# 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:** AUBURN MANOR
**Location:** 3766 NYE AV RIVE
**A.P.N.:** 138-052-038

**Encroachment:** Connect to City Storm Drain at two locations per attached exhibits

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: 2-4-05 By: _____

Date: _____ By: _____

**Applicant**
AUBURN MANOR
4020 SIERRA COLLEGE 200
ROCKLIN CA
95677-0000

**Contractor/Developer**
WESTERN CARE CONSTRUCTION
4020 SIERRA COLLEGE BLVD #200
ROCKLIN CA
95677
916-624-6200

ENCROACHMENT PERMIT APPROVAL

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

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

FINAL APPROVAL

Date: _____

_____
Public Works Director

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

Issued by Debra Sklar Dated: 2/4/05

ENCROACHMENT PERMIT NO. PW04-0903

PSTD

# City of Riverside

The following are requirements that need to be met for your permit #**PW04-0903** .

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.

13: CONTACT VAHID BAZEL AT 951-826-5830 FOR QUESTIONS REGARDING PUBLIC UTILITIES (ELECTRIC) CONDITIONS/CORRECTIONS LISTED BELOW.

14: Locate the electric utility conduits, structures and facilities by sheduling an Undergroung Service Alert (USA) to ensure adequate separation between the electric and storm drain.

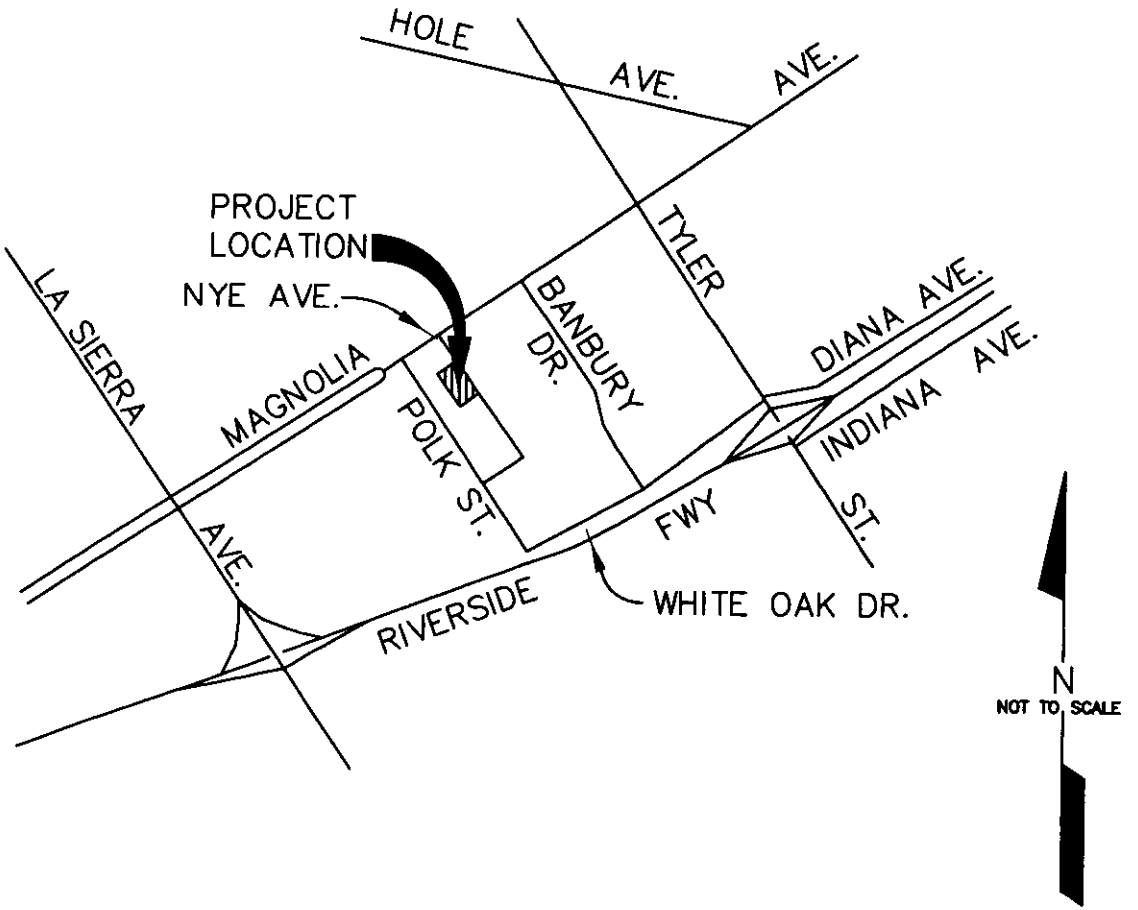
**REQUEST FOR PROCESSING**

**Developer:**
Western Care Construction
Attn: Matthew Harmon
4020 Sierra College Blvd. #200
Rocklin, CA. 95677
916-624-6200 ext. 207
916-624-6266 fax
e-mail matth@westerncare.biz

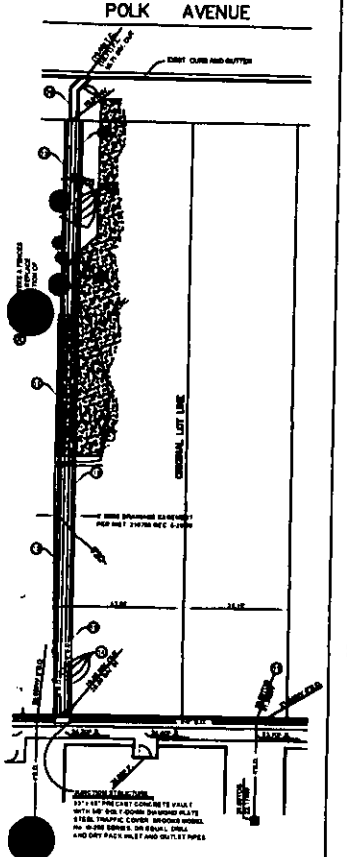
**Project Overview:**
We have a proposed 99 bed skilled nursing facility at 3766 Nye Ave. Riverside

**Encroachment Request:**
As part of our project we are requesting an encroachment permit to connect two private on onsite drainage inlets located at 3766 Nye Ave. to the city storm drain system at locations 10+09.07 and 6+24.24 along Nye Ave. The storm drain connections would be per standard construction detail 421 and is depicted in the following plans.

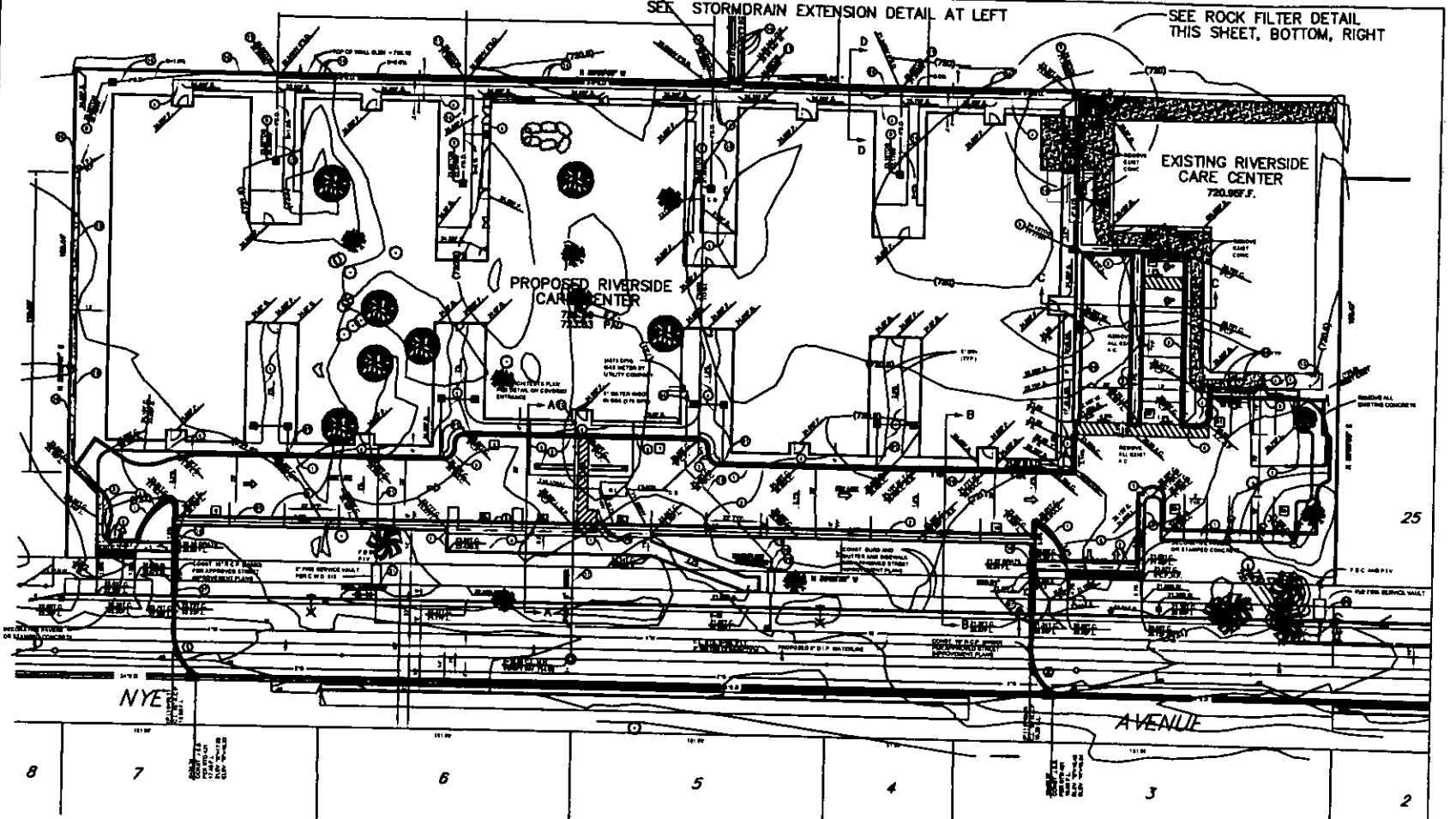
Riverside Care Center
Nye Avenue
Riverside, CA




VICINITY MAP

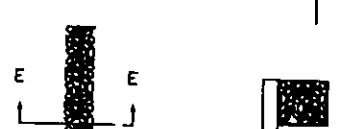



STORM DRAIN EXTENSION DETAIL




PIPE CURVE DATA

| | | | | |
|---|---|---|---|---|
| | | | | |
| | | | | |




SECTION "E-E"

ROCK FILTER DETAIL

Underground Service Alert
DIAL TOLL FREE
1-800
227-2600

CITY OF RIVERSIDE PLANNING DEPARTMENT
NO ENVIRONMENTAL REVIEW REQUIRED

APPROVED BY _____ DATE _____

BENCHMARK:
EB-03
ELEVATION: 719.817

| | | | | | | |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

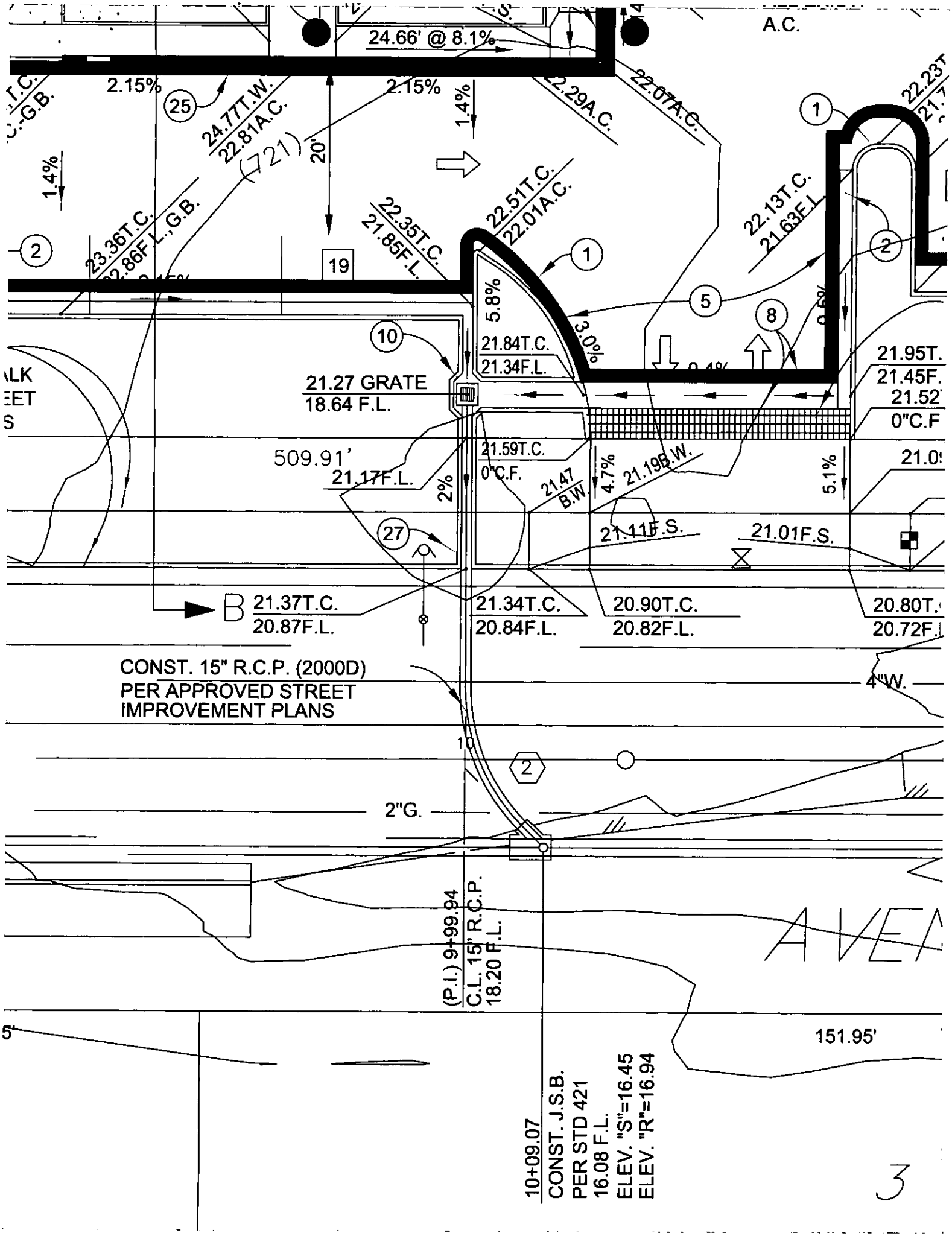
SUBMITTED BY _____

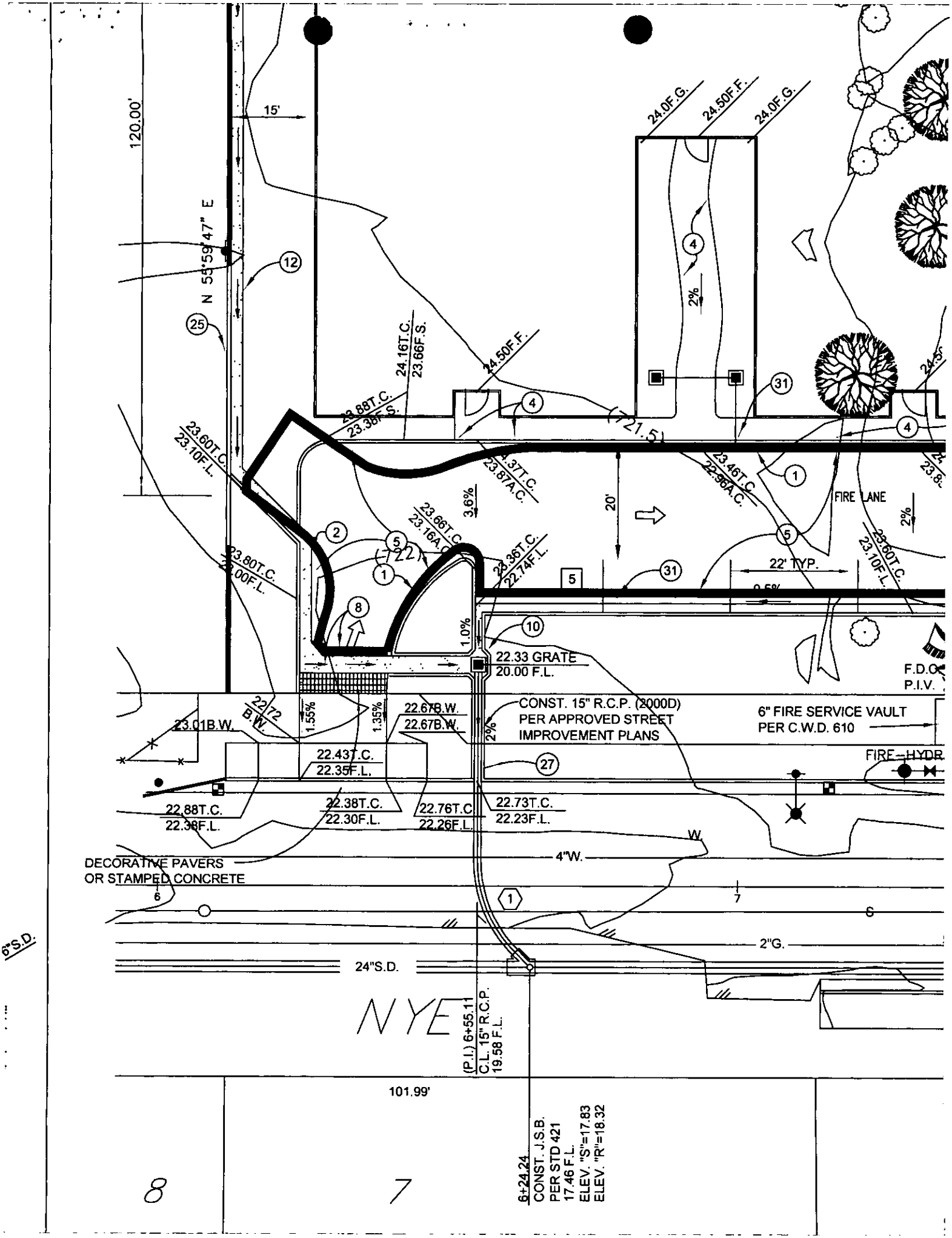
PLANS PREPARED BY
Craig A. Rowland, P.E.
17924 Lake Arthur Road
Applegate, CA 95703
PHONE (530) 878-9990

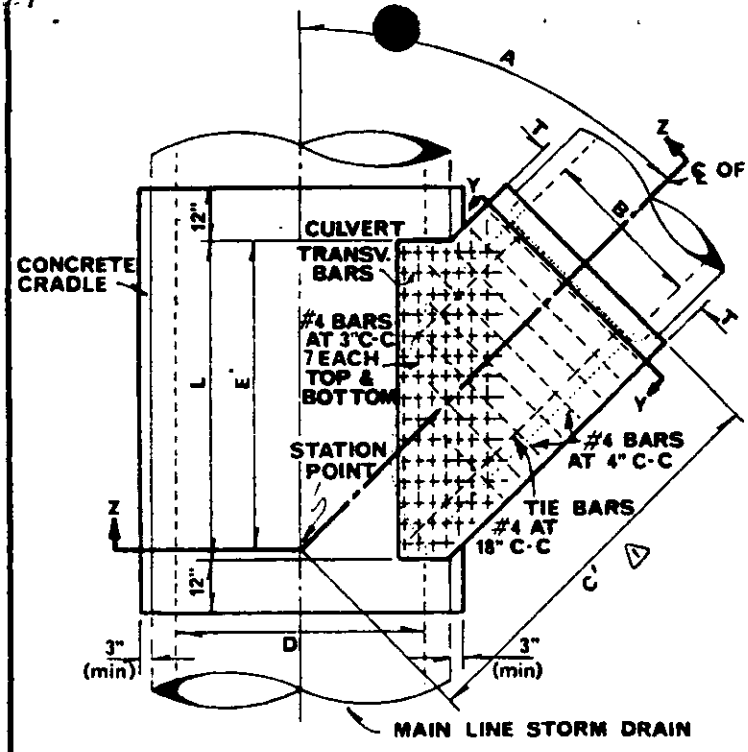
CITY OF RIVERSIDE
3788 NYE AVENUE
P04-0436 REVISED
GRADING PLAN
PRECISE GRADING AND DRAINAGE PLAN

SHEET 3 OF 5 SHEETS

PLOT DATE: 08-25-04

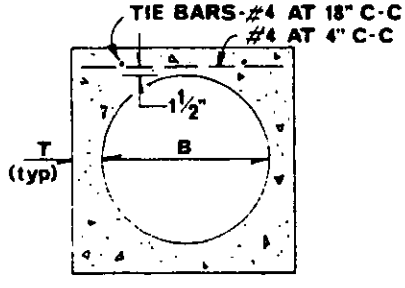

24.66' @ 8.1%
A.C.
2.15%
2.15%
25
24.77T.W.
22.81A.C.
(721)
20'
1.4%
1.4%
22.29A.C.
22.07A.C.
22.23T
1
2
23.36T.C.
2.86F.L.,G.B.
19
22.35T.C.
21.85F.L.
22.51T.C.
22.01A.C.
22.13T.C.
21.63F.L.
5
8
10
5.8%
3.0%
21.84T.C.
21.34F.L.
21.27 GRATE
18.64 F.L.
21.95T.
21.45F.
21.52
0"C.F
509.91'
21.17F.L.
21.59T.C.
0"C.F.
2%
21.47
B.W.
4.7%
21.19B.W.
5.1%
21.0
27
21.11F.S.
21.01F.S.
B
21.37T.C.
20.87F.L.
21.34T.C.
20.84F.L.
20.90T.C.
20.82F.L.
20.80T.
20.72F.
CONST. 15" R.C.P. (2000D)
PER APPROVED STREET
IMPROVEMENT PLANS
4"W.
10
2
2"G.
(P.I.) 9+99.94
C.L. 15" R.C.P.
18.20 F.L.
AVEA
5'
151.95'
10+09.07
CONST. J.S.B.
PER STD 421
16.08 F.L.
ELEV. "S"=16.45
ELEV. "R"=16.94
3


120.00'
15'
N 55°59'47" E
24.0F.G.
24.50F.F.
24.0F.G.
24.16T.C.
23.66F.S.
24.50F.F.
22.88T.C.
23.38F.S.
(121.5)
23.60T.C.
23.10F.L.
23.37T.C.
23.87A.C.
23.46T.C.
22.96A.C.
FIRE LANE
3.6%
20'
2%
23.66T.C.
23.16A.C.
(122')
23.36T.C.
22.74F.L.
22' TYP.
23.80T.C.
23.00F.L.
23.60T.C.
23.10F.L.
1.0%
22.33 GRATE
20.00 F.L.
F.D.C.
P.I.V.
CONST. 15" R.C.P. (2000D)
PER APPROVED STREET
IMPROVEMENT PLANS
6" FIRE SERVICE VAULT
PER C.W.D. 610
22.72
B.W.
23.01B.W.
1.55%
1.35%
22.67B.W.
22.67B.W.
2%
FIRE HYDR.
22.43T.C.
22.35F.L.
22.88T.C.
22.38F.L.
22.38T.C.
22.30F.L.
22.76T.C.
22.26F.L.
22.73T.C.
22.23F.L.
W.
4"W.
DECORATIVE PAVERS
OR STAMPED CONCRETE
S
2"G.
6"S.D.
24"S.D.
NYE
(P.I.) 6+55.11
C.L. 15" R.C.P.
19.58 F.L.
101.99'
6+24.24
CONST. J.S.B.
PER STD 421
17.46 F.L.
ELEV. "S"=17.83
ELEV. "R"=18.32
8
7

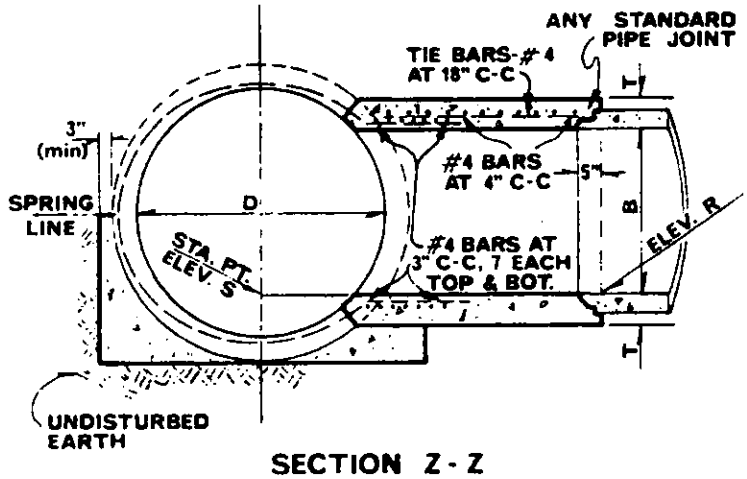



PLAN

| TABLE OF VALUES FOR T | |
|---|---|
| B | T |
| 12" | 4" |
| 15" | 4 1/4" |
| 18" | 4 1/2" |
| 21" | 5" |
| 24" | 5 1/4" |
| 27" | 5 1/2" |
| 30" | 6" |
| 33" | 6 1/4" |
| 36" | 6 1/2" |
| 39" | 7" |




SECTION Y-Y




SECTION Z-Z

## NOTES:

1. Values for A,B,C,D,E, & L, elevations R and S shown on improvement plan. (See Sheet 2 of 2.)
2. Cradle may be omitted on side opposite lateral inlet when connecting with existing storm drain pipe.
3. Transverse reinforcement in pipe shall be cut in center of opening and bent to uniform distance from top and bottom of junction structure.
4. Concrete shall be class 560 - C - 3250.
5. Reinforcing steel shall be 1.5" clear from face of concrete.
6. Floor of structure shall be steel-troweled to spring line.

APPROVED Robert C. Wilson DATE 7/19/72
PUBLIC WORKS DIRECTOR - R.C.E. 18793

| MARK | REVISIONS | APPR. DATE |
|---|---|---|
| 1 | Added Notations | |

CITY OF RIVERSIDE
PUBLIC WORKS DEPT. - ENGINEERING DIV.

# JUNCTION STRUCTURE B

STANDARD DRAWING NO. 421

Sheet 1 of 2

## STORM DRAIN MAIN

| D | | 30 | 40 | 50 | 60 | 70 | 80 |
|---|---|---|---|---|---|---|---|
| 12 | C | 2.2 | 1.8 | 1.6 | 1.5 | 1.4 | 1.3 |
| | E | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 0.1 |
| 15 | C | 2.5 | 2.0 | 1.8 | 1.6 | 1.5 | 1.5 |
| | E | 1.7 | 1.2 | 0.8 | 0.6 | 0.4 | 0.2 |
| 18 | C | 2.8 | 2.3 | 2.0 | 1.8 | 1.7 | 1.6 |
| | E | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.2 |
| 21 | C | 3.1 | 2.5 | 2.2 | 2.0 | 1.9 | 1.8 |
| | E | 2.2 | 1.5 | 1.1 | 0.7 | 0.5 | 0.2 |
| 24 | C | 3.4 | 2.7 | 2.4 | 2.2 | 2.0 | 2.0 |
| | E | 2.5 | 1.7 | 1.2 | 0.8 | 0.5 | 0.3 |
| 27 | C | 3.7 | 3.0 | 2.6 | 2.3 | 2.2 | 2.1 |
| | E | 2.7 | 1.9 | 1.3 | 0.9 | 0.6 | 0.3 |
| 30 | C | 4.0 | 3.2 | 2.8 | 2.5 | 2.4 | 2.3 |
| | E | 3.0 | 2.1 | 1.5 | 1.0 | 0.6 | 0.3 |
| 33 | C | 4.3 | 3.4 | 3.0 | 2.7 | 2.5 | 2.4 |
| | E | 3.3 | 2.3 | 1.6 | 1.1 | 0.7 | 0.3 |
| 36 | C | 4.6 | 3.7 | 3.2 | 2.9 | 2.7 | 2.6 |
| | E | 3.5 | 2.4 | 1.7 | 1.2 | 0.7 | 0.4 |
| 39 | C | 4.9 | 3.9 | 3.4 | 3.0 | 2.9 | 2.7 |
| | E | 3.8 | 2.6 | 1.9 | 1.3 | 0.8 | 0.4 |
| 42 | C | 5.3 | 4.2 | 3.6 | 3.2 | 3.0 | 2.9 |
| | E | 4.1 | 2.8 | 2.0 | 1.4 | 0.9 | 0.4 |
| 45 | C | 5.5 | 4.4 | 3.8 | 3.4 | 3.2 | 3.1 |
| | E | 4.4 | 3.0 | 2.1 | 1.5 | 0.9 | 0.4 |
| 48 | C | 5.8 | 4.6 | 4.0 | 3.6 | 3.3 | 3.2 |
| | E | 4.6 | 3.2 | 2.2 | 1.5 | 1.0 | 0.5 |
| 51 | C | 6.2 | 4.9 | 4.2 | 3.8 | 3.5 | 3.4 |
| | E | 4.9 | 3.4 | 2.4 | 1.6 | 1.0 | 0.5 |
| 54 | C | 6.5 | 5.2 | 4.4 | 4.0 | 3.7 | 3.5 |
| | E | 5.2 | 3.6 | 2.5 | 1.7 | 1.1 | 0.5 |
| 57 | C | 6.8 | 5.4 | 4.6 | 4.1 | 3.8 | 3.7 |
| | E | 5.4 | 3.7 | 2.6 | 1.8 | 1.1 | 0.6 |
| 60 | C | 7.1 | 5.6 | 4.8 | 4.3 | 4.0 | 3.8 |
| | E | 5.7 | 3.9 | 2.8 | 1.9 | 1.2 | 0.6 |
| 63 | C | 7.4 | 5.9 | 5.0 | 4.5 | 4.2 | 4.0 |
| | E | 6.0 | 4.1 | 2.9 | 2.0 | 1.3 | 0.6 |
| 66 | C | 7.7 | 6.1 | 5.2 | 4.7 | 4.3 | 4.2 |
| | E | 6.2 | 4.3 | 3.0 | 2.1 | 1.3 | 0.6 |
| 69 | C | 8.0 | 6.4 | 5.4 | 4.9 | 4.5 | 4.3 |
| | E | 6.5 | 4.5 | 3.2 | 2.2 | 1.4 | 0.7 |
| 72 | C | 8.3 | 6.6 | 5.6 | 5.0 | 4.7 | 4.5 |
| | E | 6.8 | 4.7 | 3.3 | 2.3 | 1.4 | 0.7 |
| 75 | C | 8.6 | 6.8 | 5.8 | 5.2 | 4.8 | 4.6 |
| | E | 7.0 | 4.8 | 3.4 | 2.3 | 1.5 | 0.7 |
| 78 | C | 9.0 | 7.1 | 6.0 | 5.4 | 5.0 | 4.8 |
| | E | 7.3 | 5.0 | 3.5 | 2.4 | 1.5 | 0.7 |
| 81 | C | 9.3 | 7.3 | 6.2 | 5.6 | 5.2 | 4.9 |
| | E | 7.6 | 5.2 | 3.7 | 2.5 | 1.6 | 0.8 |
| 84 | C | 9.6 | 7.6 | 6.4 | 5.7 | 5.3 | 5.1 |
| | E | 7.9 | 5.4 | 3.8 | 2.6 | 1.7 | 0.8 |
| 87 | C | 9.9 | 7.8 | 6.6 | 5.9 | 5.5 | 5.3 |
| | E | 8.1 | 5.6 | 3.9 | 2.7 | 1.7 | 0.8 |
| 90 | C | 10.2 | 8.1 | 6.8 | 6.1 | 5.7 | 5.4 |
| | E | 8.4 | 5.8 | 4.1 | 2.8 | 1.8 | 0.9 |
| 93 | C | 10.5 | 8.3 | 7.0 | 6.3 | 5.8 | 5.6 |
| | E | 8.7 | 6.0 | 4.2 | 2.9 | 1.8 | 0.9 |
| 96 | C | 10.8 | 8.5 | 7.2 | 6.5 | 6.0 | 5.7 |
| | E | 8.9 | 6.2 | 4.3 | 3.0 | 1.9 | 0.9 |

## STORM DRAIN LATERAL

| D | | 30 | 40 | 50 | 60 | 70 | 80 |
|---|---|---|---|---|---|---|---|
| 12 | C | 1.4 | 1.0 | 0.7 | 0.5 | 0.3 | 0.1 |
| | E | 1.7 | 1.3 | 1.1 | 1.0 | 0.9 | 0.8 |
| | L | 3.5 | 2.6 | 2.2 | 1.9 | 1.8 | 1.7 |
| 15 | C | 1.7 | 1.2 | 0.8 | 0.6 | 0.4 | 0.2 |
| | E | 2.0 | 1.5 | 1.3 | 1.1 | 1.0 | 1.0 |
| | L | 3.9 | 3.0 | 2.6 | 2.3 | 2.1 | 2.0 |
| 18 | C | 1.9 | 1.3 | 0.9 | 0.6 | 0.4 | 0.2 |
| | E | 2.3 | 1.8 | 1.5 | 1.3 | 1.2 | 1.1 |
| | L | 4.5 | 3.5 | 2.9 | 2.6 | 2.4 | 2.3 |
| 21 | C | 2.2 | 1.5 | 1.1 | 0.7 | 0.5 | 0.2 |
| | E | 2.6 | 2.0 | 1.7 | 1.5 | 1.4 | 1.3 |
| | L | 5.2 | 4.0 | 3.4 | 3.0 | 2.7 | 2.6 |
| 24 | C | 2.5 | 1.7 | 1.2 | 0.8 | 0.5 | 0.3 |
| | E | 2.9 | 2.2 | 1.9 | 1.7 | 1.5 | 1.5 |
| | L | 5.8 | 4.5 | 3.8 | 3.3 | 3.1 | 2.9 |
| 27 | C | 2.7 | 1.9 | 1.3 | 0.9 | 0.6 | 0.3 |
| | E | 3.2 | 2.5 | 2.1 | 1.8 | 1.7 | 1.6 |
| | L | 6.3 | 4.9 | 4.1 | 3.7 | 3.6 | 3.2 |
| 30 | C | 3.0 | 2.1 | 1.5 | 1.0 | 0.6 | 0.3 |
| | E | 3.5 | 2.7 | 2.3 | 2.0 | 1.9 | 1.8 |
| | L | 7.0 | 5.4 | 4.6 | 4.0 | 3.7 | 3.6 |
| 33 | C | 3.3 | 2.3 | 1.6 | 1.1 | 0.7 | 0.3 |
| | E | 3.8 | 2.9 | 2.5 | 2.2 | 2.0 | 1.9 |
| | L | 7.6 | 5.9 | 4.9 | 4.4 | 4.0 | 3.9 |
| 36 | C | 3.5 | 2.4 | 1.7 | 1.2 | 0.7 | 0.4 |
| | E | 4.1 | 3.2 | 2.7 | 2.4 | 2.2 | 2.1 |
| | L | 8.2 | 6.4 | 5.3 | 4.7 | 4.3 | 4.1 |
| 39 | C | 3.8 | 2.6 | 1.9 | 1.3 | 0.8 | 0.4 |
| | E | 4.4 | 3.4 | 2.9 | 2.5 | 2.4 | 2.2 |
| | L | 8.8 | 6.9 | 5.8 | 5.1 | 4.7 | 4.5 |
| 42 | C | 4.1 | 2.8 | 2.0 | 1.4 | 0.9 | 0.4 |
| | E | 4.8 | 3.7 | 3.1 | 2.7 | 2.5 | 2.4 |
| | L | 9.5 | 7.4 | 6.2 | 5.5 | 5.1 | 4.8 |

⚠

EXAMPLE:

Given D = 36" A = 60° B = 27"
Find L, C', E'

Solution:

1. Enter Storm Drain Main Table with the given D & A:

   $C_M$ = 2.9' $E_M$ = 1.2'

2. Enter Storm Drain Lateral Table with the given B & A:

   $C_L$ = 0.9' $E_L$ = 1.8' L = 3.7'

3. C' = $C_M$ + $C_L$
   C' = 2.9 ft. + 0.9 ft. = 3.8 ft.

4. E' = $E_M$ + $E_L$
   E' = 1.2 ft. + 1.8 ft. = 3.0 ft.

APPROVED [signature] DATE 12/27/84
PUBLIC WORKS DIRECTOR - R.C.E. 18793

| MARK | REVISIONS | APPR. | DATE |
|---|---|---|---|
| 1 | CORRECTED VALUES | [illegible] | 2-23-86 |

# CITY OF RIVERSIDE
PUBLIC WORKS DEPT. - ENGINEERING DIV.

# JUNCTION STRUCTURE B

STANDARD DRAWING NO. 421

Sheet 2 of 2