

# RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE

BID SET \_\_\_\_\_

NO.	REVISIONS:	APPROVED DATE
1.		
2.		

Engineering  
Management  
Planning  
Surveying

201 E. Hobsonway  
Blythe, CA 92225  
Phone: (760) 922-4658  
Fax: (760) 922-4680

1801 North Imperial Ave.  
El Centro, CA 92243  
Phone: (760) 337-3883  
Fax: (760) 337-5907

## ROAD CONSTRUCTION GENERAL NOTES

### GENERAL

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF BLYTHE UNLESS STATED OTHERWISE. ALL STANDARD DETAILS AND SPECIFICATIONS ARE AVAILABLE AT THE PUBLIC WORKS OFFICE, 440 SOUTH MAIN STREET, BLYTHE, CALIFORNIA. IN ADDITION, ALL WORK SHALL CONFORM TO THE "CALTRANS STANDARD SPECIFICATIONS" (LATEST EDITION).
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A "TRAFFIC CONTROL AND WORKER PROTECTION PLAN", PREPARED IN ACCORDANCE WITH CALTRANS DIVISION OF MAINTENANCE-CHAPTER 8 (PROTECTION OF WORKERS), WHEN WORKING IN A DEDICATED RIGHT-OF-WAY (RW). THE PLAN SHALL BE SUBMITTED TO AND BE APPROVED BY THE CITY OF BLYTHE DEPARTMENT OF PUBLIC WORKS SEVEN (7) DAYS PRIOR TO ANY WORK IN THE RW. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR WORKER AND PUBLIC SAFETY. ALL TRAFFIC CONTROL AND SAFETY DEVICES MUST BE ON-SITE, INSPECTED AND APPROVED PRIOR TO THE COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL KEEP ALL CONTROL AND SAFETY DEVICES IN PROPER POSITION AND WORKING ORDER AT ALL TIMES. IF AT ANY TIME THE CITY REPRESENTATIVE DETERMINES THAT THE "TRAFFIC CONTROL AND WORKER PROTECTION PLAN" AND THE CONTROL MEASURES AND SAFETY DEVICES DO NOT ADEQUATELY PROTECT THE WORKERS AND INSURE THE PUBLIC SAFETY, ALL WORK SHALL IMMEDIATELY CEASE AND SHALL NOT RESUME UNTIL THE DEFICIENCIES HAVE BEEN CORRECTED.
- THE CONTRACTOR SHALL COMPLETE ALL WORK IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE GEOTECHNICAL ENGINEERING REPORT PREPARED FOR THIS PROJECT BY MTGL (PROJECT NO: 3564-A03, LOG NO: 15-1808, DATED AUGUST 12, 2015).
- THE SITE SHALL BE WET DOWN AS NECESSARY DURING CONSTRUCTION TO ELIMINATE DUST GENERATION.
- ANY DIRT, DUST, OR MUD, EITHER TRACKED OFF SITE BY EQUIPMENT OR BLOWN INTO ADJACENT CITY STREETS WILL BE CLEANED UP DAILY BY THE RESPONSIBLE CONTRACTOR.
- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- ALL GRADING SHALL COMPLY WITH CHAPTER 70 OF THE UNIFORM BUILDING CODE, LATEST EDITION.
- THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITH THE CITY OF BLYTHE WITH A MINIMUM OF 24 HOURS ADVANCE NOTICE. WHEN THE CONTRACTOR IS NOT PRESENT AT THE INSPECTION APPOINTMENT SITE AND/OR THE WORK IS NOT READY FOR INSPECTION WITHIN FIFTEEN (15) MINUTES OF THE APPOINTED TIME, A RE-INSPECTION APPOINTMENT SHALL BE SCHEDULED. THE CONTRACTOR/DEVELOPER MAY BE ASSESSED AN AMOUNT EQUAL TO THE INSPECTOR'S COST TO THE CITY FOR ONE PAYROLL HOUR FOR EACH REINSPECTION.
- ALL SITE GRADING SHALL BE FINISHED TO THE ELEVATIONS, LINES AND GRADES SHOWN ON THE PLANS. ALL FINISHED GRADES SHALL BE WITHIN 0.10 FOOT OF PLAN GRADE.
- A MINIMUM OF SIX COMPACTION TESTS PER BLOCK OF STREET SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE AT THE DISCRETION OF THE CITY FOR EACH OF THE FOLLOWING: EACH OF THE UTILITY TRENCHES INSTALLED, SUBGRADE, SUBBASE, BASE AND FINISHED A.C.
- DURING GRADING OPERATIONS THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING EQUIPMENT THAT WILL NOT CAUSE "PUMPING" OF THE SOIL DUE TO THE DEPTH OF GROUNDWATER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE LICENSED BY THE STATE OF CALIFORNIA, HAVE A CITY BUSINESS LICENSE AND FILE A CERTIFICATE OF WORKMENS COMPENSATION WITH THE CITY OF BLYTHE PRIOR TO THE START OF CONSTRUCTION.
- A LIST OF ALL SUBCONTRACTORS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE CITY BUILDING DEPARTMENT. ALL SUBCONTRACTORS SHALL BE LICENSED BY THE STATE OF CALIFORNIA, HAVE A CITY BUSINESS LICENSE AND SHALL FILE A CERTIFICATE OF WORKMENS COMPENSATION WITH THE CITY OF BLYTHE PRIOR TO THE START OF CONSTRUCTION.
- ANY STREET CLOSURES TO BE DONE DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE RESPONSIBLE CONTRACTOR, IN COORDINATION WITH AND WITH THE APPROVAL OF THE BLYTHE PUBLIC WORKS DEPARTMENT. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES. (SCHOOL, POLICE, FIRE, PVID, ETC.)
- NO OPEN TRENCHES WILL BE PERMITTED OVERNIGHT WITHOUT THE DIRECTOR OF PUBLIC WORKS OR HIS AGENTS APPROVAL.
- PLANNED WATER OUTAGES SHALL BE COORDINATED WITH THE BLYTHE PUBLIC WORKS DEPARTMENT ONE-WEEK PRIOR TO SHUT DOWN.
- THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF PLANS AT THE JOB SITE. THESE PLANS MUST BE KEPT IN GOOD CONDITION, REFLECT ALL CHANGES TO THE PROJECT FROM THE APPROVED PLANS IN RED INK AND BE UPDATED DAILY. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL FURNISH THE CITY WITH ONE COMPLETE SET OF THE "AS-BUILT" PLANS.
- A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE PUBLIC WORKS DIRECTOR AND HIS ASSOCIATES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- STOP SIGNS AND ALL OTHER TRAFFIC SIGNS SHALL BE MOVED IF NECESSARY DURING THE CONSTRUCTION PROCESS AND BE REPOSITIONED TEMPORARILY IN A LOCATION DETERMINED BY THE PUBLIC WORKS DIRECTOR. STOP SIGNS SHALL NOT BE REMOVED FROM SERVICE, BUT RATHER RELOCATED TO A VISIBLE LOCATION. OTHER SIGNS LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE STORED BY THE CONTRACTOR DURING THE CONSTRUCTION PHASE OF THE PROJECT. AT THE CONCLUSION OF THE PROJECT, ALL SIGNS SHALL BE POSITIONED IN A PERMANENT LOCATION AS DETERMINED BY THE PUBLIC WORKS DIRECTOR.

### STREET CONSTRUCTION

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF BLYTHE; ALL STANDARD DETAILS AND SPECIFICATIONS ARE AVAILABLE AT THE PUBLIC WORKS OFFICE, 440 SOUTH MAIN STREET, BLYTHE, CALIFORNIA. IN ADDITION, WORK SHALL CONFORM TO CALTRANS STANDARD SPECIFICATIONS (LATEST EDITION).
- THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY OF BLYTHE AND THE HOLT GROUP HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- THE CONTRACTOR SHALL PROVIDE A "TRAFFIC CONTROL AND WORKER PROTECTION PLAN", PREPARED IN ACCORDANCE WITH CALTRANS DIVISION OF MAINTENANCE-CHAPTER 8 (PROTECTION OF WORKERS), WHEN WORKING IN A DEDICATED RIGHT-OF-WAY (RW). THE PLAN SHALL BE SUBMITTED TO AND BE APPROVED BY THE CITY OF BLYTHE DEPARTMENT OF PUBLIC WORKS SEVEN (7) DAYS PRIOR TO ANY WORK IN THE RW. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR WORKER AND PUBLIC SAFETY. ALL TRAFFIC CONTROL AND SAFETY DEVICES MUST BE ON-SITE, INSPECTED AND APPROVED PRIOR TO THE COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL KEEP ALL CONTROL AND SAFETY DEVICES IN PROPER POSITION AND WORKING ORDER AT ALL TIMES. IF AT ANY TIME THE CITY REPRESENTATIVE DETERMINES THAT THE "TRAFFIC CONTROL AND WORKER PROTECTION PLAN" AND THE CONTROL MEASURES AND SAFETY DEVICES DO NOT ADEQUATELY PROTECT THE WORKERS AND INSURE THE PUBLIC SAFETY, ALL WORK SHALL IMMEDIATELY CEASE AND SHALL NOT RESUME UNTIL THE DEFICIENCIES HAVE BEEN CORRECTED.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- THE FLOWLINE OF ALL CURB, GUTTER AND RIBBON GUTTER SHALL BE WATER TESTED BEFORE ACCEPTANCE OF THE PROJECT. CURB EXTRUDING MACHINES MAY BE ALLOWED IN ACCORDANCE WITH CALTRANS STANDARD SPECIFICATIONS SECTION 72-1.08.B.
- THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITH THE CITY OF BLYTHE WITH A MINIMUM OF 24 HOURS ADVANCE NOTICE. WHEN THE CONTRACTOR IS NOT PRESENT AT THE INSPECTION APPOINTMENT SITE AND/OR THE WORK IS NOT READY FOR INSPECTION WITHIN FIFTEEN (15) MINUTES OF THE APPOINTED TIME, A RE-INSPECTION APPOINTMENT SHALL BE SCHEDULED. THE CONTRACTOR/DEVELOPER MAY BE ASSESSED AN AMOUNT EQUAL TO THE INSPECTOR'S COST TO THE CITY FOR ONE PAYROLL HOUR FOR EACH REINSPECTION.
- SUBGRADE ELEVATION FOR STREETS SHALL NOT PROJECT ABOVE DESIGN ELEVATIONS. THE FINISHED SURFACE OF THE AGGREGATE BASE COURSE SHALL BE WITHIN 0.02 FEET OF DESIGN ELEVATIONS. SUBGRADE SHALL BE COMPACTED TO 90% ASTM D-1557/91 OR ASTM D-2922 CLT. AGGREGATE BASE COURSE SHALL BE COMPACTED TO 95% ASTM D-1557/91 OR ASTM D-2922.
- THE ASPHALTIC CONCRETE THICKNESS SHALL NOT BE LESS THAN 0.25 INCHES OF DESIGN THICKNESS. A MINIMUM OF THREE (3) 3-INCH DIAMETER CORES TO BE OBTAINED BY THE CONTRACTOR FROM EACH BLOCK OF STREET, MEASURED FOR THICKNESS AND DENSITY, 95% MAXIMUM DENSITY PER ASTM D-1559-91-50 BLOW REQUIRED, AT THE DISCRETION OF THE CITY.

- A MINIMUM OF SIX (6) COMPACTION TESTS PER BLOCK OF STREET SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE. AT THE DISCRETION OF THE CITY, TO VERIFY COMPACTION OF: NATIVE SUBGRADE, AGGREGATE BASE COURSE, EACH UTILITY TRENCH AND CURB AND GUTTER SUBGRADE.
- CONSTRUCTION MATERIALS FOR STREETS, CURBS, GUTTERS, AND SIDEWALKS SHALL CONFORM TO THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (LATEST EDITION) AND THE CITY OF BLYTHE STANDARD SPECIFICATIONS.
- MATERIALS CERTIFICATIONS AND ANY MIX DESIGNS REQUIRED FOR CONCRETE OR ASPHALTIC CONCRETE WORK SHALL BE SUBMITTED TO THE CITY OF BLYTHE FOR APPROVAL TWO (2) WEEKS PRIOR TO USE ON THE PROJECT.
- ALL ASPHALT CONCRETE GREATER THAN 3-INCHES IN THICKNESS SHALL BE CONSTRUCTED IN TWO (2) COURSES, ONE BASE COURSE AND ONE SURFACE COURSE. THE SURFACE COURSE SHALL BE A MINIMUM THICKNESS OF TWELVE HUNDREDTHS OF ONE FOOT (0.12), AND A MAXIMUM OF TWENTY-FIVE HUNDREDTHS OF ONE FOOT (0.25). 95% MAXIMUM DENSITY PER ASTM D-1559-91-50 BLOW SHALL BE REQUIRED.
- ASPHALT CONCRETE MIXED AND PLACED IN THE CITY OF BLYTHE SHALL COMPLY WITH STATE OF CALIFORNIA CALTRANS STANDARD SPECIFICATION, CURRENT EDITION. HOT PLANT MIXED MATERIAL SHALL BE OF THE SIZE, 3/4" MAXIMUM TO 3/8" MAX., TYPE A, B, OR OPEN GRADED AGGREGATE BLENDED WITH EITHER AR400, OR AR800 STEAM REFINED PAVING ASPHALTS, AS DEFINED IN SECTION 92, "ASPHALT" AND SECTION 93 "ASPHALT CONCRETE".
- HOT MIXED ASPHALT ONLY WILL BE PLACED WITHIN THE CITY OF BLYTHE WITH A FLOATING, HEATED SCREED, LAYDOWN MACHINE, IN ACCORDANCE WITH SECTIONS 39-6.01 AND 39-6.02 OF THE CALTRANS STANDARD SPECIFICATIONS. THE METHOD OF COMPACTION, AND THE EQUIPMENT USED FOR THAT COMPACTION WILL COMPLY WITH SECTIONS 39-6.01 AND 39-6.02, CALTRANS STANDARD SPECIFICATIONS. COMPACTION OF ASPHALT PAVEMENT SHALL BE 95% MINIMUM AS DETERMINED BY ASTM 90 BLOW MARSHALL TEST. PRIME COAT FOR BASE AND FOG SEAL COAT FOR FINAL PAVING SHALL BE APPLIED AT THE DISCRETION OF THE PUBLIC WORKS DIRECTOR.
- PAVEMENT SIGNAGE, PAINT, AND STRIPING WILL BE PAINTED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS IN TWO (2) COATS WITH 30-DAY CURE TIME BETWEEN COATS.
- THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF PLANS AT THE JOB SITE. THESE PLANS MUST BE KEPT IN GOOD CONDITION, REFLECT ALL CHANGES OF THE PROJECT FROM THE APPROVED PLANS IN RED INK AND BE UPDATED DAILY. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL FURNISH THE CITY WITH ONE COMPLETE SET OF THE "AS-BUILT" SET OF PLANS. FINAL APPROVAL OF THE PROJECT SHALL NOT BE GRANTED UNTIL THE PROVISIONS OF THIS REQUIREMENT HAVE BEEN MET.
- A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE PUBLIC WORKS DIRECTOR AND HIS ASSOCIATES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

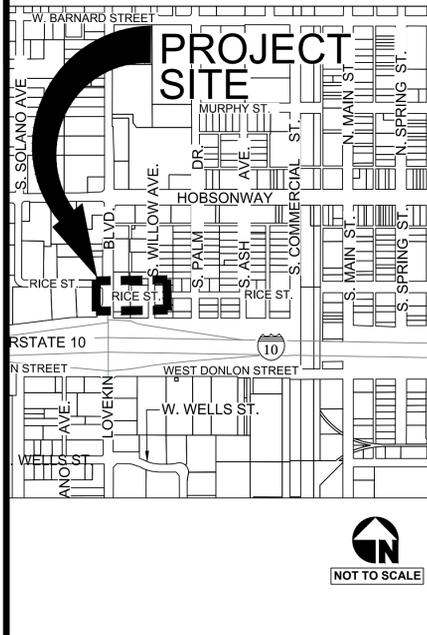
### THE HOLT GROUP, INC. ENGINEERING NOTES

- ANY QUESTION RAISED RELATIVE TO THE ACCURACY OF IMPROVEMENT INSTALLATION SHALL NOT BE RAISED SUBSEQUENT TO COMPLETION OF THE WORK UNLESS ALL SURVEY STAKES ARE MAINTAINED INTACT. SHOULD SUCH STAKES NOT BE PRESENT AND VERIFIED AS TO THEIR ORIGIN, NO CLAIM FOR ADDITIONAL COMPENSATION FOR CORRECTION SHALL BE PRESENTED TO ANY PARTY AND SUCH WORK SHALL BE CORRECTED BY THE CONTRACTOR AT HIS EXPENSE.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND SHALL NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, IDENTIFY, AND HOLD THE CITY AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CITY OR ENGINEER.
- NEITHER THE CITY, NOR THE ENGINEER WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT, AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- THE CONTRACTOR SHALL FOLLOW THE GUIDELINES AND REGULATIONS AS SET FORTH BY OSHA.
- THE EXISTENCE AND LOCATION OF UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED FROM A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITY LINES SHOWN ON THESE PLANS AND ANY OTHER UTILITIES NOT SHOWN ON THESE PLANS. ALL DAMAGES THERE TO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND AT THE EXPENSE OF THE CONTRACTOR.
- IT IS THE CONTRACTORS RESPONSIBILITY TO LOCATE ALL UNDERGROUND PIPELINES, TELEPHONE AND ELECTRIC CONDUITS AND STRUCTURES IN ADVANCE OF ANY CONSTRUCTION AND TO OBSERVE ALL POSSIBLE PRECAUTIONS TO AVOID DAMAGE TO SUCH. THE ENGINEER AND/OR CITY WILL NOT GUARANTEE ANY LOCATIONS AS SHOWN ON THESE PLANS OR THOSE OMITTED FROM THE SAME.
- CONTRACTOR SHALL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF THE ACTUAL LOCATIONS OF EXISTING FACILITIES.
- BEFORE EXCAVATING, THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES WITH THE APPROPRIATE UTILITY COMPANY.
- LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK.
- CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS REQUIRED TO PROTECT ADJACENT PROPERTIES DURING THE GRADING OPERATIONS.
- ALL FRAMES, COVERS, VALVE BOXES AND MANHOLES SHALL BE ADJUSTED TO FINISH GRADE UPON COMPLETION OF PAVING OR RELATED CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO INSURE THAT ALL GRADING AND STORM DRAINS ARE BUILT IN ACCORDANCE WITH THESE PLANS. IF THERE ARE ANY QUESTIONS REGARDING THESE PLANS OR FIELD STAKES, THE CONTRACTOR SHALL REQUEST AN INTERPRETATION BEFORE DOING ANY WORK BY CALLING THE ENGINEER OF WORK AT (760) 922-4658. THE CONTRACTOR SHALL ALSO TAKE THE NECESSARY STEPS TO PROTECT THE PROJECT AND ADJACENT PROPERTY FROM ANY EROSION AND SILTATION THAT MAY RESULT FROM HIS OPERATIONS BY APPROPRIATE MEANS (SAND BAGS, HAY BALES, TEMPORARY DESILTING BASINS, DIKES, SHORING, ETC.) UNTIL SUCH TIME THAT THE PROJECT IS COMPLETED AND ACCEPTED.
- THE GEOTECHNICAL REPORT PREPARED FOR THIS PROJECT BY MTGL (PROJECT NO: 3564-A03, LOG NO: 15-1808, DATED AUGUST 12, 2015), SHALL BE CONSIDERED AS PART OF THESE PLANS. ALL GRADING SHALL BE DONE IN ACCORDANCE WITH THE RECOMMENDATIONS AND SPECIFICATIONS CONTAINED IN SAID REPORT.
- ALL GRADING SHALL BE DONE UNDER THE OBSERVATION OF A QUALIFIED GEOTECHNICAL ENGINEER. ALL AREAS TO BE FILLED SHALL BE SUFFICIENTLY PREPARED AND ALL FILL SHALL BE PLACED IN ACCORDANCE WITH THE RECOMMENDED GRADING SPECIFICATIONS AND SPECIAL PROVISIONS ATTACHED TO THE GEOTECHNICAL INVESTIGATION FOR THIS PROJECT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PLACE, SPREAD, WATER AND COMPACT FILL IN STRICT ACCORDANCE WITH THESE SPECIFICATIONS.
- OBSERVATIONS AND COMPACTION TESTS SHALL BE MADE BY THE GEOTECHNICAL ENGINEER DURING THE FILLING AND COMPACTING OPERATIONS SO THAT HE CAN STATE THAT IN HIS OPINION THE FILL WAS CONSTRUCTED IN ACCORDANCE WITH EARTHWORK SPECIFICATIONS.
- IN THE CASE OF CONFLICTS, THE REQUIREMENTS OF THE EARTHWORK SPECIFICATIONS PREPARED FOR THE PROJECT BY THE GEOTECHNICAL ENGINEER SHALL SUPERCEDE THE REQUIREMENTS OF THESE PLANS AND NOTES.
- CONTRACTOR IS TO COORDINATE THE GRADING OPERATIONS WITH UTILITY COMPANIES PERTAINING TO POLE RELOCATION, ADJUSTING WATER BLOW-OFFS AND WATER FACILITIES TO GRADE, OR ANY OTHER UTILITY ADJUSTMENTS.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FULLY COMPLY WITH THE STORM WATER POLLUTION PREVENTION PLAN AND EROSION CONTROL PLAN PREPARED FOR THIS PROJECT.

## GENERAL NOTES

- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF BLYTHE. ALL STANDARD DETAILS AND SPECIFICATIONS ARE AVAILABLE AT THE PUBLIC WORKS OFFICE, 440 SOUTH MAIN STREET, BLYTHE, CALIFORNIA. IN ADDITION, ALL WORK SHALL CONFORM TO THE "CALTRANS STANDARD AND SPECIFICATIONS" (LATEST EDITION).
- THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT AT 811 AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION.
- THE CONTRACTOR SHALL PROVIDE A "TRAFFIC CONTROL AND WORKER PROTECTION PLAN" PREPARED IN ACCORDANCE WITH CALTRANS DIVISION OF MAINTENANCE CHAPTER 8 (PROTECTION OF WORKERS), WHEN WORKING IN A DEDICATED RIGHT OF WAY (RW). THE PLAN SHALL BE SUBMITTED TO AND BE APPROVED BY THE CITY OF BLYTHE DEPARTMENT OF PUBLIC WORKS SEVEN (7) DAYS PRIOR TO ANY WORK IN THE RW. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR WORKER AND PUBLIC SAFETY. ALL TRAFFIC CONTROL AND SAFETY DEVICES MUST BE ON-SITE, INSPECTED AND APPROVED PRIOR TO THE COMMENCEMENT OF ANY WORK. THE CONTRACTOR SHALL KEEP ALL CONTROL AND SAFETY DEVICES IN PROPER POSITION AND WORKING ORDER AT ALL TIMES.
- THE CONTRACTOR SHALL PROVIDE FOR INGRESS AND EGRESS FOR PRIVATE PROPERTY ADJACENT TO THE WORK THROUGHOUT THE PERIOD OF CONSTRUCTION.
- THE CONTRACTOR SHALL COMPLETE ALL WORK IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION AND REPORT.
- THE SITE SHALL BE WET DOWN AS NECESSARY DURING CONSTRUCTION TO ELIMINATE DUST GENERATION.
- ANY DIRT, DUST, OR MUD, EITHER TRACKED OFF SITE BY EQUIPMENT OR BLOWN INTO ADJACENT CITY STREETS WILL BE CLEANED UP DAILY BY THE RESPONSIBLE CONTRACTOR.
- THE LOCATION OF EXISTING UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- ALL GRADING SHALL COMPLY WITH CHAPTER 70 OF THE UNIFORM BUILDING CODE, LATEST EDITION. (EXCEPT THAT MINIMUM GRADE FOR SWALES = 0.50%).
- THE CONTRACTOR SHALL ARRANGE FOR ALL INSPECTIONS WITHIN THE CITY OF BLYTHE WITH A MINIMUM OF 24 HOURS ADVANCE NOTICE. WHEN THE CONTRACTOR IS NOT PRESENT AT THE INSPECTION APPOINTMENT SITE AND/OR THE WORK IS NOT READY FOR INSPECTION WITHIN FIFTEEN (15) MINUTES OF THE APPOINTED TIME, A RE-INSPECTION APPOINTMENT SHALL BE SCHEDULED. THE CONTRACTOR/DEVELOPER MAY BE ASSESSED AN AMOUNT EQUAL TO THE INSPECTOR'S COST TO THE CITY FOR ONE PAYROLL HOUR FOR EACH RE-INSPECTION.
- ALL SITE GRADING SHALL BE FINISHED TO THE ELEVATIONS, LINES AND GRADES SHOWN ON THE PLANS. ALL FINISHED GRADES SHALL BE WITHIN 0.10 FOOT OF PLAN GRADE.
- A MINIMUM OF SIX COMPACTION TESTS PER BLOCK OF STREET SHALL BE PROVIDED AT THE CONTRACTOR'S EXPENSE AT THE DISCRETION OF THE CITY FOR EACH OF THE FOLLOWING: EACH OF THE UTILITY TRENCHES INSTALLED, SUBBASE, BASE AND FINISHED A.C.
- DURING GRADING OPERATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SELECTING EQUIPMENT THAT WILL NOT CAUSE "PUMPING" OF THE SOIL DUE TO THE DEPTH OF GROUNDWATER PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL BE LICENSED BY THE STATE OF CALIFORNIA, HAVE A CITY BUSINESS LICENSE AND SHALL FILE A CERTIFICATE OF WORKMENS COMPENSATION WITH THE CITY OF BLYTHE PRIOR TO THE START OF CONSTRUCTION.
- A LIST OF ALL SUBCONTRACTORS SHALL BE PROVIDED BY THE GENERAL CONTRACTOR TO THE CITY BUILDING DEPARTMENT.
- ANY STREET CLOSURES TO BE DONE DURING THE COURSE OF CONSTRUCTION WILL BE DONE SOLELY BY THE RESPONSIBLE CONTRACTOR, IN COORDINATION WITH AND WITH THE APPROVAL OF THE BLYTHE PUBLIC WORKS DEPARTMENT. A MINIMUM NOTICE OF 48 HOURS SHALL BE PROVIDED TO THE PUBLIC AND AFFECTED AGENCIES. (SCHOOL, POLICE, FIRE, PVID, ETC.)
- NO OPEN TRENCHES WILL BE PERMITTED OVERNIGHT WITHOUT THE DIRECTOR OF PUBLIC WORKS OR HIS AGENTS APPROVAL.
- PLANNED WATER OUTAGES SHALL BE COORDINATED WITH THE BLYTHE PUBLIC WORKS DEPARTMENT ONE-WEEK PRIOR TO SHUT DOWN.
- THE CONTRACTOR SHALL MAINTAIN AN "AS-BUILT" SET OF PLANS AT THE JOB SITE. THESE PLANS MUST BE KEPT IN GOOD CONDITION, REFLECT ALL CHANGES TO THE PROJECT FROM THE APPROVED PLANS IN RED INK AND BE UPDATED DAILY. AT THE CONCLUSION OF THE PROJECT, THE CONTRACTOR SHALL FURNISH THE CITY WITH ONE COMPLETE SET OF THE "AS-BUILT" PLANS. FINAL APPROVAL OF THE PROJECT SHALL NOT BE GRANTED UNTIL THE PROVISIONS OF THIS REQUIREMENT HAVE BEEN MET.
- A PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE PUBLIC WORKS DIRECTOR AND HIS ASSOCIATES AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.

## LOCATION MAP



BENCH MARK:  
BENCHMARK: NO. 31 CITY OF BLYTHE ELEV: 265.915

LOCATION: CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE BCR OF HOBSONWAY AND CARLTON AVENUE.

## UTILITY PURVEYORS

SO CAL GAS TRANSMISSION 30" THE GAS COMPANY 13100 W. 14TH AVE. BLYTHE, CA 92225 CONTACT: DANNY TIPTON PHONE: (760) 623-2665 FAX: NA	TELEPHONE FRONTIER 14885 SOUTH BROADWAY BLYTHE, CA 92225 CONTACT: TOM CHARNOTA PHONE: (928) 716-3393 FAX: (760) 922-2700
ELECTRIC SOUTHERN CALIFORNIA EDISON COMPANY 505 WEST 14TH AVE. BLYTHE, CA 92225 CONTACT: RAUL VALENZUELA PHONE: (626) 607-7100 FAX: (760) 921-1609	CABLE SUDDENLINK CABLE 621 WEST HOBSONWAY BLYTHE, CA 92225 CONTACT: TOMMY TENIENTE PHONE: (760) 220-4776 FAX: NA
WATER, SEWER, STORMWATER CITY OF BLYTHE DEPARTMENT OF PUBLIC WORKS 440 SOUTH MAIN STREET BLYTHE, CA 92225 CONTACT: ARMANDO BALDIZZONE PHONE: (760) 922-6611 FAX: (760) 922-0278	WASTE MANAGEMENT C R & R DISPOSAL SERVICE 14701 SOUTH BROADWAY BLYTHE, CA 92225 CONTACT: JULIE PADILLA PHONE: (760) 922-9107 FAX: (760) 922-0895
BLYTHE FIRE DEPARTMENT 201 NORTH COMMERCIAL BLYTHE, CA 92225 CONTACT: BILLY KEM PHONE: (760) 922-6117 FAX: NA	PALO VERDE IRRIGATION DISTRICT 180 WEST 14TH AVENUE BLYTHE, CA 92225 CONTACT: RICHARD GILMORE PHONE: (760) 922-3144 FAX: (760) 922-8294
FIBER OPTIC ERICSSON SERVICES FOR SPRINT-NEXTEL CORP 1141 N. JOSHUA TREE LANE BLYTHE, CA 92225 CONTACT: REG F. LANG PHONE: (760) 921-3150 FAX: (760) 922-4226	SO CAL GAS DISTRIBUTION RESIDENTIAL THE GAS COMPANY 13100 WEST 14TH AVE. BLYTHE, CA 92225 CONTACT: JOHN PAUL PHONE: (951) 532-0614 FAX: NA
TELEPHONE A T & T FIBER OPTIC PHONE: (800) 252-1133	

**BASIS OF BEARING**  
BASIS OF BEARING IS THE CENTERLINE OF NORTH SOLANO AVENUE PER RS 71/41 BEING IN N 01°59'28" W.

## PROJECT DESCRIPTION

THE WORK TO BE COMPLETED WILL BE LOCATED IN THE CITY OF BLYTHE, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA. THE PROJECT CONSISTS OF FULL WIDTH ROADWAY IMPROVEMENTS ALONG RICE AVENUE BETWEEN LOVEKIN BOULEVARD AND WILLOW AVENUE. THE FULL WIDTH IMPROVEMENTS INCLUDE COLD PLANING (MILLING) OF THE EXISTING A.C. PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT. CONTRACTOR SHALL HAUL AND STOCK PILE THE COLD PLANED MATERIAL AT A DESIGNATED AREA WITHIN THE PUBLIC WORKS DEPARTMENT YARD OR AS DESIGNATED BY

THE PUBLIC WORKS DIRECTOR. THE INSTALLATION OF NEW PAVEMENT SECTIONS, P.C.C. INFRASTRUCTURE SUCH AS CURB AND GUTTER, SIDEWALK, DRIVEWAYS, ADA COMPLIANT CURB RAMPS, SPANDRELS AND CROSS-GUTTERS WILL TAKE PLACE.

## SHEET INDEX

- |  |                                  |
|--|----------------------------------|
| 1. TITLE SHEET   | 9. DETAIL SHEET                  |
| 2. INDEX SHEET   | 10. DETAIL SHEET                 |
| 3. RICE STREET EXISTING/DEMOLITION SITE PLAN FROM STATION 0+35.98E TO STATION 3+81.03E | 11. TRAFFIC CONTROL PLAN         |
| 4. RICE STREET PLAN AND PROFILE FROM STATION 0+35.98E TO STATION 2+25E                 | 12. EROSION CONTROL PLAN         |
| 5. RICE STREET PLAN AND PROFILE FROM STATION 2+25E TO STATION 3+81.03E                 | 13. EROSION CONTROL DETAIL SHEET |
| 6. CROSS SECTIONS  |                                  |
| 7. CROSS SECTIONS  |                                  |
| 8. BLOW UP DETAIL  |                                  |

LEGEND			ABBREVIATIONS		
ITEM NO.	ITEM	SYMBOL	ITEM NO.	DESCRIPTION	SYMBOL
1	NEW A.C. PAVEMENT	[Symbol]	1	BEGINNING OF CURVE	BC
2	P.C.C. STRUCTURES	[Symbol]	2	BOTTOM	BTM
3	SIGNS/POSTS	[Symbol]	3	EAST	E
4	POWER POLE	[Symbol]	4	END OF CURVE	EC
5	GUY WIRE	[Symbol]	5	EXISTING GRADE	EG
6	EXISTING PALM TREE	[Symbol]	6	EDGE OF PAVEMENT	EP
7	EXISTING BRUSH	[Symbol]	7	FINISH GRADE	FG
8	COLD PLANE PAVEMENT	[Symbol]	8	FLOWLINE	FL
9	RIGHT OF WAY	[Symbol]	9	FUTURE SIDEWALK	F_SW
10	EXISTING A.C. PAVEMENT	[Symbol]	10	GAS	G
11	EXISTING FENCE	[Symbol]	11	INVERT	INV
12	PROPERTY LINE	[Symbol]	12	MIDDLE OF CURVE	MC
			13	NORTH	N
			14	OVERHEAD ELECTRIC	OH
			15	PROPERTY LINE	PL
			16	RIGHT OF WAY	ROW
			17	SLOPE	S
			18	STATION	STA
			19	TOP OF CONCRETE	TC
			20	TOP OF CONCRETE CURB	TCC
			21	TOP OF BERM	TOB
			22	TOE OF BERM	TOE
			23	TOP OF PAVEMENT	TP
			24	TYPICAL	TPP
			25	TOP OF WALL	TW

### GEOTECHNICAL ENGINEER

MTGL  
2992 E. LA PALMA  
SUITE A  
ANAHEIM, CA 92806  
SEAN FISHER  
1-800-491-2990

### DEVELOPER AND OWNER

CITY OF BLYTHE  
235 NORTH BOARDWAY  
BLYTHE, CA 92225  
PHONE: (760) 922-6111

### DESIGN ENGINEER

THE HOLT GROUP, INC.  
201 E. HOBSONWAY  
BLYTHE, CA 92225  
CONTACT: ROBERT K. HOLT, P.E.  
rob@theholtgroup.net  
PHONE: (760) 922-4658  
FAX: (760) 922-4660

APPROVED BY: CITY OF BLYTHE

DANIEL GARNICA  
CHIEF BUILDING INSPECTOR

APPROVED BY: CITY OF BLYTHE

ARMANDO GARCIA BALDIZZONE, P.E.  
PUBLIC WORKS DIRECTOR



Know what's below.  
Call before you dig.

### UNDERGROUND SERVICE ALERT

Call: TOLL FREE  
811

TWO WORKING DAYS BEFORE DIGGING

DESIGN BY: VG  
DRAWN BY: AG  
CHKD. BY: VG & RKH

SHEET  
No. 1  
OF  
13 SHEETS

PREPARED UNDER THE DIRECT SUPERVISION OF:

ROBERT K. HOLT, P.E.

11/21/15 DATE

27943 R.C.E. NO.

03/31/16 REG. EXP.

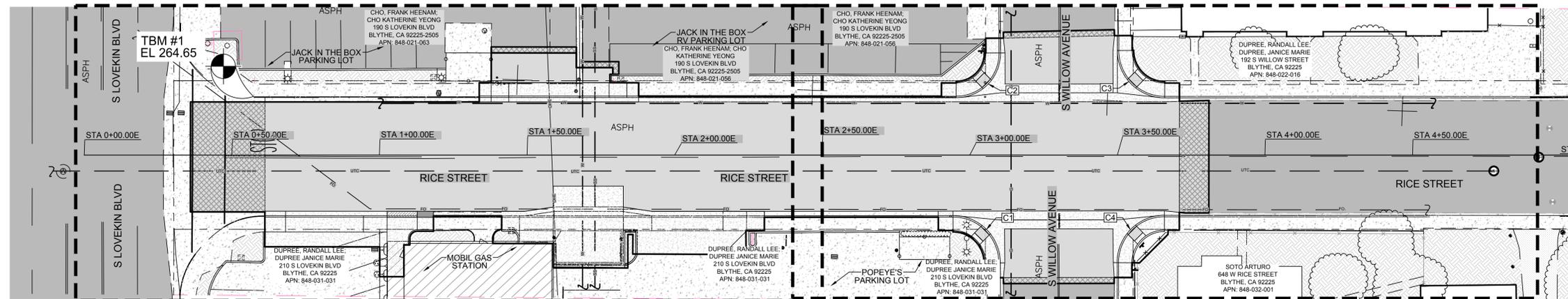
PROJECT TITLE: RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE

PROJECT NUMBER: 100,279

SHEET CONTENT: TITLE SHEET

# SHEET 3

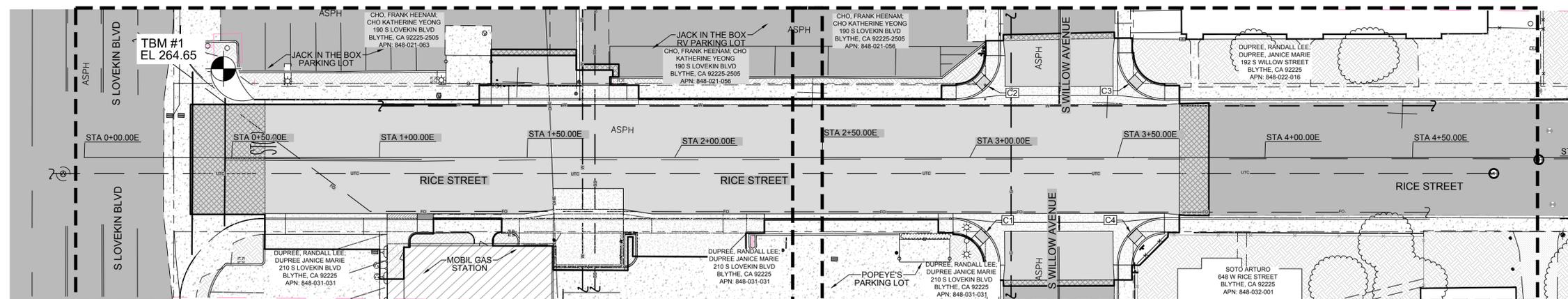
# SHEET 3



# SHEET 4

## EXISTING/DEMOLITION SITE PLAN

# SHEET 5



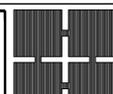
## IMPROVEMENT PLAN

NOTE: CONTRACTOR SHALL "POT-HOLE" THE EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION WITHIN FIVE (5) DAYS FROM THE ISSUANCE OF THE NOTICE TO PROCEED. THE CONTRACTOR SHALL COORDINATE THE "POT-HOLING" WITH THE UTILITY COMPANIES AND PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE. IT SHALL BE VERIFIED THAT THE EXISTING UTILITIES ARE LOCATED BELOW THE SUBBASE DESIGN ELEVATION OF THE NEW STREET SECTION IMPROVEMENTS. RELOCATION OF THE UTILITIES SHALL BE COORDINATED WITH THE UTILITY COMPANY. THERE ARE EXISTING UNDERGROUND SANITARY SEWER, STORMWATER, TELEPHONE CABLE, WATER AND GAS PIPELINES, ALONG RICE STREET. THE CONTRACTOR SHALL POT-HOLE AND EXPOSE THE UTILITIES PRIOR TO THE EXCAVATION OF SUBGRADE ALONG THE NEW PAVEMENT STRUCTURAL SECTION. THE PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE SHALL OBSERVE THE UTILITIES PRIOR TO THE EXCAVATION OF THE ROADWAY. THE CONTRACTOR SHALL PREPARE HIS/HER PROPOSAL BASED ON THE ASSUMPTION THAT UNDERGROUND UTILITIES SHALL NOT BE REQUIRED TO BE RELOCATED BY THE CONTRACTOR.



Q:\E\Centro\100279\CAD\RICE\100279\_SHEET 2\_INDEX SHEET.dwg 11/09/2015 09:07

**The Holt Group**  
ENGINEERING PLANNING SURVEYING



NO.

REVISIONS:

APPROVED

DATE

DESIGN BY:

VG

DRAWN BY:

A.G.

CHECKED BY:

VG / RKH

BENCHMARK: CITY OF BLYTHE BENCHMARK 31

ELEVATION: EL=265.915'

LOCATION:  
CITY OF BLYTHE BENCHMARK NO. 31  
CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY  
AND CARLTON AVE.  
EL. 265.915



PREPARED UNDER THE DIRECT SUPERVISION OF:

*Robert K. Holt*  
ROBERT K. HOLT, P.E.

11-2-15

DATE

27943

R.C.E. NO.

03/31/16

REG. EXP.

**RICE STREET IMPROVEMENT PROJECT FROM  
LOVEKIN BOULEVARD TO WILLOW AVENUE**

SHEET CONTENT:

INDEX SHEET

LOCATION: BLYTHE, CA

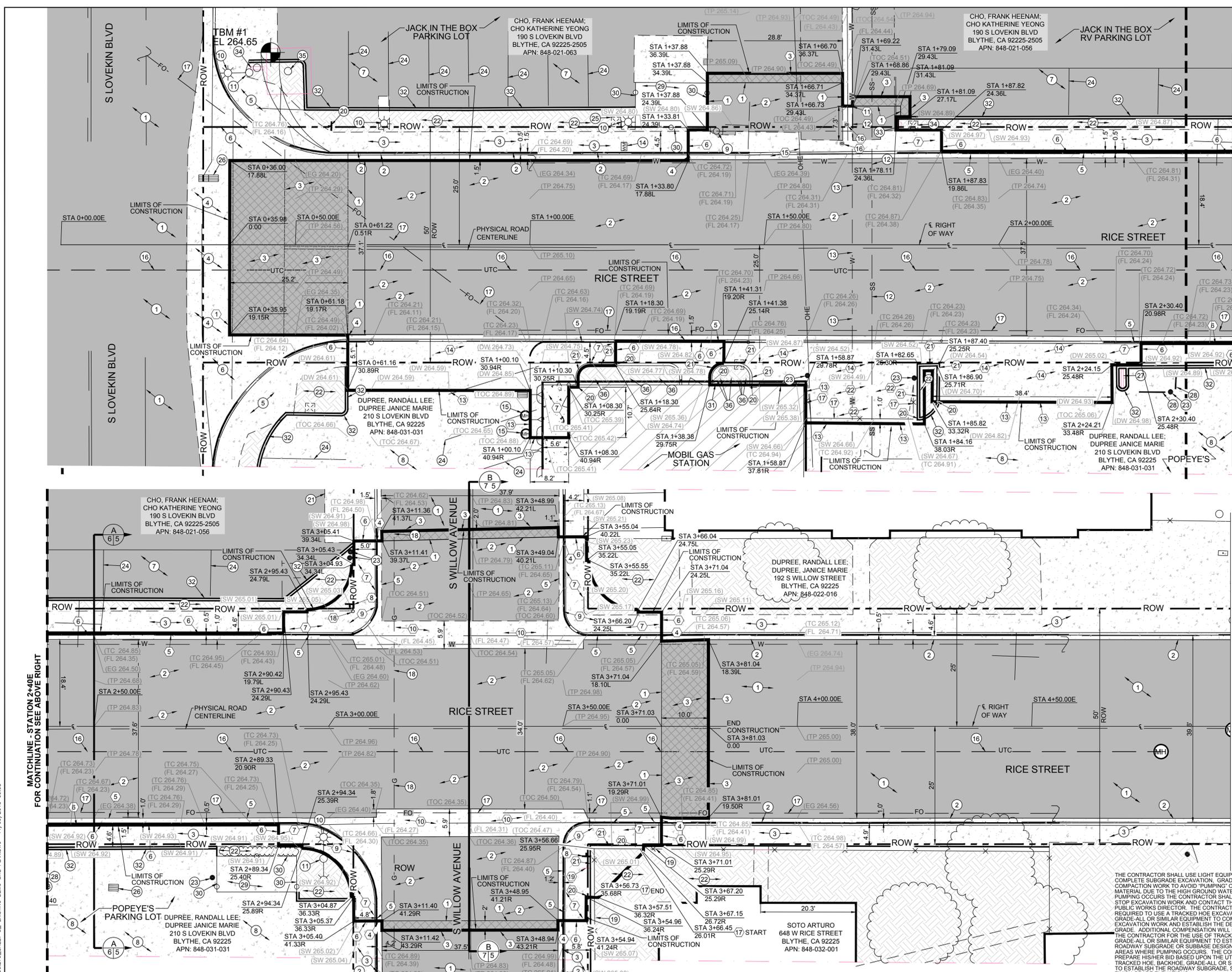
CLIENT: CITY OF BLYTHE

SHEET  
**2**

OF 13 SHEETS

JOB NO.

100.279



- EXISTING KEYNOTES**
- EXISTING A.C. PAVEMENT TO REMAIN.
  - EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
  - EXISTING SIDEWALK TO REMAIN.
  - EXISTING P.C.C. CROSS GUTTER TO REMAIN.
  - EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
  - EXISTING P.C.C. SPANDREL TO REMAIN.
  - EXISTING A.C. PARKING LOT TO REMAIN.
  - EXISTING P.C.C. PAVEMENT PARKING LOT TO REMAIN.
  - EXISTING FIRE HYDRANT TO REMAIN.
  - EXISTING STREET LIGHT TO REMAIN.
  - EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
  - EXISTING SANITARY SEWER PIPELINE TO REMAIN.
  - EXISTING WATER PIPELINE TO REMAIN.
  - EXISTING WATER METER TO REMAIN.
  - EXISTING GREASE, OIL INTERCEPTOR TANK TO REMAIN.
  - EXISTING UNDERGROUND FRONTIER AT&T COMMUNICATION PIPELINE TO REMAIN.
  - EXISTING UNDERGROUND SPRINT FIBER OPTIC PIPELINE TO REMAIN.
  - EXISTING GAS PIPELINE TO REMAIN.
  - EXISTING CHAINLINK FENCE TO REMAIN.
  - EXISTING STOP SIGN/STREET NAME SIGN TO REMAIN.
  - EXISTING P.C.C. DRIVEWAY TO REMAIN.
  - EXISTING LANDSCAPE/PLANTER TO REMAIN.
  - EXISTING BOLLARDS TO REMAIN.
  - EXISTING 4-INCH WIDE WHITE PARKING STRIPE TO REMAIN.
  - EXISTING BACK FLOW PREVENTOR TO REMAIN.
  - EXISTING STORMWATER CATCH INLET TO REMAIN.
  - EXISTING POPEYE'S ENTRANCE SIGN TO REMAIN.
  - EXISTING P.C.C. BUMPER STOP TO REMAIN.
  - EXISTING TRASH ENCLOSURE TO REMAIN.
  - EXISTING TRASH ENCLOSURE MASONRY WALL TO REMAIN.
  - EXISTING ELECTRICAL BOX TO REMAIN.
  - EXISTING BARRIER CURB TO REMAIN.
  - EXISTING ONE WAY SIGN TO REMAIN.
  - EXISTING DRIVE THRU/ RV PARKING ENTRANCE SIGN TO REMAIN.
  - EXISTING JACK IN THE BOX SIGN TO REMAIN.
  - EXISTING IRRIGATION SPRINKLER/PIPELINE TO REMAIN.
- DEMOLITION KEYNOTES**
- SAWCUT THE EXISTING A.C. PAVEMENT FOR THE FULL DEPTH OF THE A.C. PAVEMENT.
  - CONTRACTOR TO COLD PLANE THE EXISTING ROADWAY FOR THE FULL DEPTH OF THE EXISTING ROADWAY. THE CONTRACTOR SHALL STORE ON-SITE THE EXISTING COLD PLANE MATERIAL TO A DESIGNATED AREA SPECIFIED BY THE PUBLIC WORKS DIRECTOR. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - COLD PLANE 0.12' OF EXISTING A.C. PAVEMENT PER CITY OF BLYTHE STANDARD DETAIL S-230.
  - SAWCUT THE EXISTING P.C.C. CURB AND GUTTER FOR THE FULL DEPTH OF THE P.C.C. CURB AND GUTTER.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. CURB AND GUTTER AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - SAWCUT THE EXISTING P.C.C. SIDEWALK FOR THE FULL DEPTH OF THE P.C.C. SIDEWALK.
  - REMOVE AND DISPOSE OF EXISTING P.C.C. SIDEWALK AND UNDERLYING MATERIAL TO DESIGN SUBBASE GRADE.
  - CONTRACTOR TO REMOVE AND TEMPORARILY STORE EXISTING STOP/STREET SIGN.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. HANDICAP CURB RETURN AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. CROSS GUTTER AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - SAWCUT THE EXISTING P.C.C. RIBBON GUTTER FOR THE FULL DEPTH OF THE P.C.C. RIBBON GUTTER.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. RIBBON GUTTER AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - SAWCUT THE EXISTING P.C.C. DRIVEWAY FOR THE FULL DEPTH OF THE P.C.C. DRIVEWAY.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. DRIVEWAY AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. ALLEY DRIVEWAY AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - CONTRACTOR TO LOWER THE WATER VALVE FRAME AND COVER 0.30 FEET BELOW GRADE PRIOR TO PAVING PER CITY OF BLYTHE STANDARD DETAIL L ON SHEET 10.
  - CONTRACTOR TO REMOVE AND TEMPORARILY STORE CHAIN LINK FENCE SECTION.
  - A CALIFORNIA LICENSED LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER CONTRACTED BY THE CONTRACTOR SHALL PLACE TIE POINTS BEYOND THE IMMEDIATE CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER SHALL COORDINATE WITH THE CONTRACTOR AND EXERCISE CAUTION TO INSURE THAT THE TIE POINTS ARE NOT DISTURBED DURING THE PROJECT CONSTRUCTION. THE LICENSED LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER SHALL PLACE A 2-INCH BRASS DISK MONUMENT AFTER SIDEWALK CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
  - CONTRACTOR TO REMOVE AND TEMPORARILY STORE "EXISTING FIBER OPTIC CABLE BURIED CALL BEFORE YOU DIG" SIGN.
  - SAWCUT THE EXISTING P.C.C. BARRIER CURB FOR THE FULL DEPTH OF THE P.C.C. BARRIER CURB.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. BARRIER CURB AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.
  - CONTRACTOR TO REMOVE AND DISPOSE OF EXISTING P.C.C. TRASH ENCLOSURE SLAB AND UNDERLYING MATERIAL TO SUBBASE DESIGN GRADE.

**The Holt Group**  
ENGINEERING PLANNING SURVEYING

201 E. Hobsonway  
1601 N Imperial Avenue

Blythe, California 92225  
El Centro, California 92224

(760) 922-4658  
(760) 337-3883

NO.	REVISIONS:	APPROVED	DATE

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

DESIGN BY:	VG
DRAWN BY:	A.G.
CHECKED BY:	VG / RKH

BENCHMARK: CITY OF BLYTHE BENCHMARK 31  
ELEVATION: EL= 265.915'  
LOCATION: CITY OF BLYTHE BENCHMARK NO. 31 CRISSELL SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE.  
EL 265.915



PREPARED UNDER THE DIRECT SUPERVISION OF:  
ROBERT K. HOLT, P.E.  
DATE: 11-2-15  
REG. EXP.: 03/31/16

**RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE**

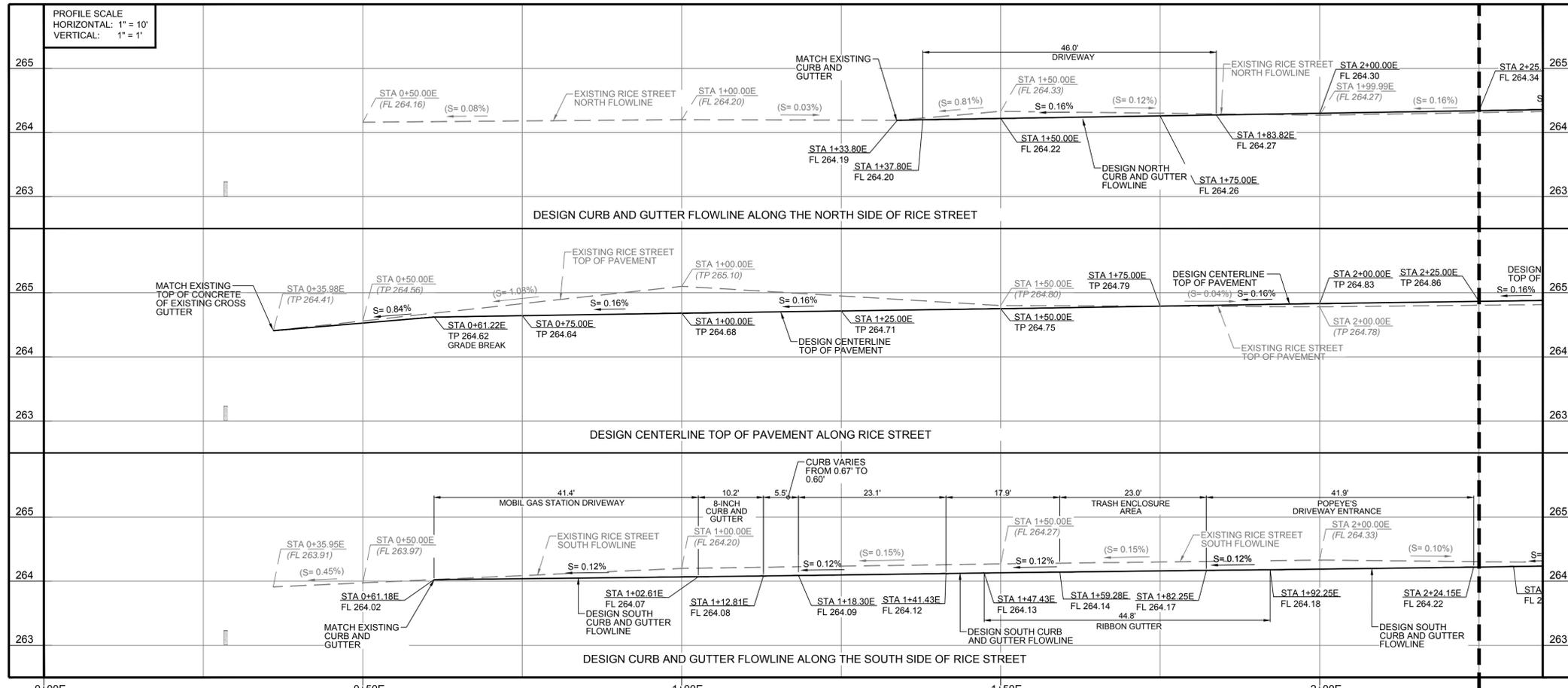
SHEET 3 OF 13 SHEETS

SHEET CONTENT:  
**RICE STREET EXISTING/DEMOLITION SITE PLAN FROM STATION 0+35.98E TO STATION 3+81.03E**

LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE

JOB NO. 100.279

C:\El\_Centro\100.279\CAD\RIE\100.279\_SHEET 3 - EXISTING DEMO SITE PLAN.DWG 11/09/2015 09:08



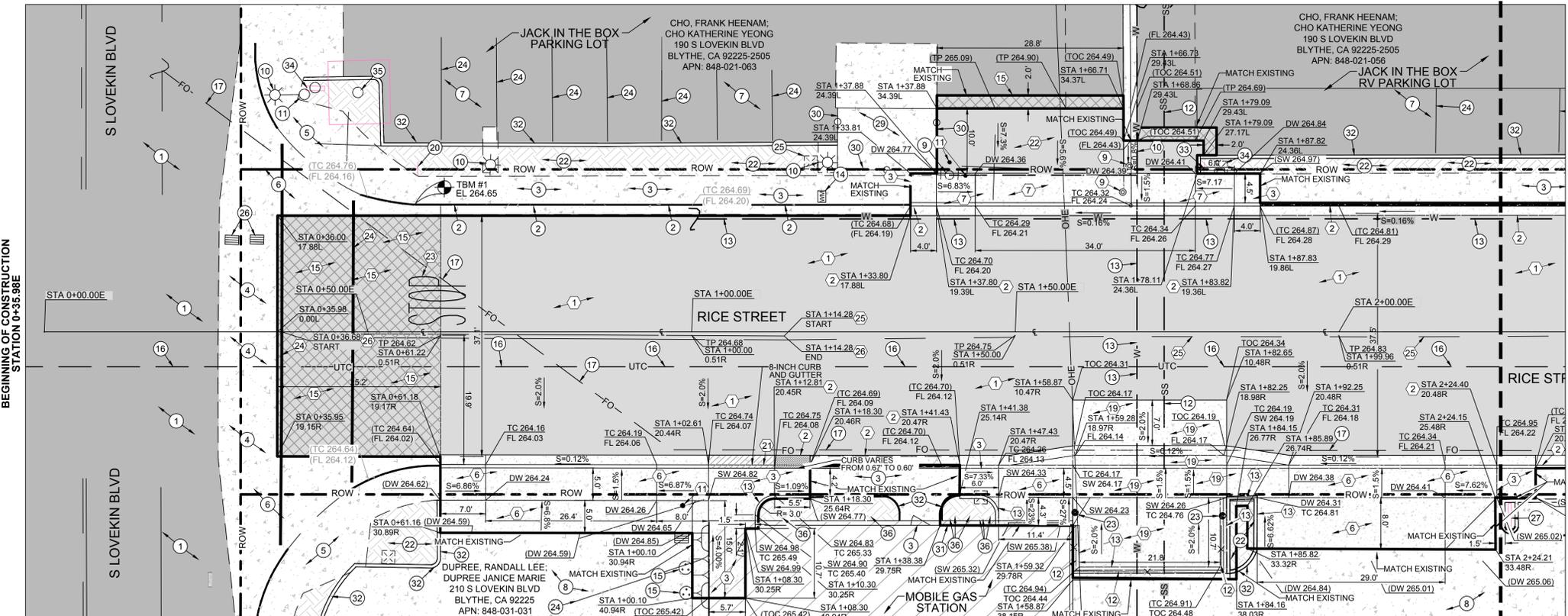
- CONSTRUCTION KEYNOTES**
- INSTALL 6-INCHES OF A.C. PAVEMENT OVER 18-INCHES OF CLASS 2 BASE, OVER 4-INCHES OF THE EXISTING STORED COLD PLANNED MATERIAL, COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557 AND COMPACT THE COLD PLANE MATERIAL TO 90 PERCENT MAXIMUM DENSITY PER ASTM D-1557. SEE SECTION A/A THROUGH B/B ON SHEETS 6 THROUGH 7.
  - INSTALL VARIABLE HEIGHT CURB FACE VARIES FROM 4 INCHES TO 10 INCHES) P.C.C. CURB AND GUTTER PER MODIFIED CITY OF BLYTHE STANDARD DETAIL S-208. SEE DETAIL E ON SHEET 9.
  - INSTALL P.C.C. SIDEWALK OVER 6-INCHES OF GRANULAR SAND PER CITY OF BLYTHE STANDARD DETAIL S-206C. SEE DETAIL M ON SHEET 10.
  - INSTALL NEW P.C.C. CROSS GUTTER PER MODIFIED CITY OF BLYTHE STANDARD DETAIL S-207. SEE DETAIL A ON SHEET 9.
  - INSTALL P.C.C. HANDICAP RAMP PER DETAIL J ON SHEET 10.
  - INSTALL NEW P.C.C. COMMERCIAL DRIVEWAY (WITH 0.13' LIP) PER MODIFIED CITY BLYTHE STANDARD DETAIL S-206A. SEE DETAIL C ON SHEET 9.
  - INSTALL NEW P.C.C. COMMERCIAL DRIVEWAY (WITH 0.08' LIP) PER MODIFIED CITY BLYTHE STANDARD DETAIL S-206A. SEE DETAIL B ON SHEET 9.
  - INSTALL TRUNCATED DOMES PER CALTRANS STANDARD PLANS A88A NOTE 9.
  - CONTRACTOR TO ADJUST THE EXISTING VALVE RISERS TO FINISH GRADE CONTRACTOR PRIOR TO PLACING THE P.C.C. DRIVEWAY AND RIBBON GUTTER. SEE DETAIL L ON SHEET 10.
  - INSTALL NEW P.C.C. RIBBON GUTTER PER MODIFIED CITY BLYTHE STANDARD DETAIL S-213. SEE DETAIL D ON SHEET 9.
  - INSTALL BOLLARDS PER DETAIL K ON SHEET 10.
  - CONTRACTOR TO INSTALL PREVIOUSLY REMOVED TRASH ENCLOSURE CHAIN LINK FENCE WITH NEW POSTS. SEE DETAIL H ON SHEET 9.
  - CONTRACTOR TO INSTALL P.C.C. BARRIER CURB PER CITY OF BLYTHE STANDARD DETAIL S-208C. SEE DETAIL N ON SHEET 10.
  - A CALIFORNIA LICENSED LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER CONTRACTED BY THE CONTRACTOR SHALL PLACE THE TIE POINTS BEYOND THE IMMEDIATE CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER SHALL COORDINATE WITH THE CONTRACTOR AND EXERCISE CAUTION TO INSURE THAT THE TIE POINTS ARE NOT DISTURBED DURING THE PROJECT CONSTRUCTION. THE LICENSED LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER SHALL PLACE A 2-INCH BRASS DISK MONUMENT AFTER SIDEWALK CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
  - INSTALL A.C. PAVEMENT AT COLD PLANNED AREA PER CITY OF BLYTHE STANDARD DETAIL S-230. SEE DETAIL O ON SHEET 10.
  - INSTALL PREVIOUSLY REMOVED "FIBER OPTIC CABLE BURIED BELOW" SIGN ON NEW POST AND PEDESTAL PER CITY OF BLYTHE STANDARD DETAIL S-227A. SEE DETAIL P ON SHEET 10.
  - INSTALL PREVIOUSLY REMOVED STOP SIGN WITH STREET NAME SIGN ON NEW POST PER CITY OF BLYTHE STANDARD DETAIL S-227A. SEE DETAIL P ON SHEET 10.
  - INSTALL PREVIOUSLY REMOVED STOP SIGN ON NEW POST PER CITY OF BLYTHE STANDARD DETAIL S-227A. SEE DETAIL P ON SHEET 10.
  - INSTALL TRASH ENCLOSURE PAD AND FENCE. SEE BLOW UP DETAIL ON SHEET 8, FENCE DETAIL H ON SHEET 9, AND SECTION C-C ON SHEET 8. THE CONCRETE SECTION ON THE STREET IS 8-INCHES. THE CONCRETE SECTION FROM BACK OF CURB TO THE 6-INCH CURB IS 6-INCHES.
  - INSTALL 6-INCH VARIABLE WIDTH CURB AND GUTTER. CURB AND GUTTER VARIES FROM 1 FOOT TO 1.5 FEET. SEE DETAIL G ON SHEET 9.
  - INSTALL 8-INCH P.C.C. CURB AND GUTTER PER MODIFIED CITY OF BLYTHE STANDARD DETAIL S-208. SEE DETAIL F ON SHEET 9.
  - INSTALL 3-INCHES OF A.C. PAVEMENT OVER 9-INCHES OF CLASS 2 BASE. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
  - CONTRACTOR TO PAINT STOP LEGEND PER CALTRANS STANDARD PLAN A24D.
  - CONTRACTOR TO PAINT 12 INCH WIDE WHITE BASIC CROSSWALK PER CALTRANS STANDARD PLAN RSP A24F.
  - CONTRACTOR TO PAINT 4-INCH WIDE DASHED YELLOW CENTERLINE STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 5.
  - CONTRACTOR TO PAINT 4-INCH WIDE DOUBLE YELLOW SOLID STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 5.
  - CONTRACTOR TO INSTALL PREVIOUSLY REMOVED 4-FOOT CHAIN LINK FENCE WITH NEW POSTS. SEE DETAIL L ON SHEET 10.

**EXISTING KEYNOTES**

- EXISTING A.C. PAVEMENT TO REMAIN.
- EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- EXISTING SIDEWALK TO REMAIN.
- EXISTING P.C.C. CROSS GUTTER TO REMAIN.
- EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
- EXISTING P.C.C. SPANDREL TO REMAIN.
- EXISTING A.C. PARKING LOT TO REMAIN.
- EXISTING P.C.C. PAVEMENT PARKING LOT TO REMAIN.
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- EXISTING SANITARY SEWER PIPELINE TO REMAIN.
- EXISTING WATER PIPELINE TO REMAIN.
- EXISTING WATER METER TO REMAIN.
- EXISTING GREASE, OIL INTERCEPTOR TANK TO REMAIN.
- EXISTING UNDERGROUND FRONTIER AT&T COMMUNICATION PIPELINE TO REMAIN.
- EXISTING UNDERGROUND SPRINT FIBER OPTIC PIPELINE TO REMAIN.
- EXISTING GAS PIPELINE TO REMAIN.
- EXISTING CHAINLINK FENCE TO REMAIN.
- EXISTING STOP SIGN/STREET NAME SIGN TO REMAIN.
- EXISTING P.C.C. DRIVEWAY TO REMAIN.
- EXISTING LANDSCAPE/PLANTER TO REMAIN.
- EXISTING BOLLARDS TO REMAIN.
- EXISTING 4-INCH WIDE WHITE PARKING STRIPE TO REMAIN.
- EXISTING BACK FLOW PREVENTOR TO REMAIN.
- EXISTING STORMWATER CATCH INLET TO REMAIN.
- EXISTING POPEYE'S ENTRANCE SIGN TO REMAIN.
- EXISTING P.C.C. BUMPER STOP TO REMAIN.
- EXISTING TRASH ENCLOSURE TO REMAIN.
- EXISTING TRASH ENCLOSURE MASONRY WALL TO REMAIN.
- EXISTING ELECTRICAL BOX TO REMAIN.
- EXISTING BARRIER CURB TO REMAIN.
- EXISTING ONE WAY SIGN TO REMAIN.
- EXISTING DRIVE THRU RV PARKING ENTRANCE SIGN TO REMAIN.
- EXISTING JACK IN THE BOX SIGN TO REMAIN.
- EXISTING IRRIGATION SPRINKLER/PIPELINE TO REMAIN.

**Curve Table**

Curve #	Length	Radius	Delta	Chord Length	Tangent
C1	25.07	16.00	89.78	22.58	15.94
C2	23.64	15.00	90.30	21.27	15.08
C3	25.08	16.00	89.82	22.59	15.95
C4	25.08	16.00	89.80	22.59	15.94



THE CONTRACTOR SHALL USE LIGHT EQUIPMENT TO COMPLETE SUBGRADE EXCAVATION, GRADING AND COMPACTION WORK TO AVOID "PUMPING" OF THE NATIVE MATERIAL DUE TO THE HIGH GROUND WATER TABLE. IF PUMPING OCCURS THE CONTRACTOR SHALL IMMEDIATELY STOP EXCAVATION WORK AND CONTACT THE CITY OF BLYTHE PUBLIC WORKS DIRECTOR. THE CONTRACTOR SHALL BE REQUIRED TO USE A TRACKED HOE EXCAVATOR, BACKHOE, GRADE-ALL OR SIMILAR EQUIPMENT TO COMPLETE THE EXCAVATION WORK AND ESTABLISH THE DESIGN FINISH GRADE. ADDITIONAL COMPENSATION WILL NOT BE GIVEN TO THE CONTRACTOR FOR THE USE OF TRACKED HOE, BACKHOE, GRADE-ALL OR SIMILAR EQUIPMENT TO ESTABLISH THE ROADWAY SUBGRADE OR SUBBASE DESIGN GRADE IN THE AREAS WHERE PUMPING OCCURS. THE CONTRACTOR SHALL PREPARE HIS/HER BID BASED UPON THE UTILIZATION OF A TRACKED HOE, BACKHOE, GRADE-ALL OR SIMILAR EQUIPMENT TO ESTABLISH THE ROADWAY SUBGRADE, SUBBASE AND FINISH GRADE ELEVATIONS.

SCALE: 1"=10'

**The Holt Group**  
ENGINEERING PLANNING SURVEYING

201 E. Hobsonway  
1601 N Imperial Avenue  
Blythe, California 92225  
El Centro, California 92224

(760) 922-4658  
(760) 337-3883

NO.	REVISIONS:	APPROVED	DATE	DESIGN BY:	BENCHMARK: CITY OF BLYTHE BENCHMARK 31
				VG	ELEVATION: EL= 265.915'
				A.G.	LOCATION: CITY OF BLYTHE BENCHMARK NO. 31 CRIBBLED SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE. EL 265.915
				CHECKED BY: VG / RKH	PREPARED UNDER THE DIRECT SUPERVISION OF:  ROBERT K. HOLT, P.E.

PROFESSIONAL SEAL  
ROBERT K. HOLT, P.E.  
STATE OF CALIFORNIA

DATE: 11-2-15

REG. EXP. 03/31/16

REG. NO. 27943  
R.C.E. NO. 03/31/16

**RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE**

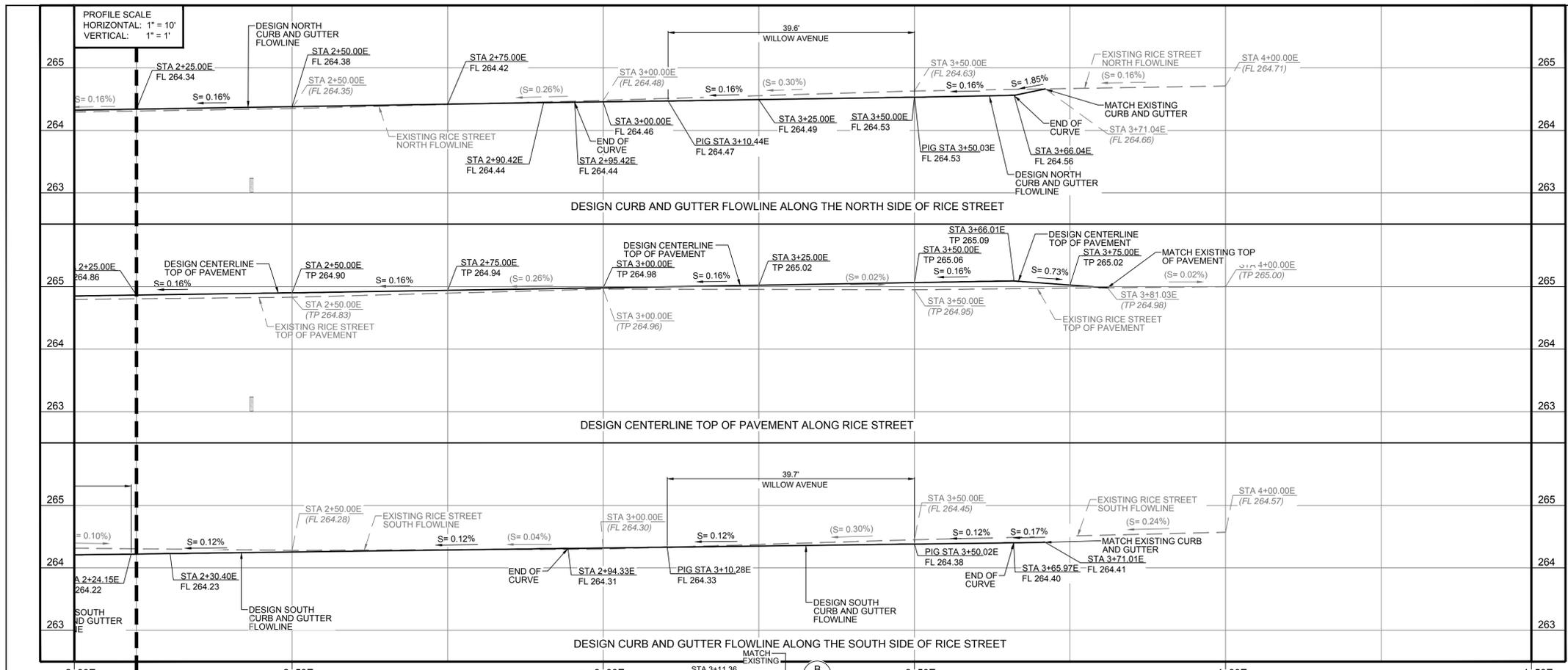
SHEET 4 OF 13 SHEETS

PROJECT CONTENT:  
**RICE STREET PLAN AND PROFILE FROM STATION 0+35.98E TO STATION 2+25E**

LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE

JOB NO. 100.279

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



**CONSTRUCTION KEYNOTES**

- 1) INSTALL 6-INCHES OF A.C. PAVEMENT OVER 18-INCHES OF CLASS 2 BASE, OVER 4-INCHES OF THE EXISTING STORED COLD PLANE MATERIAL. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557 AND COMPACT THE COLD PLANE MATERIAL TO 90 PERCENT MAXIMUM DENSITY PER ASTM D-1557. SEE SECTION A/A THROUGH B/B ON SHEETS 6 THROUGH 7.
- 2) INSTALL VARIABLE HEIGHT CURB FACE VARIES FROM 4 INCHES TO 10 INCHES) P.C.C. CURB AND GUTTER PER MODIFIED CITY OF BLYTHE STANDARD DETAIL S-208. SEE DETAIL E ON SHEET 9.
- 3) INSTALL P.C.C. SIDEWALK OVER 6-INCHES OF GRANULAR SAND PER CITY OF BLYTHE STANDARD DETAIL S-206C. SEE DETAIL M ON SHEET 10.
- 4) INSTALL NEW P.C.C. CROSS GUTTER PER MODIFIED CITY OF BLYTHE STANDARD DETAIL S-207. SEE DETAIL A ON SHEET 9.
- 5) INSTALL P.C.C. HANDICAP RAMP PER DETAIL J ON SHEET 10.
- 6) INSTALL NEW P.C.C. COMMERCIAL DRIVEWAY (WITH 0.13' LIP) PER MODIFIED CITY BLYTHE STANDARD DETAIL S-206A. SEE DETAIL C ON SHEET 9.
- 7) INSTALL NEW P.C.C. COMMERCIAL DRIVEWAY (WITH 0.08' LIP) PER MODIFIED CITY BLYTHE STANDARD DETAIL S-206A. SEE DETAIL B ON SHEET 9.
- 8) INSTALL TRUNCATED DOMES PER CALTRANS STANDARD PLANS A88A NOTE 9.
- 9) CONTRACTOR TO ADJUST THE EXISTING VALVE RISERS TO FINISH GRADE CONTRACTOR PRIOR TO PLACING THE P.C.C. DRIVEWAY AND RIBBON GUTTER. SEE DETAIL L ON SHEET 10.
- 10) INSTALL NEW P.C.C. RIBBON GUTTER PER MODIFIED CITY BLYTHE STANDARD DETAIL S-213. SEE DETAIL D ON SHEET 9.
- 11) INSTALL BOLLARDS PER DETAIL K ON SHEET 10.
- 12) CONTRACTOR TO INSTALL PREVIOUSLY REMOVED TRASH ENCLOSURE CHAIN LINK FENCE WITH NEW POSTS. SEE DETAIL P ON SHEET 10.
- 13) CONTRACTOR TO INSTALL P.C.C. BARRIER CURB PER CITY OF BLYTHE STANDARD DETAIL S-208C. SEE DETAIL N ON SHEET 10.
- 14) A CALIFORNIA LICENSED LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER CONTRACTED BY THE CONTRACTOR SHALL PLACE THE TIE POINTS BEYOND THE IMMEDIATE CONSTRUCTION AREA PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. THE LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER SHALL COORDINATE WITH THE CONTRACTOR AND EXERCISE CAUTION TO INSURE THAT THE TIE POINTS ARE NOT DISTURBED DURING THE PROJECT CONSTRUCTION. THE LICENSED LAND SURVEYOR/AUTHORIZED CIVIL ENGINEER SHALL PLACE A 2-INCH BRASS DISK MONUMENT AFTER SIDEWALK CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED.
- 15) INSTALL A.C. PAVEMENT AT COLD PLANE AREA PER CITY OF BLYTHE STANDARD DETAIL S-230. SEE DETAIL O ON SHEET 10.
- 16) INSTALL PREVIOUSLY REMOVED "FIBER OPTIC CABLE BURIED BELOW" SIGN ON NEW POST AND PEDESTAL PER CITY OF BLYTHE STANDARD DETAIL S-227A. SEE DETAIL P ON SHEET 10.
- 17) INSTALL PREVIOUSLY REMOVED STOP SIGN WITH STREET NAME SIGN ON NEW POST PER CITY OF BLYTHE STANDARD DETAIL S-227A. SEE DETAIL P ON SHEET 10.
- 18) INSTALL PREVIOUSLY REMOVED STOP SIGN ON NEW POST PER CITY OF BLYTHE STANDARD DETAIL S-227A. SEE DETAIL P ON SHEET 10.
- 19) INSTALL TRASH ENCLOSURE PAD AND FENCE. SEE BLOW UP DETAIL ON SHEET 8. FENCE DETAIL H ON SHEET 9, AND SECTION C-C ON SHEET 8. THE CONCRETE SECTION ON THE STREET IS 8-INCHES. THE CONCRETE SECTION FROM BACK OF CURB TO THE 6-INCH CURB IS 6-INCHES.
- 20) INSTALL 6-INCH VARIABLE WIDTH CURB AND GUTTER. CURB AND GUTTER VARIES FROM 1 FOOT TO 1.5 FEET. SEE DETAIL G ON SHEET 9.
- 21) INSTALL 8-INCH P.C.C. CURB AND GUTTER PER MODIFIED CITY OF BLYTHE STANDARD DETAIL S-208. SEE DETAIL F ON SHEET 9.
- 22) INSTALL 3-INCHES OF A.C. PAVEMENT OVER 9-INCHES OF CLASS 2 BASE. COMPACT CLASS 2 BASE MATERIAL TO 95 PERCENT MAXIMUM DENSITY PER ASTM D-1557.
- 23) CONTRACTOR TO PAINT STOP LEGEND PER CALTRANS STANDARD PLAN A24D.
- 24) CONTRACTOR TO PAINT 12 INCH WIDE WHITE BASIC CROSSWALK PER CALTRANS STANDARD PLAN RSP A24F.
- 25) CONTRACTOR TO PAINT 4-INCH WIDE DASHED YELLOW CENTERLINE STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 5.
- 26) CONTRACTOR TO PAINT 4-INCH WIDE DOUBLE YELLOW SOLID STRIPING PER CALTRANS STANDARD PLAN A20A, DETAIL 5.
- 27) CONTRACTOR TO INSTALL PREVIOUSLY REMOVED 4-FOOT CHAIN LINK FENCE WITH NEW POSTS. SEE DETAIL I ON SHEET 10.

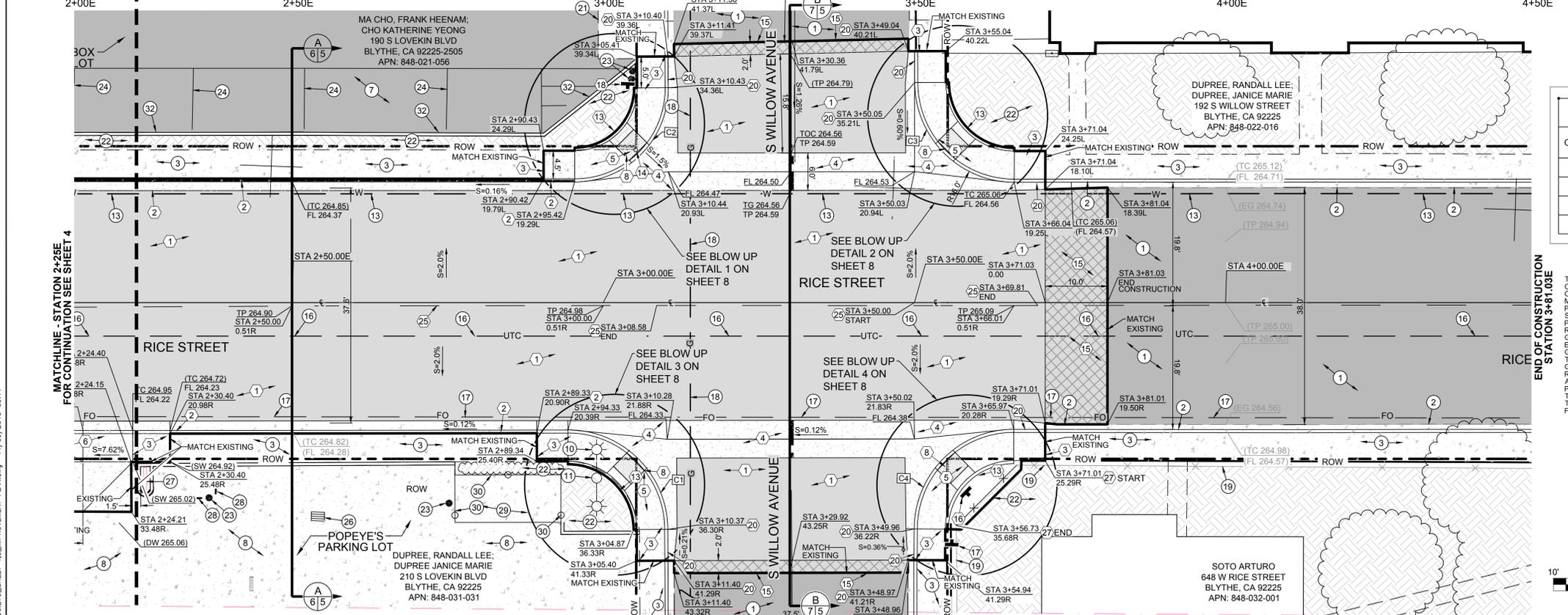
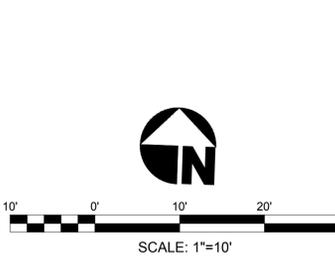
**EXISTING KEYNOTES**

- 1) EXISTING A.C. PAVEMENT TO REMAIN.
- 2) EXISTING P.C.C. CURB AND GUTTER TO REMAIN.
- 3) EXISTING SIDEWALK TO REMAIN.
- 4) EXISTING P.C.C. CROSS GUTTER TO REMAIN.
- 5) EXISTING P.C.C. HANDICAP RAMP TO REMAIN.
- 6) EXISTING P.C.C. SPANDREL TO REMAIN.
- 7) EXISTING A.C. PARKING LOT TO REMAIN.
- 8) EXISTING P.C.C. PAVEMENT PARKING LOT TO REMAIN.
- 9) EXISTING FIRE HYDRANT TO REMAIN.
- 10) EXISTING STREET LIGHT TO REMAIN.
- 11) EXISTING POWER AND/OR TELEPHONE POLE TO REMAIN.
- 12) EXISTING SANITARY SEWER PIPELINE TO REMAIN.
- 13) EXISTING WATER PIPELINE TO REMAIN.
- 14) EXISTING WATER METER TO REMAIN.
- 15) EXISTING GREASE, OIL INTERCEPTOR TANK TO REMAIN.
- 16) EXISTING UNDERGROUND FRONTIER AT&T COMMUNICATION PIPELINE TO REMAIN.
- 17) EXISTING UNDERGROUND SPRINT FIBER OPTIC PIPELINE TO REMAIN.
- 18) EXISTING GAS PIPELINE TO REMAIN.
- 19) EXISTING CHAINLINK FENCE TO REMAIN.
- 20) EXISTING STOP SIGN/STREET NAME SIGN TO REMAIN.
- 21) EXISTING P.C.C. DRIVEWAY TO REMAIN.
- 22) EXISTING LANDSCAPE/PLANTER TO REMAIN.
- 23) EXISTING BOLLARDS TO REMAIN.
- 24) EXISTING 4-INCH WIDE WHITE PARKING STRIPE TO REMAIN.
- 25) EXISTING BACK FLOW PREVENTOR TO REMAIN.
- 26) EXISTING STORMWATER CATCH INLET TO REMAIN.
- 27) EXISTING POPEYE'S ENTRANCE SIGN TO REMAIN.
- 28) EXISTING P.C.C. BUMPER STOP TO REMAIN.
- 29) EXISTING TRASH ENCLOSURE TO REMAIN.
- 30) EXISTING TRASH ENCLOSURE MASONRY WALL TO REMAIN.
- 31) EXISTING ELECTRICAL BOX TO REMAIN.
- 32) EXISTING BARRIER CURB TO REMAIN.
- 33) EXISTING ONE WAY SIGN TO REMAIN.
- 34) EXISTING DRIVE THRU/RY PARKING ENTRANCE SIGN TO REMAIN.
- 35) EXISTING JACK IN THE BOX SIGN TO REMAIN.
- 36) EXISTING IRRIGATION SPRINKLER/PIPELINE TO REMAIN.

**Curve Table**

Curve #	Length	Radius	Delta	Chord Length	Tangent
C1	25.07	16.00	89.78	22.58	15.94
C2	23.64	15.00	90.30	21.27	15.08
C3	25.08	16.00	89.82	22.59	15.95
C4	25.08	16.00	89.80	22.59	15.94

THE CONTRACTOR SHALL USE LIGHT EQUIPMENT TO COMPLETE SUBGRADE EXCAVATION, GRADING AND COMPACT WORK TO AVOID PUMPING OF THE NATIVE MATERIAL DUE TO THE HIGH GROUND WATER TABLE. IF PUMPING OCCURS THE CONTRACTOR SHALL IMMEDIATELY STOP EXCAVATION WORK AND CONTACT THE CITY OF BLYTHE PUBLIC WORKS DIRECTOR. THE CONTRACTOR SHALL BE REQUIRED TO USE A TRACKED HOE BACKHOE, GRADE-ALL OR SIMILAR EQUIPMENT TO COMPLETE THE EXCAVATION WORK AND ESTABLISH THE DESIGN FINISH GRADE. ADDITIONAL COMPENSATION WILL NOT BE GIVEN TO THE CONTRACTOR FOR THE USE OF TRACKED HOE BACKHOE, GRADE-ALL OR SIMILAR EQUIPMENT TO COMPLETE THE ROADWAY SUBGRADE OR SUBBASE DESIGN GRADE IN THE AREAS WHERE PUMPING OCCURS. THE CONTRACTOR SHALL PREPARE HIS BID BASED UPON THE UTILIZATION OF A TRACKED HOE BACKHOE, GRADE-ALL OR SIMILAR EQUIPMENT TO ESTABLISH THE ROADWAY SUBGRADE, SUBBASE AND FINISH GRADE ELEVATIONS.



**The Holt Group**  
 ENGINEERING PLANNING SURVEYING

201 E. Hobsonway  
 1601 N Imperial Avenue  
 Blythe, California 92225  
 El Centro, California 92224  
 (760) 922-4658  
 (760) 337-3883

NO.	REVISIONS:	APPROVED	DATE

DESIGN BY: VG  
 BENCHMARK: CITY OF BLYTHE BENCHMARK 31  
 ELEVATION: EL= 265.915'  
 DRAWN BY: A.G.  
 LOCATION: CITY OF BLYTHE BENCHMARK NO. 31  
 CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE.  
 EL 265.915

PREPARED UNDER THE DIRECT SUPERVISION OF:  
  
 ROBERT K. HOLT, P.E.  
 DATE: 11-2-15

**RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE**

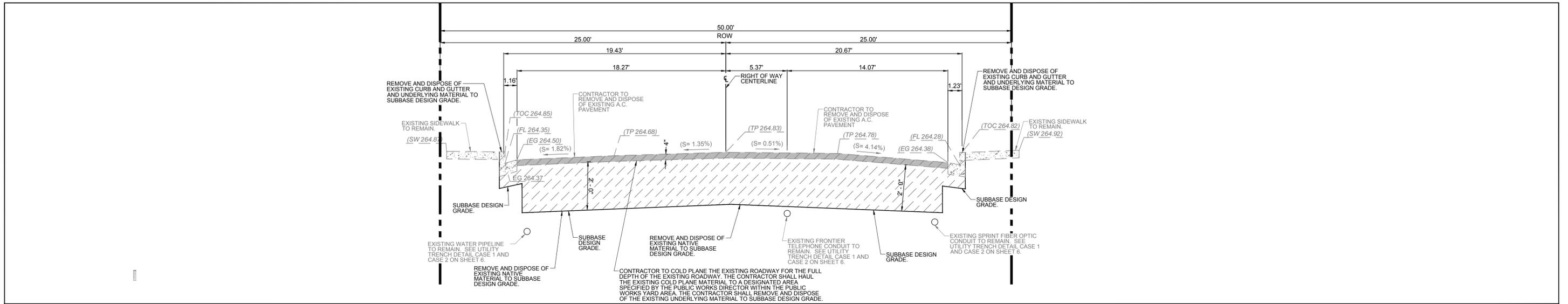
SHEET 5 OF 13 SHEETS

RICE STREET PLAN AND PROFILE FROM STATION 2+25E TO STATION 3+81.03E

LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE

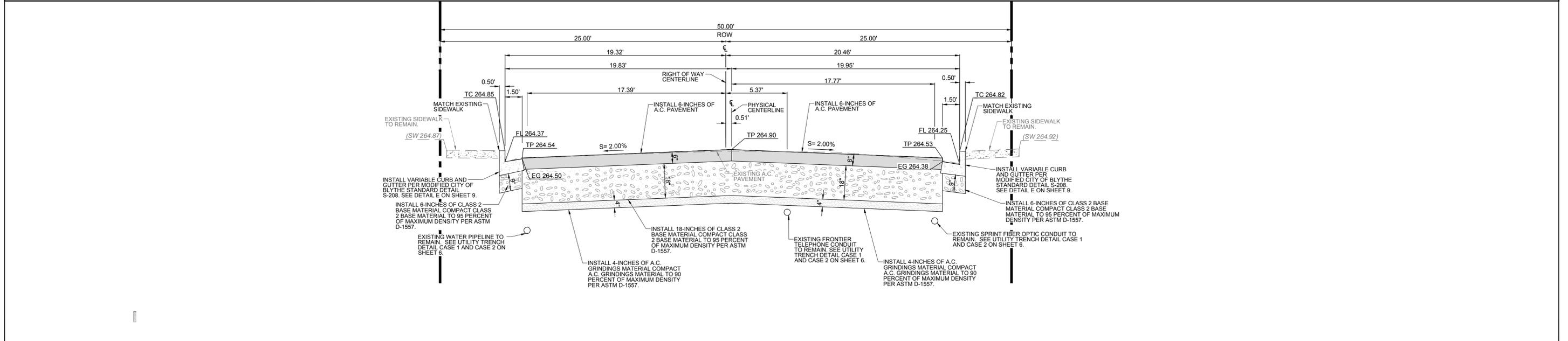
JOB NO. 100.279

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



**DEMOLITION CROSS SECTION AT STATION 2+50E ALONG RICE STREET**

HORIZONTAL SCALE: 1" = 4'-0"  
VERTICAL SCALE: 1" = 2'-0"



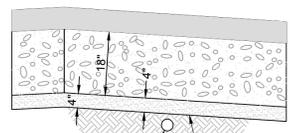
**DESIGN CROSS SECTION AT STATION 2+50E ALONG RICE STREET**

HORIZONTAL SCALE: 1" = 4'-0"  
VERTICAL SCALE: 1" = 2'-0"

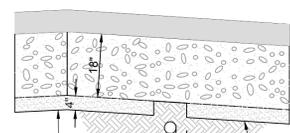


NOTE: CONTRACTOR SHALL "POT-HOLE" THE EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION WITHIN FIVE (5) DAYS FROM THE ISSUANCE OF THE NOTICE TO PROCEED. THE CONTRACTOR SHALL COORDINATE THE "POT-HOLING" WITH THE UTILITY COMPANIES AND PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE. IT SHALL BE VERIFIED THAT THE EXISTING UTILITIES ARE LOCATED BELOW THE SUBBASE DESIGN ELEVATION OF THE NEW STREET SECTION IMPROVEMENTS. RELOCATION OF THE UTILITIES SHALL BE COORDINATED WITH THE UTILITY COMPANY. THERE ARE EXISTING UNDERGROUND SANITARY SEWER, STORMWATER, TELEPHONE CABLE, WATER AND GAS PIPELINES, ALONG RICE STREET. THE CONTRACTOR SHALL POT-HOLE AND EXPOSE THE UTILITIES PRIOR TO THE EXCAVATION OF SUBGRADE ALONG THE NEW PAVEMENT STRUCTURAL SECTION. THE PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE SHALL OBSERVE THE UTILITIES PRIOR TO THE EXCAVATION OF THE ROADWAY. THE CONTRACTOR SHALL PREPARE HIS/HER PROPOSAL BASED ON THE ASSUMPTION THAT UNDERGROUND UTILITIES SHALL NOT BE REQUIRED TO BE RELOCATED BY THE CONTRACTOR.

THE CONTRACTOR SHALL USE LIGHT EQUIPMENT TO COMPLETE SUBGRADE EXCAVATION, GRADING AND COMPACTION WORK TO AVOID "PUMPING" OF THE NATIVE MATERIAL DUE TO THE HIGH GROUND WATER TABLE. IF PUMPING OCCURS THE CONTRACTOR SHALL IMMEDIATELY STOP EXCAVATION WORK AND CONTACT THE CITY OF BLYTHE PUBLIC WORKS DIRECTOR. THE CONTRACTOR SHALL BE REQUIRED TO USE A TRACKED HOE EXCAVATOR, BACKHOE, GRADER, OR SIMILAR EQUIPMENT TO COMPLETE THE EXCAVATION WORK AND ESTABLISH THE DESIGN FINISH GRADE. ADDITIONAL COMPENSATION WILL NOT BE GIVEN TO THE CONTRACTOR FOR THE USE OF TRACKED HOE, BACKHOE, GRADER, OR SIMILAR EQUIPMENT TO ESTABLISH THE ROADWAY SUBGRADE OR SUBBASE DESIGN GRADE IN THE AREAS WHERE PUMPING OCCURS. THE CONTRACTOR SHALL PREPARE HIS/HER BID BASED UPON THE UTILIZATION OF A TRACKED HOE, BACKHOE, GRADER, OR SIMILAR EQUIPMENT TO ESTABLISH THE ROADWAY SUBGRADE, SUBBASE AND FINISH GRADE ELEVATIONS.



CASE 1

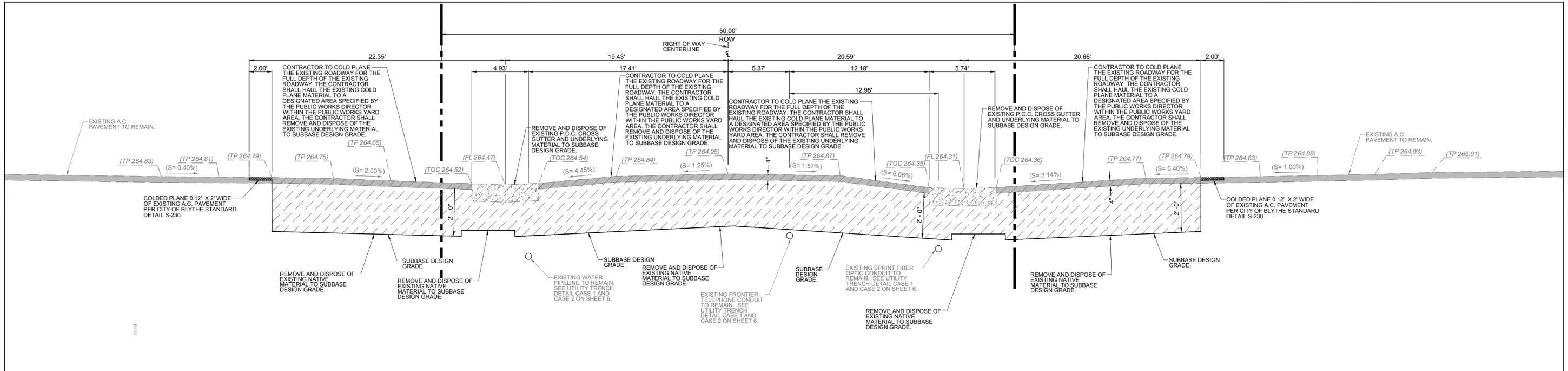


CASE 2

**UTILITY TRENCH DETAIL**

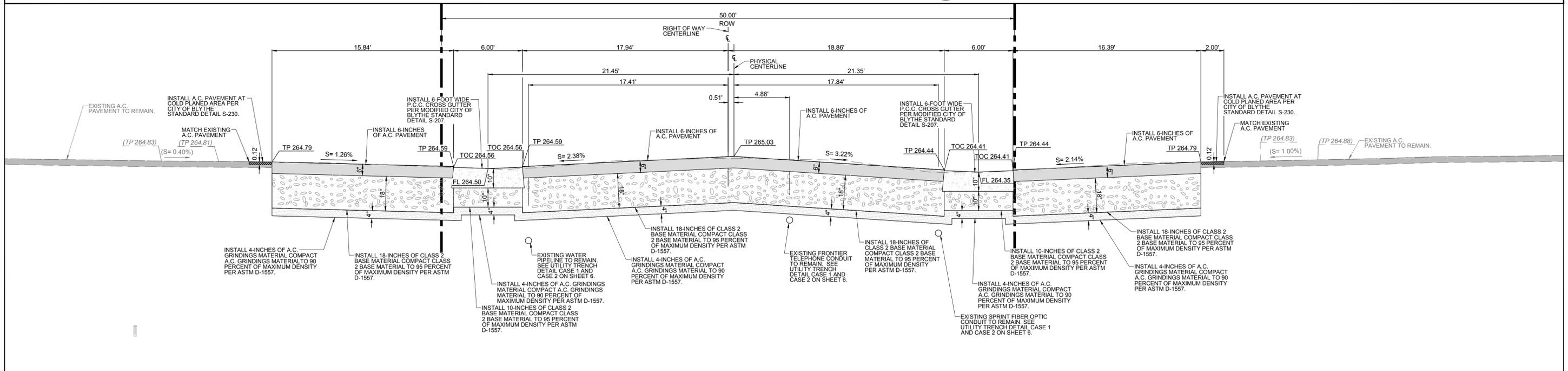
<p><b>The Holt Group</b> ENGINEERING PLANNING SURVEYING</p>		NO.	REVISIONS:	APPROVED	DATE	DESIGN BY: VG	BENCHMARK: CITY OF BLYTHE BENCHMARK 31		PREPARED UNDER THE DIRECT SUPERVISION OF:  ROBERT K. HOLT, P.E.	27943	<p><b>RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE</b></p>	SHEET 6
						DRAWN BY: A.G.	ELEVATION: EL= 265.915'		<p>CITY OF BLYTHE BENCHMARK NO. 31 CRISLEED SQUARE ON THE TOP OF THE EAST CURB AT THE BCR OF HOBSONWAY AND CARLTON AVE. EL 265.915</p>	<p>DATE: 11-2-15</p>		<p>REG. EXP. 03/31/16</p>
<p>201 E. Hobsonway Blythe, California 92225 (760) 922-4658 1601 N Imperial Avenue El Centro, California 92224 (760) 337-3883</p>		<p>UNAUTHORIZED CHANGES &amp; USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.</p>				CHECKED BY: VG / RKH					<p>LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE</p>	<p>JOB NO. 100.279</p>

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**DEMOLITION CROSS SECTION AT STATION 3+29.97E ALONG RICE STREET**  
 HORIZONTAL SCALE: 1" = 4'-0"  
 VERTICAL SCALE: 1" = 2'-0"

B-B  
6/7



**DESIGN CROSS SECTION AT STATION 3+29.97E ALONG RICE STREET**  
 HORIZONTAL SCALE: 1" = 4'-0"  
 VERTICAL SCALE: 1" = 2'-0"

B-B  
6/7

NOTE: CONTRACTOR SHALL "POT-HOLE" THE EXISTING UNDERGROUND UTILITIES WITHIN THE LIMITS OF CONSTRUCTION WITHIN FIVE (5) DAYS FROM THE ISSUANCE OF THE NOTICE TO PROCEED. THE CONTRACTOR SHALL COORDINATE THE "POT-HOLING" WITH THE UTILITY COMPANIES AND PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE. IT SHALL BE VERIFIED THAT THE EXISTING UTILITIES ARE LOCATED BELOW THE SUBBASE DESIGN ELEVATION OF THE NEW STREET SECTION IMPROVEMENTS. RELOCATION OF THE UTILITIES SHALL BE COORDINATED WITH THE UTILITY COMPANY. THERE ARE EXISTING UNDERGROUND SANITARY SEWER, STORMWATER, TELEPHONE CABLE, WATER AND GAS PIPELINES, ALONG RICE STREET. THE CONTRACTOR SHALL POT-HOLE AND EXPOSE THE UTILITIES PRIOR TO THE EXCAVATION OF SUBGRADE ALONG THE NEW PAVEMENT STRUCTURAL SECTION. THE PUBLIC WORKS DIRECTOR OR HIS REPRESENTATIVE SHALL OBSERVE THE UTILITIES PRIOR TO THE EXCAVATION OF THE ROADWAY. THE CONTRACTOR SHALL PREPARE HIS/HER PROPOSAL BASED ON THE ASSUMPTION THAT UNDERGROUND UTILITIES SHALL NOT BE REQUIRED TO BE RELOCATED BY THE CONTRACTOR.

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**The Holt Group**  
 ENGINEERING PLANNING SURVEYING

201 E. Hobsonway Blythe, California 92225 (760) 922-4658  
 1601 N Imperial Avenue El Centro, California 92224 (760) 337-3883

NO.	REVISIONS:	APPROVED	DATE

DESIGN BY:	BENCHMARK: CITY OF BLYTHE BENCHMARK	31
VG	ELEVATION: EL=265.915'	
DRAWN BY:	LOCATION:	
A.G.	CITY OF BLYTHE BENCHMARK NO. 31 CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE. EL 265.915	
CHECKED BY:	PREPARED UNDER THE DIRECT SUPERVISION OF:	
VG / RKH	ROBERT K. HOLT, P.E.	27943
	DATE	11-2-15
		03/31/16
		REG. EXP.

**RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE**

SHEET CONTENT: **CROSS SECTIONS**

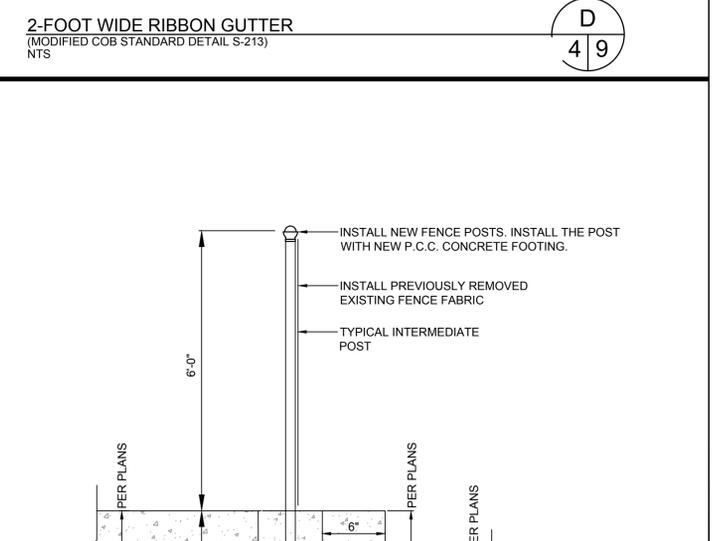
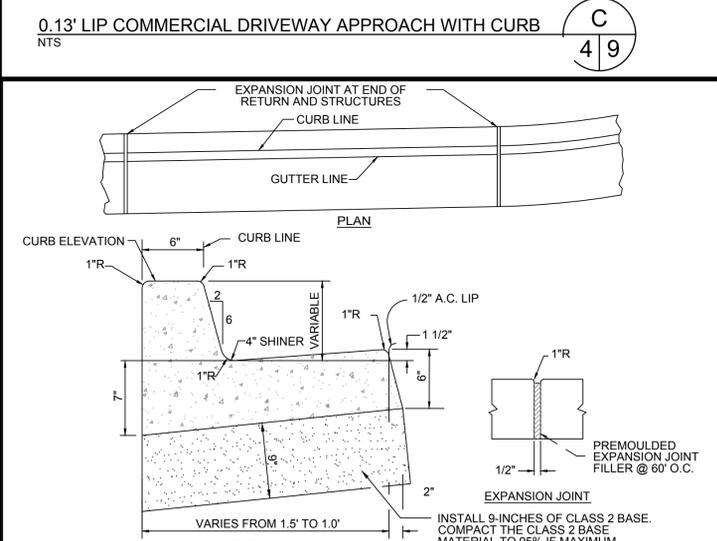
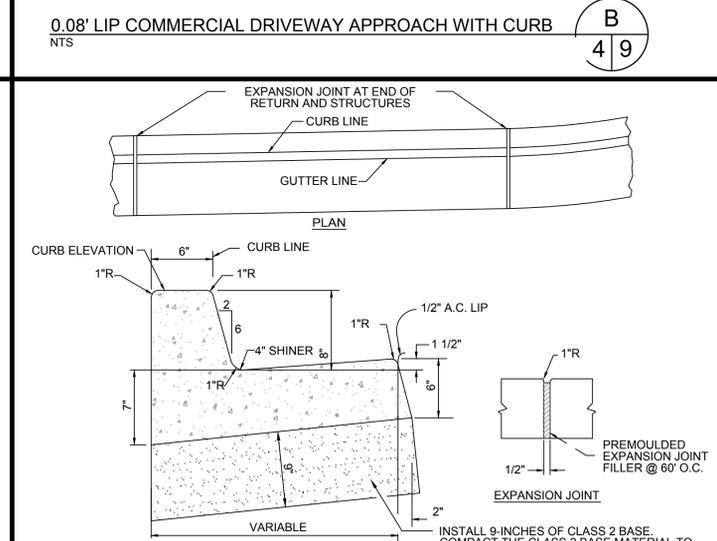
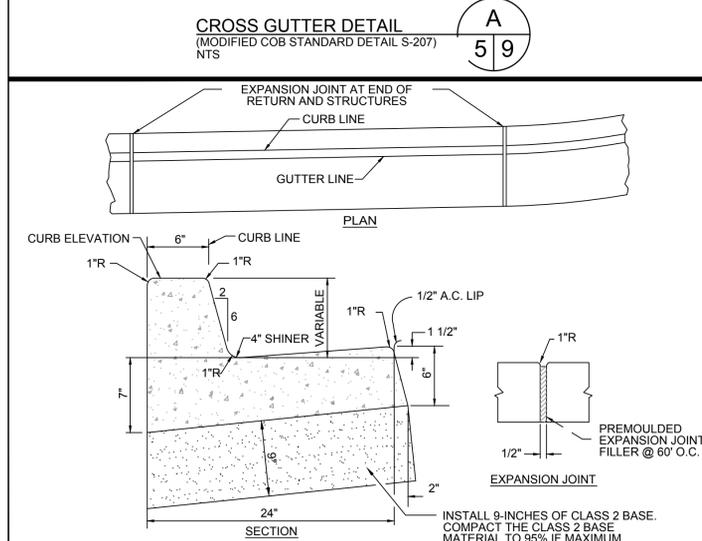
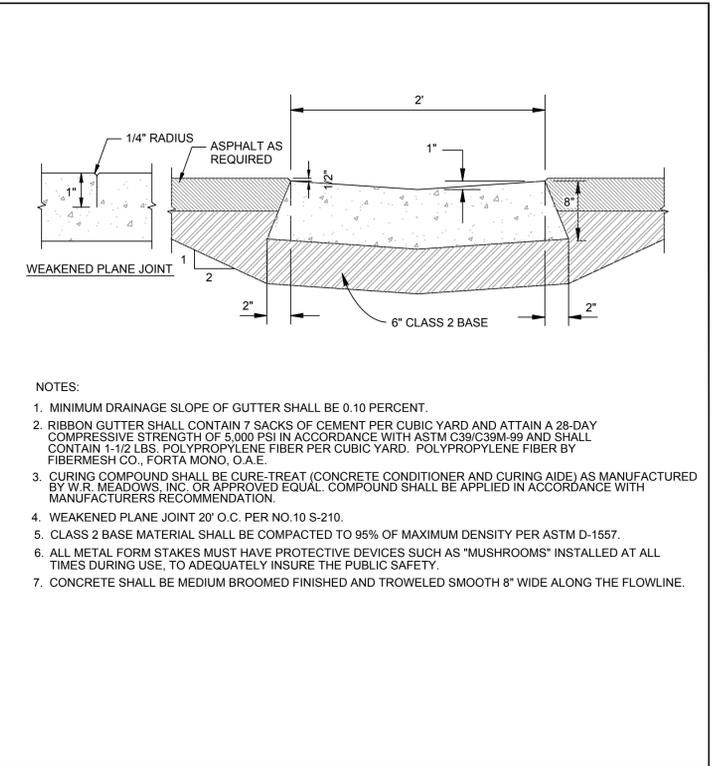
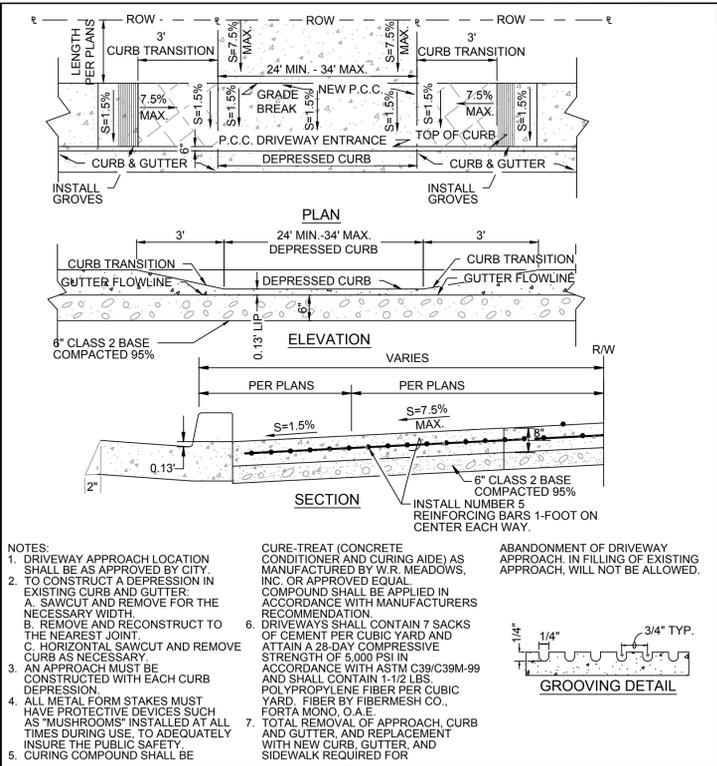
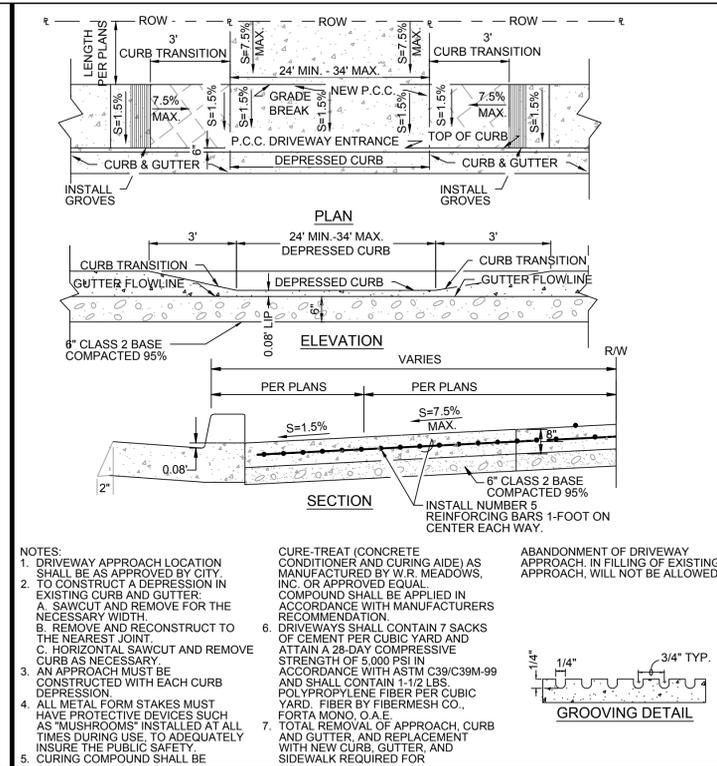
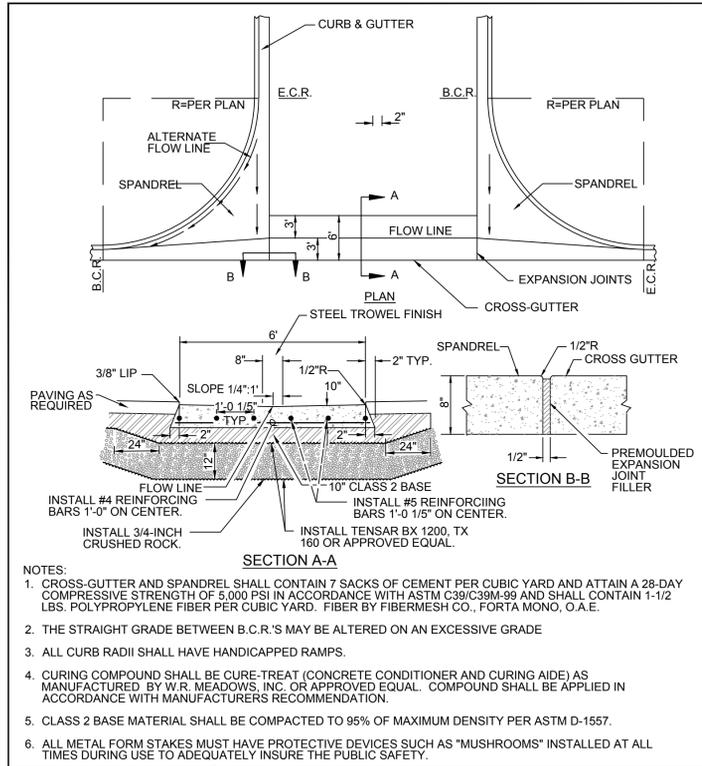
LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE



SHEET	7
OF 13 SHEETS	
JOB NO.	100.279

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**REVISIONS:**

NO.	REVISIONS:	APPROVED	DATE

**DESIGN BY:** VG  
**DRAWN BY:** A.G.  
**CHECKED BY:** VG / RKH

**DESIGN BY:** VG  
**DRAWN BY:** A.G.  
**CHECKED BY:** VG / RKH

**BENCHMARK:** CITY OF BLYTHE BENCHMARK 31  
**ELEVATION:** EL= 265.915'  
**LOCATION:** CITY OF BLYTHE BENCHMARK NO. 31 CRISSELL SQUARE ON THE TOP OF THE EAST CURB AT THE BCR OF HOBSONWAY AND CARLTON AVE. EL 265.915

**PREPARED UNDER THE DIRECT SUPERVISION OF:**  
ROBERT K. HOLT, P.E.  
DATE: 11-2-15

**PROJECT:** RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE  
**SHEET CONTENT:** DETAIL SHEET  
**LOCATION:** BLYTHE, CA. **CLIENT:** CITY OF BLYTHE

**SHEET 9 OF 13 SHEETS**  
**JOB NO. 100.279**

**The Holt Group**  
ENGINEERING PLANNING SURVEYING

201 E. Hobsonway Blythe, California 92225 (760) 922-4658  
1601 N Imperial Avenue El Centro, California 92224 (760) 337-3883

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.

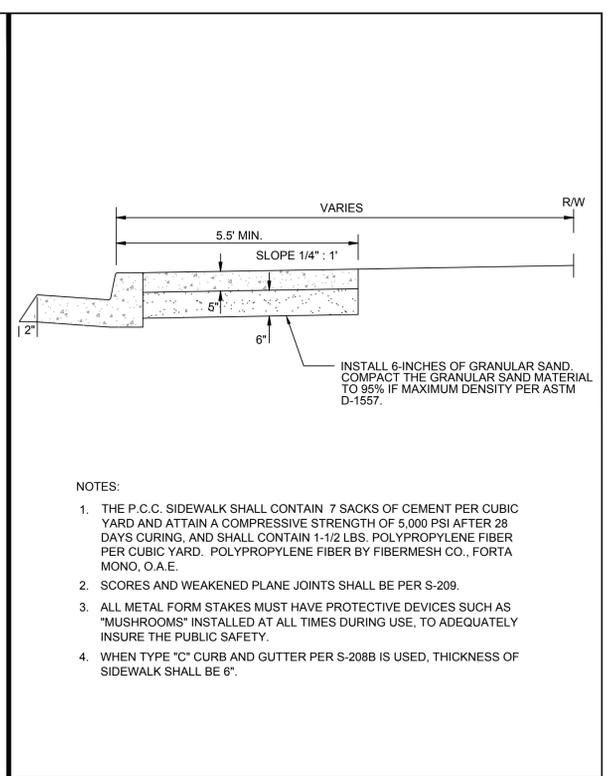
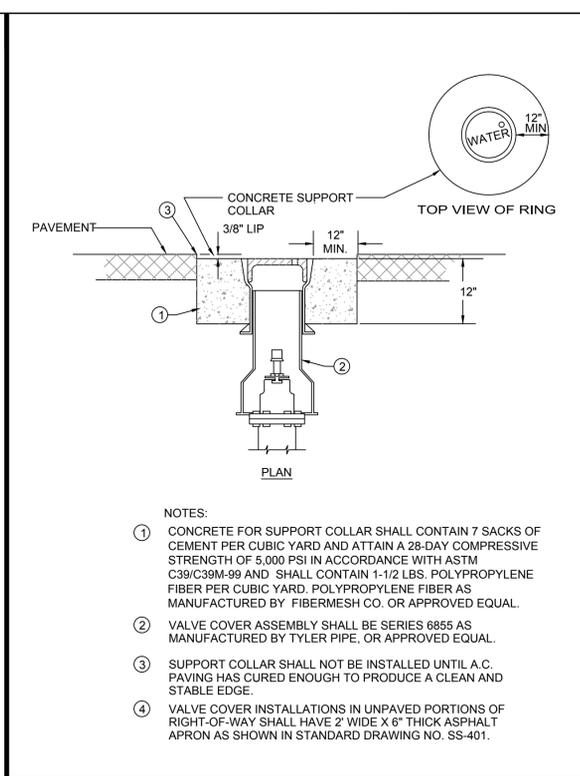
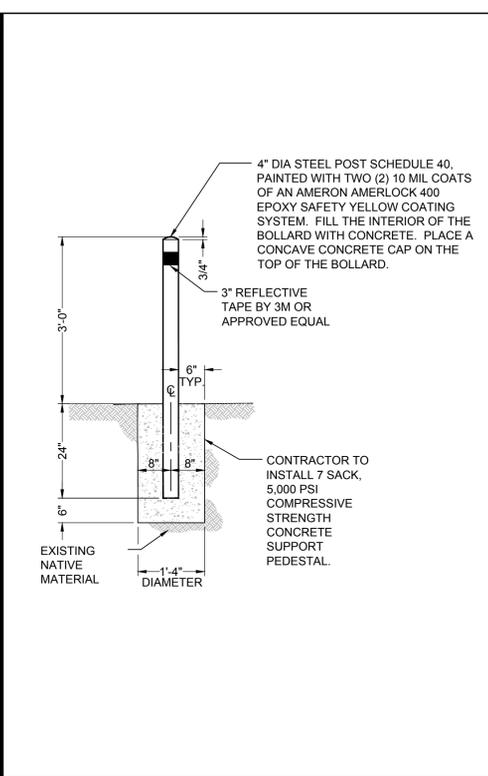
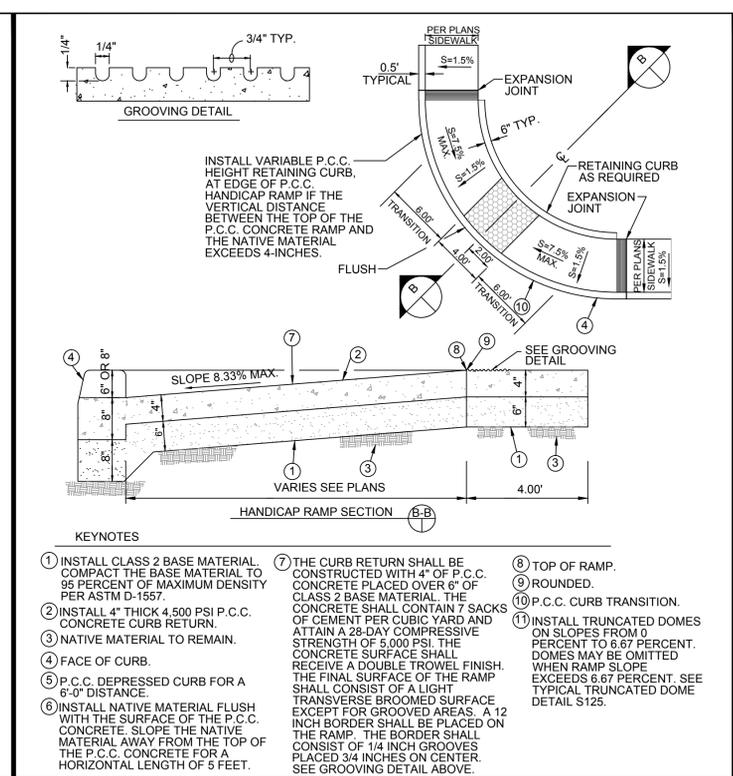
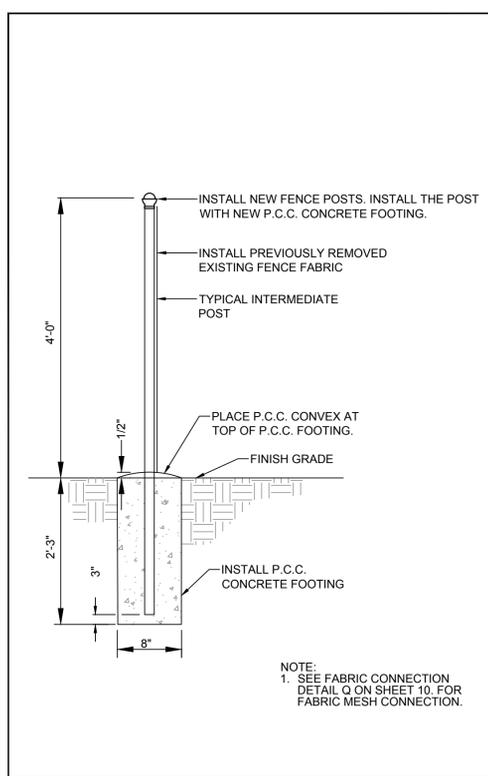
**PROFESSIONAL SEAL:** ROBERT K. HOLT, P.E., CIVIL ENGINEER, STATE OF CALIFORNIA, LICENSE NO. 45115

DATE: 11-2-15  
REG. EXP. 03/31/16

**PROJECT:** RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE  
**SHEET CONTENT:** DETAIL SHEET  
**LOCATION:** BLYTHE, CA. **CLIENT:** CITY OF BLYTHE

**SHEET 9 OF 13 SHEETS**  
**JOB NO. 100.279**

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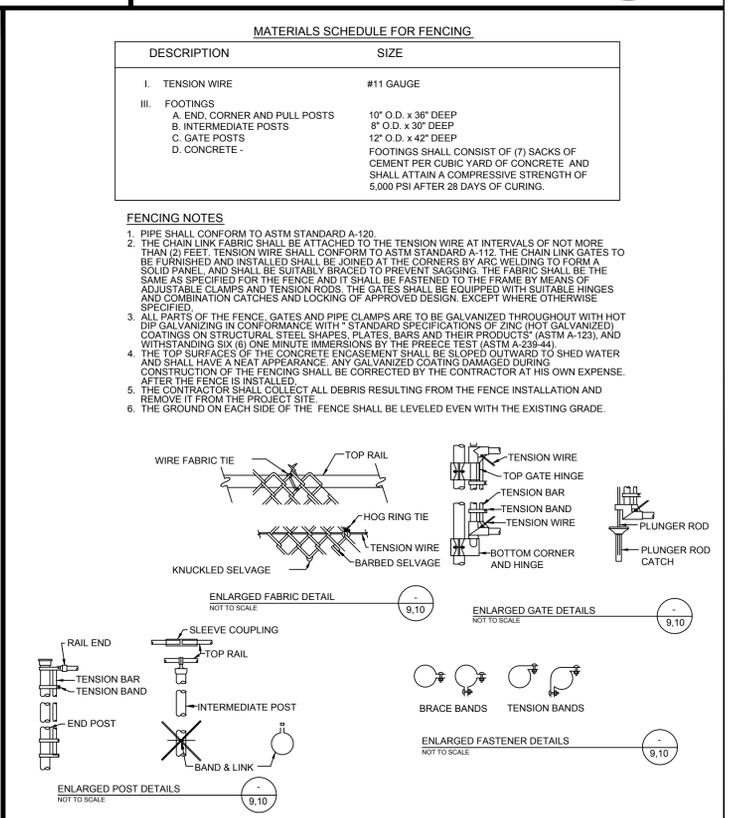
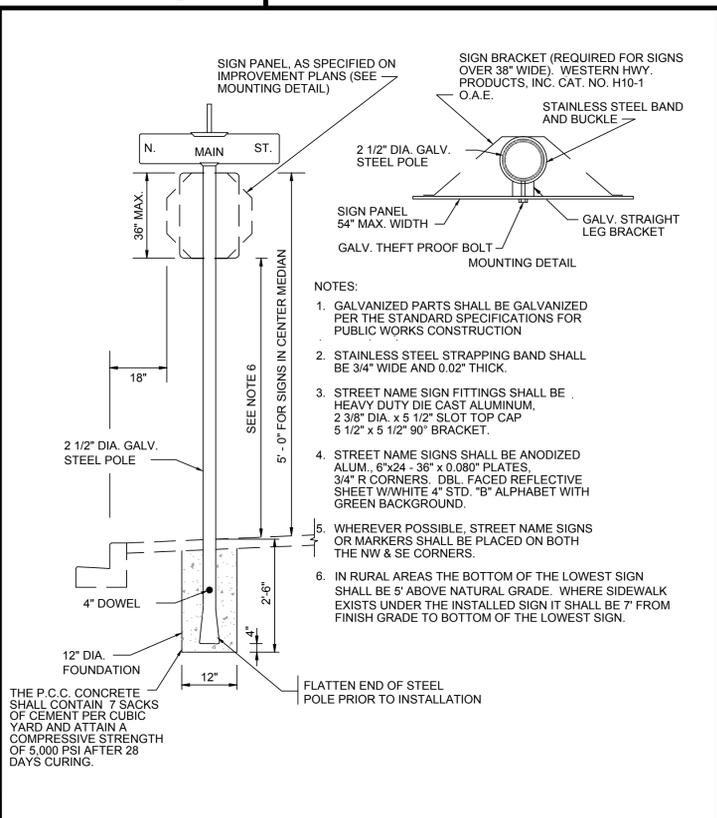
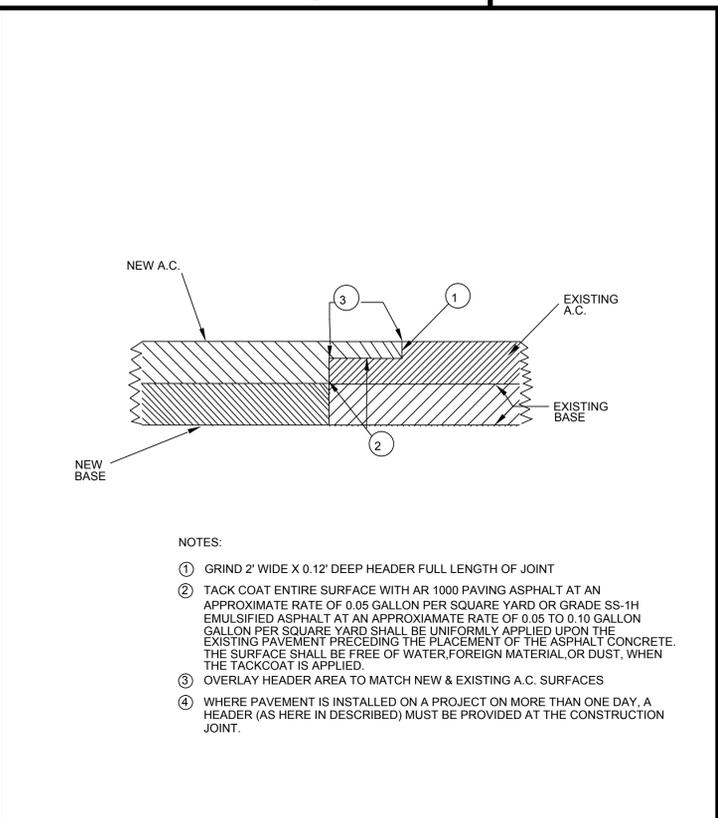
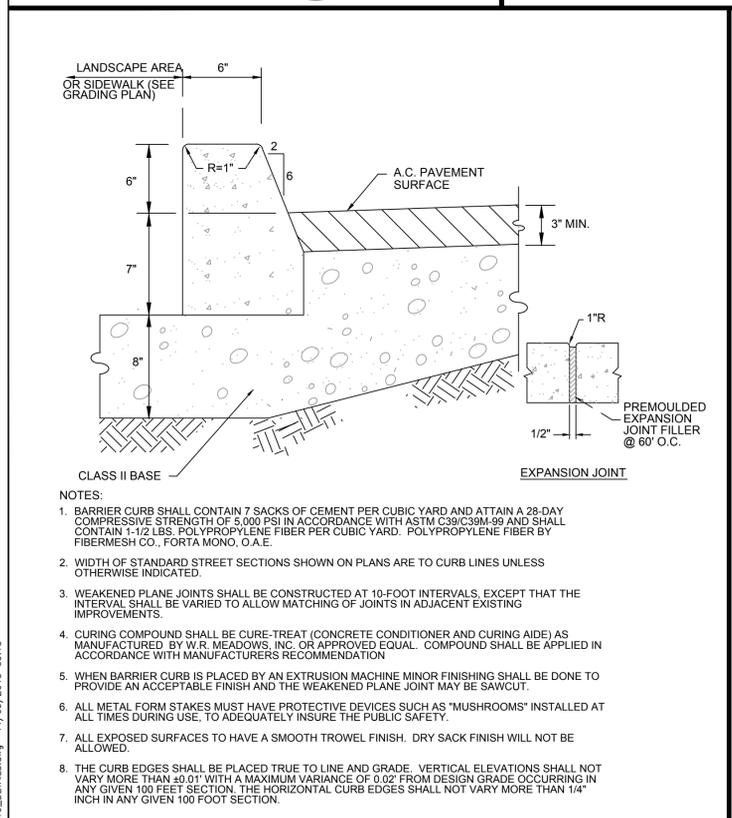
**4'-0" FENCE DETAIL**  
NTS

**ADA HANDICAP CURB DETAIL**  
NTS

**4-INCH DIAMETER BOLLARD DETAIL**  
NTS

**WATER OPERATOR WELL INSTALLATION DETAIL**  
(MODIFIED COB STANDARD DETAIL W-314)  
NTS

**SIDEWALK DETAIL**  
(MODIFIED COB STANDARD DETAIL S-206C)  
NTS



**BARRIER CURB DETAIL**  
(MODIFIED COB STANDARD DETAIL S-208C)  
NTS

**NEW CONSTRUCTION PAVEMENT EXTENSION JOINT DETAIL**  
(COB STANDARD DETAIL S-230)  
NTS

**STREET SIGN DETAIL**  
(MODIFIED COB STANDARD DETAIL S-227A)  
NTS

**FABRIC CONNECTION DETAIL**  
NTS

**FABRIC CONNECTION DETAIL**  
NTS

**The Holt Group**  
ENGINEERING PLANNING SURVEYING

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Blythe, California 92225  
El Centro, California 92224

(760) 922-4658  
(760) 337-3883

NO.	REVISIONS:	APPROVED	DATE	DESIGN BY:	BENCHMARK:
				VG	CITY OF BLYTHE BENCHMARK 31
				A.G.	ELEVATION: EL=265.915'
				CHECKED BY: VG / RKH	LOCATION: CITY OF BLYTHE BENCHMARK NO. 31 CRISSEL SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE. EL 265.915

PREPARED UNDER THE DIRECT SUPERVISION OF:

**ROBERT K. HOLT, P.E.**

11-2-15

DATE

**RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE**

SHEET CONTENT:

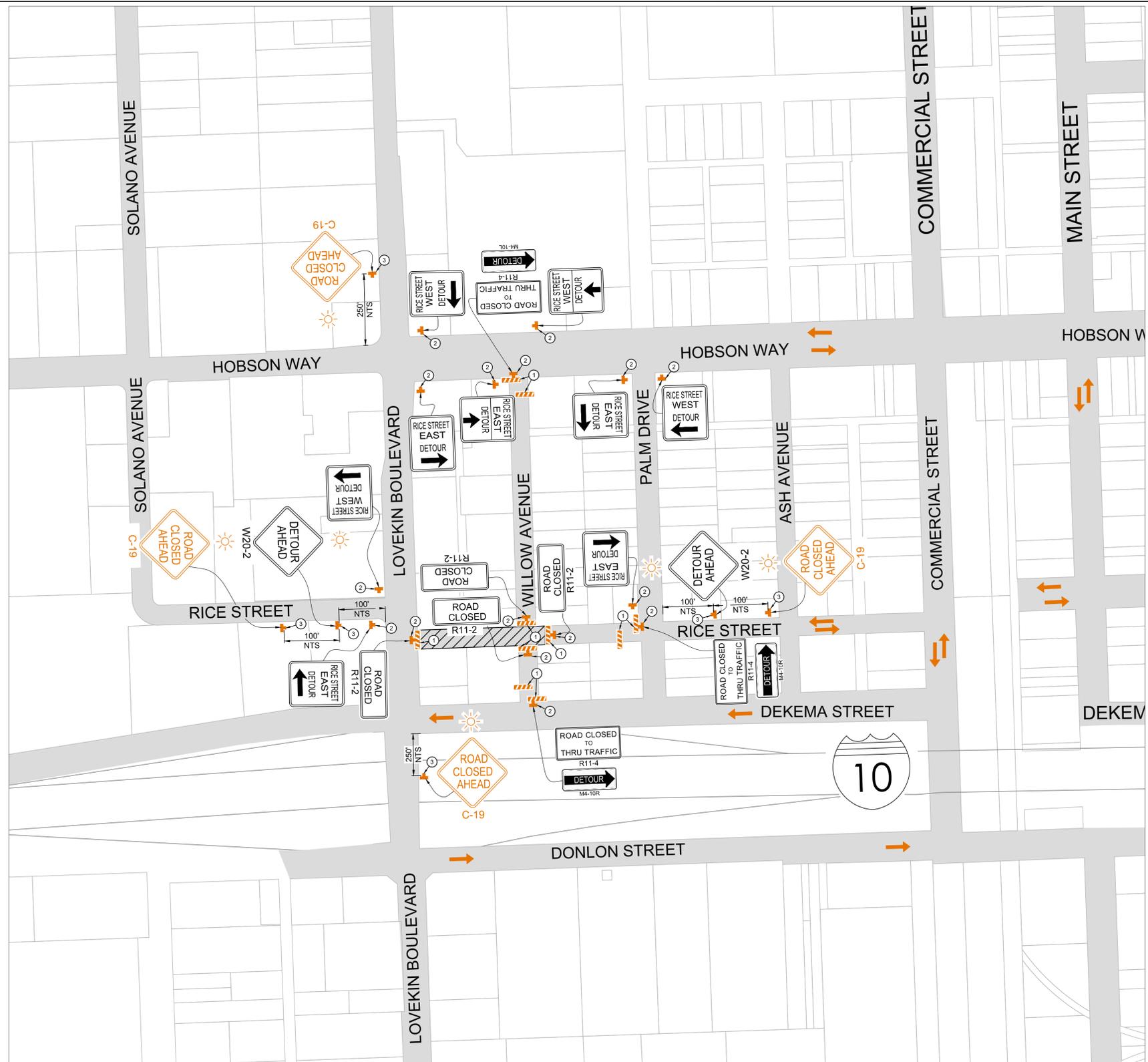
**DETAIL SHEET**

LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE

SHEET **10** OF **13** SHEETS

JOB NO. **100.279**

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**GENERAL TRAFFIC CONTROL NOTES:**

- ALL TRAFFIC CONTROL DEVICES FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) AND CA MUTCD SUPPLEMENT UNLESS SPECIFIED OTHERWISE.
- TRAFFIC CONTROL SHOWN HEREIN IS THE MINIMUM REQUIRED. ADDITIONAL TRAFFIC CONTROL MAY BE REQUIRED TO FACILITATE PUBLIC SAFETY AND TRAFFIC FLOW IF DEEMED NECESSARY BY THE CITY OF BLYTHE PUBLIC WORKS DEPARTMENT REPRESENTATIVE, RIVERSIDE COUNTY REPRESENTATIVE, OR THE RESIDENT ENGINEER. THESE CHANGES MAY BE DONE IN THE FIELD.
- TRAFFIC CONTROL DEVICES SHOWN ON PLANS ARE LOCATED APPROXIMATELY AND SHALL BE ADJUSTED AS REQUIRED TO MEET FIELD CONDITIONS. ALL SUCH CHANGES MADE DUE TO FIELD CONDITIONS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF CA MUTCD, CA MUTCD SUPPLEMENT, RIVERSIDE COUNTY STANDARDS AND CITY OF BLYTHE STANDARDS AND SPECIFICATIONS.
- THROUGHOUT EACH WORK PERIOD, CONTRACTOR SHALL INSPECT TRAFFIC CONTROL (SIGNS, BARRICADES AND DELINEATORS) AND MAINTAIN SAME IN ACCORDANCE WITH TRAFFIC CONTROL PLANS.
- ACCESS TO PRIVATE PROPERTY SHALL BE MAINTAINED AT ALL TIMES.
- ALL SIGNS SHALL BE HIGH INTENSITY REFLECTIVE. ALL TRAFFIC CONTROL DEVICES SHALL BE REFLECTIVE. FLASHING LIGHTS ARE OPTIONAL.
- THE INTENSITY AND DISTRIBUTION OF LIGHT FROM EACH ILLUMINATED SIGNAL LENS SHOULD CONFORM TO THE CURRENT "STANDARDS FOR VEHICLE TRAFFIC CONTROL SIGNAL HEADS" AND "TRAFFIC SIGNAL LAMPS" (SECTION 1A.11 OF LATEST VERSION OF CA MUTCD). IF A SIGNAL INDICATION IS OPERATED IN THE FLASHING MODE FOR NIGHTTIME OPERATION AND THE SIGNAL INDICATION IS SO BRIGHT AS TO CAUSE EXCESSIVE GLARE, SOME FORM OF AUTOMATIC DIMMING SHOULD BE USED TO REDUCE THE BRILLIANCE OF THE SIGNAL INDICATION.
- REFER TO THE LATEST REVISION OF CA MUTCD REGARDING THE NOTES FOR EACH TYPICAL APPLICATION CALLED OUT ON THIS PLAN.
- CONTRACTOR SHALL INSPECT TRAFFIC CONTROL AT THE BEGINNING AND AT THE END OF EACH WORKING DAY TO ENSURE COMPLIANCE WITH THESE PLANS.
- CONTRACTOR SHALL INSTALL ADA COMPLIANT TEMPORARY RAMPS BETWEEN THE EDGE OF THE EXISTING CURB RETURN/ HANDICAP RAMP AND EXCAVATED SURFACE AT THE END OF EACH WORK DAY.
- CONTRACTOR SHALL INSTALL CLASS 2 BASE UP TO FINISHED GRADE ELEVATION AFTER SAWCUT AND REMOVAL OF EXISTING A.C. BARRIER CURB / A.C. PAVEMENT SECTION / P.C.C. SIDEWALK. PRIOR TO OPENING THE LANE TO TRAFFIC CONTRACTOR SHALL PLACE CLASS 2 BASE FROM THE EXISTING EDGE OF PAVEMENT TO THE EDGE OF THE SAWCUT AREA AT A SLOPE NO STEEPER THAN 6:1.
- NO STREET PARKING SHALL BE ALLOWED ALONG BROADWAY WITHIN THE CONSTRUCTION ZONES DURING THE PROJECT CONSTRUCTION PERIOD. CONTRACTOR SHALL INSTALL NO PARKING SIGNS (R8-3A) AT ALL REQUIRED AREAS AT LEAST ONE WEEK PRIOR TO BEGINNING OF CONSTRUCTION.
- CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC CONTROL DEVICES ACCORDING TO TYPICAL APPLICATION CA MUTCD 2014, FIGURE 6H-29 (TA-29); CROSSWALK CLOSURES AND PEDESTRIAN DETOURS IF REQUIRED TO PROVIDE TEMPORARY PEDESTRIAN ACCESS AT ALL INTERSECTIONS AFFECTED BY THE PROPOSED CONSTRUCTION ACTIVITIES. IF NECESSARY CONTRACTOR SHALL PROVIDE FLAG PERSONNEL FOR ADDITIONAL TRAFFIC CONTROL AS NEEDED.
- IF A PORTION OF THE CONSTRUCTION AREA MUST REMAIN OPEN AT THE END OF EACH WORK DAY, EACH EXPOSED SECTION MUST BE COMPLETELY FILLED WITH CLASS 2 BASE MATERIAL AND SURROUNDED WITH BARRICADES AND TAPE OR AS APPROVED BY THE CITY ENGINEER.
- ALL ADJACENT BUSINESSES, RESIDENCES, SCHOOLS AND CHURCHES SHALL BE DULY NOTIFIED BY THE CONTRACTOR, IN WRITING, OF HIS PROPOSED OPERATIONS. NOTICE SHALL BE DELIVERED AT LEAST TWO (2) WORKING WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPRODUCTION OF NOTIFICATION LETTERS. THE NOTIFICATION LETTERS SHALL BE WRITTEN IN ENGLISH AND SPANISH LANGUAGES. RE-NOTIFICATION WILL BE REQUIRED IF THE CONTRACTOR'S SCHEDULE IS ALTERED OR OTHER DELAYS OCCUR WHICH AFFECT THE PROJECT SCHEDULE.
- IF CONSTRUCTION OCCURS DURING THE SCHOOL YEAR, CONTRACTOR SHALL NOTIFY IN WRITING TO THE CITY OF BLYTHE SCHOOL DISTRICT OF THE PROPOSED ROAD CLOSURES AT LEAST TWO (2) WORKING WEEKS PRIOR TO START OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL COORDINATE WITH THE SCHOOL DISTRICT ANY ADDITIONAL TRAFFIC CONTROL THAT MAY BE REQUIRED FOR SCHOOL BOUND PEDESTRIAN AND VEHICULAR TRAFFIC.
- THE CONTRACTOR SHALL MAKE ACCOMMODATIONS TO ALLOW REGULARLY SCHEDULED SOLID WASTE DISPOSAL PICK UP ALONG THE AFFECTED STREET SECTIONS DURING THE PROJECT CONSTRUCTION PERIOD.
- CONTRACTOR SHALL COVER EXISTING TRAFFIC SIGNS, TRAFFIC SIGNALS, OR PEDESTRIAN SIGNAL INDICATIONS SHOULD SAID CONTROL'S CONFLICT WITH TEMPORARY TRAFFIC CONTROL PLAN OR AS DIRECTED BY THE CITY OF BLYTHE.
- WHENEVER THE WORK CAUSES OBLITERATION OF PAVEMENT DELINEATION, TEMPORARY OR PERMANENT PAVEMENT DELINEATION SHALL BE IN PLACE PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC. LANE LINES AND CENTERLINE PAVEMENT DELINEATION SHALL BE PROVIDED AT ALL TIMES FOR TRAVELED WAYS OPEN TO THE PUBLIC TRAFFIC.
- CONTRACTOR SHALL REPLACE/REPAIR ANY AND ALL STRIPING, PAVEMENT MARKINGS, RAISED PAVEMENT MARKERS, AND CURB PAINT DISRUPTED OR REMOVED DURING THE CONSTRUCTION TO THE SATISFACTION OF THE CITY ENGINEER.
- ALL ADVANCED WARNING SIGNS SHALL BE EQUIPPED WITH FLAGS FLASHING YELLOW BEACONS. TYPE-B SHALL BE USED ON ALL W20-1, W20-2, C-19 SIGNS AND ON ALL TYPE-III AND TYPE-II BARRICADES GUARDING THE WORK AREA OVERNIGHT.

\*\* LATEST VERSION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) IS CA MUTCD 2014 \*\*  
 \*\*\* A COPY OF CA MUTCD 2014 CAN BE OBTAINED FROM  
["HTTP://WWW.DOT.CA.GOV/HQ/TRAFFOPS/SIGNECH/MUTCDSUPP/CA\\_MUTCD2014.HTM"](http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/ca_mutcd2014.htm) \*\*\*

**TRAFFIC CONTROL LEGEND**

ITEM NO.	ITEM DESCRIPTION	ITEM
1.	TYPE III BARRICADE	
2.	WARNING/REGULATORY SIGN	
3.	WARNING LIGHT	
4.	WORK AREA	



**TRAFFIC CONTROL KEYNOTES:**

- INSTALL TYPE III BARRICADE WITH WARNING LIGHTS AS ILLUSTRATED ON PLANS.
- INSTALL WARNING/REGULATORY SIGN AS ILLUSTRATED ON THE PLAN.
- INSTALL WARNING/REGULATORY SIGN WITH WARNING LIGHT AS ILLUSTRATED ON THE PLAN.

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NO.	REVISIONS:	APPROVED	DATE

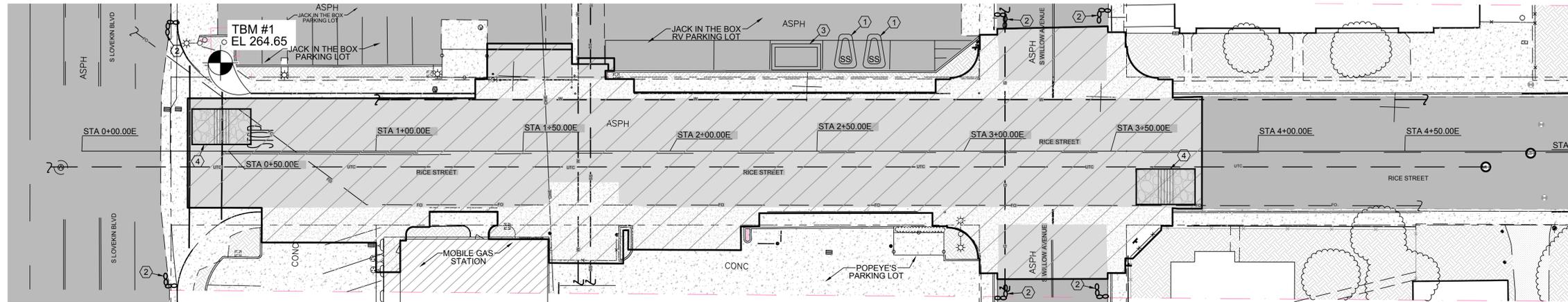
DESIGN BY: VG	BENCHMARK: CITY OF BLYTHE BENCHMARK 31
DRAWN BY: A.G.	ELEVATION: EL= 265.915'
CHECKED BY: VG / RKH	LOCATION: CITY OF BLYTHE BENCHMARK NO. 31 CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE BCR OF HOBSONWAY AND CARLTON AVE. EL 265.915



PREPARED UNDER THE DIRECT SUPERVISION OF:  ROBERT K. HOLT, P.E.	27943 R.C.E. NO.
DATE 11-2-15	REG. EXP. 03/31/16

<b>RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE</b>		SHEET <b>11</b>
SHEET CONTENT: <b>TRAFFIC CONTROL PLAN</b>		OF <b>13</b> SHEETS
LOCATION: BLYTHE, CA.	CLIENT: CITY OF BLYTHE	JOB NO. 100.279

UNAUTHORIZED CHANGES & USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.



**GENERAL EROSION CONTROL NOTES:**

1. EROSION CONTROL PLAN INCLUDES ALL POSSIBLE BMPs FOR THE CONSTRUCTION OF THIS PROJECT. CONTRACTOR SHALL APPLY APPROPRIATE BMPs FOR EACH PHASE OF CONSTRUCTION.
2. STREET SWEEPING (DURING MASS GRADING ACTIVITIES, STREETS WILL BE SWEEPED AS NECESSARY TO PREVENT DIRT AND DUST FROM LEAVING THE CONSTRUCTION AREA).
3. CONTRACTOR SHALL PROVIDE ADEQUATE DUST SUPPRESSION TO MEET ALL CITY OF BLYTHE/ COUNTY OF RIVERSIDE AIR POLLUTION CONTROL DISTRICT REQUIREMENTS INCLUDING ALL DETOUR SIDE ROADS.
4. ALL BEST MANAGEMENT PRACTICES SHALL MEET THE REQUIREMENTS OF THE LATEST VERSION OF CASQA STORMWATER BEST MANAGEMENT PRACTICE HANDBOOK.
5. SITE DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES.
6. NO SITE CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
7. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCE THAT APPLY.
8. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
9. DRAIN INLET PROTECTION SHALL BE PROVIDED THROUGHOUT THE DURATION OF THE PROJECT. EXISTING DRAIN INLETS SHALL BE PROTECTED UNTIL FINAL REMOVAL AND THE CONNECTING PIPE SHALL BE PROPERLY CAPPED TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION ON ANY EXPOSED AREAS WHEN THE PROJECT IS COMPLETE.
11. THE CITY OF BLYTHE SHALL AFFORD THE CONTRACTOR AN AREA WITHIN PUBLIC WORKS COMPOUND OR WITHIN PROJECT LIMITS FOR STORAGE OF MATERIALS AND STAGING OF CONSTRUCTION APPLICATIONS.

**BMP KEYNOTES**

- ① CONTRACTOR SHALL LOCATE THE PORTABLE RESTROOM FACILITIES TO A LOCATION APPROVED BY THE ENGINEER. SEE DETAIL A FOR TYPICAL STAGING AREA PER DETAIL A ON SHEET 13.
- ② INSTALL TWO (2) LAYER GRAVEL-FILLED BAGS AT AND ALONG THE DOWNSTREAM LOCATIONS OF THE EXISTING/NEW CONCRETE STORMWATER CONVEYANCE FACILITIES AND ALONG THE LIMITS OF CONSTRUCTION ALONG RICE STREET. SEE DETAIL B ON SHEET 13.
- ③ INSTALL PORTABLE CONCRETE WASHOUT AREA PER CALIFORNIA BMP HANDBOOK WM-8 DETAILS. SEE DETAIL C ON SHEET 13.
- ④ INSTALL CONSTRUCTION ENTRANCE PER DETAIL D ON SHEET 13.

**LEGEND**

- 1 PORTABLE TOILET
- 2 GRAVEL BAGS
- 3 CONCRETE WASHOUT AREA
- 4 WORK AREA

**TEMPORARY CONSTRUCTION SITE BMPs**

BMP NO.	ITEM	NOTES/ COMMENT
-	CONSTRUCTION SITE AND BMP MANAGEMENT	SITE MANAGEMENT INCLUDES, BUT IS NOT LIMITED TO TC-1, TC-3, WM-5, WM-6, WM-8 AND WM-9. REFER TO LATEST VERSION OF CASQA STORMWATER BMP HANDBOOK.
-	STREET SWEEPING	STREET SWEEPING SHALL BE PERFORMED DAILY AS NECESSARY TO ENSURE TRAVELED WAYS ARE FREE OF DIRT.
-	TEMPORARY RESTROOM FACILITIES	THE RESTROOM FACILITIES SHALL BE SECURED FROM OVERTURNING IN HIGH WIND CONDITIONS
WE-1	WIND EROSION CONTROL	MAINTAIN DUST CONTROL THROUGHOUT THE ENTIRE SITE FOR THE DURATION OF THE PROJECT. WATER TRUCKS, OR EQUIVALENT BMP SHALL BE USED FOR DUST SUPPRESSION.



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NO.	REVISIONS:	APPROVED	DATE

DESIGN BY: VG	BENCHMARK: CITY OF BLYTHE BENCHMARK 31
DRAWN BY: A.G.	ELEVATION: EL=265.915'
CHECKED BY: VG / RKH	LOCATION: CITY OF BLYTHE BENCHMARK NO. 31 CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE. EL 265.915

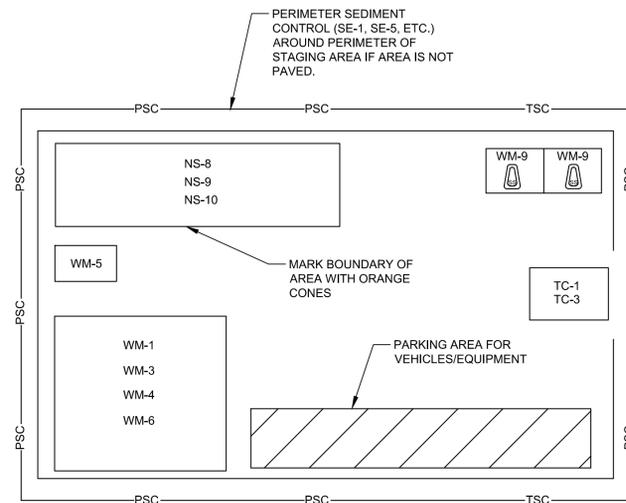


PREPARED UNDER THE DIRECT SUPERVISION OF: <i>Robert K. Holt</i> ROBERT K. HOLT, P.E.	27943 R.C.E. NO.
11-2-15 DATE	03/31/16 REG. EXP.

<b>RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE</b>	
SHEET CONTENT: <b>EROSION CONTROL PLAN</b>	
LOCATION: BLYTHE, CA.	CLIENT: CITY OF BLYTHE

SHEET <b>12</b>
OF <b>13</b> SHEETS
JOB NO. <b>100.279</b>

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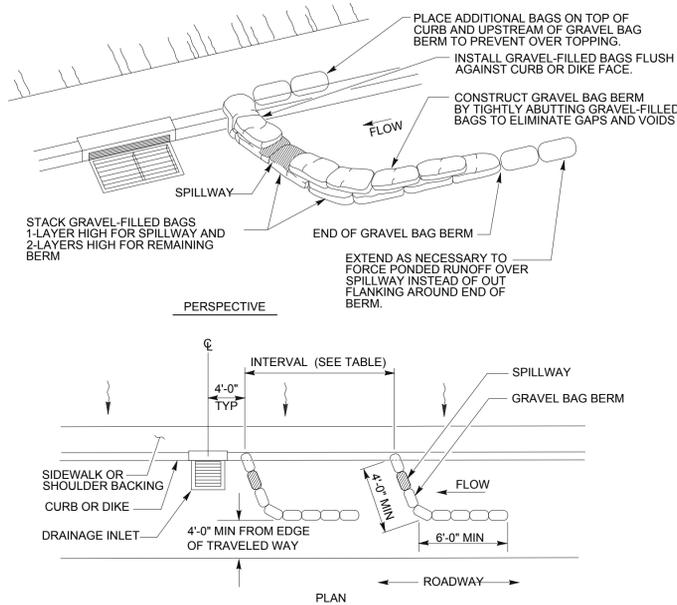
**LEGEND**

- SE-1 SILT FENCING
- SE-5 FIBER ROLLS
- NS-8 VEHICLE AND EQUIPMENT CLEANING
- NS-9 VEHICLE AND EQUIPMENT FUELING
- NS-10 VEHICLE AND EQUIPMENT MAINTENANCE
- WM-1 MATERIAL STORAGE AREA
- WM-3 STOCKPILE MANAGEMENT
- WM-4 SPILL PREVENTION AND CONTROL
- WM-5 SOLID WASTE MANAGEMENT
- WM-6 HAZARDOUS WASTE MANAGEMENT
- WM-9 SANITARY/SEPIC WASTE MANAGEMENT
- TC-1 STABILIZED CONSTRUCTION ENTRANCE/EXIT
- TC-3 TEMPORARY ENTRANCE/OUTLET TIRE WASH
- WE-1 WIND EROSION CONTROL (TO BE IMPLEMENTED FOR UNPAVED/NATIVE AREAS STOCKPILE MANAGEMENT)

**TYPICAL STAGING AREA LAYOUT**

**NOTES:**

- CONTRACTOR SHALL ADJUST THE LAYOUT OF STAGING AREA BASED ON PROJECT SITE CONDITIONS AS NECESSARY.
- CONTRACTOR SHALL IMPLEMENT PERIMETER SEDIMENT CONTROL FOR STAGING AREA BASED ON PROJECT SITE CONDITIONS UPON THE APPROVAL OF THE RESIDENT ENGINEER.

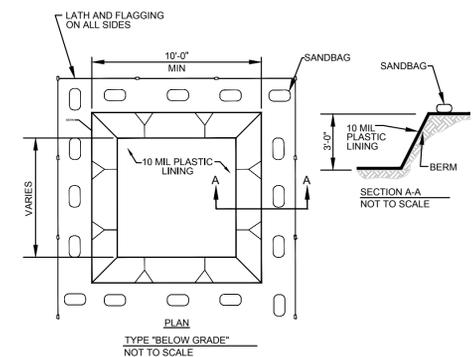


TEMPORARY DRAINAGE  
INLET PROTECTION (TYPE 3A)  
(GRAVEL BAG BERM)

GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent

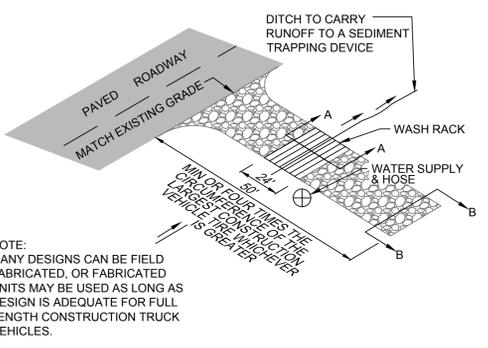
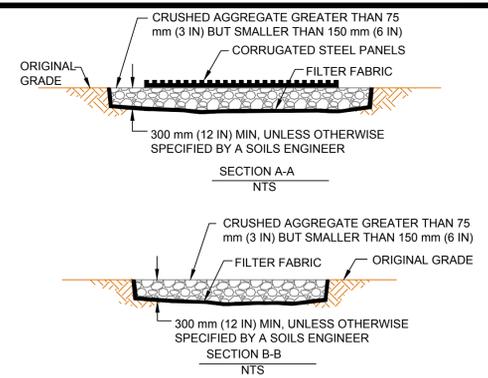


NOTE: CONTRACTOR SHALL USE A TEMPORARY WASHOUT AREA AT AREAS WHERE A PERMANENT CONCRETE WASHOUT IS NOT ALLOWED.

**TYPICAL STAGING AREA - DETAIL A**  
NOT TO SCALE

**GRAVEL BAG DETAIL - DETAIL B**  
NOT TO SCALE

**CONCRETE WASHOUT AREA - DETAIL C**  
NOT TO SCALE



**CONSTRUCTION ENTRANCE - DETAIL D**  
NOT TO SCALE

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<p><b>The Holt Group</b> ENGINEERING PLANNING SURVEYING</p>		NO.	REVISIONS:	APPROVED	DATE	DESIGN BY: VG	BENCHMARK: CITY OF BLYTHE BENCHMARK 31		PREPARED UNDER THE DIRECT SUPERVISION OF:	<p><b>RICE STREET IMPROVEMENT PROJECT FROM LOVEKIN BOULEVARD TO WILLOW AVENUE</b></p> <p>SHEET CONTENT: <b>EROSION CONTROL DETAIL SHEET</b></p>	<p><b>SHEET 13</b></p> <p>OF 13 SHEETS</p>				
		DRAWN BY: A.G.	ELEVATION: EL=265.915'	ROBERT K. HOLT, P.E.	R.C.E. NO. 27943	<p><b>13</b></p> <p>OF 13 SHEETS</p>									
<p>201 E. Hobsonway Blythe, California 92225 (760) 922-4658 1601 N Imperial Avenue El Centro, California 92224 (760) 337-3883</p>		<p>UNAUTHORIZED CHANGES &amp; USES: The engineer preparing these plans will not be responsible for, or liable for, unauthorized changes to or uses of these plans. All changes to the plans must be in writing and must be approved by the preparer of these plans.</p>		<p>CHECKED BY: VG / RKH</p>		<p>LOCATION: CITY OF BLYTHE BENCHMARK NO. 31 CHISELED SQUARE ON THE TOP OF THE EAST CURB AT THE COR OF HOBSONWAY AND CARLTON AVE. EL 265.915</p>		<p>DATE: 11-2-15</p>		<p>REG. EXP. 03/31/16</p>		<p>LOCATION: BLYTHE, CA. CLIENT: CITY OF BLYTHE</p>		<p>JOB NO. 100.279</p>	