NOTICE TO CONTRACTORS (CONTINUED)

(Continued from Doc. C-100)

25. DURING HEAVY RAIN, THE CONTRACTOR SHALL MONITOR THE CATCH BASINS AT THE INTERSECTION OF GESSING AVENUE, WINDWOOD AVENUE, AND KUMSDORF AVENUE, AND IMPROVEMENTS TO KUMSDORF AVENUE, AND IMPROVEMENTS TO KUMSDORF AVENUE. AT SUCH TIMES, THE CONTRACTOR SHALL RESPOND WITH SWEEPING AND PUMPS IN PREPARATION TO PREVENT WATER FROM ENTERING THE STREET. THE CONTRACTOR SHALL NOTIFY THE AUTHORITY OF ANY SWEEPS OR PUMPS INSTALLED.

26. THE FOLLOWING SHOP DRAWINGS AND SUBmittALS SHALL BE SUBMITTED FOR REVIEW AND APPROVAL PRIOR TO EITHER START OR CESSION OF CONSTRUCTION OR INSTALLATION OF THE RESPECTIVE MATERIAL:

**SHOP DRAWINGS**

- CHAIN LINK FENCE
- GASCONTROL, PLUMBING, AND DRAINAGE
- WATERMAIN AND DRAINAGE SUBMITTAL
- PIPE AND FITTINGS MATERIAL SUBMITTAL

**SUBmittALS**

- PROJECT SPECIFICATION SHEETS
- CONSTRUCTION CONTRACT
- SH AdJUSTMENTS DESIGN INCLUDING COLOR SAMPLE
- APPlIQUé CONCRETE MIX DESIGN
- HYDROEDGET CONCRETE AND HYDROGROUT
- Amazing virgin soil subgrade compaction plan
- RCP Projects Amended LGA well water supply system
- STORMWATER POLLUTION PREVENTION PLAN

STRUCTURAL NOTES

77. ALL CONCRETE MIXES, PAVING, AND PLACEMENT METHODS SHALL BE APPROVED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LARGEST SAMPLES AVAILABLE, AND MAY DECAY.

91. ANY MIXTURE SHORT OF THE CONCRETE SHALL BE CIVIL AND SELF-CONSISTING. ANY MIXTURE SHALL BE INSPECTED BY THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY THE CONCRETE PROPORTIONS AND PERFORMANCE BY SAMPLE INSPECTION AND ACCEPTANCE AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LARGEST SAMPLES AVAILABLE, AND MAY DECAY.

92. THE PLACEMENT OF ALL MIXTURES SHALL BE MONITORED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LARGEST SAMPLES AVAILABLE, AND MAY DECAY.

93. ALL REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION A618, GRADE 60 .

94. ALL CONCRETE MIXES ARE TO BE MIXED IN THE MIXING BERT AND ARE TO BE PLACED UPON THE FACE OF CONCRETE AND SHALL BE CURED AND MAINTAINED IN ACCORDANCE WITH ART. 600 .

95. UNLESS OTHERWISE STATED, MATERIAL SHALL BE APPROVED BY THE ENGINEER.

(a) BARS SHALL BE LAPPED AT A DIAMETER OF THE SMALLEST BARS SPACED.
(b) BARS MAY BE CONTINUOUS IN LENGTH OR SEPARATE.
(c) BARS (OR PLATE) SPACED SHOULD BE CONTINUOUS AT ALL OTHER LOCATIONS.
(d) TIES IN ADJACENT BARS SHALL BE CONTINUOUS AT LEAST ONCE IN A DIAMETER.
(e) LONSTRAIN BARS SHOULD BE LAPPED AT A DIAMETER OF THE SMALLEST BARS SPACED.

96. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND STRUCTURAL CALCULATIONS FOR ANY CHANGES TO THE STRUCTURAL DESIGN. THE CONTRACTOR SHALL VERIFY THE CONCRETE PROPORTIONS AND PERFORMANCE BY SAMPLE INSPECTION AND ACCEPTANCE AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE THE LARGEST SAMPLES AVAILABLE, AND MAY DECAY.

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STORMWATER POLLUTION CONTROL NOTES

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1. Fill, consisting of earth materials approved by the Soil Engineer (GEO), shall be placed in compacted layers 2. Removethis layer, and shall be placed in the existing structure for higher in the controlled fills. Importantly, fill sources shall be approved by the engineer to ensure that the fill meets the required standards, and any necessary testing shall be conducted by an independent laboratory.

2. Excavation shall be performed in accordance with the permitted limits. Care shall be exercised in excavating in order to avoid damage to the existing structure.

3. Excavation shall be performed in the following sequence:
   1. A sawcut shall be made one and one-half inches deep at the removal limits. Care shall be exercised in sawing at the removal limits so as not to cut the reinforcing steel in the remaining slab. The existing reinforcing steel shall be retained and extended into the new construction as indicated on the plans.
   2. Existing reinforcement shall be cut to the required bar extension.
   3. The remaining concrete may be removed by any suitable method upon approval of the engineer, who shall be the sole judge of the use of any concrete removal equipment.
   4. Explosives, wrecking ball, or other similar devices, which are likely to damage the concrete to be left in place, shall not be used.
   5. All proposed improvements not to be maintained by Los Angeles County Department of Public Works (LADWP) and County Flood Control District.

6. Subdrains shall be placed at the lowest drainable location. Perforations will be placed down and to the sides. Non-perforated laterals will be placed as shown on the plan and drain ground water collected in the subdrains to the shotcrete basin.

7. Lateral will be constructed with a 1% fall to the shotcrete basin.

NOTES:

1. As shown, ties shall be made one and one-half inches deep at the removal limits. Care shall be exercised in sawing at the removal limits so as not to cut the reinforcing steel in the remaining slab. The existing reinforcing steel shall be retained and extended into the new construction as indicated on the plans.

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TYPICAL SLOPE BENCHING DETAIL

NOT TO SCALE

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NOTE:

WHERE REINFORCEMENT IS REQUIRED TO EXTEND THROUGH THE NEW JOINT, CONCRETE SHALL BE REMOVED IN THE FOLLOWING SEQUENCE:

1. A SAWCUT SHALL BE MADE ONE AND ONE-HALF INCHES DEEP AT THE REMOVAL LIMITS. CARE SHALL BE EXERCISED IN SAWING AT THE REMOVAL LIMITS SO AS NOT TO CUT THE REINFORCING STEEL IN THE REMAINING SLAB. THE EXISTING REINFORCING STEEL SHALL BE RETAINED AND EXTENDED INTO THE NEW CONSTRUCTION AS INDICATED ON THE PLANS.

2. EXISTING REINFORCEMENT SHALL BE CUT TO THE REQUIRED BAR EXTENSION.

3. THE REMAINING CONCRETE MAY BE REMOVED BY ANY SUITABLE METHOD UPON APPROVAL OF THE ENGINEER, WHO SHALL BE THE SOLE JUDGE OF THE USE OF ANY CONCRETE REMOVAL EQUIPMENT. EXPLOSIVES, WRECKING BALL, OR OTHER SIMILAR DEVICES, WHICH ARE LIKELY TO DAMAGE THE CONCRETE TO BE LEFT IN PLACE, SHALL NOT BE USED.

4. ALL PROPOSED IMPROVEMENTS NOT TO BE MAINTAINED BY LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS (LADWP) AND COUNTY FLOOD CONTROL DISTRICT.

5. LATERALS WILL BE CONSTRUCTED WITH A 1% FALL TO THE SHOTCRETE BASIN.

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