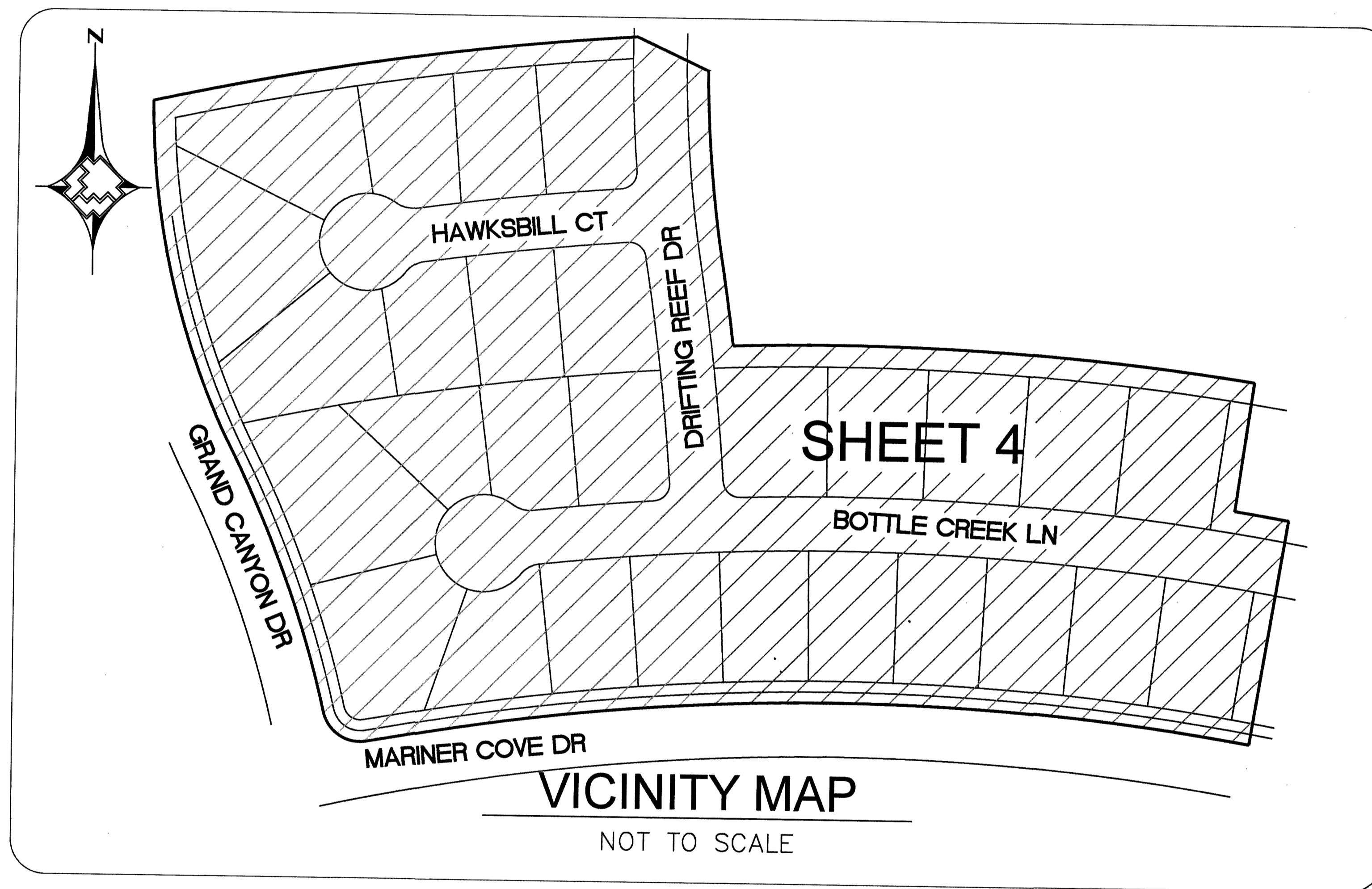


SOUTHWEST GAS CORPORATION

NCDP 2018 FTIR-CLV-DRIFTING REEF CITY OF LAS VEGAS, NV WR #3525509



LEGEND	
	EXISTING GAS LINE
	GAS LINE TO BE ABANDONED
	EXISTING GAS SERVICE
	PROPOSED MAIN GAS LINE (NEW)
	PROPOSED SERVICE LATERAL (NEW)
	PROPOSED SERVICE LINE (NEW)
	RIGHT OF WAY LINE
	STREET CENTERLINE
	PROPERTY LINE
	BACK OF CURB
	TAX CODE BOUNDARY
	MATCHLINE
	PAVEMENT CUT AND REPAIR
	EXISTING ANODELESS RISER
	EXISTING ANODE RISER
	EXISTING GAS LIGHT
	EXISTING GAS VALVE
	PROPOSED MAIN CALL OUT
	ABANDONED FACILITIES CALL OUT
	GAS DIMENSIONS
	EXCESS FLOW VALVE

SHEET INDEX	
1.	COVER SHEET
2.	ABBREVIATIONS & NOTES
3.	MATERIALS & SIGNATURES - PE
4.	DESIGN PLAN
5.	DETAILS A & B
6.	TYPICAL SWPPP BMPs DETAILS

Total footage located in Public ROW 2,172'

APPROVED FOR CONSTRUCTION

THIS APPROVAL IS FOR WORK IN CLV R/W OR CLV EASEMENTS ONLY. OBTAINING PERMISSIONS OR EASEMENTS FOR WORK SHOWN ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE UTILITY.

DATE 2 6 18

APPROVAL DATE

Hansen L18-0003 Dwg 107V7174-GAS



NO.	DESCRIPTION	BY	DATE	APPVD
REVISIONS				

TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED	RETIRED
PROPERTY UNITS						

AS-BUILT DRAWING-PRESSURE TEST DATA	
PIPE DIA.	TEST MEDIUM
PIPE LENGTH	TEST METHOD
PIPE TYPE	SOAP
MIN. DURATION	GAUGE/ PRESS REC SN#
TEST PRES. (PSIG): (MAX)	(MIN)
TIME: (START)	(STOP)
DATE: (START)	(STOP)
PERFORMED BY:	DATE:
SWG VERIFIED BY:	DATE:

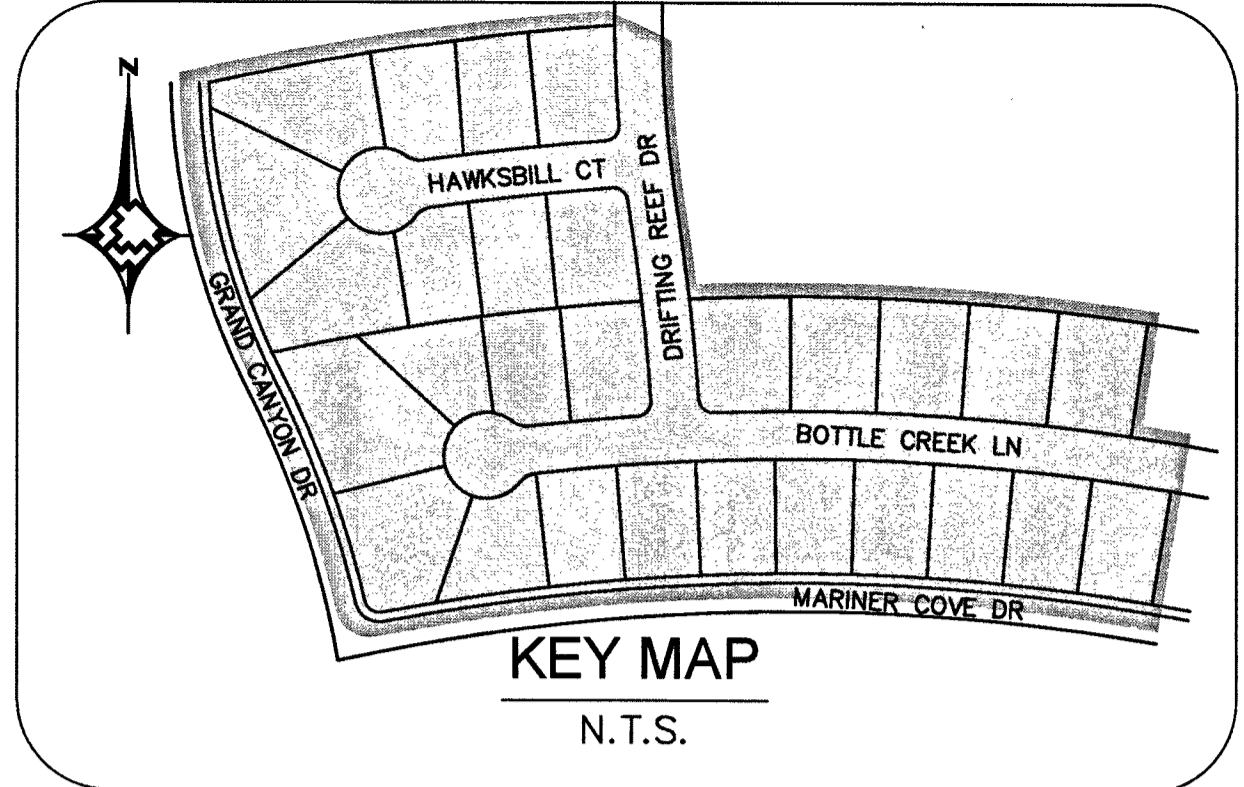
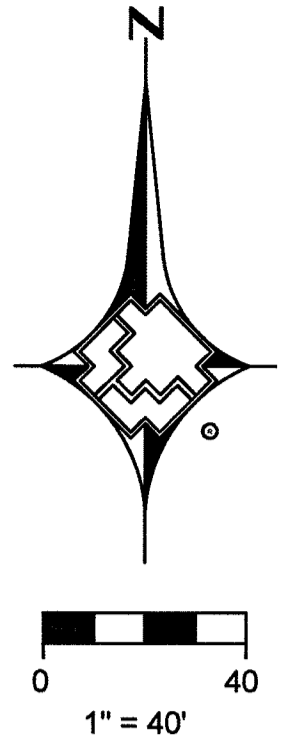
INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION	
I HAVE VISUALLY INSPECTED ALL HEATED FUSION JOINTS, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED	
NAME	DATE
SEE SHEET 3	
AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QC'D BY	DATE

CONSTRUCTION	
INSPECTOR	DATE
FOREMAN	DATE
REVIEWED BY	DATE
SEE SHEET 3	
PERMIT INFORMATION	
CITY OF LAS VEGAS TAX CODE: 02-200	

ISOLATION AREA	W.R. NO.
ISO_21_DIST_224	3525509
LOCATION	ATLAS #/TILE #
SEC 7 T21S R60E M.D.M.	x582y504 x579y504

ENGINEER/TECH: RAMILO MENDOZA		PHONE: 702-365-2189
ACCOUNT REP:		PHONE:
PROJECT CONTACT:		PHONE:
SHEET NO: 1 OF 6	SCALE: NTS	DATE: 12-05-2017
DWN. BY: BC&F	CHKD. BY:	APPVD. BY:
TITLE		
NCDP 2018 FTIR-CLV-DRIFTING REEF COVER SHEET		

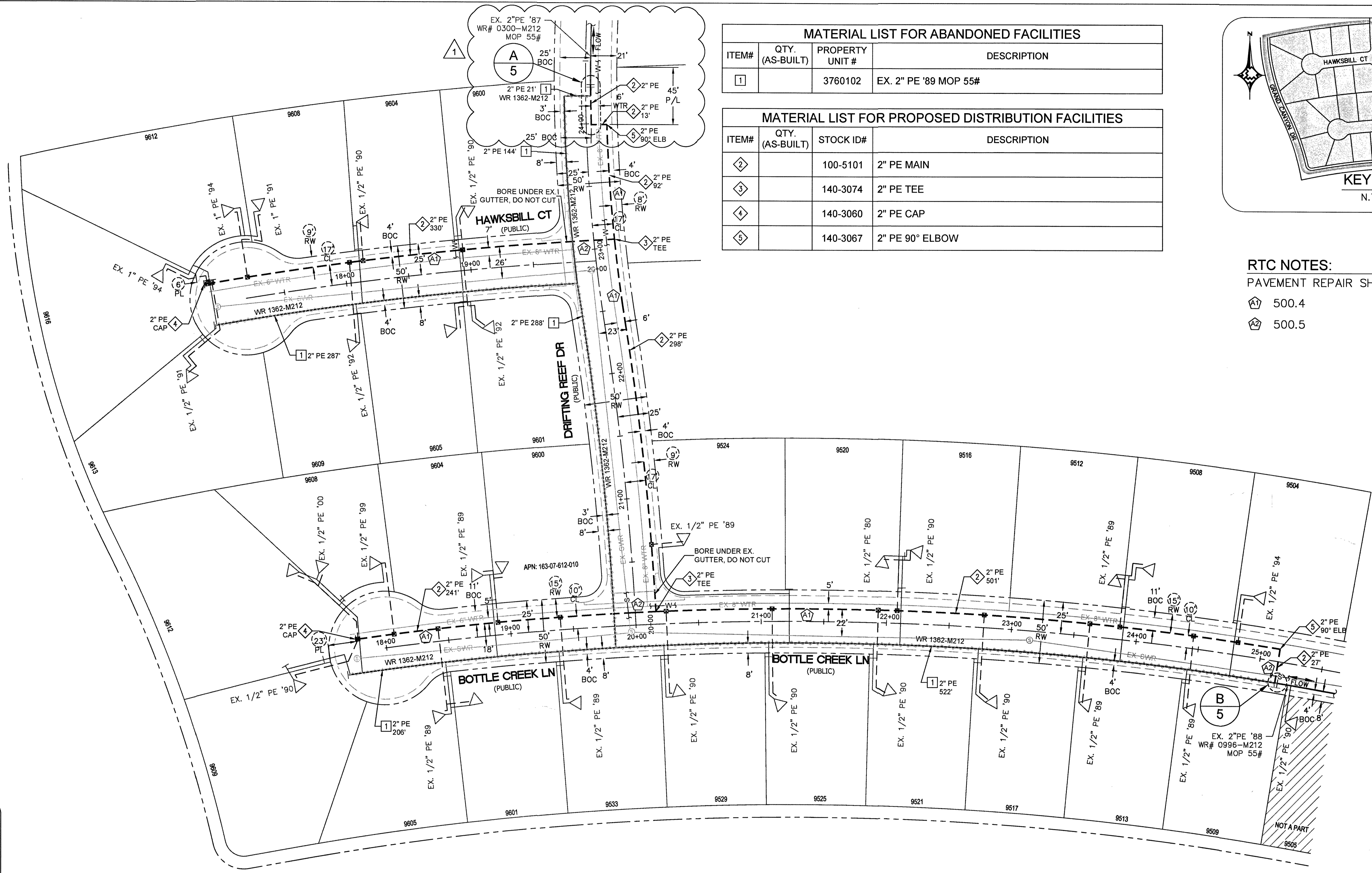
9/18/18
 11/13/18
 118-0003



MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
1		3760102	EX. 2" PE '89 MOP 55#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		100-5101	2" PE MAIN
3		140-3074	2" PE TEE
4		140-3060	2" PE CAP
5		140-3067	2" PE 90° ELBOW

RTC NOTES:
 PAVEMENT REPAIR SHALL CONFORM TO RTC:
 A1 500.4
 A2 500.5



NO.	DESCRIPTION	BY	DATE	APPVD
1	DRIFTING REEF NORTH TIE-IN ALIGNMENT CHANGE	RCM	04-23-2019	
2				
3				
4				

REVISIONS					
NO.	DESCRIPTION	BY	DATE	APPVD	
SEE SHEET 3					

AS-BUILT DRAWING-PRESSURE TEST DATA			
PIPE DIA.	TEST MEDIUM	TEST METHOD	
	<input type="checkbox"/> AIR	<input type="checkbox"/> GAUGE	
	<input type="checkbox"/> NITROGEN	<input type="checkbox"/> CHART	
	<input type="checkbox"/> WATER	<input type="checkbox"/> GAUGE/	
	<input type="checkbox"/> SOAP	<input type="checkbox"/> PRESS REC SN#	
TEST PRES. (PSIG): (MAX)		(MIN)	
TIME: (START)		(STOP)	
DATE: (PART)		(STOP)	
PERFORMED BY:			
SVS VERIFIED BY:			

INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION	
I HAVE VISUALLY INSPECTED ALL HEATED FUSION SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS. TIME I HAVE PERFORMED	
NAME	DATE
SEE SHEET 3	

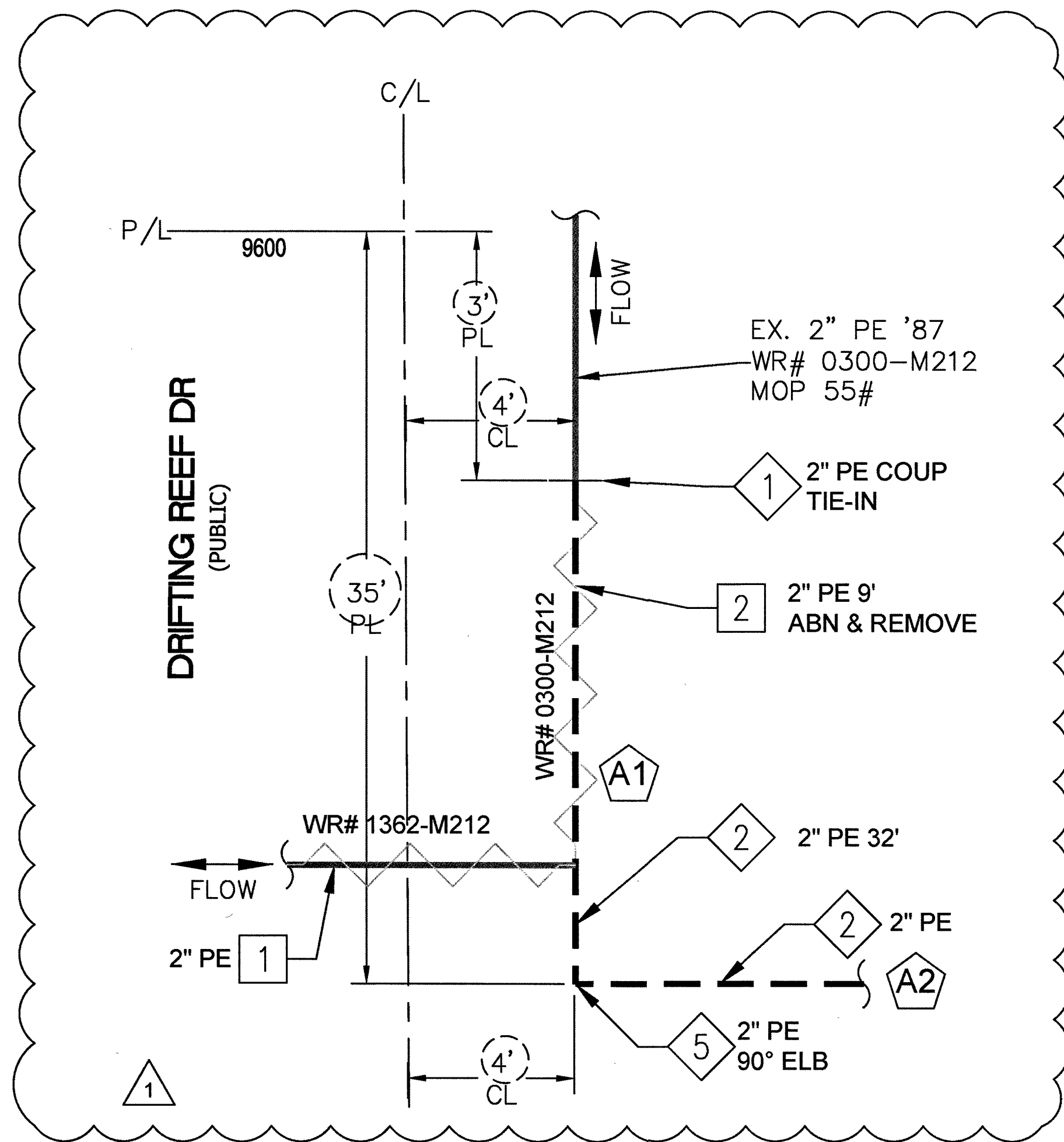
CONSTRUCTION	
INSPECTOR	FOREMAN
REVIEWED BY	DATE
SEE SHEET 3	

ISOLATION AREA	
ISO_21_DIST_224	W.R. NO. 3525509
LOCATION	ATLAS #/TILE #
SEC 7 T21S R60E M.D.M.	x582y504 x579y504

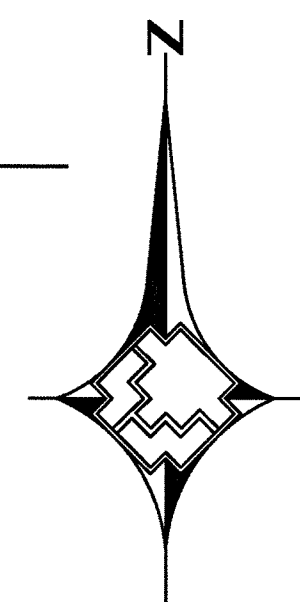
PERMIT INFORMATION			
CITY OF LAS VEGAS TAX CODE: 02-200			
ENGINEER/TECH: RAMILO MENDOZA			
ACCOUNT REP: PHONE: 702-365-2189			
PROJECT CONTACT: PHONE:			
SHEET NO: 4 OF 6	SCALE: 1"=40'	DATE: 12-05-2017	
DWN. BY: BC&F	CHKD. BY:	APPVD. BY:	
TITLE			
NCDP 2018 FTIR-CLV-DRIFTING REEF DESIGN PLAN			



REPLAT
 L18-00003-P001
 10/17/14-GAS

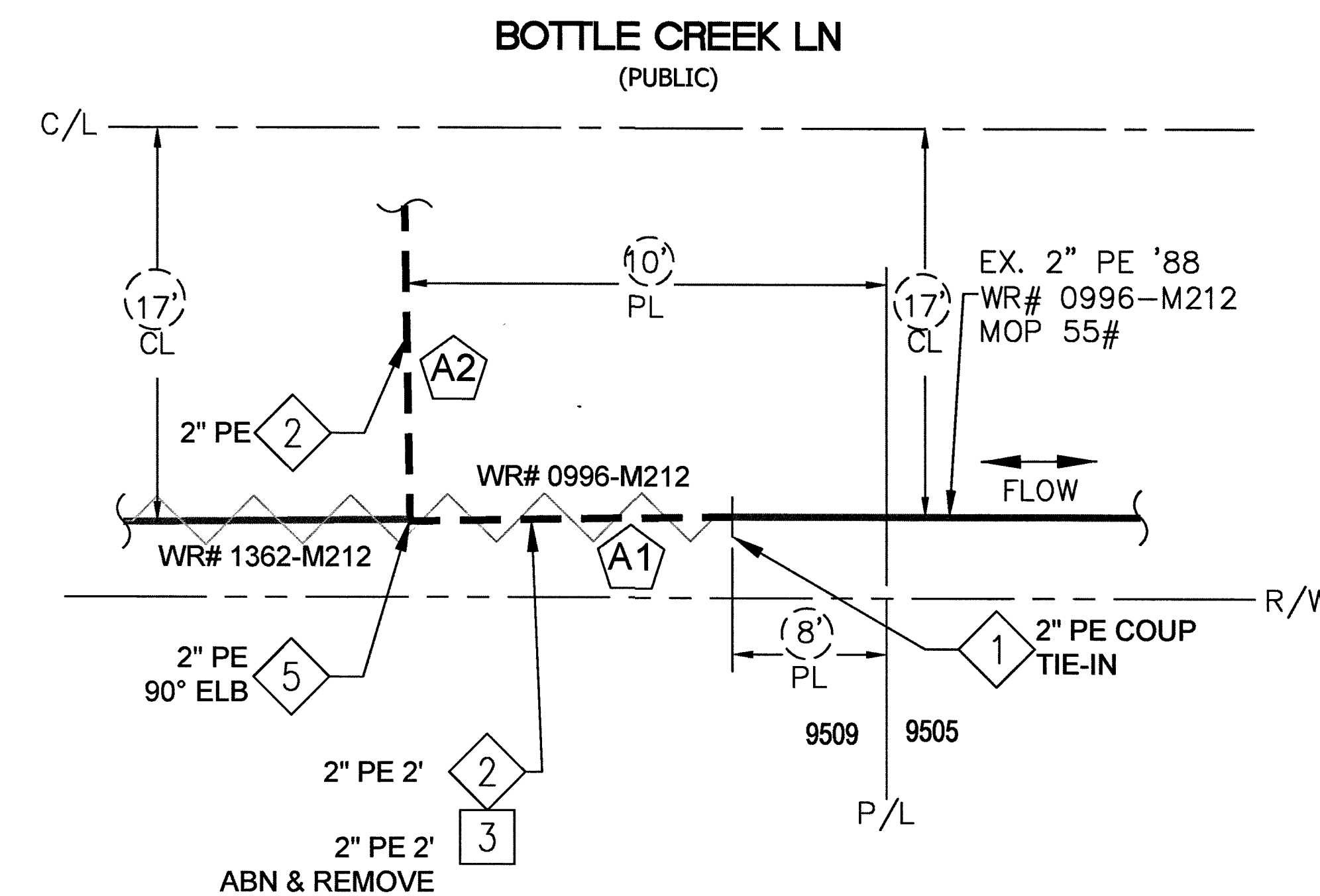


DETAIL "A"
NTS

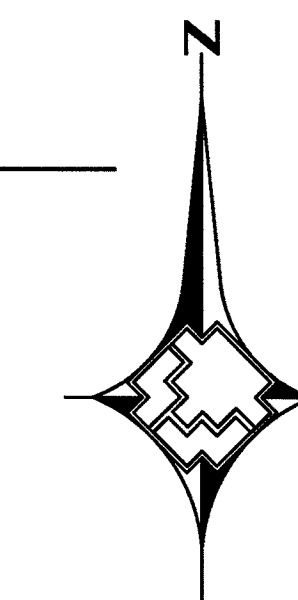


MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
1		3760102	EX. 2" PE '89 MOP 55#
2		3760102	EX. 2" PE '87 MOP 55#
3		3760102	EX. 2" PE '88 MOP 55#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		140-3504	2" PE COUPLING
2		100-5101	2" PE MAIN
3		140-3067	2" PE 90° ELBOW



DETAIL "B"
NTS



RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC:

- 500.4
- 500.5



NO.	DESCRIPTION	BY	DATE	APPVD.
1	DRIFTING REEF NORTH TIE-IN ALIGNMENT CHANGE	RCM	04-23-2019	
2				
3				
4				

PROPERTY UNITS							
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED	INSTL. COMPLETED	RETIRED	

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____

PIPE LENGTH _____

PIPE TYPE _____

MIN. DURATION _____

TEST PRES. (PSIG): (MAX) _____ (MIN) _____

TIME: (START) _____ (STOP) _____

DATE: (START) _____ (STOP) _____

PERFORMED BY: _____

SWGS VERIFIED BY: _____

INDIVIDUAL PERFORMING VISUAL INSPECTION

VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSION, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED

INSPECTOR NAME _____ DATE _____

FOREMAN NAME _____ DATE _____

REVIEWED BY _____ DATE _____

AS-BUILTS ACCEPTED BY _____ DATE _____

POSTED BY _____ DATE _____

POSTING QC'D BY _____ DATE _____

CONSTRUCTION

INSPECTOR _____

FOREMAN _____

REVIEWED BY _____

PERMIT INFORMATION

CITY OF LAS VEGAS

TAX CODE: 02-200

ISOLATION AREA

ISO_21_DIST_224

W.R. NO.

3525509

LOCATION

SEC 7

T21S R60E

M.D.M.

ATLAS #/TILE #

x582y504

x579y504

ENGINEER/TECH: RAMILO MENDOZA

PHONE: 702-365-2189

ACCOUNT REP: _____

PHONE: _____

PROJECT CONTACT: _____

PHONE: _____

SHEET NO: 5 OF 6

SCALE: NTS

DATE: 12-05-2017

DWN. BY: BC&F

CHKD. BY: _____

APPVD. BY: _____

TITLE

NCDP 2018

FTIR-CLV-DRIFTING REEF

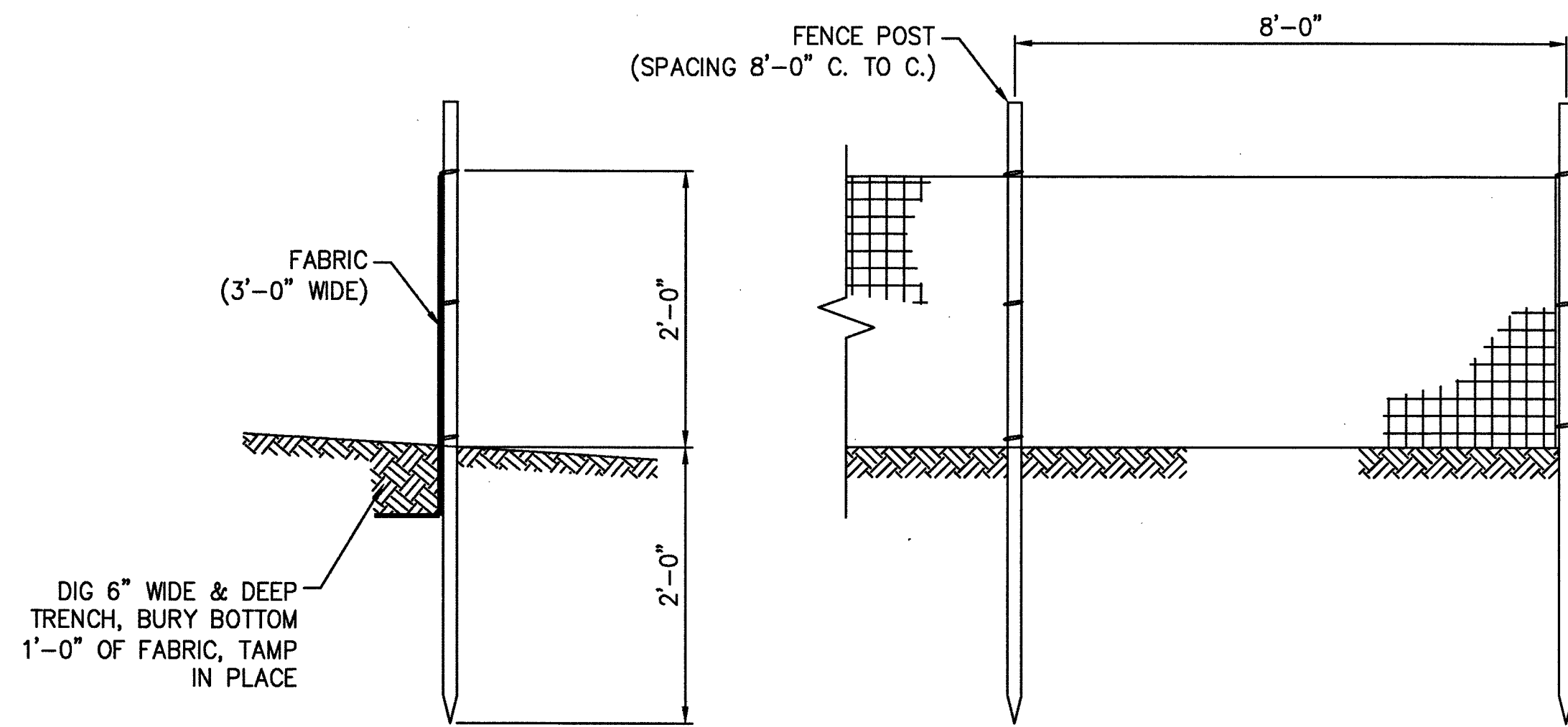
DETAILS A & B



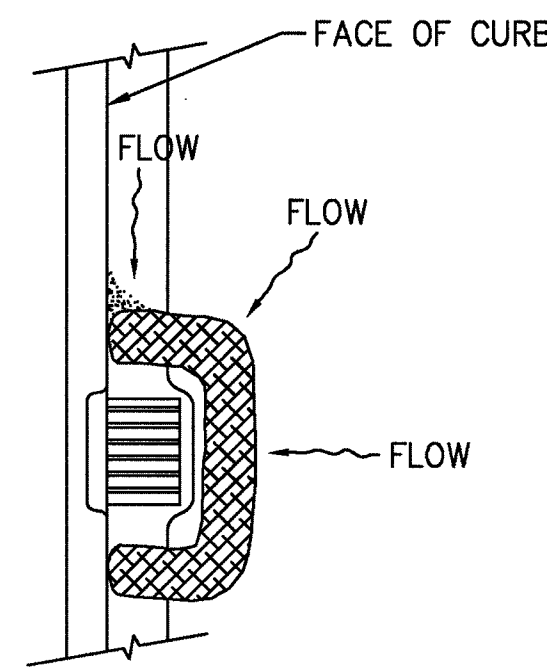
PK 6 & 19

REPLAT

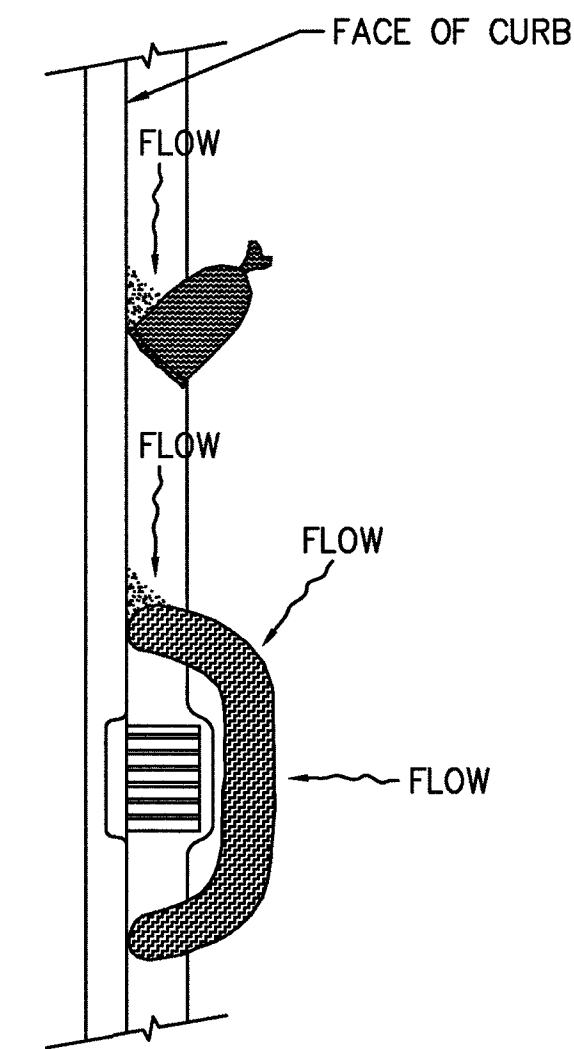
TYPICAL SWPPP BMPs DETAILS



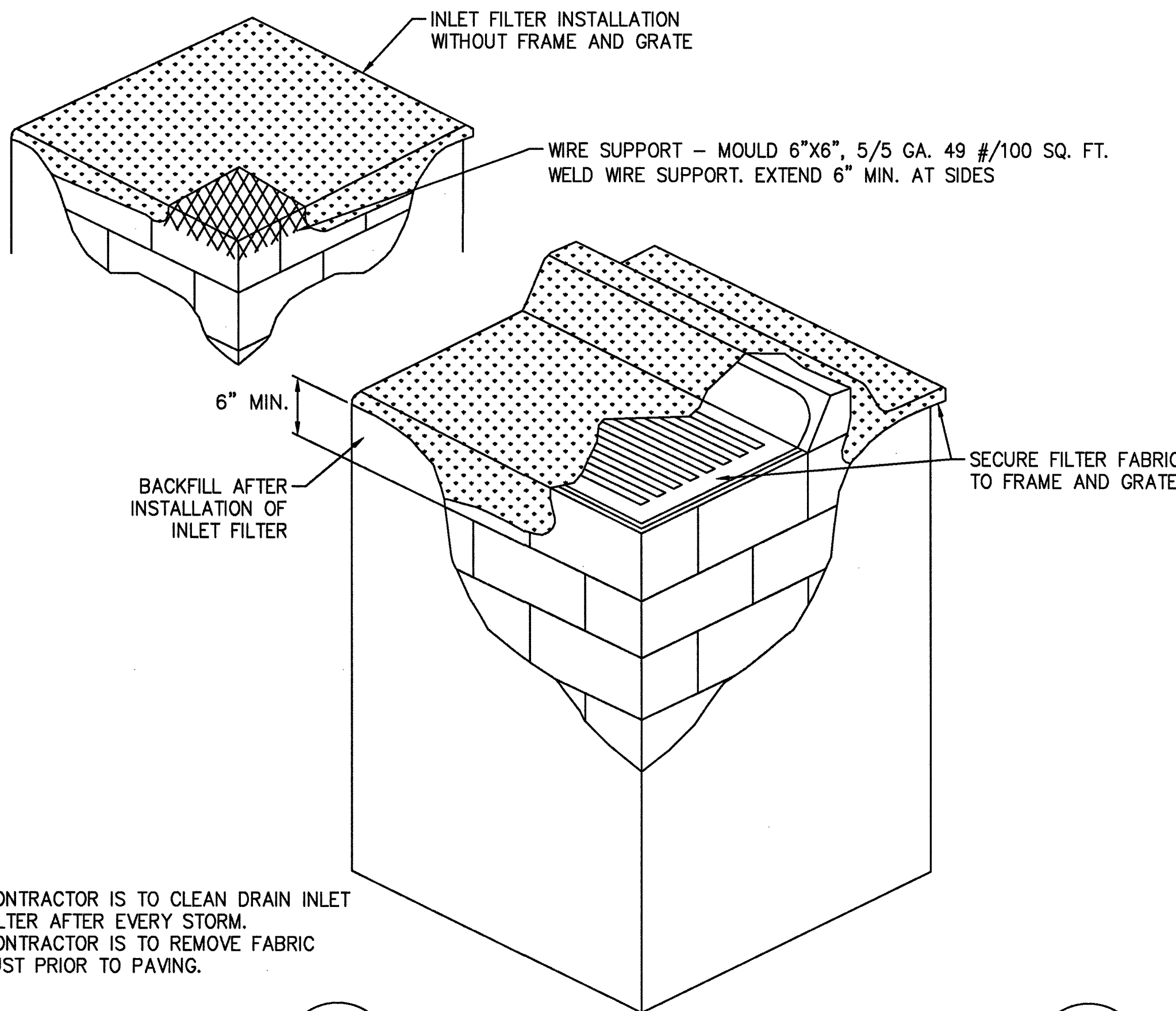
1 SILT FENCE
6 NOT TO SCALE



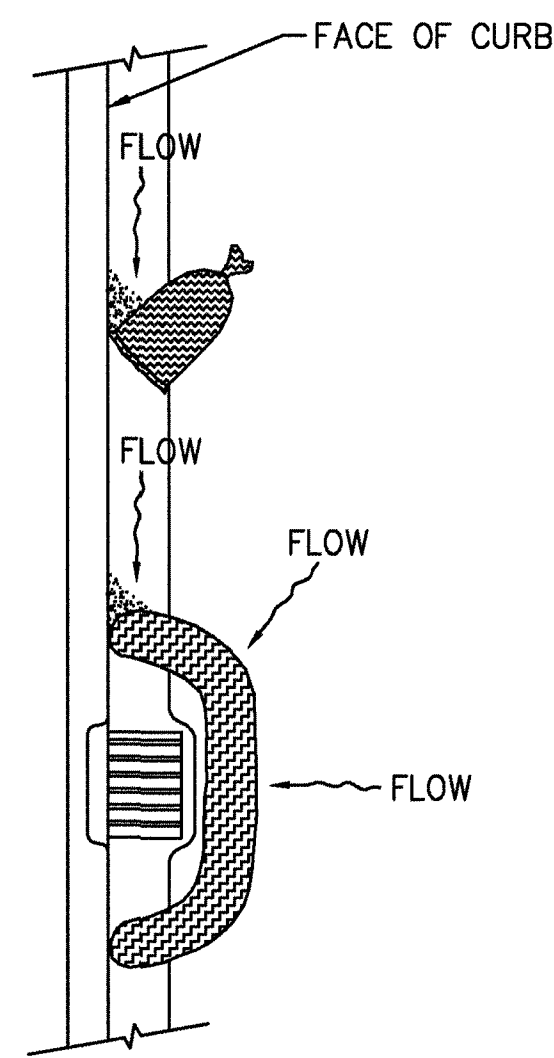
2 FIBER ROLL
6 NOT TO SCALE



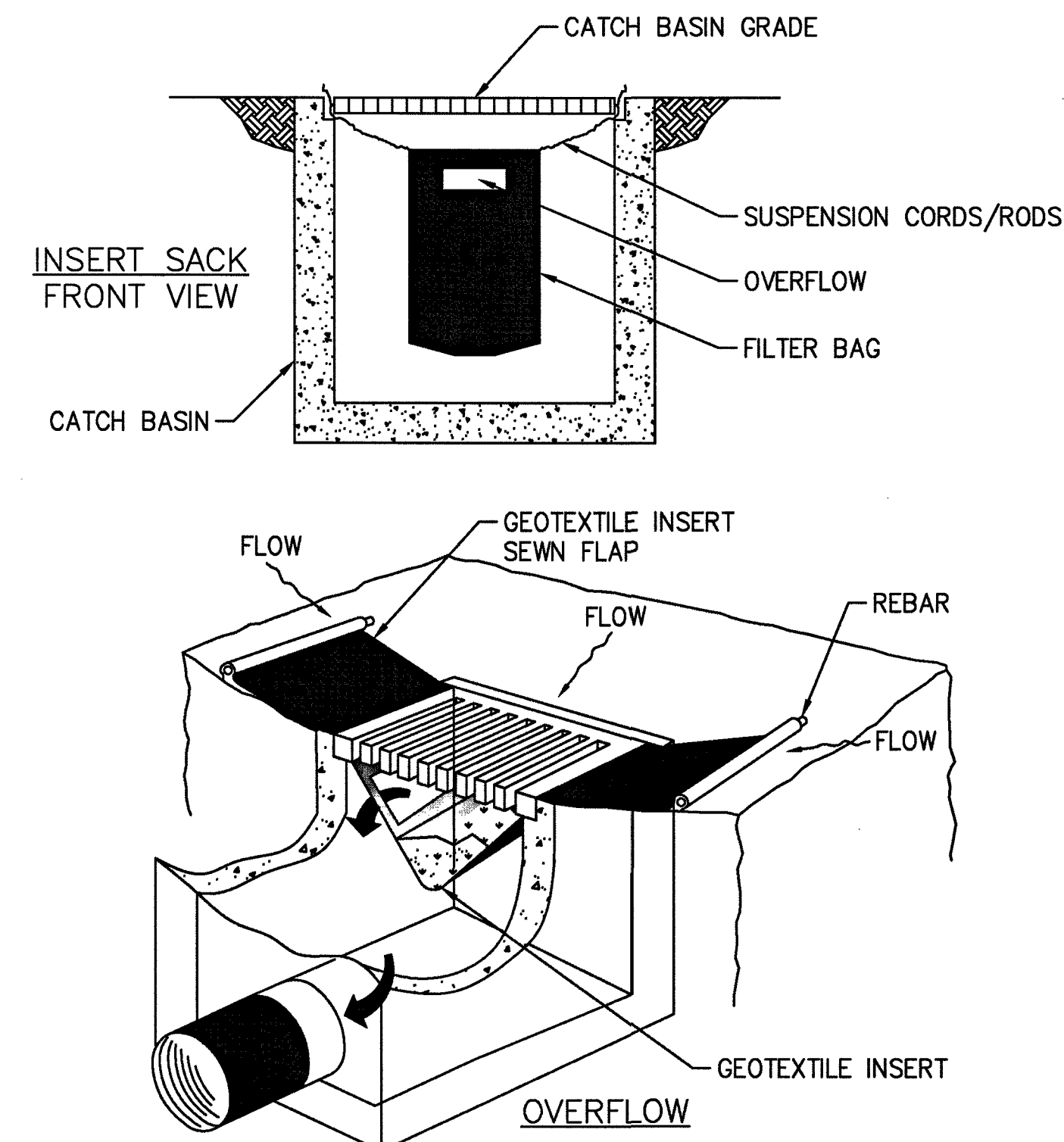
3 SAND BAG / ROLL
6 NOT TO SCALE



4 DRAIN INLET FILTER
6 NOT TO SCALE



5 GRAVEL BAG / ROLL
6 NOT TO SCALE



6 SEDIMENT FILTER BAG
6 NOT TO SCALE

- SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL INSTALL ONE OF THE APPROPRIATE BMP'S FOR THE PROTECTION OF EXISTING STORM DRAIN INLETS, WITHIN OR SIGNIFICANTLY NEAR ANY IMPROVED RIGHT-OF-WAY, FROM DEBRIS AND SEDIMENT RESULTING FROM CONSTRUCTION OF NATURAL GAS FACILITIES.
- SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIALS SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM, USING BEST MANAGEMENT PRACTICES DETAILED ON THIS SHEET.
- ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE LISTED BMPs ON THIS SHEET DO NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CLARK COUNTY CODE - CHAPTER 24.40/STORM SEWER SYSTEM DISCHARGE AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
- ACCUMULATED SEDIMENT IN BMPs SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

- NOTE:
- CONTRACTOR IS TO CLEAN DRAIN INLET FILTER AFTER EVERY STORM.
 - CONTRACTOR IS TO REMOVE FABRIC JUST PRIOR TO PAVING.



1. _____ 2. _____ 3. _____ 4. _____		AS-BUILT DRAWING-PRESSURE TEST DATA TEST MEDIUM TEST METHOD PIPE DIA. _____ <input type="checkbox"/> AIR <input type="checkbox"/> GAUGE PIPE LENGTH _____ <input type="checkbox"/> NITROGEN <input type="checkbox"/> CHART PIPE TYPE _____ <input type="checkbox"/> WATER GAUGE/ MIN. DURATION _____ <input type="checkbox"/> SOAP PRESS REC SNM TEST PRES. (PSI): (MAX) _____ (MIN) _____ TIME: (START) _____ (STOP) _____ DATE: (START) _____ (STOP) _____ PERFORMED BY: _____ SWG VERIFIED BY: _____		INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED NAME _____ DATE _____ SEE SHEET 3		CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY: SEE SHEET 3		ISOLATION AREA ISO_21_DIST_224		W.R. NO. 3525509		ENGINEER/TECH: RAMILO MENDOZA ACCOUNT REP: _____ PROJECT CONTACT: _____ SHEET NO: 6 OF 6 SCALE: NTS DATE: 12-05-2017 DWN. BY: BC&F CHKD. BY: _____ APPVD. BY: _____	
REVISIONS NO. DESCRIPTION BY DATE APPVD.		PROPERTY UNITS TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED		PERMIT INFORMATION CITY OF LAS VEGAS TAX CODE: 02-200		LOCATION SEC 7 T21S R60E M.D.M.		ATLAS #/TITLE # x582y504 x579y504		TITLE NCDP 2018 FTIR-CLV-DRIFTING REEF TYPICAL SWPPP BMPs DETAILS			

