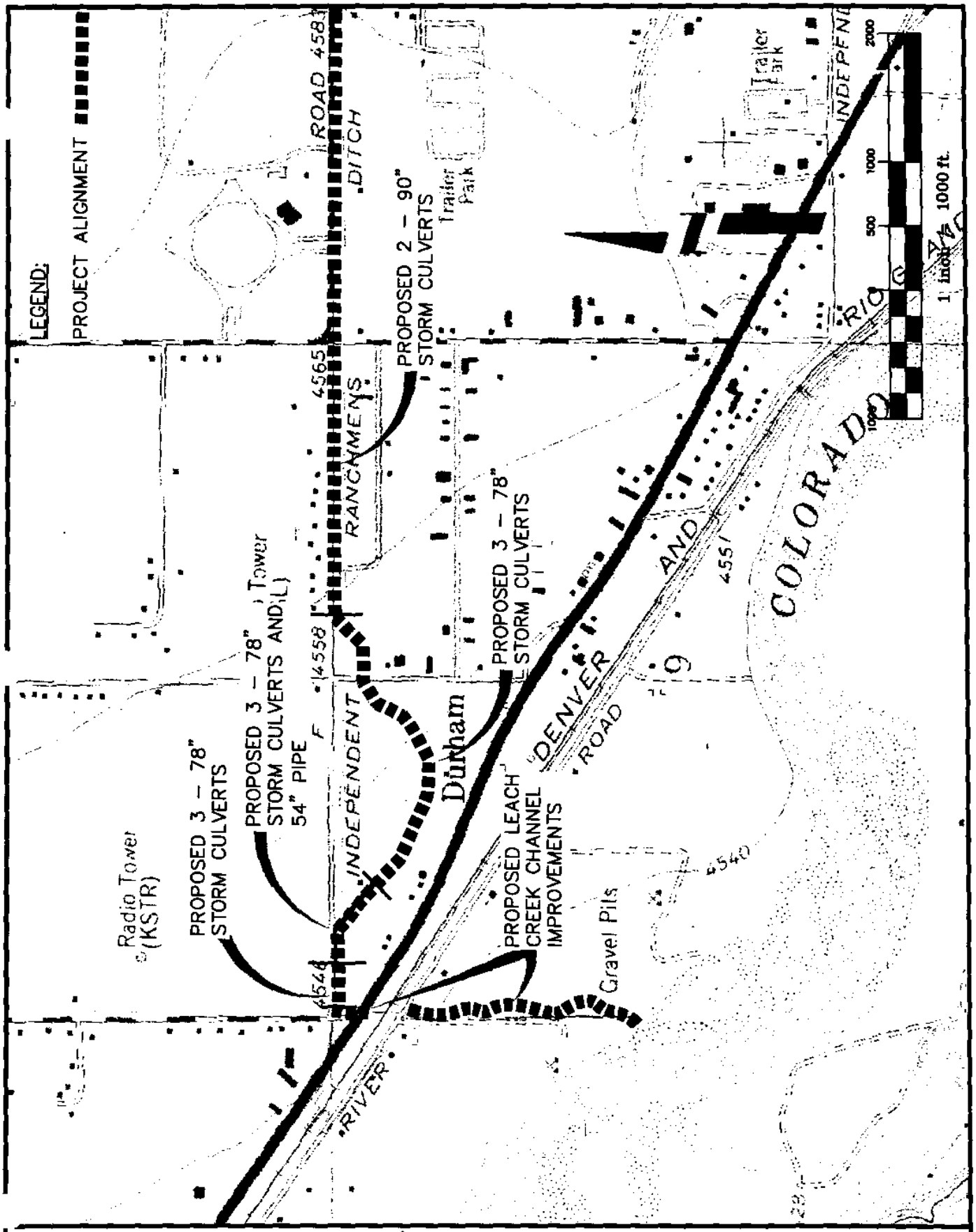
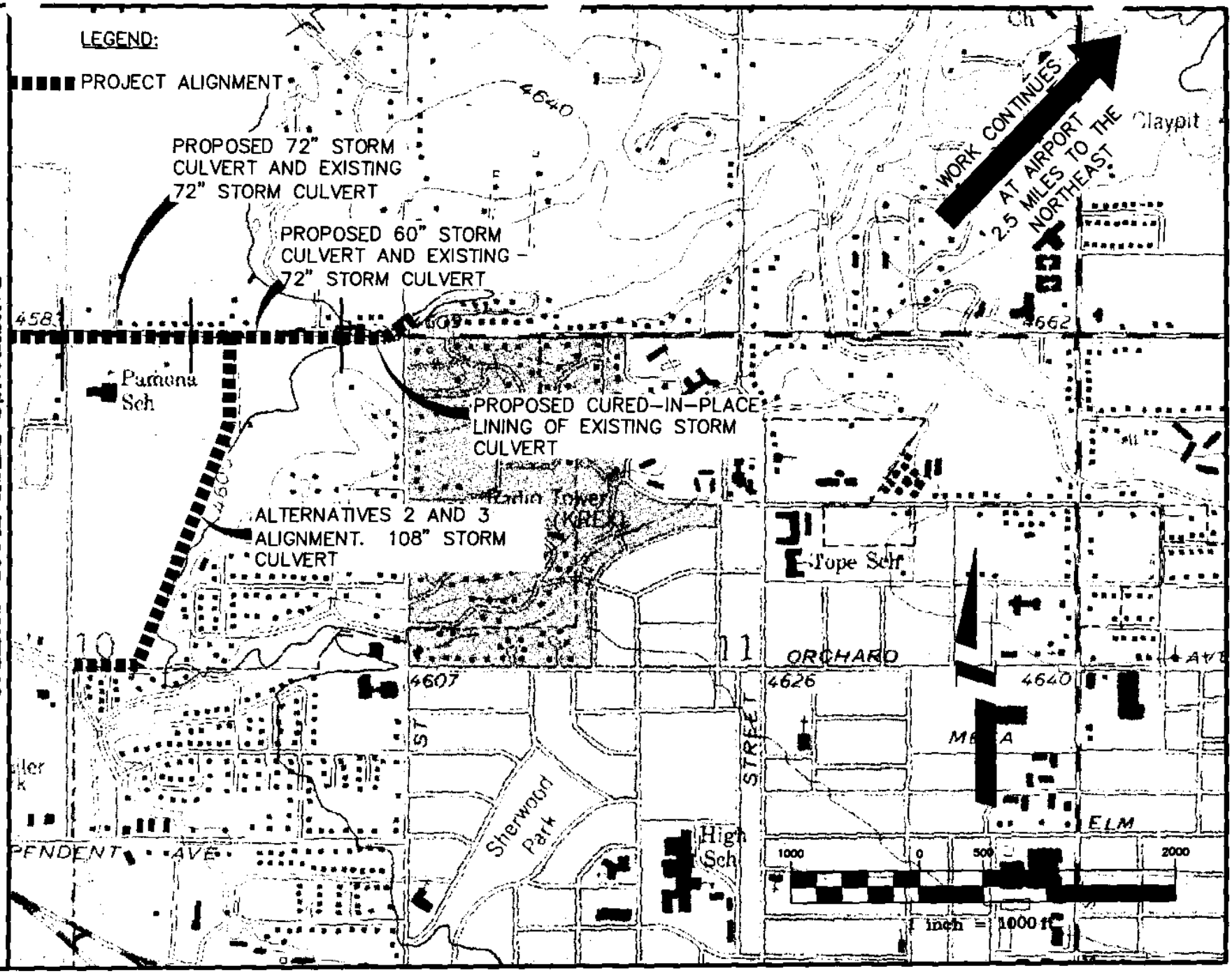


RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE 1A PROJECT LOCATION MAP	APPROVED: DD DATE: NOV. 2006 DRAWN: JH	PAGE 1 of 3

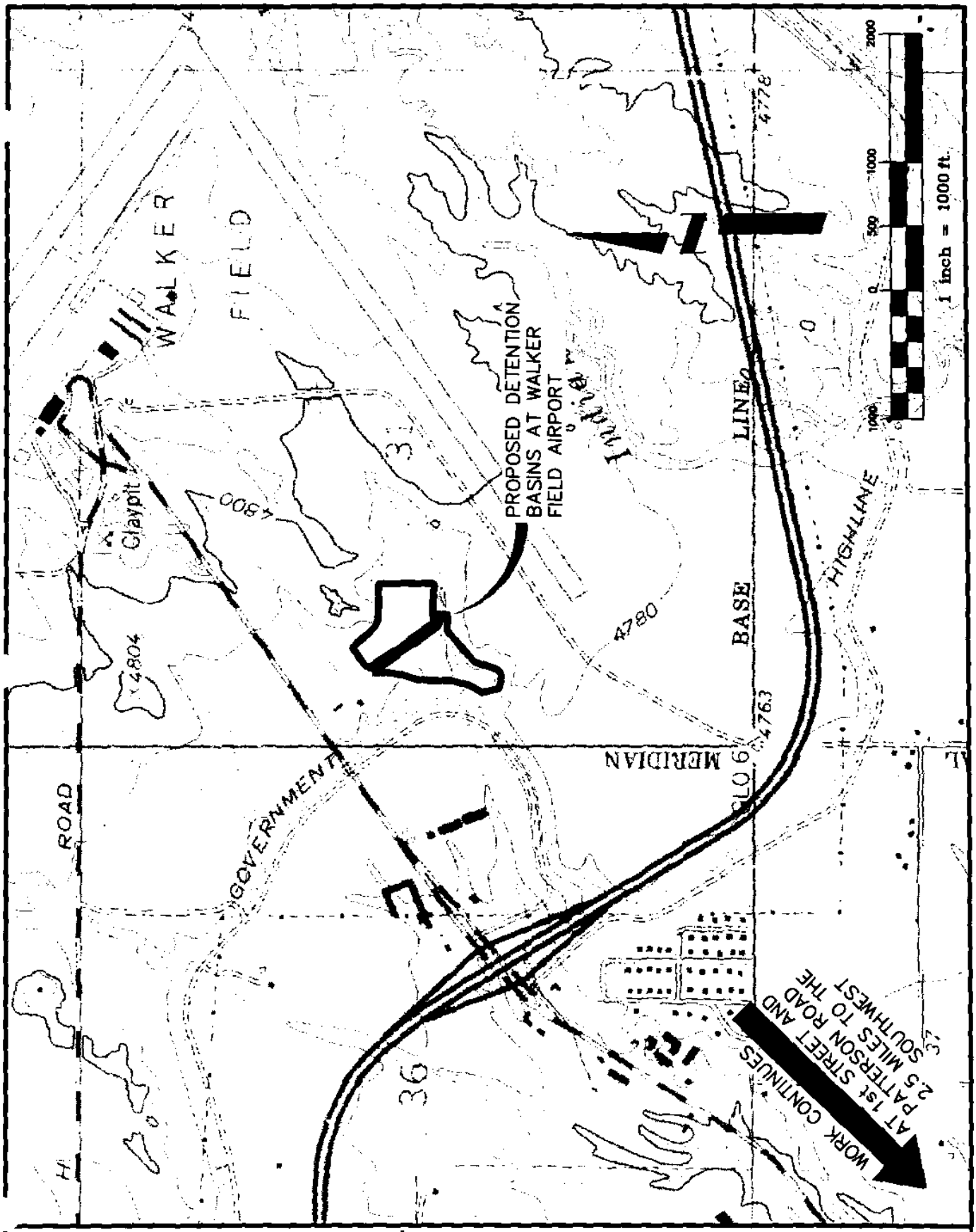


DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING AND TECHNICAL SERVICES DIVISIONS
CITY OF GRAND JUNCTION, COLORADO

RANCHMAN'S DITCH FLOOD CONTROL

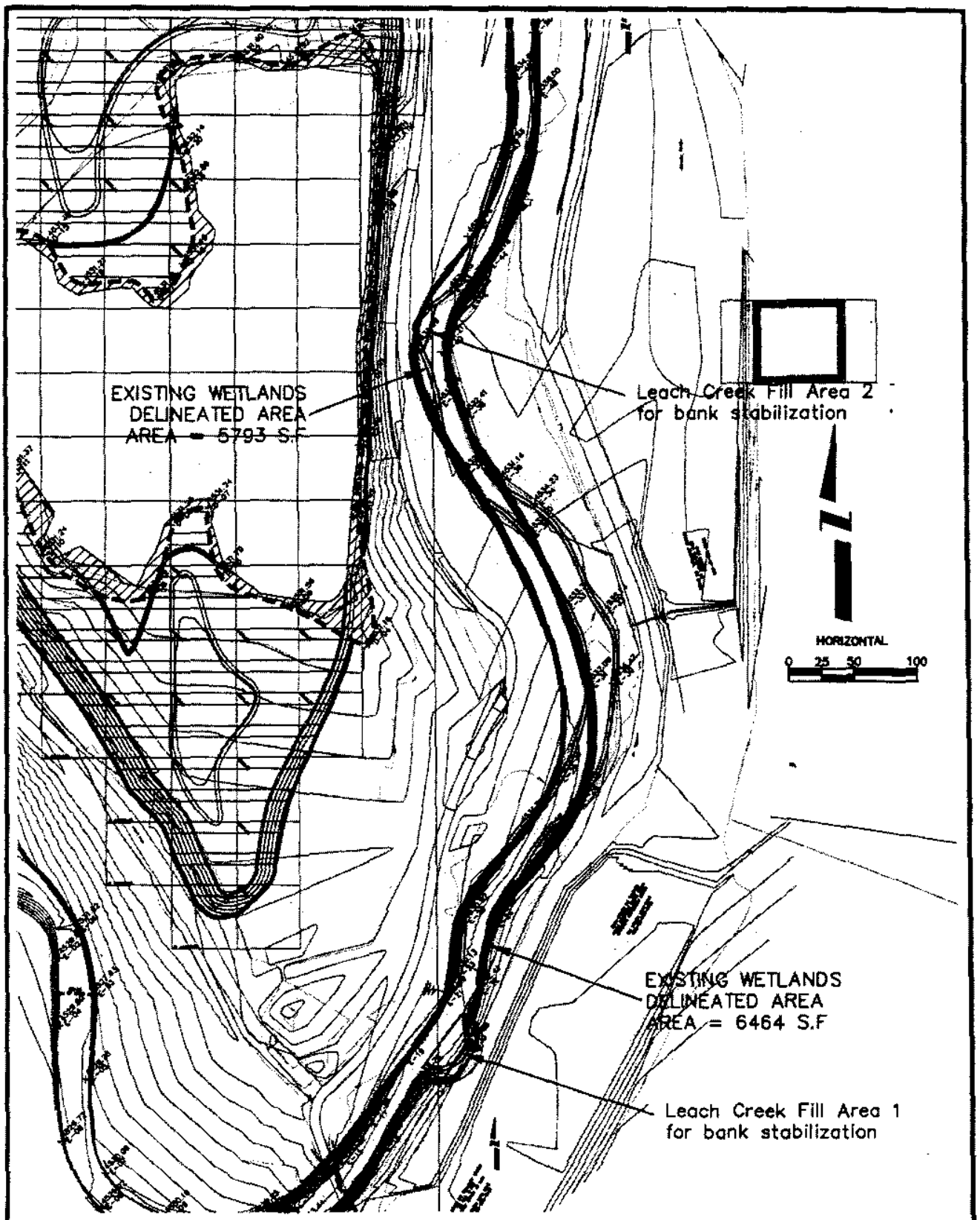
FIGURE 1B.
PROJECT LOCATION MAP

APPROVED: PD
DATE: NOV 1996
DRAWN: JH



RANCHMAN'S DITCH FLOOD CONTROL

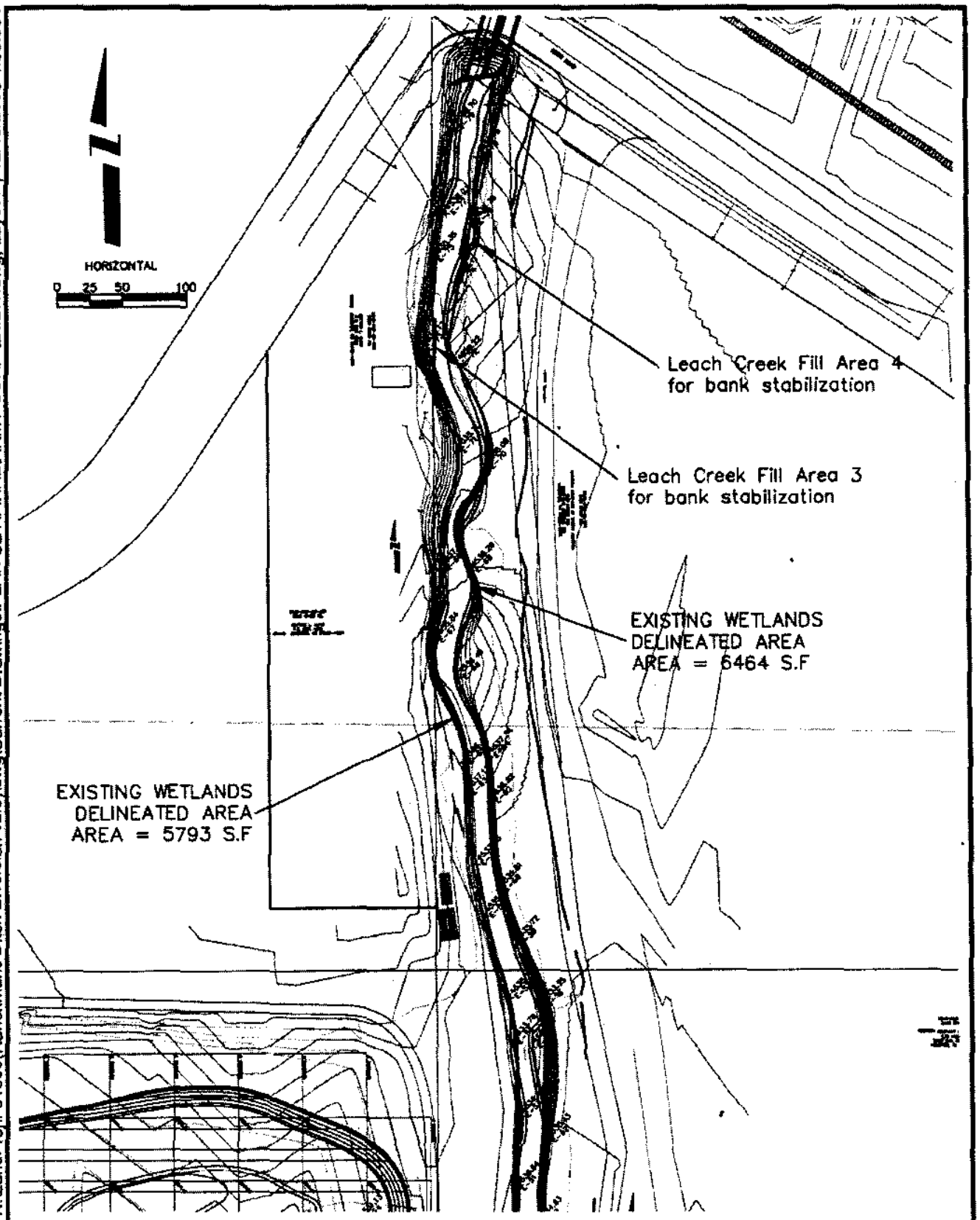
DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE 1C. PROJECT LOCATION MAP	APPROVED: DD DATE: NOV 2006 DRAWN: JH	PAGE 3 of 3



RANCHMAN'S DITCH FLOOD CONTROL

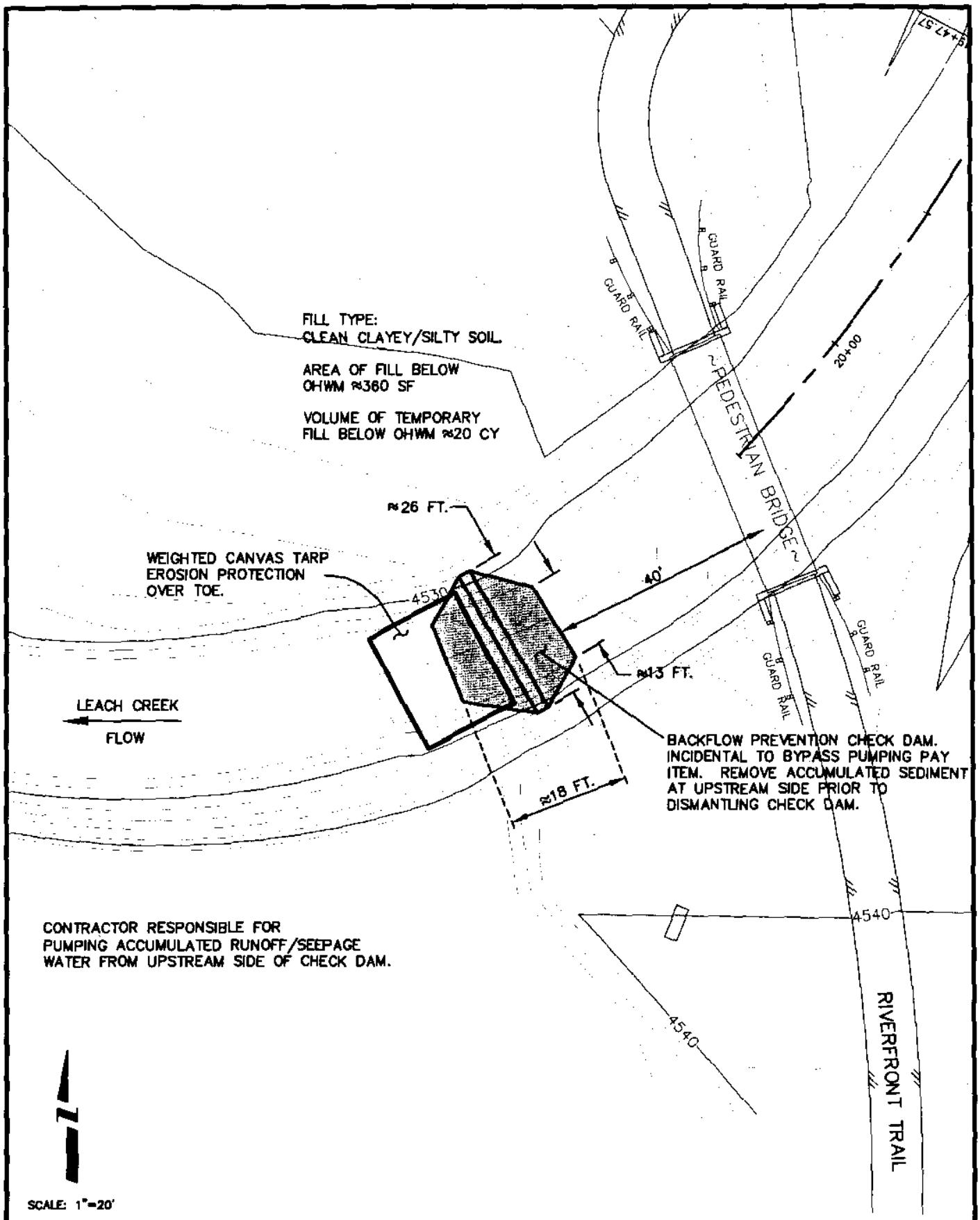
DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE E2 LOWER LEACH WETLAND DELINEATION	APPROVED: PD DATE: NOV 2006 DRAWN: CM

N:\LandProj\F31800(Ranchmans Ditch Diversion v2.0)\dwg\Current Drawings\PLAN SET\FINAL\ARMY CORP EXIBIT.dwg, Layout1, 12/13/2006 4:35:06 PM



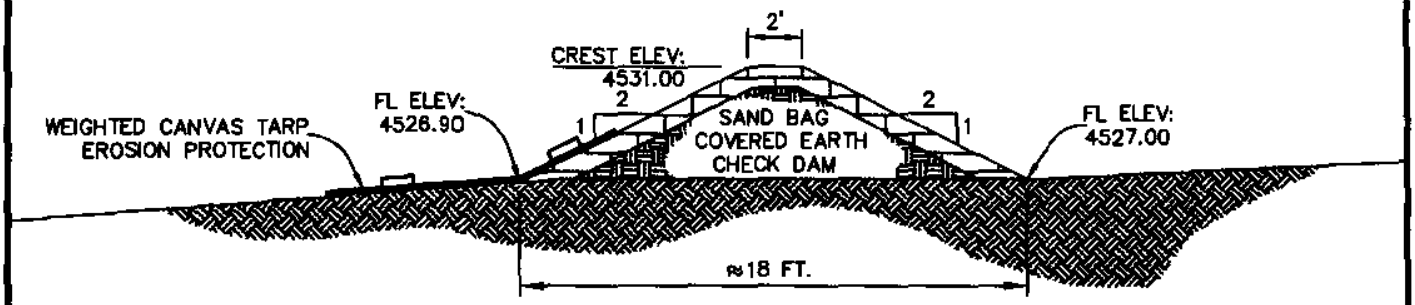
RANCHMAN'S DITCH FLOOD CONTROL

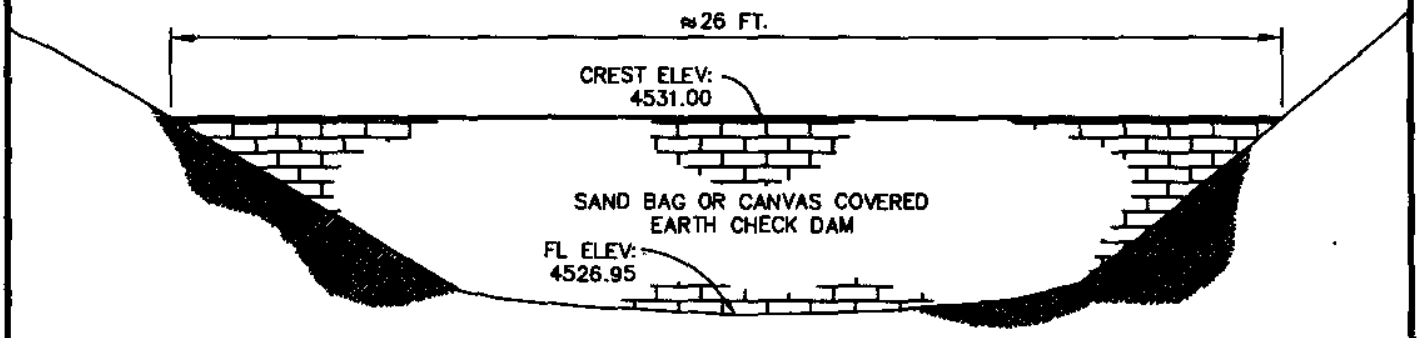
DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE E3 LOWER LEACH WETLAND DELINEATION	APPROVED: PD DATE: NOV. 2006 DRAWN: CM



RANCHMAN'S DITCH FLOOD CONTROL

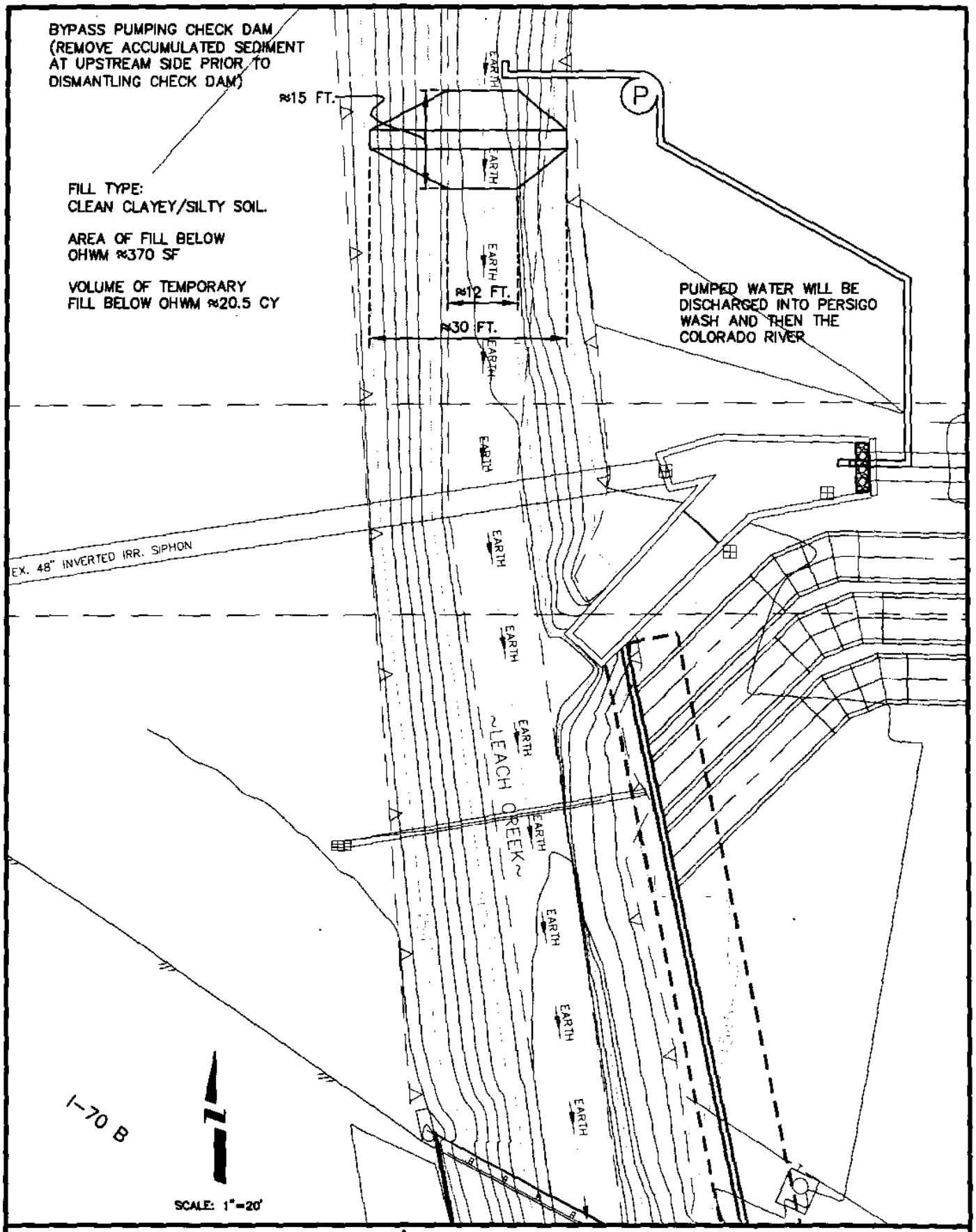
DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D1B TEMPORARY CHECK DAM, LEACH CREEK JUST ABOUT CONFLUENCE WITH THE COLORADO RIVER	APPROVED: DD DATE: DEC. 2006 DRAWN: TLT





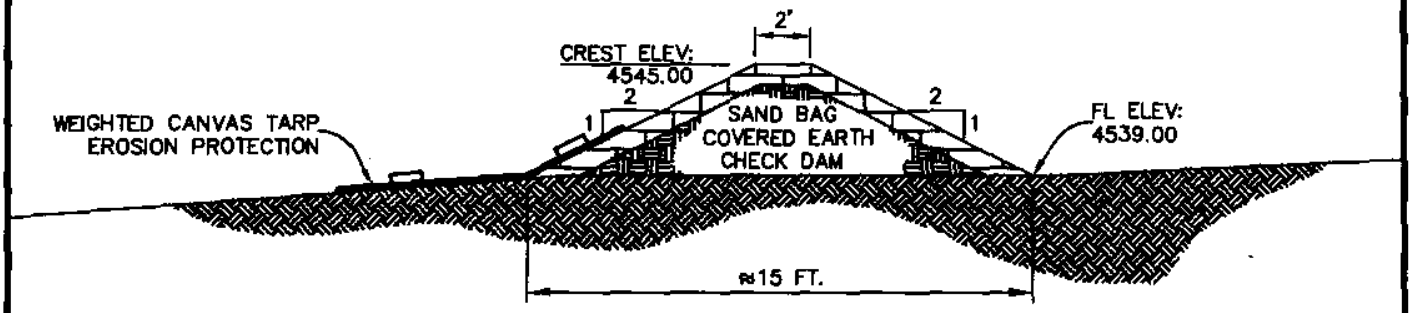
RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D1C SECTION VIEWS OF TEMPORARY CHECK DAM, LEACH CREEK, JUST UPSTREAM OF THE COLORADO RIVER	APPROVED: DD DATE: DEC. 2006 DRAWN: TLT



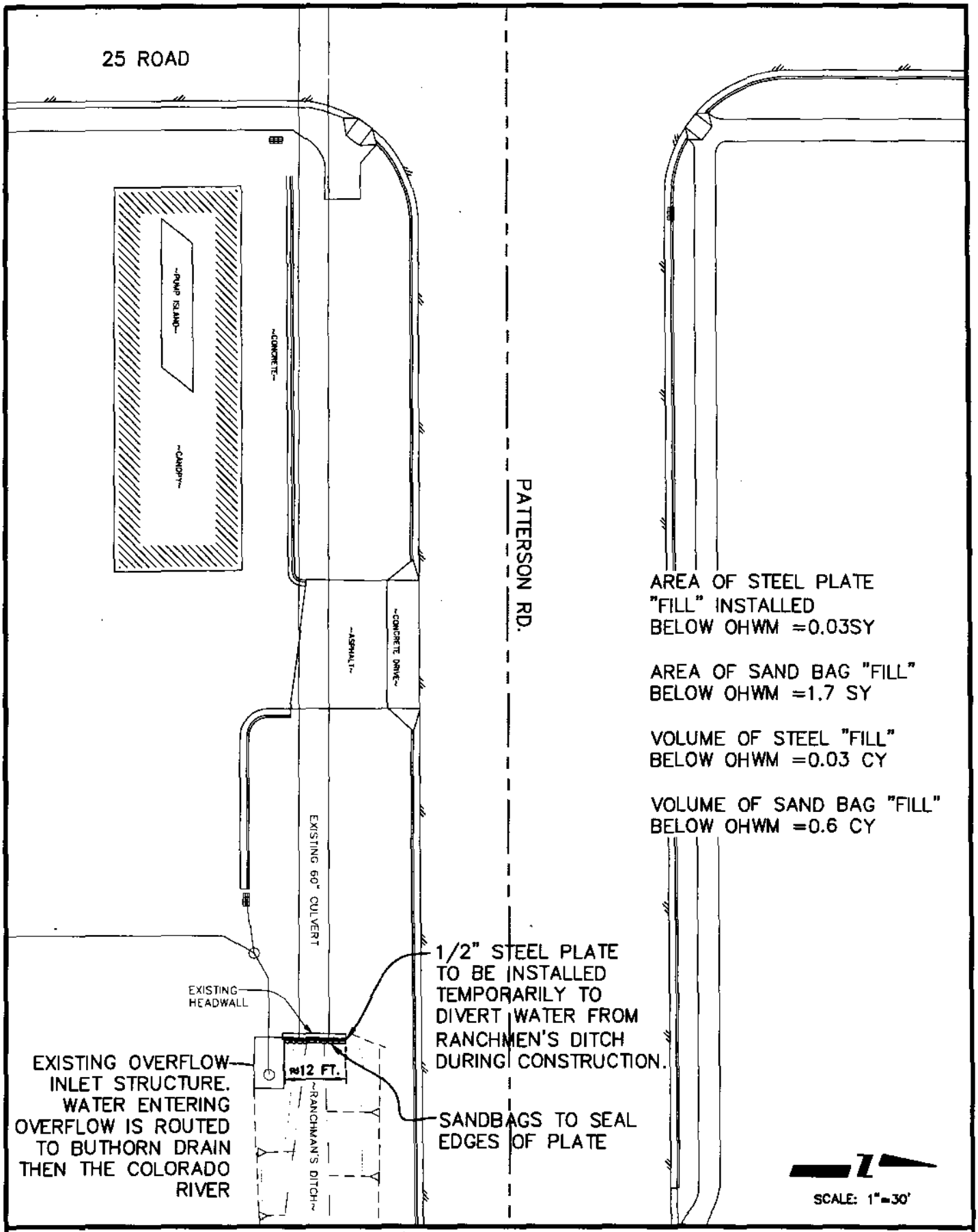
RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D2B TEMPORARY CHECK DAM, LEACH CREEK JUST UPSTREAM OF I-70B	APPROVED: DD DATE: DEC. 2006 DRAWN: TLT



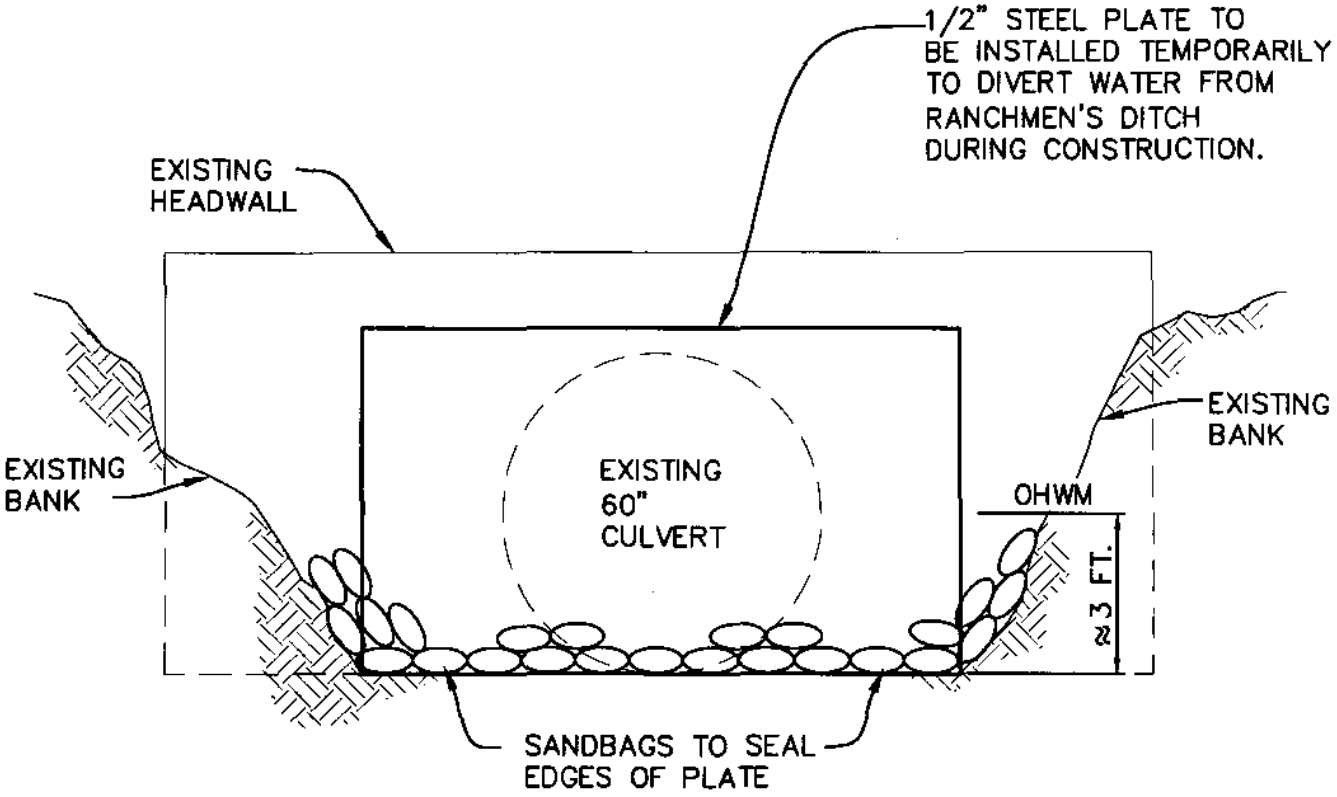
RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D2C SECTION VIEWS OF TEMPORARY CHECK DAM, LEACH CREEK JUST UPSTREAM OF I-70B	APPROVED: DD DATE: DEC. 2006 DRAWN: TLT



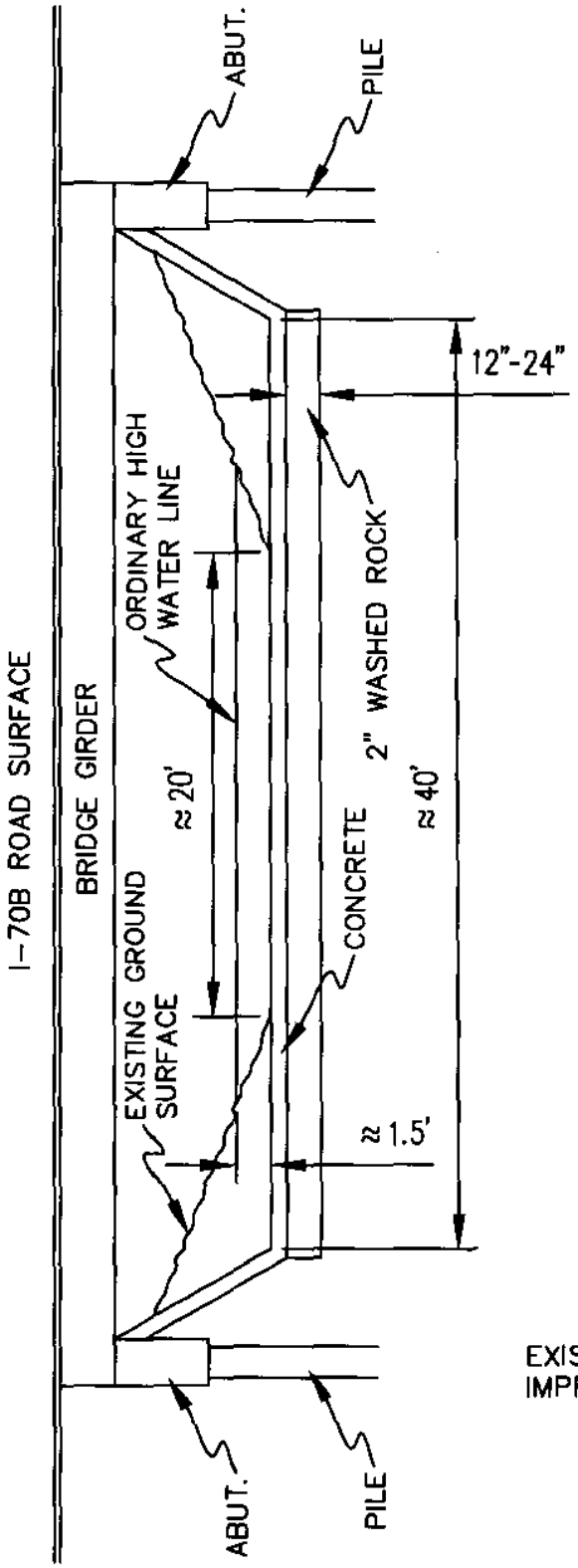
RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D4B STEEL PLATE CHECK DAM, RANCHMEN'S DITCH, PATTERSON RD. & 25 RD.	APPROVED: DD DATE: DEC. 2006 DRAWN: TLT



RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D4C: ELEVATION VIEW STEEL PLATE CHECK DAM, RANCHMEN'S DITCH, PATTERSON RD. & 25 RD.	APPROVED: DD DATE: DEC. 2006 DRAWN: TLT



EXISTING CAPACITY ≈ 800 CFS
IMPROVED CAPACITY ≈ 1400 CFS

ILLUSTRATION OF CHANNEL MAINTENANCE IN LEACH CREEK AT I-70B, GRAND JUNCTION, CO.

RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D2	APPROVED: DD DATE: NOV. 2006 DRAWN: CM

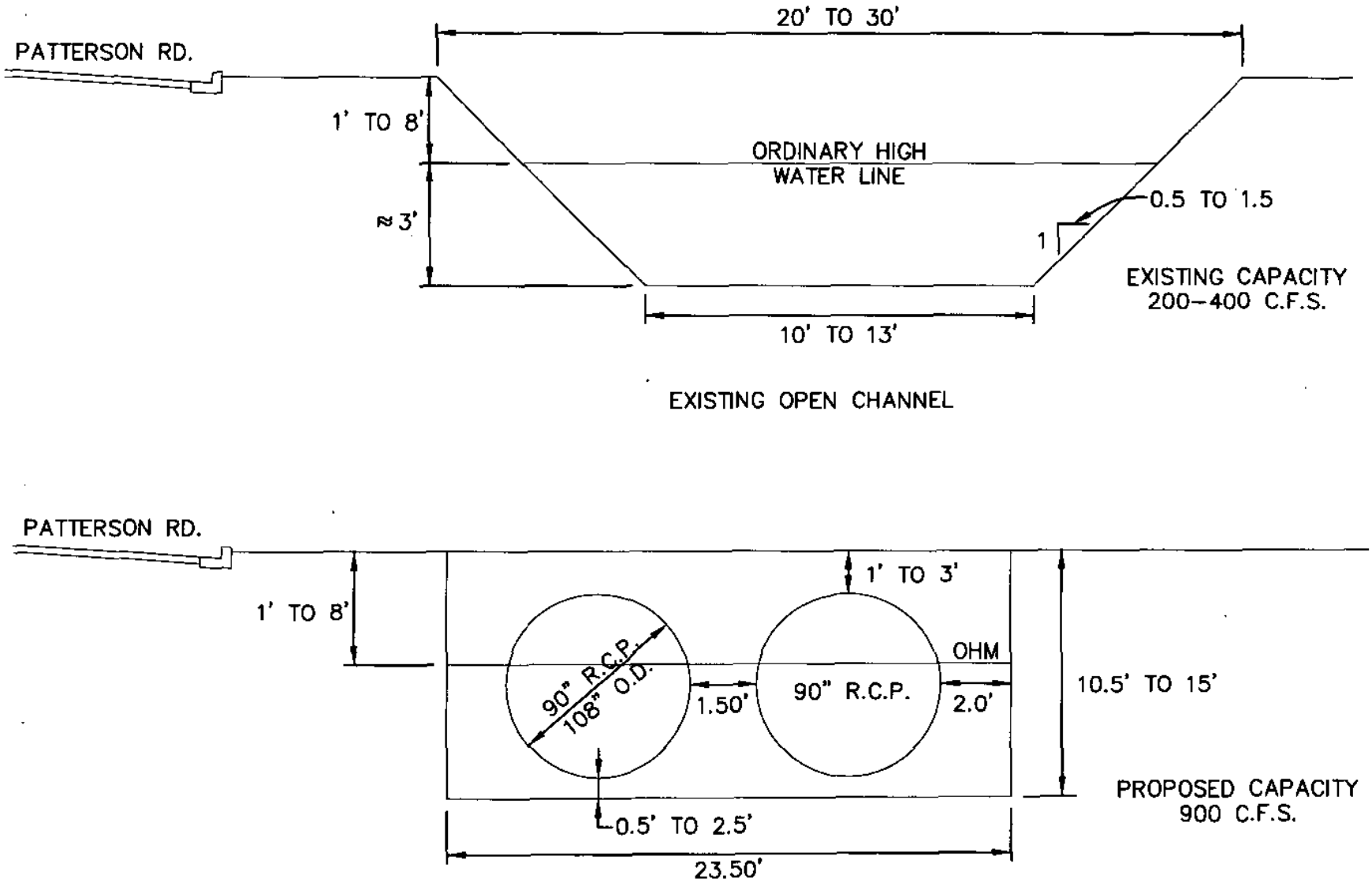


FIGURE D4. PROPOSED PIPE INSTALLATION IN PLACE OF OPEN CHANNEL, PATTERSON ROAD REACH OF RANCHMEN'S DITCH, GRAND JUNCTION, CO

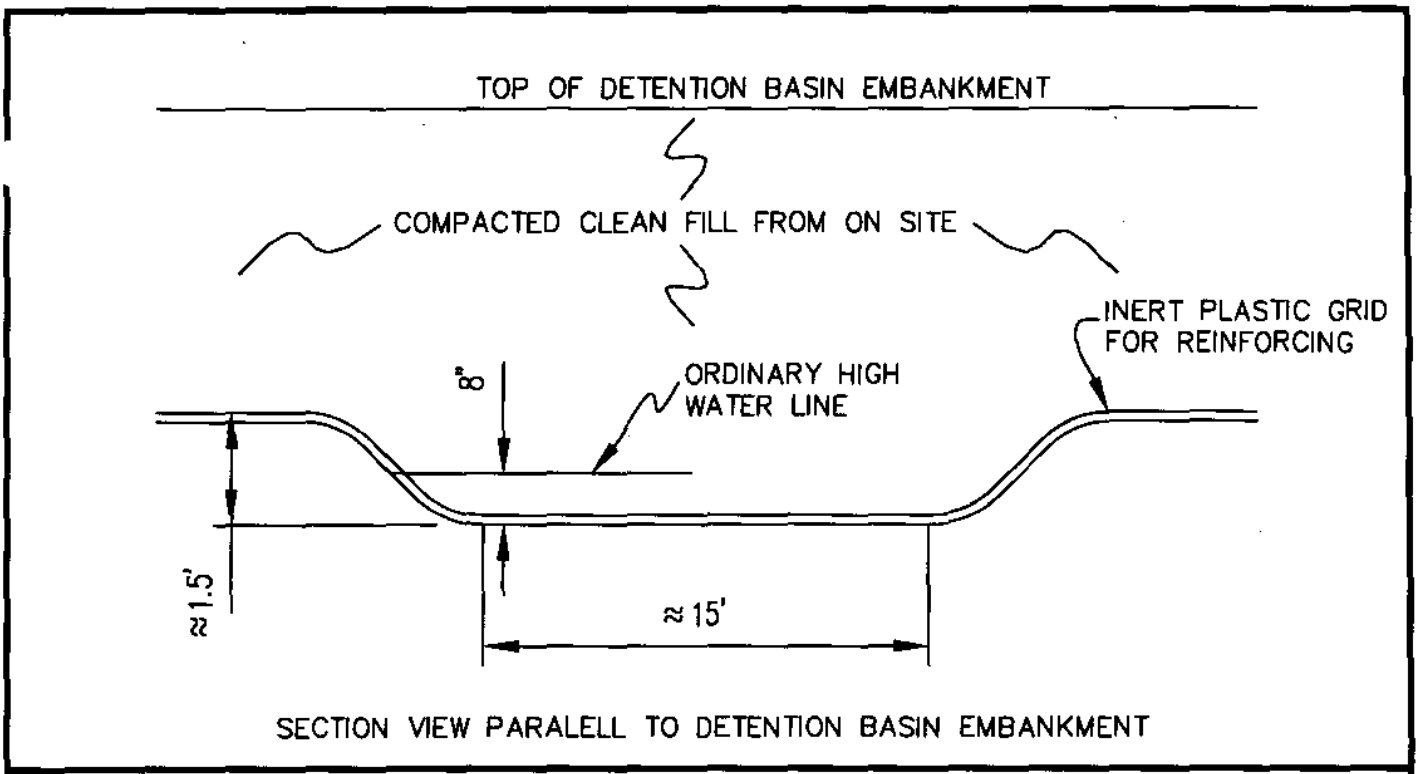
DEPARTMENT OF PUBLIC WORKS AND UTILITIES
ENGINEERING AND TECHNICAL SERVICES DIVISIONS
CITY OF GRAND JUNCTION, COLORADO

RANCHMAN'S DITCH FLOOD CONTROL

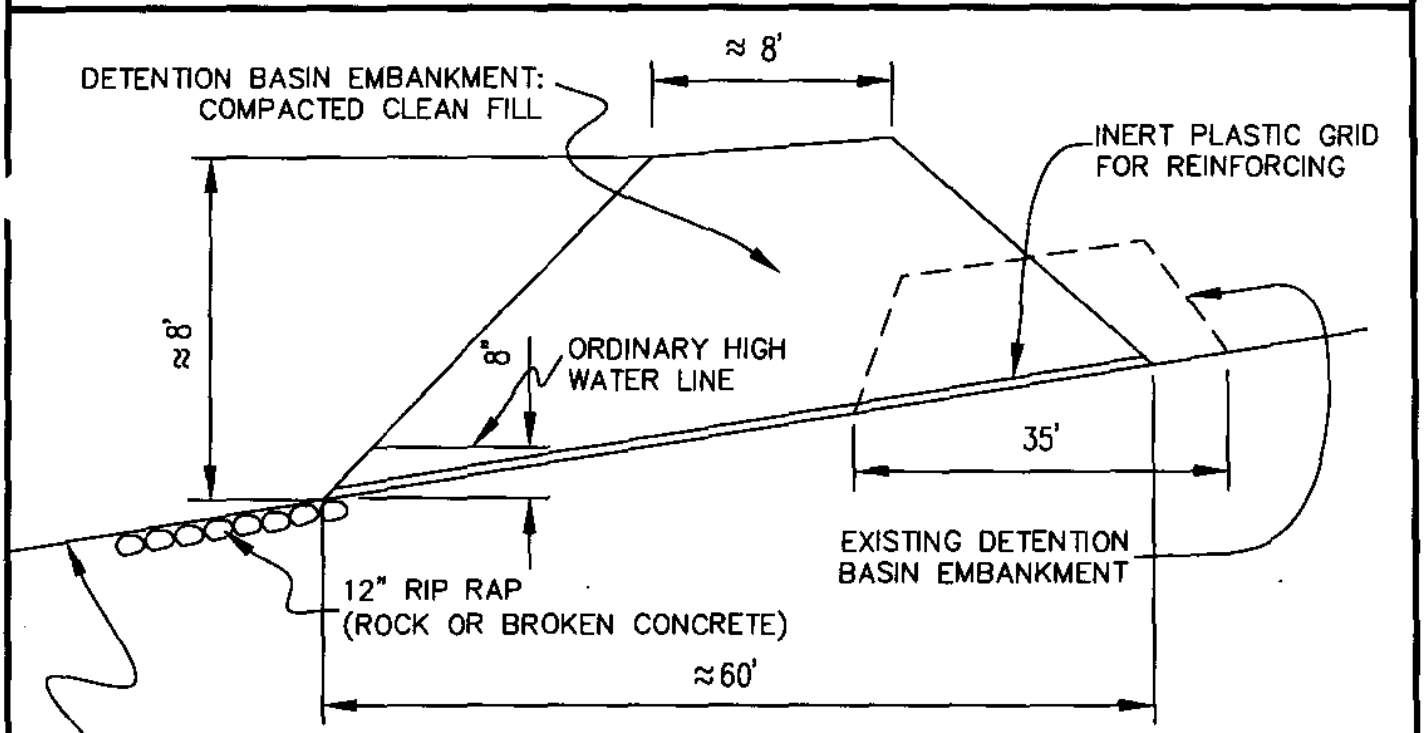
PROPOSED CULVERT
ILLUSTRATION

APPROVED: PD
DATE: NOV 2002
DRAWN: JH

PAGE 1 of 1



SECTION VIEW PARALELL TO DETENTION BASIN EMBANKMENT



SECTION VIEW PERPENDICULAR TO DETENTION BASIN EMBANKMENT

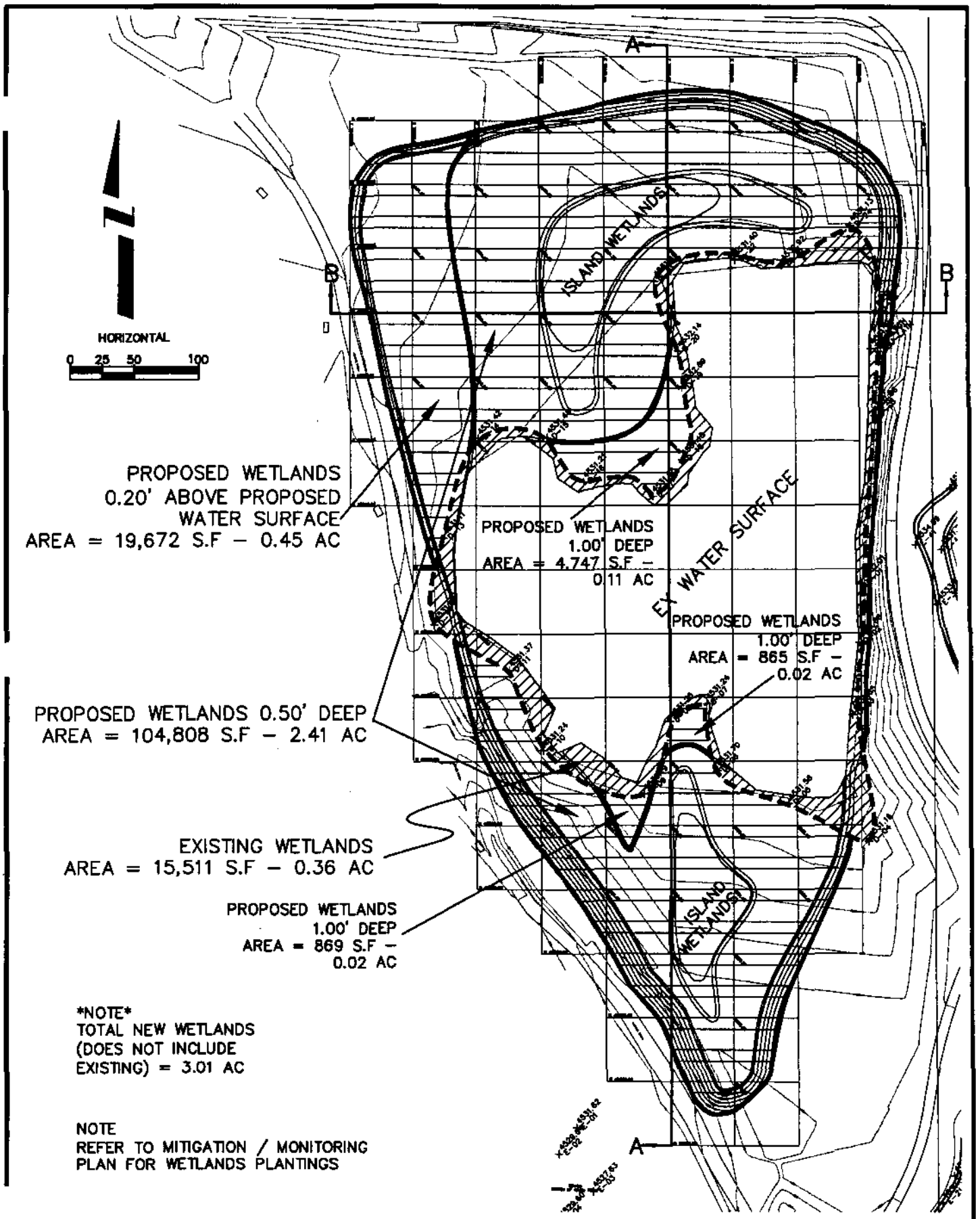
RANCHMAN'S DITCH 100yr DISCHARGE W/ CURRENT DETENTION BASIN = 500 CFS.

RANCHMAN'S DITCH DISCHARGE W/ PROPOSED DETENTION BASIN = 25 CFS.

RECONSTRUCTION OF EXISTING RANCHMAN'S DITCH DETENTION BASIN, WALKER FIELD AIRPORT GRAND JUNCTION, CO

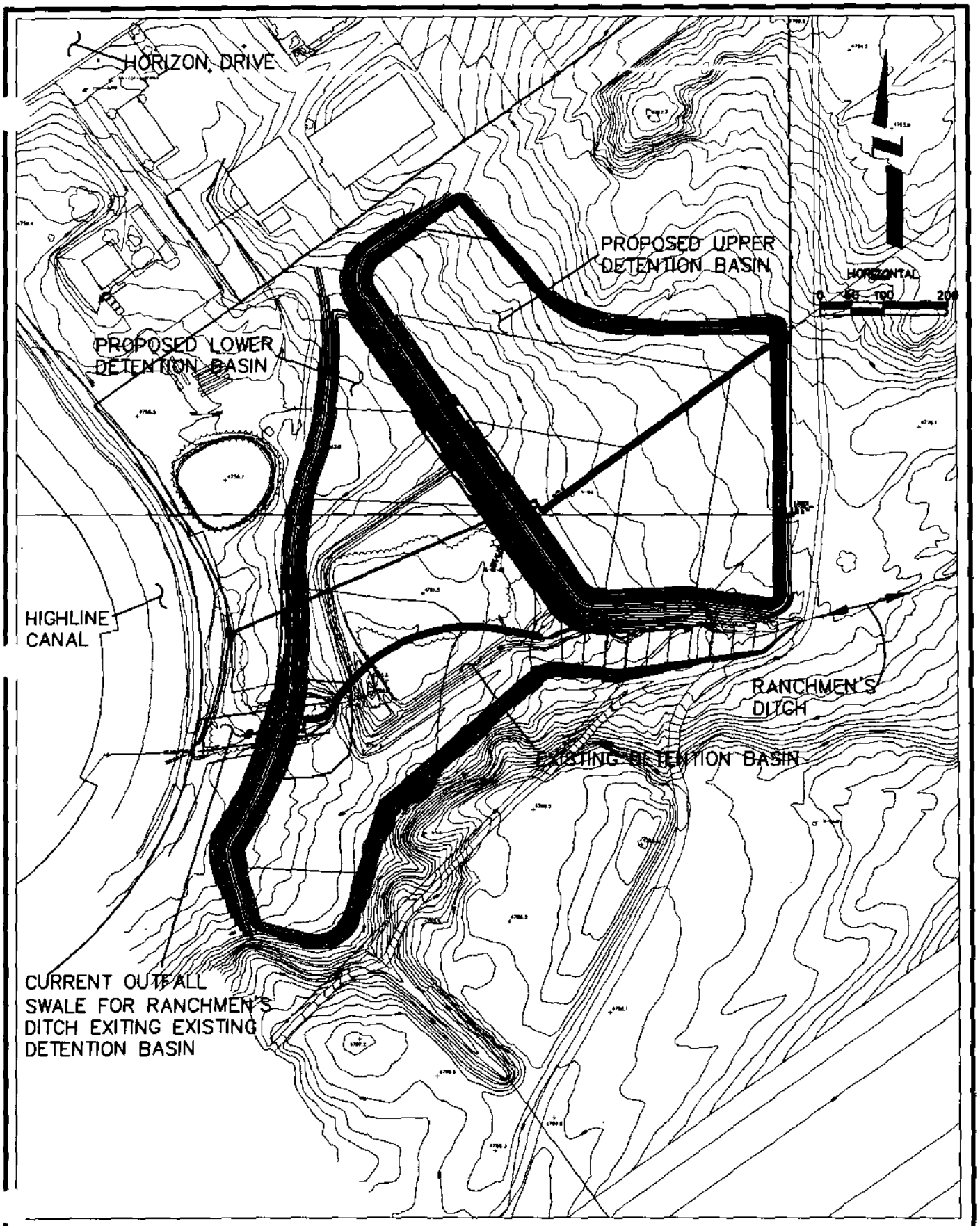
RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE D7	APPROVED: DD DATE: NOV. 2006 DRAWN: CM



RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE E1–A. POND AREA WETLANDS EXPANSION	APPROVED: DD DATE: NOV. 2006 DRAWN: CM



RANCHMAN'S DITCH FLOOD CONTROL

DEPARTMENT OF PUBLIC WORKS AND UTILITIES ENGINEERING AND TECHNICAL SERVICES DIVISIONS CITY OF GRAND JUNCTION, COLORADO	FIGURE E13 PLAN VIEW OF EXISTING AND PROPOSED RANCHMEN'S DITCH DETENTION BASINS AT WALKER FIELD AIRPORT	APPROVED: DD DATE: NOV. 2006 DRAWN: JH