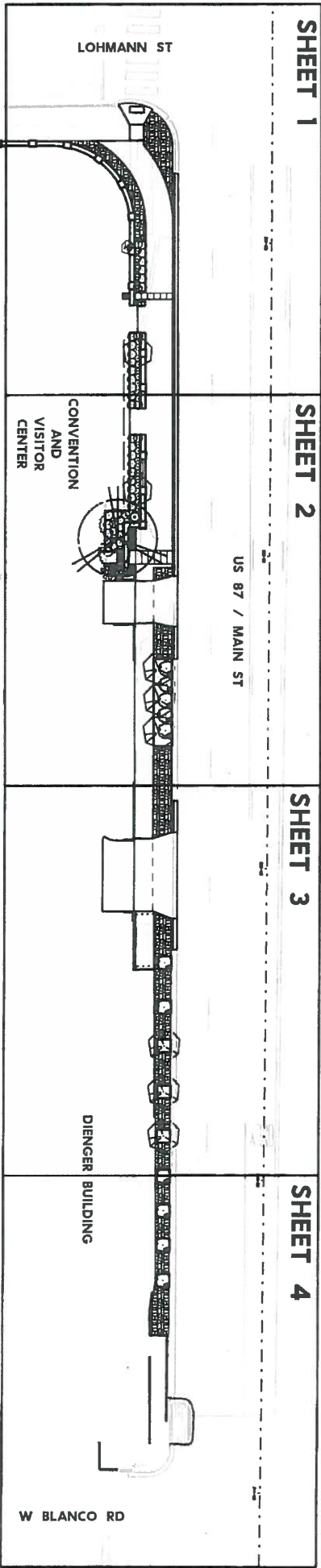
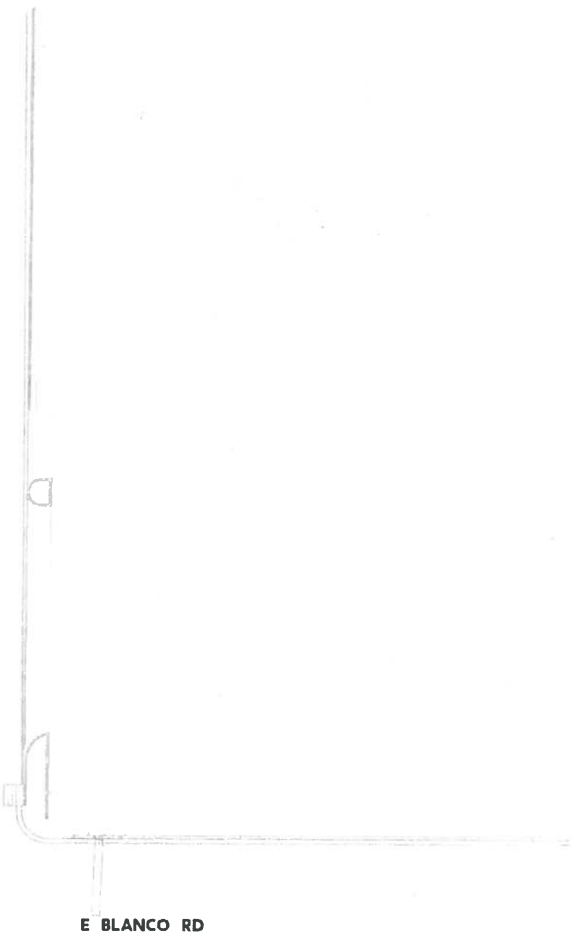
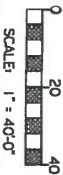


08/23/2018

Christian G. Chambers



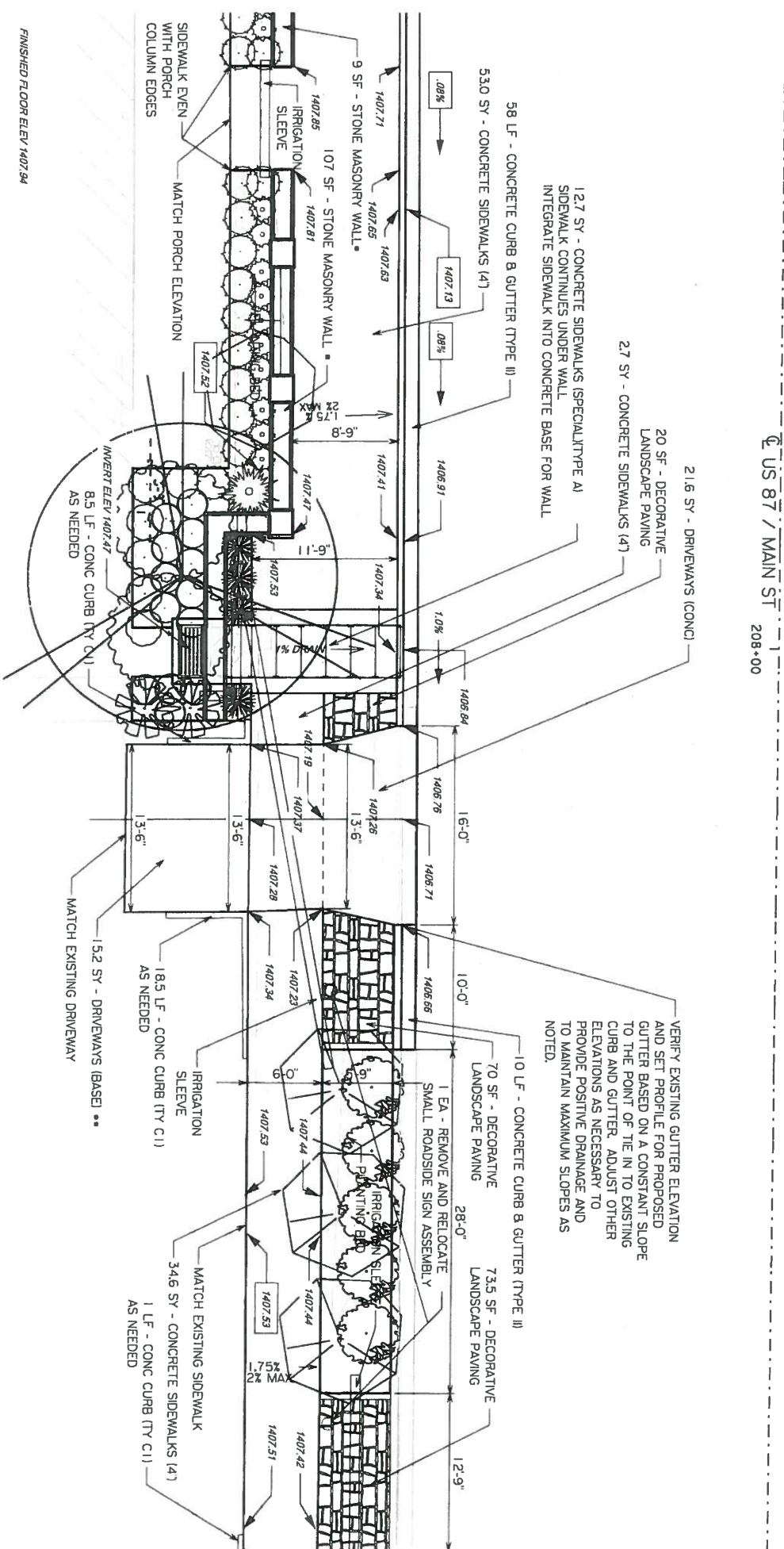
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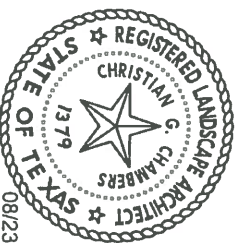
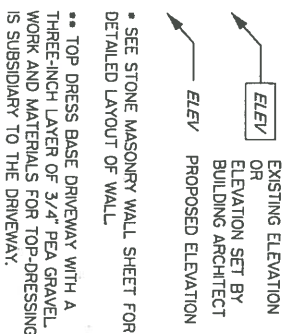
PROJECT LAYOUT

SHEET 1 OF 1

PROJECT NO.	FEDERAL AID PROJECT NO.	SHEET NO.
0072		1
STATE	COUNTY	
TEXAS	KENDALL	
CDOT	SECTION	SECTION NO.
0072	14	030
		US 87



ESTIMATED SHEET QUANTITY		
DESCRIPTION	UNIT	QUANTITY
RAIL (FEDERSTRANG) (SU)	LF	0.0
RAIL (HANDRAIL) (DECORATIVE)	LF	0.0
CONC CURB & GUTTER (TY II)	LF	88.0
CONC CURB (TY C)	LF	0.0
DRIVEWAYS (CONC)	SV	21.5
DRIVEWAYS (ACP)	SV	0.0
DRIVEWAYS (BASE)	SV	15.2
CONC SIDEWALKS (#7)	SV	90.3
CURB RAILS (TY I)	EA	0.0
CONC SIDEWALKS (SPECIAL TYPE A)	SV	12.7
CONC SIDEWALKS (SPECIAL TYPE B)	SV	0.0
CONC SIDEWALKS (SPECIAL RETAINING WALL)	SV	0.0
RELOCATE SW RD SN SUPRAM TY 10BWG	EA	0.0
RELOCATE SW RD SN SUPRAM TY TWRT	EA	1.0
DECORATIVE LANDSCAPE PAVING	SF	163.5
STONE MASONRY (FACADE MASONRY)	SF	115.0
TREE GRATE	EA	0.0



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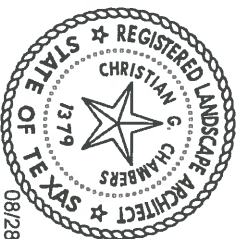
LAYOUT PLAN

SHEET 2 OF 4

FEDERAL PROJECT	SHEET NO.
6	35
STATE	COUNTY
TEXAS	KENDALL
CONC.	SECT.
0072	14
	030
	US 87

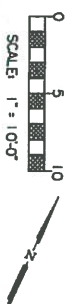
ESTIMATED SHEET QUANTITY		
DESCRIPTION	UNIT	QUANTITY
RAIL (PEDESTRIAN)(SP)	LF	0.0
RAIL (HANDRAIL)(DECORATIVE)	LF	89.8
CONC CURB & GUTTER (TY II)	LF	0.0
CONC CURB (TY C1)	LF	0.0
DRIVEN/YS (CONC)	SY	0.0
DRIVEN/YS (ACP)	SY	0.0
DRIVEN/YS (BASE)	SY	0.0
CONC SIDEWALKS (4')	SY	0.0
CURB RAMP (TY 1)	EA	0.0
CONC SIDEWALKS (SPECIAL TYPE A)	SY	0.0
CONC SIDEWALKS (SPECIAL TYPE B)	SY	0.0
CONC SIDEWALKS (SPECIAL RETAINING WALL)	SF	0.0
RELOCATE SM RD NO SN SUPPLAM TY 10BWG	EA	0.0
RELOCATE SM RD NO SN SUPPLAM TY 1WT	EA	0.0
DECORATIVE LANDSCAPE PAVING	SF	176.8
STONE MASONRY (FACADE MASONRY)	SF	0.0
TREE GRATE	EA	3.0

- NOTES:
1. USE EXISTING ANCHOR BOLTS WHERE AVAILABLE FOR DECORATIVE HANDRAIL
 2. CUT AND GRIND UNUSED ANCHOR BOLTS FLUSH WITH EXISTING SIDEWALK (SUBSIDIARY TO HANDRAIL)



08/28/2018

Christine H. Danaher



 Texas Department of Transportation
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LAYOUT PLAN

SHEET 4 OF

FEDERAL DIVISION	FEDERAL AID PROJECT	SHEET NO.
6		37
STATE	COUNTY	
TEXAS	SAT	KENDALL
CONTRACT	SECT.	SECTION NO.
00072	14	030
		US 87

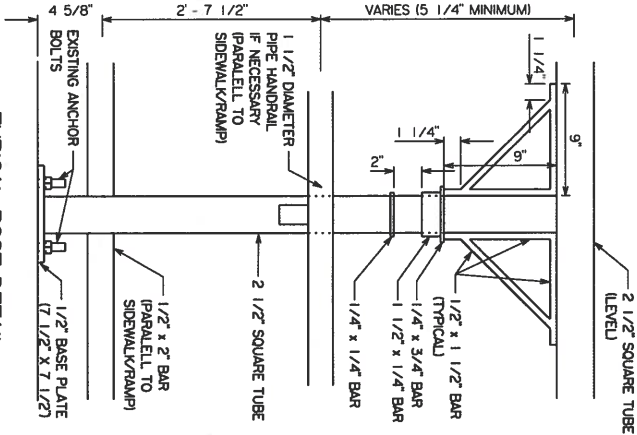


HANDRAIL DETAIL STUDY #9

DIENGER BLDG

210 N. MAIN ST

BOERNE, TX 78006



INTERIM REVIEW ONLY
DO NOT CONSIDER FOR CONSTRUCTION
APPROVAL, RESUBMITTING, OR CONSTRUCTION
LABOR, ANCHOR, CRISTIAN & CHAMBERS
REGISTRATION NO. 1 1378
DATE: 8/29/2018

Texas Department of Transportation			
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US 87			
HANDRAIL DETAILS			
SHEET 1 OF 1			
FEDERAL AID PROJECT NO.	6	STATE	TEXAS
COUNTY	SAT	SECTION	14
PROJECT NO.	030	SECTION	030
PROJECT NO.	0072	SECTION	030