STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ADJACENT TO
STATE HIGHWAY
IN LOS ANGELES COUNTY
AT VARIOUS LOCATIONS

To be supplemented by Standard Plans dated July, 1997

LOCATION OF CONSTRUCTION

<table>
<thead>
<tr>
<th>LOC</th>
<th>ROUTE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
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<td>ALAMEDA MAINTENANCE STATION</td>
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<td>2</td>
<td>80</td>
<td>EASTERN REGIONAL MAINTENANCE YARD</td>
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<td>FOOTHILL MAINTENANCE STATION</td>
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<tr>
<td>4</td>
<td>105</td>
<td>TERMINATION PARK AND RIDE</td>
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<tr>
<td>5</td>
<td>2/0</td>
<td>VIA VERO PARK AND RIDE</td>
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<tr>
<td>6</td>
<td>105</td>
<td>LAXWOOD PARK AND RIDE</td>
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The Contractor shall possess the Class (or Classes) of License as specified in the "Notice to Contractor".

AS BUILT

By: SEP 6, 2000

DATE

Project Engineer: Done
Registered Civil Engineer

Contract No.
SEDITION BASIN AND FILTER BASIN

DRAINAGE SYSTEM NO 2

SCALE: 1"=50'

BASE DIMENSIONS

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<tr>
<th>SITE</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
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NOTES:

*111* INVERT ELEV., HIGH POINT IN SED BASIN

AS BUILT

DATE: MAY 26, 2000

DRAINAGE DETAILS
NOTES:
1. SEE DRAINAGE PROFILE DRAWINGS FOR ELEVATIONS.
2. THE SURFACE OF THE GRAVEL IS TO BE COVERED WITH A "DUNGER BOM" FABRIC MATERIAL (XAMCO 4551).
3. SITE 5, 3 HOLEs AT FLOOR LEVEL.
4. PROVIDE 90mm DEEP V-NOTES EVERY 3 FEET.

AS BUILT

By

DATE

MAY 28, 2000

DRAINAGE DETAILS

D-22
ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

CONCRETE

C7 APPLICABLE CODE

C8 REINFORCING STEEL DETAILS
ALL REINFORCING STEEL AND THE ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, SHALL BE IN ACCORDANCE WITH MANUAL OF STANDARD PRACTICES FOR THE DESIGN AND EXECUTION OF CONCRETE STRUCTURES (ACI-318), LATEST EDITION.

C9 REINFORCING STEEL
A. CONCRETE C60 @ 8' PER WRT WITH ULTIMATE COMpressive STRESS AT 28 DAYS.
B. REINFORCING STEEL
LA60 MASON, GRADE 400, STEEL BARS

C4 CONCRETE COVER
CONCRETE COVER FOR REINFORCING BARS SHALL BE 100MM FOR COLUMNS, 150MM FOR SLABS, 125MM FOR FLOORS AND WALLS, COLUMNS, ETC.

C5 EXTRA ACCESSORY BARS
IN ADDITION TO NORMAL ACCESSORY BARS USED TO HOLD REINFORCING STEEL, FORMS IN POSITION, EXTRAVAGANTY BARS SHALL BE USED AS FOLLOWING:
A. IN SLABS 1/2" STEEL BAR AT 3000MM MAXIMUM TO SUPPORT TOP REINFORCING STEEL.
B. IN WALS WITH TWO STAIRS 1200MM OR 2 STEEL SPACERS AT 1800MM SPACING.

C6 BAR SPACERS
COMPLICATIONS OF THE SAME SIZE AND SPACING AS BARS WITH WHICH THEY ARE LAPPED UNLESS DETERMINED TO BE LAPPED WITHOUT SPACING.

C7 STEEL JOISTS
CLASS ENGLISH IN RIGHT ANGLE BENDS OR HOES SHALL CONFORM TO THE REQUIREMENTS OF ACI-318.

C8 SLIDING GLASS
GLASS-TO-Glass WITH TOPS THAT ARE SLIDED SHALL HAVE BOTTOMS SLIDED THE SAME AMOUNT, MAINTAINING A UNIFORM GLASS THICKNESS, UNLESS OTHERWISE SHOWN.

C9 GLASS SUPPORTED SLABS
CONCRETE SLABS SUPPORTED BY GLASS, UNLESS OTHERWISE NOTED, SHALL BE 125MM THICK REINFORCED WITH HSS @ 400MM SPACING.

STEEL

50 APPLICABLE CODE
STEEL CONSTRUCTION SHALL CONFORM TO SPECIFICATIONS AND STANDARDS PRESENTED IN THE 1995 EDITION OF THE AISC MANUAL OF STEEL CONSTRUCTION.

52 MATERIAL
ALL STRUCTURAL SHAPES, BARS, PLATES AND SHEETS INDICATED ON THE DRAWINGS SHALL BE STEEL, MEETING ASTM A-992, UNLESS OTHERWISE NOTED.

53 WELDING
WELDING shall BE CONFORM TO THE CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. WELDER shall BE CERTIFIED.

54 ENCased STEEL
STEEL CONCRETE ENCASED IN CONCRETE shall NOT BE CAPABLE OF PULLING AND shall HAVE A CLEAN SURFACE FOR Bonding TO CONCRETE.

55 GRATING
STRUCTURAL STEEL shall BE PAINTED IN ACCORDANCE WITH SPECIFICATIONS.

ALUMINUM

A1 APPLICABLE CODE
ALUMINUM CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE ALUMINUM CONSTRUCTION MANUAL OF THE ALUMINUM ASSOCIATION.

A2 MATERIAL
ALUMINUM INDUSTRIAL ALUMINUM SHEET shall BE ALLOY 6061-T6 AS SPECIFIED IN ASTM B-209.

A3 ALUMINUM IN CONTACT WITH CONCRETE
CONTACT SURFACES shall BE COVERED WITH HEAVY ALUMINUM RESISTANT SHEET/PLATE IN CONTACT WITH CONCRETE.

AS BUILT

By
MAY 26, 2006
DATE

STRUCTURAL GENERAL NOTES

D-27
NOTES:
1. ALL 90° BENDS SHALL BE STANDARD HOOKS PER ACI 318 UNLESS OTHERWISE SPECIFIED.
2. SEE OTHER DETAILS AND NOTES FOR SIZING AND SPACING OF REINFORCING.
3. LAP AND HOOK FOOTING BARS AT CORNERS AND INTERSECTIONS SAME AS FOR WALLS
   EXCEPT THAT ADDED VERTICAL AT CORNERS AND INTERSECTIONS ARE NOT REQUIRED.

REINFORCING STEEL AT WALL INTERSECTIONS

DETAIL - NO SCALE

TYPICAL CONSTRUCTION JOINTS IN WALLS

TYPICAL CONSTRUCTION JOINTS

DETAIL - NO SCALE
LEGEND

- STANCHION MOUNTED JUNCTION BOX, WEATHERPROOF
- STANCHION MOUNTED DUPLEX RECEPTACLE OUTLET, WEATHERPROOF
- EXISTING SWITCHBOARD/PANELBOARD AND CABINET

E: EXISTING ELECTRICAL EQUIPMENT

- - - - CROSS LINES INDICATES NUMBER OF *1/2 AND 1/2" ARMS, UNLESS OTHERWISE NOTED, ALL ARMS MUST BE "THREADED" AS INDICATED

P-1,3 HOMEMADE PANELBOARD CIRCUIT NUMBERS AND 3

MC CONDUIT, METALLIC UNDERGROUND

--- E --- EXISTING CONDUIT TO REMAIN

- STANCHION MOUNTED MOTOR STARTER FOR THE EFFLUENT PUMP, WEATHERPROOF

O EFFLUENT PUMP MOTOR WITH FLOAT SWITCH

NOTES:

1. TYPE III-I HF SERVICE EQUIPMENT ENCLOSURE WITH MANHOLE 12" DIAMETER, 12" DEEP AND 12" DEEP CENTER LINE TO CENTER LINE WITH 200-250/60 3-PHASE 208Y/120V, 1-PHASE 120V 3-PHASE PANELBOARD WITH 50A/250V BREAKERS AND 5-30A/FR 6-20A/FR BRANCH CIRCUIT BREAKERS

2. FOR CONNECTION OF INFLOW/IN FLOW SAMPLER AND FLOW METER

3. FOR CONNECTION OF EFFLUENT/OUT FLOW SAMPLER AND FLOW METER

4. EFFLUENT PUMP MOTOR (208/230V, 1-PHASE) WITH FLOAT SWITCH

5. NEW SIZE 1-1/4" 240V, 1-PHASE MOTOR STARTER WITH H-O-A (HAND-OFF-AUTOMATIC) SWITCH FOR FLOAT CONTROL

AS BUILT

DATE MAY 26, 2000

E-9