

**DAMMON ENGINEERING, INC.**

**EMMETT DAMMON**

**ARCHITECT ROBERT WILTSE**

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ARCHITECTURE  
ENGINEERING  
STUDIES  
PLANNING  
INVESTIGATION  
EXPERT WITNESS

**GENERATOR INSTALLATION**

N.O. PRIVATE PATROL SERVICES INC.  
1620 MLK Blvd.  
New Orleans  
Louisiana  
70121

**STRUCTURAL PLAN**

*Robert Wiltse*

REV:

SCALE: AS NOTED

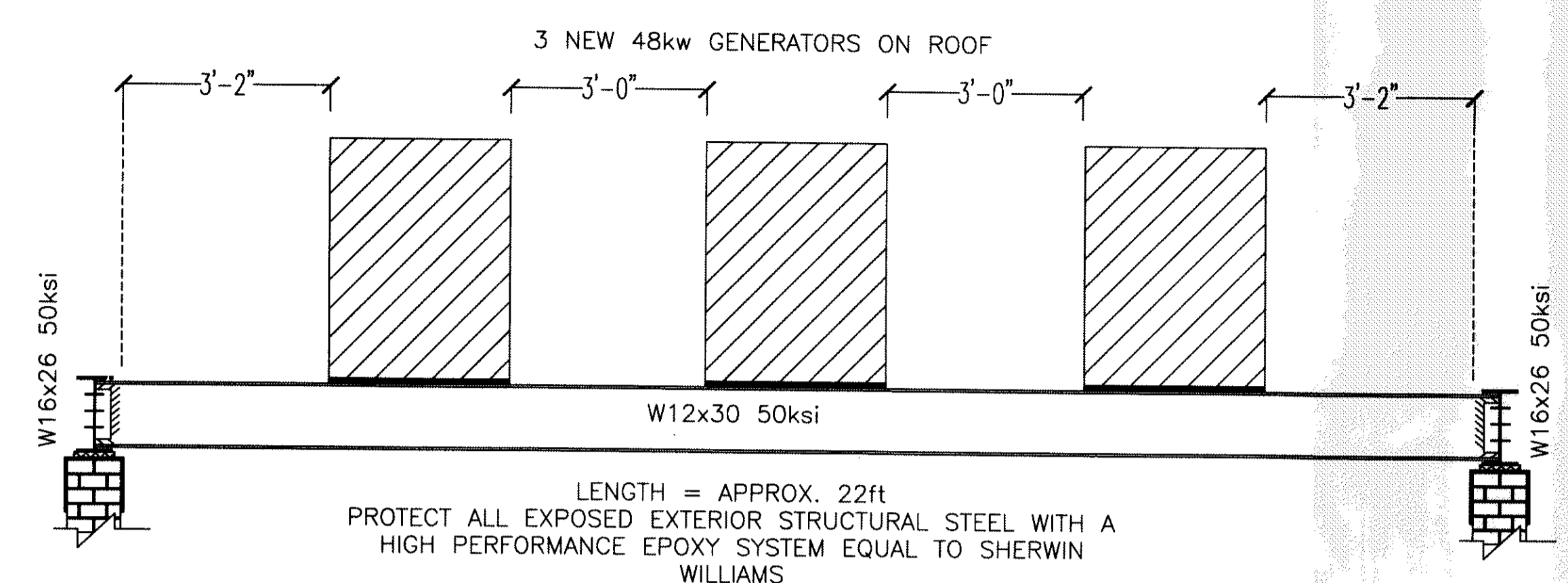
JOB: 2060

DATE: 4-1-10

SHEET 1

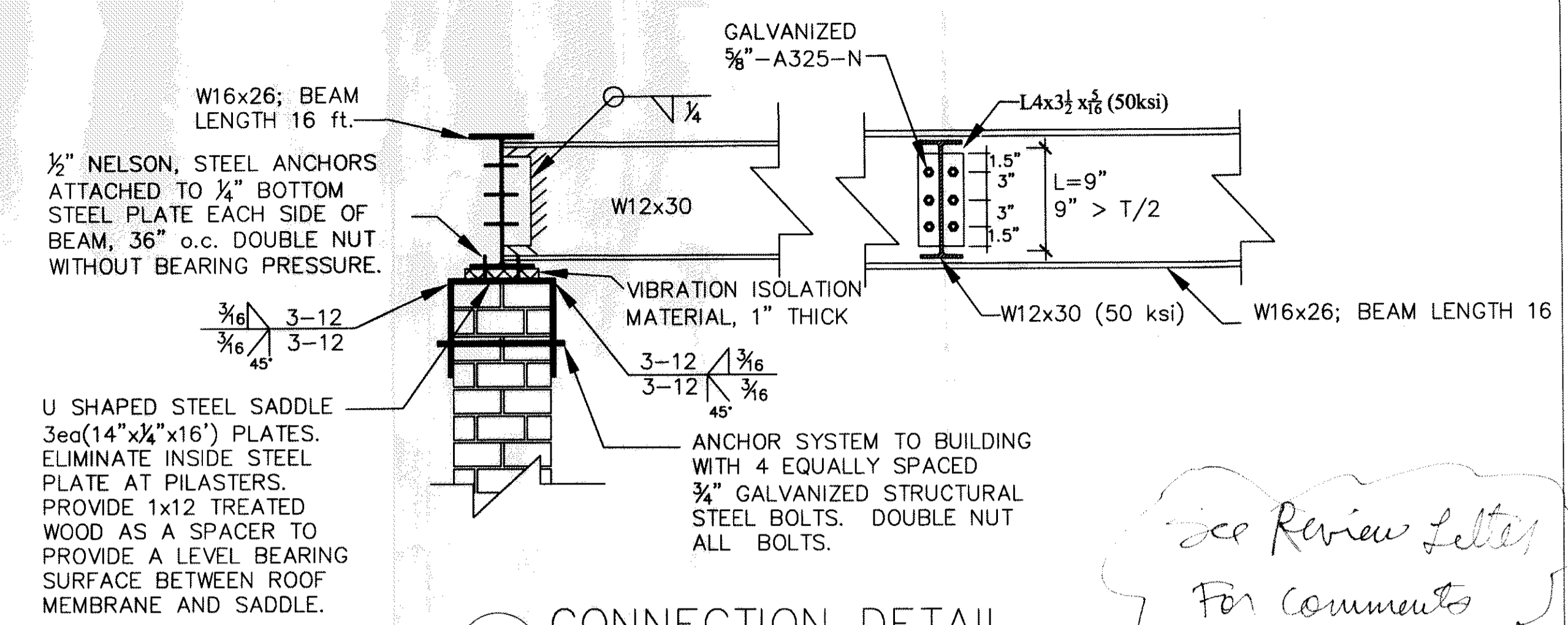
**S-1**

OF 3



LENGTH = APPROX. 22ft  
PROTECT ALL EXPOSED EXTERIOR STRUCTURAL STEEL WITH A HIGH PERFORMANCE EPOXY SYSTEM EQUAL TO SHERWIN WILLIAMS

**2 STRUCTURAL BEAMS**  
Scale: 1/2" TO 1'-0"

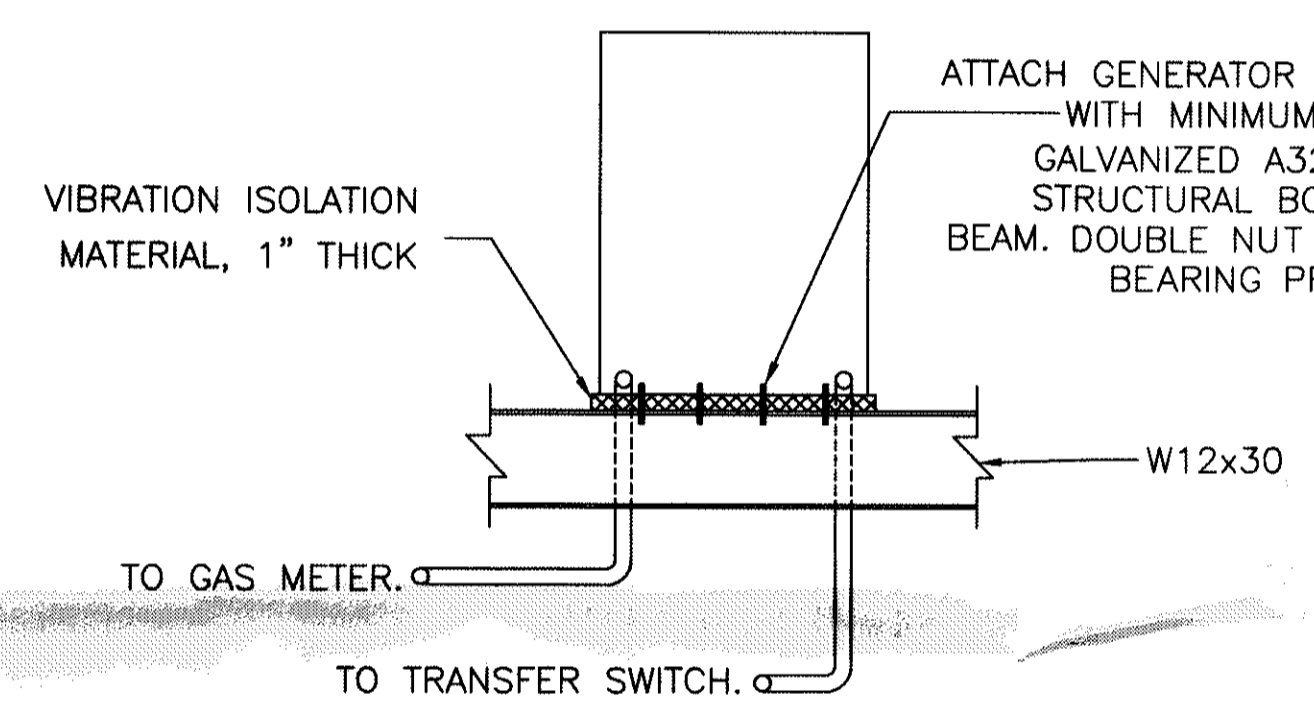


W16x26; BEAM LENGTH 16 ft.  
1/2" NELSON, STEEL ANCHORS ATTACHED TO 1/4" BOTTOM STEEL PLATE EACH SIDE OF BEAM, 36" o.c. DOUBLE NUT WITHOUT BEARING PRESSURE.

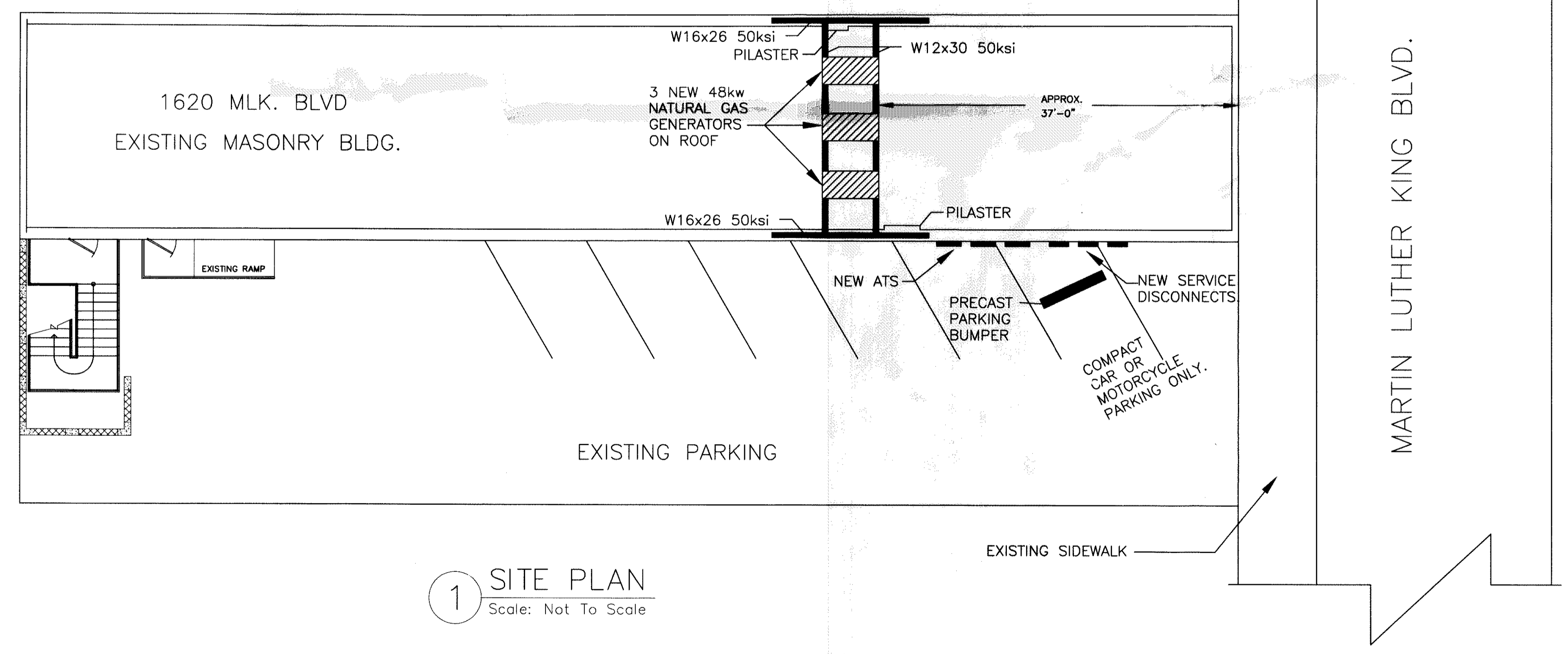
U SHAPED STEEL SADDLE 3ea(14"x1/4"x16") PLATES. ELIMINATE INSIDE STEEL PLATE AT PILASTERS. PROVIDE 1x12 TREATED WOOD AS A SPACER TO PROVIDE A LEVEL BEARING SURFACE BETWEEN ROOF MEMBRANE AND SADDLE.

**3 CONNECTION DETAIL**  
Scale: 1" TO 1'-0"

*See Review Letter For Comments*



**4 TYPICAL GENERATOR SETUP**  
Scale: Not To Scale



**1 SITE PLAN**  
Scale: Not To Scale

**GENERAL NOTES:**

1. CONTRACTOR SHALL PROVIDE THREE (3) 120/208V 3 Ø NATURAL GAS GENERATORS AND ANCILLARY EQUIPMENT, TO SUPPLY THE ELECTRICAL DEMANDS OF THE EXISTING 3 STORY OFFICE BUILDING. ONE GENERATOR, ONE TRANSFER SWITCH AND ONE DISCONNECT WILL BE INSTALLED FOR EACH FLOOR OF THE BUILDING.
2. CONTRACTOR IS TO CONSTRUCT A STRUCTURAL SYSTEM TO DISPLACE THE WEIGHT OF THE GENERATORS TO THE EXTERIOR PARAPETS/WALLS OF THE BUILDING AS SHOWN ON THE DRAWINGS.
3. CONTRACTOR SHALL SECURELY ATTACH THE GENERATORS TO STRUCTURAL SYSTEM AS PER THE STRUCTURAL PLAN. ALL STRUCTURAL AND CLADDING MATERIALS ARE TO BE SECURELY ATTACHED TO WITHSTAND 130 MPH WINDS.
4. EXISTING GAS LINE TO 1st FLOOR IS TO BE REMOVED. PATCH/REPAIR EXISTING PENETRATION TO MATCH EXISTING CONDITIONS.
5. CONTRACTOR TO VERIFY ALL SITE CONDITIONS AND ELEVATIONS PRIOR TO CONSTRUCTION.
6. MATERIALS SHALL BE NEW AND U.L. LISTED.
7. NO WORK SHALL BE CONCEALED UNTIL APPROVED BY LOCAL INSPECTORS.
8. CONSTRUCTION SHALL COMPLY WITH ALL CITY, STATE AND LOCAL CODES.
9. CONTRACTOR TO GUARANTEE WORK FOR ONE YEAR.
10. CONTRACTOR IS TO PROTECT ALL EXPOSED EXTERIOR STRUCTURAL STEEL WITH A HIGH PERFORMANCE EPOXY SYSTEM EQUAL TO SHERWIN WILLIAMS

REVIEWED FOR STATE FIRE MARSHAL AS PER REVIEW LETTER BY: PATRICK A. FLORY, ARCHITECT  
*Patrick A. Flory*

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