



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: DARRELL A. BUTLER & KHOSRO KHALOGLHI
Location: 6150 SYCAMORE CANYON BLVD. RIVERSIDE, CA
A.P.N.: 263-020-053

Encroachment: 30" RCP STORM DRAIN CONNECTION INTO AN EXISTING CATCH BASIN WITHIN BOX SPRINGS BLVD.

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: 2/18/15

By: 

Date: _____

By: _____

Applicant

Contractor/Developer

ALBERT A. WEBB ASSOCIATES
 3788 MCCRAY STREET
 RIVERSIDE, CA 92506

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
- P/U ELECTRIC

FINAL APPROVAL

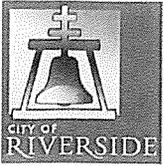
Date: 2/25/2015


 City Engineer

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

Issued by: 

Dated: 3/4/15



City of Riverside

The following are requirements that need to be met for your permit #PW14-0339.

- 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 Permittee is required to obtain all necessary permits and approvals from all City Departments and/or Agencies, City or otherwise, prior to constructing the improvements specified in this Encroachment Permit and to comply with all codes, laws, ordinances and regulations.

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- 11 All on-site catch basins and inlets must have a properly installed and maintained drainage water filtration system to Public Works Specifications.
- 12 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.
- 13 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.

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Area of Encroachment for Storm Drain connection.

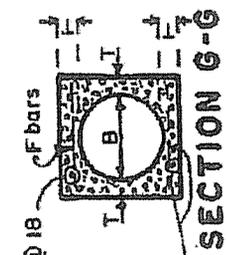


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NOTES

1. Values for A, B, C, Elev. P, and Elev. S are shown on Project Drawings. Table of Values for T shown on this plan.
2. Stations specified on drawings apply at the intersection of center lines of main line and laterals, except that stations for catch basin connector pipe apply at inside wall of structure.
3. Reinforcing steel shall be straight bars 1/2" clear from inside face of concrete unless otherwise shown.
W bars are of size and spacing specified for wall steel on plan, and shall be cut in center of opening and bent into lap and bottom of junction structure.
4. Junction structure shall be poured monolithically with main line storm drain, manhole or transition.
5. Floor of structure shall be steel-troweled to the spring line.
6. Structural Concrete shall be Class "A".
7. Embedment P shall be 5" for B = 96" or less and 6" for B over 96".
8. Backfill under structure with 1-3-5 mix concrete, or compact soil to relative density required by specifications.
Backfill may be omitted if structure is laid on undisturbed earth to storm drain well.
9. The need for an edge beam and/or additional reinforcement shall be investigated by the engineer for any one of the following conditions:
 - a. Angle A is less than 30°
 - b. Top of inlet pipe is less than 6" below the soffit
 - c. Flow line of inlet pipe is less than 7" above the floor of the RCB at the inside face.

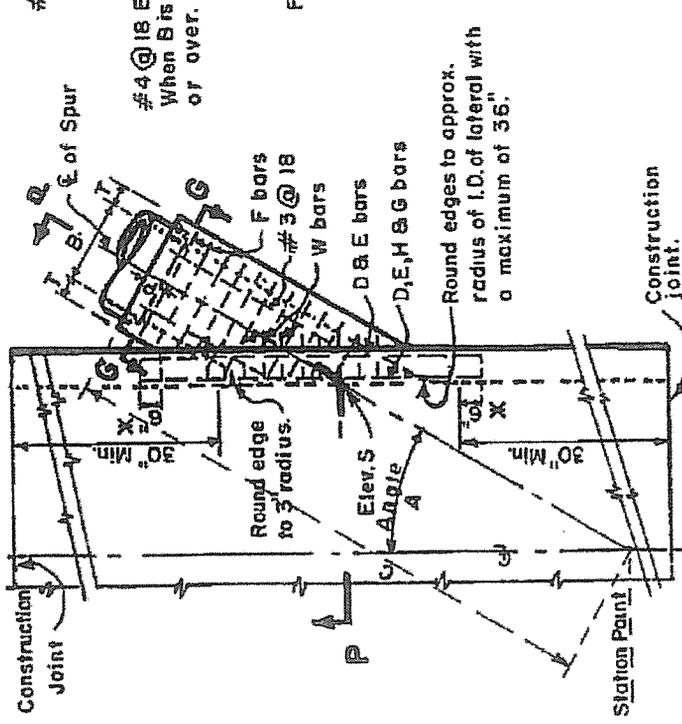
X. Limits of existing construction removal.



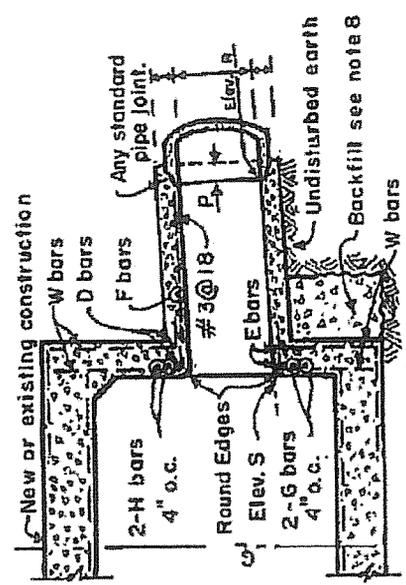
TABLE

For dimensions and bar sizes

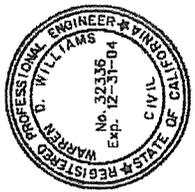
B (inches)	T (inches)	F bars	D bars	E bars	G bars	H bars
12	4	#3	#3	#3	#3	#3
15	4 1/4	#3	#3	#3	#3	#3
18	4 1/2	#3	#3	#3	#3	#3
21	5	#3	#3	#3	#3	#3
24	5 1/4	#3	#3	#3	#3	#3
27	5 1/2	#3	#3	#3	#3	#3
30	6	#3	#3	#3	#3	#3
33	6 1/4	#3	#3	#3	#3	#3
36	6 1/2	#3	#3	#3	#3	#3
39	7	#3	#3	#3	#3	#3
42	7 1/2	#3	#3	#3	#3	#3
45	7 3/4	#3	#3	#3	#3	#3
48	8	#3	#3	#3	#3	#3
51	8 1/2	#3	#3	#3	#3	#3
54	9	#3	#3	#3	#3	#3
57	9 1/4	#3	#3	#3	#3	#3
60	9 1/2	#3	#3	#3	#3	#3
63	10	#3	#3	#3	#3	#3
66	10 1/4	#3	#3	#3	#3	#3
69	10 3/4	#3	#3	#3	#3	#3
72	11	#3	#3	#3	#3	#3
78	11 1/4	#3	#3	#3	#3	#3
84	12 1/2	#3	#3	#3	#3	#3
90	13 1/4	#3	#3	#3	#3	#3
96	14	#3	#3	#3	#3	#3
102	15 1/2	#3	#3	#3	#3	#3
108	16	#3	#3	#3	#3	#3
114	16 1/2	#3	#3	#3	#3	#3
120	17	#3	#3	#3	#3	#3
126	17 1/2	#3	#3	#3	#3	#3
132	17 1/2	#3	#3	#3	#3	#3
138	17 1/2	#3	#3	#3	#3	#3
144	18	#3	#3	#3	#3	#3



PLAN



SECTION P-P



RIVERSIDE COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT
 APPROVED BY: [Signature]
 CHIEF ENGINEER
 DATE: April 5, 2004
 R.C.E. NO. 32336

JUNCTION STRUCTURE NO. 1

E14-0339