

**SCHOOL STREET PLAZA PROJECT**

**OWNER**  
**MONO COUNTY DEPARTMENT OF PUBLIC WORKS**  
 74 NORTH SCHOOL ST.  
 P.O. BOX 457  
 BRIDGEPORT, CA 93517  
 PH: 760-932-5440  
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 monopw@mono.ca.gov

NO.	DATE	DESCRIPTION

PROJECT NO:	A221.09.14
DESIGNED BY:	CNH
DRAWN BY:	CKC
CHECKED BY:	JWN DATE
DATE:	07-12-2012

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**SHEET TITLE**

**NOTES, LEGEND AND ABBREVIATIONS**

DRAWING

**G2**

SHEET 2 OF 14

**GENERAL NOTES**

- CONTRACTOR SHALL PERFORM PROJECT ACTIVITIES IN CONFORMANCE WITH MONO COUNTY ORDINANCES AND STANDARDS AND THE CONDITIONS OF APPROVAL OF APPLICABLE GRADING AND ENCROACHMENT PERMITS ISSUED BY THE MONO COUNTY DEPARTMENT OF PUBLIC WORKS. ALL WORK IN THE MONO COUNTY RIGHT-OF-WAY SHALL BE SUBJECT TO AN ENCROACHMENT PERMIT FROM THE MONO COUNTY DEPARTMENT OF PUBLIC WORKS.
- ALL WORK SHALL CONFORM TO THESE PLANS, SPECIFICATIONS, MONO COUNTY STANDARDS, THE "STANDARD SPECIFICATIONS" (2010 EDITION) ISSUED BY THE CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS), AND THE "CALIFORNIA BUILDING CODE" (2010 EDITION) IN THE EVENT OF A CONFLICT BETWEEN THE PRECEDING DOCUMENTS, THE MOST STRINGENT SHALL PREVAIL. PARTIAL LIST OF APPLICABLE BUILDING CODES INCLUDE THE 2010 BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 C.C.R. AND THE 2010 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24 C.C.R.
- CONTRACTOR SHALL CONDUCT ALL GRADING OPERATIONS IN CONFORMANCE WITH THE CONSTRUCTION SAFETY ORDERS OF THE STATE OF CALIFORNIA, DEPARTMENT OF INDUSTRIAL RELATIONS, DIVISION OF INDUSTRIAL SAFETY. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF GENERAL OSHA STANDARDS FOR THE PROTECTION OF WORKMEN AND THE GENERAL PUBLIC.
- ANY EVIDENCE OF THE HISTORICAL PRESENCE OF MAN FOUND DURING CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE MONO COUNTY COMMUNITY DEVELOPMENT DEPARTMENT AND ALL CONSTRUCTION ACTIVITIES SHALL CEASE UNTIL AUTHORIZED BY THAT DEPARTMENT.
- CONTRACTOR SHALL CONTACT THE MONO COUNTY DEPARTMENT OF PUBLIC WORKS AT (760) 932-5440 TO ARRANGE A PRE-CONSTRUCTION MEETING AT THE PROJECT SITE AT LEAST SEVEN DAYS PRIOR TO COMMENCING SITE ACTIVITIES.
- CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM TO 7:00 PM MONDAY THROUGH SATURDAY (NO OPERATIONS ALLOWED ON SUNDAYS). CONTRACTOR SHALL KEEP NOISE LEVELS OF CONSTRUCTION EQUIPMENT TO A MINIMUM, USING SOUND MUFFLING DEVICES IN ACCORDANCE WITH PREVAILING REQUIREMENTS. SITE PREPARATION AND CONSTRUCTION SHALL BE CONDUCTED SO AS TO MINIMIZE EXCESSIVE NOISE, DUST, DEBRIS AND DISTURBANCE TO NEIGHBORS WITHIN 500 FEET.
- THE LIMITS OF CONSTRUCTION SPECIFIED ON THESE PLANS SHALL BE CAREFULLY AND FULLY FLAGGED PRIOR TO START OF CONSTRUCTION IN A MANNER TO PREVENT DAMAGE TO VEGETATION AND DISTURBANCE TO SOILS OUTSIDE OF THE CONSTRUCTION AREA. SITE-DISTURBING ACTIVITIES SHALL BE RESTRICTED TO THE IDENTIFIED BOUNDARIES OF THE PROJECT.
- RESTRICTIONS ON THE MOVEMENTS OF HEAVY EQUIPMENT SHALL BE ACCOMPLISHED THROUGH THE ESTABLISHMENT OF DESIGNATED TRAVEL ROUTES AND BARRIERS WHICH PREVENT CUTTING, SCARRING AND ROOT DAMAGE TO TREES AND SHRUBS NOT BEING REMOVED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR, AND WILL BEAR THE COST OF, RESETTING ANY SURVEY STAKES OR MONUMENTS DESTROYED BY HIS OPERATIONS.
- ANY SIDEWALK, CURB, GUTTER OR ANY OTHER CONCRETE STRUCTURES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- UTILITY LOCATIONS SHOWN ON THE DRAWINGS ARE APPROXIMATE. WHERE EXCAVATION IS NECESSARY, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) AND ALL AFFECTED UTILITY COMPANIES TO LOCATE ALL BURIED UTILITIES AT LEAST 48 HOURS PRIOR TO EXCAVATION. THE CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES FOR RELOCATION OF UTILITIES AS REQUIRED BY THE WORK. EXISTING UTILITY TYPE, LOCATION, MATERIAL AND SIZE ARE BASED ON A SEARCH OF EXISTING RECORDS. WHENEVER CONNECTIONS TO OR CLEARANCE FROM AN EXISTING UTILITY IS REQUIRED, THE CONTRACTOR SHALL POthOLE TO VERIFY THE LOCATION, SIZE AND MATERIAL OF THE UTILITY PRIOR TO CONSTRUCTION. IN ADDITION TO CALLING USA, THE CONTRACTOR SHOULD CONTACT THE FOLLOWING UTILITIES KNOWN TO BE IN THE BRIDGEPORT AREA:  
  
SOUTHERN CALIFORNIA EDISON: 760-873-2991  
BRIDGEPORT PUD, TIM BREWSTER: 760-932-7251  
MONO COUNTY DEPARTMENT OF PUBLIC WORKS (FACILITIES), JOE BLANCHARD: 760-932-5443
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING ROADS, BUILDINGS OR OTHER STRUCTURES RESULTING FROM HIS CONSTRUCTION ACTIVITIES. REPAIRS SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE OWNER.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF DISCREPANCIES BETWEEN THE INFORMATION SHOWN ON THESE DRAWINGS AND THE CONDITIONS EXISTING IN THE FIELD. THE CONTRACTOR SHALL COMPARE ALL DRAWINGS AND VERIFY THE FIGURES BEFORE LAYING OUT THE WORK AND WILL BE RESPONSIBLE FOR ANY ERRORS WHICH MIGHT HAVE BEEN AVOIDED THEREBY. IF THE CONTRACTOR FAILS TO NOTIFY THE ENGINEER IN A TIMELY MANNER OF ANY APPARENT ERROR OR OMISSION ON THE PLANS OR SPECIFICATIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING WORK INCORRECTLY DONE AT THE CONTRACTOR'S OWN EXPENSE.
- PAYMENT FOR WORK SHOWN ON THESE PLANS EITHER SPECIFIED OR INFERRED, BUT NOT IN THE BID PROPOSAL SHALL BE CONSIDERED AS INCLUDED IN THE PRICE PAID FOR OTHER ITEMS OF WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL MANHOLE RIMS AND ANY EXISTING UTILITY COVERS WITHIN THE CONSTRUCTION LIMITS ARE SET TO THE FINISH GRADE ACCORDING TO THE DETAILS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CONSTRUCTION WATER FOR HIS NEEDS, AS WELL AS STAGING AREA LOCATIONS.
- DURING THE ENTIRE DURATION OF THIS CONSTRUCTION CONTRACT, THE CONTRACTOR SHALL IMPLEMENT STRINGENT DUST CONTROL MEASURES IN ACCORDANCE WITH THE STATE OF CALIFORNIA RULES AND REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUPPRESS DUST AT ALL TIMES, 24 HOURS A DAY, REGARDLESS OF WHEN CONSTRUCTION ACTIVITIES ARE OCCURRING.
- BASE TOPOGRAPHIC SURVEY MAPPING PROVIDED BY ATKINS NORTH AMERICA, INC. DATED NOVEMBER 2011. HORIZONTAL CONTROL: NAD 83. VERTICAL CONTROL: NAVD 88

**TRAFFIC NOTES**

- REFERENCE SECTION "MAINTAINING TRAFFIC/TRAFFIC CONTROL" OF THE TECHNICAL SPECIFICATIONS.
- THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER A DETAILED TRAFFIC CONTROL PLAN, PREPARED BY PROFESSIONAL TRAFFIC OPERATIONS ENGINEER (PTOE) OR A TRAFFIC CONTROL SUPERVISOR (TCS) CERTIFIED BY THE AMERICAN TRAFFIC SAFETY SERVICES ASSOCIATION (ATSSA), CONFORMING TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- A MINIMUM OF ONE PAVED TRAFFIC LANE, NOT LESS THAN ELEVEN (11) FEET WIDE, SHALL BE OPEN FOR USE BY PUBLIC TRAFFIC IN EACH DIRECTION OF TRAVEL EXCEPT FOR REDUCTION TO TEMPORARY ONE WAY TRAFFIC CONTROL AS APPROVED BY THE ENGINEER. TRAFFIC MAY NOT BE ROUTED OVER UNPAVED ROADWAYS UNLESS AUTHORIZED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN A SAFE WORKPLACE AT ALL TIMES, INCLUDING, BUT NOT LIMITED TO, PROVIDING FLAGGERS, SAFETY EQUIPMENT, BARRICADES, SAFE PEDESTRIAN PASSAGE ALONG SIDEWALKS, AND MAINTENANCE OF HANDICAP ACCESS THROUGHOUT THE PROJECT SITE WHERE APPLICABLE.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY HOT/COLD MIX (OR AC GRINDINGS WHERE APPROVED BY THE ENGINEER) RAMPS AT DRIVEWAYS, ALLEYS, INTERSECTIONS AND AT THE BEGINNING AND ENDING OF GRADE DROP-OFFS WITHIN THE TRAVEL LANE. RAMPS SHALL BE SUFFICIENTLY SLOPED TO ELIMINATE HAZARDOUS DRIVING CONDITIONS AND SHALL BE NO STEEPER THAN 5% (NO DIRECT PAYMENT)
- THE CONTRACTOR SHALL CONSTRUCT SAFETY SLOPES WHERE PUBLIC TRAFFIC IS EXPOSED TO DROP-OFFS GREATER THAN 4 INCHES DURING NON-WORKING HOURS. DELINEATORS SHALL BE PLACED AT ALL DROP-OFF LOCATIONS AND BARRIER RAILS SHALL BE PLACED WHERE DROP-OFFS EXCEED 18 INCHES. (NO DIRECT PAYMENT)

**GRADING NOTES**

- AREAS TO BE GRADED SHALL BE CLEARED OF BRUSH, VEGETATION, LARGE BOULDERS, AND OTHER DELETERIOUS MATERIALS. WASTE MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR TO A LOCATION APPROVED AND PERMITTED TO RECEIVE SUCH MATERIAL.
- TOPSOIL REMOVED DURING CLEARING ACTIVITIES SHALL BE STOCKPILED WITHIN THE APPROVED LIMITS OF CONSTRUCTION FOR RE-APPLICATION TO SLOPES AND DISTURBED AREAS UPON PROJECT COMPLETION. STOCKPILE LOCATION SHALL BE IN ACCORDANCE WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP), IF APPLICABLE.
- SURPLUS OR WASTE MATERIAL SHALL NOT BE PLACED IN DRAINAGE WAYS.
- CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO CONTROL DUST IN CONSTRUCTION AREAS AND ON SITE ACCESS ROADS. WATER SHALL BE APPLIED TO DISTURBED SURFACES AT A SUFFICIENT FREQUENCY AND QUANTITY FOR DUST CONTROL PURPOSES. ALL EXPOSED SOIL SURFACES WILL BE MOISTENED AS REQUIRED TO AVOID NUISANCE CONDITIONS AND INCONVENIENCES FOR LOCAL RESIDENTS, BUSINESSES, AND TRAVELERS OF NEARBY ROADWAYS.
- CUT AND FILL SLOPES SHALL NOT EXCEED A STEEPNESS OF 2:1 UNLESS OTHERWISE NOTED ON THESE PLANS AND SUPPORTED BY A SITE-SPECIFIC SOILS REPORT OR GEOTECHNICAL INVESTIGATION.
- FINISHED GRADES IN ALL AREAS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THESE PLANS. NO AREAS SHALL BE LEFT SUCH THAT A PONDING CONDITION OCCURS, UNLESS OTHERWISE SPECIFIED.

**EROSION CONTROL NOTES**

- CONSTRUCTION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND/OR REPORT OF THE WASTE DISCHARGE, AS APPLICABLE. STOCKPILED MATERIALS AND EQUIPMENT STORAGE AREAS SHALL BE LOCATED AS SPECIFIED IN THE APPROVED REPORT. TEMPORARY EROSION CONTROL FACILITIES SHALL BE IN PLACE PRIOR TO COMMENCING ANY GRADING OPERATIONS. UPON COMPLETION OF CONSTRUCTION, PERMANENT EROSION CONTROL FACILITIES SHALL BE PLACED AS DESIGNED IN THE APPROVED REPORT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN A COPY OF THE SWPPP ON SITE.
- CONSTRUCTION ACTIVITIES SHALL CEASE BY OCTOBER 15 AND THE PROJECT SHALL BE PREPARED FOR WINTER CONDITIONS AT THAT TIME, INCLUDING STABILIZATION OF ALL EXPOSED SOIL SURFACES WITH ADEQUATE EROSION CONTROL MEASURES.
- DURING CONSTRUCTION, TEMPORARY EROSION CONTROL MEASURES SUCH AS BERMS, SILT FENCES, FIBER ROLLS, EROSION CONTROL BLANKETS, OR OTHER METHODS SHALL BE INSTALLED AS NECESSARY TO PREVENT DISCHARGE OF EARTHEN MATERIALS FROM THE SITE DURING PERIODS OF PRECIPITATION OR RUNOFF. SIMILAR MEASURES SHALL BE INSTALLED ON OR AROUND ANY SOIL STOCKPILE LOCATED ADJACENT TO PUBLIC ROADWAYS, RESIDENCES, OR BUSINESSES, IN THE VICINITY OF BODIES OF WATER, OR WHEN REMAINING ON-SITE FOR AN EXTENDED PERIOD.
- CONTRACTOR SHALL TAKE ALL SUCH MEASURES NECESSARY TO RETAIN SOIL AND SEDIMENT ON-SITE AND TO PREVENT TRACKING OF MUD AND DIRT ONTO PUBLIC ROADWAYS.
- AT NO TIME SHALL THE CONTRACTOR DEWATER THE PROJECT SITE BY PUMPING INTO BODIES OF WATER, STORM DRAINS, OR A SUBDRAIN SYSTEM.

**EXISTING FEATURES**

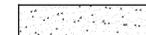


PAVEMENT

**PROPOSED FEATURES**



HOT MIX ASPHALT



PORTLAND CEMENT CONCRETE



SUBGRADE



DEMOLITION



LANDSCAPING



UNIT PAVERS

**SYMBOLS**



← DETAIL IDENTIFICATION NUMBER

← NUMBER OF SHEET ON WHICH DETAIL IS LOCATED

**LEGEND**

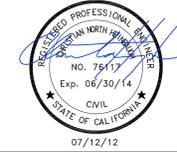
NAME	EXISTING	PROPOSED
MAIL BOX		
STREET LIGHT		
POWER POLE		
SURVEY MONUMENT		
WATER VALVE		
GAS VALVE		
SANITARY SEWER		
SANITARY SEWER CLEANOUT		
GAS METER		
IRRIGATION BOX		
WATER SERVICE		
ELECTRICAL VAULT		
MAJOR CONTOUR		
MINOR CONTOUR		
EDGE OF PAVEMENT		
FENCE		
R.O.W.		
ELEVATION		
IRRIGATION LINE		
ELECTRIC		
GRADE BREAK		
DAYLIGHT SLOPE		

**ABBREVIATIONS**

NOT ALL ABBREVIATIONS LISTED ARE USED IN THESE PLANS

- AC \_\_\_\_\_ ASPHALT CONCRETE
- BC \_\_\_\_\_ BEGIN CURVE
- BW \_\_\_\_\_ BACK OF WALK
- CONC. \_\_\_\_\_ CONCRETE
- CMU \_\_\_\_\_ CONCRETE MASONRY UNIT
- EC \_\_\_\_\_ END CURVE
- (E), EXIST. \_\_\_\_\_ EXISTING
- EG \_\_\_\_\_ EXISTING GROUND
- EP \_\_\_\_\_ EDGE OF PAVEMENT
- FG \_\_\_\_\_ FINISH GRADE
- FL \_\_\_\_\_ FLOW LINE
- HMA, HMAC \_\_\_\_\_ HOT MIX ASPHALT CONCRETE
- HP \_\_\_\_\_ HIGH POINT
- LR \_\_\_\_\_ LINER FEET
- \_\_\_\_\_ LIP OF GUTTER
- MIN. \_\_\_\_\_ MINIMUM
- MAX. \_\_\_\_\_ MAXIMUM
- M.D.D. \_\_\_\_\_ MAXIMUM DRY DENSITY
- N.I.C. \_\_\_\_\_ NOT IN CONTRACT
- N.T.S. \_\_\_\_\_ NOT TO SCALE
- OC \_\_\_\_\_ ON CENTER
- PCC \_\_\_\_\_ PORTLAND CEMENT CONCRETE
- PED \_\_\_\_\_ PEDESTRIAN
- PWMT. \_\_\_\_\_ PAVEMENT
- R.O.W. \_\_\_\_\_ RIGHT OF WAY
- SF \_\_\_\_\_ SQUARE FEET
- STD. \_\_\_\_\_ STANDARD
- TBC \_\_\_\_\_ TOP BACK OF CURB
- TYP \_\_\_\_\_ TYPICAL





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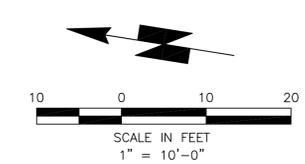
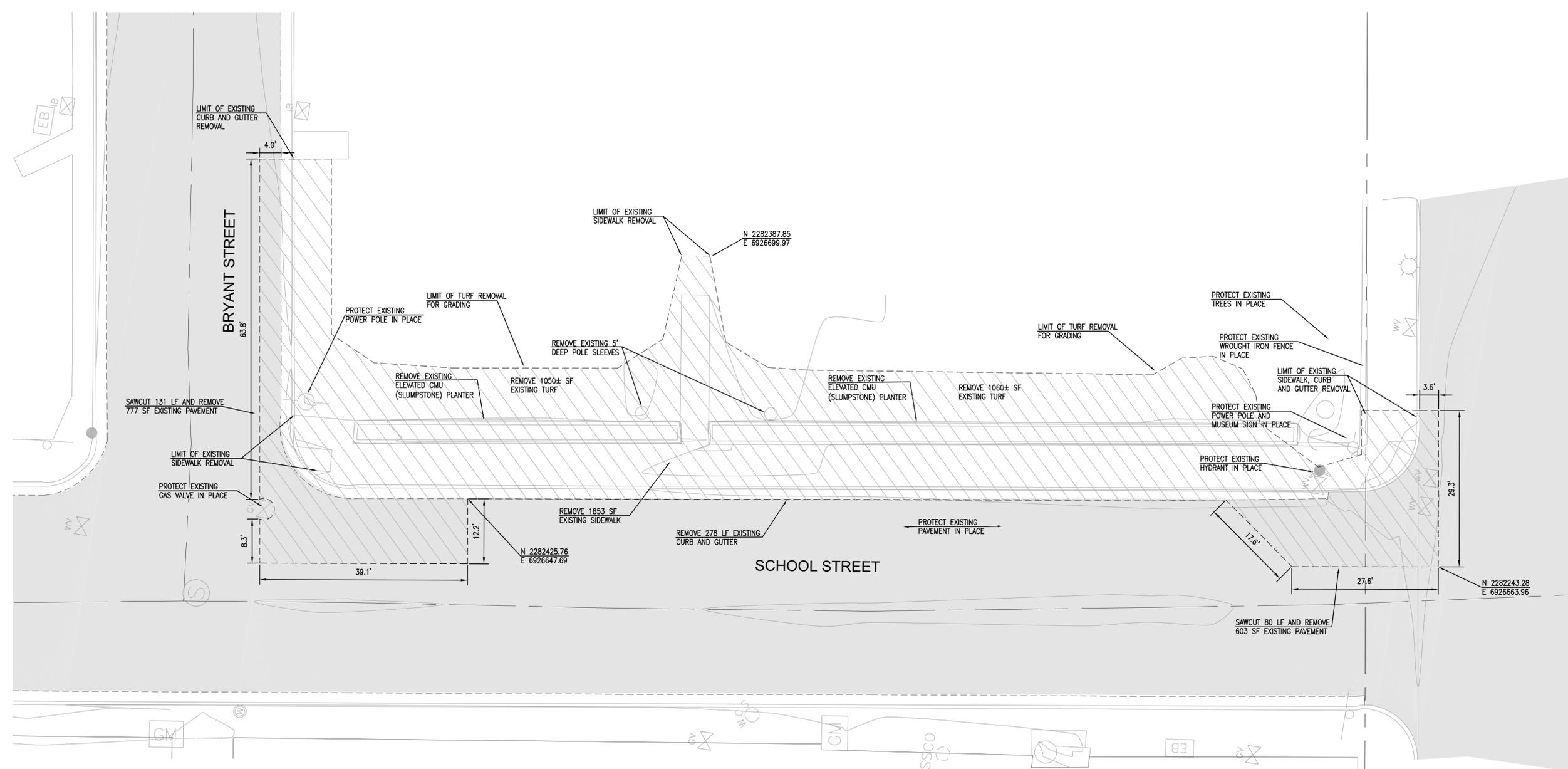
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SHEET TITLE

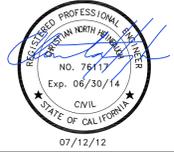
**SCHOOL STREET PLAZA DEMOLITION PLAN**

DRAWING  
**C1**









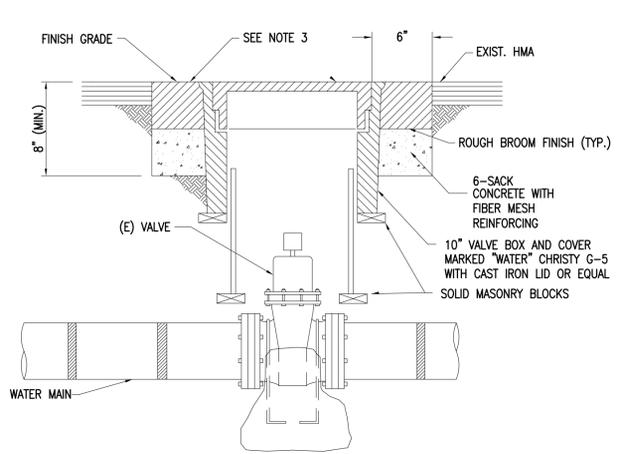
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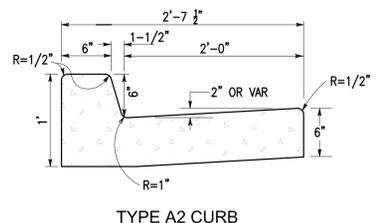
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<b>DETAILS</b>	
DRAWING	
<b>D1</b>	
SHEET	6 OF 14



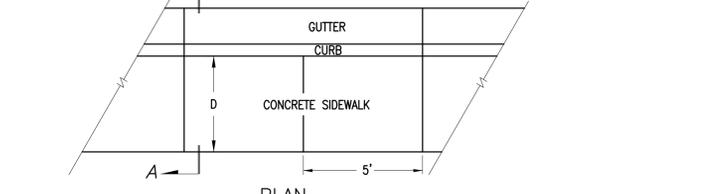
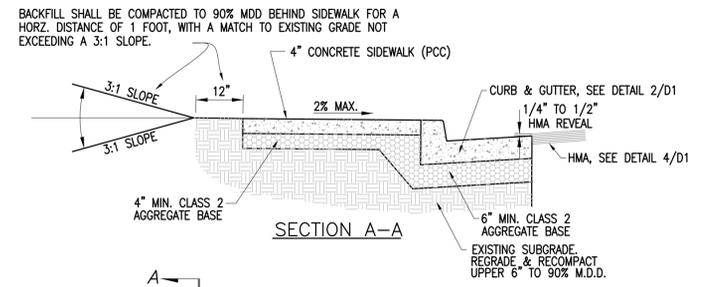
- NOTE:**
- CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 90-2 OF THE STANDARD SPECIFICATIONS FOR MINOR CONCRETE.
  - IN ALL AREAS, LIDS SHALL BE SET FLUSH WITH FINISH GRADE UNLESS OTHERWISE NOTED.
  - THE CONCRETE COLLAR SHALL BE LEFT 2-1/2" - 3" BELOW FINISHED ASPHALT SURFACE. APPLY AN APPROVED TACK COAT AND FILL VOID BETWEEN ADJACENT PAVEMENT AND FRAME WITH HMA. FOG SEAL PAVED SURFACE. ALL CUTS IN HMA SHALL BE STRAIGHT & EVEN.

**1 VALVE BOX ADJUSTMENT**  
 D1 N.T.S.



- NOTES:**
- DIFFERENCE IN SLOPE OF THE DRIVEWAY RAMP AND THE SLOPE OF A LINE BETWEEN THE GUTTER AND A POINT ON THE ROADWAY 5'-0" FROM GUTTER LINE SHALL NOT EXCEED 15%. REDUCE DRIVEWAY RAMP SLOPE, NOT GUTTER SLOPE, WHERE REQUIRED.
  - ACROSS THE PEDESTRIAN ROUTE AT CURB RAMP LOCATIONS, THE GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH.
  - FIBER-REINFORCED PORTLAND CEMENT CONCRETE (PCC) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 5000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 770 LBS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 170 4 INCHES. ALL WORK AND MATERIALS SHALL CONFORM TO SECTION 73 "CONCRETE CURBS AND SIDEWALKS" OF THE STANDARD SPECIFICATIONS (2010). POLYPROPYLENE FIBERS SHALL BE ADDED TO THE PCC PER THE MANUFACTURER'S RECOMMENDATIONS.

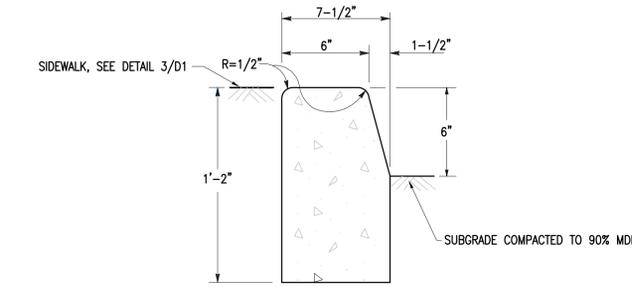
**2 CURB AND GUTTER**  
 D1 N.T.S.



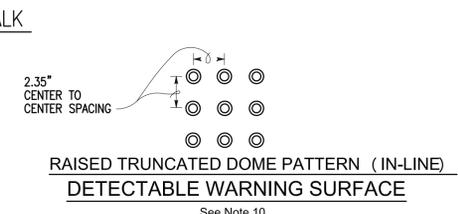
- NOTES:**
- MIN. CURB RADIUS SHALL BE 20 FEET, UNLESS OTHERWISE SPECIFIED.
  - WEAKENED PLANE JOINTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLAN VIEW AND SECTION 73-1.03E "EXPANSION AND CONTRACTION JOINTS" OF THE STANDARD SPECIFICATIONS (2010).
  - COLOR CONCRETE IS NOT ALLOWED, UNLESS APPROVED BY THE ENGINEER.
  - ON SIDEWALKS WIDER THAN 5', JOINTING PATTERN SHALL BE .8 TO 1.2 TIMES THE WIDTH OF THE SIDEWALK.
  - SIDEWALK WIDTH "D" SHALL BE 4' MIN. ON RESIDENTIAL STREETS AND 6' MIN. ON COLLECTOR AND ARTERIAL STREETS.
  - FIBER-REINFORCED PORTLAND CEMENT CONCRETE (PCC) SHALL HAVE THE FOLLOWING CHARACTERISTICS: 5000 PSI MIN. COMPRESSIVE STRENGTH AT 28 DAYS, MIN. 770 LBS OF CEMENT PER CUBIC YARD WITH MAX. WATER-CEMENT RATIO OF 0.45, AIR ENTRAINMENT 6% ±1.5%, SLUMP AT 170 4 INCHES. ALL WORK AND MATERIALS SHALL CONFORM TO SECTION 73 "CONCRETE CURBS AND SIDEWALKS" OF THE STANDARD SPECIFICATIONS (2010). POLYPROPYLENE FIBERS SHALL BE ADDED TO THE PCC PER THE MANUFACTURER'S RECOMMENDATIONS.
  - NO CONCRETE SHALL BE PLACED UNTIL FORMS AND SUBGRADE ARE INSPECTED BY THE ENGINEER.
  - CONCRETE REMOVAL SHALL BE TO NEAT SAW CUT LINES.

**3 SIDEWALK**  
 D1 N.T.S.

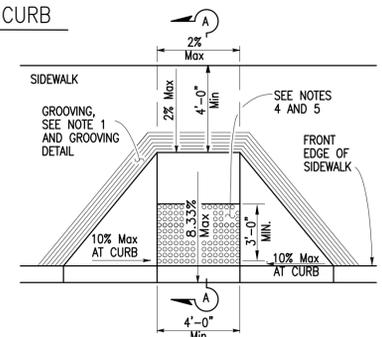
**4 HMA PAVEMENT PATCH SECTION**  
 D1 N.T.S.



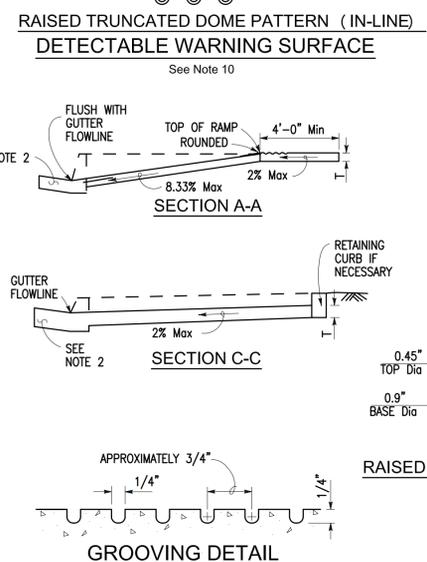
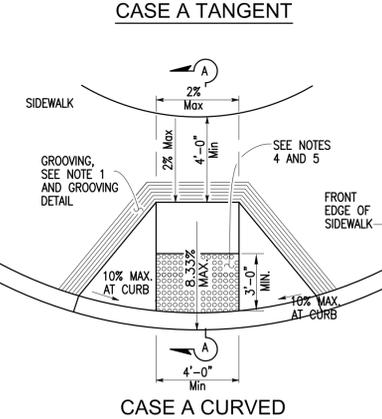
**5 TYPE 1A-6 CURB**  
 D1 N.T.S.



**6 CURB RAMP**  
 D1 N.T.S.



**7 CROSSWALK STRIPE**  
 D1 N.T.S.



- NOTES:**
- THE CURB RAMP SHALL BE OUTLINED, AS SHOWN, WITH A 1'-0" WIDE BORDER WITH 1/4" GROOVES APPROXIMATELY 3/4" ON CENTER. SEE GROOVING DETAIL.
  - TRANSITIONS FROM RAMP AND LANDING TO WALKS, GUTTERS OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
  - MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT EXCEED 5 PERCENT WITHIN 4'-0" OF THE TOP AND BOTTOM OF THE CURB RAMP.
  - CURB RAMP SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE DETAILS ON THIS PLAN AND THE REQUIREMENTS IN THE SPECIAL PROVISIONS AND TECHNICAL SPECIFICATIONS.
  - THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.
  - SIDEWALK AND RAMP THICKNESS, "T", SHALL BE 4".
  - RADIUS AS SHOWN ON PLANS OR MATCH EXISTING FOR CURVED CONDITION.





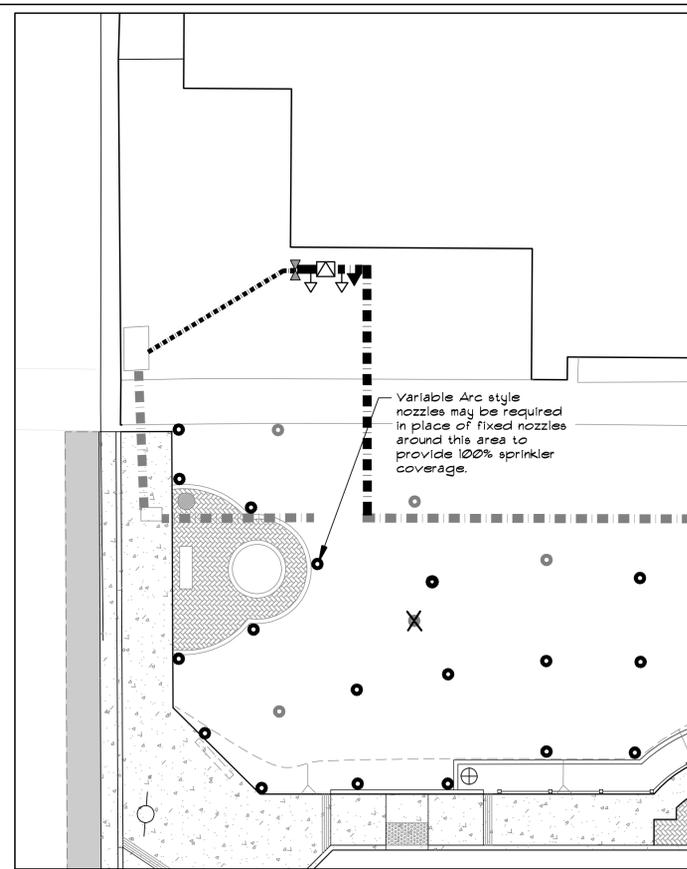






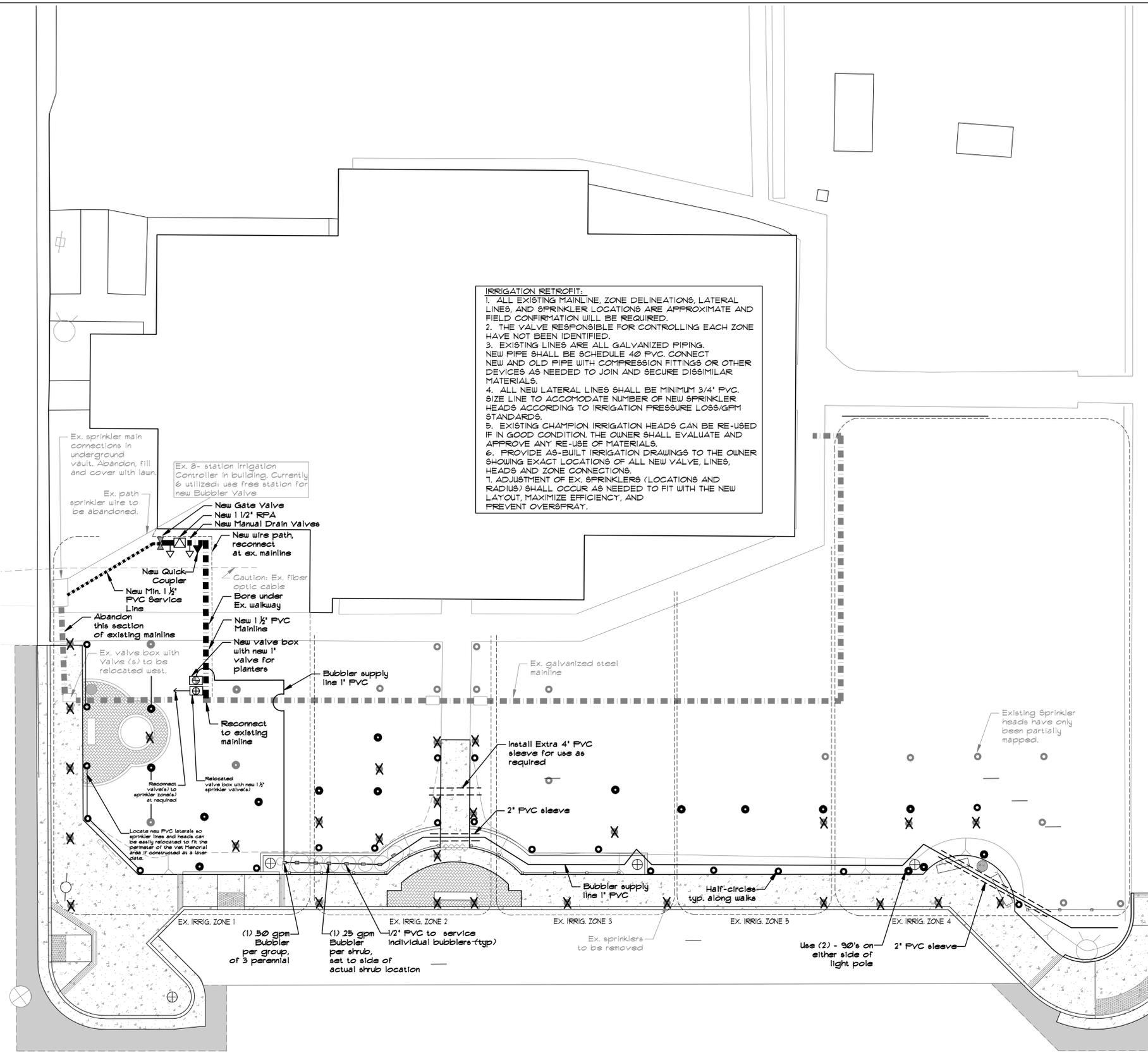
**BRIDGEPORT STREETS REHABILITATION PROJECT**

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PROPOSED SPRINKLER LAYOUT WITH VETERANS MEMORIAL BID ALTERNATE

**IRRIGATION RETROFIT:**  
 1. ALL EXISTING MAINLINE, ZONE DELINEATIONS, LATERAL LINES, AND SPRINKLER LOCATIONS ARE APPROXIMATE AND FIELD CONFIRMATION WILL BE REQUIRED.  
 2. THE VALVE RESPONSIBLE FOR CONTROLLING EACH ZONE HAVE NOT BEEN IDENTIFIED.  
 3. EXISTING LINES ARE ALL GALVANIZED PIPING. NEW PIPE SHALL BE SCHEDULE 40 PVC. CONNECT NEW AND OLD PIPE WITH COMPRESSION FITTINGS OR OTHER DEVICES AS NEEDED TO JOIN AND SECURE DISSIMILAR MATERIALS.  
 4. ALL NEW LATERAL LINES SHALL BE MINIMUM 3/4" PVC. SIZE LINE TO ACCOMMODATE NUMBER OF NEW SPRINKLER HEADS ACCORDING TO IRRIGATION PRESSURE LOSS/GPM STANDARDS.  
 5. EXISTING CHAMPION IRRIGATION HEADS CAN BE RE-USED IF IN GOOD CONDITION THE OWNER SHALL EVALUATE AND APPROVE ANY RE-USE OF MATERIALS.  
 6. PROVIDE AS-BUILT IRRIGATION DRAWINGS TO THE OWNER SHOWING EXACT LOCATIONS OF ALL NEW VALVE, LINES, HEADS AND ZONE CONNECTIONS.  
 7. ADJUSTMENT OF EX. SPRINKLERS (LOCATIONS AND RADIUS) SHALL OCCUR AS NEEDED TO FIT WITH THE NEW LAYOUT, MAXIMIZE EFFICIENCY, AND PREVENT OVERSPRAY.



**IRRIGATION LEGEND**

- Gate/Isolation Valves sized to line.
- 1" Brass manual drain with crossstop. Locates wherever needed to facilitate winter draindown.
- 1 1/2" Reduced Pressure Backflow Device. Winter protective cover (TBD)
- 1 1/2" Replacement Sprinkler Valve: RainBird PEB globe valve
- Shrub Bubbler Valve: RainBird 1" PEB globe valve
- Quick Coupler: RainBird 44 RC, 1" (or equal)
- Piping: all schedule 40 PVC. Pressure test lines and lay valve wires prior to backfilling trenches.
- Existing Mainline
- Proposed 2" Mainline replacement, 24" deep
- Proposed 2" Service Line to RPA, 36" deep
- Sprinkler and Bubbler laterals, 12" deep
- Sleeving: refer to plan. Sleeving min. 2x the diameter of the piping to be sleeved.
- Existing Pop-up Sprinklers, products vary.
- Existing Sprinklers to be removed, salvaged if in good condition, and/or relocated.
- Proposed 4" Pop-up Sprinklers: use Champion Road Brass sprinklers - full circle, half circle, and quarter circle as indicated. Radius selection to fit plan spacing.
- Pressure Compensating Full-Circle Bubbler, Trickle Pattern  
 RainBird 140: 50 GPM  
 RainBird 140: 25 GPM

NO.	DATE	DESCRIPTION

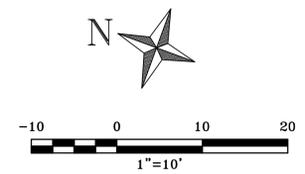
PROJECT NO: **A221.08.14**  
 DESIGNED BY: **SW**  
 DRAWN BY: **SW**  
 CHECKED BY: **CH** DATE: **07-12-12**  
 DATE: **07-12-12**

SHEET TITLE

**IRRIGATION PLAN**

DRAWING  
**L4**

PROPOSED SPRINKLER LAYOUT WITHOUT VETERANS MEMORIAL BID ALTERNATE



SCHOOL STREET







