

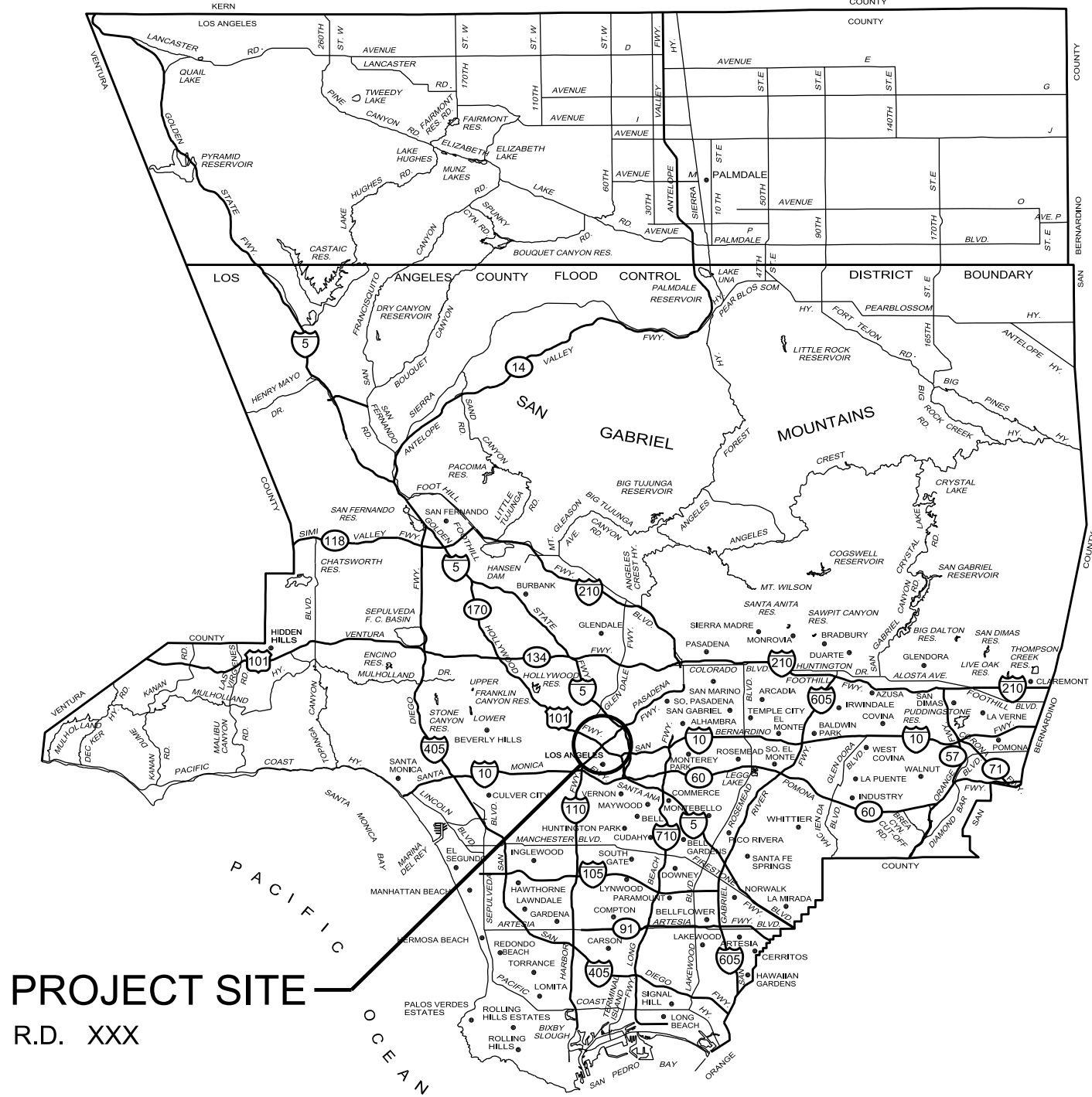
CITY OF XXXXX XXXXXXXX

MTD NO XXXX

TRACT/PARCEL MAP/CUP NO XXXXX OR ADDRESS  
EIMP XXXXXXXXXXXX

INDEX TO PROJECT DRAWINGS

SHEET NUMBER	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES, WATER QUALITY NOTES



LOCATION MAP  
NOT TO SCALE

INDEX TO STANDARD DRAWINGS

LOS ANGELES COUNTY PUBLIC WORKS

DWG. NO.	DESCRIPTION
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AMERICAN PUBLIC WORKS ASSOCIATION

STD. PLAN	TITLE
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TS-MTD-DL  
(24X36 SHEET)

KEY MAP  
NOT TO SCALE



BENCH MARKS

BM	Elev.
XXXXXXXXXXXX	QUAD 20XX

RIPRAP NOTES

- ROCKS FOR GROUTED RIPRAP SHALL BE GOOD QUALITY BROKEN CONCRETE AND/OR RIVER RUN ROCK. THE SMALLEST DIMENSIONS SHALL EXCEED 6 INCHES AND THE LARGEST DIMENSION SHALL NOT EXCEED 24 INCHES. THE LARGEST DIMENSION SHALL NOT EXCEED 4 TIMES THE SMALLEST DIMENSION.
- THERE SHALL BE A GROUT BED OF AT LEAST 2 INCHES BENEATH THE FIRST LAYER OF ROCKS. ALL THE VOIDS BETWEEN THE ROCKS SHALL BE FILLED WITH GROUT. MAXIMUM SPACING BETWEEN ROCKS SHALL BE 2 INCHES.
- SURFACE ROCKS SHALL BE IMBEDDED FROM 1/2 TO 2/3 OF THEIR MAXIMUM DIMENSION.NOTE: CONCRETE MAY BE SUBSTITUTED FOR GROUT.

PRIVATE ENGINEERS NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE DUEPRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR SHOWN ON THIS DRAWING.

RCE SIGNATURE

DATE

APPROVED  
BY \_\_\_\_\_  
CITY ENGINEER DATE

NO.	REVISIONS	REVISED BY	APPROVED BY	DATE



PROJECT ENGINEER DATE

STORM DRAIN PLANS IN  
TRACK NO. XXXXX M.T.D. NO. XXXX  
LOS ANGELES COUNTY PUBLIC WORKS

COMPANY NAME & ADDRESS

EIMP XXXXXXXXXXXX TRACK NO. XXXX DDNO XXXX SHEET 1 OF XX

# STORMWATER POLLUTION CONTROL REQUIREMENTS FOR ROAD CONSTRUCTION

## HYDRAULIC ELEMENTS

- ### A. NOTES

1. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.
2. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
4. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
5. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
6. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE/ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
8. ANY SLOPES WITH DISTURBED SOILS OR DENUDE OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
9. THE FOLLOWING BMPs AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CALIFORNIA BMP HANDBOOK (CONSTRUCTION) OR CALTRANS STORMWATER QUALITY HANDBOOKS (CONSTRUCTION SITE BMP MANUAL), MAY APPLY DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER OR THE BUILDING OFFICIAL):

## EROSION CONTROL

- EC1 SCHEDULING
- EC2 PRESERVATION OF EXISTING VEGETATION
- EC3 HYDRAULIC MULCH
- EC4 HYDROSEEDING
- EC5 SOIL BINDERS
- EC6 STRAW MULCH
- EC7 GEOTEXTILES & MATS
- EC8 WOOD MULCHING
- EC9 EARTH DIKES AND DRAINAGE SWALES
- EC10 VELOCITY DISSIPATION DEVICES
- EC11 SLOPE DRAINS
- EC12 STREAMBANK STABILIZATION
- EC13 RESERVED
- EC14 COMPOST BLANKETS
- EC15 SOIL PREPARATION/ROUGHENING
- EC16 NON-VEGETATED STABILIZATION

## TEMPORARY SEDIMENT CONTROL

SE1	SILT FENCE
SE2	SEDIMENT BASIN
SE3	SEDIMRNT TRAP
SE4	CHECK DAM
SE5	FIBER ROLLS

SE7 STREET SWEEPING AND VACUUMING  
SE8 SANDBAG BARRIER  
SE9 STRAW BALE BARRIER  
SE10 STORM DRAIN INLET PROTECTION  
SE11 ACTIVE TREATMENT SYSTEMS  
SE12 TEMPORARY SILT DIKE  
SE13 COMPOST SOCKS & BERMS  
SE14 BIOFILTER BAGS

## WIND EROSION CONTROL

WE1 WIND EROSION CONTROL

### CATCH BASIN STENCIL DETAIL

ALL CATCH BASINS AND INLETS THAT DISCHARGE INTO AN EXISTING OR PROPOSED STORM DRAIN MUST BE STENCILED TO DISCOURAGE ILLEGAL DUMPING OF POLLUTANTS. THIS STENCIL SHALL HAVE A MINIMUM DIAMETER OF 30 INCHES.



TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT  
TC2 STABILIZED CONSTRUCTION ROADWAY  
TC3 ENTRANCE/OUTLET TIRE WASH

## NON-STORMWATER MANAGEMENT

- NS1 WATER CONSERVATION PRACTICES
- NS2 DEWATERING OPERATIONS
- NS3 PAVING AND GRINDING OPERATIONS
- NS4 TEMPORARY STREAM CROSSING
- NS5 CLEAR WATER DIVERSION
- NS6 ILLICIT CONNECTION/DISCHARGE
- NS7 POTABLE WATER/IRRIGATION
- NS8 VEHICLE AND EQUIPMENT CLEANING
- NS9 VEHICLE AND EQUIPMENT FUELING
- NS10 VEHICLE AND EQUIPMENT MAINTENANCE
- NS11 PILE DRIVING OPERATIONS
- NS12 CONCRETE CURING
- NS13 CONCRETE FINISHING
- NS14 MATERIAL AND EQUIPMENT USE
- NS15 DEMOLITION ADJACENT TO WATER
- NS16 TEMPORARY BATCH PLANTS

## WASTE MANAGEMENT & MATERIAL POLLUTION CONTROL

WM1	MATERIAL DELIVERY AND STORAGE
WM2	MATERIAL USE
WM3	STOCKPILE MANAGEMENT
WM4	SPILL PREVENTION AND CONTROL
WM5	SOLID WASTE MANAGEMENT
WM6	HAZARDOUS WASTE MANAGEMENT
WM7	CONTAMINATION SOIL MANAGEMENT
WM8	CONCRETE WASTE MANAGEMENT
WM9	SANITARY/SEPTIC WASTE MANAGEMENT
WM10	LIQUID WASTE MANAGEMENT

\* ADD AN ADDITIONAL 1/2" OF CONCRETE OVER THE INVERT STEEL WHEN VELOCITIES ARE > 20 FPS

\*\* ADD AN ADDITIONAL 1" OF CONCRETE OVER THE INVERT STEEL WHEN VELOCITIES ARE > 30 FPS

\*\*\* ALL AN ADDITIONAL 1/2" OF CONCRETE OVER THE INVERT STEEL FOR

TOTAL SQ. FT. OF EASEMENT  
ACQUIRED = XXXX SQ. FT.

PROJECT ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

GENERAL NOTES AND HYDRAULIC ELEMENTS  
STORM DRAIN PLANS MTD. NO. XXXXX

LOS ANGELES COUNTY PUBLIC WORKS

## COMPANY NAME & ADDRESS

EIMP XXXXXXXXXX	PH XXXXXXXX	DDNO. XXXXXXXX	SHEET 1 OF XX
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PS-MTD-DL  
(24X36 SHEET)

REVIEWED

BY \_\_\_\_\_ DATE \_\_\_\_\_

CITY ENGINEER

NO.	REVISIONS	REVISED BY	APPROVED BY	DATE

REGISTERED PROFESSIONAL ENGINEER

ENGINEER'S NAME

C XXXXX

CIVIL

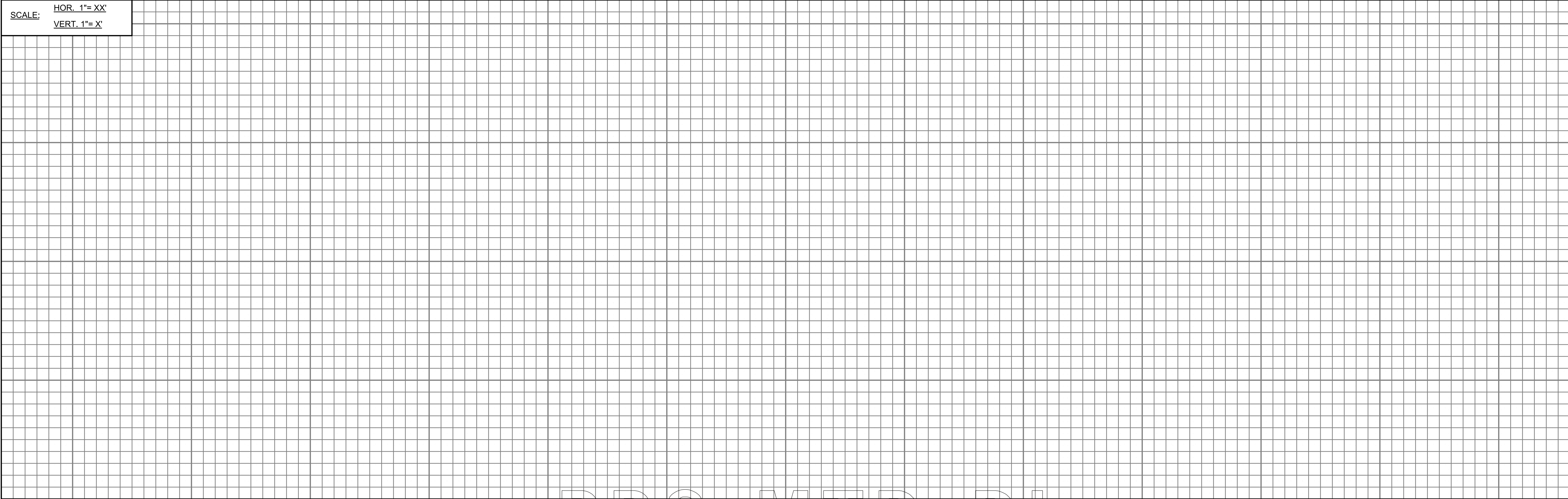
STATE OF CALIFORNIA

PROJECT ENGINEER

DATE

SHEET DESCRIPTION			
STORM DRAIN PLAN		M.T.D. NO XXXXX	
LOS ANGELES COUNTY PUBLIC WORKS			
COMPANY NAME & ADDRESS			
EIMP XXXXXXXXXXXX	TRACT NO. XXXXX	DDNO. XXXXXXXX	SHEET 1 OF XX

SCALE:    HOR. 1"= XX'  
             VERT. 1"= X'



PPS-MTD-DL  
(24X36 SHEET)

REVIEWED

BY \_\_\_\_\_ DATE \_\_\_\_\_

CITY ENGINEER

NO.	REVISIONS	REVISED BY	APPROVED BY	DATE

PROJECT ENGINEER

DATE

STA. XX+XX TO STA. XX +XX  
STORM DRAIN PLAN                      M.T.D. NO. XXXXX  
LOS ANGELES COUNTY PUBLIC WORKS

COMPANY NAME & ADDRESS

EIMP XXXXXXXXX    TRACT NO. XXXX    DDNO.XXXXXXX    SHEET 1 OF XX