

(Parent) Project Number: T21-00002

Project Name: 3710 Vista Way

Project Planner: Sergio Madera



Application Review Committee

Division Comments- **ENGINEERING**

Development Services Department

300 N. Coast Hwy, Oceanside, CA 92054 | (760) 435-4373

Project/property address and/or APN: 3710 Vista Way (APN: 165-493-47-00)

Project description: Tentative Map for proposed 20 unit detached senior housing project

☒ **1st** ☐ **2nd** ☐ **3rd** ☐ **4th** **Review**

Staff member: Edwin Medina

Phone number: (760) 435-5086

E-mail: emedina@oceansideca.org

☐ **Approved w/Conditions**

☐ **Returned for Corrections – 15 Days**

☒ **Returned for Corrections – 30 Days**

1. Provide entitlement number to plan set (T21-00002).
2. Please have the applicant sign and date the Storm Water Assessment Form.
3. Provide a preliminary title report, not more than six months old and provide on resubmittal.
4. Please provide signature to the Storm Water Quality Assessment Form and provide on resubmittal.
5. Show the full right-of-way width on Vista Way and North Way plan view and label accordingly.
6. Show the existing topography on the opposing sides of Vista Way and North Way.
7. Label the demolition of existing structures.
8. Show the existing 18-inch RCP on Vista Way and the existing 18-inch RCP on North Way on the plan set. Use attached as-built as reference.
9. Add benchmark number to benchmark description.

Division: Engineering

☒ **1st** ☐ **2nd** ☐ **3rd** ☐ **4th** **Review**

10. Add basis of bearing note. Bearings must be based upon an established monumented line of record.
11. Provide FEMA zone designation, effective firm date.
12. Update Vista Way street typical section. There is no southern sidewalk and southern R/W needs to be modified as shown in the attached reference plans.
13. Provide curb radius on Driveway “A” and on curb return for North Way and Vista Way Intersection.
14. Provide radii and arc length of all curb returns.
15. Please revise emergency access driveway to conform with SDRSD G-15.
16. Existing topography is missing fire hydrant along Vista Way.
17. Provide approximate height of retaining walls on the typical sections.
18. Minimum private street width is 28’ per Oceanside Street Design table and per Oceanside Fire Master Plan. Current private street width does not comply.
19. Project will be conditioned as part of the projects resolution. The items that follow are not required to be addressed in the entitlement phase. Replace existing damaged curb and gutter, replace existing damaged sidewalk panels, half width slurry seal on Vista Way, half width 2” grind and overlay on North Way.

Drainage Report

1. Provide more information on the existing surrounding development.
2. Add a discussion on the drainage flow path beyond street inlets and curb & gutter.
3. Explain the retaining wall drainage design.
4. Explain how rainfall intensity was calculated.
5. Minimum time of concentration is 5 minutes per San Diego County Hydrology Manual. Please revise calculations.
6. Do not use pre-development “C” value. Use “C” value for the existing development.
7. Provide detention and storage calculations.

8. Existing drainage patterns has been altered significantly. Provide curb inlet capacity calculations for curb inlet “B” and hydraulic capacity for the existing RCP storm drain.
9. Provide a professional opinion of the post development runoff effects on the downstream infrastructure.
10. Provide a table summarizing the pre and post development onsite drainage in the conclusion
11. Change the watershed area from square foot to acres in the drainage area map.
12. Show flow lengths on the drainage map.
13. Remove the parking space numbers in the post-development map drainage map.
14. Provide a soil map with source/reference used.
15. Provide isopluvial charts used to determine peak flows showing project location.

Any questions please contact me.

VISTA WAY WIDENING PHASE II

561-77-7600

GENERAL NOTES

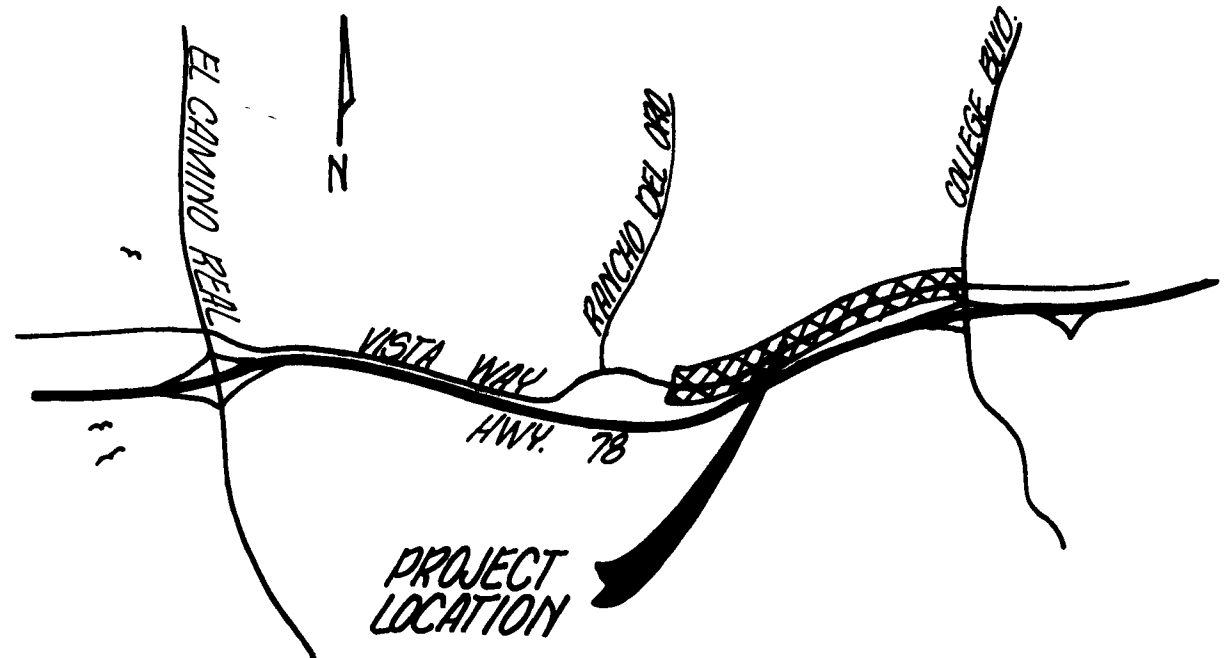
- EXCEPT WHERE MODIFIED BY THE SPECIAL PROVISIONS, ALL WORK SHALL CONFORM TO PARTS 2 AND 3 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" (A.P.W.A. STANDARDS), 1991 EDITION WITH SUPPLEMENTS, THE SAN DIEGO REGIONAL STANDARD DRAWINGS, AND THE CITY OF OCEANSIDE DESIGN CRITERIA AND STANDARD DRAWINGS.
- ALL OPERATIONS CONDUCTED ON THE PREMISES INCLUDING WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, OR EARTHMOVING EQUIPMENT, SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00 A.M. AND 3:30 P.M. EACH DAY, MONDAY THROUGH FRIDAY, AND NO EARTHMOVING OR GRADING OPERATIONS SHALL BE CONDUCTED ON THE PREMISES ON SATURDAYS, SUNDAYS OR LEGAL HOLIDAYS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF OCEANSIDE ENGINEERING DEPARTMENT 48 HOURS PRIOR TO STARTING WORK SO THAT INSPECTION MAY BE PROVIDED. THE TELEPHONE NUMBER IS (619) 966-4750.
- ALL EXISTING IMPROVEMENTS INCLUDING CURB & GUTTERS, SIDEWALKS, ASPHALT CONCRETE OR P.C.C. PAVING WHICH ARE BEING JOINED OR MATCHED IN CONNECTION WITH THIS PROJECT, SHALL BE JOINED OR MATCHED IN A MANNER SATISFACTORY TO THE ENGINEER INCLUDING NECESSARY SAWCUTTING, REMOVAL, REPLACEMENT, AND CAPPING.
- THE CONTRACTOR SHALL PROVIDE SAFE VEHICULAR AND PEDESTRIAN ACCESS PER SECTION 7-10 OF THE STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED IN THE SPECIFICATIONS.
- THE CONTRACTOR SHALL DETERMINE THE LOCATIONS OF ALL UNDERGROUND UTILITIES IN THE PROJECT VICINITY PRIOR TO CONSTRUCTION.
- CONTACTOR SHALL PROTECT ALL EXISTING UTILITIES AND IMPROVEMENTS.
- ALL FILLS SHALL BE COMPACTED TO 90% RELATIVE COMPACTION. THE TOP 12" OF SUB GRADE MATERIAL BENEATH PCC, AC OR CL II AB SHALL BE COMPACTED TO 95% RELATIVE COMPACTION.
- ALL BID QUANTITIES ARE ESTIMATES. PAYMENTS WILL BE MADE FOR THE ACTUAL AMOUNTS USED.
- ALL P.C.C. AND A.C. TO BE REMOVED SHALL BE SAW-CUT.
- CLASS-2 AGGREGATE BASE (CL-2-AB) SHALL CONFORM TO SECTION 26-1.02B OF THE CALTRANS STANDARD SPECIFICATIONS DATED JAN. 1988.
- ASPHALT CONCRETE (A.C.) SHALL CONFORM TO SECTION 302-5 AND SECTION 400-4 OF THE STANDARD SPECIFICATIONS. AC FOR FINISH COURSE SHALL BE 1-C1-AR-4000.
- THE CONTRACTOR SHALL NOTIFY THE UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA, TWO WORKING DAYS PRIOR TO STARTING WORK, AND SHALL COORDINATE HIS WORK WITH UTILITY COMPANY REPRESENTATIVES. FOR LOCATION OF ELECTRIC CABLE, GAS PIPING, CABLES, AND APPURTENANCES, CONTACT U.S.A.: TOLL FREE 1-800-422-4133.
- NEITHER THE OWNER NOR THE ENGINEER OF WORK WILL ENFORCE SAFETY MEASURES OR REGULATIONS. THE CONTRACTOR SHALL DESIGN, CONSTRUCT AND MAINTAIN ALL SAFETY DEVICES, INCLUDING SHORING, AND SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO ALL LOCAL, STATE, AND FEDERAL SAFETY AND HEALTH STANDARDS, LAWS AND REGULATIONS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN EXCAVATION PERMIT FROM THE DIVISION OF INDUSTRIAL SAFETY AND ADHERE TO ALL PROVISIONS OF THE STATE CONSTRUCTION SAFETY ORDERS.
- THE EXISTENCE AND LOCATION OF WATER, SEWER AND STORM DRAIN FACILITIES SHOWN ON THE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE CITY RECORDS. TO THE BEST OF OUR KNOWLEDGE, EXISTING FACILITIES ARE AS SHOWN ON THE PLANS. THE CITY OF OCEANSIDE SHALL NOT BE HELD RESPONSIBLE FOR ANY ERROR IN THE LOCATION AND ELEVATION OF THE EXISTING FACILITIES.
- LOCATION AND ELEVATION OF EXISTING WATER, SEWER AND STORM DRAIN FACILITIES SHALL BE CONFIRMED BY FIELD MEASUREMENTS AND EXCAVATION EXPLORATION BY THE CONTRACTOR.
- NO REVISION SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE ENGINEER.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL SIGNS, LIGHTS, BARRICADES, FLASHING ARROW BOARDS AND ANY OTHER

- TRAFFIC CONTROL OR WARNING DEVICES, INCLUDING FLAGMEN, AS MAY BE REQUIRED BY THE CITY ENGINEER, TRAFFIC CONTROL SHALL FOLLOW STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION (CALTRANS). "MANUAL OF TRAFFIC CONTROLS FOR CONSTRUCTION AND MAINTENANCE WORK ZONES," 1990.
- NO WORK SHALL BE DONE ON ADJACENT PROPERTIES WITHOUT FIRST OBTAINING WRITTEN PERMISSION FROM THE OWNERS OF THE ADJACENT PROPERTIES, AND SUBMITTING A COPY THEREOF TO CITY ENGINEER OR PROJECT MANAGER.
- WORK, ONCE BEGUN, SHALL BE EXECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND THE TRAVELING PUBLIC.
- CONSTRUCTION OF EXPANSION JOINTS IN CURB AND GUTTER AT RETURNS AND AT DRIVEWAY INTERSECTIONS IS REQUIRED PER G-9 AND G-10 (S.D.R.S.D.).
- CUT AND FILL SLOPES SHALL BE TRIMMED TO THE FINISH GRADE TO PRODUCE A SMOOTH AND UNIFORM SURFACE OF CROSS-SECTION. THE SLOPES OF EXCAVATIONS OR EMBANKMENTS SHALL BE SHAPED AND TRIMMED AS DIRECTED BY THE ENGINEER. FINISH SLOPES SHALL BE LEFT IN A NEAT AND ORDERLY CONDITION. ALL STONES, ROOTS OR OTHER WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF.
- GRADES SHOWN ARE FINISH GRADES, CONTRACTOR SHALL DETERMINE NECESSARY SUB-GRADE ELEVATIONS AND SHALL CONSTRUCT SMOOTH TRANSITION BETWEEN FINISH GRADES SHOWN.
- WATER WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITIONS OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" WITH SUPPLEMENTS (A.P.W.A. SPECIFICATIONS), THE SAN DIEGO COUNTY REGIONAL STANDARD DRAWINGS, AND CITY OF OCEANSIDE ENGINEERS MANUAL.
- WATER MAINS SHALL BE CLASS 50 DUCTILE IRON PIPE (MINIMUM UNLESS OTHERWISE SPECIFIED) AND SHALL BE CONSTRUCTED WITH TOP OF PIPE 36" BELOW FINISH GRADE EXCEPT WHERE INDICATED OTHERWISE WITH SPECIFIC ELEVATIONS AND APPROVED BY THE WATER UTILITIES DIRECTOR.
- NO DISRUPTION OF EXISTING WATER SERVICES WHILE MAKING CONNECTION TO EXISTING MAINS SHALL BE ALLOWED WITHOUT THE SPECIFIC APPROVAL FROM THE CITY OF OCEANSIDE CITY ENGINEERING DEPARTMENT.
- BOLTS ON ALL FLANGE FITTINGS SHALL BE CADMIUM PLATED AND SHALL HAVE NON-OXIDE PROTECTIVE COATING APPLIED TO THE THREADS BEFORE INSTALLATION.
- PIPE BEDDING AND TRENCH BACKFILL SHALL CONFORM TO CITY OF OCEANSIDE DRAWING M-3A. THE PIPE SHALL BE LAID ON 4 INCH MINIMUM SAND BED OR NATIVE MATERIALS WITH SAND EQUIVLENT OF 60 OR MORE. THE BACKFILL MATERIAL FOR THE PIPE ZONE SHALL BE SAND OR NATIVE MATERIAL FREE FROM STONES, CLOUDS AND OTHER DELETERIOUS MATERIALS. ALL FITTINGS SHALL BE ENCASED WITH 6" OF NEUTRAL SAND.
- PIPE DEFLECTIONS FOR SHORT RADIUS CURVES AND ANGLE POINTS SHALL NORMALLY BE ACCOMPLISHED BY MEANS OF STANDARD FITTINGS, THE LOCATIONS OF WHICH SHALL BE DETAILED ON THE PLANS.
- ALL NEW WATER LINES WILL BE DISINFECTED WITH A MINIMUM OF 25 PARTS PER MILLION OF CHLORINE. THE CHLORINATED LINE WILL BE ALLOWED TO SET FOR A 24 HOUR PERIOD AT WHICH TIME THERE MUST BE A MINIMUM OF 10 PARTS PER MILLION CHLORINE RESIDUAL. IF THIS RESIDUAL IS NOT MET, THE LINE WILL BE FLUSHED WITH POTABLE WATER AND RECHLORINATED TO A MINIMUM OF 25 PARTS PER MILLION. IT WILL AGAIN SIT FOR 24 HOURS AND THE MINIMUM OF 10 PARTS PER MILLION CHLORINE RESIDUAL MUST BE ACHIEVED. ONCE THIS TEST IS PASSED, THE LINE WILL BE FLUSHED WITH POTABLE WATER UNTIL THE HEAVY CONCENTRATION OF CHLORINE IS REMOVED FROM THE LINES. THE LINES FILLED WITH POTABLE WATER WILL SIT FOR A MINIMUM OF FOUR HOURS AFTER WHICH A SAMPLE OF WATER WILL BE TAKEN FOR BACTERIA TESTING PURPOSES. THE SAMPLE WILL BE TAKEN BY A REPRESENTATIVE OF THE CITY ENGINEERING DEPARTMENT AND

- DELIVERED TO THE CITY'S LABORATORY. THE RESULTS OF THE E COLI BACTERIA TEST WILL BE KNOWN AFTER 48 HOURS. THE COSTS FOR THE BACTERIA ANALYSIS WILL BE BILLED TO THE CONTRACTOR THAT INSTALLED THE WATERLINE. AT NO TIME WILL A LINE THAT HAS NOT BEEN TESTED AND FOUND FREE OF CONTAMINATION BE CONNECTED TO THE CITY'S WATER SYSTEM. THE PRACTICE OF TESTING AGAINST A VALVE TIED TO THE CITY'S SYSTEM IS NOT AUTHORIZED IN THE CITY OF OCEANSIDE. ALL WATER USED FOR TESTING AND FLUSHING MUST BE METERED AND THE CONTRACTOR WILL BE CHARGED FOR THE WATER AT THE PREVAILING RATE. CHLORINATED WATER FLUSHED FROM THE WATERLINE SHALL BE DISPOSED OF BY A METHOD APPROVED BY THE ENGINEER.
- NO HAULING OF CONSTRUCTION MATERIALS SHALL TAKE PLACE UNTIL AN APPROVED HAUL ROUTE PLAN HAS BEEN SUBMITTED TO AND APPROVED BY THE CITY ENGINEER.
- CENTERLINE MONUMENTS SHALL BE INSTALLED AT THE EC AND BC OF ALL CURVES, AT THE CENTERLINE INTERSECTION OF ALL STREETS WHERE MANHOLES ALLOW, AT THE RADIUS POINT OF CONCENTRIC CUL-DE-SACS, AND AT THE ANGLE POINT OF OFFSET CUL-DE-SACS, PER S.D.R.S.D. M-10 AND M-11.
- PATCHING OF SIDEWALK IS NOT PERMITTED.
- DAMAGED, GOUGED, BROKEN, OR GRAFTITI-MARKED SECTIONS, OF CURB, GUTTER OR SIDEWALK SHALL BE REMOVED AND REPLACED, AT THE CONTRACTOR'S EXPENSE.
- A MINIMUM REPLACEMENT SECTION TO BE AT LEAST EQUAL TO SCORE MARK TO SCORE MARK (TYPICALLY 5' x 5'). FOR SIDEWALKS EXCEEDING 5' WIDTH, REPLACEMENT IS TO BE FULL WIDTH SQUARED TO THE NEXT SCORE MARK.
- NO DISRUPTION TO EXISTING WATER DISTRIBUTION MAINS WILL BE ALLOWED ON MONDAYS OR FRIDAYS. ALL SHUTDOWNS FOR SYSTEM TIE-INS WILL BE SCHEDULED BETWEEN TUESDAY, WEDNESDAY AND THURSDAY, AND WILL BE CONFINED TO NORMAL WORKING HOURS.
- ALL MANHOLES ARE TO BE COATED INSIDE WITH SANCON 100.
- ALL MANHOLE COVERS FOR PRIVATE SEWER SYSTEMS SHALL BE MANUFACTURED WITH "PRIVATE SEWER" STAMPED ON THE TOP OF THE LID. CONVERSELY, "CITY OF OCEANSIDE" SHALL BE STAMPED ON MANHOLE COVERS WHICH BELONG IN THE PUBLIC SYSTEM.
- ALL EXISTING MAIN-LINE VALVES SHALL BE MAINTAINED SO AS TO BE ASSESSABLE DURING CONSTRUCTION.
- THE CONTRACTOR SHALL NOT OPERATE ANY EXISTING WATER VALVES. WATER VALVES WILL BE OPERATED BY THE CITY OF OCEANSIDE'S WATER UTILITIES DEPARTMENT.
- THE CONTRACTOR SHALL NOTIFY ALL BUSINESSES AND RESIDENTS IN THE PROJECT AREA, IN WRITING, OF HIS PROPOSED SCHEDULING FOR ANY PORTIONS OF THE CONSTRUCTION OF WATER IMPROVEMENTS A MINIMUM OF SEVEN (7) DAYS PRIOR TO THE START OF CONSTRUCTION. THE NOTIFICATION SHALL INCLUDE THE NAME AND TELEPHONE NUMBER OF THE CONTRACTOR'S REPRESENTATIVE TO BE CONTACTED.
- BRUSH AND TREES SHALL BE REMOVED ONLY WITHIN THE AREA TO BE GRADED. WHEN TREES ARE REMOVED, THE ROOT SYSTEM SHALL ALSO BE REMOVED AND THE RESULTING EXCAVATION FILLED WITH PROPERLY COMPACTED FILL SOILS.
- CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL IN ALL LOCATIONS DISTURBED BY GRADING OPERATIONS FROM OCTOBER 15TH THROUGH APRIL 15TH. ALL EROSION CONTROL SHALL BE INSTALLED AS SHOWN ON AN EROSION CONTROL PLAN COMPLETED AND SUBMITTED BY THE CONTRACTOR IN ACCORDANCE WITH CITY REQUIREMENTS.

SHEET INDEX

NO.	DESCRIPTION
1	COVER, VICINITY MAP, INDEX, GENERAL NOTES
2	CONSTRUCTION NOTES, SYMBOLS, LEGEND, AND DETAILS
3	CROSS SECTIONS
4	GRADING AND IMPROVEMENT PLAN: 173+75.00 TO 176+00.00
5	GRADING AND IMPROVEMENT PLAN: 186+00.00 TO 199+00.00
6	GRADING AND IMPROVEMENT PLAN: 199+00.00 TO 205+75.00
7	GRADING AND IMPROVEMENT PLAN: BUENA HILLS DR. AND NORTH WAY.
8	GRADING AND IMPROVEMENT PLAN: LILE DRIVE AND PRINCETON DR.
9	WATER LINE @ VISTA WAY AND COLLEGE BLVD.
10	STORM DRAIN PROFILES AND DETAILS
11	CRIBWALL PROFILES
12	CRIBWALL DETAILS
13	IRRIGATION PLAN
14	CRIBWALL IRRIGATION PLAN
15	IRRIGATION DETAILS, NOTES, LEGEND
16	LANDSCAPE PLANS
17	LANDSCAPE DETAILS, NOTES AND QUANTITIES
18	STREET LIGHT PLAN
19	STRIPING PLAN
20	SIGNAL PLAN
21	PARK AND RIDE PARKING LOT



VICINITY MAP
NOT TO SCALE

APPROVED CHANGES			
No	Description	Approved By	Date

PLANS REVIEWED AND APPROVED BY TRAFFIC SECTION, ENGINEERING DEPT.	APPROVED BY WATER UTILITIES DEPT.
<i>Barry Costa</i> 5-15-96 DATE	<i>Barry Martin</i> 5-15-96 DATE

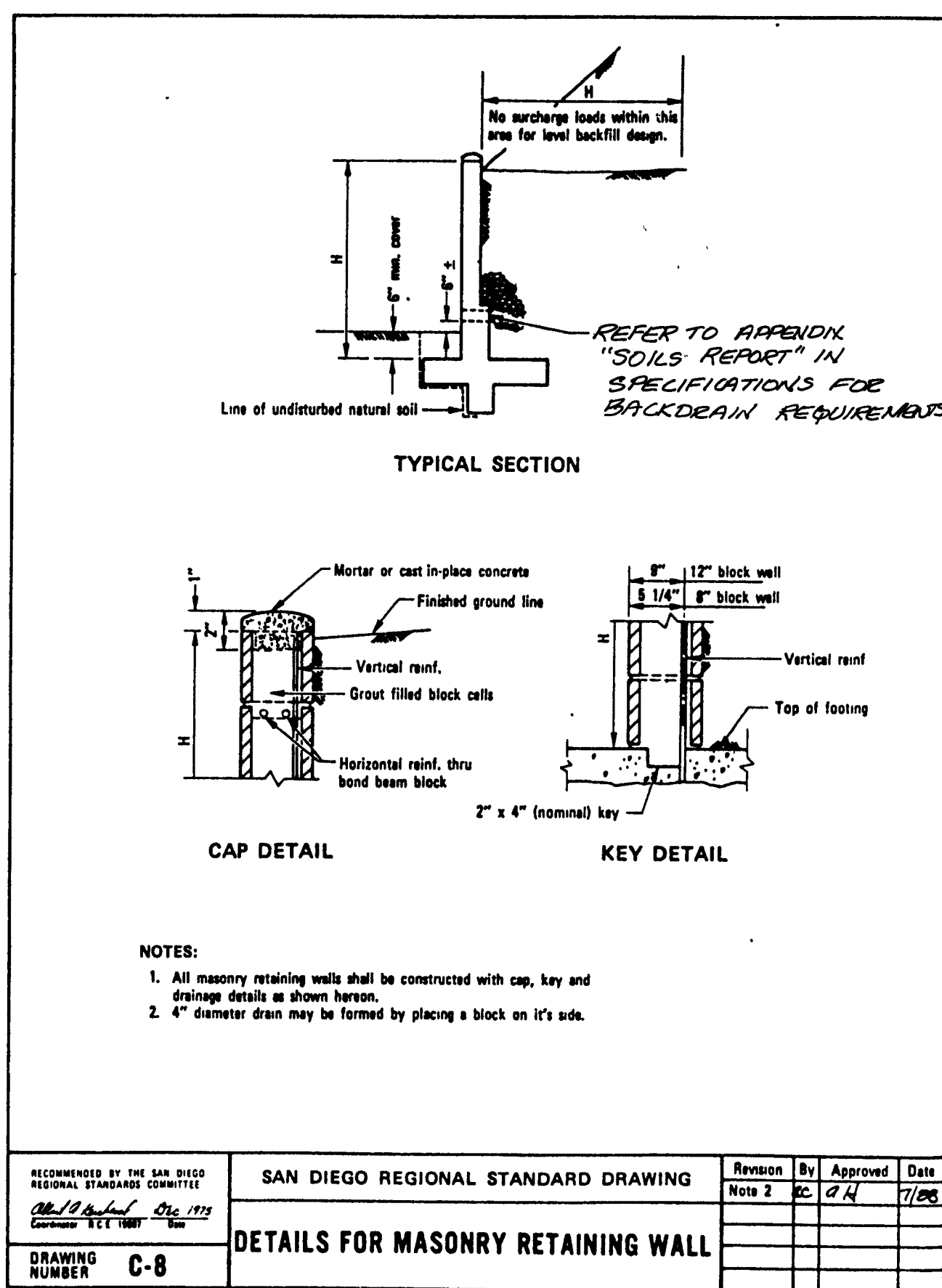
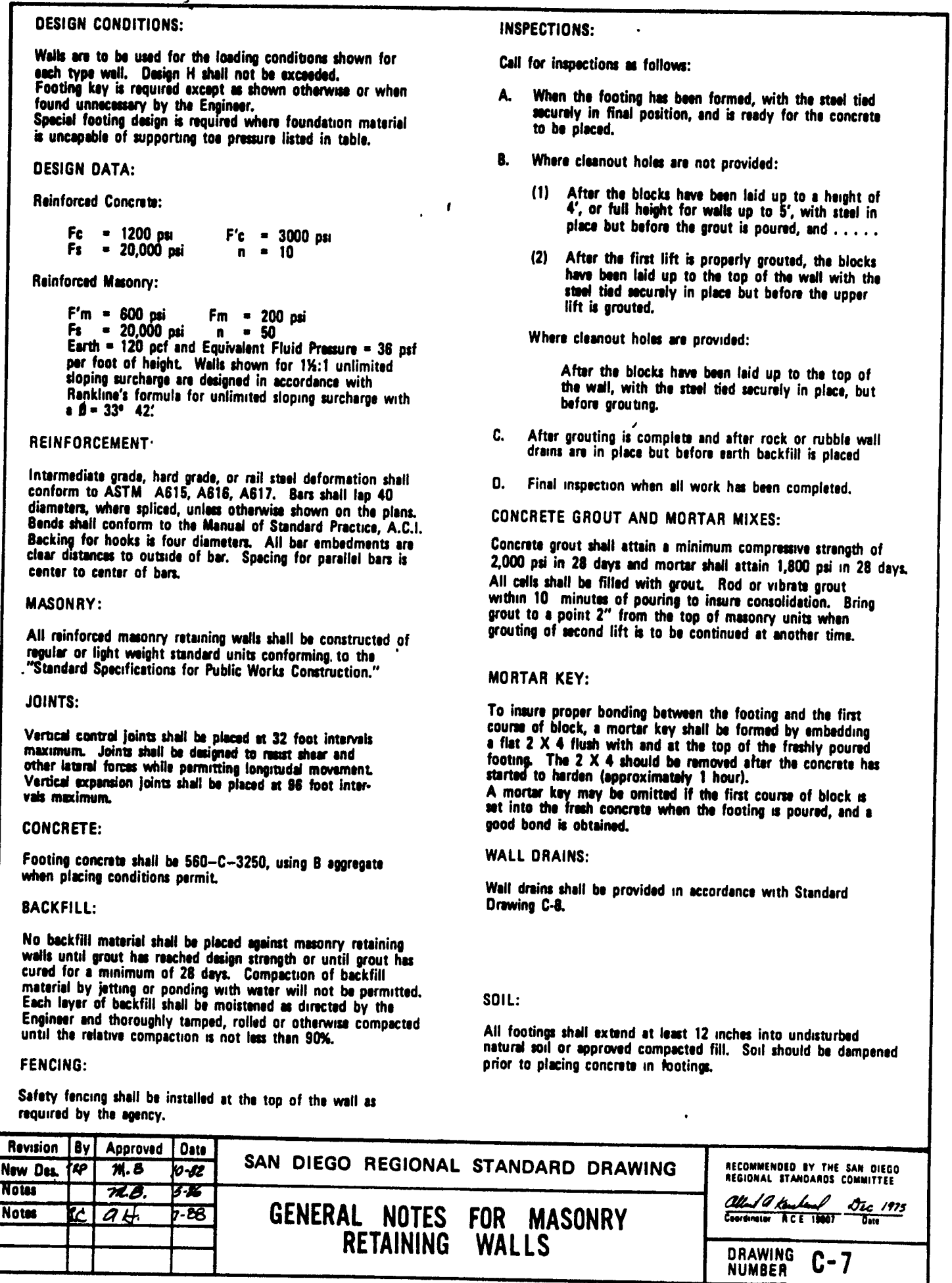
BENCH MARK

Description: SET BRASS DISC STAMPED "C.O.S.
BM 5-24 IN TOP OF M.D.
LOCATION: NORTH CURB, BETWEEN 4TH AND 5TH STS.
OF CATCH BASIN AT VISTA WAY BUENA HILLS DR.

Record From: CITY CLERK
Elev: 200.644 Datum: M.S.L.

SHEET 1	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	21 SHEETS
VISTA WAY WIDENING PHASE II (RANCHO DEL ORD ROAD TO COLLEGE BLVD)		
Approved <i>Peter A. Weiss</i> RCE 49161 City Engineer		
ENGINEER OF WORK CITY DESIGN R.C.E.	Checked by <i>P.A.</i> Approval date R-10345	

- 1 DEMOLISH AND REMOVE EXISTING CONFLICTING ASPHALT PAVEMENT, CURB & GUTTER AND SIDEWALK NEEDED FOR CONSTRUCTION OF NEW ROADWAY.
- 2 REMOVE CONFLICTING PORTIONS OF CALTRANS CHAINLINK FENCE. INSTALL TEMPORARY FENCE OUTSIDE OF CONSTRUCTION LIMITS. RELOCATE CHAINLINK FENCE ALONG RIGHT-OF-WAY LIMITS AFTER PROJECT COMPLETION.
- 3 ADJUST MANHOLES TO GRADE.
- 4 ADJUST WATER VALVES TO GRADE.
- 5 REMOVE EXISTING STORM DRAIN INLETS AND PIPE.
- 6 RELOCATE EXISTING STREET LIGHT (SEE LIGHTING PLANS).
- 7 REMOVE EXISTING BLOCK AND K-RAIL SOUND WALL.
- 8 RELOCATE EXISTING FIRE HYDRANT PER CITY W-2.
- 9 INSTALL SDRSD D-25 UNDER SIDEWALK DRAIN.
- 10 INSTALL SDRSD G-2 CURB AND GUTTER.
- 11 INSTALL SDRSD G-7 5' WIDE 4" THICK SIDEWALK.
- 12 INSTALL SDRSD M-7 GUARD RAIL.
- 13 RELOCATED FIRE HYDRANT LOCATION.
- 14 INSTALL SDRSD M-9 BARRICADE.
- 15 INSTALL SDRSD D-75 BROW DITCH TYPE 'A'.
- 16 REMOVE TOP OF TYPE 'B' INLET. RECONSTRUCT TO TYPE 'A' CLEANOUT AND RAISE TO GRADE.
- 17 REMOVE EXISTING BUS STOP SHELTER (TURN OVER TO CITY).
- 18 INSTALL NEW STORM DRAIN LINE A (SEE SHEET 10).
- 19 INSTALL NEW STORM DRAIN LINE B (SEE SHEET 10).
- 20 INSTALL NEW STORM DRAIN LINE C (SEE SHEET 10).
- 21 INSTALL NEW STORM DRAIN LINE D (SEE SHEET 10).
- 22 INSTALL NEW STORM DRAIN LINE E (SEE SHEET 10).
- 23 REMOVE CONFLICTING PORTION OF 4" PVC AREA DRAIN LINE, MODIFY AND INSTALL SDRSD D-27 UNDER SIDEWALK DRAIN.
- 24 REMOVE AND RECONSTRUCT CONFLICTING PORTION OF EXISTING SPLITFACE SOUND WALL NEEDED FOR CONSTRUCTION OF CRIBWALL.
- 25 REMOVE AND RELOCATE EXISTING 18" DIP WATERMAIN (SEE SHEET 9 PLANS).
- 26 DEMO, REMOVE, AND REPLACE EXISTING PARK AND RIDE LOT (SEE SHEET 8 PLANS).
- 27 PROTECT EXISTING FENCE IN PLACE.
- 28 CUT SLOPE 2:1 MAX.
- 29 FILL SLOPE 2:1 MAX.
- 30 INSTALL TEMPORARY CONSTRUCTION K-RAIL ALONG EDGE SR-78 DURING GRADING OPERATIONS.
- 31 REMOVE EXISTING METAL GUARD RAIL AND POSTS (TURN OVER TO CITY).
- 32 EXISTING SIGN AND LANDSCAPING TO BE RELOCATED AS DIRECTED BY PROJECT MANAGER.
- 33 INSTALL NEW 16' SDRSD G-14 DRIVEWAY.

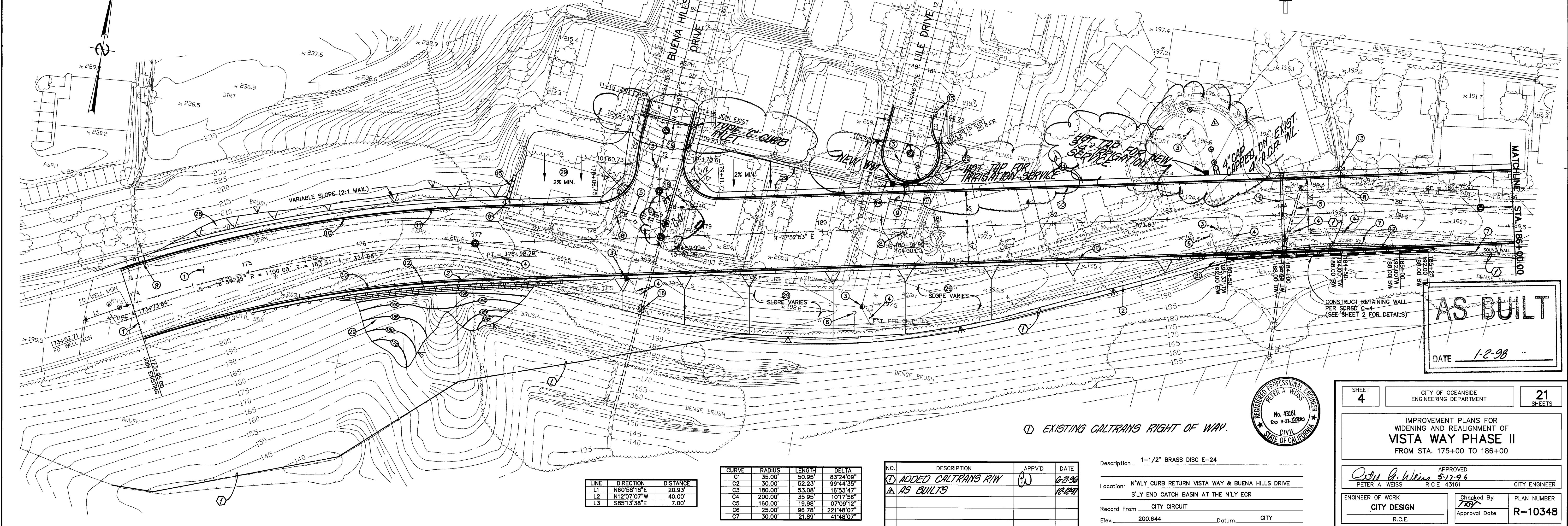
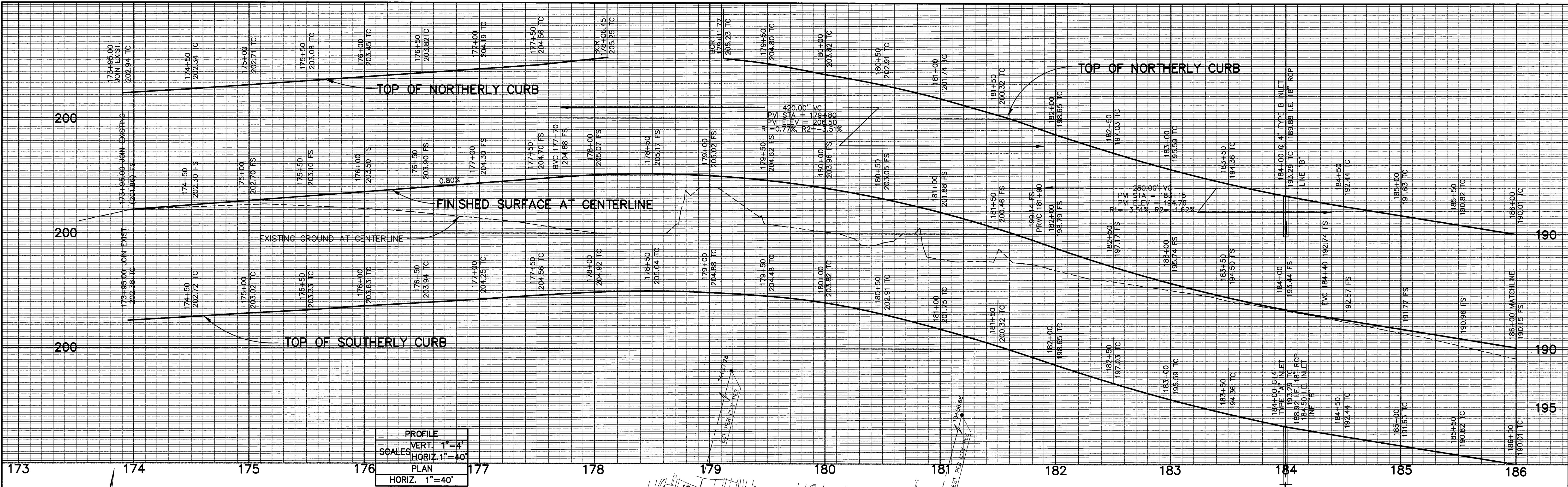


APPROVED CHANGES			
No.	Description	Approved By	Date
△	ADDED RETAINING WALL SYMBOL	(Signature)	7/10/94

BENCH MARK
Description: _____
Location: _____
Record From: _____
Elev: _____ Datum: _____

SHEET 2	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	21 SHEETS
<i>VISTA WAY WIDENING PHASE II</i> <i>(RANCHO DEL ORO ROAD TO COLLEGE BLVD.)</i>		
<i>City of Vista</i> Approved <i>PETER A. WEISS</i> 5-17-96 <i>RCE 43101</i> City Engineer		
ENGINEER OF WORK <i>CITY DESIGN</i> R.C.E.	Checked by <i>TS</i> Approval date	<i>R-10346</i>

PLAN HOLD CORPORATION • IRVINE CALIFORNIA	PLAN HOLD CORPORATION • IRVINE CALIFORNIA	PLAN HOLD CORPORATION • IRVINE CALIFORNIA	PLAN HOLD CORPORATION • IRVINE CALIFORNIA
REPORT BY NUMBER 07540	REPORT BY NUMBER 07540	REPORT BY NUMBER 07540	REPORT BY NUMBER 07540



AS BUILT
DATE 1-2-98



SHEET 4	CITY OF OCEANSIDE ENGINEERING DEPARTMENT	21 SHEETS
IMPROVEMENT PLANS FOR WIDENING AND REALIGNMENT OF VISTA WAY PHASE II FROM STA. 175+00 TO 186+00		
APPROVED Peter A. Weiss 5-17-96 PETER A. WEISS R.C.E. 43161 CITY ENGINEER		
ENGINEER OF WORK CITY DESIGN R.C.E.	Checked By: 1007 Approval Date	PLAN NUMBER R-10348

NO.	DESCRIPTION	APP'D	DATE
1	ADDED CALTRANS R/W	1007	6-2-96
2	AS BUILT		12-2-97

CURVE	RADIUS	LENGTH	DELTA
C1	35.00'	50.95'	83°24'09"
C2	30.00'	52.23'	99°44'35"
C3	180.00'	63.08'	16°33'47"
C4	200.00'	35.95'	101°17'56"
C5	160.00'	19.98'	07°09'12"
C6	25.00'	96.78'	221°48'07"
C7	30.00'	21.89'	41°48'07"

Description	1-1/2" BRASS DISC E-24
Location	N'LY CURB RETURN VISTA WAY & BUENA HILLS DRIVE S'LY END CATCH BASIN AT THE N'LY ECR
Record From	CITY CIRCUIT
Elev.	200.644
Datum	CITY

