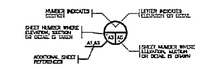
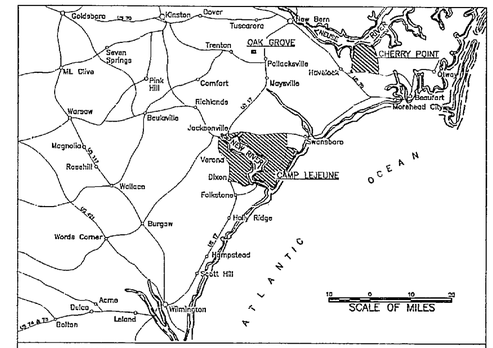
REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED



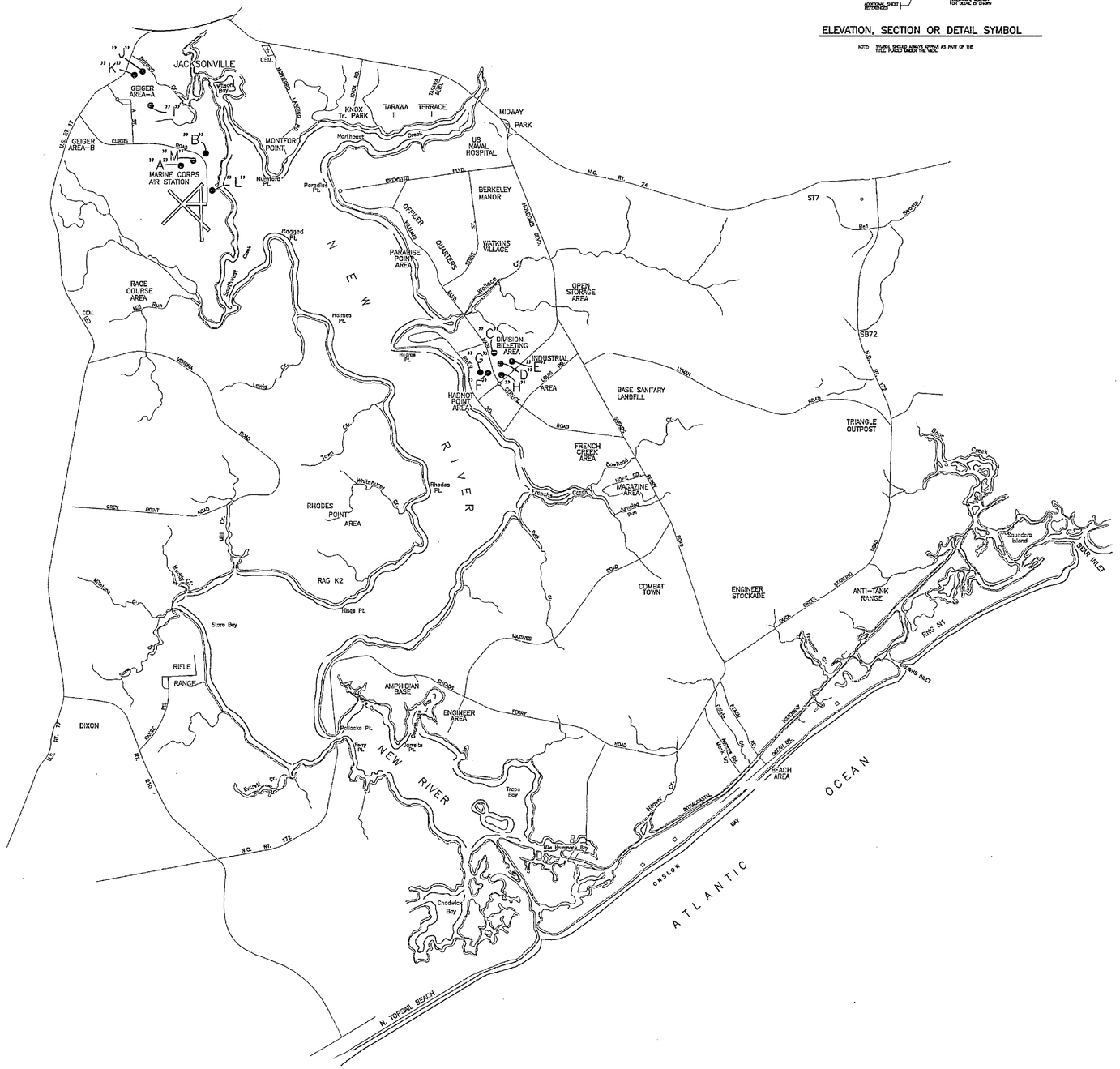
ELEVATION, SECTION OR DETAIL SYMBOL

NOTE: SYMBOL SHOULD ALWAYS APPEAR AS PART OF THE TITLE PLACED UNDER THE VIEW.



VICINITY MAP – CAMP LEJEUNE, N.C.

DRAWING INDEX



LOCATION MAP – U. S. MARINE CORPS BASE – CAMP LEJEUNE, N.C.

SCALE : NONE

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-1

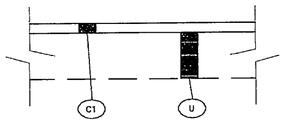
DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

LOCATION MAP AND DRAWING INDEX
REPAIR PARKING LOTS, BASEWIDE
PROJECT NO.

DES.	GKD
DR.	EV
CHK.	DTU
SUBMITTED BY:	
DESIGN DIR.	
APPROVED FWO OR GIOC	DATE
SATISFACTORY TO	DATE

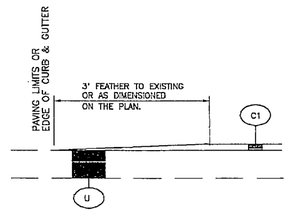
SIZE: F | CODE IDENT NO. | NAVFAC DRAWING NO. 4360670
CONSTR. CONTR. NO. N62470-87-D-9001
SCALE: AS SHOWN | SPEC. | SHEET 1 OF 7

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED



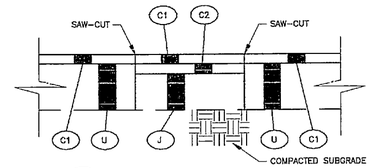
1 / 3 2 PAVEMENT SECTION
NTS

4
5 (1) CONTRACTOR SHALL INCLUDE IN THE BID, INCIDENTAL TO THE LUMP SUM BID IDEM, PROVIDING 17,000 LBS. OF CRACK SEALANT, PS/AR.
6
7



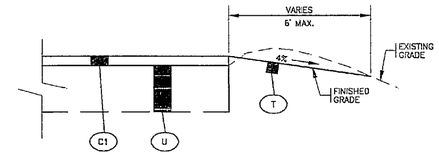
2 / 3 2 FEATHER JOINT
(INTERFACE EXISTING AND NEW)
NTS

4
5
6
7



3 / 3 2 PAVEMENT REPAIR SECTION
NTS

4
6
7



4 / 6 2 EDGE GRADING
NTS

7

SCHEDULE OF QUANTITIES

SITE ID	OVERLAY AREA (SF)	CRACK SEALANT (LBS)	LEVELING COURSE 1" (TONS)	WEARING COURSE (TONS)	REPAIR AREA (SF)	BASE COURSE 8" ABC (TONS)
LOT "A"	99,058	3,602.5	666	605.5		
LOT "B"	23,361	849.5	157.3	143	805	69.6
LOT "C"	49,107	1,785.7	330.6	300.5		
LOT "D"	8,648	314.5	58.3	53	2200	109.5
LOT "E"	30,246	1,099.9	203.5	185	1350	67.5
LOT "F"	7,266	264.3	49	44.5	270	13.2
LOT "G"	103,335	3,757.6	694.7	631.5		
LOT "H"	58,288	2,119.6	392.2	356.5		
LOT "I"	36,711	1,334.9	247	224.5	975	30.3
LOT "J"	63,361	2,304.0	426.3	387.5	2500	125.1
LOT "K"	14,352	521.9	96.8	88		
LOT "L"	75,361	2,740.2	506.6	460.5		
LOT "M"	25,557	929.4	171.6	156	465	23.3
TOTALS	594,663	21,624	3,999.9	3,636	8,565	438.5

PAVEMENT SCHEDULE

C1	NEW APPROX. 2" BIT. CONC. SURFACING, TYPE I-1, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. IN EACH OF TWO 1" COURSES, LEVELING AND WEARING.
C2	NEW APPROX. 2" BIT. CONC. COURSE, TYPE I1 AT AN AVERAGE RATE OF 220 LBS. PER SQ. YD.
J	NEW 6" AGGREGATE BASE COURSE
T	EARTH MATERIAL, SEED, MULCH AND TACK.
U	EXISTING PAVEMENT
(1)	LEVELING COURSE SHALL BE A MINIMUM OF 1". CONTRACTOR SHALL INCREASE BY 100% BID QUANTITY OF LEVELVELING COURSE BITUMINOUS CONCRETE. THE EXCESS SHALL BE USED FOR SURFACE POTHOLES, FILLING CRACKS GREATER THAN 1", AND LEVELLING LOW SPOTS PONDING WATER.

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-2

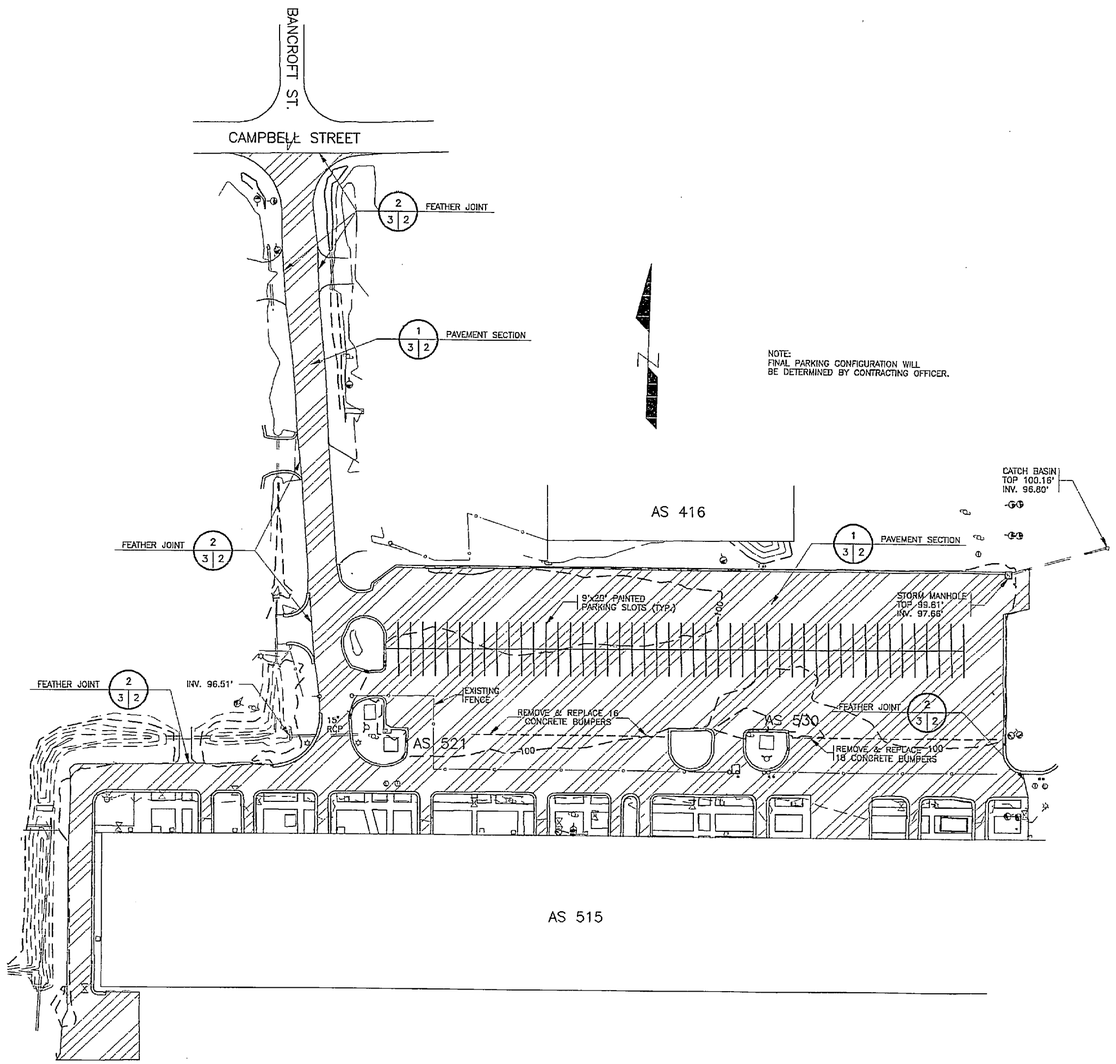
DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. GKD
DR. EV
CHK. DTU
SUBMITTED BY:
DESIGN DIR.
APPROVED PWO OR OICC — DATE
SATISFACTORY TO — DATE

REPAIR PARKING LOTS
DETAILS
REPAIR PARKING LOTS, BASEWIDE
PROJECT NO.

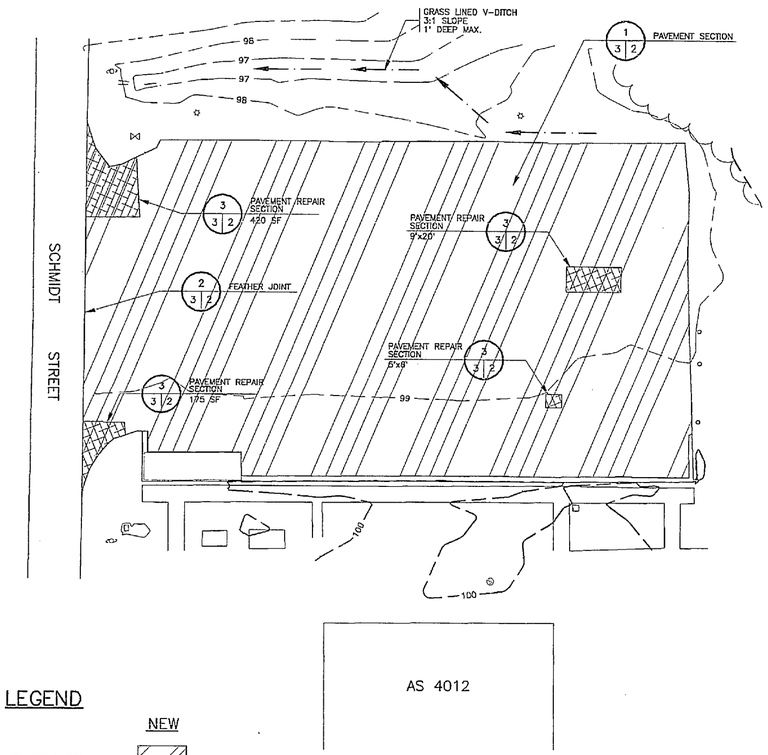
SIZE F | CODE IDENT NO. | NAVFAC DRAWING NO. 4360671
CONTR CONTR NO. N62470-87-B-9301
SCALE AS SHOWN | SPEC. | SHEET 2 OF 7

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED



PARKING LOT "A"
1" = 40'

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.



PARKING LOT "B"
1" = 20'

GRAPHIC SCALE
(IN FEET)
1 inch = 20 ft.

LEGEND

EXISTING		NEW
	RESURFACING AREA	
20	EXIST. CONTOURS	
	EXIST. STORM SEWER	
	LIGHT POLE	
	UTILITY POLE	
	GUY WIRE	
	TREE	
	WOODS LINE	
	WATER VALVE	
	FIRE HYDRANT	
	SEWER MANHOLE	
	TELEPHONE MANHOLE	
	ELECTICAL MANHOLE	
	CATCH BASIN	
	SIGN	
	FENCE	
	PAVEMENT REPAIR	
	CONCRETE BUMPER	

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-3

DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

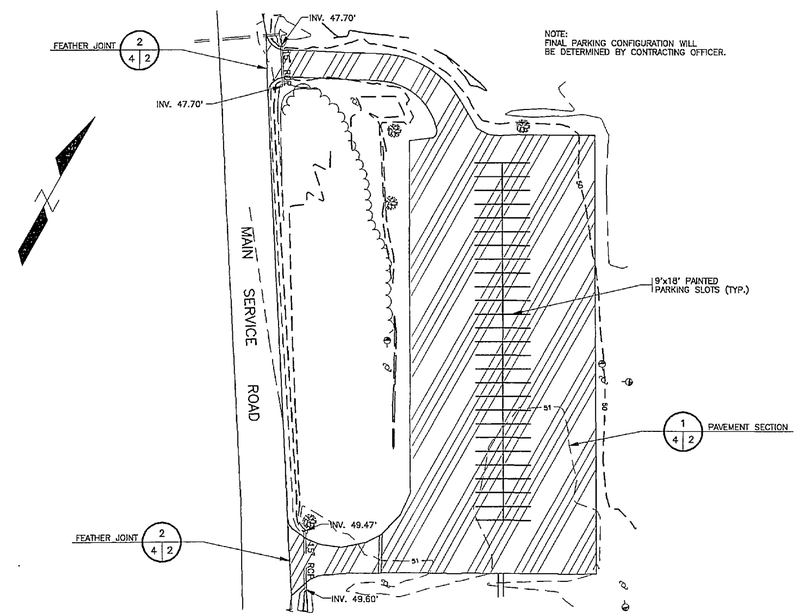
DES. GKD
DR. EV
CHK. DTU
SUBMITTED BY
DESIGN DR.
APPROVED PWO OR OICC — DATE
SATISFACTORY TO — DATE

REPAIR PARKING LOTS "A" AND "B"

REPAIR PARKING LOTS, BASEWIDE
PROJECT NO.

SIZE: F
CODE IDENT NO.
NAVFAC DRAWING NO. 4360672
CONSTR CONTR NO. N62470-87-B-9301
SCALE: AS SHOWN
SPEC.
SHEET 3 OF 7

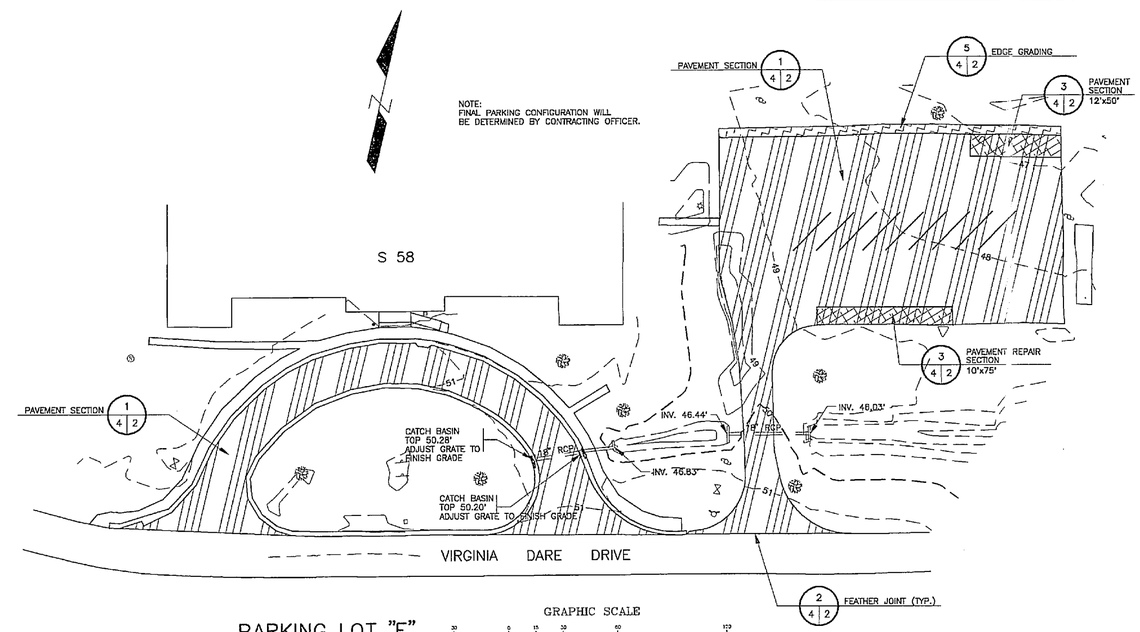
REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED



GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

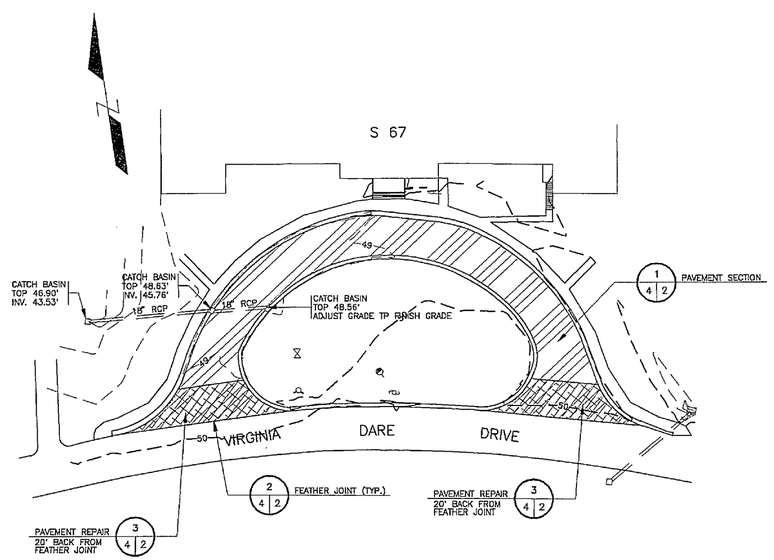
PARKING LOT "C"
1" = 40'



GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

PARKING LOT "E"
1" = 30'



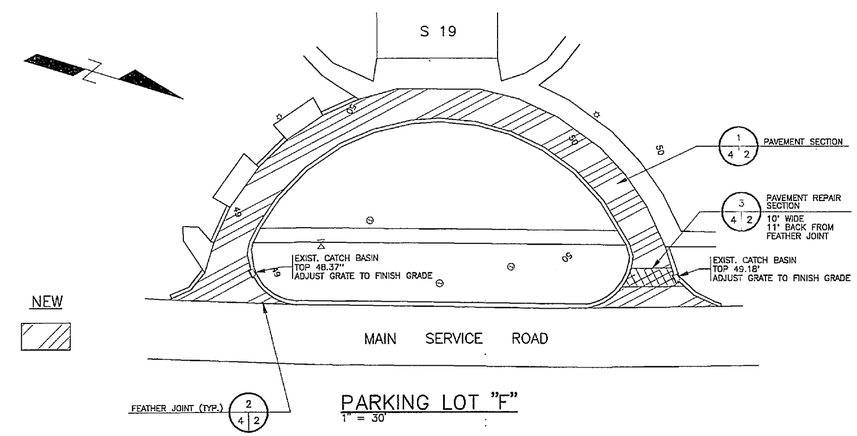
PARKING LOT "D"
1" = 30'

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

LEGEND

EXISTING		NEW
	RESURFACING AREA	
20	EXIST. CONTOURS	
	EXIST. STORM SEWER	
	LIGHT POLE	
	UTILITY POLE	
	GUY WIRE	
	TREE	
	WOODS LINE	
	WATER VALVE	
	FIRE HYDRANT	
	SEWER MANHOLE	
	TELEPHONE MANHOLE	
	CATCH BASIN	
	SIGN	
	CURB AND GUTTER	
	PAVEMENT REPAIR	
	EDGE GRADING	



PARKING LOT "F"
1" = 30'

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-4

DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

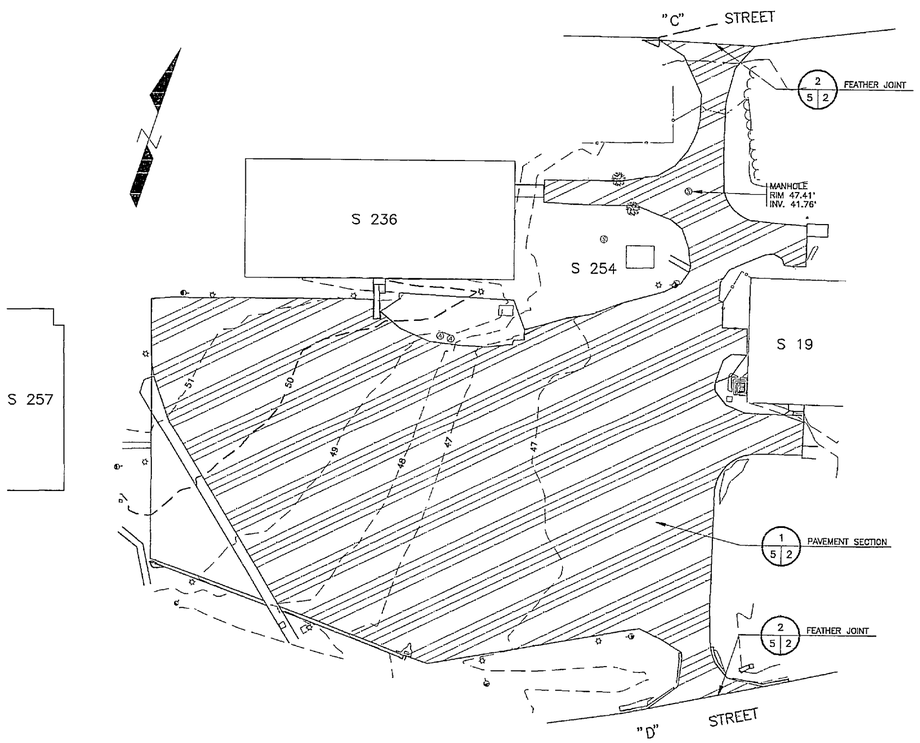
DES. GKD
DR. EV
CHK. DTU
SUBMITTED BY
DESIGN DR.
APPROVED PWO OR OICC — DATE
SATISFACTORY TO — DATE

REPAIR PARKING LOTS 'C', 'D', 'E' AND 'F'
REPAIR PARKING LOTS, BASEWIDE

PROJECT NO.

SIZE: F
CODE IDENT NO.
NAVFAC DRAWING NO. 4360673
CONSTR CONTR NO. N62470-87-D-9381
SCALE: AS SHOWN
SPEC.
SHEET 4 OF 7

REVISIONS			
SYM.	DESCRIPTION	DATE	APPROVED

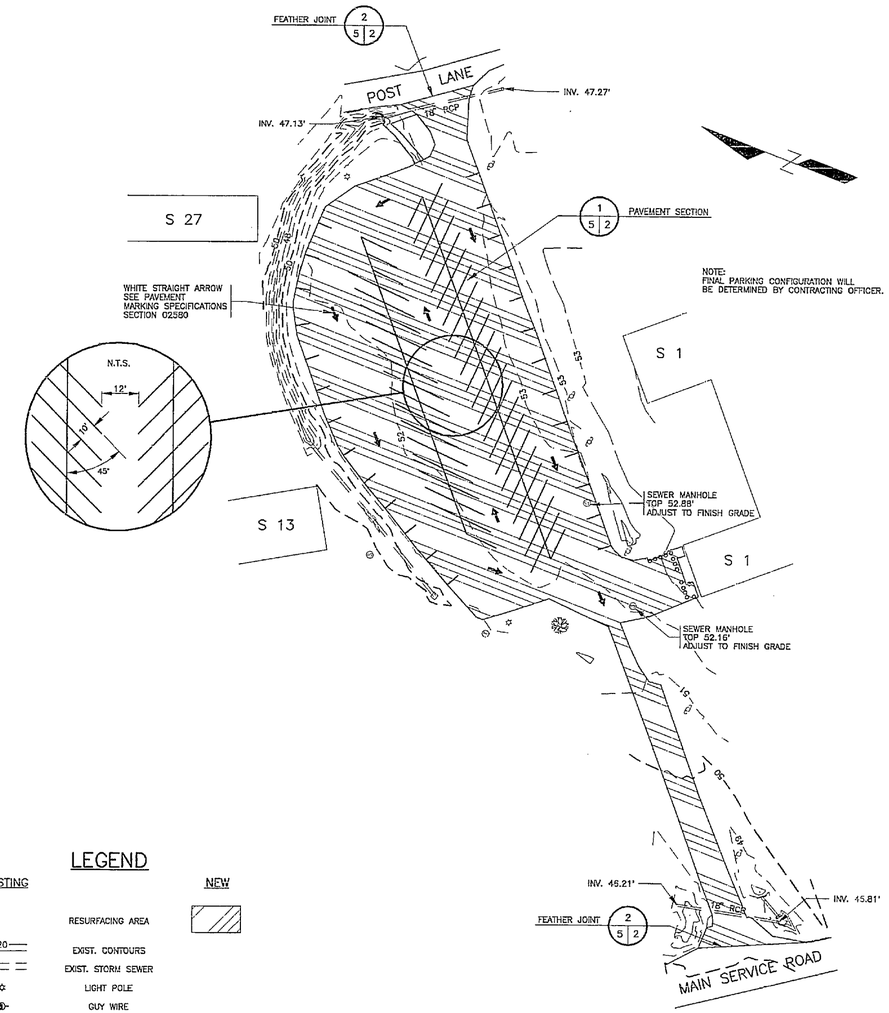


PARKING LOT "G"

1" = 40'

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.



LEGEND

EXISTING		NEW
	RESURFACING AREA	
20	EXIST. CONTOURS	
	EXIST. STORM SEWER	
	LIGHT POLE	
	GUY WIRE	
	TREE	
	WOODS LINE	
	SEWER MANHOLE	
	STEAM MANHOLE	
	TELEPHONE MANHOLE	
	CHAIN LINK FENCE	
	BOLLARD	
	TRAFFIC FLOW	

PARKING LOT "H"

1" = 40'

GRAPHIC SCALE

(IN FEET)
1 inch = 40 ft.

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-5

DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. GKD
DR. EV
CHK. DTU
SUBMITTED BY:
DESIGN DR.
APPROVED- PWO OR OICC — DATE
SATISFACTORY TO — DATE

REPAIR PARKING LOTS "G" AND "H"

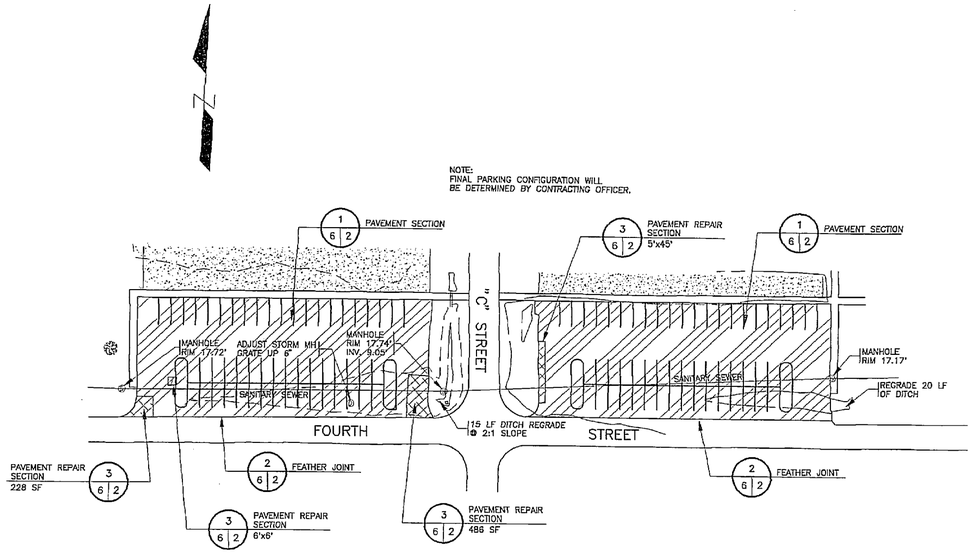
REPAIR PARKING LOTS, BASEWIDE

PROJECT NO.

SIZE: F
CODE IDENT NO.
NAVFAC DRAWING NO. 4360674
CONSTR CONTR NO. N62470-87-B-9301
SCALE 1"=40'
SPEC.
SHEET 5 OF 7

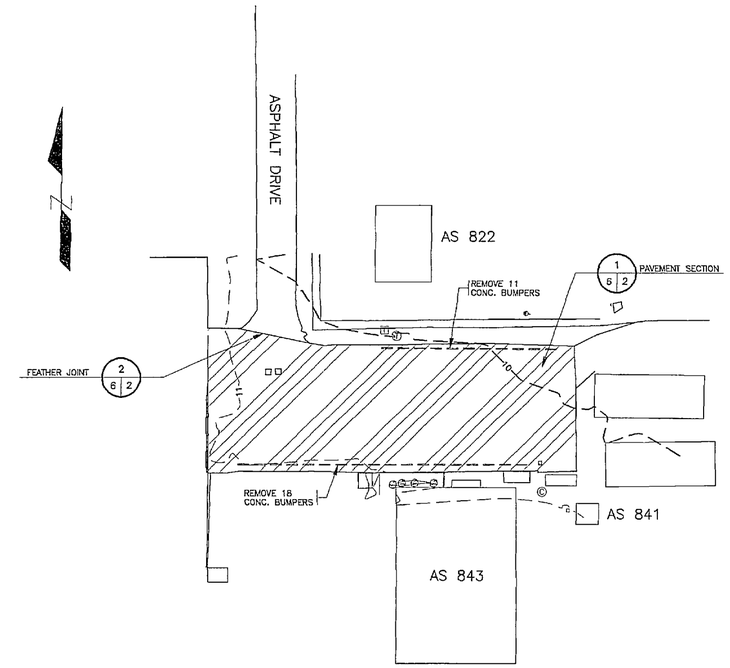
REVISIONS			
SYM	DESCRIPTION	DATE	APPROVED

NOTE:
FINAL PARKING CONFIGURATION WILL BE DETERMINED BY CONTRACTING OFFICER.



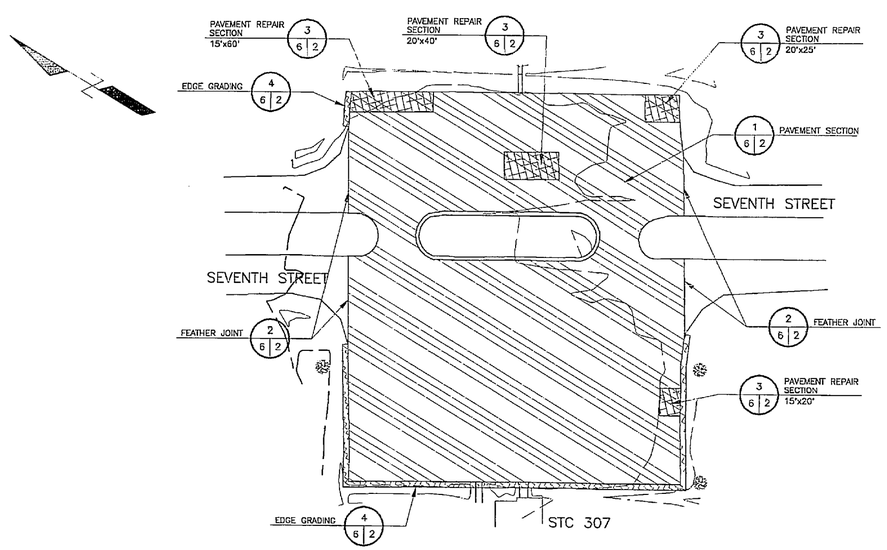
PARKING LOT "I"
1" = 40'

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.



PARKING LOT "K"
1" = 30'

GRAPHIC SCALE
(IN FEET)
1 inch = 30 ft.



PARKING LOT "J"
1" = 40'

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

LEGEND

EXISTING		NEW
	RESURFACING AREA	
20	EXIST. CONTOURS	
	EXIST. STORM SEWER	
	TREE	
	SEWER MANHOLE	
	TELEPHONE PEDESTAL	
	TELEPHONE MANHOLE	
	PAVEMENT REPAIR	
	EDGE GRADING	

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-6

DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DES. GKD
DR. EV
CHK. DTU
SUBMITTED BY:
DESIGN DR.
APPROVED: PWO OR OIC/C DATE
SATISFACTORY TO DATE

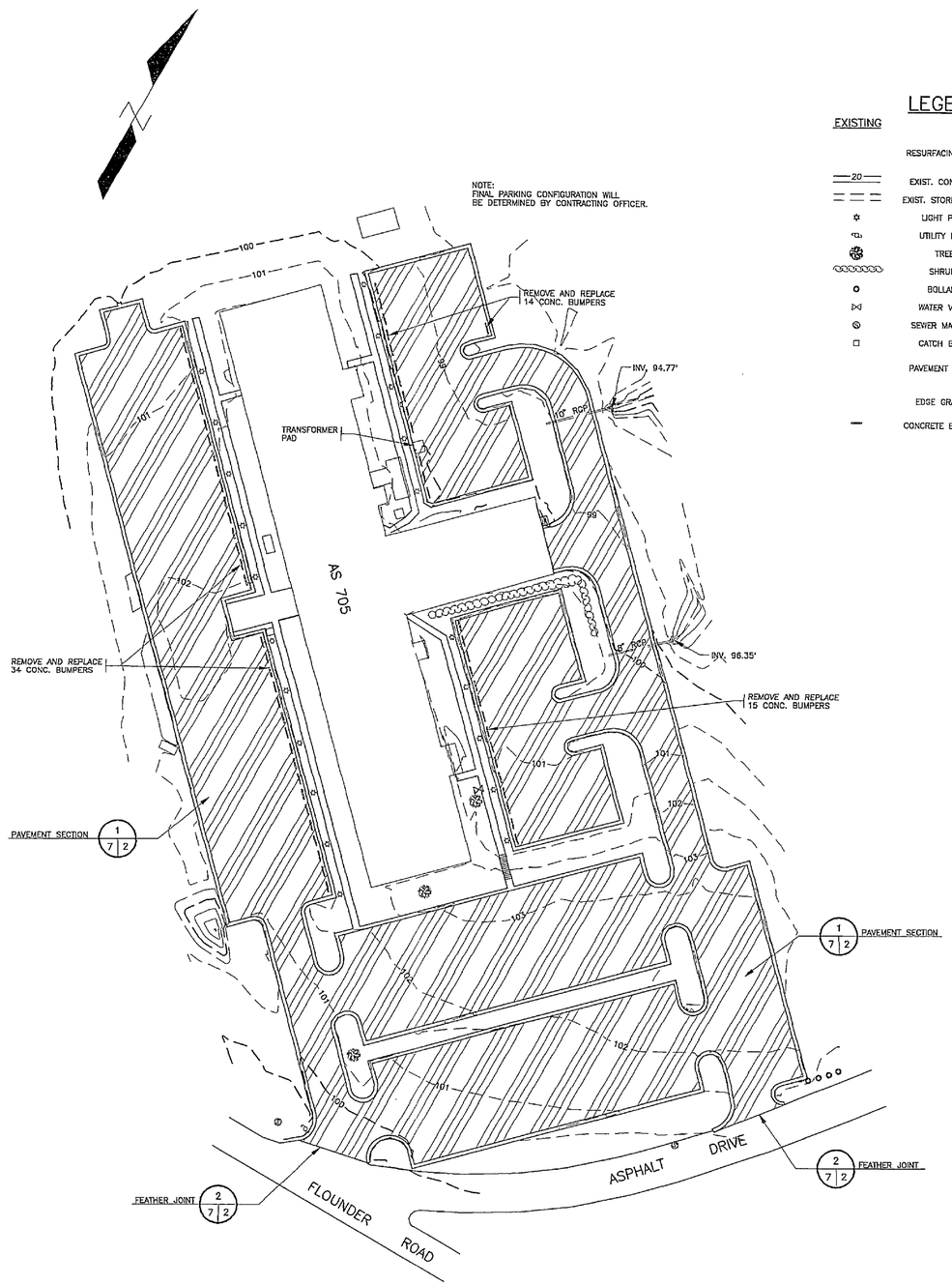
REPAIR PARKING LOTS
"I", "J" AND "K"
REPAIR PARKING LOTS, BASEWIDE
PROJECT NO.

SIZE F | CODE IDENT NO. | NAVFAC DRAWING NO. 4360675
CONTR. CONTR NO. N62470-87-B-9391
SCALE 1"=40' | SPEC. | SHEET 6 OF 7

REVISIONS			
GTM	DESCRIPTION	DATE	APPROVED

LEGEND

EXISTING		NEW
	RESURFACING AREA	
20	EXIST. CONTOURS	
	EXIST. STORM SEWER	
	LIGHT POLE	
	UTILITY POLE	
	TREE	
	SHRUBS	
	BOLLARD	
	WATER VALVE	
	SEWER MANHOLE	
	CATCH BASIN	
	PAVEMENT REPAIR	
	EDGE GRADING	
	CONCRETE BUMPERS	

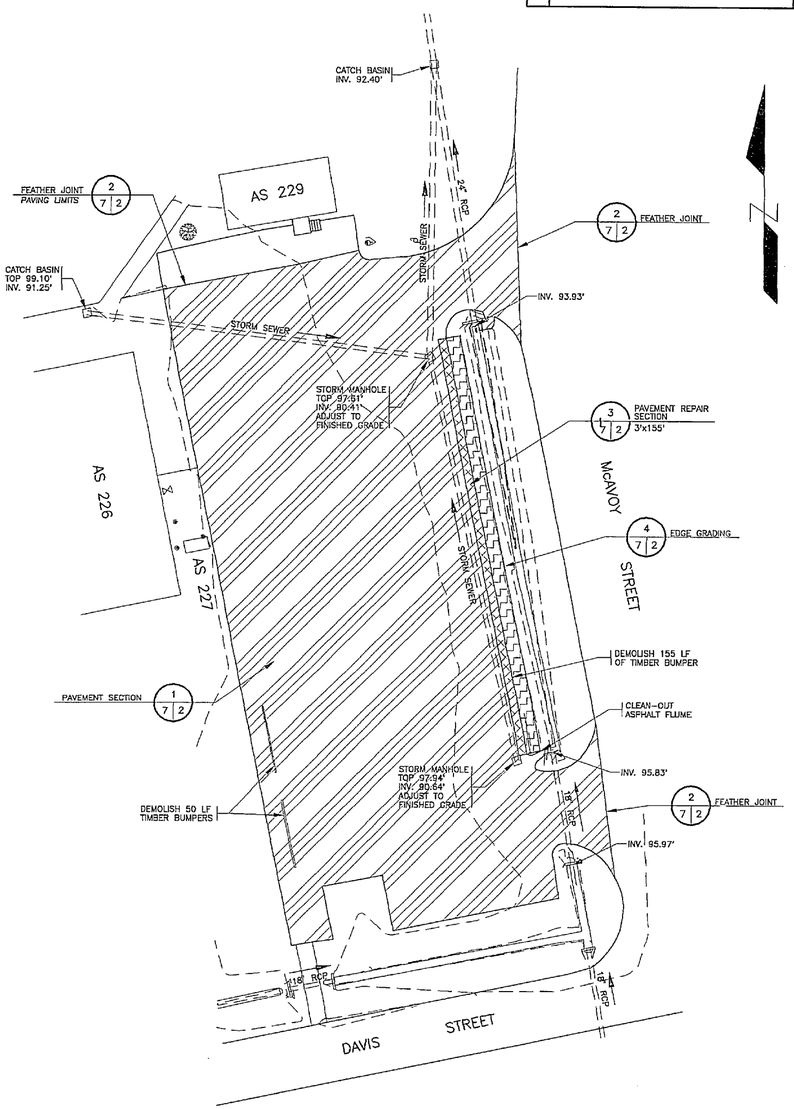


PARKING LOT "L"

1" = 30'

GRAPHIC SCALE

(IN FEET)
1 inch = 30 ft.



PARKING LOT "M"

1" = 20'

GRAPHIC SCALE

(IN FEET)
1 inch = 20 ft.

HOBBS, UPCHURCH & ASSOCIATES, P.A.
CONSULTING ENGINEERS
SOUTHERN PINES, NORTH CAROLINA 28387

C-7

DEPT OF NAVY — NAVAL FACILITIES ENGINEERING COMMAND
MARINE CORPS BASE
CAMP LEJEUNE, NORTH CAROLINA

DBL GKD
DR. EV
CHK. DTU
SUBMITTED BY:
DESIGN DR.

REPAIR PARKING LOTS "L" AND "M"

REPAIR PARKING LOTS, BASEWIDE

PROJECT NO.

APPROVED: PWO OR OICC — DATE
SATISFACTORY TO — DATE

SIZE: F
CODE IDENT NO.
NAVFAC DRAWING NO. 4360676
CONTR CONTR NO. N62470-87-B-9391
SCALE: AS SHOWN
SPEC.
SHEET 7 OF 7