

### MATERIALS LEGEND

	EXISTING MATERIAL		PLYWOOD SHEATHING
	STEEL		CONTINUOUS WOOD BLOCKING
	CONCRETE		WOOD BLOCKING OR SHIM
	FIBER-CEMENT BOARD		WOOD TRIM
	GYPSUM BOARD/ PLASTER		BRICK
	BATT INSULATION		CONCRETE BLOCK
	RIGID BOARD INSULATION		SPRAYED FOAM INSULATION

### SYMBOLS LEGEND

	- SECTION LABEL		KEY NOTE
	- SHEET NUMBER		OPENING TYPE CALLOUT
	DETAIL NUMBER -		WALL TYPE CALLOUT
	SHEET NUMBER -		DOOR NUMBER
	EXTERIOR ELEVATION		ROOM NUMBER
	INTERIOR ELEVATION		ROOM NAME
	NEW ELEVATION		COLUMN GRID LINE
	EXISTING ELEVATION		MATCH LINE SEE XX/X.XX
	NEW FINISH GRADE CONTOURS		BENCH MARK
	UNCHANGED EXISTING GRADES		ELEVATION IN SECTION +X'-X"
	ALTERED EXISTING GRADES		FOOTING SIZE
			FOOTING ELEVATION

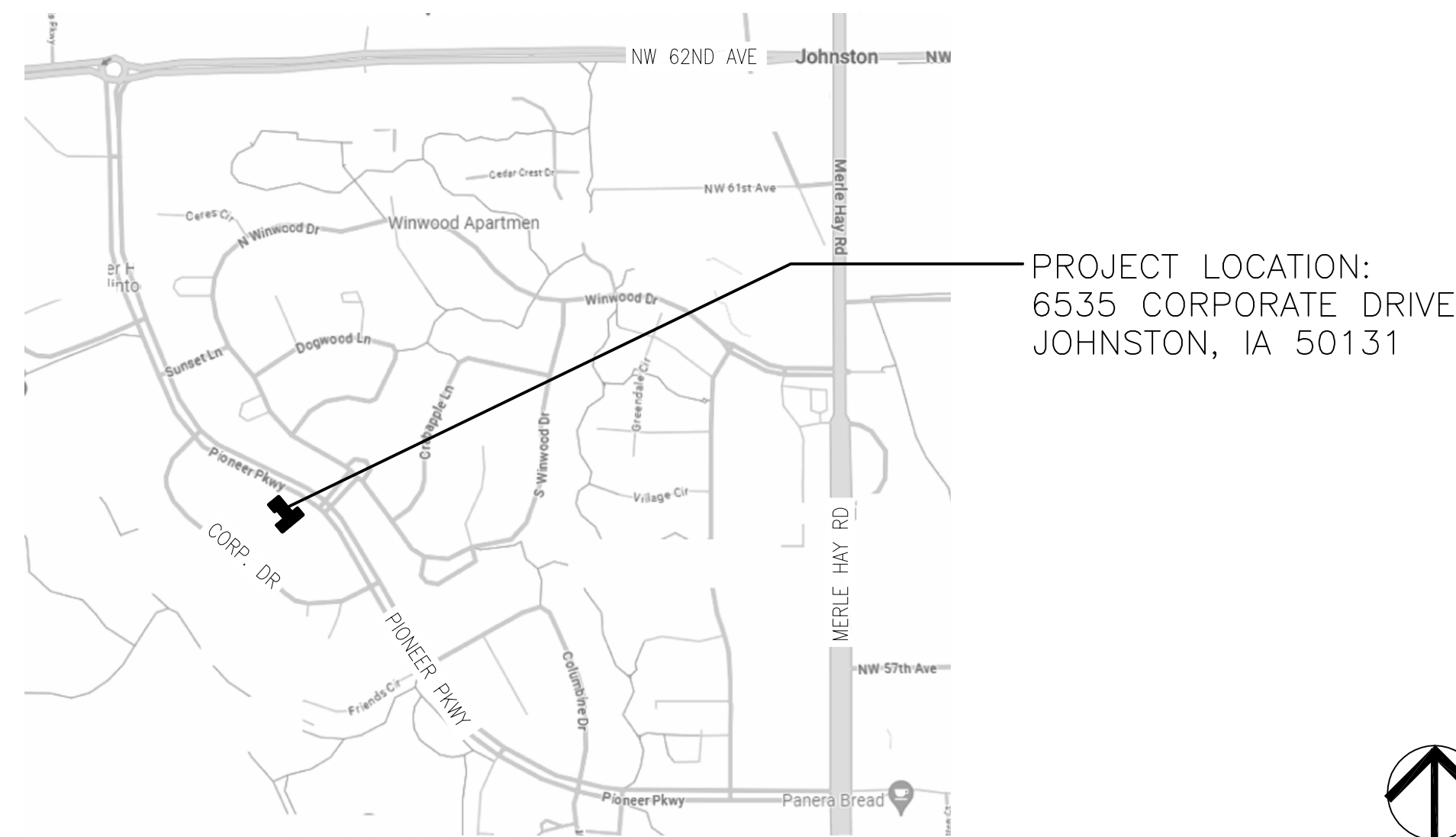
## PROJECT TITLE: DOE IPBS JOH 6535 CORPORATE DR ROOF REPLACEMENT

**DAS PROJECT # 9367.00  
GENESIS NO. 2401**

**PROJECT LOCATION:  
6535 CORPORATE DRIVE  
JOHNSTON, IA 50131**

### LOCATION MAP

N.T.S.



### CONTACT INFO:

**OWNERS:**  
STATE OF IOWA, DEPARTMENT OF ADMINISTRATIVE SERVICES  
109 SE 13TH STREET  
DES MOINES, IOWA 50319  
DAS REPRESENTATIVE: BRANDON ADAMS  
PH: 515-201-2197

**CLIENT:**  
IOWA PBS  
6535 CORPORATE DRIVE, JOHNSTON, IA 50131  
CLIENT REPRESENTATIVE: JAMIE DYE, FACILITIES ENGINEER  
PH: 515-249-1923

**CONSTRUCTION MANAGER:**  
MCGOUGH CONSTRUCTION  
217 E. 2ND STREET, SUITE 120  
DES MOINES, IA 50309  
PROJECT MANAGER: ADAM DOUGLAS  
PH: 515-822-4229

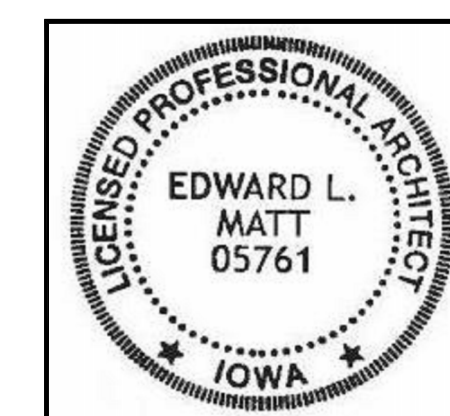
**ARCHITECT:**  
GENESIS ARCHITECTURAL DESIGN  
939 OFFICE PARK ROAD  
WEST DES MOINES, IOWA 50265  
PROJECT ARCHITECT: EDWARD L. MATT, AIA  
PH: 515-440-1681

### SHEET INDEX

<b>ARCHITECTURAL</b>	
A0.0	COVER, SHEET INDEX, CONTACTS, SYMBOLS, & ABBREVIATIONS
A0.1	LOCATION AND STAGING MAP
A1.0	ROOF PLAN
A2.0	DETAILS

### ABBREVIATIONS

ADJ	ADJUSTABLE	FND	FOUNDATION	PT	PAINT
A/E	ARCHITECT / ENGINEER	FIN	FINISH	R&R	REMOVE AND REPLACE
AMT	AMOUNT	FLR	FLOOR	RAD	RADIUS
APPROX	APPROXIMATELY	FT	FOOT OR FEET	RCJ	REINFORCED CONTROL JOINT
ARCH	ARCHITECT	GA	GAUGE	RCMU	REINFORCED CONC. MASONRY JT.
AVE	AVERAGE	GND	GALVANIZED GROUND	REBAR	REINFORCING BAR
BD	BOARD	H	HIGH	REINF	REINFORCED
BLDG	BUILDING	HGT	HEIGHT	REJ	ROOF EXPANSION JOINT
BLK	BLOCK	HORIZ	HORIZONTAL	REQ'D	REQUIRED
BRK	BRICK	INCL	INCLUDED	RQMT	REQUIREMENT
BSMT	BASEMENT	INT	INTERIOR	SECT	SECTION
CC	CENTER TO CENTER	IS	INSIDE	SF	SQUARE FOOT OR FEET
CJ	CONTROL JOINT	IS	INSIDE	SHT	SHEET
CL	CENTER LINE	IS	INSIDE	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT	JT	JOINT	SPEC	SPECIFICATION
COL	COLUMN	KW	KEY WALL	SQ	SQUARE
CONC	CONCRETE	MAS	MASONRY	STD	STANDARD
CONT	CONTINUOUS	MTL	METAL	STL	STEEL
CONTR	CONTRACTOR	MFR	MANUFACTURER	T&B	TOP AND BOTTOM
CRS	COURSES	MIN	MINIMUM	TOW	TOP OF WALL
CTR	CENTER	MISC	MISCELLANEOUS	T.P.	TUCK POINT
D	DEPTH	MO	MASONRY OPENING	TWF	THROUGH WALL FLASHING
DEMO	DEMOLITION	NO	NOT IN CONTRACT	TYP	TYPICAL
DTL	DETAIL	NTS	NOT TO SCALE	UNO	UNLESS NOTED OTHERWISE
DIA	DIAMETER	OC	ON CENTER	VERT	VERTICAL
DIM	DIMENSION	OPNG	OPENING	W	WIDTH
DN	DOWN	ORIG	ORIGINAL	W/O	WITHOUT
DO	REPEAT	OS	OUTSIDE	WCJ	WALL CONTROL JOINT
DWG	DRAWING	PR	PAIR	WD	WOOD
EA	EACH	PROT	PROTECTION	WEJ	WALL EXPANSION JOINT
EJ	EXPANSION JOINT			WGT	WEIGHT
EJF	EXPANSION JOINT FILLER				
ELEV	ELEVATION				
ENGR	ENGINEER				
EQ	EQUAL				
EX/EXST	EXISTING				
EXT	EXTERIOR				



I hereby certify that the portion of this technical submission described below was prepared by me or under my supervisor and responsible charge. I am a duly registered Architect under the laws of the State of Iowa.

Signature \_\_\_\_\_ 05761  
Edward L. Matt Reg. No.  
Pages or Sheets covered in part or whole by this seal:  
A0.0, A0.1, A1.0, & A2.0.  
Date Issued: \_\_\_\_\_ MARCH 6, 2024

ARCHITECT

939 OFFICE PARK ROAD SUITE 101  
WEST DES MOINES, IOWA 50265-2505  
TEL: 515-440-1681  
FAX: 515-440-1687

PROJECT TITLE

**DOE IPBS JOH 6535 CORPORATE DR  
ROOF REPLACEMENT  
JOHNSTON, IA 50131**

SHEET CONTENTS

COVER SHEET  
INDEX  
SYMBOLS &  
ABBREVIATIONS

REVISIONS

NOTE	DATE

DAS PROJECT NO.

**9367.00**

GENESIS PROJECT NO.

**2401**

ISSUE DATE

**03-06-24**

SHEET NUMBER

**A0.0**

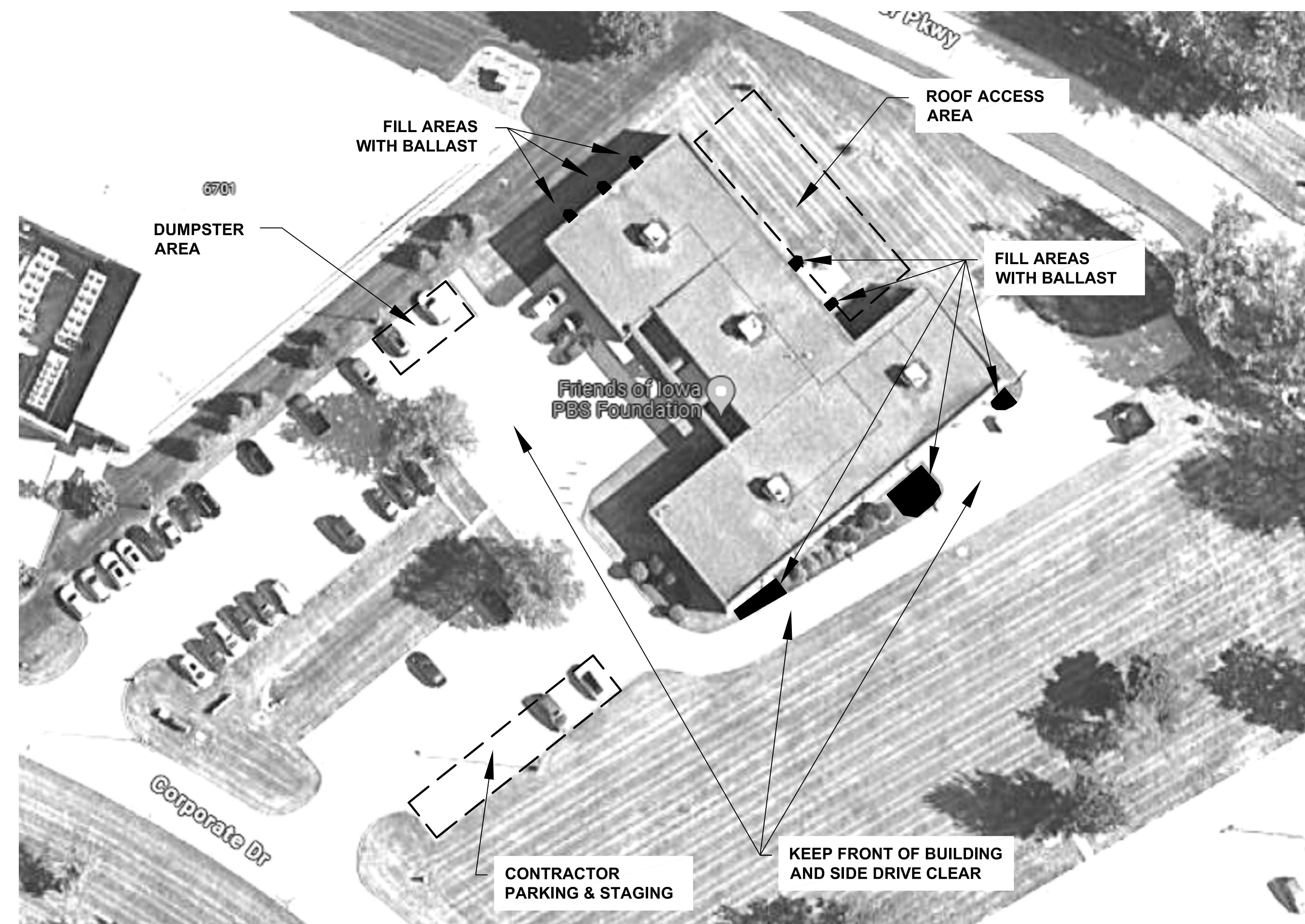
1 OF: 4

**SITE STAGING NOTES:**

1. CONTRACTOR'S PERSONNEL TO FOLLOW ALL RULES FOR CONSTRUCTION WORKERS. SEE SPECIFICATION FOR REQUIREMENTS.
2. COORDINATE ALL BUILDING AND SECURITY ISSUES WITH IPBS FACILITIES ENGINEER AND OWNER'S CONSTRUCTION MANAGER.
3. CONTRACTOR TO COORDINATE PROPOSED DAILY WORK SEQUENCE SCHEDULE WITH IPBS STAFF AND CONSTRUCTION MANAGER. IDENTIFY WORK AREA FOR EACH DAY'S WORK AND PLANNED SEQUENCE FOR ALL SECTIONS.
4. ALL ROOF ACCESS EQUIPMENT MUST BE TAKEN DOWN DAILY WITH THE EXCEPTION OF A JOB BOX THAT CAN BE SECURED ON THE ROOF.
5. ALL WORK AREAS ARE TO BE THOROUGHLY CLEANED UP AT THE END OF EACH DAY. ALL DEMOLISHED MATERIALS AND CONSTRUCTION WASTE SHALL BE REMOVED DAILY TO CONTRACTOR'S DUMPSTER LOCATION.
6. COORDINATE CONTRACTOR'S WASTE DUMPSTER LOCATION WITH OWNER FOR ON SITE DROP OFF AND PICK UP. SEE MAP FOR PROPOSED LOCATION.
7. SEE MAP FOR CONTRACTOR'S MATERIAL STAGING AND PARKING LOCATIONS.
8. SEE MAP FOR IDENTIFIED AREAS OF ROOF ACCESS.
9. SEE SPECIFICATION FOR WORK HOURS. COORDINATE WITH OWNER FOR ANY PROPOSED EXTENDED WORK HOURS INCLUDING WEEKENDS.
10. PROVIDE TEMPORARY BARRIERS AND CAUTION LINES AROUND WORK AREA. PROVIDE DEBRIS NETS OVER ENTRANCES AND EXTERIOR DOORS WHEN AND AS NEEDED.
11. CONTRACTOR TO PROTECT AND REPAIR ALL AREAS OF DAMAGED LAWN. REPAIR RUTS AND RESEED. OWNER WILL WATER UNTIL LAWN HAS BEEN RE-ESTABLISHED.
12. COORDINATE WITH OWNER TO DEPOSIT ROCK BALLAST AT THREE AREAS INDICATED ON MAP AT EAST SIDE AND 3 FEET DIAMETER AREAS UNDER 5 DOWNSPOUTS (3 ON WEST AND 2 ON NORTH), OWNER WILL PREP BALLAST DEPOSIT AREAS. REMOVE ALL OTHER BALLAST OFF SITE TO LANDFILL.
13. DO NOT STORE ROOFING MATERIALS OR FLAMMABLES ON ROOF.

**SITE STAGING MAP:**

N.T.S.



6535 CORPORATE DRIVE, JOHNSTON, IOWA



PROJECT TITLE

**DOE IPBS JOH 6535 CORPORATE DR  
 ROOF REPLACEMENT  
 JOHNSTON, IA 50131**

SHEET CONTENTS

LOCATION AND  
 STAGING MAP

REVISIONS

NOTE	DATE

DAS PROJECT NO.

9367.00

GENESIS PROJECT NO.

2401

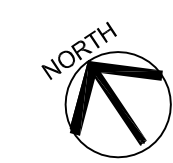
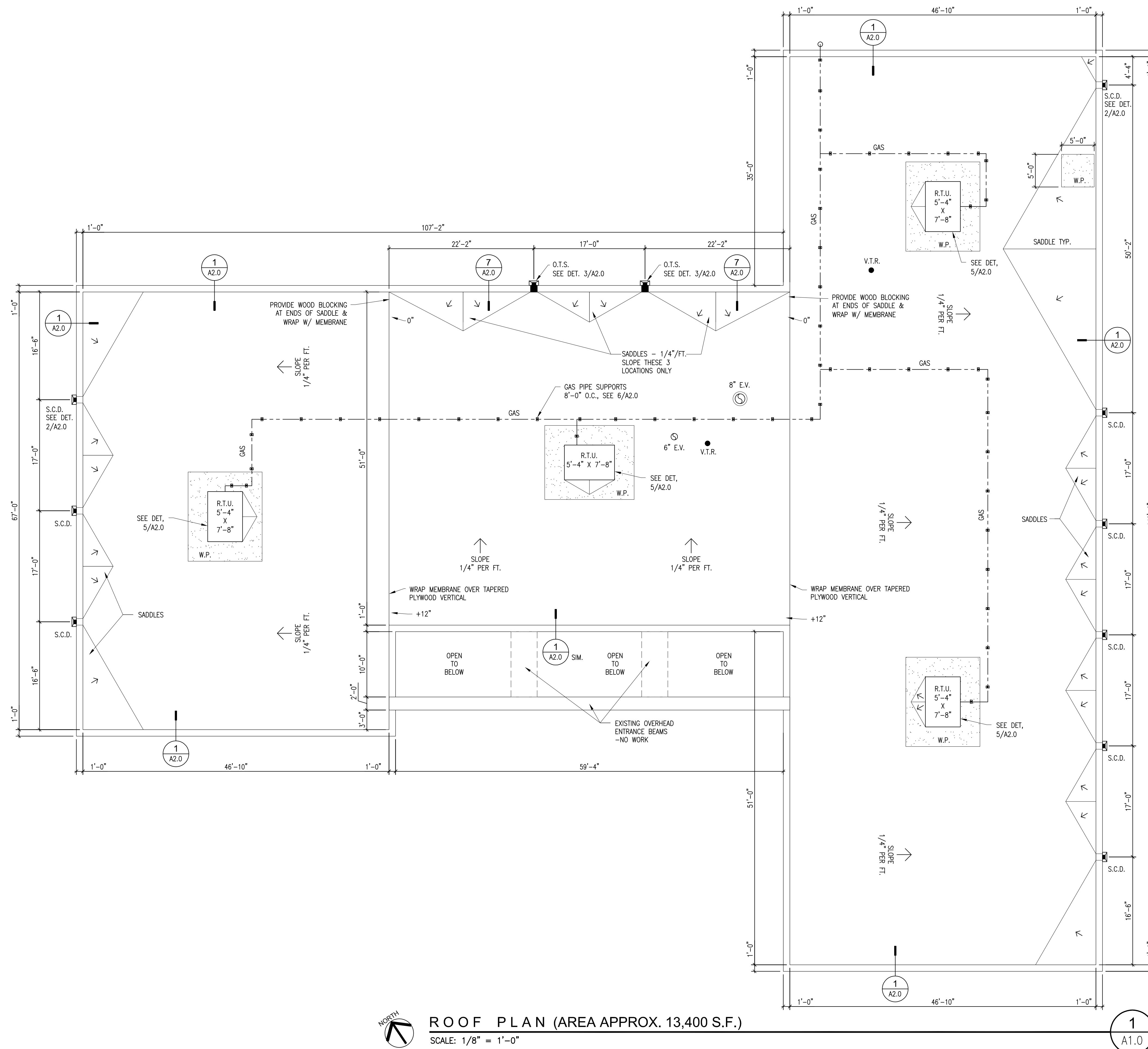
ISSUE DATE

03-06-24

SHEET NUMBER

**A0.1**

2 OF 4



**ROOF PLAN (AREA APPROX. 13,400 S.F.)**  
SCALE: 1/8" = 1'-0"

1  
A1.0

**GENERAL NOTES:**

1. ALL WORK IS TO BE CONSTRUCTED IN COMPLIANCE WITH STATE BUILDING CODES. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH INDUSTRY STANDARD PRACTICES.
2. NOTE DRAWING SCALES FOR EACH PLAN AND SHEET. PLANS AND DETAILS VARY IN SCALE.
3. CONTRACTOR VERIFY ALL DIMENSIONS WITH FIELD MEASUREMENTS. ITEMS, QUANTITIES AND SQUARE FOOT QUANTITIES ARE ESTIMATES. FIELD VERIFY ALL QUANTITIES.
4. QUANTITY, SIZE AND LOCATIONS OF ALL ROOF PENETRATIONS ARE APPROXIMATED. FIELD VERIFY.
5. CONTRACTOR TO VERIFY AND MATCH ALL EXISTING ROOF SLOPES.
6. CONTRACTOR SHALL FIELD VERIFY ALL SITE CONDITIONS. REPORT ANY DISCREPANCIES TO ARCHITECT BEFORE PROCEEDING WITH WORK.
7. DETAILS MAY VARY DEPENDING ON MANUFACTURER'S WARRANTY REQUIREMENTS.
8. CONTRACTOR TO COORDINATE ALL WORK WITH OTHER TRADES AND COORDINATE WITH OWNER'S CONSTRUCTION MANAGER.
9. PROTECT ALL FINISHED WORK FROM ADJACENT CONSTRUCTION FOR THE REMAINING DURATION OF CONSTRUCTION.
10. CONTRACTOR TO INSPECT THE CONDITION OF THE ROOF DECK AFTER TEAR-OFF. NOTIFY ARCHITECT IF ANY ROOF DECK OR SHEATHING IS DAMAGED AND NEEDS TO BE REPAIRED. SEE UNIT PRICES. VERIFY THE ROOF DECK IS ACCEPTABLE TO RECEIVE NEW WORK. VERIFY ALL VERTICAL SURFACES SUCH AS PARAPETS AND OFFSETS HAVE ACCEPTABLE SURFACES FOR MEMBRANE ATTACHMENT.
11. CONTRACTOR TO INSPECT THE CONDITION OF THE PARAPET CAP WOOD BLOCKING AFTER TEAR-OFF. NOTIFY ARCHITECT IF ANY WOOD BLOCKING IS DAMAGED AND NEEDS TO BE REPAIRED. SEE UNIT PRICES.
12. FOLLOW SMACNA STANDARDS FOR ALL PREFINISHED SHEET METAL WORK AT FLASHINGS, COPINGS, AND ROOF DRAINAGE FABRICATIONS.
13. REPLACE ALL COPINGS AND PARAPET CAPS WITH NEW PREFINISHED SHEET METAL (EXCEPT OVER ENTRANCE BEAMS)
14. REPLACE SCUPPER METAL. EXISTING CONDUCTOR HEADS TO REMAIN. SEE ALT.#1 TO REPLACE DOWNSPOUTS AND DISCHARGE ELBOWS.
15. ALL SADDLES ARE TO BE 1/2" PER FT. SLOPE EXCEPT THE THREE IN THE NORTH CENTER SECTION.

**COLOR SELECTIONS:**

1. ROOF MEMBRANE: BLACK EPDM
2. PREFINISHED METAL: MEDIUM BRONZE

**EXISTING ROOF CONSTRUCTION:**

1. EXISTING WOOD TRUSSES WITH PLYWOOD SHEATHING (SLOPED)
2. EXISTING 5 INCH FOAM INSULATION (EPS)
3. LOOSE LAID EPDM MEMBRANE
4. ROCK BALLAST

**NEW ROOF CONSTRUCTION (CLASSIFICATION "C"):**

1. EXISTING WOOD TRUSSES WITH PLYWOOD SHEATHING (SLOPED)
2. SELF-ADHERED RUBBERIZED UNDERLAYMENT
3. NEW 4 1/2" INCH POLYISO RIGID INSULATION - FULLY ADHERED
4. 1/2" HIGH DENSITY COVER BOARD - FULLY ADHERED.
5. 60 MIL EPDM MEMBRANE- FULLY ADHERED

**ROOF SYMBOLS & NOTES:**

- V.T.R. - VENT THRU ROOF SEE DETAIL 4/A2.0
- ⊙ E.V. - EXHAUST VENT SIM. SEE DETAIL 4/A2.0
- G.P.S. - GAS PIPE SUPPORTS SEE DETAIL 6/A2.0
- ☐ S.C.D. - SCUPPER (REPLACE) CONDUCTOR HEAD EXISTING DOWN SPOUT SEE DETAIL 2/A2.0
- ☐ O.T.S. - OPEN TOP SCUPPER (REPLACE) CONDUCTOR HEAD EXISTING DOWN SPOUT SEE DETAIL 3/A2.0
- W.P. - WALK PAD AT LOCATIONS INDICATED

ARCHITECT

939 OFFICE PARK ROAD SUITE 101  
WEST DES MOINES, IOWA 50265-2505  
TEL: 515-440-1681  
FAX: 515-440-1687



PROJECT TITLE

**DOE IPBS JOH 6535 CORPORATE DR  
ROOF REPLACEMENT  
JOHNSTON, IA 50131**

SHEET CONTENTS

ROOF PLAN

REVISIONS

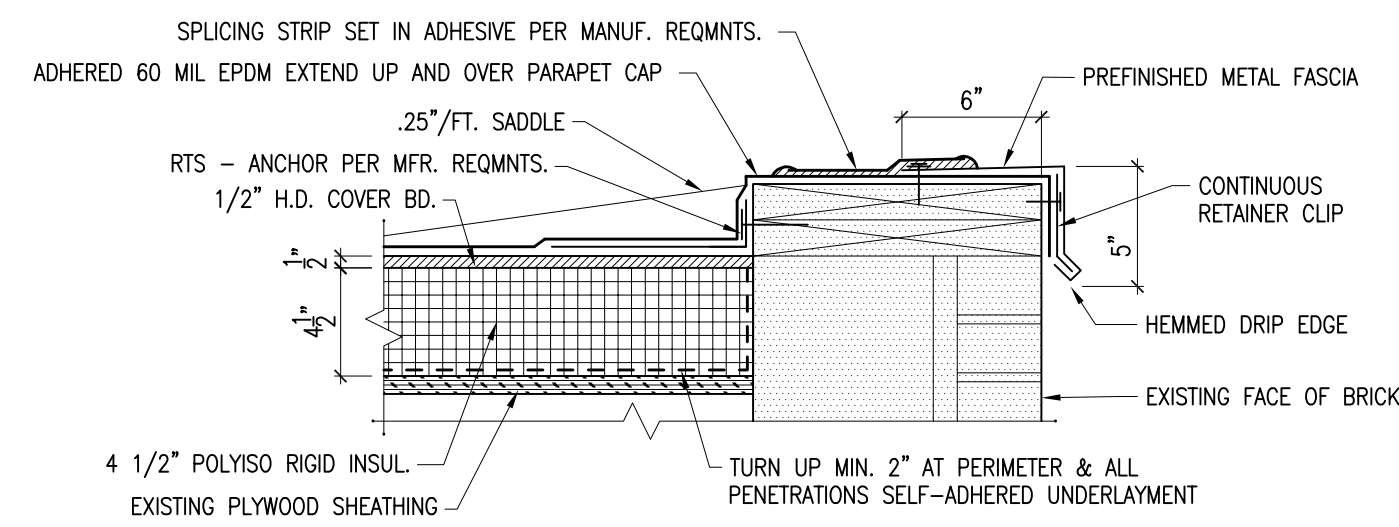
NOTE	DATE

DAS PROJECT NO.  
**9367.00**

GENESIS PROJECT NO.  
**2401**

ISSUE DATE  
**03-06-24**

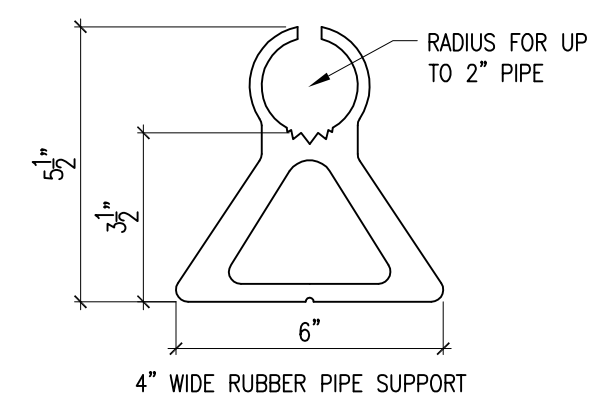
SHEET NUMBER  
**A1.0**  
3 OF: 4



**FASCIA DETAIL**

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

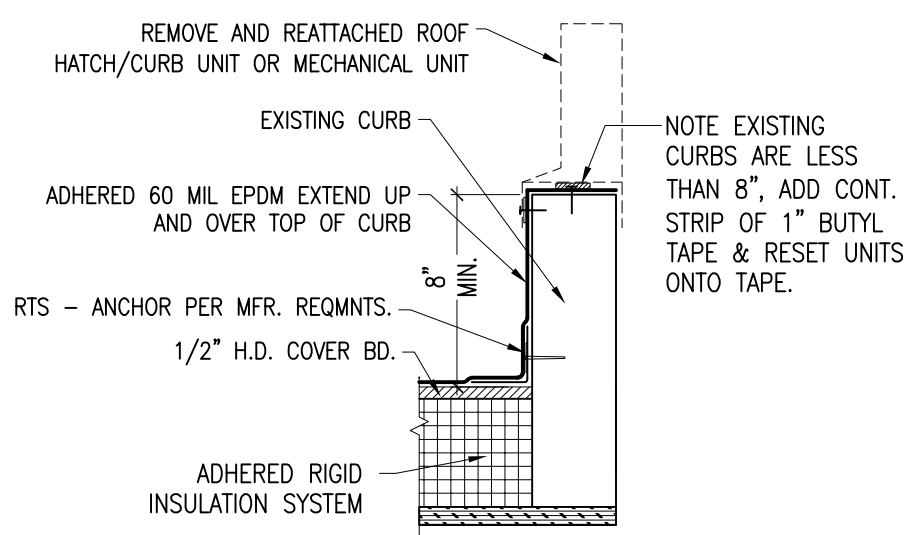
7  
A2.0



**GAS PIPE SUPPORT DETAIL**

SCALE: 3" = 1'-0"

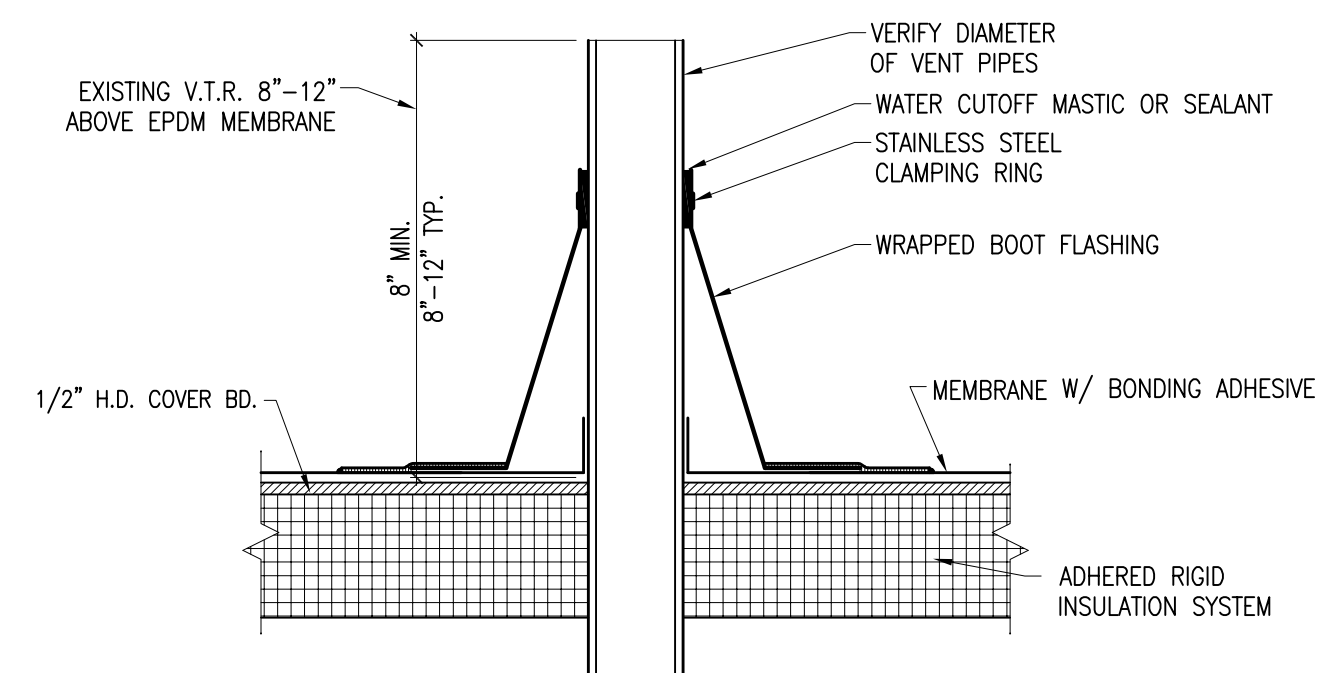
6  
A2.0



**MECH. CURB DETAIL**

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

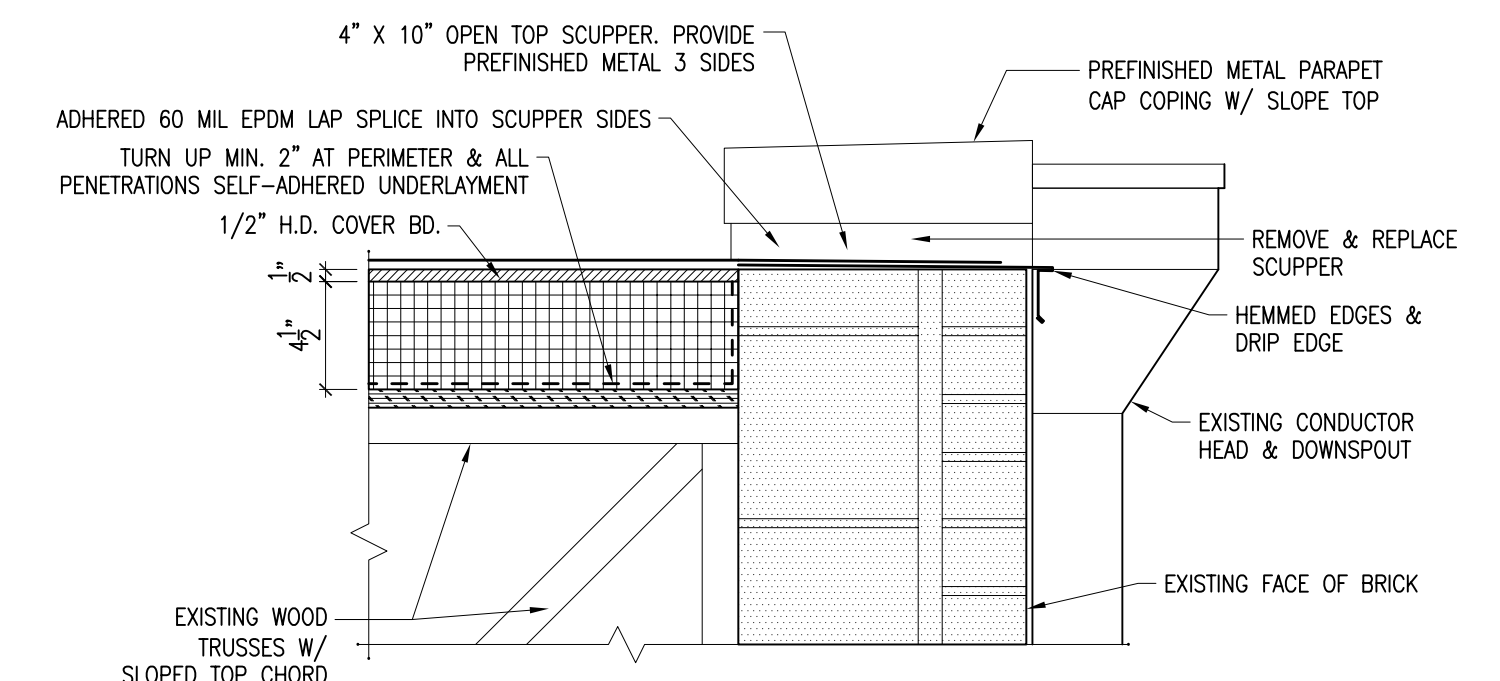
5  
A2.0



**V.T.R. DETAIL**

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

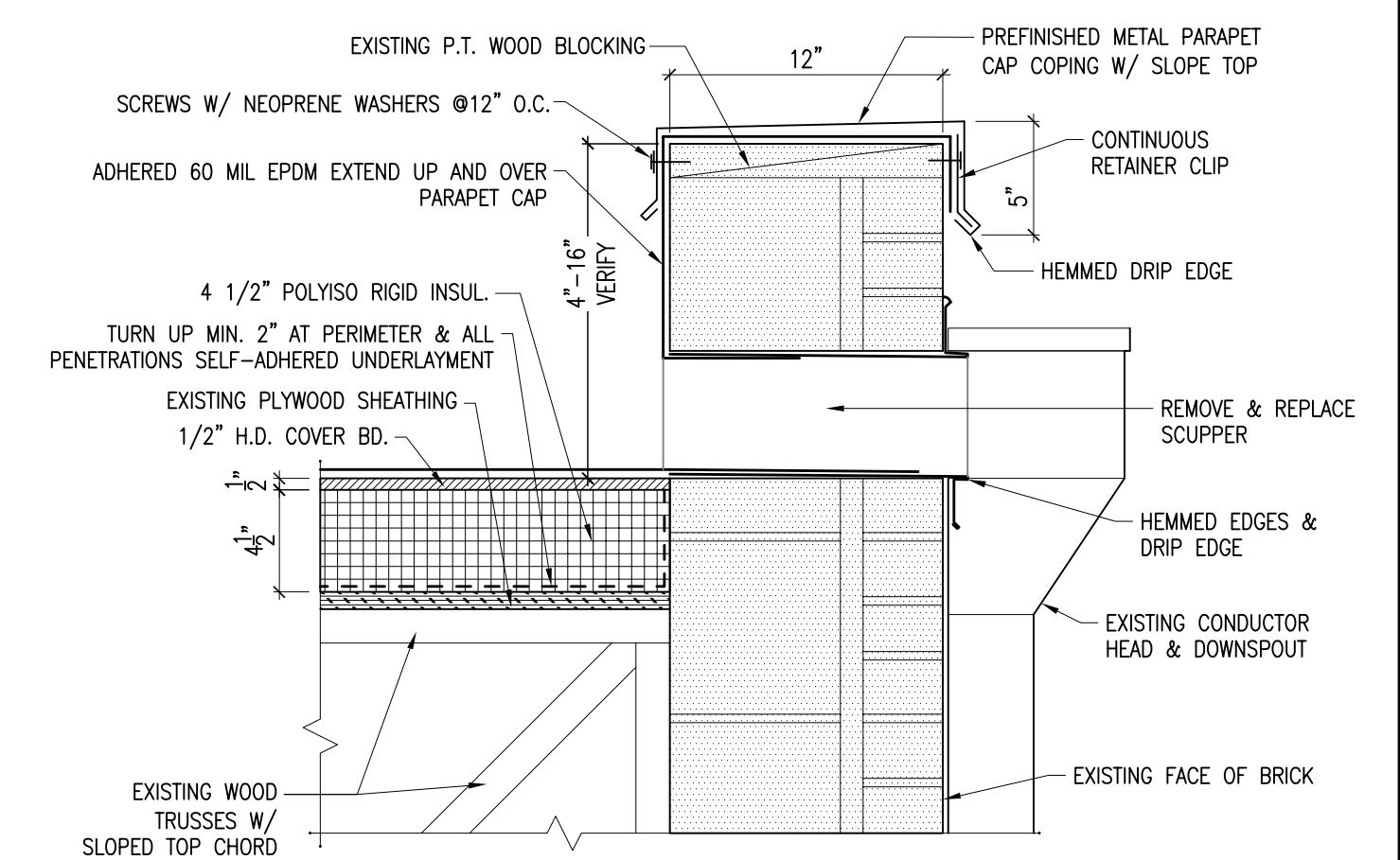
4  
A2.0



**SCUPPER 2 DETAIL (OPEN SCUPPER)**

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

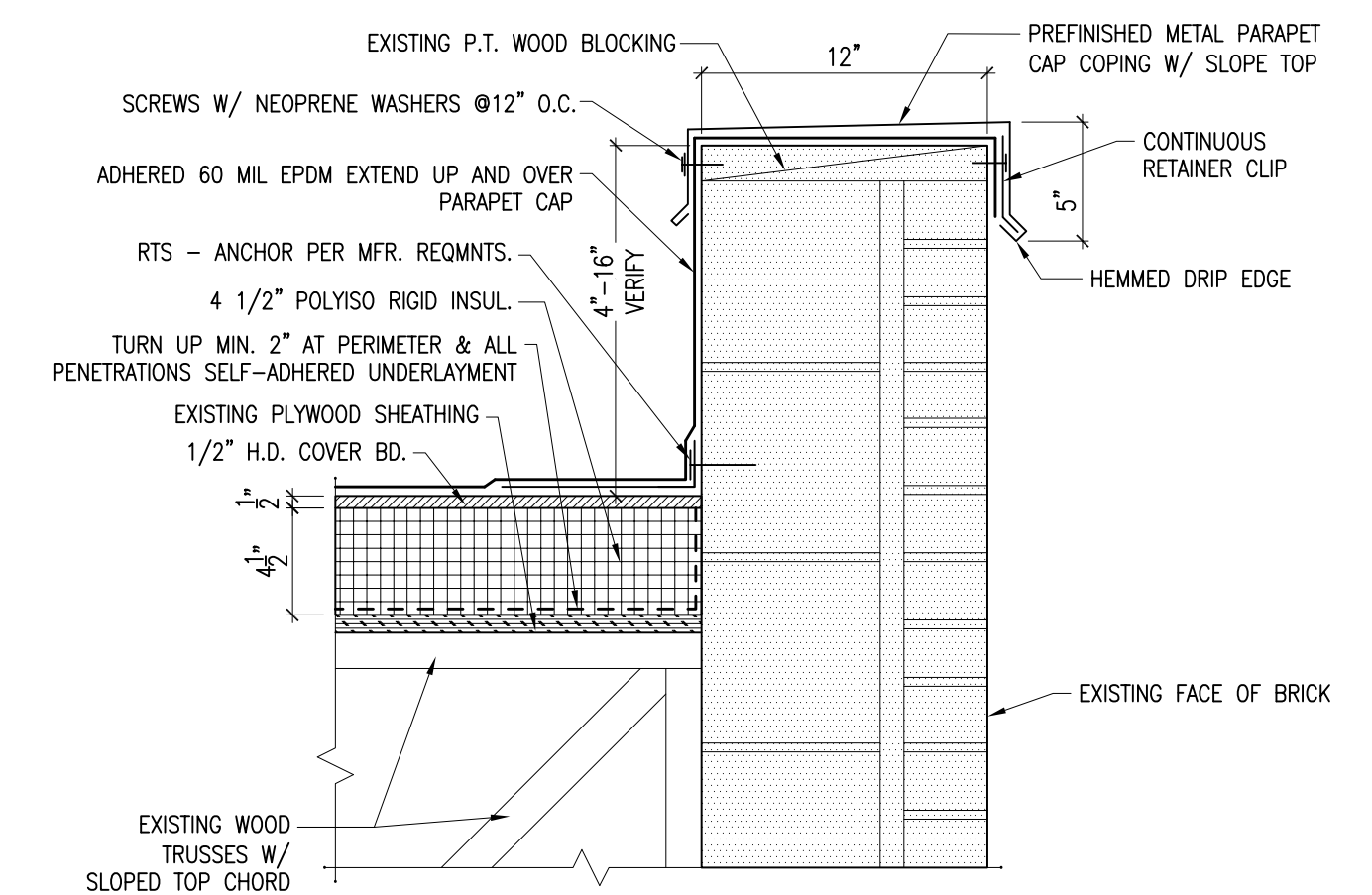
3  
A2.0



**SCUPPER 1 DETAIL**

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

2  
A2.0



**PARAPET DETAIL**

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

1  
A2.0

ARCHITECT

939 OFFICE PARK ROAD SUITE 101  
WEST DES MOINES, IOWA 50265-2505  
TEL: 515-440-1681  
FAX: 515-440-1687



PROJECT TITLE

**DOE IPBS JOH 6535 CORPORATE DR  
ROOF REPLACEMENT**

**JOHNSTON, IA 50131**

SHEET CONTENTS

DETAILS

REVISIONS

NOTE	DATE

DAS PROJECT NO.

**9367.00**

GENESIS PROJECT NO.

**2401**

ISSUE DATE

**03-06-24**

SHEET NUMBER

**A2.0**

4 OF: 4