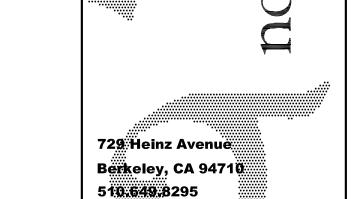
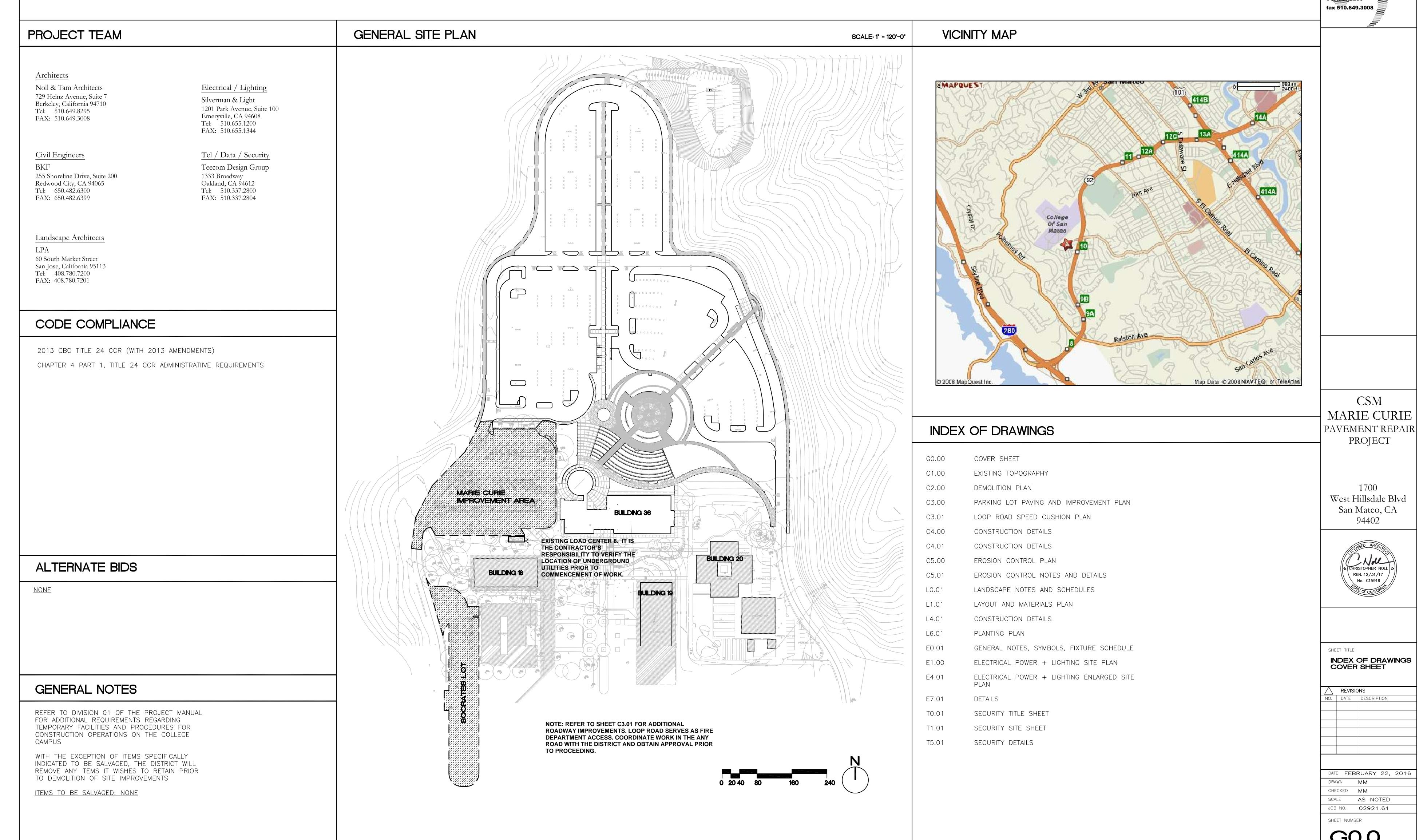
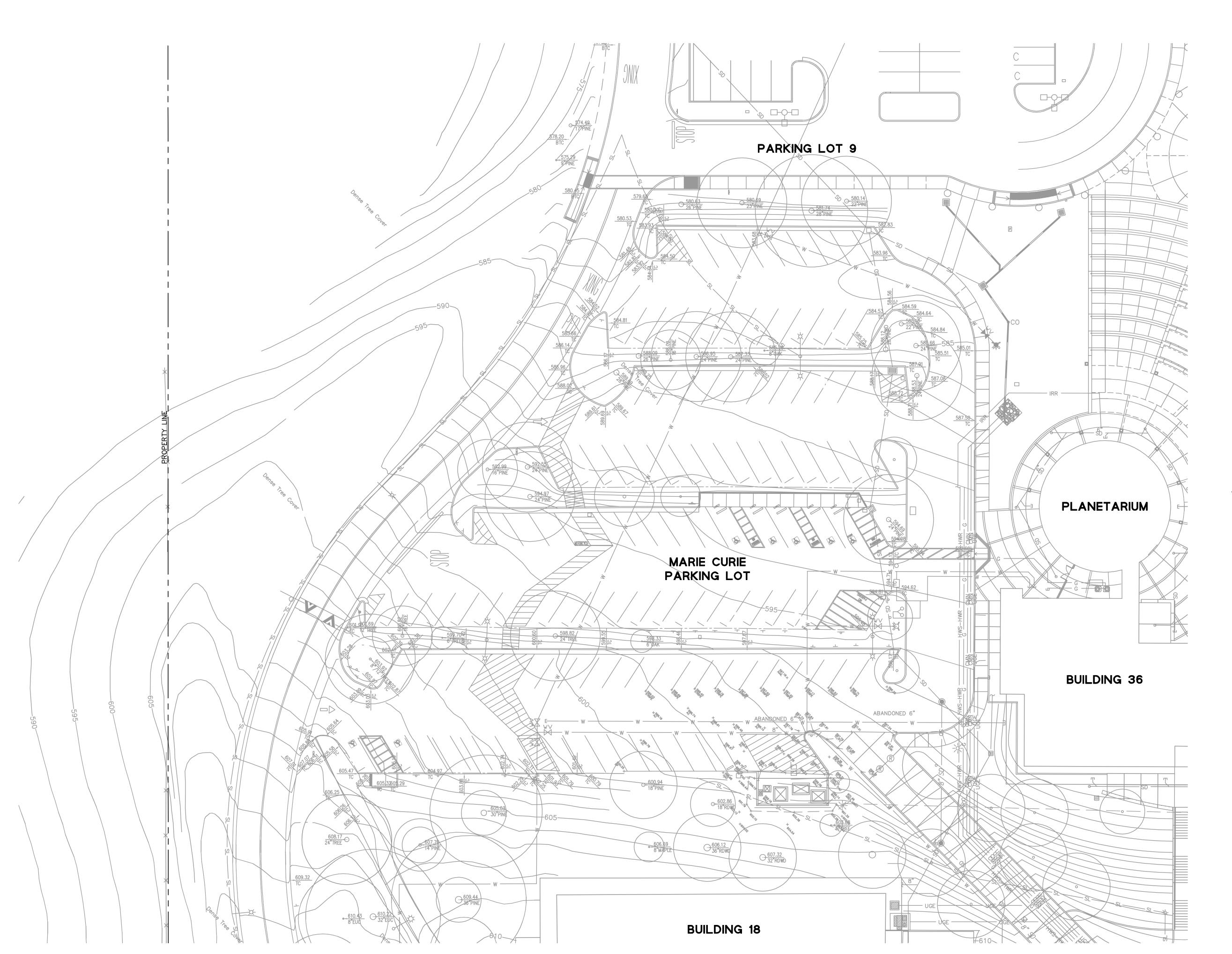
College of San Mateo

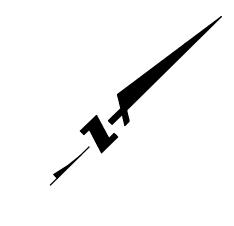
ISSUED FOR BID

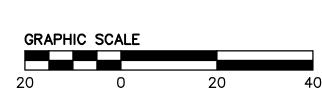
Marie Curie Pavement Repair Project San Mateo County Community College District

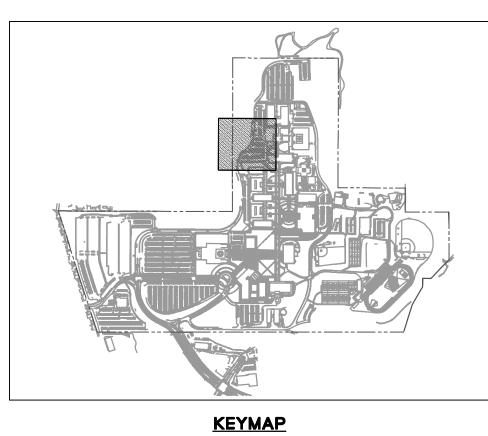












EXISTING TOPOGRAPHY NOTES:

- 1. EXISTING TOPOGRAPHIC INFORMATION SHOWN ON THESE PLANS IS BASED ON AN AERIAL SURVEY PROVIDED BY SANDIS HUMBER JONES AND HAS BEEN SUPPLEMENTED BY ADDITIONAL EXISTING AS—BUILT INFORMATION AVAILABLE. CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS AND CONDUCT FIELD INVESTIGATIONS AS REQUIRED TO VERIFY EXISTING CONDITIONS AT THE PROJECT SITE. SHOULD GRADES OR EXISTING FEATURES ENCOUNTERED VARY FROM THOSE SHOWN, CONTRACTOR IS TO IMMEDIATELY CONTACT THE ENGINEER FOR CLARIFICATION PRIOR TO ANY WORK.
- 2. ALL KNOWN EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLANS ARE FROM AVAILABLE RECORD INFORMATION. THE CONTRACTOR SHALL PROCEED WITH DUE CAUTION DURING ALL UNDERGROUND OPERATIONS AND SHALL REPAIR OR REPLACE ALL UTILITIES DAMAGED DURING CONSTRUCTION TO THE SATISFACTION OF THE DISTRICT AND/OR AFFECTED AGENCIES.
- 3.ELEVATIONS, LOCATIONS, AND SIZES OF ALL EXISTING UTILITIES WHICH CROSS THE LINE OF CONSTRUCTION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF ANY CONSTRUCTION AFFECTING SAID LINES.



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SHEET TITLE

EXISTING

TOPOGRAPHY

REVISIONS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016

DRAWN MD

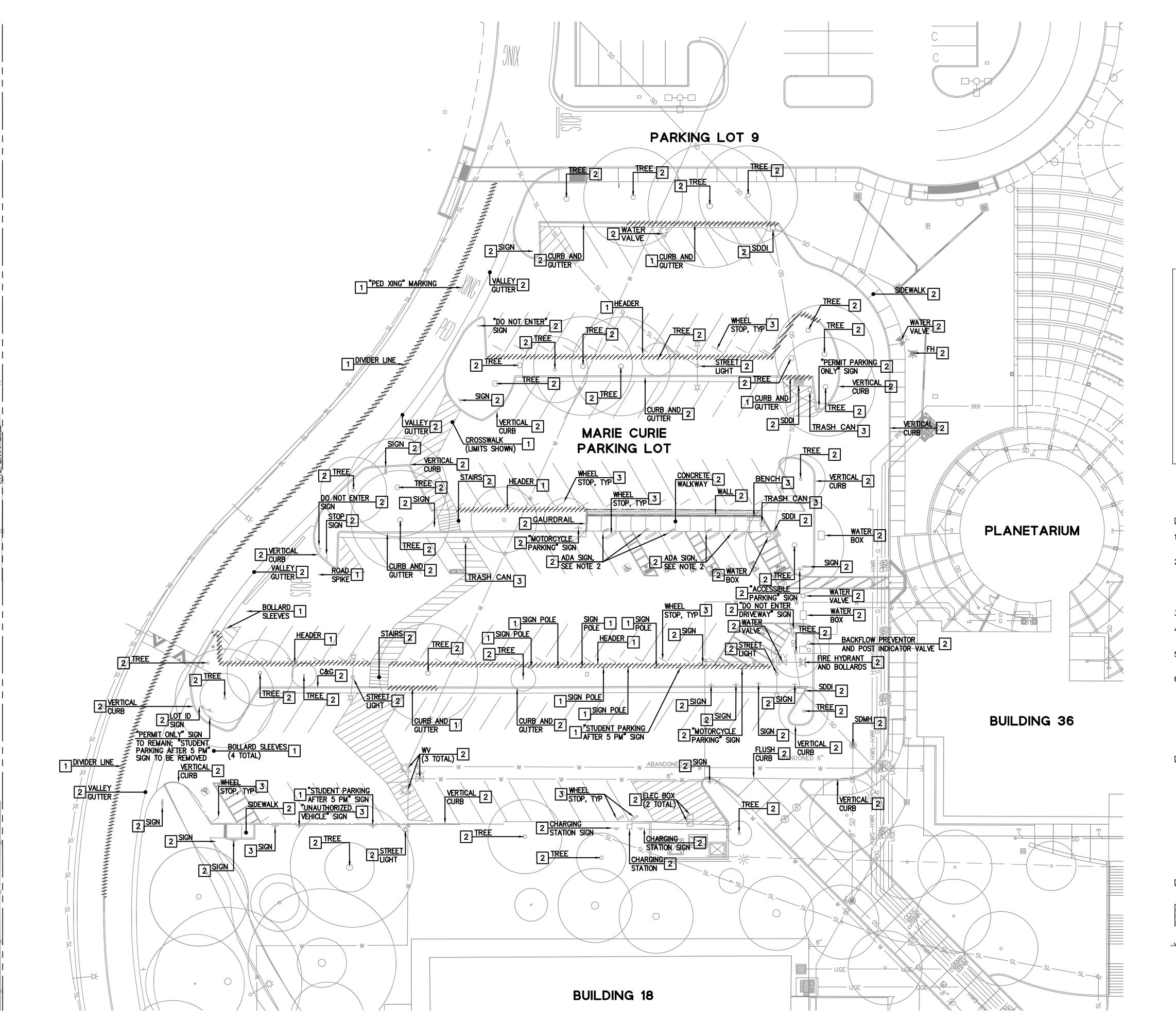
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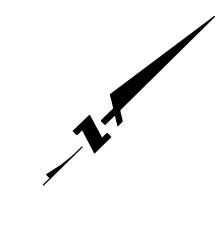
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JOB NO. 02921.61

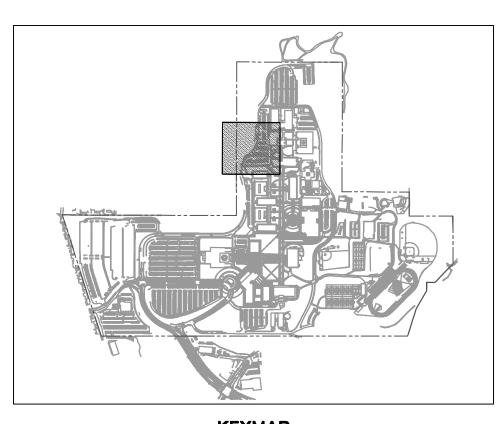
SHEET NUMBER

C1.00









KEYMAP

DEMOLITION NOTES:

SURFACE.

- REMOVE ALL EXISTING STRIPING AND PAVEMENT MARKERS PRIOR TO PAVEMENT RESURFACING.
- 2. ALL EXISTING SIGNAGE TO REMAIN, SALVAGE AND PROTECT IN PLACE.
 CONTRACTOR TO VERIFY BOTTOM ADA SIGN IS MINIMUM OF 80" FROM
 TOP OF WALKING SURFACE. SEE DETAIL 1 ON SHEET C4.01 FOR SIGN
 MEASURE DETAILS IF SIGN IS NOT 80" FROM TOP OF WALKING
- 3. ALL EXISTING TREES TO REMAIN, PROVIDE TREE PROTECTION.
- 4. ALL EXISTING UTILITIES, WHETHER SHOWN ON PLAN OR NOT, SHALL REMAIN AND BE PROTECTED IN PLACE, UNLESS OTHERWISE NOTED.
- SEE SHEET C3.00 FOR ALL PAVEMENT REMOVAL, REPAIR AND REHABILITATION.
- 6. ALL DAMAGED WHEEL STOPS TO BE REMOVED AND DISPOSED BY CONTRACTOR. ALL EXISTING WHEEL STOPS IN GOOD CONDITION TO BE STORED AND REPLACED AT ORIGINAL LOCATION UPON COMPLETION OF PAVEMENT OPERATIONS.

DEMOLITION SYMBOLS:

1 TO BE REMOVED

2 TO REMAIN, PROTECT IN PLACE

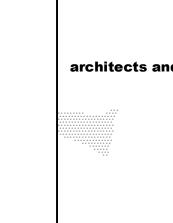
TO BE SALVAGED AND REINSTALLED

DEMOLITION LEGEND:



LANDSCAPE TO BE REMOVED

EXISTING CURB AND GUTTER, HEADER, OR STRIPING TO BE REMOVED



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SHEET TITLE

DEMOLITION PLAN

REVISIONS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016

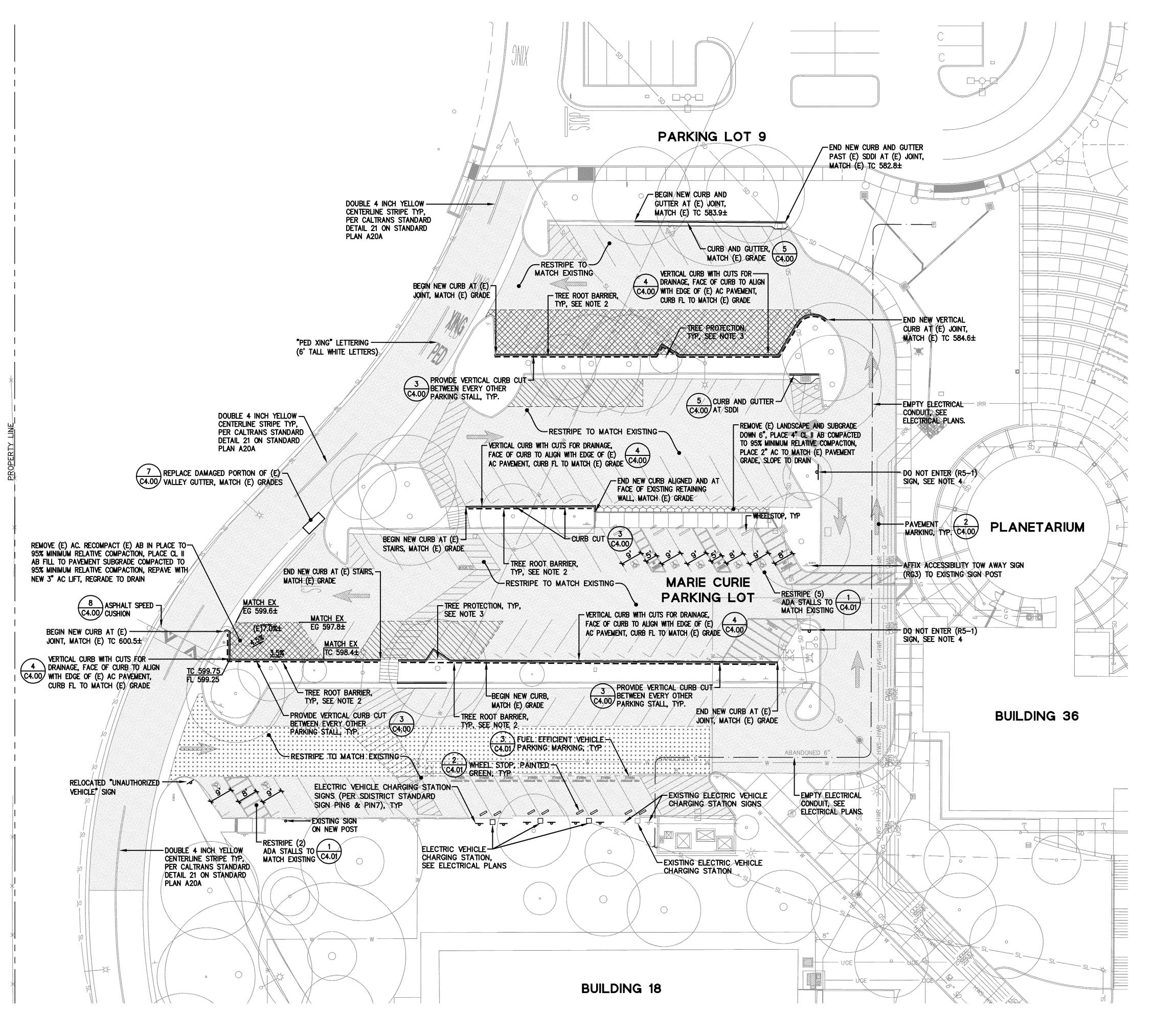
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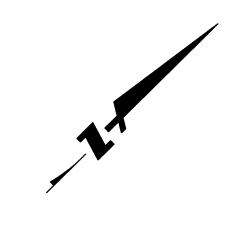
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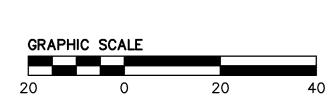
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SHEET NUMBER

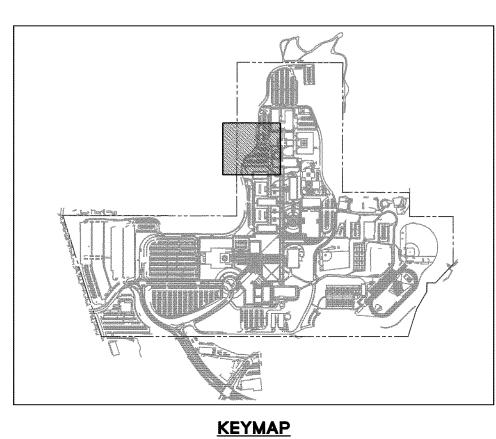
SCALE 1"=20'

C2.00









- 1. REPLACE PAVEMENT, CURB AND GUTTER IN AREAS OF TREE ROOT UPHEAVAL AS SHOWN ON PLAN.
- 2. INSTALL ROOT BARRIERS AT BACK OF CURB. TREE ROOT BARRIERS TO BE LINEAR ROOT BARRIER BY "DEEP ROOT", MODEL #UB24-2, OR APPROVED EQUIVALENT. CONSULT WITH DISTRICT AND LANDSCAPE ARCHITECT PRIOR TO ANY TREE ROOT REMOVAL.
- 3. CONTRACTOR SHALL PROVIDE MEASURES TO PROTECT ALL EXISTING TREES AND TREE ROOTS. EXCAVATION FOR NEW IMPROVEMENTS WITHIN TREE ROOTS SHALL BE MANUALLY DUG. CONSULT WITH DISTRICT AND LANDSCAPE ARCHITECT PRIOR TO ANY TREE ROOT REMOVAL.
- 4. ALL SIGNS AND CODE REFERENCES SHALL BE IN ACCORDANCE WITH BOTH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2014 EDITION AND THE SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT (SMCCCD) SPECIFICATION SECTION 10 14 00, EXTERIOR SIGNAGE - COLLÉGE OF SAN MATEO, VERSION 1, DATED MAY 1, 2015. INSTALL ALL SIGNS PER SMCCCD SPECIFICATIONS.

PAVING LEGEND:

PAVEMENT SLURRY SEAL

AREA OF PAVEMENT DEEP LIFT REPAIR, SEE DETAIL 1 ON SHEET C4.00

2" AC OVER 4" CLASS II AB

REMOVE (E) AC, RECOMPACT (E) AB IN PLACE TO 95% MINIMUM RELATIVE COMPACTION. PLACE CLASS II AB FILL TO PAVEMENT SUBGRADE AND COMPACT TO 95% MINIMUM RELATIVE COMPACTION. REPAVE WITH NEW 3" AC LIFT, GRADE TO DRAIN.

2" AC GRIND AND OVERLAY WITH EDGE GRIND, MATCH EXISTING GRADES

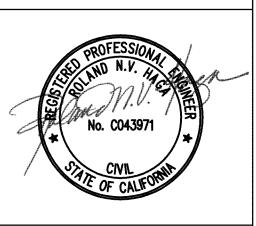
MATCH EXISTING GRADES

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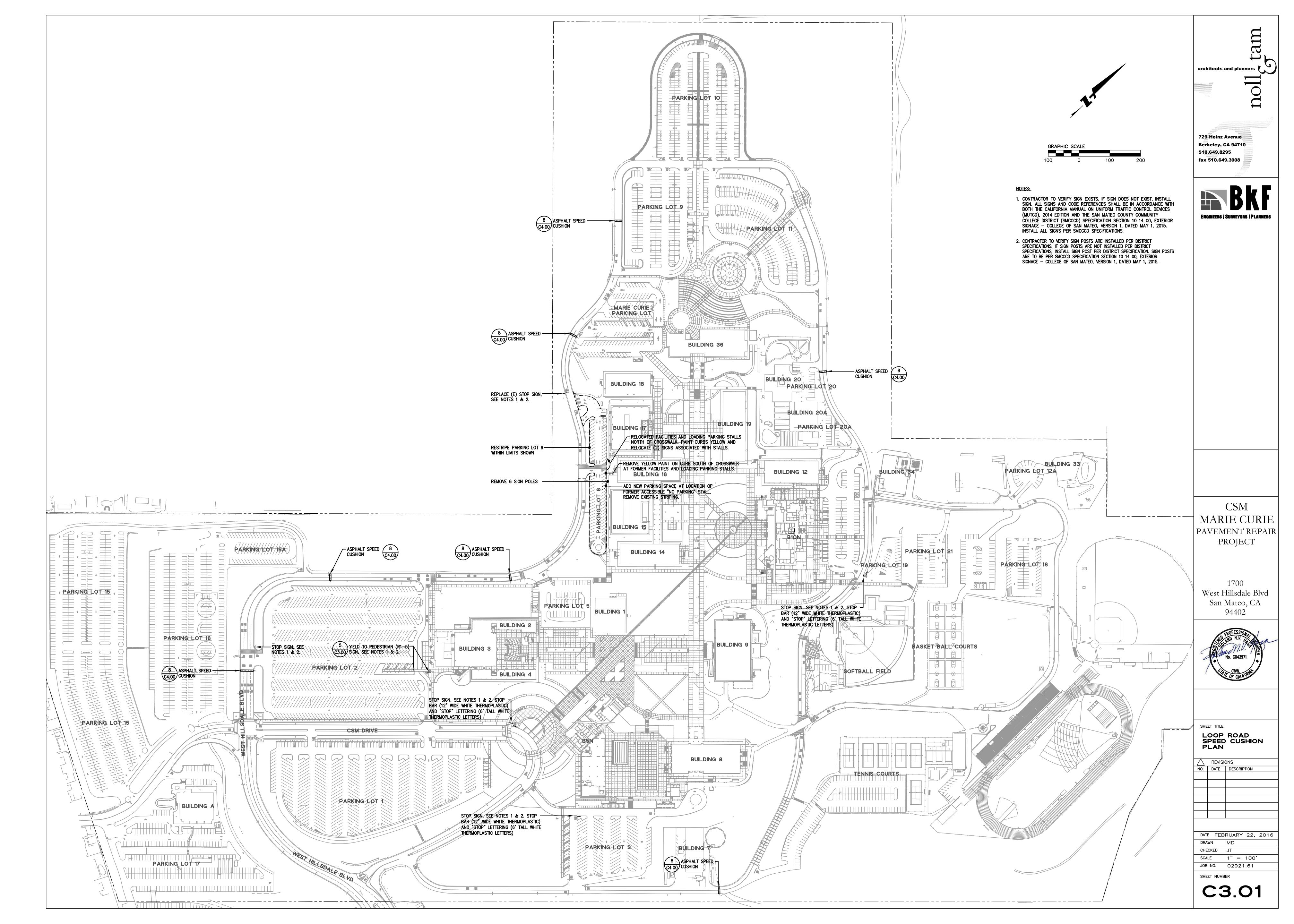


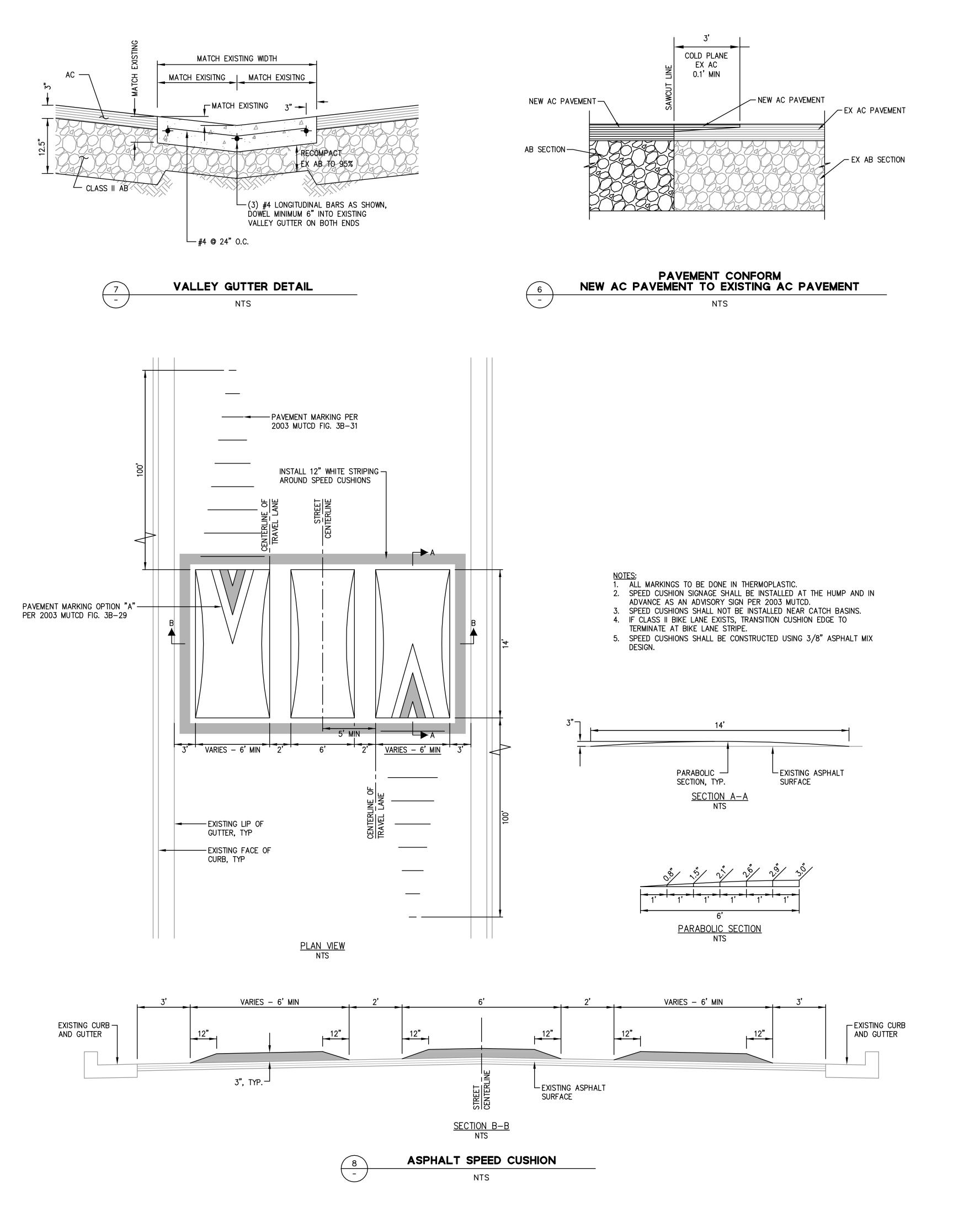
SHEET TITLE PARKING LOT

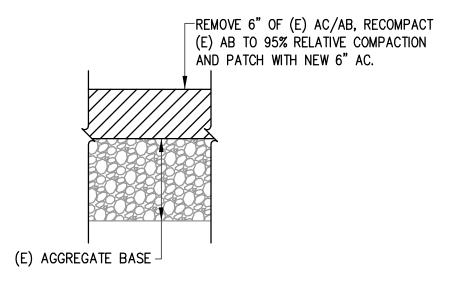
PAVING AND IMPROVEMENT PLAN

DATE FEBRUARY 22, 2016 CHECKED JT SCALE 1"=20'

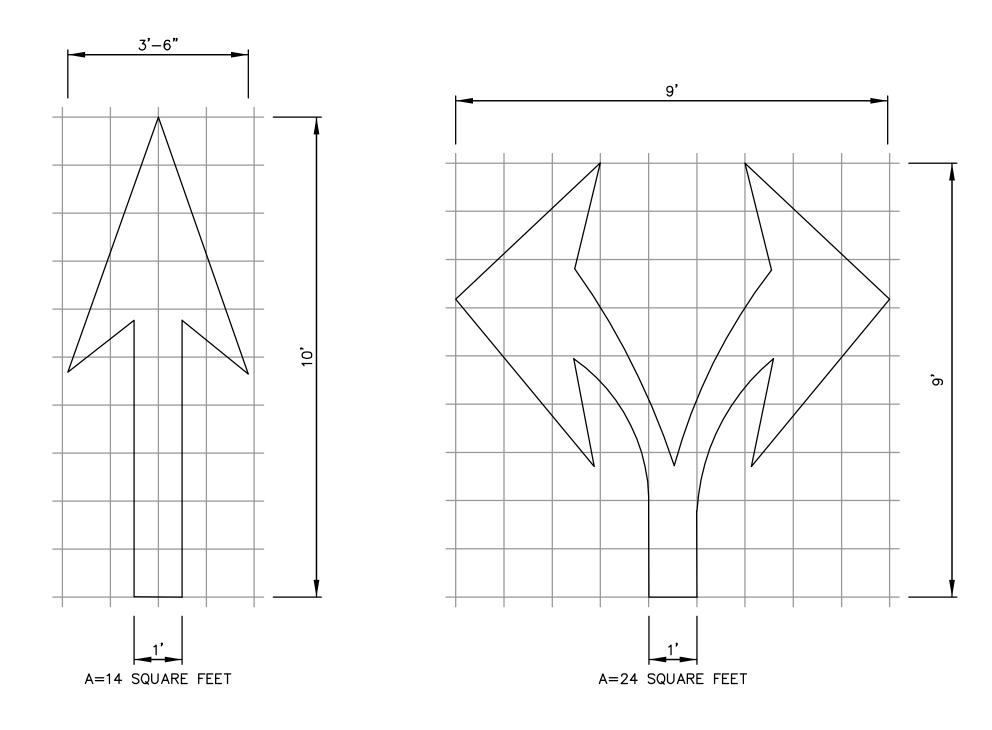
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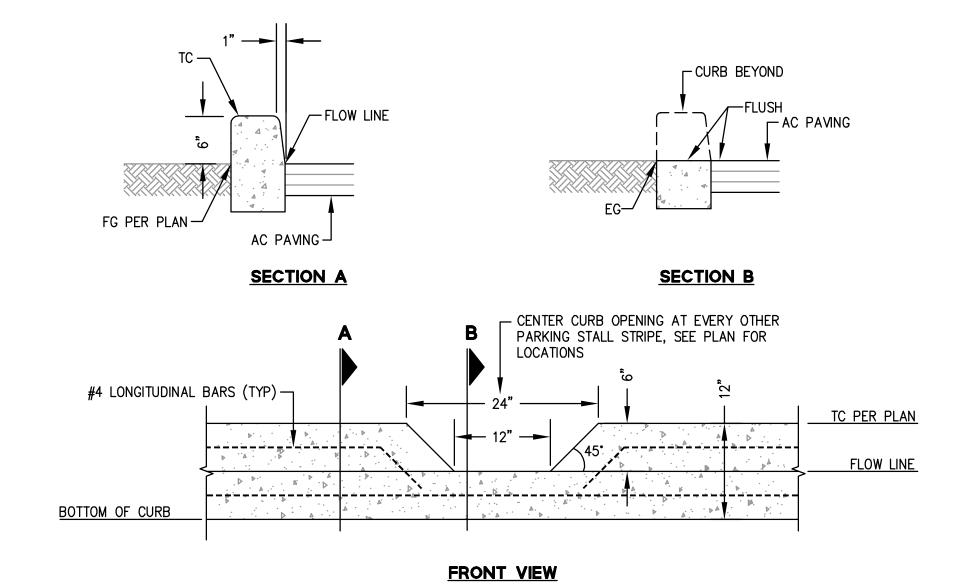




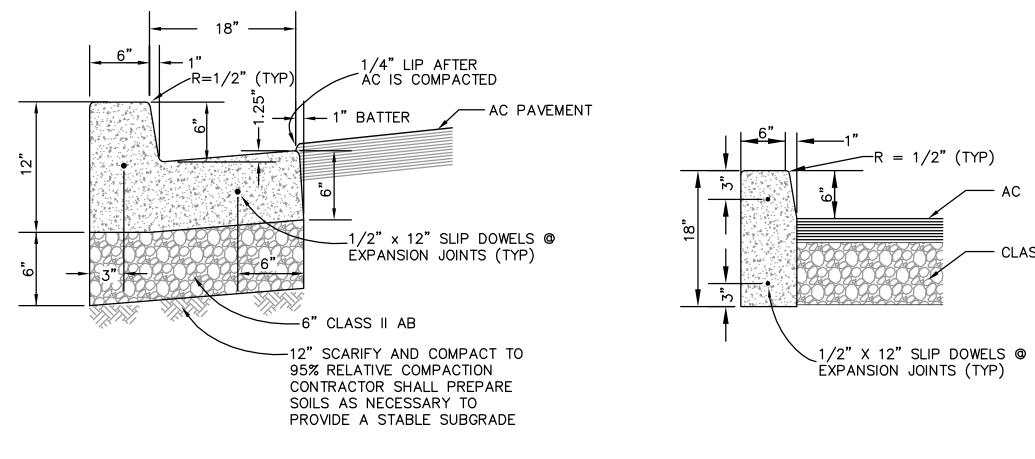
DEEP LIFT REPAIR PAVEMENT SECTION



PAVEMENT MARKING DETAILS NTS



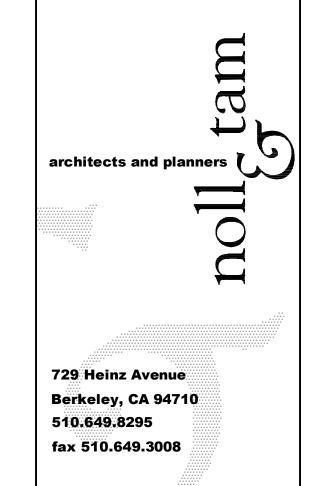
VERTICAL CURB CUT DETAIL







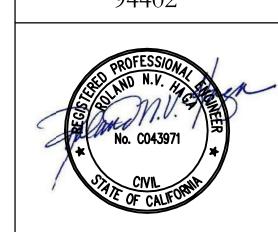
CLASS II AB





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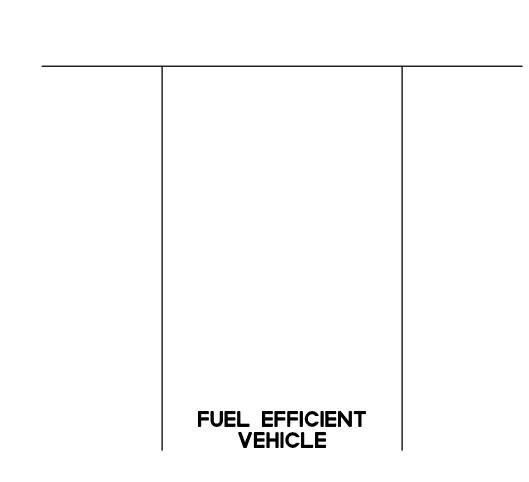
SHEET TITLE CONSTRUCTION DETAILS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016 DRAWN MD CHECKED JT SCALE 1"=20' JOB NO. 02921.61

SHEET NUMBER

C4.00



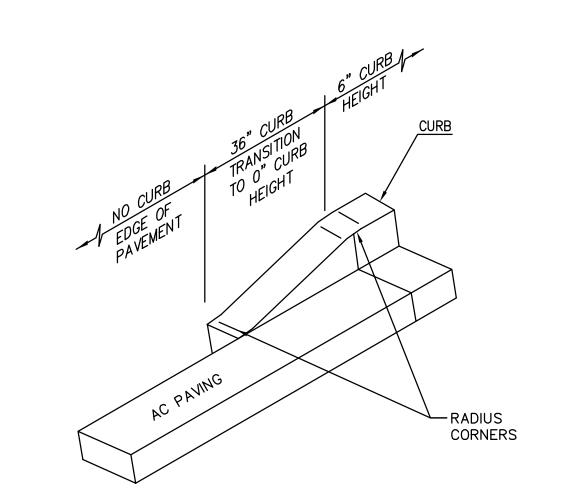
NOTES:

- 12" HIGH LETTERING TO BE PAINTED WHITE ON THE SURFACE OF EACH FUEL EFFICIENT VEHICLE PARKING STALL.
- 2. FUEL EFFICIENT VEHICLE LETTER SPACING SHALL BE 2" BETWEEN EACH LETTER, TYP.

FUEL EFFICIENT VEHICLE PARKING STALL DETAIL

- 3. FUEL EFFICIENT VEHICLE LETTER SPACING SHALL BE 6" BETWEEN EACH LINE OF TEXT

4. TEXT TO BE CENTERED IN PARKING STALL, TYP.



6" TO O" CURB TRANSITION

NTS

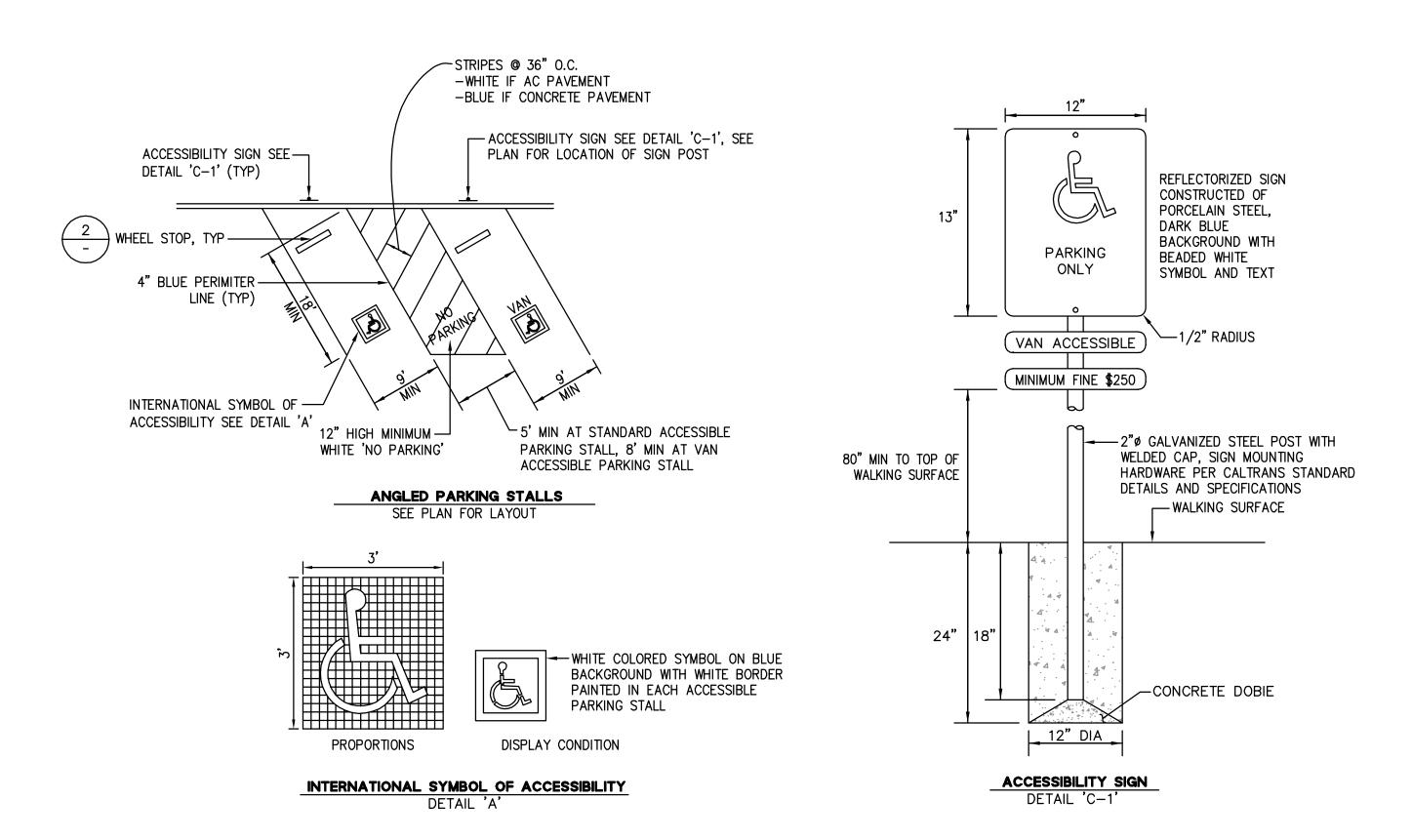


NOTE:

- 1. ALL SIGNS AND CODE REFERENCES SHALL BE IN ACCORDANCE WITH BOTH THE CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2014 EDITION, AND THE SAN MATEO COUNTY COMMUNITY COLLEGE DISTRICT (SMCCCD) SPECIFICATION SECTION 10 14 00, EXTERIOR SIGNAGE COLLEGE OF SAN MATEO, VERSION 1, DATED MAY 1, 2015. INSTALL ALL SIGNS PER SMCCCD SPECIFICATIONS.
- 2. SIGN POSTS ARE TO BE PER SMCCCD SPECIFICATION SECTION 10 14 00, EXTERIOR SIGNAGE COLLEGE OF SAN MATEO, VERSION 1, DATED MAY 1, 2015.

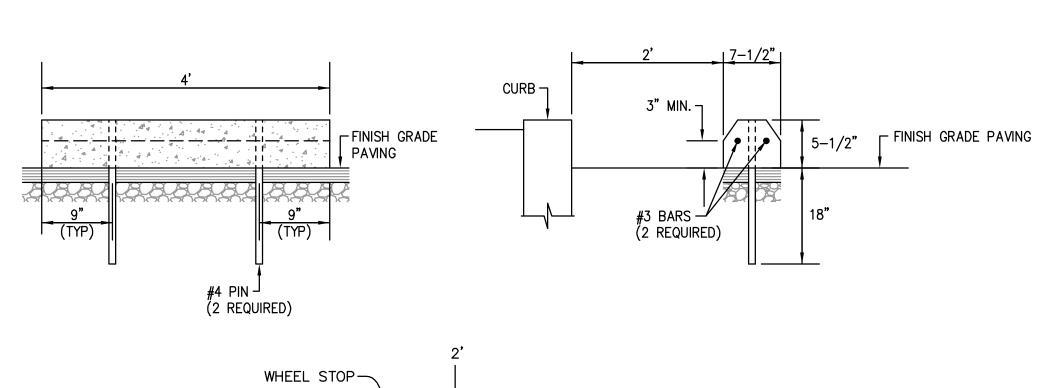
5 YIELD TO PEDESTRIAN (R1-5) SIGN

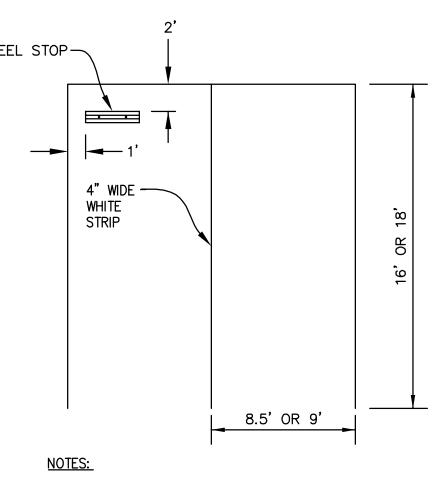
NTS



ACCESSIBLE PARKING STALLS AND SIGNS

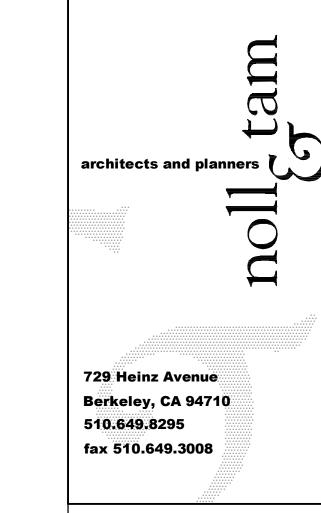
NTS





1. SEE PLANS FOR WHEEL STOP LOCATIONS

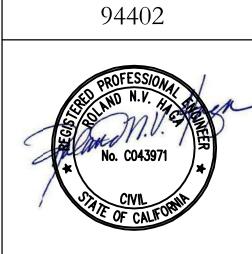






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SHEET TITLE

CONSTRUCTION
DETAILS

REVISIONS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016

DRAWN MD

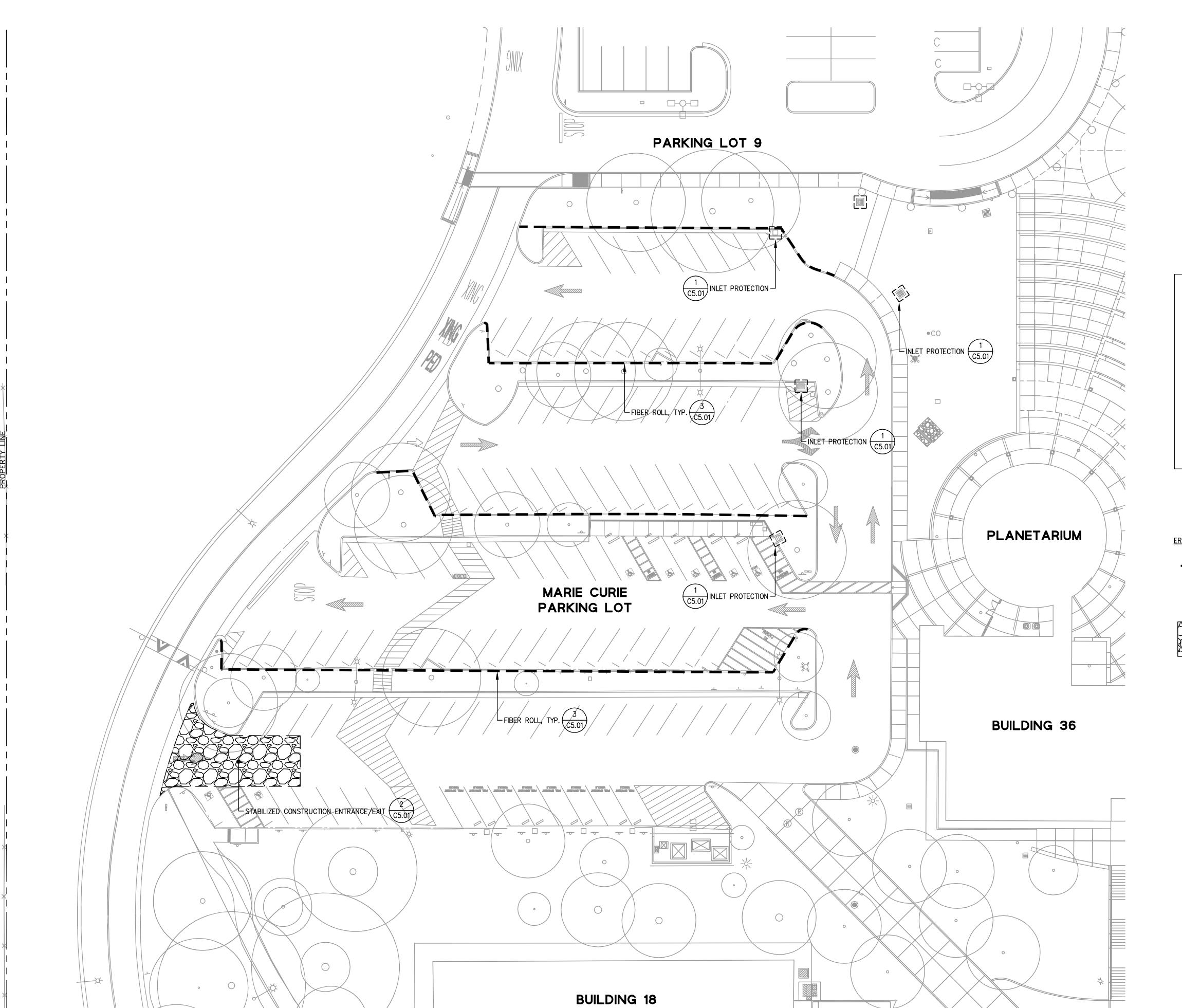
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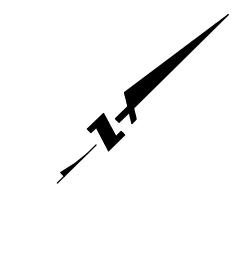
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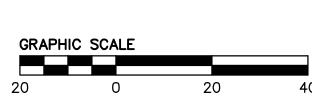
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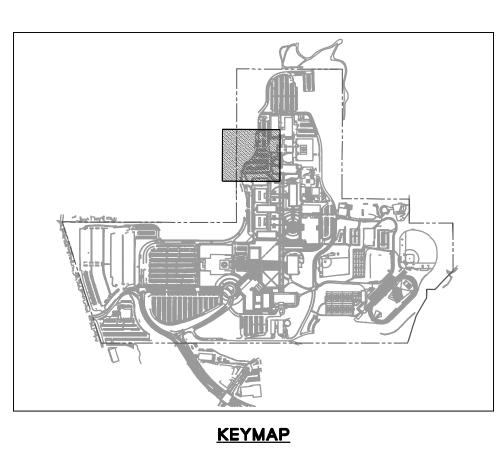
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C4.01









EROSION CONTROL LEGEND:

- FIBER

INLET SEDIMENT BARRIER

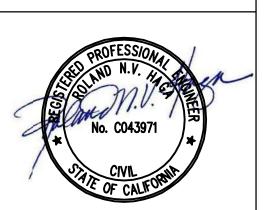
STABILIZED CONSTRUCTION ENTRANCE/EXIT WITH WASH-OUT AREA

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SHEET TITLE

EROSION CONTROL
PLAN

REVISIONS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016

DRAWN MD

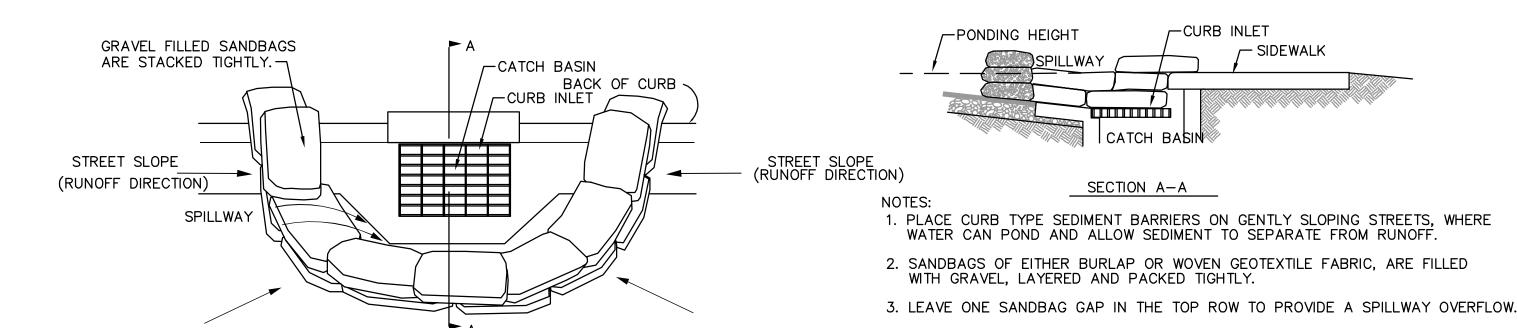
CHECKED JT

SCALE 1"=20'

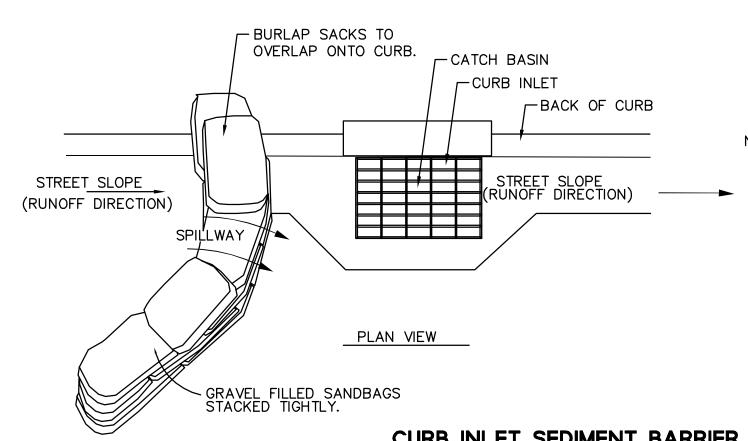
JOB NO. 02921.61
SHEET NUMBER

C5.00

ALL EROSION CONTROL MEASURES SHALL BE IN PLACE BY OCTOBER 15 AND MAINTAINED YEAR ROUND DURING ALL PHASES OF CONSTRUCTION.



CURB INLET SEDIMENT BARRIER - SUMP



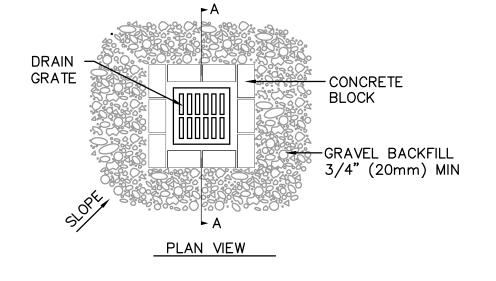
PLAN VIEW

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

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

- 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. 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



PONDING HEIGHT

CONCRETE BLOCK

→ WATER

GRAVEL BACKFILL-

OVERFLOW

DROP INL

SECTION A-A

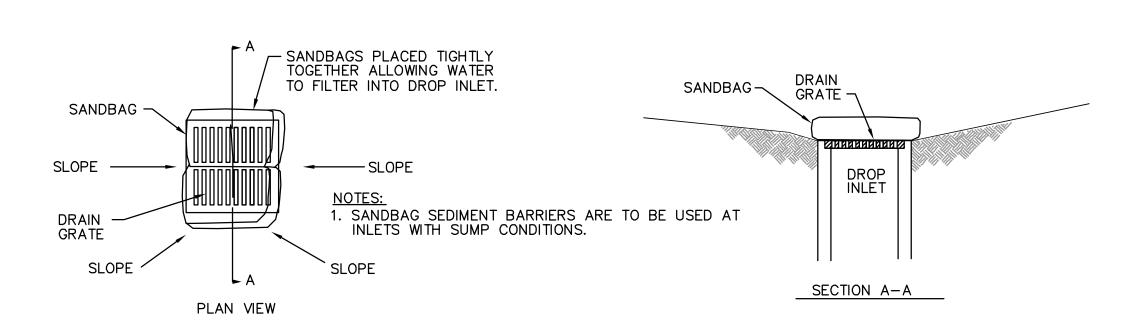
NOTES: 1. CINDER BLOCK

- CINDER BLOCK AND GRAVEL SEDIMENT BARRIERS ARE TO BE USED AT INLETS WITH SUMP CONDITIONS.
- 2. THE GRAVEL FILTER SHALL BE CONSTRUCTED OF GRADED ROCK, 3/4-INCH MINIMUM.
- 3. THE TOP OF THE STRUCTURE (PONDING HEIGHT) MUST BE WELL BELOW THE GROUND ELEVATION DOWNSLOPE TO PREVENT RUNOFF FROM BY—PASSING THE INLET. EXCAVATION OF A BASIN ADJACENT TO THE DROP INLET OR A TEMPORARY DIKE ON THE DOWNSLOPE OF THE STRUCTURE MAY BE NECESSARY.

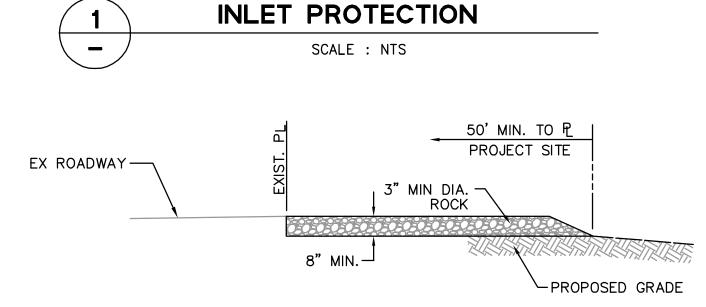
INSTALLATION PROCEDURE

- 1. PLACE CONCRETE BLOCKS ON THEIR SIDES. THE BLOCK OPENINGS SHOULD FACE OUTWARDS, NOT UPWARDS, SO THAT WATER CAN FLOW THROUGH.
- 2. PLACE FABRIC OVER THE OUTSIDE FACE OF THE CINDER BLOCKS TO PREVENT GRAVEL FROM BEING WASHED THROUGH THE BLOCK OPENINGS.
- 3. PLACE GRAVEL FILTER AGAINST THE FABRIC TO THE TOP OF THE BARRIER.

CINDER BLOCK AND GRAVEL SEDIMENT BARRIER



SANDBAG SEDIMENT BARRIER



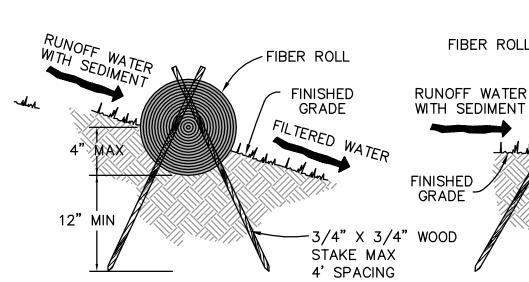
NOTES:

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- 1. THE LOCATIONS SHOWN ARE FOR INFORMATION ONLY. ALL CONSTRUCTION ENTRANCES EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT—OF—WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL ROCK AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USE TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT—OF—WAYS SHALL BE REMOVED IMMEDIATELY.
- 2. WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE/EXIT ONTO PUBLIC RIGHT—OF—WAYS. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED ROCK THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH OR WATERCOURSE THROUGH USE OF INLET PROTECTION (E.G. SAND BAGS OR OTHER APPROVED METHODS).
- 3. THE MATERIAL FOR CONSTRUCTION OF THE PAD SHALL BE 3" MIN ROCK.
- 4. THE THICKNESS OF THE PAD SHALL NOT BE LESS THAN 8".
- 5. THE WIDTH OF THE PAD SHALL NOT BE LESS THAN THE FULL WIDTH OF ALL POINTS OF INGRESS OR EGRESS, OR 25', WHICHEVER IS LESS.
- 6. THE LENGTH OF THE PAD SHALL NOT BE LESS THAN 50'.

STABILIZED CONSTRUCTION ENTRANCE/EXIT

SCALE : NTS



ENTRENCHMENT DETAIL
IN SLOPE AREA

ENTRENCHMENT DETAIL
IN FLAT AREA

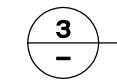
3/4" X 3/4" WOOD STAKE

FILTERED WATER

MAX 4' SPACING

NOTES:

- 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 AND CALIFORNIA STORMWATER BEST MANAGEMENT PRACTICES.
- 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 GRADING 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 DAY.
- 6. BEST MANAGEMENT PRACTICES AS DEFINED IN THE SWPPP SHALL BE OPERABLE YEAR ROUND.
- 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. STOCKPILED MATERIAL
- A. EXCAVATED SOILS SHOULD NOT BE PLACED IN STREETS OR ON PAVED AREAS.
- B. ANY EXCAVATED SOILS SHOULD BE REMOVED FROM THE SITE BY THE END OF THE DAY, UNLESS STOCKPILING IS NECESSARY.

 C. SURROUND ALL STOCKPILES WITH PERIMETER SILT FENCES, FIBER ROLLS,
- APPROPRIATELY SIZED SECONDARY CONTAINMENT, OR OTHER RUNOFF
- D. STABILIZE INACTIVE STOCKPILES WITH SOIL STABILIZER AND/OR MULCH, OR COVER WITH A TARPAULIN.
- E. COVER STOCKPILES OF CRUSHED AC OR PCC PAVEMENT WITH A TARPAULIN OR PROVIDE CASE—SPECIFIC DESIGNED SECONDARY CONTAINMENT AND
- CONTAINMENT AND SURROUND WITH APPROPRIATE RUNOFF CONTROLS.

 F. USE INLET PROTECTION FOR STORM DRAIN STRUCTURES ADJACENT TO THE
- MATERIAL.
 G. THOROUGHLY SWEEP ALL PAVED AREAS EXPOSED TO SOIL EXCAVATION PLACEMENT.
- 10. 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.
- 11. 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.
- 12. PADS SHALL BE GRADED TO MINIMIZE STANDING WATER. SPECIFIC LOCATIONS REQUIRING SUPPLEMENTAL GRADING TO ACHIEVE ACCEPTABLE DRAINAGE SHALL BE DETERMINED BY THE CONSTRUCTION MANAGER.
- 13. STUBBED OUT ENDS OF PARTIALLY COMPLETED SUBDRAINS SHALL BE WRAPPED WITH AN APPROVED FABRIC TO PREVENT SOIL AND DEBRIS FROM ENTERING THE PIPE.
- 14. HAUL ROADS ARE CURRENTLY NOT SHOWN ON THE PLANS. EROSION CONTROL MEASURES SHALL BE TAKEN TO MINIMIZE EROSION RELATED TO HAUL ROADS.
- 15. DISPOSAL AREAS FOR SEDIMENT TO BE DETERMINED IN FIELD. WHEN MATERIAL IS STOCKPILED, IT SHALL BE SURROUNDED BY FIBER ROLLS.
- 16. TEMPORARY AND PERMANENT SLOPES GREATER THAN 5 FEET SHALL BE SEEDED UNLESS OTHERWISE SHOWN ON THE PLAN.
- 17. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED DURING GRADING OPERATION, BEFORE OCTOBER 1 AND PRIOR TO INSTALLATION OF STORM DRAINAGE SYSTEM. SUCH ADDITIONAL MEASURES WILL BE CONTINGENT UPON THE STAGE OF GRADING OPERATION. CONTRACTOR SHALL IMPLEMENT ANY ADDITIONAL EROSION CONTROL MEASURES AS REQUIRED BY THE ENGINEER.

- 18. 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 ENGINEER.
- 19. ALL DISTURBED SLOPE AREAS SHALL BE HYDROSEEDED PRIOR TO OCTOBER 1.
- 20. 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.
- 21. ALL SEED SHALL BE DELIVERED TO THE SITE IN SEALED CONTAINERS. CONTAINERS SHALL BE CLEARLY MARKED AS TO SPECIES, PURITY, PERCENT GERMINATION, DEALER'S GUARANTEE AND DATES OF HARVEST AND TEST. THE SUPPLIER SHALL BE APPROVED BY THE CITY AND THE SEED EXAMINED AT THE TIME CONTAINERS ARE OPENED.
- 22. MULCH SHALL BE A FIBROUS WOOD CELLULOSE MATERIAL CAPABLE OF UNIFORM SUSPENSION WHEN ADDED TO WATER AND AGITATED IN A SLURRY TANK. WATER CONTENT OF THE FIBER BEFORE MIXING INTO THE SLURRY SHALL NOT EXCEED 15% (FIFTEEN PERCENT) OF THE DRY WEIGHT OF THE FIBER, AS DETERMINED BY CALIFORNIA TEST NO. 226. COMMERCIALLY PACKAGED FIBER SHALL HAVE THE MOISTURE CONTENT MARKED ON THE PACKAGE. A CERTIFICATE OF COMPLIANCE MAY BE REQUIRED BY THE ENGINEER.
- 23. STABILIZER CAN BE TYPE M OR EQUAL, APPLIED AT 150 POUNDS PER ACRE FOR ALL SLOPES. STABILIZING EMULSION SHALL CONFORM TO THE REQUIREMENTS IN SECTION 20-2.11, "STABILIZING EMULSION", OF THE CALTRANS STANDARD SPECIFICATION EXCEPT THAT THE STABILIZING SHALL BE ORGANIC DERIVATIVE SUCH AS GUM, A SEMI-REFINED SEAWEED EXTRACT, 100% UNREFINED WHEAT STARCH, OTHER SIMILAR PRODUCT OR PROCESSED ORGANIC ADHESIVE USED AS A SOIL BINDER.
- 24. FERTILIZER SHALL BE 16/20/0 + 13S (SULFUR) APPLIED AT 280 POUNDS PER
- 25. WATER FOR HYDROMULCHING SHALL BE CLEAR. SUFFICIENT WATER SHALL BE ADDED TO THE SLURRY MIXTURE TO ENSURE UNIFORM DISTRIBUTION OF HYDROMULCH SOLIDS.
- 26. OTHER AGENTS SUCH AS PHOTO—CHEMICAL DYES, WATER PENETRANTS AND TACKIFIERS MAY BE ADDED AT THE DISCRETION OF THE CONTRACTOR OR ENGINEER.
- 27. VELOCITY CHECK DAMS SHALL BE CONSTRUCTED OF 2 GRAVEL SACKS WIDE AND SHALL EXTEND COMPLETELY ACROSS THE STREET WITH ONE SACK HIGHER ON EACH END OF THE DAM. GRAVEL SACKS SHALL BE COVERED WITH DIRT MATERIAL WHEN SACKS ARE IN PLACE. BAGS SHALL BE STAGGERED SO ENDS DO NOT ALIGN.
- 28. GRAVEL MATERIAL IN SACK SHALL BE PEA GRAVEL.
- 29. SACKS SHALL BE CONSTRUCTED OF WOVEN POLYPROPYLENE, POLYETHYLENE, OR POLYAMIDE FABRIC. MINIMUM FABRIC WEIGHT IS 4 OUNCES PER SQUARE YARD AND THE MULLEN BURST STRENGTH SHOULD EXCEED 300 PSI. MATERIALS SHOULD CONFORM TO ASTM D3786 AND HAVE ULTRAVIOLET STABILITY IN EXCESS OF 70 PERCENT ACCORDING TO ASTM D4355. BURLAP IS NOT ACCEPTABLE.
- 30. GRAVEL SACKS SHALL BE AT LEAST 4" HIGHER THAN THE FIBER ROLL AT THE NEAREST CATCH BASIN.
- 31. INSPECT SACKS BEFORE AND AFTER EACH RAIN EVENT AND WEEKLY DURING THE WET SEASON.
- 32. RESHAPE BARRIER OR REPLACE GRAVEL SACKS AS NEEDED
- 33. REPAIR ANY WASHOUTS OR OTHER DAMAGE CAUSED BY CONSTRUCTION
- 34. REMOVE SILT WHEN THE DEPTH REACHES ONE—THIRD THE BARRIER HEIGHT.
- 35. REMOVE SILT AND DISPOSE OF SO AS NOT TO CAUSE SILTATION PROBLEMS.

 36. PREVENT WATER FROM FLOWING AROUND THE ENDS OF THE BARRIER.
- 37. FROM MAY THROUGH OCTOBER, WATER SHOULD NOT BE ALLOWED TO POND BEHIND GRAVEL SACK BARRIERS FOR MORE THAN 7 DAYS.
- 38. 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.
- 39. 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 15TH 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.
- 40. 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.
- 41. STANDBY CREWS SHALL BE ALERTED BY THE PERMITEE OR CONTRACTOR FOR EMERGENCY WORK DURING RAIN STORMS.
- 42. BORROW AREAS AND TEMPORARY STOCKPILES SHALL BE PROTECTED WITH APPROPRIATE EROSION CONTROL MEASURES TO THE SATISFACTION OF THE TOWN ENGINEER.
- 43. 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.
- 44. NEARBY OFF—SITE INLETS THAT MAY RECIEVE SEDIMENT—LADEN WATER SHALL BE PROTECTED.
- 45. REFUELING OF VEHICLES AND EQUIPMENT SHALL BE PROHIBITED WITHIN 100 FEET OF ALL DRAINAGES.
- 46. ALL EQUIPMENT AND VEHICLES SHALL BE CLEAN OF GREASE AND/OR HYDRAULIC LEAKS.
- 47. STENCIL ALL CATCH BASINS AND INLETS WITH A "NO DUMPING, DRAINS TO BAY", THERMOPLASTIC DECAL.

ALL EROSION CONTROL MEASURES SHALL BE IN PLACE

BY OCTOBER 15 AND MAINTAINED YEAR ROUND DURING

ALL PHASES OF CONSTRUCTION.

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SHEET TITLE

EROSION CONTROL NOTES AND DETAILS

REVISIONS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016

DRAWN MD

CHECKED JT

SCALE 1"=20'

JOB NO. 02921.61

SHEET NUMBER

C5.01

12. CONTRACTOR MUST GIVE 48 HOURS NOTICE TO LANDSCAPE ARCHITECT PRIOR TO SITE VISIT. ACCESSIBILITY NOTES

FOR GRATINGS LOCATED ON THE SURFACE OF ANY PEDESTRIAN WAY, IN THE PATH OF TRAVEL, GRID/OPENINGS SHALL BE LIMITED TO 1/2 " MAXIMUM IN THE DIRECTION OF TRAVEL. IF SUCH CONDITIONS OCCUR, PROVIDE MANUFACTURER'S CUT SHEETS OF GRATE FOR REFER TO CIVIL ENGINEER'S UTILITY AND GRADING PLANS FOR UTILITY LOCATIONS, PLANTER POT SUB DRAINAGE STUBOUTS (IF REQUIRED), AND FINAL GRADING AND DRAINAGE. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECTURAL PLANS. THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR DIRECTIONS AS TO HOW TO PROCEED.

PLANTING NOTES

2. FIELD VERIFY LOCATIONS OF ALL PERTINENT SITE IMPROVEMENTS INSTALLED AS PART OF OTHER PLANS, IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.

3. CONTRACTOR SHALL OBTAIN AGRICULTURAL SUITABILITY AND FERTILITY SOILS TESTING. ANALYSIS SHALL INCLUDE RECOMMENDATIONS FOR SOIL PREPARATION AND BACKFILL MIX AS WELL AS RECOMMENDATIONS FOR POST MAINTENANCE FERTILIZATION. SOILS TESTING LABORATORY SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.

4. A COPY OF THE SOILS REPORT SHALL BE GIVEN TO THE LANDSCAPE ARCHITECT PRIOR TO ANY WORK BEING DONE. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE OF ANY SOIL PROBLEMS THAT MIGHT AFFECT PLANT GROWTH.

CONTRACTOR SHALL INSTALL SOIL PREPARATION AND BACKFILL MIX TO CONFORM TO THE SOILS REPORT RECOMMENDATIONS. BID REVISIONS, AS A RESULT OF THE SOILS REPORT RECOMMENDATIONS, SHALL HAVE A WRITTEN CHANGE ORDER FROM THE GENERAL CONTRACTOR PRIOR TO THE CONTRACTOR'S INSTALLING SOIL PREPARATION AND BACKFILL MIX.

6. IF PLANTING PITS ARE EXCAVATED USING A POWER AUGER, BREAK VERTICAL SIDES WITH A BALLIN BAR OR SPADE TO ROUGHEN SIDES OF THE PLANTING PIT.

7. CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS PERTAINING TO THE INSPECTION FOR PLANT DISEASES AND INSECT INFESTATION.

8. CONTRACTOR SHALL VERIFY TAGS FOR ALL PLANT MATERIAL. NAME AND SIZE IN ACCORDANCE WITH AMERICAN ASSOCIATION OF NURSERYMEN, AND WITH WELL DEVELOPED BRANCH AND ROOT SYSTEMS.

9. PLANTS ARE SUBJECT TO LANDSCAPE ARCHITECT'S INSPECTION FOR SIZE, VARIETY, CONDITION, DEFECTS, AND INJURY AT THE PLACE OF GROWTH AND THE PROJECT SITE AT ANY TIME BEFORE AND DURING PROGRESS OF WORK.

10. REMOVE REJECTED PLANTS FROM THE SITE IMMEDIATELY AND REPLACE WITH ACCEPTABLE

MATERIALS. 11. SUBSTITUTIONS WILL NOT BE PERMITTED WITHOUT THE LANDSCAPE ARCHITECT'S WRITTEN

APPROVAL. 12. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND SQUARE FOOTAGES. QUANTITIES SHOWN ON PLANS TAKE PRECEDENCE OVER WRITTEN QUANTITIES IN

'PLANTING LEGEND'. QUANTITIES LISTED ON PLANT LEGEND ARE PER SHEET. 13. CONTRACTOR SHALL SUBMIT FOR APPROVAL PHOTOS OF ALL BOXED TREES. PHOTOS SHALL INCLUDE A 6' TALL PERSON FOR SCALE PURPOSES. ALL BOX TREES SHALL BE OF A QUALITY AS DETERMINED BY THE LANDSCAPE ARCHITECT. MATERIAL FOUND UNSUITABLE FOR

THE DESIGN OR SPECIFICATION INTENT WILL BE REJECTED.

14. PROVIDE MATCHING FORMS AND SIZES FOR ALL PLANT MATERIALS WITHIN EACH SPECIES AND SIZE DESIGNATED ON THE DRAWINGS.

15. EXACT LOCATIONS OF PLANT MATERIALS SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANTS TO EXACT LOCATION IN THE FIELD.

16. ALL SHRUBS AND TREES ARE TO BE ALIGNED AND EQUALLY SPACED IN ALL DIRECTIONS AS DESIGNATED PER THESE NOTES AND DRAWINGS.

17. TREES ARE TO BE PLANTED A MINIMUM OF 3' AWAY FROM ANY HARDSCAPE SUCH AS CURBS, WALLS, WALKS, ETC.

18. PROVIDE ROOT BARRIERS IN ADDITION TO THOSE INDICATED ON THE PLANS FOR ALL TREES WITHIN 5' OF ANY HARDSCAPE.

19. PLANT ALL TREES A MINIMUM OF 2' FROM ANY DRAIN LINES. THE LANDSCAPE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL DRAIN LINES PRIOR TO COMMENCING WORK.

20. TREES SHALL BE PLANTED WITH THEIR ROOTBALL 2" ABOVE ADJACENT FINISH GRADE AND SHRUBS SHALL BE PLANTED WITH THEIR ROOTBALL 1" ABOVE ADJACENT FINISH GRADE.

21. PRUNE NEWLY PLANTED TREES ONLY AS DIRECTED BY LANDSCAPE ARCHITECT.

22. PROVIDE A 2" LAYER OF BARK MULCH AT ALL TREE AND SHRUB PLANTING AREAS. SUBMIT SAMPLE OF BARK MULCH TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT. REJECTED MATERIAL WILL BE REMOVED FROM THE SITE AT THE EXPENSE OF THE

23. CONTRACTOR SHALL REMOVE TAGS, LABELS, NURSERY STAKES AND TIES FROM ALL PLANTS. 24. REPLACEMENT PLANTS SHALL BE THE SAME KIND AND SIZE AS ORIGINALLY PLANTED.

25. REFER TO SPECIFICATIONS FOR TREE PROTECTION AND TRIMMING SPECIFICATIONS. ALL PRUNING SHALL BE PERFORMED BY A CERTIFIED ARBORIST.

26. LANDSCAPE MAINTENANCE PERIOD IS 90 DAYS.

1. THE CONTRACTOR SHALL LAYOUT AND FIELD VERIFY ALL DIMENSIONS OF DRIVEWAYS, PLANTERS, WALKS, SLOPES, AND RELATED WORK PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE.

2. FIELD VERIFY LOCATIONS OF ALL SITE IMPROVEMENTS INSTALLED AS PART OF OTHER PLANS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT THE OWNERS REPRESENTATIVE FOR INSTRUCTION PRIOR TO BEGINNING WORK.

LAYOUT AND MATERIALS NOTES

3. WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALE. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTERLINES. ALL DIMENSIONS ARE TO FACE OF WALL, CURB OR OTHER FIXED SITE IMPROVEMENT, UNLESS OTHERWISE NOTED. DIMENSIONS TO CENTERLINES ARE AS INDICATED.

4. INSTALL ALL INTERSECTING ELEMENTS AT 90 DEGREES TO EACH OTHER UNLESS OTHERWISE

PRIOR TO INSTALLATION OF ANY CONSTRUCTION ITEM, FORMS WITH STEEL IN PLACE AND COMPACTED SUB GRADE WILL BE INSPECTED BY THE LANDSCAPE ARCHITECT. AFTER REVIEW OF THE LAYOUT WITH THE LANDSCAPE ARCHITECT, CONSTRUCTION MAY PROCEED.

6. ALL CURVILINEAR WALLS AND WALKS SHALL HAVE SMOOTH, CONTINUOUS TRANSITION OF CURVES TO OTHER CURVES, AND CURVES TO TANGENTS AS INDICATED ON THE PLANS. BOTH HORIZONTALLY AND VERTICALLY. 7. PROVIDE EXPANSION JOINTS WHERE CONCRETE PLATFORM MEETS VERTICAL STRUCTURES SUCH

AS WALLS, STEPS, BUILDINGS, COLUMNS AND CURBS. REFER TO EXPANSION JOINT DETAIL

FOR FURTHER REQUIREMENTS. 8. LOCATE SCORE LINES AND CONTROL JOINTS PER THE LAYOUT PLAN, OR AS ADJUSTED IN

9. ALIGN ALL JOINTS IN THE CURBS WITH JOINTS IN THE ADJACENT HARDSCAPE, WHENEVER

THE FIELD UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT.

POSSIBLE. VERIFY EXACT LOCATIONS WITH LANDSCAPE ARCHITECT.

10. THESE PLANS INCLUDE THE LOCATION OF AREA DRAINS FOR REFERENCE. REFER TO RELATED CIVIL ENGINEERING PLANS FOR CONSTRUCTION DETAILS AND UTILITY CONNECTIONS.

11. ALL DRAINS / BASINS SHOULD HAVE ATRIUM TYPE GRATES WHEN LOCATED IN SHRUB / GROUND COVER AREAS AND FLAT TYPE GRATES WHEN LOCATED IN TURF AREAS.

12. REFER TO ELECTRICAL ENGINEER'S DRAWINGS FOR LIGHT FIXTURE SCHEDULE AND CIRCUITRY

AS NECCESSARY. ALL ELECTRICAL JUNCTION BOXES FOR LIGHTING SHALL BE PLACED IN PLANTING AREAS. STAKE LOCATION PRIOR TO INSTALLATION. LOCATION TO BE REVIEWED BY

13. REFER TO SOIL ENGINEER'S GEOTECHNICAL REPORT FOR SUB-BASE MATERIALS AND COMPACTION.

LANDSCAPE GRADING AND DRAINAGE

REFER TO CIVIL ENGINEER'S GRADING AND DRAINAGE PLANS FOR SITE GRADING, DRAINAGE AND UTILITY CONNECTIONS. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECT'S PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.

2. REFER TO CIVIL ENGINEER'S DRAWINGS FOR SUB DRAINAGE POINT OF CONNECTION TO STORM

3. FIELD VERIFY EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES AND SHALL BE

RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION. 4. NO CHANGE IN CONTRACT PRICE WILL BE ALLOWED FOR ACTUAL OR CLAIMED DISCREPANCY BETWEEN EXISTING GRADE AND THOSE SHOWN ON THE PLANS AFTER CONTRACTOR HAS ACCEPTED EXISTING GRADES AND MOVED ONTO THE SITE.

5. ALL PROPOSED GRADES ARE TO MEET AND BLEND IN WITH EXISTING GRADES AT PROJECT LIMIT, EXISTING SIDEWALKS, AND BUILDINGS. PRECISE ELEVATIONS INDICATED ON PLANS TO BE VERIFIED IN FIELD TO AS-BUILT CONDITION.

6. FINISH GRADES OF ALL TURF AREAS SHALL BE (1") BELOW ADJACENT CURB OR PAVEMENT. FINISH GRADES OF ALL SHRUB AREAS SHALL BE (1-1/2) BELOW ADJACENT CURB. PAVEMENT OR HEADER. FINAL LANDSCAPE GRADING SHALL BE REVIEWED BY THE LANDSCAPE ARCHITECT IN THE FIELD PRIOR TO INSTALLATION OF PLANTING.

7. ALL GRADING OPERATIONS SHALL CONFORM TO CHAPTER 33 AND ITS APPLICABLE APPENDICES OF THE CALIFORNIA BUILDING CODE.

8. THE DEBRIS CREATED BY LANDSCAPE GRADING OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF OFF-SITE AT NO COST TO THE

9. INSTALL JUTE MESH ON ALL SLOPES (3:1) AND GREATER. INSTALLATION METHOD PER MANUFACTURER'S RECOMMENDATIONS.

1. SITE LIGHTING FIXTURES ARE LOCATED ON THIS PLAN. REFER TO ELECTRICAL PLANS FOR LIGHT FIXTURE TYPES AND MODEL NUMBERS. REFER TO CIVIL PAVING PLAN FOR PAVING SECTIONS AND EXTENTS. REFER TO SIGNAGE PLANS FOR SIGN TYPES, TEXT AND DETAILS. 4. REFER TO SHEET LO.01 FOR SITE FURNISHING LIST. 5. ALL PAVING JOINTS IN THE TWO CIRCULAR PLAZAS SHALL BE SAWCUT JOINTS PER DETAIL 02/L2.03 KEYNOTE B - CONCRETE COLOR AND FINISH OF CURBS SHALL MATCH ADJACENT PAVEMENT

CONCRETE REBAR — ALL AREAS OF CONCRETE WHERE PATTERN ENDS IN A TRIANGLE POINT TO HAVE ADDITIONAL REINFORCEMENT PLACED AT TIP OF EACH TRIANGLE. TWO 18" BARS TO BE PLACED PARALLEL TO CONCRETE EDGE - 3" CLEAR.

NOTES:

09/28/2015 X | LO.01 LANDSCAPE AND NOTES AND SCHEDULES

09/28/2015 X L4.01 CONSTRUCTION DETAILS

MISCELLANEOUS PLANTING SYMBOLS

— – — PERFORATED DRAIN PIPE AT RETAINING WALLS

SITE SYMBOLS LEGEND

— — LINEAR ROOT BARRIER – ALL TREES WITHIN 5'-0" OF PAVING

SYM.	DESC.	SYM.	DESC.	DET.
D	FIRE HYDRANT	+	ELECTRICAL OUTLETS (P	ER ELEC)
®	CLEANOUT (PER CIVIL)		SCORE JOINT	03/ L4.01
	DRAIN INLET (PER CIVIL)		EXPANSION JOINTS	03/ L4.01
	CATCH BASIN (PER CIVIL)		LIMIT OF WORK	
	MANHOLE (PER CIVIL)	TOS	TOP OF STAIR	
	ACCESSIBLE SIGN. SEE LAYOUT PLANS	BOS	BOTTOM OF STAIR	
00	FIRE DEPT. BACKFLOW	FOB	FACE OF BUILDING	
\Box	IRRIGATION CONTROLLER	FOC	FACE OF CURB	
В	DOMESTIC BACKFLOW PREVENTOR	ВОС	BACK OF CURB	
\longrightarrow	DOWN SLOPE DIRECTION OF RAMP	PA	PLANTING AREA	
-		\downarrow	ALIGN	

NOTE: UTILITIES SHOWN ARE FOR REFERENCE ONLY. SEE CIVIL DWGS. FOR DETAILS AND EXACT LOCATIONS. FINAL LOCATIONS TO BE REVIEWED BY LANDSCAPE ARCHITECT

MANUFACTURER'S LIST

1. ROOT BARRIER AVAILABLE THROUGH DEEP ROOT 81 LANGTON STREET SUITE 4 SAN FRANCISCO, CA 94010

CONTACT: PETE VOSKES AT (800) 458-7668.

2. LANDSCAPE FORMS 431 LAWNDALE AVE. KALAMAZOO, MI 49048 CONTACT: REBECCA CASEY AT (510) 594-1777.

QUICK CRETE PRODUCTS PO BOX 639. 731 PARKRIDGE AVE NORCO, CA 92860 CONTACT: JOSE GUTIERREZ AT (415) 971-9669

COLOR / FINISH NATURAL GREY MEDIUM BROOM

COMMENTS

KEYNOTES

REFERENCE KEYNOTES

NOTE DESCRIPTION

CONCRETE PAVING

NOIL	DESCRIPTION	SHI	OOMMENTS
Α	A.C. PAVING	-/ -	PER CIVIL
В	CONCRETE CURB	-/ -	PER CIVIL
С	PARKING LOT STRIPING	-/ -	PER CIVIL
	PAVEMENT MARKINGS	-/ -	PER CIVIL
E _	EXISTING A.C. PAVING	-/	PROTECT IN PLACE
F _	EXISTING CONCRETE PAVING	_/ _/	PROTECT IN PLACE
G _	EXISTING STAIRS	-/	PROTECT IN PLACE
<u> </u>	EXISTING CURB RAMP	_/ _/ _	PROTECT IN PLACE
II —	WILDLAND FIRE ACCESS	-/	PER CIVIL
K _	ENCLOSURE W/ LOAD CENTER	<u>-/</u>	PER ARCHITECTURE
	EXISTING CURB	<u>-/</u>	PROTECT IN PLACE
	EXISTING FIRE HYDRANT	-/ -	PROTECT IN PLACE
N	SEXTANT SCULPTURE	-/ -	BY OWNER
Р	FIRE HYDRANT	-/ -	PER CIVIL
Q	ACCESSIBLE PARKING STALL	-/ -	PER CIVIL
R	ACCESSIBLE PARKING SIGNAGE	-/ -	PER CIVIL
S	ACCESSIBLE DROP OFF ZONE	-/ -	PER CIVIL
T	EMERGENCY PHONE PULL BOX	-/ -	PER ELECT/TELECOMM/AV DWGS
U	TRUNCATED DOMES	-/ -	PER CIVIL DARK GRAY/CHARCOAL COLOR
V	NOT USED	-/ -	-/ -
W	EXISTING GRAVEL BAND	-/ -	PROTECT IN PLACE
X	ELECT/TELECOMM/AV EQUIP	-/ -	PER ELECT/TELECOMM/AV DWGS
Υ	EXISTING CONCRETE BAND	-/ -	PROTECT IN PLACE
Z	ACCESSIBLE PARKING TOW-AWAY SIGN	-/ -	PER CIVIL
AA	PARKING PERMIT MACHINE	-/ -	PER CIVIL
ВВ	EXISTING BIKE RACKS	PER MANUF.	RELOCATE TO THIS LOCATION
CC	DIRECTIONAL SIGNAGE		

LIGHTING LEGEND

	SYM.	DESCRIPTION	COMMENTS -/	DET. REF. / REMARKS
	\boxtimes	LIGHT BOLLARD	-	PER ELEC.
	\boxtimes	PEDESTRIAN POLE LIGHTS	_	PER ELEC.
["COBRA" PARKING LOT LIGHTS	-	PER ELEC.
	×	ELECTRICAL OUTLET	-	PER ELEC.

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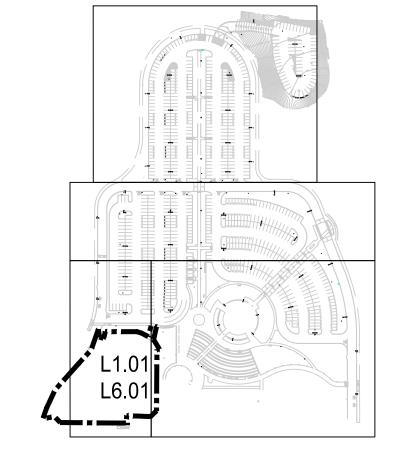
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REVISIONS

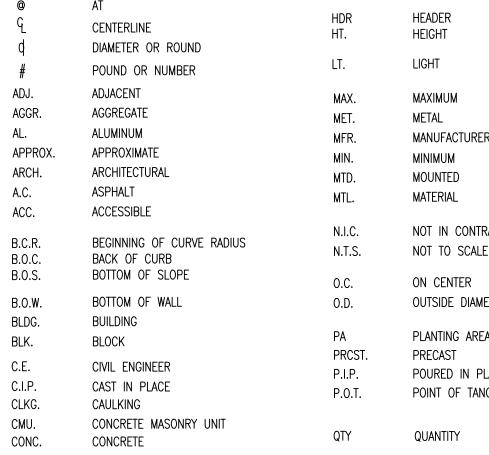
JOB NO. **02921.61**

DATE FEB 22, 2016

LO.01



SITE MAP



ANGLE

ABBREVIATIONS

GND.

GROUND GRADE

MINIMUM MOUNTED MATERIAL NOT IN CONTRACT NOT TO SCALE ON CENTER OUTSIDE DIAMETER (DIM.) PLANTING AREA PRECAST POURED IN PLACE POINT OF TANGENCY QUANTITY CONSTRUCTION RISER CONTINUOUS RADIUS RAD. CTR. CENTER REINF. REINFORCED REQ. REQUIRED DETAIL DISABLED ACCESS SCHED. SCHEDULE DIAMETER SHT. SHEET DIMENSION DIM. SPEC. SPECIFICATION DOWN S.S. STAINLESS STEEL STD. STANDARD STRL. STRUCTURAL

EXPANSION JOINT ELEVATION ELECTRICAL T.C. TOP OF CURB EQUAL T.O.S. TOP OF SLOPE EXPANSION T.O.W. TOP OF WALL TYP. TYPICAL TBS. TO BE SELECTED FINISH SURFACE

W/O WITHOUT

F.O.W. FACE OF WALL FACE OF BUILDING FACE OF CURB

GALV. GALVANIZED

EXP.

CONSTR. CONT.

NOTES:

- 1. SITE LIGHTING FIXTURES ARE LOCATED ON THIS PLAN. REFER TO ELECTRICAL PLANS FOR LIGHT FIXTURE TYPES AND MODEL NUMBERS.
- REFER TO CIVIL PAVING PLAN FOR PAVING SECTIONS AND EXTENTS. REFER TO SIGNAGE PLANS FOR SIGN TYPES, TEXT AND DETAILS.
- 4. REFER TO SHEET LO.01 FOR SITE FURNISHING LIST.

CONCRETE TIE IN L4.01

L4.01 CONCRETE TIE IN -

EXISTING TREES - RETAIN

LOT 8

- REFER TO CIVIL DRAWINGS

FOR WORK IN THIS AREA -

AND PROTECT, TYP.

5. ALL PAVING JOINTS IN THE TWO CIRCULAR PLAZAS SHALL BE SAWCUT JOINTS PER DETAIL 02/L2.03 6. KEYNOTE B - CONCRETE COLOR AND FINISH OF CURBS SHALL MATCH ADJACENT PAVEMENT 7. CONCRETE REBAR — ALL AREAS OF CONCRETE WHERE PATTERN ENDS IN A TRIANGLE POINT TO HAVE ADDITIONAL REINFORCEMENT PLACED AT TIP OF EACH TRIANGLE. TWO 18" BARS TO BE PLACED PARALLEL TO CONCRETE EDGE - 3" CLEAR.

KEYNOTES

KEY Note	DESCRIPTION	DET/ SHT	COLOR / FINISH	
1	CONCRETE PAVING	01/ L4.01	NATURAL GREY / MEDIUM BROOM	

REFERENCE KEYNOTES

DET/ SHT	COMMENTS
-/ -	PER CIVIL
-/ -	PROTECT IN PLACE
-/ -	PROTECT IN PLACE
-/	PROTECT IN PLACE
-/	PROTECT IN PLACE
-/	PER CIVIL
-/	PER ARCHITECTURE
-/	PROTECT IN PLACE
-/	PROTECT IN
-/	PLACE BY
-/	OWNER PER
-/	CIVIL PER
-/	CIVIL PER
	CIVIL PER
_ _/	CIVIL PER
<u>-</u>	ELECT/TELECOMM/AV DWG PER CIVIL
_ <u></u>	DARK GRAY/CHARCOAL CO
_	
-/	IN PLACE
-/ -	PER ELECT/TELECOMM/AV DWG
-/ -	PROTECT IN PLACE
-/ -	PER CIVIL
-/ -	PER CIVIL
PER MANUF.	RELOCATE TO THIS LOCATION
	200

LIGHTING LEGEND

SYM.	DESCRIPTION	COMMENTS	-/ -	DET. REF. / REMARKS
	LIGHT BOLLARD	_		PER ELEC.
\boxtimes	PEDESTRIAN POLE LIGHTS	_		PER ELEC.
	"COBRA" PARKING LOT LIGHTS	_		PER ELEC.
×	ELECTRICAL OUTLET	-		PER ELEC.

TREE PROTECTION & PLANTING NOTES

- 1. CONTRACTOR SHALL REPLACE ALL PLANTS REMOVED AND/OR DAMAGED DURING CONSTRUCTION. REFER TO PLANTING LEGEND FOR PLANTINGS IN AREAS ADJACENT TO CONSTRUCTION.
- GRADING AND DRAINAGE. IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE LANDSCAPE ARCHITECTURAL PLANS, THE CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE AND LANDSCAPE ARCHITECT FOR DIRECTIONS AS TO HOW TO PROCEED.
- 3. FIELD VERIFY LOCATIONS OF ALL PERTINENT SITE IMPROVEMENTS INSTALLED AS PART OF OTHER PLANS, IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT
- 4. CONTRACTOR SHALL COMPLY WITH FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS PERTAINING TO THE INSPECTION FOR PLANT DISEASES AND INSECT INFESTATION.
- 5. CONTRACTOR SHALL VERIFY TAGS FOR ALL PLANT MATERIAL, NAME AND SIZE IN ACCORDANCE WITH
- 6. PLANTS ARE SUBJECT TO LANDSCAPE ARCHITECT'S INSPECTION FOR SIZE, VARIETY, CONDITION, DEFECTS, AND INJURY AT THE PLACE OF GROWTH AND THE PROJECT SITE AT ANY TIME BEFORE
- 7. REMOVE REJECTED PLANTS FROM THE SITE IMMEDIATELY AND REPLACE WITH ACCEPTABLE MATERIALS.
- 8. SUBSTITUTIONS WILL NOT BE PERMITTED WITHOUT THE LANDSCAPE ARCHITECT'S WRITTEN APPROVAL.
- QUANTITIES SHOWN ON PLANS TAKE PRECEDENCE OVER WRITTEN QUANTITIES IN 'PLANTING LEGEND'. QUANTITIES LISTED ON PLANT LEGEND ARE PER SHEET.
- 10. ALL SHRUBS AND PLANTINGS ARE TO BE ALIGNED AND EQUALLY SPACED IN ALL DIRECTIONS AS DESIGNATED PER THESE NOTES AND DRAWINGS.
- MULCH TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO PLACEMENT. REJECTED MATERIAL WILL

- 15. CONTRACTOR TO SECURE THE SERVICES OF A CERTIFIED LICENSED ARBORIST, APPROVED BY THE
- REMAIN SHALL BE DEEP-WATERED BI-WEEKLY OR AS DIRECTED BY THE LANDSCAPE ARCHITECT. IF NO WATER IS AVAILABLE, POTABLE WATER IS TO BE TRUCKED IN.
- 18. ROOTS DAMAGED DURING CONSTRUCTION MUST BE CLEANLY CUT WITH A SAW, NOT RIPPED WITH
- 19. TEMPORARY PROTECTION FENCE SHALL BE LOCATED AT THE DRIPLINE OF ALL EXISTING TREES TO REMAIN AND SHALL EXCLUDE VEHICLE AND FOOT TRAFFIC. FENCE TO BE CHAINLINK FENCING MATERIAL, AS APPROVED BY LANDSCAPE ARCHITECT. NO VEHICLE OR HEAVY EQUIPMENT SHALL BE ALLOWED WITHIN THE PROTECTIVE FENCING. NO VEHICLES, CONSTRUCTION EQUIPMENT, MOBILE OFFICES, OR MATERIALS SHALL BE PARKED OR LOCATED WITHIN THE DRIPLINES OF TREES THAT ARE TO BE PRESERVED. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING MAINTENANCE OF EXISTING TREES AND FOR INFORMATION REGARDING INSTALLATION AND MAINTENANCE OF TEMPORARY PROTECTIVE BARRIER.
- 20. PAVING SHOULD NOT BE PLACED IN THE DRIPLINES OF TREES TO BE PRESERVED, EXCEPT WHEN PROPER AERATION FACILITIES ARE PROVIDED.
- 21. UNDERGROUND UTILITY LINE AND PIPELINE TRENCHING SHALL NOT BE PLACED WITHIN THE DRIPLINES OF TREES TO BE PRESERVED. IF IT IS NECESSARY PRIOR WRITTEN APPROVAL FROM THE
- 22. RESTORE PRE-PROJECT SOIL CONDITIONS BY AERATING SOILS WHERE CONSTRUCTION-RELATED SOIL COMPACTION HAS OCCURRED.

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PAVEMENT REPAIR

PROJECT

West Hillsdale Blvd

San Mateo, CA

94402

LAYOUT AND

REVISIONS

MATERIALS PLAN

- 2. REFER TO CIVIL ENGINEER'S UTILITY AND GRADING PLANS FOR UTILITY LOCATIONS, AND FINAL
- THE LANDSCAPE ARCHITECT FOR DIRECTION AS TO HOW TO PROCEED.
- AMERICAN ASSOCIATION OF NURSERYMEN, AND WITH WELL DEVELOPED BRANCH AND ROOT SYSTEMS.
- AND DURING PROGRESS OF WORK.
- 9. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL PLANT COUNTS AND SQUARE FOOTAGES.
- 11. PROVIDE A 2" LAYER OF BARK MULCH AT ALL SHRUB PLANTING AREAS. SUBMIT SAMPLE OF BARK BE REMOVED FROM THE SITE AT THE EXPENSE OF THE CONTRACTOR.
- 12. CONTRACTOR SHALL REMOVE TAGS, LABELS, NURSERY STAKES AND TIES FROM ALL PLANTS.
- 13. REPLACEMENT PLANTS SHALL BE THE SAME KIND AND SIZE AS ORIGINALLY PLANTED.
- 14. LANDSCAPE MAINTENANCE PERIOD IS 90 DAYS.
- LANDSCAPE ARCHITECT, TO PROVIDE SUPERVISION, DIRECTION AND SPECIFICATION IN PRUNING, MAINTENANCE AND RELOCATION OF ALL EXISTING TREES DESIGNATED TO REMAIN. THIS INCLUDES FEEDING, ROOT-PRUNING AND IRRIGATION ISSUES.
- 16. EXISTING IRRIGATION SHALL NOT BE INTERRUPTED FOR MORE THAN 48 HOURS. EXISTING TREES TO
- 17. CONSTRUCTION DUST SHALL BE WASHED OFF WITH WATER AT WEEKLY INTERVALS.
- GRADING EQUIPMENT, UNDER THE DIRECTION OF A CERTIFIED ARBORIST.
- LANDSCAPE ARCHITECT IS REQUIRED. IRRIGATION LINES SHALL BE TRENCHED BY HAND.

SHEET NUMBER

JOB NO. **02921.61**

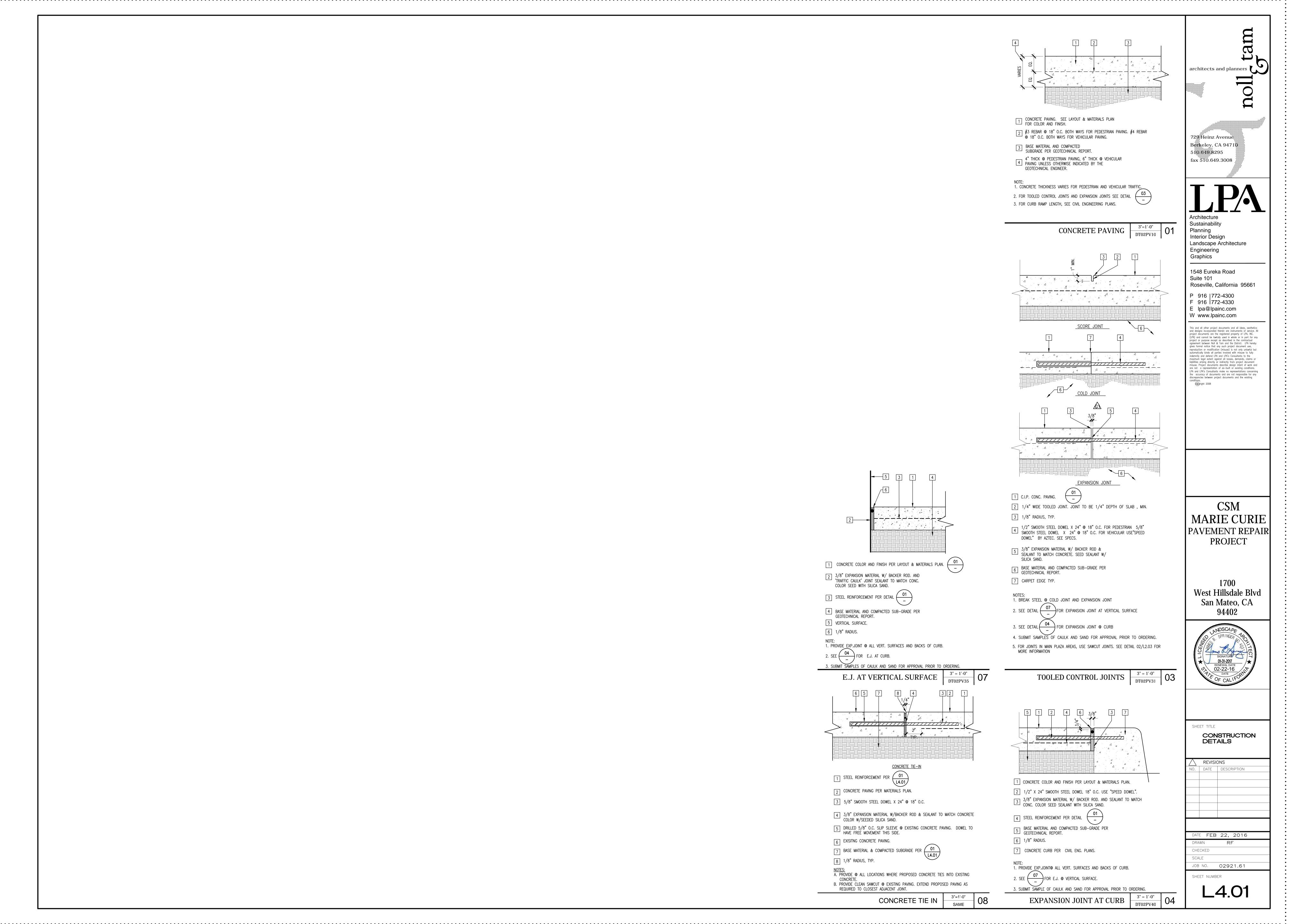
DATE FEB 22, 2016

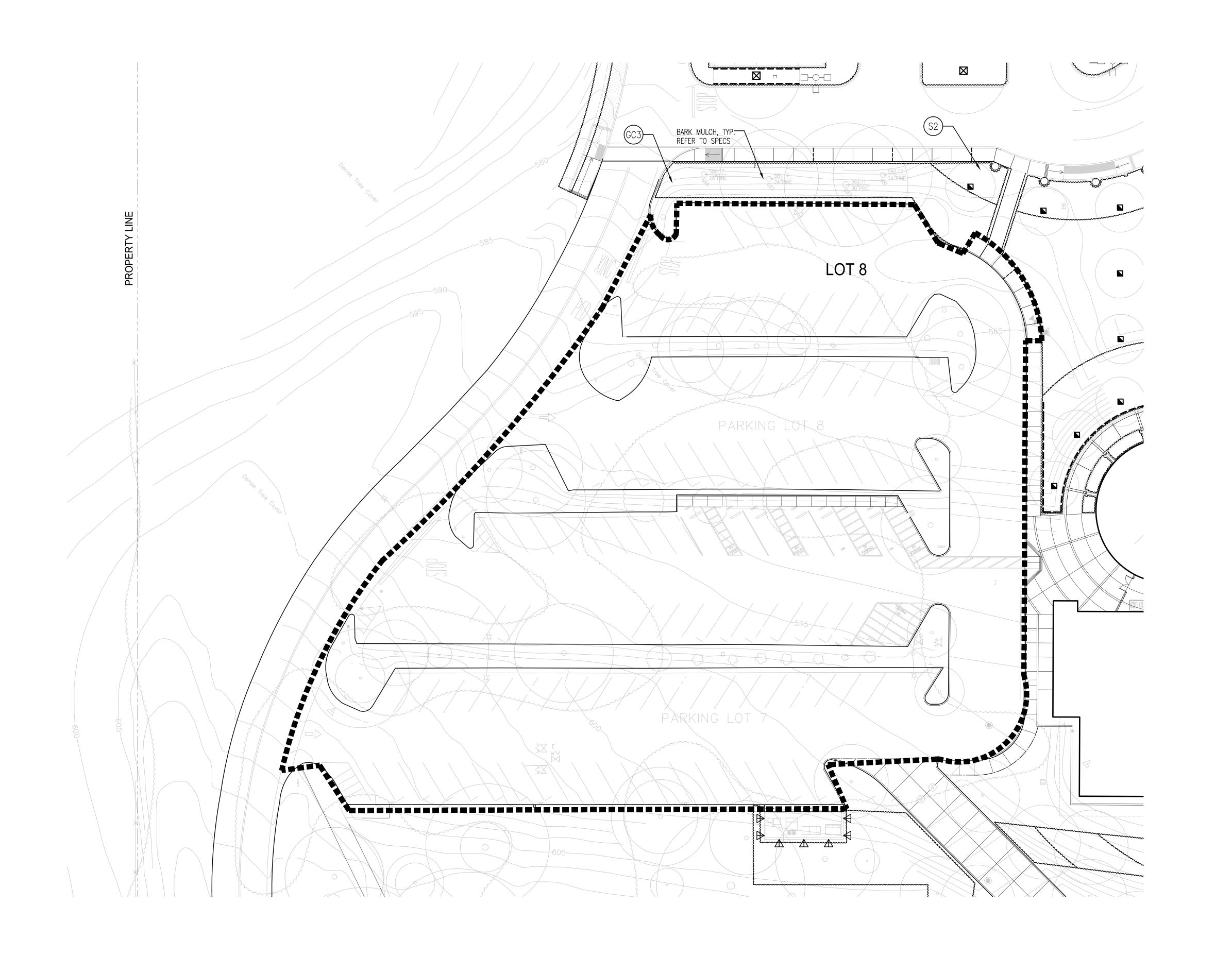
CHECKED

SCALE

RF

1" = 20'





PLANTING LEGEND (FOR REFERENCE ONLY)

ALL PLANTS NOTED IN THE APPROVED COLUMN (A) ARE FROM THE APPROVED PLANT LISTS IN THE DESIGN STANDARDS FOR CAMPUS EXTERIOR DESIGN (VERSION 1, 2007.09.03) OR APPROVED IN "PLANT" MEETING 12-09-08. (D) INDICATES PLANTS APPROVED BY CSM ON 09/08/10.

(*)— UNLESS NOTED ON PLAN (NCN.)- NO COMMON NAME TREE LIST

REF.	SYMBOL	QNTY.	BOTANICAL NAME COMMON NAME	SIZE/ SPACING	WATER USE	APPROVED	WIDTH/ HEIGHT
T1	Ш		ACER RUBRUM 'BOWHALL' BOWHALL MAPLE	24" BOX/ AS SHOWN	М	Α	
T2	Φ		CERCIS CANADENSIS EASTERN REDBUD	24" BOX/ AS SHOWN	М	Α	MULTI
Т3			LAGERSTROEMIA INDICA 'MUSKOGEE' CRAPE MYRTLE	24" BOX/ AS SHOWN	L	Α	STD.
T4	⊕		PINUS PINEA ITALIAN STONE PINE	24" BOX/ AS SHOWN	L	Α	
T5	•		PYRUS CALLERYANA 'ARISTOCRAT' ORNAMENTAL PEAR	24" BOX/ AS SHOWN	М	Α	
T6	•		QUERCUS AGRIFOLIA COAST LIVE OAK	72" BOX/ AS SHOWN	VL	Α	
T7			GINKGO BILOBA 'SARATOGA' 'AUTUMN GOLD' MAIDENHAIR TREE	24" BOX/ STND. AS SHOWN	М	Α	
T8	\boxtimes		ZELKOVA SERRATA SAWLEAF ZELKOVA	24" BOX/ AS SHOWN	М	А	
Т9			LIQUIDAMBAR STYRACIFLUA 'ROTUNDILOBA' SWEET GUM	24" BOX/ STND. AS SHOWN	М	Α	
T10	*		AESCULUS CARNEA RED HORSECHESTNUT	24" BOX/ AS SHOWN	М	Α	

SHRUB / VINE LIST

S1	ARCTOSTAPHYLOS 'HOWARD MCMINN' MANZANITA	5 GAL./ 4' O.C.	L	A	7'/ 3'-4'
S2	DIETES IRIDIOIDES FORTNIGHT LILY	5 GAL./ 3' O.C.	L	A	3'/ 3'
S3	ESCALLONIA 'JUBILEE' ESCALLONIA	5 GAL./ 3' O.C.	Н	A	6'/ 6'
S4	CEANOTHUS 'JOYCE COULTER' WILD LILAC	5 GAL./ 4'0.C.	L	D	4'/ 2-4'
S5	CHONDROPETALUM TECTORIUM CAPE RUSH	5 GAL./ 3' O.C.	Н	D	4'/ 3'
S6	SALVIA LEUCANTHA MEXICAN BUSH SAGE	1 GAL./ 30" O.C.	М	A	4'/ 3'
S7	LIGUSTRUM 'TEXANUM' TEXAS PRIVET	5 GAL./ 48" O.C.	М	A	5'/ 8'
S8	ESCALLONIA 'NEWPORT DWARF' NEWPORT DWARF ESCALLONIA	5 GAL./ 36" O.C.	М	A	4'/ 2.5'
S9	ARCTOSTAPHYLOS 'JOHN DOURLEY' MANZANITA	5 GAL./ 4'0.C.	L	A	6'/ 3'

GRO	OUND COVE	ER LIST				
GC1		LANTANA MONTEVIDENSIS 'WHITE LIGHTNIN' LANTANA	1 GAL/ 4' O.C.	L	Α	3'- 18
GC2		LANTANA MONTEVIDENSIS 'SPREADING SUNSET' LANTANA	1 GAL/ 4' O.C.	L	A	3'- 18
GC3		VINCA MINOR 'BOWLES VARIETY' DWARF PERIWINKLE BLUE FLOWERED VINCA	1 GAL/ 12" O.C.	М	D	12 8"

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INSTALLATION AND MAINTENANCE OF TEMPORARY PROTECTIVE BARRIER.

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FURTHER INFORMATION REGARDING MAINTENANCE OF EXISTING TREES AND FOR INFORMATION REGARDING

- 21. UNDERGROUND UTILITY LINE AND PIPELINE TRENCHING SHALL NOT BE PLACED WITHIN THE DRIPLINES OF TREES TO BE PRESERVED. IF IT IS NECESSARY PRIOR WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT IS REQUIRED. IRRIGATION LINES SHALL BE TRENCHED BY HAND.
- 22. RESTORE PRE-PROJECT SOIL CONDITIONS BY AERATING SOILS WHERE CONSTRUCTION-RELATED SOIL COMPACTION



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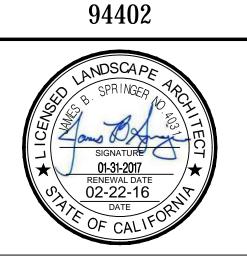
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CSM PAVEMENT REPAIR **PROJECT**

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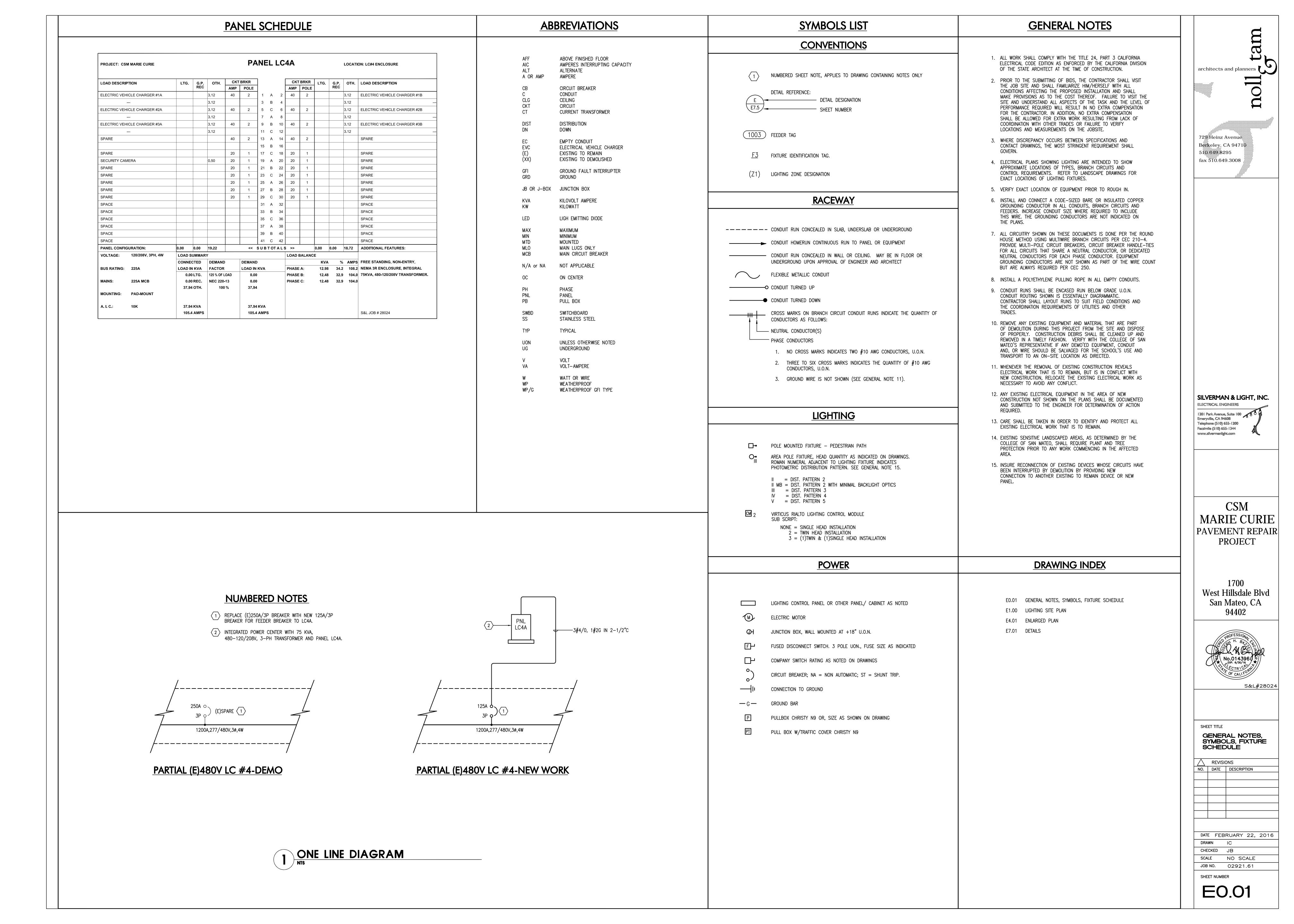
PLANTING PLAN

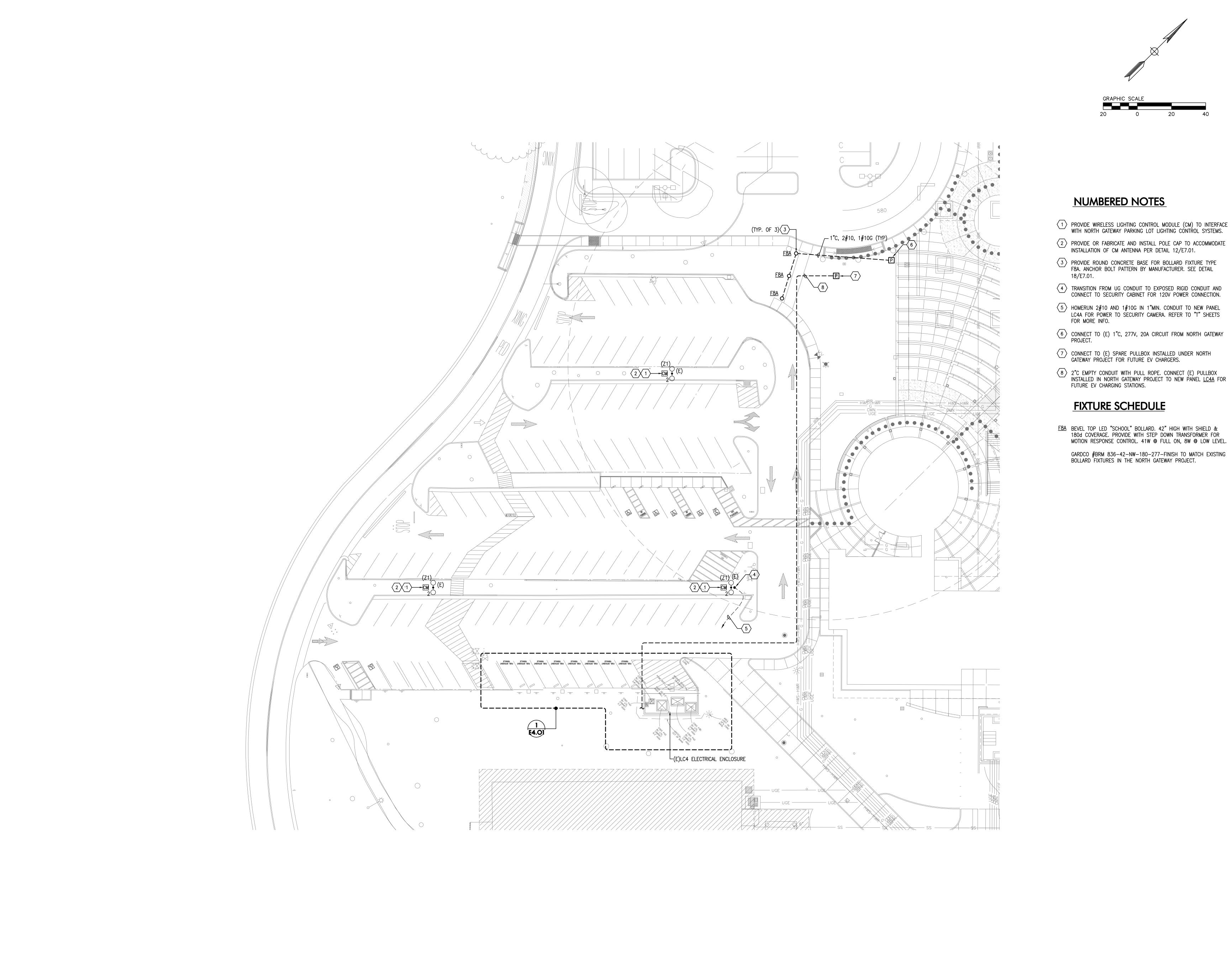
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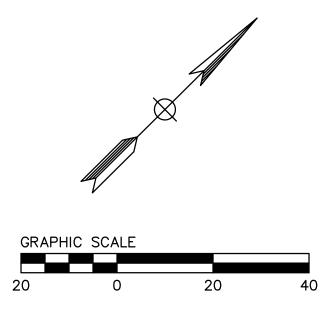
DATE FEB 22, 2016 CHECKED 1" = 20'

02921.61 JOB NO. SHEET NUMBER

L6.01







- PROVIDE OR FABRICATE AND INSTALL POLE CAP TO ACCOMMODATE INSTALLATION OF CM ANTENNA PER DETAIL 12/E7.01.
- PROVIDE ROUND CONCRETE BASE FOR BOLLARD FIXTURE TYPE F8A. ANCHOR BOLT PATTERN BY MANUFACTURER. SEE DETAIL
- 5 HOMERUN 2#10 AND 1#10G IN 1"MIN. CONDUIT TO NEW PANEL LC4A FOR POWER TO SECURITY CAMERA. REFER TO "T" SHEETS FOR MORE INFO.
- 6 CONNECT TO (E) 1"C, 277V, 20A CIRCUIT FROM NORTH GATEWAY PROJECT.
- 8 2"C EMPTY CONDUIT WITH PULL ROPE. CONNECT (E) PULLBOX INSTALLED IN NORTH GATEWAY PROJECT TO NEW PANEL <u>LC4A</u> FOR FUTURE EV CHARGING STATIONS.

F8A BEVEL TOP LED "SCHOOL" BOLLARD. 42" HIGH WITH SHIELD & 180d COVERAGE. PROVIDE WITH STEP DOWN TRANSFORMER FOR MOTION RESPONSE CONTROL. 41W @ FULL ON, 8W @ LOW LEVEL. GARDCO #BRM 836-42-NW-180-277-FINISH TO MATCH EXISTING BOLLARD FIXTURES IN THE NORTH GATEWAY PROJECT.

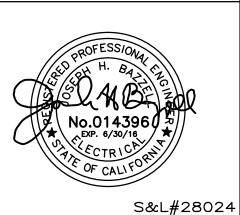


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SILVERMAN & LIGHT, INC. ELECTRICAL ENGINEERS 1201 Park Avenue, Suite 100 Emeryville, CA 94608 Telephone (510) 655-1200 Facsimile (510) 655-1344 www.silvermanlight.com

CSM MARIE CURIE PAVEMENT REPAIR **PROJECT**

West Hillsdale Blvd San Mateo, CA 94402



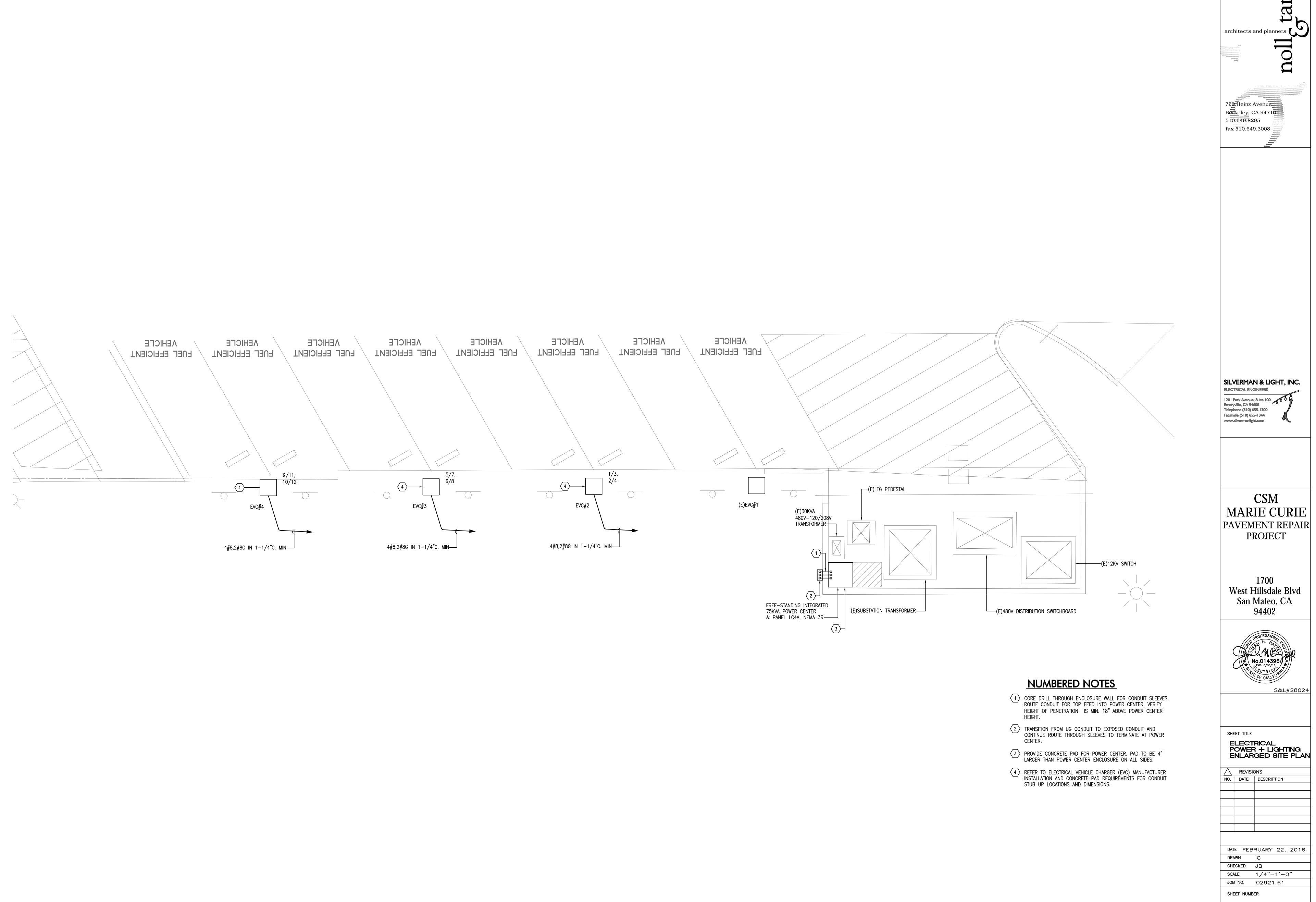
SHEET TITLE ELECTRICAL POWER + LIGHTING SITE PLAN

DATE FEBRUARY 22, 2016

CHECKED JB SCALE 1"=20'-0" JOB NO. 02921.61

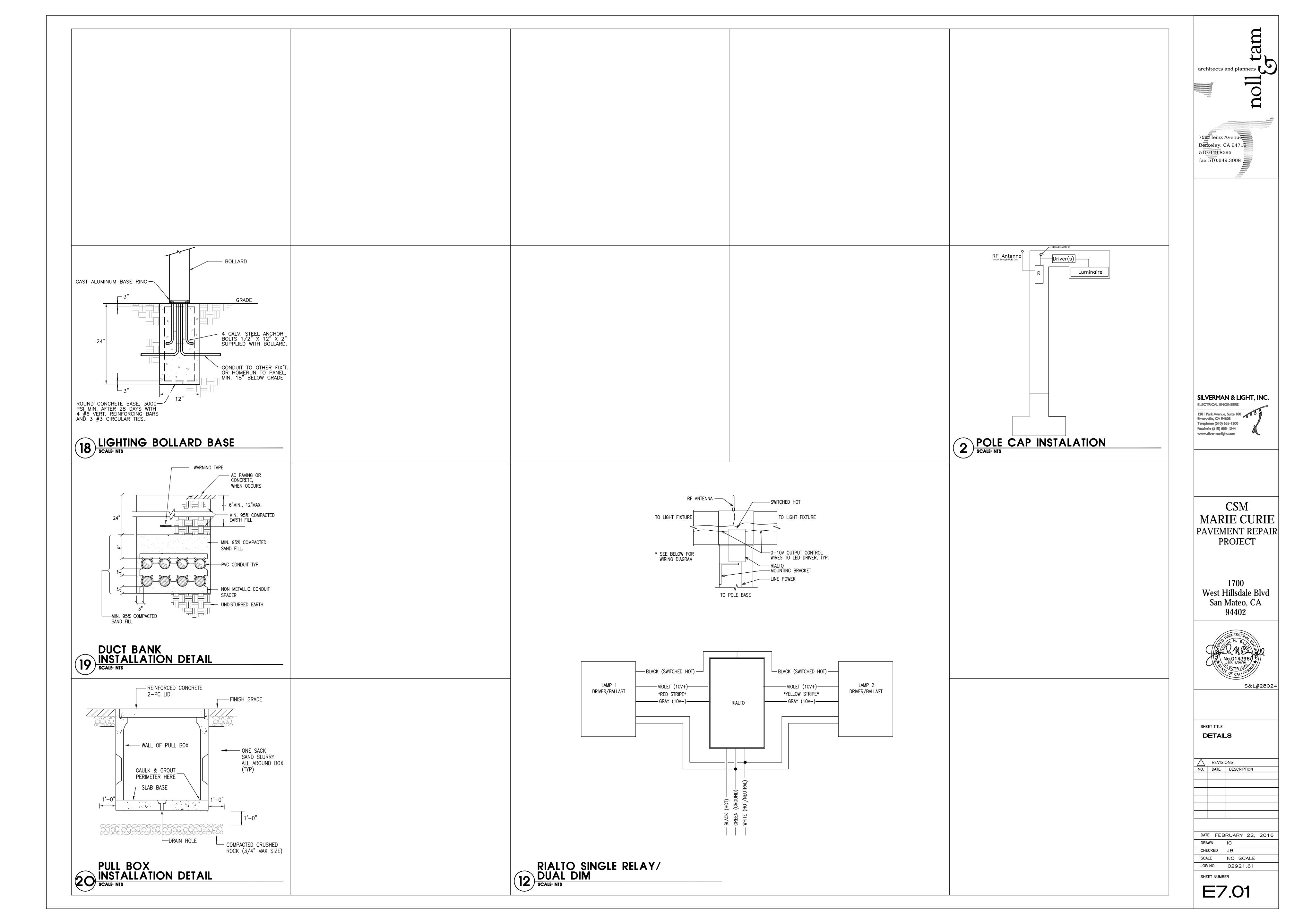
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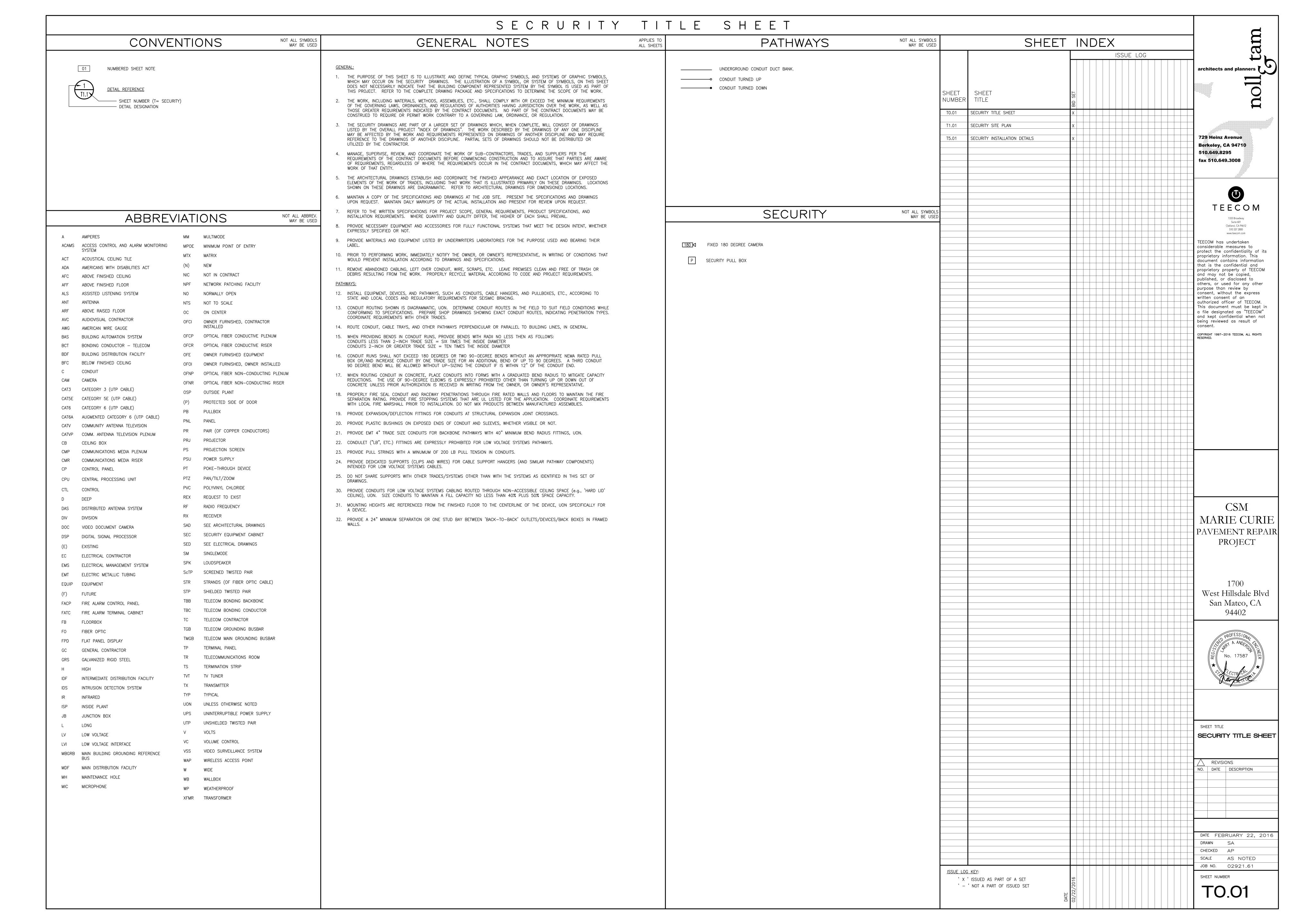
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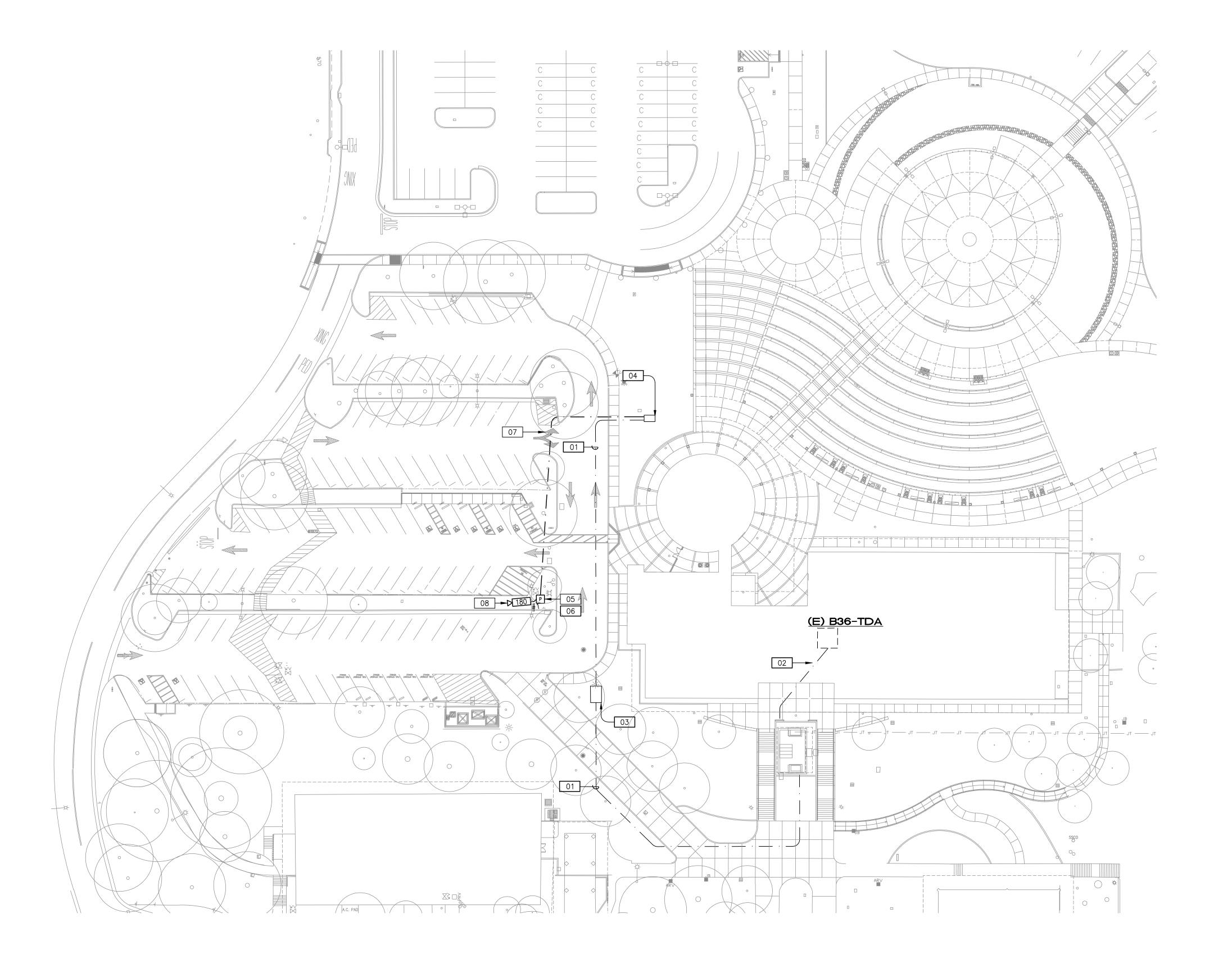


architects and planners

E4.01







GENERAL SHEET NOTES

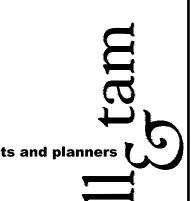
- PATHWAY ROUTES AND BOX LOCATIONS ARE DIAGRAMMATIC. COORDINATE EXACT PATHWAY ROUTES IN THE FIELD.
- 2. PATHWAYS SHOWN ARE DEDICATED FOR SECURITY AND TELECOMMUNICATION CABLING ONLY,
- 3. SERVE SITE SECURITY DEVICES ON THIS SHEET FROM SECOND FLOOR IT ROOM IN BUILDING
- 4. LABEL CONDUITS AT BOTH ENDS. LABEL MUST INDICATE CONDUIT'S DEDICATED USE FOR

TELECOMMUNICATIONS/SECURITY CABLING AND LOCATION OF THE CONDUIT'S FAR END.

- 5. PROVIDE PULL ROPE IN ALL CONDUITS.
- 6. COORDINATE ROUTING OF ALL NEW CABLING IN EXISTING SITE PATHWAY, VAULTS, AND BUILDING WITH OWNER'S TEAM PRIOR TO PULLING CABLING.
- 7. COORDINATE INSTALLATION LOCATION OF ALL EQUIPMENT IN EXISTING BUILDING 36 B35-TDA.

NUMBERED SHEET NOTES

- 01 (E) SIX 4-INCH TELECOMMUNICATIONS SITE CONDUITS.
- 02 (E) TELECOMMUNICATIONS SITE CONDUITS STUB UP INTO B36-TDA.
- 03 (E) TELECOMMUNICATIONS VAULT.
- 04 (E) TELECOMMUNICATIONS VAULT.
- PROVIDE (N) 1.5-INCH CONDUIT(S) FROM SECURITY PULL BOX LOCATED NEAR BASE OF LIGHT POLE INTO POLE FOR SECURITY CABLE ROUTING FOR EACH CAMERA. COORDINATE PATHWAYS AND MOUNTING WITH ELECTRICAL CONTRACTOR.
- 06 PROVIDE SITE SECURITY PULL BOXES. COORDINATE EXACT LOCATION CIVIC WORK.
- PROVIDE (N) 2-INCH UNDERGROUND CONDUIT FOR SECURITY CABLING BETWEEN SECURITY SITE PULL BOXES. COORDINATE CONDUIT ROUTING WITH OTHER SITE WORK TO UTILIZE JOINT TRENCHING WHERE POSSIBLE.
- 08 SECURITY CAMERA MOUNTED TO LIGHTING POLE. COORDINATE PATHWAYS AND MOUNTING WITH ELECTRICAL CONTRACTOR.









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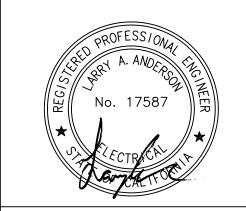
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SECURITY SITE SHEET

REVISIONS

NO. DATE DESCRIPTION

DATE FEBRUARY 22, 2016

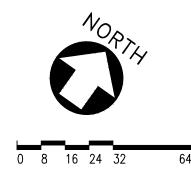
DRAWN SA

CHECKED AP

SCALE 1/32" = 1'

JOB NO. 02921.61
SHEET NUMBER

T1.01

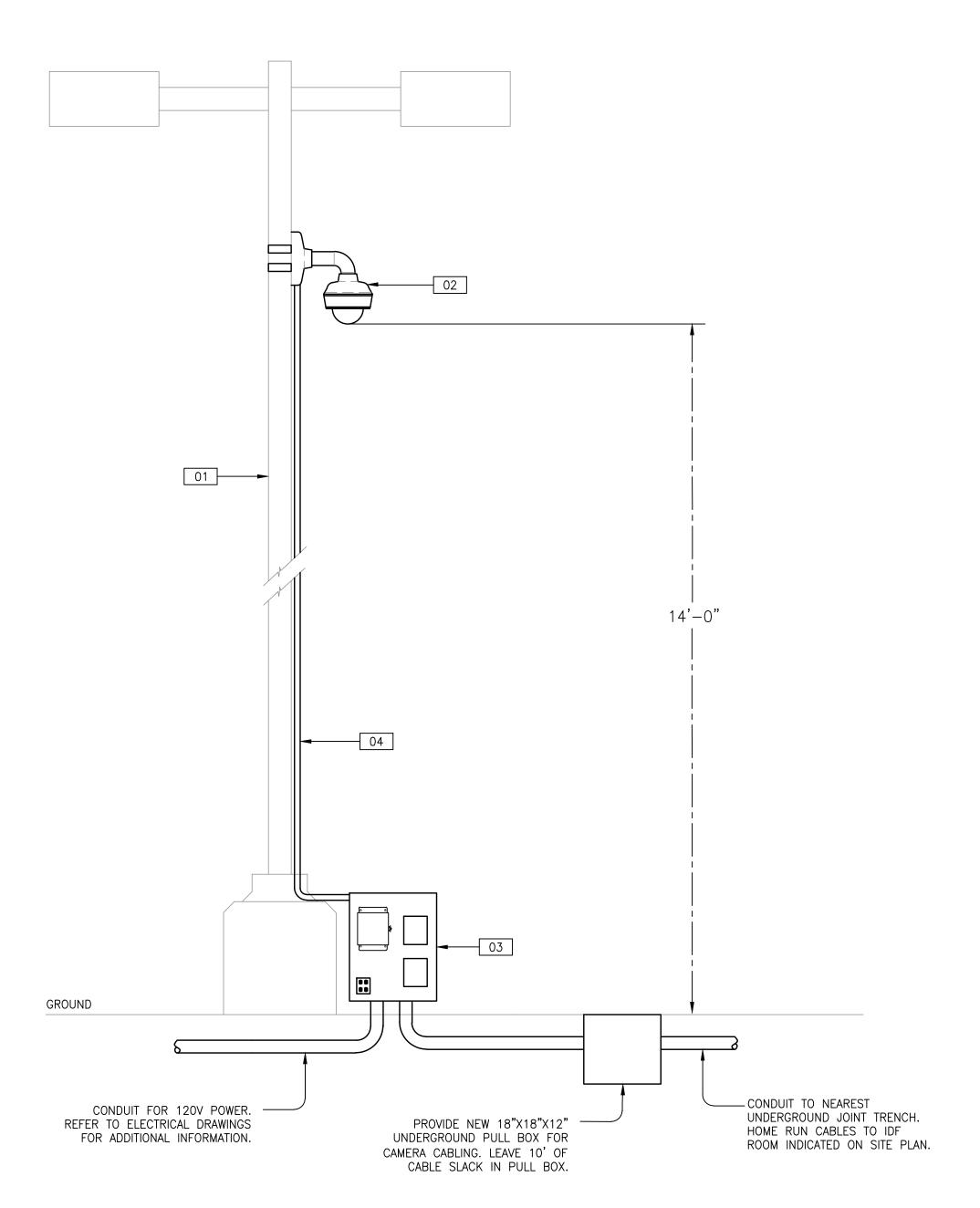


SHEET NOTES

- 1. CONDUIT SHOWN ARE 1-1/2" UON.
- 2. REFERENCE PROJECT PLANS FOR JOINT TRENCH INFORMATION FOR COORDINATION.
- 3. REFERENCE ELECTRICAL DRAWINGS FOR EXACT LIGHT POLE LOCATIONS.
- 4. PROVIDE REQUIRED SHIELDING OF ALL SECURITY CABLING IN LIGHT POLES FROM HIGH VOLTAGE POWER.

NUMBERED NOTES

- 01 MOUNT SECURITY CAMERA TO EXISTING LIGHT POLE. REFERENCE ELECTRICAL DRAWINGS FOR EXACT LOCATIONS.
- O2 PROVIDE CAMERA MOUNTING ARM AND POLE MOUNTING BRACKET, ANCHOR TO MANUFACTURER'S SPECIFICATIONS.
- 03 16"X20"X8" SECURITY EQUIPMENT ENCLOSURE MOUNTED ON POLE TO CONCRETE BASE. COORDINATE EXACT LOCATION WITH TEAM PRIOR TO FINAL INSTALLATION. SECURITY EQUIPMENT ENCLOSURE HOUSES FIBER ENCODER, SECURITY POWER SUPPLY, , IP LIGHTENING PROTECTORS, POWER OUTLET, AND IP CABLING.
- $oxed{04}$ PROVIDE 1-1/2" CONDUIT FROM CAMERA EQUIPMENT ENCLOSURE TO LIGHT POLE AND UP TO SECURITY CAMERA. CONDUIT SURFACE MOUNTED TO EXTERIOR OF POLE. COORDINATE INSTALLATION WITH LIGHT POLE.



180 FIXED SECURITY CAMERA POLE MOUNT SCALE: NTS



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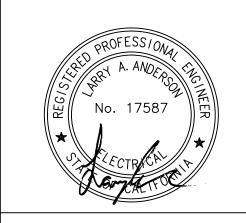
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SECURITY DETAILS

REVISIONS

NO. DATE DESCRIPTION

CHECKED AP SCALE AS NOTED JOB NO. 02921.61

SHEET NUMBER

T5.01