



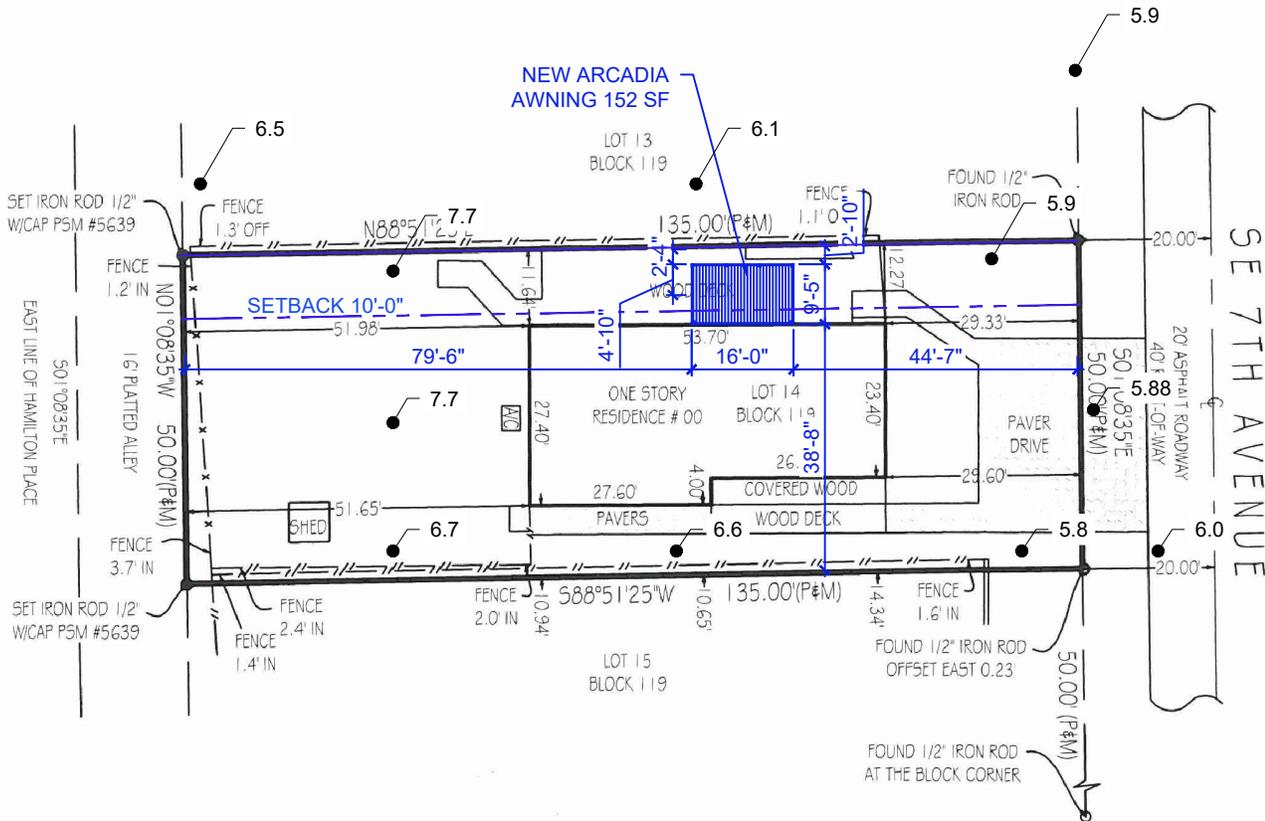
SCALE: 1"=30'

BEARING REFERENCE:

EAST LINE OF HAMILTON PLACE PLAT AS S. 01°08'35" E.
ALL BEARINGS SHOWN HEREON REFERENCED THERETO.



AERIAL PHOTOGRAPH
(MAY NOT SHOW LATEST IMPROVEMENTS)
(NOT-TO-SCALE)



Platted Easements, Notable or Adverse Conditions (unplatted easements also listed if provided by client): IF APPLICABLE, RECIPIENTS OF THIS SURVEY SHOULD REVIEW THE POSITION OF ANY FENCE LINES SHOWN HEREON AND THEIR RELATIONSHIP TO THE BOUNDARY LINE
- None found.

This survey has been issued by the following Landtec Surveying office:
600 Fairway Drive - Ste. 101
Deerfield Beach, FL. 33441
Office: (561) 367-3587 Fax: (561) 465-3145
www.LandtecSurvey.com

PLEASE NOTE: SUBJECT PROPERTY IS SERVICED BY PUBLIC UTILITIES. APPROVED FOR CONSTRUCTION BY LANDTEC SURVEYING, INC.	
Job Number : 93033-SE	Rev.:
Drawn By : J. Santmyer	Rev.:
Date of Field Work : 10/25/2018	Rev.:

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LICENSED BUSINESS # 8007

GENERAL NOTES:

DESIGN CRITERIA

THE STRUCTURAL SYSTEM FOR BUILDING DEPICTED HERE ON HAS BEEN DESIGNED ACCORDING TO THE 2017 6TH EDITION OF THE FLORIDA BUILDING CODE, ASCE 7-16, AND THE 2015 ALUMINUM DESIGN MANUAL.

THE STRUCTURE HAS BEEN DESIGNED TO RESIST THE FOLLOWING SUPERIMPOSED LOADS.

ROOF DEAD: 2 PSF + SELF-WEIGHT

WIND LOADS ON THE STRUCTURE HAVE BEEN CALCULATED IN ACCORDANCE WITH ASCE 7-16 FOR THE FOLLOWING: BASIC WIND SPEED: 170 MPH (3 SECOND GUST), RISK CATEGORY: II, EXPOSURE CATEGORY: D, PARTIALLY OPEN 30 PERCENT SOLID. ENCLOSURE CLASSIFICATION PER ASCE 7-16, TABLE 26.13-1 (FOR 4-SIDED RECTANGULAR LOUVERED AWNINGS).

LOAD COMBINATIONS:

D+0.6W 0.6D+0.6W

THERE IS NO LIVE LOAD ON THIS STRUCTURE AS IT IS NOT DESIGNED TO SUPPORT THE LOAD OF A PERSON ON THE LOUVERED SECTIONS NOR ARE THE LOUVER DESIGNED TO SUPPORT WATER LOADING.

DESIGN OF LOUVERED RIGID CANOPY IS PER SECTION 3105.5.1 OF THE FBC, RIGID AWNINGS AND CANOPY SHUTTERS. LOUVERED BLADES SHALL BE REPOSITIONED TO THE VERTICAL OPEN POSITION DURING PERIODS OF HIGH WIND VELOCITY. UNIT IS EQUIPPED WITH A WIND SENSOR WHICH WILL OPEN LOUVERS AT 45MPH.

PER FBC SECTION 3105.5.3, CONTRACTOR SHALL POST WITH A LEGIBLE AND READILY VISIBLE DECAL OR PRINTED INSTRUCTIONS TO THE OWNER OR TENANT TO REMOVE OR REPOSITION THE STRUCTURE OR PART THEREOF DURING SUCH PERIODS OF TIME AS DESIGNATED BY THE US WEATHER BUREAU AS BEING A HURRICANE WARNING OR ALERT. THE WARNING LABEL SHOULD READ AS FOLLOWS:

"THIS RIGID AWNING MUST HAVE LOUVERED BLADES REPOSITIONED TO THE VERTICAL POSITION DURING A HURRICANE WARNING OR ALERT AS DESIGNATED BY THE U.S. WEATHER BUREAU (FBC SECTION 3105.5.3)."

A CONTINUOUS LOAD PATH BETWEEN FOUNDATIONS, COLUMNS, AND BEAMS ARE INTENDED BY THESE DRAWINGS AND SHALL BE FIELD VERIFIED.

THE LOUVERED ROOFING SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH ARCADIA LOUVERED ROOFING SYSTEM.

THE CONTRACTOR IS RESPONSIBLE FOR WATERPROOFING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE SUITABLE SEQUENCING, MEANS AND METHODS OF CONSTRUCTION, INCLUDING, BUT NOT LIMITED TO THE ADDITION OF NECESSARY SHORING, TIE DOWNS, TEMPORARY BRACING, ETC.

THE INFORMATION USED AND CONTAINED HEREIN IS BASED ON CONTRACTOR SUPPLIED DATA AND MEASUREMENTS. DESTEFANO ENGINEERING GROUP, PL (DEG) HAS NOT VISITED THIS JOB SITE. DIMENSIONS AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED. DEG ASSUMES NO RESPONSIBILITY OR LIABILITY IN ANY WAY FOR ERRONEOUS OR INACCURATE DATA OR MEASUREMENTS. DEG SHALL BE NOTIFIED AND GIVEN AN OPPORTUNITY TO RE-EVALUATE OUR WORK UPON DISCOVERY OF ANY INACCURATE INFORMATION PRIOR TO MODIFICATION OF EXISTING FIELD CONDITIONS, FABRICATION, AND/OR INSTALLATION OF MATERIALS.

MATERIAL SPECIFICATIONS

ALUMINUM:

ALUMINUM SHALL BE A MINIMUM OF 6063-T6 UNLESS NOTED OTHERWISE

FINISH COLOR TO BE SELECTED BY OWNER FROM MANUFACTURES STANDARD COLORS FOR STANDARD EXTRUSIONS.

CONCRETE FASTENERS TO BE 410 STAINLESS STEEL TITANS AS MANUFACTURED BY SIMPSON STRONG TIES OR APPROVED EQUAL.

ALL SMS SCREWS ARE 410 STAINLESS #12 x 1" SELF-TAPPING METAL SCREWS (SMS) TYPICAL UNLESS OTHERWISE NOTED.

EXTRUDED STRUCTURAL TUBE OR PIPE: ALLOY SHALL BE 6061-T6, 6005-T6, 6063-T6. OR AS NOTED ON DRAWINGS AND CONFORMING TO ASTM B429.

FOUNDATIONS

SEE STRUCTURAL DRAWINGS AND STRUCTURAL GENERAL NOTES FOR ADDITIONAL INFORMATION.

BY VISUAL OBSERVATION, SOIL AT THE SITE IS SAND (OR SAND AND ROCK) WITH AN ASSUMED SOIL BEARING CAPACITY OF 2000 PSF.

PERFORM ALL CONCRETE WORK IN ACCORDANCE WITH ACI 318, THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE AND ACI 301, SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.

CONCRETE SHALL BE AN APPROVED MIX PROPORTIONED TO ACHIEVE STRENGTH AT 28 DAYS AS LISTED BELOW WITH A PLASTIC AND WORKABLE MIX.4000 PSI FOR FOUNDATIONS

CONCRETE SHALL COMPLY WITH THE REQUIREMENTS OF ASTM C-94 FOR MEASURING, MIXING, TRANSPORTING, ETC. MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS.

REINFORCING STEEL:

REINFORCING STEEL: ASTM A615, GRADE 60 DEFORMED NEW BILLET STEEL CONFORMING TO ACI 301, 315, 318, AND CRSI MANUAL OF STANDARD PRACTICE. REINFORCING STEEL SHALL BE, FREE FROM OIL, SCALE AND RUST, AND PLACED IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS.

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3 IN

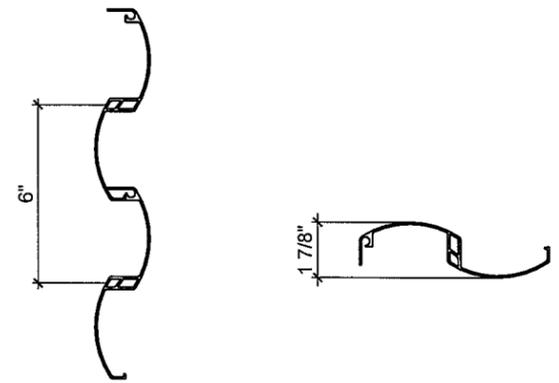
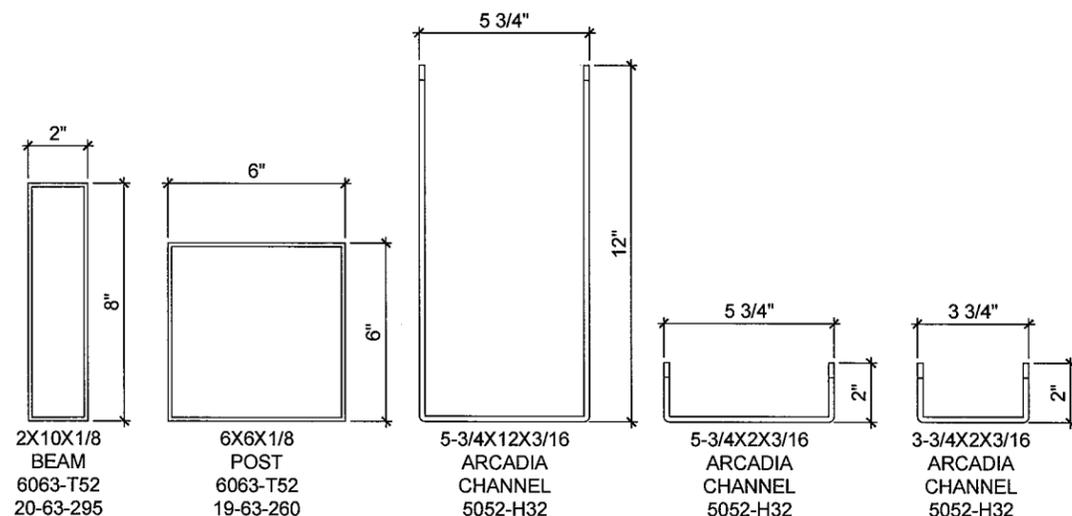
GENERAL CONDITIONS

IF THERE ARE ANY DISCREPANCIES HEREIN CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.

THIS DESIGN DOES NOT CONSTITUTE THE ENGINEERING OF ANY OTHER STRUCTURES THAT ARE NOT SPECIFICALLY MENTIONED HEREIN. IF THERE ARE ANY DISCREPANCIES THEREIN, CONTACT THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK.

ALL WORK PREPARED BY DE STEFANO ENGINEERING GROUP, PL (DEG), IS THE PROPERTY OF DEG AND MAY ONLY BE USED FOR ITS INTENDED USE. THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS, INCLUDING THOSE IN ELECTRONIC FORM, PREPARED BY DEG AND DEG'S CONSULTANTS ARE INSTRUMENTS OF SERVICE THROUGH WHICH THE WORK TO BE EXECUTED BY CONTRACTOR. AS DESCRIBED REMAIN THE PROPERTY OF DEG. SAID WORK MAY NOT BE USED AT ANY OTHER LOCATION OR FOR ANY OTHER USE WITHOUT PRIOR WRITTEN AUTHORIZATION.

DEG WILL HAVE NO RESPONSIBILITY FOR THE CONTRACTOR'S, CLIENT'S OR OTHER ENTITIES; MEANS, METHODS, TECHNIQUES, AND PROCEDURES USED IN CONSTRUCTION, AND WILL NOT BE HELD LIABLE FOR THE CONTRACTOR'S INADEQUATE OR UNSATISFACTORY PERFORMANCE OF THE WORK.



1 LOUVER
S1 SCALE: 2" = 1'-0"

3 STRUCTURAL COMPONENTS
S1 SCALE: 2" = 1'-0"



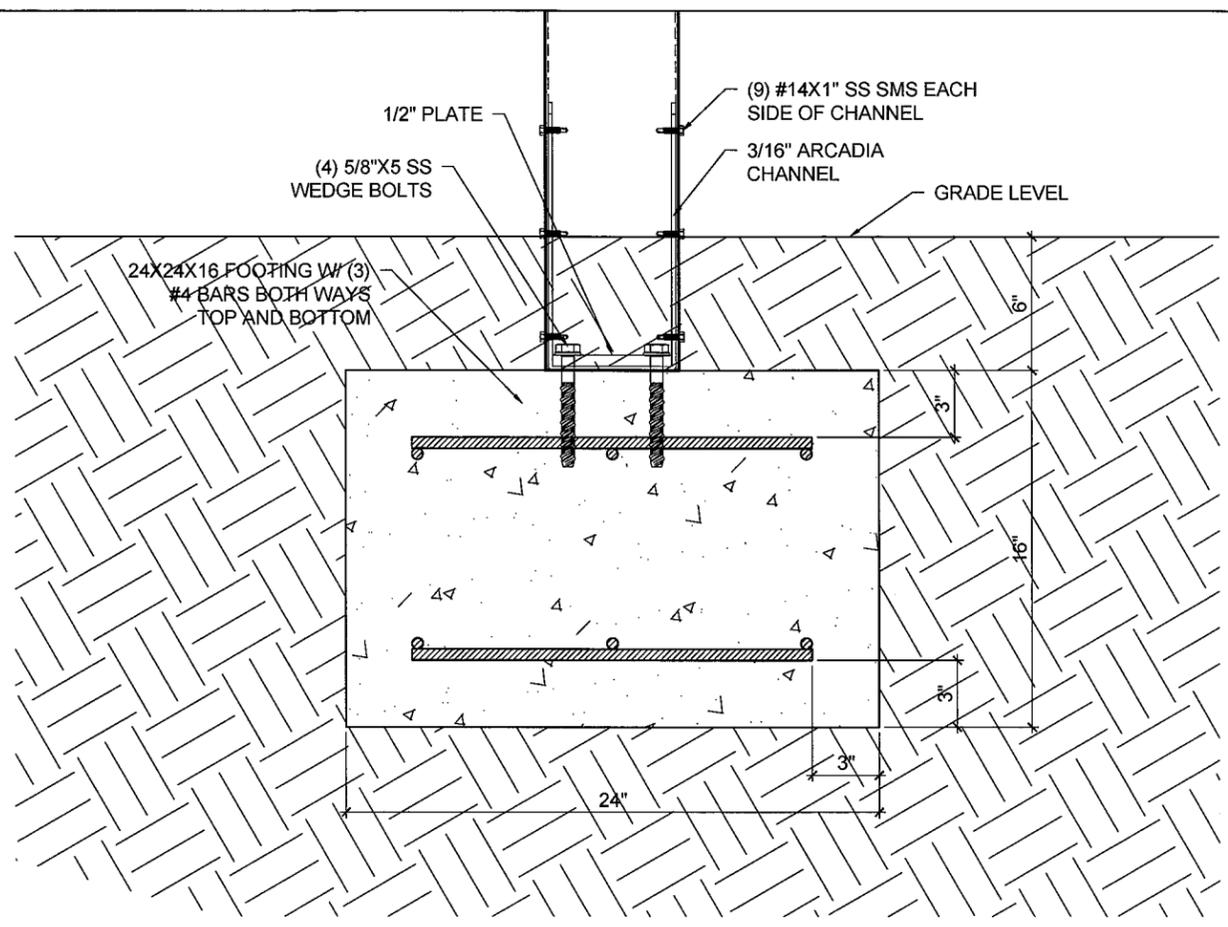
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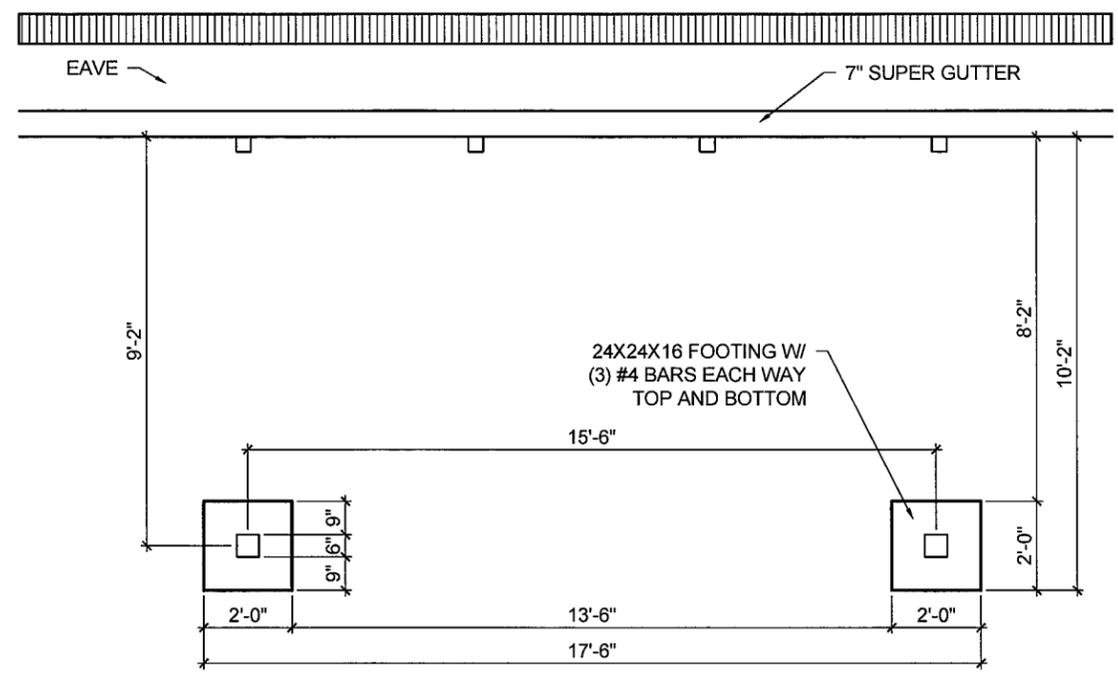
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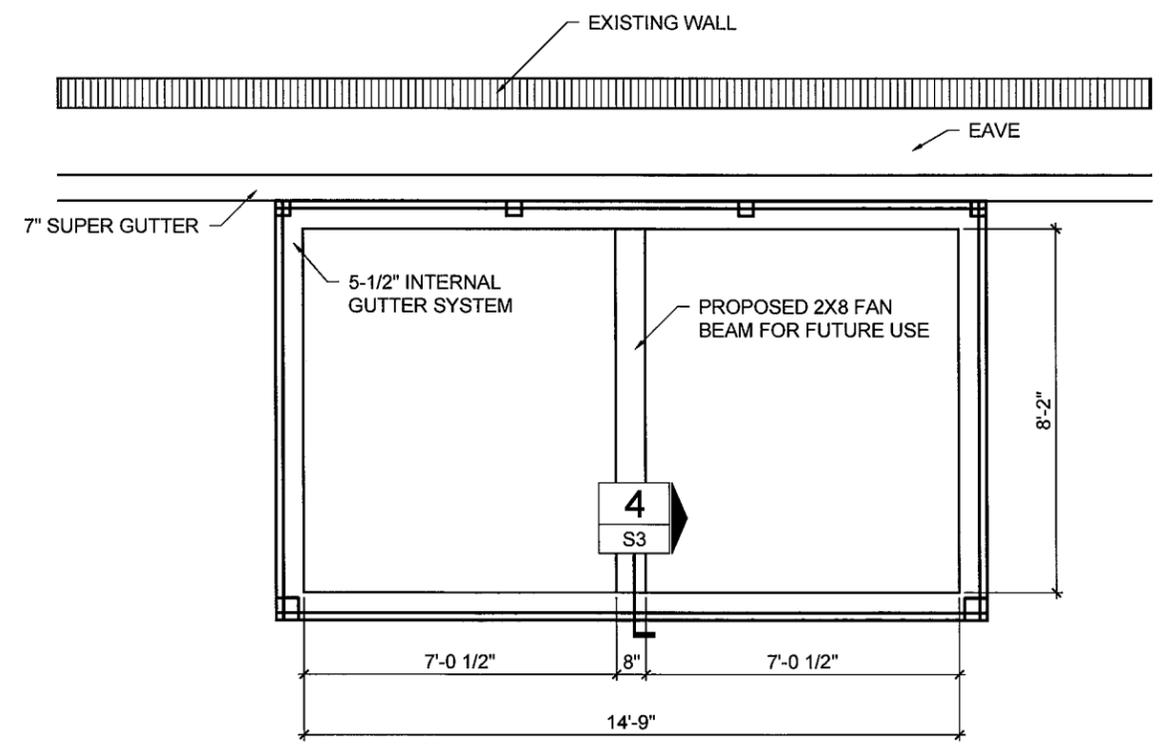
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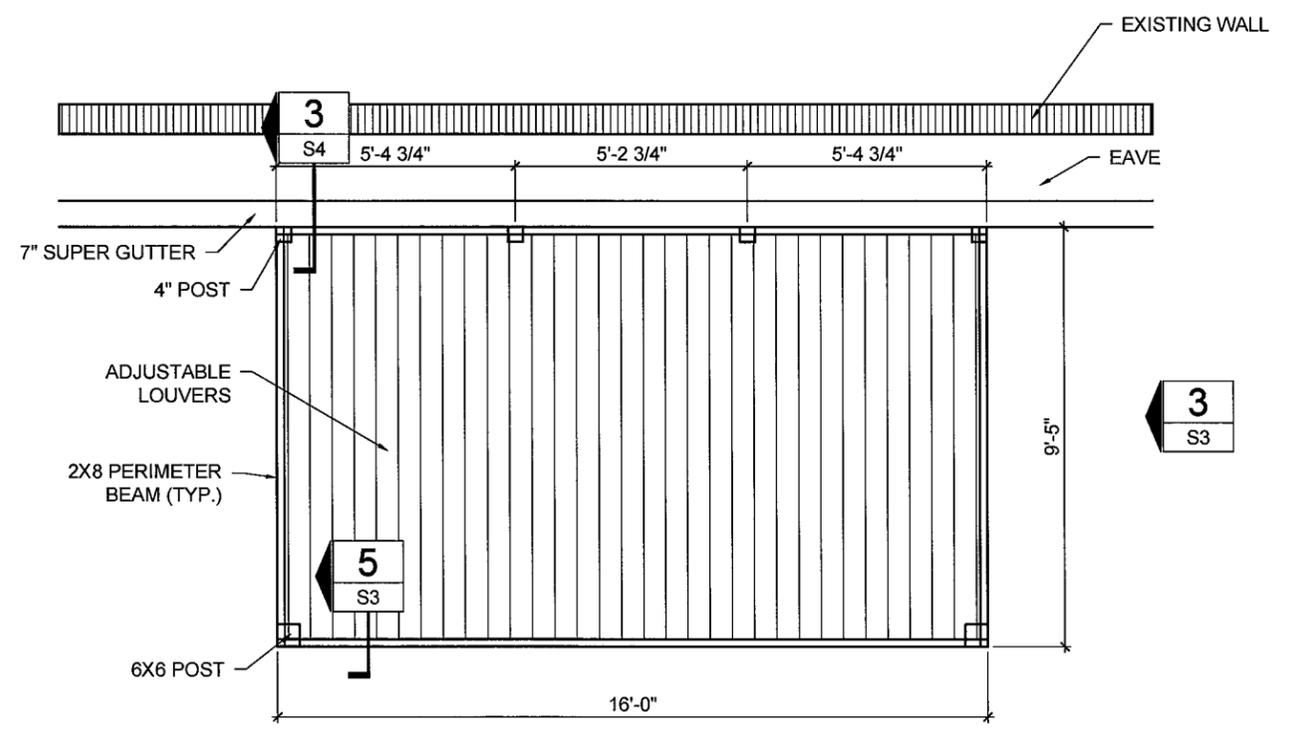
4 FOOTING DETAIL
S2 SCALE: 1-1/2" = 1'-0"



2 FOUNDATION PLAN
S2 SCALE: 1/4" = 1'-0"



3 REFLECTED CEILING PLAN
S2 SCALE: 1/4" = 1'-0"



1 PLAN VIEW
S2 SCALE: 1/4" = 1'-0"

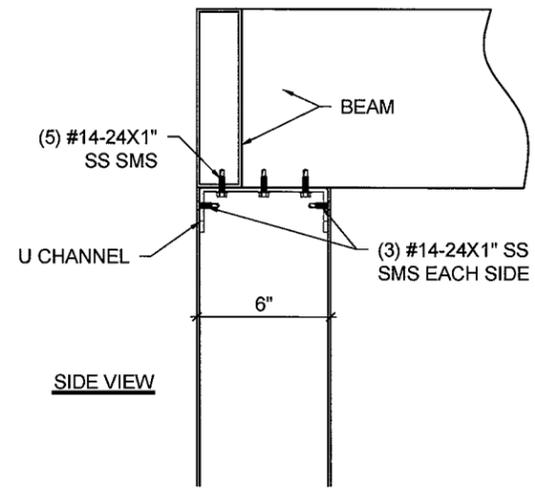
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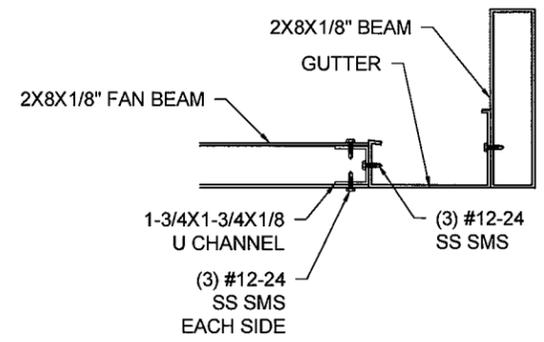
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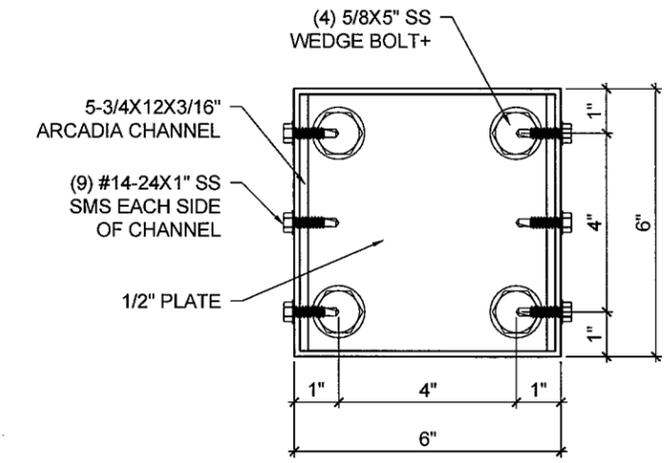
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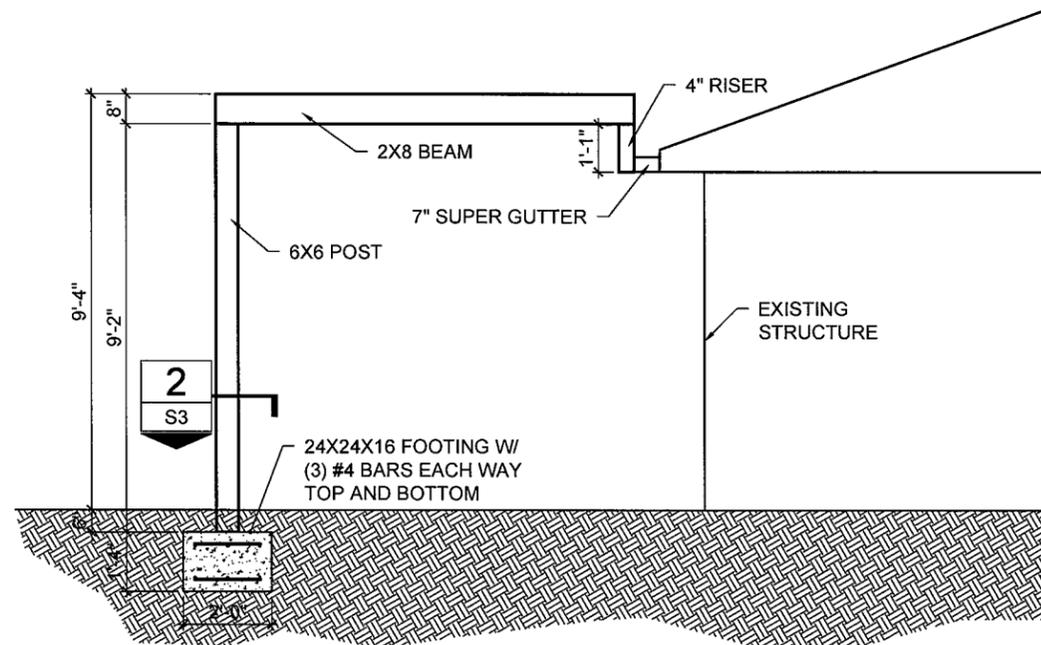
5 BEAM TO POST DETAIL
S3 SCALE: 1-1/2" = 1'-0"



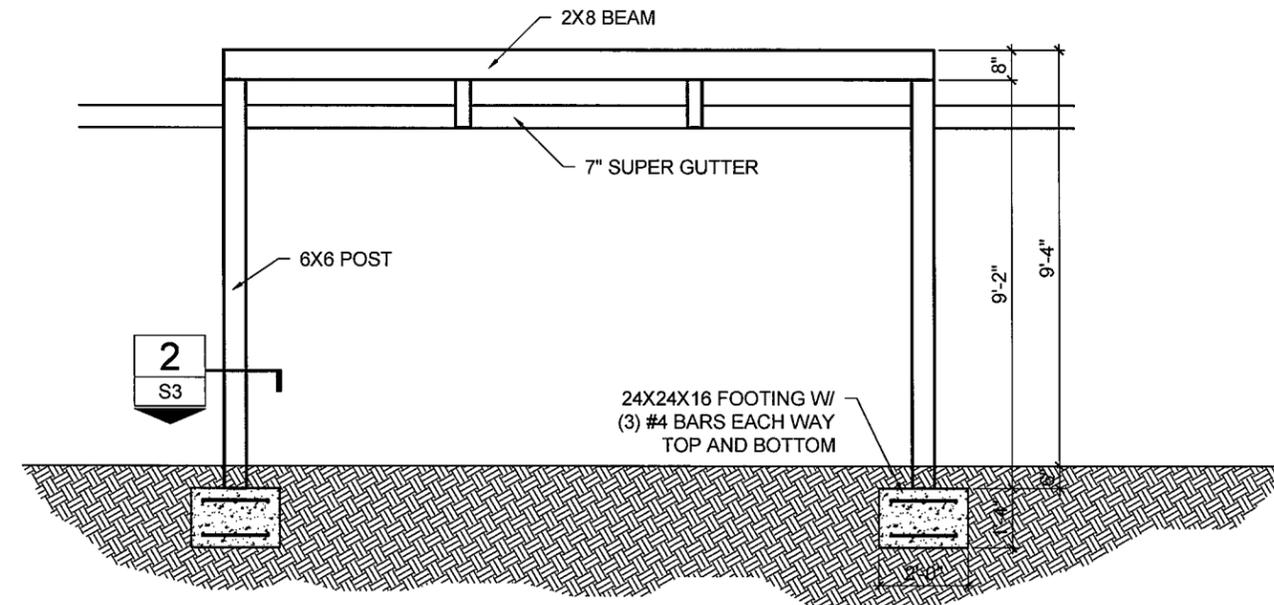
4 FAN BEAM DETAIL
S3 SCALE: 1-1/2" = 1'-0"



2 POST BASE DETAIL
S3 SCALE: 3" = 1'-0"



3 SIDE ELEVATION
S3 SCALE: 1/4" = 1'-0"



1 FRONT ELEVATION
S3 SCALE: 1/4" = 1'-0"

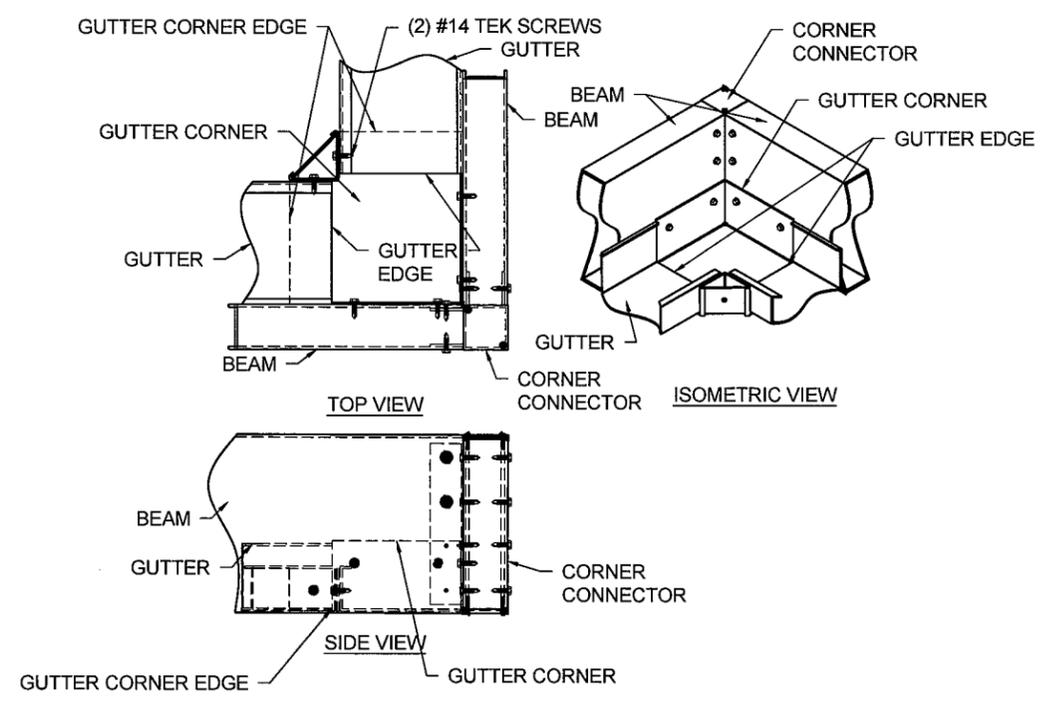
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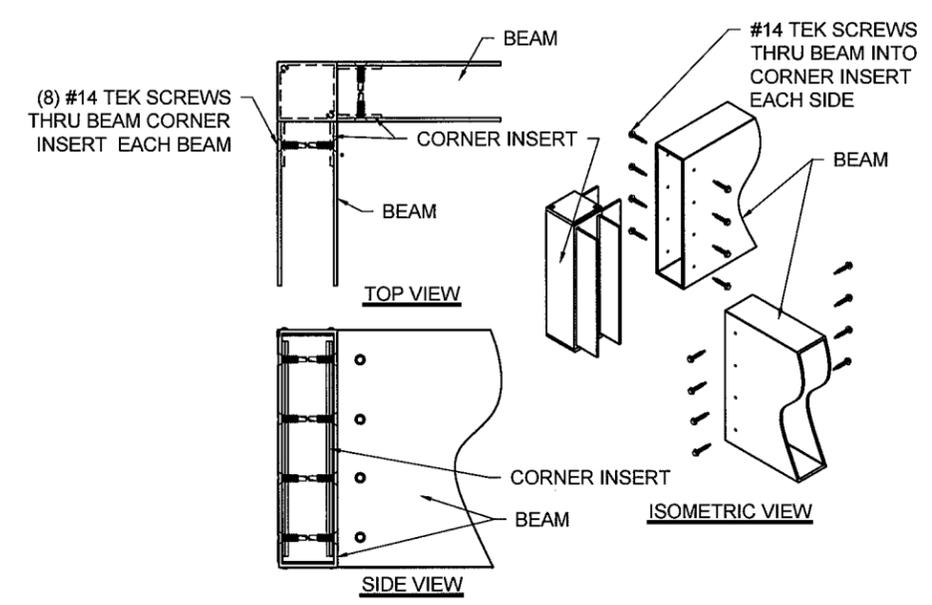
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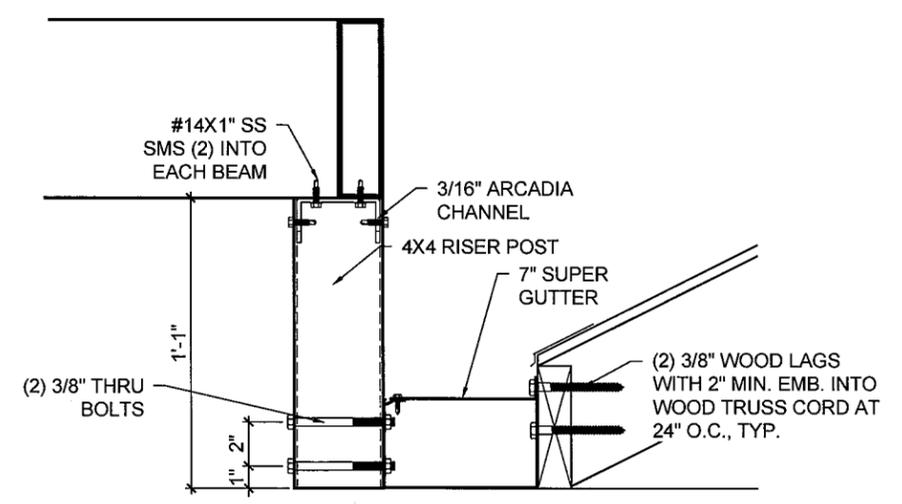
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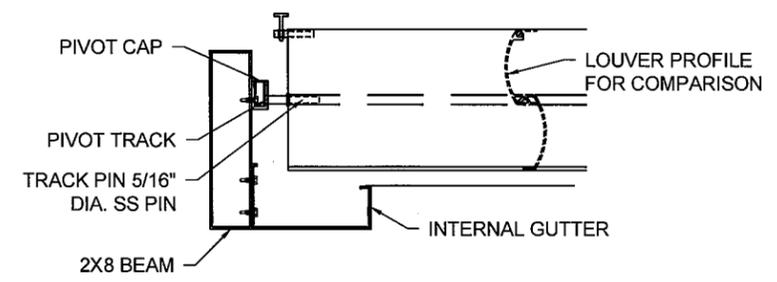
4 GUTTER CORNER ASSEMBLY
 S4 SCALE: 1-1/2" = 1'-0"



2 BEAM CORNER ASSEMBLY
 S4 SCALE: 2" = 1'-0"



3 BEAM TO GUTTER DETAIL
 S4 SCALE: 1-1/2" = 1'-0"



1 LOUVER CONNECTION
 S4 SCALE: 1-1/2" = 1'-0"

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