



DEVELOPMENT SERVICES
ENGINEERING DIVISION
156 S. BROADWAY, SUITE 150
TURLOCK, CA 95380

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engineering@turlock.ca.us

Date: 3/24/2017

City Project No.: 12-60C

Addendum No.: 2

Plan holders:

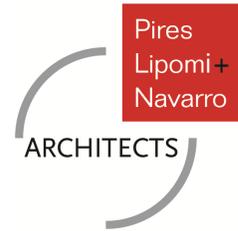
Please find attached Addendum No.2 prepared by the City's hired architectural firm, Pires, Lipomi + Navarro Architects.

If you have any questions, please call me at (209) 668-5417 or email at sfremming@turlock.ca.us.

Sincerely,

Stephen Fremming
Associate Civil Engineer

BID ADDENDUM



Date: 3/22/17

Bid Addendum # 2

Project: 12-60C Turlock Regional Transit Center – Phase 2

1. Edit plan note 4 on sheet E0.2 to read: "PROVIDE NEW 1" C WITH 2#10 THWN CU AND 1#10 CU. GND. WITH 2#16 THWN CLASS 2 WIRING FOR 0-10V DIMMING CONTROL. ALSO PROVIDE NEW 1" C SPARE. REFER TO DETAIL FOR ADDITIONAL REQUIREMENTS."
2. QUESTION: Please clarify A1.3 and detail 15/A8.7 notes for a recessed Floor Mat. No spec noted.
RESPONSE: A specification has been enclosed with this addendum. Please see **Attachment B**.
3. QUESTION: Please clarify Mail Boxes-A1.1 and detail 7/A8.7 specification not noted.
RESPONSE: A specification has been enclosed with this addendum. Please see **Attachment B**.
4. Section 00800 Article SC-13.11, "Prevailing Wage"
Replace the first sentence of the third paragraph with the following:
"The Federal minimum wage rates for this project as predetermined by the United States Secretary of Labor shall be determination # CA170029 03/10/2017 CA29 Modification # 6, unless otherwise modified by project addenda, and shall be incorporated into the final contract documents." Please see **See Attachment C**.
5. An updated TID Drawing has been provided to replace the drawing in Appendix B in the Project Specifications. Please see **Attachment D**.
6. Civil and Landscape Drawings have been updated to accommodate the TID equipment at the corner of Golden State and Hawkeye. Please see **Attachment E**.
7. Sheet Number L2, "Irrigation Plan"
Replace the references to a wireless relay assembly (WRA-27) with the following:
John Deere Green Tech irrigation controller with 16" top entry enclosure, 30 stations, Promax remote assembly, radio & high gain antenna assembly. Part no. SA6-RM4-30/RHG/PMR, or approved equal.
8. Sheet Number L2, "Irrigation Plan"
Replace the references from a rain master rain sensor to the following:
"Rain Master Weather Center measuring wind, rain, temperature, solar radiation, and humidity. Part no. EV-Wether-Centr2, or approved equal.

9. QUESTION: Please clarify Site Sign L-1 Notes Future Sign by others. A01 indicates Monument Sign.
RESPONSE: The monument sign is drawn and detailed on the architectural drawings A0.1 and A0.2. The monument sign is in the contractor's scope of work for this project.
10. QUESTION: Paragraph 2.2. of Spec section 084113 (Clad Wood Doors) states that the doors are to be low pressure decorative laminate with the color/grain to be by Lamin-Art #3051-VT "Italian Cherry". In checking with Lamin-Art, this laminate along with all of their laminates are of the high pressure laminate variety and do not come as low pressure type. In addition, Maiman (the specified manufacturer per paragraph 2.2.A.1 cannot supply laminates by Lamin-Art and will only supply generic laminates that are in their standard catalog. We have obtained pricing by VT industries of a door with the specified laminate but it is a HDPL. Please accept this door as manufactured by VT industries to be accepted for this project.
RESPONSE: A high pressure laminate is not an acceptable alternate for this project. Specification section 08 41 13, 2.2 B.2.a. shall be revised to read "Wood grain laminate color/pattern shall be selected from manufacturers standard catalogue."
11. Item #6 in Agreement (Section 008000) shall be modified as follows. "The contract shall be substantially complete before the expiration of **Three Hundred (300)** working days..." and "Final Completion shall be attained within **Three Hundred Thirty (330)** working days for Final Completion.
12. QUESTION: There are no charter or AT & T existing facilities onsite and we were unable to obtain any information from Charter or AT & T at this time. Do we stub the Charter and AT & T entrance at the south/west corner at Golden State? Please advise.
RESPONSE: Route charter and utility telephone from the building from building IT phone room 113 to TID joint pole located at Golden State and Dels Lane.
13. Sheet number E0.3
Replace the entirety of plan note number 2 with the following:
- PROVIDE (1)-6"C. PRIMARY, (1)-2"C. NEUTRAL AND (1)-2"C. FIBER PER TID STANDARDS AND REQUIREMENTS. REFER TO DETAIL 1/E5.3 FOR ADDITIONAL REQUIREMENTS AND TID CONSTRUCTION DRAWINGS FOR EXACT LOCATION AND REQUIREMENTS. COORDINATE WITH TID PRIOR TO ROUGH-IN. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WORK WITH A SEPARATE CONTRACTOR RESPONSIBLE FOR THE FULKERTH & GOLDEN STATE BLVD. INTERSECTION IMPROVEMENT PROJECT SCHEDULED TO BE CONSTRUCTED FROM APPROXIMATELY JULY 24, 2017 THROUGH OCTOBER, 2017. TEMPORARY TRAFFIC CONTROL AND SURFACE RESTORATION (LOOPS, PAVING) SHALL BE PROVIDED BY THE INTERSECTION IMPROVEMENT CONTRACTOR.
14. **Sheet number C4, "Grading Plan":**
Replace grading note number 6 with the following:
"DETECTABLE WARNING SURFACE PER CITY OF TURLOCK STD. DETAIL C-15 OF SHEET 6"
15. **Sheet number C4, "Grading Plan":**
Replace grading note number 7 with the following:
"ACCESSIBLE RAMP PER CITY OF TURLOCK STD. DETAIL C-9 OF SHEET 6"
16. **Sheet number C4, "Grading Plan":**
Replace grading note number 9 with the following:
"ACCESSIBLE RAMP PER DETAIL 1 OF SHEET A0.2 (8.33% MAX SLOPE)"

17. **Sheet number C4, "Grading Plan":**
Replace grading note number 10 with the following:
"DRIVEWAY PER CITY OF TURLOCK STD. DETAIL C-8 OF SHEET C6"
18. **Sheet number C5, "Utility Plan":**
Replace utility note number 1 with the following:
"CONNECT TO EX. SANITARY SEWER LINE PER CITY OF TURLOCK STD. S-7 OF SHEET C7.
CONTRACTOR SHALL VERIFY EX. SIZE AND INVERT ELEVATION PRIOR TO CONSTRUCTION"
19. **Sheet number C5, "Utility Plan":**
Replace utility note number 3 with the following:
"INSTALL SANITARY SEWER CLEANOUT PER CITY OF TURLOCK STD. S-7 OF SHEET C7"
20. **Sheet number C5, "Utility Plan":**
Replace utility note number 6 with the following:
"INSTALL SD CATCH BASIN PER CITY OF TURLOCK STD. DETAIL SD-4 OF SHEET C7"
21. **Sheet number C5, "Utility Plan":**
Replace utility note number 7 with the following:
"INSTALL BACKFLOW PREVENTER AND FDC PER CITY OF TURLOCK STD. DETAIL W-15 OF SHEET C8."
22. **Sheet number C5, "Utility Plan":**
Replace utility note number 9 with the following:
"INSTALL DRAIN INLET PER CITY OF TURLOCK STD. SD-11 OF SHEET C8"
23. **Sheet number C5, "Utility Plan":**
Replace utility note number 10 with the following:
"INSTALL 3' WIDE ALTERNATE CURB DRAIN UNDER SIDEWALK FROM BACK OF CATCH BASIN
STRUCTURE, PER CITY OF TURLOCK STD. DETAIL SD-8 OF SHEET C8"
24. **Sheet number C5, "Utility Plan":**
Replace utility note number 12 with the following:
"INSTALL 6" WATER VALVE PER CITY OF TURLOCK STD. W-5 OF SHEET C6"
25. **Sheet number C5, "Utility Plan":**
Delete utility note number 14 and related callout.
26. **Sheet number C5, "Utility Plan":**
Replace utility note number 17 with the following:
"INSTALL 4" DOMESTIC STANDARD METER-BACKFLOW INSTALLATION PER CITY STD. DETAIL W-12
OF SHEET C8"
27. **Sheet number C5, "Utility Plan":**
Replace utility note number 18 with the following:
"INSTALL 4" WATER VALVE PER CITY OF TURLOCK STD. DETAIL W-5 OF SHEET C6"
28. **Sheet number C6, "Civil Details":**
Replace Drawing No. C-3 approved March 25, 2008 with Drawing No. C-3 approved Dec. 2015, and
included as an attachment to this addendum.

29. **Sheet number C6, "Civil Details":**
Replace Drawing No. C-1 approved March 25, 2008 with Drawing No. C-1 approved Dec. 2015, and included as an attachment to this addendum.
30. **Sheet number C6, "Civil Details":**
Replace Drawing No. C-13 approved March 25, 2008 with Drawing No. C-15 approved Dec. 2015, and included as an attachment to this addendum.
31. **Sheet number C6, "Civil Details":**
Replace Drawing No. C-7 approved March 25, 2008 with Drawing No. C-9 approved Dec. 2015, and included as an attachment to this addendum.
32. **Sheet number C6, "Civil Details":**
Replace Drawing No. C-6 approved March 25, 2008 with Drawing No. C-8 approved Dec. 2015, and included as an attachment to this addendum.
33. **Sheet number C6, "Civil Details":**
Add City Standard Drawing No. W-5 approved Dec. 2015, and included as an attachment to this addendum.
34. **Sheet number C7, "Civil Details":**
Replace Drawing No. T-1 approved March 25, 2008 with Drawing No. T-1 approved Dec. 2015, and included as an attachment to this addendum.
35. **Sheet number C7, "Civil Details":**
Replace Drawing No. S-6 approved March 25, 2008 with Drawing No. S-7 approved Dec. 2015, and included as an attachment to this addendum.
36. **Sheet number C7, "Civil Details":**
Replace Drawing No. SD-3A approved March 25, 2008 with Drawing No. SD-4 approved Dec. 2015, and included as an attachment to this addendum.
37. **Sheet number C7, "Civil Details":**
Replace Drawing No. S-2 approved March 25, 2008 with Drawing No. S-2 approved Dec. 2015, and included as an attachment to this addendum.
38. **Sheet number C7, "Civil Details":**
Replace Drawing No. S-3 approved March 25, 2008 with Drawing No. S-3 approved Dec. 2015, and included as an attachment to this addendum.
39. **Sheet number C7, "Civil Details":**
Replace Drawing No. S-9 approved March 25, 2008 with Drawing No. S-10 approved Dec. 2015, and included as an attachment to this addendum.
40. **Sheet number C8, "Civil Details":**
Replace Drawing No. W-11 approved March 25, 2008 with Drawing No. W-15 approved Dec. 2015, and included as an attachment to this addendum.

41. Sheet number C8, "Civil Details":

Replace Drawing No. SD-7B approved March 25, 2008 with Drawing No. SD-11 approved Dec. 2015, and included as an attachment to this addendum.

42. Sheet number C8, "Civil Details":

Replace Drawing No. SD-6A approved March 25, 2008 with Drawing No. SD-8 approved Dec. 2015, and included as an attachment to this addendum.

43. Sheet number C8, "Civil Details":

Replace Drawing No. W-1 approved March 25, 2008 with Drawing No. W-1 approved Dec. 2015, and included as an attachment to this addendum.

44. Sheet number C8, "Civil Details":

Replace Drawing No. W-9 approved March 25, 2008 with Drawing No. W-12 approved Dec. 2015, and included as an attachment to this addendum.

45. Sheet number C8, "Civil Details":

Replace Drawing No. W-1A approved March 25, 2008 with Drawing No. W-2 approved Dec. 2015, and included as an attachment to this addendum.

46. Specification section 00800, Replace the entirety of Article SC-15.1 and substitute the following in lieu thereof:

Claims between the Owner and Contractor shall be addressed as provided by California Public Contract Code Section 9204, which is set forth in its entirety:

§ 9204. Legislative findings and declarations regarding timely and complete payment of contractors for public works projects; claims process

- (a) The Legislature finds and declares that it is in the best interests of the state and its citizens to ensure that all construction business performed on a public works project in the state that is complete and not in dispute is paid in full and in a timely manner.
- (b) Notwithstanding any other law, including, but not limited to, Article 7.1 (commencing with Section 10240) of Chapter 1 of Part 2, Chapter 10 (commencing with Section 19100) of Part 2, and Article 1.5 (commencing with Section 20104) of Chapter 1 of Part 3, this section shall apply to any claim by a contractor in connection with a public works project.
- (c) For purposes of this section:

- (1) "Claim" means a separate demand by a contractor sent by registered mail or certified mail with return receipt requested, for one or more of the following:
 - (A) A time extension, including, without limitation, for relief from damages or penalties for delay assessed by a public entity under a contract for a public works project.
 - (B) Payment by the public entity of money or damages arising from work done by, or on behalf of, the contractor pursuant to the contract for a public works project and payment for which is not otherwise expressly provided or to which the claimant is not otherwise entitled.
 - (C) Payment of an amount that is disputed by the public entity.
- (2) "Contractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who has entered into a direct contract with a public entity for a public works project.
- (3)(A) "Public entity" means, without limitation, except as provided in subparagraph (B), a state agency, department, office, division, bureau, board, or commission, the California State University, the University of California, a city, including a charter city, county, including a

charter county, city and county, including a charter city and county, district, special district, public authority, political subdivision, public corporation, or nonprofit transit corporation wholly owned by a public agency and formed to carry out the purposes of the public agency.

(B) "Public entity" shall not include the following:

- (i) The Department of Water Resources as to any project under the jurisdiction of that department.
- (ii) The Department of Transportation as to any project under the jurisdiction of that department.
- (iii) The Department of Parks and Recreation as to any project under the jurisdiction of that department.
- (iv) The Department of Corrections and Rehabilitation with respect to any project under its jurisdiction pursuant to Chapter 11 (commencing with Section 7000) of Title 7 of Part 3 of the Penal Code.

(v) The Military Department as to any project under the jurisdiction of that department.

(vi) The Department of General Services as to all other projects.

(vii) The High-Speed Rail Authority.

(4) "Public works project" means the erection, construction, alteration, repair, or improvement of any public structure, building, road, or other public improvement of any kind.

(5) "Subcontractor" means any type of contractor within the meaning of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code who either is in direct contract with a contractor or is a lower tier subcontractor.

(d)(1)(A) Upon receipt of a claim pursuant to this section, the public entity to which the claim applies shall conduct a reasonable review of the claim and, within a period not to exceed 45 days, shall provide the claimant a written statement identifying what portion of the claim is disputed and what portion is undisputed. Upon receipt of a claim, a public entity and a contractor may, by mutual agreement, extend the time period provided in this subdivision.

(B) The claimant shall furnish reasonable documentation to support the claim.

(C) If the public entity needs approval from its governing body to provide the claimant a written statement identifying the disputed portion and the undisputed portion of the claim, and the governing body does not meet within the 45 days or within the mutually agreed to extension of time following receipt of a claim sent by registered mail or certified mail, return receipt requested, the public entity shall have up to three days following the next duly publicly noticed meeting of the governing body after the 45-day period, or extension, expires to provide the claimant a written statement identifying the disputed portion and the undisputed portion.

(D) Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. If the public entity fails to issue a written statement, paragraph (3) shall apply.

(2)(A) If the claimant disputes the public entity's written response, or if the public entity fails to respond to a claim issued pursuant to this section within the time prescribed, the claimant may demand in writing an informal conference to meet and confer for settlement of the issues in dispute. Upon receipt of a demand in writing sent by registered mail or certified mail, return receipt requested, the public entity shall schedule a meet and confer conference within 30 days for settlement of the dispute.

- (B) Within 10 business days following the conclusion of the meet and confer conference, if the claim or any portion of the claim remains in dispute, the public entity shall provide the claimant a written statement identifying the portion of the claim that remains in dispute and the portion that is undisputed. Any payment due on an undisputed portion of the claim shall be processed and made within 60 days after the public entity issues its written statement. Any disputed portion of the claim, as identified by the contractor in writing, shall be submitted to nonbinding mediation, with the public entity and the claimant sharing the associated costs equally. The public entity and claimant shall mutually agree to a mediator within 10 business days after the disputed portion of the claim has been identified in writing. If the parties cannot agree upon a mediator, each party shall select a mediator and those mediators shall select a qualified neutral third party to mediate with regard to the disputed portion of the claim. Each party shall bear the fees and costs charged by its respective mediator in connection with the selection of the neutral mediator. If mediation is unsuccessful, the parts of the claim remaining in dispute shall be subject to applicable procedures outside this section.
- (C) For purposes of this section, mediation includes any nonbinding process, including, but not limited to, neutral evaluation or a dispute review board, in which an independent third party or board assists the parties in dispute resolution through negotiation or by issuance of an evaluation. Any mediation utilized shall conform to the timeframes in this section.
- (D) Unless otherwise agreed to by the public entity and the contractor in writing, the mediation conducted pursuant to this section shall excuse any further obligation under Section 20104.4 to mediate after litigation has been commenced.
- (E) This section does not preclude a public entity from requiring arbitration of disputes under private arbitration or the Public Works Contract Arbitration Program, if mediation under this section does not resolve the parties' dispute.
- (3) Failure by the public entity to respond to a claim from a contractor within the time periods described in this subdivision or to otherwise meet the time requirements of this section shall result in the claim being deemed rejected in its entirety. A claim that is denied by reason of the public entity's failure to have responded to a claim, or its failure to otherwise meet the time requirements of this section, shall not constitute an adverse finding with regard to the merits of the claim or the responsibility or qualifications of the claimant.
- (4) Amounts not paid in a timely manner as required by this section shall bear interest at 7 percent per annum.
- (5) If a subcontractor or a lower tier subcontractor lacks legal standing to assert a claim against a public entity because privity of contract does not exist, the contractor may present to the public entity a claim on behalf of a subcontractor or lower tier subcontractor. A subcontractor may request in writing, either on his or her own behalf or on behalf of a lower tier subcontractor, that the contractor present a claim for work which was performed by the subcontractor or by a lower tier subcontractor on behalf of the subcontractor. The subcontractor requesting that the claim be presented to the public entity shall furnish reasonable documentation to support the claim. Within 45 days of receipt of this written request, the contractor shall notify the subcontractor in writing as to whether the contractor presented the claim to the public entity and, if the original contractor did not present the claim, provide the subcontractor with a statement of the reasons for not having done so.

- (e) The text of this section or a summary of it shall be set forth in the plans or specifications for any public works project that may give rise to a claim under this section.
- (f) A waiver of the rights granted by this section is void and contrary to public policy, provided, however, that (1) upon receipt of a claim, the parties may mutually agree to waive, in writing, mediation and proceed directly to the commencement of a civil action or binding arbitration, as applicable; and (2) a public entity may prescribe reasonable change order, claim, and dispute resolution procedures and requirements in addition to the provisions of this section, so long as the contractual provisions do not conflict with or otherwise impair the timeframes and procedures set forth in this section.
- (g) This section applies to contracts entered into on or after January 1, 2017.
- (h) Nothing in this section shall impose liability upon a public entity that makes loans or grants available through a competitive application process, for the failure of an awardee to meet its contractual obligations.
- (i) This section shall remain in effect only until January 1, 2020, and as of that date is repealed, unless a later enacted statute, that is enacted before January 1, 2020, deletes or extends that date.

47. QUESTION: A note on sheet C3 states "Protect existing tree in place. Coordinate with City prior to any work near tree." Sheet C5 shows the installation of a 6" water line extending across the road at the location of said tree. The salvaging of this tree may not be feasible. Is re-routing the water line at the tree allowable?

RESPONSE: Re-routing the water line is a feasible option. The proposed fire hydrant water line connects to was approved by the Turlock Fire Department in the location shown. The angle the water line traverses across Golden State Blvd. may be adjusted to avoid the tree in question and/or the water line can head north off the proposed fire hydrant and tee off to traverse Golden State Blvd directly perpendicular.

48. QUESTION: On sheet L3 it states to replace all turf distributed by construction activities. This item cannot be bid as there is no stated quantity. Provide quantity.

RESPONSE: Quantity of turf replace is dependent on level of care and efficiency of contractor during construction activity. Bidding contractors are expected to estimate the amount of damage as a result of their work and bid appropriately.

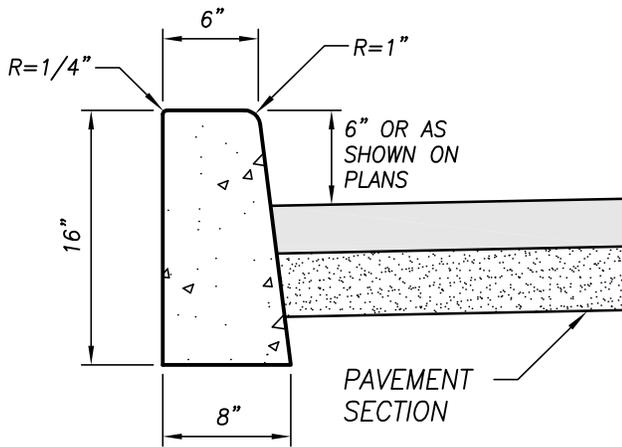
49. QUESTION: At the North entrance along Golden State Blvd. the Civil show an area of drain rock 12 inches deep, the landscape drawings show planning in this area along with irrigation, what prevails?

RESPONSE: Civil plans prevail in this case.

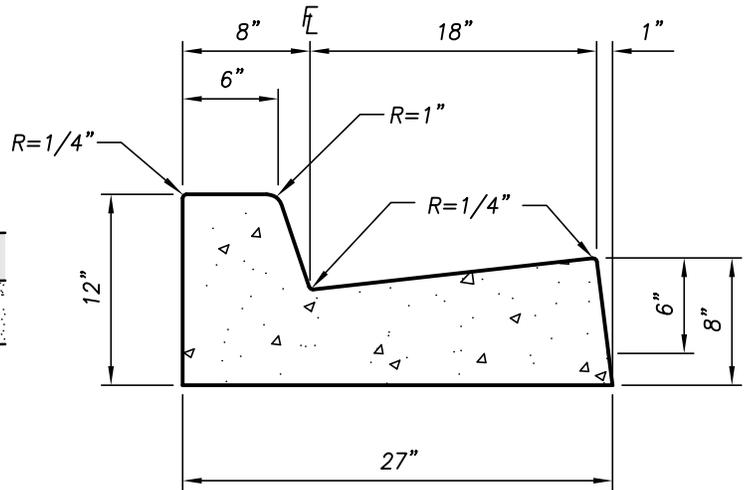
END OF ADDENDUM

ATTACHMENT A

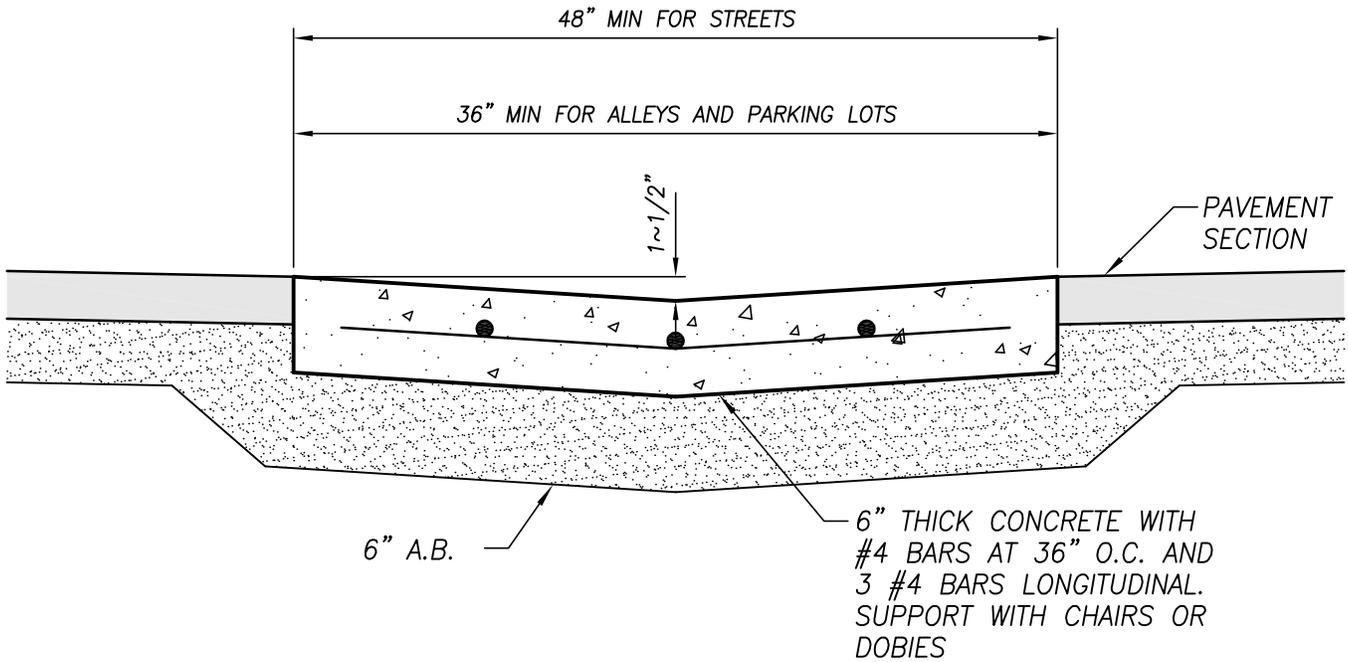
UPDATED CITY STANDARDS DRAWINGS



VERTICAL CURB



CURB AND GUTTER



VALLEY GUTTER

NOTES:

1. INSTALL WEAKENED PLANE JOINT AT 10' INTERVALS
2. GUTTER FLOW LINES SHALL BE WATER TESTED FOR FLOW
3. FLOW LINE OF GUTTERS SHALL SLOPE AT 0.20% MIN, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER

CURB AND GUTTERS



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

CITY OF TURLOCK

APPROVED BY:

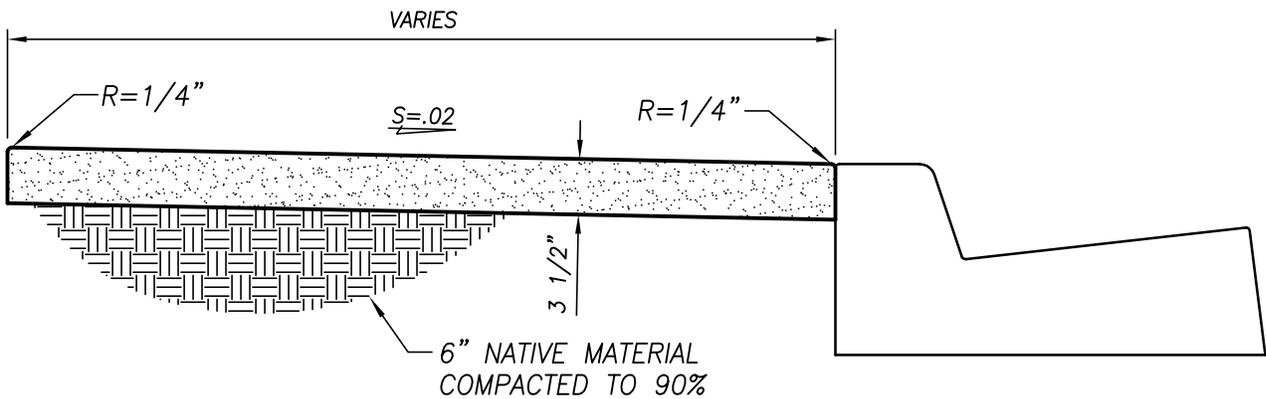
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

C-1

COUNCIL APPROVAL

DEC, 2015

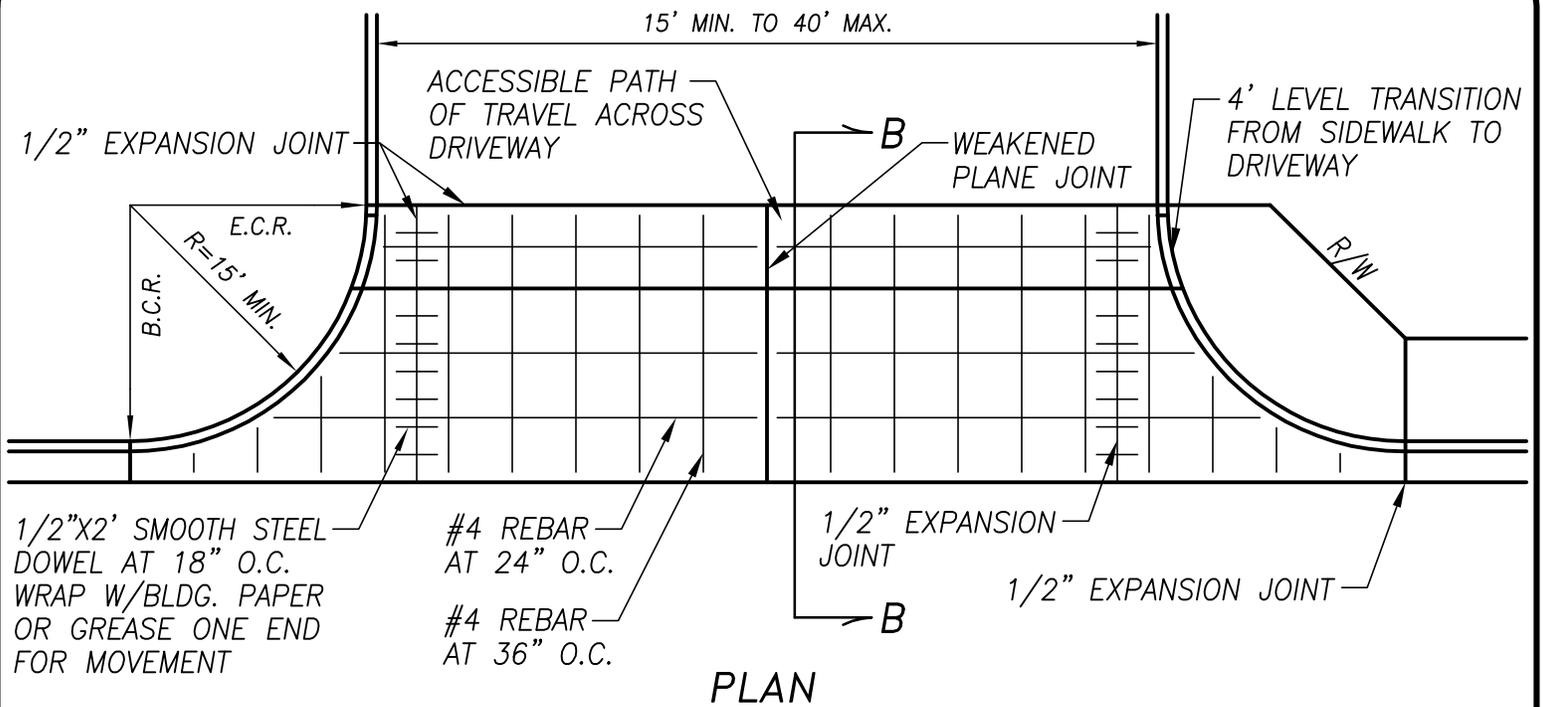


NOTES:

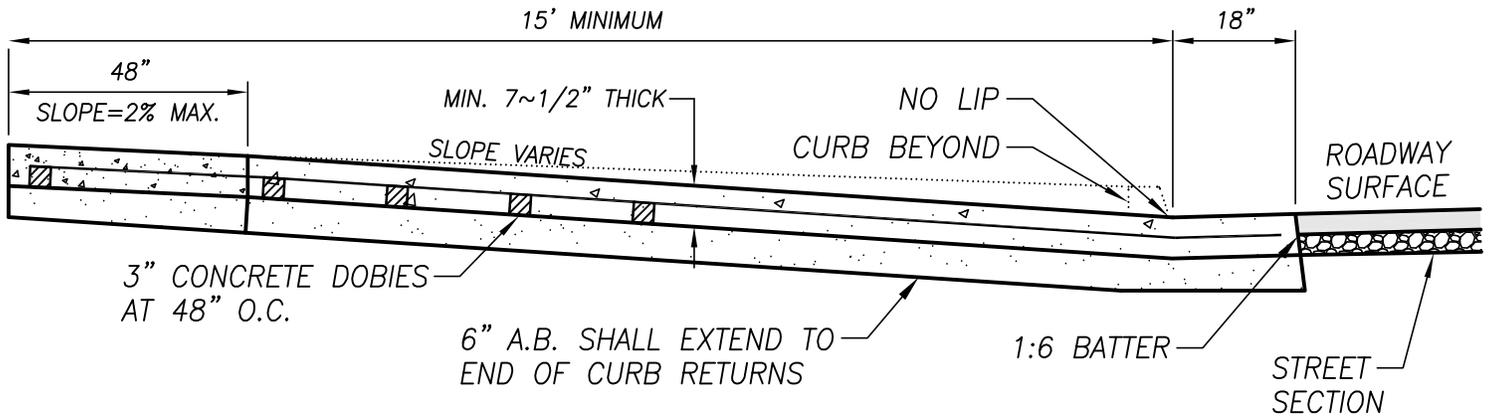
1. ALL CONCRETE WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY STANDARD SPECIFICATIONS
2. SEE ST-1 FOR ADDITIONAL INFORMATION REGARDING SIDEWALK LOCATION
3. SEE C-2 FOR LOCATIONS OF JOINTS AND SCORE MARKS
4. PROVIDE MIN 48" OF CLEARANCE AROUND OBSTRUCTIONS. SEE C-4.

RESIDENTIAL AND COMMERCIAL SIDEWALK

	DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO. C-3
	CHECK BY: NBB	APPROVED BY: 	COUNCIL APPROVAL
	SCALE: NONE	CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	DEC, 2015



PLAN



SECTION B-B

NOTES:

1. SUB-GRADE COMPACTION SHALL BE 95%
2. CONCRETE SURFACE SHALL BE TROWELED SMOOTH & HAIR BROOMED
3. CONCRETE CURING SHALL BE PER CURRENT CALTRANS SPECIFICATIONS
4. GUTTER FLOW LINE SHALL BE WATER TESTED FOR FLOW
5. PROVIDE A WEAKENED PLANE JOINT OF 1~1/2" MINIMUM DEPTH AND 1/8" MAXIMUM WIDTH IN THE MIDDLE OF THE DRIVEWAY APPROACH AND GUTTER
6. MULTI FAMILY UNITS SHALL USE THIS APPROACH
7. 150' MIN. FROM D/W CENTERLINE TO CURB RETURN
8. DRIVEWAYS OVER 40' WIDE MUST BE APPROVED BY THE CITY ENGINEER
9. UP TO 1~1/2" GUTTER LIP MAY BE PROJECTED THROUGH DRIVEWAY WITH CITY ENGINEER'S APPROVAL

COMMERCIAL/INDUSTRIAL DRIVEWAY APPROACH



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

CITY OF TURLOCK

APPROVED BY:

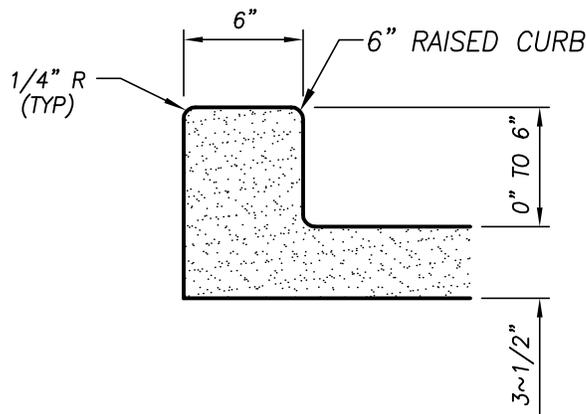
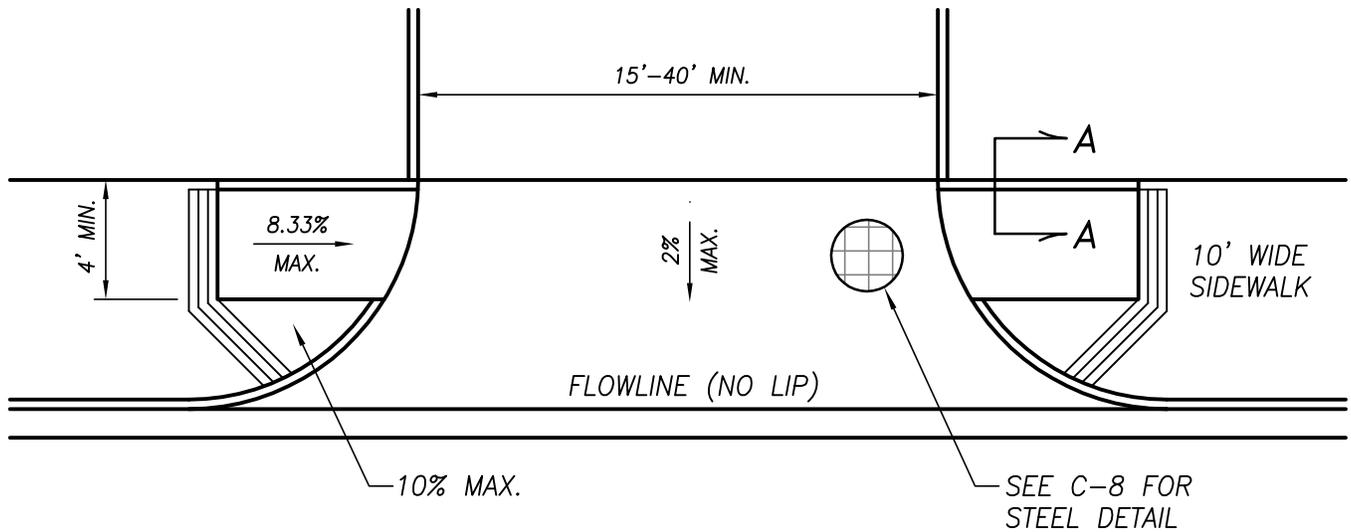
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

C-8

COUNCIL APPROVAL

DEC, 2015



SECTION A-A

NOTES:

1. THE APPROACH SHALL HAVE COLD JOINTS AT THE PROPERTY LINE AND AT EACH END. A WEAKENED PLANE JOINT IS REQUIRED AT THE END OF THE APPROACH
2. THE APPROACH SHALL BE 7~1/2" THICK
3. WIDTHS GREATER THAN 40' MUST BE APPROVED BY THE CITY ENGINEER
4. INTERMEDIATE WEAKENED PLANE JOINTS IN ACCORDANCE WITH SECTION 13-1.06, CONSTRUCTION PROCEDURES OF STANDARD SPECIFICATIONS
5. UP TO 1~1/2" GUTTER LIP MAY BE PROJECTED THROUGH DRIVEWAY WITH CITY ENGINEER'S APPROVAL

COMMERCIAL/INDUSTRIAL DRIVEWAY APPROACH



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

CITY OF TURLOCK

APPROVED BY:

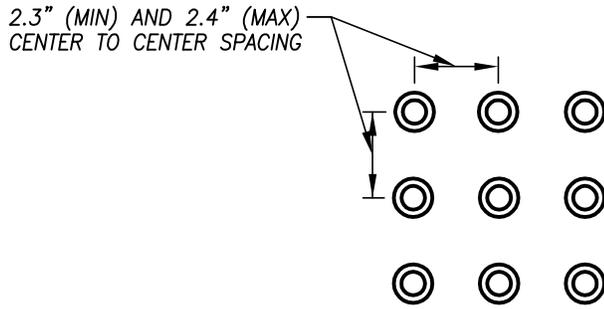
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

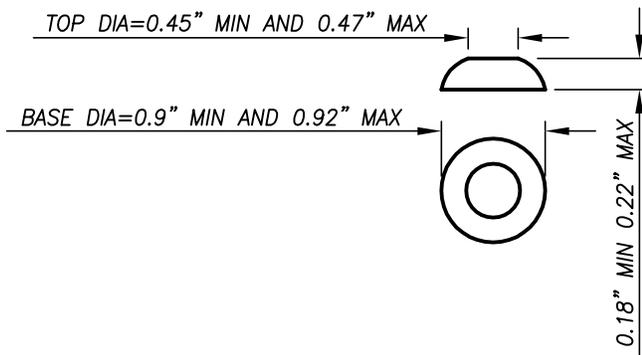
C-9

COUNCIL APPROVAL

DEC, 2015



RAISED TRUNCATED DOME
PATTERN (IN-LINE)



RAISED TRUNCATED DOME

DETECTABLE WARNING SURFACE

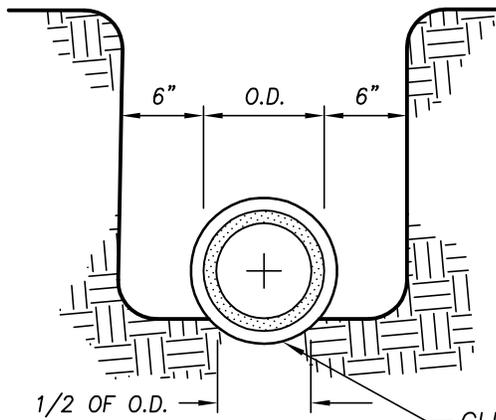
NOTES:

1. CAST-IN-PLACE PREFABRICATED DETECTABLE WARNING SURFACE SHALL BE COMPOSED OF A VITRIFIED POLYMER INCLUDING ALUMINUM OXIDE ("ARMOR-TILE" OR APPROVED EQUAL). COLOR SHALL BE SAFETY YELLOW. FIELD SURFACE AND TOP OF DOMES TO HAVE A SLIP RESISTANCE SURFACE.
2. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. A 4'-0" WIDE DETECTABLE WARNING SURFACE MAY BE USED ON A 4'-2" WIDE CURB RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.

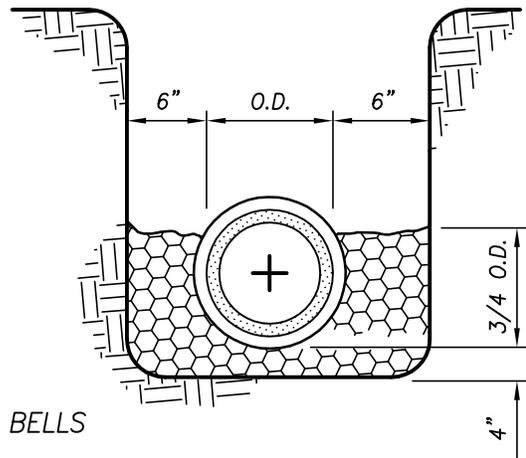
DETECTABLE WARNING SURFACE



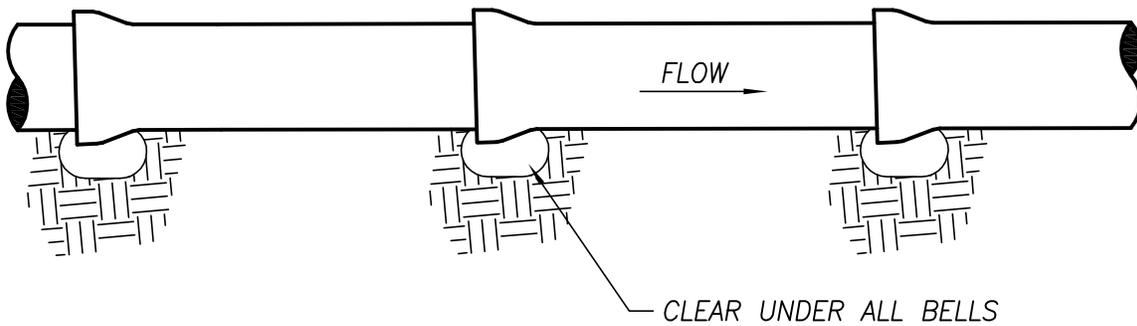
DRAWN BY: JSH	CITY OF TURLOCK	DRAWING NO. C-15
CHECK BY: NBB	APPROVED BY: 	COUNCIL APPROVAL
SCALE: NONE	CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	DEC, 2015



STANDARD TRENCH (TYP.)



IMPROVED BEDDING



NOTES:

1. WHEN BASE OF TRENCH IS HARD PAN, CONTRACTOR SHALL OVER-EXCAVATE 4" MIN. AND PLACE IMPORT OR SELECT NATIVE MATERIAL PRIOR TO INSTALLING PIPE
2. BACKFILL SETTLING AND COMPACTION SHALL NOT BE ACHIEVED BY MEANS OF "JETTING" OR PONDING.

SEWER LINE DETAIL



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

CITY OF TURLOCK

APPROVED BY:

CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

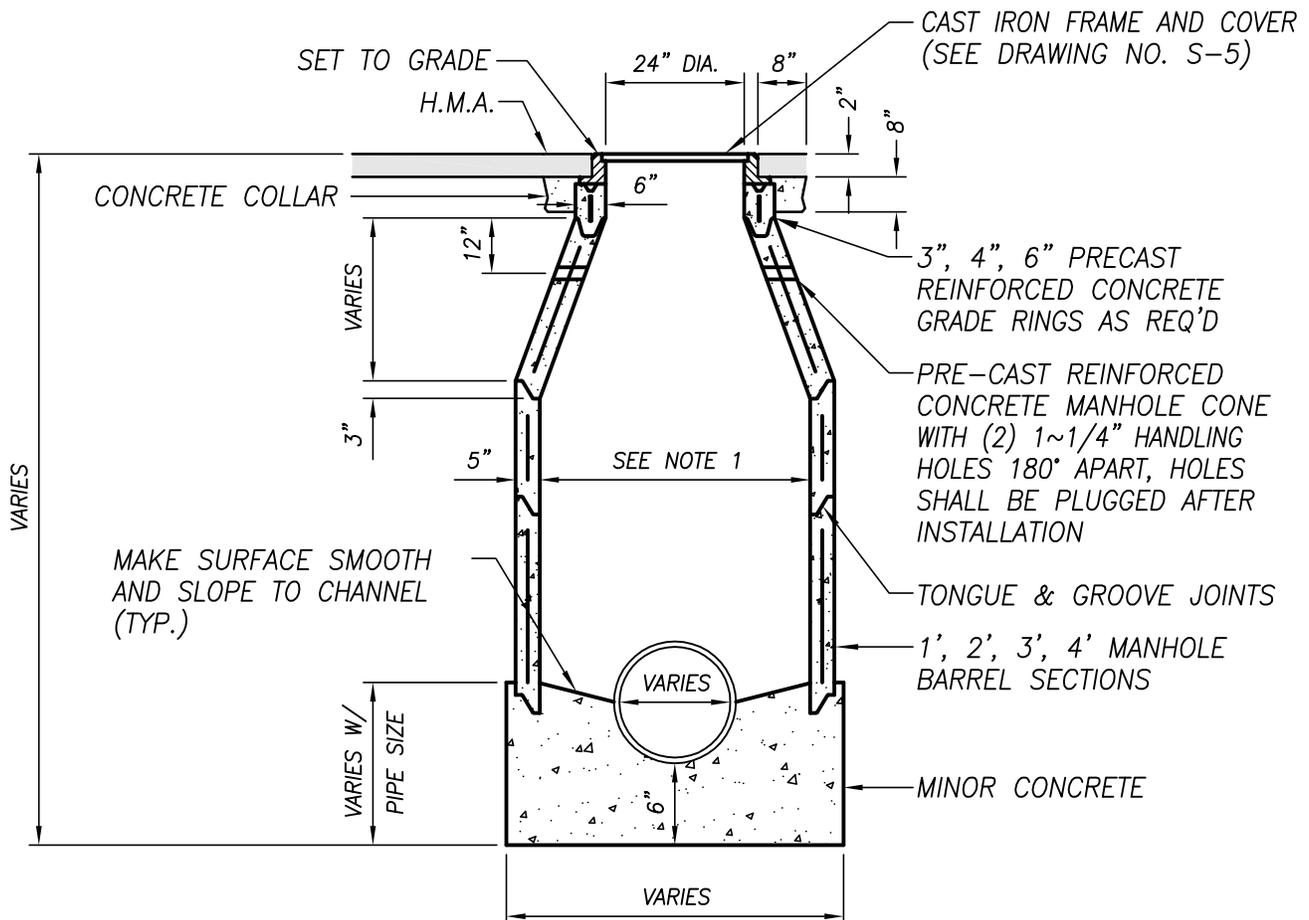
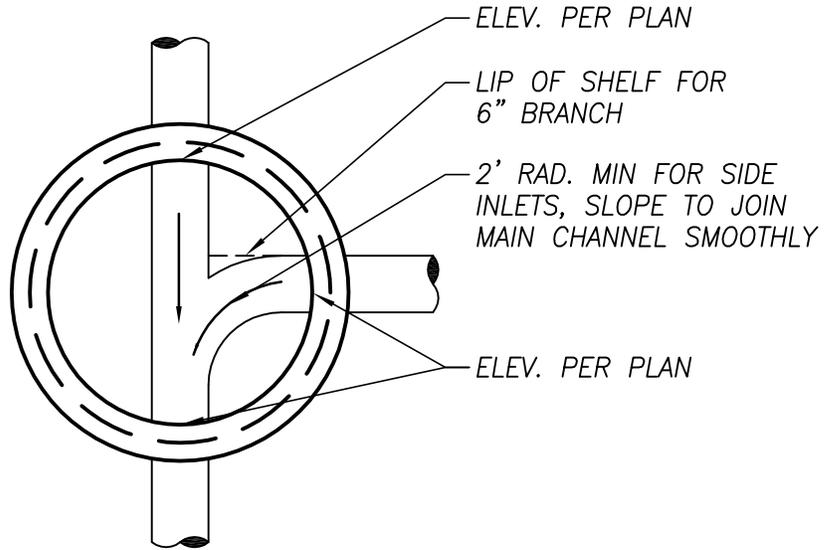
S-2

COUNCIL APPROVAL

DEC, 2015

NOTES:

1. MANHOLE DIAMETER SHALL BE 48" WHEN SERVING PIPES 24" IN DIAMETER OR SMALLER. MANHOLE DIAMETER SHALL BE 60" WHEN SERVING PIPES LARGER THAN 24" IN DIAMETER
2. SEE STANDARD DWG. S-4 FOR DROP MANHOLE DETAIL
3. THE DEPTH OF CHANNELS FLOWING INTO THE MAIN LINE SHALL BE NO DEEPER THAN HALF IT'S PIPE DIAMETER
4. ALL JOINTS SHALL BE SET WITH RAMNEK, OR APPROVED EQUAL, AND GROUTED



STANDARD MANHOLE

CITY OF TURLOCK



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

APPROVED BY:

Michael G. Pitcock

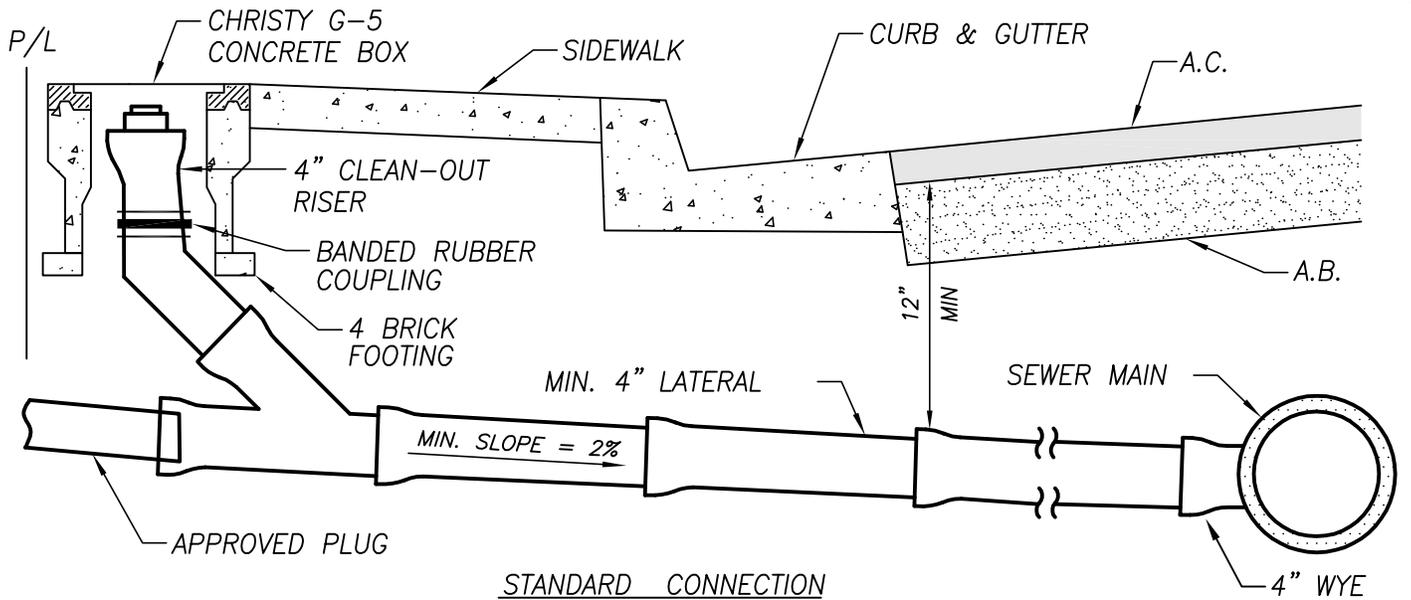
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

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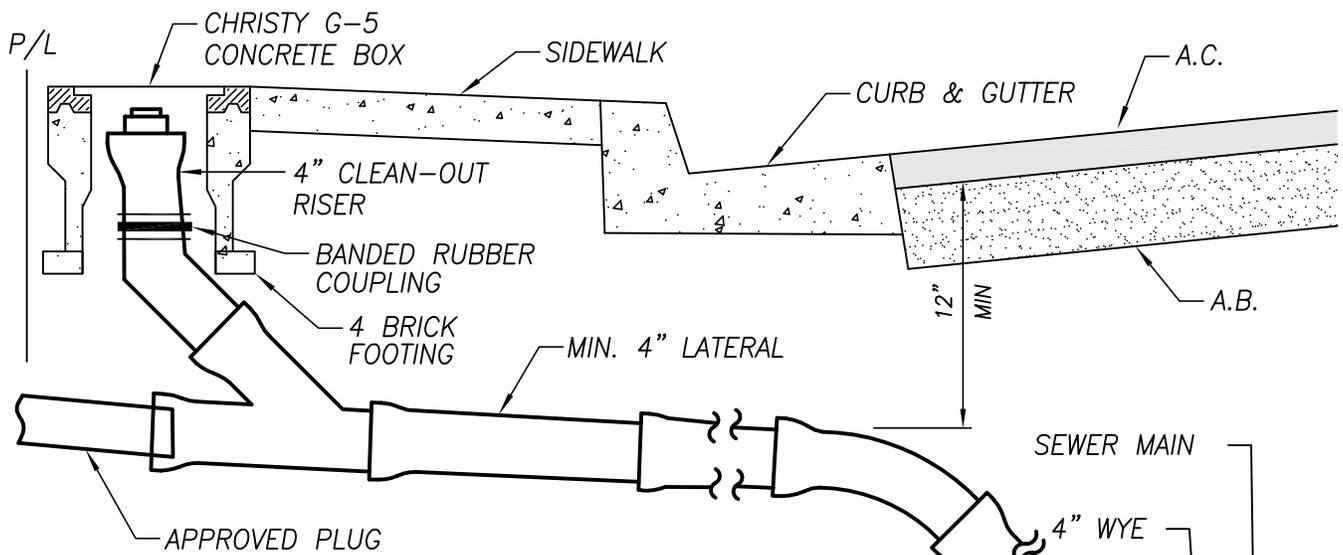
S-3

COUNCIL APPROVAL

DEC, 2015



STANDARD CONNECTION



DEEP SEWER CONNECTION

NOTES:

1. IF DEPTH FROM GUTTER FLOW LINE TO TOP OF SEWER PIPE IS LESS THAN 12", DUCTILE IRON PIPE SHALL BE USED.
2. A LETTER 'S' (4" HIGH) SHALL BE STAMPED ON CURB FACE OVER CONNECTION PIPE.
3. RESIDENTIAL CONNECTIONS IN STREETS SHALL BE INSTALLED TO PROPERTY LINE.
4. CONNECTIONS IN ALLEYS SHALL BE INSTALLED TO PROPERTY LINE.
5. SEWER CONNECTION SHALL BE PER STANDARD SPECIFICATIONS. MINIMUM DIAMETER SHALL BE 4".
6. CHRISTY BOX TO BE PLACED 12 INCHES BACK OF SIDEWALK ON PROPERTY LINE SIDE.

SEWER CONNECTIONS

CITY OF TURLOCK



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

APPROVED BY:

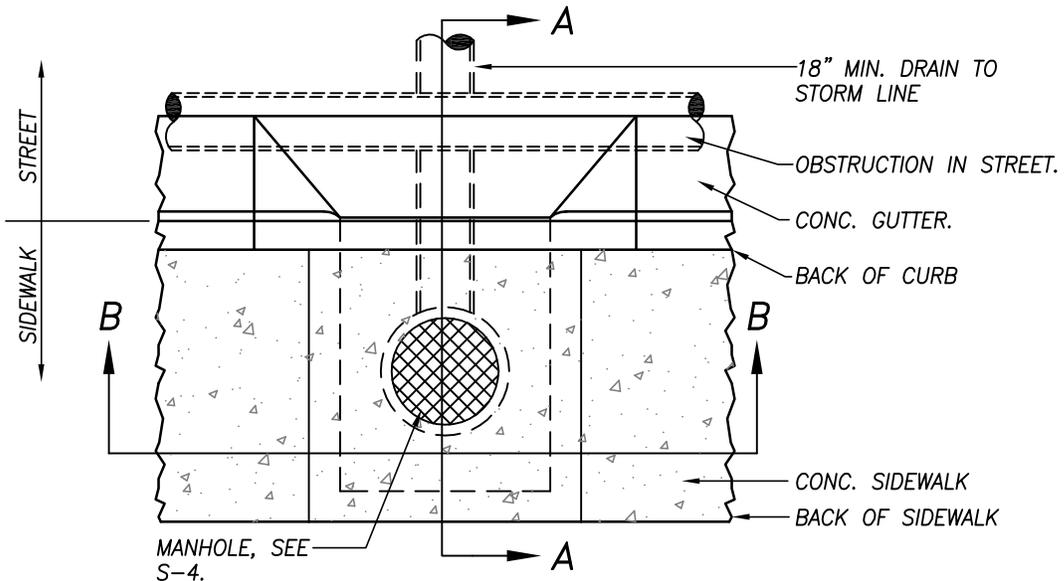
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

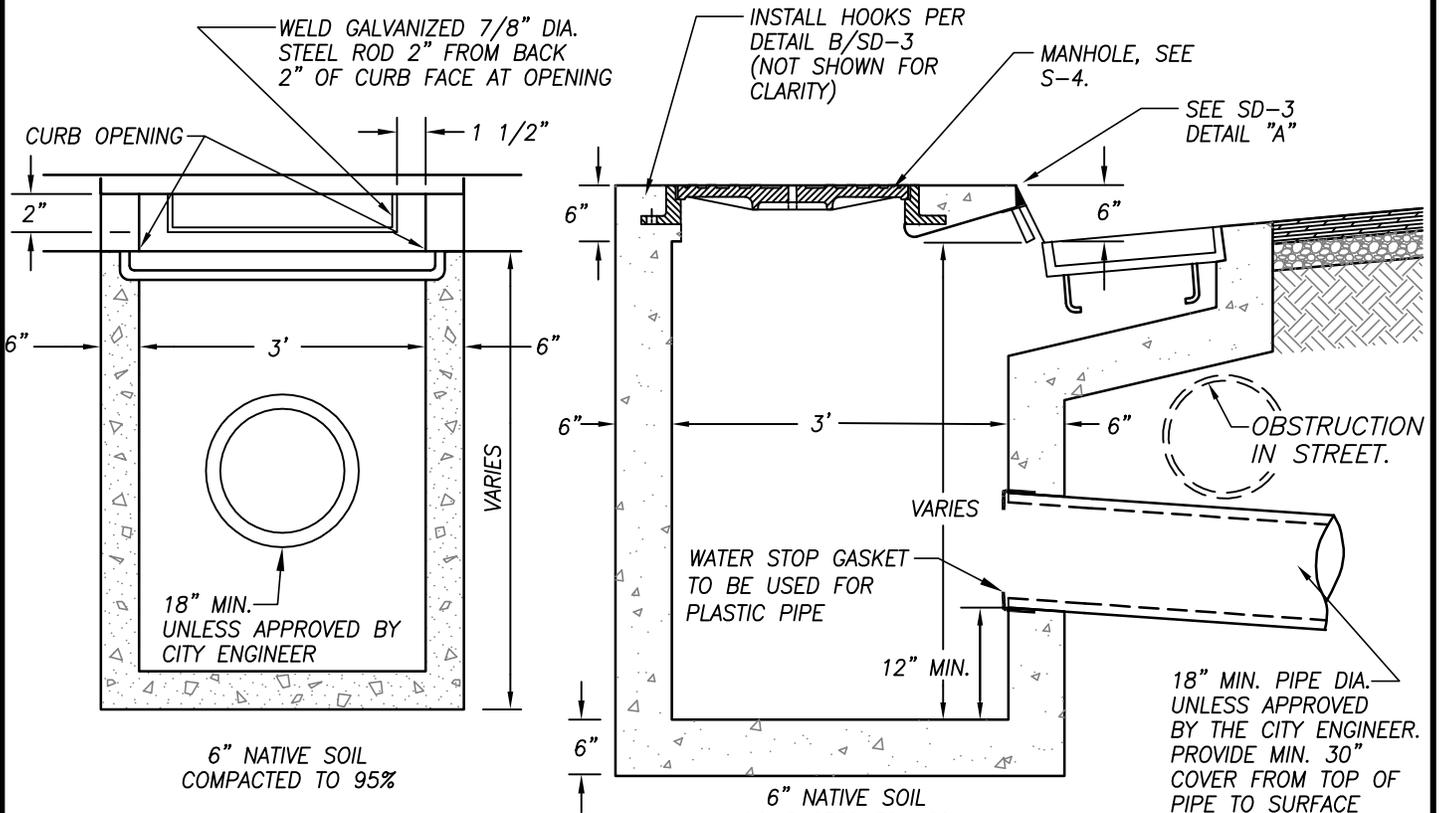
S-7

COUNCIL APPROVAL

DEC, 2015



PLAN



NOTE:
ONLY TO BE USED WITH THE WRITTEN PERMISSION OF THE CITY ENGINEER

CATCH BASIN NO. 4

CITY OF TURLOCK

DRAWING NO.

SD-4



DRAWN BY: JSH

CHECK BY: NBB

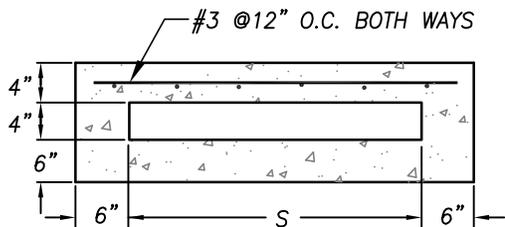
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APPROVED BY:

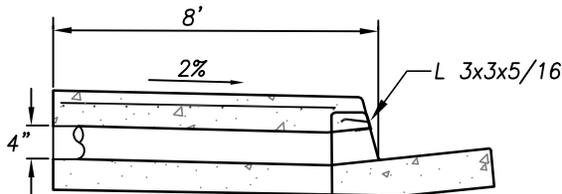
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

COUNCIL APPROVAL

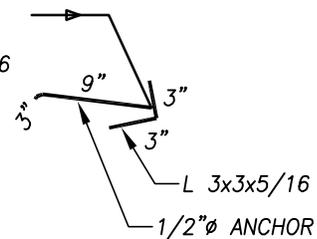
NOV., 2015



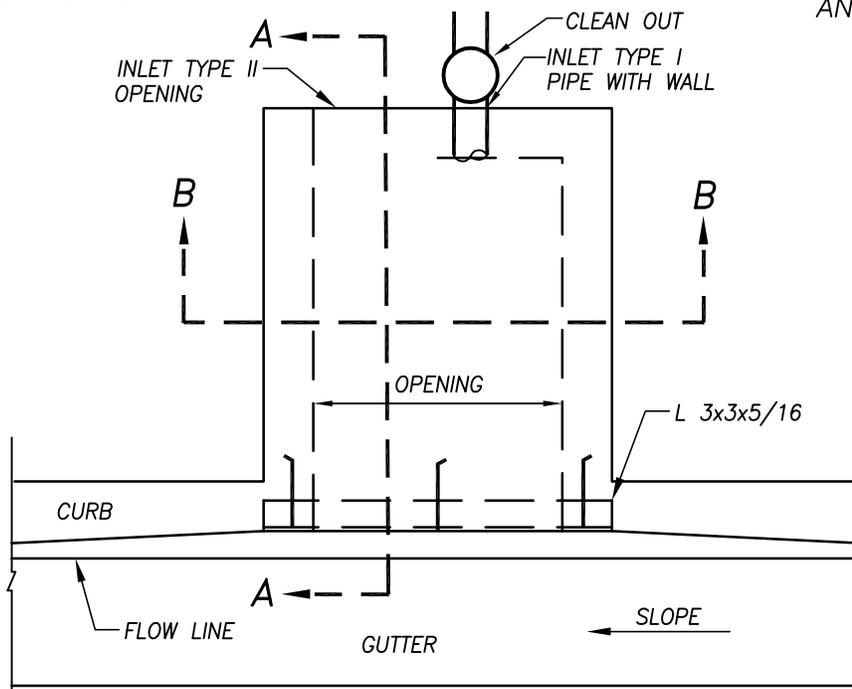
SECTION B-B



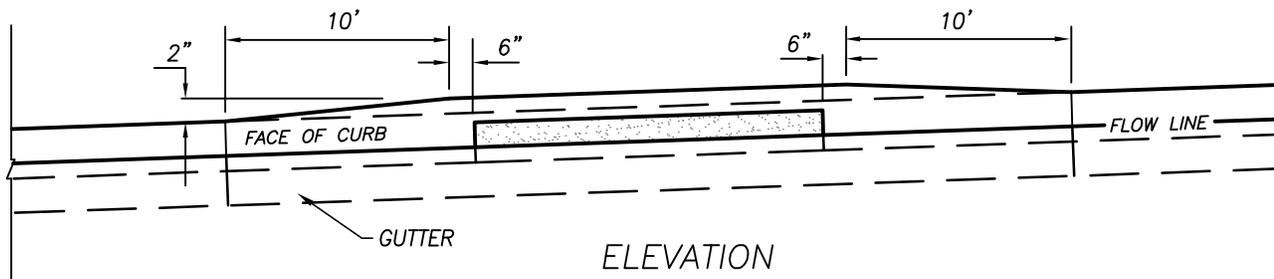
SECTION A-A



ANGLE ANCHOR DETAIL



PLAN



ELEVATION

NOTES:

1. "S" SHALL NOT EXCEED 6 FEET.
2. FLOOR OF BOX TO BE TROWELED SMOOTH.
3. TOP OF INLET STRUCTURE TO BE FLUSH WITH ADJACENT SURFACE WHERE PRACTICABLE.
4. THE 3" LEG OF THE INTERIOR ANCHORS SHALL BE PARALLEL TO THE TOP OF SIDEWALK.
5. FOR "S" IN EXCESS OF 4 FEET A DOUBLE BOX STRUCTURE SHALL BE USED.

ALTERNATE CURB DRAIN

CITY OF TURLOCK



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

APPROVED BY:

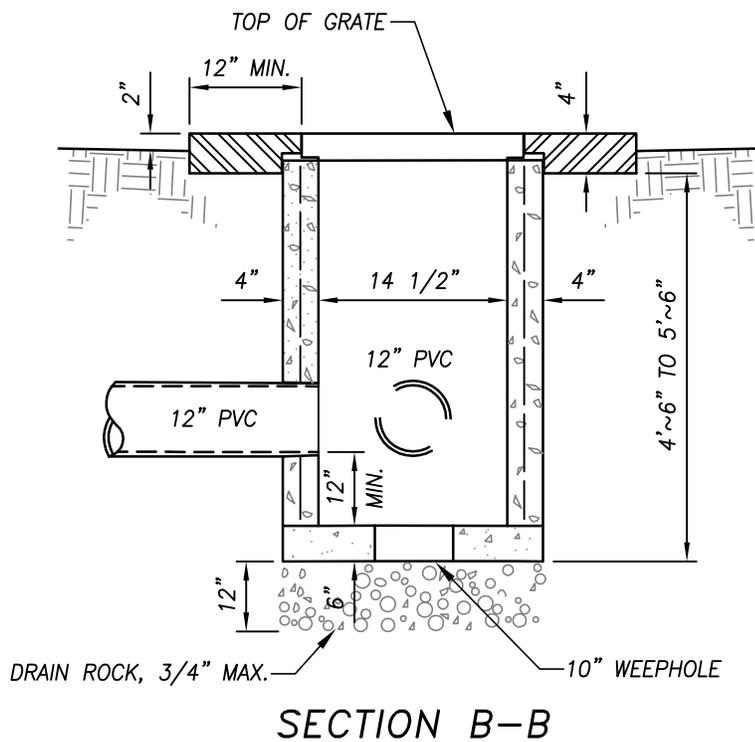
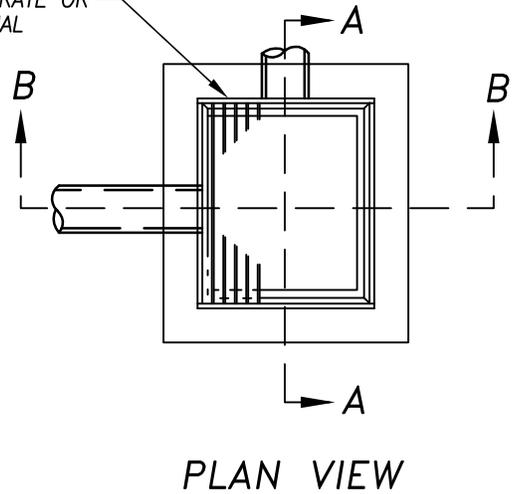
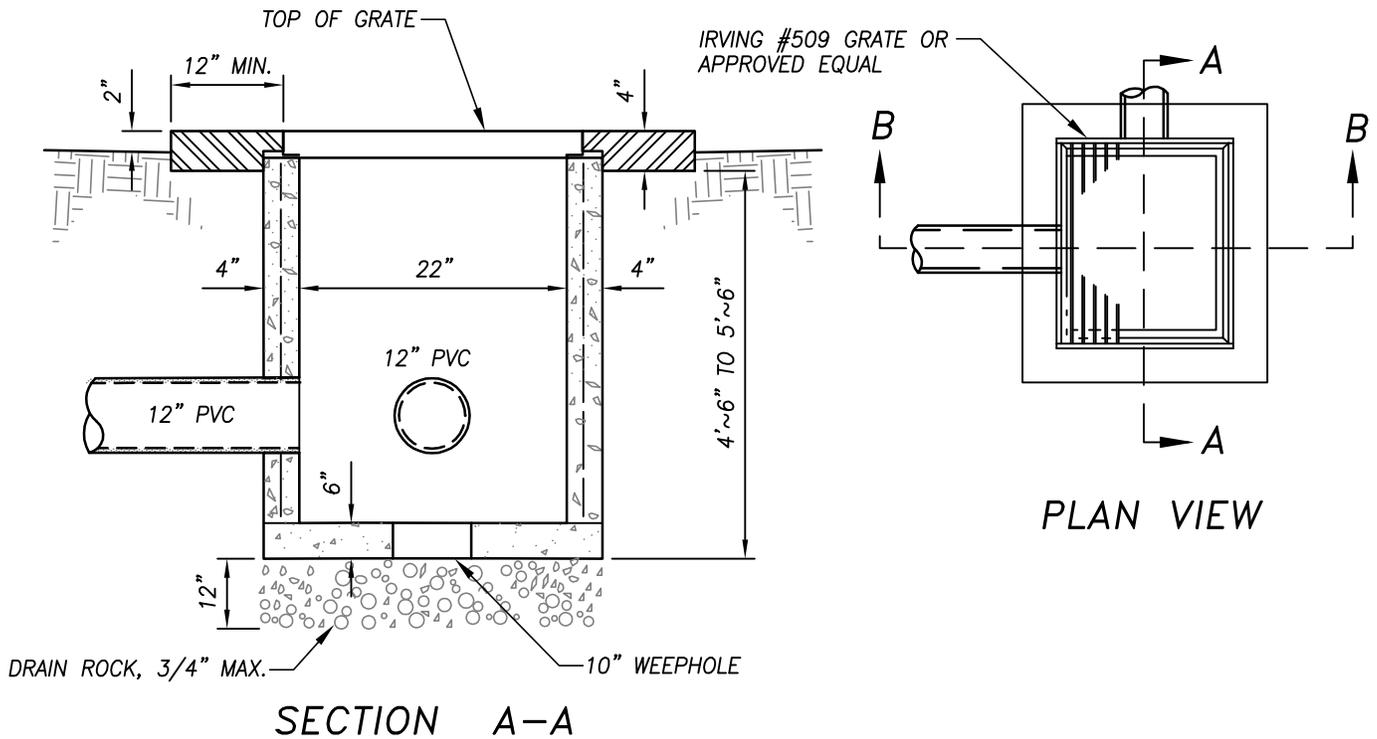
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

SD-8

COUNCIL APPROVAL

NOV., 2015



POND CATCH BASIN

CITY OF TURLOCK



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

APPROVED BY:

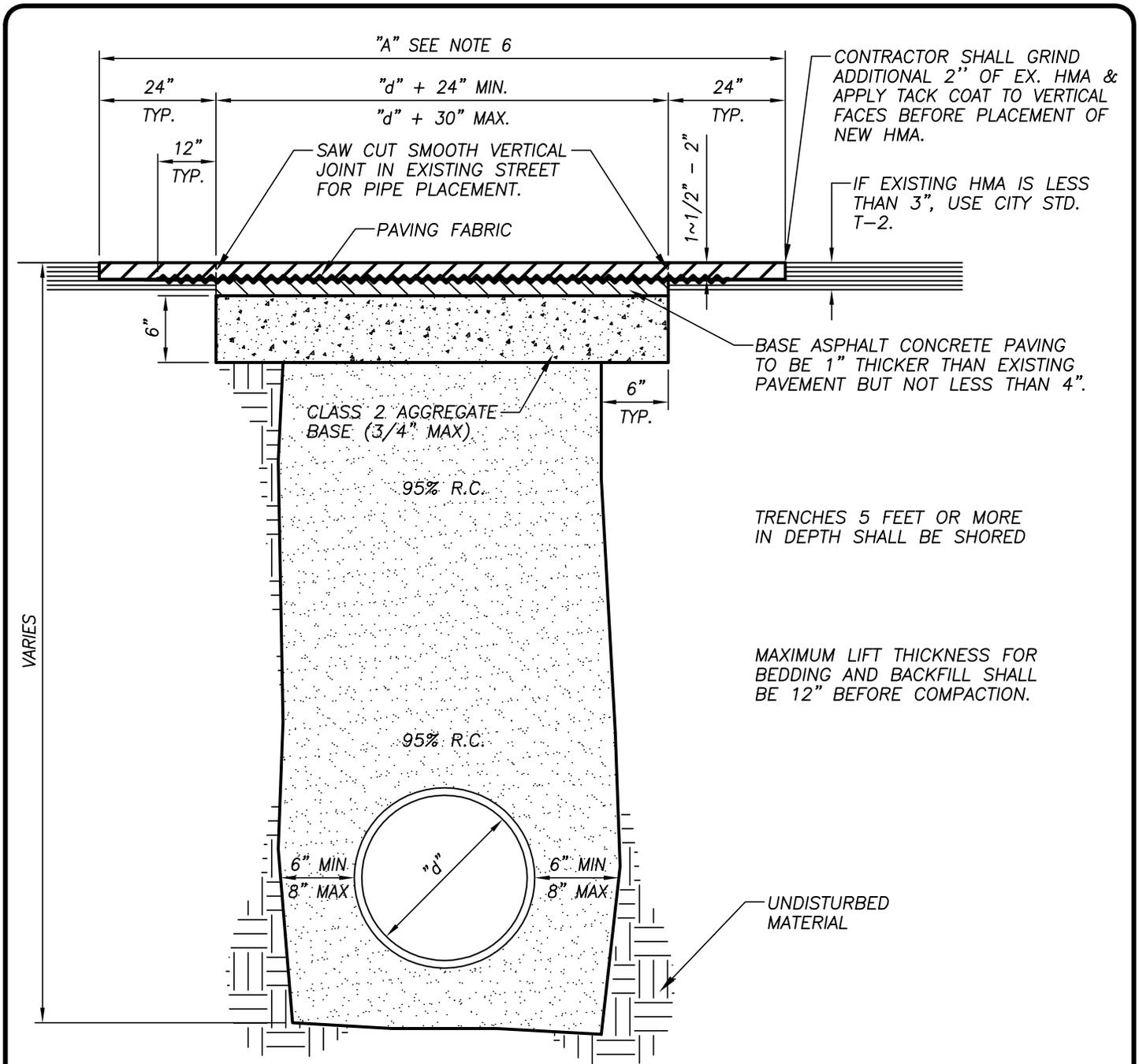
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

SD-11

COUNCIL APPROVAL

NOV., 2015

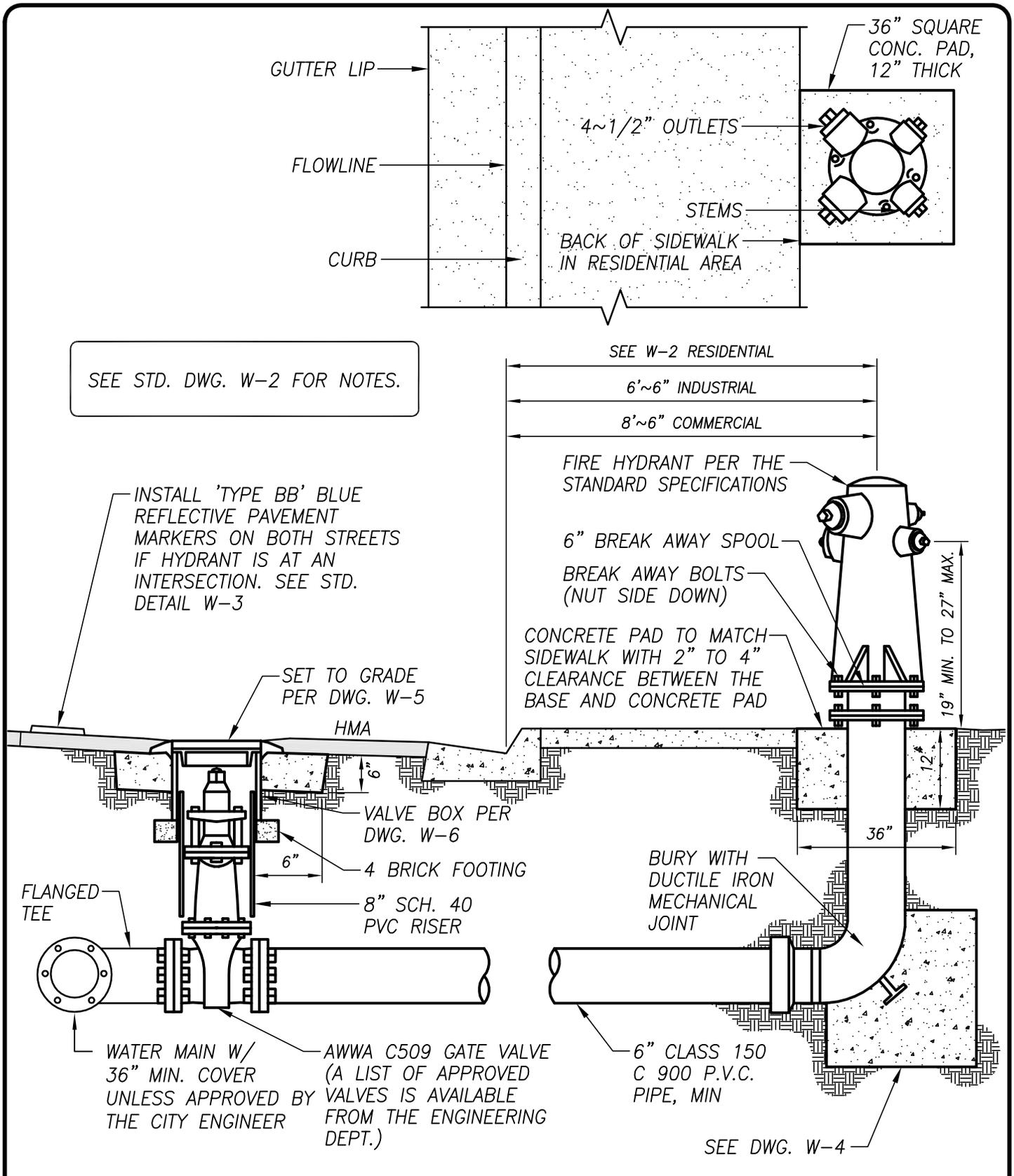


NOTES:

1. ALL BACKFILLED TRENCHES SHALL BE PAVED WITH TEMPORARY A.C. PAVEMENT AS DIRECTED IN THE FIELD BY THE CITY ENGINEER, UNTIL PERMANENT PAVEMENT IS PLACED
2. BACKFILL SHALL BE NATIVE WITH COMPACTION TESTS, EXCEPT AS PROVIDED IN NOTE NO. 4
3. COMPACTION TESTS SHALL BE APPROVED BY THE CITY BEFORE PAVING.
4. TRENCHES WHICH ARE 30" IN DEPTH OR LESS THAN 18" IN WIDTH OR LESS, SHALL BE BACKFILLED WITH TWO SACK CEMENT SLURRY.
5. IN LIEU OF COMPACTION TESTS, BACKFILL MAY BE TWO SACK CEMENT SLURRY.
6. FOR LONGITUDINAL TRENCHES OVER 150 FEET LONG, "A" SHALL BE 12 FEET MIN. AND SHALL BE DONE BY A PAVING MACHINE.
7. IN CASE OF REPAIRING A SECTION OF PIPE, ALL STEPS OF TRENCHING SHALL BE REPEATED

TYPICAL TRENCH EXCAVATION AND BACKFILL

	DRAWN BY: JSH	CITY OF TURLOCK APPROVED BY: 	DRAWING NO. T-1
	CHECK BY: NBB		COUNCIL APPROVAL DEC, 2015
	SCALE: NONE	CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694	



FIRE HYDRANT ASSEMBLY

CITY OF TURLOCK



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

APPROVED BY:

CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

W-1

COUNCIL APPROVAL

DEC, 2015

NOTES:

1. IN INDUSTRIAL AREAS, FIRE HYDRANTS SHALL BE LOCATED SIX FEET – SIX INCHES BEHIND FLOW LINE. WHERE PARKWAYS ARE EXISTING OR PROPOSED, HYDRANT SHALL BE 24 INCHES BEHIND FLOW LINE.
2. IN COMMERCIAL AREAS, WHERE 8 FEET TO 10 FEET OF SIDEWALK ARE EXISTING OR PROPOSED, FIRE HYDRANTS SHALL BE LOCATED EIGHT FEET – SIX INCHES BEHIND FLOW LINE. AT EXISTING OR PROPOSED FIVE FEET OR SIX FEET OF SIDEWALK SEE NOTE 1.
3. FIRE HYDRANTS SHALL BE LOCATED
 - A. AT STREET CORNERS WHENEVER POSSIBLE
 - B. IN RESIDENTIAL ZONED AREAS, NO MORE THAN 500 FEET APART AND NO MORE THAN 300 FEET FROM DEAD-END STREETS.
 - C. FOR ALL OTHER ZONES:
 1. NO MORE THAN 300 FEET APART AND NO MORE THAN 300 FEET FROM DEAD-END STREETS.
 2. IF ON-SITE HYDRANTS OR APPROVED FIRE SPRINKLER SYSTEMS ARE INSTALLED, (AS APPROVED BY THE FIRE DEPARTMENT), THE SPACING SHALL BE NO MORE THAN 500 FEET APART AND NO MORE THAN 250 FEET FROM DEAD-END STREETS.
 - D. OTHER LOCATIONS DEEMED NECESSARY BY THE CITY ENGINEER TO PROVIDE ADEQUATE FIRE PROTECTION TO THE PROPERTY.
 - E. ON ARTERIAL, EXPRESSWAY OR DIVIDED COLLECTOR STREETS, AS DESIGNATED IN THE GENERAL PLAN, SPECIFIC AND MASTER PLANS, THE HYDRANT SPACING SHALL BE APPLICABLE TO EACH SIDE OF THE STREETS.
 - F. MINIMUM 36” CLEARANCE AROUND ALL FIRE HYDRANTS TO INCLUDE ALL DRIVEWAYS.

FIRE HYDRANT LOCATIONS



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

CITY OF TURLOCK

APPROVED BY:

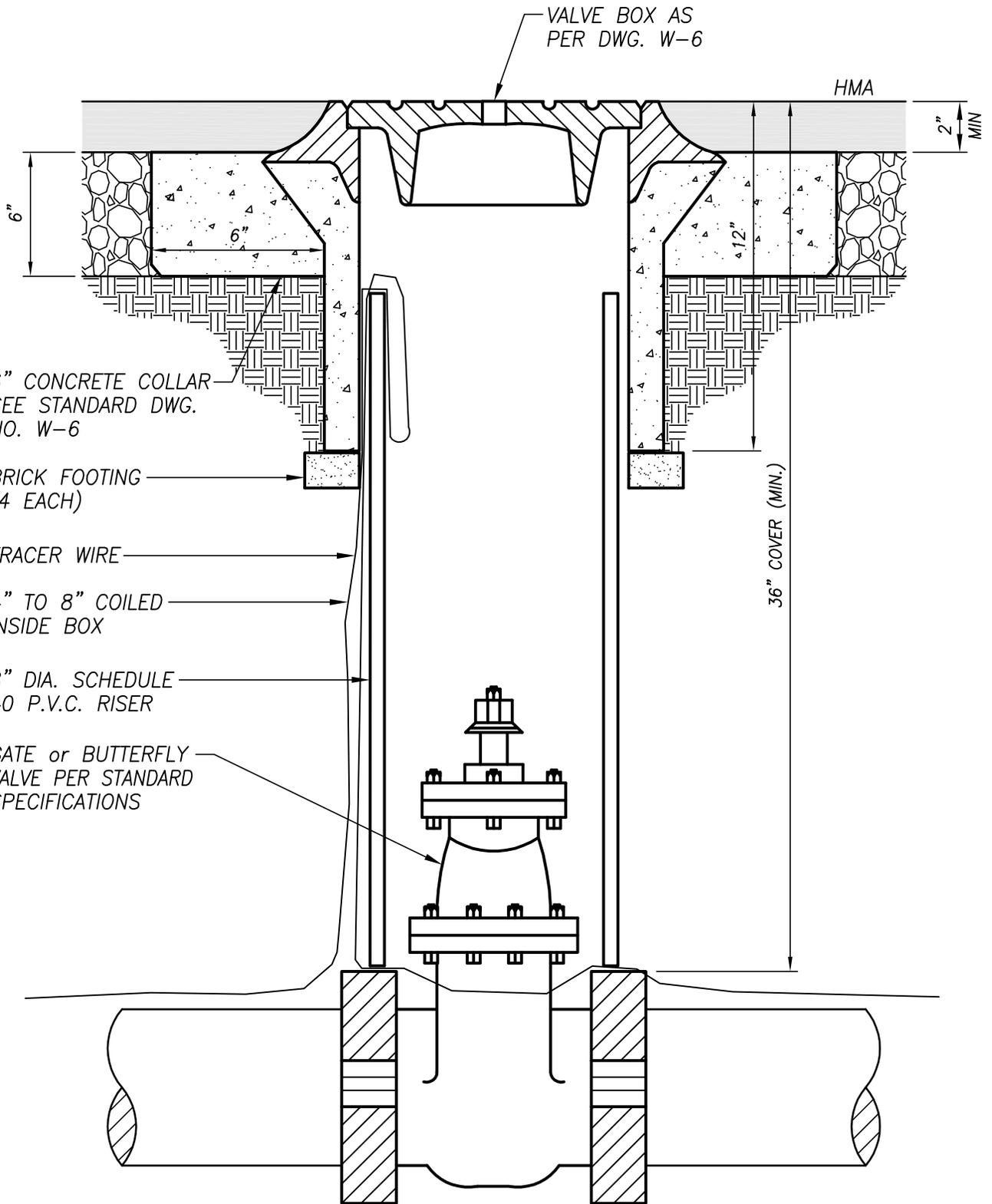
CITY ENGINEER – MICHAEL G. PITCOCK – RCE 52694

DRAWING NO.

W-2

COUNCIL APPROVAL

DEC, 2015



6" CONCRETE COLLAR
SEE STANDARD DWG.
NO. W-6

BRICK FOOTING
(4 EACH)

TRACER WIRE

4" TO 8" COILED
INSIDE BOX

8" DIA. SCHEDULE
40 P.V.C. RISER

GATE or BUTTERFLY
VALVE PER STANDARD
SPECIFICATIONS

VALVE BOX AS
PER DWG. W-6

HMA

2" MIN

36" COVER (MIN.)

LINE VALVE

CITY OF TURLOCK



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

APPROVED BY:

Michael G. Pitcock

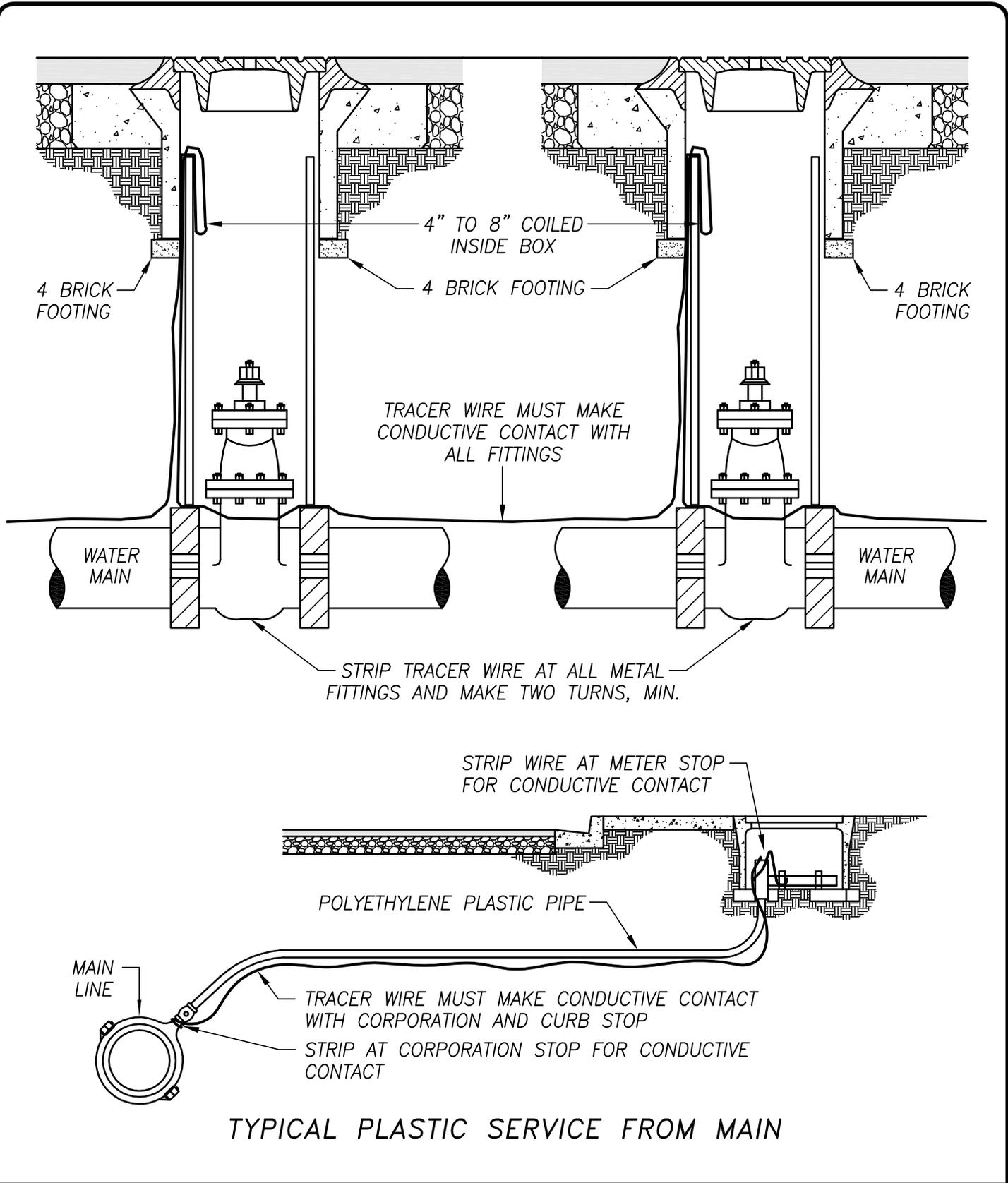
CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

W-5

COUNCIL APPROVAL

DEC, 2015



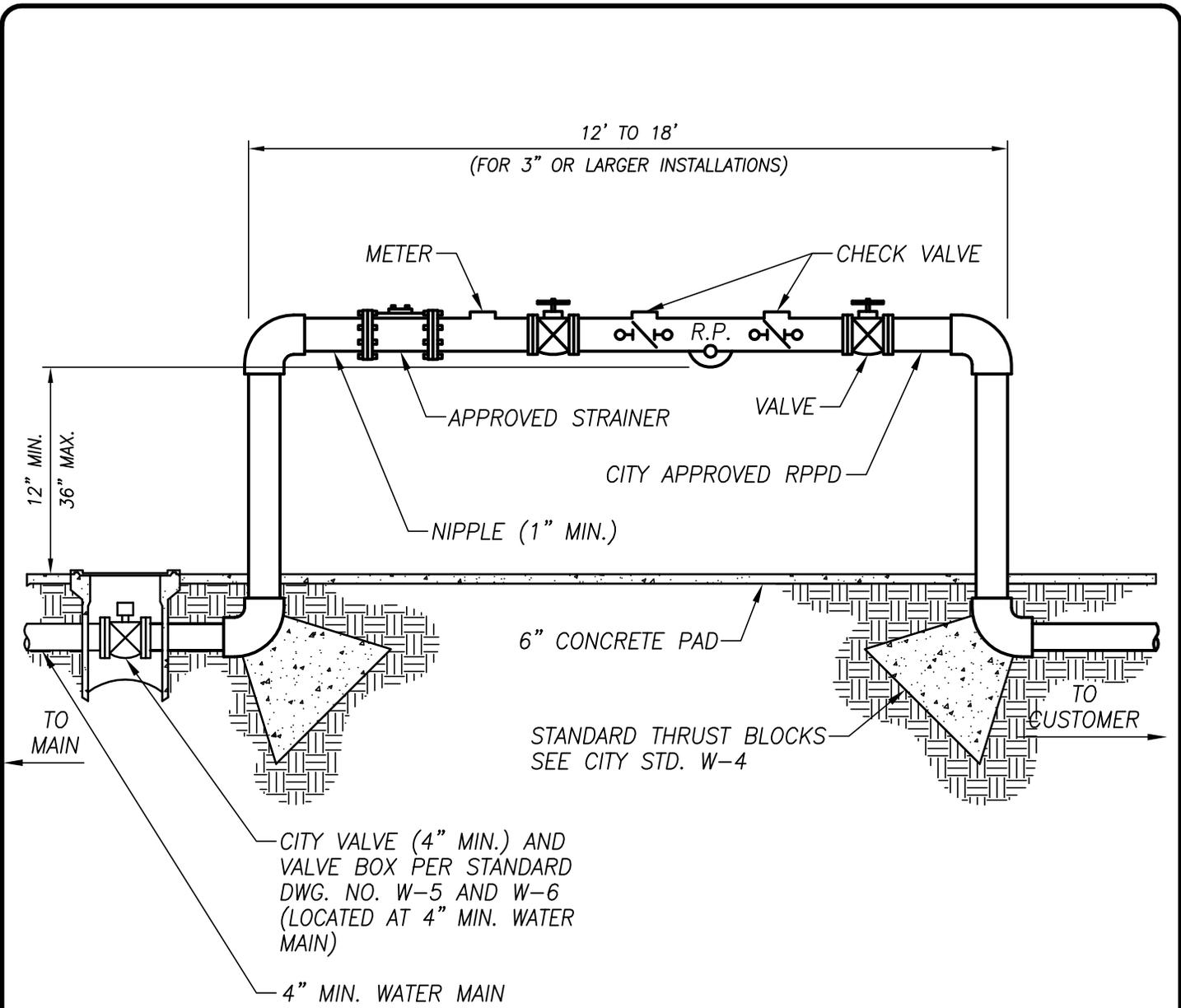
TYPICAL TRACER WIRE INSTALLATION



DRAWN BY: JSH
 CHECK BY: NBB
 SCALE: NONE

CITY OF TURLOCK
 APPROVED BY: *M. Pitcock*
 CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.
W-11
 COUNCIL APPROVAL
DEC, 2015



NOTES:

1. REFER TO MANUFACTURER'S CATALOG FOR CORRECT DIMENSIONS TO FIT SIZE OF SPECIFIED BACKFLOW.
2. COVER BACKFLOW ASSEMBLY WITH POLAR BLANKET TO PREVENT FREEZE DAMAGE.
3. DIMENSIONS OF CONCRETE PAD TO BE DETERMINED BY THE CITY ENGINEER FOR EACH INDIVIDUAL JOB.
4. AN APPROVED BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED ON EACH SERVICE LINE TO CUSTOMER'S WATER SYSTEM AT OR NEAR THE PROPERTY LINE AS PER TURLOCK MUNICIPAL CODE, SECTION 6-6.07.

STANDARD METER-BACKFLOW INSTALLATION



DRAWN BY: JSH

CHECK BY: NBB

SCALE: NONE

CITY OF TURLOCK

APPROVED BY:

CITY ENGINEER - MICHAEL G. PITCOCK - RCE 52694

DRAWING NO.

W-12

COUNCIL APPROVAL

DEC, 2015

ATTACHMENT B

ADDITIONAL SPECIFICATIONS SECTIONS

SECTION 10 55 23

MAILBOXES

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Horizontal Mailboxes
 - 1. Rear-loading interior mailboxes.

1.2 RELATED SECTIONS

- A. Section 05400 - Cold Formed Metal Framing: Framed wall openings to receive mailboxes.
- B. Section 092900 - Gypsum Board.

1.3 REFERENCES

- A. CBC – California Building Code.
- B. ASTM A 666 - Specification for Austenitic Stainless Steel Sheet, Strip, Plate and Flat Bar.
- C. ASTM B 209 - Specification Aluminum and Aluminum Alloy Sheet and Plate.
- D. ASTM B 221 - Specification Aluminum and Aluminum Alloy Extruded Bar, Rods, Wire, Shapes, and Tubes.

1.4 SUBMITTALS

- A. Submit under provisions of Division 1.
- B. Product Data: Provide manufacturer's standard catalog data for specified products. Manufacturer's data sheets on each product to be used, including:
 - 1. Construction details, material descriptions, dimensions and finishes.
 - 2. Preparation instructions and recommendations.
 - 3. Storage and handling requirements and recommendations.
 - 4. Installation methods.
- C. Shop Drawings: Prepared specifically for this project; show dimensions of mail boxes, wall cuts, and interface with other products.

1.5 REGULATORY REQUIREMENTS

- A. Private Mail Delivery – not subject to USPS regulations.
- B. Comply with Americans with Disabilities Act Accessibility Guidelines (ADAAG) and California Building Code Accessibility requirements.

1.6 QUALITY ASSURANCE

- A. **Manufacturer Qualifications:** Manufacturer shall have a Quality System in place to ensure and be able to substantiate that manufactured units conform to requirements and match the approved design and must be ISO 9001:2008 certified.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Inspect the materials upon delivery to assure that specified products have been received.
- B. Store materials protected from exposure to harmful weather conditions.
- C. Handle materials to prevent damage or marring of finish.

1.8 WARRANTY

- A. Manufacturer's standard warranty to repair or replace components of postal specialties that fail in materials or workmanship within five years from date of purchase.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. **Basis of Design Manufacturer:** Florence Corporation, 5935 Corporate Drive, Manhattan, KS 66503; ASD. Tel: (785)323-4400, Tel: (800)275-1747. Fax: (800)275-5081. Email: sales@florencecorporation.com. Web: www.florencemailboxes.com.
- B. **Substitutions:** As outlined in Division 1

2.2 WALL-MOUNTED CENTRALIZED MAIL RECEPTACLES (MAILBOXES)

- A. **Rear-Loading Mailboxes:** Consisting of multiple compartments enclosed within recessed wall box. Provide access to compartments for distributing incoming mail from rear of unit with accessibility to entire group of compartments. Provide access to each compartment for removing mail by swinging compartment door.
 - 1. **Model:** Series 1700 by Florence Corporation.
 - 2. **Compartments:** 21 compartments (min.).
 - 3. **Rear-Loading Door:** Side hinged, fabricated from aluminum sheet with full-length, extruded aluminum integral hinge on one side and positive-latching mechanism on the other. Fabricate rear-loading door to open not less than 90 degrees and to remain open while mail is deposited.
 - a. **Rear-Door Lock:** Door prepared to receive common key lock furnished

- by manufacturer.
- 4. Compartment Doors: Fabricated from aluminum extrusion. Equip each compartment door with lock, engraved tenant identification, and concealed, fill-length continuous hinge on one side.
 - a. Tenant Identification:
 - 1) Alpha-numeric engraving.
 - 2) Clear plastic cardholder recessed on face of compartment door.
 - b. Compartment Door Locks:
 - 1) 5-pin tumbler, cylinder cam locks capable of at least 1000 key changes; with 2 keys for each compartment door. Key each compartment differently.
- 5. Frames: Fabricated from extruded aluminum with snap-on trim.
- 6. Concealed Components and Mounting Frames:
 - a. Aluminum.
- 7. Material and Finish: Aluminum.
 - a. Finish: Anodized aluminum: Clear.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify that openings in wall are correctly located, aligned, and sized for mailboxes.
- B. Installer's Examination:
 - 1. Examine conditions under which construction activities of this section are to be performed; submit written notification if such conditions are unacceptable.
 - 2. Beginning installation indicates acceptance of conditions.

3.2 INSTALLATION

- A. Install mail boxes in accordance with shop drawings and manufacturer's printed installation instructions.
- B. Align, plumb, and level; anchor in accordance with manufacturer's requirements.

3.3 ADJUSTING

- A. Adjust doors and locks to operate correctly.

3.4 CLEANING

- A. Clean surfaces with mild dish detergent. Do not use harsh abrasive cleaners. Lubricate locks with graphite type lubricants only.

3.5 PROTECTION OF INSTALLED PRODUCTS

- A. Protect finishes from damage by construction activities.

END OF SECTION

SECTION 12 48 50

ENTRANCE FLOOR MATS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Entrance Floor Mats

1.2 RELATED SECTIONS

- A. Section 03300 - Cast-In-Place Concrete.
- B. Section 06100 - Rough Carpentry.

1.3 REFERENCES

- A. ASTM D 256 - Standard Test Method for Determining the Pendulum Impact Resistance of Notched Specimens of Plastics.
- B. ASTM D 635 - Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position.
- C. ASTM D 638 - Standard Test Method for Tensile Properties of Plastics.
- D. ASTM D 648 - Standard Test Method for Deflection Temperature of Plastics Under Flexural Load.
- E. ASTM D 696 - Standard Test Method for Coefficient of Linear Thermal Expansion of Plastics Between -30 degrees C and 30 degrees C.
- F. ASTM D 785 - Standard Test Method for Rockwell Hardness of Plastics and Electrical Insulating Materials.
- G. ASTM D 790 - Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.
- H. ASTM D 792 - Standard Test Methods for Density and Specific Gravity (Relative Density) of Plastics by Displacement.
- I. ASTM D 1784 - Standard Specification for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds.
- J. ASTM D 1822 - Standard Test Method for Tensile-Impact Energy to Break Plastic and Electrical Insulating Materials.
- K. ASTM D 2240 - Standard Test Method for Rubber Property--Durometer Hardness.
- L. ASTM D 3884 - Standard Test Method for Abrasion Resistance of Textile Fabrics (Rotary Platform, Double-Head Method).

- M. ASTM E 648 - Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source.
- N. NFPA 253 - Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source.
- O. UL 94V - Tests for Flammability of Plastic Materials for Parts in Devices and Appliances; Underwriters Laboratories Inc.

1.4 SUBMITTALS

- A. Submit under provisions of Section 01300.
- B. Product Data: Manufacturer's product literature for products specified in this section.
- C. Shop Drawings: Indicate locations and dimension of recessed areas to receive products specified in this section.
- D. Selection Samples: For each specified product requiring color or finish selection, two sets of samples representing manufacturer's full range of available selections.
- E. Verification Samples: For each color or finish selected, two sets of samples indicating match to selected color or finish.
- F. Quality Assurance Submittals:
 - 1. Test Reports: Certified reports from independent testing laboratory supporting compliance of products to specified flammability requirements.
 - 2. Manufacturer's Instructions:
 - a. Printed installation instructions for each specified product.
 - b. Manufacturer's Safety Data Sheets (M.S.D.S.) for each adhesive.
- G. Closeout Submittals: Manufacturer's recommendations for cleaning and maintaining products specified in this section.

1.5 QUALITY ASSURANCE

- A. Qualifications:
 - 1. Manufacturer: Minimum five (5) years documented experience producing products specified in this section.
 - 2. Installer: Minimum five (5) years documented experience installing products specified in this section, and approved by product manufacturer.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Storage and Protection:
 - 1. Store products of this section in manufacturer's unopened packaging until installation.
 - 2. Maintain dry, heated storage area for products of this section until installation of products.
 - 3. Do not store outside.

1.7 PROJECT/SITE CONDITIONS

- A. Field Measurements: Obtain field measurements of recessed areas to receive products of this section prior to order placement; include information on squareness and levelness of recess.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Basis of Design Product: AL-TRACK 650 by Amarco Products., PO Box 4085, 5 Powder Horn Drive, Warren, NJ, 07059; telephone 866-688-MATS (866-688-6287) or 732-302-1122; fax 1-877-MAT-ORDERS (877-628-6733) or 732-302-1120 ; www.amarcoproducts.com
- B. Equivalent products by following manufacturers are acceptable:
 - 1. Babcock-Davis, Inc.
 - 2. Balco, Inc.
 - 3. Construction Specialties, Inc.
- C. Substitutions: Not permitted.
- D. Supply all products specified in this section from a single manufacturer.

2.2 MATERIALS

- A. Aluminum Metal: Alloy 6063-T6 conforming to ASTM B 221 and FS QQ-AA-200/9C.
- B. Aluminum Metal: Alloy 6105-T5 conforming to ASTM B 221.
- C. Aluminum Metal: Alloy 6063-T5 conforming to ASTM B 221.
- D. Rigid Polyvinyl Chloride (PVC): Having the following physical characteristics:
 - 1. Cell classification, in accordance with ASTM D 1784: 16354.
 - 2. Specific gravity, when tested in accordance with ASTM D 792: 1.33.
 - 3. Tensile strength, when tested in accordance with ASTM D 638: 6,500 pounds per square inch.
 - 4. Modulus of elasticity, when tested in accordance with ASTM D 638: 400,000 pounds per square inch, average.
 - 5. Tensile impact, when tested in accordance with ASTM D 1822: 75 foot-pounds per square inch.
 - 6. Flexural strength, when tested in accordance with ASTM D 790: 12,500 pounds per square inch.
 - 7. Flexural modulus, when tested in accordance with ASTM D 790: 400,000 pounds per square inch.
 - 8. Izod impact, 1/8 inch, when tested in accordance with ASTM D 256: Minimum 20.
 - 9. Izod impact, 1/4 inch, when tested in accordance with ASTM D 256: Minimum 15.
 - 10. Hardness, Shore D, when tested in accordance with ASTM D 2240: 79.
 - 11. Hardness, Rockwell R, when tested in accordance with ASTM D 785: 108.
 - 12. Deflection temperature, when tested in accordance with ASTM D 648: 162 degrees F.
 - 13. Coefficient of thermal expansion, when tested in accordance with ASTM D 696: 0.00004 inch per inch per degree F.
 - 14. Flammability, when tested in accordance with UL 94V: 0.
- E. Nylon Carpeting:
 - 1. Tufted cut pile 5/32 inch high, polyamide nylon 80 Dtex tetralobal fibers, 35 ounces per square yard weight, with 100 mil vinyl back coating.
 - 2. Carpet fiber weight loss maximum 1.3 percent when wear-tested in accordance with Taber Abraser method, ASTM D 3884, for 3000 cycles with H-10 wheel and 1000 gram weight.
 - 3. Flammability: Critical radiant flux 1.00 watts per square centimeter when tested in accordance with ASTM E 648 and NFPA 253 Radiant Panel Test; Class 1 rating.

- F. Carpeting Adhesive: Non-flammable, and containing no toxic solvents; type recommended by manufacturer of products specified in this section.

2.3 ROLL-UP MATS

- A. Roll-up Mats: **AL-TRACK 650 Model AT-650.**
 - 1. Rails: Aluminum, extruded profile, assembled at 1-7/8 inches on center.
 - 2. Hinges: Extruded vinyl, perforated continuous hinge and support cushion, positively secured between aluminum rails; slotted perforations for drainage.
 - 3. Tread inserts: Maxi-Tuft Long Wear nylon carpet (MLW); inserts 1 inch wide, spaced 1-1/2 inches on center; tufted, 5/32 inch pile, 100 percent polyamide nylon fibers with 100 mil vinyl backing; 35 oz/sq yd pile weight with 80 Dtex tetralobal fiber design, tufted at 78,000 fibers per square meter; minimum static coefficient of friction, 0.49 dry, 0.77 wet; treads positively secured into rails.
 - 4. Overall depth: 5/8 inch.
 - 5. Colors: Selected from full range of manufacturer's standard colors.
- B. Mat Edging: Manufacturer's standard vinyl edging as follows:
 - 1. Profile: Square.
 - 2. Color: Selected from full range of manufacturer's standard colors.
- C. Mat Frame:
 - 1. Material: Aluminum extrusion.
 - 2. Style: For recessed installation.
 - 3. Finish: Selected from full range of manufacturer's standard colors.

PART 3 EXECUTION

3.1 PREPARATION

- A. Verification of Conditions: Recesses to receive products of this section are correct size, are within square tolerances and level tolerances.
- B. Surface Preparation: Remove debris from recesses to receive frames; sweep recesses clean.

3.2 INSTALLATION

- A. Install specified products in accordance with shop drawings and manufacturer's printed installation instructions.

END OF SECTION

ATTACHMENT C

UPDATED WAGE RATE INFORMATION

General Decision Number: CA170029 03/10/2017 CA29

Superseded General Decision Number: CA20160029

State: California

Construction Types: Building, Heavy (Heavy and Dredging) and Highway

Counties: Alameda, Calaveras, Contra Costa, Fresno, Kings, Madera, Mariposa, Merced, Monterey, San Benito, San Francisco, San Joaquin, San Mateo, Santa Clara, Santa Cruz, Stanislaus and Tuolumne Counties in California.

BUILDING CONSTRUCTION PROJECTS; DREDGING PROJECTS (does not include hopper dredge work); HEAVY CONSTRUCTION PROJECTS (does not include water well drilling); HIGHWAY CONSTRUCTION PROJECTS

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.20 for calendar year 2017 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.20 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2017. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/06/2017
1	01/20/2017
2	01/27/2017
3	02/17/2017
4	02/24/2017
5	03/03/2017
6	03/10/2017

ASBE0016-004 01/01/2015

AREA 1: CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS & TOULMNE COUNTIES

AREA 2: ALAMEDA, CONTRA COSTA, SAN FRANSICO, SAN MATEO & SANTA CLARA COUNTIES

Rates Fringes

Asbestos Removal
worker/hazardous material
handler (Includes
preparation, wetting,

stripping, removal,
 scrapping, vacuuming, bagging
 and disposing of all
 insulation materials from
 mechanical systems, whether
 they contain asbestos or not)

Area 1.....	\$ 28.30	7.75
Area 2.....	\$ 32.38	7.75

 ASBE0016-008 08/01/2016

AREA 1: ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN
 FRANCISCO, SAN MATEO, SANTA CLARA, & SANTA CRUZ

AREA 2: CALAVERAS, COLUSA, FRESNO, KINGS, MADERA, MARIPOSA,
 MERCED, SAN JOAQUIN, STANISLAU, & TUOLUMNE

Rates Fringes

Asbestos Workers/Insulator
 (Includes the application of
 all insulating materials,
 Protective Coverings,
 Coatings, and Finishes to all
 types of mechanical systems)

Area 1.....	\$ 62.36	23.10
Area 2.....	\$ 46.96	23.10

 BOIL0549-001 01/01/2013

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA
 CLARA COUNTIES

AREA 2: REMAINING COUNTIES

Rates Fringes

BOILERMAKER

Area 1.....	\$ 42.06	33.43
Area 2.....	\$ 38.37	31.32

 BRCA0003-001 08/01/2016

Rates Fringes

MARBLE FINISHER.....	\$ 31.17	14.94
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 BRCA0003-003 08/01/2016

Rates Fringes

MARBLE MASON.....	\$ 41.77	26.36
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 BRCA0003-005 05/01/2016

Rates Fringes

BRICKLAYER

(1) Fresno, Kings, Madera, Mariposa, Merced....\$ 37.04	21.13
(7) San Francisco, San Mateo.....\$ 40.89	25.78
(8) Alameda, Contra Costa, San Benito, Santa Clara.....\$ 42.70	21.67
(9) Calaveras, San Joaquin, Stanislaus, Toulumne.....\$ 38.21	20.71
(16) Monterey, Santa Cruz...\$ 39.51	23.49

BRCA0003-008 07/01/2016

	Rates	Fringes
TERRAZZO FINISHER.....\$ 34.43		16.58
TERRAZZO WORKER/SETTER.....\$ 42.41		26.31

BRCA0003-011 10/01/2016

AREA 1: Alameda, Contra Costa, Monterey, San Benito, San Francisco, San Mateo, Santa Clara, Santa Cruz

AREA 2: Calaveras, San Joaquin, Stanislaus, Tuolumne

AREA 3: Fresno, Kings, Madera, Mariposa, Merced

	Rates	Fringes
TILE FINISHER		
Area 1.....\$ 25.46		14.54
Area 2.....\$ 23.31		12.90
Area 3.....\$ 23.88		13.68
Tile Layer		
Area 1.....\$ 43.90		16.29
Area 2.....\$ 37.71		14.19
Area 3.....\$ 34.40		15.59

CARP0022-001 07/01/2016

San Francisco County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....\$ 44.40		28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....\$ 44.55		28.20
Journeyman Carpenter.....\$ 44.40		28.20
Millwright.....\$ 44.50		29.79

CARP0034-001 07/01/2016

Rates	Fringes
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Diver

Assistant Tender, ROV		
Tender/Technician.....	\$ 43.65	31.40
Diver standby.....	\$ 48.61	31.40
Diver Tender.....	\$ 47.82	31.40
Diver wet.....	\$ 93.17	31.40
Manifold Operator (mixed gas).....	\$ 52.82	31.40
Manifold Operator (Standby).\$	47.82	31.40

DEPTH PAY (Surface Diving):

050 to 100 ft	\$2.00 per foot
101 to 150 ft	\$3.00 per foot
151 to 220 ft	\$4.00 per foot

SATURATION DIVING:

The standby rate shall apply until saturation starts. The saturation diving rate applies when divers are under pressure continuously until work task and decompression are complete. The diver rate shall be paid for all saturation hours.

DIVING IN ENCLOSURES:

Where it is necessary for Divers to enter pipes or tunnels, or other enclosures where there is no vertical ascent, the following premium shall be paid: Distance traveled from entrance 26 feet to 300 feet: \$1.00 per foot. When it is necessary for a diver to enter any pipe, tunnel or other enclosure less than 48" in height, the premium will be \$1.00 per foot.

WORK IN COMBINATION OF CLASSIFICATIONS:

Employees working in any combination of classifications within the diving crew (except dive supervisor) in a shift are paid in the classification with the highest rate for that shift.

 CARP0034-003 07/01/2014

	Rates	Fringes
Piledriver.....	\$ 40.60	30.73

 CARP0035-007 07/01/2016

AREA 1: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties

AREA 2: Monterey, San Benito, Santa Cruz Counties

AREA 3: Calaveras, Fresno, Kings, Madera, Mariposa, Merced, San Joaquin, Stanislaus, Tuolumne Counties

	Rates	Fringes
Modular Furniture Installer Area 1		

Installer I.....	\$ 24.91	19.62
Installer II.....	\$ 21.48	19.63
Lead Installer.....	\$ 28.36	20.13
Master Installer.....	\$ 32.58	19.63
Area 2		
Installer I.....	\$ 22.26	19.63
Installer II.....	\$ 19.31	19.63
Lead Installer.....	\$ 25.23	20.13
Master Installer.....	\$ 28.86	20.13
Area 3		
Installer I.....	\$ 21.31	19.63
Installer II.....	\$ 18.54	19.63
Lead Installer.....	\$ 24.11	20.13
Master Installer.....	\$ 31.13	20.13

CARP0035-008 08/01/2016

AREA 1: Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara counties

AREA 2: Monterey, San Benito, Santa Cruz Counties

AREA 3: San Joaquin

AREA 4: Calaveras, Fresno, Kings, Madera, Mariposa, Merced, Stanislaus, Tuolumne Counties

	Rates	Fringes
Drywall Installers/Lathers:		
Area 1.....	\$ 44.40	28.64
Area 2.....	\$ 38.52	28.64
Area 3.....	\$ 39.02	28.64
Area 4.....	\$ 37.67	28.64
Drywall Stocker/Scrapper		
Area 1.....	\$ 22.20	16.57
Area 2.....	\$ 19.26	16.57
Area 3.....	\$ 19.51	16.57
Area 4.....	\$ 18.84	16.57

CARP0152-001 07/01/2016

Contra Costa County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 44.55	28.20
Journeyman Carpenter.....	\$ 44.40	28.20
Millwright.....	\$ 44.50	29.79

CARP0152-002 07/01/2016

San Joaquin County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.67	28.20
Journeyman Carpenter.....	\$ 38.52	28.20
Millwright.....	\$ 41.02	29.79

CARP0152-004 07/01/2016

Calaveras, Mariposa, Merced, Stanislaus and Tuolumne Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 37.32	28.20
Journeyman Carpenter.....	\$ 37.17	28.20
Millwright.....	\$ 39.67	29.79

CARP0217-001 07/01/2016

San Mateo County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 44.55	28.20
Journeyman Carpenter.....	\$ 44.40	28.20
Millwright.....	\$ 44.50	29.79

CARP0405-001 07/01/2016

Santa Clara County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw		

Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 44.55	28.20
Journeyman Carpenter.....	\$ 44.40	28.20
Millwright.....	\$ 44.50	29.79

CARP0405-002 07/01/2016

San Benito County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.58	28.20
Journeyman Carpenter.....	\$ 38.52	28.20
Millwright.....	\$ 41.02	29.79

CARP0505-001 07/01/2016

Santa Cruz County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.67	28.20
Journeyman Carpenter.....	\$ 38.52	28.20
Millwright.....	\$ 41.02	29.79

CARP0605-001 07/01/2016

Monterey County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 38.67	28.20
Journeyman Carpenter.....	\$ 38.52	28.20
Millwright.....	\$ 41.02	29.79

CARP0701-001 07/01/2016

Fresno and Madera Counties

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 37.32	28.20
Journeyman Carpenter.....	\$ 37.17	28.20
Millwright.....	\$ 39.67	29.79

 CARP0713-001 07/01/2016

Alameda County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 44.55	28.20
Journeyman Carpenter.....	\$ 44.40	28.20
Millwright.....	\$ 44.50	29.79

 CARP1109-001 07/01/2016

Kings County

	Rates	Fringes
Carpenters		
Bridge Builder/Highway Carpenter.....	\$ 44.40	28.20
Hardwood Floorlayer, Shingler, Power Saw Operator, Steel Scaffold & Steel Shoring Erector, Saw Filer.....	\$ 37.32	28.20
Journeyman Carpenter.....	\$ 37.17	28.20
Millwright.....	\$ 39.67	29.79

 ELEC0006-004 12/01/2016

SAN FRANCISCO COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 35.57	3%+18.05
Technician.....	\$ 40.50	3%+18.05

SCOPE OF WORK: Including any data system whose only function
 is to transmit or receive information; excluding all other

data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELEC0006-007 06/01/2016

SAN FRANCISCO COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 64.00	30.38

 ELEC0100-002 03/01/2017

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 36.50	21.65

 ELEC0100-005 12/01/2016

FRESNO, KINGS, MADERA

	Rates	Fringes
Communications System		
Installer.....	\$ 30.64	3%+17.86
Technician.....	\$ 34.89	3%+17.86

SCOPE OF WORK

Includes the installation testing, service and maintenance, of the following systems which utilize the transmission and/or transference of voice, sound, vision and digital for commercial, education, security and entertainment purposes for the following: TV monitoring and surveillance, background-foreground music, intercom and telephone interconnect, inventory control systems, microwave transmission, multi-media, multiplex, nurse call system, radio page, school intercom and sound, burglar alarms, and low voltage master clock systems.

A. SOUND AND VOICE TRANSMISSION/TRANSFERENCE SYSTEMS

Background foreground music, Intercom and telephone interconnect systems, Telephone systems Nurse call systems, Radio page systems, School intercom and sound systems, Burglar alarm systems, Low voltage, master clock systems, Multi-media/multiplex systems, Sound and musical entertainment systems, RF systems, Antennas and Wave Guide,

B. FIRE ALARM SYSTEMS Installation, wire pulling and testing

C. TELEVISION AND VIDEO SYSTEMS Television monitoring and surveillance systems Video security systems, Video entertainment systems, Video educational systems, Microwave transmission systems, CATV and CCTV

D. SECURITY SYSTEMS Perimeter security systems Vibration sensor systems Card access systems Access control systems, Sonar/infrared monitoring equipment

E. COMMUNICATIONS SYSTEMS THAT TRANSMIT OR RECEIVE INFORMATION AND/OR CONTROL SYSTEMS THAT ARE INTRINSIC TO THE ABOVE LISTED SYSTEMS SCADA (Supervisory Control and Data Acquisition) PCM (Pulse Code Modulation) Inventory Control Systems, Digital Data Systems Broadband and Baseband and Carriers Point of Sale Systems, VSAT Data Systems Data Communication Systems RF and Remote Control Systems, Fiber Optic Data Systems

WORK EXCLUDED Raceway systems are not covered (excluding Ladder-Rack for the purpose of the above listed systems). Chases and/or nipples (not to exceed 10 feet) may be installed on open wiring systems. Energy management systems. SCADA (Supervisory Control and Data Acquisition) when not intrinsic to the above listed systems (in the scope). Fire alarm systems when installed in raceways (including wire and cable pulling) shall be performed at the electrician wage rate, when either of the following two (2) conditions apply:

1. The project involves new or major remodel building trades construction.
2. The conductors for the fire alarm system are installed in conduit.

 ELEC0234-001 12/25/2016

MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES

	Rates	Fringes
ELECTRICIAN		
Zone A.....	\$ 44.65	24.44
Zone B.....	\$ 49.12	24.57

Zone A: All of Santa Cruz, Monterey, and San Benito Counties within 25 air miles of Highway 1 and Dolan Road in Moss Landing, and an area extending 5 miles east and west of Highway 101 South to the San Luis Obispo County Line

Zone B: Any area outside of Zone A

 ELEC0234-003 12/01/2016

MONTEREY, SAN BENITO, AND SANTA CRUZ COUNTIES

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 35.07	18.60
Technician.....	\$ 37.94	16.30

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 * ELEC0302-001 02/27/2017

CONTRA COSTA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 54.92	26.75
ELECTRICIAN.....	\$ 48.51	26.56

 ELEC0302-003 12/01/2016

CONTRA COSTA COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 35.07	18.05
Technician.....	\$ 39.93	18.20

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when

performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

ELEC0332-001 05/30/2016

SANTA CLARA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 67.87	33.28
ELECTRICIAN.....	\$ 59.02	32.75

FOOTNOTES: Work under compressed air or where gas masks are required, or work on ladders, scaffolds, stacks, "Bosun's chairs," or other structures and where the workers are not protected by permanent guard rails at a distance of 40 to 60 ft. from the ground or supporting structures: to be paid one and one-half times the straight-time rate of pay. Work on structures of 60 ft. or over (as described above): to be paid twice the straight-time rate of pay.

ELEC0332-003 11/30/2015

SANTA CLARA COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 34.32	17.33
Technician.....	\$ 39.08	17.47

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

ELEC0595-001 06/01/2016

ALAMEDA COUNTY

	Rates	Fringes
CABLE SPLICER.....	\$ 58.95	34.14
ELECTRICIAN.....	\$ 52.40	33.95

ELEC0595-002 12/01/2016

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
CABLE SPLICER.....	\$ 40.54	7.5%+23.49
ELECTRICIAN		
(1) Tunnel work.....	\$ 37.01	7.5%+23.49
(2) All other work.....	\$ 35.25	7.5%+23.49

ELEC0595-006 12/01/2016

ALAMEDA COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 35.07	3%+17.55
Technician.....	\$ 39.93	3%+17.55

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELEC0595-008 12/01/2016

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
Communications System		
Installer.....	\$ 30.64	3%+17.55
Technician.....	\$ 34.89	3%+17.55

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

 ELEC0617-001 06/01/2016

SAN MATEO COUNTY

	Rates	Fringes
ELECTRICIAN.....	\$ 55.30	32.19

 ELEC0617-003 12/01/2016

SAN MATEO COUNTY

	Rates	Fringes
Sound & Communications		
Installer.....	\$ 35.07	18.86
Technician.....	\$ 39.93	18.86

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or

jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

ELEC0684-001 12/01/2016

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
ELECTRICIAN.....	\$ 36.40	3%+20.73
CABLE SPLICER = 110% of Journeyman Electrician		

ELEC0684-004 12/01/2016

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
Communications System		
Installer.....	\$ 30.64	3%+17.86
Technician.....	\$ 34.89	3%+17.86

SCOPE OF WORK: Including any data system whose only function is to transmit or receive information; excluding all other data systems or multiple systems which include control function or power supply; inclusion or exclusion of terminations and testings of conductors determined by their function; excluding fire alarm work when installed in raceways (including wire and cable pulling) and when performed on new or major remodel building projects or jobs for which the conductors for the fire alarm system are installed in conduit; excluding installation of raceway systems, line voltage work, industrial work, life-safety systems (all buildings having floors located more than 75' above the lowest floor level having building access); excluding energy management systems.

FOOTNOTE: Fire alarm work when installed in raceways (including wire and cable pulling), on projects which involve new or major remodel building construction, for which the conductors for the fire alarm system are installed in the conduit, shall be performed by the inside electrician.

ELEC1245-001 06/01/2015

	Rates	Fringes
LINE CONSTRUCTION		
(1) Lineman; Cable splicer..\$ 52.85		15.53
(2) Equipment specialist (operates crawler tractors, commercial motor vehicles, backhoes, trenchers, cranes (50 tons and below), overhead & underground distribution line equipment).....\$ 42.21		14.32
(3) Groundman.....\$ 32.28		14.03
(4) Powderman.....\$ 47.19		14.60

HOLIDAYS: New Year's Day, M.L. King Day, Memorial Day,
Independence Day, Labor Day, Veterans Day, Thanksgiving Day
and day after Thanksgiving, Christmas Day

ELEV0008-001 01/01/2017

	Rates	Fringes
ELEVATOR MECHANIC.....\$ 63.44		31.585

FOOTNOTE:

PAID VACATION: Employer contributes 8% of regular hourly
rate as vacation pay credit for employees with more than 5
years of service, and 6% for 6 months to 5 years of service.
PAID HOLIDAYS: New Years Day, Memorial Day, Independence Day,
Labor Day, Veterans Day, Thanksgiving Day, Friday after
Thanksgiving, and Christmas Day.

ENGI0003-008 07/01/2013

	Rates	Fringes
Dredging: (DREDGING: CLAMSHELL & DIPPER DREDGING; HYDRAULIC SUCTION DREDGING:)		
AREA 1:		
(1) Leverman.....\$ 40.53		27.81
(2) Dredge Dozer; Heavy duty repairman.....\$ 35.57		27.81
(3) Booster Pump Operator; Deck Engineer; Deck mate; Dredge Tender; Winch Operator.....\$ 34.45		27.81
(4) Bargeman; Deckhand; Fireman; Leveehand; Oiler..\$ 31.15		27.81
AREA 2:		
(1) Leverman.....\$ 42.53		27.81
(2) Dredge Dozer; Heavy duty repairman.....\$ 37.57		27.81
(3) Booster Pump Operator; Deck Engineer; Deck mate;		

Dredge Tender; Winch		
Operator.....	\$ 36.45	27.81
(4) Bargeman; Deckhand;		
Fireman; Leveehand; Oiler..	\$ 33.15	27.81

AREA DESCRIPTIONS

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2: MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Remainder
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY:

Area 1: Remainder
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Except Eastern part
Area 2: Eastern part

MONTERREY COUNTY

Area 1: Except Southwestern part
Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of

Sierra County
 Area 2: Remainder

PLACER COUNTY:
 Area 1: All but the Central portion
 Area 2: Remainder

PLUMAS COUNTY:
 Area 1: Western portion
 Area 2: Remainder

SHASTA COUNTY:
 Area 1: All but the Northeastern corner
 Area 2: Remainder

SIERRA COUNTY:
 Area 1: Western part
 Area 2: Remainder

SISKIYOU COUNTY:
 Area 1: Central part
 Area 2: Remainder

SONOMA COUNTY:
 Area 1: All but the Northwestern corner
 Area 2: Remainder

TEHAMA COUNTY:
 Area 1: All but the Western border with Mendocino & Trinity
 Counties
 Area 2: Remainder

TRINITY COUNTY:
 Area 1: East Central part and the Northeastern border with
 Shasta County
 Area 2: Remainder

TUOLUMNE COUNTY:
 Area 1: Except Eastern part
 Area 2: Eastern part

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"AREA 1" WAGE RATES ARE LISTED BELOW

"AREA 2" RECEIVES AN ADDITIONAL \$2.00 PER HOUR ABOVE AREA 1
 RATES.

SEE AREA DEFINITIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (AREA 1:)		
GROUP 1.....	\$ 39.85	27.44
GROUP 2.....	\$ 38.32	27.44
GROUP 3.....	\$ 36.84	27.44
GROUP 4.....	\$ 35.46	27.44

GROUP 5.....	\$ 34.19	27.44
GROUP 6.....	\$ 32.87	27.44
GROUP 7.....	\$ 31.73	27.44
GROUP 8.....	\$ 30.59	27.44
GROUP 8-A.....	\$ 28.38	27.44
OPERATOR: Power Equipment		
(Cranes and Attachments -		
AREA 1:)		
GROUP 1		
Cranes.....	\$ 40.73	27.44
Oiler.....	\$ 33.76	27.44
Truck crane oiler.....	\$ 37.33	27.44
GROUP 2		
Cranes.....	\$ 38.97	27.44
Oiler.....	\$ 33.50	27.44
Truck crane oiler.....	\$ 37.04	27.44
GROUP 3		
Cranes.....	\$ 37.23	27.44
Hydraulic.....	\$ 32.87	27.44
Oiler.....	\$ 33.26	27.44
Truck Crane Oiler.....	\$ 36.77	27.44
GROUP 4		
Cranes.....	\$ 34.19	27.44
OPERATOR: Power Equipment		
(Piledriving - AREA 1:)		
GROUP 1		
Lifting devices.....	\$ 41.07	27.44
Oiler.....	\$ 31.81	27.44
Truck crane oiler.....	\$ 34.09	27.44
GROUP 2		
Lifting devices.....	\$ 39.25	27.44
Oiler.....	\$ 31.54	27.44
Truck Crane Oiler.....	\$ 33.84	27.44
GROUP 3		
Lifting devices.....	\$ 37.57	27.44
Oiler.....	\$ 31.32	27.44
Truck Crane Oiler.....	\$ 33.55	27.44
GROUP 4		
Lifting devices.....	\$ 35.80	27.44
GROUP 5		
Lifting devices.....	\$ 34.50	27.44
GROUP 6		
Lifting devices.....	\$ 33.16	27.44
OPERATOR: Power Equipment		
(Steel Erection - AREA 1:)		
GROUP 1		
Cranes.....	\$ 41.70	27.44
Oiler.....	\$ 32.15	27.44
Truck Crane Oiler.....	\$ 34.38	27.44
GROUP 2		
Cranes.....	\$ 39.93	27.44
Oiler.....	\$ 31.88	27.44
Truck Crane Oiler.....	\$ 34.16	27.44
GROUP 3		
Cranes.....	\$ 38.45	27.44
Hydraulic.....	\$ 32.67	27.44
Oiler.....	\$ 31.66	27.44
Truck Crane Oiler.....	\$ 33.89	27.44
GROUP 4		
Cranes.....	\$ 36.43	27.44

GROUP 5		
Cranes.....	\$ 35.13	27.44
OPERATOR: Power Equipment		
(Tunnel and Underground Work		
- AREA 1:)		
SHAFTS, STOPES, RAISES:		
GROUP 1.....	\$ 35.95	27.44
GROUP 1-A.....	\$ 38.32	27.44
GROUP 2.....	\$ 34.59	27.44
GROUP 3.....	\$ 33.36	27.44
GROUP 4.....	\$ 32.22	27.44
GROUP 5.....	\$ 31.08	27.44
UNDERGROUND:		
GROUP 1.....	\$ 35.85	27.44
GROUP 1-A.....	\$ 38.32	27.44
GROUP 2.....	\$ 34.59	27.44
GROUP 3.....	\$ 33.26	27.44
GROUP 4.....	\$ 32.12	27.44
GROUP 5.....	\$ 30.98	27.44

FOOTNOTE: Work suspended by ropes or cables, or work on a Yo-Yo Cat: \$.60 per hour additional.

POWER EQUIPMENT OPERATOR CLASSIFICATIONS

GROUP 1: Operator of helicopter (when used in erection work); Hydraulic excavator, 7 cu. yds. and over; Power shovels, over 7 cu. yds.

GROUP 2: Highline cableway; Hydraulic excavator, 3-1/2 cu. yds. up to 7 cu. yds.; Licensed construction work boat operator, on site; Power blade operator (finish); Power shovels, over 1 cu. yd. up to and including 7 cu. yds. m.r.c.

GROUP 3: Asphalt milling machine; Cable backhoe; Combination backhoe and loader over 3/4 cu. yds.; Continuous flight tie back machine assistant to engineer or mechanic; Crane mounted continuous flight tie back machine, tonnage to apply; Crane mounted drill attachment, tonnage to apply; Dozer, slope brd; Gradall; Hydraulic excavator, up to 3 1/2 cu. yds.; Loader 4 cu. yds. and over; Long reach excavator; Multiple engine scraper (when used as push pull); Power shovels, up to and including 1 cu. yd.; Pre-stress wire wrapping machine; Side boom cat, 572 or larger; Track loader 4 cu. yds. and over; Wheel excavator (up to and including 750 cu. yds. per hour)

GROUP 4: Asphalt plant engineer/box person; Chicago boom; Combination backhoe and loader up to and including 3/4 cu. yd.; Concrete batch plant (wet or dry); Dozer and/or push cat; Pull-type elevating loader; Gradesetter, grade checker (GPS, mechanical or otherwise); Grooving and grinding machine; Heading shield operator; Heavy-duty drilling equipment, Hughes, LDH, Watson 3000 or similar; Heavy-duty repairperson and/or welder; Lime spreader; Loader under 4 cu. yds.; Lubrication and service engineer (mobile and grease rack); Mechanical finishers or spreader machine (asphalt, Barber-Greene and similar); Miller

Formless M-9000 slope paver or similar; Portable crushing and screening plants; Power blade support; Roller operator, asphalt; Rubber-tired scraper, self-loading (paddle-wheels, etc.); Rubber-tired earthmoving equipment (scrapers); Slip form paver (concrete); Small tractor with drag; Soil stabilizer (P & H or equal); Spider plow and spider puller; Tubex pile rig; Unlicensed construction work boat operator, on site; Timber skidder; Track loader up to 4 yds.; Tractor-drawn scraper; Tractor, compressor drill combination; Welder; Woods-Mixer (and other similar Pugmill equipment)

GROUP 5: Cast-in-place pipe laying machine; Combination slusher and motor operator; Concrete conveyor or concrete pump, truck or equipment mounted; Concrete conveyor, building site; Concrete pump or pumpcrete gun; Drilling equipment, Watson 2000, Texoma 700 or similar; Drilling and boring machinery, horizontal (not to apply to waterliners, wagon drills or jackhammers); Concrete mixer/all; Person and/or material hoist; Mechanical finishers (concrete) (Clary, Johnson, Bidwell Bridge Deck or similar types); Mechanical burm, curb and/or curb and gutter machine, concrete or asphalt); Mine or shaft hoist; Portable crusher; Power jumbo operator (setting slip-forms, etc., in tunnels); Screed (automatic or manual); Self-propelled compactor with dozer; Tractor with boom D6 or smaller; Trenching machine, maximum digging capacity over 5 ft. depth; Vermeer T-600B rock cutter or similar

GROUP 6: Armor-Coater (or similar); Ballast jack tamper; Boom-type backfilling machine; Assistant plant engineer; Bridge and/or gantry crane; Chemical grouting machine, truck-mounted; Chip spreading machine operator; Concrete saw (self-propelled unit on streets, highways, airports and canals); Deck engineer; Drilling equipment Texoma 600, Hughes 200 Series or similar up to and including 30 ft. m.r.c.; Drill doctor; Helicopter radio operator; Hydro-hammer or similar; Line master; Skidsteer loader, Bobcat larger than 743 series or similar (with attachments); Locomotive; Lull hi-lift or similar; Oiler, truck mounted equipment; Pavement breaker, truck-mounted, with compressor combination; Paving fabric installation and/or laying machine; Pipe bending machine (pipelines only); Pipe wrapping machine (tractor propelled and supported); Screed (except asphaltic concrete paving); Self-propelled pipeline wrapping machine; Tractor; Self-loading chipper; Concrete barrier moving machine

GROUP 7: Ballast regulator; Boom truck or dual-purpose A-frame truck, non-rotating - under 15 tons; Cary lift or similar; Combination slurry mixer and/or cleaner; Drilling equipment, 20 ft. and under m.r.c.; Firetender (hot plant); Grouting machine operator; Highline cableway signalperson; Stationary belt loader (Kolman or similar); Lift slab machine (Vagtborg and similar types); Maginnes internal full slab vibrator; Material hoist (1 drum); Mechanical trench shield; Pavement breaker with or without compressor combination); Pipe cleaning machine (tractor propelled and supported); Post driver; Roller (except asphalt); Chip Seal; Self-propelled automatically applied concrete curing

mahcine (on streets, highways, airports and canals);
 Self-propelled compactor (without dozer); Signalperson;
 Slip-form pumps (lifting device for concrete forms); Tie
 spacer; Tower mobile; Trenching machine, maximum digging
 capacity up to and including 5 ft. depth; Truck- type loader

GROUP 8: Bit sharpener; Boiler tender; Box operator;
 Brakeperson; Combination mixer and compressor
 (shotcrete/gunite); Compressor operator; Deckhand; Fire
 tender; Forklift (under 20 ft.); Generator;
 Gunite/shotcrete equipment operator; Hydraulic monitor; Ken
 seal machine (or similar); Mixermobile; Oiler; Pump
 operator; Refrigeration plant; Reservoir-debris tug (self-
 propelled floating); Ross Carrier (construction site);
 Rotomist operator; Self-propelled tape machine; Shuttlecar;
 Self-propelled power sweeper operator (includes vacuum
 sweeper); Slusher operator; Surface heater; Switchperson;
 Tar pot firetender; Tugger hoist, single drum; Vacuum
 cooling plant; Welding machine (powered other than by
 electricity)

GROUP 8-A: Elevator operator; Skidsteer loader-Bobcat 743
 series or smaller, and similar (without attachments); Mini
 excavator under 25 H.P. (backhoe-trencher); Tub grinder
 wood chipper

ALL CRANES AND ATTACHMENTS

GROUP 1: Clamshell and dragline over 7 cu. yds.; Crane, over
 100 tons; Derrick, over 100 tons; Derrick barge
 pedestal-mounted, over 100 tons; Self-propelled boom-type
 lifting device, over 100 tons

GROUP 2: Clamshell and dragline over 1 cu. yd. up to and
 including 7 cu. yds.; Crane, over 45 tons up to and
 including 100 tons; Derrick barge, 100 tons and under;
 Self-propelled boom-type lifting device, over 45 tons;
 Tower crane

GROUP 3: Clamshell and dragline up to and including 1 cu.
 yd.; Cranes 45 tons and under; Self-propelled boom-type
 lifting device 45 tons and under;

GROUP 4: Boom Truck or dual purpose A-frame truck,
 non-rotating over 15 tons; Truck-mounted rotating
 telescopic boom type lifting device, Manitex or similar
 (boom truck) over 15 tons; Truck-mounted rotating
 telescopic boom type lifting device, Manitex or similar
 (boom truck) - under 15 tons;

PILEDRIVERS

GROUP 1: Derrick barge pedestal mounted over 100 tons;
 Clamshell over 7 cu. yds.; Self-propelled boom-type lifting
 device over 100 tons; Truck crane or crawler, land or barge
 mounted over 100 tons

GROUP 2: Derrick barge pedestal mounted 45 tons to and including 100 tons; Clamshell up to and including 7 cu. yds.; Self-propelled boom-type lifting device over 45 tons; Truck crane or crawler, land or barge mounted, over 45 tons up to and including 100 tons; Fundex F-12 hydraulic pile rig

GROUP 3: Derrick barge pedestal mounted under 45 tons; Self-propelled boom-type lifting device 45 tons and under; Skid/scow piledriver, any tonnage; Truck crane or crawler, land or barge mounted 45 tons and under

GROUP 4: Assistant operator in lieu of assistant to engineer; Forklift, 10 tons and over; Heavy-duty repairperson/welder

GROUP 5: Deck engineer

GROUP 6: Deckhand; Fire tender

STEEL ERECTORS

GROUP 1: Crane over 100 tons; Derrick over 100 tons; Self-propelled boom-type lifting device over 100 tons

GROUP 2: Crane over 45 tons to 100 tons; Derrick under 100 tons; Self-propelled boom-type lifting device over 45 tons to 100 tons; Tower crane

GROUP 3: Crane, 45 tons and under; Self-propelled boom-type lifting device, 45 tons and under

GROUP 4: Chicago boom; Forklift, 10 tons and over; Heavy-duty repair person/welder

GROUP 5: Boom cat

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TUNNEL AND UNDERGROUND WORK

GROUP 1-A: Tunnel bore machine operator, 20' diameter or more

GROUP 1: Heading shield operator; Heavy-duty repairperson; Mucking machine (rubber tired, rail or track type); Raised bore operator (tunnels); Tunnel mole bore operator

GROUP 2: Combination slusher and motor operator; Concrete pump or pumpcrete gun; Power jumbo operator

GROUP 3: Drill doctor; Mine or shaft hoist

GROUP 4: Combination slurry mixer cleaner; Grouting Machine operator; Motorman

GROUP 5: Bit Sharpener; Brakeman; Combination mixer and compressor (gunitite); Compressor operator; Oiler; Pump

operator; Slusher operator

AREA DESCRIPTIONS:

POWER EQUIPMENT OPERATORS, CRANES AND ATTACHMENTS, TUNNEL AND UNDERGROUND [These areas do not apply to Piledrivers and Steel Erectors]

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border with Shasta County
Area 2: Remainder

MADERA COUNTY

Area 1: Remainder

Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder

Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts

Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder

Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of
Sierra County

Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion

Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion

Area 2: Remainder

SHASTA COUNTY:

Area 1: All but the Northeastern corner

Area 2: Remainder

SIERRA COUNTY:

Area 1: Western part

Area 2: Remainder

SISKIYOU COUNTY:

Area 1: Central part

Area 2: Remainder

SONOMA COUNTY:

Area 1: All but the Northwestern corner

Area 2: Reaminder

TEHAMA COUNTY:

Area 1: All but the Western border with mendocino & Trinity
Counties

Area 2: Remainder

TRINITY COUNTY:

Area 1: East Central part and the Northeaster border with
Shasta County

Area 2: Remainder

TULARE COUNTY;

Area 1: Remainder

Area 2: Eastern part

TUOLUMNE COUNTY:

Area 1: Remainder
Area 2: Eastern Part

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SEE AREA DESCRIPTIONS BELOW

	Rates	Fringes
OPERATOR: Power Equipment (LANDSCAPE WORK ONLY)		
GROUP 1		
AREA 1.....	\$ 29.64	25.71
AREA 2.....	\$ 31.64	25.71
GROUP 2		
AREA 1.....	\$ 26.04	25.71
AREA 2.....	\$ 28.04	25.71
GROUP 3		
AREA 1.....	\$ 21.43	25.71
AREA 2.....	\$ 23.43	25.71

GROUP DESCRIPTIONS:

GROUP 1: Landscape Finish Grade Operator: All finish grade work regardless of equipment used, and all equipment with a rating more than 65 HP.

GROUP 2: Landscape Operator up to 65 HP: All equipment with a manufacturer's rating of 65 HP or less except equipment covered by Group 1 or Group 3. The following equipment shall be included except when used for finish work as long as manufacturer's rating is 65 HP or less: A-Frame and Winch Truck, Backhoe, Forklift, Hydragraphic Seeder Machine, Roller, Rubber-Tired and Track Earthmoving Equipment, Skiploader, Straw Blowers, and Trencher 31 HP up to 65 HP.

GROUP 3: Landscae Utility Operator: Small Rubber-Tired Tractor, Trencher Under 31 HP.

AREA DESCRIPTIONS:

AREA 1: ALAMEDA, BUTTE, CONTRA COSTA, KINGS, MARIN, MERCED, NAPA, SACRAMENTO, SAN BENITO, SAN FRANCISCO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, SOLANO, STANISLAUS, SUTTER, YOLO, AND YUBA COUNTIES

AREA 2 - MODOC COUNTY

THE REMAINING COUNTIES ARE SPLIT BETWEEN AREA 1 AND AREA 2 AS NOTED BELOW:

ALPINE COUNTY:

Area 1: Northernmost part
Area 2: Remainder

CALAVERAS COUNTY:

Area 1: Except Eastern part
Area 2: Eastern part

COLUSA COUNTY:

Area 1: Eastern part
Area 2: Remainder

DEL NORTE COUNTY:

Area 1: Extreme Southwestern corner
Area 2: Remainder

ELDORADO COUNTY:

Area 1: North Central part
Area 2: Remainder

FRESNO COUNTY

Area 1: Except Eastern part
Area 2: Eastern part

GLENN COUNTY:

Area 1: Eastern part
Area 2: Remainder

HUMBOLDT COUNTY:

Area 1: Except Eastern and Southwestern parts
Area 2: Remainder

LAKE COUNTY:

Area 1: Southern part
Area 2: Remainder

LASSEN COUNTY:

Area 1: Western part along the Southern portion of border
with Shasta County
Area 2: Remainder

MADERA COUNTY

Area 1: Remainder
Area 2: Eastern part

MARIPOSA COUNTY

Area 1: Remainder
Area 2: Eastern part

MENDOCINO COUNTY:

Area 1: Central and Southeastern parts
Area 2: Remainder

MONTEREY COUNTY

Area 1: Remainder
Area 2: Southwestern part

NEVADA COUNTY:

Area 1: All but the Northern portion along the border of
Sierra County
Area 2: Remainder

PLACER COUNTY:

Area 1: All but the Central portion
Area 2: Remainder

PLUMAS COUNTY:

Area 1: Western portion
 Area 2: Remainder

SHASTA COUNTY:
 Area 1: All but the Northeastern corner
 Area 2: Remainder

SIERRA COUNTY:
 Area 1: Western part
 Area 2: Remainder

SISKIYOU COUNTY:
 Area 1: Central part
 Area 2: Remainder

SONOMA COUNTY:
 Area 1: All but the Northwestern corner
 Area 2: Reaminder

TEHAMA COUNTY:
 Area 1: All but the Western border with mendocino & Trinity
 Counties
 Area 2: Remainder

TRINITY COUNTY:
 Area 1: East Central part and the Northeaster border with
 Shasta County
 Area 2: Remainder

TULARE COUNTY;
 Area 1: Remainder
 Area 2: Eastern part

TUOLUMNE COUNTY:
 Area 1: Remainder
 Area 2: Eastern Part

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	Rates	Fringes
Ironworkers:		
Fence Erector.....	\$ 28.33	20.64
Ornamental, Reinforcing and Structural.....	\$ 34.75	29.20

PREMIUM PAY:

\$6.00 additional per hour at the following locations:

China Lake Naval Test Station, Chocolate Mountains Naval
 Reserve-Niland,
 Edwards AFB, Fort Irwin Military Station, Fort Irwin Training
 Center-Goldstone, San Clemente Island, San Nicholas Island,
 Susanville Federal Prison, 29 Palms - Marine Corps, U.S. Marine
 Base - Barstow, U.S. Naval Air Facility - Sealey, Vandenberg AFB

\$4.00 additional per hour at the following locations:

Army Defense Language Institute - Monterey, Fallon Air Base,
 Naval Post Graduate School - Monterey, Yermo Marine Corps
 Logistics Center

\$2.00 additional per hour at the following locations:

Port Hueneme, Port Mugu, U.S. Coast Guard Station - Two Rock

 LABO0067-002 06/27/2016

AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN
 MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, DEL
 NORTE, EL DORADO, FRESNO, GLENN, HUMBOLDT, KINGS, LAKE, LASSEN,
 MADERA, MARIPOSA, MENDOCINO, MERCED, MODOC, MONTEREY, NAPA,
 NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN BENITO, SAN JOAQUIN,
 SANTA CRUZ, SHASTA, SIERRA, SISKIYOU, SOLANO, SONOMA,
 STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE, TUOLUMNE, YOLO AND
 YUBA COUNTIES

	Rates	Fringes
Asbestos Removal Laborer		
Areas A & B.....	\$ 20.66	10.02
LABORER (Lead Removal)		
Area A.....	\$ 30.00	21.34
Area B.....	\$ 29.00	21.34

ASBESTOS REMOVAL-SCOPE OF WORK: Site mobilization; initial
 site clean-up; site preparation; removal of
 asbestos-containing materials from walls and ceilings; or
 from pipes, boilers and mechanical systems only if they are
 being scrapped; encapsulation, enclosure and disposal of
 asbestos-containing materials by hand or with equipment or
 machinery; scaffolding; fabrication of temporary wooden
 barriers; and assembly of decontamination stations.

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AREA "A" - ALAMEDA, CONTRA COSTA, MARIN, SAN FRANCISCO, SAN
 MATEO AND SANTA CLARA COUNTIES

AREA "B" - ALPINE, AMADOR, BUTTE, CALAVERAS, COLUSA, EL
 DORADO, FRESNO, GLENN, KINGS, LASSEN, MADERA, MARIPOSA, MERCED,
 MODOC, MONTEREY, NAPA, NEVADA, PLACER, PLUMAS, SACRAMENTO, SAN
 BENITO, SAN JOAQUIN, SANTA CRUZ, SHASTA, SIERRA, SISKIYOU,
 SOLANO, SONOMA, STANISLAUS, SUTTER, TEHAMA, TRINITY, TULARE,
 TUOLUMNE, YOLO AND YUBA COUNTIES

	Rates	Fringes
Laborers: (CONSTRUCTION CRAFT LABORERS - AREA A:) Construction Specialist		

Group.....	\$ 29.09	18.66
GROUP 1.....	\$ 28.39	18.66
GROUP 1-a.....	\$ 28.61	18.66
GROUP 1-c.....	\$ 28.44	18.66
GROUP 1-e.....	\$ 28.94	18.66
GROUP 1-f.....	\$ 28.97	18.66
GROUP 1-g (Contra Costa County).....	\$ 28.59	18.66
GROUP 2.....	\$ 28.24	18.66
GROUP 3.....	\$ 28.14	18.66
GROUP 4.....	\$ 21.83	18.66

See groups 1-b and 1-d under laborer classifications.

Laborers: (CONSTRUCTION CRAFT
LABORERS - AREA B:)

Construction Specialist

Group.....	\$ 28.09	18.66
GROUP 1.....	\$ 27.39	18.66
GROUP 1-a.....	\$ 27.61	18.66
GROUP 1-c.....	\$ 27.44	18.66
GROUP 1-e.....	\$ 27.94	18.66
GROUP 1-f.....	\$ 27.97	18.66
GROUP 2.....	\$ 27.24	18.66
GROUP 3.....	\$ 27.14	18.66
GROUP 4.....	\$ 20.83	18.66

See groups 1-b and 1-d under laborer classifications.

Laborers: (GUNITE - AREA A:)

GROUP 1.....	\$ 29.35	18.66
GROUP 2.....	\$ 28.85	18.66
GROUP 3.....	\$ 28.26	18.66
GROUP 4.....	\$ 28.14	18.66

Laborers: (GUNITE - AREA B:)

GROUP 1.....	\$ 28.35	18.66
GROUP 2.....	\$ 27.85	18.66
GROUP 3.....	\$ 27.26	18.66
GROUP 4.....	\$ 27.14	18.66

Laborers: (WRECKING - AREA A:)

GROUP 1.....	\$ 28.39	18.66
GROUP 2.....	\$ 28.24	18.66

Laborers: (WRECKING - AREA B:)

GROUP 1.....	\$ 27.39	18.66
GROUP 2.....	\$ 27.24	18.66

Landscape Laborer (GARDENERS,
HORTICULTURAL & LANDSCAPE
LABORERS - AREA A:)

(1) New Construction.....	\$ 28.14	18.66
(2) Establishment Warranty Period.....	\$ 21.83	18.66

Landscape Laborer (GARDENERS,
HORTICULTURAL & LANDSCAPE
LABORERS - AREA B:)

(1) New Construction.....	\$ 27.14	18.66
(2) Establishment Warranty Period.....	\$ 20.83	18.66

FOOTNOTES:

Laborers working off or with or from bos'n chairs, swinging scaffolds, belts shall receive \$0.25 per hour above the applicable wage rate. This shall not apply to workers entitled to receive the wage rate set forth in Group 1-a below.

LABORER CLASSIFICATIONS

CONSTRUCTION SPECIALIST GROUP: Asphalt ironer and raker; Chainsaw; Laser beam in connection with laborers' work; Cast-in- place manhole form setter; Pressure pipelayer; Davis trencher - 300 or similar type (and all small trenchers); Blaster; Diamond driller; Multiple unit drill; Hydraulic drill

GROUP 1: Asphalt spreader boxes (all types); Barko, Wacker and similar type tampers; Buggymobile; Caulker, bander, pipewrapper, conduit layer, plastic pipelayer; Certified hazardous waste worker including Leade Abatement; Compactors of all types; Concrete and magnesite mixer, 1/2 yd. and under; Concrete pan work; Concrete sander; Concrete saw; Cribber and/or shoring; Cut granite curb setter; Dri-pak-it machine; Faller, logloader and buckler; Form raiser, slip forms; Green cutter; Headerboard, Hubsetter, aligner, by any method; High pressure blow pipe (1-1/2" or over, 100 lbs. pressure/over); Hydro seeder and similar type; Jackhammer operator; Jacking of pipe over 12 inches; Jackson and similar type compactor; Kettle tender, pot and worker applying asphalt, lay-kold, creosote, lime, caustic and similar type materials (applying means applying, dipping or handling of such materials); Lagging, sheeting, whaling, bracing, trenchjacking, lagging hammer; Magnesite, epoxyresin, fiberglass, mastic worker (wet or dry); No joint pipe and stripping of same, including repair of voids; Pavement breaker and spader, including tool grinder; Perma curb; Pipelayer (including grade checking in connection with pipelaying); Precast-manhole setter; Pressure pipe tester; Post hole digger, air, gas and electric; Power broom sweeper; Power tampers of all types (except as shown in Group 2); Ram set gun and stud gun; Riprap stonepaver and rock-slinger, including placing of sacked concrete and/or sand (wet or dry) and gabions and similar type; Rotary scarifier or multiple head concrete chipping scarifier; Roto and Ditch Witch; Rototiller; Sandblaster, pot, gun, nozzleoperators; Signalling and rigging; Tank cleaner; Tree climber; Turbo blaster; Vibrascreed, bull float in connection with laborers' work; Vibrator; Hazardous waste worker (lead removal); Asbestos and mold removal worker

GROUP 1-a: Joy drill model TWM-2A; Gardner-Denver model DH143 and similar type drills; Track driller; Jack leg driller; Wagon driller; Mechanical drillers, all types regardless of type or method of power; Mechanical pipe layers, all types regardless of type or method of power; Blaster and powder; All work of loading, placing and blasting of all powder and explosives of whatever type regardless of method used for such loading and placing; High scalers (including drilling of same); Tree topper; Bit grinder

GROUP 1-b: Sewer cleaners shall receive \$4.00 per day above Group 1 wage rates. "Sewer cleaner" means any worker who

handles or comes in contact with raw sewage in small diameter sewers. Those who work inside recently active, large diameter sewers, and all recently active sewer manholes shall receive \$5.00 per day above Group 1 wage rates.

GROUP 1-c: Burning and welding in connection with laborers' work; Synthetic thermoplastics and similar type welding

GROUP 1-d: Maintenance and repair track and road beds. All employees performing work covered herein shall receive \$.25 per hour above their regular rate for all work performed on underground structures not specifically covered herein. This paragraph shall not be construed to apply to work below ground level in open cut. It shall apply to cut and cover work of subway construction after the temporary cover has been placed.

GROUP 1-e: Work on and/or in bell hole footings and shafts thereof, and work on and in deep footings. (A deep footing is a hole 15 feet or more in depth.) In the event the depth of the footing is unknown at the commencement of excavation, and the final depth exceeds 15 feet, the deep footing wage rate would apply to all employees for each and every day worked on or in the excavation of the footing from the date of inception.

GROUP 1-f: Wire winding machine in connection with guniting or shot crete

GROUP 1-g, CONTRA COSTA COUNTY: Pipelayer (including grade checking in connection with pipelaying); Caulker; Bander; Pipewrapper; Conduit layer; Plastic pipe layer; Pressure pipe tester; No joint pipe and stripping of same, including repair of voids; Precast manhole setters, cast in place manhole form setters

GROUP 2: Asphalt shoveler; Cement dumper and handling dry cement or gypsum; Choke-setter and rigger (clearing work); Concrete bucket dumper and chute; Concrete chipping and grinding; Concrete laborer (wet or dry); Driller tender, chuck tender, nipper; Guinea chaser (stake), grout crew; High pressure nozzle, adductor; Hydraulic monitor (over 100 lbs. pressure); Loading and unloading, carrying and hauling of all rods and materials for use in reinforcing concrete construction; Pittsburgh chipper and similar type brush shredders; Sloper; Single foot, hand-held, pneumatic tamper; All pneumatic, air, gas and electric tools not listed in Groups 1 through 1-f; Jacking of pipe - under 12 inches

GROUP 3: Construction laborers, including bridge and general laborer; Dump, load spotter; Flag person; Fire watcher; Fence erector; Guardrail erector; Gardener, horticultural and landscape laborer; Jetting; Limber, brush loader and piler; Pavement marker (button setter); Maintenance, repair track and road beds; Streetcar and railroad construction track laborer; Temporary air and water lines, Victaulic or similar; Tool room attendant (jobsite only)

GROUP 4: Final clean-up work of debris, grounds and building including but not limited to: street cleaner; cleaning and washing windows; brick cleaner (jobsite only); material cleaner (jobsite only). The classification "material cleaner" is to be utilized under the following conditions:

A: at demolition site for the salvage of the material.

B: at the conclusion of a job where the material is to be salvaged and stocked to be reused on another job.

C: for the cleaning of salvage material at the jobsite or temporary jobsite yard.

The material cleaner classification should not be used in the performance of "form stripping, cleaning and oiling and moving to the next point of erection".

GUNITE LABORER CLASSIFICATIONS

GROUP 1: Structural Nozzleman

GROUP 2: Nozzleman, Gunman, Potman, Groundman

GROUP 3: Reboundman

GROUP 4: Gunitite laborer

WRECKING WORK LABORER CLASSIFICATIONS

GROUP 1: Skilled wrecker (removing and salvaging of sash, windows and materials)

GROUP 2: Semi-skilled wrecker (salvaging of other building materials)

LABO0073-002 06/30/2014

CALAVERAS AND SAN JOAQUIN COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..\$	27.14	19.03
Traffic Control Person I....\$	27.44	19.03
Traffic Control Person II...\$	24.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0073-003 06/30/2014

SAN JOAQUIN COUNTY

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 31.11	17.34

LABO0073-005 06/30/2014		

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

- GROUP 1: Diamond driller; Groundmen; Gunitite and shotcrete nozzlemen

- GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

- GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunitite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

- GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

- GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0166-001 07/01/2006

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Brick Tender.....	\$ 25.91	14.65

FOOTNOTES: Work on jobs where heat-protective clothing is required: \$2.00 per hour additional. Work at grinders: \$.25 per hour additional. Manhole work: \$2.00 per day additional.

LABO0166-002 07/01/2007

SAN FRANCISCO AND SAN MATEO COUNTIES:

	Rates	Fringes
MASON TENDER, BRICK.....	\$ 26.93	16.50

FOOTNOTES: Underground work such as sewers, manholes, catch basins, sewer pipes, telephone conduits, tunnels and cut trenches: \$5.00 per day additional. Work in live sewage: \$2.50 per day additional.

LABO0261-003 06/30/2014

SAN FRANCISCO AND SAN MATEO COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 28.14	19.03
Traffic Control Person I....	\$ 28.44	19.03
Traffic Control Person II...	\$ 25.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0261-005 06/30/2014

SAN FRANCISCO AND SAN MATEO COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and

bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0270-003 06/30/2014

AREA A: SANTA CLARA

AREA B: MONTEREY, SAN BENITO AND SANTA CRUZ COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person		
Area A.....	\$ 28.14	19.03
Area B.....	\$ 27.14	19.03
Traffic Control Person I		
Area A.....	\$ 28.44	19.03
Area B.....	\$ 27.44	19.03
Traffic Control Person II		
Area A.....	\$ 25.94	19.03
Area B.....	\$ 24.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0270-004 06/30/2014

MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunitite and shotcrete

nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Guniting & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0270-005 07/01/2013

MONTEREY AND SAN BENITO COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 31.70	16.53

LABO0294-001 06/30/2014

FRESNO, KINGS AND MADERA COUNTIES

	Rates	Fringes
LABORER (Brick)		
Mason Tender-Brick.....	\$ 31.11	17.34

LABO0294-002 06/30/2014

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 27.14	19.03
Traffic Control Person I....	\$ 27.44	19.03
Traffic Control Person II...\$	24.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO0294-005 06/30/2014

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0304-002 06/30/2014

ALAMEDA COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 28.14	19.03
Traffic Control Person I....	\$ 28.44	19.03
Traffic Control Person II...	\$ 25.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash

cushions.

LABO0304-003 06/30/2014

ALAMEDA COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzle-men

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO0324-002 06/30/2014

CONTRA COSTA COUNTY

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 28.14	19.03
Traffic Control Person I....	\$ 28.44	19.03
Traffic Control Person II...	\$ 25.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of

temporary/permanent signs, markers, delineators and crash cushions.

LABO0324-006 06/30/2014

CONTRA COSTA COUNTY

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Guniting and shotcrete nozzle men

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickers - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Guniting & shotcrete gunner & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO1130-002 06/30/2014

MARIPOSA, MERCED, STANISLAUS, AND TUOLUMNE COUNTIES

	Rates	Fringes
LABORER (TRAFFIC CONTROL/LANE CLOSURE)		
Escort Driver, Flag Person..	\$ 27.14	19.03
Traffic Control Person I....	\$ 27.44	19.03
Traffic Control Person II....	\$ 24.94	19.03

TRAFFIC CONTROL PERSON I: Layout of traffic control, crash cushions, construction area and roadside signage.

TRAFFIC CONTROL PERSON II: Installation and removal of temporary/permanent signs, markers, delineators and crash cushions.

LABO1130-003 06/30/2014

MARIPOSA, MERCED, STANISLAUS, AND TUOLUMNE COUNTIES

	Rates	Fringes
Tunnel and Shaft Laborers:		
GROUP 1.....	\$ 34.60	19.49
GROUP 2.....	\$ 34.37	19.49
GROUP 3.....	\$ 34.12	19.49
GROUP 4.....	\$ 33.67	19.49
GROUP 5.....	\$ 33.13	19.49
Shotcrete Specialist.....	\$ 35.12	19.49

TUNNEL AND SHAFT CLASSIFICATIONS

GROUP 1: Diamond driller; Groundmen; Gunite and shotcrete nozzlemen

GROUP 2: Rodmen; Shaft work & raise (below actual or excavated ground level)

GROUP 3: Bit grinder; Blaster, driller, powdermen, heading; Cherry pickermen - where car is lifted; Concrete finisher in tunnel; Concrete screedman; Grout pumpman and potman; Gunite & shotcrete gunman & potman; Headermen; High pressure nozzleman; Miner - tunnel, including top and bottom man on shaft and raise work; Nipper; Nozzleman on slick line; Sandblaster - potman, Robotic Shotcrete Placer, Segment Erector, Tunnel Muck Hauler, Steel Form raiser and setter; Timberman, retimberman (wood or steel or substitute materials therefore); Tugger (for tunnel laborer work); Cable tender; Chuck tender; Powderman - primer house

GROUP 4: Vibrator operator, pavement breaker; Bull gang - muckers, trackmen; Concrete crew - includes rodding and spreading, Dumpmen (any method)

GROUP 5: Grout crew; Reboundman; Swamper/ Brakeman

LABO1130-005 06/30/2014

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES

	Rates	Fringes
LABORER		
Mason Tender-Brick.....	\$ 31.11	17.34

LABO1414-004 08/03/2016

SAN FRANCISCO AND SAN MATEO COUNTIES:

Rates	Fringes
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PLASTER TENDER.....\$ 34.15 19.28

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO1414-007 08/03/2016

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE

Rates Fringes

Plasterer tender.....\$ 34.15 19.28

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO1414-008 08/03/2016

ALAMEDA AND CONTRA COSTA COUNTIES:

Rates Fringes

Plasterer tender.....\$ 34.15 19.28

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO1414-010 08/03/2016

SANTA CLARA AND SANTA CRUZ COUNTIES

Rates Fringes

PLASTER TENDER

4 Stories and under.....\$ 32.15 19.28

5 Stories and above.....\$ 34.15 19.28

Work on a swing stage scaffold: \$1.00 per hour additional.

LABO1414-011 08/03/2016

MONTEREY AND SAN BENITO COUNTIES

Rates Fringes

Plasterer tender.....\$ 34.15 19.28

Work on a swing stage scaffold: \$1.00 per hour additional.

PAIN0016-001 01/01/2017

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN MATEO, SANTA CLARA, AND SANTA CRUZ COUNTIES

Rates Fringes

Painters:.....\$ 38.87 22.83

PREMIUMS:

EXOTIC MATERIALS - \$0.75 additional per hour.
 SPRAY WORK: - \$0.50 additional per hour.
 INDUSTRIAL PAINTING - \$0.25 additional per hour
 [Work on industrial buildings used for the manufacture and processing of goods for sale or service; steel construction (bridges), stacks, towers, tanks, and similar structures]

HIGH WORK:
 over 50 feet - \$2.00 per hour additional
 100 to 180 feet - \$4.00 per hour additional
 Over 180 feet - \$6.00 per hour additional

 PAIN0016-003 01/01/2017

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO & SANTA CLARA COUNTIES

AREA 2: CALAVERAS, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS & TUOLUMNE COUNTIES

	Rates	Fringes
Drywall Finisher/Taper		
AREA 1.....	\$ 44.16	25.64
AREA 2.....	\$ 40.03	24.29

 PAIN0016-012 01/01/2017

ALAMEDA, CONTRA COSTA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 47.39	24.64

 PAIN0016-015 01/01/2017

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE COUNTIES

	Rates	Fringes
PAINTER		
Brush.....	\$ 32.16	18.26

FOOTNOTES:
 SPRAY/SANDBLAST: \$0.50 additional per hour.
 EXOTIC MATERIALS: \$1.00 additional per hour.
 HIGH TIME: Over 50 ft above ground or water level \$2.00 additional per hour. 100 to 180 ft above ground or water level \$4.00 additional per hour. Over 180 ft above ground or water level \$6.00 additional per hour.

 PAIN0016-022 01/01/2017

SAN FRANCISCO COUNTY

	Rates	Fringes
PAINTER.....	\$ 42.49	22.83

PAIN0169-001 01/01/2017

FRESNO, KINGS, MADERA, MARIPOSA AND MERCED COUNTIES:

	Rates	Fringes
GLAZIER.....	\$ 34.93	24.03

PAIN0169-005 01/01/2017ALAMEDA CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN
MATEO, SANTA CLARA & SANTA CRUZ COUNTIES

	Rates	Fringes
GLAZIER.....	\$ 45.13	26.79

PAIN0294-004 01/01/2015

FRESNO, KINGS AND MADERA COUNTIES

	Rates	Fringes
PAINTER		
Brush, Roller.....	\$ 25.67	15.68
Drywall Finisher/Taper.....	\$ 30.47	16.81

FOOTNOTE:

Spray Painters & Paperhangers recive \$1.00 additional per hour. Painters doing Drywall Patching receive \$1.25 additional per hour. Lead Abaters & Sandblasters receive \$1.50 additional per hour. High Time - over 30 feet (does not include work from a lift) \$0.75 per hour additional.

PAIN0294-005 01/01/2015

FRESNO, KINGS & MADERA

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 30.83	17.39

PAIN0767-001 01/01/2017

CALAVERAS, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
GLAZIER.....	\$ 34.57	25.96

PAID HOLIDAYS: New Year's Day, Martin Luther King, Jr. Day,

President's Day, Memorial Day, Independence Day, Labor Day, Veteran's Day, Thanksgiving Day, and Christmas Day.

Employee required to wear a body harness shall receive \$1.50 per hour above the basic hourly rate at any elevation.

 PAIN1176-001 07/01/2014

HIGHWAY IMPROVEMENT

	Rates	Fringes
Parking Lot Striping/Highway Marking:		
GROUP 1.....	\$ 34.26	11.65
GROUP 2.....	\$ 29.12	11.65
GROUP 3.....	\$ 29.46	11.65

CLASSIFICATIONS

GROUP 1: Striper: Layout and application of painted traffic stripes and marking; hot thermo plastic; tape, traffic stripes and markings

GROUP 2: Gamecourt & Playground Installer

GROUP 3: Protective Coating, Pavement Sealing

 PAIN1237-003 01/01/2017

CALAVERAS; SAN JOAQUIN COUNTIES; STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SOFT FLOOR LAYER.....	\$ 33.93	20.39

 PLAS0066-002 07/01/2016

ALAMEDA, CONTRA COSTA, SAN MATEO AND SAN FRANCISCO COUNTIES:

	Rates	Fringes
PLASTERER.....	\$ 39.52	35.37

 PLAS0300-001 07/01/2014

	Rates	Fringes
PLASTERER		
AREA 188: Fresno.....	\$ 29.44	22.26
AREA 224: San Benito, Santa Clara, Santa Cruz.....	\$ 31.59	22.26
AREA 295: Calaveras & San Joaquin Counties.....	\$ 31.41	22.26
AREA 337: Monterey County..	\$ 30.52	22.26
AREA 429: Mariposa,		

Merced, Stanislaus,
Tuolumne Counties.....\$ 31.41 22.26

PLAS0300-005 07/01/2016

	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER....	\$ 37.74	19.37

PLUM0038-001 07/01/2016

SAN FRANCISCO COUNTY

	Rates	Fringes
PLUMBER (Plumber, Steamfitter, Refrigeration Fitter).....	\$ 68.00	45.09

PLUM0038-005 07/01/2016

SAN FRANCISCO COUNTY

	Rates	Fringes
Landscape/Irrigation Fitter (Underground/Utility Fitter).....	\$ 57.80	33.46

PLUM0062-001 01/01/2017

MONTEREY AND SANTA CRUZ COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 41.90	29.59

PLUM0159-001 07/01/2016

CONTRA COSTA COUNTY

	Rates	Fringes
Plumber and steamfitter		
(1) Refrigeration.....	\$ 55.03	34.46
(2) All other work.....	\$ 55.92	34.44

PLUM0246-001 01/01/2017

FRESNO, KINGS & MADERA COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 38.40	29.39

PLUM0246-004 01/01/2017

FRESNO, MERCED & SAN JOAQUIN COUNTIES

	Rates	Fringes
--	-------	---------

PLUMBER (PIPE TRADESMAN).....\$ 13.00 10.74

PIPE TRADESMAN SCOPE OF WORK:

Installation of corrugated metal piping for drainage, as well as installation of corrugated metal piping for culverts in connection with storm sewers and drains; Grouting, dry packing and diapering of joints, holes or chases including paving over joints, in piping; Temporary piping for dirt work for building site preparation; Operating jack hammers, pavement breakers, chipping guns, concrete saws and spades to cut holes, chases and channels for piping systems; Digging, grading, backfilling and ground preparation for all types of pipe to all points of the jobsite; Ground preparation including ground leveling, layout and planting of shrubbery, trees and ground cover, including watering, mowing, edging, pruning and fertilizing, the breaking of concrete, digging, backfilling and tamping for the preparation and completion of all work in connection with lawn sprinkler and landscaping; Loading, unloading and distributing materials at jobsite; Putting away materials in storage bins in jobsite secure storage area; Demolition of piping and fixtures for remodeling and additions; Setting up and tearing down work benches, ladders and job shacks; Clean-up and sweeping of jobsite; Pipe wrapping and waterproofing where tar or similar material is applied for protection of buried piping; Flagman

 PLUM0342-001 07/01/2016

ALAMEDA & CONTRA COSTA COUNTIES

	Rates	Fringes
PIPEFITTER		
CONTRA COSTA COUNTY.....\$ 56.56	56.56	40.74
PLUMBER, PIPEFITTER, STEAMFITTER		
ALAMEDA COUNTY.....\$ 56.56	56.56	40.74

 PLUM0355-004 07/01/2015

ALAMEDA, CALAVERAS, CONTRA COSTA, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SAN MATEO, SANTA CLARA, SANTA CRUZ, STANISLAUS, AND TUOLUMNE COUNTIES:

	Rates	Fringes
Underground Utility Worker /Landscape Fitter.....\$ 28.60	28.60	10.05

 PLUM0393-001 07/01/2016

SAN BENITO AND SANTA CLARA COUNTIES

	Rates	Fringes
PLUMBER/PIPEFITTER.....\$ 58.91	58.91	38.58

PLUM0442-001 01/01/2017

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS & TUOLUMNE
COUNTIES

	Rates	Fringes
PLUMBER & STEAMFITTER.....	\$ 40.00	28.39

PLUM0467-001 07/01/2016

SAN MATEO COUNTY

	Rates	Fringes
Plumber/Pipefitter/Steamfitter...	\$ 60.70	33.46

ROOF0027-002 01/01/2017

FRESNO, KINGS, AND MADERA COUNTIES

	Rates	Fringes
ROOFER.....	\$ 26.01	14.21

FOOTNOTE: Work with pitch, pitch base of pitch impregnated products or any material containing coal tar pitch, on any building old or new, where both asphalt and pitchers are used in the application of a built-up roof or tear off: \$2.00 per hour additional.

ROOF0040-002 08/01/2015

SAN FRANCISCO & SAN MATEO COUNTIES:

	Rates	Fringes
ROOFER.....	\$ 35.50	15.82

ROOF0081-001 08/01/2015

ALAMEDA AND CONTRA COSTA COUNTIES:

	Rates	Fringes
Roofer.....	\$ 36.08	14.90

ROOF0081-004 08/01/2015

CALAVERAS, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND
TUOLUMNE COUNTIES:

	Rates	Fringes
ROOFER.....	\$ 32.71	14.65

ROOF0095-002 08/01/2015

MONTEREY, SAN BENITO, SANTA CLARA, AND SANTA CRUZ COUNTIES:

	Rates	Fringes
ROOFER		
Journeyman.....	\$ 37.55	15.52
Kettle person (2 kettles); Bitumastic, Enameler, Coal Tar, Pitch and Mastic worker.....	\$ 39.55	15.52

SFCA0483-001 01/01/2017

ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO AND SANTA CLARA COUNTIES:

	Rates	Fringes
SPRINKLER FITTER (FIRE).....	\$ 58.72	28.07

SFCA0669-011 04/01/2016

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, MONTEREY, SAN BENITO, SAN JOAQUIN, SANTA CRUZ, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SPRINKLER FITTER.....	\$ 35.71	20.25

SHEE0104-001 01/01/2017

AREA 1: ALAMEDA, CONTRA COSTA, SAN FRANCISCO, SAN MATEO, SANTA CLARA

AREA 2: MONTEREY & SAN BENITO

AREA 3: SANTA CRUZ

	Rates	Fringes
SHEET METAL WORKER		
AREA 1:		
Mechanical Contracts		
under \$200,000.....	\$ 48.23	36.45
All Other Work.....	\$ 54.58	37.08
AREA 2.....	\$ 34.96	34.21
AREA 3.....	\$ 38.28	33.01

SHEE0104-003 07/01/2016

CALAVERAS AND SAN JOAQUIN COUNTIES:

	Rates	Fringes
SHEET METAL WORKER.....	\$ 38.12	30.50

 SHEE0104-005 07/01/2016

MARIPOSA, MERCED, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
SHEET METAL WORKER (Excluding metal deck and siding).....	\$ 36.88	33.30

 SHEE0104-007 07/01/2016

FRESNO, KINGS, AND MADERA COUNTIES:

	Rates	Fringes
SHEET METAL WORKER.....	\$ 36.15	33.70

 SHEE0104-015 07/01/2016

ALAMEDA, CONTRA COSTA, MONTEREY, SAN BENITO, SAN FRANCISCO, SAN MATEO, SANTA CLARA AND SANTA CRUZ COUNTIES:

	Rates	Fringes
SHEET METAL WORKER (Metal Decking and Siding only).....	\$ 35.64	31.49

 SHEE0104-018 07/01/2016

CALAVERAS, FRESNO, KINGS, MADERA, MARIPOSA, MERCED, SAN JOAQUIN, STANISLAUS AND TUOLUMNE COUNTIES:

	Rates	Fringes
Sheet metal worker (Metal decking and siding only).....	\$ 35.64	31.49

 TEAM0094-001 07/01/2016

	Rates	Fringes
Truck drivers:		
GROUP 1.....	\$ 29.63	26.66
GROUP 2.....	\$ 29.93	26.66
GROUP 3.....	\$ 30.23	26.66
GROUP 4.....	\$ 30.58	26.66
GROUP 5.....	\$ 30.93	26.66

FOOTNOTES:

Articulated dump truck; Bulk cement spreader (with or without auger); Dumpcrete truck; Skid truck (debris box); Dry pre-batch concrete mix trucks; Dumpster or similar type; Slurry truck: Use dump truck yardage rate.
 Heater planer; Asphalt burner; Scarifier burner; Industrial lift truck (mechanical tailgate); Utility and clean-up truck: Use appropriate rate for the power unit or the equipment utilized.

TRUCK DRIVER CLASSIFICATIONS

GROUP 1: Dump trucks, under 6 yds.; Single unit flat rack (2-axle unit); Nipper truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump truck (when flat rack truck is used appropriate flat rack shall apply); Concrete pump machine; Fork lift and lift jitneys; Fuel and/or grease truck driver or fuel person; Snow buggy; Steam cleaning; Bus or personhaul driver; Escort or pilot car driver; Pickup truck; Teamster oiler/greaser and/or serviceperson; Hook tender (including loading and unloading); Team driver; Tool room attendant (refineries)

GROUP 2: Dump trucks, 6 yds. and under 8 yds.; Transit mixers, through 10 yds.; Water trucks, under 7,000 gals.; Jetting trucks, under 7,000 gals.; Single-unit flat rack (3-axle unit); Highbed heavy duty transport; Scissor truck; Rubber-tired muck car (not self-loaded); Rubber-tired truck jumbo; Winch truck and "A" frame drivers; Combination winch truck with hoist; Road oil truck or bootperson; Buggymobile; Ross, Hyster and similar straddle carriers; Small rubber-tired tractor

GROUP 3: Dump trucks, 8 yds. and including 24 yds.; Transit mixers, over 10 yds.; Water trucks, 7,000 gals. and over; Jetting trucks, 7,000 gals. and over; Vacuum trucks under 7500 gals. Trucks towing tilt bed or flat bed pull trailers; Lowbed heavy duty transport; Heavy duty transport tiller person; Self-propelled street sweeper with self-contained refuse bin; Boom truck - hydro-lift or Swedish type extension or retracting crane; P.B. or similar type self-loading truck; Tire repairperson; Combination bootperson and road oiler; Dry distribution truck (A bootperson when employed on such equipment, shall receive the rate specified for the classification of road oil trucks or bootperson); Ammonia nitrate distributor, driver and mixer; Snow Go and/or plow

GROUP 4: Dump trucks, over 25 yds. and under 65 yds.; Water pulls - DW 10's, 20's, 21's and other similar equipment when pulling Aqua/pak or water tank trailers; Helicopter pilots (when transporting men and materials); Lowbedk Heavy Duty Transport up to including 7 axles; DW10's, 20's, 21's and other similar Cat type, Terra Cobra, LeTourneau Pulls, Tournorocker, Euclid and similar type equipment when pulling fuel and/or grease tank trailers or other miscellaneous trailers; Vacuum Trucks 7500 gals and over and truck repairman

GROUP 5: Dump trucks, 65 yds. and over; Holland hauler; Low bed Heavy Duty Transport over 7 axles

 WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that

no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

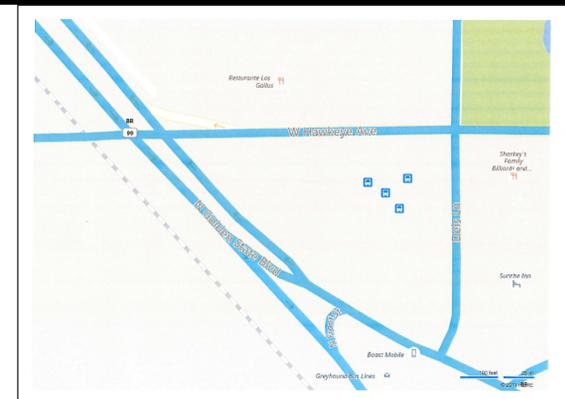
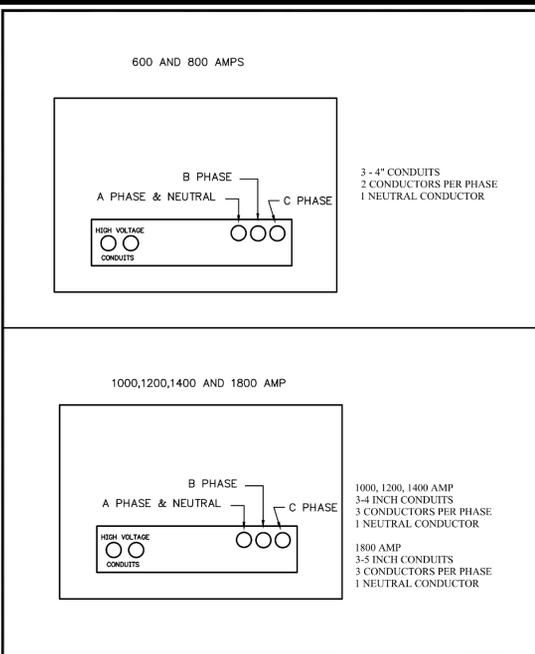
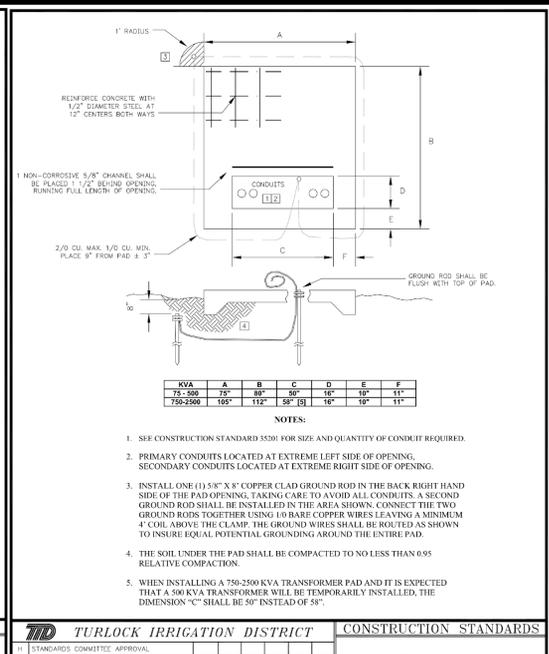
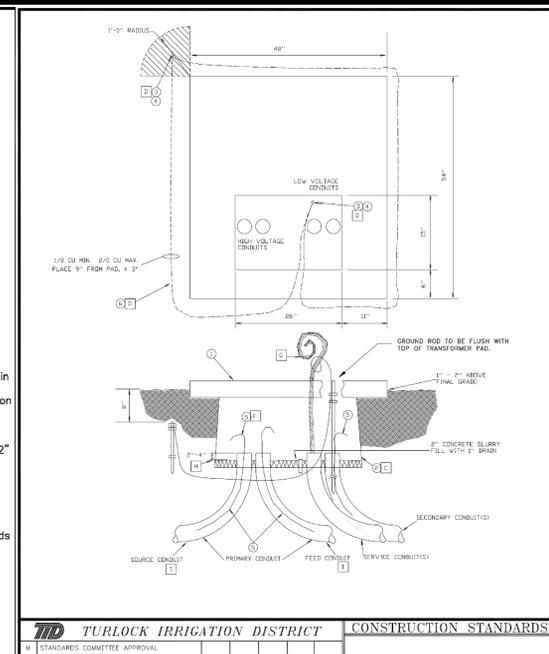
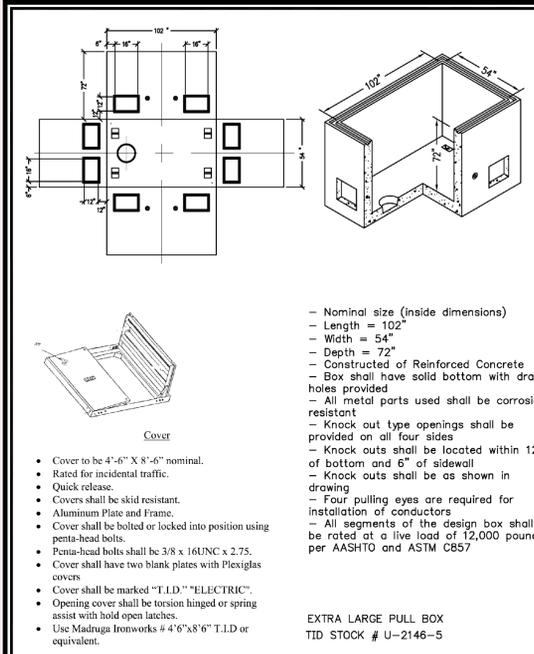
4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

ATTACHMENT D

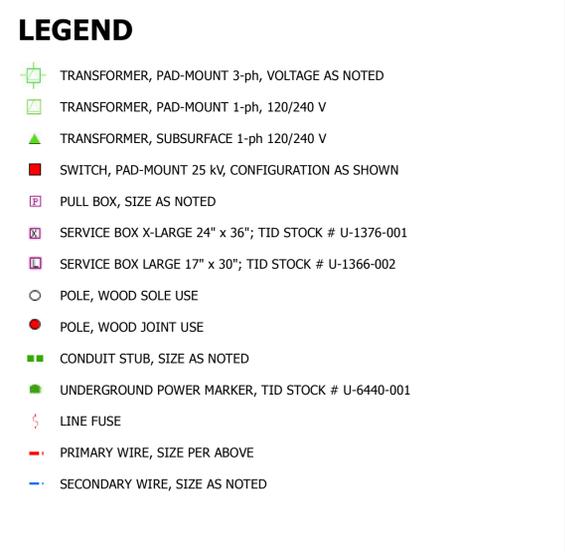
TID DRAWINGS



LOCATION MAP
NOTES - COMMERCIAL

- DEVELOPER**
- DEVELOPER TO PROCURE AND INSTALL ALL TRANSFORMER PADS AND/OR VAULTS, CONDUITS, PULL LINES, SECONDARY BOXES, PULL BOXES, UG POWER MARKERS, SUBSTRUCTURES, SERVICE WIRE (DEVELOPER NOTE 3), TRANSFORMER BARRIERS, TRANSFORMER GROUND RODS AND GROUND WIRE TO TID ELECTRICAL SPECIFICATIONS.
 - SERVICE WIRE OR RUN IS DEFINED AS CONTINUOUS CONDUCTORS BETWEEN CUSTOMER PANEL AND CONNECTION WITH TID SYSTEM.
 - SERVICE WIRE TO BE: (3) 500MCM AL XLP PER PH, (1) 500MCM AL XLP N IN: (3) 4" CONDUITS OR AS REQUIRED AT THE TIME OF CONSTRUCTION PER TID STANDARDS.
 - CLEARANCE OF TRANSFORMERS TO MAIN DOORS, FIRE ESCAPES, GLASS WALLS, WINDOWS, AIR INTAKES, EXHAUSTS, OR OTHER STRUCTURES SHALL BE IN ACCORDANCE WITH THE UNIFORM BUILDING CODE AND ALL OTHER APPLICABLE ORDINANCES AND REGULATIONS. CONSULT TID ELECTRICAL ENGINEERING FOR DETAILS.
 - DEVELOPER TO PAY TID FOR: 1 SERVICE RUNS.
 - PRIMARY AND SECONDARY BOX LIDS SHALL BE PERMANENTLY MARKED "T.I.D." OR "ELECTRIC". PRIMARY PULL BOX LIDS MUST ALSO BE MARKED "HIGH VOLTAGE".
 - REFER TO TID DEVELOPER INFORMATION BOOKLET FOR TID MATERIAL SPECIFICATIONS AND CONSTRUCTION STANDARDS. BOOKLET CAN BE OBTAINED AT TID ELECTRICAL ENGINEERING OFFICE AT: 333 E CANAL DRIVE, TURLOCK.
 - DEVELOPER TO CONTACT UNDERGROUND SERVICE ALERT (USA) AT 1-800-642-2422 PRIOR TO ANY EXCAVATION.
 - DEVELOPER MUST CONTACT TID CONSTRUCTION DEPARTMENT AT 209-606-0136 PRIOR TO ANY EXCAVATIONS NEAR TID ENERGIZED EQUIPMENT.

- TURLOCK IRRIGATION DISTRICT**
- TID TO SUPPLY AND INSTALL PRIMARY WIRE. PRIMARY WIRE TO BE: (3) 1/0 AL IN: (1) 4" CONDUIT BY CUSTOMER
 - TID TO INSTALL: (1) PADMOUNT TRANSFORMER 120/208V, 225 KVA 3-PHASE 4-WIRE



SPECIFICATION PULL BOX

SHEET	2021	I	PAGE
3 OF 3			

MATERIAL STANDARDS

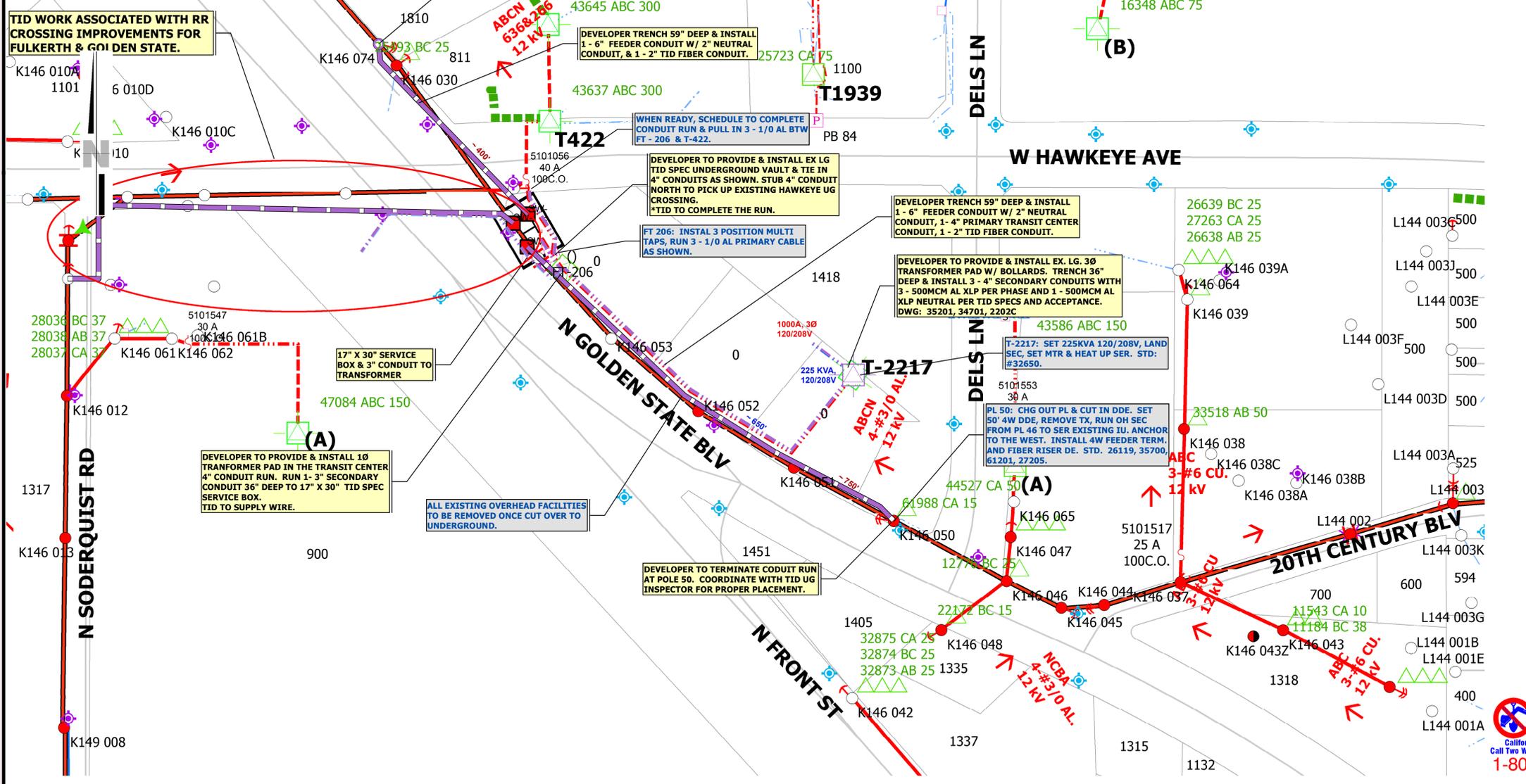
REV	DESCRIPTION	DATE	BY	CHK	APP
1	CHANGED GROUND ROD IN BOX	3-9-98	BL		
2	CHANGED SERVICE BOX UNDER PAD	6-9-98	BL		
3	ADDED SERVICE BOX UNDER PAD	6-9-98	BL		
4	CHANGED GROUNDING CONFIGURATION	6-9-98	BL		

CONSTRUCTION STANDARDS

REV	DESCRIPTION	DATE	BY	CHK	APP
1	STANDARDIZED COMMITTEE APPROVAL				
2	LOWERED GROUND ROD IN PAD	6-9-98	BL		
3	CHANGED GROUNDING CONFIGURATION	6-9-98	BL		
4	REWORK	2-8-99	BL		

CONSTRUCTION STANDARDS

SHEET	34750	B	PAGE
2 OF 5			



REV	DATE	DESCRIPTION	DR	CHK	APP	REV	DATE	DESCRIPTION	DR	CHK	APP
X						X					

REV	DATE	DESCRIPTION	DR	CHK	APP	REV	DATE	DESCRIPTION	DR	CHK	APP
X						X					

REV	DATE	DESCRIPTION	DR	CHK	APP	REV	DATE	DESCRIPTION	DR	CHK	APP
X						X					

ELECTRICAL ENGINEERING AND OPERATIONS

TRANSIT CENTER FC, PHASE 2

USA North Dig Safely
California, Nevada and Hawaii
Call Two Working Days Before You Dig!
1-800-642-2444

1418 N. GOLDEN STATE BLVD.
TURLOCK, CA
WO #700137 JOB #17005182

DWG #: 1

S:	X	SCALE:	NONE
T:	X	SHEET:	1 OF: 1
R:	X	REV DATE:	

ATTACHMENT E

UPDATED CIVIL AND LANDSCAPE DRAWINGS



Modesto Palo Alto Pleasanton
1165 Scenic Drive, Suite B
Modesto, CA 95350

Ph 209.571.1765 odellengineering.com



CITY OF TURLOCK ENGINEERING DIVISION
166 S. BROADWAY, SUITE 150
TURLOCK, CA 95380

TURLOCK REGIONAL
TRANSIT CENTER
PHASE 2

1418 N. GOLDEN STATE BLVD.
TURLOCK, CA 95380
CITY OF TURLOCK
CITY PROJECT# 12-80-C

PROJECT DETAILS

PLN PROJECT NO: 14031
SUBMITTAL DATE: 3/14/17

PROJECT REVISIONS

MARK	DATE	DESCRIPTION
△	8/28/15	CITY COMMENTS
△	3/14/17	BASEIN ADJUSTMENT

SHEET DETAILS

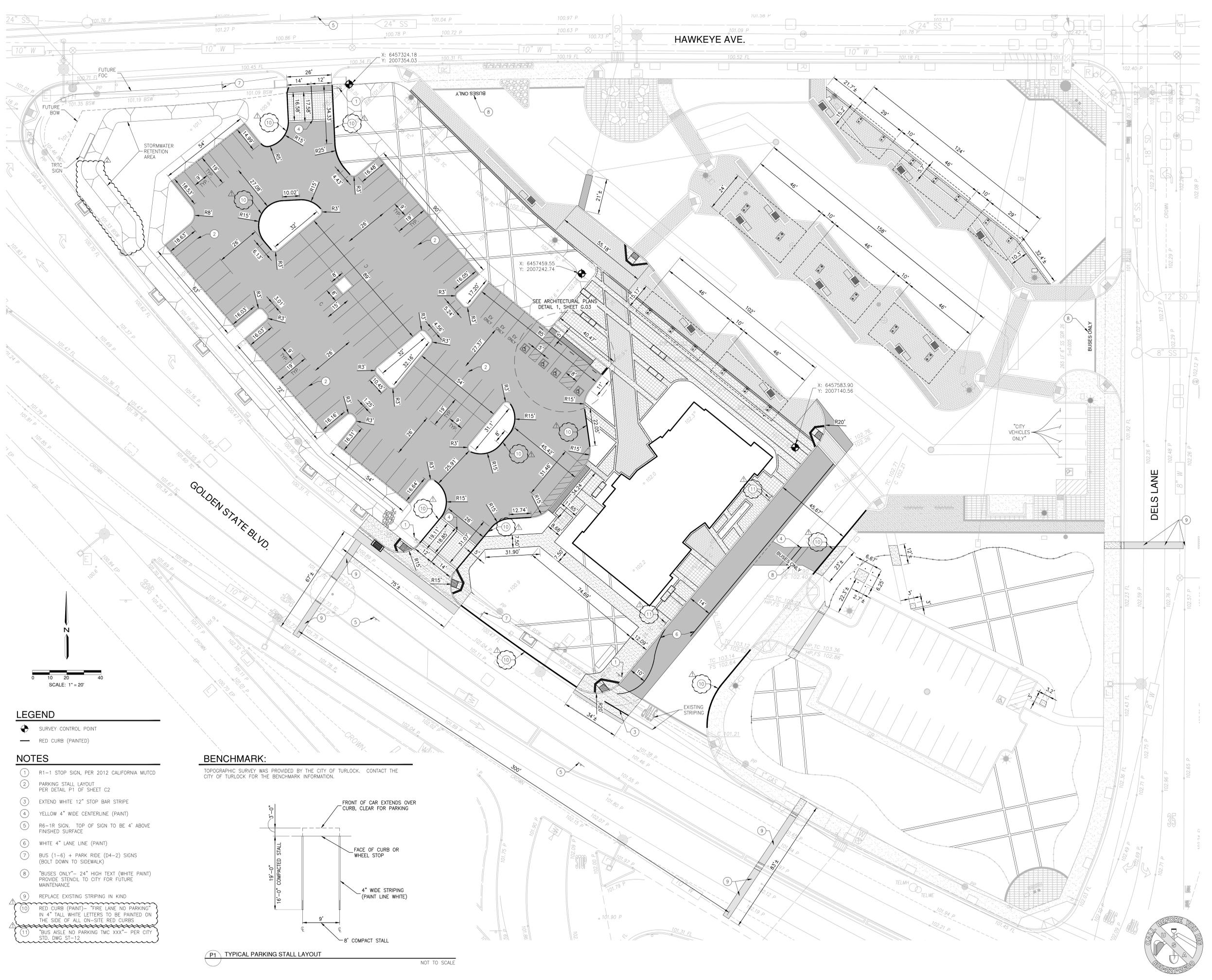
DRAWN BY: EV
CHECKED BY: MP
COPYRIGHT: © PLN ARCHITECTS 2015

SHEET TITLE

HORIZONTAL
CONTROL &
STRIPING PLAN

SHEET NUMBER

C2



LEGEND

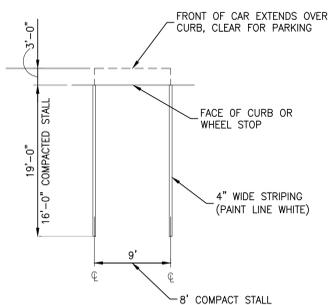
- SURVEY CONTROL POINT
- RED CURB (PAINTED)

NOTES

- 1 R1-1 STOP SIGN, PER 2012 CALIFORNIA MUTCD
- 2 PARKING STALL LAYOUT PER DETAIL P1 OF SHEET C2
- 3 EXTEND WHITE 12" STOP BAR STRIPE
- 4 YELLOW 4" WIDE CENTERLINE (PAINT)
- 5 R6-1R SIGN, TOP OF SIGN TO BE 4" ABOVE FINISHED SURFACE
- 6 WHITE 4" LANE LINE (PAINT)
- 7 BUS (1-6) + PARK RIDE (D4-2) SIGNS (BOLT DOWN TO SIDEWALK)
- 8 "BUSES ONLY"- 24" HIGH TEXT (WHITE PAINT) PROVIDE STENCIL TO CITY FOR FUTURE MAINTENANCE
- 9 REPLACE EXISTING STRIPING IN KIND
- 10 RED CURB (PAINT) "FIRE LANE NO PARKING" IN 4" TALL WHITE LETTERS TO BE PAINTED ON THE SIDE OF ALL ON-SITE RED CURBS
- 11 "BUS AISLE NO PARKING TMC XXX"- PER CITY STD. DMC ST-12

BENCHMARK:

TOPOGRAPHIC SURVEY WAS PROVIDED BY THE CITY OF TURLOCK. CONTACT THE CITY OF TURLOCK FOR THE BENCHMARK INFORMATION.



P1 TYPICAL PARKING STALL LAYOUT

NOT TO SCALE



**TURLOCK REGIONAL
TRANSIT CENTER**
PHASE 2
1418 N. GOLDEN STATE BLVD.
TURLOCK, CA 95380
CITY OF TURLOCK
CITY PROJECT# 12-80 C

PROJECT DETAILS

PLN PROJECT NO:	14031
SUBMITTAL DATE:	3/14/17

PROJECT REVISIONS

MARK	DATE	DESCRIPTION
▲	8/28/15	CITY COMMENTS
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SHEET DETAILS

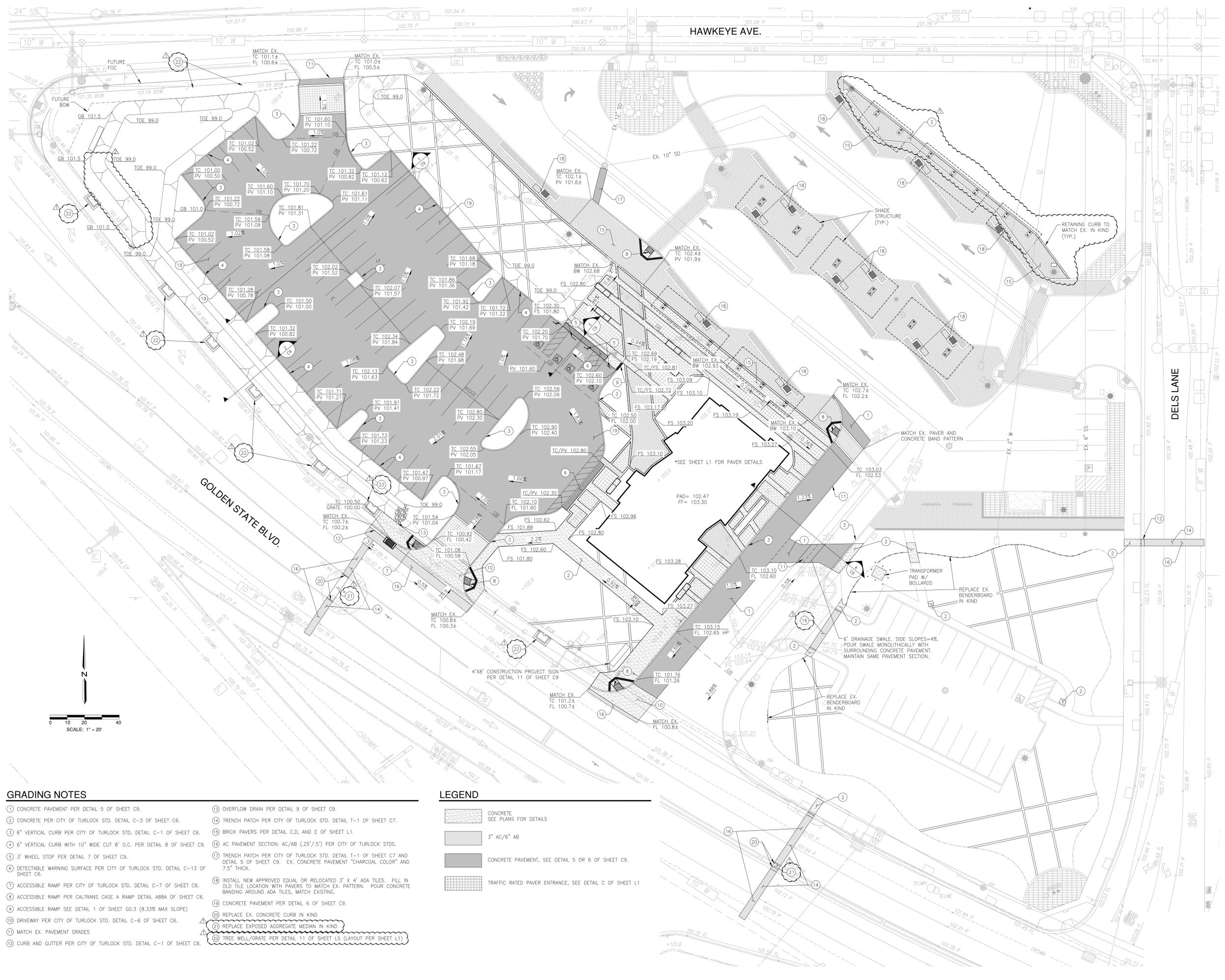
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CHECKED BY:	MP
COPYRIGHT:	© PLN ARCHITECTS 2016

SHEET TITLE

GRADING PLAN

SHEET NUMBER

C4



GRADING NOTES

- ① CONCRETE PAVEMENT PER DETAIL 5 OF SHEET C9.
- ② CONCRETE PER CITY OF TURLOCK STD. DETAIL C-3 OF SHEET C6.
- ③ 6" VERTICAL CURB PER CITY OF TURLOCK STD. DETAIL C-1 OF SHEET C6.
- ④ 6" VERTICAL CURB WITH 10" WIDE CUT 8" O.C. PER DETAIL 8 OF SHEET C9.
- ⑤ 3" WHEEL STOP PER DETAIL 7 OF SHEET C9.
- ⑥ DETECTABLE WARNING SURFACE PER CITY OF TURLOCK STD. DETAIL C-13 OF SHEET C6.
- ⑦ ACCESSIBLE RAMP PER CITY OF TURLOCK STD. DETAIL C-7 OF SHEET C6.
- ⑧ ACCESSIBLE RAMP PER CALTRANS CASE A RAMP DETAIL AB8A OF SHEET C6.
- ⑨ ACCESSIBLE RAMP SEE DETAIL 1 OF SHEET G0.3 (8.33% MAX SLOPE)
- ⑩ DRIVEWAY PER CITY OF TURLOCK STD. DETAIL C-6 OF SHEET C6.
- ⑪ MATCH EX. PAVEMENT GRADES
- ⑫ CURB AND GUTTER PER CITY OF TURLOCK STD. DETAIL C-1 OF SHEET C6.
- ⑬ OVERFLOW DRAIN PER DETAIL 9 OF SHEET C9.
- ⑭ TRENCH PATCH PER CITY OF TURLOCK STD. DETAIL T-1 OF SHEET C7.
- ⑮ BRICK PAVERS PER DETAIL C,D, AND E OF SHEET L1.
- ⑯ AC PAVEMENT SECTION: AC/AB (2.5"/5") PER CITY OF TURLOCK STDS.
- ⑰ TRENCH PATCH PER CITY OF TURLOCK STD. DETAIL T-1 OF SHEET C7 AND DETAIL 5 OF SHEET C9. EX. CONCRETE PAVEMENT "CHARCOAL COLOR" AND 7.5" THICK.
- ⑱ INSTALL NEW APPROVED EQUAL OR RELOCATED 3' X 4' ADA TILES. FILL IN OLD TILE LOCATION WITH PAVERS TO MATCH EX. PATTERN. POUR CONCRETE BANDING AROUND ADA TILES, MATCH EXISTING.
- ⑲ CONCRETE PAVEMENT PER DETAIL 6 OF SHEET C9.
- ⑳ REPLACE EX. CONCRETE CURB IN KIND
- ㉑ REPLACE EXPOSED AGGREGATE MEDIAN IN KIND
- ㉒ TREE WELL/GRATE PER DETAIL 11 OF SHEET L5 (LAYOUT PER SHEET L1)

LEGEND

- CONCRETE SEE PLANS FOR DETAILS
- 3" AC/B AB
- CONCRETE PAVEMENT, SEE DETAIL 5 OR 6 OF SHEET C9.
- TRAFFIC RATED PAVER ENTRANCE, SEE DETAIL C OF SHEET L1





**TURLOCK REGIONAL
TRANSIT CENTER**
PHASE 2
1418 N. GOLDEN STATE BLVD.
TURLOCK, CA 95380
CITY OF TURLOCK
CITY PROJECT# 12-80 C

PROJECT DETAILS

PLN PROJECT NO:	14031
SUBMITTAL DATE:	3/14/17

PROJECT REVISIONS

MARK	DATE	DESCRIPTION
△	8/28/15	CITY COMMENTS
△	3/14/17	BASEIN ADJUSTMENT

SHEET DETAILS

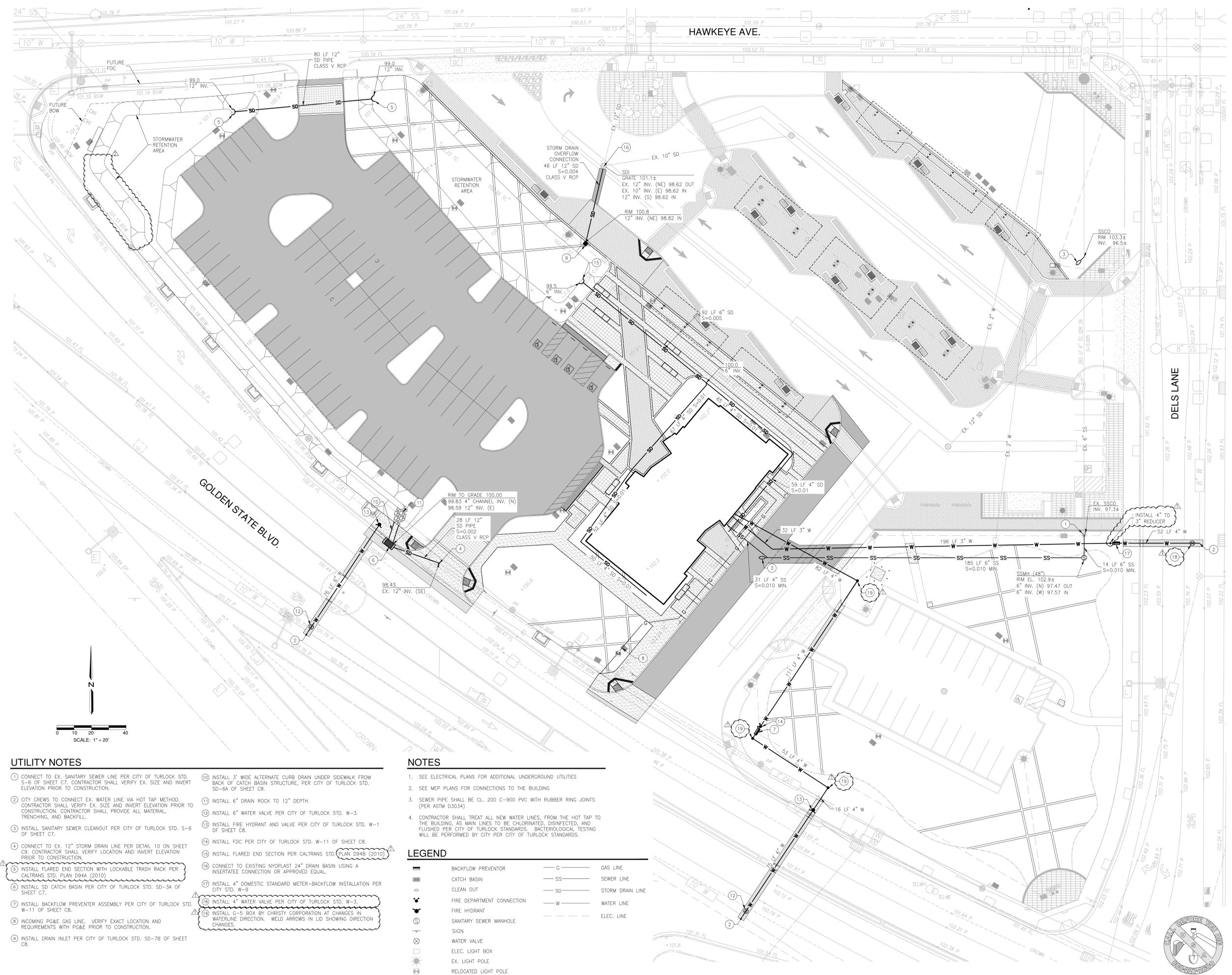
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SHEET TITLE

UTILITY PLAN

SHEET NUMBER

C5



UTILITY NOTES

- CONNECT TO EX. SANITARY SEWER LINE PER CITY OF TURLOCK STD. S-6 OF SHEET C7. CONTRACTOR SHALL VERIFY EX. SIZE AND INVERT ELEVATION PRIOR TO CONSTRUCTION.
- CITY CREWS TO CONNECT EX. WATER LINE VIA HOT TAP METHOD. CONTRACTOR SHALL VERIFY EX. SIZE AND INVERT ELEVATION PRIOR TO CONSTRUCTION. CONTRACTOR SHALL PROVIDE ALL MATERIAL, TRENCHING, AND BACKFILL.
- INSTALL SANITARY SEWER CLEANOUT PER CITY OF TURLOCK STD. S-6 OF SHEET C7.
- CONNECT TO EX. 12" STORM DRAIN LINE PER DETAIL 10 ON SHEET C9. CONTRACTOR SHALL VERIFY LOCATION AND INVERT ELEVATION PRIOR TO CONSTRUCTION.
- INSTALL FLARED END SECTION WITH LOCKABLE TRASH RACK PER CALTRANS STD. PLAN D94A (2010).
- INSTALL SD CATCH BASIN PER CITY OF TURLOCK STD. SD-3A OF SHEET C7.
- INSTALL BACKFLOW PREVENTER ASSEMBLY PER CITY OF TURLOCK STD. W-11 OF SHEET C8.
- INCOMING PG&E GAS LINE. VERIFY EXACT LOCATION AND REQUIREMENTS WITH PG&E PRIOR TO CONSTRUCTION.
- INSTALL DRAIN INLET PER CITY OF TURLOCK STD. SD-7B OF SHEET C8.
- INSTALL 3' WIDE ALTERNATE CURB DRAIN UNDER SIDEWALK FROM BACK OF CATCH BASIN STRUCTURE, PER CITY OF TURLOCK STD. SD-6A OF SHEET C8.
- INSTALL 6" DRAIN ROCK TO 12" DEPTH.
- INSTALL 6" WATER VALVE PER CITY OF TURLOCK STD. W-3.
- INSTALL FIRE HYDRANT AND VALVE PER CITY OF TURLOCK STD. W-1 OF SHEET C8.
- INSTALL FDC PER CITY OF TURLOCK STD. W-11 OF SHEET C8.
- INSTALL FLARED END SECTION PER CALTRANS STD. PLAN D94B (2010).
- CONNECT TO EXISTING NYOPLAST 24" DRAIN BASIN USING AN INSERTATEE CONNECTION OR APPROVED EQUAL.
- INSTALL 4" DOMESTIC STANDARD METER-BACKFLOW INSTALLATION PER CITY STD. W-9.
- INSTALL 4" WATER VALVE PER CITY OF TURLOCK STD. W-3.
- INSTALL G-5 BOX BY CHRISTY CORPORATION AT CHANGES IN WATERLINE DIRECTION. WELD ARROWS IN LID SHOWING DIRECTION CHANGES.

NOTES

- SEE ELECTRICAL PLANS FOR ADDITIONAL UNDERGROUND UTILITIES
- SEE MEP PLANS FOR CONNECTIONS TO THE BUILDING
- SEWER PIPE SHALL BE CL. 200 C-900 PVC WITH RUBBER RING JOINTS (PER ASTM D3034)
- CONTRACTOR SHALL TREAT ALL NEW WATER LINES, FROM THE HOT TAP TO THE BUILDING, AS MAIN LINES TO BE CHLORINATED, DISINFECTED, AND FLUSHED PER CITY OF TURLOCK STANDARDS. BACTERIOLOGICAL TESTING WILL BE PERFORMED BY CITY PER CITY OF TURLOCK STANDARDS.

LEGEND

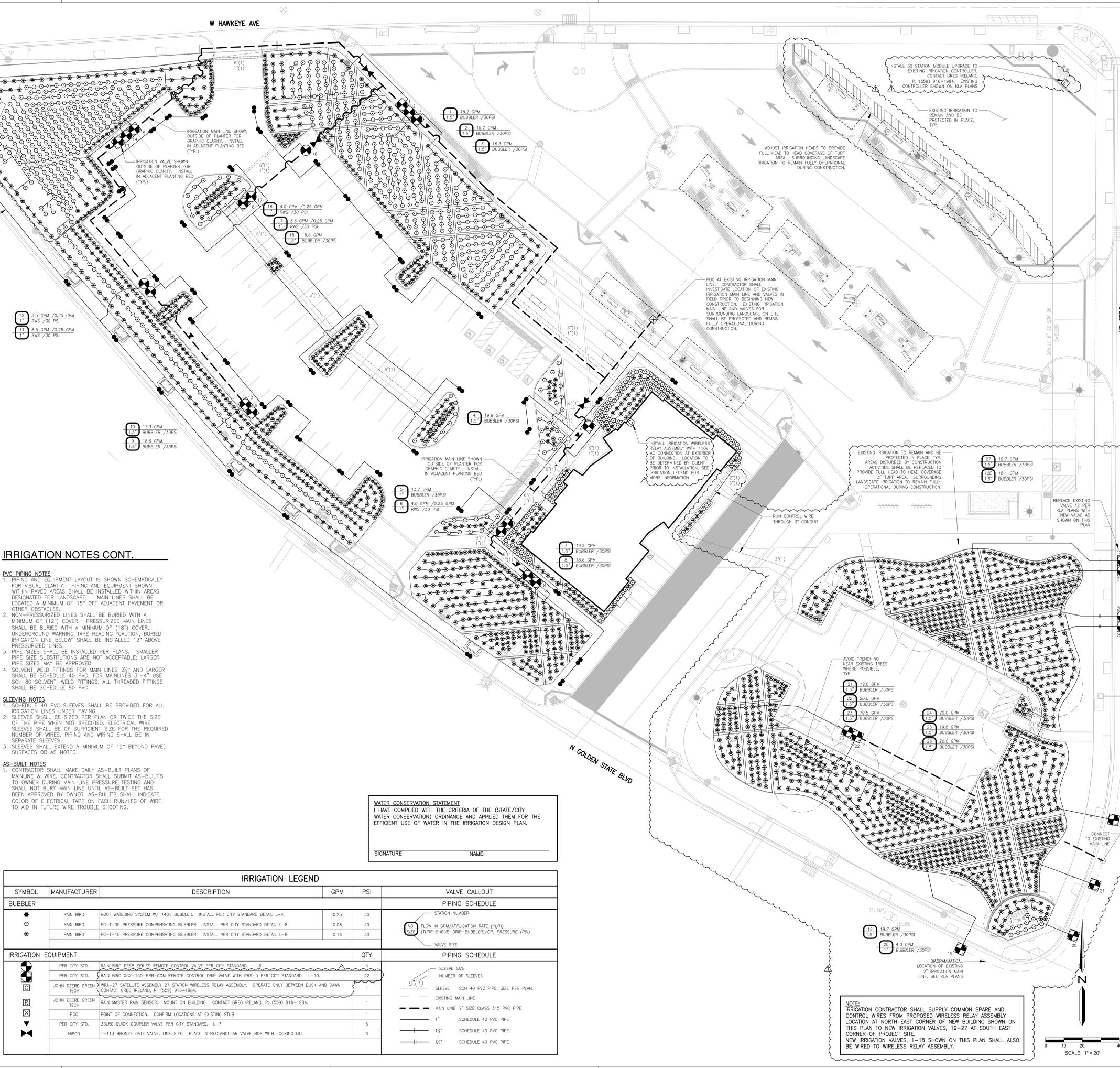
	BACKFLOW PREVENTOR		GAS LINE
	CATCH BASIN		SEWER LINE
	CLEAN OUT		STORM DRAIN LINE
	FIRE DEPARTMENT CONNECTION		WATER LINE
	FIRE HYDRANT		ELEC. LINE
	SANITARY SEWER MANHOLE		
	SIGN		
	WATER VALVE		
	ELEC. LIGHT BOX		
	EX. LIGHT POLE		
	RELOCATED LIGHT POLE		



PLAN PROJECT NO:	14031
SUBMITTAL DATE:	3/4/17

MARK	DATE	DESCRIPTION
▲	8/28/15	CITY COMMENTS
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IRRIGATION NOTES

- GENERAL IRRIGATION NOTES**
- ANY AND ALL PORTIONS OF WORK SHALL BE CONSTRUCTED IN COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS AS SET FORTH BY LOCAL MUNICIPALITIES, STATE AND NATIONAL AGENCIES. IN THE EVENT THERE IS A CONFLICT WITH THESE PLANS AND THE AGENCIES STATED ABOVE, THE GOVERNING BODY'S REGULATIONS SHALL PREVAIL.
 - IRRIGATION SHALL BE INSTALLED CONSISTENT WITH CITY WATER CONSERVATION REQUIREMENTS AND THE STATE WATER EFFICIENT LANDSCAPE ORDINANCE (AB1881).
 - PRIOR TO BIDDING AND COMMENCEMENT OF SITE WORK, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND EXAMINE CONDITIONS OF THE PROJECT SITE, VERIFYING LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES. LOCATIONS OF ITEMS SHOWN ON THESE PLANS ARE ONLY APPROXIMATIONS. ANY DISCREPANCIES DISCOVERED SHALL BE REPORTED TO THE OWNER. FAILURE TO REPORT DISCREPANCIES TO THE OWNER BEFORE COMMENCEMENT OF SITE WORK IMPAIRS ACCEPTANCE OF SITE CONDITIONS AND COSTS ASSOCIATED WITH CORRECTING IRRIGATION LAYOUTS. ANY EXISTING SITE FEATURES, GRADE CHANGES, OR SITE PLAN DESIGN CHANGES NOT SPECIFICALLY ADDRESSED ON THESE PLANS, (OR UNKNOWN CONDITIONS THAT WERE NOT APPARENT DURING THE DESIGN PROCESS) THAT WILL IMPACT INSTALLATION OR OPERATING OF IRRIGATION SYSTEMS IN ANY WAY, SHALL BE REPORTED TO THE OWNER PRIOR TO COMMENCEMENT OF SITE WORK. CONTRACTOR SHALL COORDINATE & SCHEDULE INSTALLATION EFFORTS WITH THOSE OF OTHER TRADES TO AVOID COSTLY DELAYS & ERRORS.
 - CONTRACTOR SHALL INSTALL IRRIGATION EQUIPMENT PER DETAILS AND SPECIFICATIONS. ALL IRRIGATION EQUIPMENT REQUIRED FOR PROJECT COMPLETION BUT NOT DETAILED ON THESE PLANS SHALL BE INSTALLED PER LOCAL AND STATE CODES AND MANUFACTURER'S WRITTEN INSTALLATION RECOMMENDATIONS.
 - CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR SUCCESSFUL COMPLETION OF PROJECT PRIOR TO COMMENCEMENT OF WORK.
 - CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ANY AND ALL PROJECT RELATED ARCHITECTURAL OR ENGINEERING DRAWINGS PRIOR TO COMMENCEMENT OF WORK.
 - THE CONTRACTOR SHALL REPAIR, REPLACE, OR COMPENSATE OWNER FOR ALL ITEMS DAMAGED BY THEIR WORK.
 - THE CONTRACTOR SHALL COORDINATE AND SCHEDULE INSTALLATION EFFORTS WITH THOSE OF OTHER TRADES TO AVOID COSTLY DELAYS AND ERRORS.
 - REQUIRED TESTING:
 - PRESSURE TEST: MAIN LINE SHALL HOLD 120 PSI MIN. FOR 8 HOURS. IF LEAKS OCCUR, REPLACE FAULTY COMPONENTS AND RE-TEST. CONTRACTOR SHALL PROVIDE MAIN LINE WIRE AS-BUILTS TO OWNER PRIOR TO BACKFILLING TRENCH AFTER PRESSURE TEST IS COMPLETE.
 - COVERAGE TEST: COVERAGE TEST SHALL BE PERFORMED PRIOR TO INSTALLATION OF ANY PLANT MATERIAL. IRRIGATION AUDIT SHALL BE PERFORMED AT THIS POINT, BY CERTIFIED IRRIGATION AUDITOR. CONTRACTOR SHALL PROVIDE RESULTS TO OWNER AND MAKE ALL NECESSARY CORRECTIONS PRIOR TO PLANTING. FAILURE TO DO SO SHALL MAKE ALL REQUIRED COSTS ASSOCIATED WITH ADJUSTING IRRIGATION THE CONTRACTOR'S RESPONSIBILITY.
 - POINT OF CONNECTION NOTES
 - CONTRACTOR SHALL INVESTIGATE AND DETERMINE THE POINT OF CONNECTION LOCATION, IF DIFFERENT THAN SHOWN ON THESE PLANS THIS SHALL BE REPORTED TO THE OWNER.
 - THE IRRIGATION SYSTEM AS SHOWN WITHIN THESE PLANS HAS BEEN DESIGNED BASED ON OPERATING PRESSURES OF 30 PSI AND MAXIMUM FLOW DEMANDS OF 20.0 GPM. THE CITY OF TURLOCK REPORTS THAT STATIC WATER PRESSURES AT THE SITE WILL BE IN THE RANGE OF APPROXIMATELY 45 TO 65 PSI. THE CONTRACTOR IS TO PERFORM PRESSURE TESTS AT THE POINT OF CONNECTION TO CONFIRM ACTUAL SITE PRESSURE LEVELS. ANY DISCREPANCIES BETWEEN INFORMATION ON THESE PLANS AND THAT OF EXISTING SITE CONDITIONS OR MANUFACTURER DATA SHALL BE REPORTED TO THE OWNER. FAILURE TO CONFIRM POC INFORMATION RESULTING IN REQUIRED CHANGES, DUE TO LOW PRESSURE OR VOLUME, WILL RESULT IN OWNER DIRECTED REVISIONS AT NO ADDITIONAL COST TO THE OWNER.

IRRIGATION NOTES CONT.

- PVC PIPING NOTES**
- PIPING AND EQUIPMENT LAYOUT IS SHOWN SCHEMATICALLY FOR VISUAL CLARITY. PIPING AND EQUIPMENT SHOWN WITHIN PAVED AREAS SHALL BE INSTALLED WITHIN AREAS DESIGNATED FOR LANDSCAPE. MAIN LINES SHALL BE LOCATED A MINIMUM OF 18" OFF ADJACENT PAVEMENT OR OTHER OBSTACLES.
 - NON-PRESSURIZED LINES SHALL BE BURIED WITH A MINIMUM OF (12") COVER. PRESSURIZED MAIN LINES SHALL BE BURIED WITH A MINIMUM OF (18") COVER. UNDERGROUND WARNING TAPE READING "CAUTION, BURIED IRRIGATION LINE BELOW" SHALL BE INSTALLED 12" ABOVE PRESSURIZED LINES.
 - PIPE SIZES SHALL BE INSTALLED PER PLANS. SMALLER PIPE SIZE SUBSTITUTIONS ARE NOT ACCEPTABLE; LARGER PIPE SIZES MAY BE APPROVED.
 - SOLVENT WELD FITTINGS FOR MAIN LINES 2" AND LARGER SHALL BE SCHEDULE 40 PVC FOR MAIN LINES 1" - 4" USE SCH 80 SOLVENT, WELD FITTINGS. ALL THREADED FITTINGS SHALL BE SCHEDULE 80 PVC.
- SLEEVING NOTES**
- SCHEDULE 40 PVC SLEEVES SHALL BE PROVIDED FOR ALL IRRIGATION LINES UNDER PAVING.
 - SLEEVES SHALL BE SIZED PER PLAN OR TWICE THE SIZE OF THE PIPE WHEN NOT SPECIFIED. ELECTRICAL WIRE SLEEVES SHALL BE OF SUFFICIENT SIZE FOR THE REQUIRED NUMBER OF WIRES. PIPING AND WIRING SHALL BE IN SEPARATE SLEEVES.
 - SLEEVES SHALL EXTEND A MINIMUM OF 12" BEYOND PAVED SURFACES OR AS NOTED.
- AS-BUILT NOTES**
- CONTRACTOR SHALL MAKE DAILY AS-BUILT PLANS OF MAINLINE & WIRE. CONTRACTOR SHALL SUBMIT AS-BUILT'S TO OWNER DURING MAIN LINE PRESSURE TESTING AND SHALL NOT BURY MAIN LINE UNTIL AS-BUILT SET HAS BEEN APPROVED BY OWNER. AS-BUILT'S SHALL INDICATE COLOR OF ELECTRICAL TAPE ON EACH RUN/LEG OF WIRE TO AID IN FUTURE WIRE TROUBLE SHOOTING.

WATER CONSERVATION STATEMENT
I HAVE COMPLIED WITH THE CRITERIA OF THE (STATE/CITY WATER CONSERVATION) ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE IRRIGATION DESIGN PLAN.

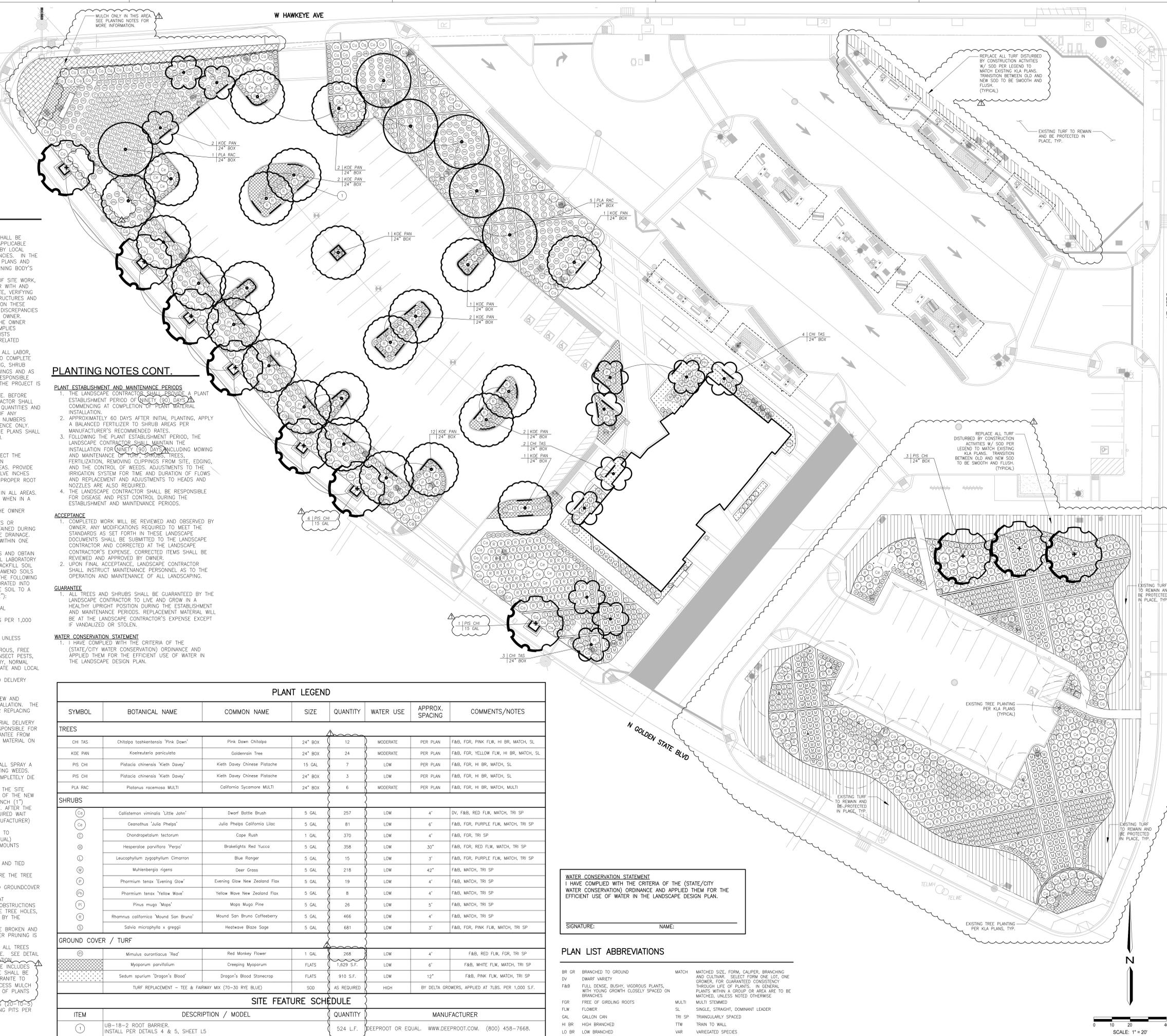
SIGNATURE: _____ NAME: _____

IRRIGATION LEGEND					
SYMBOL	MANUFACTURER	DESCRIPTION	GPM	PSI	VALVE CALLOUT
BUBBLER					
●	RAIN BIRD	ROOT WATERING SYSTEM W/ 1401 BUBBLER. INSTALL PER CITY STANDARD DETAIL L-4.	0.25	30	
○	RAIN BIRD	PC-1-05 PRESSURE COMPENSATING BUBBLER. INSTALL PER CITY STANDARD DETAIL L-8.	0.08	30	
⊙	RAIN BIRD	PC-1-10 PRESSURE COMPENSATING BUBBLER. INSTALL PER CITY STANDARD DETAIL L-8.	0.16	30	
IRRIGATION EQUIPMENT					
□	PER CITY STD.	RAIN BIRD PESB SERIES REMOTE CONTROL VALVE PER CITY STANDARD. L-6		5	
□	PER CITY STD.	RAIN BIRD XZZ-150-PRB-COM REMOTE CONTROL DRP VALVE WITH PRS-D PER CITY STANDARD. L-10.		22	
□	JOHN DEERE GREEN TECH	WRA-27 SATELLITE ASSEMBLY 27 STATION WIRELESS RELAY ASSEMBLY. OPERATE ONLY BETWEEN DUSK AND DAWN. CONTACT GREG IRELAND, P. (559) 916-1984.		1	
□	JOHN DEERE GREEN TECH	RAIN MASTER RAIN SENSOR. MOUNT ON BUILDING. CONTACT GREG IRELAND, P. (559) 916-1984.		1	
□	POC	POINT OF CONNECTION. CONFIRM LOCATIONS AT EXISTING STUB		1	
□	PER CITY STD.	33.9C QUICK COUPLER VALVE PER CITY STANDARD. L-7.		5	
□	NBCO	T-113 BRONZE GATE VALVE. LINE SIZE. PLACE IN RECTANGULAR VALVE BOX WITH LOCKING LID		3	
PIPING SCHEDULE					
---		SLEEVE SIZE			
---		NUMBER OF SLEEVES			
---		SLEEVE SOI 40 PVC PIPE, SIZE PER PLAN.			
---		EXISTING MAIN LINE			
---		MAIN LINE 2" SIZE CLASS 315 PVC PIPE			
---		1" SCHEDULE 40 PVC PIPE			
---		1 1/2" SCHEDULE 40 PVC PIPE			
---		1 1/2" SCHEDULE 40 PVC PIPE			



PROJECT REVISIONS

MARK	DATE	DESCRIPTION
△	8/28/15	CITY COMMENTS
△	3/20/17	BASEIN ADJUSTMENT



PLANTING NOTES

- GENERAL PLANTING NOTES**
1. ANY AND ALL PORTIONS OF THIS WORK SHALL BE CONSTRUCTED IN COMPLIANCE WITH ALL APPLICABLE RULES AND REGULATIONS AS SET FORTH BY LOCAL MUNICIPALITIES, STATE AND NATIONAL AGENCIES. IN THE EVENT THERE IS A CONFLICT WITH THESE PLANS AND THE AGENCIES STATED ABOVE, THE GOVERNING BODY'S REGULATIONS SHALL PREVAIL.
 2. PRIOR TO BIDDING AND COMMENCEMENT OF SITE WORK, THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND EXAMINE CONDITIONS OF THE PROJECT SITE, VERIFYING LOCATIONS OF ALL EXISTING UTILITIES, STRUCTURES AND SERVICES. LOCATIONS OF ITEMS SHOWN ON THESE PLANS ARE ONLY APPROXIMATIONS. ANY DISCREPANCIES DISCOVERED SHALL BE REPORTED TO THE OWNER. FAILURE TO REPORT DISCREPANCIES TO THE OWNER BEFORE COMMENCEMENT OF SITE WORK IMPLIES ACCEPTANCE OF SITE CONDITIONS AND COSTS ASSOCIATED WITH CORRECTING PLANTING RELATED INSTALLATIONS.
 3. CONTRACTOR TO PURCHASE AND PROVIDE ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY TO COMPLETE THE LANDSCAPE WORK (I.E. TREE PLANTING, SHRUB PLANTING, ETC.) AS SHOWN ON THE DRAWINGS AND AS SPECIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THESE ITEMS UNTIL THE PROJECT IS COMPLETED.
 4. ALL SCALED DIMENSIONS ARE APPROXIMATE. BEFORE PROCEEDING WITH ANY WORK, THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND QUANTITIES AND SHALL IMMEDIATELY INFORM THE OWNER OF ANY DISCREPANCY BETWEEN THE INFORMATION. NUMBERS PROVIDED ON THIS PLAN ARE FOR REFERENCE ONLY. THE NUMBER OF SYMBOLS SHOWN ON THE PLANS SHALL HAVE PRIORITY OVER THE NUMBERS GIVEN.

- SOIL PREPARATION**
1. THE LANDSCAPE CONTRACTOR SHALL INSPECT THE PLANTER AREAS FOR EXTREME COMPACTION PARTICULARLY AROUND CONSTRUCTION AREAS. PROVIDE MEANS FOR RIPPING TO A DEPTH OF TWELVE INCHES (12") ALL COMPACTED AREAS TO INSURE PROPER ROOT GROWTH OF NEW PLANTINGS.
 2. CULTIVATE TOP SIX INCHES (6") OF SOIL IN ALL AREAS.
 3. NO SOIL SHALL BE HANDLED OR WORKED WHEN IN A MUDDY CONDITION.
 4. FINISH GRADE SHALL BE APPROVED BY THE OWNER BEFORE ANY PLANTING BEGINS.
 5. AN EVEN FINISHED GRADE WITH NO RIDGES OR DEPRESSIONS SHALL BE CAREFULLY MAINTAINED DURING OPERATIONS TO ENSURE PROPER SURFACE DRAINAGE.
 6. LAWN AREAS SHALL BE FINE GRADED TO WITHIN ONE (1") BELOW ADJACENT SURFACES.
 7. CONTRACTOR TO PERFORM SOILS ANALYSIS AND OBTAIN AMENDMENT RECOMMENDATIONS FROM SOIL LABORATORY PRIOR TO BEGINNING WORK AND AFTER BACKFILL SOIL HAS BEEN PLACED. CONTRACTOR SHALL AMEND SOILS PER MOST RECENT RECOMMENDATIONS. THE FOLLOWING MINIMUM AMENDMENTS SHALL BE INCORPORATED INTO ALL PLANTED AREAS AS TILLED INTO THE SOIL TO A DEPTH OF SIX TO TWELVE INCHES (6"-12"):

- RECOMMENDED FERTILIZER AND ELEMENTAL AMENDMENTS AT 3 CUBIC YARDS PER 1,000 SF.
- ORGANIC AMENDMENT AT 3 CUBIC YARDS PER 1,000 SF.

- PLANT MATERIAL**
1. SUBSTITUTIONS SHALL NOT BE PERMITTED UNLESS APPROVED BY THE OWNER.
 2. PLANTS SHALL BE SOUND, HEALTHY, VIGOROUS, FREE FROM NOXIOUS WEEDS, PLANT DISEASE, INSECT PESTS, OR THEIR EGGS, AND SHALL HAVE HEALTHY, NORMAL ROOT SYSTEMS AND COMPLY WITH ALL STATE AND LOCAL REGULATIONS.
 3. PLANTS SHALL NOT BE PRUNED PRIOR TO DELIVERY EXCEPT AS AUTHORIZED BY THE OWNER'S REPRESENTATIVE. DO NOT "TOP" TREES.
 4. ALL PLANT MATERIAL IS SUBJECT TO REVIEW AND APPROVAL BY THE OWNER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY REJECTED MATERIAL.
 5. CONTRACTOR SHALL PROVIDE PLANT MATERIAL DELIVERY TO JOB SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR STORAGE, CARE, INSTALLATION, AND GUARANTEE FROM TIME OF DELIVERY. DO NOT STORE PLANT MATERIAL ON CONCRETE OR ASPHALT SURFACES.

- WEED CONTROL**
1. PRIOR TO PLANTING THE CONTRACTOR SHALL SPRAY A POST EMERGENT HERBICIDE TO KILL EXISTING WEEDS. ALLOW ONE (1) WEEK FOR WEEDS TO COMPLETELY DIE AND REMOVE FROM SITE.
 2. FOLLOWING REMOVAL OF WEEDS, IRRIGATE THE SITE KEEPING SOIL MOIST UNTIL GERMINATION OF THE NEW CROP OF WEEDS IS A MINIMUM OF ONE INCH (1") TALL. REPEAT THE HERBICIDE TREATMENT AFTER THE SECOND TREATMENT AND AFTER THE REQUIRED WAIT PERIOD (AS SPECIFIED BY HERBICIDE MANUFACTURER) PLANTING MAY BE PERFORMED.
 3. AFTER PLANTING SHRUB BEDS AND PRIOR TO TOPDRESSING, APPLY RONSTAR-G (OR EQUAL) PRE-EMERGENT WEED CONTROL IN THE AMOUNTS SPECIFIED BY THE MANUFACTURER.

- PLANTING OPERATIONS**
1. ALL PLANTS SHALL BE PLANTED, STAKED, AND TIED ACCORDING TO THESE PLANS.
 2. STAKE TREES AT THE LOWEST POINT WHERE THE TREE CAN SUPPORT ITSELF.
 3. THOROUGHLY WATER TREES, SHRUBS, AND GROUNDCOVER IMMEDIATELY AFTER PLANTING.
 4. RELOCATION OF TREES, IN THE EVENT THAT UNDERGROUND CONSTRUCTION WORK OR OBSTRUCTIONS ARE ENCOUNTERED IN EXCAVATION OF THE TREE HOLES, ALTERNATE LOCATIONS WILL BE SELECTED BY THE OWNER.
 5. ALL TREES SHALL BE PRUNED TO REMOVE BROKEN AND DAMAGED LIMBS AND BRANCHES. NO OTHER PRUNING IS APPROVED.
 6. ROOT BARRIERS SHALL BE REQUIRED FOR ALL TREES PLANTED WITHIN 10' OF A PAVED SURFACE. SEE DETAIL 4 & 5 ON SHEET 5 FOR MORE INFORMATION.
 7. TOPDRESSING OF DECOMPOSED GRANITE INCLUDES REUSE OF ON-SITE DECOMPOSED GRANITE. GRANITE SHALL BE INSTALLED PER DETAILS. DECOMPOSED GRANITE TO MATCH EXISTING "GOLD PATH". WASH EXCESS MULCH OFF LEAVES AND DO NOT ENGULF STEMS OF PLANTS AND GROUNDCOVER.
 8. FERTILIZER TABLETS SHALL BE BEST-PARK (20-10-5) PLANTER PACKETS PLACED IN ALL PLANTING PITS PER DETAILS.

PLANTING NOTES CONT.

- PLANT ESTABLISHMENT AND MAINTENANCE PERIODS**
1. THE LANDSCAPE CONTRACTOR SHALL PROVIDE A PLANT ESTABLISHMENT PERIOD OF NINETY (90) DAYS COMMENCING AT COMPLETION OF PLANT MATERIAL INSTALLATION.
 2. APPROXIMATELY 60 DAYS AFTER INITIAL PLANTING, APPLY A BALANCED FERTILIZER TO SHRUB AREAS PER MANUFACTURER'S RECOMMENDED RATES.
 3. FOLLOWING THE PLANT ESTABLISHMENT PERIOD, THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE INSTALLATION FOR ONE (1) YEAR INCLUDING MOWING AND MAINTENANCE OF TURF, SHRUBS, TREES, FERTILIZATION, REMOVING CLIPPINGS FROM SITE, EDGING, AND THE CONTROL OF WEEDS. ADJUSTMENTS TO THE IRRIGATION SYSTEM FOR TIME AND DURATION OF FLOWS AND REPLACEMENT AND ADJUSTMENTS TO HEADS AND NOZZLES ARE ALSO REQUIRED.
 4. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR DISEASE AND PEST CONTROL DURING THE ESTABLISHMENT AND MAINTENANCE PERIODS.

- ACCEPTANCE**
1. COMPLETED WORK WILL BE REVIEWED AND OBSERVED BY OWNER. ANY MODIFICATIONS REQUIRED TO MEET THE STANDARDS AS SET FORTH IN THESE LANDSCAPE DOCUMENTS SHALL BE SUBMITTED TO THE LANDSCAPE CONTRACTOR AND CORRECTED AT THE LANDSCAPE CONTRACTOR'S EXPENSE. CORRECTED ITEMS SHALL BE REVIEWED AND APPROVED BY OWNER.
 2. UPON FINAL ACCEPTANCE, LANDSCAPE CONTRACTOR SHALL INSTRUCT MAINTENANCE PERSONNEL AS TO THE OPERATION AND MAINTENANCE OF ALL LANDSCAPING.

- GUARANTEE**
1. ALL TREES AND SHRUBS SHALL BE GUARANTEED BY THE LANDSCAPE CONTRACTOR TO LIVE AND GROW IN A HEALTHY UPRIGHT POSITION DURING THE ESTABLISHMENT AND MAINTENANCE PERIODS. REPLACEMENT MATERIAL WILL BE AT THE LANDSCAPE CONTRACTOR'S EXPENSE EXCEPT IF VANDALIZED OR STOLEN.

- WATER CONSERVATION STATEMENT**
1. I HAVE COMPLIED WITH THE CRITERIA OF THE (STATE/CITY WATER CONSERVATION) ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

PLANT LEGEND							
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	WATER USE	APPROX. SPACING	COMMENTS/NOTES
TREES							
CHI TAS	Chitalpa tashkentensis 'Pink Dawn'	Pink Dawn Chitalpa	24" BOX	12	MODERATE	PER PLAN	F&B, FGR, PINK FLW, HI BR, MATCH, SL
KOE PAN	Koeleruteria paniculata	Goldenrain Tree	24" BOX	24	MODERATE	PER PLAN	F&B, FGR, YELLOW FLW, HI BR, MATCH, SL
PIS CHI	Platanus chinensis 'Kieth Davey'	Kieth Davey Chinese Platanus	15 GAL	7	LOW	PER PLAN	F&B, FGR, HI BR, MATCH, SL
PIS CHI	Platanus chinensis 'Kieth Davey'	Kieth Davey Chinese Platanus	24" BOX	3	LOW	PER PLAN	F&B, FGR, HI BR, MATCH, SL
PLA RAC	Platanus racemosa MULTI	California Sycamore MULTI	24" BOX	6	MODERATE	PER PLAN	F&B, FGR, HI BR, MATCH, MULTI
SHRUBS							
CO	Callistemon viminalis 'Little John'	Dwarf Bottle Brush	5 GAL	257	LOW	4"	DV, F&B, RED FLW, MATCH, TRI SP
CA	Ceanothus 'Julia Phelps'	Julia Phelps California Lilac	5 GAL	81	LOW	6"	F&B, FGR, PURPLE FLW, MATCH, TRI SP
CO	Chondropetalum tectorum	Cape Rush	1 GAL	370	LOW	4"	F&B, FGR, TRI SP
CO	Hesperaloe parviflora 'Perpa'	Brakeights Red Yucca	5 GAL	358	LOW	30"	F&B, FGR, RED FLW, MATCH, TRI SP
CO	Leucophyllum zygophyllum 'Cimarron'	Blue Ranger	5 GAL	15	LOW	3"	F&B, FGR, PURPLE FLW, MATCH, TRI SP
M	Muhlenbergia rigens	Deer Grass	5 GAL	218	LOW	42"	F&B, MATCH, TRI SP
P	Phormium tenax 'Evening Glow'	Evening Glow New Zealand Flax	5 GAL	19	LOW	4"	F&B, MATCH, TRI SP
PS	Phormium tenax 'Yellow Wave'	Yellow Wave New Zealand Flax	5 GAL	8	LOW	4"	F&B, MATCH, TRI SP
P	Pinus mugo 'Mops'	Mops Mugo Pine	5 GAL	26	LOW	5"	F&B, MATCH, TRI SP
R	Rhamnus californica 'Mound San Bruno'	Mound San Bruno Coffeeberry	5 GAL	466	LOW	4"	F&B, MATCH, TRI SP
S	Salvia microphylla x greggii	Heatwave Blaze Sage	5 GAL	681	LOW	3"	F&B, FGR, PINK FLW, MATCH, TRI SP
GROUND COVER / TURF							
CO	Mimulus aurantiacus 'Red'	Red Monkey Flower	1 GAL	268	LOW	4"	F&B, RED FLW, FGR, TRI SP
CO	Myoporum parvifolium	Creeping Myoporum	FLATS	1,629 S.F.	LOW	6"	F&B, WHITE FLW, MATCH, TRI SP
CO	Sedum spurium 'Dragon's Blood'	Dragon's Blood Stonecrop	FLATS	910 S.F.	LOW	12"	F&B, PINK FLW, MATCH, TRI SP
CO	TURF REPLACEMENT - TEE & FAIRWAY MIX (70-30 RYE BLUE)		SOD	AS REQUIRED	HIGH		BY DELTA GROWERS, APPLIED AT 70LBS PER 1,000 S.F.
SITE FEATURE SCHEDULE							
ITEM	DESCRIPTION / MODEL	QUANTITY	MANUFACTURER				
1	UB-18-2 ROOT BARRIER, INSTALL PER DETAILS 4 & 5, SHEET L5	524 L.F.	DEEPROOT OR EQUAL. WWW.DEEPROOT.COM. (800) 458-7668.				

WATER CONSERVATION STATEMENT
I HAVE COMPLIED WITH THE CRITERIA OF THE (STATE/CITY WATER CONSERVATION) ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN.

SIGNATURE: _____ NAME: _____

PLAN LIST ABBREVIATIONS

BR GR	BROWN GRASS TO GROUND	MATCH	MATCHED SIZE, FORM, CALIPER, BRANCHING AND CULTIVAR. SELECT FORM ONE LOT, ONE GROWER FOR GUARANTEED CONSISTENCY THROUGHOUT LIFE OF PLANTS. IN GENERAL PLANTS WITHIN A GROUP OR AREA ARE TO BE MATCHED, UNLESS NOTED OTHERWISE.
DV	DWARF VARIETY		
F&B	FULL DENSE, BUSHY, VIGOROUS PLANTS, WITH YOUNG GROWTH CLOSELY SPACED ON BRANCHES.		
FGR	FREE OF GIRDLING ROOTS	MULTI	MULTI STEMMED
FL	FLOWER	SL	SINGLE, STRAIGHT, DOMINANT LEADER
GAL	GALLON CAN	TRI SP	TRIANGULARLY SPACED
HI BR	HIGH BRANCHED	TTW	TRAIN TO WALL
LO BR	LOW BRANCHED	VAR	VARIATED SPECIES