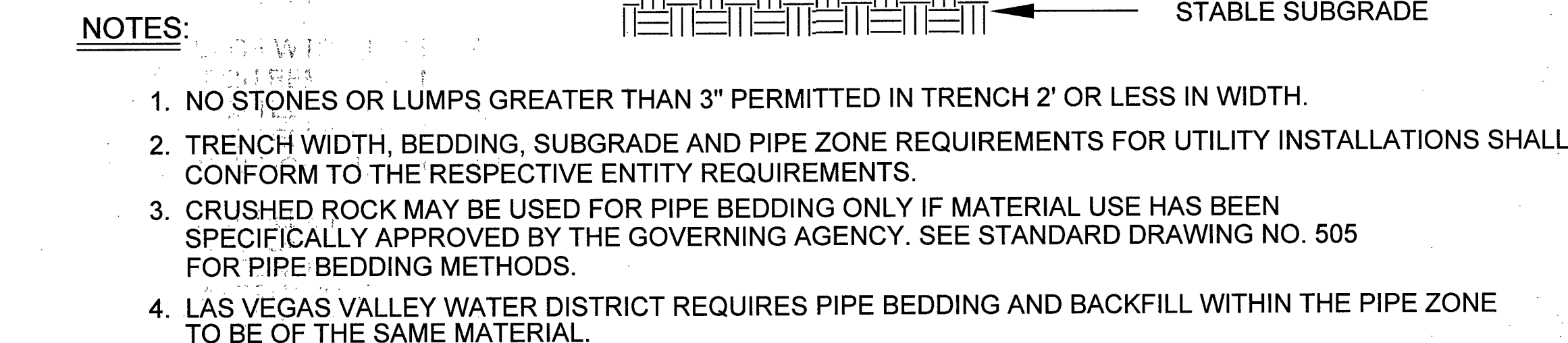




Know what's **below**.
Call before you dig.

[illegible]

MATERIAL LIST FOR DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
①	1		160-8030	TEE, 3-WAY, 4" STL WELD O-RING/TEE, 275 PSIG
②	1		160-8302	TRANSITION FITTING 4" STL/PE

FOR STEEL ONLY: TIE-IN #1

- EXISTING TYPE OF PIPE COATING
- ☐ TAR WRAP
 - ☐ ASPHALT
 - ☐ PRITEC
 - ☐ FUSION BONDED EPOXY (FBE)
 - ☐ PLASTIC TAPE WRAP
 - ☐ EXTRUDED POLY COATING
 - ☐ OTHER
 - ☐ ABRASIVE RESISTANT OVERCOAT (ARO)
 - ☐ FILLER TAPE (POLYKEN AND TAC-TAPE)
 - ☐ GREASE W/GLASS MAT WRAP & PLASTIC WRAP
 - ☐ SHRINK SLEEVE
 - ☐ POLYETHYLENE (BLACK)
 - ☐ POLYETHYLENE (YELLOW)
 - ☐ POLYETHYLENE TAPE
 - ☐ POLYPROPYLENE (BLACK)
 - ☐ POLYPROPYLENE (ORANGE)
 - ☐ SYNERGY
 - ☐ THERMIT WELD CAP
 - ☐ POWERCRETE
 - ☐ VISCOTAQ
 - ☐ WRAPID SHIELD FIBERGLASS WRAP
 - ☐ HIGH BUILD EPOXY (HBE)
 - ☐ STOP-IT BORESHIELD PIPE WRAP
 - ☐ CLOCK SPRING COMPOSITE WRAP
 - ☐ WIRE CONNECTION COVERS

- CONDITION OF PIPE COATING
- ☐ EXCELLENT (E)
 - ☐ GOOD (G)
 - ☐ FAIR (F)
 - ☐ POOR (P)
 - ☐ NO COATING (N)

- EXTERNAL CONDITION OF PIPE
- ☐ EXTERNAL GOOD (EG)
 - ☐ EXTERNAL SLIGHT CORROSION (ESC)
 - ☐ EXTERNAL HEAVY CORROSION (EHC)

EXISTING PIPE TO SOIL _____

EXISTING WALL THICKNESS _____

- INTERNAL CONDITION OF PIPE (IF CUT OR COUPON)
- ☐ NA
 - ☐ INTERNAL GOOD (IG)
 - ☐ INTERNAL SLIGHT CORROSION (ISC)
 - ☐ INTERNAL HEAVY CORROSION (IHC)

- ANODE INSTALLED
- YES ☐
- NO ☐
- IF YES, PIPE TO SOIL _____

- NEW TYPE OF PIPE COATING
- ☐ TAR WRAP
 - ☐ ASPHALT
 - ☐ PRITEC
 - ☐ FUSION BONDED EPOXY (FBE)
 - ☐ PLASTIC TAPE WRAP
 - ☐ EXTRUDED POLY COATING
 - ☐ OTHER
 - ☐ ABRASIVE RESISTANT OVERCOAT (ARO)
 - ☐ FILLER TAPE (POLYKEN AND TAC-TAPE)
 - ☐ GREASE W/GLASS MAT WRAP & PLASTIC WRAP
 - ☐ SHRINK SLEEVE
 - ☐ POLYETHYLENE (BLACK)
 - ☐ POLYETHYLENE (YELLOW)
 - ☐ POLYETHYLENE TAPE
 - ☐ POLYPROPYLENE (BLACK)
 - ☐ POLYPROPYLENE (ORANGE)
 - ☐ SYNERGY
 - ☐ THERMIT WELD CAP
 - ☐ POWERCRETE
 - ☐ VISCOTAQ
 - ☐ WRAPID SHIELD FIBERGLASS WRAP
 - ☐ HIGH BUILD EPOXY (HBE)
 - ☐ STOP-IT BORESHIELD PIPE WRAP
 - ☐ CLOCK SPRING COMPOSITE WRAP
 - ☐ WIRE CONNECTION COVERS

CATHODIC PROTECTION NOTES:

- CONTACT CP DEPARTMENT AT (702) 528-7873 AT LEAST 48 HOURS PRIOR TO WORK TO COORDINATE INSTALLATION
- THIS WR AFFECTS THE FOLLOWING CP AREAS:

CPID#:

WMIS#:

WELDS CUT OUT:

WELD PROCEDURES USED:

SIGNATURE _____

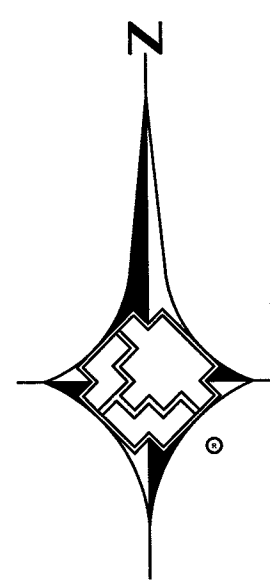
DATE _____

CP READ: _____

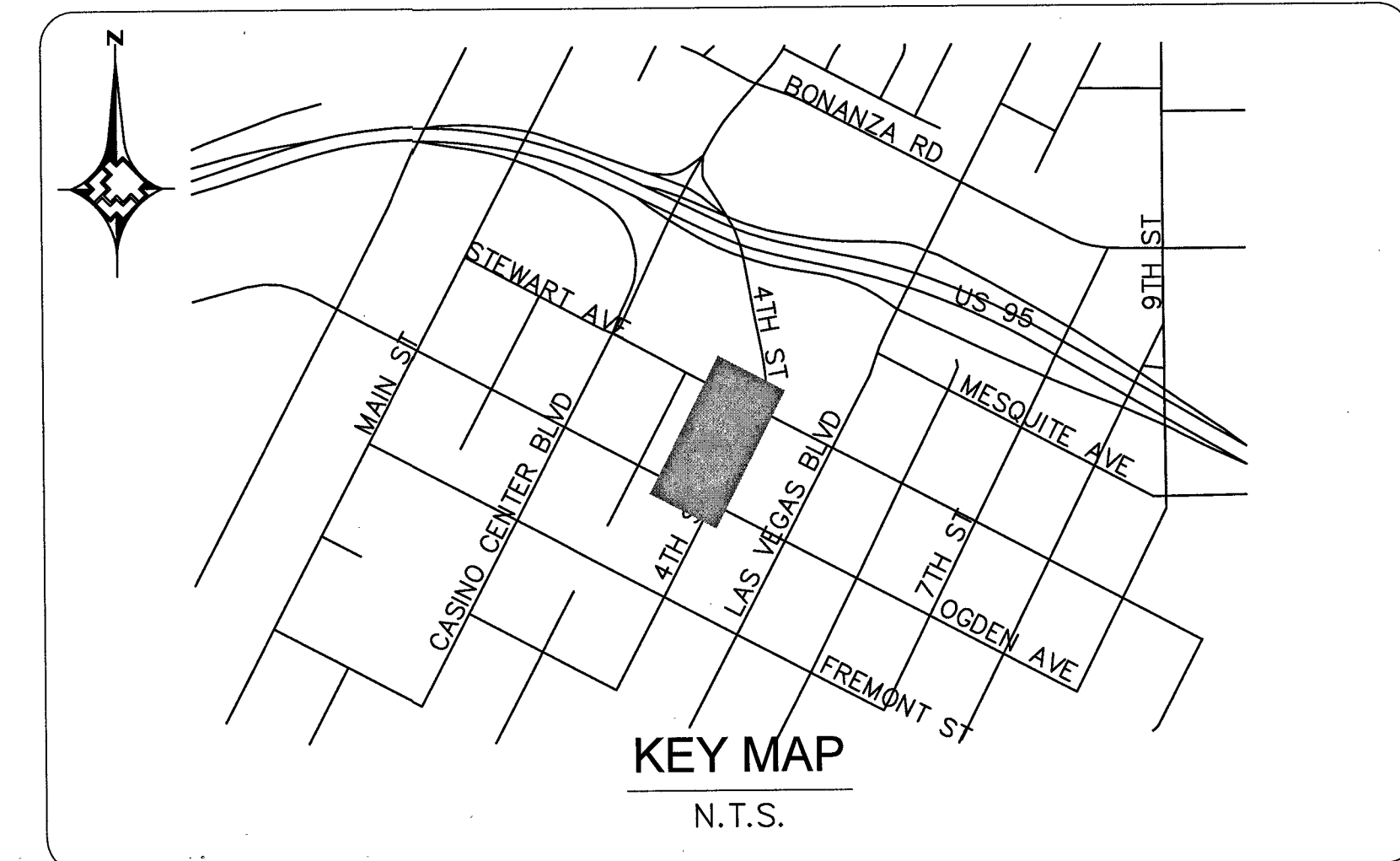
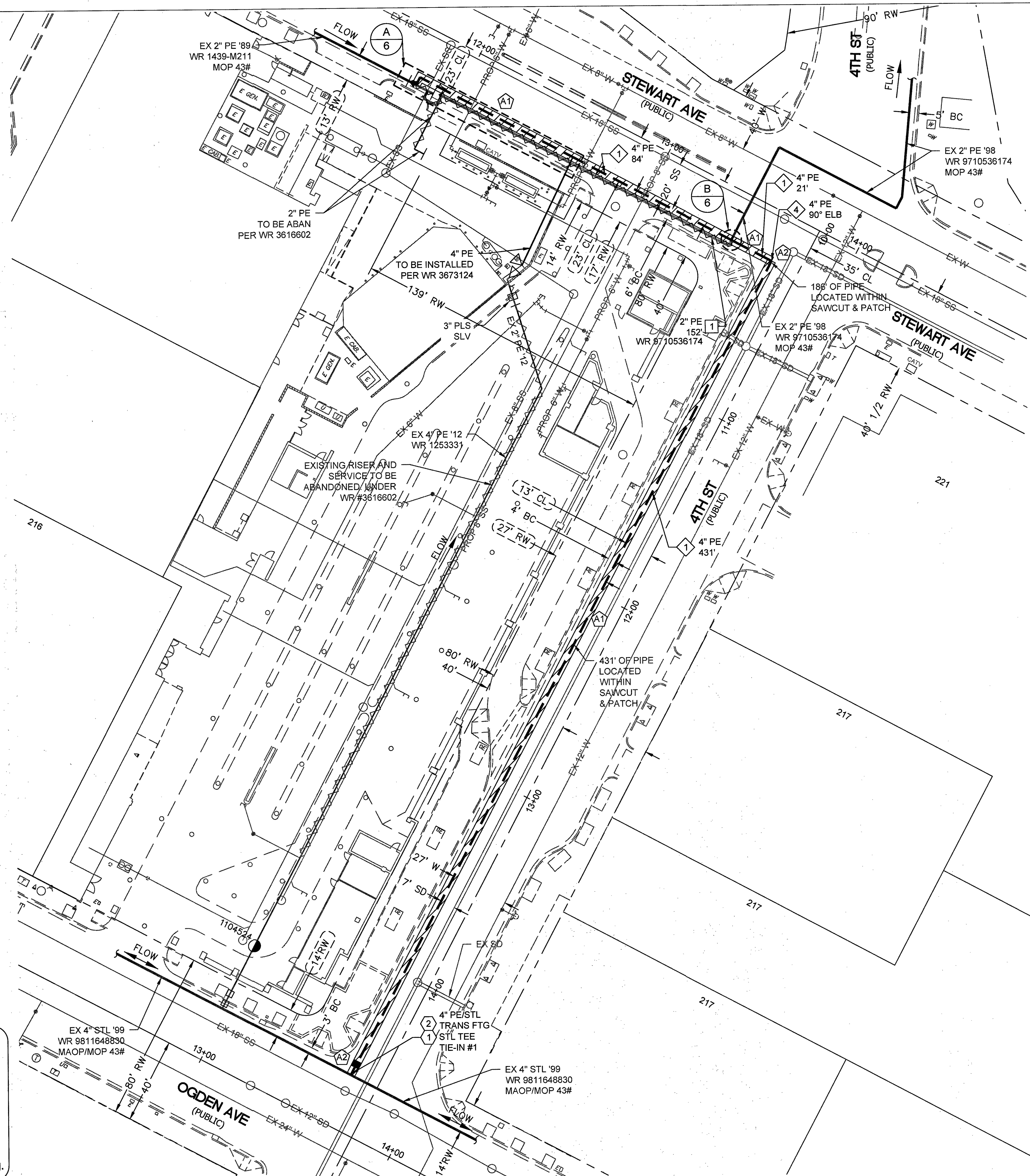
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1. _____				2. _____				3. _____				4. _____				NO. _____				DESCRIPTION _____				BY _____				DATE _____				APPVD. _____				TAX CODES _____				UNIT NO. _____				UNIT TYPE _____				INSTL. _____				RETIRED _____				INSTL. _____				RETIRED _____				PROPOSED _____				COMPLETED _____				PROPERTY UNITS				AS-BUILT DRAWING-PRESSURE TEST DATA				TEST MEDIUM _____				TEST METHOD _____				PIPE DIA. _____				PIPE LENGTH _____				PIPE TYPE _____				MIN. DURATION _____				TEST PRES. (PSIG) (MAX) _____				(MIN) _____				TIME (HOUR) _____				(STOP) _____				DATE (START) _____				(STOP) _____				PERFORMED BY: _____				CHECKED BY: _____				INDIVIDUAL PERFORMING VISUAL INSPECTION				VISUAL INSPECTION CERTIFICATION				I HAVE VISUALLY INSPECTED ALL HEATED FUSION, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED				NAME _____				DATE _____				CONSTRUCTION				INSPECTOR _____				FOREMAN _____				REVIEWED BY _____				PERMIT INFORMATION				CITY OF LAS VEGAS				TAX CODE: 02-0203				ISOLATION AREA				ISO_21_DIST_096				W.R. NO.				3676474				ENGINEER/TECH: RYAN STEMMERIK				ACCOUNT REP: NASRIN HOUSTON				PROJECT CONTACT: RICH RIAL				SHEET NO: 4 OF 7				SCALE: NTS				DATE: 9/12/2018				DWN. BY: BC&F				CHKD. BY: _____				APPVD. BY: _____				TITLE				N 4TH ST AND STEWART				MATERIALS AND SIGNATURES - STEEL			
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0 1" = 30' 30



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5201	4" PE MAIN
4		140-3069	4" PE 90° ELBOW

MATERIAL LIST FOR ABANDONED FACILITIES

ITEM#	QTY. (AS-BUILT)	PROPERTY UNITS	DESCRIPTION
1		3760102	EX 2" PE '98 MOP 43#

MATERIAL LIST FOR DISTRIBUTION FACILITIES

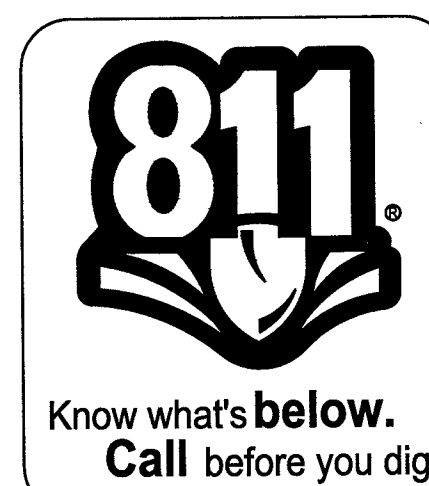
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		160-8030	TEE, 3-WAY, 4" STL WELD O-RING/TEE, 275 PSIG
2		160-8302	TRANSITION FITTING 4" STL/PE

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC:

A1 500.3

A2 500.5



NO.	DESCRIPTION	BY	DATE	APPVD.
1.				
2.				
3.				
4.				
REVISIONS				
SOUTHWEST GAS CORPORATION				
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED
PROPERTY UNITS				

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____
PIPE LENGTH _____
PIPE TYPE _____
MIN. DURATION _____
TEST PRES. (PSIG) (MAX) _____ (MIN) _____
TIME (HOURS) _____ (STOP) _____
DATE (START) _____ (STOP) _____
PERFORMED BY: _____
SIGNATURE VERIFIED BY: _____

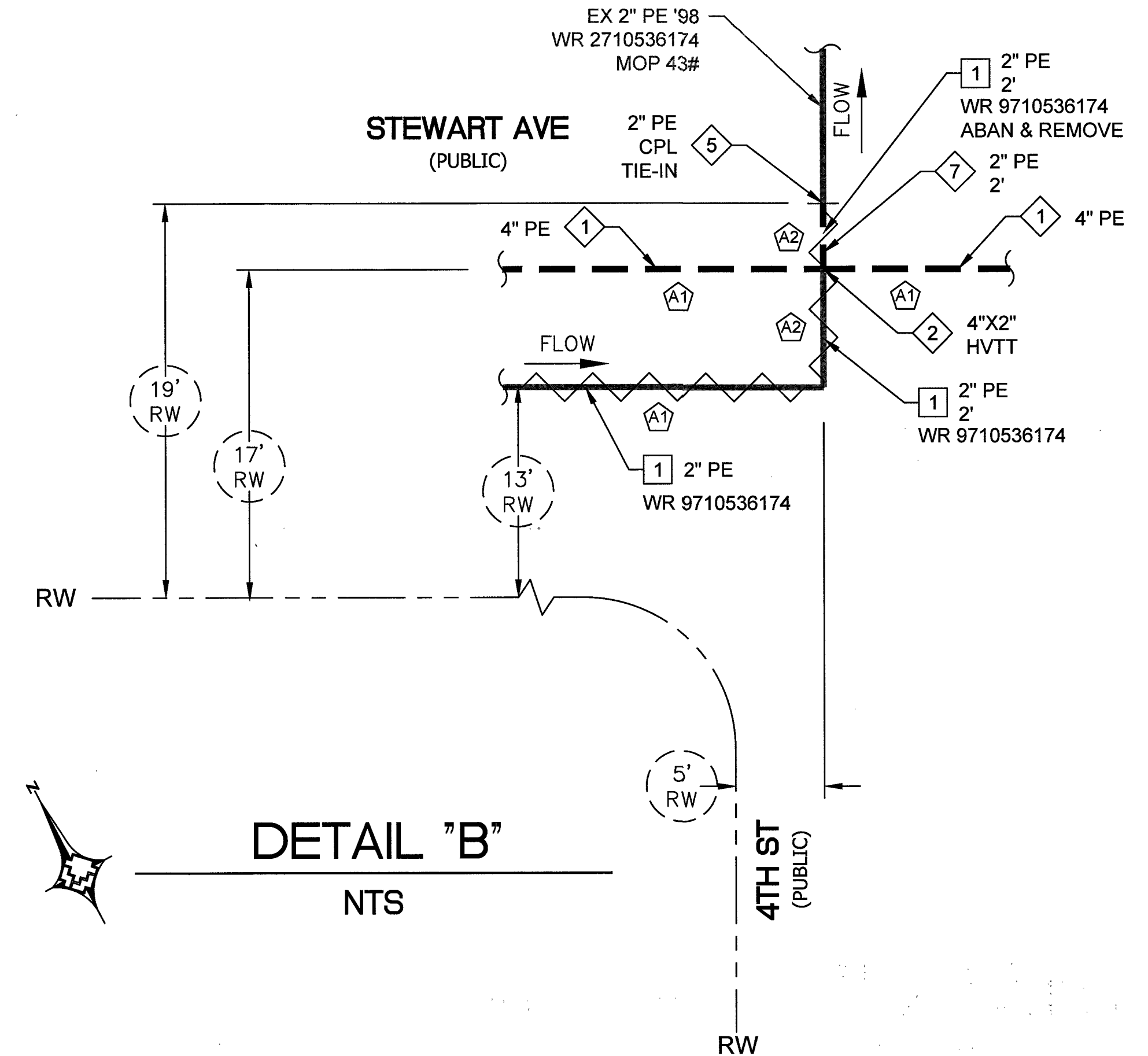
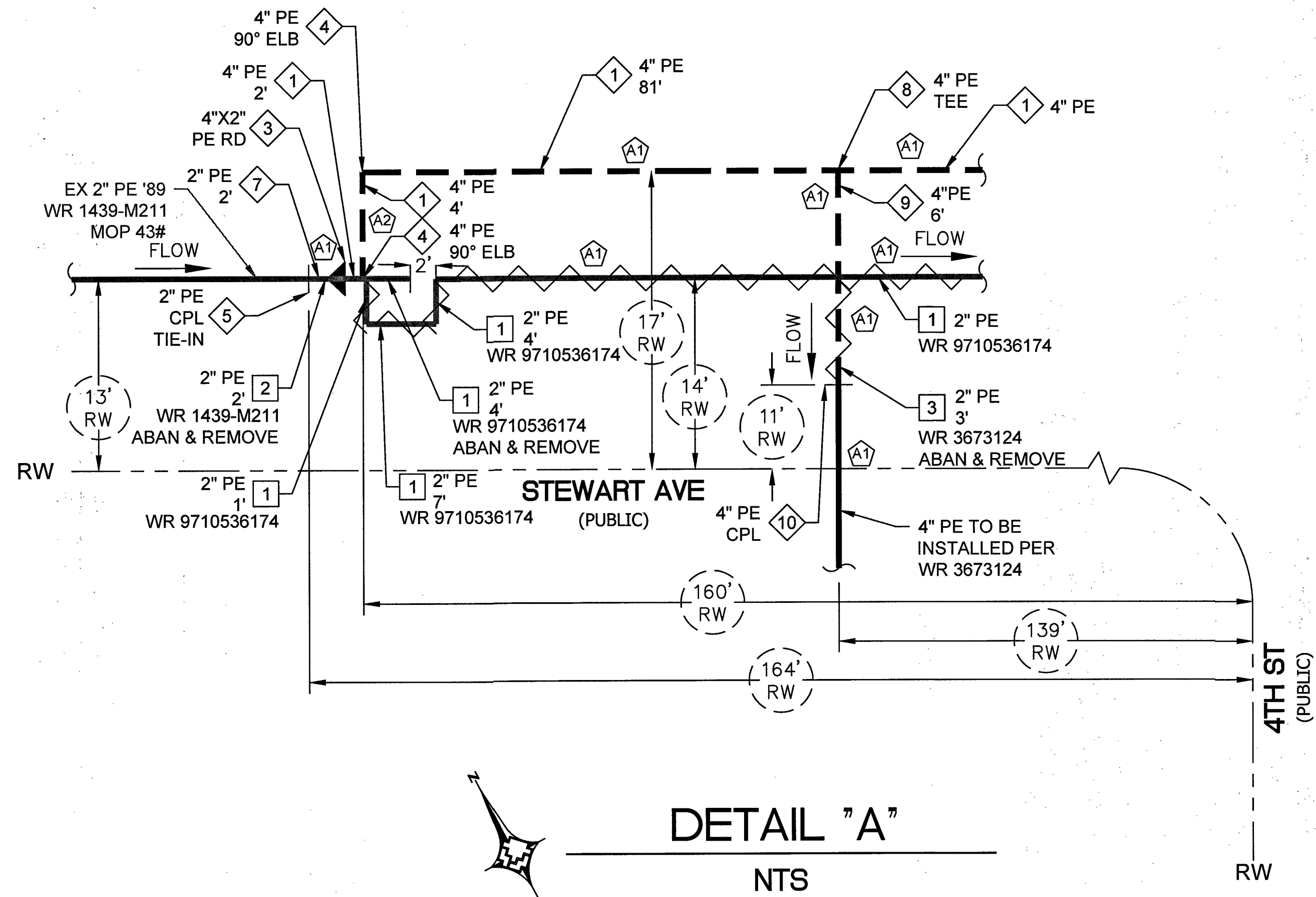
INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED
NAME _____ DATE _____
INSPECTOR _____
FOREMAN _____
REVIEWED BY _____
AS-BUILTS ACCEPTED BY _____ DATE _____
POSTED BY _____ DATE _____
POSTING QCD BY _____ DATE _____

CONSTRUCTION

SEE SHEET 3
CITY OF LAS VEGAS
TAX CODE: 02-0203

ISOLATION AREA ISO_21_DIST_096	W.R. NO. 3676474	ENGINEER/TECH: RYAN STEMMERIK ACCOUNT REP: NASRIN HOUSTON PROJECT CONTACT: RICH RIAL SHEET NO: 5 OF 7 DWN. BY: BC&F	PHONE: 702-365-2311 PHONE: 702-365-2549 PHONE: 702-376-0527 DATE: 9/12/2018 APPVD. BY:
LOCATION SEC 34 T20S R61E M.D.M.	ATLAS #/TITLE # x630y516	TITLE N 4TH ST AND STEWART DESIGN PLAN	



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5201	4" PE MAIN
2		160-8174	4"x2" HVTT
3		140-5118	4"x2" PE REDUCER
4		140-3069	4" PE 90° ELBOW
5		140-3532	2" PE COUPLING
7		100-5101	2" PE MAIN
8		140-3076	4" PE TEE
9		100-5201	4" PE SERVICE
10		140-3530	4" PE COUPLING

MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNITS	DESCRIPTION
1		3760102	EX 2" PE '98 MOP 43#
2		3760102	EX 2" PE '89 MOP 43#
3		3800102	2" PE MOP 43# TO BE INSTALLED

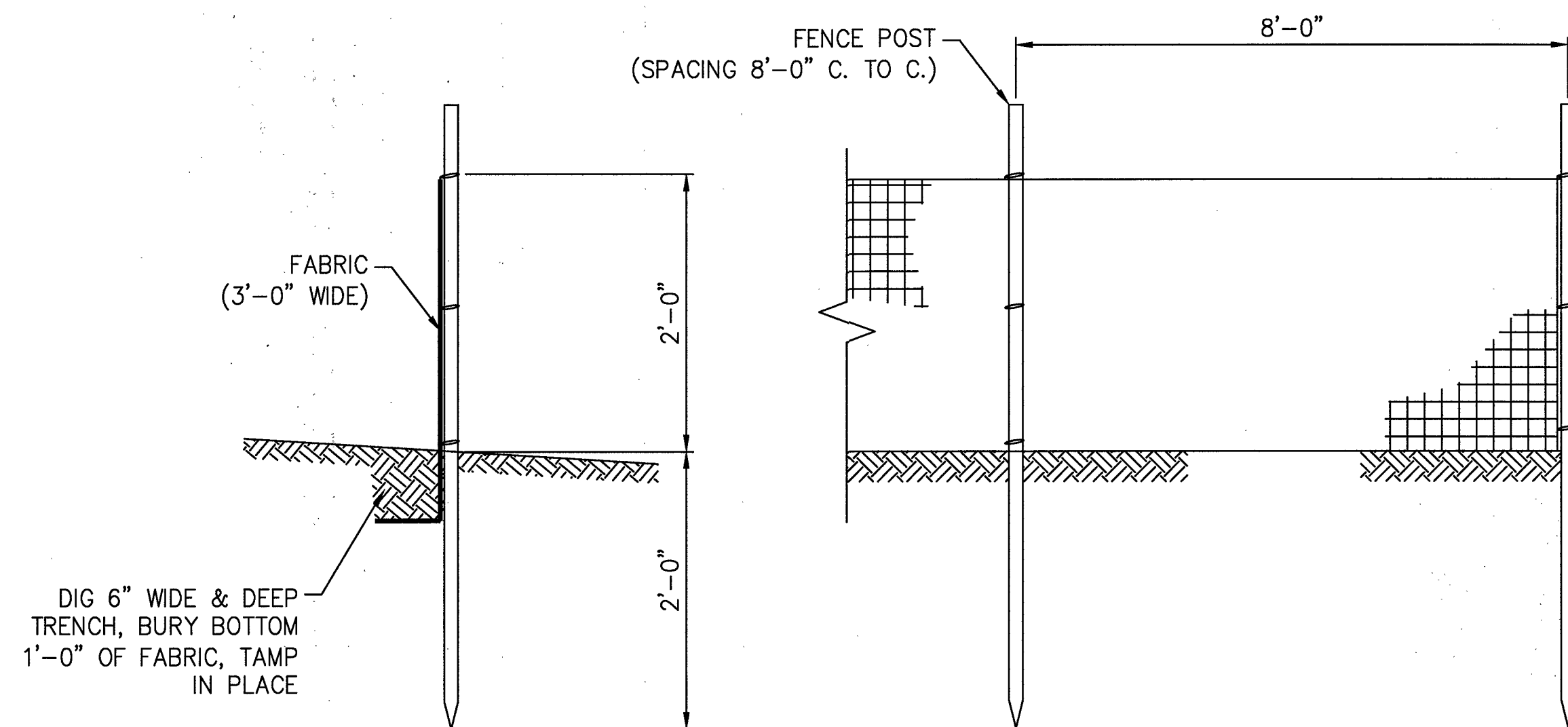
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC:

A1 500.3
A2 500.5

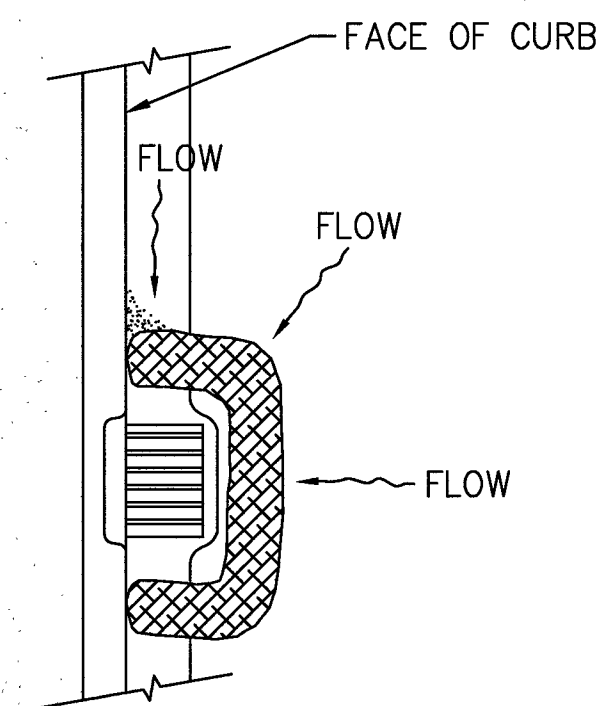


1. _____ 2. _____ 3. _____ 4. _____ NO. DESCRIPTION BY DATE APPVD				AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG): (MAX) _____ (MIN) _____ TIME: (START) _____ (STOP) _____ DATE: (START) _____ (STOP) _____ PERFORMED BY: _____ TEST MEDIUM: ☐ AIR ☐ NITROGEN ☐ WATER ☐ SOAP TEST METHOD: ☐ GAUGE ☐ CHART ☐ GAUGE/ PRESS REC SN# _____ SEE SHEET 3				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 _____ AS-BUILTS ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QC'D BY _____ DATE _____ SEE SHEET 3				CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ PERMIT INFORMATION CITY OF LAS VEGAS TAX CODE: 02-0203 SEE SHEET 3				ISOLATION AREA ISO_21_DIST_096 LOCATION SEC 34 T20S R61E M.D.M.		W.R. NO. 3676474 ATLAS #/TILE # x630y516		ENGINEER/TECH: RYAN STEMMERIK ACCOUNT REP: NASRIN HOUSTON PROJECT CONTACT: RICH RIAL SHEET NO: 6 OF 7 DWN. BY: BC&F SCALE: NTS CHKD. BY: _____ DATE: 9/12/2018 APPVD. BY: _____		PHONE: 702-365-2311 PHONE: 702-365-2549 PHONE: 702-376-0527	
REVISIONS TAX CODES _____ UNIT NO. _____ UNIT TYPE _____ INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED PROPERTY UNITS				N 4TH ST AND STEWART DETAILS A & B																			

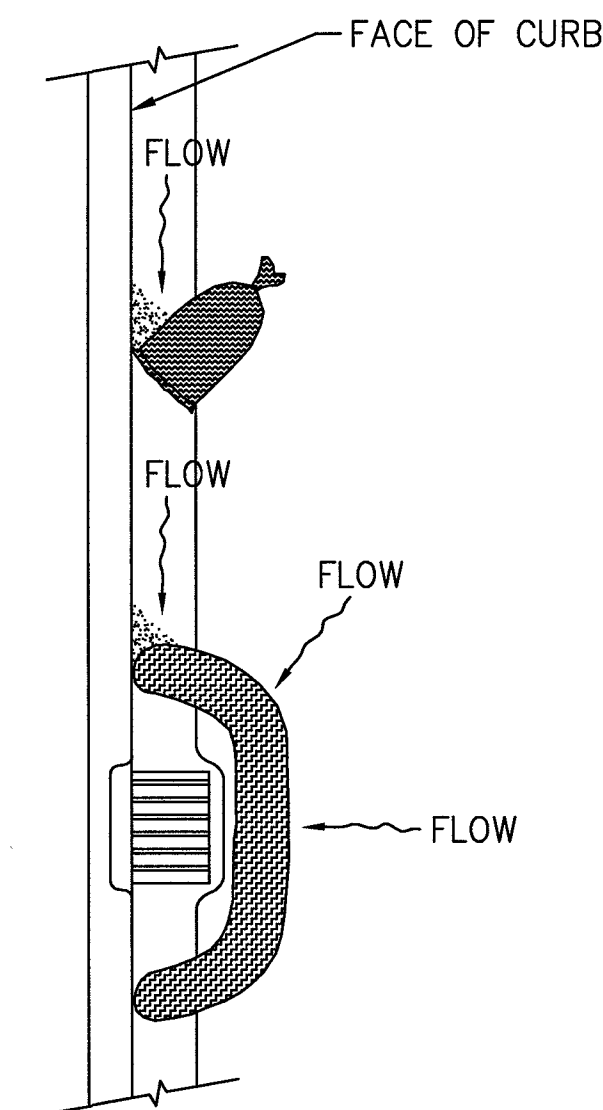
TYPICAL SWPPP BMPs DETAILS



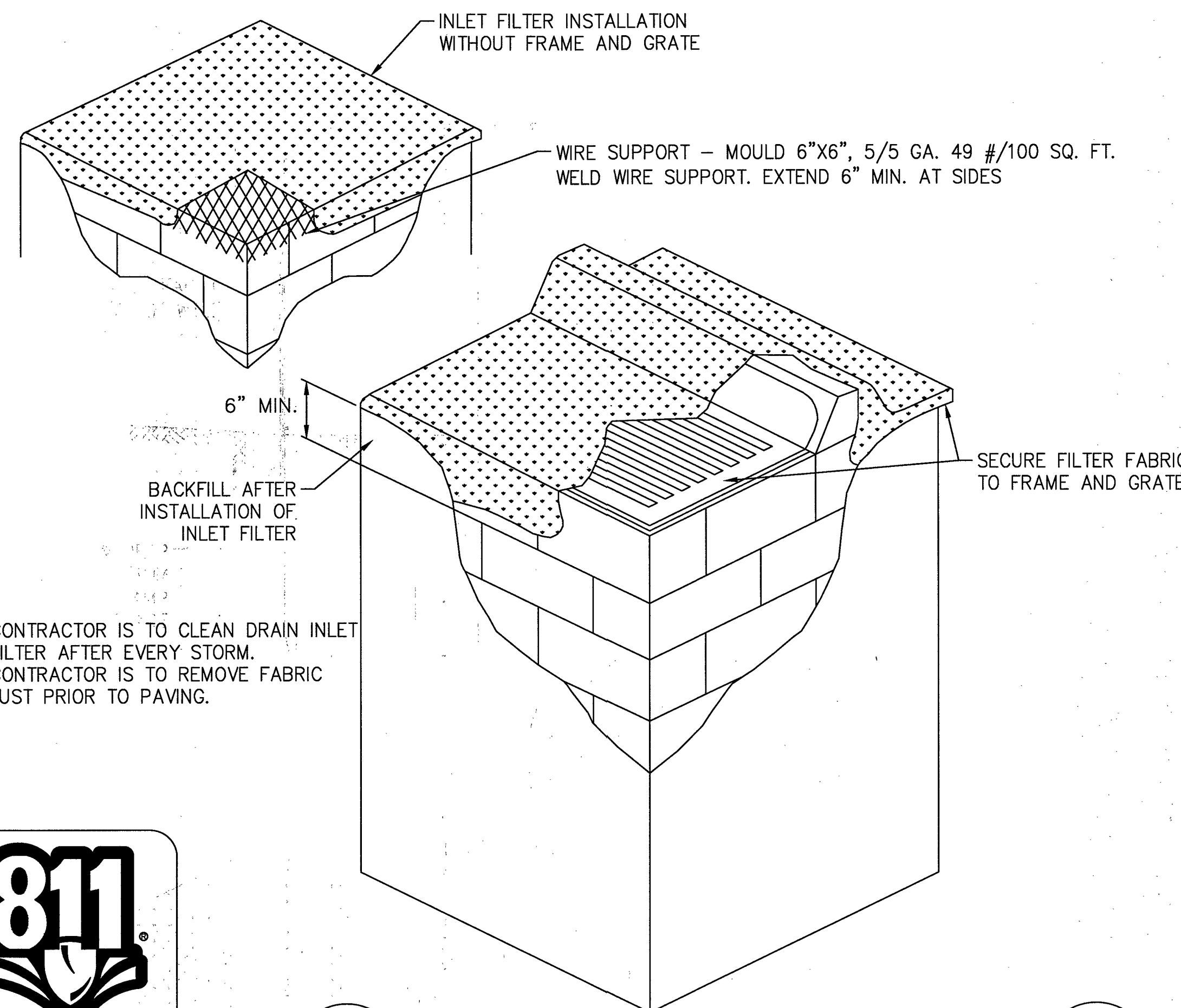
1
7 **SILT FENCE**
NOT TO SCALE



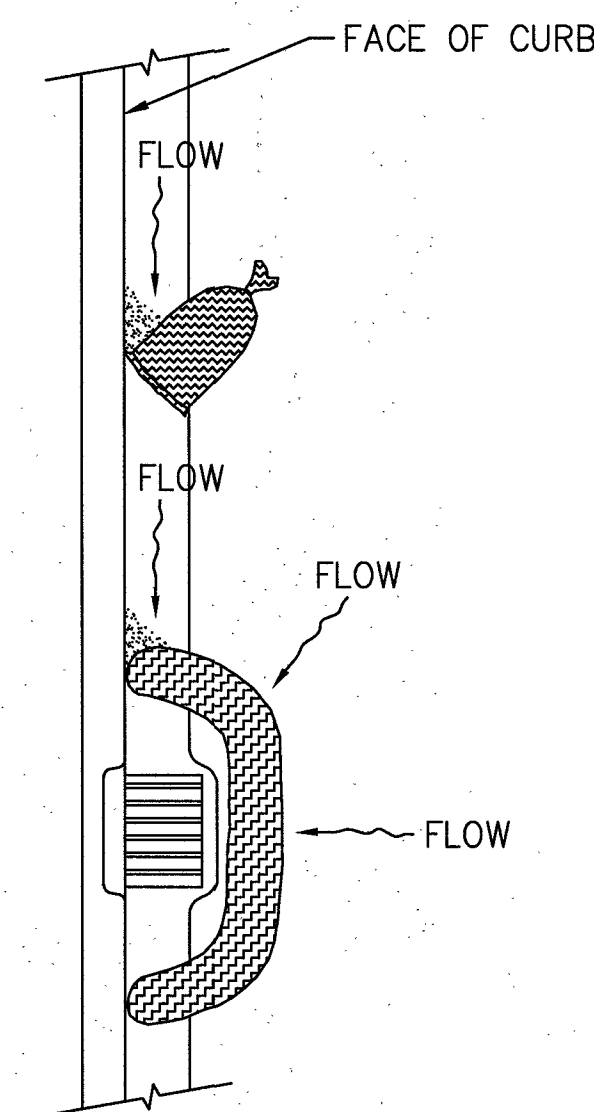
2
7 **FIBER ROLL**
NOT TO SCALE



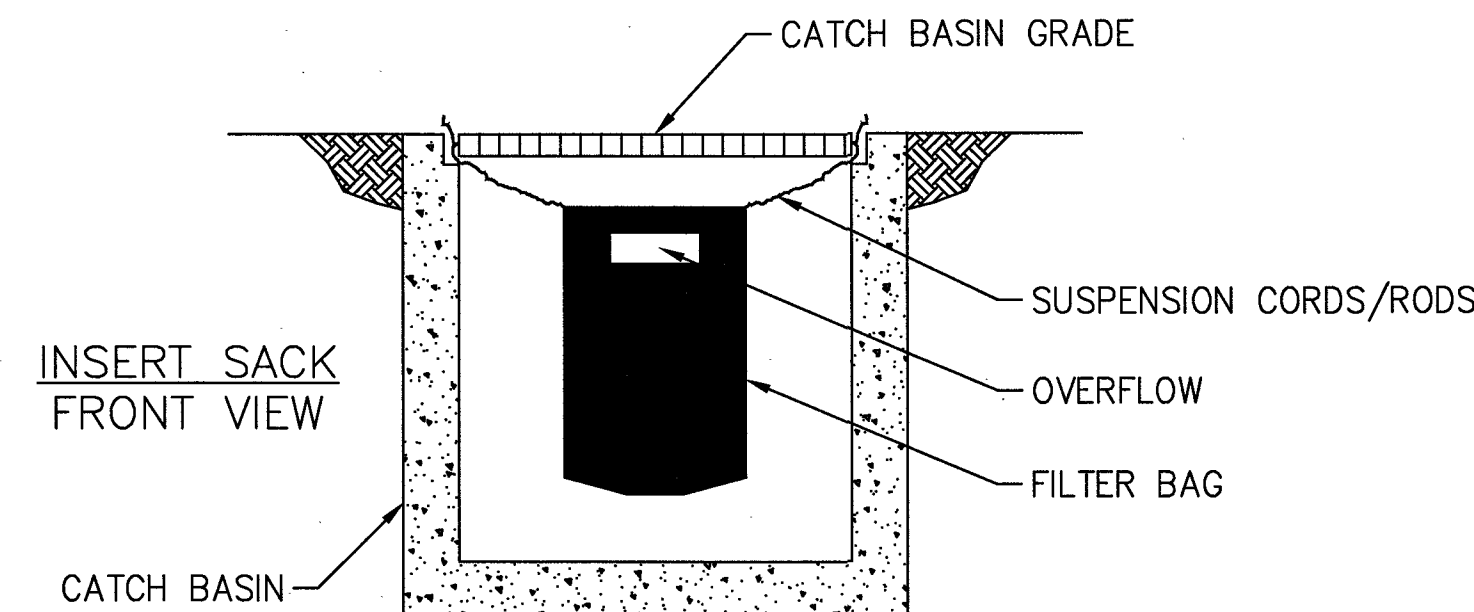
3
7 **SAND BAG / ROLL**
NOT TO SCALE



4
7 **DRAIN INLET FILTER**
NOT TO SCALE



5
7 **GRAVEL BAG / ROLL**
NOT TO SCALE

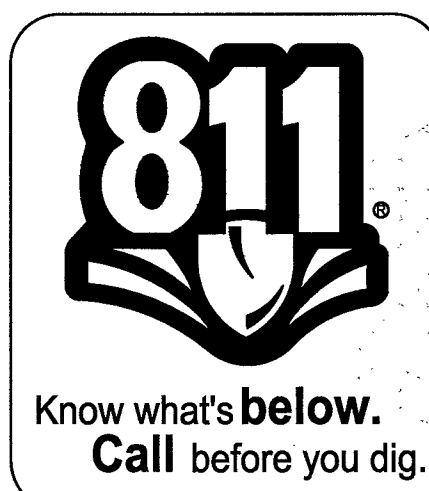


6
7 **SEDIMENT FILTER BAG**
NOT TO SCALE

STORMWATER NOTES

- SOUTHWEST GAS CORPORATION, ITS CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL INSTALL ONE OF THE APPROPRIATE BMPs 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. _____				NO. _____ DESCRIPTION _____ BY _____ DATE _____ APPVD. _____				REVISIONS				TAX CODES _____ UNIT NO. _____ UNIT TYPE _____ INSTL. _____ RETIRED _____ INSTL. _____ RETIRED _____ PROPOSED _____ COMPLETED _____				PROPERTY UNITS				AS-BUILT DRAWING-PRESSURE TEST DATA TEST MEDIUM _____ TEST METHOD _____ PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG): (MAX) _____ (MIN) _____ TIME (HRS): (START) _____ (STOP) _____ DATE (START) _____ (STOP) _____ PERFORMED BY: _____ SWGS VERIFIED BY: _____				INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT HAVE PERFORMED NAME _____ DATE _____ INSPECTOR _____ FOREMAN _____ REVIEWED BY _____				CONSTRUCTION PERMIT INFORMATION CITY OF LAS VEGAS TAX CODE: 02-0203				ISOLATION AREA ISO_21_DIST_096				W.R. NO. 3676474				ENGINEER/TECH: RYAN STEMMERIK ACCOUNT REP: NASRIN HOUSTON PROJECT CONTACT: RICH RIAL SHEET NO: 7 OF 7 SCALE: NTS DATE: 9/12/2018 DWN. BY: BC&F CHKD. BY: _____ APPVD. BY: _____				TITLE N 4TH ST AND STEWART TYPICAL SWPPP BMPs DETAILS			
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