

EAST BARNARD STREET REHABILITATION PROJECT FROM NORTH SECOND STREET TO BIRCH STREET

ROAD CONSTRUCTION GENERAL NOTES

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 AMIR ENGINEERING 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 (R/W). 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 R/W. 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 FLOW-LINE 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 73-1.05 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 RE-INSPECTION.
- SUB-GRADE 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. SUB-GRADE 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 MINIMUM DIAMETER CORES MAY BE REQUIRED 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 COMPACTION TESTS PER BLOCK OF STREET SHALL BE APPROVED AT THE CONTRACTOR'S EXPENSE, AT THE DISCRETION OF THE CITY, TO VERIFY COMPACTION OF: NATIVE SUB-GRADE, AGGREGATE BASE COURSE, EACH UTILITY TRENCH AND CURB AND GUTTER SUB-GRADE.
- 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 OF ASPHALTIC CONCRETE WORK SHALL BE SUBMITTED TO THE CITY OF BLYTHE FOR APPROVAL 2 WEEKS PRIOR TO USE ON THE PROJECT.
- ALL ASPHALT CONCRETE GREATER THAN 3 INCHES OR GREATER 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 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" MEDIUM-MAXIMUM TO 3/8" MAX., TYPE A, B, OR OPEN GRADED AGGREGATE BLENDED WITH EITHER AR 4000, OR AR 8000 STEAM REFINED PAVING ASPHALTS, AS DEFINED IN SECTION 92, "ASPHALTS" AND SECTION 39 "ASPHALT CONCRETE". AR 8000 VISCOSITY GRADE ASPHALT IS RECOMMENDED FOR PARKING LOT CONSTRUCTION.
- HOT MIXED ASPHALT ONLY WILL BE PLACED WITHIN THE CITY OF BLYTHE WITH A FLOATING, HEATED EXISTING UTILITIES. LAY-DOWN 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 39-5.02 AND 39-6.03, CALTRANS STANDARD SPECIFICATIONS. COMPACTION OF ASPHALT PAVEMENT SHALL BE 95% MINIMUM AS DETERMINED BY ASTM 50 BLOW MARSHAL TEST. PRIME COAT FOR BASE AND FOR 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" PLANS AND THE DEVELOPER SHALL CAUSE THE DESIGN ENGINEER TO RECORD ALL CHANGES ON THE ORIGINAL PLANS PRIOR TO FURNISHING THEM TO THE CITY. 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.

NOTE:

- UNAUTHORIZED CHANGES & USES: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USE OF THESE PLANS, ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
- CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL 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 DESIGN PROFESSIONAL.

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 (R/W). 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 R/W. 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 LANDMARK (LCI REPORT NO. LP15094, DATED SEPTEMBER 1, 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 CRAWLED 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 REINSPECTION 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, 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 WORKMEN'S 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 WORKMEN'S 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 AGENT'S 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 SERVICES, 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.

ENGINEERING

- ANY QUESTIONS RAISED RELATIVE TO THE ACCURACY OF IMPROVEMENTS 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 PART 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 HIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, AND THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND 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 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 UNDER GROUND 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 THE UTILITY LINES SHOWN HEREON AND ANY OTHERS NOT OF RECORD OR NOT SHOWN ON THESE PLANS. ALL DAMAGES THERETO CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE APPROPRIATE SPECIFICATIONS AND AT THE EXPENSE OF THE CONTRACTOR.
- IT IS THE CONTRACTOR'S 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 TO BE DONE 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) 318-7424. 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, MAY 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 LANDMARK (LCI REPORT NO. LP15094, DATED SEPTEMBER 1, 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 TEST 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 REMOVAL, ADJUSTING WATER BLOW-OFFS AND WATER FACILITIES TO GRADE, OR ANY OTHER UTILITY ADJUSTMENTS.
- IT SHALL BE THE CONTRACTOR'S 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).

UTILITY PURVEYORS

SO CAL GAS TRANSMISSION CO"
THE GAS COMPANY
13100 W. 14TH AVE.
BLYTHE, CA. 92225
CONTACT: DANNY TIPTON
PHONE: (760) 623-2665
FAX: N/A

ELECTRIC
SOUTHERN CALIFORNIA EDISON COMPANY
505 WEST 14TH AVE.
BLYTHE, CA. 92225
CONTACT: RAUL VALENZUELA
PHONE: (626) 607-7100
FAX: (760) 921-1609

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

BLYTHE FIRE DEPARTMENT
201 NORTH COMMERCIAL
BLYTHE, CA. 92225
CONTACT: BILLY KEM
PHONE: (760) 922-6117
FAX: N/A

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

TELEPHONE
AT&T FIBER OPTIC
PHONE: (800) 252-1133

TELEPHONE
FRONTIER
14885 SOUTH BROADWAY
BLYTHE, CA. 92225
CONTACT: TOM CHARNOTA
PHONE: (928) 716-3393
FAX: (760) 922-2700

CABLE
SUDDENLINK CABLE
621 WEST HOBSONWAY
BLYTHE, CA. 92225
CONTACT: TOMMY TENIENTE
PHONE: (760) 220-4776
FAX: N/A

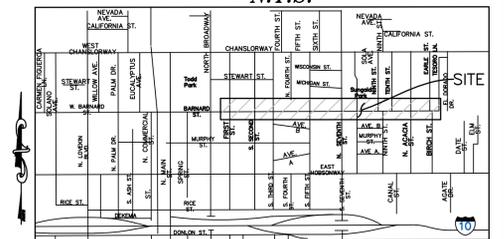
WASTE MANAGEMENT
CR&R DISPOSAL SERVICE
14701 SOUTH BROADWAY
BLYTHE, CA. 92225
CONTACT: JULIE PADILLA
PHONE: (760) 922-9107
FAX: (760) 922-0895

PALO VERDE IRRIGATION DISTRICT
180 WEST 14TH AVE.
BLYTHE, CA. 92225
CONTACT: RICHARD GILMORE
PHONE: (760) 922-3144
FAX: (760) 922-8294

SO CAL GAS DISTRIBUTION RESIDENTIAL
THE GAS COMPANY
13100 WEST 14TH AVE.
BLYTHE, CA. 92225
CONTACT: JOHN PAUL
PHONE: (951) 532-0614
FAX: N/A

VICINITY MAP

N.T.S.



NOTE:

A TOPOGRAPHY SURVEY WAS PERFORMED ON 6/11/2015 BY AMIR ENGINEERING

BASIS OF BEARINGS:

BASIS OF BEARINGS IS THE CENTERLINE OF BARNARD ST. PER PARCEL MAP NO. 27579 PM 178/42 BEING S 89° 59' 37" E

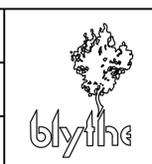


Underground Service Alert
Call: TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG



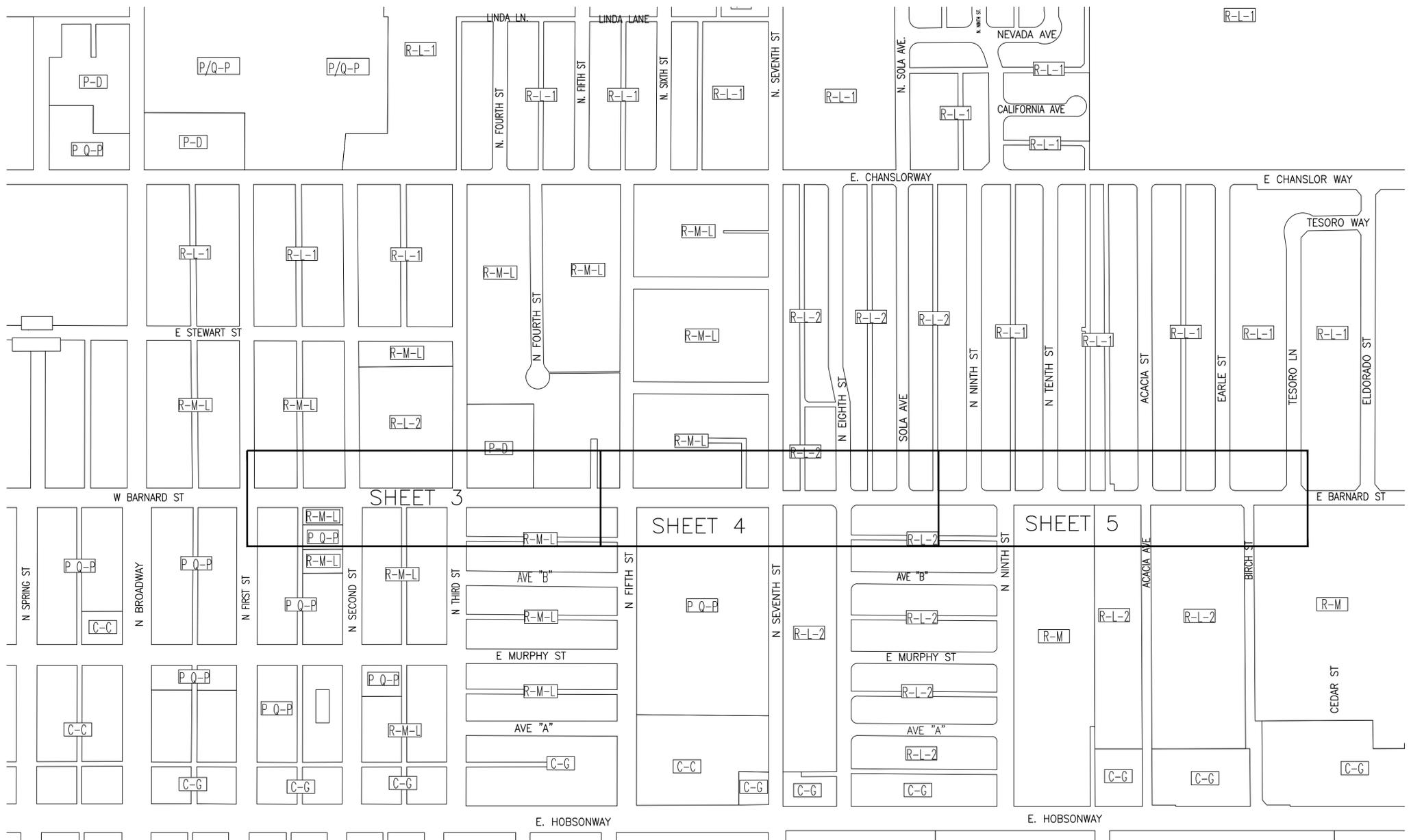
SIGNATURE: AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17
AMIR ENGINEERING & SURVEYING INC.
CIVIL ENGINEERS • LAND PLANNERS • SURVEYORS
160 LURING DRIVE, SUITE A
PALM SPRINGS, CA 92262
PHONE: (760) 318-7424
FAX: (760) 318-7410

DESIGN BY:	CITY CHECK	RIGHT-OF-WAY :	INITIAL :	DATE :
DRAWN BY:		TRAFFIC ENG'G :		
CHECKED BY:		FIELD ENG'G :		
AF				



CITY OF BLYTHE -- PUBLIC WORKS DEPARTMENT
APPROVED BY: _____ DATE _____
CITY OF BLYTHE -- PUBLIC WORKS DIRECTOR
ARMANDO J. GARCIA BALDIZZONE
R.C.E. NO. 70102

CITY OF BLYTHE, CALIFORNIA		SHEET
TITLE SHEET		1
E. BARNARD STREET REHABILITATION PROJECT FROM 2ND STREET TO BIRCH STREET BLYTHE, CA.		OF 10 SHEETS
		FILE NO.



DEMOLITION NOTES AND QUANTITIES

1	REMOVE AND RELOCATE EXISTING FIRE HYDRANT.	3 EA
2	REMOVE EXISTING CURB AND GUTTER.	615 LF
3	REMOVE EXISTING SIDEWALK.	3,390 SF
4	REMOVE EXISTING A.D.A. RAMP.	17 EA

CONSTRUCTION NOTES AND QUANTITIES

1	REMOVE EXISTING ASPHALT PAVEMENT TO EXPOSE THE IN-SITU AGGREGATE BASE, AND HAUL OFF TO APPROVED DUMP SITE OR RECYCLE PLANT.	20,322 SY
2	ADJUST WATER METER TO GRADE.	3 EA
3	CONSTRUCT SPANDREL PER CITY OF BLYTHE STD DWG NO S-207.	705 SF
4	CONSTRUCT SIDEWALK PER CITY OF BLYTHE STD DWG NO. S-206C.	1,885 SF
5	CONSTRUCT 6" TYPE "A" CURB & GUTTER PER THE CITY OF BLYTHE STD DWG NO S-208.	637 LF
7	CONSTRUCT CROSS-GUTTER & SPANDREL PER CITY OF BLYTHE STD DWG NO S-207.	2,990 SF
8	CONSTRUCT RESIDENTIAL DRIVEWAY PER CITY OF BLYTHE STD DWG NO S-206 MODIFIED. (FLARES TO 6').	4 EA
9	CONSTRUCT HANDICAP RAMP FOR ALLEYS PER DETAIL ON PLAN.	16 EA
10	CONSTRUCT HANDICAP RAMP PER CALTRANS STANDARD RSP AB8A CASE A.	4 EA
11	CONSTRUCT HANDICAP RAMP PER CALTRANS STANDARD RSP AB8A CASE C.	20 EA
12	ASPHALT EXTENSION JOINT CITY OF BLYTHE S-230.	1,940 SF
13	SAWCUT LINE TO EXISTING BASE.	970 LF
14	ADJUST WATER VALVES TO GRADE.	30 EA
15	ADJUST MANHOLE COVER TO GRADE.	13 EA
16	ADJUST GAS VALVE TO GRADE.	3 EA
17	CONSTRUCT 6" TYPE "A" BARRIER CURB PER CITY OF BLYTHE STD DWG NO S-208C.	45 LF
18	CONSTRUCT NEW 3.5" AC PAVEMENT OVER EXISTING 4" COMPACTED IN-SITU AGGREGATED BASE FROM 7TH STREET TO BIRCH STREET.(RECOMMENDED PER GEOTECHNICAL REPORT LANDMARK LCI REPORT NO. 15094, DATED SEPTEMBER 1, 2015).	1,325 TONS
19	CONSTRUCT NEW 4" A.C. PAVEMENT OVER EXISTING 4" COMPACTED IN-SITU AGGREGATED BASE FROM 2ND STREET TO 7TH STREET.(RECOMMENDED PER GEOTECHNICAL REPORT LANDMARK LCI REPORT NO. 15094, DATED SEPTEMBER 1, 2015).	1,642 TONS



STRIPING NOTES AND QUANTITIES

1	PAINT 4" YELLOW CENTERLINE PER CALTRANS STD. A20A, DETAIL 2.	2,819 LF
2	INSTALL THERMOPLASTIC 12" YELLOW SOLID STRIPE PER CALTRANS STD. A24E CROSSWALK LINE WITH YELLOW TYPE A MARKERS OUTSIDE OF THE LINE @ 3' O.C. (FULL PERIMETER, BOTH SIDES OF CROSSWALK, TYP.).	2,058 LF
3	APPLY WHITE THERMOPLASTIC STREET MARKING PER CALTRANS STANDARDS.	28 EA
4	PAINT DOUBLE YELLOW STRIPE PER CALTRANS STD. DWG. A24A, DETAIL 22.	260 LF
5	PAINT 8" SOLID WHITE STRIPE PER CALTRANS STD. DWG. A20D, DETAIL 38.	648 LF
6	PAINT 4" BROKEN WHITE LINE.	81 LF
7	APPLY WHITE THERMOPLASTIC MARKING TYPE IV(R) ARROW PER CALTRANS STD. A24A.	1 EA
8	REMOVE, STORE AND REINSTALL SIGN.	5 EA
9	INSTALL 2 WAY BLUE RETROREFLECTIVE.	3 EA

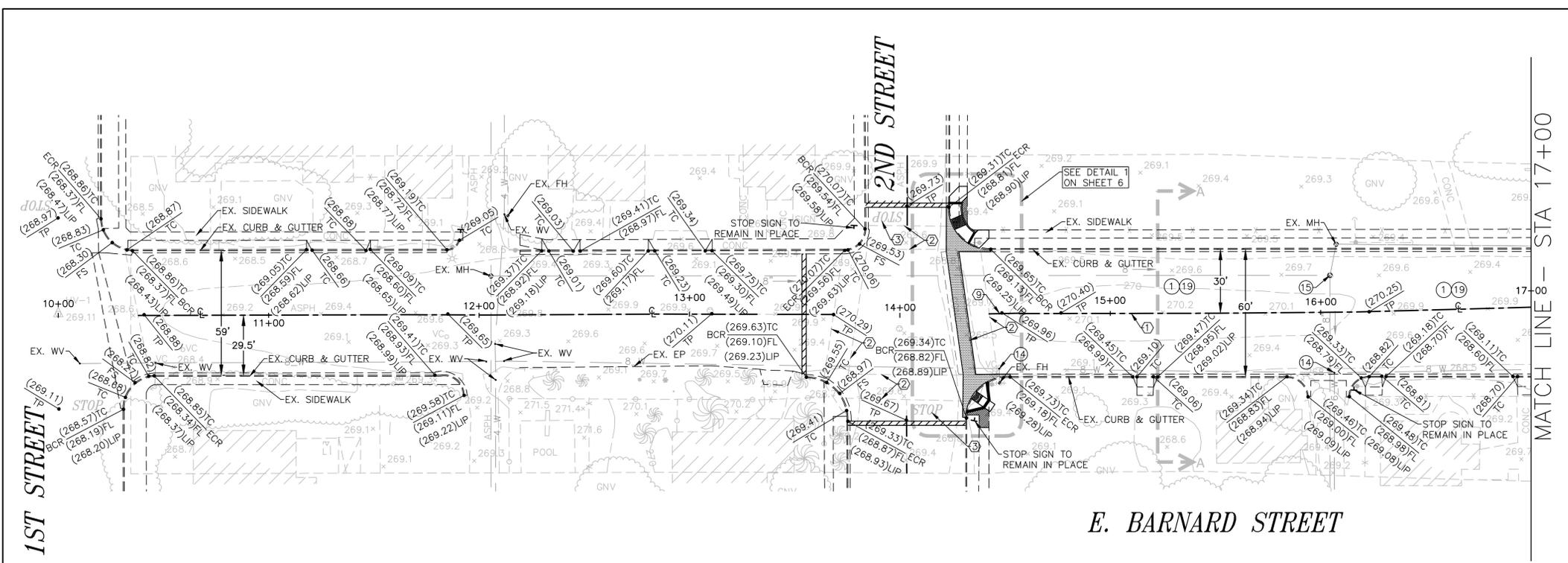
NOTE: THESE ARE ONLY ESTIMATES, FOR THE PURPOSE OF INDICATING THE SCOPE OF WORK. CONTRACTORS SHOULD DO THEIR OWN ESTIMATE FOR BID PURPOSES.

LEGEND

- CB = CATCH BASIN
- EX = EXISTING
- EP = EDGE OF PAVEMENT
- FH = FIRE HYDRANT
- FL = FLOW LINE
- FS = FINISH SURFACE
- GV = GAS VALVE
- MH = MANHOLE
- NG = NATURAL GROUND
- TC = TOP OF CURB
- TP = TOP OF PAVEMENT
- WV = WATER VALVE
- BCR = BEGINNING OF CURB RETURN
- ECR = END OF CURB RETURN
- LIP = GUTTER LIP
- PIG = POINT IN GUTTER
- (270) = EXISTING ELEVATION
- [Hatched Box] = REMOVE EXISTING SIDEWALK
- [Dotted Box] = NEW CROSS GUTTER AND/OR SPANDREL

Underground Service Alert
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 1-800
 227-2600
 TWO WORKING DAYS BEFORE YOU DIG

NO.	REVISION	APPROVED	DATE	BENCHMARK: CITY OF BLYTHE BENCHMARK NO. 19	ELEV.: 273.89'		SIGNATURE: _____ AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17	DESIGN BY:	CITY CHECK	RIGHT-OF-WAY	INITIAL	DATE		CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT	CITY OF BLYTHE, CALIFORNIA KEY MAP E. BARNARD STREET REHABILITATION PROJECT FROM 2ND STREET TO BIRCH STREET BLYTHE, CA.	SHEET 2
				LOCATION: CHISELED SQUARE ON THE TOP OF P.V.I.D. HEADWALL AT THE SOUTHEAST CORNER OF SEVENTH ST. AND BARNARD ST.				DRAWN BY: SJA	TRAFFIC ENG'G							CITY OF BLYTHE - PUBLIC WORKS DIRECTOR ARMANDO J. GARCIA BALDIZZONE R.C.E. NO. 70102
								CHECKED BY: AF	DATE	FIELD ENG'G				FILE NO.		



DEMOLITION NOTES AND QUANTITIES

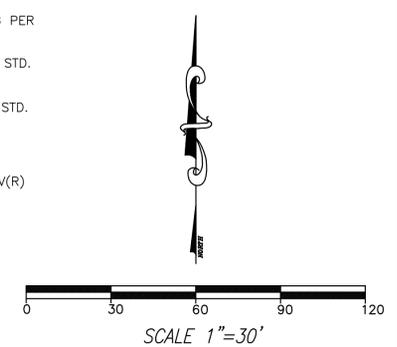
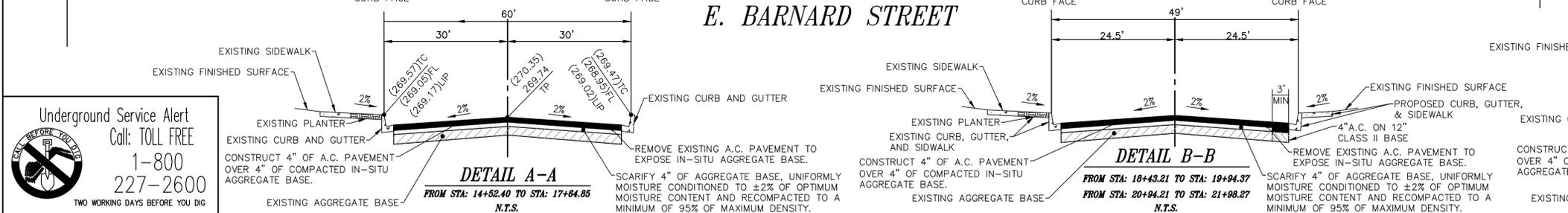
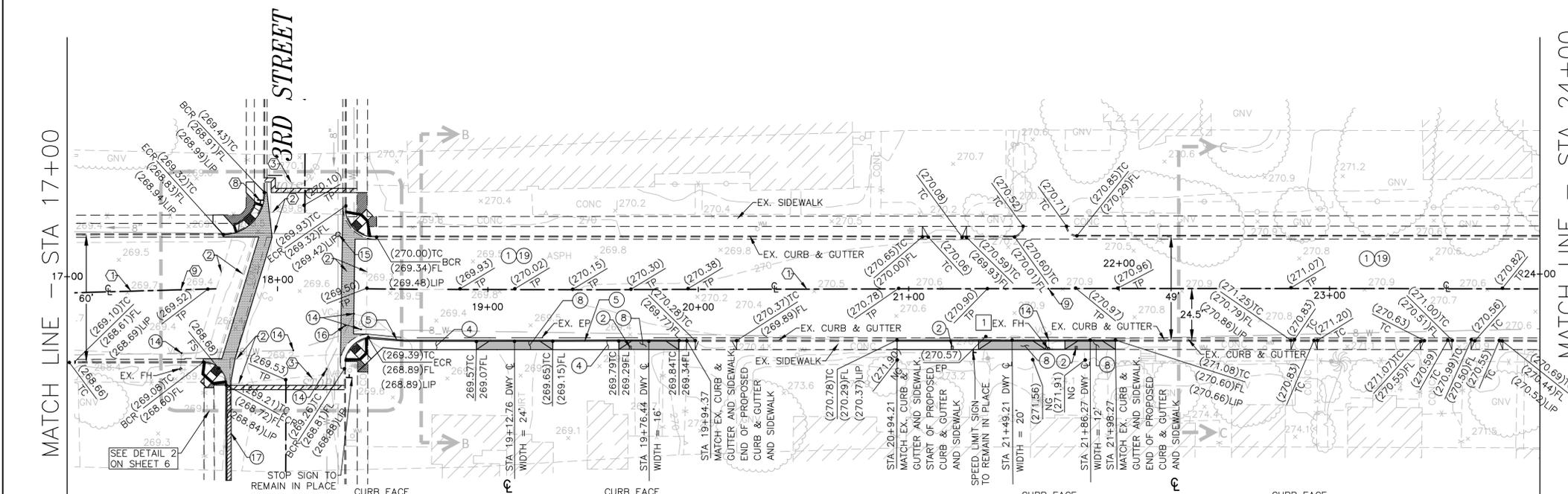
- 1 REMOVE AND RELOCATE EXISTING FIRE HYDRANT.
- 2 REMOVE EXISTING CURB AND GUTTER.
- 3 REMOVE EXISTING SIDEWALK.
- 4 REMOVE EXISTING A.D.A. RAMP.

CONSTRUCTION NOTES AND QUANTITIES

- 1 REMOVE EXISTING ASPHALT PAVEMENT TO EXPOSE THE IN-SITU AGGREGATE BASE. AND HAUL OFF TO APPROVED DUMP SITE OR RECYCLE PLANT.
- 2 ADJUST WATER METER TO GRADE.
- 3 CONSTRUCT SPANDREL PER CITY OF BLYTHE STD DWG NO S-207.
- 4 CONSTRUCT SIDEWALK PER CITY OF BLYTHE STD DWG NO. S-206C.
- 5 CONSTRUCT 6" TYPE "A" CURB & GUTTER PER THE CITY OF BLYTHE STD DWG NO S-208.
- 7 CONSTRUCT CROSS-GUTTER & SPANDREL PER CITY OF BLYTHE STD DWG NO S-207.
- 8 CONSTRUCT RESIDENTIAL DRIVEWAY PER CITY OF BLYTHE STD DWG NO S-206 MODIFIED. (FLARES TO 6').
- 9 CONSTRUCT HANDICAP RAMP FOR ALLEYS PER DETAIL ON PLAN.
- 10 CONSTRUCT HANDICAP RAMP PER CALTRANS STANDARD RSP A88A CASE A.
- 11 CONSTRUCT HANDICAP RAMP PER CALTRANS STANDARD RSP A88A CASE C.
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- 8 REMOVE, STORE AND REINSTALL SIGN.
- 9 INSTALL 2 WAY BLUE RETROREFLECTIVE.

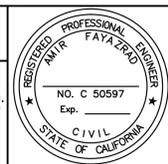


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NO.	REVISION	APPROVED	DATE

BENCHMARK:
CITY OF BLYTHE
BENCHMARK NO. 19
ELEV.: 273.89'

LOCATION:
CHISELED SQUARE ON THE TOP OF P.V.I.D.
HEADWALL AT THE SOUTHEAST CORNER OF
SEVENTH ST. AND BARNARD ST.

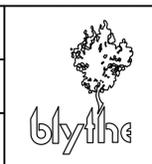


SIGNATURE: AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17

AMIR ENGINEERING & SURVEYING INC.
CIVIL ENGINEERS • LAND PLANNERS • SURVEYORS
160 LURING DRIVE, SUITE A
PALM SPRINGS, CA 92262
PHONE: (760) 318-7424
FAX: (760) 318-7410

DESIGN BY: SJ
CITY CHECK: AF

INITIAL: :
DATE: :
TRAFFIC ENG'G: :
FIELD ENG'G: :



CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT

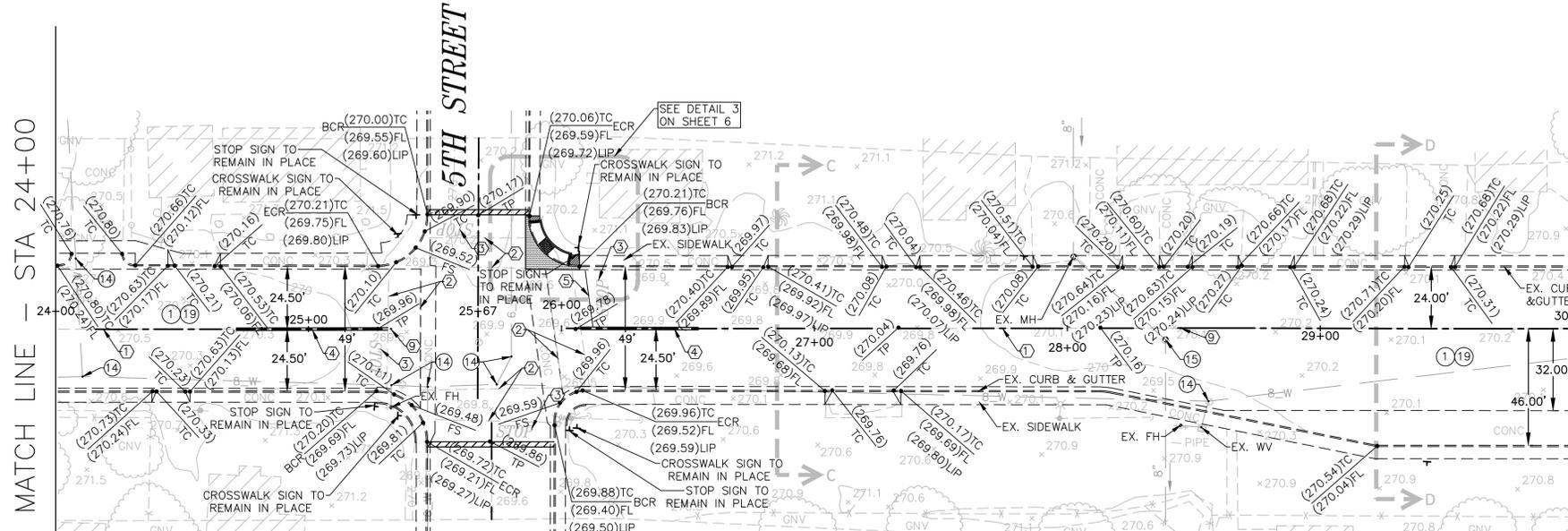
APPROVED BY: _____
CITY OF BLYTHE - PUBLIC WORKS DIRECTOR
ARMANDO J. GARCIA BALDIZZONE
R.C.E. NO. 70102

CITY OF BLYTHE, CALIFORNIA

STREET PLAN

E. BARNARD STREET REHABILITATION PROJECT
FROM 2ND STREET TO BIRCH STREET
BLYTHE, CA.

SHEET
3
OF 10 SHEETS
FILE NO.

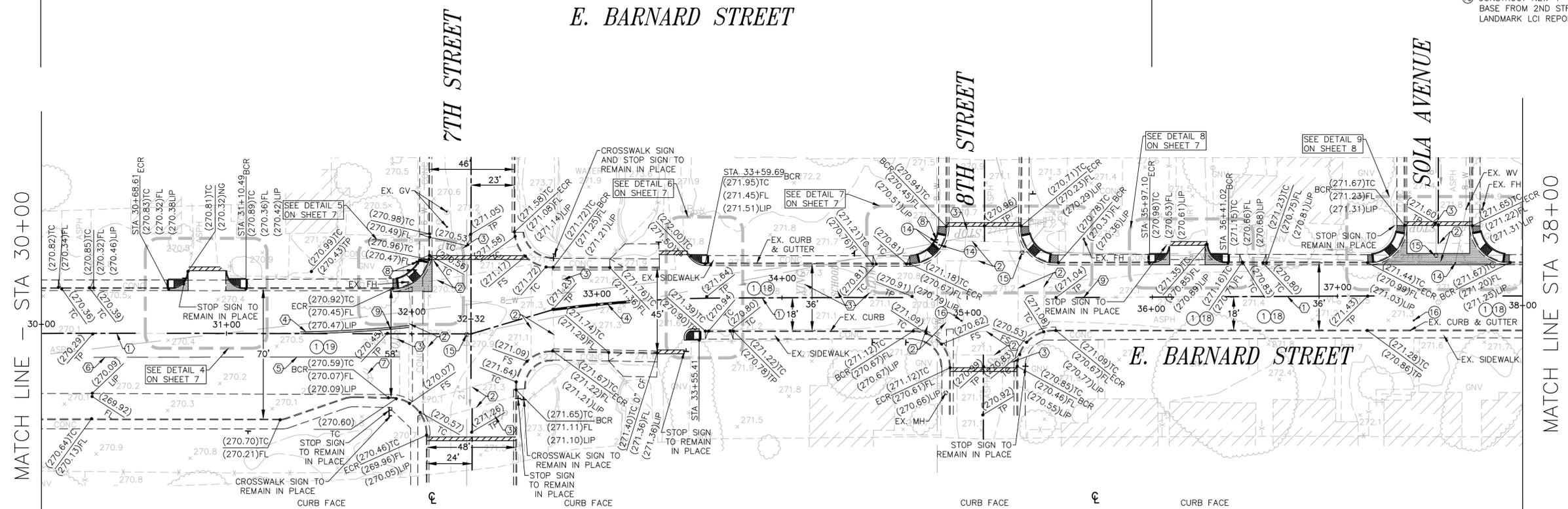


DEMOLITION NOTES AND QUANTITIES

- 1 REMOVE AND RELOCATE EXISTING FIRE HYDRANT.
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- 3 REMOVE EXISTING SIDEWALK.
- 4 REMOVE EXISTING A.D.A. RAMP.

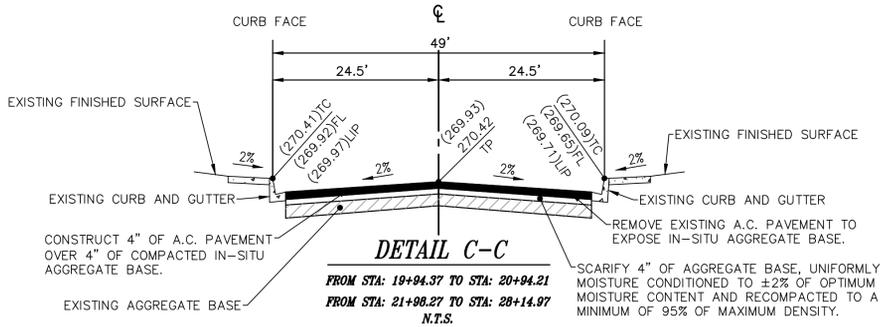
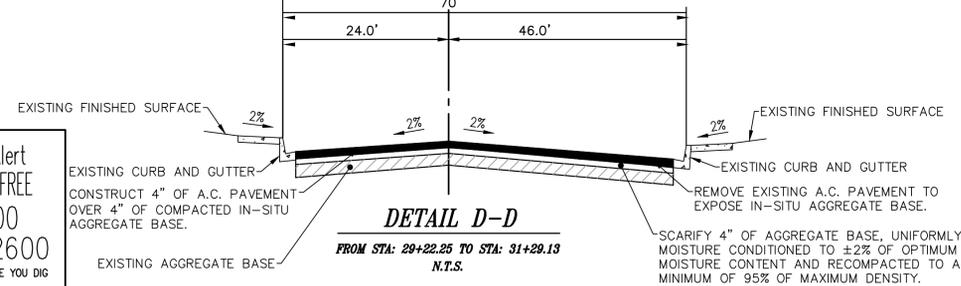
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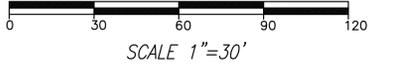


STRIPING NOTES AND QUANTITIES

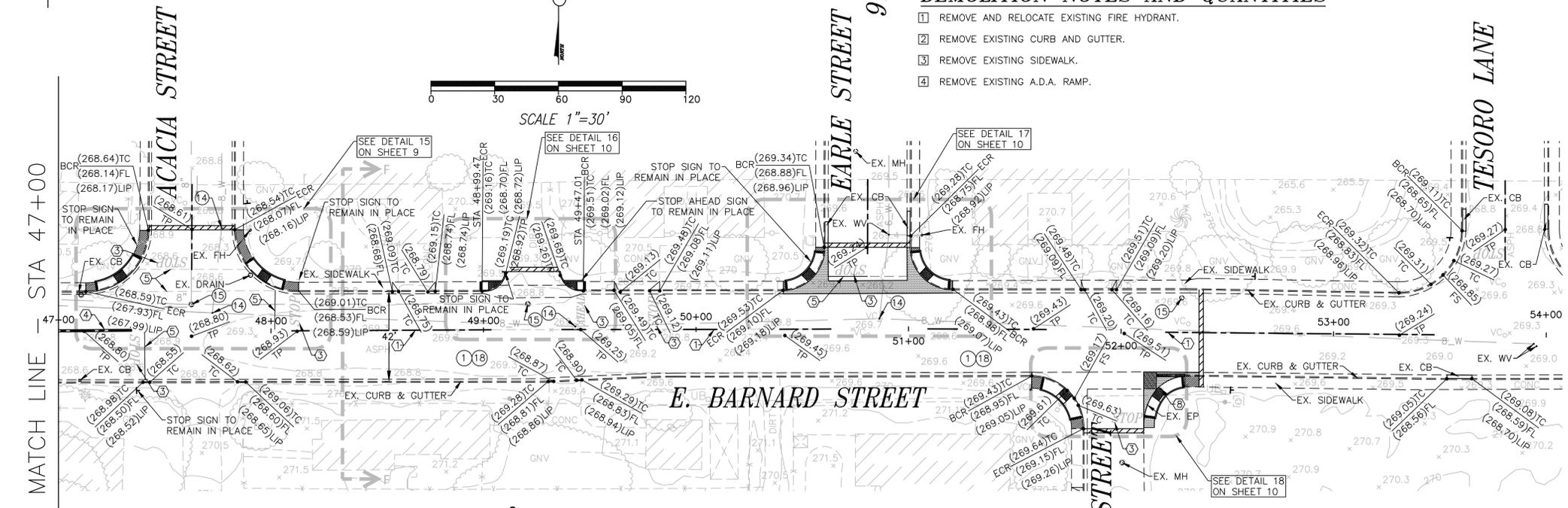
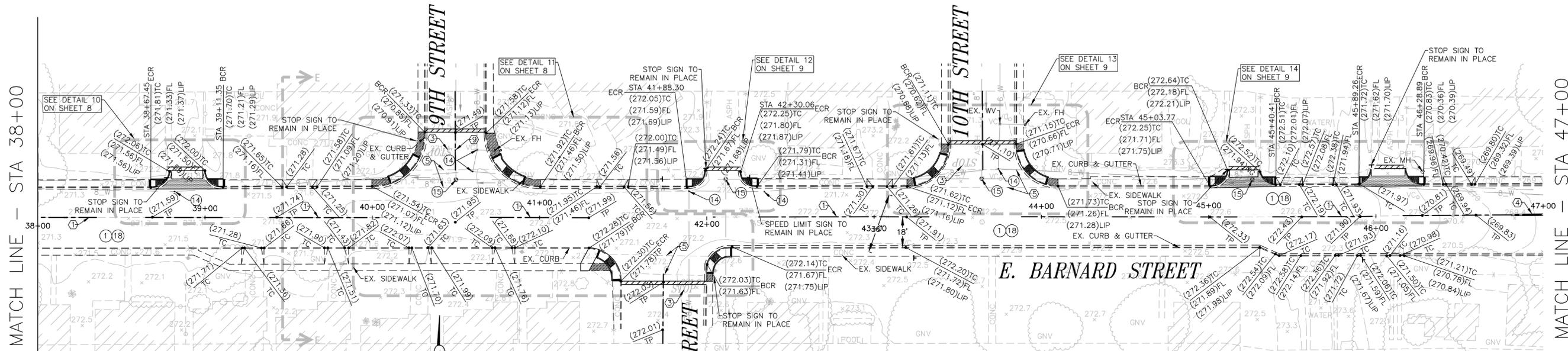
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NO.	REVISION	APPROVED	DATE	BENCHMARK: CITY OF BLYTHE BENCHMARK NO. 19	ELEV.: 273.89'		SIGNATURE: _____ AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17 AMIR ENGINEERING & SURVEYING INC. CIVIL ENGINEERS • LAND PLANNERS • SURVEYORS 160 LURING DRIVE, SUITE A PALM SPRINGS, CA 92262 PHONE: (760) 318-7424 FAX: (760) 318-7410	DESIGN BY:	CITY CHECK	INITIAL :	DATE	CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT APPROVED BY: _____ CITY OF BLYTHE - PUBLIC WORKS DIRECTOR ARMANDO J. GARCIA BALDIZZONE R.C.E. NO. 70102	CITY OF BLYTHE, CALIFORNIA STREET PLAN E. BARNARD STREET REHABILITATION PROJECT FROM 2ND STREET TO BIRCH STREET BLYTHE, CA.	SHEET
				LOCATION: CHISELED SQUARE ON THE TOP OF P.V.I.D. HEADWALL AT THE SOUTHEAST CORNER OF SEVENTH ST. AND BARNARD ST.				DRAWN BY: SJA	TRAFFIC ENG'G	DATE	FILE NO.			



DEMOLITION NOTES AND QUANTITIES

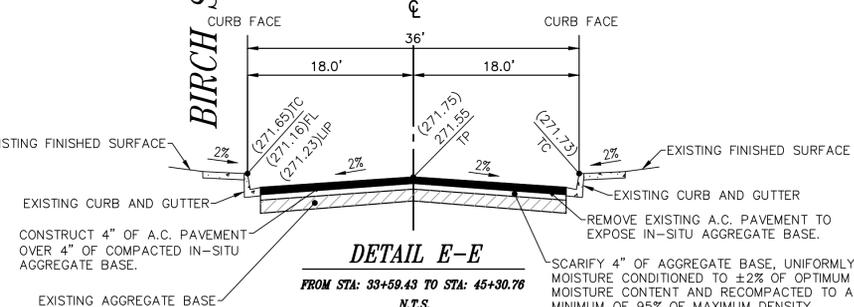
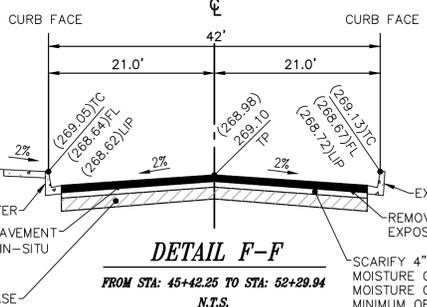
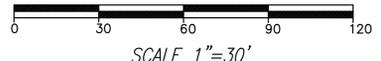
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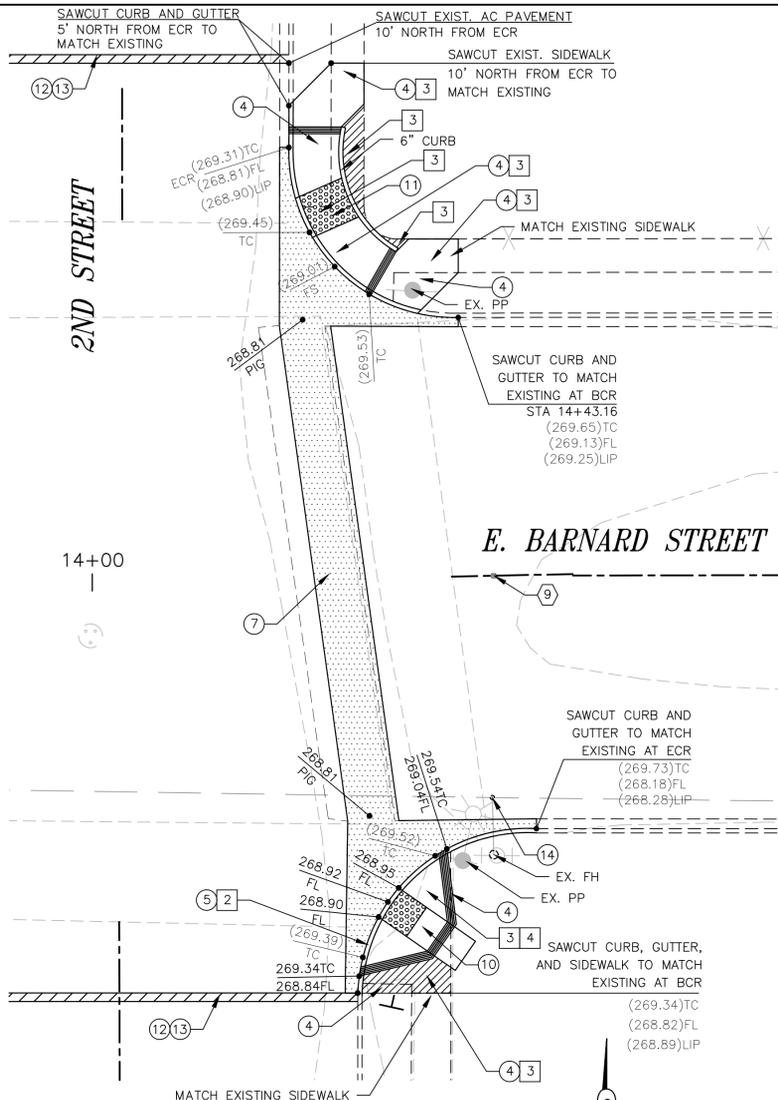
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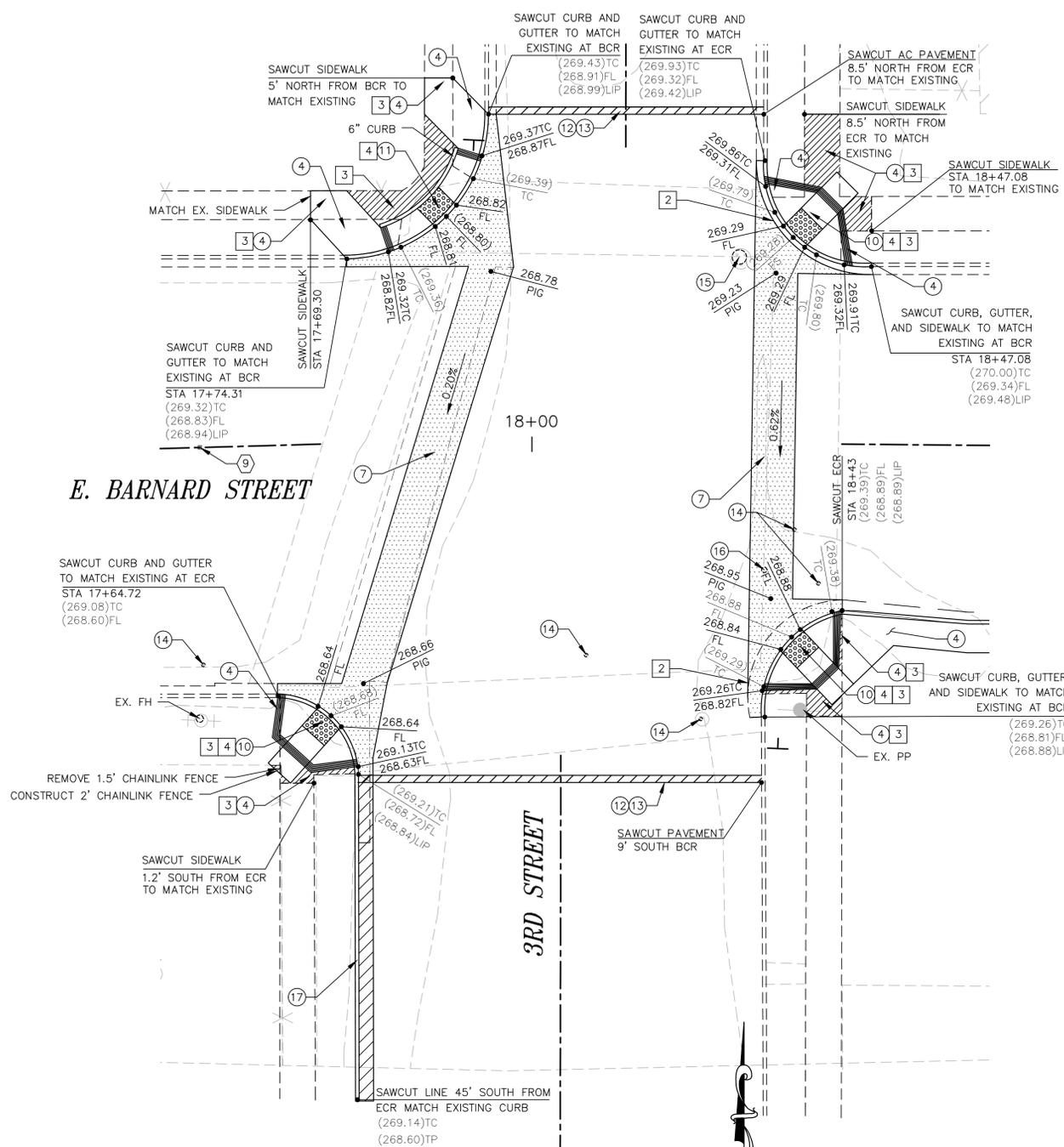


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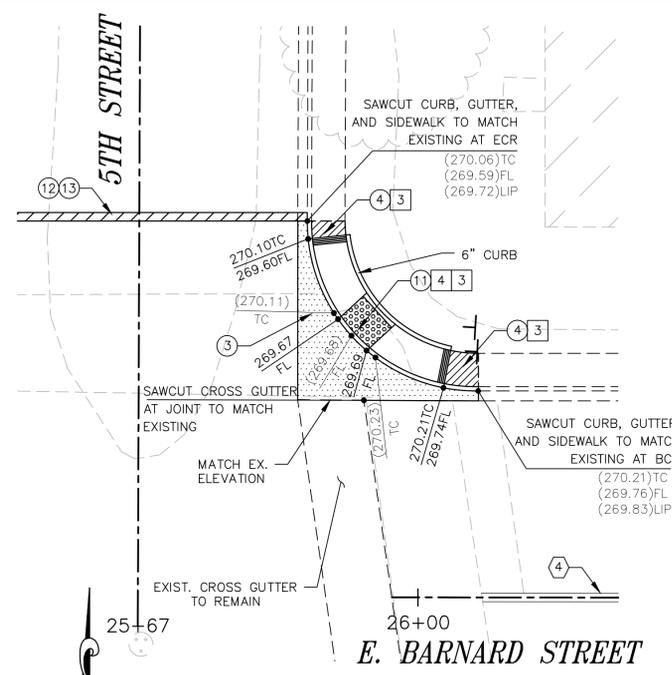
NO.	REVISION	APPROVED	DATE	BENCHMARK: CITY OF BLYTHE BENCHMARK NO. 19	ELEVATION: 273.89'	DESIGN BY: CITY CHECK	RIGHT-OF-WAY	INITIAL	DATE	CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT	CITY OF BLYTHE, CALIFORNIA	SHEET 5
				LOCATION: CHISELED SQUARE ON THE TOP OF P.V.I.D. HEADWALL AT THE SOUTHEAST CORNER OF SEVENTH ST. AND BARNARD ST.								
						SIGNATURE:				APPROVED BY:		FILE NO.
						AMIR ENGINEERING & SURVEYING INC. CIVIL ENGINEERS • LAND PLANNERS • SURVEYORS 160 LURING DRIVE, SUITE A PALM SPRINGS, CA 92262 PHONE: (760) 318-7424 FAX: (760) 318-7410		DRAWN BY: SJA CHECKED BY: AF		CITY OF BLYTHE - PUBLIC WORKS DIRECTOR ARMANDO J. GARCIA BALDIZZONE R.C.E. NO. 70102		



STREET DETAIL 1
SCALE 1"=10'



STREET DETAIL 2
SCALE 1"=10'



STREET DETAIL 3
SCALE 1"=10'



NO.	REVISION	APPROVED	DATE

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BENCHMARK NO. 19

ELEV.:
273.89'

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HEADWALL AT THE SOUTHEAST CORNER OF
SEVENTH ST. AND BARNARD ST.



SIGNATURE: _____
AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17

AMIR ENGINEERING & SURVEYING INC.
CIVIL ENGINEERS • LAND PLANNERS • SURVEYORS

160 LURING DRIVE, SUITE A
PALM SPRINGS, CA 92262
PHONE: (760) 318-7424
FAX: (760) 318-7410

DESIGN BY:
CITY CHECK

DRAWN BY:
SJA

CHECKED BY:
AF

RIGHT-OF-WAY	INITIAL	DATE
TRAFFIC ENG'G		
FIELD ENG'G		



CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT

APPROVED BY: _____

CITY OF BLYTHE - PUBLIC WORKS DIRECTOR
ARMANDO J. GARCIA BALDIZZONE
R.C.E. NO. 70102

DATE _____

CITY OF BLYTHE, CALIFORNIA

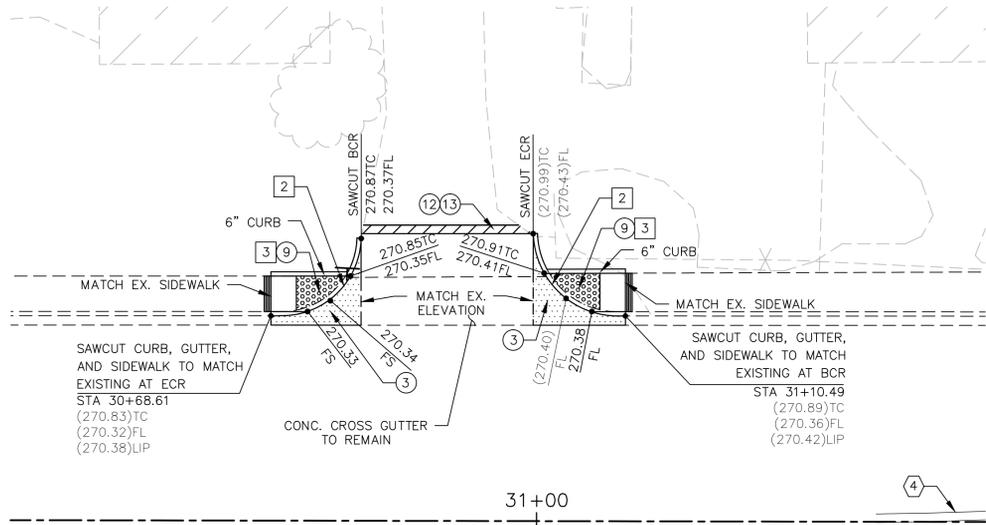
STREET PLAN

E. BARNARD STREET REHABILITATION PROJECT
FROM 2ND STREET TO BIRCH STREET
BLYTHE, CA.

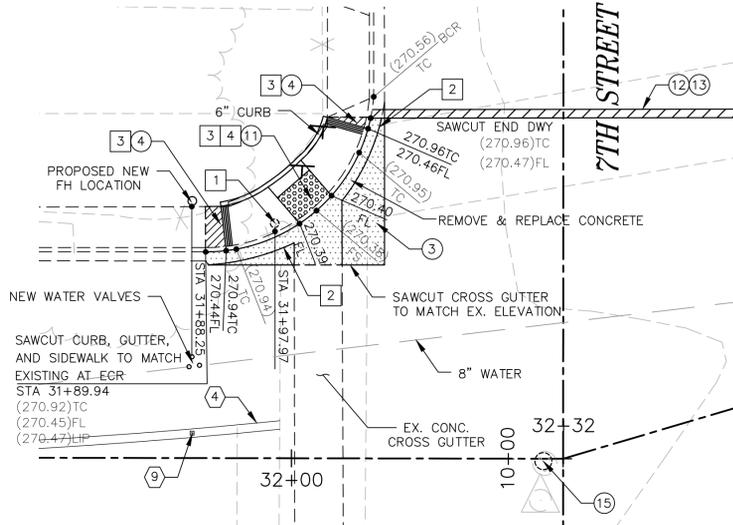
SHEET
6

OF 10 SHEETS

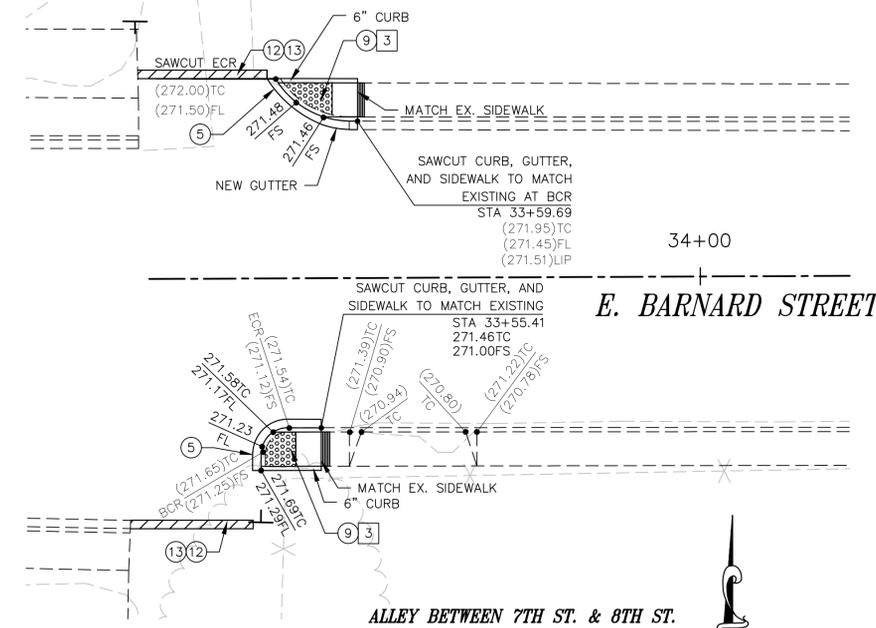
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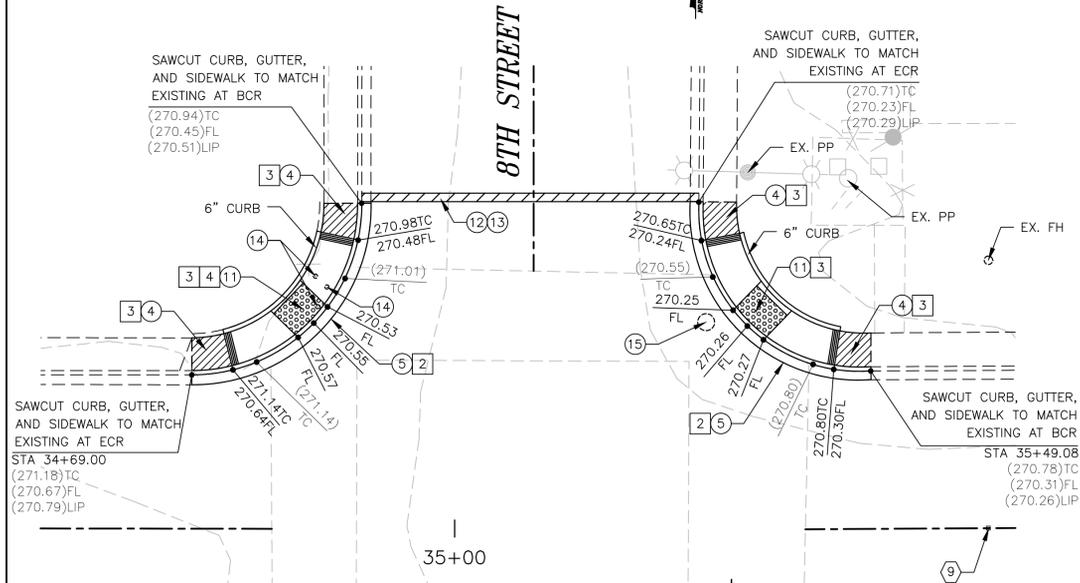
E. BARNARD STREET
ALLEY BETWEEN 5TH ST. & 7TH ST.
STREET DETAIL 4
SCALE 1"=10'



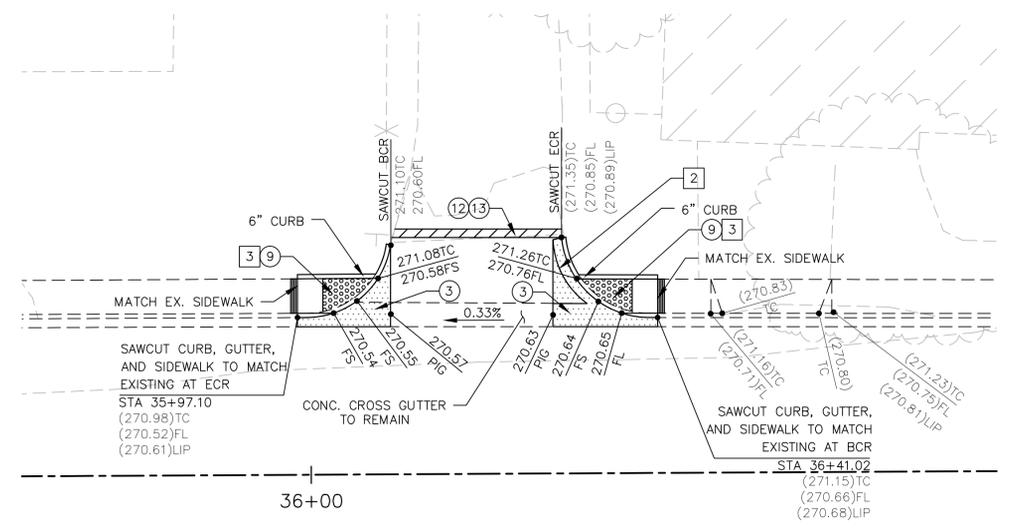
E. BARNARD STREET
ALLEY BETWEEN 7TH ST. & 8TH ST.
STREET DETAIL 5
SCALE 1"=10'



E. BARNARD STREET
ALLEY BETWEEN 7TH ST. & 8TH ST.
STREET DETAIL 6
SCALE 1"=10'



E. BARNARD STREET
ALLEY BETWEEN 8TH ST. & 9TH ST.
STREET DETAIL 7
SCALE 1"=10'



E. BARNARD STREET
ALLEY BETWEEN 8TH ST. & 9TH ST.
STREET DETAIL 8
SCALE 1"=10'



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ELEV.: 273.89'

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FIELD ENG'G		



CITY OF BLYTHE — PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ DATE _____

CITY OF BLYTHE — PUBLIC WORKS DIRECTOR
ARMANDO J. GARCIA BALDIZZONE
R.C.E. NO. 70102

CITY OF BLYTHE, CALIFORNIA

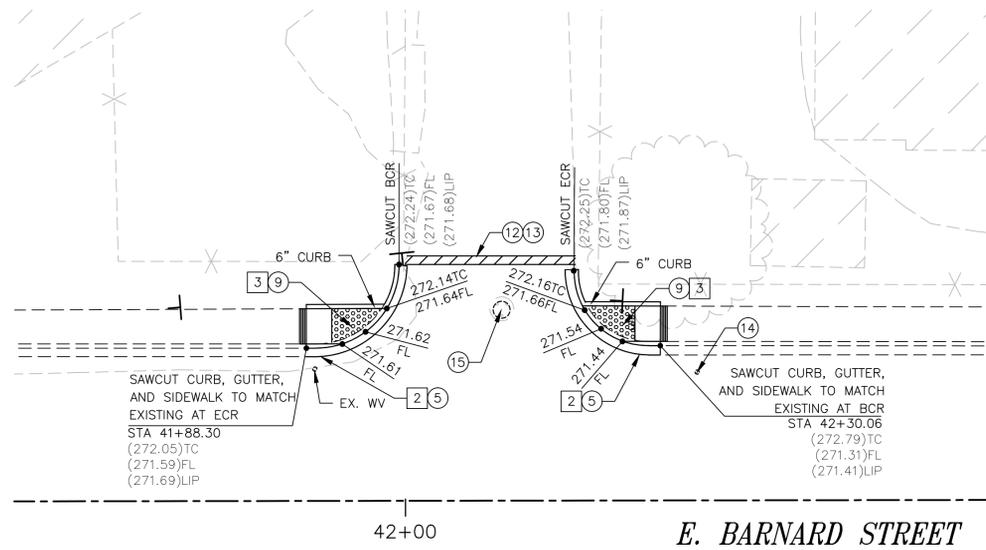
STREET PLAN

E. BARNARD STREET REHABILITATION PROJECT
FROM 2ND STREET TO BIRCH STREET
BLYTHE, CA.

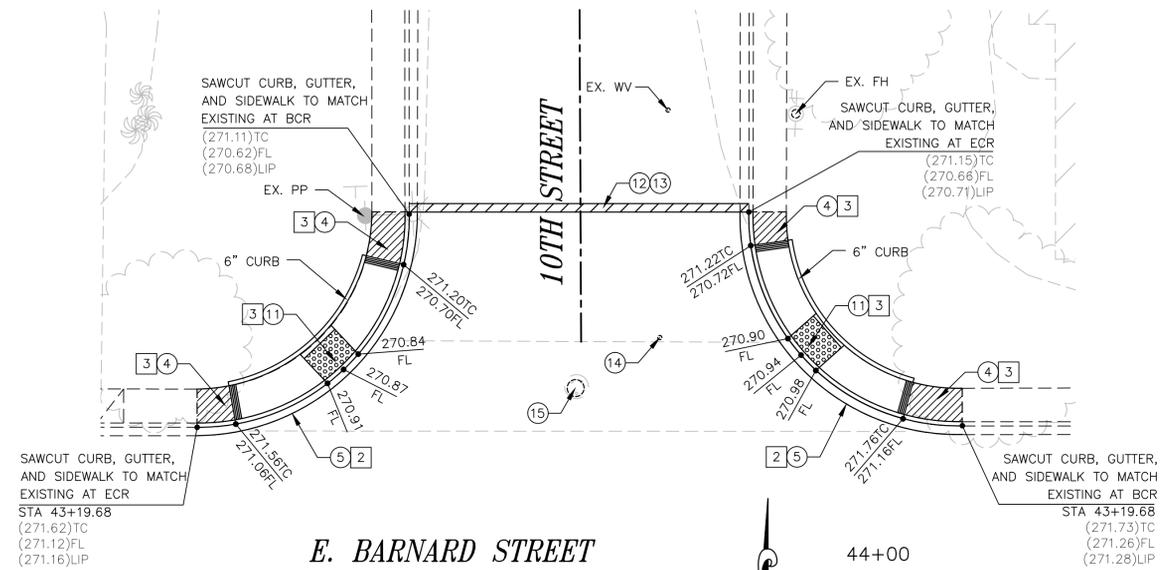
SHEET 7

OF 10 SHEETS

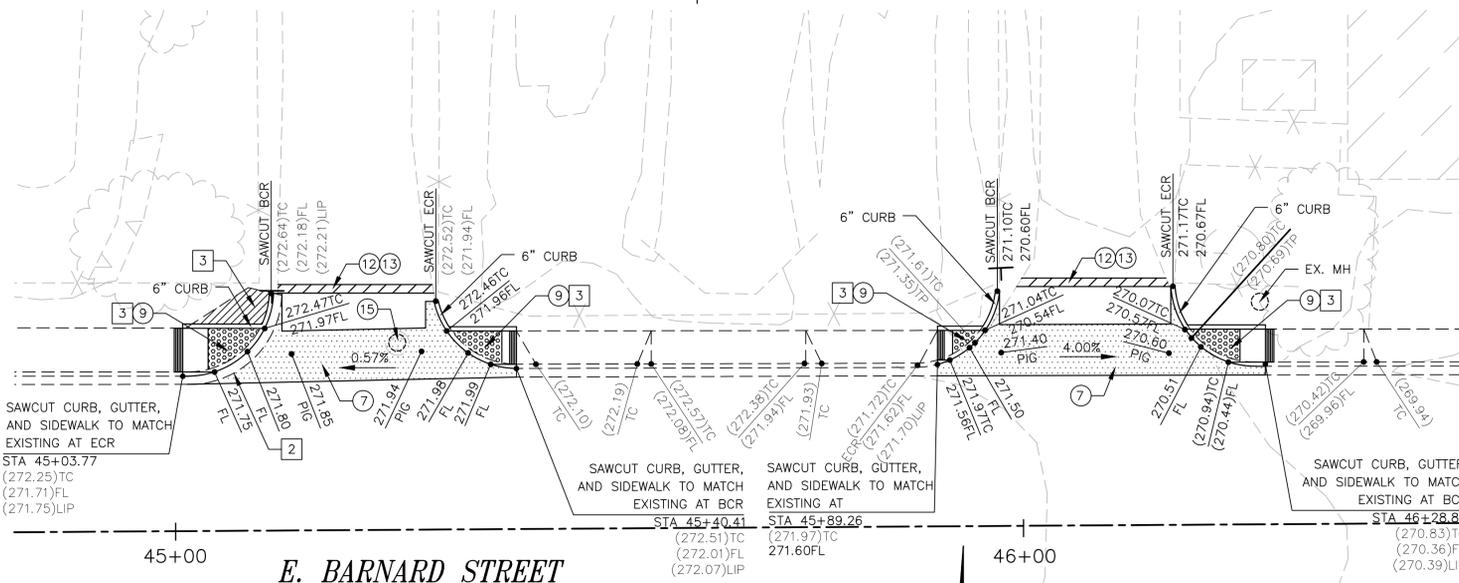
FILE NO.



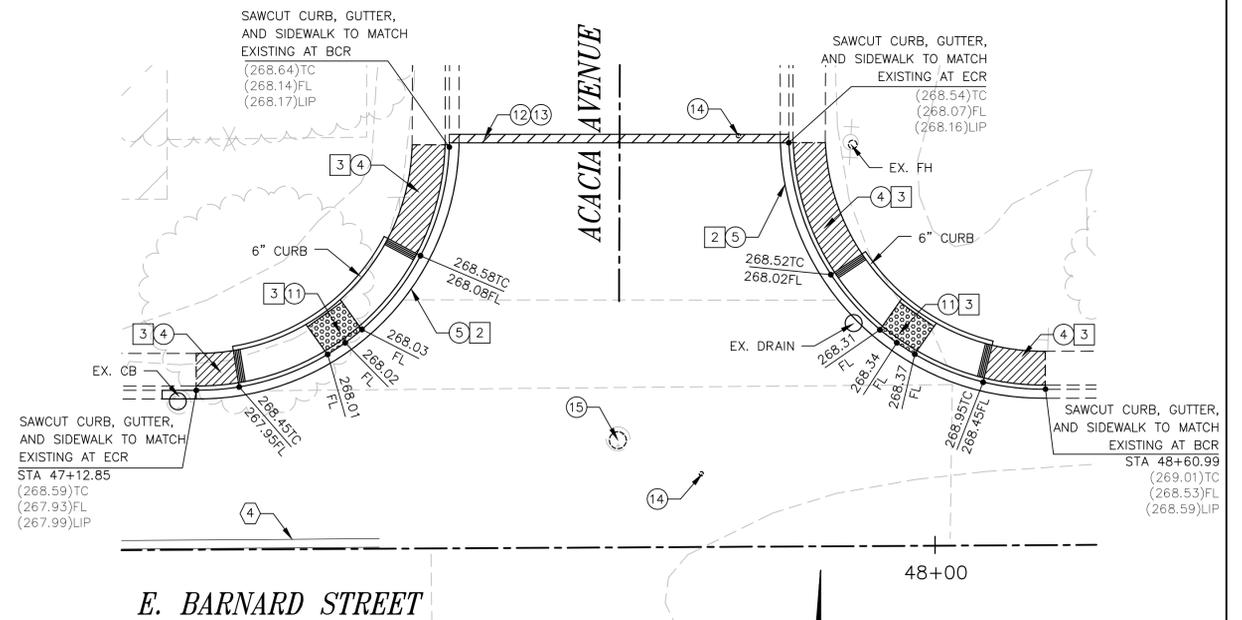
ALLEY BETWEEN 9TH ST. & 10TH ST.
STREET DETAIL 12
SCALE 1"=10'



STREET DETAIL 13
SCALE 1"=10'



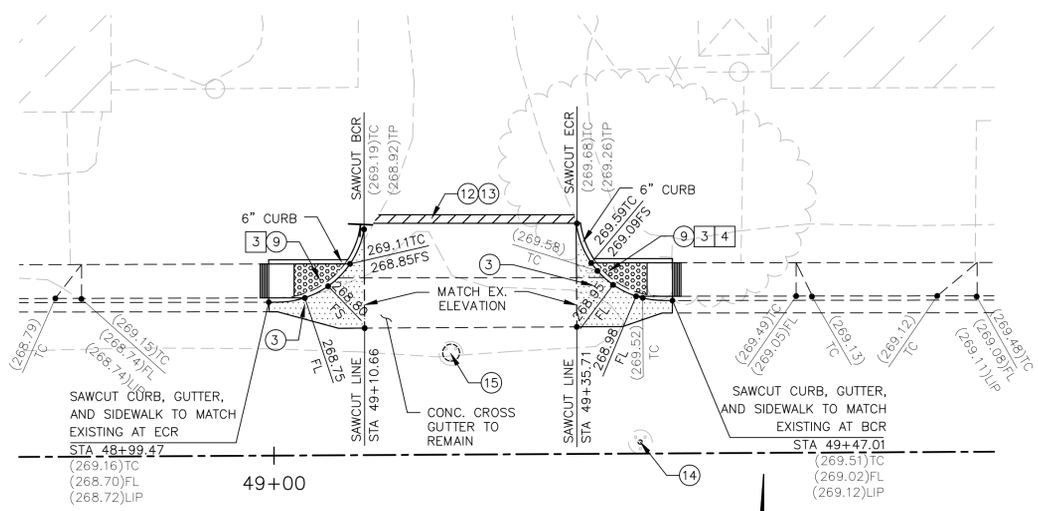
ALLEY BETWEEN 10TH ST. & ACACIA ST.
STREET DETAIL 14
SCALE 1"=10'



STREET DETAIL 15
SCALE 1"=10'

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

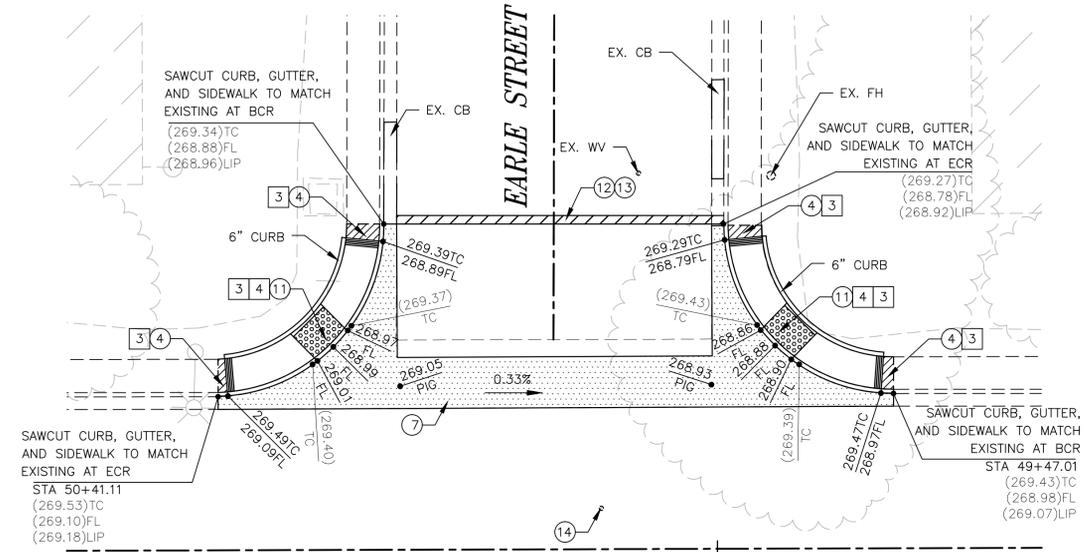
NO.	REVISION	APPROVED	DATE	BENCHMARK: CITY OF BLYTHE BENCHMARK NO. 19	ELEV.: 273.89'		SIGNATURE: AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17	DESIGN BY: CITY CHECK	RIGHT-OF-WAY	INITIAL	DATE		CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT APPROVED BY:	CITY OF BLYTHE, CALIFORNIA STREET PLAN E. BARNARD STREET REHABILITATION PROJECT FROM 2ND STREET TO BIRCH STREET BLYTHE, CA.	SHEET 9
				LOCATION: CHISELED SQUARE ON THE TOP OF P.V.I.D. HEADWALL AT THE SOUTHEAST CORNER OF SEVENTH ST. AND BARNARD ST.			160 LURING DRIVE, SUITE A PALM SPRINGS, CA 92262 PHONE: (760) 318-7424 FAX: (760) 318-7410	DRAWN BY: SJA CHECKED BY: AF	TRAFFIC ENG'G				CITY OF BLYTHE - PUBLIC WORKS DIRECTOR ARMANDO J. GARCIA BALDIZONE R.C.E. NO. 70102		OF 10 SHEETS FILE NO.



E. BARNARD STREET

ALLEY BETWEEN ACACIA ST. & EARLE ST.
STREET DETAIL 16

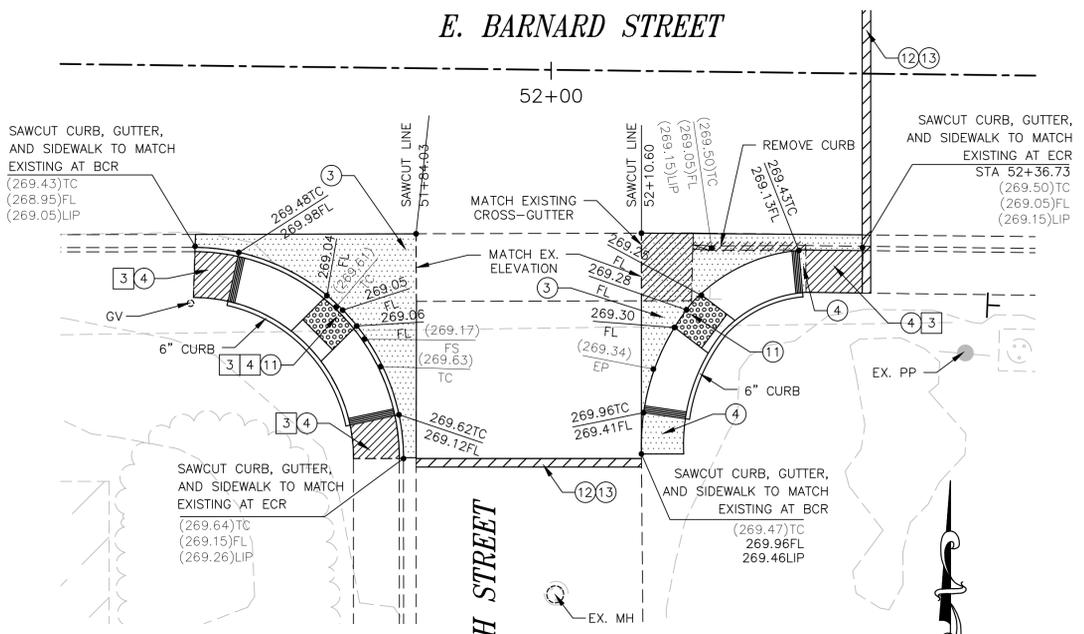
SCALE 1"=10'



E. BARNARD STREET

STREET DETAIL 17

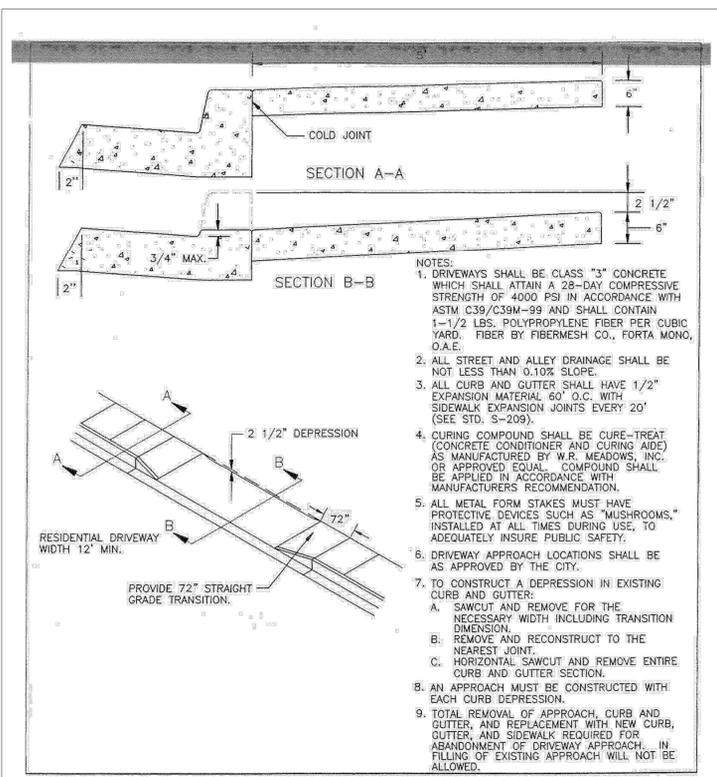
SCALE 1"=10'



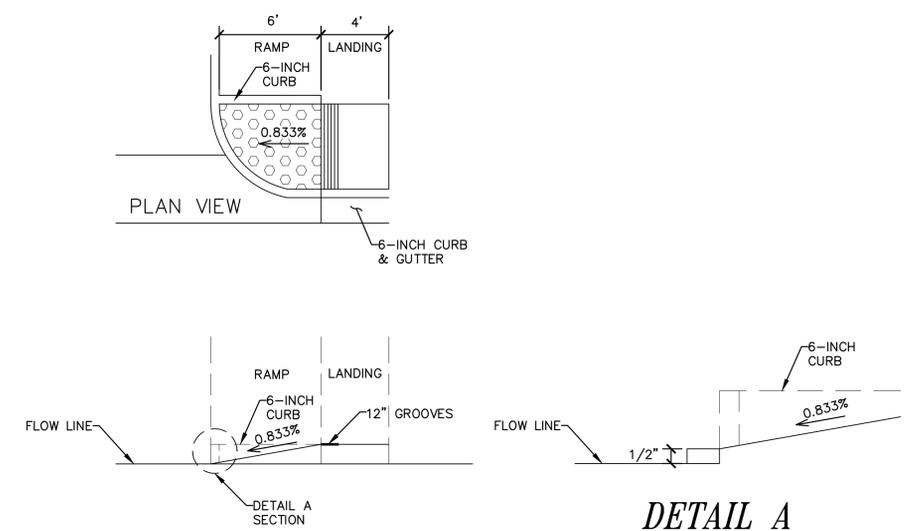
E. BARNARD STREET

STREET DETAIL 18

SCALE 1"=10'



MODIFIED DRIVEWAY APPROACH
PER STANDARD S-206



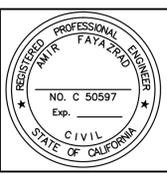
ALLEY RAMP DETAIL
N.T.S.

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

NO.	REVISION	APPROVED	DATE

BENCHMARK:
CITY OF BLYTHE
BENCHMARK NO. 19
ELEV.:
273.89'

LOCATION:
CHISEL SQUARE ON THE TOP OF P.V.I.D.
HEADWALL AT THE SOUTHEAST CORNER OF
SEVENTH ST. AND BARNARD ST.



SIGNATURE: AMIR FAYAZRAD, R.C.E. 50597, EXP. 9/30/17

AMIR ENGINEERING & SURVEYING INC.
CIVIL ENGINEERS • LAND PLANNERS • SURVEYORS
160 LURING DRIVE SUITE A
PALM SPRINGS, CA 92262
PHONE: (760) 318-7424
FAX: (760) 318-7410

DESIGN BY:	CITY CHECK	RIGHT-OF-WAY :	INITIAL :	DATE :
DRAWN BY:		TRAFFIC ENG'G :		
CHECKED BY:		FIELD ENG'G :		



CITY OF BLYTHE - PUBLIC WORKS DEPARTMENT

APPROVED BY: _____ DATE _____

CITY OF BLYTHE - PUBLIC WORKS DIRECTOR
ARMANDO J. GARCIA BALDIZZONE
R.C.E. NO. 70102

CITY OF BLYTHE, CALIFORNIA

STREET PLAN

E. BARNARD STREET REHABILITATION PROJECT
FROM 2ND STREET TO BIRCH STREET
BLYTHE, CA.

SHEET	10
OF 10 SHEETS	
FILE NO.	