

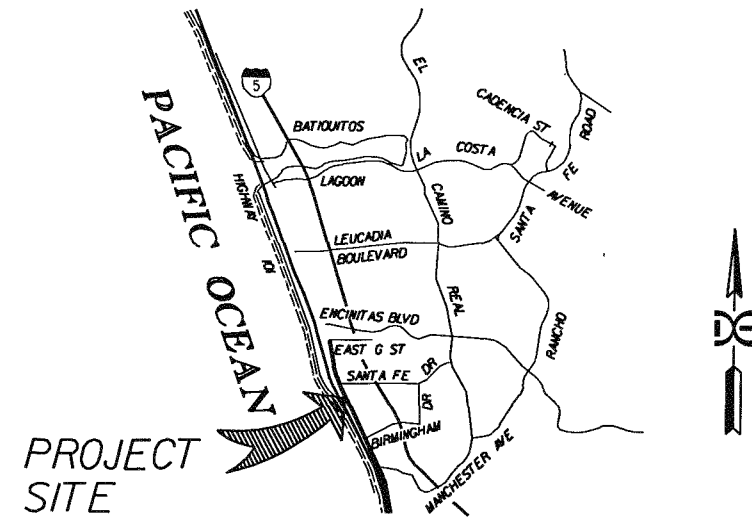
# PROJECT PLANS FOR THE CONSTRUCTION OF THE COASTAL RAIL TRAIL, PHASE 1 CITY OF ENCINITAS

## SHEET INDEX

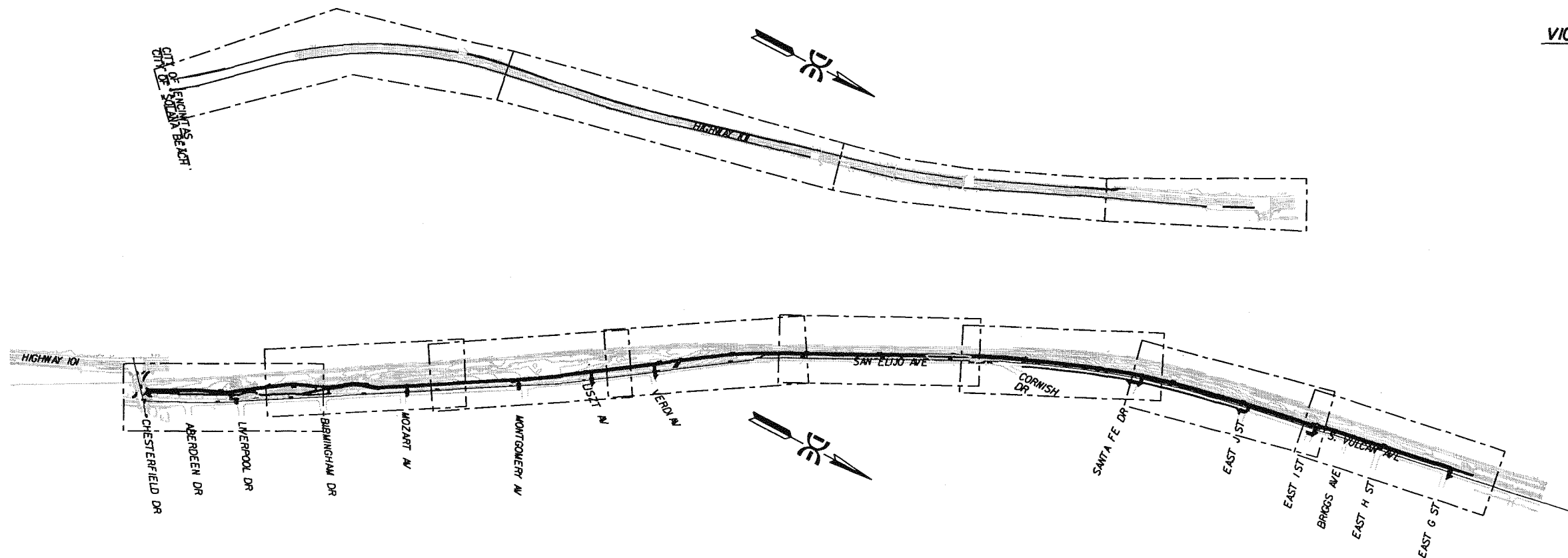
SHEET	DESCRIPTION
1-2	TITLE SHEETS
3	TYPICAL SECTIONS
4-11	IMPROVEMENTS PLANS
12-18	SIGNING & STRIPING

## LEGEND

DESCRIPTION	DWG NO.	SYMBOL
BROW DITCH - TYPE B	D-75	
18" RCP		
WING TYPE HEAD WALL	D-34	
16' ACCESS GATE		
6'-4" WELDED WIRE MESH FENCE		
RETAINING WALL		
LUMINAIRE		
BOLLARD LIGHTING		



VICINITY MAP  
NTS



30% PLAN CHECK SUBMITTAL  
NOVEMBER 24, 2004

REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.		
					DESCRIPTION: U.S.C. & G.S. BRASS DISC "1" RESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL, SW CORNER OF 3rd STREET & "E" STREET, ENCINITAS, CALIF. 28 (EAST) ST. 29 BASIS OF BEARINGS: 1ST ORDER POINTS PER N. OF 65-124872 CCS BS COORDINATES AS FOLLOWS: PT. NO. 12 N 114° 10' 61" W 1935803.00 E 82452349.97 1ST ORDER POINTS PER N. OF S. 17271, CCS BS COORDINATES AS FOLLOWS: PT. NO. 22 N 1975626.715 E 8237820.734	HORIZONTAL 1"=400' VERTICAL N/A		PLANS PREPARED UNDER SUPERVISION OF KIRK F. BRADBURY ENGINEER		KIRK F. BRADBURY	DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	RECOMMENDED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312	APPROVED BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	CITY OF ENCINITAS COASTAL RAIL TRAIL TITLE SHEET WORK PROJECT NO. CMS01J	0047-SI SHEET 1 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

**EROSION CONTROL NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER MAINTENANCE OF THE EROSION CONTROL DEVICES AS NECESSARY.
2. ALL EROSION CONTROL MEASURES REQUIRED TO RETAIN SEDIMENT ONSITE AND TO SAFELY DISCHARGE ANY ACCELERATED RUNOFF GENERATED BY THE PROJECT SHALL BE INSTALLED WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT.
3. TEMPORARY EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN WHICH INTERFERE WITH WORK SHALL BE RELOCATED OR MODIFIED AS THE WORK PROGRESSES AS RECOMMENDED BY THE ENGINEER OF WORK AND AS APPROVED BY THE CITY ENGINEER.
4. ALL REMOVABLE PROTECTION DEVICES SHOWN SHALL BE IN PLACE AT THE END OF EACH WORKING DAY WHEN THE 5-DAY RAIN PROBABILITY FORECAST EXCEEDS 40 PERCENT.
5. EROSION CONTROL SYSTEMS SHALL BE SERVICED AND MAINTAINED TO PROVIDE CONTINUOUS CAPACITY AND ADEQUACY TO FUNCTION AS DESIGNED. AFTER PRECIPITATION EXCEEDING ONE-QUARTER (1/4) INCH IN ANY 12-HOUR PERIOD, OR UPON DIRECTION OF THE CITY ENGINEER, SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS AND DESILTING BASINS, BASINS PUMPED DRY AND OTHERWISE RESTORED TO THE ORIGINAL DESIGN CONDITION.
6. DESILTING BASINS CONSTRUCTED OF COMPACTED EARTH SHALL BE COMPACTED TO A RELATIVE COMPACTION OF 90 PERCENT OF MAXIMUM DENSITY. A SOIL ENGINEERING REPORT INCLUDING THE TYPE OF FIELD TESTING PERFORMED, LOCATION, AND RESULTS OF TESTING SHALL BE SUBMITTED TO THE CITY ENGINEER FOR APPROVAL UPON COMPLETING THE DESILTING BASIN.
7. THE CONTRACTOR SHALL BE RESPONSIBLE AND SHALL TAKE NECESSARY PRECAUTIONS TO PREVENT PUBLIC TRESPASS INTO AREAS WHERE IMPOUND WATER CREATES A HAZARDOUS CONDITION. NECESSARY PRECAUTIONS MAY INCLUDE, BUT NOT BE LIMITED TO, APPROPRIATE PERIMETER FENCING OR A 24-HOUR GUARD PREVENTING UNAUTHORIZED PERSONS FROM ENTERING THE BASINS.
8. PAVED STREETS, SIDEWALKS, AND OTHER IMPROVEMENTS SHALL BE MAINTAINED IN A NEAT AND CLEAN CONDITION, FREE OF LOOSE SOIL, CONSTRUCTION DEBRIS, AND TRASH. STREET SWEEPING OR OTHER EQUALLY EFFECTIVE MEANS SHALL NOT BE USED TO CLEAN STREETS EXCEPT FOR THE REMOVAL OF FINE MATERIAL NOT OTHERWISE REMOVED BY SWEEPING OR OTHER MECHANICAL MEANS.
9. STAND-BY CREWS SHALL BE ALERTED BY THE CONTRACTOR FOR EMERGENCY WORK DURING RAINSTORMS.
10. GRAVEL BAGS AND NECESSARY MATERIALS IN ACCORDANCE WITH THE APPROVED PLANS, SHALL BE AVAILABLE ON SITE AND STOCKPILED AT CONVENIENT LOCATIONS TO FACILITATE RAPID CONSTRUCTION OF TEMPORARY DEVICES OR TO REPAIR ANY DAMAGED EROSION CONTROL MEASURES WHEN RAIN IS IMMINENT. A STAND-BY CREW SHALL BE MADE AVAILABLE AT ALL TIMES DURING THE RAINY SEASON.
11. ALL UTILITY TRENCHES SHALL BE BACK FILLED WITHIN 24 HOURS AND MUST BE BACK FILLED BEFORE THE END OF WORK DAY IF A 40 PERCENT CHANCE OF RAIN IS PREDICTED.
12. A GRAVEL BAG SILT BASIN OR TRAP SHALL BE PROVIDED AT EVERY STORM DRAIN INLET TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM.
13. A 12-INCH HIGH BY 4-FOOT WIDE BERM SHALL BE MAINTAINED ALONG THE TOP OF THE SLOPE OF THOSE FILLS ON WHICH GRADING IS NOT IN PROGRESS. CONCENTRATED WATER SHALL BE CARRIED NOT CLOSER THAN 10-FEET FROM THE TOP OF SLOPES.
14. PROVIDED VELOCITY CHECK DAMS IN ALL UNPAVED STREET AREAS AT THE INTERVALS INDICATED BELOW. VELOCITY CHECK DAMS MAY BE CONSTRUCTED OF GRAVEL BAGS, TIMBER, OR OTHER EROSION RESISTANT MATERIALS APPROVED BY THE CITY ENGINEER AND SHALL EXTEND HALF WAY ACROSS THE STREET AT RIGHT ANGLES TO THE CENTERLINE. EARTH DIKES MAY NOT BE USED AS VELOCITY CHECK DAMS. CHECK DAM INSTALLATION SHALL PROVIDE FOR THE PREVENTION OF EROSION AROUND THE ENDS OF THE DAM.

GRADE OF THE STREET	INTERVAL
LESS THAN 2%	AS REQUIRED
2% TO 4%	100 FEET
4% TO 10%	50 FEET
OVER 10%	25 FEET

15. ALL EROSION CONTROL PLANS MUST PROVIDE A 24-HOUR TELEPHONE NUMBER AND THE NAME(S) OF THE PERSON(S) RESPONSIBLE FOR EMERGENCY WORK. A TELEPHONE ANSWERING MACHINE OR ANSWERING SERVICE IS UNACCEPTABLE.

**WORK TO BE DONE:**

1. A PERMIT SHALL BE OBTAINED FROM THE CITY OF ENCINITAS ENGINEERING DEPARTMENT FOR ANY WORK WITHIN THE STREET RIGHT-OF-WAY. NO FEE WILL BE CHARGED FOR PERMIT.
2. THE STRUCTURAL SECTION SHALL BE IN ACCORDANCE WITH THESE PLANS AND AS APPROVED BY THE CITY OF ENCINITAS.
3. APPROVAL OF THESE IMPROVEMENT PLANS AS SHOWN DOES NOT CONSTITUTE APPROVAL OF AND CONSTRUCTION OUTSIDE THE PROJECT BOUNDARY.
4. ALL UNDERGROUND UTILITIES WITHIN THE STREET RIGHT-OF-WAY SHALL BE CONSTRUCTED, CONNECTED AND TESTED PRIOR TO CONSTRUCTION OF BERM, CURB, AND PAVING.

5. THE EXISTENCE AND LOCATION OF EXISTING UNDERGROUND FACILITIES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO OTHER EXISTING FACILITIES EXCEPT AS SHOWN ON THESE PLANS. HOWEVER, THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN HEREON AND ANY WHICH IS NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
6. LOCATION AND ELEVATION OF IMPROVEMENTS TO BE MET BY WORK TO BE DONE SHALL BE CONFIRMED BY FIELD MEASUREMENTS PRIOR TO CONSTRUCTION OF NEW WORK. CONTRACTOR WILL MAKE EXPLORATORY EXCAVATIONS AND LOCATE EXISTING UNDERGROUND FACILITIES SUFFICIENTLY AHEAD OF CONSTRUCTION TO PERMIT REVISIONS TO PLANS IF REVISIONS ARE NECESSARY BECAUSE OF ACTUAL LOCATION OF EXISTING FACILITIES.
7. THE CONTRACTOR SHALL NOTIFY THE SAN DIEGO GAS & ELECTRIC COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE WORK WITH COMPANY REPRESENTATIVES.  
NOTICE:  
ALL ELECTRICAL AND GAS SERVICES WITHIN THIS PROJECT ARE "UNDERGROUND AND OVERHEAD INSTALLATIONS". FOR LOCATION OF ELECTRICAL CABLES AND GAS PIPING AND APPURTENANCES CONTACT THE SAN DIEGO GAS & ELECTRIC COMPANY. TELEPHONE: (800) 422-4133.
8. THE CONTRACTOR SHALL NOTIFY THE SBC COMMUNICATIONS COMPANY PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE WORK WITH COMPANY REPRESENTATIVES.  
NOTICE:  
ALL TELEPHONE SERVICES WITHIN THIS PROJECT BOUNDARY ARE "UNDERGROUND INSTALLATIONS". FOR LOCATION OF CABLES AND APPURTENANCES CONTACT THE SBC COMMUNICATIONS COMPANY. TELEPHONE: (619) 546-3606
9. THE CONTRACTOR SHALL NOTIFY THE SAN DIEGUITO WATER DISTRICT PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE WORK WITH COMPANY REPRESENTATIVES.  
NOTICE:  
FOR THE LOCATION OF WATER DISTRICT FACILITIES WITHIN THE PROJECT AREA. TELEPHONE: (760) 633-2709
10. THE CONTRACTOR SHALL NOTIFY COX CABLE TELEVISION PRIOR TO STARTING WORK NEAR COMPANY FACILITIES AND SHALL COORDINATE HIS WORK WITH COMPANY REPRESENTATIVES.  
NOTICE:  
FOR LOCATION OF CABLES AND APPURTENANCES CONTACT COX CABLE TELEVISION COMPANY. TELEPHONE: (800) 422-4133
11. THE CONTRACTOR SHALL PROTECT EXISTING LANDSCAPING AND IMPROVEMENTS REMAINING IN PLACE. NO LANDSCAPING OR IMPROVEMENTS SHALL BE DAMAGED OR REMOVED WITHOUT PRIOR APPROVAL OF THE CITY.
12. THE CONTRACTOR SHALL BE RESPONSIBLE THAT ANY MONUMENT OR BENCH MARK WHICH IS DISTURBED OR DESTROYED SHALL BE RE-ESTABLISHED AND REPLACED BY A REGISTERED CIVIL ENGINEER AUTHORIZED TO PRACTICE LAND SURVEYING OR A LICENSED LAND SURVEYOR.
13. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION), THE SAN DIEGO STANDARD SPECIAL PROVISIONS TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION ADOPTED BY THE SAN DIEGO REGIONAL STANDARDS COMMITTEE, THE SAN DIEGO REGIONAL STANDARD DRAWINGS (LATEST EDITION), AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
14. ALL PRIVATE IMPROVEMENTS IN THE PUBLIC RIGHT-OF-WAY DESIGNATED TO BE REMOVED SHALL BE SALVAGED AND RETURNED TO THE PROPERTY OWNER. ALL PRIVATE IMPROVEMENTS OUTSIDE THE PUBLIC RIGHT-OF-WAY DAMAGED BY THE CONSTRUCTION OF THE PROJECT SHALL BE REPAIRED BY THE CONTRACTOR.
15. THE CONTRACTOR SHALL PATCH ALL EXISTING SEWER LATERALS AND WATER SERVICES PRIOR TO COMMENCEMENT OF CONSTRUCTION. ONLY THESE SEWER LATERALS AND WATER SERVICES THAT WILL BE IN CONFLICT WITH THE STORM DRAIN CONSTRUCTION WILL BE RECONSTRUCTED AS INDICATED ON THE PLANS AND AS DIRECTED BY THE ENGINEER.

**STORMWATER POLLUTION CONTROL BMP NOTES  
RELATIVE TO CONSTRUCTION ACTIVITIES**

**CONCRETE WASHOUT:**

CONTRACTOR SHALL ESTABLISH AND USE AN ADEQUATE SIZE CONCRETE WASHOUT AREA TO CONTAIN WASHOUT WASTES ON SITE. IT IS ILLEGAL TO WASH CONCRETE, SLURRY, MORTAR, STUCCO, PLASTER AND THE LIKE INTO THE STORMWATER CONVEYANCE SYSTEM OR ANY RECEIVING WATER. CONTRACTOR SHALL POST A SIGN DESIGNATING THE WASHOUT LOCATION.

**CONSTRUCTION SITE ACCESS:**

A STABILIZED CONSTRUCTION SITE ACCESS SHALL BE PROVIDED FOR VEHICLES EGRESS AND INGRESS TO PREVENT TRACKING DIRT OFF-SITE. THIS SHALL INCLUDE USING MATERIAL SUCH AS GRAVEL AND/OR CORRUGATED STEEL PANELS/PLATES.

**CONSTRUCTION VEHICLES:**

A SPECIFIC AREA AWAY FROM GUTTERS AND STORMDRAIN SHALL BE DESIGNATED FOR CONSTRUCTION VEHICLES PARKING, VEHICLE REFUELING, AND ROUTINE EQUIPMENT MAINTENANCE. ALL MAJOR REPAIRS SHALL BE MADE OFF-SITE.

DIVERSION DIKES SHALL BE CONSTRUCTED TO CHANNEL RUNOFF AROUND THE CONSTRUCTION SITE. CONTRACTOR SHALL PROTECT CHANNELS AGAINST EROSION USING PERMANENT AND TEMPORARY EROSION CONTROL MEASURES

REMOVE EXISTING VEGETATION ONLY WHEN ABSOLUTELY NECESSARY. LARGE PROJECTS SHALL BE CONDUCTED IN PHASES TO AVOID UNNECESSARY REMOVAL OF THE NATURAL GROUND COVER. DO NOT REMOVE TREES OR SHRUBS UNNECESSARILY; THEY HELP DECREASE EROSION.

TEMPORARY VEGETATION MUST BE PLANTED ON SLOPES OR WHERE CONSTRUCTION IS NOT IMMEDIATELY PLANNED FOR EROSION CONTROL PURPOSES. EROSION SHALL BE PREVENTED BY PLANTING FAST-GROWING ANNUAL AND PERENNIAL GRASSES TO SHIELD AND BIND SOIL.

PLANT PERMANENT VEGETATION AS SOON AS POSSIBLE. ONCE EXCAVATION AND GRADING ACTIVITIES ARE COMPLETE.

**ON-SITE CONSTRUCTION MATERIAL STORAGE:**

STORED MATERIALS SHALL BE CONTAINED IN A SECURE PLACE TO PREVENT SEEPAGE AND SPILLAGE. CONTRACTOR SHALL THESE PRODUCTS WHERE THEY WILL STAY DRY OUT OF THE RAIN. CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT FOR ALL FUEL STORED ON-SITE.

ELIMINATE OR REDUCE POLLUTION OF STORMWATER FROM STOCKPILES KEPT ON-SITE. STOCKPILES MAY INCLUDE SOIL, PAVING MATERIALS, ASPHALT CONCRETE, AGGREGATE BASE, ETC. STOCKPILES SHALL BE LOCATED AWAY FROM CONCENTRATED STORMWATER FLOWS AND STORMDRAIN INLETS. STOCKPILES SHALL BE COVERED OR PROTECTED WITH SOIL STABILIZATION MEASURES AND PROVIDED WITH A TEMPORARY SEDIMENT BARRIER AROUND THE PERIMETER AT ALL TIMES.

**TRAINING:**

CONTRACTORS' EMPLOYEES WHO PERFORM CONSTRUCTION IN THE CITY OF ENCINITAS SHALL BE TRAINED TO BE FAMILIAR WITH THE CITY OF ENCINITAS STORMWATER POLLUTION CONTROL REQUIREMENTS. THESE BMP NOTES SHALL BE AVAILABLE TO EVERYONE WORKING ON SITE. THE PROPERTY OWNER(S) AND THE PRIME CONTRACTOR MUST INFORM SUBCONTRACTORS ABOUT STORMWATER REQUIREMENTS AND THEIR OWN RESPONSIBILITIES.

**WASTE MANAGEMENT:**

CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY DISPOSING OF ALL WASTE AND UNUSED CONSTRUCTION MATERIALS. DUMPING OF UNUSED OR WASTE PRODUCTS ON THE GROUND, WHERE WATER CAN CARRY THEM INTO THE CONVEYANCE SYSTEM IS STRICTLY PROHIBITED.

**STORMWATER:**

NO SEEPAGE FROM DUMPSTERS SHALL BE DISCHARGED INTO STORMWATER. BERMS/DIKES SHALL BE PLACED AROUND DUMPSTERS TO DIVERT THE NATURAL STORM RUNOFF. DUMPSTERS SHALL BE CHECKED FREQUENTLY FOR LEAKS. DUMPSTER LIDS SHALL REMAIN CLOSED AT ALL TIMES. DUMPSTERS WITHOUT LIDS SHALL BE PLACED WITHIN STRUCTURES WITH IMPERVIOUS ROOFING OR COVERED WITH TARPS IN ORDER TO AVOID RAIN CONTACT WITH ANY TRASH MATERIAL.

MANY CONSTRUCTION MATERIALS, INCLUDING SOLVENTS, WATER BASED PAINTS, VEHICLE FLUIDS, BROKEN ASPHALT AND CONCRETE, WOOD, AND CLEARED VEGETATION CAN BE RECYCLED. NON-RECYCLABLE MATERIALS MUST BE TAKEN TO AN APPROPRIATE LANDFILL OR DISPOSED OF AS HAZARDOUS WASTE. FOR INFORMATION ON DISPOSAL OF HAZARDOUS MATERIAL CALL THE HAZARDOUS WASTE HOTLINE TOLL FREE AT (800) 714-1195. FOR INFORMATION ON LANDFILLS AND TO ORDER DUMPSTERS CALL EDCO AT (760) 436-4151.

POLLUTANTS SHALL BE KEPT OFF EXPOSED SURFACES. PLACE TRASH CANS AND RECYCLING RECEPTACLES AROUND THE SITE.

PORTABLE TOILETS MUST BE IN GOOD WORKING ORDER AND CHECKED FREQUENTLY FOR LEAKS. CONTRACTOR SHALL PROVIDE SECONDARY CONTAINMENT AND LOCATE PORTABLE TOILETS AWAY FROM STORMDRAIN INLETS ON PERVIOUS SURFACES.

ALL CONSTRUCTION DEBRIS SHALL BE KEPT AWAY FROM THE STREET, GUTTER, AND STORMDRAIN. CONTRACTOR MUST ROUTINELY CHECK AND CLEAN UP MATERIAL THAT MAY HAVE TRAVELED AWAY FROM CONSTRUCTION SITE.

FOR MORE INFORMATION ON STORMWATER POLLUTION CONTROL MEASURES AND REQUIREMENTS PLEASE CONTACT THE ENGINEERING DEPARTMENT, CITY OF ENCINITAS AT (760) 633-2770.

**RIGHT OF WAY NOTE**

OWNER IS TO OBTAIN A CONSTRUCTION PERMIT FROM THE ENGINEERING DEPARTMENT AT LEAST 48 HOURS PRIOR TO WORKING IN THE PUBLIC RIGHT OF WAY. FAILURE TO DO SO WILL RESULT IN AN ISSUANCE OF A STOP WORK NOTICE AND DOUBLE PERMIT FEES. IT IS THE RESPONSIBILITY OF THE OWNER TO KNOW THE LOCATION OF THE PROPERTY LINE.

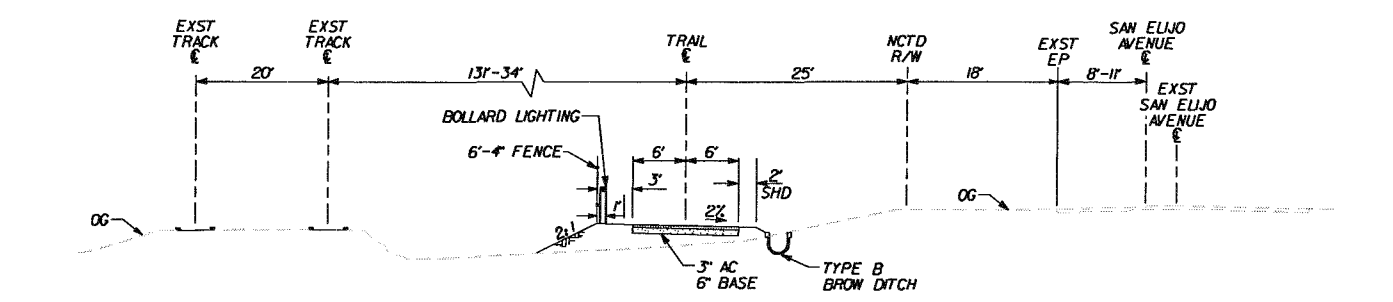


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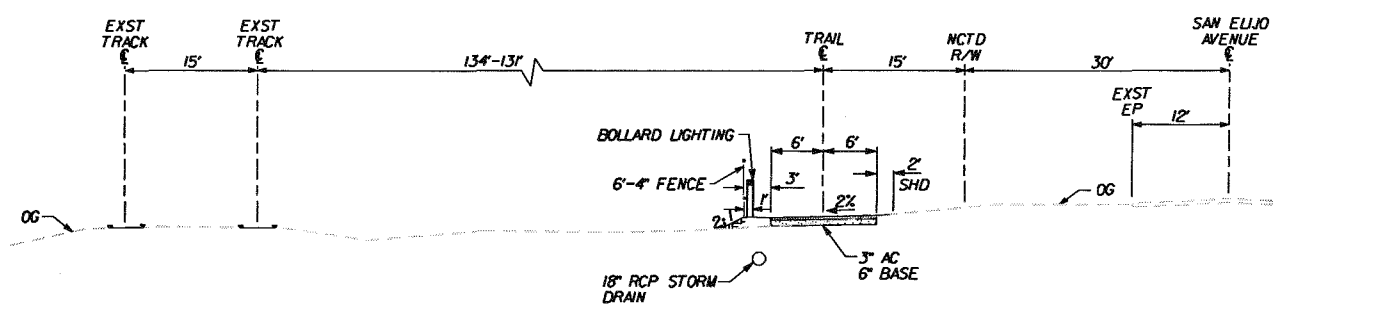
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					DESCRIPTION: U.S. & G.S. BRASS DISC "L BESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL, SW CORNER OF 3rd STREET & "E" STREET, ENCINITAS, CALIF. 22 N 191 E 91 49	HORIZONTAL		KIRK F. BRADBURY	KIRK F. BRADBURY	KIRK F. BRADBURY	RECOMMENDED	CITY OF ENCINITAS	ENGINEERING SERVICES DEPARTMENT	0047-SI
					BASIS OF BEARINGS: 1ST ORDER POINTS PER N. OF S.C. 1492, CCS BY TRIPOD/TAPES AS FOLLOWS: P1, No. 24, 11/1/1911 N 133 50 03.03 E 82 45 33 33.37 1ST ORDER POINTS PER N. OF S. 17217, CCS BY COORDINATES AS FOLLOWS: P1, No. 22 N 191 56 26.115 E 62 37 82 6.734	VERTICAL				APPROVED	CITY OF ENCINITAS	ENGINEERING SERVICES DEPARTMENT	0047-SI	
PLANS PREPARED UNDER SUPERVISION OF DATE: 11/24/04 BY: LEROY BODAS R.C.E. NO.: C052099 DATE: 9/30/05 R.C.E.: 22312 EXP. 12/31/06 R.C.E.: 52176												WORK PROJECT NO. CMS01J	SHEET 2 OF 18	

ENGINEER'S NAME:  
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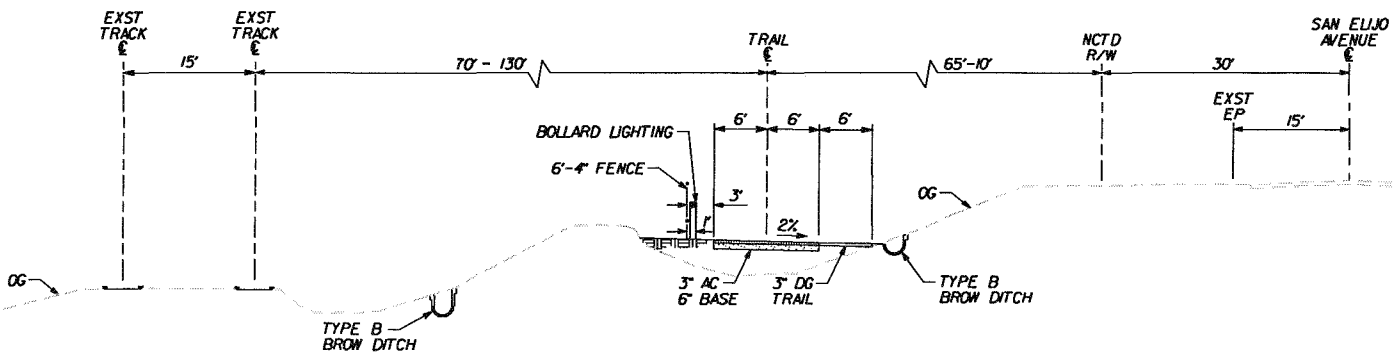
**CITY OF ENCINITAS  
COASTAL RAIL TRAIL  
TITLE SHEET**



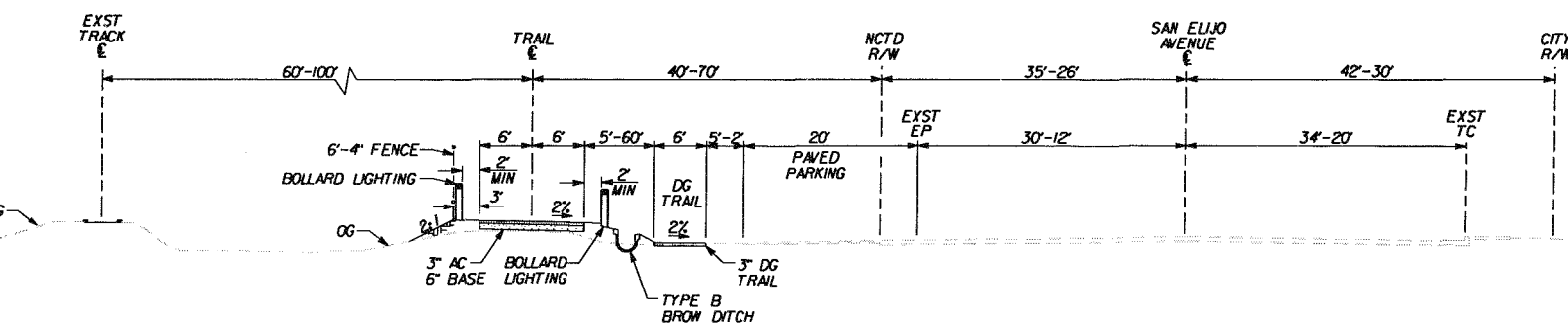
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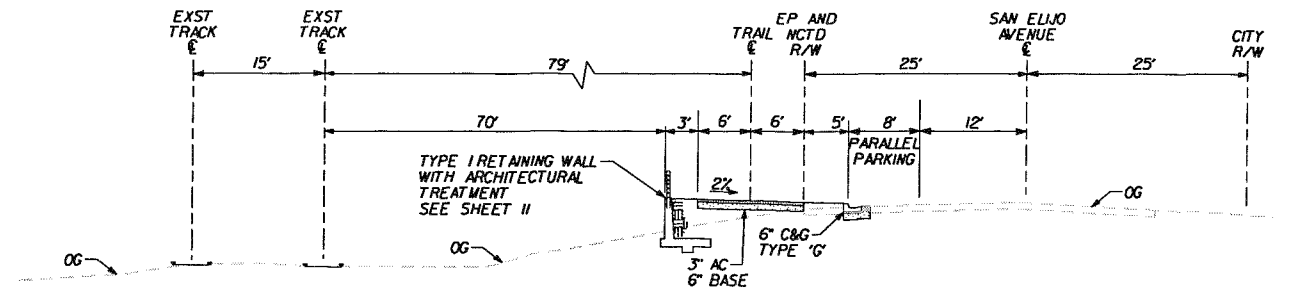
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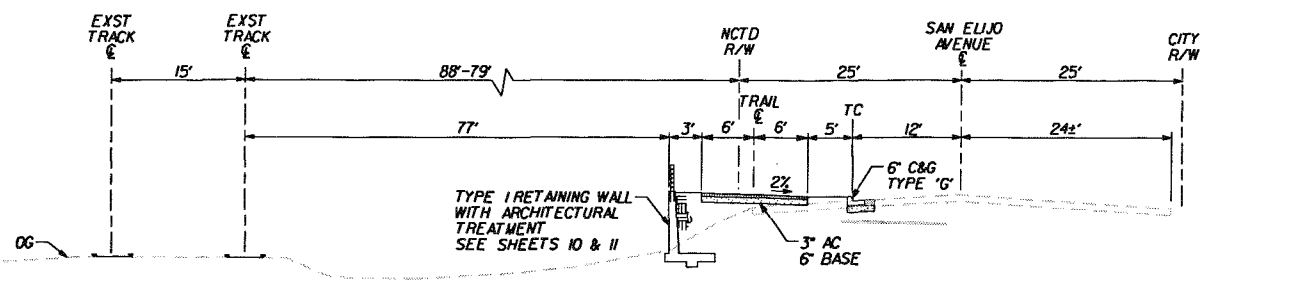
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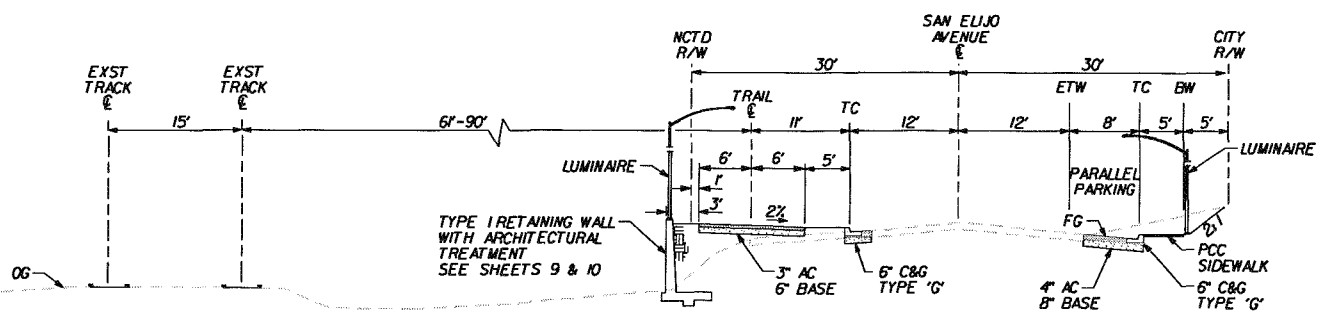
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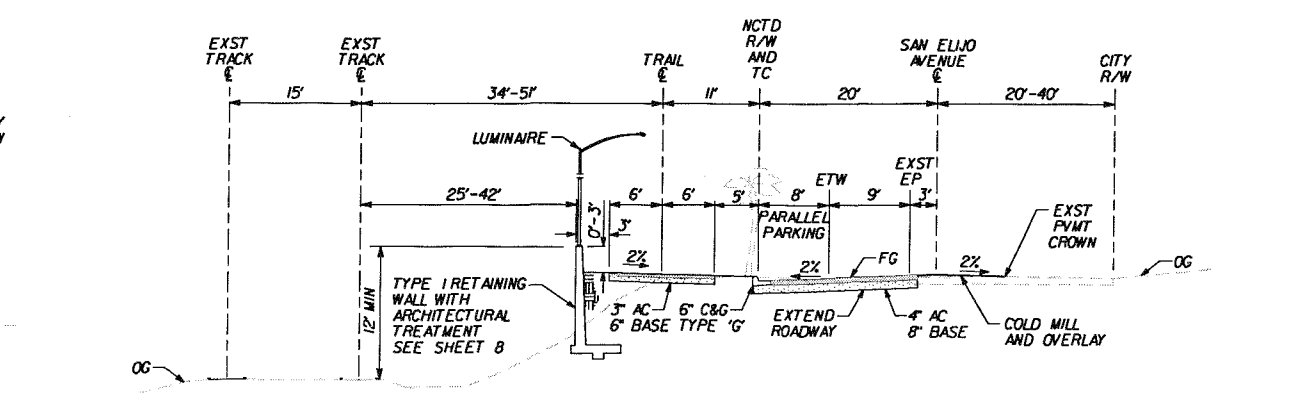
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TRAIL STA 175+00 TO 180+50  
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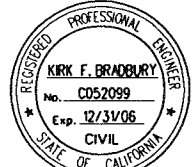
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**TYPICAL SECTIONS**  
STA 100+40 TO 189+00

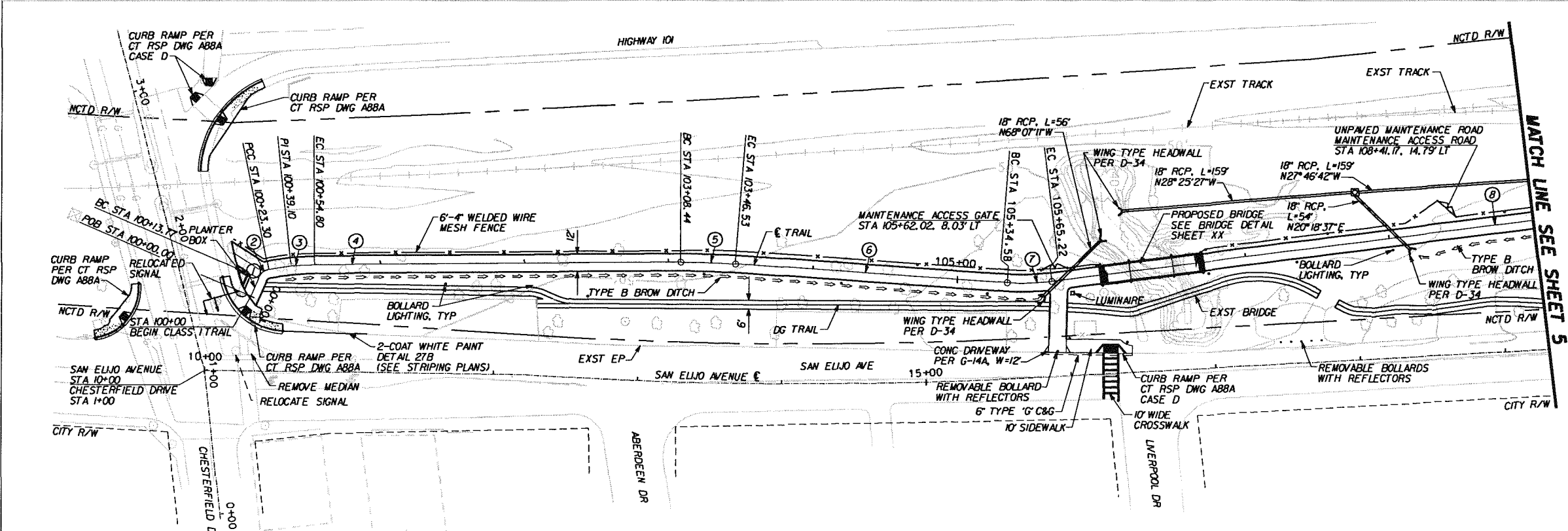
- LEGEND**
- ASPHALT CONCRETE
  - CRUSHED AGGREGATE BASE
  - COMPACTED EARTH



REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY KD	DRAWN BY KD	CHECKED BY KIRK F. BRADBURY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.G. & G.S. BRASS DISC 'L' RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL, SW CORNER OF 3RD STREET & 'E' STREET, ENCINITAS, MWD. 22 CIV. 91-14 BASIS OF BEARINGS: 1ST ORDER POINTS PER N. OF S. 14492, PCS BY COORDINATES AS FOLLOWS PT. No. 62 (1/4 TIG) N 1935803.03 E 2458233.31 1ST ORDER POINTS PER N. OF S. 17271, GCS BS COORDINATES AS FOLLOWS PT. No. 22 N 1975626.715 E 6237820.734	HORIZONTAL VERTICAL		PLANS PREPARED UNDER SUPERVISION OF KIRK F. BRADBURY ENGINEER	DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	RECOMMENDED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312	APPROVED BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	WORK PROJECT NO. CMS01J	<b>CITY OF ENCINITAS COASTAL RAIL TRAIL TYPICAL SECTIONS</b>	0047-SI SHEET 3 OF 18

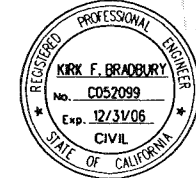
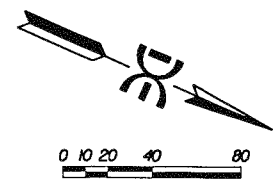
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ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:



C DATA TABLE				
(No)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N89°39'51"E	---	13.77'	
2	Δ=5°36'59"	10.00'	9.53'	
3	Δ=1°38'33"	155.00'	155.00'	
4	N2°05'34"W	---	253.65'	
5	Δ=0°21'51"	500.00'	38.08'	
6	N19°43'43"W	---	188.05'	
7	Δ=1°19'34"	155.00'	30.64'	
8	N3°03'11"W	---	372.96'	

INFORMATION SHOWN FOR ENTIRE CURVE

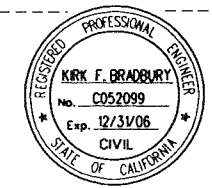
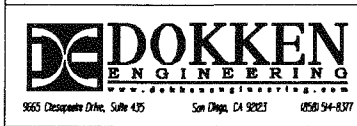
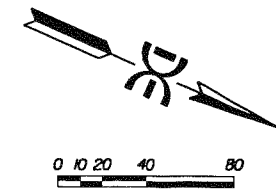
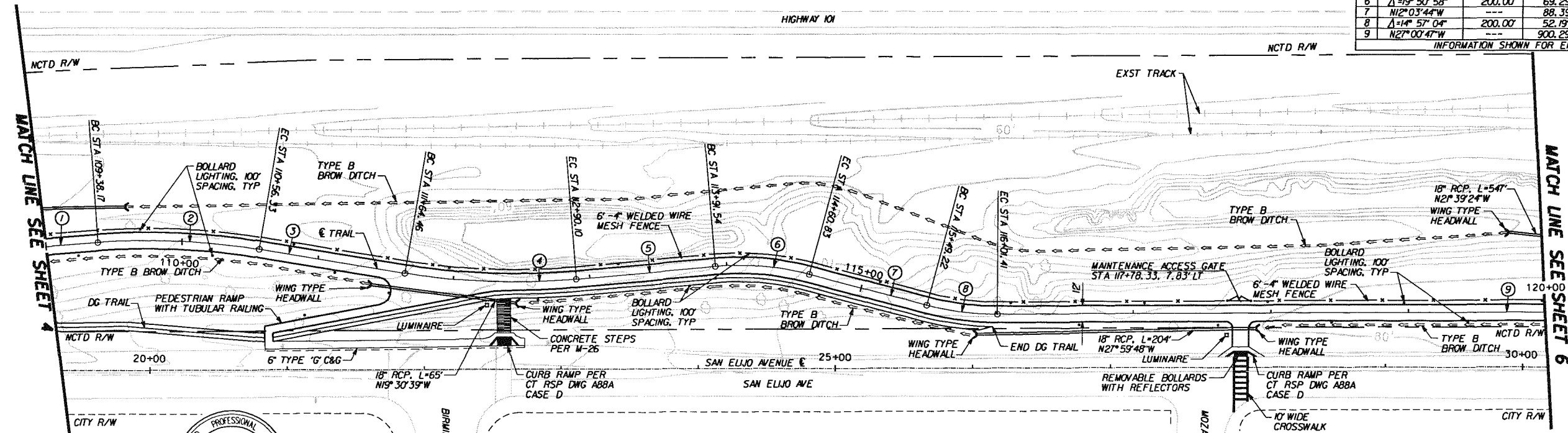


REVISIONS	APPROVED	DATE	REFERENCES	DATE	DESCRIPTION	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
						DESCRIPTION: U.S.-G.A.G.S. BRASS DISC "L" RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & "E" STREET, ENCINITAS, CALIF. 92021 (ELEV. 91.14) BASIS OF BEARINGS: 1ST ORDER POINTS PER H. OF S. 14492 - PLS BY COORDINATES 45 708 1081 P1. No. 62 LLV 1061 N 1935803.03 E 82459239.97 1ST ORDER POINTS PER H. OF S. 17271, CCS 83 COORDINATES AS FOLLOWS: P1. No. 22 N 1975626.115 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KD PLANS PREPARED UNDER SUPERVISION OF DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	KD KIRK F. BRADBURY ENGINEER	KD KIRK F. BRADBURY CHECKED BY	APPROVED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312	APPROVED BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	CITY OF ENCINITAS <b>COASTAL RAIL TRAIL</b> <b>PLAN AND PROFILE</b> WORK PROJECT NO. CMS01J	0047-S1 SHEET 4 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

C DATA TABLE				
(No)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N3°03'17"W	---	372.96'	
2	Δ=13°32'24"	500.00'	118.16'	
3	N17°30'53"W	---	108.13'	
4	Δ=14°23'49"	500.00'	125.64'	
5	N3°54'42"W	---	101.44'	
6	Δ=19°50'58"	200.00'	69.29'	
7	N12°03'44"W	---	88.39'	
8	Δ=14°57'04"	200.00'	52.19'	
9	N27°00'47"W	---	90.29'	

INFORMATION SHOWN FOR ENTIRE CURVE

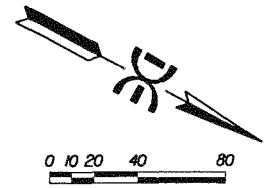
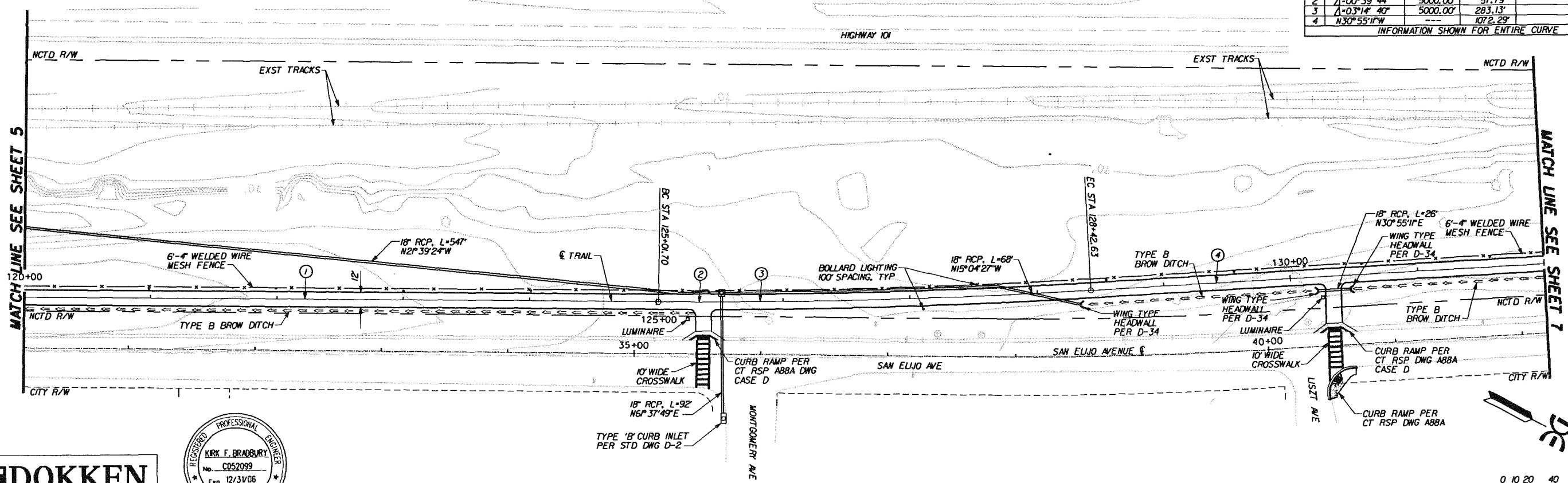


REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS	ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC 'L' RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL, SW CORNER OF 3RD STREET & 4TH STREET, ENCINITAS, NVD 89 (REV. 91-25) BEARS OF BEARINGS: 1ST ORDER POINTS PER N. D. 9-14492, G.S. 83 COORDINATES AS FOLLOWS: PT. NO. 52 (1/2) TWP 1 N 19°58'03.03" E 6°24'52'33.97" S 1ST ORDER POINTS PER N. D. 9-14492, G.S. 83 COORDINATES AS FOLLOWS: PT. NO. 22 N 19°56'26.715" E 6°23'48.200" W	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY	KIRK F. BRADBURY	KIRK F. BRADBURY	RECOMMENDED DATE: 11/24/04 BY: LEROY BODAS DATE: 9/30/05 R.C.E. NO.: C052099 EXP. 12/31/06	APPROVED DATE: 12/31/06 BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	CITY OF ENCINITAS	ENGINEERING SERVICES DEPARTMENT	0047-SI

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

DATA TABLE				
NO.	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N27°00'47"W	---	900.29'	
2	A=00°39'44"	5000.00'	57.79'	
3	A=03°14'40"	5000.00'	283.13'	
4	N30°55'11"W	---	1072.29'	

INFORMATION SHOWN FOR ENTIRE CURVE



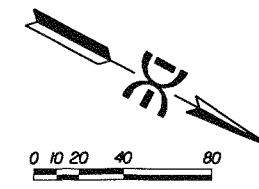
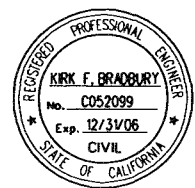
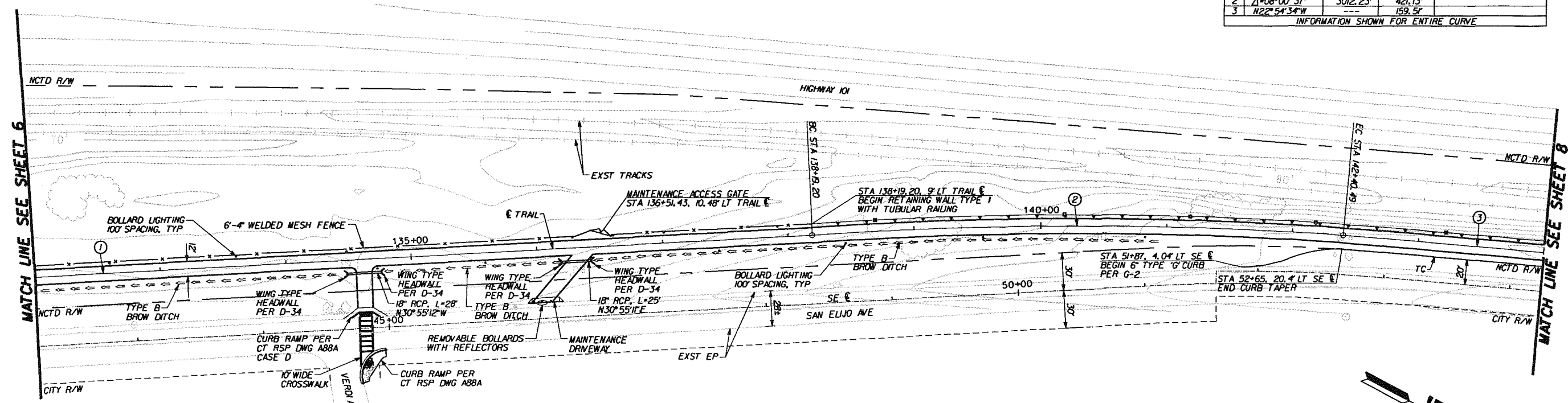
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DESIGNED BY K.D.	DRAWN BY K.D.	CHECKED BY KIRK F. BRADBURY	APPROVALS		CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO. 0047-SI
PLANS PREPARED UNDER SUPERVISION OF KIRK F. BRADBURY ENGINEER			RECOMMENDED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312	APPROVED BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176		

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

DATA TABLE				
(No)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N30°55'11"W	---	619.20'	
2	Δ=08°00'37"	3012.23'	421.13'	
3	N22°54'34"W	---	159.5'	

INFORMATION SHOWN FOR ENTIRE CURVE



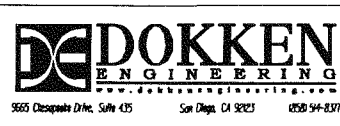
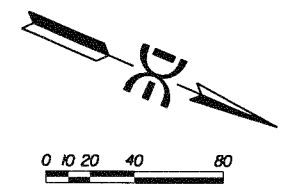
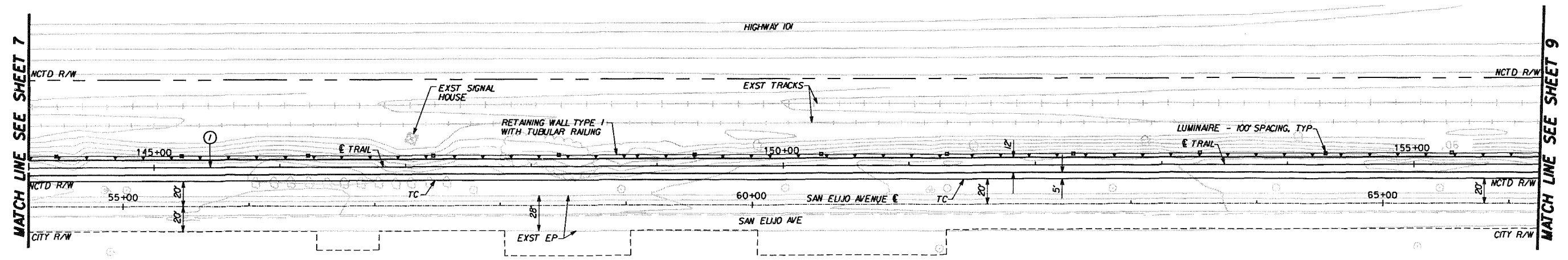
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REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S. & G.S. BRASS DISC '1 RESET' SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & 'E' STREET, ENCINITAS, NCTD TRAIL, ELEV. 91.24. BASIS OF BEARINGS: 1ST ORDER POINTS PER W. OF S. 1492, 1953 BY COORDINATES AS FOLLOWS: PT. No. 62 TLJ 1061 N 1935803.03 E 62458239.97 1ST ORDER POINT PER W. OF S. 1492, 1953 BY COORDINATES AS FOLLOWS: PT. No. 22 N 1935826.715 E 6237826.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY ENGINEER	KIRK F. BRADBURY ENGINEER	KIRK F. BRADBURY ENGINEER	RECOMMENDED DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	APPROVED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312 BY: PETER COTA-ROBLES DATE: 12/31/05 R.C.E. 52176	CITY OF ENCINITAS <b>COASTAL RAIL TRAIL</b> PLAN AND PROFILE WORK PROJECT NO. CMS0J	0047-SI SHEET 7 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

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C DATA TABLE				
(No)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N22°54'34"W	---	1199.80'	---
INFORMATION SHOWN FOR ENTIRE CURVE				



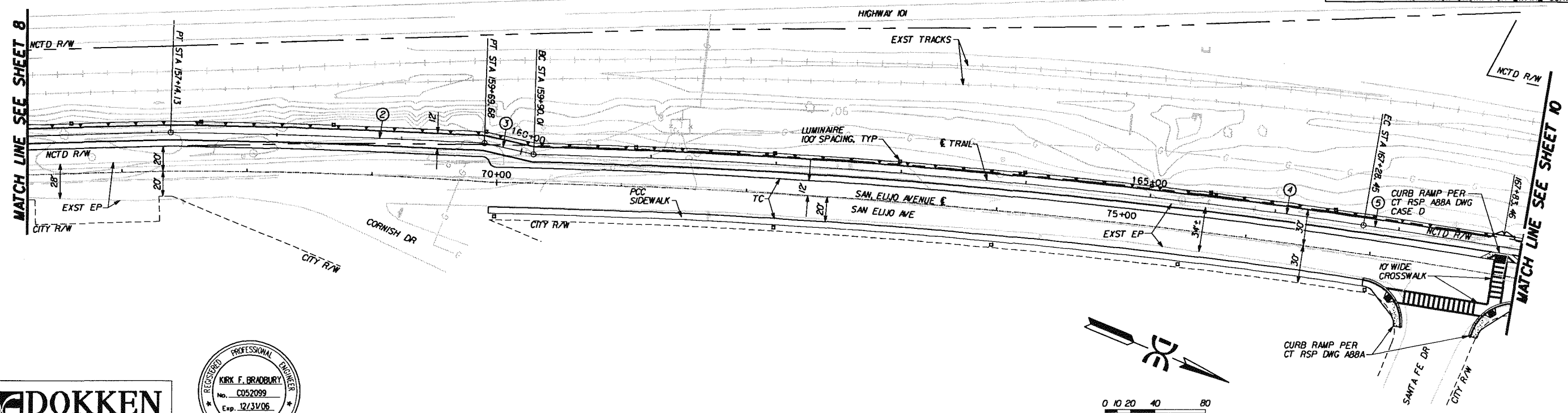
REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.G. & G.S. BRASS DISC "L BESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO TELEMETRY SHED - SW CORNER OF 3RD STREET & E STREET, ENCINITAS. NVD 29 (ELEV 91.42) BASIS OF BEARING: 1ST BENCH POINTS PER M. OF S. 4492, E.C.S. BY COORDINATES AS FOLLOWS: PT. No. 62 (L) 1063 N 1935803.03 E 62459239.37 1ST BENCH POINTS PER M. OF S. 11711, E.C.S. BY COORDINATES AS FOLLOWS: PT. No. 22 N 1975626.715 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		PLANS PREPARED UNDER SUPERVISION OF	KD	KD	KIRK F. BRADBURY	RECOMMENDED DATE: 11/24/04 BY: LEROY BODAS R.C.E. NO.: C052099 DATE: 9/30/05 R.C.E. 22312	APPROVED DATE: 12/31/06 BY: PETER COTA-ROBLES R.C.E. 52176	0047-SI
WORK PROJECT NO. CWS01												SHEET 8 OF 18		

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:



C DATA TABLE				
(NO)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N22°54'34"W	---	115.58'	
2	A=02°13'56"	6437.29'	258.80'	
3	N08°44'27"W	---	40.31'	
4	A=06°46'44"	5625.00'	665.51'	
5	N12°31'44"W	---	127.00'	

INFORMATION SHOWN FOR ENTIRE CURVE



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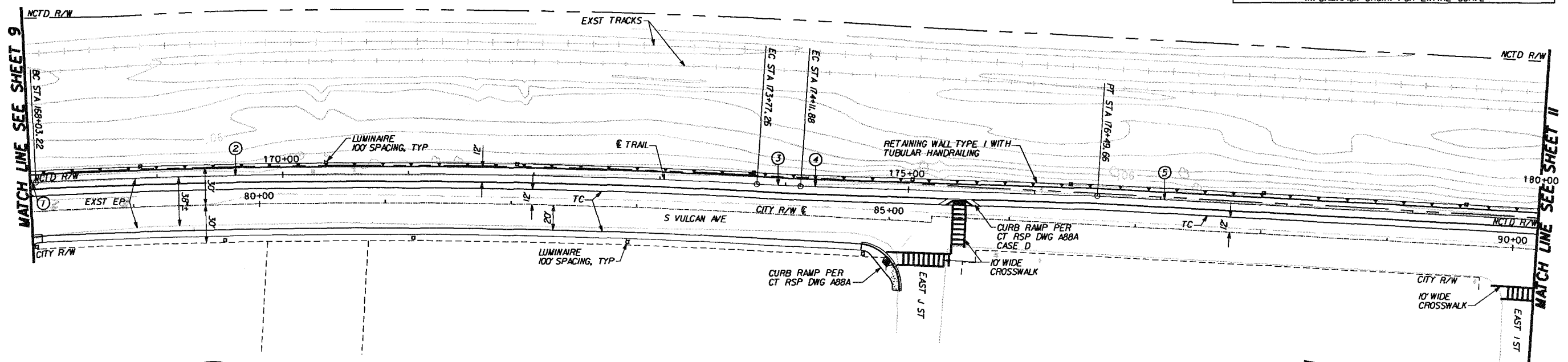


REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC "1 BESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL SW CORNER OF 3RD STREET & 4TH STREET, ENCINITAS, MCD #2 ELEV: 91.42 BASIS OF BEARINGS: 1ST ORDER POINTS PER W. OF S. 14492, CCS BY COORDINATES AS FOLLOWS: PT. No. 62 117 1063 N 1335803.03 E 624592339.37 1ST ORDER POINTS PER W. OF S. 11211, CCS BY COORDINATES AS FOLLOWS: PT. No. 22 N 1975626.715 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY	KIRK F. BRADBURY	KIRK F. BRADBURY	DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	RECOMMENDED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312 APPROVED BY: PETER COTA-ROBLE'S DATE: 12/31/06 R.C.E. 52175	CITY OF ENCINITAS COASTAL RAIL TRAIL PLAN AND PROFILE WORK PROJECT NO. CMS01J	0047-SI SHEET 9 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

C DATA TABLE				
(NO)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N12°31'46"W	---	4.67'	
2	A=05°50'25"	5630.05'	573.87'	
3	N05°59'20"W	---	34.62'	
4	N07°12'33"W	---	235.04'	
5	N05°59'20"W	---	350.38'	

INFORMATION SHOWN FOR ENTIRE CURVE



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REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC "L RESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & E STREET, ENCINITAS, CALIF. ELEV. 91.42 BASIS OF BEARINGS: 1ST ORDER POINTS PER N. OF S. 14493, CDS BY COORDINATES AS FOLLOWS PT. No. 82 (1/1 1067 N 1935803.03 E 62458239.97 1ST ORDER POINTS PER N. OF S. 11711, CDS BY COORDINATES AS FOLLOWS PT. No. 22 N 1975626.115 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY No. C052099 Exp. 12/31/06 CIVIL STATE OF CALIFORNIA	KD	KD	KIRK F. BRADBURY	RECOMMENDED DATE: 11/24/04 BY: LEROY BODAS R.C.E. NO.: C052099 DATE: 9/30/05 R.C.E.: 22312	APPROVED DATE: 12/31/06 BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E.: 52176	0047-SI

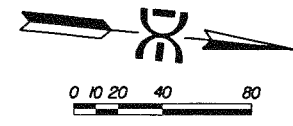
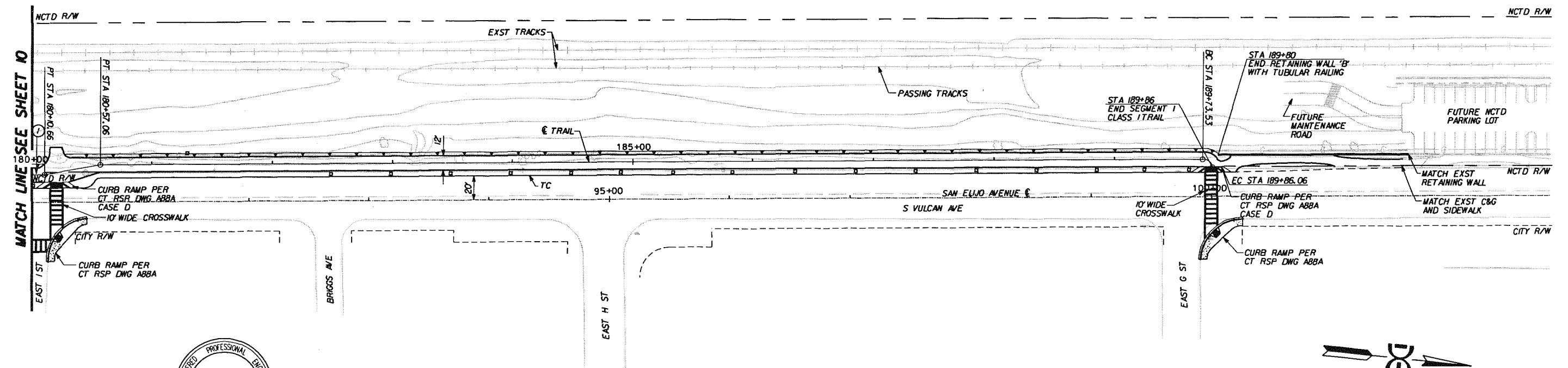
ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

WORK PROJECT NO. CMS01J

SHEET 10 OF 18

(No)	DELTA/BEARING	RADIUS	LENGTH	COMMENTS
1	N30°55'11"W	---	1072.29'	
2				
3				
4				

INFORMATION SHOWN FOR ENTIRE CURVE



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REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC 'L' RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3/2 STREET & 'E' STREET, ENCINITAS. HWD 26 ELEV: 91.42 BASIS OF BEARINGS: THE ORDER POINTS PER W. OF S. 1482, 1043 & COORDINATES AS FOLLOWS: PT. No. 62 113 1061 N 1335801.03 E 62458239.37 THE ORDER POINTS PER W. OF S. 17271, CDS BY COORDINATES AS FOLLOWS: PT. No. 22 N 1375626.715 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY K.D.	KIRK F. BRADBURY K.D.	KIRK F. BRADBURY K.D.	RECOMMENDED DATE: 11/24/04 BY: LEROY BODAS DATE: 9/30/05 R.C.E. NO.: C052099 R.C.E. 22312	APPROVED DATE: 12/31/06 BY: PETER COTA-ROBLE'S DATE: 12/31/06 R.C.E. 52176	CITY OF ENCINITAS COASTAL RAIL TRAIL PLAN AND PROFILE WORK PROJECT NO. CMS0J	0047-SI SHEET 11 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:



PLAN: HIGHWAY 101  
SCALE: 1"=40'

PLAN: HIGHWAY 101  
SCALE: 1"=40'

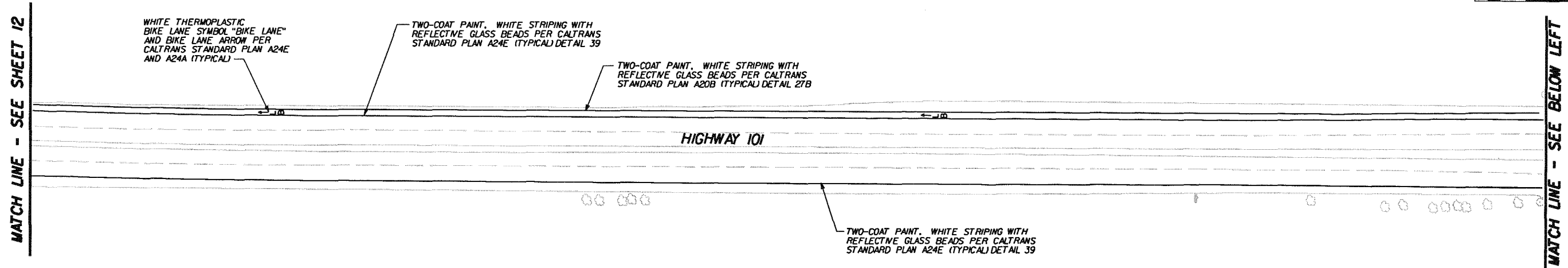
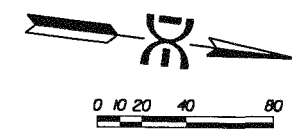
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**DOKKEN ENGINEERING**  
3663 Chesapeake Drive, Suite 435 San Diego, CA 92121 619-594-8377

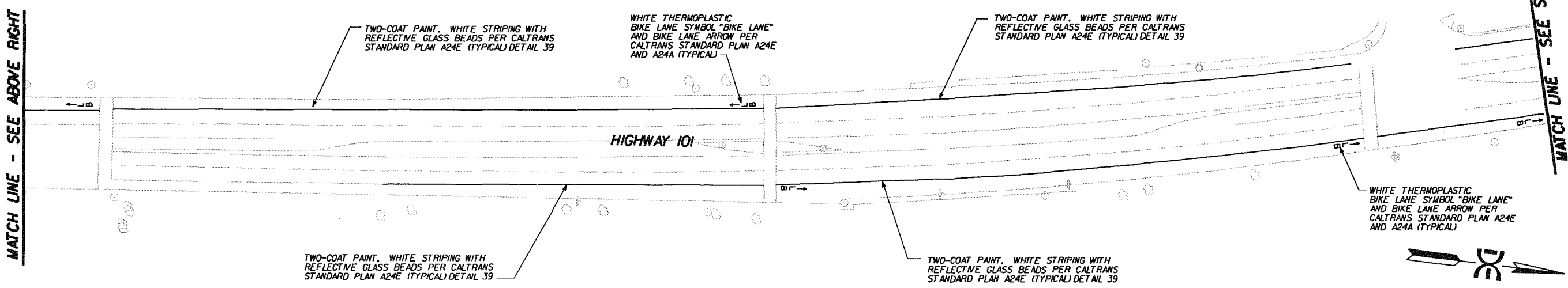
PROFESSIONAL ENGINEER  
KIRK F. BRADBURY  
No. C052099  
Exp. 12/31/06  
CIVIL  
STATE OF CALIFORNIA

REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC 'L RESET' SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL, SW CORNER OF 3rd STREET & 'E' STREET, ENCINITAS, MOND 28 APRIL 91-92 BASIS OF BEARINGS: 181 ADJACENT POINTS PER N. OF S. 14492; C&GS BY COORDINATES AS FOLLOWS PT. No. 42 11.7 1061 N 1935803.03 E 62459235.97 181 ADJACENT POINTS PER N. OF S. 11271, C&GS BY COORDINATES AS FOLLOWS PT. No. 22 N 1975626.115 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY ENGINEER	KIRK F. BRADBURY E.V.	KIRK F. BRADBURY E.V.	DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	RECOMMENDED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312 APPROVED BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	WORK PROJECT NO. CM501J	0047-SI SHEET 12 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:



PLAN: HIGHWAY 101  
SCALE: 1"=40'



PLAN: HIGHWAY 101  
SCALE: 1"=40'



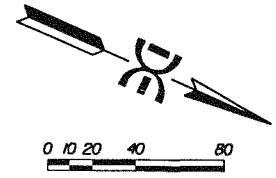
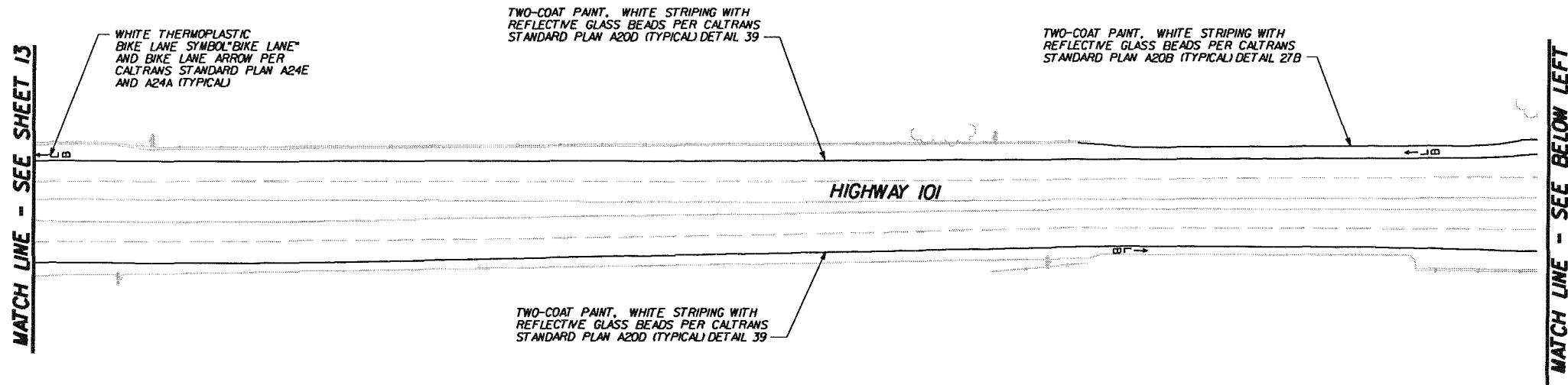
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**DOKKEN ENGINEERING**  
 3653 Chesapeake Drive, Suite 435 San Diego, CA 92123 619-594-8377

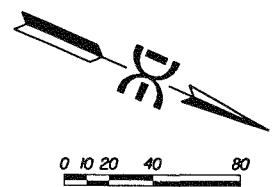
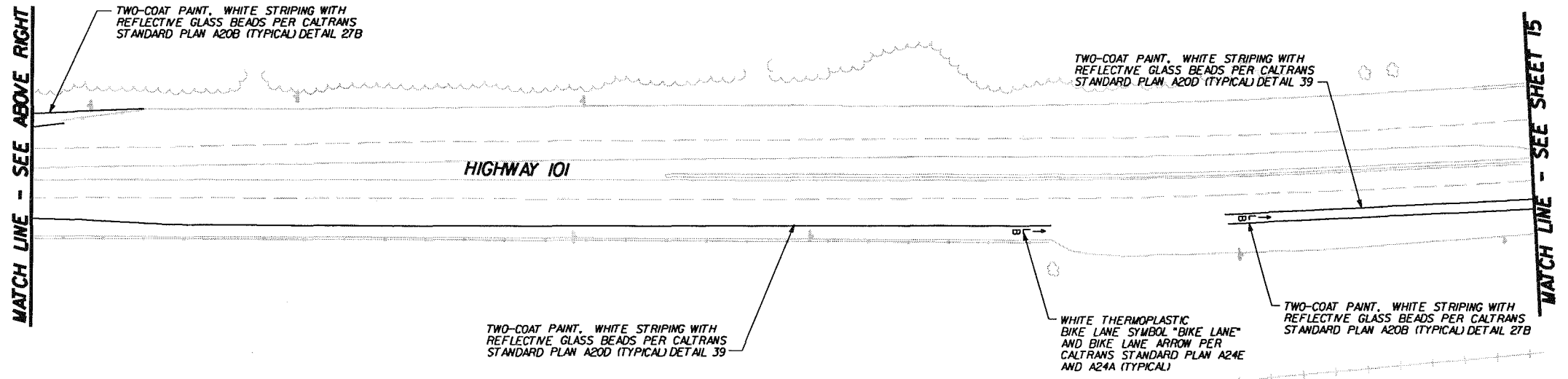


REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC 'N' RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & 1ST STREET, ENCINITAS. NAD 83 ELEV: 91.42 BASIS OF BEARINGS: 1ST ORDER POINTS PER N. DW S. 14492, C&G 83 COORDINATES AS FOLLOWS: PT. No. 62 (L.J. 1967) N 1935803.09 E 82459335.97 1ST ORDER POINTS PER N. DW S. 14492, C&G 83 COORDINATES AS FOLLOWS: P.P. No. 22 N 1935626.115 E 6237826.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY ENGINEER	KIRK F. BRADBURY EV	KIRK F. BRADBURY EV	RECOMMENDED DATE: 11/24/04 BY: LEROY BODAS DATE: 9/30/05 R.C.E. NO.: C052099 EXP. 12/31/06 R.C.E. 22312	APPROVED DATE: 12/31/06 BY: PETER COTA-ROBLETS DATE: 12/31/06 R.C.E. 52176	CITY OF ENCINITAS COASTAL RAIL TRAIL SIGNING AND STRIPING WORK PROJECT NO. CMS01J	0047-SI SHEET 13 OF 18

ENGINEER'S NAME:  
 ADDRESS:  
 PHONE NO.:



**PLAN: HIGHWAY 101**  
SCALE: 1"=40'



**PLAN: HIGHWAY 101**  
SCALE: 1"=40'

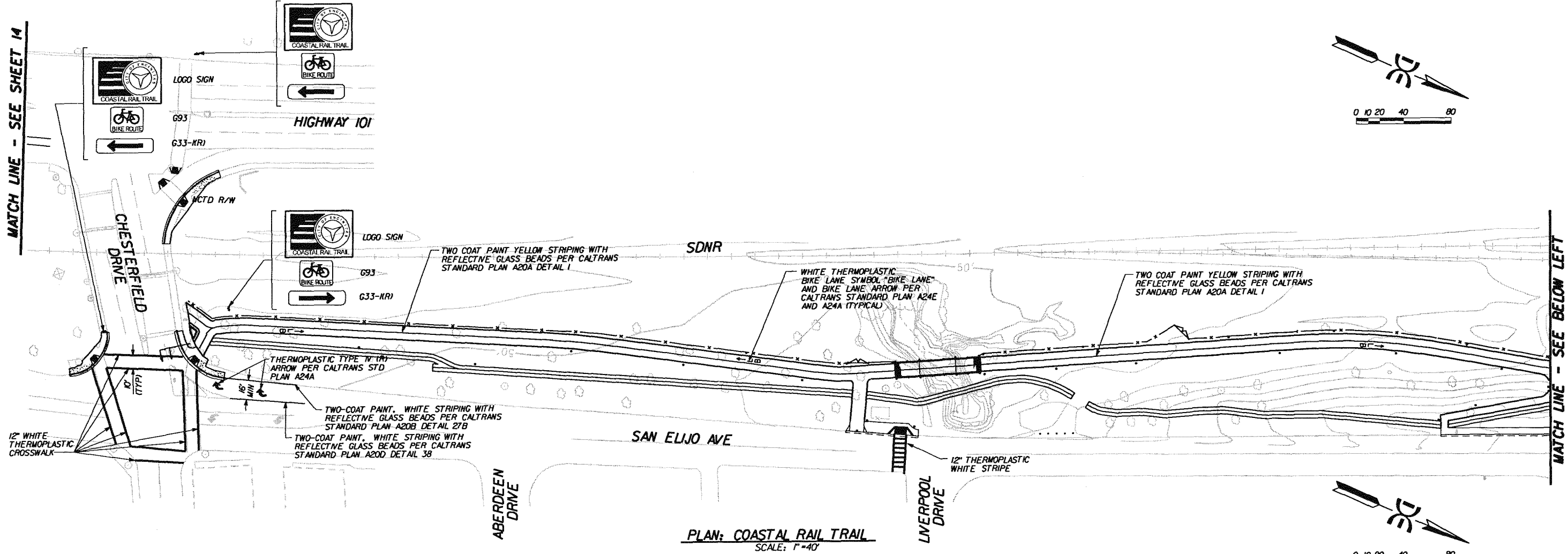
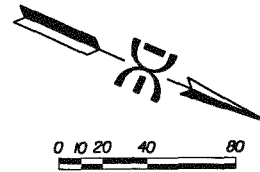
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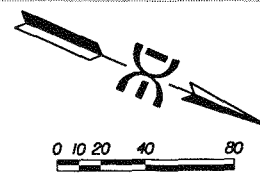
REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC "L BESEY" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & 4TH STREET, ENCINITAS, MVD AS ALVD: 91-28 BASIS OF BEARINGS: 1ST MVD POINTS PER N. OF S. 1482, RES BY COORDINATES AS FOLLOWS: PT. NO. 62 112 1061 N 1335803.03 E 62458233.97 1ST MVD POINTS PER N. OF S. 17211, RES BY COORDINATES AS FOLLOWS: PT. NO. 22 N 1975626.715 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY	KIRK F. BRADBURY	KIRK F. BRADBURY	RECOMMENDED DATE: 11/24/04 BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312	APPROVED DATE: 12/31/06 BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	<b>CITY OF ENCINITAS COASTAL RAIL TRAIL SIGNING AND STRIPING</b> WORK PROJECT NO. CMS01J	0047-SI SHEET 14 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

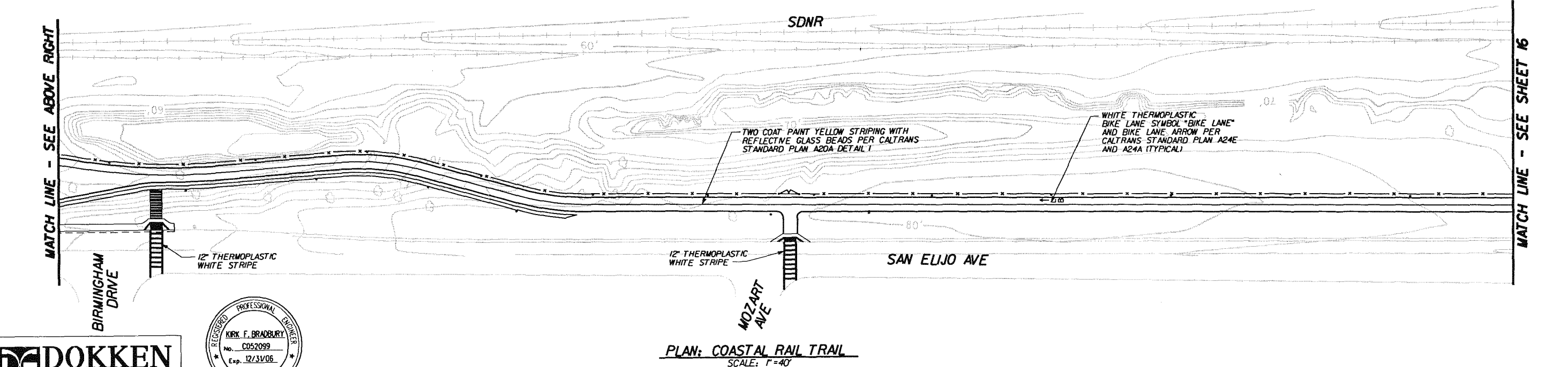
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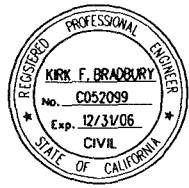
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MATCH LINE - SEE ABOVE RIGHT

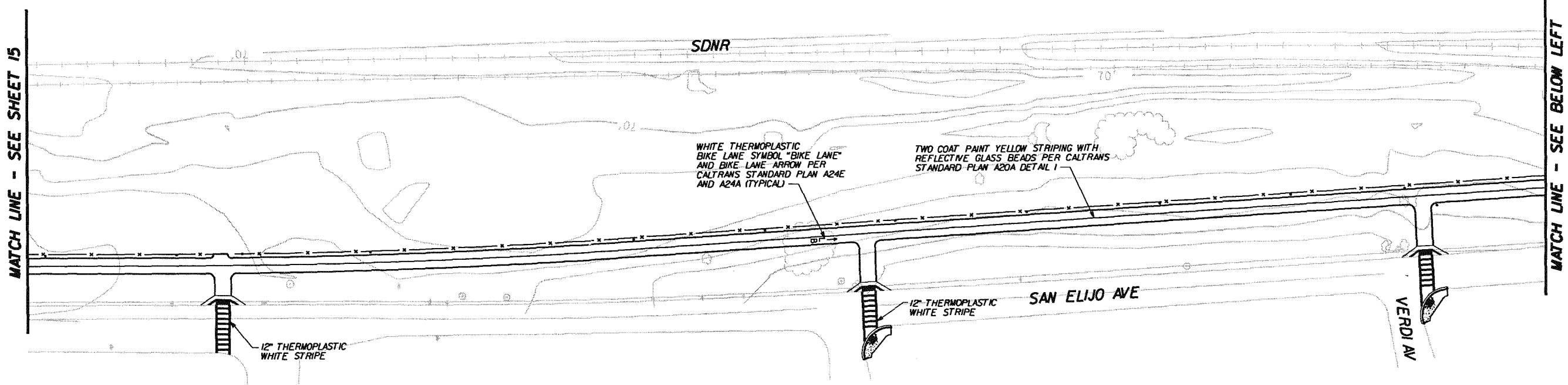
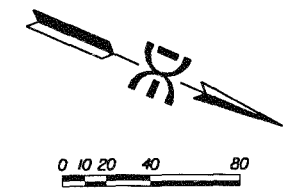


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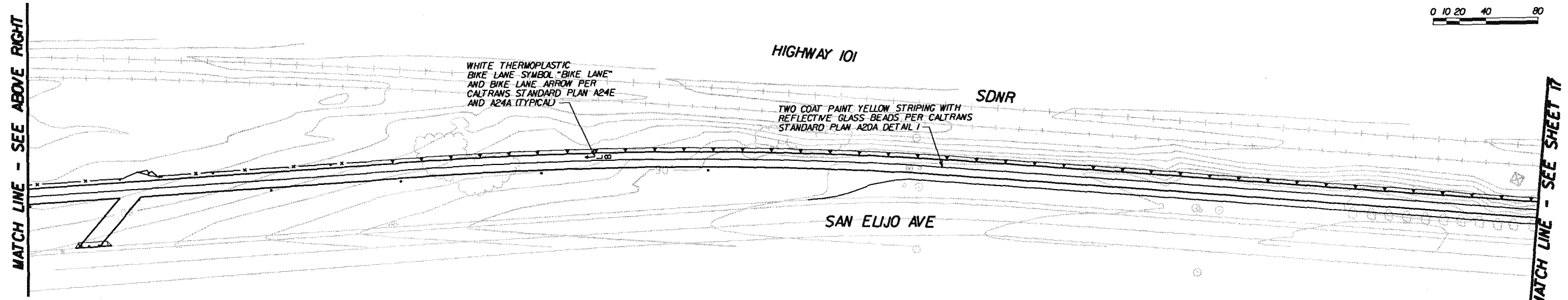
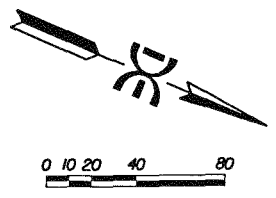


REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.
					DESCRIPTION: U.S.G.S. BRASS DISC 'A' RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & 'E' STREET - ENCINITAS - WOOD 23 (ELEV. 91.42)	HORIZONTAL 1"=40'		PLANS PREPARED UNDER SUPERVISION OF	KIRK F. BRADBURY	KIRK F. BRADBURY	RECOMMENDED	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					BASIS OF BEARINGS: 1ST ORDER POINTS PER N. OF S. 14492, DECS BY COORDINATES AS FOLLOWS	VERTICAL N/A		DATE: 11/24/04			APPROVED	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					S. 14492, DECS BY COORDINATES AS FOLLOWS			BY: LEROY BODAS			BY: PETER COTA-ROBLES	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					1ST ORDER POINTS PER N. OF S. 17271, DECS BY COORDINATES AS FOLLOWS			DATE: 9/30/05			DATE: 12/31/06	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					PT. No. 22 N 1915626.715 E 6237820.734			R.C.E. NO.: C052099			R.C.E. 52176	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
								ENGINEER			EXP. 12/31/06	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
												WORK PROJECT NO. CMS01J	SHEET 15 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:

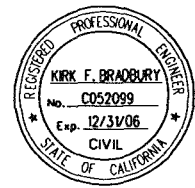


**PLAN: COASTAL RAIL TRAIL**  
SCALE: 1"=40'



**PLAN: COASTAL RAIL TRAIL**  
SCALE: 1"=40'

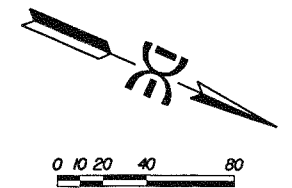
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REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.
					DESCRIPTION: U.S. G.A. & C.S. BRASS DISC 'L' RESET SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3rd STREET & 'E' STREET. COORDINATES: NAD 83 ELEV: 81.42	HORIZONTAL 1"=40'		PLANS PREPARED UNDER SUPERVISION OF			RECOMMENDED	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					DATE: 11/24/04	VERTICAL N/A		DATE: 11/24/04			APPROVED	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					DATE: 9/30/05			DATE: 9/30/05			BY: LEROY BODAS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
					DATE: 12/31/06			DATE: 12/31/06			BY: PETER COTA-ROBLES	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
								EXP. 12/31/06			R.C.E. 22312	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
											R.C.E. 52176	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	0047-SI
												WORK PROJECT NO. CMS01J	SHEET 16 OF 18

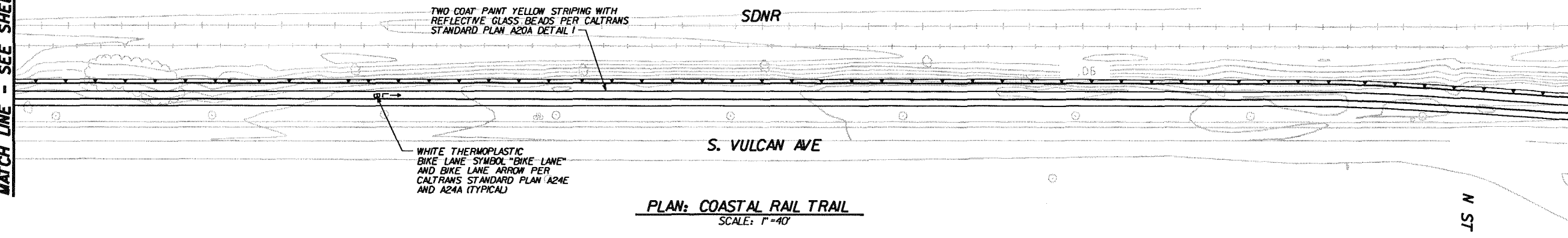
ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:





MATCH LINE - SEE SHEET 16

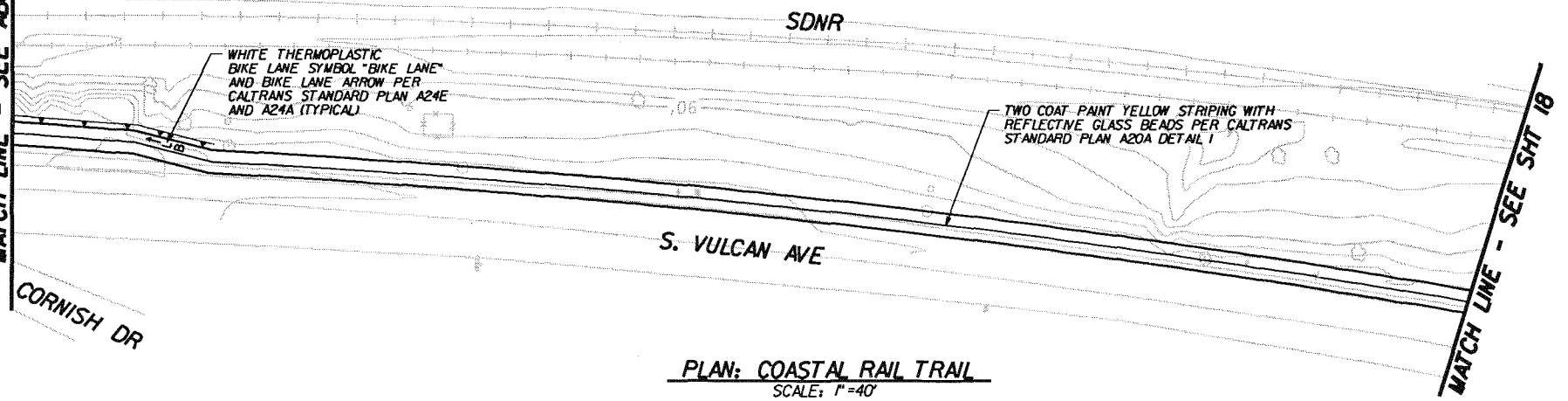
MATCH LINE - SEE BELOW LEFT



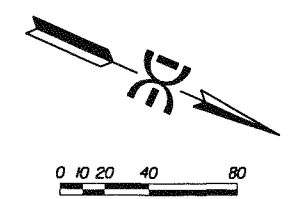
**PLAN: COASTAL RAIL TRAIL**  
SCALE: 1"=40'

MATCH LINE - SEE ABOVE RIGHT

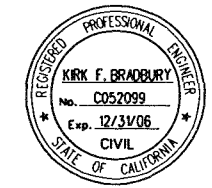
MATCH LINE - SEE SHT 18



**PLAN: COASTAL RAIL TRAIL**  
SCALE: 1"=40'

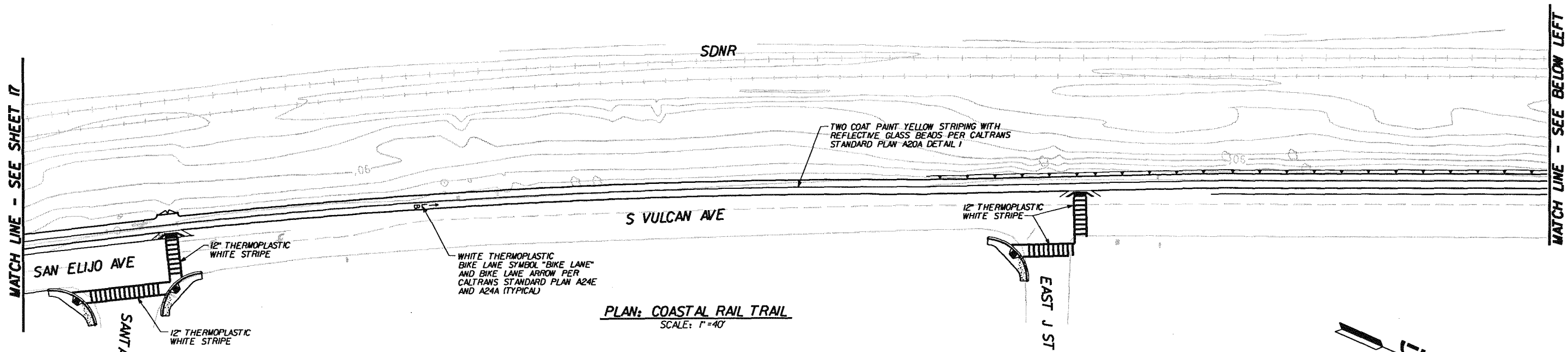
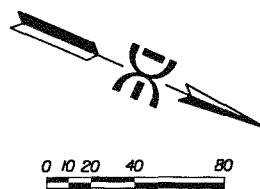


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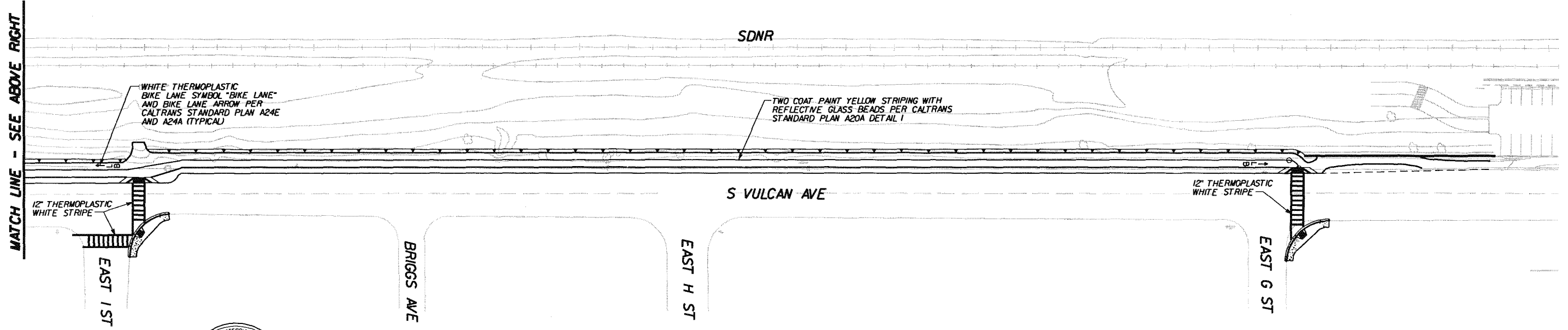
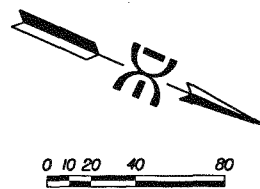


REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY E.V.	DRAWN BY E.V.	CHECKED BY KIRK F. BRADBURY	APPROVALS	CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.	
					DESCRIPTION: U.S.C. & G.S. BRASS DISC "A RESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL - SW CORNER OF 3RD STREET & 1ST STREET, ENCINITAS. NVD 89 ELEV. 91'-02" BEARS OF BEARINGS: 1ST TRIANG POINTS PER N. D. S. 14492 - EGS 83 COORDINATES AS FOLLOWS: PT. NO. 62 117 1067 N 1355803.00 E 62459239.97 1ST ORDER POINTS PER R. OF S. 17211 - EGS 83 COORDINATES AS FOLLOWS: PT. NO. 22 N 1975626.715 E 6237820.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY ENGINEER			RECOMMENDED DATE: 11/24/04 R.C.E. NO.: C052099 EXP. 12/31/06	APPROVED BY: LEROY BODAS DATE: 9/30/05 R.C.E. 22312 BY: PETER COTA-ROBLES DATE: 12/31/06 R.C.E. 52176	WORK PROJECT NO. CMS01J	0047-SI SHEET 17 OF 18

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.:



PLAN: COASTAL RAIL TRAIL  
SCALE: 1"=40'



PLAN: COASTAL RAIL TRAIL  
SCALE: 1"=40'

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REVISIONS	APPROVED	DATE	REFERENCES	DATE	BENCH MARK	SCALE	SPECIAL DISTRICT	DESIGNED BY	DRAWN BY	CHECKED BY	APPROVALS		CITY OF ENCINITAS ENGINEERING SERVICES DEPARTMENT	DRAWING NO.
					DESCRIPTION: U.S.C. & G.S. BRASS DISC "L RESET" SET IN CONCRETE BASE FOR FLAG POLE AT ENTRANCE TO ELEMENTARY SCHOOL, SE CORNER OF 3rd STREET & "E" STREET, ENCINITAS, NVD 23 ELEV: 91.42 BASIS OF BEARINGS: 1911 MICHIGAN MERIDIAN S: 4482, COS 83 COORDINATES AS FOLLOWS: PT. No. 62 (L) 1061 N 1335801.03 E 62459239.37 1911 MICHIGAN MERIDIAN, OF S: 11711, COS 83 COORDINATES AS FOLLOWS: PT. No. 22 N 1815626.715 E 6237826.734	HORIZONTAL 1"=40' VERTICAL N/A		KIRK F. BRADBURY E.V.	KIRK F. BRADBURY E.V.	KIRK F. BRADBURY E.V.	RECOMMENDED: LEROY BODAS APPROVED: PETER COTA-ROBLES		<b>CITY OF ENCINITAS COASTAL RAIL TRAIL SIGNING AND STRIPING</b> WORK PROJECT NO. CMS01J	0047-SI

ENGINEER'S NAME:  
ADDRESS:  
PHONE NO.: