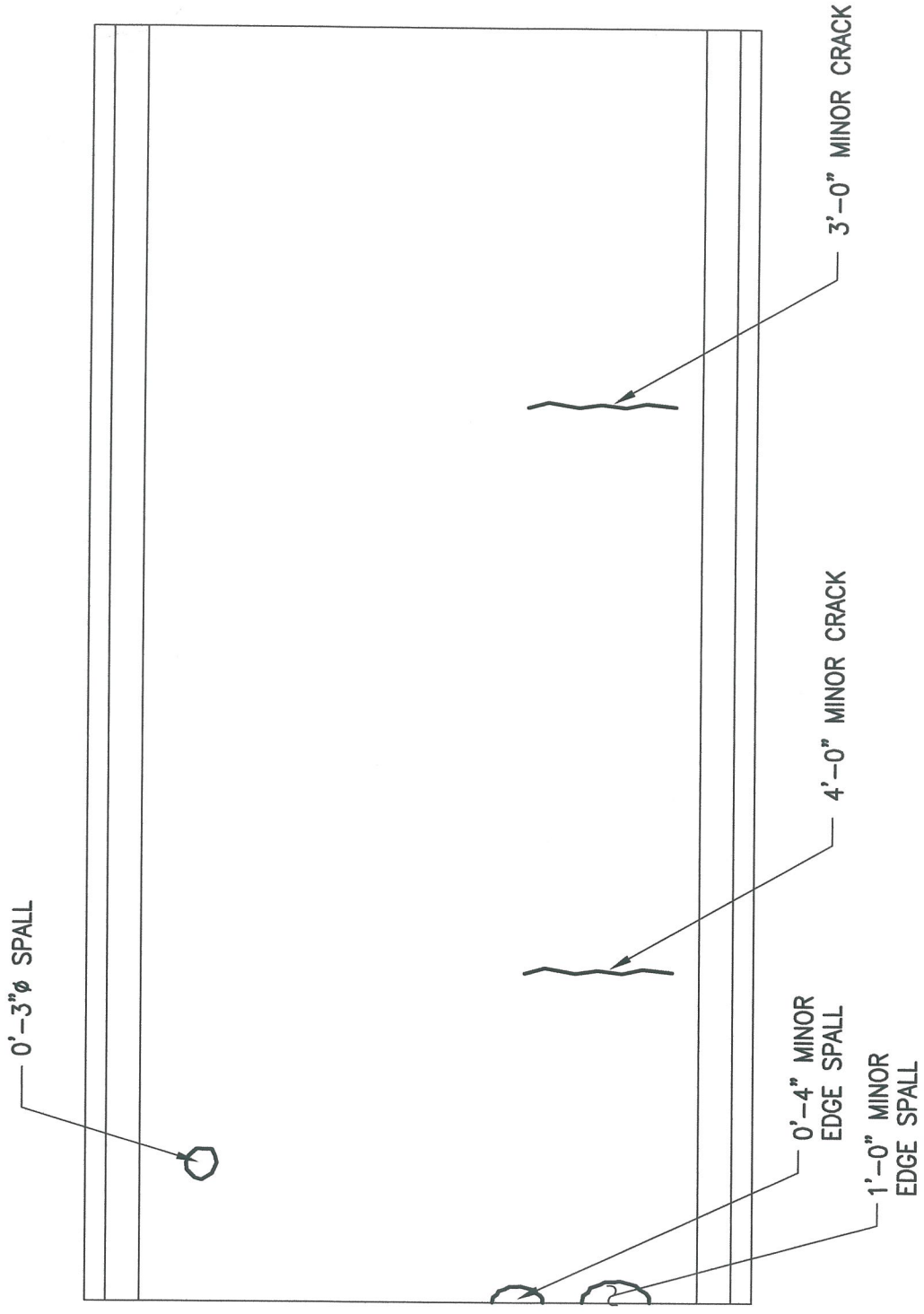
BENT # 50

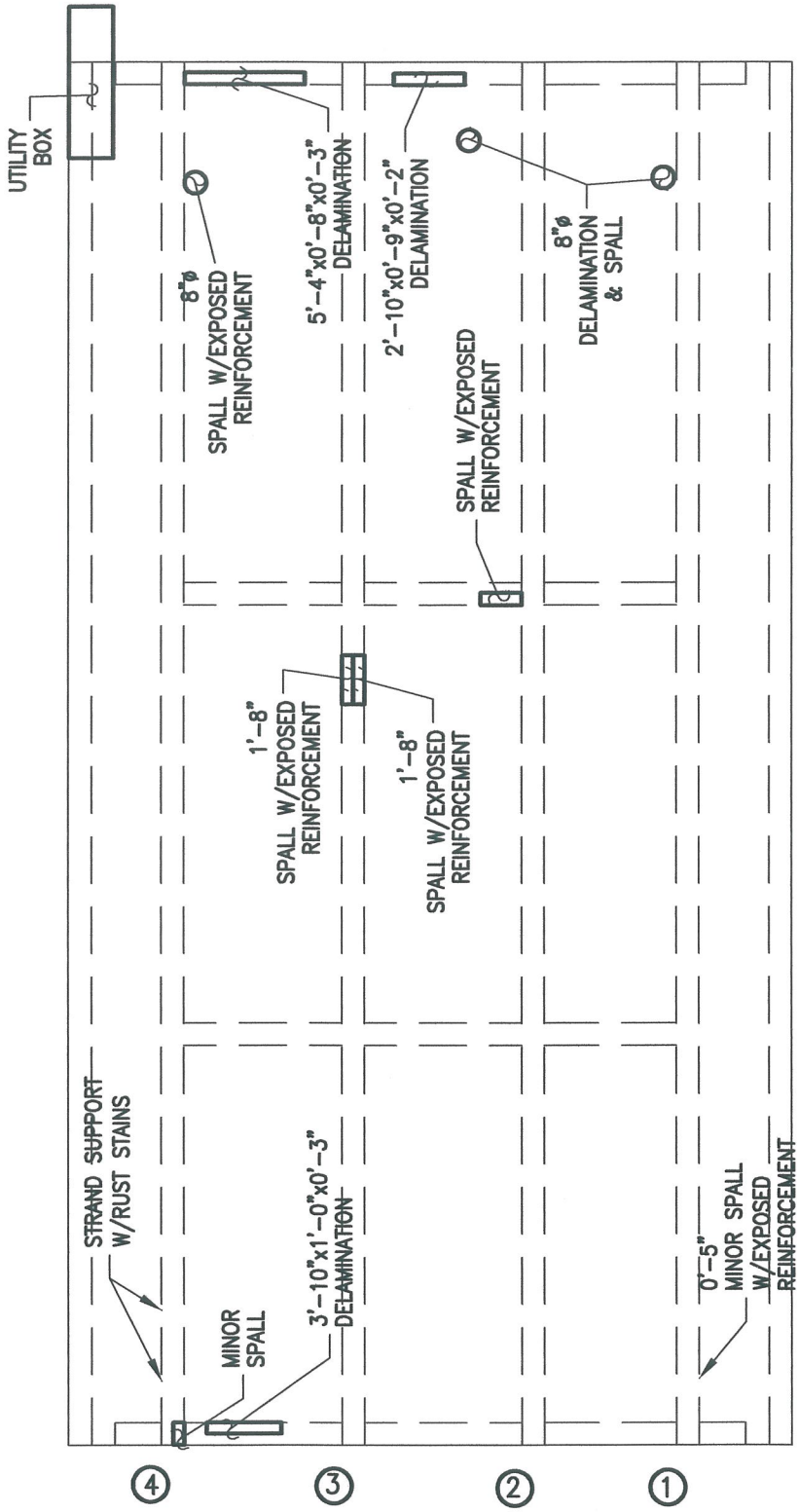


BENT # 51

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 396 OF	1347

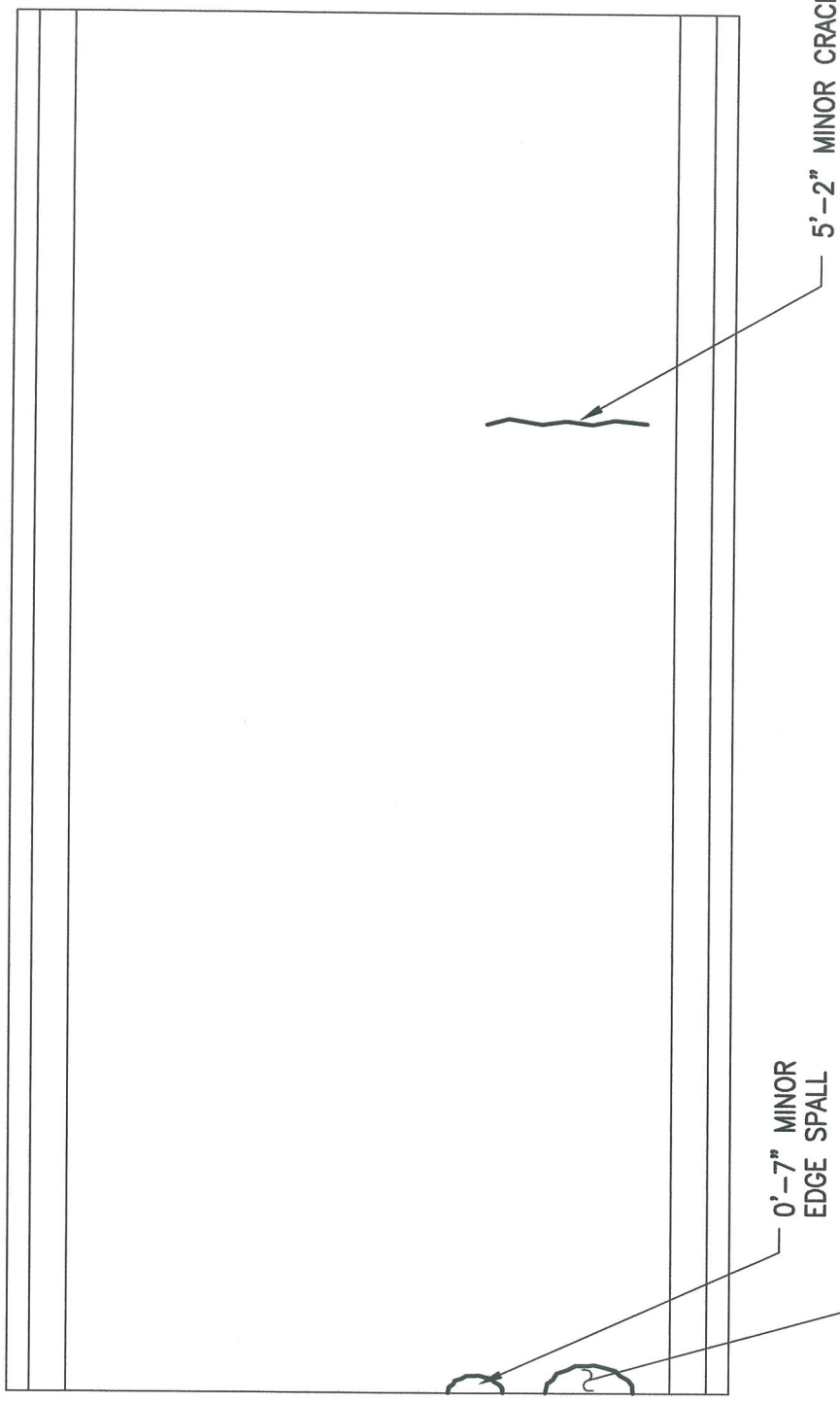


PLAN OF DECK UNDERSIDE

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 397 OF	1347

BENT # 51



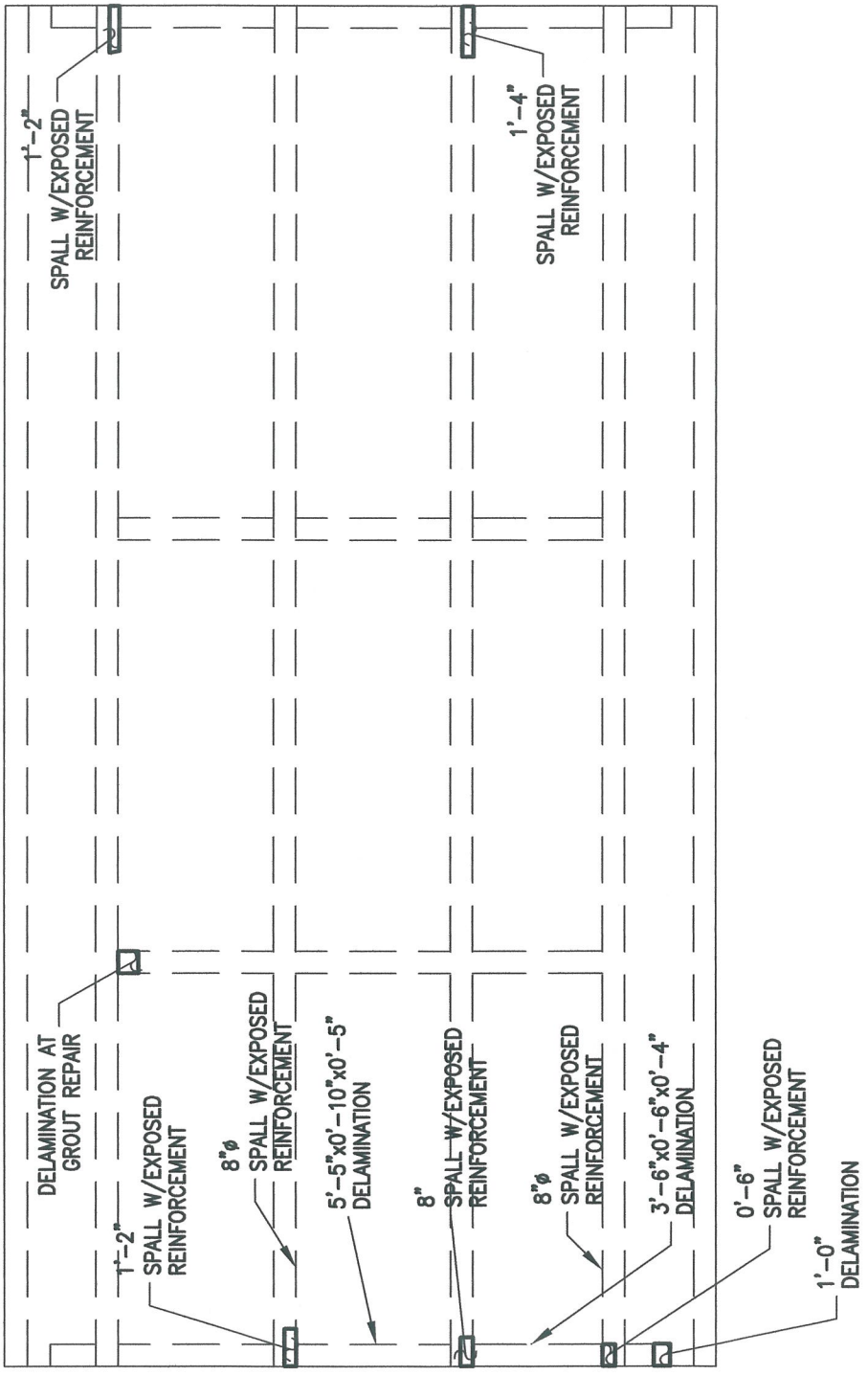
BENT # 52

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 402 OF	1347

BENT #51

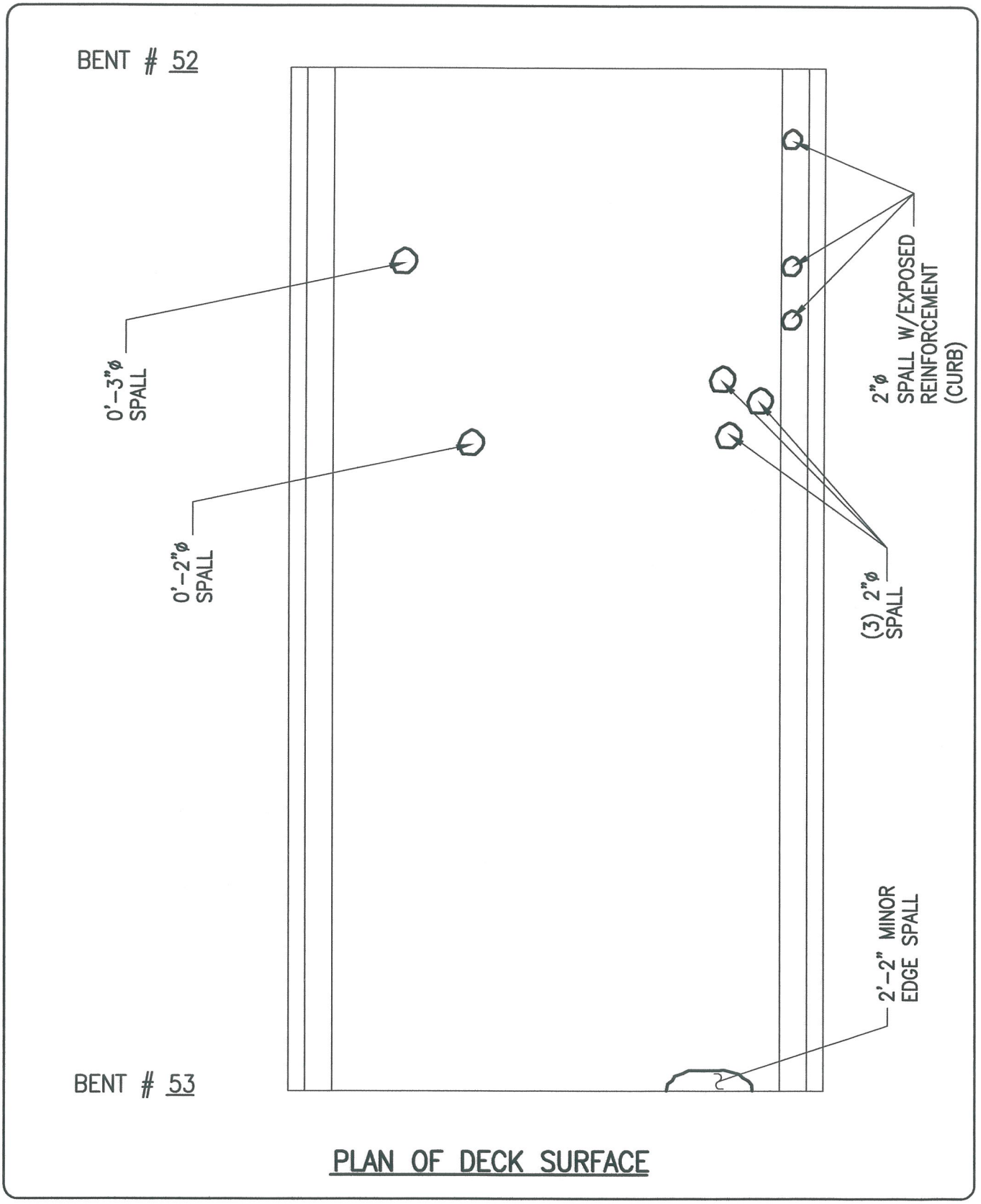


BENT #52

PLAN OF DECK UNDERSIDE

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 403 OF	1347

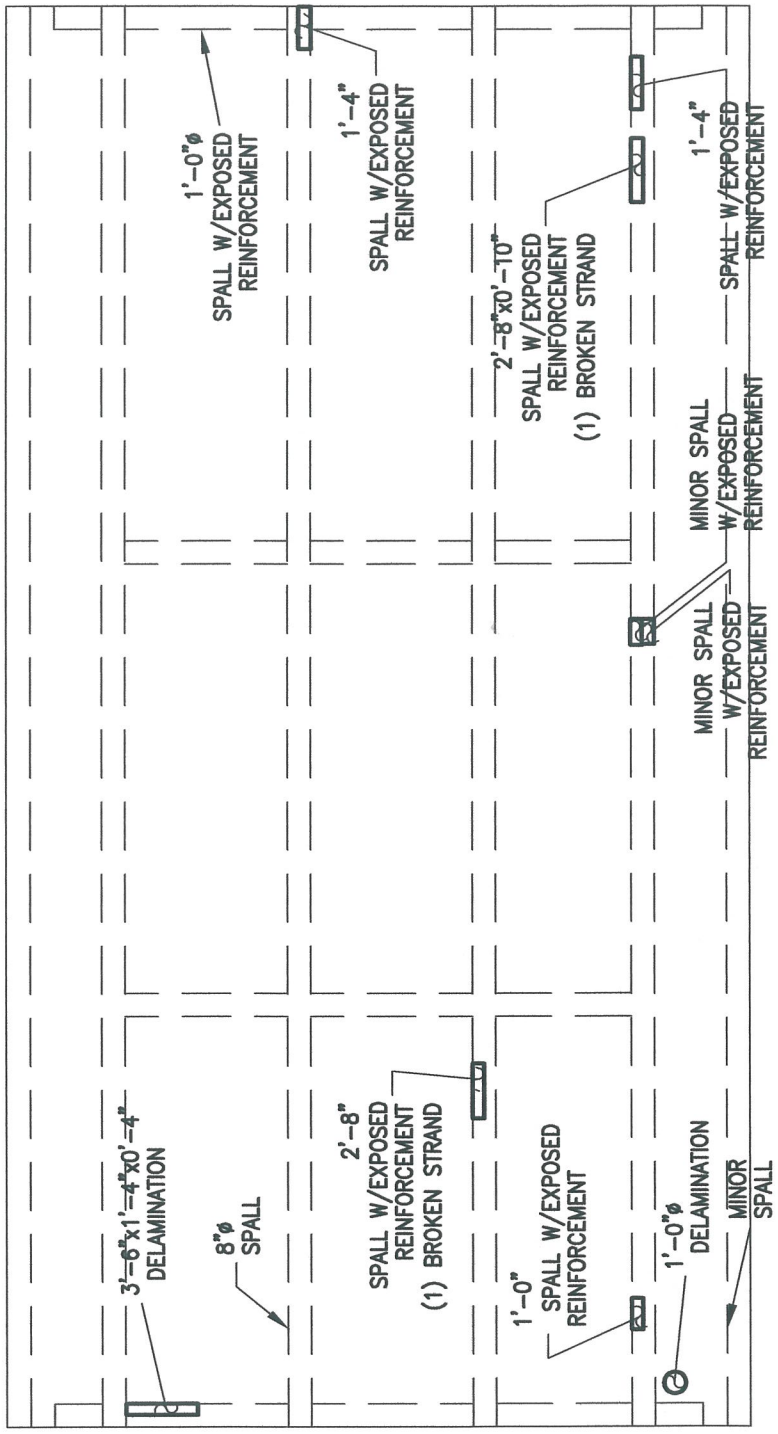


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 408 OF 1347	

BENT #52



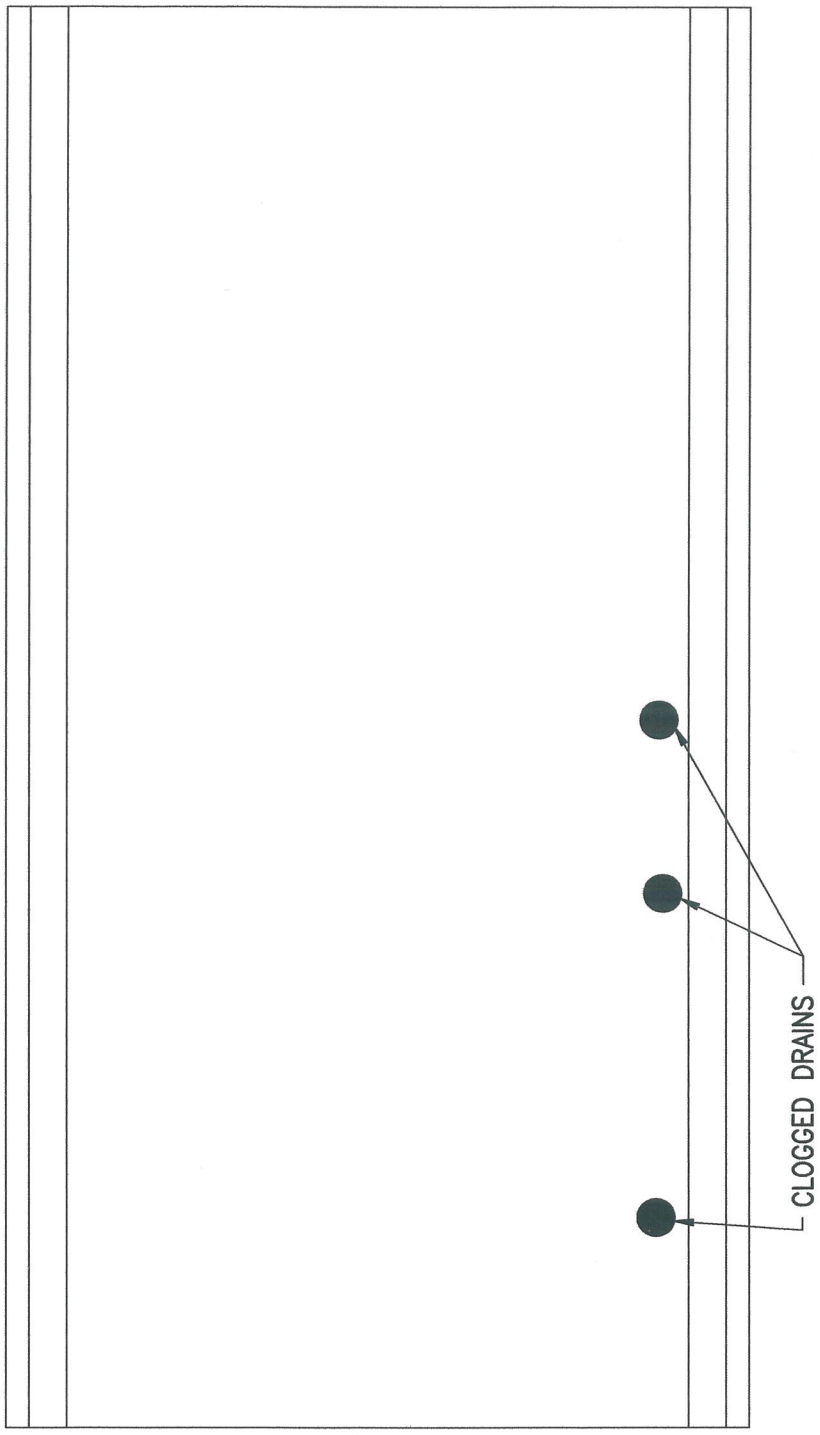
BENT #53

PLAN OF DECK UNDERSIDE

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 409 OF	1347

BENT # 53



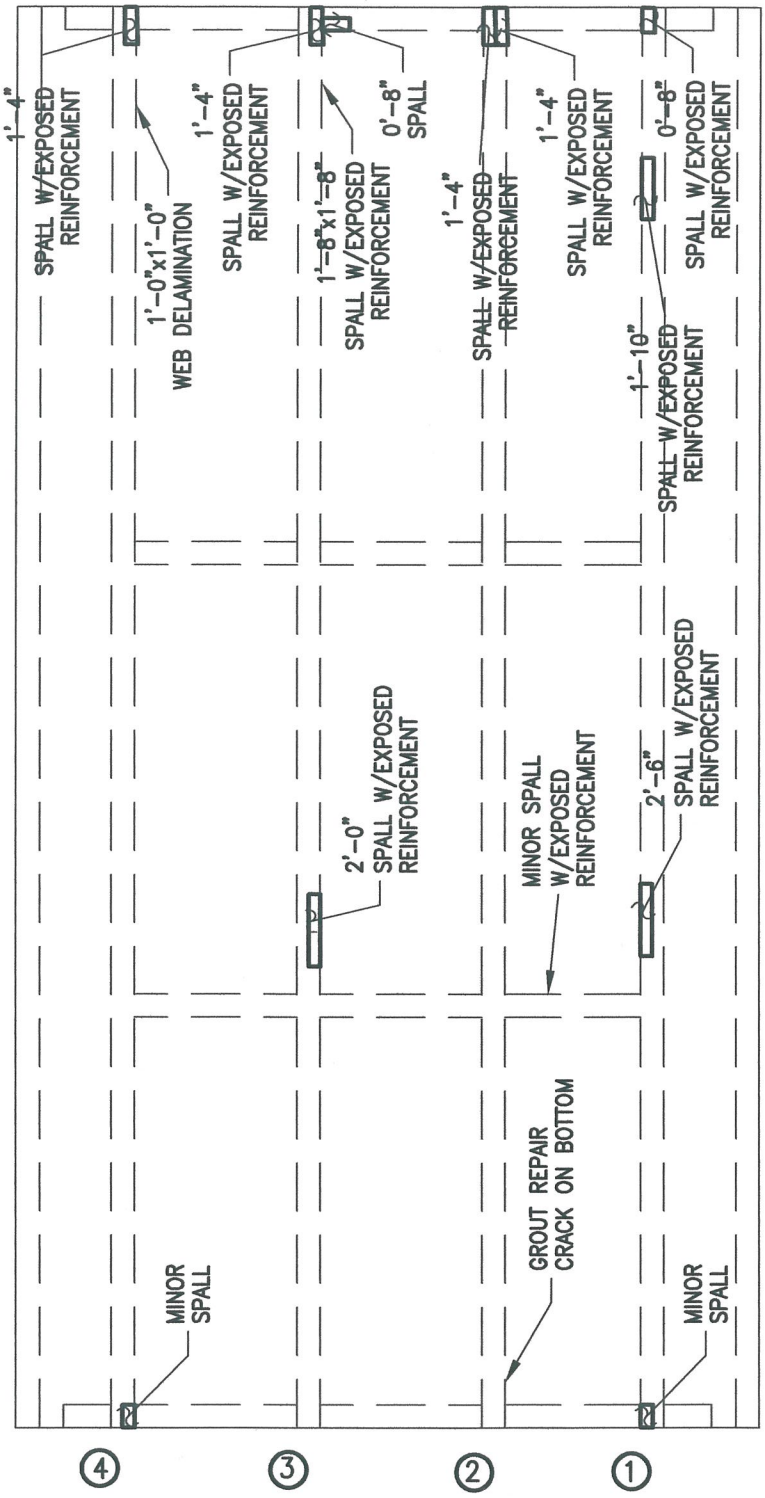
BENT # 54

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 414 OF 1347	

BENT #53

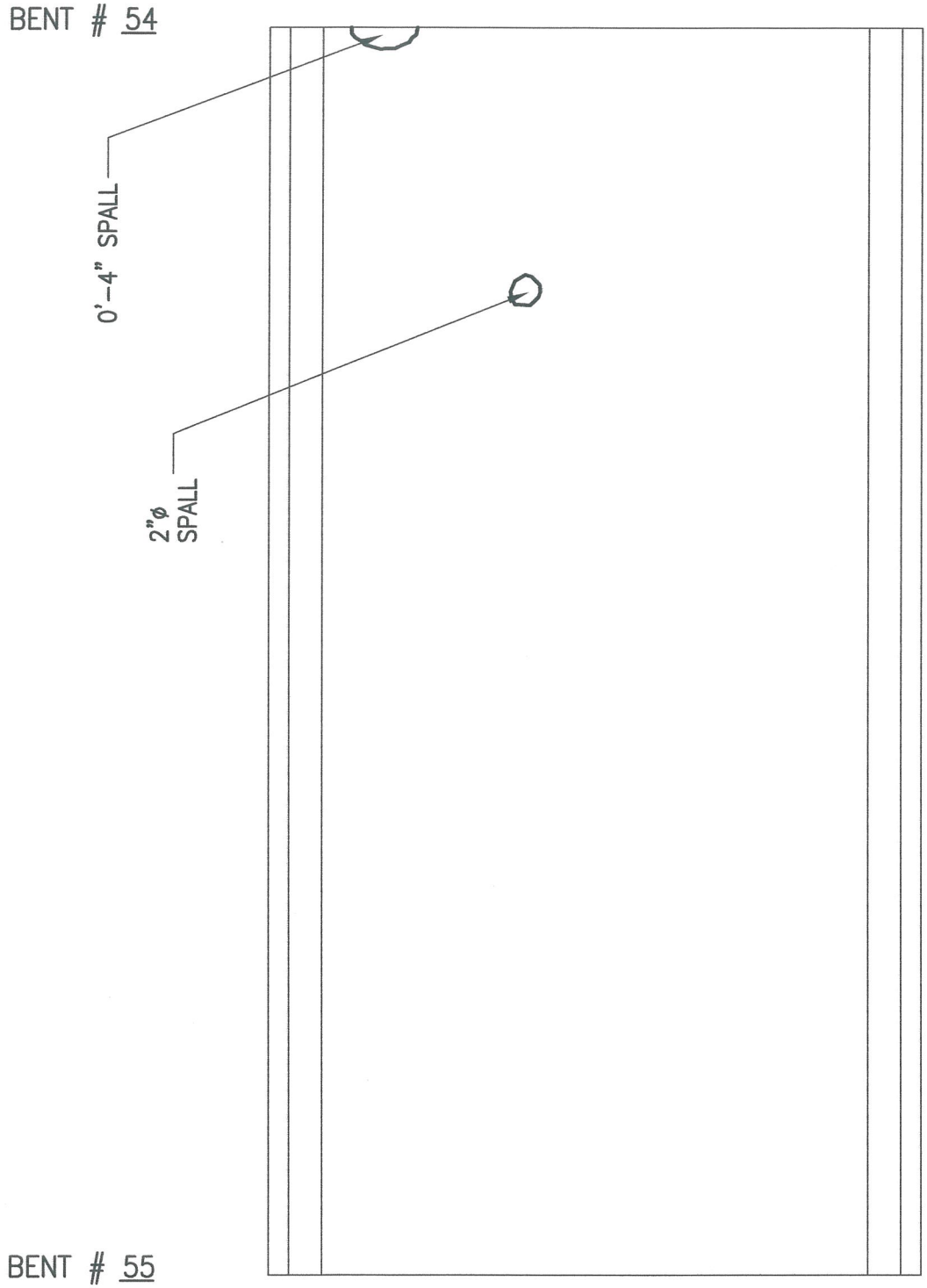


BENT #54

PLAN OF DECK UNDERSIDE

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 415 OF 1347	

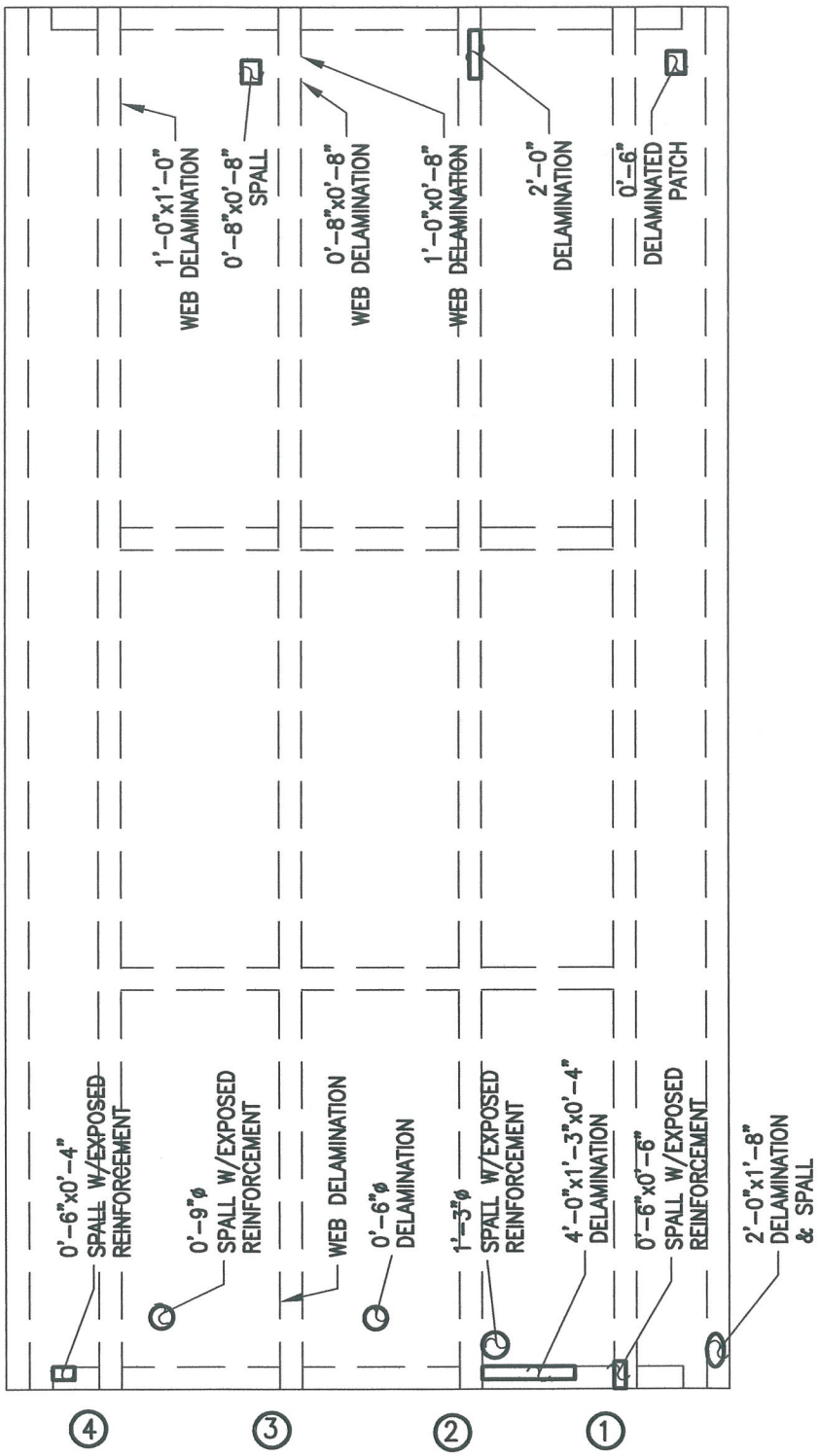


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 420 OF	1347

BENT #54



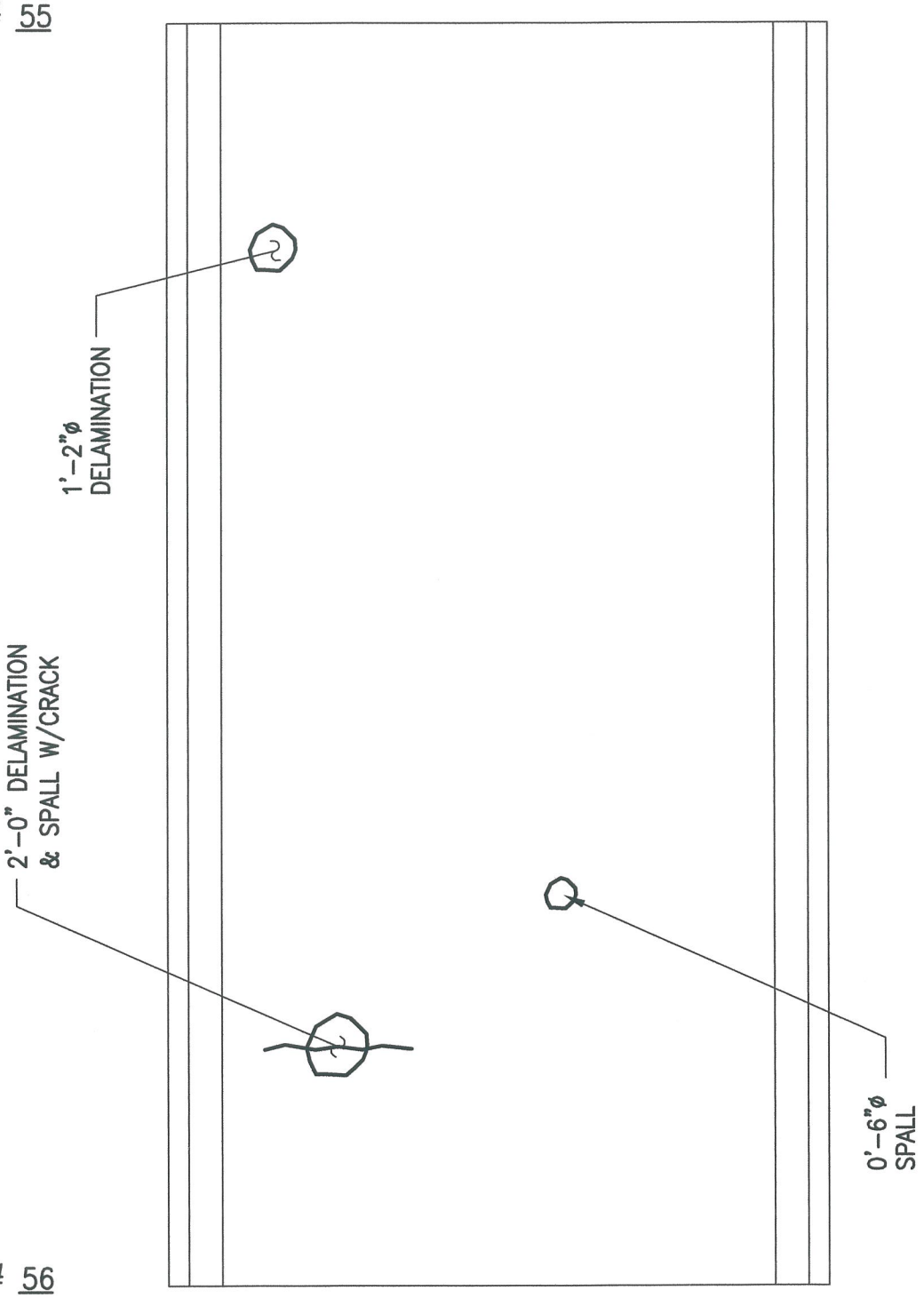
BENT #55

PLAN OF DECK UNDERSIDE

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 421 OF 1347	

BENT # 55

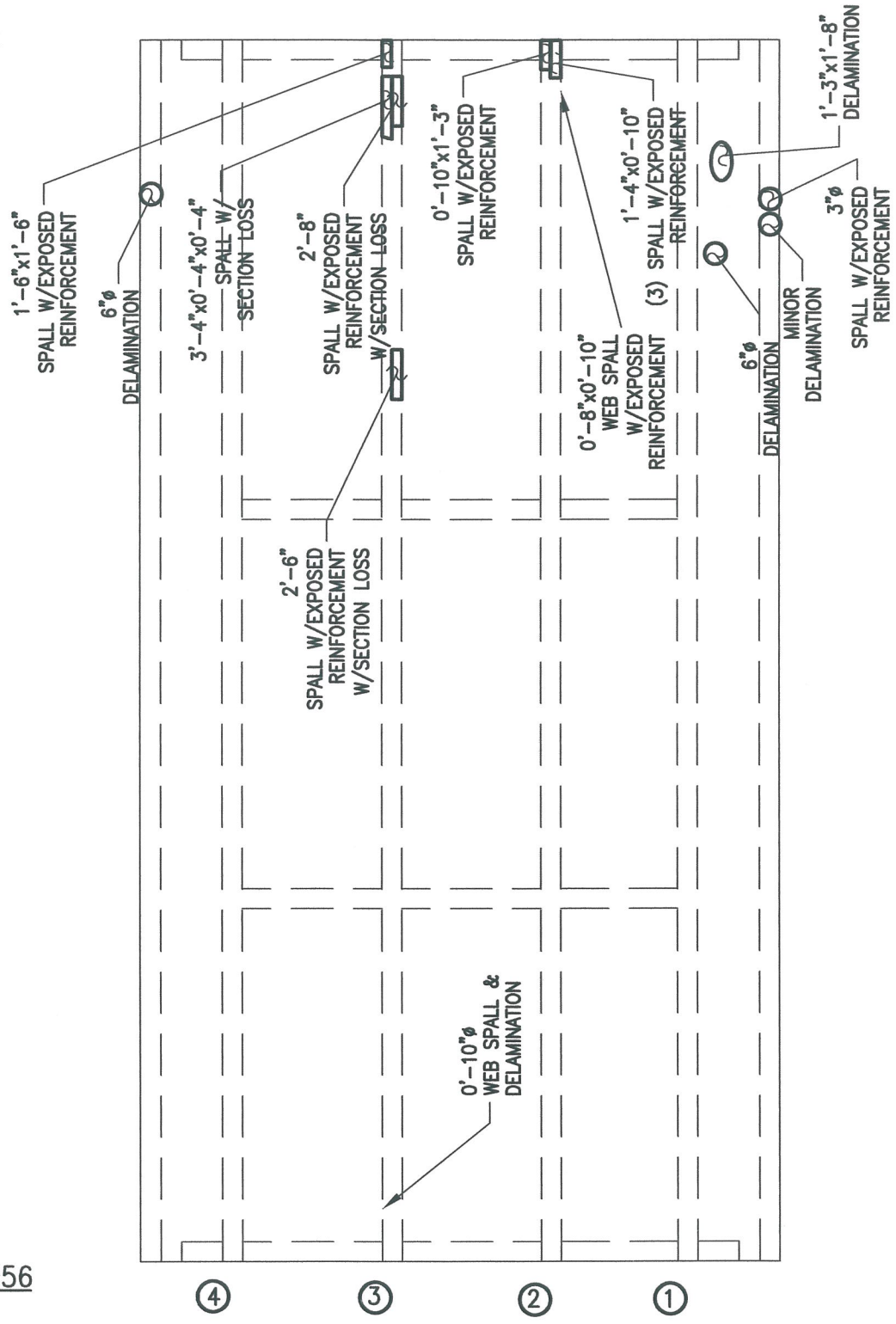


BENT # 56

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 426 OF 1347	

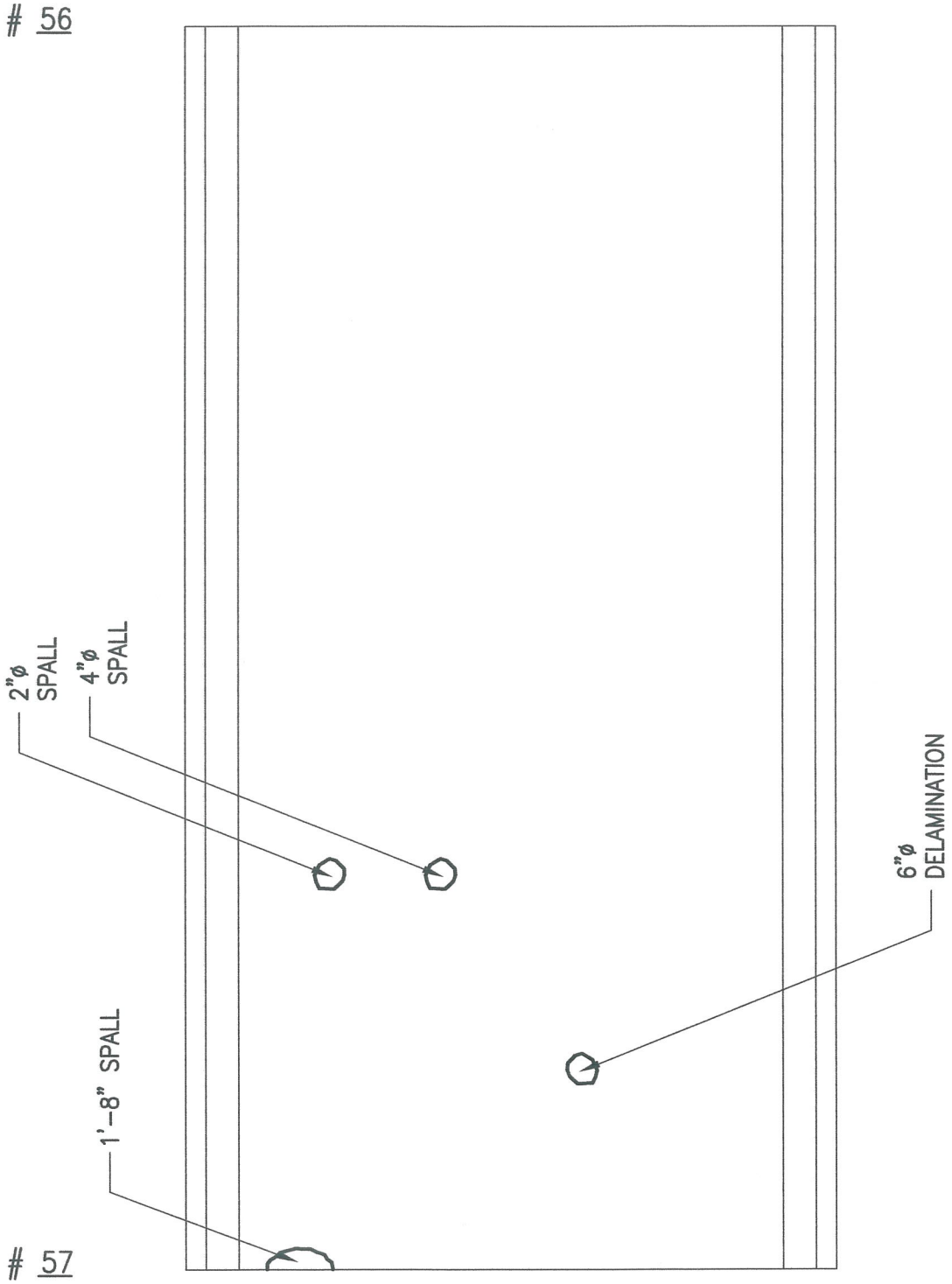


PLAN OF DECK UNDERSIDE

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 427 OF	1347

BENT # 56



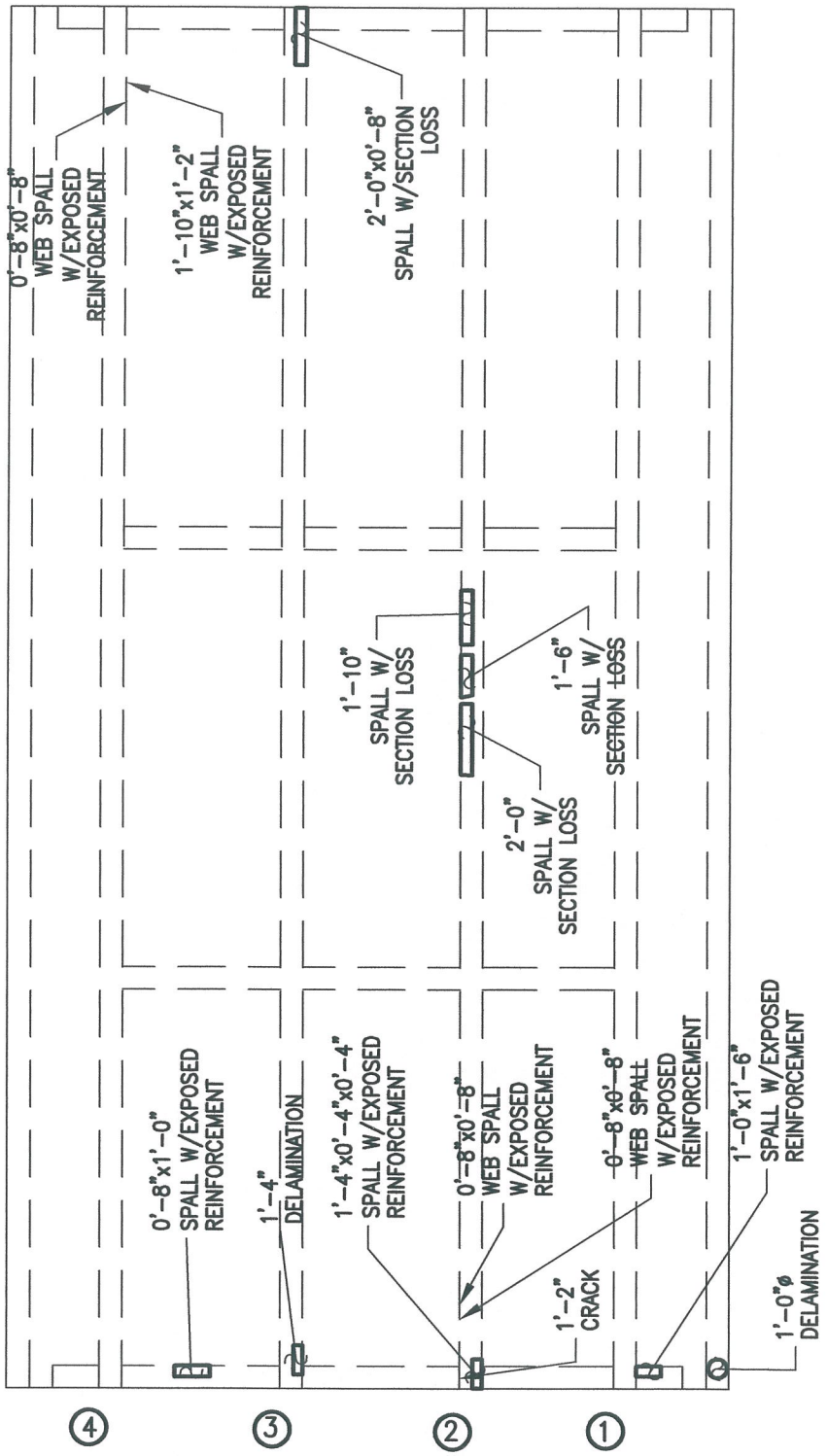
BENT # 57

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 432 OF 1347	

BENT #56

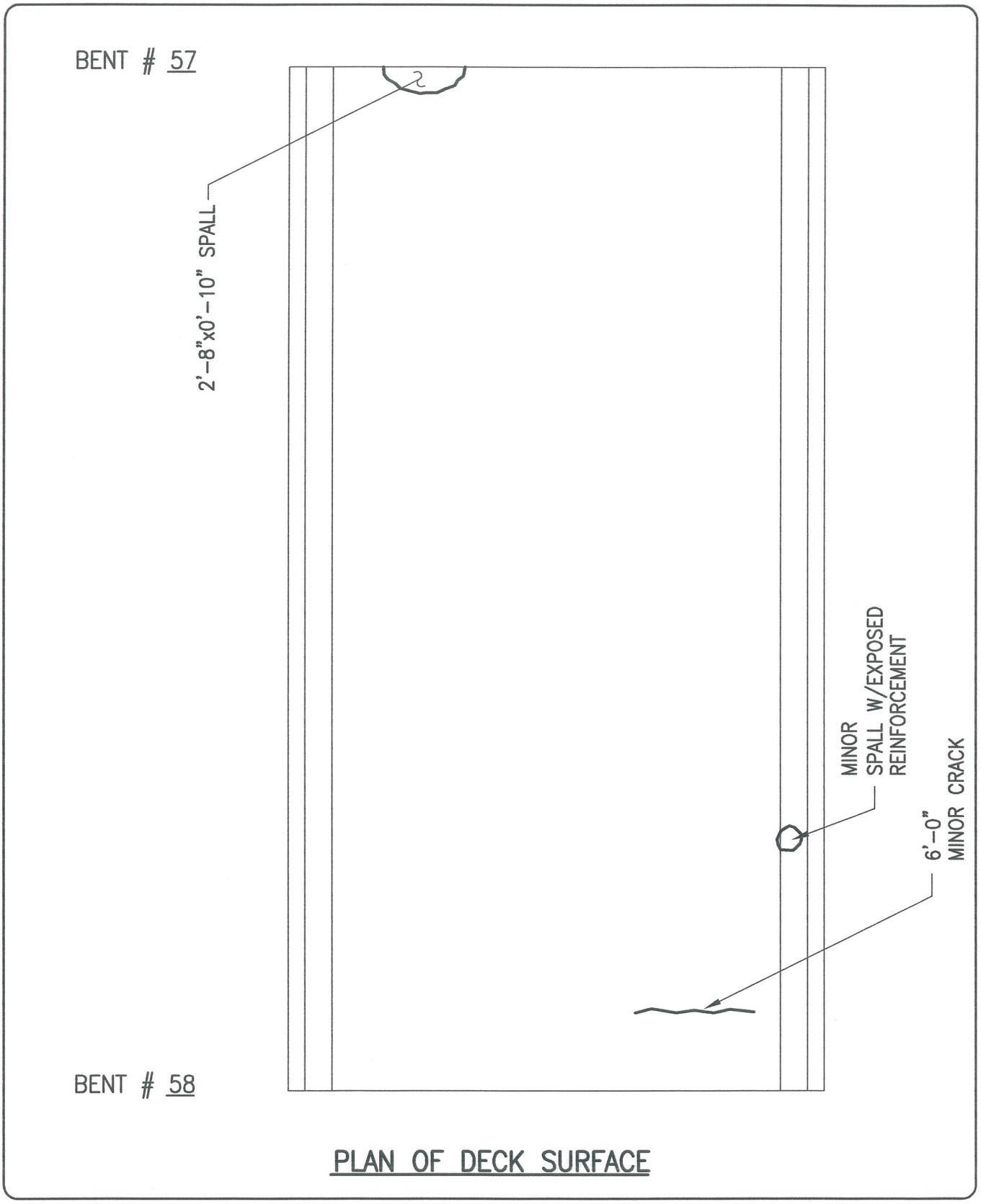


BENT #57

PLAN OF DECK UNDERSIDE

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 433 OF 1347	

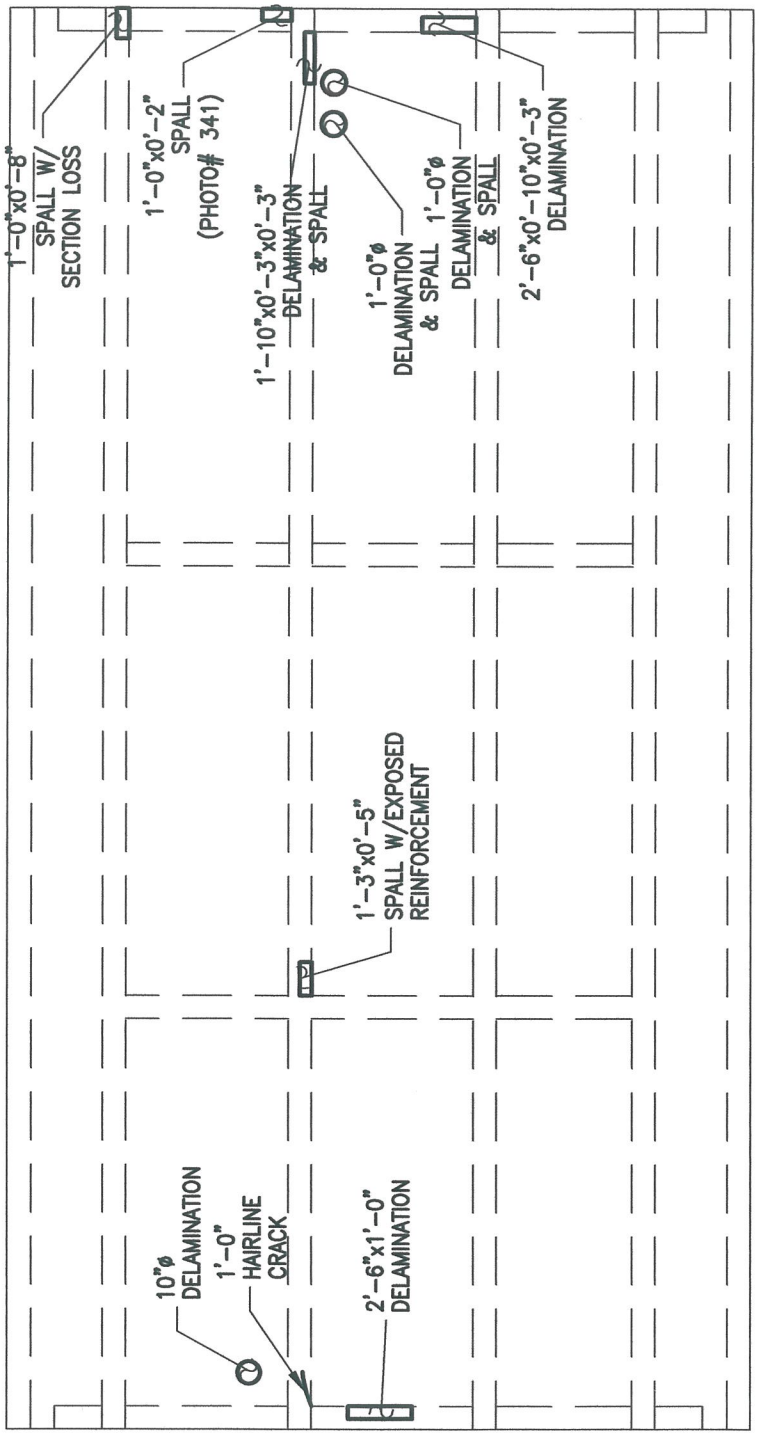


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 438 OF	1347

BENT #57

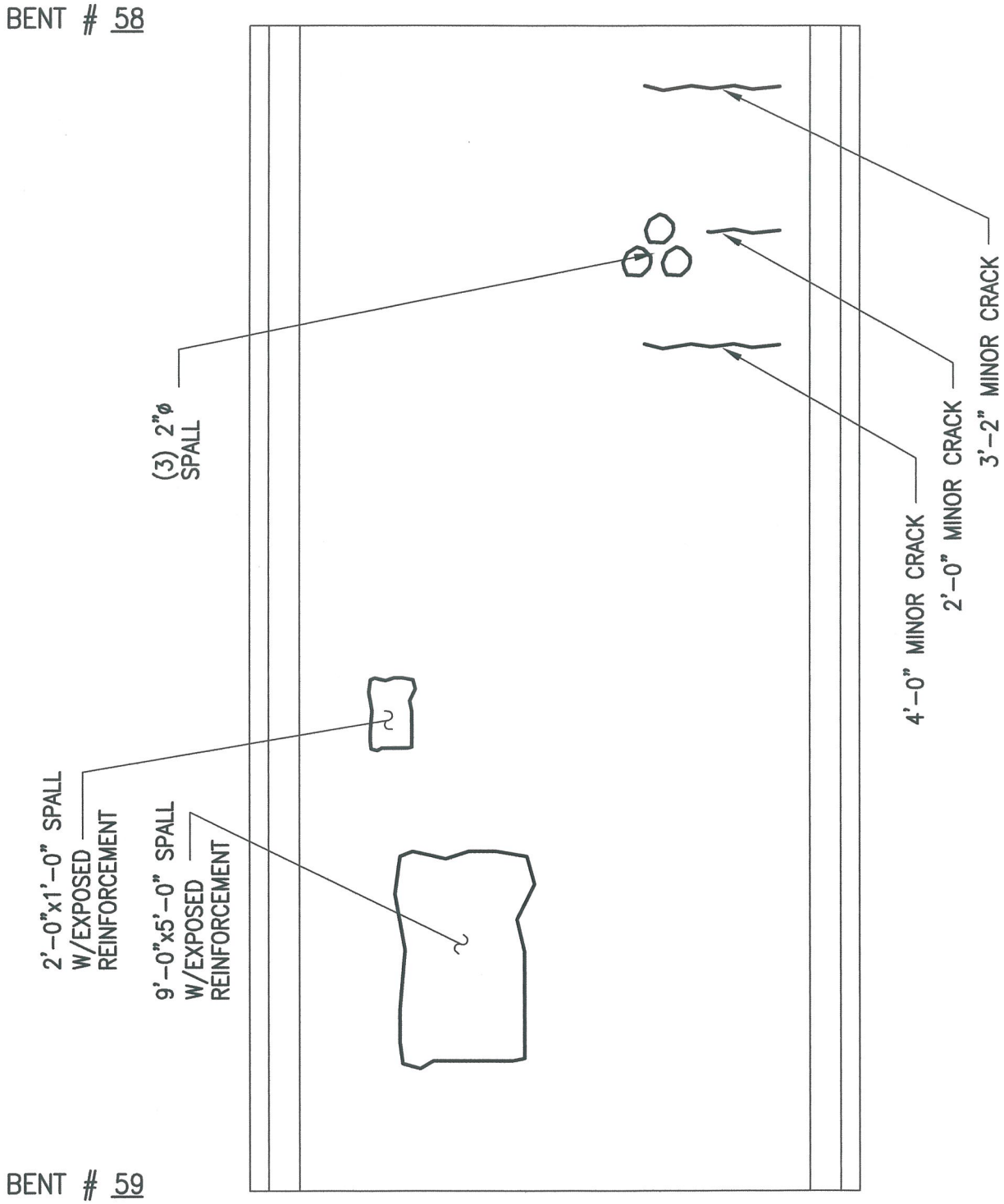


BENT #58

PLAN OF DECK UNDERSIDE

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 439 OF	1347

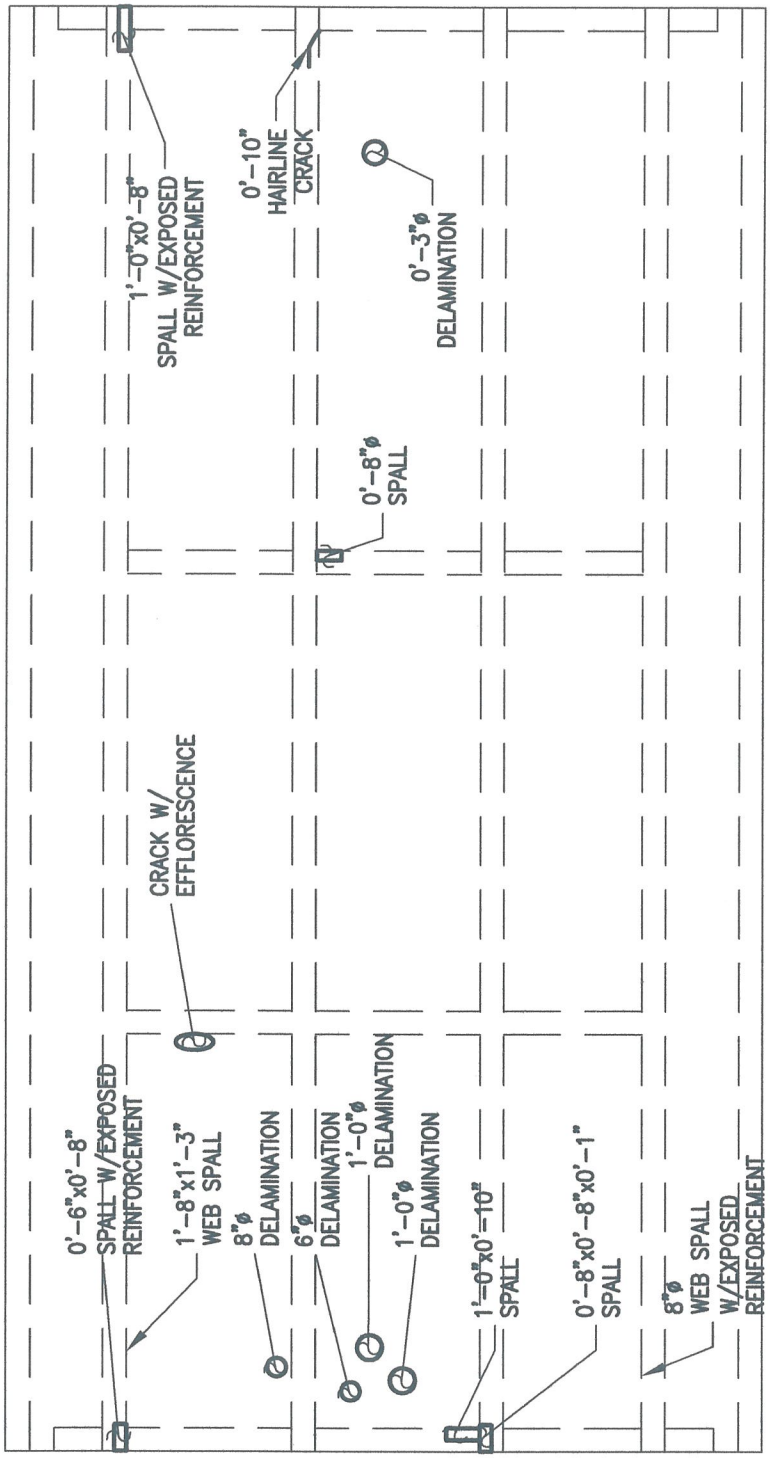


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 444 OF 1347	

BENT #58

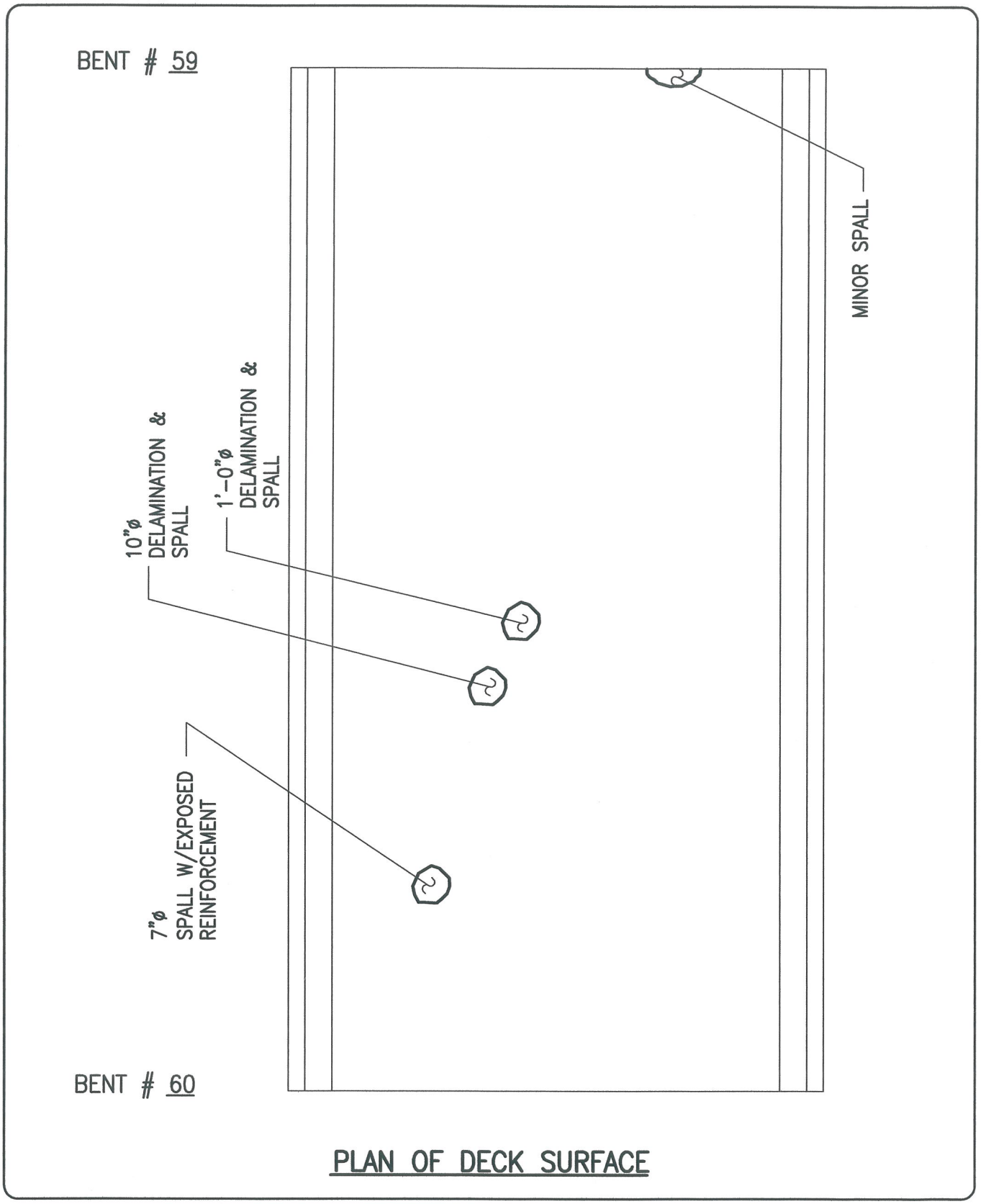


BENT #59

PLAN OF DECK UNDERSIDE

ALPHA & OMEGA GROUP
CIVIL & STRUCTURAL ENGINEERS
4911 Green Road Suite 107 Raleigh, NC 27616
Phone 919 981 0314 Fax 919 981 0451
Email [illegible] www.aogroup.com

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

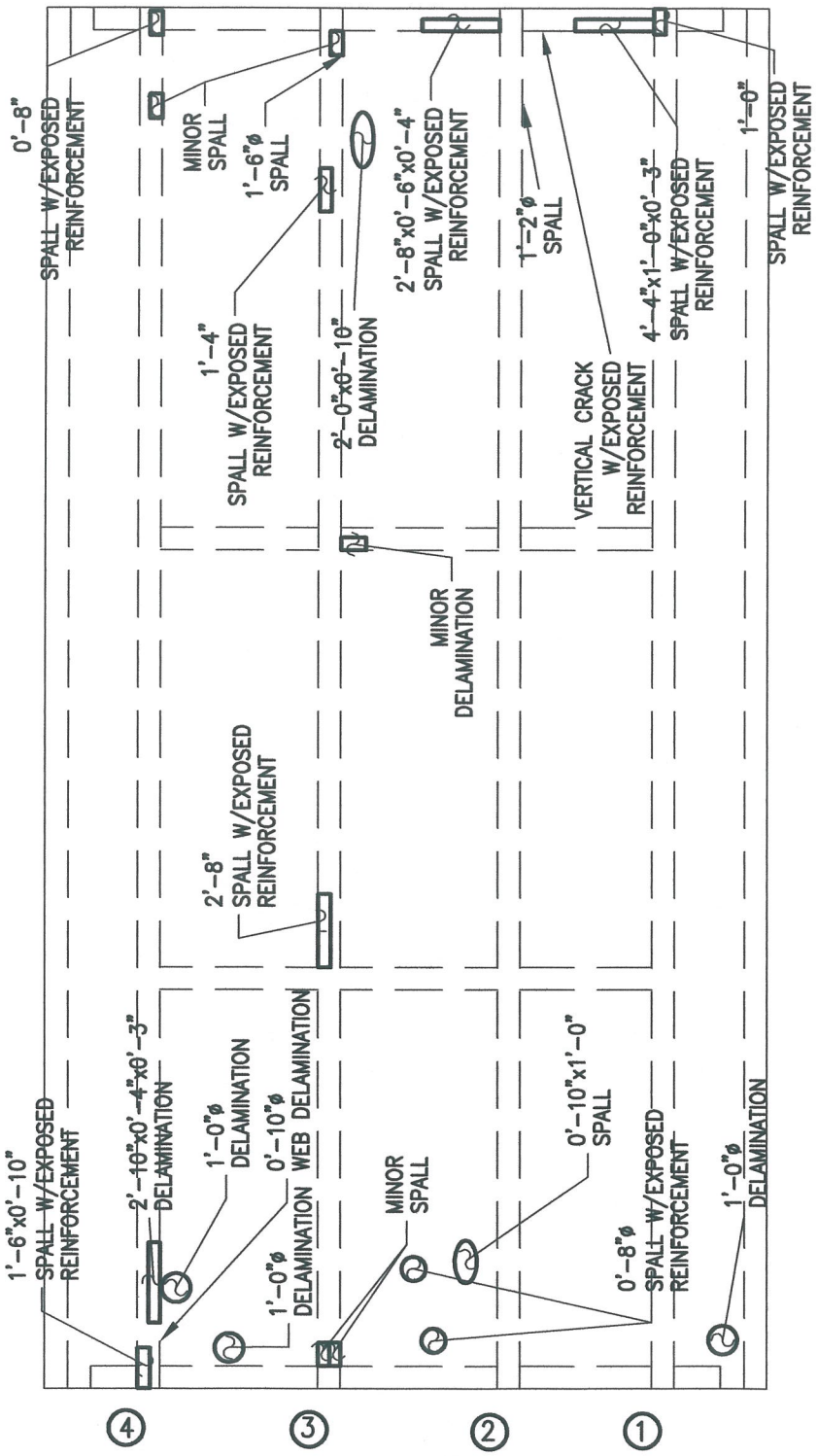


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 450 OF 1347	

BENT #59

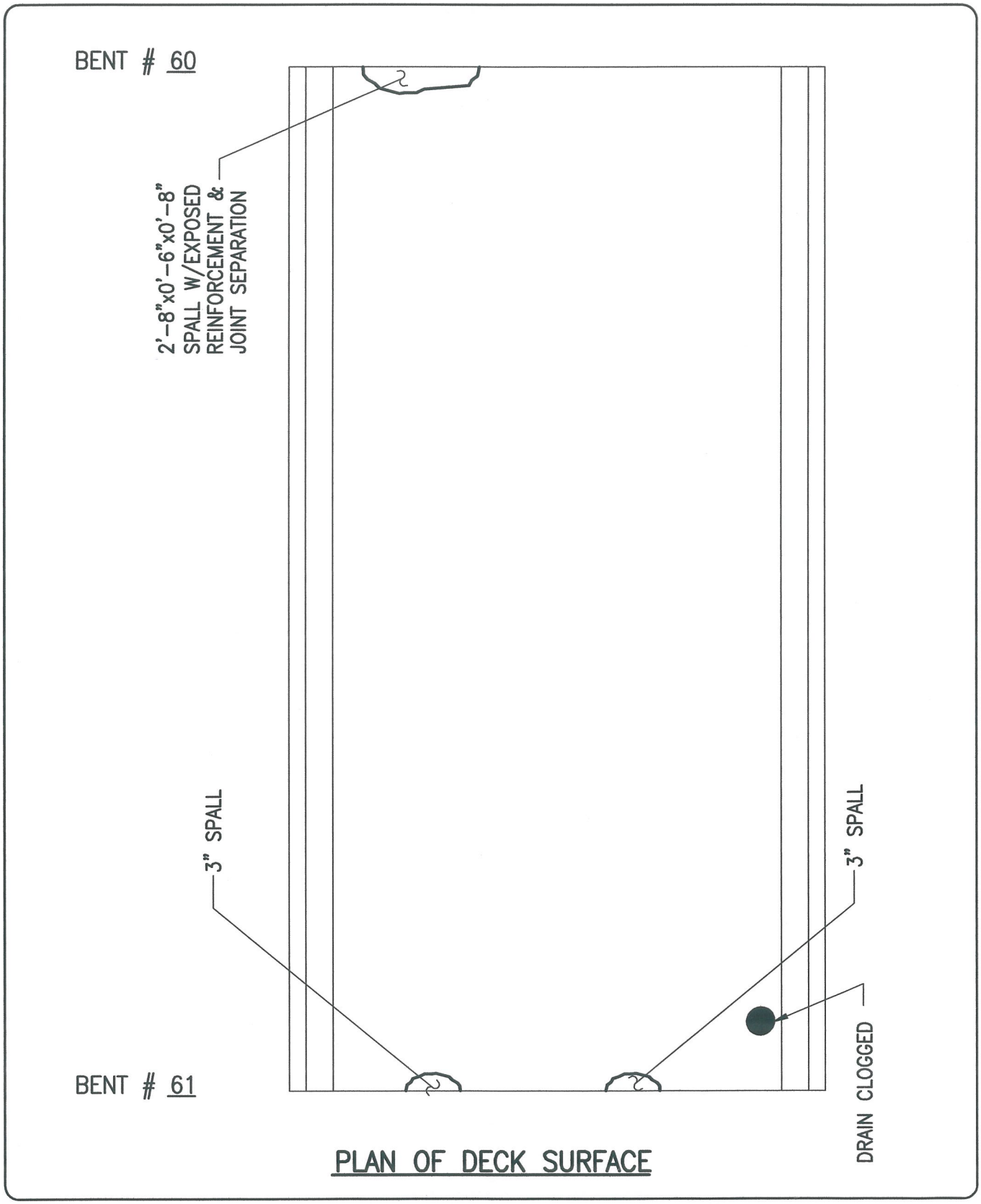


BENT #60

PLAN OF DECK UNDERSIDE

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 45 OF 1347	

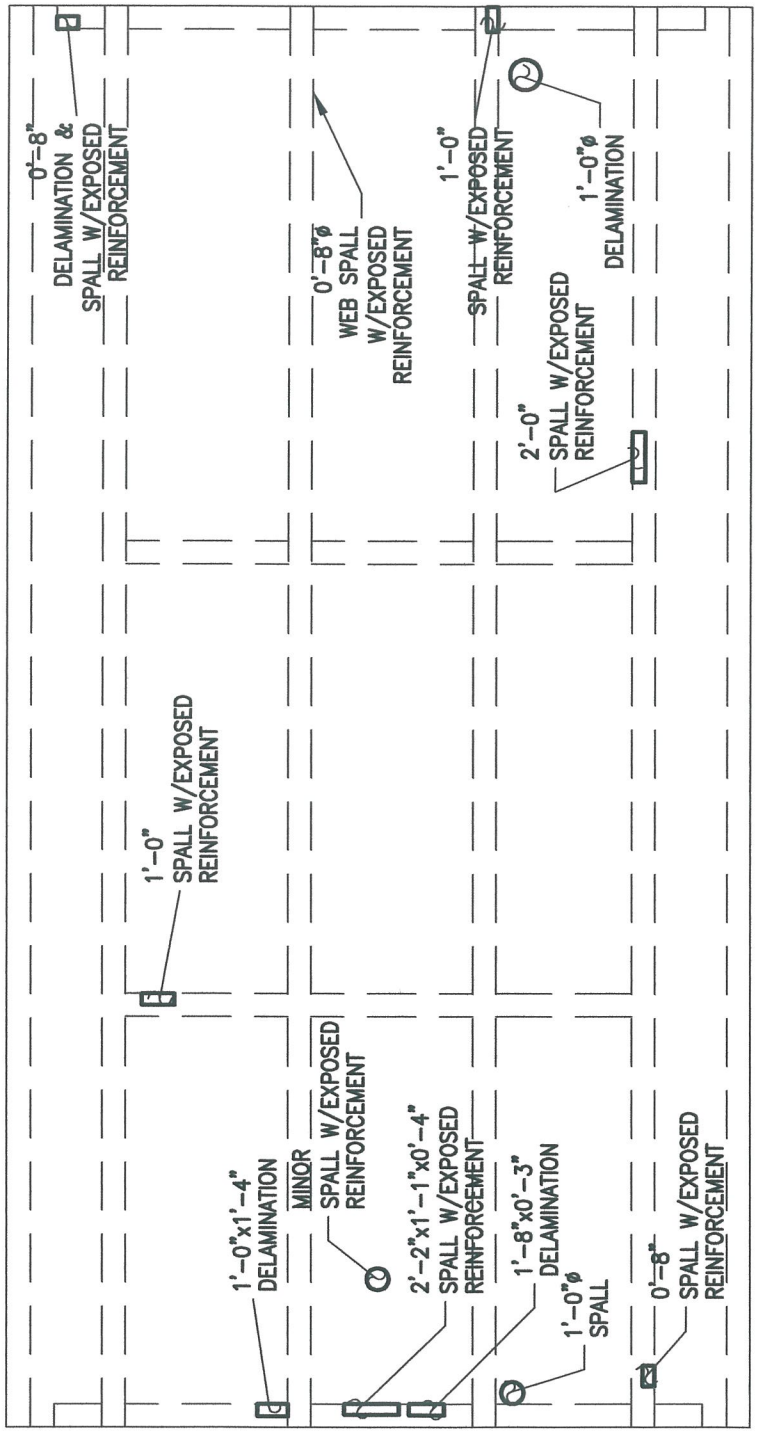


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 456 OF 1347	

BENT #60



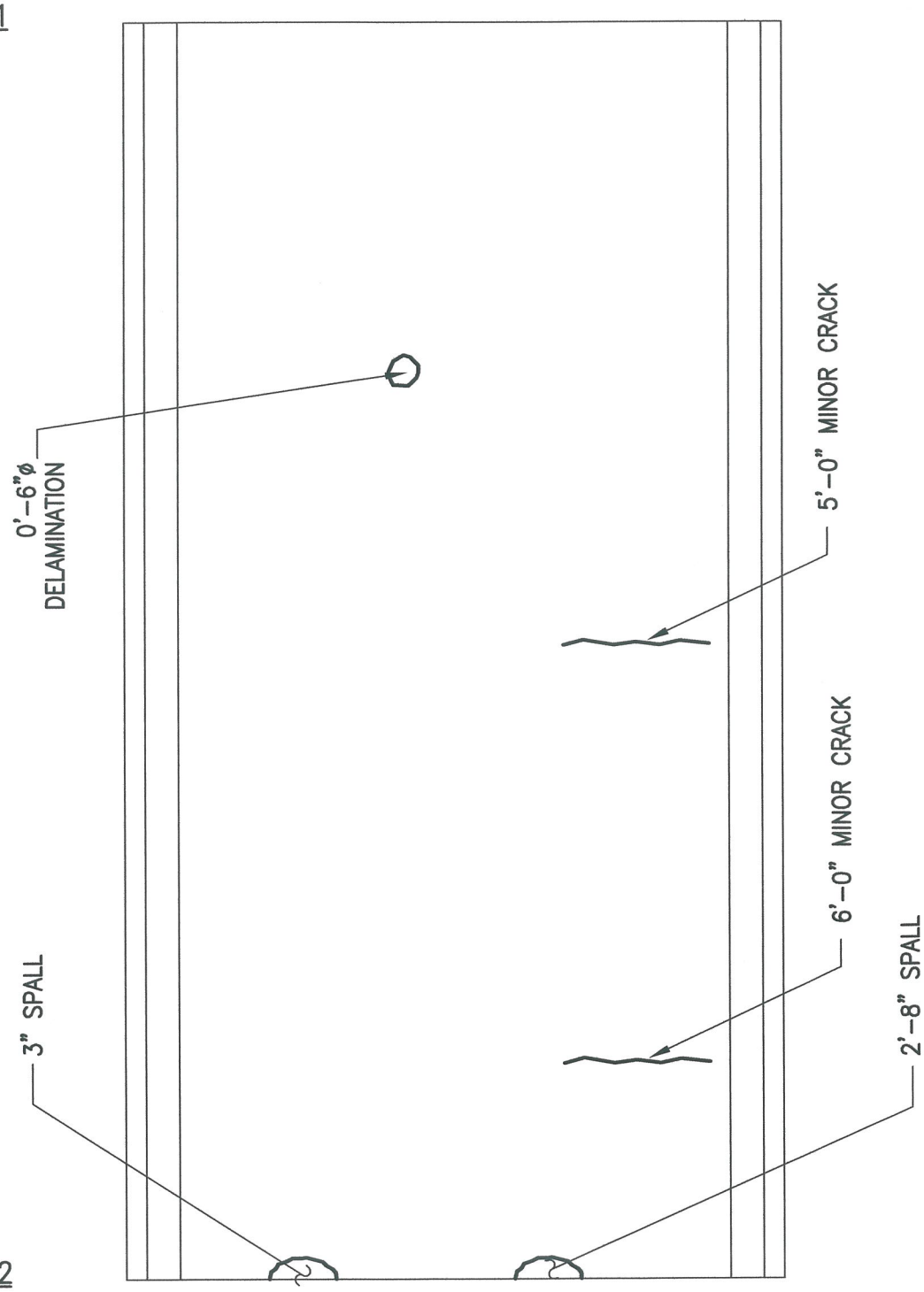
BENT #61

PLAN OF DECK UNDERSIDE

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 457 OF 1347	

BENT # 61



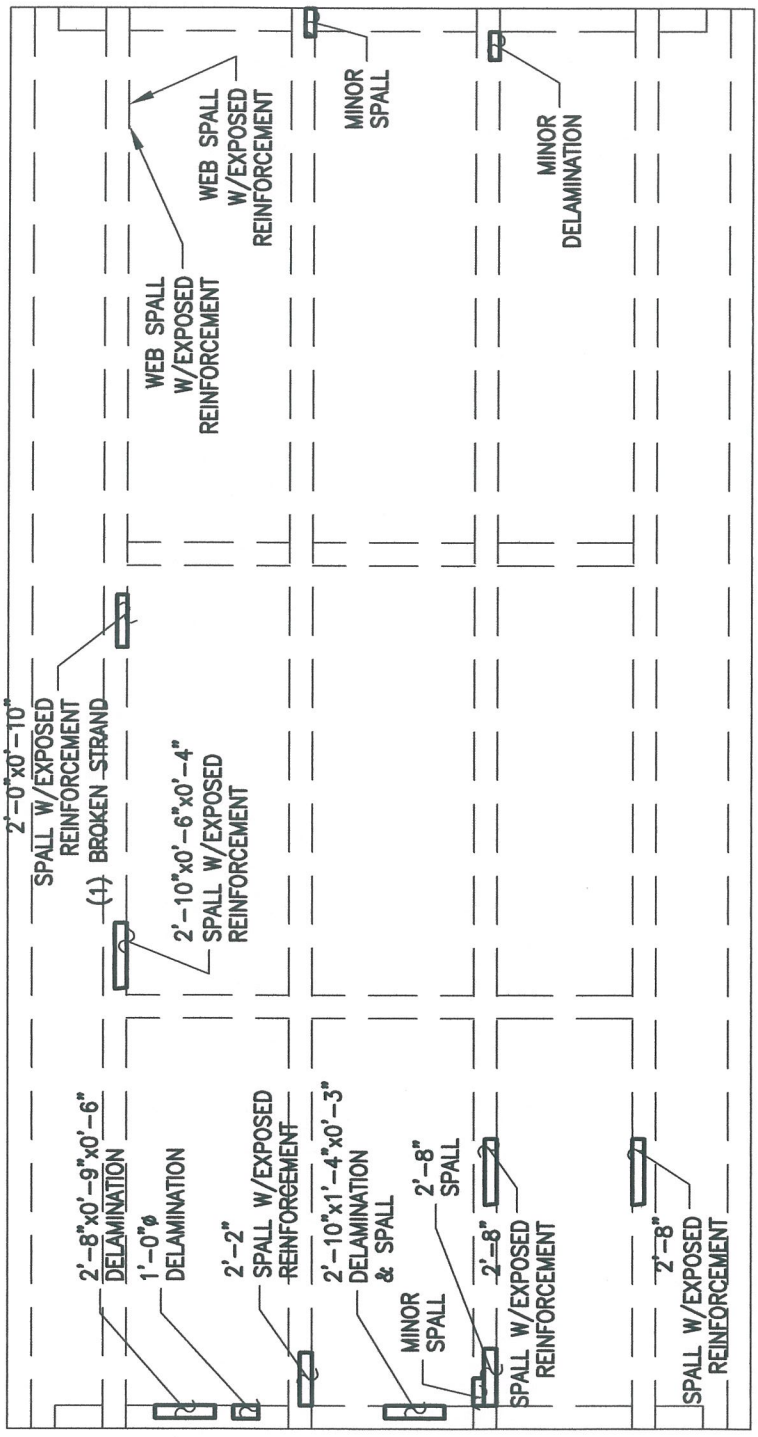
BENT # 62

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 462 OF	1347

BENT #61

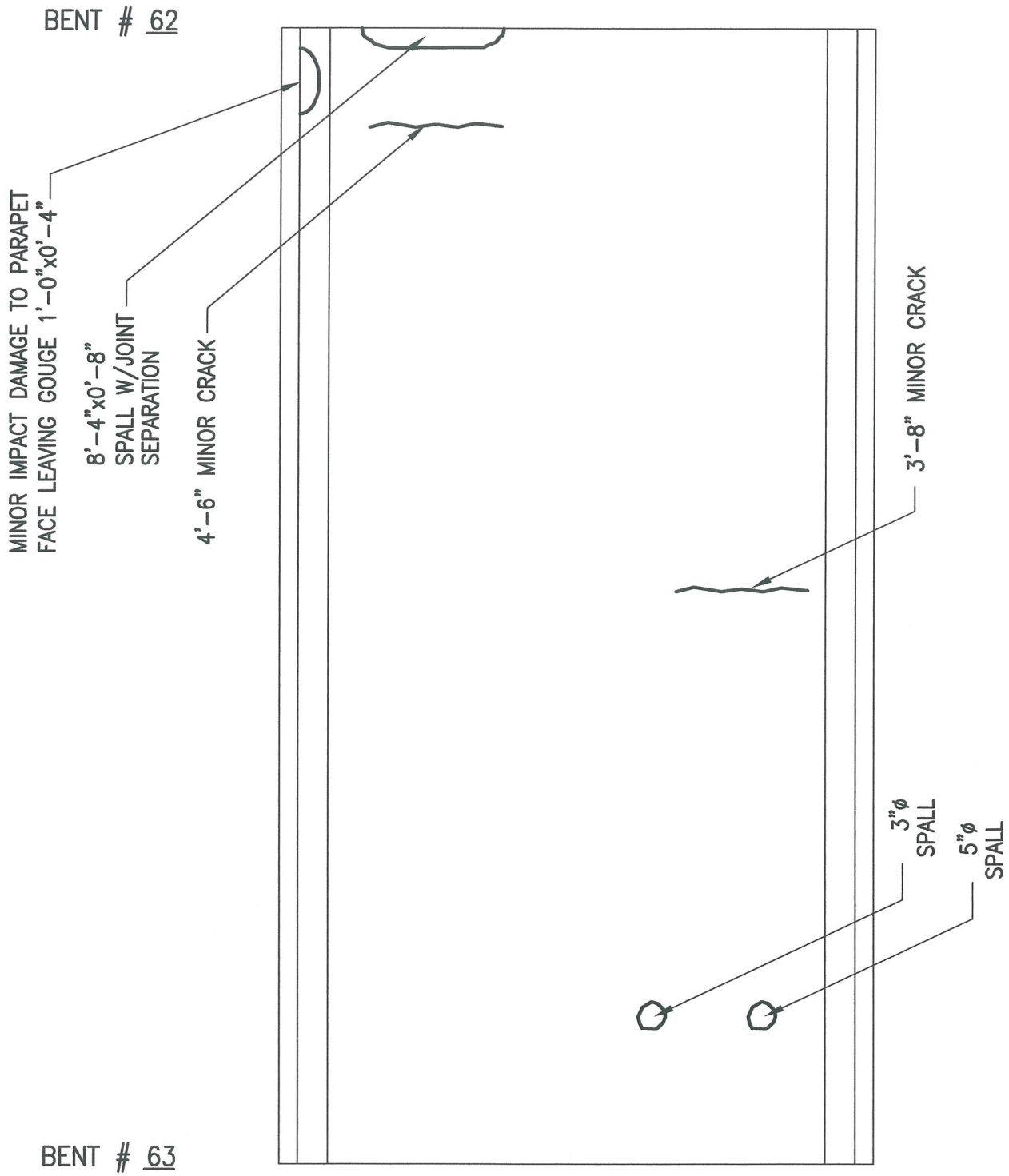


BENT #62

PLAN OF DECK UNDERSIDE

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 463 OF	1347

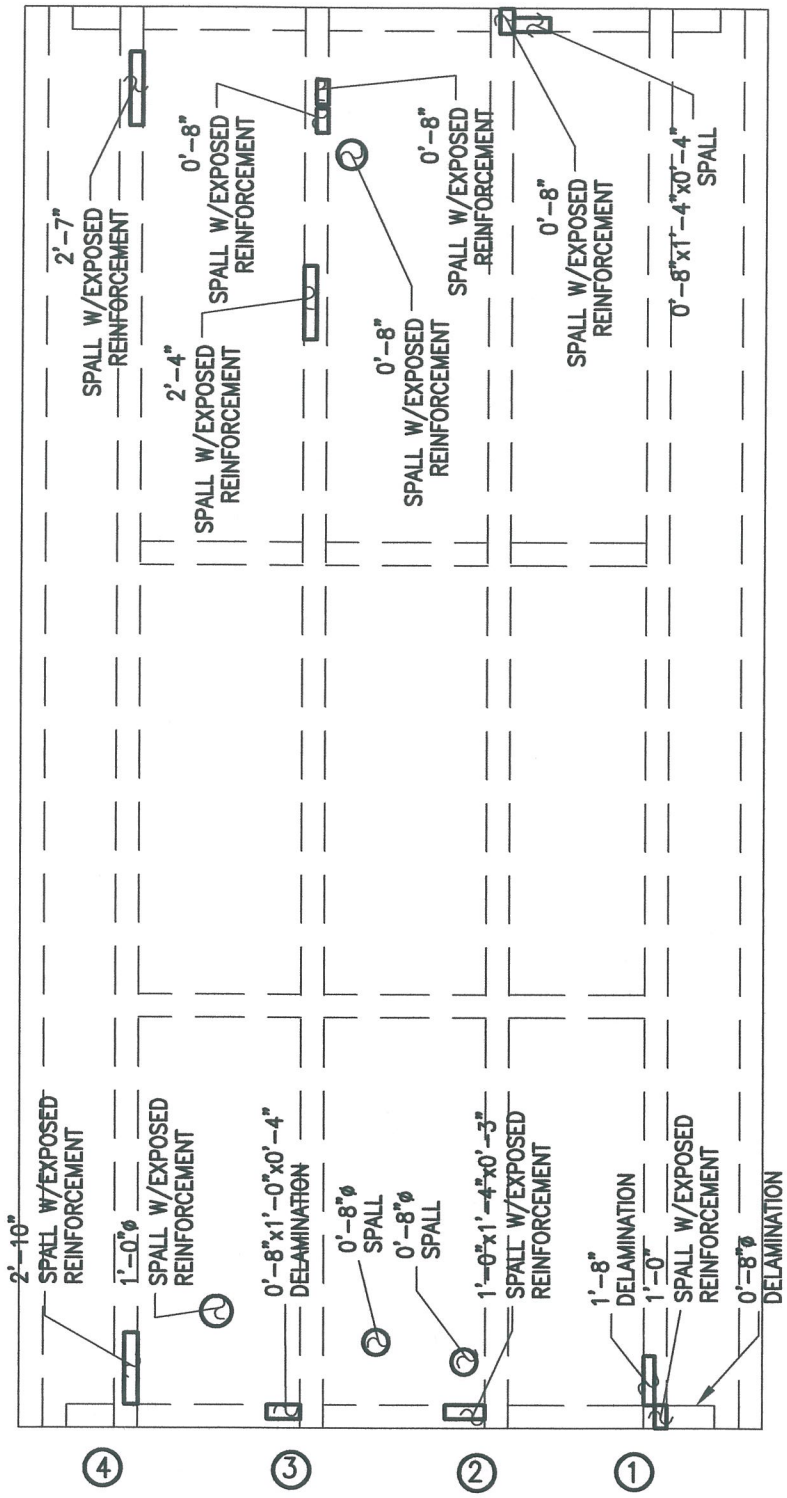


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 68 OF 1347	

BENT #62

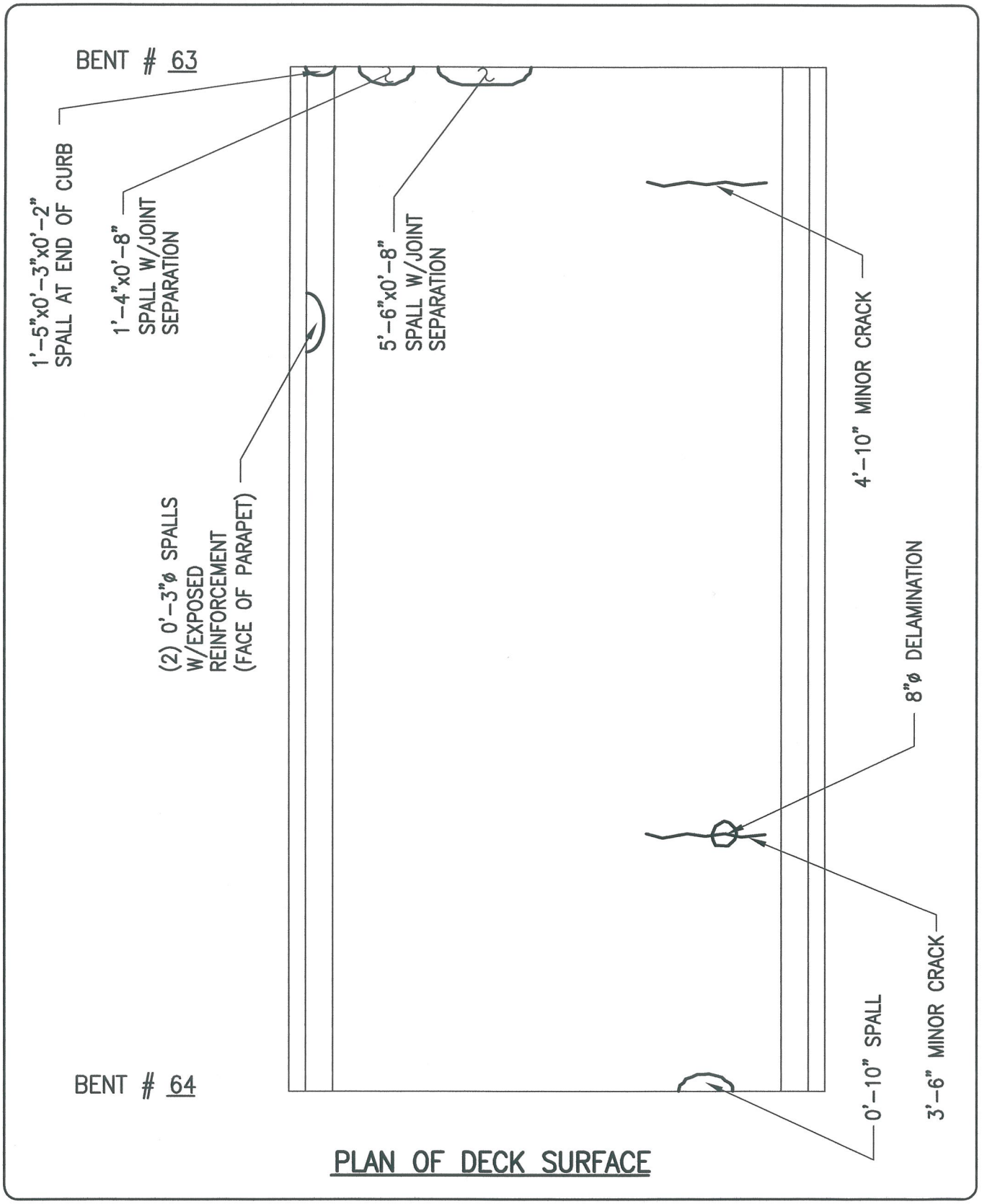


BENT #63

PLAN OF DECK UNDERSIDE

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 469 OF 1347	

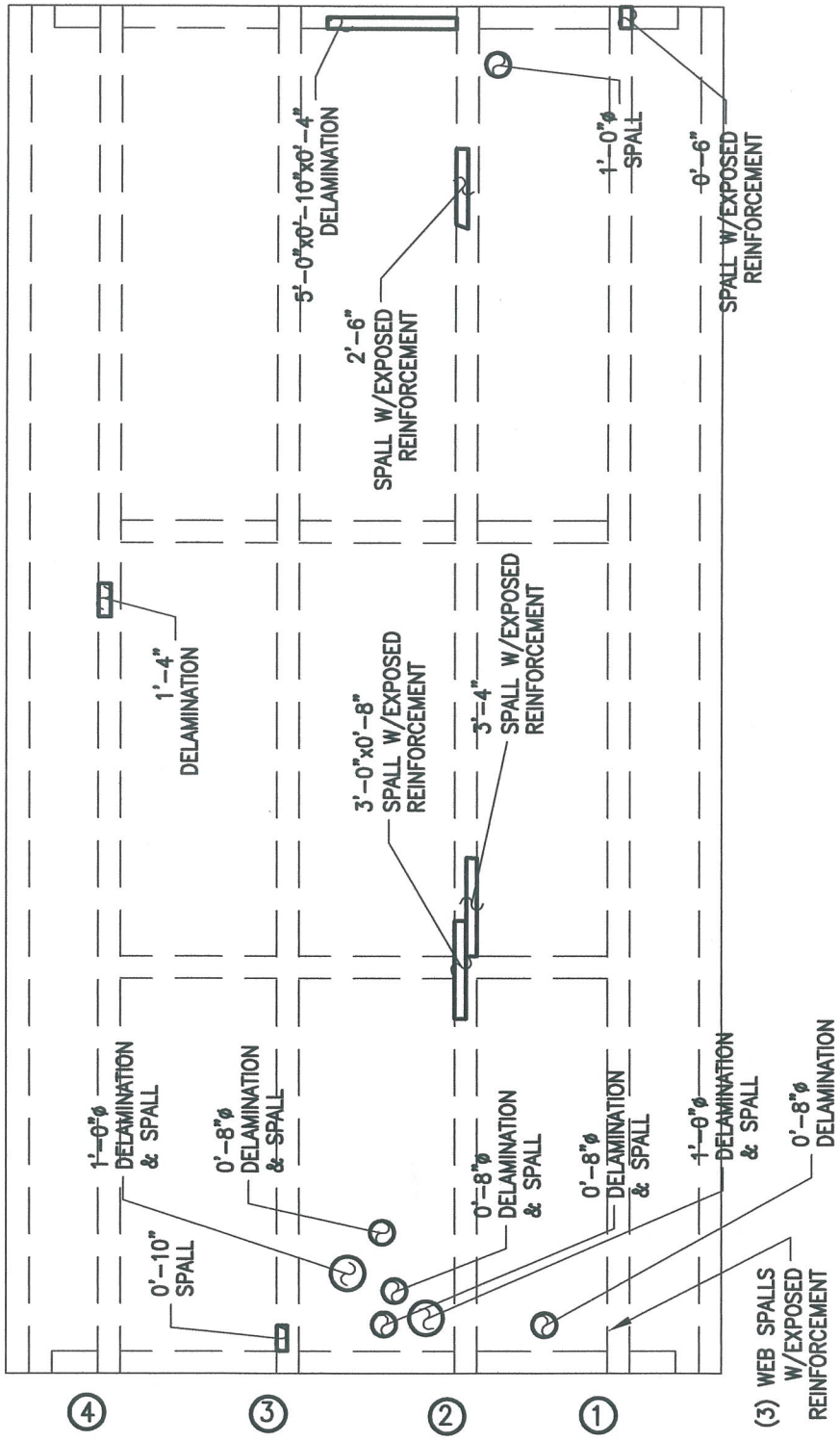


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 474 OF 1347	

BENT #63



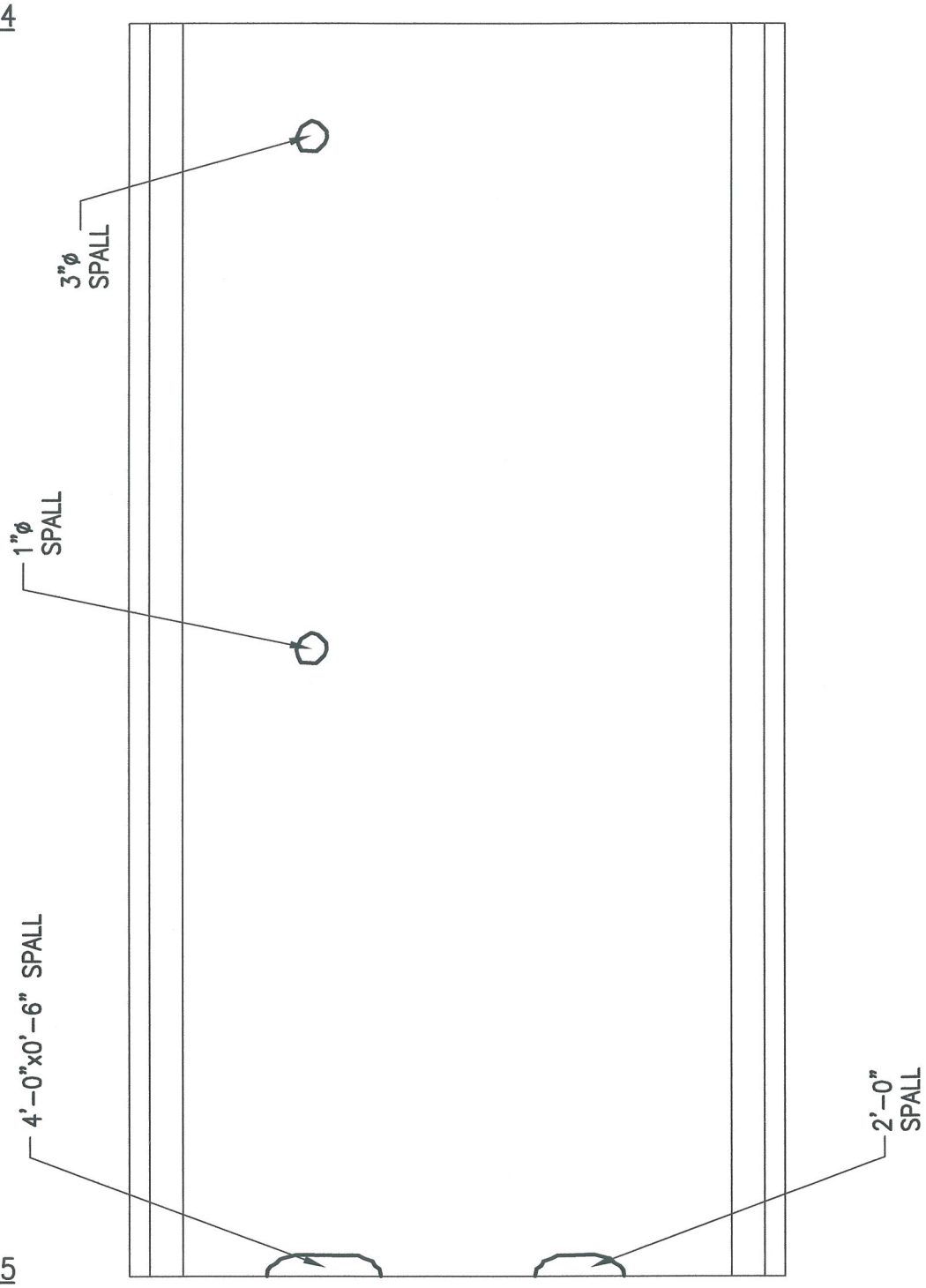
BENT #64

PLAN OF DECK UNDERSIDE

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 478 OF	1347

BENT # 64



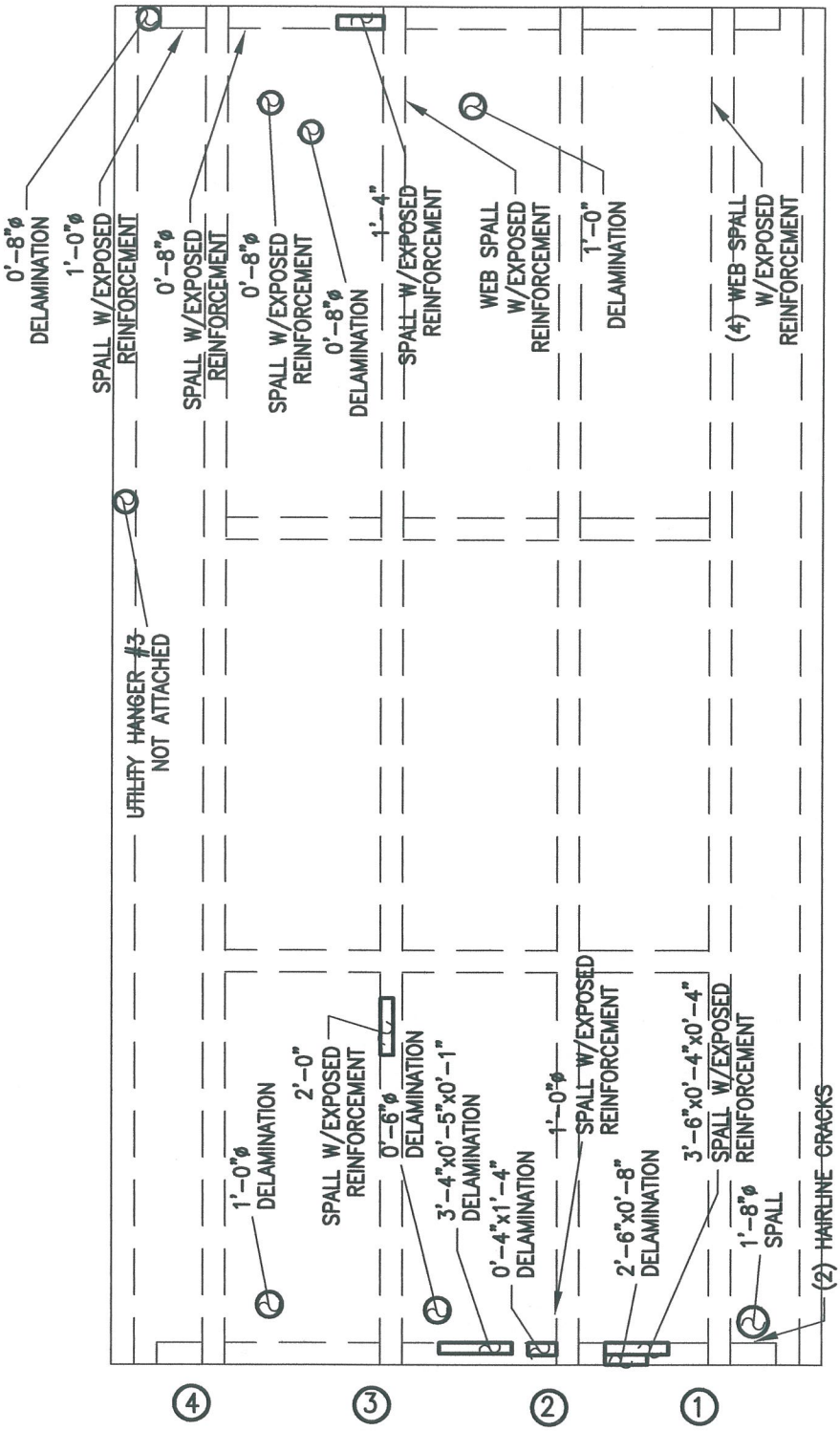
BENT # 65

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 480 OF 1347	

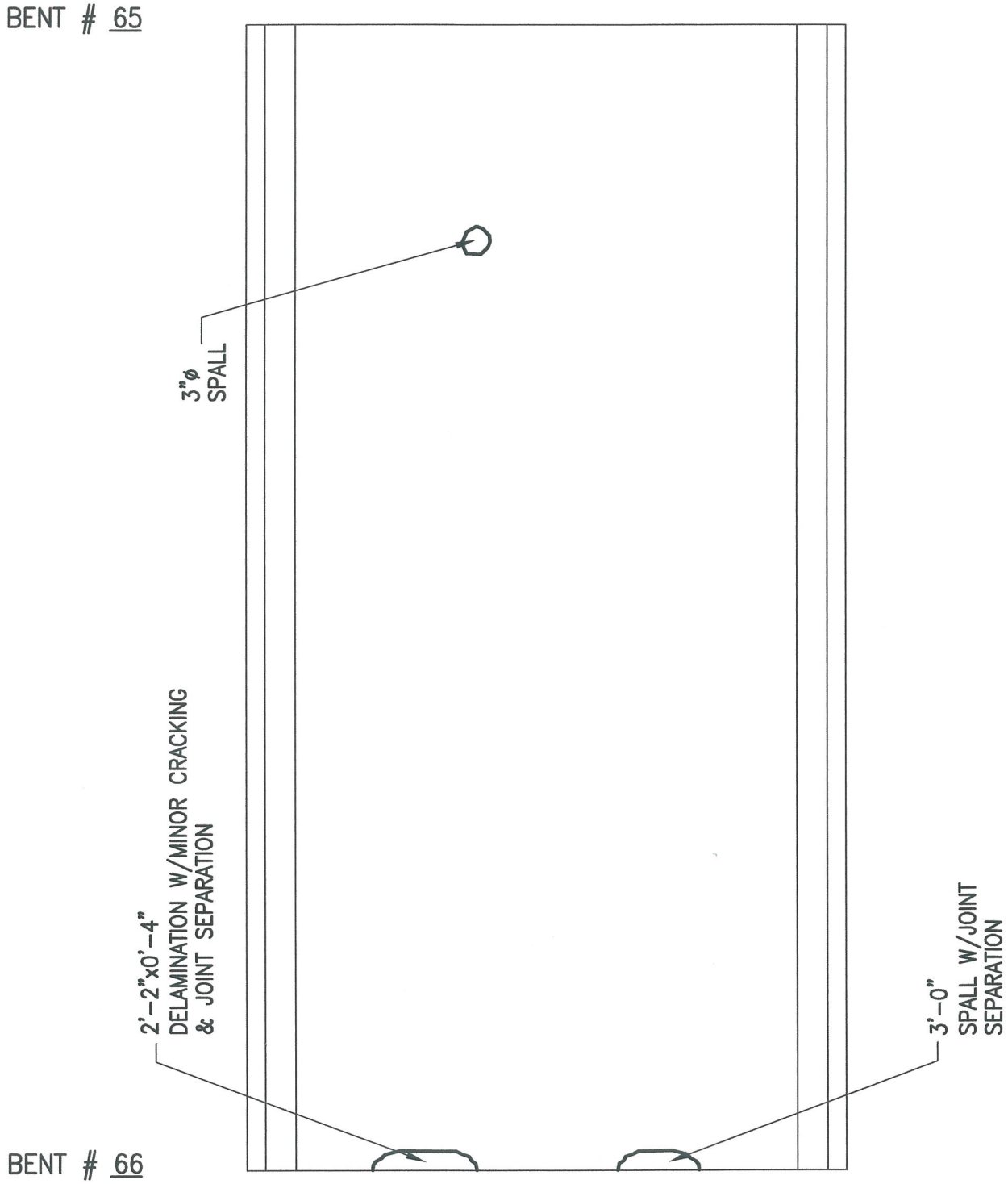
BENT #64



PLAN OF DECK UNDERSIDE

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 48 OF 134	

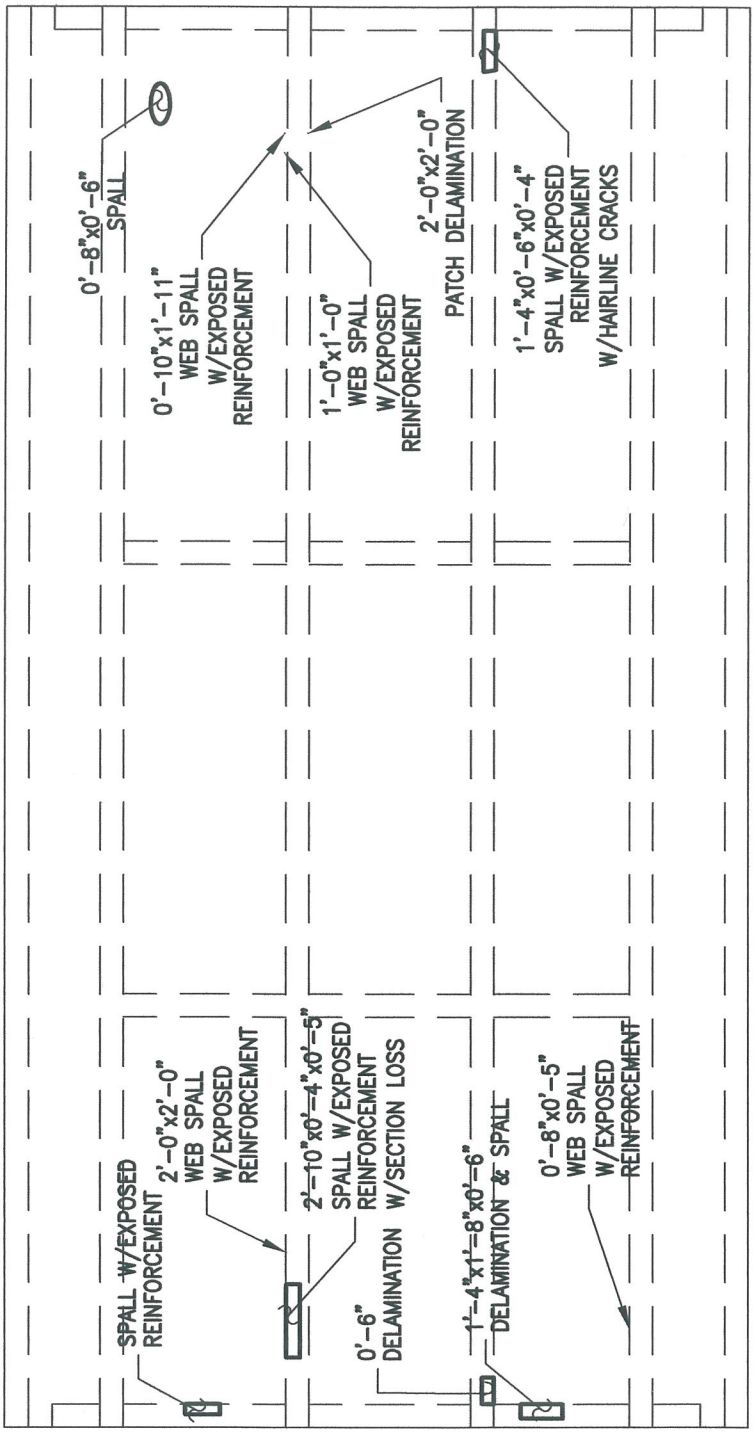


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 486 OF 1347	

BENT #65



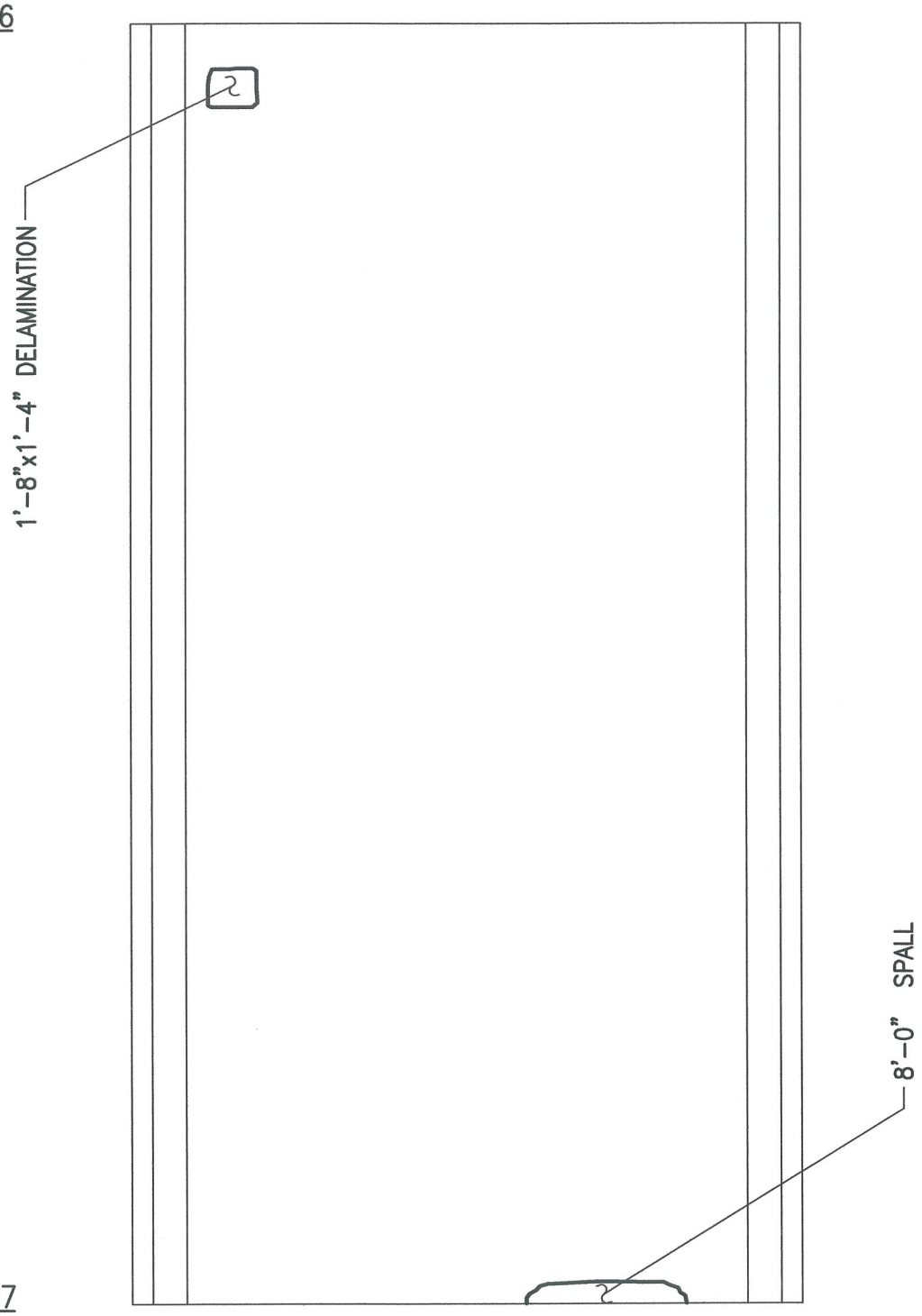
BENT #66

PLAN OF DECK UNDERSIDE

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 487 OF 1347	

BENT # 66



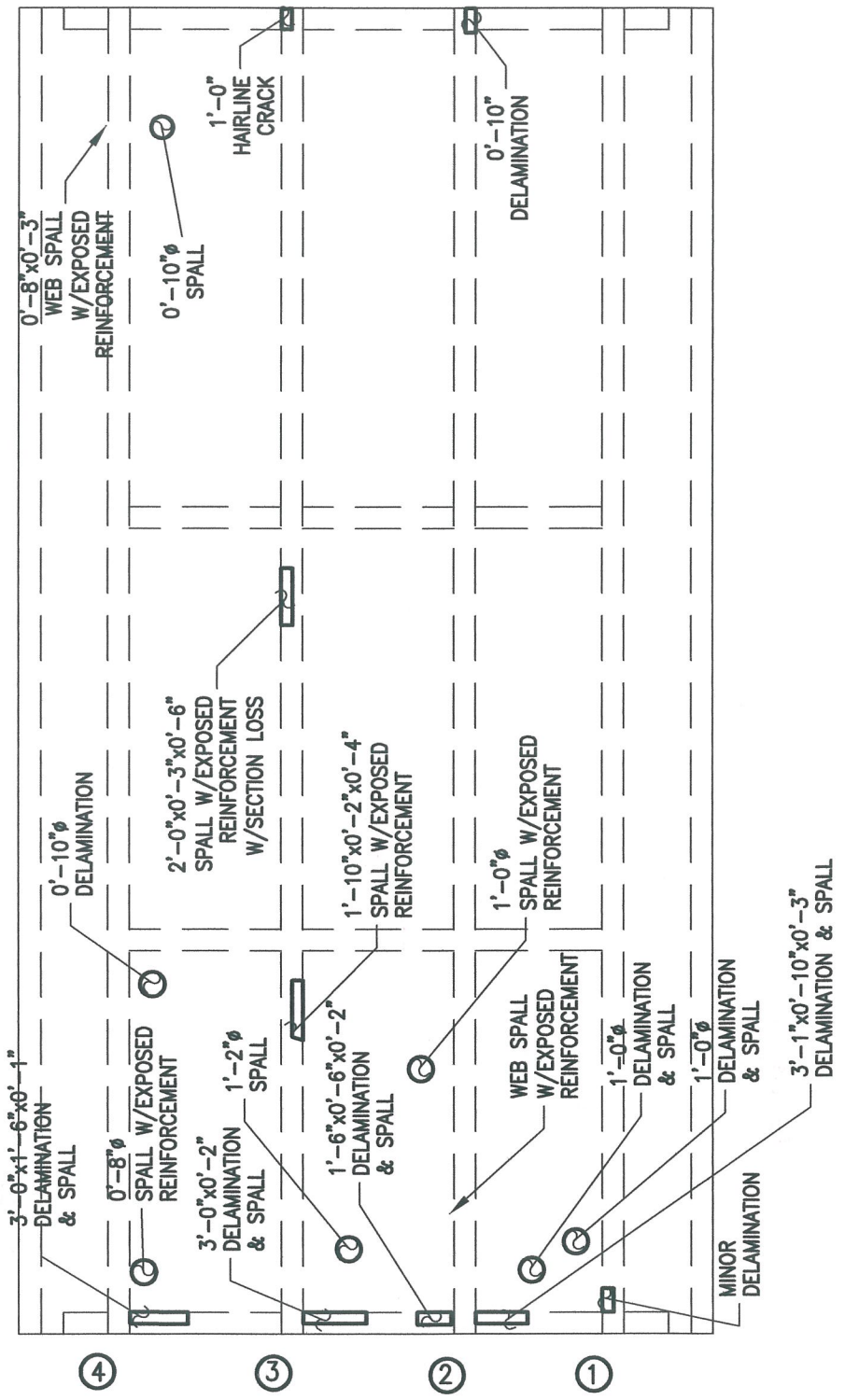
BENT # 67

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 492 OF 1347	

BENT #66

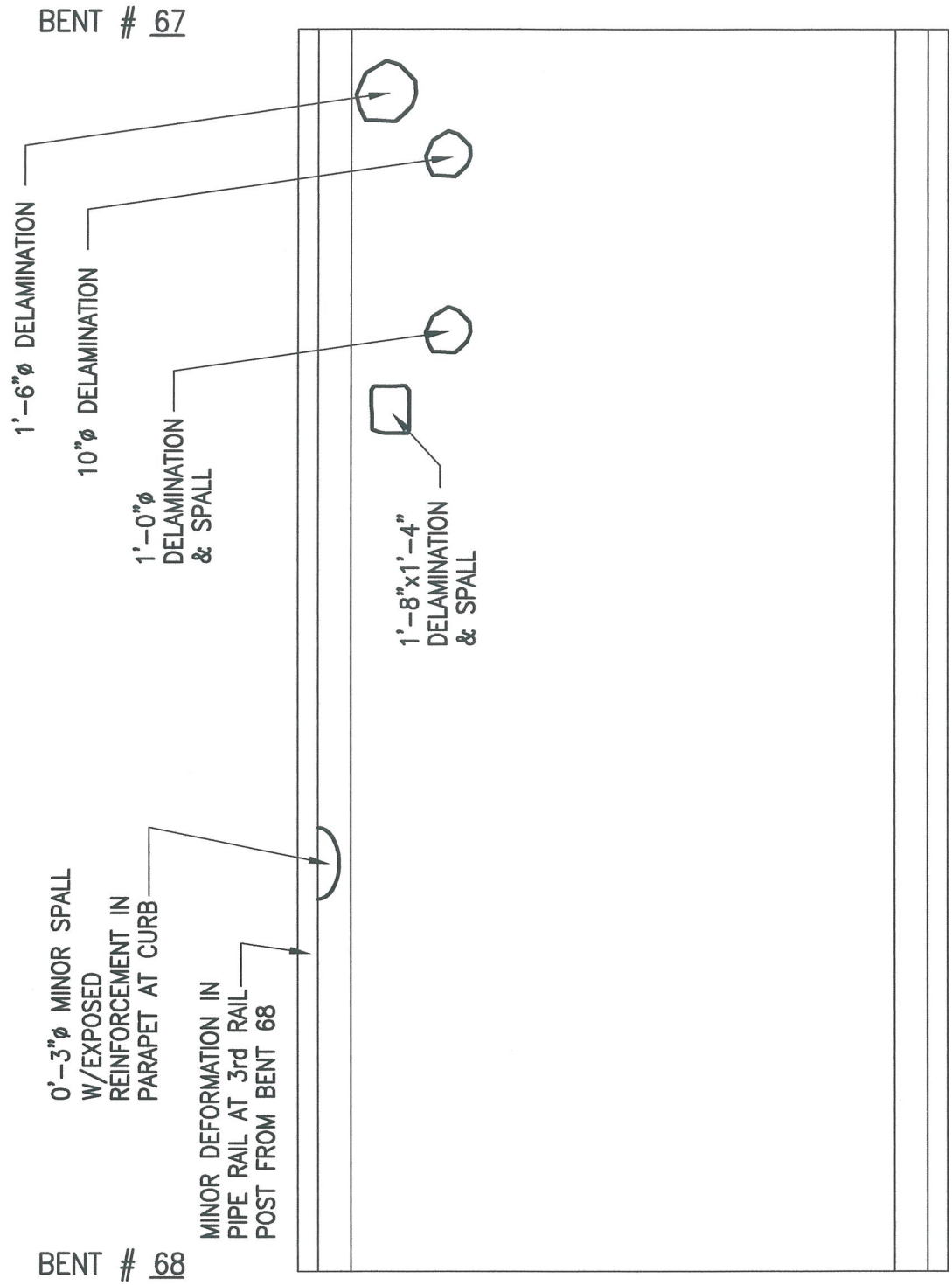


BENT #67

PLAN OF DECK UNDERSIDE

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 493 OF	1347

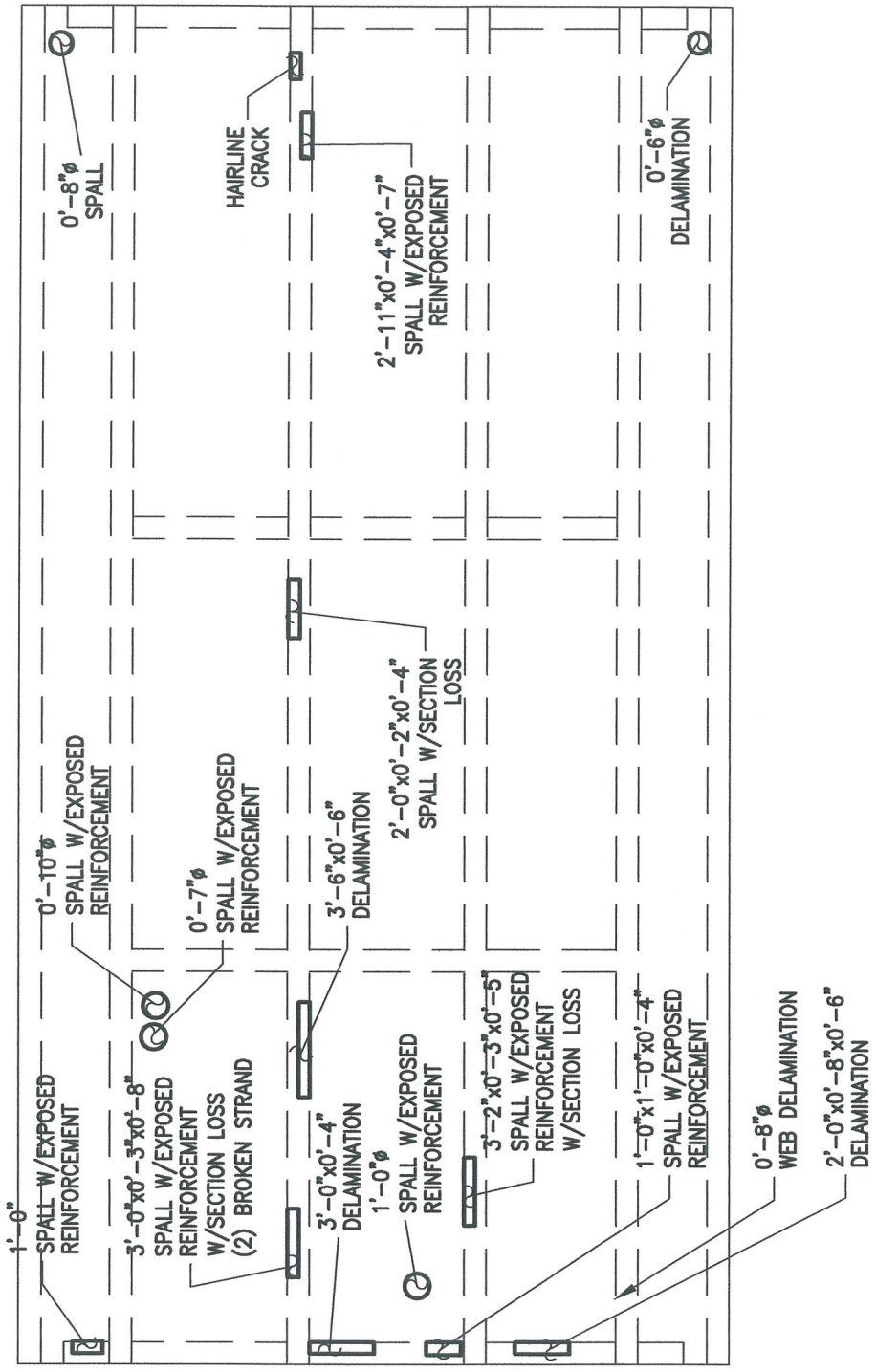


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 498 OF	1347

BENT #67

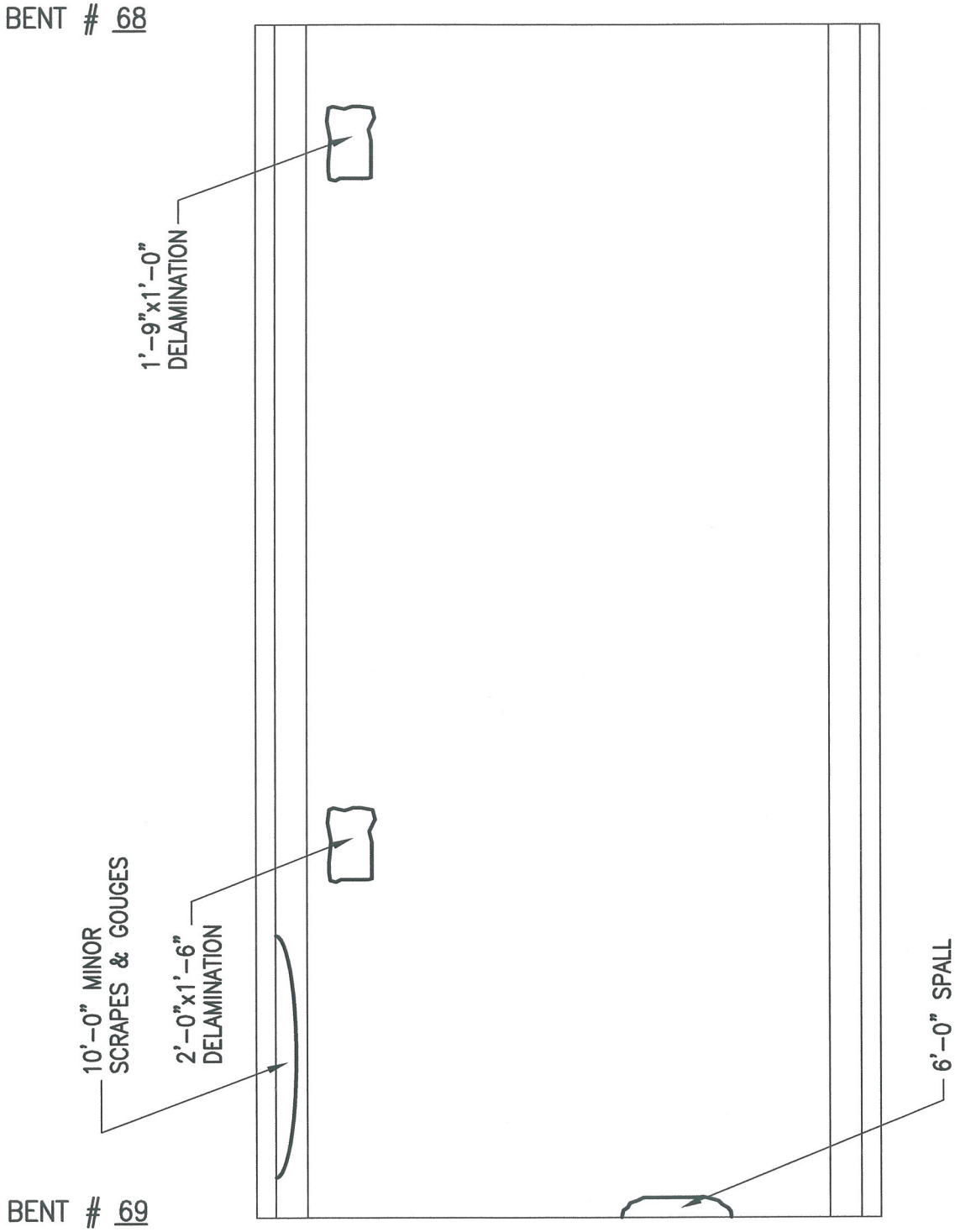


BENT #68

PLAN OF DECK UNDERSIDE

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 499 OF 1347	

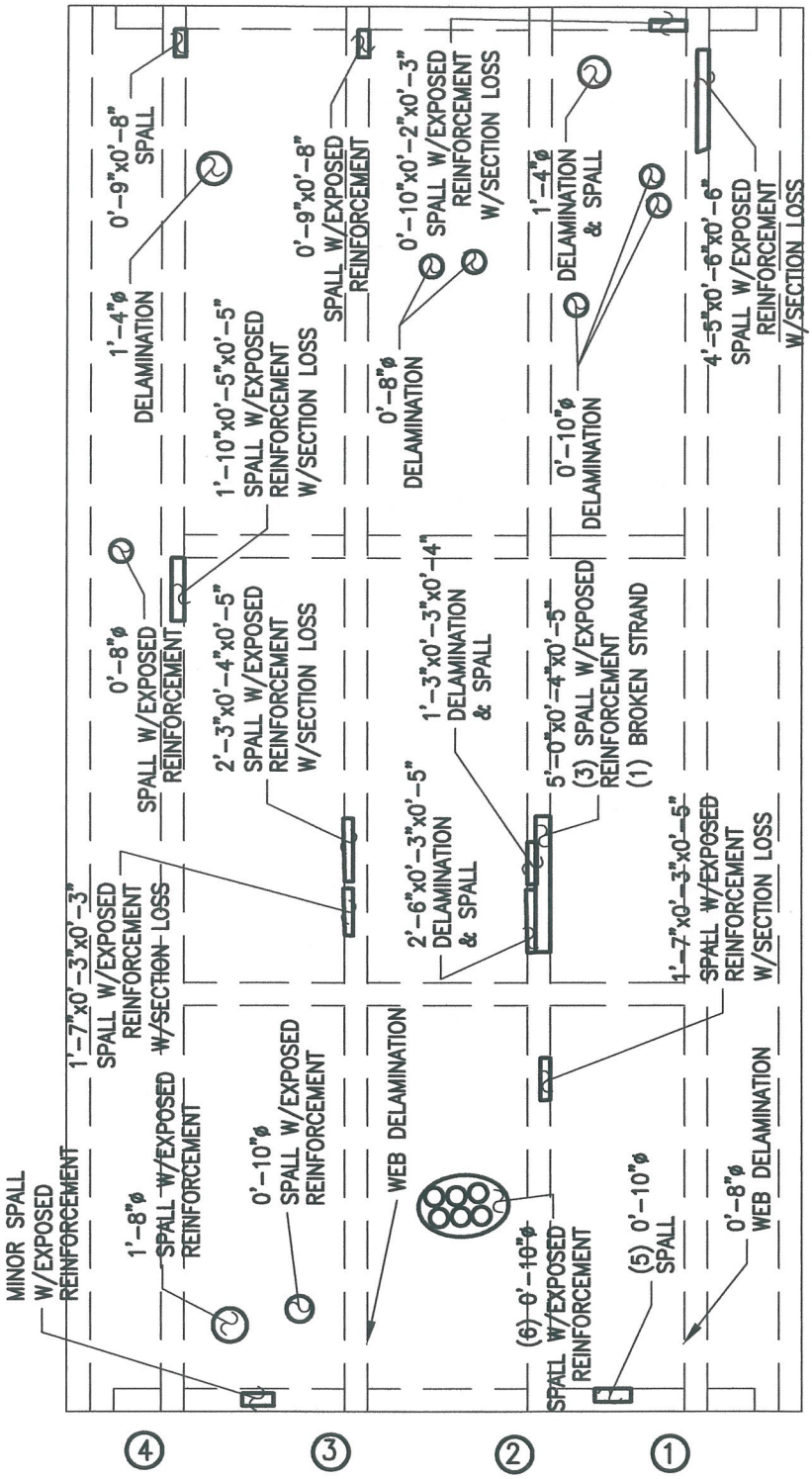


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 504 OF	1347

BENT #68



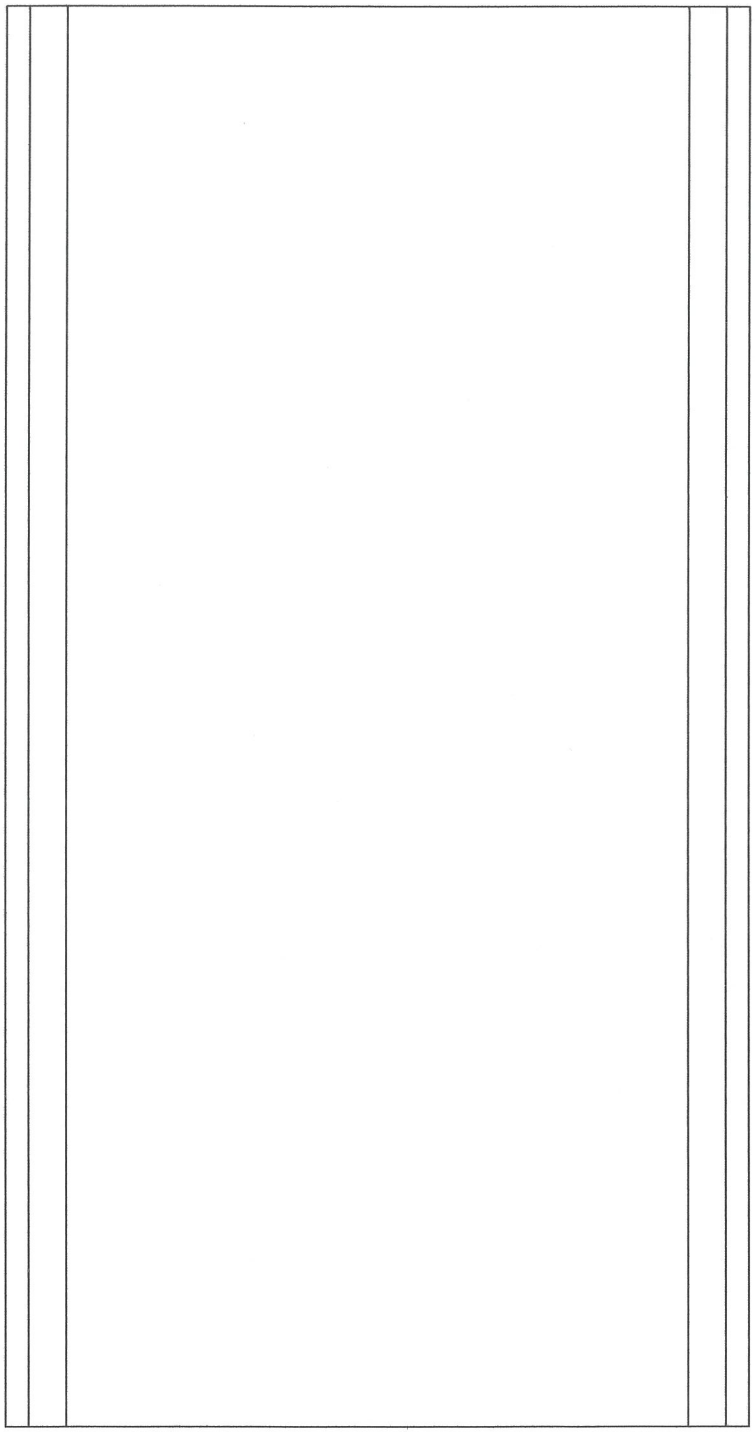
BENT #69

PLAN OF DECK UNDERSIDE

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 505 OF	1347

BENT # 69



GENERAL NOTES:
1. HEAVY MAP CRACKING THROUGHOUT.
2. RAILS ARE HEAVILY WEATHERED THROUGHOUT.

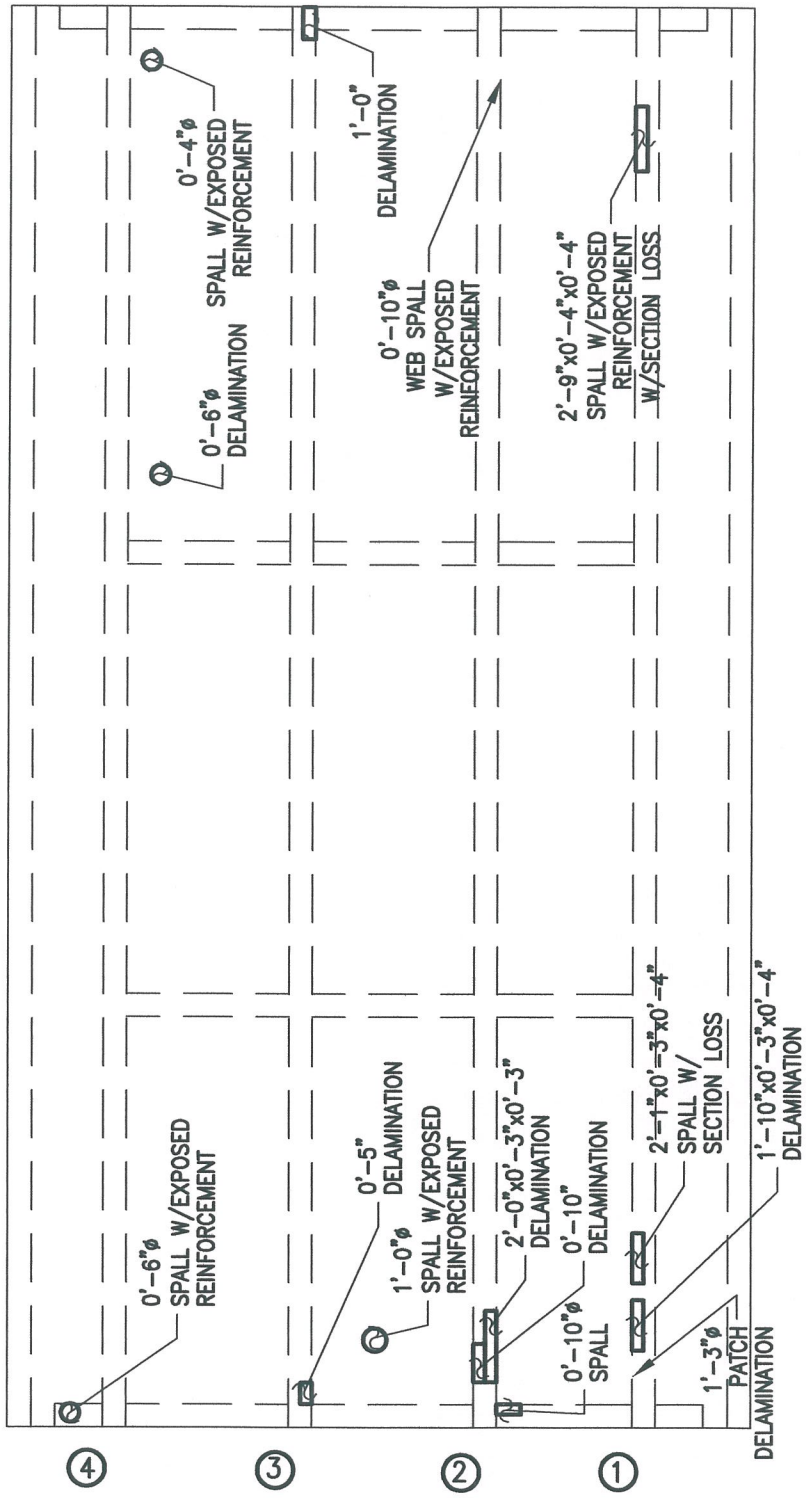
BENT # 70

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 510 OF 1347	

BENT #69



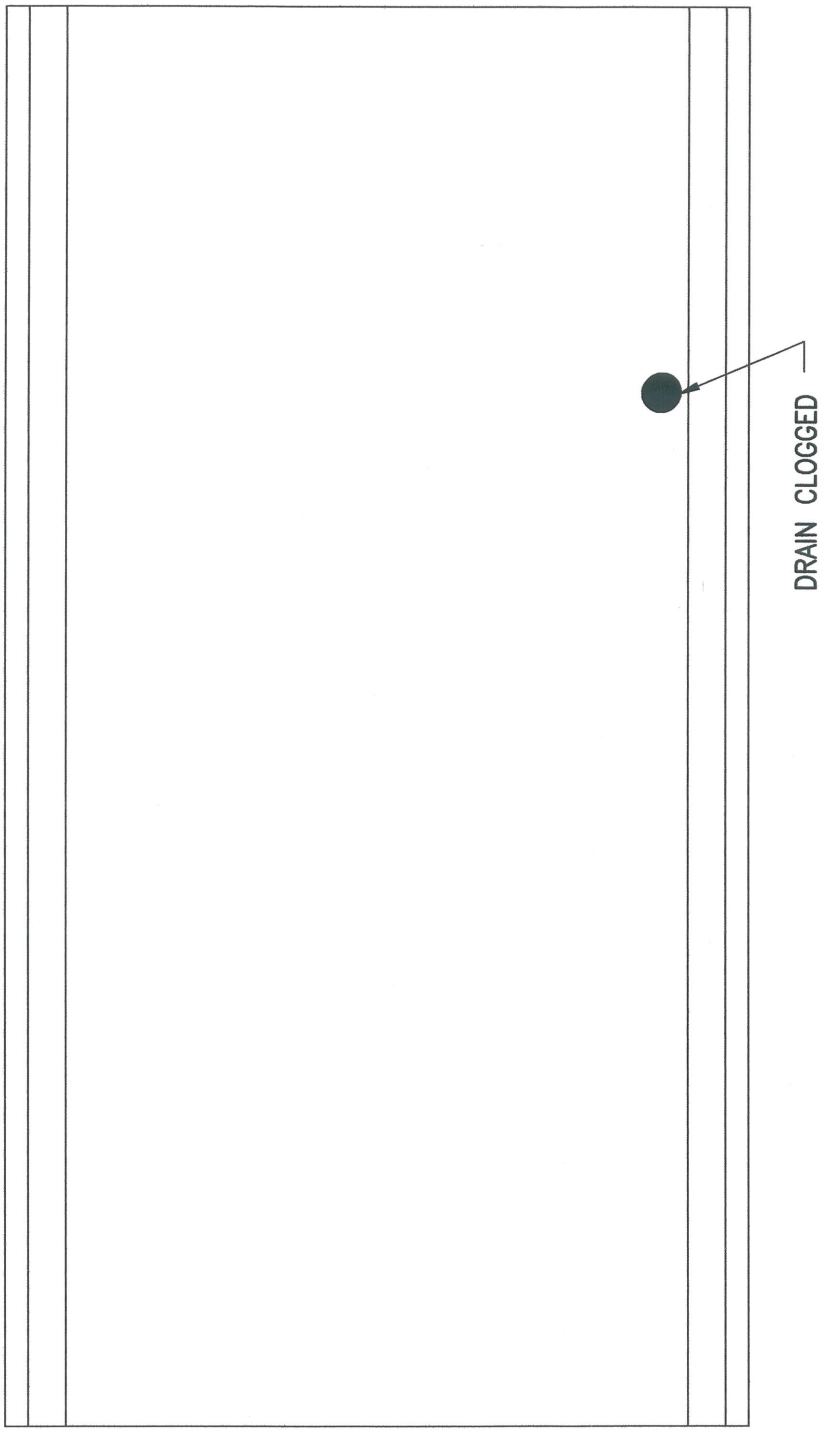
BENT #70

PLAN OF DECK UNDERSIDE

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 511	OF 1347

BENT # 70



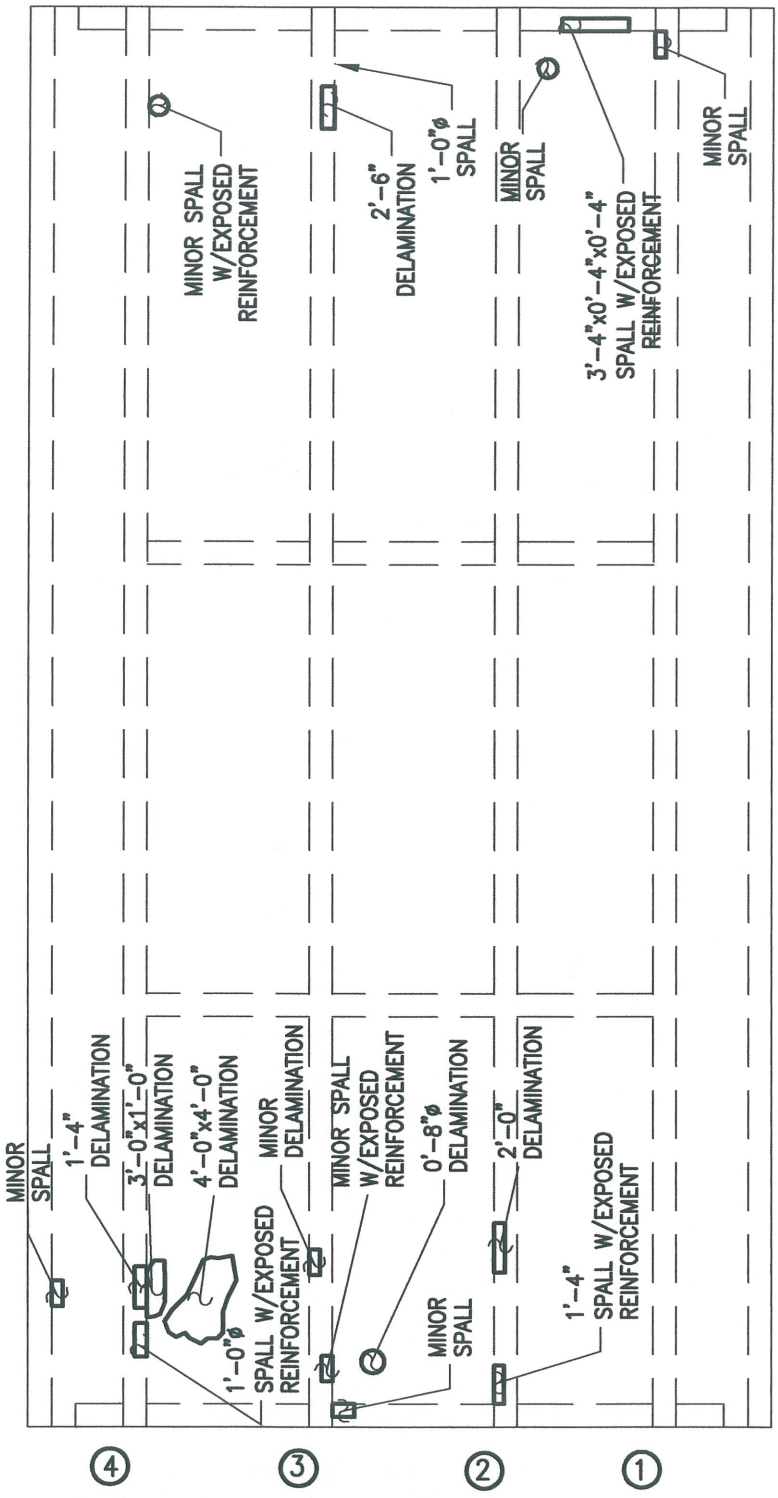
BENT # 71

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 516 OF 1347	

BENT #70



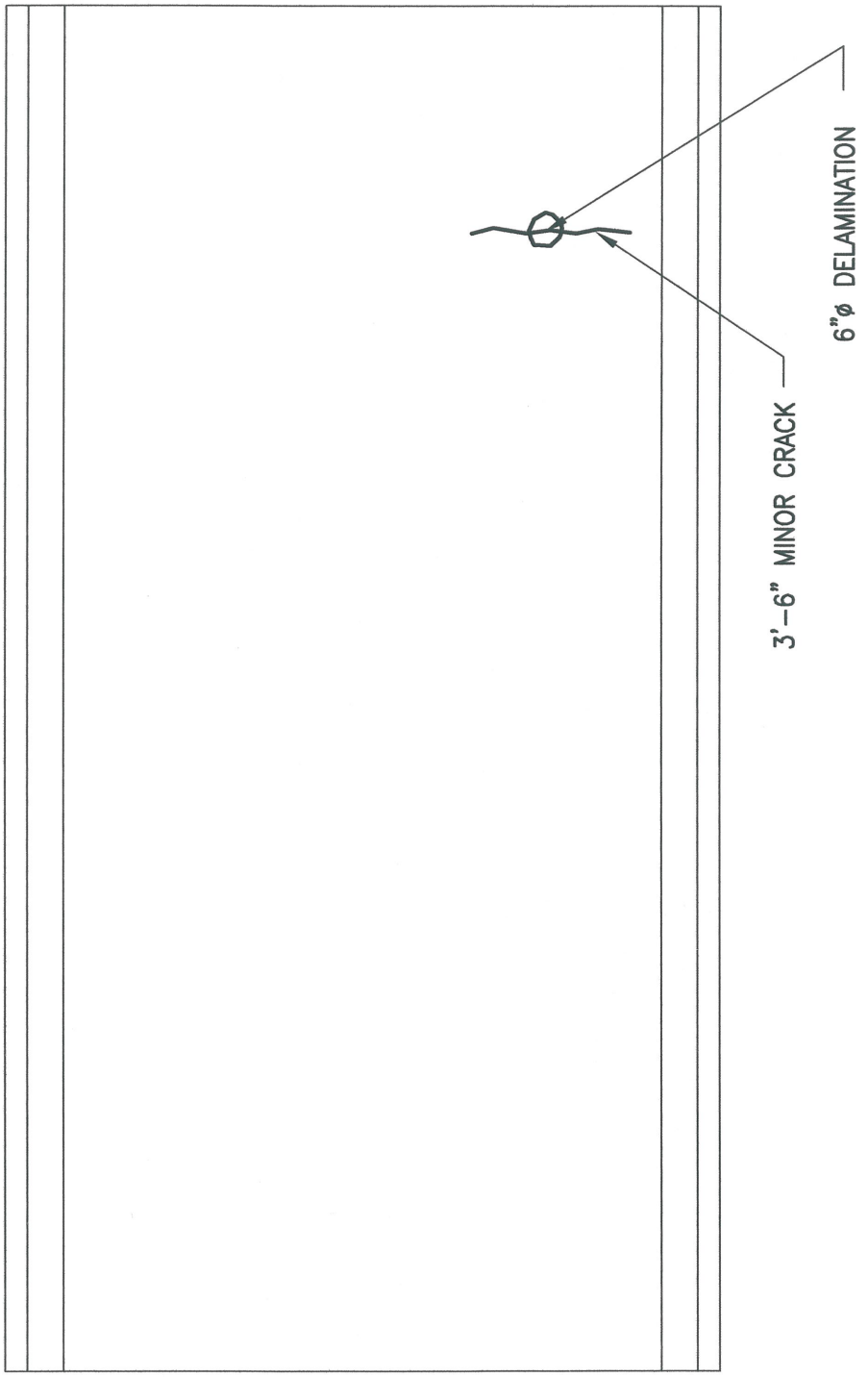
BENT #71

PLAN OF DECK UNDERSIDE

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 517 OF 1347	

BENT # 71



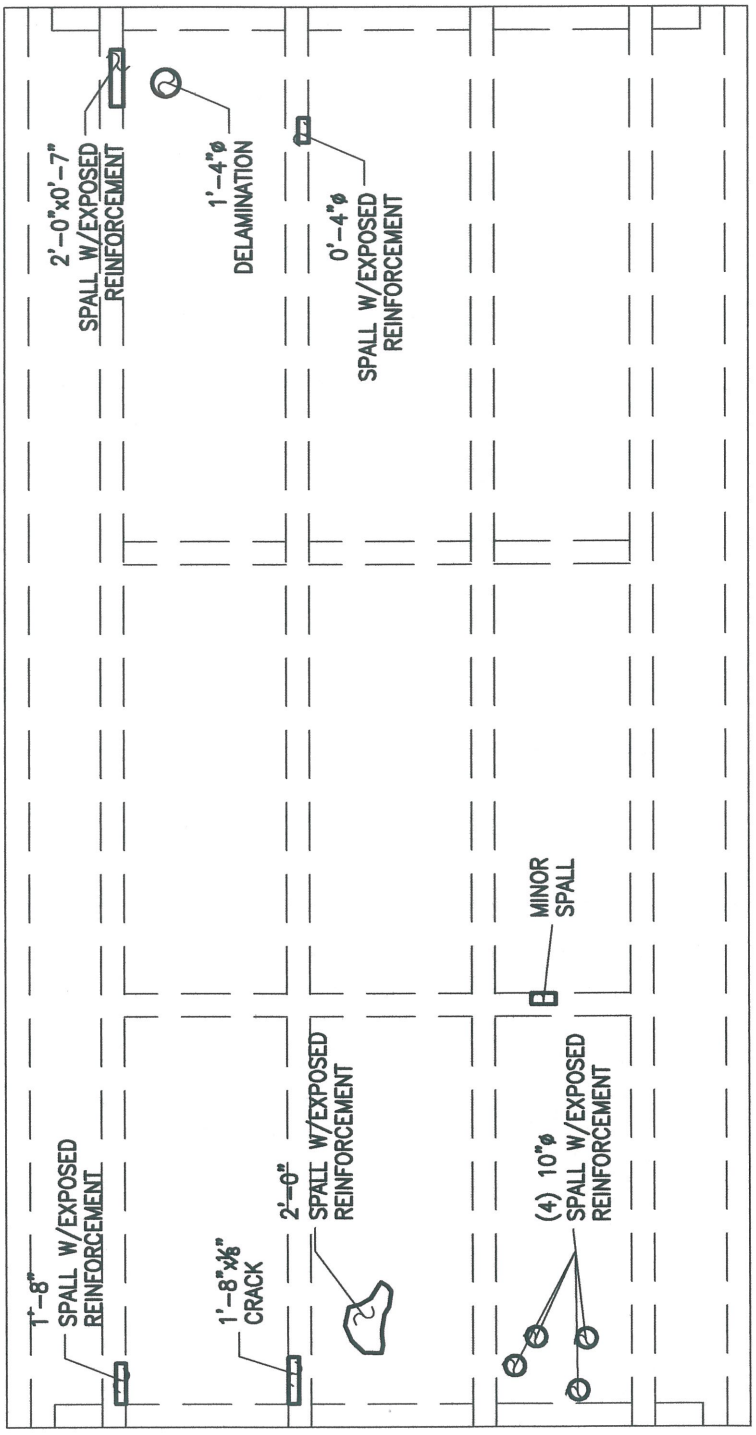
BENT # 72

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 522 OF 1347	

BENT #71

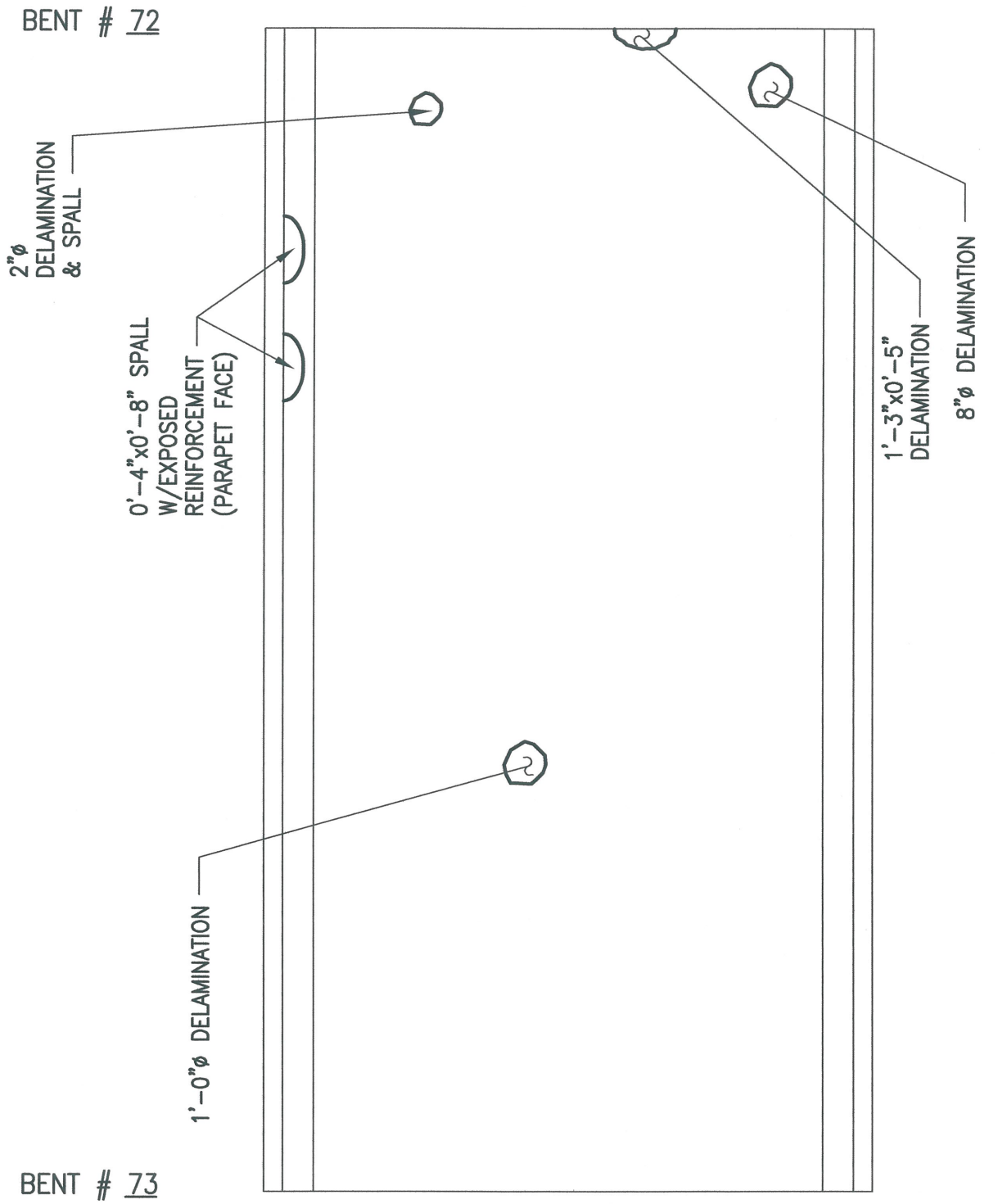


BENT #72

PLAN OF DECK UNDERSIDE

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 523 OF 1347	

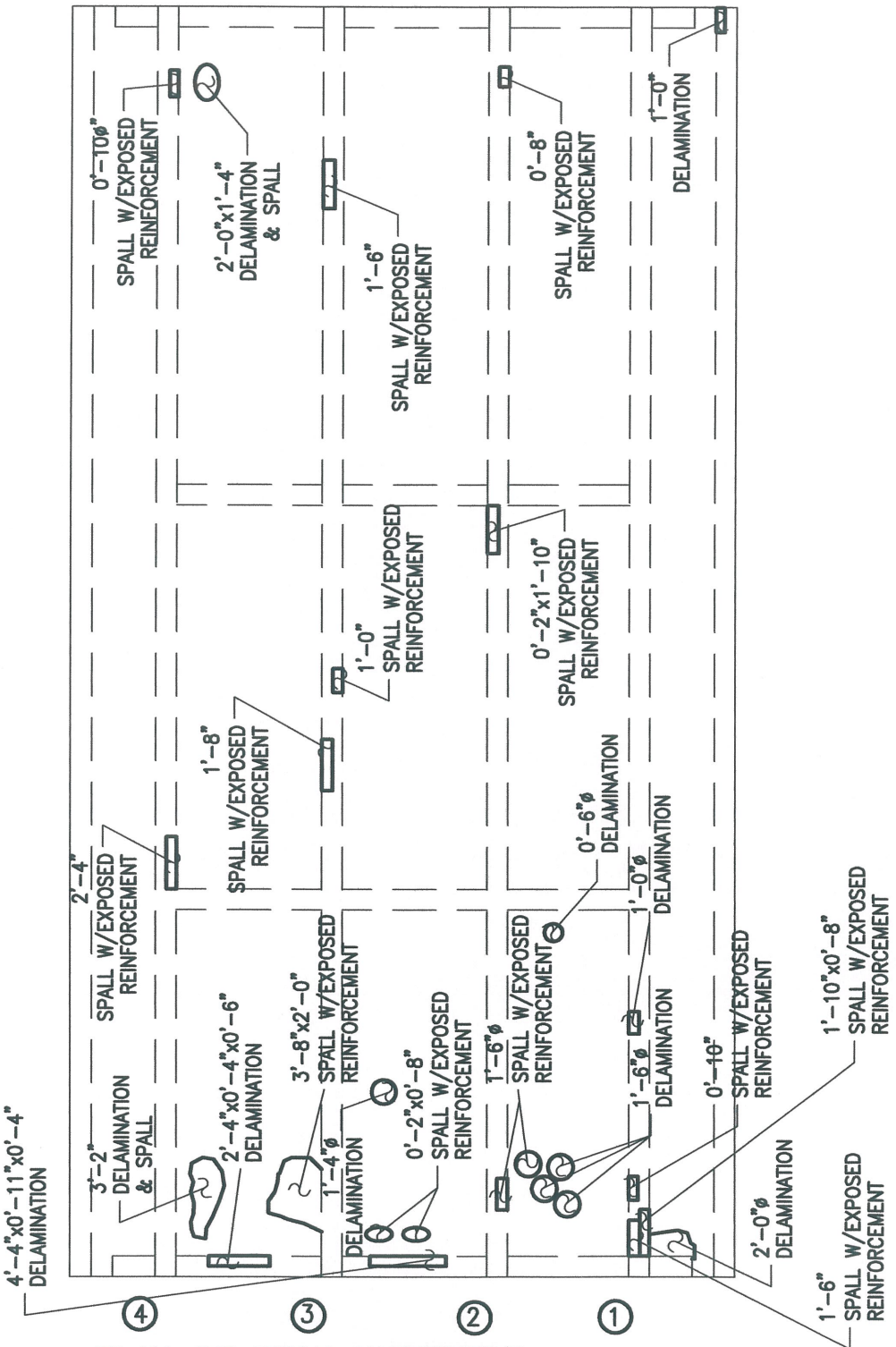


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 628 OF 1347	

BENT #72

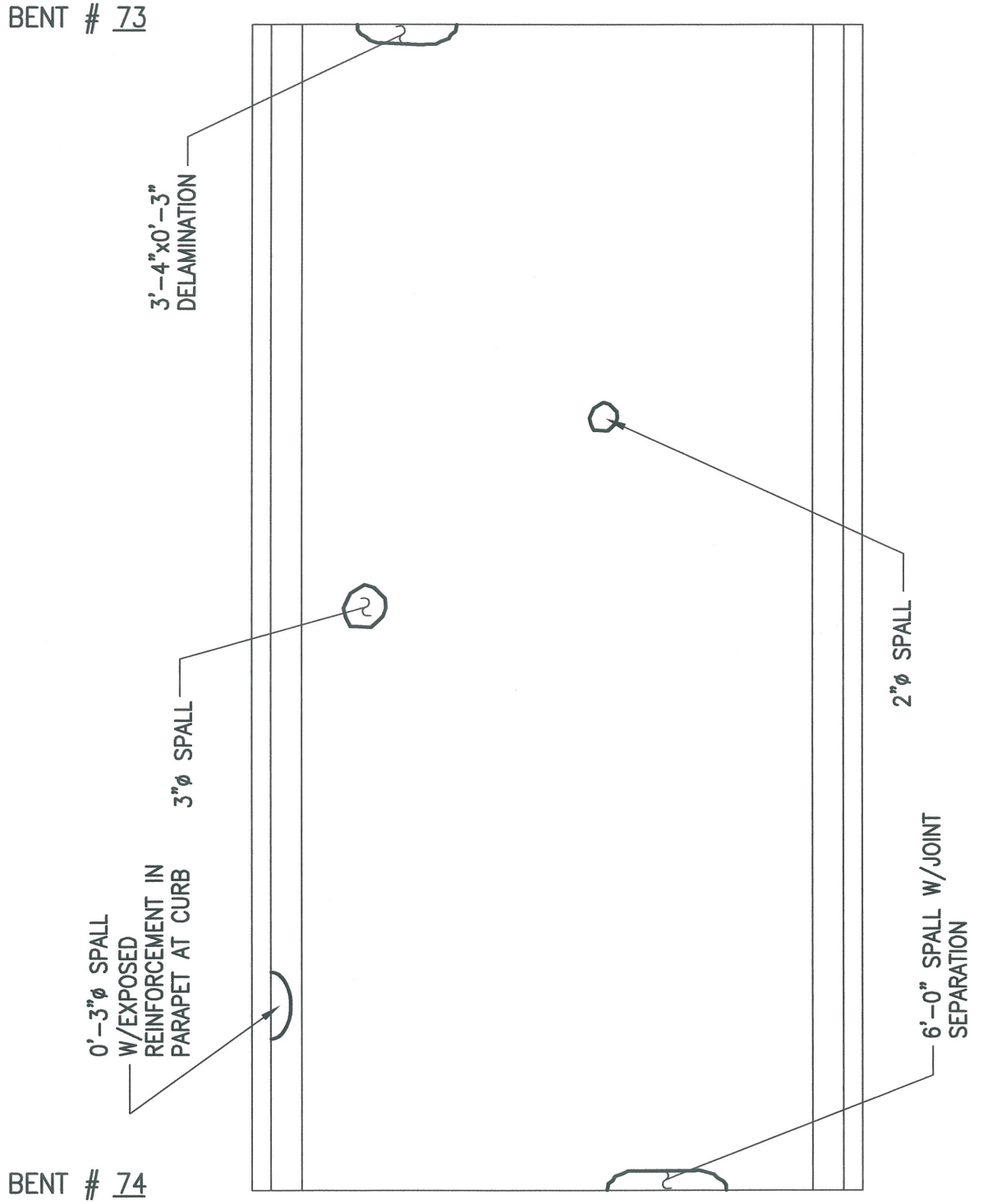


BENT #73

PLAN OF DECK UNDERSIDE

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 529 OF	1347

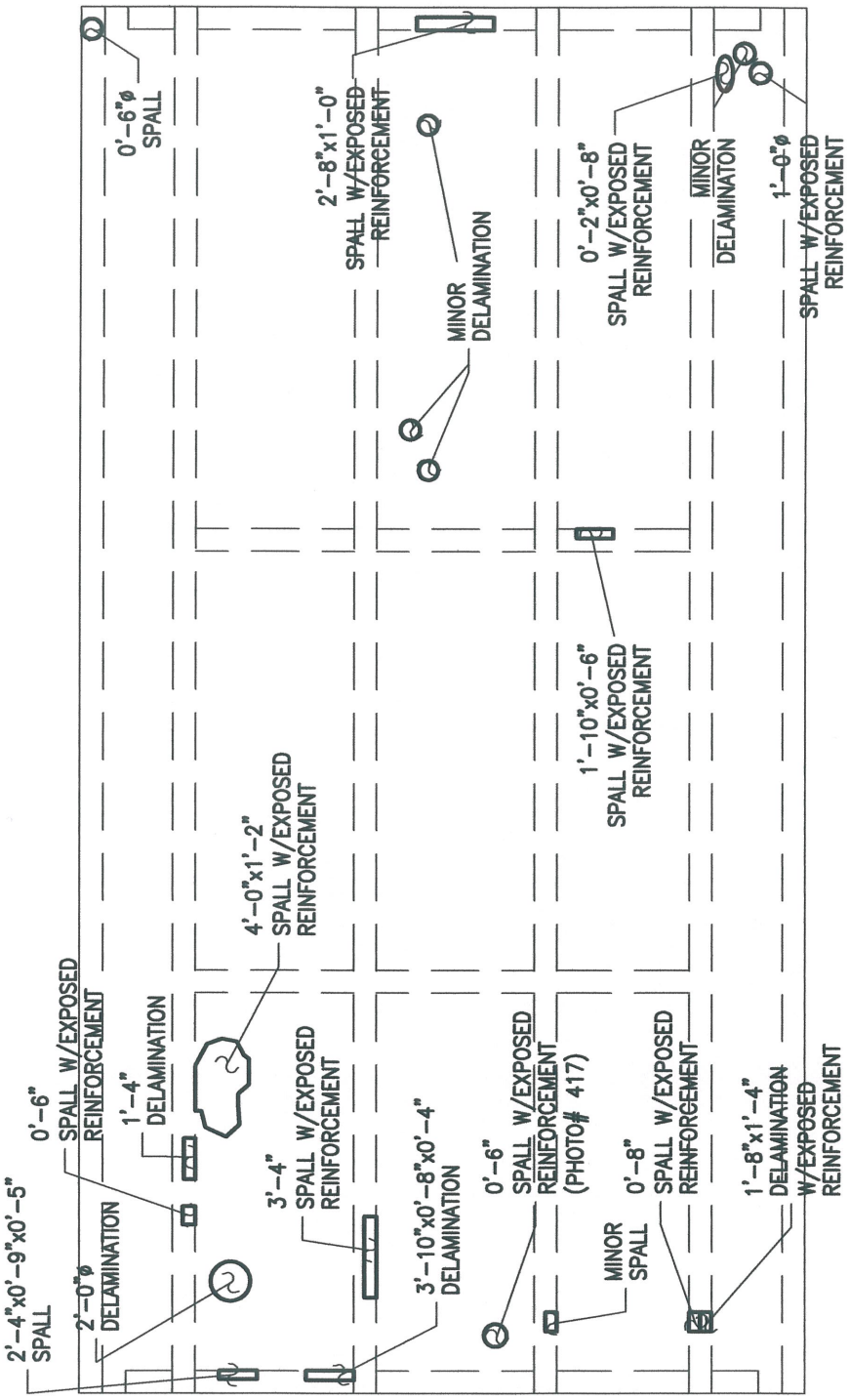


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 534 OF	1347

BENT #73

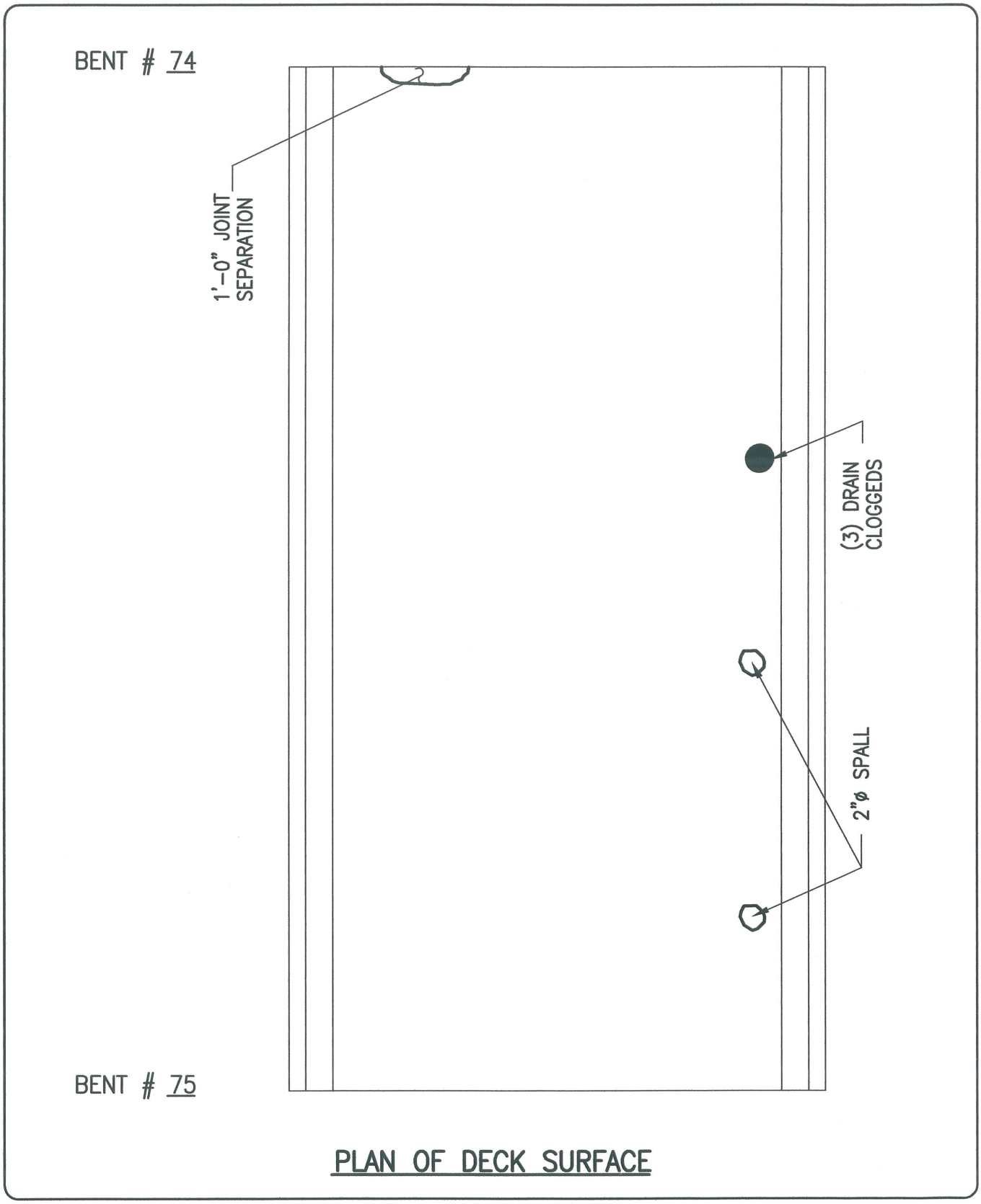


BENT #74

PLAN OF DECK UNDERSIDE

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 536 OF 1347	

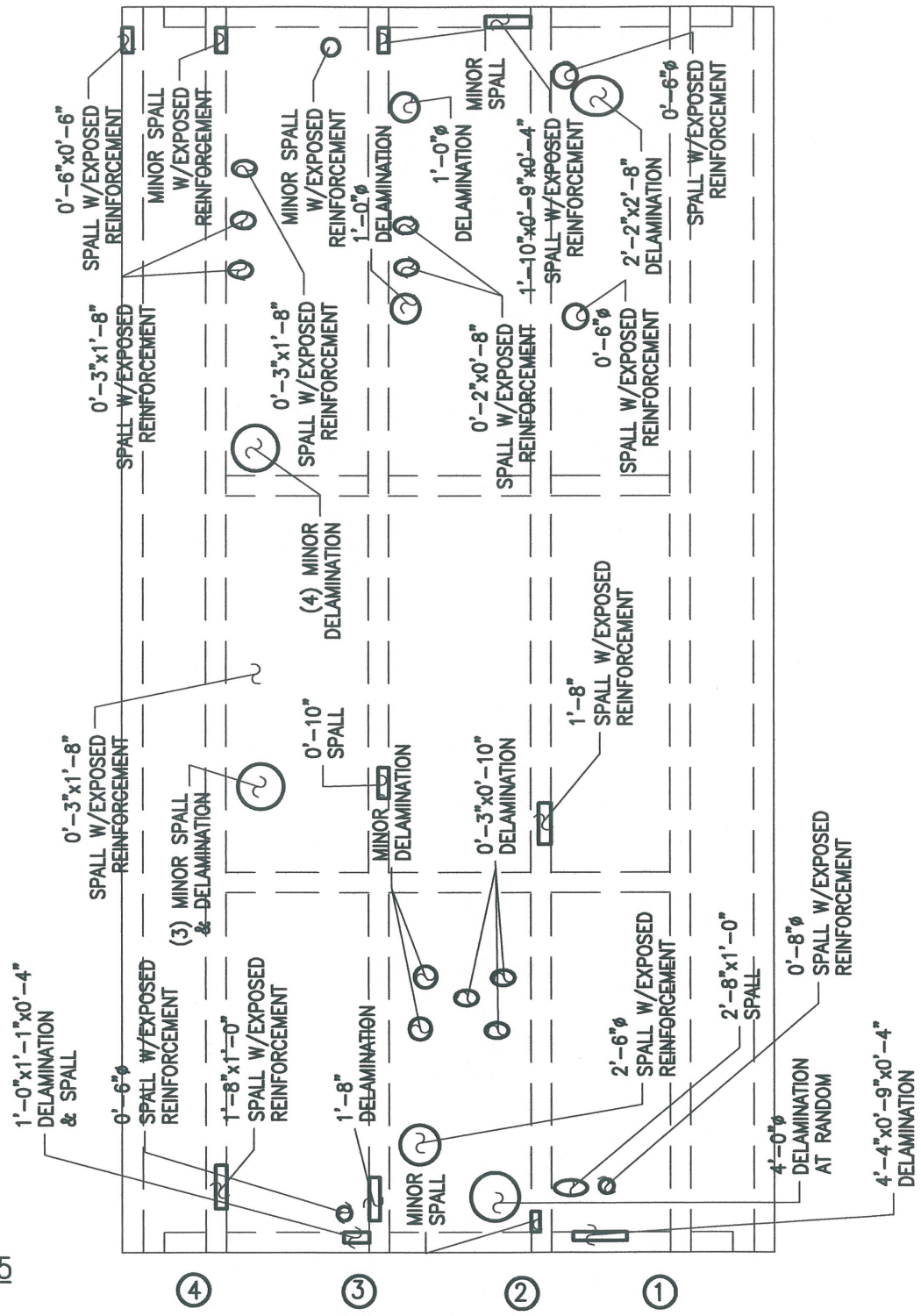


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 40 OF 347	

BENT #74

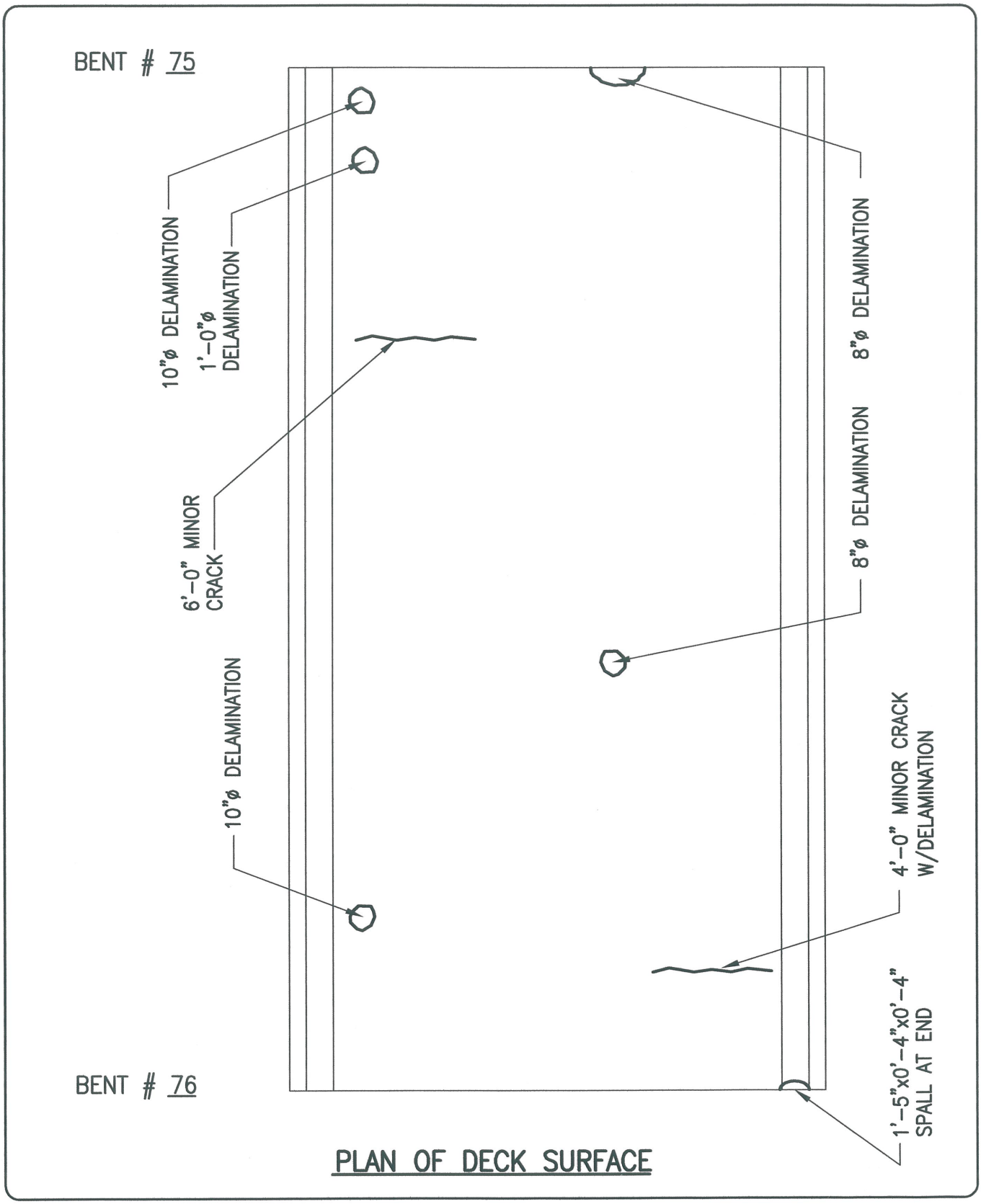


BENT #75

PLAN OF DECK UNDERSIDE

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 541 OF 1347	

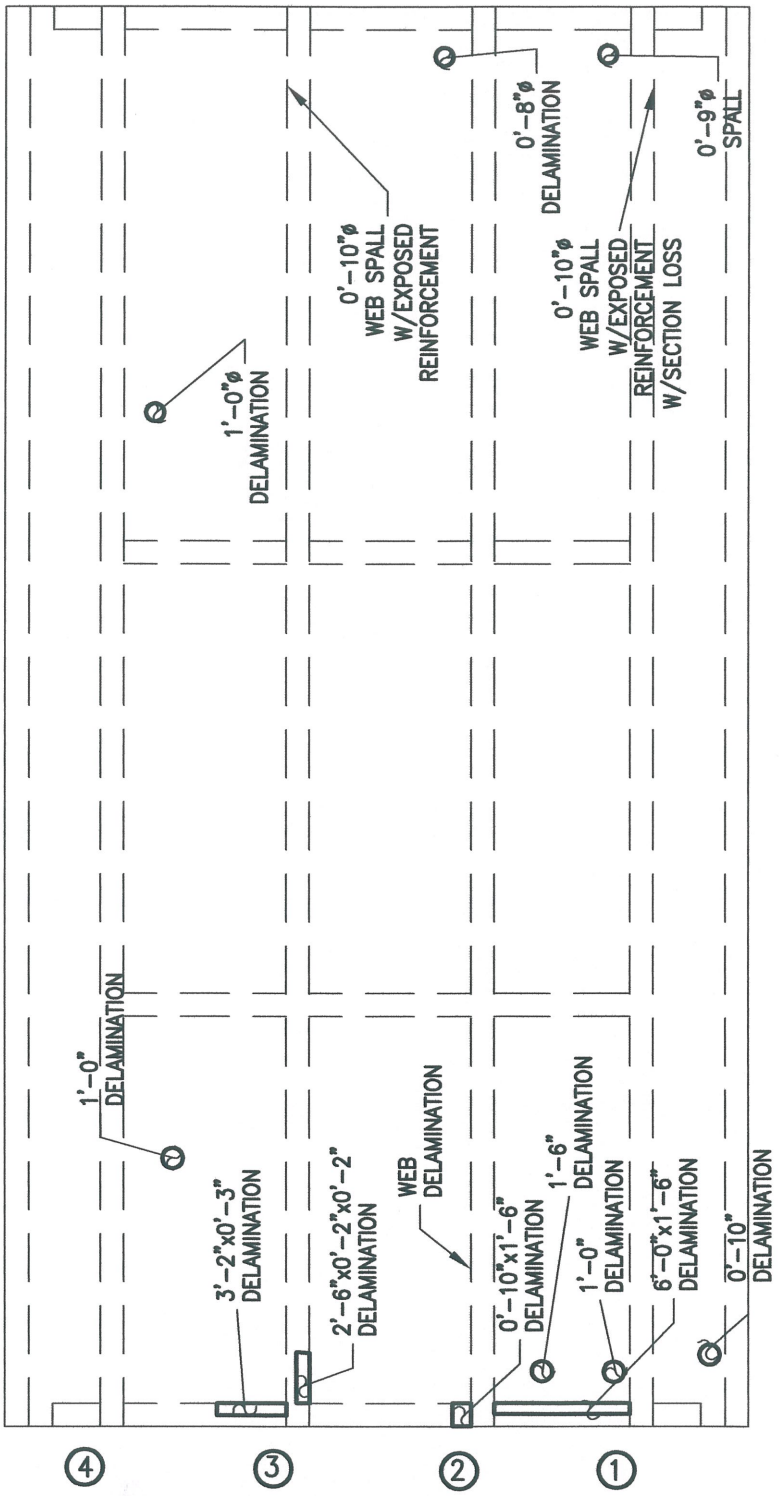


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 54c OF 1347	

BENT #75



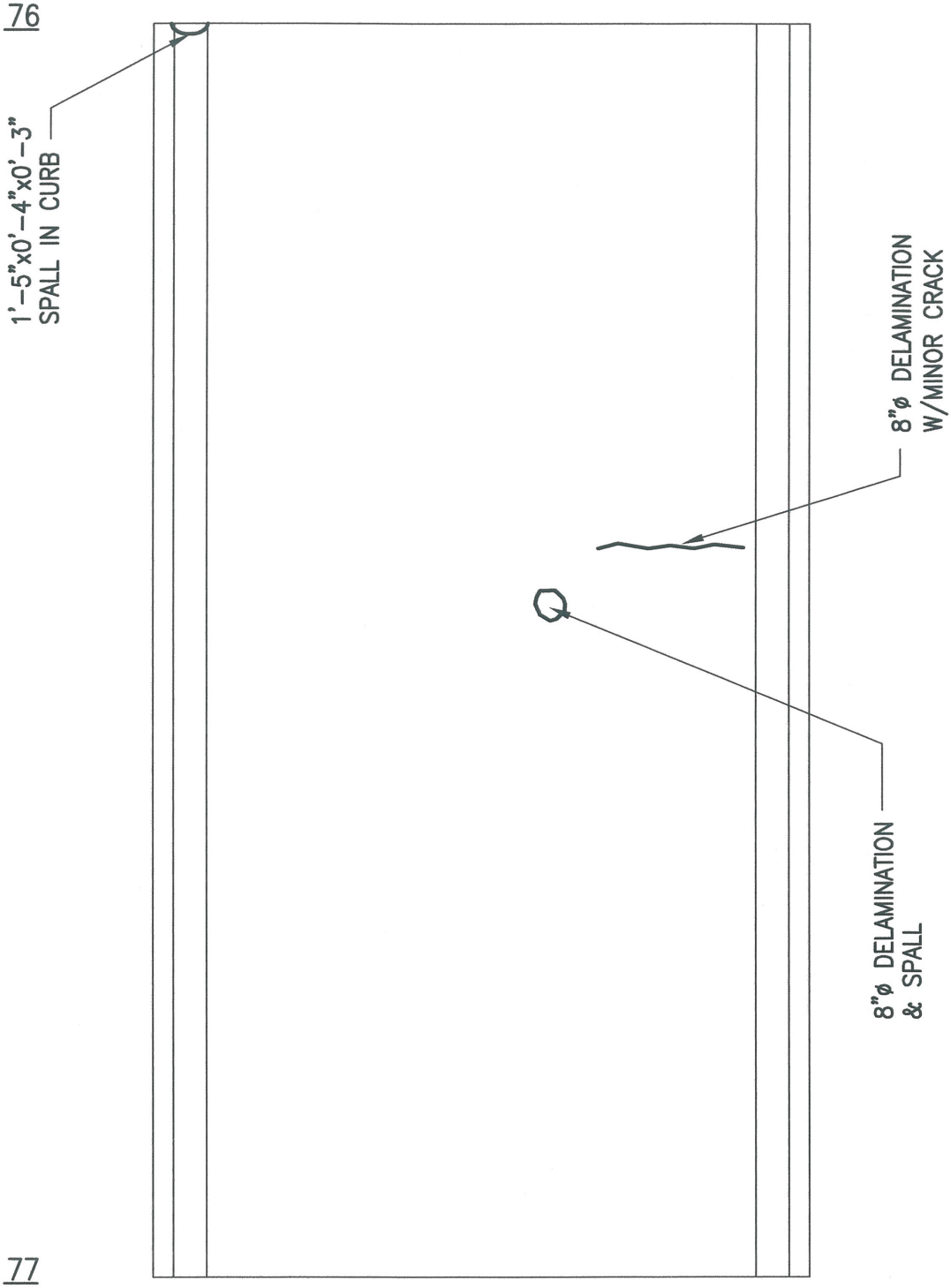
BENT #76

PLAN OF DECK UNDERSIDE

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 547 OF 1347	

BENT # 76



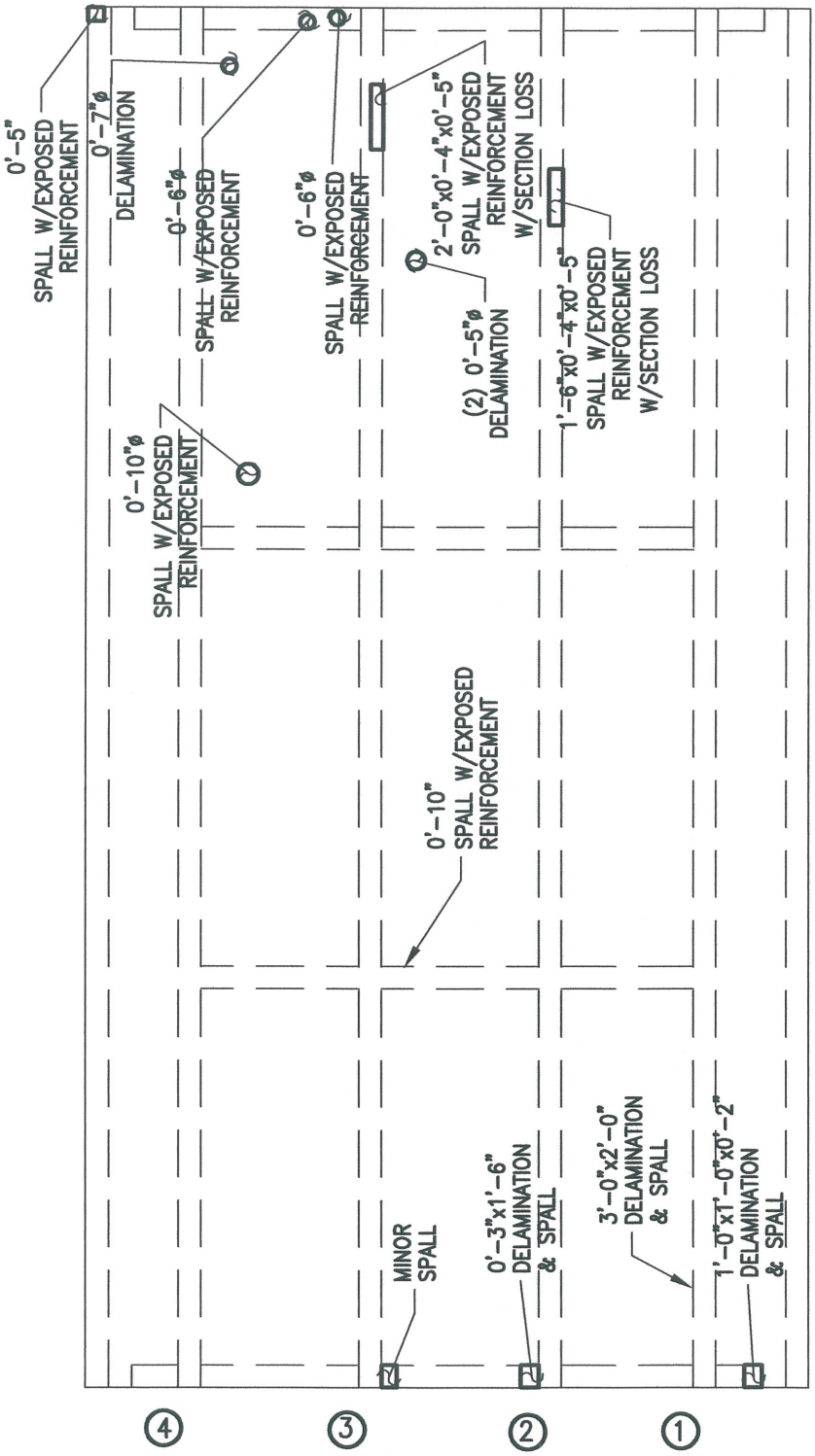
BENT # 77

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 52 OF	1347

BENT #76

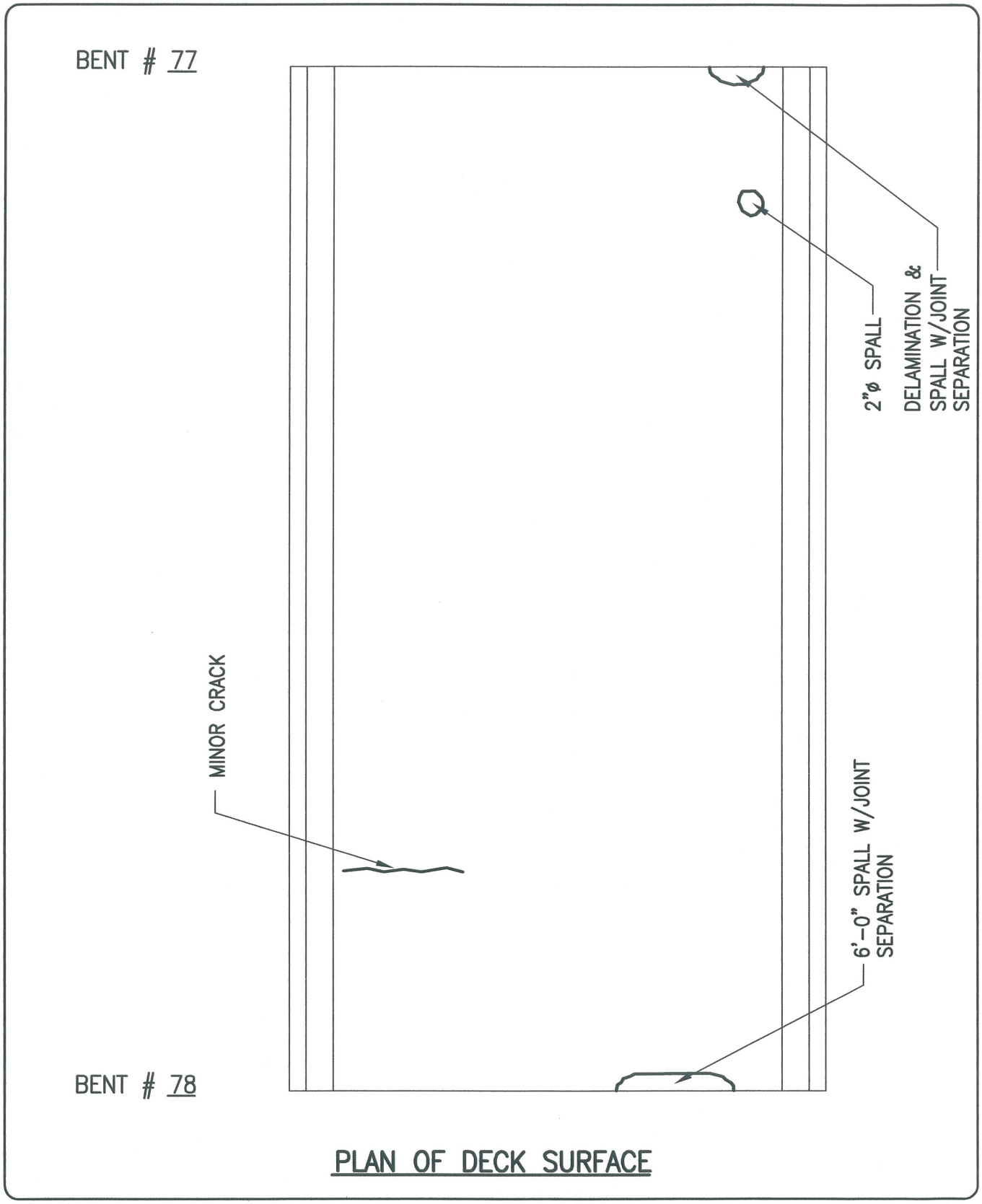


BENT #77

PLAN OF DECK UNDERSIDE

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 553 OF 1347	

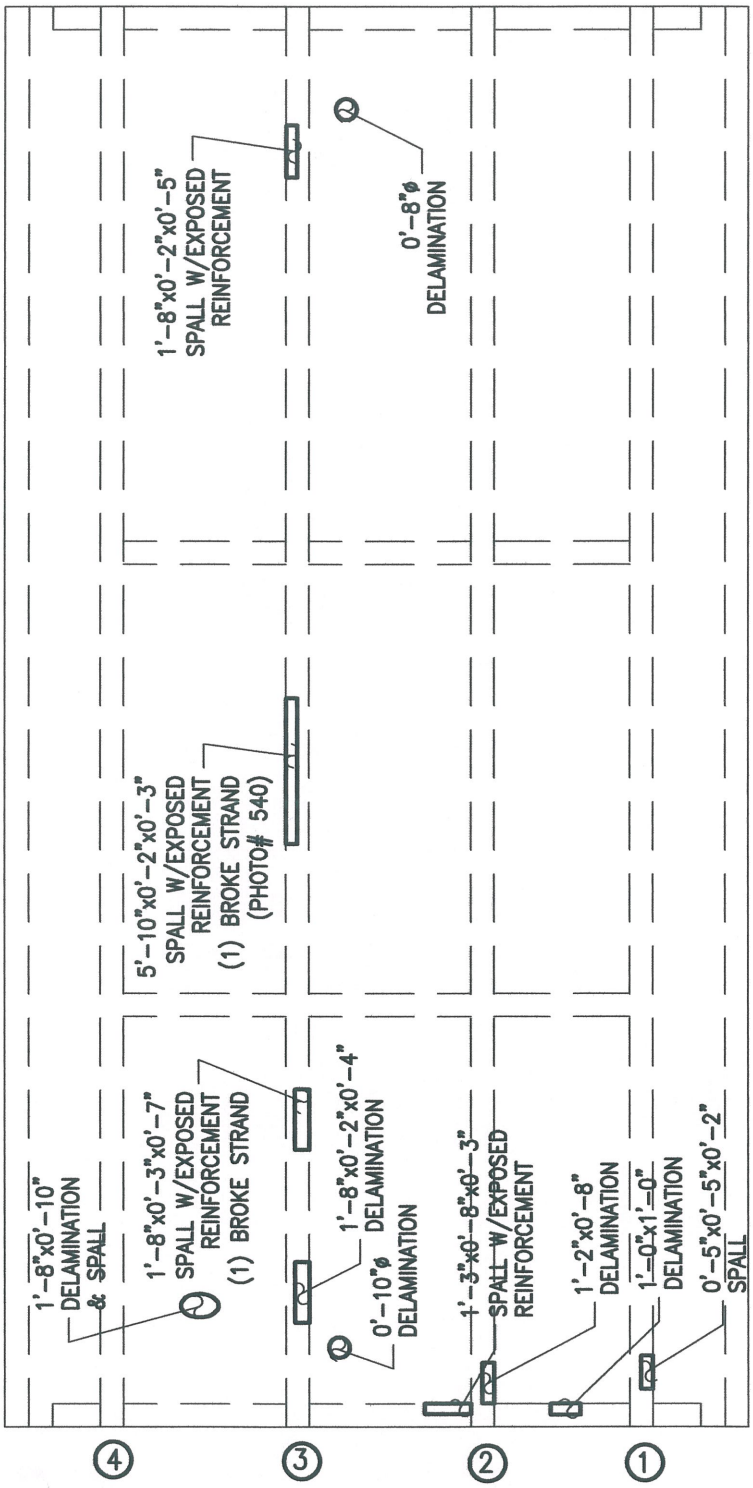


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 556 OF 1347	

BENT #77



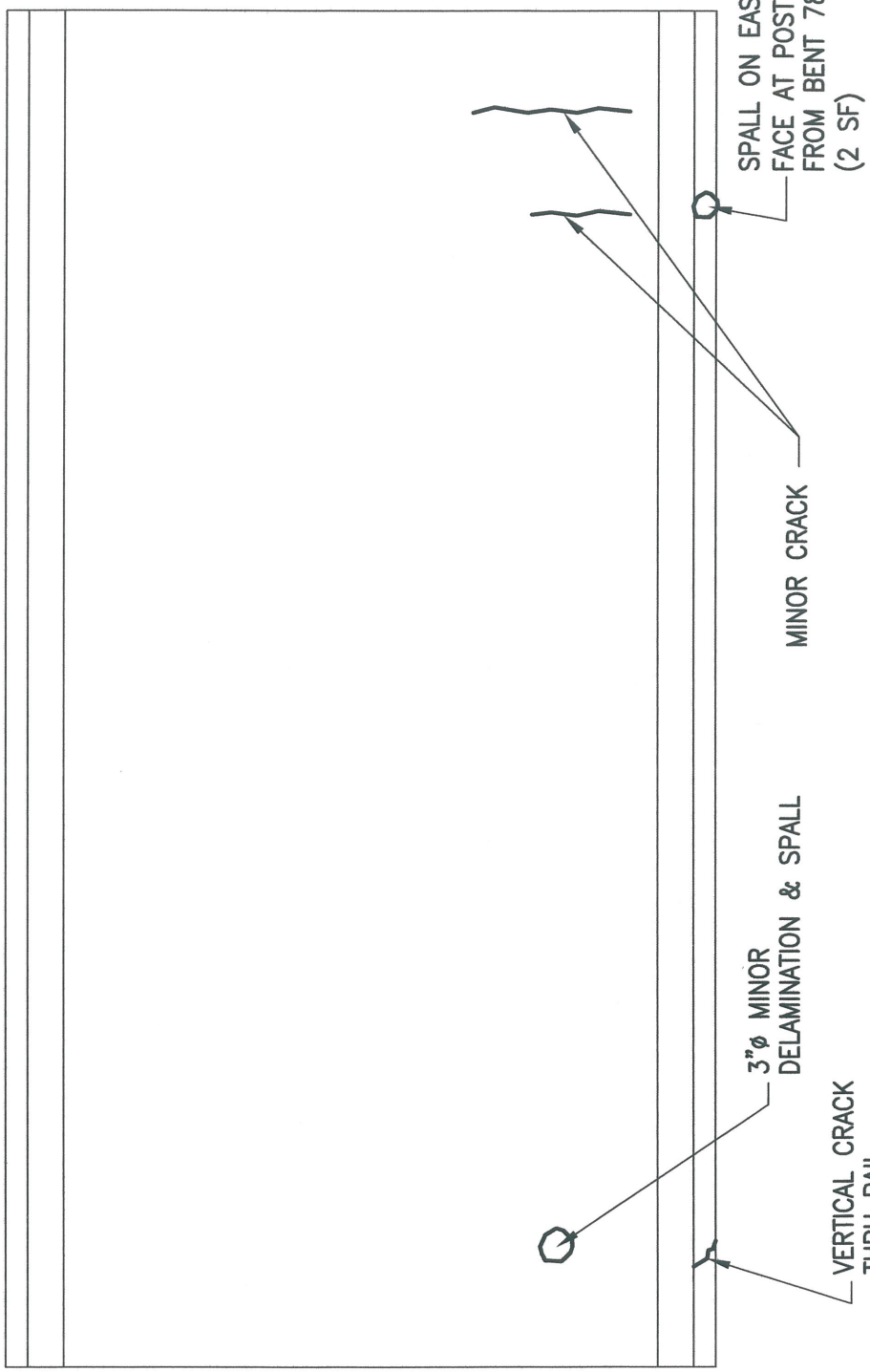
BENT #78

PLAN OF DECK UNDERSIDE

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 559 OF 1347	

BENT # 78



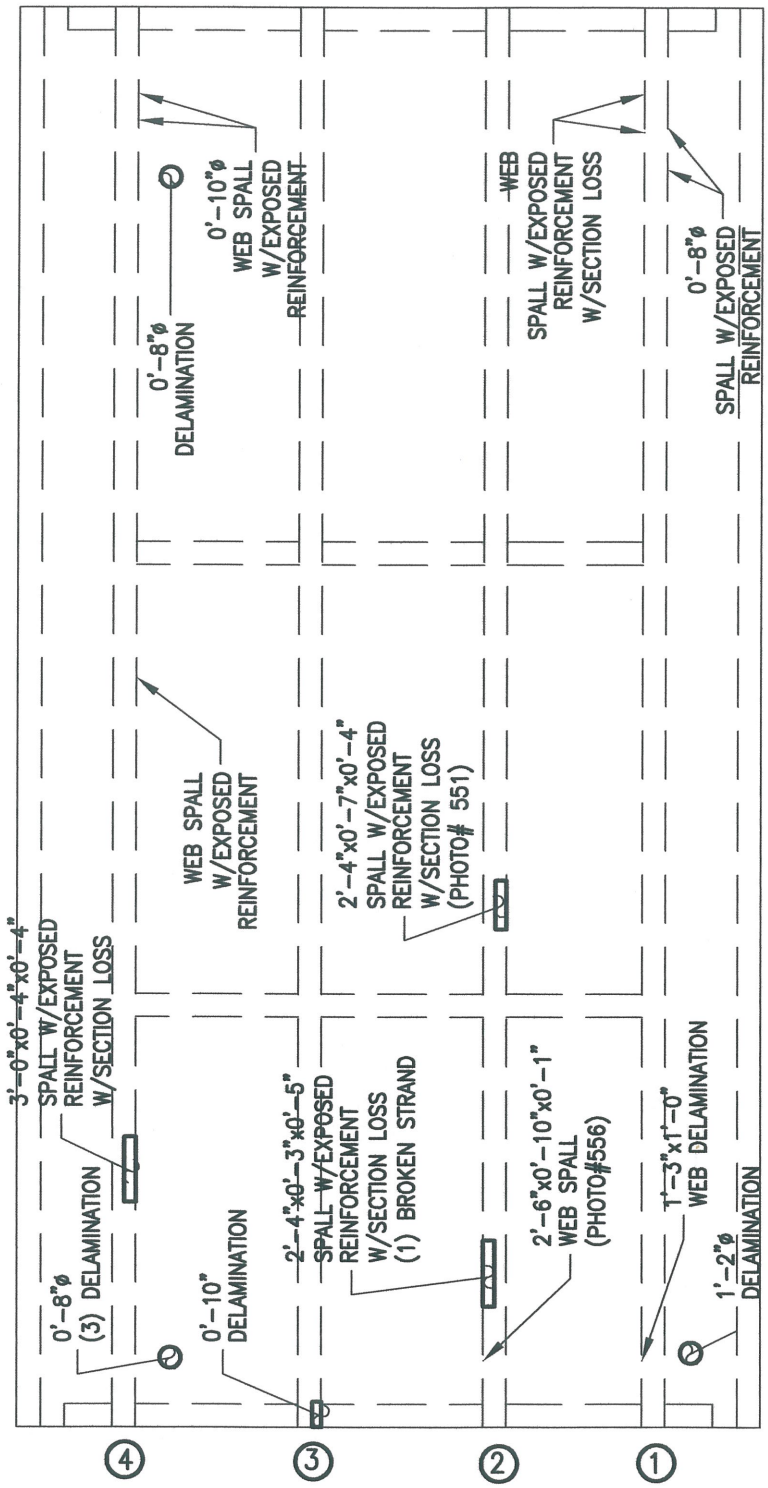
BENT # 79

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 564 OF 1347	

BENT #78

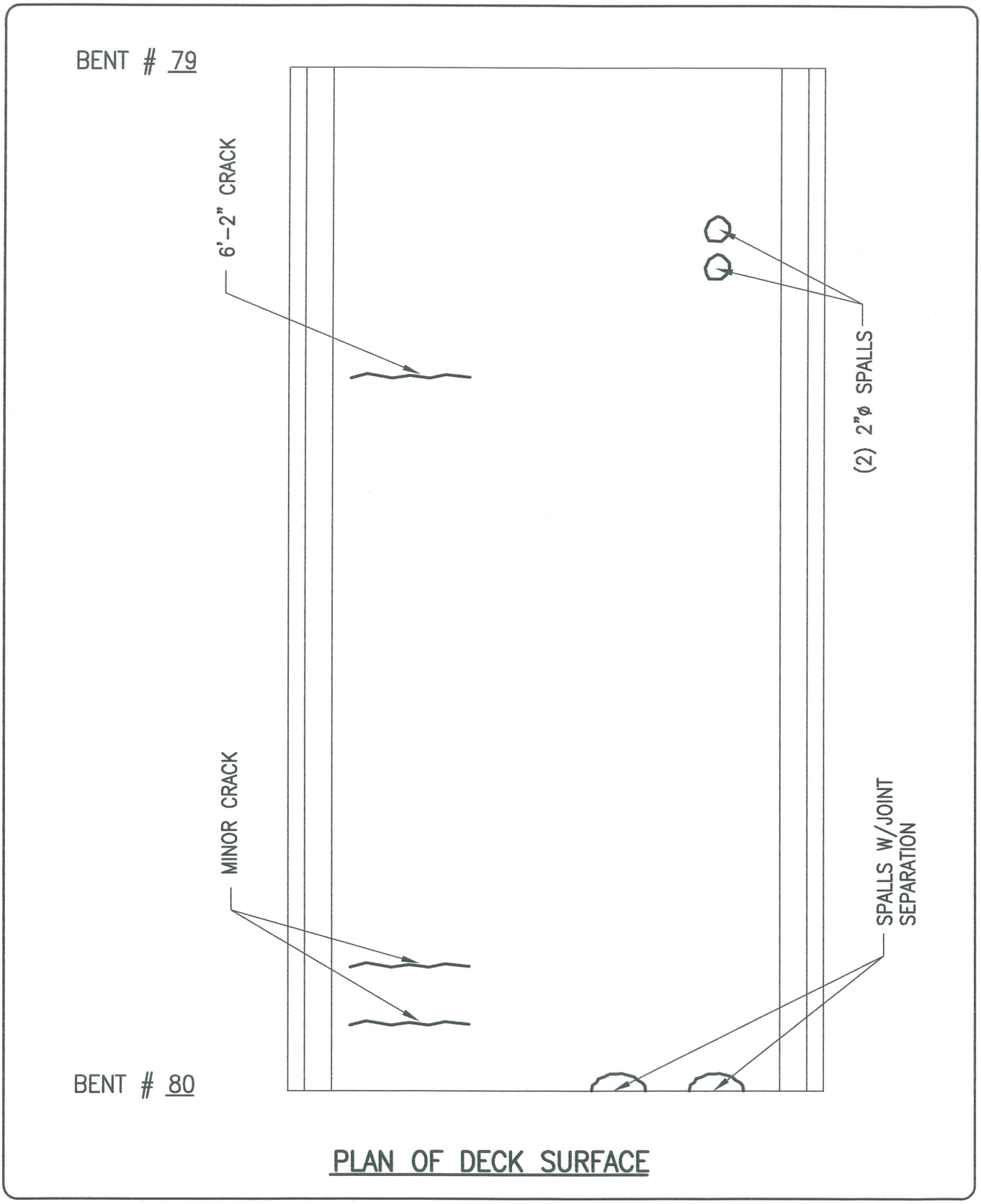


BENT #79

PLAN OF DECK UNDERSIDE

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 56 OF	1347

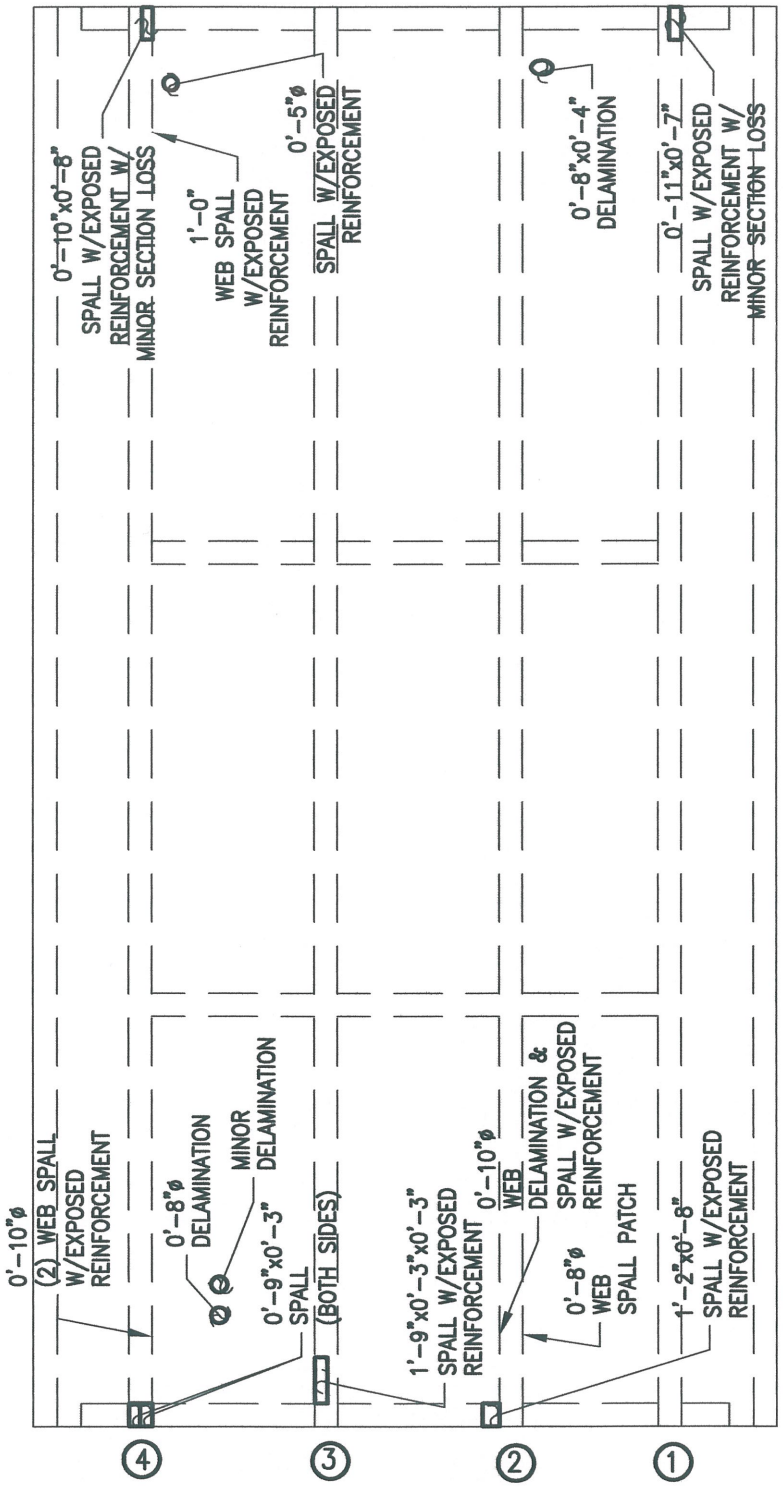


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 570 OF	1347

BENT #79



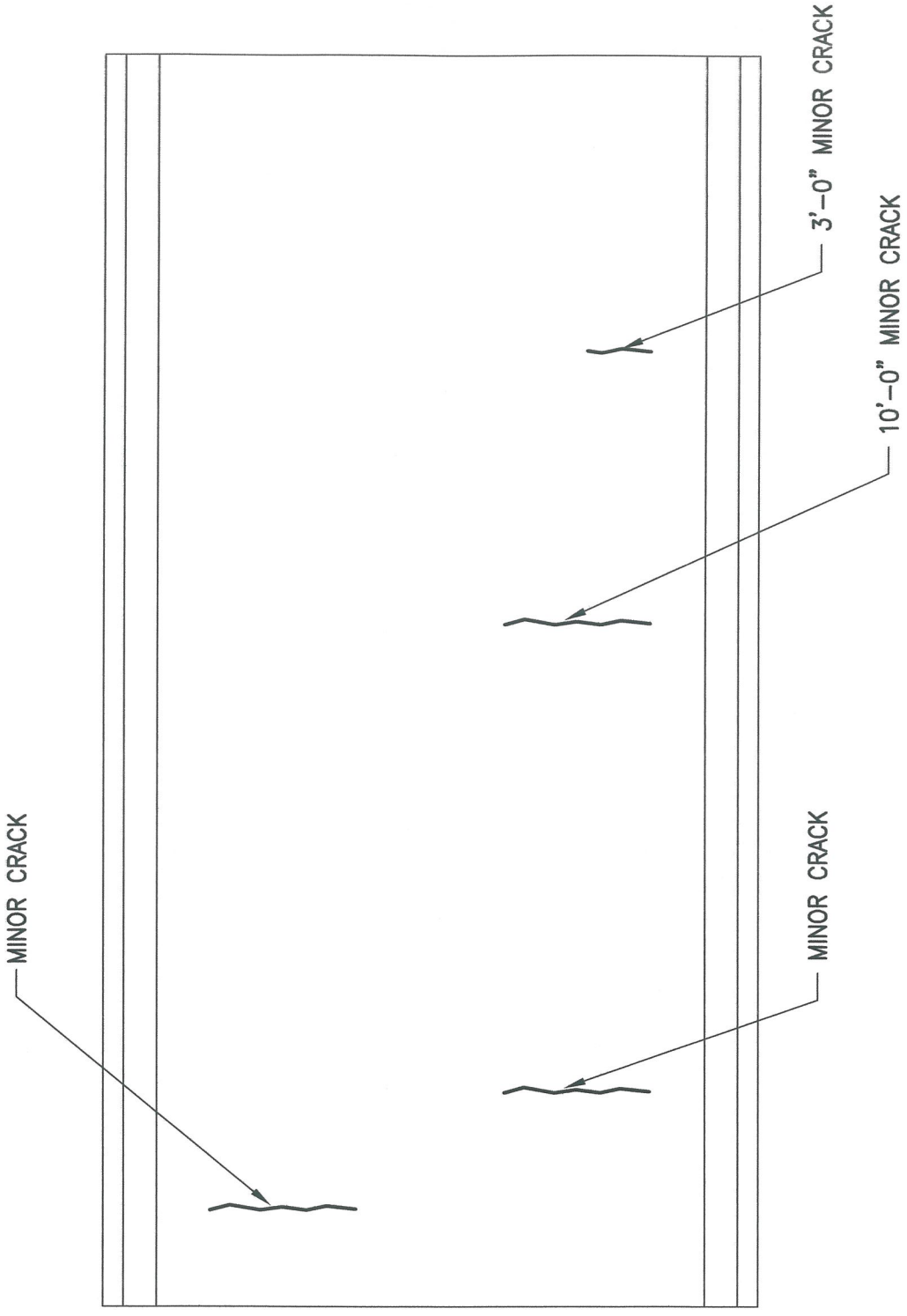
BENT #80

PLAN OF DECK UNDERSIDE

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 57 OF 134	

BENT # 80



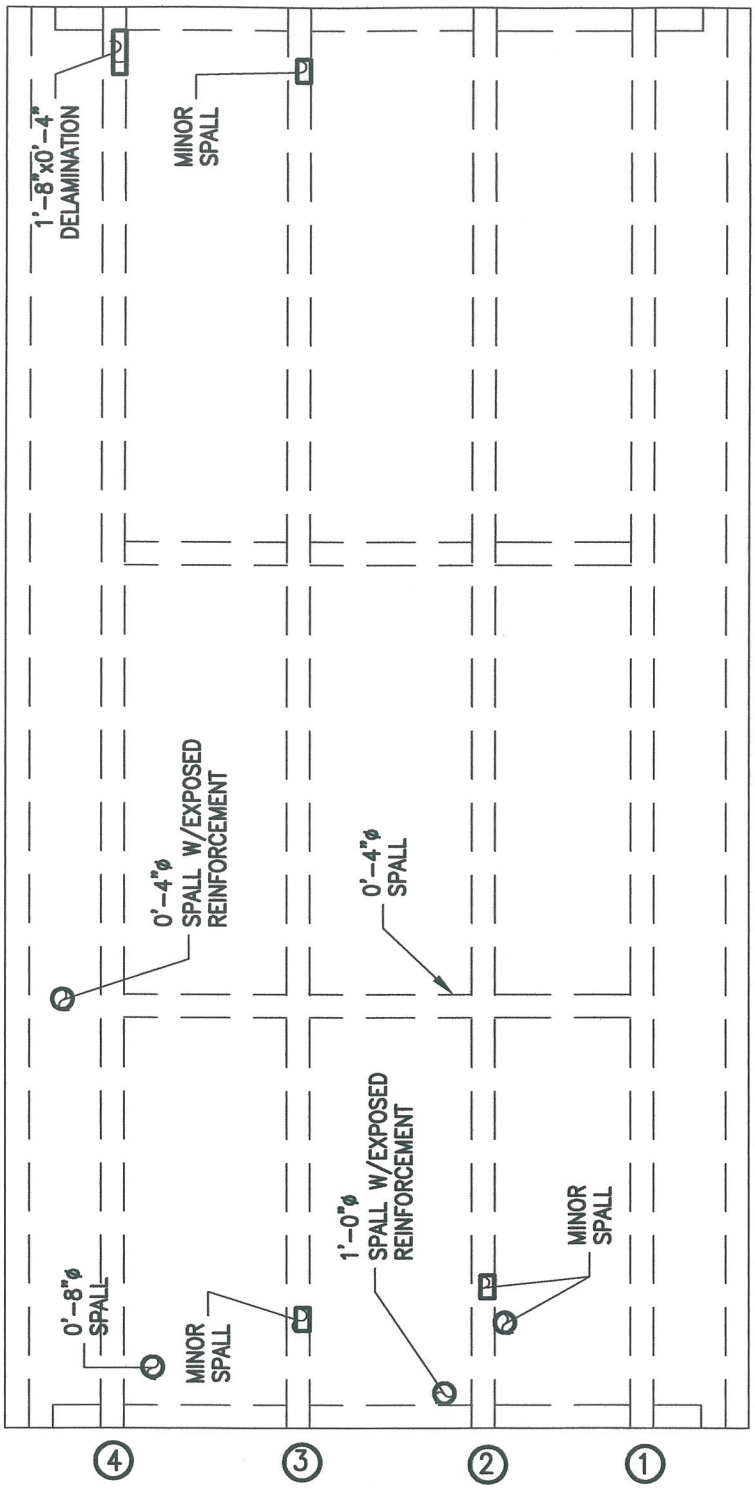
BENT # 81

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 57c OF 1347	

BENT #80



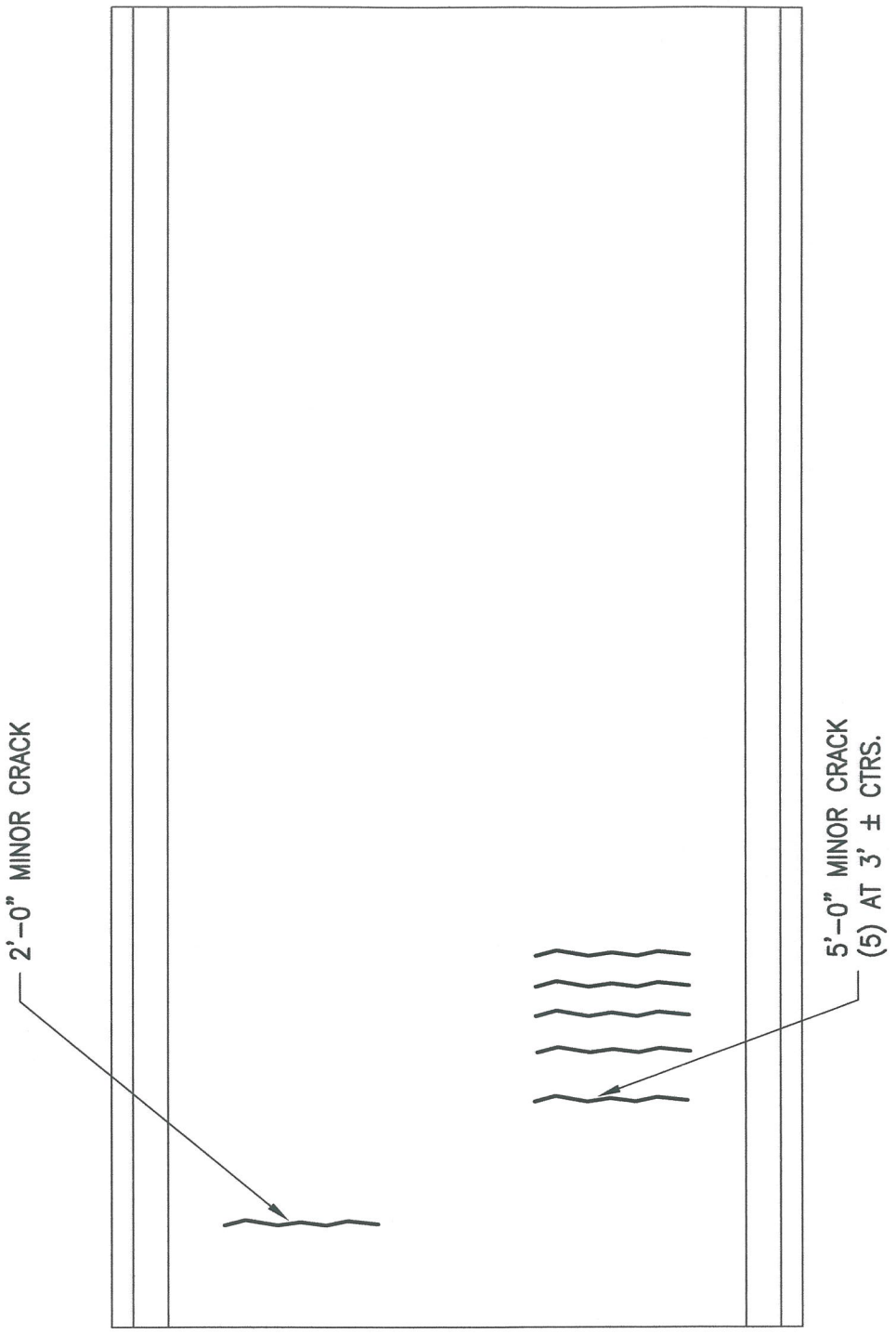
BENT #81

PLAN OF DECK UNDERSIDE

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 577 OF	1347

BENT # 81



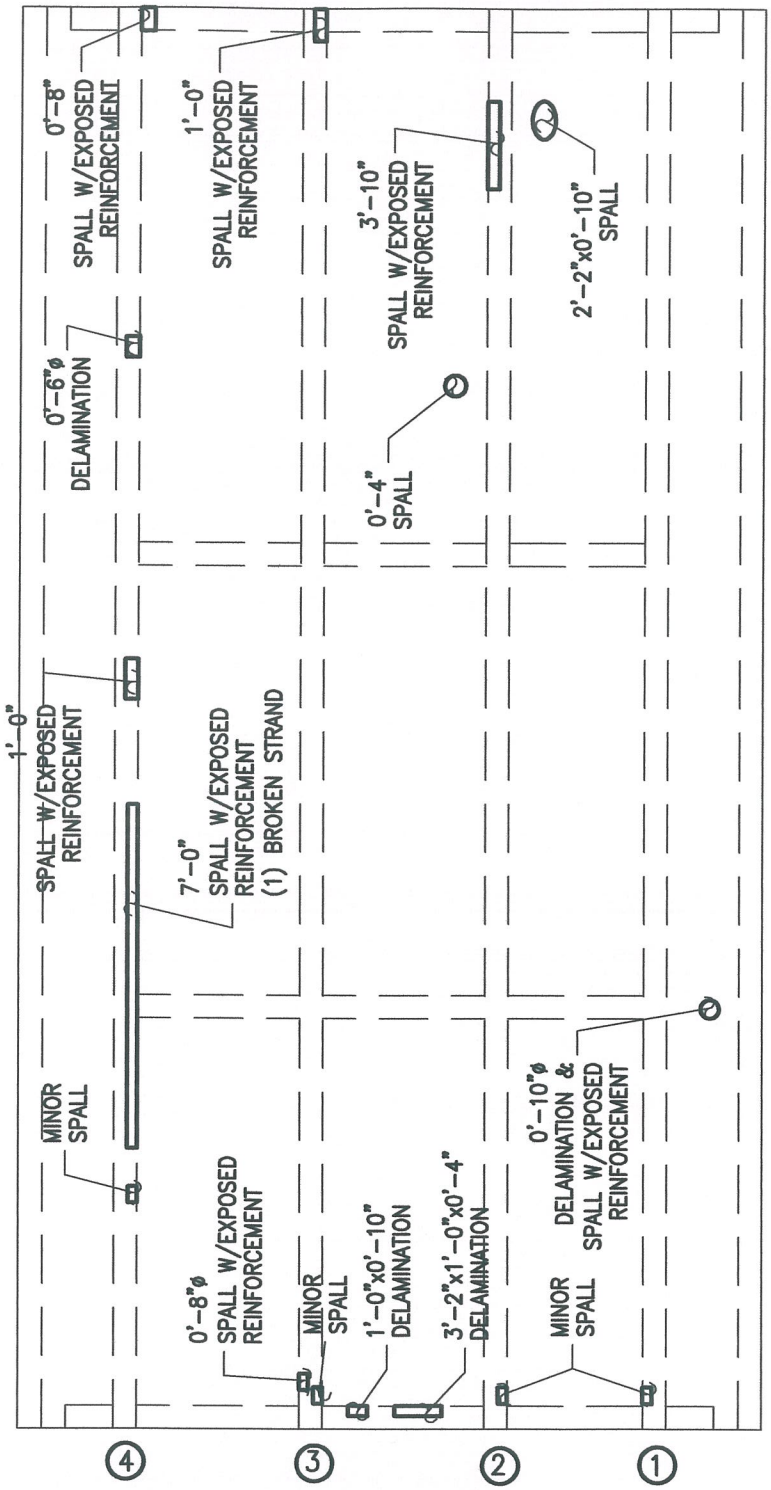
BENT # 82

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 582 OF 1347	

BENT #81



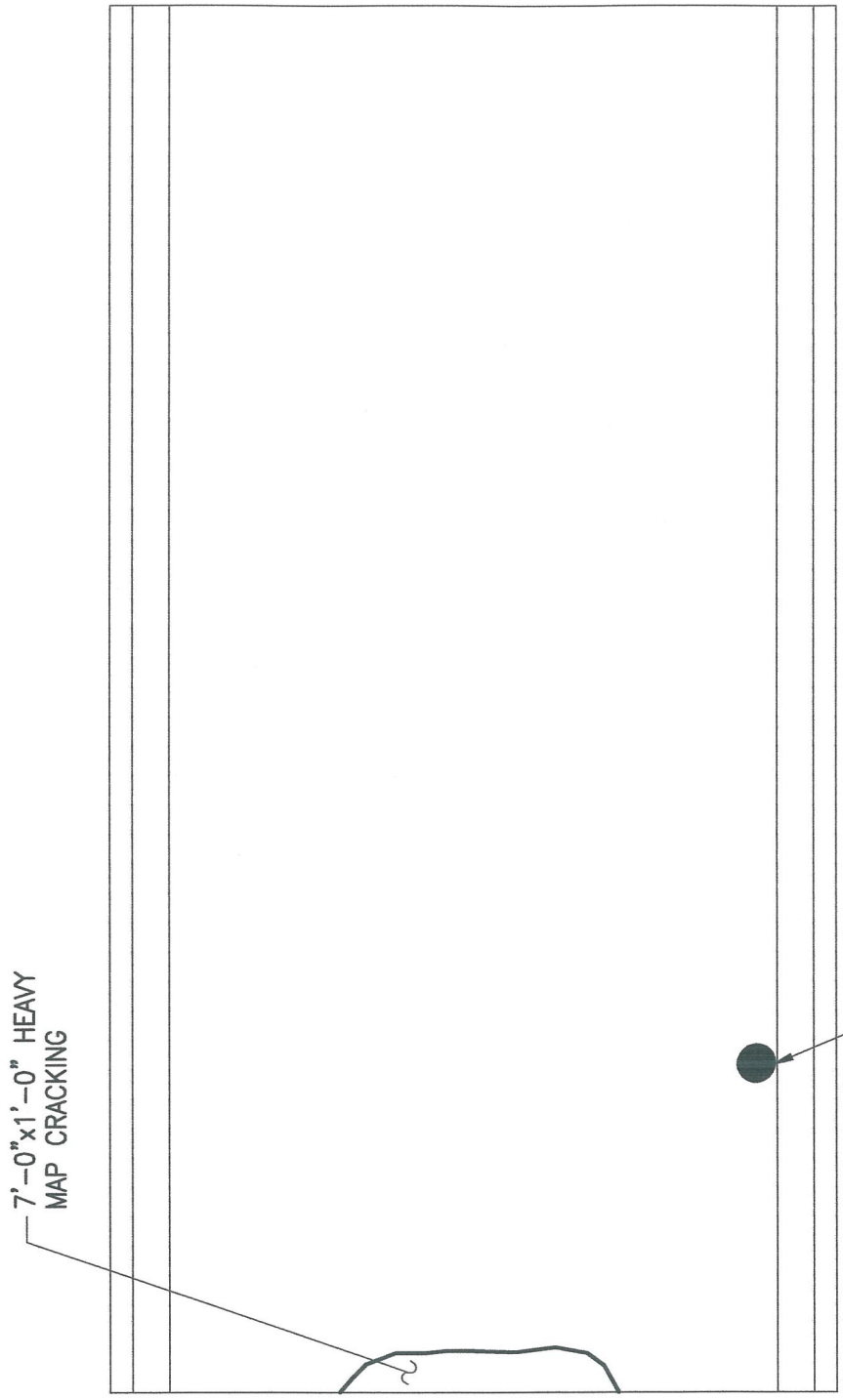
BENT #82

PLAN OF DECK UNDERSIDE

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 563 OF 1347	

BENT # 82



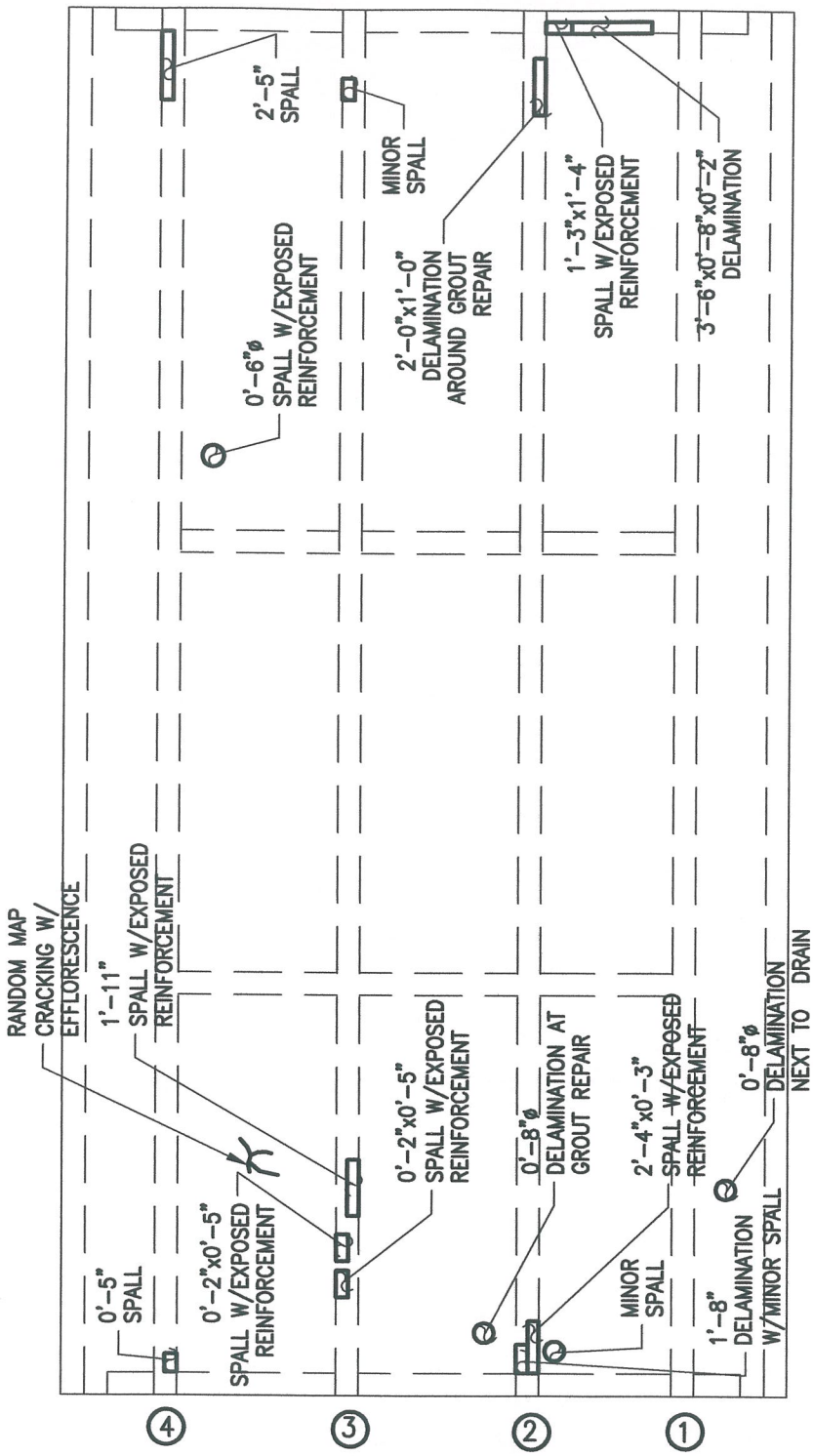
BENT # 83

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 568 OF 1347	

BENT #82



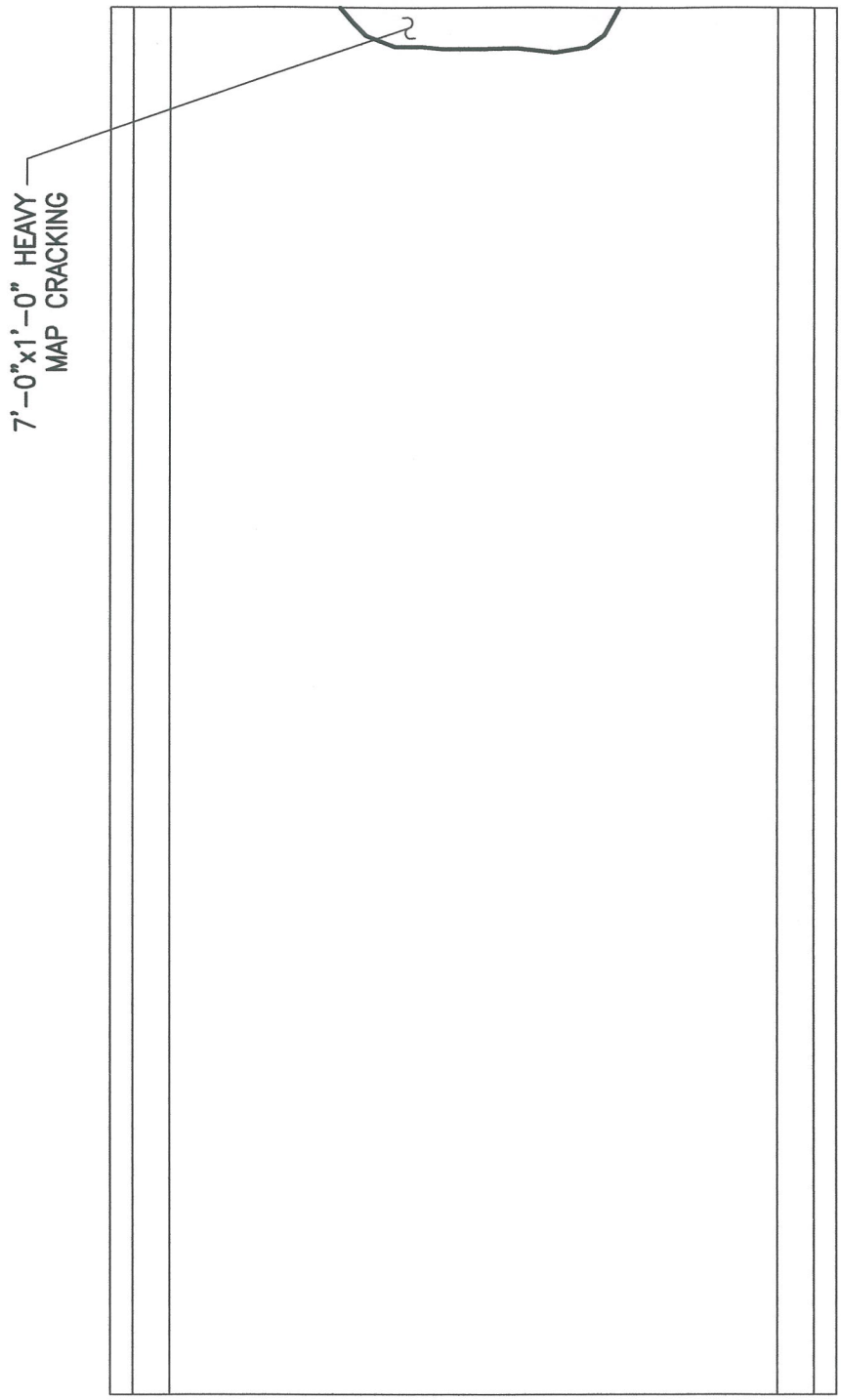
BENT #83

PLAN OF DECK UNDERSIDE

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 589 OF 1347	

BENT # 83



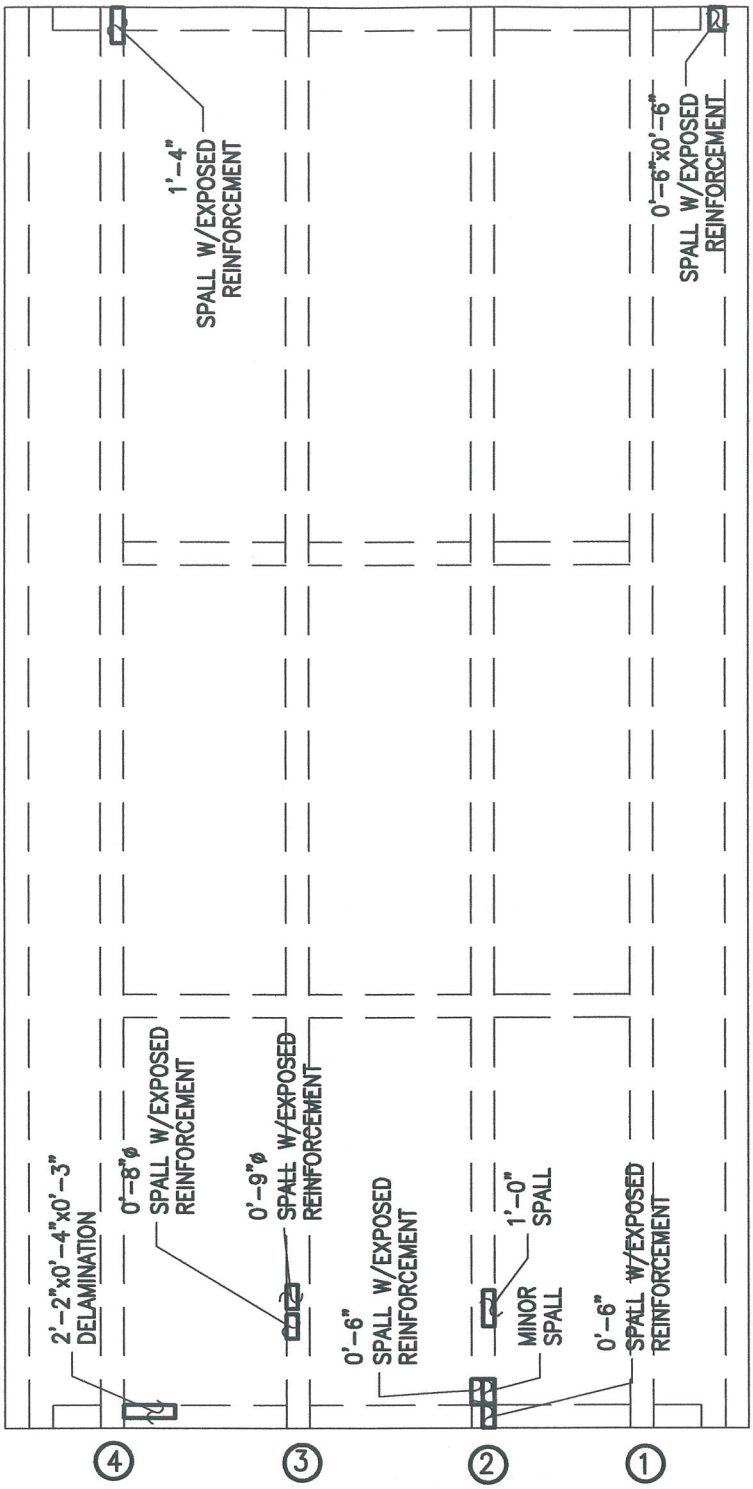
BENT # 84

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 594 OF 1347	

BENT #83



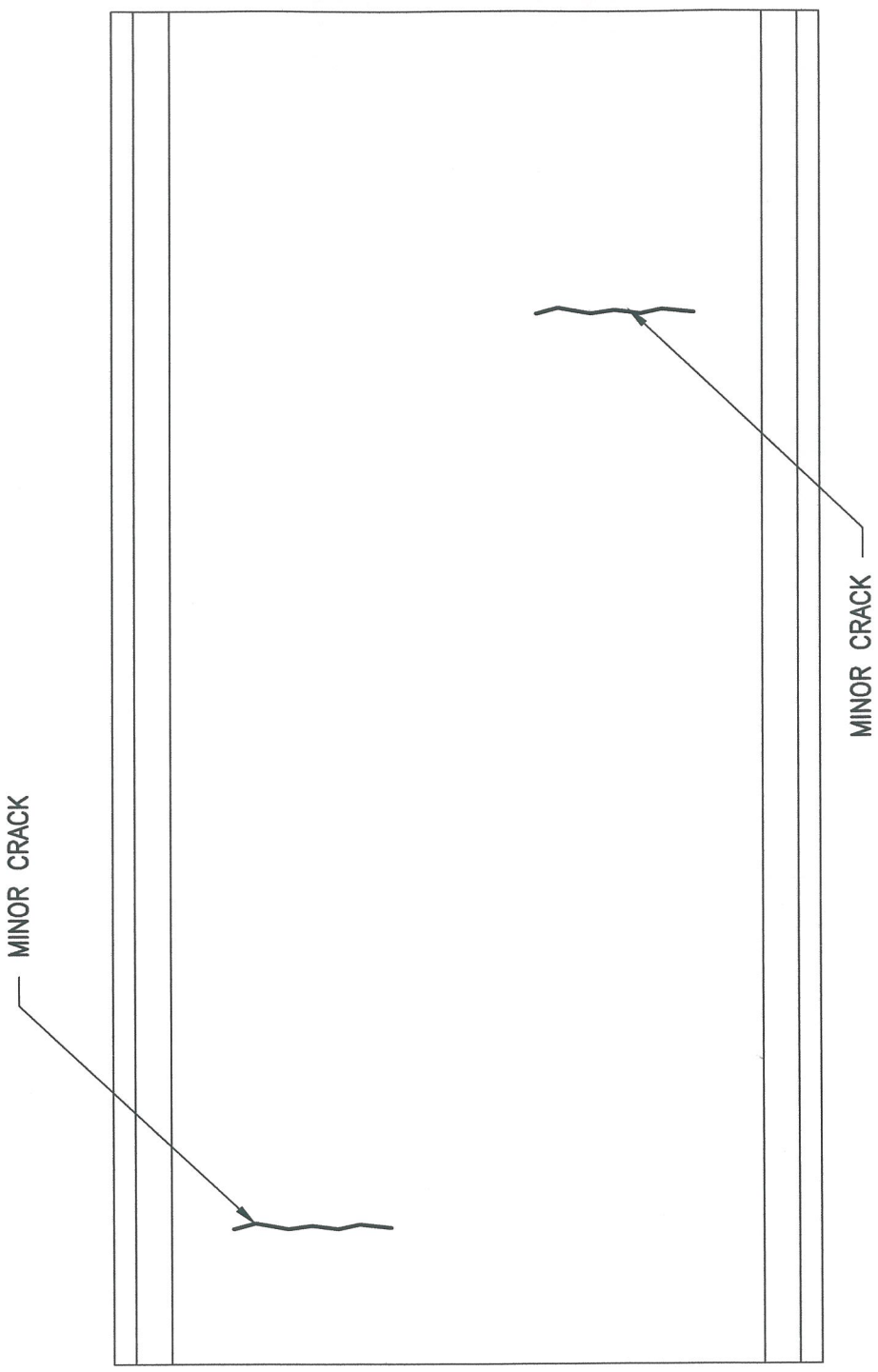
BENT #84

PLAN OF DECK UNDERSIDE

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 5% OF 1347	

BENT # 84



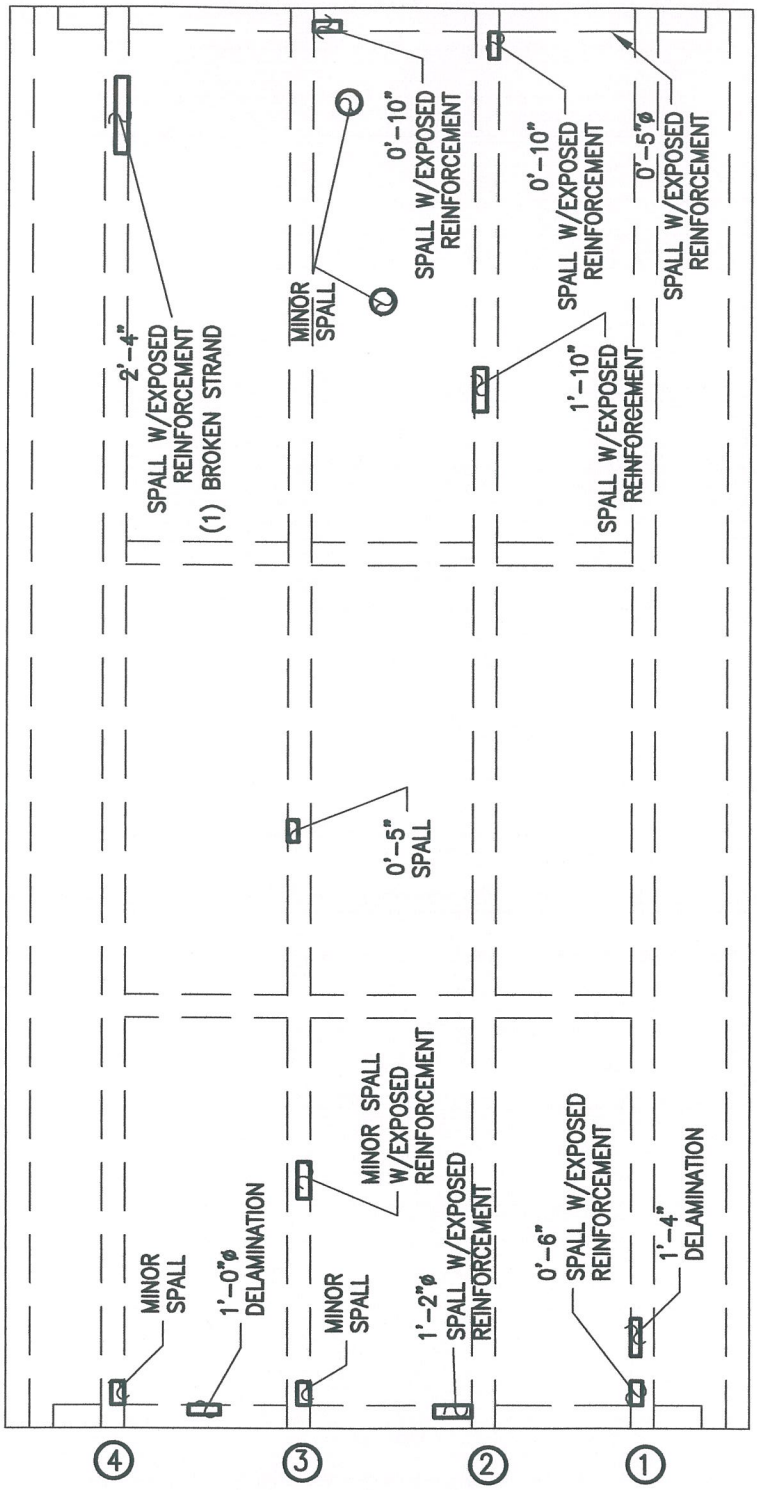
BENT # 85

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 60 OF 1347	

BENT #84



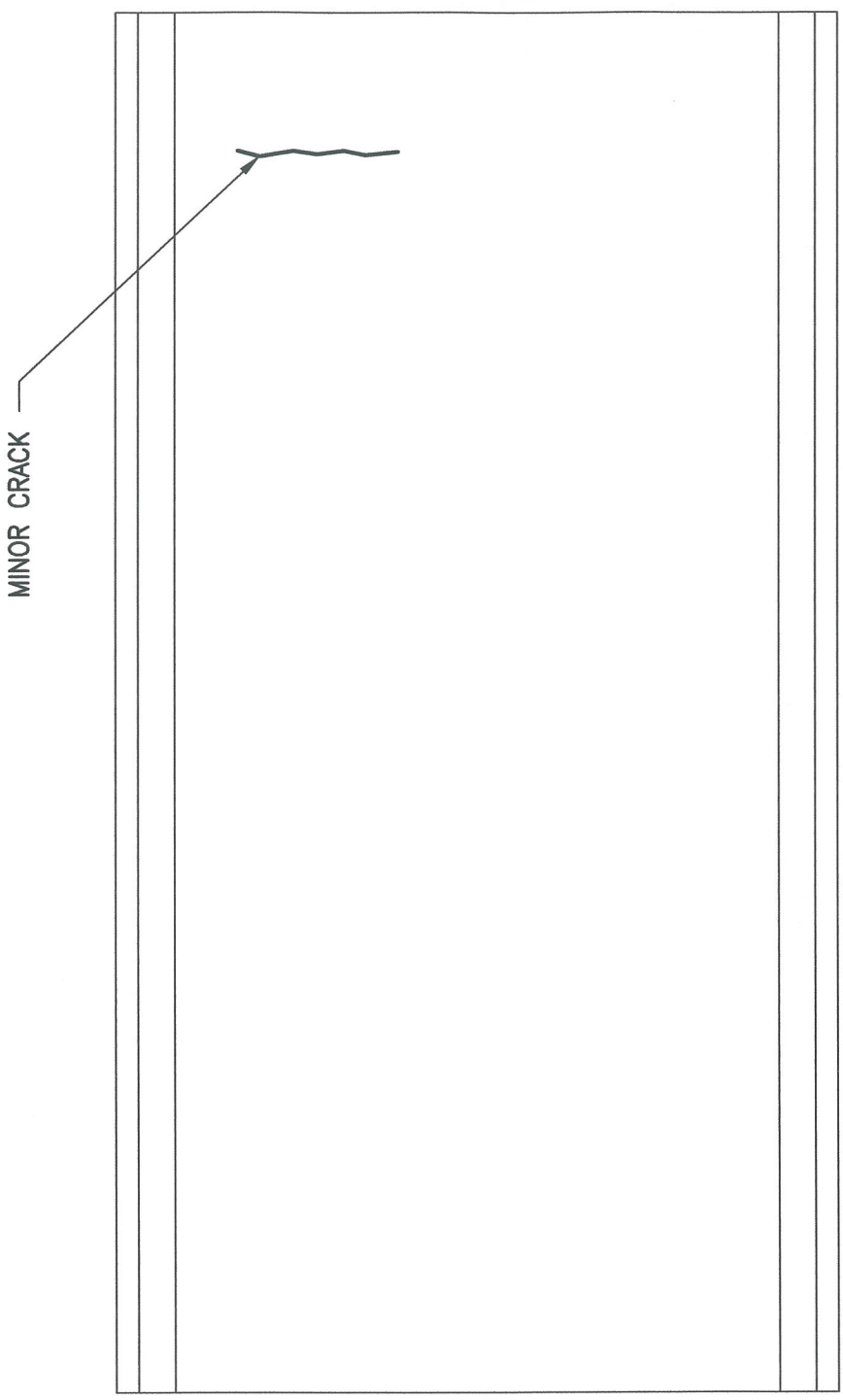
BENT #85

PLAN OF DECK UNDERSIDE

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 601 OF 1347	

BENT # 85



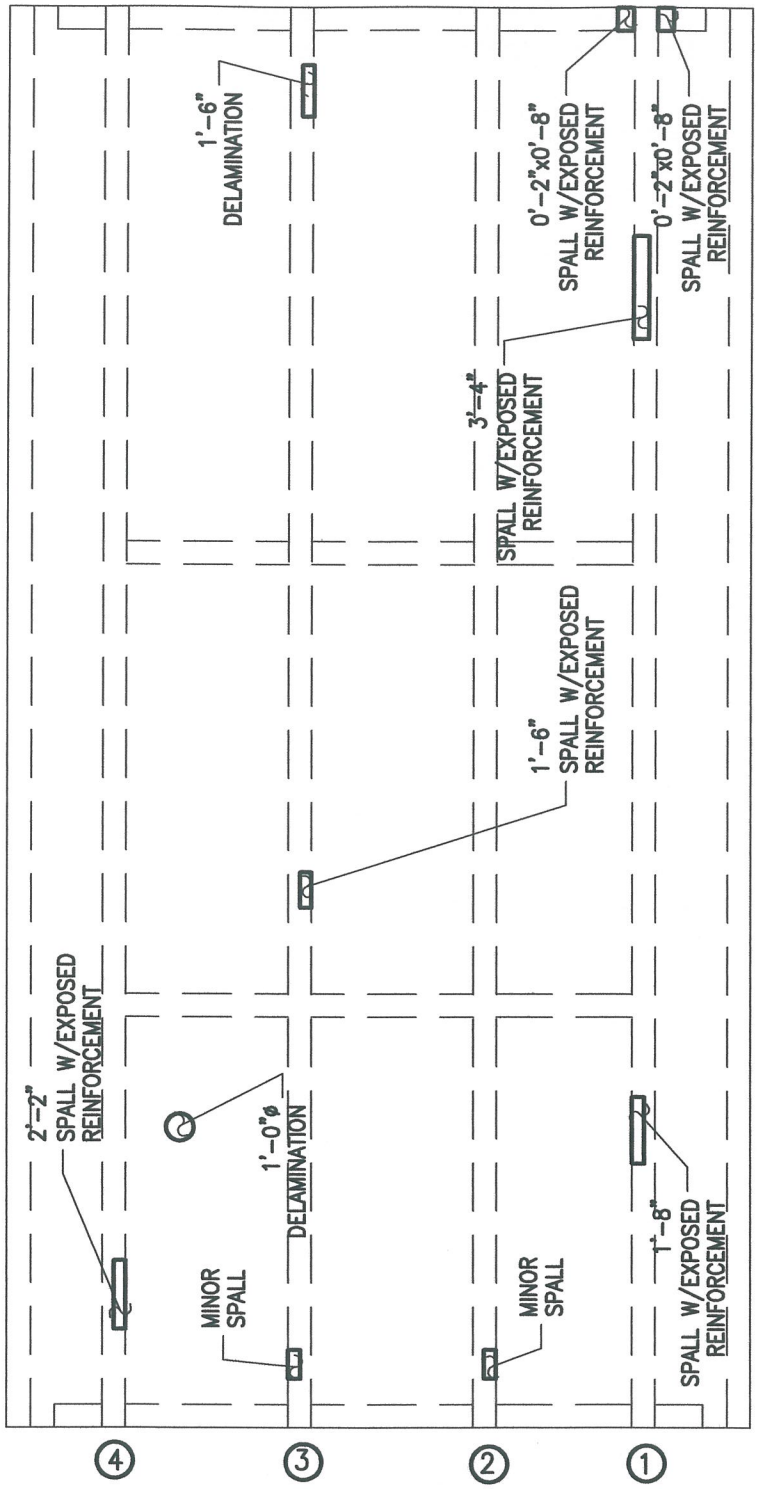
BENT # 86

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 66 OF	1347

BENT #85



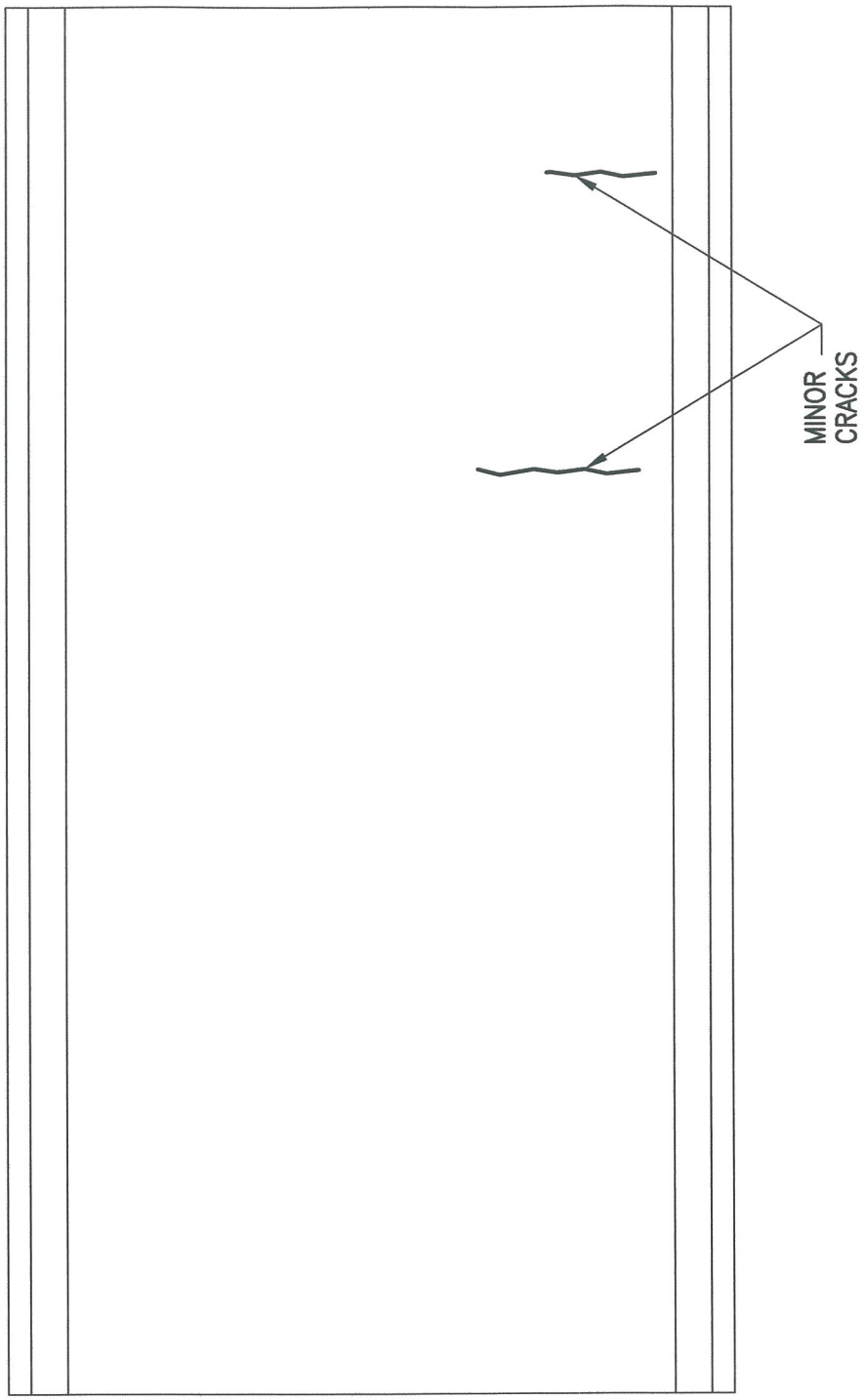
BENT #86

PLAN OF DECK UNDERSIDE

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 67 OF 1347	

BENT # 86



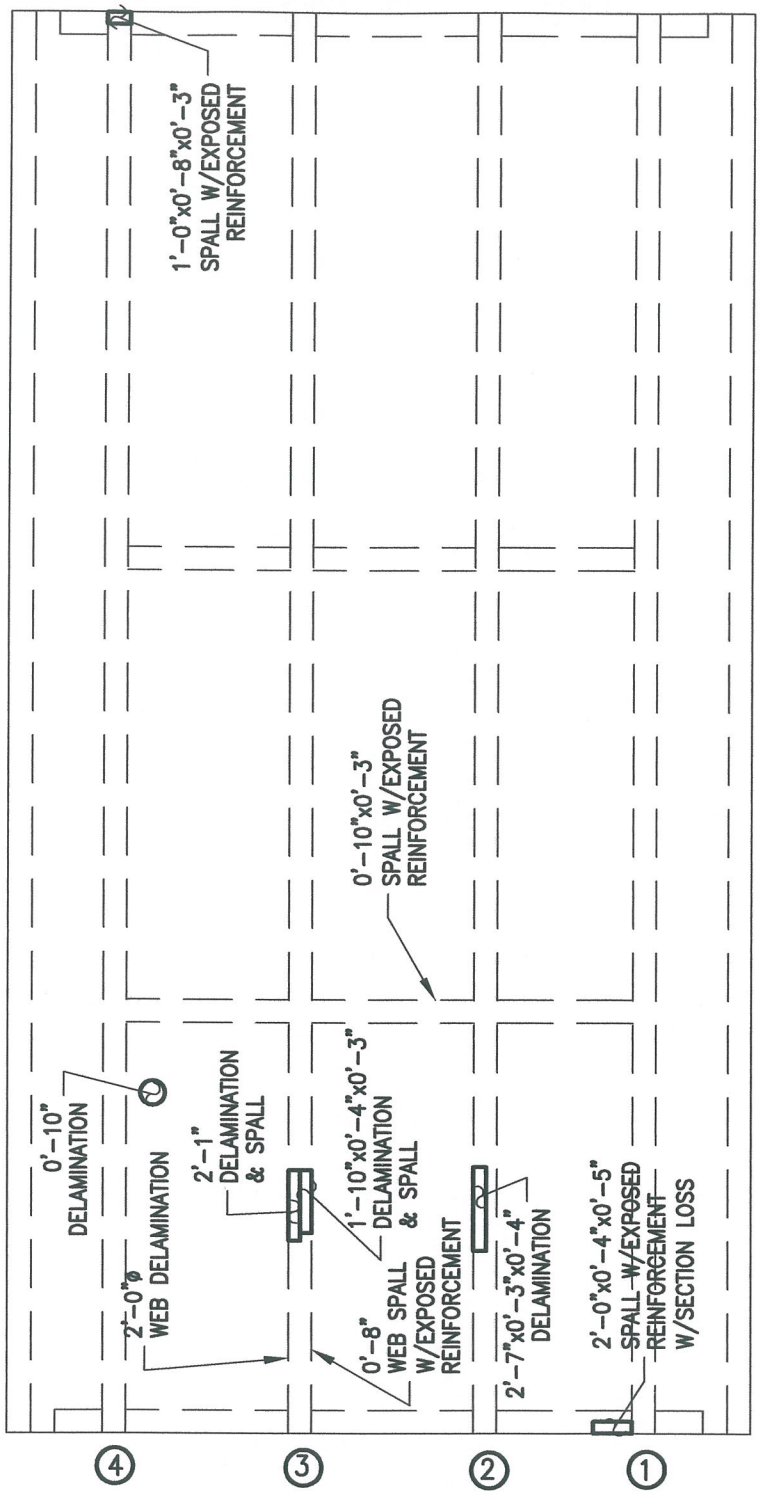
BENT # 87

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 12 OF 1347	

BENT #86



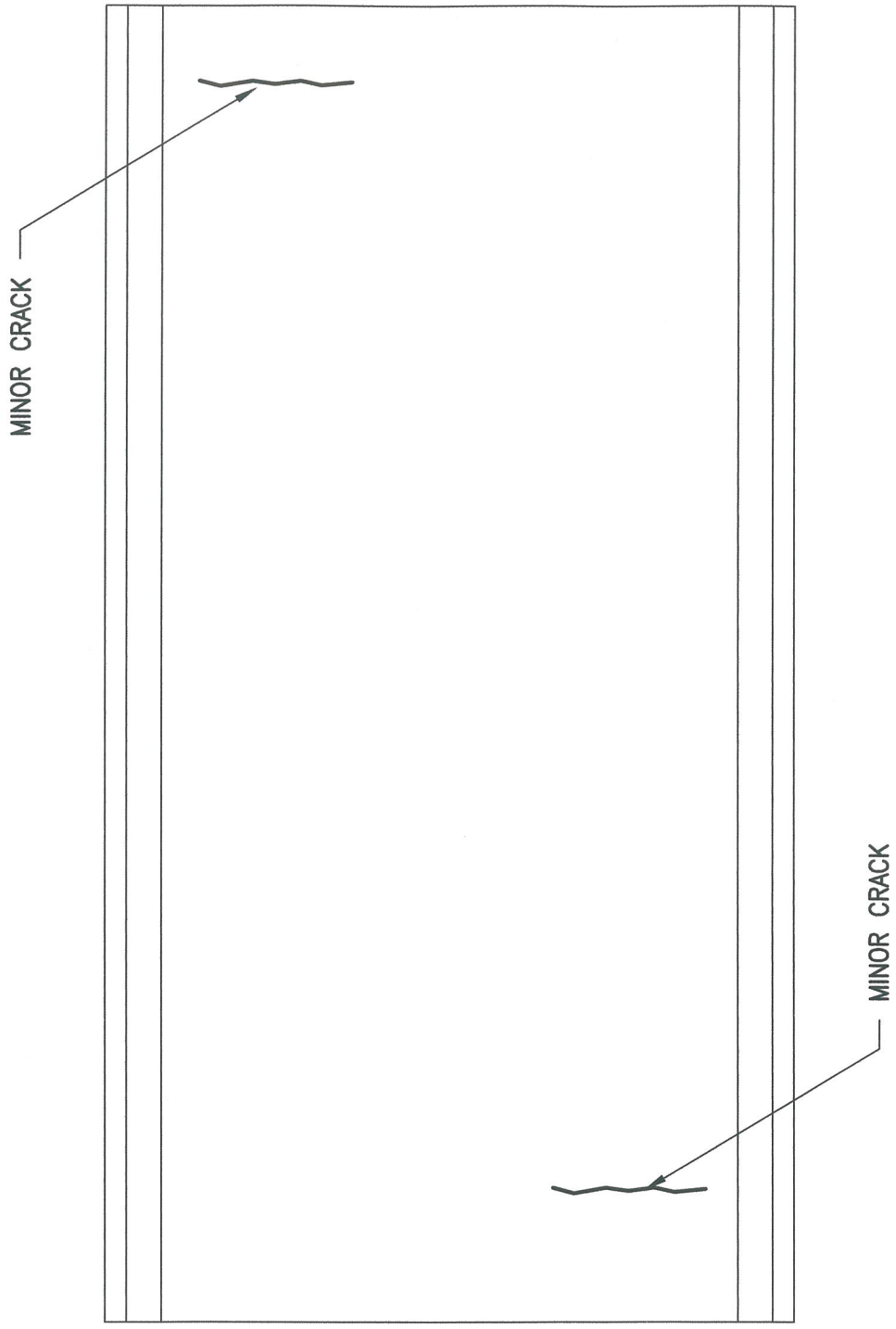
BENT #87

PLAN OF DECK UNDERSIDE

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 613 OF 1347	

BENT # 87



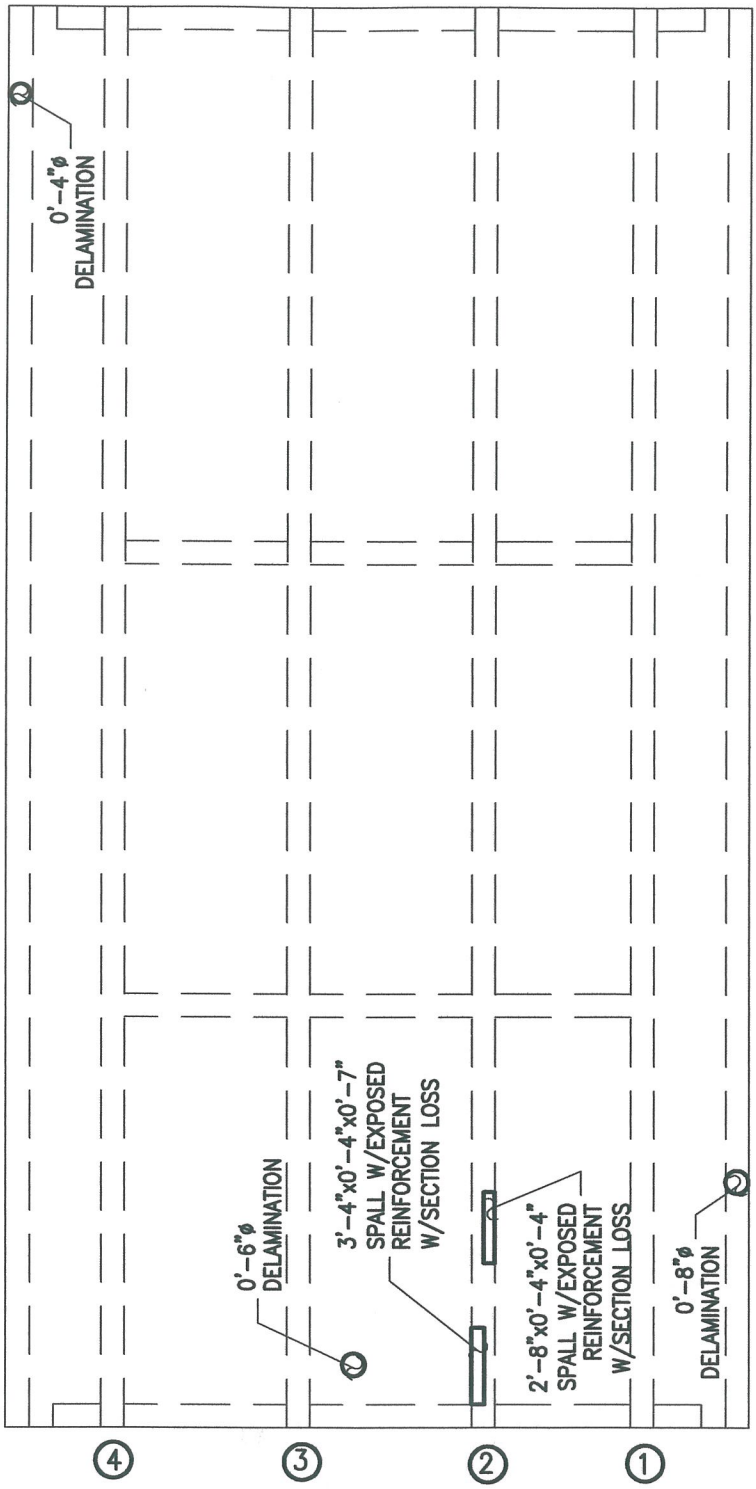
BENT # 88

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 016 OF	347

BENT #87



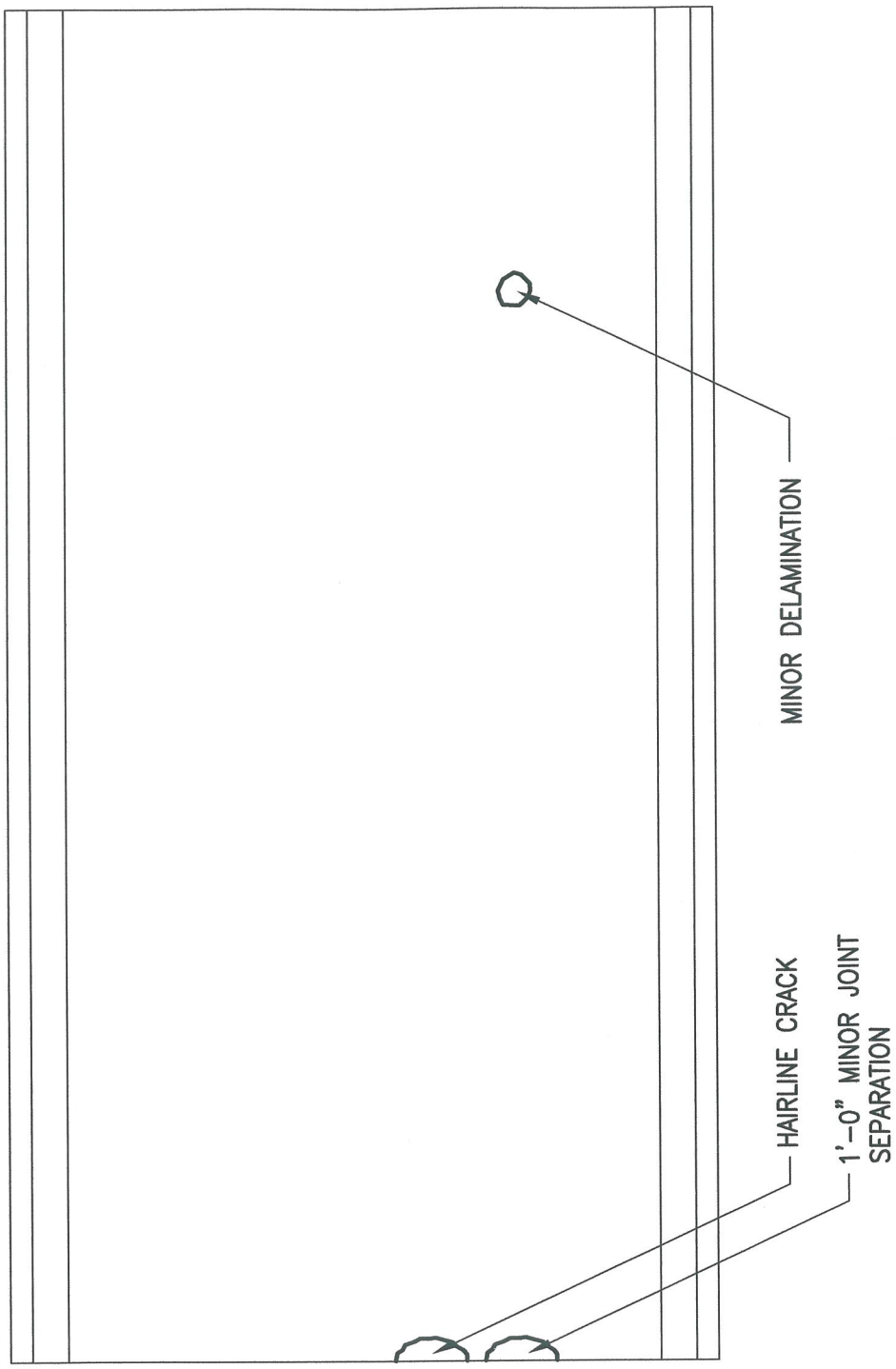
BENT #88

PLAN OF DECK UNDERSIDE

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 69 OF 1347	

BENT # 88



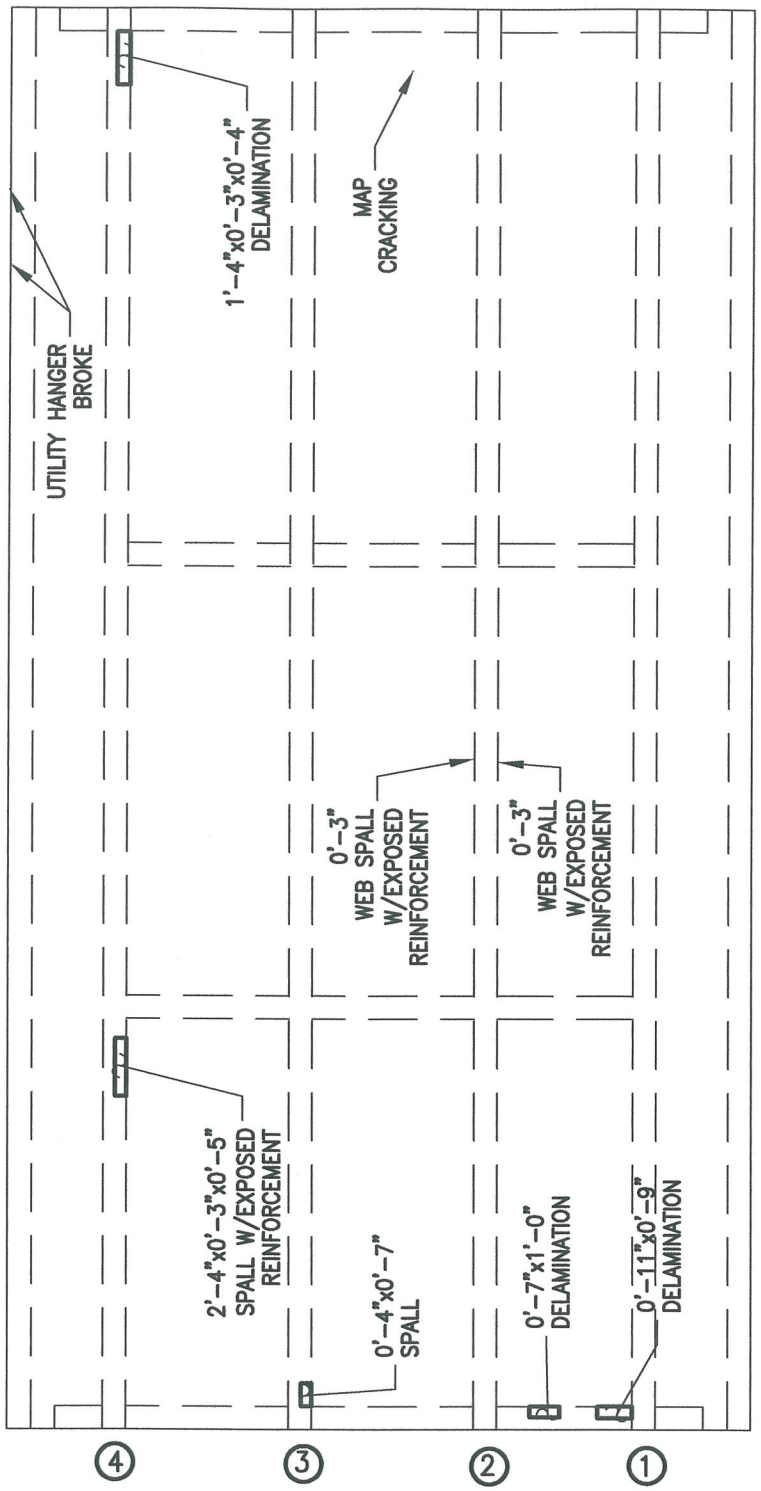
BENT # 89

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 624 OF 1347	

BENT #88

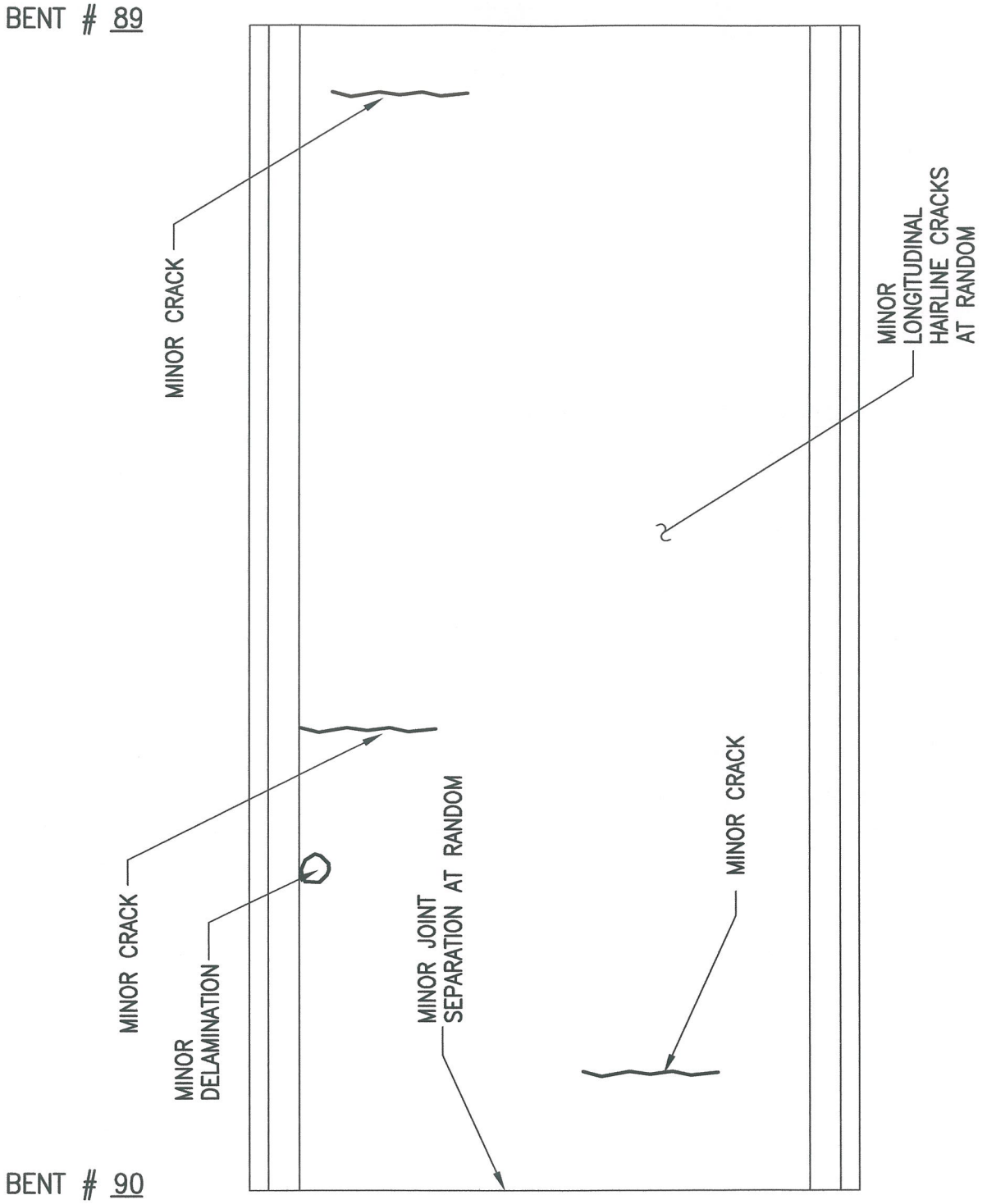


BENT #89

PLAN OF DECK UNDERSIDE

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 25 OF 1347	

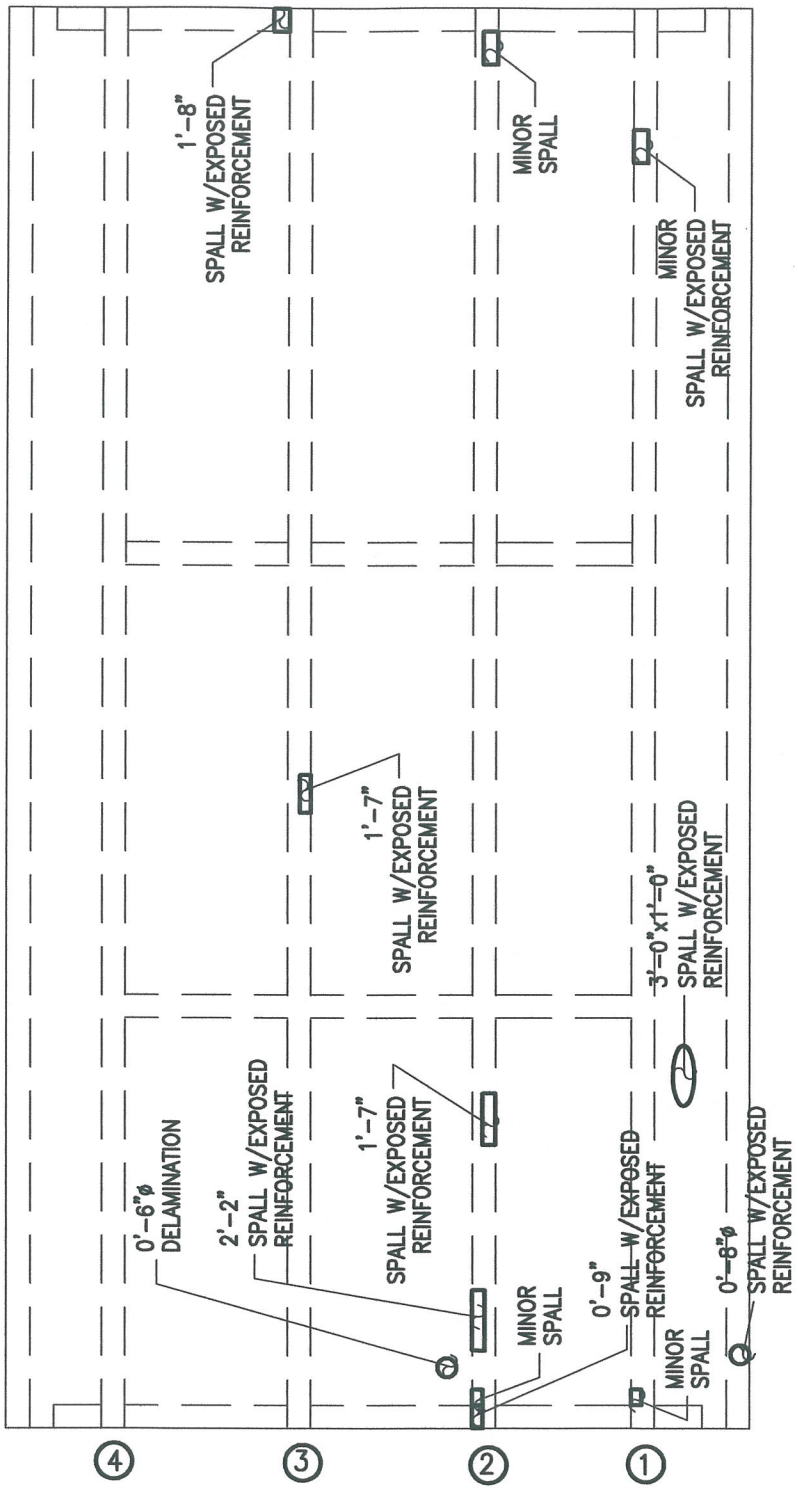


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 630 OF 1347	

BENT #89



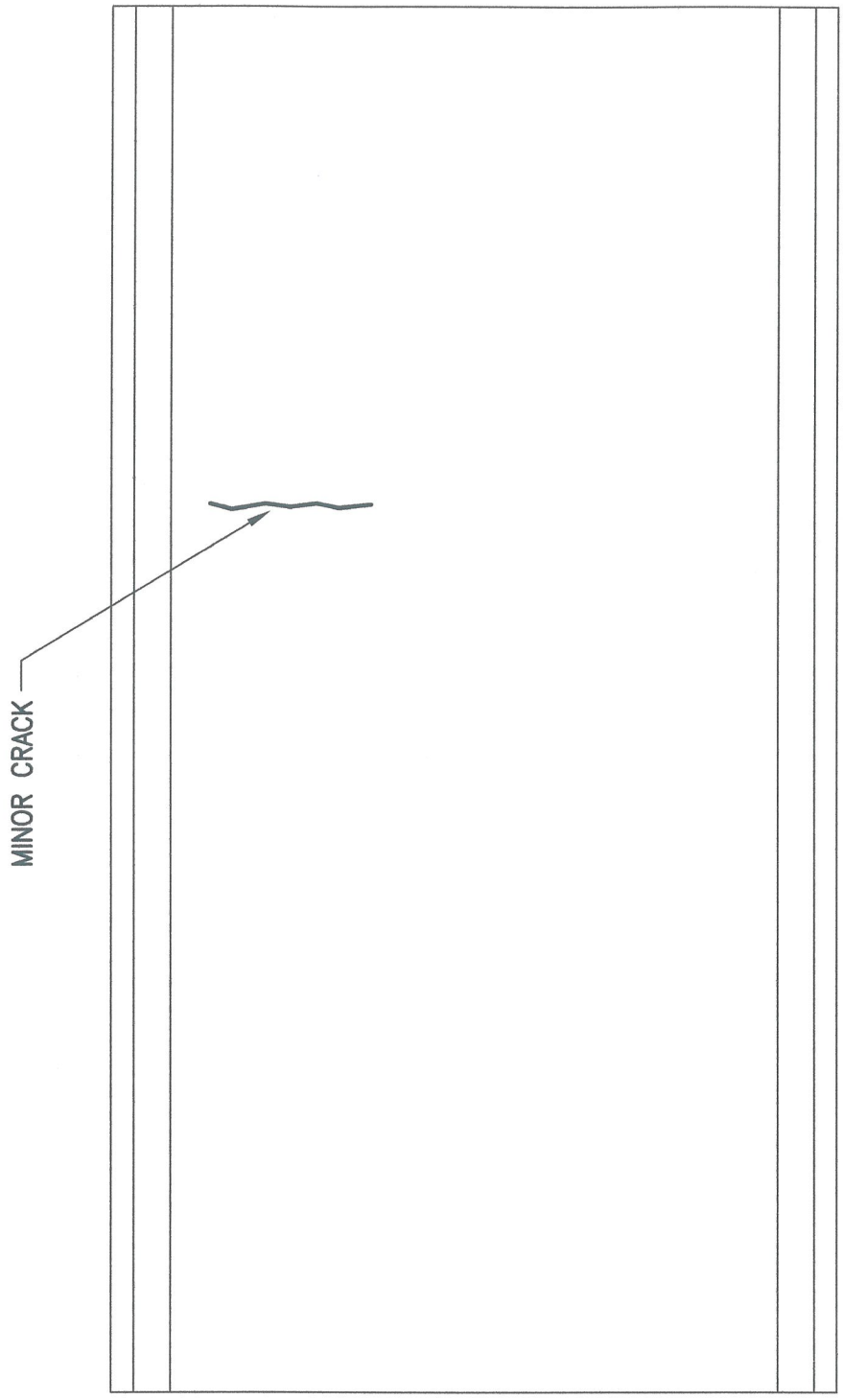
BENT #90

PLAN OF DECK UNDERSIDE

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 31	OF 347

BENT # 90



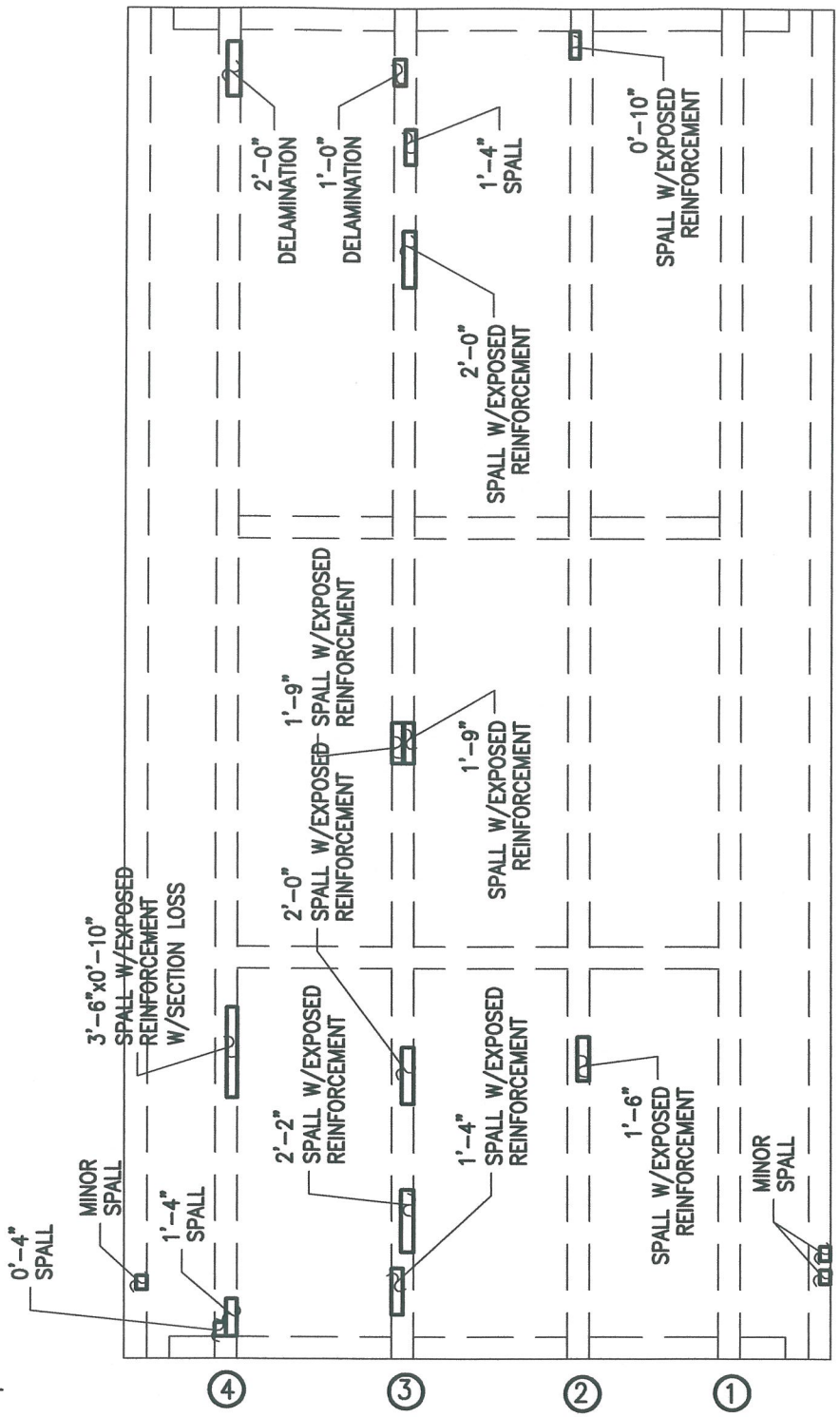
BENT # 91

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 36 OF 37	

BENT #90

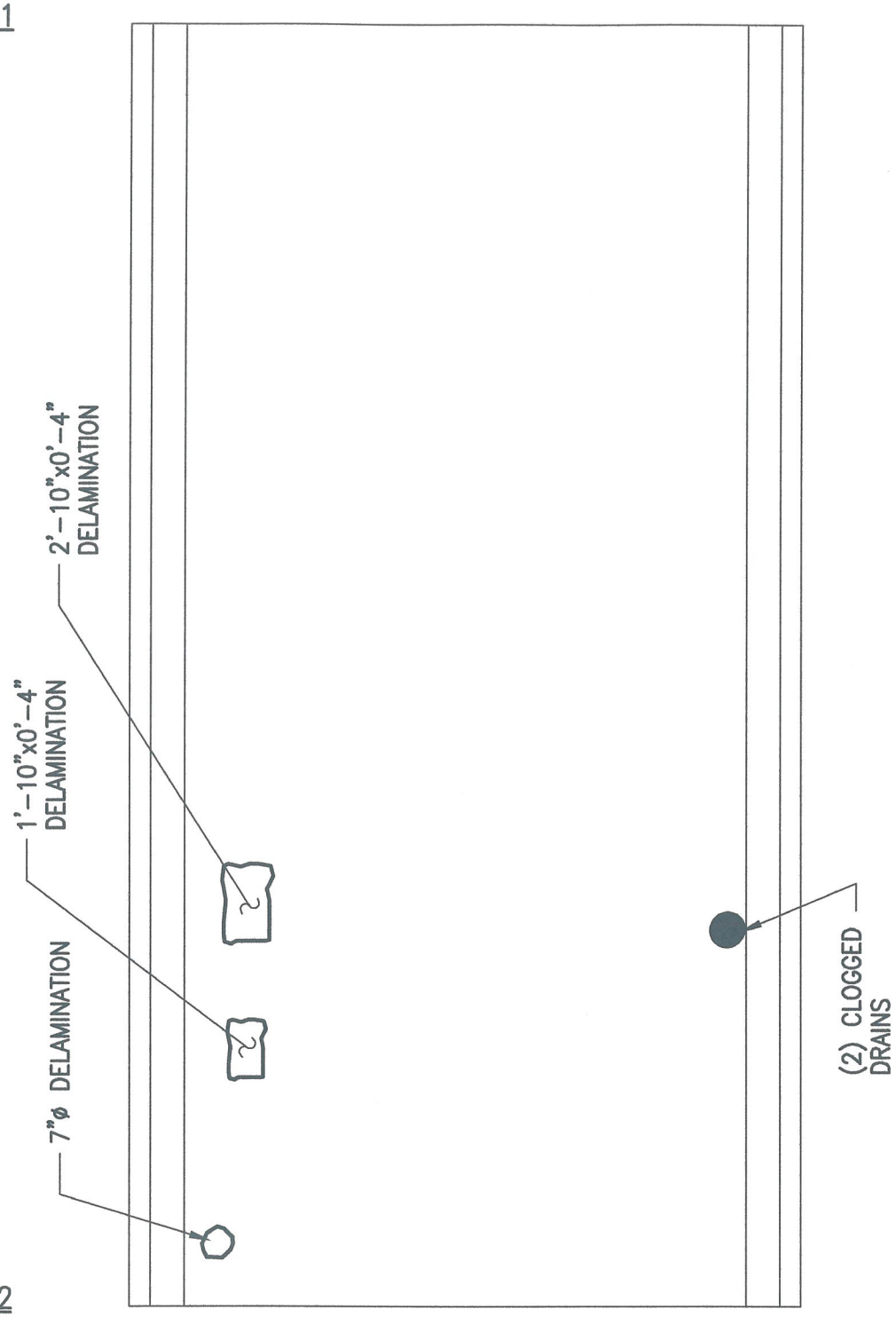


PLAN OF DECK UNDERSIDE

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 67 OF 1347	

BENT # 91



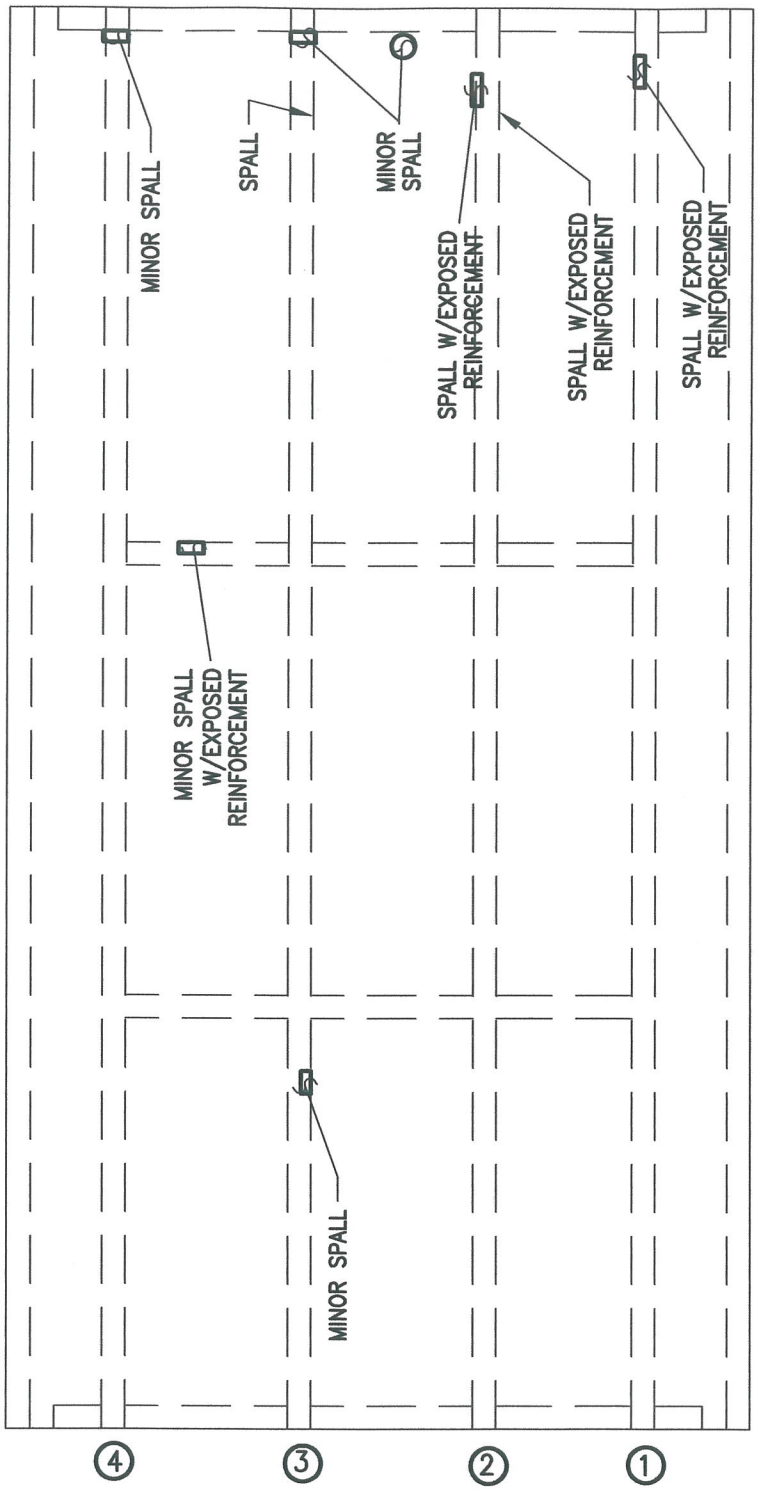
BENT # 92

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 47 OF 1347	

BENT #91



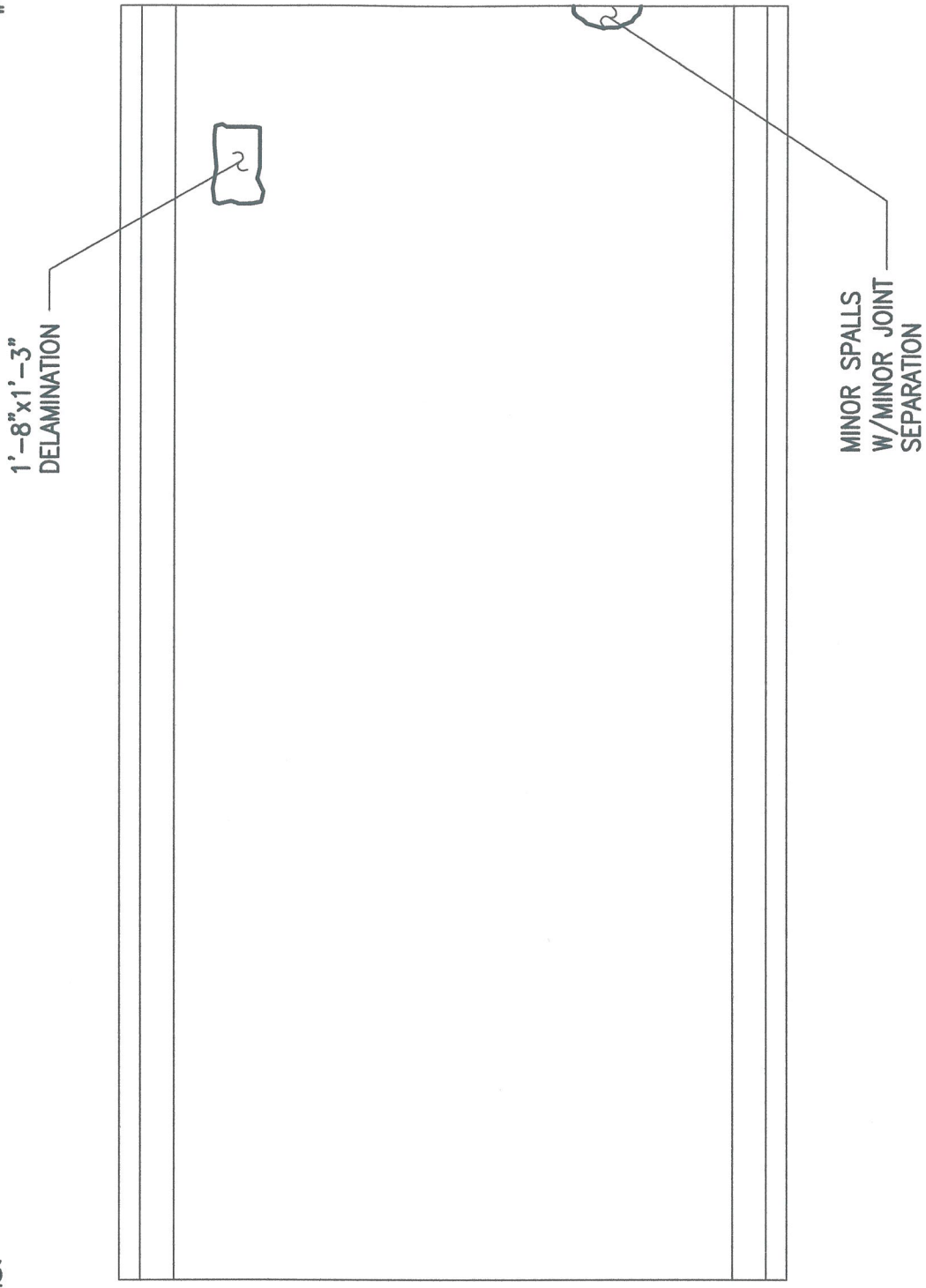
BENT #92

PLAN OF DECK UNDERSIDE

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 43 OF 1347	

BENT # 92



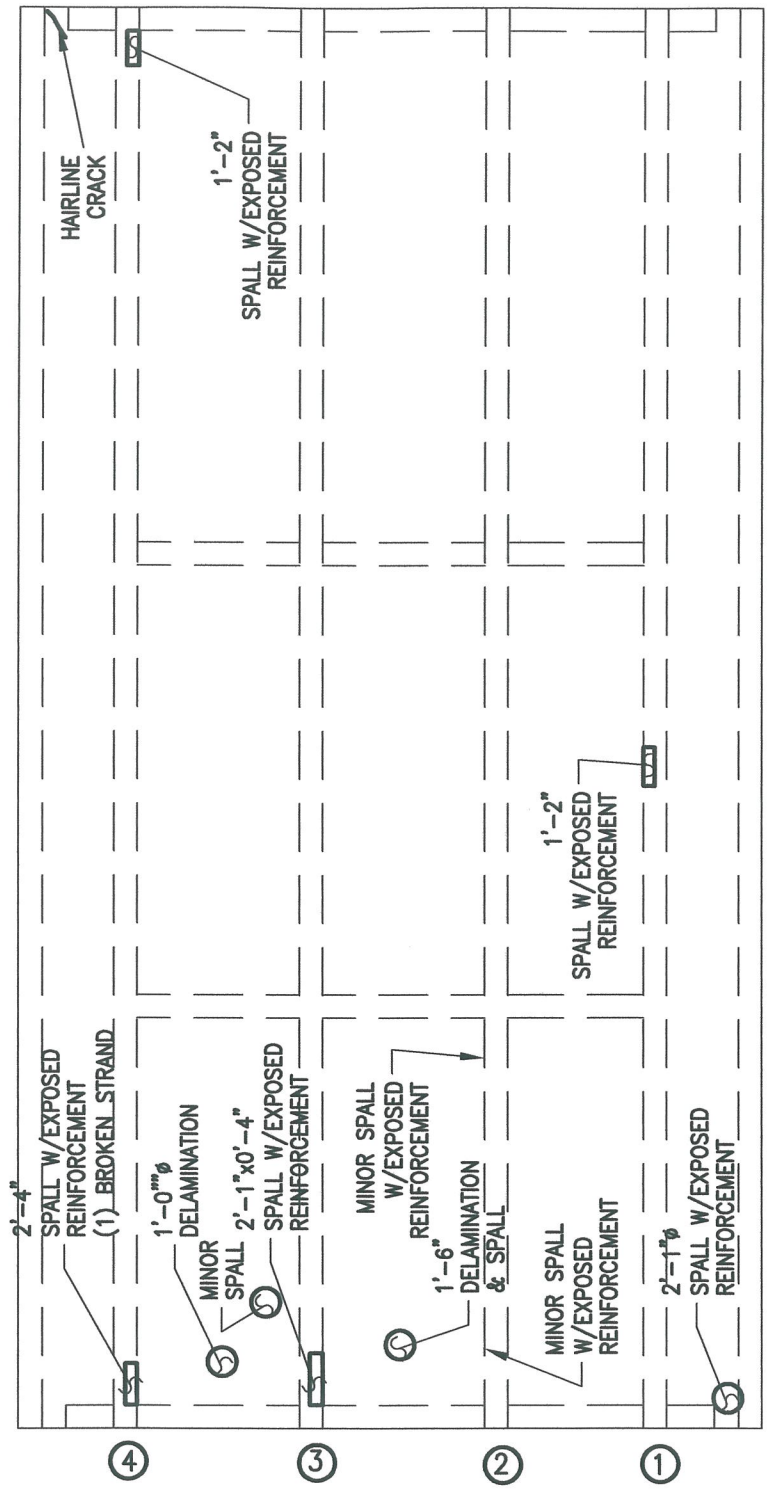
BENT # 93

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 44 OF 1347	

BENT #92



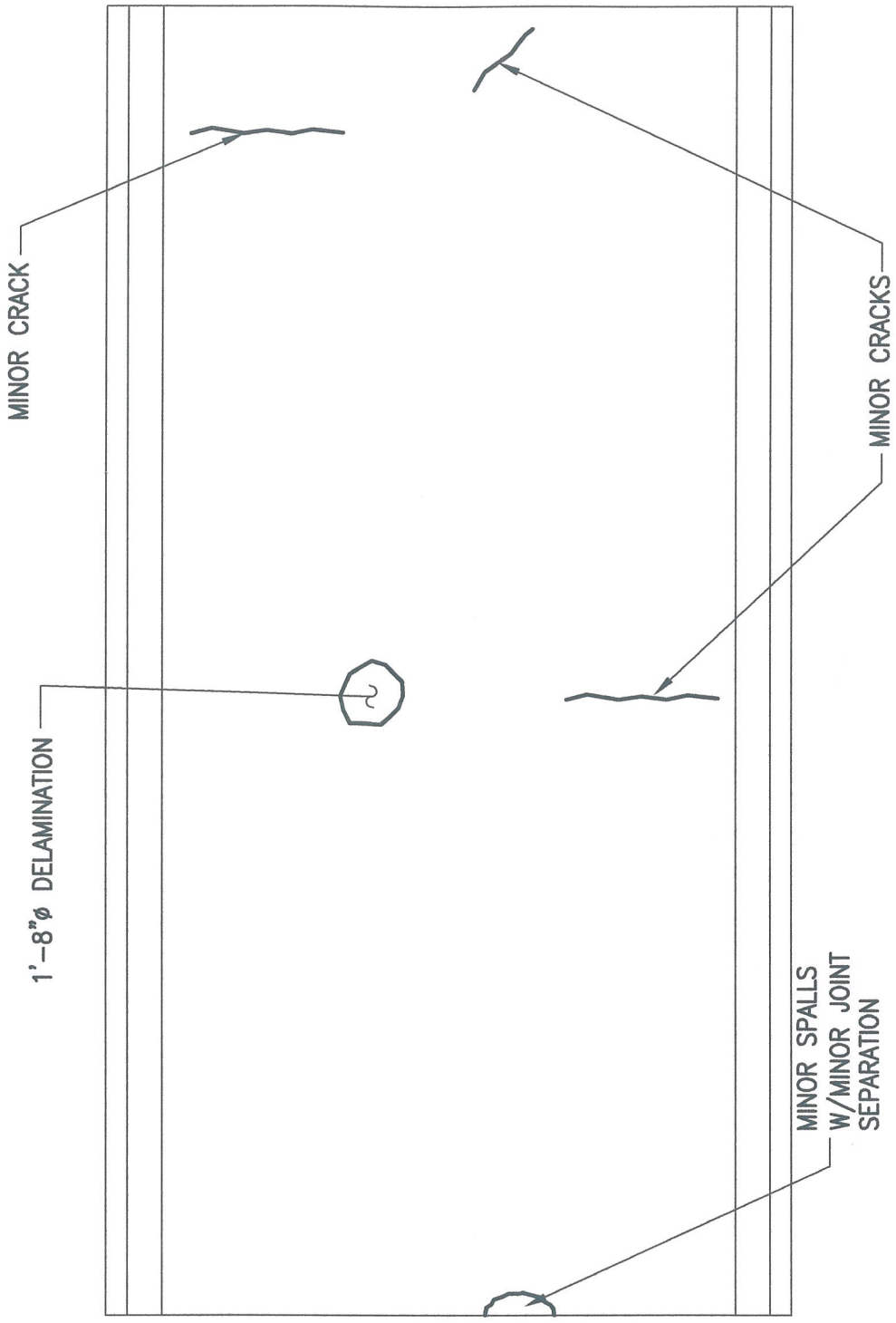
BENT #93

PLAN OF DECK UNDERSIDE

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 C49 OF 1347	

BENT # 93



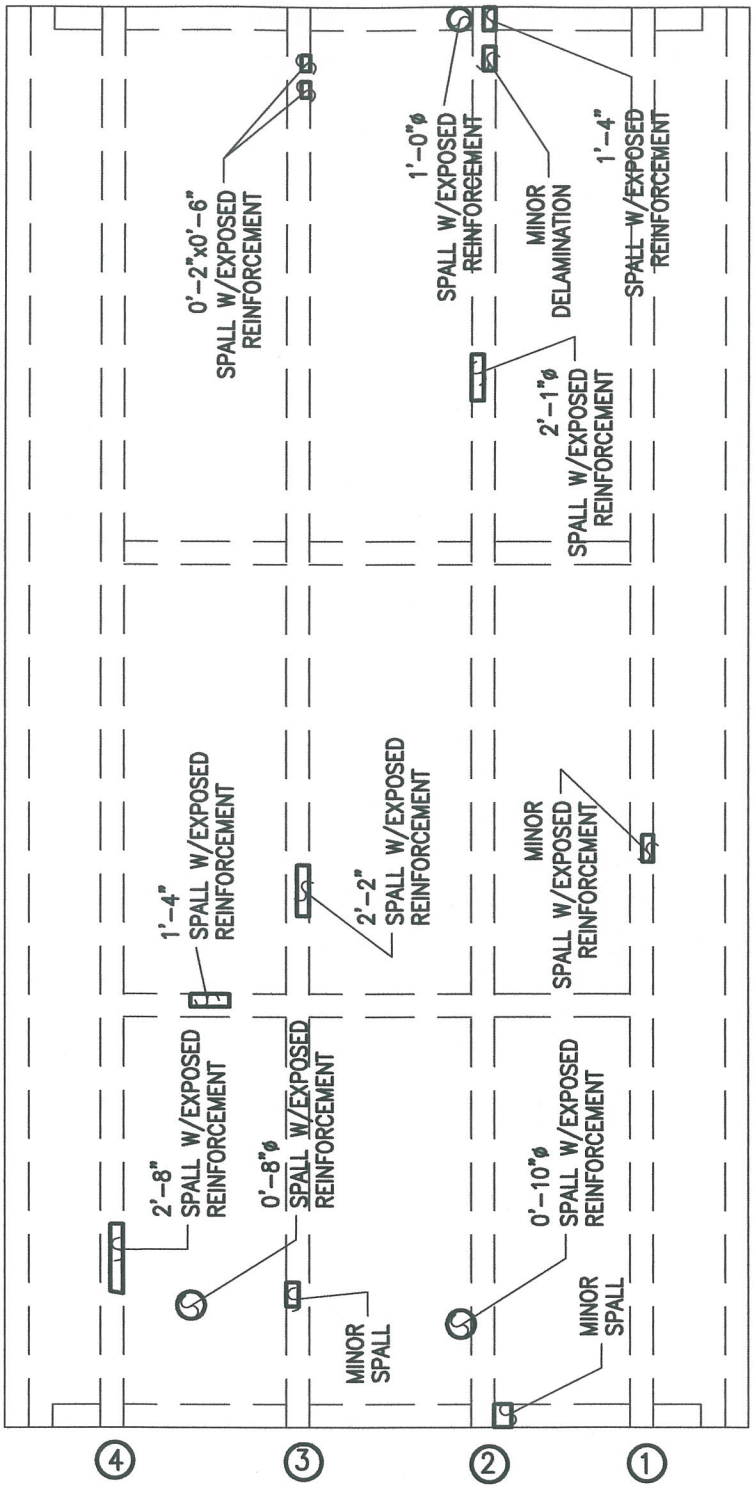
BENT # 94

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 6W OF 13W7	

BENT #93

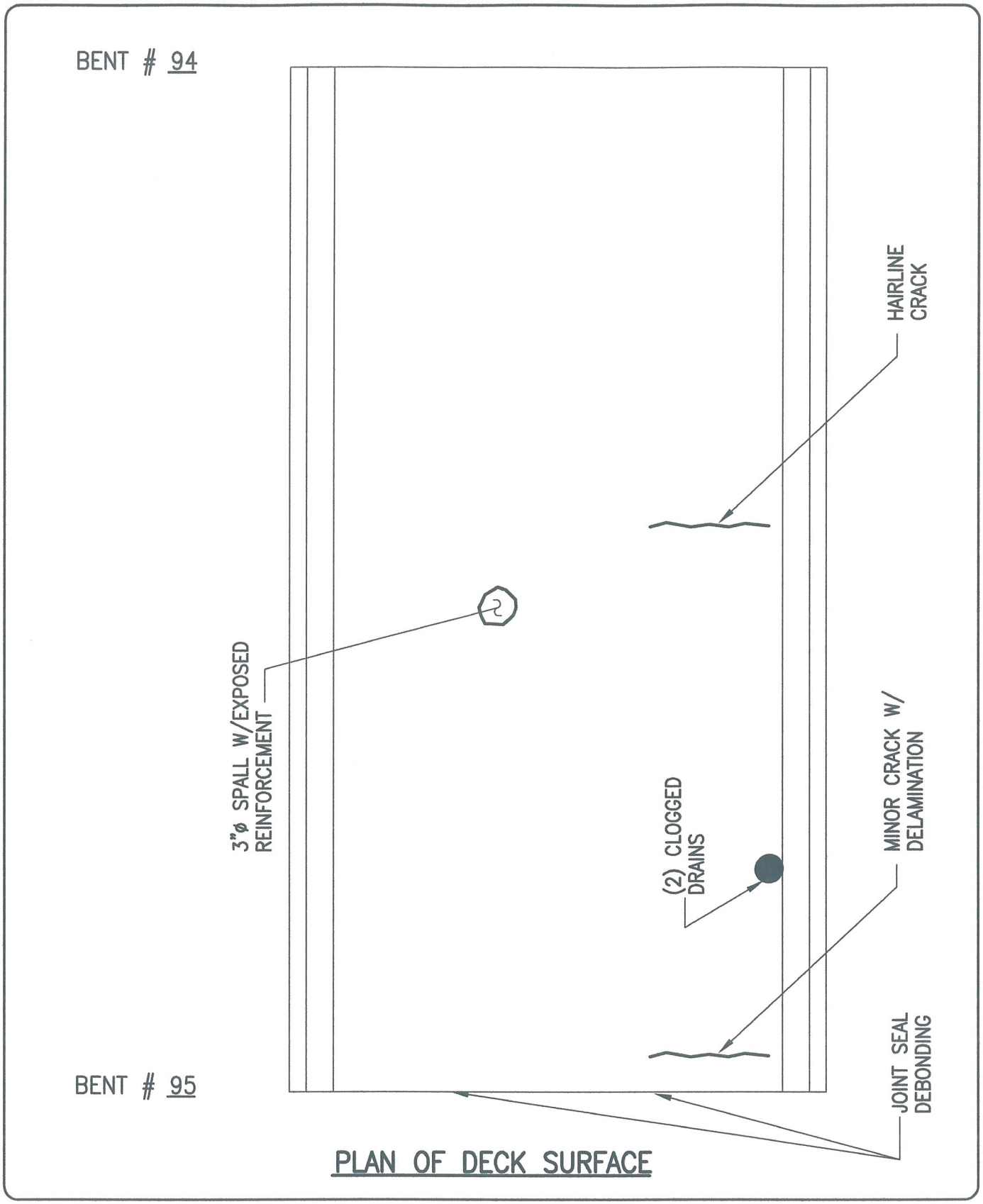


BENT #94

PLAN OF DECK UNDERSIDE

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 65 OF 1347	

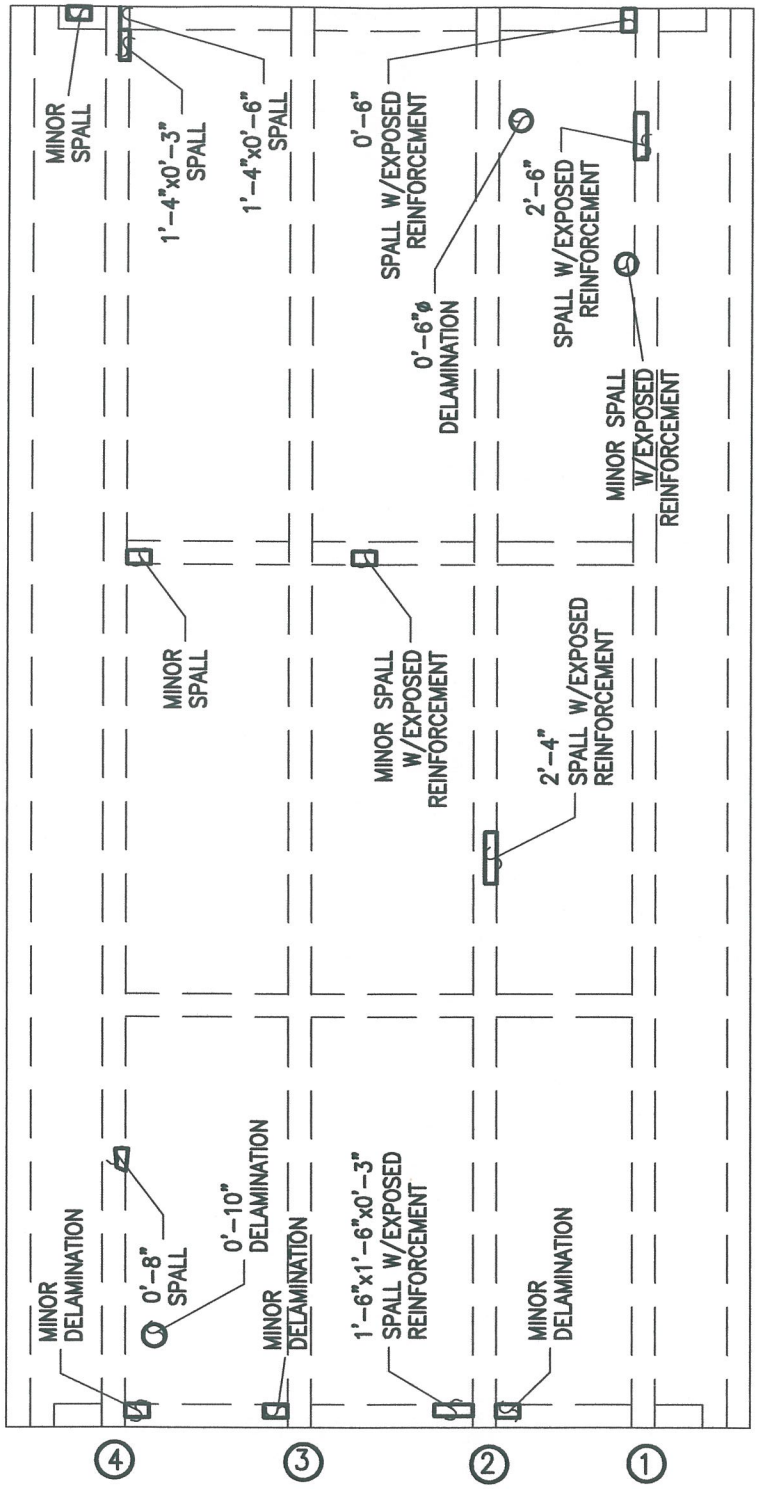


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 60 OF 1347	

BENT #94

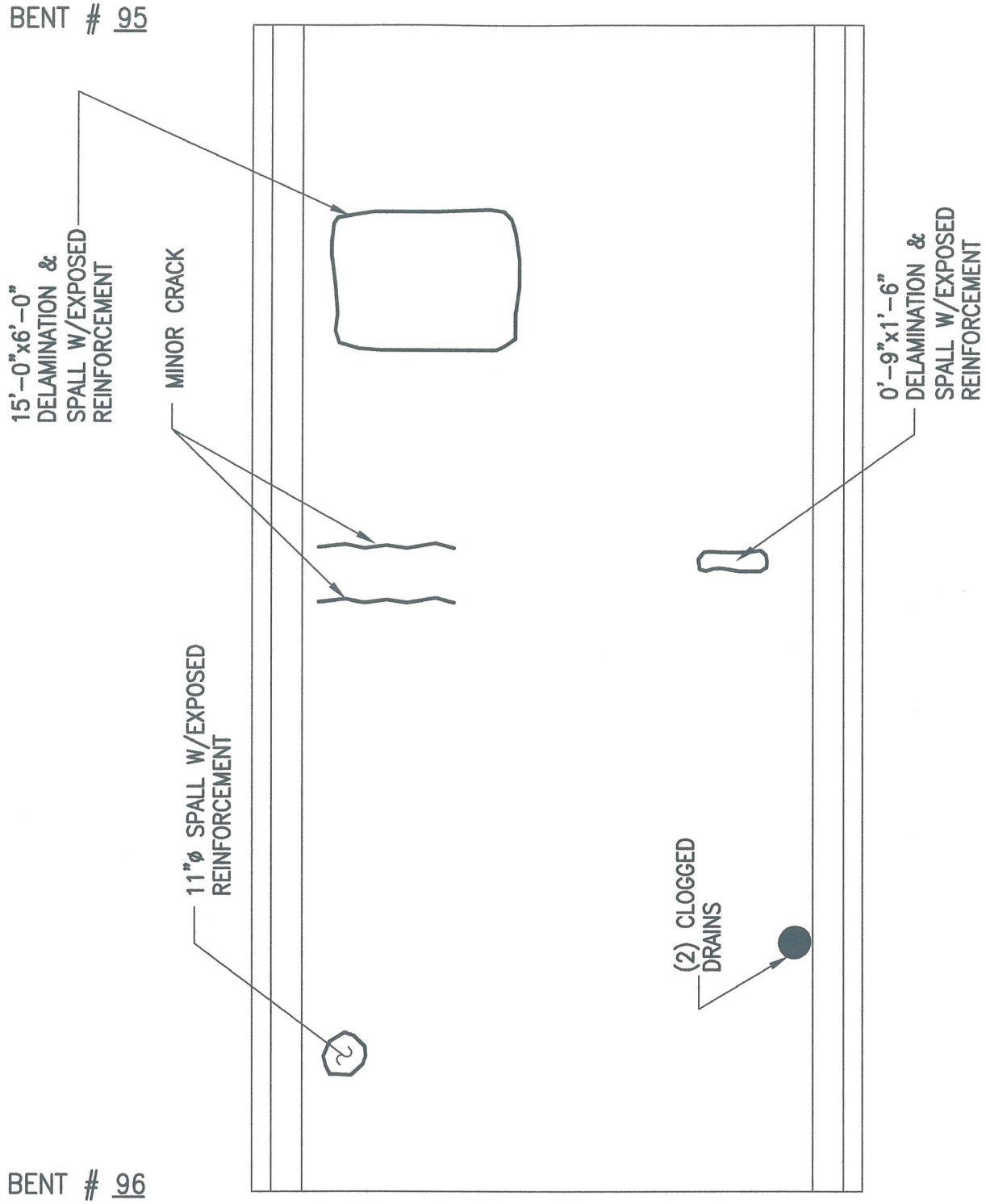


BENT #95

PLAN OF DECK UNDERSIDE

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 661 OF 1347	

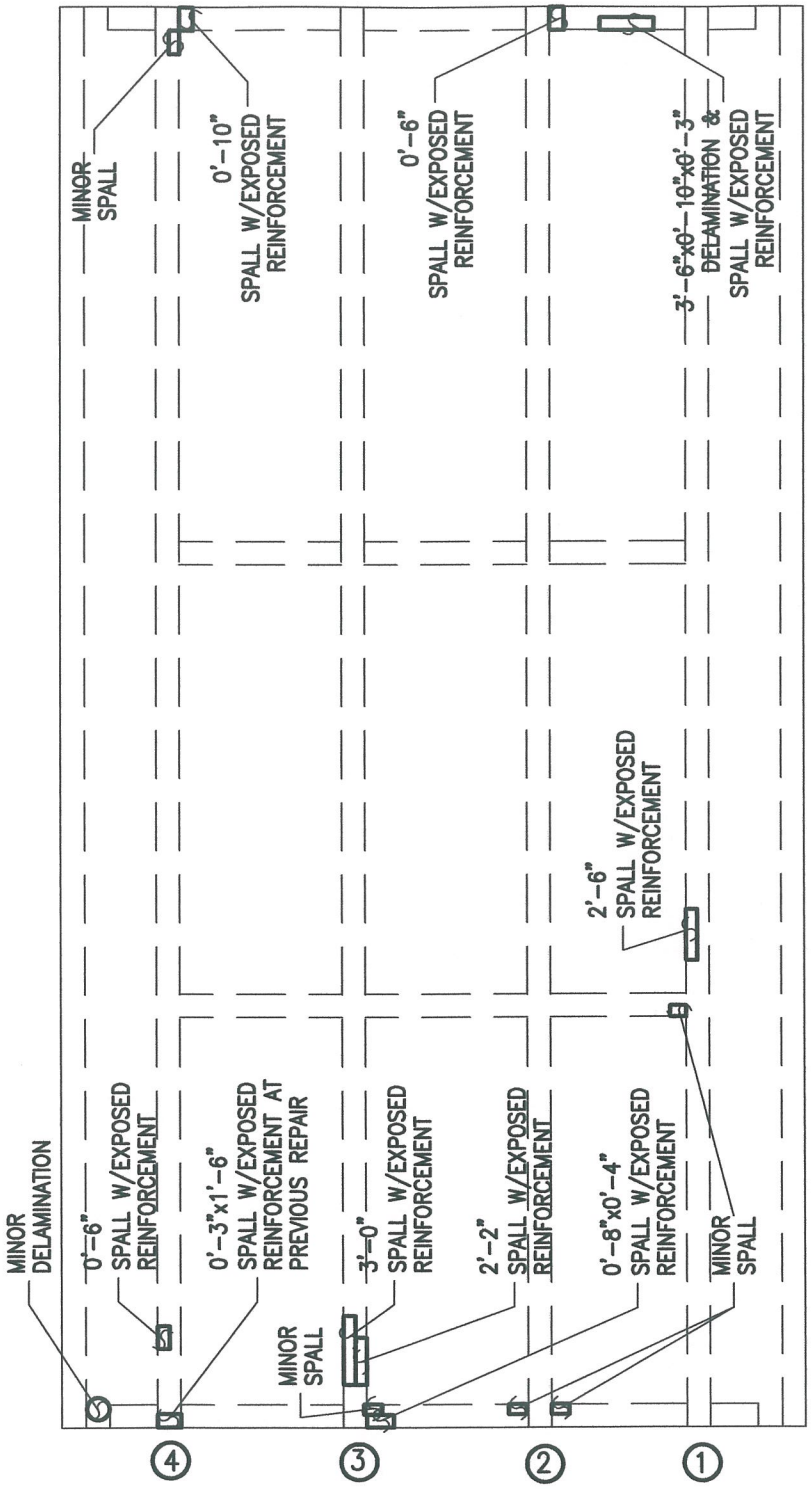


PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 66 OF 1347	

BENT #95



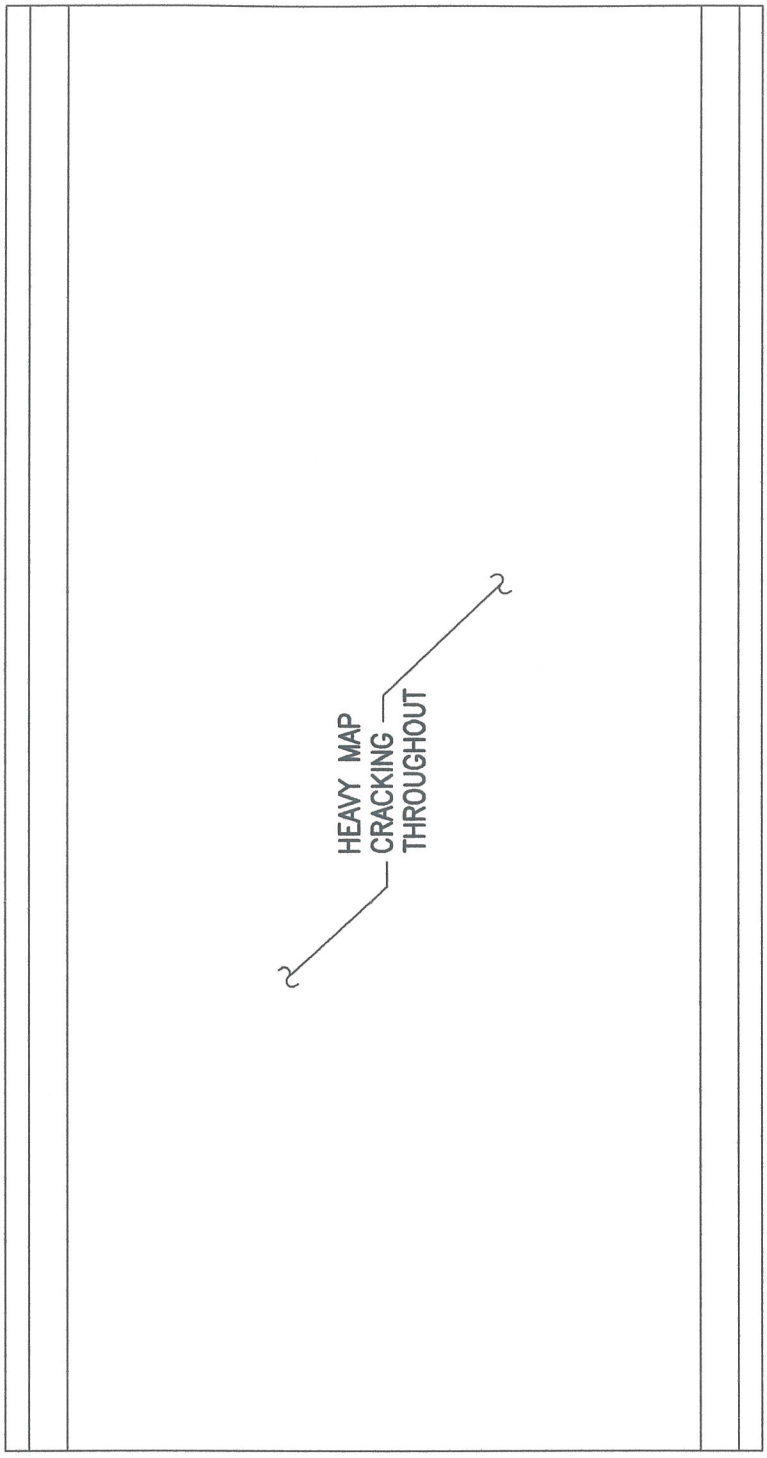
BENT #96

PLAN OF DECK UNDERSIDE

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 667 OF 1347	

BENT # 96



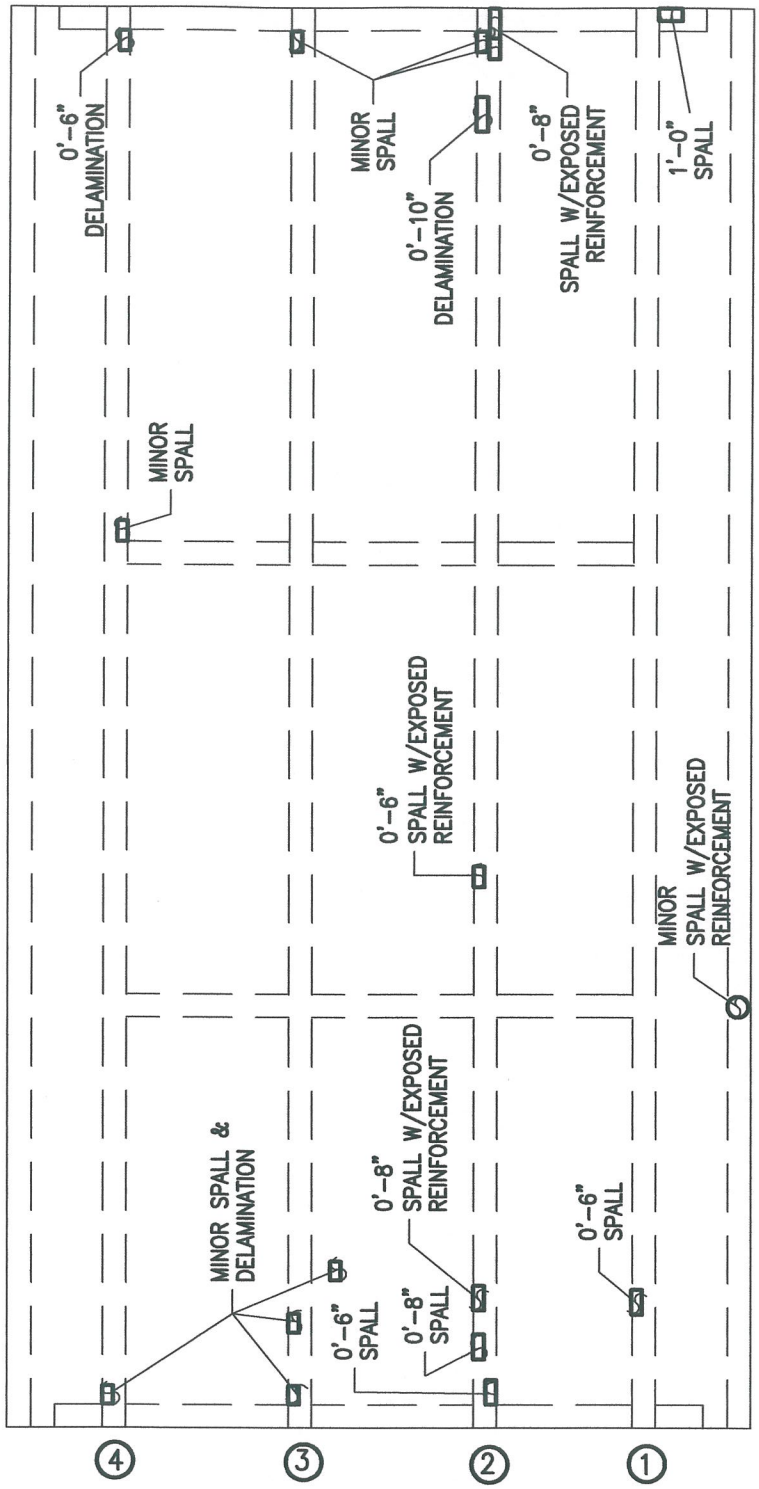
BENT # 97

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 47 OF 347	

BENT #96



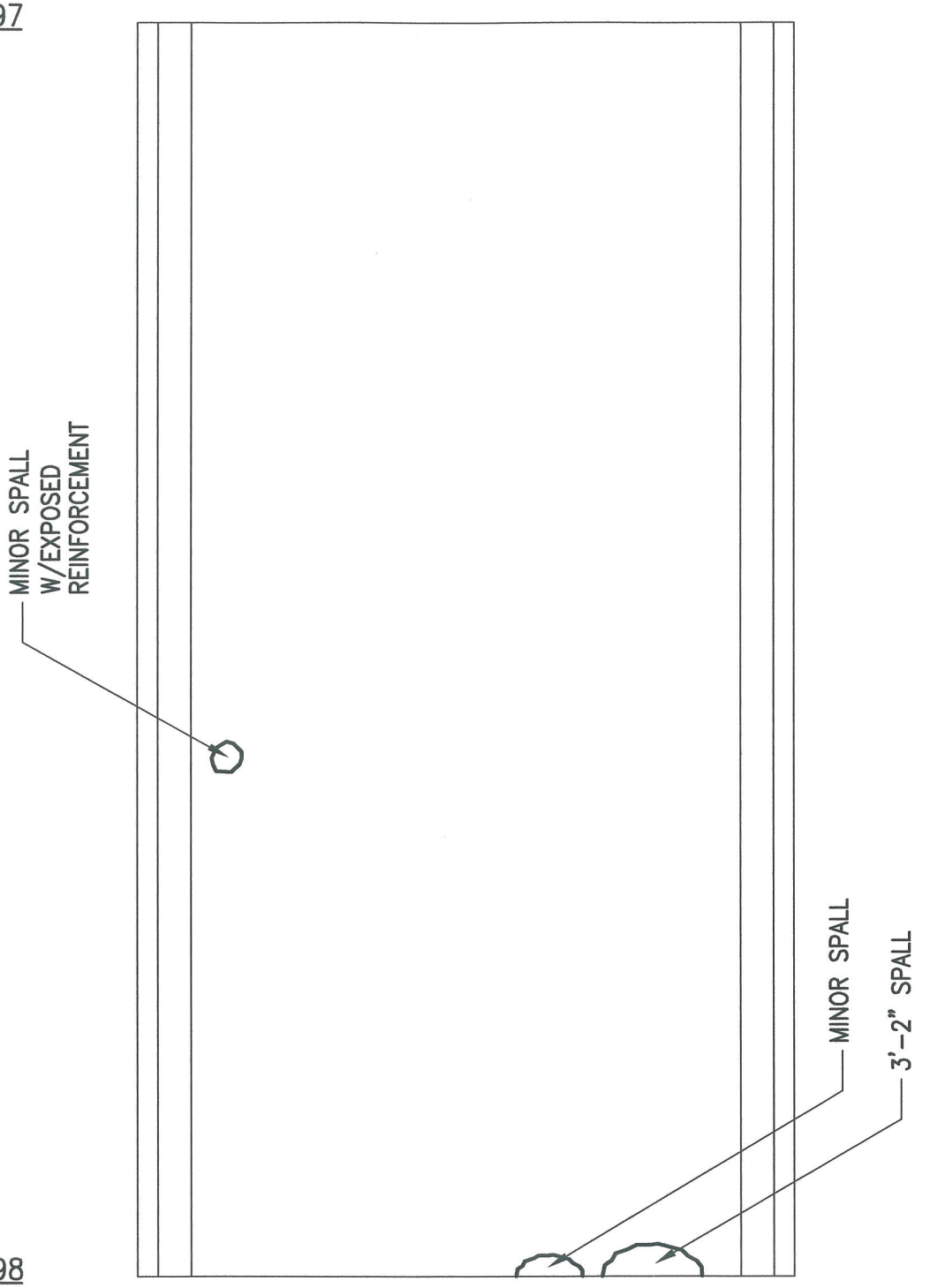
BENT #97

PLAN OF DECK UNDERSIDE

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 673 OF 1347	

BENT # 97



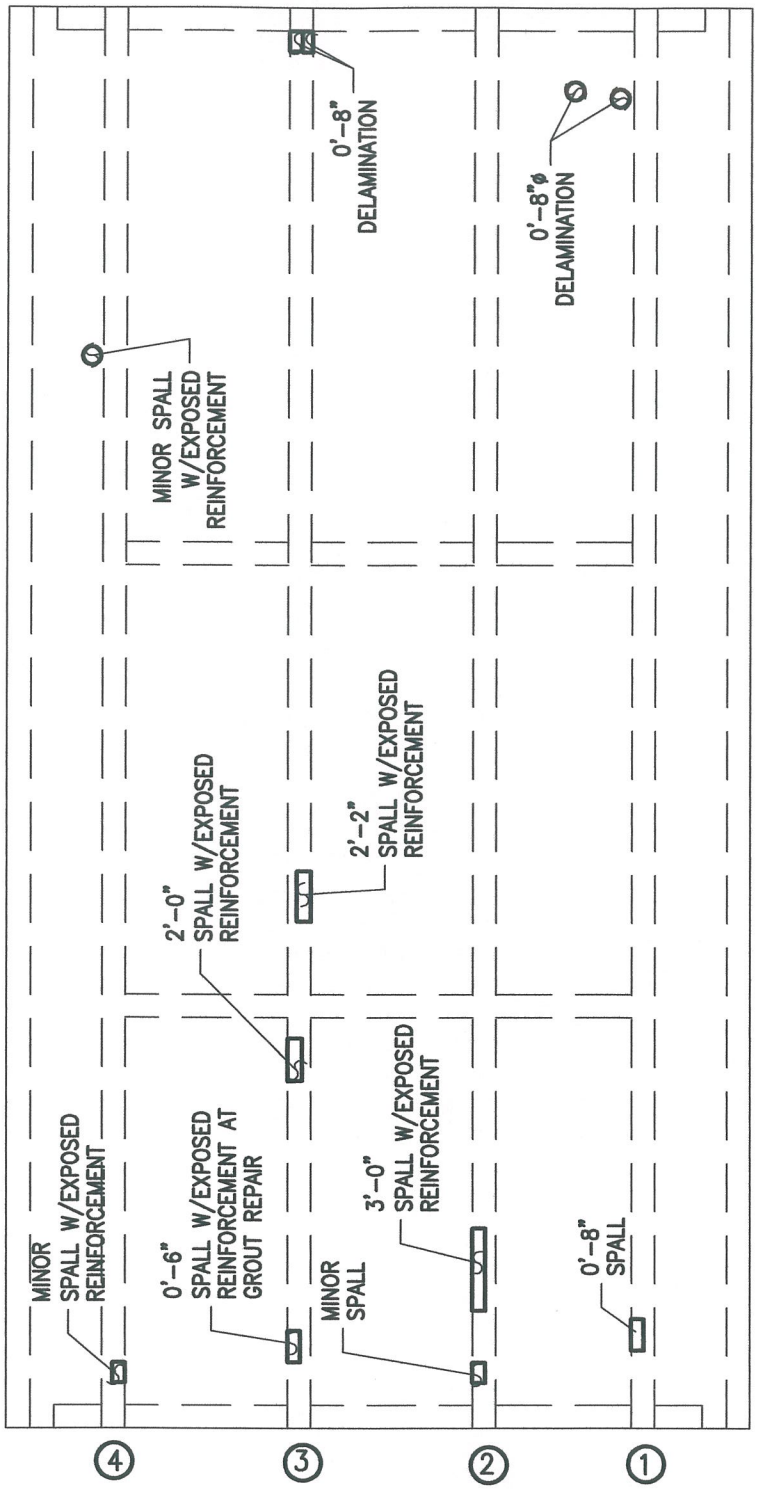
BENT # 98

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 67a OF 1347	

BENT #97



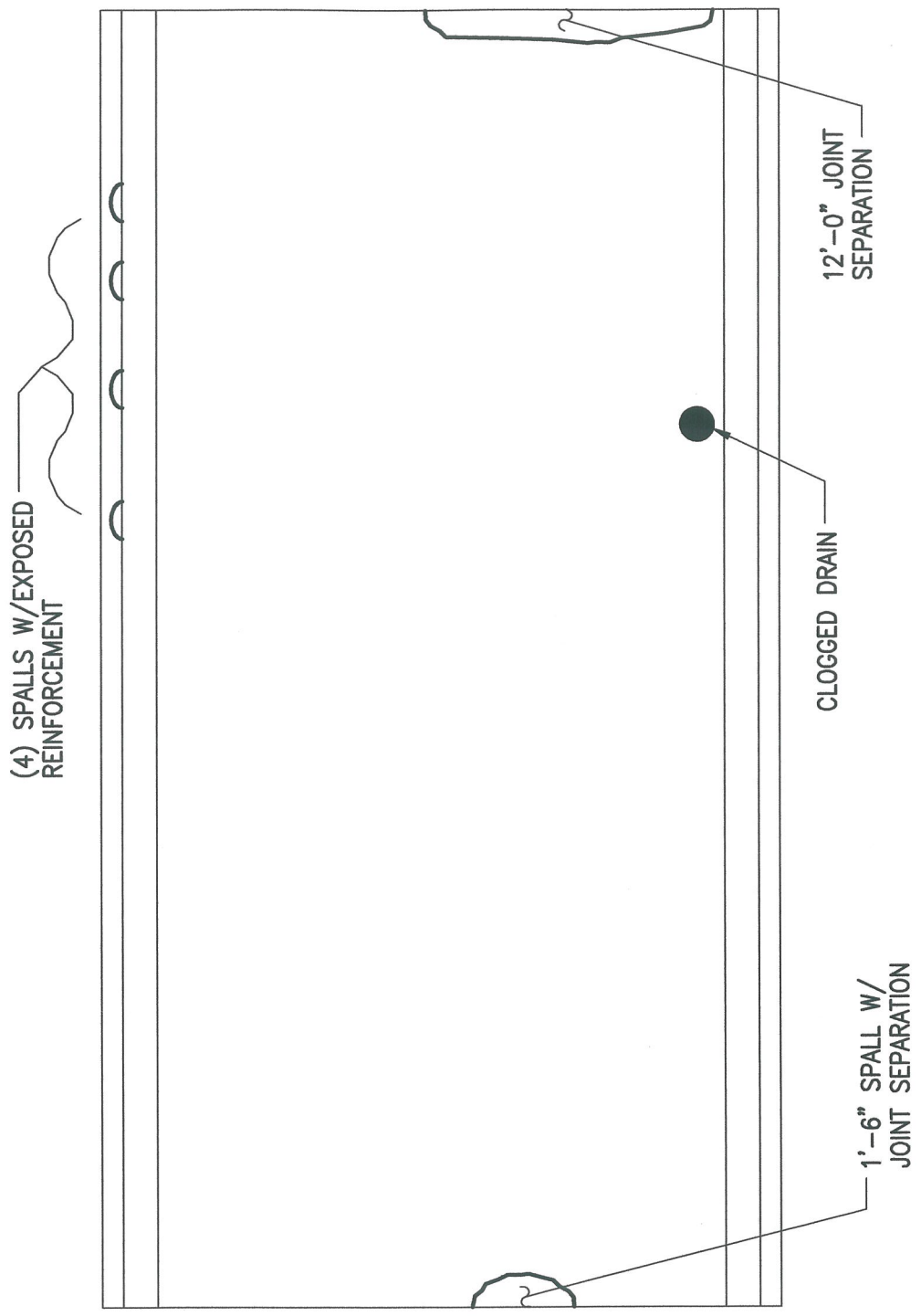
BENT #98

PLAN OF DECK UNDERSIDE

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 679 OF 1347	

BENT # 98



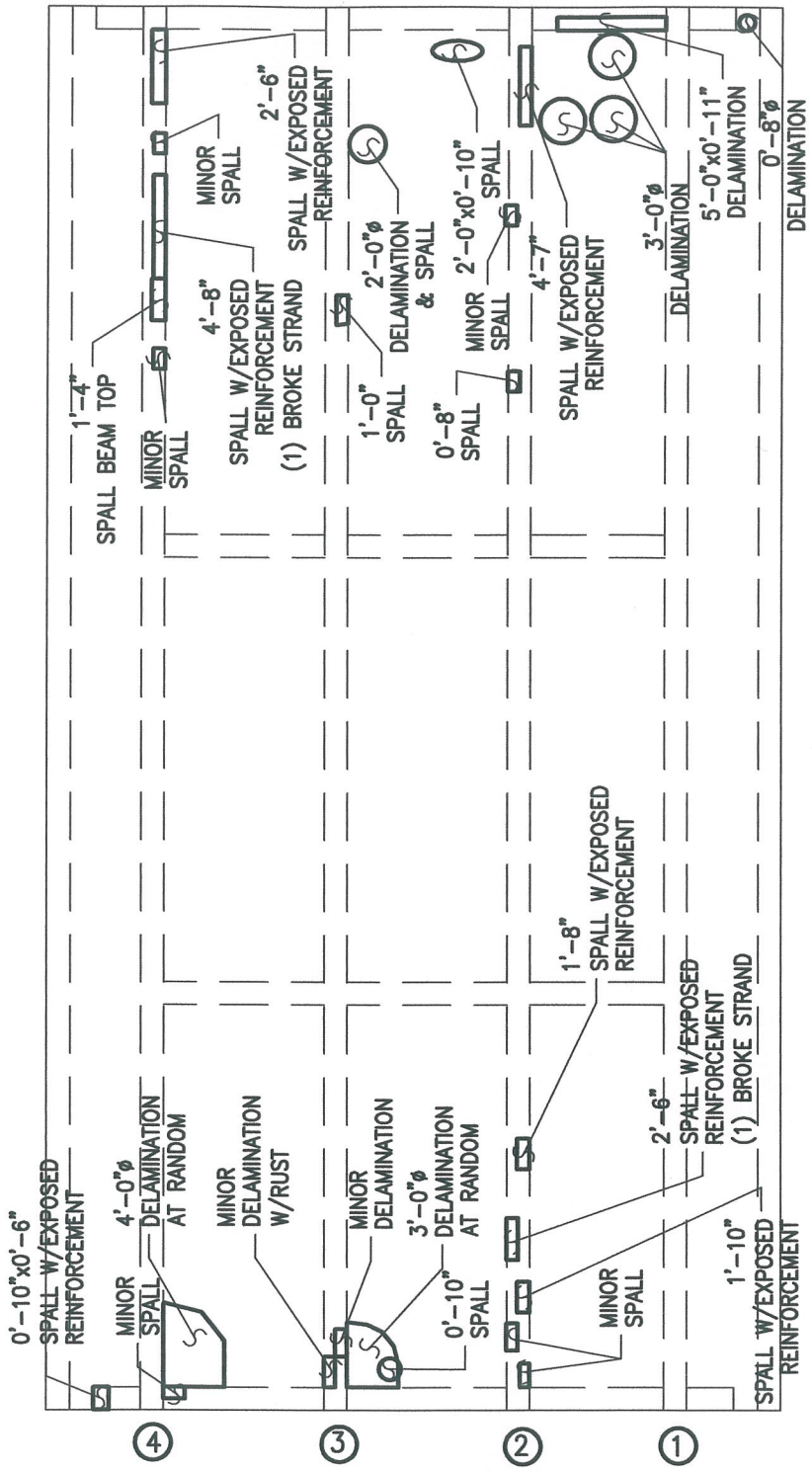
BENT # 99

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT C84 OF 1347	

BENT #98



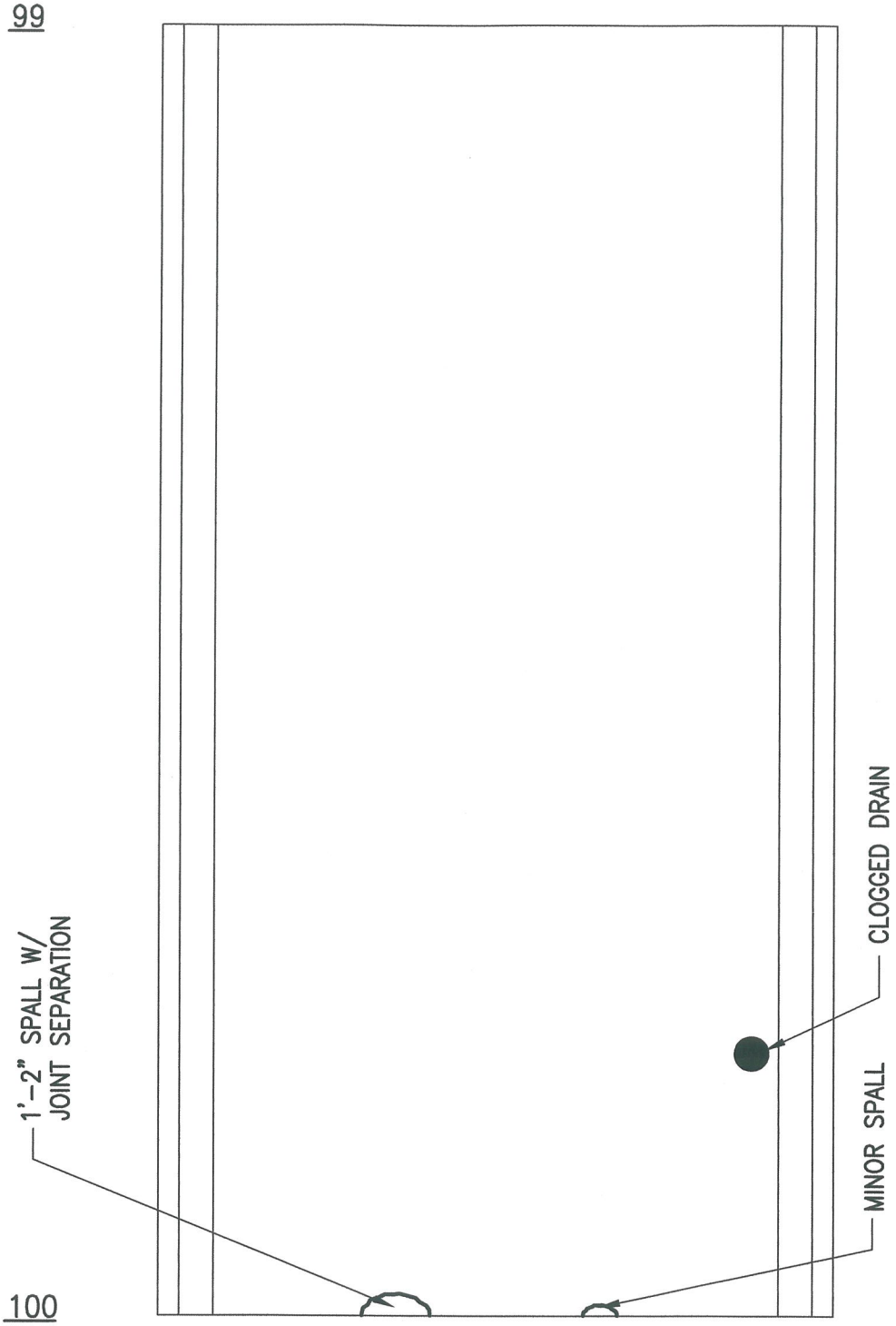
BENT #99

PLAN OF DECK UNDERSIDE

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 685 OF 1347	

BENT # 99



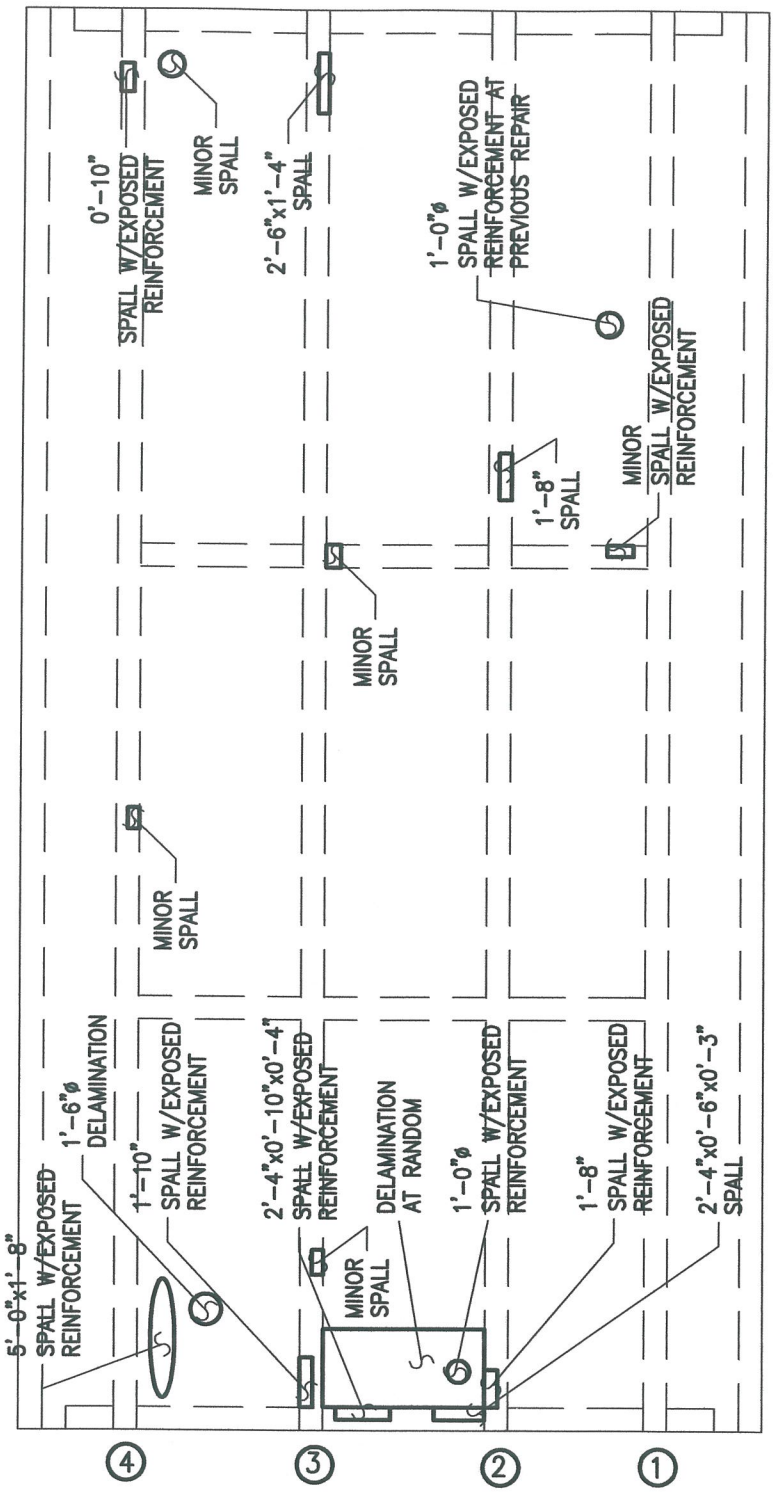
BENT # 100

PLAN OF DECK SURFACE

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:	ACS	CHECKED BY:	TGZ
SCALE:	NTS		
DATE:	6/20/06	SHT 690 OF 1347	

BENT #99



BENT #100

PLAN OF DECK UNDERSIDE

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 69 OF 1347	