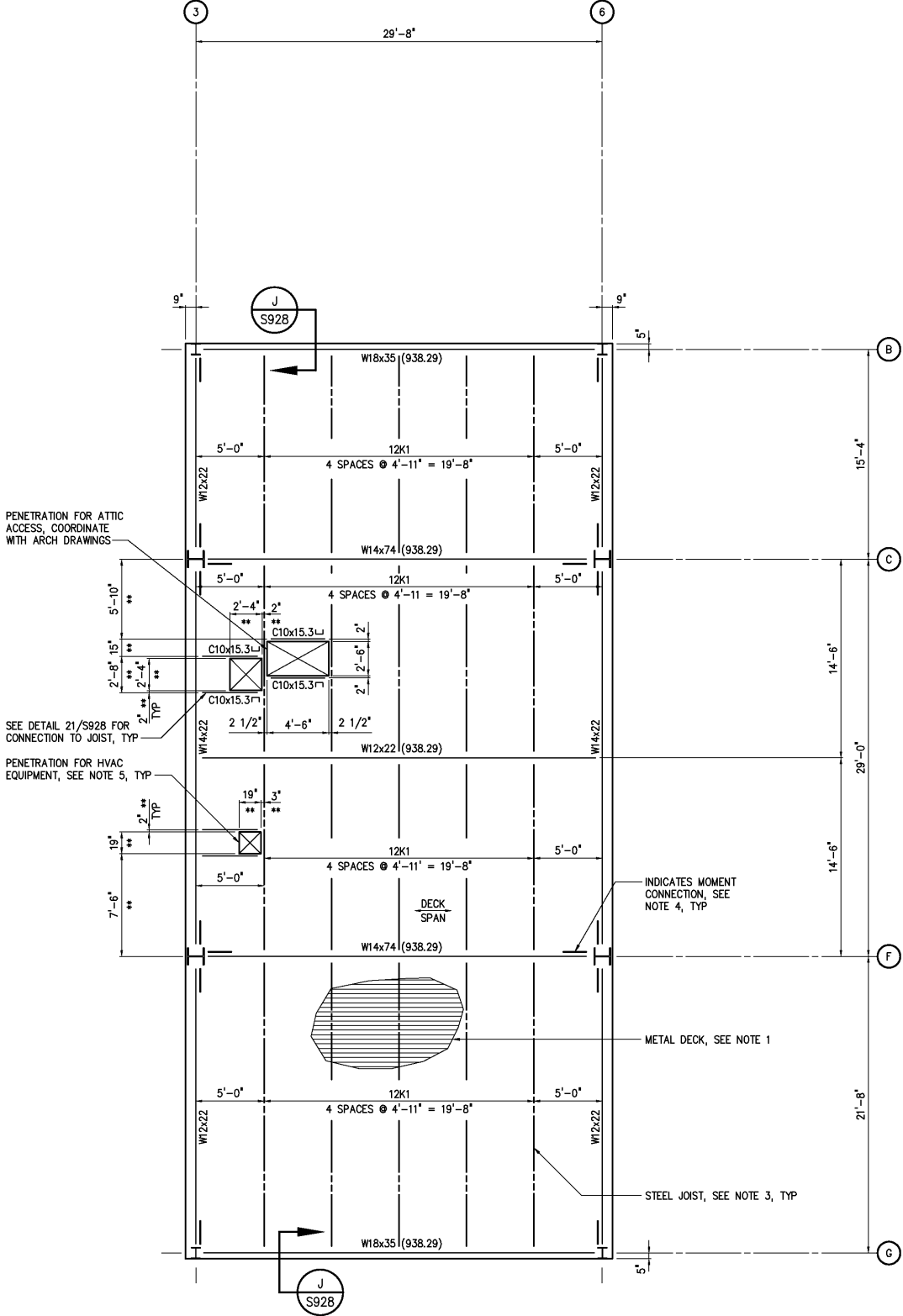


- NOTES:
- METAL DECKING AT ELEVATION 938.50 SHALL BE 1 1/2" DEEP, TYPE B, 20 GAGE. WELD PATTERN SHALL BE 36/5 WITH 7 SIDELAP CONNECTIONS PER SPAN.
 - SEE DRAWING S928 FOR COLUMN SCHEDULE.
 - STEEL JOISTS SHALL BE FABRICATED IN ACCORDANCE WITH SPECIFICATION SECTION 05210. SEE DETAIL 11/S928 FOR JOIST CONNECTION TO STEEL BEAM. SEE JOIST LOADING SCHEDULE ON DRAWING S923 FOR JOIST DESIGN LOADS.
 - INDICATES MOMENT CONNECTION PER DETAIL 6/S928 OR 7/S928. ALL OTHER BEAM CONNECTIONS SHALL BE SIMPLE CONNECTIONS PER DETAIL 8/S928 UNLESS NOTED OTHERWISE.
 - ** INDICATES CONTRACTOR TO COORDINATE DIMENSION WITH HVAC EQUIPMENT MANUFACTURER.



JOIST LOADING SCHEDULE		
JOIST	LOAD (PLF)	UPLIFT (PLF) *
8K1	520	30
10K1	110	65
12K1	100	60
12K5	495	30
16K5	495	30
16K6	495	30
18K10	475	30

* MAXIMUM WIND UPLIFT LOAD DURING CONSTRUCTION

ROOF PLAN

3/16"=1'-0"
TOS EL. 938.50 (UNO)

				DESIGNED	BGS
				DRAWN	SMH
				CHECKED	
3	RECORD DRAWING	JAN 2006	RLT	PROJ. ENGR.	DAN
2	CONSTRUCTION	JAN 2004	RLT		
1	REGULATORY APPROVAL	NOV 2003	RLT		
NO.	ISSUED FOR	DATE	BY	APPROVED	

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CITY OF ROANOKE VIRGINIA	
REGIONAL WATER POLLUTION CONTROL PLANT PROCESS TRAIN IMPROVEMENTS	

ADMINISTRATION BUILDING	
STRUCTURAL	
ROOF PLAN	

THE SCALE BAR SHOWN BELOW MEASURES ONE INCH LONG ON THE ORIGINAL DRAWING.	DATE JANUARY 2004	
	H & S JOB NUMBER	30788C
	CONTRACT NUMBER	C
		DRAWING NUMBER
		S923