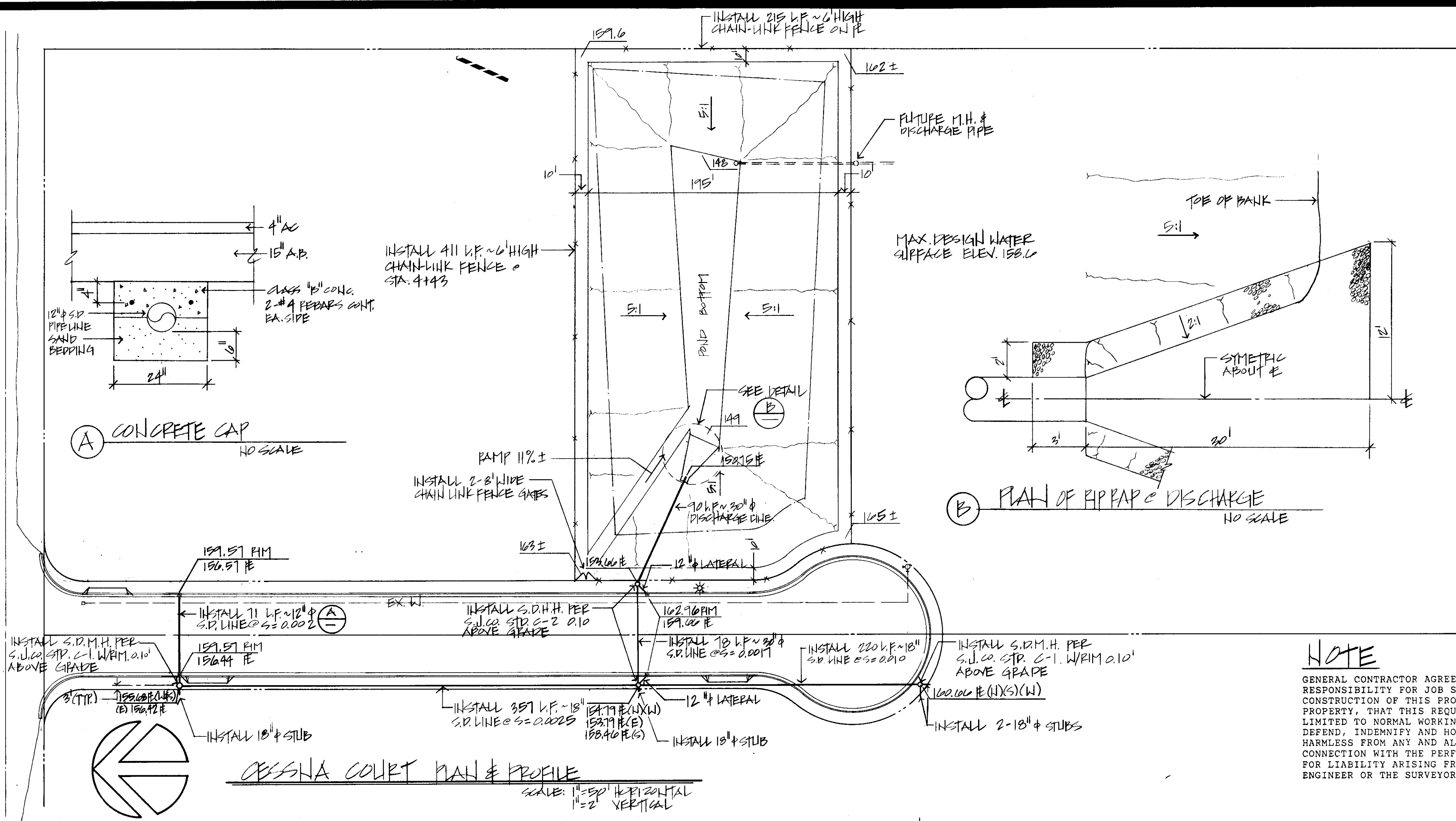


50-22-08

ROAD

LINK



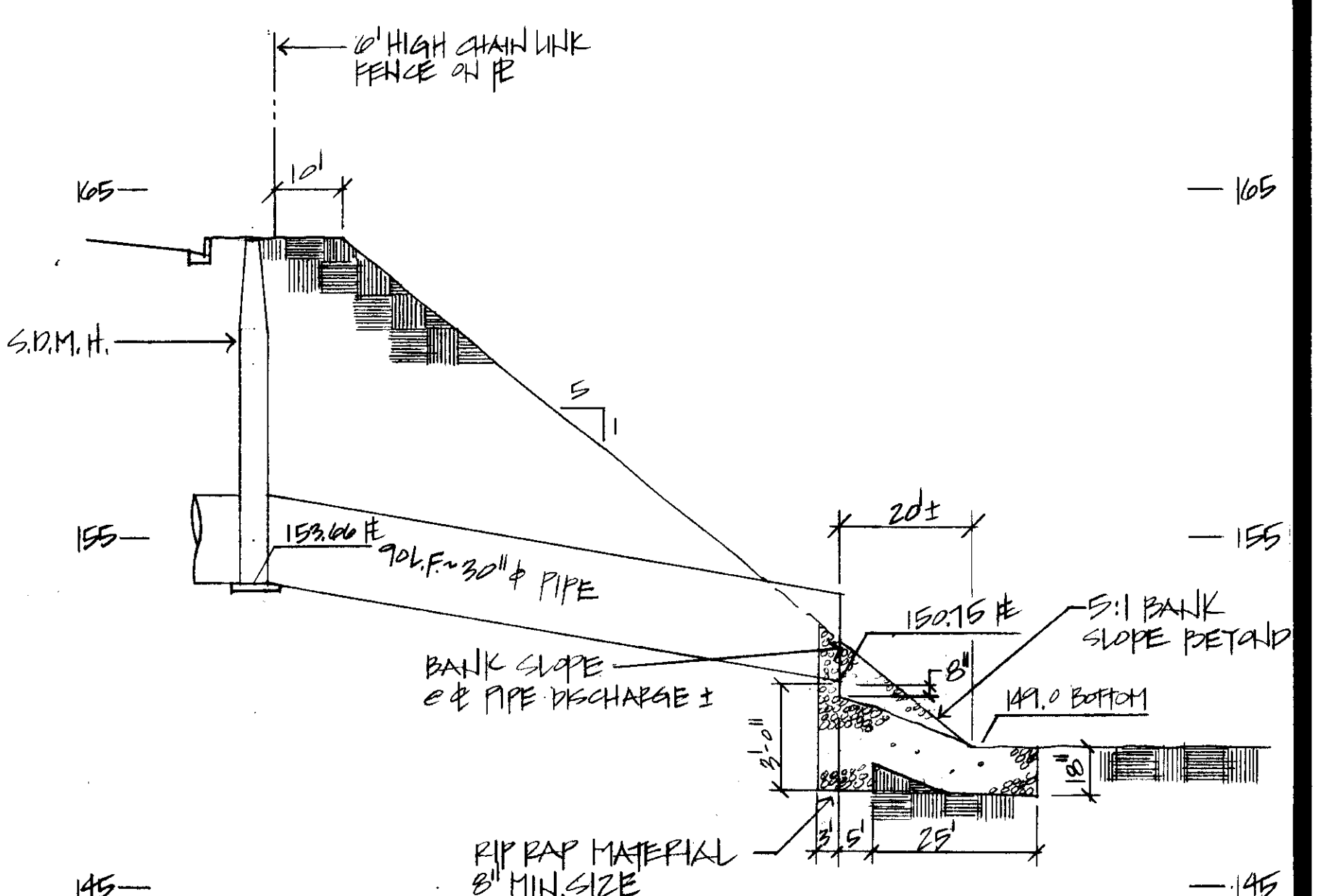
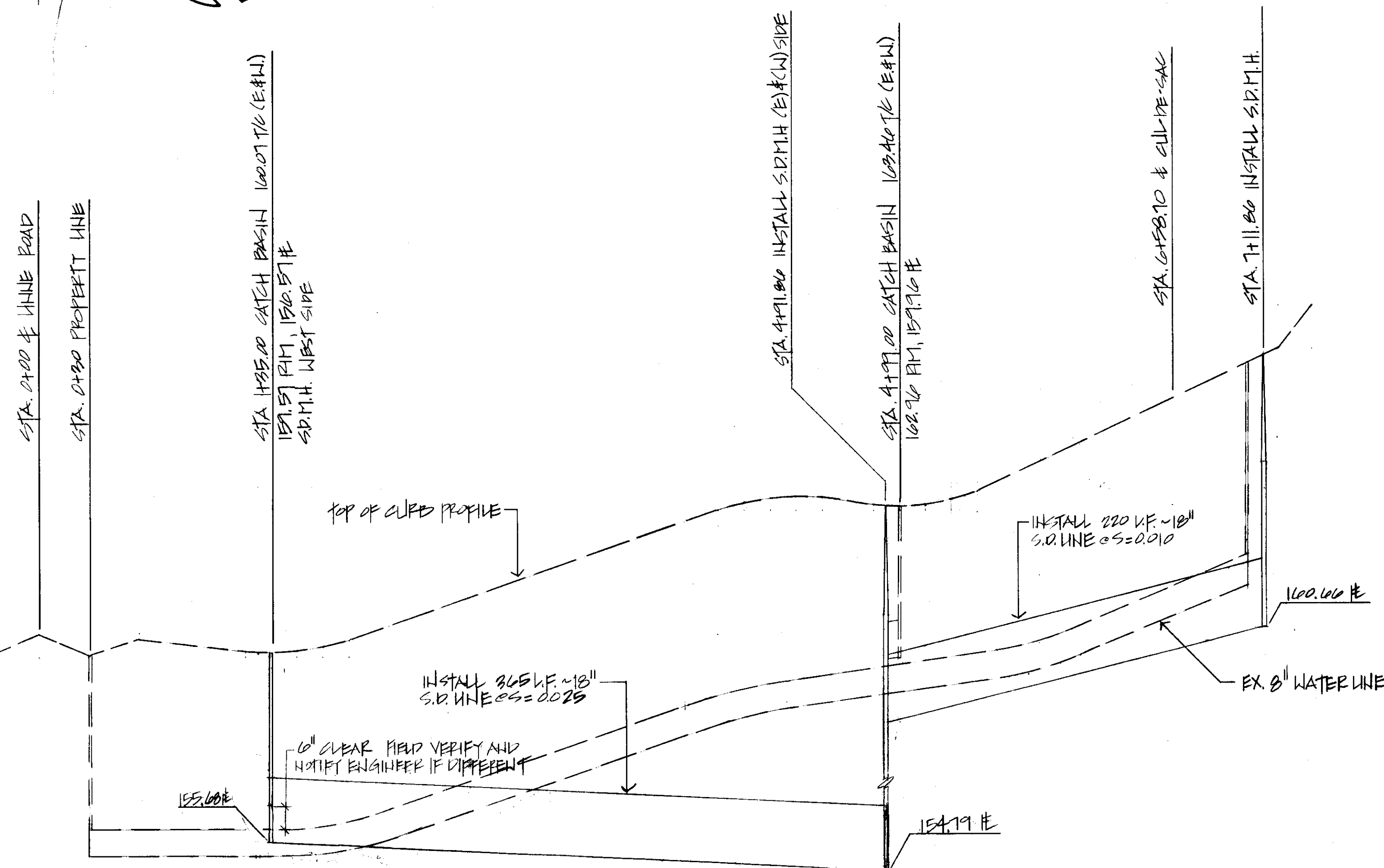
B PLAN OF RPPAP & DISCHARGE
NO SCALE

NOTE

GENERAL CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUALLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER OR SURVEYOR HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ENGINEER OR THE SURVEYOR.

CESSNA COURT PLAN & PROFILE

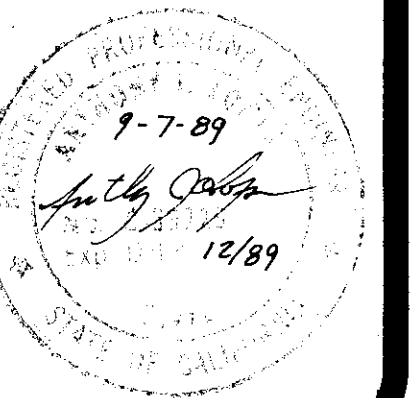
SCALE: 1"=50' HORIZONTAL
1"=2' VERTICAL



PROFILE SECTION C & 30" PIPE

APPROVED 9-19-89

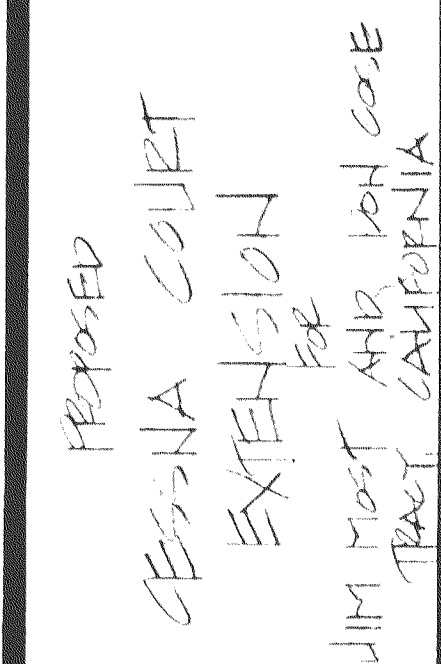
SCALE: 1"=20' HORIZONTAL
1"=4' VERTICAL



REVISED
STORM DRAIN PLAN
FOR
CESSNA COURT
LIM MIST AND DAN COSE
TRACTARIANA

QUARTAROLI & ASSOCIATES
LAND SURVEYING LAND PLANNING
ENGINEERING
209-239-4908
160 NORTHGATE DRIVE, MANTECA, CA. 95336

DATE: JULY 1989
DRAWN BY: STAFF
CHECKED BY: AUL
JOB NO: 59-93
SHEET: 4
OF: 4 SHEETS



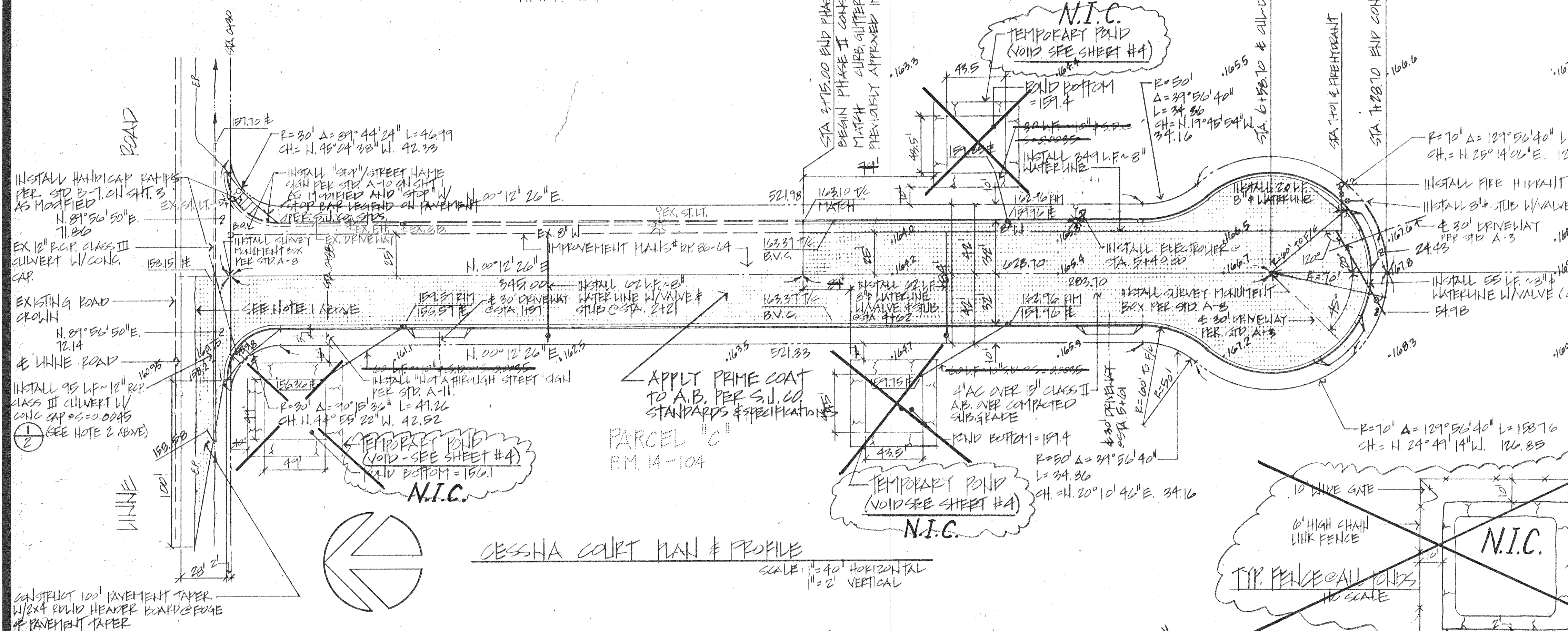
SV-22236

NOTE

1. CUT EX. PAVEMENT 1' FROM E.P. IN A SMOOTH STRAIGHT LINE MEET AND MATCH W/ CESSNA COURT PAVING.
2. GRADE DITCH BOTTOM & CULVERT TO 6" ABOVE PIPE FLOWLINE - FEATHER BOTTOM OF DITCH GRADE TO EXIST. DITCH BOTTOM IN A SMOOTH STRAIGHT SLOPE.

3. GENERAL CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL APPLY CONTINUALLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER, ENGINEER OR SURVEYOR HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER, ENGINEER OR THE SURVEYOR.

PARCEL "D"
P.M. 14-104



CESSNA COURT PLAN & PROFILE

SCALE: 1" = 40' HORIZONTAL
1" = 2' VERTICAL

STREET STORM RUN OFF CALCULATIONS

SINCE THESE ARE TEMPORARY - ALLOW SURCHARGE OF DRAINAGE TO 1.0' BELOW GUTTER #1:
ELEVATION OF POND BOTTOM = GUTTER #1 - 1.0'

PAVING OF EAST AND WEST HALF OF CUL-DE-SAC FROM STA. 3+94.00 TO 7+10.70
AREA = 2.914 ACRES WITHIN STREET R/W.
STORAGE VOLUME = $0.48(43560) \times 2$

N.I.C. = $(0.48)(43560)(2)(2) = 5865$ CF

W/25' DEPTH: $d = \sqrt{5865 \div 25} = 48.6'$ SQ. TO MID SLOPE
USE 49' SQ. TO BASE

PAVING OF WEST HALF OF CUL-DE-SAC FROM STA. 0+00 TO STA. 3+94
AREA = 2.914 ACRES WITHIN STREET R/W
STORAGE VOLUME = $(0.48)(43560)(2)(2) = 5865$ CF

W/25' DEPTH: $d = \sqrt{5865 \div 25} = 48.6'$ SQ. TO MID SLOPE
USE 49' SQ. TO BASE

N.I.C.

INSTALL CHAIN-LINK FENCE

1' ALONG TWO ADJACENT SIDES AND 2' ALONG REMAINING TWO REMAINING SIDES - PROVIDE 10' WIDE GATE (SEE DETAIL ON LEFT)

EXISTING GRADE

10' WIDE GATE

10' THICK GRAVEL X 8' WIDE

BOTTOM OF TEMPORARY POND - ELEVATION SHOWN AT PLAN

10' WIDE GATE

10' THICK GRAVEL X 8' WIDE

NO SCALE

TYP. FENCE CALL OUTS NO SCALE

N.I.C.

(VOID-SEE SHEET #4)

TYPICAL POND SECTION

NO SCALE

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