STATEMENT OF SPECIAL INSPECTIONS PLAN

GENERAL NOTES

- 1. THE STATEMENT OF SPECIAL INSPECTIONS PLAN DRAWINGS PROVIDES PROJECT COMPLIANCE WITH THE PROVISIONS OF 2009 INTERNATIONAL BUILDING CODE (IBC) CHAPTER 17 FOR SPECIAL INSPECTION, STRUCTURAL OBERSERVATION AND TESTING FOR WIND SEISMIC RESISTENCE. EXCEPT WHERE OTHERWISE NOTED, THIS INSPECTION IS OWNER FURNISHED.
- 2. STANDARD SPECIAL INSPECTION REQUIREMENTS FOR NONSTRUCTURAL COMPONENTS ARE CONTAINED IN TABLE 1.
- STANDARD SPECIAL INSPECTION REQUIREMENTS FOR STRUCTURAL COMPONENTS
 REGARDLESS OF WIND OR SEISMIC DESIGN CATEGORIES ARE CONTAINED IN TABLE 2.
 STANDARD TESTING REQUIREMENTS FOR STRUCTURAL COMPONENTS ARE CONTAINED IN
 TABLE 3.
- 4. PROJECT SPECIFIC REQUIREMENTS FOR STRUCTURES SUBJECT TO BASIC WIND SPEEDS IN EXCESS OF 100 MPH ARE CONTAINED IN TABLE 5.
- 5. FOR ADDITIONAL REQUIREMENTS, REFER TO SPECIFICATION SECTION 01 45 33, SPECIAL INSPECTION, OBSERVATION AND TESTING. THESE INCLUDE
- A. CONTRACTOR'S REQUIREMENTS TO PROVIDE ACCESS TO THE WORK FOR REQUIRED INSPECTIONS, AND TO PROVIDE NOTICE OF REQUIRED INSPECTIONS AND STRUCTURAL OBSERVATIONS
- 5. CONTRACTOR'S STATEMENT OF RESPONSIBILITY FOR WORK TO BE PERFORMED ON SYSTEMS DESIGNATED UNDER THE STATEMENT OF SPECIAL INSPECTIONS PLAN FOR WIND RESISTANCE.
- C. DEFINITIONS AND TERMINOLOGY USED IN THIS STATEMENT OF SPECIAL INSPECTION.

SPECIAL INSPECTION

- 1. SPECIAL INSPECTION WILL BE IN ACCORDANCE WITH IBC SECTION 1704 TOGETHER WITH LOCAL AND STATE AMENDMENTS. REFER TO THE TABLES CONTAINED ON THESE GENERAL SHEETS FOR PROJECT SPECIFIC INSPECTION TYPES AND FREQUENCIES
- 2. SPECIAL INSPECTIONS WILL BE PROVIDED BY A CERTIFIED OR QUALIFIED INSPECTOR AND ASSOCIATED TESTING WILL BE PERFORMED BY AN APPROVED ACCREDITED INDEPENDENT AGENCY. THE OWNERWILL SECURE AND PAY FOR THE SERVICES OF THE AGENCY TO PERFORM ALL SPECIAL INSPECTION AND ASSOCIATED TESTS. INSPECTORS FOR EACH SYSTEM AND MATERIAL WILL BE INTERNATIONAL CODE COUNCIL (ICC) CERTIFIED OR OTHERWISE APPROVED BY THE BUILDING OFFICIAL.
- 3. THE SPECIAL INSPECTOR WILL OBSERVE THE INDICATED WORK FOR COMPLIANCE WITH THE APPROVED CONTRACT DOCUMENTS AND SUBMIT RECORDS OF INSPECTION. ALL DISCREPANCIES WILL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION.
- 4. SPECIAL INSPECTION AND ASSOCIATED TESTING REPORTS WILL BE SUBMITTED TO THE ENGINEER. CONTRACTOR, BUILDING OFFICAL, AND OWNER WITHIN ONE WEEK OF INSPECTION OR WITHIN ONE WEEK OF TEST COMPLETION. INSPECTIONS FOR WHICH REPORTING WILL BE REQUIRED ARE NOTED IN THE TABLES CONTAINED ON THIS PLAN.
- 5. AT THE CONCLUSION OF CONSTRUCTION, A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND CORRECTION OF PREVIOUSLY NOTED DISCREPANCIES WILL BE SUBMITTED.

GEOTECHNICAL OBSERVATION

- 1. GEOTECHNICAL OBSERVATION SHALL BE IN ACCORDANCE WITH IBC SECTION 1704.7, 1803 5 AND 1803.6 TOGETHER WITH LOCAL AND STATE AMENDMENTS. SEE
- 2. GEOTECHNICAL OBSERVATION SHALL BE PERFORMED BY A REGISTERED PROJECT DESIGN PROFESSIONAL FOR GENERAL CONFORMACE TO THE APPROVED CONSTRUCTION DOCUMENTS. GEOTECHNICAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR ANY REQUIRED SPECIAL INSPECTION OR INSPECTIONS BY THE BUILDING OFFICIAL.
- 3. THE CONTRACTOR SHALL SCHEDULE AND FACILITATE GEOTECHNICAL OBSERVATION.

STRUCTURAL OBSERVATION

 STRUCTURAL DESERVATION IN ACCORDANCE WITH IBC SECTION 1709 TOGETHER WITH LOCAL AND STATE AMENDMENTS ARE NOT APPLICABLE TO THE PROJECT

SPECIAL INSPECTIONS FOR WIND RESISTANCE

 STATEMENT OF SPECIAL INSPECTIONS PLAN REQUIREMENTS FOR WIND. RESISTANCE WILL BE IN ACCORDANCE WITH IBC SECTION 1705.4 IS NOT APPLICABLE TO THIS PROJECT.

SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE

1. STATEMENT OF SPECIAL INSPECTIONS PLAN REQUIREMENTS FOR SEISMIC RESISTANCE IN ACCORDANCE WITH IBO SECTION 1705.3 IS NOT APPLICABLE TO THIS PROJECT.

		REQUIRED		ILE 1 IRAL SPECIAL I	NSPECTION		
				TION SECTION			
	2009 BC CODE REFERENCE	REFERENCED STANDARD	PERIODIC OWNER FURNISHED SPECIAL INSPECTION (SES NOTE 1)	CONTINUOUS CVVNER FURNISHED SPECIAL INSPECTION	REQUIRED REPORTING BY SPECIAL INSPECTOR TO DESIGNATED DISTRIBUTION LIST	COMMENTS	TESTING FOR SPECIAL INSPECTION
SYSTEM OR MATERIAL	REFERENCE		GEOTECHNICAL		Lioi	OCIMINALI 410	NOT COTOR
ECT E.			GEO! EC! !NOAL		T		
. SOILS: A. VERIFY MATERIALS BELOW FOOTINGS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	1704.7 1803.5, 1803.6	SECTION 31 23 13, SUBGRADE PREPARATION	х		X	PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	
9 VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	1704.7	SECTION 31 23 16, EXCAVATION	X		X	PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	
C PERFORM CLASSIFICATION AND TESTING OF CONTROLLED FILL MATERIALS	1704.7	SECTION 31 23 23, FILL AND BACKFILL	X		X		SEE TABLE 3 FOR GRADATION TEST REQUIREMENTS
DIVERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL	1784.7	SECTION 31 23 23, FIEL AND BACKFILL		X	X		SES TABLE 3 FOR DENSITY TEST REQUIREMENTS
E PRIOR TO PLACEMENT OF CONTROLLED FILE. OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	1704.7	SECTION 21 23 13, SUBGRADE PREFARATION	X		X	PROFESSIONAL OBSERVATION BY GEOTECHNICAL ENGINEER	SEE TABLE 3 FOR DENSITY TEST REQUIREMENTS
			GEN	NERAL			
NSTALLATION OF ALTERNATE CONSTRUCTION OF CODE PRESCRIBED MATERIALS AND SYSTEMS	1704.43 ITEM 1		х		X		
2. UNUSUAL DESIGN APPLICATION OF CODE MATERIALS	1704.43 (TEM 2			×	X		
MINSTALLATION OF MATERIALS THAT REQUIRE ADDITIONAL MANUFACTURER'S NSTRUCTIONS BEYOND CODE REQUIREMENTS	1703.4.2. 1704.13 ⊞EM 3	ICC-ES EVALUATION REPORTS		×	X	ANCHORS INSTALLED IN HARDENED CONCRETE	
			STRU	CTURAL			

NOTES:

CONCRETE MEMBER BEING FORMED.

1. PERIODIC INSPECTION IS DEFINED AS INSPECTION BY THE SPECIAL INSPECTOR OF ALL MATERIALS AND SYSTEMS, IN SOME CASES

PERFORMED DURING THEIR PLACEMENT AND IN ALL CASES PERFORMED UPON COMPLETION OF THEIR PLACEMENT. THE

COMPLETION INSPECTION SHALL BE PERFORMED SO THAT WORK CAN BE CORRECTED PRIOR TO OTHER RELATED WORK PROCEEDING REQUIRED STRUCTURAL SPECIAL INSPECTION REFER TO SPECIFICATION SECTION 61 45 33 REQUIRED REPORTING BY PERIODIC SPECIAL CONTINUOUS OWNER OWNER INSPECTOR TO FURNISHED TESTING FOR FURNISHED DESIGNATED SPECIAL DISTRIBUTION SPECIAL 2009 BC CODE REFERENCED INSPECTION SPECIAL COMMENTS INSPECTION INSPECTION LIST REFERENCE STANDARD (SEE NOTE 1) SYSTEM CONCRET 1. INSPECTION OF REINFORCING STEEL ACI 318: 3.5 1303.1, 1**907** 1. 7. 1**-7.** 7 AND PLACEMENT 1907.7, 1913.4 SEE STEEL CONSTRUCTION FOR 1704.4, 1903.1 2. INSPECTION OF REINFORCING STEEL AWS D 1.4, AC WELDING INSPECTION WELDING IN ACCORDANCE WITH TABLE 318: 3.5.2 REQUIREMENTS 1704.3, ITEM 55 INSPECT BOLTS TO BE INSTALLED IN 1911.5. 1912.1 CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN MCREASED OR WHERE STRENGTH DESIGNS IS USED 4 INSPECTION OF ANCHORS INSTALLED 1912. : ACt 318: 3 S.6. IN HARDENED CONCRETE 8.1.3, 21.2.8 ACI 315: Ch. 4 VERIFY USE OF REQUIRED DESIGN 1904.2.2. 5.2 - 5.41905.2-1905.4. 1513.2, 1913.3 SEE TABLE 3 FOR ASTM C 172, 6. AT THE TIME FRESH CONORETE IS: 1704.4. CONCRETE TEST ABTM C 31, PLACED TO FABRICATE SPECIMENS FOR 1905.6 1913.10 REQUIREMENTS STRENGTH TESTS, PERFORM SLUMF ACI 316: 5.6 5.8 AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE MSPECTION OF CONCRETE AC: 318 5.9, 5.10 PLACEMENT FOR PROPER APPLICATION 1995 S. 1905.10. TECHNIQUES 1913 6, 1912.7, 1913.8 1704.4. INSPECTION FOR MAINTENANCE OF ACt 318: 5.11-5.13 SPECIFIED CURING TEMPERATURE AND 1965.11-1905 13 TECHNIQUES 2. INSPECT FORWWORK FOR SHAPE, ACI 318 6.1.1 LOCATION AND DIMENSIONS OF THE

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	STRUCTURAL	CRYSTAL SPRING WATER TREATMENT PLANT								MA OA Z	27
SCA INCL		CLEARWELL REPLACEMENT							₽.⁻.	100 200 1 X	P.
	SPECIAL INSPECTION NOTES	WESTERN VIRGINIA WATER ALTHORITY	Ö	DATE		REVISION		BY APVD	Ą		
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