

DIRECTOR OF PUBLIC WORKS

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

0455

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 950604070 (831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

AGENDA: MAY 21,2002

May 9,2002

SANTA CRUZ COUNTY BOARD OF SUPERVISORS 701 Ocean Street Santa Cruz, CA 95060

SUBJECT: 30TH, 32ND, AND 33RD AVENUE STORM DRAIN, SANITARY SEWER

AND SIDEWALK IMPROVEMENTS

CONTRACT NUMBER 2104,

PUBLIC WORKS JOB NUMBERS 66030,53881, AND 40244

NOTICE OF COMPLETION

Members of the Board:

The subject project was completed on February 5,2002. The contractor was Reber Construction Company.

The original bid price was \$1,463,201.72. Total construction cost is \$1,604,309.48. The increase in the contract cost was due in part to the Coastal Commission's review and redesign of the storm water interceptors and subsequent redesign of the drainage systems. A summary of final costs is attached for your information.

It is therefore recommended that the Board of Supervisors take the following action:

- 1. Accept the improvements and approve the final cost.
- 2. Authorize the Clerk of the Board to file the Notice of Completion, a copy of which is attached.

3. Direct the County Recorder to return the original Notice of Completion to the Clerk of the Board.

Yours truly,

THOMAS L. BOLICH
Director of Public Works

DK:abc

Attachments

RECOMMENDED FOR APPROVAL:

County Administrative Officer

copy to: Recorder's Office

Public Works

WHEN RECORDED MAIL TO: COUNTY OF SANTA CRUZ CLERK OF THE BOARD

0457

NOTICE OF COMPLETION

NOTICE IS HEREBY GIVEN that the County of Santa Cruz, owner of the property hereinafter described, whose address is 701 Ocean Street, Santa Cruz, California, has caused a work of improvement more particularly described as follows:

30TH, 32ND, AND 33RD AVENUE STORM DRAIN, SANITARY SEWER AND SIDEWALK IMPROVEMENTS to be constructed on property more particularly described as follows:

30TH, 32ND, AND 33RD AVENUE, EAST CLIFF DRIVE, CALLA DRIVE, AND HAMES DRIVE

The work of improvement was completed by Reber Construction Company, whose address is P.O. Box 273, Santa Cruz, CA 95061-0273

The work of improvement was actually completed on the 5th day of February, 2002, and accepted by the Board of Supervisors of said County on the 21st day of May, 2002.

DATED: May 21, 2002

THOMAS L. BOLTCH Director of Public Works County of Santa Cruz

The undersigned states: That he is the Director of Public Works of the County of Santa Cruz, Owner of the property referred to in this Notice Of Completion; that the Board of Supervisors of said County on the 21st day of May, 2002, accepted said work of improvement and directed the filing of the Notice of Completion; that he has read the Notice of Completion and knows the contents thereof; and that the facts stated therein are true.

I declare under penalty of perjury that the foregoing is true and correct.

Executed by me this 21st day of May, 2002, at Santa Cruz, California.

THOMAS L. BOLICH Director of Public Works County of Santa Cruz

30-33BDLA.wpd

DEPARTMENT OF PUBLIC WORKS COUNTY OF SANTA CRUZ STATE OF CALIFORNIA

SUMMARY OF FINAL COSTS FOR

30TH,32ND &33RD AVE. STORM DRAIN, SANITARY SEWER

2104 CONTRACT NO.

COLOR) COLOR COL			010000			DIEEEDENCE	TSOO TINIT	FINAL COST	DIFFERENCE
CLEARING AND GRUBBING 1 2 2 2 1 2 3 3 3 3 3 3 4	ãç	ITEM	PROPOSED QUANTITY	QUANTITY					
CHECANTER CANATION 450 450.00 M3 5112.00 520.400.00 AGGREGATE BASE CLASS	.[د	CI FABING AND GRIBBING		1.00	L.S.		\$155,500.00	\$155,500.00	
ASPHALIT CONCRETE FASE CLASS 2 680 680 61 MT 200.61 \$37.00 \$32,802.57 ASPHALIT CONCRETE TYPE B 680.00 MT 596.60 51.06.260.00 ASPHALIT CONCRETE TYPE B 680.00 MT 512.00 51.200.00 ASPHALIT CONCRETE SWALE 600 600.00 MT 512.00 87.200.00 ASPHALIT CONCRETE SWALE 770 851.60 MZ 44.700.48 ACCRASPHALIT CONCRETE SWALE 770 851.60 MZ 44.00.00 82.800.00 ASPHALIT CONCRETE SWALE 770 851.60 MZ 44.00.00 82.800.00 PLACE ASPHALIT CONCRETE SWALE 750 MZ 44.50 MZ 44.50 S1.30	۔ اے	/FI BOADWAY EXCAVATION	450	450.00	M3		\$112.00	\$50,400.00	
ASPHALT CONCRETE TYPE B	ی ا	AGGREGATE BASE CLASS 2	069	890.61	MT	200.61	\$37.00	\$32,952.57	\$7,422.57
ASPHALI CONCRETE SWALE 770 80.00 M 81.60 85.249 844.700.48 ASPHALI CONCRETE SWALE 770 81.60 M 81.60 85.249 844.700.48 ROAD BUMP 770 81.60 M 81.60 85.249 844.700.48 ROAD BUMP 770 81.60 M 74.465.00 81.30 84.895.50 PLACE SPHALT CONC. (MISC.AREAK 110 127.00 M 13.00 871.70 84.895.50 PLACE SHALT CONC. (MISC.AREAK 110 127.00 M 13.00 871.70 874.895.50 CUINE & GUITER (INTEGAL COLOR) 776	۶	ASPHAIT CONCRETE TYPE B	1.100		₩		\$96.60	\$106,260.00	
STATE STAT	ی ا ₊	CEIND ASPHALT CONCRETE	009		Σ		\$12.00	\$7,200.00	
PAVEMBENT CONC. (MISCAREA 110 12.00 EA. 17.00 \$14.00.00 \$2.800.00 PAVEMBENT CONC. (MISCAREA 110 12.00 MISCAREA 110 13.00 MISCAREA 110 13.65.00 MISCAREA 110 13.65.00 MISCAREA 110 13.65.00 MISCAREA 110 13.65.00 MISCAREA 110 13.00 13.65.00 MISCAREA 110 13.00 13.60 13.00 13.60 13.00 13.60 13.00 13.00 10.00 13.60 13.00 13.00 13.00 10.00 13.60 13.00 13.00 10.00 13.60 13.00 13.00 10.00 13.00 13.00 10.00 10.0	ء اد	ASPHALT CONCRETE SWALE	770		Σ	81.60	\$52.49	\$44,700.48	\$4,283.18
PLACE ASPHALT CONC. (MISC.AREA) 110 127.00 M2 4465.00 \$145.80 \$18,516.60 \$4,585.50 \$18,516.60 \$18,516.	٦١	POAD RIMP	2	2.00			\$1,400.00	\$2,800.00	
PAVEMENT REINFORCING FABRIC CURB & GUTTER (INTEGAL COLOR) 8,000 3,535.00 M2 -4,465.00 \$1.30 \$4,595.50 Q CURB & GUTTER (INTEGAL COLOR) 750 760 763.00 M 13.00 \$78.72 \$60,063.36 0 SIDEWALK (INTEGAL COLOR) 145 445 450 M 100 \$71,00.00 \$73,200.00 82,808.00 82,808.00 \$290.50 0 \$70,701.60 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00 \$70,700.00	٦	PLACE ASPHALT CONC. (MISC ABEA)	110			17.00	\$145.80	\$18,516.60	\$2,478.60
CONICY VALEY GENERAL COLOR) 750 763.00 M 13.00 \$78.72 \$60.063.36 SIDEWALK (INTEGAL COLOR) 445 450.00 M 5.00 \$62.42 \$26.085.00 SIDEWALK (INTEGAL COLOR) 11 12.00 EA. 1.00 \$1.100.00 \$132.00 UNDER SIDEWALK DRAIN 11 12.00 M 23.00 \$10.00 \$2.908.00 CONIC. VALLEY GUTTER (INTEGAL CK) 32 27.00 EA. 1.00 \$10.00 \$2.908.00 CONICY VALLEY GUTTER (INTEGAL CK) 32 27.00 EA. 1.00 \$4.200.00 \$13.400.00 COUNTY STANDARD G-O INLET 26 27.00 EA. 1.00 \$4.200.00 \$24.000.00 COUNTY STANDARD G-O INLET 4 5.00 EA. -1.00 \$4.200.00 \$24.000.00 COUNTY STANDARD G-O INLET 15 14.00 EA. -2.00 \$8.600.00 \$27.00.00 SILTA WARHOLE 2 2 2 2 2 38.50 \$3.92.80 \$3.93.98 \$7	ماد	PAVEMENT REINFORCING FABRIC	8,000	3,		-4,465.00	\$1.30	\$4,595.50	(\$5,804.50
SIDEWALK (INTEGAL COLOR)	ءاد		750			13.00	\$78.72	\$60,063.36	\$1,023.36
UNDER SIDE WALK INTEGRAL CY 11 12.00 EA 1.00 \$1,100.00 \$13,200.00 \$100	- د		445			5.00	\$62.42	\$28,089.00	\$312.10
COUNTY STANDARD CEMENT CONC. MISC. AF 97 120.00 M2 23.00 \$589.18 \$70,701.60 \$ \$ 100.00	- ç	SIDEWAER (IN EGAE GOEST)	-			1.00	\$1,100.00	\$13,200.00	\$1,100.00
PORTIZE MISC. AFT (20.00) 97 120.00 M2 23.00 \$589.18 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,701.60 \$70,700.00 \$70,701.60	٦١٥	CONC VALLEY GLITTER (INTEGAL CO	32		L	-4.30	\$105.00	\$2,908.50	(\$451.50
COUNTY STANDARY CONTRINED 26 27.00 EA. 1.00 \$4,200.00 \$113,400.00 \$24,000.00 \$22,000.00 \$	۶ ۶			-		23.00	\$589.18	\$70,701.60	\$13,551.14
COUNTY STAND STANDON \$24,000.00 CRISTY U-23 CAZATURE BASIN 7 6.00 EA. 1.00 \$4,800.00 \$24,000.00 CRISTY U-23 CAZATURE BASIN 7 7.00 EA. -1.00 \$5,200.00 \$77,00.00 STORM DRAIN MANHOLE 15 14.00 EA. -2.00 \$6,800.00 \$72,800.00 \$72,800.00 SILT & GREASE TRAP MANHOLE 786 814.51 M 28.51 \$170.56 \$138,922.83 (3) 300 mm STORM DRAIN 122 29.26 M -92.74 \$255.74 \$7,482.95 (4) 450 mm STORM DRAIN 40 212.15 M 172.15 M \$740.04 450 mm STORM DRAIN 12 2,740.0 M \$3243.88 \$72,954.14 \$740.04 450 mm STORM DRAIN 12 12.00 M 184.00 \$3245.70 \$7,400.04 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$8.646 \$1,695.15 (S)14FRAWORK (GENERAL) 10 1.00	- ս					1.00	\$4,200.00	\$113,400.00	\$4,200.00
CRISTY V-64 CATCH BASIN 7 7.00 EA. \$1,100.00 \$7,700.00 CRISTY V-64 CATCH BASIN 15 14.00 EA. -1.00 \$5,200.00 \$72,800.00 SILT & GREASE TRAP MANHOLE 2 EA. -2.00 \$6,800.00 \$138,922.83 (\$18,000.00 SILT & GREASE TRAP MANHOLE 786 814,51 M 28.51 \$170.56 \$138,922.83 (\$7,820.00 300 mm STORM DRAIN 122 29.26 M -92.74 \$255.74 \$7,482.95 (\$1,450.04 450 mm STORM DRAIN 12 12.00 M 172.15 M 172.15 \$7,400.04 450 mm STORM DRAIN 12 2,474.00 M 184.00 \$3.05 \$7,455.70 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC STRIPE 96 EA. -96.00 \$6.46 \$1,301.50 (S)7HERMOPLASTIC PAVEMENT MAR 1 L.S. L.S. \$20,000.00 \$22,000.00 (S)PAV	ه اه	CDISTY 11-23 CATCH BASIN	4			1.00	\$4,800.00	\$24,000.00	\$4,800.00
STORM DRAIN MANHOLE 15 14.00 EA. -1.00 \$5,200.00 \$72,800.00 SILTAR GREASE TRAP MANHOLE 2 2 EA. -2.00 \$6,800.00 \$138,922.83 SILTA GREASE TRAP MANHOLE 786 814.51 M 28.51 \$170.56 \$138,922.83 300 mm STORM DRAIN 122 29.26 M -92.74 \$255.74 \$7,482.95 (4) 450 mm STORM DRAIN 12 212.15 M 172.15 \$616.67 \$7,400.04 450 mm STORM DRAIN 12 2474.00 M 184.00 \$3.05 \$7,400.04 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC STRIPE 48 31.78 M2 -16.22 \$5.46 (S)34VEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$22,000.00 \$22,000.00 (S)PAVEMENT TRENCH SHORING 1 <td></td> <td>CRISTY V-64 CATCH BASIN</td> <td>7</td> <td>7.00</td> <td>L</td> <td></td> <td>\$1,100.00</td> <td>\$7,700.00</td> <td></td>		CRISTY V-64 CATCH BASIN	7	7.00	L		\$1,100.00	\$7,700.00	
SILT & GREASE TRAP MANHOLE 2 EA. -2.00 \$6,800.00 (6)800.00 (6)800.00 (786) \$170.56 \$138,922.83 (7,482.95) (7,492.95)	- a	STORM DRAIN MANHOI F	15			-1.00	\$5,200.00	\$72,800.00	(\$5,200.00
SILT & CHILD AND MAIN 786 814.51 M 28.51 \$170.56 \$138,922.83 300 mm STORM DRAIN 122 29.26 M -92.74 \$255.74 \$7,482.95 (450 mm STORM DRAIN 12 12.00 M 172.15 \$343.88 \$72,954.14 (450 mm STORM DRAIN 12 12.00 M 184.00 \$3.05 \$7,400.04 450 mm STORM DRAIN 2,290 2,474.00 M 184.00 \$3.05 \$7,545.70 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,501.50 (S)300mm THERMOPLASTIC STRIPE 48 31.78 M2 -16.22 \$5.33 \$1,695.15 (S)THERMOPLASTIC PAVEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$6.46 \$1,095.15 (S)PAVEMENT MARKER (REFLECTIVE 96 L.S. L.S. \$20,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 1 1.00 L.S. \$22,000.00 \$245,100.85 200 mm GRAVITY SEWER <	٥lo	SI CHIM DI INII MANIN I CELE	6			-2.00	\$6,800.00		(\$13,600.00
350 IIIII STORM DRAIN 122 29.26 M -92.74 \$255.74 \$7,482.95 (6) 375 mm STORM DRAIN 12 29.26 M 172.15 \$343.88 \$72,954.14 37,400.04 450 mm STORM DRAIN 12 12.00 M 12.00 \$616.67 \$7,400.04 37,400.04 450 mm STORM DRAIN 2,290 2,474.00 M 184.00 \$3.05 \$7,545.70 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC STRIPE 48 31.78 M2 -16.22 \$5.34 \$1,695.15 (S)THERMOPLASTIC PAVEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$6.46 \$1,301.50 (S)PAVEMENT MARKER (REFLECTIVE 96 L.S. L.S. \$22,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 1 L.S. \$22,000.00 \$22,000.00 SANITARY SEWER 1 L.S. \$22,000.00 \$245,100.85	ء م	SILI & GNEASE LIMI MANNISEE	786			28.51	\$170.56	\$138,922.83	\$4,862.67
450 mm STORM DRAIN 40 212.15 M 172.15 \$343.88 \$72,954.14 450 mm STORM DRAIN 12.00 M \$616.67 \$7,400.04 450 mm STORM DRAIN 2,290 2,474.00 M \$3.05 \$7,545.70 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC PAVEMENT MARKER (REFLECTIVE 96 EA. -16.22 \$53.34 \$1,695.15 (S)PAVEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$6.46 \$13,262.20 (S)PAVEMERAY SEWER TRENCH SHORING 1 L.S. L.S. \$20,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 830 889.40 M 59.40 \$275.58 \$245,100.85	ءاج	225 mm STOPM DRAIN	122		L	-92.74	\$255.74	\$7,482.95	(\$23,717.33)
450 mm STORM DRAIN 12 12.00 M \$616.67 \$7,400.04 450 mm STORM DRAIN 2.290 2,474.00 M 184.00 \$3.05 \$7,545.70 (S)100mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC PAVEMENT MAR 48 31.78 M2 -16.22 \$53.34 \$1,695.15 (S)THERMOPLASTIC PAVEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$6.46 \$113,262.20 (S)PAVEMENT MARKER (REFLECTIVE 1 L.S. L.S. \$20,000.00 \$113,262.20 EXTRA WORK (GENERAL) 1 L.S. L.S. \$20,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 1 L.S. \$20,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 830 889.40 M 59.40 \$275.58 \$245,100.85	-12	450 mm STOBM DBAIN	40	2		172.15	\$343.88	\$72,954.14	\$59,198.94
(S)100mm THERMOPLASTIC STRIPE 2,290 2,474.00 M 184.00 \$3.05 \$7,545.70 (S)300mm THERMOPLASTIC STRIPE 110 137.00 M 27.00 \$9.50 \$1,301.50 (S)300mm THERMOPLASTIC PAVEMENT MAR 48 31.78 M2 -16.22 \$53.34 \$1,695.15 (S)THERMOPLASTIC PAVEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$6.46 \$13,695.15 (S)PAVEMENT MARKER (REFLECTIVE 96 L.S. L.S. L.S. \$20,000.00 \$113,262.20 EXTRA WORK (GENERAL) 1.00 L.S. L.S. \$22,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 1.00 L.S. \$22,000.00 \$245,100.85	وابر	450 IIIIII STOTIMI DI MIN	12				\$616.67	\$7,400.04	
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(S)THERMOPLASTIC PAVEMENT MAR 48 31.78 M2 -16.22 \$53.34 \$1,695.15 (S)THERMOPLASTIC PAVEMENT MARKER (REFLECTIVE) 96 EA. -96.00 \$6.46 (S)PAVEMENT MARKER (REFLECTIVE) 96 L.S. L.S. L.S. \$20,000.00 \$113,262.20 EXTRA WORK (GENERAL) 1 1.00 L.S. \$22,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 830 889.40 M 59.40 \$275.58 \$245,100.85	<u>. 4</u>	(S) 100(11) THERMODI ASTIC STRIPE	110			27.00		\$1,301.50	\$256.50
(S) PAVEMENT MARKER (REFLECTIVE 96 EA. -96.00 \$6.46 (S)PAVEMENT MARKER (REFLECTIVE 96 1.5. L.S. L.S. \$20,000.00 \$113,262.20 EXTRA WORK (GENERAL) 1.00 L.S. L.S. \$22,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 1.00 L.S. \$59.40 \$275.58 \$245,100.85	واج	(S)THERMORI ASTIC PAVEMENT MAE				-16.22		\$1,695.15	(\$865.17
EXTRA WORK (GENERAL) 1 L.S. L.S. L.S. \$20,000.00 \$113,262.20 SANITARY SEWER TRENCH SHORING 1 1.00 L.S. \$22,000.00 \$22,000.00 SANITARY SEWER TRENCH SHORING 1 889.40 M 59.40 \$275.58 \$245,100.85	215	(S) MILLING EXTENDED (SEED ECTIVE				00'96-			(\$620.16
SANITARY SEWER TRENCH SHORING 1 1.00 L.S. \$22,000.00 \$22,000.00 200 mm GRAVITY SEWER 830 889.40 M 59.40 \$275.58 \$245,100.85	٠l∝	EXTRA WORK (GENERAL)			L	S.J	\$20,000.00	\$113,262.20	\$93,262.20
200 mm GRAVITY SEWER 830 889.40 M 59.40 \$275.58 \$245,100.85	glg	SANITARY SEWER TRENCH SHORING		1.00	L		\$22,000.00	\$22,000.00	
	۾ اڄ	200 mm GBAVITY SEWER				59.40		\$245,100.85	\$16,369.45

ORIGINAL BID: SUMMARY

\$1,463,201.72 CHANGES: FINAL COST:

\$141,107.76 \$1,604,309.48

DEPARTMENT OF PUBLIC WORKS COUNTY OF SANTA CRUZ STATE OF CALIFORNIA

30TH 32ND &33RD AVE. STORM DRAIN, SANITARY SEWER SUMMARY OF FINAL COSTS FOR

PAGE 2 OF 2

2104 CONTRACT NO.

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DIFFERENCE			0000	\$450.00	(\$16,115.49)		(\$1,150.00)		(\$5,500.00)																											¢1/1 1/17 76	÷:
FINAL COST	00 000 VV	\$44,000.00	\$1,000.00	\$2,250.00	\$81,956.51	\$2,700.00	\$1,150.00	\$30,000.00	\$4,500.00						\$3,300.00																					#4 CO4 200 40	01.000,+00,1¢
UNIT COST	00 000	00.000,00	\$1,000.00	\$450.00	\$150.88	\$300.00	\$1,150.00	\$30,000.00	\$10,000.00						\$300.00							\$255.74	\$343.88		\$51,313.51	00000	\$6,800.00	00000	\$19,520.00	\$30,000.00	\$37.00						
DIFFERENCE				1.00	-106.81		-1.00		#VALUE!	-275.00	-2.00	-1.00	-2.00	-2.00		-748.00																					
TIND	1	EA.	EA.	EA.	Σ	EA.	EA.	L.S.	L.S.	F	EA.	EA.	EA.	EA.	EA.	SF						Σ	Σ		L.S.		EA.		L.S.	L.S.	¥						
MEASURED	COANE	8.00	1.00	5.00	543.19	3.00	1.00	1.00	L.S.						11.00																				:		
PROPOSED	GUANIII	8.00	1.00	4.00	650.00	3.00	2.00	1.00	100	275.00	2.00	1.00	2.00	2.00	11.00	748.00						92.00	169.00		1.00		2.00				200.00						
ITEM		STANDARD SANITARY SEWER MANH	SEWER DROP CONNECTION	SEWER CI FANOLIT	100mm SEWER I ATERAL	CEMPER I ATERAL ARANDONMENT	MODIFICATION OF FXIST SEWER MH	۰۱~	EVED MODE (SANITARY SEWER)	6" CLASS 200 C900 PVC WATER MAII		INSTALL NEW 6" STREAMER HYDRAN	3/4" WATER SERVICE RENEWAL	T	T	Т	┿	ITEM NO. 2. ITEM NO. 3	ITEM NO. 9, ITEM NO.	ITEM NO.	C C O #2	1	T	1	T	Τ	Т		WORK		0.0.0						TOTAL
	Š	31	8	3 8	3 2	5 8	S S	3 6	ે વ	႙	3 5	7	4	43	4	45	4	4	48	64	55	21	22	53	5	53	26	57	28	29	9	9	85	83	64	65	