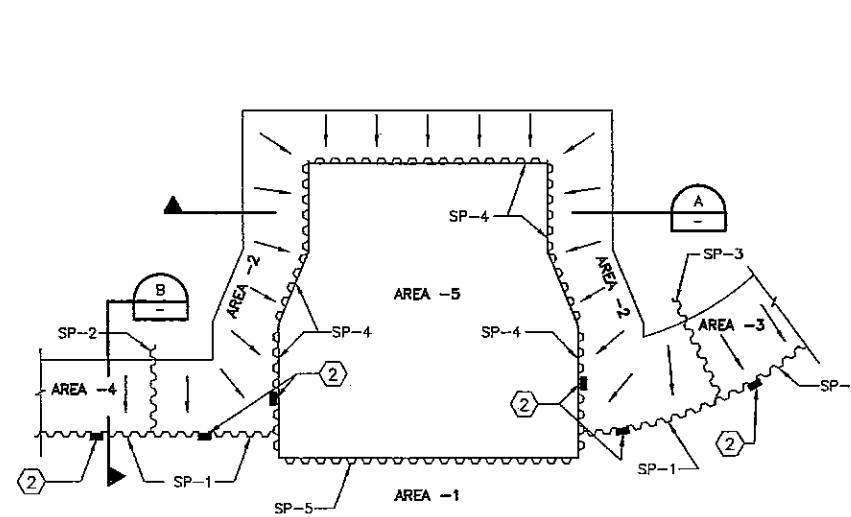


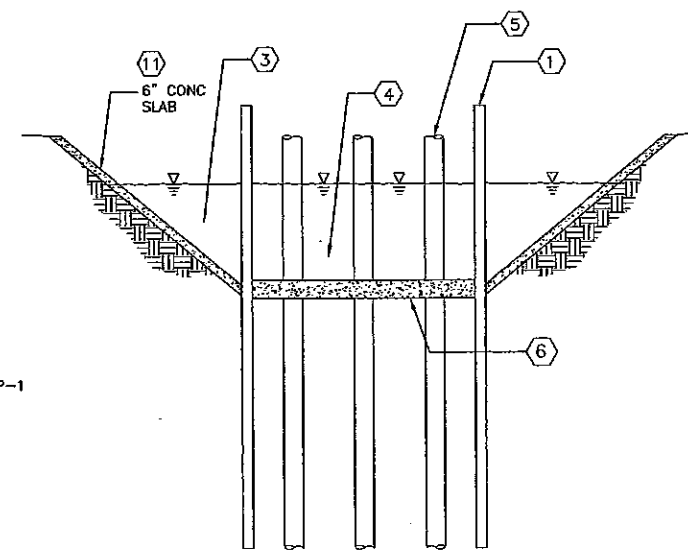
**SUGGESTED CONSTRUCTION SEQUENCE:**

- ① DRIVE ALL SHEET PILES AS SHOWN (SP-1 THRU SP-2)
- ② ENSURE FLOW CONNECTIVITY BETWEEN AREAS 1 THRU 4 BY PROVIDING OPENINGS IN SHEET PILES.
- ③ EXCAVATE AREA 2 AS SHOWN PER SECTION A IN STANDING WATER.
- ④ EXCAVATE AREA-5 AS SHOWN PER SECTION-A IN STANDING WATER TO 3 FEET BELOW PROPOSED BOTTOM OF INTAKE SLAB. EXCAVATION ON BOTH SIDES OF SHEET PILE SHALL BE CARRIED OUT SIMULTANEOUSLY TO PREVENT CREATING UNBALANCED LOADING CONDITION.
- ⑤ DRIVE ALL STEEL PILES TO ANTICIPATED TIP ELEVATION INCLUDING INTAKE STRUCTURE, RAMPS, ETC.
- ⑥ CAST 3'-0" THICK SACRIFICIAL SLAB IN WATER WITH EXPECTED  $f'_c=2500$  PSI MIN.
- ⑦ CLOSE OPENINGS IN AREA-5 PER ② & DEWATER ONLY AREA-5.
- ⑧ START CONSTRUCTION OF INTAKE STRUCTURE BASE, WALLS, CMU CLOSURE TO WEST OF INTAKE & STRUCTURAL STEEL FOR RAMPS.
- ⑨ CONSTRUCT TOP DECK OF INTAKE STRUCTURE (AS SHOWN IN KEY PLAN) UP TO EXPANSION JOINT.
- ⑩ SP-4 WILL REMAIN IN PLACE AS CONCRETE WALL FORM. SP-5 WILL BE CUT JUST AT TOP OF BASE SLAB ELEVATION. SP-2, SP-3, SP-1 REMAIN IN PLACE AS PERMANENT CONSTRUCTION.
- ⑪ CLOSE OPENINGS TO AREA-2 PER ② AND DEWATER THE AREA TO CONSTRUCT 6" SLAB-ON-GRADE AS SHOWN IN SECTION-A.
- ⑫ RE-OPEN (PER ②) OPENING TO ENSURE FLOW OF WATER IN ALL AREAS.
- ⑬ CONSTRUCT RAMP STRUCTURES AND BUILDINGS SUPPORTED BY INTAKE STRUCTURE.

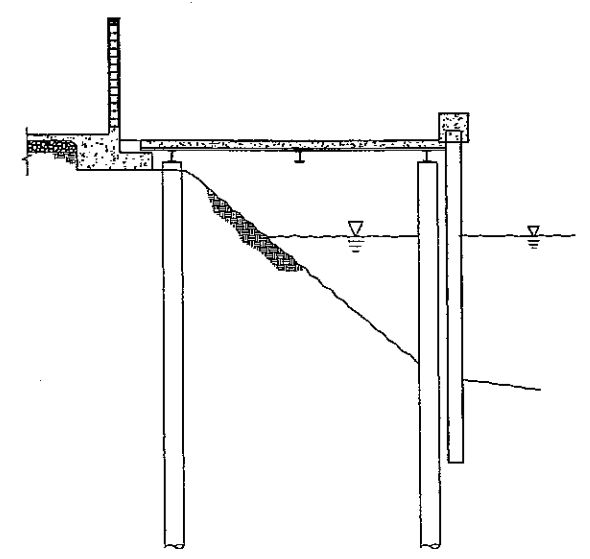


NOTE:  
SP-X DENOTES SHEET PILE NO.

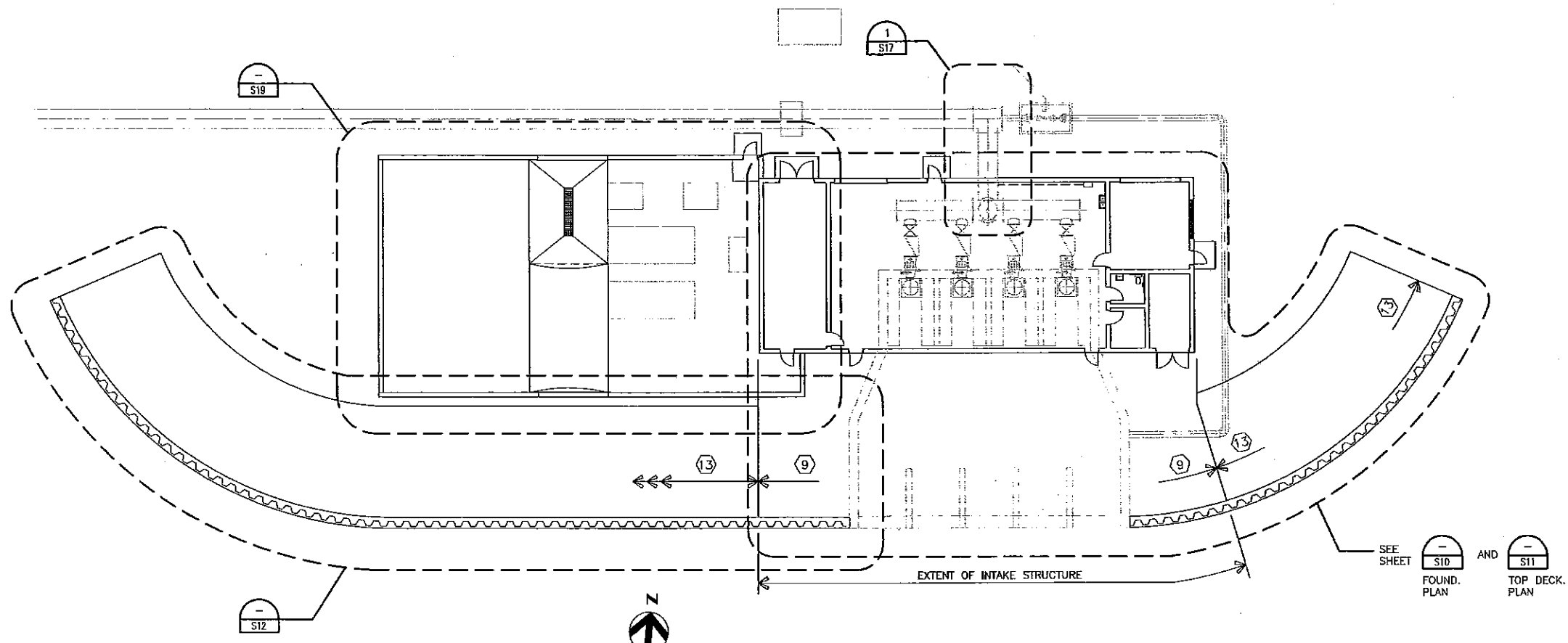
**PLAN**  
NTS



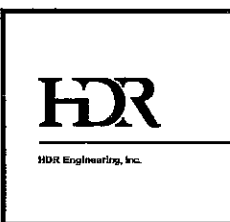
**SECTION A**  
NTS



**SECTION B**  
NTS



**KEY PLAN**  
NTS



ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	R. STRATTON
DESIGNED BY	O. TAVANGAR
DRAWN BY	J. DENAGA
CHECKED BY	O. TAVANGAR
DATE	11/13/07
PROJECT NUMBER	

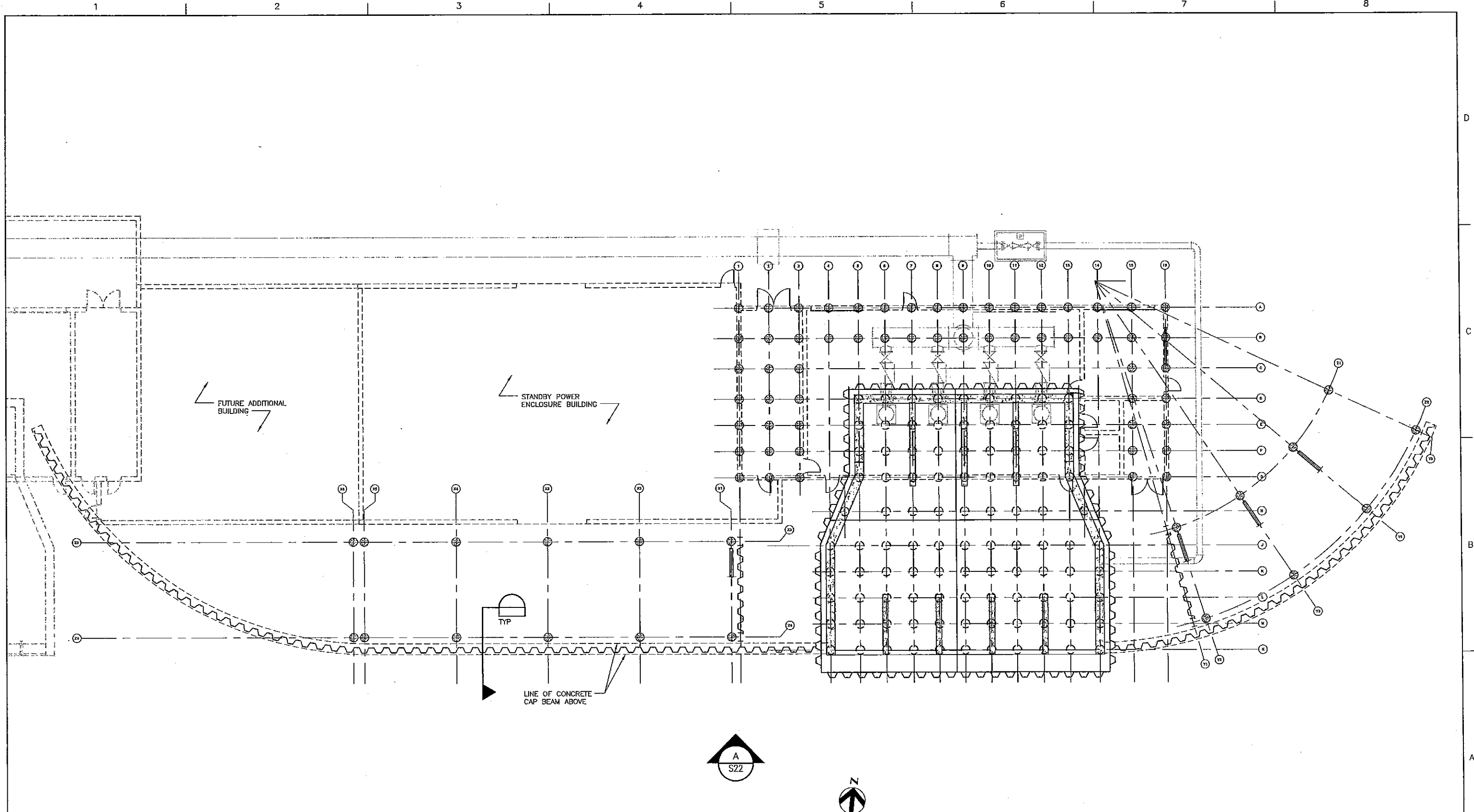


**INTAKE AND PUMP STATION FACILITY**

**SITE KEY PLAN AND SUGGESTED CONSTRUCTION SEQUENCE**

0 1" 2"

FILENAME	52656-S09.dwg	SHEET	S09
SCALE	AS NOTED		



**SHEET PILES FOUNDATION PLAN**  
 3/32" = 1'-0"

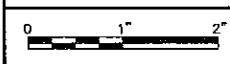


ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	R. STRATTON
DESIGNED BY	O. TAVANGAR
DESIGNED BY	
DRAWN BY	J. DENAGA
CHECKED BY	O. TAVANGAR
CHECKED BY	
DATE	11/13/07
PROJECT NUMBER	

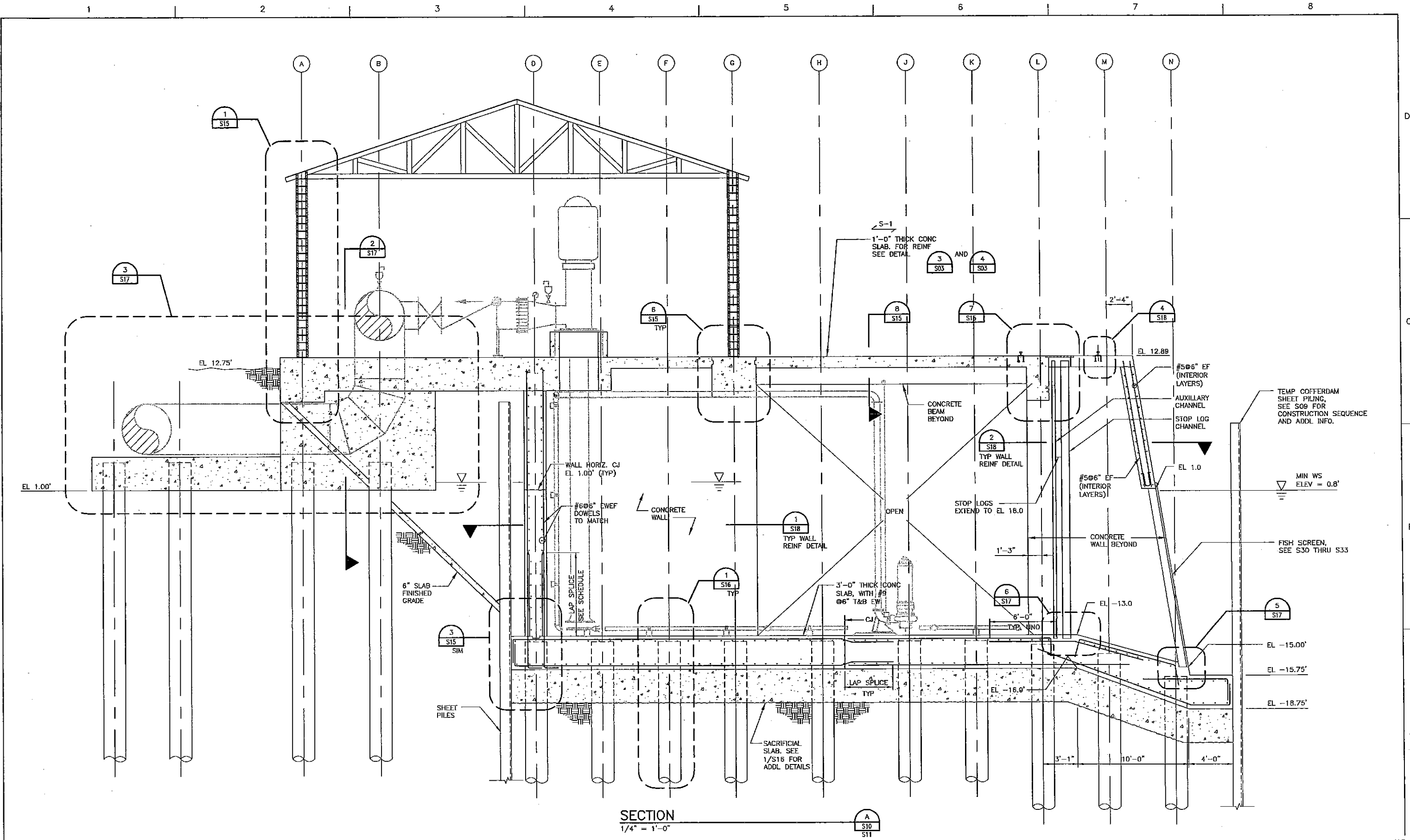


**INTAKE AND PUMP STATION FACILITY**



FILENAME	52656-S21.dwg
SCALE	AS NOTED

SHEET  
**S21**



SECTION  
1/4" = 1'-0"



ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	R. STRATTON
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DATE	11/13/07
PROJECT NUMBER	

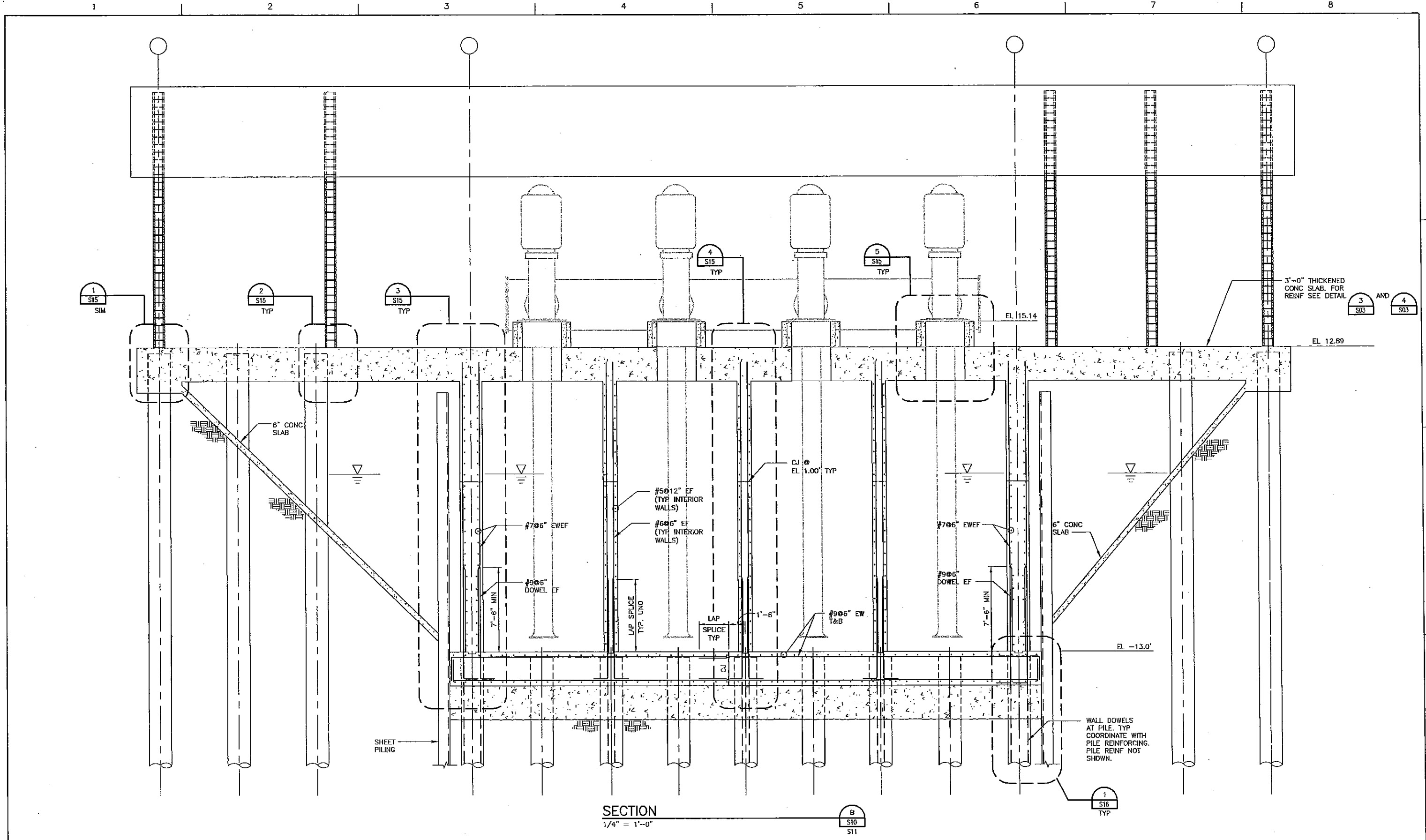


**INTAKE AND PUMP STATION FACILITY**

**INTAKE AND PUMP STATION SECTION I**

0 1" 2"

FILENAME	S2656-S14.dwg	SHEET	S14
SCALE	AS NOTED		



SECTION  
1/4" = 1'-0"

B  
S10  
S11

1  
S16  
TYP



ISSUE	DATE	DESCRIPTION

PROJECT MANAGER	R. STRATTON
DESIGNED BY	O. TAVANGAR
DESIGNED BY	
DRAWN BY	J. DENAGA
CHECKED BY	O. TAVANGAR
CHECKED BY	
DATE	11/13/07
PROJECT NUMBER	



INTAKE AND PUMP STATION FACILITY

INTAKE AND PUMP STATION SECTION - II

0 1" 2"

FILENAME	S2655-S15.dwg	SHEET	S15
SCALE	AS NOTED		