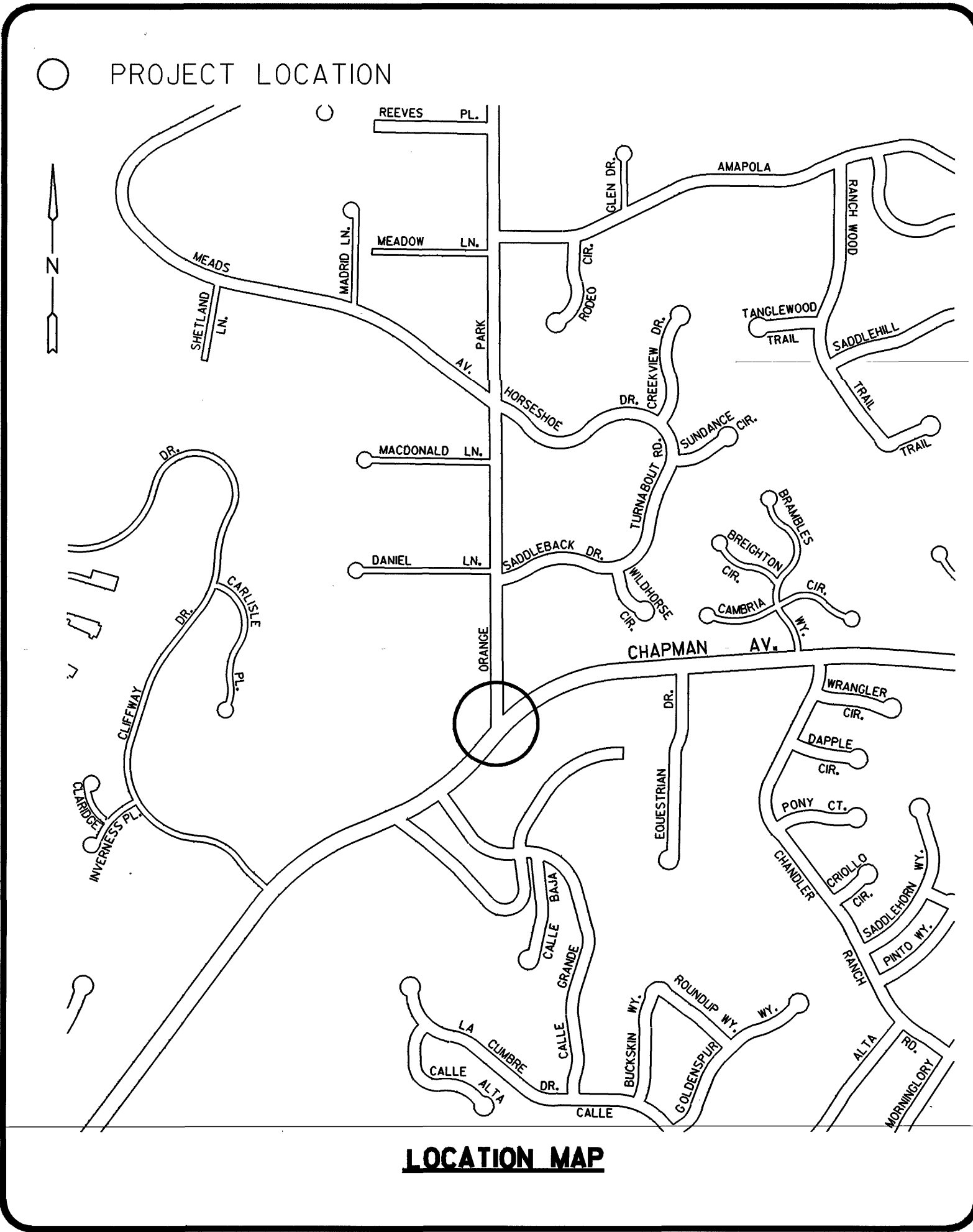
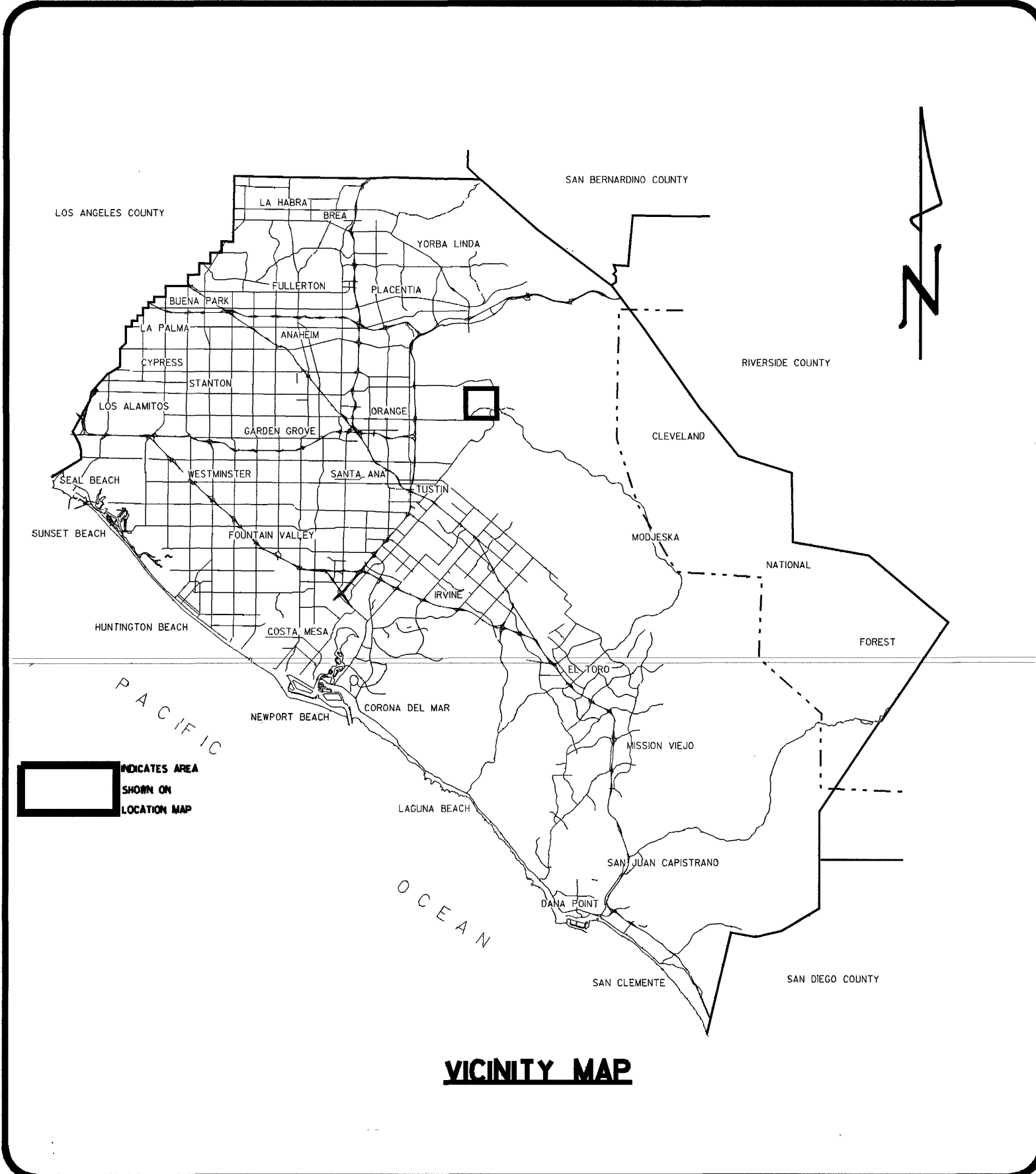


DRAWING NUMBER
C227-1
CHAPMAN @ ORANGE PARK
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DESIGNED BY: MARK CHAPMAN
REVIEWED BY: MARK CHAPMAN
DATE: 4/16/96



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY
SANTA ANA, CALIFORNIA
M. RUANE, DIRECTOR

PLANS FOR CONSTRUCTION OF
A TRAFFIC SIGNAL AND
DRIVEWAY MODIFICATION

AT

CHAPMAN AVENUE

AND

ORANGE PARK BOULEVARD

APRIL 1996

FUNDED BY: MEASURE M FUNDS

EM A - TRANSPORTATION

SUBMITTED: *Domingo L. Cruz* 4/16/96
SF. CIVIL ENGINEER RCE 32916 (6-86-98) DATE
DOMINGO L. CRUZ No. 1183
Exp. 12-31-99

RECOMMENDED: *[Signature]* 4/16/96
TRAFFIC ENGINEER RCE 35217 (9-30-95) DATE
I. G. OCHOA RTE 1183 (12-31-99)

APPROVED: *[Signature]* 4/17/96
DIRECTOR OF TRANSPORTATION DATE
KEN R. SMITH

INDEX OF SHEETS	
SHEET	DESCRIPTION
1	TITLE SHEET
2	SIGNAL PLAN
3	DRIVEWAY PLAN AND PROFILE
4	STRIPING PLAN
5	CROSS SECTION
6	CROSS SECTION
7	DETAIL SHEET

UTILITY OWNER	CONTACT	PHONE NO.
SOUTHERN CALIFORNIA EDISON CO.	GLEN LARSON	(714) 939-4732
THE GAS CO.	MARK PALEN	(714) 634-3262
CITY OF ORANGE / WATER DEPT.	ED MAKIMOTO	(714) 288-2475
THE PACIFIC BELL TELEPHONE CO.	STEVE RANDALL	(714) 259-4473
CITY OF ORANGE / SEWER DEPT.	FERN JEFFERS	(714) 744-5527
CABLEVISION OF ORANGE	KEVIN SCHMITT	(714) 771-3143
ORANGE PARK ACRES MUTUAL WATER CO.	SUSAN BERMAN	(714) 538-0952

BENCH MARK:	
O.C.S. BM. 3D-133-79 ELEV. = 583.292' NGVD 1929 (1976 O.C.S. VERTICAL ADJUSTMENT)	

BASIS OF BEARINGS:	
THE BASIS OF BEARING SHOWN HEREON IS BASED ON THE GRID BEARING BETWEEN O.C.S. HORIZONTAL CONTROL STATIONS G.P.S. NO. 3230 AND G.P.S. NO. 3224, BEING N 00°24'17" W.	

NO.	DESCRIPTION	SHT.	APPROVED	DATE
R E V I S I O N S				

W. O. NO. ER10004

SHEET 1 OF 7

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

CHAPMAN @ ORANGE PARK

PHASE			DIAGRAM			
VEHICULAR & PEDESTRIAN MOVEMENTS						
	01	02	03	04	05	06
COORDINATION FUNCTION	*	*	*	*	*	*

● = DELETABLE PHASES SEE SPECIAL PROVISIONS.
* DETERMINED BY MASTER COMPUTER DURING COORDINATED OPERATION.

2+5

→

2+6

→

4

→

3

SEQUENCE WITH CALLS ON ALL PHASES.

POLE SCHEDULE														
POLE DATA			SIGNAL	H.P.S.V. LUMINAIRE		SIGNAL MOUNTING		PED. PUSH BUTTON		FOUNDATION		ISNS TYPE 'A'		
NO.	TYPE	HEIGHT	M.A.	M.A.	WATTS	VEH.	M.A.	PED.	PHASE	POLE	QUAD	TYPE	SIZE	(DOUBLE FACE)
①	26-4-70	★ 30'	40'	12'	250	SV-1-T	2MAS	SP-1-CS	4	E		C	3'-0"x8'-0"	Orange Park
②	1A	★ 10'				TV-2-T		SP-1-CS	6	S		S	2'-0"x3'-0"	
③	15	30'		12'	250	SV-1-T			6	S		C	2'-6"x5'-0"	
④	1A	10'				TV-2-T		SP-1-CS				S	2'-0"x3'-0"	
⑤	24-4-70	30'	35'	12'	250	SV-2-TA	2MAS					C	2'-6"x8'-0"	Orange Park
⑥	18-3-70	17'	20'			SV-2-TA	1MAS	SP-1-CS	4	W		C	2'-6"x8'-0"	☒ Chapman

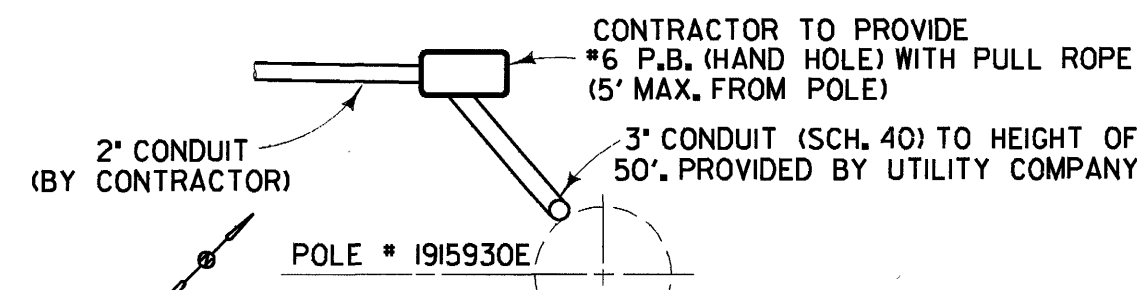
EXACT POLE LOCATIONS DETERMINED BY ENGINEER IN THE FIELD. POTHOLE POLE FOUNDATION LOCATIONS PRIOR TO ORDERING POLES.

CHAPMAN

AVENUE

CONSTRUCTION NOTES:

- CONSTRUCT P.C. CONCRETE TYPE "P" CONTROLLER CABINET FOUNDATION, AND RAISED P.C.C. PAD PER CALTRANS STANDARD PLAN ES-4B.
- FURNISH & INSTALL TRAFFIC CONTROLLER IN TYPE "P" ALUMINUM CABINET, PER THIS PLAN AND THE SPECIAL PROVISIONS.
- FURNISH & INSTALL TYPE III SERVICE & FOUNDATION.
- FURNISH & INSTALL 2" CONDUIT, NO. 6 PULL BOXES, AND PULL ROPE TO ELECTRICAL SERVICE POINT PER DETAIL "K" OF THIS SHEET.
- FURNISH & INSTALL 2" CONDUIT AND TERMINATE INTO #5 PULL BOX FOR FUTURE TELEPHONE SERVICE CONNECTION.
- FURNISH AND INSTALL EVP CABLE FROM END OF MASTARM TO CONTROLLER CABINET AND COIL 15' OF CABLE IN CABINET.
- FURNISH & INSTALL PREFORMED DETECTOR LOOP AS SHOWN ON PLAN & PER SPECIAL PROVISION.
- FURNISH AND INSTALL SIGN AS INDICATED.
- CONSTRUCT A.C. DIKE TYPE DI-8 PER EMA STANDARD PLAN 104-0-OC. DEPRESS CURB FOR WHEELCHAIR ACCESS AT CROSS WALK LOCATION AND AS DIRECTED BY ENGINEER.
- FURNISH AND INSTALL 2" CONDUIT, #5 PULL BOX (UNLESS OTHERWISE NOTED) AND CONDUCTORS AS INDICATED.
- CONSTRUCT MODIFIED A.C. WHEELCHAIR RAMP PER CALTRANS STD. PLAN NSP A88 CASE C.
- CONSTRUCT 4" A.C. OVER COMPACTED NATIVE SOIL IN SHADED AREA.



DETAIL "K"
(POWER SUPPLY)
NOT TO SCALE

CURVE DATA

- Δ = 81°31'44"
R = 25'
L = 35.57'
T = 21.55'
- Δ = 77°17'08"
R = 25'
L = 33.72'
T = 20'
- Δ = 33°50'25"
R = 15'
L = 8.86'
T = 4.56'

CONDUCTOR		SCHEDULE				CONDUCTOR		SCHEDULE					
AWG	CIRCUIT	RUN				AWG	CIRCUIT	RUN					
		1	2	3	4			1	2	3	4		
# 14	● 01	—	3	—	3	3# 20	EVP	1	1	—	1		
	02	3	3	—	3			# 10	SIGNAL COMMON LUMINAIRE TOTAL	1	1	1	2
	● 03	—	—	3	3					2	2	—	
	04	3	3	—	3					3	3	2	
	05	3	3	3	6					DLC	● 01	—	—
	06	—	—	3	6	02	—				3	—	—
	04P	—	2	—	2	● 03	1	1	—		1		
	06P	—	—	2	2	04	—	—	—		2		
	04PPB	—	1	—	1	05	—	1	—		1		
	06PPB	—	—	—	1	06	—	—	3		3		
	PPB COMMON	—	1	1	2	TOTAL	1	5	4		8		
	ISNS	2	2	—	2	CONDUIT SIZE	3"	3"	3"		2-3"		
	SPARES	3	3	3	6								
TOTAL	14	21	15	40									

● = DELETABLE PHASES SEE SPECIAL PROVISIONS.

LEGEND

- 1 SAWCUT
2 MATCH & JOIN EXISTING
3 GRADE TO DRAIN
- R REMOVE
P PROTECT IN PLACE
T TRIM TREE
NEW ASPHALT CONCRETE

INDUCTIVE LOOP DETECTOR SCHEDULE

SENSOR UNIT	CHANNEL	DETECTOR
# 1	1	1-05
	2 (1)	1-02
# 2	1 (2)	2-02
	2	3-02
# 3	1	1-01
	2 (3)	1-06
# 4	1 (4)	2-06
	2	3-06
# 5	1	1-03
	2 (5)	1-04
# 6	1 (6)	2-04
	2	SPARE
# 7	1	(FUT. EVP)
	2	(FUT. EVP)

- Δ - DETECTOR LOOP LOCATIONS SHALL BE APPROVED BY ENGINEER IN FIELD PRIOR TO INSTALLATION. ALL DETECTOR UNITS SHALL BE RACK MOUNTED, DUAL CHANNEL, DUAL OUTPUT PER CHANNEL WITH INTEGRAL COLOREGATED EXTENSION AND DELAY CAPABILITY. OUTPUT "A" SHALL BE TIMED. OUTPUT "B" SHALL BE PRESENCE MODE FOR SYSTEM SAMPLING AND COUNT OUTPUT ONLY.
- (*) = SYSTEM SAMPLER NUMBER.
(V) = VEHICLE COUNTING SYSTEM INPUT NUMBER.
● = DELETABLE PHASES SEE SPECIAL PROVISIONS.

GENERAL NOTES:

SEE SHEET 7

1/2 0 2
3 inches on original drawing



ORANGE COUNTY
ENVIRONMENTAL MANAGEMENT AGENCY

CHAPMAN AVENUE
AT
ORANGE PARK BLVD.

SIGNAL PLAN

MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION	DATE	SHEET
REVISIONS			DATE		
DESIGNED	D. WEAVER	SCALE	DATE	W. O. NO.	2
DRAWN	T. PHAM	AS SHOWN	APR. 96	ER10004	OF 7
CHECKED	D. L. CRUZ				

DRAWING NUMBER
C22Z-3

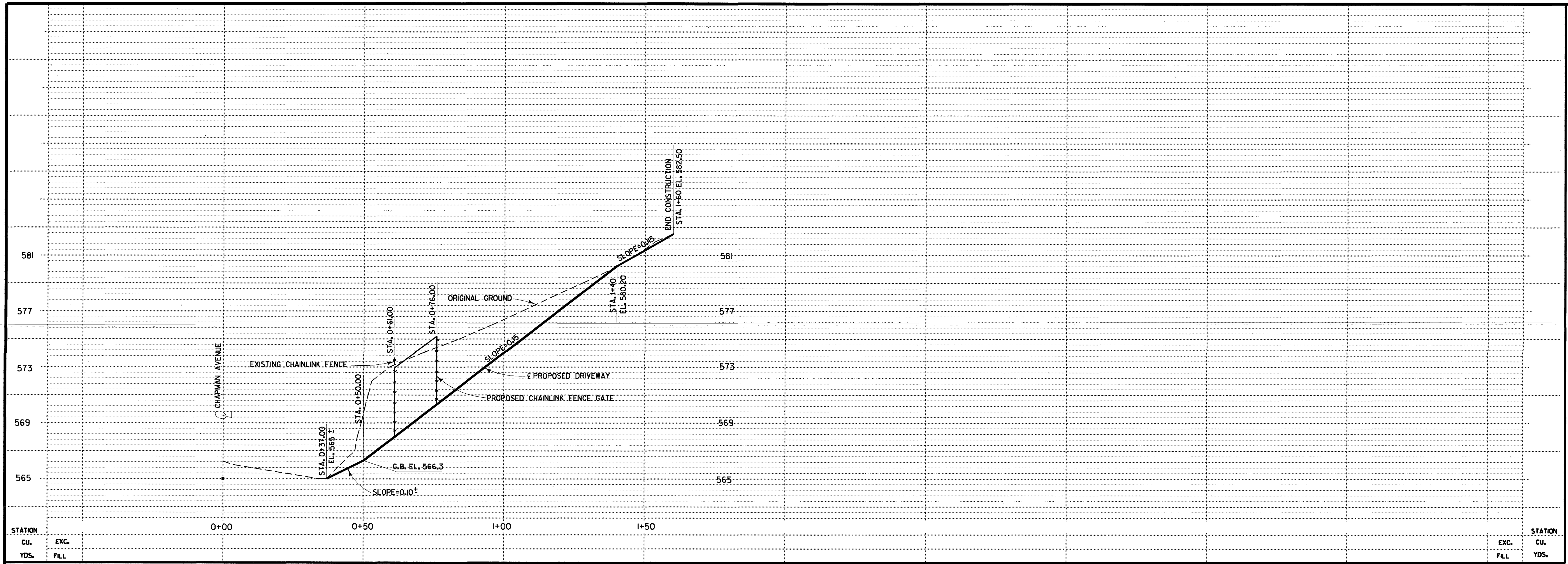
PLAN HOLD CORPORATION • RIVERSIDE, CALIFORNIA
DESIGNED BY: J. PHAM
CHECKED BY: M. CRUZ
REVISIONS BY: M. CRUZ
POSITION: DATE OF PRINT: 04/16/96

DRAWING NUMBER
C22Z-3

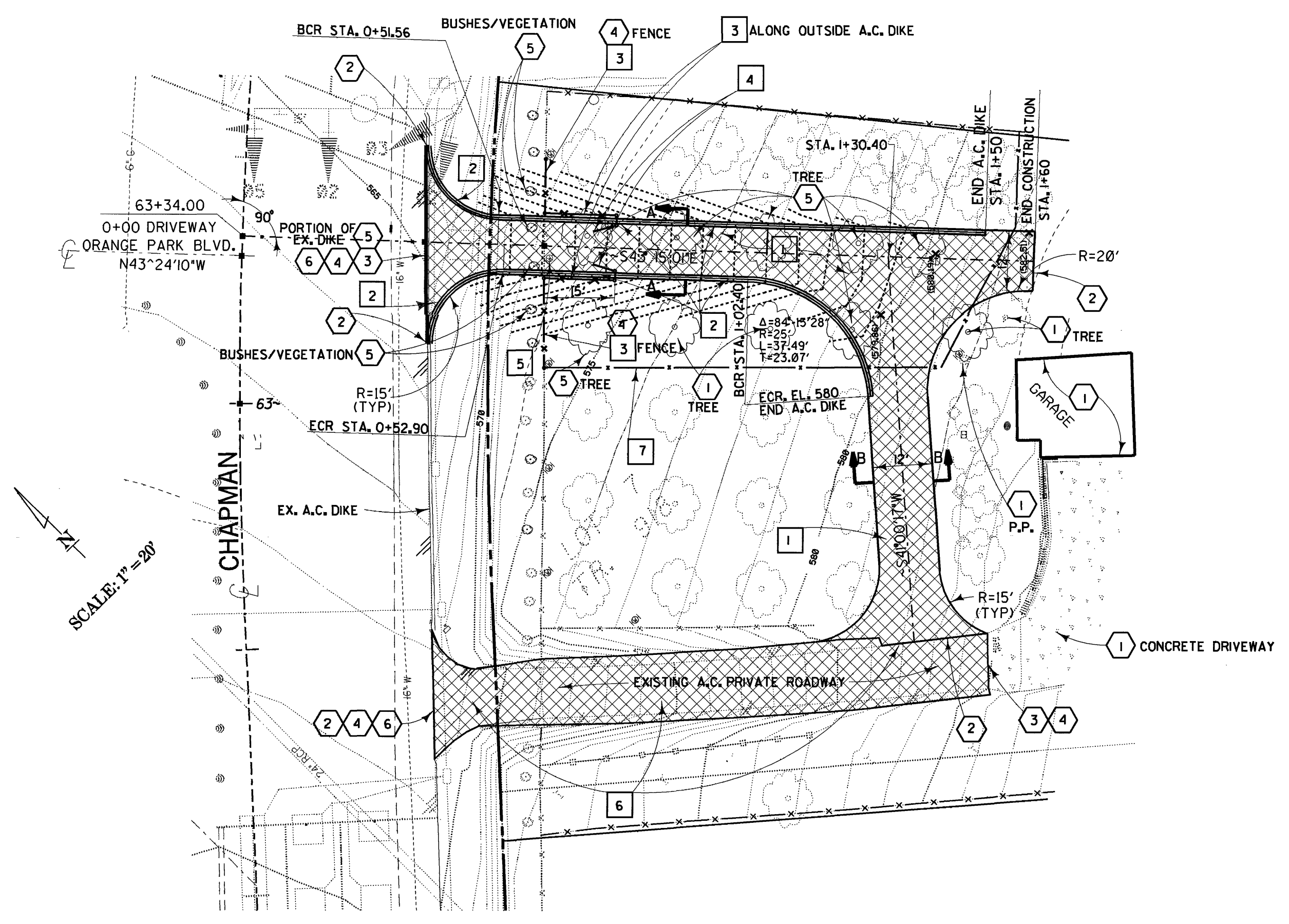
PLAN HOLD CORPORATION • RIVERSIDE, CALIFORNIA
DESIGNED BY: J. PHAM
CHECKED BY: M. CRUZ
REVISIONS BY: M. CRUZ
POSITION: DATE OF PRINT: 04/16/96

DRAWING NUMBER
C22Z-3

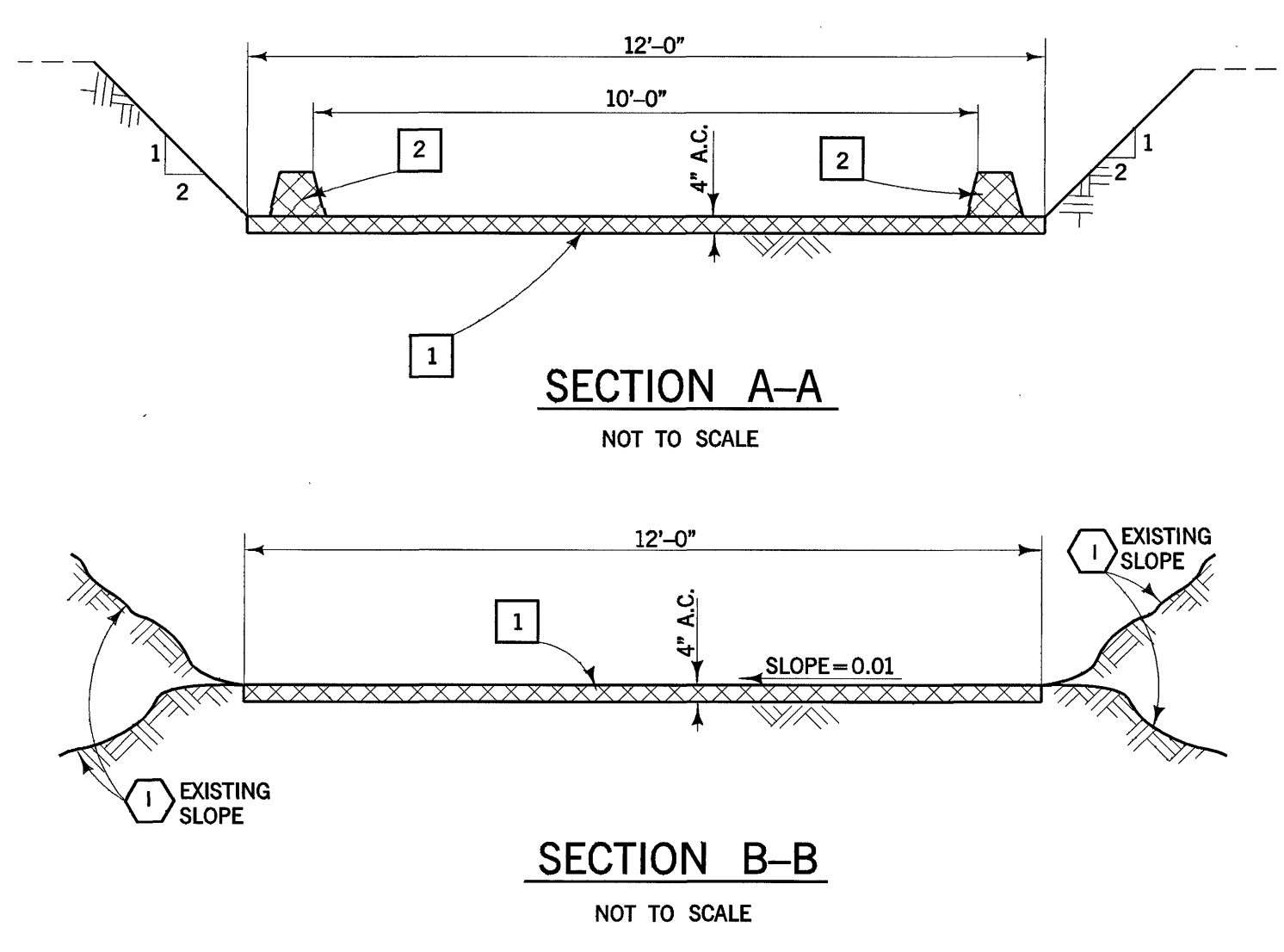
PLAN HOLD CORPORATION • RIVERSIDE, CALIFORNIA
DESIGNED BY: J. PHAM
CHECKED BY: M. CRUZ
REVISIONS BY: M. CRUZ
POSITION: DATE OF PRINT: 04/16/96



- CONSTRUCTION NOTES:**
1. CONSTRUCT 4" A.C. OVER 90% COMPACTED NATIVE SOIL PER SECTION A-A THIS SHEET AND CROSS SECTIONS SHEETS 5 AND 6.
 2. CONSTRUCT A.C. DIKE TYPE DI-6 PER EMA STANDARD PLAN 104-0-0C AND SECTION A-A THIS SHEET. PROVIDE BREAK IN DIKE AT GATE LOCATION.
 3. CONSTRUCT FENCE PER EMA STANDARD PLAN 600-0. MATCH AND JOIN EXISTING FENCE (H=6').
 4. CONSTRUCT DOUBLE SWING GATE PER EMA STANDARD PLAN 600-0. MAXIMUM CLEARANCE 4' ABOVE A.C. PAVEMENT.
 5. RELOCATE HOSE BIB VALVE AS DIRECTED BY ENGINEER IN FIELD.
 6. CONSTRUCT 1 1/2" A.C. OVERLAY ON EXISTING A.C. DRIVEWAY AS SHOWN.
 7. CONSTRUCT 6' HIGH TEMPORARY CHAIN LINK FENCE.



SCALE
HORIZONTAL: 1" = 20'
VERTICAL: 1" = 4'



- LEGEND**
- 1. PROTECT IN PLACE
 - 2. MATCH EXISTING OR PROPOSED GRADE
 - 3. SAWCUT
 - 4. JOIN EXISTING
 - 5. REMOVE
 - 6. GRADE TO DRAIN
 - NEW ASPHALT CONCRETE



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
CHAPMAN AVENUE AT ORANGE PARK BLVD.	
DRIVEWAY PLAN AND PROFILE	
DESIGNED: D. WEAVER	CHECKED: D. L. CRUZ
DRAWN: J. PHAM	DATE: 4/16/96
SCALE: AS SHOWN	DATE: APR. 96
DRAWING NO. ERI0004	
SHEET 3 OF 7	

STRIPING NOTES:

- 1 — REMOVE & SALVAGE SIGN AS INDICATED.
- 2 — FURNISH AND INSTALL SIGN AS INDICATED.
- 3 — SANDBLAST & REMOVE CONFLICTING STRIPING, PAVEMENT MARKINGS AND STENCIL (IN BLOCK FORM) AS SHOWN.
- 4 — STENCIL PAVEMENT MARKINGS AS SHOWN.
- 5 — PAINT 12" SOLID WHITE.
- 6 — PAINT 8" SOLID WHITE.
- 7 — PAINT 4" SOLID WHITE.
- 8 — PAINT 4" SOLID DOUBLE YELLOW PER CALTRANS STANDARD PLAN DETAIL AS SHOWN.
- 9 — FURNISH AND INSTALL TYPE 'A' YELLOW RPM'S AT 10' O.C. AS SHOWN PER PLAN.
- 10 — PAINT 4" DASH WHITE PER CALTRANS DETAIL 9.
- 11 — PAINT 6" SOLID WHITE.

LEGEND

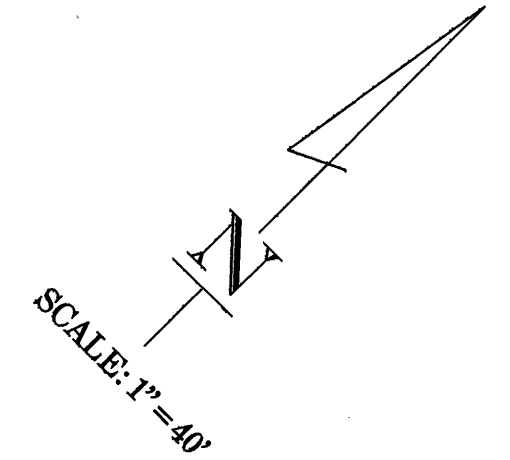
(M) MATCH EXISTING STRIPING

ORANGE PARK BLVD.

CHAPMAN

AVENUE

CALLE GRANDE



1 1/2 0 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
CHAPMAN AVENUE AT ORANGE PARK BLVD.	
STRIPING PLAN	
MARK	DATE
REVISIONS	
DESIGNED	DATE
DRAWN	CHECKED
PREPARED FOR SUPERVISOR	
SCALE	DATE
AS SHOWN	APR. 96
W. O. NO. ER0004	
SHEET 4 OF 7	

DRAWING NUMBER

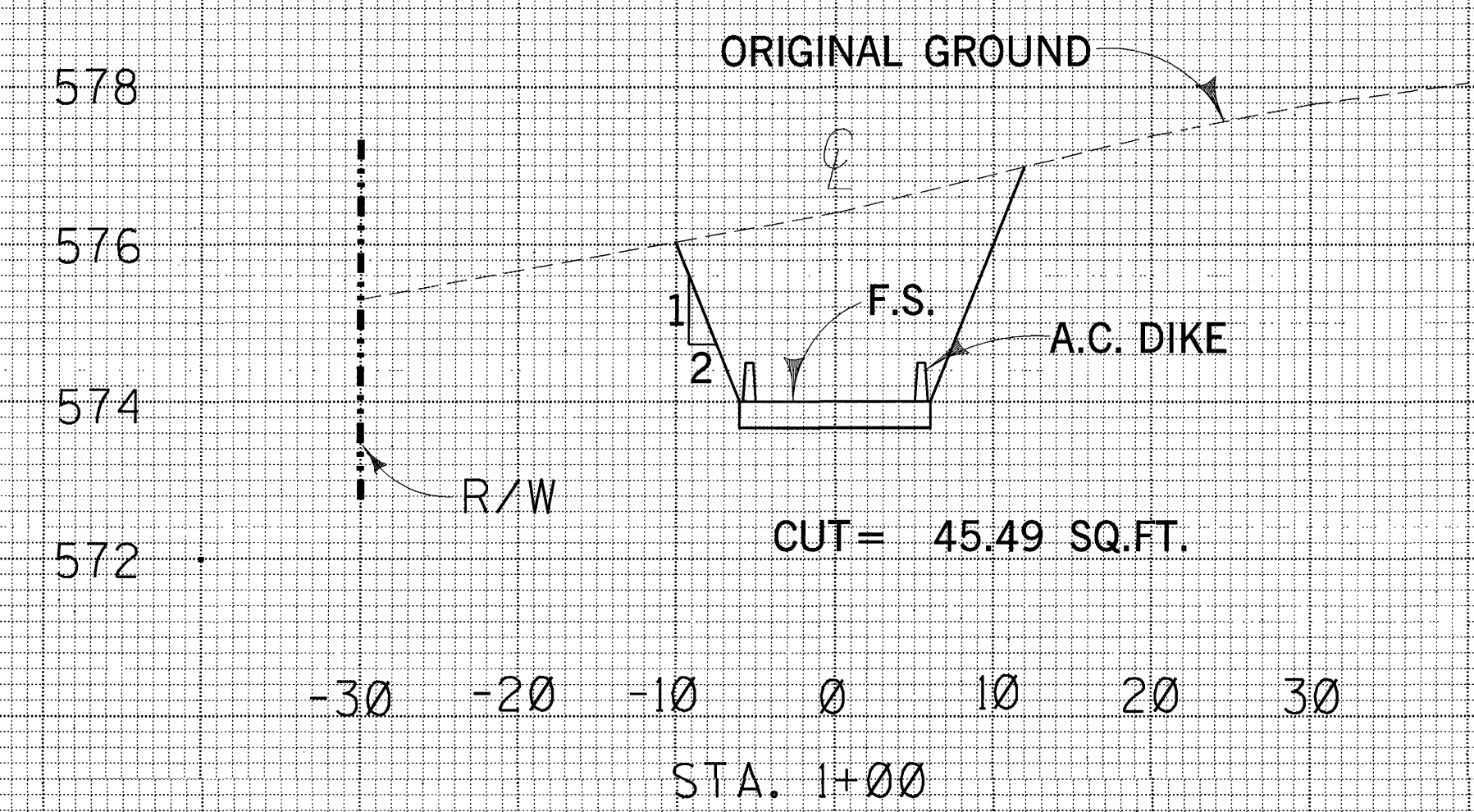
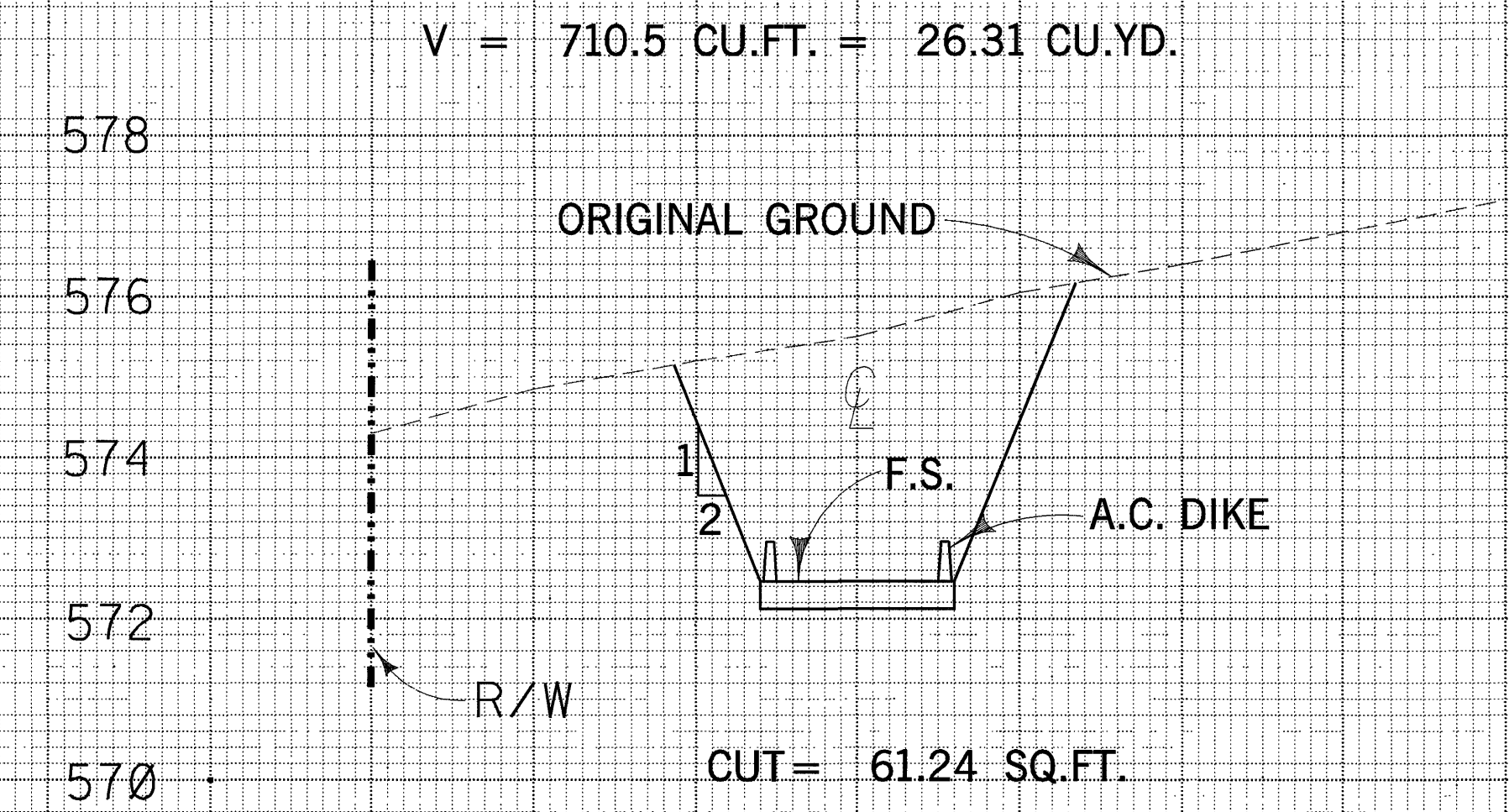
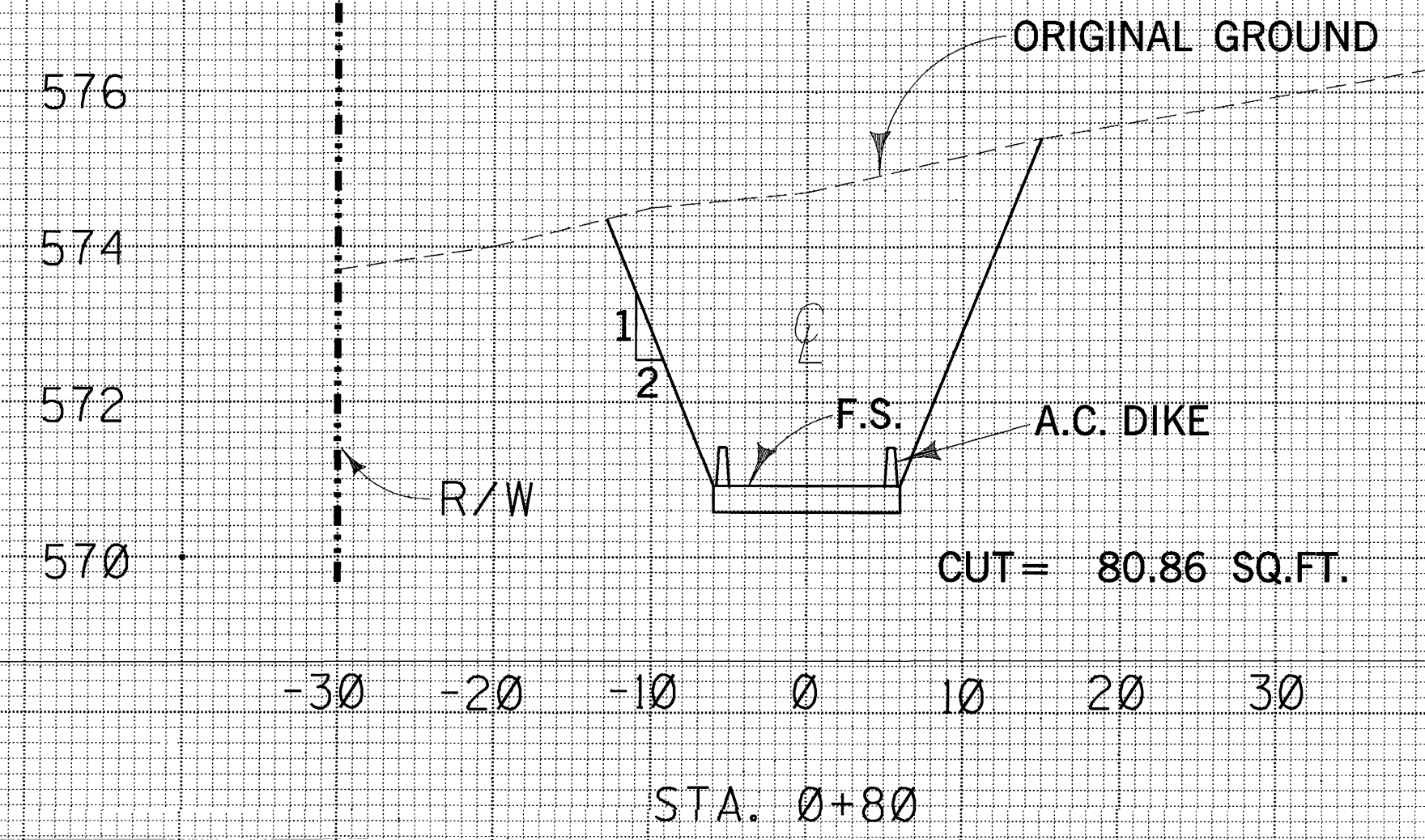
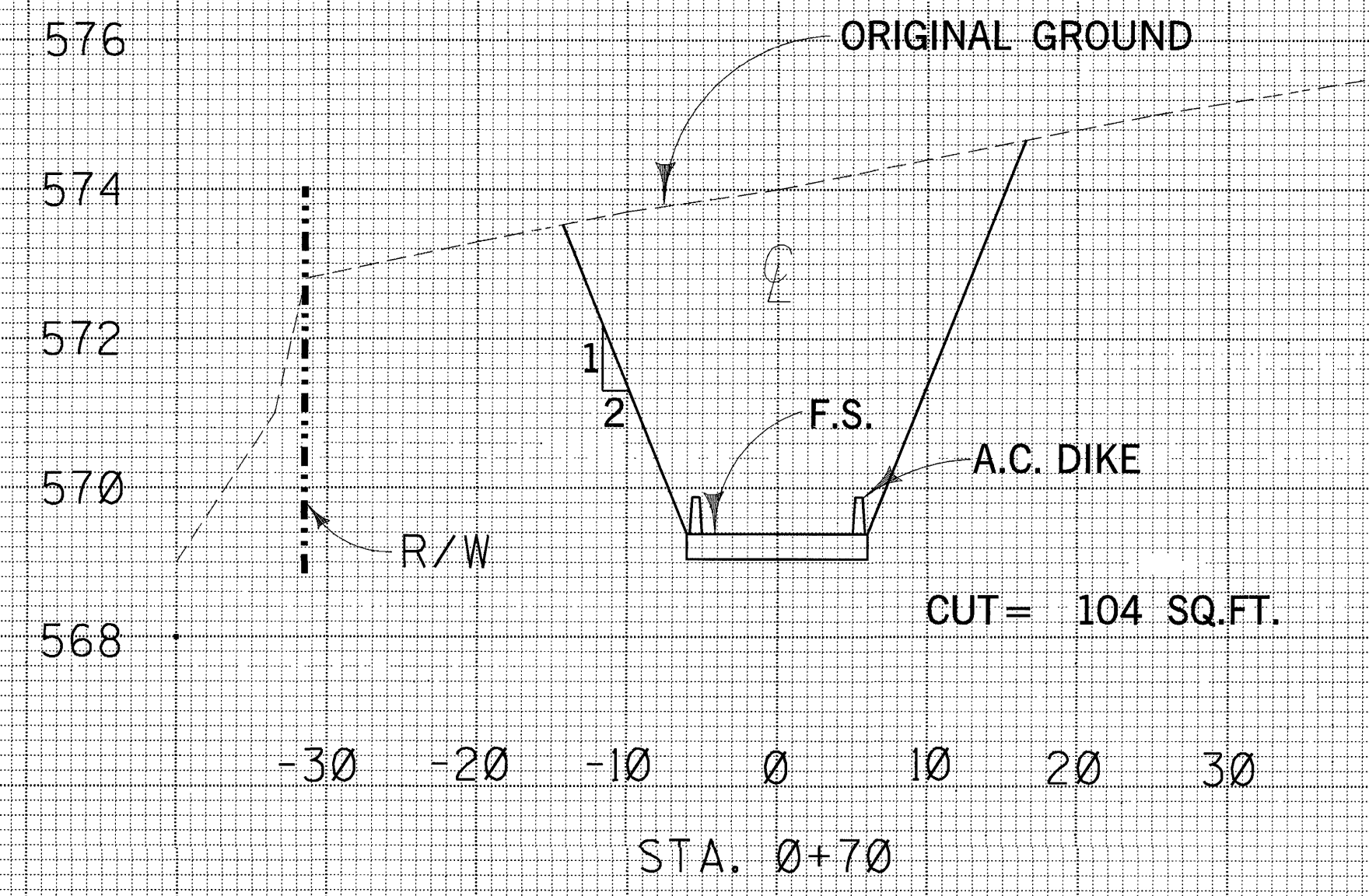
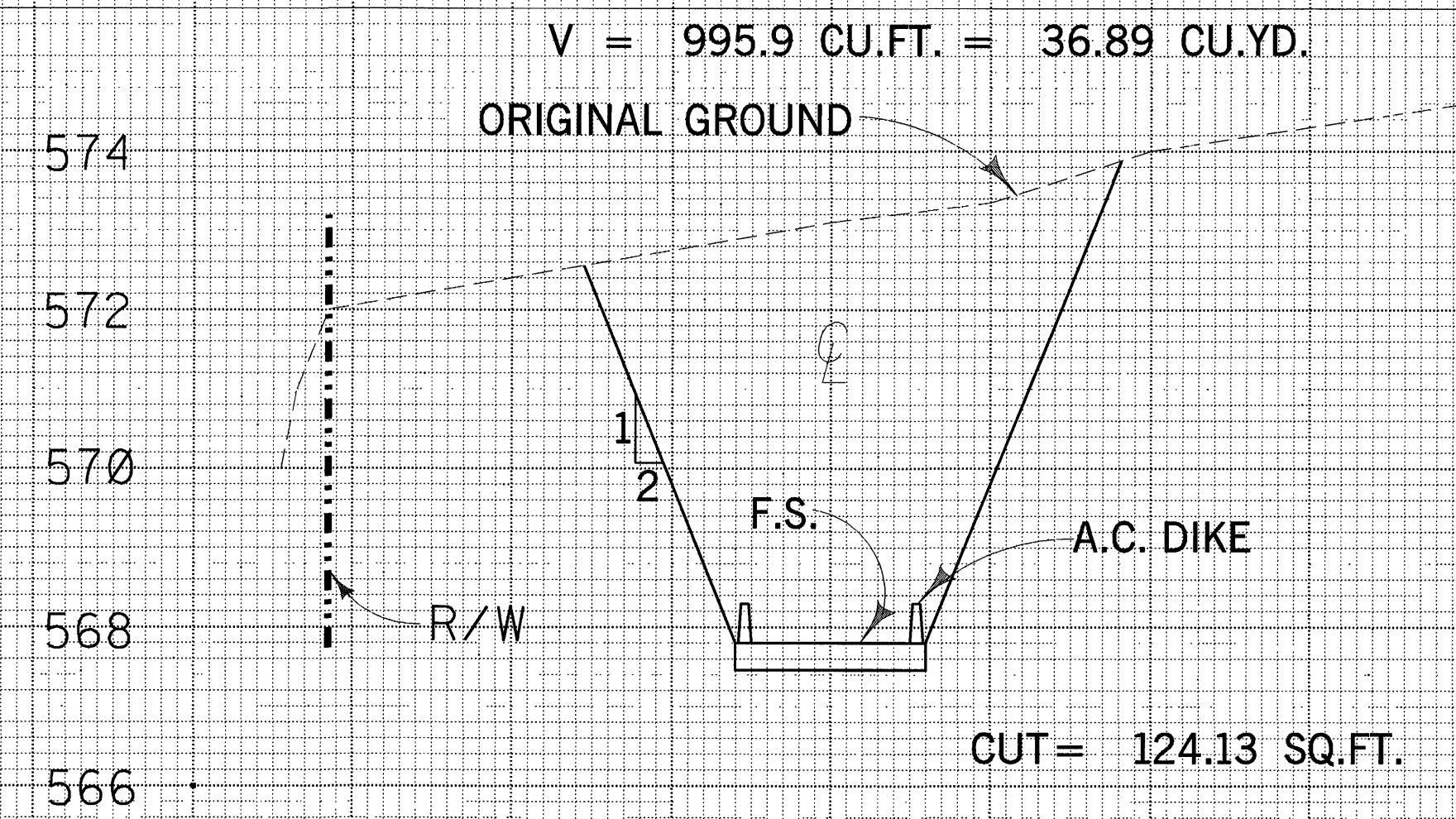
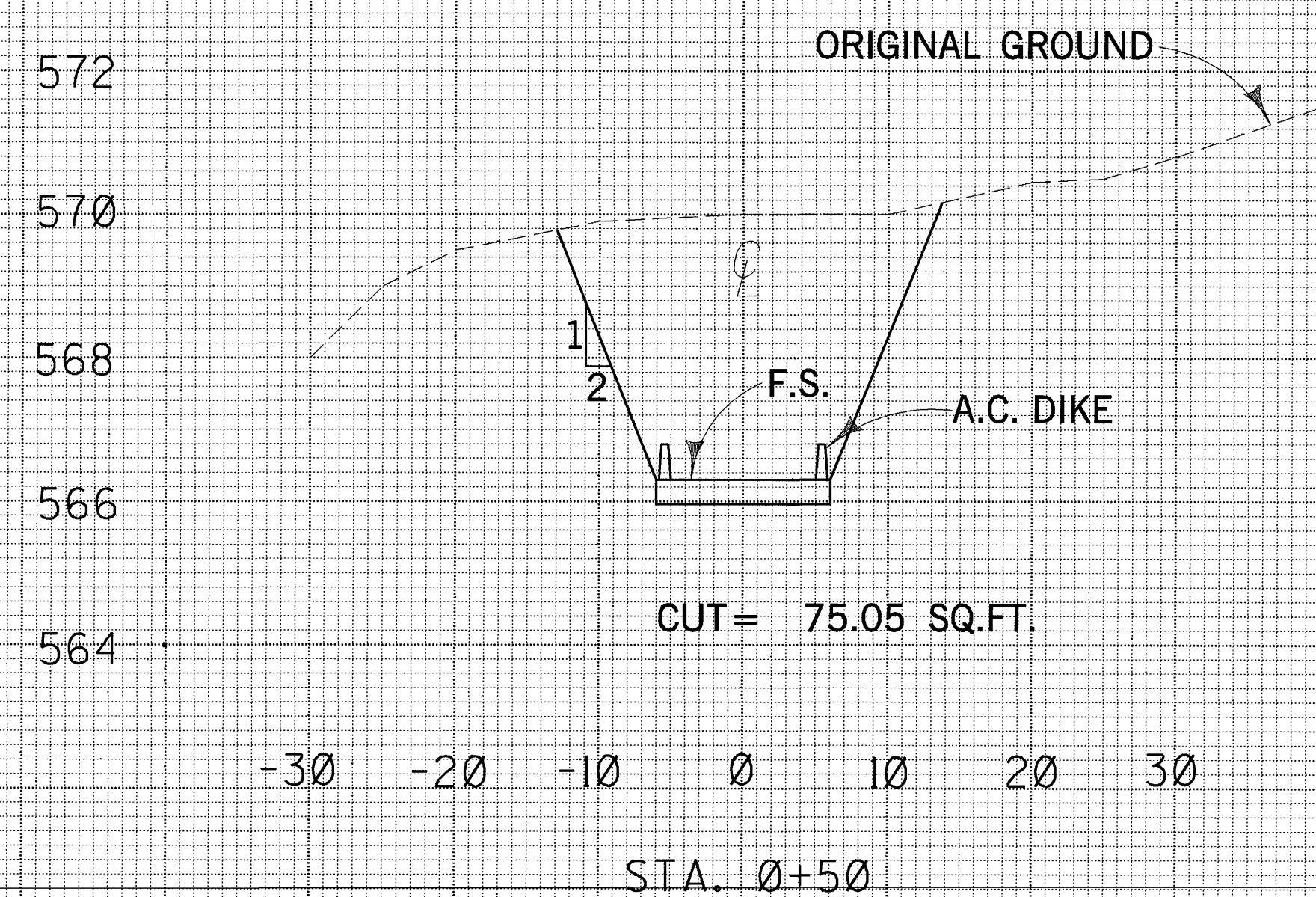
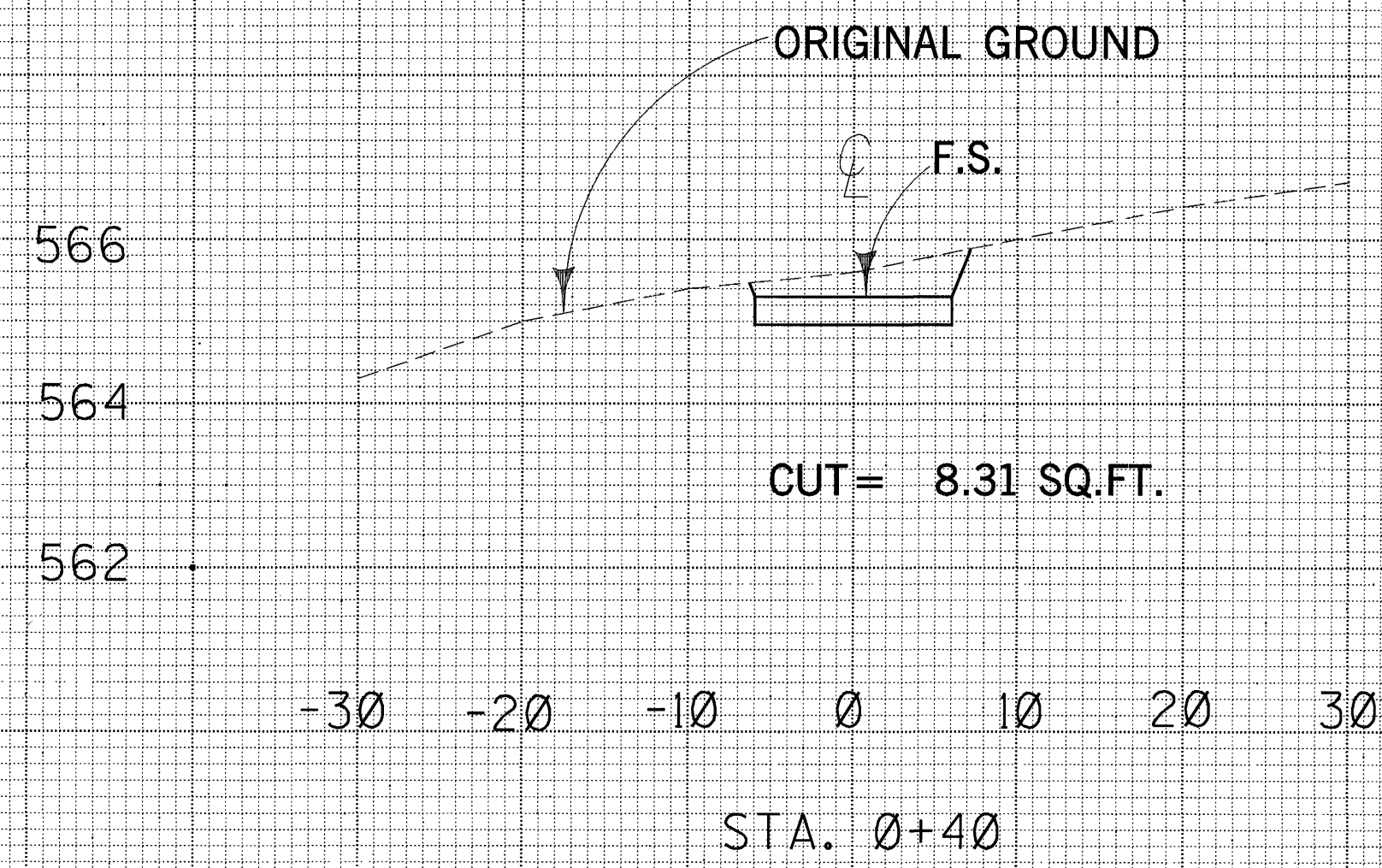
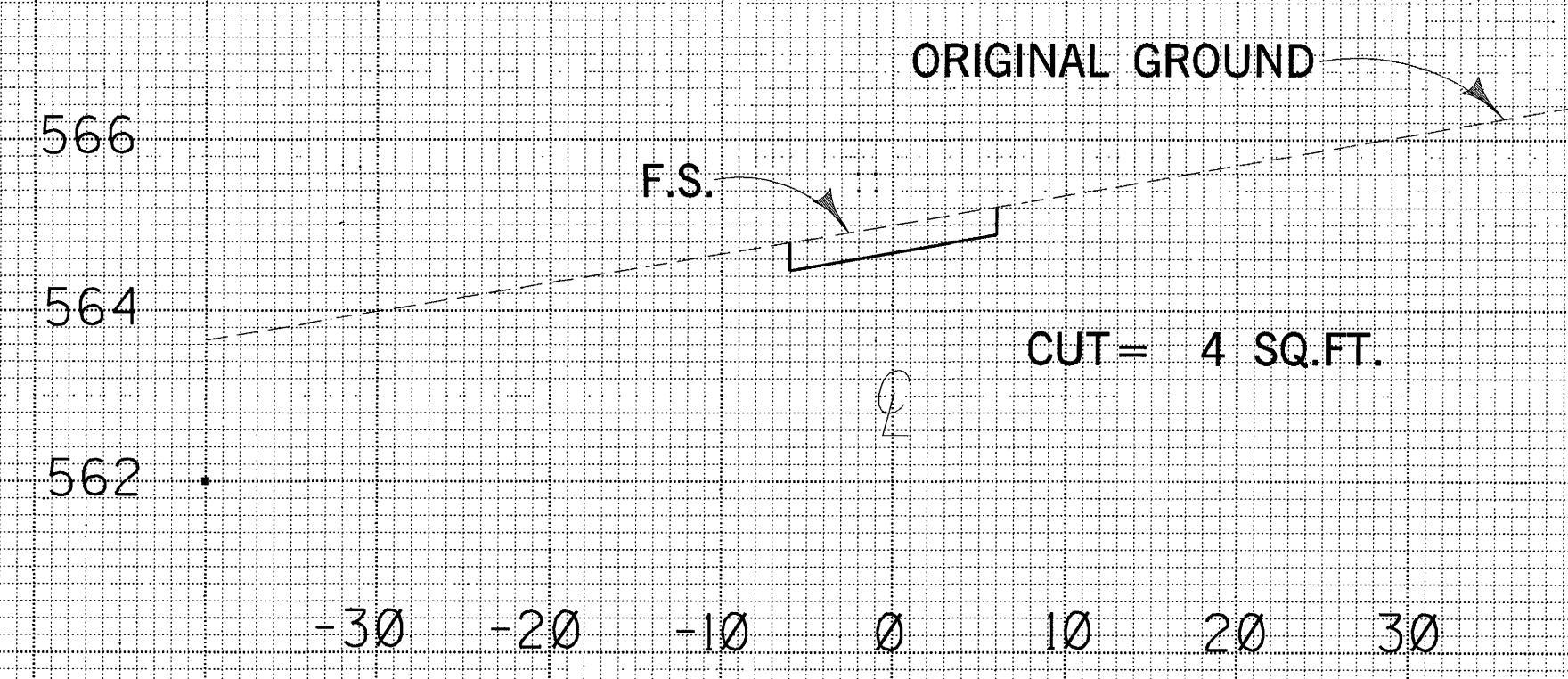
DRAWING NUMBER

DRAWING NUMBER

DRAWING NUMBER

CHAPMAN @ ORANGE PARK

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REGISTERED BY NUMBER 07348
REVISION DATE OF PRINT ON FILE



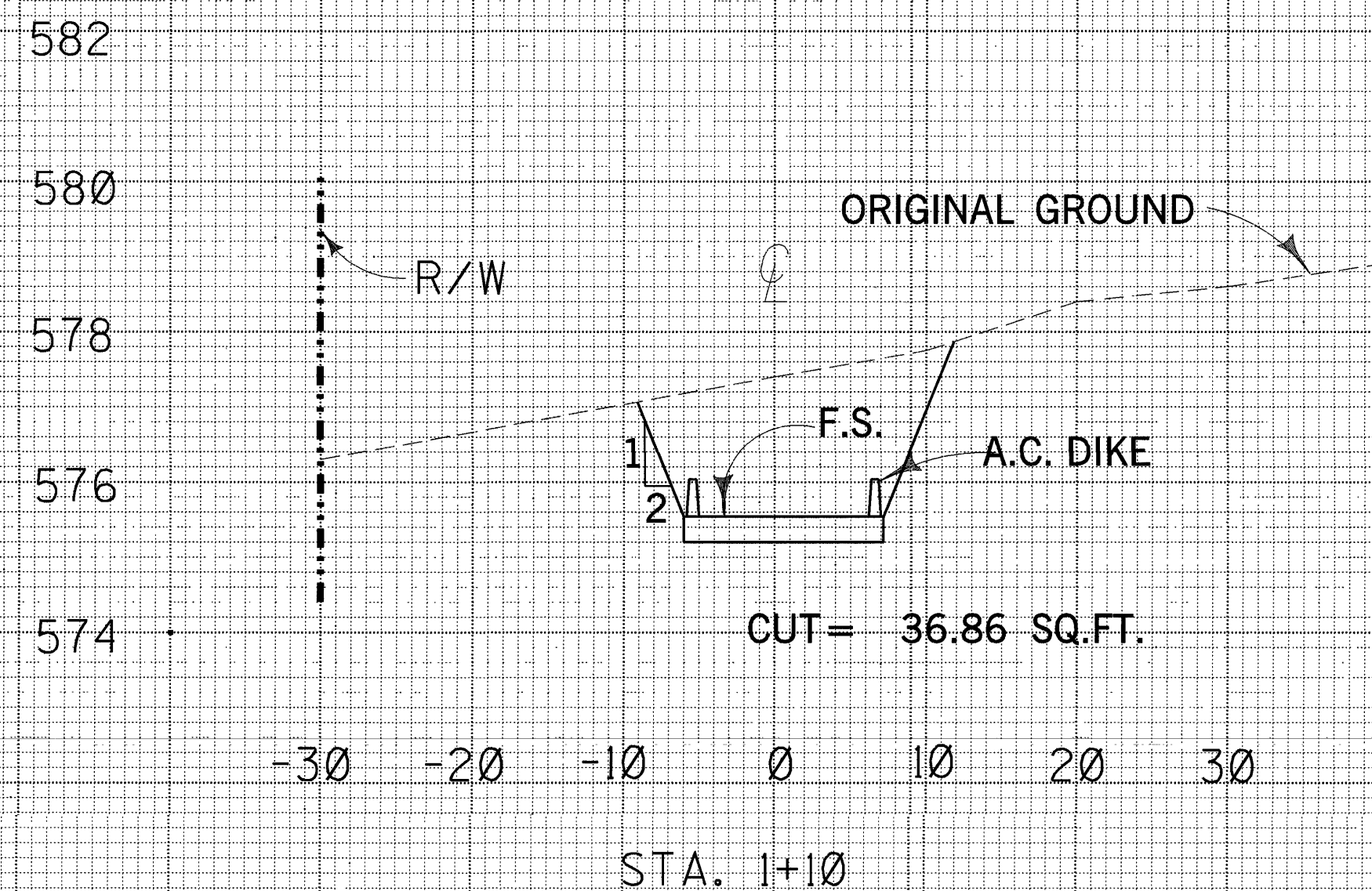
SCALE:
HOR.: 1" = 10'
VERT. 1" = 2'

NOTE:
CROSS-SECTIONS WERE DERIVED
FROM TOPOGRAPHIC MAPS.

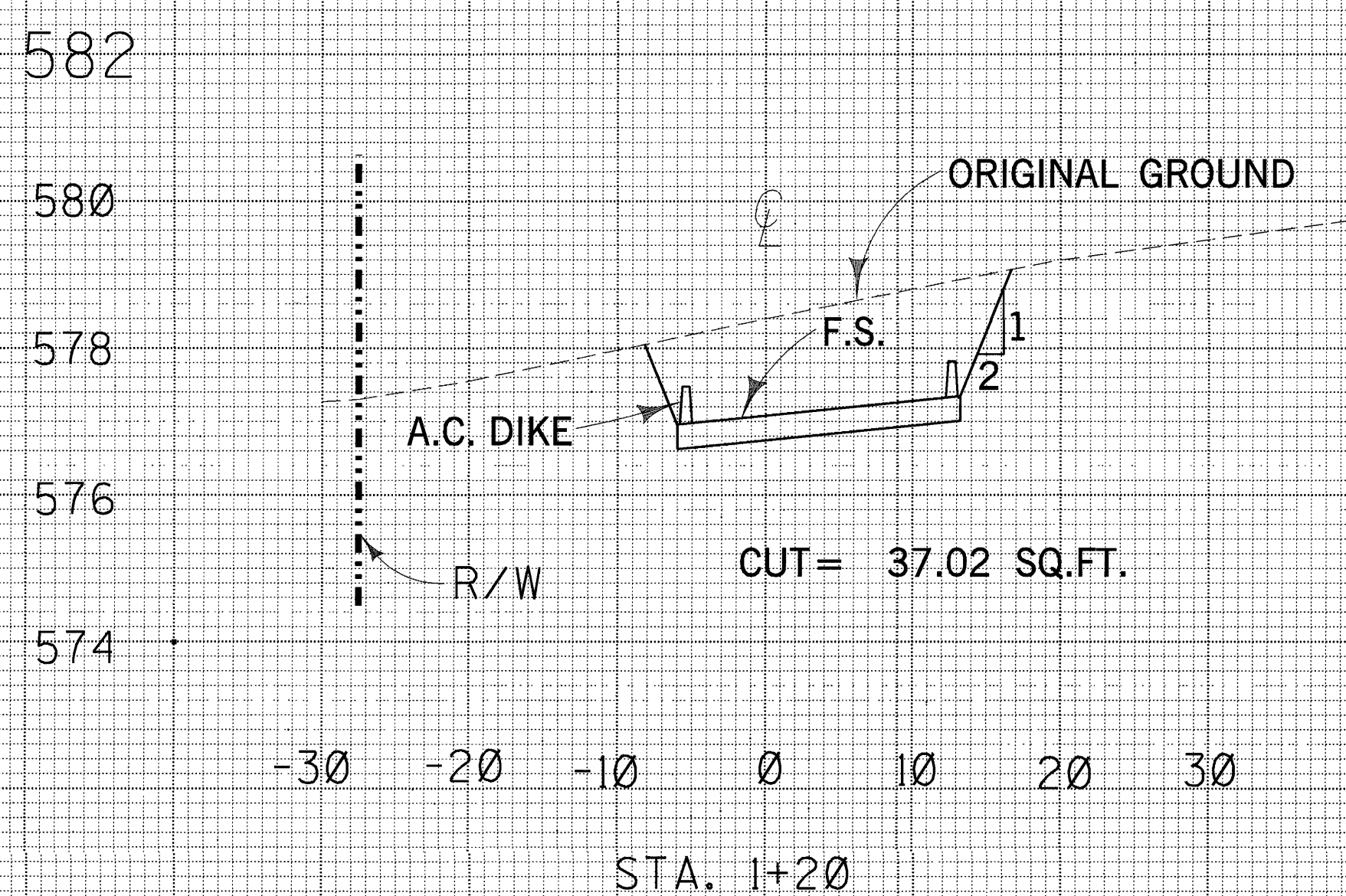


ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		
CROSS SECTION CHAPMAN AVE. @ STA. 63+34.00 DRIVEWAY		
DESIGNED D. WEAVER	CHECKED D.L. CRUZ	SHEET 5 OF 7
DRAWN T. PHAM	DATE APR. 96	DWG. NO. ER10004
SCALE AS SHOWN		

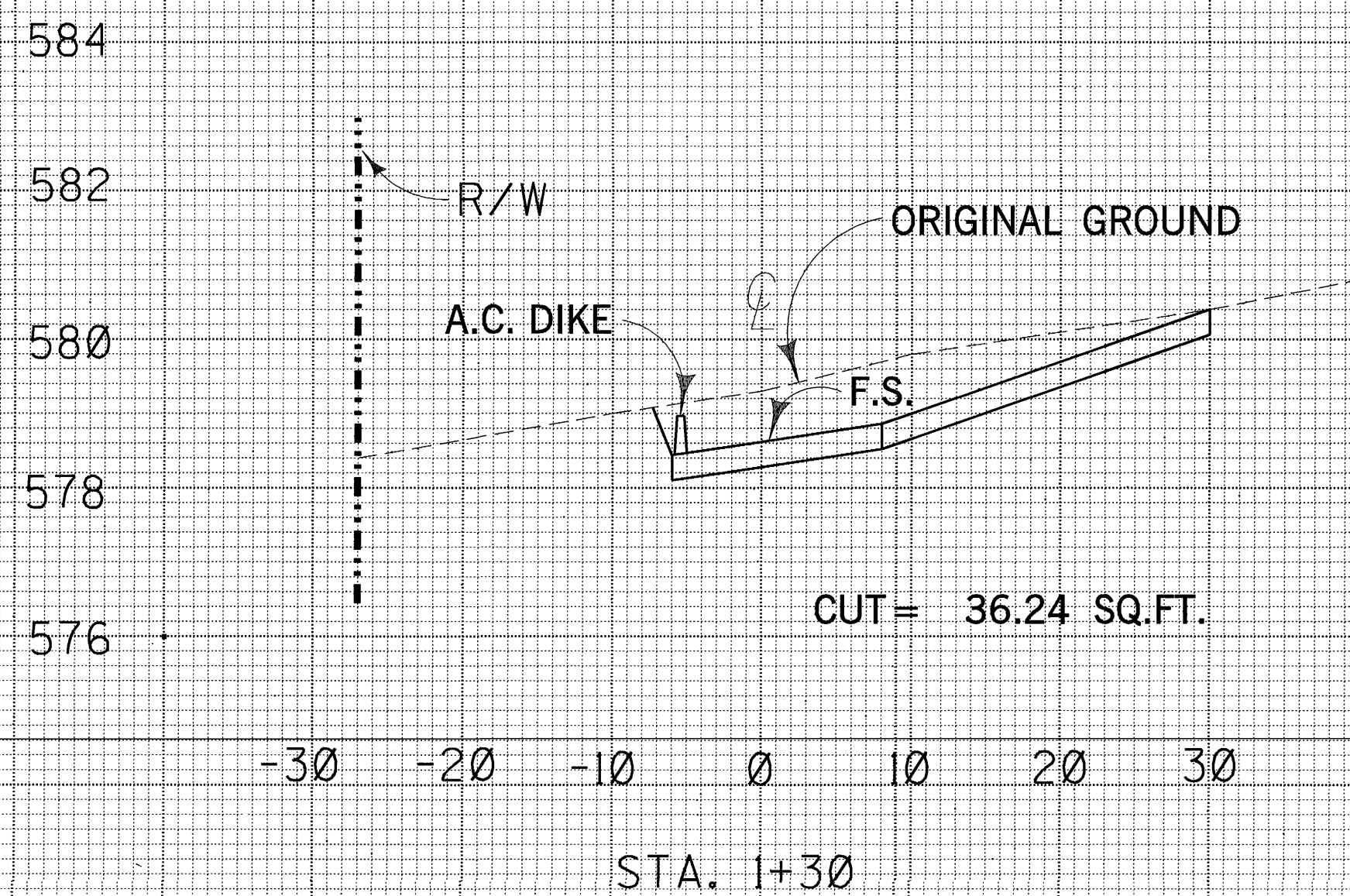
V = 411.75 CU.FT. = 15.25 CU.YD.



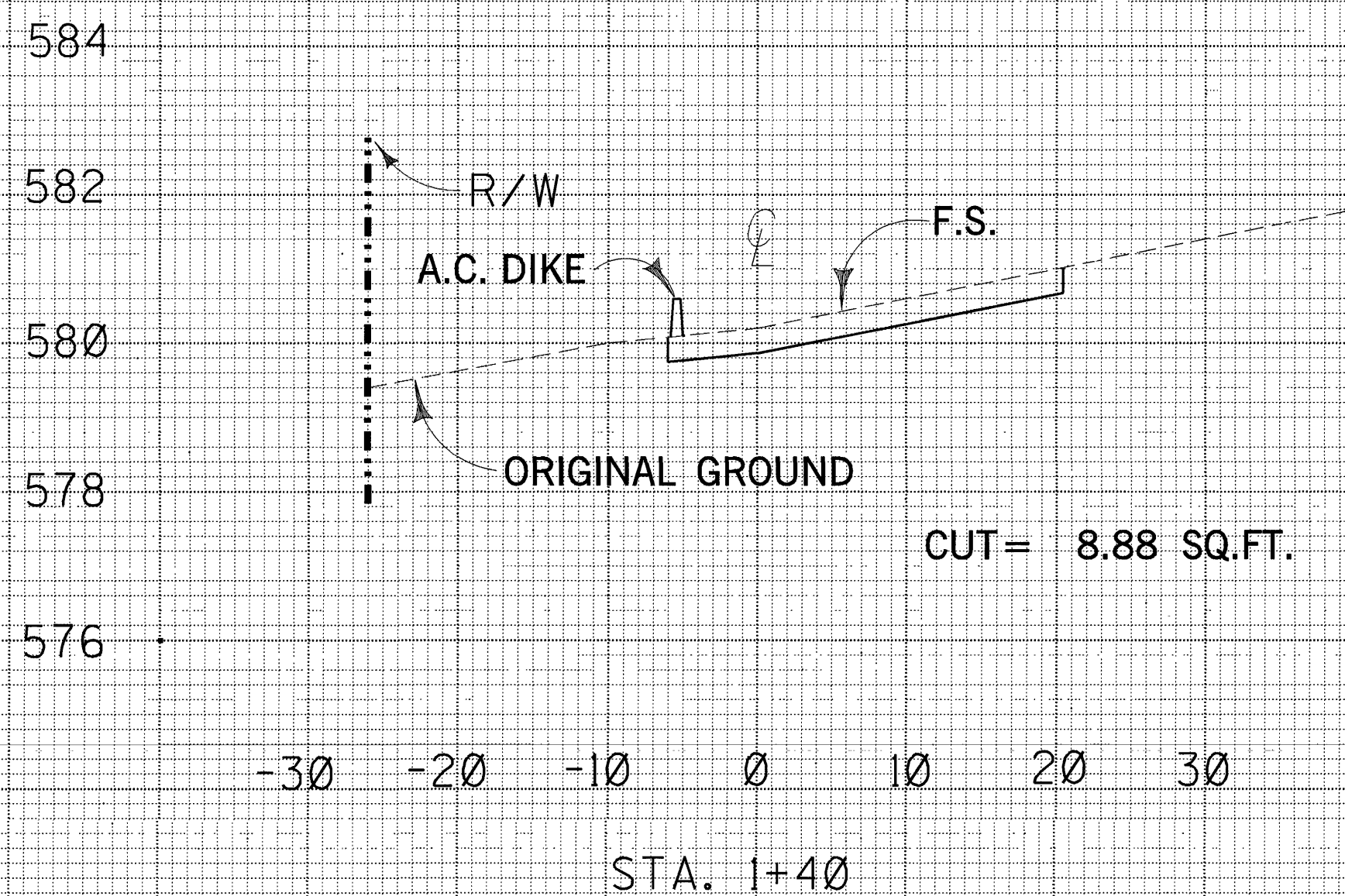
V = 369.4 CU.FT. = 13.68 CU.YD.



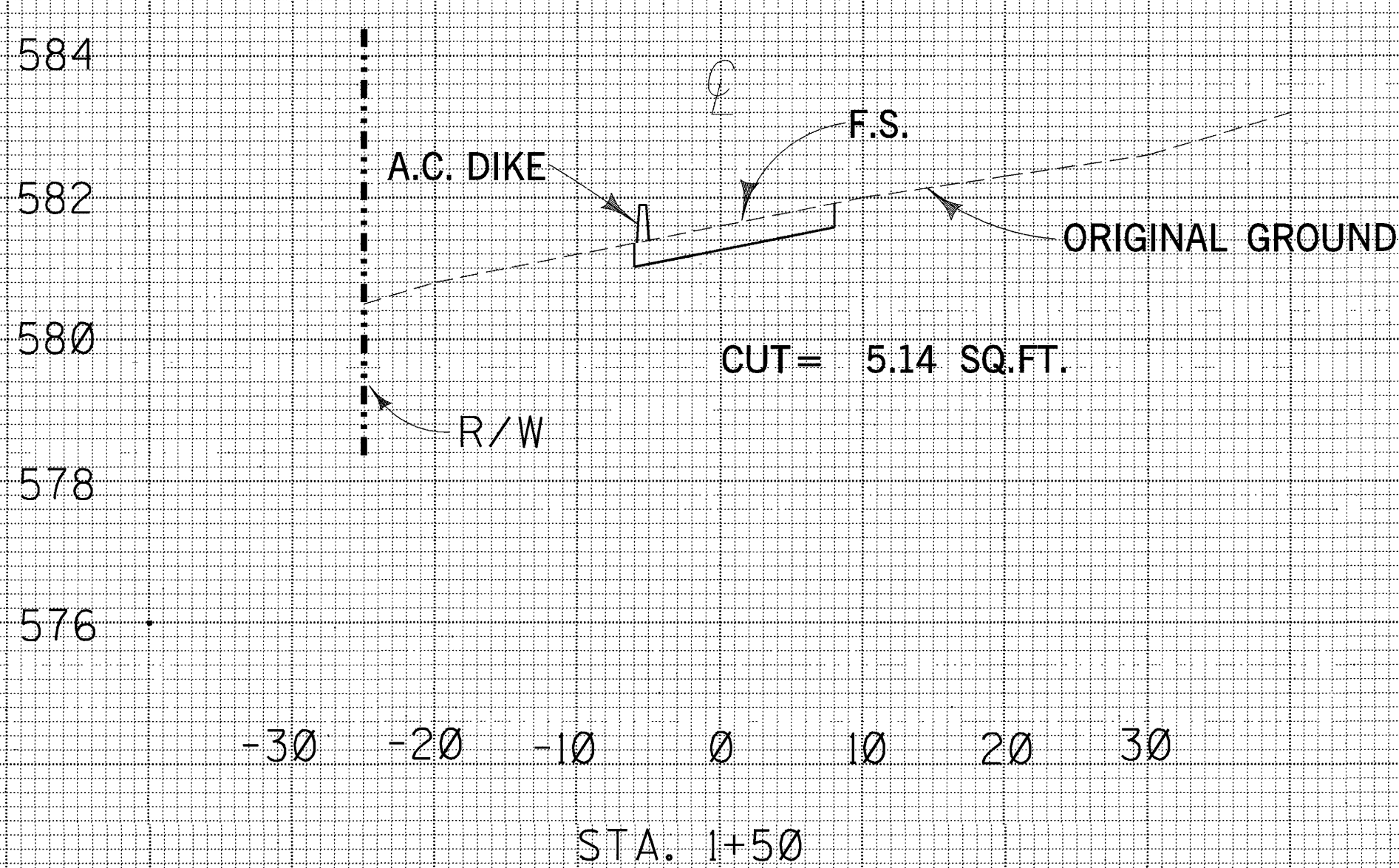
V = 366.3 CU.FT. = 13.57 CU.YD.



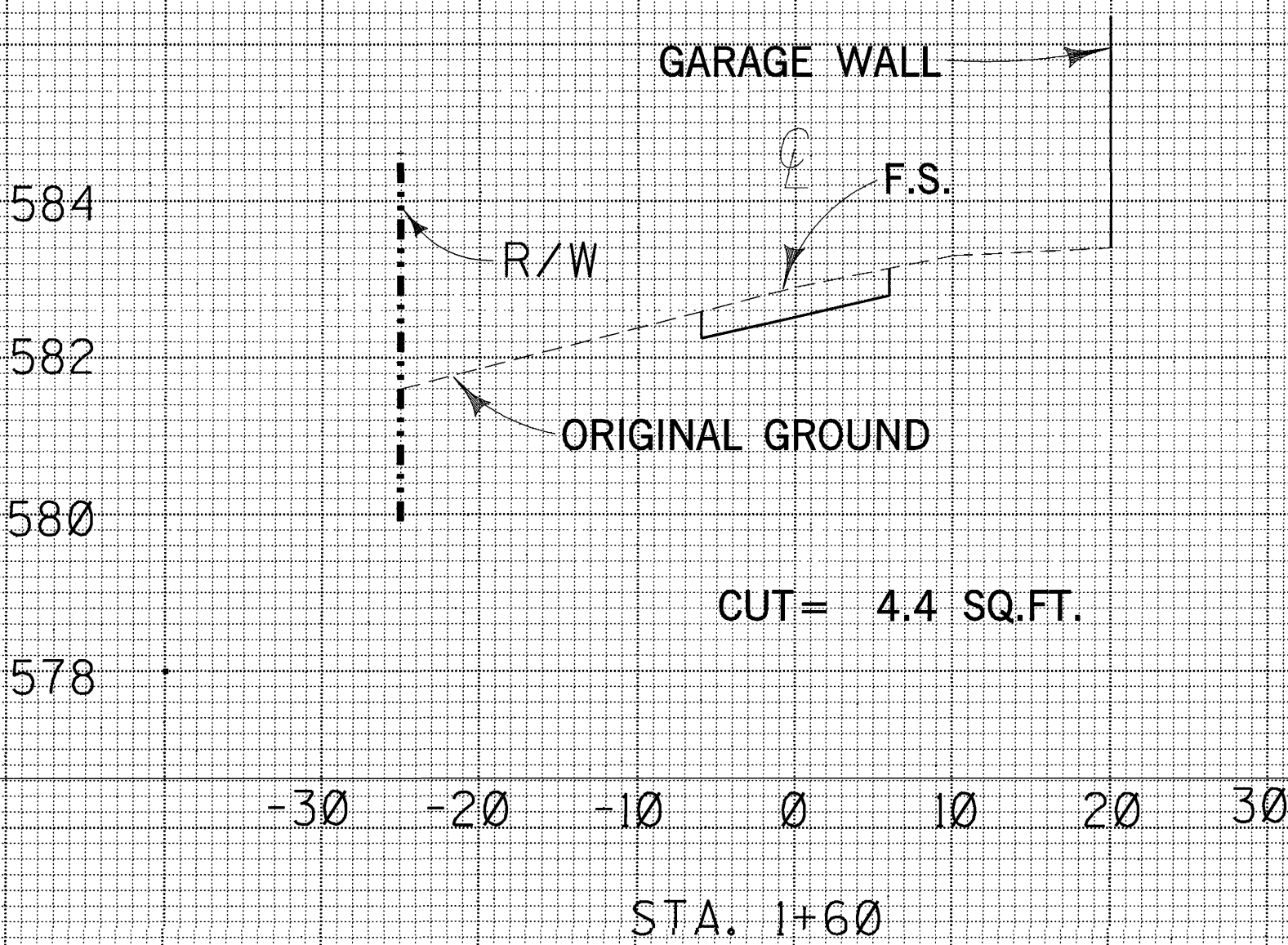
V = 225.6 CU.FT. = 8.36 CU.YD.



V = 70.1 CU.FT. = 2.6 CU.YD.



V = 47.7 CU.FT. = 1.77 CU.YD.



TOTAL V = 230.79 CU.YD.

SCALE:
HOR.: 1" = 10'
VERT. 1" = 2'

NOTE:
CROSS-SECTIONS WERE DERIVED
FROM TOPOGRAPHIC MAPS.



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
CROSS SECTION CHAPMAN AVE. @ STA. 63+34.00 DRIVEWAY	
DESIGNED D. WEAVER	CHECKED D.L. CRUZ
DRAWN I. PHAM	DATE
SCALE AS SHOWN	DATE APR. 96
DWG. NO. ERI0004	
SHEET 6 OF 7	

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DESIGNED BY NUMBER 07548
POSITION LINE OF PRINT ON THIS LINE

DRAWING NUMBER

CHAPMAN @ ORANGE PARK

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DESIGNED BY NUMBER 07548
POSITION LINE OF PRINT ON THIS LINE

DRAWING NUMBER

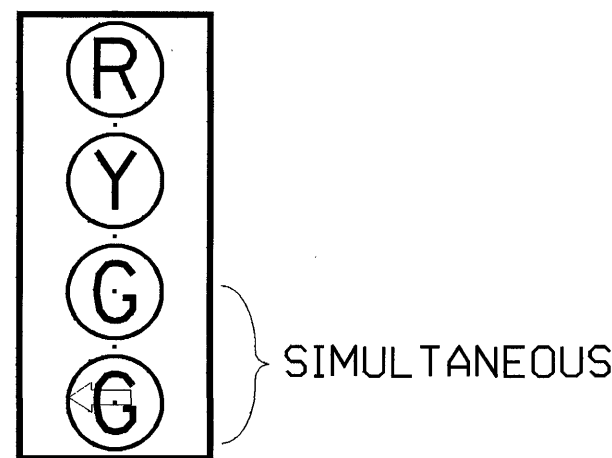
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DESIGNED BY NUMBER 07548
POSITION LINE OF PRINT ON THIS LINE

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
DESIGNED BY NUMBER 07548
POSITION LINE OF PRINT ON THIS LINE

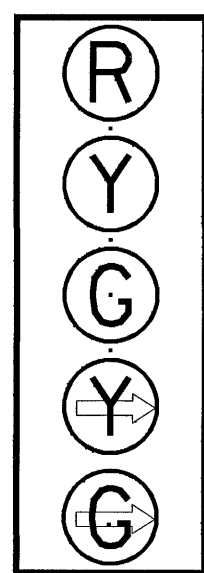
DETAIL A

4-SECTION SIGNAL HEAD
12" LENSES



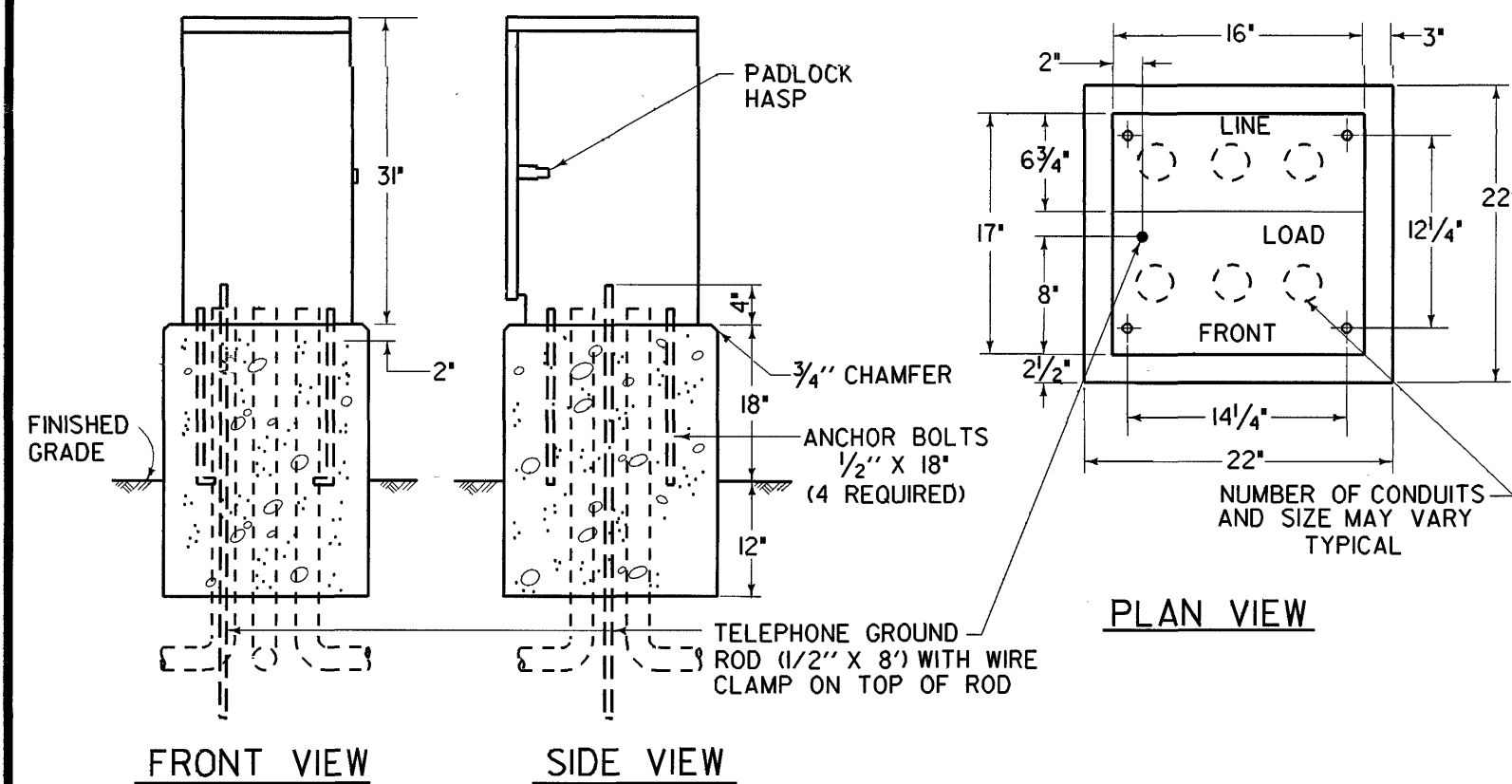
DETAIL E

5-SECTION SIGNAL HEAD
12" LENSES



DETAIL F

INTERCONNECT SPLICE CABINET

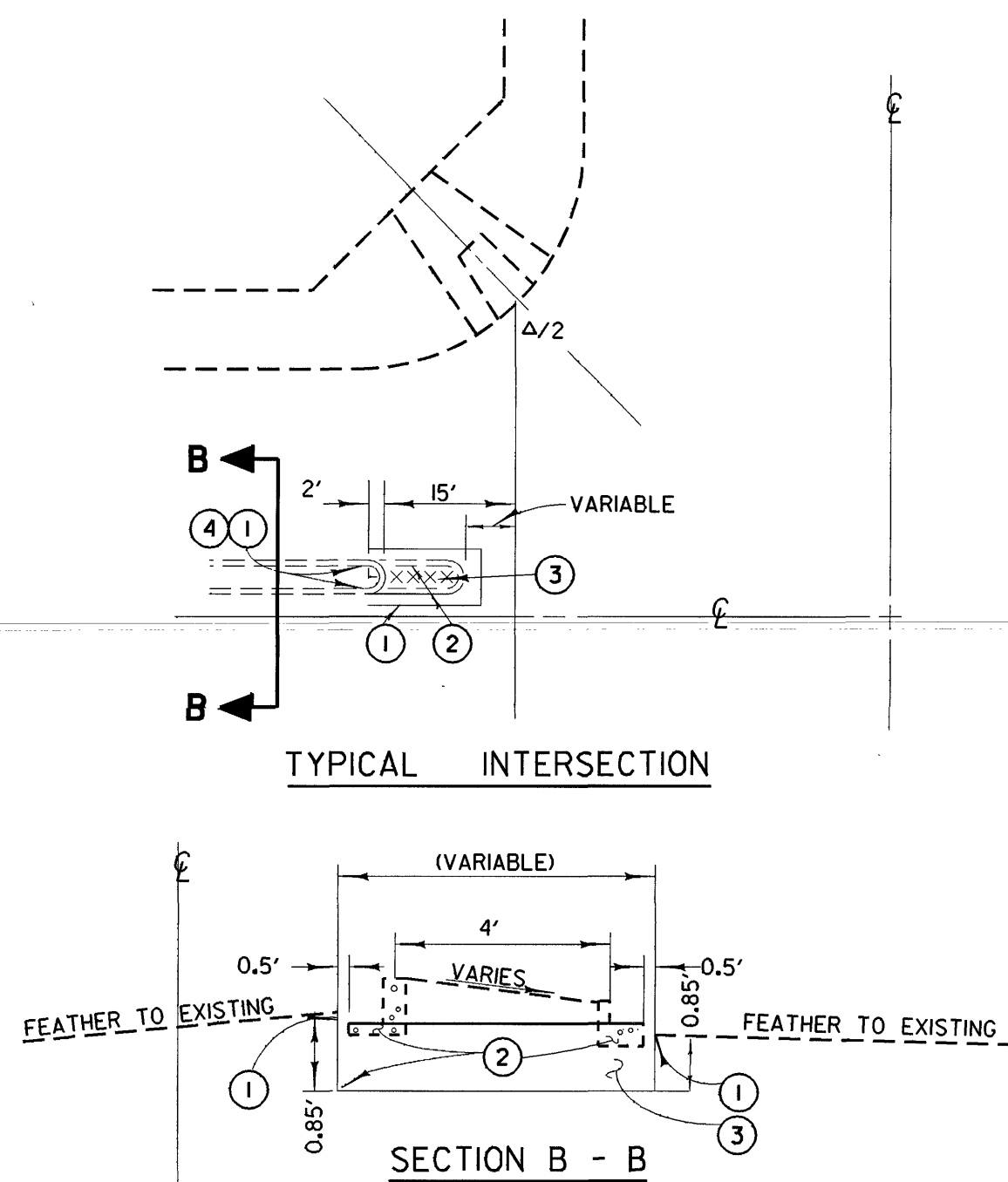


NOTES - DETAIL F

- FOUNDATION TO BE 22" X 22". ANCHOR BOLT PLACEMENT PER CABINET MFG. TEMPLATE.
- ENCLOSURE SHALL BE FURNISHED WITH A DETACHABLE MOUNTING BASE.
- ALL FACTORY INSTALLED COMPONENTS SHALL BE U.L. LISTED OR PER PUBLISHED N.E.C. STANDARDS.
- A 3/4" CONSTRUCTION GRADE PLYWOOD PANEL SHALL BE FASTENED TO THE REAR WALL. PANEL SHALL BE 12" X 24" AND SHALL HAVE A No. M-25 AND R-841 STANDOFF FASTENED IN THE CENTER OF THE PANEL.
- ENCLOSURE FINISH SHALL CONFORM TO A.S.T.M. B-117. COLOR SHALL BE PORCELAIN WHITE.
- PROVIDE 1/2" CONDUIT FOR FUTURE IIS VAC SERVICE.
- PROVIDE GROUND BUS INSIDE SPLICE CABINET.

DETAIL B

INTERSECTIONS RAISED MEDIAN

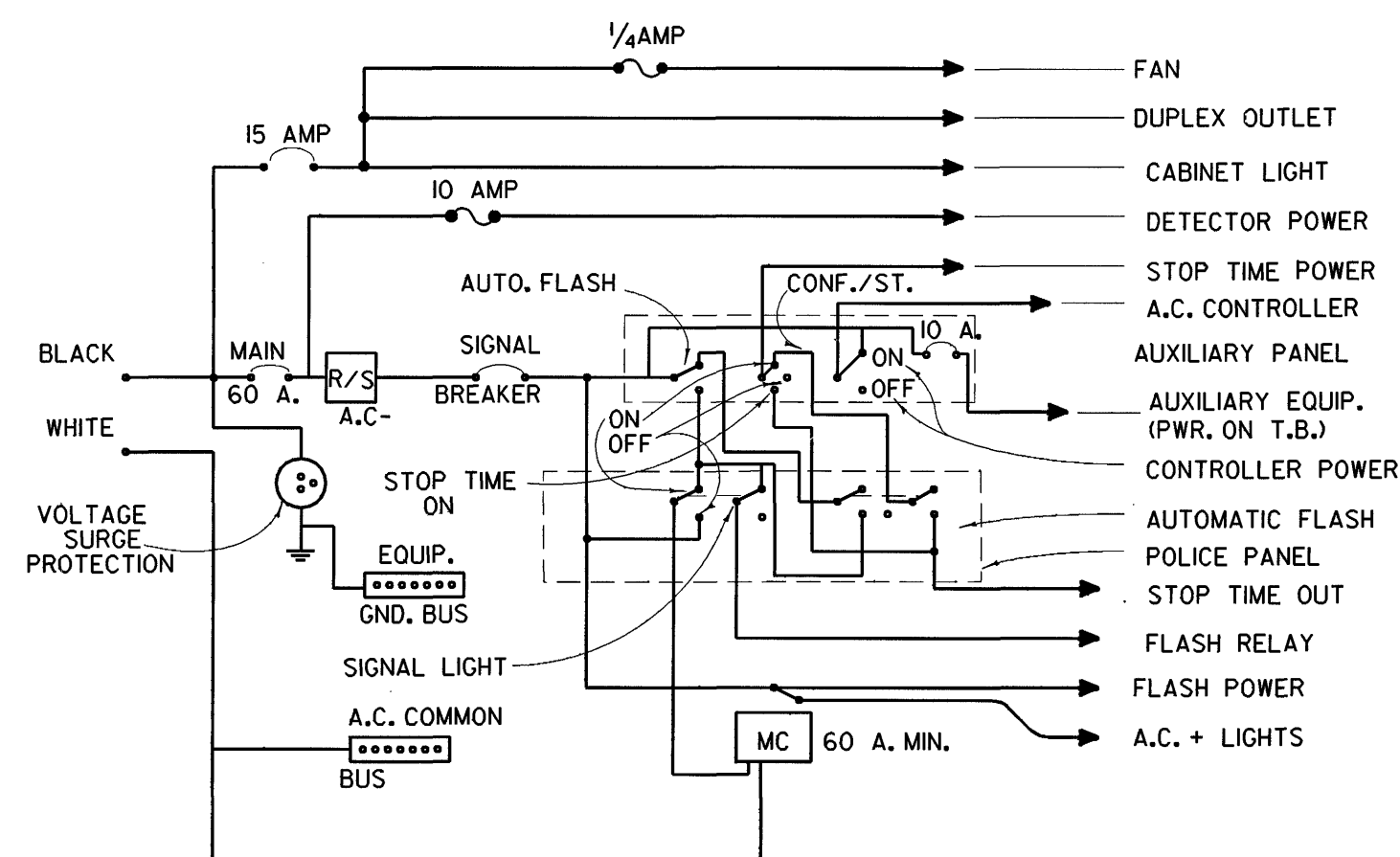


NOTES - DETAILS B

- SAWCUT AND JOIN EXISTING
- REMOVE CONCRETE
- CONSTRUCT 0.85' AC OVER NATIVE SOIL
- CONSTRUCT TYPE CI-8 CONCRETE CURB PER EMA STD. PLAN 104-0-0.C.

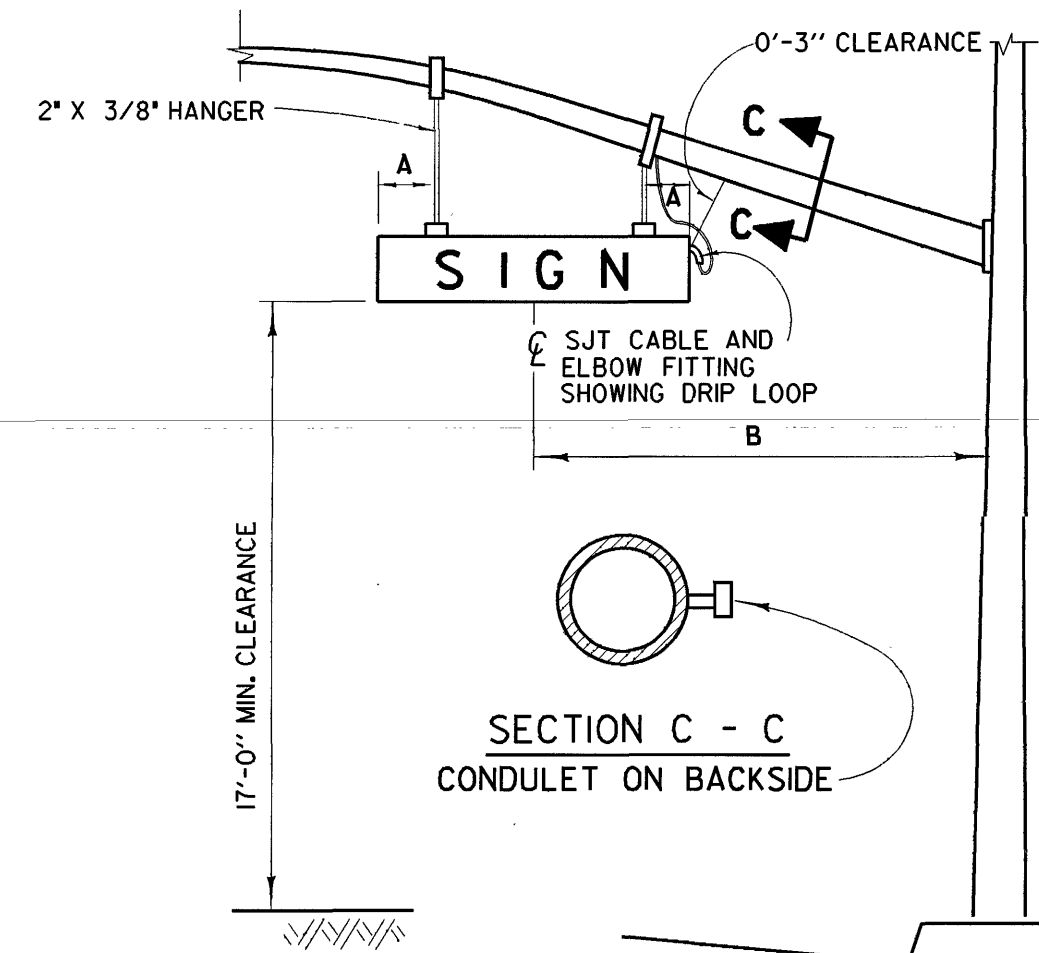
DETAIL G

CONTROLLER CABINET WIRING



DETAIL C

STREET NAME SIGN COMPONENTS

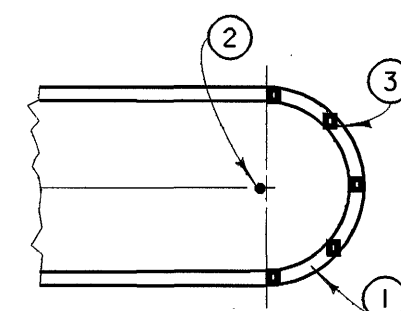


NOTES - DETAIL C

- A 1'-6" MINIMUM
B 10'-6" CENTERLINE OF SIGN TO FACE OF POLE

DETAIL H

RAISED MEDIAN MARKING

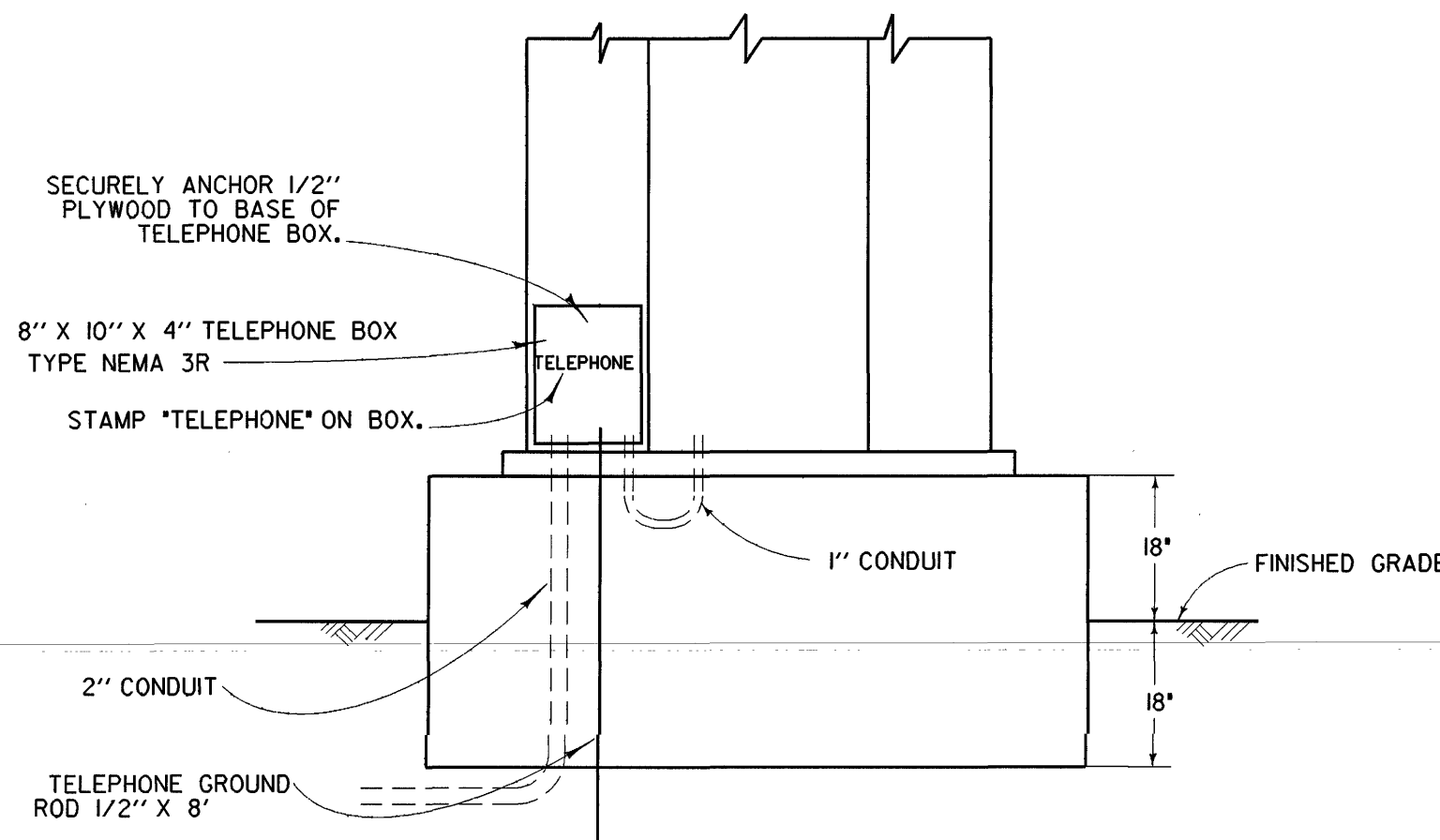


NOTES - DETAIL H

- PAINT MEDIAN NOSE WITH HIGHLY REFLECTIVE PREMIXED WHITE TRAFFIC PAINT WITH GLASS BEADS.
- INSTALL FLEXIBLE VERTICAL TYPE K MARKER, RT, R10 OR TYPE N-10N TELESAR POST AS INDICATED ON PLAN.
- INSTALL YELLOW REFLECTIVE PAVEMENT MARKERS ON TOP SURFACE OF MEDIAN CURB NOSE AT 2' C.C. SPACING (MINIMUM 5 MARKERS). PLACE REFLECTIVE SURFACE OF MARKERS PERPENDICULAR TO C OF ROADWAY.

DETAIL D

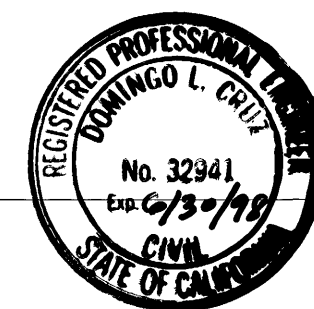
TELEPHONE SERVICE BOX



GENERAL NOTES: Δ

- ALL WORK, MATERIALS AND EQUIPMENT SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA, DEPT. OF TRANSPORTATION, STANDARD PLANS AND STANDARD SPECIFICATIONS DATED JULY 1991 AND THE SPECIAL PROVISIONS FOR THIS PROJECT.
- UTILITIES SHOWN ON THESE PLANS ARE CORRECT AND ACCURATE TO THE EXTENT OF AVAILABLE RECORDS AND KNOWLEDGE. THE CONTRACTOR, HOWEVER, IS REQUIRED TO ASCERTAIN THE EXACT LOCATION OF UNDERGROUND FACILITIES PRIOR TO DOING WORK THAT MAY DAMAGE SUCH FACILITIES OR INTERFERE WITH THEIR SERVICE.
- 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ORANGE COUNTY E.M.A. FOR INSPECTION AT 567-7800.
- THE ENGINEER SHALL APPROVE POLE AND LOOP DETECTION PLACEMENT IN THE FIELD PRIOR TO INSTALLATION.
- ALL CONDUIT SHALL BE 2" UNLESS OTHERWISE NOTED.
- ALL PULL BOXES SHALL BE #5 UNLESS OTHERWISE NOTED.
- ALL SALVAGED EQUIPMENT SHALL BE DELIVERED BY CONTRACTOR TO ORANGE COUNTY YARD AT 152 EAST FRUIT ST. SANTA ANA, CA. CONTRACTOR SHALL GIVE A 48-HOUR NOTICE TO THE COUNTY PRIOR TO THE DELIVERY DATE.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TELEPHONE AND ELECTRICAL SERVICE LINES AND INTERCONNECT HOOK-UPS BETWEEN THE LOCAL CONTROLLER AND THE SYSTEM MASTER.
- PEDESTRIAN INDICATION SHALL BE INTERNATIONAL SYMBOL.
- PEDESTRIAN PUSH BUTTON SHALL BE TYPE B WITH INTERNATIONAL SYMBOL PLATE.
- ALL VEHICLE INDICATIONS SHALL BE 12" DIAMETER WITH BACKPLATES, GLASS REFLECTORS, AND GLASS LENSES, UNLESS SHOWN OTHERWISE.
- CONTRACTOR SHALL POTHOLE CONFLICTING UTILITIES AS DIRECTED BY ENGINEER.
- CONTRACTOR SHALL AVOID DAMAGING EXISTING UTILITIES. (SEE SPECIAL PROVISIONS).
- INDUCTIVE LOOPS SHALL BE 6' X 6' WITH 9' SPACING IN THE DIRECTION OF TRAVEL UNLESS OTHERWISE NOTED.
- ALL DETECTOR CABLE HOMERUNS SHALL BE IN THE CROSSWALK AREA.
- ALL 6' X 6' DETECTOR LOOPS SHALL BE FOUR(4) TURNS.
- ALL QUADRUPOLE DETECTOR LOOPS SHALL BE TWO (2-4-2) TURNS.
- TRAFFIC CONTROLLER CABINET FOUNDATION SHALL BE 18" ABOVE AND BELOW FINISHED GRADE (SEE DETAIL D).
- INSTALL "CABINET DOOR OPEN" CIRCUIT IN CONTROLLER CABINET PER MANUFACTURES SPECIFICATIONS.

1 1/2 0 1 2
3 inches on original drawing



ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY	
SIGNAL DETAIL SHEET	
MARK	DATE
REVISIONS	
DESIGNED	CHECKED
SCALE	DATE
AS SHOWN	APR. 96
SHEET 7 OF 7	