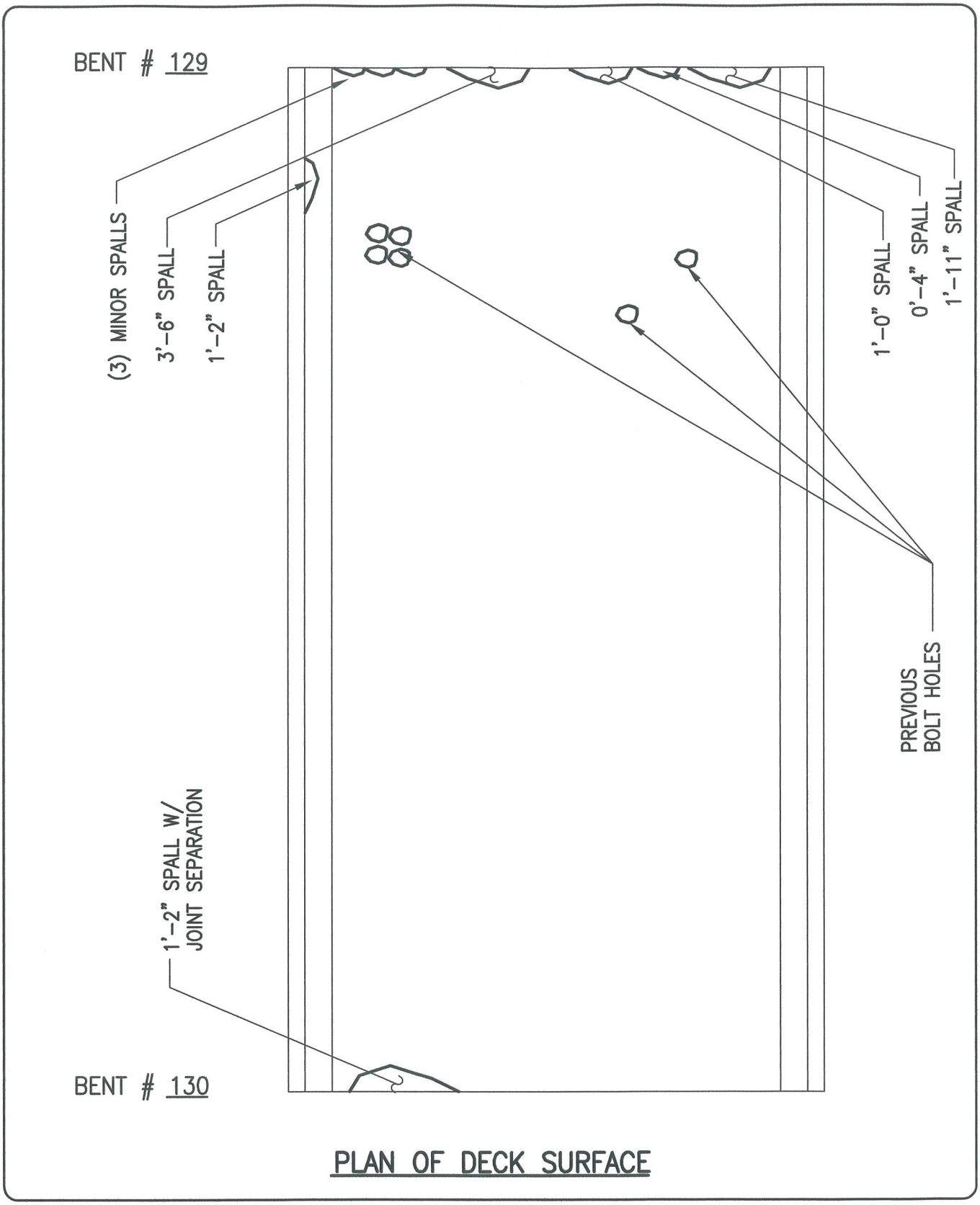

PLAN OF DECK SURFACE

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4911 Green Road Suite 107 Raleigh, NC 27616
Phone 919 981 0310 Fax 919 981 0451
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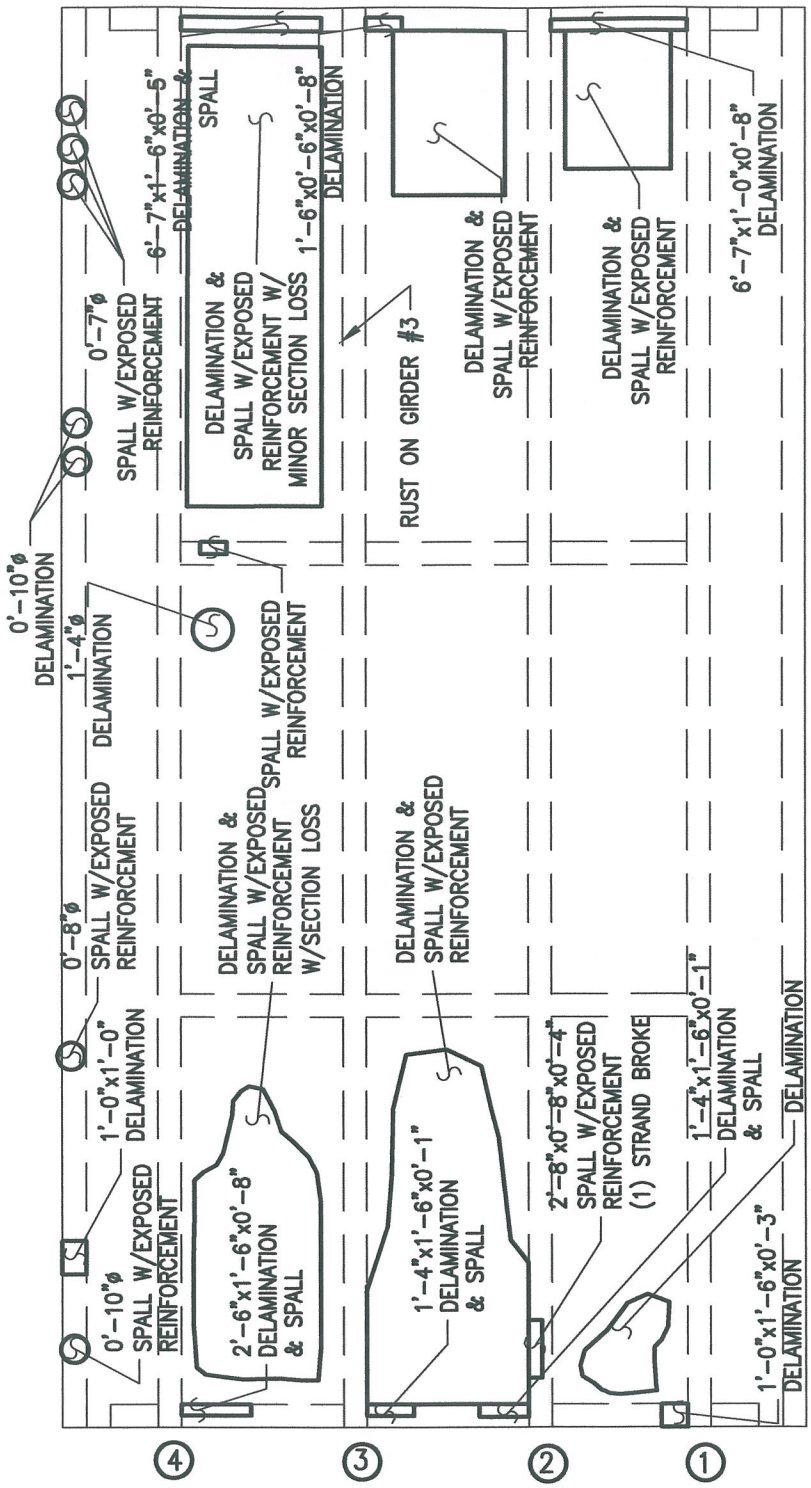
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 674 OF 1347	

BENT #129



BENT #130

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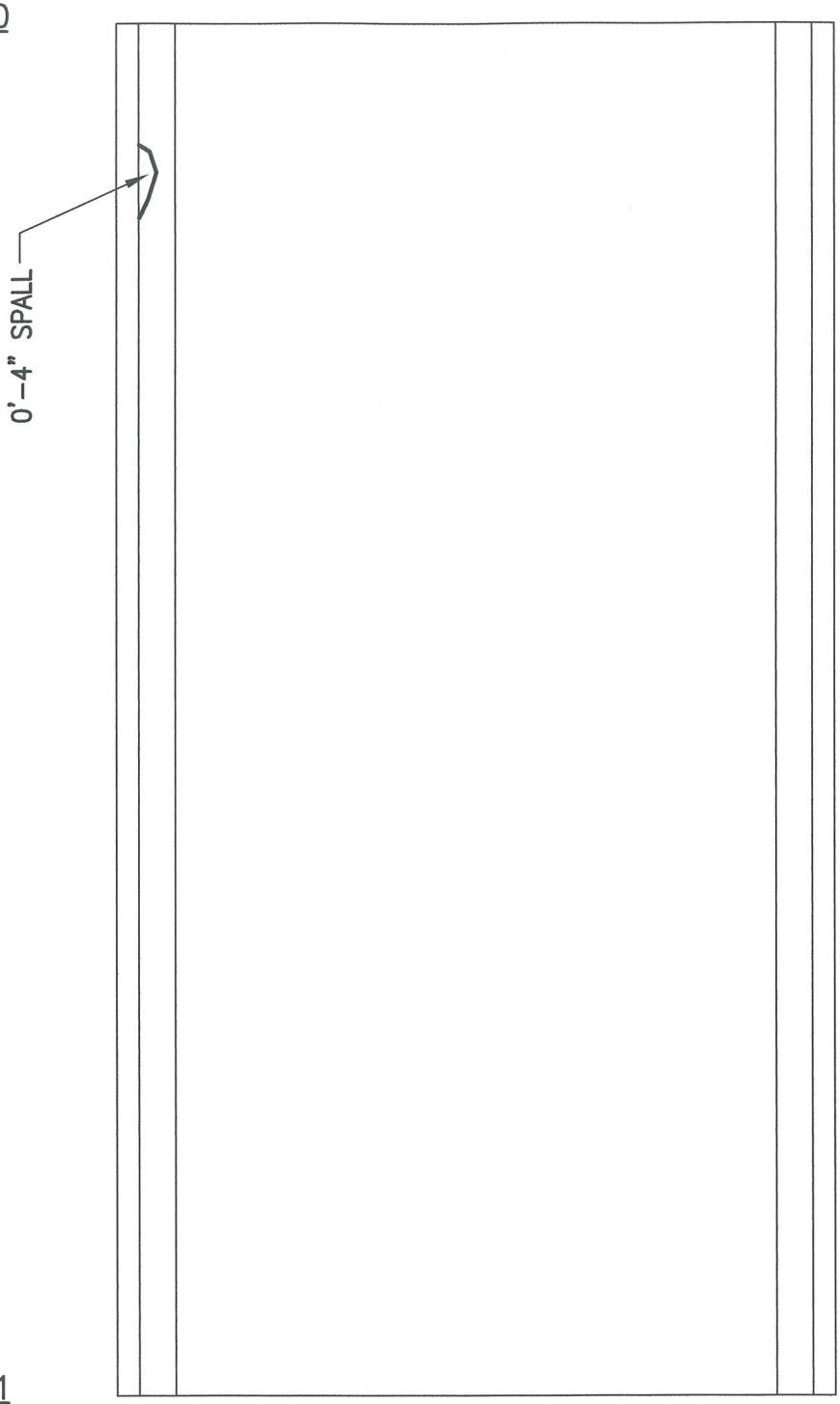
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 675 OF 1347	

BENT # 130



BENT # 131

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PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 680 OF 1347	

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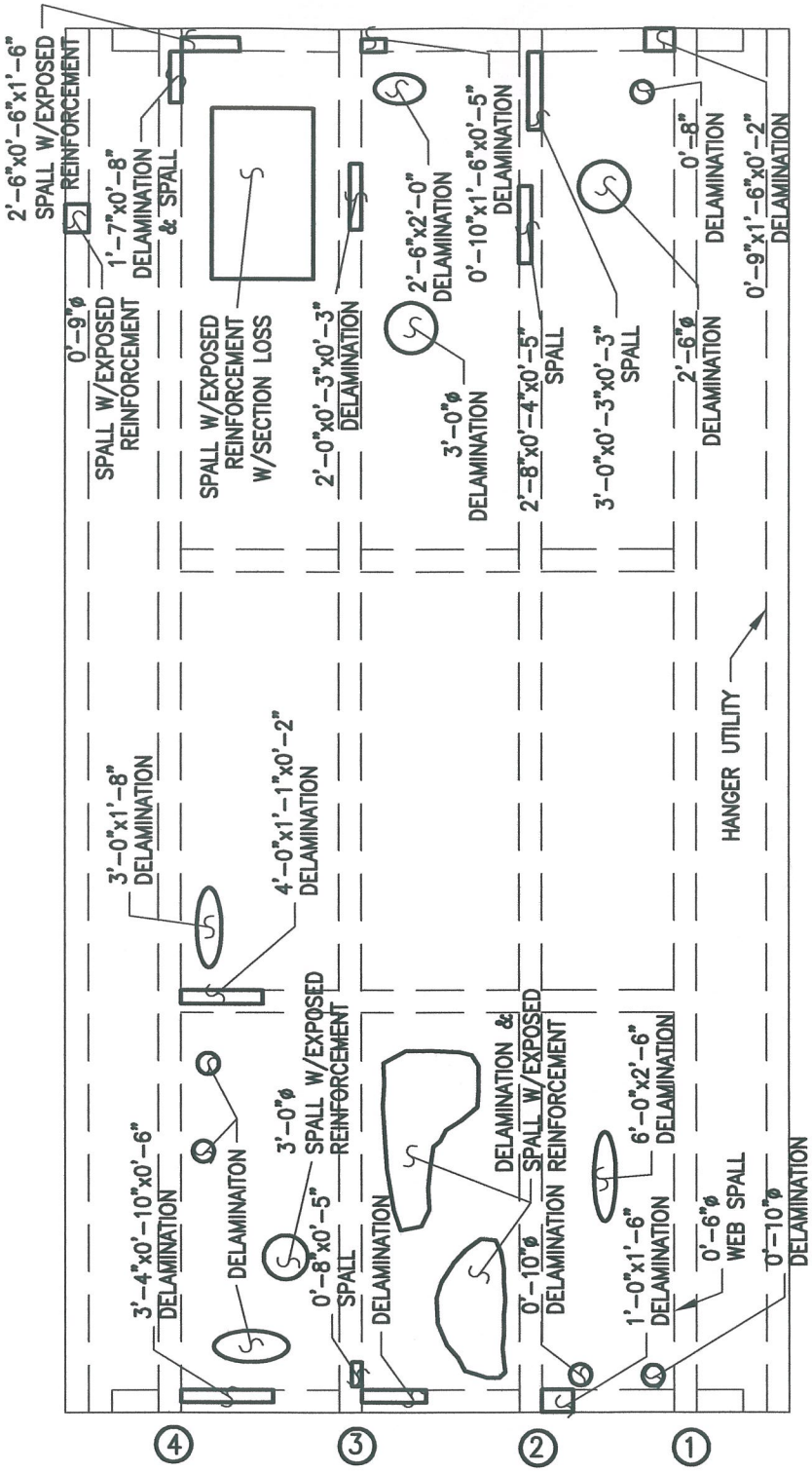

BENT #131

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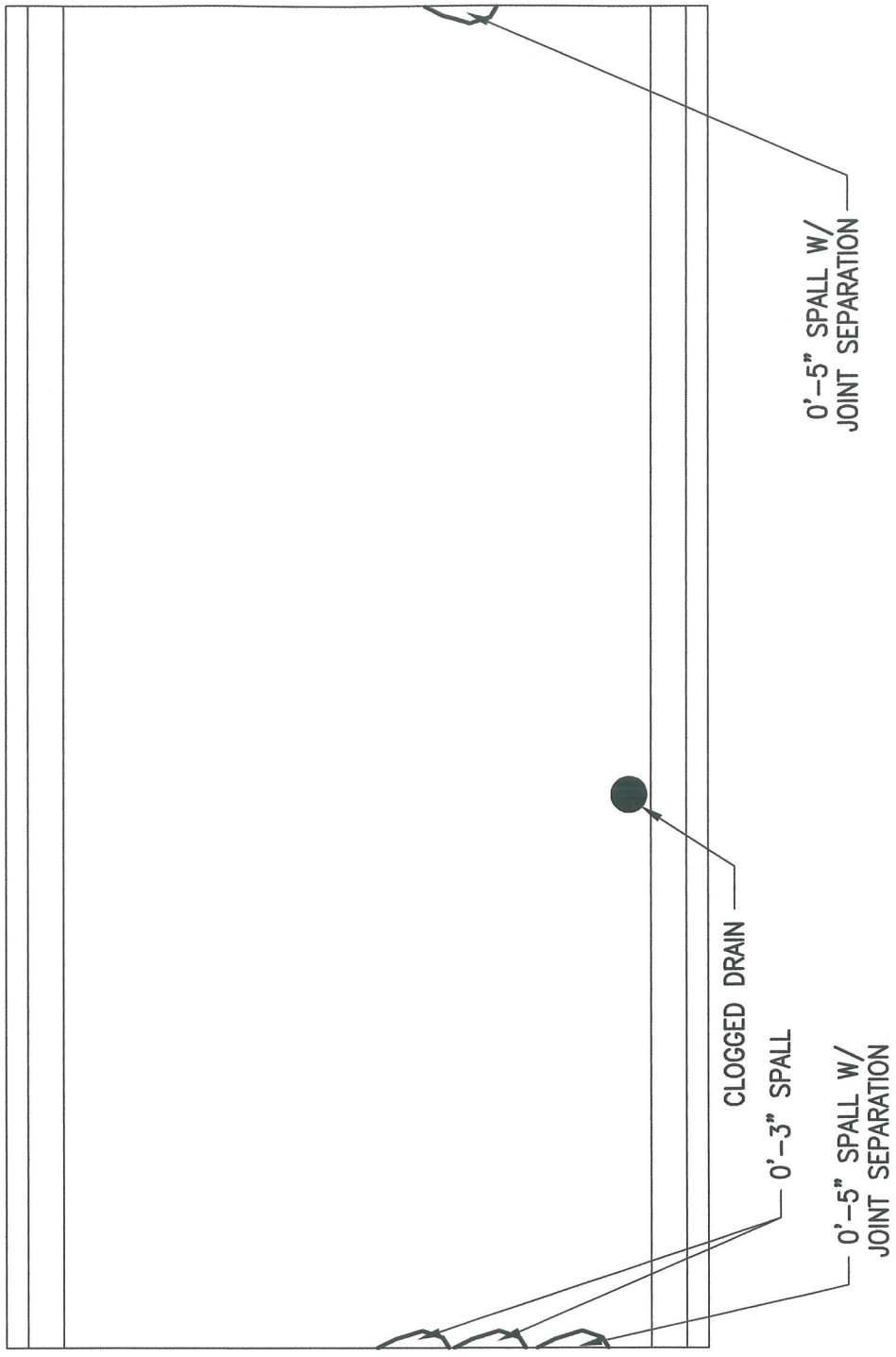
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 81 OF	347

BENT # 131



BENT # 132

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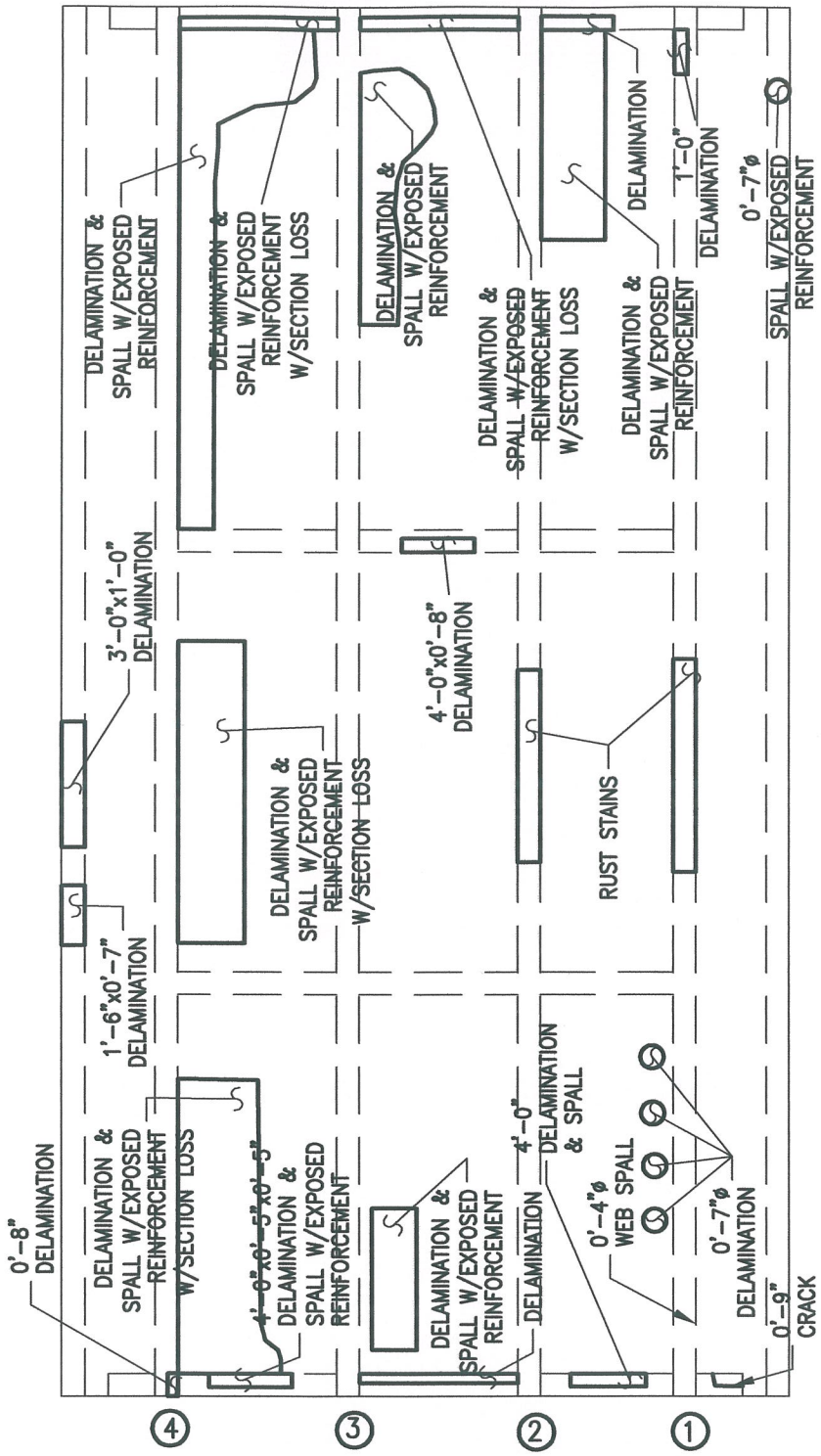
SCALE:	NTS		
DATE:	6/20/06	SHT 886 OF 1347	

BENT #131



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COUNTY:	DARE		
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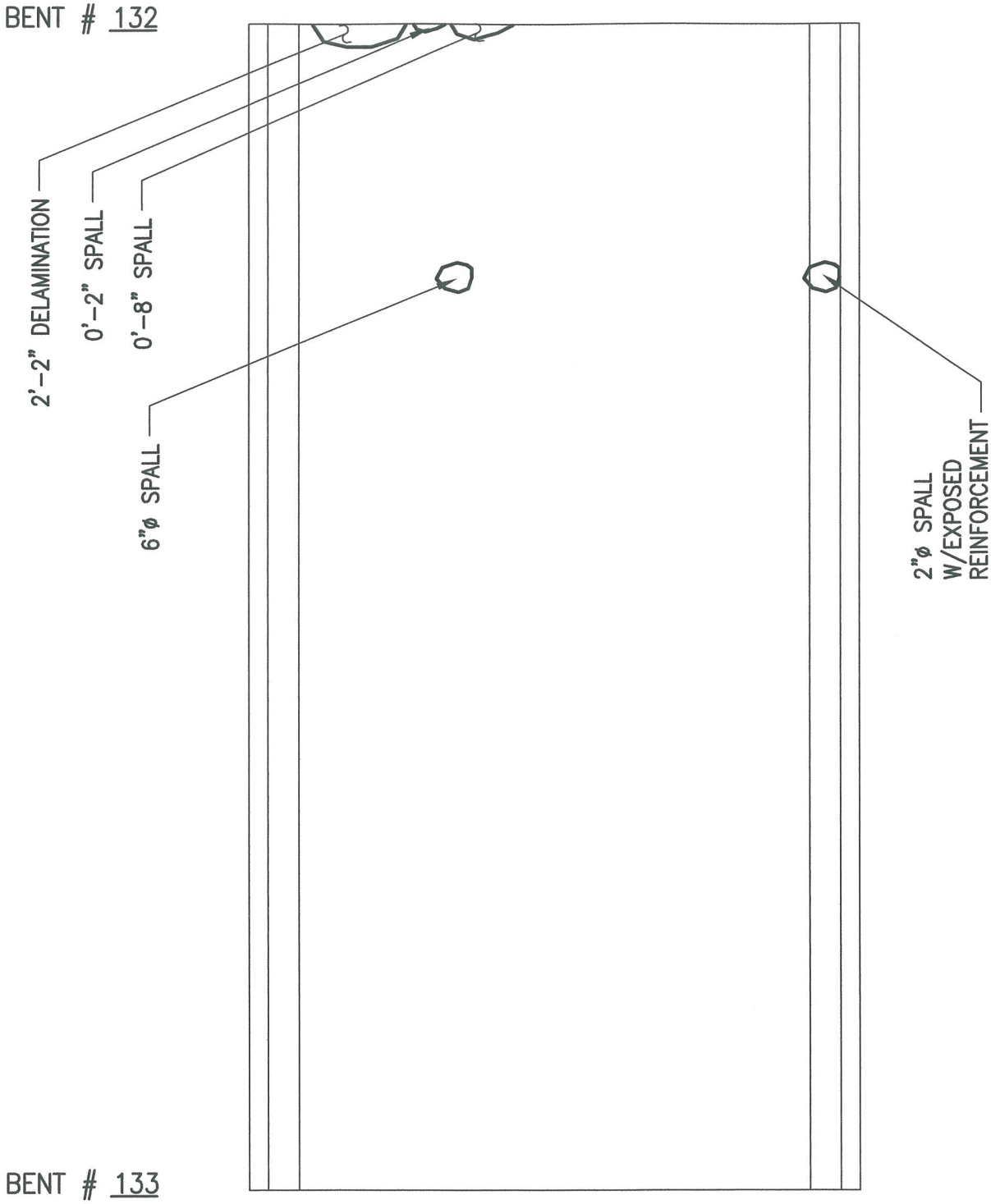
SCALE:	NTS		
DATE:	6/20/06	SHT 667 OF 1347	



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PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 697 OF 1347	

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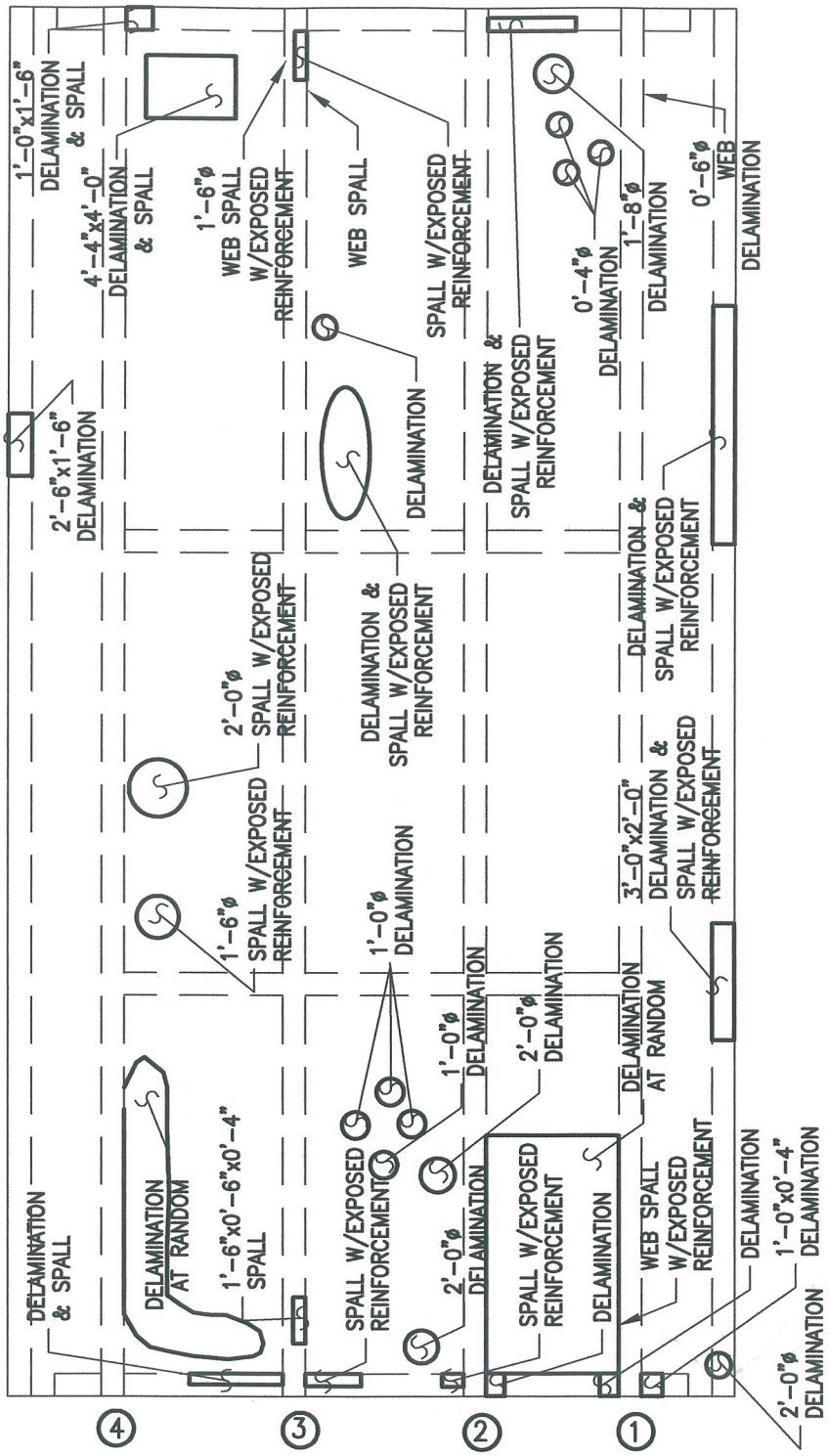

BENT #133

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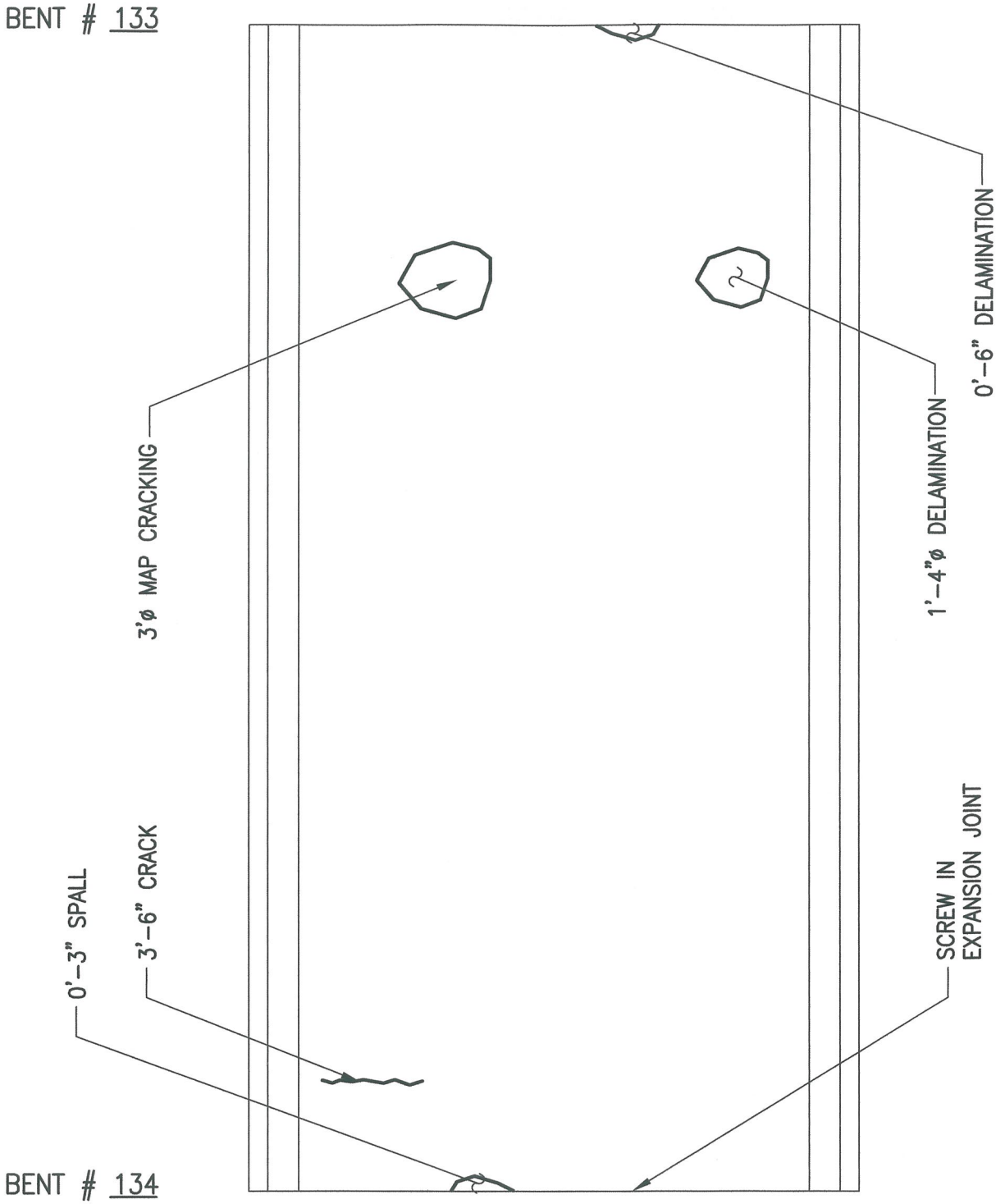
SCALE:	NTS		
DATE:	6/20/06	SHT 653 OF 1347	



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PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 598 OF 1347	

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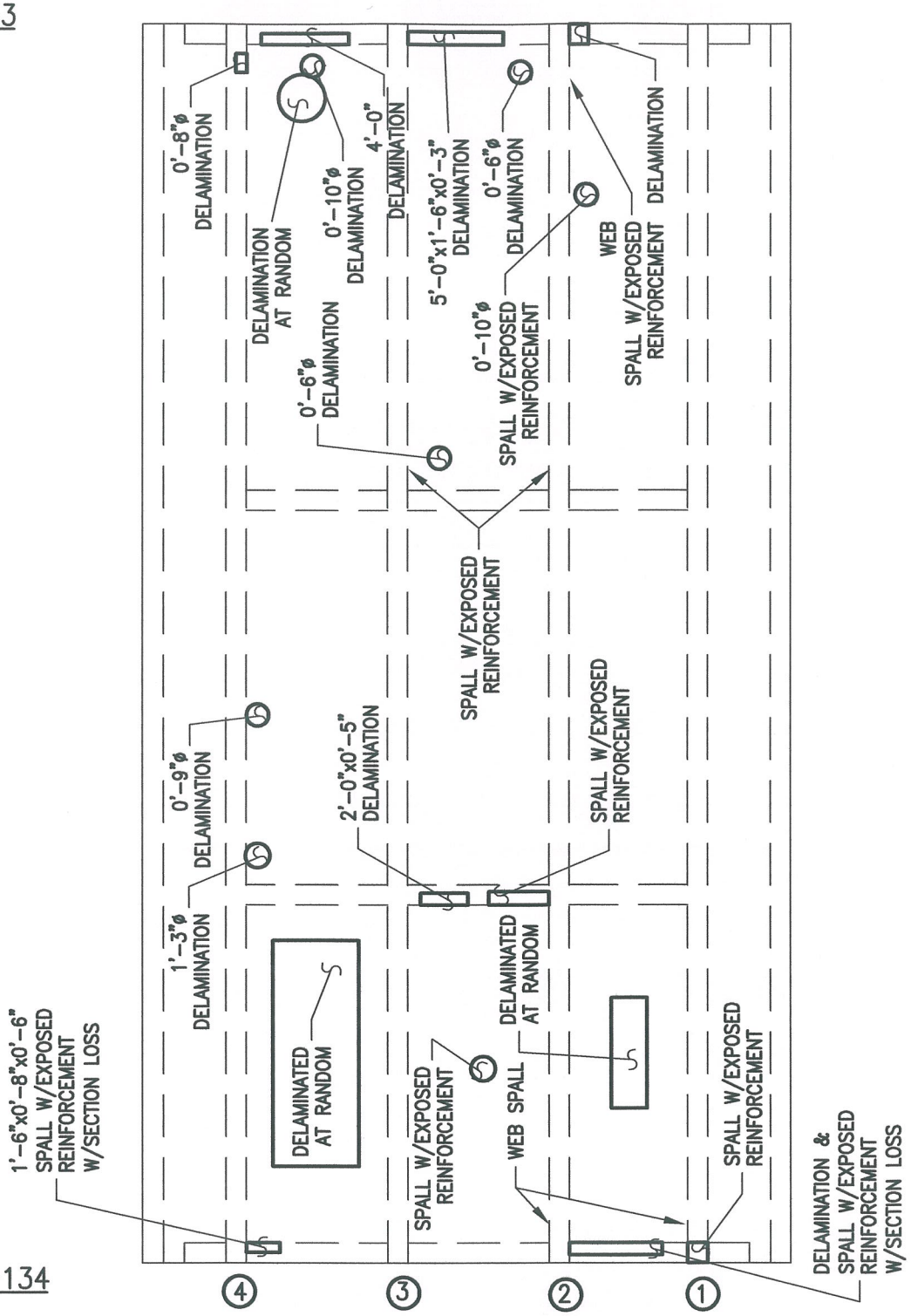

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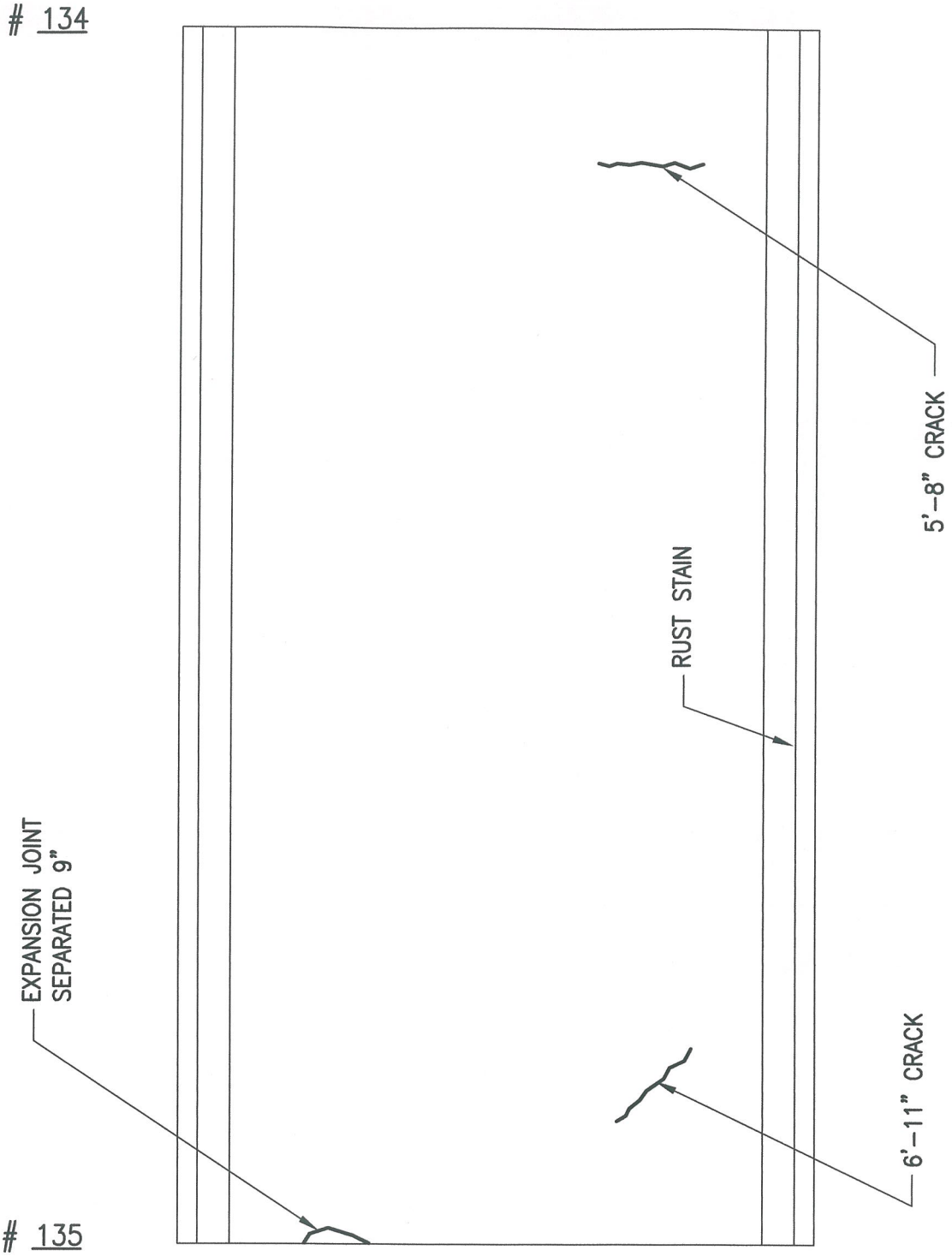
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 99 OF 347	

BENT # 134



BENT # 135

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PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 104 OF 134	

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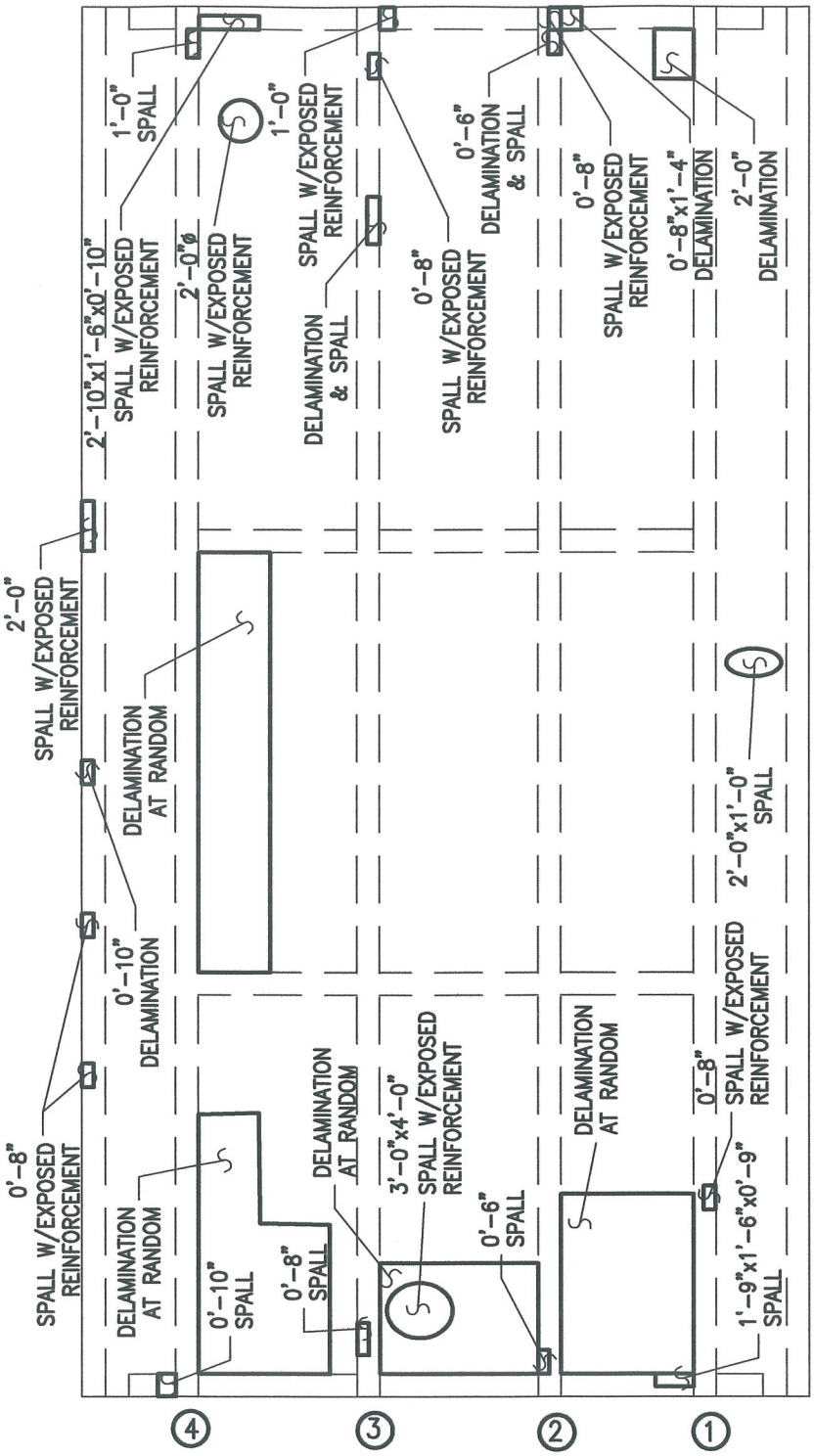

BENT #135

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PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
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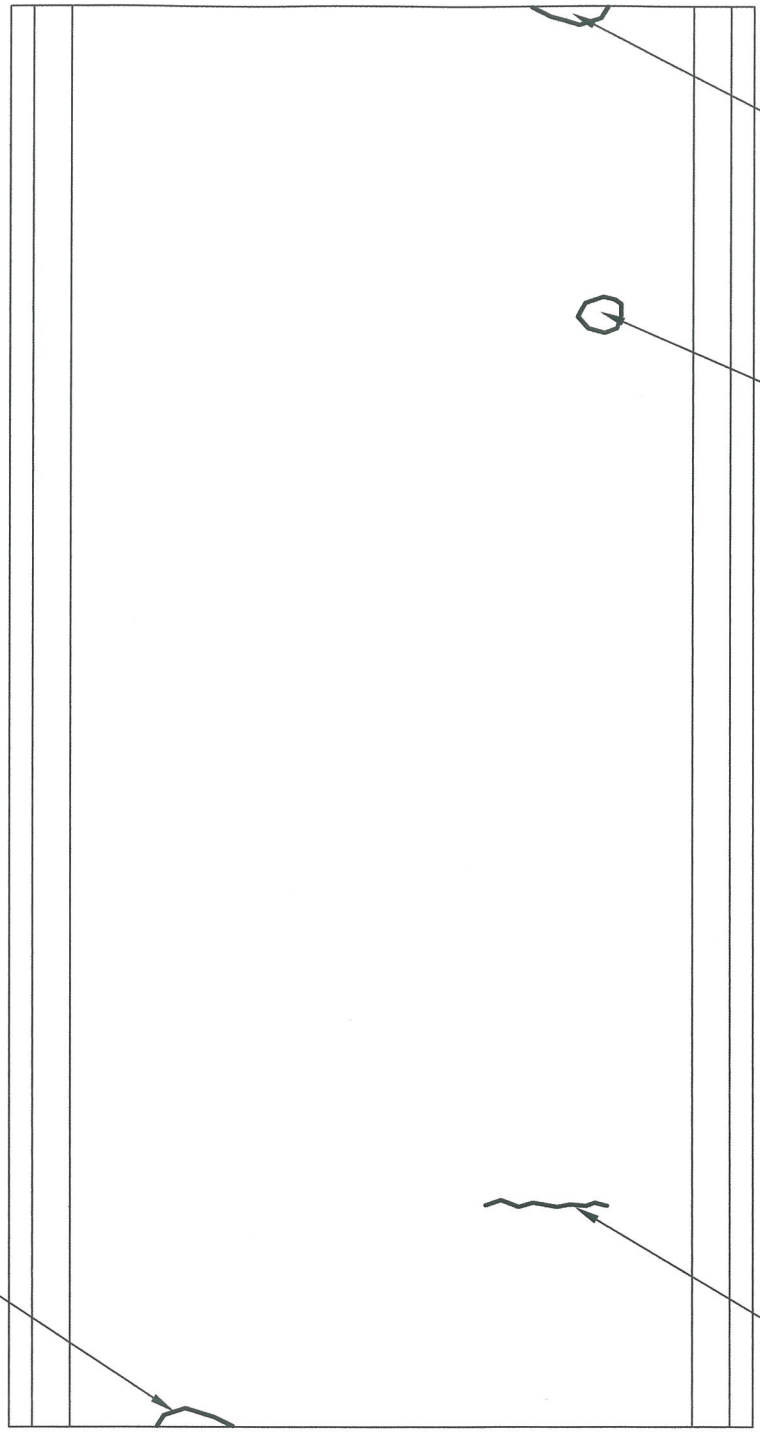

BENT # 136

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COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 9/0 OF 1347	

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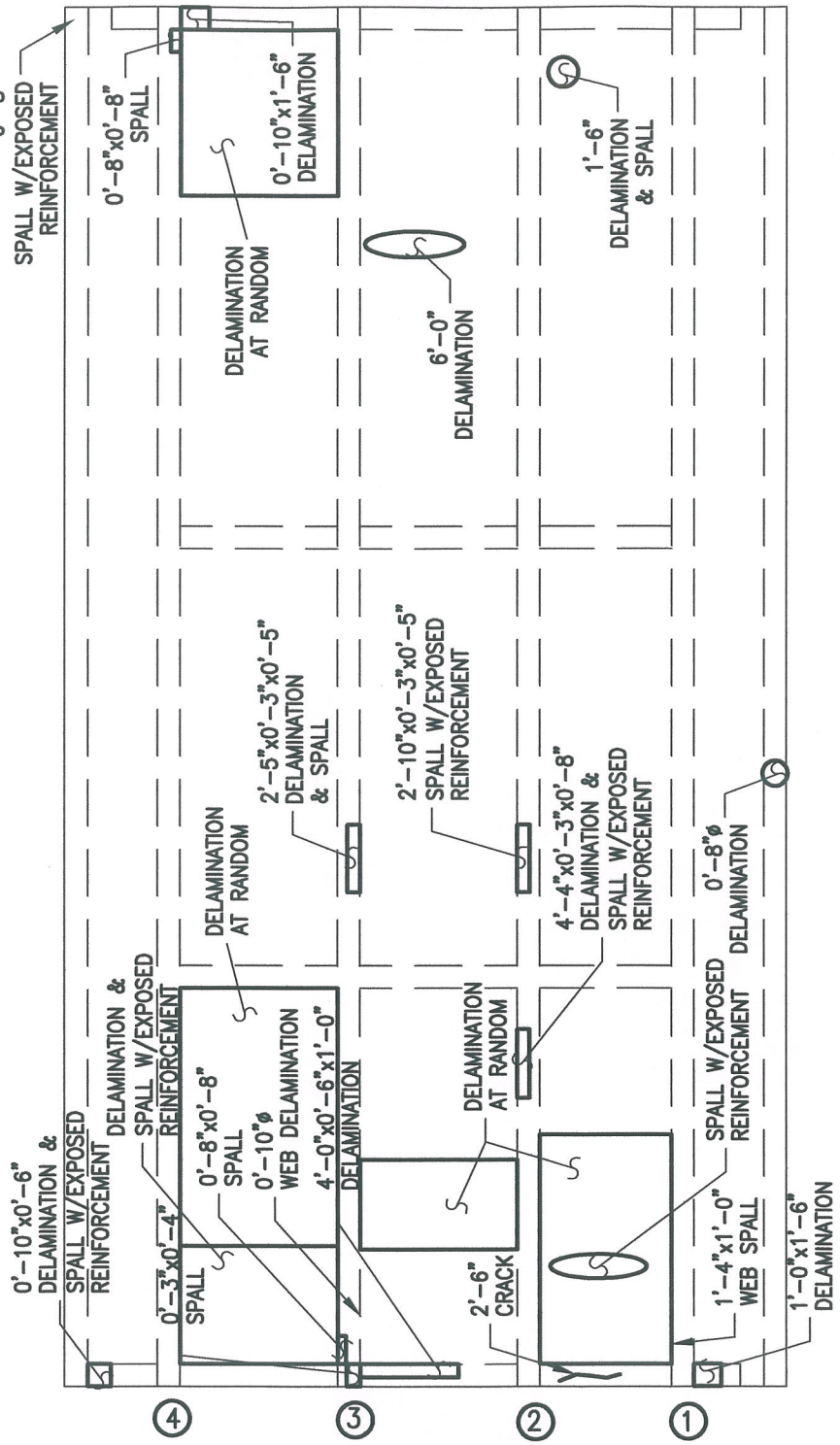

BENT #136

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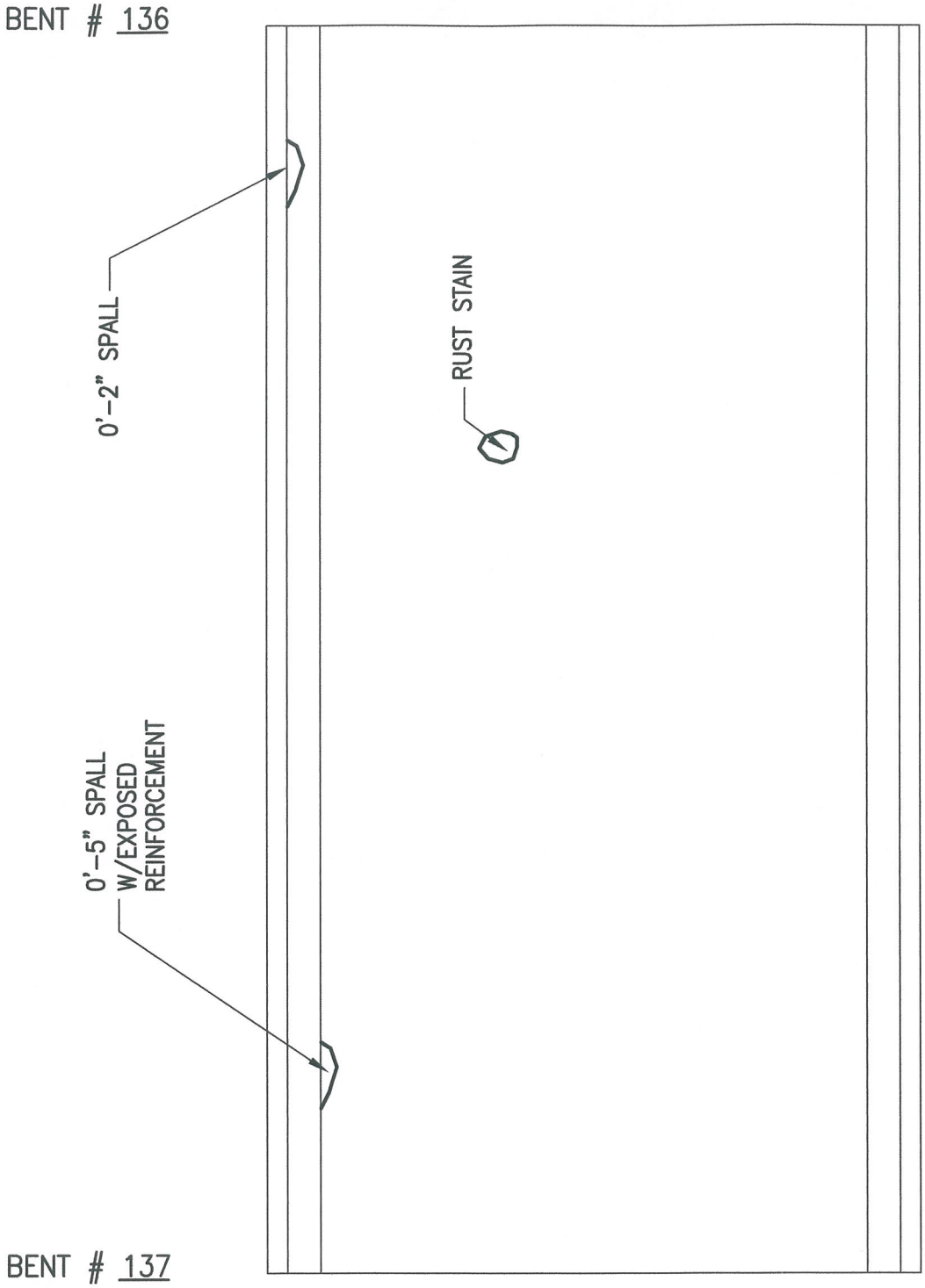
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 11	OF 347



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COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 16 OF 347	

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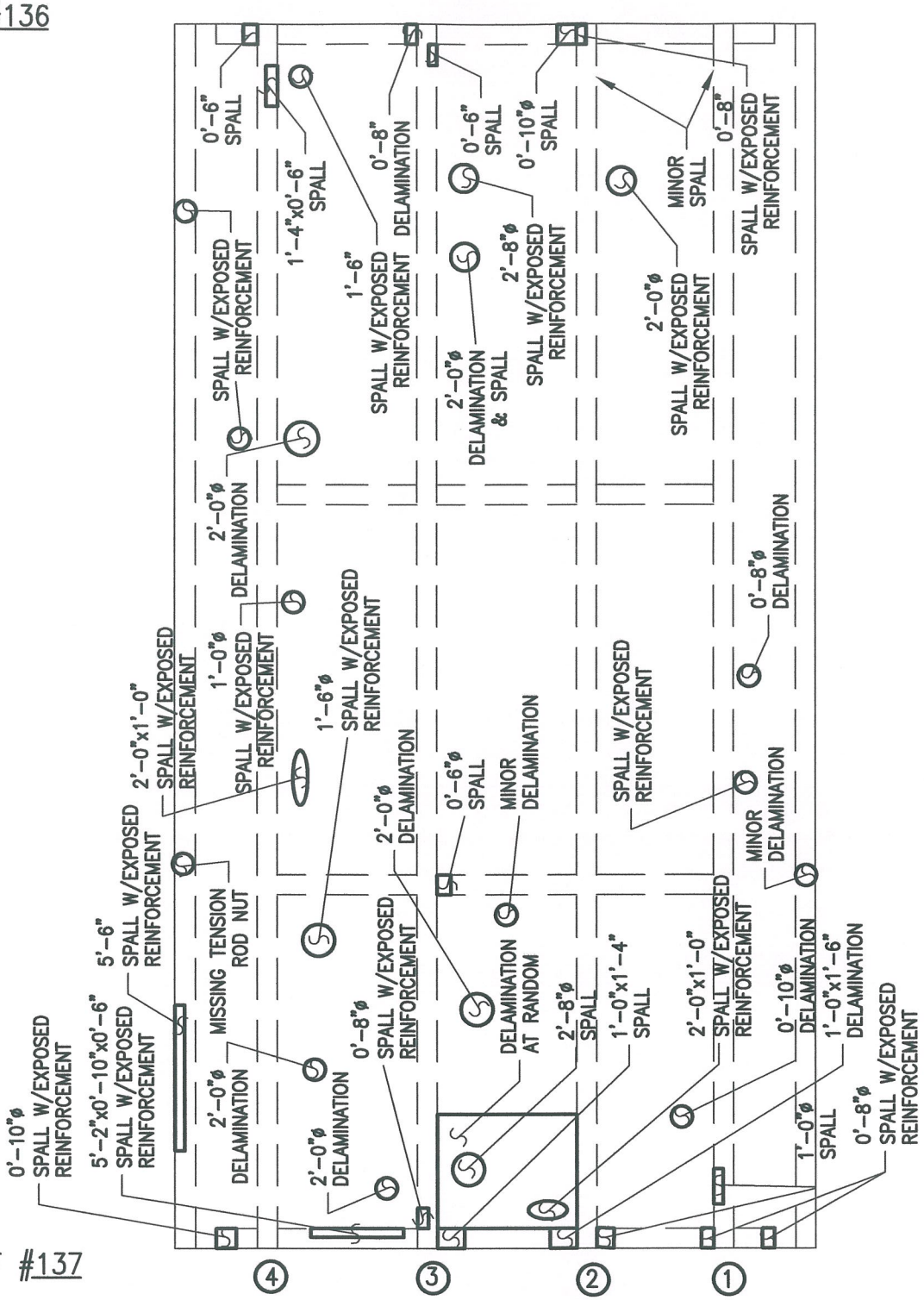

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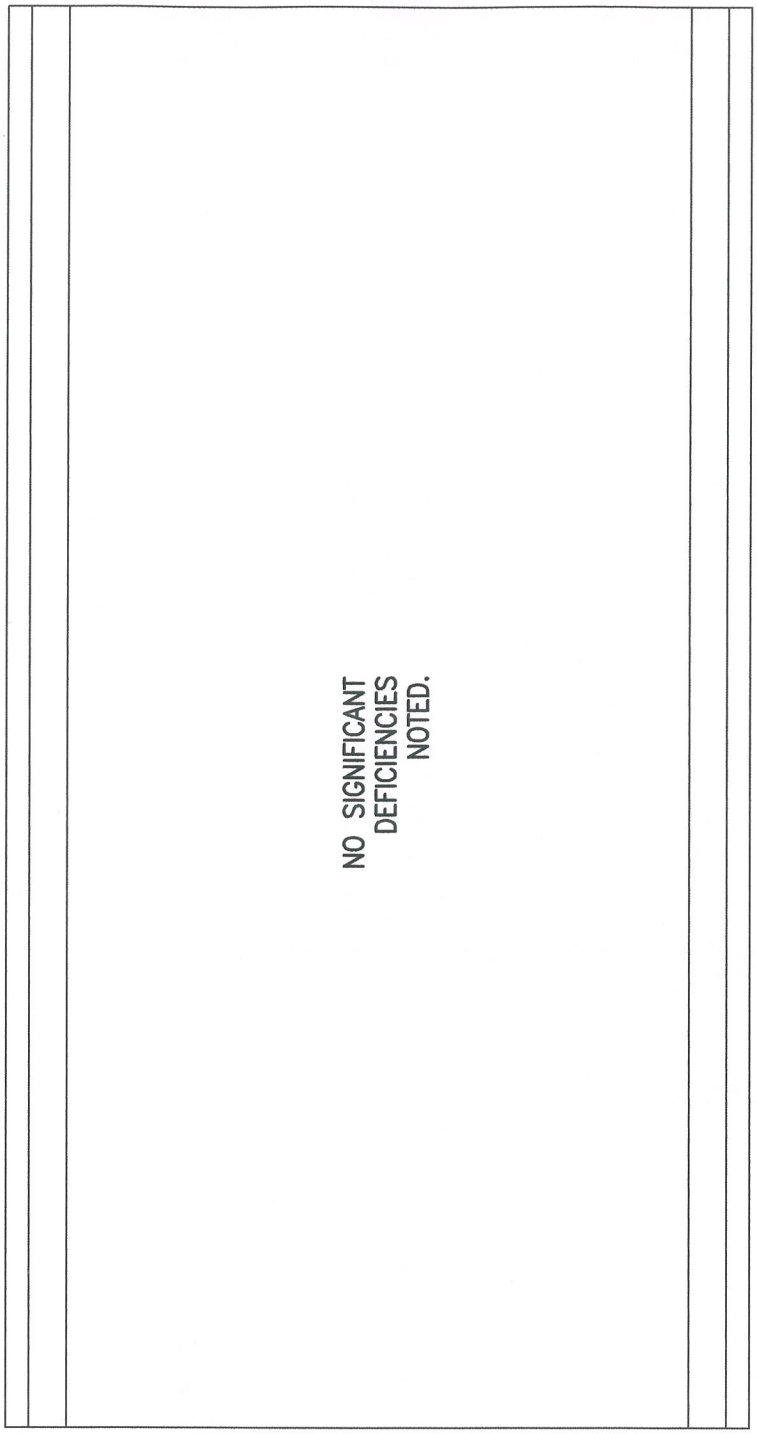
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 17 OF	1347

BENT # 137



BENT # 138

PLAN OF DECK SURFACE

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4911 Green Road Suite 107 Raleigh, NC 27616
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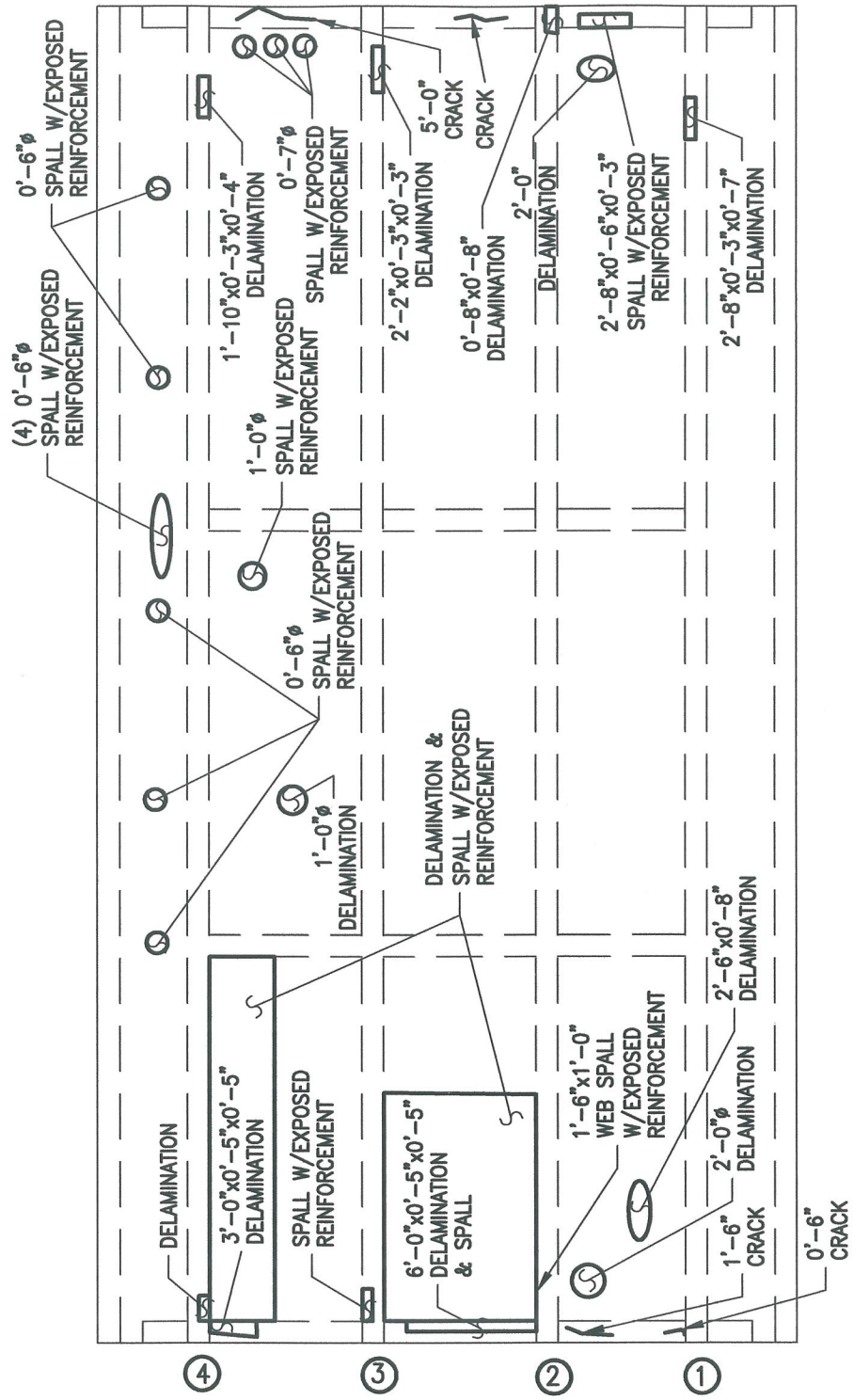
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 9 OF 13	

BENT #137



BENT #138

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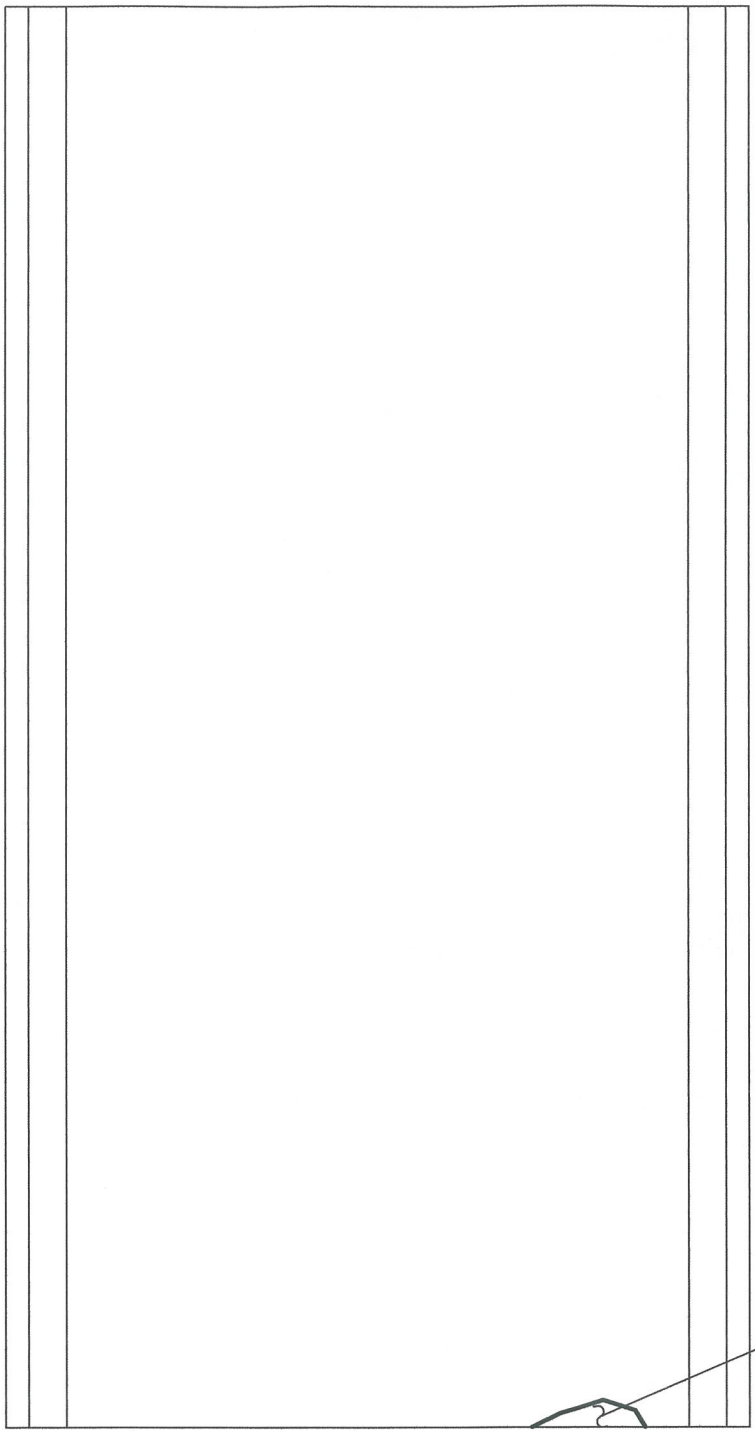
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 23 OF 1347	

BENT # 138



BENT # 139

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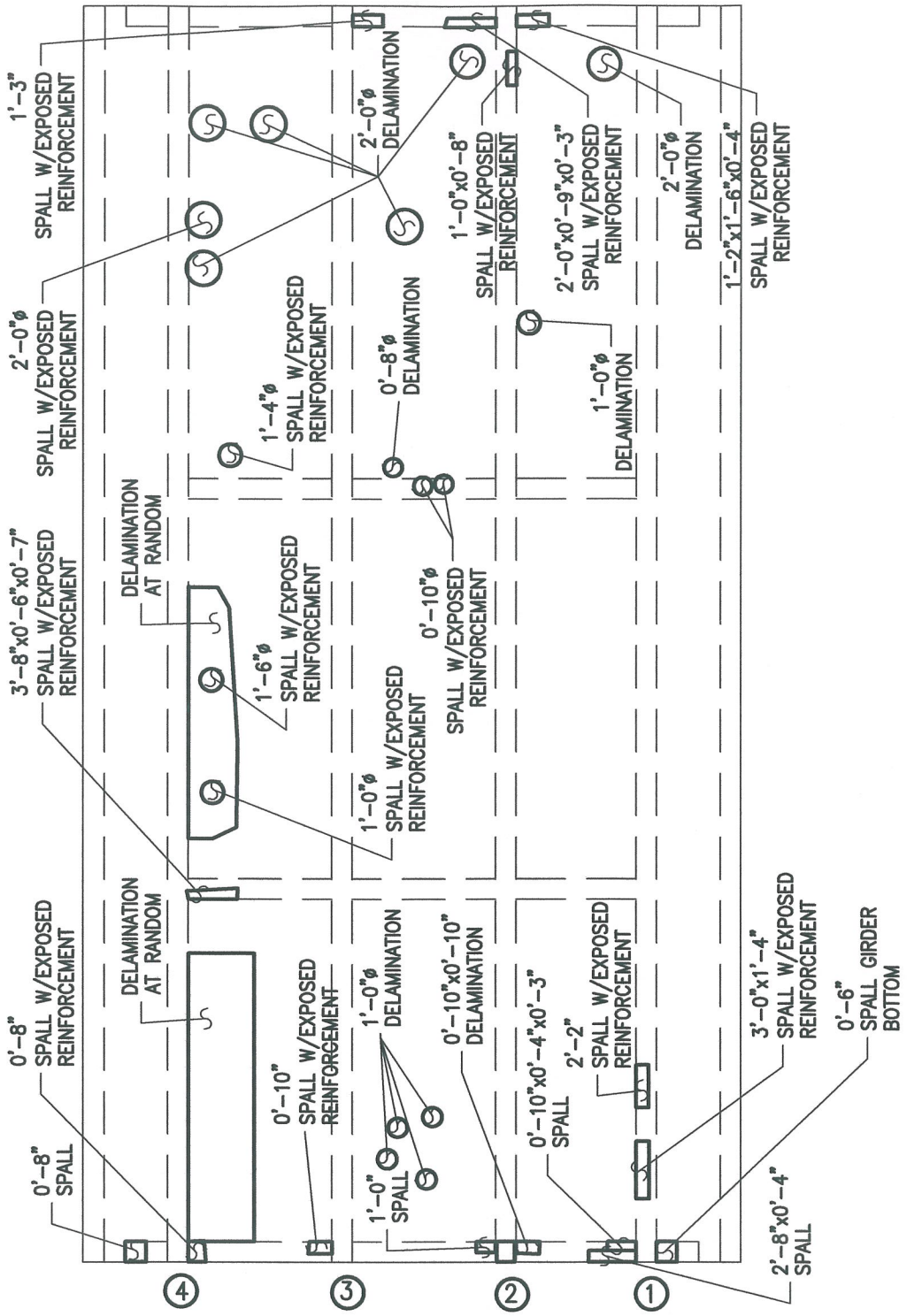
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 126 OF 1347	

BENT #138



BENT #139

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COUNTY:	DARE		
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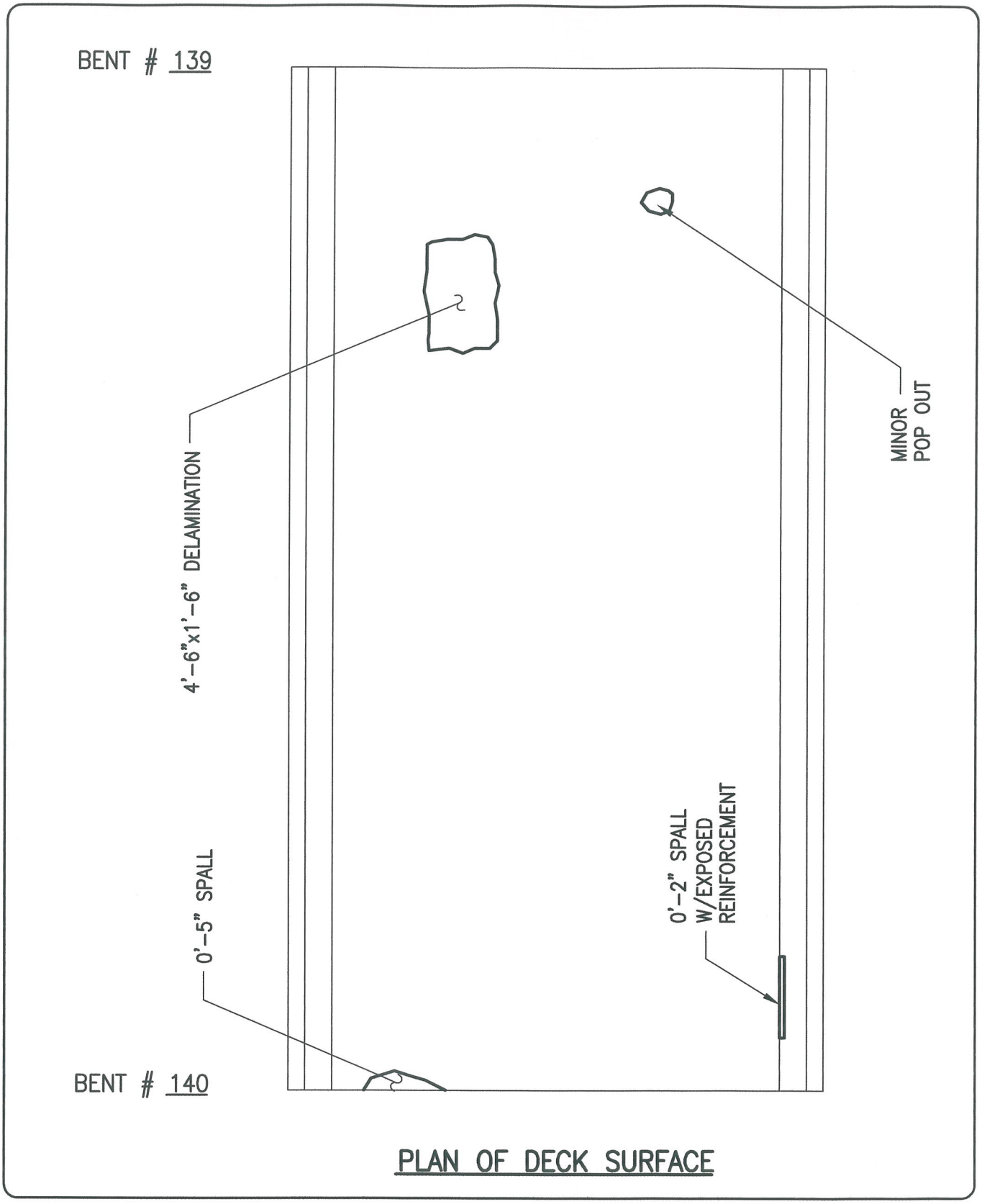
DATE:	6/20/06	SHT 925 OF 1347	



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PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 934 OF 1347	

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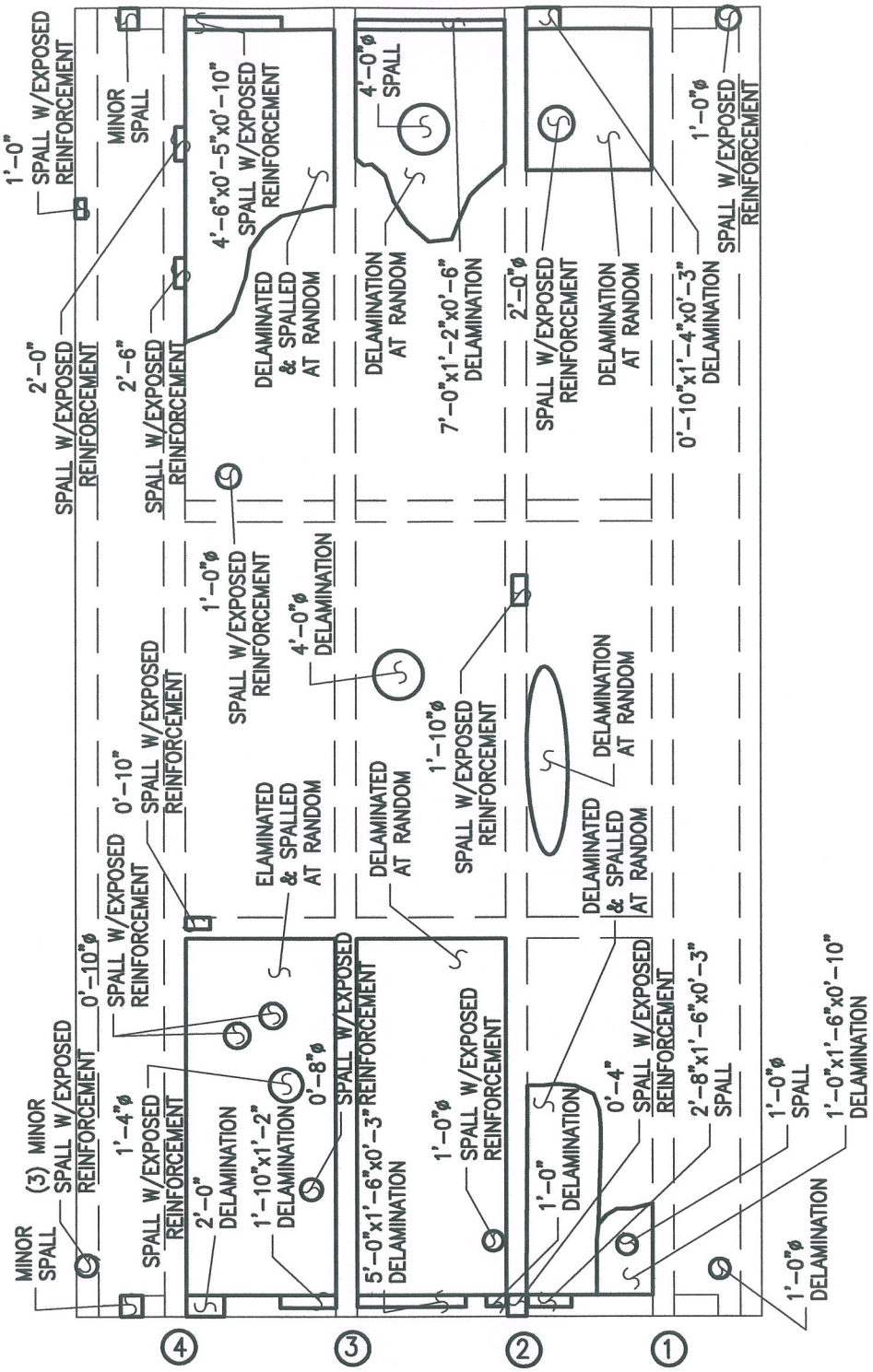

BENT #140

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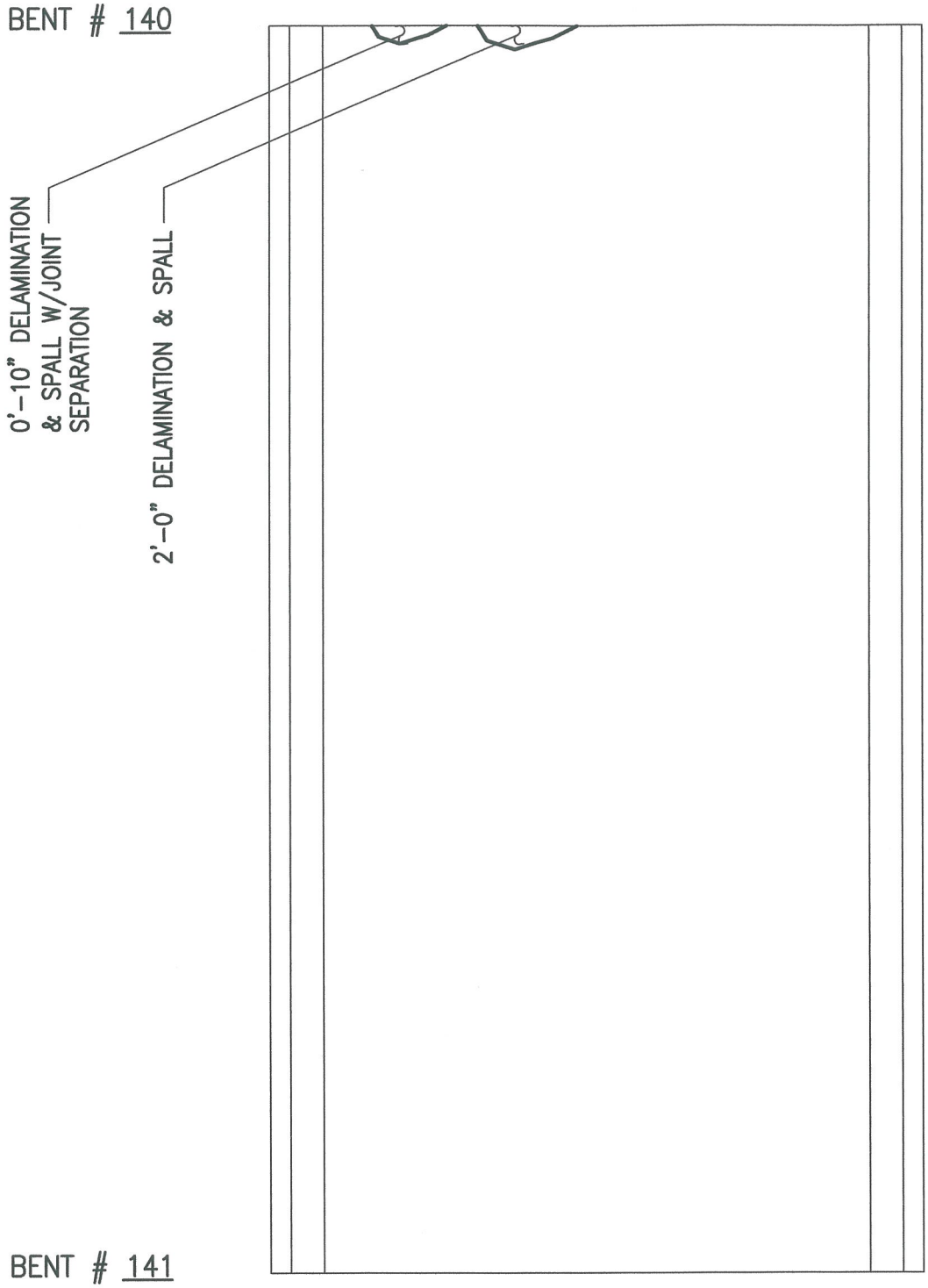
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 935 OF	1347



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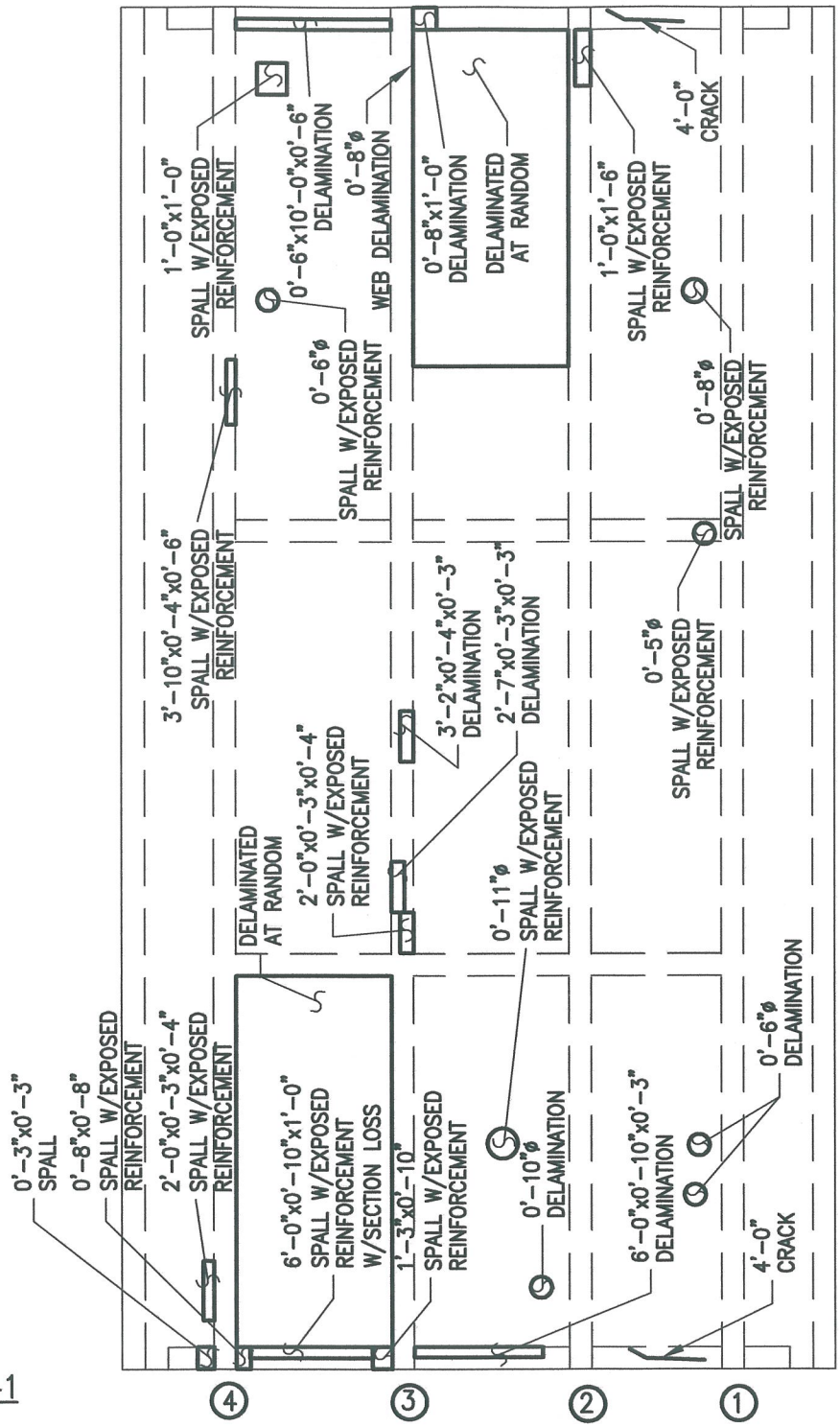
DATE:	6/20/06	SHT 940 OF 1347	

BENT #140



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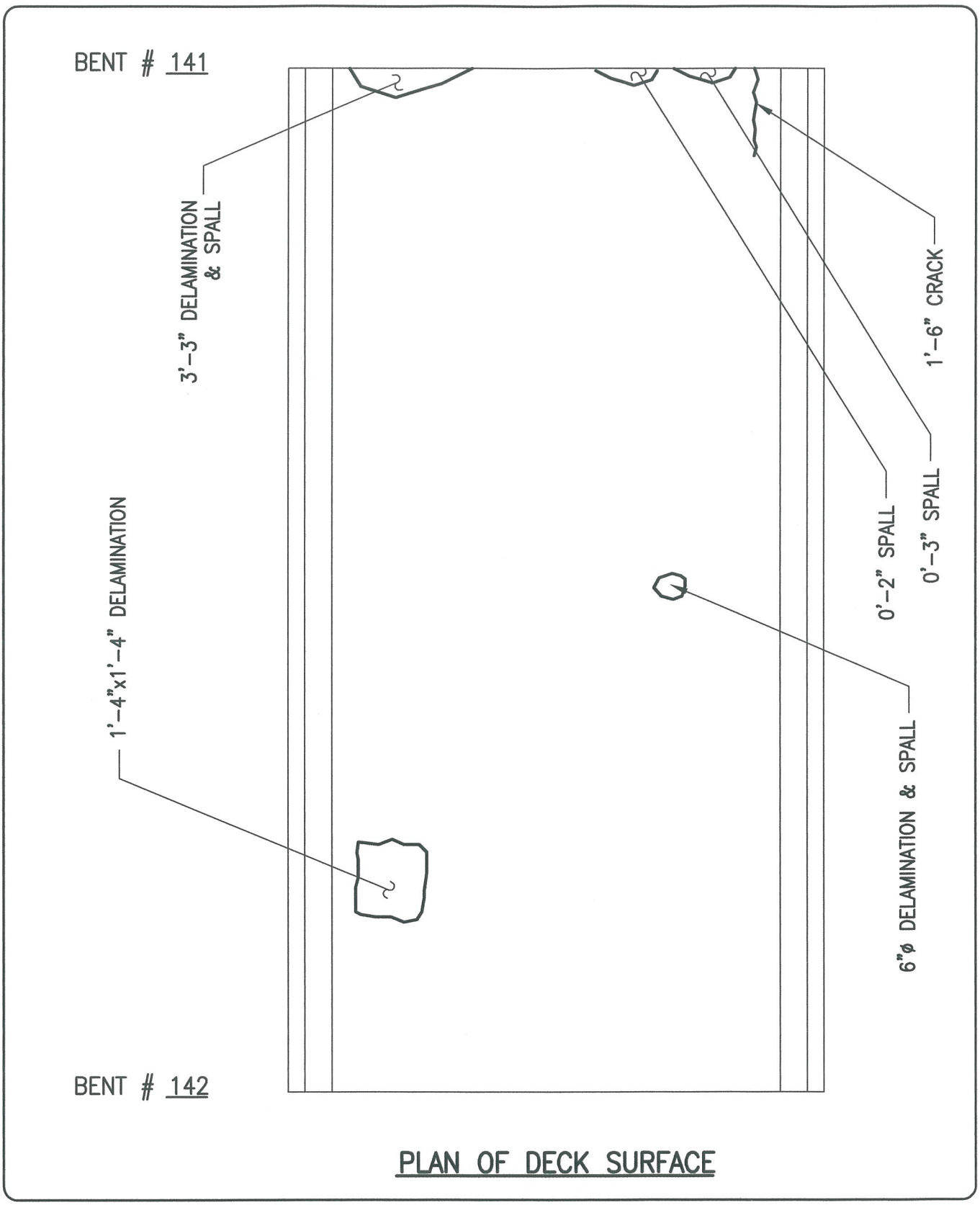

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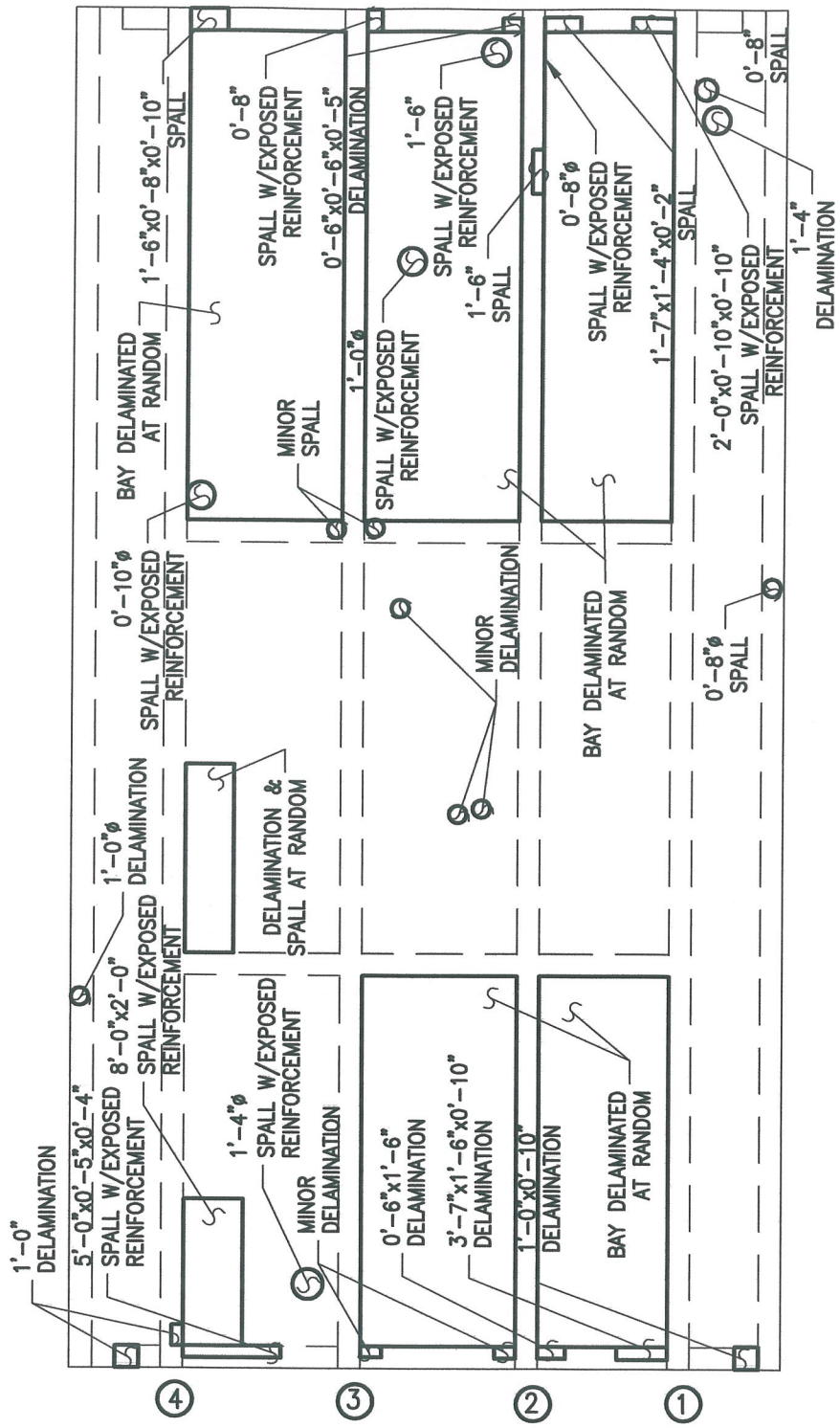
DATE:	6/20/06	SHT 946 OF 1347	

BENT #141



BENT #142

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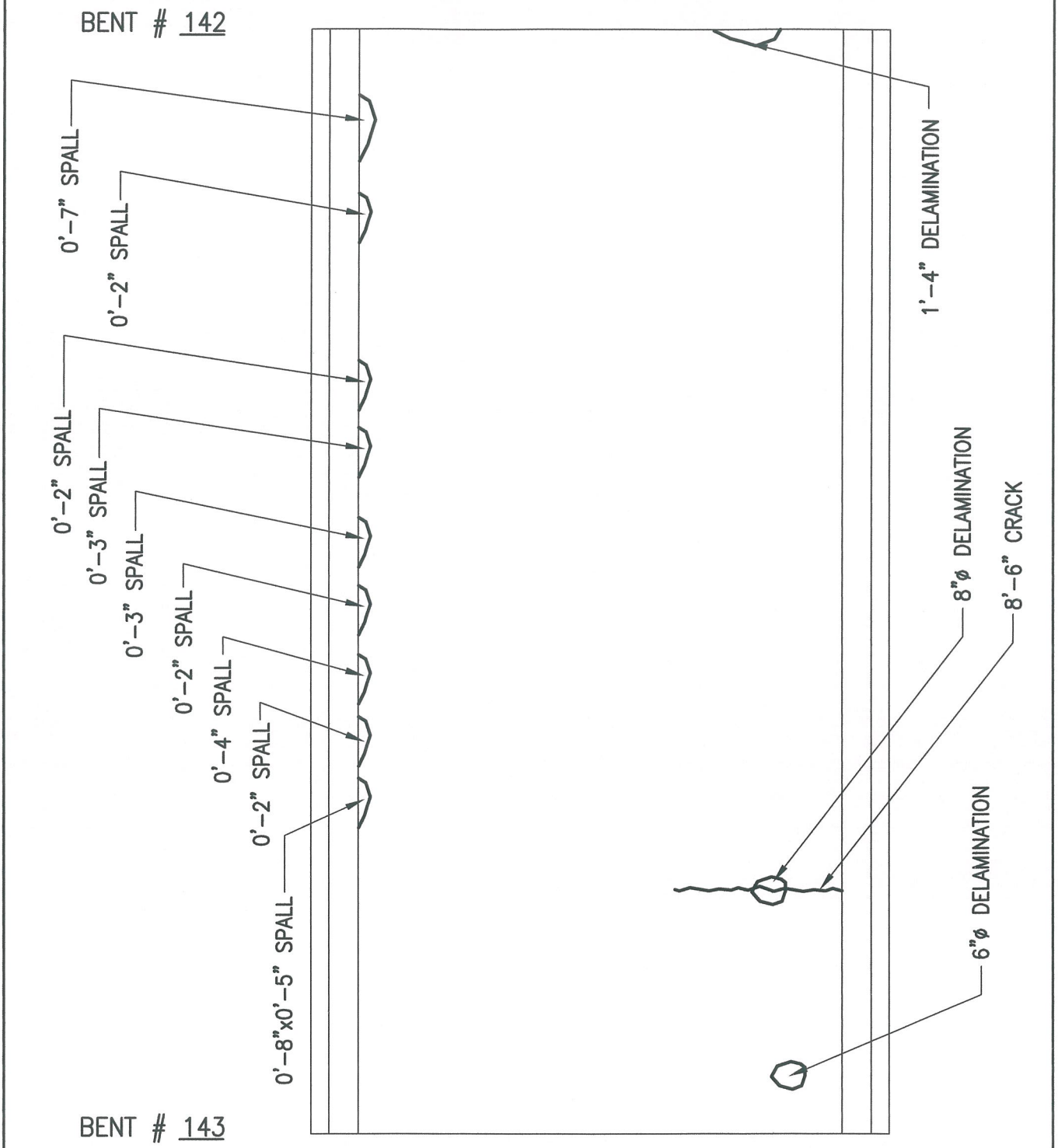
DATE:	6/20/06	SHT 947 OF 1347	



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SCALE:	NTS		
DATE:	6/20/06	SHT 952 OF 1347	

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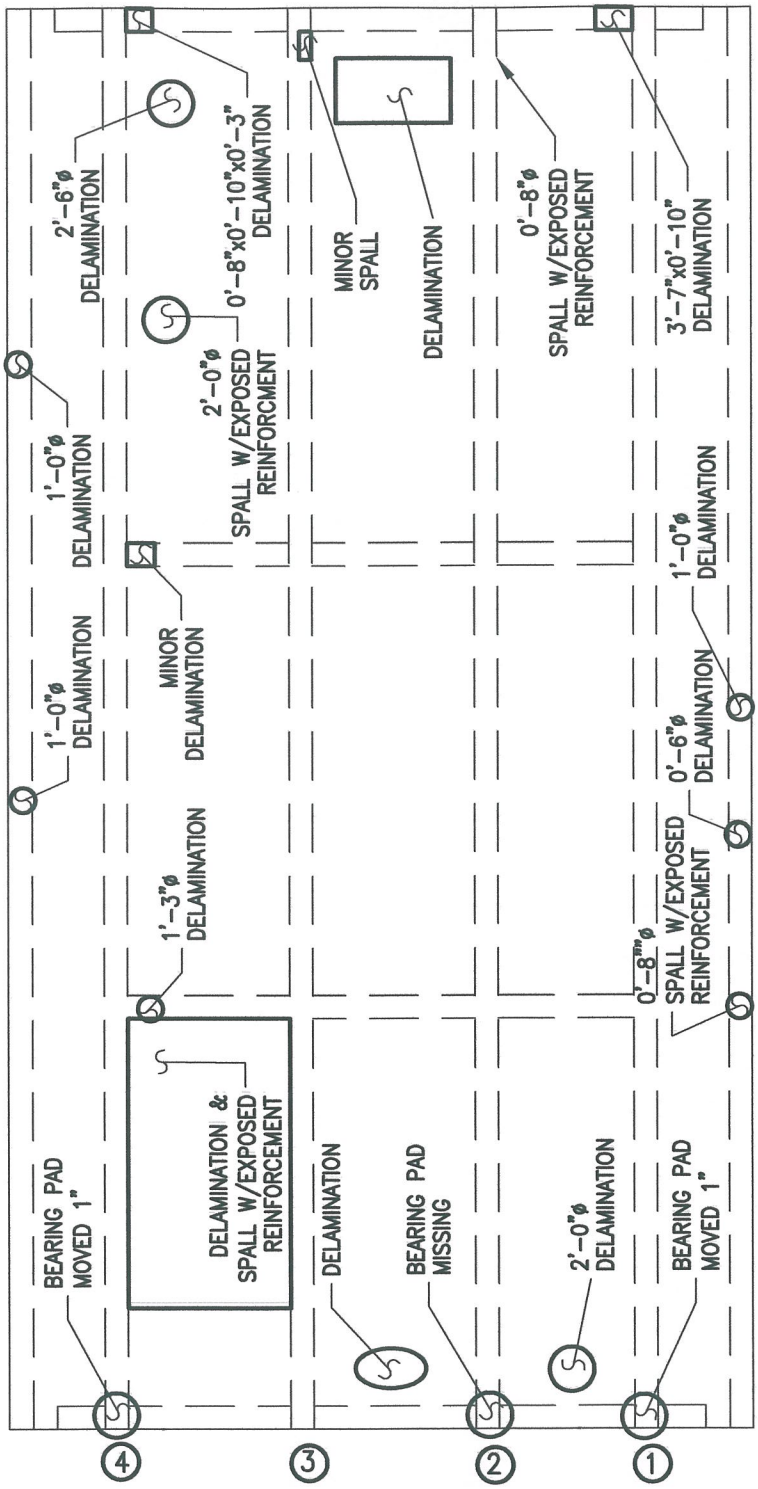

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COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
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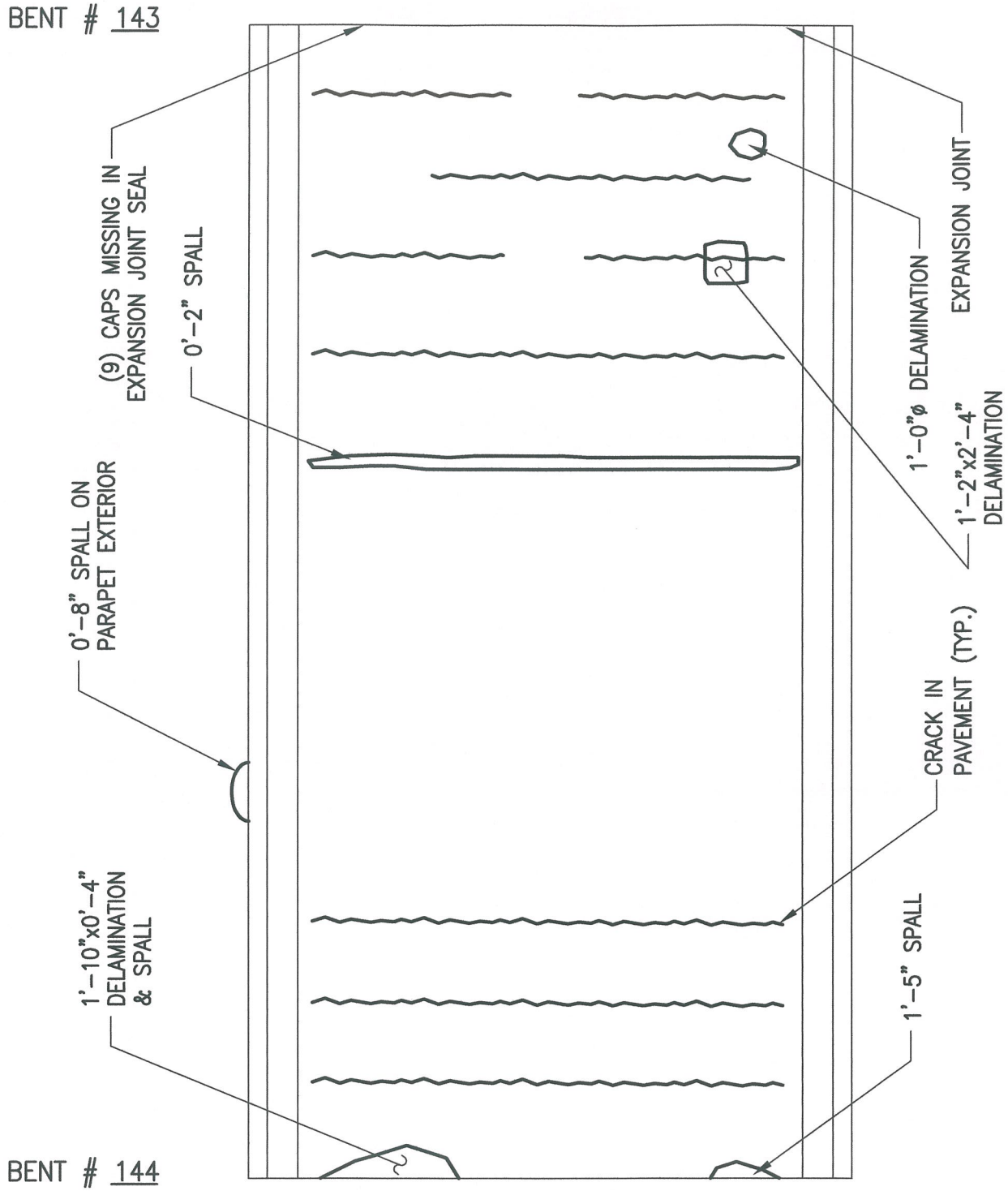
DATE:	6/20/06	SHT 953 OF 1347	



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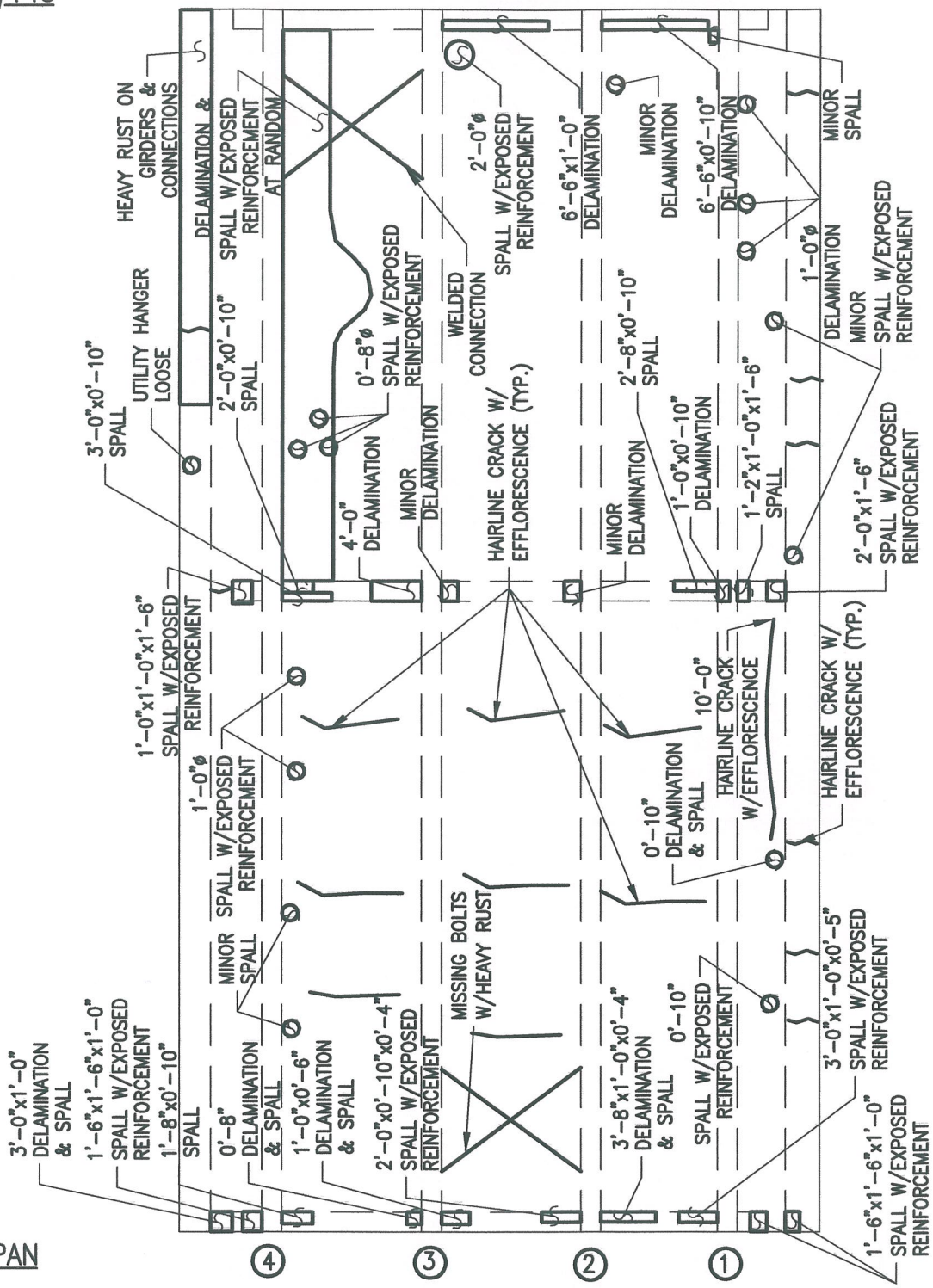
DATE:	6/20/06	SHT 958 OF 1347	

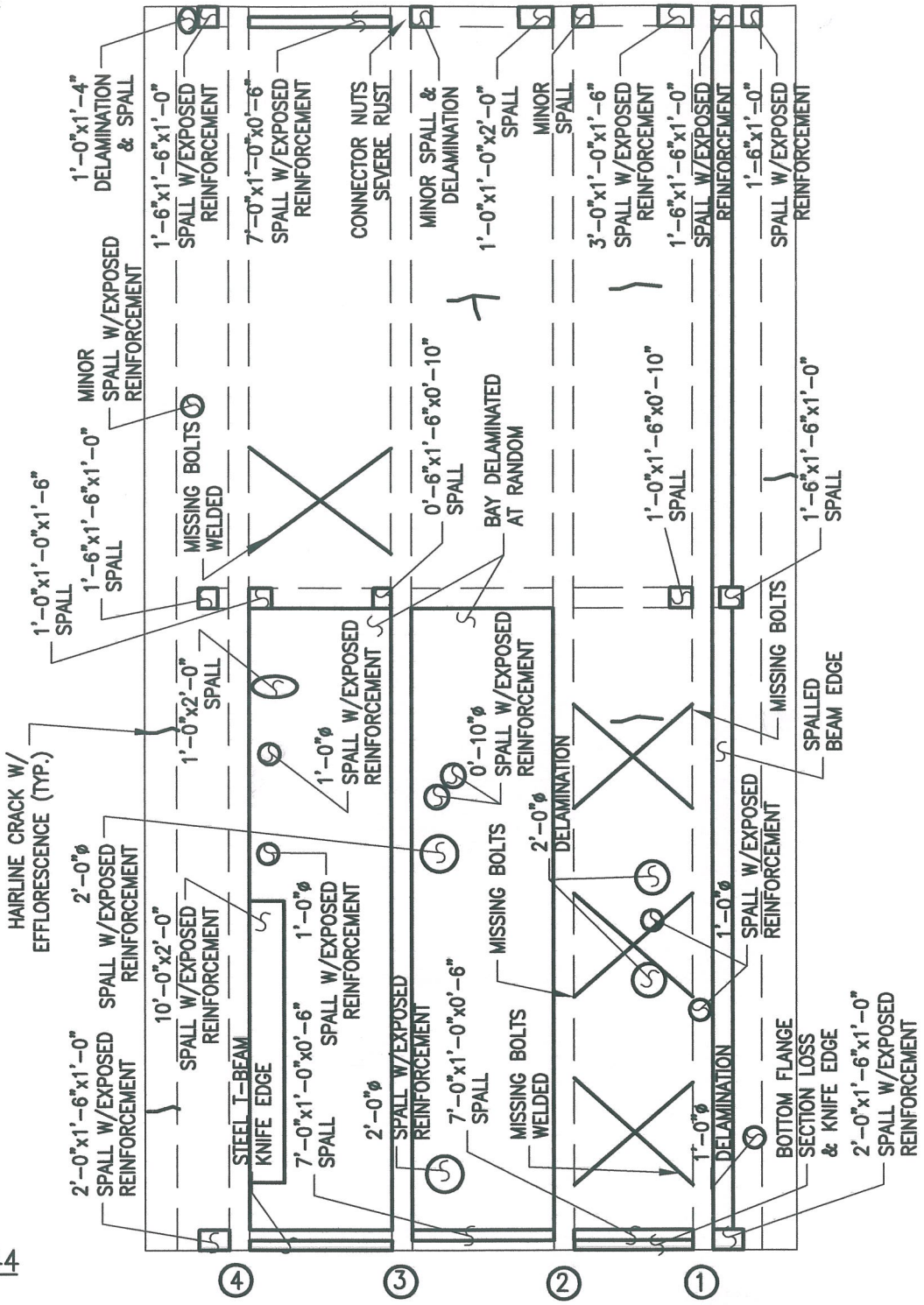
BENT #143



PLAN OF DECK UNDERSIDE-STEEL

ALPHA & OMEGA GROUP
CIVIL & STRUCTURAL ENGINEERS
4911 Green Road Suite 107 Raleigh, NC 27616
Phone 919 981 0310 Fax 919 981 0451
Email info@aogroup.com www.aogroup.com

BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 159 OF 1347	



PLAN OF DECK UNDERSIDE-STEEL

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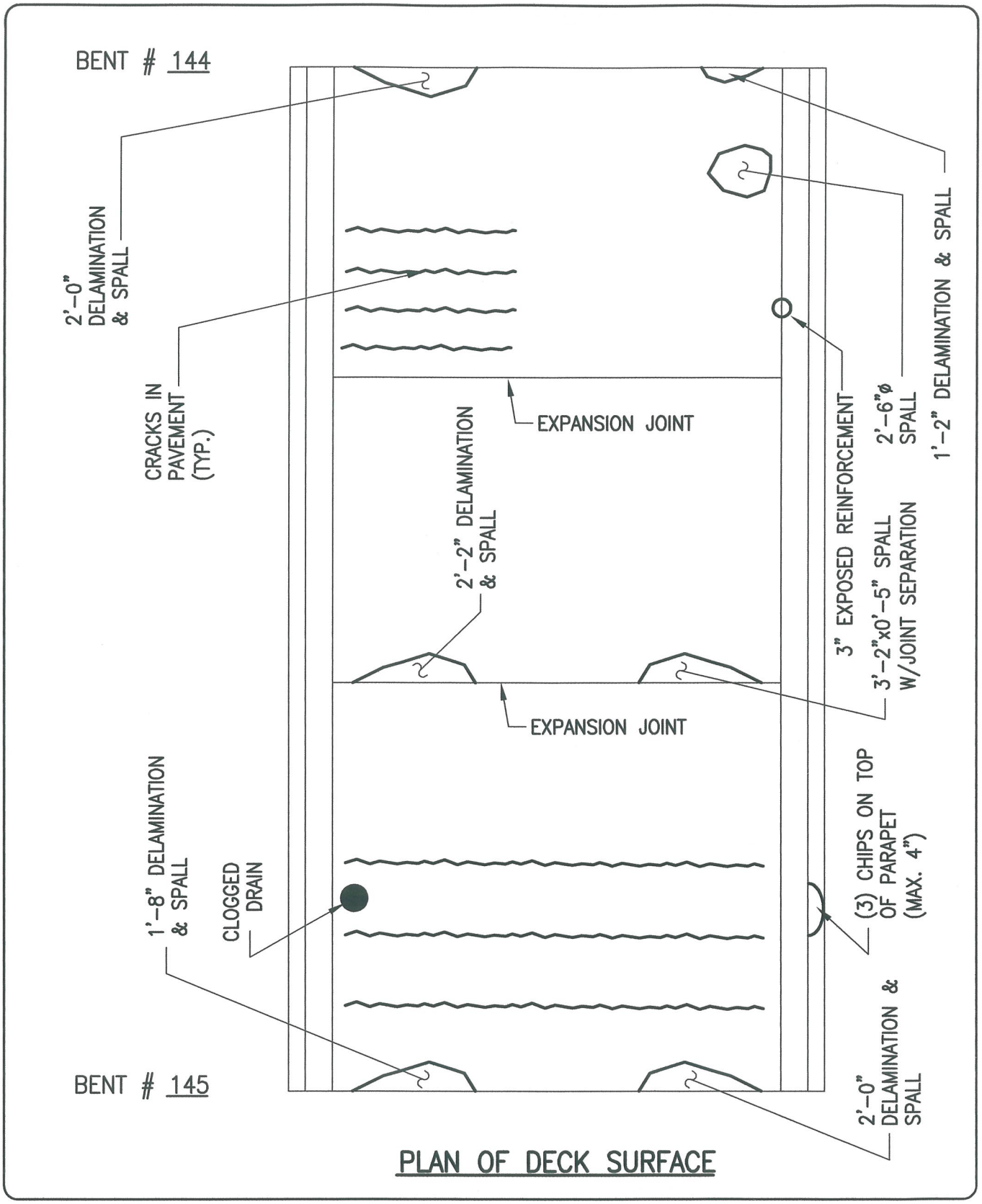
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 960 OF 1347	



PLAN OF DECK SURFACE

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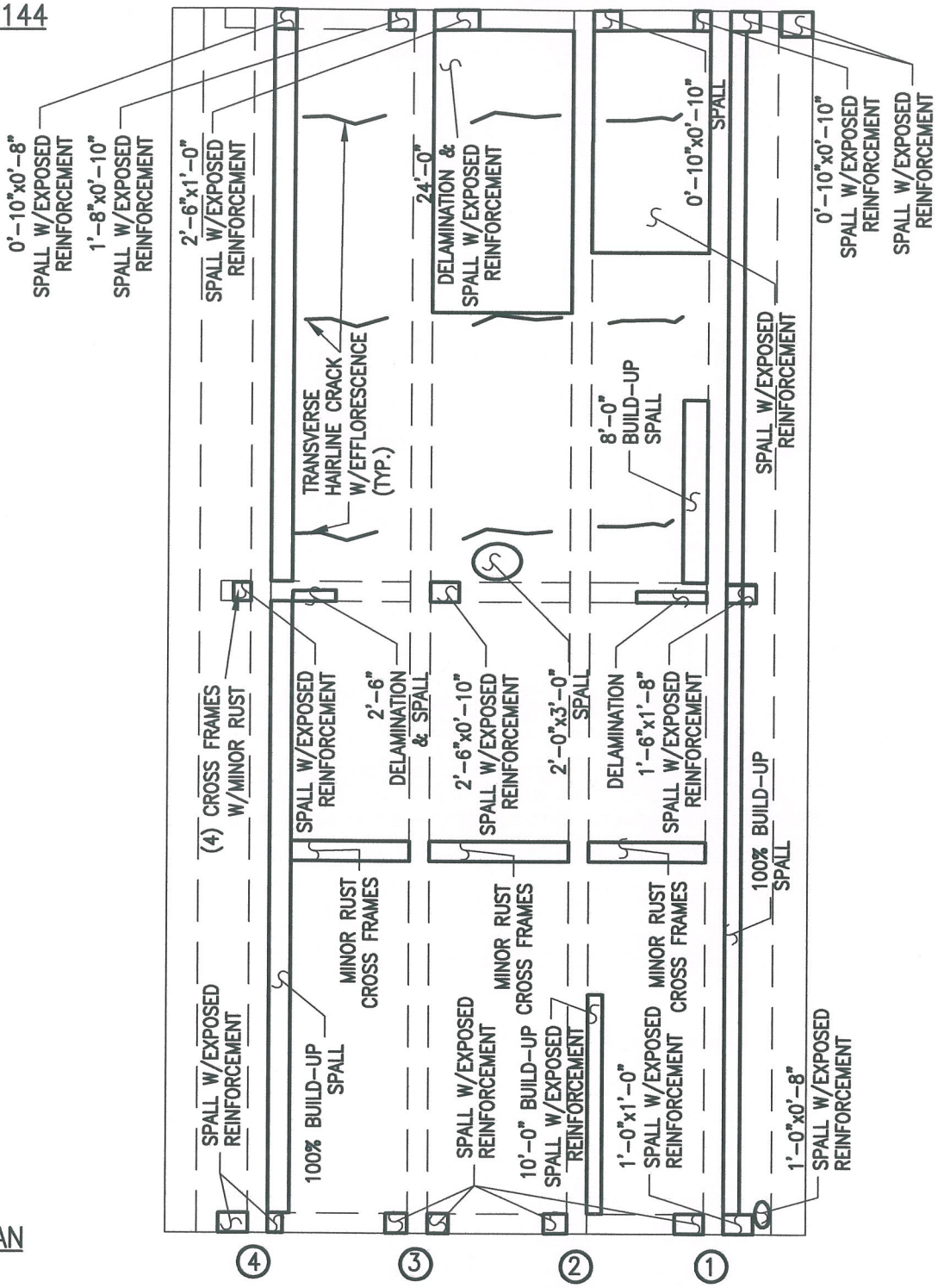
SCALE:	NTS		
DATE:	6/20/06	SHT 9 OF 13	

BENT #144



GENERAL NOTES:
1. HEX HEAD OF BOLTS FOR X-FRAMES SOME SECTION LOSS
2. NUT SPLICE PLATES FOR GIRDER #3, 4 LIGHT PACK RUST
3. MINOR SECTION LOSS ON BOLT HEADS UNDER GIRDER WITH LIGHT PACK RUST
4. SPLICE PLATE BOTTOM FOR GIRDER #4, #1

MID-SPAN

PLAN OF DECK UNDERSIDE-STEEL

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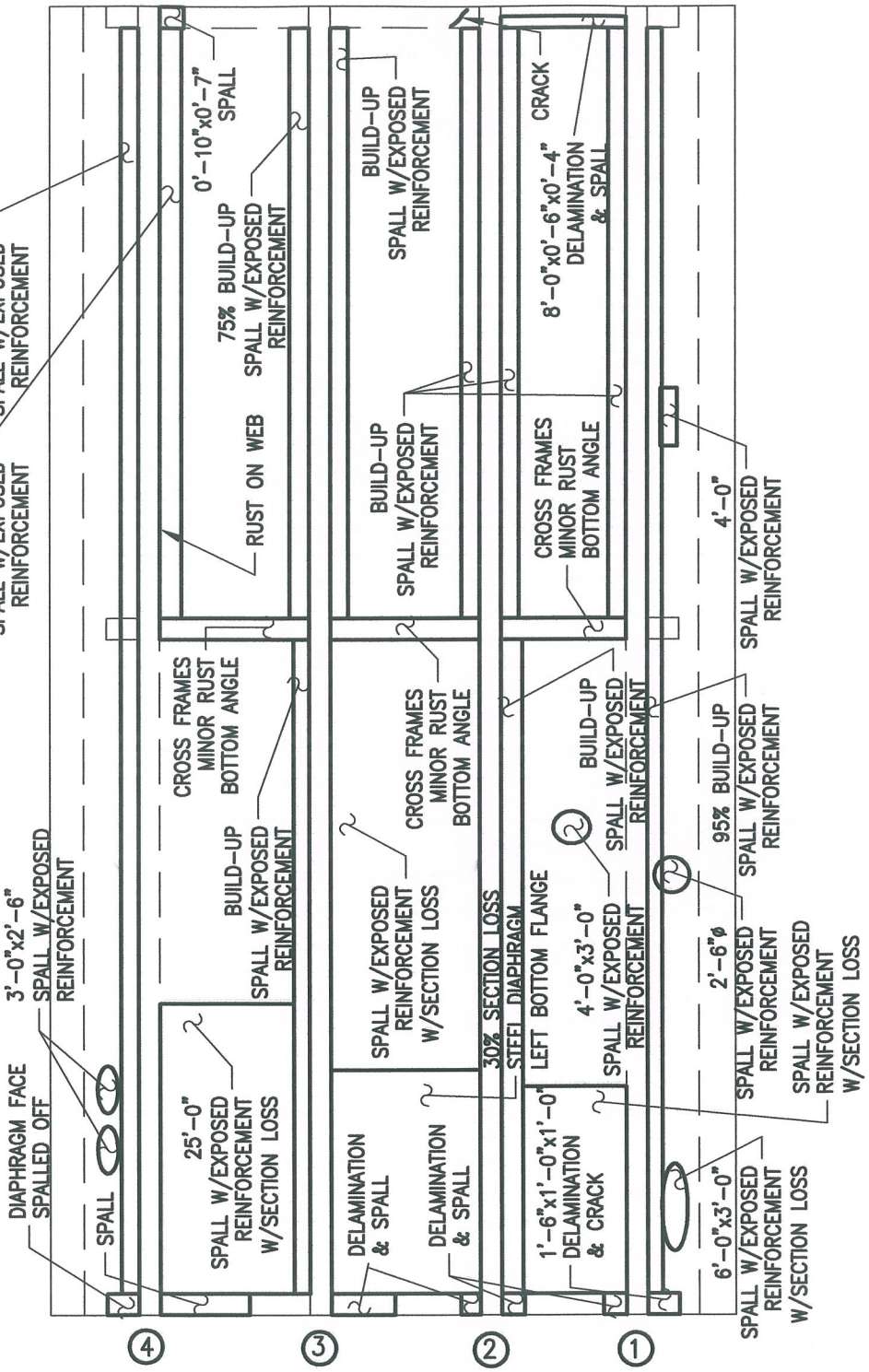
MID-SPAN

GENERAL NOTES:
1. ROCKER ASSEMBLY MINOR RUST, BOTTOM FLANGE SPLICE
2. CROSS FRAMES MINOR RUST W/LIGHT SCALING, MINOR RUST ON GIRDER AT BEARING #1,2,3,4
3. TOP FLANGE OF GIRDER MINOR RUST BUILD-UP
4. LATERAL BRACE HEAVY RUST AT GUSSETT PLATE, X-FRAME BRACING

BENT #145



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COUNTY:	DARE		
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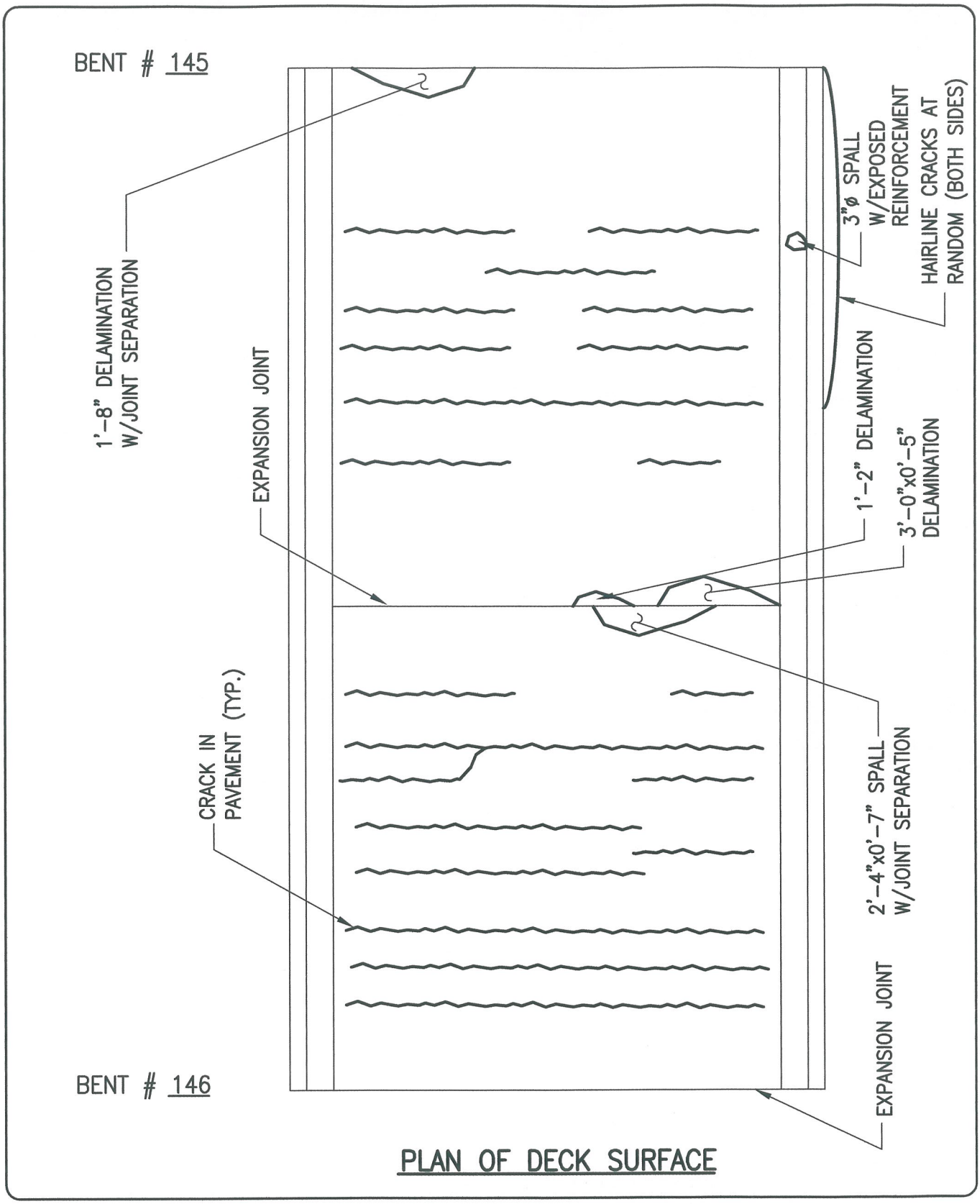
SCALE:	NTS		
DATE:	6/20/06	SHT 9C7 OF 1347	



PLAN OF DECK SURFACE

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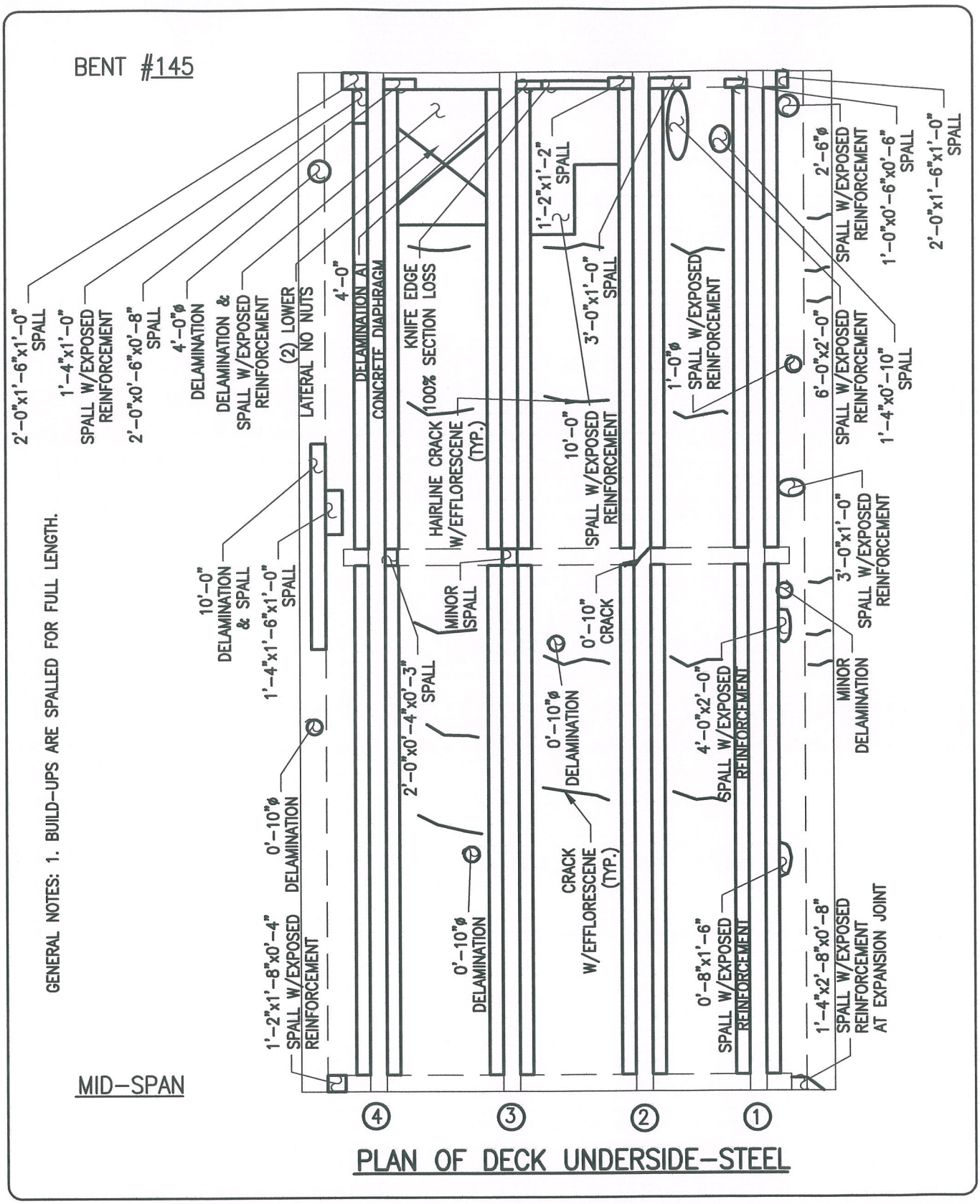
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 972 OF 1347	



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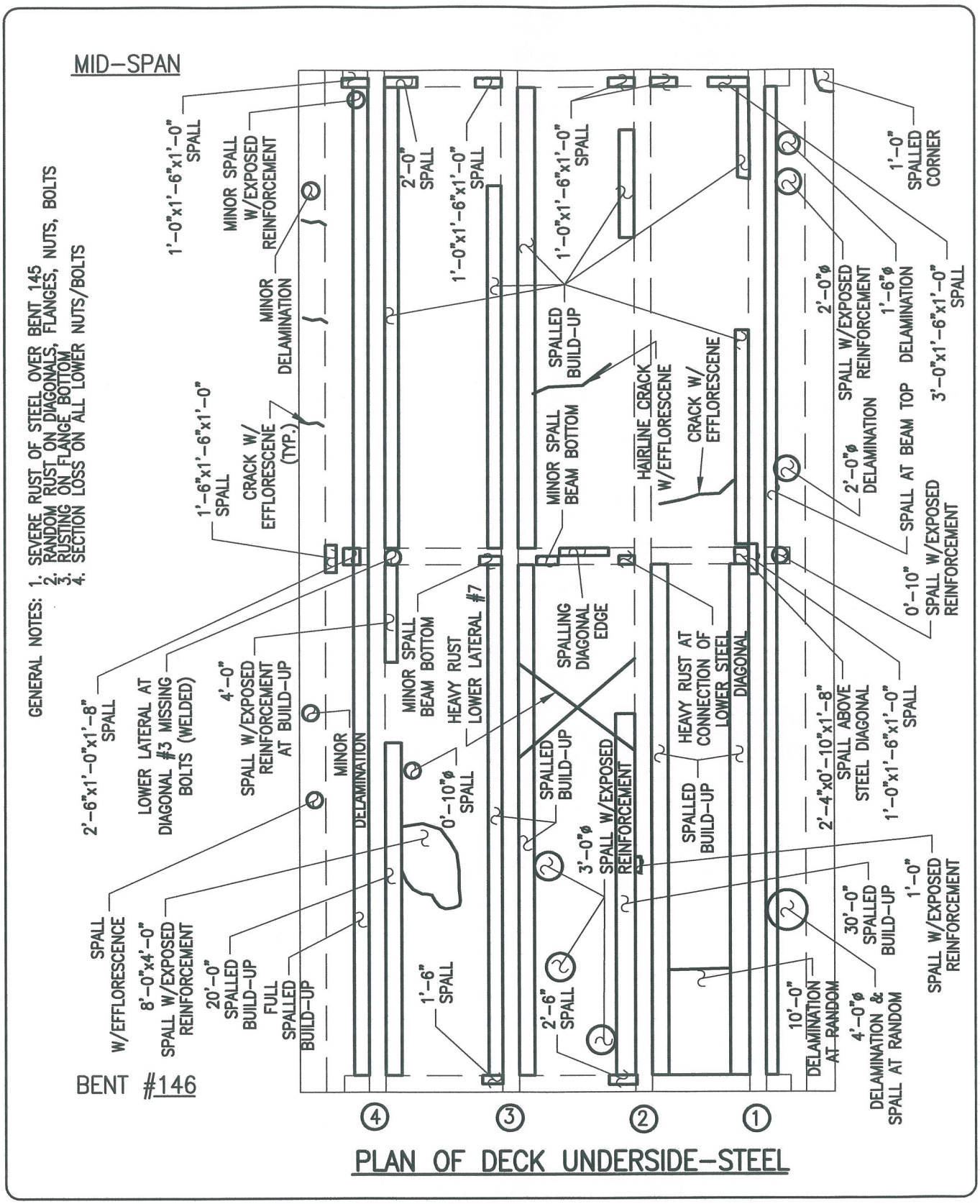
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 973 OF 1347	



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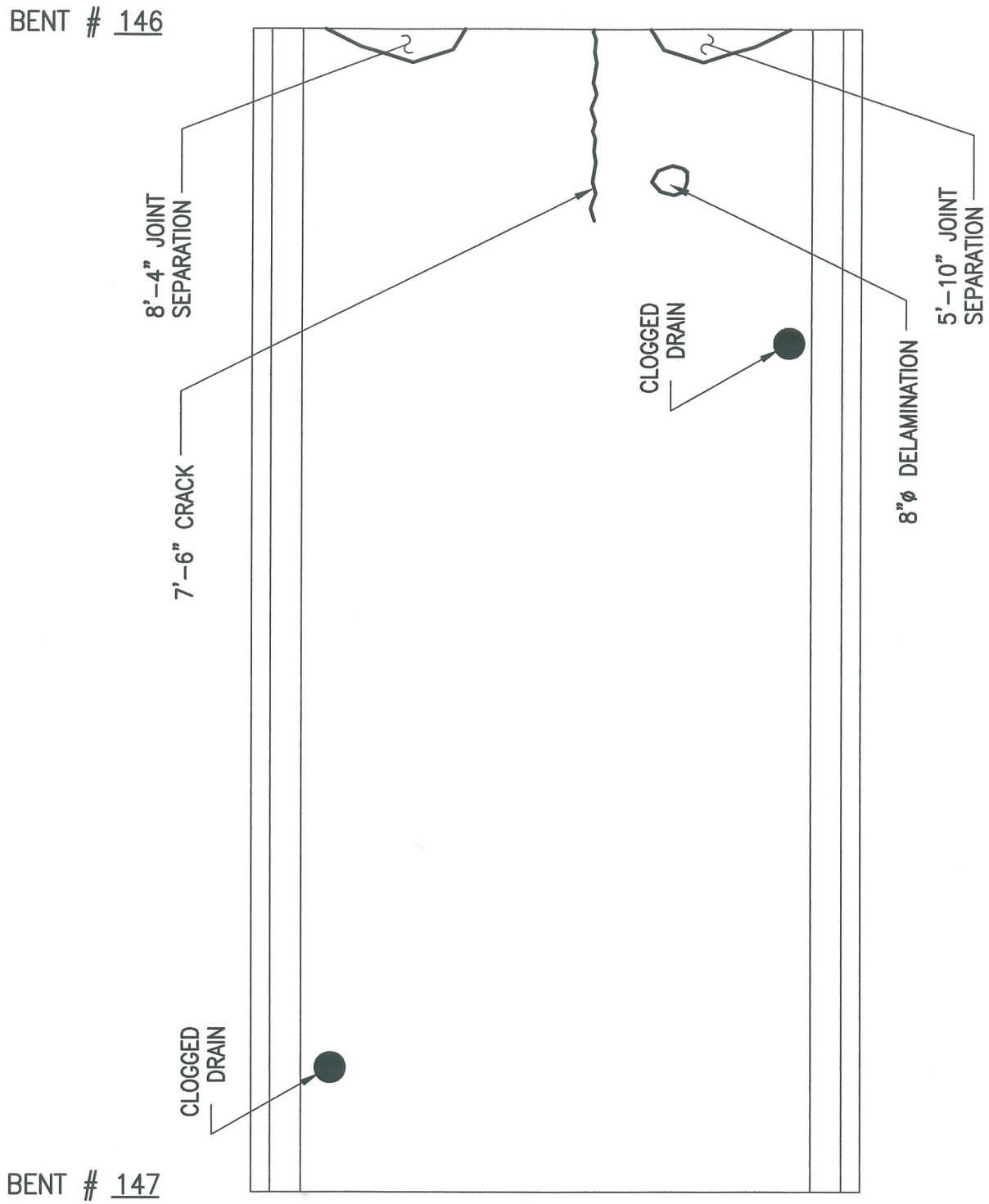
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 924 OF 1347	



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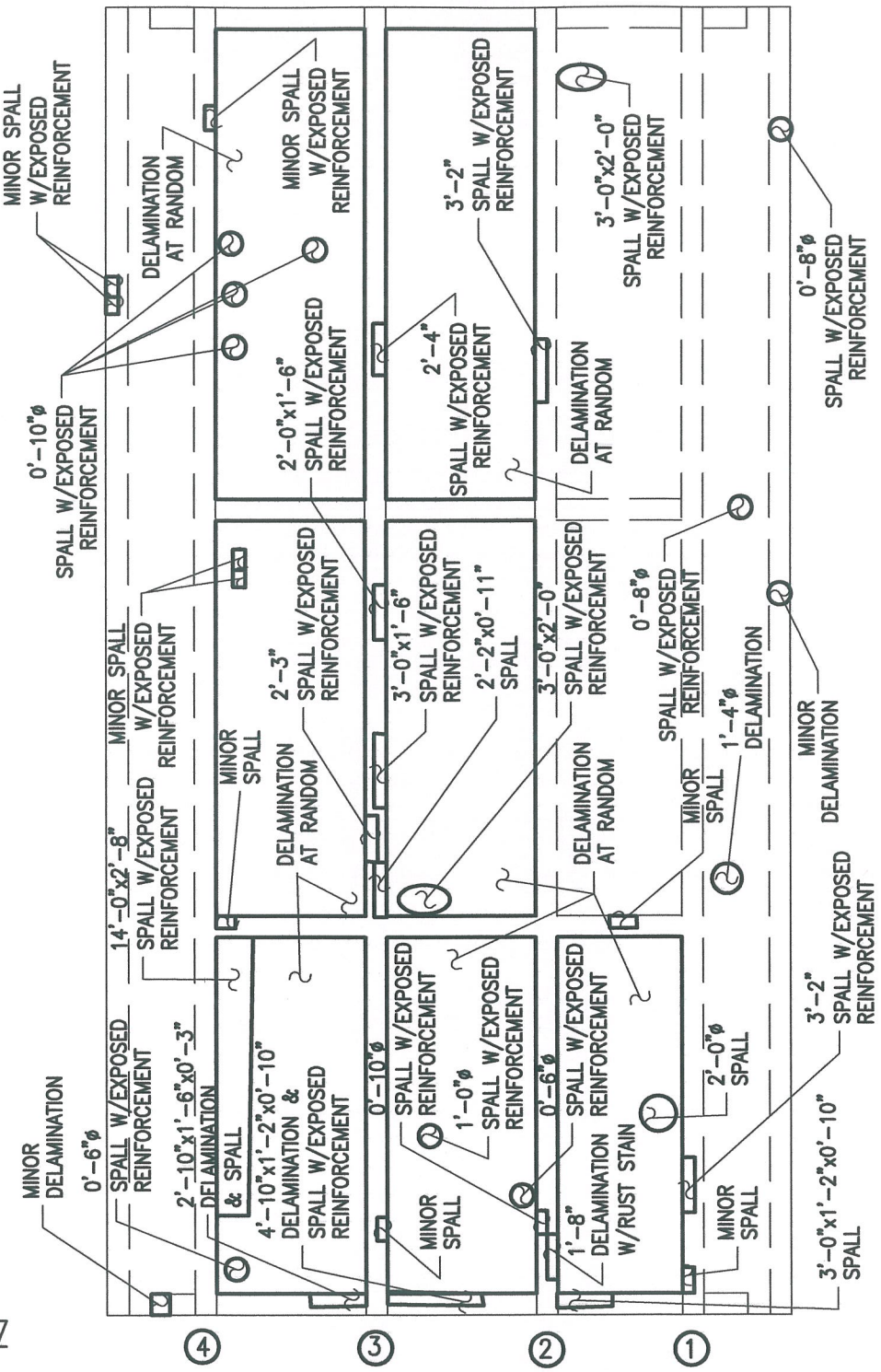
DATE:	6/20/06	SHT 979 OF 1347	

BENT #146



BENT #147

PLAN OF DECK UNDERSIDE

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COUNTY:	DARE		
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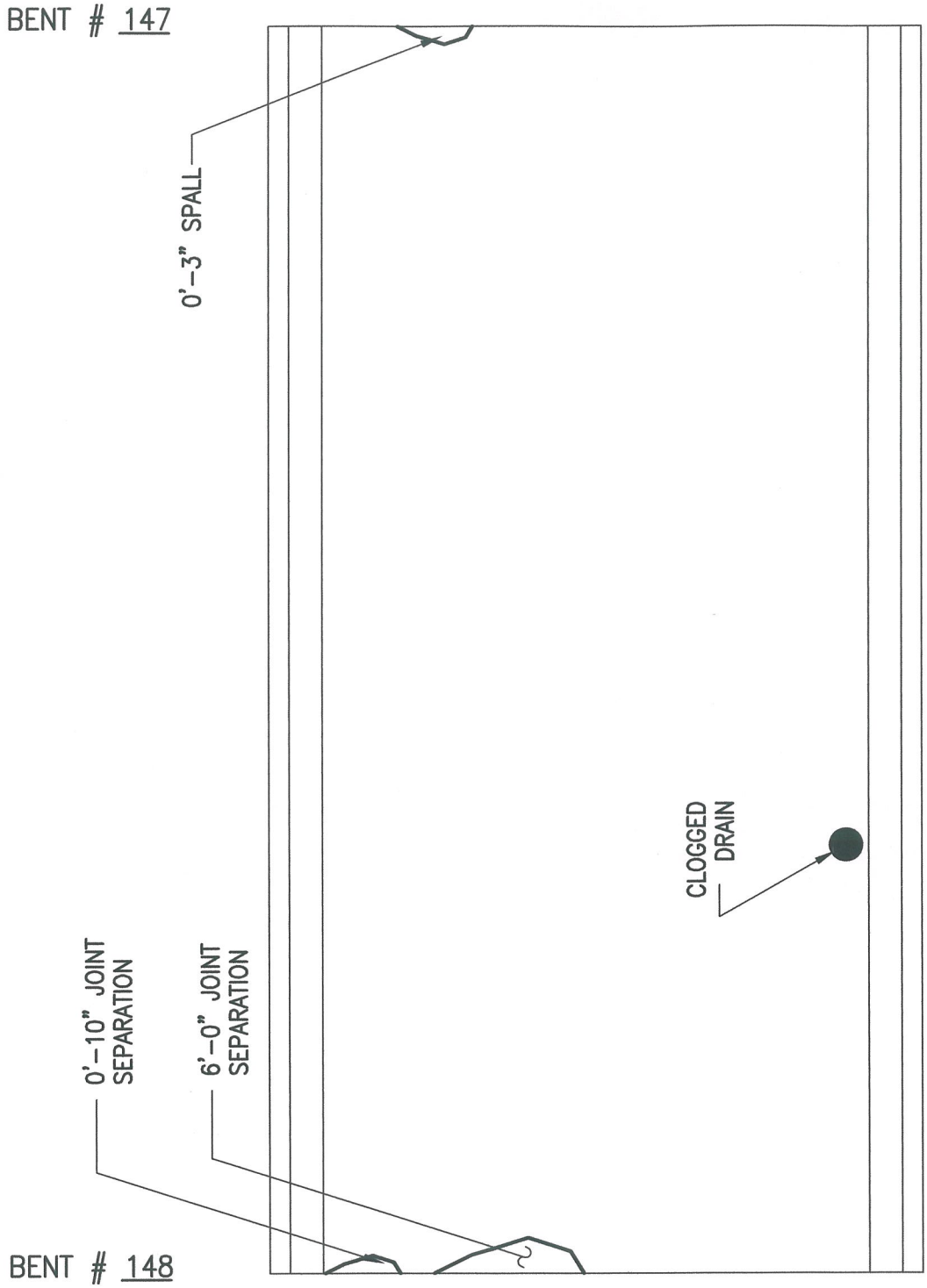
SCALE:	NTS		
DATE:	6/20/06	SHT 980 OF 1347	



PLAN OF DECK SURFACE

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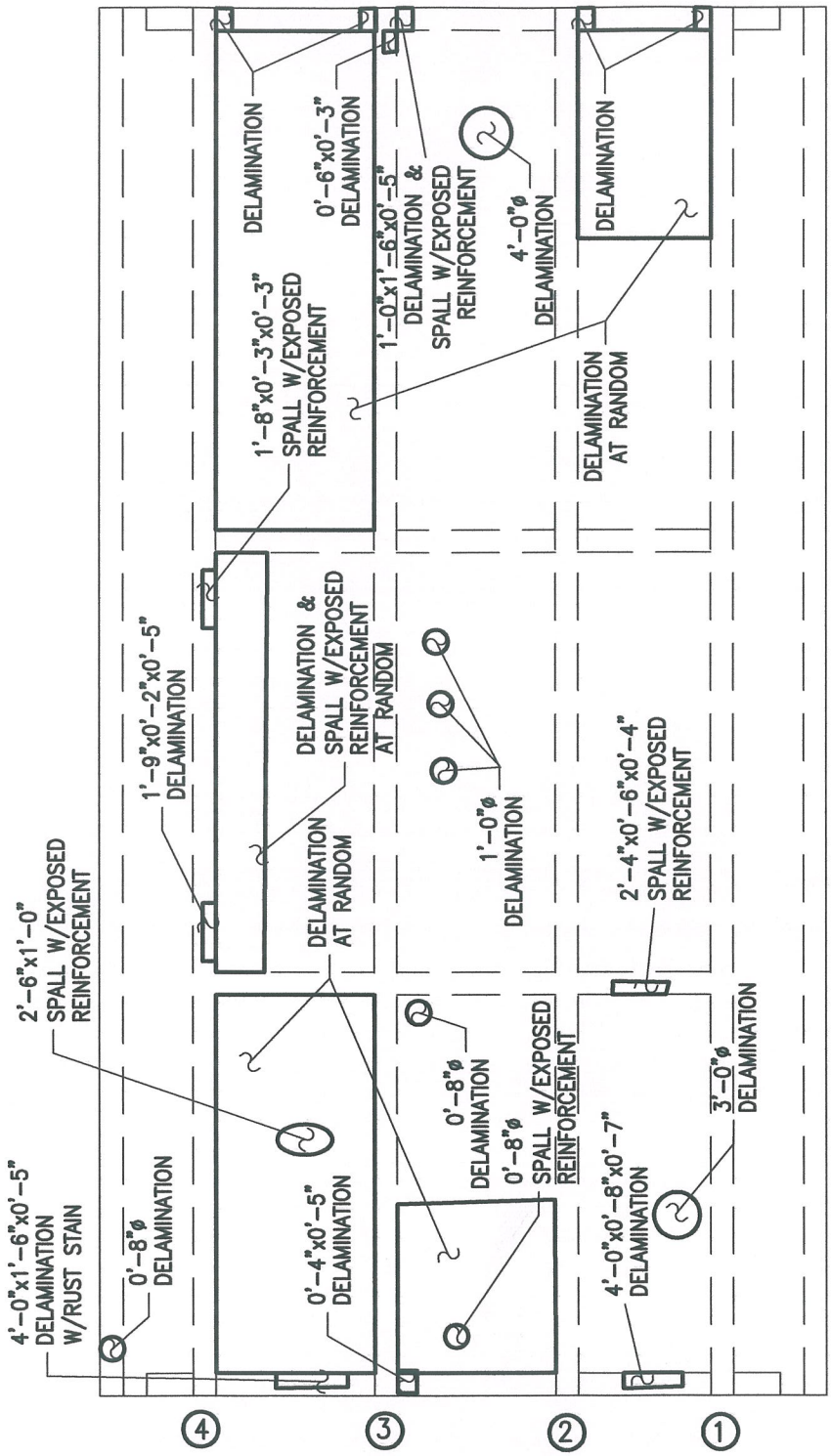
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 966 OF 1347	

BENT #147



BENT #148

PLAN OF DECK UNDERSIDE

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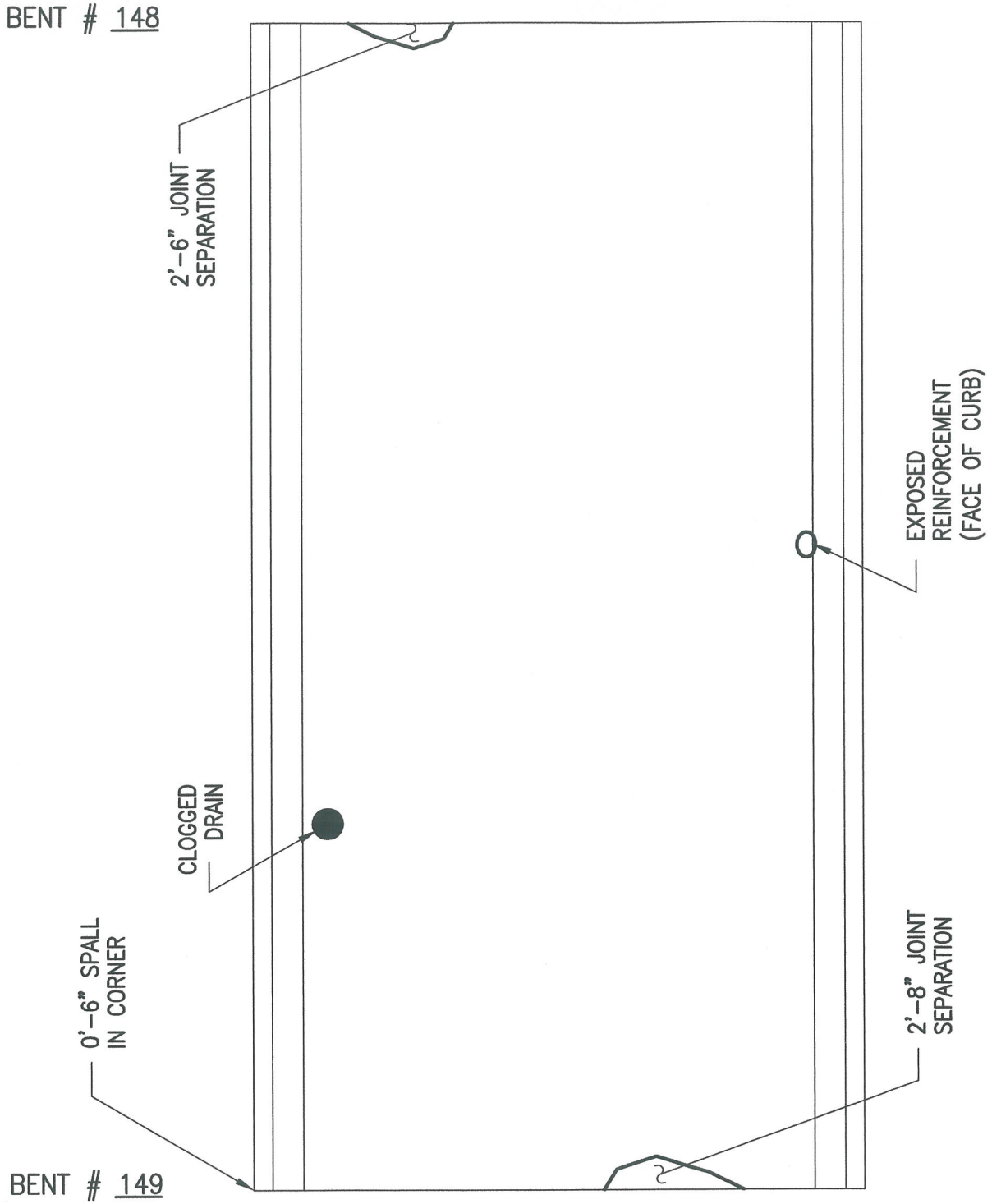
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 986 OF 1347	



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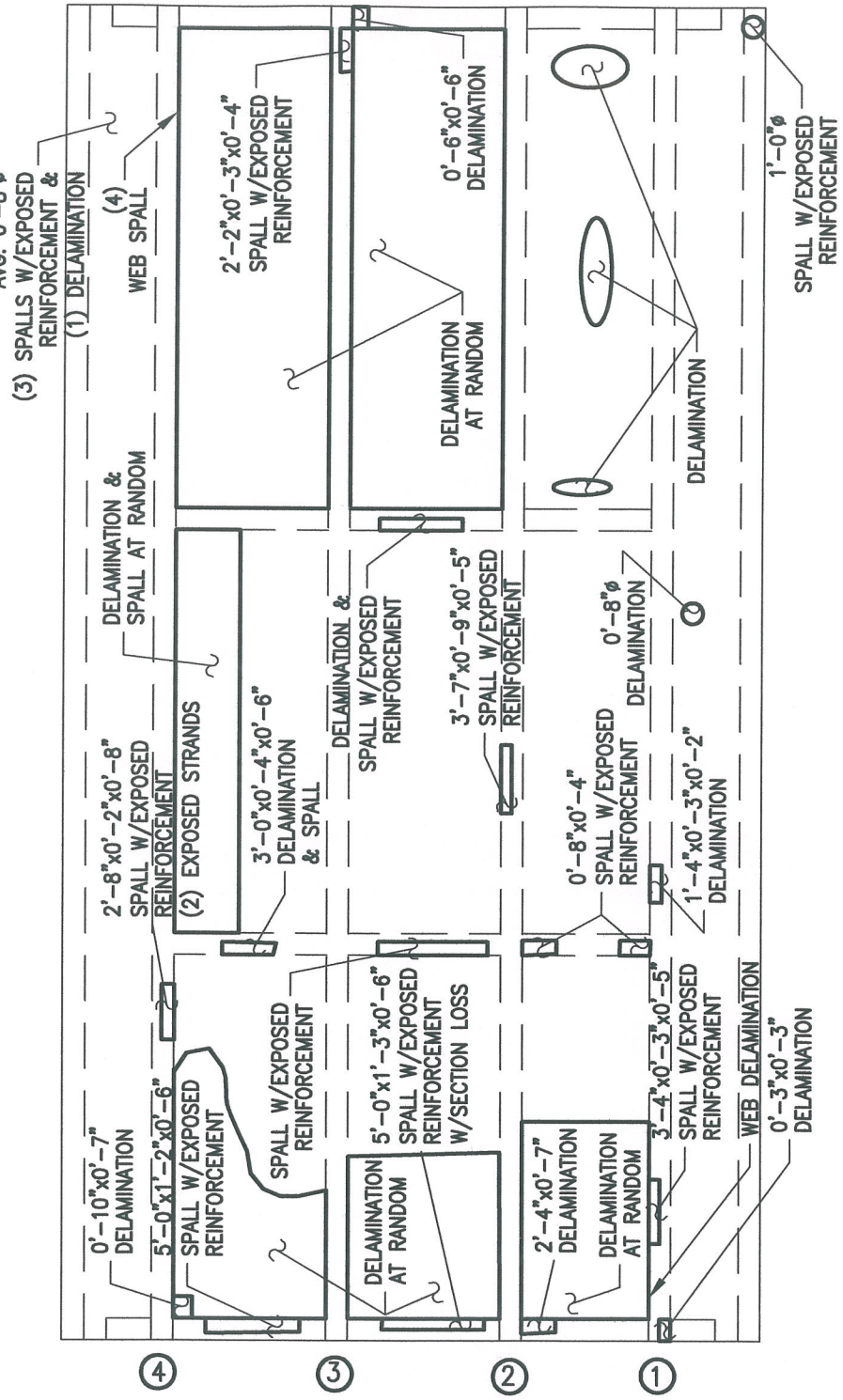
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 991 OF 1347	

BENT #148



BENT #149

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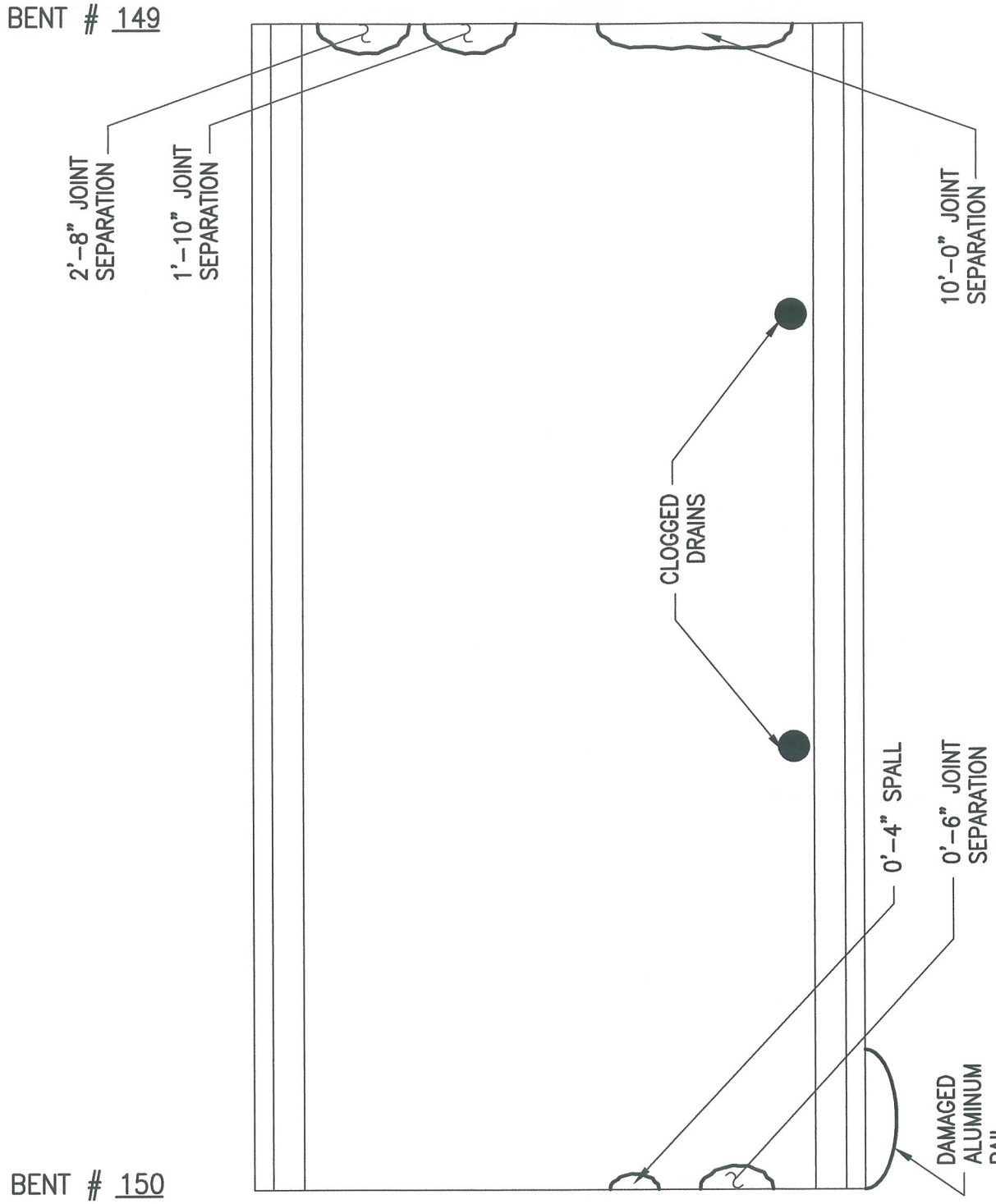
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 992 OF	1347



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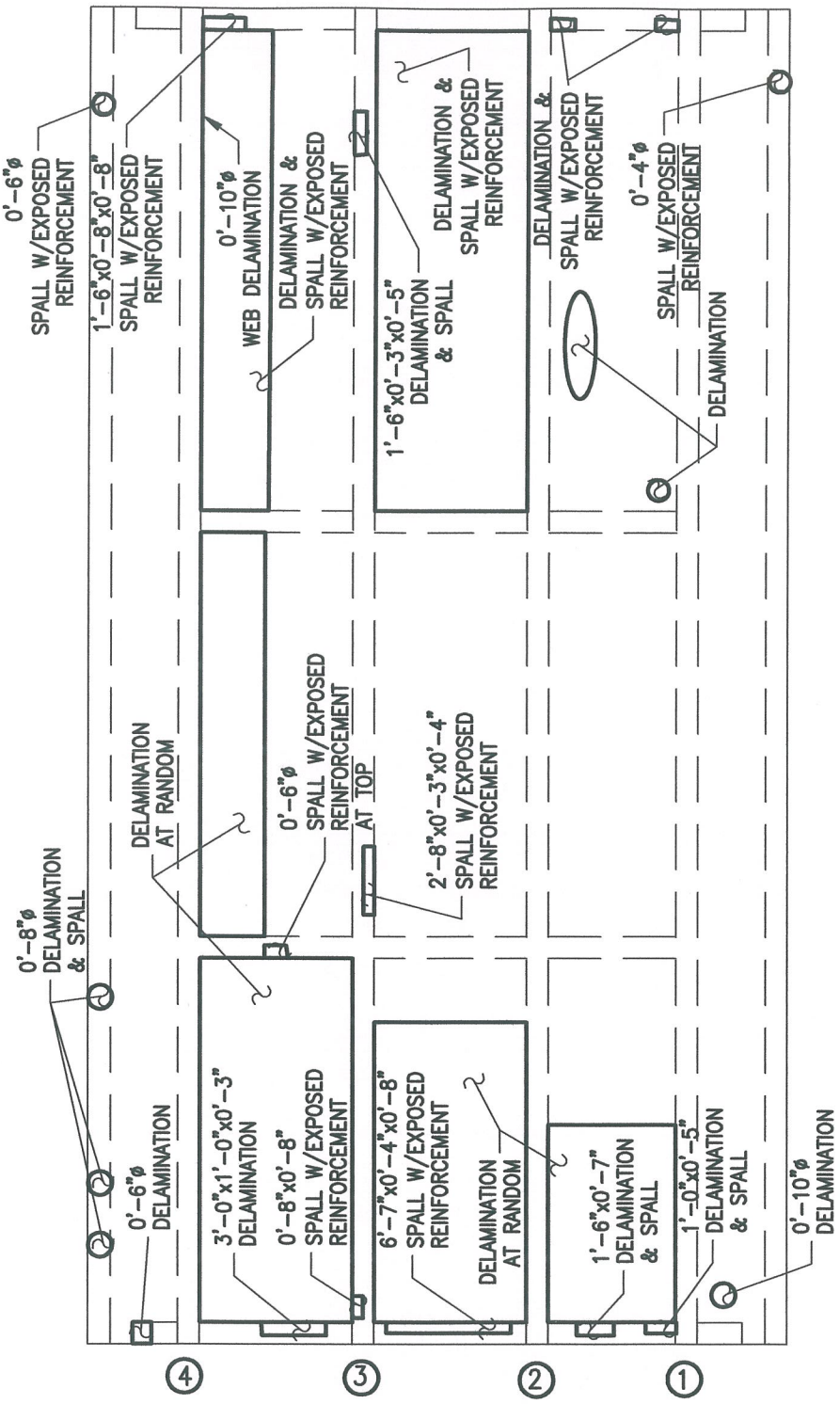
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 7 OF 1347	

BENT #149



BENT #150

PLAN OF DECK UNDERSIDE

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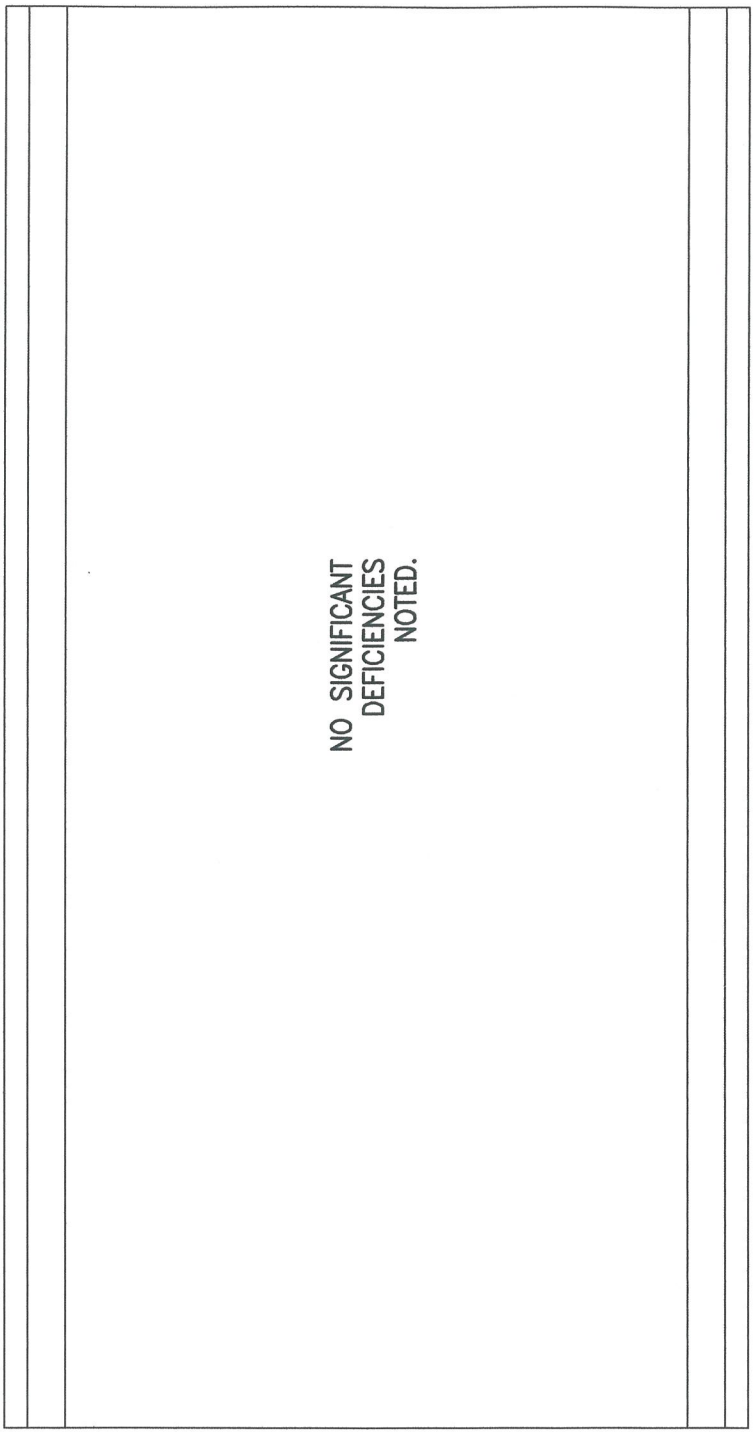
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 9998 OF	13447

BENT # 150



BENT # 151

PLAN OF DECK SURFACE

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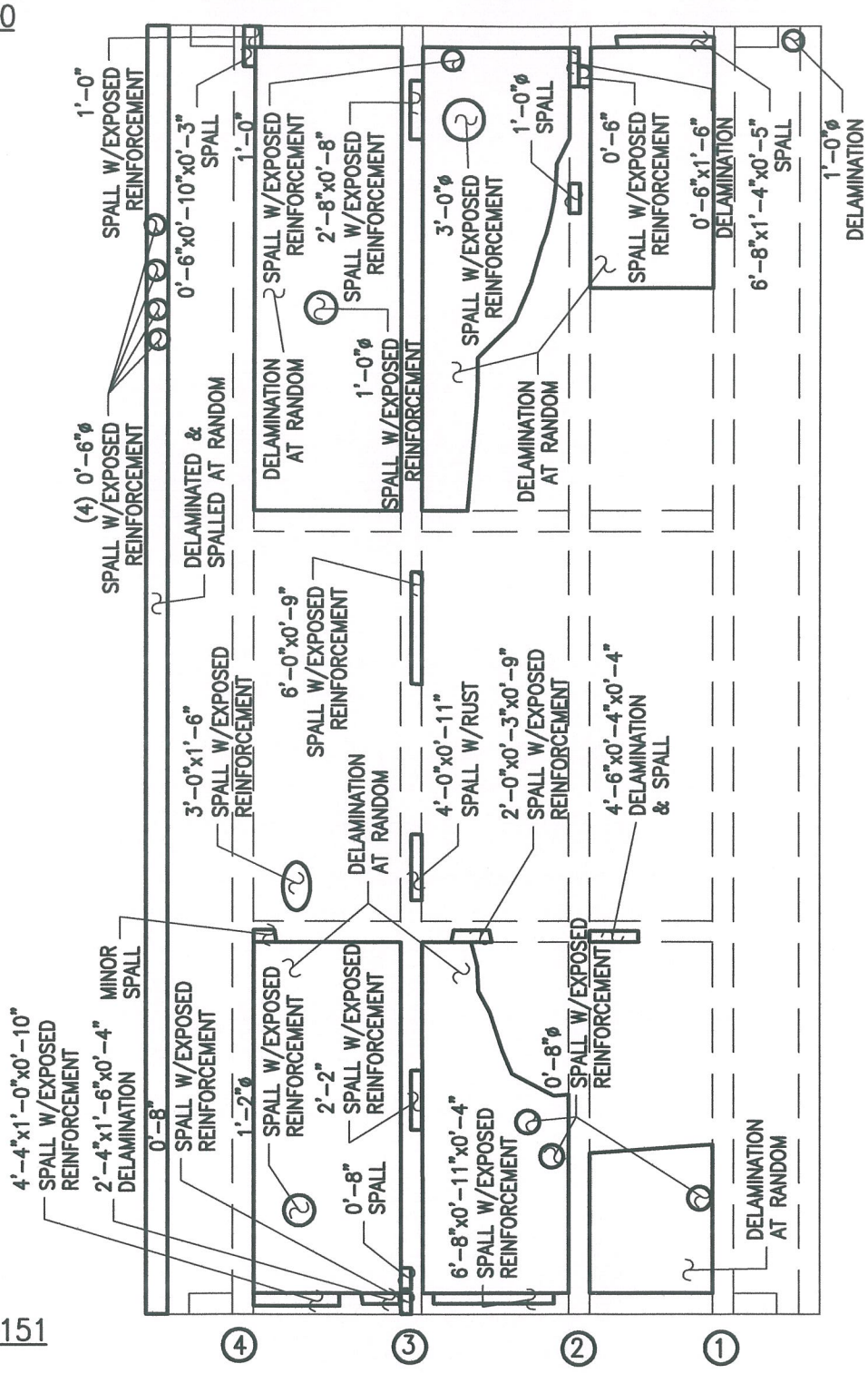
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1003 OF	1357



PLAN OF DECK UNDERSIDE

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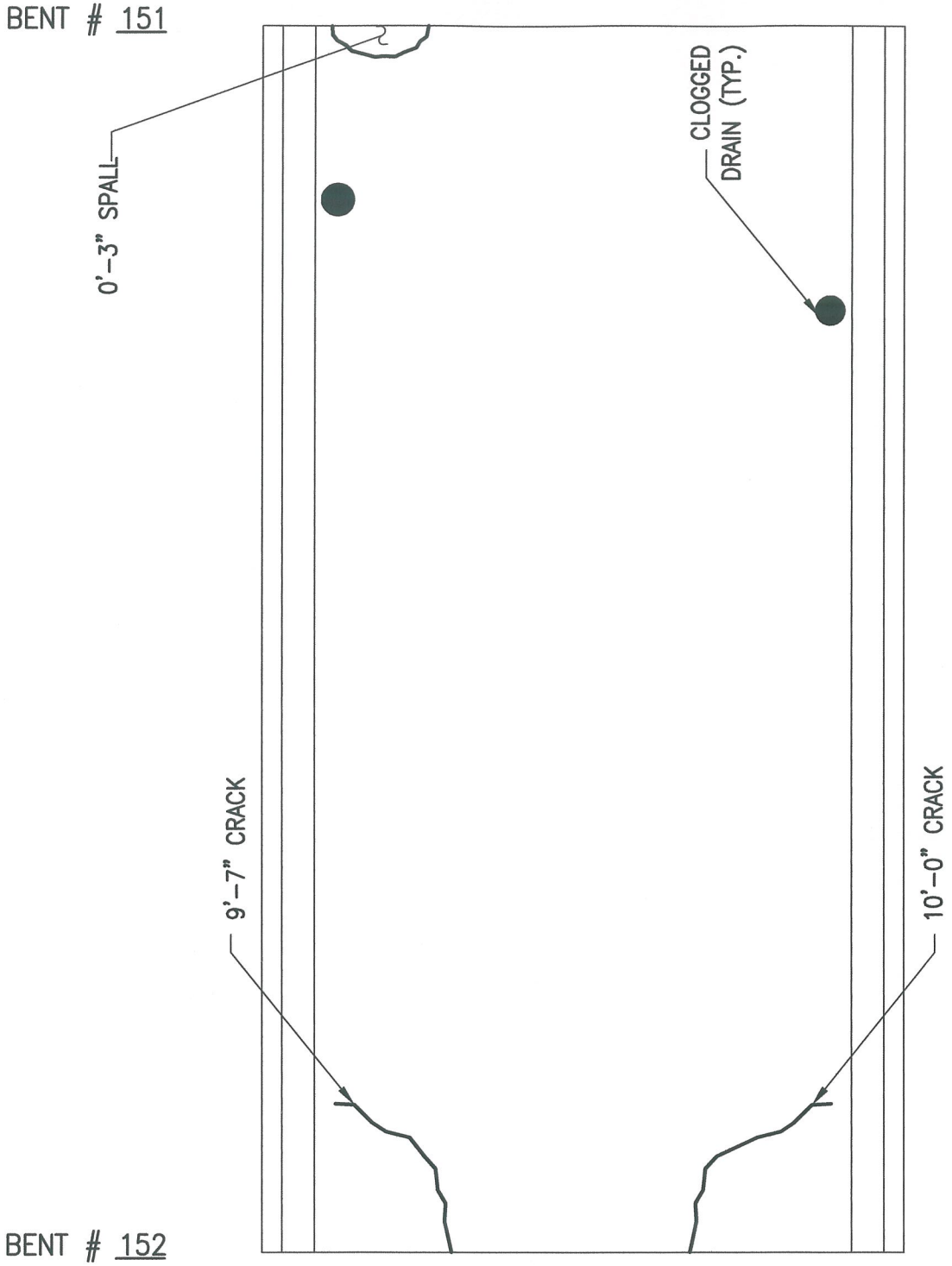
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1004 OF 1347	



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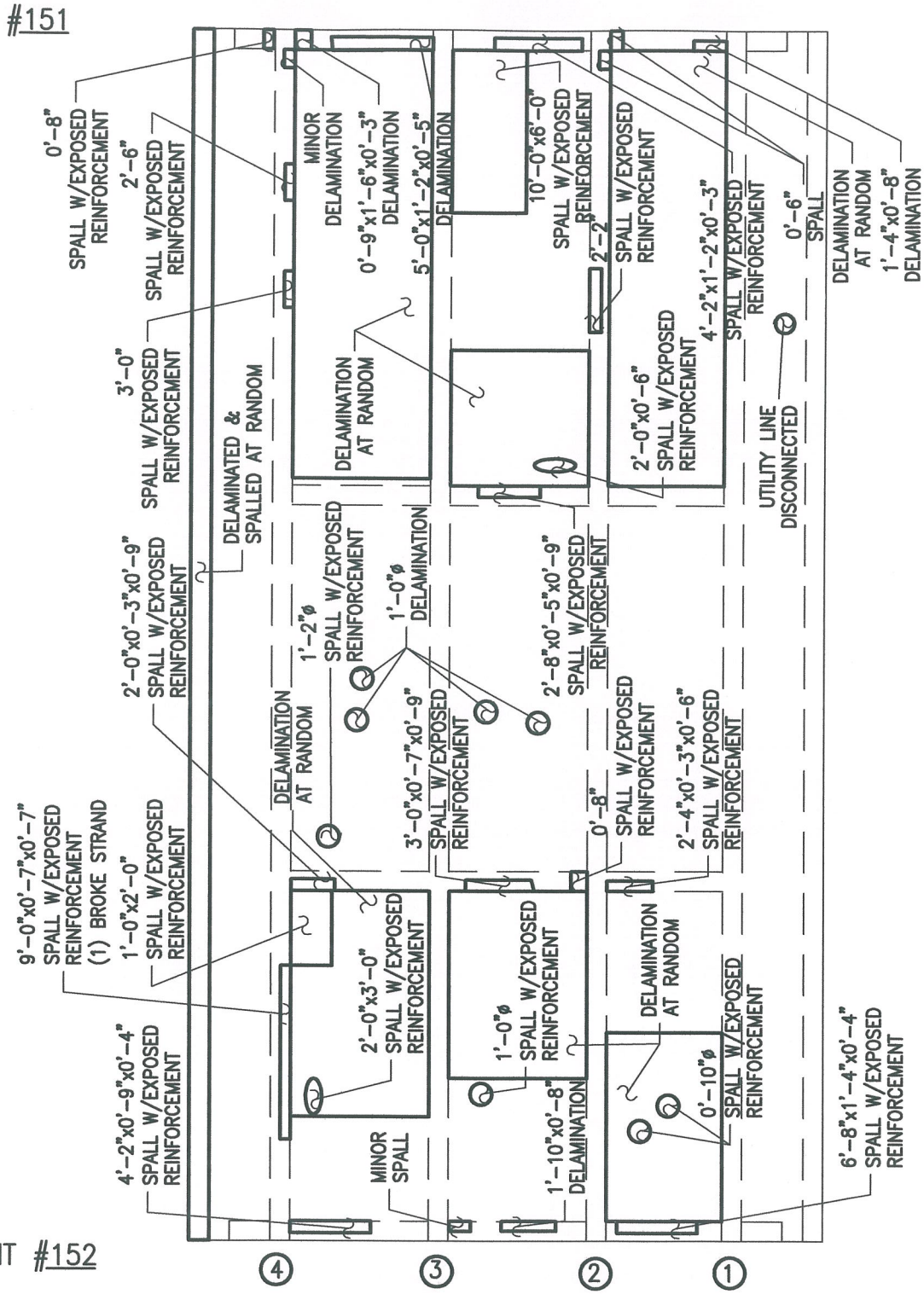
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1009 OF 1347	



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COUNTY:	DARE		
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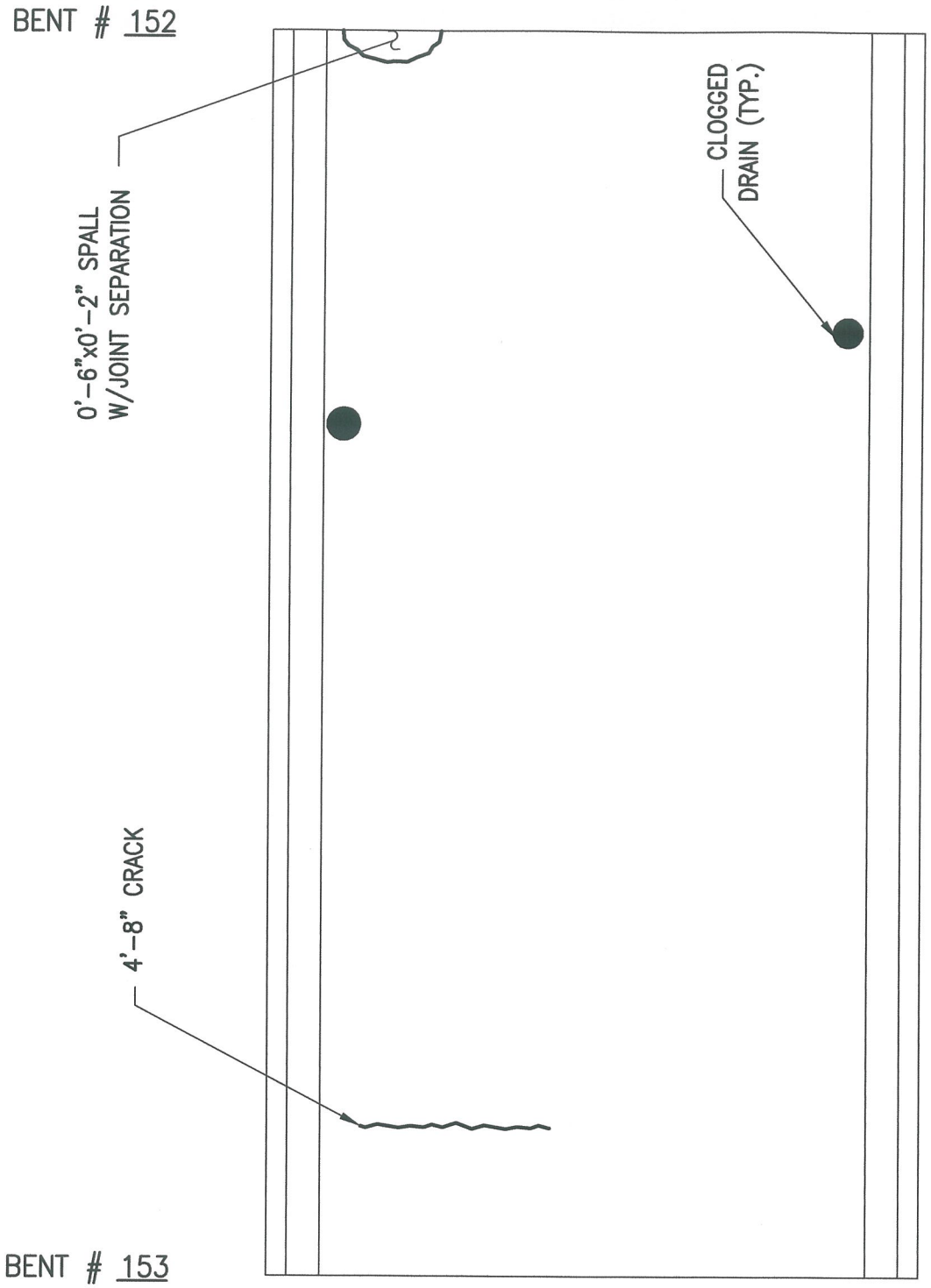
SCALE:	NTS		
DATE:	6/20/06	SHT 1010 OF 1347	



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SCALE:	NTS		
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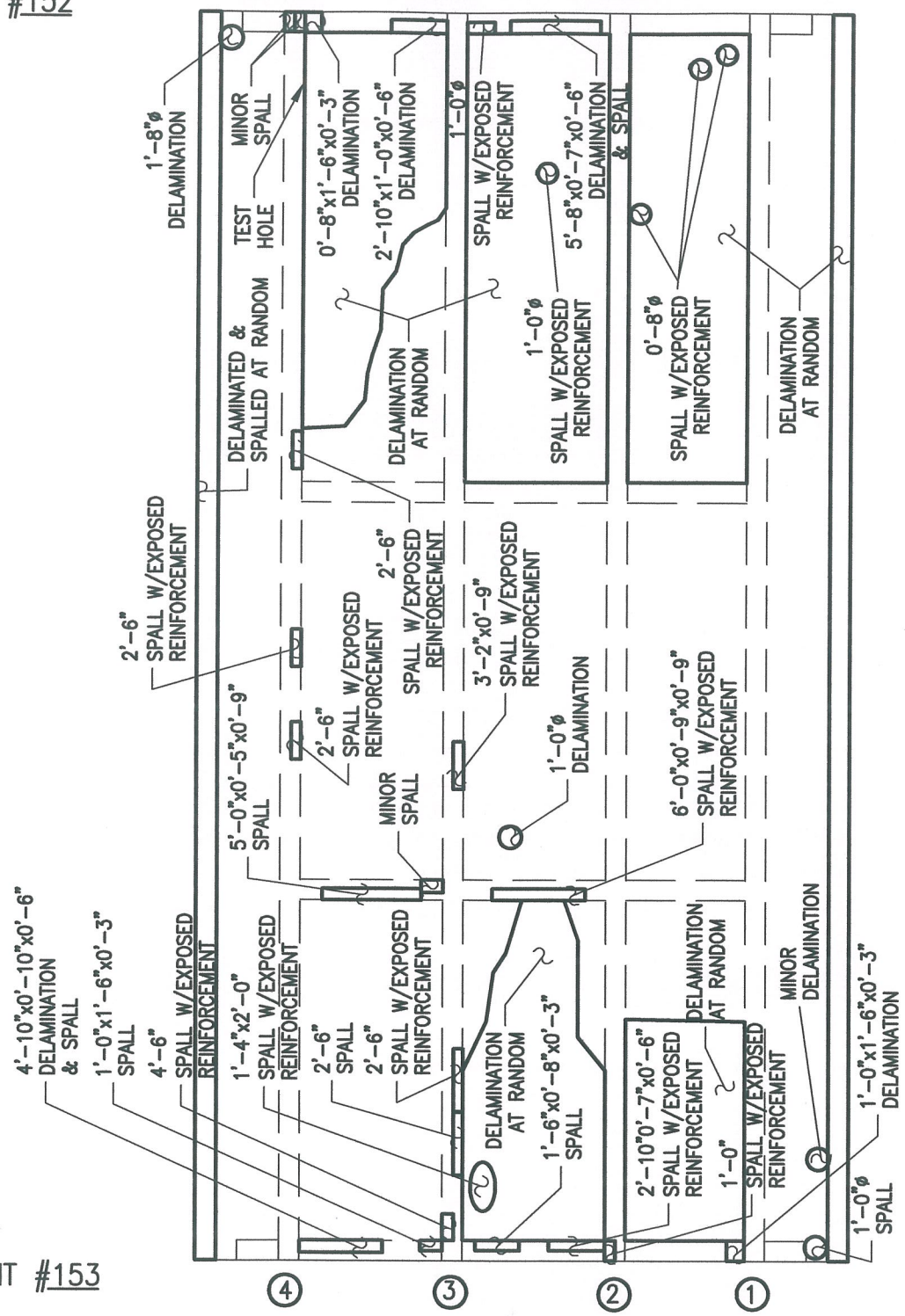

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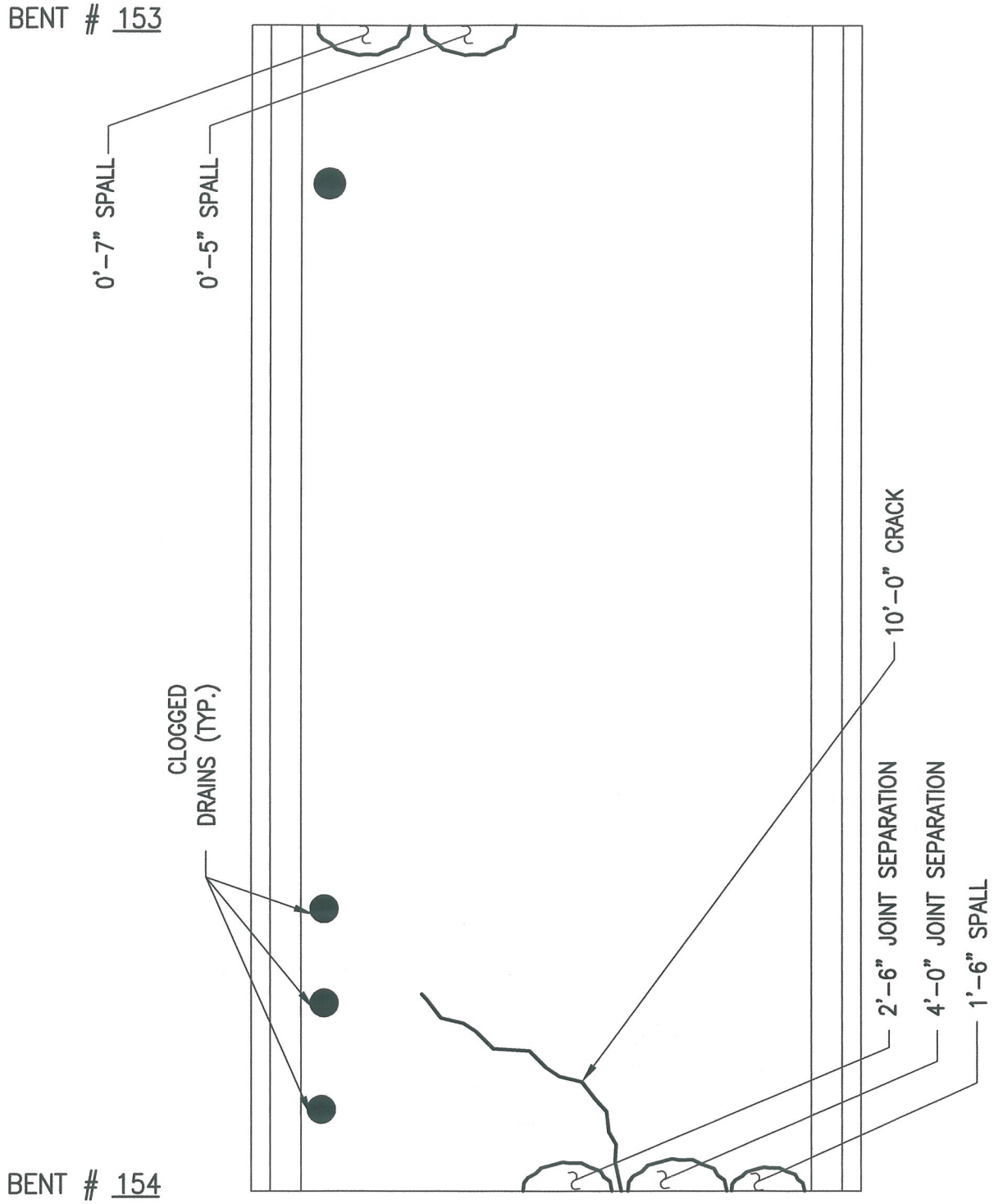
SCALE:	NTS		
DATE:	6/20/06	SHT 106 OF 1347	



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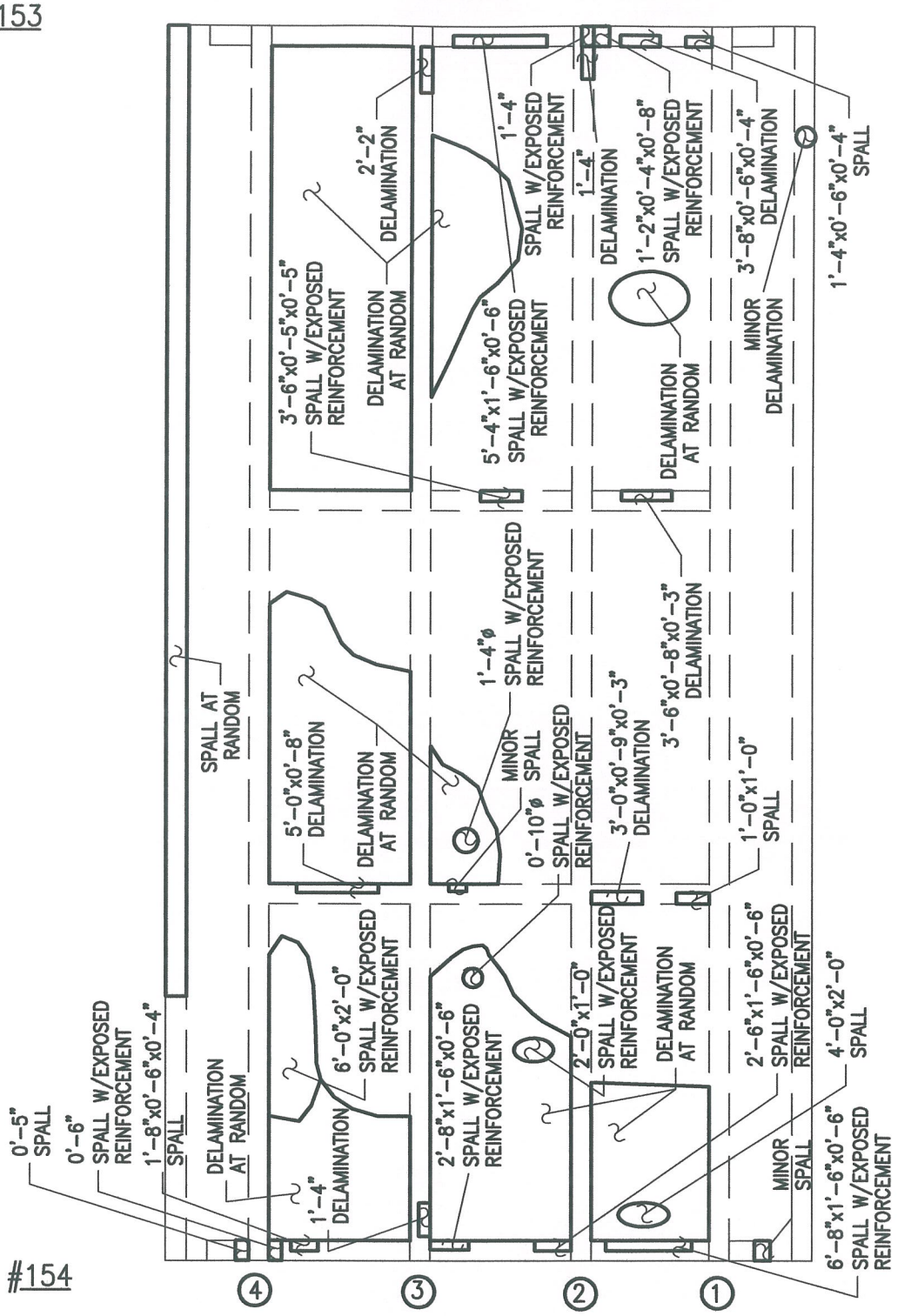
SCALE:	NTS		
DATE:	6/20/06	SHT 1021 OF	1347

BENT #153



BENT #154

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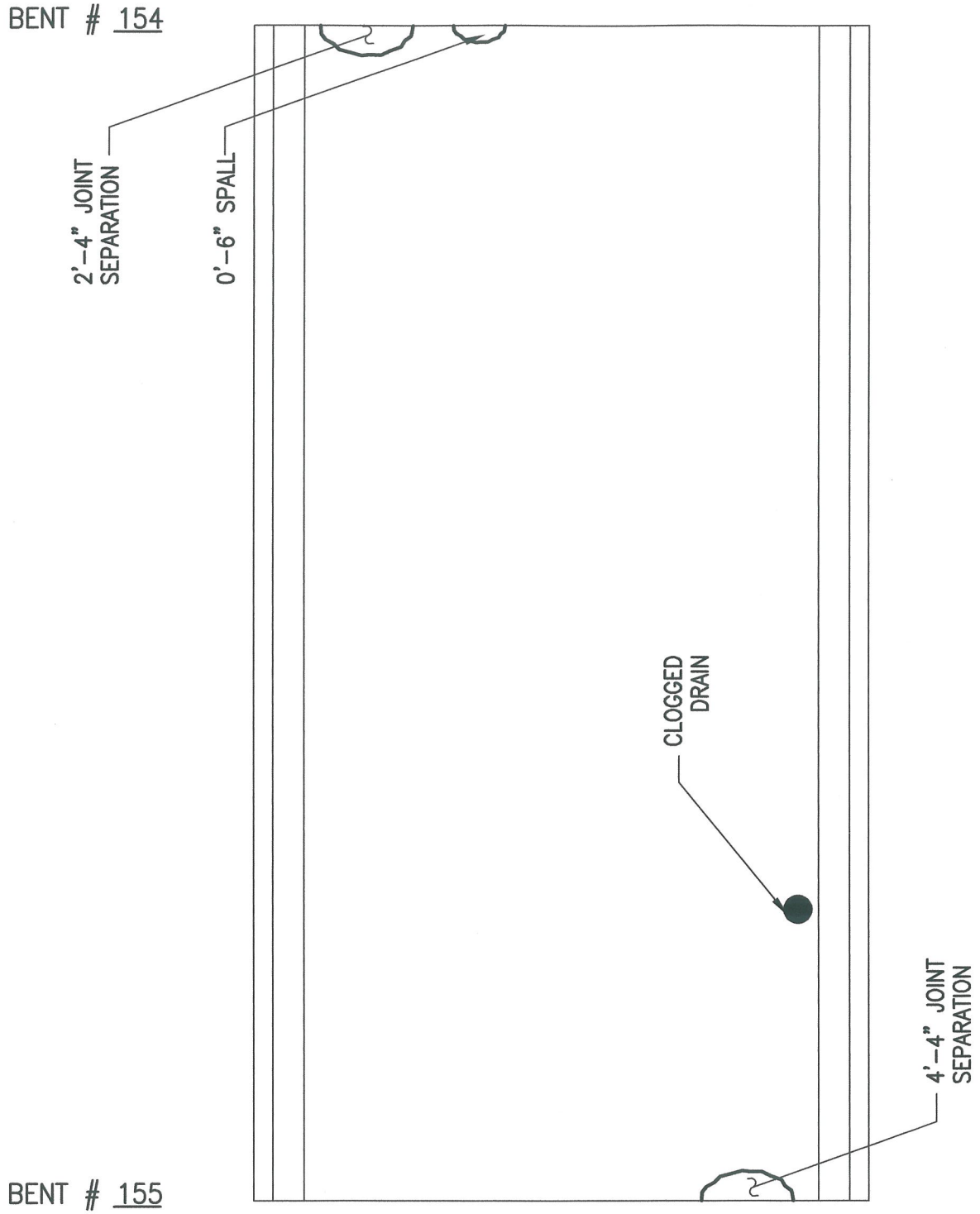
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 22 OF 134	



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PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
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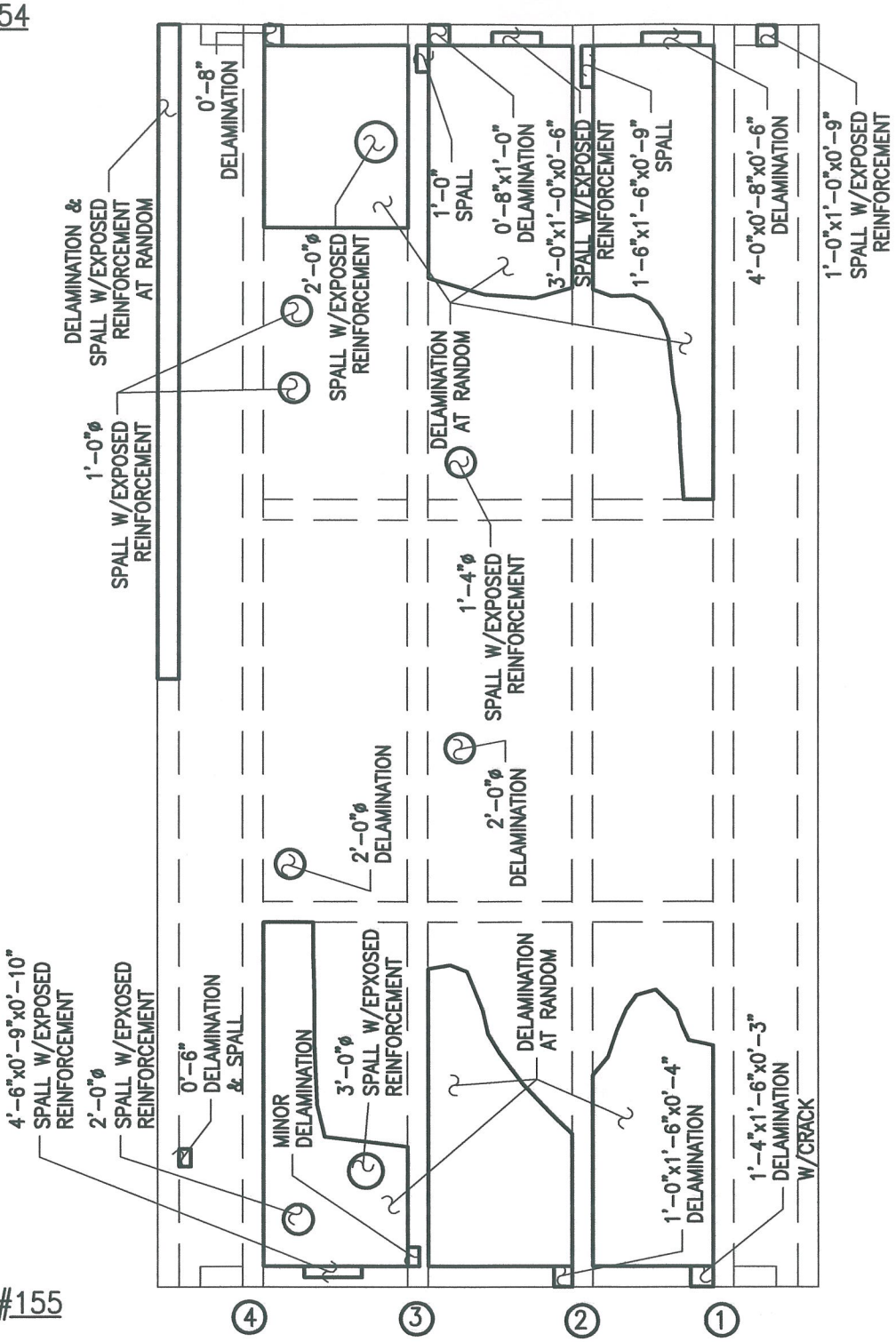

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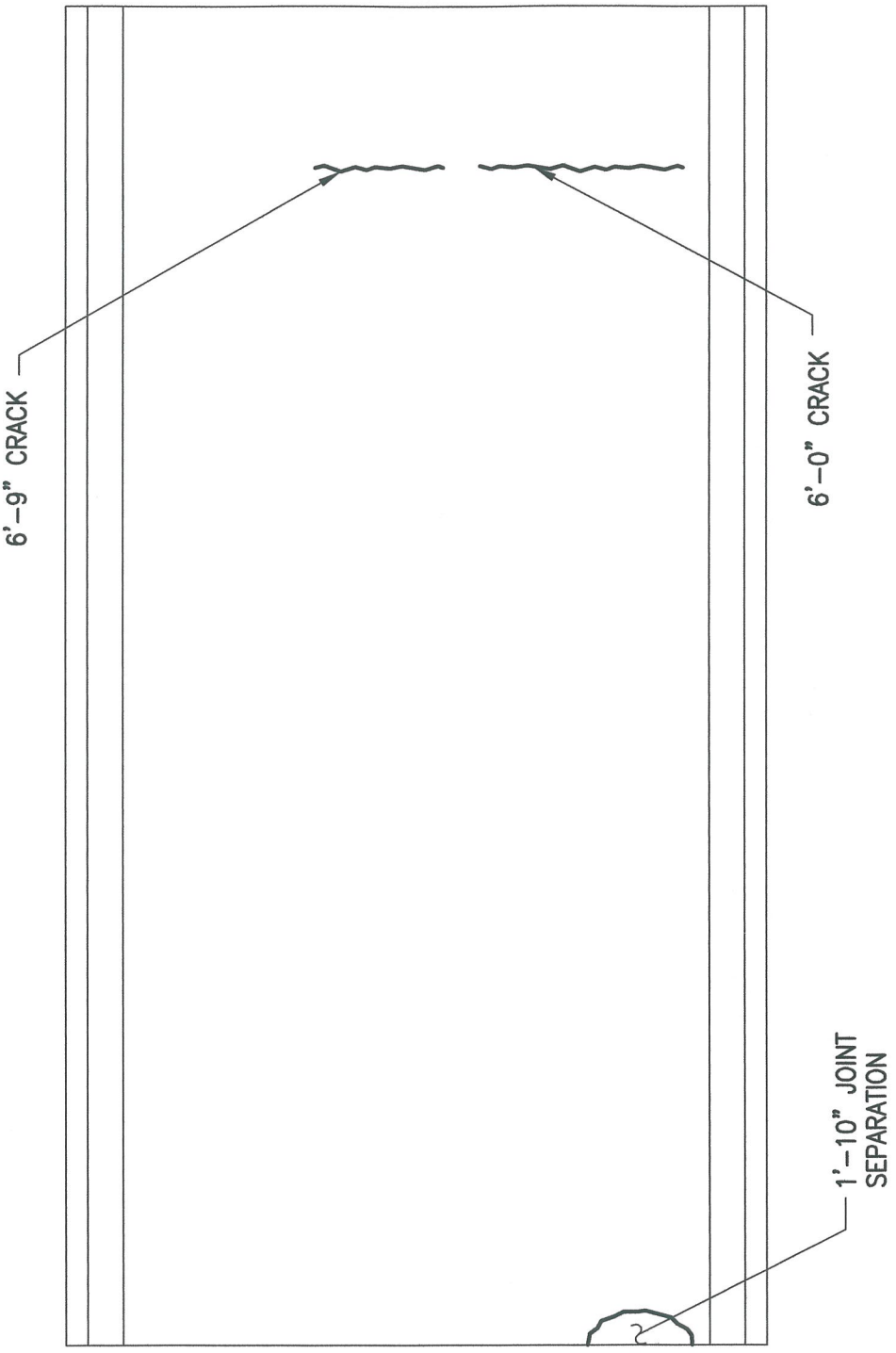
SCALE:	NTS		
DATE:	6/20/06	SHT 1628 OF	1347

BENT # 155



BENT # 156

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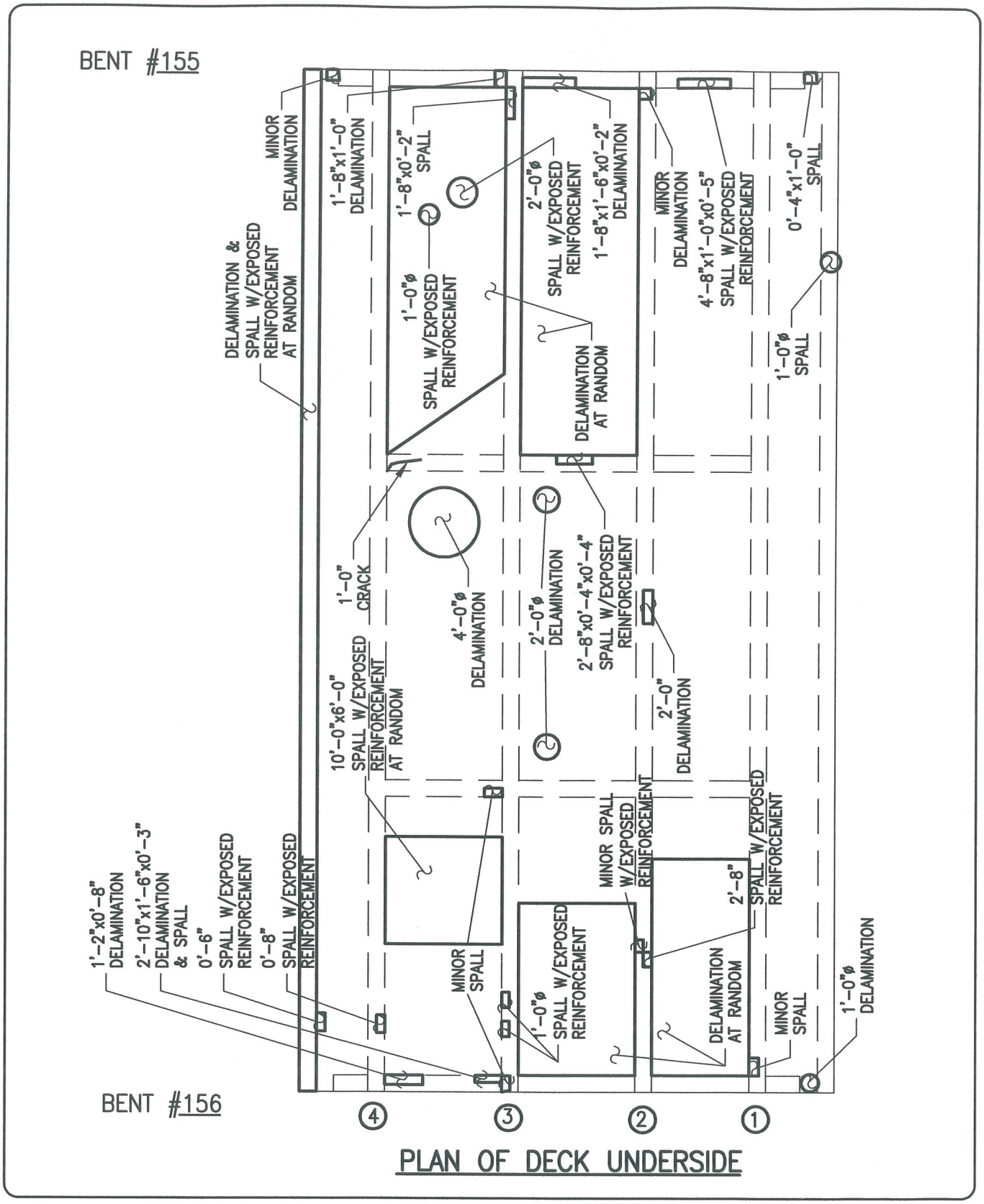
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1033 OF 1347	



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PREPARED BY:	OHS	CHECKED BY:	TGZ
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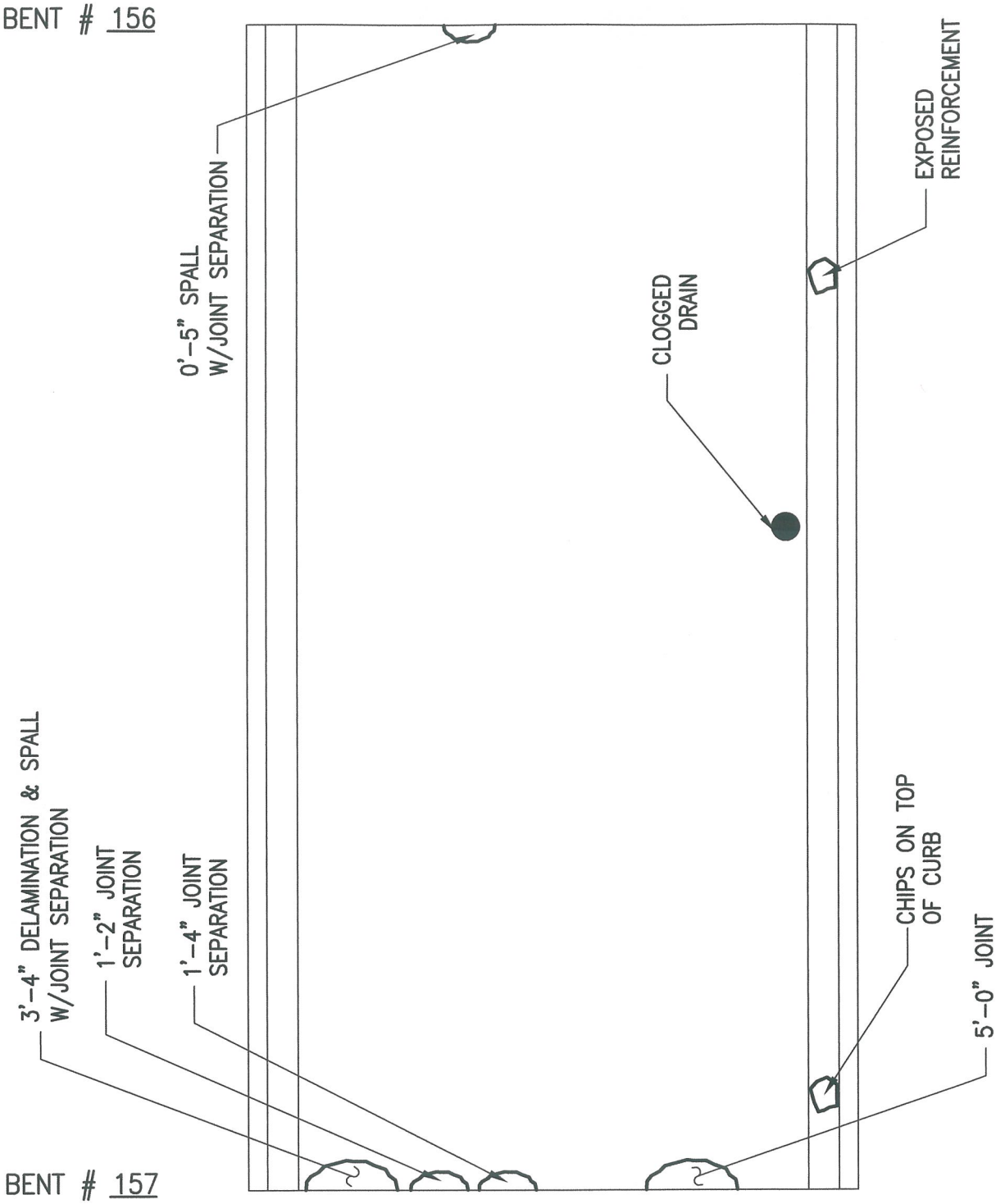
DATE:	6/20/06	SHT 1634 OF	1347



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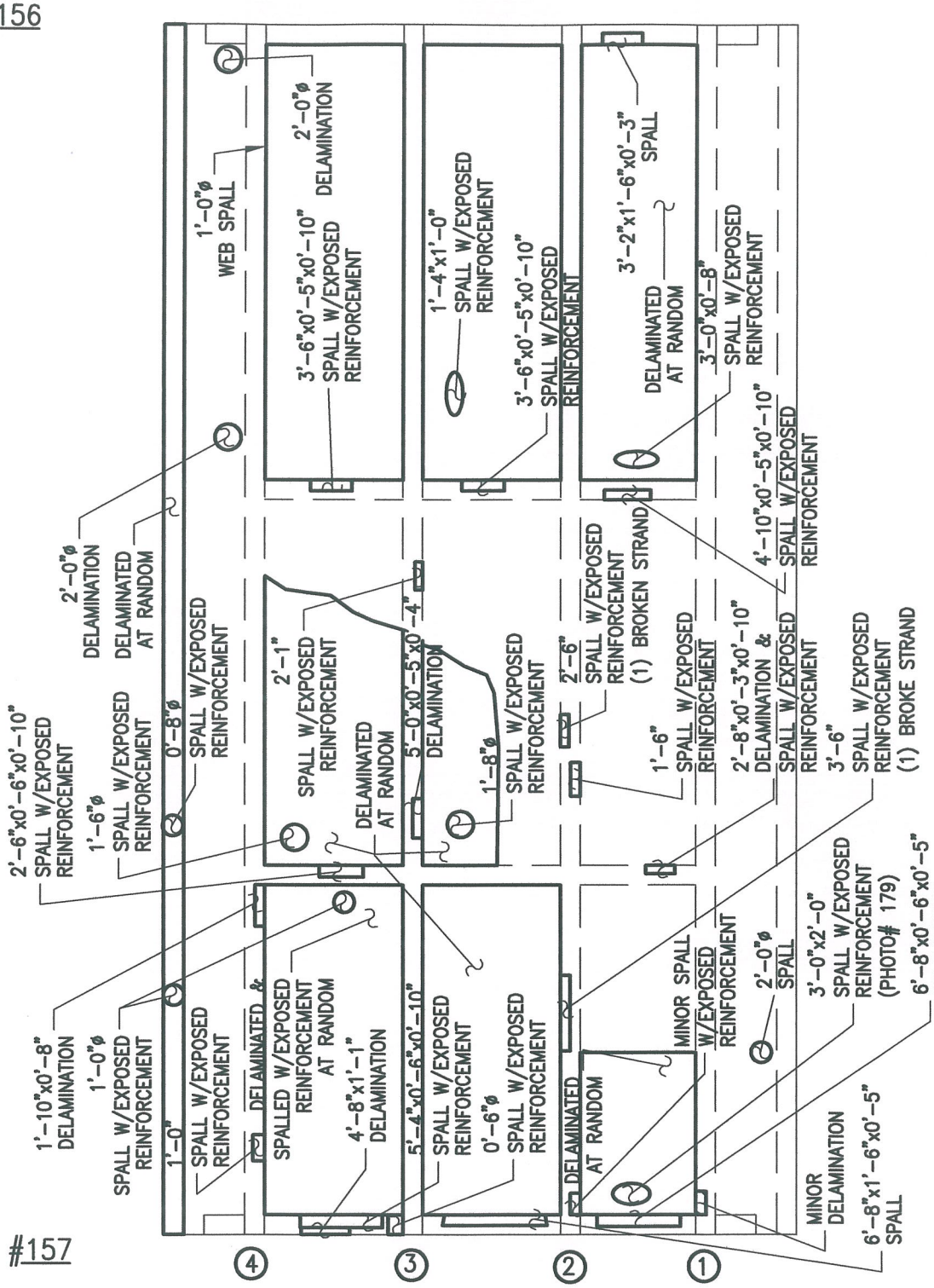
Phone 919 981 0310 Fax 919 981 0451
Email info@aogroup.com www.aogroup.com

BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1039 OF 1347	



PLAN OF DECK UNDERSIDE

ALPHA & OMEGA GROUP
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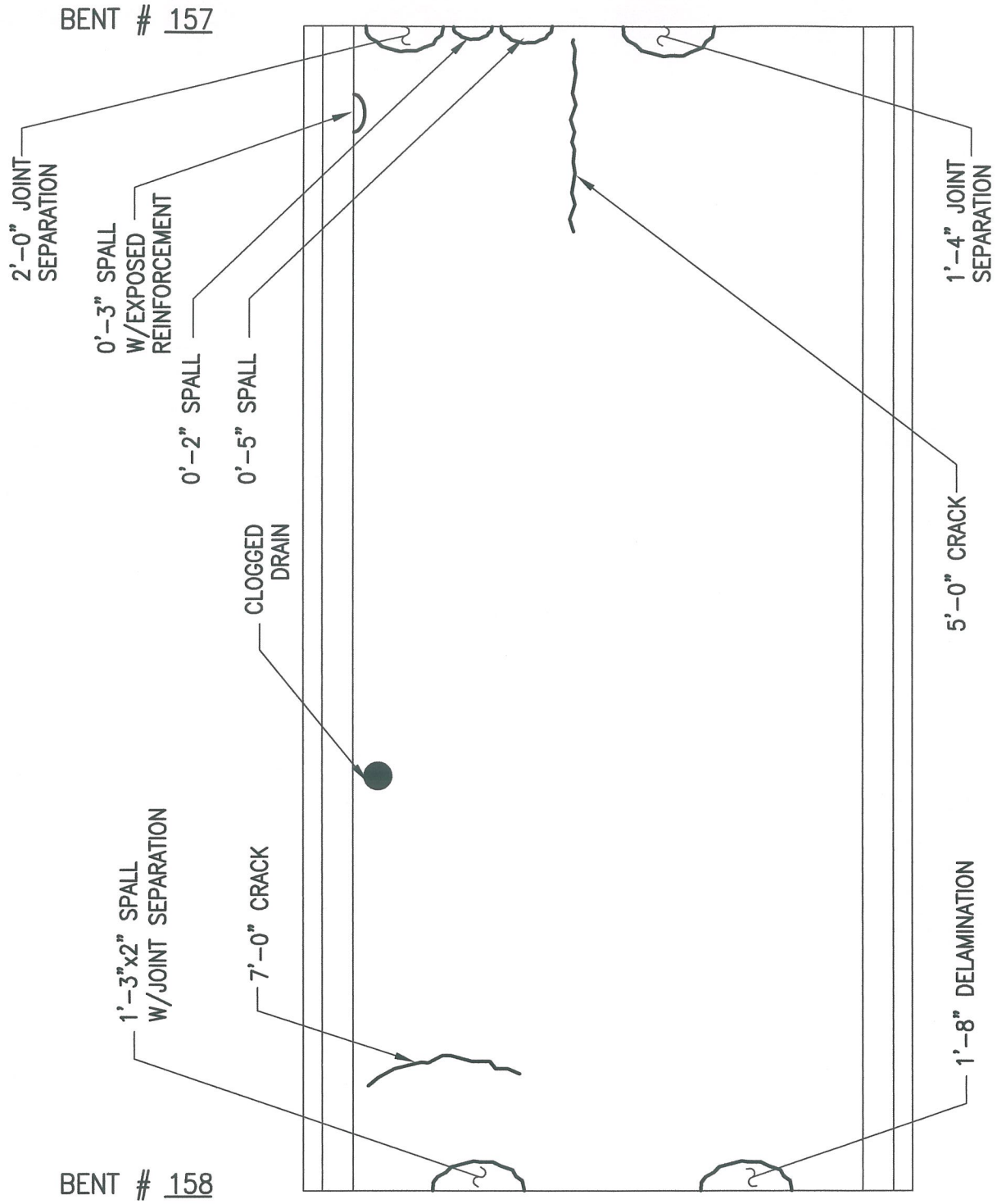
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1040 OF 1347	



PLAN OF DECK SURFACE

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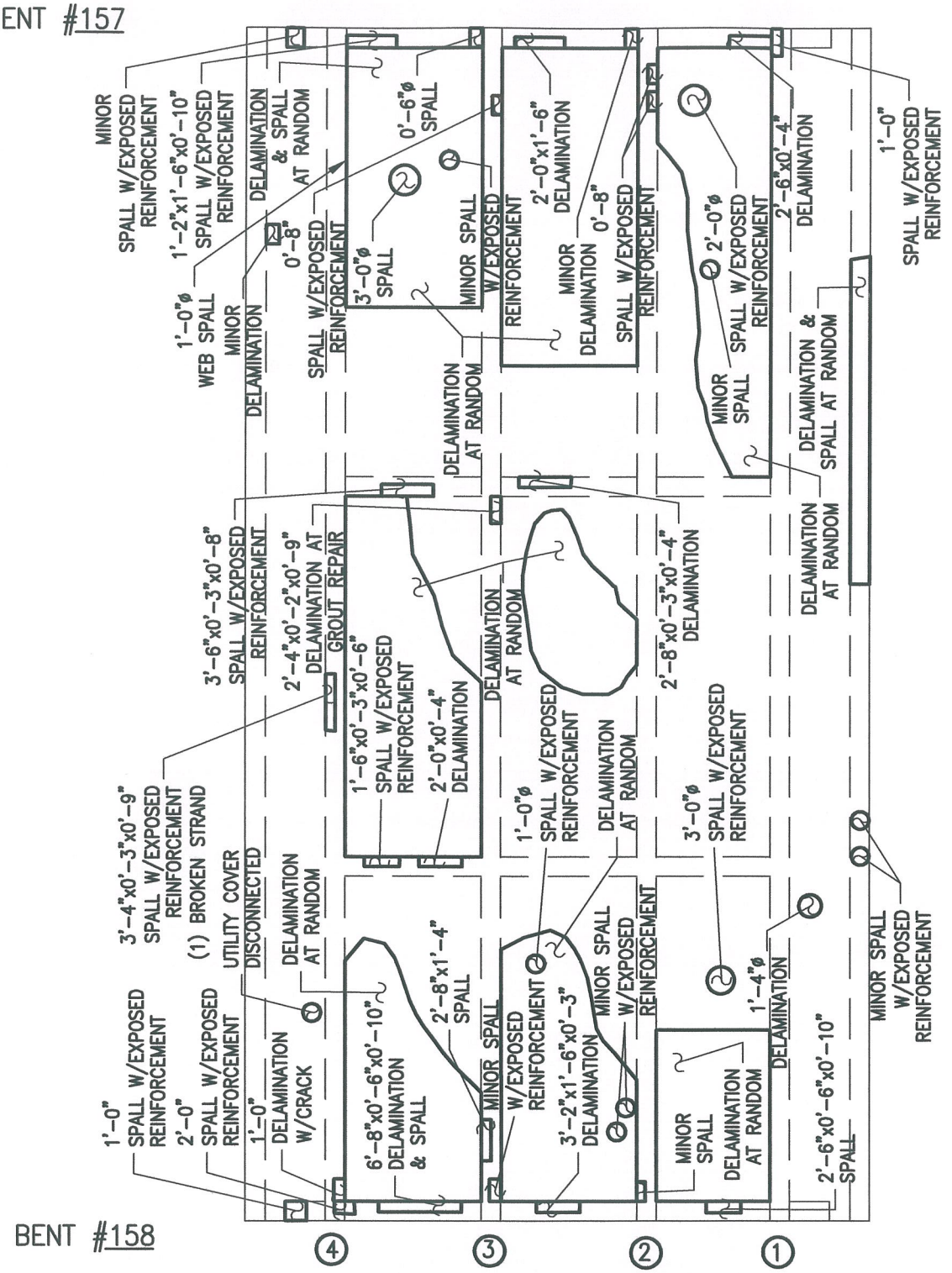
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1645 OF 1347	



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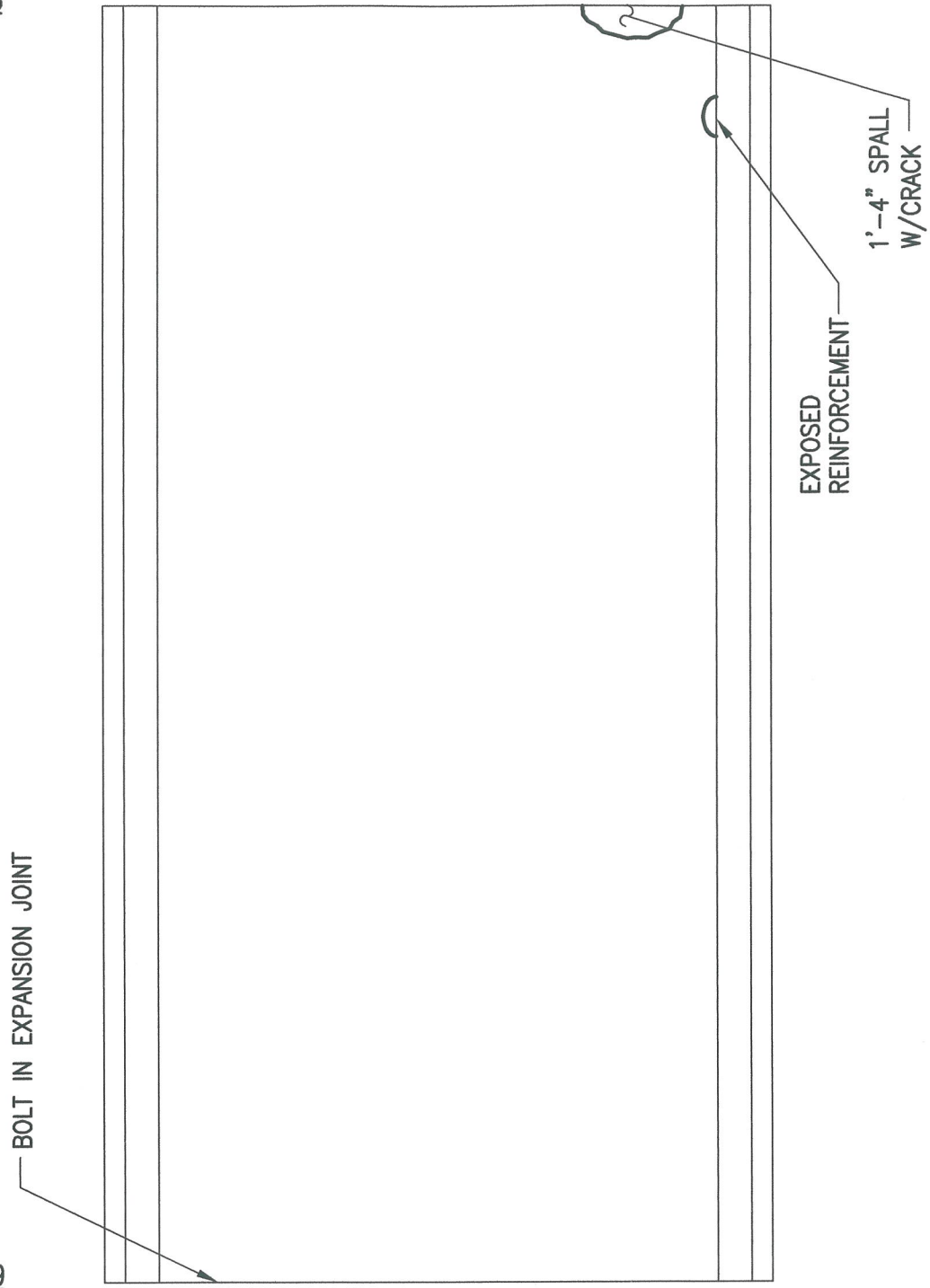
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1046 OF 1347	

BENT # 158



BENT # 159

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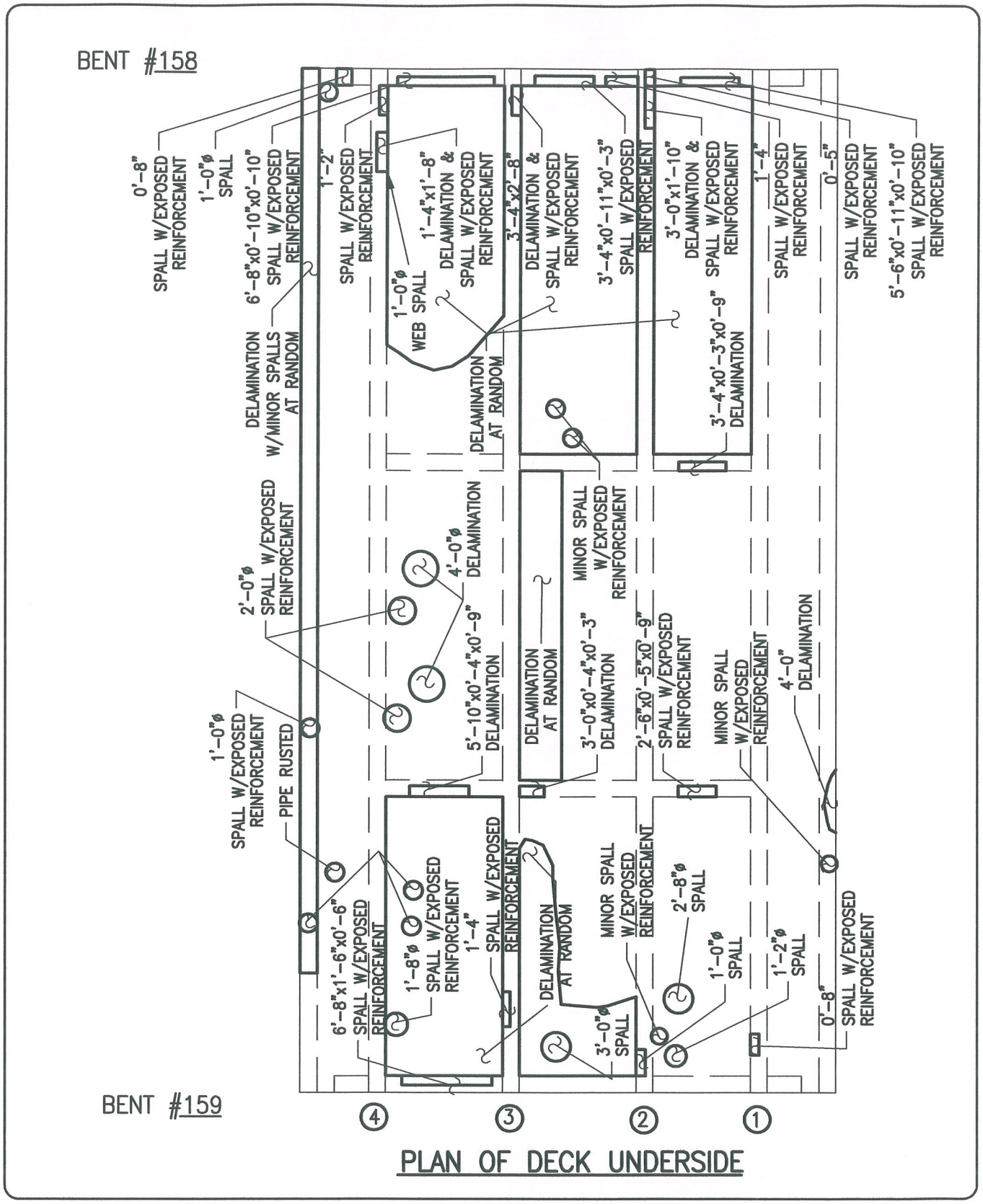
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1051 OF 1347	



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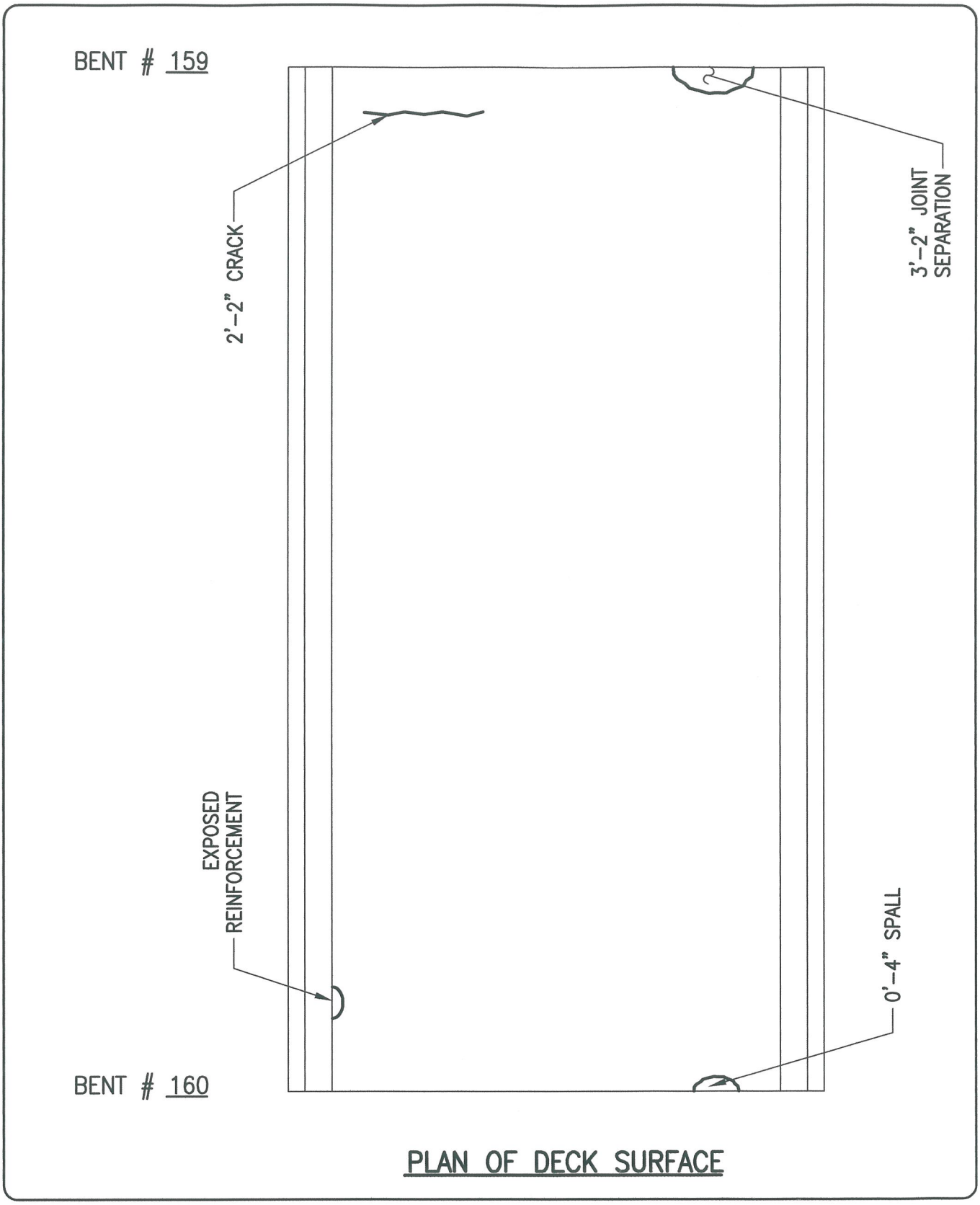
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1052 OF 1347	



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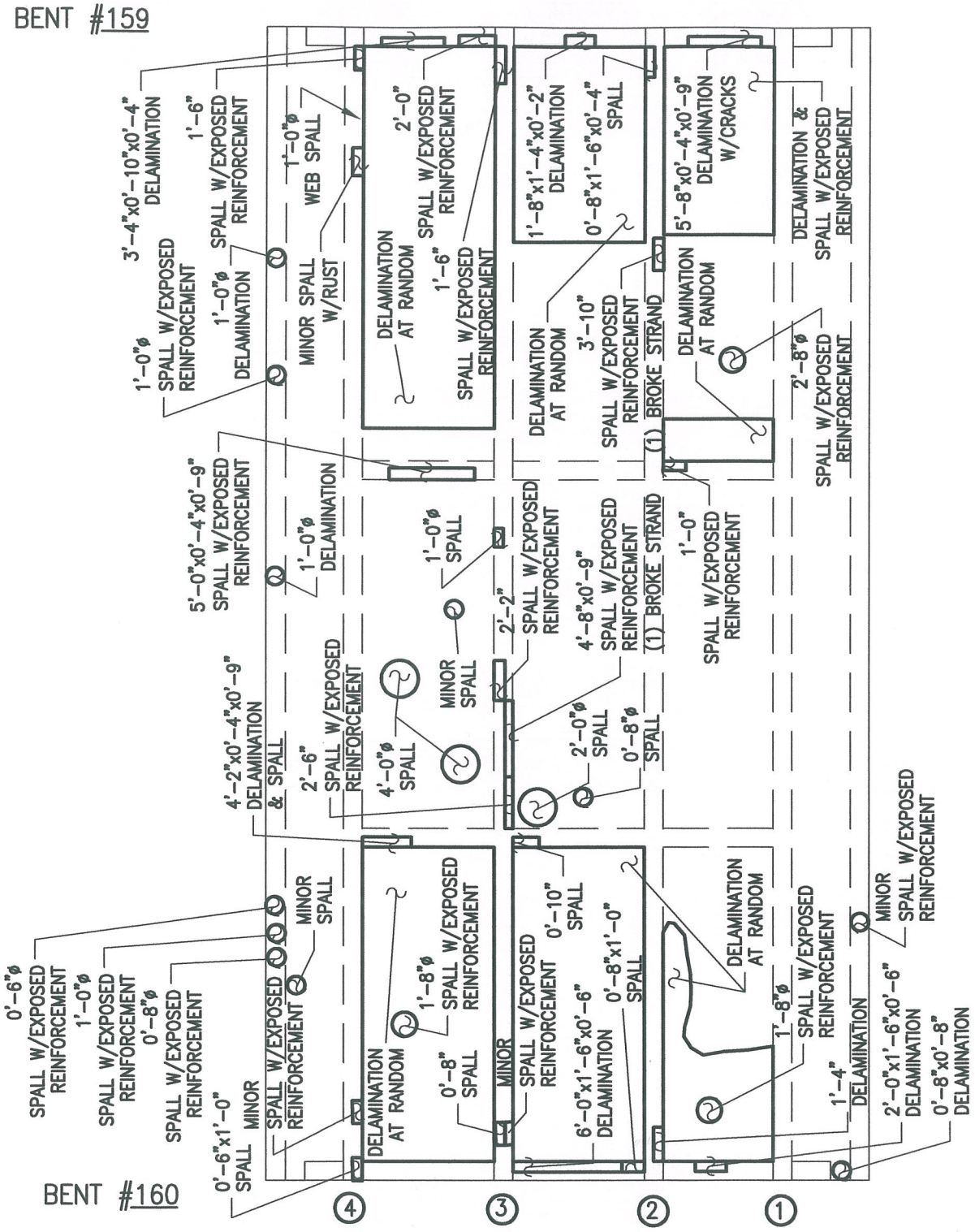
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1057 OF	1347



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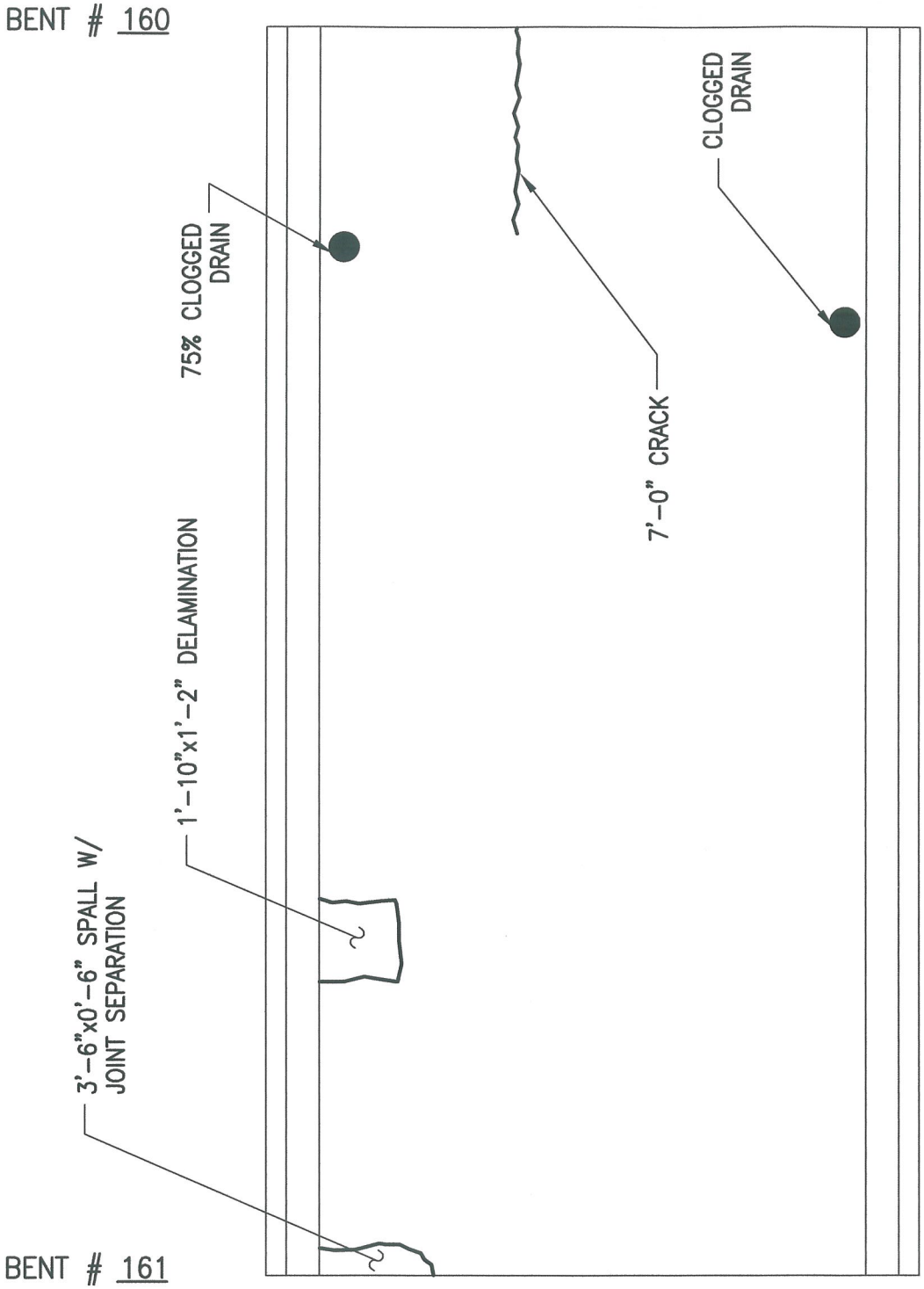
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1058 OF 1347	



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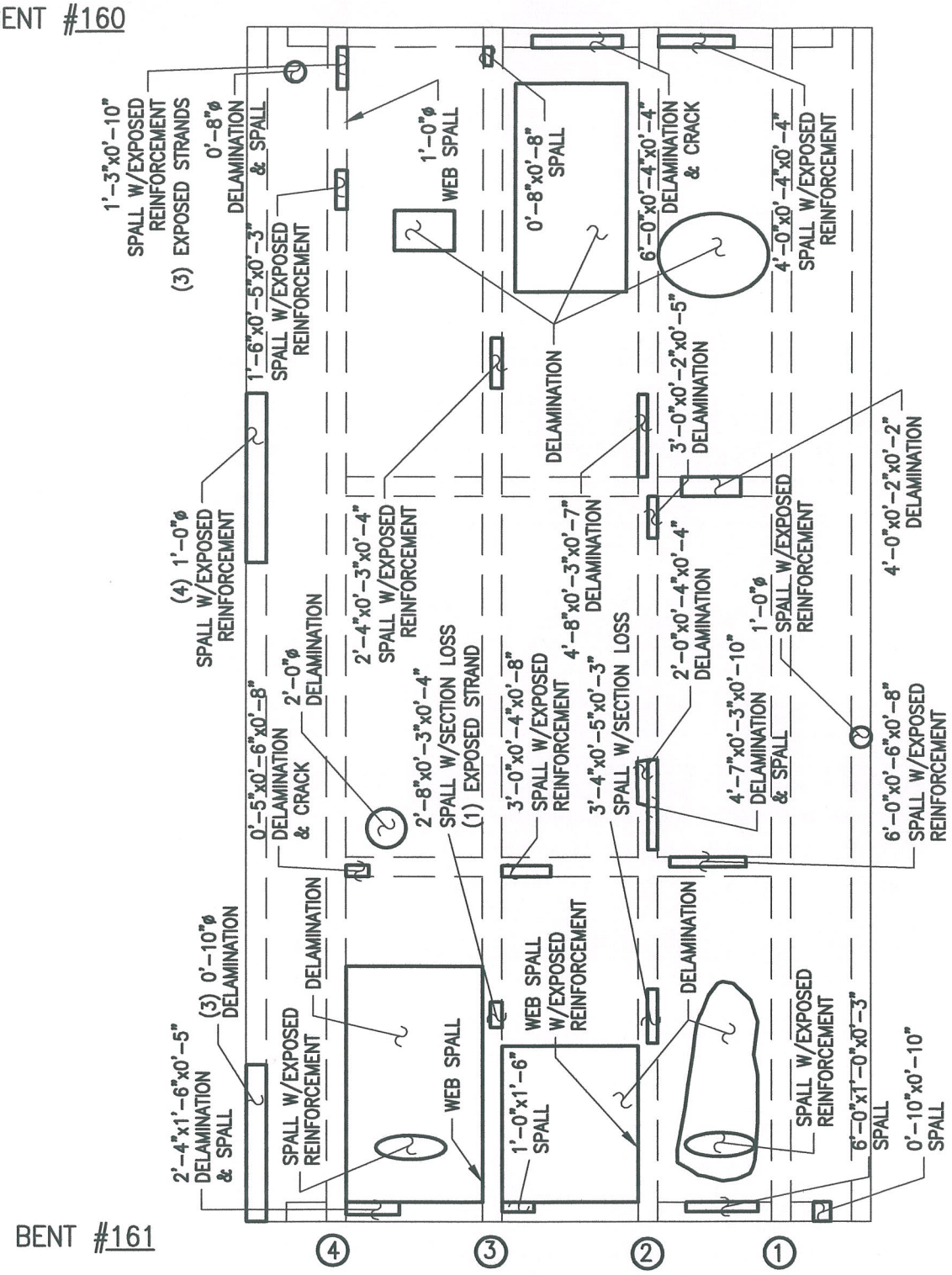
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 63 OF	1347



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COUNTY:	DARE		
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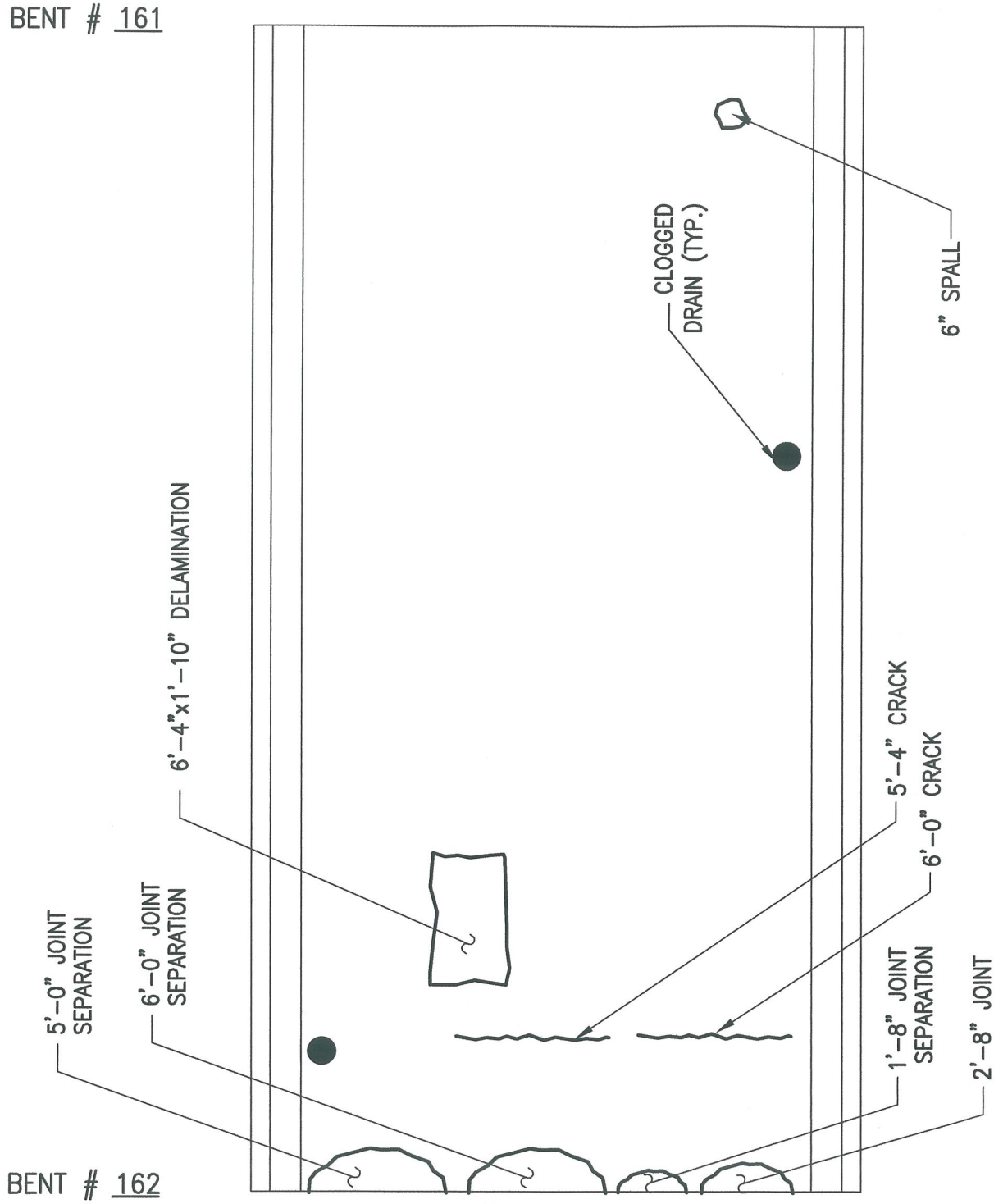
SCALE:	NTS		
DATE:	6/20/06	SHT 1064 OF 1347	



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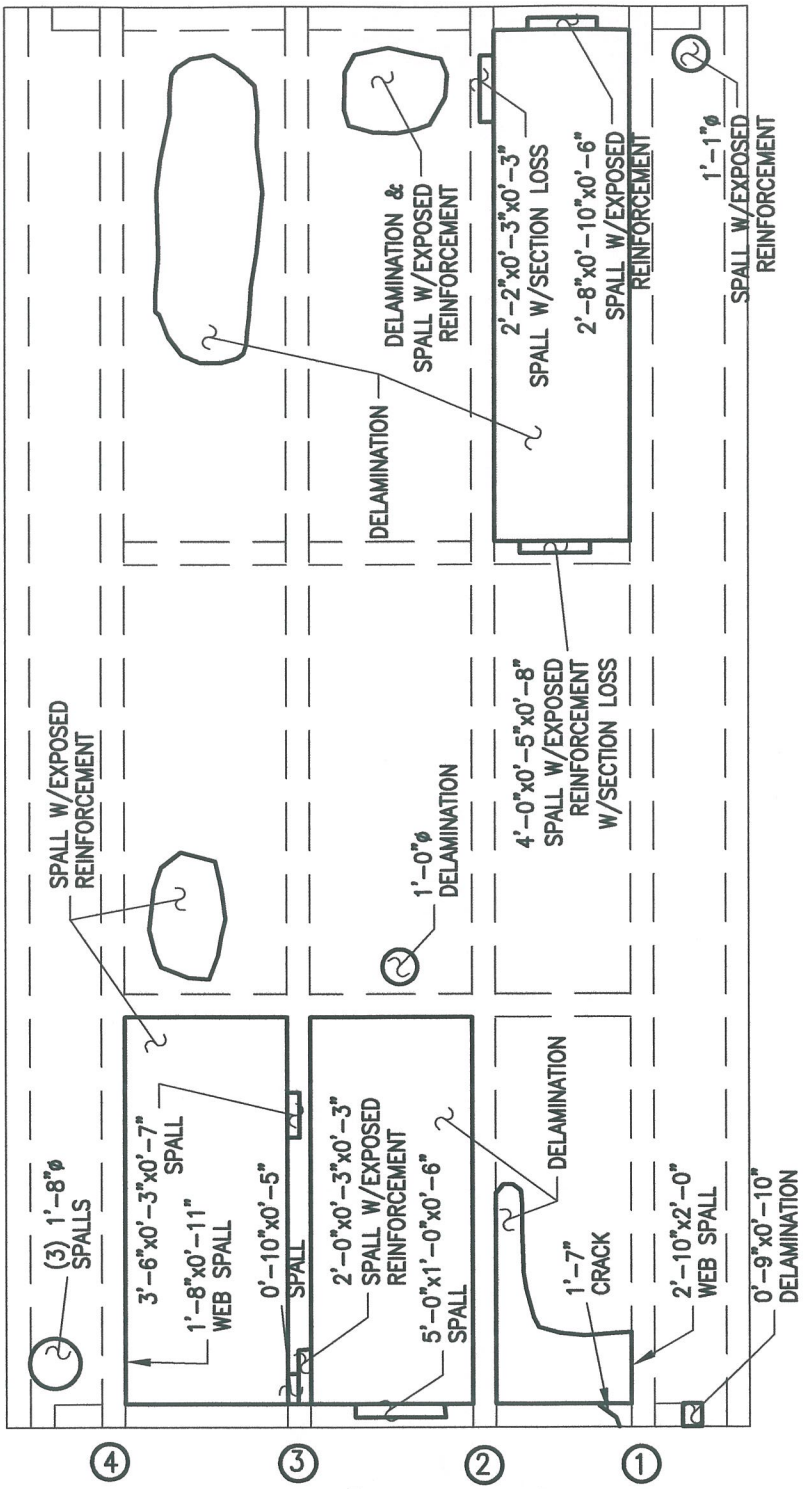
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1069 OF	1347

BENT #161



BENT #162

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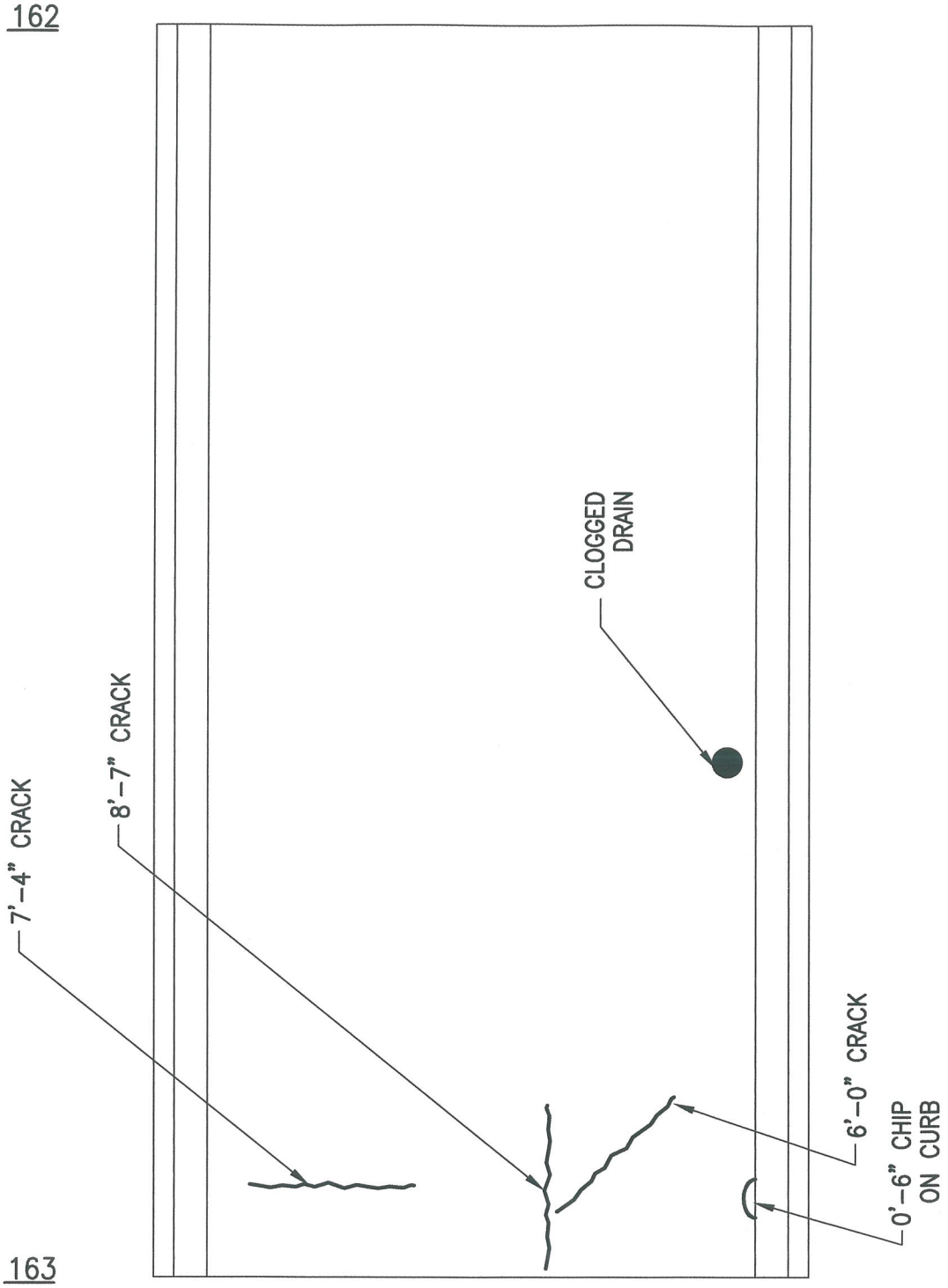
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 10 OF	13

BENT # 162



BENT # 163

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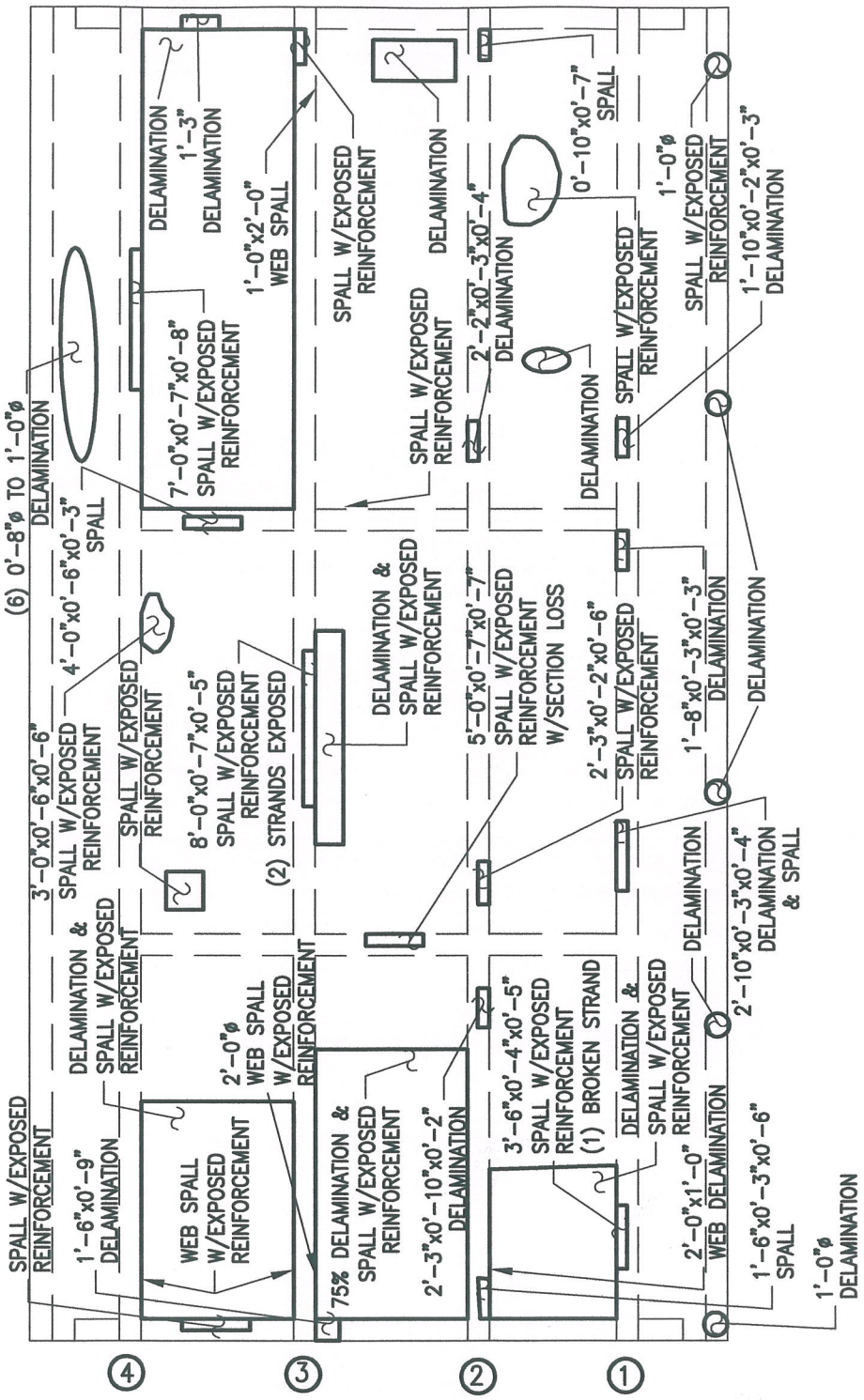
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 675 OF 1347	

BENT #162



BENT #163

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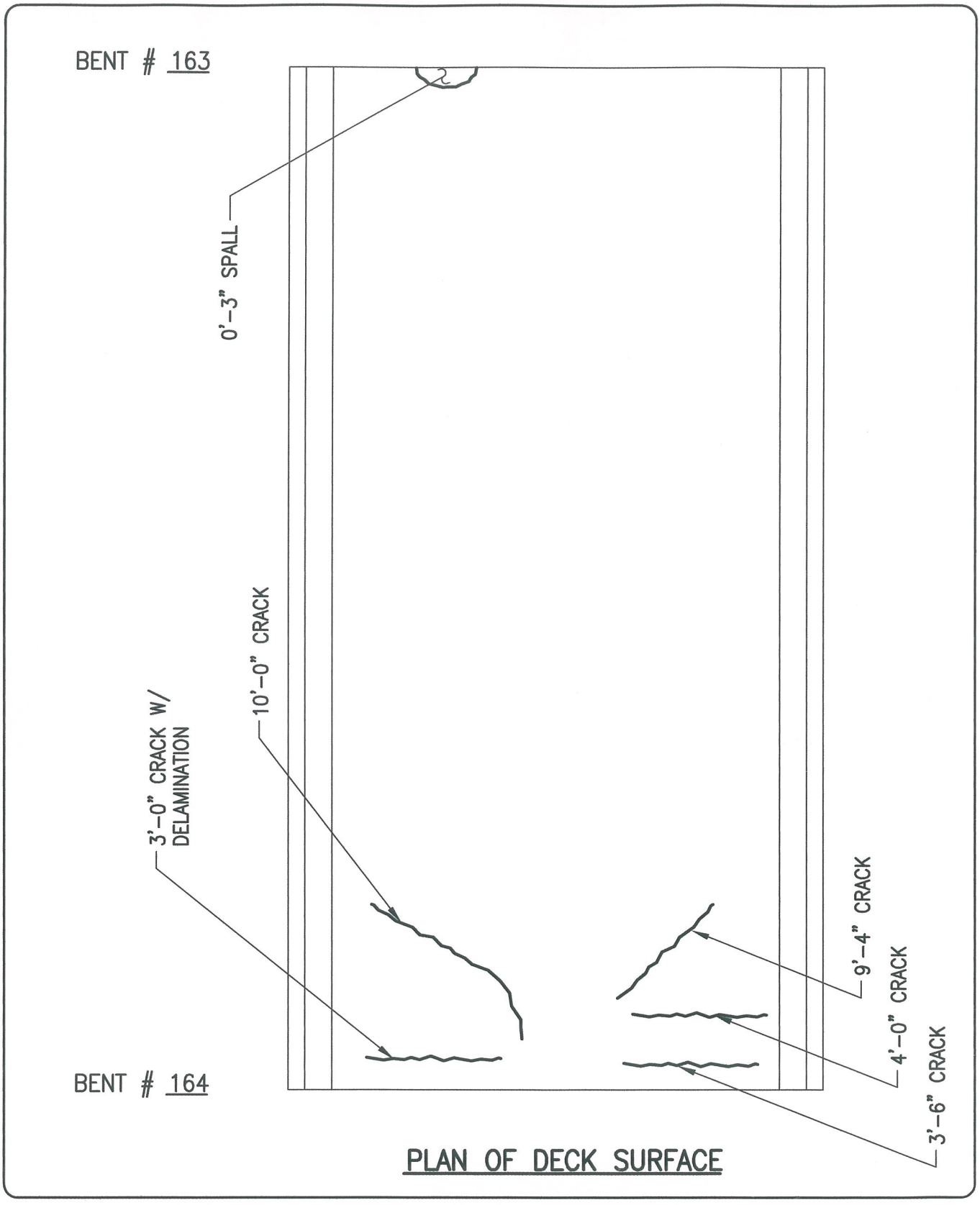
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1076 OF 1347	



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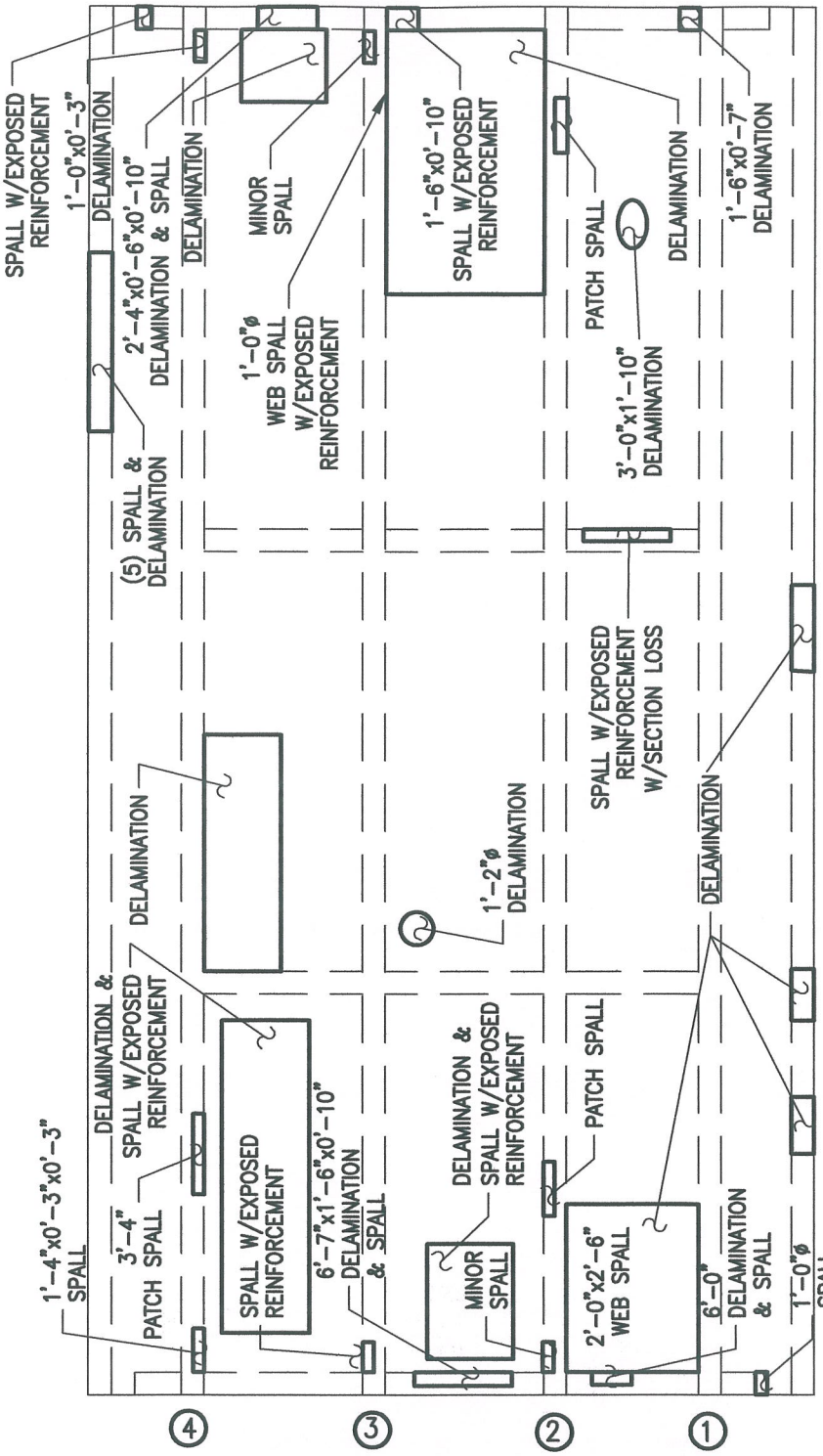
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1051 OF 1347	

BENT #163



BENT #164

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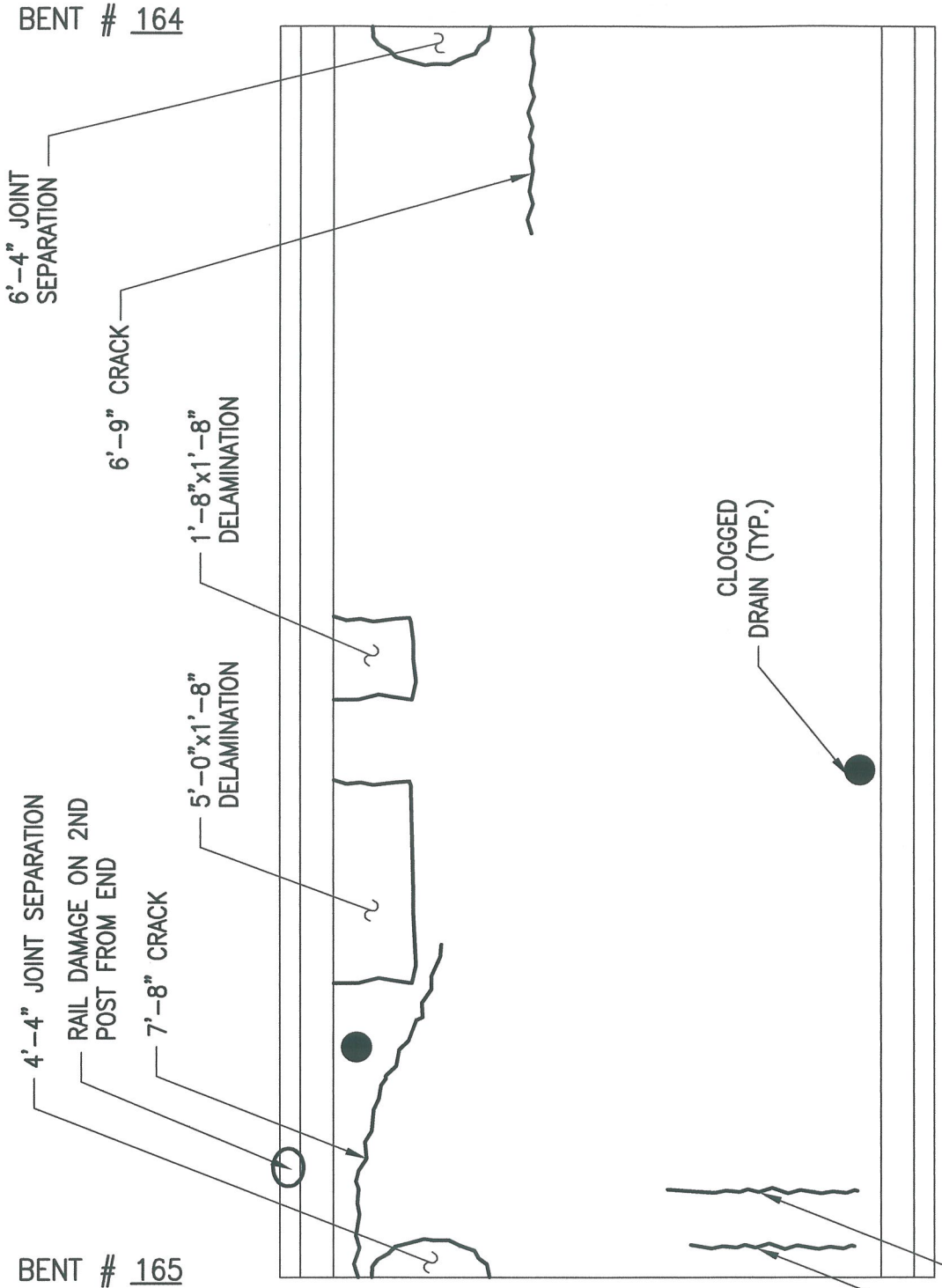
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1062 OF 1347	



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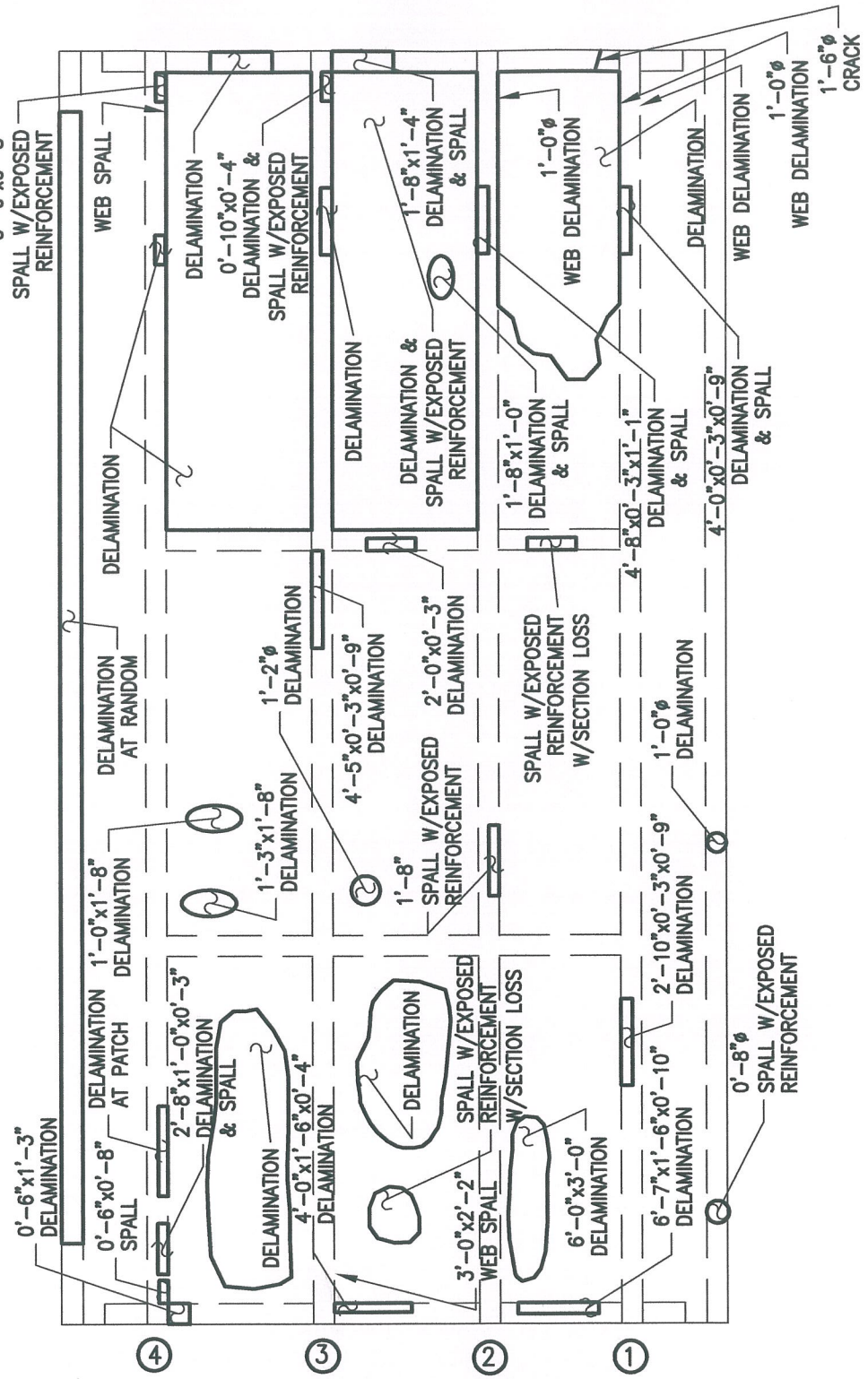
BRIDGE NO:	270011		
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1087 OF 1347	

BENT #164



BENT #165

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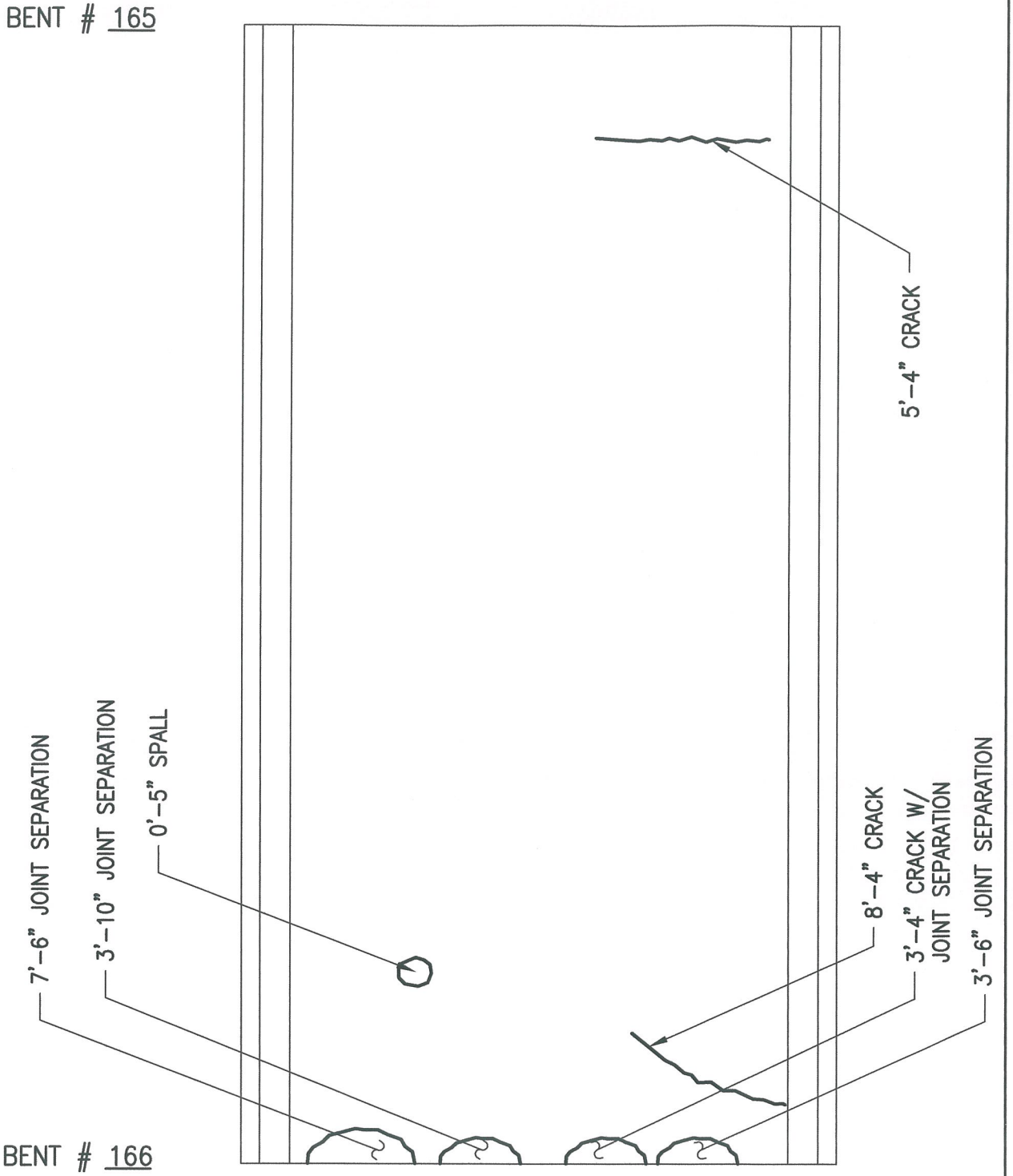
COUNTY:	DARE		
PREPARED BY:	OHS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1046 OF	1347



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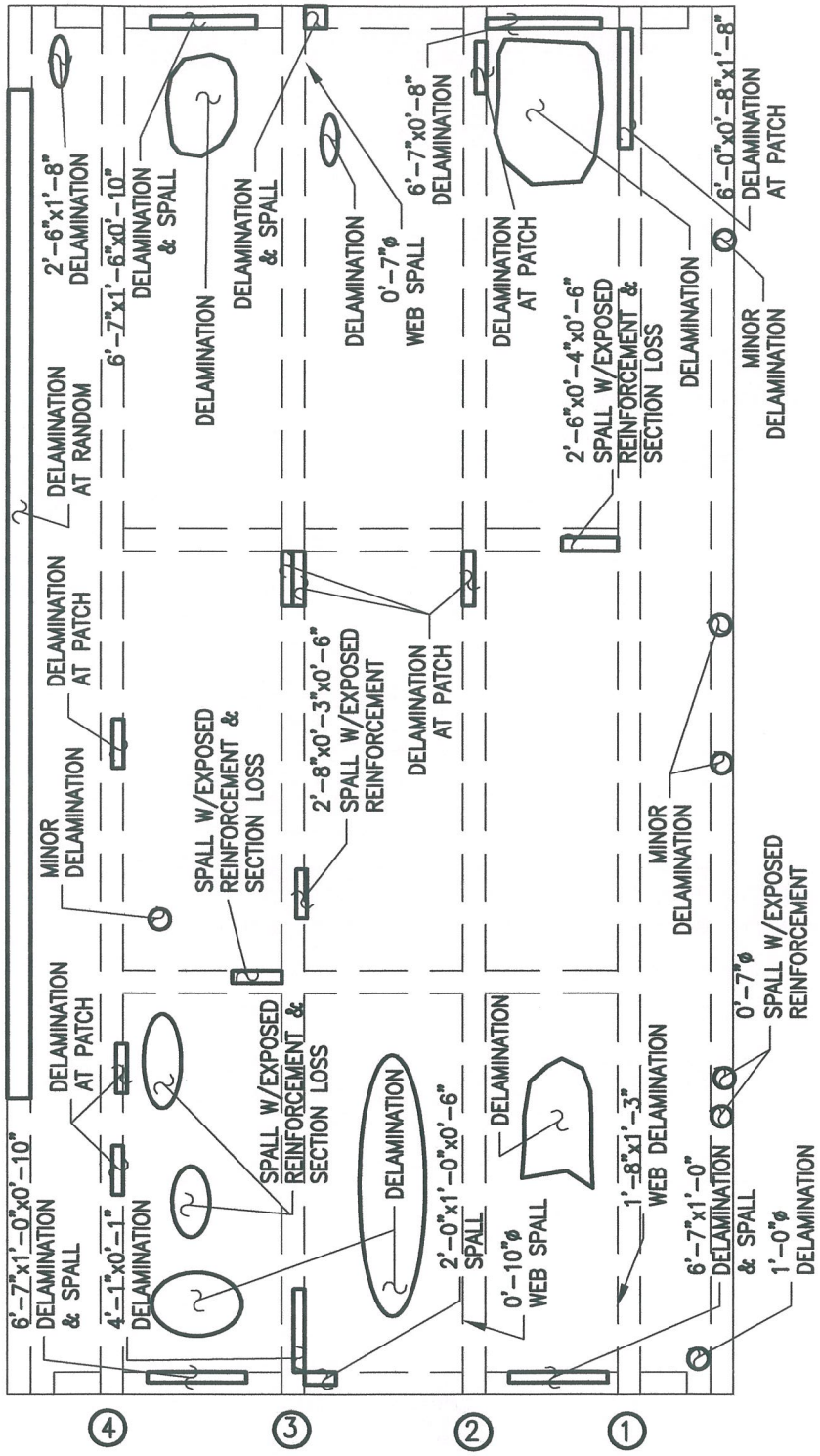
COUNTY:	DARE		
PREPARED BY:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 1093 OF	1347

BENT #165



BENT #166

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SCALE:	NTS		
DATE:	6/20/06	SHT 1094 OF	1347