF 'C1'. (4) REQ'D. BRG. EL. 107'-0"

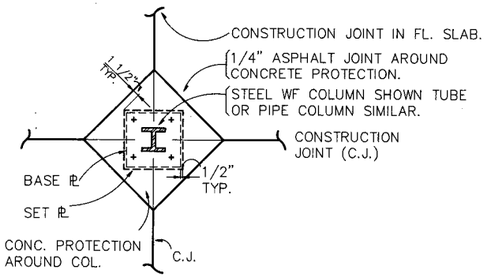


TYP. MEZZANINE LEVEL FRAMING PLAN
SCALE: 1/8" = 1'-0"

EAST MEZZANINE SHOWN. WEST MEZZANINE SIMILAR & OPPOSITE.

NORTH TRUE NORTH
ALL PLANS

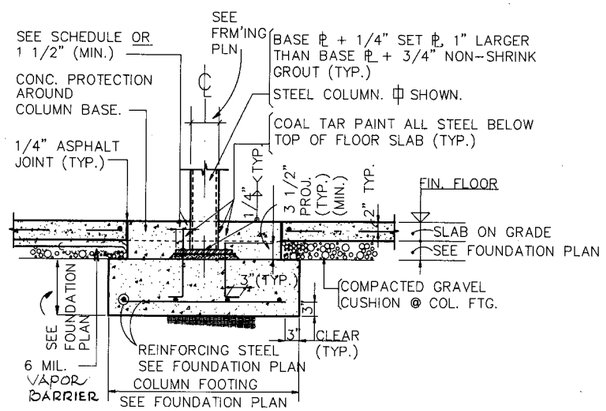
STATE PROJECT NUMBER	SHEET NO.
1032 07 73	2.36
DETAILS	S-3



SIMILAR DETAIL @ CONCRETE OR MASONRY COL.
USE W/ APPROPRIATE MODIFICATIONS.

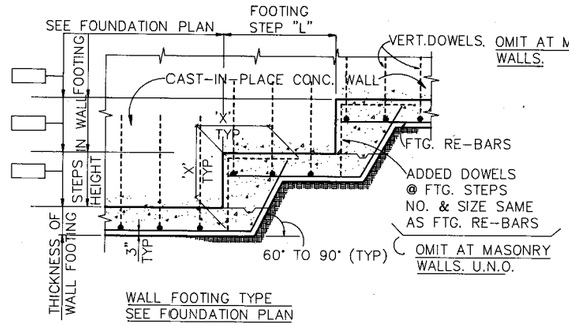
(1/S3) PLAN VIEW — NO SCALE

NOTE: SIMILAR DETAIL AT ⊞ OR ⌀ COLUMNS.
SIMILAR DETAIL @ CONCRETE COLUMN.



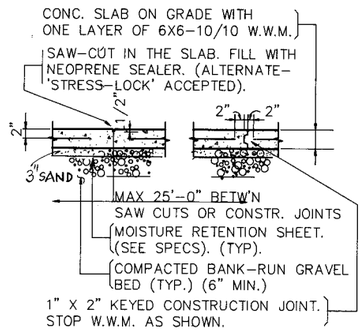
NOTE: SIMILAR DETAIL AT WF OR PIPE (⌀) COLUMNS.
SIMILAR DETAIL @ CONCRETE OR MASONRY COL.
USE W/ APPROPRIATE MODIFICATIONS.

(4/S3) TYP. COLUMN FOOTING DETAIL (INTERIOR COLUMN ONLY) — NO SCALE

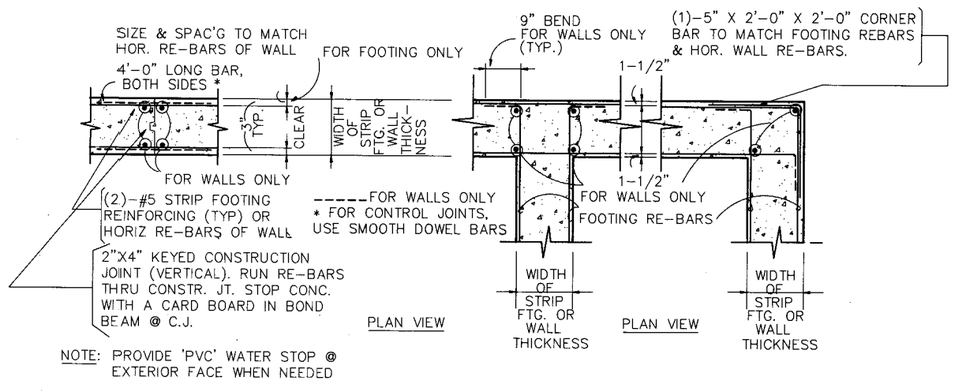


NOTE: SIMILAR DETAILS AT TRENCH FOOTINGS.
OMIT VERTICAL DOWELS AT MASONRY WALLS U.N.O.

(2/S3) DETAIL AT STEPS IN WALL FTG. — NO SCALE



(3/S3) TYP. SAW-CUT & CONSTR. JT. IN FLOOR SLAB — NO SCALE

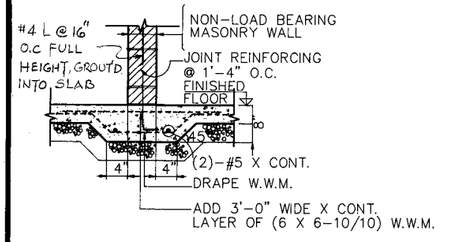


NOTE: PROVIDE 'PVC' WATER STOP @ EXTERIOR FACE WHEN NEEDED

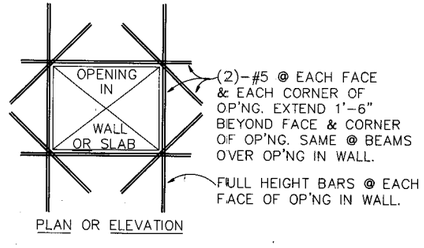
NOTE: SIMILAR DETAILS AT TRENCH FOOTINGS AND GRADE BEAMS

(5/S3) TYP. CONSTR. JOINT IN WALL AND WALL FTG. — NO SCALE

(6/S3) TYP. CORNER REINF. IN WALL AND WALL FTG. — NO SCALE



(7/S3) THICKENED SLAB @ NON-LOAD B'RG INT. MASONRY WALL — NO SCALE



PLAN OR ELEVATION

(8/S3) TYP. ADDITIONAL RE-BARS @ OP'NGS IN WALLS — NO SCALE

NOTES FOR PREFABRICATED WOOD TRUSSES:

1. All prefabricated wood trusses shall be designed for the applicable loads & span parameters by the truss contractor. DILHR requires shop drawings with engineering data for such trusses with a stamp and signature of a registered professional engineer from the State of Wisconsin.
   The following data for wood trusses must be followed for the design.
   - Wood Truss Profile Data
     - See framing plans for superimposed design loads.
     - Truss spacing = (see framing plans)
     - Live load deflection: L/360 or better
2. Provide necessary temporary and permanent bracing/bridging for support of trusses. Follow appropriate erection procedures relative to number of trusses, erected temporary/permanent bracing/bridging based on prevailing weather conditions (wind, snow, ice, etc.). A/E shall not be responsible for any consequences for inadequate bracing/bridging.
3. Contractor shall adequately guy and brace all structural components to maintain safety and alignment during all phases of construction. Such guying and bracing shall remain in place until the structure has reached adequated strength and is permanently braced.

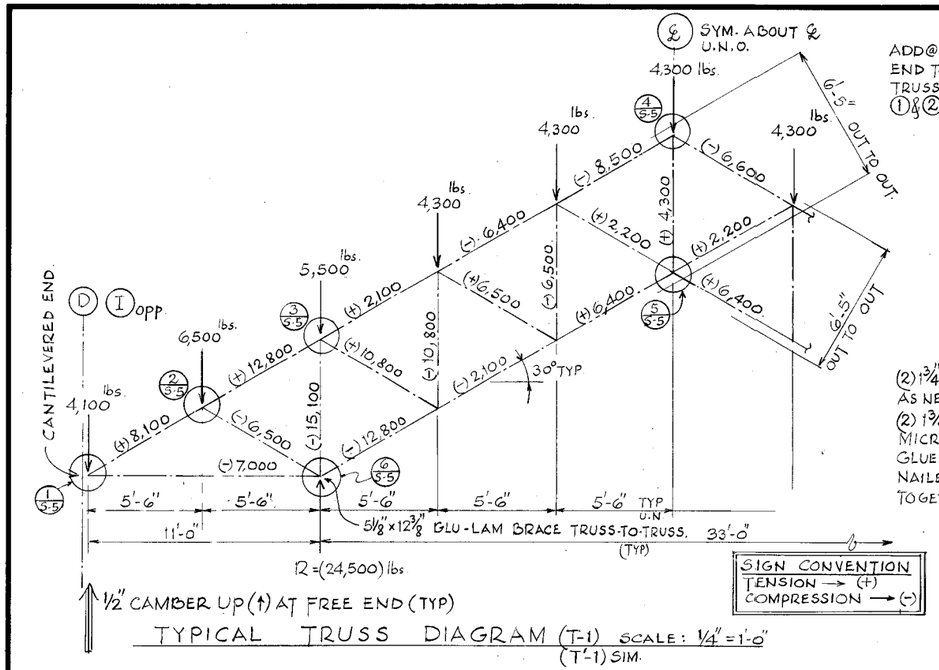
STRUCTURAL NOTES AND SPECIFICATIONS (AS APPLIES) FOR THE ENTIRE PROJECT:

1. Strength of Materials:
   - Concrete fc' = 4,000 psi (air-entrained for exposed to weather concrete)
   - Re-bars fs = 24,000 psi (Grade 60)
   - Masonry heavy aggregate concrete block below grade
   - Mortar Type 'S'
   - Structural and miscellaneous steel A36 U.N.O. (painted)*; tube and pipe sections 46 Ksi (painted)*
   - Connection bolts A325
   - Anchor bolts A307

   * Steel encased in or in contact with masonry shall be painted with bituminous paint. Steel exposed to weather shall be prime painted with rust inhibitive paint.
   - Wood = 1,350 psi Douglas Fir #2 or better
   - Prefabricated structural wood (primarily in bending) (GLU-LAM)
     Fb = 2,400 psi; Fc⊥ = 450 psi (Tension face)
     Ft = 1,600 psi; Fc⊥ = 385 psi (Compression face)
     Fc = 1,500 psi; Fv = 165 psi
     E = 1,800,000 psi
   - Prefabricated structural wood for trusses (GLU-LAM)
     Fb = 2,600 psi; Fc⊥ = 650 psi
     Ft = 1,400 psi; Fv = 200 psi
     Fc = 1,200 psi; Eb = 1,800,000 psi
     Et = 1,700,000 psi
   - MICRO-LAM DATA:
     Fb = 2,500 psi
     fv = 285 psi
     E = 2,000,000 psi
   - Plywood shall be exterior type w/ exterior glue (DX) 'DFPA' trademark stamped.
2. Minimum soil bearing capacity = 2,000 psf for wall ftg. and 2,000 psf for column footings. (soil boring log, if available, will become part of the construction documents.)
3. Follow latest ACI, CRSI, and all applicable loads.
4. Follow latest AISC Code for design, fabrication and erection of structural and miscellaneous steel.
5. New concrete footings shall rest at elevation shown on foundation plan. ▭ represents top of column footing or wall footing.
6. Steel fabricator shall punch 7/16" diameter holes @ 2'-0" +/- o.c. for wood anchorage where wood is attached to structural & miscellaneous steel.
7. If for some unforeseen reason it becomes necessary to drop a column footing, Concrete Contractor shall provide a suitable concrete pier with minimum reinforcing per ACI. 16" sq. pier w/ (8)-#6 + #3 ⊞ ties.
8. Concrete Contractor shall be responsible for coordinating and providing concrete platforms/pedestals for electricals and mechanicals as and where required. Provide 1/2" isolator joint between pads and floor slab.
9. At no place shall the thickness of the floor slab be less than specified. Concrete Contractor to locate and provide recesses in floor slab for plumbing, electricals and mechanicals.
10. See architectural drawings for additional dimensions and information.
11. Abbreviate U.S(N.).O. on drawings means "UNLESS SPECIFIED (NOTED) OTHERWISE".
12. All steel columns shall, unless specified otherwise, have 3/4" cap and base plate with (4) 3/4" ⌀ bolts.
13. Contractor shall adequately guy and brace all structural components to maintain safety and alignment during all phases of construction. Such guying and bracing shall remain in place until structure has reached adequate strength and is permanently braced.
14. Some of these details are generic and others are anticipated to be used in future. Use them as and where appropriate.

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.

STATE PROJECT NUMBER	SHEET NO.
1032 07 73	2.38
TRUSS DETAILS (MORE DETAILS ON SHT.#S-4)	S-5



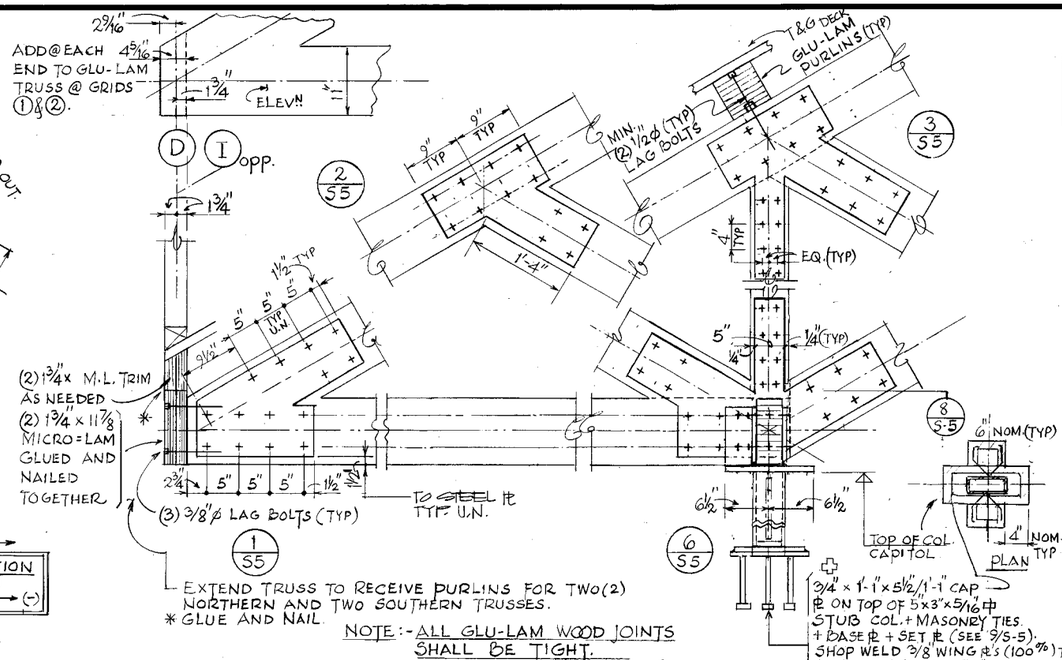
TYPICAL TRUSS DIAGRAM (T-1) SCALE: ¼"=1'-0"
(T'-1) SIM.

TYPICAL MEMBER SIZES FOR ALL GLU-LAM TRUSSES.

- TOP CHORD, BOTTOM CHORD & DIAG. WEBS = 5⅛"x11" (6¾"x11" FOR T-1)
- VERTICAL WEBS = 5⅛"x5½" GLU-LAM.
- ROOF PURLINS ABOVE TRUSS (T1) = 6¾" x 6⅞" GLU-LAM WITH 1½"x1½" RECESS FOR UNISTRUT WHERE NOTED.
- BOTTOM CHORD BRACING = 5⅛"x12⅜" → GLU-LAM. CAMBER
- 2x6 T&G WOOD DECKING (MIN. TWO SPAN CONT.) (ARCHITECTURAL GRADE)
- GUSSET ℄'S 5/16" MIN GALV., PAINTED W/ COLOR SELECTED BY ARCHITECT. + 5/8"ø THRU BOLTS GALV.
- GUSSET ℄'S ARE ON BOTH FACES OF EVERY GLU-LAM TRUSS.
- USE TREATED WOOD FOR EXPOSED TO WEATHER MEMBERS.

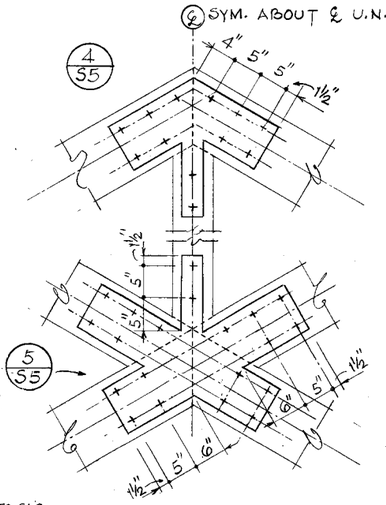
TRUSS DIAGRAM NOTES:

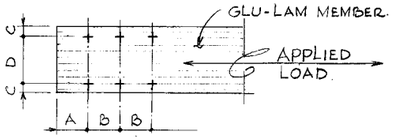
- LOAD AND STRESSES SHOWN ABOVE ARE IN POUNDS AND REPRESENT MOST CRITICAL COMBINATION FOR VARIOUS DESIGN COMBINATION.

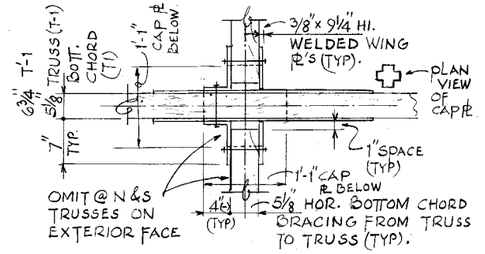


NOTE:
- ALL GLU-LAM WOOD JOINTS SHALL BE TIGHT.
- ALL GUSSET ℄'S SHALL BE ONE PIECE.
- ALL COLUMN CAPITOLS SUPPORTING WOOD ⊕ ARE SIMILAR TO THIS →
- STUB COL SITS ON TOP OF C.I.P. CONC. COL.

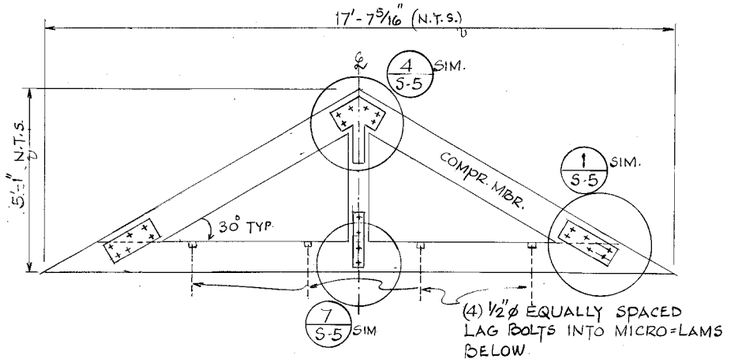
TYPICAL JOINT DETAILS FOR GLU-LAM TRUSS T-1 (T'-1) SIM.
SCALE: 1" = 1'-0"





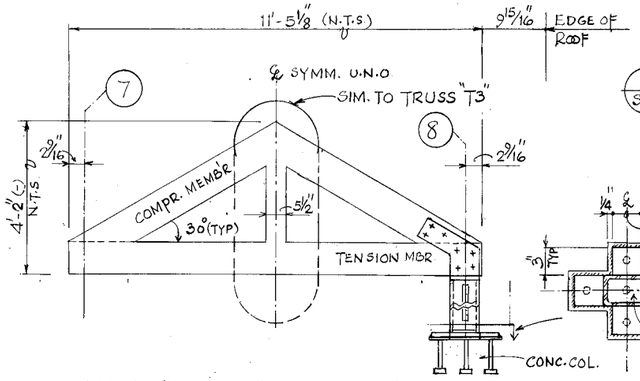


8/S-5 PLAN VIEW - BOTT. CHORD BRACE TO TRUSS "T-1"
SCALE: 1"=1'-0" (T'-1) SIM.



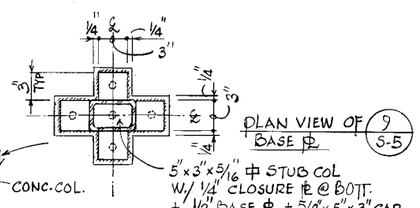
TOTAL (2) SUCH TRUSSES @ LOUVERS

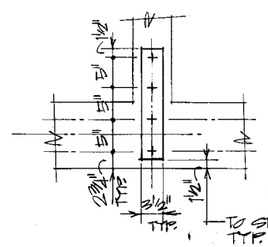
11/S-5 TYPICAL GLU-LAM TRUSS T-3 ELEVATION
SCALE: ½" = 1'-0"



TOTAL (4) SUCH TRUSSES AT EAST-WEST CANOPIES

10/S-5 TYPICAL GLU-LAM TRUSS "T-4" ELEVN.
SCALE: ½" = 1'-0"

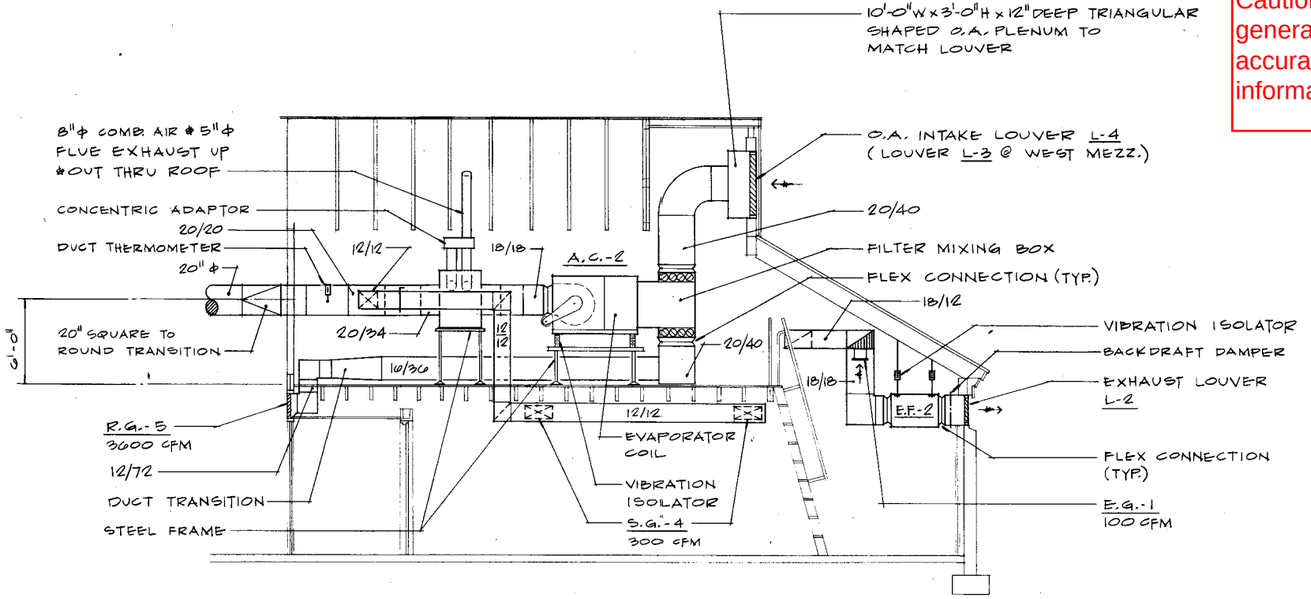




7/S-5 VERT. TRUSS MEMBER

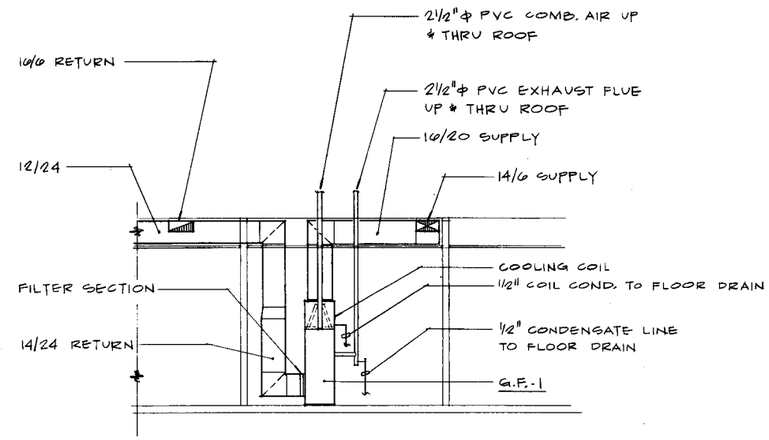
STATE PROJECT NUMBER	SHEET NO.
1032-07-73	2,40
SECTIONS	HV-2

Caution: These file drawings are provided for general reference only, and are not guaranteed to accurately reflect actual conditions. Field verify all information pertinent to the work.



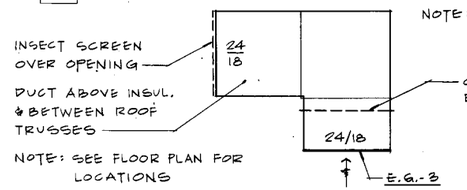
SECTION "A/2"

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



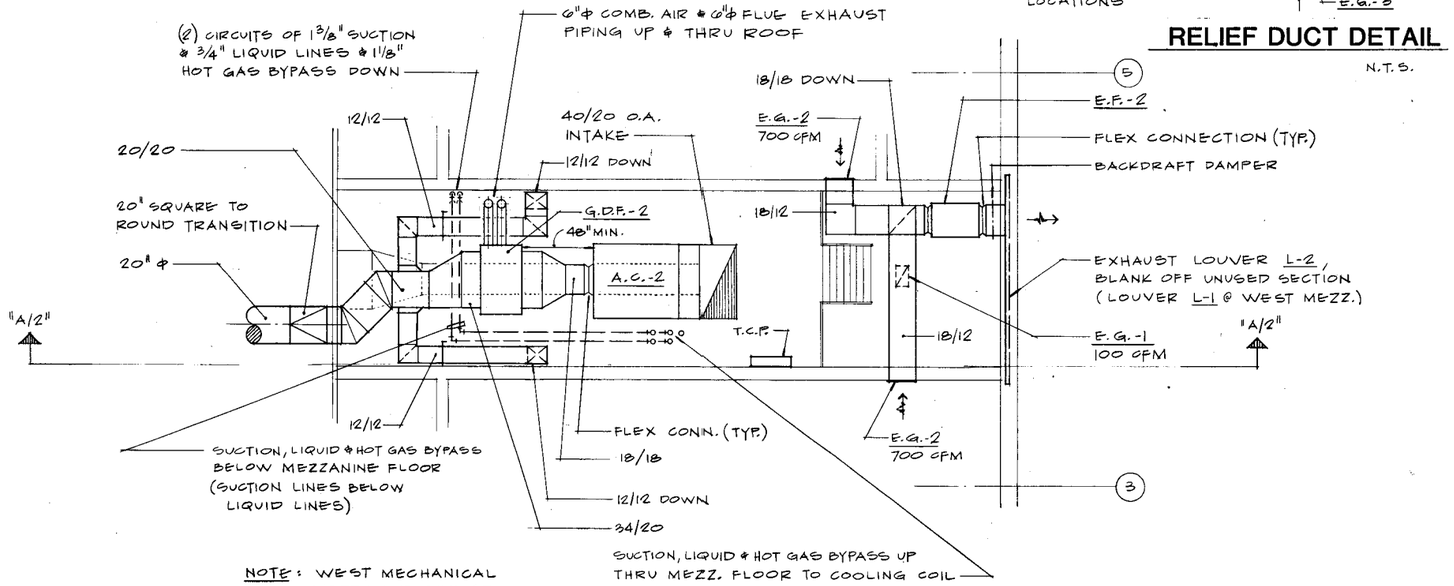
SECTION "B/2"

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



RELIEF DUCT DETAIL

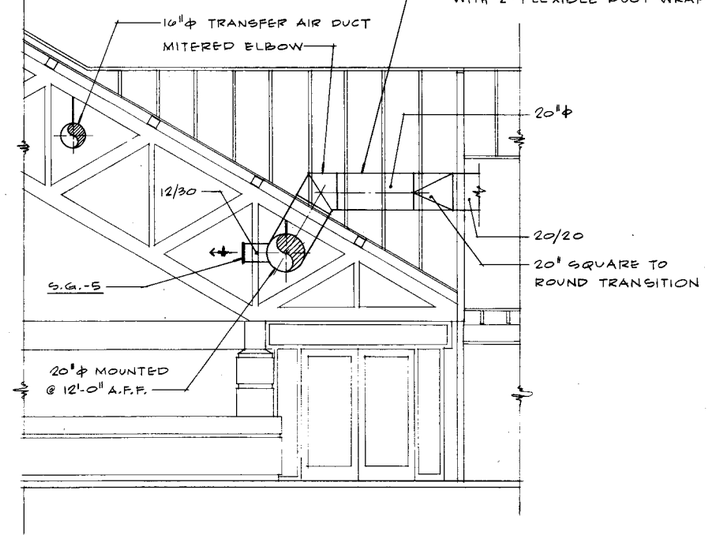
N.T.S.



NOTE: WEST MECHANICAL MEZZANINE SIMILAR

MECHANICAL MEZZANINE PLAN

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

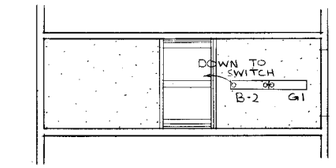


SECTION "C/2"

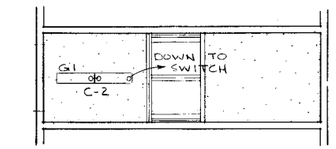
SCALE: 1/4" = 1'-0"

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.51
ELECTRICAL CEILING PLAN	E-4

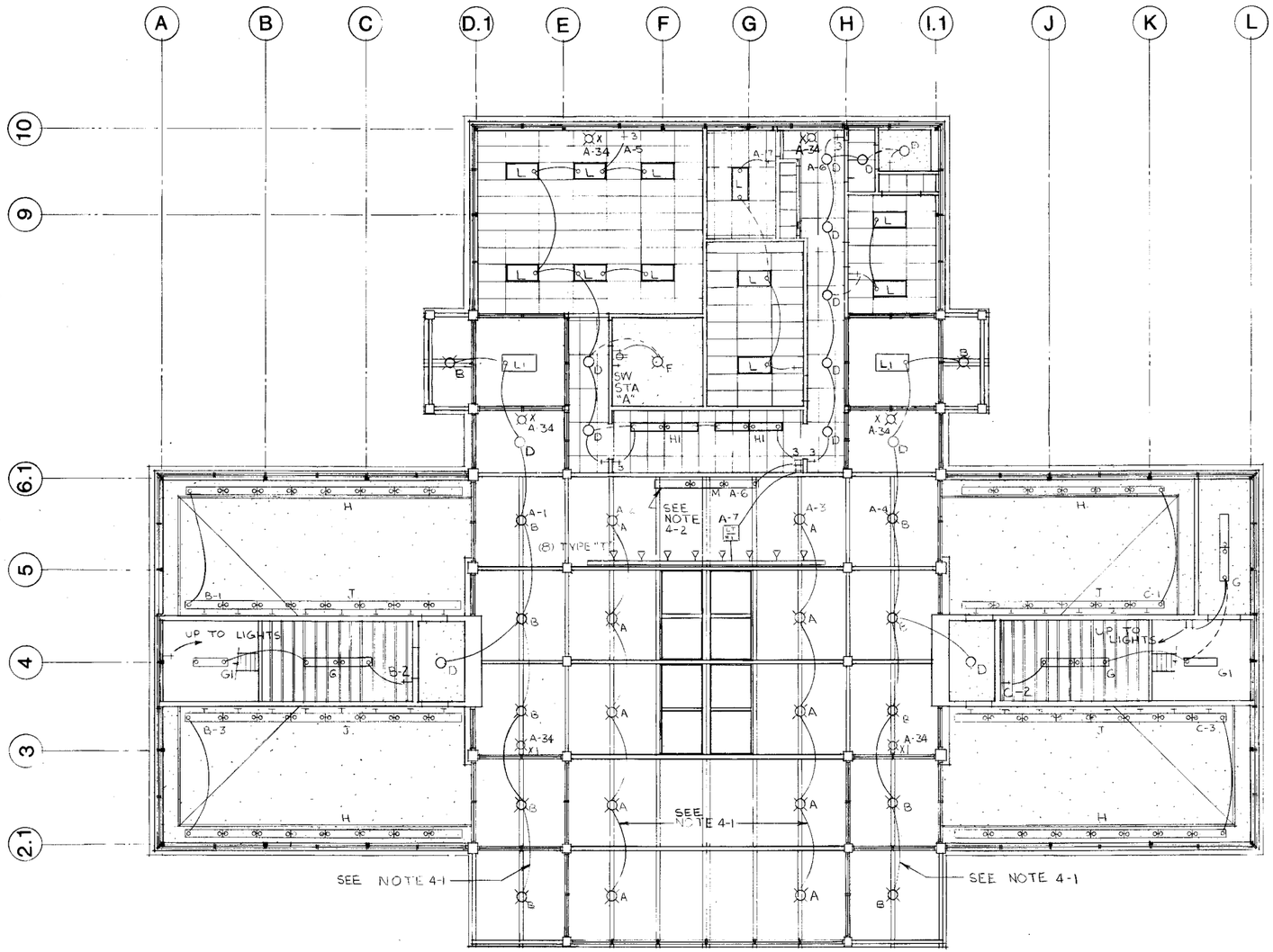
SWITCH STATION SCHEDULE					
SW. STA.	NO.	TYPE	CONTROLLING PLATE ENGRAVED	CONTROLLING CIRCUIT	SEE NOTE
A	1	⊣	WEST SIDE CORR.	A-1	
	2	⊣	MAIN AREA-WEST	A-2	
	3	⊣	MAIN AREA-EAST	A-3	
	4	⊣	EAST SIDE CORR.	A-4	
	5	⊣	WMN'S ROOMS	B-35	
	6	⊣	MEN'S ROOMS	C-34	



WOMEN'S TOILETROOM MEZZANINE



MEN'S TOILETROOM MEZZANINE



PLAN NOTES

4-1. WIRE SHALL BE RUN IN UNISTRUT CHANNEL, RECESSED INTO PERLIN, SEE DETAIL 2 ON SHEET A-19.

4-2 INSTALL ON TOP OF INFORMATION COUNTER DIRECTED UP.

STATE PROJECT NUMBER	SHEET NO.
1032·07·73	2.52

SCHEDULES

E-5

LIGHTING FIXTURE SCHEDULE

NO	LAMP DATA NO	LAMP DATA TYPE	DESCRIPTION	LIGHTING FIXTURES MAKE	LIGHTING FIXTURES CATALOG NO.	MTD.	CLG. TYPE	SEE NOTE	VOLTS
A	1	M250/3K BU	INDUSTRIAL HIGH BAY REMOTE MOUNT UNIT	BENJAMIN	IRM-250-120	SUSP.			120
				DAY-BRITE	RB25MH-12-HBA-56	SUSP.			120
				LUMARK	MH5S-SA1BC-250-120SS	SUSP			120
B	1	PAR 38	CYLINDER WITH BLACK MILLIGROOVE BAFFLE	PRESCOLITE	1125-920 BLK	SUSP			120
				CAPRI	PC 1501 BLK	SUSP			120
				HALO	H1312 BZ	SUSP			120
D	2	2-PL26W	OPEN APERTURE DNLTS W/ALZAK REFLECTOR	PRESCOLITE	CFR826-492	RECESS			120
				OMEGA	EY5085 TW	RECESS			120
				COOPER	H7826-9826C	RECESS			120
F	1	100A	PORCELAIN LAMPHOLDER	P&S	44	SURFACE			120
G	2	F40LW	2 LAMP STRIP W/SYM REFL	WILLIAMS	7622	SURFACE		LF-3	120
				DAY-BRITE	48295-4	SURFACE			120
				LITHONIA	UN 248 120	SURFACE		LF-4	120
G1	2	F40LW	SAME AS TYPE "G" EXCEPT SUSPENDED	WILLIAMS	7622	SUSP.		LF-3	120
				DAY-BRITE	48295-4	SUSP.			120
				LITHONIA	UN 248 120	SUSP.		LF-4	120
H	2	F40WW -WM	1X4 TROFFER W(.125) ACRYLIC LENS	WILLIAMS	EPF-S122-RWKA125	RECESS	CONCEAL		120
				DAY-BRITE	SF142 MFS21A	RECESS	CONCEAL		120
				LITHONIA	SPF 240 A12.125120	RECESS	CONCEAL		120
H1	2	F40WW -WM	SAME AS TYPE "H" EXCEPT LAY-IN	WILLIAMS	EPG-S122-RWKA125	RECESS	LAY-IN		120
				DAY-BRITE	SG 142-MFS21A	RECESS	LAY-IN		120
				LITHONIA	SPG 240 A12.125 120	RECESS	LAY-IN		120
J	2	F40WW -WM	WALL BRACKET	BENJAMIN	CZX-2224-4W	WALL			120
				METALUX	BIU-240-120	WALL			120
				LITHONIA	WB 240	WALL		LF-1	120
L	3	F40WW -WM	2X4 TROFFER W/(.125) ACRYLIC LENS	WILLIAMS	EPG-S223-RWKA 125	RECESS	LAY-IN		120
				DAY-BRITE	SG 243-MFS210	RECESS	LAY-IN		120
				LITHONIA	2GT 340 A12.125 120	RECESS	LAY-IN		120
M	1	F40WW -WM	SINGLE LAMP STRIP	WILLIAMS	7520	SURFACE		LF-2	120
				DAY-BRITE	S-140 HRS	SURFACE		LF-2	120
				LITHONIA	S-140 HRS120	SURFACE		LF-2	120
T	1	R-20	ROUND BACK CYLINDER FOR LIGHT TRACK	PRESCOLITE	T112	TRACK			120
				CAPRI	KT220-2	TRACK			120
				LITHONIA	TCR-20	TRACK			120
X	1	6WT-5	EXIT MATTE BLACK STENCIL FACE	LITHONIA	FAS 1R	SURFACE			120
	2	PL-7		SILTRON	UXF-DR-120-B	SURFACE			120
	1	PL-7		DUAL-LITE	FLX-1-RB	SURFACE			120
X1	1	6WT-5	SAME AS TYPE "X" EXCEPT PENDANT MOUNTED	LITHONIA	FAS 1R	PENDANT		LF-5	120
	2	PL-7		SILTRON	UXF-DR-120-B	PENDANT		LF-6	120
	1	PL-7		DUAL-LITE	FLX-1-RB	PENDANT		LF-7	120

NOTES

1. LIGHT FIXTURE SHALL BE PROVIDED WITH TOP AND BOTTOM ACRYLIC LENS.
2. LIGHT FIXTURES MOUTED FACING UP ON TOP OF BACK COUNTER AT INFORMATION COUNTER
3. INCLUDE SYMMETRIC REFLECTOR CAT NO. R1240.
4. INCLUDE SYMMETRIC REFLECTOR CAT NO. AS48.
5. INCLUDE STEM CAT. NO. ES12.
6. INCLUDE STEM CAT NO P12.
7. INCLUDE STEM CAT NO FF-PM-B.

SPECIAL OUTLET SCHEDULE — GENERAL: Drawing Symbol – ⊕

MARK TO	MARK UO	EQUIPMENT SERVED TYPE	LOC.	HP	KW	AMPS	VOLT	Ø	PWR. SOURCE PANEL	PWR. SOURCE C/B	TERMINAL R	TERMINAL D	TERMINAL B	SO NOTE
HD		HAND DRYER			2.0	(30)	120	1	SEE	DWG			X	
DF1		DRINKING FOUNTAIN - SINGLE			0.6		120	1	SEE	DWG	X			
DF2		DRINKING FOUNTAIN - 2 LEVEL			0.6		120	1	SEE	DWG	X			
V		VENDING MACHINE			1.0		120	1	SEE	DWG	X			
UH		ELEC. CABINET UNIT HTR.			6.0		208	3	SEE	DWG			X	
B1		ELEC. BASE BOARD HTR.			1.0		208	1	SEE	DWG			X	
B2		ELEC. BASE BOARD HTR.			1.0		208	1	SEE	DWG			X	
CH		ELEC. CEILING HEATER			5.0		208	3	SEE	DWG			X	
	E1	ELEC. WALL HEATER	RM21		4.0		208	1	A	17			X	
W1		WATER HEATER TYPE A			12.0	(30)	208	3	SEE	DWG		X		
	W2	WATER HEATER TYPE B	RM27		4.6	(30)	208	1	A	13		X		
	W3	WATER HEATER TYPE C	RM20		8.0	(50)	208	1	A	12		X		
E2		ELEC. WALL HEATER			1.5		208	1	SEE	DWG			X	
	HT	HEAT TAPE - WELL PUMP CONTROL	POND		1.0		120	1	C	33				1
	SV	SOL VALVE - FOUNTAIN CONTROL	POND		1.0		120	1	C	35				1
TC		TEMPERATURE CONTROL PANEL			0.5		120	1	SEE	DWG			X	
	H1	UNIT HEATER - MAINT. BLDG.	MAINT. BLDG.		15		208	3	M	5			X	

NOTES

1. INSTALLED UNDER A FUTURE/CONCURRENT CONTRACT.

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MOTOR WIRING SCHEDULE 6

NO.	MOTOR CHARACTERISTICS HP	VOLT	Ø	DRIVING/LOCATION	X-REF. DES.	PWR FEED SOURCE	PWR FEED NO	STARTER TYPE	STARTER F	STARTER I	STARTER W	STARTER LOC.	CONTROL TYPE	CONTROL F	CONTROL I	CONTROL W	CONTROL LOC.	MW NOTE
1	50 MCA	208	3	CONDENSING UNIT	C.U.1	MOP	-	MAG	HV	EC	EC	IU						1
2	50 MCA	208	3	CONDENSING UNIT	C.U.2	MOP	-	MAG	HV	EC	EC	IU						1
3	17 MCA	208	3	CONDENSING UNIT	C.U.3	MOP	-	MAG	HV	EC	EC	IU						2
4	3.0	208	3	AIR HANDLING UNIT	A.C.1	B	25	COMB	HV	EC	EC	NU						
5	½	208	3	EXHAUST FAN	E.F.1	B	16	COMB	HV	EC	EC	NU						
6	3.0	208	3	AIR HANDLING UNIT	A.C.2	C	15	COMB	HV	EC	EC	NU						
7	½	208	3	EXHAUST FAN	E.F.2	C	28	COMB	HV	EC	EC	NU						
8	⅓	120	1	GAS FURNACE	G.F.-1	A	11	MAN.	HV	EC	EC	NU						
9	3.3 MCA	120	1	EXHAUST FAN	E.F.3	A	33	–	–	–	–	–	SPEED SWITCH	EC	EC	EC	RM 20	3
10	1.0 MCA	120	1	EXHAUST FAN	E.F.4	A	6	–	–	–	–	–	LIGHT SWITCH	EC	EC	EC	RM 27	4
11				NOT USED														
12	½	120	1	AIR COMPRESSOR		B	12	MAN	V	EC	EC	NU						
13	1/11	120	1	CEILING TRANS. FAN	T.F.1	A	30	MAN	HV	EC	EC	07						
14	1/11	120	1	CEILING TRANS. FAN	T.F.2	A	32	MAN	HV	EC	EC	07						
15	10	208	3	FLOAT. FOUNT. PUMP		C	39	MAG	V	EC	EC	CP						5,6
16	2	208	3	WELL PUMP		C	38	MAG	V	EC	EC	CP						5,6
17	1.9A	120	1	GAS DUCT FURNACE	G.D.F.1	B	34	MAN	HV	EC	EC	NU						
18	1.9A	120	1	GAS DUCT FURNACE	G.D.F.2	C	44	MAN	HV	EC	EC	NU						

NOTES

1. PROVIDE WATERPROOF DISCONNECT SWITCH, SQUARE D, MODEL NO. DU323RB.
2. PROVIDE WATERPROOF DISCONNECT SWITCH, SQUARE D, MODEL NO. DU321RB.
3. WIRE TO SPEED SWITCH
4. WIRE TO LIGHT SWITCH IN ROOM 27.
5. INSTALLED UNDER A FUTURE/CONCURRENT CONTRACT.
6. STARTERS LOCATED IN CONTROL PANEL

ABBREVIATIONS

IU	INTEGRAL TO UNIT
NU	NEAR UNIT
HV	HEATING/VENTILATING CONTRACTOR
EC	ELECTRICAL CONTRACTOR
F	FURNISHED BY
I	INSTALLED BY
W	WIRED BY
CP	CONTROL PANEL

Notes

Wisconsin Department of Transportation

Dedicated people creating transportation solutions
through innovation and exceptional service.

http://www.dot.wisconsin.gov