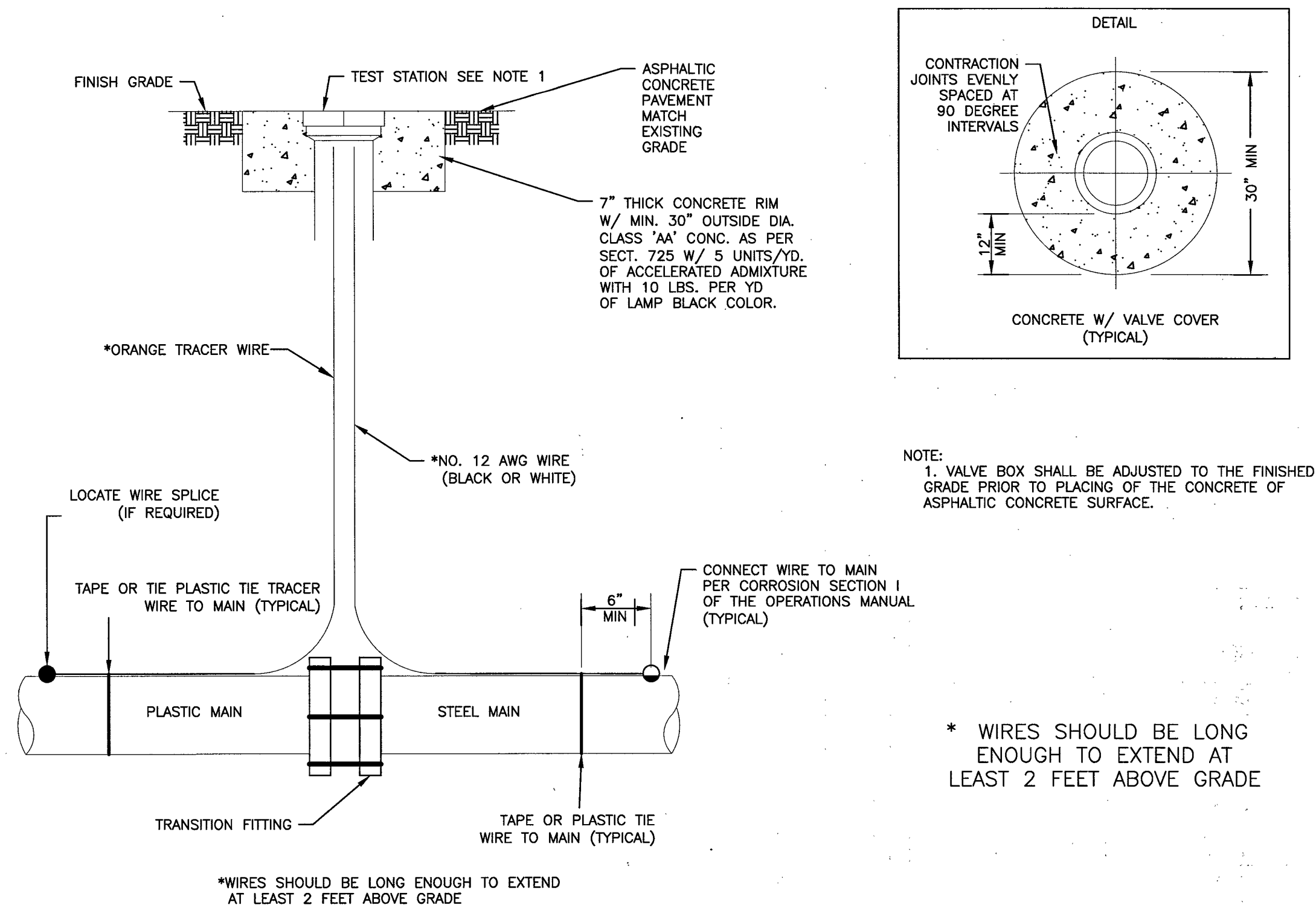
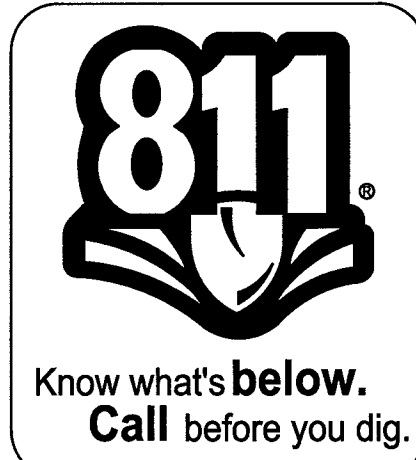


MATERIAL LIST FOR ABANDONED FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	PROPERTY UNIT#	DESCRIPTION
1	233'			ABANDON 1/2" PVC '60 SVC
2	6'			ABANDON 2" PE '89 MOP 43#
3	10'			ABANDON 2" PE '93 MOP 43#
4	95'			ABANDON 2" PVC '70 MOP 43#
5	38'			ABANDON 2" STL '70 SVC
7	13'			ABANDON 2" PVC '73 MOP 43#
8	142'			ABANDON 2" PVC '63 MOP 43#
10	186'			ABANDON 2" STL '59 MOP 43#
16	631'			ABANDON 2" PVC '67 MOP 43#
18	140'			ABANDON 2" PVC '66 MOP 43#
19	122'			ABANDON 2" STL '56 MOP 43#
20	12'			ABANDON 2" PE '98 MOP 43#
21	150'			ABANDON 1/2" PVC '58 SVC
24	18'			ABANDON 1/2" PVC '64 SVC
25	124'			ABANDON 3/4 PVC '69 SVC
26	7'			ABANDON 2" PVC '74 MOP 43#
27	6'			ABANDON 1/2" PVC '67 SVC
28	28'			ABANDON 1/2" PE '98 SVC
29	25'			ABANDON 1/2" PE '89 SVC
30	161'			ABANDON 2" STL '58 MOP 43#
31	11'			ABANDON 1/2" PVC '59 SVC

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES				
ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2	229'		101-8526	PROPOSED 1" PE SERVICE
4	3		160-8162	PROPOSED 2" STL X 2" PE TRANSITION FITTING
5	657'		100-5101	PROPOSED 2" PE MAIN
6	4		140-3067	PROPOSED 2" PE 90° ELBOW
8	4		140-3060	PROPOSED 2" PE CAP
9	7		850-9353	PROPOSED 1" PE EFV COUPLING
10	2		160-8163	PROPOSED 4" STL X 4" PE TRANSITION FITTING
11	1		160-9271	PROPOSED 2" EFV COUPLING (5,500 CFH)
12	42'		100-5101	PROPOSED 2" PE SERVICE
14	2		140-5118	PROPOSED 4" X 2" PE REDUCER
15	1		140-3074	PROPOSED 2" PE TEE
16	10		160-7981	PROPOSED 3/4"x1" STL TEE
17	1		140-5373	PROPOSED 2" STL TEE
18	2		160-8207	PROPOSED 2" STL CAP
19	1		120-8605	PROPOSED 2" PE SLSV #442733
20	2		160-8405	PROPOSED 1" EFV COUPLING (1,800 CFH)
21	1		140-3205	PROPOSED 4" STL CAP
22	1		160-8018	PROPOSED 2" STL 3-WAY SHORTSTOPP TEE
23	3		160-8000	PROPOSED 2" STL 3-WAY TAPPING TEE
24	5		160-7640	PROPOSED 2" STL LINE STOPPER FITTING



PLASTIC TO STEEL TEST STATION DETAIL 245



PURGE PLAN WAS COMPLETED IN ACCORDANCE WITH THE OPERATIONS MANUAL GUIDELINES BY:

PRINT: _____ DATE: _____

SIGNATURE: _____

VISUAL INSPECTION (OQ/PJQ)

SIGNATURE _____
DATE _____

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____ TEST MEDIUM TEST METHOD
☐ AIR ☐ GAUGE
PIPE LENGTH _____ ☐ NITROGEN ☐ CHART
PIPE TYPE _____ ☐ WATER GAUGE/
MIN. DURATION _____ ☐ SOAP PRESS REC SN#
TEST PRES. (PSIG) _____ START _____ END _____
TIME _____
DATE _____
PERFORMED BY _____

SYSTEM _____ D_VALLEY_WIDE

DR. NO. _____ 21DR10002397

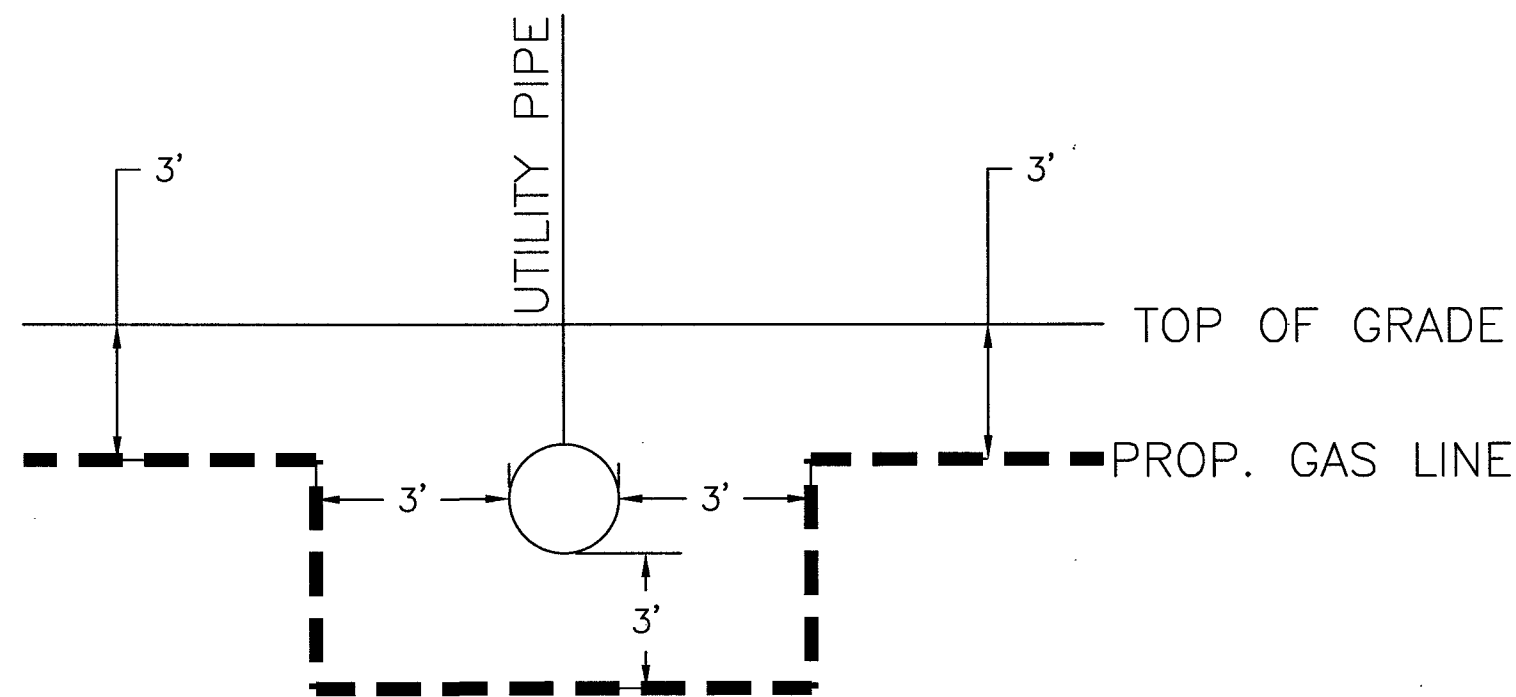
SEGMENT M.A.O.P. _____ N/A

SYSTEM M.A.O.P. _____ 43 psig

SYSTEM M.O.P. _____ 43 psig

MATERIAL LIST FOR PROPOSED STL FACILITIES

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1	2		251-2406	PROPOSED 5-TERM CP TEST STATION



TYPICAL UTILITY CROSSING DETAIL

NOT TO SCALE

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#: R14 2nd A
WMIS#: 21DCP0021169
- INSTALL CP TEST STATION. SEE DETAIL ON SHEET 08 and SHEET 09. DETAIL 245 ON SHEET 03.

EXISTING RISERS

# OF ANODELESS RISERS	QTY.
22	
# OF ANODE RISERS	QTY.
2	

1.				
2.				
3.				
4.				
NO.	DESCRIPTION	BY	DATE	APPVD.

REVISIONS



3760102	2" PE		657'	28'		
3760602	2" PVC			1,028'		
3760202	2" STL			499'		
3800102	2" PE		42'			
3800202	2" STL			38'		
3800101	1" PE		229'			
3800601	3/4" PVC			124'		
3800101	1/2" PE			53'		
3800601	1/2" PVC			407'		

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____ TEST MEDIUM TEST METHOD
☐ AIR ☐ GAUGE
PIPE LENGTH _____ ☐ NITROGEN ☐ CHART
PIPE TYPE _____ ☐ WATER GAUGE/
MIN. DURATION _____ ☐ SOAP PRESS REC SN#
TEST PRES. (PSIG) (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 _____

CONSTRUCTION

INSPECTOR _____
FOREMAN _____
REVIEWED BY _____

PERMIT INFORMATION

CITY OF LAS VEGAS
TAX CODE: 02-0203

ISOLATION AREA

DIST_293

W.R. NO.

3432774

LOCATION

SEC 35
T20S R61E
M.D.M.

ATLAS #/TILE #

x630y514
x633y514

ENGINEER/TECH: CHRIS ANDERSEN	PHONE: 702-365-2139
ACCOUNT REP:	PHONE:
PROJECT CONTACT: CHRIS ANDERSEN	PHONE: 702-365-2139
SHEET NO: 3 OF 13	SCALE: NTS
DWN. BY: BC&F	DATE: 6/27/2018
CHKD. BY:	APPVD. BY:

TITLE
GIR 2018-DPI-CLV-
CARSON AVE & 14TH ST
MATERIALS AND SIGNATURES - PE

SHEET 8 – MAIN

FOR STEEL ONLY TIE-IN #4

PIPE TO SOIL _____

ANODE INSTALLED?

	YES	NO
1. Do you have a current driver's license?		
2. Do you have a current vehicle registration?		
3. Do you have a current insurance policy?		
4. Do you have a current safety inspection?		
5. Do you have a current title?		
6. Do you have a current license plate?		
7. Do you have a current vehicle identification number (VIN)?		
8. Do you have a current vehicle history report?		
9. Do you have a current vehicle maintenance record?		
10. Do you have a current vehicle accident history?		
11. Do you have a current vehicle recall status?		
12. Do you have a current vehicle theft status?		
13. Do you have a current vehicle lien status?		
14. Do you have a current vehicle title status?		
15. Do you have a current vehicle license status?		
16. Do you have a current vehicle insurance status?		
17. Do you have a current vehicle safety inspection status?		
18. Do you have a current vehicle title status?		
19. Do you have a current vehicle license plate status?		
20. Do you have a current vehicle identification number (VIN) status?		
21. Do you have a current vehicle history report status?		
22. Do you have a current vehicle maintenance record status?		
23. Do you have a current vehicle accident history status?		
24. Do you have a current vehicle recall status?		
25. Do you have a current vehicle theft status?		
26. Do you have a current vehicle lien status?		
27. Do you have a current vehicle title status?		
28. Do you have a current vehicle license status?		
29. Do you have a current vehicle insurance status?		
30. Do you have a current vehicle safety inspection status?		

Page 10 of 10

IF YES, PIPE TO SOIL_____

TYPE OF PIPE COATING

- 2 ☐ TAR WRAP
3 ☐ ASPHALT
4 ☐ PRITEC
6 ☐ FUSION BONDED EPOXY
8 ☐ PLASTIC TAPE WRAP
9 ☐ EXTRUDED POLY COATING
10 ☐ OTHER

CONDITION OF PIPE COATING

- E ☐ EXCELLENT
G ☐ GOOD
F ☐ FAIR
P ☐ POOR
N ☐ NO COATING

CONDITION OF PIPE

IF EXPOSED. EXTERNAL	IF CUT OR COUPON. INTERNAL
-------------------------	----------------------------------

- | | | |
|-----|---|------------------------------|
| EG | ☐ GOOD | ☐ IG |
| ESC | ☐ SLIGHT CORROSION | ☐ ISC |
| EHC | ☐ HEAVY CORROSION | ☐ IHC |

HOT TAP TIE-IN #4

TECHNICIAN

SIGNATURE

DATE _____



1-702-593-6111

WELD PROCEDURES USED:

DATE _____

[illegible]

SHEET 9 -1631 FREMONT ST

FOR STEEL ONLY TIE-IN #8

PIPE TO SOIL _____

ANODE INSTALLED?

	YES	NO
1. Do you have a current driver's license?		
2. Do you have a current vehicle registration?		
3. Do you have a current insurance policy?		
4. Do you have a current title?		
5. Do you have a current sales tax certificate?		
6. Do you have a current license plate?		
7. Do you have a current title transfer fee?		
8. Do you have a current title transfer tax?		
9. Do you have a current title transfer fee?		
10. Do you have a current title transfer tax?		

100 101

IF YES, PIPE TO SOIL_____

TYPE OF PIPE COATING

- 2 ☐ TAR WRAP
3 ☐ ASPHALT
4 ☐ PRITEC
6 ☐ FUSION BONDED EPOXY
8 ☐ PLASTIC TAPE WRAP
9 ☐ EXTRUDED POLY COATING
10 ☐ OTHER

CONDITION OF PIPE COATING

- E ☐ EXCELLENT
G ☐ GOOD
F ☐ FAIR
P ☐ POOR
N ☐ NO COATING

CONDITION OF PIPE

IF CUT OR
COUPON.
INTERNAL

- | | | |
|-----|---|------------------------------|
| EG | ☐ GOOD | ☐ IG |
| ESC | ☐ SLIGHT CORROSION | ☐ ISC |
| EHC | ☐ HEAVY CORROSION | ☐ IHC |



WELD PROCEDURES USED:

[illegible]

SHEET 12 - MAIN

FOR STEEL ONLY TIE-IN #13

PIPE TO SOIL _____

ANODE INSTALLED?

YES NO

☐ ☐

IF YES, PIPE TO SOIL _____

TYPE OF PIPE COATING

2 ☐ TAR WRAP

3 ☐ ASPHALT

4 ☐ PRITEC

6 ☐ FUSION BONDED EPOXY

8 ☐ PLASTIC TAPE WRAP

9 ☐ EXTRUDED POLY COATING

10 ☐ OTHER

CONDITION OF PIPE COATING

E ☐ EXCELLENT

G ☐ GOOD

F ☐ FAIR

P ☐ POOR

N ☐ NO COATING

CONDITION OF PIPE

IF EXPOSED. IF CUT OR

EXTERNAL COUPON.

INTERNAL

EG ☐ GOOD ☐ IG

ESC ☐ SLIGHT CORROSION ☐ ISC

EHC ☐ HEAVY CORROSION ☐ IHC

HOT TAP TIE-IN #13

TECHNICIAN _____

SIGNATURE _____

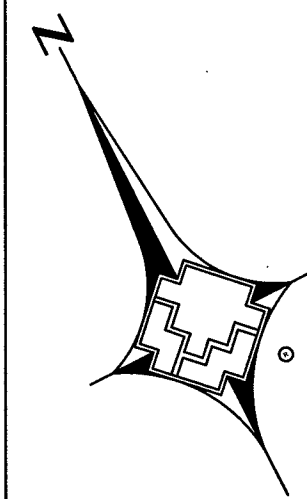
DATE _____

WELD PROCEDURES USED:

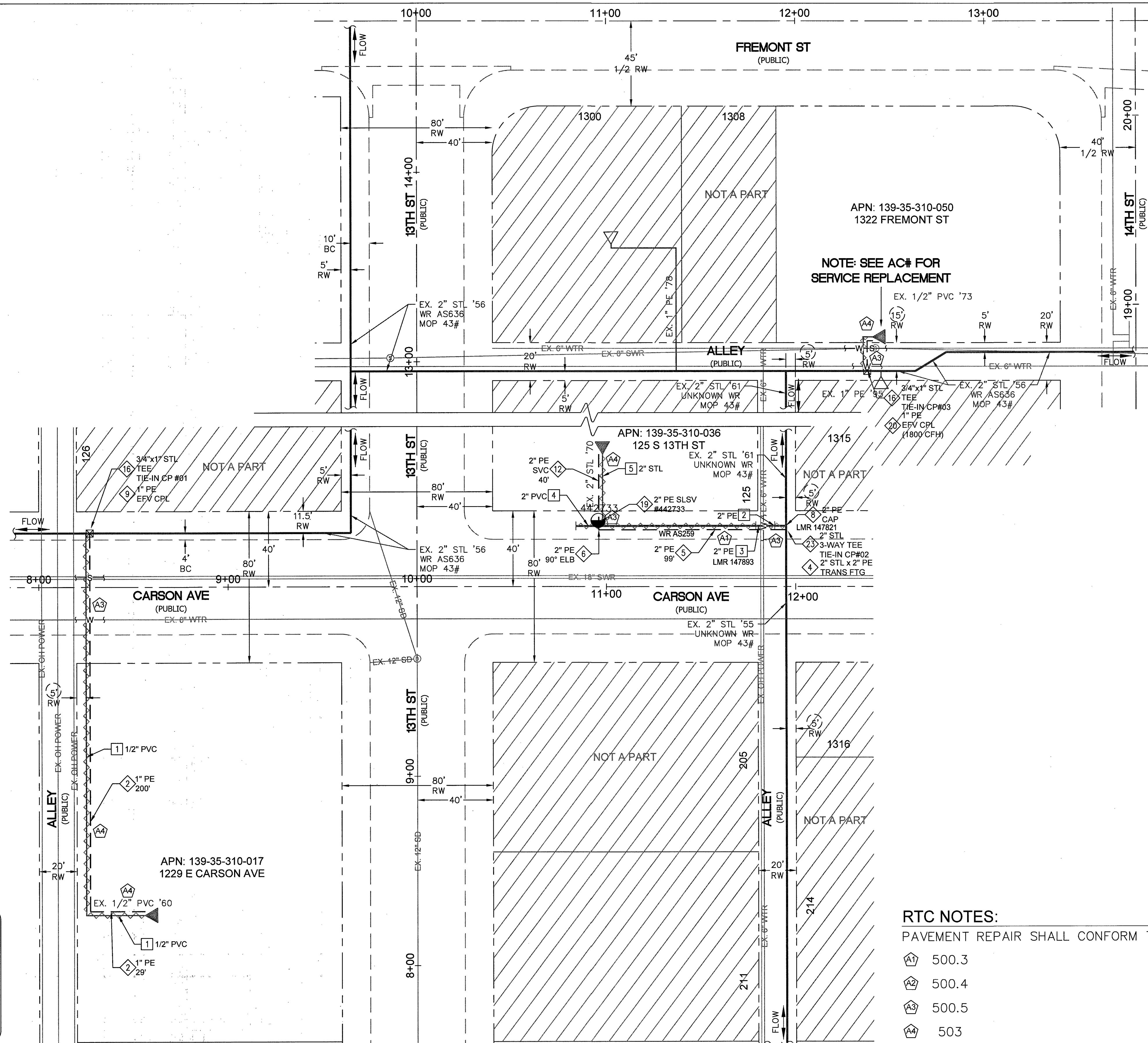
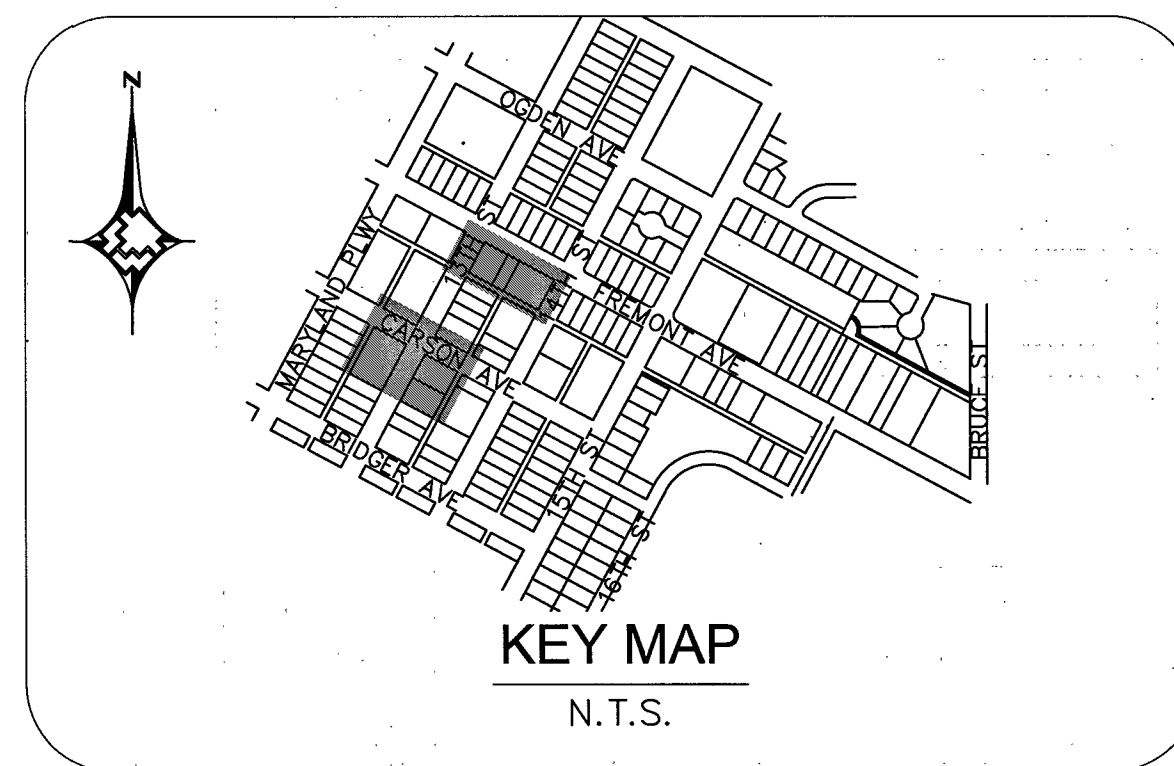
SIGNATURE _____

DATE _____

[illegible]



0 10' 30'
1" = 30'



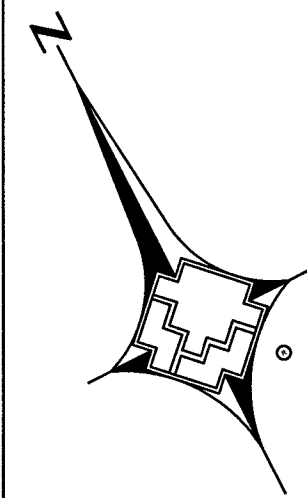
MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
1			ABANDON 1/2" PVC '60 SVC
2			ABANDON 2" PE '89 MOP 43#
3			ABANDON 2" PE '93 MOP 43#
4			ABANDON 2" PVC '70 MOP 43#
5			ABANDON 2" STL '70 SVC

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		101-8526	PROPOSED 1" PE SERVICE
4		160-8301	PROPOSED 2" STL X 2" PE TRANSITION FITTING
5		100-5101	PROPOSED 2" PE MAIN
6		140-3067	PROPOSED 2" PE 90° ELBOW
8		140-3060	PROPOSED 2" PE CAP
9		160-8403	PROPOSED 1" PE EFV COUPLING
11		160-9271	PROPOSED 2" EFV COUPLING (5,500 CFH)
12		100-5101	PROPOSED 2" PE SERVICE
16		160-7981	PROPOSED 3/4"x1" STL TEE
17		140-5373	PROPOSED 2" STL TEE
18		140-3301	PROPOSED 2" STL CAP
19		120-8605	PROPOSED 2" PE SLSV #442733
20		160-8405	PROPOSED 1" PE EFV COUPLING (1,800 CFH)
23		160-8000	PROPOSED 2" STL 3-WAY TAPPING TEE

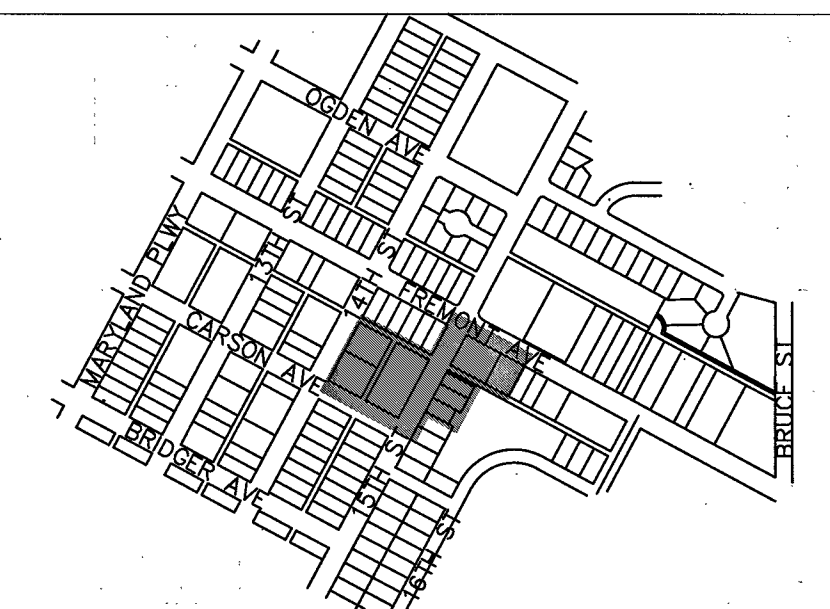
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC:
A1 500.3
A2 500.4
A3 500.5
A4 503



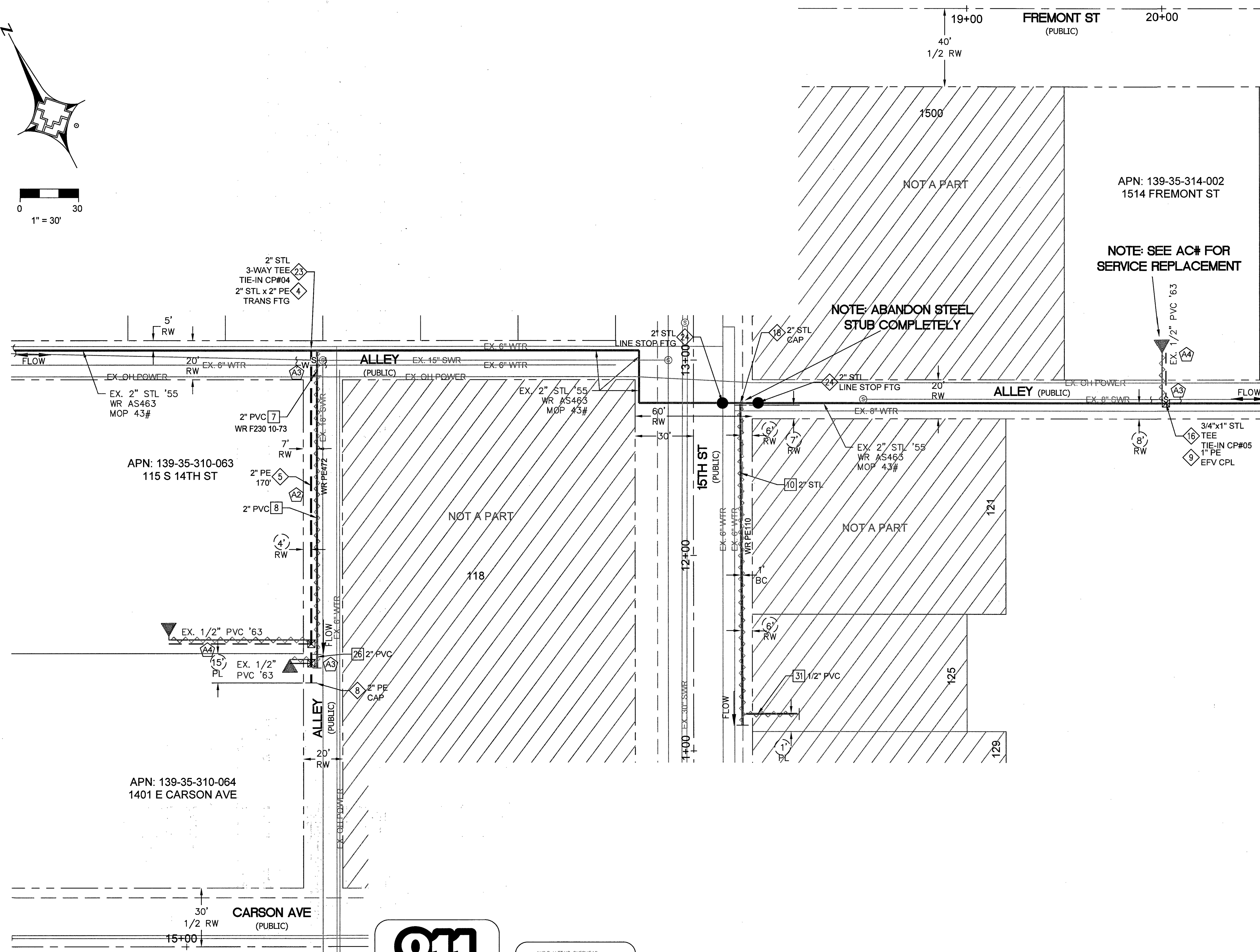
1. _____ 2. _____ 3. _____ 4. _____	NO. _____ DESCRIPTION _____ BY _____ DATE _____ APPVD. _____	REVISIONS	TAX CODES _____ UNIT NO. _____ UNIT TYPE _____ INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED	PROPERTY UNITS	AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (S) (STOP) _____ DATE (S) (STOP) _____ PERFORMED BY: _____ SWS 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 _____ SEE SHEET 3 AS-BUILTS ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QC'D BY _____ DATE _____	CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ SEE SHEET 3 PERMIT INFORMATION CITY OF LAS VEGAS TAX CODE: 02-0203	ISOLATION AREA DIST_293 LOCATION SEC 35 T20S R61E M.D.M.	W.R. NO. 3432774 ATLAS #/TITLE # x630y514 x633y514	ENGINEER/TECH: CHRIS ANDERSEN ACCOUNT REP: _____ PROJECT CONTACT: CHRIS ANDERSEN SHEET NO: 7 OF 13 DWN. BY: BC&F SCALE: 1" = 30' CHKD. BY: _____ DATE: 6/27/2018 APPVD. BY: _____ PHONE: 702-365-2139 PHONE: 702-365-2139	TITLE GIR 2018-DPI-CLV- CARSON AVE & 14TH ST DESIGN PLAN 1
--	--	-----------	---	----------------	--	--	--	---	--	---	---



0 30
1" = 30'



KEY MAP
N.T.S.



MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
7			ABANDON 2" PVC '73 MOP 43#
8			ABANDON 2" PVC '63 MOP 43#
10			ABANDON 2" STL '59 MOP 43#
26			ABANDON 2" PVC '74 MOP 43#

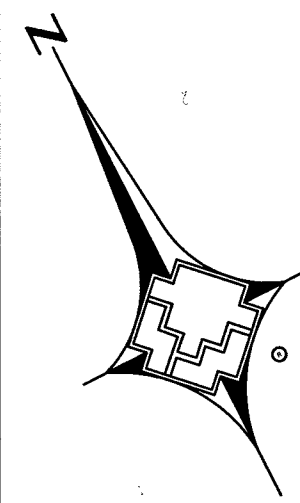
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		101-8526	PROPOSED 1" PE SERVICE
4		160-8162	PROPOSED 2" STL X 2" PE TRANSITION FITTING
5		100-5101	PROPOSED 2" PE MAIN
8		140-3060	PROPOSED 2" PE CAP
9		160-8403	PROPOSED 1" PE EFV COUPLING
16		160-7981	PROPOSED 3/4"x1" STL TEE
17		140-5373	PROPOSED 2" STL TEE
18		140-3301	PROPOSED 2" STL CAP
23		160-8000	PROPOSED 2" STL 3-WAY TAPPING TEE
24		160-7640	PROPOSED 2" STL LINE STOPPER FITTING

RTC NOTES:

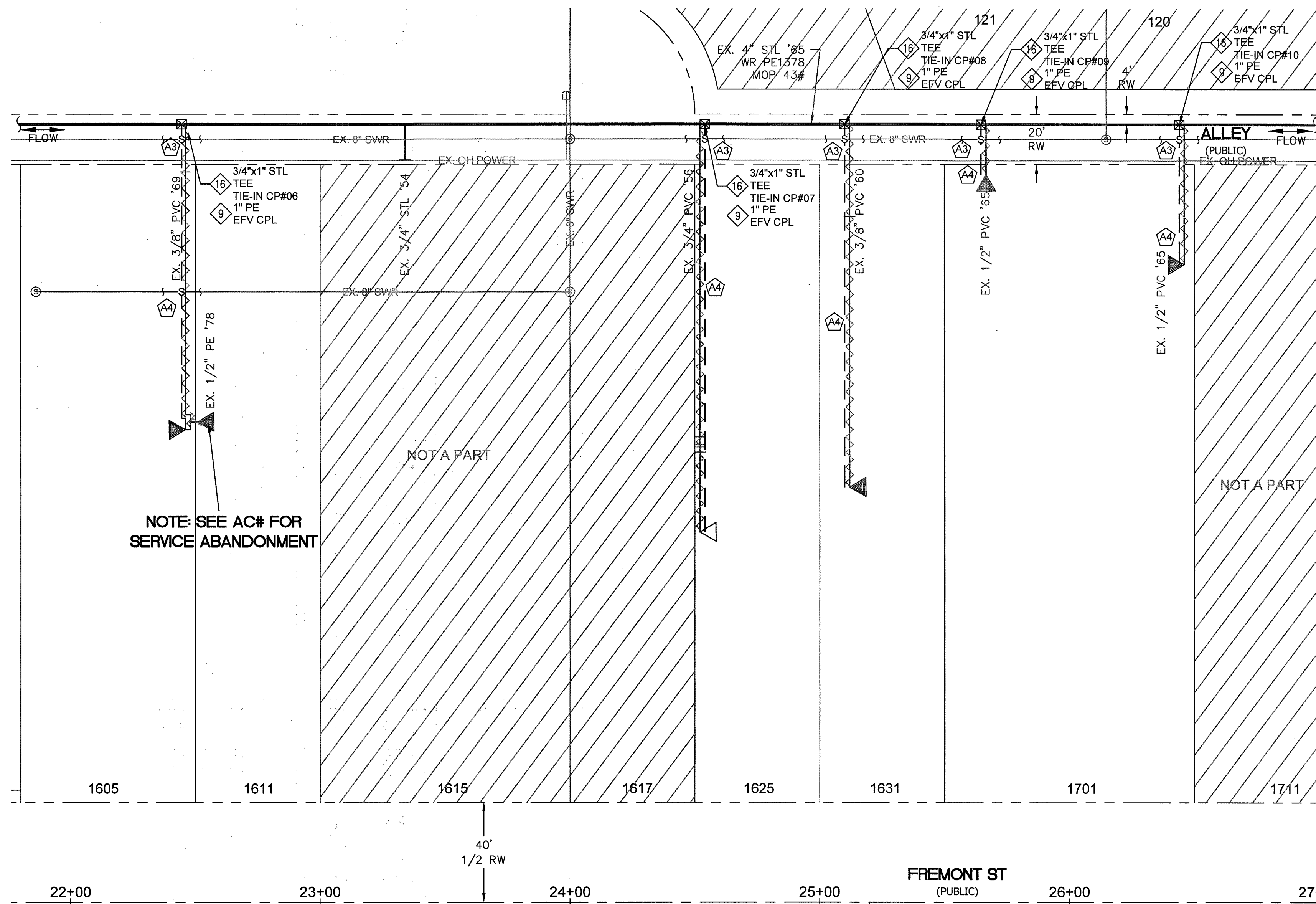
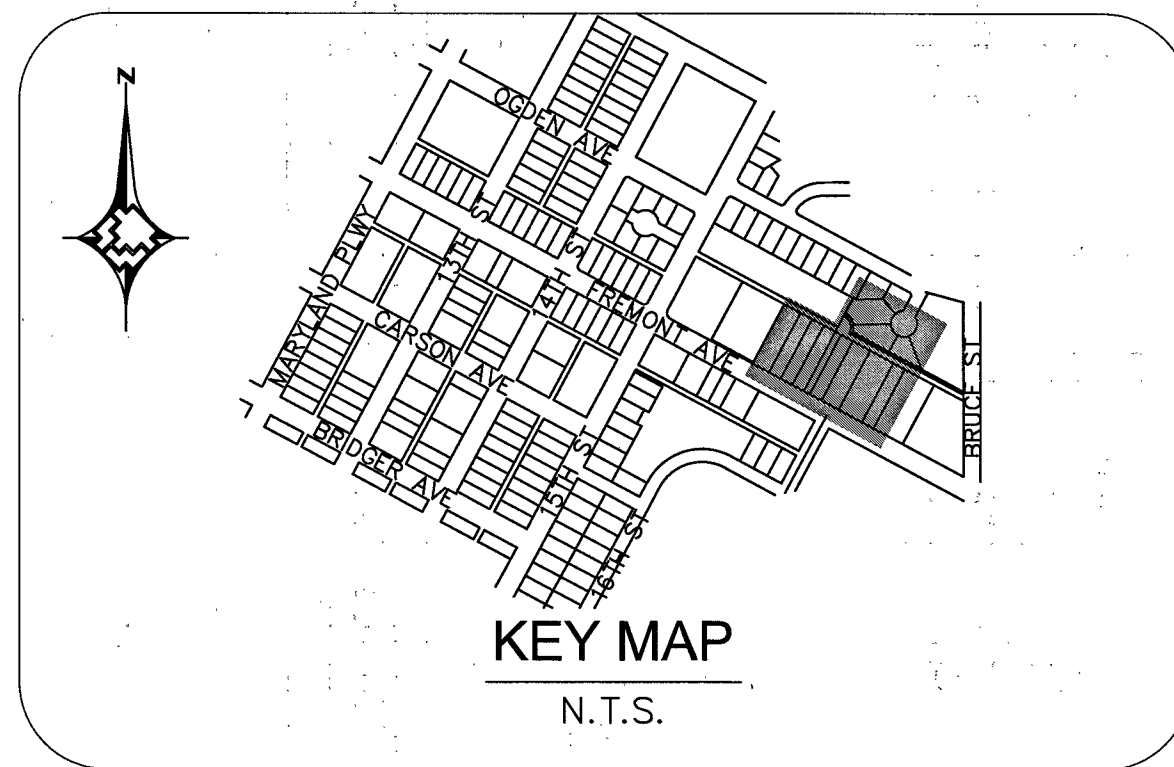
PAVEMENT REPAIR SHALL CONFORM TO RTC:

- A1 500.3
- A2 500.4
- A3 500.5
- A4 503

1. NO.	DESCRIPTION	BY	DATE	APPVD
2.				
3.				
4.				
REVISIONS				
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED
PROPERTY UNITS				
SEE SHEET 3				
AS-BUILT DRAWING-PRESSURE TEST DATA				
PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____				
PIPE LENGTH _____ GAUGE _____				
PIPE TYPE _____ NITROGEN _____ CHART _____				
MIN. DURATION _____ WATER _____ GAUGE/ PRESS REC SN# _____				
TEST PRES. (PSIG) (MAX) _____ (MIN) _____				
TIME (HRS) _____ (STOP) _____				
DATE (START) _____ (STOP) _____				
PERFORMED BY: _____				
SWS 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 _____				
SEE SHEET 3				
CONSTRUCTION				
INSPECTOR _____				
FOREMAN _____				
REVIEWED BY _____				
PERMIT INFORMATION				
CITY OF LAS VEGAS				
TAX CODE: 02-0203				
ISOLATION AREA				
DIST_293				
W.R. NO.				
3432774				
ENGINEER/TECH: CHRIS ANDERSEN				
PHONE: 702-365-2139				
ACCOUNT REP:				
PHONE: 702-365-2139				
PROJECT CONTACT: CHRIS ANDERSEN				
SHEET NO: 8 OF 13				
SCALE: 1" = 30'				
DATE: 6/27/2018				
DWN. BY: BC&F				
CHKD. BY: _____				
APPVD. BY: _____				
TITLE				
GIR 2018-DPI-CLV-				
CARSON AVE & 14TH ST				
DESIGN PLAN 2				

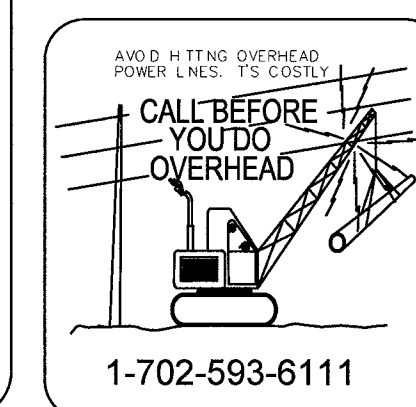
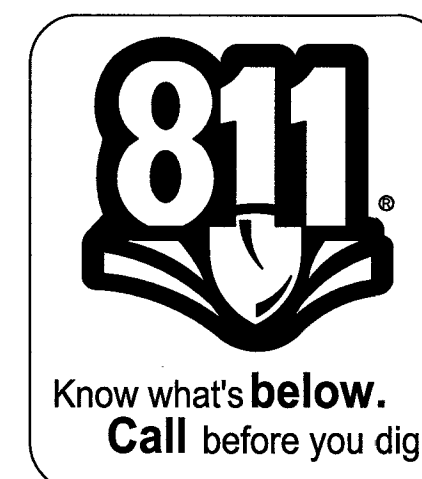


0 1" = 30' 30



MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION

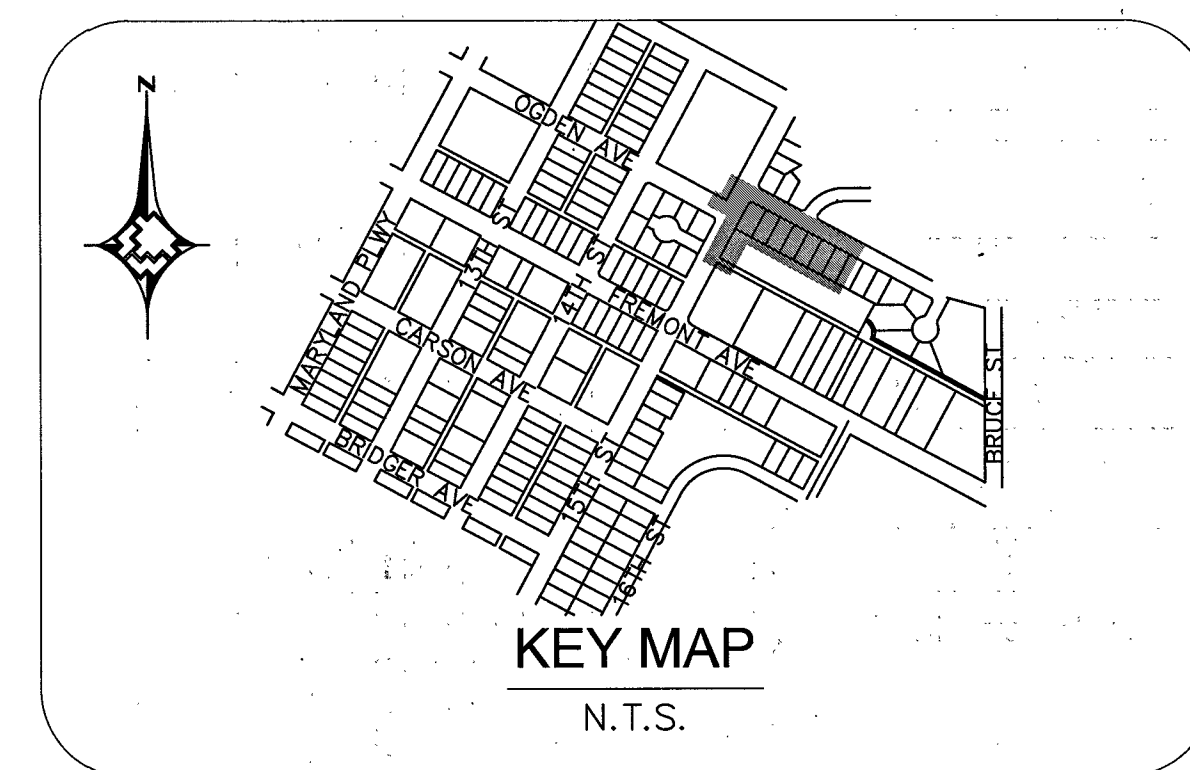
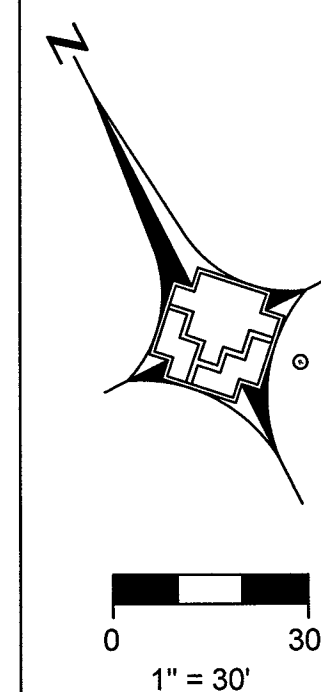
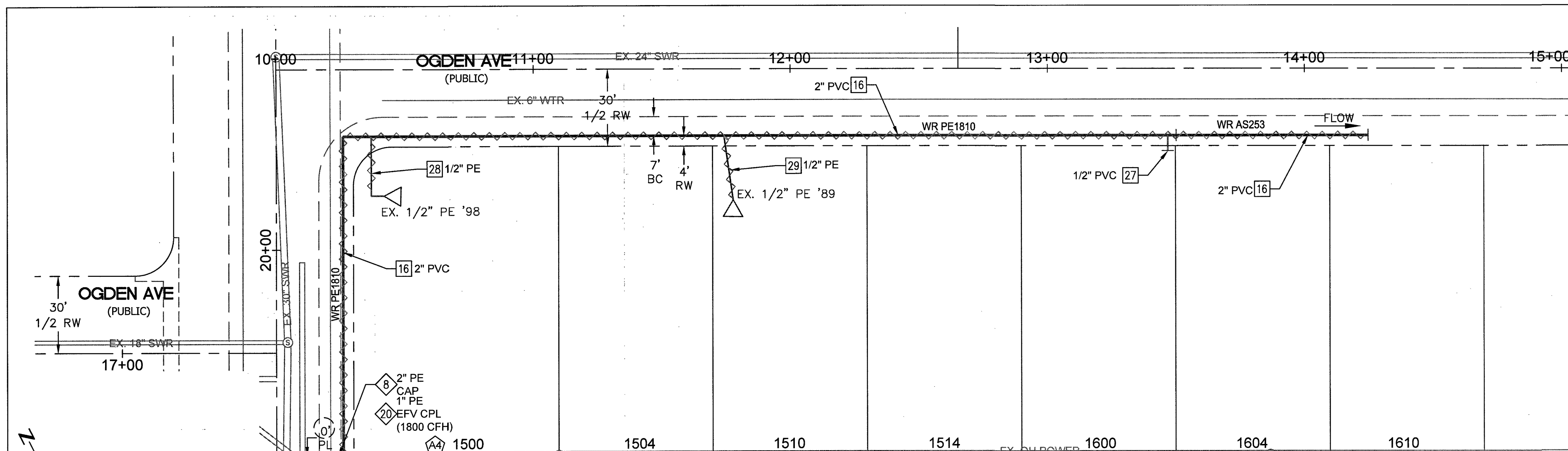
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		101-8526	PROPOSED 1" PE SERVICE
9		160-8403	PROPOSED 1" PE EFV COUPLING
13		850-9353	PROPOSED 1" PE TEE
16		160-7981	PROPOSED 3/4"x1" STL TEE



RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC:

- A1 500.3
- A2 500.4
- A3 500.5
- A4 503

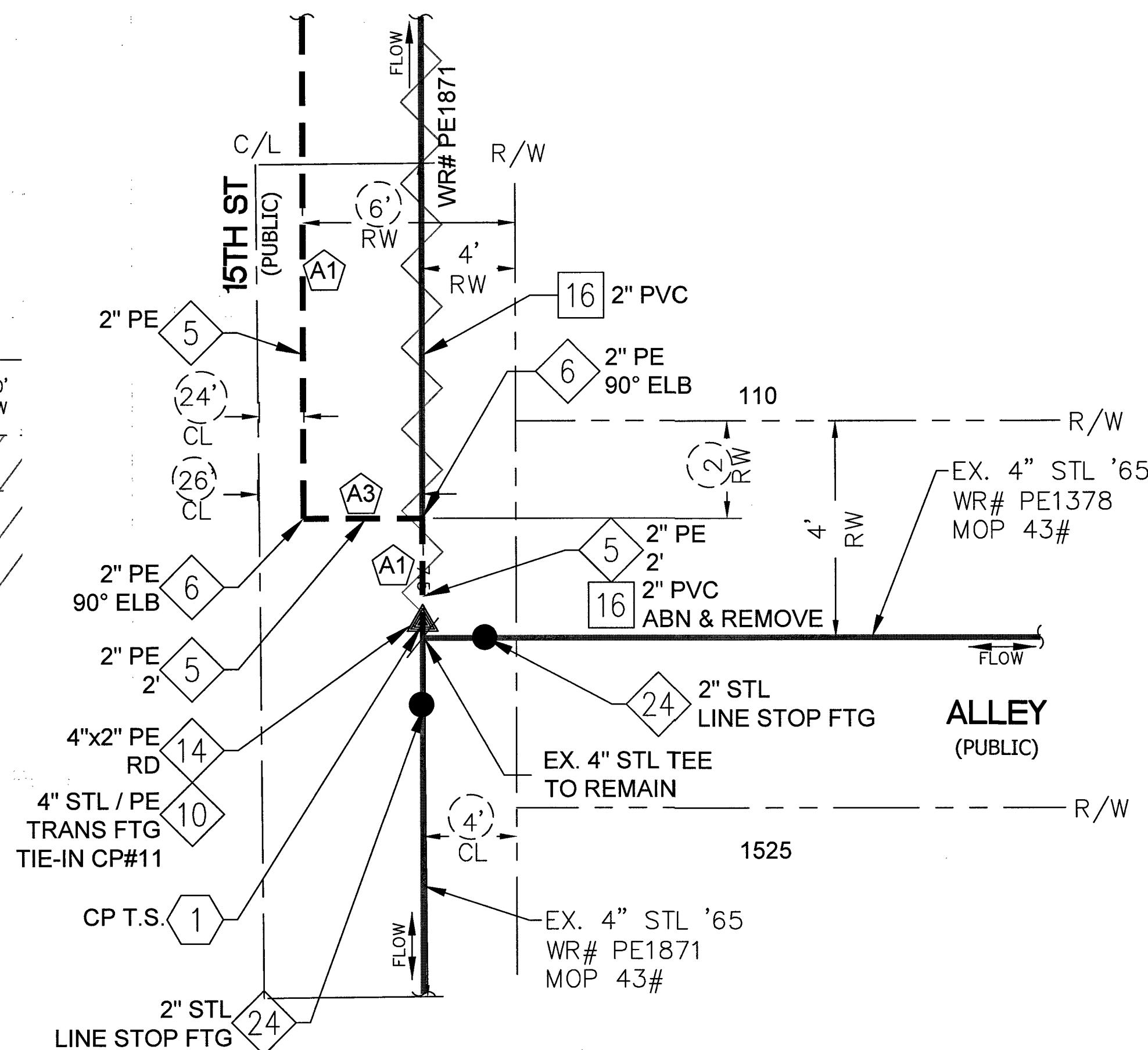
1. 2. 3. 4. NO. DESCRIPTION BY DATE APPVD	AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____ PIPE LENGTH _____ ☐ AIR ☐ GAUGE PIPE TYPE _____ ☐ NITROGEN ☐ CHART MIN. DURATION _____ ☐ WATER ☐ GAUGE/ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (H:MM) (STOP) _____ DATE (START) (STOP) _____ PERFORMED BY: _____ SING 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 _____ SEE SHEET 3 INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ CONSTRUCTION CITY OF LAS VEGAS TAX CODE: 02-0203 PERMIT INFORMATION AS-BUILTS ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QCD BY _____ DATE _____	ISOLATION AREA DIST_293 W.R. NO. 3432774 LOCATION SEC 35 T20S R61E M.D.M. ATLAS #/TILE # x630y514 x633y514	ENGINEER/TECH: CHRIS ANDERSEN ACCOUNT REP: _____ PROJECT CONTACT: CHRIS ANDERSEN SHEET NO: 9 OF 13 DWN. BY: BC&F SCALE: 1" = 30' CHKD. BY: _____ DATE: 6/27/2018 APPVD. BY: _____ PHONE: 702-365-2139 PHONE: 702-365-2139 TITLE GIR 2018-DPI-CLV- CARSON AVE & 14TH ST DESIGN PLAN 3
REVISIONS SOUTHWEST GAS CORPORATION	PROPERTY UNITS TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED	SEE SHEET 3	SEE SHEET 3	SEE SHEET 3



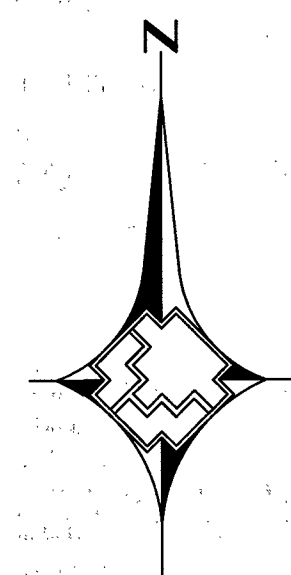
MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
16			ABANDON 2" PVC '67 MOP 43#
27			ABANDON 1/2" PVC '67 SVC
28			ABANDON 1/2" PE '98 SVC
29			ABANDON 1/2" PE '89 SVC

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		101-8526	PROPOSED 1" PE SERVICE
5		100-5101	PROPOSED 2" PE MAIN
6		140-3067	PROPOSED 2" PE 90° ELBOW
8		140-3060	PROPOSED 2" PE CAP
10		160-8163	PROPOSED 4" STL X 4" PE TRANSITION FITTING
14		140-5118	PROPOSED 4" X 2" PE REDUCER
20		160-8405	PROPOSED 1" PE EFV COUPLING (1,800 CFH)
24		160-7640	PROPOSED 2" STL LINE STOPPER FITTING

MATERIAL LIST FOR PROPOSED STL FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		251-2406	PROPOSED 5-TERM CP TEST STATION



DETAIL "A"
NTS



NO.	DESCRIPTION	BY	DATE	APPVD
REVISIONS				

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

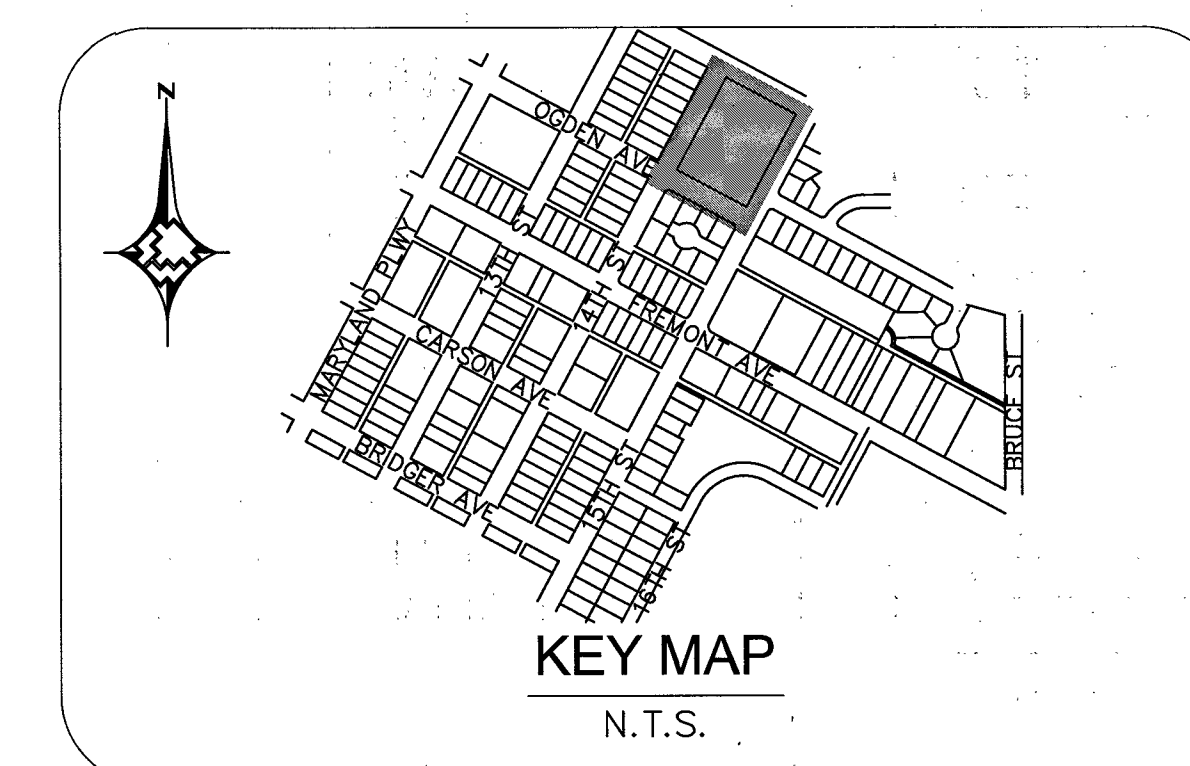
AS-BUILT DRAWING-PRESSURE TEST DATA			
PIPE DIA.	TEST MEDIUM	TEST METHOD	
PIPE LENGTH	☐ AIR ☐ NITROGEN	☐ GAUGE ☐ CHART	
PIPE TYPE	☐ WATER ☐ SOAP	☐ GAUGE/ PRESS REC SN#	
MIN. DURATION	TEST PRES. (PSIG): (MAX)	(MIN)	
	TIME: (H) (STOP)	(STOP)	
	DATE: (START)	(STOP)	
PERFORMED BY:			
SVGS VERIFIED BY:			

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
SEE SHEET 3	
AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QC'D BY	DATE

CONSTRUCTION	
INSPECTOR	FOREMAN
REVIEWED BY	DATE
SEE SHEET 3	
PERMIT INFORMATION	
CITY OF LAS VEGAS TAX CODE: 02-0203	

ISOLATION AREA	W.R. NO.
DIST_293	3432774
LOCATION	ATLAS #/TILE #
SEC 35 T20S R61E M.D.M.	x630y514 x633y514

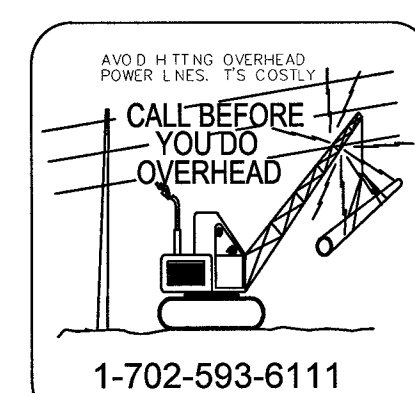
ENGINEER/TECH: CHRIS ANDERSEN	PHONE: 702-365-2139
ACCOUNT REP:	PHONE:
PROJECT CONTACT: CHRIS ANDERSEN	PHONE: 702-365-2139
SHEET NO: 10 OF 13	SCALE: 1" = 30'
DWN. BY: BC&F	CHKD. BY:
DATE: 6/27/2018	APPVD. BY:
TITLE	
GIR 2018-DPI-CLV-CARSON AVE & 14TH ST DESIGN PLAN 4	

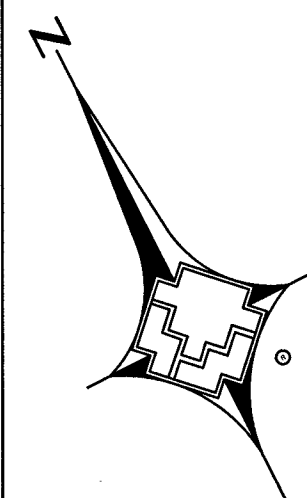


MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
18			ABANDON 2" PVC '66 MOP 43#
19			ABANDON 2" STL '56 MOP 43#
20			ABANDON 2" PE '98 MOP 43#

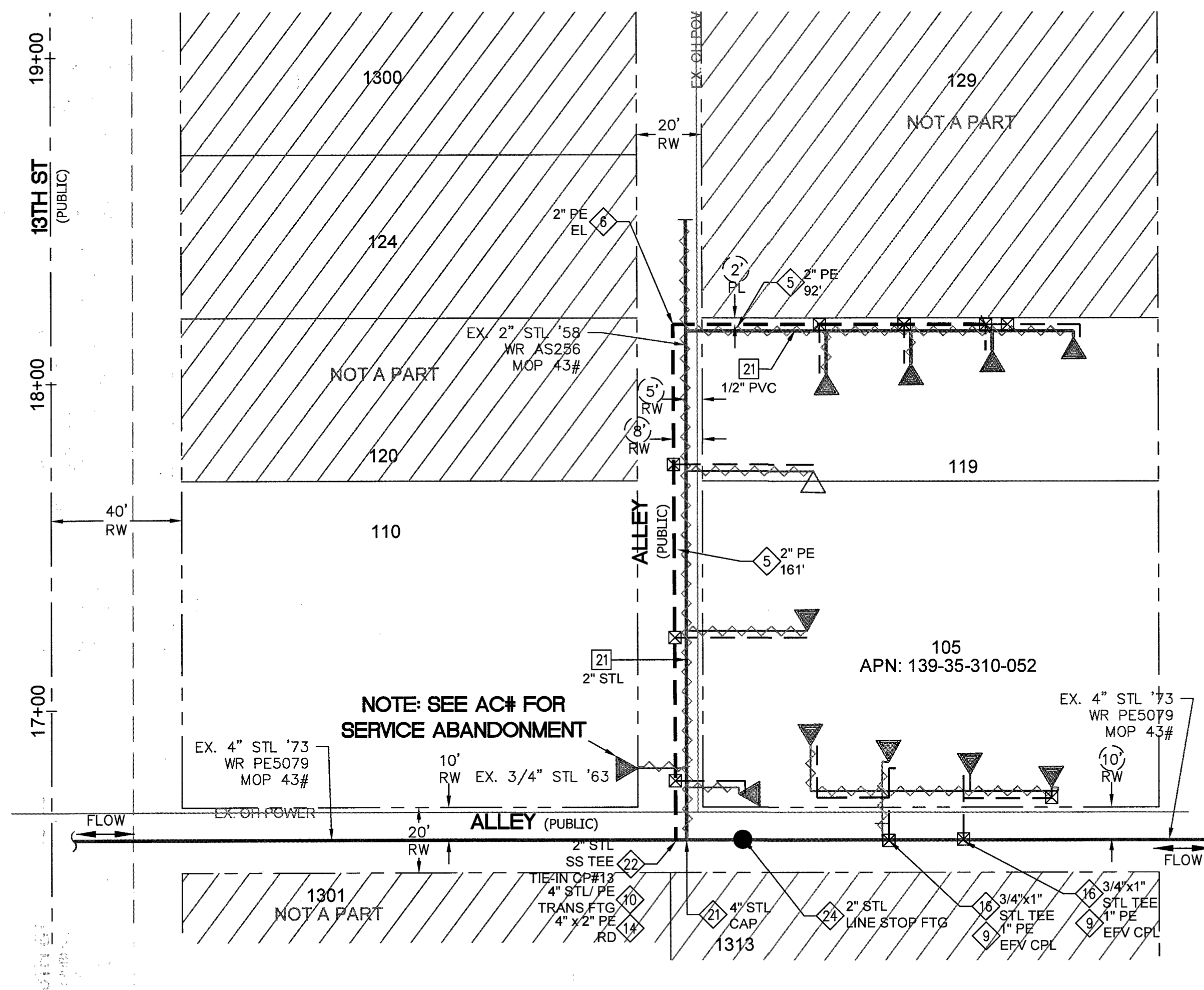
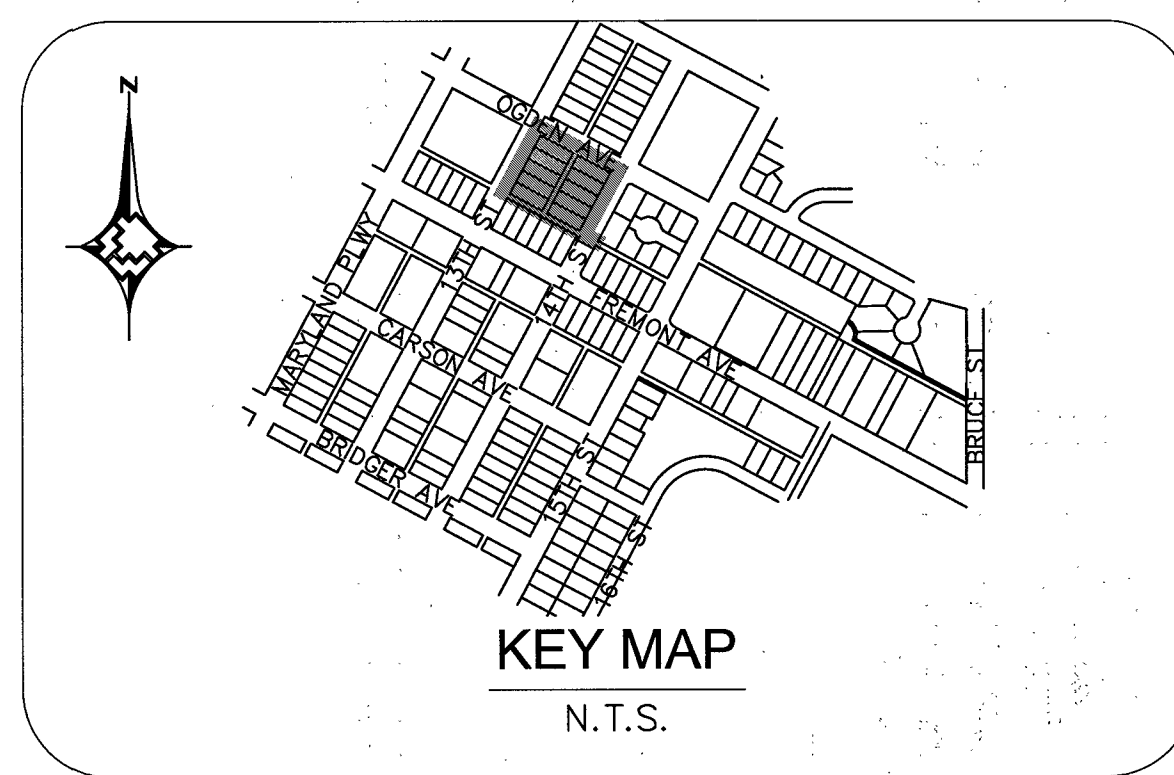
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		101-8526	PROPOSED 1" PE SERVICE
5		100-5101	PROPOSED 2" PE MAIN
6		140-3067	PROPOSED 2" PE 90° ELBOW
8		140-3060	PROPOSED 2" PE CAP
10		160-8163	PROPOSED 4" STL X 4" PE TRANSITION FITTING
14		140-5118	PROPOSED 4" X 2" PE REDUCER
20		160-8405	PROPOSED 1" PE EFV COUPLING (1,800 CFH)
23		160-8000	PROPOSED 2" STL 3-WAY TAPPING TEE

MATERIAL LIST FOR PROPOSED STL FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
①		251-2406	PROPOSED 5-TERM CP TEST STATION

[illegible]



0 1" = 30' 30



MATERIAL LIST FOR ABANDONED FACILITIES			
ITEM#	QTY. (AS-BUILT)	PROPERTY UNIT #	DESCRIPTION
21			ABANDON 1/2" PVC '58 SVC
24			ABANDON 1/2" PVC '64 SVC
25			ABANDON 3/4" PVC '69 SVC
30			ABANDON 2" STL '58 MOP 43#

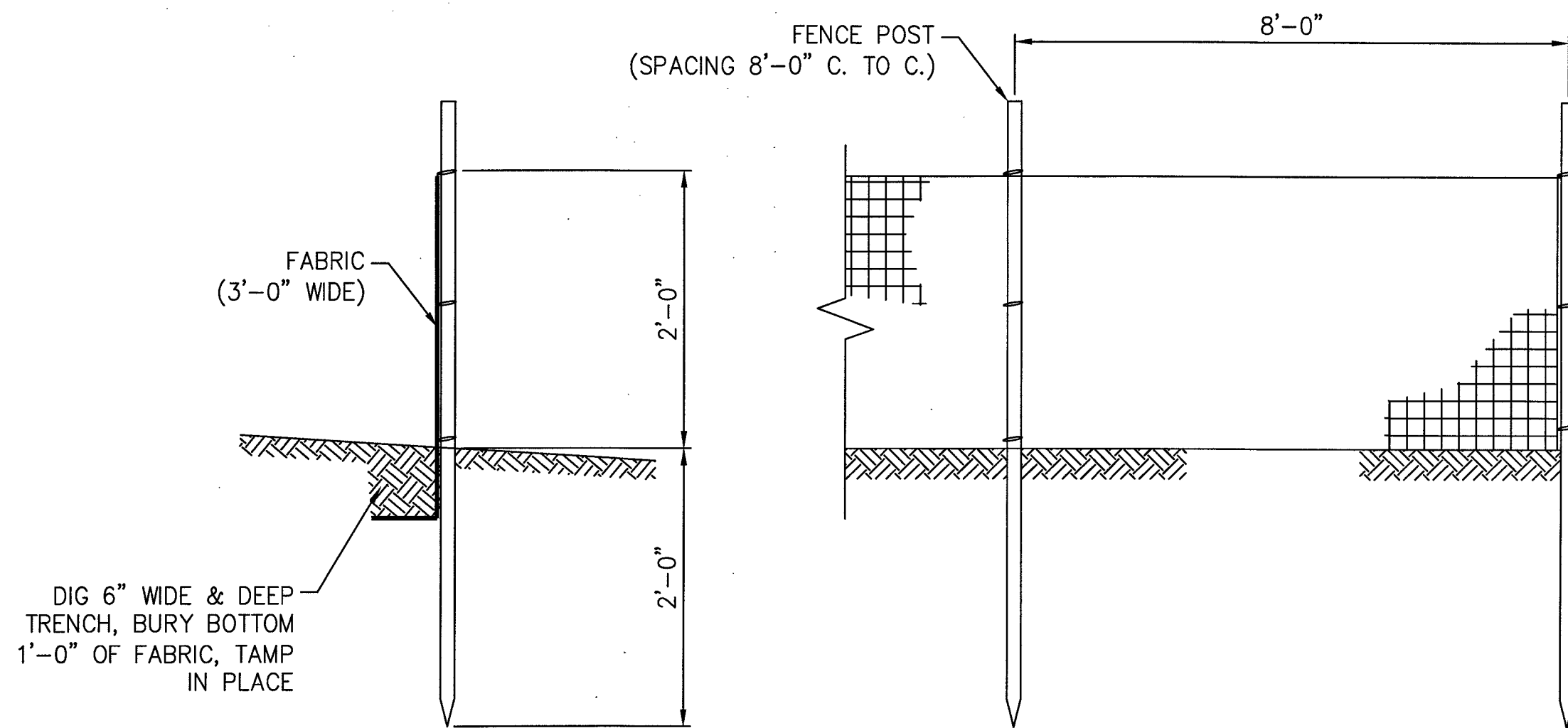
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
2		101-8526	PROPOSED 1" PE SERVICE
5		100-5101	PROPOSED 2" PE MAIN
6		140-3067	PROPOSED 2" PE 90° ELBOW
8		140-3060	PROPOSED 2" PE CAP
9		160-8403	PROPOSED 1" PE EFV COUPLING
10		160-8163	PROPOSED 4" STL X 4" PE TRANSITION FITTING
14		140-5118	PROPOSED 4" X 2" PE REDUCER
15		140-3074	PROPOSED 2" PE TEE
16		160-7981	PROPOSED 3/4"x1" STL TEE
21		140-3205	PROPOSED 4" STL CAP
22		160-8018	PROPOSED 2" STL 3-WAY SHORTSTOPP TEE
24		160-7640	PROPOSED 2" STL LINE STOPPER FITTING



RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC:
A1 500.3
A2 500.4
A3 500.5
A4 503

1. _____ 2. _____ 3. _____ 4. _____				AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____ PIPE LENGTH _____ ☐ AIR ☐ GAUGE PIPE TYPE _____ ☐ NITROGEN ☐ CHART PIPE TYPE _____ ☐ WATER ☐ GAUGE/ MIN. DURATION _____ SOAP PRESS REC SN# TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (S) (STOP) _____ (STOP) _____ DATE (PART) _____ (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 _____ SEE SHEET 3 AS-BUILTS ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QCD BY _____ DATE _____				CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ PERMIT INFORMATION CITY OF LAS VEGAS TAX CODE: 02-0203		ISOLATION AREA DIST_293 LOCATION SEC 35 T20S R61E M.D.M.		W.R. NO. 3432774 ATLAS #/TITLE # x630y514 x633y514		ENGINEER/TECH: CHRIS ANDERSEN ACCOUNT REP: _____ PROJECT CONTACT: CHRIS ANDERSEN SHEET NO: 12 OF 13 DWN. BY: BC&F SCALE: 1" = 30' CHKD. BY: _____ PHONE: 702-365-2139 PHONE: 702-365-2139 DATE: 6/27/2018 APPVD. BY: _____	
REVISIONS NO. DESCRIPTION BY DATE APPVD				PROPERTY UNITS TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED				GIR 2018-DPI-CLV- CARSON AVE & 14TH ST DESIGN PLAN 6											

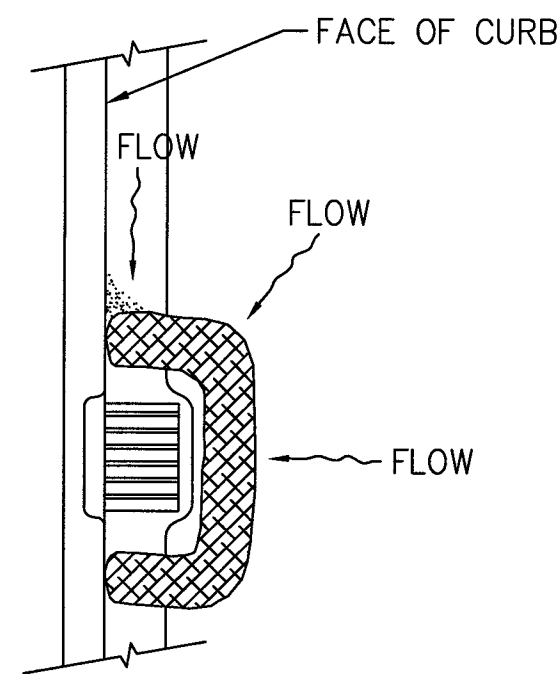
TYPICAL SWPPP BMPs DETAILS



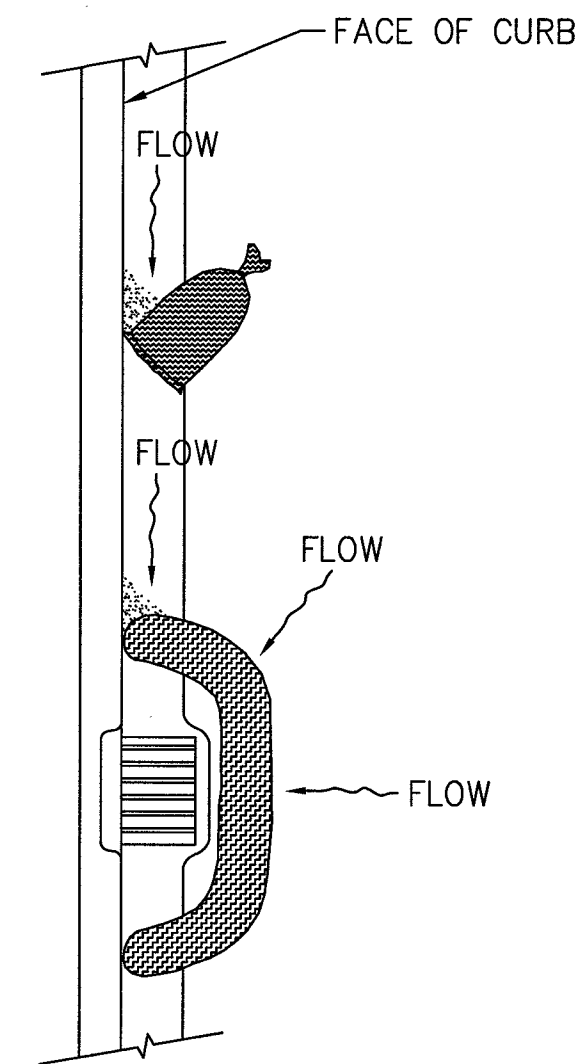
1
11

SILT FENCE

NOT TO SCALE

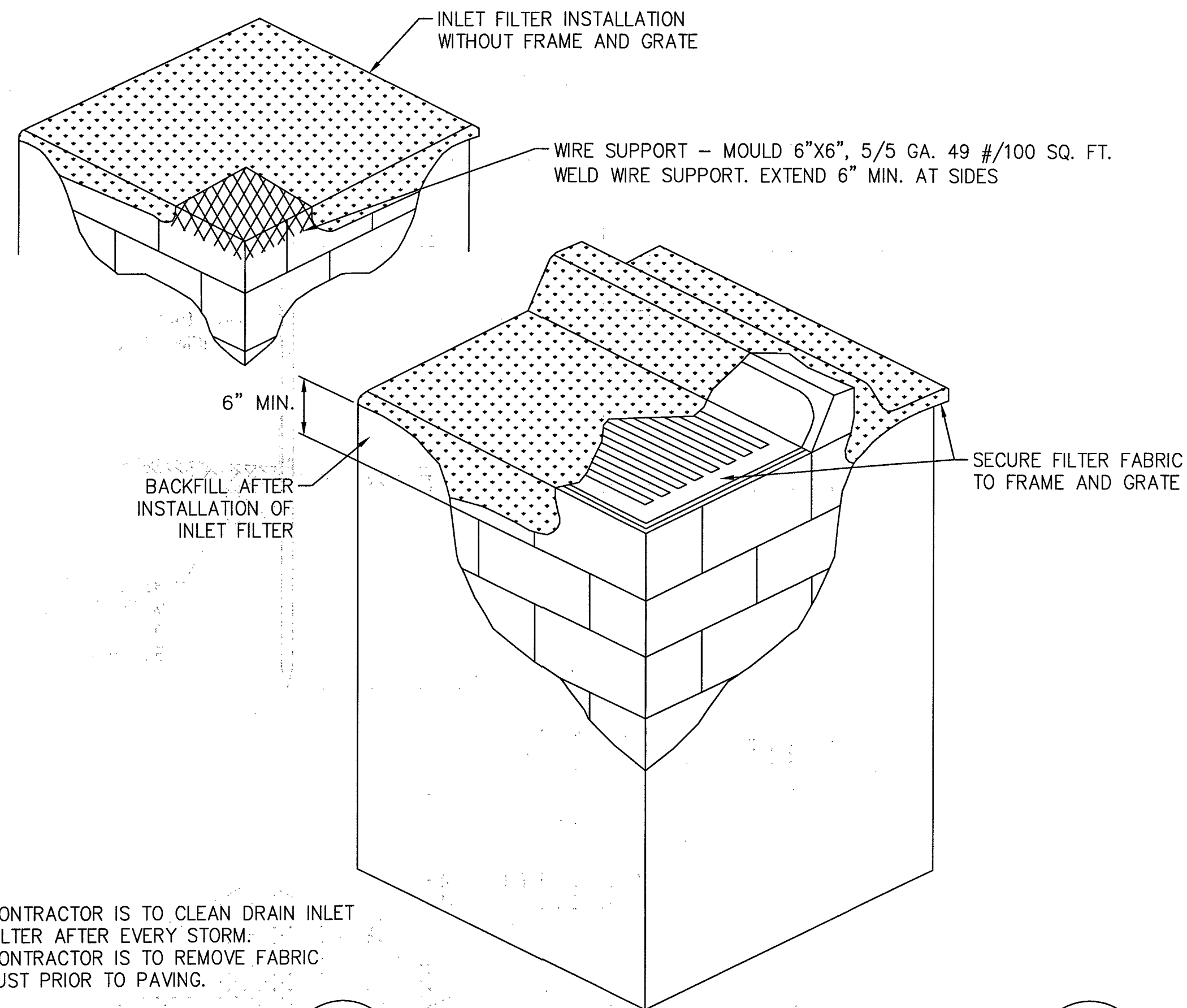


2 FIBER ROLL
11 NOT TO SCALE

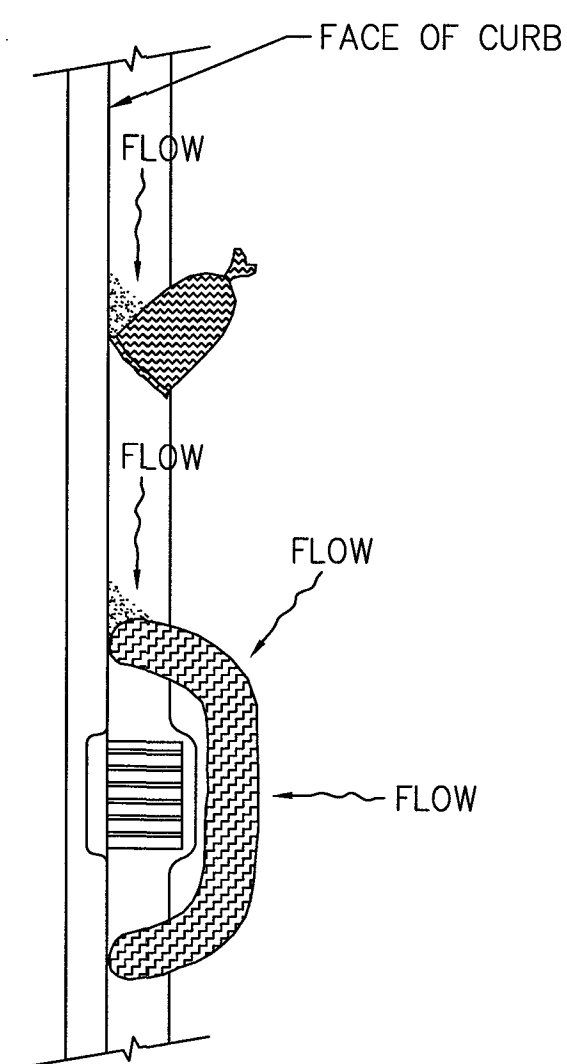


3 SAND BAG / ROLL
11 NOT TO SCALE

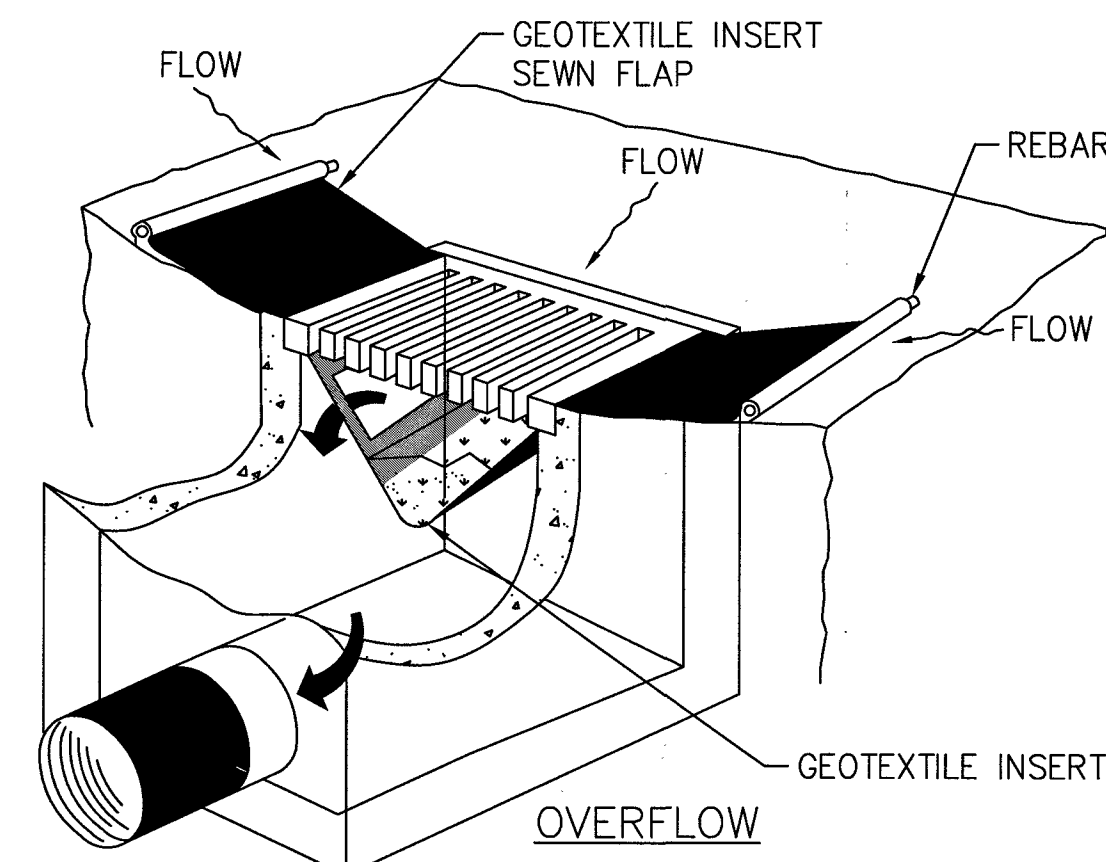
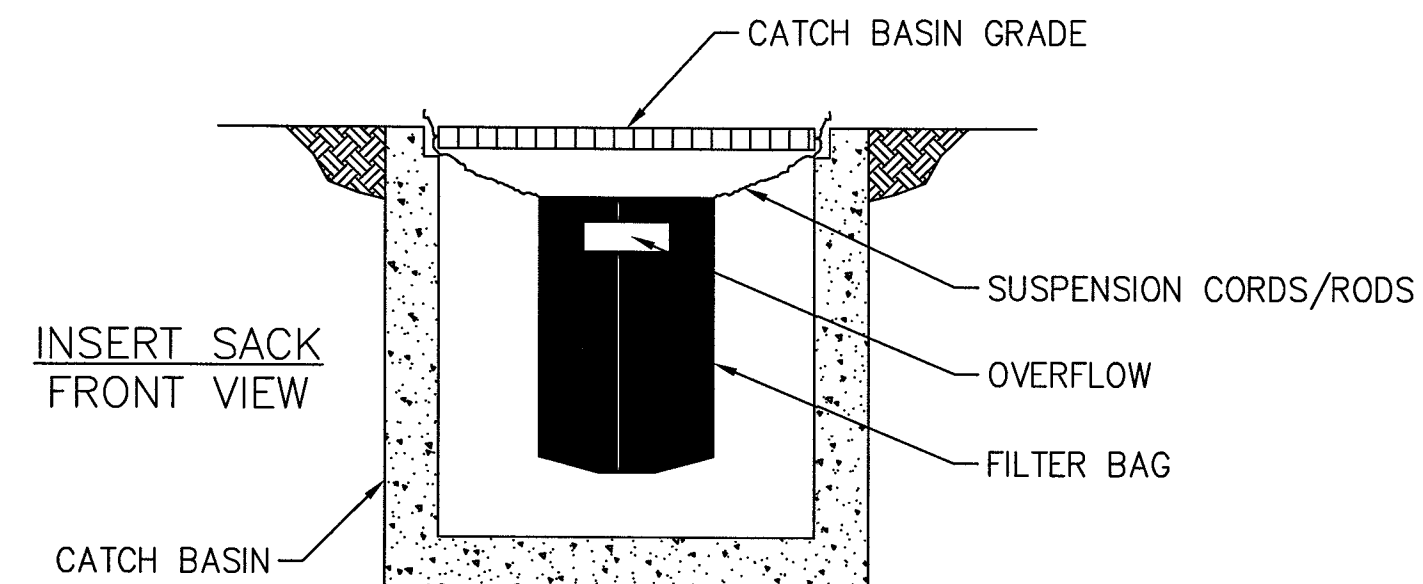
1. SOUTHWEST GAS CORPORATION, IT'S CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL INSTALL ONE OF THE APPROPRIATE BMPs FOR THE PROTECTION OF EXISTING STORM DRAIN INLETS, WITHIN OR SIGNIFICANTLY NEAR ANY IMPROVED RIGHT-OF-WAY, FROM DEBRIS AND SEDIMENT RESULTING FROM CONSTRUCTION OF NATURAL GAS FACILITIES.
2. SOUTHWEST GAS CORPORATION, IT'S 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.
3. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF SOUTHWEST GAS CORPORATION, IT'S 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.
4. 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.



4 DRAIN INLET FILTER
11 NOT TO SCALE



5 GRAVEL BAG / ROLL
11 NOT TO SCALE



NOTE:
RECESSED CURB INLET MUST BE BLOCKED WHEN USING FILTER FABRIC INLET SACKS.
SIZE OF FILTER FABRIC INLET SACK TO BE DETERMINED BY MANUFACTURER.

6 SEDIMENT FILTER BAG
11 NOT TO SCALE

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

[illegible]

AS-BUILT DRAWING-PRESSURE TEST DATA

	TEST METHOD	TEST METHOD
PIPE DIA _____	☐ AIR	☐ GAUGE
PIPE LENGTH _____	☐ NITROGEN	☐ CHART
PIPE TYPE _____	☐ WATER	☐ GAUGE/
MIN DURATION _____	☐ SOAP	☐ PRESS REC SN# _____
TEST PRES. (PSIG) (MAX) _____	(MIN) _____	
TIME (HOURS) _____	(STOP) _____	
DATE (START) _____	(STOP) _____	
PERFORMED BY: _____		
DWS VERIFIED BY: _____		

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 QCD BY _____	DATE _____

CONSTRUCTION	
INSPECTOR	_____
FOREMAN	_____
REVIEWED BY	_____
SEE SHEET 3	
PERMIT INFORMATION	
CITY OF LAS VEGAS	
TAX CODE: 02-0203	

ISOLATION AREA	W.R. NO.
DIST_293	3432774
LOCATION	ATLAS #/TILE #
SEC 35 T20S R61E M.D.M.	x630y514 x633y514

ENGINEER/TECH: CHRIS ANDERSEN		PHONE: 702-365-2139
ACCOUNT REP:		PHONE:
PROJECT CONTACT: CHRIS ANDERSEN		PHONE: 702-365-2139
SHEET NO: 13 OF 13	SCALE: NTS	DATE: 6/27/2018
DWN. BY: BC&F	CHKD. BY:	APPVD. BY:
TITLE		
GIR 2018-DPI-CLV- CARSON AVE & 14TH ST TYPICAL SWPPP BMPs DETAILS		

