

STATE UNIVERSITY OF NEW YORK

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STRUCTURAL ENGINEER



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STAGE CONSULTANT

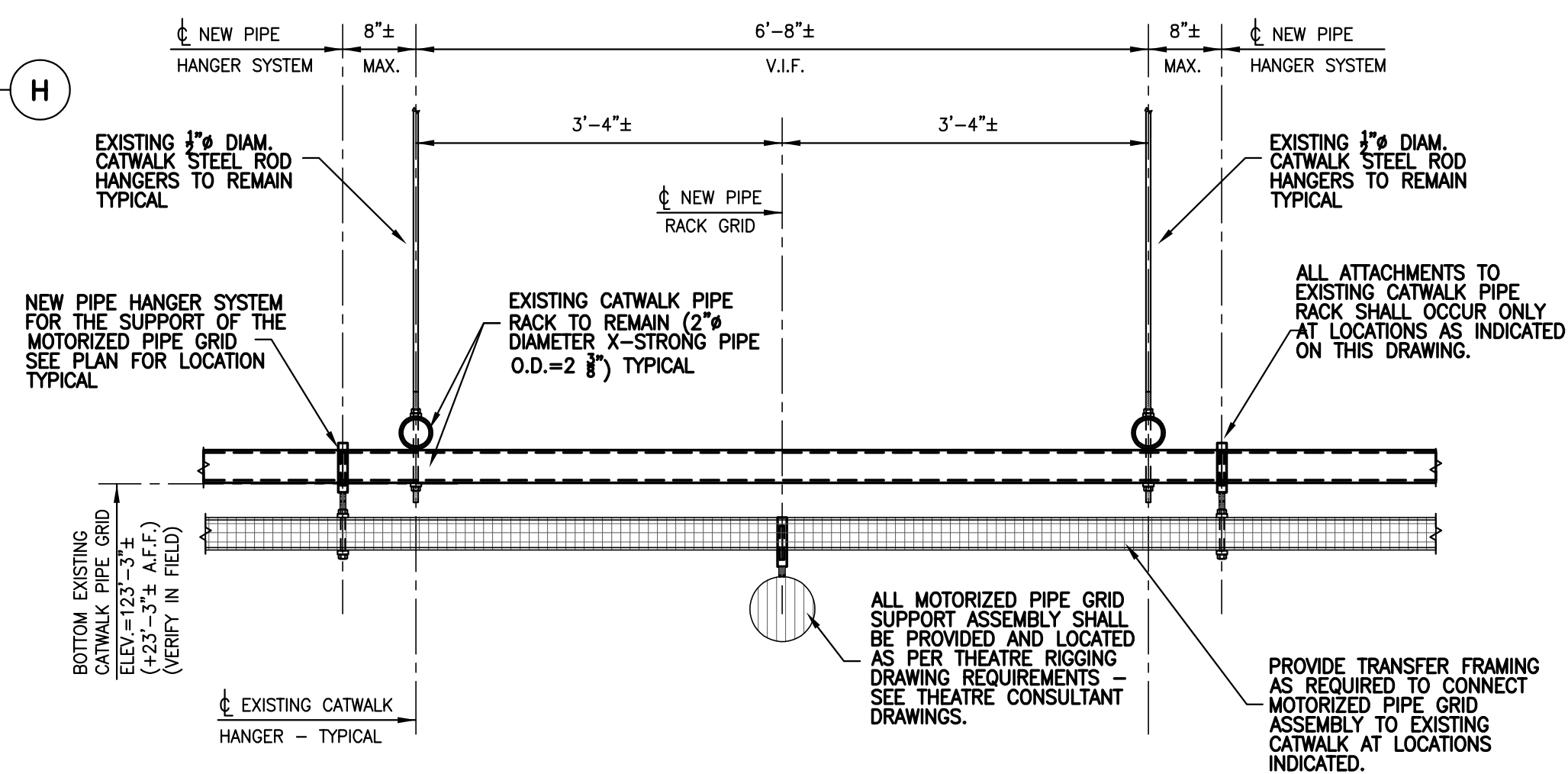


300 Raritan Ave, 2nd Flr 732.333.8003
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STAGE RIGGING PIPE RACK/DRAPERY TRACK FRAMING PLAN

SCALE: 1/4" = 1'-0"



TYPICAL SECTION AT MOTORIZED PIPE GRID SUPPORT

SECTION AT PIPE GRID SYSTEM

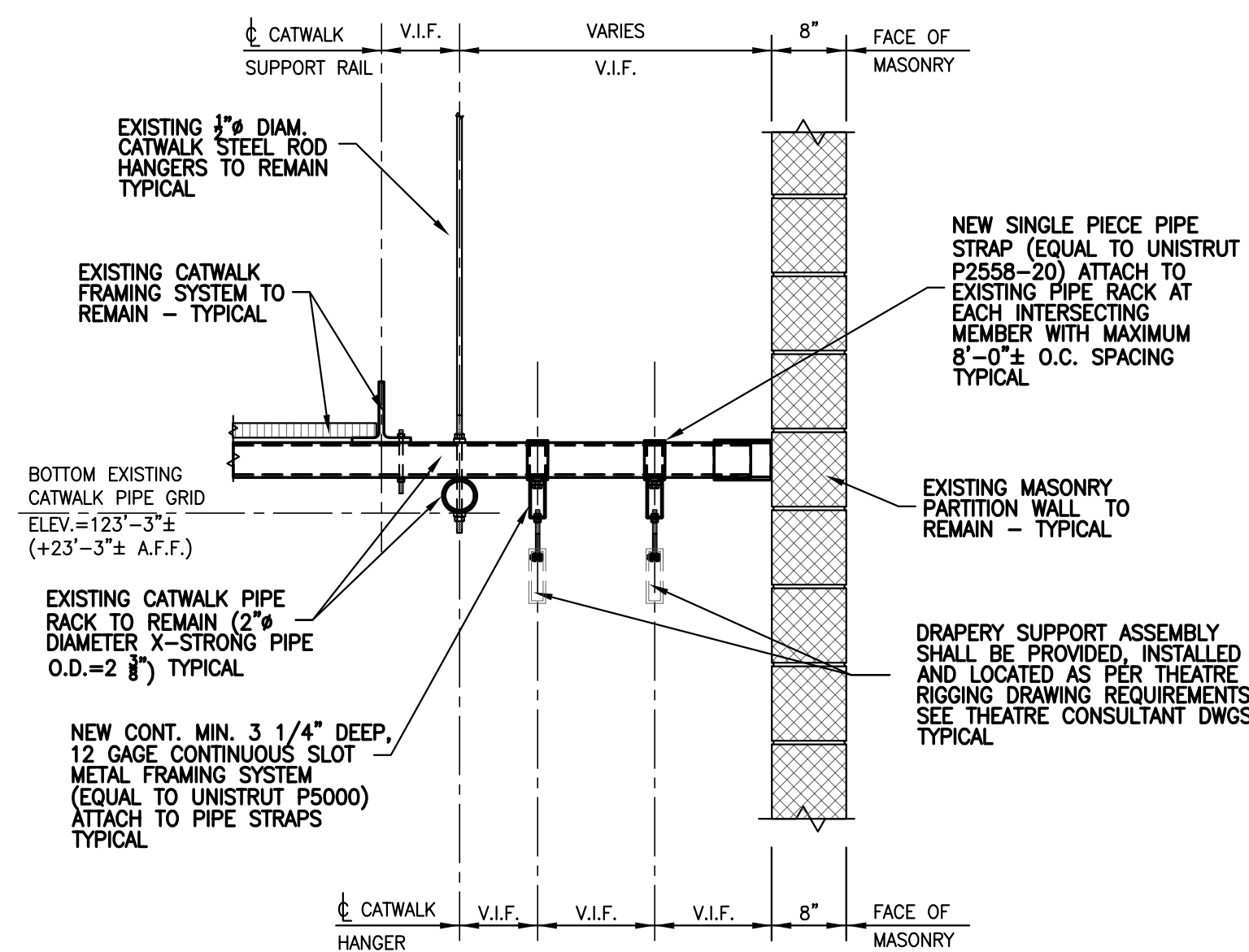
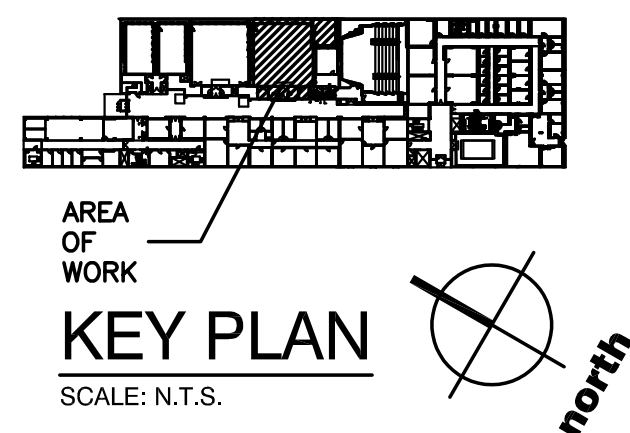
SCALE: 3/4" = 1'-0"

S1

S-102

FRAMING PLAN NOTES:

1. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. IN FIELD PRIOR TO PROCEEDING WITH NEW WORK. NOTIFY ENGINEER OF ANY DISCREPANCIES FOR ANY FURTHER INSTRUCTIONS IF REQUIRED.
2. THE BOTTOM OF EXISTING CATWALK PIPE RACK IS AT +23'-3" ABOVE MAIN BUILDING FINISHED FLOOR ELEVATION UNLESS OTHERWISE NOTED.
3. THE BOTTOM OF THE NEW PIPE RACK SYSTEM SHALL BE AT +21'-6" ABOVE MAIN BUILDING FINISHED FLOOR ELEVATION UNLESS OTHERWISE NOTED.
4. ALL NEW PIPE HANGERS, FOR THE SUPPORT OF THE MOTORIZED PIPE GRID SYSTEM SHALL BE LOCATED ADJACENT (WITHIN 8") TO THE EXISTING PIPE GRID HANGER LOCATIONS AND SHALL MATCH THE EXISTING 2" DIAMETER (O.D. 8") OF THE EXISTING PIPE RACK FRAMING SYSTEM. NEW HANGERS SHALL BE LOCATED ON THE EXISTING CATWALK PIPE GRID SYSTEM AT SPACING INDICATED. PROVIDE A MINIMUM OF 8 HANGERS PER GRID SECTION.
5. ALL MOTORIZED/STATIONARY PIPE GRID SUPPORT ASSEMBLIES SHALL BE PROVIDED AND LOCATED AS PER THEATRE RIGGING DRAWING REQUIREMENTS - SEE THEATRE CONSULTANT DRAWINGS. ALL ATTACHMENTS TO EXISTING CATWALK PIPE RACK SHALL OCCUR ONLY AT LOCATIONS AS INDICATED IN THIS DRAWING. PROVIDE TRANSFER FRAMING AS REQUIRED TO CONNECT MOTORIZED/STATIONARY PIPE GRID ASSEMBLIES TO EXISTING CATWALK AT LOCATIONS INDICATED.
6. THE NEW DRAPERY CURTAIN SUPPORT SYSTEM SHALL BE ATTACHED TO THE EXISTING CATWALK PIPE RACK SYSTEM AND CONSIST OF THE FOLLOWING AT EACH DRAPERY TRACK:
 - A. A SINGLE PIPE PIPE STRAP (EQUAL TO UNISTRUT P2558--20) CLAMPED TO EXISTING CATWALK PIPE RACK SYSTEM AT EACH INTERSECTED PIPE RACK MEMBER (AT 4'-0" O.C.) WITH A MAXIMUM SPACING OF 8'-0" O.C.
 - B. A CONTINUOUS 3 1/4" DEEP, 12 GAGE, CONTINUOUS SLOT, METAL FRAMING SYSTEM (EQUAL TO UNISTRUT P5006) CLAMPED TO EXISTING CATWALK PIPE RACK SYSTEM AT EACH INTERSECTED PIPE RACK MEMBER (AT 4'-0" O.C.) WITH A MAXIMUM SPACING OF 8'-0" O.C.
 - C. NEW DRAPERY CURTAIN SUPPORT SYSTEM SHALL BE PROVIDED, LOCATED AND CALLED AS PER THEATRE RIGGING DRAWING REQUIREMENTS - SEE THEATRE CONSULTANT DRAWINGS.



TYPICAL SECTION AT DRAPERY CURTAIN SUPPORT

SECTION AT PIPE GRID SYSTEM

SCALE: 3/4" = 1'-0"

S2

S-102

3.		
2.		
1.	ISSUE FOR BID	06/18/2018
NO.	REVISION/ISSUE	DATE

SEAN

PROJECT

**INTERIOR
RENOVATION
MUSIC SOUND STAGE
RIGGING**

DATE:	06/18/2018
PROJECT NO:	SU 062018
DRAWN BY:	RMS
CHECKED BY:	SG
SCALE:	AS NOTED

DRAWING TITLE

**STAGE RIGGING
PIPE RACK
DRAPERY TRACK
FRAMING PLAN**

SHEET NO.

S-102

3.		
2.		
1.	ISSUE FOR BID	06/18/2018
NO.	REVISION/ISSUE	DATE

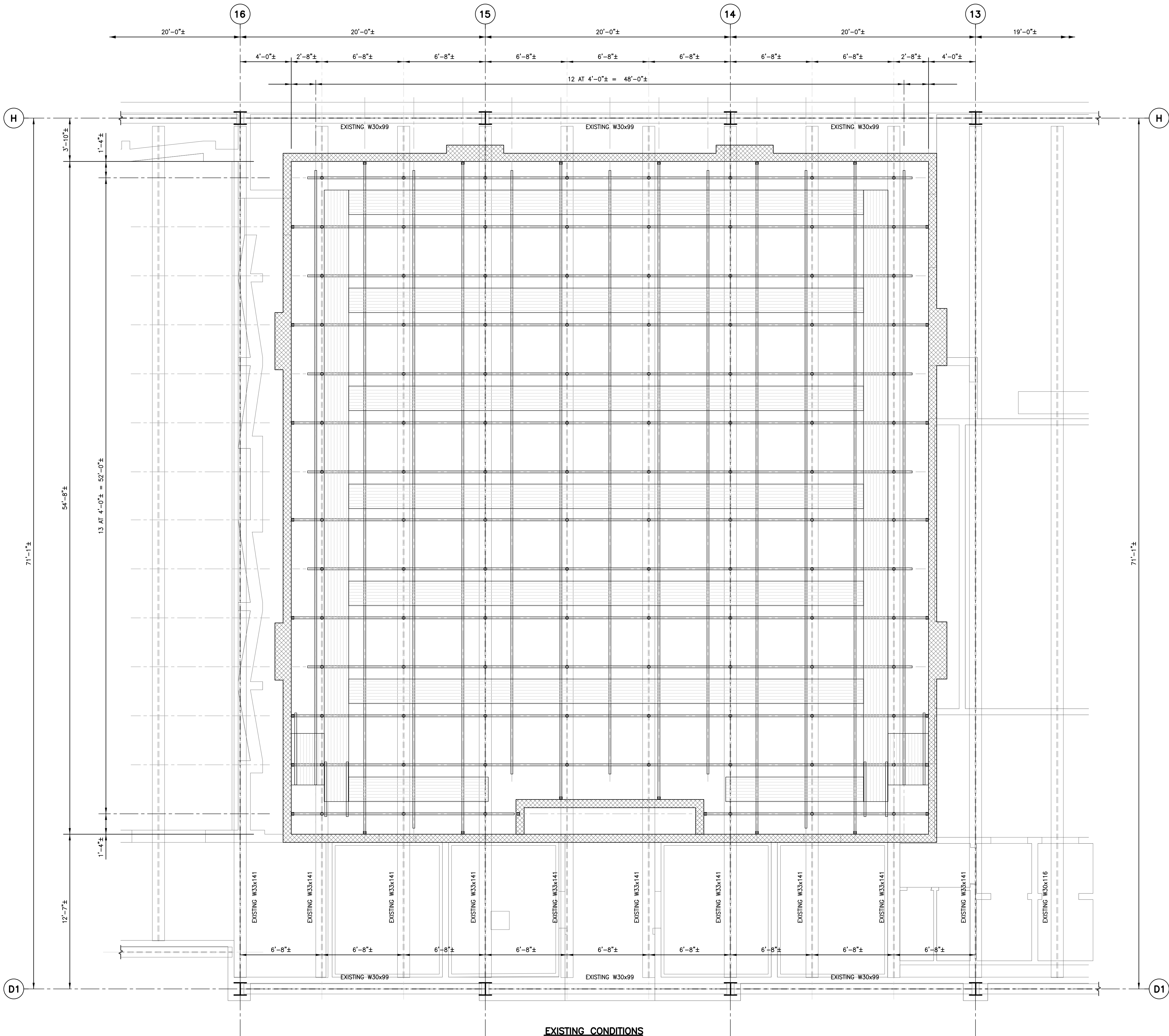
SEAL

PROJECT
**INTERIOR RENOVATION
MUSIC SOUND STAGE
RIGGING**

DATE:	06/18/2018
PROJECT NO:	SU 062018
DRAWN BY:	RMS
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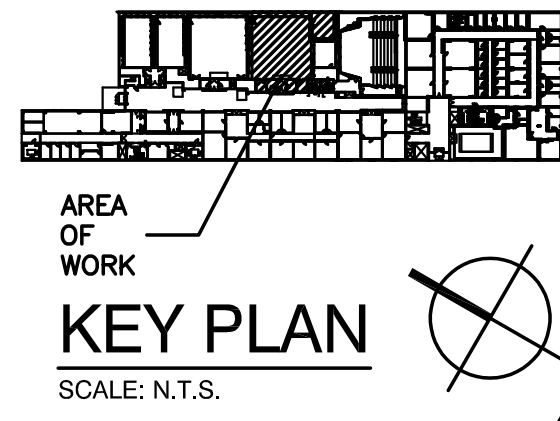
DRAWING TITLE
**CATWALK
PIPE RACK
ASSEMBLY
FRAMING PLAN**

SHEET NO.
S-103



FRAMING PLAN NOTES:

- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. IN FIELD PRIOR TO PROCEEDING WITH NEW WORK. NOTIFY ENGINEER OF ANY DISCREPANCIES FOR ANY FURTHER INSTRUCTIONS IF REQUIRED.
- THE TOP OF THE EXISTING CATWALK FLOOR SHEATHING IS AT +23'-9"± ABOVE MAIN BUILDING FINISHED FLOOR ELEVATION UNLESS OTHERWISE NOTED.
- THE BOTTOM OF EXISTING CATWALK PIPE RACK IS AT +23'-3"± ABOVE MAIN BUILDING FINISHED FLOOR ELEVATION UNLESS OTHERWISE NOTED.
- EXISTING PIPE RACK SYSTEM CONSISTS OF 2" NOMINAL DIAMETER EXTRA-STRONG PIPE (O.D.=2.375") SPACED AT 4'-0"± O.C. AND THRU BOLTED WITH 1/2" DIAMETER BOLTS AT ALL PIPE INTERSECTION LOCATIONS.
- EXISTING PIPE RACK HANGERS SYSTEM CONSIST OF 1/2" DIAMETER HANGER RODS (WITH INTERMEDIATE TURN BUCKLE) HUNG FROM STEEL ROOF BEAM FRAMING SYSTEM AT 6'-8"± O.C. AND AT 4'-0"± O.C. ALONG THE AXIS OF THE PIPE RACK GRID.



CATWALK/PIPE RACK ASSEMBLY FRAMING PLAN

SCALE: 1/4" = 1'-0"

