





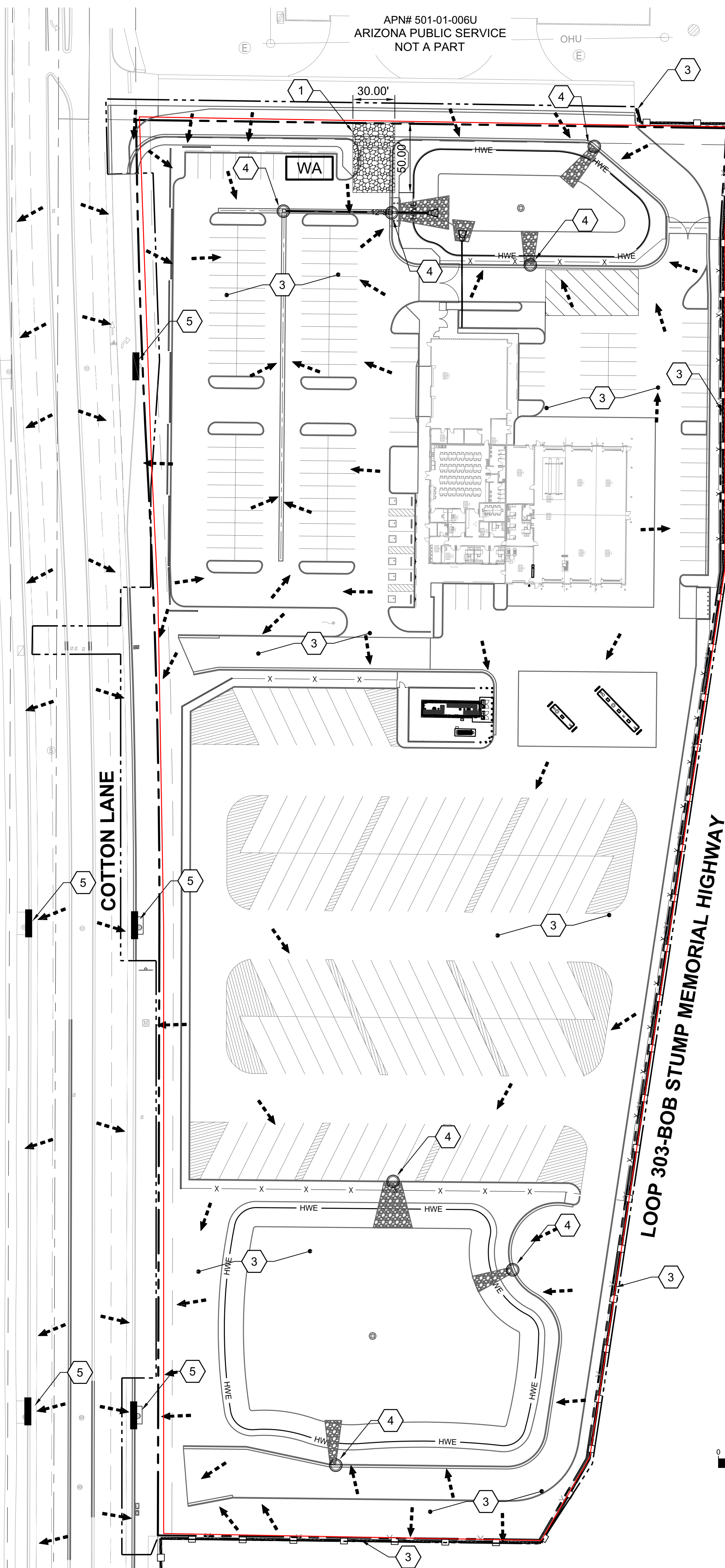
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- ENGINEER SWPPP NOTES:**
1. THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS INTENDED FOR GUIDANCE AND IS PROVIDED TO THE CONTRACTOR FOR INFORMATION ONLY. THE CONTRACTOR MUST SUBMIT A SWPPP 14 DAYS BEFORE CONSTRUCTION. THE SWPPP MUST BE APPROVED BY THE TAA BEFORE CONSTRUCTION CAN BEGIN.
  2. THIS PLAN SHOWS THE OVERALL PLACEMENT OF TEMPORARY EROSION CONTROL DEVICES AND THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING AND KEEPING THE DEVICES CURRENT TO CONSTRUCTION ACTIVITIES.
  3. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH SWPPP MEASURES AND FAA REQUIREMENTS.
  4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP OF SILT AND MUD AT SITE AND STORM DRAIN SYSTEM DUE TO CONSTRUCTION ACTIVITY.
  5. THE CONTRACTOR SHALL CHECK SWPPP AND MAINTAIN ALL LINED AND UNLINED DITCHES AFTER EACH RAINFALL. CONTRACTOR SHALL REMOVE SILT AND DEBRIS AFTER EACH MAJOR STORM.
  6. THE CONTRACTOR SHALL INSTALL ADDITIONAL EROSION/SEDIMENT CONTROL MEASURES AS MAY BE REQUIRED BY THE RESIDENT ENGINEER DUE TO UNCOMPLETED GRADING OPERATIONS OR UNFORESEEN CIRCUMSTANCES, WHICH MAY ARISE.
  7. IN ACCORDANCE WITH THE SEEDING SPECIFICATION WITHIN THE FRONT END DOCUMENTS, EXISTING VEGETATION WILL BE PRESERVED. CLEARING LIMITS SHALL BE CONFINED TO AREAS THAT REQUIRE GRADING. EXISTING VEGETATION OUTSIDE THE BOUNDARIES OF THE CLEARED AREA SHALL BE PROTECTED FROM DAMAGE BY CONSTRUCTION ACTIVITIES. EXISTING TREES WITHIN THE AREA TO BE CLEARED AND SHALL BE PRESERVED AND PROTECTED, WHEREVER POSSIBLE.
  8. ALL DISTURBED SOIL, WHICH WILL NOT BE PAVED, RIP-RAPPED, OR OTHERWISE COVERED TO PREVENT EROSION, WILL BE REVEGETATED AND/OR LANDSCAPED IN ACCORDANCE WITH THE PROJECT PLANS AND SPECIFICATIONS.
  9. SPILL PREVENTION: THE PROCEDURES OUTLINED IN THE BEST MANAGEMENT PRACTICES, LISTED UNDER POLLUTION CONTROL MEASURES WILL BE FOLLOWED TO PREVENT AND CONTAIN SPILLS OF HAZARDOUS MATERIAL. THESE PREVENTATIVE ACTIONS INCLUDE BMP'S ON EQUIPMENT MAINTENANCE AND PROPER HANDLING, STORAGE, AND DISPOSAL OF CHEMICALS AND MATERIAL. ALL MANUFACTURER'S RECOMMENDATIONS FOR USAGE, CLEAN UP AND DISPOSAL SHALL BE FOLLOWED.
  10. SPILL RESPONSES: IN THE EVENT OF AN ACCIDENTAL SPILL OF CHEMICALS OR HAZARDOUS MATERIALS, CONTACT TAA ENVIRONMENTAL DEPARTMENT AND FIRE DEPARTMENT.

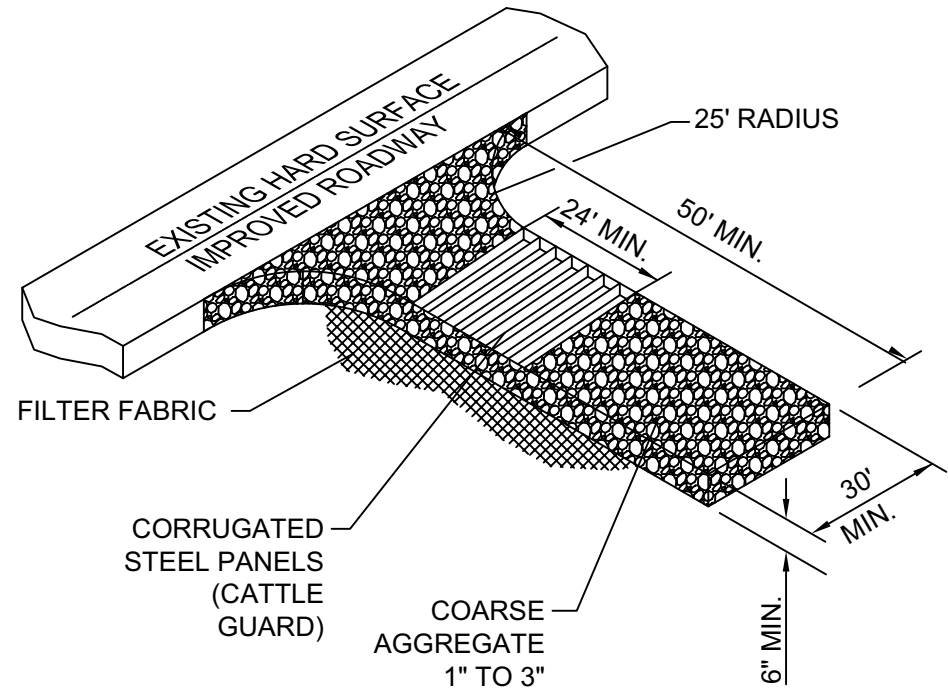
- EROSION AND SEDIMENT CONTROL NOTES:**
1. PRIOR TO OR IMMEDIATELY FOLLOWING CLEARING & GRUBBING, AND AS PART OF THE INITIAL ROUGH GRADING, ALL RETENTION BASINS SHALL BE CUT TO GRADE. THE BASINS SHALL CONSTITUTE THE REQUIRED SEDIMENT BASINS. GRADES SHALL BE CUT (OR BERMING OR STRAW BALES SHALL BE PROVIDED) PER THIS PLAN TO ASSURE THAT RUNOFF IS CONVEYED TO THE RETENTION BASINS.
  2. A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF A MINIMUM OF 6" OF COMPACTED ABC SHALL BE INSTALLED AS SHOWN. ALL CONSTRUCTION TRAFFIC SHALL ENTER THROUGH THIS ENTRANCE. THE STABILIZED CONSTRUCTION ENTRANCE SHALL BE RE-GRADED OR REPLACED WHEN IT BECOMES SATURATED OR MATTED WITH SITE SOILS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE SHALL BE SWEEPED ON A REGULAR BASIS TO REMOVE ANY EXCESS MUD OR DIRT TRACKED FROM THE SITE.
  3. ANY DISTURBED AREAS WHERE CONSTRUCTION HAS PERMANENTLY OR TEMPORARILY CEASED SHALL BE STABILIZED TO PREVENT EROSION. AN ACCEPTABLE STABILIZATION METHOD IS HYDROSEEDING AND WATERING. AREAS WHICH WILL BE DISTURBED WITHIN 21 DAYS OF CEASING CONSTRUCTION DO NOT HAVE TO BE STABILIZED.
  4. THE CATCH BASIN LOW POINTS SHALL ALSO ACT AS THE REQUIRED SEDIMENT BASINS FOR THE PROJECT. THEY SHALL BE INSPECTED ON A MONTHLY BASIS AND AFTER EVERY HEAVY RAINFALL. SEDIMENT SHALL BE REMOVED FROM THE BASINS AS NECESSARY TO MAINTAIN A MINIMUM OF 75% OF REQUIRED CAPACITY OF THE BASIN DURING CONSTRUCTION AND 100% OF THEREAFTER.
  5. THE SWPPP IS USED TO MAINTAIN ALL STORM WATER POLLUTANTS AND SEDIMENT. HOWEVER, IF ANY OFF-SITE ACCUMULATION OF SEDIMENT OR POLLUTANTS OCCUR, IMMEDIATE ACTION IS REQUIRED TO REMOVE THIS ACCUMULATION.
  6. BASED ON PINAL COUNTY DESIGN STORM WATER STANDARDS, STORM WATER IS NOT TO EXCEED PRE-DEVELOPMENT LEVELS. ON-SITE RETENTION, PERCOLATION, AND DRYWELLS WILL ENSURE THAT THESE PRE-DEVELOPMENT LEVELS WILL NOT BE EXCEEDED.
  7. VELOCITY DISSIPATION IS ACCOMPLISHED WITH THE USE OF RIPRAP AND/OR BUBBLE-UP STRUCTURES AT STORM WATER OUTFLOW LOCATIONS WHERE APPLICABLE.

- SWPPP NOTES:**
1. CONSTRUCT AND MAINTAIN STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF A MINIMUM OF SIX (6) INCHES OF ONE (1) INCH TO THREE (3) INCH DIAMETER CRUSHED ROCK PER DETAIL E1 ON THIS SHEET.
  2. APPLY DUST CONTROL MEASURES WITHIN LIMITS OF DISTURBANCE PRIMARILY BY THE USE OF WATER.
  3. PLACE STRAW WATTLE PER DETAIL E2. USE SANDBAGS TO SECURE STRAW WATTLE WHEN PLACED ON ASPHALT.
  4. APPLY INLET PROTECTION PER DETAIL E3 AND E4.
  5. APPLY CURB INLET PROTECTION PER DETAIL E5.

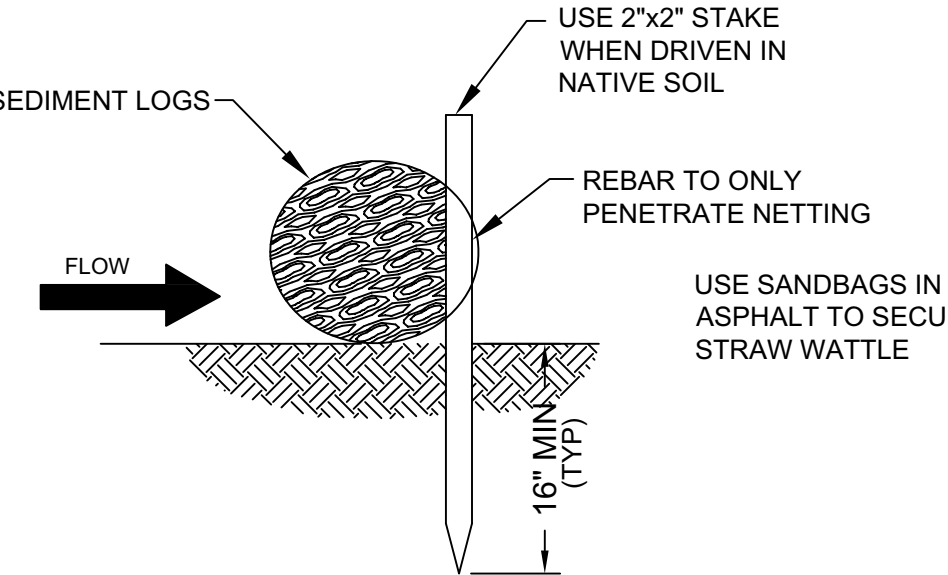
- SWPPP LEGEND:**
- > DRAINAGE FLOW ARROW
  - [Pattern] CONSTRUCTION ENTRANCE
  - [Pattern] LAYDOWN/STOCKPILE AREAS
  - [Symbol] STRAW WATTLE
  - LIMITS OF CONSTRUCTION
  - [Symbol] INLET/OUTLET PROTECTION
  - [Symbol] CURB INLET PROTECTION
  - WA CONCRETE WASHOUT AREA



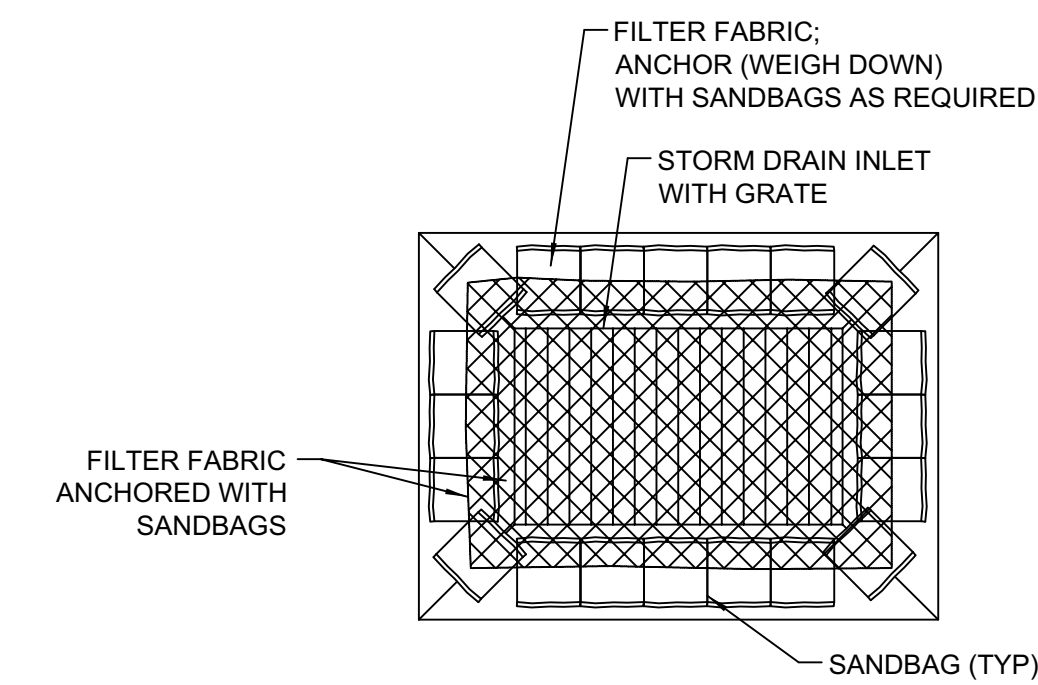
STAGE OF CONSTRUCTION	CONSTRUCTION ACTIVITY AND BMP DESCRIPTIONS
INITIAL STAGE	1. INSTALL PERIMETER STRAW WADDLES. 2. INSTALL STORM DRAIN INLET PROTECTION ON COTTON LANE AND DRIVEWAY BETWEEN PROJECT SITE AND EXISTING APS FACILITY. 3. CONSTRUCT STABILIZED CONSTRUCTION EXITS.
INTERIM STAGE	1. BEGIN SITE CLEARING AND GRUBBING OPERATIONS. 2. BEGIN OVERALL SITE GRADING AND TOPSOIL STRIPPING/REMOVAL OF ORGANICS. 3. ESTABLISH TOPSOIL/ORGANIC MATERIAL STOCKPILE. 4. INSTALL STRAW WADDLES AROUND STOCKPILE AND COVER STOCKPILE. 5. APPLY DUST CONTROL MEASURES TO DISTURBED GROUND WITH WATER TRUCKS. 6. CONSTRUCT STAGING AND MATERIAL STORAGE AREAS. 7. INSTALL TEMPORARY UTILITY, SANITARY SEWERS, AND WATER SERVICES NEEDED FOR CONSTRUCTION. 8. CONSTRUCT CONCRETE WASHOUT AREA. 9. BEGIN CONSTRUCTION OF BUILDING FOUNDATION, AND STRUCTURE. 10. BEGIN CONSTRUCTION OF SITE WORK, INCLUDING SUBGRADE PREP, CURB & GUTTERS, SITE WALLS, AND OTHER NEEDED WORK. 11. INSTALL AC AND CONCRETE PAVEMENT FOR SITE WORK.
FINAL STAGE	1. REMOVE TEMPORARY CONCRETE WASHOUT AREA. 2. INSTALL STORM DRAIN OUTLET PROTECTION (I.E. RIP RAP) 3. REMOVE ALL TEMPORARY CONTROL BMP'S AND STABILIZE ANY AREAS DISTURBED BY THEIR REMOVAL WITH ACCEPTED EROSION CONTROLS. 4. PREPARE FINAL SEEDING AND LANDSCAPING FOR SITE. 5. APPLY ANY DUST PALLATIVE OR SOIL STABILIZATION FOR AREAS DISTURBED THAT WILL NOT HAVE LANDSCAPING. 6. MONITOR STABILIZED AREAS UNTIL STABILIZATION IS REACHED FOR SITE.



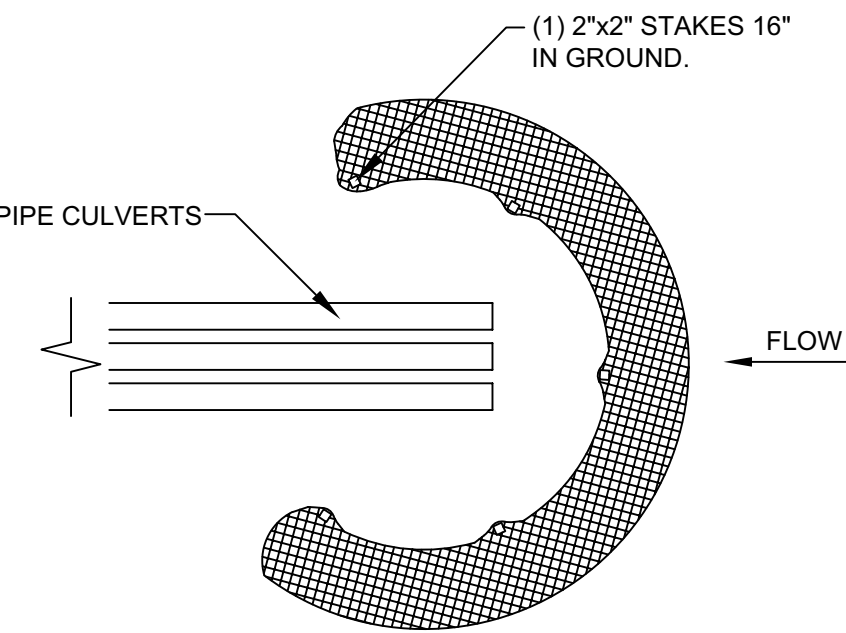
E1 CONSTRUCTION ENTRANCE DETAIL  
N.T.S.



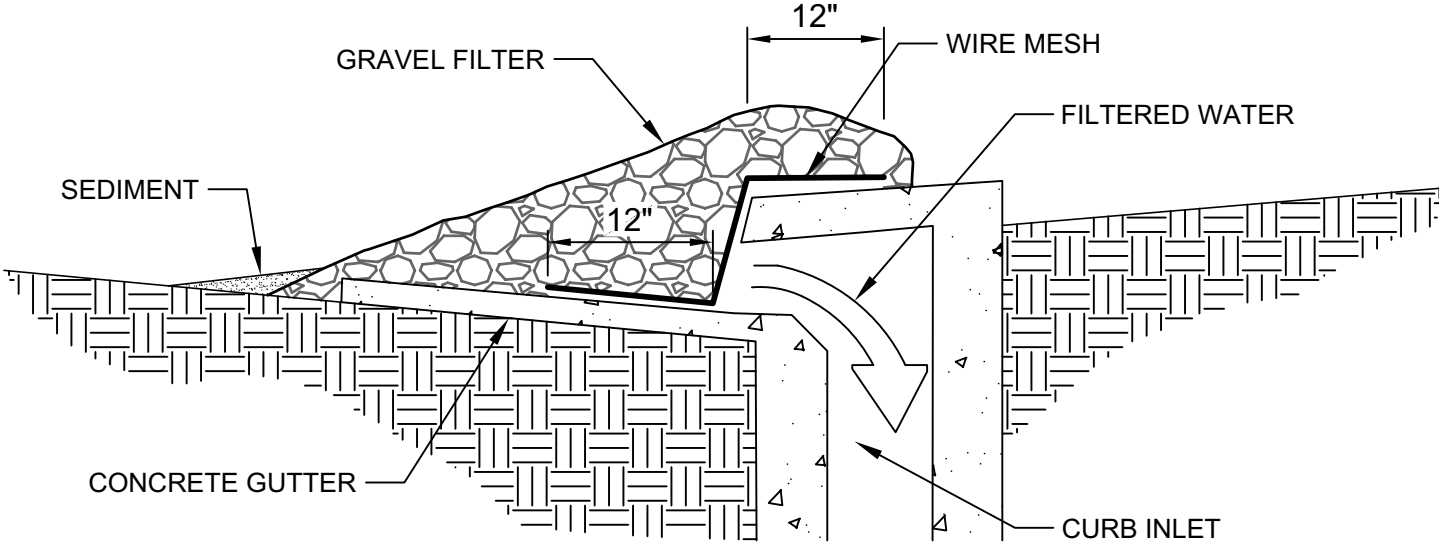
E2 STRAW WATTLE DETAIL  
N.T.S.



E3 STORM DRAIN INLET PROTECTION  
N.T.S.



E4 STRAW WATTLE DETAIL  
N.T.S.



E5 CURB INLET PROTECTION  
N.T.S.



CONSTRUCTION DOCUMENTS



REV.	

AFUHS  
TRANSPORTATION  
CENTER

COTTON LANE GOODYEAR, AZ	
DESIGNED:	JLP
DATE:	NOV. 8, 2021
DRAWN:	SAW
PROJ.	21-102
SCALE:	1" = 50'

SWPP PLAN

DWG. NO.  
SWPP-02