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# SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT (SMCCCD) PARKING LOT MAINTENANCE PROJECT AT

# COLLEGE OF SAN MATEO

CITY OF SAN MATEO

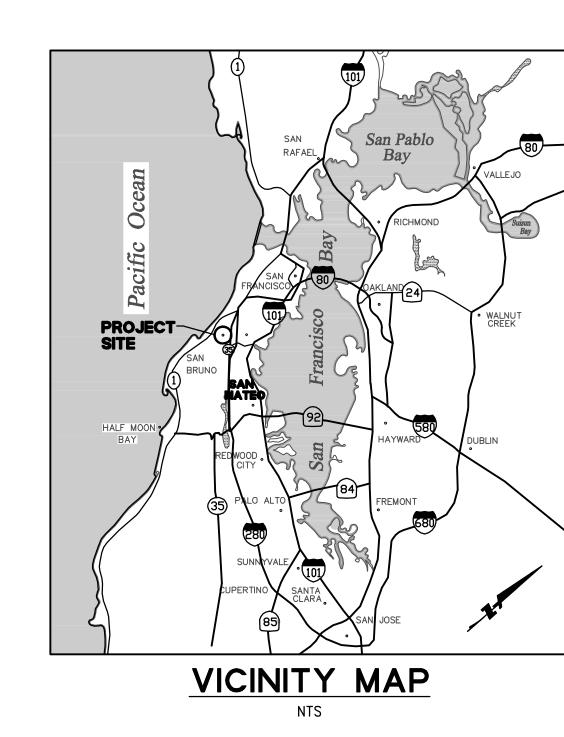
SAN MATEO COUNTY

**CALIFORNIA** 

#### **GENERAL NOTES**

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- 2. THESE PLANS HAVE BEEN CHECKED BY SMCCCD FOR CONFORMANCE WITH THE DISTRICTS STANDARDS, BUT SUCH CHECKING BY THE DISTRICT DOES NOT RELIEVE THE CONTRACTOR FROM ITS RESPONSIBILITY TO FIND AND CORRECT ERRORS, OMISSIONS AND/OR MAKE CHANGES REQUIRED BY CONDITIONS DISCOVERED IN THE FIELD DURING THE COURSE OF CONSTRUCTION ACTIVITIES. ANY REQUEST BY THE CONTRACTOR TO CHANGE THESE PLANS SHALL BE SUBMITTED IN WRITING TO THE ENGINEER.
- 2. TRAFFIC CONTROL SIGNS SHALL BE INSTALLED AT THE DIRECTION OF THE DISTRICT AND PER DESIGN STANDARDS AND STANDARD SPECIFICATIONS.
- 3. ALL PAINTED STRIPIES AND MARKINGS SHALL CONFORM TO THE DISTRICT DESIGN STANDARDS AND STANDARD SPECIFICATIONS. STRIPING SHALL INCLUDE STOP BARS, CENTERLINE STRIPING OR MARKERS, CROSSWALKS AND ALL OTHER MARKINGS AS REQUIRED PER THE DISTRICT STANDARDS.
- 4. ALL STREET MONUMENTS, LOT CORNER, AND OTHER PERMANENT PIPE OR MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. A RECORD OF SURVEY SHALL BE PREPARED FOR ALL MONUMENTS, LOT CORNERS, AND OTHER PERMANENT PIPE OR MONUMENTS DISTURBED DURING CONSTRUCTION. THE COST FOR THE RECORD OF SURVEY SHALL BE THE SOLE RESPONSIBILITY OF THE
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- 6. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED UP AND LEFT FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR TO THE SATISFACTION OF THE DISTRICT
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- 16. THE CONTRACTOR AND SUBCONTRACTORS AGREE THAT THEY ASSUME SOLE RESPONSIBILITY AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD BKF, AND THE DISTRICT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FORM THE SOLE NEGLIGENCE OF THE DISTRICT OR THE ENGINEER.
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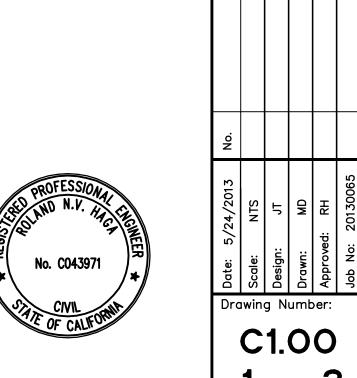
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- 29. A CONTAINED AND COVERED AREA ON SITE SHALL BE USED FOR STORAGE OF CEMENT BAGS, PAINTS, FLAMMABLES, OILS, FERTILIZERS, OR ANY OTHER MATERIALS THAT HAVE POTENTIAL FOR BEING DISCHARGED TO THE STORM DRAIN SYSTEM BY WIND OR IN THE EVENT OF A MATERIAL SPILL.
- 30. THE CONSULTING 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.
- 31. NO FIELD CHANGES SHALL BE MADE WITHOUT PRIOR AUTHORIZATION FROM HE DISTRICT AND CONSULTING ENGINEER. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE DISTRICT AND CONSULTING ENGINEER.
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- 34. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE 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. THIS SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT TO BE LIMITED TO NORMAL WORKING HOURS, AND CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE OWNER, THE OWNER'S REPRESENTATIVES AND ENGINEERS 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 CONSULTING ENGINEER.



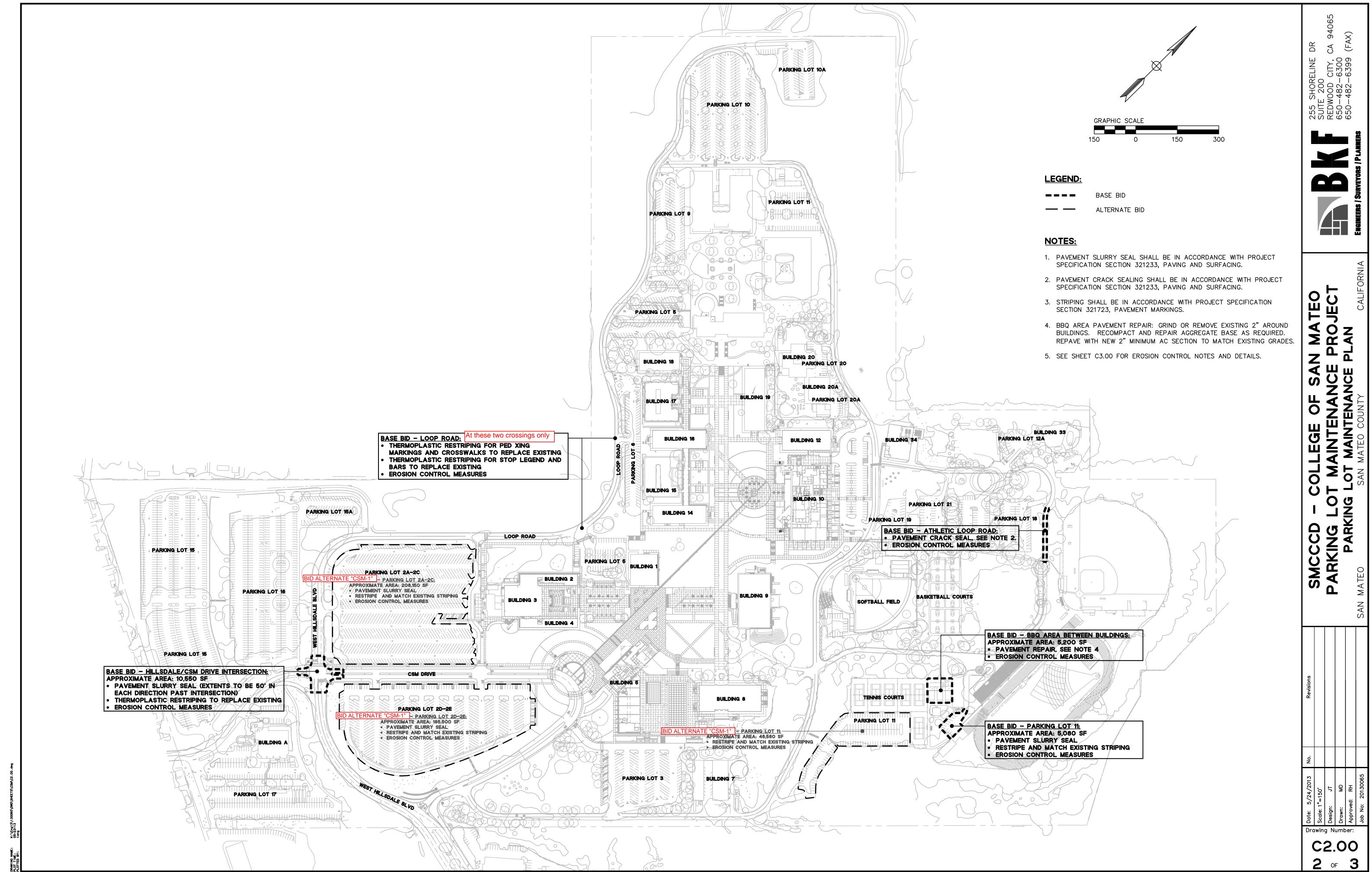


SHEET NO DESCRIPTION

C1.00 TITLE SHEET
C2.00 PARKING LOT MAINTENANCE PLAN
C3.00 EROSION CONTROL NOTES AND DETAILS



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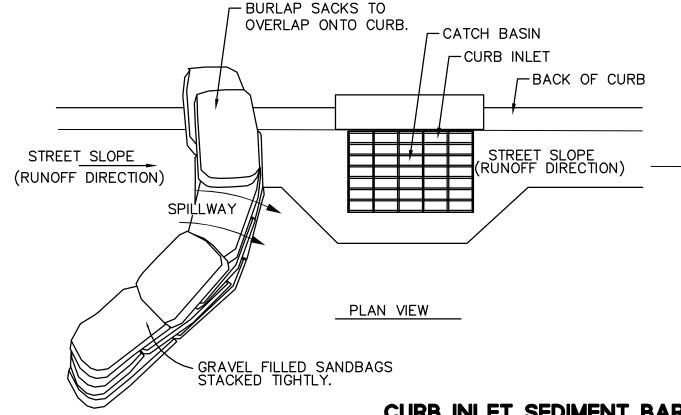
C3.00 **3** of **3** 

CURB INLET -PONDING HEIGHT SIDEWALK SPILLWAY CATCH BASIN STREET SLOPE (RUNOFF DIRECTION)

SECTION A-A

- 1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREETS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.
- 2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.
- 3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW.
- 4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

#### <u>CURB INLET SEDIMENT BARRIER - SUMP</u>



PLAN VIEW

-CATCH BASIN

CURB INLET

BACK OF CURB

GRAVEL FILLED SANDBAGS

**SPILLWAY** 

ARE STACKED TIGHTLY.

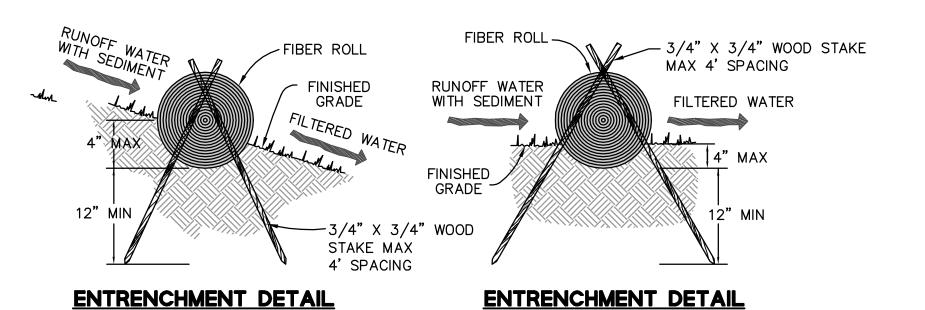
STREET SLOPE

(RUNOFF DIRECTION)

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- 3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW. TOP OF SPILLWAY SHALL BE LOWER THAN TOP OF CURB.
- 4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

#### CURB INLET SEDIMENT BARRIER - CONTINUOUS GRADE





IN FLAT AREA

#### NOTES:

IN SLOPE AREA

- 1. PREPARE SLOPE BEFORE THE FIBER ROLL PROCEDURE IS STARTED.
- 2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 4" DEEP, RUN PARALLEL TO THE CONTOUR. INSTALL FIBER ROLL FROM THE BOTTOM OF THE SLOPE AND WORK UP.
- 3. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE FIBER ROLL AND INTO THE SOIL FOR WOODEN STAKES.
- 4. DRIVE THE STAKE THROUGH THE PREPARED HOLE INTO THE SOIL. LEAVE ONLY ONE OR TWO INCHES OF STAKE EXPOSED ABOVE FIBER ROLL.
- 5. INSTALL STAKES AT LEAST EVERY THREE FEET APART THROUGH THE FIBER ROLL.
- 6. ADJACENT FIBER ROLLS SHALL BE TIGHTLY ABUT.
- 7. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
- 8. INSTALL AT LOCATIONS SHOWN ON PLANS. IN SLOPE AREAS SPACE FIBER ROLLS EVERY 10 VERTICAL FEET ON SLOPE.



- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2. ALTHOUGH SPECIFIC LOCATIONS FOR SEDIMENT CONTROL FACILITIES ARE SHOWN ON THESE PLANS, IT IS INTENDED THIS EROSION CONTROL PLAN BE MODIFIED WHEN NECESSARY TO MEET FIELD CONDITIONS. BASIN AND TRAP SIZES AND ELEVATIONS MAY BE ADJUSTED AS LONG AS THE MINIMUM AREAS AND DEPTHS FOR SEDIMENTS SETTLING AND STORAGE ARE NOT REDUCED.
- 3. THE CONTRACTOR SHALL UPDATE THE PLANS TO REFLECT CHANGING SITE CONDITIONS. PLAN UPDATES SHALL BE BASED UPON GENERAL SURVEY DATA. EROSION CONTROL EFFECTIVENESS SHALL ALSO BE MONITORED AND THE PLANS UPGRADED AS REQUIRED TO PREVENT SIGNIFICANT QUANTITIES OF SEDIMENT FROM ENTERING THE DOWNSTREAM DRAINAGE SYSTEM.
- 4. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STORM RUN OFF FROM LEAVING THE SITE. SAND BAGS, SILT FENCES AND FIBER ROLLS SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN.
- 5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO PUBLICLY AND/OR PRIVATELY OWNED AND MAINTAINED ROADS CAUSED BY THE CONTRACTOR'S PAVING ACTIVITIES, AND WILL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HAUL ROUTE, ADJACENT PUBLIC ROADS SHALL BE CLEANED AT THE END OF EACH WORKING
- 6. BEST MANAGEMENT PRACTICES SHALL BE OPERABLE YEAR ROUND OR UNTIL PROJECT COMPLETION.
- 7. THE NAME, ADDRESS AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE PROVIDED TO THE CONSTRUCTION MANAGER AND THE CITY.
- 8. ALL TRUCK TIRES SHALL BE CLEANED PRIOR TO EXITING THE PROPERTY.
- 9. IF NO WORK HAS PROGRESSED FOR A PERIOD OF 6-WEEKS, FINAL DRAINAGE AND EROSION CONTROL IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED WINTERIZATION PLAN.
- 10. SEDIMENT AND DEBRIS SHALL BE REMOVED FROM TEMPORARY BASINS AND DRAIN INLETS AFTER EACH STORM. ALL SLOPES SHALL BE REPAIRED AS SOON AS POSSIBLE WHEN DAMAGED.
- 11. HAUL ROADS ARE CURRENTLY NOT SHOWN ON THE PLANS. EROSION CONTROL MEASURES SHALL BE TAKEN TO MINIMIZE EROSION RELATED TO HAUL ROADS.
- 12. THE EROSION CONTROL PLAN COVERS ONLY THE FIRST WINTER DURING WHICH CONSTRUCTION IS TO TAKE PLACE. PLANS ARE TO BE RESUBMITTED PRIOR TO SEPTEMBER 1ST OF EACH SUBSEQUENT YEAR UNTIL THE SITE IMPROVEMENTS ARE ACCEPTED BY THE CONSTRUCTION MANAGER, THE ARCHITECT AND THE CITY
- 13. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE PROJECT INSPECTOR.
- 14. FROM MAY THROUGH OCTOBER, WATER SHOULD NOT BE ALLOWED TO POND BEHIND GRAVEL SACK BARRIERS FOR MORE THAN 7 DAYS.
- 15. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL FIELD MANUAL, CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD AND/OR THE CALIFORNIA STORM WATER MANAGEMENT PRACTICE HANDBOOKS.
- 16. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, ALL DEVICES SHOWN ON THE EROSION CONTROL PLAN SHALL BE IN PLACE AT THE END OF EACH WORK DAY AND ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AT THE END OF EACH WORKING DAY DURING THE RAINY SEASON (OCTOBER 1ST TO APRIL 15TH), AS WELL AS AFTER EACH STORM. BREACHES IN DIKES AND SWALES WILL BE REPAIRED AT THE CLOSE OF EACH DAY AND WHENEVER RAIN IS FORECAST.
- 17. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND DAILY THEREAFTER OR AS DIRECTED BY THE INSPECTOR. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
- 18. STANDBY CREWS SHALL BE ALERTED BY THE PERMITEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAIN STORMS.
- 19. GRAVEL BAGS, CATCH BASINS AND INLETS SHALL BE CLEANED OUT WHENEVER SEDIMENT REACHES 1/2 INCH IN ELEVATION AGAINST THE BASE OF THE GRAVEL BAG. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN AND SERVICE GRAVEL BAGS, FILTERS, AND SEDIMENT BARRIERS. REPAIR AND/OR REPLACE THEM WHEN THEY DO NOT FUNCTION PROPERLY. AFTER PAVING, ALL CATCH BASINS SHALL BE PROVIDED WITH INLET PROTECTION.
- 20. NEARBY OFF-SITE INLETS THAT MAY RECIEVE SEDIMENT-LADEN WATER SHALL BE PROTECTED.
- 21. REFUELING OF VEHICLES AND EQUIPMENT SHALL BE PROHIBITED WITHIN 100 FEET OF ALL DRAINAGES.
- 22. ALL EQUIPMENT AND VEHICLES SHALL BE CLEAN OF GREASE AND/OR HYDRAULIC LEAKS.

# SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT (SMCCCD) PARKING LOT MAINTENANCE PROJECT AT

# CAÑADA COLLEGE

CITY OF REDWOOD CITY

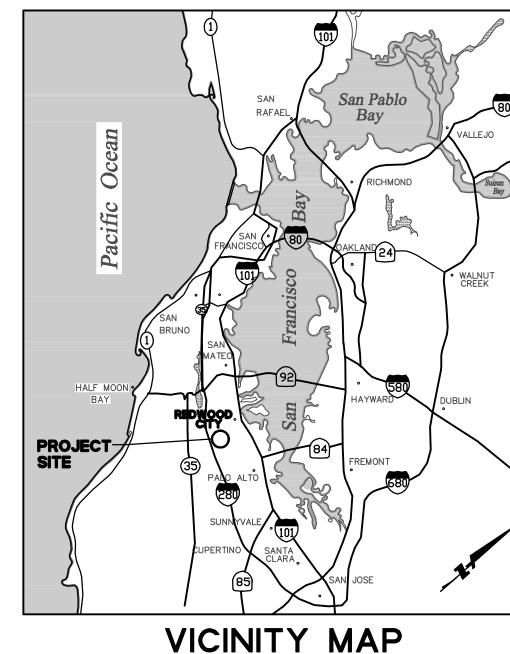
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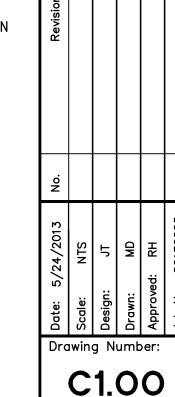


#### SHEET INDEX

SHEET NO DESCRIPTION

C1.00 TITLE SHEET

C2.00 PARKING LOT MAINTENANCE PLAN
C3.00 IMPROVEMENTS AT FARM HILL BLVD AND LOOP ROAD INTERSECTION
C4.00 EROSION CONTROL NOTES AND DETAILS



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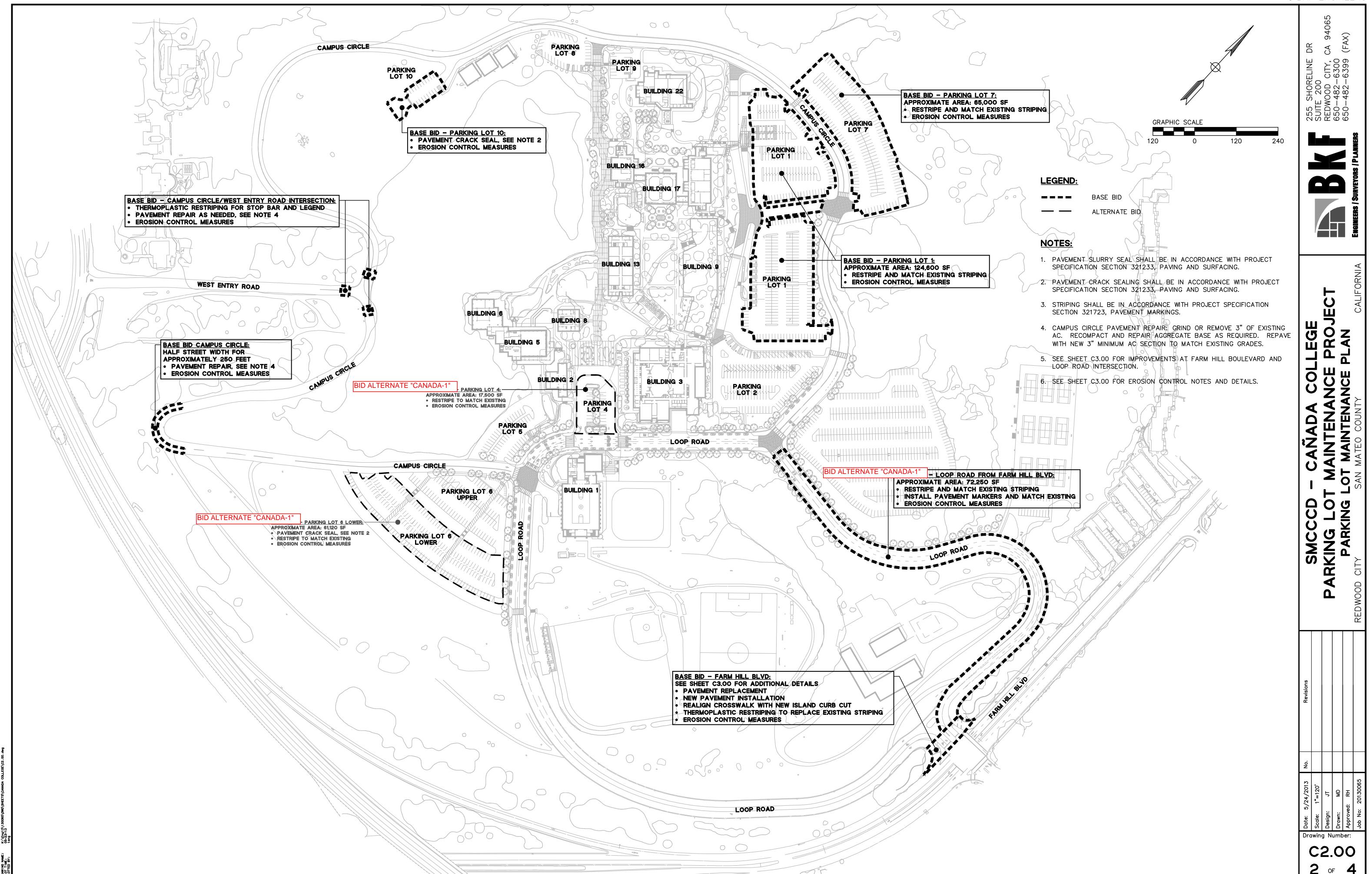
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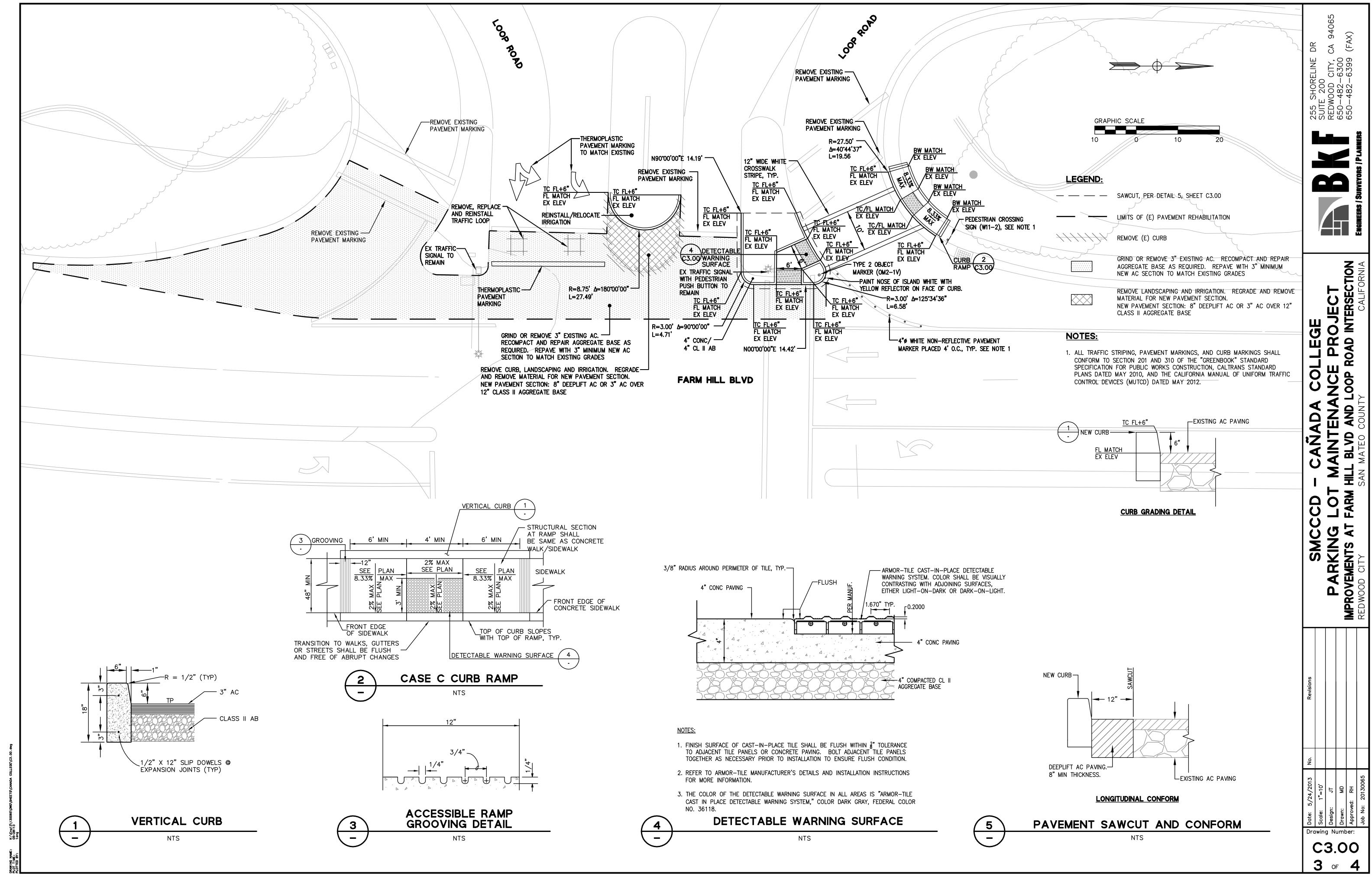
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C4.00

CURB INLET -PONDING HEIGHT SIDEWALK SPILLWAY CATCH BASIN STREET SLOPE (RUNOFF DIRECTION)

SECTION A-A

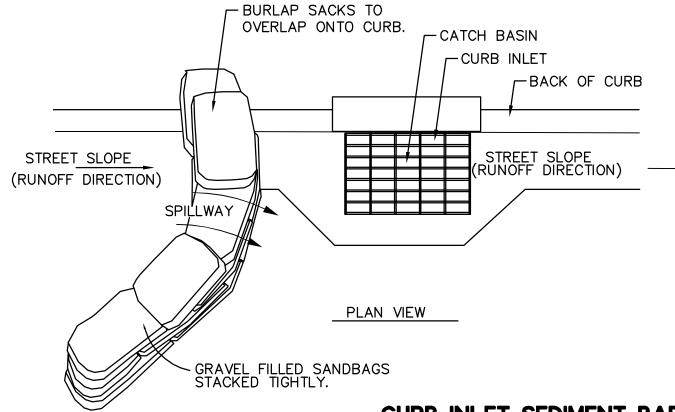
1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREETS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.

2. SANDBAGS OF EITHER BURLAP OR WOVEN GEOTEXTILE FABRIC, ARE FILLED WITH GRAVEL, LAYERED AND PACKED TIGHTLY.

3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW.

4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

#### <u>CURB INLET SEDIMENT BARRIER - SUMP</u>



PLAN VIEW

-CATCH BASIN

CURB INLET

BACK OF CURB

GRAVEL FILLED SANDBAGS

**SPILLWAY** 

ARE STACKED TIGHTLY.

STREET SLOPE

(RUNOFF DIRECTION)

1. PLACE CURB TYPE SEDIMENT BARRIERS ON GENTLY SLOPING STREETS, WHERE WATER CAN POND AND ALLOW SEDIMENT TO SEPARATE FROM RUNOFF.

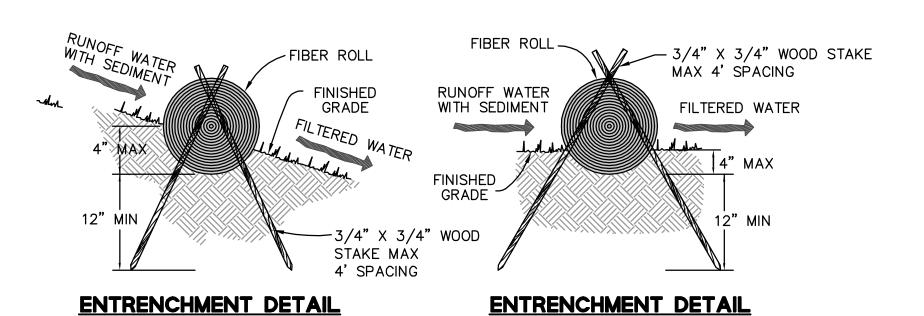
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3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW. TOP OF SPILLWAY SHALL BE LOWER THAN TOP OF CURB.

4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

#### <u>CURB INLET SEDIMENT BARRIER - CONTINUOUS GRADE</u>





IN FLAT AREA

#### NOTES:

IN SLOPE AREA

- 1. PREPARE SLOPE BEFORE THE FIBER ROLL PROCEDURE IS STARTED.
- 2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 4" DEEP, RUN PARALLEL TO THE CONTOUR. INSTALL FIBER ROLL FROM THE BOTTOM OF THE SLOPE AND WORK UP.
- 3. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE FIBER ROLL AND INTO THE SOIL FOR WOODEN STAKES.
- 4. DRIVE THE STAKE THROUGH THE PREPARED HOLE INTO THE SOIL. LEAVE ONLY ONE OR TWO INCHES OF STAKE EXPOSED ABOVE FIBER ROLL.
- 5. INSTALL STAKES AT LEAST EVERY THREE FEET APART THROUGH THE FIBER ROLL.
- 6. ADJACENT FIBER ROLLS SHALL BE TIGHTLY ABUT.
- 7. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
- 8. INSTALL AT LOCATIONS SHOWN ON PLANS. IN SLOPE AREAS SPACE FIBER ROLLS EVERY 10 VERTICAL FEET ON SLOPE.

FIBER ROLL \_ SCALE : NTS

#### **EROSION CONTROL NOTES**

- 1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 2. ALTHOUGH SPECIFIC LOCATIONS FOR SEDIMENT CONTROL FACILITIES ARE SHOWN ON THESE PLANS, IT IS INTENDED THIS EROSION CONTROL PLAN BE MODIFIED WHEN NECESSARY TO MEET FIELD CONDITIONS. BASIN AND TRAP SIZES AND ELEVATIONS MAY BE ADJUSTED AS LONG AS THE MINIMUM AREAS AND DEPTHS FOR SEDIMENTS SETTLING AND STORAGE ARE NOT REDUCED.
- 3. THE CONTRACTOR SHALL UPDATE THE PLANS TO REFLECT CHANGING SITE CONDITIONS. PLAN UPDATES SHALL BE BASED UPON GENERAL SURVEY DATA. EROSION CONTROL EFFECTIVENESS SHALL ALSO BE MONITORED AND THE PLANS UPGRADED AS REQUIRED TO PREVENT SIGNIFICANT QUANTITIES OF SEDIMENT FROM ENTERING THE DOWNSTREAM DRAINAGE SYSTEM.
- 4. THIS PLAN MAY NOT COVER ALL THE SITUATIONS THAT ARISE DURING CONSTRUCTION DUE TO UNANTICIPATED FIELD CONDITIONS. IN GENERAL, THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE STORM RUN OFF FROM LEAVING THE SITE. SAND BAGS, SILT FENCES AND FIBER ROLLS SHALL BE USED BY THE CONTRACTOR ON AN AS NEEDED BASIS TO INHIBIT SILT FROM LEAVING THE SITE AND ENTERING THE STORM DRAIN SYSTEM. ALL EXISTING, TEMPORARY, OR PERMANENT CATCH BASINS SHALL USE ONE OF THE SEDIMENT BARRIERS SHOWN.
- 5. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY AND ALL DAMAGES TO PUBLICLY AND/OR PRIVATELY OWNED AND MAINTAINED ROADS CAUSED BY THE CONTRACTOR'S PAVING ACTIVITIES, AND WILL BE RESPONSIBLE FOR THE CLEANUP OF ANY MATERIAL SPILLED ON ANY PUBLIC ROAD ON THE HAUL ROUTE, ADJACENT PUBLIC ROADS SHALL BE CLEANED AT THE END OF EACH WORKING
- 6. BEST MANAGEMENT PRACTICES SHALL BE OPERABLE YEAR ROUND OR UNTIL PROJECT COMPLETION.
- 7. THE NAME, ADDRESS AND 24 HOUR TELEPHONE NUMBER OF THE PERSON RESPONSIBLE FOR IMPLEMENTATION OF EROSION AND SEDIMENTATION CONTROL PLAN SHALL BE PROVIDED TO THE CONSTRUCTION MANAGER AND THE CITY.
- 8. ALL TRUCK TIRES SHALL BE CLEANED PRIOR TO EXITING THE PROPERTY.
- 9. IF NO WORK HAS PROGRESSED FOR A PERIOD OF 6-WEEKS, FINAL DRAINAGE AND EROSION CONTROL IMPROVEMENTS SHALL BE INSTALLED IN ACCORDANCE WITH AN APPROVED WINTERIZATION PLAN.
- 10. SEDIMENT AND DEBRIS SHALL BE REMOVED FROM TEMPORARY BASINS AND DRAIN INLETS AFTER EACH STORM. ALL SLOPES SHALL BE REPAIRED AS SOON AS POSSIBLE WHEN DAMAGED.
- 11. HAUL ROADS ARE CURRENTLY NOT SHOWN ON THE PLANS. EROSION CONTROL MEASURES SHALL BE TAKEN TO MINIMIZE EROSION RELATED TO HAUL ROADS.
- 12. THE EROSION CONTROL PLAN COVERS ONLY THE FIRST WINTER DURING WHICH CONSTRUCTION IS TO TAKE PLACE. PLANS ARE TO BE RESUBMITTED PRIOR TO SEPTEMBER 1ST OF EACH SUBSEQUENT YEAR UNTIL THE SITE IMPROVEMENTS ARE ACCEPTED BY THE CONSTRUCTION MANAGER, THE ARCHITECT AND THE CITY
- 13. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL DISTURBED AREAS ARE STABILIZED. CHANGES TO THIS EROSION CONTROL PLAN SHALL BE MADE TO MEET FIELD CONDITIONS ONLY WITH THE APPROVAL OF OR AT THE DIRECTION OF THE PROJECT INSPECTOR.
- 14. FROM MAY THROUGH OCTOBER, WATER SHOULD NOT BE ALLOWED TO POND BEHIND GRAVEL SACK BARRIERS FOR MORE THAN 7 DAYS.
- 15. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL FIELD MANUAL, CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD AND/OR THE CALIFORNIA STORM WATER MANAGEMENT PRACTICE HANDBOOKS.
- 16. EXCEPT AS OTHERWISE DIRECTED BY THE INSPECTOR, ALL DEVICES SHOWN ON THE EROSION CONTROL PLAN SHALL BE IN PLACE AT THE END OF EACH WORK DAY AND ALL EROSION CONTROL FACILITIES MUST BE INSPECTED AT THE END OF EACH WORKING DAY DURING THE RAINY SEASON (OCTOBER 1ST TO APRIL 15TH), AS WELL AS AFTER EACH STORM. BREACHES IN DIKES AND SWALES WILL BE REPAIRED AT THE CLOSE OF EACH DAY AND WHENEVER RAIN IS FORECAST.
- 17. ALL LOOSE SOIL AND DEBRIS SHALL BE REMOVED FROM THE STREET AREAS UPON STARTING OPERATIONS AND DAILY THEREAFTER OR AS DIRECTED BY THE INSPECTOR. THE SITE SHALL BE MAINTAINED SO AS TO MINIMIZE SEDIMENT LADEN RUNOFF TO ANY STORM DRAIN SYSTEM.
- 18. STANDBY CREWS SHALL BE ALERTED BY THE PERMITEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAIN STORMS.
- 19. GRAVEL BAGS, CATCH BASINS AND INLETS SHALL BE CLEANED OUT WHENEVER SEDIMENT REACHES 1/2 INCH IN ELEVATION AGAINST THE BASE OF THE GRAVEL BAG. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN AND SERVICE GRAVEL BAGS, FILTERS, AND SEDIMENT BARRIERS. REPAIR AND/OR REPLACE THEM WHEN THEY DO NOT FUNCTION PROPERLY. AFTER PAVING, ALL CATCH BASINS SHALL BE PROVIDED WITH INLET PROTECTION.
- 20. NEARBY OFF-SITE INLETS THAT MAY RECIEVE SEDIMENT-LADEN WATER SHALL BE PROTECTED.
- 21. REFUELING OF VEHICLES AND EQUIPMENT SHALL BE PROHIBITED WITHIN 100 FEET OF ALL DRAINAGES.
- 22. ALL EQUIPMENT AND VEHICLES SHALL BE CLEAN OF GREASE AND/OR HYDRAULIC LEAKS.

# SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT (SMCCCD) PARKING LOT MAINTENANCE PROJECT AT

## SKYLINE COLLEGE

CITY OF SAN MATEO

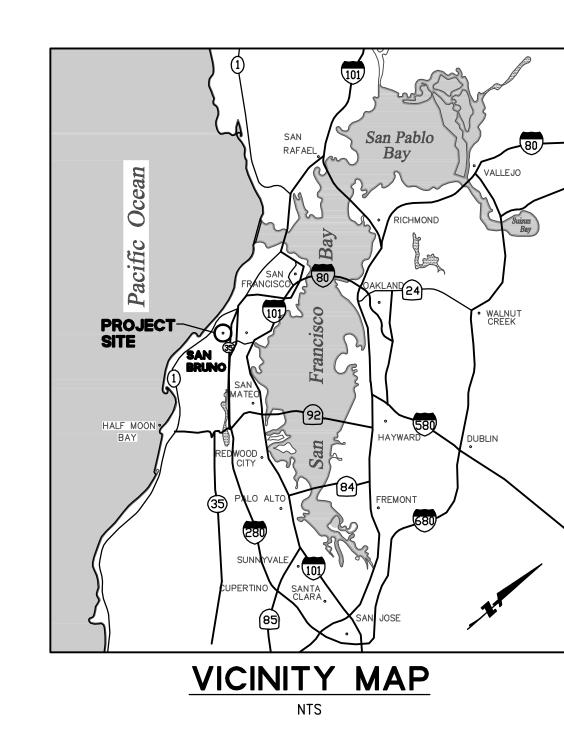
### SAN MATEO COUNTY

## **CALIFORNIA**

#### **GENERAL NOTES**

- 1. ALL WORK SHALL CONFORM TO SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT STANDARD SPECIFICATIONS AND STANDARD PLANS. THE WORK IS SUBJECT TO THE INSPECTION AND APPROVAL SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT (SMCCCD). CONTACT SMCCCD AT (650) 358-6785 TWO WORKING DAYS (48 HOURS) PRIOR TO THE START OF ANY WORK TO ARRANGE FOR INSPECTION.
- 2. THESE PLANS HAVE BEEN CHECKED BY SMCCCD FOR CONFORMANCE WITH THE DISTRICTS STANDARDS, BUT SUCH CHECKING BY THE DISTRICT DOES NOT RELIEVE THE CONTRACTOR FROM ITS RESPONSIBILITY TO FIND AND CORRECT ERRORS, OMISSIONS AND/OR MAKE CHANGES REQUIRED BY CONDITIONS DISCOVERED IN THE FIELD DURING THE COURSE OF CONSTRUCTION ACTIVITIES. ANY REQUEST BY THE CONTRACTOR TO CHANGE THESE PLANS SHALL BE SUBMITTED IN WRITING TO THE ENGINEER.
- 2. TRAFFIC CONTROL SIGNS SHALL BE INSTALLED AT THE DIRECTION OF THE DISTRICT AND PER DESIGN STANDARDS AND STANDARD SPECIFICATIONS.
- 3. ALL PAINTED STRIPIES AND MARKINGS SHALL CONFORM TO THE DISTRICT DESIGN STANDARDS AND STANDARD SPECIFICATIONS. STRIPING SHALL INCLUDE STOP BARS, CENTERLINE STRIPING OR MARKERS, CROSSWALKS AND ALL OTHER MARKINGS AS REQUIRED PER THE DISTRICT STANDARDS.
- 4. ALL STREET MONUMENTS, LOT CORNER, AND OTHER PERMANENT PIPE OR MONUMENTS DISTURBED DURING THE PROCESS OF CONSTRUCTION SHALL BE REPLACED BY THE CONTRACTOR. A RECORD OF SURVEY SHALL BE PREPARED FOR ALL MONUMENTS, LOT CORNERS, AND OTHER PERMANENT PIPE OR MONUMENTS DISTURBED DURING CONSTRUCTION. THE COST FOR THE RECORD OF SURVEY SHALL BE THE SOLE RESPONSIBILITY OF THE
- 5. EXISTING PEDESTRIAN WALKWAYS, BIKE PATHS, AND HANDICAP ACCESS PATHWAYS SHALL BE MAINTAINED DURING CONSTRUCTION TO THE SATISFACTION OF THE CONSTRUCTION MANAGER AND THE DISTRICT.
- 6. UPON SATISFACTORY COMPLETION OF THE WORK, THE ENTIRE WORK SITE SHALL BE CLEANED UP AND LEFT FREE OF CONSTRUCTION WASTE AND RUBBISH OF ANY NATURE BY THE CONTRACTOR TO THE SATISFACTION OF THE DISTRICT.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, RIGHTS OF ENTRY, ETC. NECESSARY TO CONSTRUCT ANY WORK SHOWN HEREON.
- 8. THE CONTRACTOR SHALL POST EMERGENCY TELEPHONE NUMBERS FOR AMBULANCE POLICE, AND FIRE DEPARTMENTS, AND THE CONTRACTOR. A DUPLICATE LIST SHALL BE PROVIDED TO THE DISTRICT AT THE TIME OF THE PRE—CONSTRUCTION MEETING.
- 9. THE CONTRACTOR SHALL HAVE A SUPERINTENDENT OR REPRESENTATIVE ON SITE AT ALL TIMES DURING
- 15. THE PROTECTION OF ALL UTILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY EXISTING UTILITIES DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE, TO THE SATISFACTION OF THE DISTRICT.
- 16. THE CONTRACTOR AND SUBCONTRACTORS AGREE THAT THEY ASSUME SOLE RESPONSIBILITY AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD BKF, AND THE DISTRICT HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OR WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FORM THE SOLE NEGLIGENCE OF THE DISTRICT OR THE ENGINEER.
- 17.IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO COORDINATE CONSTRUCTION ACTIVITIES WITH THE DISTRICT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY BKF OF ANY DIFFERENCES AND/OR ANY CONFLICTS WITH THE DESIGN BEFORE CONTINUING WORK IN THAT AREA.
- 18. SHOULD IT APPEAR THAT THE WORK TO BE DONE, OR ANY MATTER RELATIVE THERETO, IS NOT SUFFICIENTLY DETAILED OR EXPLAINED ON THESE PLANS THE CONTRACTOR SHALL CONTACT BKF FOR SUCH FURTHER EXPLANATION AS MAY BE NECESSARY.
- 19. UPON APPROVAL OF THE PLANS AND SPECIFICATIONS, ANY CHANGES TO THESE PLANS NECESSITATED DURING CONSTRUCTION SHALL REQUIRE APPROVAL OF THE ENGINEER THROUGH A PLAN REVISION SUBMITTED BY BKF. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT WRITTEN AUTHORIZATION FROM BKF.
- 20. ANY EXISTING IMPROVEMENTS DAMAGED BY THE CONTRACTOR SHALL BE REPAIRED AND/OR REPLACED BY THE CONTRACTOR AT HIS EXPENSE, TO THE SATISFACTION OF THE DISTRICT. PAVEMENT REPAIR, RECONSTRUCTION OR FULL ASPHALT CONCRETE OVERLAY WILL BE REQUIRED BY THE DISTRICT FOR PAVEMENT DAMAGED DURING CONSTRUCTION.
- 21. THE CONTRACTOR SHALL NOTIFY THE DISTRICT 48 HOURS PRIOR TO PERFORMING WORK REQUIRING INSPECTION. WORK PERFORMED OR COVERED WITHOUT ADEQUATE NOTICE WILL BE SUBJECT TO REJECTION.
- 22. CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 7:00 AM AND 7:00 PM MONDAY THROUGH FRIDAY. NOISE—GENERATING CONSTRUCTION ACTIVITIES SHALL BE LIMITED TO THE HOURS OF 8:00 AM AND 5:00 PM. WORK ON SATURDAYS SHALL REQUIRE SPECIAL APPROVAL OF THE DISTRICT. NO CONSTRUCTION ACTIVITY SHALL BE PERMITTED ON SUNDAYS OR STATE AND FEDERAL HOLIDAYS.

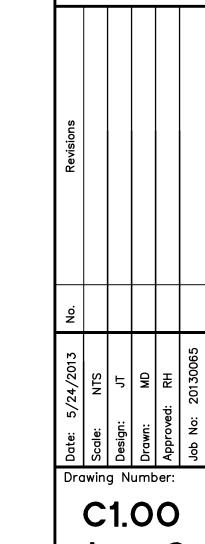
- 23. ALL CONSTRUCTION VEHICLES SHALL ADHERE TO DISTRICT APPROVED TRUCK ROUTES DURING CONSTRUCTION, CITY STREETS SHALL BE CLEANED AS OFTEN AS REQUIRED TO REMOVE ANY ACCUMULATION OF MUD DEBRIS RESULTING FROM CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY THE CITY OF SAN MATEO FOR HAULING ON LOCAL STREETS.
- 24. STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT ON CITY STREETS WILL NOT BE PERMITTED.
- 25. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAG PERSONS, OR OTHER TRAFFIC SAFETY DEVICES TO PROVIDE PUBLIC SAFETY IN ACCORDANCE WITH CALTRANS, WORK AREA TRAFFIC CONTROL HANDBOOK, AND CAL-OSHA SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN TO THE APPROVAL OF THE DISTRICT.
- 26. STATIONARY NOISE—GENERATING CONSTRUCTION EQUIPMENT SUCH AS COMPRESSORS SHALL BE LOCATED AS FAR AS PRACTICAL FROM OCCUPIED BUILDINGS.
- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESPONDING TO ANY LOCAL COMPLAINTS ABOUT CONSTRUCTION NOISE.
- 28. CONSTRUCTION EQUIPMENT, TOOLS, ETC. SHALL NOT BE CLEANED OR RINSED INTO A STREET, GUTTER, STORM DRAIN, OR STREAM. SHOVEL OR VACUUM SAWCUT SLURRY AND REMOVE FROM SITE.
- 29. A CONTAINED AND COVERED AREA ON SITE SHALL BE USED FOR STORAGE OF CEMENT BAGS, PAINTS, FLAMMABLES, OILS, FERTILIZERS, OR ANY OTHER MATERIALS THAT HAVE POTENTIAL FOR BEING DISCHARGED TO THE STORM DRAIN SYSTEM BY WIND OR IN THE EVENT OF A MATERIAL SPILL.
- 30. THE CONSULTING 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.
- 31. NO FIELD CHANGES SHALL BE MADE WITHOUT PRIOR AUTHORIZATION FROM HE DISTRICT AND CONSULTING ENGINEER. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE DISTRICT AND CONSULTING ENGINEER.
- 32. THE CONTRACTOR SHALL IMPLEMENT ALL SEDIMENTATION AND POLLUTION CONTROL MEASURES SHOWN ON THE EROSION CONTROL PLANS AND DETAILS INCLUDED IN THESE PLANS.
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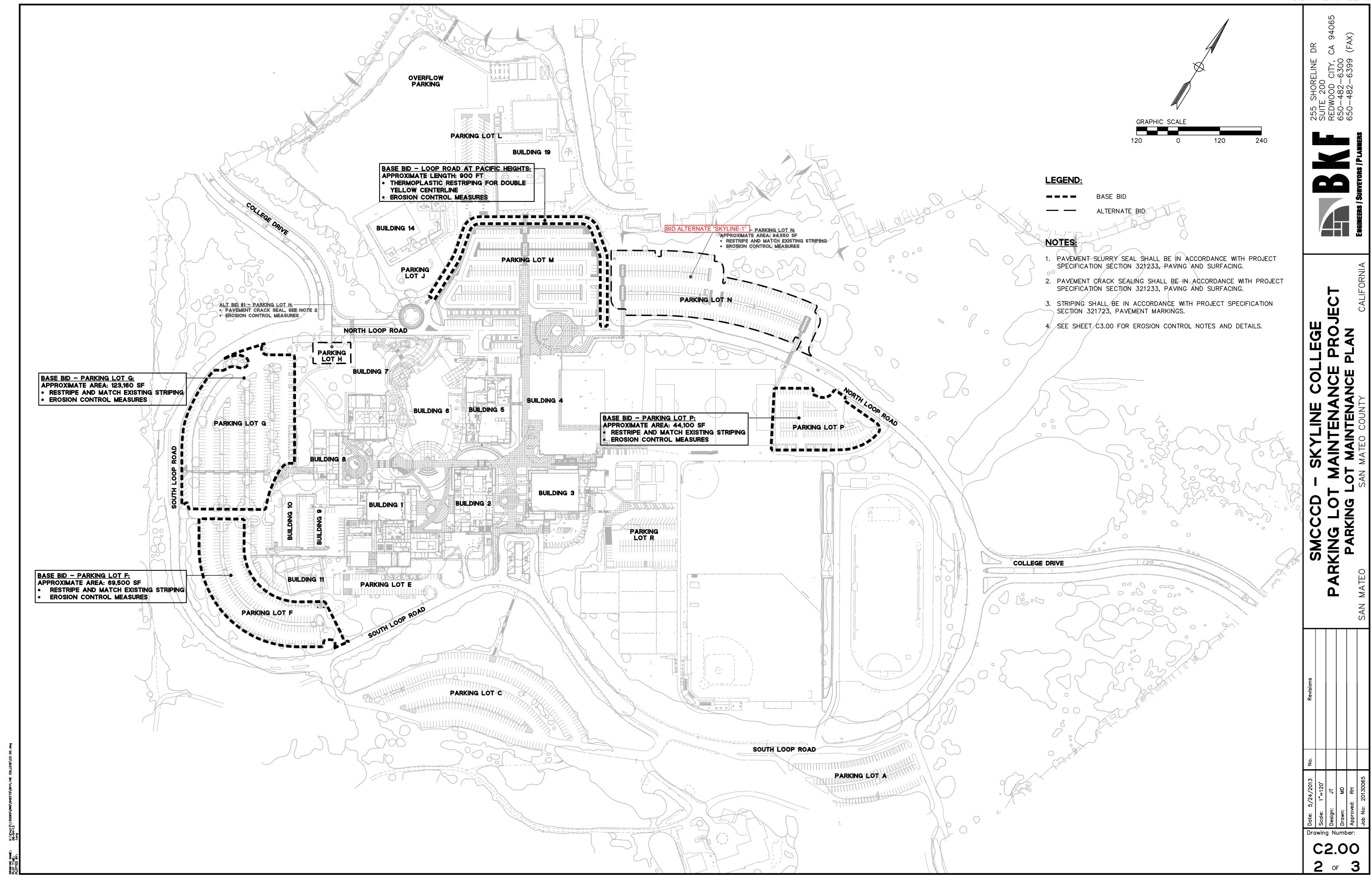


SHEET NO DESCRIPTION

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C3.00 EROSION CONTROL NOTES AND DETAILS



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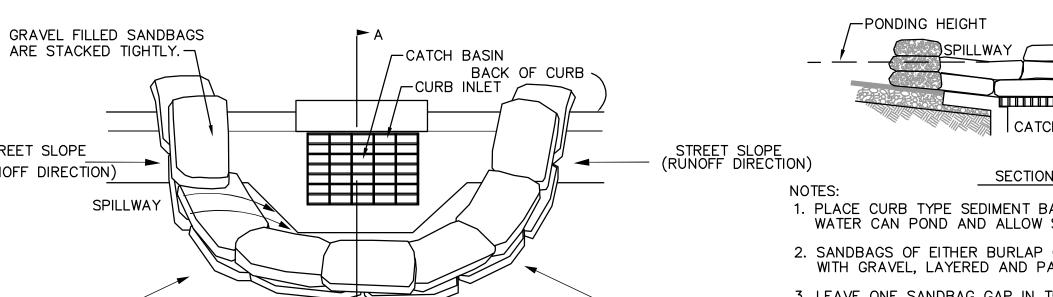
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- GRAVEL SACK BARRIERS FOR MORE THAN 7 DAYS.
- MAINTAINED IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL FIELD MANUAL, CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD AND/OR THE CALIFORNIA STORM WATER MANAGEMENT PRACTICE HANDBOOKS.
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- LEAKS.

GRAVEL FILLED SANDBAGS ARE STACKED TIGHTLY. -CATCH BASIN BACK OF CURB CURB INLET STREET SLOPE (RUNOFF DIRECTION) **SPILLWAY** PLAN VIEW



CURB INLET SIDEWALK CATCH BASIN

SECTION A-A

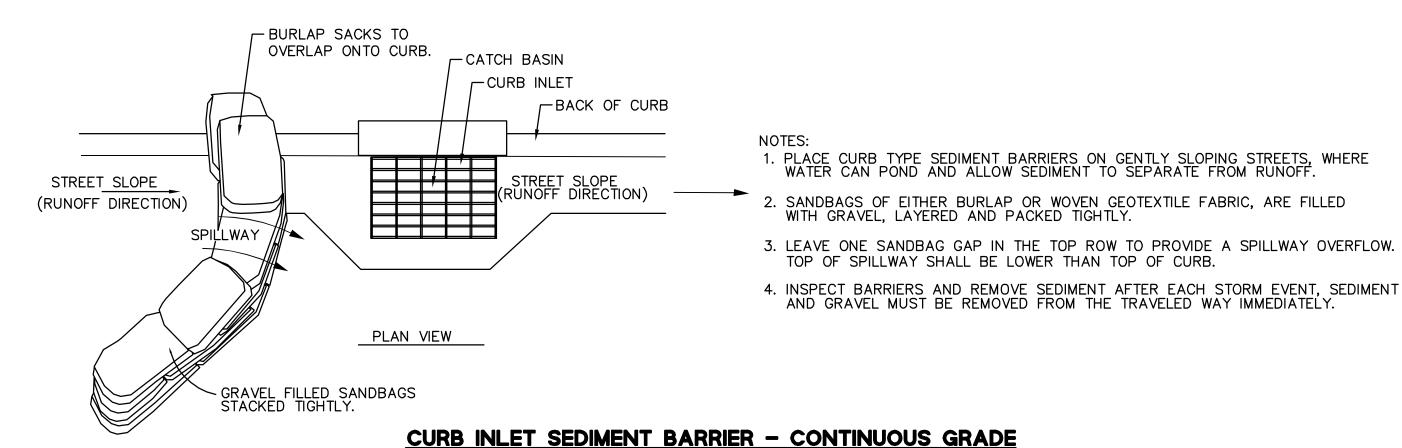
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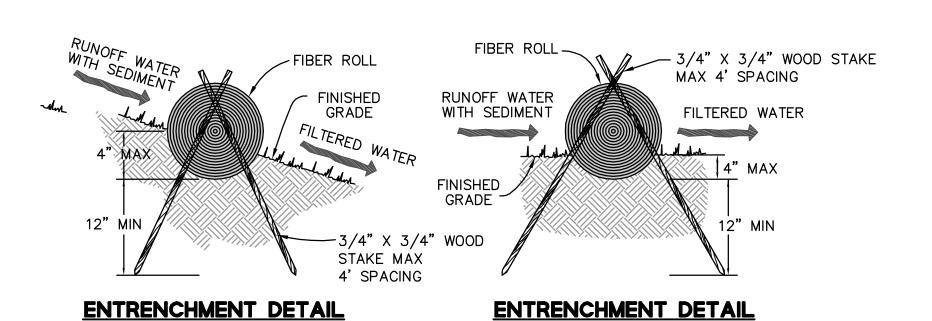
3. LEAVE ONE SANDBAG GAP IN THE TOP ROW TO PROVIDE A SPILLWAY OVERFLOW.

4. INSPECT BARRIERS AND REMOVE SEDIMENT AFTER EACH STORM EVENT, SEDIMENT AND GRAVEL MUST BE REMOVED FROM THE TRAVELED WAY IMMEDIATELY.

<u>CURB INLET SEDIMENT BARRIER - SUMP</u>



### **INLET PROTECTION** SCALE : NTS



IN FLAT AREA

#### NOTES:

IN SLOPE AREA

- 1. PREPARE SLOPE BEFORE THE FIBER ROLL PROCEDURE IS STARTED.
- 2. FIBER ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3" TO 4" DEEP, RUN PARALLEL TO THE CONTOUR. INSTALL FIBER ROLL FROM THE BOTTOM OF THE SLOPE AND WORK UP.
- 3. USE A STRAIGHT BAR TO DRIVE HOLES THROUGH THE FIBER ROLL AND INTO THE SOIL FOR WOODEN STAKES.
- 4. DRIVE THE STAKE THROUGH THE PREPARED HOLE INTO THE SOIL. LEAVE ONLY ONE OR TWO INCHES OF STAKE EXPOSED ABOVE FIBER ROLL.
- 5. INSTALL STAKES AT LEAST EVERY THREE FEET APART THROUGH THE FIBER ROLL.
- 6. ADJACENT FIBER ROLLS SHALL BE TIGHTLY ABUT.
- 7. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND FIBER ROLL.
- 8. INSTALL AT LOCATIONS SHOWN ON PLANS. IN SLOPE AREAS SPACE FIBER ROLLS EVERY 10 VERTICAL FEET ON SLOPE.



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**3** of **3**