

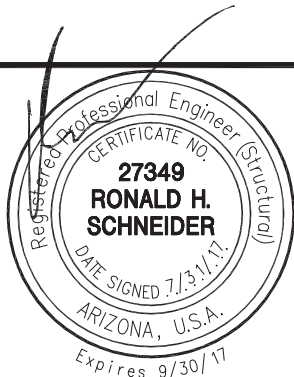
GENERAL STRUCTURAL NOTES

(APPLY UNLESS NOTED OTHERWISE)

1. ALL WORK SHALL CONFORM TO THE 2012 INTERNATIONAL BUILDING CODE.
2. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO SPECIFIC DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT.
3. VERIFY ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS PRIOR TO START OF CONSTRUCTION – RESOLVE ANY DISCREPANCY WITH ARCHITECT. DO NOT SCALE DRAWINGS.
4. CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED FLOORS OR ROOF. LOAD SHALL NOT EXCEED THE DESIGN LIVE LOAD PER SQUARE FOOT.
5. THE CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, BRACING, SHORING, ETC. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND IMPLEMENTATION OF ALL SCAFFOLDING, BRACING, AND SHORING. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS. THE STRUCTURAL ENGINEER WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION. NOR WILL THE STRUCTURAL ENGINEER BE RESPONSIBLE FOR CONSTRUCTION SITE SAFETY, OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO.
6. THE CONTRACT STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION.
7. DESIGN LOADS:
CRANE LOAD = 1 TON PER CRANE (2 CRANES MAX)
8. MATERIALS OF CONSTRUCTION:

STRUCTURAL STEEL – ASTM A992 ($F_y = 50$ KSI) FOR W-SHAPE
 ASTM A500, GRADE B ($F_y = 46$ KSI) FOR RECTANGULAR HSS
 ASTM A500, GRADE B ($F_y = 42$ KSI) FOR ROUND HSS
 ASTM A36 ($F_y = 36$ KSI) FOR ALL OTHER SHAPES AND PLATES

BOLTS – ASTM A307



THIS ELECTRONIC SIGNATURE HAS BEEN AUTHORIZED BY ME THIS 31st DAY OF JULY 2017

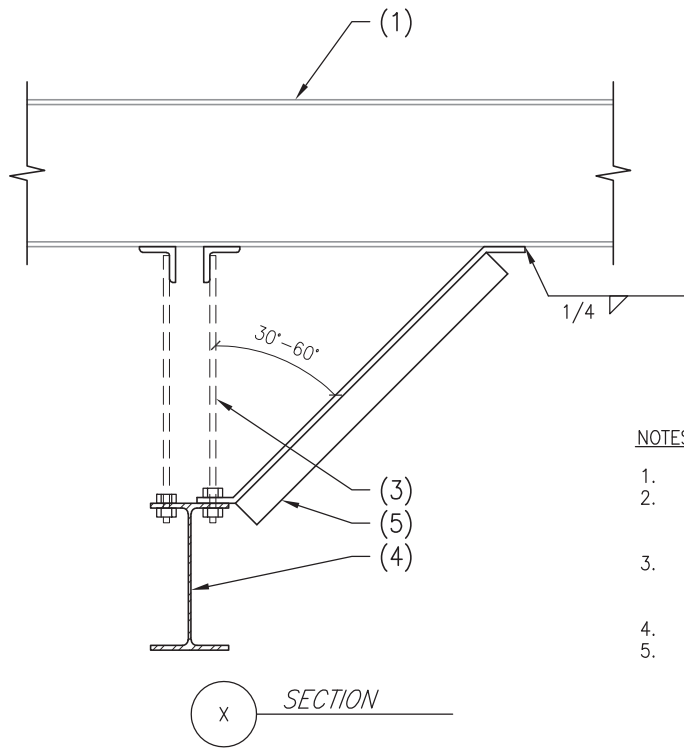


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revisions		
#	date	comment

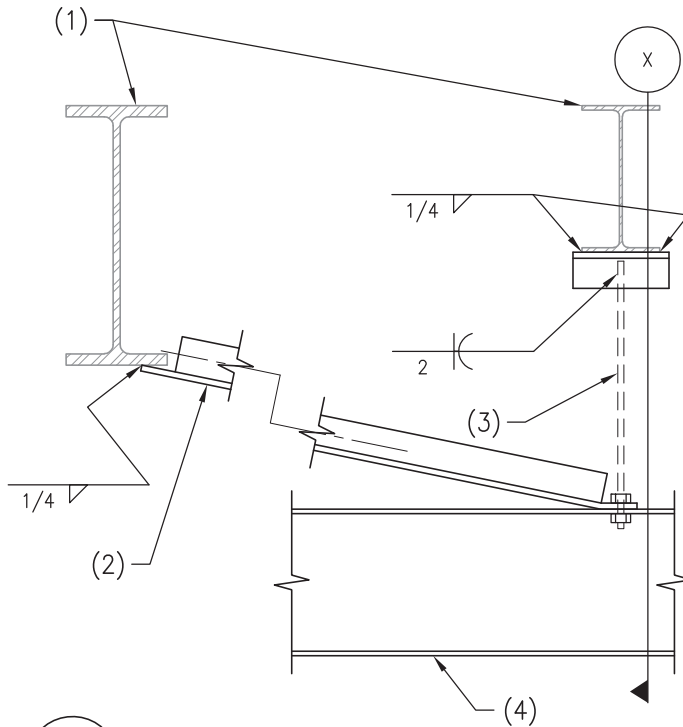
WIYN Telescope
Crane Rail
Kit Peak, AZ

project	project number	SK1	
engineer	RHS		
drafter	SL		sheet
date	7/31/17		reference -



NOTES:

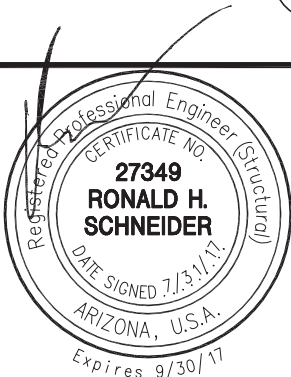
1. EXISTING STEEL BEAM.
2. ONE L3x3x1/4 BRACE PARALLEL CRANE BEAM WHERE WILL BEST FIT.
3. 1/2" DIA. THREADED ROD (2) ON BEAM GAGE AT EACH EXISTING BEAM.
4. W6x12 STEEL CRANE RAIL.
5. L3x3x1/4 BRACE AT EACH EXISTING BEAM.



NOTE:
MAXIMUM POINT LOAD ON
RAIL/BEAM IS 5,000 LBS

1 CRANE HANGER SUPPORT DETAIL
SCALE: NOT TO SCALE

117214-DETAIL 1-1



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revisions

#	date	comment

WIYN Telescope
Crane Rail
Kit Peak, AZ

project	117214
engineer	RHS
drafter	SL
date	7/31/17

SK2	sheet
	reference -