

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1	10,308'		100-5101	PROPOSED 2" PE MAIN
2	16		140-3074	PROPOSED 2"x2" PE TEE
3	6		140-3060	PROPOSED 2" PE CAP
4	10		140-3067	PROPOSED 2" PE 90° ELBOW
5	1		140-3504	PROPOSED 2" METFIT COUPLING
6	102'		101-8526	PROPOSED 1" PE SERVICE
7	364'		101-8501	PROPOSED 1/2" PE SERVICE
8				PROTECT EX VALLEY GUTTER IN PLACE, BORE, DO NOT CUT
9				ROPE PROPOSED 2" PE
10	1		140-3444	PROPOSED 4" PE COUPLING
11	1		140-5118	PROPOSED 4" X 2" PE REDUCER
12	1		160-8171	PROPOSED 2" X 2" HVTT
13	1		850-8823	PROPOSED 1" PE COUPLING LYCO RWLY
14	1		120-8605	PROPOSED ISO VALVE #426104
15	1		140-3071	PROPOSED 2" X 1/2" PE REDUCER
16	-		850-8830	PROPOSED 1" X 1/2" PE REDUCER
17	2		850-9014	PROPOSED 1" PE 90° ELBOW

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1	2,248'		100-5101	PROPOSED 2" PE MAIN
2	1		140-3074	PROPOSED 2"x2" PE TEE
3	1		140-3060	PROPOSED 2" PE CAP
4	11		140-3067	PROPOSED 2" PE 90° ELBOW
5	4		140-3504	PROPOSED 2" METFIT COUPLING
6	587'		101-8526	PROPOSED 1" PE SERVICE
7	592'		101-8501	PROPOSED 1/2" PE SERVICE
15	1		140-3071	PROPOSED 2" X 1/2" PE REDUCER

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1	7,916'		3760602	ABANDON EX. 2" PVC '64 MOP 43#
2	63'		3760102	ABANDON EX. 2" PE '78 MOP 43#
3	235'		3760102	ABANDON EX. 2" PE '87 MOP 43#
4	22'		3760102	ABANDON EX. 2" PE '75 MOP 43#
5	139'		3760602	ABANDON EX. 2" PVC '73 MOP 43#
6	1,000'		3760602	ABANDON EX. 2" PVC '68 MOP 43#
8	25'		3760602	ABANDON EX. 2" PVC '67 MOP 43#
12	457'		3760602	ABANDON EX. 2" PVC '65 MOP 43#
13	18'		3760102	ABANDON EX. 2" PE '86 MOP 43#
15	449'		3760602	ABANDON EX. 2" PVC '69 MOP 43#
16	1			ABANDON EX. 2" NON-ESSENTIAL BALL VALVE #NE00000
17	1			ABANDON EX. 1" NON-ESSENTIAL PLUG VALVE #NE00000
19	1			ABANDON EX. 1" NON-ESSENTIAL BALL VALVE #2125403
20	100'		3800601	ABANDON EX. 3/4" PVC '57 (SVC)
21	264'		3800601	ABANDON EX. 1" PVC '71 (SVC)
23	25'		3760202	ABANDON EX. 2" STL '67 MOP 43#
24	190'		3800601	ABANDON EX. 3/4" PVC '56 (SVC)
25	1,282'		3800601	ABANDON EX. 1/2" PVC '64 (SVC)
26	295'		3800601	ABANDON EX. 1/2" PVC '69 (SVC)
27	309'		3760602	ABANDON EX. 2" PVC '69 MOP 43#
28	82'		3800601	ABANDON EX. 1/2" PVC '72 (SVC)
29	26'		3800101	ABANDON EX. 1/2" PE '71 (SVC)
30	3'		3800601	ABANDON EX. 1/2" PVC '68 (SVC)
31	49'		3800601	ABANDON EX. 1/2" PVC '65 (SVC)
32	5'		3800101	ABANDON EX. 1" PE '10 (SVC)
33	4'		3760202	ABANDON EX. 2" STL '56 MOP 43#
36	178'		3800101	ABANDON EX. 1/2" PE '92 (SVC)

MATERIAL LIST FOR ABAND. FACILITIES (CONT'D) (TAX CODE: 02-0200)

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
40	22'		3760202	ABANDON EX. 2" STL '65 MOP 43#
42	5'		3800201	ABANDON EX. 3/4" STL '71 (SVC)
43	5'		3760602	ABANDON EX. 2" PE '02 MOP 43#
44	2'		3800601	ABANDON AND REMOVE EX. 1" PVC '71 (SVC)

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
5	4'		3760602	ABANDON EX. 2" PVC '73 MOP 43#
6	231'		3760602	ABANDON EX. 2" PVC '68 MOP 43#
7	639'		3760602	ABANDON EX. 2" PVC '66 MOP 43#
8	469'		3760602	ABANDON EX. 2" PVC '67 MOP 43#
9	2'		3760602	ABANDON EX. 2" PVC '76 MOP 43#
10	3'		3760102	ABANDON EX. 2" PE '88 MOP 43#
11	149'		3760102	ABANDON EX. 2" PE '97 MOP 43#
14	1'		3760102	ABANDON EX. 2" PE '95 MOP 43#
15	5'		3760602	ABANDON EX. 2" PVC '69 MOP 43#
18	8'		3760202	ABANDON EX. 2" STL '68 MOP 43#
20	255'		3800601	ABANDON EX. 3/4" PVC '57 (SVC)
22	203'		3800601	ABANDON EX. 1/2" PVC '70 (SVC)
33	103'		3760202	ABANDON EX. 2" STL '56 MOP 43#
34	149'		3800601	ABANDON EX. 3/4" PVC '55 (SVC)
35	97'		3800601	ABANDON EX. 1/2" PVC '73 (SVC)
38	435'		3800601	ABANDON EX. 1/2" PVC '66 (SVC)
39	148'		3800601	ABANDON EX. 3/4" PVC '69 (SVC)
41	29'		3800101	ABANDON EX. 1/2" PE '95 (SVC)
3	5'		3760102	ABANDON EX. 2" PE '87 MOP 43#

RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

A1 500.3 A3 500.5
A2 500.4 A4 503

EXISTING RISERS	QTY.
# OF ANODELESS RISERS	48
# OF ANODE RISERS	51

02-0200	3760602	2" PVC		10,285'		
	3760102	2" PE		10,308'	297'	
	3800101	1" PE		102'	25'	
	3800601	1" PVC			266'	
	3800601	3/4" PVC			100'	
	3800601	1/2" PVC			1,711'	
	3760202	2" STL			51'	
	3800201	3/4" STL			5'	
	3800101	1/2" PE		364'	235'	
02-0125	3760102	2" PE		2,248'	158'	
	3760602	2" PVC			1,350'	
	3800101	1" PE		587'		
	3800601	3/4" PVC			338'	
	3800601	1/2" PVC			735'	
	3760202	2" STL			108'	
	3800101	1/2" PE		592'	29'	
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED	INSTL. COMPLETED	RETIRED
PROPERTY UNITS						

SYSTEM D_VALLEY_WIDE
DR. NO. 21DS10023540
SEGMENT M.A.O.P. N/A
SYSTEM M.A.O.P. 43 PSIG
SYSTEM M.O.P. 43 PSIG

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: _____
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 _____
AS-BUILTS ACCEPTED BY _____ DATE _____
POSTED BY _____ DATE _____
POSTING QC'D BY _____ DATE _____

AS-BUILT DRAWING-PRESSURE TEST DATA
TEST MEDIUMTEST METHOD
PIPE DIA. _____
PIPE LENGTH _____
PIPE TYPE _____
MIN. DURATION _____
TEST PRES. (PSIG) _____ START _____ END _____
TIME _____
DATE _____
PERFORMED BY _____

CONSTRUCTION
INSPECTOR _____
FOREMAN _____
REVIEWED BY _____
PERMIT INFORMATION
NDOT,
CITY OF LAS VEGAS & CLARK COUNTY
TAX CODE 02-0200, 02-0125

VISUAL INSPECTION (OQ/PJQ)

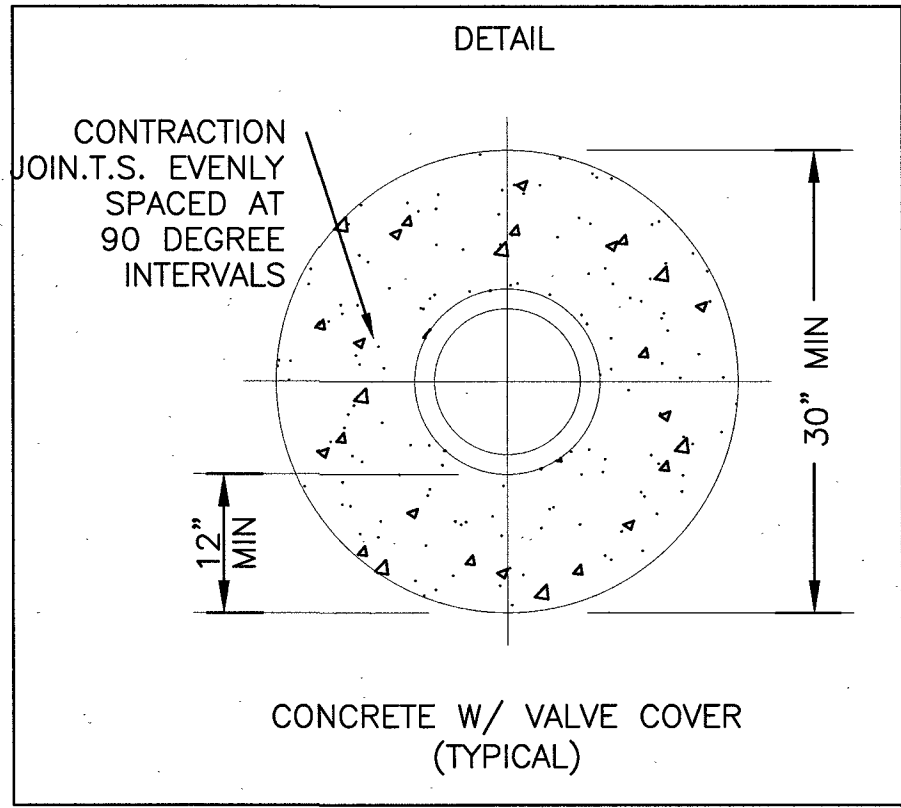
SIGNATURE _____
DATE _____

Clark County Public Works
Development Review
APPROVED FOR PERMITTING
Night Work - Yes No
Encroachment Permit

By: _____
Date: _____



GIR 2017-CLV-EASTLAND HEIGHTS
MATERIALS & SIGNATURES - PE



NOTE:

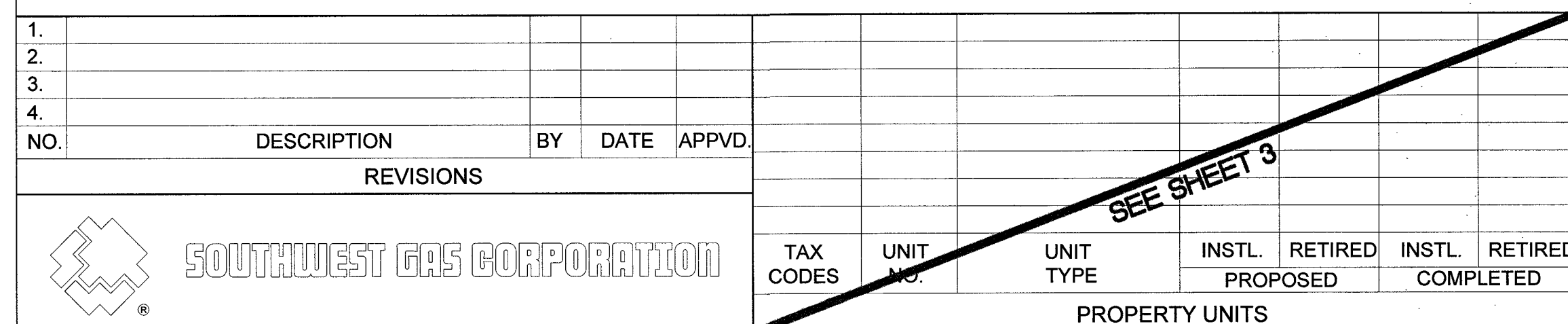
- VALVE BOX SHALL BE ADJUSTED TO THE FINISHED GRADE PRIOR TO PLACING OF THE CONCRETE OF ASPHALTIC CONCRETE SURFACE.
- WIRES SHOULD BE LONG ENOUGH TO EXTEND AT LEAST 2 FEET ABOVE GRADE.

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

CPID#: R9 1st B
WMIS#: 21DCP0021138
3. INSTALL CP TEST STATION. ITEM 251-2420. SEE SHEET 30 FOR THE DETAIL. SEE SHEET 30, DETAIL H, MATERIAL ITEM 6.

A1	500.3	A3	500.5
A2	500.4	A4	503

SIGNATURE: _____



AS-BUILT DRAWING-PRESSURE TEST DATA

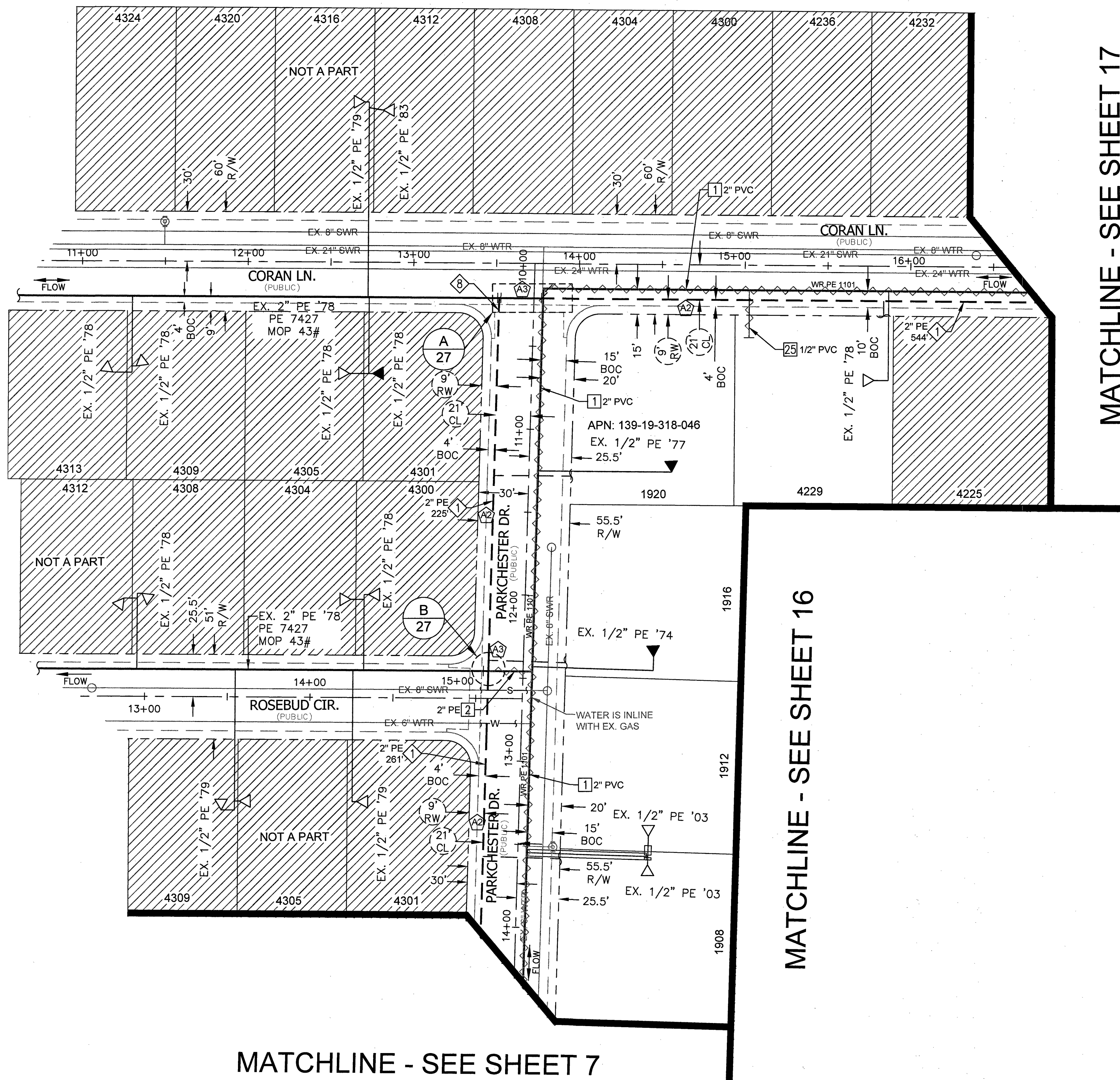
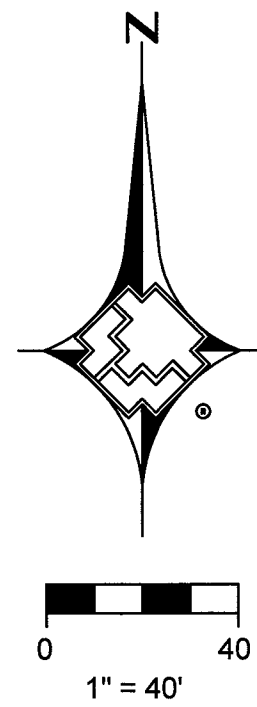
	TEST MEDIUM	TEST METHOD
PIPE DIA.	☐ AIR	☐ GAUGE
PIPE LENGTH	☐ NITROGEN	☐ CHART
PIPE TYPE	☐ WATER	GAUGE/ PRESS REC SN#
MIN. DURATION	SOAP	
TEST PRES. (PSIG): (MAX)	(MIN)	
TIME (HOUR)	(STOP)	
DATE (START)	(STOP)	
PERFORMED BY: _____		
SNGS VERIFIED BY: _____		

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

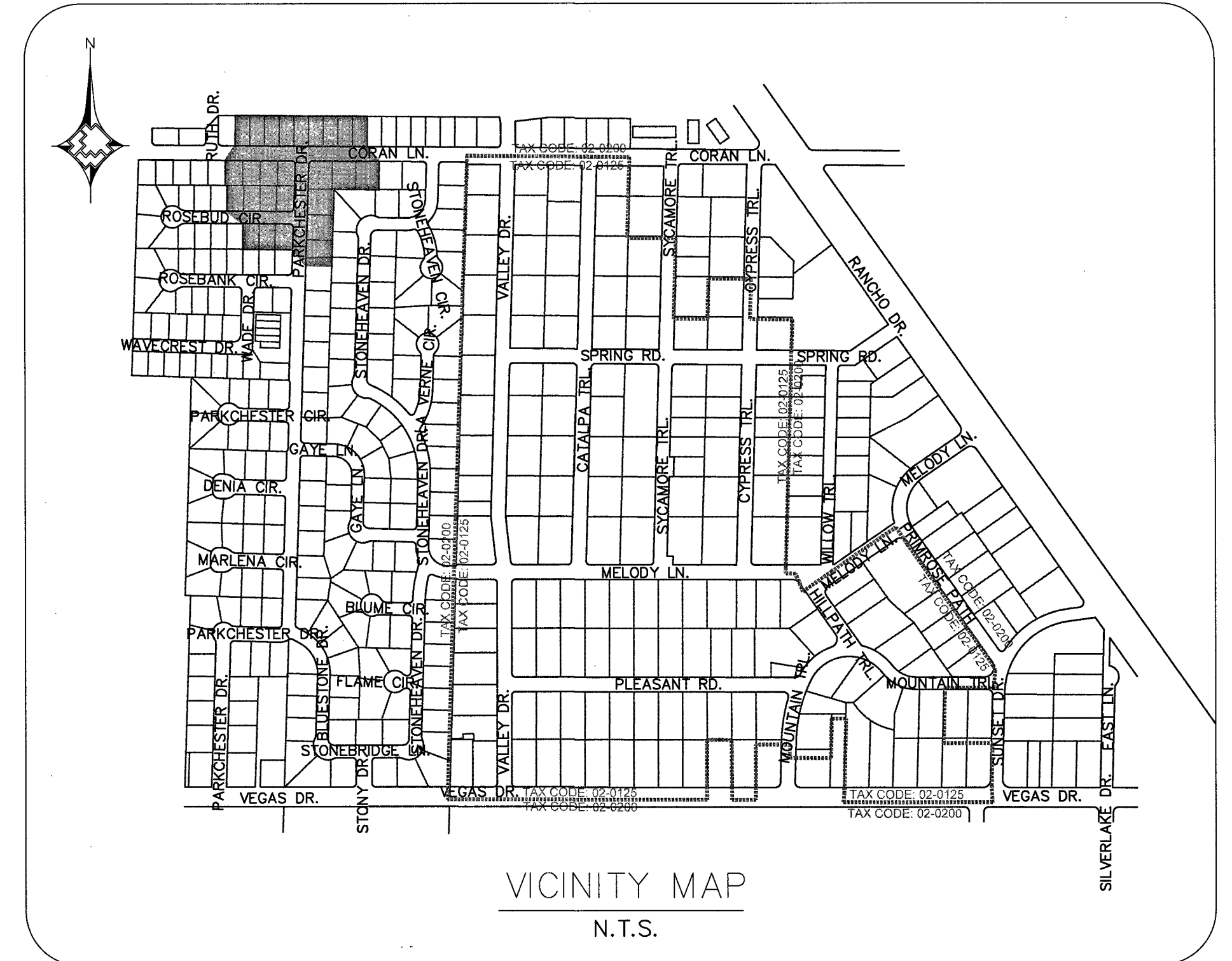
CONSTRUCTION	
INSPECTOR _____	SEE SHEET 3
FOREMAN _____	
REVIEWED BY _____	
PERMIT INFORMATION	
NDOT,	
CITY OF LAS VEGAS & CLARK COUNTY	
TAX CODE 02-0200, 02-0125	

ISOLATION AREA	W/R. NO.
ISO_21_DIST_081 ISO_21_DIST_085	3230315
LOCATION	ATLAS #/TITLE #
SEC 19 T20S R61E	x612y526 x612y524 x615y526 x615y524 x612y522

ENGINEER/TECH: TORI DICKEY		PHONE: 702-365-2325
ACCOUNT REP:		PHONE:
PROJECT CONTACT: TORI DICKEY		PHONE: 702-365-2325
SHEET NO: 5 OF 34	SCALE: N.T.S.	DATE: 12/30/2016
DWN. BY: ZONE ENG.	CHKD. BY:	APPVD. BY:
TITLE		
GIR 2017-CLV-EASTLAND HEIGHTS DETAIL - 252 & 254		



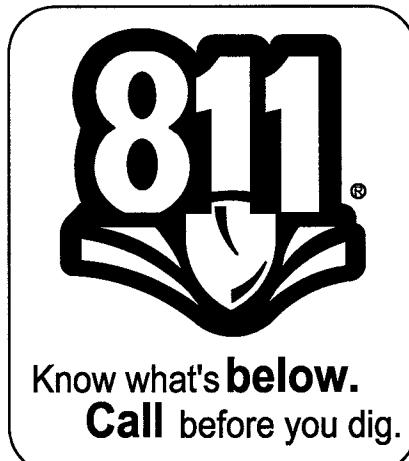
MATCHLINE - SEE SHEET 17



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
8			PROTECT EX. VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
2		3760102	ABANDON EX. 2" PE '78 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

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



NO.	DESCRIPTION	BY	DATE	APPVD
REVISIONS				
SEE SHEET 3				
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED
PROPERTY UNITS				

AS-BUILT DRAWING-PRESSURE TEST DATA	
PIPE DIA.	TEST MEDIUM
PIPE LENGTH	TEST METHOD
PIPE TYPE	TEST PRES. (PSIG) (MAX)
MIN DURATION	TIME (MIN)
TEST PRES. (PSIG) (MAX)	TIME (STOP)
TIME (START)	TIME (STOP)
PERF. PERFORMED BY:	DATE
DATE VERIFIED BY:	DATE

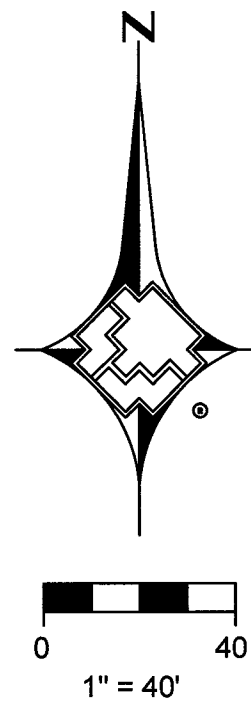
INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION	
I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOIN.T.S., AND WELDS THAT I HAVE PERFORMED	DATE
NAME	DATE
AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QC'D BY	DATE

CONSTRUCTION	
INSPECTOR	DATE
FOREMAN	DATE
REVIEWED BY	DATE
PERMIT INFORMATION	
NDOT	DATE
CITY OF LAS VEGAS & CLARK COUNTY	DATE
TAX CODE 02-0200, 02-0125	DATE

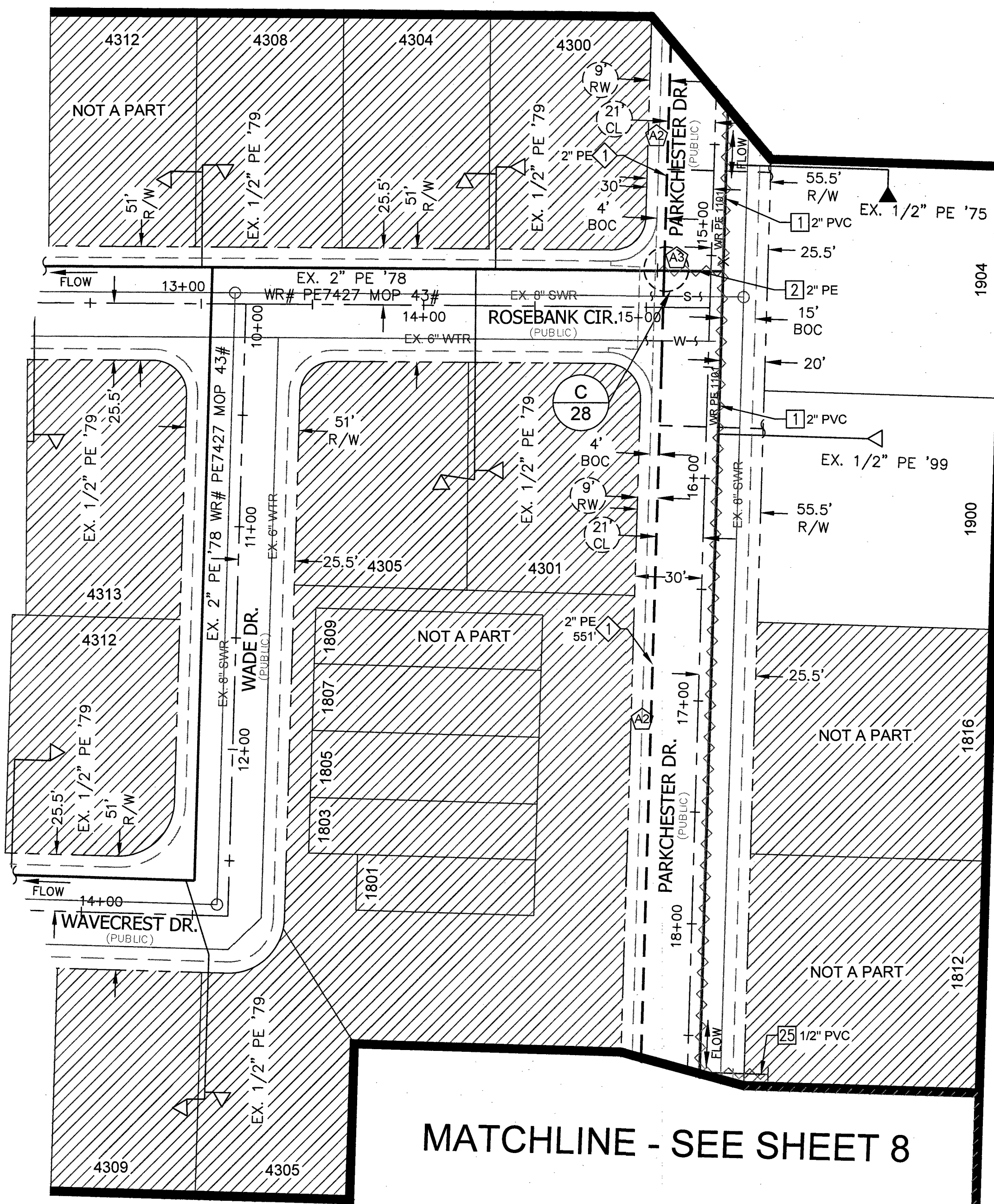
ISOLATION AREA	
ISO_21_DIST_081	DATE
ISO_21_DIST_085	DATE
LOCATION	DATE
SEC 19	DATE
T20S R61E	DATE

ENGINEER/TECH: TORI DICKEY	
ACCOUNT REP.	PHONE: 702-365-2325
PROJECT CONTACT: TORI DICKEY	PHONE: 702-365-2325
SHEET NO: 6 OF 34	SCALE: 1" = 40'
DWN. BY: ZONE ENG.	CHKD. BY: APPVD. BY:
TITLE	
GIR 2017-CLV-EASTLAND HEIGHTS	
DESIGN PLAN	

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



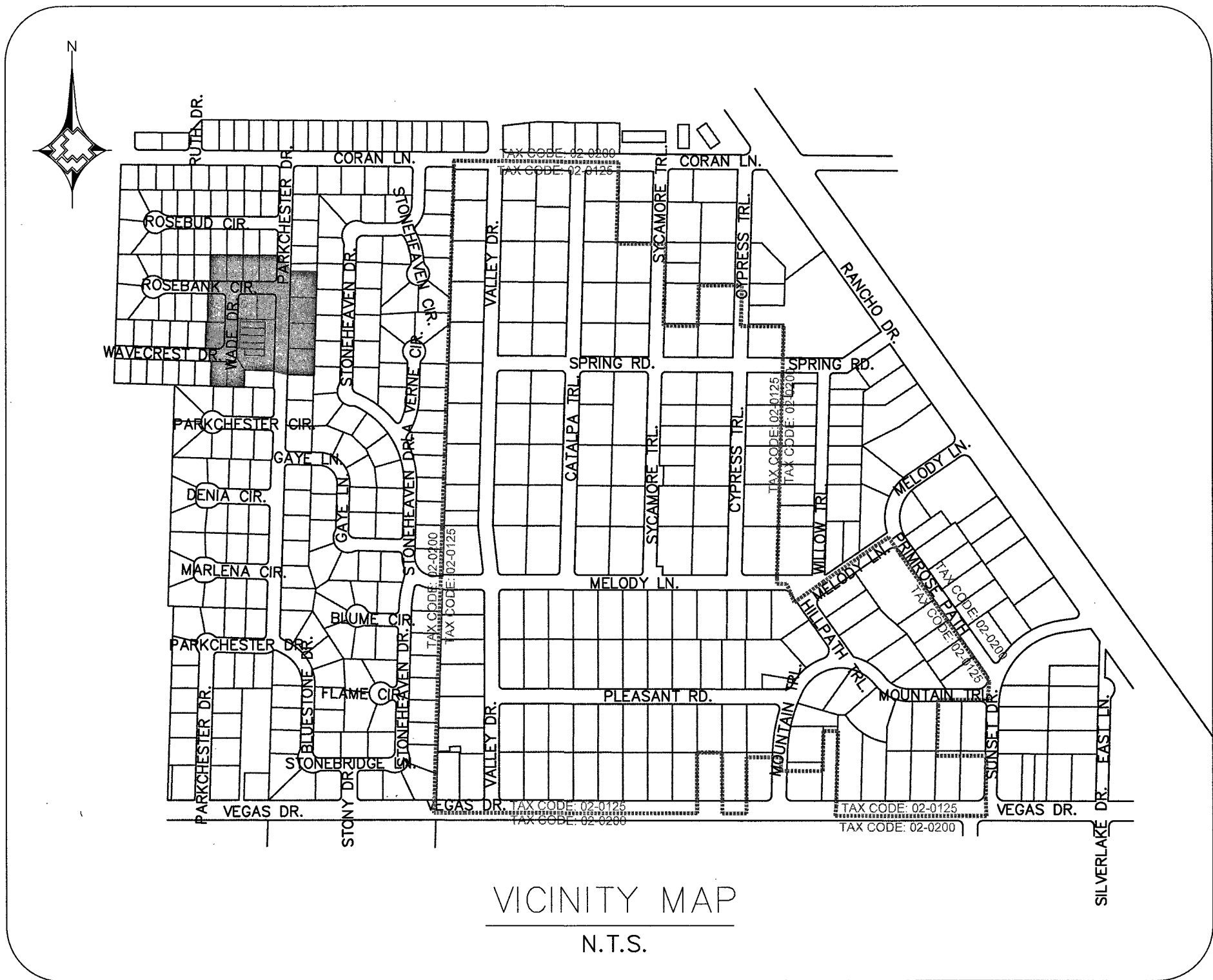
MATCHLINE - SEE SHEET 6



MATCHLINE - SEE SHEET 16

MATCHLINE - SEE SHEET 15

MATCHLINE - SEE SHEET 8



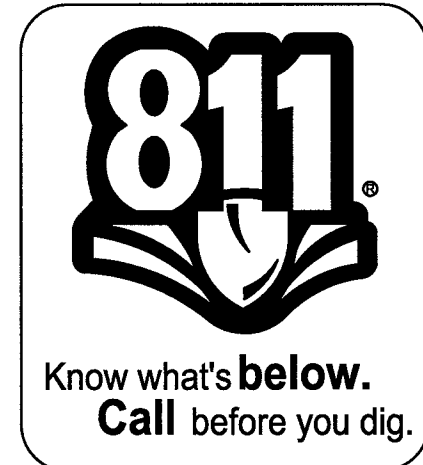
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
2		3760102	ABANDON EX. 2" PE '78 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

- RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):
- 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. PROPOSED	RETIRED COMPLETED	
PROPERTY UNITS					

SEE SHEET 3

AS-BUILT DRAWING-PRESSURE TEST DATA

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

INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSING, 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

NDOT,

CITY OF LAS VEGAS & CLARK COUNTY

TAX CODE 02-0200, 02-0125

ISOLATION AREA

ISO_21_DIST_081

ISO_21_DIST_085

W.R. NO.

3230315

LOCATION

SEC 19

T20S R61E

ATLAS #/TILE #

x812y526

x812y524

x815y526

x815y524

x812y522

ENGINEER/TECH: TORI DICKEY

ACCOUNT REP:

PROJECT CONTACT: TORI DICKEY

SHEET NO: 7 OF 34 SCALE: 1" = 40'

DWN. BY: ZONE ENG. CHKD. BY: APPVD. BY:

TITLE

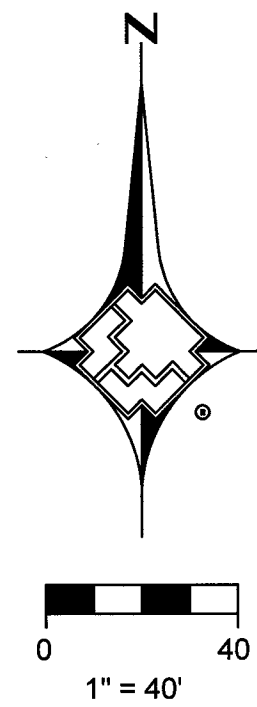
GIR 2017-CLV-EASTLAND HEIGHTS

DESIGN PLAN

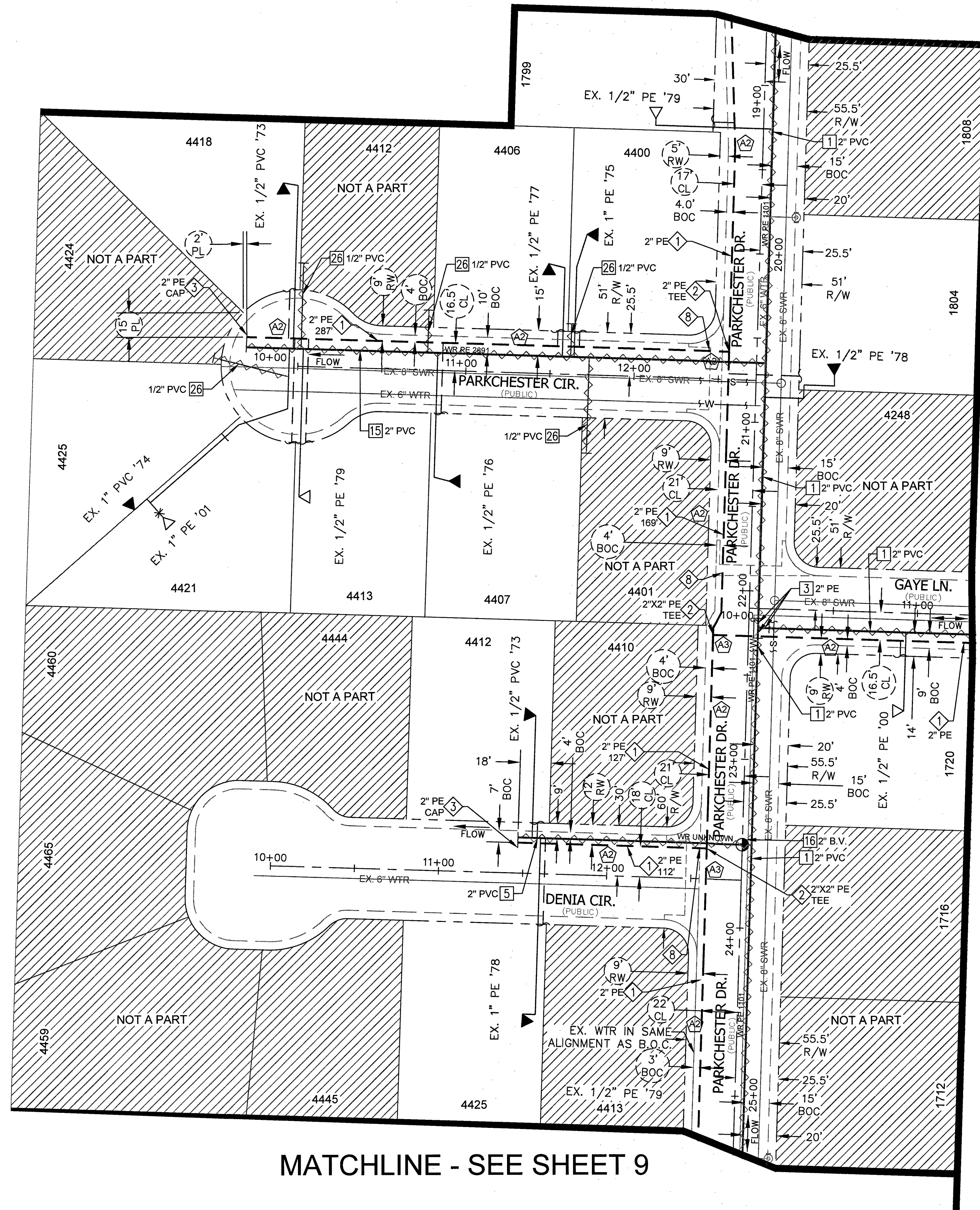
PHONE: 702-365-2325

PHONE: 702-365-2325

DATE: 12/30/2016



MATCHLINE - SEE SHEET 7



MATCHLINE - SEE SHEET 9

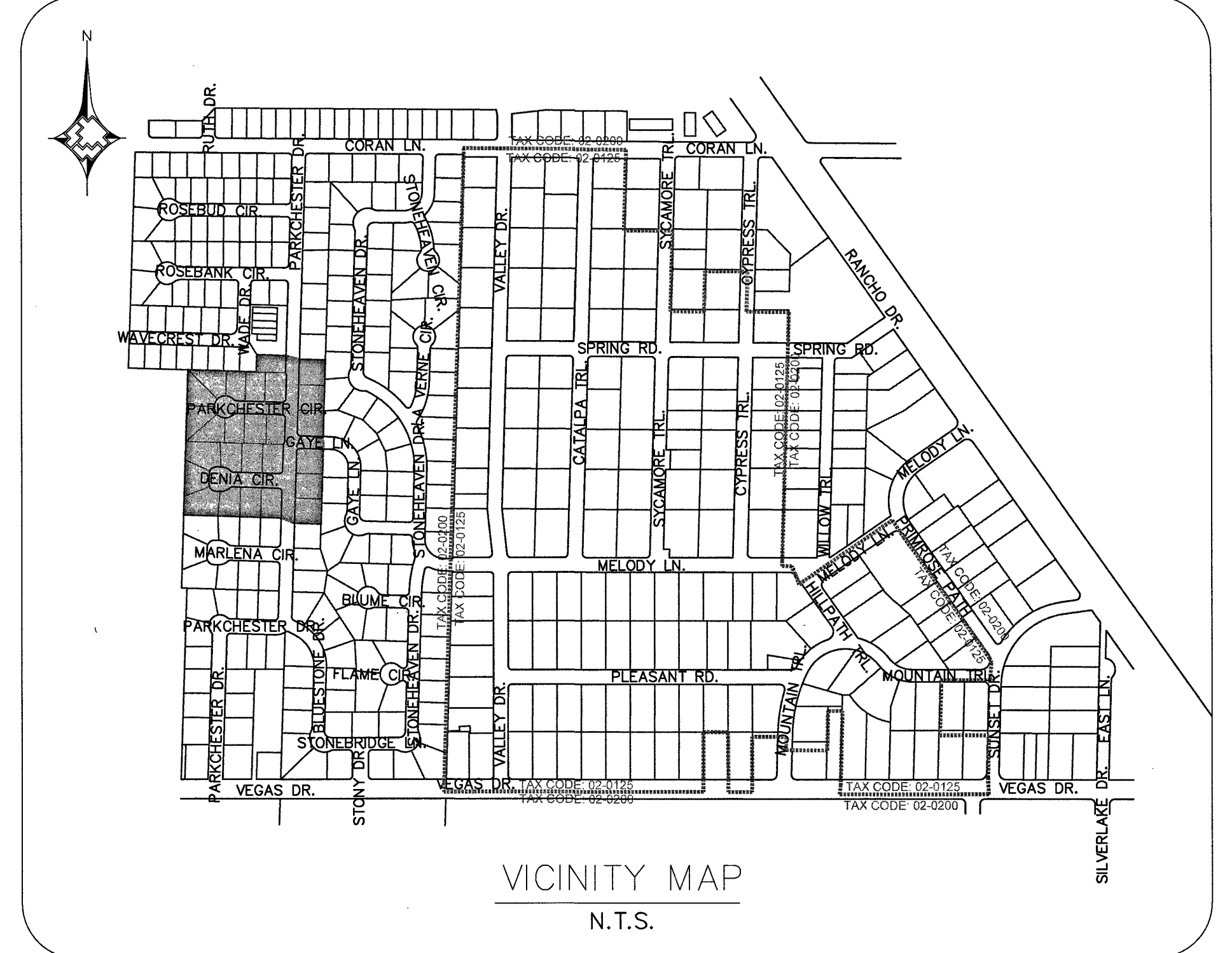
MATCHLINE - SEE SHEET 15

MATCHLINE - SEE SHEET 14

RTC NOTES:

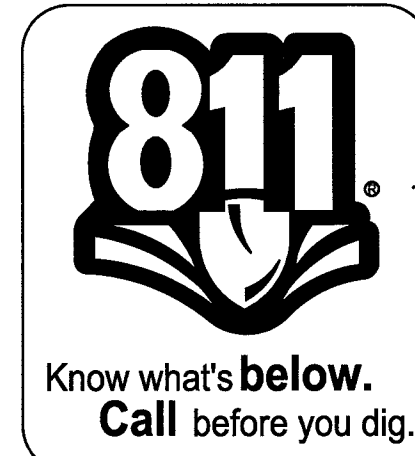
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

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



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
3		140-3060	PROPOSED 2" PE CAP
8			PROTECT EX. VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
5		3760602	ABANDON EX. 2" PVC '73 MOP 43#
15		3760602	ABANDON EX. 2" PVC '69 MOP 43#
16			ABANDON EX. 2" NON-ESSENTIAL BALL VALVE #NE00000
26		3800601	ABANDON EX. 1/2" PVC '69 (SVC)



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

REVISIONS



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

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: (HOUR)		(STOP)
PERFORMED BY:		(SIGNATURE)
DATE:		
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
AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QCD BY	DATE

CONSTRUCTION

INSPECTOR
FOREMAN
REVIEWED BY

PERMIT INFORMATION

NDOT,
CITY OF LAS VEGAS & CLARK COUNTY
TAX CODE 02-0200, 02-0125

ISOLATION AREA
ISO_21_DIST_081
ISO_21_DIST_085

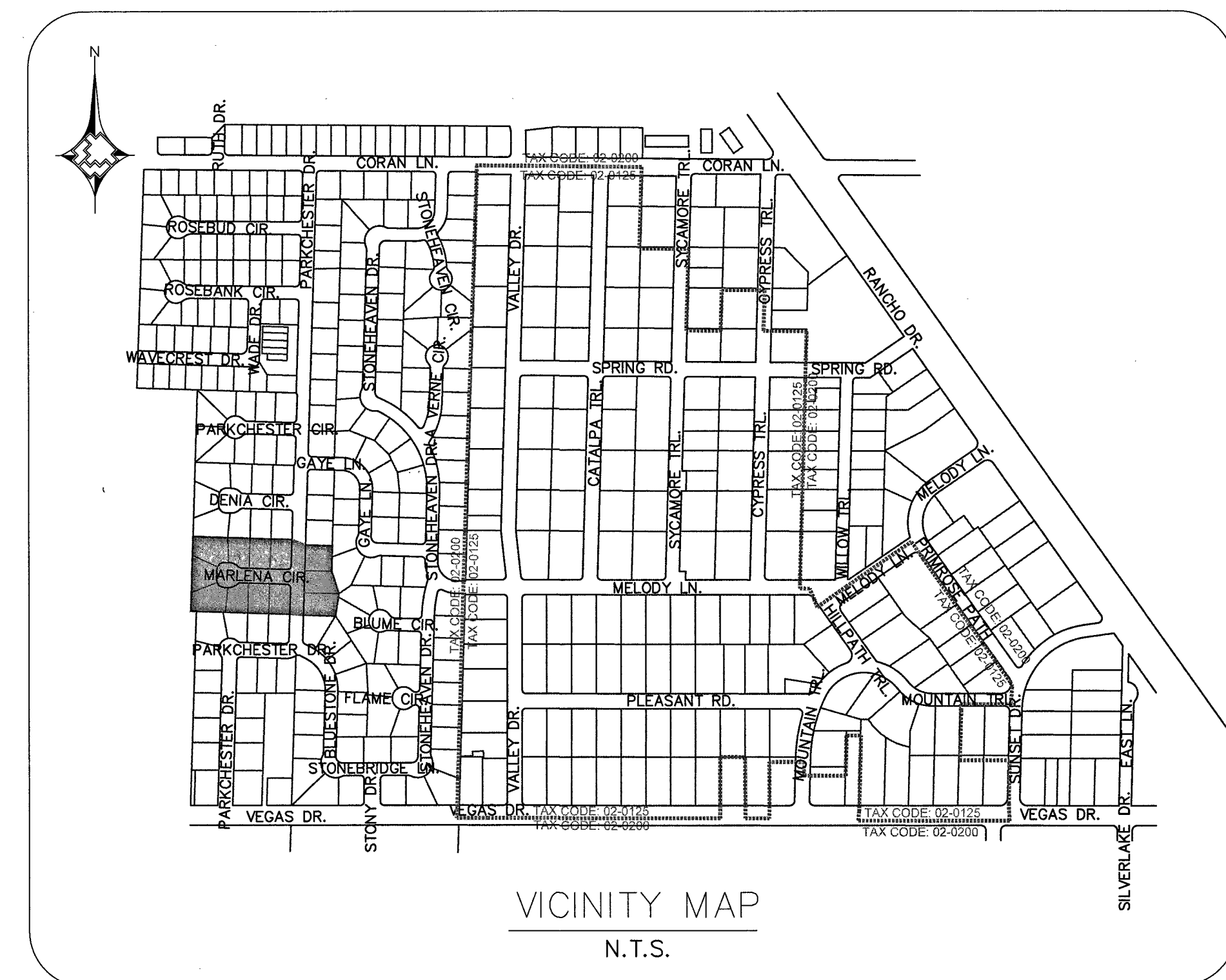
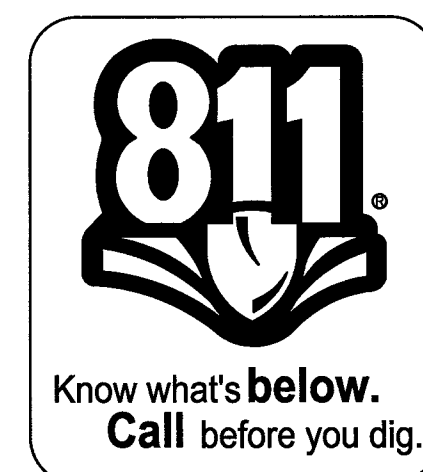
W.R. NO.
3230315

LOCATION
SEC 19
T20S R61E

ATLAS #/TILE #
x612y626
x612y624
x615y626
x615y624
x612y622

ENGINEER/TECH: TORI DICKEY
ACCOUNT REP:
PROJECT CONTACT: TORI DICKEY
SHEET NO: 8 OF 34
DWN. BY: ZONE ENG.
SCALE: 1" = 40'
CHKD. BY:
PHONE: 702-365-2325
PHONE:
PHONE: 702-365-2325
DATE: 12/30/2016
APPVD. BY:

GIR 2017-CLV-EASTLAND HEIGHTS
DESIGN PLAN



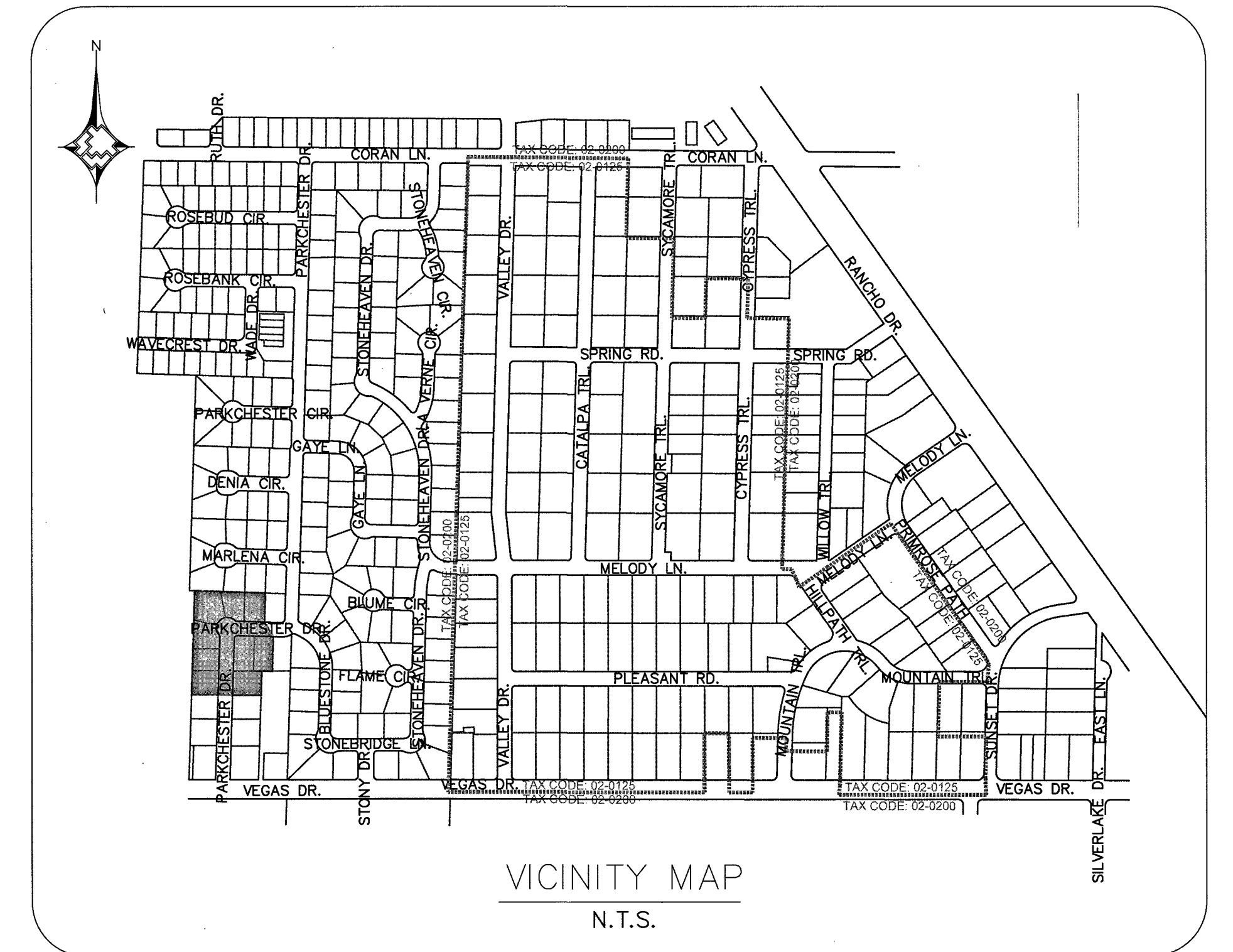
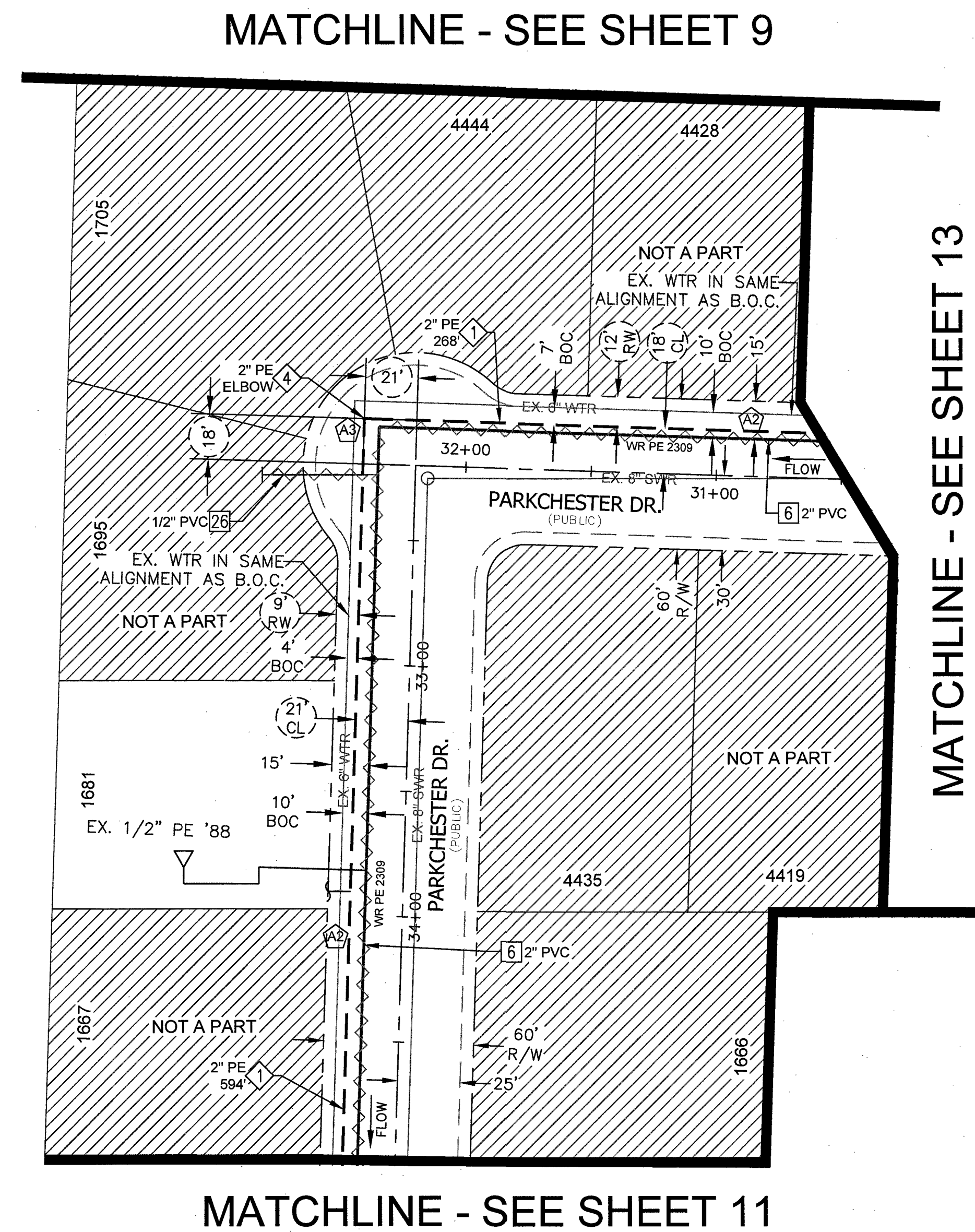
MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

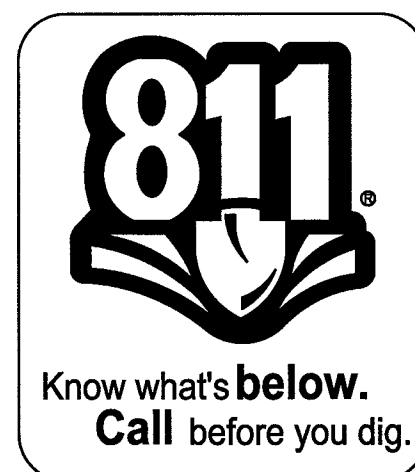
	500.3
	500.4
	500.5
	503

[illegible]



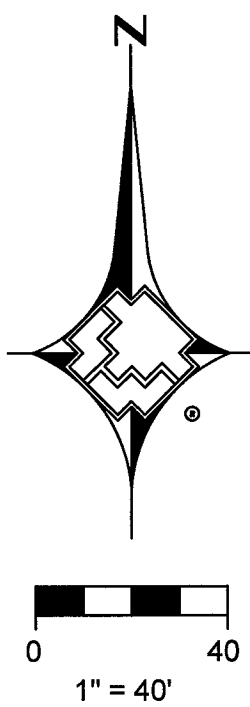
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE 90° ELBOW

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
6		3760602	ABANDON EX. 2" PVC '68 MOP 43#
26		3800601	ABANDON EX. 1/2" PVC '69 (SVC)



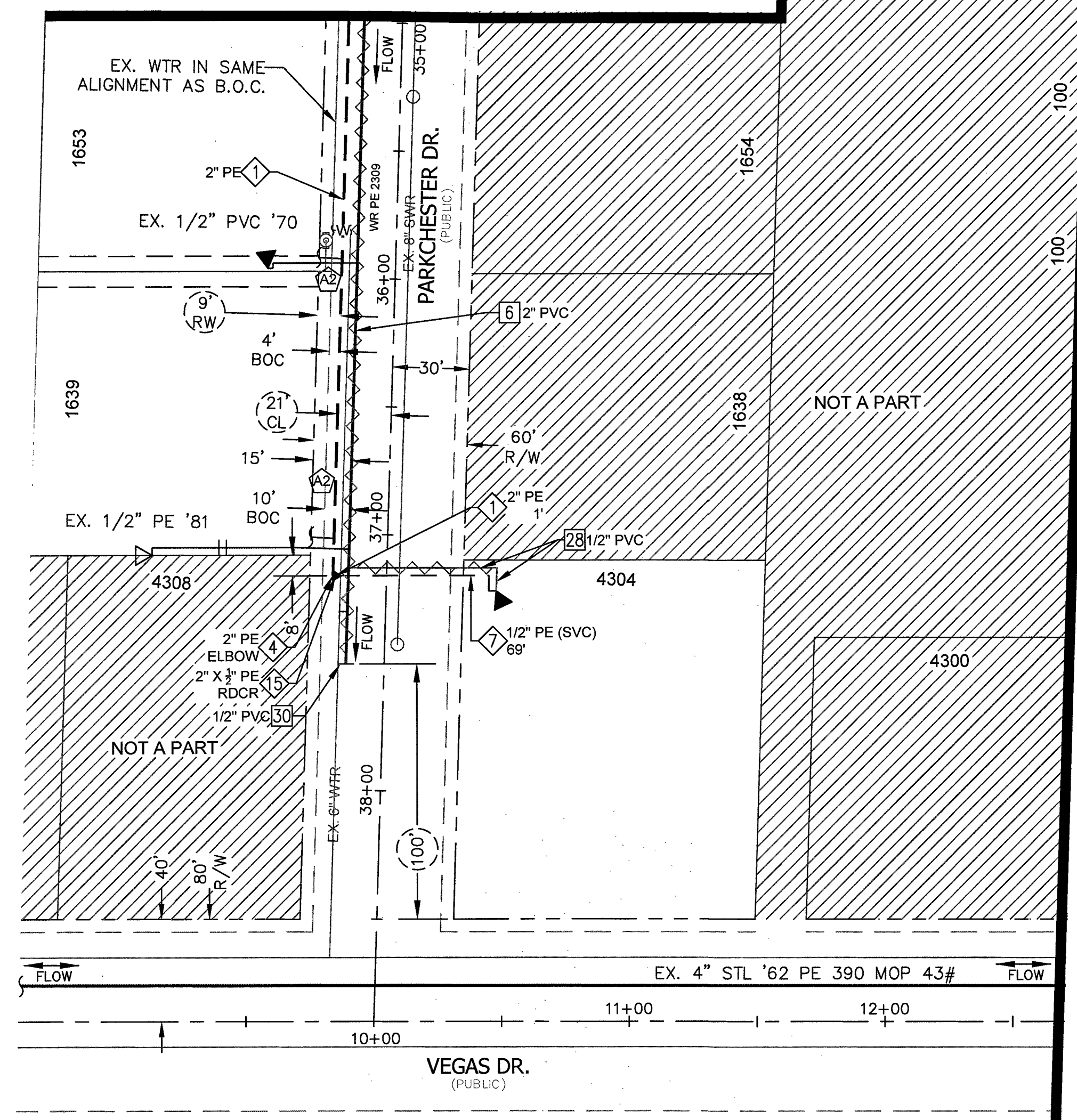
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):
A1 500.3
A2 500.4
A3 500.5
A4 503

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 _____ GAUGE _____ PIPE TYPE _____ NITROGEN _____ CHART _____ MIN. DURATION _____ SOAP _____ GAUGE/ PRESS REC SN# _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (H) _____ (STOP) _____ DATE (PART) _____ (STOP) _____ PERFORMED BY: _____ CHECKED 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 _____ SEE SHEET 3	ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085	W.R. NO. 3230315	ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 10 OF 34 SCALE: 1" = 40' DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____	PHONE: 702-365-2325 PHONE: _____ PHONE: 702-365-2325 DATE: 12/30/2016
					PERMIT INFORMATION NDOT CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125		LOCATION SEC 19 T20S R61E	ATLAS #/TILE # x612y526 x612y524 x615y526 x615y524 x612y522	GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN		

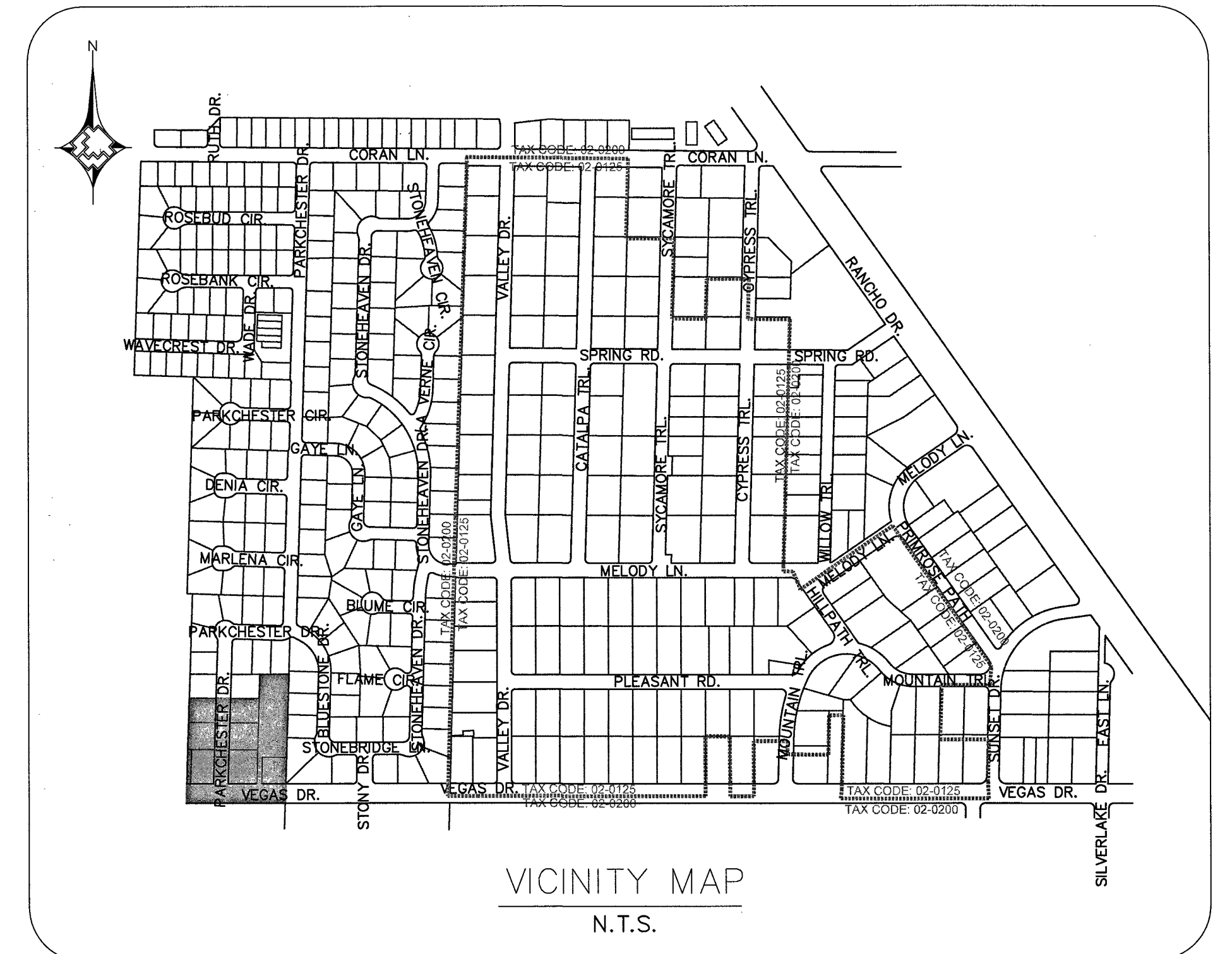


MATCHLINE - SEE SHEET 10

MATCHLINE - SEE SHEET 13



MATCHLINE - SEE SHEET 12



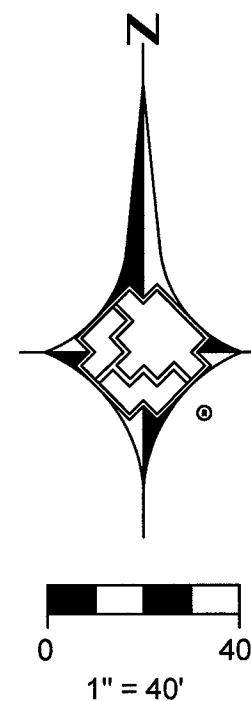
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
3		140-3067	PROPOSED 2" PE CAP
7		101-8501	PROPOSED 1/2" PE SERVICE
4		140-3067	PROPOSED 2" PE 90° ELBOW
15		140-3071	PROPOSED 2" X 1/2" PE REDUCER

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
6		3760602	ABANDON EX. 2" PVC '68 MOP 43#
30		3800601	ABANDON EX. 1/2" PVC '68 (SVC)



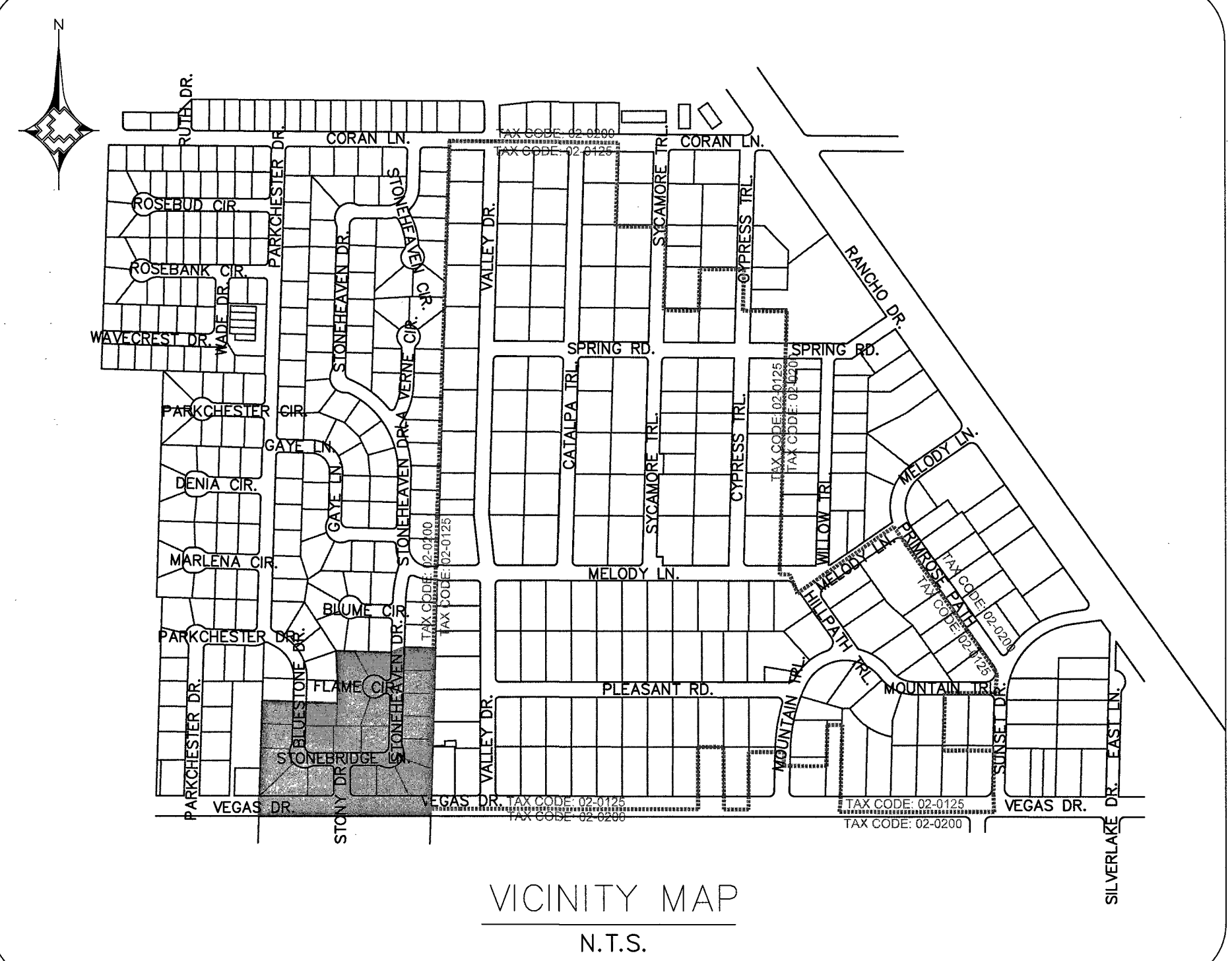
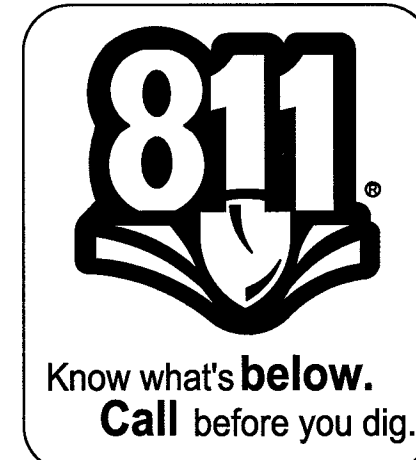
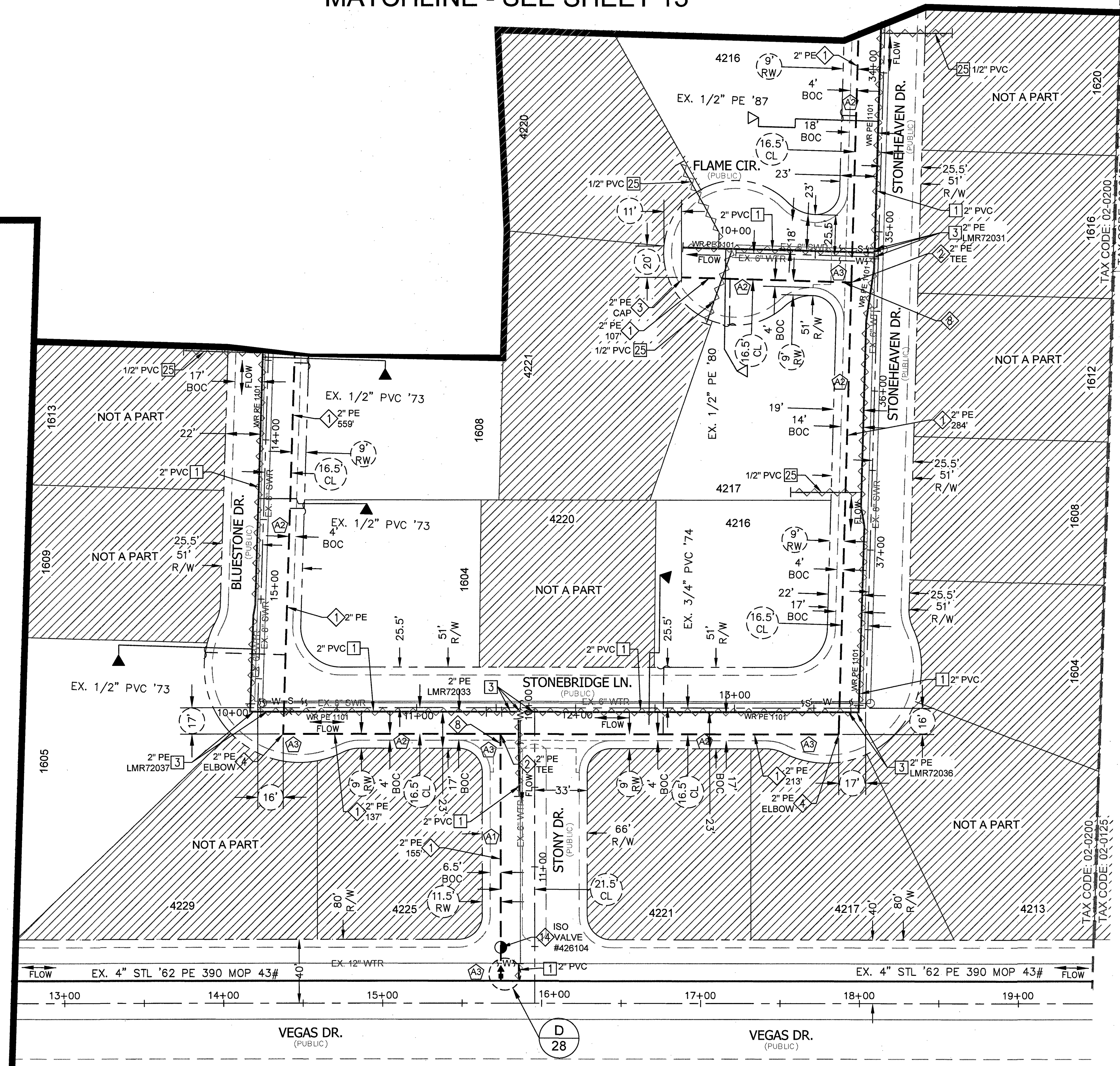
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):
A1 500.3
A2 500.4
A3 500.5
A4 503

1. 2. 3. 4. NO. DESCRIPTION BY DATE APPVD REVISIONS				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) _____ SOAP _____ PRESS REC SN# _____ TIME (HOUR) _____ (MIN) _____ DATE (MM/YY) _____ (STOP) _____ PERFORMED BY: _____ DATE VERIFIED BY: _____				INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSION, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS. I HAVE PERFORMED _____ NAME _____ DATE _____ SEE SHEET 3				CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ SEE SHEET 3				ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085 W.R. NO. 3230315				ENGINEER/TECH: TORI DICKEY ACCOUNT REP. _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 11 OF 34 SCALE: 1" = 40' DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____ PHONE: 702-365-2325 PHONE: 702-365-2325 DATE: 12/30/2016			
SOUTHWEST GAS CORPORATION				TAX CODES _____ UNIT NO. _____ UNIT TYPE _____ PROPERTY UNITS INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED				PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125				LOCATION SEC 19 T20S R61E ATLAS #/TILE # x612y526 x612y524 x615y526 x615y524 x612y522				GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN							



MATCHLINE - SEE SHEET 13

MATCHLINE - SEE SHEET 11



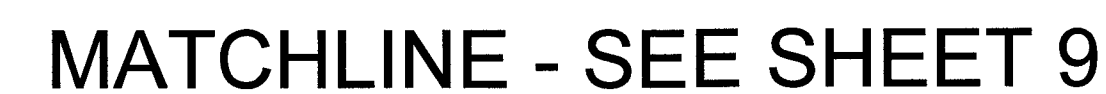
MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
3		140-3060	PROPOSED 2" PE CAP
4		140-3067	PROPOSED 2" PE 90° ELBOW
8			PROTECT EX. VALLEY GUTTER IN PLACE, BORE, DO NOT CUT
4		120-8605	PROPOSED ISOLATION VALVE #426104

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

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

1. <table><tr><td>NO.</td><td>DESCRIPTION</td><td>BY</td><td>DATE</td><td>APPVD</td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table>				NO.	DESCRIPTION	BY	DATE	APPVD																AS-BUILT DRAWING-PRESSURE TEST DATA <table><tr><td>PIPE DIA.</td><td>TEST MEDIUM</td><td>TEST METHOD</td><td> </td></tr><tr><td>PIPE LENGTH</td><td>☐ AIR</td><td>☐ GAUGE</td><td> </td></tr><tr><td>PIPE TYPE</td><td>☐ NITROGEN</td><td>☐ CHART</td><td> </td></tr><tr><td>MIN DURATION</td><td>☐ WATER</td><td>☐ GAUGE/ PRESS REC SN#</td><td> </td></tr><tr><td>TEST PRES. (PSIG) (MAX)</td><td> </td><td>(MIN)</td><td> </td></tr><tr><td>TIME (HOURS)</td><td> </td><td>(STOP)</td><td> </td></tr><tr><td>DATE (START)</td><td> </td><td>(STOP)</td><td> </td></tr><tr><td>PERFORMED BY:</td><td> </td><td> </td><td> </td></tr><tr><td>REVIEWED BY:</td><td> </td><td> </td><td> </td></tr></table>	PIPE DIA.	TEST MEDIUM	TEST METHOD		PIPE LENGTH	☐ AIR	☐ GAUGE		PIPE TYPE	☐ NITROGEN	☐ CHART		MIN DURATION	☐ WATER	☐ GAUGE/ PRESS REC SN#		TEST PRES. (PSIG) (MAX)		(MIN)		TIME (HOURS)		(STOP)		DATE (START)		(STOP)		PERFORMED BY:				REVIEWED BY:			
NO.	DESCRIPTION	BY	DATE	APPVD																																																								
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TIME (HOURS)		(STOP)																																																										
DATE (START)		(STOP)																																																										
PERFORMED BY:																																																												
REVIEWED BY:																																																												

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



MATCHLINE - SEE SHEET 10

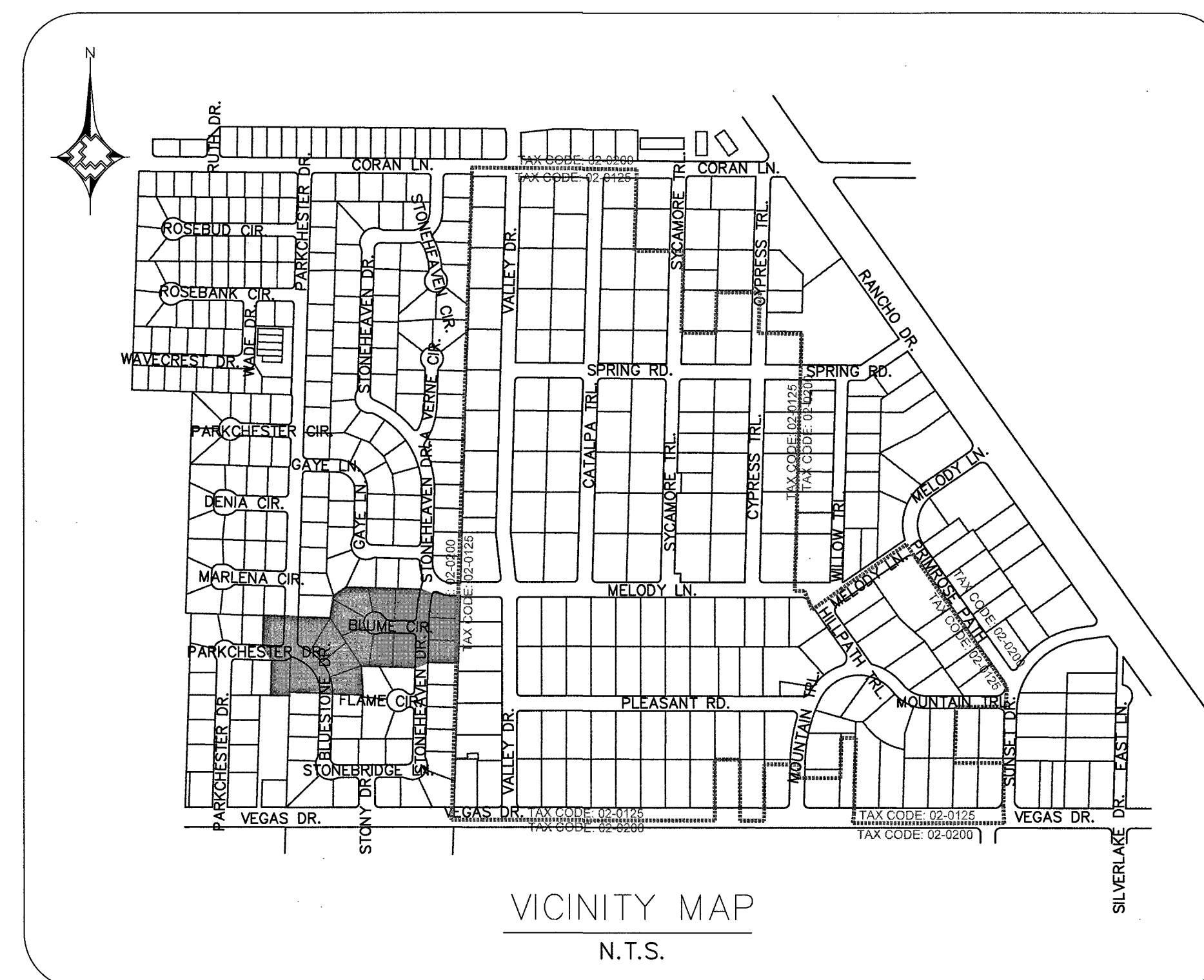
MATCHLINE -
SEE SHEET 11



MATCHLINE - SEE SHEET 14

MATCHLINE - SEE SHEET 12

MATCHLINE - SEE SHEET 21



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
3		140-3060	PROPOSED 2" PE CAP
8			PROTECT EX. VALLEY GUTTER IN PLACE, BORE, DO NOT CUT
9			ROPE PROPOSED 2" PE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
6		3760602	ABANDON EX. 2" PVC '68 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

A1 500.3

A2 500.4

A3 500.5

 A4 503

[illegible][illegible]



MATCHLINE - SEE SHEET 8

MATCHLINE - SEE SHEET 9

MATCHLINE - SEE SHEET 15

MATCHLINE - SEE SHEET 13

MATCHLINE - SEE SHEET 21

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

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



Know what's below.
Call before you dig.

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

REVISIONS



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

SEE SHEET 3

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA.	TEST MEDIUM	TEST METHOD
PIPE LENGTH	☐ AIR ☐ 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:		
DATE VERIFIED BY:		

INDIVIDUAL PERFORMING VISUAL INSPECTION
VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSION, SOLVENT CEMENT, MECHANICAL JOINTS, T.S. AND WELDS AND 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 _____

PERMIT INFORMATION

NDOT,
CITY OF LAS VEGAS & CLARK COUNTY
TAX CODE 02-0200, 02-0125

ISOLATION AREA
ISO_21_DIST_081
ISO_21_DIST_085

W.R. NO.
3230315

LOCATION
SEC 19
T20S R61E

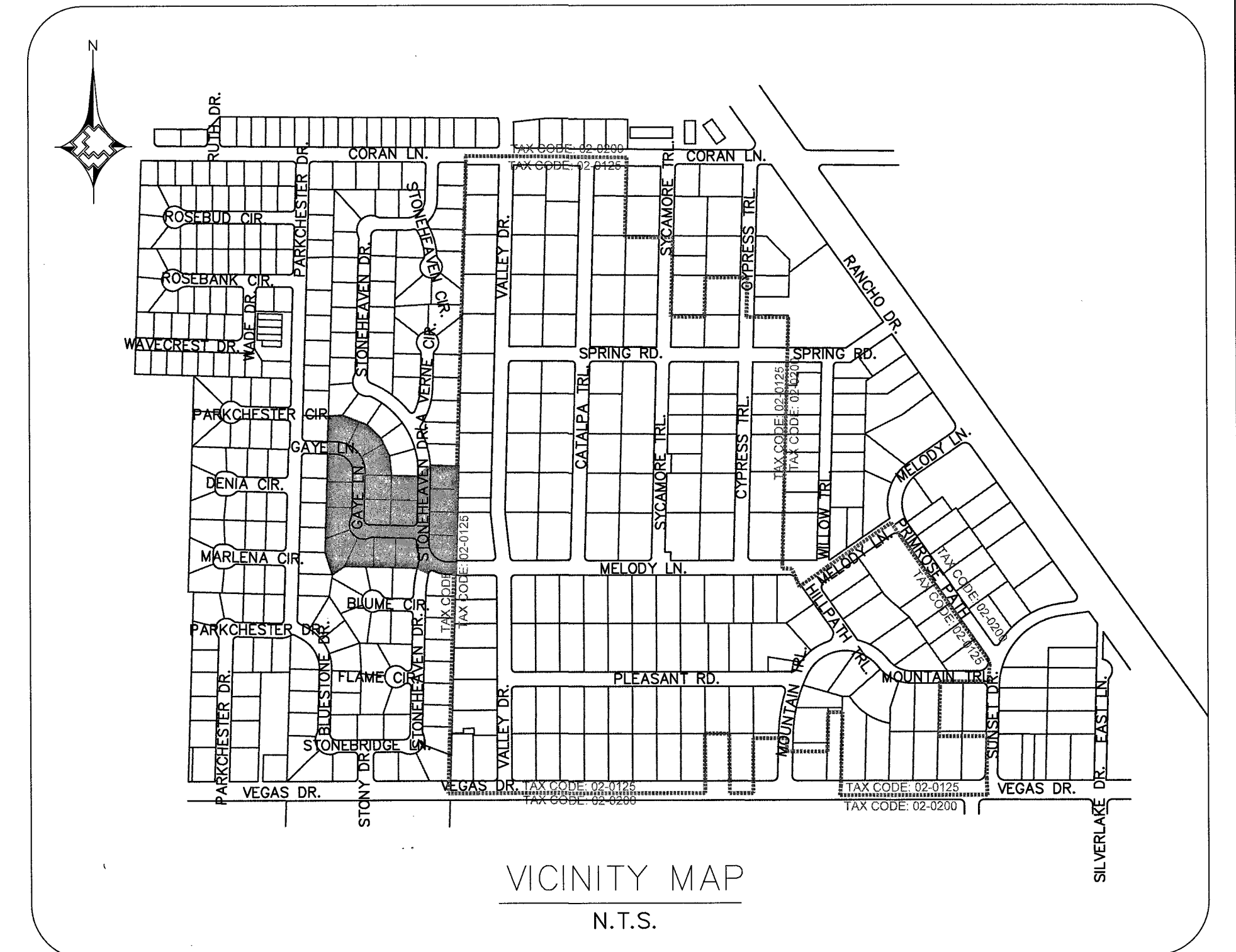
ATLAS #/TILE #
x812y528
x812y524
x815y526
x815y524
x812y522

ENGINEER/TECH: TORI DICKEY
ACCOUNT REP:
PROJECT CONTACT: TORI DICKEY

PHONE: 702-365-2325
PHONE:
PHONE: 702-365-2325
DATE: 12/30/2016
APPVD. BY:

TITLE

GIR 2017-CLV-EASTLAND HEIGHTS
DESIGN PLAN



VICINITY MAP
N.T.S.

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
4		140-3067	PROPOSED 2" PE 90° ELBOW
8			PROTECT EX. VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
4		3760102	ABANDON EX. 2" PE '75 MOP 43#
6		3760602	ABANDON EX. 2" PVC '68 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)
28		3800601	ABANDON EX. 1/2" PVC '72 (SVC)
29		3800101	ABANDON EX. 1/2" PE '71 (SVC)



MATCHLINE - SEE SHEET 7

MATCHLINE - SEE SHEET 8

MATCHLINE - SEE SHEET 16

MATCHLINE -
SEE SHEET 14



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

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	TEST METHOD
PIPE LENGTH	☐ AIR ☐ NITROGEN ☐ WATER	☐ GAUGE ☐ CHART
PIPE TYPE	MIN. DURATION	TEST PRES. (PSIG) (MAX)
TIME (HOUR)	PERFORMED BY:	DATE:
DATE (PART)	VERIFIED 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 QC'D BY: DATE:

CONSTRUCTION

INSPECTOR: FOREMAN: REVIEWED BY: SEE SHEET 3

PERMIT INFORMATION

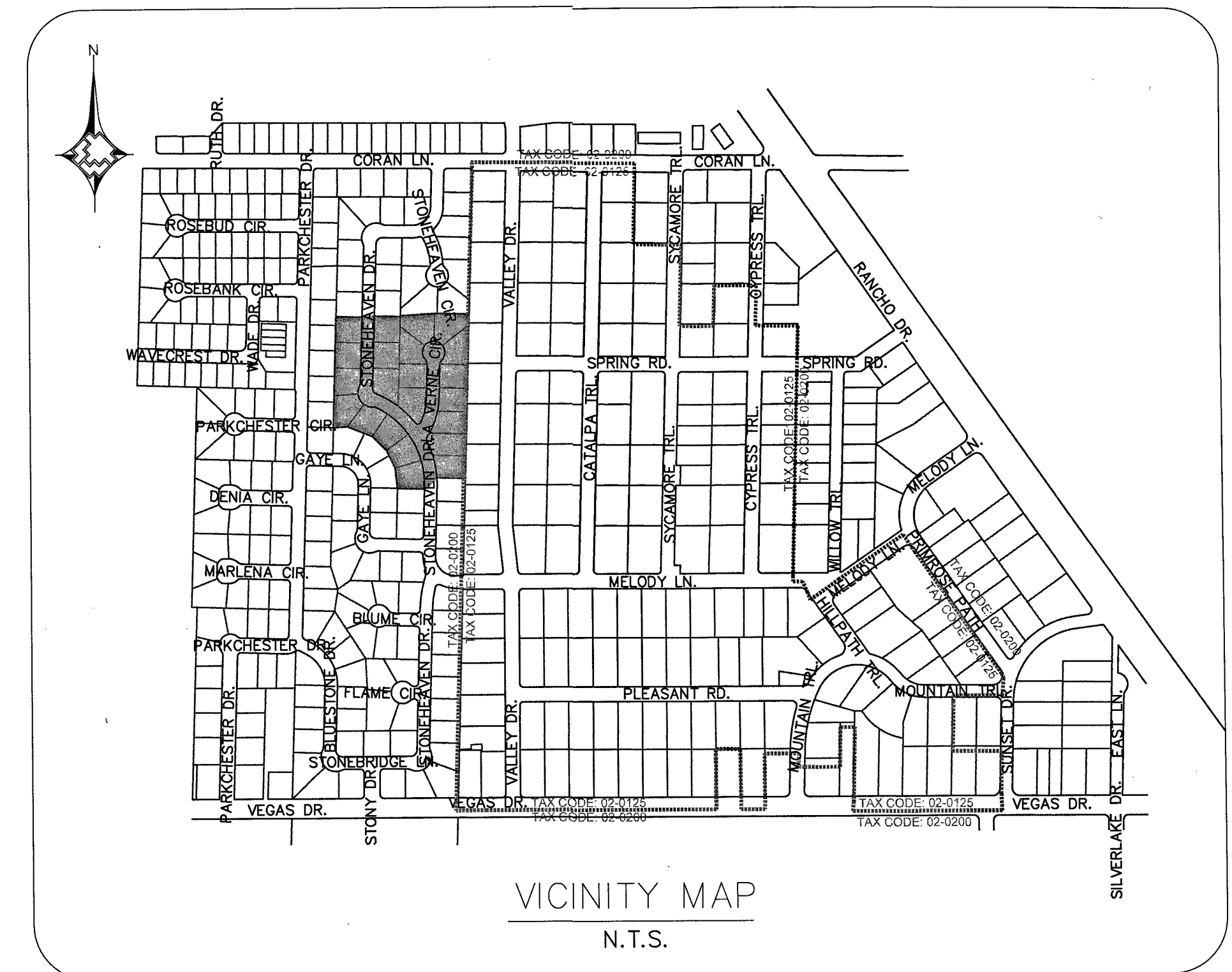
NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125

ISOLATION AREA: ISO_21_DIST_081 ISO_21_DIST_085 W.R. NO.: 3230315

LOCATION: SEC 19 T20S R61E ATLAS #/TILE #

ENGINEER/TECH: TORI DICKEY ACCOUNT REP: PROJECT CONTACT: TORI DICKEY SHEET NO: 15 OF 34 SCALE: 1" = 40' DWN. BY: ZONE ENG. CHKD. BY: DATE: 12/30/2016 APPVD. BY:

GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
3		140-3060	PROPOSED 2" PE CAP
4		140-3067	PROPOSED 2" PE 90° ELBOW
8			PROTECT EX VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

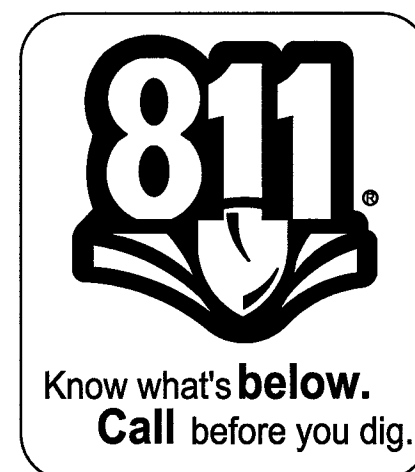
MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
17			ABANDON EX. 1/2" NON-ESSENTIAL PLUG VALVE #NE00000
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

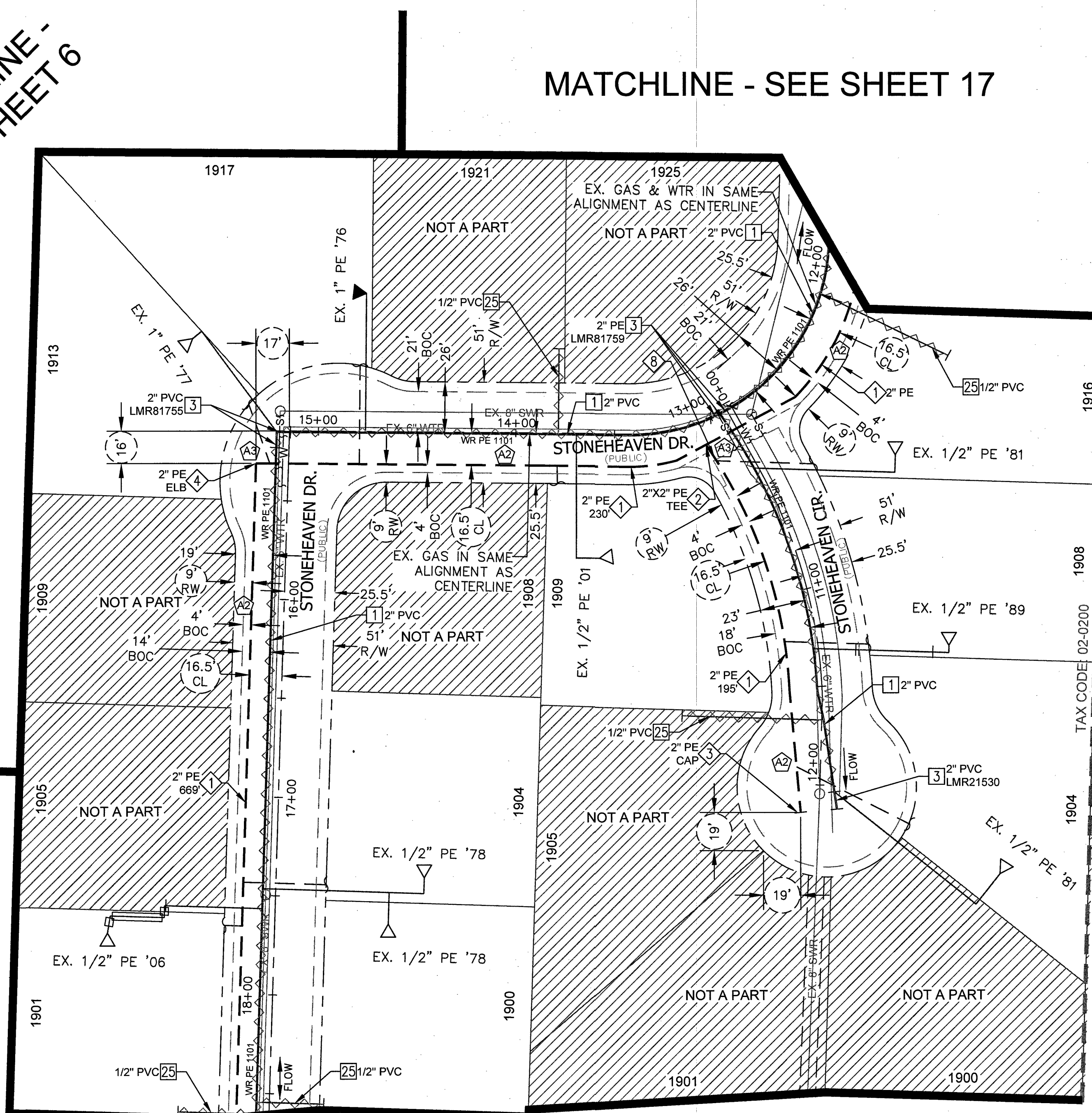
- A1 500.3
- A2 500.4
- A3 500.5
- A4 503



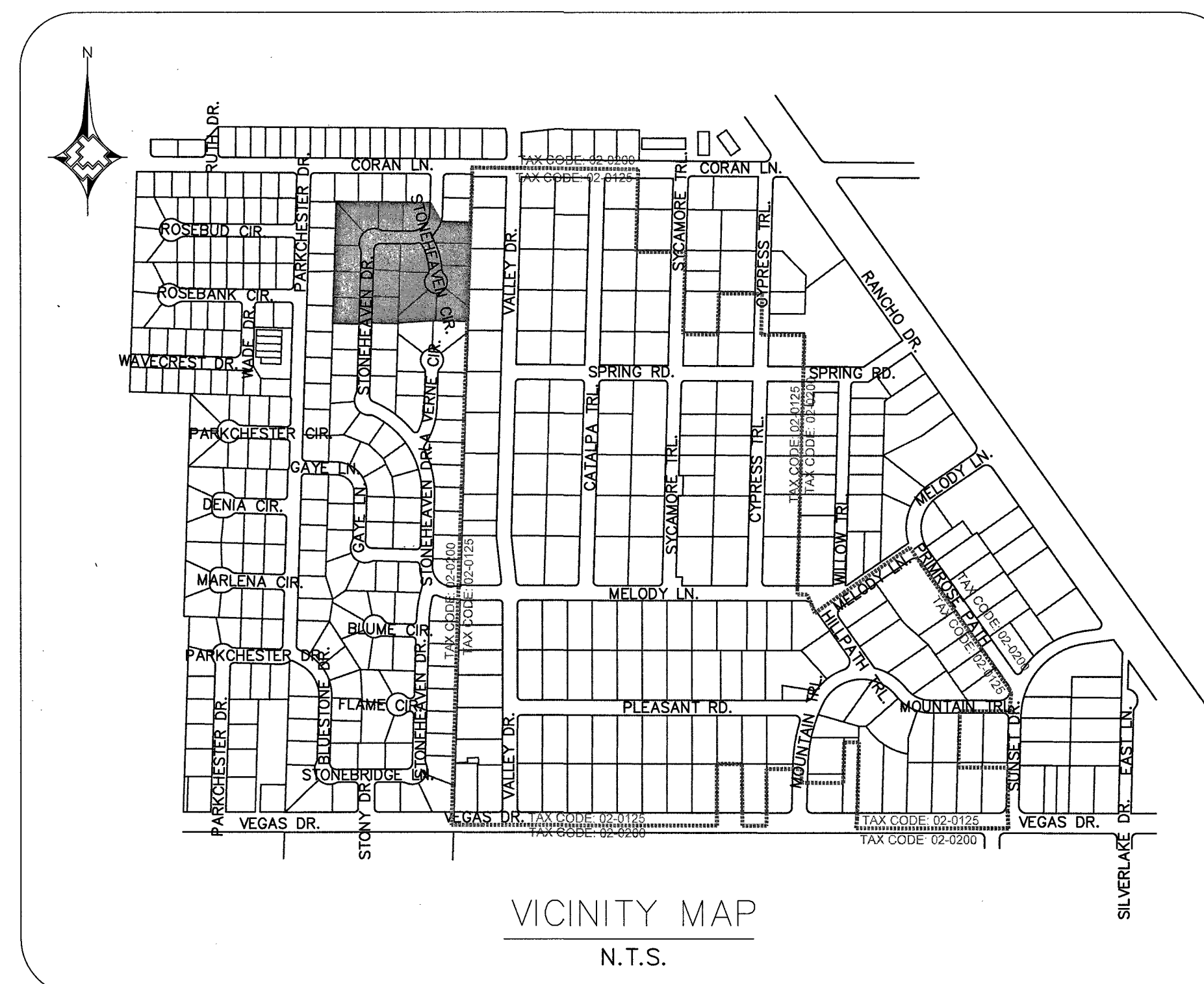
MATCHLINE -
SEE SHEET 6

MATCHLINE - SEE SHEET 7

MATCHLINE - SEE SHEET 17



MATCHLINE - SEE SHEET 15



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
3		140-3060	PROPOSED 2" PE CAP
4		140-3067	PROPOSED 2" PE 90° ELBOW
8			PROTECT EX VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

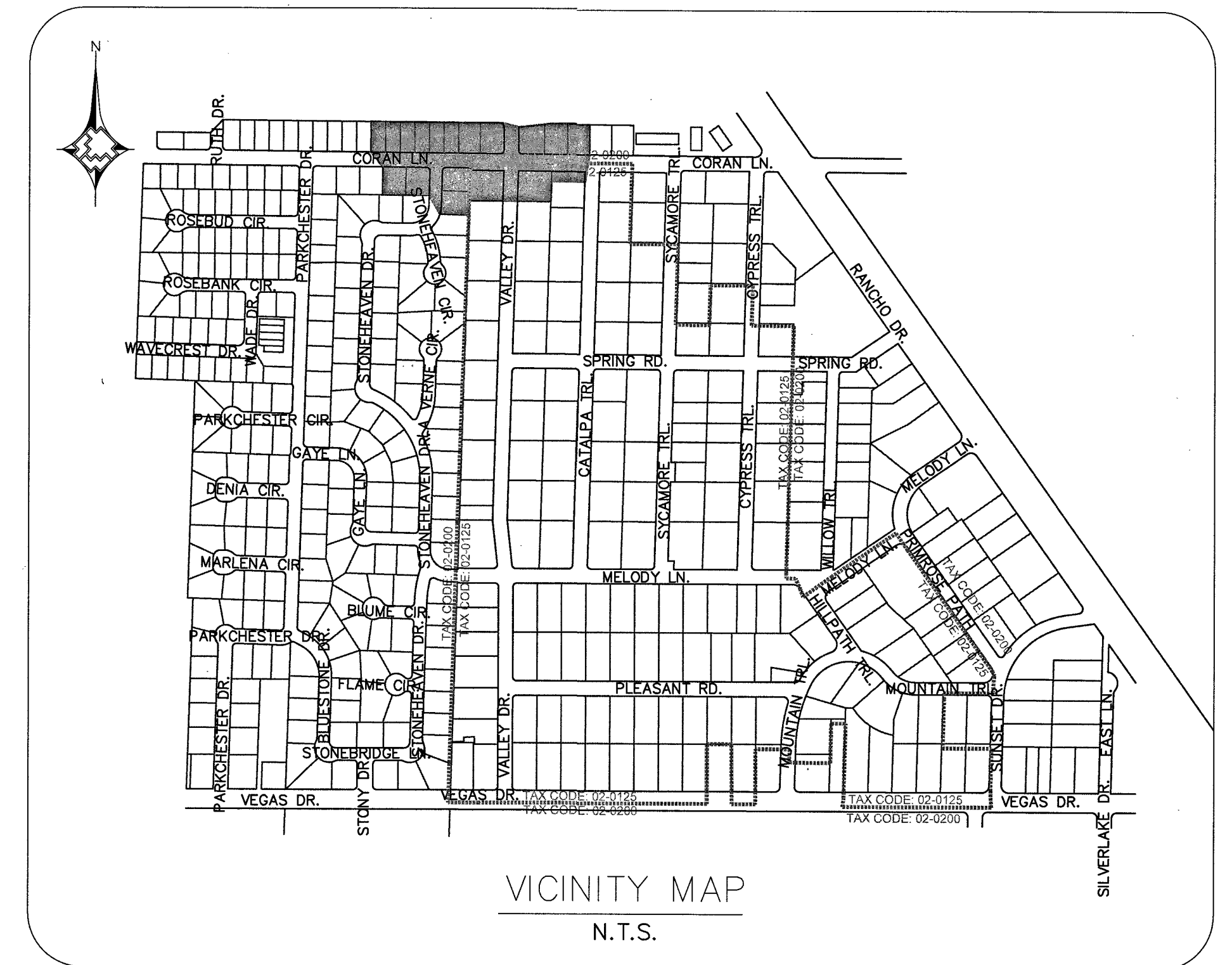
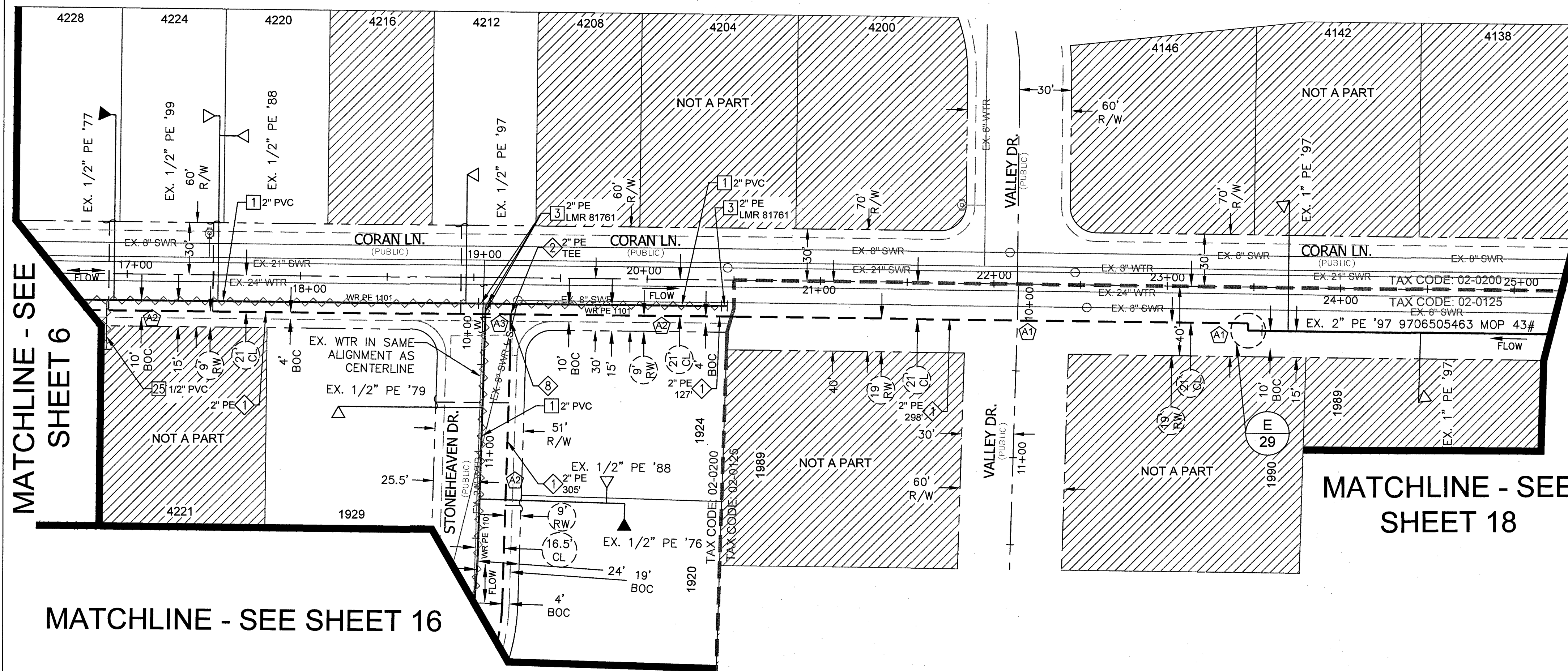
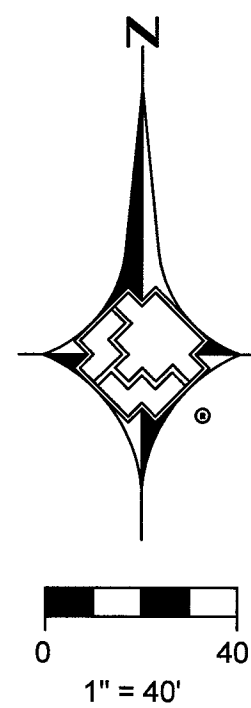
MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

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

[illegible]



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
8			PROTECT EX VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
25		3800601	ABANDON EX. 1/2" PVC '64 (SVC)

Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

Encroachment Permit

By: _____
Date: _____

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

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



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



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

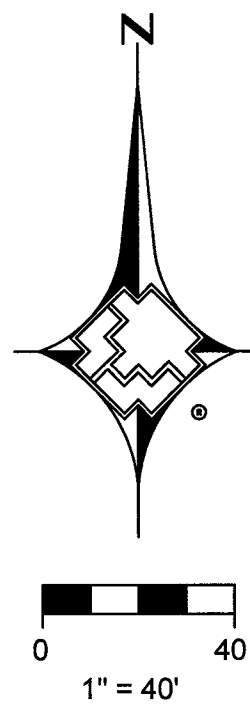
PIPE DIA.	PIPE LENGTH	PIPE TYPE	MIN. DURATION	TEST PRES. (PSIG) (MAX)	TIME (HOURS) (STOP)	DATE (START)	PERFORMED BY:	DATE (STOP)	DATE (START)	DATE (STOP)

NAME	DATE	AS-BUILTS ACCEPTED BY	DATE	POSTED BY	DATE	POSTING QC'D BY	DATE

CONSTRUCTION	PERMIT INFORMATION
INSPECTOR FOREMAN REVIEWED BY	NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125

ISOLATION AREA	W.R. NO.
ISO 21_DIST_081 ISO 21_DIST_085	3230315
LOCATION SEC 19 T20S R61E	ATLAS #/TILE # x612y526 x612y524 x615y526 x615y524 x612y522

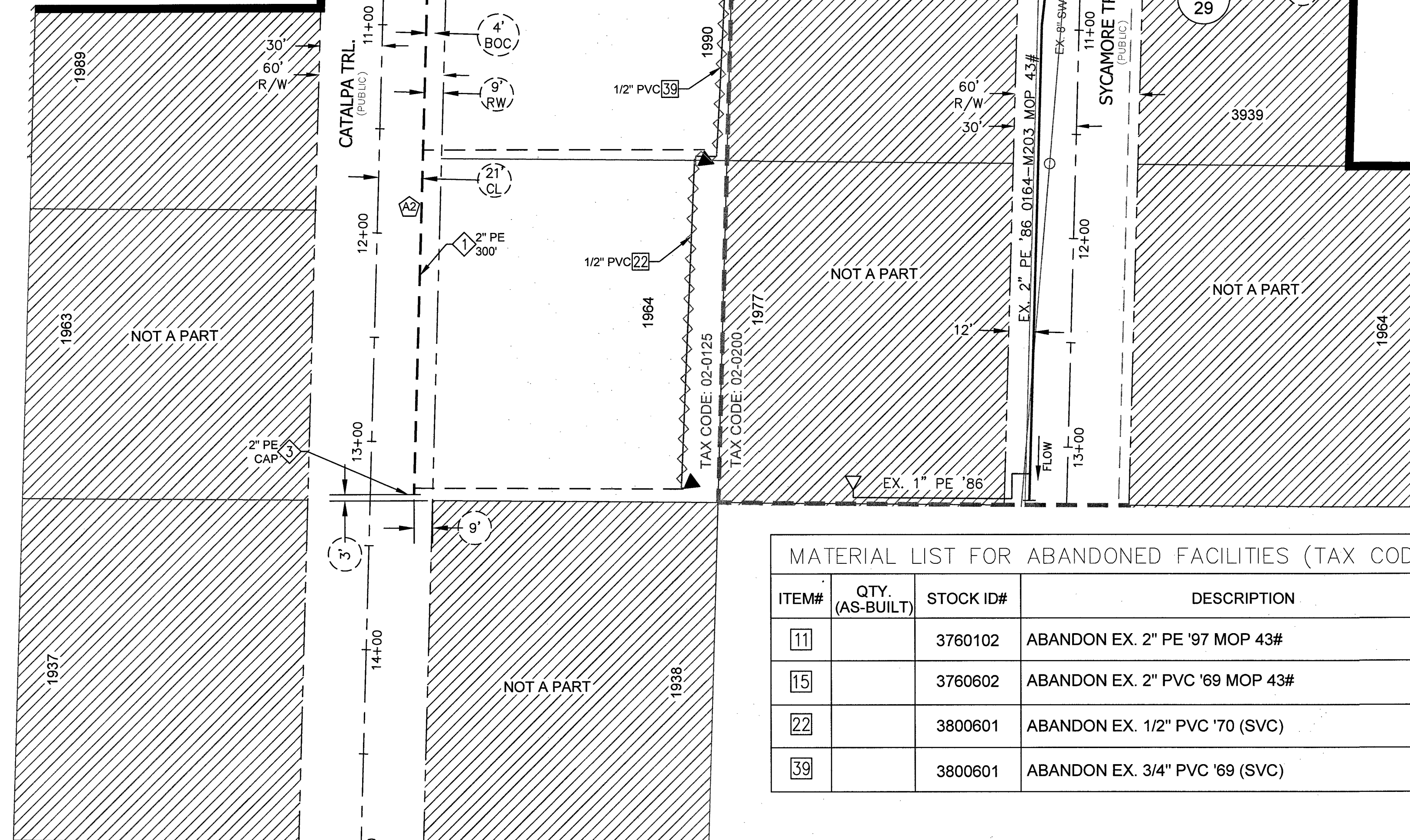
ENGINEER/TECH: TORI DICKEY ACCOUNT REP: PROJECT CONTACT: TORI DICKEY SHEET NO: 17 OF 34 DWN BY: ZONE ENG. CHKD BY:	PHONE: 702-365-2325 PHONE: PHONE: 702-365-2325 DATE: 12/30/2016 APPVD BY:
TITLE GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN	



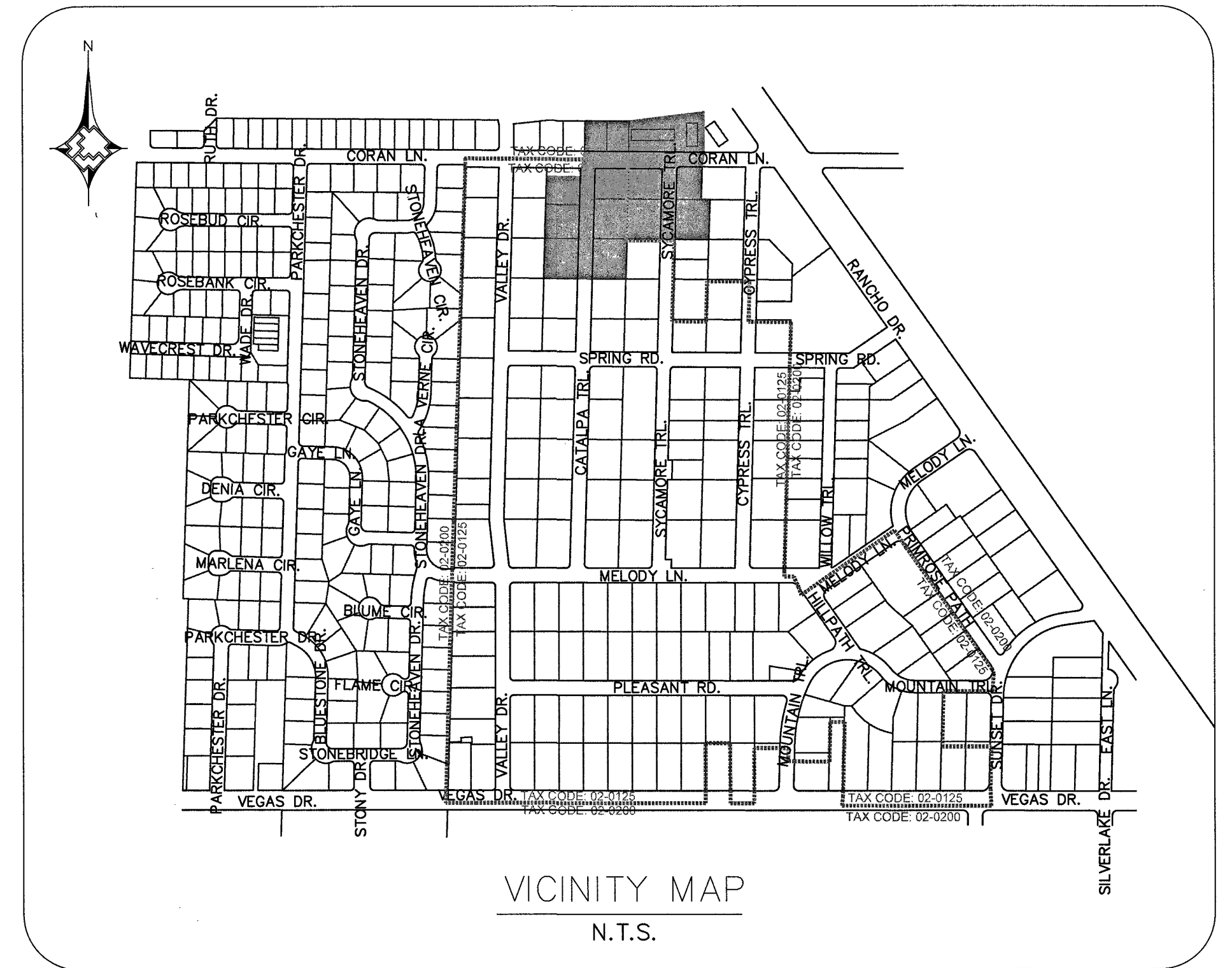
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

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

MATCHLINE - SEE
SHEET 17



MATCHLINE - SEE SHEET 19



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
8			PROTECT EX VALLEY GUTTER IN PLACE, BORE, DO NOT CUT

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
3		140-3060	PROPOSED 2" PE CAP

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
12		3760602	ABANDON EX. 2" PVC '65 MOP 43#
13		3800101	ABANDON EX. 2" PE 86 MOP 43#
15		3760602	ABANDON EX. 2" PVC '69 MOP 43#
31		3800601	ABANDON EX. 1/2" PVC '65 (SVC)
32		3800101	ABANDON EX. 1" PE '10 (SVC)
40		3760202	ABANDON EX. 2" STL '65 MOP 43#

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
11		3760102	ABANDON EX. 2" PE '97 MOP 43#
15		3760602	ABANDON EX. 2" PVC '69 MOP 43#
22		3800601	ABANDON EX. 1/2" PVC '70 (SVC)
39		3800601	ABANDON EX. 3/4" PVC '69 (SVC)

Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

Encroachment Permit

By: _____
Date: _____



NO.	DESCRIPTION	BY	DATE	APPVD.
REVISIONS				
SOUTHWEST GAS CORPORATION				
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 ☐ GAUGE

PIPE TYPE _____ ☐ NITROGEN ☐ CHART

MIN. DURATION _____ ☐ WATER ☐ GAUGE/

TEST PRES. (PSIG) (MAX) _____ (MIN) _____ PRESS REC SN# _____

TIME (HOUR) _____ (STOP) _____

DATE (MM/YY) _____ (STOP) _____

PERFORMED BY: _____

DATE 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 QC'D BY _____ DATE _____

CONSTRUCTION

INSPECTOR _____

FOREMAN _____

REVIEWED BY _____

SEE SHEET 3

PERMIT INFORMATION

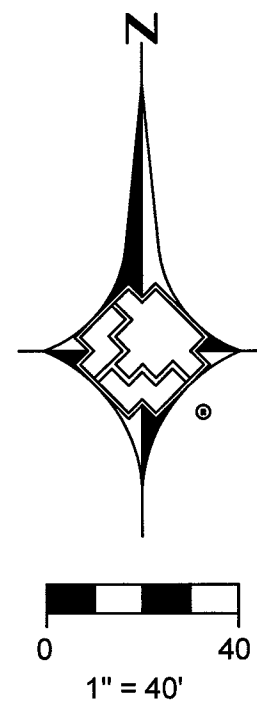
NDOT,

CITY OF LAS VEGAS & CLARK COUNTY

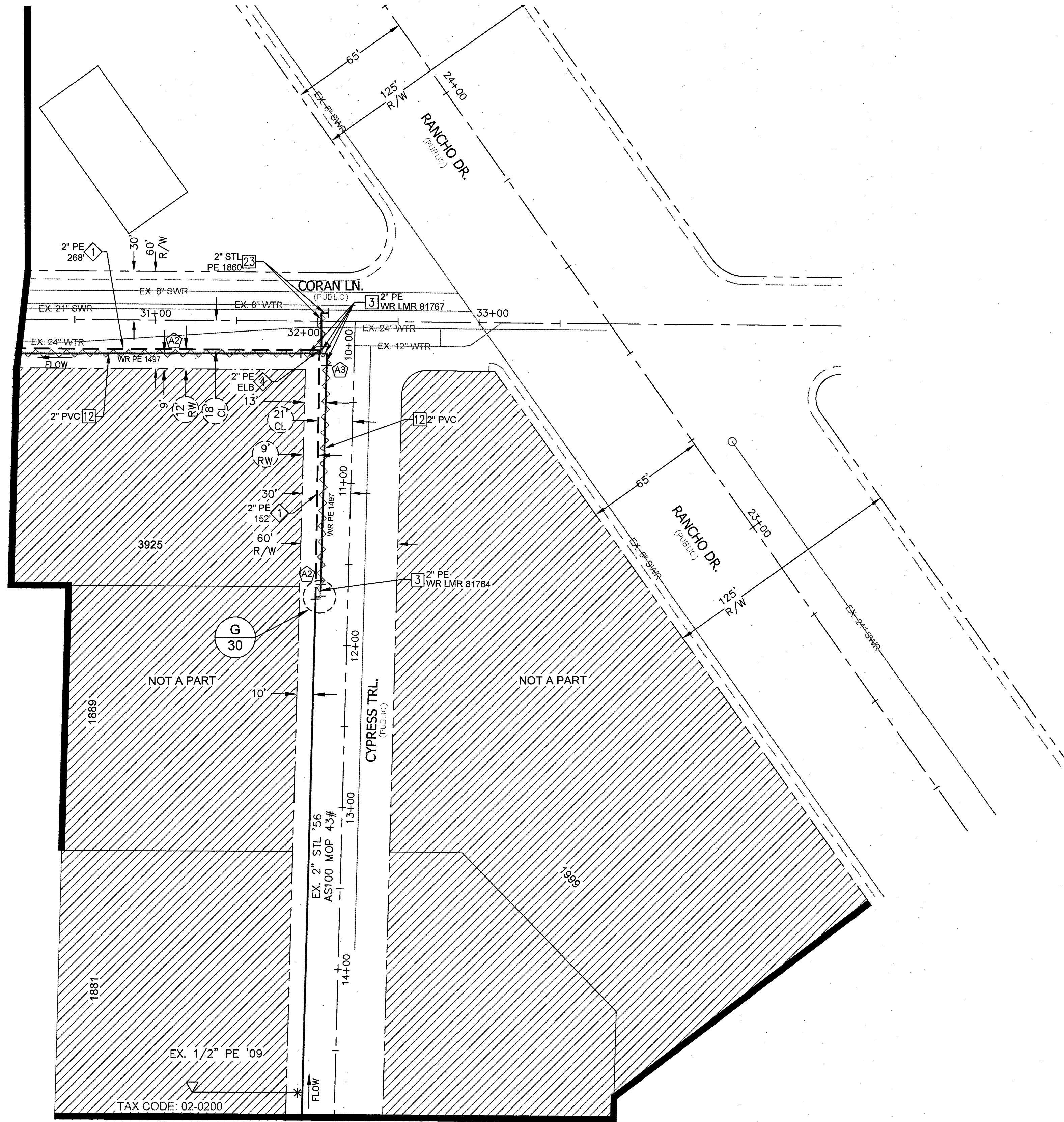
TAX CODE 02-0200, 02-0125

ISOLATION AREA	W.R. NO.	ENGINEER/TECH: TORI DICKEY	PHONE: 702-365-2325
ISO_21_DIST_081	3230315	ACCOUNT REP:	PHONE:
ISO_21_DIST_085		PROJECT CONTACT: TORI DICKEY	PHONE: 702-365-2325
		SHEET NO: 18 OF 34	SCALE: 1" = 40'
		DWN. BY: ZONE ENG.	CHKD. BY: _____
		DATE: 12/30/2016	APPVD. BY: _____
		TITLE	
		GIR 2017-CLV-EASTLAND HEIGHTS	
		DESIGN PLAN	

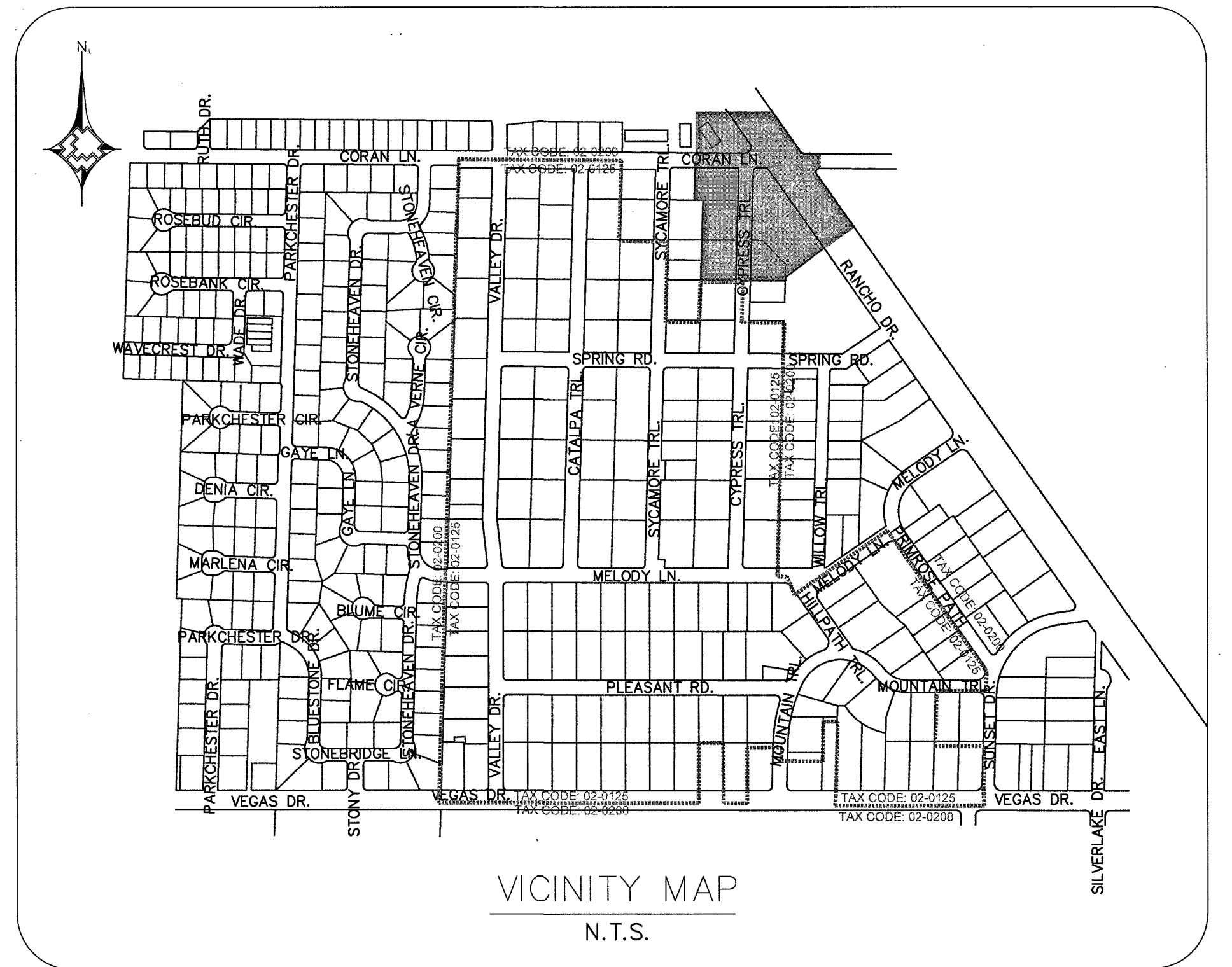
3230315 GIR 2017-CLV-EASTLAND HEIGHTS



MATCHLINE - SEE SHEET 18



MATCHLINE - SEE SHEET 20



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE ELBOW

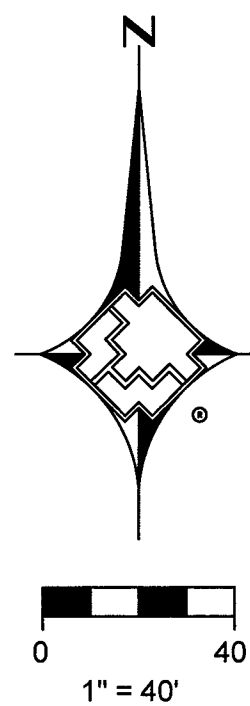
MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
12		3760602	ABANDON EX. 2" PVC '65 MOP 43#
23		3760202	ABANDON EX. 2" STL '67 MOP 43#

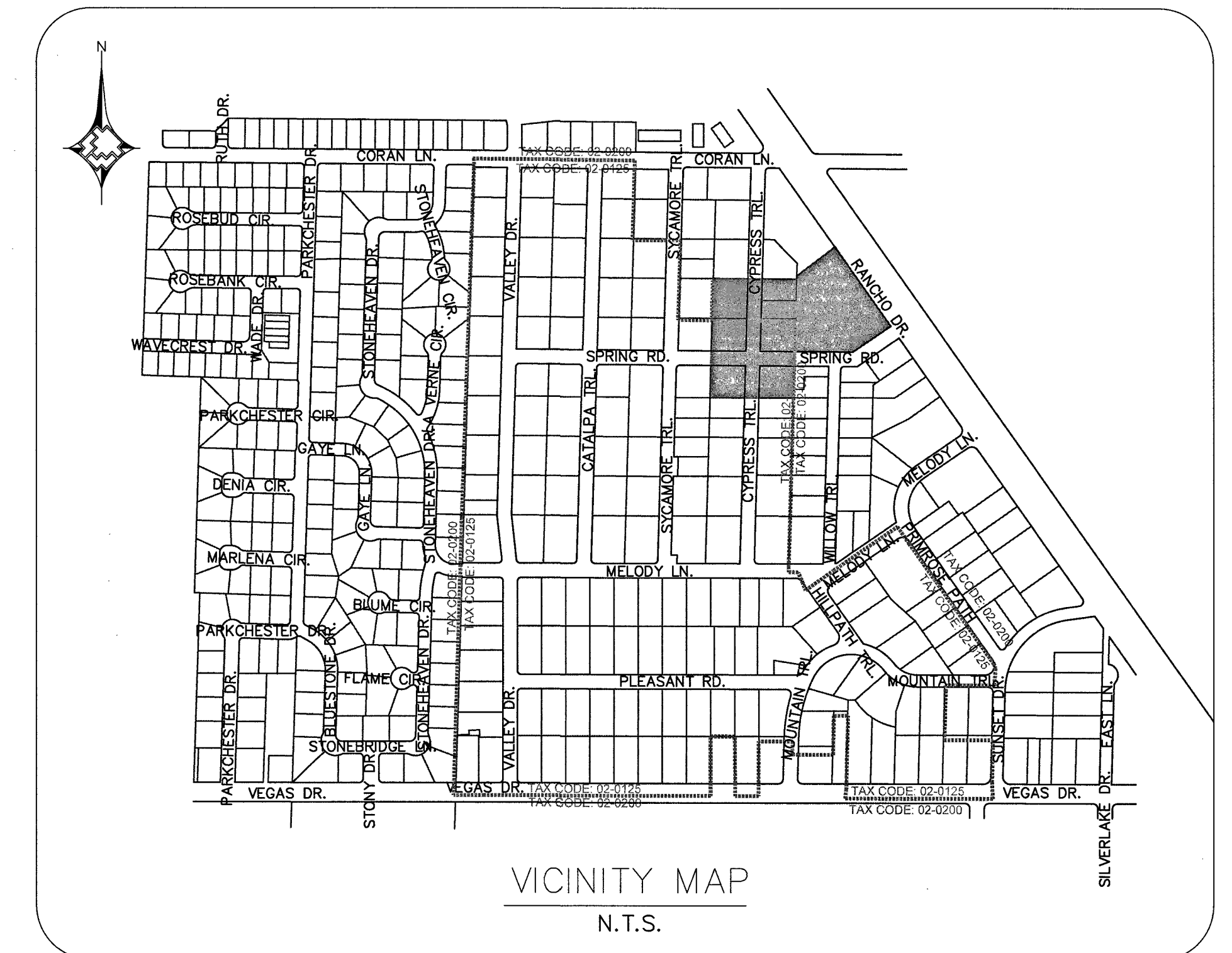
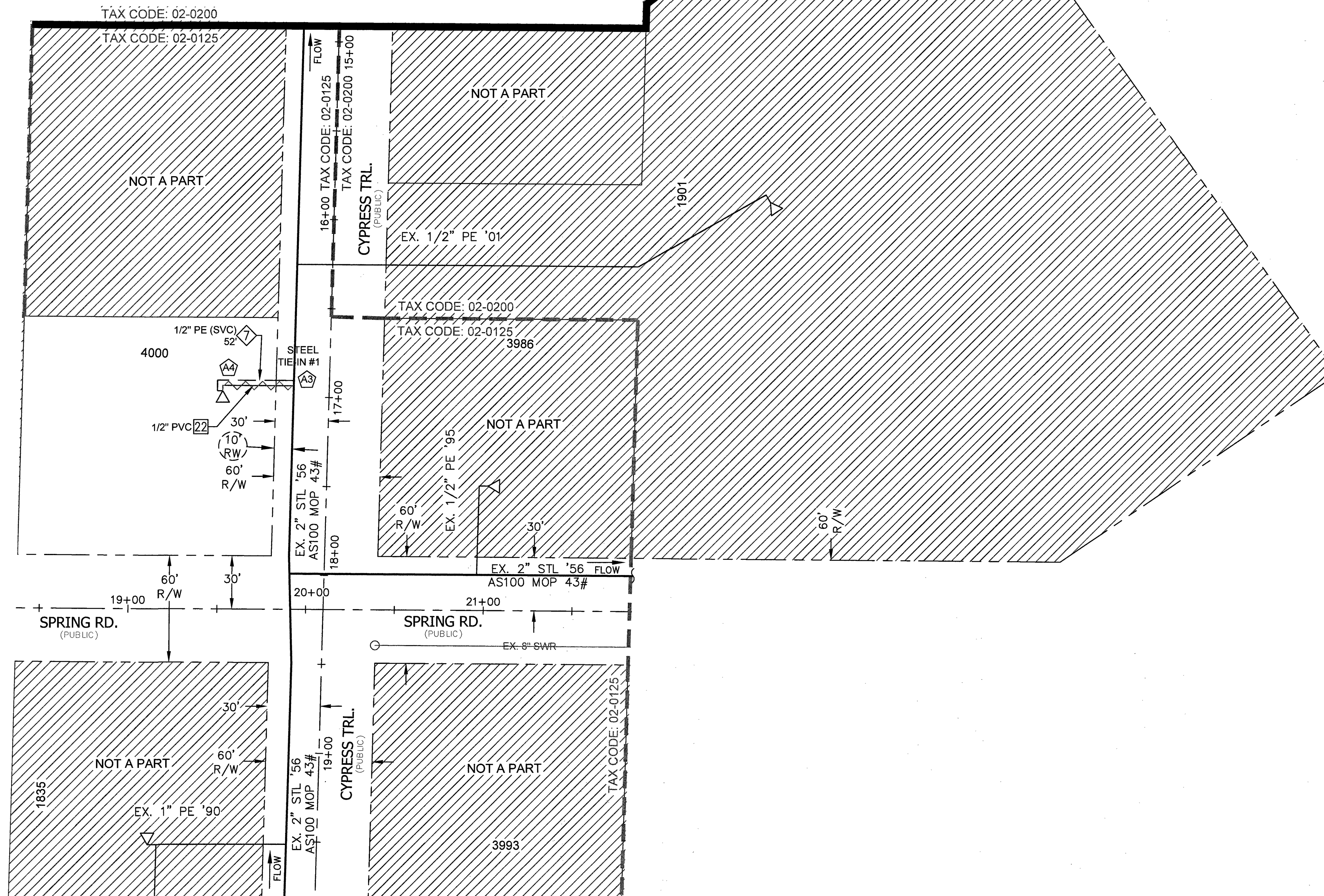
RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):
A1 500.3
A2 500.4
A3 500.5
A4 503



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. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ TIME (HOURS) (STOP) _____ DATE (START) _____ PERFORMED BY: _____ DATE VERIFIED 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				CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWER BY _____ SEE SHEET 3				PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125				ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085				W.R. NO. 3230315				ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 19 OF 34 SCALE: 1" = 40' DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____				PHONE: 702-365-2325 PHONE: 702-365-2325 DATE: 12/30/2016			
SOUTHWEST GAS CORPORATION												GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN																																							



MATCHLINE - SEE SHEET 19



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
7		101-8501	PROPOSED 1/2" PE SERVICE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
22		3800601	ABANDON EX. 1/2" PVC '70 (SVC)



Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

Encroachment Permit

By: _____
Date: _____

- RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):
- A1 500.3
 - A2 500.4
 - A3 500.5
 - A4 503

NO.	DESCRIPTION	BY	DATE	APPVD.
REVISIONS				
PROPERTY UNITS				
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED

AS-BUILT DRAWING-PRESSURE TEST DATA

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

INDIVIDUAL PERFORMING VISUAL INSPECTION
VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSING, 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

NDOT,
CITY OF LAS VEGAS & CLARK COUNTY
TAX CODE 02-0200, 02-0125

ISOLATION AREA	W.R. NO.
ISO_21_DIST_081 ISO_21_DIST_085	3230315
LOCATION	ATLAS #/TILE #
SEC 19 T20S R61E	x612y626 x612y624 x615y628 x615y624 x612y622

ENGINEER/TECH: TORI DICKEY	PHONE: 702-365-2325
ACCOUNT REP:	PHONE:
PROJECT CONTACT: TORI DICKEY	PHONE: 702-365-2325
SHEET NO: 20 OF 34	SCALE: 1" = 40'
DWN BY: ZONE ENG.	CHKD BY: DATE: 12/30/2016
APPVD BY:	

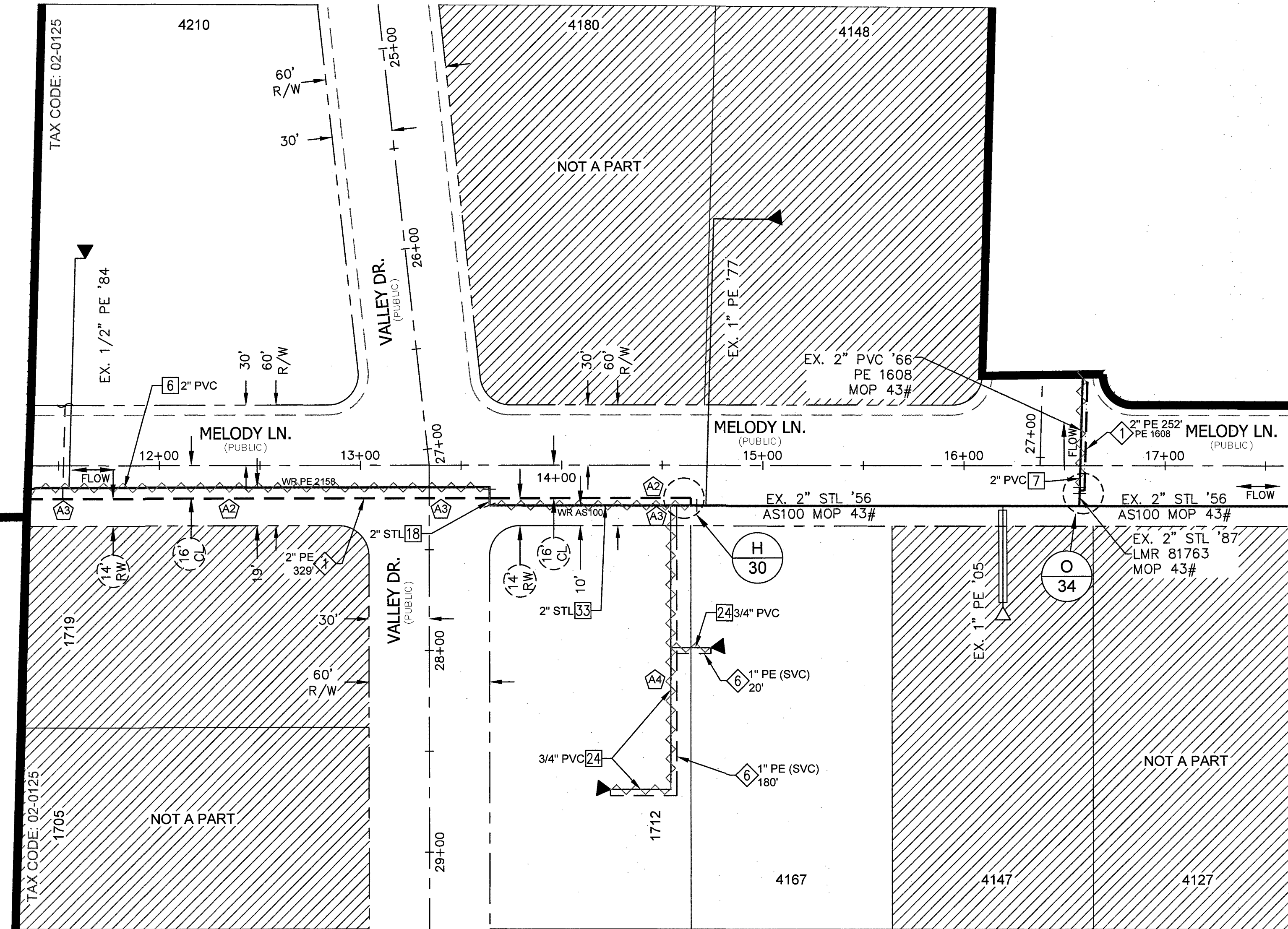
TITLE

GIR 2017-CLV-EASTLAND HEIGHTS
DESIGN PLAN

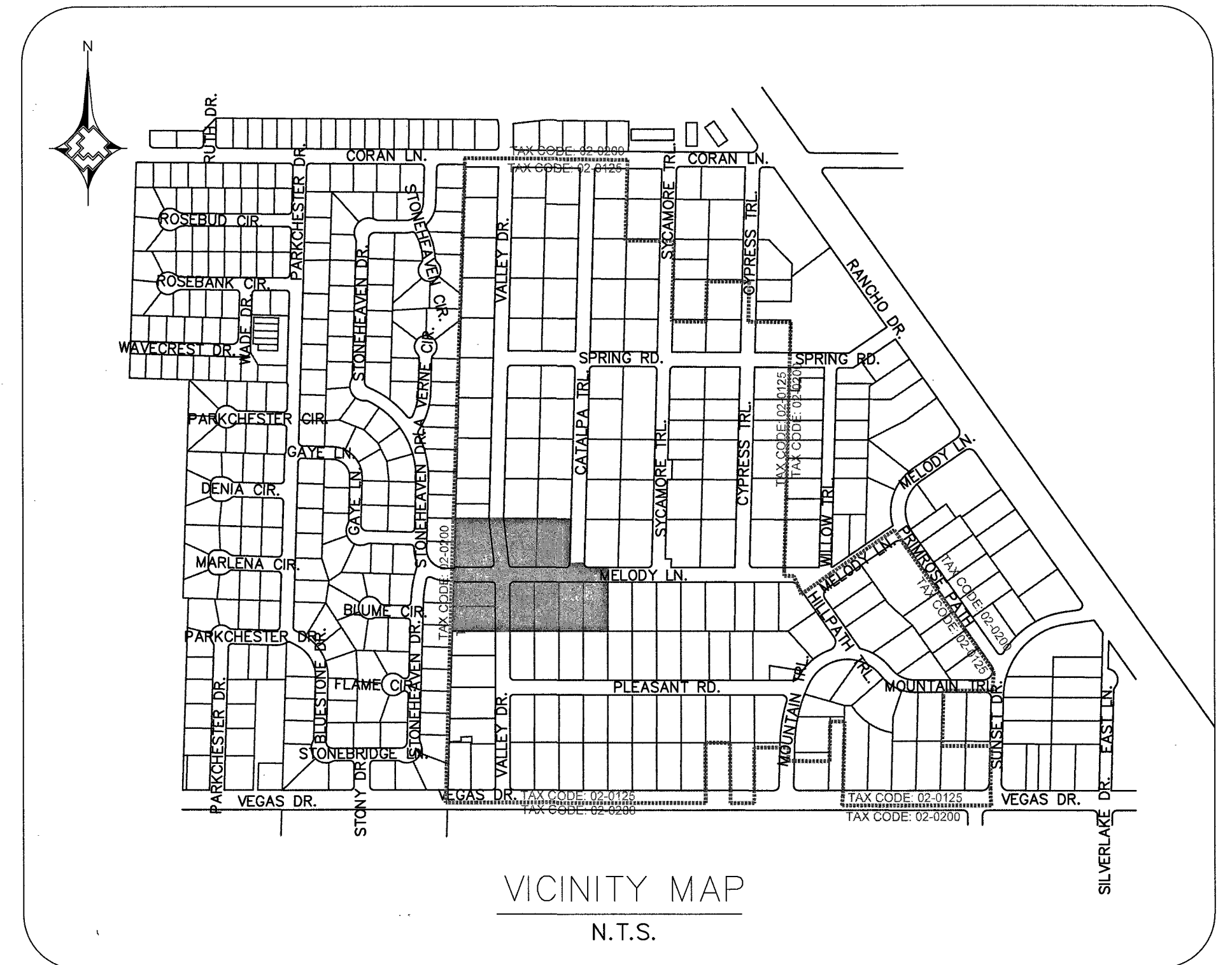


MATCHLINE - SEE SHEET 14

MATCHLINE - SEE SHEET 13

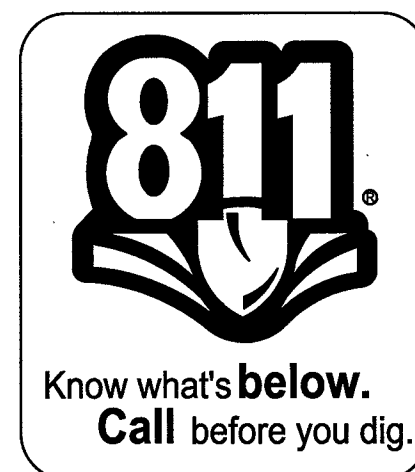


MATCHLINE - SEE SHEET 22



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
6		101-8526	PROPOSED 1" PE SERVICE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
18		3760202	ABANDON EX. 2" STL '68 MOP 43#
33		3760202	ABANDON EX. 2" STL '56 MOP 43#
45		3800601	ABANDON EX. 3/4" PVC '56 (SVC)



Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

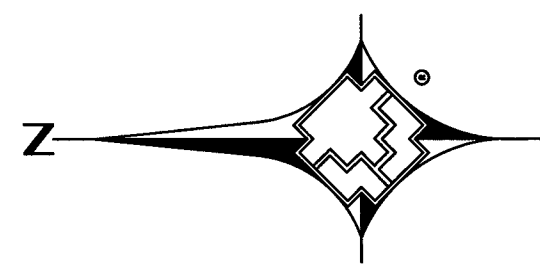
Encroachment Permit

By: _____
Date: _____

RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

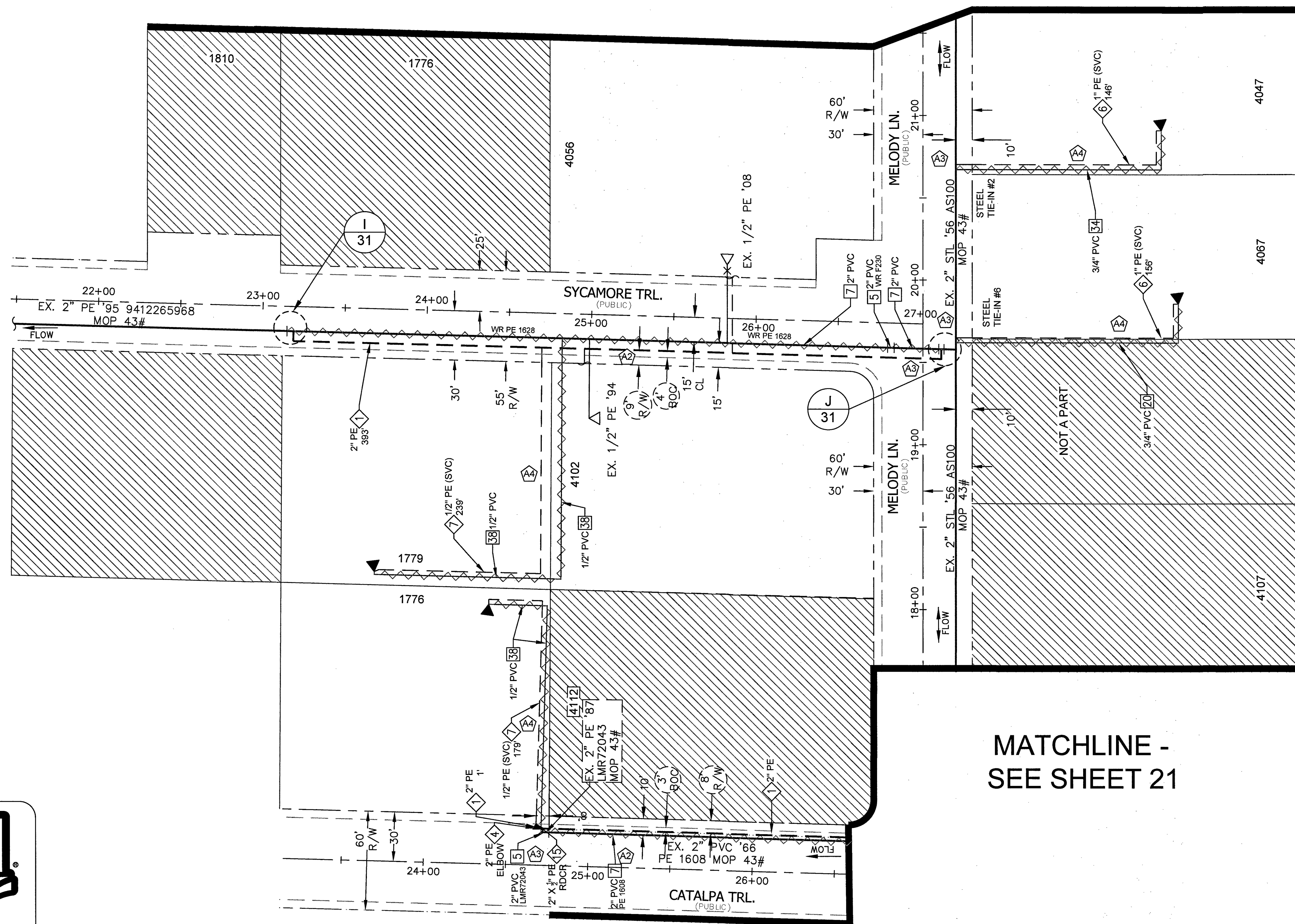
- A1 500.3
- A2 500.4
- A3 500.5
- A4 503

1. _____	AS-BUILT DRAWING-PRESSURE TEST DATA	INDIVIDUAL PERFORMING VISUAL INSPECTION	CONSTRUCTION	ISOLATION AREA	W.R. NO.	ENGINEER/TECH: TORI DICKEY	PHONE: 702-365-2325
2. _____	TEST MEDIUM TEST METHOD	VISUAL INSPECTION CERTIFICATION	INSPECTOR	ISO_21_DIST_081	3230315	ACCOUNT REP:	PHONE:
3. _____	PIPE DIA. _____	I HAVE VISUALLY INSPECTED ALL HEATED FUSION, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS. I HAVE PERFORMED _____	FOREMAN	ISO_21_DIST_085		PROJECT CONTACT: TORI DICKEY	PHONE: 702-365-2325
4. _____	PIPE LENGTH _____	NAME _____ DATE _____	REVIEWED BY			SHEET NO: 21 OF 34	SCALE: 1" = 40'
NO. _____	DESCRIPTION _____	DATE (START) _____ DATE (STOP) _____	PERMIT INFORMATION	LOCATION	ATLAS #/TITLE #	DWN. BY: ZONE ENG.	CHKD. BY: _____
	REVISIONS	TIME (HOUR) _____	NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	SEC 19 T20S R61E	x812y626 x812y624 x812y622	APPVD. BY: _____	
	TAX CODES	PROPERTY UNITS					
	UNIT NO.	INSTL. RETIRED					
	UNIT TYPE	PROPOSED COMPLETED					



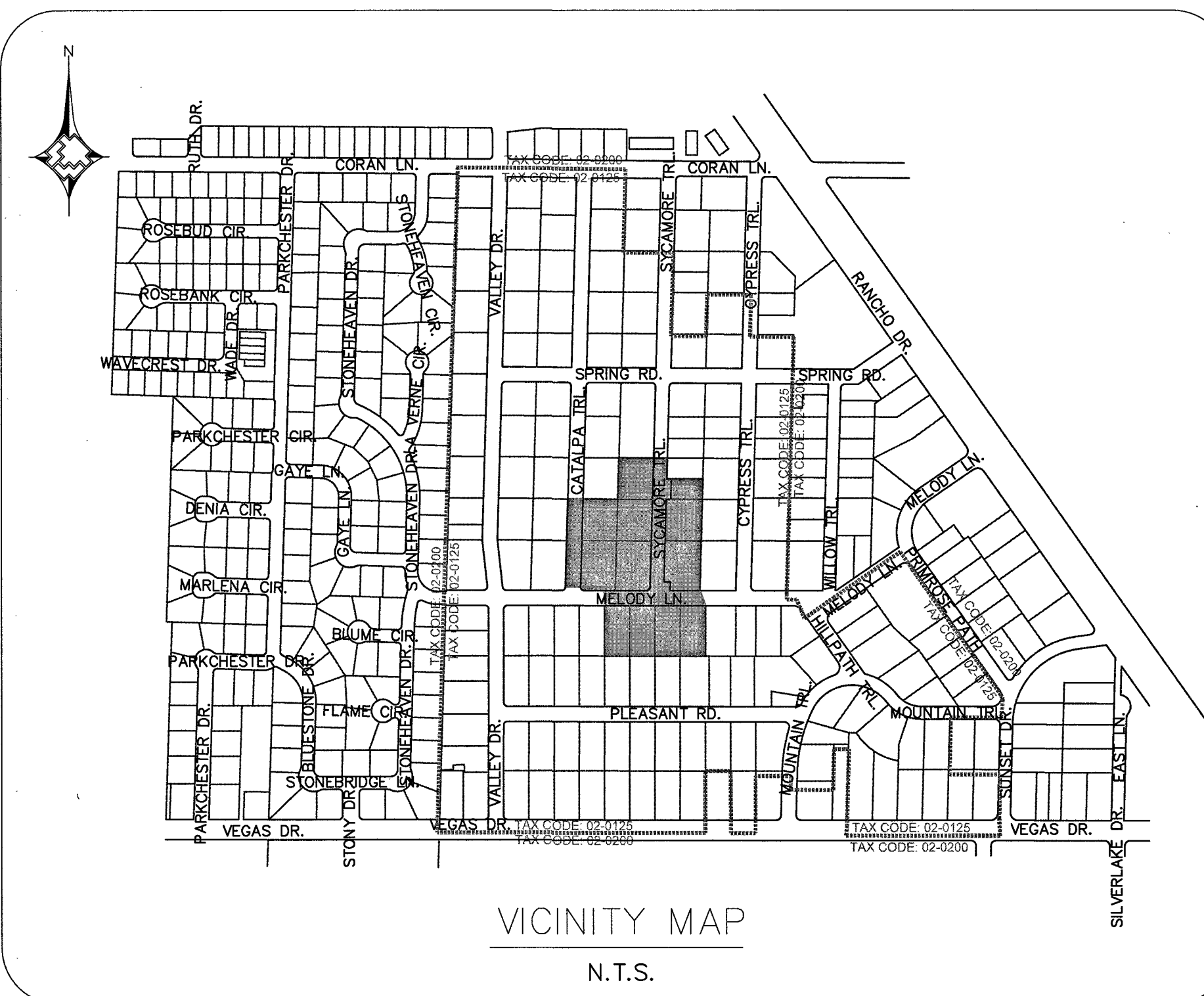
0 1" = 40' 40

MATCHLINE - SEE SHEET 23



MATCHLINE -
SEE SHEET 21

MATCHLINE - SEE SHEET 26



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
6		101-8526	PROPOSED 1" PE SERVICE
7		101-8501	PROPOSED 1/2" PE SERVICE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
5		3760602	ABANDON EX. 2" PVC '73 MOP 43#
7		3760602	ABANDON EX. 2" PVC '66 MOP 43#
20		3800601	ABANDON EX. 3/4" PVC '57 (SVC)
34		3800601	ABANDON EX. 3/4" PVC '55 (SVC)
38		3800601	ABANDON EX. 1/2" PVC '66 (SVC)

Clark County Public Works
Development Review
APPROVED FOR PERMITTING

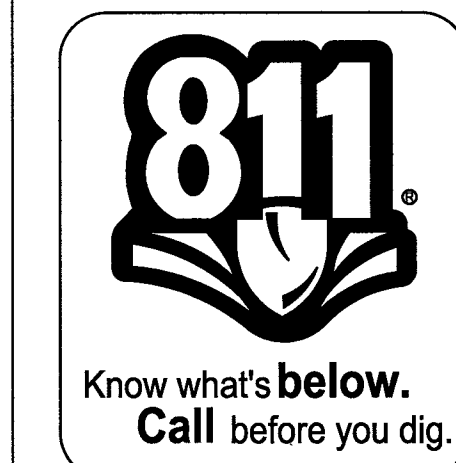
Night Work - Yes No

Encroachment Permit

By: _____
Date: _____

RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

A1 500.3
A2 500.4
A3 500.5
A4 503



NO.	DESCRIPTION	BY	DATE	APPVD.
REVISIONS				
SOUTHWEST GAS CORPORATION				

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

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____

PIPE LENGTH _____ ☐ AIR ☐ GAUGE

PIPE TYPE _____ ☐ NITROGEN ☐ CHART

MIN. DURATION _____ ☐ SOAP ☐ GAUGE/ PRESS REC SN#

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

TIME (HOUR) (STOP) _____

DATE (START) _____ (STOP) _____

PERFORMED BY: _____

VERIFIED 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 QC'D BY _____ DATE _____

CONSTRUCTION

INSPECTOR _____

FOREMAN _____

REVIEWED BY _____

SEE SHEET 3

PERMIT INFORMATION

NDOT,
CITY OF LAS VEGAS & CLARK COUNTY
TAX CODE 02-0200, 02-0125

ISOLATION AREA

ISO_21_DIST_081
ISO_21_DIST_085

W.R. NO. 3230315

LOCATION SEC 19
T20S R61E

ATLAS #/TITLE #
x812y526
x812y524
x815y526
x815y524
x812y522

ENGINEER/TECH: TORI DICKEY
ACCOUNT REP: _____
PROJECT CONTACT: TORI DICKEY
SHEET NO: 22 OF 34 SCALE: 1" = 40' DATE: 12/30/2016
DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____

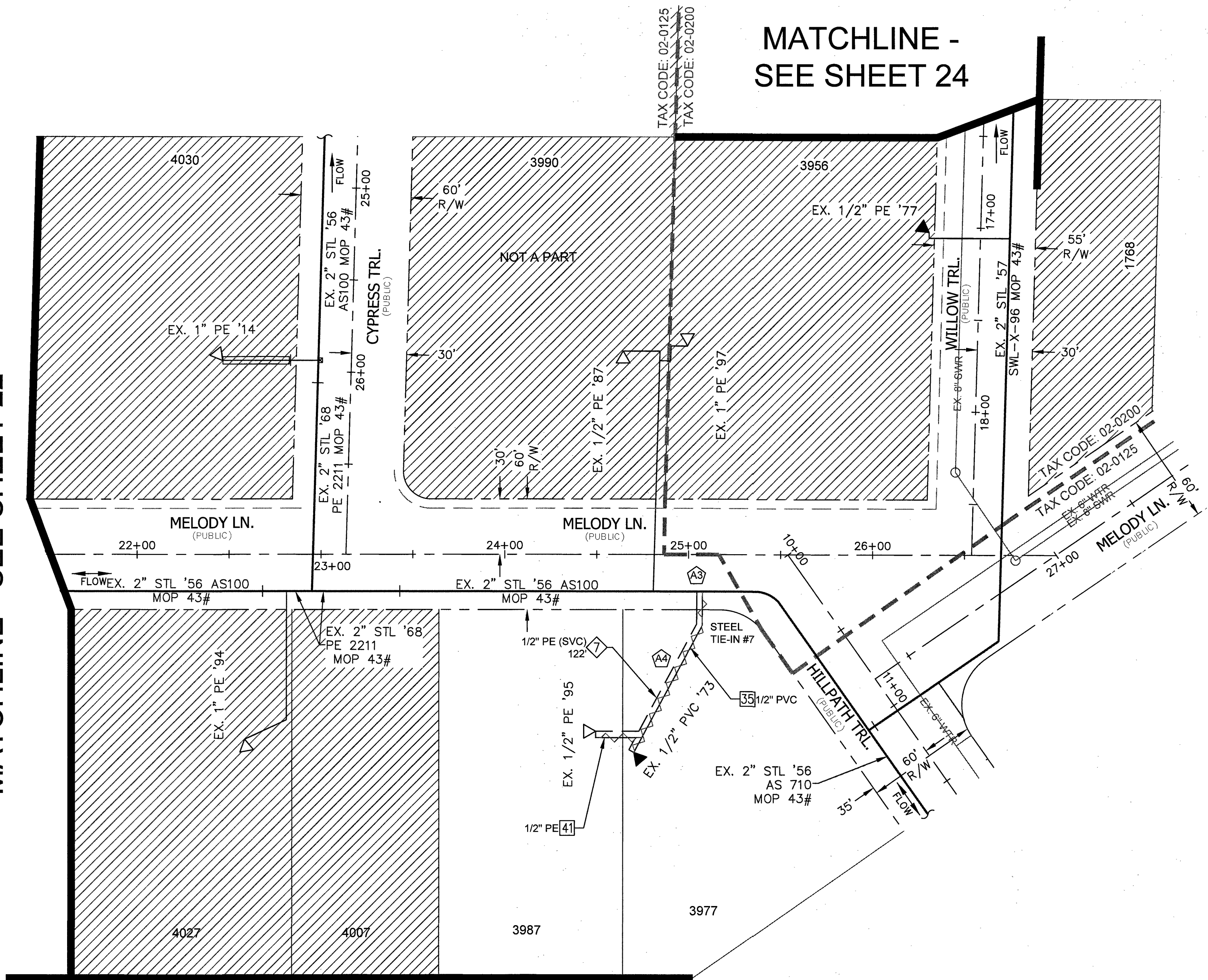
TITLE

GIR 2017-CLV-EASTLAND HEIGHTS
DESIGN PLAN

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



MATCHLINE - SEE SHEET 22



MATCHLINE - SEE SHEET 26



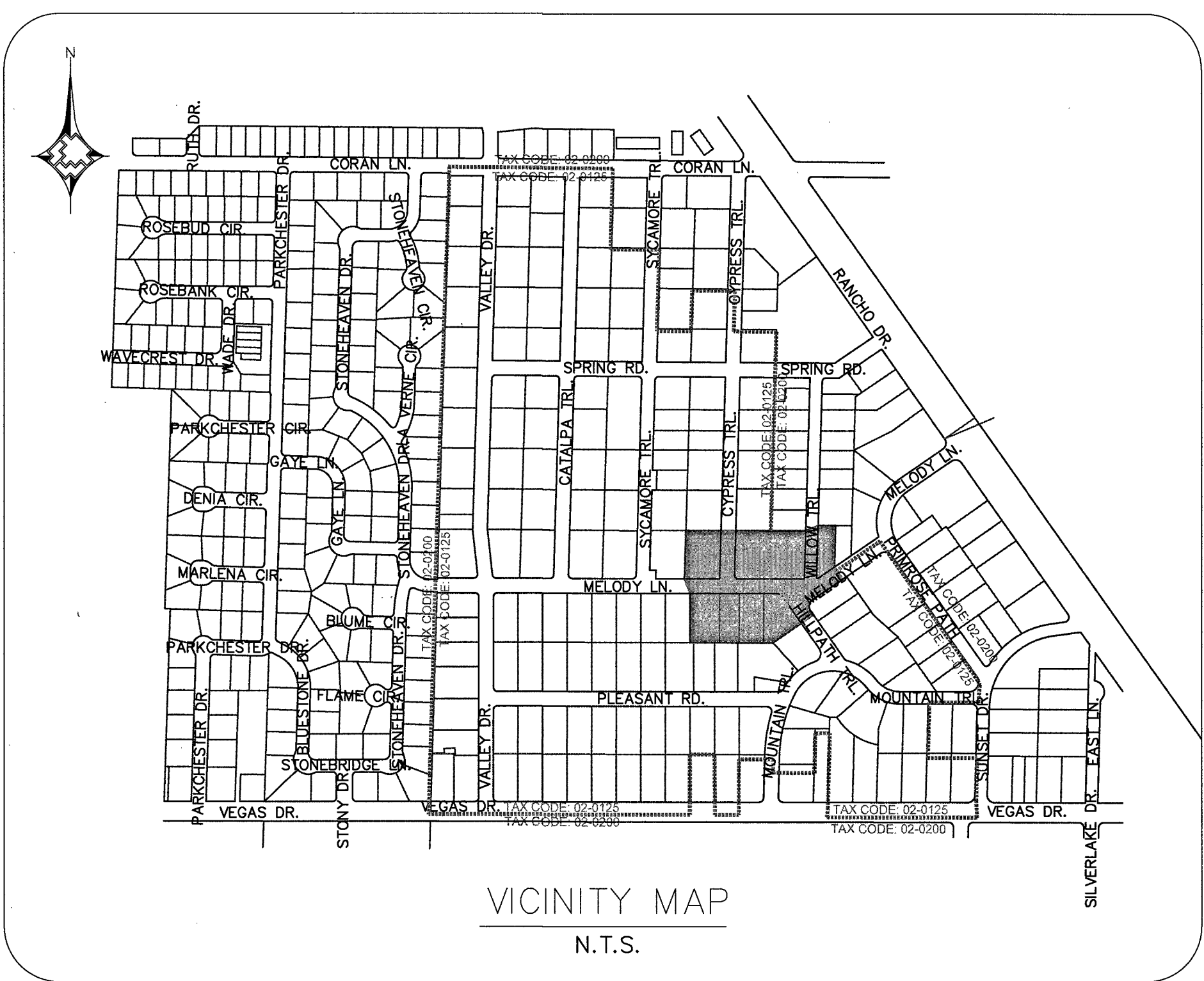
Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

Encroachment Permit

By: _____
Date: _____

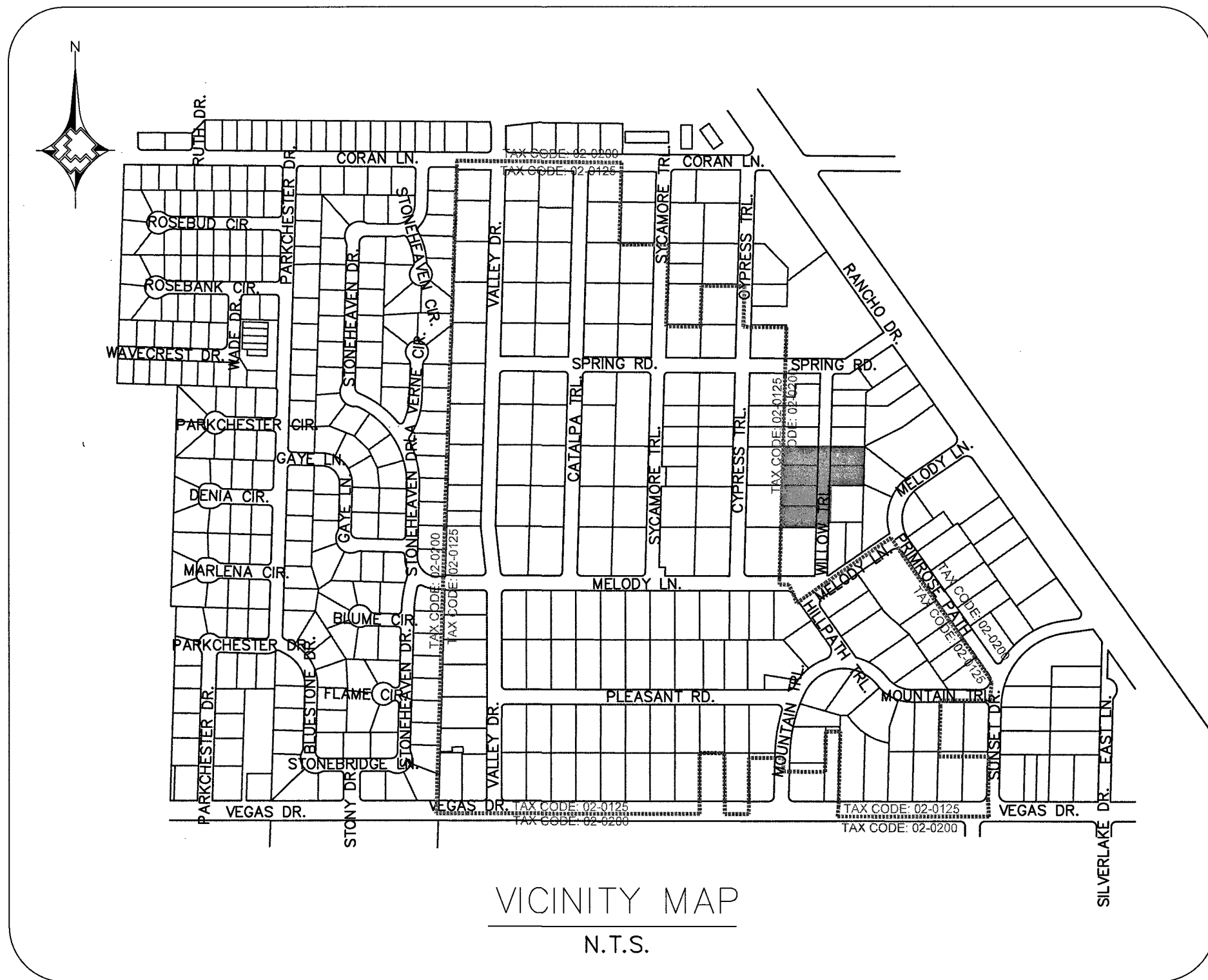
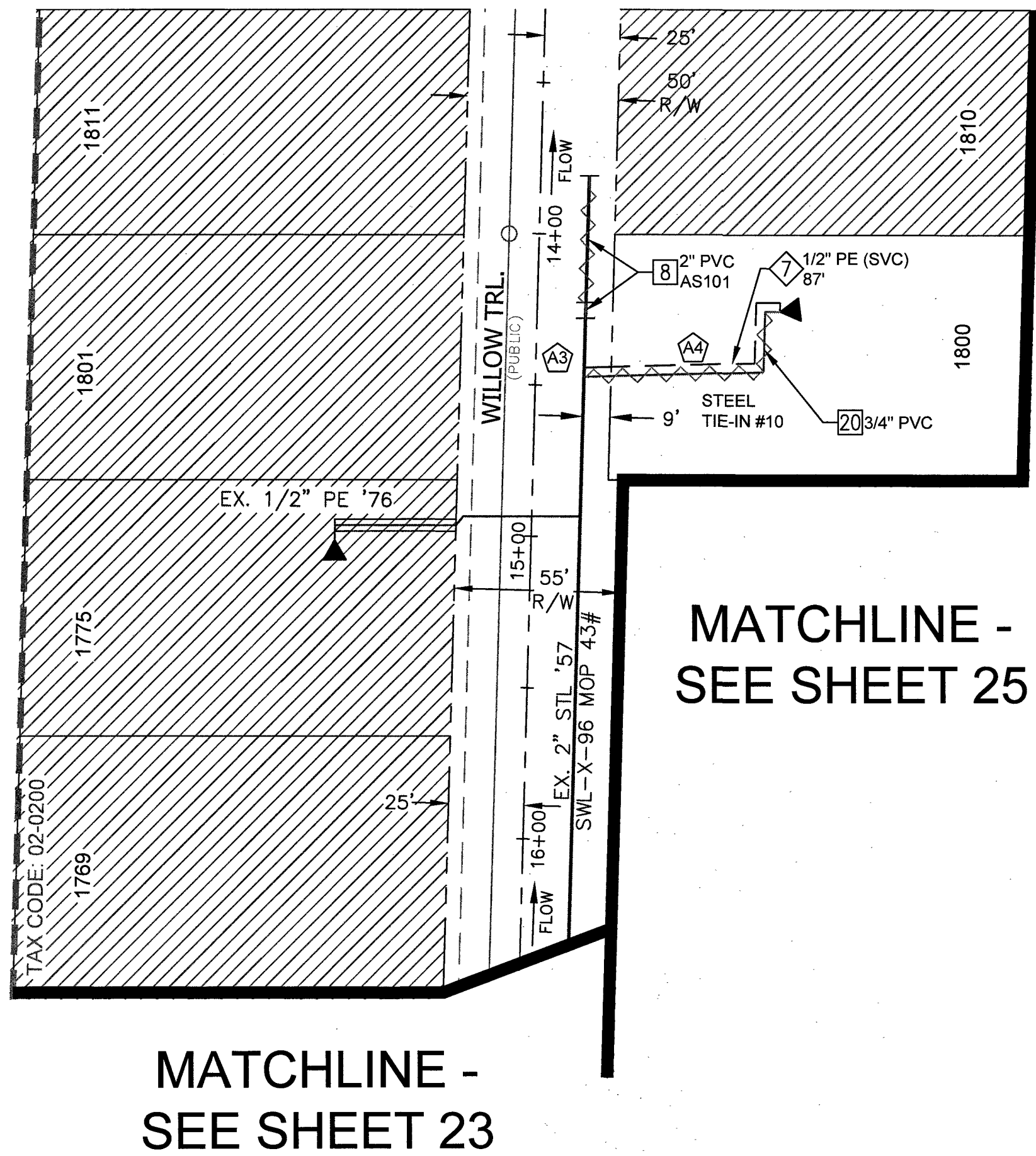
- RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):
- A1 500.3
 - A2 500.4
 - A3 500.5
 - A4 503



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
7		101-8501	PROPOSED 1/2" PE SERVICE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
35		3800601	ABANDON EX. 1/2" PVC '73 (SVC)
41		3800101	ABANDON EX. 1/2" PE '95 (SVC)

1. _____ 2. _____ 3. _____ 4. _____ NO. DESCRIPTION BY DATE APPVD.	REVISIONS 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 PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____ PIPE LENGTH _____ GAUGE _____ PIPE TYPE _____ CHART _____ MIN. DURATION _____ SOAP GAUGE/ PRESS REC SN# _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME _____ (STOP) _____ DATE (START) _____ (STOP) _____ PERFORMED BY: _____ DATE 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 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 NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085 W.R. NO. 3230315 LOCATION SEC 19 T20S R61E ATLAS #/TILE # x612y526 x612y524 x615y526 x615y524 x612y522	ENGINEER/TECH: TORI DICKEY PHONE: 702-365-2325 ACCOUNT REP: PHONE: 702-365-2325 PROJECT CONTACT: TORI DICKEY SHEET NO: 23 OF 34 SCALE: 1" = 40' DATE: 12/30/2016 DWN. BY: ZONE ENG. CHKD. BY: APPVD. BY: TITLE GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN
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MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
7		3760101	PROPOSED 1/2" PE SERVICE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
8		3760602	ABANDON EX. 2" PVC '67 MOP 43#
20		3760601	ABANDON EX. 3/4" PVC '57 (SVC)

- RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):
- A1 500.3
 - A2 500.4
 - A3 500.5
 - A4 503



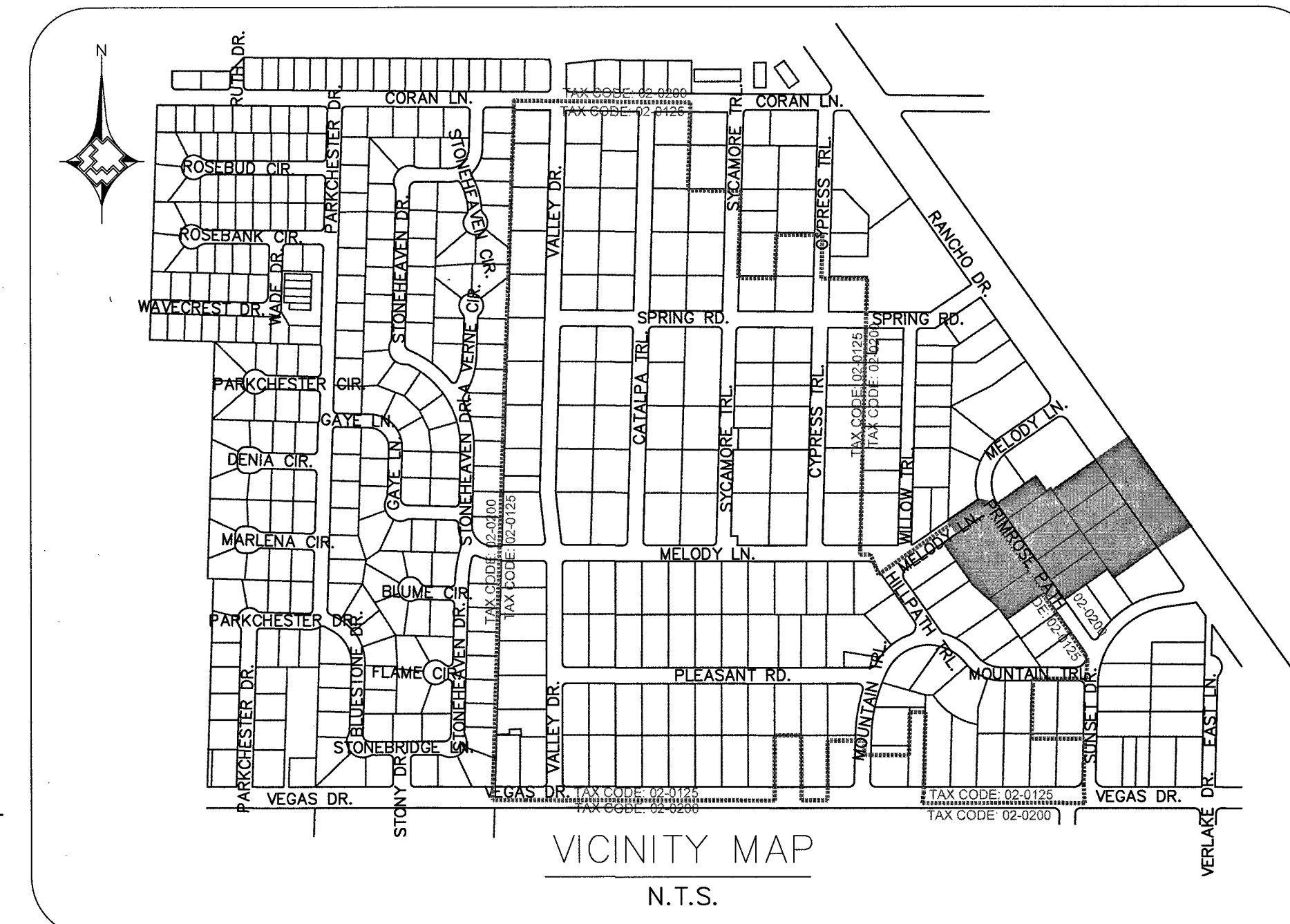
1. _____ 2. _____ 3. _____ 4. _____ NO. DESCRIPTION BY DATE APPVD.	REVISIONS	TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED	PROPERTY UNITS	AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (HOURS) _____ (STOP) _____ DATE (START) _____ (STOP) _____ PERFORMED BY: _____ DATE VERIFIED BY: _____	INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSING, SOLVENT CEMENT, MECHANICAL JOIN T.S., AND WELDS THAT HAVE PERFORMED NAME _____ DATE _____ SEE SHEET 3	CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ SEE SHEET 3	ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085	W.R. NO. 3230315	ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 24 OF 34 DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____ PHONE: 702-365-2325 PHONE: 702-365-2325 DATE: 12/30/2016
SOUTHWEST GAS CORPORATION								PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	LOCATION SEC 19 T20S R61E	ATLAS #/TILE # x612y626 x612y624 x615y626 x615y624 x612y622	GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN		

MATCHLINE
SEE SHEET 23

SWG FACILITIES IN NDOT R/W
FOR NDOT R/W PERMIT ONLY

NEW GAS FACILITIES
ABANDONED GAS FACILITIES
EXISTING GAS FACILITIES

NDOT INFO	
BEGIN CONSTRUCTION	STA "Lm":17+66.707
REFERENCE POINT STA	STA "Lm":13+69.234
DISTANCE FROM REFERENCE POINT TO BEGIN CONSTRUCTION	1,303.80'
LENGTH OF PIPE INSTALLED IN NDOT R.O.W.	22'



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
6		101-8526	PROPOSED 1" PE SERVICE
7		101-8501	PROPOSED 1/2" PE SERVICE
13		850-8823	PROPOSED 1" PE COUPLING
16		850-8830	PROPOSED 1" X 1/2" PE REDUCER
17		850-9014	PROPOSED 1" PE 90° ELBOW

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)

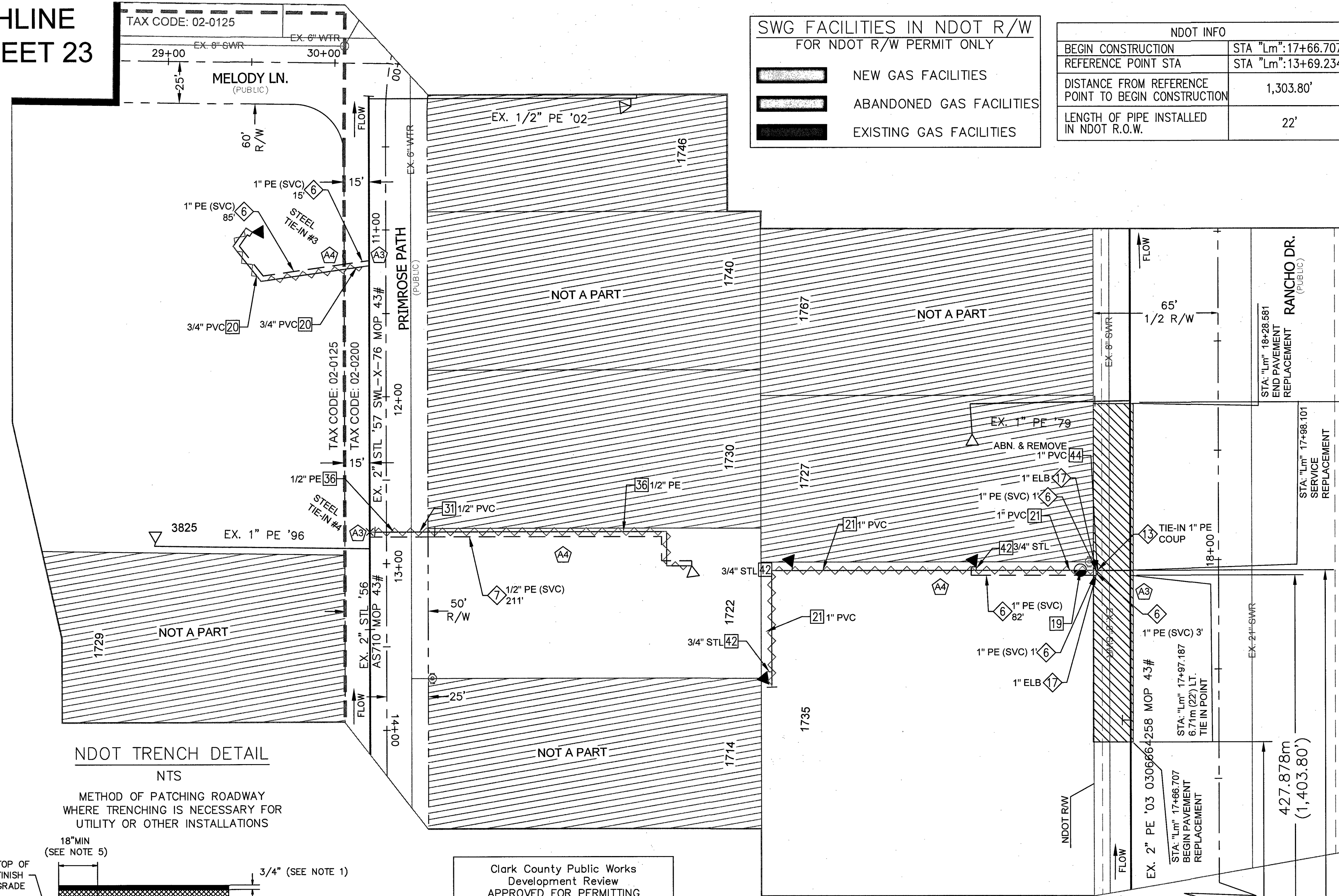
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
6		101-8526	PROPOSED 1" PE SERVICE

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)

ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
19			ABANDON EX. 1" NON-ESSENTIAL BALL VALVE #2125403
20		3800601	ABANDON EX. 3/4" PVC '57 (SVC)
21		3800601	ABANDON EX. 1" PVC '71 (SVC)
31		3800601	ABANDON EX. 1/2" PVC '65 (SVC)
36		3800101	ABANDON EX. 1/2" PE '92 (SVC)
42		3800201	ABANDON EX. 3/4" STL '71 (SVC)
44		3800601	ABANDON AND REMOVE EX. 1" PVC '71 (SVC)

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)

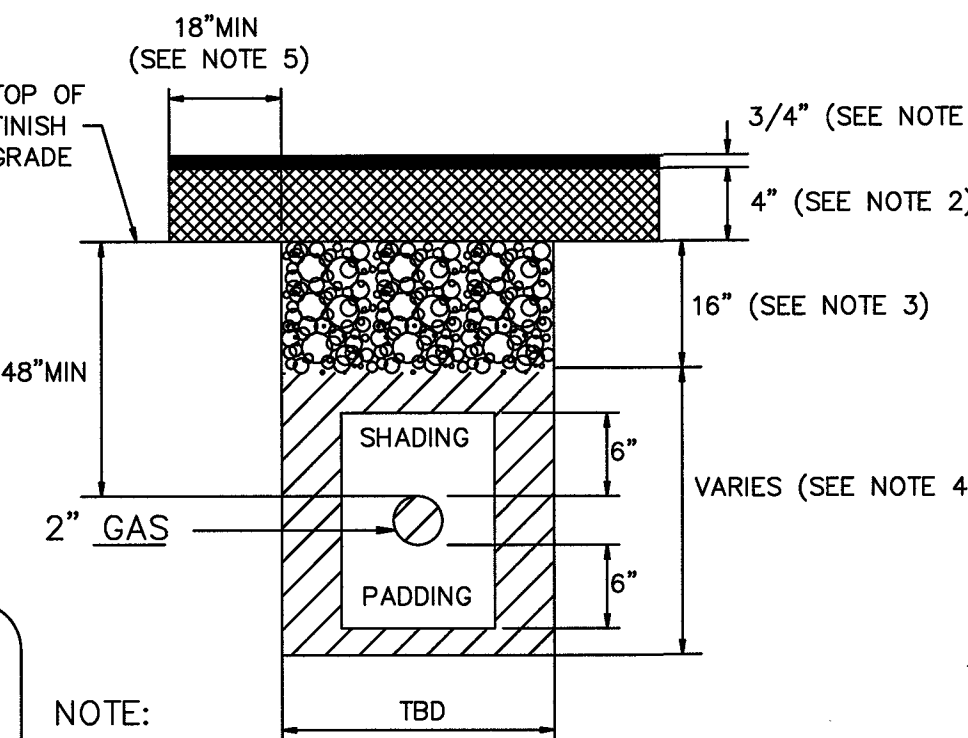
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
20		3760601	ABANDON EX. 3/4" PVC '57 (SVC)



NDOT TRENCH DETAIL

NTS

METHOD OF PATCHING ROADWAY
WHERE TRENCHING IS NECESSARY FOR
UTILITY OR OTHER INSTALLATIONS



RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

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

APPROVALS:

NEVADA DEPARTMENT OF TRANSPORTATION

STA: "Lm" 13+69.234
NDOT REFERENCE POINT

VEGAS DR.
(PUBLIC)



NOTE:

- 1. 3/4" INCH OPEN GRADE
- 2. 4" INCH MINIMUM DENSE GRADE OR MATCH EXISTING, WHICHEVER IS GREATER.
- 3. BASE AGGREGATE (AS PER NDOT SPECIFICATIONS; SECTION 704). A MINIMUM OF 16 INCHES TO BE LAID IN MAXIMUM 8 INCH LOOSE LIFTS. 95% COMPACTION REQUIRED.
- 4. BACKFILL WITH SELECT MATERIAL TO BOTTOM OF BASE AGGREGATE (AS PER NDOT SPECIFICATIONS; SECTION 207). 90% COMPACTION REQUIRED.
- 5. LIMITS OF PAVING TO BE DETERMINED BY THE NDOT INSPECTOR.

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

REVISIONS



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

AS-BUILT DRAWING-PRESSURE TEST DATA		
	TEST MEDIUM	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: _____		
DATE VERIFIED BY: _____		

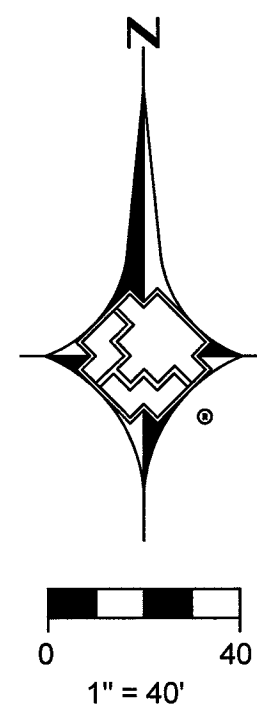
INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION	
I HAVE VISUALLY INSPECTED ALL HEATED FUSION JOINTS, MECHANICAL JOINTS, AND WELDS. I HAVE PERFORMED _____	
NAME _____	DATE _____
SEE SHEET 3	
AS-BUILTS ACCEPTED BY _____	DATE _____
POSTED BY _____	DATE _____
POSTING Q/C'D BY _____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

CONSTRUCTION	
INSPECTOR _____	DATE _____
FOREMAN _____	DATE _____
REVIEWED BY _____	DATE _____
SEE SHEET 3	
PERMIT INFORMATION	
NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	

ISOLATION AREA	W.R. NO.
ISO_21_DIST_081 ISO_21_DIST_085	3230315
LOCATION	ATLAS #/TILE #
SEC 19 T20S R61E	x612y526 x612y524 x615y526 x615y524 x612y522

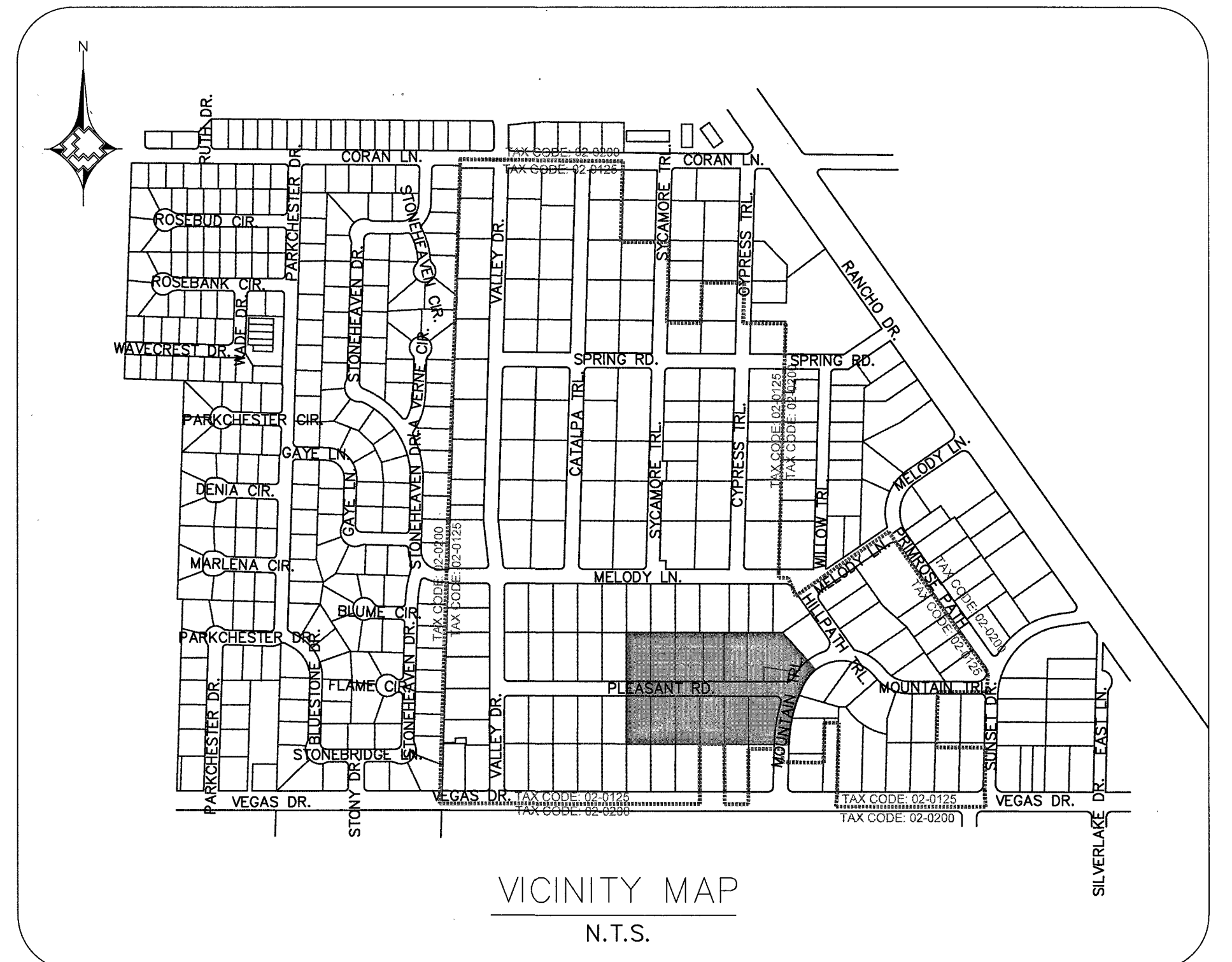
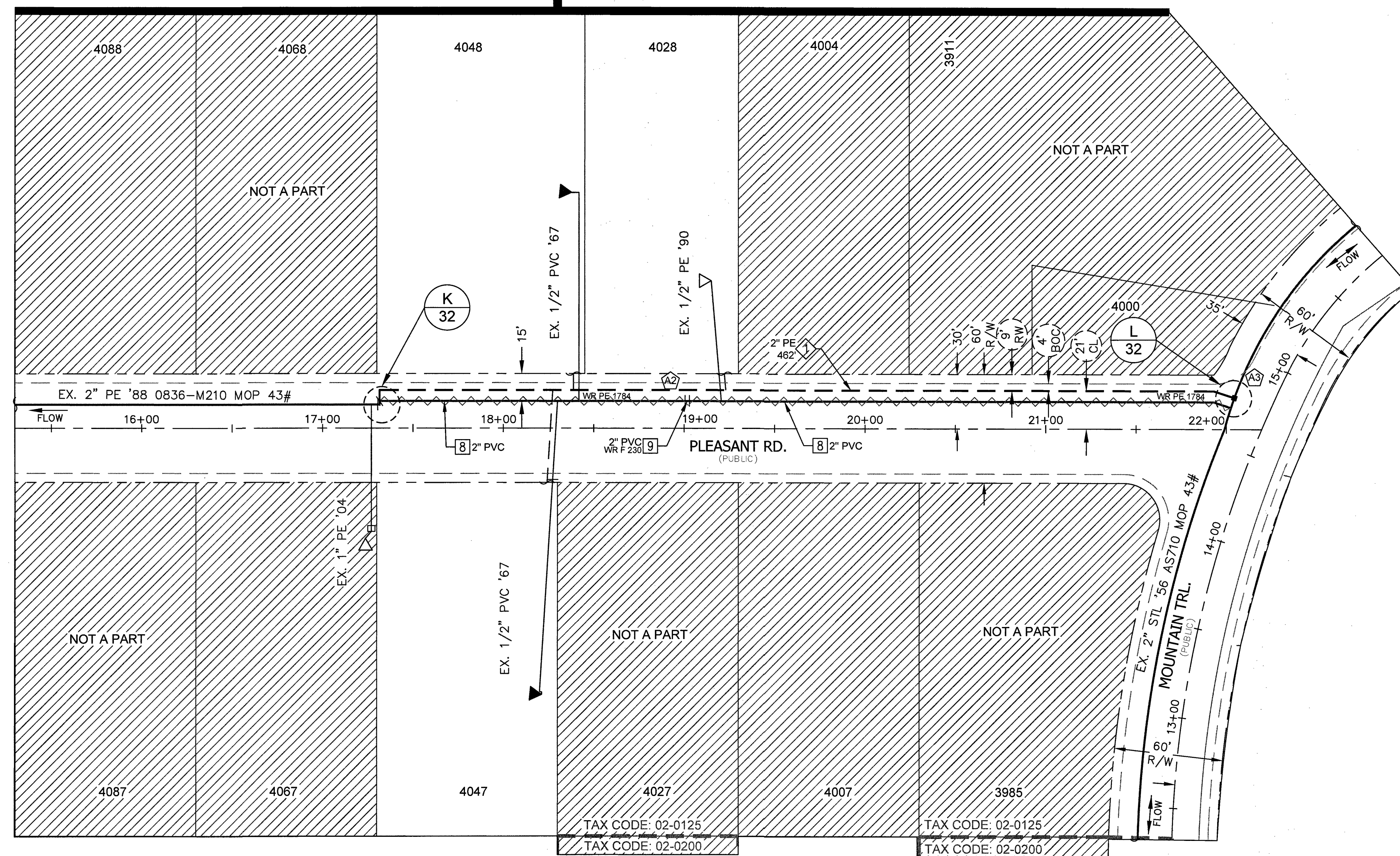
ENGINEER/TECH: TORI DICKEY	PHONE: 702-365-2325
ACCOUNT REP:	PHONE: 702-365-2325
PROJECT CONTACT: TORI DICKEY	DATE: 12/30/2016
SHEET NO: 25 OF 34	SCALE: 1" = 40'
DWN. BY: ZONE ENG.	CHKD. BY: APPVD. BY:
TITLE	
GIR 2017-CLV-EASTLAND HEIGHTS	DESIGN PLAN

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



MATCHLINE - SEE SHEET 22

MATCHLINE - SEE SHEET 23



MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
8		3760602	ABANDON EX. 2" PVC '67 MOP 43#
9		3760602	ABANDON EX. 2" PVC '76 MOP 43#



Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

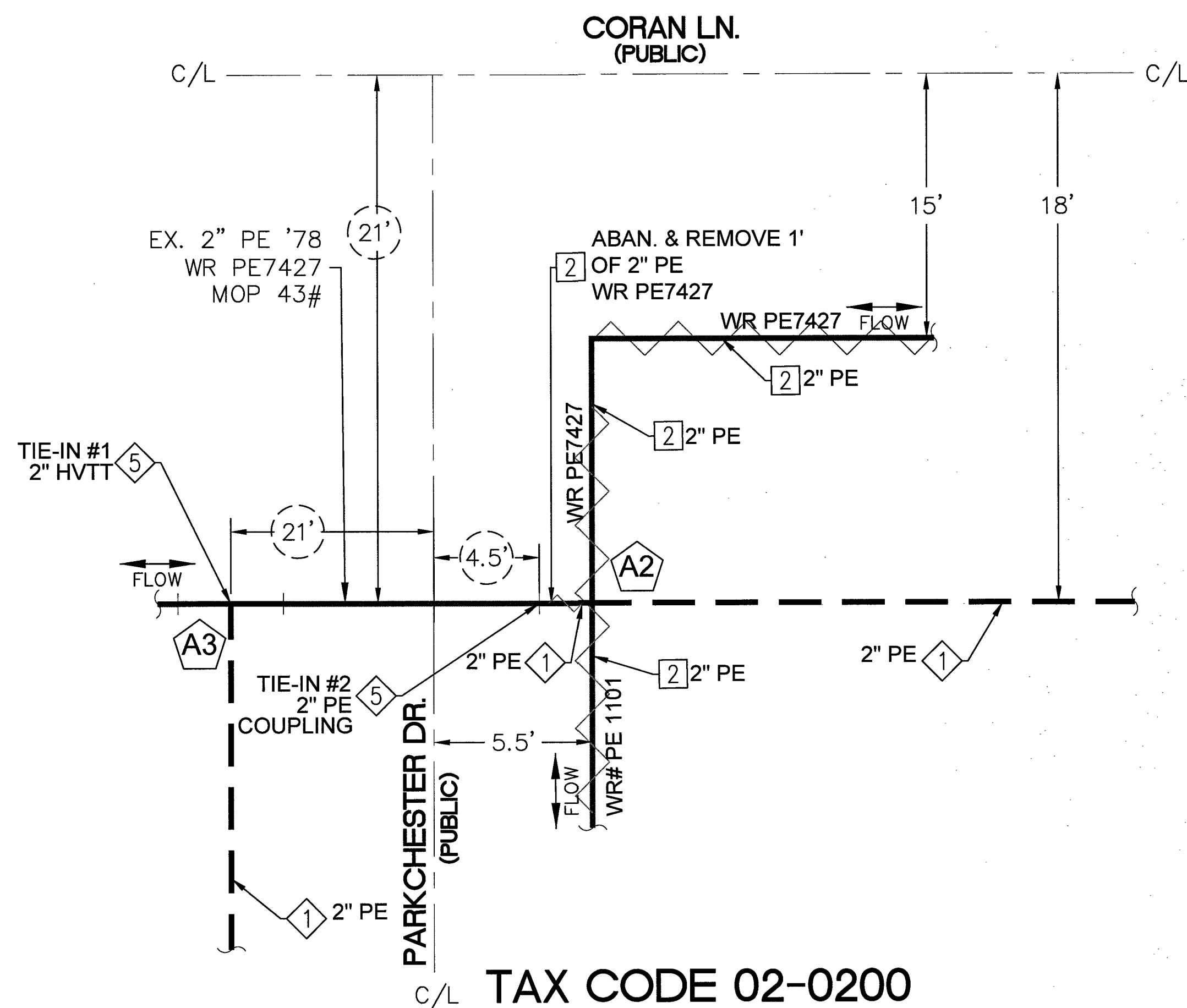
Encroachment Permit

By: _____
Date: _____

RTC NOTES:
PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):
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. PROPOSED _____ RETIRED _____ INSTL. COMPLETED _____	PROPERTY UNITS	AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ TIME (MIN) _____ DATE (START) _____ PERFORMED BY: _____ DATE VERIFIED BY: _____ TEST MEDIUM: ☐ AIR ☐ NITROGEN ☐ WATER TEST METHOD: ☐ GAUGE ☐ CHART ☐ SOAP PRESS REC SN# _____	INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSION, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I 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 NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085 LOCATION SEC 19 T20S R61E W.R. NO. 3230315 ATLAS #/TITLE # x812y526 x812y524 x815y526 x815y524 x812y522	ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 26 OF 34 DWN. BY: ZONE ENG. PHONE: 702-365-2325 PHONE: 702-365-2325 DATE: 12/30/2016 APPVD. BY: _____	TITLE GIR 2017-CLV-EASTLAND HEIGHTS DESIGN PLAN
--	--	-----------	---	----------------	--	---	---	---	--	---

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



**TAX CODE 02-0200
DETAIL "A"**
(SEE SHEET 6)
N.T.S.

HOT TAP TIE-IN #1

TECHNICIAN _____

SIGNATURE _____

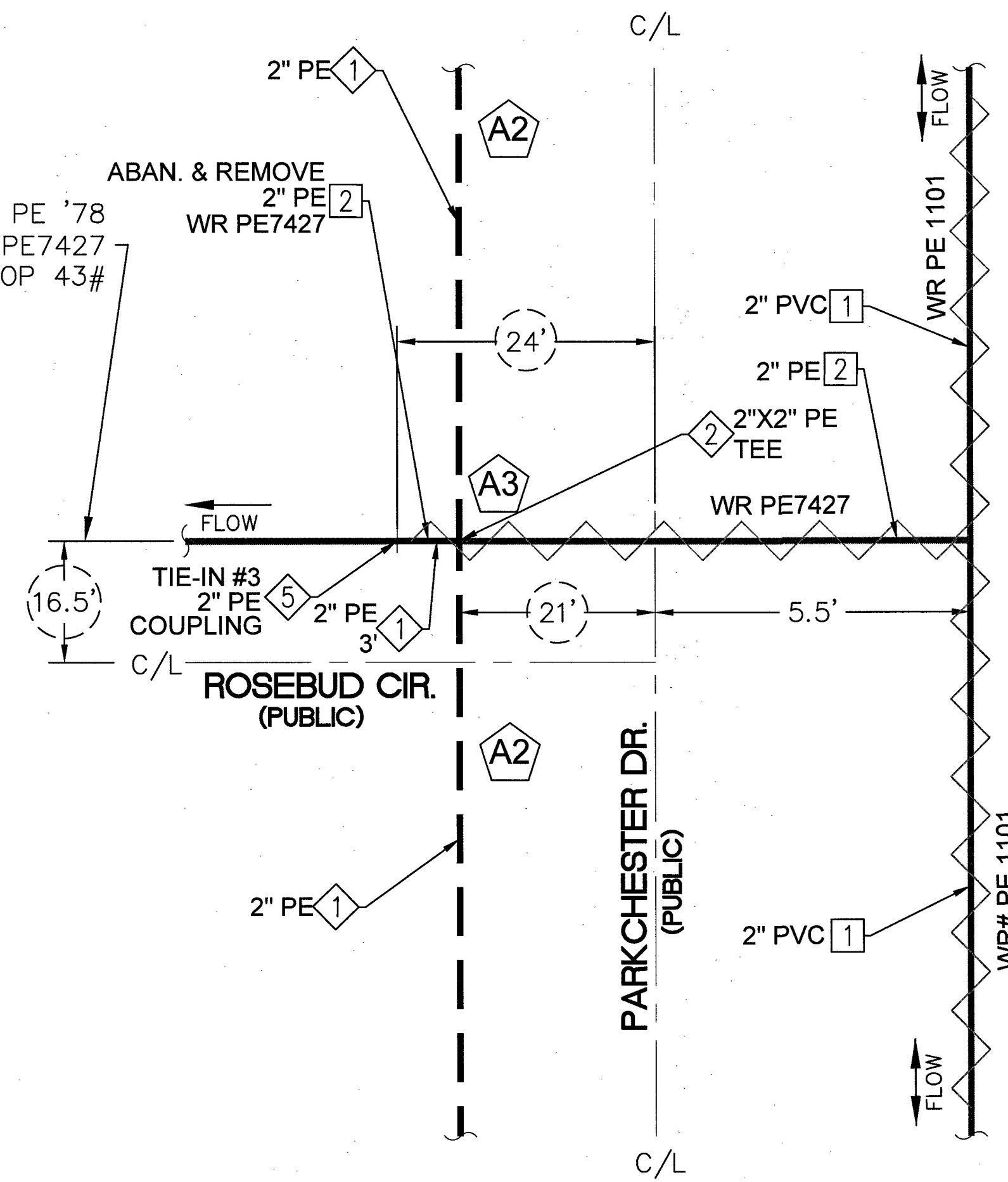
DATE _____

HOT TAP TIE-IN #2

TECHNICIAN _____

SIGNATURE _____

DATE _____



**TAX CODE 02-0200
DETAIL "B"**
(SEE SHEET 6)
N.T.S.

HOT TAP TIE-IN #3

TECHNICIAN _____

SIGNATURE _____

DATE _____

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
2		3760102	ABANDON EX. 2" PE '78 MOP 43#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
5		140-3504	PROPOSED 2" METFIT COUPLING
12		160-8171	PROPOSED 2" X 2" HVT

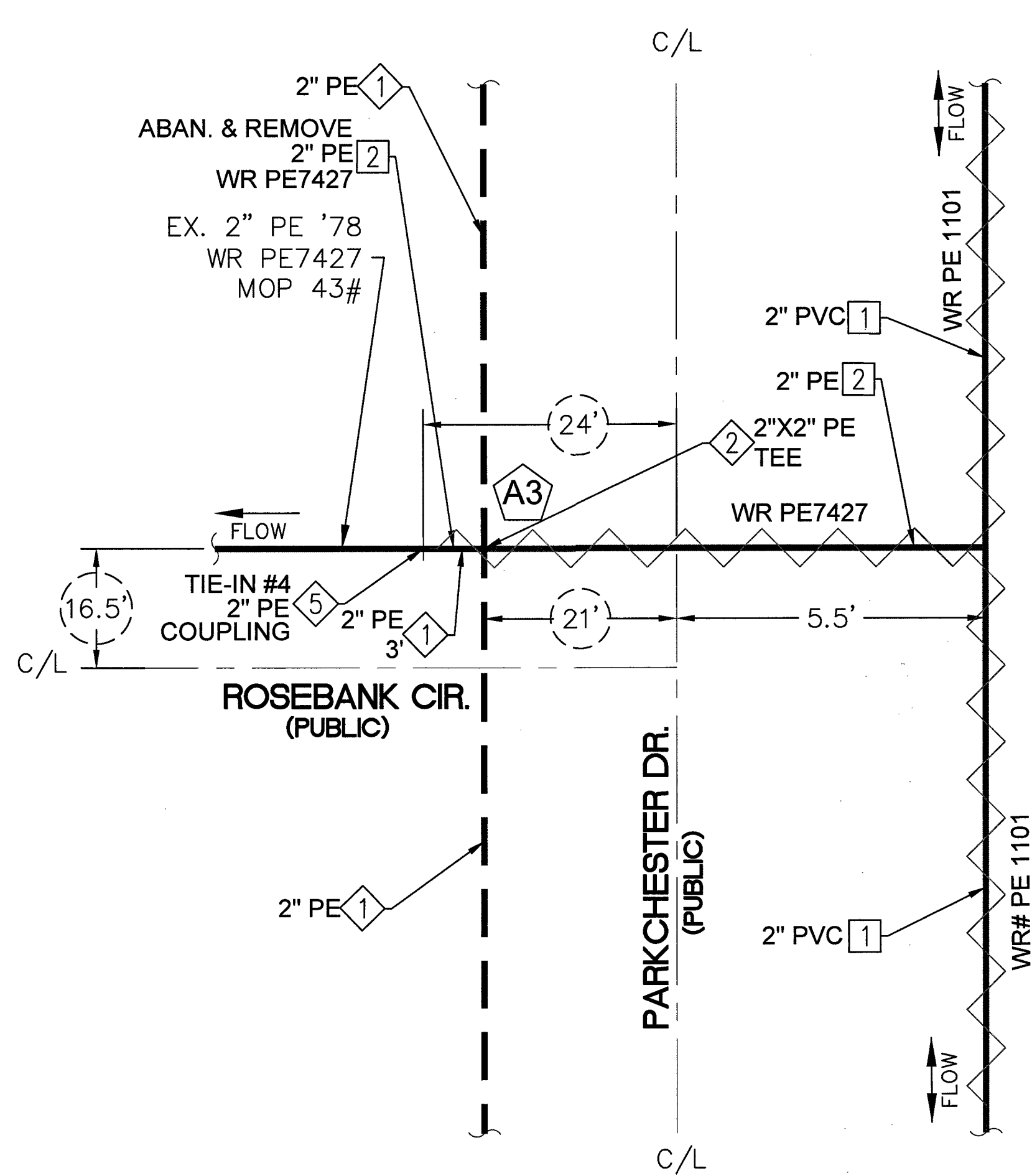
- RTC NOTES:**
- PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):
- A1 500.3
 - A2 500.4
 - A3 500.5
 - A4 503

- NOTE:**
- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.
 - NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.



REVISIONS NO. DESCRIPTION BY DATE APPVD				PROPERTY UNITS TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED INSTL. RETIRED PROPOSED COMPLETED				AS-BUILT DRAWING-PRESSURE TEST DATA PIPE DIA. _____ TEST MEDIUM _____ TEST METHOD _____ PIPE LENGTH _____ PIPE TYPE _____ MIN DURATION _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME _____ DATE (START) _____ (STOP) _____ PERFORMED BY: _____ DATE VERIFIED BY: _____				INDIVIDUAL PERFORMING VISUAL INSPECTION VISUAL INSPECTION CERTIFICATION I HAVE VISUALLY INSPECTED ALL HEATED FUSING, SOLVENT CEMENT, MECHANICAL JOIN T.S., AND WELDS THAT HAVE PERFORMED NAME _____ DATE _____ AS-BUILTS ACCEPTED BY _____ DATE _____ POSTED BY _____ DATE _____ POSTING QCD BY _____ DATE _____				CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125				ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085		W.R. NO. 3230315		ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 27 OF 34 SCALE: N.T.S. DATE: 12/30/2016 DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____				PHONE: 702-365-2325 PHONE: 702-365-2325	
SOUTHWEST GAS CORPORATION								LOCATION SEC 19 T20S R61E				ATLAS #/TILE # x612y526 x612y524 x615y526 x615y524 x612y522		GIR 2017-CLV-EASTLAND HEIGHTS DETAIL A & B															

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



**TAX CODE 02-0200
DETAIL "C"**
(SEE SHEET 7)
N.T.S.

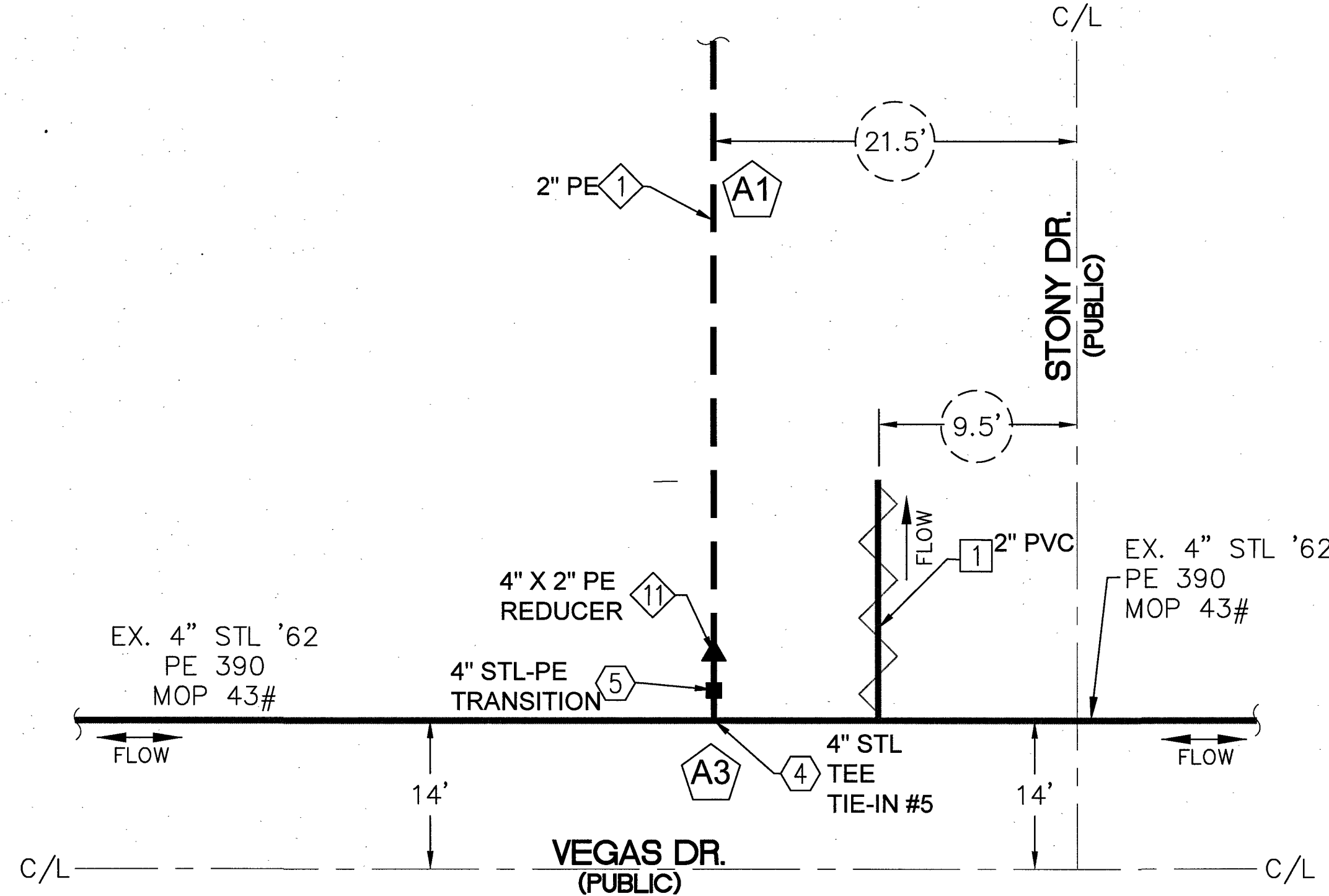
HOT TAP TIE-IN #4

TECHNICIAN _____
SIGNATURE _____
DATE _____

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

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



**TAX CODE 02-0200
DETAIL "D"**
(SEE SHEET 12)
N.T.S.

HOT TAP TIE-IN #5

TECHNICIAN _____
SIGNATURE _____
DATE _____

NOTE:

- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.
- NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.

FOR STEEL ONLY TIE-IN #5

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

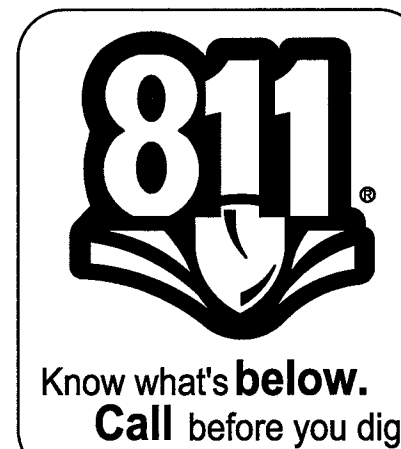
CONDITION OF PIPE

IF EXPOSED. IF CUT OR
EXTERNAL COUPON.
INTERNAL

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

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		3760602	ABANDON EX. 2" PVC '64 MOP 43#
2		3760102	ABANDON EX. 2" PE '78 MOP 43#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
5		140-3504	PROPOSED 2" METFIT COUPLING
11		140-5118	PROPOSED 4" X 2" PE REDUCER
1		160-8162	TRANSITION 2" FITTING, STEEL PE, NMDA
4		160-8030	TEE 3-WAY 4" STL WELD O-RING/TEE 275 PSIG TDWL
5		160-8163	TRANSITION 4" FITTING, STEEL PE, NMDA



NO.	DESCRIPTION	BY	DATE	APPVD.
REVISIONS				
PROPERTY UNITS				
TAX CODES	UNIT NO.	UNIT TYPE	INSTL. PROPOSED	RETIRED COMPLETED

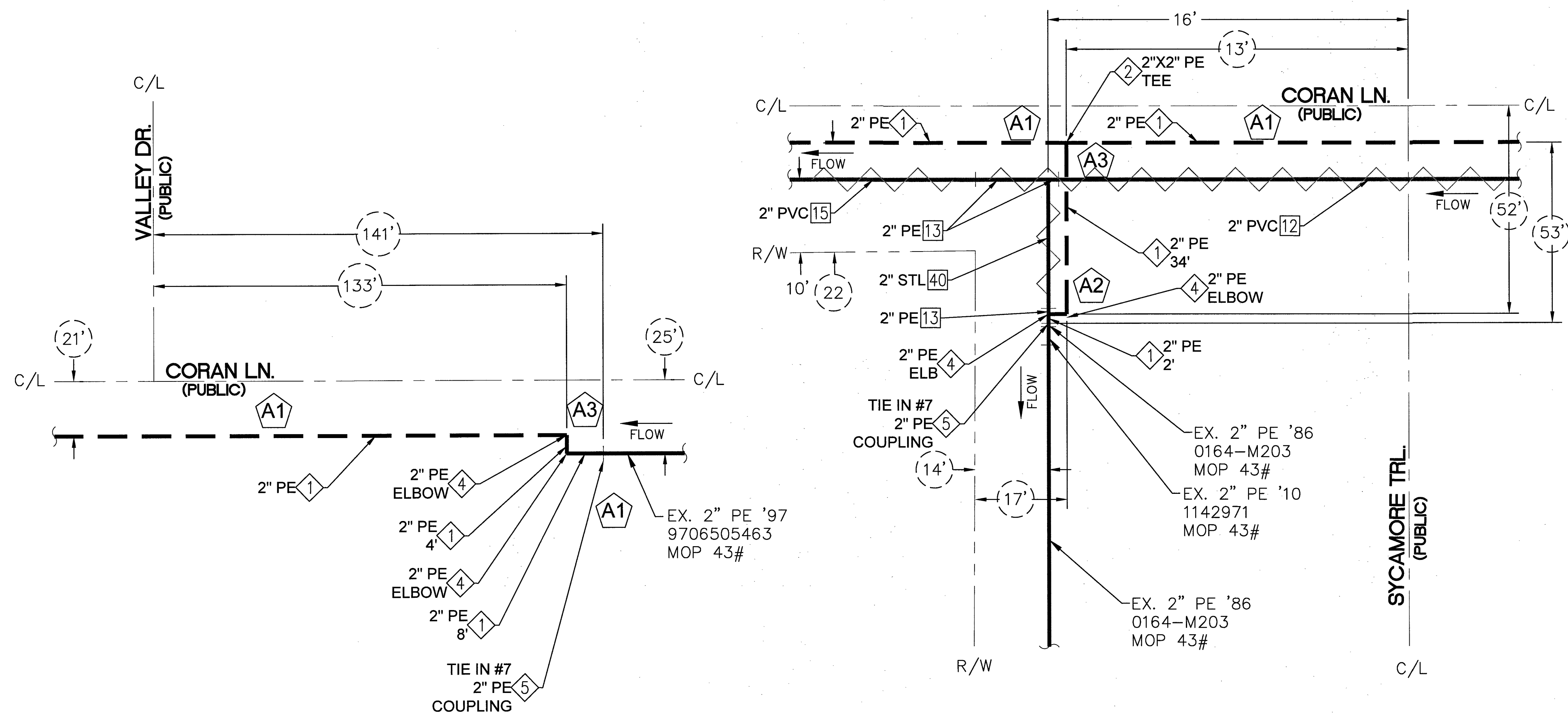
AS-BUILT DRAWING-PRESSURE TEST DATA			
PIPE DIA.	TEST MEDIUM	TEST METHOD	
PIPE LENGTH	☐ AIR ☐ GAUGE	☐ NITROGEN ☐ CHART	
PIPE TYPE	☐ WATER ☐ GAUGE/	☐ SOAP ☐ PRESS REC SN#	
MIN. DURATION			
TEST PRES. (PSIG) (MAX)		(MIN)	
TIME (HOUR)		(STOP)	
DATE (MM/YY)		(STOP)	
PERFORMED BY:			
DATE VERIFIED BY:			

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

CONSTRUCTION	
INSPECTOR	FOREMAN
REVIEWING BY	DATE
PERMIT INFORMATION	
NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	

ISOLATION AREA	W.R. NO.
ISO_21_DIST_081 ISO_21_DIST_085	3230315
LOCATION	ATLAS #/TILE #
SEC 19 T20S R61E	x612y526 x612y524 x615y526 x615y524 x612y522

ENGINEER/TECH: TORI DICKEY	PHONE: 702-365-2325
ACCOUNT REP:	PHONE:
PROJECT CONTACT: TORI DICKEY	PHONE: 702-365-2325
SHEET NO: 28 OF 34	SCALE: N.T.S.
DWN. BY: ZONE ENG.	CHKD. BY:
APPVD. BY:	
TITLE	
GIR 2017-CLV-EASTLAND HEIGHTS DETAIL C & D	



MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
12		3760602	ABANDON EX. 2" PVC '65 MOP 43#
13		3800101	ABANDON EX. 2" PE 86 MOP 43#
15		3760602	ABANDON EX. 2" PVC '69 MOP 43#
40		3760202	ABANDON EX. 2" STL '65 MOP 43#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
2		140-3074	PROPOSED 2"x2" PE TEE
4		140-3067	PROPOSED 2" PE 90° ELBOW
5		140-3504	PROPOSED 2" METFIT COUPLING



TAX CODE 02-0125
DETAIL "E"
(SEE SHEET 17)
N.T.S.

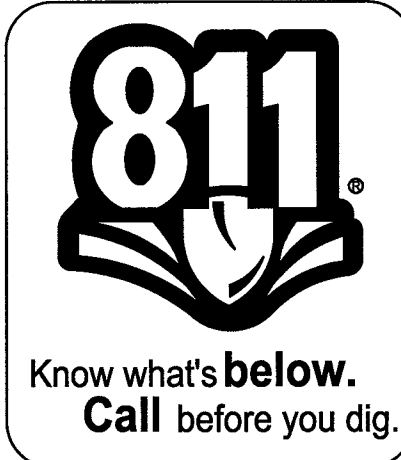
HOT TAP TIE-IN #6	
TECHNICIAN	_____
SIGNATURE	_____
DATE	_____



TAX CODE 02-0200
DETAIL "F"
(SEE SHEET 18)
N.T.S.

HOT TAP TIE-IN #7	
TECHNICIAN	_____
SIGNATURE	_____
DATE	_____

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE 90° ELBOW
5		140-3504	PROPOSED 2" METFIT COUPLING



NOTE:

- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.
- NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.

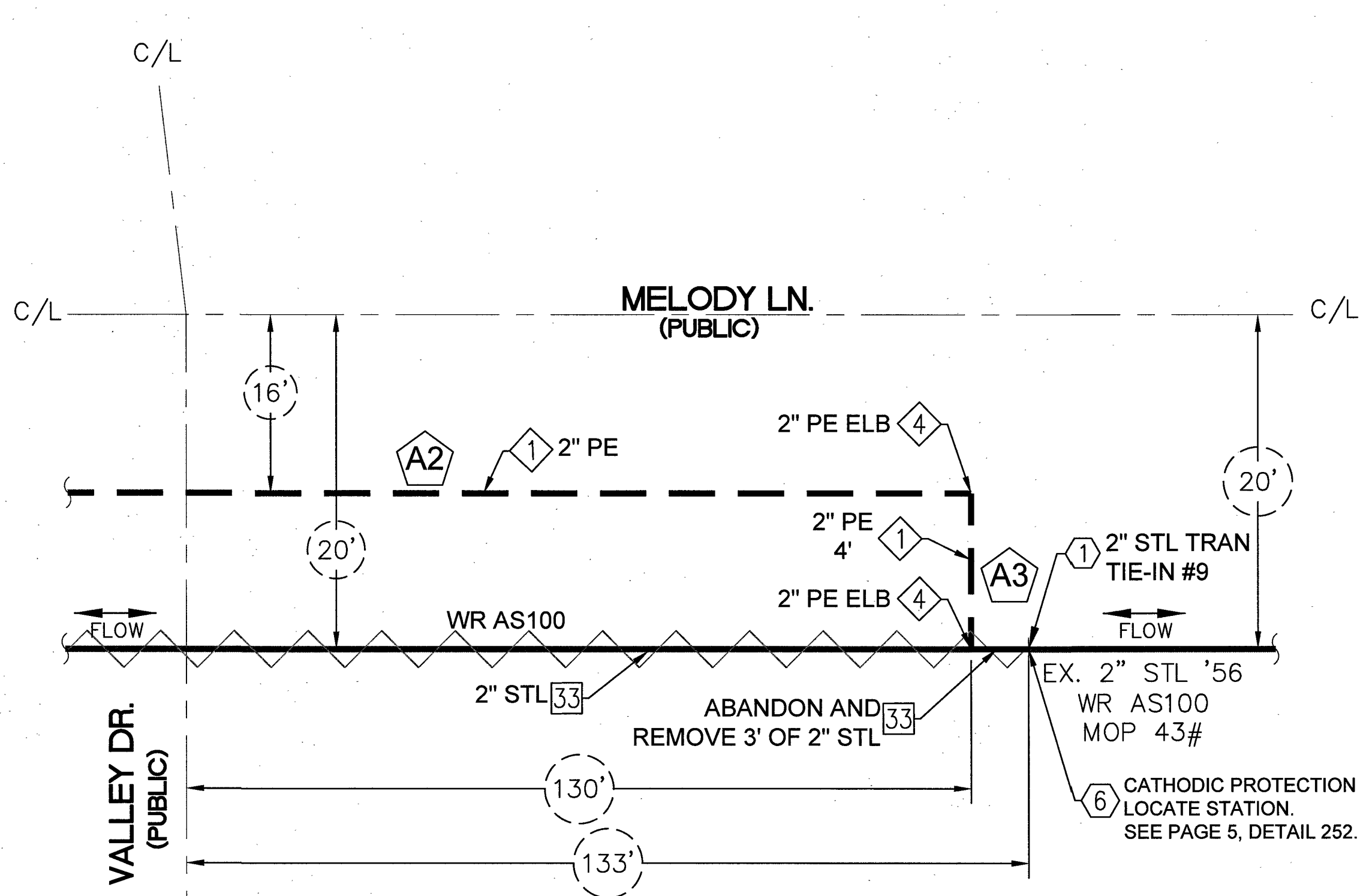
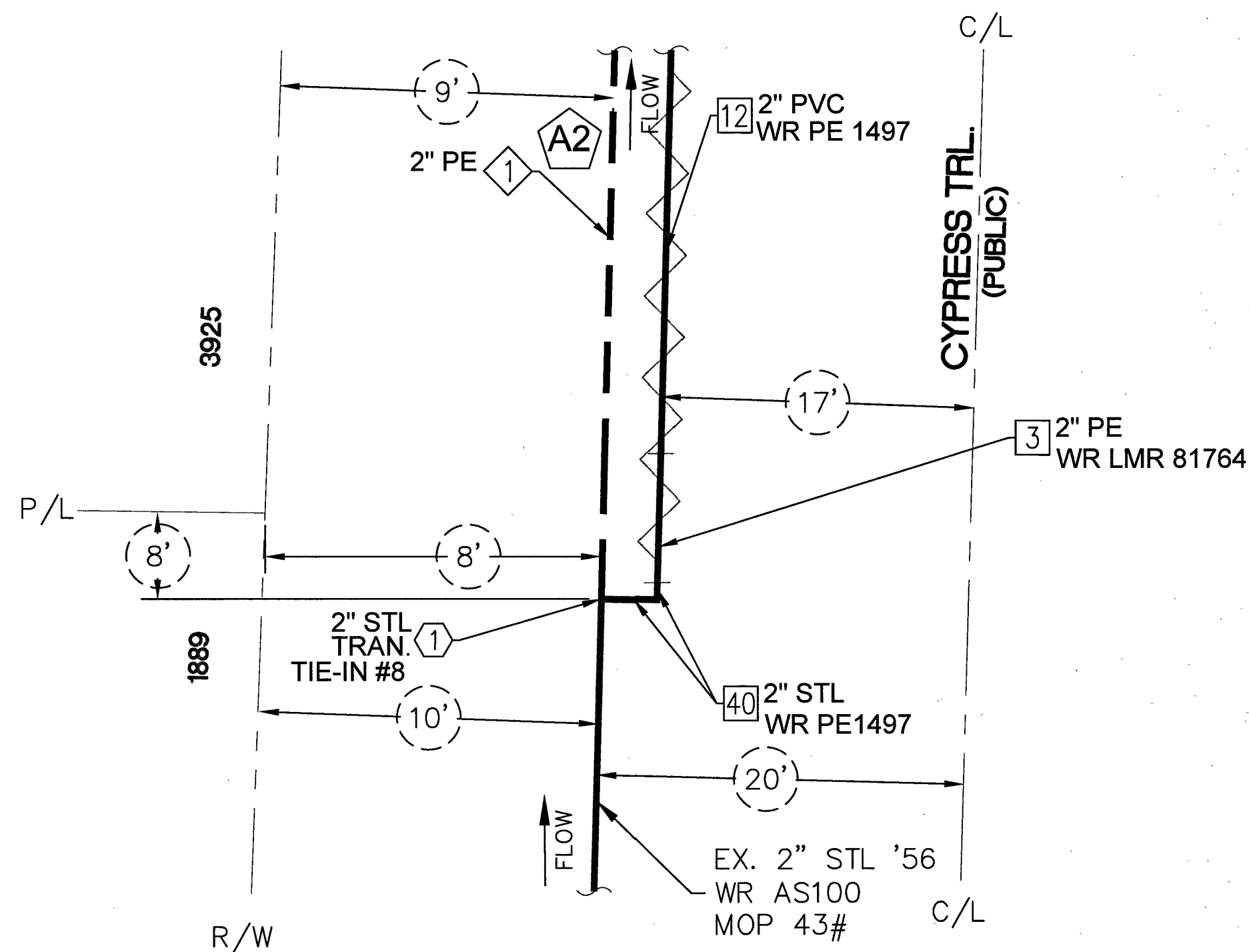
RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

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

Clark County Public Works Development Review APPROVED FOR PERMITTING
Night Work - Yes No
Encroachment Permit # _____
By: _____ Date: _____

1. _____ 2. _____ 3. _____ 4. _____	NO. DESCRIPTION BY DATE APPVD	REVISIONS	TAX CODES UNIT NO. UNIT TYPE INSTL. RETIRED PROPOSED INSTL. RETIRED COMPLETED	PROPERTY UNITS	SEE SHEET 3	SEE SHEET 3	SEE SHEET 3	CONSTRUCTION INSPECTOR FOREMAN REVIEWED BY PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085	W.R. NO. 3230315	ENGINEER/TECH: TORI DICKEY ACCOUNT REP: PROJECT CONTACT: TORI DICKEY SHEET NO: 29 OF 34 SCALE: N.T.S. DATE: 12/30/2016 DWN. BY: ZONE ENG. CHKD. BY: APPVD. BY:	PHONE: 702-365-2325 PHONE: PHONE: 702-365-2325 DATE: 12/30/2016 APPVD. BY:			
SOUTHWEST GAS CORPORATION										LOCATION SEC 19 T20S R61E		ATLAS #/TILE # x812y526 x812y524 x815y526 x815y524 x812y522		GIR 2017-CLV-EASTLAND HEIGHTS DETAIL E & F	



TAX CODE 02-0200
DETAIL "G"
 (SEE SHEET 19)
 N.T.S.

TAX CODE 02-0125
DETAIL "H"
 (SEE SHEET 21)
 N.T.S.

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
33		3760202	ABANDON EX. 2" STL '56 MOP 43#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE 90° ELBOW
1		160-8162	TRANSITION 2" FITTING, STEEL PE, NMDA
5		160-8163	TRANSITION 4" FITTING, STEEL PE, NMDA
6		251-2406	5 - TERMINAL CATHODIC PROTECTION TEST STATION

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
3		3760102	ABANDON EX. 2" PE '87 MOP 43#
12		3760602	ABANDON EX. 2" PVC '65 MOP 43#
40		3760202	ABANDON EX. 2" STL '65 MOP 43#

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0200)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
1		160-8162	TRANSITION 2" FITTING, STEEL PE, NMDA

HOT TAP TIE-IN #8

TECHNICIAN _____

SIGNATURE _____

DATE _____

HOT TAP TIE-IN #9

TECHNICIAN _____

SIGNATURE _____

DATE _____

FOR STEEL ONLY TIE-IN #8

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

FOR STEEL ONLY TIE-IN #9

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

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

A1 500.3

A2 500.4

A3 500.5

A4 503

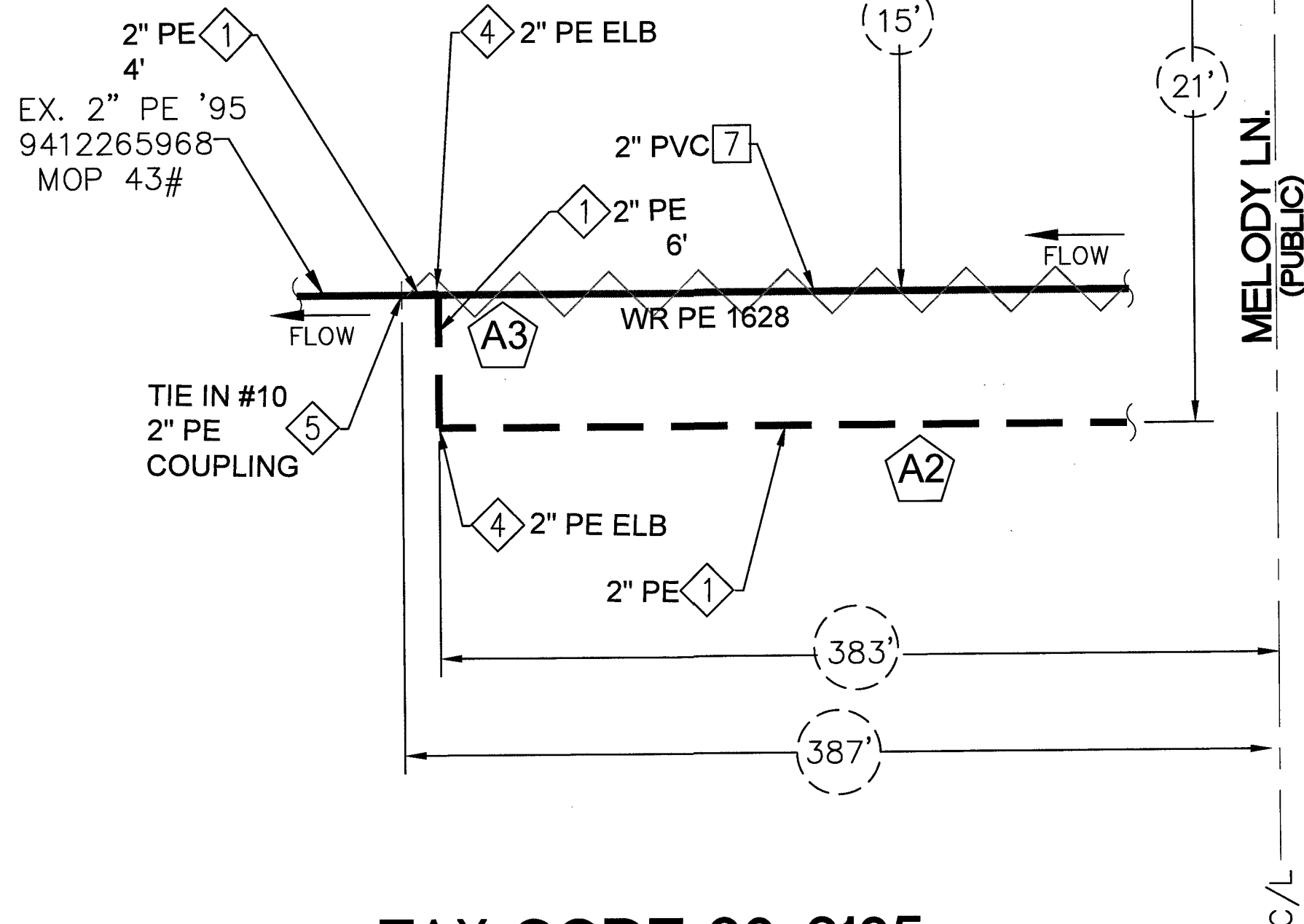
NOTE:

- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.

- NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.

1. _____	2. _____	3. _____	4. _____	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 TEST MEDIUM TEST METHOD PIPE DIA. _____ GAUGE PIPE LENGTH _____ GAUGE PIPE TYPE _____ GAUGE MIN. DURATION _____ GAUGE TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME _____ (STOP) DATE (START) _____ (STOP) PERFORMED BY: _____ PINS VERIFIED 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								
CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125								
ISOLATION AREA			W.R. NO.			ENGINEER/TECH: TORI DICKEY		
ISO_21_DIST_081			3230315			ACCOUNT REP: _____		
ISO_21_DIST_085						PROJECT CONTACT: TORI DICKEY		
						SHEET NO: 30 OF 34 SCALE: N.T.S. DATE: 12/30/2016		
						DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____		
LOCATION			ATLAS #/TILE #			TITLE		
SEC 19			x612y526 x615y524 x615y524 x615y524			GIR 2017-CLV-EASTLAND HEIGHTS		
T20S R61E						DETAIL G & H		

3230315 GIR 2017-CLV-EASTLAND HEIGHTS



TAX CODE 02-0125
DETAIL "I"
 (SEE SHEET 22)
 N.T.S.

HOT TAP TIE-IN #10

TECHNICIAN _____
 SIGNATURE _____
 DATE _____

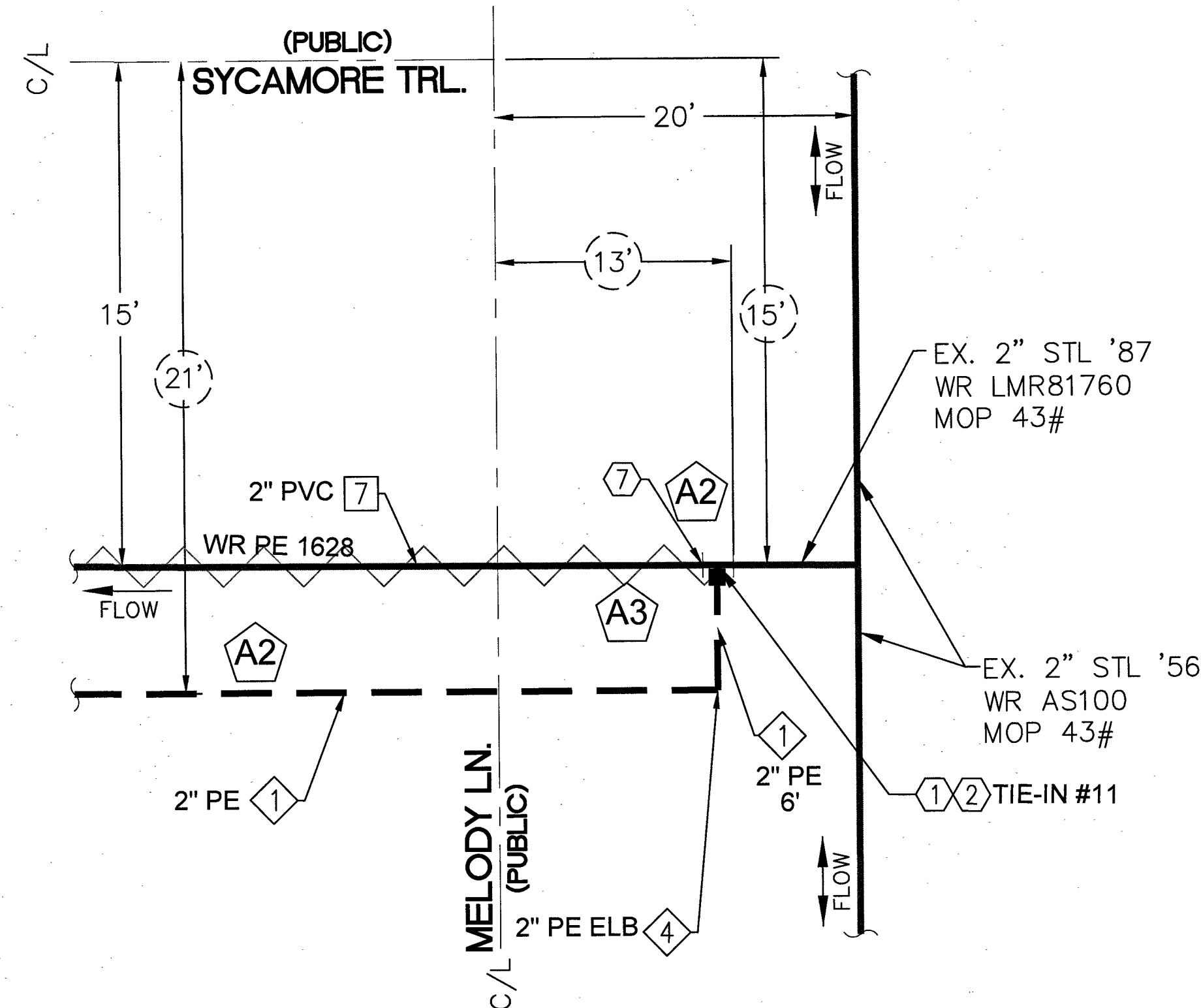


Clark County Public Works
 Development Review
 APPROVED FOR PERMITTING

Night Work — Yes No

Encroachment Permit
 # _____

By: _____
 Date: _____



TAX CODE 02-0125
DETAIL "J"
 (SEE SHEET 22)
 N.T.S.

HOT TAP TIE-IN #11

TECHNICIAN _____
 SIGNATURE _____
 DATE _____

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
 TO RTC STANDARD(S):

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

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE 90° ELBOW
5		140-3504	PROPOSED 2" METFIT COUPLING
1		160-8162	TRANSITION 2" FITTING, STEEL PE, NMDA
2			
7			

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
7		3760602	ABANDON EX. 2" PVC '66 MOP 43#

FOR STEEL ONLY TIE-IN #11

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

NOTE:

- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.
- NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.

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

REVISIONS



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

SEE SHEET 3

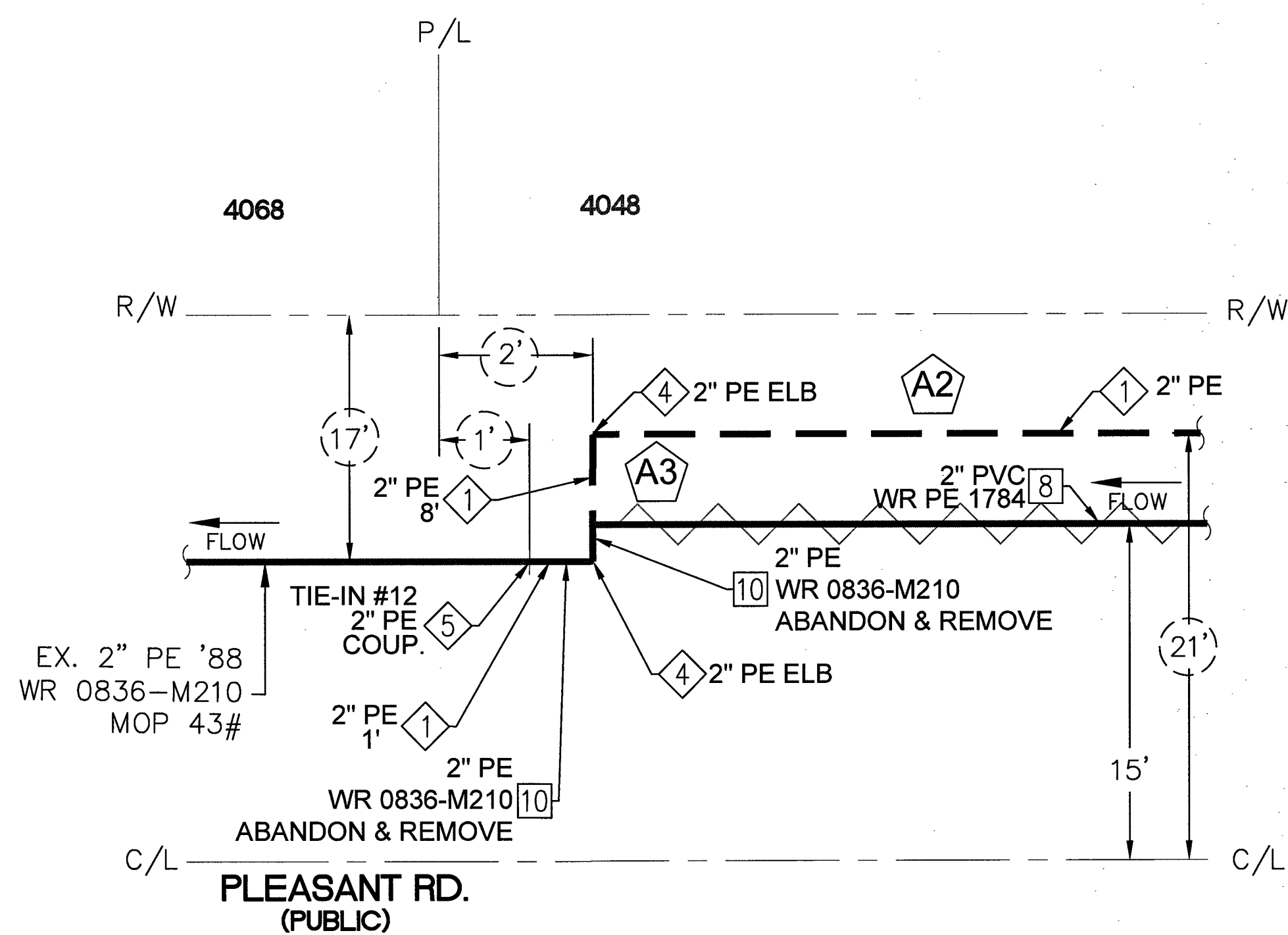
AS-BUILT DRAWING-PRESSURE TEST DATA	
PIPE DIA.	TEST MEDIUM TEST METHOD
PIPE LENGTH	☐ AIR ☐ GAUGE
PIPE TYPE	☐ NITROGEN ☐ CHART
MIN. DURATION	☐ WATER ☐ GAUGE/ PRESS REC SN#
TEST PRES. (PSIG) (MAX)	(MIN)
TIME (H)	(STOP)
DATE (START)	(STOP)
PERFORMED BY:	
DATE VERIFIED BY:	

INDIVIDUAL PERFORMING VISUAL INSPECTION	
VISUAL INSPECTION CERTIFICATION	
I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOIN.T.S., AND WELDS THAT HAVE PERFORMED	
NAME	DATE
AS-BUILTS ACCEPTED BY	DATE
POSTED BY	DATE
POSTING QC'D BY	DATE

CONSTRUCTION	
INSPECTOR	FOREMAN
REVIEWED BY	
PERMIT INFORMATION	
NDOT.	
CITY OF LAS VEGAS & CLARK COUNTY	
TAX CODE 02-0200, 02-0125	

ISOLATION AREA	W.R. NO.
ISO_21_DIST_081	3230315
ISO_21_DIST_085	
LOCATION	ATLAS #/TILE #
SEC 19	x812y526
T20S R61E	x812y524
	x815y526
	x815y524
	x812y522

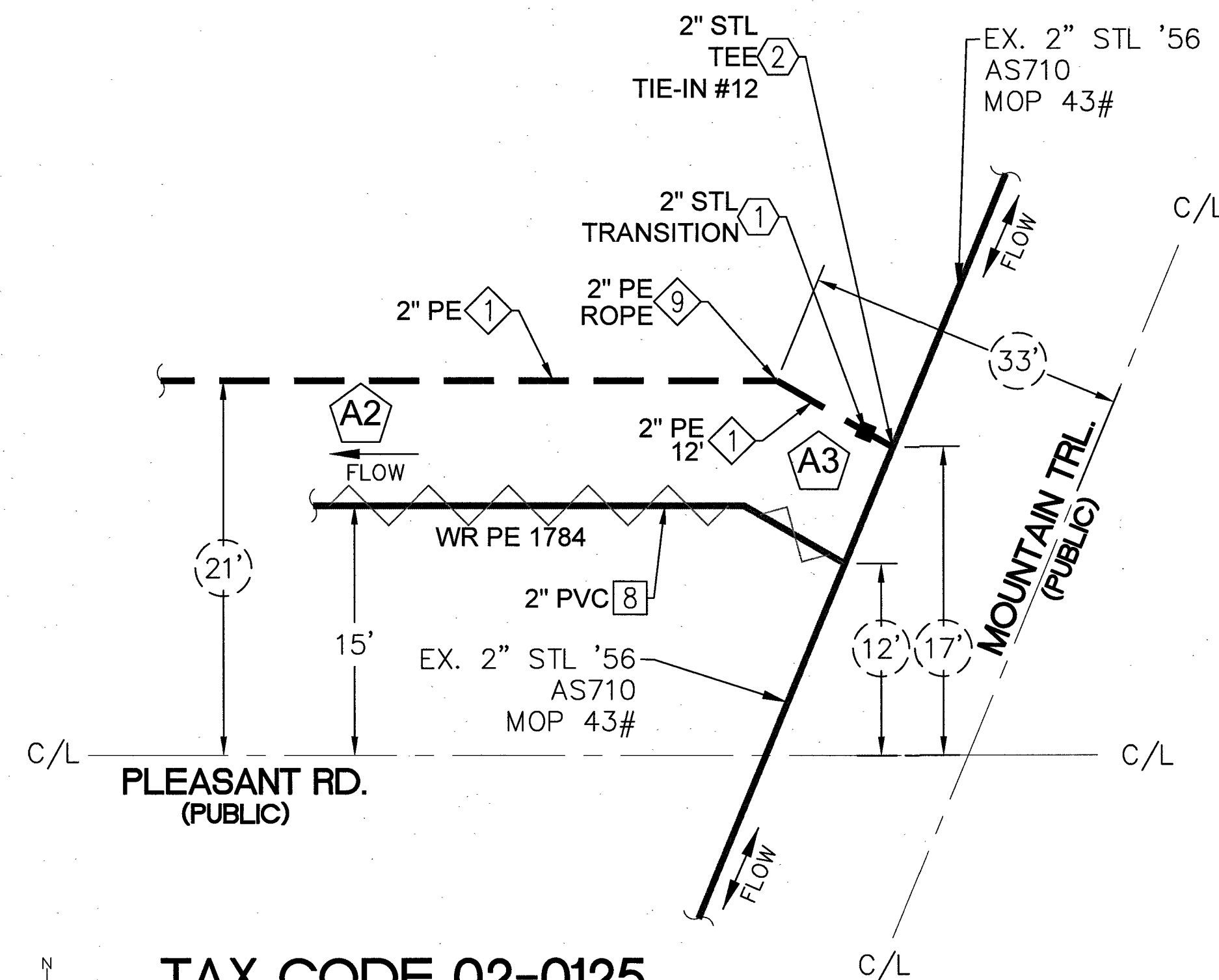
ENGINEER/TECH: TORI DICKEY	PHONE: 702-365-2325
ACCOUNT REP:	PHONE:
PROJECT CONTACT: TORI DICKEY	PHONE: 702-365-2325
SHEET NO: 31 OF 34	SCALE: N.T.S.
DWN. BY: ZONE ENG.	CHKD. BY:
DATE: 12/30/2016	APPVD. BY:
TITLE	
GIR 2017-CLV-EASTLAND HEIGHTS	
DETAIL I & J	



TAX CODE 02-0125
DETAIL "K"
(SEE SHEET 26)
N.T.S.

HOT TAP TIE-IN #12

TECHNICIAN _____
SIGNATURE _____
DATE _____



TAX CODE 02-0125
DETAIL "L"
(SEE SHEET 26)
N.T.S.

HOT TAP TIE-IN #13

TECHNICIAN _____
SIGNATURE _____
DATE _____

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE 90° ELBOW
5		140-3504	PROPOSED 2" METFIT COUPLING
9			ROPE PROPOSED 2" PE
1		160-8162	TRANSITION 2" FITTING, STEEL PE, NMDA
2		160-8211	TEE, 3-WAY, 2"X2", STL, 720 PSIG, TDWL

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
8		3760602	ABANDON EX. 2" PVC '67 MOP 43#
10		3760102	ABANDON EX. 2" PE '88 MOP 43#

FOR STEEL ONLY TIE-IN #12

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

NOTE:

- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.
- NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM TO RTC STANDARD(S):

A1 500.3
A2 500.4
A3 500.5
A4 503



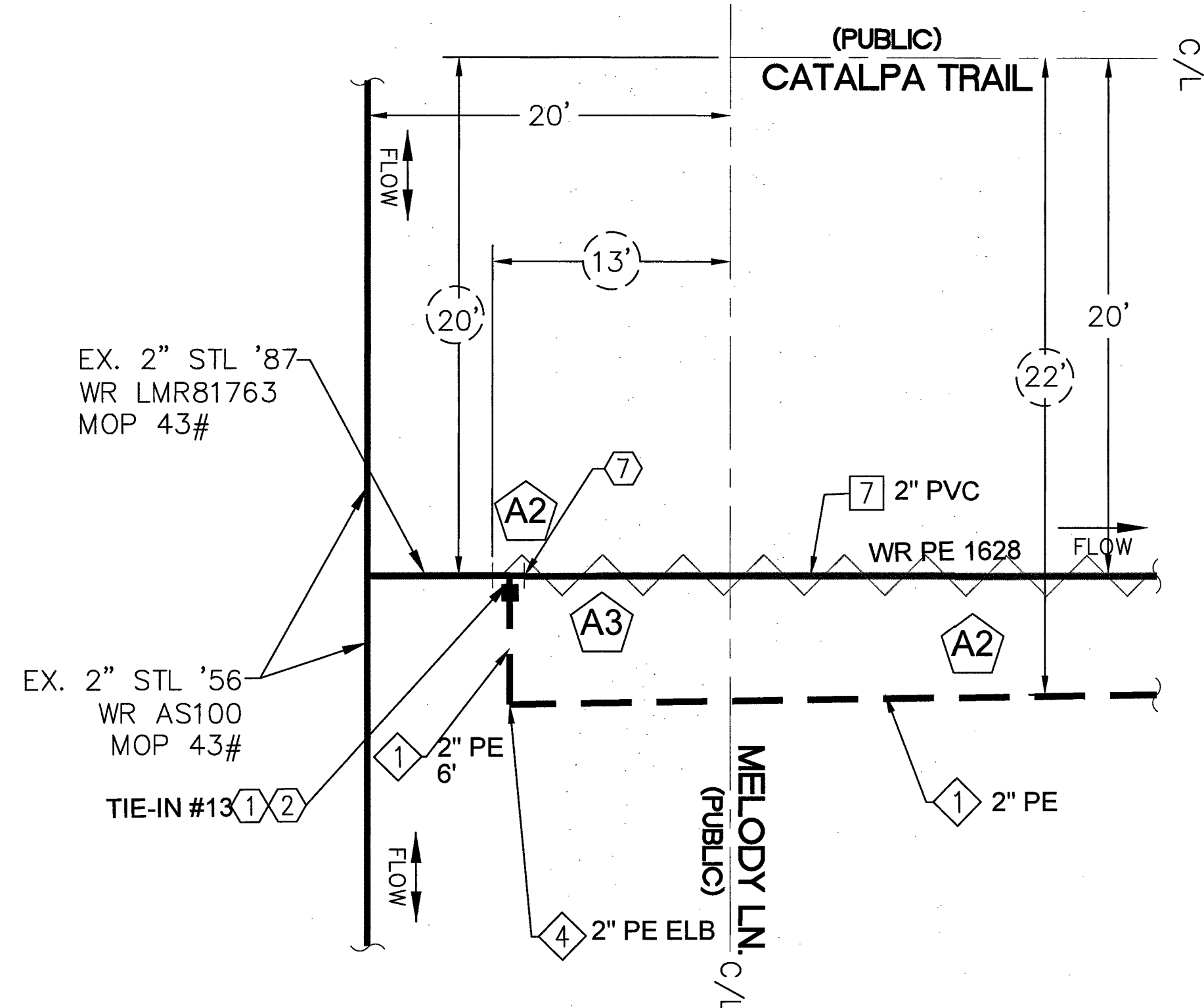
Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work - Yes No

Encroachment Permit

By: _____
Date: _____

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. _____ PIPE LENGTH _____ PIPE TYPE _____ MIN. DURATION _____ TEST PRES. (PSIG) (MAX) _____ (MIN) _____ TIME (HOUR) _____ (STOP) _____ DATE (MM/YY) _____ (STOP) _____ PERFORMED BY: _____ TESTS VERIFIED 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	CONSTRUCTION INSPECTOR _____ FOREMAN _____ REVIEWED BY _____ SEE SHEET 3	PERMIT INFORMATION NDOT, CITY OF LAS VEGAS & CLARK COUNTY TAX CODE 02-0200, 02-0125	ISOLATION AREA ISO_21_DIST_081 ISO_21_DIST_085	W.R. NO. 3230315	ENGINEER/TECH: TORI DICKEY ACCOUNT REP: _____ PROJECT CONTACT: TORI DICKEY SHEET NO: 32 OF 34 SCALE: N.T.S. DATE: 12/30/2016 DWN. BY: ZONE ENG. CHKD. BY: _____ APPVD. BY: _____	PHONE: 702-365-2325 PHONE: 702-365-2325
GIR 2017-CLV-EASTLAND HEIGHTS DETAIL K & L												



TAX CODE 02-0125
DETAIL "O"
(SEE SHEET 21)
N.T.S.

HOT TAP TIE-IN #16

TECHNICIAN _____
SIGNATURE _____
DATE _____

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

MATERIAL LIST FOR PROPOSED DISTRIBUTION FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1		100-5101	PROPOSED 2" PE MAIN
4		140-3067	PROPOSED 2" PE 90° ELBOW
5		140-3504	PROPOSED 2" METFIT COUPLING
1		160-8162	TRANSITION 2" FITTING, STEEL PE, NMDA

MATERIAL LIST FOR ABANDONED FACILITIES (TAX CODE: 02-0125)			
ITEM#	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
7		3760602	ABANDON EX. 2" PVC '66 MOP 43#

RTC NOTES:

PAVEMENT REPAIR SHALL CONFORM
TO RTC STANDARD(S):

- A1 500.3
A2 500.4
A3 500.5
A4 503

NOTE:

- PIPE TO SOIL DATA MUST BE COLLECTED FOR EVERY TIE-IN.
- NAMES OF TECHNICIANS PERFORMING TAPS UNDER PRESSURE ON STEEL INSTALLATIONS 4-INCHES AND ABOVE MUST BE RECORDED ON THIS SHEET.



Clark County Public Works
Development Review
APPROVED FOR PERMITTING

Night Work — Yes No

Encroachment Permit

By: _____
Date: _____

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

REVISIONS



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

SEE SHEET 3

AS-BUILT DRAWING-PRESSURE TEST DATA

TEST MEDIUM TEST METHOD

PIPE DIA. _____ ☐ AIR ☐ GAUGE

PIPE LENGTH _____ ☐ NITROGEN ☐ CHART

PIPE TYPE _____ ☐ WATER ☐ GAUGE/

MIN. DURATION _____ SOAP PRESS REC SN#

TEST PRES. (PSI/G) (MAX) _____ (MIN) _____

TIME (H) _____ (STOP) _____

DATE (START) _____ (STOP) _____

PERFORMED BY: _____

DATE VERIFIED BY: _____

SEE SHEET 3

INDIVIDUAL PERFORMING VISUAL INSPECTION
VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT,
MECHANICAL JOIN T.S., 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 _____

PERMIT INFORMATION

NDOT,
CITY OF LAS VEGAS & CLARK COUNTY
TAX CODE 02-0200, 02-0125

ISOLATION AREA
ISO_21_DIST_081
ISO_21_DIST_085

W.R. NO.
3230315

ENGINEER/TECH: TORI DICKEY

ACCOUNT REP:

PROJECT CONTACT: TORI DICKEY

SHEET NO: 34 OF 34

DWN. BY: ZONE ENG.

SCALE: N.T.S.

CHKD. BY:

PHONE: 702-365-2325

PHONE:

PHONE: 702-365-2325

DATE: 12/30/2016

APPVD. BY:

TITLE
GIR 2017-CLV-EASTLAND HEIGHTS
DETAIL I & J