

Architect's Supplemental Instructions

Architect's Project No:
04561.01

Architect's ASI No: 007

Project:
Webster University
Interdisciplinary Science
Building

Date Issued: 08/17/2016

Contract Date:

Reason Code: 05 A/E Scope

Discipline Code: 07 7 General Construction
(Architectural)

St. Louis
Baltimore
Boston
Buffalo
Calgary
Chicago
Houston
Los Angeles
Mumbai
New York
Phoenix
San Francisco
Shanghai
Toronto
Vancouver
Victoria
Washington DC

Owner:
Webster University

Architect:
Cannon Design
1100 Clark Avenue
St. Louis, MO 63102

Contractor:
Paric Construction

Contract For: General construction

The Work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect within fourteen (14) business days of the date of issuance of these instructions. If you feel a change in Contract Sum or Contract Time is warranted, please submit an itemized quotation for the changes for approval within fourteen (14) business days of the date of issuance of these instructions prior to proceeding on the Work. Proceeding with the Work in accordance with these instructions indicates your acknowledgement that there will be no change.

Attachments:

Drawings: S0003 and S0004

1100 Clark Avenue
St. Louis, Missouri
63102
T: 314.241.6250
F: 314.241.2570
www.cannondesign.com

Reason Codes:
#1. Jurisdictional Agency
#2. Constructor Driven
#3. Document Inconsistency
#4. Fast Track Driven
#5. A/E Scope
#6. Owners Scope
#7. Unforeseeable Conditions
#8. Other

Discipline Codes
#1. Demo-demolition
#2. Div1-Division 1 items on the spec book
(this item is not used)
#3. Electrical
#4. Elevator
#5. Equipment (Changes in equipment,
Owner Purchased)
#6. Fire Protection

Discipline Codes
#7. General Construction (Architectural)
#8. General Conditions (Div. 1)
#9. HVAC
#10. Other
#11. Plumbing
#12. Site Work/Landscaping
#13. Structural

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Page 2

Description:

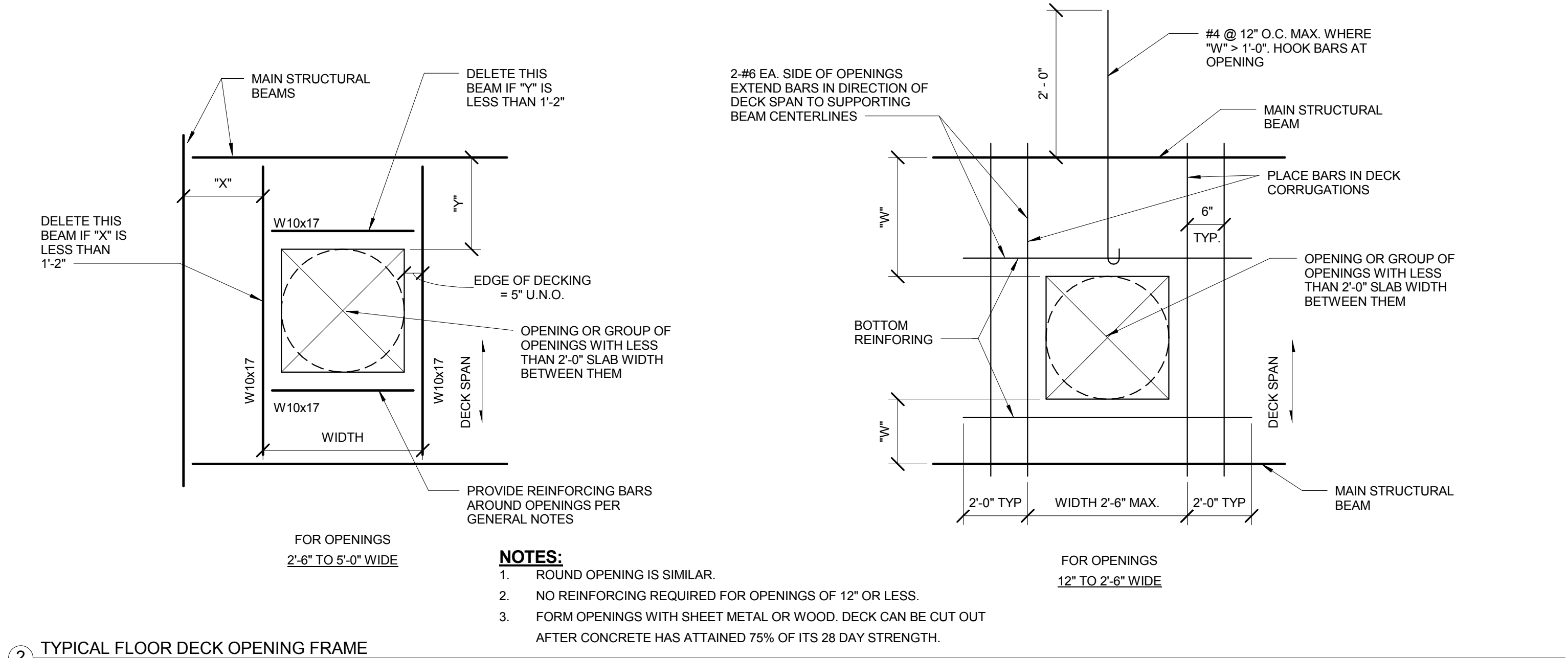
Additions and Revisions for various site walls.

Please submit an itemized proposal for changes in contract Sum and Contract Time for proposed modifications to the Contract Documents described herein:

Issued by Architect:

Jill Walker, DMA.

Accepted by Contractor:



NOTES:

1. LAP SPLICE TOP REINFORCING AT GRADE BEAM MIDSPAN.
2. LAP SPLICE BOTTOM REINFORCING AT DRILLED PIER SUPPORT.
3. LAP SPLICE SIDE REINFORCING AT DRILLED PIER SUPPORT.
4. WHERE (2) LAYERS OF TOP OR BOTTOM REINFORCING IS SHOWN IN GRADE BEAM SCHEDULE - PROVIDE 1 1/2" CLEAR DISTANCE BETWEEN THE 2 LAYERS.

TYPICAL DRILLED PIER NOTES:

1. DRILLED PIER FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL INVESTIGATION REPORT.

2. DETERMINATION OF THE SUITABILITY OF THE BEARING RIG WILL BE MADE BY THE GEOTECHNICAL ENGINEER.

3. BOTTOM OF ALL PIER HOLES SHALL BE MADE SUFFICIENT FOR INSPECTION BY THE GEOTECHNICAL ENGINEER.

4. GEOTECHNICAL ENGINEER SHALL WITNESS THE POURING OF CONCRETE.

5. SHAFTS SHALL BE DRILLED PLUMB AND STRAIGHT. SEE SPECIFICATIONS FOR TOLERANCES.

6. ALL LOOSE MATERIAL SHALL BE REMOVED FROM THE BOTTOM OF PIER HOLES. PROVIDE A LEVEL OR LEDGED SURFACE TO THE SLOPING SURFACE OF THE PIER.

7. NOT ALLOWED.

8. MORE THAN 2" WATER WILL BE ALLOWED IN ANY PIER HOLE AT THE TIME OF CONCRETE PLACEMENT. SEE SPECIFICATIONS FOR Dewatering.

9. CONCRETE: F-150 (150 PSI) (145 PCF)

10. PIER REINFORCING: A615 GRADE 60. EPOXY COATED NOT REQUIRED FOR PIER REINFORCING.

11. PERMANENT REINFORCING SHALL BE USED FOR OR REQUIRED BY THE GEOTECHNICAL FIELD REPRESENTATIVE.

12. EXCESSIVE CONCRETE SHALL BE PUSHED AWAY FROM THE EXCAVATION.

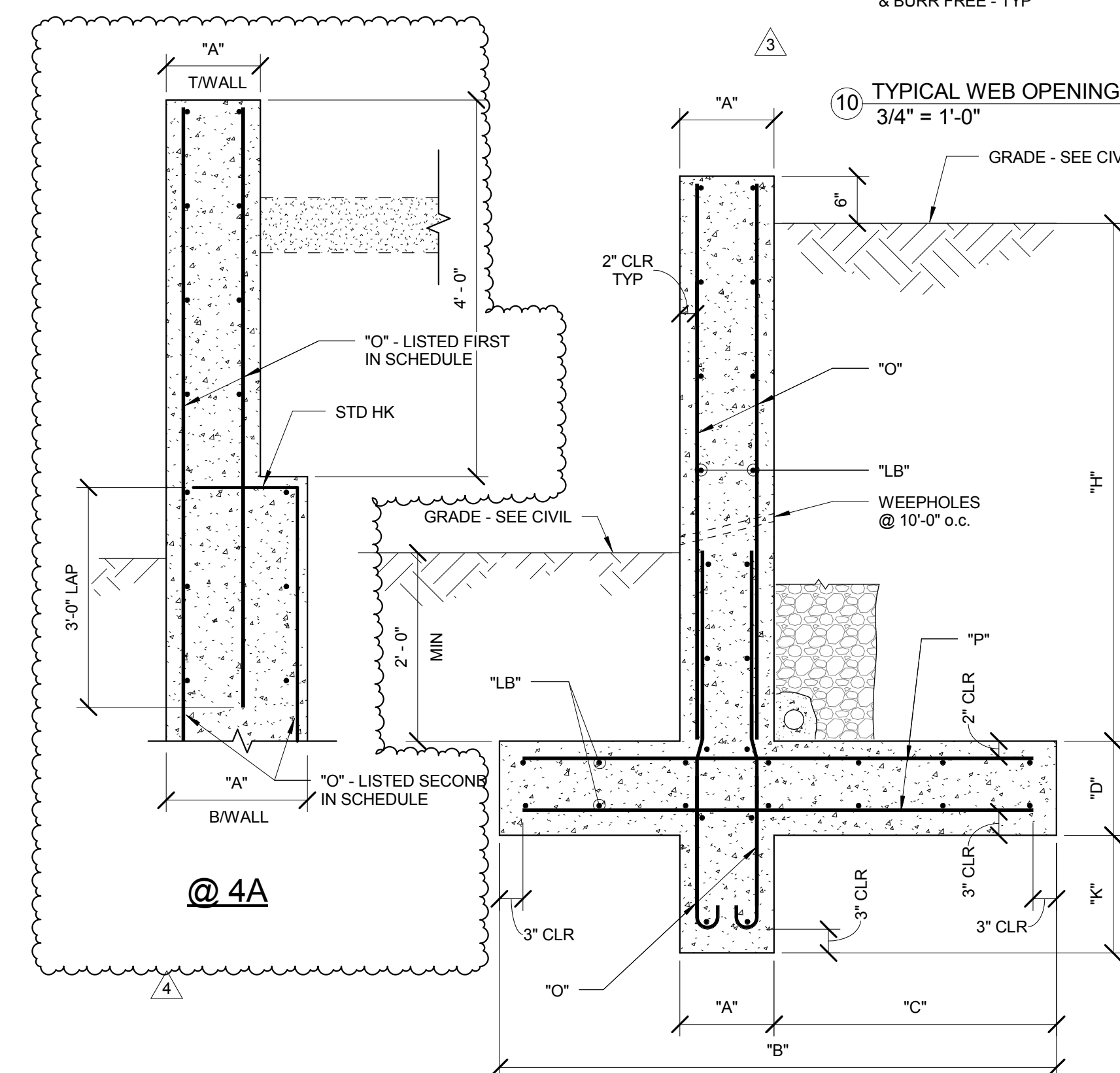
13. CONTRACTOR SHALL PROTECT THE REBAR (DOWELS) AND REINFORCING BARS FROM THE TOP OF THE PIER WITH PLASTIC CAPS AND FILL ALL PIER EXCAVATIONS WITH GRANULAR FILL TO THE TOP OF THE PIER.

14. CONTRACTOR SHALL PROVIDE THE OWNER WITH AS-BUILT REPRODUCIBLE DRAWINGS AT COMPLETION.

15. THE PROTECTION OF EXISTING UTILITIES SHALL BE ACCORDANCE WITH REPORT OF GEOTECHNICAL INVESTIGATION.

16. PIER W/UP/LIFT REQUIRES FULL DEPTH REINFORCING CAGES. SEE PIER SCHEDULE ON SHEET 3004.

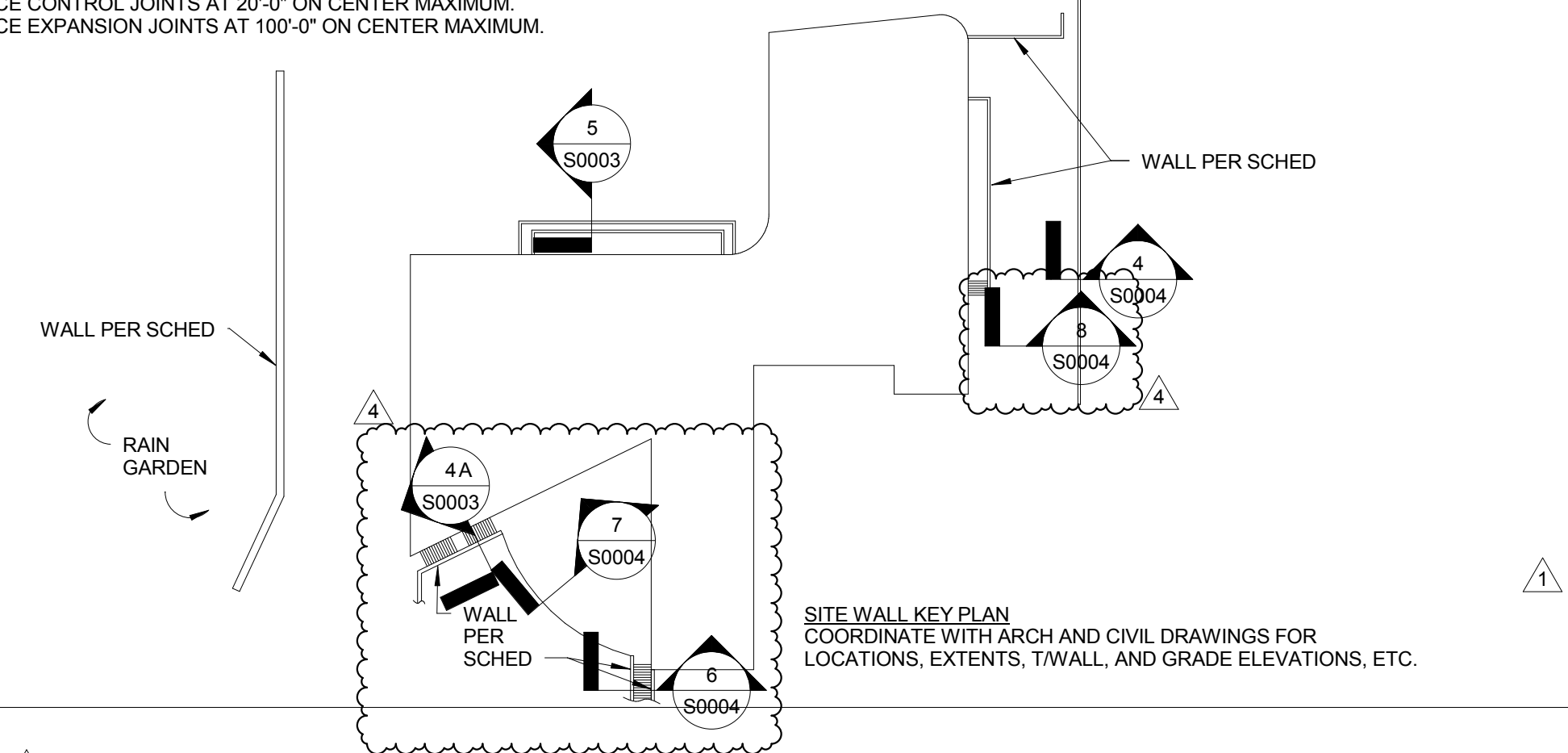
17. ALL SPOCKED WHEELS SHALL BE INSPECTED BY THE TESTING AND INSPECTION AGENCY BASED ON REQUIRED LOAD CAPACITY AND CONDITIONS ACQUIRED (MIL).



SITE CONCRETE RETAINING WALL SCHEDULE									1
"H"	"A"	"B"	"C"	"D"	"K"	"O"	"LB"	"P"	REMARKS
5'-0" MAX	1'-0"	4'-6"	2'-0"	1'-0"	1'-3"	#5 @ 12"	#4 @ 12"	#5 @ 12"	18" COVER ON TOE
7'-0" MAX	1'-0"	7'-0"	4'-0"	1'-3"	1'-6"	#5 @ 12"	#4 @ 12"	#5 @ 12"	
9'-0" MAX	1'-0"	9'-0"	4'-0"	1'-3"	2'-6"	#5 @ 12"	#4 @ 12"	#5 @ 12"	
11'-0" MAX	1'-0" TWALL 1'-6" BWALL	13'-4"	5'-10"	1'-6"	2'-6"	#5 @ 12" EF/ #5 @ 12" OF #7 @ 12" IF	#5 @ 12"	#5 @ 12"	
13'-6" MAX	1'-6"	16'-6"	8'-0"	1'-6"	3'-6"	#7 @ 9" IF #8 @ 9" OF	#5 @ 12"	#7 @ 12"	

NOTES:

1. SPACE CONTROL JOINTS AT 20'-0" ON CENTER MAXIMUM.
2. SPACE EXPANSION JOINTS AT 100'-0" ON CENTER MAXIMUM.

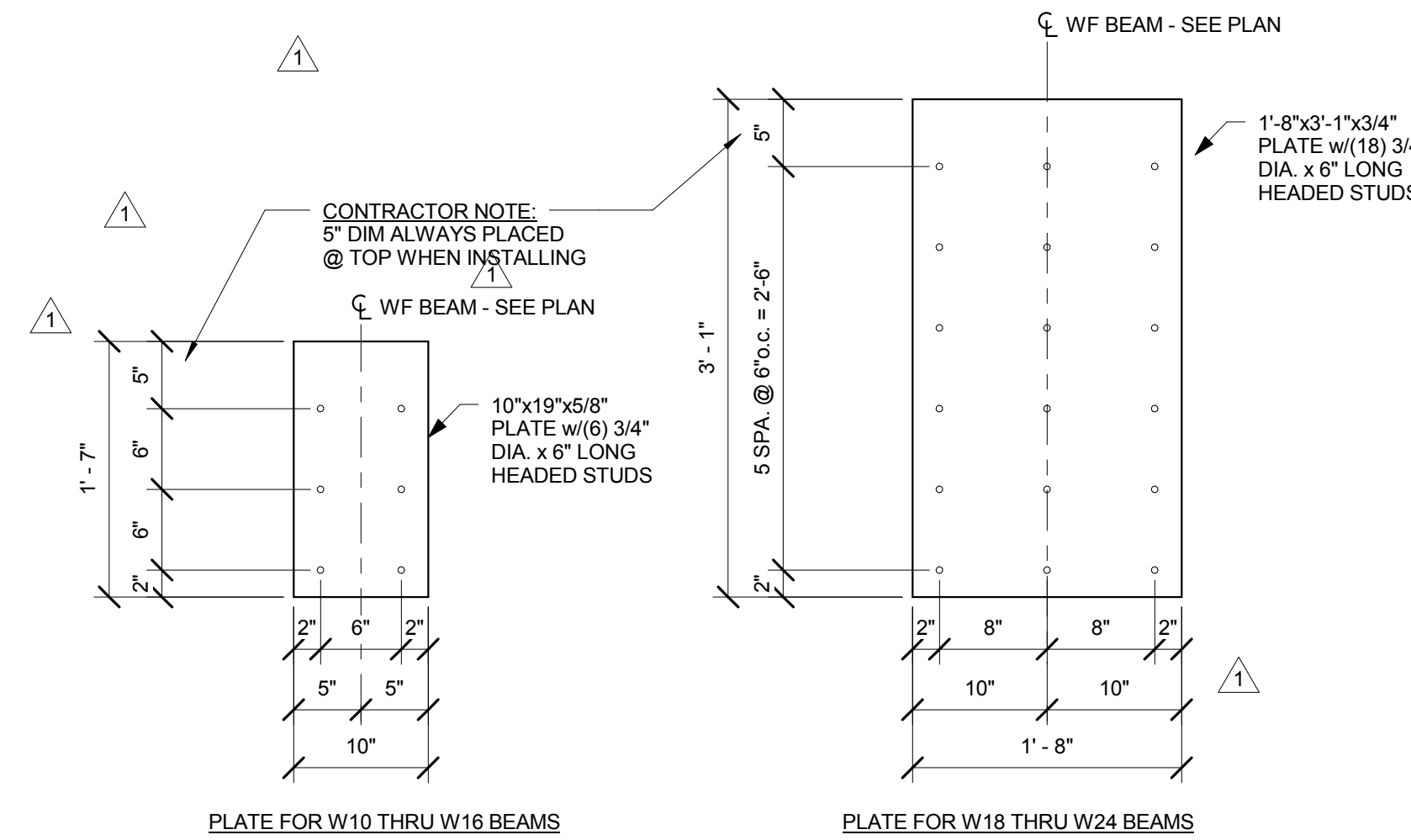


Technical drawing showing a cross-section of a beam and pipe connection. The drawing includes the following details:

- SLEEVED PIPE PENETRATION SEE PLUMBING DRAWINGS**: Indicated by a line pointing to the pipe.
- (3) #5 4'-0" LONG OVER SLEEVE**: Indicated by a line pointing to the reinforcement bars.
- 1'-0" MIN**: Dimension for the sleeve length.
- REINFORCING PER GRADE BEAM SCHEDULE**: Indicated by a line pointing to the beam reinforcement.
- 1'-0" MIN**: Dimension for the sleeve length.
- 8" MIN EACH SIDE**: Dimension for the sleeve length.
- #5 U-BAR EACH SIDE**: Indicated by a line pointing to the reinforcement bars.
- 1'-0" MIN**: Dimension for the sleeve length.
- 2'-0" MIN**: Dimension for the sleeve length.
- NOTE: WHERE PIPING RUNS BELOW GRADE BEAM PLACE IN STEEL SLEEVE IF OCCURS WITHIN 2'-0" FROM BOTTOM OF GRADE BEAM**: A note explaining the requirement for a steel sleeve.
- 4'-0" 4'-0"**: Dimensions for the beam width.
- REIN. TO MATCH GRADE BEAM BOTTOM REIN.**: Indicated by a line pointing to the reinforcement bars.

Diagram illustrating the cross-section of a trench construction. The trench is 6" wide at the top and 2'-6" deep. The trench is lined with 8" thick concrete on the sides and bottom. The bottom is covered with free draining granular fill. The trench is surrounded by free draining granular fill. The top of the trench is covered with a 6" thick concrete slab. The trench is located in a 6-foot wide area. The trench is labeled with dimensions and materials.

5 TYPICAL TERRACED CONCRETE SITE RETAINING WALL
3/4" = 1'-0"



7 TYPICAL EMBEDDED PLATE DETAILS FOR BEAM CONNECTION TO CONCRETE WALLS
1" = 1'-0"

Checked by:

MSD P# 28874-01 MSD BASE MAP 23K2

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