Municipal Building 625 52nd Street – Room 202	***Kenosha City Plan Commission Agenda***	**Thursday, June 19, 2014 5:00 p.m.**
Mayor Keith Bosman - Chairman, Alderperson Scott Gordon - Vice-Chairman Alderperson Jan Michalski, Alderperson Kurt Wicklund, Patrick DeGrace, Anita Faraone, Robert Hayden, Bradley Kleba, Anderson Lattimore and Jessica Olson		

Call to Order and Roll Call

Approval of Minutes from June 5, 2014

1. Public Building Review for an electrical vault building to be located at the Kenosha Regional Airport, 9900 52nd Street. (Kenosha Regional Airport) (District #16) PUBLIC HEARING

Public Comments

Commissioner Comments

Staff Comments

Adjournment

Community Development & Inspections
625 52nd Street – Room 308
Kenosha, WI 53140
262.653.4030 phone / 262.653.4045 fax
www.kenosha.org

If you are disabled in need of assistance, please call 262.653.4030 at least 72 hours before this meeting.

Notice is hereby given that a majority of the members of the Common Council may be present at the meeting. Although this may constitute a quorum of the Common Council, the Council will not take any action at this meeting.

CITY PLAN COMMISSION
Minutes
June 5, 2014

MEMBERS PRESENT:	Alderperson Michalski, Alderperson Wicklund, Anita Faraone, Robert Hayden, Bradley Kleba, Anderson Lattimore
MEMBERS EXCUSED:	Mayor Bosman, Alderperson Gordon, Patrick De Grace and Jessica Olson
STAFF PRESENT:	Jeffrey B. Labahn and Rich Schroeder

The meeting was called to order at 5:00 p.m. by Alderperson Michalski and roll call was taken.

A motion was made by Ms. Faraone and seconded by Mr. Lattimore to approve the minutes of the May 22, 2014 meeting. The motion passed. (Ayes 6; Noes 0)

A motion was made by Ms. Faraone and seconded by Mr. Lattimore to elect Alderperson Michalski as temporary Chairperson and Alderperson Wicklund and temporary Vice-Chairperson.

Items 1 and 2 were taken together for public hearing purposed. Both items were read.

1. **By the Mayor - To Annex 353.81 Acres of Land, More or Less, Located South of STH 142 and West of I94 from the Town of Paris to the City of Kenosha. (Drissel, J & L Drissel LLC, Peck & Rozhon) (District #16) PUBLIC HEARING**

2. **Resolution By the Mayor - To Amend the Official Map for the City of Kenosha, Wisconsin, to Include the Annexation of Parcel [Numbers: 45-4-221-243-0100, 45-4-221-244-0300, 45-4-221-251-0200, 45-4-221-251-0101, 45-4-221-254-0202, 45-4-221-251-0102, 45-4-221-251-0405, 45-4-221-254-0300], in the Town of Paris, Kenosha County, Wisconsin. (Drissel, J & L Drissel LLC, Peck & Rozhon) (District #16) PUBLIC HEARING**

Public hearing opened, no comments, public hearing closed.

Rich Schroeder, Deputy Director, noted that the City of Kenosha and Town of Paris have a Cooperative Agreement and the Annexation is consistent with the Agreement. The Official Map Amendment is to include the newly annexed parcels.

A motion was made by Ms. Faraone and seconded by Alderperson Wicklund to approve the Annexation.

Mr. Lattimore asked if Alderperson Johnson, alderman of the district, had any comments. Mr. Schroeder said no comments were received.

The motion passed. (Ayes 6, Noes 0)

Draft

A motion was made by Mr. Lattimore and seconded by Ms. Faraone to approve the Official Map Amendment. The motion passed. (Ayes 6, Noes 0)

Public Comments

No public comments.

Staff Comments

Jeff Labahn, Director noted the next City Plan meeting will be June 19, 2014 and that the proposed work session will probably be held sometime in July, after a regularly scheduled meeting. Ms. Faraone asked if the meeting will be closed prior to the start of the Work Session. Mr. Labahn said yes.

Commissioner Comments

No Commissioner comments.

A motion to adjourn was made by Ms. Faraone and seconded by Mr. Hayden. The motion passed. (Ayes 6; Noes 0) The meeting adjourned at 5:07 p.m.

Minutes Prepared by: Kay Schueffner, Department of Community Development & Inspections

Draft

Planning & Zoning Division 625 52nd Street Kenosha, WI 53140 262.653.4030	Kenosha City Plan Commission FACT SHEET	June 19, 2014	Item 1
Public Building Review for an electrical vault building to be located at the Kenosha Regional Airport, 9900 52nd Street. (Kenosha Regional Airport) (District #16) PUBLIC HEARING			

LOCATION/SURROUNDINGS:

Site: 9900 52nd Street - Kenosha Regional Airport
Zoned: IP Institutional Park

NOTIFICATIONS/PROCEDURES:

The alderperson of the district, Alderperson Johnson, has been notified. Per Wisconsin Statute 62.23 (5), the City Plan Commission must review the location and architectural design of the public building.

ANALYSIS:

- The Federal Government is proposing an upgrade in electrical facilities at the Kenosha Regional Airport which will include work on lighting at and near the runways, as well as construction of a new electrical vault building located just south of the control tower.
- The City is contributing a portion of the cost for construction of the building and improvements. Therefore, the City Plan Commission must review the building location and architectural design per State Statutes.
- The electrical vault building measures thirty-two (32') feet by sixty-four (64') for a total of 2,048 s.f.
- The proposed exterior materials are precast concrete panels with a standing seam metal roof.
- A small paved parking area is also proposed to be constructed just to the north of the proposed building.

RECOMMENDATION:

A recommendation is made to approve the Public Building Review.

B. R. W.

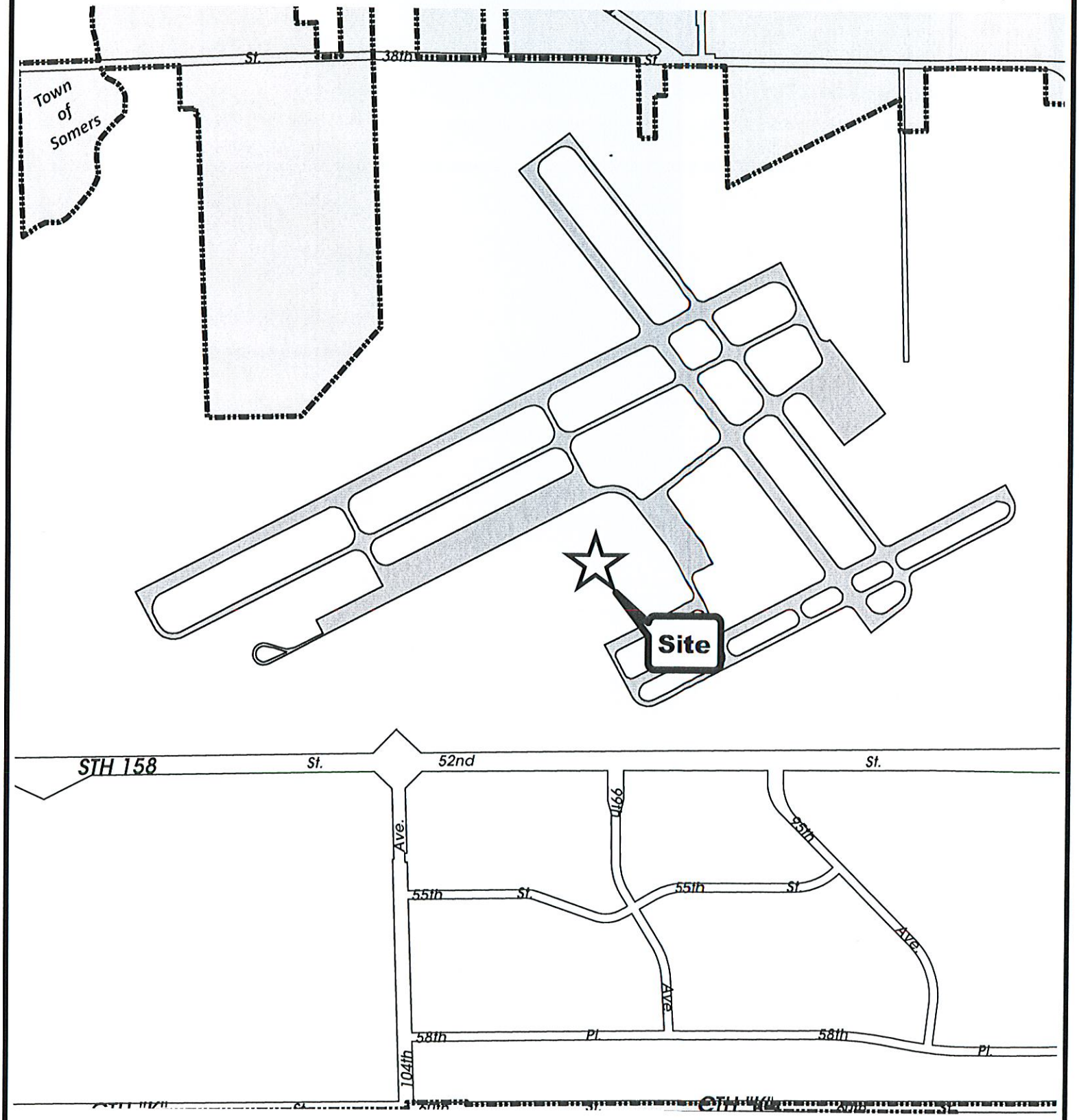
Brian R. Wilke, Development Coordinator

Rich Schroeder, Deputy Director

/u2/acct/cp/ckays/1CPC/2014/JUNE19/Fact-PubBldg-airport.odt

City of Kenosha

Public Building Review
Kenosha Airport Electrical Vault Building



Municipal Boundary

DCDI ~ Planning & Zoning Division ~ JBL ~ BRW ~ June 9, 2014 ~ mc

0 1,000 Feet

KENOSHA REGIONAL AIRPORT

ELECTRICAL VAULT & AIRFIELD LIGHTING

AIP No. 3-55-0029-24

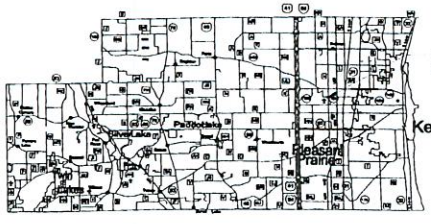
KENOSHA COUNTY

BASE BID: VAULT BUILDING, ELECTRICAL EQUIPMENT, & HOMERUN EXTENSIONS
ALTERNATE A: REPLACING CABLE AND EDGE LIGHTS FOR TAXIWAY A WEST
ALTERNATE B: REPLACING GUIDANCE SIGNS FOR TAXIWAY A WEST
ALTERNATE C: REPLACING CABLE AND EDGE LIGHTS FOR TAXIWAY A2
ALTERNATE D: REPLACING SIGNS FOR TAXIWAY A2
ALTERNATE E: REPLACING CABLE AND EDGE LIGHTS FOR TAXIWAY A EAST
ALTERNATE F: REPLACING SIGNS FOR TAXIWAY A EAST
ALTERNATE G: REPLACING CABLE, EDGE LIGHTS AND SIGNS FOR RUNWAY 7L/25R
ALTERNATE H: INSTALLATION OF RUNWAY 7L PAPI

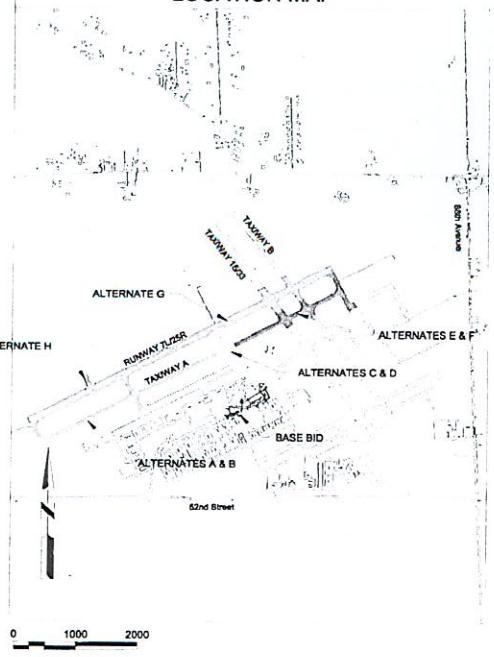
WISCONSIN
GREGORY A. STERN
E-35615
MADISON
WI
PROFESSIONAL ENGINEER

Greg Stern
3/20/2013

VICINITY MAP



LOCATION MAP



SHEET LIST TABLE

Sheet No.	Sheet Title
G-001	TITLE SHEET
G-021	CONSTRUCTION OPERATIONS & PHASING PLAN - OVERALL
G-022	CONSTRUCTION OPERATIONS & PHASING PLAN - PHASES 1 & 2
G-023	CONSTRUCTION OPERATIONS & PHASING PLAN - PHASES 3 & 4
G-024	CONSTRUCTION OPERATIONS & PHASING PLAN - PHASES 5 & 6
G-025	GENERAL NOTES
G-041	SURVEY CONTROL PLAN
G-061	PROJECT QUANTITY TABLES
B-051	PLAN & LOG OF BOIL BORINGS
C-021	EROSION CONTROL PLAN
C-031	EROSION CONTROL DETAILS
C-051	DEMOLITION PLAN
C-101	ELECTRICAL VAULT SITE PLAN
C-102	RUNWAY 7L PAPI SITE PLAN
C-301	TYPICAL SECTIONS - WEST VIEW
A-001	GENERAL NOTES, ABBREVIATIONS, AND SYMBOLS
A-101	FLOOR PLAN AND STRUCTURAL SYSTEM NOTES
A-102	EXTERIOR ELEVATIONS
A-103	BUILDING SECTIONS AND DETAILS
M-101	MECHANICAL PLANS, NOTES, AND DETAILS
EV-001	ELECTRICAL PLAN, NOTES, AND DETAILS
EV-101	VAULT ELECTRICAL SITE WORK
EV-401	ELECTRICAL EQUIPMENT PLAN
EV-402	EQUIPMENT INTERIOR ELEVATIONS
EV-403	EQUIPMENT INTERIOR ELEVATIONS
E-100	ELECTRICAL REMOVALS PLAN
E-101	ELECTRICAL REMOVALS PLAN
E-102	ELECTRICAL REMOVALS PLAN
E-103	ELECTRICAL REMOVALS PLAN
E-104	ELECTRICAL REMOVALS PLAN
E-105	EXISTING VAULT REMOVAL PLAN
E-200	ELECTRICAL LAYOUT PLAN
E-201	ELECTRICAL LAYOUT PLAN
E-202	ELECTRICAL LAYOUT PLAN
E-203	ELECTRICAL LAYOUT PLAN
E-204	ELECTRICAL LAYOUT PLAN
E-301	SIGNAGE PLAN
E-302	SIGNAGE PLAN
E-321	SIGN LEGEND
E-501	WIRING DIAGRAMS
E-502	AIRFIELD CONTROL SYSTEM RISER
E-503	PANELBOARD SCHEDULES
E-601	ELECTRICAL DETAILS
E-602	ELECTRICAL DETAILS
E-603	ELECTRICAL DETAILS
E-604	ELECTRICAL DETAILS
E-605	ELECTRICAL DETAILS
E-701	RUNWAY 7L PAPI LAYOUT
E-702	NAVAIDS DETAILS

CONSTRUCTION DATA
PRIME CONTRACTOR

MAJOR SUBCONTRACTORS AND/OR SUPPLIERS

WORK: STARTED _____ COMPLETED _____

PROJECT ENGINEER

WISCONSIN DEPARTMENT OF TRANSPORTATION BUREAU OF AERONAUTICS	MEAD & HUNT, INC. Madison, Wisconsin
DESIGN PHASE APPROVED BY:	SUBMITTED BY:
AIRPORT DEVELOPMENT ENGINEER DATE: 3-25-13	DATE: 3/20/13
AIRPORT ENGINEERING SECTION CHIEF DATE: 3-20-13	RECOMMENDED FOR APPROVAL DATE: 3/20/13
"AS CONSTRUCTED" DRAWING APPROVED BY:	"AS CONSTRUCTED" APPROVAL
AIRPORT DEVELOPMENT ENGINEER DATE:	DATE:

Mead & Hunt
Mead & Hunt, Inc.
6501 Watts Road
Madison, WI 53719
phone: 608-273-6380
meadhunt.com

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KENOSHA REGIONAL AIRPORT
ELECTRICAL VAULT & AIRFIELD LIGHTING
9900 52ND STREET, KENOSHA, WI 53144

REVISION

BID SET

AIP NO.:	3-55-0029-24
MAH NO.:	23099-29-113532
DATE:	MARCH 27, 2013
DESIGNED BY:	GAS
DRAWN BY:	DLU
CHECKED BY:	GAS

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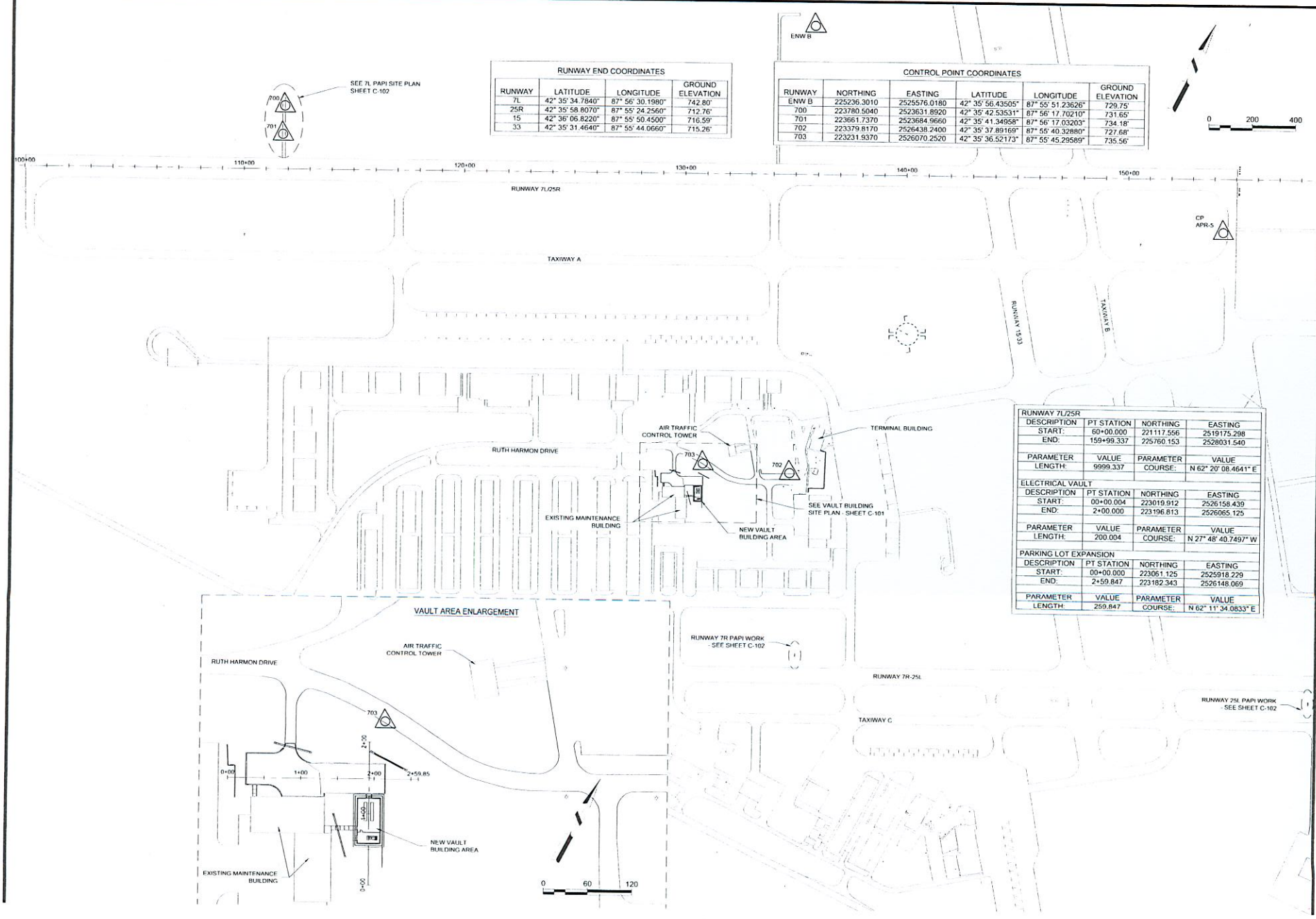
SHEET CONTENTS
TITLE SHEET

SHEET NO. 1 of 49

G-001



RUNWAY END COORDINATES

RUNWAY	LATITUDE	LONGITUDE	GROUND ELEVATION
7L	42° 35' 34.7840"	87° 56' 30.1980"	742.80'
25R	42° 35' 58.8070"	87° 55' 24.2560"	712.76'
15	42° 36' 06.8220"	87° 55' 50.4500"	716.59'
33	42° 35' 31.4640"	87° 55' 44.0660"	715.26'

CONTROL POINT COORDINATES

RUNWAY	NORTHING	EASTING	LATITUDE	LONGITUDE	GROUND ELEVATION
ENW B	225236.3010	2525576.0180	42° 35' 56.43505"	87° 55' 51.23626"	729.75'
700	223780.5040	2523631.8920	42° 35' 42.53531"	87° 56' 17.70210"	731.65'
701	223661.7370	2523684.9660	42° 35' 41.34958"	87° 56' 17.03203"	734.18'
702	223379.8170	2526438.2400	42° 35' 37.89169"	87° 55' 40.32880"	727.68'
703	223231.9370	2526070.2520	42° 35' 36.52173"	87° 55' 45.29589"	735.56'

RUNWAY 7L/25R

DESCRIPTION	PT STATION	NORTHING	EASTING
START:	60+00.000	221117.556	2519175.298
END:	159+99.337	225760.153	2528031.540
PARAMETER	VALUE	PARAMETER	VALUE
LENGTH:	9999.337	COURSE:	N 62° 20' 08.4641" E

ELECTRICAL VAULT

DESCRIPTION	PT STATION	NORTHING	EASTING
START:	00+00.004	223019.912	2526158.439
END:	2+00.000	223196.813	2526065.125
PARAMETER	VALUE	PARAMETER	VALUE
LENGTH:	200.004	COURSE:	N 27° 48' 40.7497" W

PARKING LOT EXPANSION

DESCRIPTION	PT STATION	NORTHING	EASTING
START:	00+00.000	223061.125	2525918.229
END:	2+59.847	223182.343	2526148.069
PARAMETER	VALUE	PARAMETER	VALUE
LENGTH:	259.847	COURSE:	N 62° 11' 34.0833" E

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KENOSHA REGIONAL AIRPORT ELECTRICAL VAULT & AIRFIELD LIGHTING

REVISION

BID SET

AIP NO. 3-55-0029-2
MAH NO. 23099-29-11
DATE: MARCH 27,
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SHEET CONTENTS
SURVEY CONTROL PLAN

SHEET NO. 7 of 49

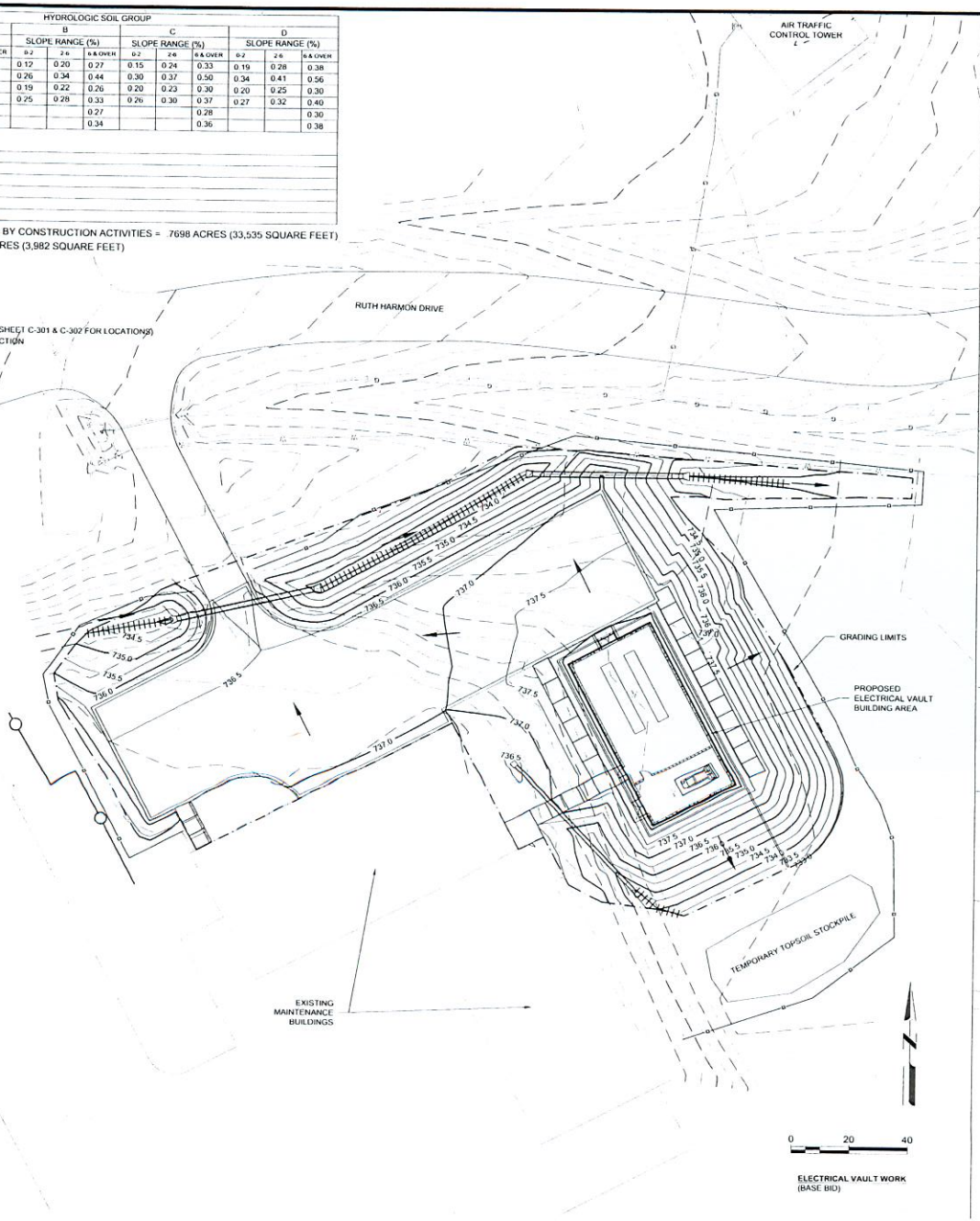
G-04

LAND USE	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (%)			SLOPE RANGE (%)			SLOPE RANGE (%)			SLOPE RANGE (%)		
	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS	0.08	0.16	0.22	0.12	0.20	0.27	0.15	0.24	0.33	0.19	0.28	0.38
	0.22	0.30	0.38	0.26	0.34	0.44	0.30	0.37	0.50	0.34	0.41	0.56
MEDIAN STRIP-TURF	0.19	0.20	0.24	0.19	0.22	0.26	0.20	0.23	0.30	0.20	0.25	0.30
	0.24	0.26	0.30	0.25	0.28	0.33	0.26	0.30	0.37	0.27	0.32	0.40
SIDE SLOPE-TURF			0.25			0.27			0.28			0.30
			0.32			0.34			0.36			0.38

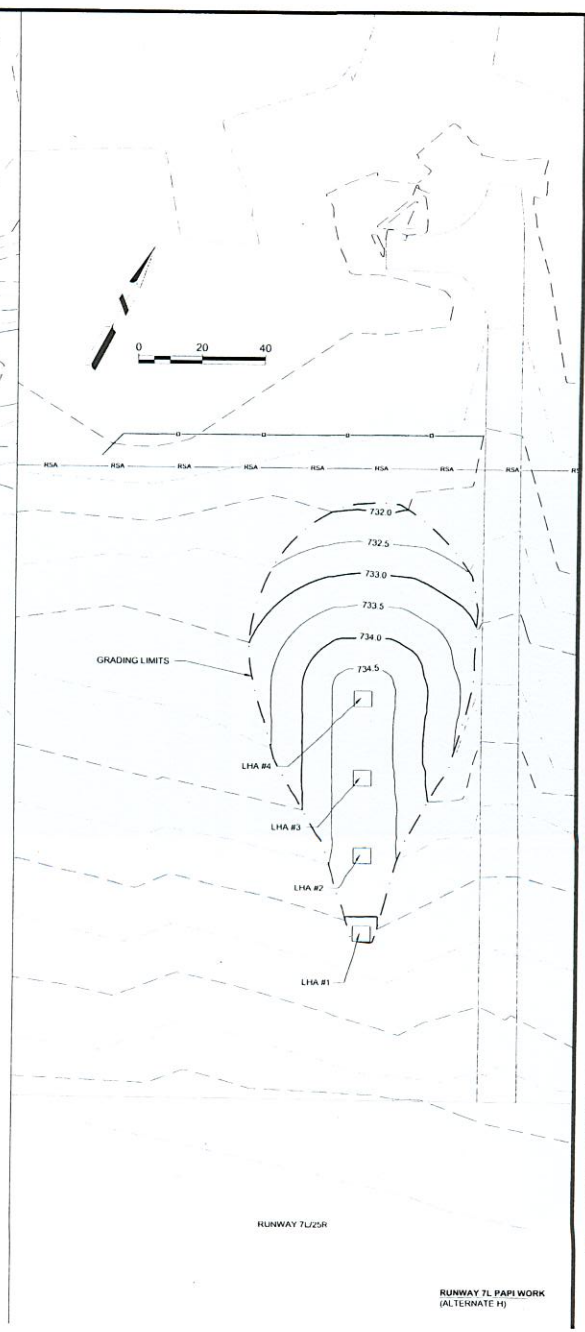
PAVEMENT:	
ASPHALT	70 - 95
CONCRETE	80 - 95
BRICK	70 - 80
DRIVES, WALKS	75 - 85
ROOFS	75 - 95
GRAVEL ROADS	40 - 60

TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = .7698 ACRES (33,535 SQUARE FEET)
INCREASE IN IMPERVIOUS AREA = .0914 ACRES (3,982 SQUARE FEET)

LEGEND
- GRADING LIMITS
- FLOW DIRECTION
- EROSION MAT (SEE SHEET C-301 & C-302 FOR LOCATIONS)
- STRUCTURE PROTECTION
- SILT FENCE



ELECTRICAL VAULT WORK
(BASE BID)



RUNWAY 7L PAPI WORK
(ALTERNATE H)

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KENOSHA REGIONAL AIRPORT ELECTRICAL VAULT & AIRFIELD LIGHTING

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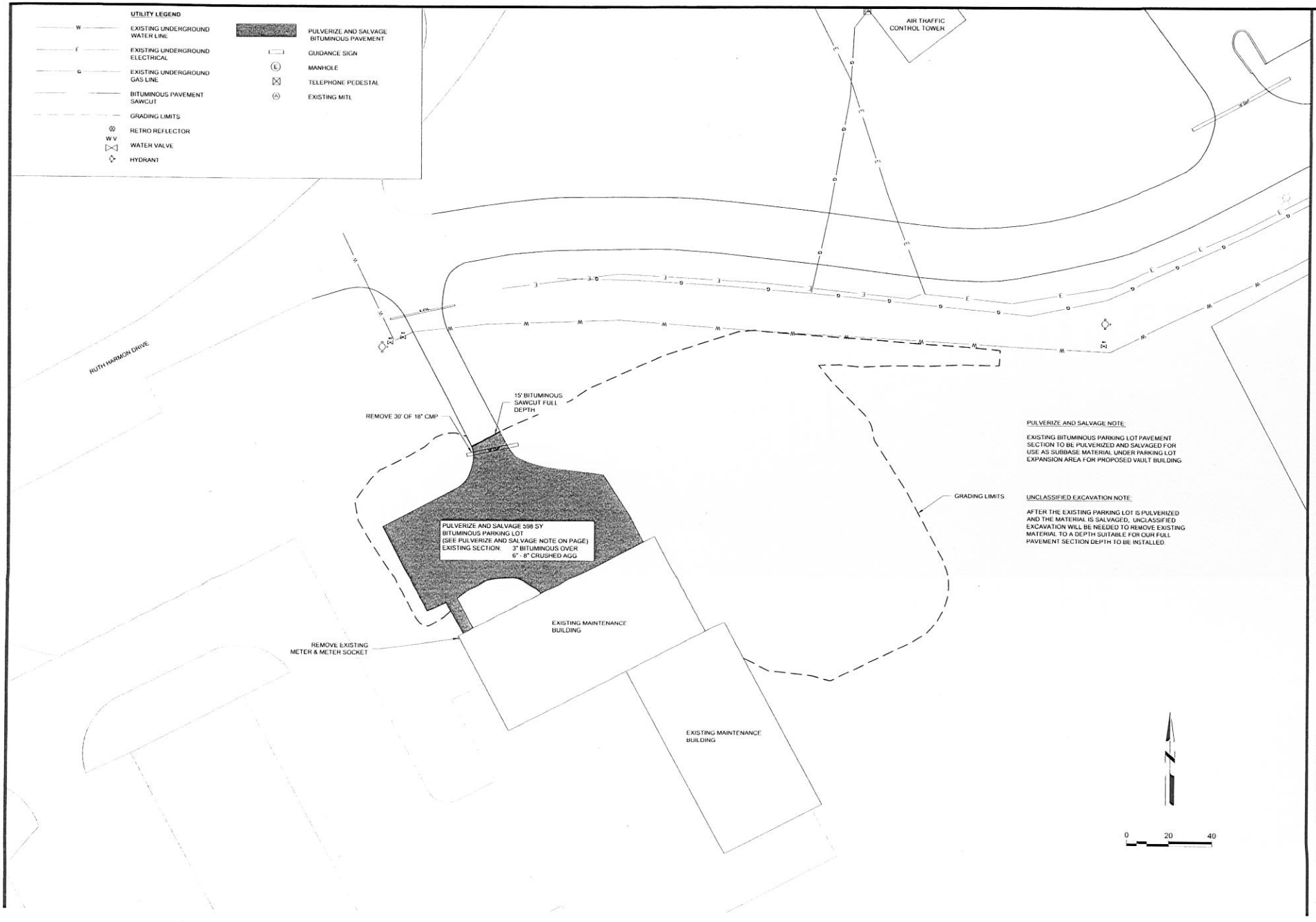
SHEET CONTENTS
EROSION CONTR
PLAN

SHEET NO. 10 of 49

C-02



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KENOSHA REGIONAL AIRPORT
ELECTRICAL VAULT & AIRFIELD
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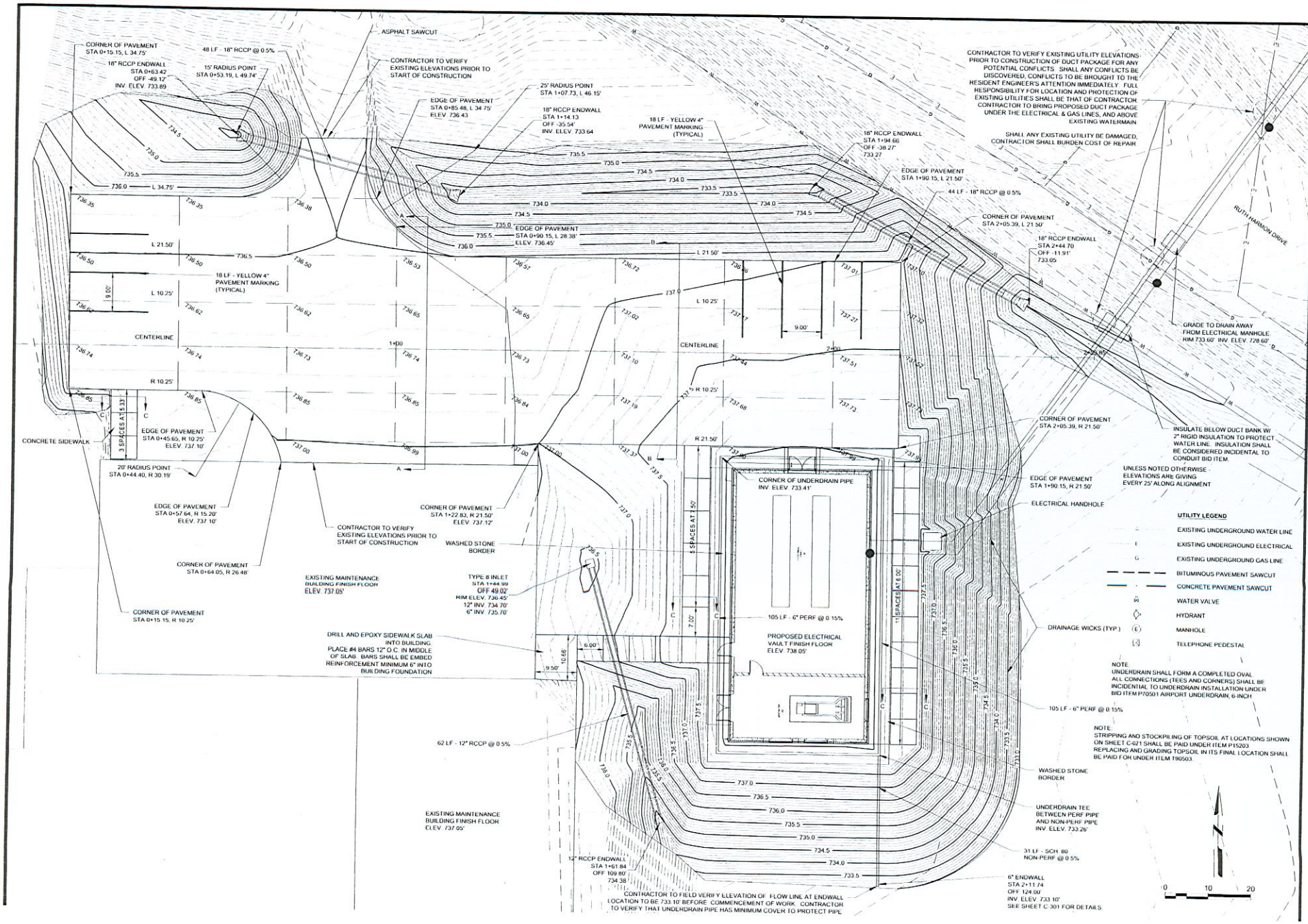
SHEET CONTENTS
DEMOLITION PLA

SHEET NO 12 of 49
C-05



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KENOSHA REGIONAL AIRPORT
ELECTRICAL VAULT & AIRFIELD
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REVISION

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MAH NO.	23099-29-1
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SHEET CONTENTS:
ELECTRICAL VAU
SITE PLAN

SHEET NO. 13 of 49

C-10

KEYED NOTES

3.101 CONCRETE STOOP - SEE DETAILS 2 & 3/A-103. REFER TO SITE/CIVIL SHEETS FOR MAINTENANCE STRIP AND ADDITIONAL SIDEWALKS.

3.401 INSULATED PRECAST CONCRETE WALL PANEL (8+2+3) DOWN TO FOOTINGS WITH CONTINUOUS INSULATION - FOR VERTICALLY FLUTED PORTION (SEE ELEVATIONS) B.O.D. = FITZGERALD FORMLINER #14323 - FLUTED RIB. FLAT PORTIONS TO HAVE LIGHT SANDBLAST FINISH.

3.402 8" CMU WALL W/ #4 VERT. BARS AT 4'-0" AND HORIZONTAL JOINT REINFORCEMENT AT 16" O.C. #4 DOWELS TO FOOTING AT 16" O.C.; TOP OF WALL PER KEYED NOTE 4.109 (2 HR FIRE RATED)

3.403 6" CONCRETE FLOOR SLAB W/ #4 AT 16" O.C. E.W. CENTERED; OVER 6 MIL VAPOR BARRIER, OVER MIN. 6" COMPACTED SAND BEDDING, OVER MIN. 6" COMPACTED GRAVEL BASE COURSE; OVER COMPACTED SUBGRADE. WET CURE 7 DAYS MIN. (NO LIQUID-APPLIED CURRING COMPOUNDS/SEALERS ALLOWED); APPLY PENETRATING SEALER PER MFR AFTER 28 DAYS MIN.

3.404 SAW CUT CONTROL JOINTS (MIN. 1" DEEP) AND FILL WITH UREA-BASED JOINT FILLER.

3.405 EQUIPMENT PAD - COORDINATE LOCATION AND EXTENT WITH ELECTRICAL. (SEE DETAIL 7/A-301)

3.601 PRE-ENGINEERED WOOD TRUSS AT 2'-0" O.C. WITH HURRICANE CLIPS AT SUPPORTS, TYP.

4.101 1" JOINT W/ 2-HOUR RATED FIRESAFING SYSTEM AND BACKER ROD AND SEALANT BOTH SIDES. (TYPICAL INTERIOR WALL AT EXTERIOR WALLS)

4.102 THERMALLY BROKEN ALUMINUM FRAME WINDOWS; NOMINAL 2" X 4 1/2" FRAMES WITH THERMAL BREAKS & INSULATED LAMINATED GLASS, LOCATE OVER WALL INSULATION. WINDOW TYPE W1 = 5'-4"W X 1'-4"H, WINDOW TYPE W2 = 4'-0"W X 1'-4"H. PROVIDE BLOCKING IN INSULATION SPACE AS REQUIRED. FINISH - KYNAR 500 (FLUROPON) COLOR TBD.

4.103 HOLLOW METAL DOOR AND FRAME - SEE DOOR AND HARDWARE NOTES ON A-101 - PROVIDE TRANSOM FRAME AND 1" INSULATED LAMINATED GLAZING AT DOUBLE DOORS AS SHOWN ON EXTERIOR ELEVATIONS.

4.104 SEAMLESS PREFINISHED METAL GUTTER AND DOWNSPOUT - SEE DETAIL 5/A-102.

4.105 PREFINISHED METAL STANDING SEAM ROOF SYSTEM OVER SELF-ADHERING WATERPROOFING UNDERLAYMENT OVER 5/8" T&G PLYWOOD.

4.106 CONTINUOUS PREFINISHED METAL RIDGE VENT - MATCH ROOF.

4.107 PREFINISHED METAL FASCIA - MATCH ROOF COLOR (TYP.)

4.108 PREFINISHED METAL VENTED SOFFIT PANELS - MATCH ROOF COLOR.

4.109 2X FRAMED WALL PER IBC TABLE 720.1 (2), ITEM # 14-1.5 - TOP OF MASONRY WALL TO BOTTOM OF ROOF SHEATHING, CONT. TO PROVIDE COMPLETE SEPARATION.

4.110 5/8" GWB CEILING W/ CONT. VAPOR BARRIER AND MIN. R-40 BATT INSULATION ABOVE - PROVIDE FULLY TOOLED SEALANT AROUND PERIMETER.

4.204 FUEL FILL - COORDINATE EXACT HEIGHT AND LOCATION W/ G.C. AND GENERATOR SUPPLIER TO MEET ALL APPLICABLE CODES.

4.205 FULL-LENGTH SNOW GUARD SYSTEM W/ PREFINISHED METAL INSERTS TO MATCH STANDING SEAM ROOF. PROVIDE ACCESSORY SNOW CLIPS AT EACH ROOF PANEL TO RETAIN SNOW/ICE BELOW CONTINUOUS GUARD.

4.301 INSULATION BAFFLE/VENT PANS (TYP.)

8.101 PREFINISHED LOUVERS (SEE MECH. DRAWINGS) MATCH COLOR OF ALUMINUM WINDOW FRAMES. FIELD PAINT. COLOR TBD.

8.102 FAN COIL UNIT - SEE MECHANICAL

9.201 ENGINE GENERATOR - SEE ELECTRICAL

GENERAL NOTES:

1. CONFIRM AND COORDINATE ALL DIMENSIONS FOR PROPER FIT-UP
2. VAULT FINISH FLOOR ELEVATION OF 100'-0" IS EQUAL TO SITE DATUM SHOWN ON SITE DRAWINGS.
3. FIELD PAINTING TO INCLUDE:
   - HOLLOW METAL DOORS AND FRAMES (COLOR: TBD)
   - EXPOSED STEEL CONNECTION PLATES / EMBEDS FOR PRECAST CONCRETE (COLOR: WHITE)
   - INTERIOR FACES OF PRECAST CONCRETE AND MASONRY WALLS (COLOR: WHITE)
   - GWB CEILING SYSTEM (COLOR: WHITE)
   - MISC. STEEL FABRICATIONS / BRACKETS (COLOR: WHITE)
   - EXPOSED GENERATOR FILL, VENT, AND EXHAUST PIPING (COLOR: TBD)
4. PROVIDE 3/4" EXTERIOR GRADE A/C PLYWOOD BACKUP PANELS ANCHORED TO WALLS FOR ALL WALL MOUNTED ELECTRICAL PANELS (COORDINATE WITH ELECTRICAL WORK). PAINT WHITE.
5. PROVIDE CONTINUOUS SEALANT WITH BACKER RODS AS APPROPRIATE AT PERIMETERS OF DOOR AND WINDOW FRAMES (BOTH SIDES), LOUVERS, WALL AND ROOF PENETRATIONS, PRECAST CONCRETE PANEL JOINTS (BOTH FACES), AND OTHER JOINTS BETWEEN MATERIALS AS NECESSARY TO PROVIDE FULLY WEATHER TIGHT CONSTRUCTION AND FINISHED APPEARANCE.
6. PROVIDE SIGN ON ALL DOORS: "DANGER - HIGH VOLTAGE - KEEP OUT"
7. GENERATOR ROOM LAYOUT AND LOUVER SIZES ARE BASED ON EQUIPMENT SPECIFIED. VERIFY REQUIREMENTS AND INCLUDE ALL NECESSARY ADJUSTMENTS / MODIFICATIONS NEEDED TO ACCOMMODATE ACTUAL EQUIPMENT PROVIDED.

DOOR AND HARDWARE NOTES:

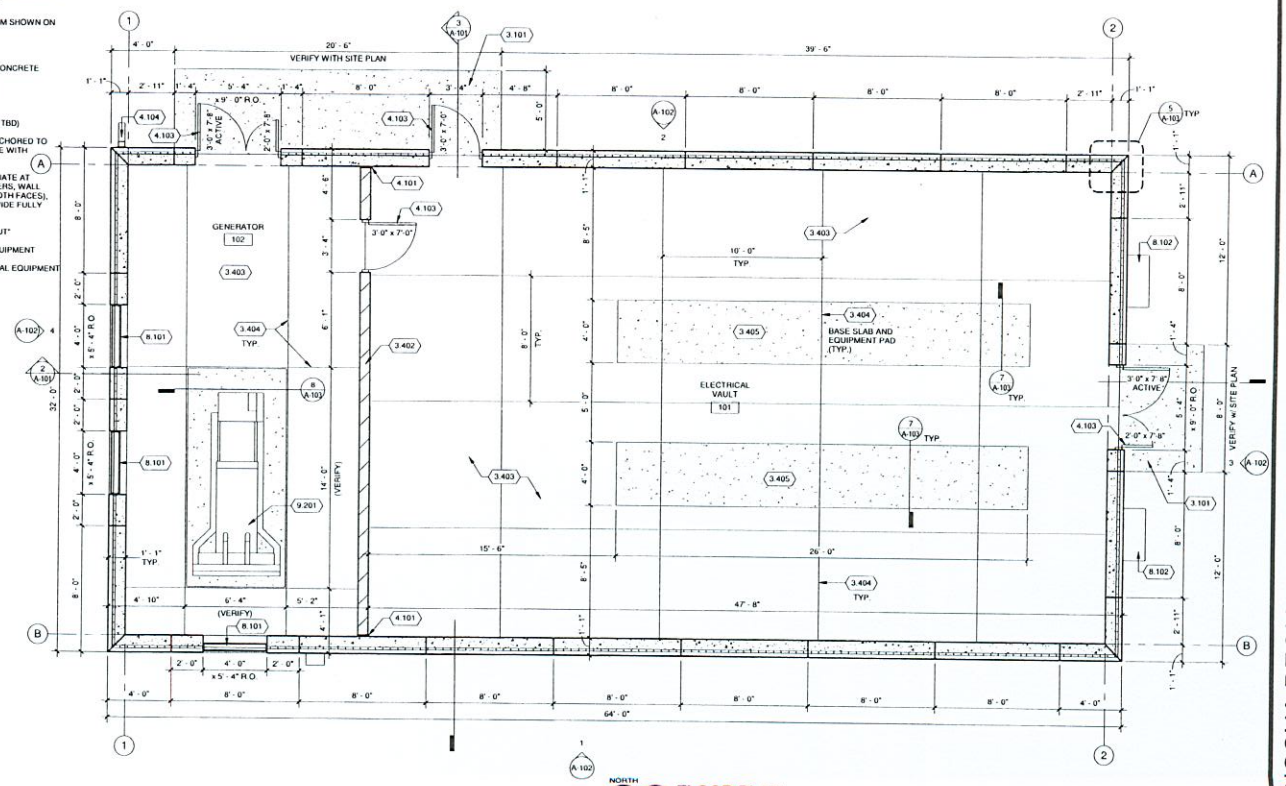
HM DOORS AND FRAMES:

ALL LOCATIONS:
- 5 3/4" x 2" x 14 GA. FULLY WELDED FRAMES (2" HEAD U.N.O.)
- FULL FLUSH SEAMLESS (WELDED, GROUND, AND FILLED) 16 GA. DOOR PANELS WITH FLUSH TOP.
- (4) STAINLESS STEEL BALL BEARING HINGES PER LEAF, ACTIVE LEAF AS NOTED.

EXTERIOR LOCATIONS:
- GALVANIZED DOOR AND FRAMES
- FOAM INSULATED DOOR PANELS
- 1/2" x 6" ALUMINUM THRESHOLD WITH THERMAL BREAK
- WEATHER STRIPPING AND SILL SEALS
- STAINLESS STEEL DRIP EDGE ABOVE DOOR
- LOCATE FRAME OVER WALL INSULATION
- PAINT (COLOR TO MATCH ALUMINUM WINDOW FRAMES)

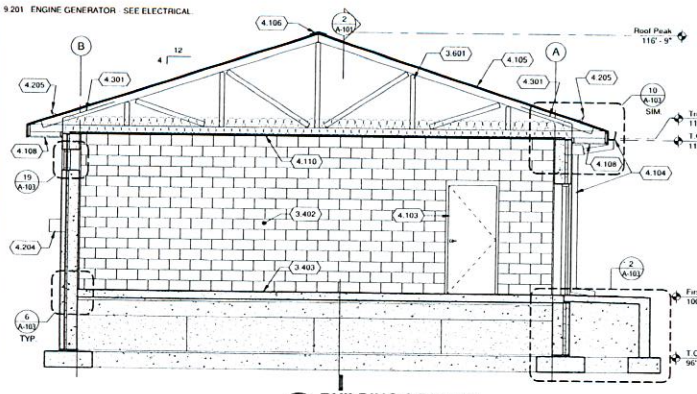
ACTIVE LEAF:
MORTISE LOCK PANIC EXIT DEVICE (ANSI A156.3, GRADE 1)
KEYED BREAKAWAY LEVER TRIM (ANSI F04, GRADE 1)
FULL HEIGHT ASTRAGAL
SURFACE MOUNTED OVERHEAD DOOE STOP w/ HOLD OPEN CLOSER

INACTIVE LEAF:
MANUAL SURFACE BOLTS TOP AND BOTTOM
SURFACE MOUNTED OVERHEAD DOOR STOP w/ HOLD OPEN CLOSER
COORDINATOR

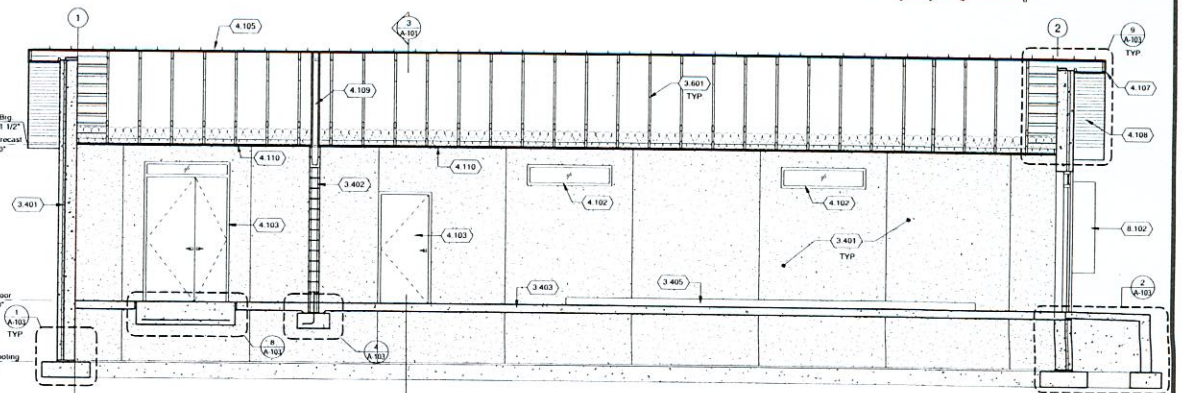


NORTH

1 FLOOR PLAN
1/4" = 1'-0"



3 BUILDING SECTION
1/4" = 1'-0"



2 BUILDING SECTION
1/4" = 1'-0"

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KENOSHA REGIONAL AIRPORT ELECTRICAL VAULT AND AIRFIELD LIGHTING

ISSUED

BID SET

AIP NO.	3-55-0029-2
M&H NO.	R2309929.1
DATE	MARCH 27,
DESIGNED BY	TMH
DRAWN BY	TMH
CHECKED BY	KSK

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SHEET CONTENTS:
FLOOR PLAN & BUILDING SECTIC

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A-10

2013 10:47:38 AM C:\Revit Local\R2309929 111532 C1-central_TBBW.rvt

KEYED NOTES

3.401 INSULATED PRECAST CONCRETE WALL PANEL (8+2+3) DOWN TO FOOTINGS WITH CONTINUOUS INSULATION - FOR VERTICALLY FLUTED PORTION (SEE ELEVATIONS) B.O.D. = FITZGERALD FORMLINER #14323 - FLUTED RIB. FLAT PORTIONS TO HAVE LIGHT SANDBLAST FINISH

4.102 THERMALLY BROKEN ALUMINUM FRAME WINDOWS; NOMINAL 2" X 4 1/2" FRAMES WITH THERMAL BREAKS & INSULATED LAMINATED GLASS; LOCATE OVER WALL INSULATION. WINDOW TYPE W1 = 5' - 4"W X 1' - 4"H, WINDOW TYPE W2 = 4' - 0"W X 1' - 4"H. PROVIDE BLOCKING IN INSULATION SPACE AS REQUIRED. FINISH - KYNAR 500 (FLUROPON) COLOR TBD.

4.103 HOLLOW METAL DOOR AND FRAME - SEE DOOR AND HARDWARE NOTES ON A-101 - PROVIDE TRANSOM FRAME AND 1" INSULATED LAMINATED GLAZING AT DOUBLE DOORS AS SHOWN ON EXTERIOR ELEVATIONS.

4.104 SEAMLESS PREFINISHED METAL GUTTER AND DOWNSPOUT - SEE DETAIL 5/A-102

4.105 PREFINISHED METAL STANDING SEAM ROOF SYSTEM OVER SELF-ADHERING WATERPROOFING UNDERLAYMENT OVER 5/8" T&G PLYWOOD.

4.106 CONTINUOUS PREFINISHED METAL RIDGE VENT - MATCH ROOF.

4.107 PREFINISHED METAL FASCIA - MATCH ROOF COLOR (TYP.)

4.201 GENERATOR EXHAUST WITH WEATHER CAP. VERIFY EXACT FINAL LOCATION W/ MFR. PROVIDE "HOT-STACK" WALL PENETRATION WITH WEATHERPROOF FLASHING. FIELD PAINT BLACK WITH HIGH TEMPERATURE PAINT. PROVIDE HD GALVANIZED BRACING AS REQUIRED; COORDINATE WITH PRECAST.

4.202 VENTS - COORDINATE EXACT HEIGHT AND LOCATION W/ G.C. AND GENERATOR SUPPLIER TO MEET ALL APPLICABLE CODES.

4.203 ALARM BOX - COORDINATE EXACT HEIGHT AND LOCATION W/ G.C. AND GENERATOR SUPPLIER TO MEET ALL APPLICABLE CODES.

4.204 FUEL FILL - COORDINATE EXACT HEIGHT AND LOCATION W/ G.C. AND GENERATOR SUPPLIER TO MEET ALL APPLICABLE CODES.

4.205 FULL LENGTH SNOW GUARD SYSTEM W/ PREFINISHED METAL INSERTS TO MATCH STANDING SEAM ROOF. PROVIDE ACCESSORY SNOW CLIPS AT EACH ROOF PANEL TO RETAIN SNOW/ICE BELOW CONTINUOUS GUARD.

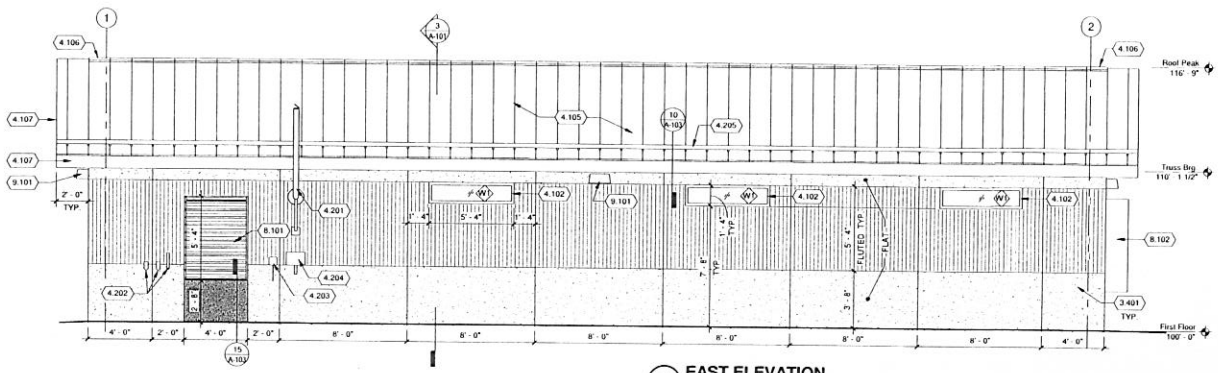
8.101 PREFINISHED LOUVERS (SEE MECH. DRAWINGS) MATCH COLOR OF ALUMINUM WINDOW FRAMES. FIELD PAINT. COLOR TBD.

8.102 FAN COIL UNIT - SEE MECHANICAL

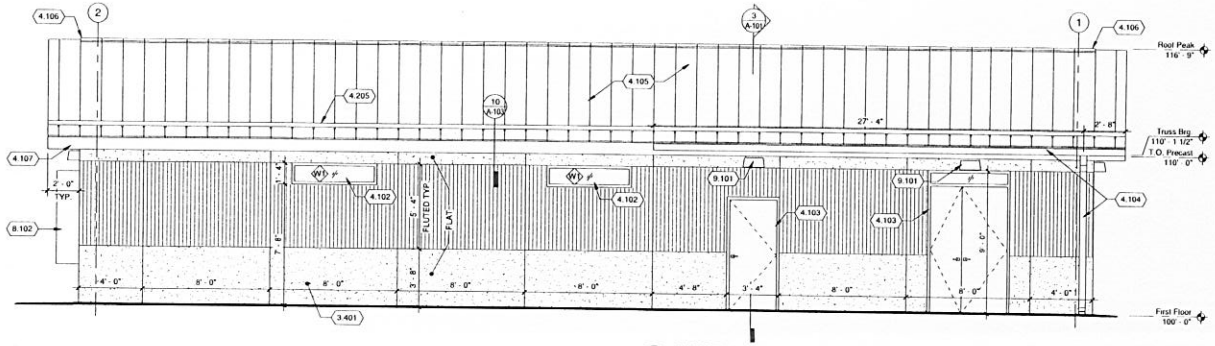
9.101 EXTERIOR LIGHT FIXTURE - SEE ELECTRICAL.

EXTERIOR ELEVATIONS GENERAL NOTES:

1. CONFIRM AND COORDINATE ALL DIMENSIONS FOR PROPER FIT-UP
2. VAULT FINISH FLOOR ELEVATION OF 100'-0" IS EQUAL TO SITE DATUM SHOWN ON SITE DRAWINGS.
3. FIELD PAINT ALL EXPOSED EXTERIOR PIPES, CONDUITS, BOXES, EXPOSED STEEL, ETC. (TYP.)
4. PROVIDE CONTINUOUS SEALANT WITH BACKER RODS AS APPROPRIATE AT PERIMETERS OF DOOR AND WINDOW FRAMES (BOTH SIDES), LOUVERS, WALL AND ROOF PENETRATIONS, PRECAST CONCRETE PANEL JOINTS (BOTH FACES), AND OTHER JOINTS BETWEEN MATERIALS AS NECESSAHY TO PROVIDE FULLY WEATHER TIGHT CONSTRUCTION AND FINISHED APPEARANCE.
5. PROVIDE SIGN ON ALL DOORS: "DANGER - HIGH VOLTAGE - KEEP OUT"
6. GENERATOR ROOM LAYOUT AND LOUVER SIZES ARE BASED ON EQUIPMENT SPECIFIED. VERIFY REQUIREMENTS AND INCLUDE ALL NECESSARY ADJUSTMENTS / MODIFICATIONS NEEDED TO ACCOMMODATE ACTUAL EQUIPMENT PROVIDED - SEE ELECTRICAL



1 EAST ELEVATION
1/4" = 1'-0"



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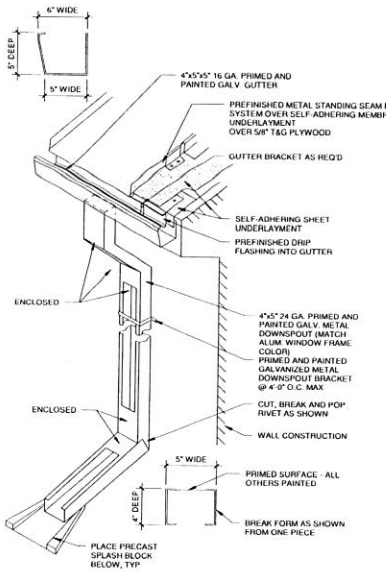

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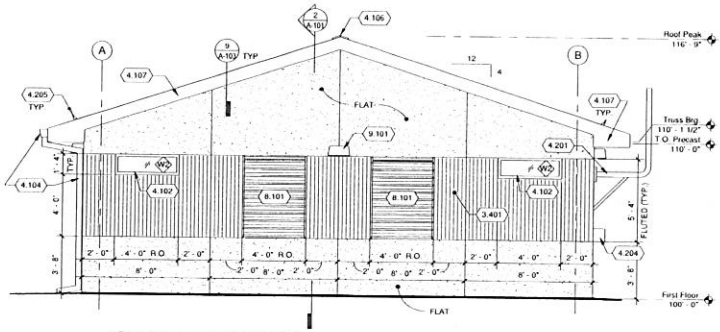

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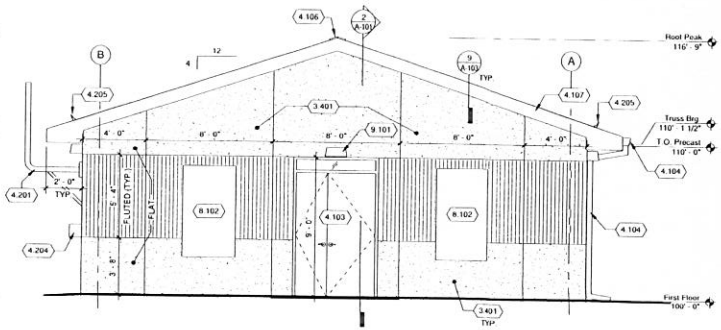

3 NORTH ELEVATION
1/4" = 1'-0"

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SHEET CONTENTS
EXTERIOR ELEVATIONS

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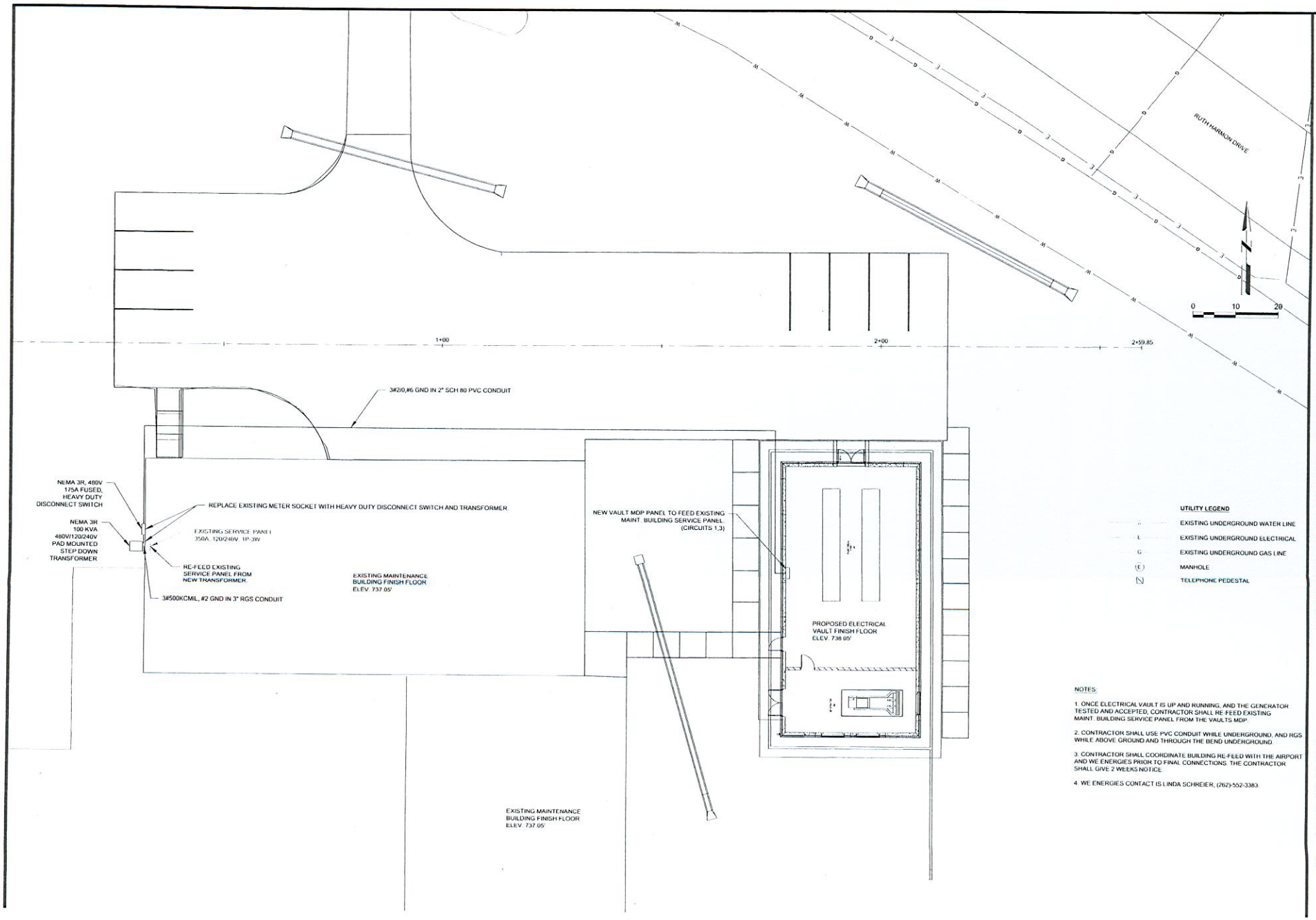

NOTES:

1. ONCE ELECTRICAL VAULT IS UP AND RUNNING, AND THE GENERATOR TESTED AND ACCEPTED, CONTRACTOR SHALL RE-FEED EXISTING MAINT. BUILDING SERVICE PANEL FROM THE VAULTS MDP.

2. CONTRACTOR SHALL USE PVC CONDUIT WHILE UNDERGROUND, AND RGS WHILE ABOVE GROUND AND THROUGH THE BEND UNDERGROUND.

3. CONTRACTOR SHALL COORDINATE BUILDING RE-FEED WITH THE AIRPORT AND WE ENERGIES PRIOR TO FINAL CONNECTIONS. THE CONTRACTOR SHALL GIVE 2 WEEKS NOTICE.

4. WE ENERGIES CONTACT IS LINDA SCHREIER, (262)-552-3383.

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&Hu
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SHEET CONTENTS

VAULT ELECTRIC
SITE WORK

SHEET NO. 22 of 49

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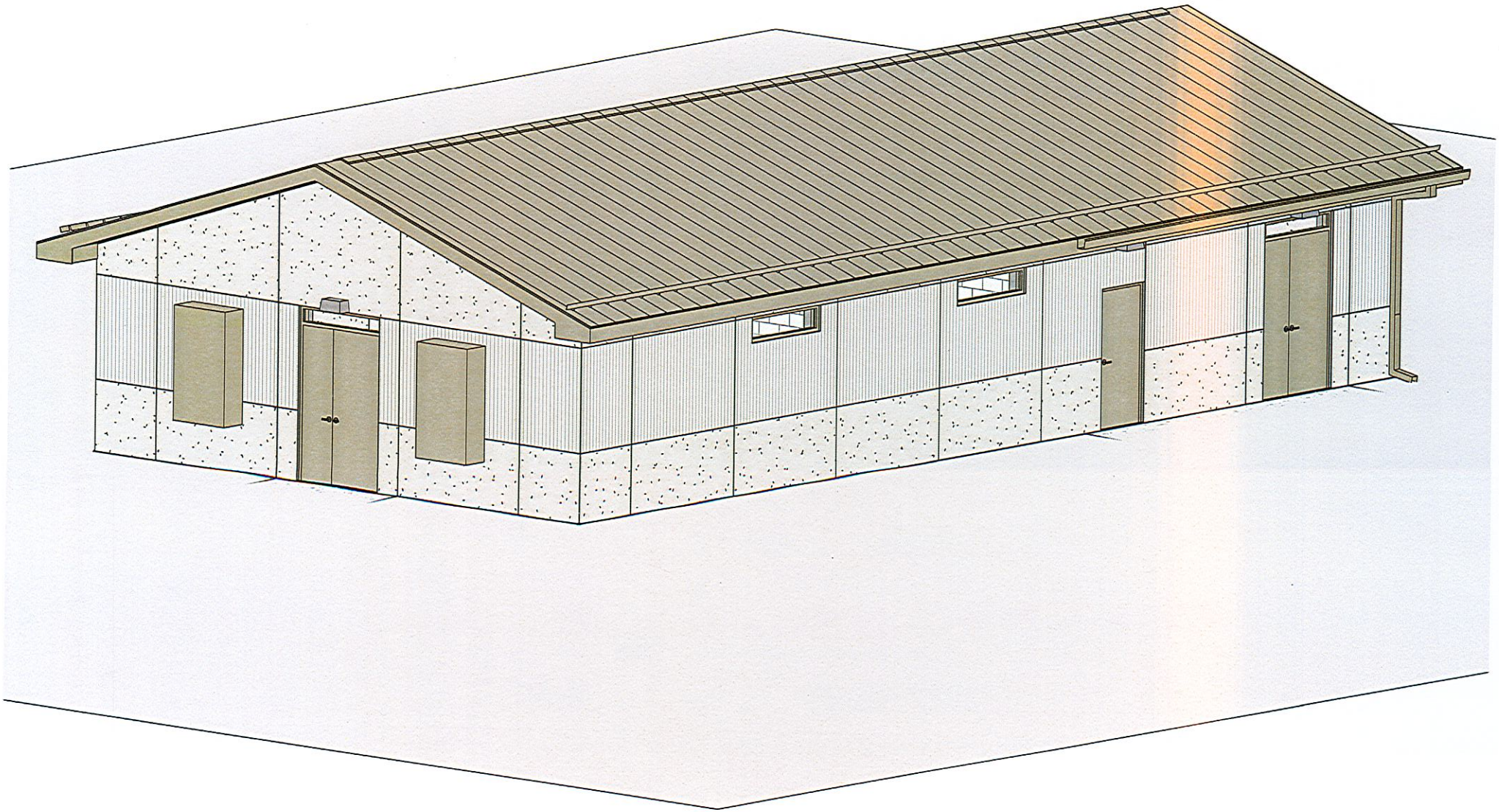

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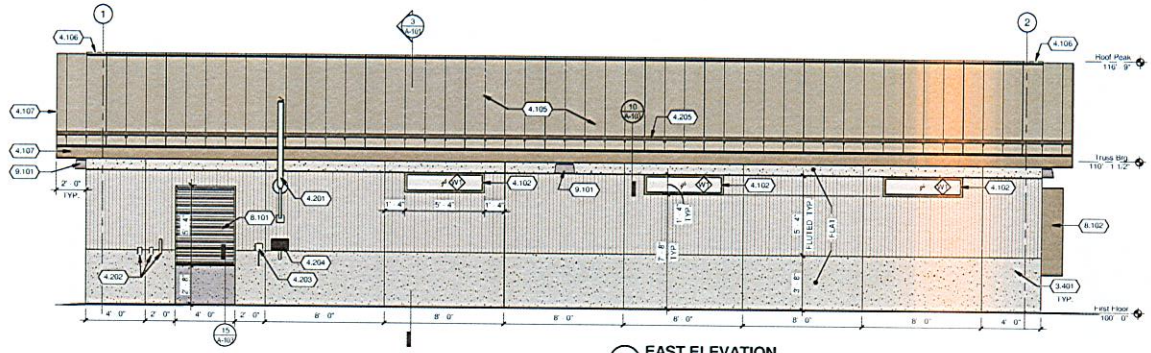

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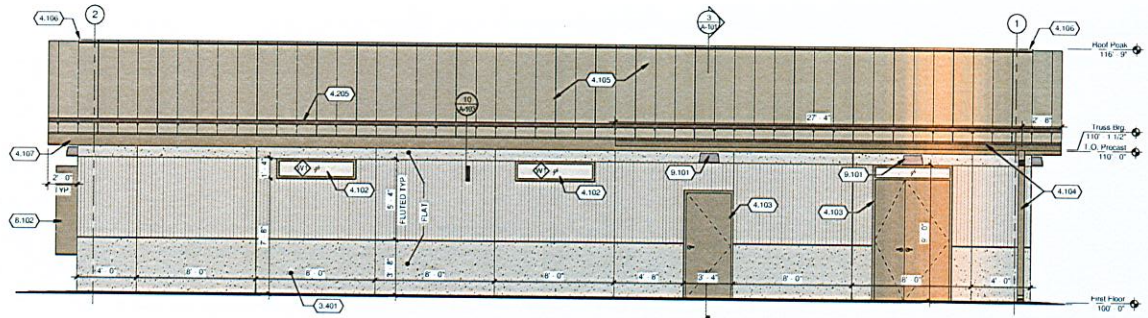

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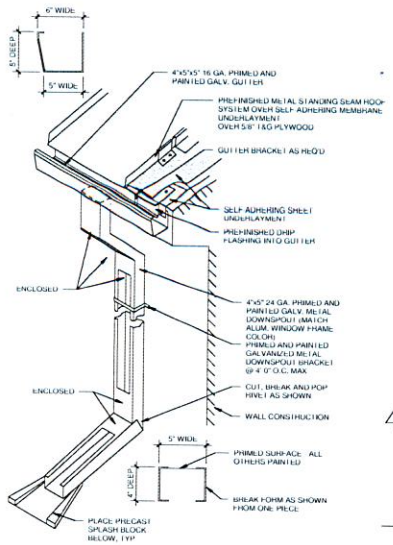

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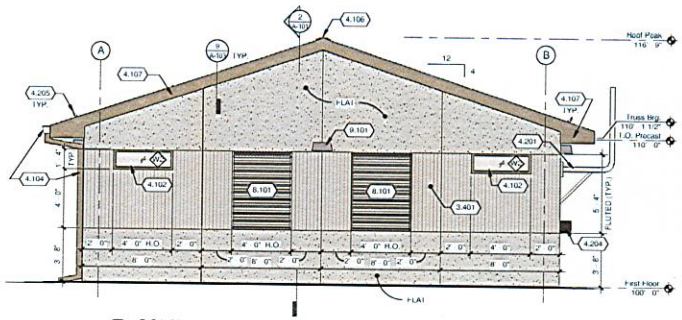

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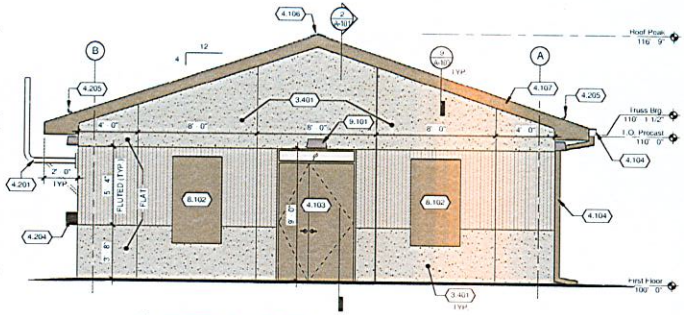

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ELECTRICAL VAULT AND AIRFIELD LIGHTING
9900 52nd St.
Kenosha, WI 53144

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SHEET ELEMENTS:
EXTERIOR ELEVATIONS

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