



ENCROACHMENT PERMIT
Storm Drain Connection
 City of Riverside - Public Works Dept.
 951-826-5341

Issuance of this permit shall not be construed as a waiver of any other applicable permit or requirement, and is only revocable permission to use the land for the purpose described.

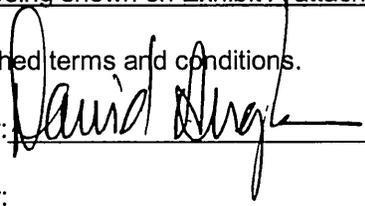
Owner: PANATTONI DEVELOPMENT
Location: 6335 SYCAMORE CANYON BL RIVE
A.P.N.:

Encroachment: Connect Private Storm Drain to City System

The above-described encroachment being shown on Exhibit A attached hereto.

Upon issuance of this permit, I agree to comply with the attached terms and conditions.

Date: 4/28/08

By: 

Date: _____

By: _____

Applicant
 PANATTONI CONSTRUCTION, INC
 8745 FOLSON BLVD #150
 SACRAMENTO, CA 95826
 916 340-2400

Contractor/Developer

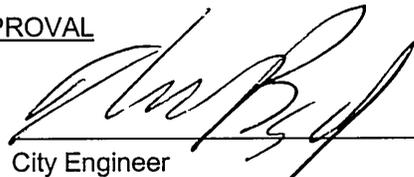
ENCROACHMENT PERMIT APPROVAL

This permit has been reviewed and approved by the Departments listed below provided the attached terms and conditions are adhered to:

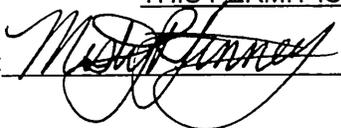
- P/W ENGINEERING
- P/W TRAFFIC
- P/U WATER

FINAL APPROVAL

Date: 4/24/08


 City Engineer

THIS PERMIT IS NOT VALID UNTIL ISSUED AND POSTED IN CITY RECORDS

Issued by: 

Dated: 4/28/08



City of Riverside

The following are requirements that need to be met for your permit #PW08-0257 .

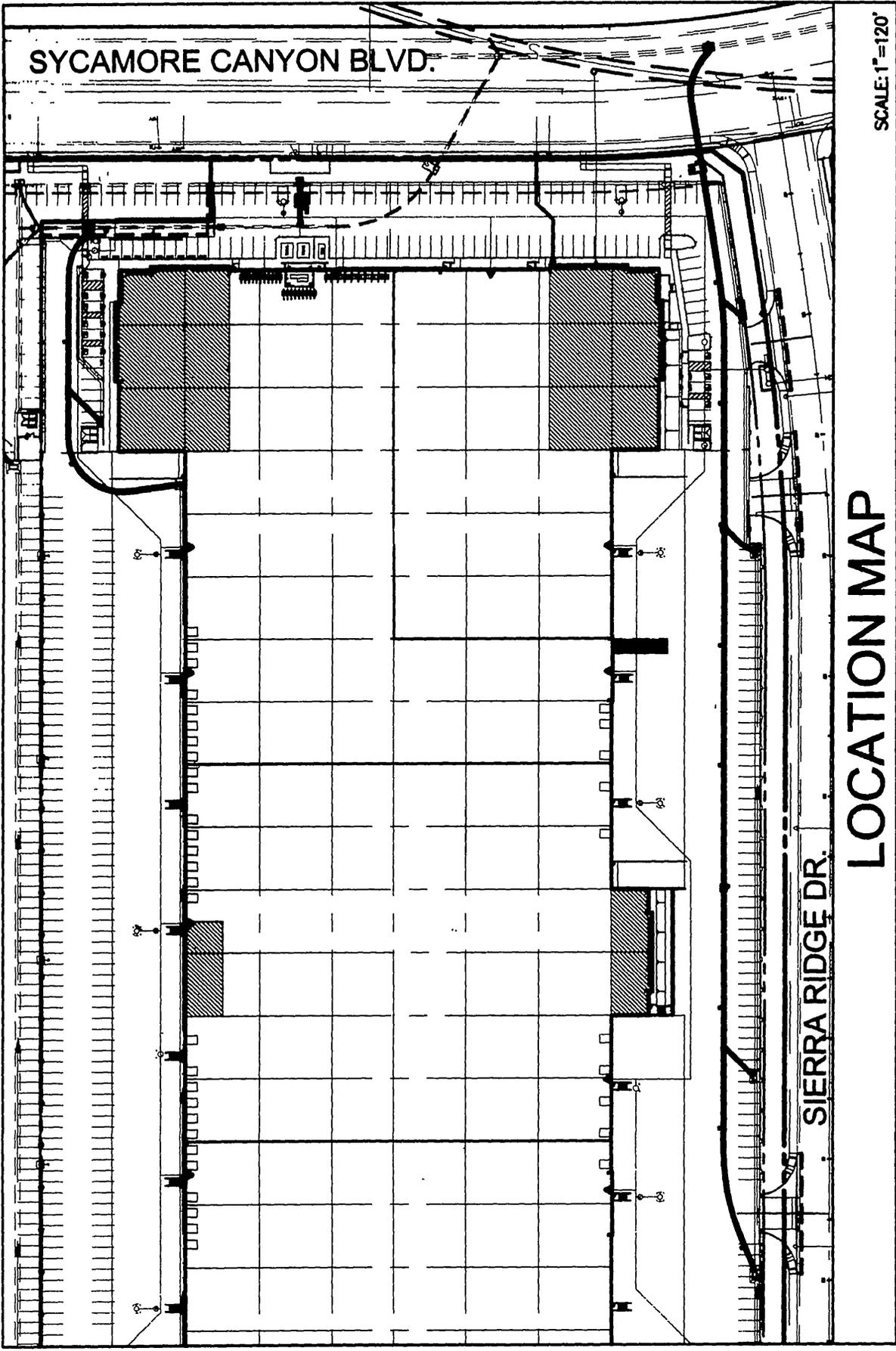
- 1: Permittee acknowledges that the area of encroachment is owned or controlled by the City of Riverside.
- 2: Permittee acknowledges that the described property could be needed for a proposed or planned public improvement and the City may revoke this permit. Upon written notice of revocation, the permittee shall, within the time prescribed by the City, remove all improvements placed, constructed or maintained. If the permittee fails to abide by the removal order of the City, the City shall have the right to remove and destroy the improvements without reimbursement to the permittee. The cost of such removal shall be paid by the permittee to the City and shall constitute a debt owed to the City.
- 3: Permittee waives the right of claim, loss, damage or action against the City resulting from revocation, termination, removal of improvements or any action of the City, its officers, agents or employees taken in accordance with the terms herein.
- 4: If the Public Works Director of the City of Riverside finds that the permittee is in default of the terms of this permit, that shall be cause for revocation.
- 5: Permittee herewith agrees to hold the City of Riverside harmless from and against all claims demands, costs, losses, damages, injuries, actions for damages and/or injuries, and liability in connection with the construction, encroachment, and/or maintenance to be done by permittee within the described property.
- 6: Prior to any construction taking place on City controlled property, permittee shall obtain a Construction Permit or Street Opening Permit from the City Public Works Department.
- 7: The permittee agrees to insure that construction of their improvements will not interfere in any way with any existing City or utility facilities.
- 8: Permittee acknowledges that existing city or utility facilities will require future maintenance, reconstruction, and revisions and that facilities may be added, any of which may result in removal or alteration of the permittee's improvements without reimbursement to the permittee.
- 9: Prior to construction, permittee shall contact Underground Service Alert to field locate existing utility lines. Any conflicts discovered will void the permit until acceptable revisions are made. It shall be Permittee's responsibility to determine the location and required clearances from all public and private utility, sewer and drainage facilities prior to drilling and shall only drill in compliance with such clearance requirements.
- 10: All on-site catch basins and inlets must have a properly installed and maintained drainage water filtration system to Public Works Specifications.
- 11: Permittee acknowledges that there are existing public works and public utility facilities that may interfere with the proposed improvement. All existing utilities, sewers and storm drains must be field located (pot-holed) prior to installation of the proposed facilities.
- 12: Permittee acknowledges that all maintenance of the drain line between its connection with the line in the street and the right of way line is the responsibility of the permittee.

E08-0257

SIERRA RIDGE DR.

25

26



LOCATION MAP

SCALE: 1"=120'



SCALE: 1"=120'

E08-0257

CONSTRUCTION NOTES: O

- 1 INSTALL 3" THK. A.C PAVING OVER 5" THK. COMPACTED CRUSHED MISC. BASE PER PAVEMENT DESIGN SPECIFICATIONS PROVIDED IN SOILS REPORT.
- 2 INSTALL 4" THK. A.C PAVING OVER 7" THK. COMPACTED CRUSHED MISC. BASE PER PAVEMENT DESIGN SPECIFICATIONS PROVIDED IN SOILS REPORT.
- 3 INSTALL 6" THK. A.C PAVING OVER 10" THK. COMPACTED CRUSHED MISC. BASE PER PAVEMENT DESIGN SPECIFICATIONS PROVIDED IN SOILS REPORT.
- 4 INSTALL CONCRETE PAVING PER STRUCTURAL ENGINEER'S PLANS AND DESIGN SPECIFICATIONS. FINISH TO BE PER ARCHITECT'S PLANS AND DETAILS.
- 5 CONSTRUCT 6" CURB AND GUTTER PER DETAIL "A" ON SHEET 9.
- 6 CONSTRUCT 6" CURB ONLY PER DETAIL "B" ON SHEET 9.
- 7 CONSTRUCT CONCRETE REBORN GUTTER PER DETAIL "C" ON SHEET 9.
- 8 CONSTRUCT THICKENED CONCRETE EDGE PER DETAIL "D" ON SHEET 9.
- 9 CONSTRUCT CURB CONCRETE CHANNEL PER DETAIL "E" ON SHEET 9.
- 10 ADJUST EXISTING STORM DRAIN MANHOLE TO FINISHED GRADE.
- 11 WALL DESIGN & CONSTRUCTION PER STRUCTURAL ENGINEER'S PLANS. (UNDER SEPARATE PERMIT)
- 12 WREUGHT IRON FENCE W/ RAILPOST DESIGN & CONSTRUCTION PER ARCHITECT/STRUCTURAL ENGINEER'S PLANS. (UNDER SEPARATE PERMIT)
- 13 ROOF DRAIN AND/OR SPLASH BLOCK PER PLUMBING PLAN.
- 14 TRASH ENCLOSURE OR COMPACTOR PER ARCHITECT'S PLANS.
- 15 SIDEWALKS, HANDICAP RAMPS AND/OR STAIRS PER ARCHITECT'S PLANS.
- 16 PAINT 4" WIDE WHITE PARKING STALL STRIPING.
- 17 PAINT 4" WIDE BLUE STRIPE AND ADA SYMBOLS PER ARCHITECT'S PLANS.
- 18 INSTALL HO SIGN PER ARCHITECT'S PLANS.
- 19 INSTALL WHEEL STOPS PER ARCHITECT'S PLAN.
- 20 INSTALL BOLLARD PER ARCHITECT'S PLANS.
- 21 GATES AND RELATED CONSTRUCTION PER ARCHITECT'S PLAN.
- 22 ELECTRICAL TRANSFORMER PAD PER ELECTRICAL PLAN.
- 23 INSTALL FUSIBLE FILTER AS MTD. BY KRISTAR ENTERPRISES OR APPROVED EQUAL. SEE DETAIL "F" ON SHEET 8.
- 24 INSTALL "FLOWGARD + PLUS" FILTER INSERT EQUIPPED WITH "RUBBERIZED MEDIA HYDROCARBON BOOM" OR APPROVED EQUAL.
- 25 CONSTRUCT 4" SIDEWALK CONCRETE SIDEWALK PER APPROVED SOILS REPORT. FINISH TO BE PER ARCHITECT'S PLANS AND DETAILS.
- 26 INSTALL 6" LONG RECTANGULAR DRAIN PIPE (6" PER FOOT) PER FOUNDARY SERVICES & SUPPLIES, INC. OR APPROVED EQUAL. SEE DETAIL "H" ON SHEET 8.
- 27 INSTALL HO DRIVEWAY ENTRANCE SIGN PER DETAIL "G" ON SHEET 9.

permit fee \$1005.20
K rat (with fee)
changed to ~~1005.20~~ paid under 6/12/18

\$ 2,006.40 *

ON-SITE WATER CONSTRUCTION NOTES: O

- 40 INSTALL 2" DIAMETER PVC WATERLINE (SCHEDULE 40), WITH 30" MINIMUM COVER
- 41 INSTALL 2" 90° ELL WITH CONCRETE THRUST BLOCK
- 42 INSTALL 2" TEE WITH CONCRETE THRUST BLOCK
- 43 INSTALL 4" DIAMETER PVC WATERLINE (SCHEDULE 40), WITH 30" MINIMUM COVER

ON-SITE SEWER CONSTRUCTION NOTES: O

- 50 INSTALL 4" DIAMETER MANHOLE PER CITY OF RIVERSIDE STD. DWG. 500.
- 51 INSTALL 6 INCH DIAMETER PVC, SDR-35 SEWER LINE PER CITY OF RIVERSIDE STD. DWG. 453, WITH CASE II BEDDING PER CITY OF RIVERSIDE STD. DWG. 452.
- 52 INSTALL 4 INCH DIAMETER PVC, SDR-35 SEWER LATERAL PER CITY OF RIVERSIDE STD. DWG. 453.
- 53 INSTALL 4" SEWER CLEAN-OUT PER CITY OF RIVERSIDE STD. DWG. 560.

ON-SITE STORM DRAIN CONSTRUCTION NOTES: O

- 60 INSTALL 30" RCP PIPE
- 61 INSTALL 24" RCP PIPE
- 62 INSTALL 18" RCP PIPE
- 63 CONSTRUCT JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD. DWG. 421.
- 64 INSTALL 24" X 36" GRATE DRAIN INLET MANUFACTURED BY JENSEN PRECAST MODEL NO. DI 2436
- 65 CONSTRUCT DRAINAGE INLET PER APWA STD. DWG. NO. 305-2 (NO OF GRATES = 2). "V" AS NOTED ON PLAN.
- 66 CONSTRUCT MANHOLE EZ PER CITY OF RIVERSIDE STD. DWG. 431.
- 67 CONSTRUCT MANHOLE JM PER CITY OF RIVERSIDE STD. DWG. 432. SEE MANHOLE JM TABLE FOR DATA.
- 68 CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. 405, "W" & "V" AS NOTED ON PLAN.
- 69 INSTALL 6' X 12' STORM SCREEN PER STORMWATER MANAGEMENT INC. DETAIL "E" ON SHEET 8.
- 70 INSTALL 18" HOPE PIPE SMOOTH WALLED WITH WATER TIGHT JOINTS.

OF RIVERSIDE

IN THE CITY OF RIVERSIDE,
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
DW 07-0538

WDID# 833C339438

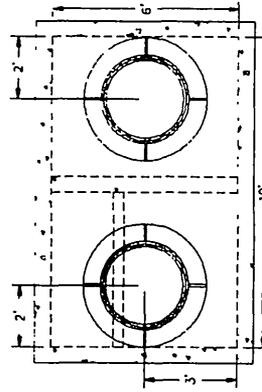
PW 07-0538

JOB NO.

07-036

- GENERAL NOTES**
- 1) STORMSCREEN BY CONTECH STORMWATER SOLUTIONS, PORTLAND, OREGON 800/548-4667
 - 2) PRECAST CONCRETE VAULT TO BE CONSTRUCTED IN ACCORDANCE WITH ASTM C857 AND CBS8
 - 3) INLET AND OUTLET PIPING TO BE SPECIFIED BY ENGINEER AND PROVIDED BY CONTRACTOR. THE MAXIMUM INLET PIPE DIAMETER IS 24".
 - 4) PRECAST STORMSCREEN EQUIPPED WITH EITHER CURED GRENUS OR KNOCKOUTS AT INLET/OUTLET LOCATION
 - 5) ANTI FLUTATION BALLAST TO BE SPECIFIED BY ENGINEER. BALLAST TO BE SET ALONG ENTIRE LENGTH OF BOTH SIDES OF VAULT. BALLAST MATERIALS TO BE PROVIDED BY CONTRACTOR
 - 6) CONTRACTOR TO ADJUST WEIR TO DESIGN ELEVATION WHEN SETTING SCREWS ON WEIR PLATE. DO NOT EXCEED 5.0 FT-LBS TORQUE. SEAL WEIR WITH SILICONE SEALANT AFTER FINAL ADJUSTMENT
 - 7) ALL STORMSCREENS REQUIRE REGULAR MAINTENANCE. REFER TO OPERATION AND MAINTENANCE GUIDELINES FOR DETAILS
 - 8) DETAIL REFLECTS DESIGN INTENT ONLY. ACTUAL VAULT DIMENSIONS AND CONFIGURATION WILL BE SHOWN ON THE PRODUCTION SHOP DRAWING

STORMSCREEN DATA	
WATER QUALITY FLOW RATE (CFS)	1.90
NO. OF SCREEN CARTRIDGES	4
PEAK FLOW RATE (CFS)	28.0
INLET PIPE #1	16.00" RCP
INLET PIPE #2	14.50" RCP
OUTLET PIPE	14.50" RCP
CONFIGURATION & RIM ELEVATION(S) (SELECT ONE)	3' x 3' x 29.00'



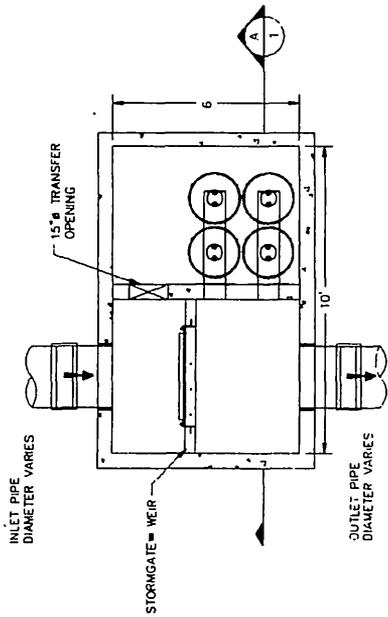
6' x 10' STORMSCREEN - TOP VIEW
SCALE: N.T.S.

CONTECH STORMWATER SOLUTIONS

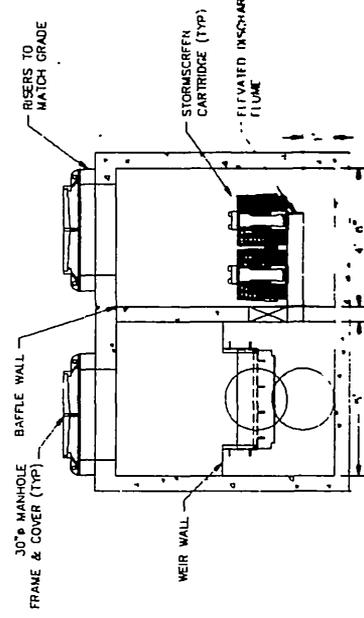
6' x 10' STORMSCREEN STANDARD DETAIL

NOTES, SITE DATA & TOP VIEW

DESIGNED BY: JML DRAWN BY: JML DATE: 08/14/07 PROJECT NO: 28288 DRAINAGE FILE NAME: SS_S&A-10.DWG



6' x 10' STORMSCREEN - PLAN VIEW
SCALE: N.T.S.



6' x 10' STORMSCREEN - SECTION VIEW (A-A)
SCALE: N.T.S.

CONTECH STORMWATER SOLUTIONS

6' x 10' STORMSCREEN STANDARD DETAIL

PLAN & SECTION VIEW

DESIGNED BY: JML DRAWN BY: JML DATE: 08/14/07 PROJECT NO: 28288 DRAINAGE FILE NAME: SS_S&A-10.DWG

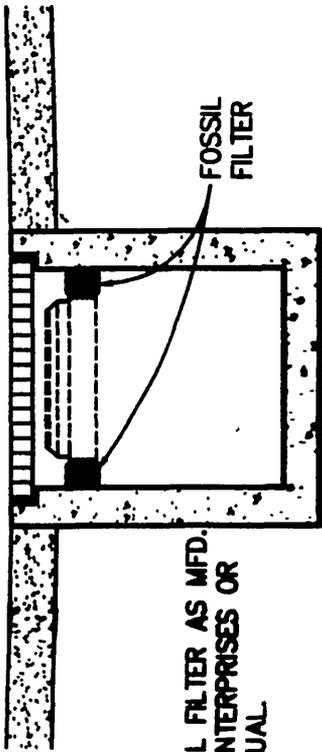
DETAIL

N.T.S.

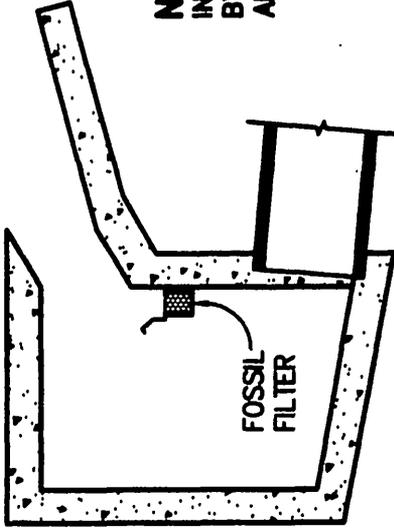
E

E08-0257

SECTION



NOTE:
INSTALL FOSSIL FILTER AS MFD.
BY KRISTAR ENTERPRISES OR
APPROVED EQUAL.



NOTE:
INSTALL FOSSIL FILTER AS MFD.
BY KRISTAR ENTERPRISES OR
APPROVED EQUAL.

DETAIL

N.T.S.

F

DETAIL

N.T.S.

G