



COUNTY OF SAN JOAQUIN

DEPARTMENT OF PUBLIC WORKS
P.O. BOX 1810-1810 E. HAZELTON AVENUE
STOCKTON, CALIFORNIA 95201
(209) 468-3000
FAX # (209) 468-9324

Permit No: PS-1602807
Date Issued: 05/02/2017
Start Date: 05/15/2017
Exp. Date: 11/01/2017
Project No: PWP7110005
Quad: NW

ENCROACHMENT PERMIT

To: INDERJIT BIRRING/FLAG CITY TRUCK SERVICE
151 KENTUCKY CT
95337

Encroachment Type:

Driveway	Sidewalk		
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Location:

6386 CAPITAL AVE.: E/S PENNANT RD. BETWEEN CAPITOL AVE. AND DE BROGGI RD.

In compliance with your request of 09/07/2016, permission is hereby granted to do work in County right-of-way as shown on attached application and subject to all the terms, conditions and restrictions written below or printed as general or special provisions on any part of this form. See reverse side and attached sheet, if any.

Trench excavations for service connections will not be permitted within ten feet (10') of pavement centerline unless otherwise approved by the Director. Surface of trench patches shall match in kind and be smooth and even with that of abutting surface. Special attention shall be given to depth of utilities through roadside area in anticipation of future drainage facilities, road profile and/or frontage development. All underground utility facilities are to be established and accurately dimensioned on sketches from surveyed centerline of road right of way, or from right of way (border) lines.

Permittee shall call the Department of Public Works, Field Engineering Division (Permit Inspections) at (209)953-7421 at least forty-eight hours prior to beginning any work within the County right of way. All work performed under this permit shall conform to the rules and regulations pertaining to safety established by the California Division of Industrial Safety and Cal-OSHA.

The jobsite shall be kept in a safe condition at all times by the daily removal of any excess dirt or debris which might be a hazard to either pedestrian or automobile traffic. All necessary traffic convenience and warning devices and personnel shall be provided, placed and maintained by and at the sole expense of the Permittee in accordance with the latest edition of the CALTRANS Manual of Traffic Control.

After completion of the work permitted herein, all debris, lumber, barricades, or any excess material shall be removed and the jobsite left in a neat workmanlike manner. Immediately following completion of construction permitted herein, Permittee shall fill out and mail notice of completion (see attached post card) provided by Grantor.

Special Comments:

Traffic Control Per MUTCD

FORMS:

SS/WW, R-7,
R-13

Est. Permit Fee: \$1,815.00

WHITE -Permittee
GOLDENROD -PWD Central File
YELLOW -Field Inspection
PINK -Permit Section

KRIS BALAJI, Director
Department of Public Works

By:

Permit Section

ENCROACHMENT PERMIT GENERAL PROVISIONS

13-1

1. This permit is issued under and subject to all laws and ordinances of agencies governing the encroachment herein permitted. See the following references:

STREETS AND HIGHWAYS CODE

1. Division 1, Chapter 3
2. Division 2, Chapter 2, Section 942
3. Division 2, Chapter 4, Section 1126
4. Division 2, Chapter 5.5 and Chapter 6

SAN JOAQUIN COUNTY ORDINANCES NUMBERED: 324, 441, 648, 662, 672, 695, 700, 860, 892, 3359, and 3675.

2. It is understood and agreed by the Permittee that the performance of any work under this permit shall constitute an acceptance of all the provisions contained herein and failure on the Permittee's part to comply with any provision will be cause for revocation of this permit. Except as otherwise provided for public agencies and franchise holders, this permit is revocable on five days notice.
3. All work shall be done subject to the supervision of and the satisfaction of the grantor. The Permittee shall at all times during the progress of the work keep the County Highway in as neat and clean condition as is possible and upon completion of the work authorized herein, shall leave the County Highway in a thoroughly neat, clean and usable condition.
4. The Permittee also agrees by the acceptance of this permit to properly maintain any encroachment structure placed by the Permittee on any part of the County Highway and to immediately repair any damage to any portion of the highway, which occurs as a result of the maintenance of the said encroachment structure, until such time as the Permittee may be relieved of the responsibility for such maintenance by the County of San Joaquin.
5. The Permittee also agrees by the acceptance of this permit to make, at its own expense, such repairs as may be deemed necessary by the County Department of Public Works.
6. It is further agreed by the Permittee that whenever construction, reconstruction or maintenance work upon the highway is necessary, the installation provided for herein shall, upon request of the County Department of Public Works, be immediately moved or removed by and at the sole expense of the Permittee.
7. No material used for fill or backfill in the construction of the encroachment shall be borrowed or taken from within the County right of way.
8. All work shall be planned and carried out with as little inconvenience as possible to the traveling public. No material shall be stacked within eight feet (8') of the edge of the pavement or traveled way unless otherwise provided herein. Adequate provision shall be made for the protection of the traveling public. Traffic control standards shall be utilized including barricades; approved signs and lights; and flagmen, as required by the particular work in progress.
9. The Permittee, by the acceptance of this permit, shall assume full responsibility for all liability for personal injury or damage to property which may arise out of the work herein permitted or which may arise out of the failure of the part of the Permittee to properly perform the work provided under this permit. In the event any claim of such liability is made against the County of San Joaquin or any department, official or employee thereof, the Permittee shall defend, indemnify, and hold each of them harmless for such claim.
10. All backfill material is to be moistened as necessary and thoroughly compacted with mechanical means. If required by the County Director of Public Works, such backfill shall consist of gravel or crushed rock. The Permittee shall maintain the surface over structures placed hereunder as may be necessary to insure the return of the roadway to a completely stable condition and until relieved of such responsibility by the County Department of Public Works. Wherever a gravel, crushed rock or asphalt surface is removed or damaged in the course of work related to the permitted encroachment, such material shall either be separately stored and replaced in the roadway as nearly as possible in its original state or shall be replaced in kind, and the roadway shall be left in at least as good a condition as it was before the commencement of operations of placing the encroachment structure.
11. Whenever it becomes necessary to secure permission from abutting property owners for the proposed work, such authority must be secured by the Permittee prior to starting work.
12. The current and future safety and convenience of the traveling public shall be given every consideration in the location and methods of construction utilized.
13. The Permittee is responsible for the preservation of survey monuments located within the area of work herein permitted. Prior to the start of construction, survey monuments that potentially may be disturbed shall be located and referenced by a Licensed Land Surveyor, and a Corner Record filed with the County Surveyor. Any Survey Monuments disturbed during the course of construction shall be reestablished by a Licensed Land Surveyor and another Corner Record filed with the County Surveyor. (Land Surveyors' Act Section 8771)
14. Prior to any excavation, the Permittee shall notify USA North (Underground Service Alert of Northern California and Nevada) at 811 or 800-227-2600 forty-eight (48) hours in advance.

APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 5-2-17

To: San Joaquin County
Department of Public Works

INDERJIT S. BIRRING
(Applicant Name)

151 KENTUCKY CT
(Mailing Address)

MANTECA, Ca 95337
(City, State, Zip Code)

209-403-6700
(Area Code - Telephone Number)

OFFICE USE ONLY

JOB # PWP7110005 REF # _____
APN 035-320-25 CR # _____
EXP. DATE 11-1-2017
VALID 5-15-2017 TO 11-1-2017
STREET Pennant Rd
AREA Elgin City QUAD A/E
TYPE Improvement Plan
FORMS SW10, RTR-13
NOTES _____

DRIVEWAYS:

*
*
*

Sketch (Detailed plans may be submitted)

The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the East side of Thornton Road, approximately between feet/mile of Capital Ave & DE Braggi Road, by performing the following work (description of work):

Work will commence on or about _____ for approximately _____ days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

INDERJIT S. BIRRING
Signature of Applicant Title

5-2-17
Date



1 1/2" x 24" rebar, greased and wrapped one side through all expansion and cold joints.

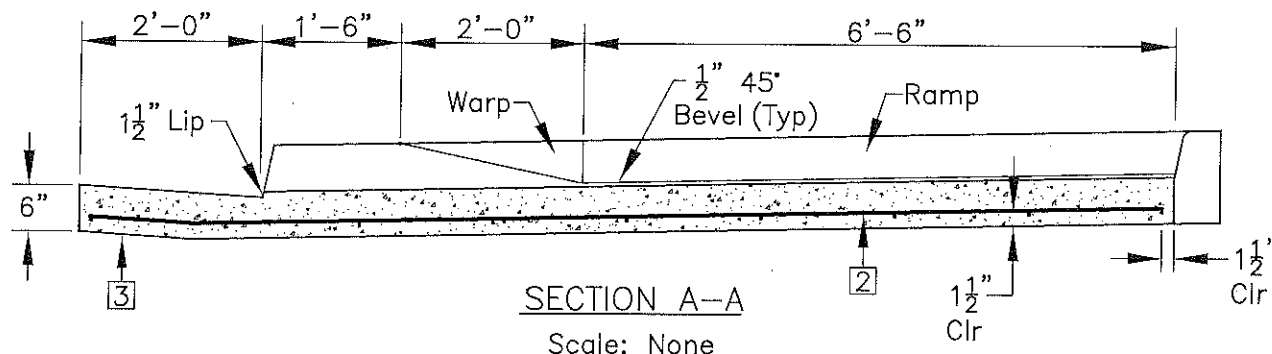
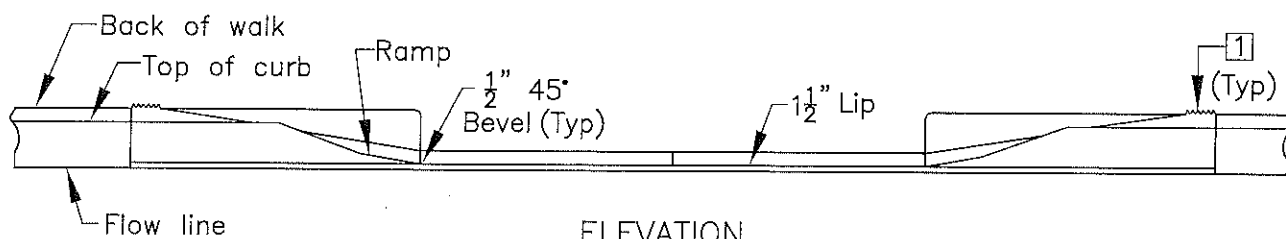
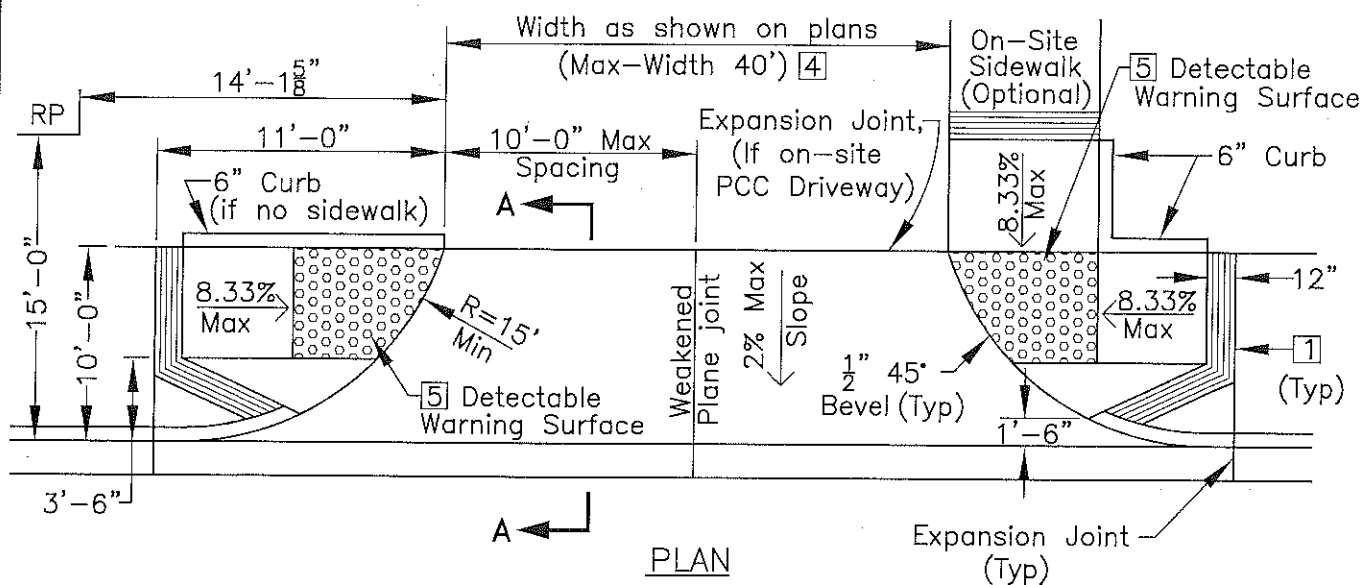
Approved by:

Thomas M. Hall

No.	Revision	Description	Date
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Std. Dwg. No.

R-7



NOTES:

- [1] 12" grooved border.
- [2] #4 rebar 18" Center to Center each way. The entire width of the driveway and ramp.
- [3] Gutter pan dimensions per County Standards.
- [4] Width greater than 40 feet subject to Director's approval.
- [5] Curb ramps shall have a detectable warning surface that extends the full width and 3'-0" depth of the ramp. Detectable Warning Surfaces shall conform to the details on this plan and the requirements in the Special Provisions and the latest State Standard Plan A88A.



**TYPE 1
COMMERCIAL DRIVEWAY**

COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

Date: DEC 2014

Approved by:

Thomas M. Hall

No.	Revision	Description	Date

Std. Dwg. No.

R-13

Notes for Figure 6H-6—Typical Application 6 Shoulder Work with Minor Encroachment

Guidance:

1. All lanes should be a minimum of 10 feet in width as measured to the near face of the channelizing devices.
2. The treatment shown should be used on a minor road having low speeds. For higher-speed traffic conditions, a lane closure should be used.

Option:

3. For short-term use on low-volume, low-speed roadways with vehicular traffic that does not include longer and wider heavy commercial vehicles, a minimum lane width of 9 feet may be used.
4. Where the opposite shoulder is suitable for carrying vehicular traffic and of adequate width, lanes may be shifted by use of closely-spaced channelizing devices, provided that the minimum lane width of 10 feet is maintained.
5. Additional advance warning may be appropriate, such as a ROAD NARROWS sign.
6. Temporary traffic barriers may be used along the work space.
7. The shadow vehicle may be omitted if a taper and channelizing devices are used.
8. A truck-mounted attenuator may be used on the shadow vehicle.
9. For short-duration work, the taper and channelizing devices may be omitted if a shadow vehicle with activated high-intensity rotating, flashing, oscillating, or strobe lights is used.
10. Vehicle hazard warning signals may be used to supplement high-intensity rotating, flashing, oscillating, or strobe lights.

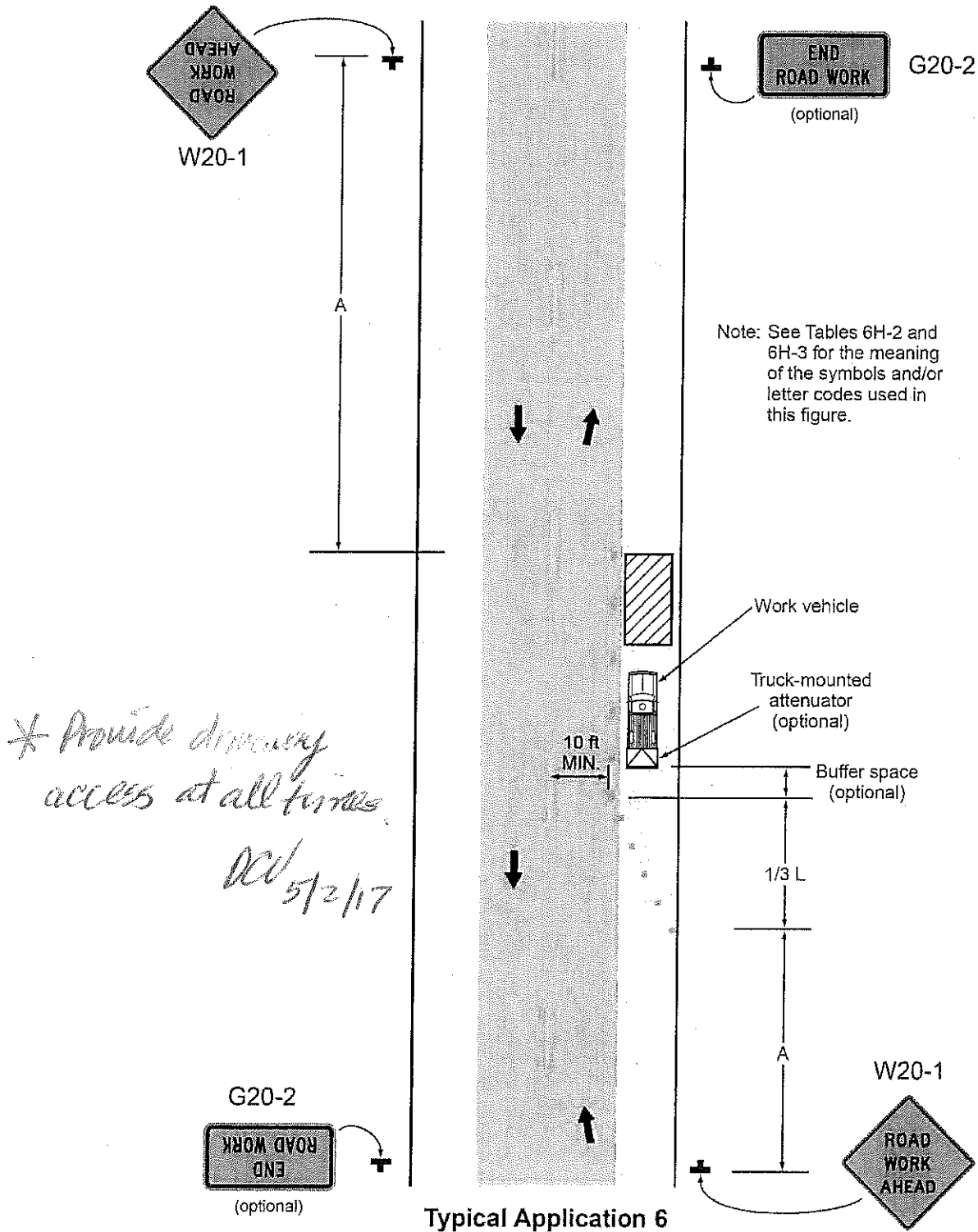
Standard:

11. Vehicle-mounted signs shall be mounted in a manner such that they are not obscured by equipment or supplies. Sign legends on vehicle-mounted signs shall be covered or turned from view when work is not in progress.
12. Shadow and work vehicles shall display high-intensity rotating, flashing, oscillating, or strobe lights.
13. Vehicle hazard warning signals shall not be used instead of the vehicle's high-intensity rotating, flashing, oscillating, or strobe lights.

Guidance:

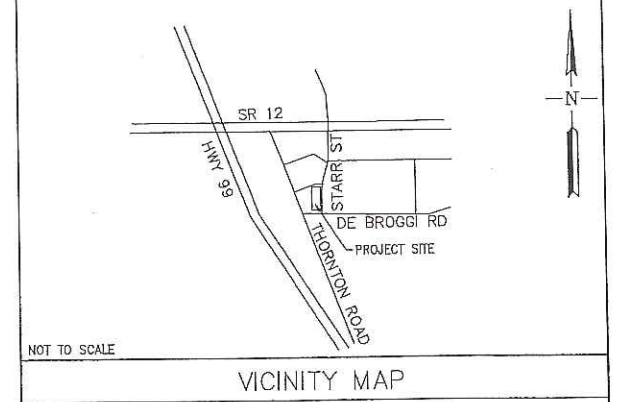
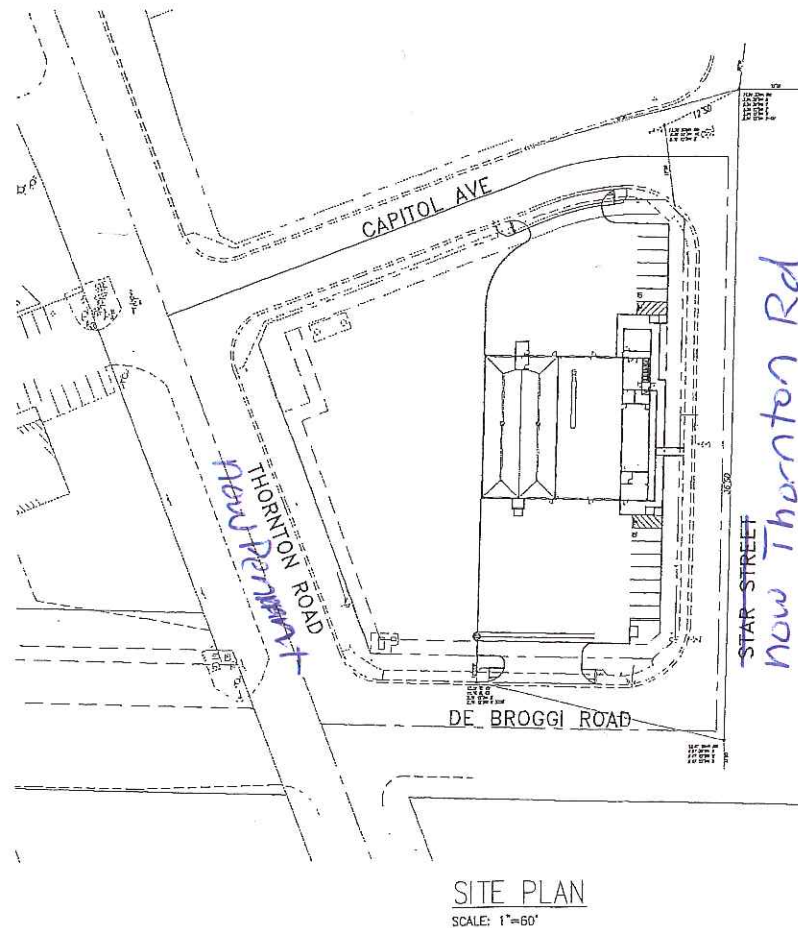
14. All advance warning signs should be placed so that the path of travel for bicycles is not blocked, while maintaining visibility for road users.
15. When existing accommodations for bicycle travel are disrupted or closed in a long-term duration project (see Section 6G.02) and the roadway width is inadequate for allowing bicyclists and motor vehicles to travel side by side, the Bicycle Warning (W11-1) sign and the SHARE THE ROAD (W16-1P) plaque should be used to advise motorists of the presence of bicyclists in the travel way lanes.
16. Except for short durations and mobile operations, when a highway shoulder is occupied and bicyclists would be sharing a lane with vehicular traffic, as a result of the TTC zone, speed reduction countermeasures should be used to reduce traffic speeds in the TTC zone. Refer to Sections 6C.01 and 6D.03.
17. Except for short durations and mobile operations, when a highway shoulder is occupied and bicyclists would be sharing a lane with vehicular traffic, as a result of the TTC zone, before narrowing the outside lane other measures such as widening the outside shoulder to allow bicyclists and motor vehicles to travel side by side through the TTC zone should be considered.
18. If traffic volumes make it feasible, the two left lanes should be merged into one lane to avoid using the shoulder as a traveled way lane and allowing continued use for emergency purposes and bicycle travel.
19. When existing accommodations for bicycle travel are disrupted or closed in a long-term duration project (see Section 6G.02) and the roadway width is inadequate for allowing bicyclists and motor vehicles to travel side by side, a separate path should be considered for bicyclists.

Figure 6H-6. Shoulder Work with Minor Encroachment (TA-6)



LEGEND	EXISTING	PROPOSED
BOUNDARY LINE	---	---
CENTER LINE	---	---
RIGHT OF WAY	---	---
PARCEL LINE	---	---
MONUMENT	---	---
CURB, GUTTER AND SIDEWALK	---	---
EDGE OF PAVEMENT	---	---
CONCRETE VALLEY GUTTER	=====	=====
TRENCH DRAIN	---	---
STORM DRAIN	SD	SD
STORM DRAIN MAINTENANCE HOLE	SD	SD
DROP INLET CATCHBASIN	SD	SD
SIDE INLET CATCHBASIN	SD	SD
WATER MAIN	W	W
WATER BLOW-OFF	W	W
BACKFLOW PREVENTION DEVICE	W	W
DOUBLE DETECTOR CHECK VALVE	W	W
FIRE HYDRANT	W	W
FIRE DEPARTMENT CONNECTION	W	W
POST INDICATOR VALVE	W	W
SINGLE CHECK VALVE	W	W
WATER VALVE	W	W
WATER METER	W	W
SEWER MAIN	SS	SS
SEWER MAINTENANCE HOLE	SS	SS
SEWER CLEANOUT	SS	SS
JOINT TRENCH	SS	SS
ELECTRICAL (UNDERGROUND)	EU	EU
ELECTRICAL (OVERHEAD)	EOH	EOH
GAS MAIN	G	G
CABLE TELEVISION	CATV	CATV
POWER POLE	W	W
TELEPHONE POLE	W	W
GUY ANCHOR	W	W
ELECTROLIER	W	W
ELECTRICAL MAINTENANCE HOLE	W	W
UTILITY BOX/VAULT	W	W
GAS VALVE	W	W
TOP OF CURB ELEVATION	56.46TC	56.46TC
PAVEMENT ELEVATION	47.95P	47.95P
CONCRETE ELEVATION	35.61C	35.61C
ORIGINAL GROUND ELEVATION	35.61C	35.61C
DIRECTION OF FLOW	1.5%	1.50%
FENCE (SEE LABEL ON PLAN)	1.5%	1.50%
SIGN	1.5%	1.50%
TREE	1.5%	1.50%
KEYNOTE	1.5%	1.50%
DETAIL BUBBLE	1.5%	1.50%

GRADING AND DRAINAGE PLAN FOR: FLAG CITY TRUCK SERVICE WASH, TIRE & LUBE 055-320-25 & 26 LODI, CALIFORNIA



COUNTY OF SAN JOAQUIN
DEPARTMENT OF PUBLIC WORKS

APPROVED AS "ENCROACHMENT PERMIT PLAN SET"
APPROVED FOR WORK WITHIN COUNTY RIGHT-OF-WAY ONLY

ACCEPTED: *Alex Crutty* 5/2/17 DATE: 12/31/18
RCE NO.: 555407 EXP. DATE: 12/31/18

ENCROACHMENT PERMIT NO.: PS-1602807 DATE ISSUED: 5/2/17 BY: *JR*

STANDARD ABBREVIATIONS		SHEET INDEX	
Aggregate Base	AB	C-1	COVER SHEET
Asphalt Concrete	AC	C-2	GENERAL NOTES AND SPECIFICATIONS
Back of Walk	BOW	C-3	PAVING PLAN
Begin Curb Return	BCR	C-4	GRADING AND DRAINAGE PLAN
Begin Curve	BC	C-5	EROSION CONTROL PLAN
Bench Mark	BM		
Blow Off	BO		
Cable Television	CATV		
Cast Iron Pipe	CIP		
Centerline	C/L		
Class	CL		
Cleanout	CO		
Commercial Driveway	COMM DWY		
Compacted Original Ground	COG		
Concrete	CONC		
Concrete Pipe	CONC PIPE		
Corrugated Metal Pipe	CMP		
Cubic Yards	CY		
Curb & Gutter	C&G		
Curb, Gutter & Sidewalk	C&G&S		
Diameter	DIA		
Distance	DIST		
Driveway	DWY		
Drop Inlet Catch Basin	DICB		
Ductile Iron Pipe	DIP		
Each	EA		
Edge of Pavement	EP		
Electrical	ELEC		
Elevation	ELEV		
End Curb Return	ECR		
End Curve	EC		
Existing	EX		
Finish Grade	FG		
Fire Hydrant	FH		
Flowline	FL		
Fire Service	FS		
Face of Curb	FOC		
Foot	FT		
Gas	G		
Gas Valve	GV		
Grade Break	GB		
Guy pole	GP		
High Point	HP		
High Pressure Gas	HPG		
Inch	IN		
Industrial Waste	IW		
Invert	INV		
Joint Use Pole	JP		
Length	LF		
Lineal Feet	LF		
Low Point	LP		
Manhole/Maintenance Hole	MH		
Maximum	MAX		
Minimum	MIN		
North, South, East, West	N, S, E, W		
Pavement	P		
Point of Intersection	POI		
Point of Reverse Curve	PRC		
Portland Cement Concrete	PCC		
Point of Tangent	POT		
Polyvinylchloride	PVC		
Pothole	PH		
Power Pole	PP		
Property Line	PUE		
Public Utility Easement	PUE		
Pull Box	PB		
Radius	RAD		
Reinforced Concrete Pipe	RCP		
Relative Compaction	RC		
Right of Way	R/W		
Side Inlet Catch Basin	SICB		
Sidewalk	SW		
Square Feet	SF		
Standard	STD		
Station	STA		
Storm Drain	SD		
Storm Drain Manhole	SDMH		
Survey Monument	SM		
Tangent	TAN		
Telephone	TELE		
Telephone Pole	TP		
Top of Curb	TOC		
Underground Service Alert U.S.A.	USA		
Underground Utility Vault	UV		
Vitrified Clay Pipe	VCP		
Wastewater	WW		
Wastewater Manhole	WWM		
Wastewater Service	WWS		
Water	W		
Water Service	WS		
Water Service Box	WSB		
Water Valve	WV		

PROJECT DESCRIPTION

CONSTRUCTION GRADING OF A PARKING LOT AND BUILDING PAD FOR THE PURPOSES OF A TRUCK WASH/REPAIR BUILDING.

- 1) ROUGH GRADING SITE.
- 2) INSTALL STORM DRAINAGE FACILITIES.
- 3) CONSTRUCTION OF PARKING LOT

THIS PROJECT COMPLIES WITH THE 2013 CBC, APPENDIX J.

REVISIONS			
NO.	DESCRIPTIONS	DATE	APPROVED

DUSPIVA Engineering

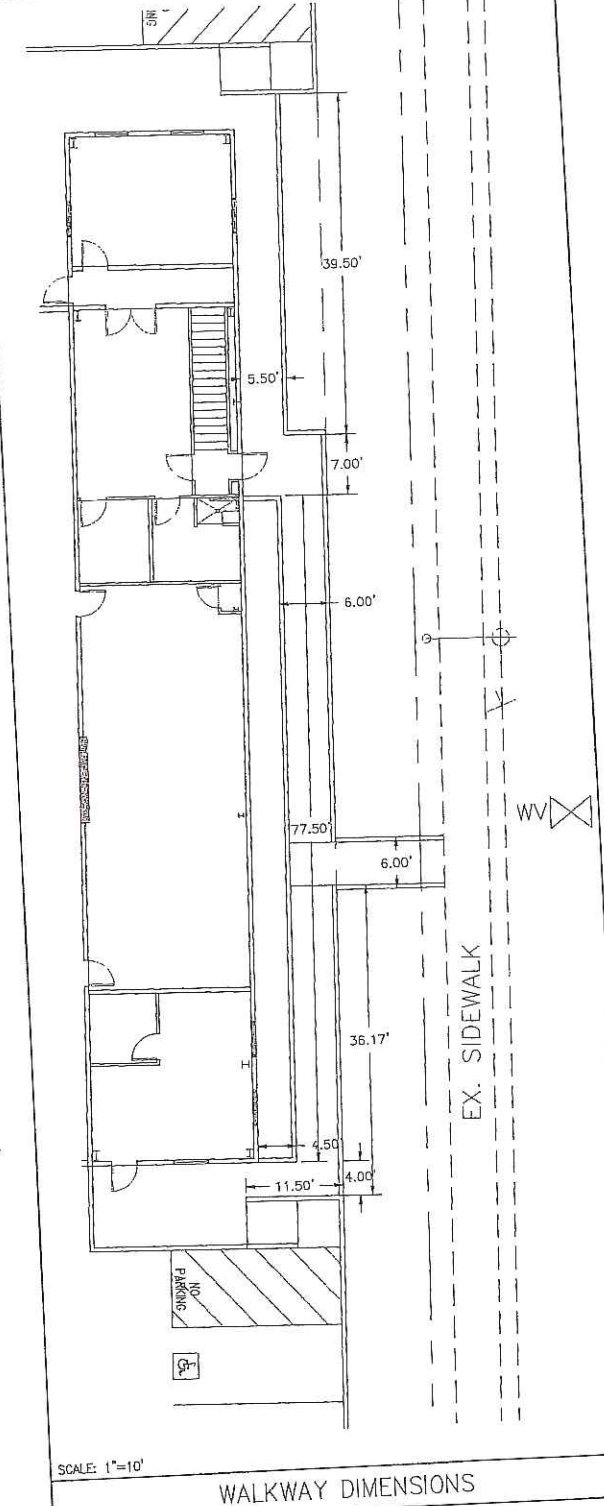
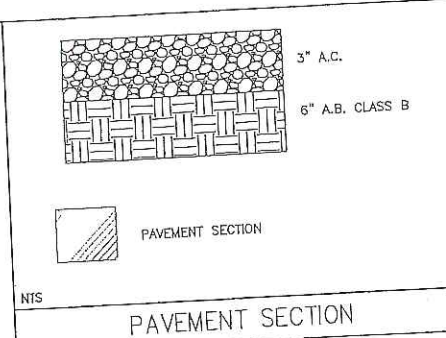
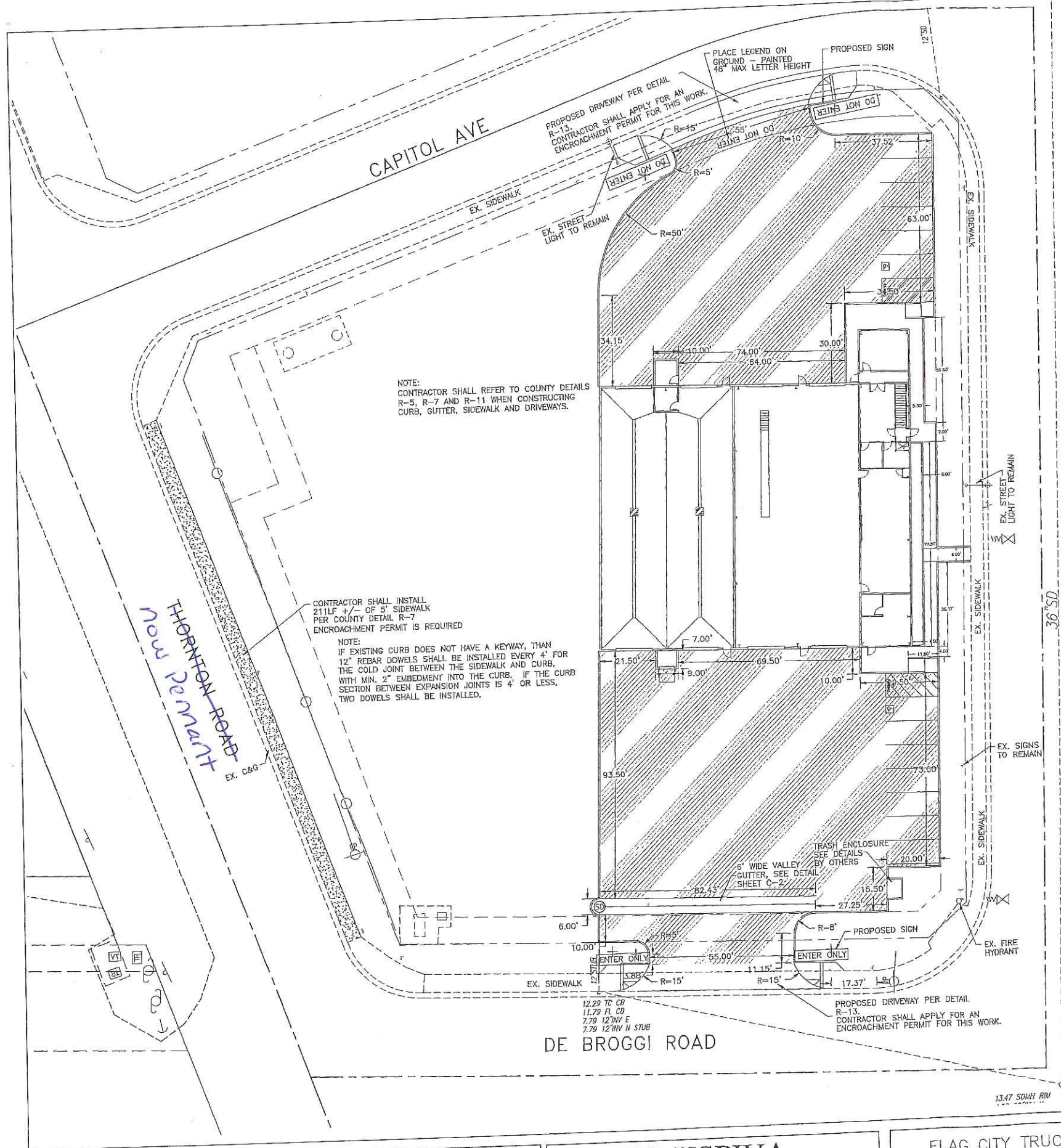
CIVIL ENGINEERING • PLANNING •
P.O. BOX 845 LODI, CA 95241
O:209-333-2049

FLAG CITY TRUCK SERVICE
ANDY BIRRING
055-320-25 & 26
LODI, CA

COVER SHEET

JOB NO. 15-009
DATE 9-1-16
SCALE AS SHOWN
DR. BY VGD
CK. BY VGD
FILE:

SHEET NUMBER
C-1
1 OF 5



REVISIONS			
NO.	DESCRIPTIONS	DATE	APPROVED

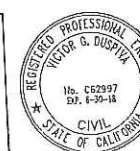
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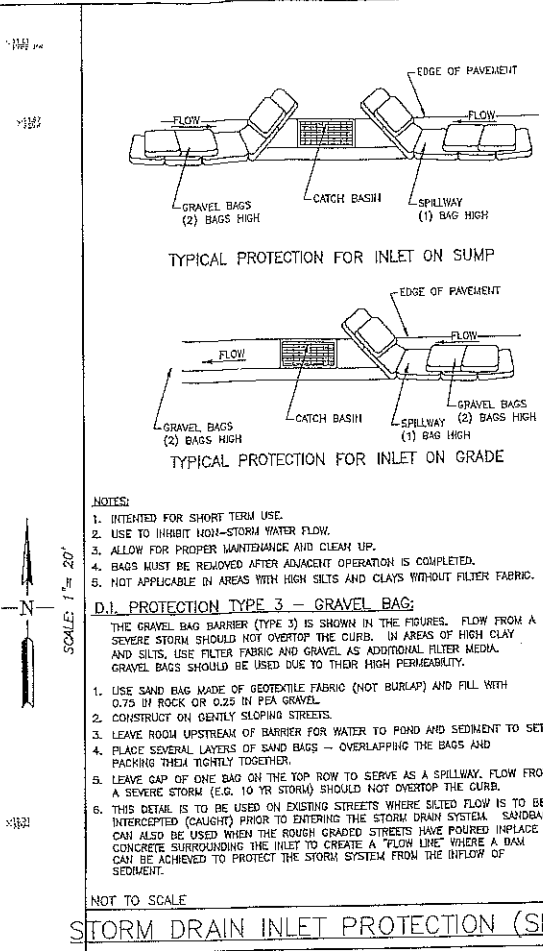
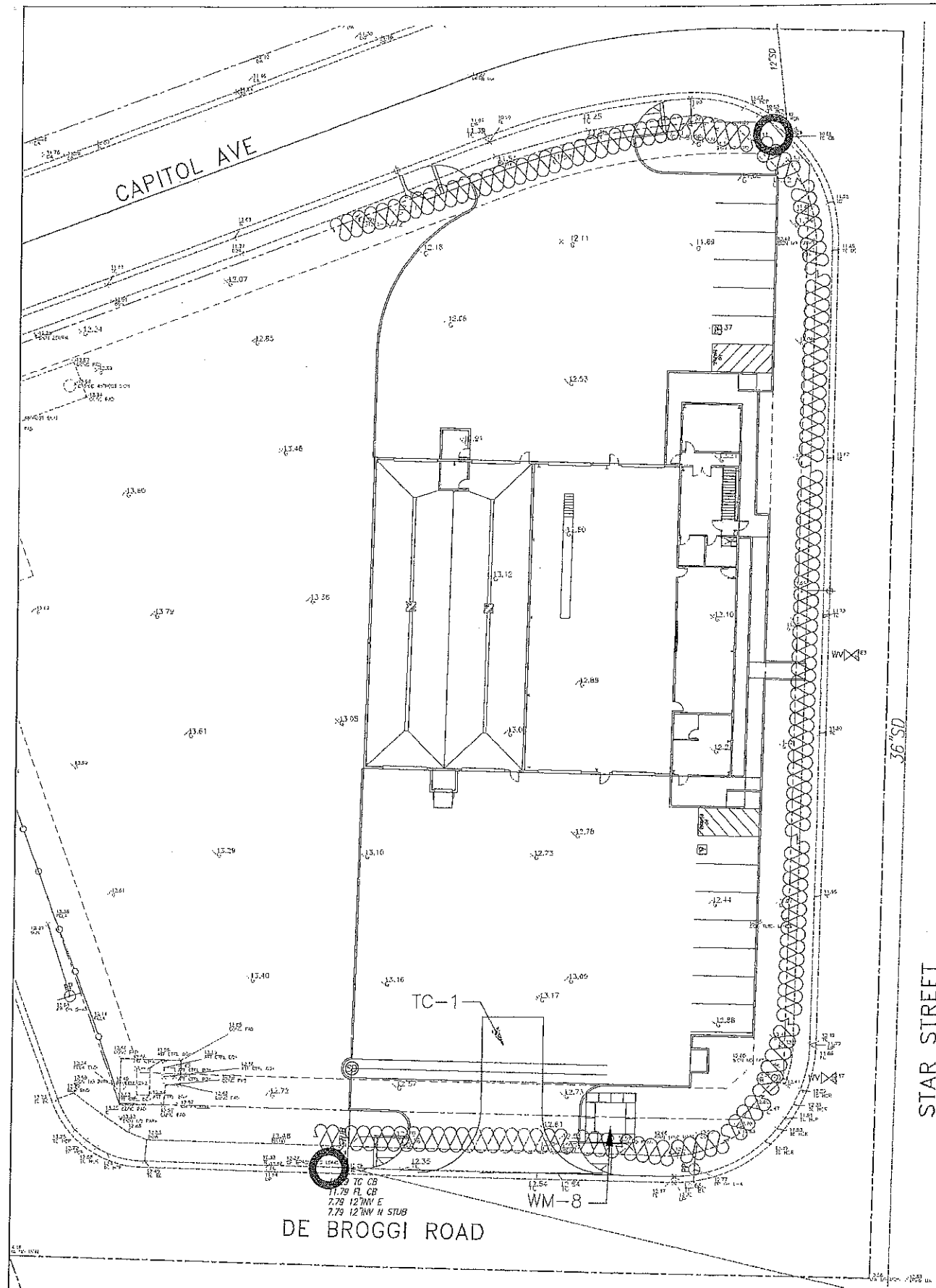
FLAG CITY TRUCK SERVICE
 ANDY BIRRING
 055-320-25 & 26
 LODI, CA

PAVING PLAN

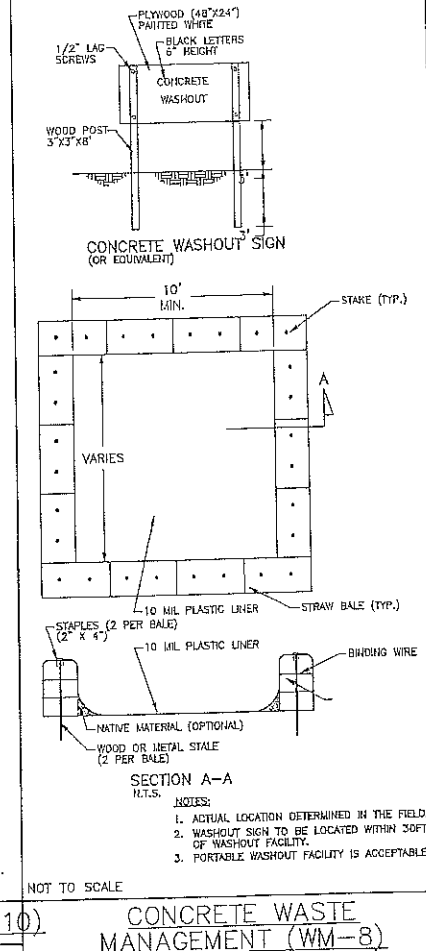
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SHEET NUMBER
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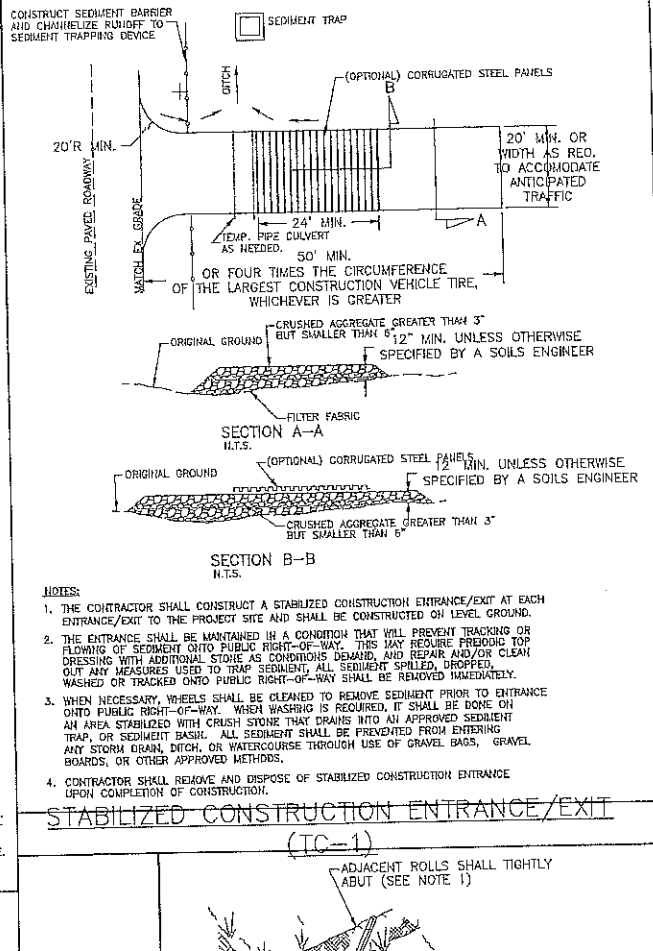
STORM DRAIN INLET PROTECTION (SE-10)



CONCRETE WASTE MANAGEMENT (WM-8)

EROSION CONTROL GENERAL NOTES

1. THESE PLANS DEPICT APPROPRIATE MEASURES TO CONTROL EROSION ON THE SITE TO BE GRADED AS SHOWN ON THE PLANS. THE NATIVE VEGETATION WILL BE REMOVED ONLY FROM THOSE AREAS TO BE GRADED. AREAS OUTSIDE OF AND DOWNSLOPE OF THE LIMITS OF GRADING WILL BE PROTECTED FROM SILT LAIDEN RUNOFF BY PERIMETER SILT FENCES AS DEPICTED ON THIS PLAN. SLOPED AREAS WHICH HAVE BEEN STRIPPED OF VEGETATION AND NEW SLOPES OVER FOUR FEET HIGH CREATED DURING THE GRADING OPERATION WILL BE TRACKMAINTAINED & HYDROSEEDING.
2. ALL EROSION SEDIMENT STRUCTURES SHALL BE INSPECTED AFTER EACH RAINSTORM AND SHALL BE CLEANED OUT AS NECESSARY.
3. A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED PRIOR TO COMMENCEMENT OF GRADING. THE LOCATION IS SHOWN ON THESE PLANS. ALL CONSTRUCTION TRAFFIC ENTERING THE PAVED ROAD MUST CROSS THE ENTRANCE.
4. THE CONTRACTOR IS RESPONSIBLE FOR ALL ASPECTS OF EROSION CONTROL FOR THE LIFE OF THE PROJECT AND SHALL INSTALL AND MAINTAIN ANY DEVICES AND MEASURES NECESSARY TO THE SATISFACTION OF THE COUNTY ENGINEER, ALL-YEAR ROUND.
5. TO MINIMIZE EROSION OF GRADED BANKS, ALL GRADED BANKS AND STOCKPILE AREAS SHALL BE HYDROSEEDING, LANDSCAPED OR SEALED.
6. PROTECT DRAIN INLETS WITH FILTER FABRIC ANCHORED BY PEA GRAVEL BAGS. THE BAGS SHALL BE USED TO PREVENT SEDIMENT LAIDEN RUNOFF FROM ENTERING ANY COMPLETED STORM DRAIN INLETS. THESE PROTECTION MEASURES SHALL BE MAINTAINED UNTIL THE PROJECT IS COMPLETED.
7. WHEN TEMPORARY STRUCTURES HAVE SERVED THEIR INTENDED PURPOSE AND THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED, THE EQUIPMENT AND RESULTING SEDIMENT DEPOSITS ARE TO BE LEVELED OR OTHERWISE DISPOSED OF BY THE CONTRACTOR AS RECOMMENDED BY THE SOILS ENGINEER.
8. GRADED AREAS MUST BE DRAIN AWAY FROM THE FACE OF SLOPES AT THE CONCLUSION OF EACH WORKING DAY. DRAINAGE SHALL BE DIRECTED TOWARDS DRAINAGE INLETS.
9. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THIS PLAN WHICH INTERFERE WITH THE WORK SHALL BE RELOCATED OR MODIFIED AS AND WHEN THE INSPECTOR SO DIRECTS AS THE WORK PROGRESSES.
10. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE PUBLIC RIGHT-OF-WAY BY THE END OF EACH WORKING DAY.
11. STAND-BY CREWS SHALL BE ALERTED BY THE PERMITEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
12. SEWER OR STORM DRAIN TRENCHES THAT DRAIN THROUGH BASIN DIKES SHALL BE PLUGGED WITH SANDBAGS FROM TOP OF PIPE TO TOP OF DIKE.
13. AFTER SEWER AND UTILITY TRENCHES ARE BACKFILLED AND COMPACTED, THE SURFACES OVER SUCH TRENCHES SHALL BE WOUNDED SLIGHTLY TO PREVENT CHANNELLING OF WATER IN THE TRENCH AREA. CARE SHOULD BE EXERCISED TO PROMOTE FOR CROSS-FLOW AT FREQUENT INTERVALS WHERE TRENCHES ARE NOT ON THE CENTERLINE OF A CROWNED STREET. REMOVE ALL CHECK DAMS PRIOR TO BACKFILL.
14. TO CONTROL SEDIMENT ENTERING FIELD INLETS, PLACE PEA GRAVEL BAGS IN THE CONCRETE V-DITCH AT THE SIDE OPENING OF THE FIELD INLET AT THE LOCATIONS SHOWN ON THIS PLAN.
15. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, ALL DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE FORECAST OF RAIN PROBABLY EXCEEDS 50% AND MAINTAINED YEAR-ROUND.
16. ALL BASINS AND CHECK DAMS SHALL HAVE BEEN PUMPED DRY, AND ALL DEBRIS AND SILT REMOVED WITHIN 24 HOURS AFTER EACH STORM.
17. SANDBAGS SHALL BE STOCKPILED ON-SITE, READY TO BE PLACED IN POSITION WHEN RAIN FORECAST IS 50% OR WHEN DIRECTED BY THE INSPECTOR.
18. EXPOSED SLOPES SHALL BE PROTECTED BY VEGETATION COVER OR FABRIC COVER AS APPROVED BY THE CITY ENGINEER.



STABILIZED CONSTRUCTION ENTRANCE/EXIT (TC-1)

FIBER ROLL (SE-5)

LEGEND

FIBER ROLL (STRAW WATTLE) SEE DETAIL THIS SHEET

INLET PROTECTION



REVISIONS			
NO.	DESCRIPTIONS	DATE	APPROVED

DUSPIVA Engineering
CIVIL ENGINEERING • PLANNING •
P.O. BOX 845 LODI, CA 95241
0209-333-2049

FLAG CITY TRUCK SERVICE
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055-320-25 & 26
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EROSION CONTROL PLAN

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C-5
5 OF 5

GENERAL NOTES:

- ALL IMPROVEMENTS SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: SAN JOAQUIN COUNTY ("COUNTY") STANDARD SPECIFICATIONS AND ALL AMENDMENTS THEREIN TO DATE, CALIFORNIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS ("CALTRANS") LATEST EDITION, WHERE APPLICABLE, WHERE THERE IS A CONFLICT BETWEEN THE PLANS AND THE COUNTY'S STANDARD SPECIFICATIONS AND PLANS, THE SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS AND PLANS SHALL PREVAIL. ALL WORK SHALL BE SUBJECT TO THE INSPECTION OF THE SAN JOAQUIN BUILDING DEPARTMENT.
- PRIOR TO ANY WORK BEING PERFORMED, THE CONTRACTOR SHALL CONTACT THE APPROPRIATE REGULATORY AGENCIES FOR A PRE-CONSTRUCTION CONFERENCE.
- IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK COMTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THE TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY DUSPIVA ENGINEERING ("ENGINEER") IMMEDIATELY REGARDING ANY DISCREPANCIES AND AMBIGUITIES WHICH MAY EXIST IN THE PLANS AND SPECIFICATIONS. IF THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT IN COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE FIRST QUALITY ARE TO BE USED.
- THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF SURVEY MONUMENTS LOCATED WITHIN THE AREA OF WORK HEREIN PERMITTED. PRIOR TO THE START OF CONSTRUCTION, SURVEY MONUMENTS THAT POTENTIALLY MAY BE DISTURBED SHALL BE LOCATED AND REFERENCED BY A LICENSED LAND SURVEYOR, AND A CORNER RECORD FILED WITH THE COUNTY SURVEYOR. ANY SURVEY MONUMENTS DISTURBED DURING THE COURSE OF CONSTRUCTION SHALL BE REESTABLISHED BY A LICENSED LAND SURVEYOR AND ANOTHER CORNER RECORD FILED WITH THE COUNTY SURVEYOR. (LAND SURVEYORS' ACT SECTION 8771)
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROPERTY, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.
- UNLESS OTHERWISE STATED, ALL STATIONS INDICATED ON THE IMPROVEMENT PLANS ARE REFERENCED TO THE CENTERLINE OF THE STREET. ALL STATIONS OFF CENTER ARE PERPENDICULAR TO OR RADIIALLY OPPOSITE CENTERLINE STATIONS, UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM THE COUNTY AND OR ENGINEER.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY IN ACCORDANCE WITH THE LATEST CALTRANS MANUAL.
- THE OFFICE OF THE SAN JOAQUIN COUNTY BUILDING DEPARTMENT SHALL BE NOTIFIED AT LEAST 48 HOURS IN ADVANCE OF ANY WORK.
- CABLE TV, ELECTRICAL, GAS, AND TELEPHONE UNDERGROUND SHALL BE COMPLETED PRIOR TO CONSTRUCTION OF THE CURB, GUTTER, SIDEWALK AND PAVING.
- THE SAN JOAQUIN COUNTY OR ASSOCIATED UTILITY COMPANY AND RESIDENCES TO BE AFFECTED SHALL BE NOTIFIED IMMEDIATELY UPON ANY UTILITY SERVICE DISRUPTION OTHER THAN SPECIFIED ON THESE IMPROVEMENT PLANS AND A TWENTY-FOUR (24) HOUR NOTICE SHALL BE GIVEN FOR ANY PLANNED DISRUPTION.
- THE CONTRACTOR SHALL OBTAIN AN ENCROACHMENT PERMIT FROM THE SAN JOAQUIN COUNTY, DEPARTMENT OF PUBLIC WORKS OR ANY APPLICABLE AGENCIES PRIOR TO COMMENCEMENT OF WORK WITHIN EXISTING COUNTY RIGHT-OF-WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMITS AND LICENSES REQUIRED FOR THE CONSTRUCTION AND COMPLETION OF THE PROJECT.
- STREET SIGNS, TRAFFIC CONTROL SIGNS, AND PAVEMENT MARKINGS SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR AT LOCATIONS ESTABLISHED BY THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF THE REMOVAL OR RELOCATION OF ALL EXISTING UTILITIES WITH RESPECTIVE UTILITY COMPANIES.
- ASPHALT CONCRETE SHALL BE PLACED ONLY WHEN THE ATMOSPHERIC TEMPERATURE IS ABOVE 50°.
- PRIOR TO COMMENCING ANY WORK, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE EACH UTILITY COMPANY LOCATE IN THE FIELD, THEIR MAIN AND SERVICE LINES. THE CONTRACTOR SHALL NOTIFY MEMBERS IF THE UNDERGROUND SERVICE ALERT (U.S.A.) FORTY-EIGHT (48) HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING THE TOLL-FREE NUMBER (800) 227-2600. THE CONTRACTOR SHALL RECORD THE U.S.A. ORDER NUMBER. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO PROTECT ALL EXISTING UTILITIES SO THAT NO DAMAGE RESULTS THEREIN DURING THE PERFORMANCE OF THE CONTRACT. ANY REPAIRS NECESSARY TO DAMAGED UTILITIES SHALL BE PAID FOR BY THE CONTRACTOR. THE CONTRACTOR SHALL BE REQUIRED TO COOPERATE WITH OTHER CONTRACTORS AND UTILITY COMPANIES INSTALLING NEW STRUCTURES, UTILITIES AND SERVICE TO THE DEVELOPMENT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING IMPROVEMENTS FROM DAMAGE. COST OF REPLACING EXISTING IMPROVEMENTS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEMS REQUIRING REMOVAL AND REPLACEMENT OF EXISTING IMPROVEMENTS.

- WHENEVER PAVEMENT IS BROKEN OR CUT IN THE INSTALLATION OF THE WORK COVERED BY THESE PLANS AND SPECIFICATIONS, THE PAVEMENT SHALL BE REPLACED, AFTER PROPER BACK FILLING, WITH PAVEMENT MATERIALS EQUAL TO OR BETTER THAN THE MATERIAL USED IN THE ORIGINAL PAVING. THE FINISHED PAVEMENT SHALL BE SUBJECT TO THE APPROVAL OF THE COUNTY ENGINEER.
- PAYMENT FOR PAVEMENT WILL BE MADE ONLY FOR AREAS SHOWN ON THESE PLANS. REPLACEMENT OF PAVEMENT WHICH IS BROKEN OR CUT DURING THE INSTALLATION OF THE WORK COVERED BY THESE SPECIFICATIONS, AND WHICH LIES OUTSIDE OF SAID AREAS, SHALL BE INDICATED IN THE CONTRACTOR'S UNIT PRICE FOR PAVEMENT, AND NO ADDITIONAL PAYMENT SHALL BE MADE FOR SUCH WORK.
- EXCAVATIONS OF 5 FEET OR MORE IN DEPTH WILL REQUIRE AN EXCAVATION PERMIT FROM THE STATE OF CALIFORNIA DEPARTMENT OF INDUSTRIAL SAFETY. FOR TRENCHES 5 FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL COMPLY WITH SECTION 5-1.02A OF THE CALTRANS STANDARDS, CHAPTER 9 OF THE STATE OF CALIFORNIA LABOR CODE, AND ANY LOCAL CODES OR ORDINANCES.
- WE CALL YOUR ATTENTION TO TITLE 8 CALIFORNIA ADMINISTRATION CODE SECTION 18440 (A) (1) OF THE CONSTRUCTION SAFETY ORDERS ISSUED BY THE OCCUPATIONAL SAFETY AND HEALTH STANDARDS BOARD PURSUANT TO THE CALIFORNIA OCCUPATIONS SAFETY AND HEALTH ACT OF 1973 AS AMENDED WHICH STATES: (1) PRIOR TO OPENING AN EXCAVATION EFFORT SHALL BE MADE TO DETERMINE WHETHER UNDERGROUND INSTALLATIONS, I.E. SEWER, WATER, FUEL, ELECTRICAL LINES, ETC., WILL BE ENCOUNTERED AND IF SO, WHERE SUCH UNDERGROUND INSTALLATIONS ARE LOCATED. WHEN THE EXCAVATION APPROACHES THE APPROXIMATE LOCATION OF SUCH INSTALLATION, THE EXACT LOCATION SHALL BE DETERMINED BY CAREFUL PROBING OR HAND DIGGING; AND, WHEN IT IS UNCOVERED, ADEQUATE PROTECTION SHALL BE PROVIDED FOR THE EXISTING INSTALLATION. ALL KNOWN OWNERS OF UNDERGROUND FACILITIES IN THE AREA CONCERNED SHALL BE ADVISED OF PROPOSED WORK AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO THE STATE OF ACTUAL EXCAVATION.
- ALL TRENCHES IN PAVED AREAS SHALL BE PAVED WITH TEMPORARY PAVING, OR COVERED WITH A STEEL PLATE OR APPROPRIATE SIZE AND STRENGTH, THE SAME DAY THE PAVEMENT CUT IS MADE.
- THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATIONS AND LAYOUT OF ALL MECHANICAL, ELECTRICAL AND INSTRUMENTATION EQUIPMENT, PIPING AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS SHALL REFLECT CHANGE ORDERS, ACCOMMODATIONS, AND ADJUSTMENTS TO ALL IMPROVEMENTS CONSTRUCTED. WHERE NECESSARY, SUPPLEMENTAL DRAWINGS SHALL BE PREPARED AND SUBMITTED BY THE CONTRACTOR.
- PRIOR TO ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL DELIVER TO THE ENGINEER, ONE SET OF NEATLY MARKED AS-BUILT RECORD DRAWINGS SHOWING THE INFORMATION REQUIRED ABOVE. AS-BUILT RECORD DRAWINGS SHALL BE REVIEWED AND THE COMPLETE AS-BUILT RECORD DRAWING SET SHALL BE CURRENT WITH ALL CHANGES AND DEVIATIONS RECORDED AS A PRECONDITION TO THE FINAL PROGRESS PAYMENT APPROVAL AND/OR FINAL ACCEPTANCE.
- AFTER CONSTRUCTION OF ALL IMPROVEMENTS, THE CONTRACTOR SHALL SUBMIT ONE SET OF REPRODUCIBLE PLANS. FINAL INVERT ELEVATIONS FOR SEWER AND STORM DRAIN LINES THAT ARE TO BE EXTENDED FOR FUTURE CONSTRUCTION SHALL ALSO BE SHOWN ON THE AS-BUILT PLANS ALL AS PROVIDED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY DUSPIVA ENGINEERING AT LEAST 48 HOURS PRIOR TO BACK FILLING OF ANY PIPE WHICH STUBS TO A FUTURE PHASE OF CONSTRUCTION FOR INVERT VERIFICATION. TOLERANCE SHALL BE IN ACCORDANCE WITH THE SAN JOAQUIN COUNTY STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL PROVIDE COUNTY WITH A CERTIFICATION SIGNED BY A REGISTERED CIVIL ENGINEER OR LAND SURVEYOR STATING THAT ALL BUILDING PAD ELEVATIONS ARE IN ACCORDANCE WITH THE APPROVED GRADING PLAN.
- SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN STRICT CONFORMANCE WITH THE LATEST CALTRANS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

TOPOGRAPHY NOTES:

- PLAN SET DESIGN BASED OFF OF TOPOGRAPHIC SURVEY PERFORMED ON APRIL 17, 2015 BY SHOUH LAND SURVEYING, JOHN SHOUH, PLS. CONTRACTOR SHALL BE AWARE THAT SINCE THIS INITIAL SURVEY THE SITE MAY HAVE CHANGED.
- ALL EXISTING UTILITIES WERE PLOTTED FROM RECORD INFORMATION AND FIELD TOPOGRAPHY. ACTUAL LOCATIONS MAY VARY AND ADDITIONAL CROSSINGS MAY EXIST IN THE FIELD.
- THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN EXPOSING EXISTING UTILITY CROSSINGS AND SERVICES.
- ANY DAMAGE TO EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

GRADING NOTES:

- EARTHWORK SHALL BE PERFORMED IN ACCORDANCE WITH THE SAN JOAQUIN COUNTY STANDARDS. ALL FILL AREAS SHALL BE TESTED AS REQUIRED BY THE SOIL'S REPORT. THE DEVELOPER SHALL BE RESPONSIBLE FOR COST OF INITIAL TEST. IF THE FIRST TEST FAILS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF ALL SUBSEQUENT CURVES AND TESTS.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR COST OF INITIAL TEST FOR MOISTURE DENSITY CURVE. IF THE FIRST TEST FAILS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COST OF ALL SUBSEQUENT CURVES AND TESTS.
- THE CONTRACTOR SHALL REVIEW SITE PRIOR TO BIDDING. ALL VEGETATION AND DELETERIOUS MATERIALS SHALL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR AND SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
- THE CONTRACTOR SHALL PRESERVE ALL STAKES AND POINTS SET FOR LINES, GRADES OR MEASUREMENT OF THE WORK IN THEIR PROPER PLACES UNTIL AUTHORIZED TO REMOVE THEM BY THE ENGINEER. ALL EXPENSES INCURRED IN REPLACING STAKES THAT HAVE BEEN REMOVED WITHOUT PROPER AUTHORITY SHALL BE PAID FOR BY THE CONTRACTOR.
- ALL EXISTING WELLS AND SEPTIC TANKS SHALL BE REMOVED AND/OR ABANDONED PER THE REQUIREMENTS OF THE COUNTY HEALTH DEPARTMENT. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM CLEARING COST.
- CONTRACTOR'S PRICE SHALL INCLUDE COST TO IMPORT AND EXPORT MATERIAL AS NEEDED BASED ON THE GRADING PLAN ATTACHED. THE GRADES SHOWN ON THE GRADING PLAN SHALL NOT CHANGE WITHOUT WRITTEN AUTHORIZATION OF THE ENGINEER.
- CONTRACTOR IS RESPONSIBLE FOR THE OFF HAUL AND DISPOSAL OF ANY AND ALL EXCESS DIRT.
- THE CUT AND FILL VALUES SHOWN ON THE GRADING PLAN ARE FOR REFERENCE AND FEE PURPOSES ONLY. SINCE THE ENGINEER CAN NOT CONTROL THE EXACT METHOD OR MEANS USED BY THE CONTRACTOR DURING GRADING OPERATIONS, NOR CAN THE ENGINEER GUARANTEE THE EXACT SOIL CONDITIONS OVER THE ENTIRE SITE, THE ENGINEER ASSUMES NO RESPONSIBILITY FOR FINAL EARTHWORK QUANTITIES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING HIS OWN EARTHWORK QUANTITIES FOR BIDDING, CONTRACT AND CONSTRUCTION PURPOSE. IF IT APPEARS THERE WILL BE AN EXCESS OR SHORTAGE OF MATERIAL, THE CONTRACTOR MAY NOTIFY THE ENGINEER TO DETERMINE IF POSSIBLE GRADE ADJUSTMENTS CAN BE MADE.
- CONTRACTOR SHALL PROVIDE A SMOOTH TRANSITION FROM THE PROPOSED IMPROVEMENTS TO THE EXISTING IMPROVEMENTS.
- DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTOR'S EXPENSE TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH SECTION 10 OF CALTRANS STANDARD SPECIFICATIONS AND THE REQUIREMENTS OF THE SAN JOAQUIN COUNTY. CONTRACTOR SHALL PROVIDE THEIR OWN MEANS OF WATER STORAGE AND SUPPLY FOR DUST CONTROL.

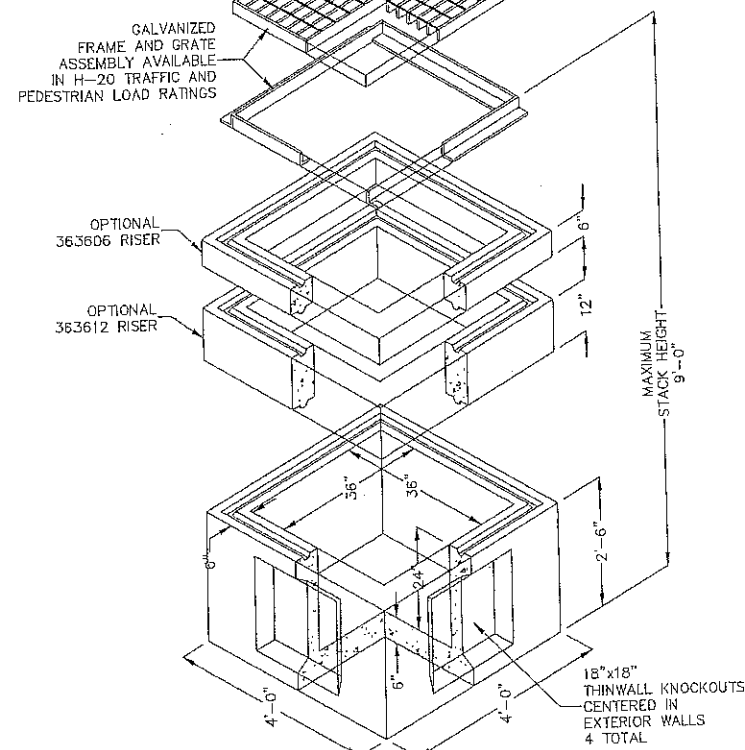
STORM DRAIN NOTES:

- THE CONTRACTOR SHALL EXPOSE EXISTING STORM DRAIN LINE(S) WHERE CONNECTION IS TO BE MADE AND INFORM ENGINEER IF THERE IS A DISCREPANCY BETWEEN THE SIGNED PLANS AND THE EXISTING FIELD CONDITION PRIOR TO THE START OF CONSTRUCTION, SO THAT THE ENGINEER CAN MAKE CHANGES PRIOR TO CONSTRUCTION.
- STORM DRAIN LINES SHALL BE INSTALLED FROM EXISTING FACILITIES UPSTREAM TO THE END OF THE LINE.
- ALL STORM DRAIN CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE COUNTY STANDARDS.
- ALL TESTING REQUIRED BY THE COUNTY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ALL SHORING, BRACING, SLOPING AND/OR OTHER PROVISIONS NECESSARY TO PROTECT WORKMEN FROM ALL AREAS TO BE EXCAVATED TO A DEPTH OF 5 FEET OR MORE. SAID PROTECTION TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE COUNTY PUBLIC WORKS DEPARTMENT AND STATE REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN, OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.
- UNDERGROUND CONTRACTOR SHALL VERIFY ALL EXISTING UNDERGROUND UTILITIES AND BE RESPONSIBLE FOR THE PROTECTION OF SAME.
- STORM DRAIN PIPE MATERIAL SHALL BE: HIGH DENSITY POLYETHYLENE PIPE
- MAINTENANCE HOLE CASTINGS AND COVERS SHALL BE ADJUSTED TO FINISH GRADES BY THE PAVING CONTRACTOR AFTER STREET IMPROVEMENTS ARE COMPLETED. COST FOR ADJUSTING FACILITIES TO BE INCLUDED IN THE UNIT PRICE FOR MAINTENANCE HOLES AND CLEANOUTS.
- ALL STORM DRAIN MAINTENANCE HOLES AND BASES SHALL BE PRECAST AND CONSTRUCTED IN ACCORDANCE WITH COUNTY STANDARDS. CONTRACTOR SHALL SET MAINTENANCE HOLE CASTING AND COVERS TO FINISH GRADE AFTER STREET IMPROVEMENTS ARE COMPLETED, AND SHALL BE RESPONSIBLE FOR LOCATION OF MAINTENANCE HOLES BENEATH THE FINISH PAVEMENT.
- ALL STORM DRAIN LINES SHALL BE CLEANED OF ALL SAND AND DEBRIS PRIOR TO ACCEPTANCE BY THE COUNTY.
- ON-SITE STORM DRAINAGE SYSTEM WILL BE PRIVATELY OWNED AND MAINTAINED.

JENSEN
PRECAST

DROP INLET

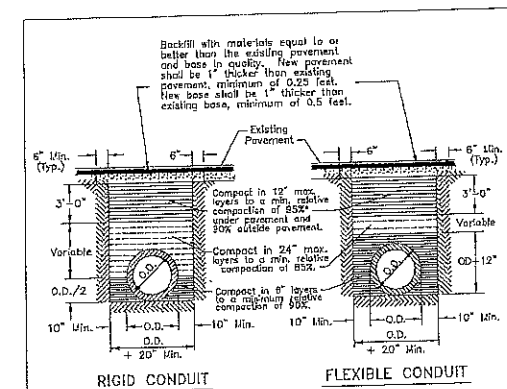
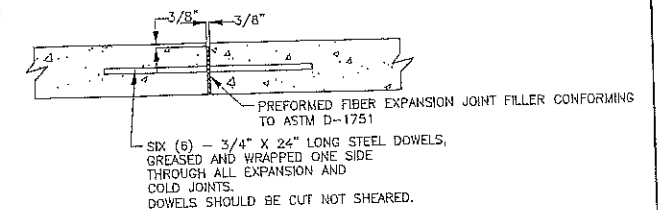
3'-0"X3'-0"X2'-0"
(NOMINAL INSIDE DIMENSIONS)
WITH 18"x18" THINWALL KNOCKOUTS



BOX DESIGN LOAD: H-20 TRAFFIC.

WATER TABLE ASSUMED TO BE BELOW BOTTOM OF STRUCTURE.

FOR COMPLETE DESIGN AND PRODUCT INFORMATION CONTACT JENSEN PRECAST.

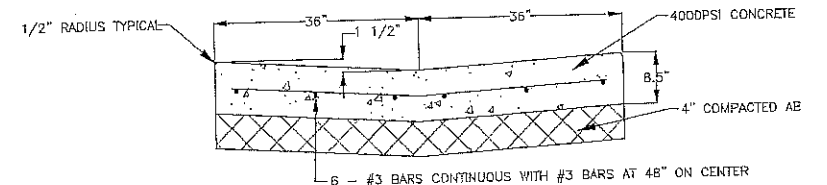


NOTES:

- Relative compaction of materials shall be tested in accordance with the State of California, Dept. of Transportation Testing Manuals, test method No. California 216 or 231.
- All existing pavement shall be neatly cut to line prior to trench excavation.
- Jetting or pumping will be permitted within the street Right of Way with a 3 year bond.
- When shown by soil composition and compactability, ninety percent (90%) compaction may be used, when approved by the Director of Public Works.
- Special bidding requirements may be shown on the plans or specified in special provisions.
- Shoulders shall be as shown on the plans or specified in the special provisions but in no case shall the shoulder be less than three feet wide or reduced from the edge of pavement.

Rev.	Revised	By	Approved
1	1000	JD	JD
COUNTY OF SAN JOAQUIN DIVISION OF PUBLIC WORKS			
Drawn by	JD	Check	JD
Checked by	JD	Date	JUNE 1997
Scale	NONE	Drawing No.	R-28

TYPICAL TRENCH BACKFILL



NOTE:

- EXPANSION JOINTS APPROX. 50' APART
- CONTRACTION JOINTS SHALL BE A MAXIMUM OF 10' APART. DEPTH SHALL BE 1/4 THE THICKNESS OF THE CONCRETE AND 1/8" WIDE.

6' WIDE VALLEY GUTTER DETAIL



DUSPIVA
Engineering
CIVIL ENGINEERING • PLANNING •
P.O. BOX 845 LODI, CA 95241
01209-333-2049

FLAG CITY TRUCK SERVICE
ANDY BIRRING
055-320-25 & 26
LODI, CA

GENERAL NOTES AND SPECIFICATIONS

JOB NO. 15-008
DATE 9-1-16
SCALE AS SHOWN
DR. BY VGD
CK. BY VGD
FILE:



SHEET NUMBER
C-2
2 OF 5