

	VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD	REFERENCE	PERIODIC STAGES	REQUIRED ON THE PRODUCT
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESSURISING TENDONS, AND PLACEMENT			X	ACI 318, 2.5, 7.1+7.7	1905, 1907, 1908.1, 1914.4	PERIOD TO EXAMINE POINTS WHERE CONCRETE TO BE PLACED	YES
2. INSPECTION OF REINFORCING STEEL, INCLUDING ACCORDING WITH TABLE 10.3.1, ITEM 4B				ACI 318, 2.5.2 ACI 318, 2.5.2	1907.1, 1914.4	PRIOR TO UNLOADING	YES
3. INSPECT BULTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED		X			1912.5		NO
4. VERIFYING USE OF REQUIRED DESIGN MIX			X	ACI 318, CH 4, 2.5.5.4	1906, 1906.5, 1908.1, 1914.2, 1914.3	EACH TIME FRESH CONCRETE IS PLACED	YES
5. SOUND AND FRESH CONCRETE AND PERFORMING SLUMP, COMPACT AND DETERMINING THE TEMPERATURE OF CONCRETE AT TIME OF PLACING OR FINISHING FOR STRENGTH TESTS		X		AASHTO T 192 ASTM C 231 ACI 318, 6.6.1.4	1908.1, 1914.10	EACH TIME CONCRETE CYLINDERS TAKEN FOR STRENGTH TESTS	YES
6. INSPECTION OF CONCRETE AND BULKHEAD PLACEMENT FOR PROPER APPLICATION TECHNIQUES		X		ACI 318, 6.6.1.5	1908.1, 1908.10, 1914.1, 1914.2, 1914.3	EACH TIME FRESH CONCRETE IS PLACED	YES
7. INSPECTION FOR ATTAINANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES			X	ACI 318, 6.5.1, 5.13	1906.1, 1908.13, 1914.3	ON UNLOADING INSPECTION FOR EVERY 50 CUBIC YARDS OF CONCRETE PLACED FOR DUNE PROJECT	YES
8. THE INSPECTION OF PRESSURIZED CONCRETE:							
a. APPLICATION OF PRESSURISING FORCE		X		ACI 318, 24.5			
b. PRESSURISING SYSTEM TENDONS IN THE SEISMIC-RESISTIVE SYSTEM		X		ACI 318, 17.5.4			NO
9. ERECTION OF PRECAST CONCRETE MEMBERS			X	ACI 318, CH. 16		PRIOR TO UNLOADING	NO
10. VERIFICATION OF PLACED CONCRETE STRENGTH, PRIOR TO STRIPPING OF FORMWORK IN PORTLANDION CONCRETE PRIOR TO REMOVAL OF SHORES & FORMS FROM BEAMS & STRUCTURAL SLABS		X		ACI 318, 2.2	1904.3		NO

1. SPECIAL INSPECTION AND MINIMUM TESTING SHALL BE PERFORMED IN ACCORDANCE WITH 2006 IBC TABLES 1704.3 (STEEL), 1704.4 (CONCRETE), AND 1704.5.1 (MASONRY)
2. INSPECTION SHALL BE PROVIDED BY AN INDEPENDENT TESTING AGENCY HIRED AT THE CONTRACTOR'S EXPENSE. AGENCY/INSPECTION PERSONNEL SHALL MEET THE INSPECTOR QUALIFICATIONS FOR EACH MATERIAL ITEM AS INDICATED IN THE SPECIFICATIONS.
3. ANY MATERIAL OR PLACEMENT DEVIATIONS FROM MINIMUMS SHOWN ON THE DRAWINGS OR IN SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. IN ADDITION TO THE IBC INSPECTION TABLES, THE INSPECTOR SHALL VERIFY THAT ALL STEEL MAINTAIN EJECTION TOLERANCE OF STRUCTURAL STEEL WITHIN AISCS CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES.
5. IN ADDITION TO THE CONCRETE AND MASONRY IBC INSPECTION TABLES, THE INSPECTOR SHALL VERIFY THAT ALL CONCRETE AND MASONRY MAINTAIN TOLERANCES SPECIFIED IN ACI 318-99 STANDARD SPECIFICATIONS FOR CONCRETE TOLERANCES FOR CONCRETE CONSTRUCTION AND MATERIALS.

CONSULTANTS	ARCHITECT/ENGINEER	Project No.	Project Name
		Site Details	Shirdar VMMC LANDSCAPING FOR BUILDING 87
		Project Title/Reference	Building No./Zone
		VMMC Shirdar	87
		Location	Shirdar, Hyderabad
		Scale	1:100
		Drawn by	CS902
		Checked by	
		Approved by	
		Date	08/02/24
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Office of  
Construction  
and Facilities  
Management

Department of  
Vocational Education

**GENERAL NOTES**

[illegible]

COMPLEMENTARY.

## 1. CONCRETE TESTS

[illegible]

### 1. SHALL BE MIX DESIGN

[illegible]

IT WILL CONTINUE TO BE EXPLORED BY THE BUREAU ON  
TO 7%.

6. WATER REDUCING AGENTS MAY BE USED IF THE CONCRETE MIX, PLASTICIZER AND SUPERPLASTICIZER MAY BE USED ONLY WHEN WRITTEN PERMISSION OF THE ENGINEER IS GIVEN.

7. NO SALTS OF ANY KIND MAY BE USED IN CONCRETE BEFORE OBTAINING THE ENGINEER'S WRITTEN PERMISSION FOR THEIR USE.

1. ALL CONCRETE SHALL BE PLACED IN ACC

EXCEPT AS HEREIN INDICATED, THE FOLLOWING SPECIFICATIONS FOR SUBCOMPONENTS TO BE MADE BY THE CONTRACTOR SHALL BE THE MINIMUM REQUIREMENTS FOR THE DESIGN AND CONSTRUCTION OF THE STAIRS:

1. ALL STEEL SHALL BE A36 OR HIGHER TENSILE STRENGTH AS INDICATED BY THE DRAWING. ALL STEEL SHALL BE PROTECTED AGAINST CORROSION BY A MINIMUM OF TWO COATS OF AN EPOXY-PAINT SYSTEM BETWEEN THE STEEL EDGE AND THE FLOOR SLAB, NOTED ON THE DRAWING.
2. ALL WELDING SHALL BE TO AINSA 1.1, GRADE 70, BY ECA AND LONGER, EXCEPT WHERE NOTED OTHERWISE. REINFORCING SHALL NOT BE WELDED.
3. ALL REINFORCING STEEL BARS TO BE DETAIL AND PLACED IN ACCORDANCE WITH THE LATEST ACI 318M.

6. PROVIDE CONCRETE BARS OF SIZE AND LOCATION, INCLUDING ALL

4. PROVIDE FOUNDATION CONCRETE AS SHOWN. MINIMUM SOLE DRIVELS TO BE 18" DEEP. PROVIDE 12" MINIMUM COVER FOR ALL REINFORCING BARS. PROVIDE 12" MINIMUM COVER FOR ALL REINFORCING BARS. PROVIDE 12" MINIMUM COVER FOR ALL REINFORCING BARS. PROVIDE 12" MINIMUM COVER FOR ALL REINFORCING BARS.
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NOT EXPOSED TO EMBRYOS IN CONTACT WITH

[illegible]

#### 14. CONTRACTOR IS TO PROVIDE ELEVATED SLABS AND

STRUCTURES:  
15. CONCRETE SHALL MAINTAIN A CONSTANT THICKNESS OVER THE ENTIRE ELEVATION. ALL ELEVATIONS SHALL BE WITHIN 1/4" OF THE SPECIFIED ELEVATION. ALL ELEVATIONS SHALL NOT BE 3/8" GREATER THAN 1/4" LESS THAN THE SPECIFIED THICKNESS.  
16. LASER SCAFFOLD OR OTHER SIMILAR ERECTING EQUIPMENT SHALL NOT BE PERMITTED FOR ELEVATED STEEL UNLESS AUTHORIZED BY ALBERTSON ENGINEERING INC.