# DANE COUNTY DEPT. OF PUBLIC WORKS, HIGHWAY & TRANSPORTATION

1919 Alliant Energy Center Way Madison, Wisconsin 53713 Office: 608/266-4018 ◊ Fax: 608/267-1533 Public Works Engineering Division

# ADDENDUM

March 22, 2019

## ATTENTION ALL REQUEST FOR BID (RFB) HOLDERS

#### RFB NO. 318033 - ADDENDUM NO. 1

## AVIARY SKYLIGHT PANEL REPLACEMENT

**<u>BIDS DUE</u>**: TUESDAY, APRIL 9, 2019, 2:00 PM. DUE DATE AND TIME ARE NOT CHANGED BY THIS ADDENDUM.

This Addendum is issued to modify, explain or clarify the original Request for Bid (RFB) and is hereby made a part of the RFB. Please attach this Addendum to the RFB.

#### PLEASE MAKE THE FOLLOWING CHANGES:

#### **1. Basic Requirements**

Page 2 - Item 1.2.A.: After this iten, insert the following:

"B. Existing gutter and downspouts shall be carefully removed and reinstalled as part of the Work. The approximate length of gutter to be removed and reinstalled is 95 L.F."

Page 7 - Item 1.22.A.: After this item, insert the following:

"B. Flat roofs adjacent to all Kalwall roof areas are to be protected by one layer of  $\frac{3}{4}$ " thick plywood over one layer of 2" thick extruded polystyrene which is laid on top of the flat roof membrane. Plywood sheets shall be "knitted" together with 2 x 4 toe boards at each edge. 2 x 4 ends shall be staggered from plywood ends a minimum of 2 feet. Protection shall extend from the work area a minimum of 8 feet. Walkways or access ways traversing flat roof areas to get to the work area shall be of the same protection and a minimum of 8 feet wide. Walkways shall be ballasted to keep them in place against wind uplift."

#### 2. Section 086300 - Skylight System Specification

Page 4 - Item 2.2.A.2.:

Change "Light transmission 15% value per NFRC Certified based on NFRC 202" to "Light transmission 14% value per NFRC Certified based on NFRC 202".

Change "Solar heat gain coefficient: .30" to "Solar heat gain coefficient: .20"

#### 3. Sheet SP1.1 - Site Plan

Add new Sheet SP1.1, issued with this Addendum, for reference.

#### 4. Sheet A1.2 - Upper Floor Plan & Building Schedules

Add new Sheet A1.2, issued with this Addendum, for reference.

#### 5. Sheet A3.1 - Roof Plan & Roof Details

Add new Sheet A3.1, issued with this Addendum, for reference.

#### 6. Sheet A4.1 - Exterior Elevations

Add new Sheet A4.1, issued with this Addendum, for reference.

#### 7. Sheet A4.2 - Exterior Elevations

Add new Sheet A4.2, issued with this Addendum, for reference.

#### 8. Pre-Bid Sign-Up Sheet

Add Pre-Bid Sign-Up Sheet, issued with this Addendum, for reference.

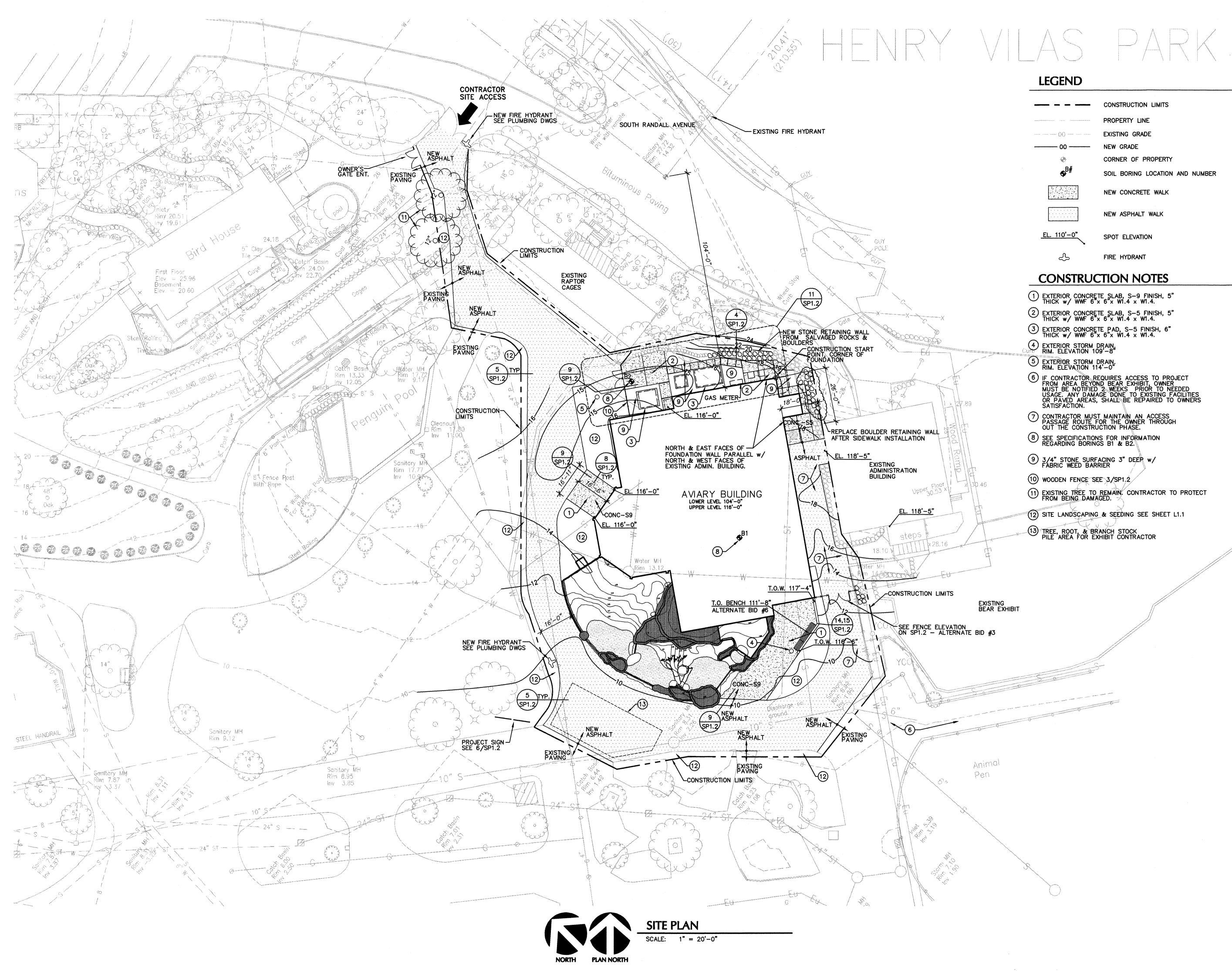
If any additional information about this Addendum is needed, please call Eric Urtes at 608/266-4798, urtes.eric@countyofdane.com.

Sincerely, Eric Urtes, AIA Project Manager

Enclosures:

Sheet SP1.1 - Site Plan Sheet A1.2 - Upper Floor Plan & Building Schedules Sheet A3.1 - Roof Plan & Roof Details Sheet A4.1 - Exterior Elevations Sheet A4.2 - Exterior Elevations Pre-Bid Sign-Up Sheet

H:\Shared\ENGINEERING DIVISION\Eric Urtes\HENRY VILAS ZOO PROJECT FILES\318033 - Aviary Skylight Panel Replacement\03 - Addendum 1\1 - RFB 318033 Addendum 1.docx



VERSION:14. LOCATION:P: FILE: 991930

 $\square$ 

LEGEND
--------

CONSTRUCTION LIMITS
PROPERTY LINE
EXISTING GRADE
NEW GRADE
CORNER OF PROPERTY
SOIL BORING LOCATION AND NUMBER
NEW CONCRETE WALK
NEW ASPHALT WALK
SPOT ELEVATION
FIRE HYDRANT

## **CONSTRUCTION NOTES**

- 1 EXTERIOR CONCRETE SLAB, S-9 FINISH, 5" THICK w/ WWF 6"x 6"x W1.4 x W1.4.
- 2 EXTERIOR CONCRETE SLAB, S-5 FINISH, 5" THICK w/ WWF 6"x 6"x W1.4 x W1.4.
- 3 EXTERIOR CONCRETE PAD, S-5 FINISH, 6" THICK w/ WWF 6"x 6"x W1.4 x W1.4.
- EXTERIOR STORM DRAIN, RIM. ELEVATION 109-8
- 5 EXTERIOR STORM DRAIN, RIM. ELEVATION 114'-0"
- 6 IF CONTRACTOR REQUIRES ACCESS TO PROJECT FROM AREA BEYOND BEAR EXHIBIT, OWNER MUST BE NOTIFIED 2 WEEKS PRIOR TO NEEDED USAGE. ANY DAMAGE DONE TO EXISTING FACILITIES OR PAVED AREAS, SHALL BE REPAIRED TO OWNERS SATISFACTION.
- CONTRACTOR MUST MAINTAIN AN ACCESS PASSAGE ROUTE FOR THE OWNER THROUGH OUT THE CONSTRUCTION PHASE.
- 8 SEE SPECIFICATIONS FOR INFORMATION REGARDING BORINGS B1 & B2.
- (9) 3/4" STONE SURFACING 3" DEEP w/ FABRIC WEED BARRIER
- 10 WOODEN FENCE SEE 3/SP1.2
- 1) EXISTING TREE TO REMAIN. CONTRACTOR TO PROTECT FROM BEING DAMAGED.
- 12 SITE LANDSCAPING & SEEDING SEE SHEET L1.1
- 13 TREE, ROOT, & BRANCH STOCK PILE AREA FOR EXHIBIT CONTRACTOR

EXISTING BEAR EXHIBIT

Animal Pen

S



COPYRIGHT 2000 ARCHITECT: DURRANT

STRUCTURAL ENGINEER: DURRANT

MECHANICAL ENGINEER: DURRANT

ELECTRICAL ENGINEER: DURRANT

LANDSCAPE ARCHITECT: PATRICK JANIKOWSKI ARCHITECTS p.s.

ZOOLOGICAL CONSULTANT: PATRICK JANIKOWSKI ARCHITECTS p.s.

REVISIONS

	<u> </u>
PROJECT NO.	99193.00
DATE	10/12/00
DRAWN BY	CLR
CHECKED BY	GTB
SHEET CONTEN	TS

SITE PLAN

P:\99193\Drawings 9919300SP11.dwg

SHEET

**SP1.1** 6 OF 94

## **ROOM NAMES**

200 201	VESTIBULE
202	ORIENTATION
203	CORRIDOR
204	<b>KEEPERS ROOM</b>
205	EXHIBIT
206	HABITAT 1
207	<b>KEEPERS ROOM</b>
208	EXHIBIT

209	HABITAT 2
210	HABITAT 3
211	KEEPERS ROOM
212	OTTERS
213	MECHANICAL MEZZANI
214	EXIT VESTIBULE
215	STAFF ENTRY CORRID
216	EXHIBIT VESTIBULE
217	RECEIVING
ST-A	STAIR

## **GENERAL NOTES**

- 1. SEE SHEET A7.1 FOR PARTITION TYPES
- 2. ALL WALLS DIMENSIONS TO THE FACE OF WALL UNLESS NOTED OTHERWISE
- 3. ALL FIRE RATED WALL ARE TO EXTEND TO THE ROOF SLABS AND BE SEALED AGAINST THE PASSAGE OF SMOKE AND FIRE. SEE SHEET TS1.2 FOR FIRE & SMOKE PARTITIONS.
- 4. TOP OF ALL NEW INTERIOR FLOOR DRAINS SET 1 1/2" BELOW FINISHED FLOOR. EXCEPT AS NOTED.
- 5. ALL EXTERIOR CONCRETE SLABS, APRONS, & WALKS TO BE CONCRETE FINISH S-5, (1) GARBAGE DISPOSAL BY P.C. UNLESS NOTED OTHERWISE.
- 6. FOC = FACE OF CONCRETE WALL
- 7. VERIFY ALL HB LOCATIONS WITH PLUMBING DRAWINGS.
- 8. SEE ROOM MATERIAL SCHEDULE FOR CONCRETE WALL FORMED FINISHES & SPECIFICATION SECTION 03300
- 9. PARTITION TYPE 4 INDICATES 6" ONE SIDED BURNISHED BLOCK ON INTERIOR OF WALL ONLY. FOR FURTHER WALL MAKE UP INFORMATION SEE SHEET A5.3.
- 10. AT ALL INTERIOR CONCRETE WALLS EXTERIOR VERTICAL CORNERS TO HAVE 3/4" CHAMFER.
- 11. REFER TO SHEET A1.4 FOR PITCHED TO DRAIN CONCRETE
- FLOORS FOR ROOMS 205 & 208

## **CONSTRUCTION NOTES**

- 1 3 5'–0" WALL MOUNTED BENCHES BY ALTERNATE #6 (2) SCUPPER DRAIN 3 AT ALL INTERIOR CMU – EXTERIOR VERTICAL CORNERS ARE TO BE BULLNOSED (BN) (4) CMU WALL BELOW (5) EDGE OF HOLLOW CORE SLAB (6) PARTIAL HEIGHT 8" CONCRETE WALL (7) RECESSED ENTRANCE MAT (8) CONCRETE RETAINING WALL (9) HOLLOW CORE SLAB ABOVE 10 BIRD CAGE SYSTEM, INCUBATOR EQUIPMENT, REFRIGERATORS, & FREEZERS OFOI BY ALLOWANCE & ALTERNATE #4 12 STRUCTURAL GRADE BEAM BELOW SEE STRUCTURAL DRAWINGS 13 POSITION DOOR FRAME WHERE FULL HEIGHT & PARTIAL HEIGHT CMU WALLS INTERSECT (14) SEE SHEET SP1.1 FOR EXTENT OF EXTERIOR CONCRETE PAVING
- (15) SEE SHEET A1.3 FOR FREE FLIGHT AREA DETAILING AND RAMP DIMENSIONS.
- (16) STORM DRAIN RIM ELEVATION 109'-8"
- 17 4x4 TS COLUMN BELOW SEE STRUCTURAL DRAWINGS
- (18) SEE LATEX FLOOR FILL DRAINAGE PLANS FOR ROOMS 205 & 208, ON SHEET A1.4.

ABBREVIATIONS

CONC

CMU

ES

LC

ACP

FC

PT

ROOM MATERIAL SCHEDULE ROOM FLOOR WALLS CEILING ROOM BASE MAT'L MAT'L HEIGHT MAT'L NORTH SOUTH EAST WEST NO. NAME UPPER LEVEL 200 VESTIBULE 201 CORRIDOR 202 ORIENTATION 203 CORRIDOR CMU-3 CMU-3 CONC S-9 NONE CMU-3 CMU-3 SEE PLAN NONE CMU-3 CMU-3 CMU-3 CMU-3 CONC-F2 CONC S-9 NONE CMU-4 CMU-4 CMU-4 SEE PLAN NONE CONC-F2 CMU-4 -----------204 KEEPERS ROOM CONC S-2 NONE CMU-4 CMU-4 ONC-F1/CMU-4 CONC-F1/CMU-4 ES ----205 EXHIBIT CONC-F2 PT-2 CONC-F2 CMU-4 CMU-4 ---------\_ 206 HABITAT 1 CONC S-9 NONE CONC-F1 CONC-F2 CONC-F1 CONC-F1 PT-2 207 KEEPERS ROOM CONC S-2 CMU-4 CMU-4 CMU-4 NONE CMU-4 ES -----208 EXHIBIT CONC-F2 CMU-4 CMU-4 PT-2 --------CONC-F2 CONC-F2 CONC-F2 CONC-F2 NONE 209 HABITAT 2 ONC S-1 -----ES ----CONC-F2 CONC-F2 210 HABITAT 3 ONC S-1 NONE ES ----------CONC-F1 CONC-F1 211 KEEPERS ROOM CONC S-2 NONE CONC-F1 CONC-F1 -----ES I CONC S-2 NONE CONC-F2 CONC-F1 CONC-F1 CONC-F1 212 OTTERS ES -----213 MECHANICAL MEZZANINE CMU/CONC-F2 CONC-F2 CMU-4 ----ES | -----------214 EXIT VESTIBULE 215 STAFF ENTRY CORRIDOF CONC S-9 NONE CMU CONC-F2 CMU-4 CONC-F2 ES CONC S-5 NONE CONC-F1 CONC-F1 CMII-4 FS CONC-F1 216 EXHIBIT VESTIBULE CONC-F1 CONC-F1 CONC S-5 NONE CONC-F1 ES | -----217 RECEIVING CONC S-2 NONE CMU-4 CMU-4 CMU-4 CMU-4 ES ----CONC S-2 NONE CONC-F2 CMU-4 CMU-4 CMU-4/CONC-F2 PT-1 - FC-1 ST-A STAIR

REMARKS

- 1. CONCRETE S-9 & S-10 AS SHOWN ON PLAN.
- 2. NO EXPANSION OR CONTROL JOINTS IN POURED S-9 & S-10 FLOORS.
- 3. EAST WALL PRIME PAINTED PT-4. AT CMU: HIGH PERFORMANCE LATEX BASED BLOCK FILLER WITH
- SPECIFIED PRIMER COLOR. AT CONC: ALKALI RESISTANT ACRYLIC LATEX INTERIOR PRIMER.
- 4. NO PRIME OR FINISH PAINTING ON WEST WALL, EXCEPT FOR HIGHEST 1'-O" @ ROOF H.C. SLAB.
- THIS 1'-O" SECTION IS TO BE PRIME PAINTED. SOUTH & EAST SOFFITS TO BE PAINTED PT-1. 5. PRIME PAINT SOUTH WALL (CONC-F2) & ANGLE WALL @ DOOR 207 & NORTH WALL ADJACENT
- TO DOOR 207. NO CMU PAINTING BELOW GLASS WALLS. SOFFITS @ NORTH & EAST TO BE

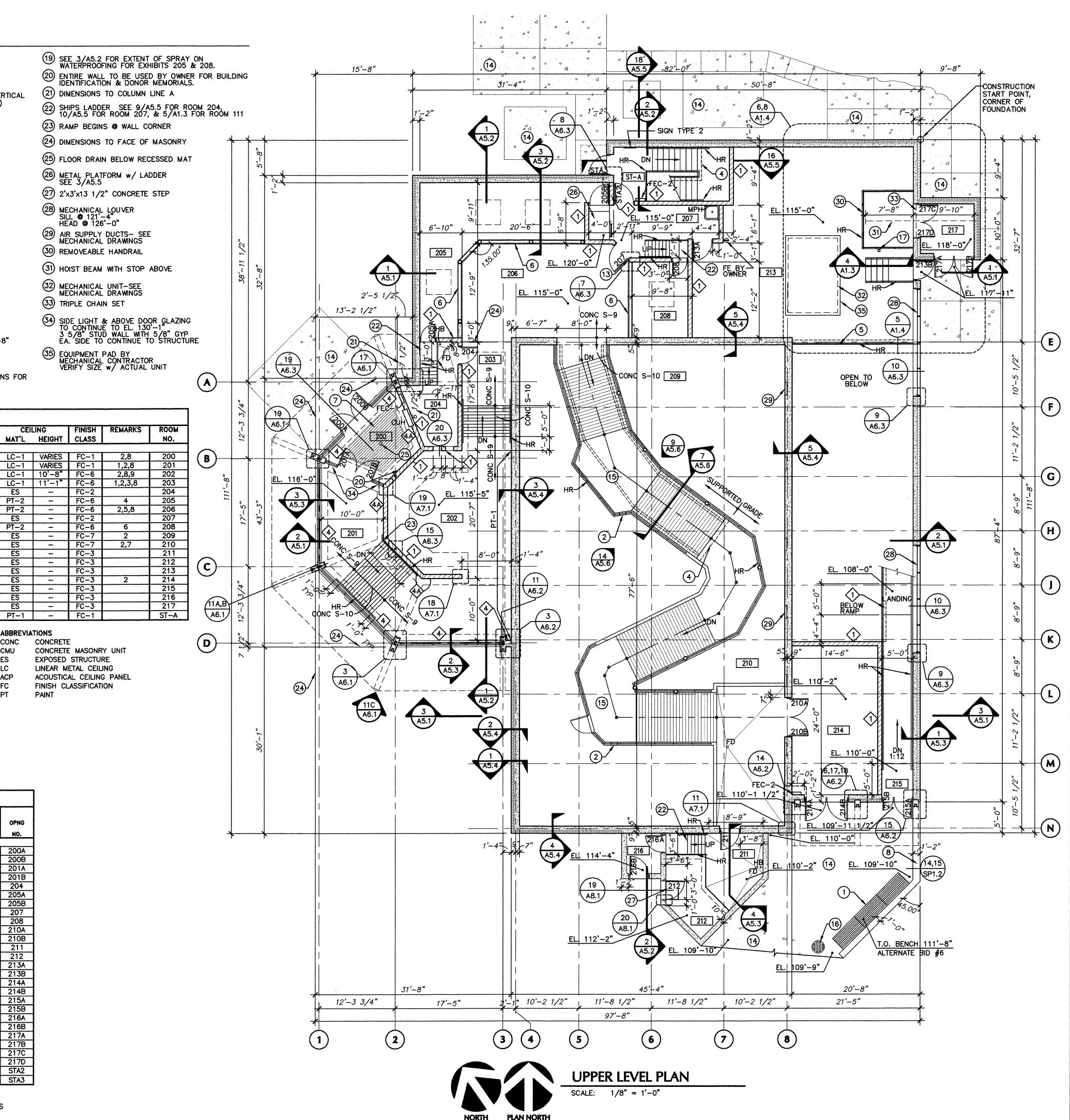
PAINTED PT-1. AT CMU: HIGH PERFORMANCE LATEX BASED BLOCK FILLER WITH SPECIFIED PRIMER COLOR.

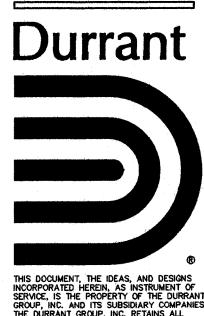
- AT CONC: ALKALI RESISTANT ACRYLIC LATEX INTERIOR PRIMER.
- 6. NO CMU PAINTING BELOW GLASS WALL, SOFFIT @ WEST WALL TO BE PAINTED PT-1. 7. WALLS ABOVE SLOPED ROOF, SOUTH & EAST, TO BE PRIME PAINTED. WALLS BELOW SLOPED ROOF, SOUTH & EAST, TO HAVE NO PAINT. AT CMU: HIGH PERFORMANCE LATEX BASED BLOCK FILLER WITH SPECIFIED PRIMER COLOR.
- AT CONC: ALKALI RESISTANT ACRYLIC LATEX INTERIOR PRIMER.

8. AT UNDER SIDE OF HOLLOW CORED SLAB, APPLY 7/8" METAL FURRING @ 1'-4" O.C. & ACOUSTICAL CEILING PANEL.

9. PRIME COAT CMU-1 WALLS ONLY. CONCRETE EAST WALL TO BE PT-1

			DOOR							FRAME						
OPNG			SIZE								DETAILS			HDWR	REMARKS	OF
NO.	TYPE	MATL	W	н	GLASS	LABEL	TYPE	MAT'L	GLASS	JAMB	HEAD	OTHER	LABEL	SET		N
	EVEL		L <u></u>						, <b>B</b> ern film og som film d							
200A	K	AL	3'-0"	6'-10"	GL-5		AL-2	AL	GL-2,5		-			A1		20
200B	К	AL	3'-0"	6'-10"	GL-5	-	AL-2	AL	GL-2,5					A1		20
201A	К	AL	3'-0"	6'-10"	GL-1		AL-1	AL	GL-1,6	****	-	19/A7.1		A2		20
201B	К	AL	3'-0"	6'-10"	GL-1	-	AL-1	AL	GL-1,6		-	19/A7.1		A2		20
204	A	STL	2'-8"	6'-10"		-	F1	STL	-	12/A8.1	11/A8.1	-		10		2
205A	G	FG	2'-4"	6'-10"		_	F5	FG	-				<del></del>	5		20
205B	G	FG	3'-0"	6'-10"		-	F5	FG	-				-	5		20
207	A	STL	3'-0"	6'-10"		-	F1	STL		12/A8.1	11/A8.1	-		10		2
208	G	FG	2'-4"	6'-10"	-		F5	FG	-				-	5		2
210A	С	STL	3'-0"	6'-10"	GL-1	-	F1	STL	-	16/A8.1	15/A8.1	-		8		2
210B	С	STL	3'-0"	6'-10"	GL-1	-	F1	STL	-	16/A8.1	15/A8.1	-		8		2
211	A	STL	3'-0"	6'-10"			F1	STL	-	16/A8.1	15/A8.1	-		10		2
212	E	STL	3'-0"	3'-0"		-	F3	STL	-	20/A8.1	19/A8.1	-		12		2
213A	A	STL	3'-0"	6'-10"	-	-	F1	STL	-	12/A8.1	11/A8.1		-	2		2
213B	A	STL	3'-0"	7'-2"			F1	STL	-	18/A8.1	17/A8.1	-	-	6		2
214A	С	STL	3'-4"	7'-0"	GL-1	-	F2	STL	-	18/A8.1		-		6		2
214B	С	STL	3'-4"	7'-0"	GL-1	-	F2	STL	-	18/A8.1	and the second		-	6		2
215A	A	STL	2'-10"	7'-2"		-	F2	STL	-	18/A8.1	and the second			6		2
215B	A	STL	1'-8"	7'-2"		-	F2	STL	-	18/A8.1	17/A8.1			6		2
216A	A	STL		6'-10"		-	F1	STL	-	16/A8.1	the second s			9		2
216B	A	STL		6'-10"			F1	STL	-	16/A8.1		-	uiișe:	11		2
217A	A	STL	3'-0"	7'-2"		-	F2	STL	-	18/A8.1	and the second sec			6		2
217B	A	STL	3'-0"	7'-2"			F2	STL		18/A8.1	the second s			6		2
217C	A	STL	3'-0"	7'-2"		-	F6	STL	-	18/A8.1	and the second sec			7		2
217D	A	STL	2'-4"	7'-2"		-	F6	STL	-	18/A8.1	17/A8.1			7		2
STA2	В	STL		6'-10"	GL-4	90	F1	STL		12/A8.1	11/A8.1		В	9		S
STA3	A	STL	3'-0"	6'-10"			F1	STL	-	18/A8.1	17/A8.1	-	-	6		S





SERVICE, IS THE PROPERTY OF THE DURKANT GROUP, INC. AND ITS SUBSIDIARY COMPANIES, THE DURRANT GROUP, INC. RETAINS ALL COMMON LAW, STATUTORY, AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERETO. COPYRIGHT 2000

ARCHITECT: DURRANT

STRUCTURAL ENGINEER: DURRANT

MECHANICAL ENGINEER: DURRANT

ELECTRICAL ENGINEER: DURRANT

LANDSCAPE ARCHITECT: PATRICK JANIKOWSKI ARCHITECTS p.s.

ZOOLOGICAL CONSULTANT: PATRICK JANIKOWSKI ARCHITECTS p.s.

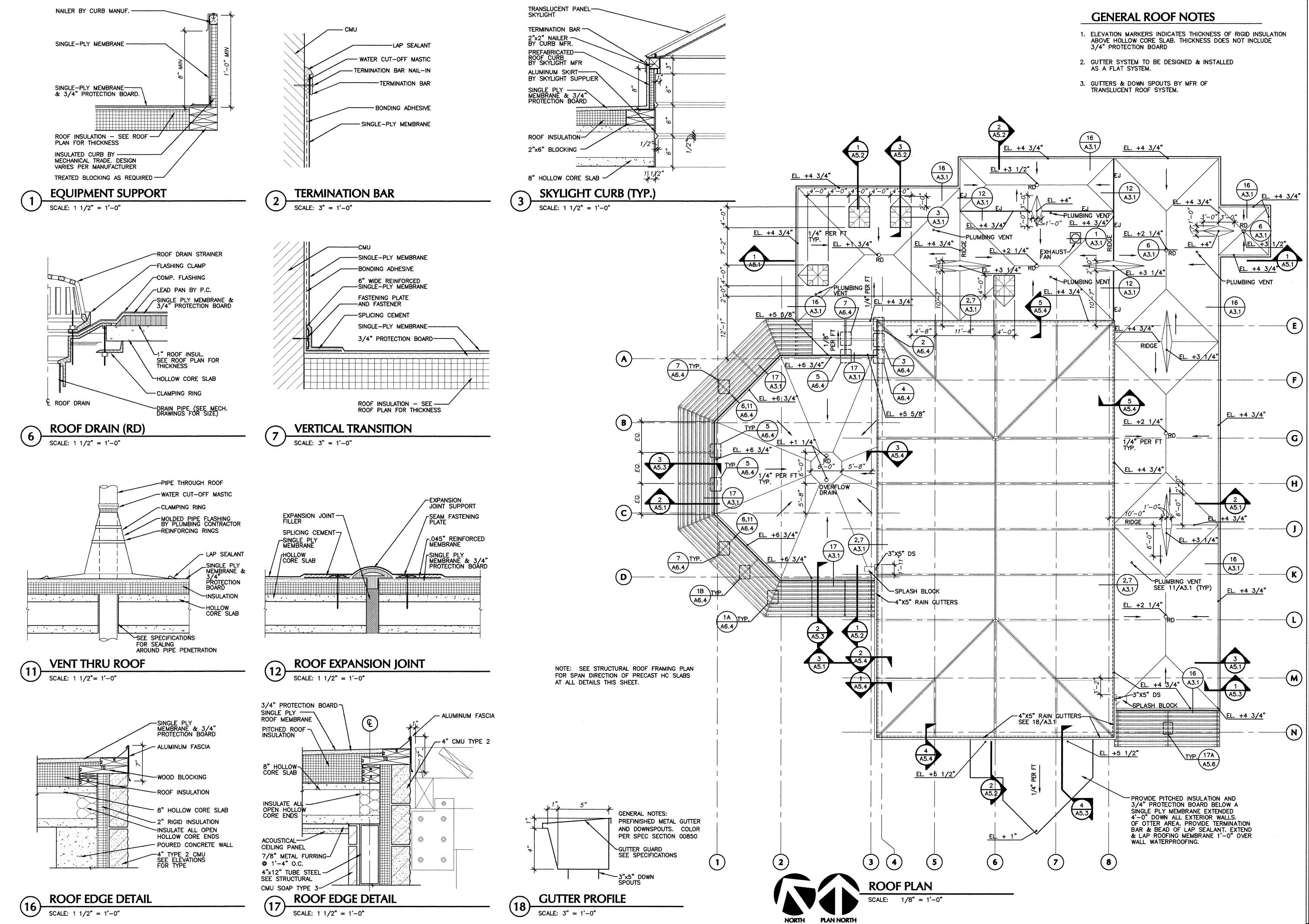
REVISIONS	
PROJECT NO.	99193.00
DATE	10/12/00
DRAWN BY	CLR
CHECKED BY	GTB
SHEET CONTEN	rs

UPPER FLOOR PLAN & BUILDING SCHEDULES

P:\99193\Drawings` 9919300A12.dwg

SHEET

A1.2 12 OF 94



FILE CO

 $\square$ 

S 



COPYRIGHT 2000

**ARCHITECT:** DURRANT

STRUCTURAL ENGINEER: DURRANT

MECHANICAL ENGINEER: DURRANT

ELECTRICAL ENGINEER: DURRANT

LANDSCAPE ARCHITECT: PATRICK JANIKOWSKI ARCHITECTS p.s.

ZOOLOGICAL CONSULTANT: PATRICK JANIKOWSKI ARCHITECTS p.s.

REVISIONS

<b>L</b>	
PROJECT NO.	99193.00
DATE	10/12/00
DRAWN BY	CLR
CHECKED BY	GTB
( <u> </u>	
SHEET CONTEN	TS

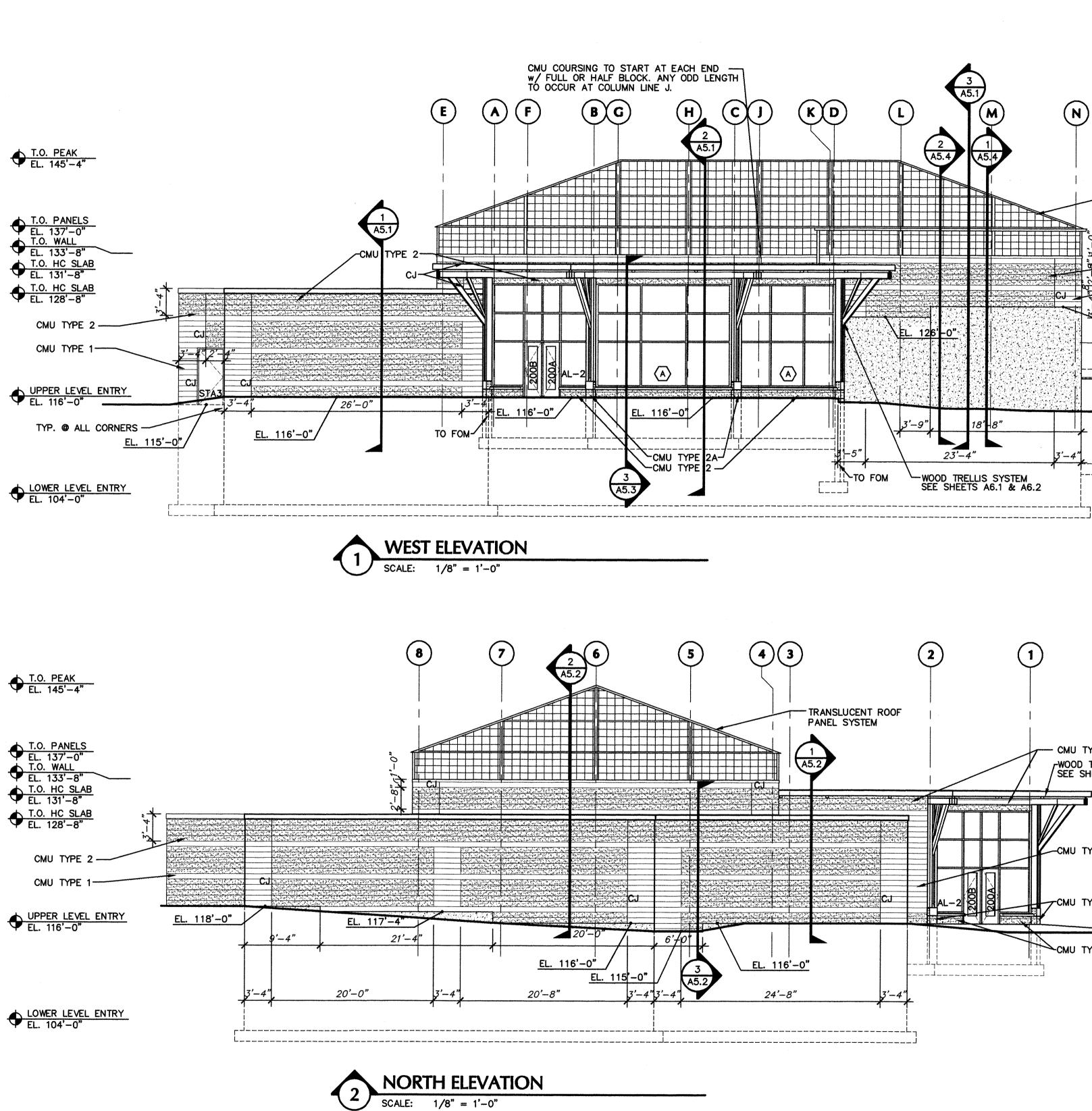
ROOF PLAN & ROOF DETAILS

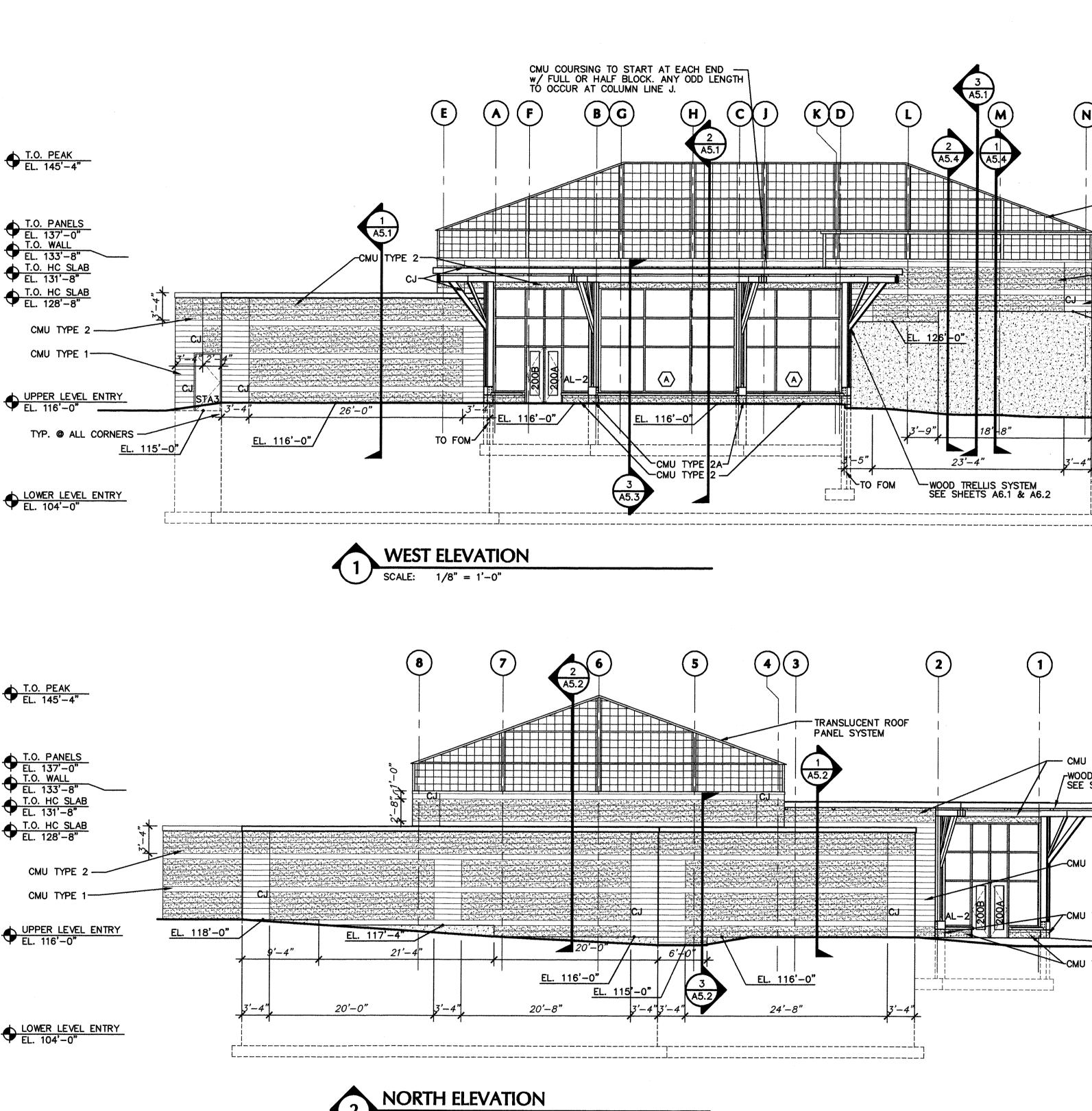
P:\99193\Drawings 9919300A31.dwg

A3. 15 OF 94

SHEET

DA 193\Drc .dwn VERSION:14.0 LOCATION:P: \9919 FILE: 9919300A41.c  $\square$ 





# - CMU TYPE 2 WOOD TRELLIS SYSTEM

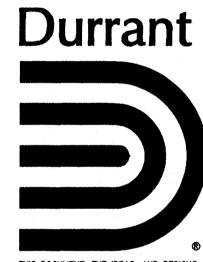
-CMU TYPE

CMU TYPE 2A

-CMU TYPE 2

# -CMU TYPE 2 -CMU TYPE EL. 127'-4" • T.O. HC SLAB EL. 122'-6" ← T.O. OPENING EL. 117'-5" ● B.O. OPENING EL. 114'-6"

TRANSLUCENT ROOF



THIS DOCUMENT, THE IDEAS, AND DESIGNS INCORPORATED HEREIN, AS INSTRUMENT OF SERVICE, IS THE PROPERTY OF THE DURRANT GROUP, INC. AND ITS SUBSIDIARY COMPANIES. THE DURRANT GROUP, INC. RETAINS ALL COMMON LAW, STATUTORY, AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERETO.

DURRANT

ELECTRICAL ENGINEER: DURRANT

LANDSCAPE ARCHITECT: PATRICK JANIKOWSKI

ZOOLOGICAL CONSULTANT: ARCHITECTS p.s.

ARCHITECTS p.s. PATRICK JANIKOWSKI

REVISIONS

DATE

DRAWN BY

CHECKED BY C\_\_\_\_\_

P:\99193\Drawings\ 9919300A41.dwg

SHEET CONTENTS

EXTERIOR ELEVATIONS

SHEET

A4.1

16 OF 94

PROJECT NO. 99193.00

10/12/00

CLR

GTB

STRUCTURAL ENGINEER: DURRANT

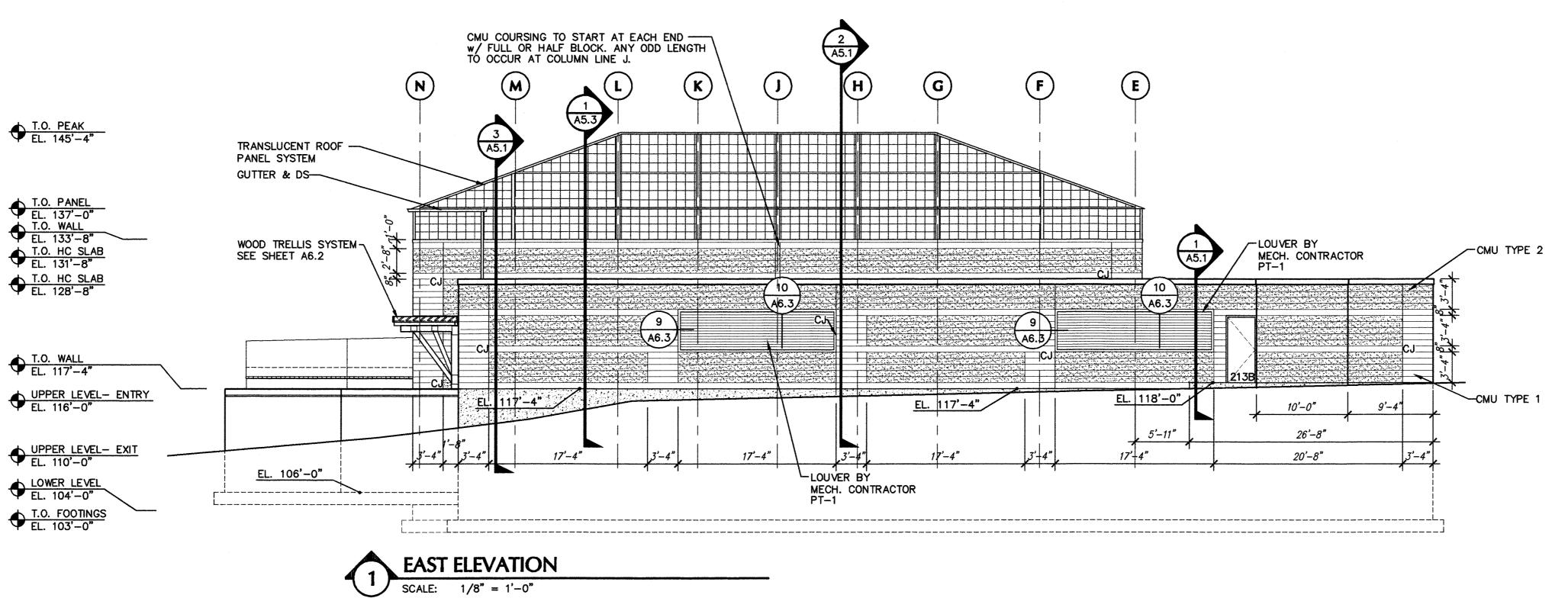
MECHANICAL ENGINEER:

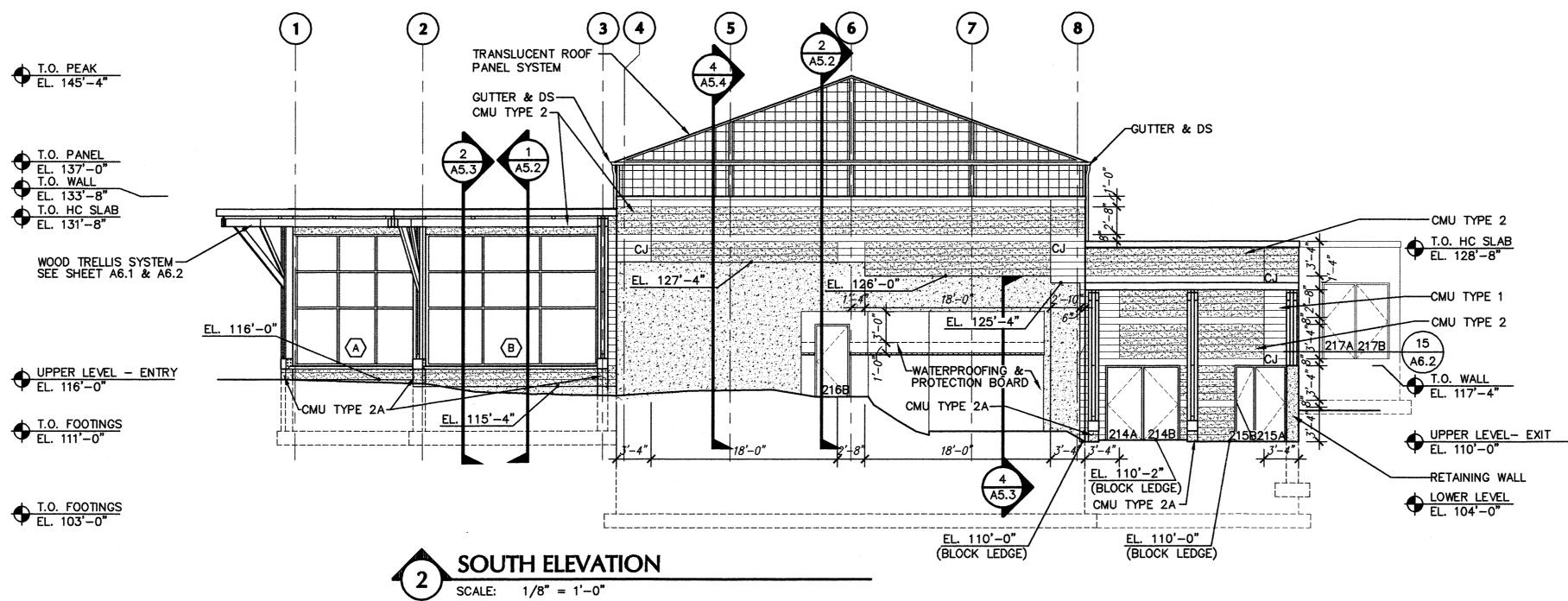
DURRANT

COPYRIGHT 2000 ARCHITECT:

VERSION: 14.0 DAT LOCATION:P: \99193\Dra FILE: 9919300A42.dwg

 $\square$ 





S



ARCHITECT: DURRANT

STRUCTURAL ENGINEER: DURRANT MECHANICAL ENGINEER:

DURRANT

ELECTRICAL ENGINEER: DURRANT

LANDSCAPE ARCHITECT: PATRICK JANIKOWSKI ARCHITECTS p.s.

ZOOLOGICAL CONSULTANT: PATRICK JANIKOWSKI ARCHITECTS p.s.

REVISIONS

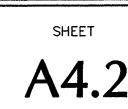
(\_\_\_\_\_

PROJECT NO.	99193.00
DATE	10/12/00
DRAWN BY	CLR
CHECKED BY	GTB

SHEET CONTENTS EXTERIOR ELEVATIONS

P:\99193\Drawings\ 9919300A42.dwg

C\_\_\_\_\_



17 OF 94

## DANE COUNTY

Department of Public Works, Highway & Transportation

PRE-BID SITE TOUR

Henry Vilas Zoo Aviary Building Aviary Skylight Panel Replacement Wednesday, March 20, 2019, 1:00 PM

	Wednesday, March		
Name	Company	Phone No.	Email
Aj Pecherson	WCHAIL	7634431399	gpedersonewichull.co.
Topy & Controx	SNI	608 575 5304	Toucies At MSN. con
Naomi Kroth	Bichmann Construction	8869	nkroth@ bachmann construction.net
HURT FERRI	DAVIELI	608-5767725	Cfemrite & daniels con com
н 			
а. т. а. а.	с		
	-		