

GRADING NOTES

1. ALL GRADING SHALL CONFORM TO SANTA BARBARA COUNTY CODE CHAPTER 14 AND STANDARDS AND REQUIREMENTS PERTAINING THEREIN. THESE CONSTRUCTION DRAWINGS AND THE RECOMMENDATIONS OF THE SOILS ENGINEER AND ENGINEERING GEOLOGIST.
2. CONTRACTOR TO NOTIFY THE COUNTY GRADING INSPECTOR AND SOILS LABORATORY AT LEAST 48 HOURS BEFORE START OF GRADING WORK OR ANY PRE-CONSTRUCTION MEETING.
3. CONTRACTOR SHALL EMPLOY ALL LABOR, EQUIPMENT AND METHODS REQUIRED TO PREVENT HIS OPERATIONS FROM PRODUCING DUST IN AMOUNTS DAMAGING TO ADJACENT PROPERTY, CULTIVATED VEGETATION AND DOMESTIC ANIMALS OR CAUSING A NUISANCE TO PERSONS OCCUPYING BUILDINGS IN THE VICINITY OF THE JOB SITE. CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE CAUSED BY DUST FROM HIS GRADING OPERATION.
4. BEFORE BEGINNING WORK REQUIRING EXPORTING OR IMPORTING OF MATERIALS, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE COUNTY GRADING INSPECTOR AND SOILS LABORATORY. THE CONTRACTOR SHALL MAINTAIN A DEPOSIT OF SOILS ON COUNTY ROADS. GRADING INSPECTORS SHALL MONITOR THIS REQUIREMENT WITH THE CONTRACTOR.
5. THE GEOTECHNICAL ENGINEER SHALL PROVIDE OBSERVATION AND TESTING DURING GRADING OPERATIONS IN THE FIELD AND SHALL SUBMIT A FINAL REPORT STATING THAT ALL EARTH WORK WAS PROPERLY COMPLETED AND IS IN SUBSTANTIAL CONFORMANCE WITH THE REQUIREMENTS OF THE GRADING ORDINANCE.
6. AREAS TO BE GRADED SHALL BE CLEARED OF ALL VEGETATION INCLUDING ROOTS AND OTHER UNSUITABLE MATERIAL FOR A STRUCTURAL FILL, THEN SCARIFIED TO A DEPTH OF 6" PRIOR TO PLACING OF ANY FILL. CALL GRADING INSPECTOR FOR INITIAL INSPECTION.
7. A THOROUGH SEARCH SHALL BE MADE FOR ALL ABANDONED MAN-MADE FACILITIES SUCH AS SEPTIC TANK SYSTEMS, BIEL OR WATER STORAGE TANKS, AND TRAPLINES OR CONDUIES. ANY SUCH FACILITIES ENCOUNTERED SHALL BE REMOVED AND THE RESPONSIBILITY FOR FILLING AND COMPACTING UNDER OBSERVATION OF THE GEOTECHNICAL ENGINEER.
8. ALL FILL SHALL BE PLACED AND COMPACTED IN LIFTS AS SPECIFIED IN THE GRADING NOTES. FILL MATERIALS SHALL BE NEAR OPTIMUM MOISTURE DENSITY AND COMPACTED BY AN APPROVED METHOD. FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY AS DETERMINED BY 1957 ASTM D-1557 - 91 MODIFIED PROCTOR (MASHO) TEST OR SIMILAR APPROVED METHODS. SOME FILL AREAS MAY REQUIRE COMPACTION TO A GREATER DENSITY IF CALLED FOR IN THE CONSTRUCTION DOCUMENTS. SOIL TESTS SHALL BE CONDUCTED AT NOT LESS THAN ONE TEST FOR EACH 18' OF FILL AND/OR FOR EACH 300 CUBIC YARDS OF FILL PLACED.
9. CUT SLOPES SHALL NOT EXCEED A GRADE OF 1:4 HORIZONTAL TO 1 VERTICAL. FILL AND COMBINATION FILL AND CUT SLOPES SHALL NOT EXCEED 2 HORIZONTAL TO 1 VERTICAL.
10. SLIDING OCCURS DURING HIGH THROUGH FLOWS. NO GRADING SHALL OCCUR UNLESS APPROVED REGION AND SEDIMENT CONTROL MEASURES ARE IN PLACE. DISCHARGES OF SEDIMENT FROM THE PROJECT SITE MAY RESULT IN A STOP WORK ORDER.
11. YOUR ATTENTION IS DIRECTED TO THE PRESENCE OF EXISTING UTILITIES, BOTH ABOVE AND BELOW GROUND. IT IS THE CONTRACTOR'S OBLIGATION TO CONTACT ANY AND ALL UTILITY COMPANIES AND HAVE ALL UTILITIES LOCATED PRIOR TO COMMENCEMENT OF WORK. ANY CONFLICTS WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

DIRT QUANTITIES

EXCAVATION: 285 CY - IMPORT: 0 CY - EXPORT: 0 CY - FILL: 225 CY

ABBREVIATIONS

- A.B. AGGREGATE BASE
- A.C. ASPHALTIC CONCRETE
- B.W. BACKFILL
- B.W. BACK OF WALK ELEVATION
- CL.R. CLEARANCE
- C.L. CHAIN LINK
- C.C. CONCRETE CURB
- CONC. CONCRETE
- C.Y. CUBIC YARD
- C.X. CONCRETE
- DIA. DIAMETER
- DIA. DIAMETER
- ELEV. ELEVATION
- FF. FINISH FLOOR ELEVATION
- FG. FINISH GRADE ELEVATION
- FL. FLOWLINE
- INV. INVERT ELEVATION
- LN. LENGTH
- L.F. LEFT
- L.R. RIGHT
- MAX. MAXIMUM
- MIN. MINIMUM
- M/C. MINOR CURB
- P/L. PROPERTY LINE
- PVC. POLYVINYL CHLORIDE
- PP. POWER POLE
- RET. RETURN
- ROW. RIGHT OF WAY
- R/H. RIGHT HAND
- R/M. RIGHT MANHOLE
- STA. STATION
- STD. STANDARD
- TOP OF CURB ELEVATION
- TOP OF FINISH GRADE ELEVATION
- TOP OF PAVEMENT ELEVATION
- TP. TYPICAL
- TW. TOP OF WALK ELEVATION
- UT. UNDERGROUND
- W.L. WATER LINE

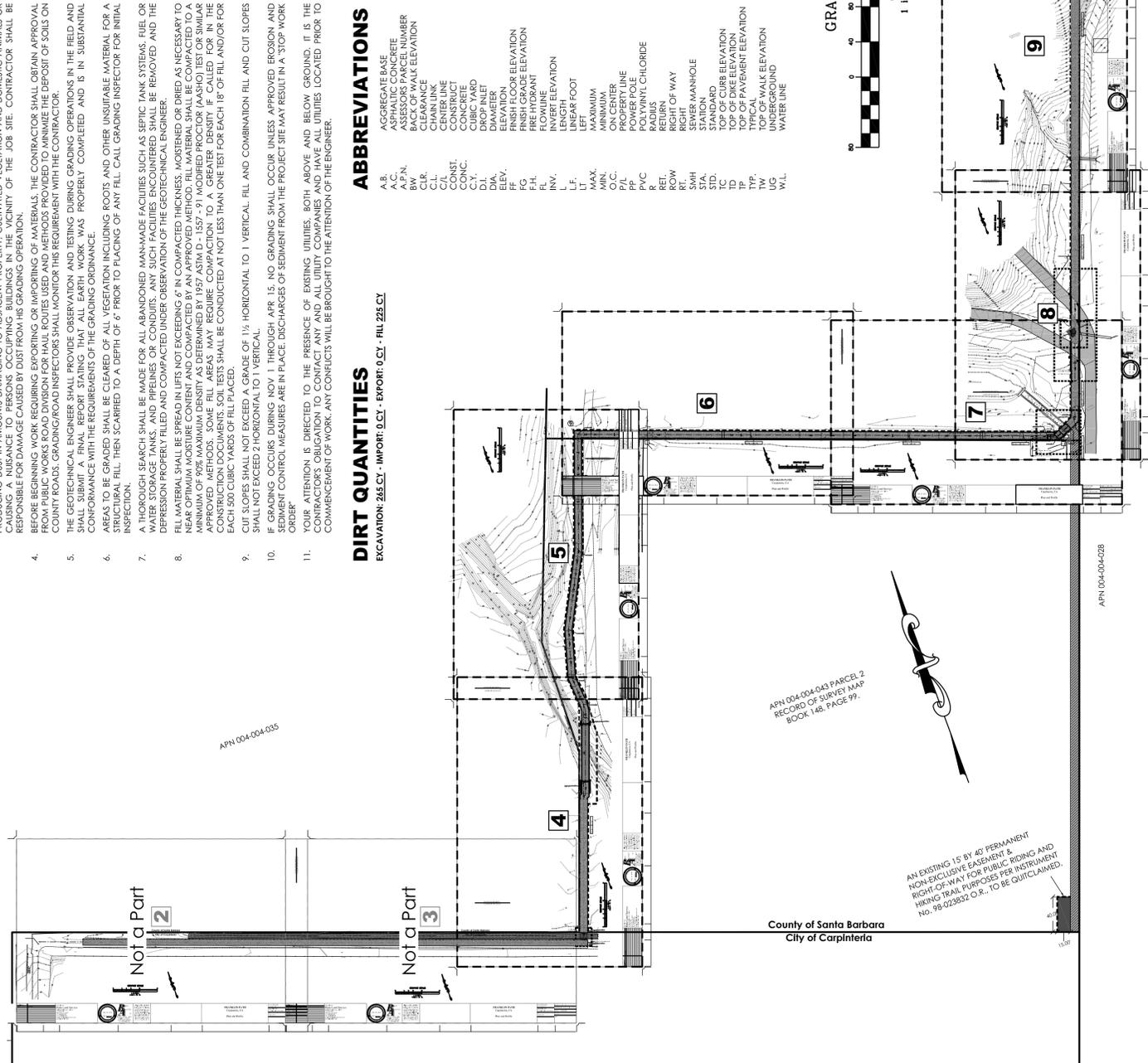
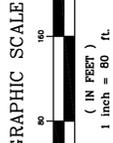
EROSION CONTROL

1. GRADED AREAS ADJACENT TO HILLSLOPES LOCATED AT THE SITE PERIMETER MUST DRAIN AWAY FROM TOP OF SLOPE AT END OF STABILIZED OR REMOVED FROM THE SITE ON A DAILY BASIS.
2. STORM WATER POLLUTION AND EROSION CONTROL DEVICES ARE TO BE MODIFIED, AS NEEDED, AS THE PROJECT PROGRESSES. THE DESIGN AND PLACEMENT OF THESE DEVICES IS THE RESPONSIBILITY OF THE FIELD ENGINEER. PLANS REPRESENTING CHANGES MUST BE SUBMITTED FOR APPROVAL IF REQUIRED BY THE BUILDING OFFICIAL.
3. EVERY EFFORT SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORM WATER FROM THE PROJECT SITE AT ALL TIMES. ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEET FLOW, SWALES, AREA DRAINS, NATURAL DRAINAGE COURSES, OR WIND.
5. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.
6. FUELS, OILS, SOLVENTS, AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTING AND ARE NOT TO CONTAMINATE THE SOILS AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO DRAINAGE CHANNELS.
7. EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RECLAIM CONCRETE WASTES ON-SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
8. TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.
9. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEP UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
10. ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
11. EQUIPMENT AND WORKERS FOR EMERGENCY WORK SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON. NECESSARY MATERIALS SHALL BE AVAILABLE ON-SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES WHEN RAIN IS IMMINENT.
12. STOCKPILED MATERIALS SHALL BE PLACED TO BE ACCESSIBLE BY VEHICLE DURING PERIODS OF PRECIPITATION AND PROTECTED FROM PRECIPITATION AND RUNOFF AT THE END OF EACH WORKING DAY.
13. THE PERMIT AND CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS AND VIOLATION OF LOCAL ORDINANCES. PERMIT DOES NOT ELIMINATE THE NEED FOR PERMITS FROM OTHER AGENCIES WITH REGULATORY RESPONSIBILITIES FOR CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE WORK AUTHORIZED ON THIS PLAN.
15. EROSION CONTROL MEASURES AND PLANNING SHALL BE INSTALLED AND MAINTAINED AS SOON AS PRACTICAL. IN AREAS NOT SUBJECT TO FREQUENT TRAFFIC.

STANDARD DUST CONTROL REQUIREMENTS

- DUST GENERATED BY THE DEVELOPMENT ACTIVITIES SHALL BE RETAINED ON-SITE AND KEPT TO A MINIMUM BY FOLLOWING THE DUST CONTROL MEASURES LISTED BELOW. RECLAIMED WATER SHALL BE USED WHENEVER POSSIBLE.
 - A. DURING CLEARING, GRADING, EARTH MOVING, OR EXCAVATION, WATER TRUCKS OR SPRINKLER SYSTEMS ARE TO BE USED IN SUFFICIENT QUANTITIES AFTER EACH DAY'S ACTIVITIES CEASE TO PREVENT DUST FROM LEAVING THE SITE AND TO CREATE A CRUST.
 - B. AFTER CLEARING, GRADING, EARTH MOVING, OR EXCAVATION IS COMPLETED, THE DISTURBED AREA MUST BE TREATED BY WATERING OR REVEGETATING, OR BY SPREADING SOIL BINDERS UNTIL THE AREA IS PAVED OR OTHERWISE DEVELOPED SO THAT DUST GENERATION WILL NOT OCCUR.
 - C. DURING CONSTRUCTION, WATER TRUCKS OR SPRINKLER SYSTEMS ARE TO BE USED TO KEEP ALL AREAS OF VEHICLE MOVEMENT DAMP ENOUGH TO PREVENT DUST FROM LEAVING THE SITE. AT A MINIMUM THIS WILL INCLUDE WETTING DOWN SUCH AREAS IN THE LATE MORNING AND AFTER WORK IS COMPLETED FOR THE DAY. INCREASED WATERING FREQUENCY WILL BE REQUIRED WHENEVER THE WIND SPEED EXCEEDS 15 MPH.
- IMPORTATION, EXPORTATION AND STOCKPILING OF FILL MATERIAL:
 - SOIL STOCKPILED FOR MORE THAN TWO DAYS SHALL BE COVERED, KEPT MOIST, OR TREATED WITH SOIL BINDERS TO PREVENT DUST GENERATION.
 - TRUCKS TRANSPORTING FILL MATERIAL TO AND FROM THE SITE SHALL BE TARPED FROM THE POINT OF ORIGIN.
 - IF THE CONSTRUCTION SITE IS GREATER THAN FIVE ACRES, GRAVEL PADS MUST BE INSTALLED AT ALL ACCESS POINTS TO MINIMIZE TRACKING OF MUD ON TO PUBLIC ROADS.
- ACTIVATION OF INCREASED DUST CONTROL MEASURES:

THE CONTRACTOR OR BUILDER SHALL DESIGNATE A PERSON OR PERSONS TO MONITOR THE DUST CONTROL PROGRAM AND TO ORDER INCREASED WATERING, AS NECESSARY, TO PREVENT TRANSPORT OF DUST OFFSITE. THEIR DUTIES SHALL INCLUDE HOLIDAY AND WEEKEND PERIODS WHEN WORK MAY NOT BE IN PROGRESS. THE NAME AND TELEPHONE NUMBER OF SUCH PERSONS SHALL BE PROVIDED TO THE AIR POLLUTION CONTROL DISTRICT PRIOR TO LAND USE CLEARANCE GRADING OPERATIONS.



APN 004-004-025
 RECORD OF SURVEY MAP
 BOOK 148, PAGE 99.

County of Santa Barbara
 City of Carpinteria

AN EXISTING 15' BY 40' PERMANENT NON-EXCLUSIVE EASEMENT & RIGHT-OF-WAY FOR PUBLIC RIDING AND HIKING TRAIL PURPOSES PER INSTRUMENT NO. 98-022852 O.R. TO BE OBTAINED.

PROJECT CONSULTANTS

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 EDWARD BUD GIRARD

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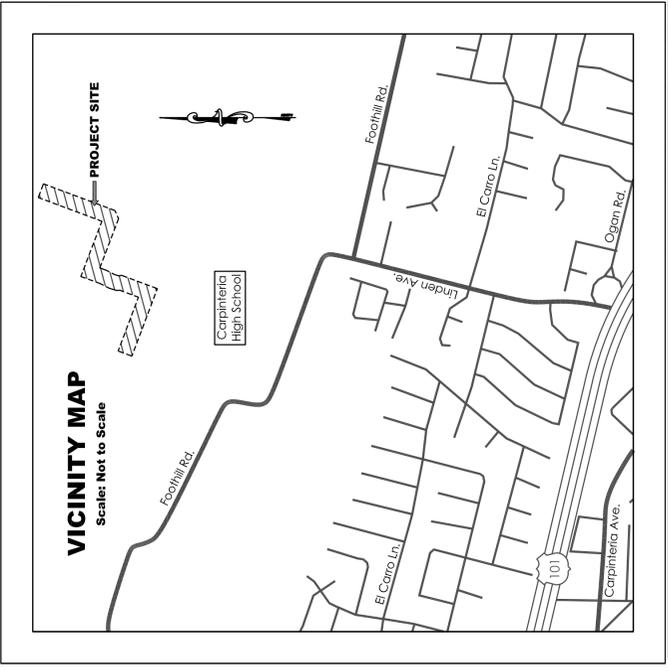
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SCOPE OF WORK

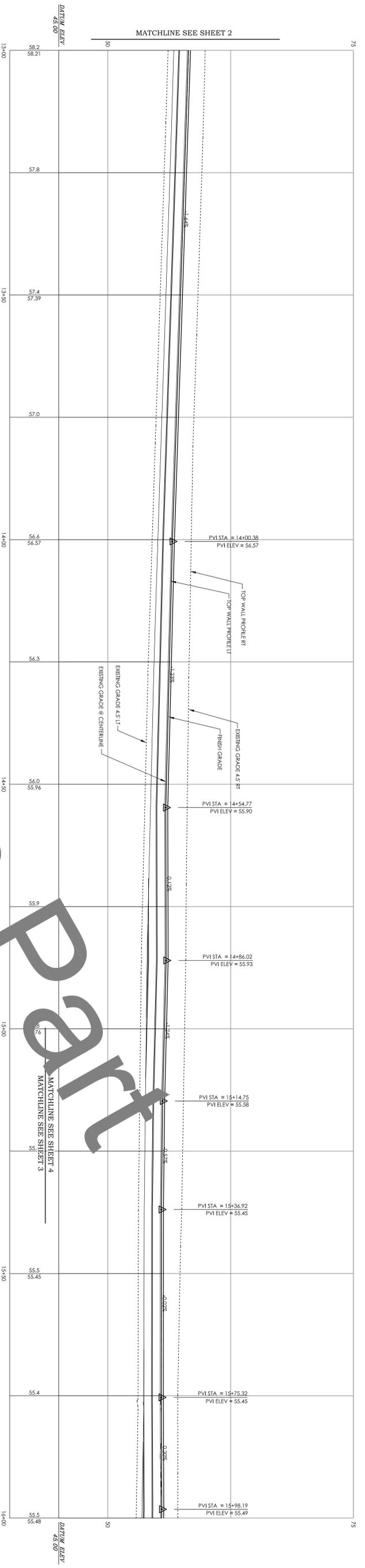
CONSTRUCTION FOR THE PROJECT WILL BE DONE WITHIN AN EXISTING 10' WIDE EQUESTRIAN & HIKING TRAIL EASEMENT PER INSTRUMENT NO. 198504403. ADDITIONAL WORK WILL BE DONE WITHIN A PROPOSED 10' WIDE EQUESTRIAN & HIKING TRAIL EASEMENT. CONSTRUCTION WILL INCLUDE THE GRADING OF THE EXISTING TRAIL AS WELL AS ROUGH GRADING FOR THE PROPOSED EQUESTRIAN & HIKING TRAIL. TRAIL SLOPES WITHIN BOTH EASEMENTS WILL BE GRADED TO >15% AND WOOD BRIDGES WILL BE CONSTRUCTED TO SPAN EXISTING DRAINAGE STRUCTURES/CHANNELS. CUTFILL SLOPES WILL BE CUT SHEAR AND NOT EXCEED 6' IN HEIGHT. WOOD RETAINING WALLS WILL BE CONSTRUCTED TO STABILIZE SLOPES. A 6' TALL CHAIN LINK FENCE WILL BE CONSTRUCTED WITHIN BOTH EASEMENTS, ON EITHER SIDE, SPANNING THE LENGTH OF THE PROJECT.

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1	COVER SHEET & SITE PLAN	
2	ENLARGED PLAN & PROFILE	Not a Part
3	ENLARGED PLAN & PROFILE	Not a Part
4	ENLARGED PLAN & PROFILE	
5	ENLARGED PLAN & PROFILE	
6	ENLARGED PLAN & PROFILE	
7	ENLARGED PLAN & PROFILE	
8	ENLARGED PLAN & PROFILE	
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11	CROSS SECTIONS	
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13	BRIDGE PLAN	
14	Basin CROSSING / RETAINING WALL DETAILS	
15	ELECTRIC GATE PLAN	
16	BRIDGE PLAN	

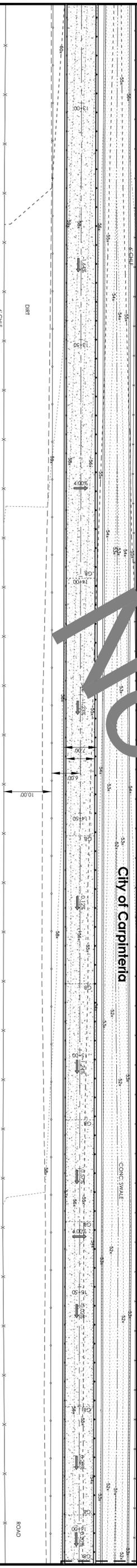


REVISIONS DATE	REMARKS	DATE PREPARED June 20, 2012	SHEET 1 OF 16
		DRAWING NO. 2012036, 10 Scale and Related.dwg	PROJECT # P2012036, 10 Scale and Related
		BY JBB & BCG	DATUM
			REF.
		FRANKLIN PATH Carpinteria, CA	
		Plan and Profile	
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		DRAFTING BY Blake Land Surveys 250 INDUSTRIAL WAY, SUITE C P.O. BOX 869 BUELLTON, CA 93427 TEL: 805-688-2054 FAX: 805-688-1976 EMAIL: us@blakelandsurveys.com ESTABLISHED IN 1980	



PATHWAY PROFILE
 VERT. SCALE: 1" = 10'
 HORIZ. SCALE: 1" = 10'

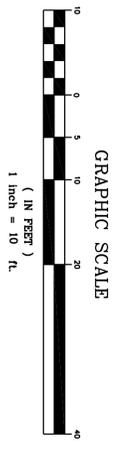
City of Carpinteria
 County of Santa Barbara



PATHWAY PLANVIEW
 SCALE: 1" = 10'

- NOTES**
1. CHAIN LINK FENCE INSTALLATION BY OTHERS.
 2. REFER TO SOILS REPORT FOR CUT / FILL INFORMATION.
 3. REFER TO SOILS REPORT FOR SOIL COMPACTION PERCENTAGES.
 4. ALL STRUCTURES / DEBRIS WITHIN EASEMENT TO BE REMOVED.
 5. ALL WOOD TO BE P.T.D.F. UNLESS OTHERWISE NOTED.
 6. GRADING OUTSIDE OF EASEMENT WILL NEED APPROVAL BY THE PROPERTY OWNER. ANY NEGOTIATIONS FOR GRADING WILL BE HANDLED BY THE SANTA BARBARA COUNTY PARKS DEPARTMENT.

DENOTES PROPOSED PATHWAY
 DENOTES AREAS OF CONCRETE



REVISIONS	DATE	REMARKS

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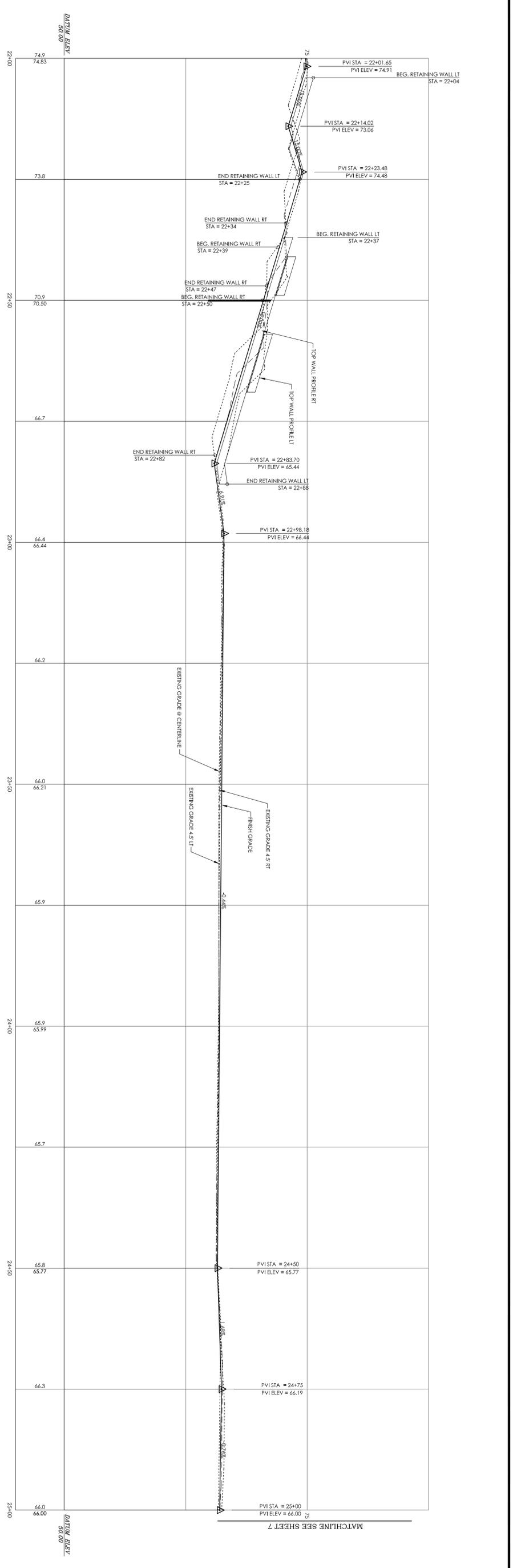
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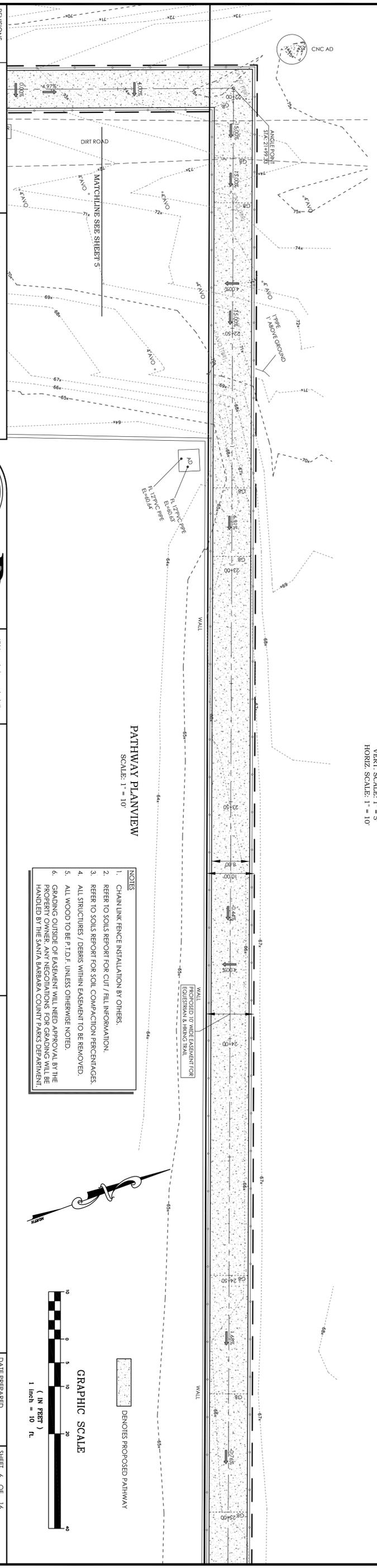
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FRANKLIN PATH
 Carpinteria, CA
 Plan and Profile

DATE PREPARED June 20, 2012	SHEET 3 OF 16
DRAWING NO. 201206.10 Scale and Noted	PROJECT # P201206.10 Scale and Noted
BY JBB & GCG	SCALE PER SHEET
REF:	DATUM

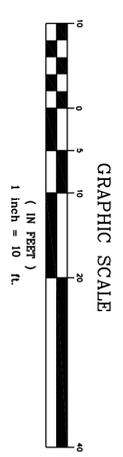


PATHWAY PROFILE
 VERT. SCALE: 1" = 5'
 HORIZ. SCALE: 1" = 10'



PATHWAY PLANVIEW
 SCALE: 1" = 10'

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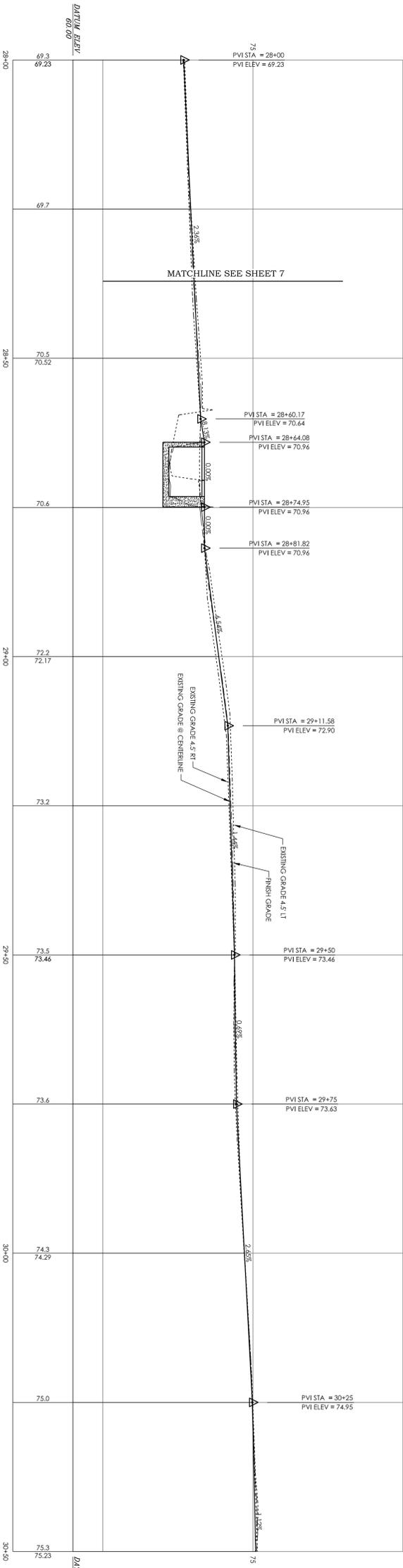
■ DENOTES PROPOSED PATHWAY

REVISIONS	REMARKS	DRAWING BY	DATE PREPARED	SHEET 6 OF 16
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		250 INDUSTRIAL WAY, SUITE C	DRAWING NO.	SCALE PER SHEET
		BUELLTON, CA 93427	201203X, 10 Scale and Noted.dwg	
		TEL: 805-488-2054	BY	DATUM
		FAX: 805-488-1976	JBB & BCG	REF:
		EMAIL: usa@blakelandsurveys.com		
		ESTABLISHED IN 1980		

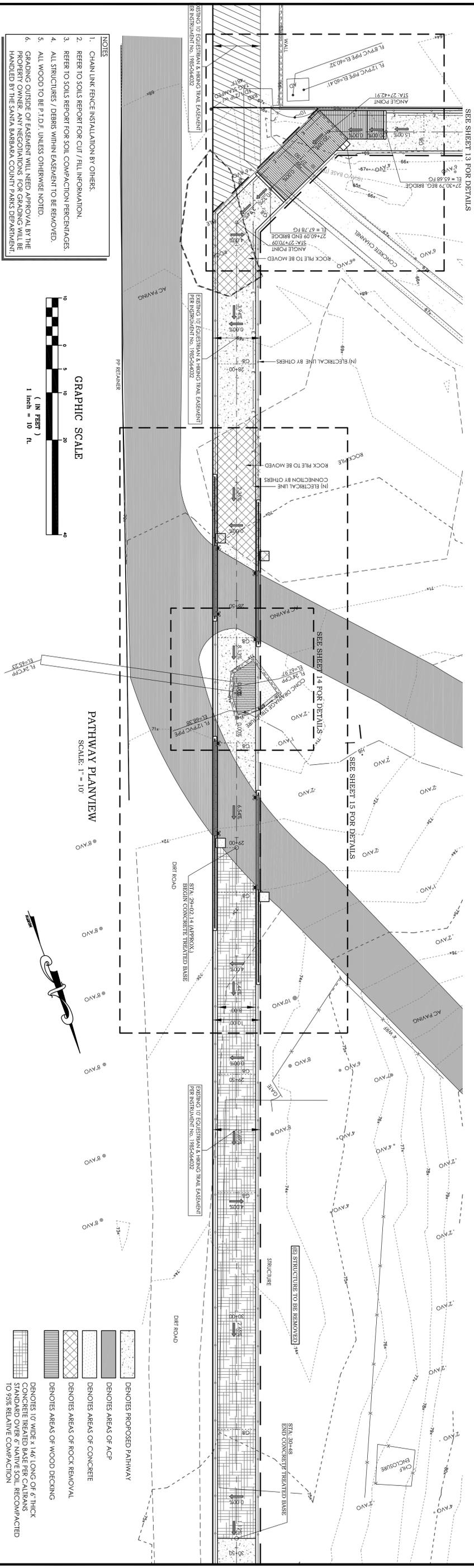
REGISTERED PROFESSIONAL ENGINEER
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BA Inc.
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FRANKLIN PATH
 Carpinteria, CA
 Plan and Profile



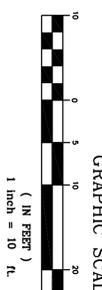
PATHWAY PROFILE
 VERT. SCALE: 1" = 5'
 HORIZ. SCALE: 1" = 10'



PATHWAY PLANVIEW
 SCALE: 1" = 10'

- DENOTES PROPOSED PATHWAY
- DENOTES AREAS OF ACP
- DENOTES AREAS OF CONCRETE
- DENOTES AREAS OF ROCK REMOVAL
- DENOTES AREAS OF WOOD DECKING
- DENOTES 10' WIDE x 146' LONG OF 6" THICK CONCRETE TREATED BASE PER CALTRANS STANDARD OVER 6" NATURAL SOIL, RECOMPACTED TO 95% RELATIVE COMPACTION

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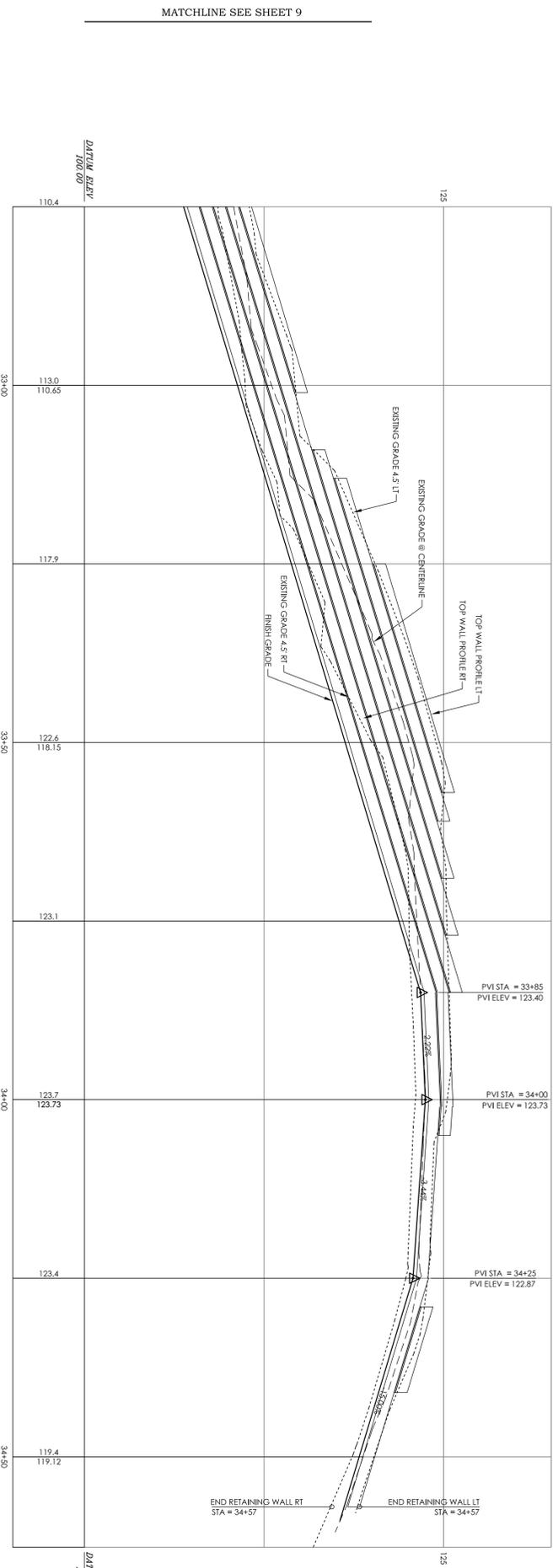
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DATE		

DATE PREPARED	June 20, 2012	SHEET 8 OF 16
DRAWING NO.	201206.10 Scale and Related	PROJECT # F201206.10 Scale and Related
SCALE	PER SHEET	
BY	JBB & GCG	DATUM
REF:		

<p>FRANKLIN PATH Carpinteria, CA Plan and Profile</p>	
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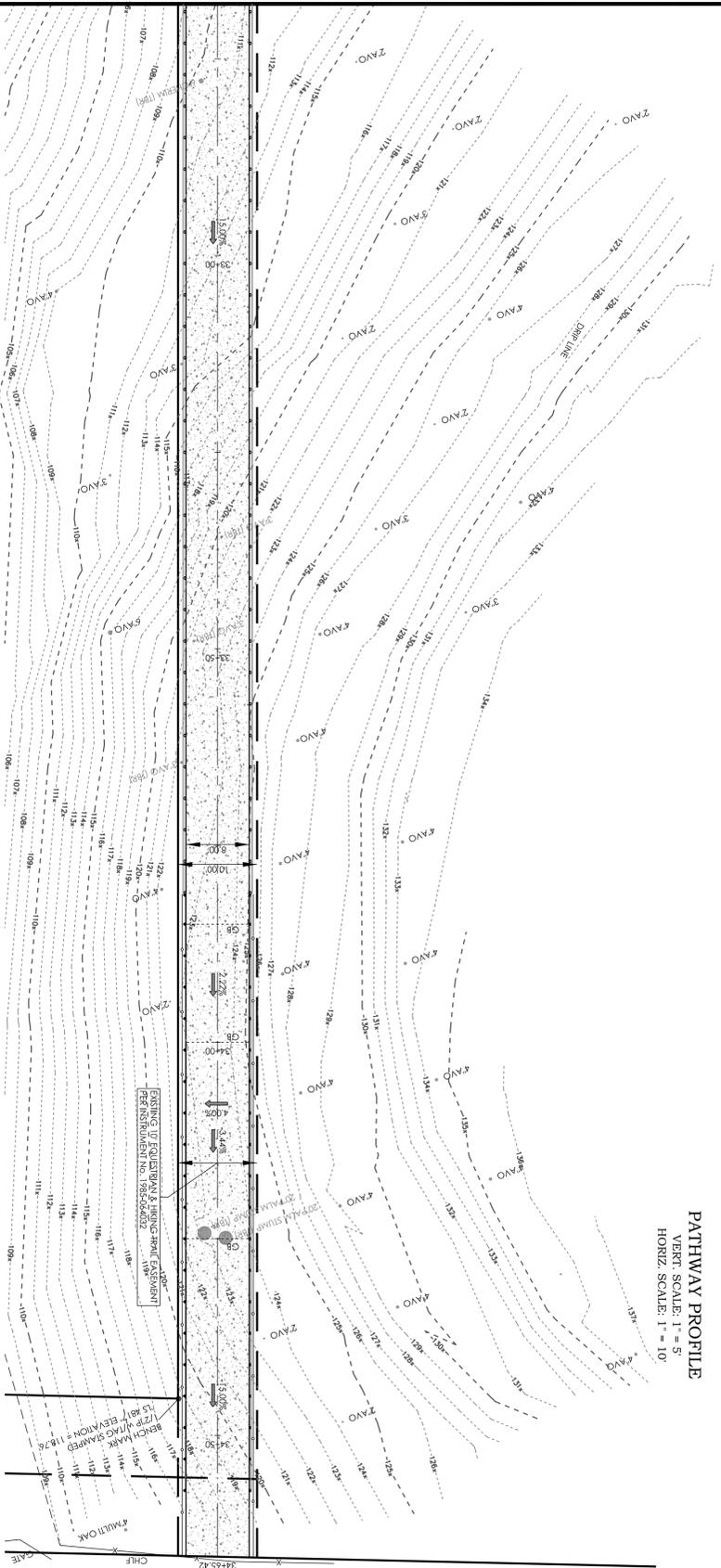


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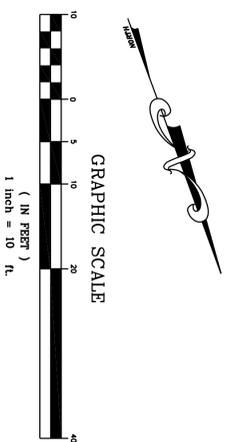
MATCHLINE SEE SHEET 9

PATHWAY PROFILE
VERT. SCALE: 1" = 5'
HORIZ. SCALE: 1" = 10'



PATHWAY PLANVIEW
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DEPOTES PROPOSED PATHWAY

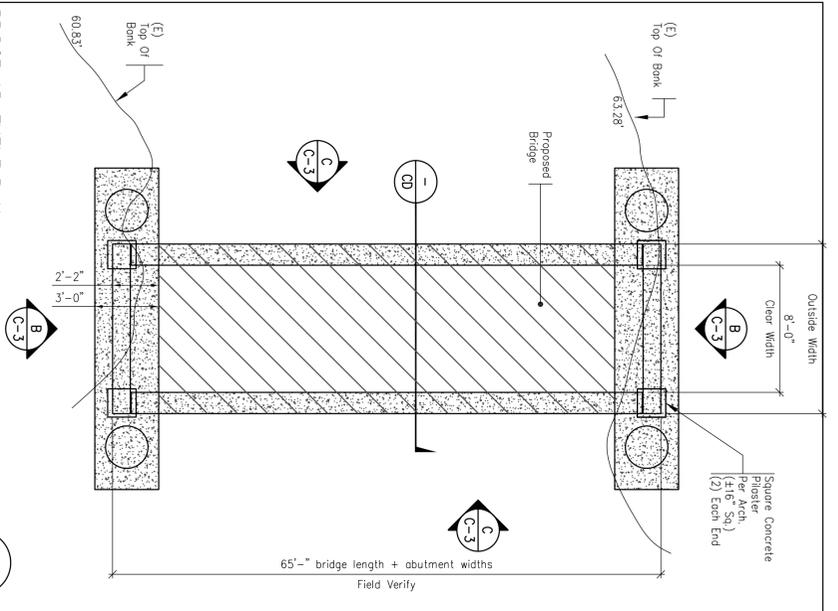
REVISIONS	DATE	REMARKS

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Plan and Profile

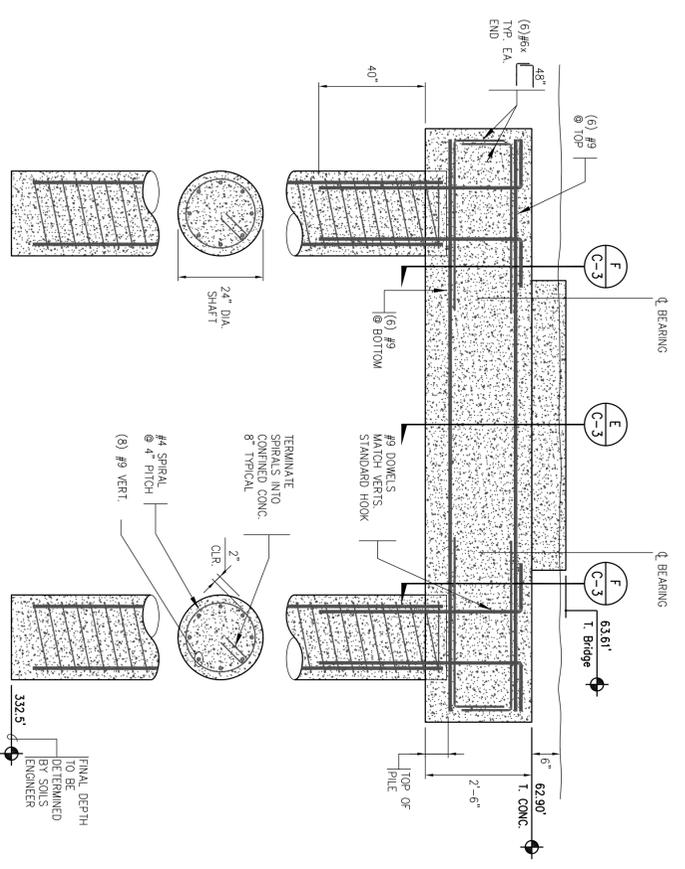
DATE PREPARED	June 20, 2012	SHEET 10 OF 16
DRAWING NO.	201209X.10 Scale and Revised	PROJECT # P201209X.10 Scale and Revised
SCALE	PER SHEET	
BY	JBB & GCG	DATUM
REF:		



BRIDGE ABUTMENT PLAN

SCALE: 1/4" = 1'-0"

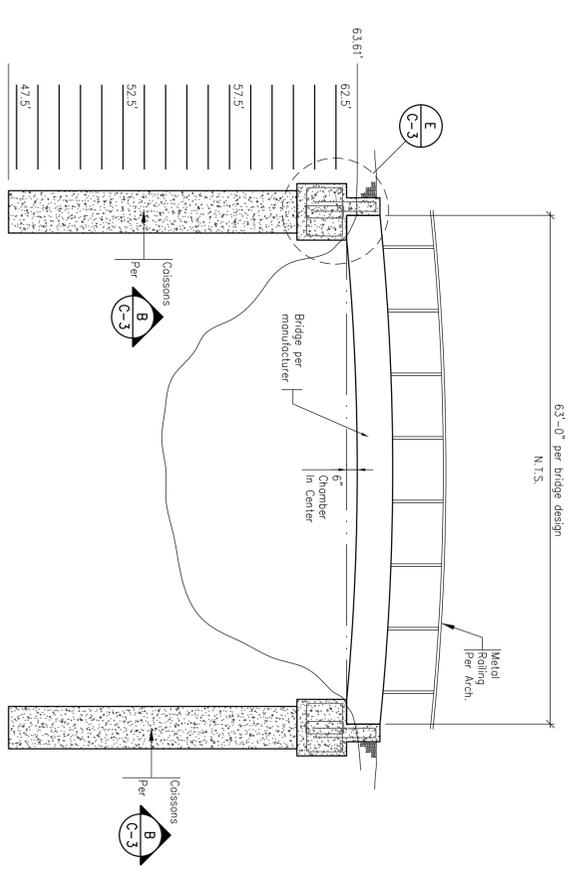
A



ELEVATION-DRIILLED SHAFTS

SCALE: 1/2" = 1'-0"

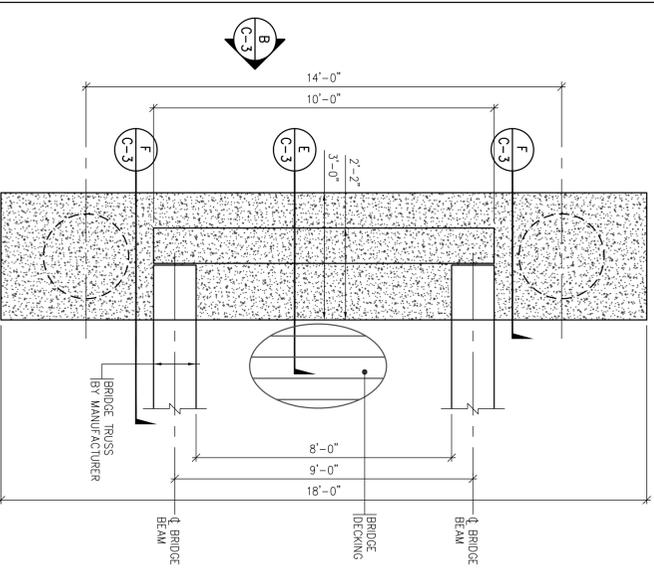
B



ELEVATION A-A

SCALE: 1/4" = 1'-0"

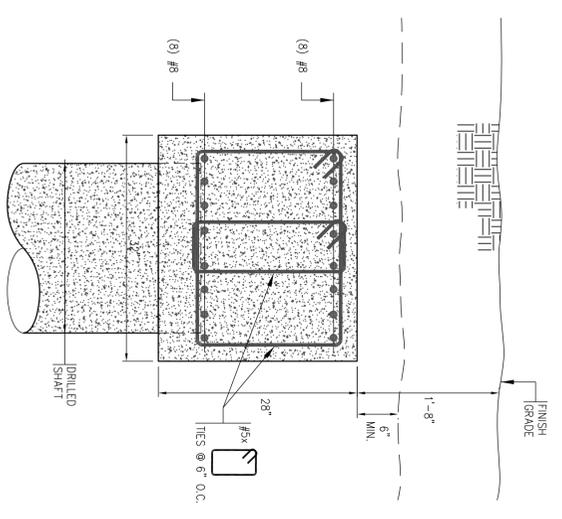
C



ABUTMENT LAYOUT

SCALE: 1/2" = 1'-0"

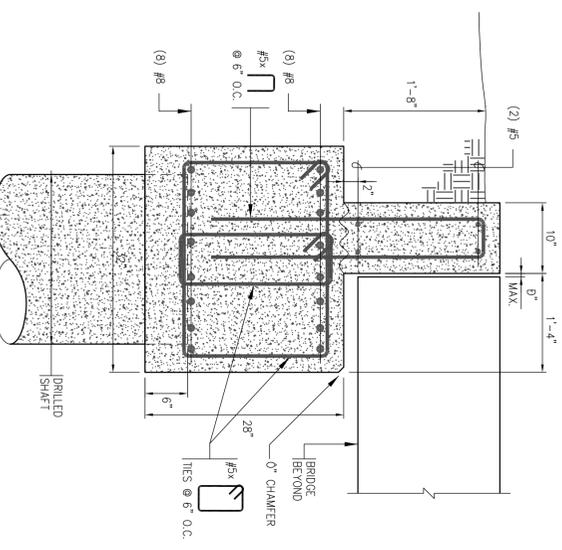
D



ABUTMENT DETAIL

SCALE: 1" = 1'-0"

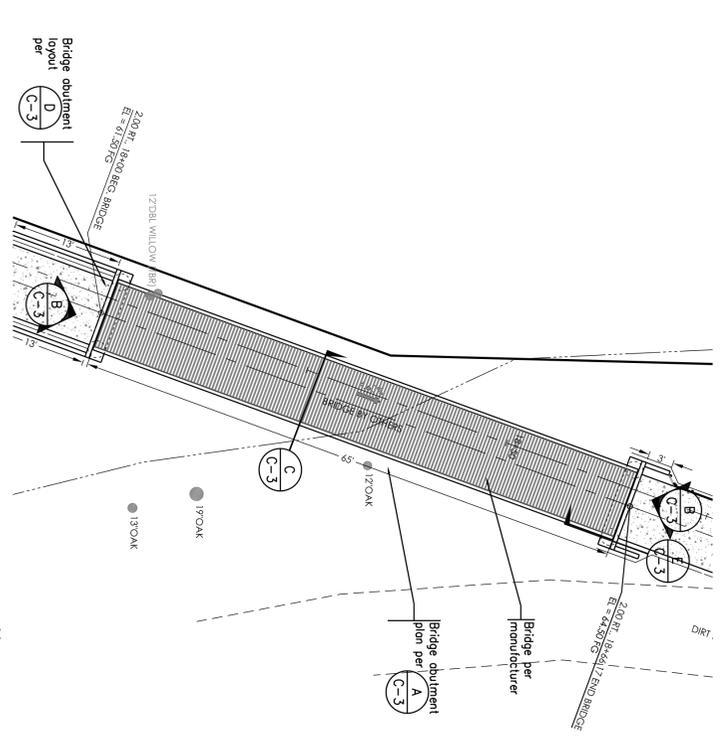
F



ABUTMENT DETAIL

SCALE: 1" = 1'-0"

E



ENLARGED SITE PLAN

SCALE: 1" = 10'-0"

N

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EXP. 3-31-12
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Checked	JAT
Project No.	11-077
Sheet Number	18 OF 16