

DUKE ENERGY

CALL K.U.P.I.
2 BUSINESS DAY BEFORE YOU DIG
1-800-752-6007

GAS DEPARTMENT
DUKE ENERGY

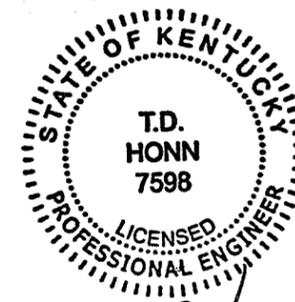
1
46

SOUTHEAST DISTRICT

- CONSTRUCTION NOTES:
- CONTACT GAS SYSTEMS OPERATIONS SUPERVISOR PRIOR TO STARTING JOB TO VERIFY GAS FLOW
 - CONTACT PRESSURE SUPERVISOR FOR RECONNECTION OF CONTROL LINE

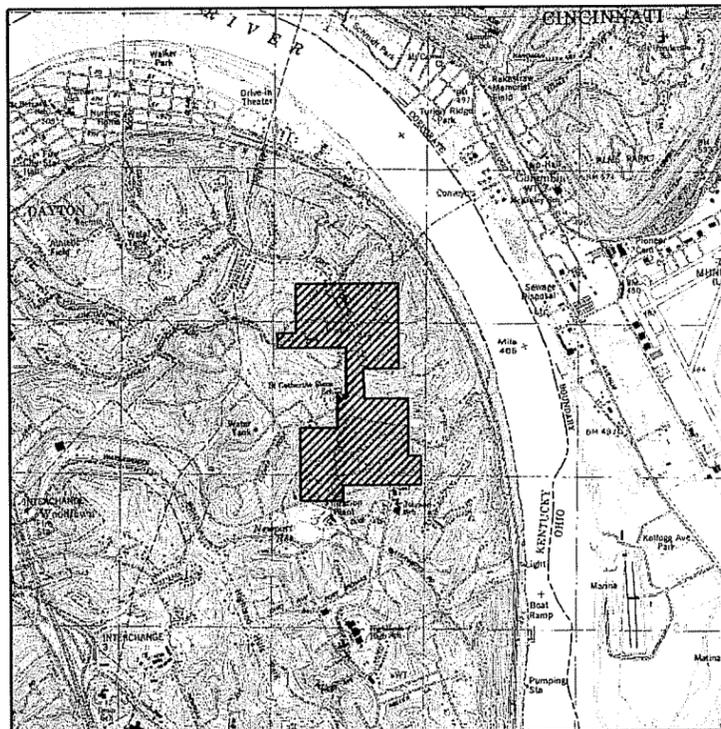


4/29/08 Gary J. Hebbeler



4/29/08 T.D. Honn

AUTHORIZED
January 31, 2008
CONSTRUCTION
DRAWING



VICINITY MAP
N.T.S.

MAIN ABANDONMENT		
KIND	YEAR	QTY.
3" ST	1922	480'
3" S	1923	320'
3" S	1907	50'
4" CIMJ	1949	3'
4" CIMJ	1960	6'
4" CIMJ	1957	53'
4" CIMJ	1958	162'
4" CIMJ	1958	302'
4" SWPC	1983	2'
4" CIMJ	1955	344'
4" CIC	1936	454'
6" SC	1935	11'
4" CIC	1936	701'
6" SC	1935	7'
4" CIC	1940	24'
4" ST	1928	140'
4" CIMJ	1954	450'
4" ST	1923	1862'
6" SC	1929	54'
4" P7+PH	2005	16'
4" SC	1923	2'
4" ST	1907	1200'
4" CIMJ	1940	343'
6" SC	1929	776'
6" CIMJ	1953	41'
6" CIMJ	1953	123'
6" CIMJ	1948	181'
6" CIMJ	1955	335'
6" CIMJ	1953	399'
6" CIMJ	1955	40'
6" CIMJ	1955	140'
6" CIMJ	1955	9'
6" CIMJ	1985	4'
6" CIMJ	1955	116'
6" CIMJ	1971	93'
6" CIMJ	1985	4'
6" CIMJ	1985	4'

MAIN ABANDONMENT		
KIND	YEAR	QTY.
6" CIMJ	1949	177'
6" CIC	1949	6'
6" SWPC	1985	18'
6" SW+PHPC	1985	14'
4" SWPC	1988	18'
6" CIMJ	1941	505'
6" SC	1929	360'
6" CIMJ	1955	429'
6" CIMJ	1956	512'
6" SC	1931	826'
6" SC	1935	11'
12" CIMJ	1941	344'
12" CIMJ	1952	591'
6" CIMJ	1952	105'
6" SWPC	1985	3'
4" SWPC	1985	2'

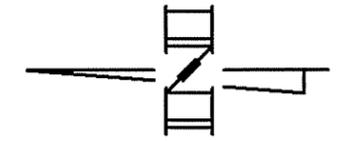
RECEIVED
MAY 05 2008
PUBLIC SERVICE
COMMISSION

WELDING PROCEDURE(S) REQUIRED SPEC. # _____ SPEC. # _____ SPEC. # _____ SPEC. # _____ SPEC. # _____	PIPE INSTALLED ON JOB				PERMIT(S) REQUIRED City of Fort Thomas Northern Kentucky Water District Northern Kentucky Sanitation District 1
	SIZE 4" 6" 4" 12" 12"	KIND PL PL STL PL STL	WALL THICKNESS _____ _____ .188 _____ .219	EST. QUANTITIES 7864' 4320' 24' 20' 16'	
SYSTEM OPERATION SUPERVISOR VALVES AND NUMBERS REVIEWED REVIEWED BY _____ DATE _____ VALVES THAT HAVE BEEN ABANDONED AND BOX REMOVED _____ _____ _____ _____	DESIGN REVIEW OF COMPLETED CONSTRUCTION JOB SPONSOR _____ DATE _____ FIELD CHANGE REQUEST DOCUMENT REQUIRED: YES <input type="checkbox"/> NO <input type="checkbox"/> TRANSMISSION DESIGN DOCUMENT REQUIRED: YES <input type="checkbox"/> NO <input type="checkbox"/>	CORROSION ENGINEERING APPR. BY: _____ COATING TYPE _____ INSPECTION: VISUAL <input type="checkbox"/> JEEP <input type="checkbox"/> TYPE PATCH MATERIAL _____ CONDITION OF PIPE COATING WHEN DELIVERED TO JOB: GOOD <input type="checkbox"/> FAIR <input type="checkbox"/> POOR <input type="checkbox"/> INSULATION CHECKED <input type="checkbox"/> NO CHECKED _____	TEST CONN PER STANDARD 7.7.1 NO PROPOSED 14 NO INSTALLED _____ NO TESTED OK (P/S INDICATOR) _____ PLASTIC SEPARATIONS INSTALLED <input type="checkbox"/> CONTINUITY OF COUPLINGS CHECKED <input type="checkbox"/> CASING CHECKED FOR SHORT <input type="checkbox"/>		GAS CONTACTS CONSTRUCTION: S. FARLEY (W): 513-287-2588 ENGINEERING SPONSOR: J. BETSCH (W): 513-287-1724 (C): 513-520-3837
FIELD PRESSURE TEST ALL PIPELINES REQUIRED TESTING BEFORE PLACING INTO SERVICE. PRESSURE CHARTS AND FORMS SHOULD BE FORWARDED TO GAS ENGINEERING AND PLANNING REQUIRED TEST PRESSURE RANGE: MIN _____ PSIG TO MAX _____ PSIG HOURS _____ MEDIUM _____ TESTED BY _____ DATE _____		SUPERVISOR BLOCK SUPERVISOR OR CONTRACTOR _____ RECORDED BY _____ DATE STARTED _____ DATE PLACED IN SERVICE _____ DATE COMPLETED _____ PERMIT NO. _____			

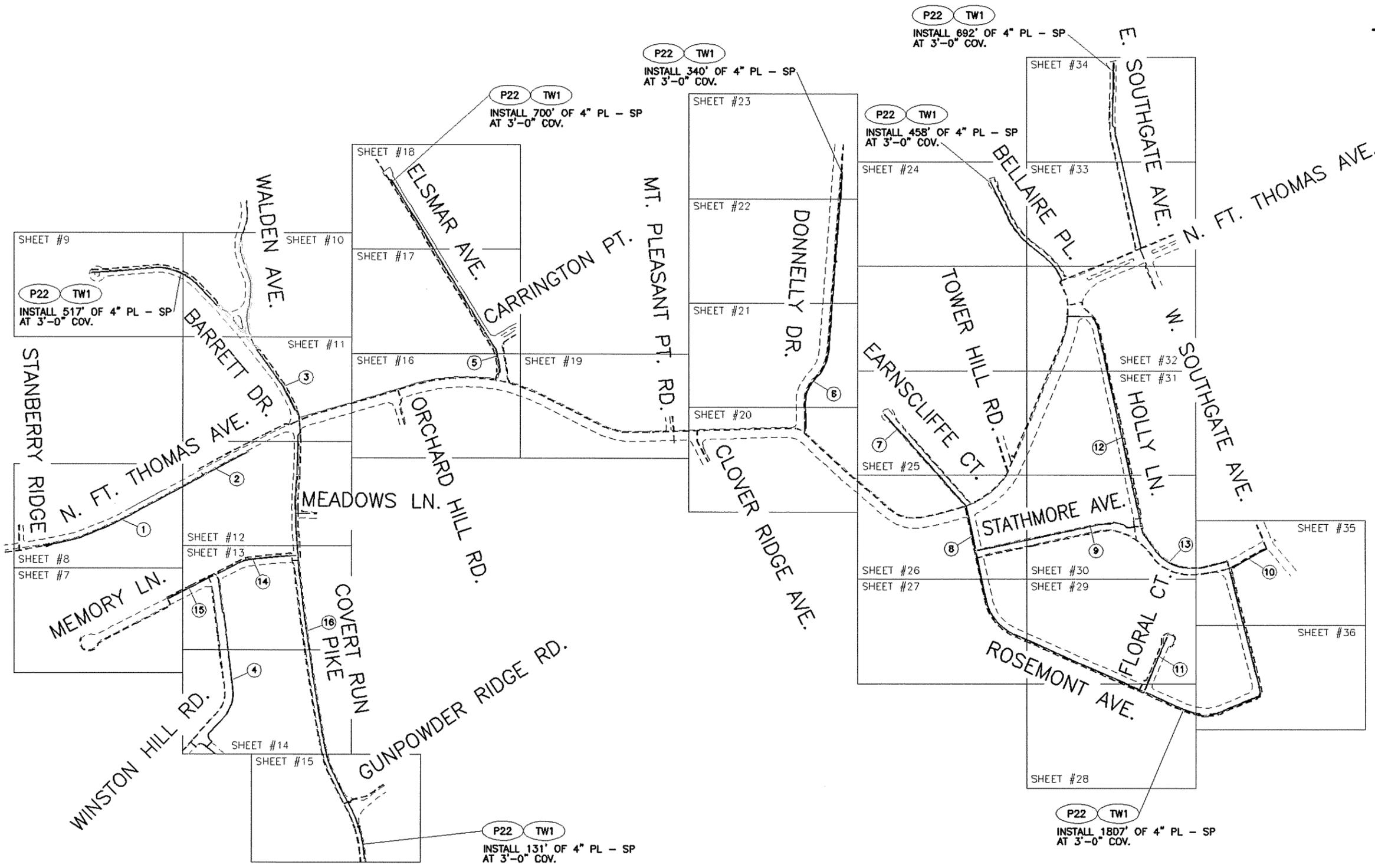
CPCN Filing
April, 2008
Module 316

REVISIONS

INSTALLATION	WORKCODES	W. O. #	MOD 316 MAIN REPLACEMENT FORT THOMAS, CAMPBELL CO., KY	DRAWN	EMS	7-20-06
ABANDONMENT	RO610519	C8043		CHECKED	BNP	8-10-06
RENEW SERVICE M-C	MCO610519	_____		APPROVED	BNP	9-20-06
RENEW SERVICE C-M	CMO610519	_____		CLOSED BY		
RELOCATE METER	CIBSMM	_____		EST. FOOTAGE		12.244'
MAP NO. S 0 1 E 0 1 - 4 9 DRAWING NO. 0 7 - 8 3 1 6 - 7			PASSPORT#		845553	



- (P22 TW1) 1 INSERT 649' OF 4" PL - IP AT 3'-0" COV.
- (P22 TW1) 2 INSTALL 188' OF 4" PL - IP AT 3'-0" COV.
- (P27 TW1) 3 INSTALL 278' OF 6" PL - SP AT 3'-0" COV.
- (P22 TW1) 4 INSTALL 679' OF 4" PL - SP AT 3'-0" COV.
- (P27 TW1) 5 INSTALL 153' OF 6" PL - SP AT 3'-0" COV.
- (P27 TW1) 6 INSTALL 643' OF 6" PL - SP AT 3'-0" COV.
- (P22 TW1) 7 INSTALL 456' OF 4" PL - SP AT 3'-0" COV.
- (P27 TW1) 8 INSTALL 169' OF 6" PL - SP AT 3'-0" COV.
- (P22 TW1) 9 INSTALL 621' OF 4" PL - SP AT 3'-0" COV.
- (P22 TW1) 10 INSTALL 184' OF 4" PL - SP AT 3'-0" COV.
- (P22 TW1) 11 INSTALL 221' OF 4" PL - SP AT 3'-0" COV.
- (P22 TW1) 12 INSTALL 880' OF 6" PL - SP AT 3'-0" COV.
- (P22 TW1) 13 INSTALL 621' OF 4" PL - SP AT 3'-0" COV.
- (P27 TW1) 14 INSTALL 313' OF 6" PL - SP AT 3'-0" COV.
- (P22 TW1) 15 INSTALL 203' OF 4" PL - SP AT 3'-0" COV.
- (P27 TW1) 16 INSTALL 1453' OF 6" PL - SP AT 3'-0" COV.



SITE PLAN & PIPE SHEET

ALL PIPE TO BE DIRECT BURY UNLESS OTHERWISE NOTED.
DETAILS MAY HAVE SMALL AMOUNTS OF FOOTAGE LISTED.

REVISIONS

** GAS MAIN REPLACEMENT **														
** SERVICE CHECK LIST **														
(SUBJECT TO STANDARD FIELD CHECK)														
CO#	ID#	HSE#	STREET NAME	SIZE	KIND	LENGTH	NEAR HOUSE		METER	5' x 5'	4' x 2'	4' x 2'	4' x 2'	FILLED
							DIST	DIR						
7	429047	5	GUNPOWDER RIDGE	1 1/4	PL	40	0	SN						
7	38700	2111	FORT THOMAS N	1 1/4	CU	41	13	NS						
7	461250	2130	FORT THOMAS N	1 1/4	PL	42	4	SS						
7	38683	1831	FORT THOMAS N	1 1/4	S	45	10	SN						
7	358938	1837	FORT THOMAS N	1 1/4	CU	45	14	SN						
7	38689	1923	FORT THOMAS N	1 1/4	PL	45	5	NN						
7	41295	134	STRATHMORE	1 1/4	CU	52	2	SS						
7	38251	18	EARNSCLIFFE	1 1/2	S	1	1	EE						
7	41165	81	SOUTHGATE W	1 1/2	S	1	17	EW						
7	39881	5	HOLLY LN	1 1/2	S	2	2	EW						
7	39682	9	HOLLY LN	1 1/2	S	2	3	EE						
7	40657	110	ROSEMONT	1 1/2	S	3	10	SN						
7	40658	114	ROSEMONT	1 1/2	S	3	12	EW						
7	40661	118	ROSEMONT	1 1/2	S	3	12	SN						
7	40663	122	ROSEMONT	1 1/2	S	3	14	EW						
7	40666	200	ROSEMONT	1 1/2	S	3	0	WW						
7	40667	202	ROSEMONT	1 1/2	S	3	1	WW						
7	40677	224	ROSEMONT	1 1/2	S	3	5	WW						
7	40678	226	ROSEMONT	1 1/2	S	3	1	WW						
7	40683	236	ROSEMONT	1 1/2	S	3	15	EW						
7	40685	240	ROSEMONT	1 1/2	S	3	2	WE						
7	40687	246	ROSEMONT	1 1/2	S	3	9	EW						
7	40691	252	ROSEMONT	1 1/2	S	3	16	WE						
7	40693	260	ROSEMONT	1 1/2	S	3	15	EW						
7	41277	93	STRATHMORE	1 1/2	S	3	12	NS						
7	41278	95	STRATHMORE	1 1/2	S	3	15	NS						
7	41279	101	STRATHMORE	1 1/2	S	3	15	NS						
7	41280	105	STRATHMORE	1 1/2	S	3	15	NS						
7	41282	109	STRATHMORE	1 1/2	S	3	15	NS						
7	41288	121	STRATHMORE	1 1/2	S	3	11	SN						
7	41292	129	STRATHMORE	1 1/2	S	3	1	NN						
7	38260	41	EARNSCLIFFE	1 1/2	S	15	6	EE						
7	40688	248	ROSEMONT	1 1/2	S	15	3	WE						
7	38259	37	EARNSCLIFFE	1 1/2	S	20	2	WE						
7	37525	42	BARRETT	2	S	1	5	EW						
7	41128	58	SOUTHGATE E	2	PL	4	11	WW						
7	452358	2144	FORT THOMAS N	2	PL	33	29	SS						
7	514263	90	BARRETT	2	PL	40	60	NN						
7	38709	2200	FORT THOMAS N	3/4	CU	41	3	NN						
7	362051	2126	FORT THOMAS N	??	0	12	SN							

** GAS MAIN REPLACEMENT **														
** SERVICE CHECK LIST **														
(SUBJECT TO STANDARD FIELD CHECK)														
CO#	ID#	HSE#	STREET NAME	SIZE	KIND	LENGTH	NEAR HOUSE		METER	5' x 5'	4' x 2'	4' x 2'	4' x 2'	FILLED
							DIST	DIR						

** GAS MAIN REPLACEMENT **														
** SERVICE CHECK LIST **														
(SUBJECT TO STANDARD FIELD CHECK)														
CO#	ID#	HSE#	STREET NAME	SIZE	KIND	LENGTH	NEAR HOUSE		METER	5' x 5'	4' x 2'	4' x 2'	4' x 2'	FILLED
							DIST	DIR						

** GAS MAIN REPLACEMENT **														
** SERVICE CHECK LIST **														
(SUBJECT TO STANDARD FIELD CHECK)														
CO#	ID#	HSE#	STREET NAME	SIZE	KIND	LENGTH	NEAR HOUSE		METER	5' x 5'	4' x 2'	4' x 2'	4' x 2'	FILLED
							DIST	DIR						
7	366288	29	HOLLY LN	??	0	0	0	EE						
7	365906	48	ROSSFORD	??	0	2	WE							
7	378813	72	STRATHMORE	??	0	1	NS							

** GAS MAIN REPLACEMENT **														
** SERVICE CHECK LIST **														
(SUBJECT TO STANDARD FIELD CHECK)														
CO#	ID#	HSE#	STREET NAME	SIZE	KIND	LENGTH	NEAR HOUSE		METER	5' x 5'	4' x 2'	4' x 2'	4' x 2'	FILLED
							DIST	DIR						

** GAS MAIN REPLACEMENT **														
** SERVICE CHECK LIST **														
(SUBJECT TO STANDARD FIELD CHECK)														
CO#	ID#	HSE#	STREET NAME	SIZE	KIND	LENGTH	NEAR HOUSE		METER	5' x 5'	4' x 2'	4' x 2'	4' x 2'	FILLED
							DIST	DIR						

REVISIONS

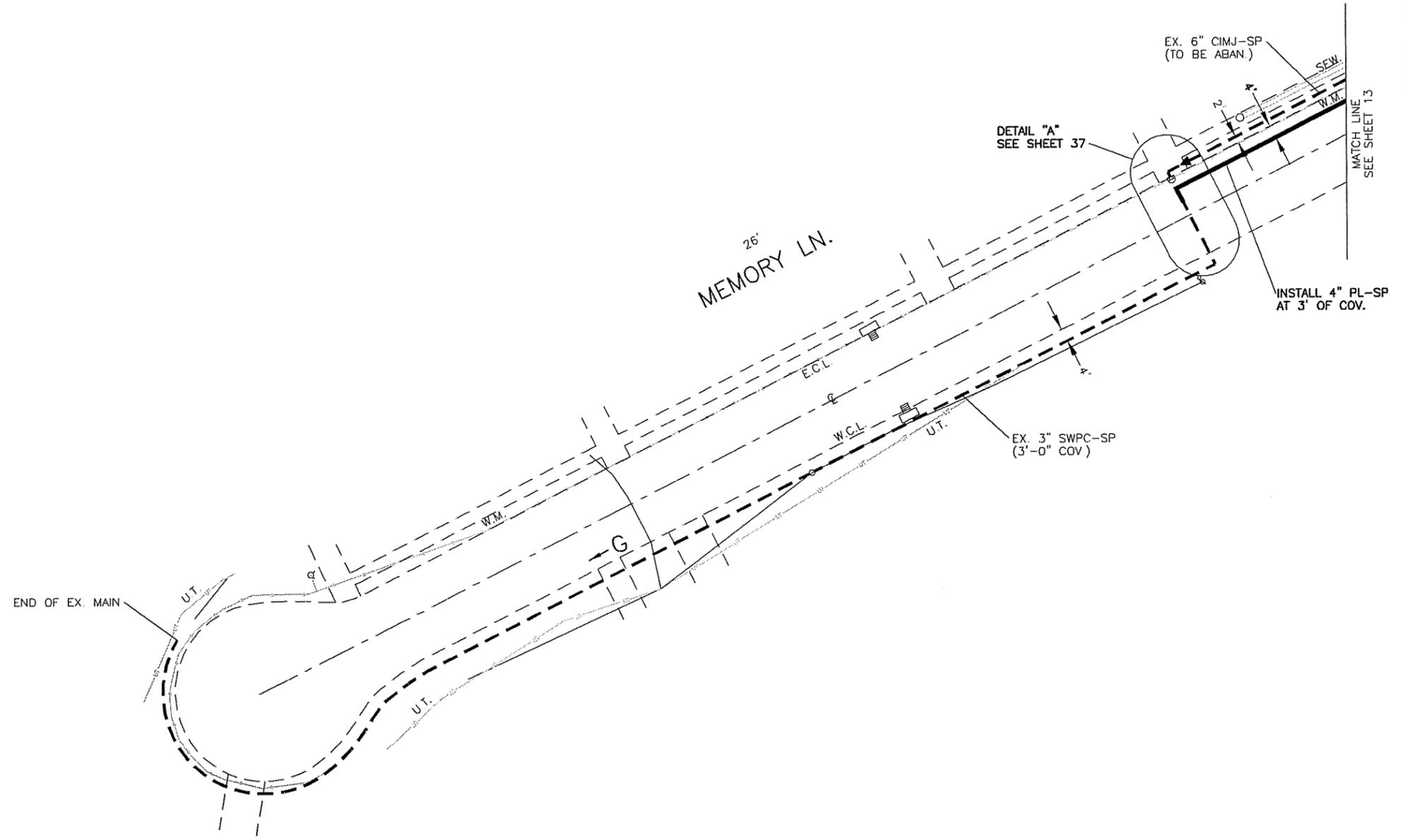
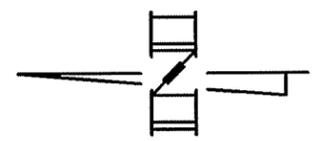
MAIN MATERIAL LIST

ITEM	DESCRIPTION	STOCK NO.	EST.	ACTUAL
4PLDR			11	
6PLDR			3	
AN3	17# GALVOMAG	0050056182	14	
B09	ROUND VALVE BOX	0050057322	24	
B09	ROUND VALVE BOX LID	0050057324	24	
CA28	4" IPS BUTT FUSION CAP	0050057347	1	
CA30	6" IPS BUTT FUSION CAP	0050088404	1	
CA32	2" IPS PURGE POINT FITTING	0050057593	7	
CO23			1	
CO24			1	
CO30	6" ELECTROFUSION COUPLING	0050091357	25	
CO33	4" COUPLING #711 S-PL W/ STIFFENER	0050057434	8	
CO34	6" COUPLING #711 S-PL W/ STIFFENER	0050057436	4	
CO39	2" ELECTROFUSION COUPLING	0050057409	1	
CO41	4" ELECTROFUSION COUPLING	0050057407	24	
CO58	12" COUPLING #711 S-PL	0050118102	4	
CO9	4" COUPLING #399 S-S INS	0050057457	1	
EL14	4" - 45 DEG. WELD ELL	0050057537	1	
EL38	4" - 45 DEG. IPS BUTT FUSION ELL	0050057554	23	
EL39	4" - 90 DEG. IPS BUTT FUSION ELL	0050057555	2	
EL43	6" - 45 DEG. IPS BUTT FUSION ELL	0050088405	9	
EL44	6" - 90 DEG. IPS BUTT FUSION ELL	0050088406	1	
P22	4" IPS PLASTIC PIPE - 40' .395 SDR 11.5	0050056058	8,142	
P27	6" IPS PLASTIC PIPE - 40' .491 SDR 13.5	0050088398	4,042	
P3	4" SWPC PIPE .188 API 5L - GRADE X-42	0050105451	24	
P36	12" IPS PLASTIC PIPE - 40' SDR 13.5	0050118108	20	
P6	12" SWPC PIPE .219 API 5L - GRADE X-42	0050105454	16	
RE11	4" IPS x 2" IPS BUTT FUSION REDUCER	0050057758	8	
RE15	6" IPS x 4" IPS BUTT FUSION REDUCER	0050088410	14	
ST6	4" STIFFENER	0050057855	2	
TE39	4" IPS BUTT FUSION TEE	0050057867	2	
TE42	6" IPS BUTT FUSION TEE	0050088411	8	
TE70	4" x 1" ELECTROFUSION TEE	000903923	14	
TE71	6" x 1" ELECTROFUSION TEE	000903927	8	
TE82	12" X 12" SDR 13.5 X 6" IPS REDUCING BUTT FUSION BR	0050118115	2	
TW1	TRACER WIRE	0050079028	12,204	
WE7	14" - 12" X 4" REDUCING BUTT WELDOLET	0050058149	3	
WR2	4" HEAT SHRINKABLE WRAP	0050057843	2	

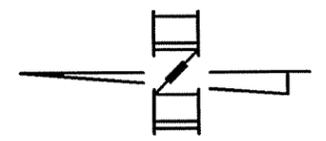
RETIREMENT MATERIAL LIST

ITEM	DESCRIPTION	STOCK NO	EST.	ACTUAL
CA3	4" M.J. CAP	0050057329	1	
CA28	4" IPS BUTT FUSION CAP	0050057347	7	
CA30	6" IPS BUTT FUSION CAP	0050088404	7	
CA31	8" IPS BUTT FUSION CAP	0050092510	3	
CA35	3" IPS BUTT FUSION CAP	0050091397	1	
CO32	3" COUPLING #711 S-PL W/STIFFENER	0050057432	1	
CO33	4" COUPLING #711 S-PL W/STIFFENER	0050057434	4	
CO34	6" COUPLING #711 S-PL W/STIFFENER	0050057436	5	
CO48	8" CI-PL COUPLING W/STIFFENER	0050092526	1	

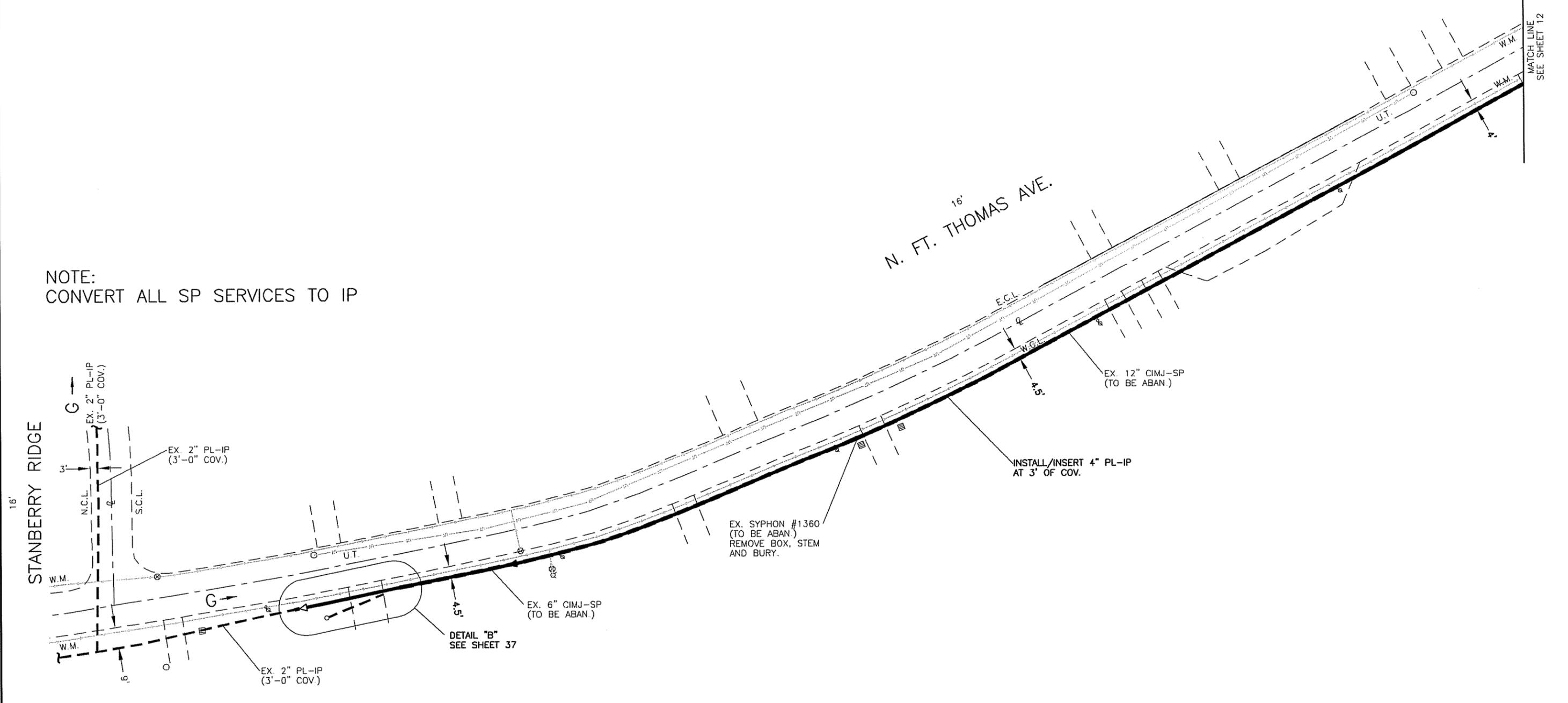
REVISIONS



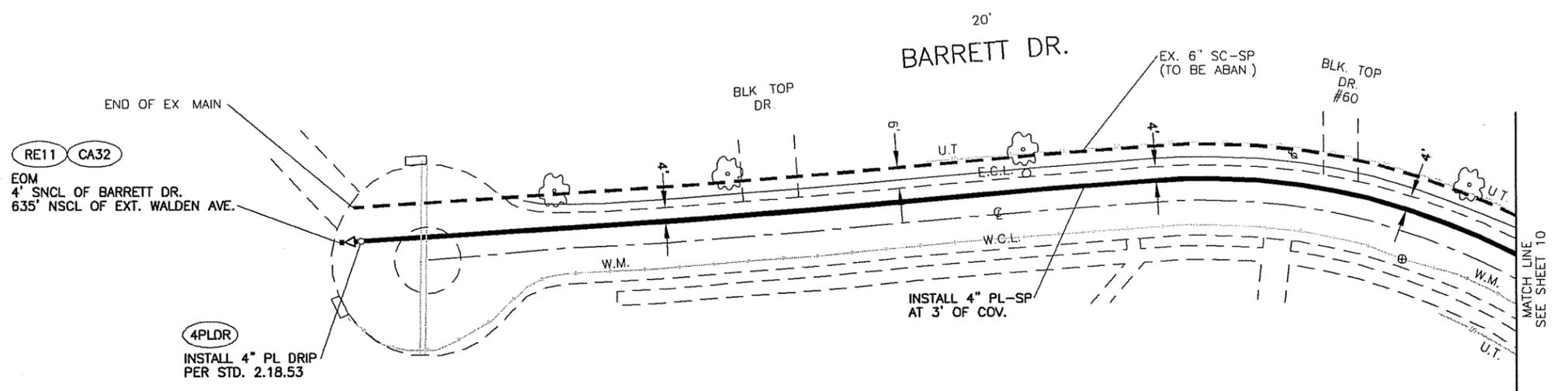
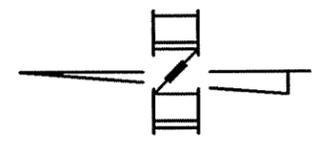
REVISIONS



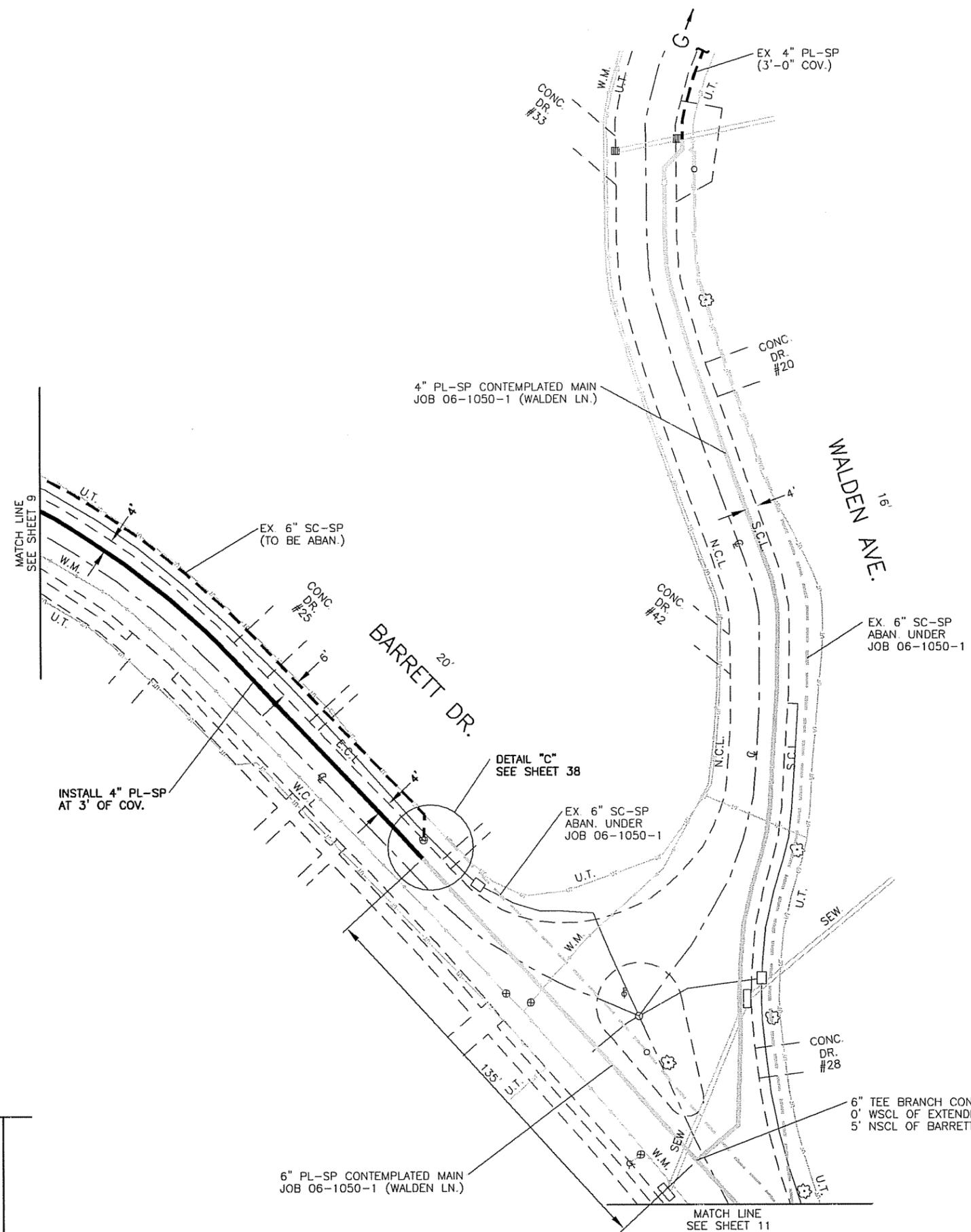
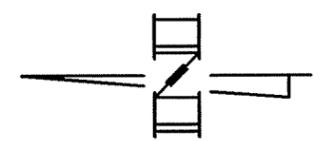
NOTE:
CONVERT ALL SP SERVICES TO IP



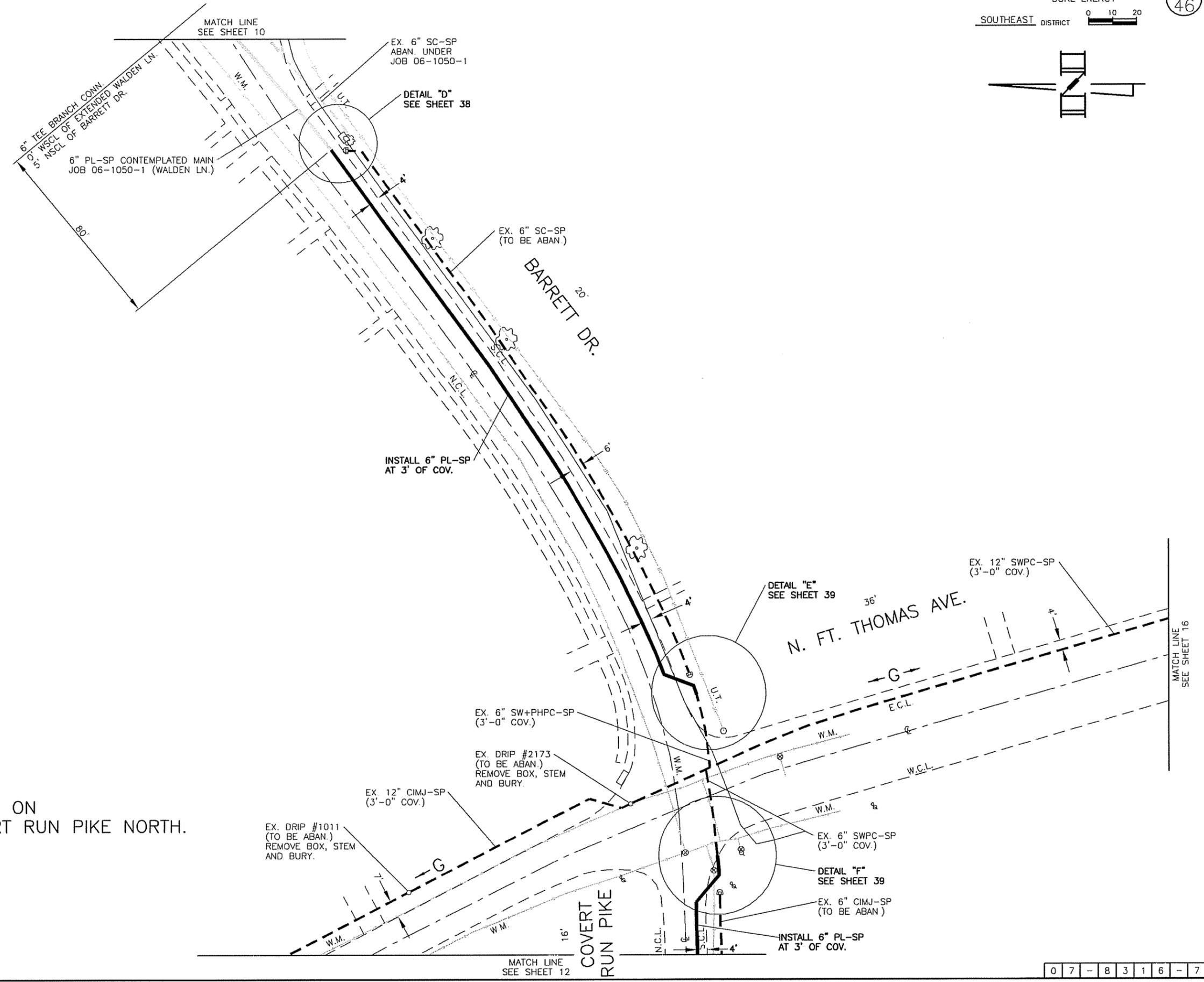
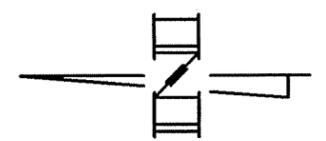
REVISIONS



REVISIONS

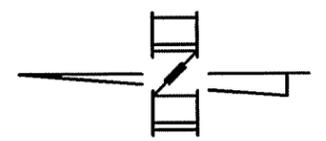


REVISIONS

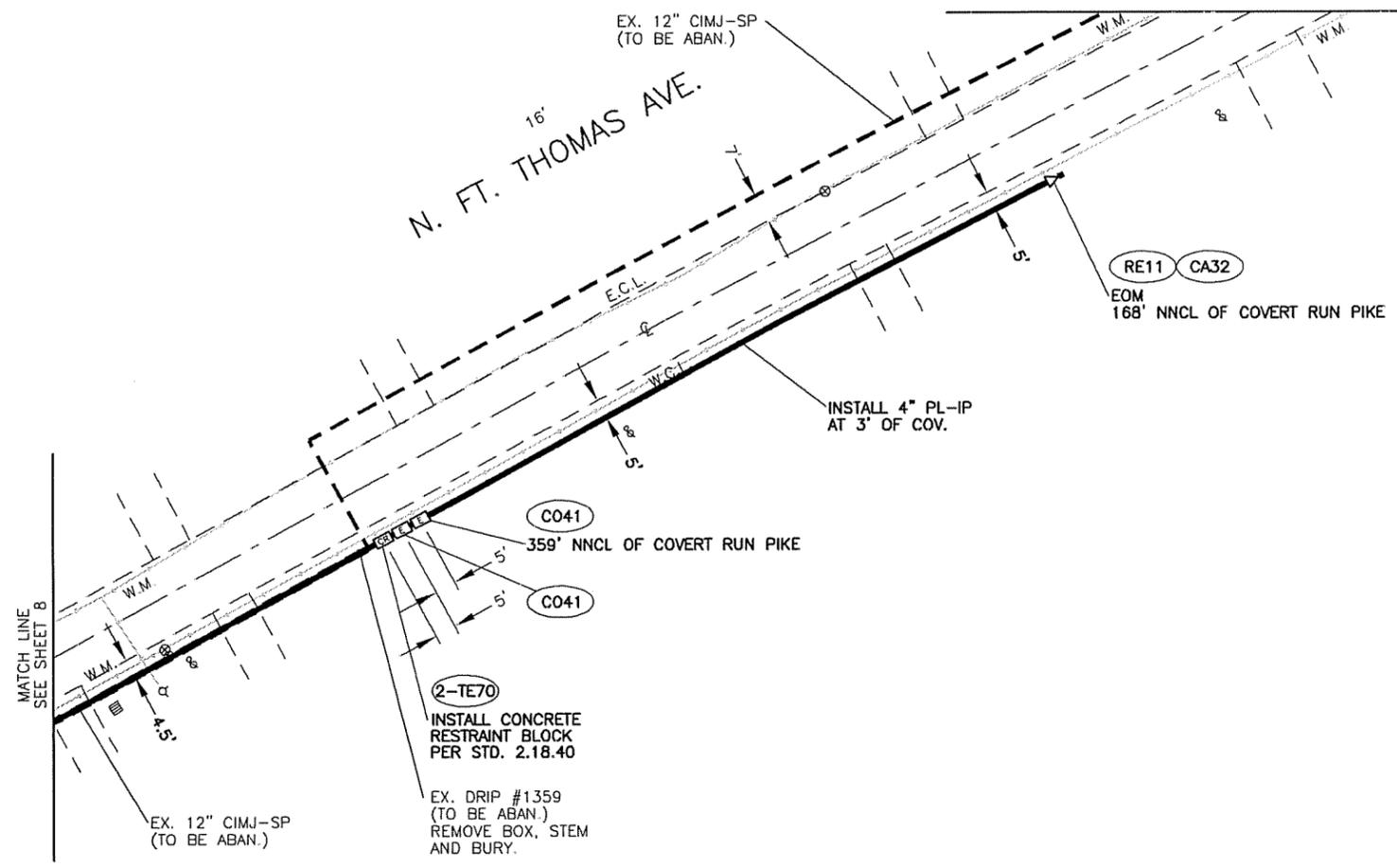


NOTE:
 CONVERT ALL SP SERVICES TO IP ON
 N. FT. THOMAS AVE. FROM COVERT RUN PIKE NORTH.

REVISIONS



MATCH LINE
SEE SHEET 11



16'
COVERT RUN PIKE

(6PLDR)
INSTALL 6" PL DRIP
PER STD. 2.18.53

EX. DRIP #1270
(TO BE ABAN.)
REMOVE BOX, STEM
AND BURY.

EX. 6" CIMJ-SP
(TO BE ABAN.)

INSTALL 6" PL-SP
AT 3' OF COV.

20'
MEADOWS LN.

EX. 4" P7+PH-SP
(3'-0" COV.)

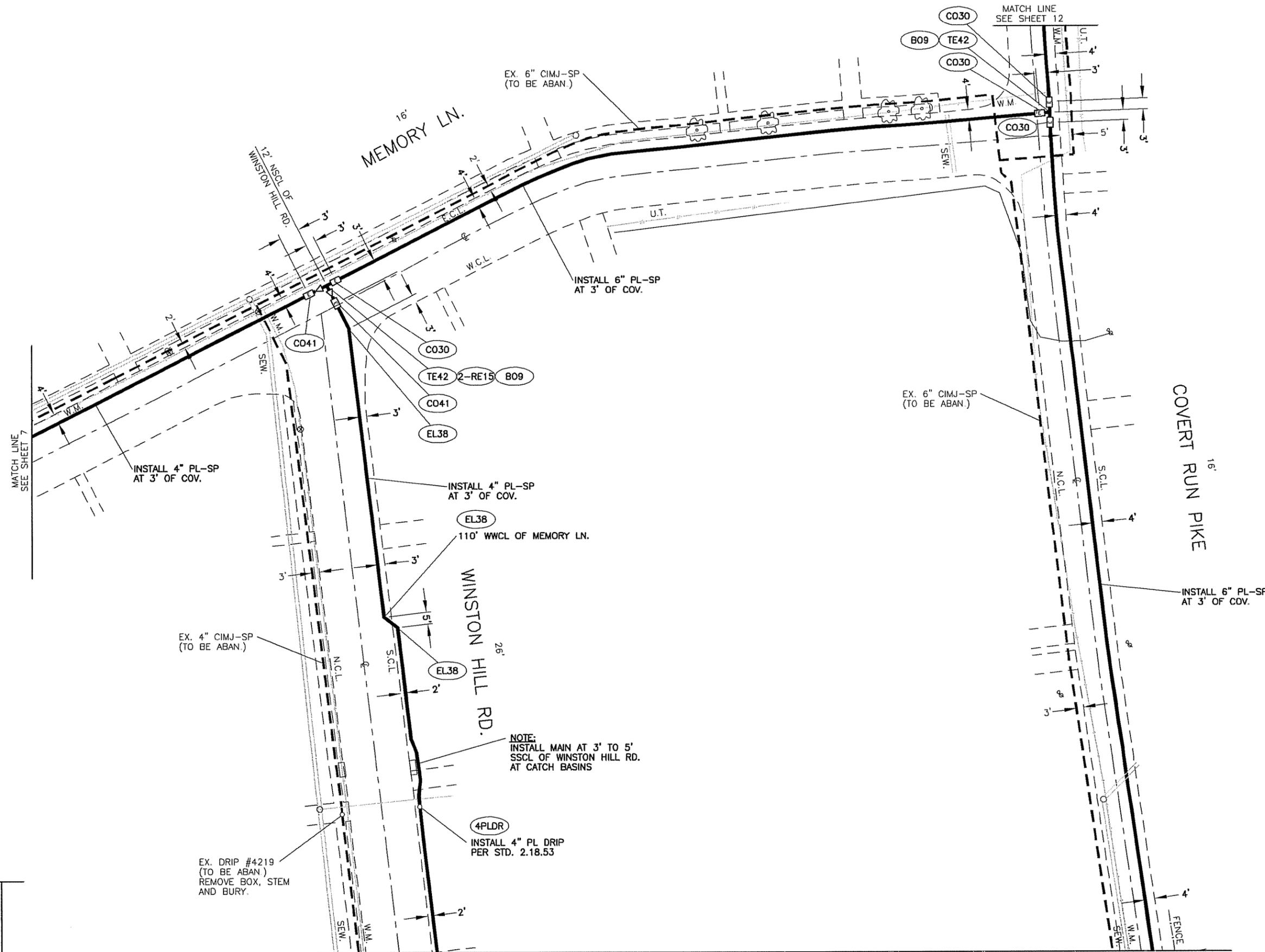
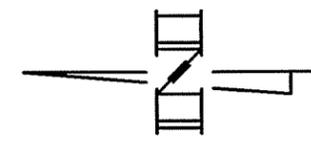
DETAIL "G"
SEE SHEET 40

EX. 6" CIMJ-SP
(TO BE ABAN.)

MATCH LINE
SEE SHEET 13

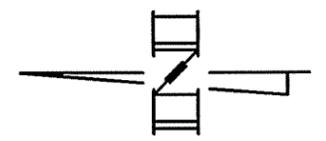
NOTE:
CONVERT ALL SP SERVICES TO IP ON
N. FT. THOMAS AVE. FROM COVERT RUN PIKE NORTH.

REVISIONS



REVISIONS

MATCH LINE
SEE SHEET 14



MATCH LINE
SEE SHEET 13

EX. DRIP #2119
(TO BE ABAN.)
REMOVE BOX, STEM
AND BURY

4PLDR
INSTALL 4" PL DRIP
PER STD. 2.18.53

WINSTON HILL RD.
26'

EX. 4" CIMJ-SP
(TO BE ABAN.)

INSTALL 4" PL-SP
AT 3' OF COV.

DETAIL "H"
SEE SHEET 40

PLEASENT RIDGE RD.
22'

EX. 4" SWPC-SP
(3'-0" COV.)

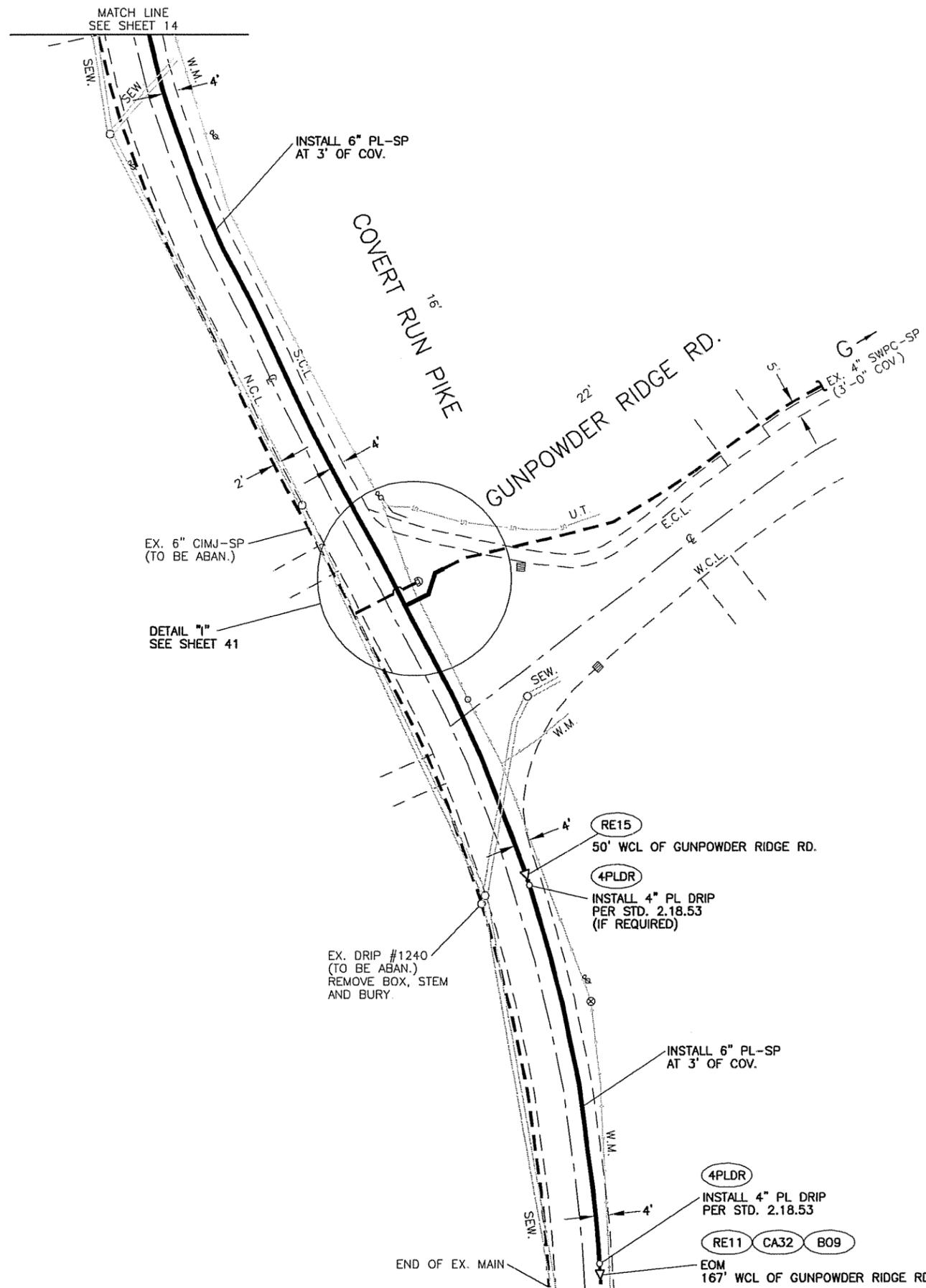
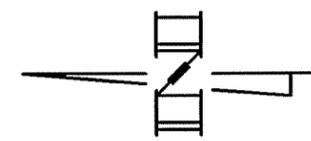
EX. 6" CIMJ-SP
(TO BE ABAN.)

COVERT RUN PIKE
16'

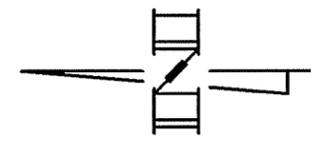
INSTALL 6" PL-SP
AT 3' OF COV.

MATCH LINE
SEE SHEET 15

REVISIONS



REVISIONS



INSTALL 6" PL-SP
AT 3' OF COV.

MATCH LINE
SEE SHEET 17

EX. 6" SWPC-SP
(TO BE ABAN.)

DETAIL "J"
SEE SHEET 41

EX. 4" SWPC-SP
(TO BE ABAN.)

CUT AND SEAL
CA28 CO33
CUT & CAP

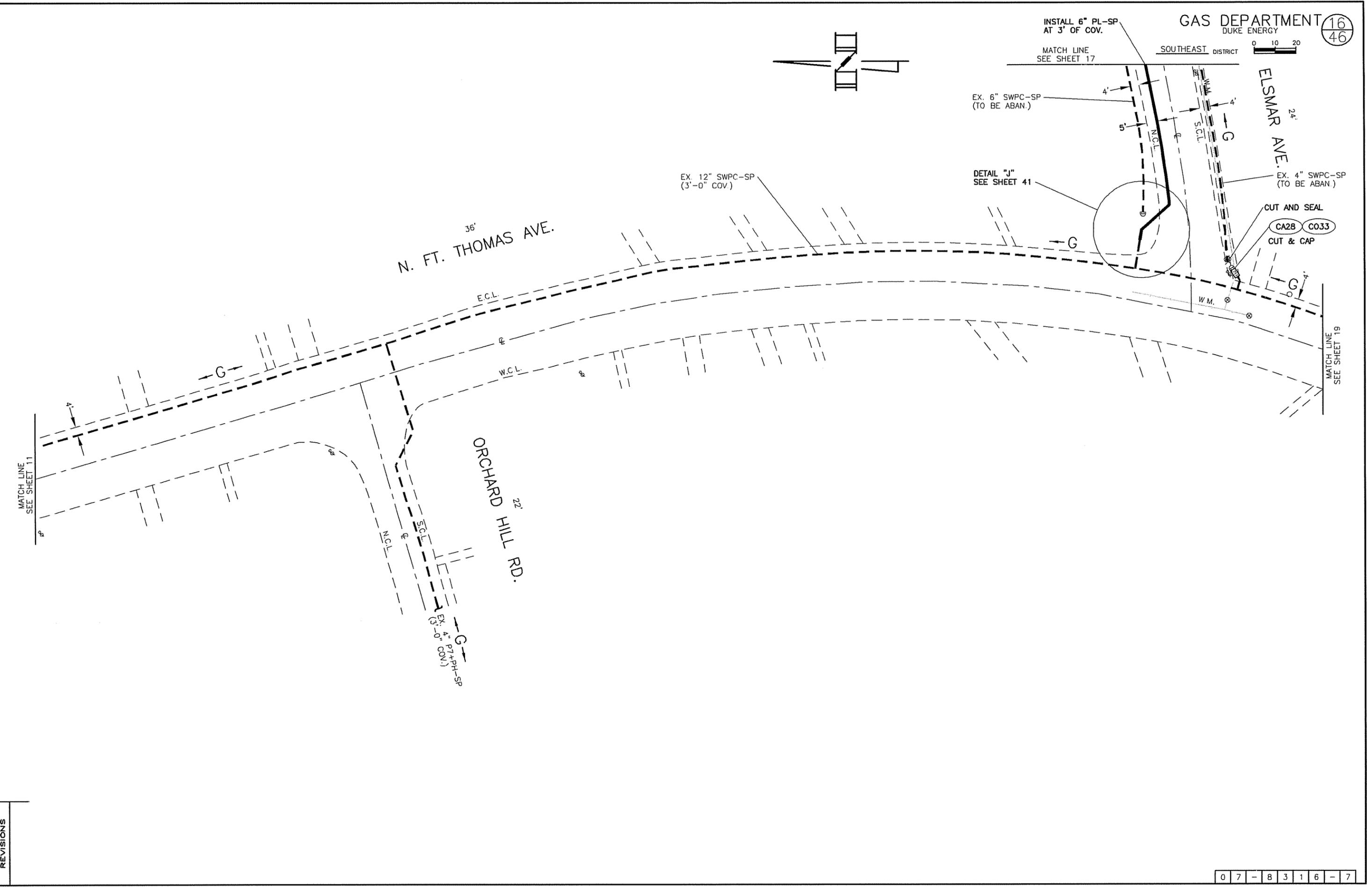
36'
N. FT. THOMAS AVE.

24'
ELSMAR AVE.

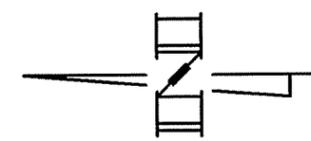
22'
ORCHARD HILL RD.

MATCH LINE
SEE SHEET 11

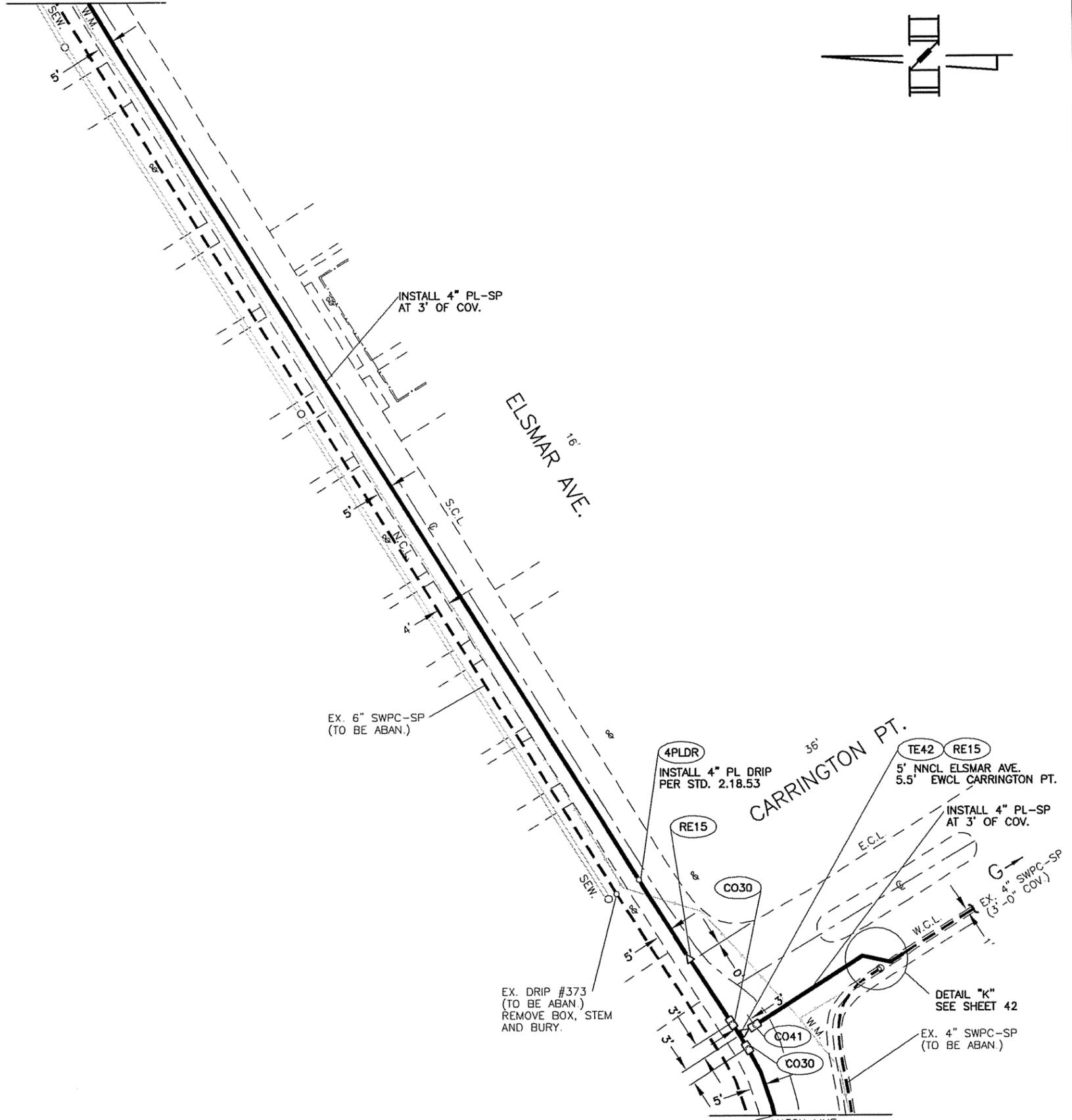
MATCH LINE
SEE SHEET 19



REVISIONS



MATCH LINE
SEE SHEET 18

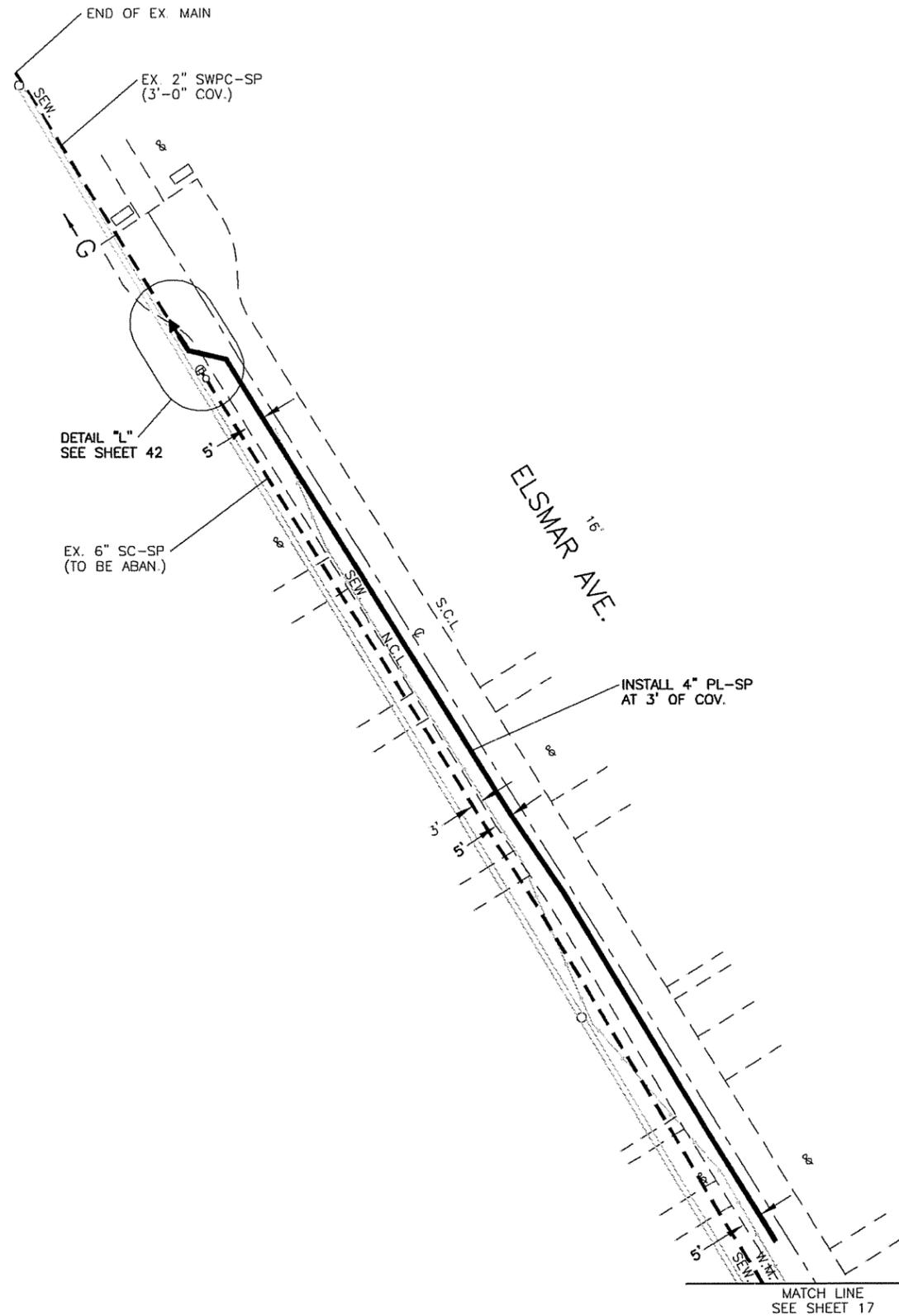
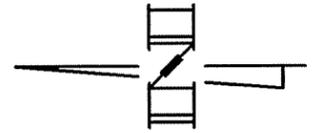


INSTALL 6" PL-SP AT 3' OF COV.

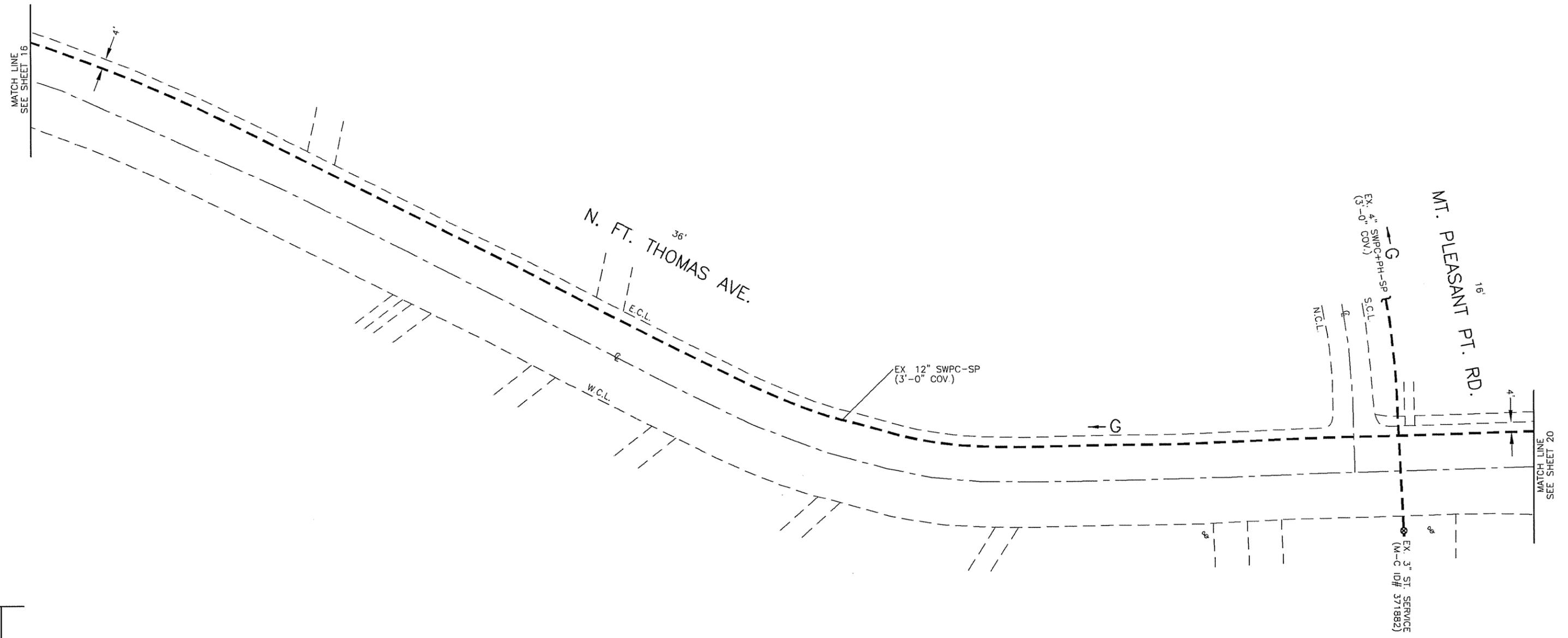
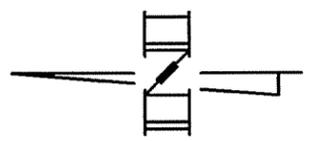
MATCH LINE
SEE SHEET 16

0	7	-	8	3	1	6	-	7
---	---	---	---	---	---	---	---	---

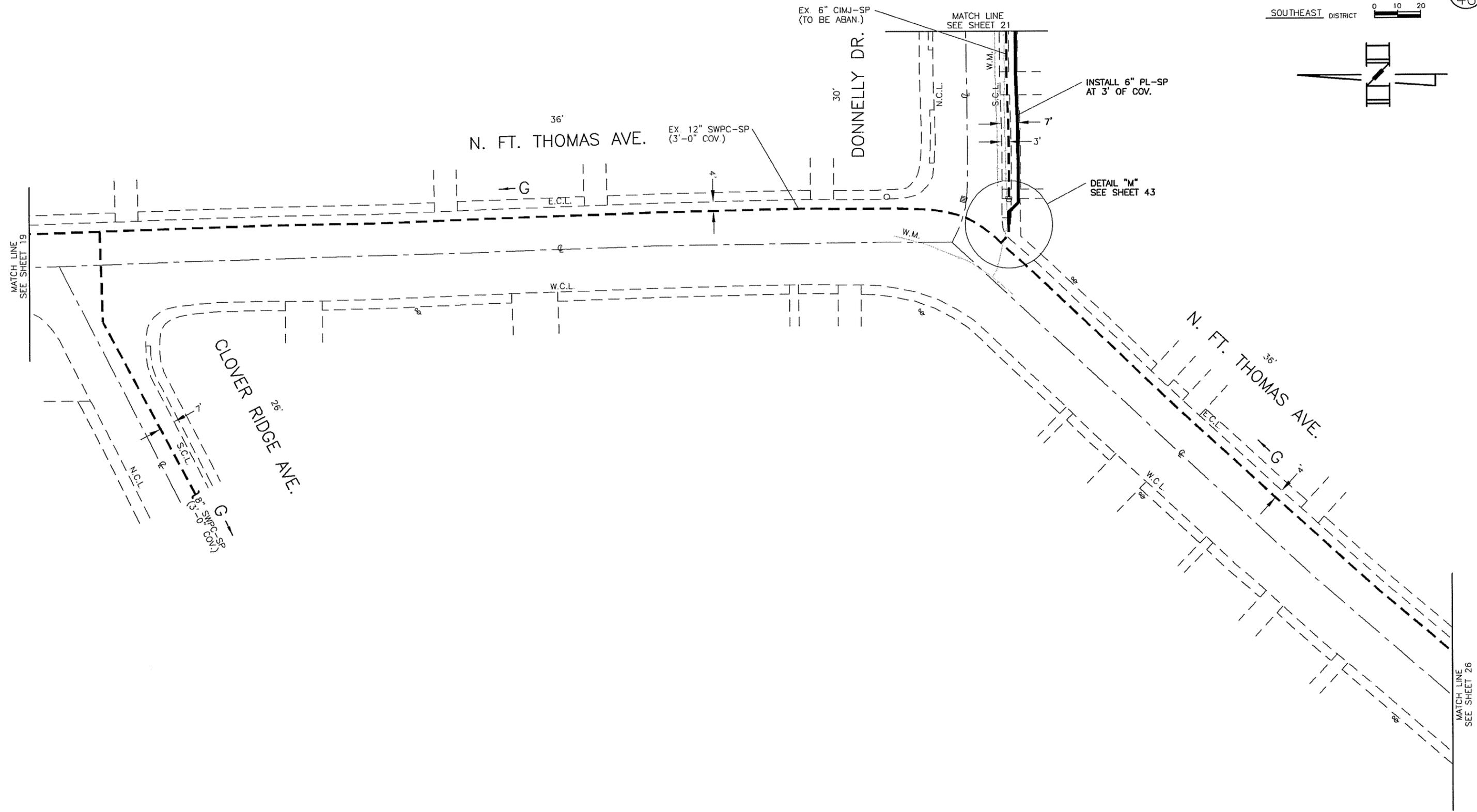
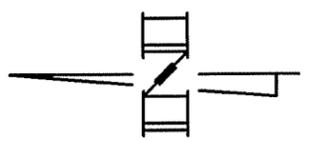
REVISIONS



REVISIONS

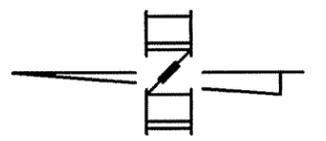


REVISIONS



REVISIONS

MATCH LINE
SEE SHEET 22



30'
DONNELLY DR.

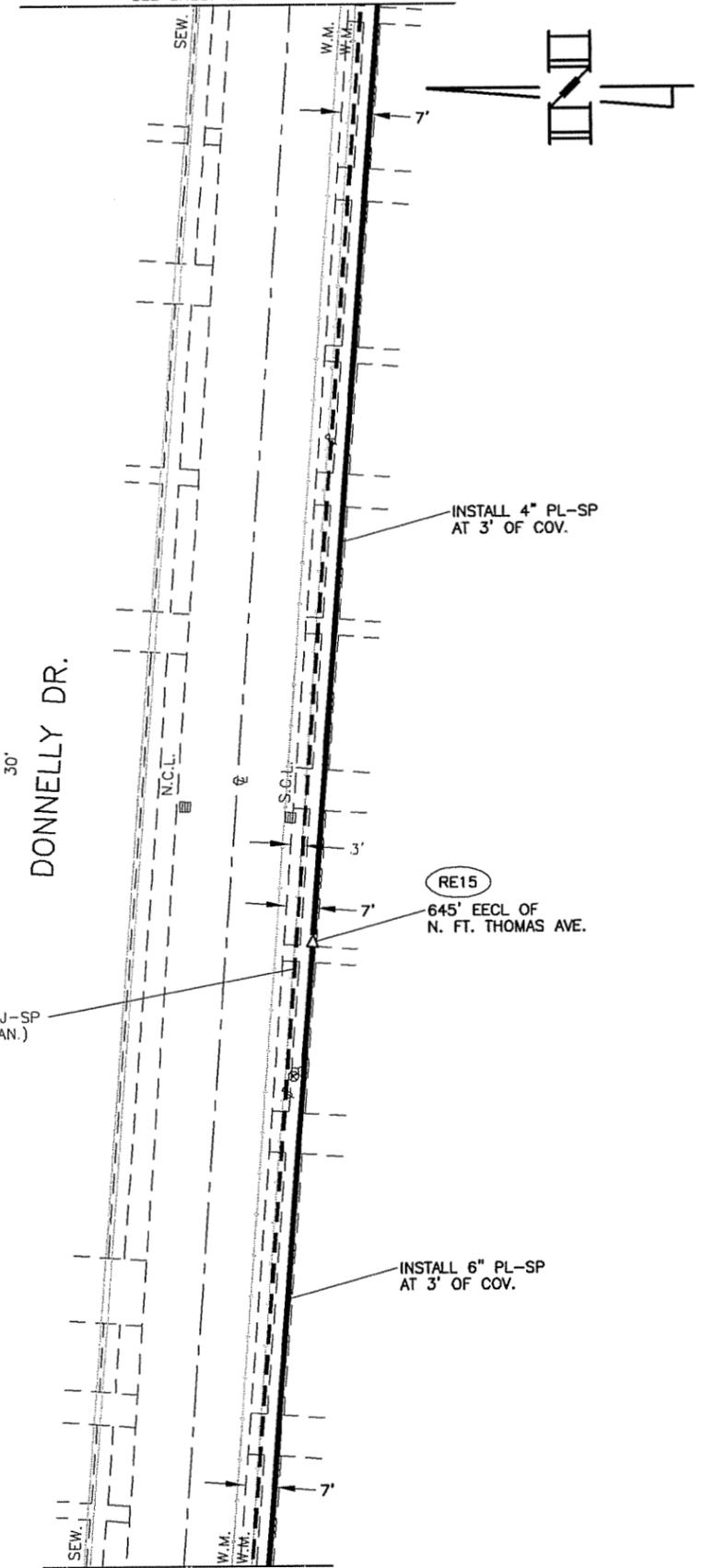
EX. 6" CIMJ-SP
(TO BE ABAN.)

INSTALL 6" PL-SP
AT 3' OF COV.

MATCH LINE
SEE SHEET 20

REVISIONS

MATCH LINE
SEE SHEET 23



30'
DONNELLY DR.

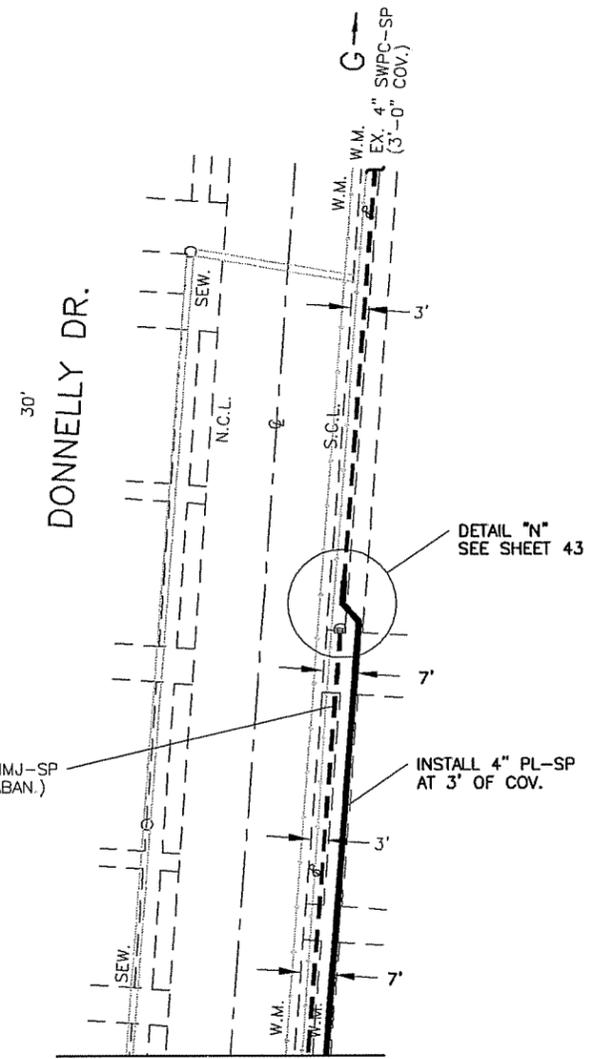
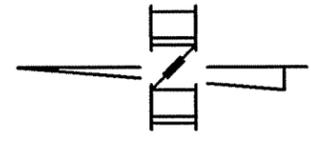
EX. 6" CIMJ-SP
(TO BE ABAN.)

RE15
645' EECL OF
N. FT. THOMAS AVE.

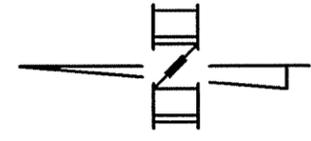
INSTALL 6" PL-SP
AT 3' OF COV.

MATCH LINE
SEE SHEET 21

REVISIONS



REVISIONS



RE11 CA32 B09

EOM
464' EECL OF N. FT. THOMAS AVE.
5' WECL OF BELLAIRE PL.

END OF EX. MAIN
EX. DRIP #633
(TO BE ABAN.)
REMOVE BOX, STEM
AND BURY.

4PLDR

INSTALL 4" PL DRIP
PER STD. 2.18.53

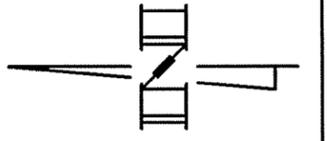
BELLAIRE PL.
18'

EX. 4" CIC-SP
(TO BE ABAN.)

INSTALL 4" PL-SP
AT 3' OF COV.

MATCH LINE
SEE SHEET 33

REVISIONS



RE11 CA32 B09

EOM
458' EECL OF N. FT. THOMAS AVE.
5' WECL OF EARNSCLIFFE CT.

4PLDR
INSTALL 4" PL DRIP
PER STD. 2.18.53
(IF REQUIRED)

4PLDR
INSTALL 4" PL DRIP
PER STD. 2.18.53

INSTALL 4" PL-SP
AT 3' OF COV.

EX. DRIP #81
(TO BE ABAN.)
REMOVE BOX, STEM
AND BURY.

EX. 3" ST-SP
(TO BE ABAN.)

EX. 12" SC-SP
(3'-0" COV.)

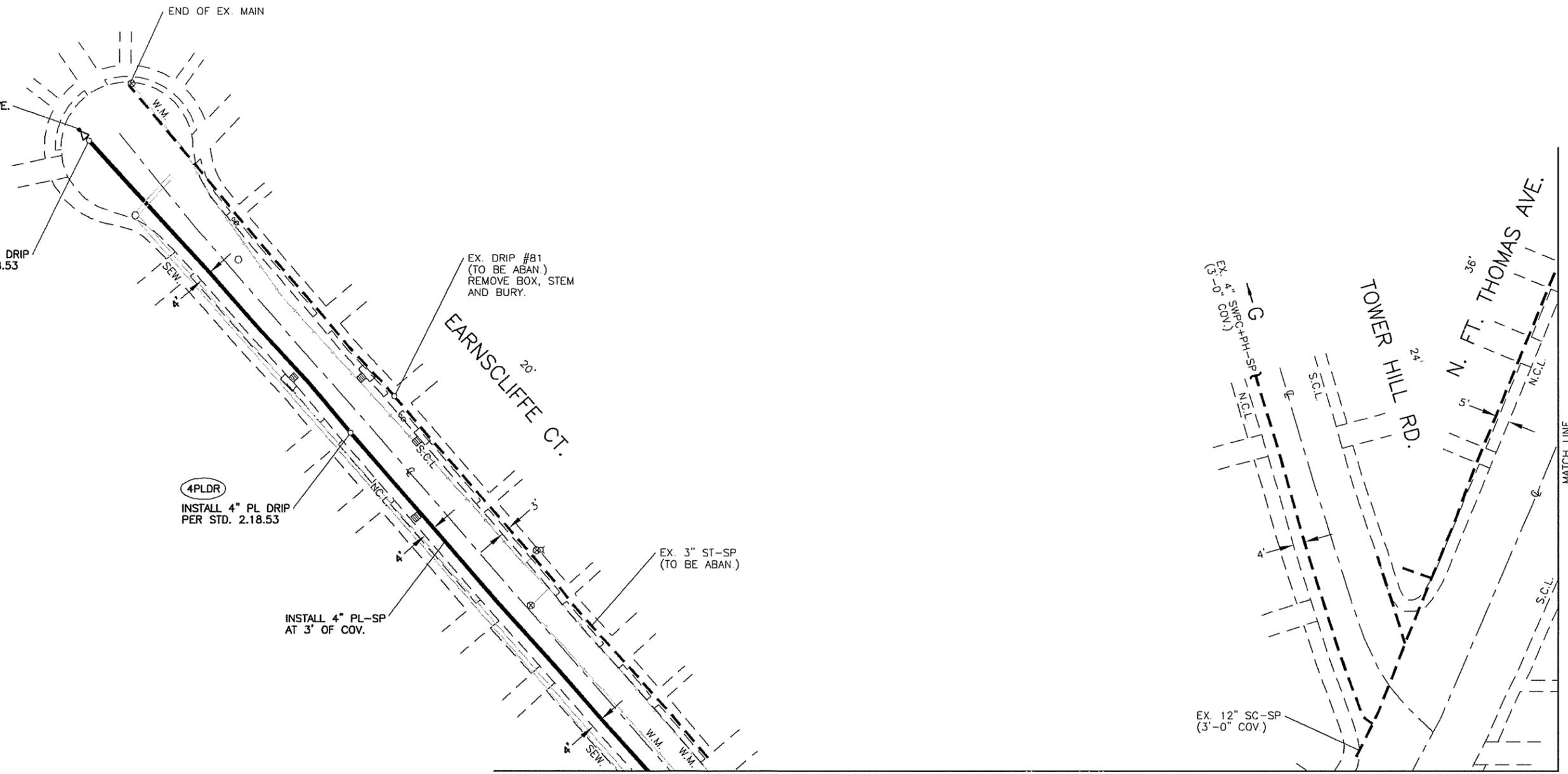
EX. 4" SMC-PH-SP
(3'-0" CON.)

REVISIONS

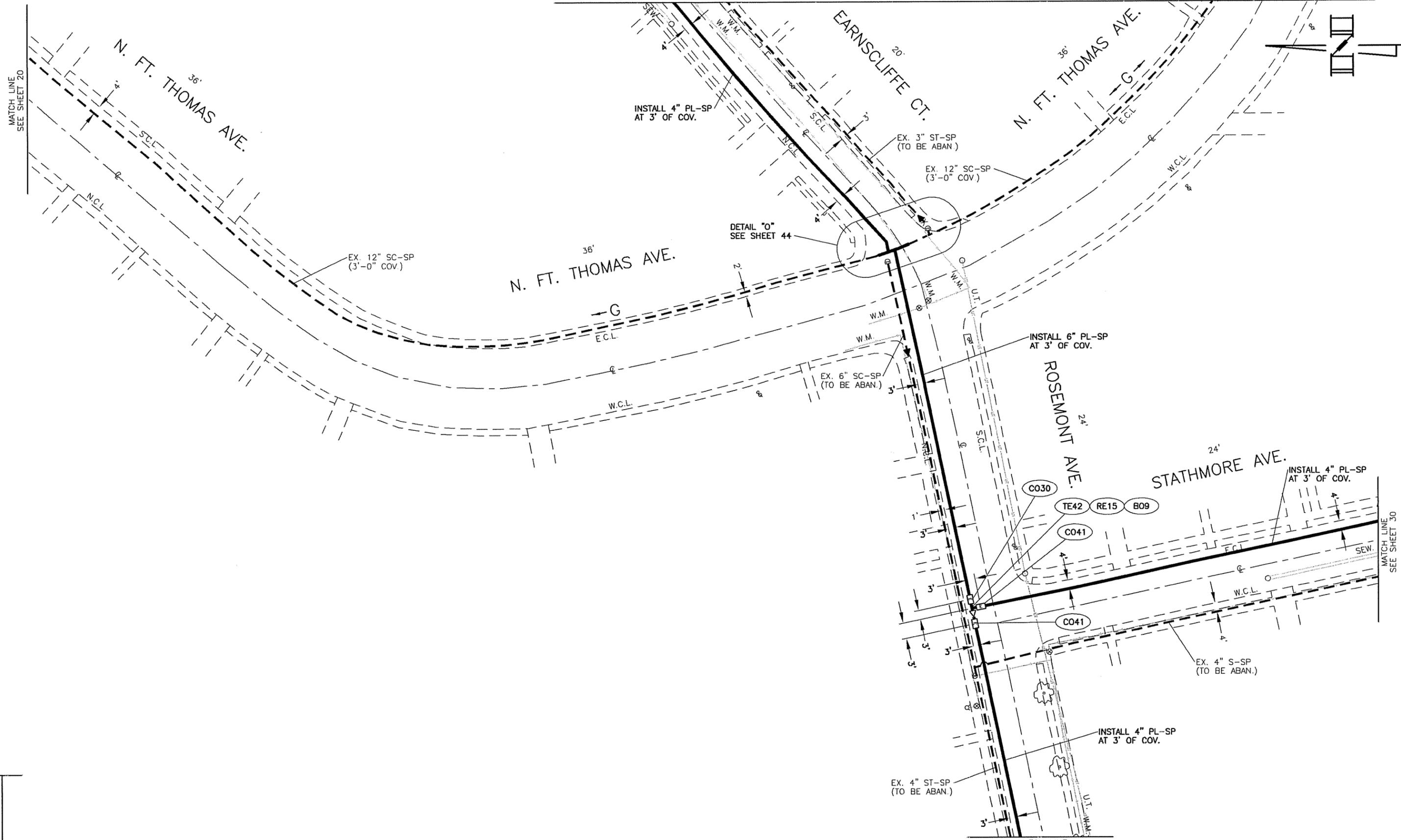
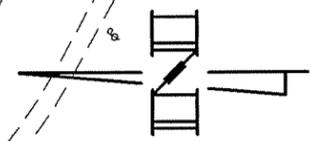
MATCH LINE
SEE SHEET 26

MATCH LINE
SEE SHEET 31

0 7 - 8 3 1 6 - 7



MATCH LINE
SEE SHEET 25



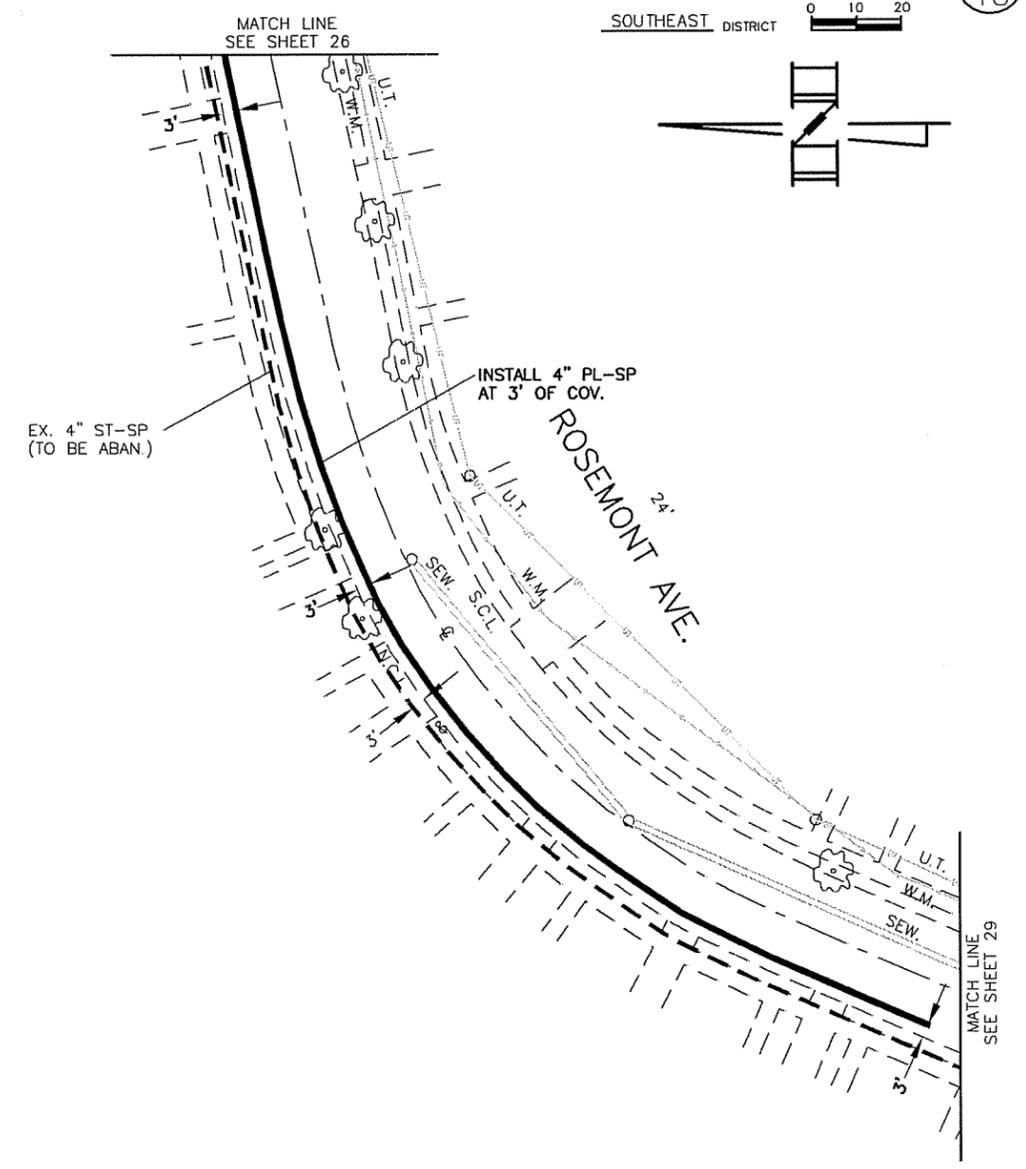
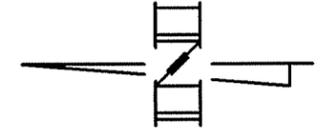
MATCH LINE
SEE SHEET 20

MATCH LINE
SEE SHEET 30

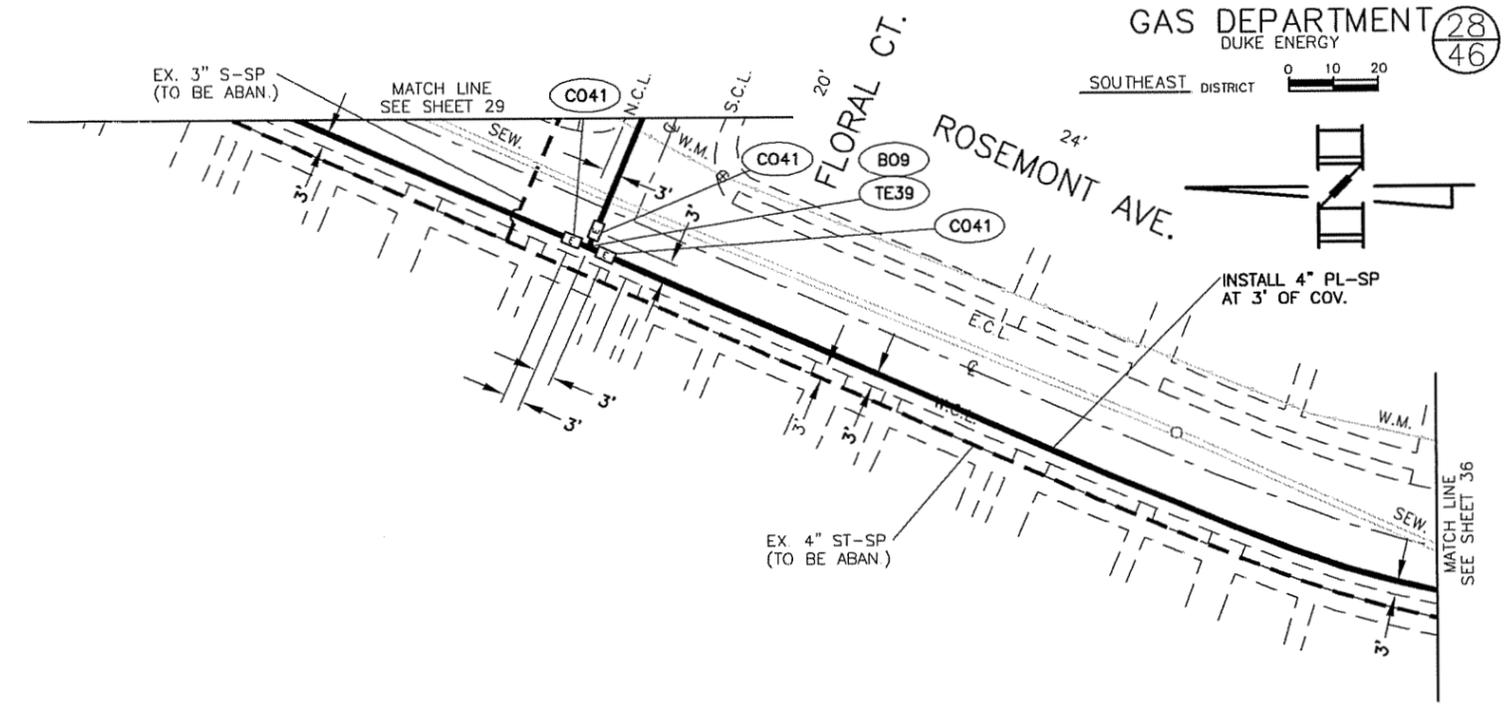
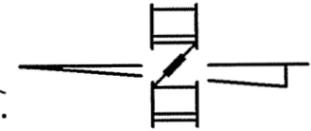
MATCH LINE
SEE SHEET 27

REVISIONS

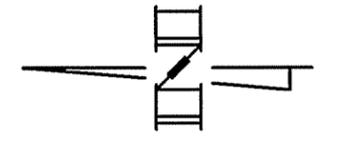
0 7 - 8 3 1 6 - 7



REVISIONS



REVISIONS



MATCH LINE
SEE SHEET 31

MATCH LINE
SEE SHEET 26

MATCH LINE
SEE SHEET 35

24'
STATHMORE AVE.

20'
HOLLY LN.

24'
STATHMORE AVE.

EX. 4" CIMJ-SP
(TO BE ABAN.)

INSTALL 6" PL-SP
AT 3' OF COV.

EX. 4" ST-SP
(TO BE ABAN.)

INSTALL 4" PL-SP
AT 3' OF COV.

EX. 4" ST-SP
(TO BE ABAN.)

INSTALL 6" PL-SP
AT 3' OF COV.

2-EL38

2-EL38

CO30

TE42

RE15

B09

CO30

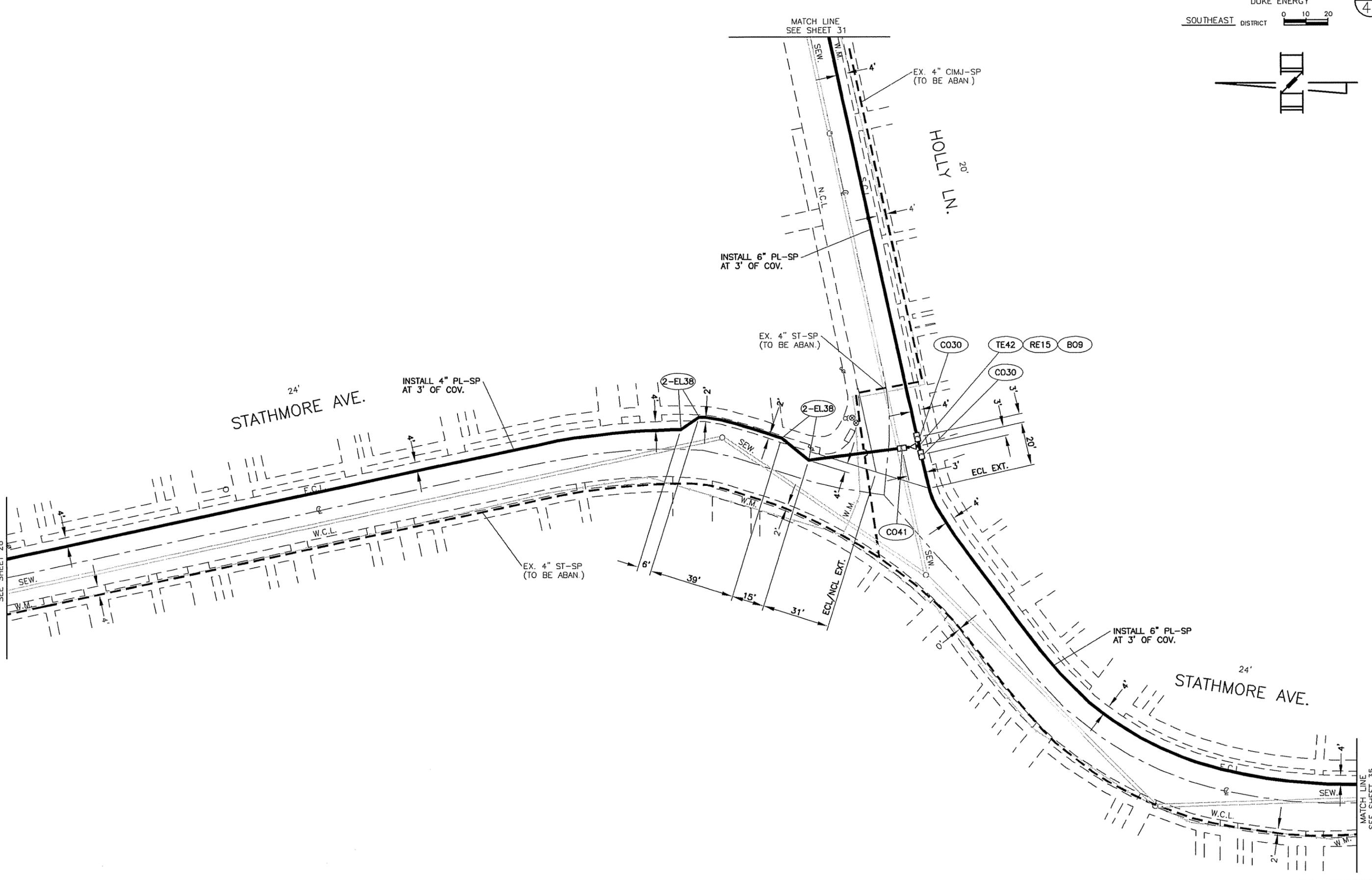
CO41

6'
39'
15'
31'

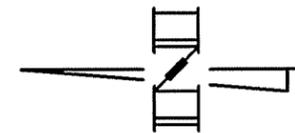
3'
3'
20'
3'

ECL/NCL EXT.

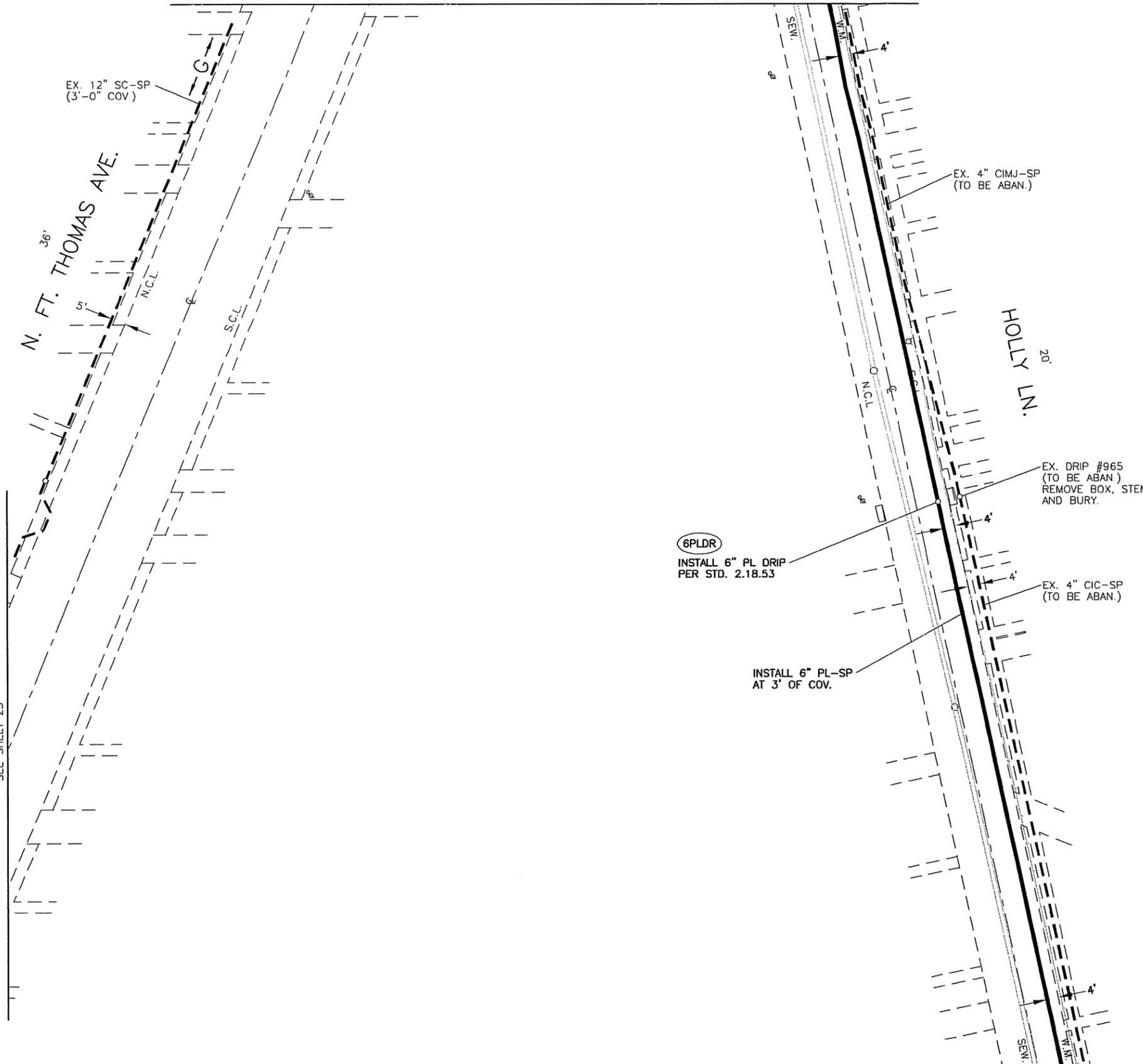
ECL EXT.



REVISIONS



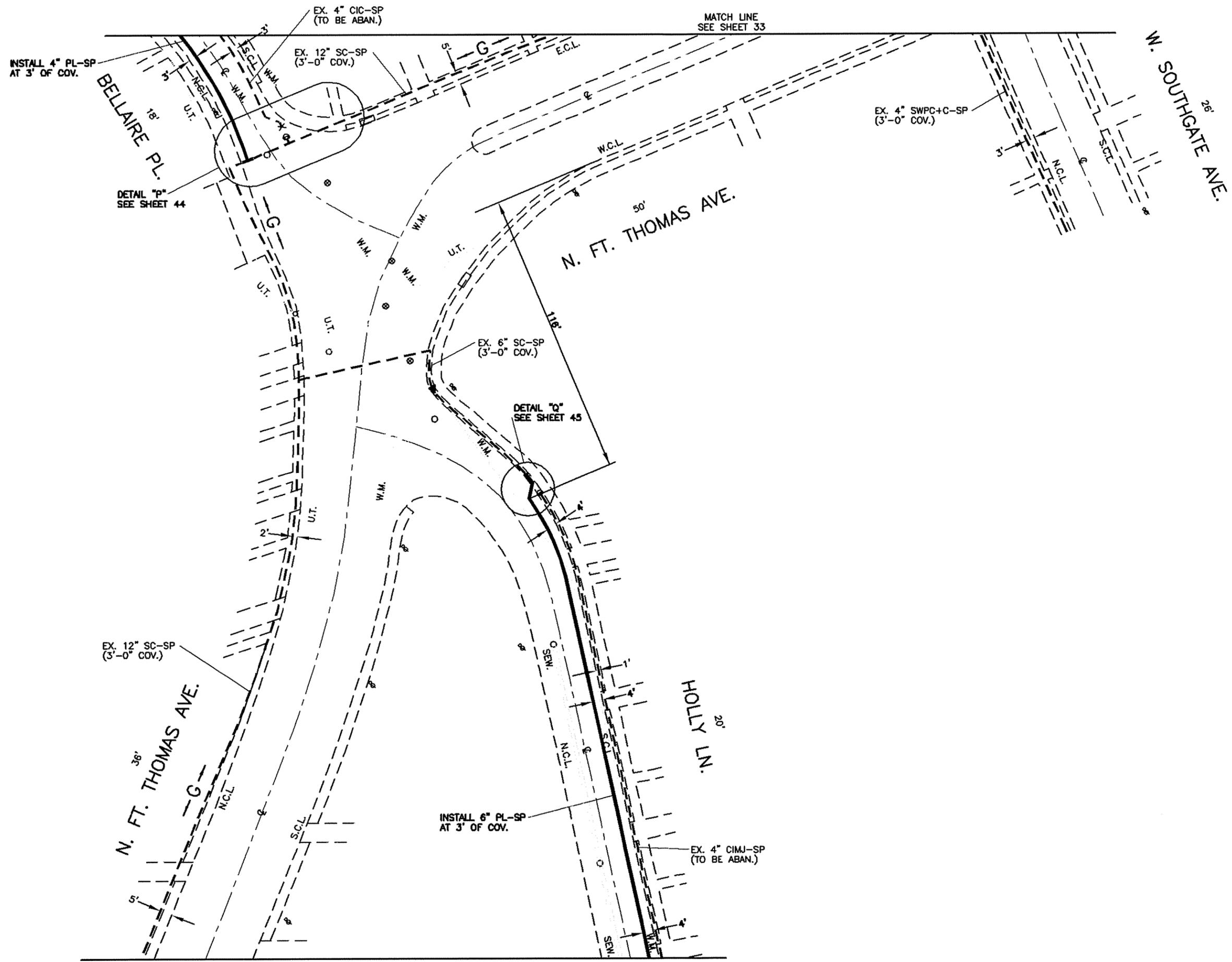
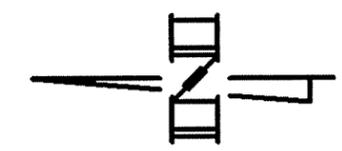
MATCH LINE
SEE SHEET 32



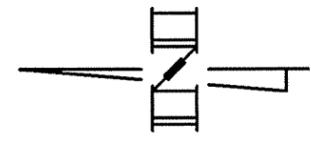
MATCH LINE
SEE SHEET 25

REVISIONS

MATCH LINE
SEE SHEET 30



REVISIONS



MATCH LINE
SEE SHEET 34

E. SOUTHGATE AVE.
18'

N. FT. THOMAS AVE.
50'

BELLAIRE PL.
18'

WEST
SOUTHGATE
AVE.
22.5'

EX. 4" CIC-SP
(TO BE ABAN.)

EX. 4" CIC-SP
(TO BE ABAN.)

EX. 12" CIC-SP
(3'-0" COV.)

EX. 12" CIC-SP
(3'-0" COV.)

DETAIL "R"
SEE SHEET 45

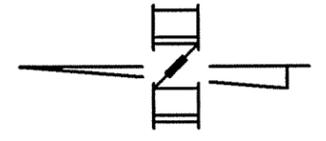
INSTALL 4" PL-SP
AT 3' OF COV.

EX. 4" SWPC+C-SP
(3'-0" COV.)

MATCH LINE
SEE SHEET 32

MATCH LINE
SEE SHEET 24

REVISIONS



RE11 CA32

EOM
691.5' EECL OF N. FT. THOMAS AVE.
5' WECL OF E. SOUTHGATE AVE.

4PLDR

INSTALL 4" PL DRIP
PER STD. 2.18.53

END OF EX. MAIN
EX DRIP #633
(TO BE ABAN.)
REMOVE BOX, STEM
AND BURY

EX. 8" CIC-SP
(TO BE ABAN.)

EX. 4" CIC-SP
(TO BE ABAN.)

INSTALL 4" PL-SP
AT 3' OF COV.

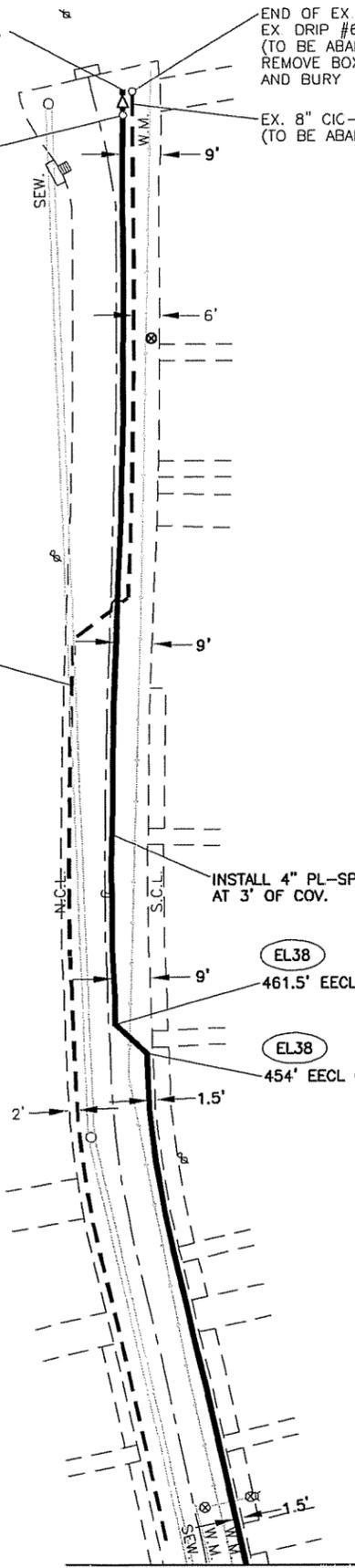
EL38

461.5' EECL OF N. FT. THOMAS AVE.

EL38

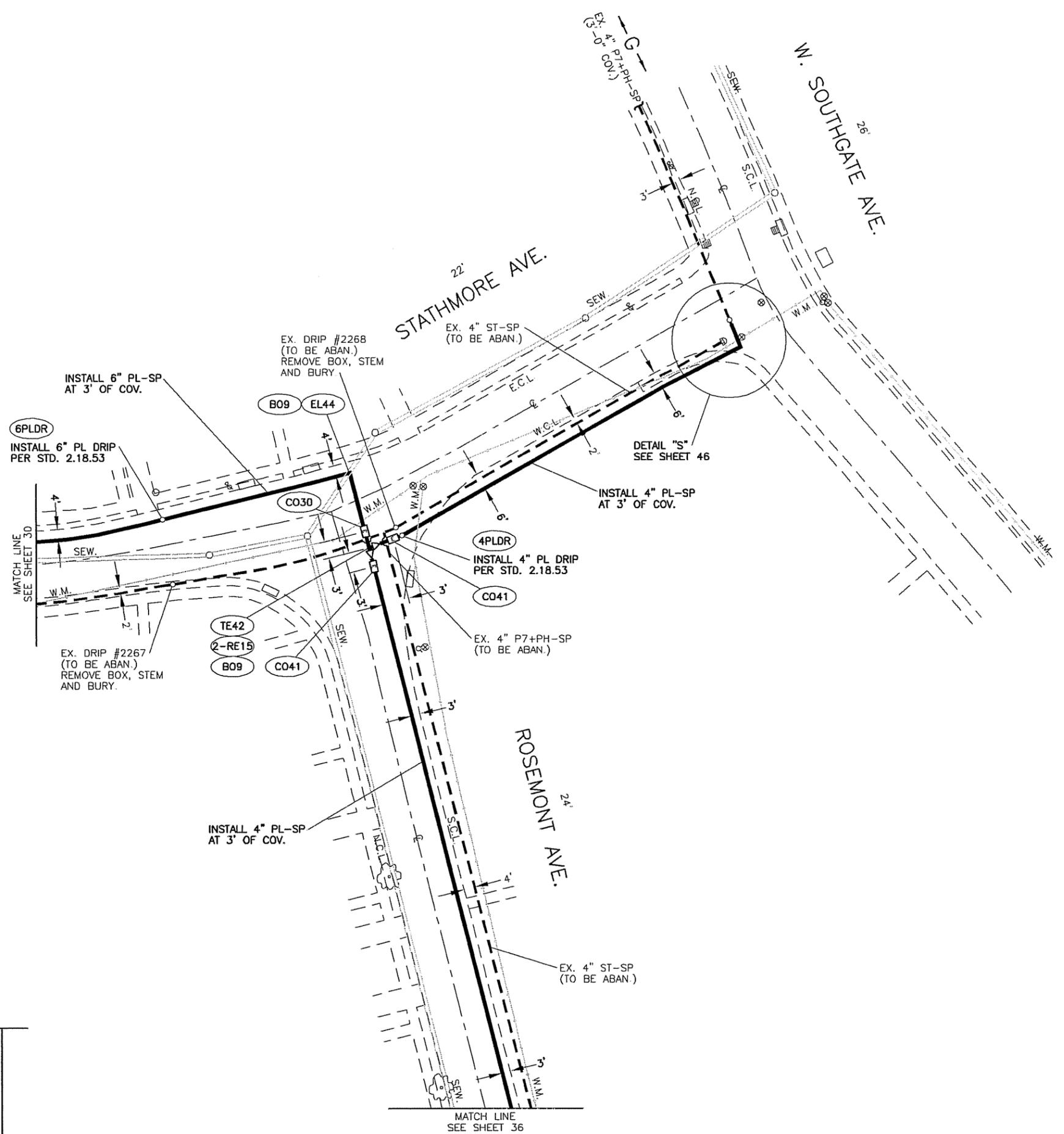
454' EECL OF N. FT. THOMAS AVE.

18'
E. SOUTHGATE AVE.

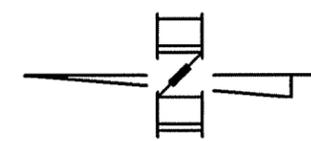


MATCH LINE
SEE SHEET 33

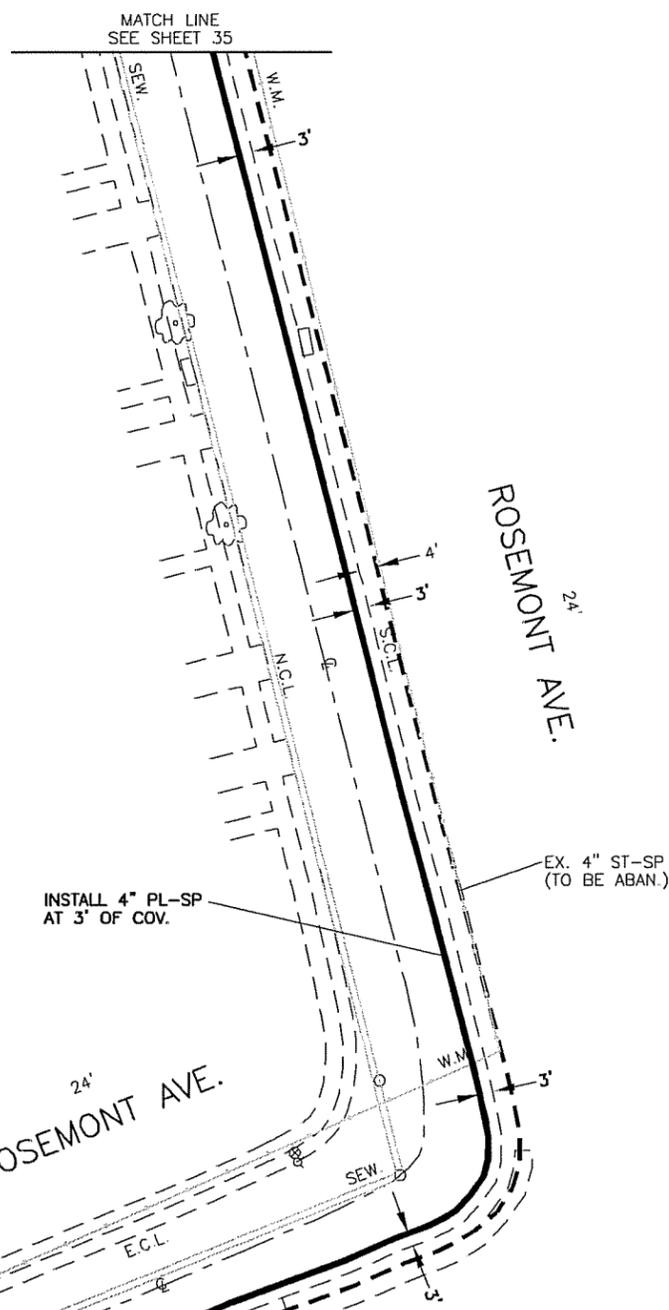
REVISIONS



REVISIONS



MATCH LINE
SEE SHEET 35



INSTALL 4" PL-SP
AT 3' OF COV.

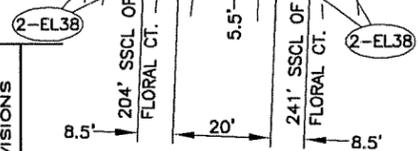
EX. 4" ST-SP
(TO BE ABAN.)

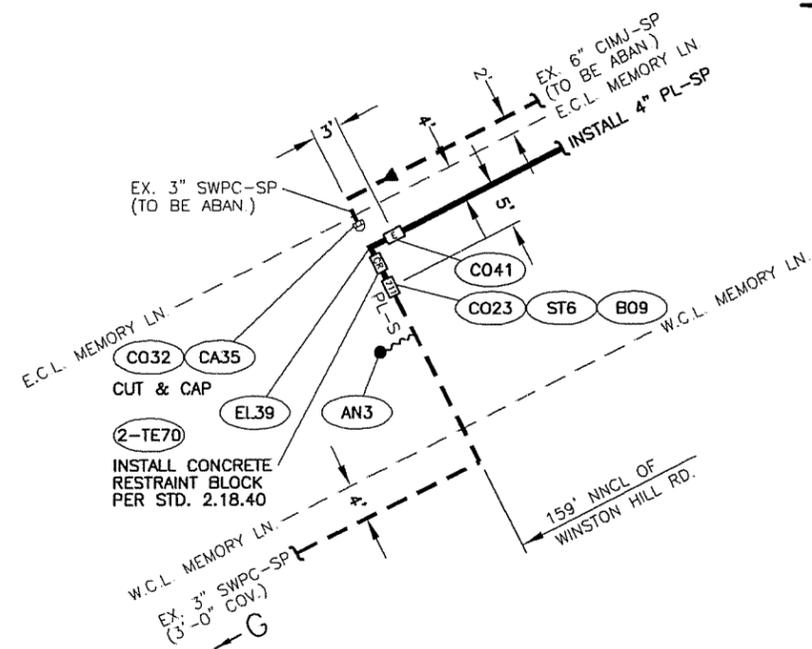
24'
ROSEMONT AVE.

24'
ROSEMONT AVE.

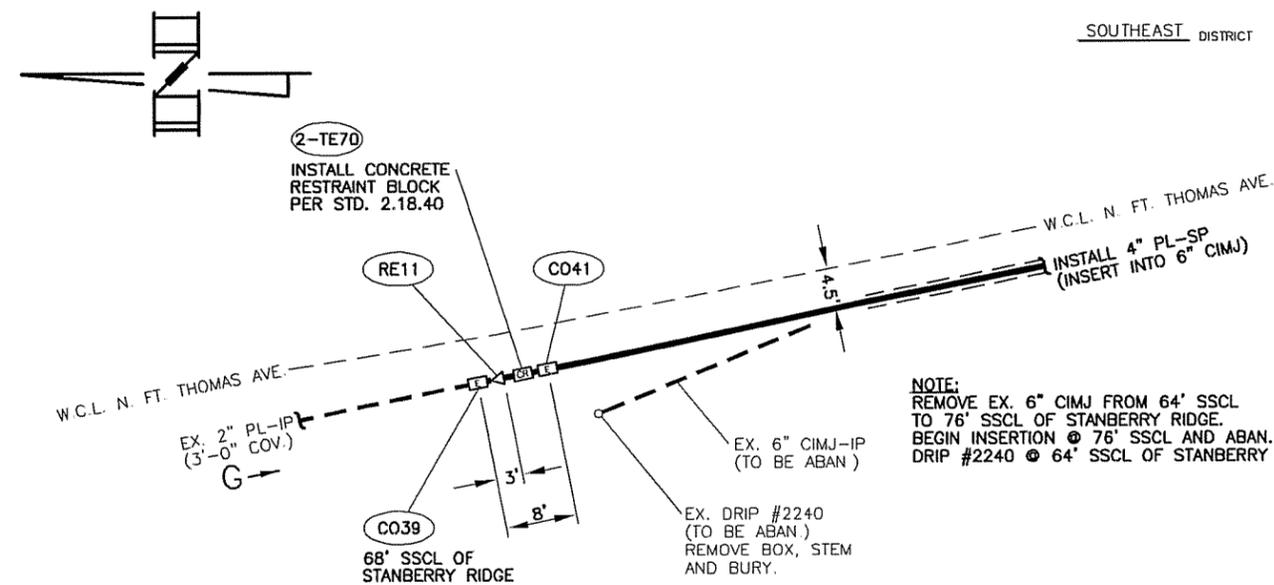
MATCH LINE
SEE SHEET 28

REVISIONS





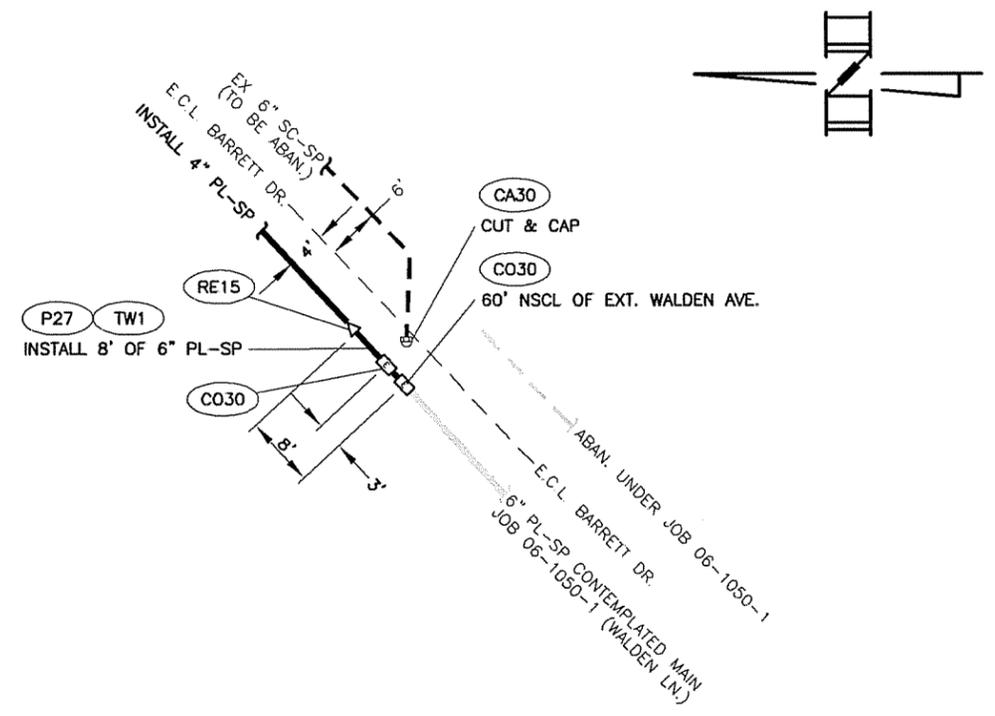
DETAIL "A"
(FROM SHEET 7)
N.T.S.



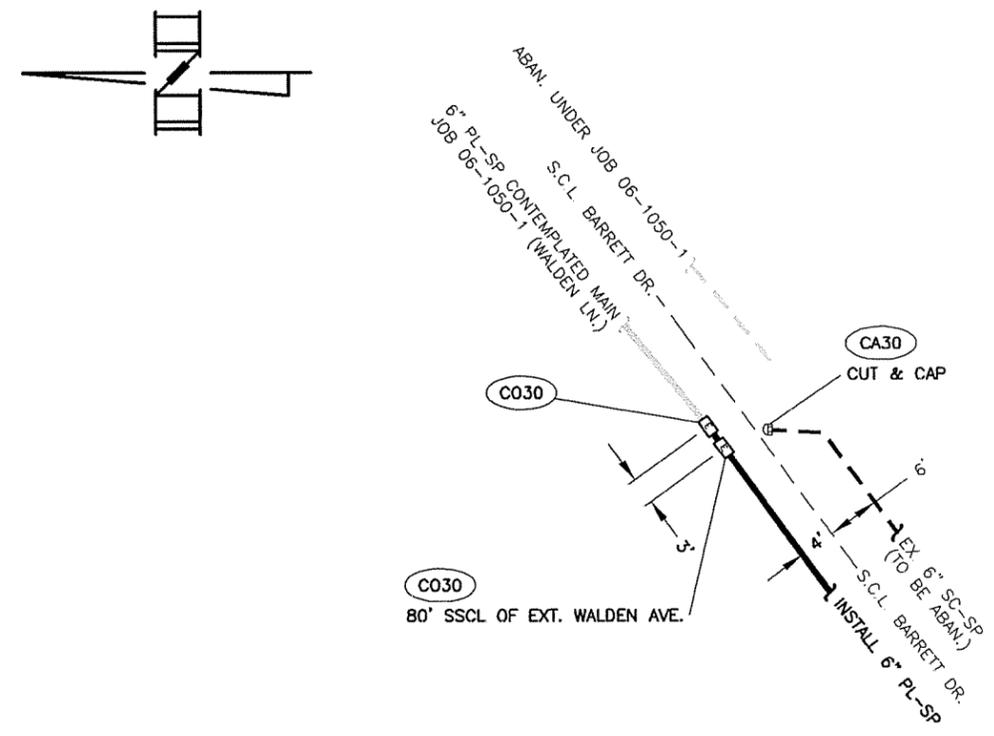
NOTE:
REMOVE EX. 6" CIMJ FROM 64' SSCL TO 76' SSCL OF STANBERRY RIDGE. BEGIN INSERTION @ 76' SSCL AND ABAN. DRIP #2240 @ 64' SSCL OF STANBERRY RIDGE.

DETAIL "B"
(FROM SHEET 8)
N.T.S.

REVISIONS

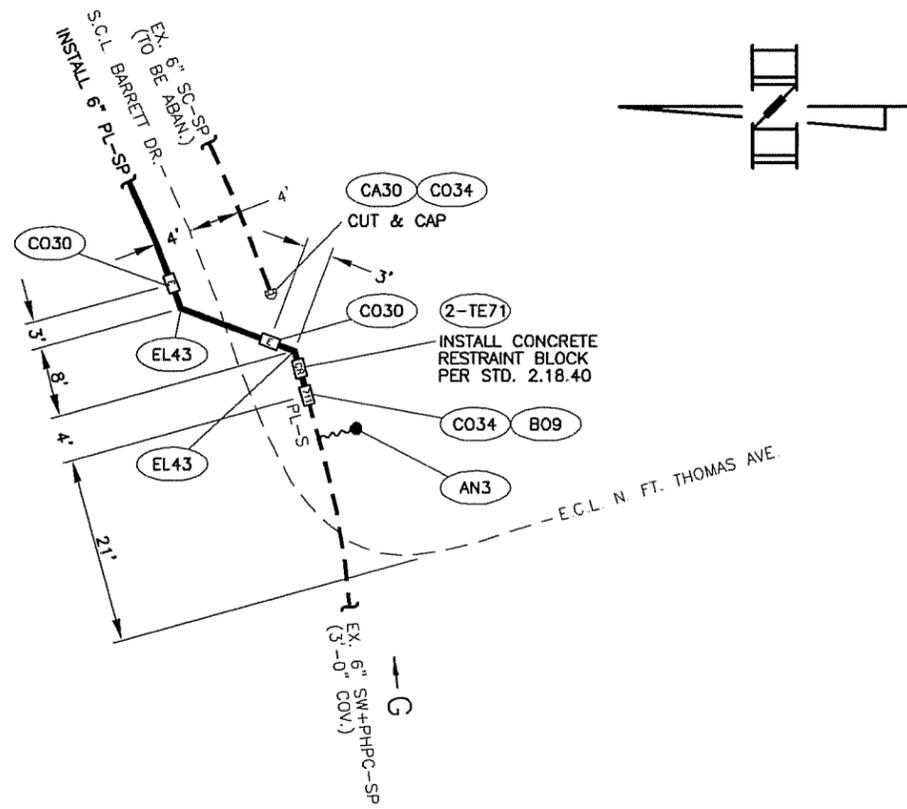


DETAIL "C"
 (FROM SHEET 10)
 N.T.S.

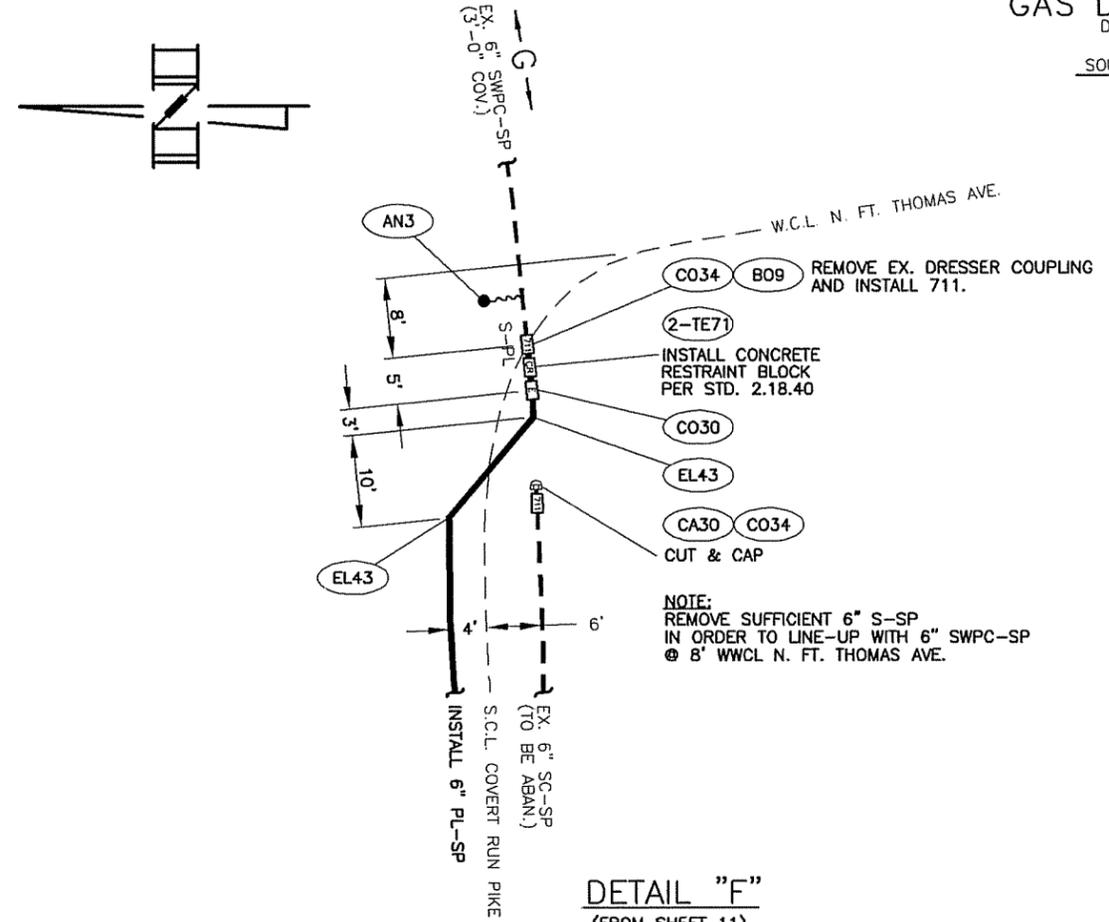


DETAIL "D"
 (FROM SHEET 11)
 N.T.S.

REVISIONS



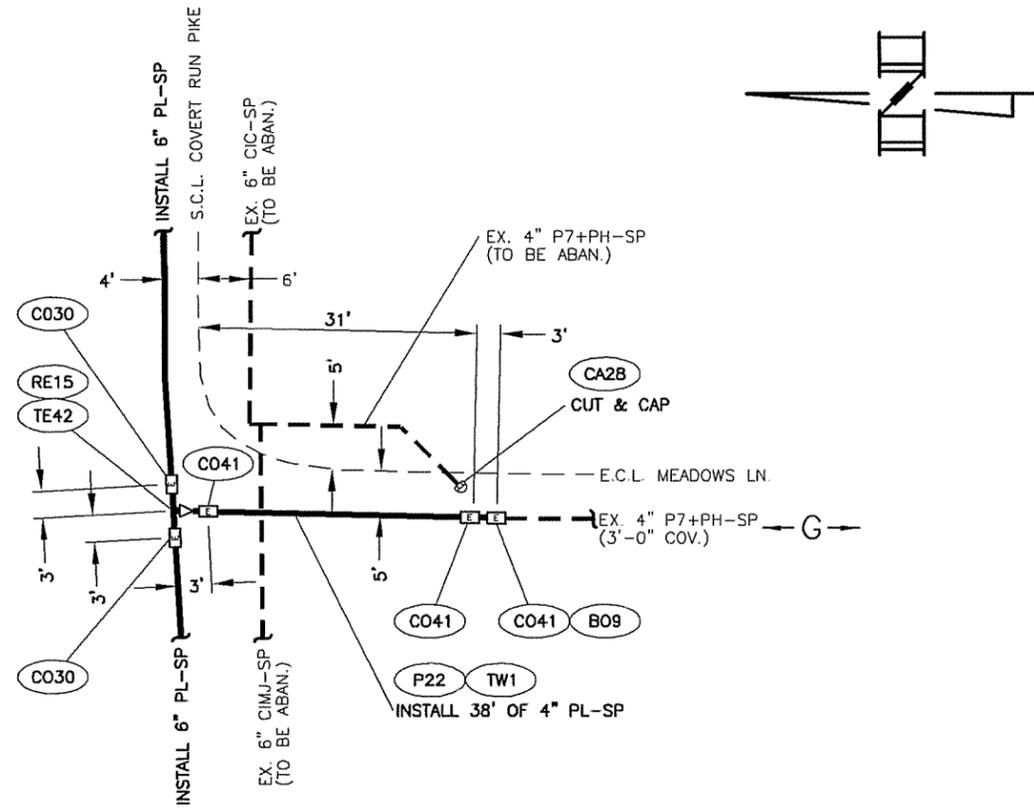
DETAIL "E"
(FROM SHEET 11)
N.T.S.



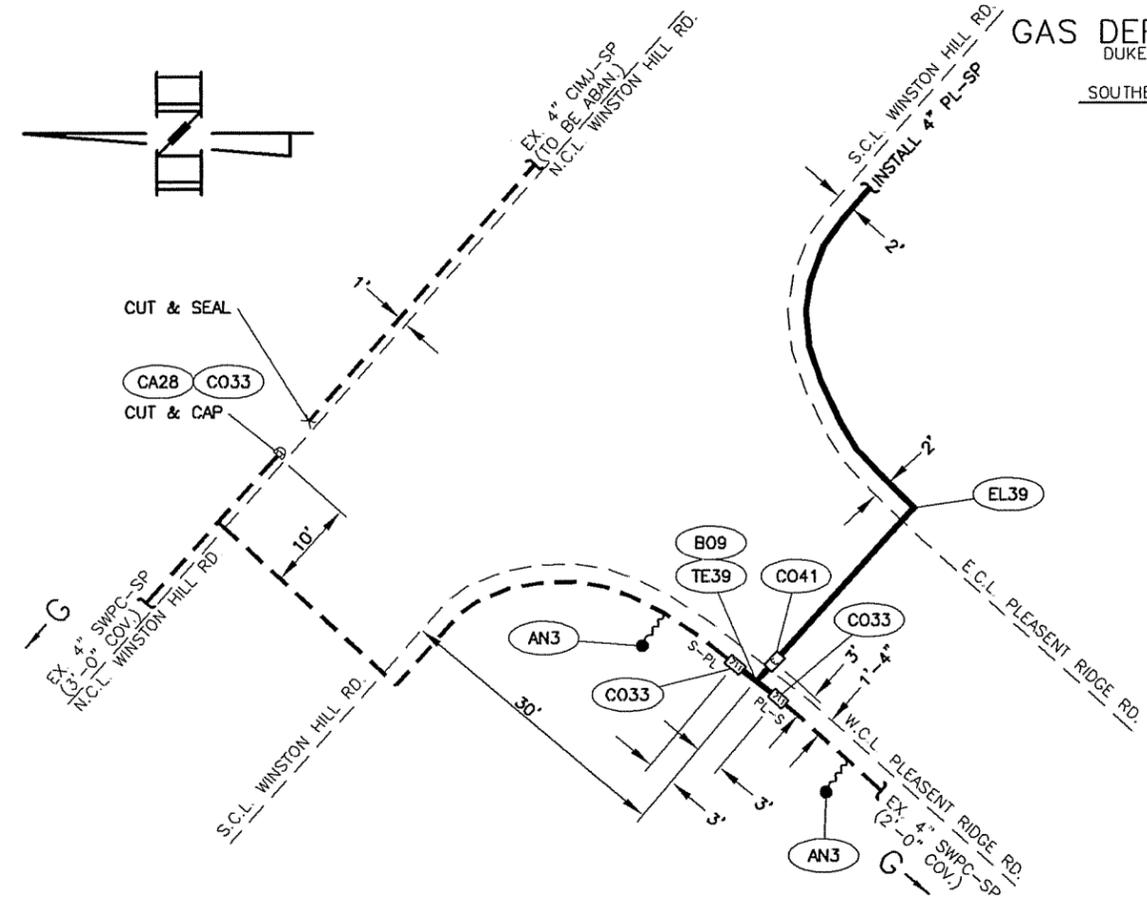
DETAIL "F"
(FROM SHEET 11)
N.T.S.

NOTE:
REMOVE SUFFICIENT 6" S-SP
IN ORDER TO LINE-UP WITH 6" SWPC-SP
@ 8' WWCL N. FT. THOMAS AVE.

REVISIONS

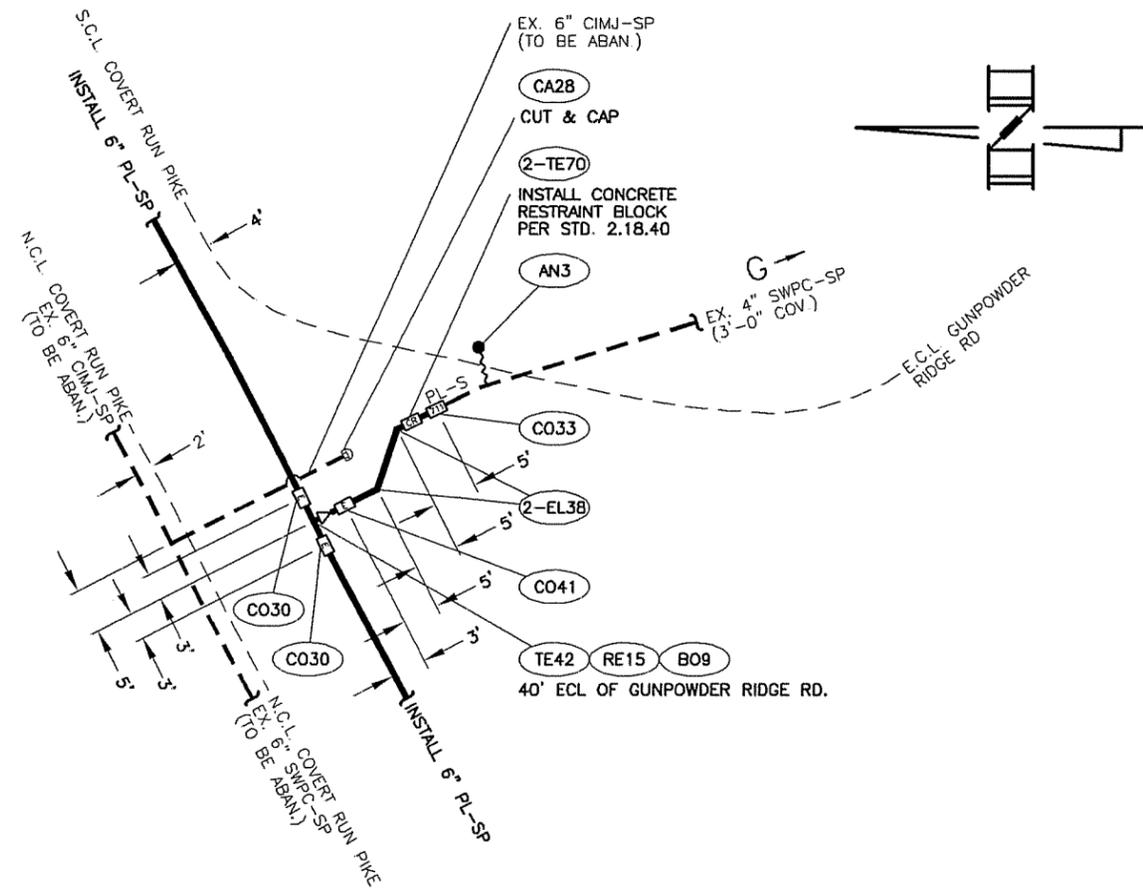


DETAIL "G"
(FROM SHEET 12)
N.T.S.

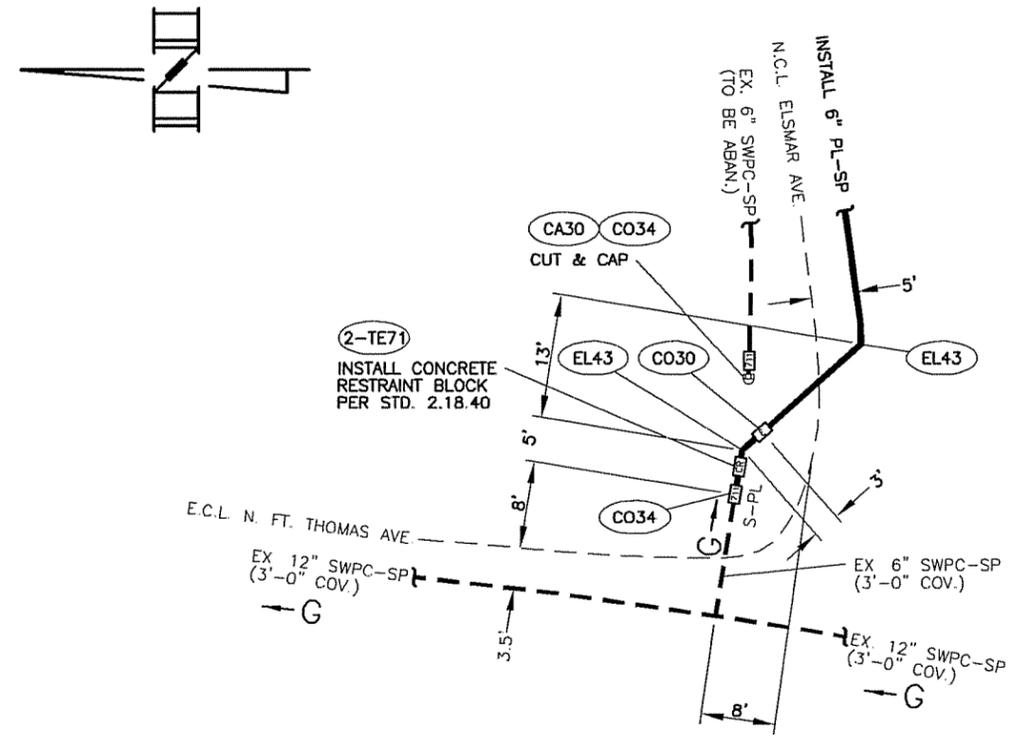


DETAIL "H"
(FROM SHEET 14)
N.T.S.

REVISIONS

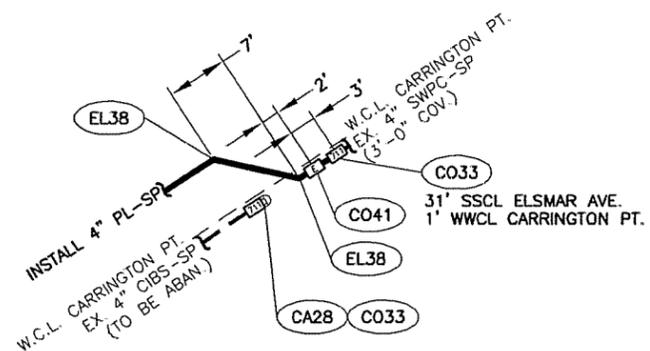
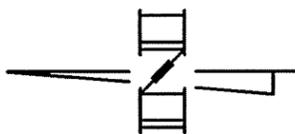


DETAIL "I"
(FROM SHEET 15)
N.T.S.

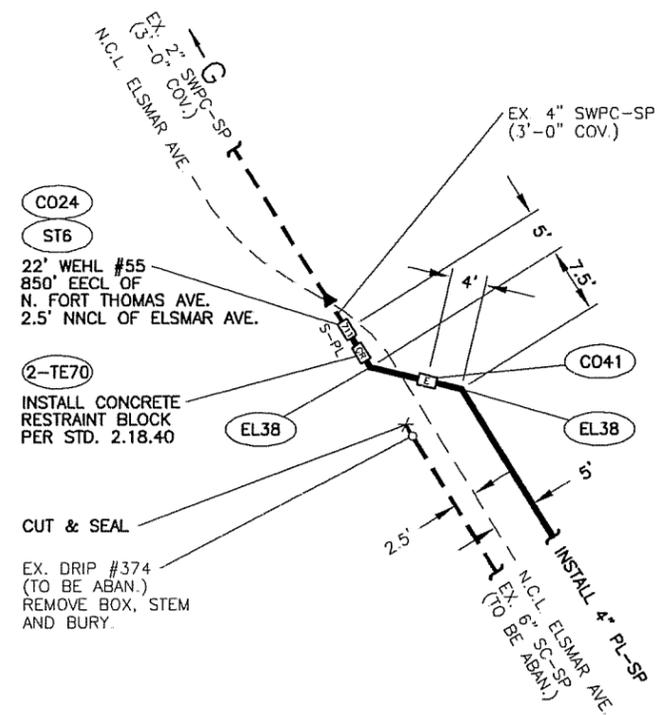
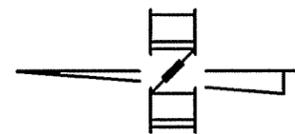


DETAIL "J"
(FROM SHEET 16)
N.T.S.

REVISIONS

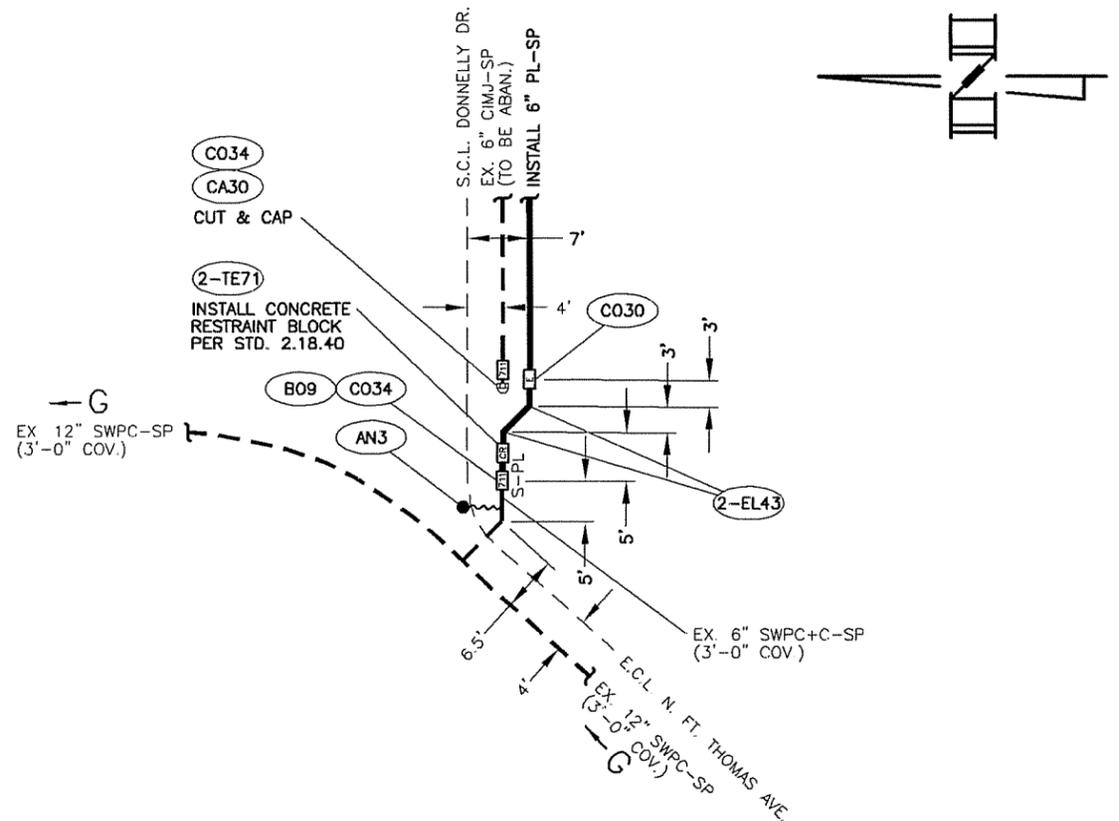


DETAIL "K"
(FROM SHEET 18)
N.T.S.

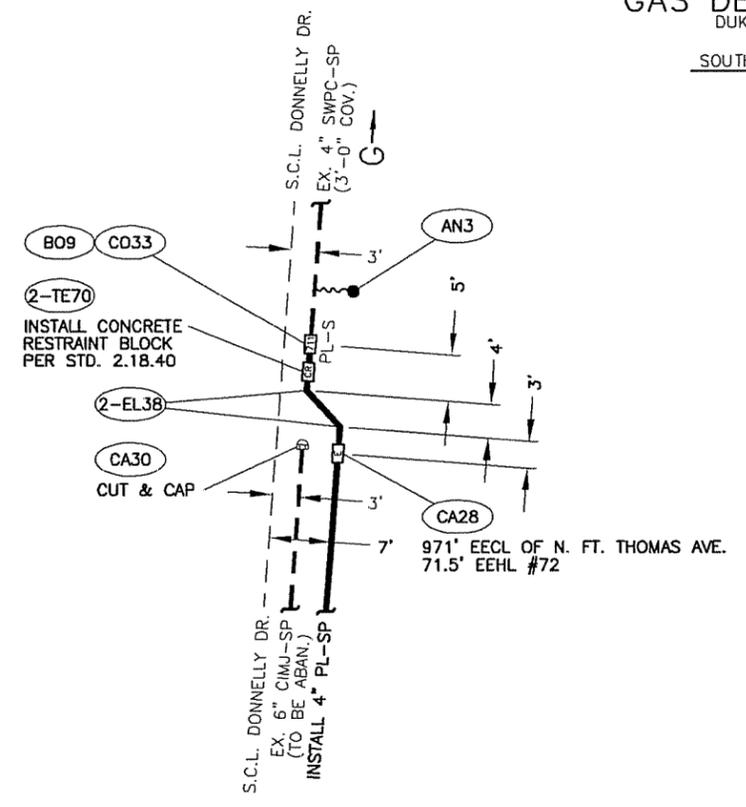
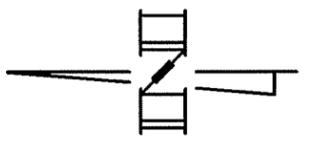


DETAIL "L"
(FROM SHEET 18)
N.T.S.

REVISIONS



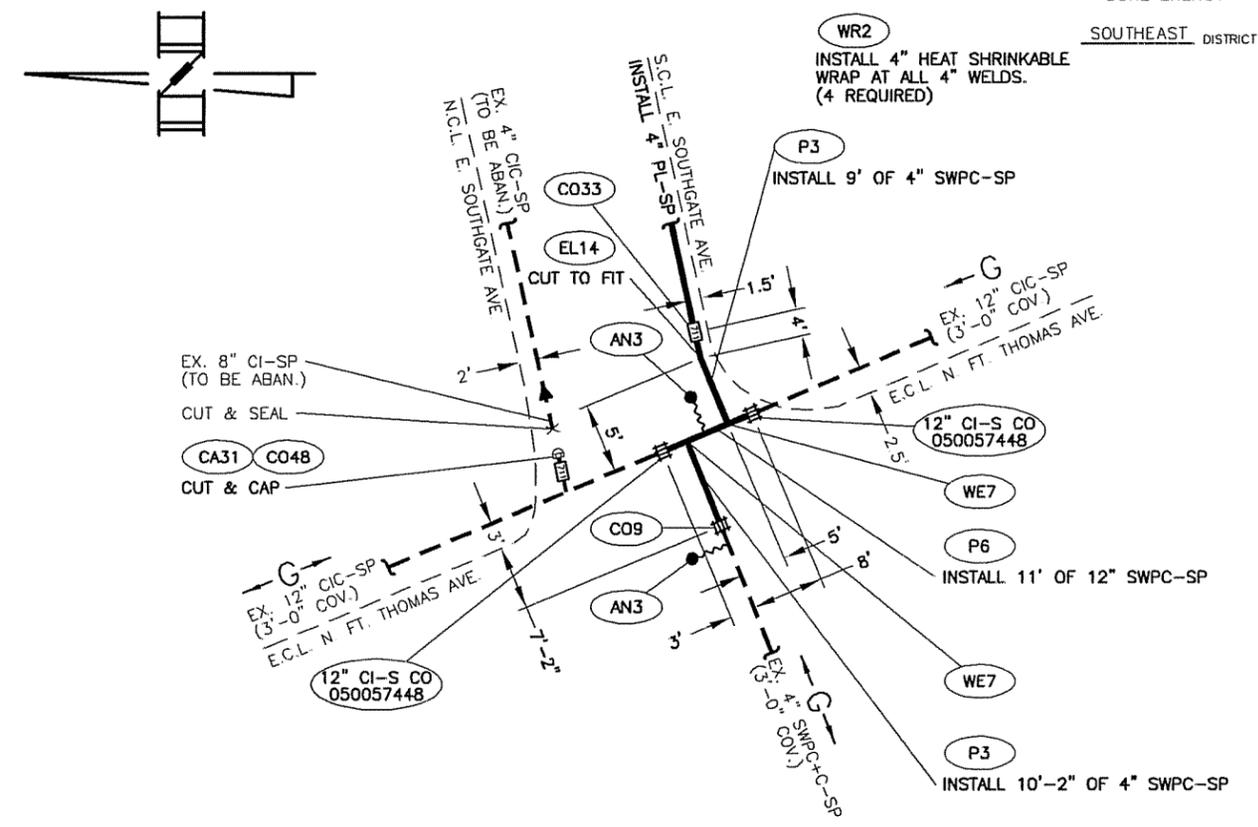
DETAIL "M"
(FROM SHEET 20)
N.T.S.



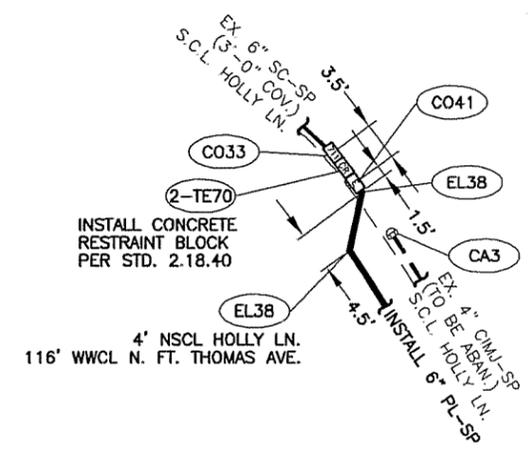
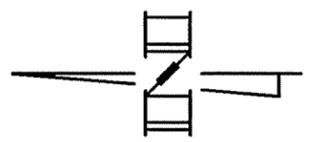
DETAIL "N"
(FROM SHEET 23)
N.T.S.

REVISIONS

WR2
INSTALL 4" HEAT SHRINKABLE
WRAP AT ALL 4" WELDS.
(4 REQUIRED)

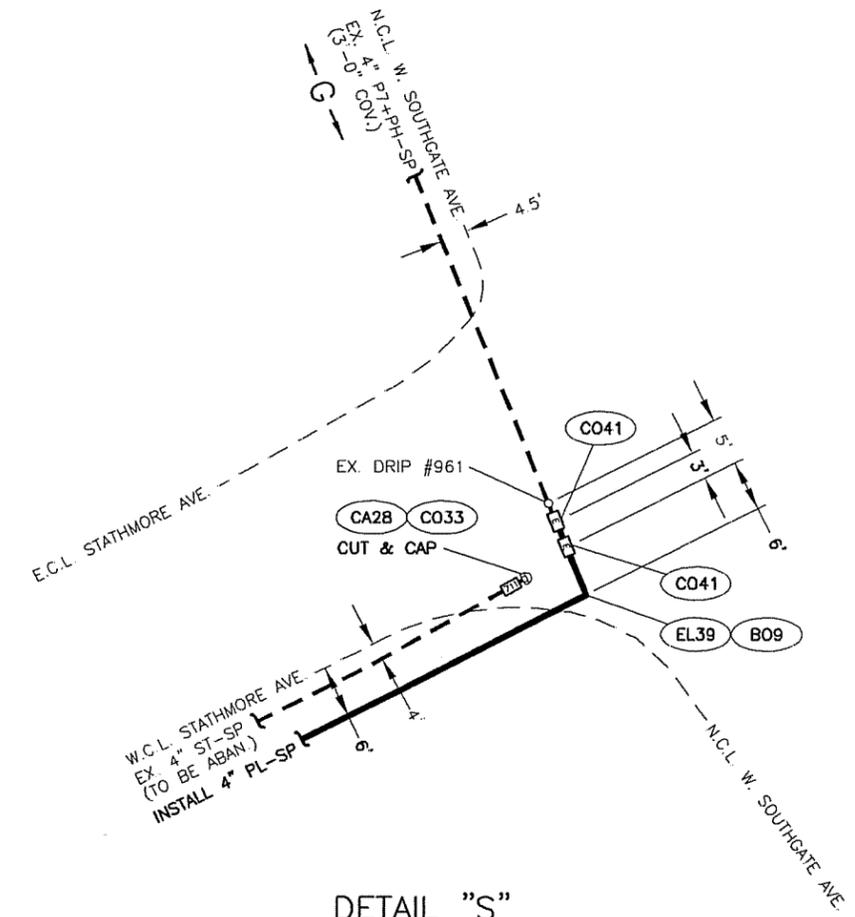
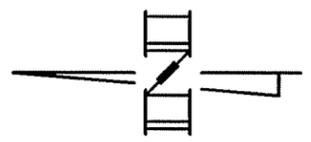


DETAIL "R"
(FROM SHEET 33)
N.T.S.



DETAIL "Q"
(FROM SHEET 32)
N.T.S.

REVISIONS



DETAIL "S"
 (FROM SHEET 35)
 N.T.S.

REVISIONS