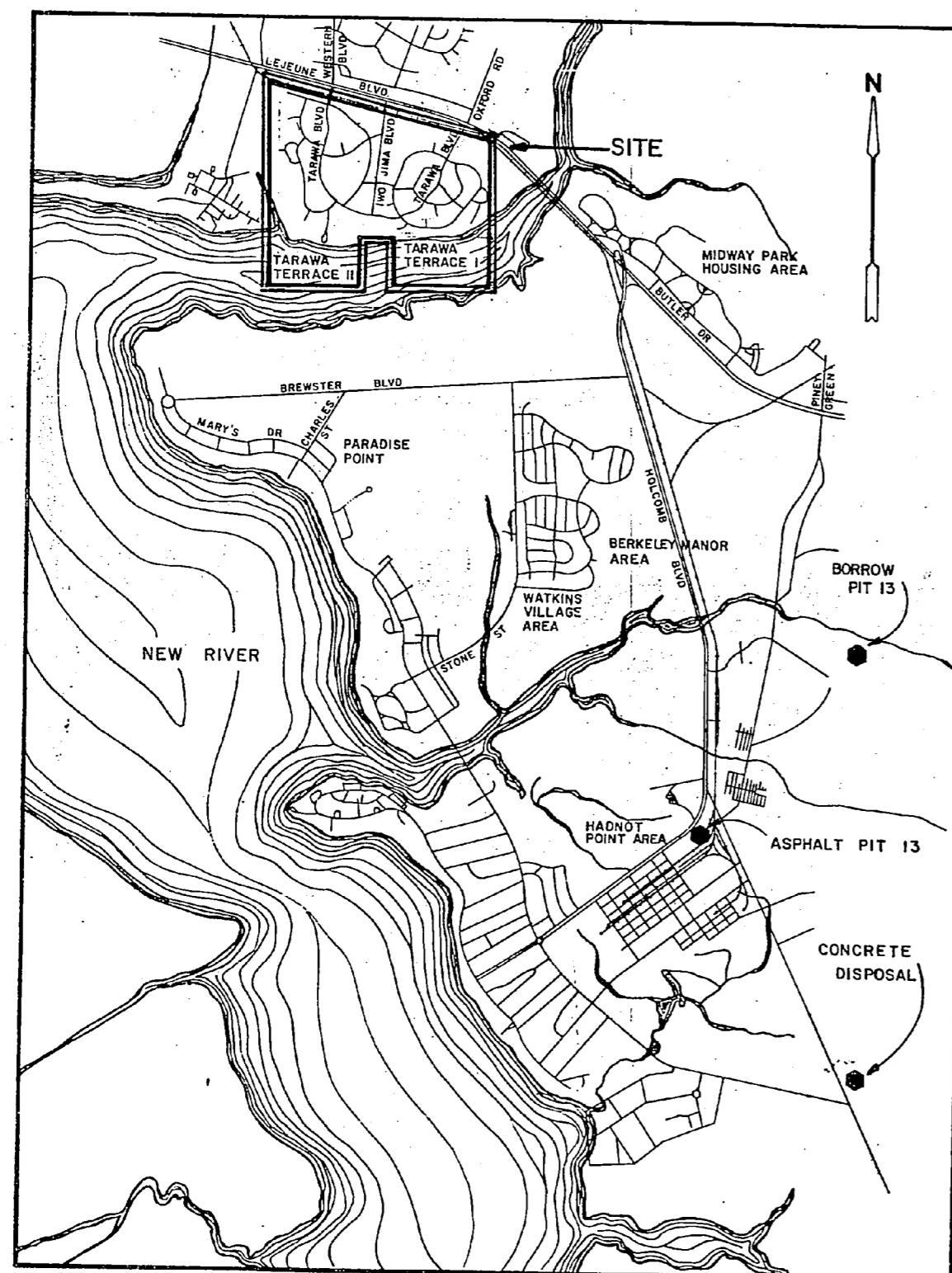


# REPLACE WATER LATERALS TARAWA TERRACE I - TARAWA TERRACE II

## MARINE CORPS BASE CAMP LEJEUNE, NORTH CAROLINA

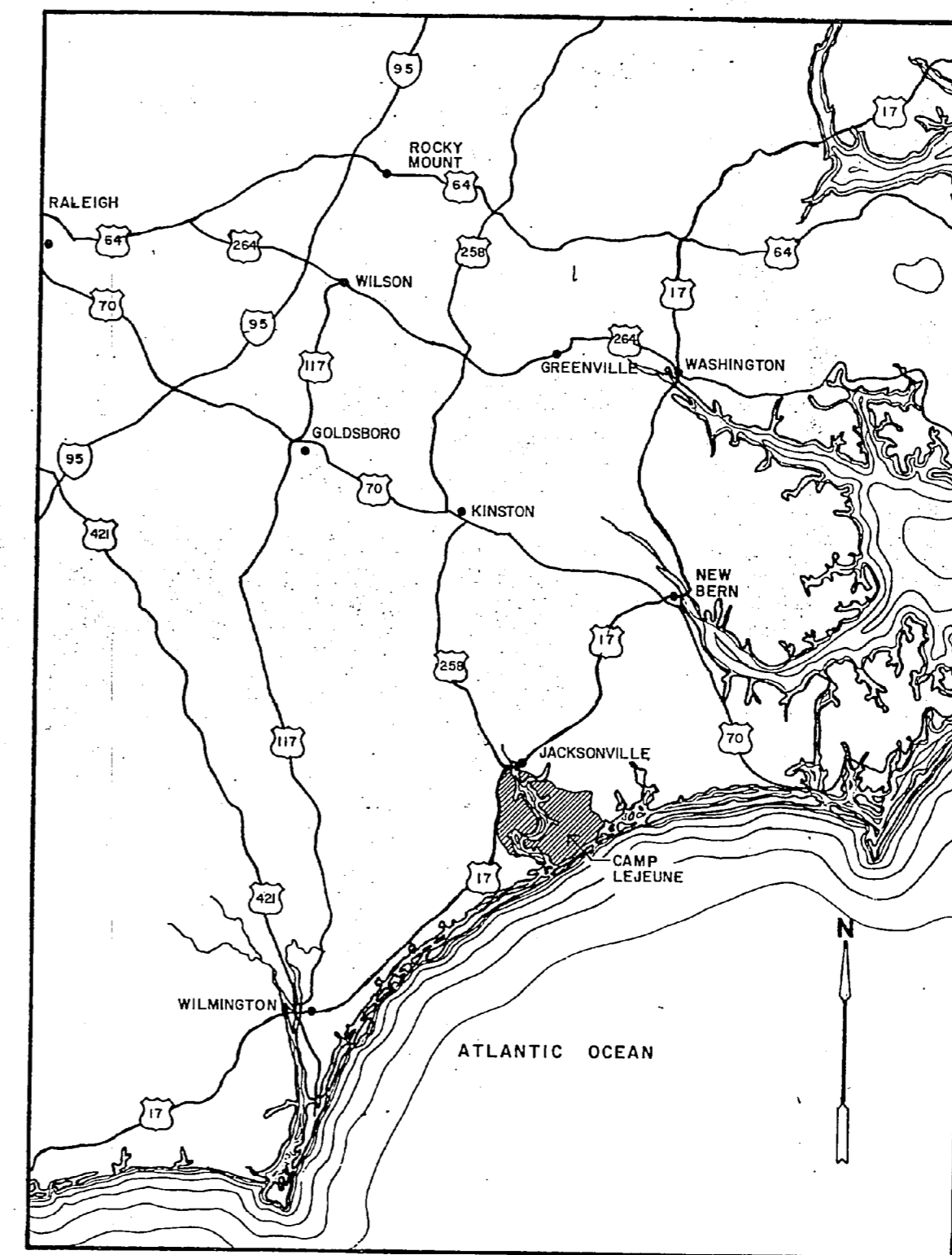
REVISIONS		
SYM	DESCRIPTION	DATE APPROVED



LOCATION PLAN  
NOT TO SCALE

### INDEX TO DRAWINGS

EFD NO.	NAVFAC NO.	SHEET	TITLE
188782	4088782	T - 1	TITLE SHEET
188783	4088783	C - 1	GENERAL PLAN - TARAWA TERRACE I
188784	4088784	C - 2	GENERAL PLAN - TARAWA TERRACE II
188785	4088785	C - 3	TT I SITE PLAN, SECT A
188786	4088786	C - 4	TT I SITE PLAN, SECT B
188787	4088787	C - 5	TT I SITE PLAN, SECT C
188788	4088788	C - 6	TT I SITE PLAN, SECT D
188789	4088789	C - 7	TT I SITE PLAN, SECT E
188790	4088790	C - 8	TT I SITE PLAN, SECT F
188791	4088791	C - 9	TT I SITE PLAN, SECT G
188792	4088792	C - 10	TT I SITE PLAN, SECT H
188793	4088793	C - 11	TT I SITE PLAN, SECT I
188794	4088794	C - 12	TT I SITE PLAN, SECT J
188795	4088795	C - 13	TT II SITE PLAN, SECT 1
188796	4088796	C - 14	TT II SITE PLAN, SECT 2
188797	4088797	C - 15	TT II SITE PLAN, SECT 3
188798	4088798	C - 16	TT II SITE PLAN, SECT 4
188799	4088799	C - 17	TT II SITE PLAN, SECT 5
188800	4088800	C - 18	TT II SITE PLAN, SECT 6
188801	4088801	C - 19	TT II SITE PLAN, SECT 7
188802	4088802	C - 20	TT II SITE PLAN, SECT 8
188803	4088803	C - 21	TT II SITE PLAN, SECT 9
188804	4088804	C - 22	TT II SITE PLAN, SECT 10
188805	4088805	C - 23	TT II SITE PLAN, SECT 11
188806	4088806	C - 24	TT II SITE PLAN, SECT 12
188807	4088807	C - 25	TT II SITE PLAN, SECT 13
188808	4088808	C - 26	DETAIL SHEET
188809	4088809	C - 27	DETAIL SHEET



VICINITY MAP  
NOT TO SCALE

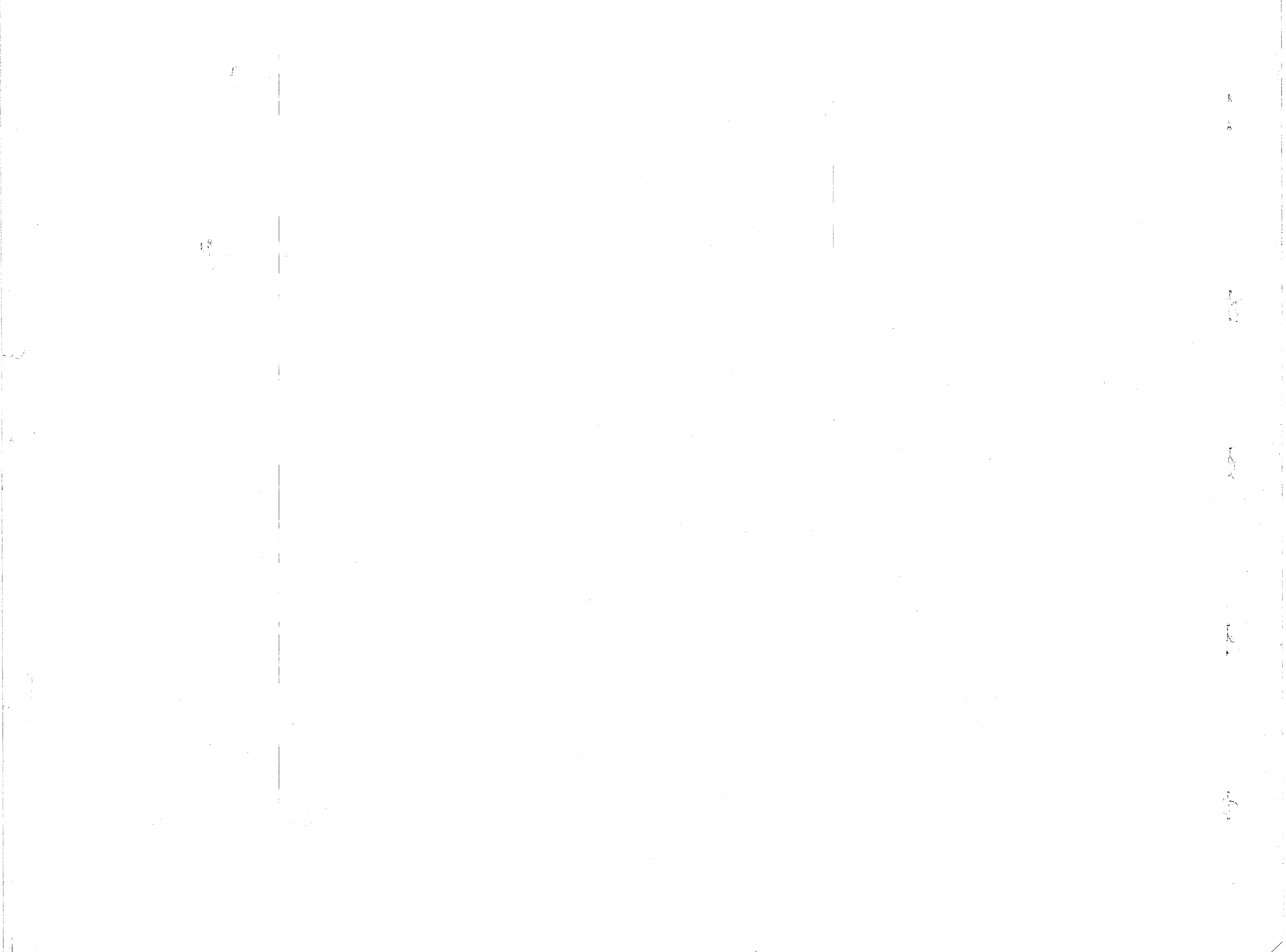
#### GENERAL NOTES

- LOCATIONS OF EXISTING UTILITIES WERE DETERMINED FROM EXISTING DRAWINGS AND VERIFIED TO THE EXTENT POSSIBLE IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE LOCATION OF UTILITIES AHEAD OF THE WORK. EXISTING UNDERGROUND UTILITIES INCLUDE WATER, SANITARY SEWER, STORM SEWER, NATURAL GAS, TELEPHONE, FIRE ALARM, AND FUEL OIL TANKS.
- NEW CONNECTIONS TO EXISTING MAINS SHALL BE MADE UNDER PRESSURE. NEW LINES 2" AND LARGER SHALL BE CONNECTED USING TAPPING SLEEVES AND VALVES. NEW LINES SMALLER THAN 2" SHALL BE CONNECTED USING TAPPING SADDLES AND CORP. STOPS.
- ALL EXISTING CONNECTIONS TO THE MAINS IN TARAWA TERRACE I SHALL BE PLUGGED AT THE MAIN.
- TOPS OF NEW VALVE BOXES AND CURB STOP BOXES SHALL BE 0.1' ABOVE GRADE.
- DURING ALL PHASES OF CONSTRUCTION, INSURE THAT HOUSING UNITS ARE WITHOUT WATER FOR THE SHORTEST TIME POSSIBLE.

- VALVES AND HYDRANTS WHICH ARE A PART OF EXISTING SERVICE LINES AND MAINS ABANDONED UNDER THIS CONTRACT SHALL BECOME THE PROPERTY OF THE CONTRACTOR. HYDRANTS, VALVE BOXES AND CURB STOP BOXES SHALL BE REMOVED AND DISPOSED OF OFF GOVERNMENT PROPERTY. VALVES MAY BE REMOVED AND SALVAGED.
- FILL SHALL BE PLACED BENEATH THE EAVES OF HOUSING UNITS AS DETAILED ON THE DRAWINGS AND AS DIRECTED BY THE RESIDENT OFFICER IN CHARGE OF CONSTRUCTION (R.O.I.C.).
- ALL AREAS DISTURBED BY CONSTRUCTION OPERATIONS AND NOT PAVED SHALL BE VEGETATED.
- PROVIDE 25 NEW FIRE HYDRANTS WITH VALVES AND BOXES AND REMOVE 20 EXIST. FIRE HYDRANTS (NO. VALVES AND BOXES) IN TARAWA TERRACE II (SEE SHTS. C-13 THRU C-26). PROVIDE 4 NEW FIRE HYDRANTS WITH VALVES AND BOXES IN TARAWA TERRACE I. (SEE SHTS. C-3 THRU C-12).

<b>RECORD DRAWING</b>		<b>LETTER DATED</b>		<b>JAN 24 1994</b>		<b>T-1</b>	
MCKIM & CREED ENGINEERS WILMINGTON, N.C.				DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION			
DESIGNED BY: DR. WHITE				CHECKED BY: MCKIM			
SUBMITTED BY: [Signature]				DATE: 1/20/94			
EFD: FR-20K				RVD: [Signature]			
DATE: 1/20/94				DIR: [Signature]			
ACTIVITY: SATISFACTORY TO				SCALE: NONE			
SPEC: 05 - 82 - 2305				SHEET 1 OF 28			
EFD Dwg. No. 188782				NAVFAC DRAWING NO. 4088782			

M.  
6578

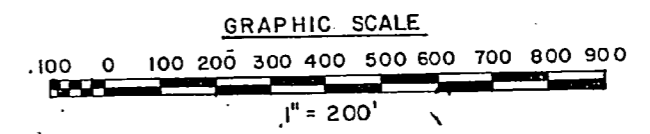


REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED A9-BUILT	1/24/64 ELS

**PAVEMENT MILLING REQUIRED** \*(COMPLETED)

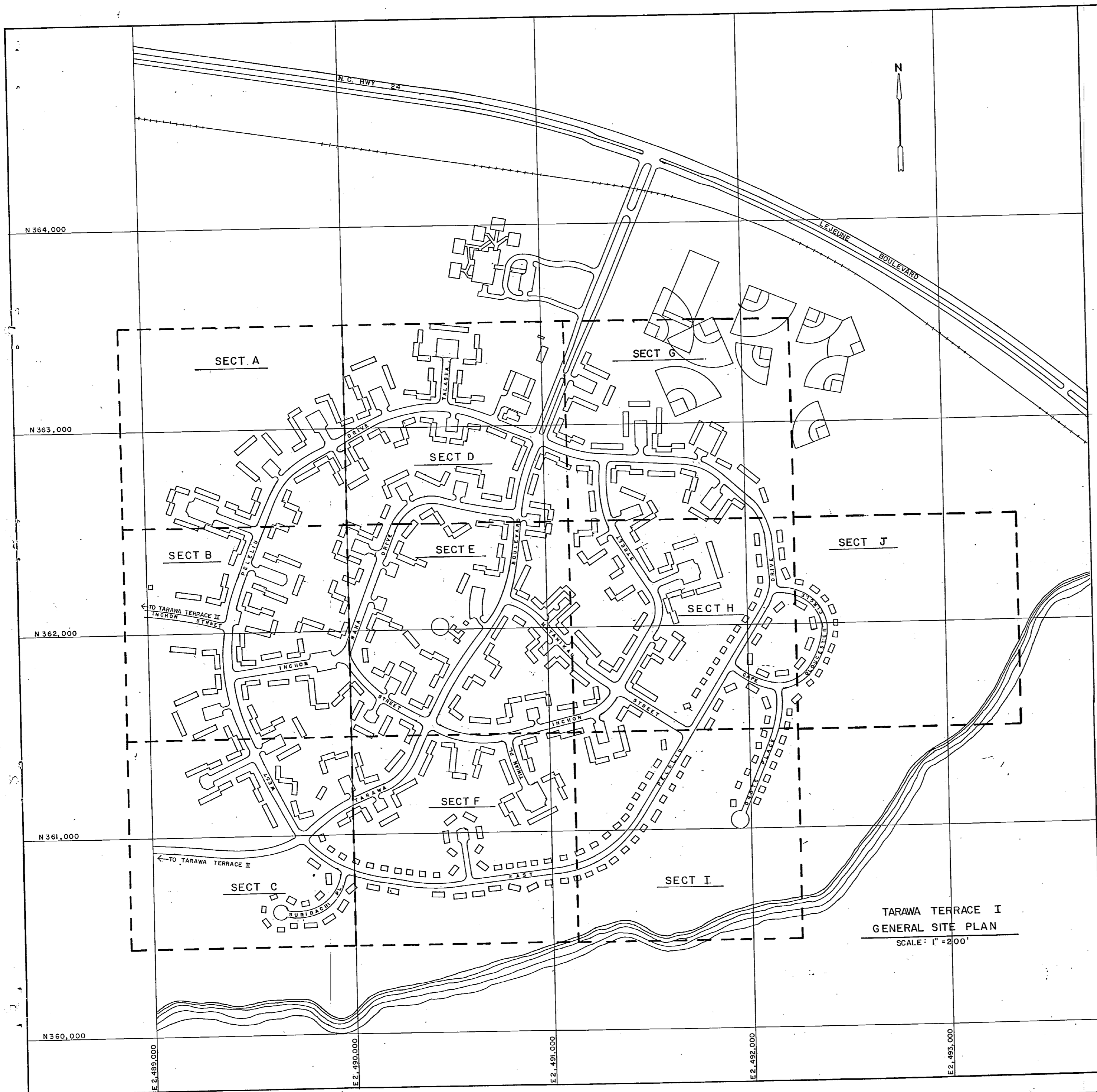
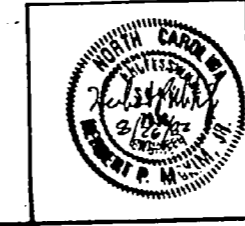
STREET NAME	LINEAR FEET
CAPE GLOUCESTER CIR.	1890
EAST PELELIU DR.	11,170
INCHON ST.	10,425
MATANIKAU ST.	2,760
NAHA DR.	4,270
OROTE PL.	1,525
SURIBACHI PL.	1,020
TALASEA PL.	890
TARAWA BLVD.	9,545
TINIAN PL.	1,000
WEST PELELIU DR.	8,625

NOTE: PAVEMENT MILLING IS CONTINUOUS THE ENTIRE LENGTH AND INCLUDES BOTH EDGES OF ROADS LISTED ON THIS SHEET. FOR DETAILS SEE SHEET C-27



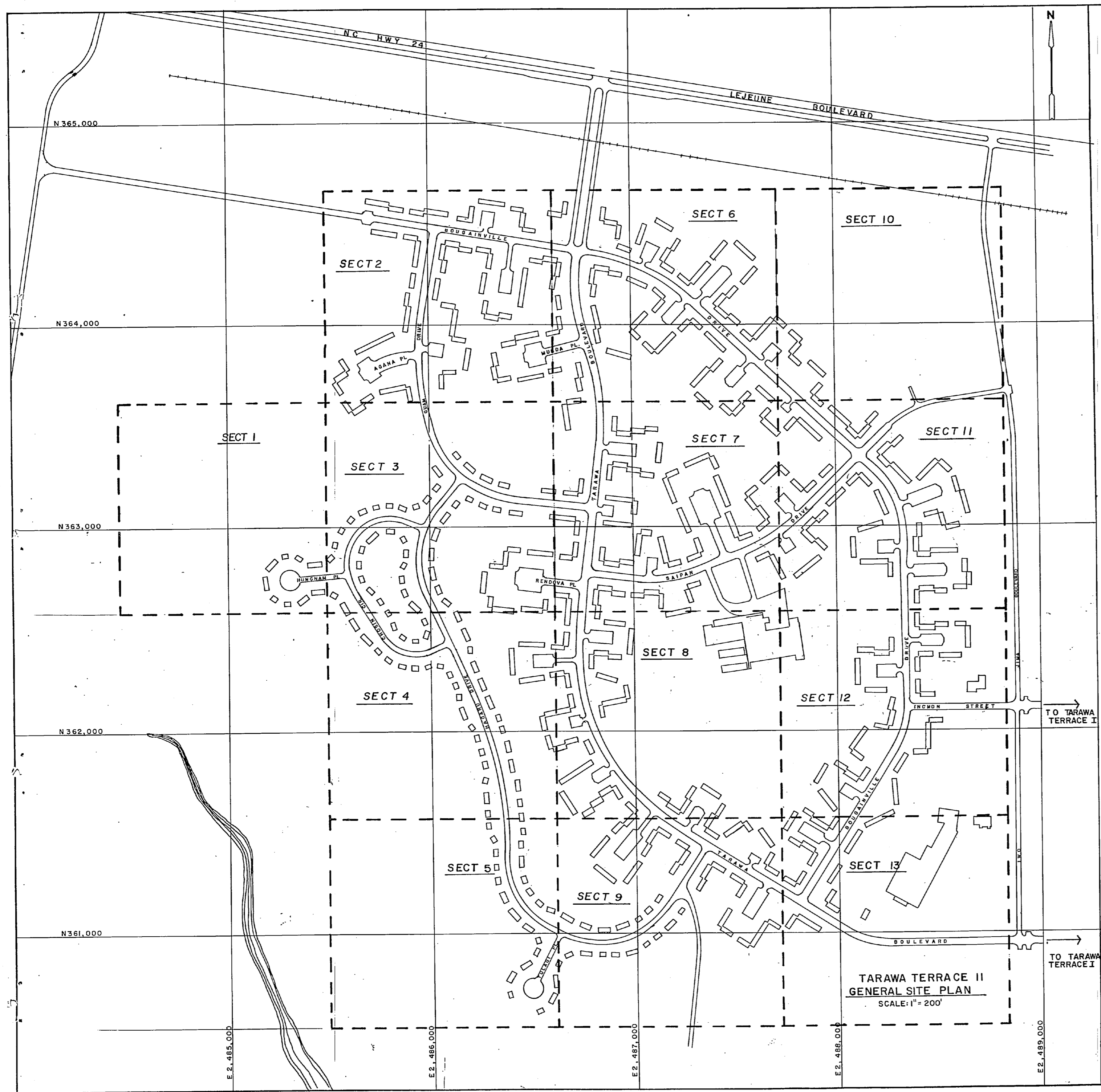
**RECORD DRAWING**  
**LETTER DATED** JAN 24 1964 **C-1**

MCKIM & CREED ENGINEERS WILMINGTON, N.C.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION MCR CAMP LEJEUNE, N.C.
DESIGNED DRUGULLY   CHK MCKIM PROJ. MGR. CH. ENG. SUBMITTED BY [Signature] DATE: 8/22/63 EIRM MEMBER PAUCIKER EFD: FP, JDR RVD: C, J NO. 24 DIR: 2222 APP. APPROVED DATE: 1/24/64 APPROVER: [Signature] DATE: 1/24/64 FOR INFO FOR COMMANDER NAVFAC	REPLACE WATER LATERALS TARAWA TERRACE I & II TARAWA TERRACE I GENERAL SITE PLAN NAVFAC DRAWING NO. 408 8783 SIZE: F CODE IDENT. NO. 80091 COORDINATE NO. N62470-82-B-2305 SHEET 2 OF 2B SCALE: 1"=200' SPEC: 05-82-2305 EIT'S DWG. NO. 188783



TARAWA TERRACE I  
GENERAL SITE PLAN  
SCALE: 1" = 200'

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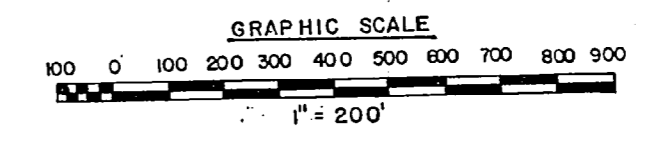


REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/14/64 cas

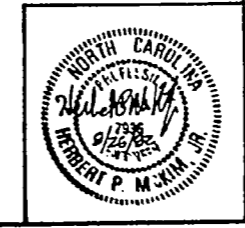
**PAVEMENT MILLING REQUIRED \*(COMPLETED)**

STREET NAME	LINEAR FEET
AGANA PL.	935
BOUGAINVILLE BLVD.	15,673
CHOSIN CIR.	2,555
GARAPAN PL.	850
GUAM DR.	4,030
HAGARU DR.	6,845
HUNGNAM PL.	865
INCHON ST.	1,000
IWO JIMA BLVD.	7,500
MUNDA PL.	855
RENDOVA PL.	995
SAIPAN DR.	5,255
TARAWA BLVD.	13,670
TULAGI PL.	715

NOTE: PAVEMENT MILLING IS CONTINUOUS THE ENTIRE LENGTH AND INCLUDES BOTH EDGES OF ROADS LISTED ON THIS SHEET. FOR DETAILS SEE SHEET C-27.

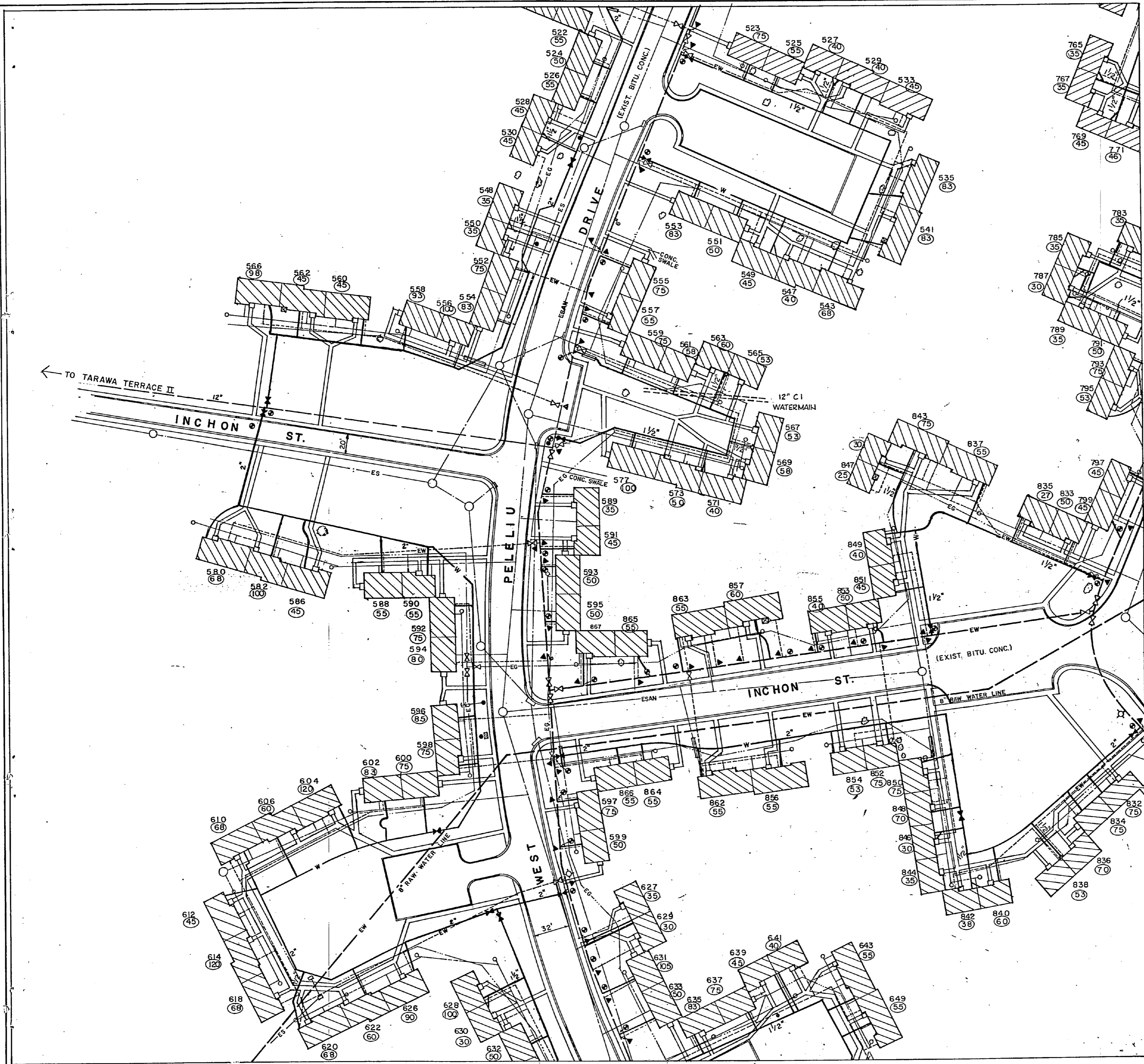


TARAWA TERRACE II  
GENERAL SITE PLAN  
SCALE: 1" = 200'

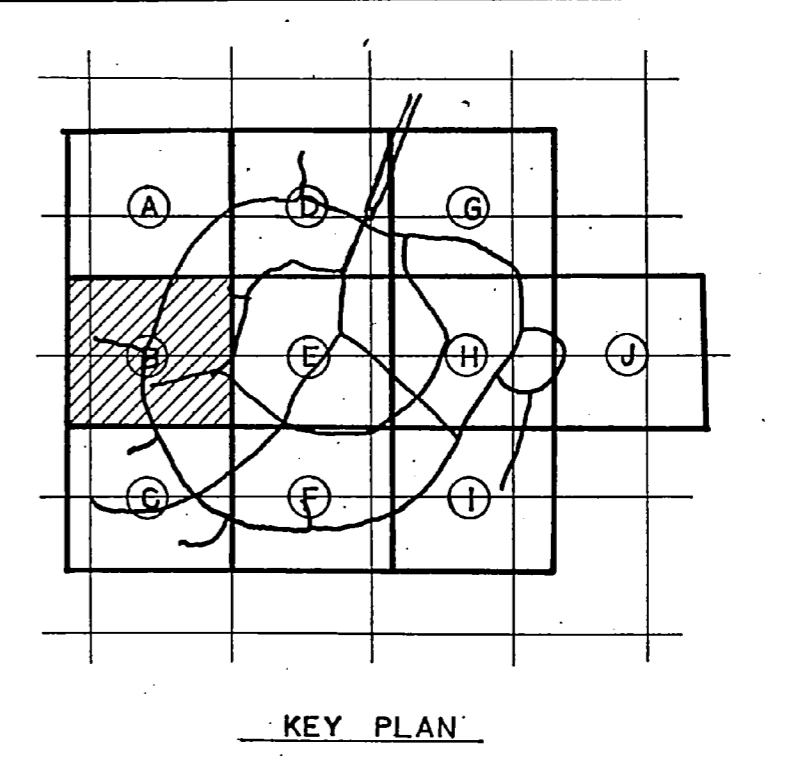
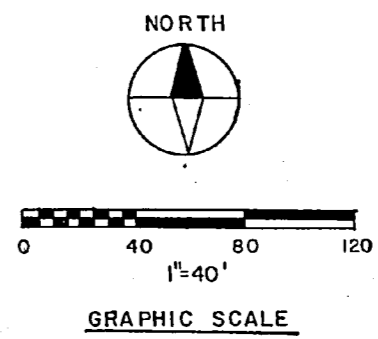


<b>RECORD DRAWING</b>		<b>C-2</b>	
LETTER DATED JUN 24 1964		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		ATLANTIC DIVISION	
DES. SNEED DR. GULLY CHK. MCKIM		NAVAL STATION MCB CAMP LEJEUNE, N.C.	
PROJ. MGR.	CH. ENG.	REPLACE WATER LATERALS TARAWA TERRACE I & II	
SUBMITTED BY	DATE	TARAWA TERRACE II GENERAL SITE PLAN	
FILED MEMBER	DATE	4086784	
REV. MEMBER	DATE	F 80091	
DIR	DATE	SCALE: 1" = 200' SPEC. 05-82-2305 SHEET 3 OF 28	
ACTIVITY - SATISFACTORY TO	DATE	FOR EVD FOR COMMANDER NAVFAC	
FOR EVD FOR COMMANDER NAVFAC		188784	

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REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/24/62



**RECORD DRAWING**  
**LETTER DATED** JAN 24 1962 **C-4**

MCKIM & CREED ENGINEERS  
WILMINGTON, N.C.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
ATLANTIC DIVISION  
NAVAL STATION NORFOLK, VIRGINIA

DESIGNED BY DR. HUTCH  
CHECKED BY CHR. MCKIM

PROJECT NO. 810091  
DATE 8/12/62

REPLACE WATER LATERALS  
TARAWA TERRACE I & II

TARAWA TERRACE I SITE PLAN SECTION B

NAVY DRAWING NO. 4088786

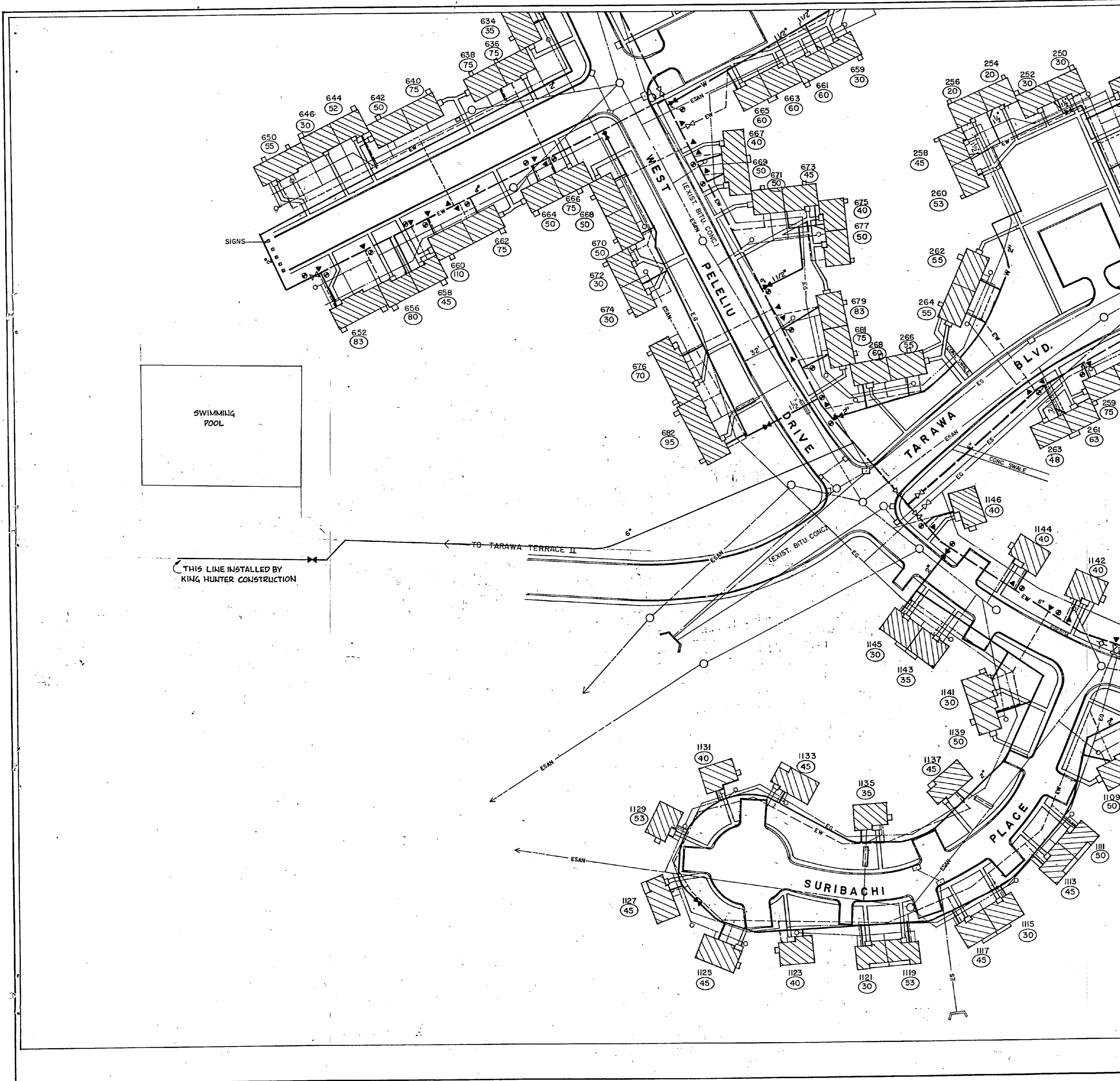
SCALE: 1"=40' SPEC. 05-82-2305 SHEET 5 OF 28

188786

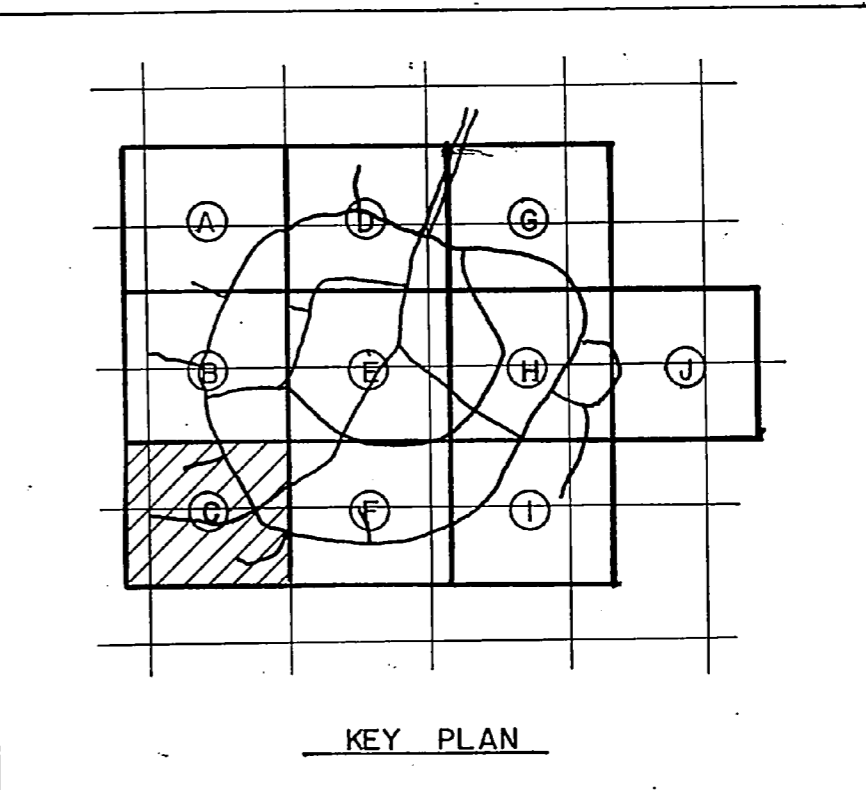
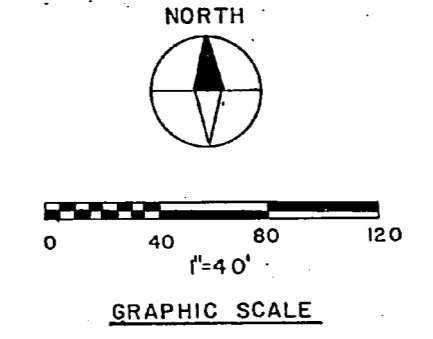








REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
REVISED A5 - BUILT		1/24/64 C.C.S.



**RECORD DRAWING**  
**LETTER DATED**

MCKIM & CREED ENGINEERS  
WILMINGTON, N.C.

DESIGNED BY DR. HUTCH  
CHECKED BY MCKIM

PROJ. MGR.  
SUBMITTED BY *H. M. W.*

DATE 2/26/62

REVISED BY *C.C.S.*

DATE 1/24/64

ACTING COMMANDER NAVAFAC

**C-5**

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
ATLANTIC DIVISION  
NAVAL STATION NORFOLK, VIRGINIA

**REPLACE WATER LATERALS  
TARAWA TERRACE I & II**

**TARAWA TERRACE I SITE PLAN, SECTION C**

NAVAFAC DRAWING NO. **4088787**

SIZE: F CODE 05/06/NO. **80091**

NAVAFAC PROJECT NO. **NS24701-62-B-2305**

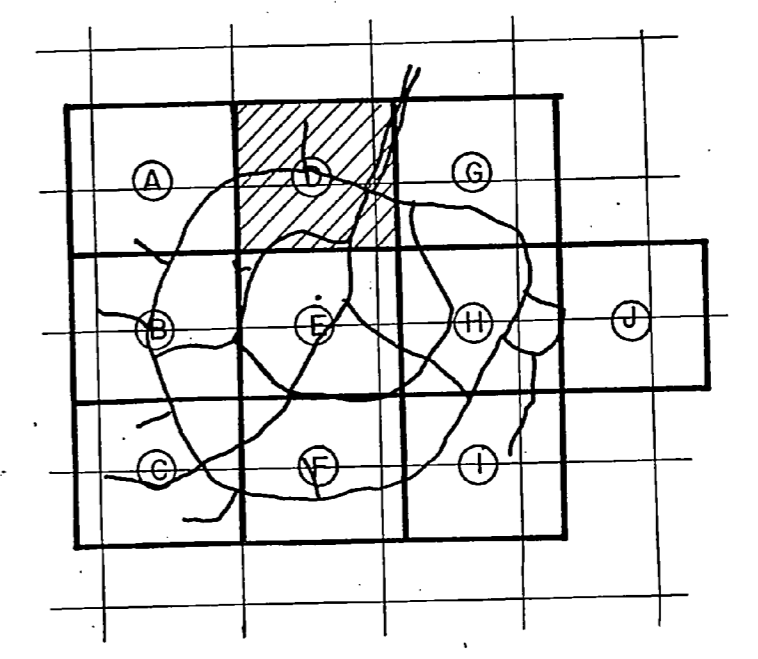
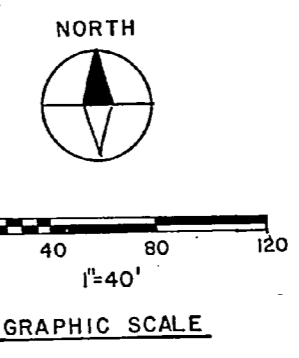
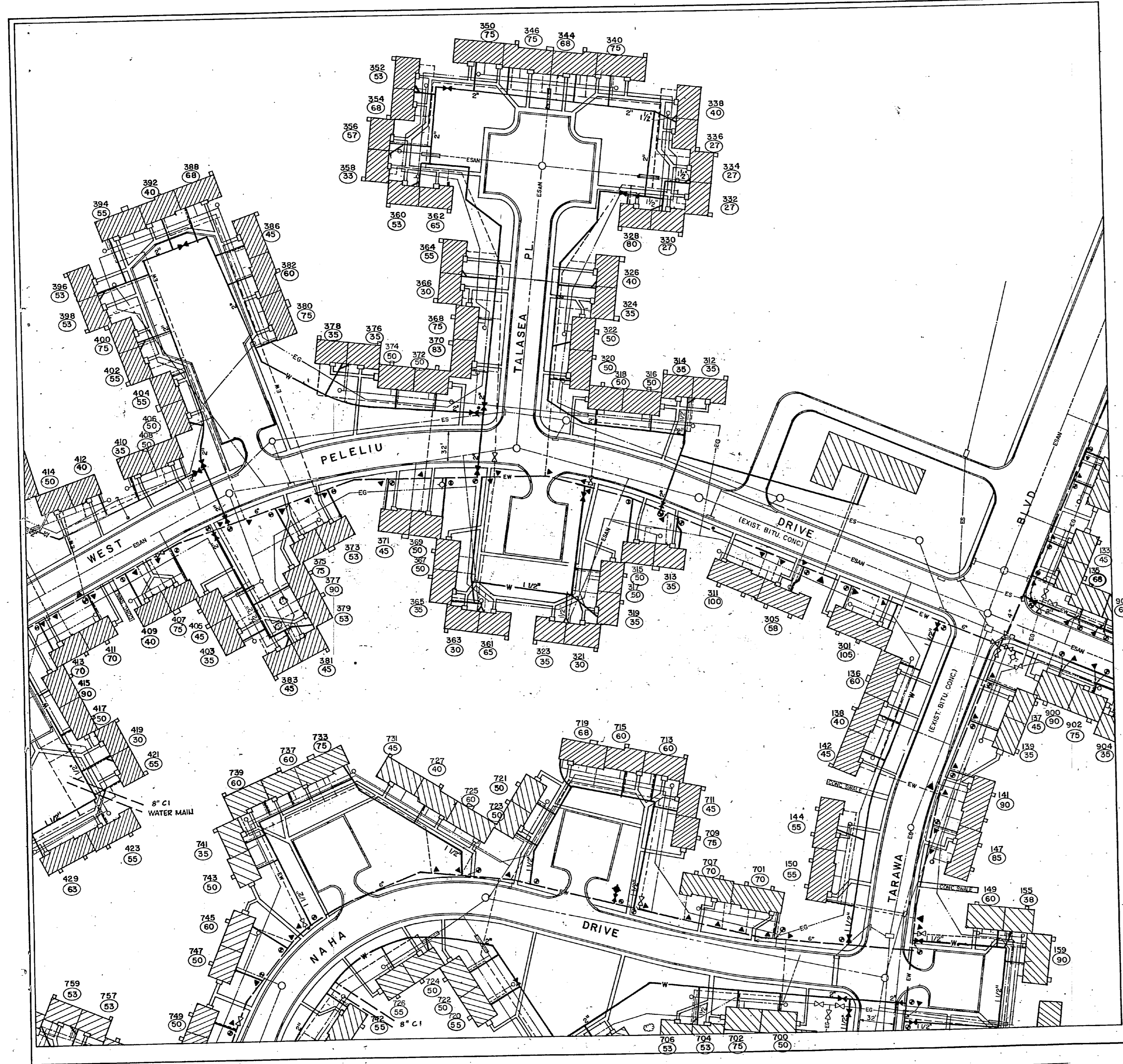
SHEET 6 OF 28  
SCALE: 1" = 40'

EPD DWG. NO.  
1 88 787

MCKIM & CREED ENGINEERS  
WILMINGTON, N.C.

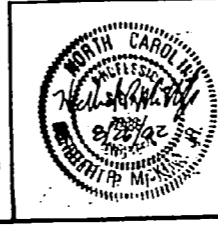


REVISIONS			
SYM	REVI	DESCRIPTION	DATE APPROVED
		REVISED AS-BUILT	1/24/44 CLF



KEY PLAN

<b>RECORD DRAWING</b>		<b>C-6</b>	
<b>LETTER DATED</b> JAN 24 1944		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		ATLANTIC DIVISION	
DESIGNED BY DR. HAWKIN		M.C.B. CAMP LEJEUNE, N.C.	
PROJ. MGR. CH. ENG.		REPLACE WATER LATERALS TARAWA TERRACE I & II	
DRAWN BY [Signature]		TARAWA TERRACE I SITE PLAN, SECTION D	
CHECKED BY [Signature]		NAVFAC DRAWING NO. 4088788	
APPROVED BY [Signature]		SCALE 1"=40'	
ACTIVITY - SATISFACTORY TO [Signature]		SHEET 7 OF 28	
FOR EFD FOR COMMANDER NAVFAC		188788	



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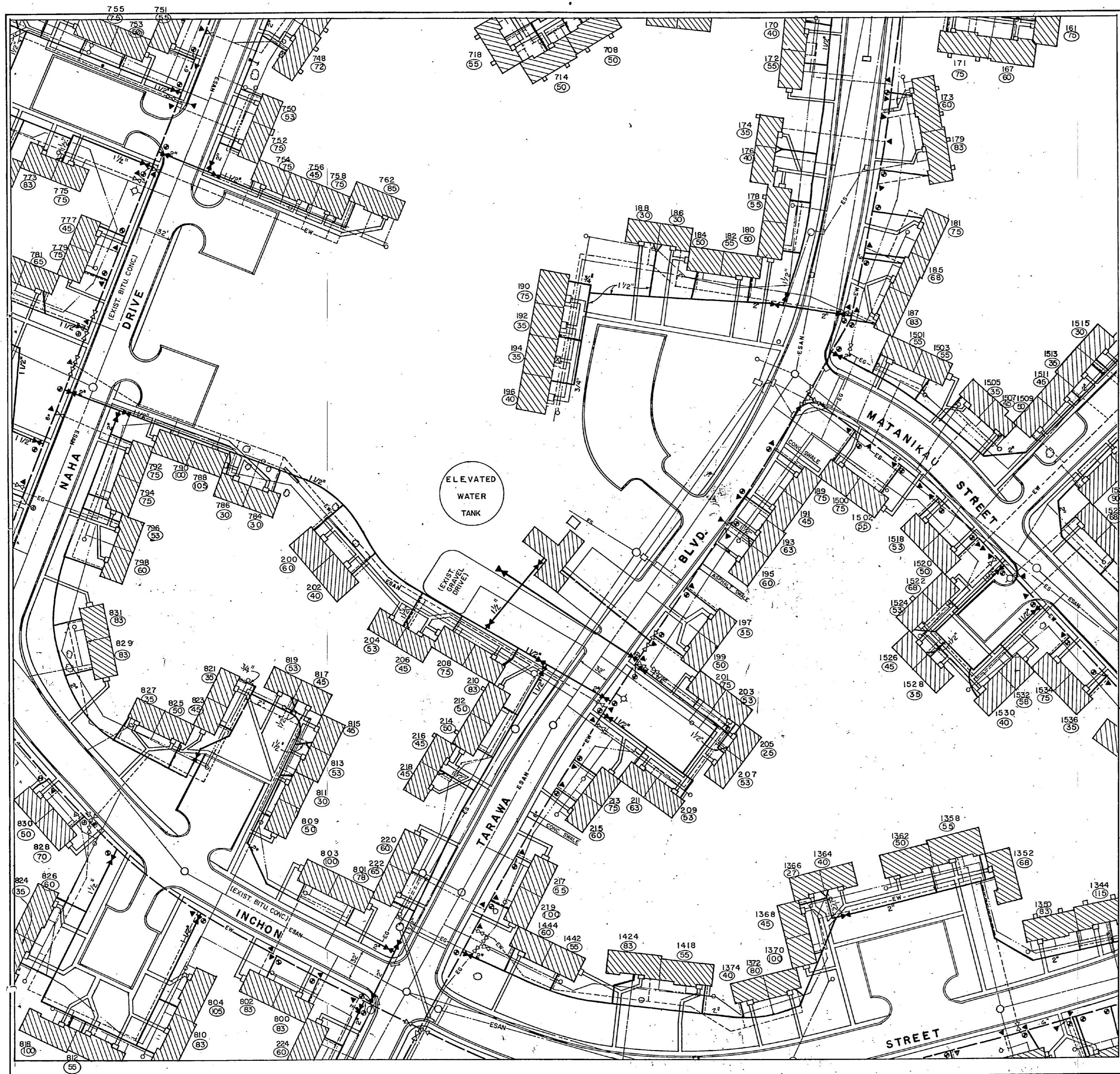
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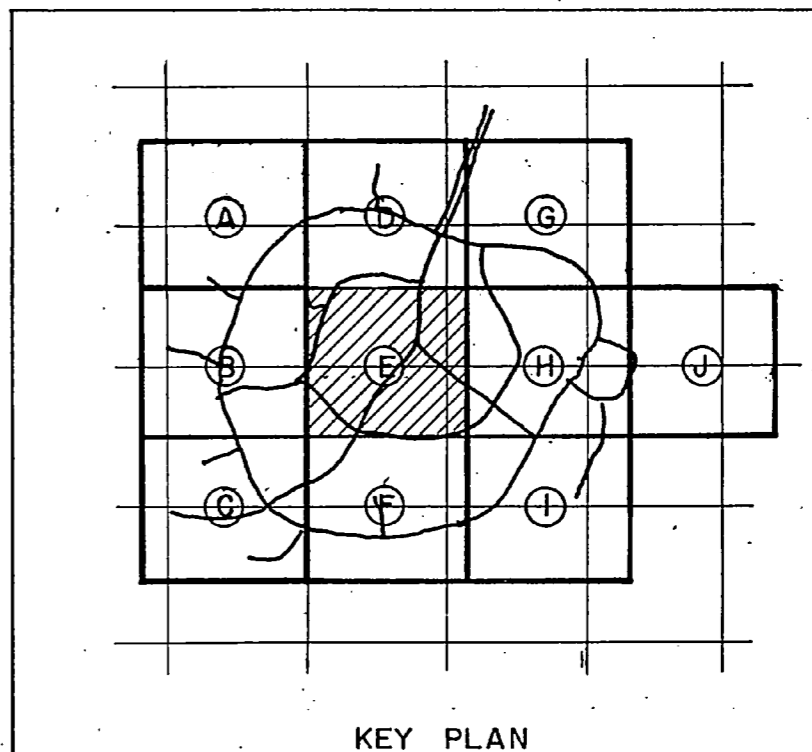
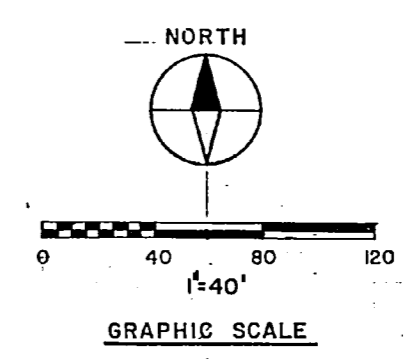
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REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/24/54



**RECORD DRAWING**  
**LETTER DATED** JAN 24 1954 **C-7**

MCKIM & CREED ENGINEERS  
WILMINGTON, N.C.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
ATLANTIC DIVISION  
NAVAL STATION NORFOLK, VIRGINIA

M.C.B. CAMP LEJEUNE, NC.

REPLACE WATER LATERALS  
TARAWA TERRACE I & II

TARAWA TERRACE I SITE PLAN, SECTION E

NAVY DRAWING NO. 4088789

SIZE CODE IDENT. F. 80091

CONSTR. CONTR. NO. N62470-B2-R-2305

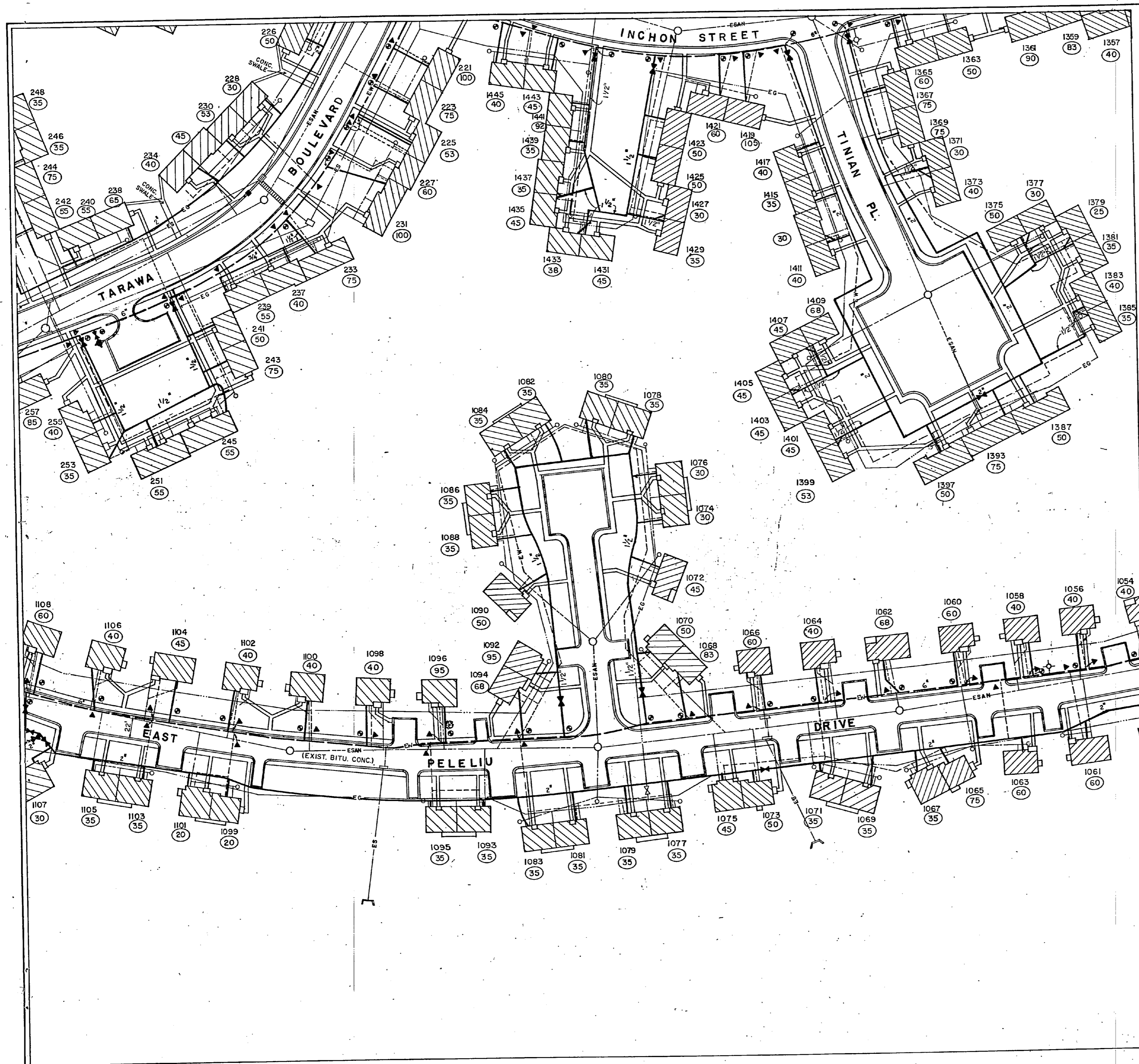
ACTIVITY - SATISFACTORY TO DATE 1 FEB 1952

SCALE: 1" = 40' SPEC. QS-92-2305 SHEET 8 OF 28

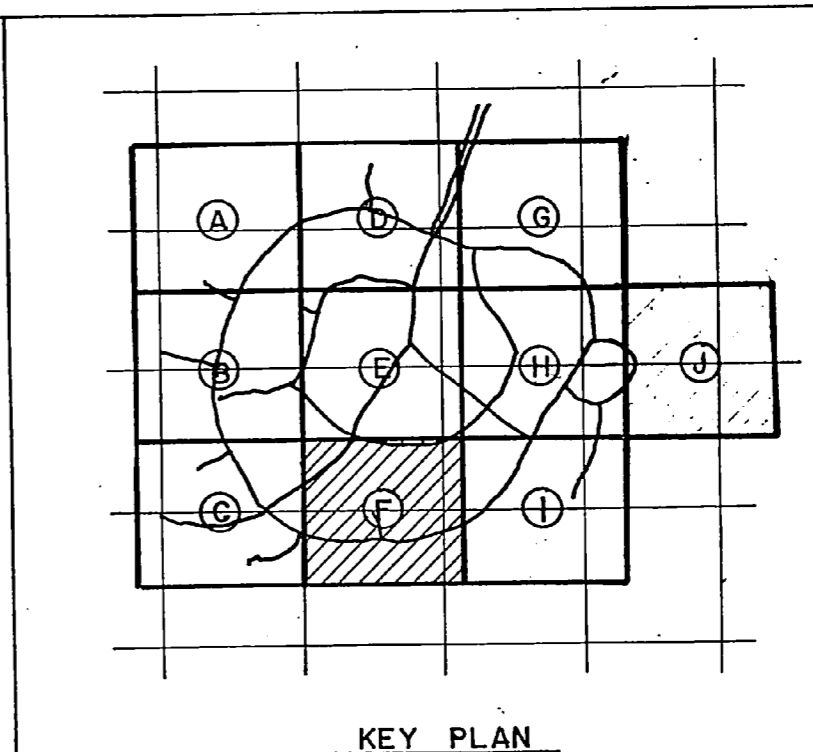
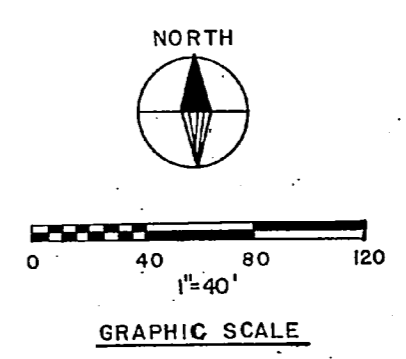
188789



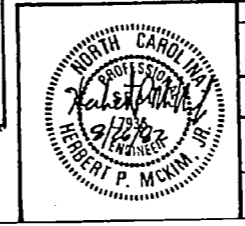
THE UNIVERSITY OF CHICAGO



REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/24/74 C.L.S.

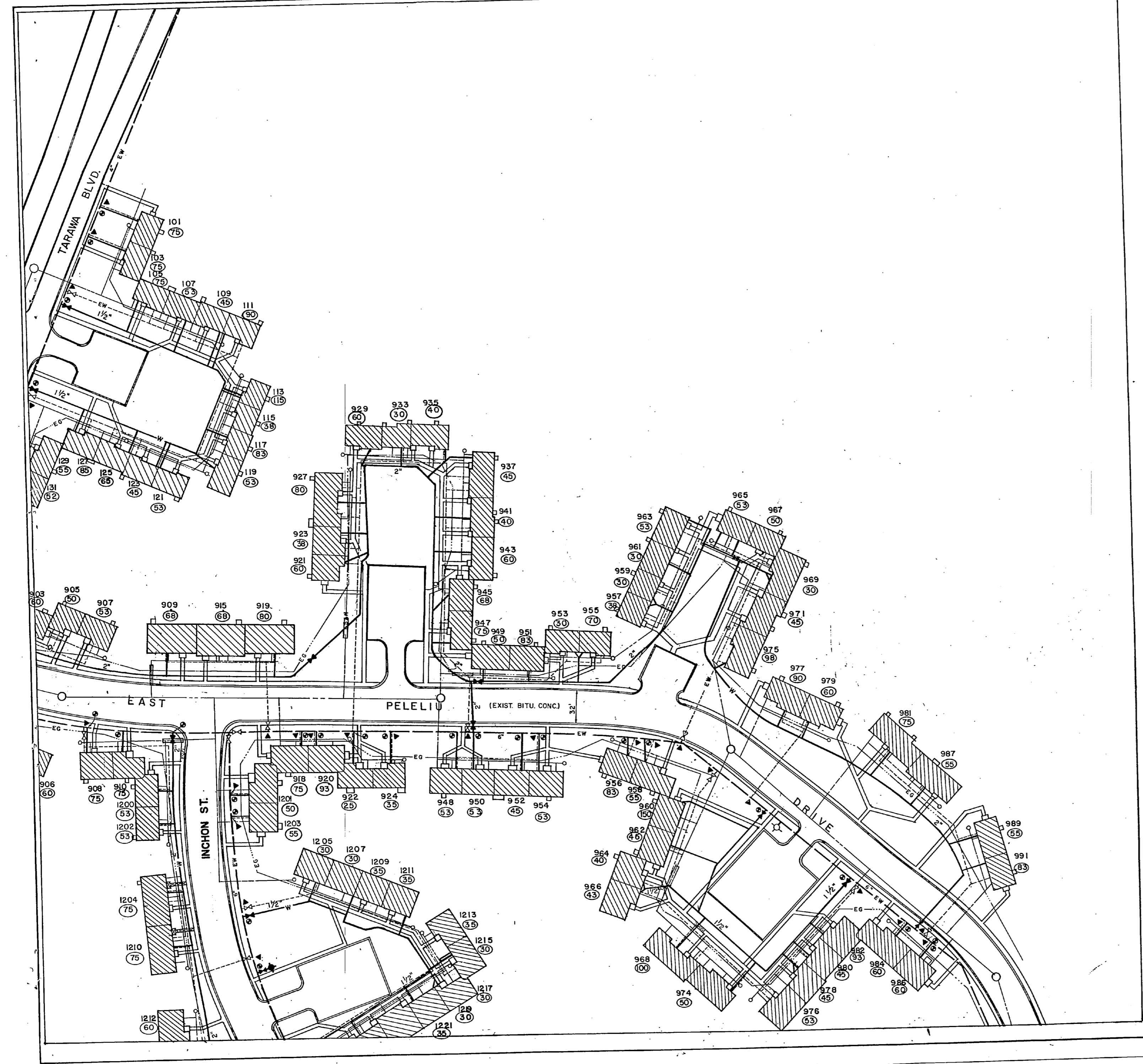


<b>RECORD DRAWING</b>		<b>C-8</b>
LETTER DATED JAN 24 1974		
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
ATLANTIC DIVISION		
NAVAL STATION NORFOLK, VIRGINIA		
M.C.B. CAMP LEJEUNE, N.C.		
REPLACE WATER LATERALS		
TARAWA TERRACE I & II		
TARAWA TERRACE I SITE PLAN SECTION F		
NAVFAC DRAWING NO. 40 88 790		
DESIGNED BY DR. HAWKIN	CHK. ENG. MCKIM	
PROJ. MGR. DR. HAWKIN	DATE 1/24/74	
SUBMITTED BY DR. HAWKIN	DATE 1/24/74	
APP. MEMBER RVO	PRINCIPAL	
NO. 11	DIR	
APPROVED BY [Signature]	DATE 1/24/74	
ACTIVITY SATISFACTORY TO	DATE 1/24/74	
APPROVED BY [Signature]	DATE 1/24/74	
DES. EFD FOR COMMANDER NAVFAC	SCALE: 1"=40'	SPEC. 05-82-2305 SHEET 9 OF 28

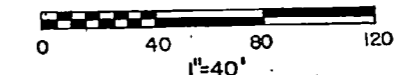




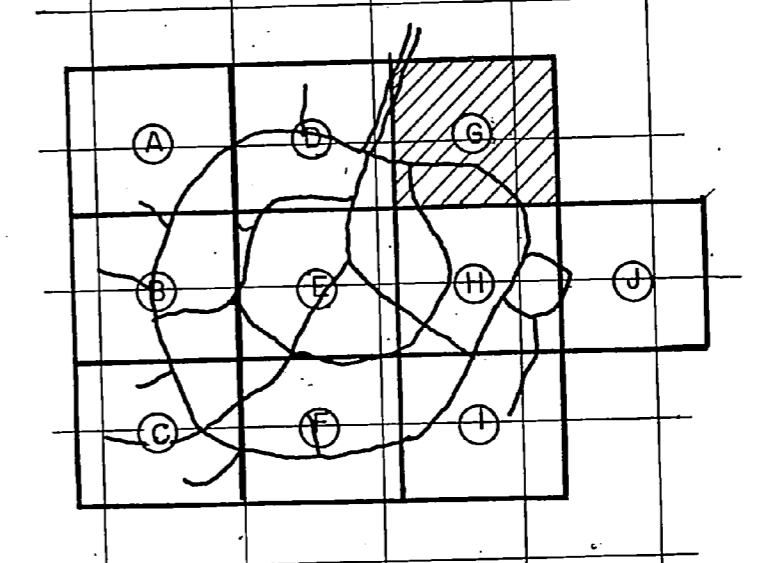




REVISIONS		DATE	APPROVED
SYM	DESCRIPTION		
	REVISED AS-BUILT	1/13/82	cat



GRAPHIC SCALE



KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JUN 24 1982

**C-9**

MCKIM & CREED ENGINEERS  
WILMINGTON, N.C.

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
**ATLANTIC DIVISION**  
NAVAL STATION NORFOLK VIRGINIA

DES. SNEED DR. HAWKIN CHK. MCKIM  
PROJ. MGR. CH. ENG.

MCB CAMP LEJEUNE, N.C.

SUBMITTED BY DATE  
7/2/82

**REPLACE WATER LATERALS  
TARAWA TERRACE I & II**

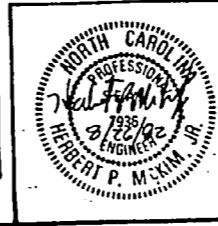
APP. MEMBER PRINCIPAL  
EFD. PP. DIR. RVD. SCH.

TARAWA TERRACE I SITE PLAN, SECTION G  
CODE IDENT. NAVFAC DRAWING NO.

APPROVED DATE  
12/2/82

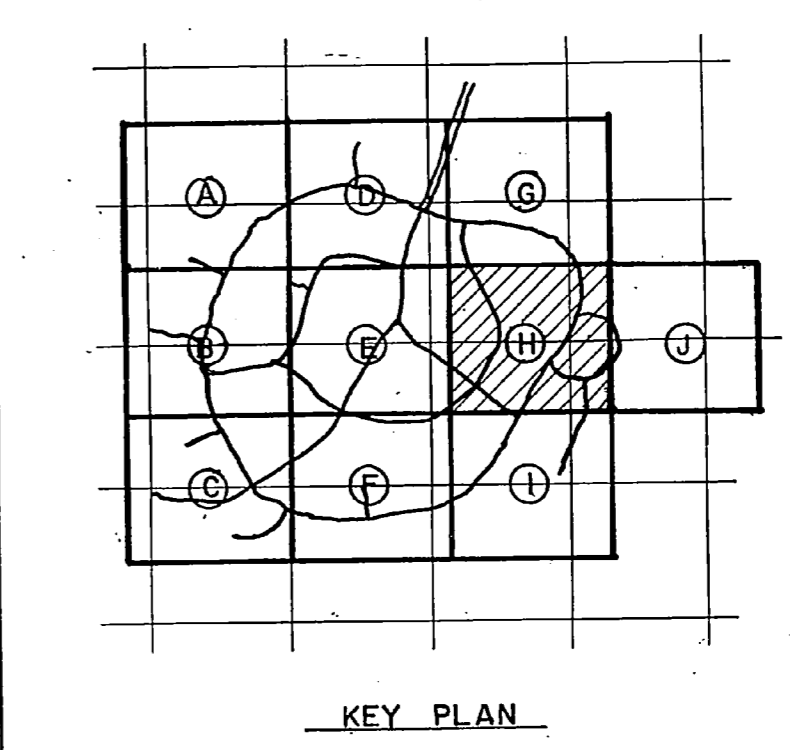
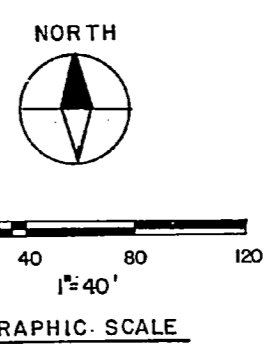
F 80091 SOUTH COAST, NO.  
N82470-82-B-2305

SCALE: 1" = 40' SPEC: 05-82-2305 SHEET 10 OF 28  
EFD. DWS. NO.  
188791





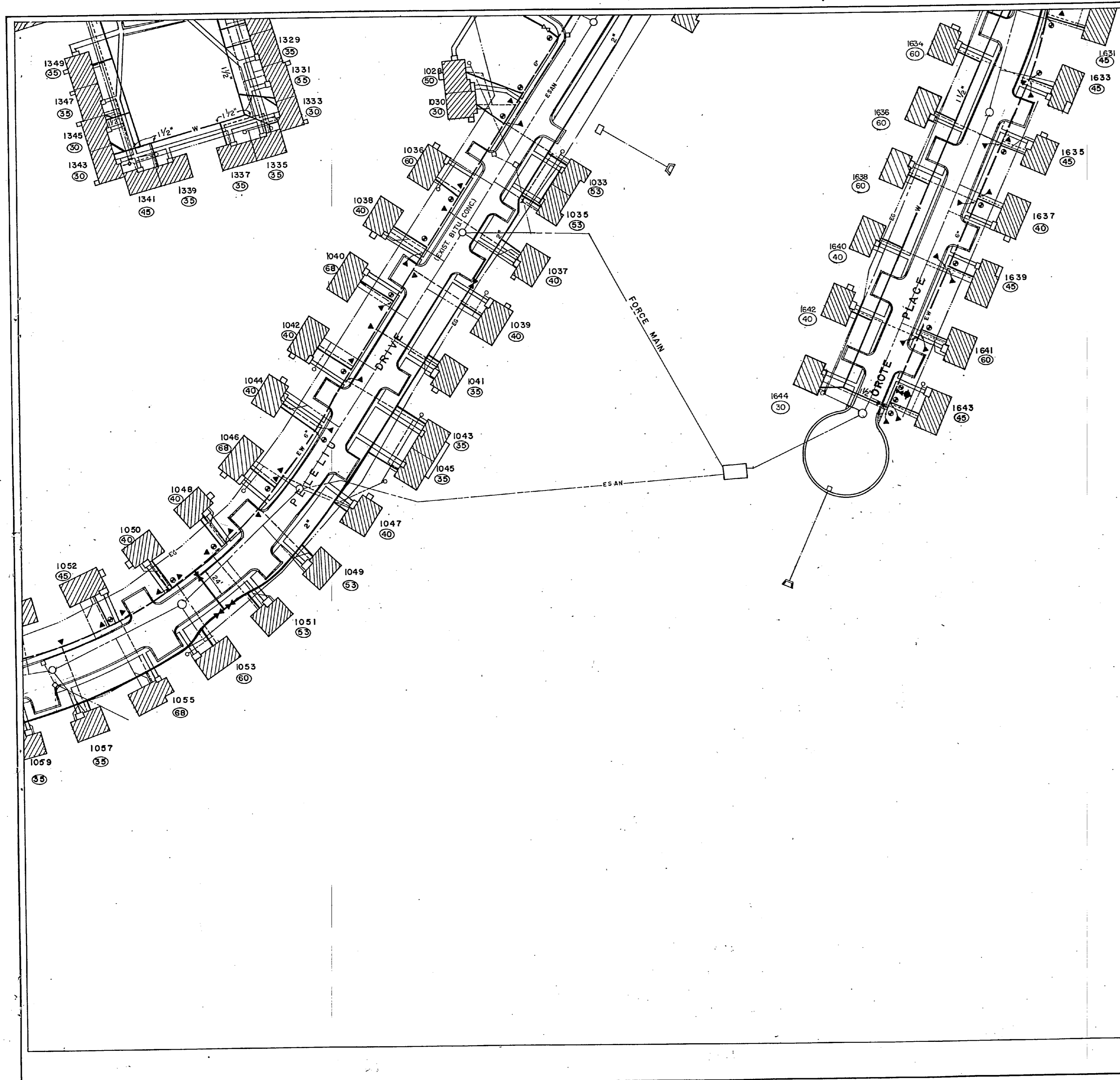
REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED A9-BUILT	1/24/64 ccs



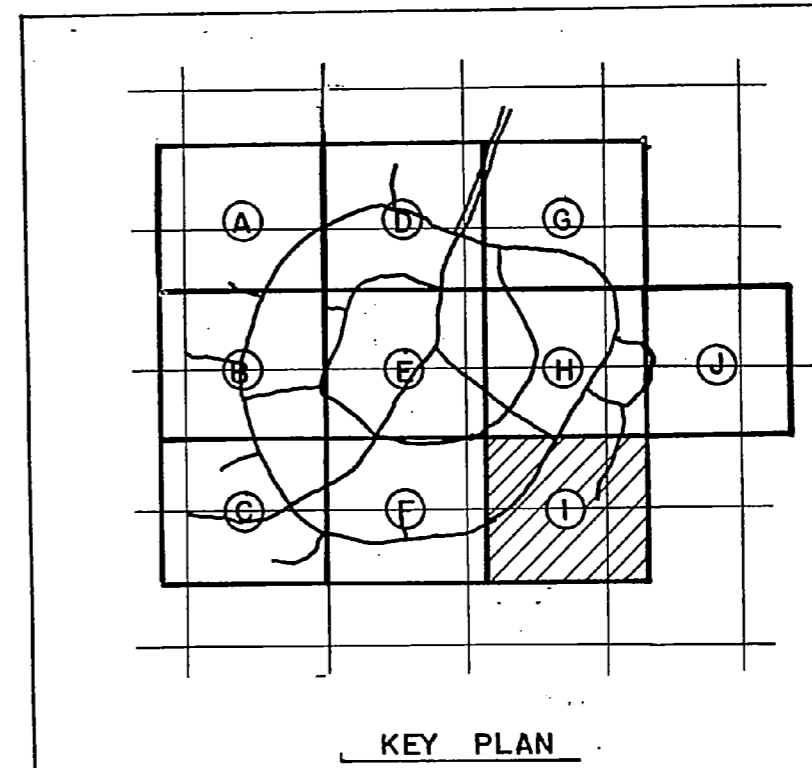
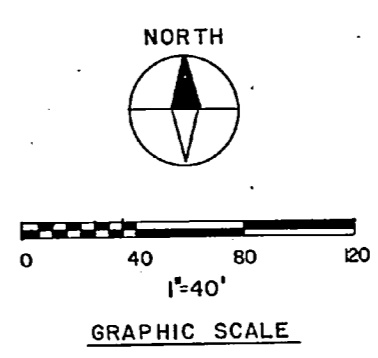
<b>RECORD DRAWING</b>		<b>C-10</b>
<b>LETTER DATED</b>		JAN 24 1964
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND		
ATLANTIC DIVISION		
NAVAL STATION NORFOLK, VIRGINIA		
MCB CAMP LEJEUNE, N.C.		
DESIGNED DR. WHITE	CHK. MCKIM	
PROJ. MGR.	CH. ENG.	
SURV. BY	DATE	
FILE NUMBER	REV.	
NO. OF SHEETS	DIR.	
APPROVED	DATE	
ACTIVITY - SATISFACTORY	DATE	
APPROVED	DATE	
FOR ETO FOR COMMANDER NAVFAC		
REPLACE WATER LATERALS		
TARAWA TERRACE I & II		
TARAWA TERRACE I SITE PLAN SECTION H		
SIZE	CODE IDENT. NO.	NAVFAC DRAWING NO.
F	80091	4088792
CONSTR. CONTR. NO.	NAVY DTD. NO.	
N62470-82-P-2305		
SCALE: 1"=40'	SPEC: 05-62-2305	SHEET 11 OF 28
EFD DWO NO.		188792



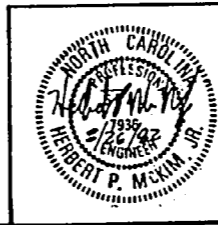
Year	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030																																																																																																																																																																																																																																																																																																																																																																																																											
Population	150,000	155,000	160,000	165,000	170,000	175,000	180,000	185,000	190,000	195,000	200,000	205,000	210,000	215,000	220,000	225,000	230,000	235,000	240,000	245,000	250,000	255,000	260,000	265,000	270,000	275,000	280,000	285,000	290,000	295,000	300,000	305,000	310,000	315,000	320,000	325,000	330,000	335,000	340,000	345,000	350,000	355,000	360,000	365,000	370,000	375,000	380,000	385,000	390,000	395,000	400,000	405,000	410,000	415,000	420,000	425,000	430,000	435,000	440,000	445,000	450,000	455,000	460,000	465,000	470,000	475,000	480,000	485,000	490,000	495,000	500,000	505,000	510,000	515,000	520,000	525,000	530,000	535,000	540,000	545,000	550,000	555,000	560,000	565,000	570,000	575,000	580,000	585,000	590,000	595,000	600,000	605,000	610,000	615,000	620,000	625,000	630,000	635,000	640,000	645,000	650,000	655,000	660,000	665,000	670,000	675,000	680,000	685,000	690,000	695,000	700,000	705,000	710,000	715,000	720,000	725,000	730,000	735,000	740,000	745,000	750,000	755,000	760,000	765,000	770,000	775,000	780,000	785,000	790,000	795,000	800,000	805,000	810,000	815,000	820,000	825,000	830,000	835,000	840,000	845,000	850,000	855,000	860,000	865,000	870,000	875,000	880,000	885,000	890,000	895,000	900,000	905,000	910,000	915,000	920,000	925,000	930,000	935,000	940,000	945,000	950,000	955,000	960,000	965,000	970,000	975,000	980,000	985,000	990,000	995,000	1,000,000																																																																																																																																																																																																																																																																																																																	
GDP	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355	360	365	370	375	380	385	390	395	400	405	410	415	420	425	430	435	440	445	450	455	460	465	470	475	480	485	490	495	500	505	510	515	520	525	530	535	540	545	550	555	560	565	570	575	580	585	590	595	600	605	610	615	620	625	630	635	640	645	650	655	660	665	670	675	680	685	690	695	700	705	710	715	720	725	730	735	740	745	750	755	760	765	770	775	780	785	790	795	800	805	810	815	820	825	830	835	840	845	850	855	860	865	870	875	880	885	890	895	900	905	910	915	920	925	930	935	940	945	950	955	960	965	970	975	980	985	990	995	1,000																																																																																																																																																																																																																																																																																																							
Unemployment	5.0%	5.2%	5.4%	5.6%	5.8%	6.0%	6.2%	6.4%	6.6%	6.8%	7.0%	7.2%	7.4%	7.6%	7.8%	8.0%	8.2%	8.4%	8.6%	8.8%	9.0%	9.2%	9.4%	9.6%	9.8%	10.0%	10.2%	10.4%	10.6%	10.8%	11.0%	11.2%	11.4%	11.6%	11.8%	12.0%	12.2%	12.4%	12.6%	12.8%	13.0%	13.2%	13.4%	13.6%	13.8%	14.0%	14.2%	14.4%	14.6%	14.8%	15.0%	15.2%	15.4%	15.6%	15.8%	16.0%	16.2%	16.4%	16.6%	16.8%	17.0%	17.2%	17.4%	17.6%	17.8%	18.0%	18.2%	18.4%	18.6%	18.8%	19.0%	19.2%	19.4%	19.6%	19.8%	20.0%	20.2%	20.4%	20.6%	20.8%	21.0%	21.2%	21.4%	21.6%	21.8%	22.0%	22.2%	22.4%	22.6%	22.8%	23.0%	23.2%	23.4%	23.6%	23.8%	24.0%	24.2%	24.4%	24.6%	24.8%	25.0%	25.2%	25.4%	25.6%	25.8%	26.0%	26.2%	26.4%	26.6%	26.8%	27.0%	27.2%	27.4%	27.6%	27.8%	28.0%	28.2%	28.4%	28.6%	28.8%	29.0%	29.2%	29.4%	29.6%	29.8%	30.0%	30.2%	30.4%	30.6%	30.8%	31.0%	31.2%	31.4%	31.6%	31.8%	32.0%	32.2%	32.4%	32.6%	32.8%	33.0%	33.2%	33.4%	33.6%	33.8%	34.0%	34.2%	34.4%	34.6%	34.8%	35.0%	35.2%	35.4%	35.6%	35.8%	36.0%	36.2%	36.4%	36.6%	36.8%	37.0%	37.2%	37.4%	37.6%	37.8%	38.0%	38.2%	38.4%	38.6%	38.8%	39.0%	39.2%	39.4%	39.6%	39.8%	40.0%	40.2%	40.4%	40.6%	40.8%	41.0%	41.2%	41.4%	41.6%	41.8%	42.0%	42.2%	42.4%	42.6%	42.8%	43.0%	43.2%	43.4%	43.6%	43.8%	44.0%	44.2%	44.4%	44.6%	44.8%	45.0%	45.2%	45.4%	45.6%	45.8%	46.0%	46.2%	46.4%	46.6%	46.8%	47.0%	47.2%	47.4%	47.6%	47.8%	48.0%	48.2%	48.4%	48.6%	48.8%	49.0%	49.2%	49.4%	49.6%	49.8%	50.0%	50.2%	50.4%	50.6%	50.8%	51.0%	51.2%	51.4%	51.6%	51.8%	52.0%	52.2%	52.4%	52.6%	52.8%	53.0%	53.2%	53.4%	53.6%	53.8%	54.0%	54.2%	54.4%	54.6%	54.8%	55.0%	55.2%	55.4%	55.6%	55.8%	56.0%	56.2%	56.4%	56.6%	56.8%	57.0%	57.2%	57.4%	57.6%	57.8%	58.0%	58.2%	58.4%	58.6%	58.8%	59.0%	59.2%	59.4%	59.6%	59.8%	60.0%	60.2%	60.4%	60.6%	60.8%	61.0%	61.2%	61.4%	61.6%	61.8%	62.0%	62.2%	62.4%	62.6%	62.8%	63.0%	63.2%	63.4%	63.6%	63.8%	64.0%	64.2%	64.4%	64.6%	64.8%	65.0%	65.2%	65.4%	65.6%	65.8%	66.0%	66.2%	66.4%	66.6%	66.8%	67.0%	67.2%	67.4%	67.6%	67.8%	68.0%	68.2%	68.4%	68.6%	68.8%	69.0%	69.2%	69.4%	69.6%	69.8%	70.0%	70.2%	70.4%	70.6%	70.8%	71.0%	71.2%	71.4%	71.6%	71.8%	72.0%	72.2%	72.4%	72.6%	72.8%	73.0%	73.2%	73.4%	73.6%	73.8%	74.0%	74.2%	74.4%	74.6%	74.8%	75.0%	75.2%	75.4%	75.6%	75.8%	76.0%	76.2%	76.4%	76.6%	76.8%	77.0%	77.2%	77.4%	77.6%	77.8%	78.0%	78.2%	78.4%	78.6%	78.8%	79.0%	79.2%	79.4%	79.6%	79.8%	80.0%	80.2%	80.4%	80.6%	80.8%	81.0%	81.2%	81.4%	81.6%	81.8%	82.0%	82.2%	82.4%	82.6%	82.8%	83.0%	83.2%	83.4%	83.6%	83.8%	84.0%	84.2%	84.4%	84.6%	84.8%	85.0%	85.2%	85.4%	85.6%	85.8%	86.0%	86.2%	86.4%	86.6%	86.8%	87.0%	87.2%	87.4%	87.6%	87.8%	88.0%	88.2%	88.4%	88.6%	88.8%	89.0%	89.2%	89.4%	89.6%	89.8%	90.0%	90.2%	90.4%	90.6%	90.8%	91.0%	91.2%	91.4%	91.6%	91.8%	92.0%	92.2%	92.4%	92.6%	92.8%	93.0%	93.2%	93.4%	93.6%	93.8%	94.0%	94.2%	94.4%	94.6%	94.8%	95.0%	95.2%	95.4%	95.6%	95.8%	96.0%	96.2%	96.4%	96.6%	96.8%	97.0%	97.2%	97.4%	97.6%	97.8%	98.0%	98.2%	98.4%	98.6%	98.8%	99.0%	99.2%	99.4%	99.6%	99.8%	1,000%



REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/21/82 CWT

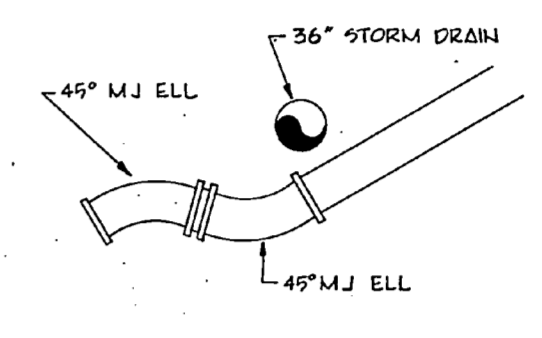


<b>RECORD DRAWING</b>		<b>C-11</b>	
LETTER DATED JAN 24 1982		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		ATLANTIC DIVISION	
DESIGNED BY DR. WHITE		NAVAL STATION	
CHKD BY MCKIM		MCB, CAMP LEJEUNE, N.C.	
PROJ. MGR.		REPLACE WATER LATERALS	
SUBMITTED BY		TARAWA TERRACE I - SITE PLAN, SECTION I	
DATE		NAVFAC DRAWING NO.	
1/21/82		40 88733	
FIRM MEMBER		SIZE	
PRINCIPAL		F 80091	
EFD: PP		CONSTR. CODE NO.	
NO. 11		N82470-B2-B-2305	
APPROVED		SHEET 12 OF 28	
DATE		SCALE: 1"=40'	
1/21/82		SPEC. 05-82-2305	
FOR EFD FOR COMMANDER NAVFAC		EFD CWT NO.	
		188793	

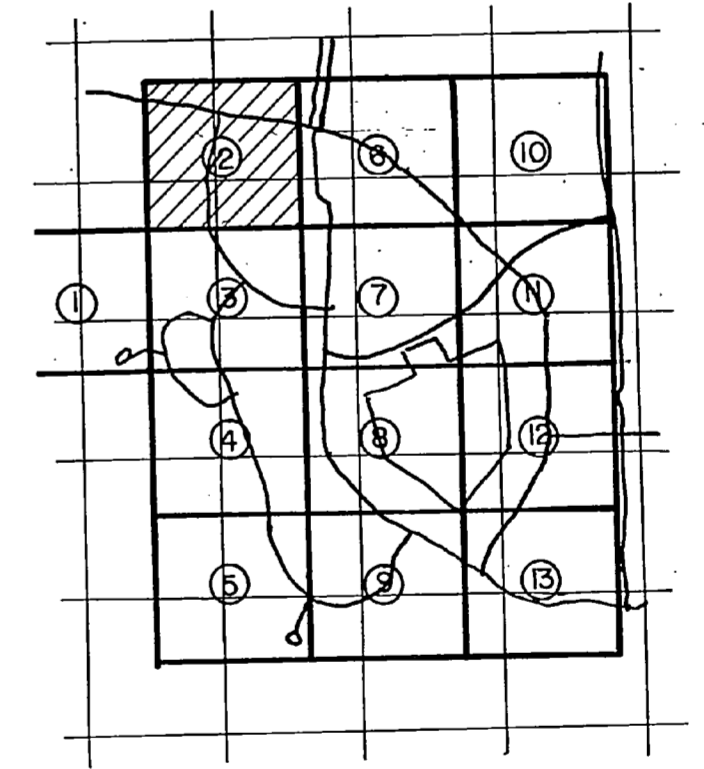
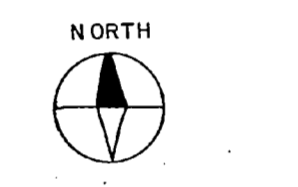




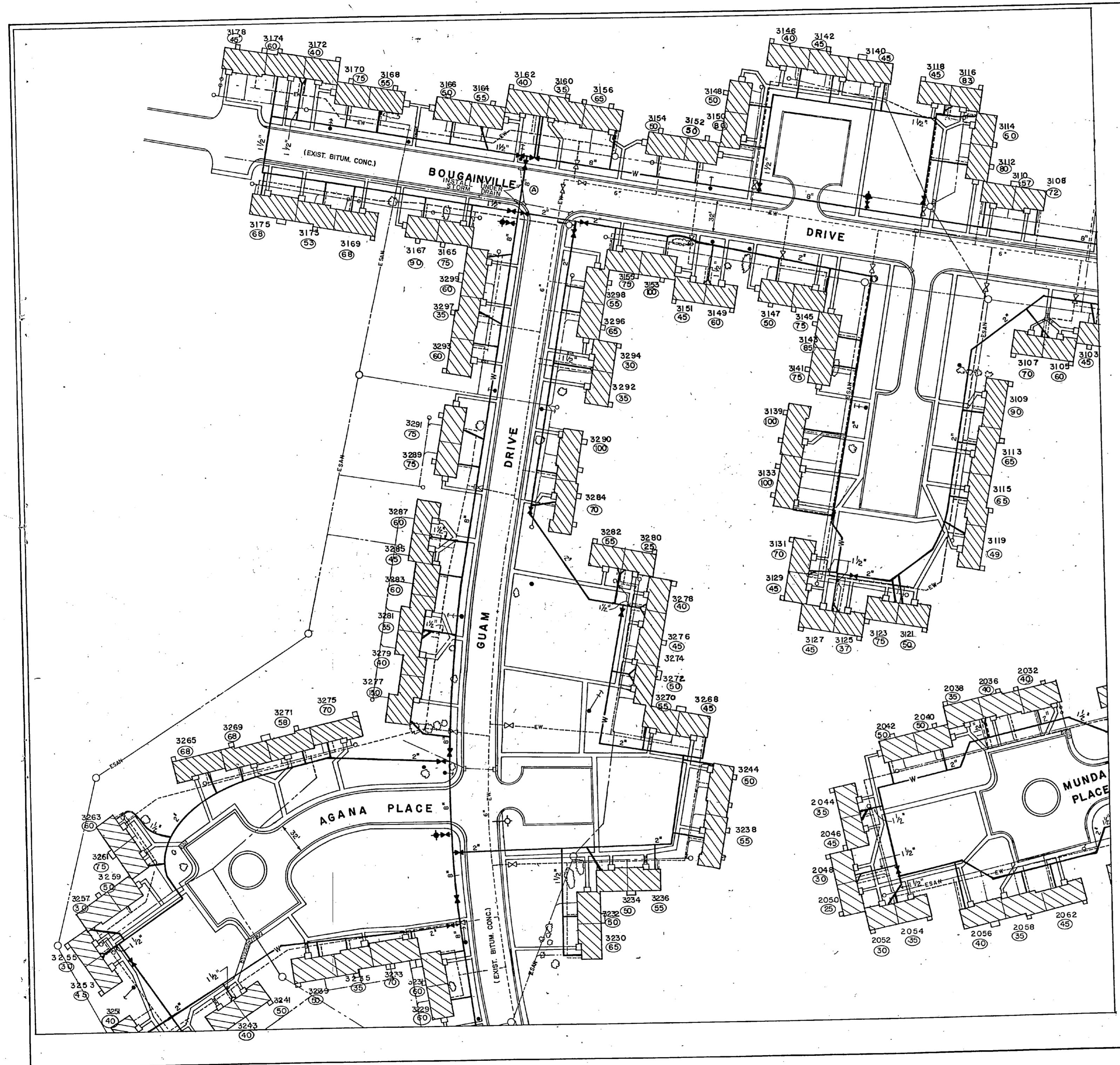
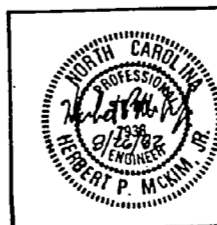
REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
(A)	REVISED AS-BUILT	1/24/54



8" LINE CROSSING BOUGAINVILLE HAS AN APPROX. 7' DROP TO GO UNDER 36" STORM DRAIN. TWO 45" ELLS WERE PLACED TO RETURN TO A 30" BURY

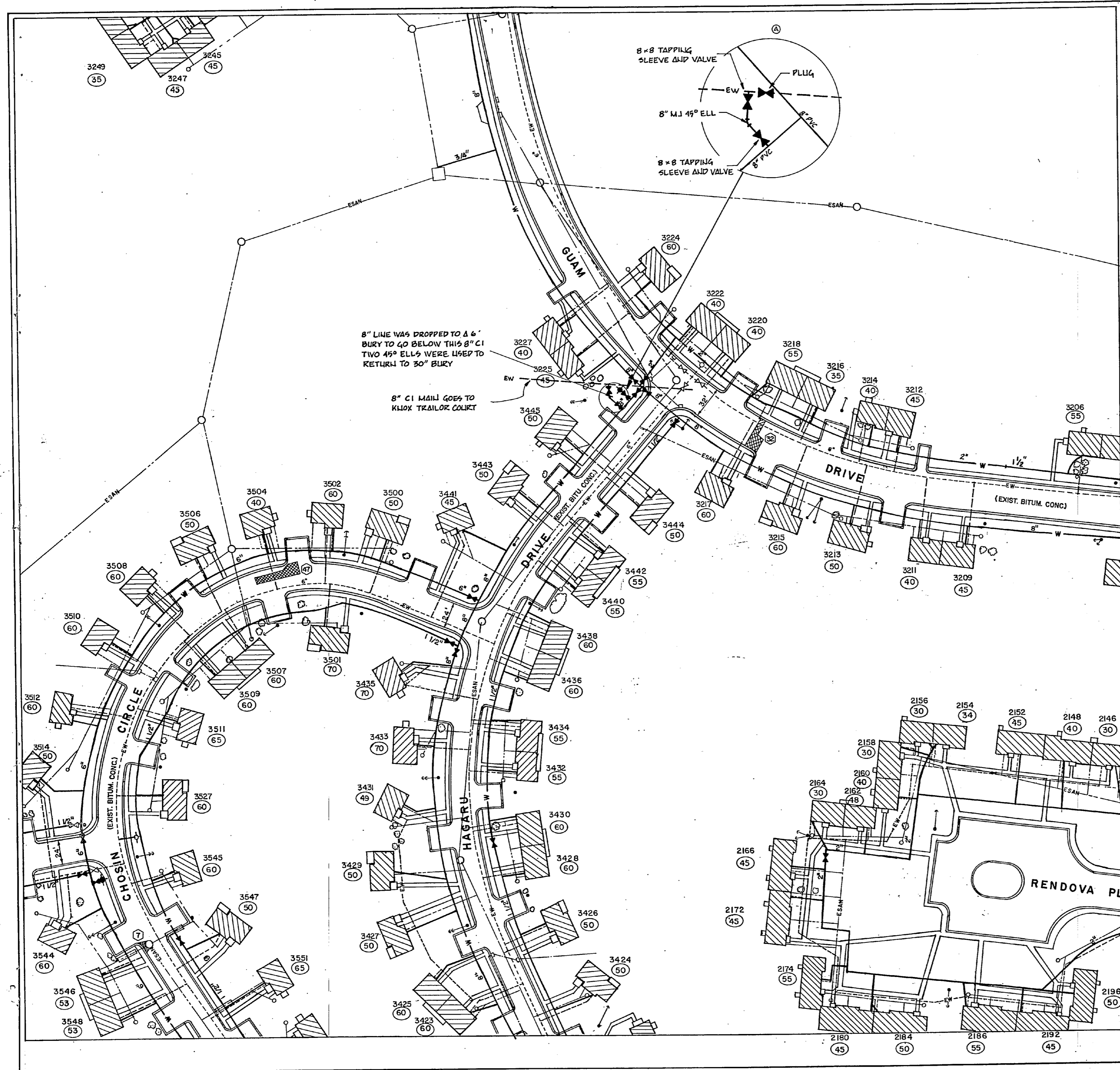


<b>RECORD DRAWING</b>		<b>C-14</b>
LETTER DATED JAN 24 1954		
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION M.C.B. CAMP LEJEUNE, N.C.
DESIGNED BY DR. GULLEY	CH. ENG.	REPLACE WATER LATERALS TARAWA TERRACE I & II
PROJ. MGR.	DATE	TARAWA TERRACE II SITE PLAN, SECTION 2
APP. BY	DATE	NAVYAC DRAWING NO. 4088796
APPROVED	DATE	SIZE CODE IDENT. NAVY 80091
ACTIVITY SATISFACTORY TO	DATE	CONTRACT NO. NS4470-82-B-2305
FOR EFD FOR COMMANDER NAVAL	DATE	SCALE 1" = 40' SPEC. 05-82-2305 SHEET 15 OF 28
		EFD Dwg. No. 188796

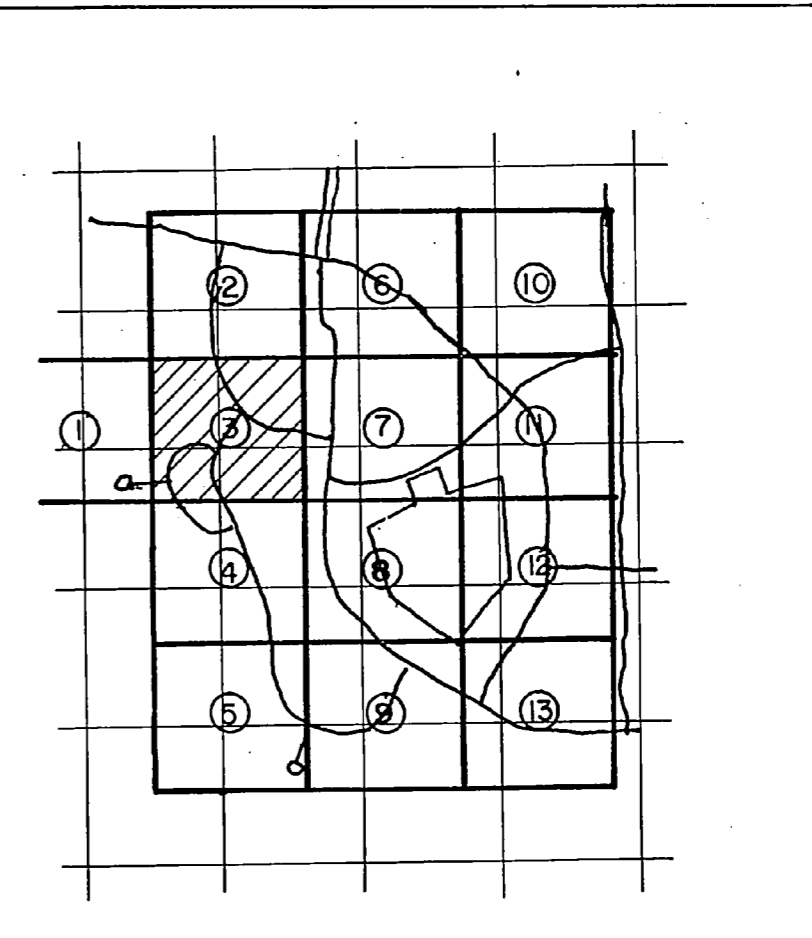
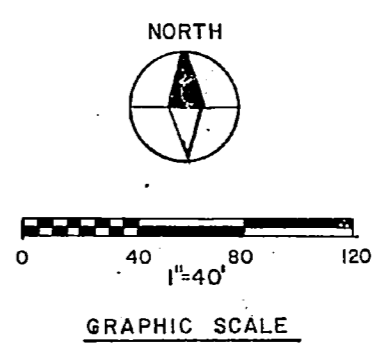








REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
(A)	REVISED AS-BUILT	1/14/64

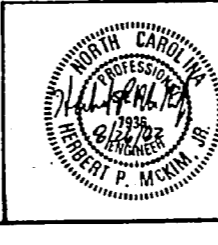


**RECORD DRAWING**  
**LETTER DATED** JAN 24 1964 **C-15**

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
ATLANTIC DIVISION  
NAVAL STATION NORFOLK, VIRGINIA  
M.C.B. CAMP LEJEUNE, N.C.

DES. SNEED DR. GULLEY CHK. MCKIM  
PROJ. MGR. CH. ENG.  
SUBMITTED BY *Tommy D. Hill* DATE *8/22/62*  
PRIN. MEMBER PRINCIPAL  
NO. *111* DIV. *222*  
EFD. PP. *222* DIR. *222*  
APPROVED DATE *8/22/62*  
ACTIVITY - SATISFACTORY TO  
APPROVED DATE *1/22/64*  
FOR EFD FOR COMMANDER NAVFAC

REPLACE WATER LATERALS  
TARAWA TERRACE I & II  
TARAWA TERRACE II SITE PLAN, SECTION 3  
NAVFAC DRAWING NO. 4028797  
CODE IDENT. NO. F 80091  
CDD-16 COM. NO. N62470-B2-B-2305  
SCALE: 1"=40' SPEC. 05-B2-2305 SHEET 16 OF 29  
EFD DWD. NO. 188797

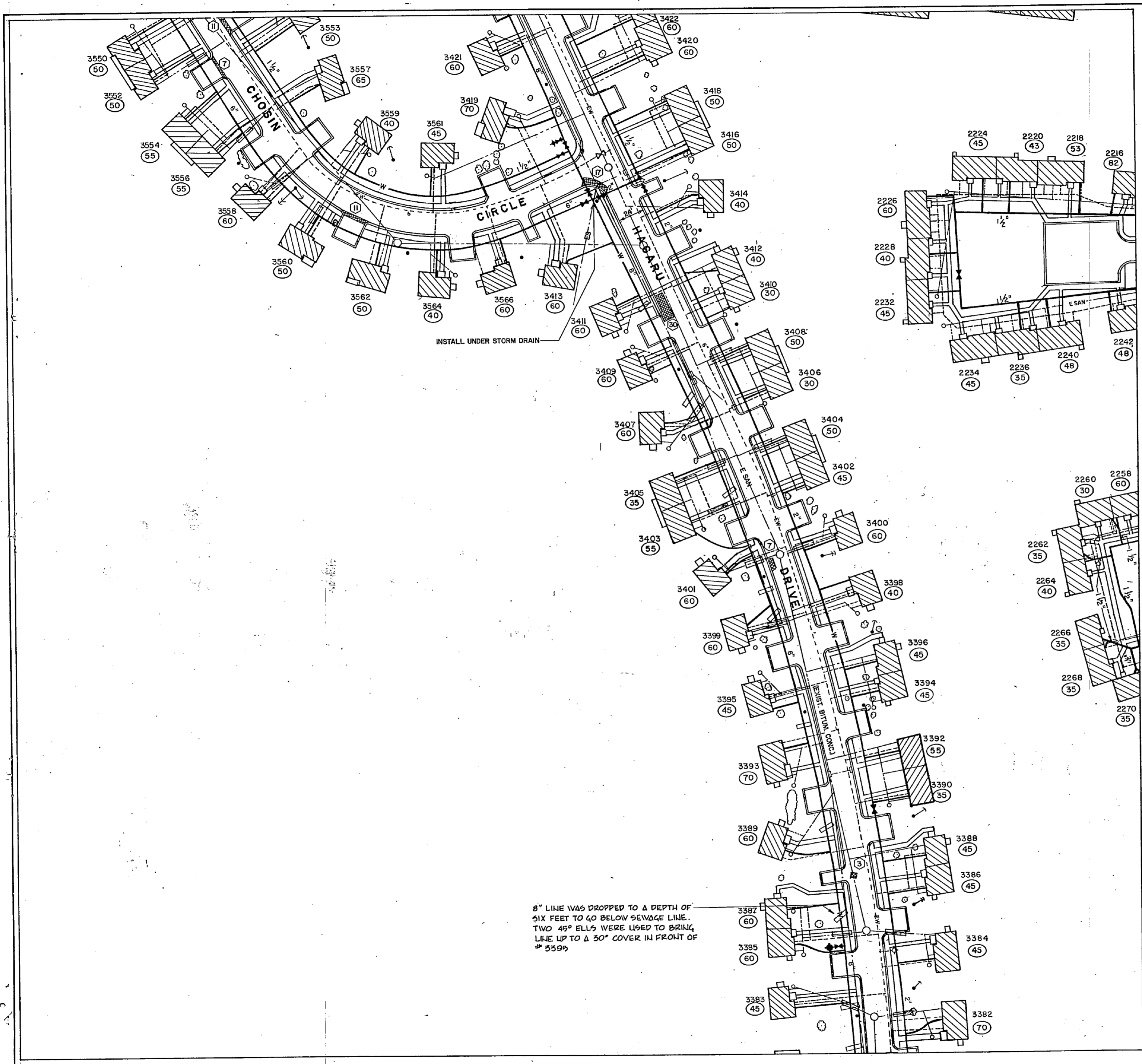


423

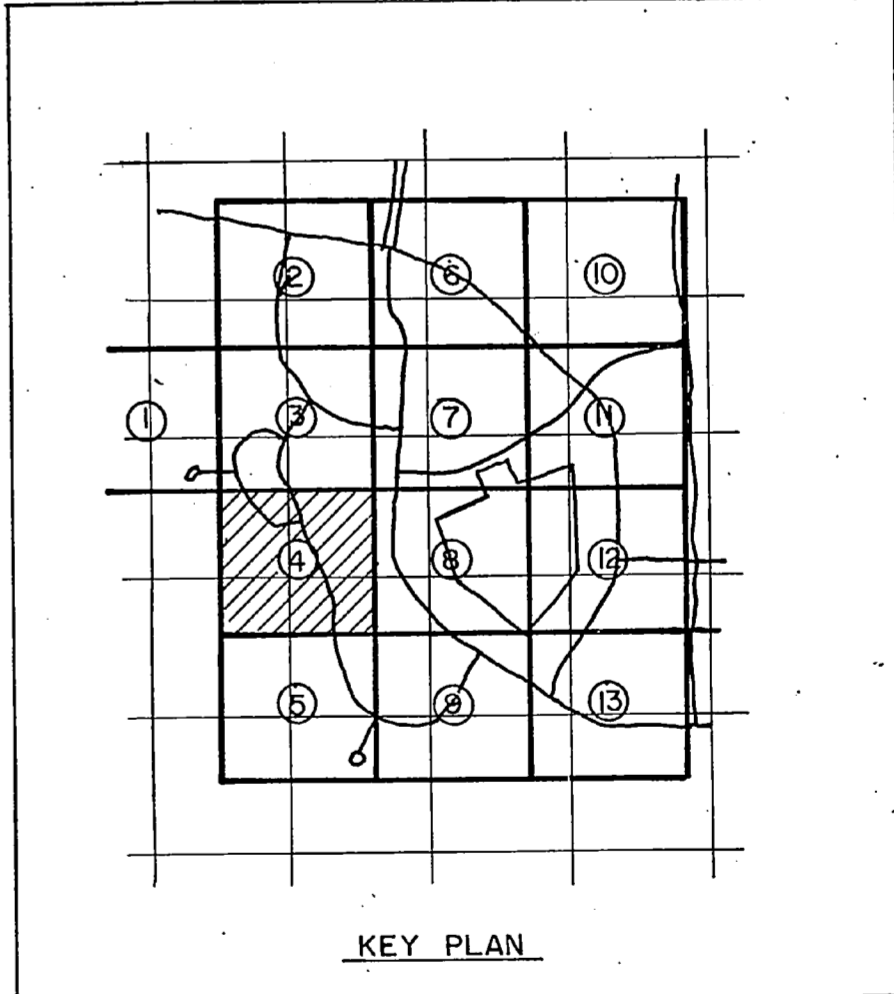
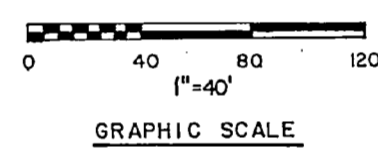
274

124

104



REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/24/82

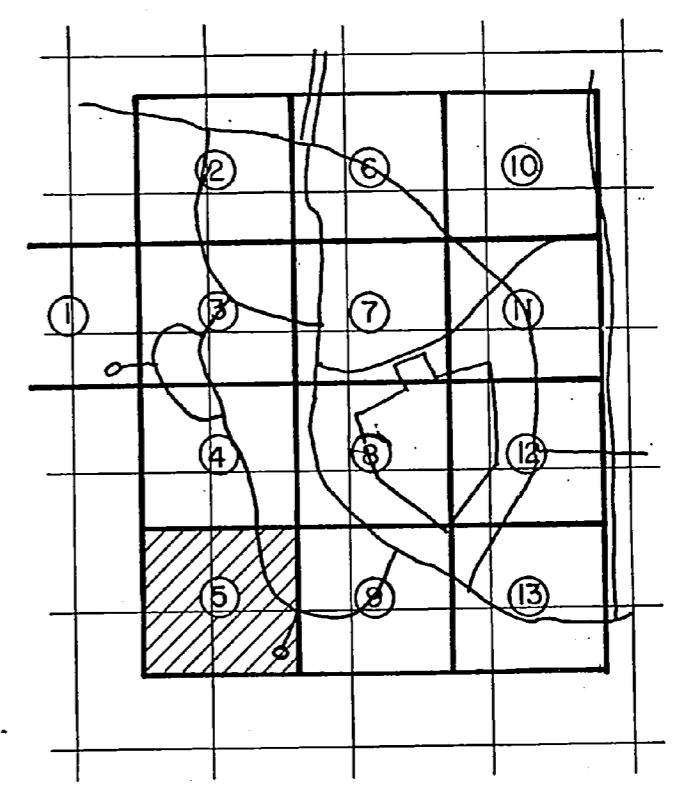
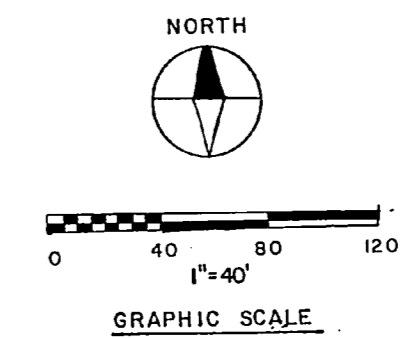
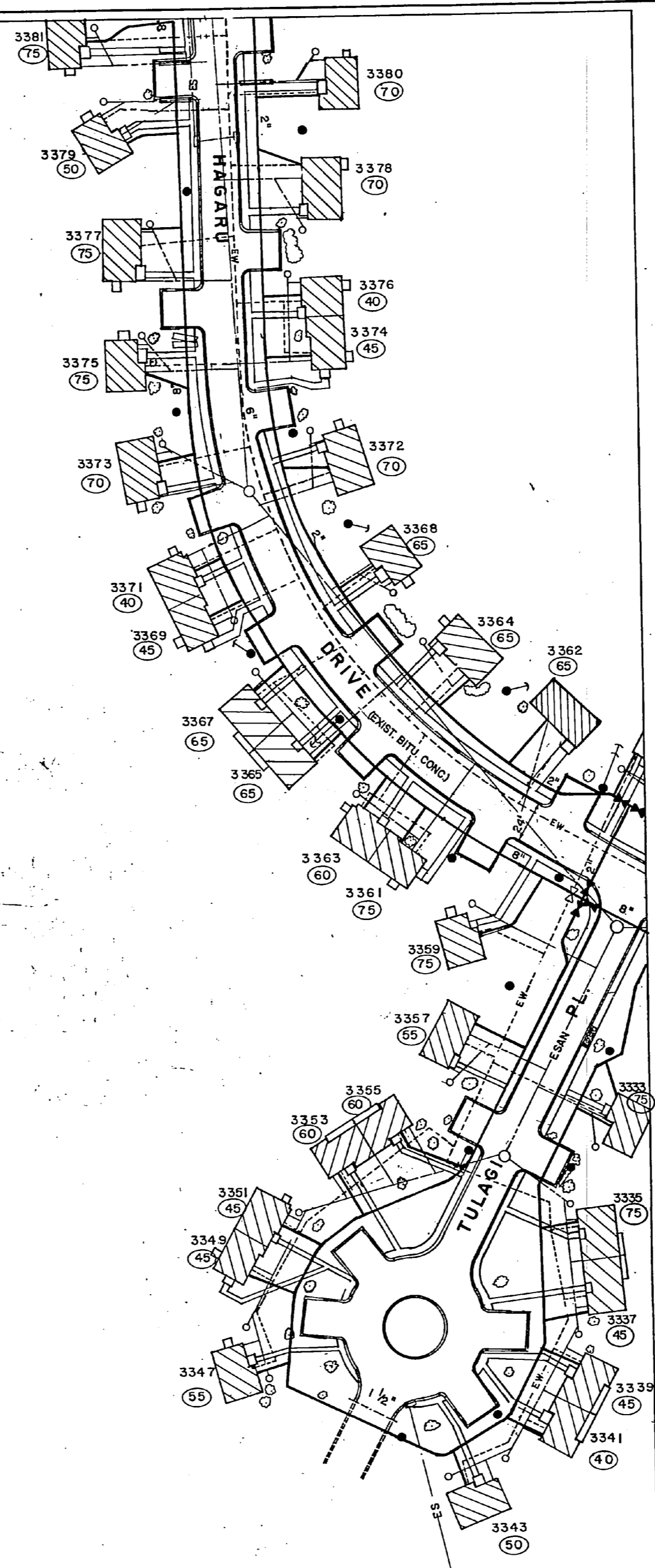


<b>RECORD DRAWING</b>		<b>C-16</b>	
<b>LETTER DATED</b> JAN 24 1982			
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		DEPARTMENT OF THE NAVY - NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION - NORFOLK, VIRGINIA	
DRS. SNEED DR. GULLY CHG. MCKIM PRCS. MGR. CH. ENG.		M.C.B. CAMP LEJEUNE, N.C.	
SUBMITTED BY: <i>[Signature]</i> DATE: 8/24/80		REPLACE WATER LATERALS TARAWA TERRACE I & II	
FROM: WHEELER PRINCIPAL		TARAWA TERRACE II SITE PLAN SECTION 4	
EFD: PP-22X RVD: <i>[Signature]</i>		NAVFAC DRAWING NO. 4088798	
NO. 11A DIR		SIZE: CODE IDENT. NO. 80091	
APPROVED: <i>[Signature]</i> DATE: 1/24/82		FORSEER CONTR. NO. N62470-82-B-2305	
ACTIVITY: Satisfactory		SCALE: 1"=40' SPEC. 05-82-2305	
FOR ETO FOR COMMANDER NAVFAC		SHEET 17 OF 28	
		EFD DWS. NO. 188758	





REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS BUILT	1/24/54 CES



KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JAN 24 1954 **C-17**

MCKIM & CREED ENGINEERS WILMINGTON, N.C.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION	
DES. SNEED DRG. GULLEY CHK. MCKIM		NAVAL STATION	
PROJ. MGR. CH. ENR.		MCB, CAMP LEJEUNE, N.C.	
SUBMITTED BY: <i>W. J. ...</i> DATE: 8/26/52		REPLACE WATER LATERALS TARAWA TERRACE I & II	
FIRM MEMBER: <i>W. J. ...</i> RVO: <i>...</i> PRINCIPAL:		TARAWA TERRACE II SITE PLAN, SECTION 5	
APPROVED: <i>W. J. ...</i> DATE: <i>...</i>		NAVIC DRAWING NO. 4088799	
ACTIVITY - SATISFACTORY		SIZE: F CODE IDENTIF. 80091	
APPROVED FOR COMMANDER NAVFAC		SCALE: 1"=40' SPEC: 05-82-2305 SHEET 18 OF 28	



10

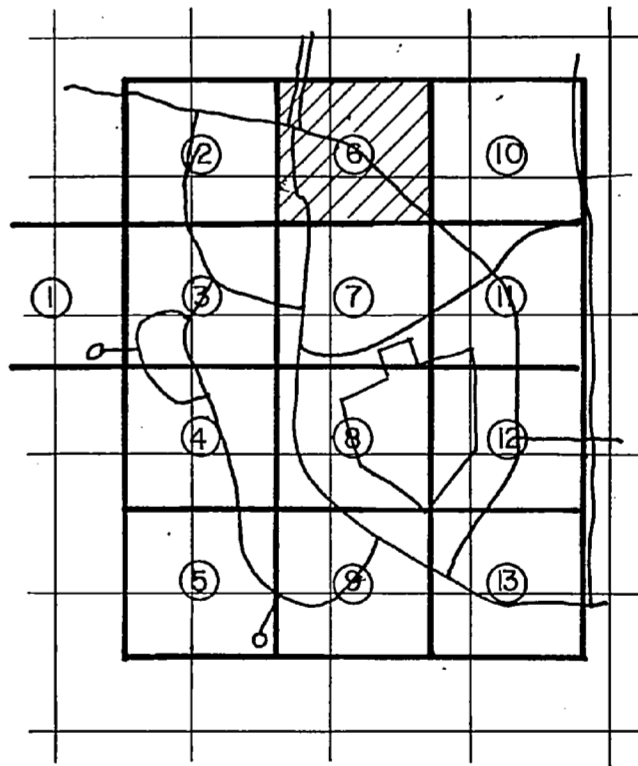
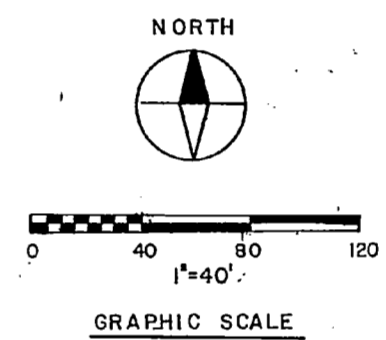
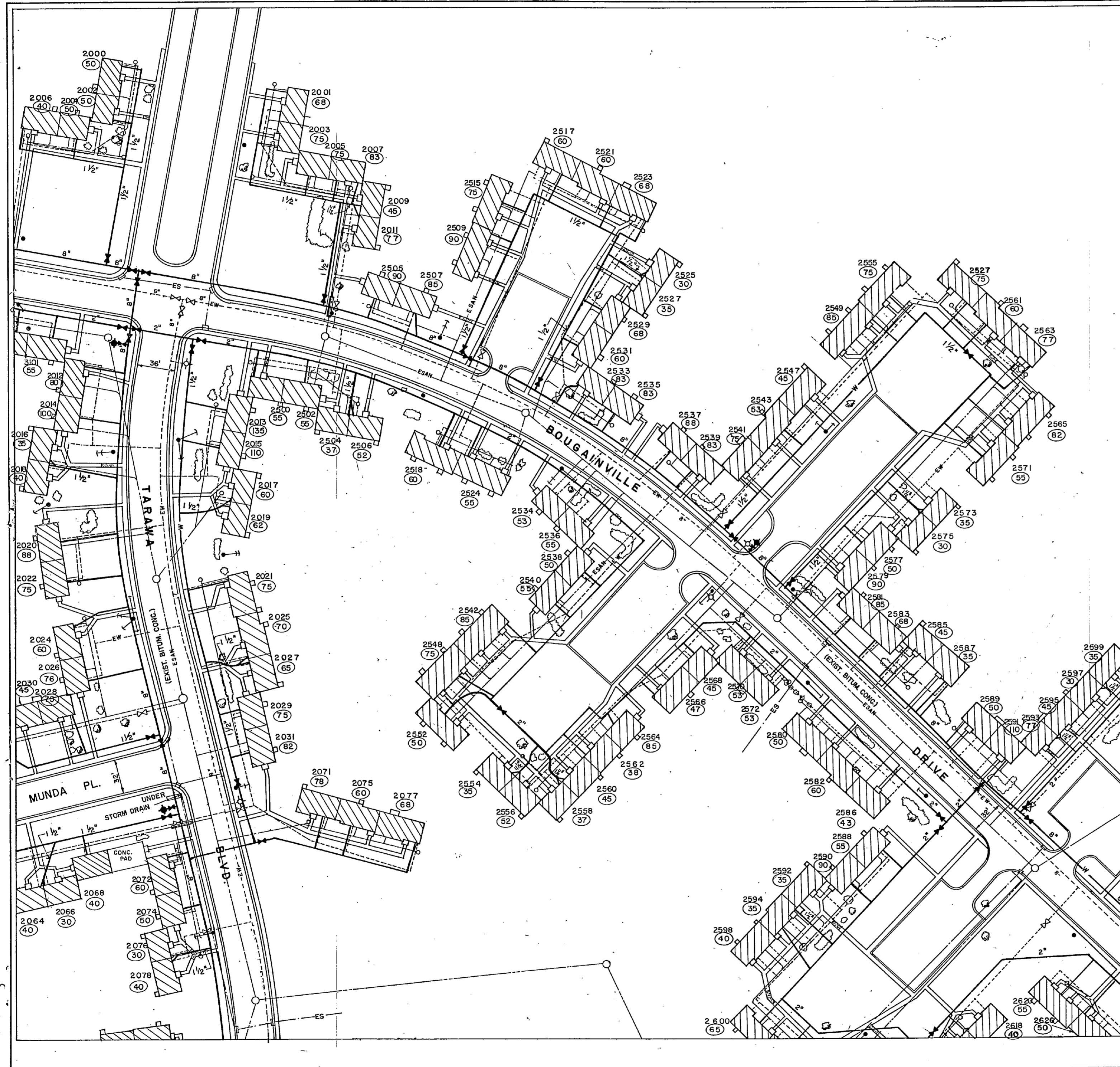
11

12

13

14

REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
	REVISED AS BUILT	1/14/82	acs



KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JAN 24 1982 **C-18**

DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND  
ATLANTIC DIVISION  
NAVAL STATION NORFOLK, VIRGINIA

MCKIM & CREED ENGINEERS WILMINGTON, N.C.

DESIGNED BY DR. GULLEY | CHK. BY MCKIM

SUBMITTED BY: [Signature] DATE: 8/22/82

TYPE NUMBER: [Signature] RVD: [Signature] APPROVED: [Signature]

NO. 1: [Signature] DIR: [Signature] DATE: [Signature]

ACTIVITY: SATISFACTORY TO [Signature] DATE: [Signature]

DESIGNED FOR COMMANDER NAVFAC

M.C.B., CAMP LEJEUNE, N.C.  
**REPLACE WATER LATERALS**  
**TARAWA TERRACE I & II**  
TARAWA TERRACE II SITE PLAN, SECTION 6  
NAVFAC DRAWING NO. 4088800  
F 80091  
SCALE: 1"=40' SPEC: 05-82-2305 SHEET 19 OF 28  
188800



12

13

14

15

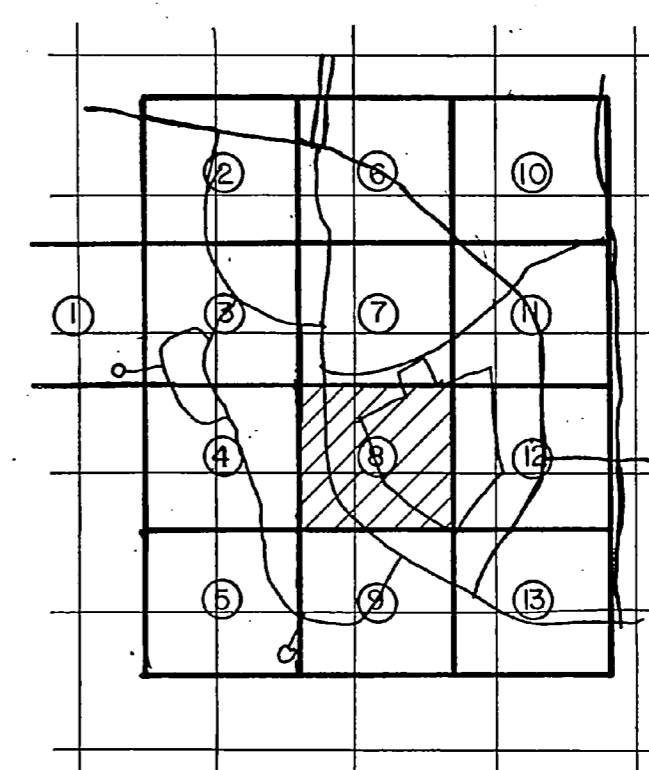
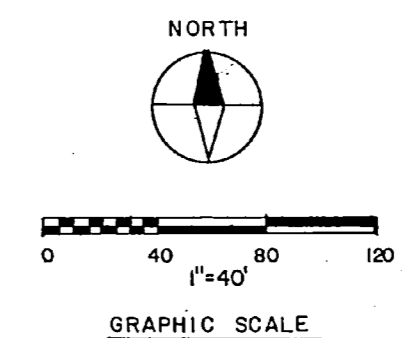








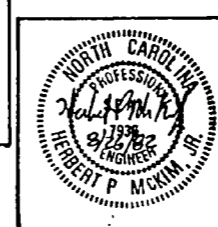
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED
	REVISED AS-BUILT	1/24/82	CLF



KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JAN 24 1982 **C-20**

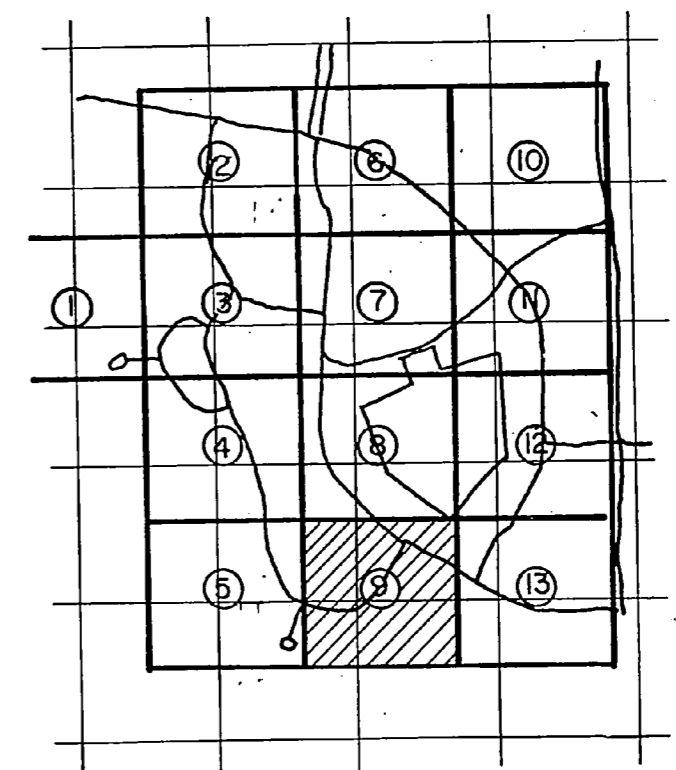
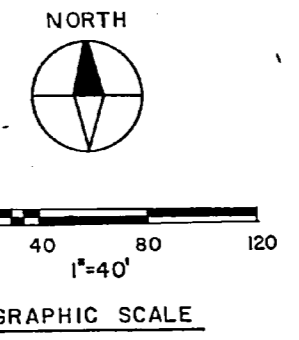
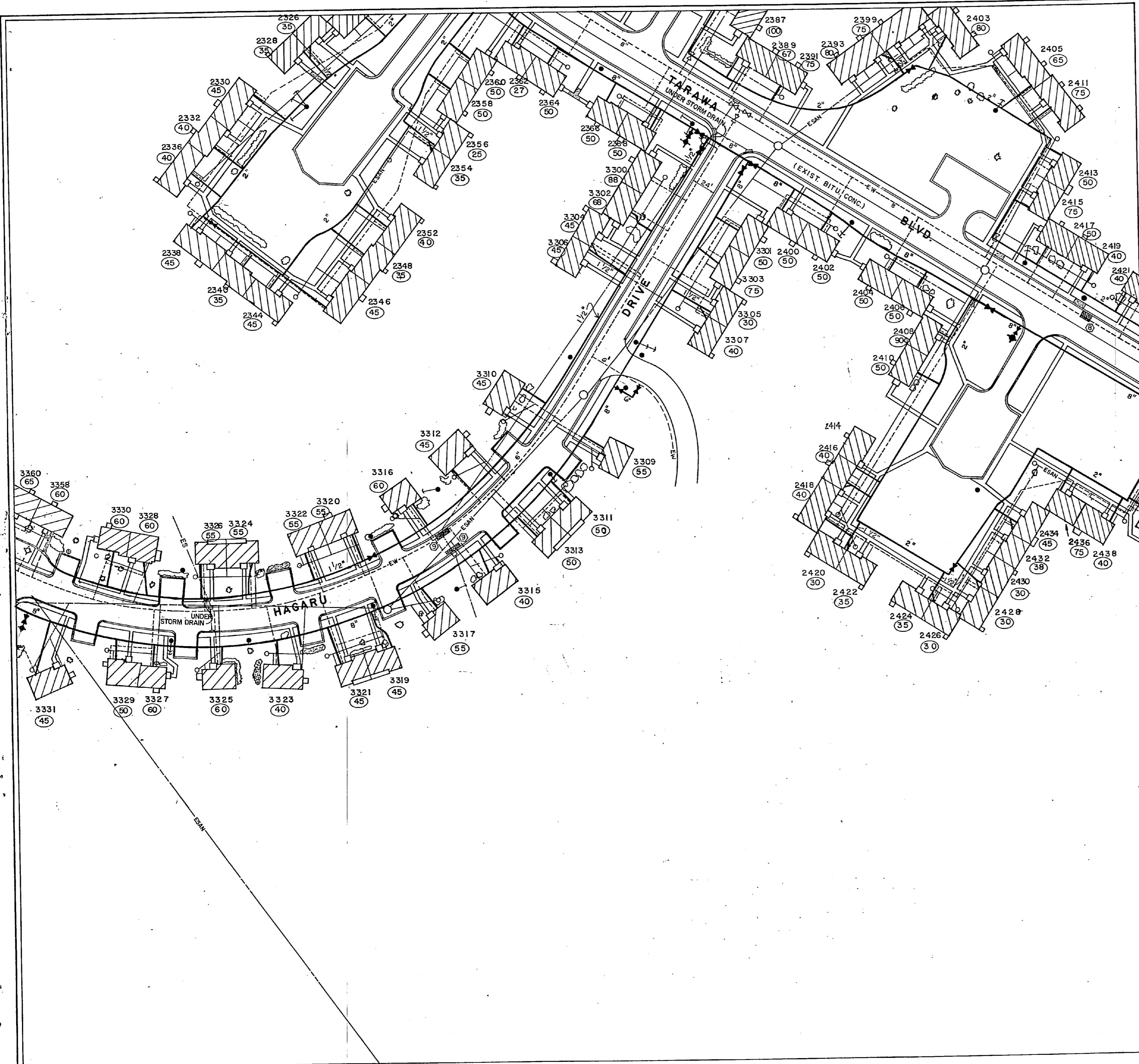
MCKIM & CREED ENGINEERS WILMINGTON, N.C.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
DES: SNEED DRG: GULLEY CHK: MCKIM PROJ. MGR. CH. ENG.	M.C.B. CAMP LEJEUNE, N.C.
SUBMITTED BY: [Signature] DATE: 8/26/82 TITLE: [Signature] ORIGINAL	REPLACE WATER LATERALS TARAWA TERRACE I & II
APP'D: [Signature] DATE: 1/24/82 ACTIVITY: [Signature] 18	TARAWA TERRACE II SITE PLAN SECTION 8 NAVFAC DRAWING NO. 4068802
APPROVED: [Signature] DATE: 1/24/82 FOR: [Signature] COMMANDER NAVFAC	SIZE: F CODE: 80091 FORMER DRAWING NO. N62470-82-B-2305 SCALE: 1"=40' SPEC: 05-82-2305 SHEET 21 OF 28



EPF DWG. NO. 188602



REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/24/84



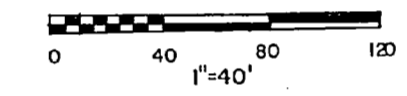
KEY PLAN

<b>RECORD DRAWING</b>		<b>C-21</b>
LETTER DATED JAN 24 1984		
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
DES. SNEED DR. GULLEY CHK. MCKIM PROJ. MGR. CH. ENG.		M.C.B. CAMP LEJEUNE N.C.
SUBMITTED BY: <i>Harold W. Kelly</i> DATE: <i>9/26/82</i>		REPLACE WATER LATERALS TARAWA TERRACE I & II
EFG: FP-JDK RVD: <i>[Signature]</i>		TARAWA TERRACE II SITE PLAN SECTION 9.
APPROVED: <i>[Signature]</i> DATE: <i>8/26/82</i>		SIZE: F CODE: 80091 NAVFAC DRAWING NO. 4088803
APPROVED: <i>[Signature]</i> DATE: <i>12/12/82</i>		CONST. CODE NO. N62470-82-B-2305
FOR EEO FOR COMMANDER NAVFAC		SCALE: 1"=40' SPEC: 05-82-2305 SHEET 22 OF 28 KFD: DWO: WC 188803

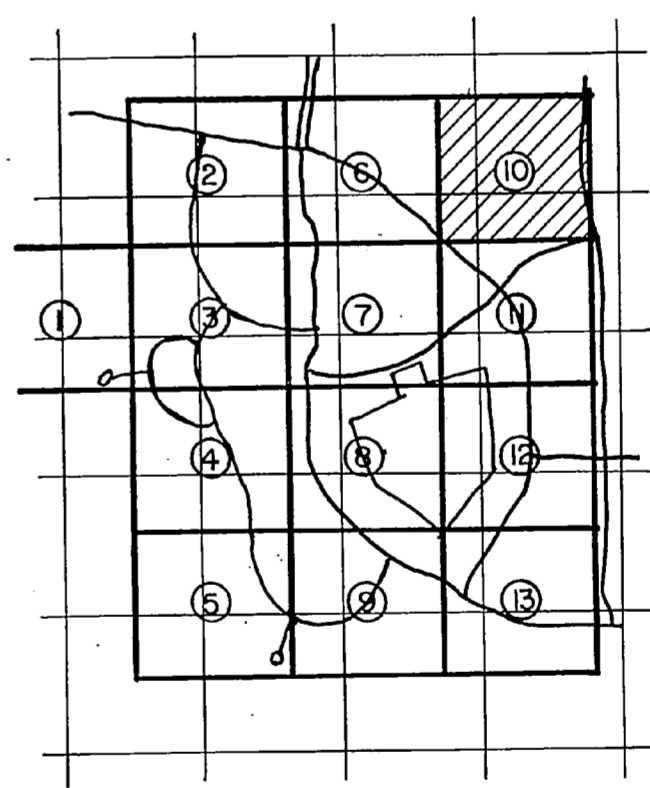




REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/14/84 cas



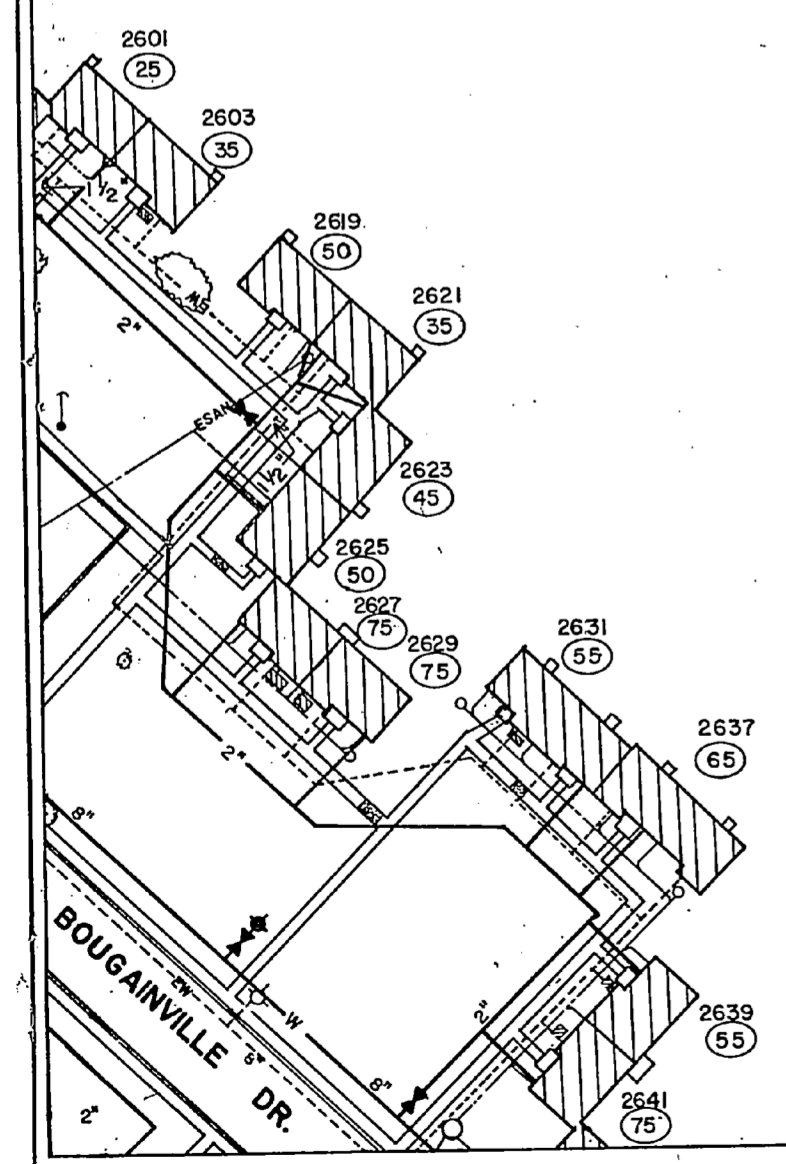
GRAPHIC SCALE



KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JAN 24 1984 **C-22**

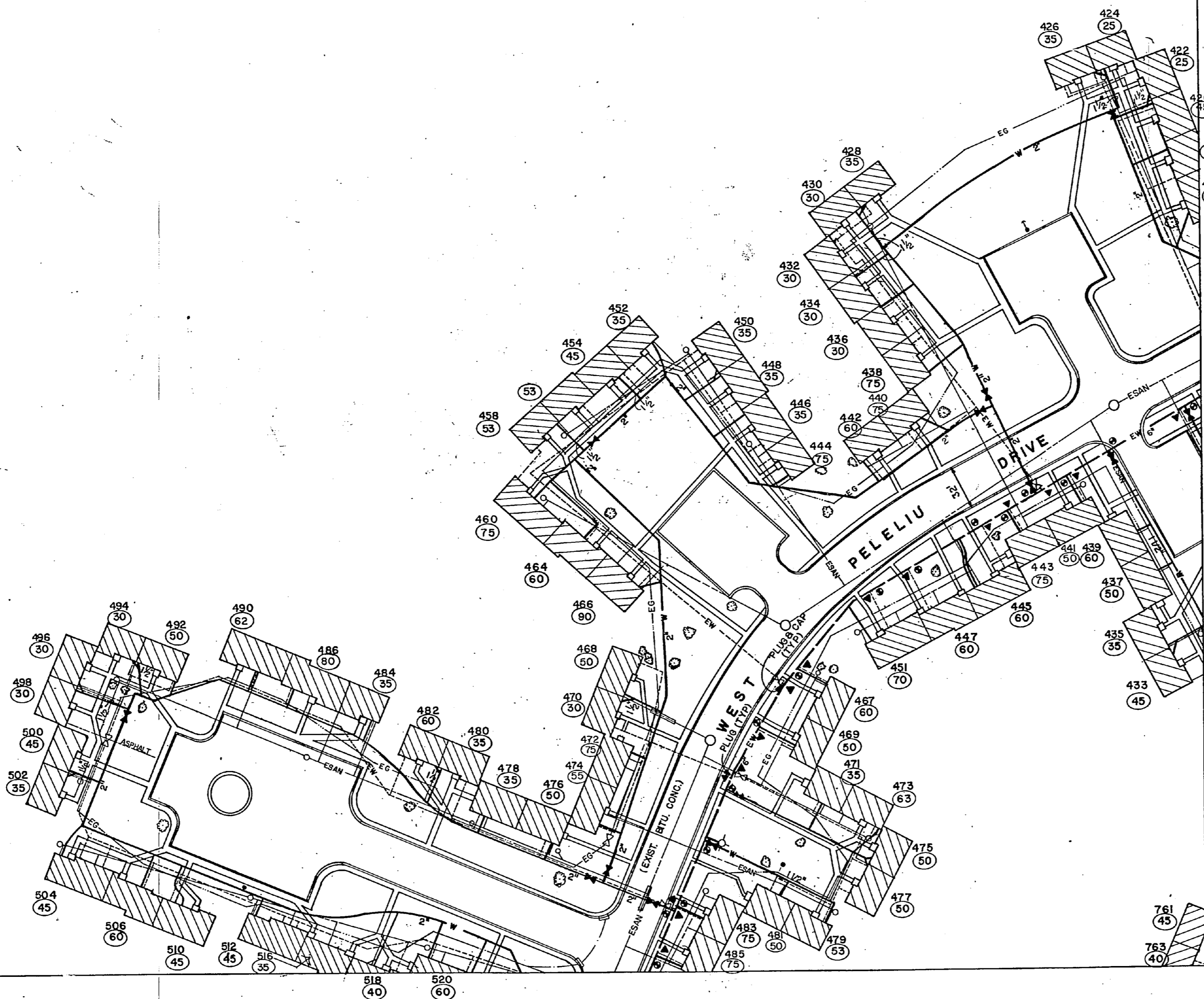
MCKIM & CREED ENGINEERS WILMINGTON, N.C.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
DES. SNEED DR. GULLEY CHK. MCKIM	MCB. CAMP LEJEUNE, N.C.
PROJ. MGR. CH. ENG.	REPLACE WATER LATERALS TARAWA TERRACE I & II
SUBMITTED BY: [Signature]	TARAWA TERRACE I SITE PLAN, SECTION 10
FILE NUMBER: [Number]	NAVFAC DRAWING NO. 408804
APP. BY: [Signature]	F. 80091
APPROVED: [Signature]	NAVSTA CORDE ROUGE NO. N62470-82-B-2305
FOR USE FOR COMMANDER NAVFAC	SCALE: 1"=40' SPEC. 05 - 62-2305 SHEET 23 OF 28







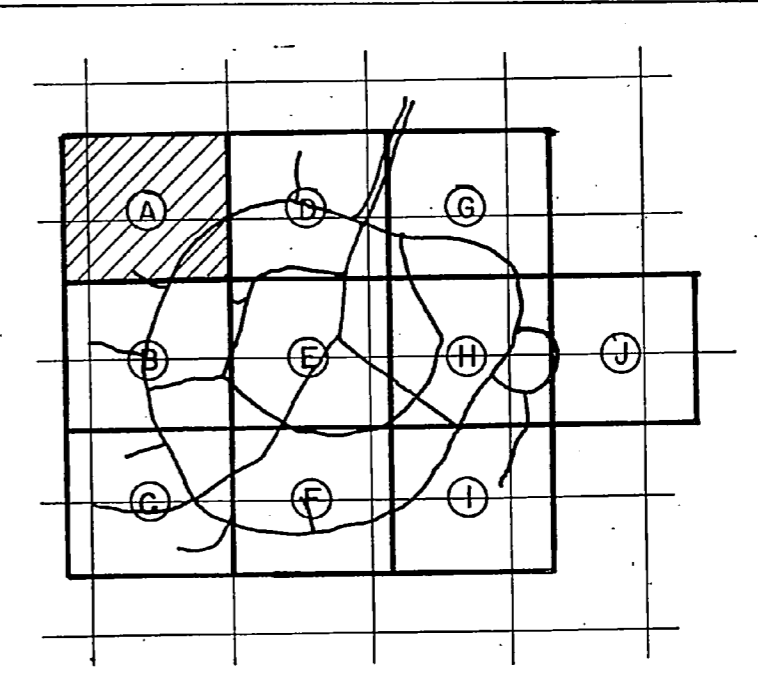
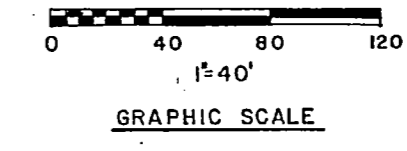
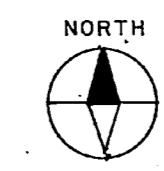
NOTES (C-3 THRU C-12): 1) ALL EXISTING WATER LATERALS ARE 3/4" IF NOT INDICATED OTHERWISE AND SHALL BE PLUGGED AND ABANDONED (SEE "TYPICAL PLUGGED CONNECTION" DETAIL ON SHEET C-26)  
 2) FOR NEW CONNECTIONS SEE DETAIL ON SHEET C-26



REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED A5-BUILT	1/24/82 C-3

**LEGEND**

- EG ——— EXISTING GAS LINE
  - ES ——— EXISTING STORM DRAIN LINE
  - ESAN ——— EXISTING SANITARY SEWER LINE
  - EW ——— EXISTING WATER MAIN TO REMAIN IN SERVICE
  - EW ——— EXISTING WATER LINE TO BE ABANDONED
  - W ——— NEW WATER LINE
  - |—|—| EXISTING VALVE AND VALVE BOX
  - |—|—| NEW VALVE AND VALVE BOX
  - |—|—| EXISTING FIRE HYDRANT
  - |—|—| N°W FIRE HYDRANT W/ VALVE
  - EXISTING CLEAN-OUT
  - EXISTING MANHOLE
  - |—|—| EXISTING CONCRETE CURB
  - |—|—| EXISTING CONCRETE SIDEWALK
  - |—|—| EXISTING PAVED SWALE
  - ▨ EXISTING BUILDING WITH CONCRETE STOOPS
- UNIT NUMBER  
 ○○○ CUBIC FEET OF FILL REQUIRED FOR LAWN OF UNIT  
 ○○ SQUARE YARDS OF PAVEMENT REPAIR REQUIRED
- LOCATION OF SIDEWALK REPAIR  
 SIDEWALK & STOOP TO BE REMOVED  
 CONC. ENCASEMENT OF EXIST. SAN SEWER OVER NEW WATERLINE (SEE DETAIL)  
 CONNECTION TO EXIST. WATERLINE (SEE DETAIL)  
 PLUG EXIST. CONNECTION (SEE DETAIL)  
 EXISTING POWER POLE W/ GUY WIRE



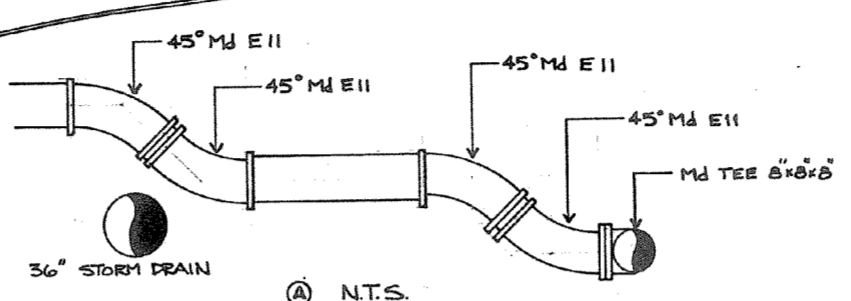
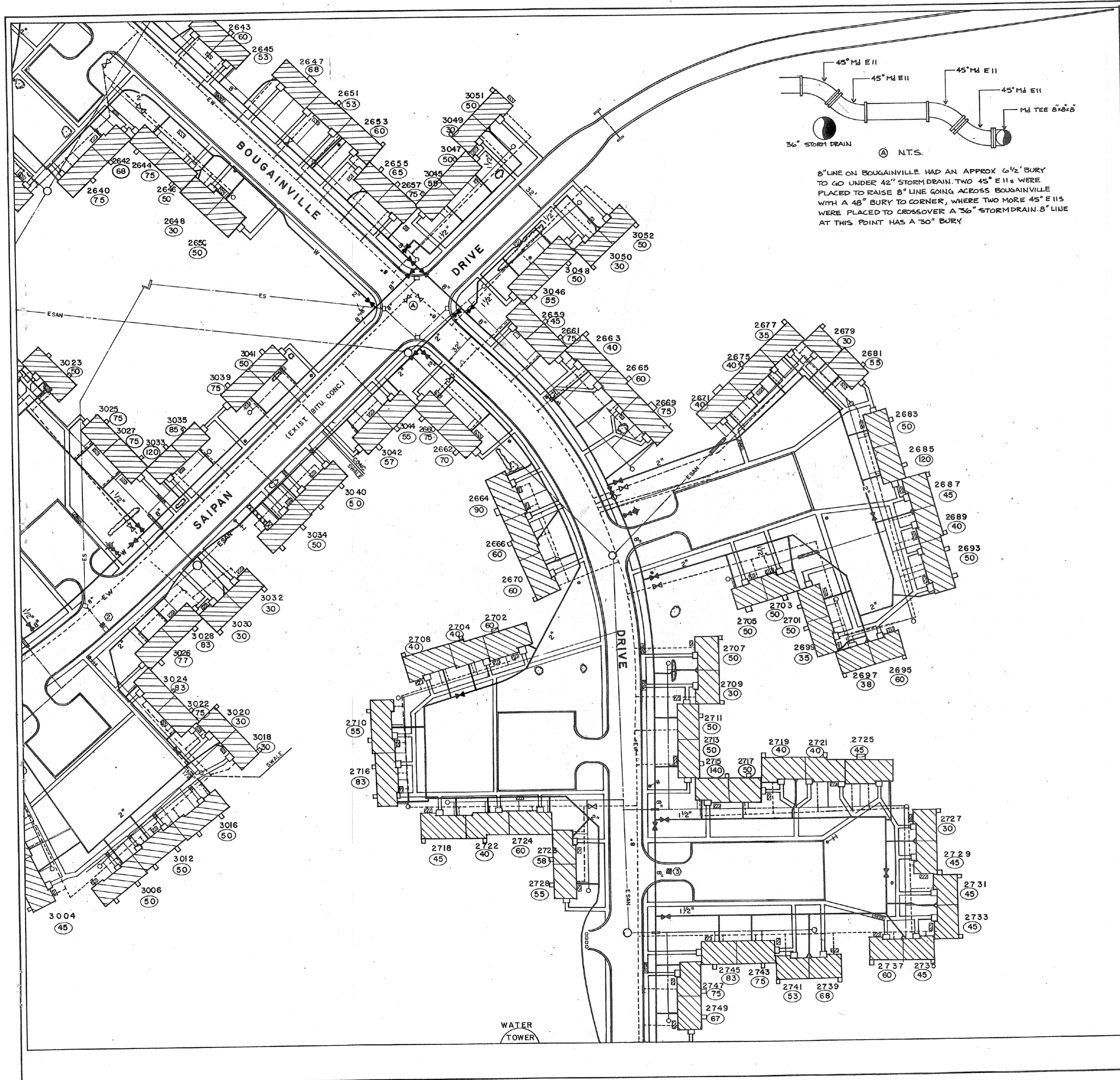
KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JAN 24 1984 **C-3**

MCKIM & CREED ENGINEERS WILMINGTON, N.C.	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA
SER. (NEED) DR. HUTCH CDR. MCKIM PROJ. MGR. CH. ENG.	MCR. CAMP LEJEUNE, N.C.
SUBMITTED BY DATE FURN. VENDOR RVD EFD: FP, JDR, DIR	REPLACE WATER LATERALS TARAWA TERRACE I & II
APPROVED DATE ACCEPTED - SATISFACTORY TO FOR IFC, CDR. COMMANDER NAVFAC	TARAWA TERRACE I SITE PLAN SECTION A NAVFAC DRAWING NO. 4088785 SIZE CODE IDENT. F 80091 CONTRACT NUMBER NS2470-82-9-2305 SCALE: 1"=40' SPEC. 05-82-2305 SHEET 4 OF 28 CDS DRAW. NO. 188785

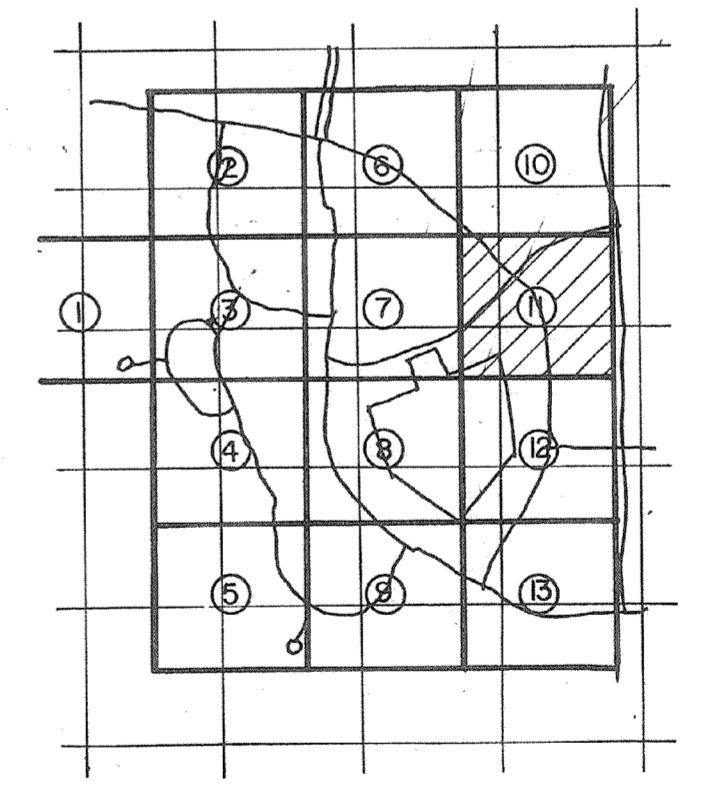
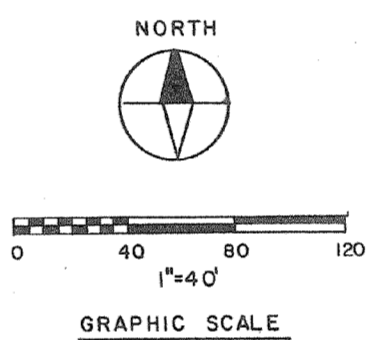






8" LINE ON BOUGAINVILLE HAD AN APPROX 6 1/2' BURY TO GO UNDER 42" STORM DRAIN. TWO 45" E I I s WERE PLACED TO RAISE 8" LINE GOING ACROSS BOUGAINVILLE WITH A 48" BURY TO CORNER, WHERE TWO MORE 45" E I I s WERE PLACED TO CROSSOVER A 36" STORM DRAIN. 8" LINE AT THIS POINT HAS A 30" BURY

REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
REVIS	REVISED AS-BUILT	1/15/82 CCS



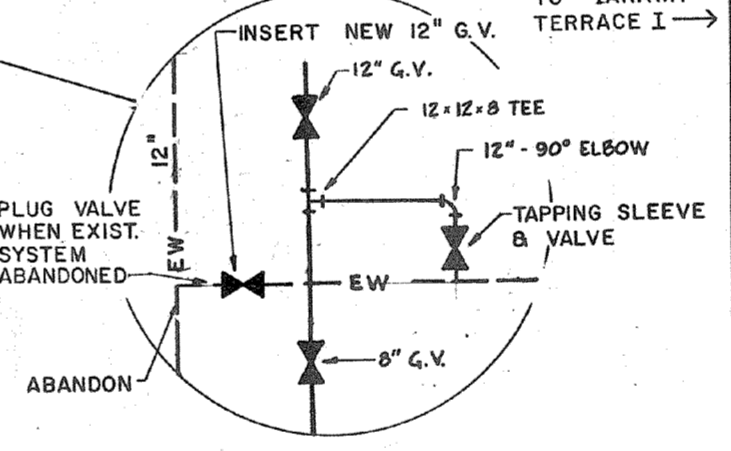
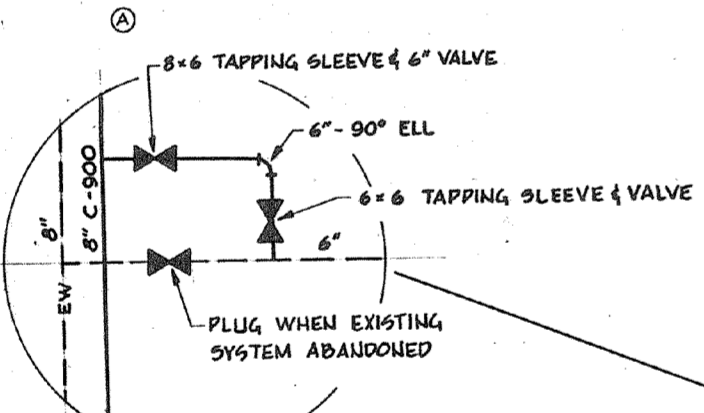
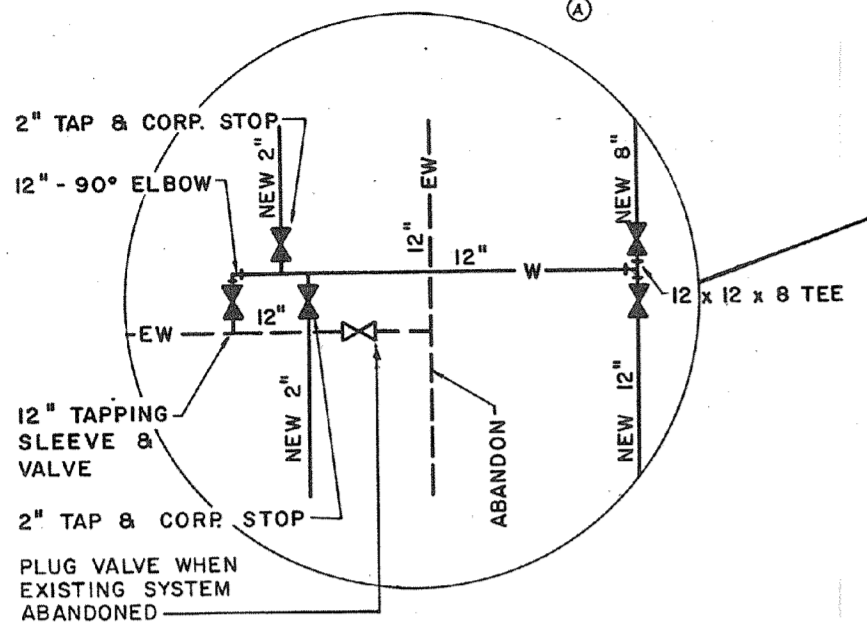
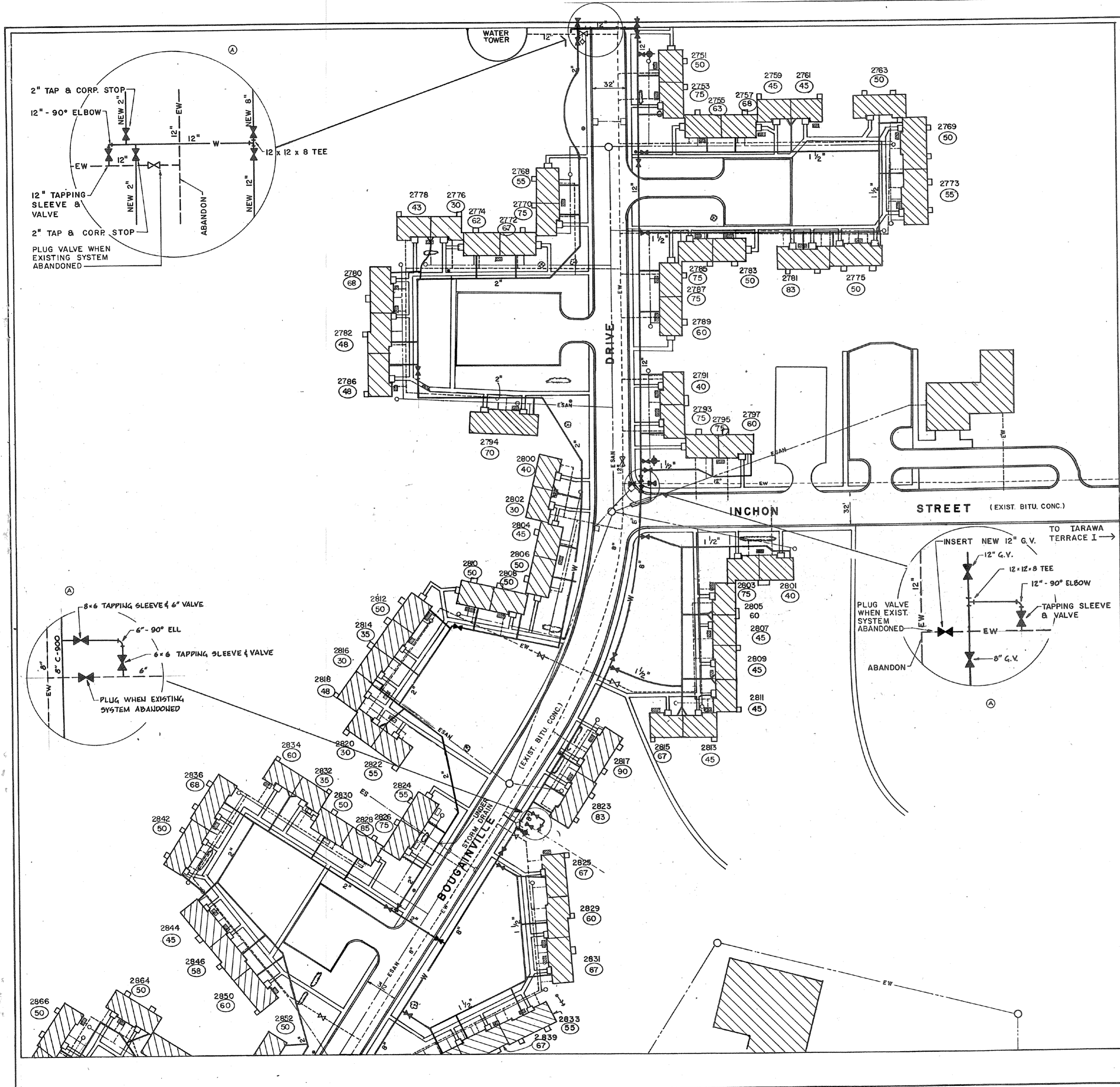
KEY PLAN

**RECORD DRAWING**  
**LETTER DATED** JUN 24 1982 **C-23**

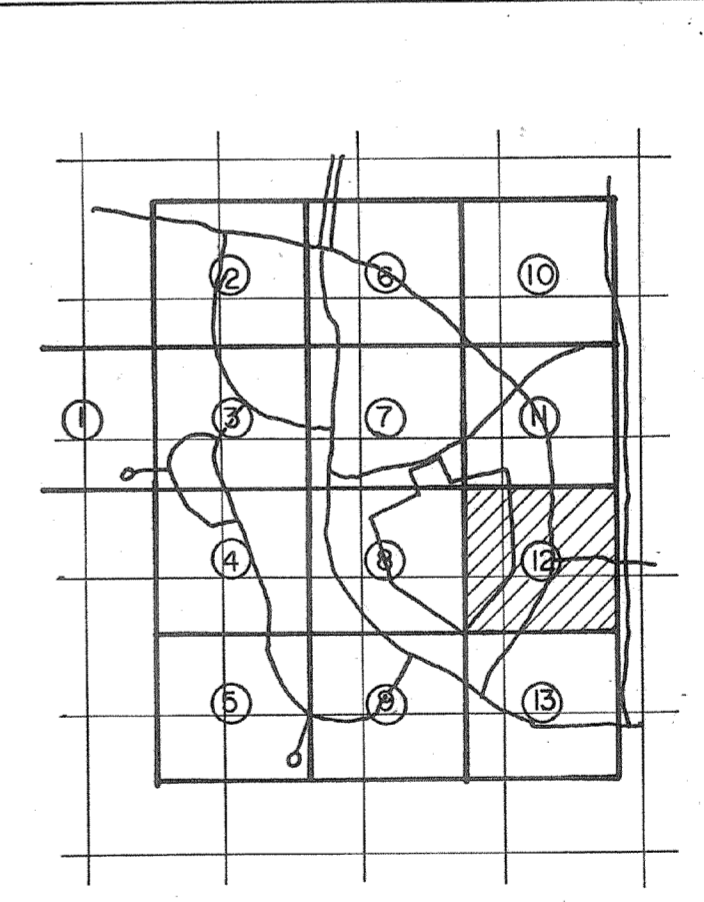
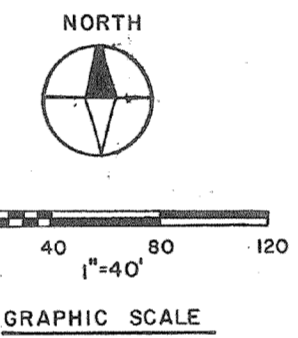
MCKIM & CREED ENGINEERS WILMINGTON, N.C.			DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION NORFOLK, VIRGINIA		
DES. SNEED ORGULLEY CHK MCKIM			M.C.B. CAMP LEJEUNE, N.C.		
PROJ. NO.			REPLACE WATER LATERALS TARAWA TERRACE I & II		
SUBMITTED BY: [Signature]			TARAWA TERRACE II SITE PLAN SECTION II		
DATE: 9/26/82			NAVYAC DRAWING NO. 4088805		
EFD: JF-MEK			SIZE CODE: F 80091		
APPROVED: [Signature]			CORRECTION NO. NS2470-82-B-2305		
DATE: 1/15/82			SCALE: 1"=40'		
ACTIVITY: SATISFACTORY			SPEC: 05-82-2305		
APPROVED: [Signature]			SHEET 24 OF 28		
FOR EFD FOR COMMANDER, NAVFAC			EFD ORS, NG 188805		



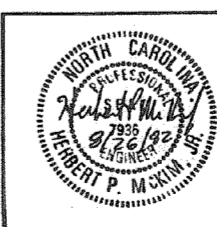




REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
(C)	REVISED AS-BUILT	1/24/52 CES

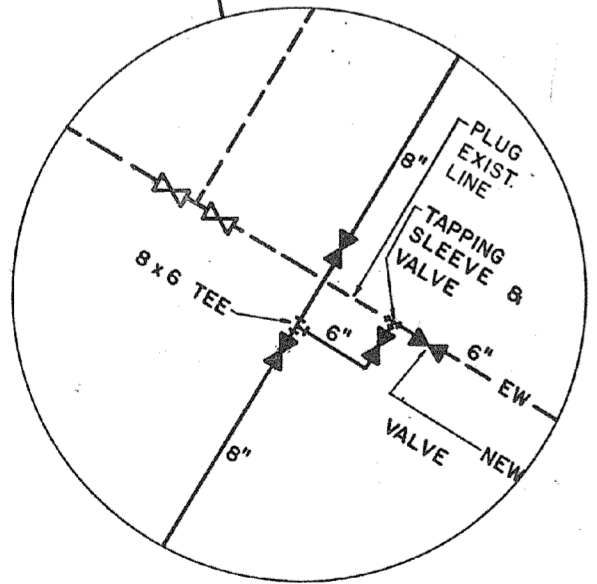
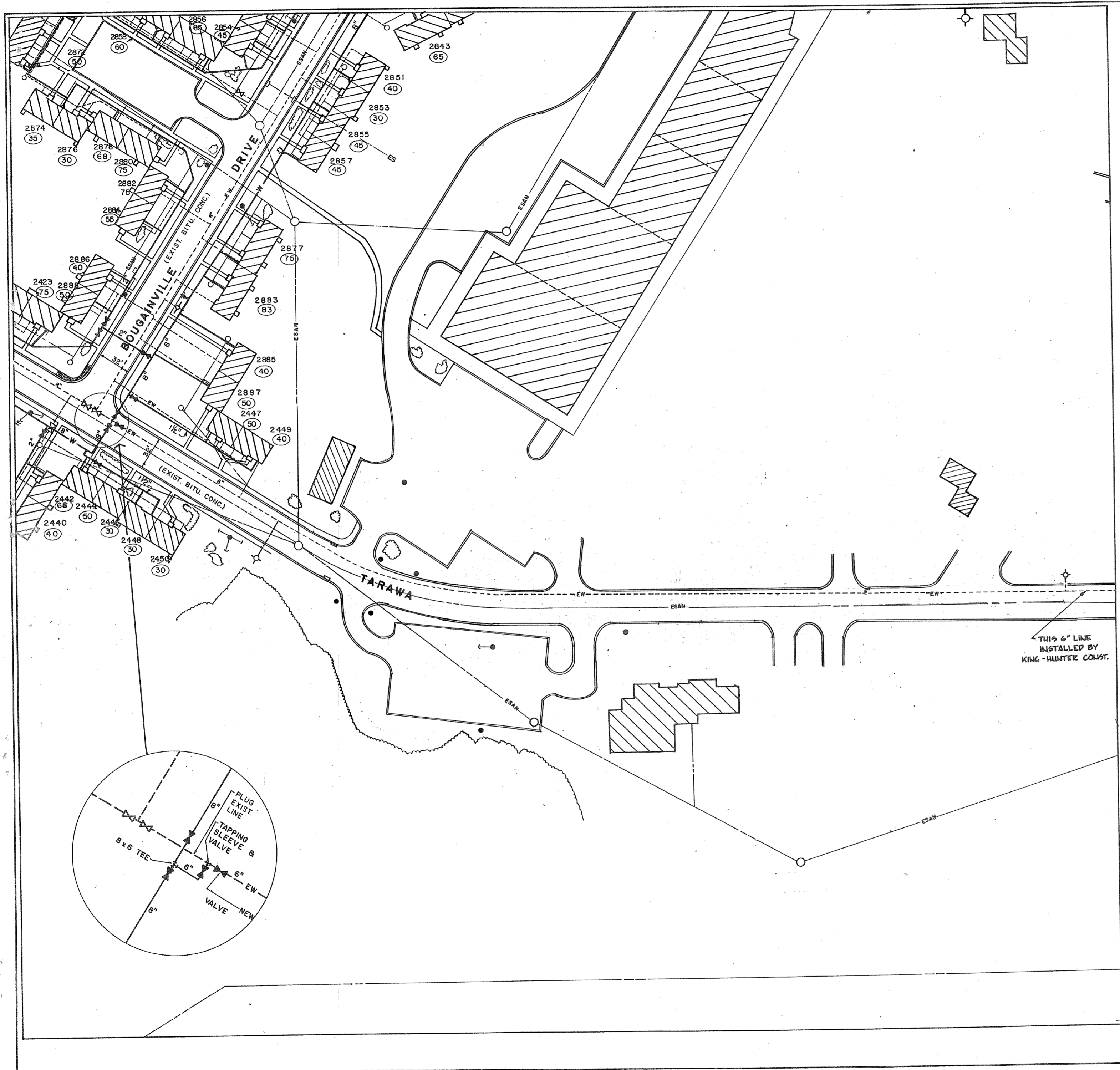


KEY PLAN

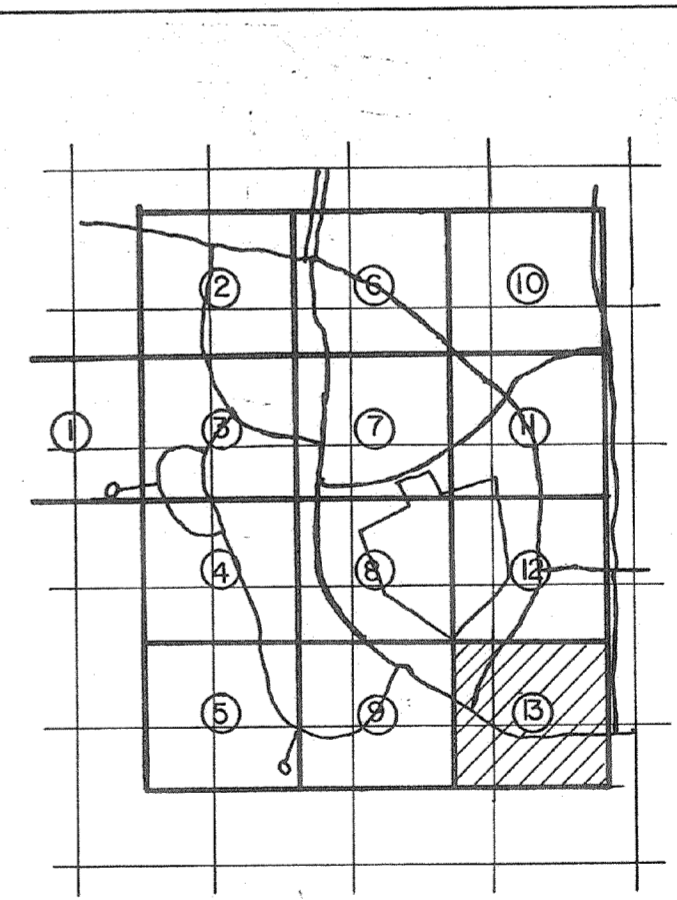
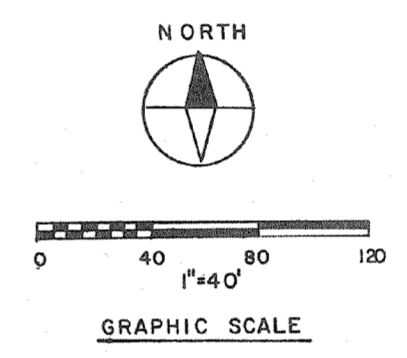


<b>RECORD DRAWING</b>		<b>C-24</b>	
<b>LETTER DATED</b> JAN 24 1952			
MCKIM B CREED ENGINEERS WILMINGTON, N.C.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NORFOLK, VIRGINIA	
DES. SNEED DR. GULLEY CHK. MCKIM		NAVAL STATION M.C.B. CAMP LEJEUNE, N.C.	
PROJ. MGR. DATE: 8/29/52		REPLACE WATER LATERALS TARAWA TERRACE I & II	
SUBMITTED BY: [Signature]		TARAWA TERRACE II SITE PLAN, SECTION 12	
EVD. BY: [Signature]		NAVAL STATION NO. 408880e	
APPROVED: [Signature]		SIZE: F	
DATE: 1/24/52		CODE IDENT. NO. 80091	
SPEC. NO. 05-82-2305		SHEET 25 OF 28	
SCALE: 1"=40'		EVD. DWS. NO. 188806	





REVISIONS		
SYM	DESCRIPTION	DATE APPROVED
	REVISED AS-BUILT	1/14/82 cas



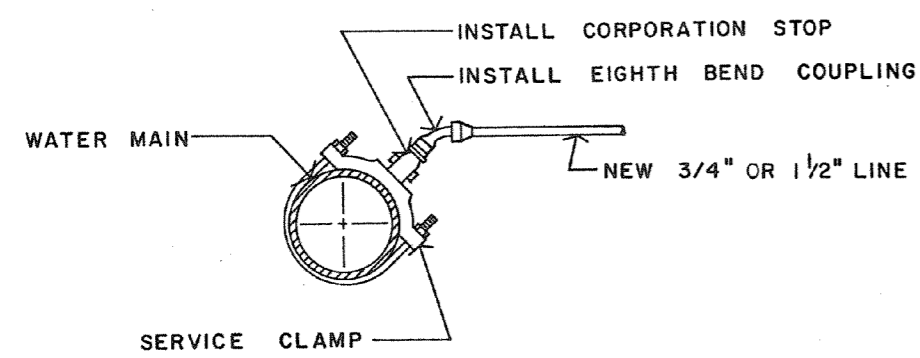
KEY PLAN

<b>RECORD DRAWING</b>		<b>C-25</b>	
<b>LETTER DATED</b>		JAN 04 1982	
DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND			
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		ATLANTIC DIVISION	
NAVAL STATION NORFOLK, VIRGINIA			
M.C.B. CAMP LEJEUNE, N.C.			
REPLACE WATER LATERALS TARAWA TERRACE I & II			
TARAWA TERRACE II SITE PLAN SECTION 13			
DES. (SNEED) DR. GULLEY	CHK. MCKIM	CH. ENGR.	
PROJ. MGR.			
SUBMITTED BY	DATE		
7/14/82	9/16/82		
FIRM MEMBER	PRINCIPAL		
REV. DATE			
APPROVED	DATE	SIZE	CODE IDENT. NO.
8/11/82	9/16/82	F	80091
REVISION	DATE	CONSTR. CONTR. NO.	NAVAC DRAWING NO.
SATISFACTORY TO	9/16/82	N62470-82-B-2305	408807
FOR EFG FOR COMMANDER NAVFAC		SCALE: 1"=40'	SPEC: 05-82-2305
			SHEET 25 OF 28
			188807

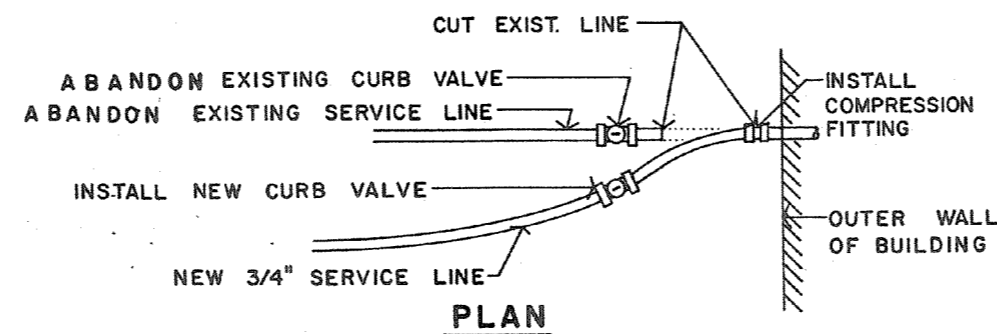




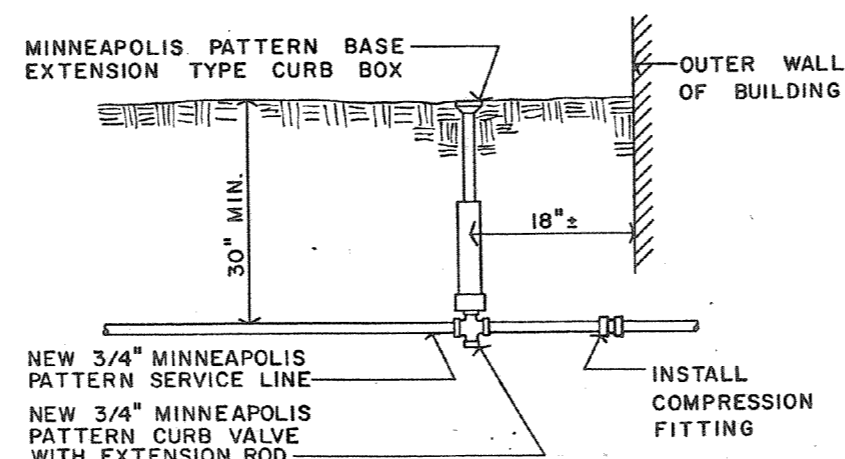




**TAP DETAIL**  
N.T.S.



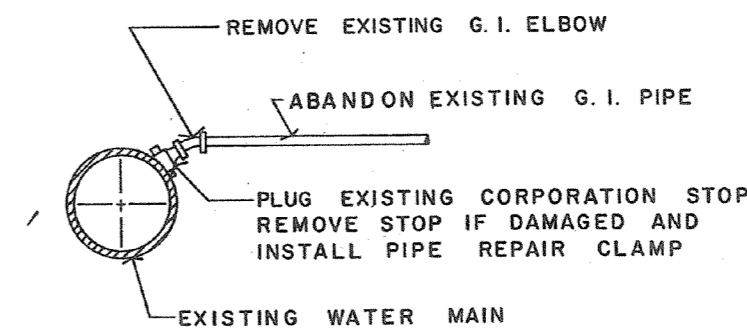
**PLAN**



**SECTION**

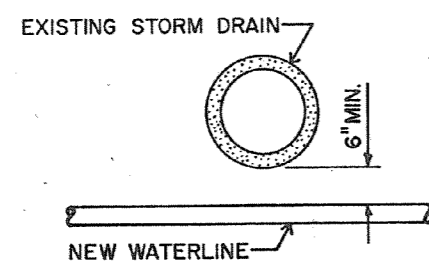
**NEW SERVICE CONNECTION**

N.T.S.



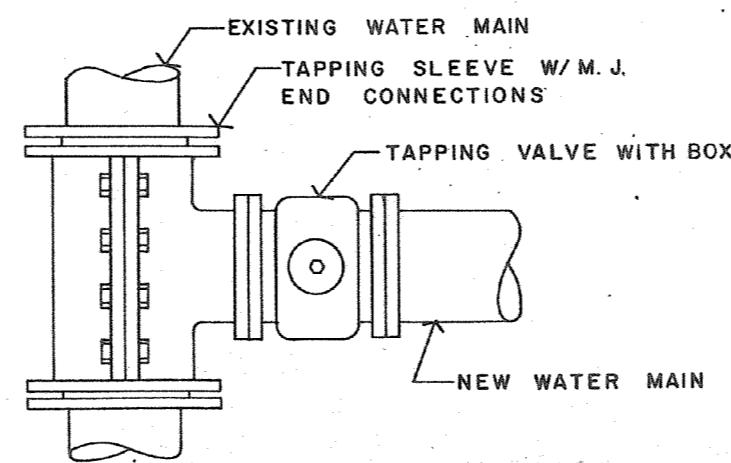
**TYPICAL PLUGGED CONNECTION**

N.T.S.



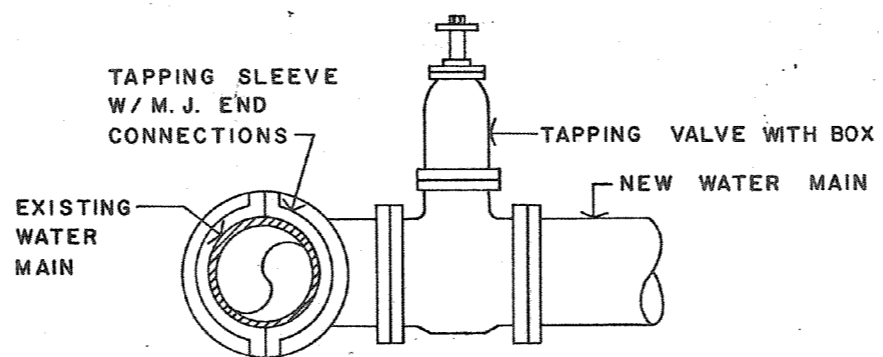
**NEW WATERLINE UNDER STORM DRAIN DETAIL**

N.T.S.



**PLAN**

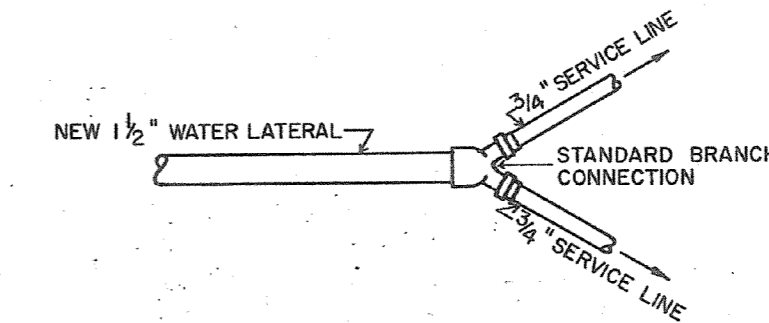
NOTE: USE TAPPING SLEEVE & VALVE FOR CONNECTING PIPE 2" IN DIAMETER & LARGER



**SECTION**

**TAPPING SLEEVE & VALVE DETAIL**

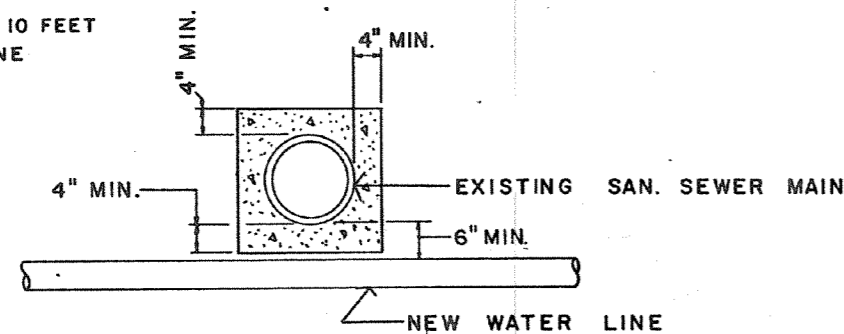
N.T.S.



**TYPICAL 1/2" TO 3/4" BRANCH CONNECTION**

N.T.S.

ENCASEMENT TO EXTEND 10 FEET EACH SIDE OF WATERLINE

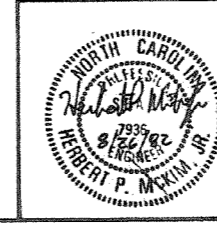


**CONCRETE ENCASEMENT**

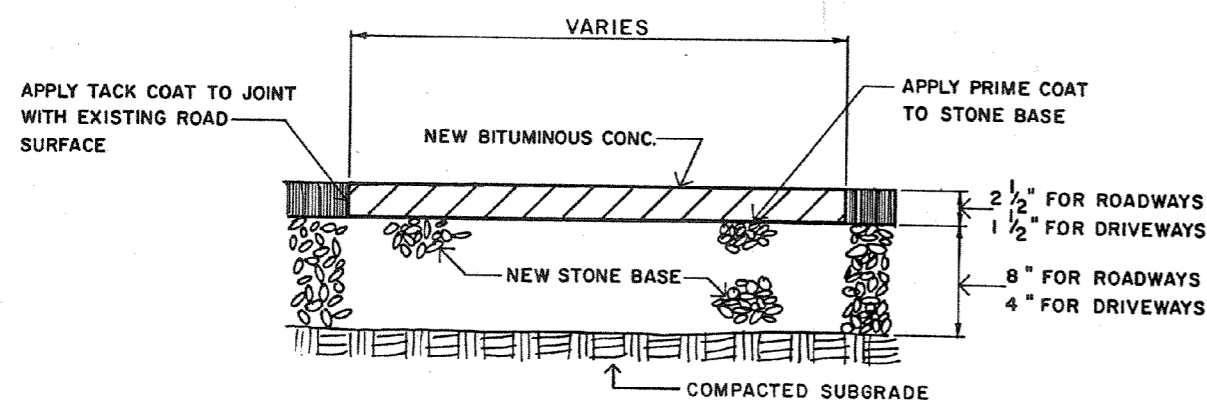
N.T.S.

REVISIONS		
SYM	DESCRIPTION	DATE APPROVED

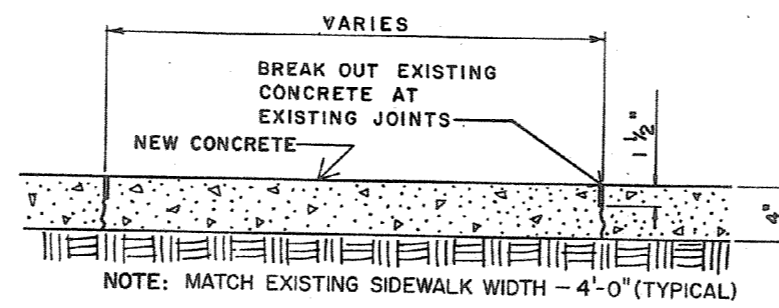
<b>RECORD DRAWING</b>		<b>C- 26</b>	
<b>LETTER DATED</b>		JAN 24 1962	
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND ATLANTIC DIVISION NAVAL STATION MCFB CAMP LEJEUNE, N. C.	
DESIGNED DR. HUTCH	CHK. MCKIM	PROJECT NO. 80091	
DATE 8/26/52	DATE 8/26/52	PROJECT TITLE REPLACE WATER LATERALS TARAWA TERRACE I & II	
APPROVED	DATE	DETAIL SHEET	
APPROVED	DATE	SIZE F	CODE IDENT NO. 80091
APPROVED	DATE	NAVAFAC DRAWING NO. 408 8808	NAVAFAC DRAWING NO. 408 8808
APPROVED	DATE	NAVAFAC DRAWING NO. N62 470-82-R-2308	NAVAFAC DRAWING NO. N62 470-82-R-2308
APPROVED	DATE	SCALE 1"=40'	SPEC. 05-82-2305
APPROVED	DATE	SHEET 27 OF 28	
APPROVED	DATE	EFD. DWG. NO. 188808	





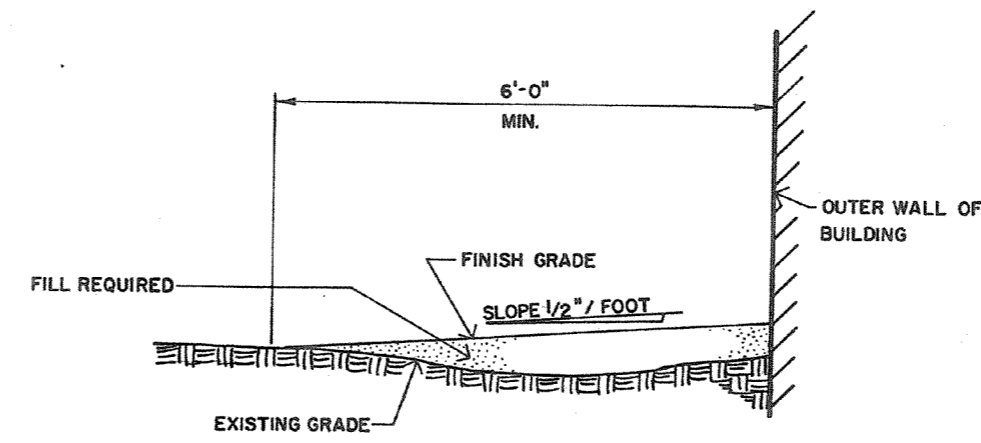


**PAVEMENT REPLACEMENT DETAIL**  
N.T.S.

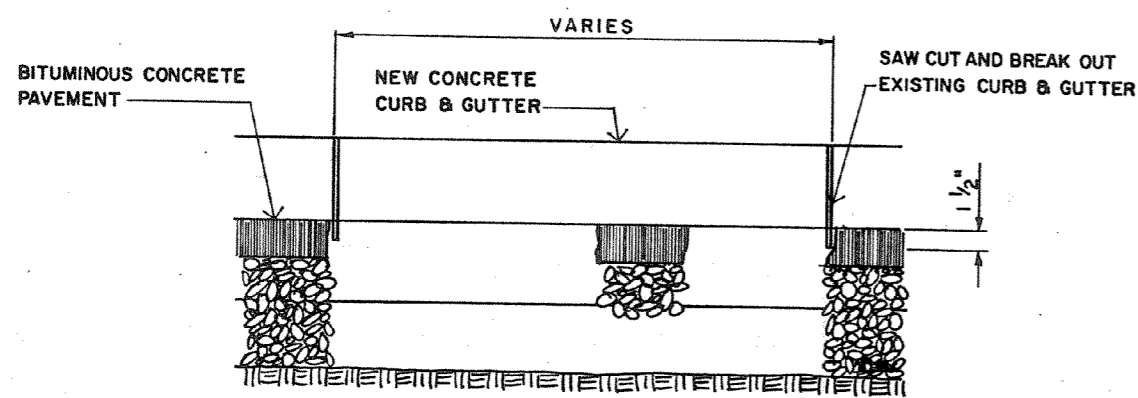


**SIDEWALK REPLACEMENT DETAIL**  
N.T.S.

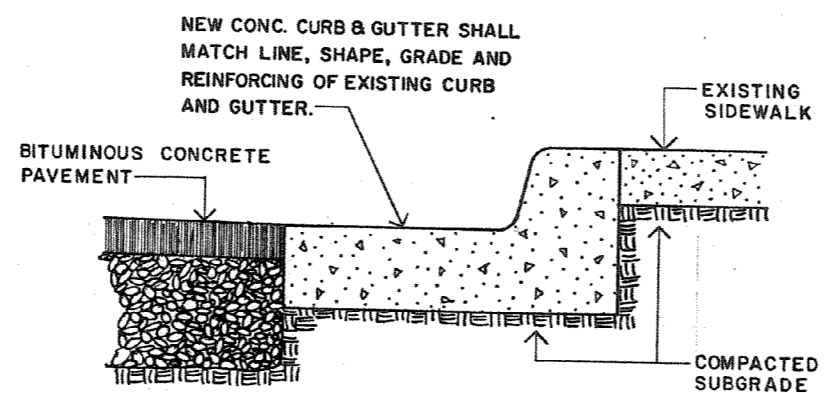
REVISIONS		
SYM	DESCRIPTION	DATE APPROVED



**TYPICAL DETAIL OF FILL REQUIRED UNDER EAVES OF BUILDINGS**  
N.T.S.

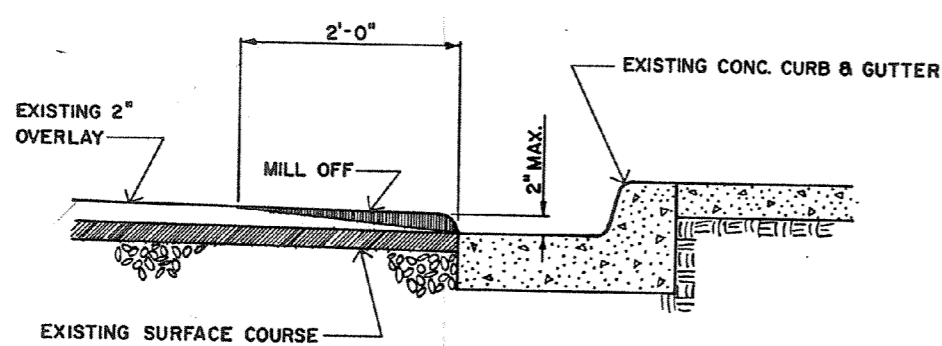


**ELEVATION**

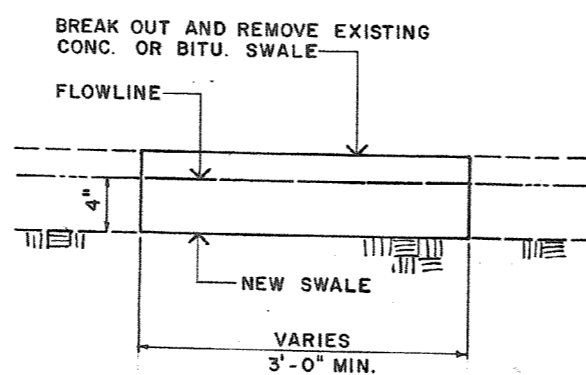


**SECTION**

**CURB & GUTTER REPLACEMENT DETAIL**  
N.T.S.



**SECTION**  
**PAVEMENT MILLING DETAIL**  
N.T.S.



**SECTION**  
**SWALE REPLACEMENT DETAIL**  
N.T.S.

<b>RECORD DRAWING</b>		<b>C-27</b>	
<b>LETTER DATED</b> JAN 24 1984		DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
MCKIM & CREED ENGINEERS WILMINGTON, N.C.		ATLANTIC DIVISION	
DESIGNED: DR HUTCH		NAVAL STATION	
PROJ. MGR: DR HUTCH		M.C.B. CAMP LEJEUNE, N.C.	
SUBMITTED BY: [Signature]		REPLACE WATER LATERALS	
DATE: 9/26/80		TARAWA TERRACE I & II	
FIRST RELEASE: [Signature]		DETAIL SHEET	
EFD: PP-22		NAVY DRAWING NO. 4088809	
NO. 14		F 80091	
APPROVED: [Signature]		CONTRACT NO. N62470-82-R-2305	
DATE: 8/18/82		SHEET 28 OF 28	
ACTIVITY SATISFACTORY TO: [Signature]		SCALE: 1"=40'	
DATE: 1982		SPEC: 05-82-2305	
FOR USE FOR COMMANDER NAVFAC		EFD DWG NO. 188809	

