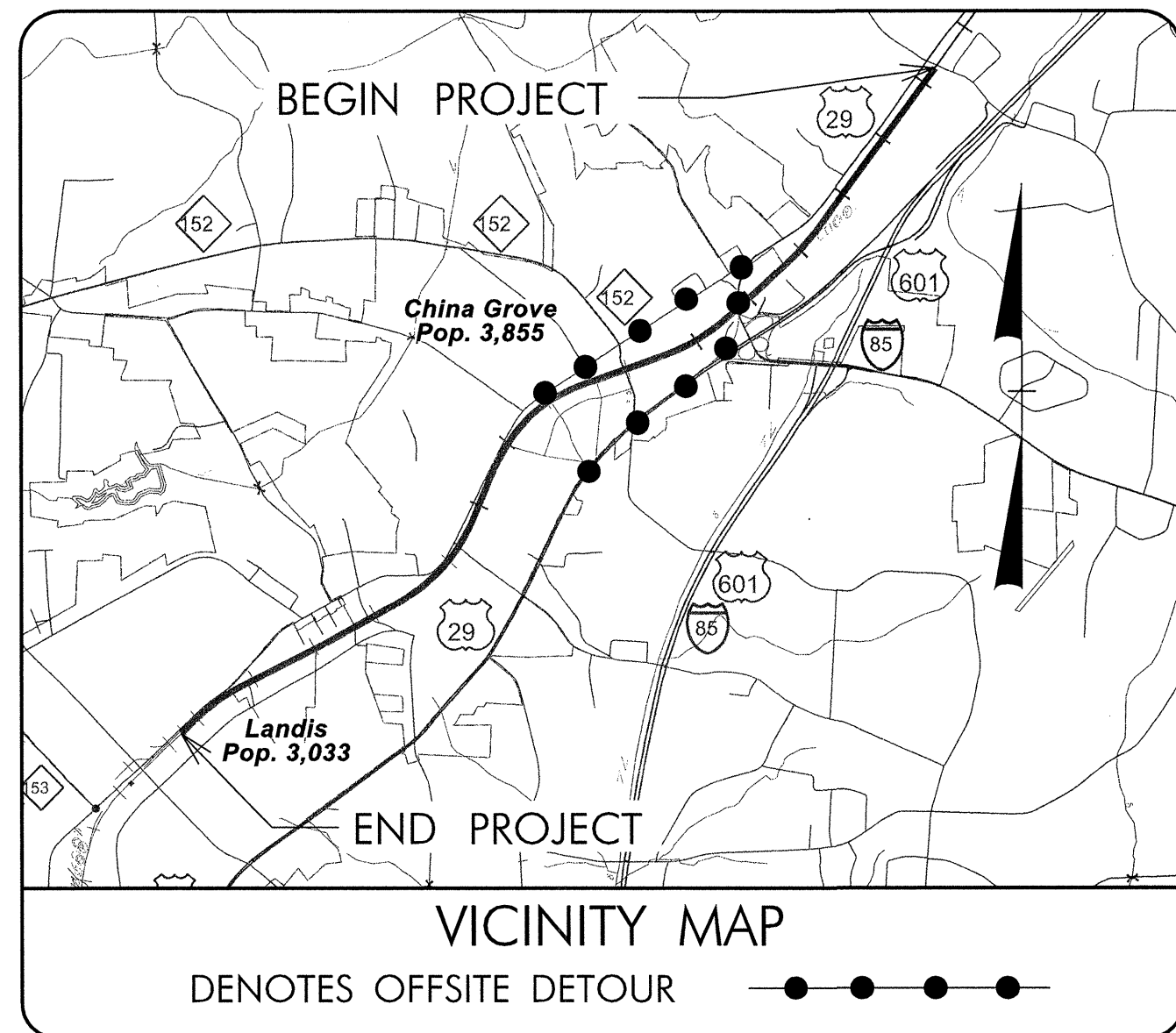




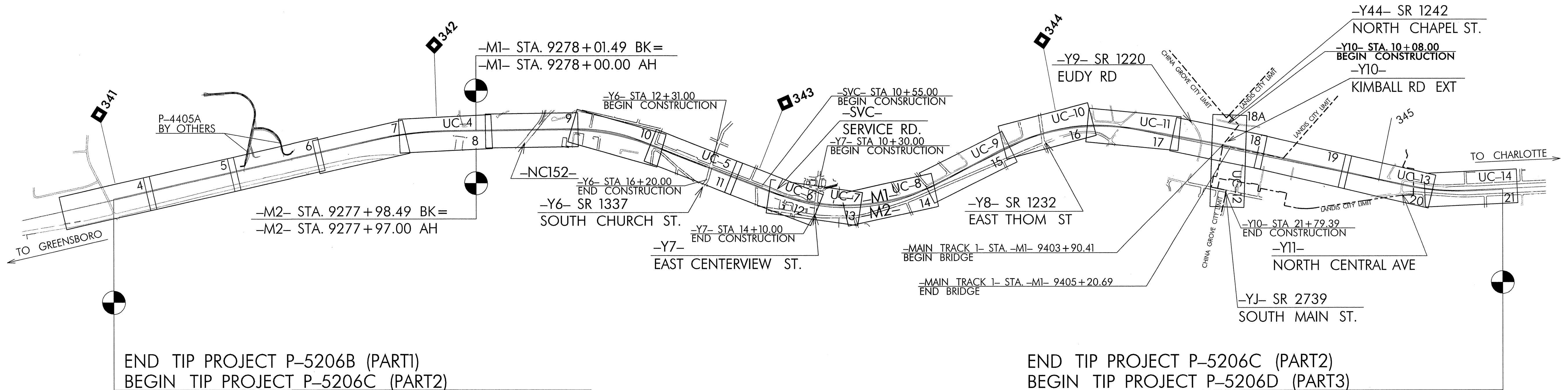
T.I.P. NO.	SHEET NO.
P-5206C	UC-1



UTILITY CONSTRUCTION PLANS ROWAN COUNTY

LOCATION: NCRN MAINLINE RAILROAD ROADBED FROM SOUTH OF MT. HOPE CHURCH RD (SR 1505, MP 340.9) TO NORTH OF RYDER AVE (SR 1210, MP 345.4)

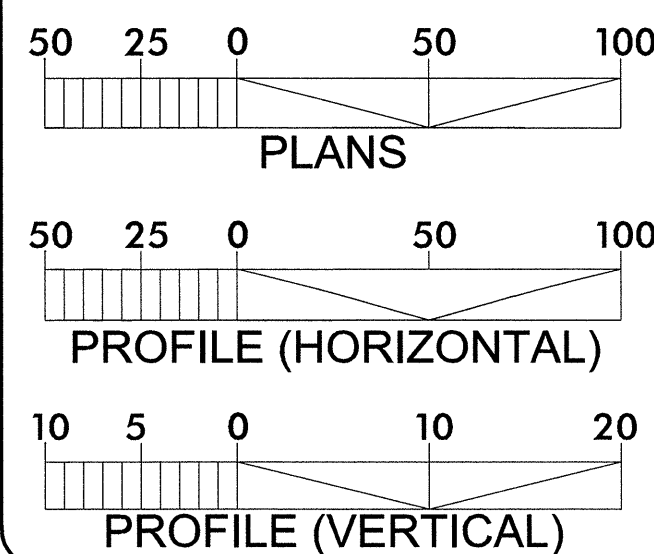
TYPE OF WORK: UTILITY RELOCATION



END TIP PROJECT P-5206B (PART1)
BEGIN TIP PROJECT P-5206C (PART2)
MAIN TRACK 1 STA. -M1- 9218+00.00 BK =
STA. -M1- 9218+02.82 AH
MAIN TRACK 2 STA. -M2- 9218+01.63 BK =
STA. -M2- 9218+02.82 AH

END TIP PROJECT P-5206C (PART2)
BEGIN TIP PROJECT P-5206D (PART3)
MAIN TRACK 1 STA. -M1- 9450+00.00 BK =
STA. -M1- 9450+39.03 AH
MAIN TRACK 2 STA. -M2- 9449+97.71 BK =
STA. -M2- 9450+39.03 AH

GRAPHIC SCALES



INDEX OF SHEETS

SHEET NO.	DESCRIPTION
UC-1	TITLE SHEET
UC-1A	UTILITY SYMBOLOGY
UC-2	NOTES
UC-3	DETAILS
UC-4 THRU UC-14	UTILITY CONSTRUCTION SHEETS
UC-15 THRU UC-17	PROFILE SHEETS

WATER AND SEWER OWNERS ON PROJECT

- WATER**
- TOWN OF LANDIS
 - TOWN OF CHINA GROVE
 - SALISBURY-ROWAN UTILITIES
- SANITARY SEWER**
- TOWN OF LANDIS
 - TOWN OF CHINA GROVE
 - SALISBURY-ROWAN UTILITIES

PREPARED IN THE OFFICE OF:
DAVIS • MARTIN • POWELL
ENGINEERS & SURVEYORS

Randy McNeill, P.E. UTILITIES PROJECT MANAGER
Andy Larrick, P.E. UTILITIES PROJECT ENGINEER
Josh Beck, P.E. UTILITIES PROJECT DESIGNER

SEAL



NCDOT RAIL DIVISION CONTACT:
MATTHEW B. SIMMONS, PE



STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

UTILITIES PLAN SHEET SYMBOLS

PROPOSED WATER SYMBOLS

Water Line (Sized as Shown)	
11 1/4 Degree Bend	
22 1/2 Degree Bend	
45 Degree Bend	
90 Degree Bend	
Plug	
Tee	
Cross	
Reducer	
Gate Valve	
Butterfly Valve	
Tapping Valve	
Line Stop	
Line Stop with Bypass	
Blow Off	
Fire Hydrant	
Relocate Fire Hydrant	
Remove Fire Hydrant	
Water Meter	
Relocate Water Meter	
Remove Water Meter	
Water Pump Station	
RPZ Backflow Preventer	
DCV Backflow Preventer	
Relocate RPZ Backflow Preventer	
Relocate DCV Backflow Preventer	

PROPOSED SEWER SYMBOLS

Gravity Sewer Line (Sized as Shown)	
Force Main Sewer Line (Sized as Shown)	
Manhole (Sized per Note)	
Sewer Pump Station	

PROPOSED MISCELLANEOUS UTILITIES SYMBOLS

Power Pole	
Telephone Pole	
Joint Use Pole	
Telephone Pedestal	
Utility Line by Others (Type as Shown)	
Trenchless Installation	
Encasement by Open Cut	
Encasement	

Thrust Block	
Air Release Valve	
Utility Vault	
Concrete Pier	
Steel Pier	
Plan Note	
Pay Item Note	

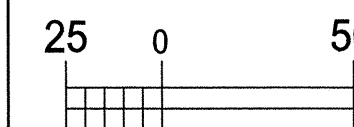
EXISTING UTILITIES SYMBOLS

Power Pole		*Underground Power Line	
Telephone Pole		*Underground Telephone Cable	
Joint Use Pole		*Underground Telephone Conduit	
Utility Pole		*Underground Fiber Optics Telephone Cable	
Utility Pole with Base		*Underground TV Cable	
H-Frame Pole		*Underground Fiber Optics TV Cable	
Power Transmission Line Tower		*Underground Gas Pipeline	
Water Manhole		Aboveground Gas Pipeline	
Power Manhole		*Underground Water Line	
Telephone Manhole		Aboveground Water Line	
Sanitary Sewer Manhole		*Underground Gravity Sanitary Sewer Line	
Hand Hole for Cable		Aboveground Gravity Sanitary Sewer Line	
Power Transformer		*Underground SS Forced Main Line	
Telephone Pedestal		Underground Unknown Utility Line	
CATV Pedestal		SUE Test Hole	
Gas Valve		Water Meter	
Gas Meter		Water Valve	
Located Miscellaneous Utility Object		Fire Hydrant	
Abandoned According to Utility Records		Sanitary Sewer Cleanout	
End of Information			

*For Existing Utilities
Utility Line Drawn from Record (Type as Shown)
Designated Utility Line (Type as Shown)

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David Martin-Powell and Associates
REV: 2/1/2012



UTILITY CONSTRUCTION

PROJECT REFERENCE NO. P-5206C	SHEET NO. UC-2
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISD:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	

UTILITY CONSTRUCTION

GENERAL NOTES:

1. THE PROPOSED UTILITY CONSTRUCTION SHALL MEET THE APPLICABLE REQUIREMENTS OF THE NC DEPARTMENT OF TRANSPORTATION'S "STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES" DATED JANUARY 2012.
2. THE EXISTING WATER AND SEWER UTILITIES BELONG TO SALISBURY-ROWAN UTILITIES, THE TOWN OF CHINA GROVE, AND THE TOWN OF LANDIS.
3. ALL WATER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENTAL AND NATURAL RESOURCES, DIVISION OF ENVIRONMENTAL HEALTH. ALL SEWER LINES TO BE INSTALLED WITHIN COMPLIANCE OF THE RULES AND REGULATIONS OF THE NORTH CAROLINA DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES, DIVISION OF WATER QUALITY. PERFORM ALL WORK IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODES.
4. THE UTILITY OWNER OWNS THE EXISTING UTILITY FACILITIES AND WILL OWN THE NEW UTILITY FACILITIES AFTER ACCEPTANCE BY THE DEPARTMENT. THE DEPARTMENT OWNS THE CONSTRUCTION CONTRACT AND HAS ADMINISTRATIVE AUTHORITY. COMMUNICATIONS AND DECISIONS BETWEEN THE CONTRACTOR AND UTILITY OWNER ARE NOT BINDING UPON THE DEPARTMENT OR THIS CONTRACT UNLESS AUTHORIZED BY THE ENGINEER. AGREEMENTS BETWEEN THE UTILITY OWNER AND CONTRACTOR FOR THE WORK THAT IS NOT PART OF THIS CONTRACT OR IS SECONDARY TO THIS CONTRACT ARE ALLOWED, BUT ARE NOT BINDING UPON THE DEPARTMENT.
5. PROVIDE ACCESS FOR THE DEPARTMENT PERSONNEL AND THE OWNER'S REPRESENTATIVES TO ALL PHASES OF CONSTRUCTION. NOTIFY DEPARTMENT PERSONNEL AND THE UTILITY OWNER TWO WEEKS PRIOR TO COMMENCEMENT OF ANY WORK AND ONE WEEK PRIOR TO SERVICE INTERRUPTION. KEEP UTILITY OWNERS' REPRESENTATIVES INFORMED OF WORK PROGRESS AND PROVIDE OPPORTUNITY FOR INSPECTION OF CONSTRUCTION AND TESTING.

6. THE PLANS DEPICT THE BEST AVAILABLE INFORMATION FOR THE LOCATION, SIZE, AND TYPE OF MATERIAL FOR ALL EXISTING UTILITIES. MAKE INVESTIGATIONS FOR DETERMINING THE EXACT LOCATION, SIZE, AND TYPE MATERIAL OF THE EXISTING FACILITIES AS NECESSARY FOR THE CONSTRUCTION OF THE PROPOSED UTILITIES AND FOR AVOIDING DAMAGE TO EXISTING FACILITIES. REPAIR ANY DAMAGE INCURRED TO EXISTING FACILITIES TO THE ORIGINAL OR BETTER CONDITION AT NO ADDITIONAL COST TO THE DEPARTMENT.
7. MAKE FINAL CONNECTIONS OF THE NEW WORK TO THE EXISTING SYSTEM WHERE INDICATED ON THE PLANS, AS REQUIRED TO FIT THE ACTUAL CONDITIONS, OR AS DIRECTED.
8. MAKE CONNECTIONS BETWEEN EXISTING AND PROPOSED UTILITIES AT TIMES MOST CONVENIENT TO THE PUBLIC, WITHOUT ENDANGERING THE UTILITY SERVICE, AND IN ACCORDANCE WITH THE UTILITY OWNER'S REQUIREMENTS. MAKE CONNECTIONS ON WEEKENDS, AT NIGHT, AND ON HOLIDAYS IF NECESSARY.
9. ALL UTILITY MATERIALS SHALL BE APPROVED PRIOR TO DELIVERY TO THE PROJECT. SEE 1500-7, " SUBMITTALS AND RECORDS" IN SECTION 1500 OF THE STANDARD SPECIFICATIONS.

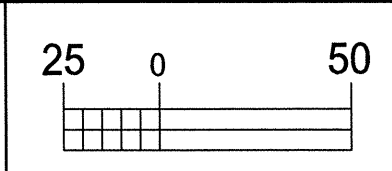
PROJECT SPECIFIC NOTES:

1. PIPE AND FITTINGS FOR PROPOSED WATER LINES 4" AND LARGER SHALL BE DUCTILE IRON, PC 350.
2. WATER LINE VALVES SHALL BE RESILIENT-SEAT GATE VALVES CONFORMING TO ANSI/AWWA C509, RATED FOR 200 PSI MINIMUM WORKING PRESSURE.
3. CONTRACTOR'S ATTENTION IS DIRECTED TO SECTIONS 102, 107, AND 1550 OF THE STANDARD SPECIFICATIONS CONCERNING TRENCHLESS INSTALLATION. IT IS CONTRACTOR'S RESPONSIBILITY TO HAVE BORE DESIGNED AND SEALED BY A LICENSED NORTH CAROLINA PROFESSIONAL ENGINEER. NO DAMAGE IS ALLOWED TO RIVER, WETLANDS, OR BUFFER ZONES.
3. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SEWER LATERALS AND/OR CLEANOUTS AS DIRECTED BY THE ENGINEER. THE NECESSARY QUANTITIES HAVE BEEN ADDED TO THE CONTRACT TO FACILITATE THIS PROCEDURE.

LIST OF STANDARD DRAWINGS

- 1515.01 WATER METER
- 1515.02 FIRE HYDRANT
- 1520.01 SEWER CLEAN OUT
- 1525.06 PRECAST CONCRETE SANITARY SEWER MANHOLE WITH CAST-IN-PLACE BOTTOM

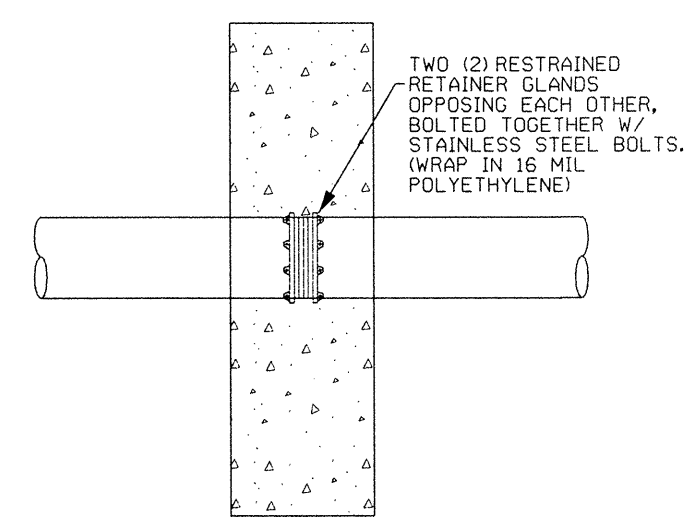
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 Davis Martin Powell and Associates



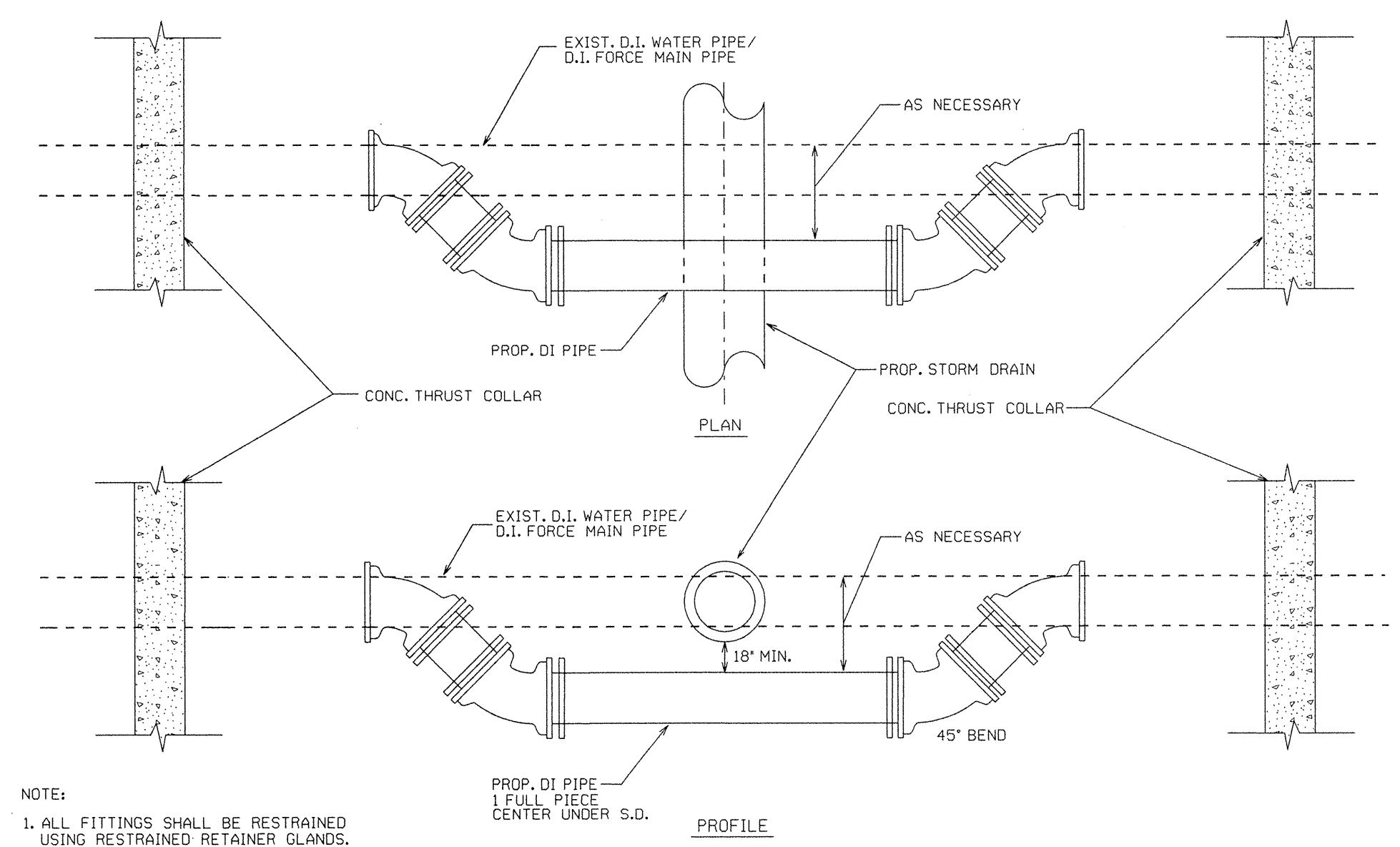
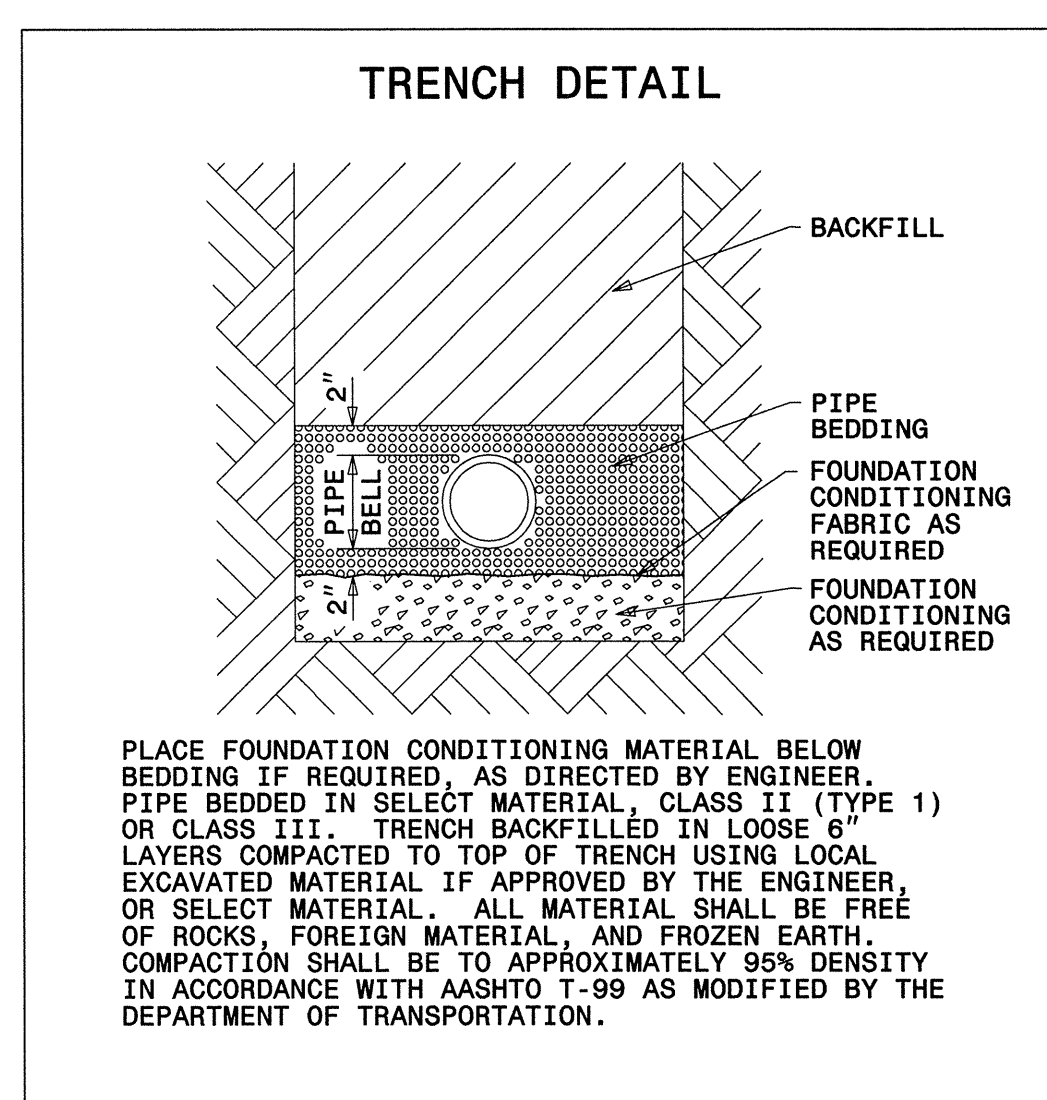
PROJECT REFERENCE NO. P-5206C	SHEET NO. UC-3
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISIED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)	NOMINAL PIPE SIZE (INCHES)	TRENCH WIDTH (INCHES)
4	28	20	44
6	30	24	48
8	32	30	54
10	34	36	60
12	36	42	66
14	38	48	72
16	40	54	78
18	42		



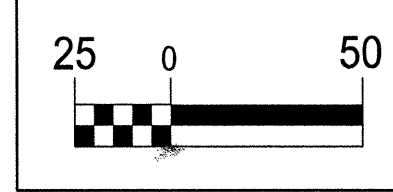
THRUST COLLAR ANCHOR



NOTE:
1. ALL FITTINGS SHALL BE RESTRAINED USING RESTRAINED RETAINER GLANDS.

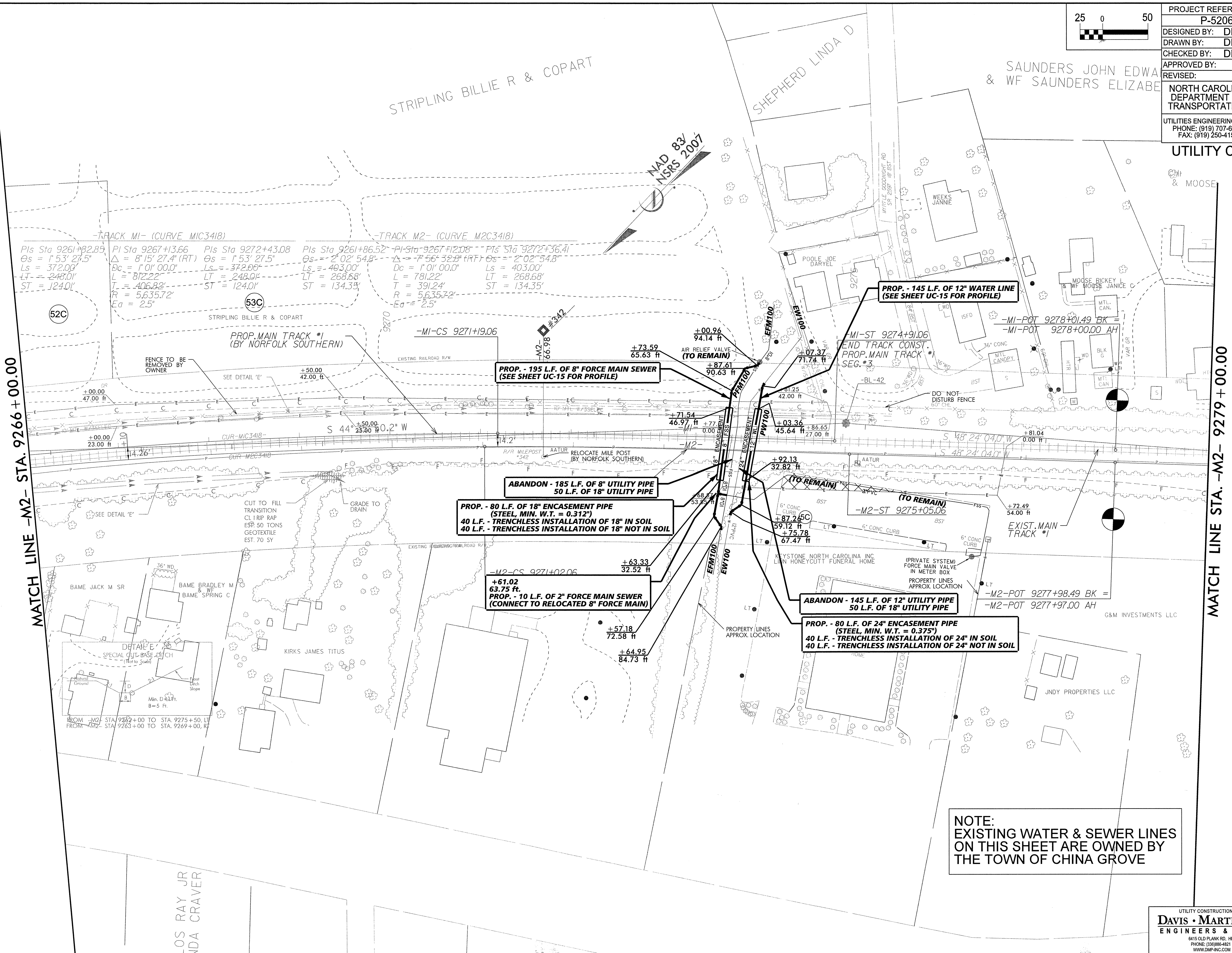
RELOCATION OF D.I. WATER PIPE OR D.I. FORCE MAIN PIPE AT PROPOSED STORM DRAINAGE AS SHOWN ON PLANS

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PROJECT REFERENCE NO.	P-5206C	SHEET NO.	UC-4
DESIGNED BY:	DMP		
DRAWN BY:	DMP		
CHECKED BY:	DMP		
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION			
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151		UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

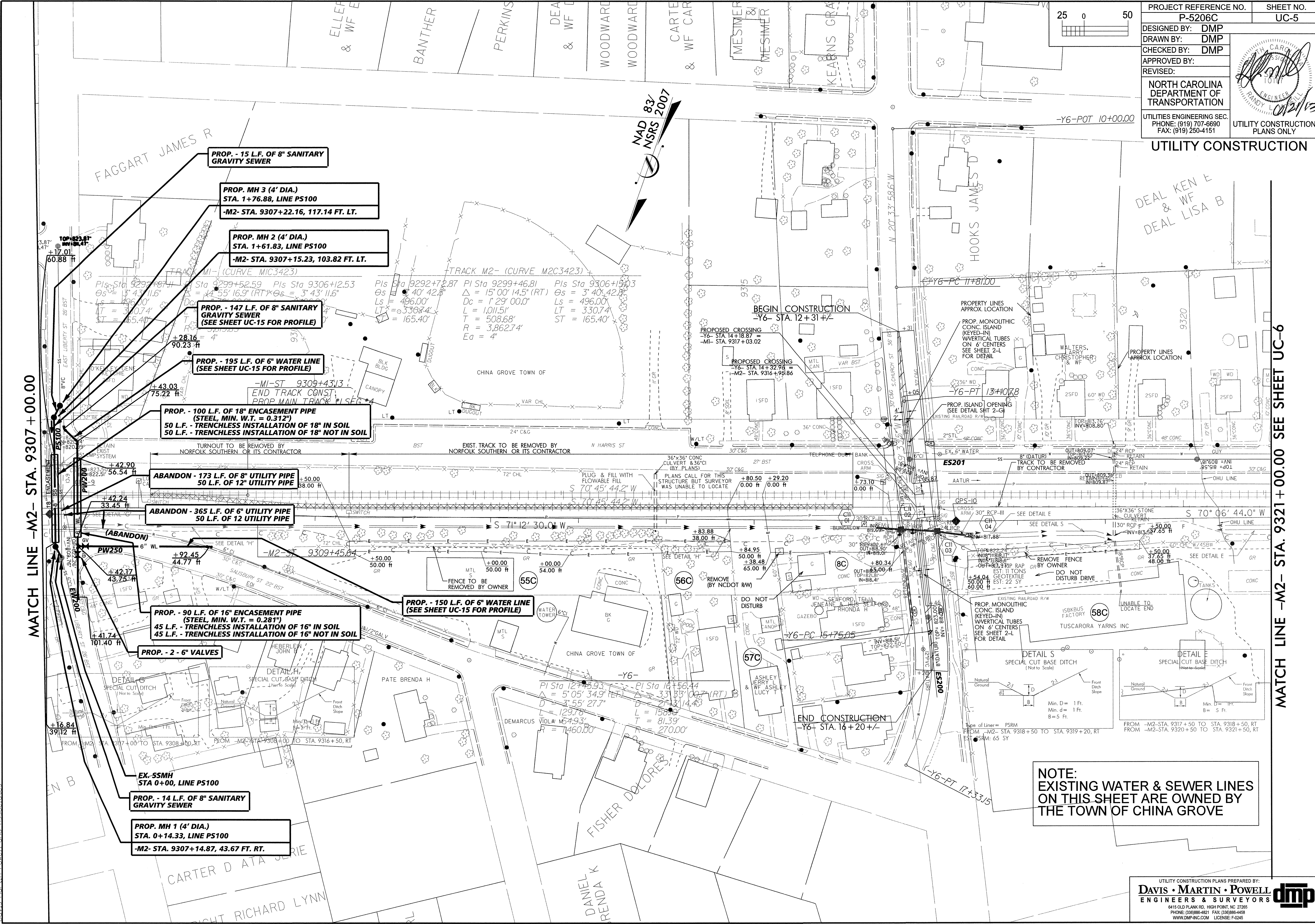


MATCH LINE -M2- STA. 9266 + 00.00

MATCH LINE STA. -M2- 9279 + 00.00

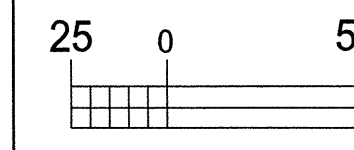
NOTE:
EXISTING WATER & SEWER LINES
ON THIS SHEET ARE OWNED BY
THE TOWN OF CHINA GROVE

26-JUL-2013 09:36
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Davis Martin Powell and Associates



NOTE:
EXISTING WATER & SEWER LINES
ON THIS SHEET ARE OWNED BY
THE TOWN OF CHINA GROVE

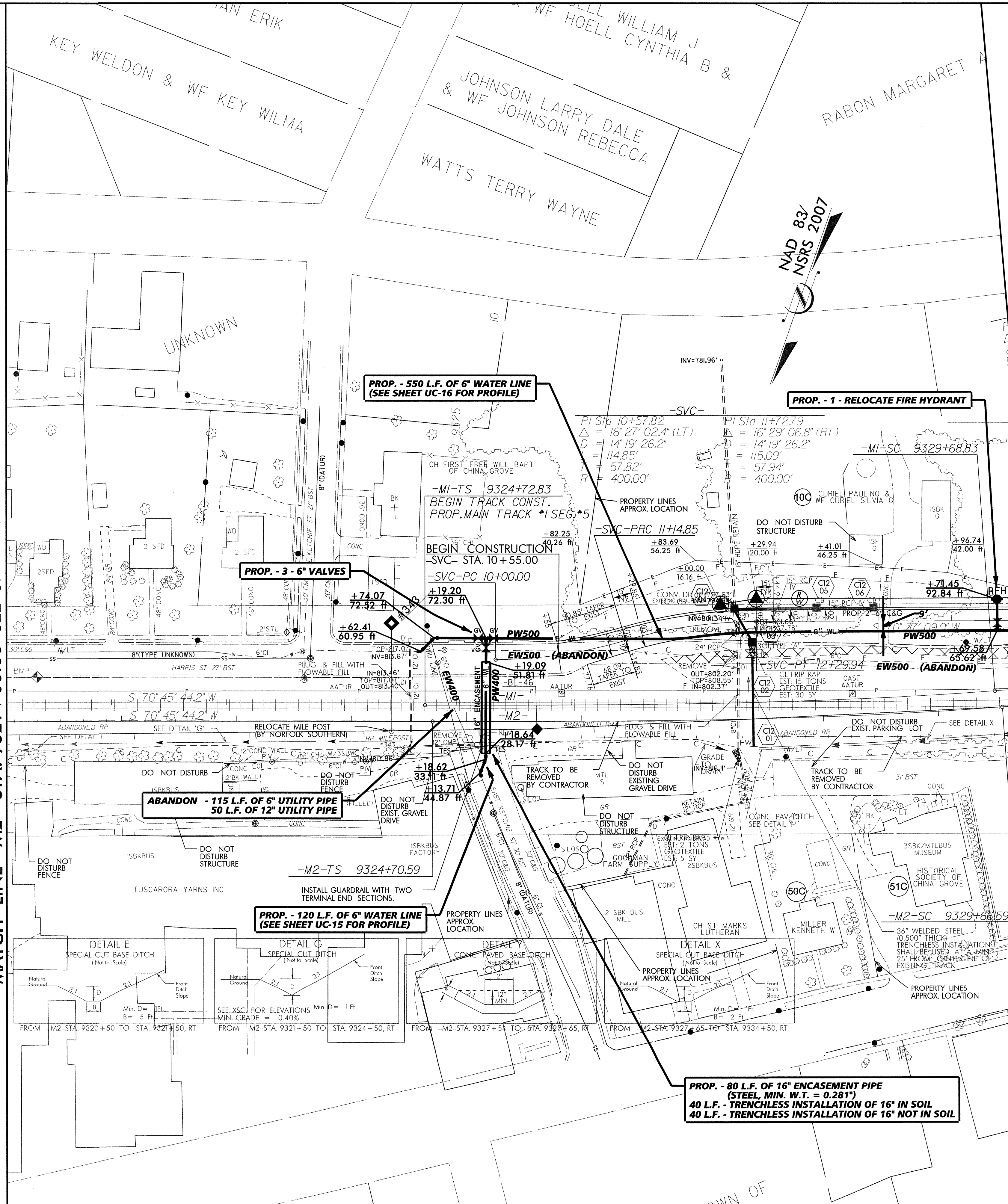
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Davis Martin Powell and Associates



PROJECT REFERENCE NO.	SHEET NO.
P-5206C	UC-6
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISER:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6890 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	
UTILITY CONSTRUCTION	

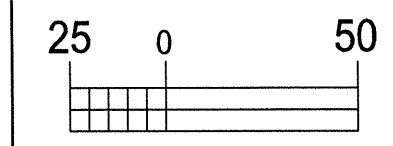
MATCH LINE -M2- STA. 9321+00.00 SEE SHEET UC-5

MATCH LINE -M2- STA. 9330+00.00 SEE SHEET UC-7



NOTE:
EXISTING WATER & SEWER LINES
ON THIS SHEET ARE OWNED BY
THE TOWN OF CHINA GROVE

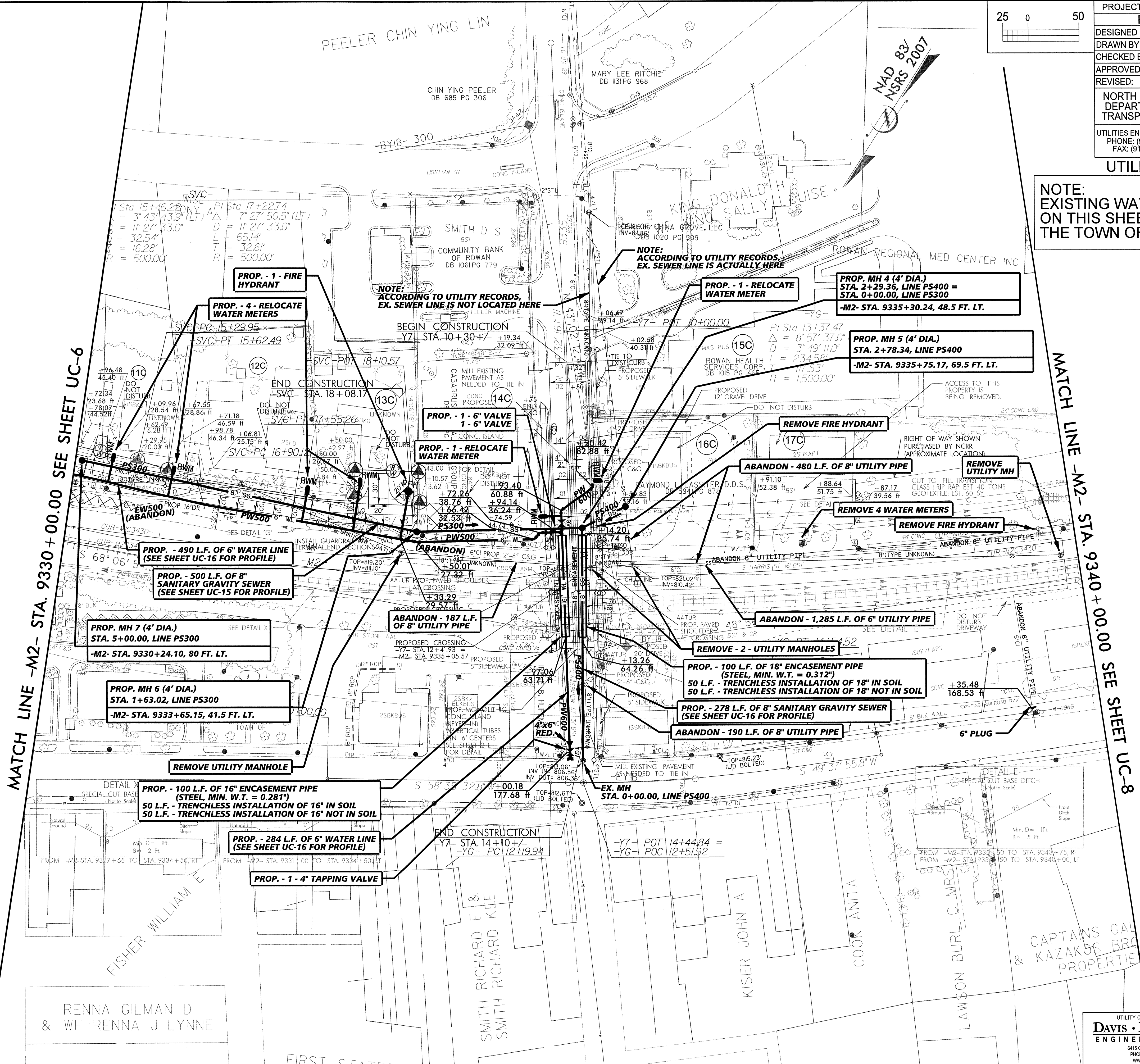
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Davis Martin Powell and Associates



PROJECT REFERENCE NO.	SHEET NO.
P-5206C	UC-7
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY: DMP	
REVISER:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 250-4128 FAX: (919) 250-4119	
UTILITY CONSTRUCTION PLANS ONLY	

UTILITY CONSTRUCTION

NOTE: EXISTING WATER & SEWER LINES ON THIS SHEET ARE OWNED BY THE TOWN OF CHINA GROVE



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Davis Martin Powell and Associates

PROJECT REFERENCE NO.	SHEET NO.
P-5206C	UC-8
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6680 FAX: (919) 250-4151	UTILITY CONSTRUCTION PLANS ONLY

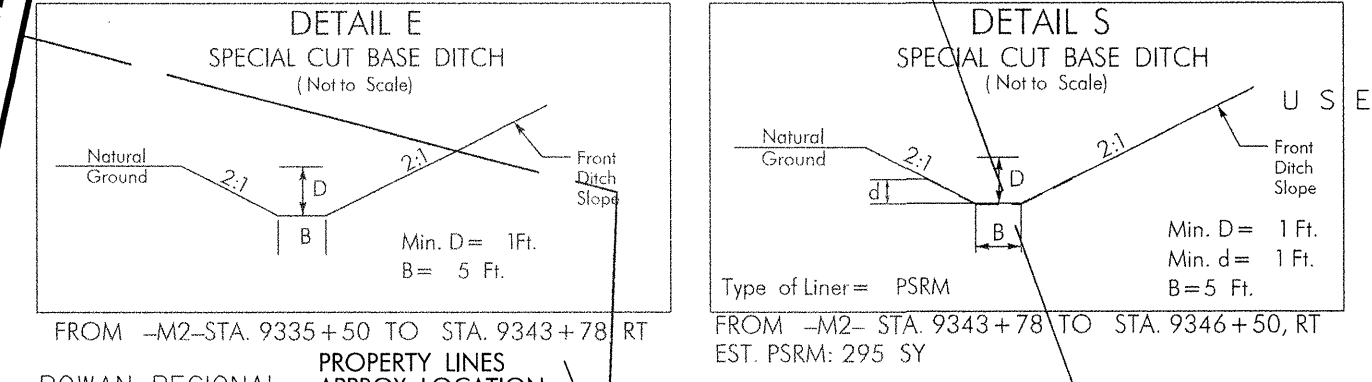
NOTE:
EXISTING WATER & SEWER LINES
ON THIS SHEET ARE OWNED BY
THE TOWN OF CHINA GROVE

-TRACK M1- (CURVE MIC3430)

Pls Sta 9328+03.59	Pls Sta 9342+40.24	Pls Sta 9355+65.73
Os = 4' 12' 57.0"	Δ = 41' 20' 06.4" (LT)	Os = 4' 12' 57.0"
Ls = 496.00'	Dc = 1' 42' 00.0"	Ls = 496.00'
LT = 330.76'	L = 2,431.48'	LT = 330.76'
ST = 165.42'	T = 1,271.41'	ST = 165.42'
	R = 3,370.46'	
	Ea = 4"	

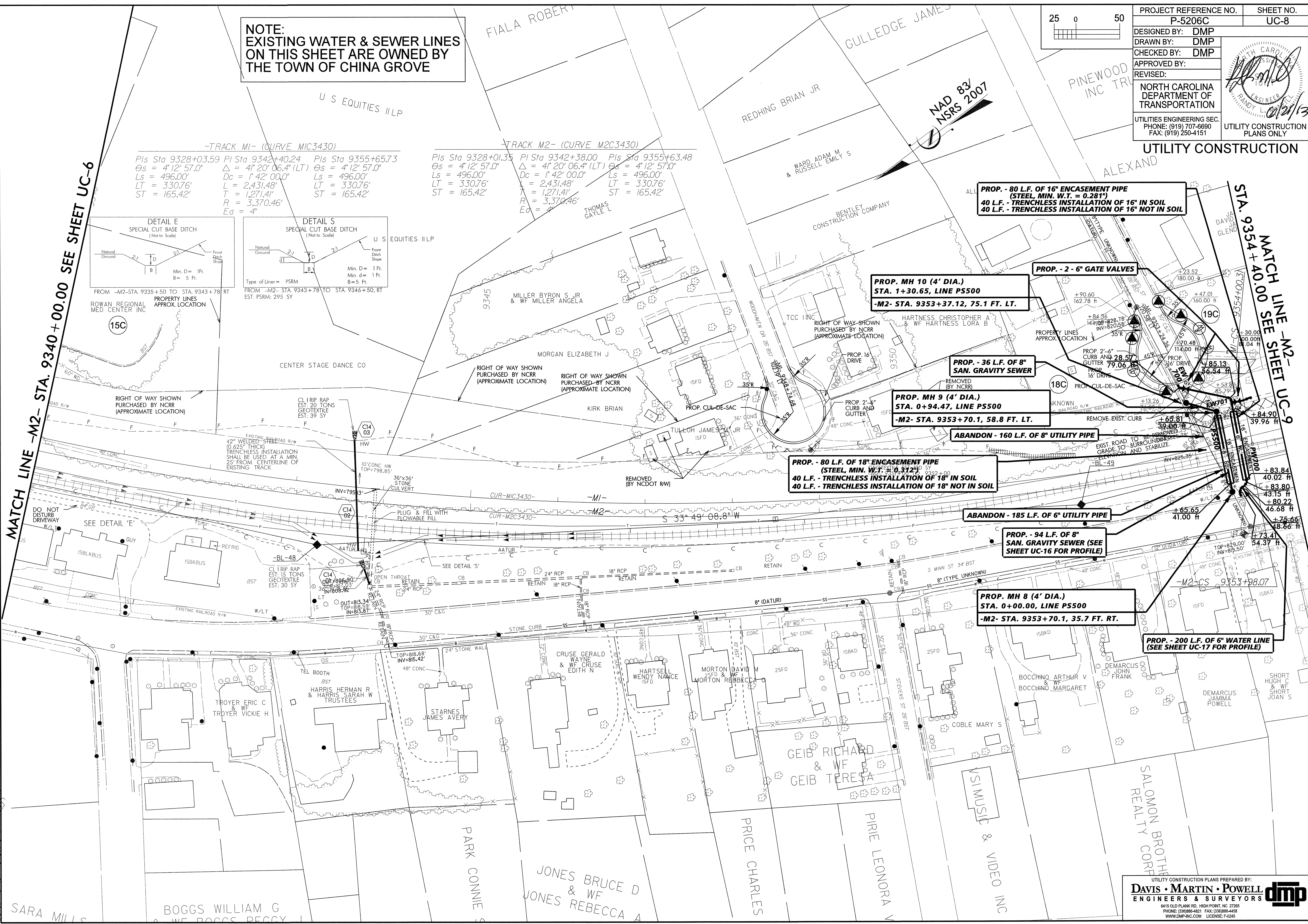
-TRACK M2- (CURVE M2C3430)

Pls Sta 9328+01.35	Pls Sta 9342+38.00	Pls Sta 9355+63.48
Os = 4' 12' 57.0"	Δ = 41' 20' 06.4" (LT)	Os = 4' 12' 57.0"
Ls = 496.00'	Dc = 1' 42' 00.0"	Ls = 496.00'
LT = 330.76'	L = 2,431.48'	LT = 330.76'
ST = 165.42'	T = 1,271.41'	ST = 165.42'
	R = 3,370.46'	
	Ea = 4"	



MATCH LINE -M2- STA. 9340+00.00 SEE SHEET UC-6

MATCH LINE -M2- STA. 9354+40.00 SEE SHEET UC-9



PROP. - 80 L.F. OF 16" ENCASEMENT PIPE (STEEL, MIN. W.T. = 0.287")
40 L.F. - TRENCHLESS INSTALLATION OF 16" IN SOIL
40 L.F. - TRENCHLESS INSTALLATION OF 16" NOT IN SOIL

PROP. MH 10 (4' DIA.)
STA. 1+30.65, LINE P5500
-M2- STA. 9353+37.12, 75.1 FT. LT.

PROP. - 2 - 6" GATE VALVES

PROP. - 36 L.F. OF 8" SAN. GRAVITY SEWER

PROP. MH 9 (4' DIA.)
STA. 0+94.47, LINE P5500
-M2- STA. 9353+70.1, 58.8 FT. LT.

ABANDON - 160 L.F. OF 8" UTILITY PIPE

PROP. - 80 L.F. OF 18" ENCASEMENT PIPE (STEEL, MIN. W.T. = 0.312")
40 L.F. - TRENCHLESS INSTALLATION OF 18" IN SOIL
40 L.F. - TRENCHLESS INSTALLATION OF 18" NOT IN SOIL

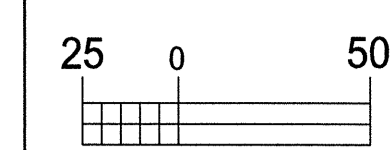
ABANDON - 185 L.F. OF 6" UTILITY PIPE

PROP. - 94 L.F. OF 8" SAN. GRAVITY SEWER (SEE SHEET UC-16 FOR PROFILE)

PROP. MH 8 (4' DIA.)
STA. 0+00.00, LINE P5500
-M2- STA. 9353+70.1, 35.7 FT. RT.

PROP. - 200 L.F. OF 6" WATER LINE (SEE SHEET UC-17 FOR PROFILE)

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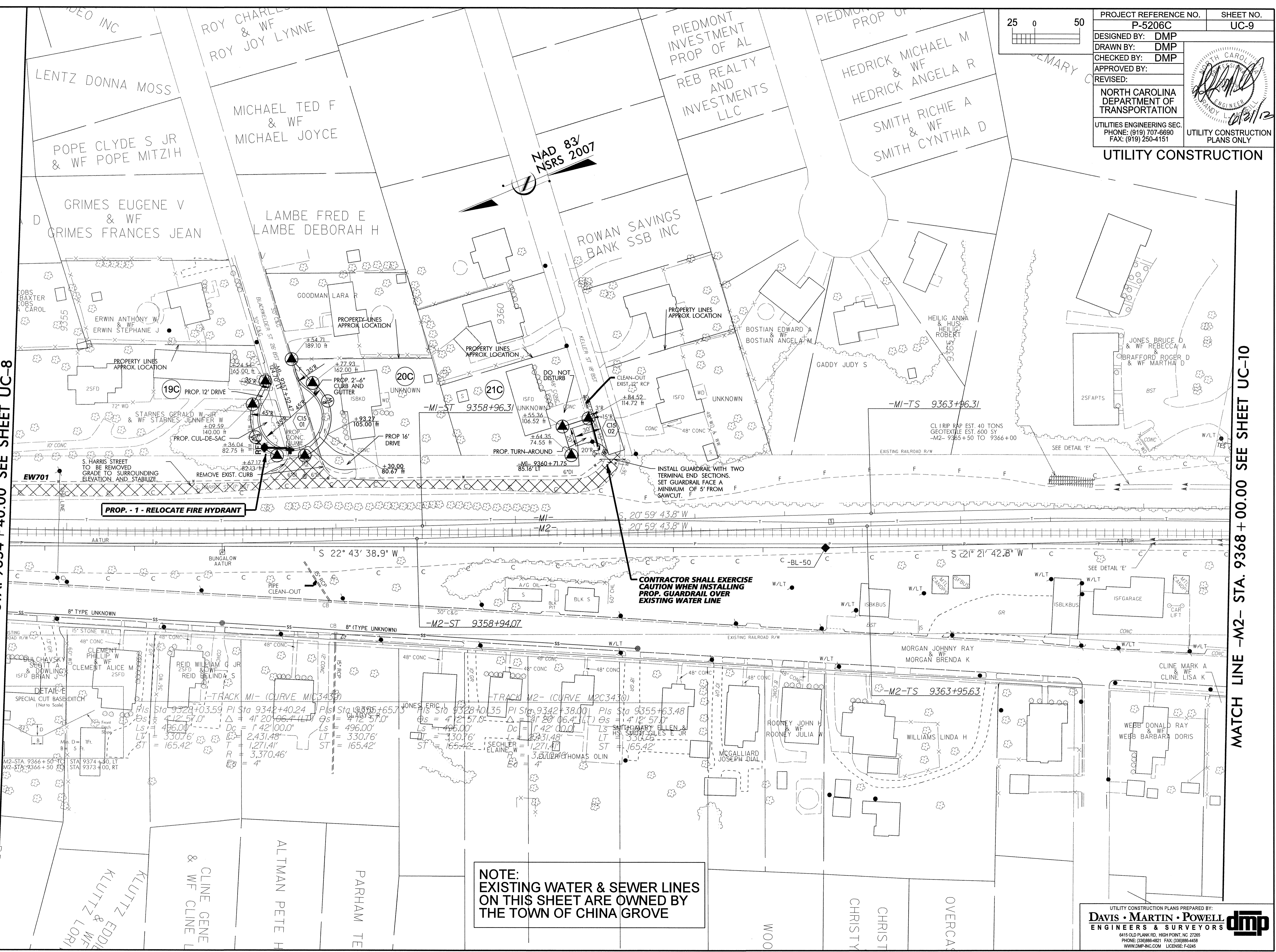


PROJECT REFERENCE NO. P-5206C	SHEET NO. UC-9
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISID:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	UTILITY CONSTRUCTION PLANS ONLY

UTILITY CONSTRUCTION

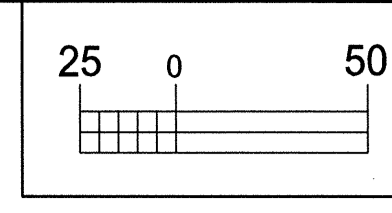
MATCH LINE -M2- STA. 9354 + 40.00 SEE SHEET UC-8

MATCH LINE -M2- STA. 9368 + 00.00 SEE SHEET UC-10



NOTE:
 EXISTING WATER & SEWER LINES
 ON THIS SHEET ARE OWNED BY
 THE TOWN OF CHINA GROVE

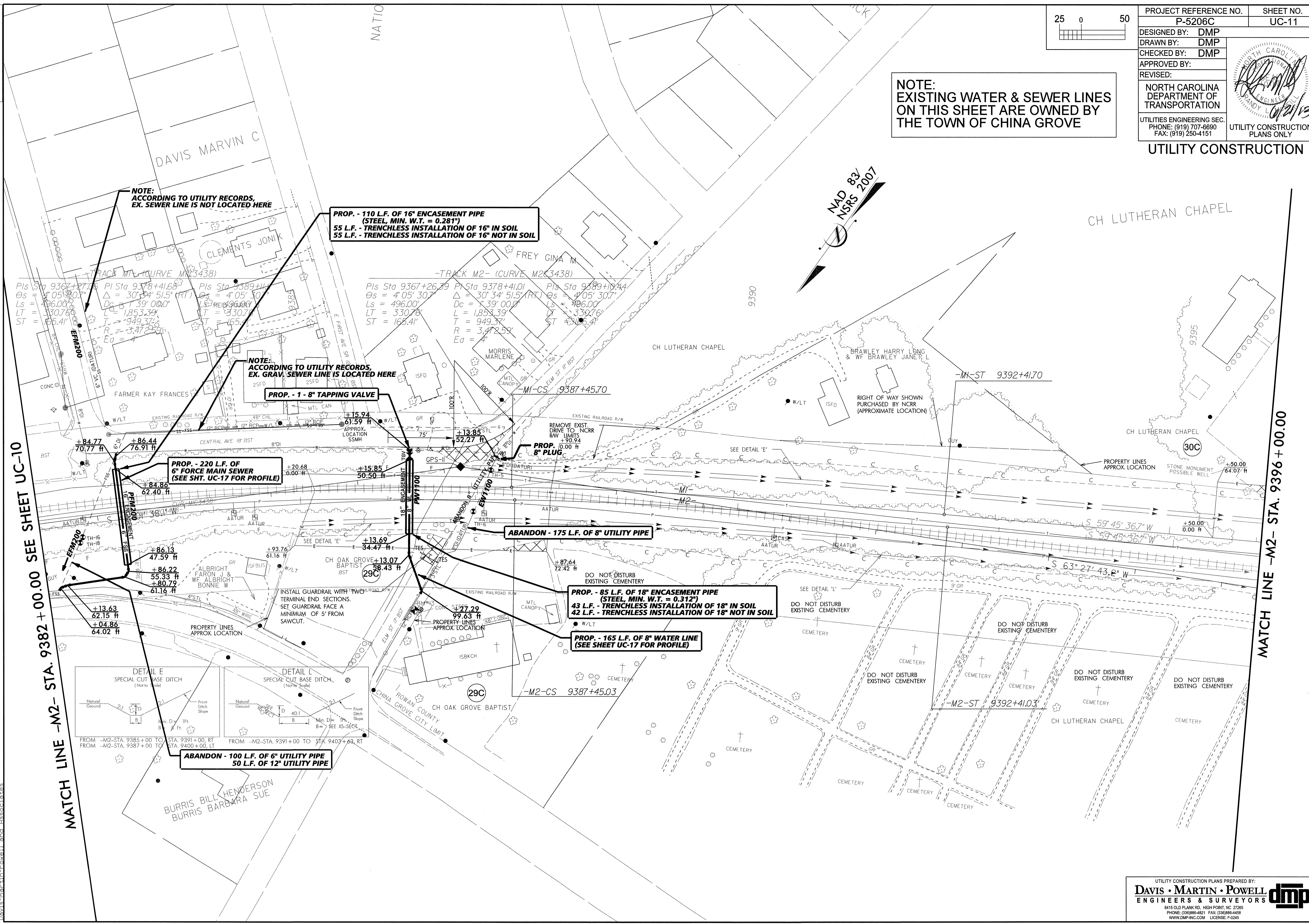
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 Davis Martin Powell and Associates



PROJECT REFERENCE NO.	P-5206C	SHEET NO.	UC-11
DESIGNED BY:	DMP		
DRAWN BY:	DMP		
CHECKED BY:	DMP		
APPROVED BY:			
REVISID:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC.		UTILITY CONSTRUCTION PLANS ONLY	
PHONE: (919) 707-6890		FAX: (919) 250-4151	

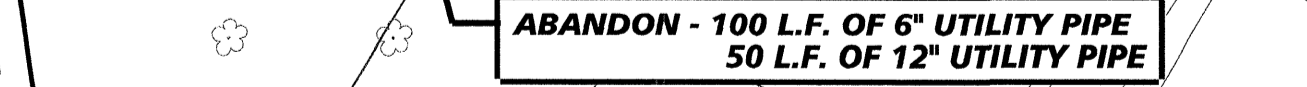
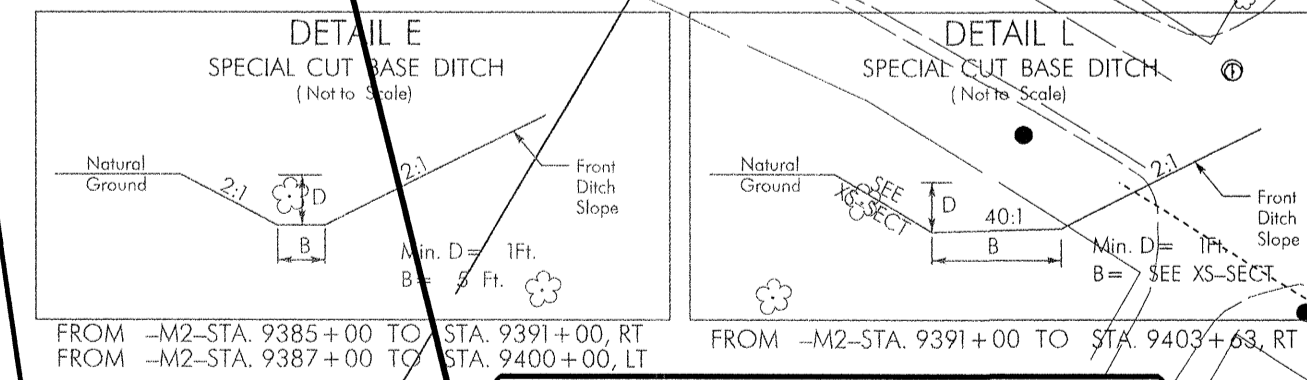
NOTE:
 EXISTING WATER & SEWER LINES
 ON THIS SHEET ARE OWNED BY
 THE TOWN OF CHINA GROVE

UTILITY CONSTRUCTION

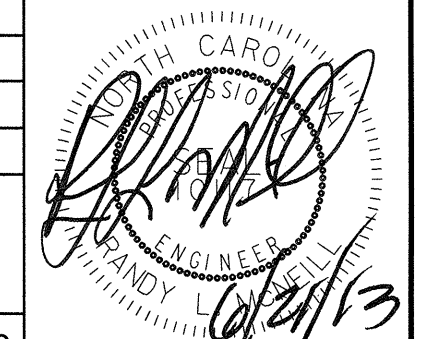


MATCH LINE -M2- STA. 9382 + 00.00 SEE SHEET UC-10

MATCH LINE -M2- STA. 9396 + 00.00

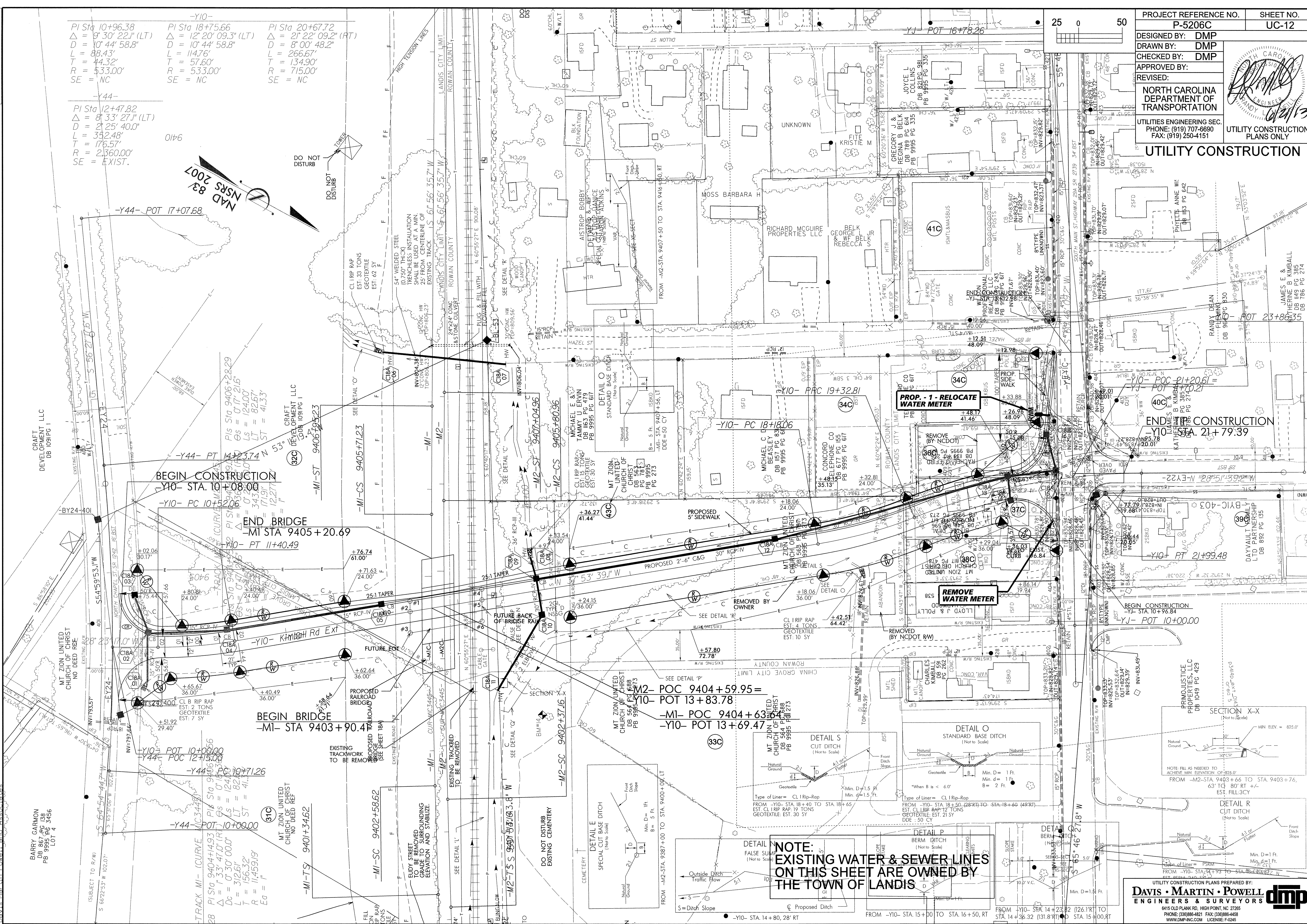


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 Davis Martin Powell and Associates



-Y10-
 PI Sta 10+96.38 Δ = 9° 30' 22.1" (LT) D = 10' 44' 58.8" L = 88.43' T = 44.32' R = 533.00' SE = NC
 PI Sta 18+75.66 Δ = 12° 20' 09.3" (LT) D = 10' 44' 58.8" L = 114.76' T = 57.60' R = 533.00' SE = NC
 PI Sta 20+67.72 Δ = 21° 22' 09.2" (RT) D = 8' 00' 48.2" L = 266.67' T = 134.90' R = 715.00' SE = NC

-Y44-
 PI Sta 12+47.82 Δ = 8° 33' 27.1" (LT) D = 2' 25' 40.0" L = 332.48' T = 176.57' R = 2,360.00' SE = EXIST.



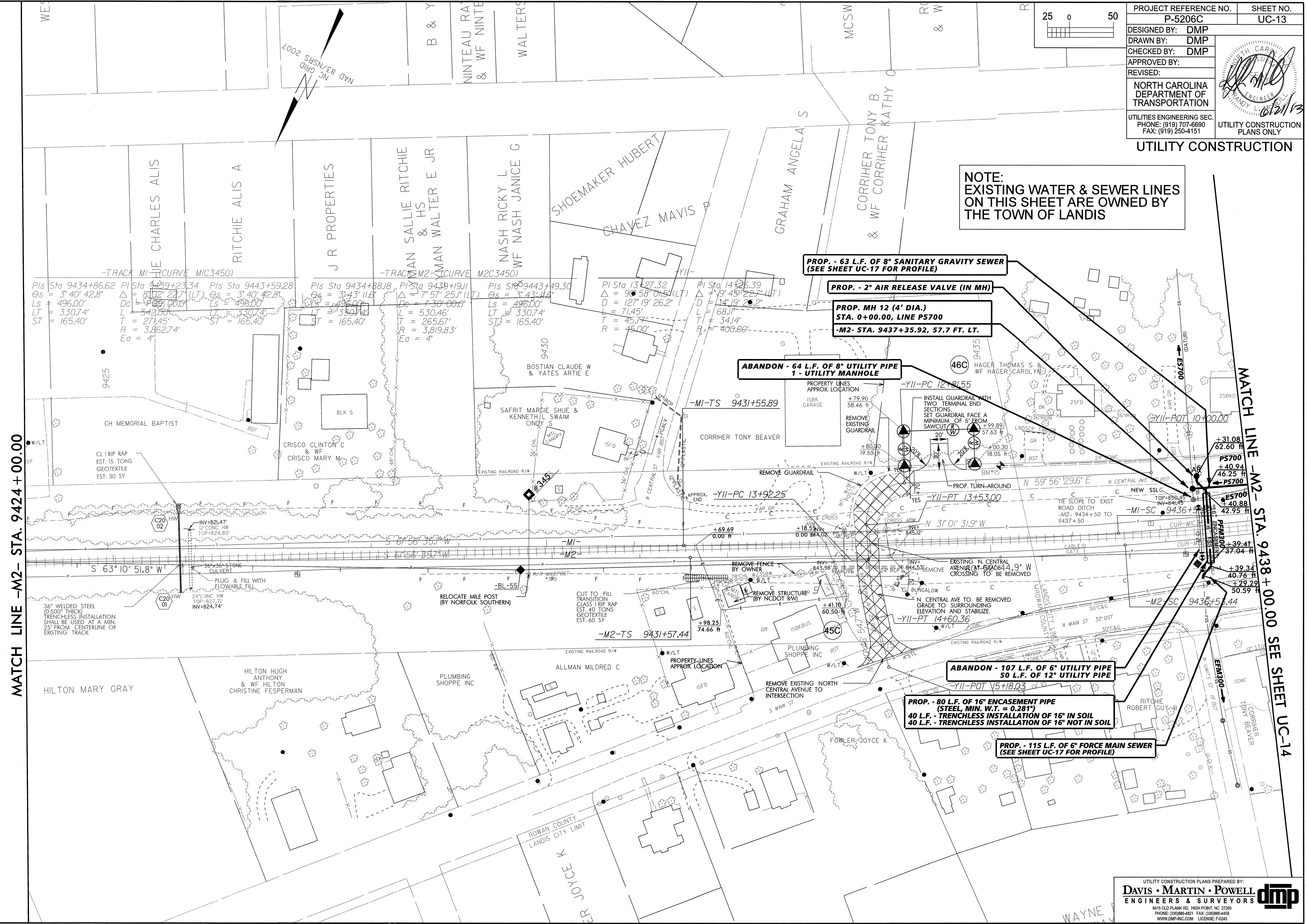
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 Davis Martin Powell and Associates

PROJECT REFERENCE NO.	SHEET NO.
P-5206C	UC-13
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	



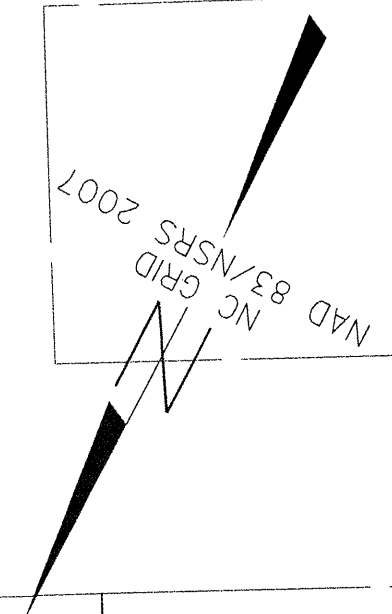
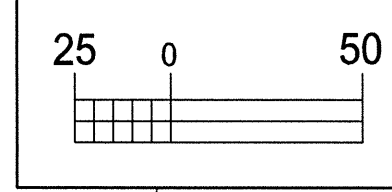
UTILITY CONSTRUCTION

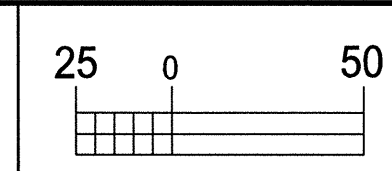
NOTE:
EXISTING WATER & SEWER LINES
ON THIS SHEET ARE OWNED BY
THE TOWN OF LANDIS



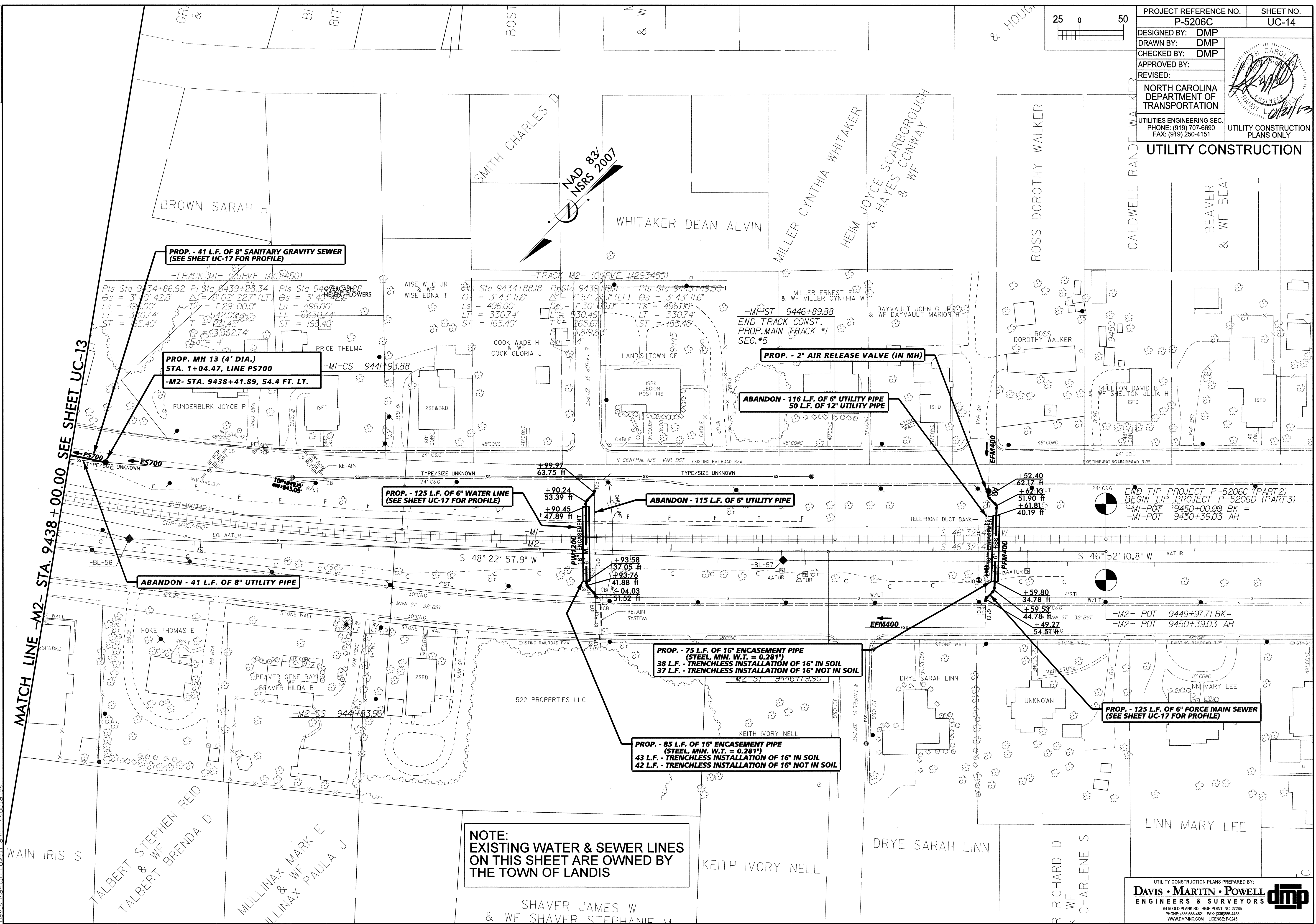
MATCH LINE -M2- STA. 9424 + 00.00

MATCH LINE -M2- STA. 9438 + 00.00 SEE SHEET UC-14





PROJECT REFERENCE NO.	P-5206C	SHEET NO.	UC-14
DESIGNED BY:	DMP		
DRAWN BY:	DMP		
CHECKED BY:	DMP		
APPROVED BY:			
REVISED:			
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION			
UTILITIES ENGINEERING SEC.			
PHONE: (919) 707-6690 FAX: (919) 250-4151			
UTILITY CONSTRUCTION PLANS ONLY			



MATCH LINE -M2- STA. 9438 + 00.00 SEE SHEET UC-13

PROP. - 41 L.F. OF 8" SANITARY GRAVITY SEWER (SEE SHEET UC-17 FOR PROFILE)

PROP. MH 13 (4' DIA.) STA. 1+04.47, LINE PS700
-M2- STA. 9438+41.89, 54.4 FT. LT.

PROP. - 125 L.F. OF 6" WATER LINE (SEE SHEET UC-17 FOR PROFILE)

PROP. - 2" AIR RELEASE VALVE (IN MH)

ABANDON - 116 L.F. OF 6" UTILITY PIPE
50 L.F. OF 12" UTILITY PIPE

ABANDON - 115 L.F. OF 6" UTILITY PIPE

ABANDON - 41 L.F. OF 8" UTILITY PIPE

PROP. - 75 L.F. OF 16" ENCASEMENT PIPE (STEEL, MIN. W.T. = 0.281")
38 L.F. - TRENCHLESS INSTALLATION OF 16" IN SOIL
37 L.F. - TRENCHLESS INSTALLATION OF 16" NOT IN SOIL

PROP. - 85 L.F. OF 16" ENCASEMENT PIPE (STEEL, MIN. W.T. = 0.281")
43 L.F. - TRENCHLESS INSTALLATION OF 16" IN SOIL
42 L.F. - TRENCHLESS INSTALLATION OF 16" NOT IN SOIL

PROP. - 125 L.F. OF 6" FORCE MAIN SEWER (SEE SHEET UC-17 FOR PROFILE)

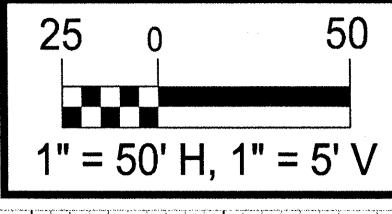
NOTE:
EXISTING WATER & SEWER LINES ON THIS SHEET ARE OWNED BY THE TOWN OF LANDIS

END TIP PROJECT P-5206C (PART 2)
BEGIN TIP PROJECT P-5206D (PART 3)
-M1-POT 9450+00.00 BK =
-M1-POT 9450+39.03 AH

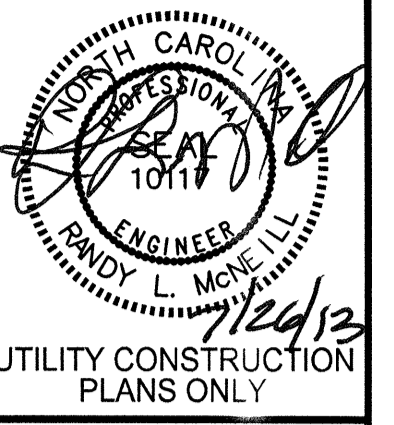
-M2- POT 9449+97.71 BK =
-M2- POT 9450+39.03 AH

20 JUN 2013 10:03 AM N:\Projects\5206C\civil1\N5206C-ut-rev1-21-uc14.dgn
Davis-Martin-Powell and Associates

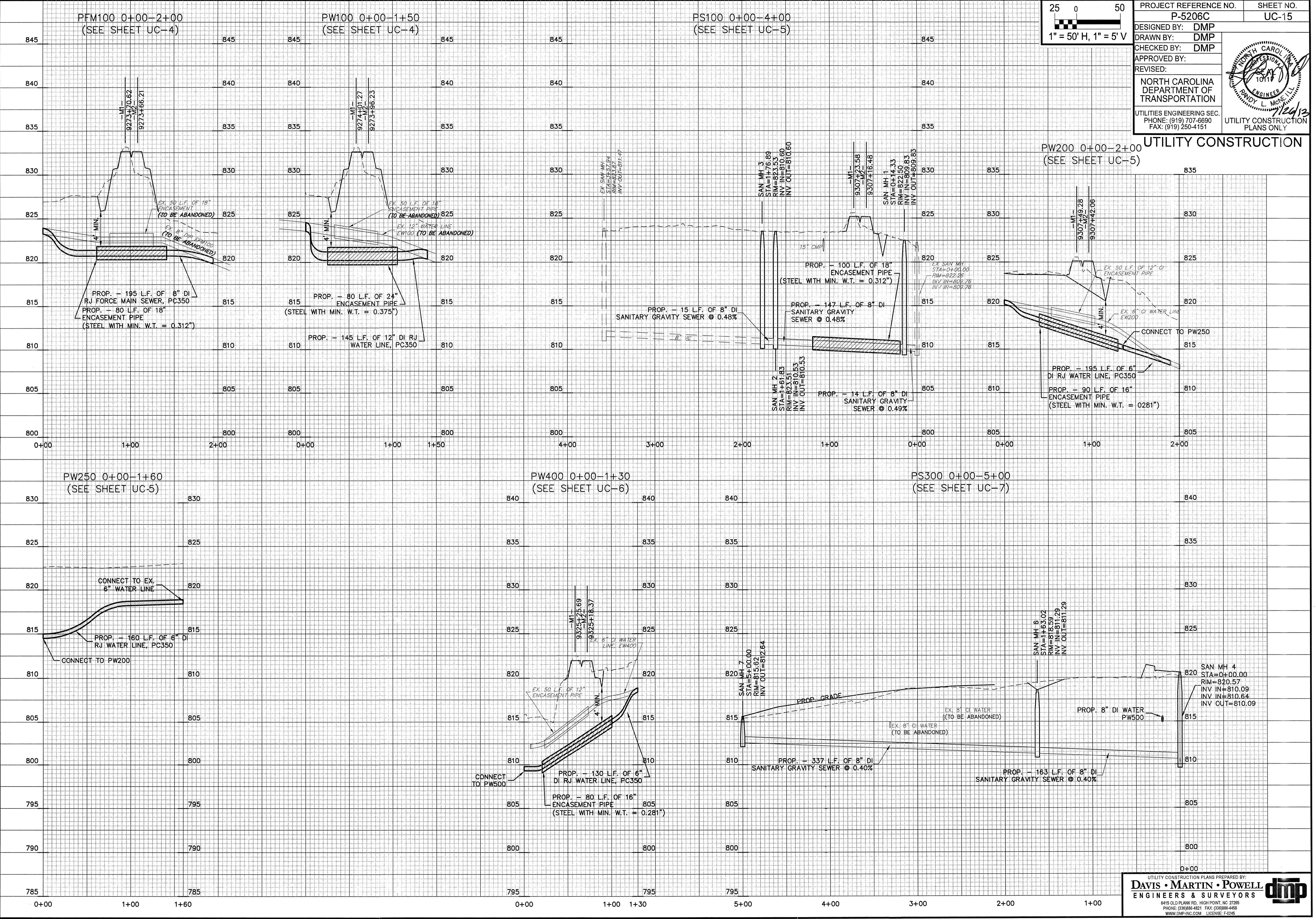
0164DEL_P1062



PROJECT REFERENCE NO.	SHEET NO.
P-5206C	UC-15
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION	
UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	



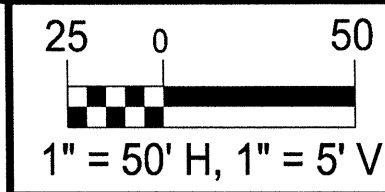
UTILITY CONSTRUCTION



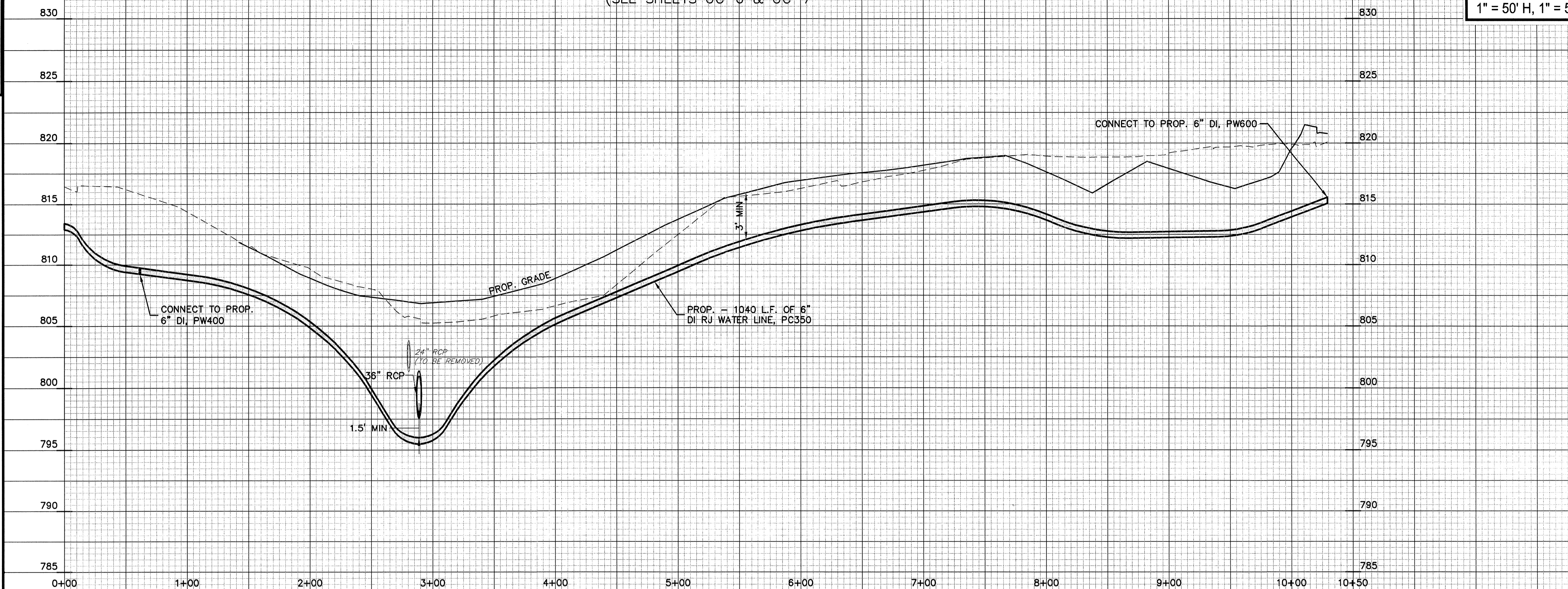
***** DON'T *****

0164DEL_P10b2

PW500 0+00-10+50
(SEE SHEETS UC-6 & UC-7)



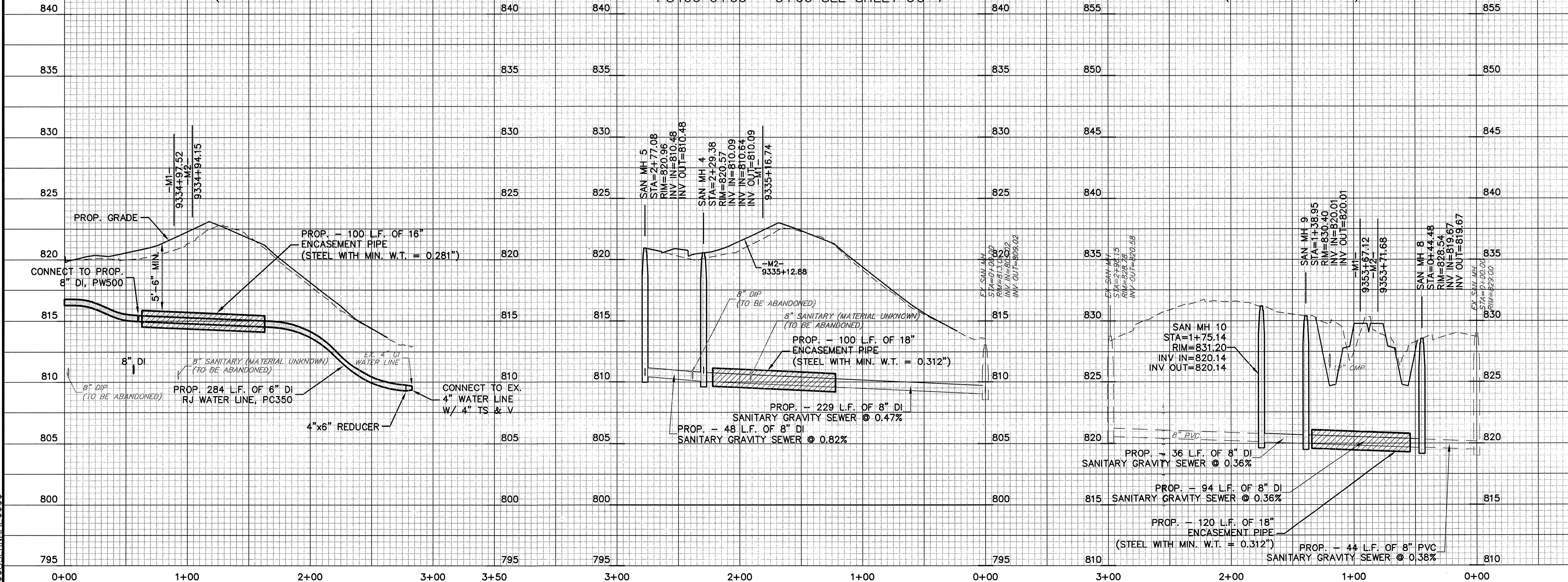
PROJECT REFERENCE NO.	SHEET NO.
P-5206C	UC-16
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISED:	
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION PLANS ONLY	



PW600 0+00-3+50
(SEE SHEET UC-7)

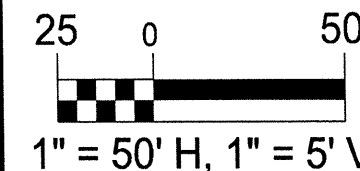
PS400 0+00 - 3+00 SEE SHEET UC-7

PS500 0+00-3+00
(SEE SHEET UC-8)



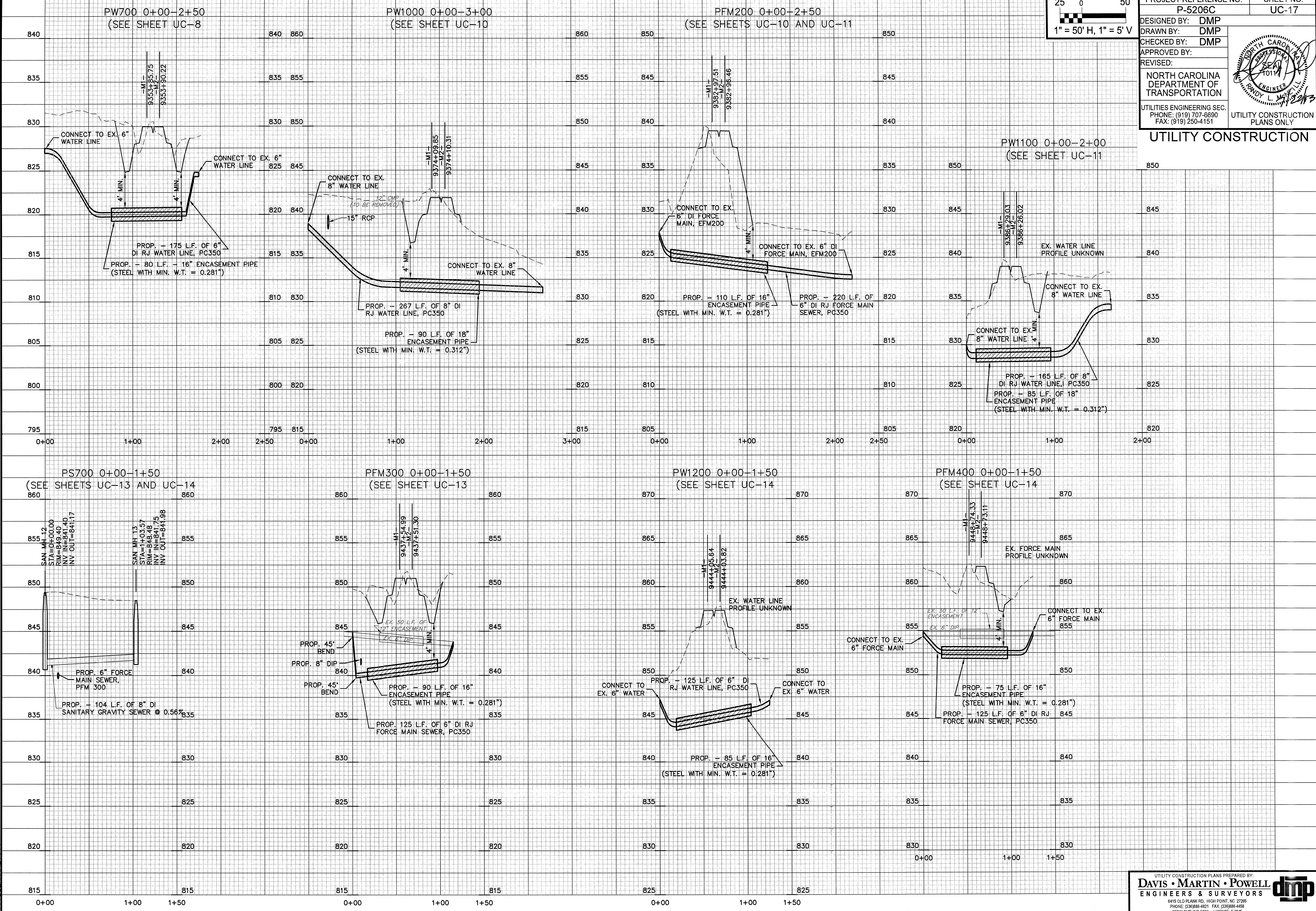
SYSTEMLIMITED

0164DEL_P10b2



PROJECT REFERENCE NO. P-5206C	SHEET NO. UC-17
DESIGNED BY: DMP	
DRAWN BY: DMP	
CHECKED BY: DMP	
APPROVED BY:	
REVISD:	UTILITY CONSTRUCTION PLANS ONLY
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITIES ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	

UTILITY CONSTRUCTION



*****DGN*****

UTILITIES BY OTHERS

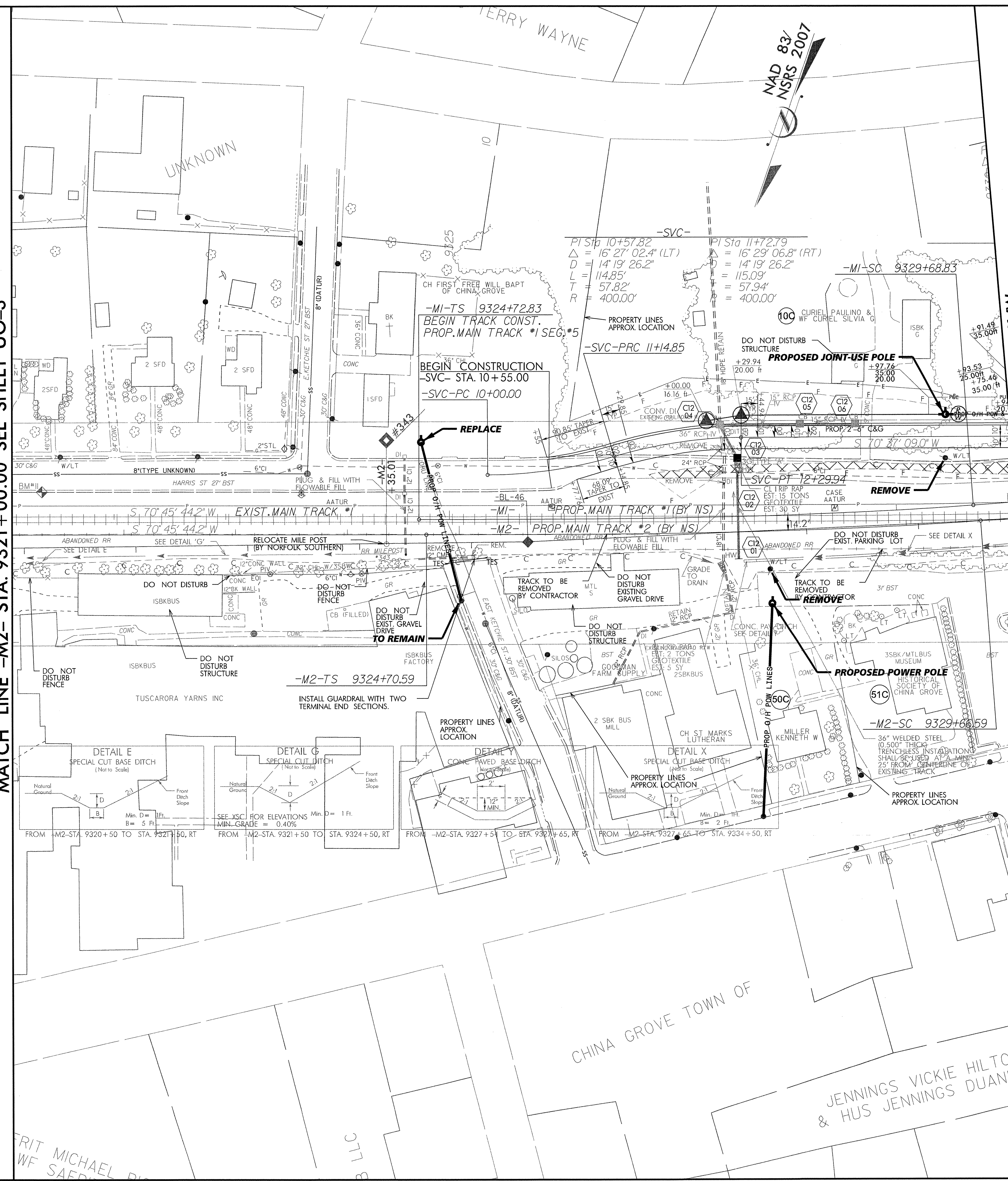
NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

LEGEND

- PROPOSED JOINT-USE UTILITY POLE
- ⊕ PROPOSED POWER POLE
- ⊕ PROPOSED TELEPHONE POLE

MATCH LINE -M2- STA. 9321+00.00 SEE SHEET UO-3

MATCH LINE -M2- STA. 9330+00.00 SEE SHEET UO-5



01-2011-2013-10-04-21.dwg
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Davis, Martin, Powell and Associates

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

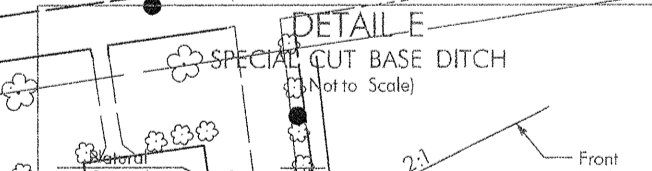
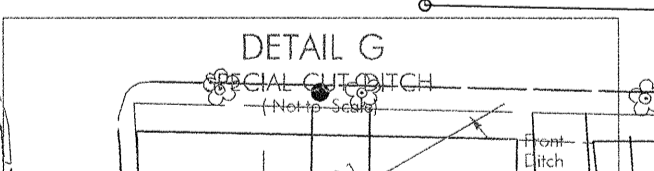
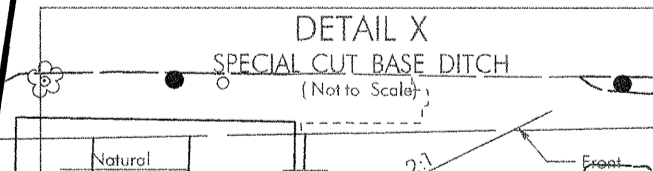
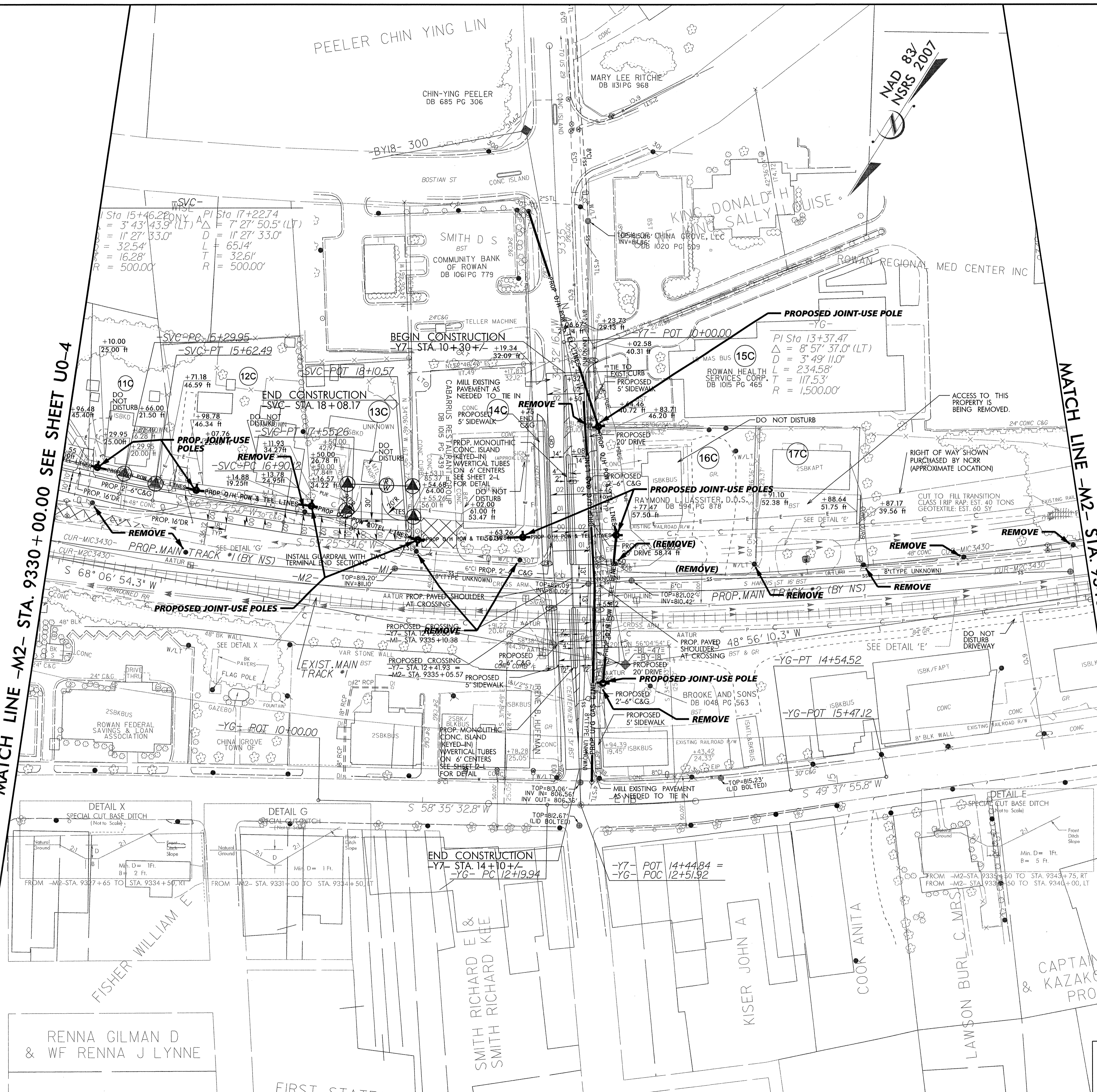
LEGEND

- PROPOSED JOINT-USE UTILITY POLE
- ⊕ PROPOSED POWER POLE
- ⊕ PROPOSED TELEPHONE POLE

0164DEL_P10b2

MATCH LINE -M2- STA. 9330 + 00.00 SEE SHEET UO-4

MATCH LINE -M2- STA. 9340 + 00.00 SEE SHEET UO-6



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 Davis-Martin-Powell and Associates

UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

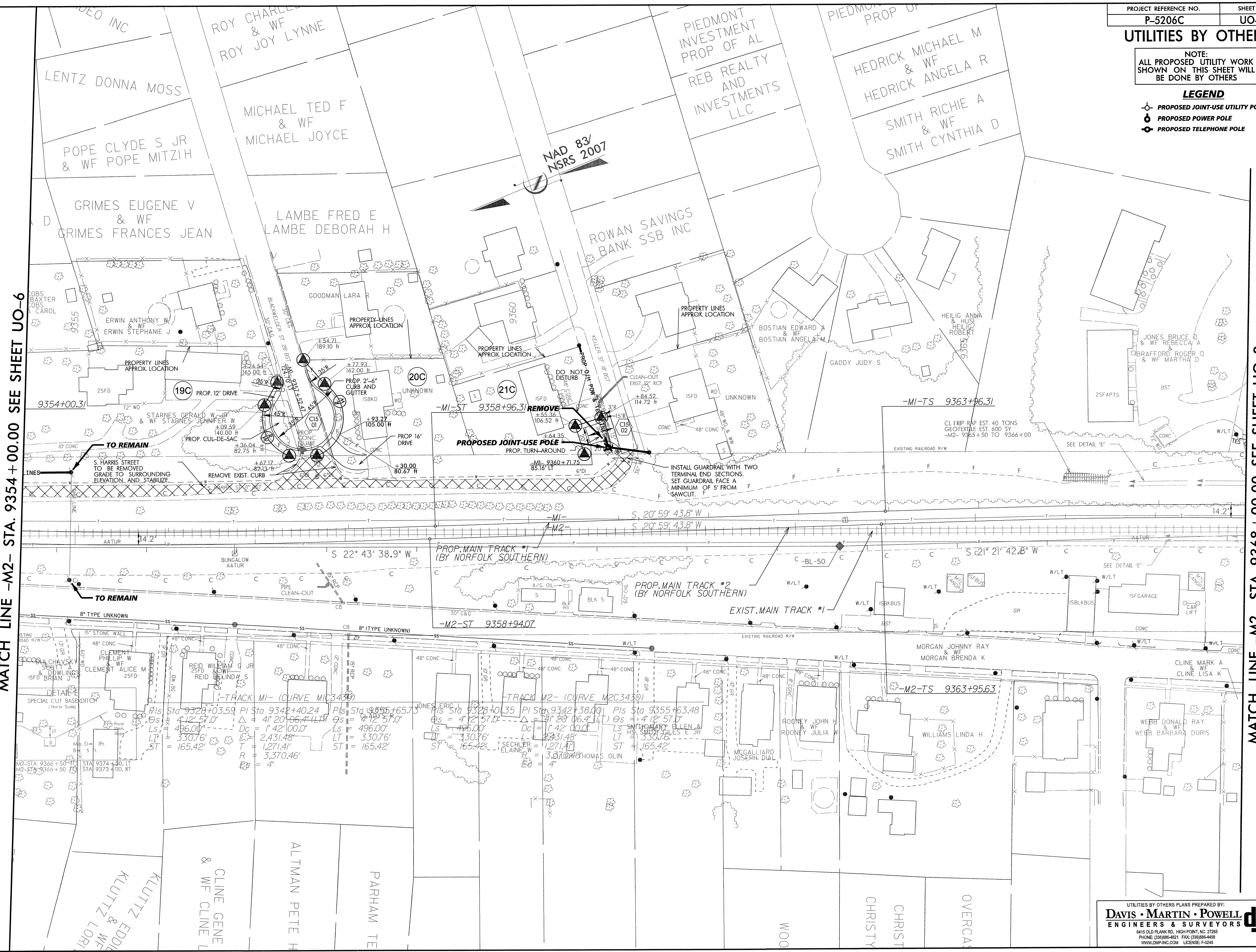
LEGEND

- PROPOSED JOINT-USE UTILITY POLE
- ⊕ PROPOSED POWER POLE
- ⊕ PROPOSED TELEPHONE POLE

0164DEL_P1062

MATCH LINE -M2- STA. 9354 + 00.00 SEE SHEET UO-6

MATCH LINE -M2- STA. 9368 + 00.00 SEE SHEET UO-8



01-JUL-2013 10:43
 P:\2011\110035\Civil\NPS206C.ubo-rai-ps-15.uo07.dgn
 Davis-Martin-Powell and Associates

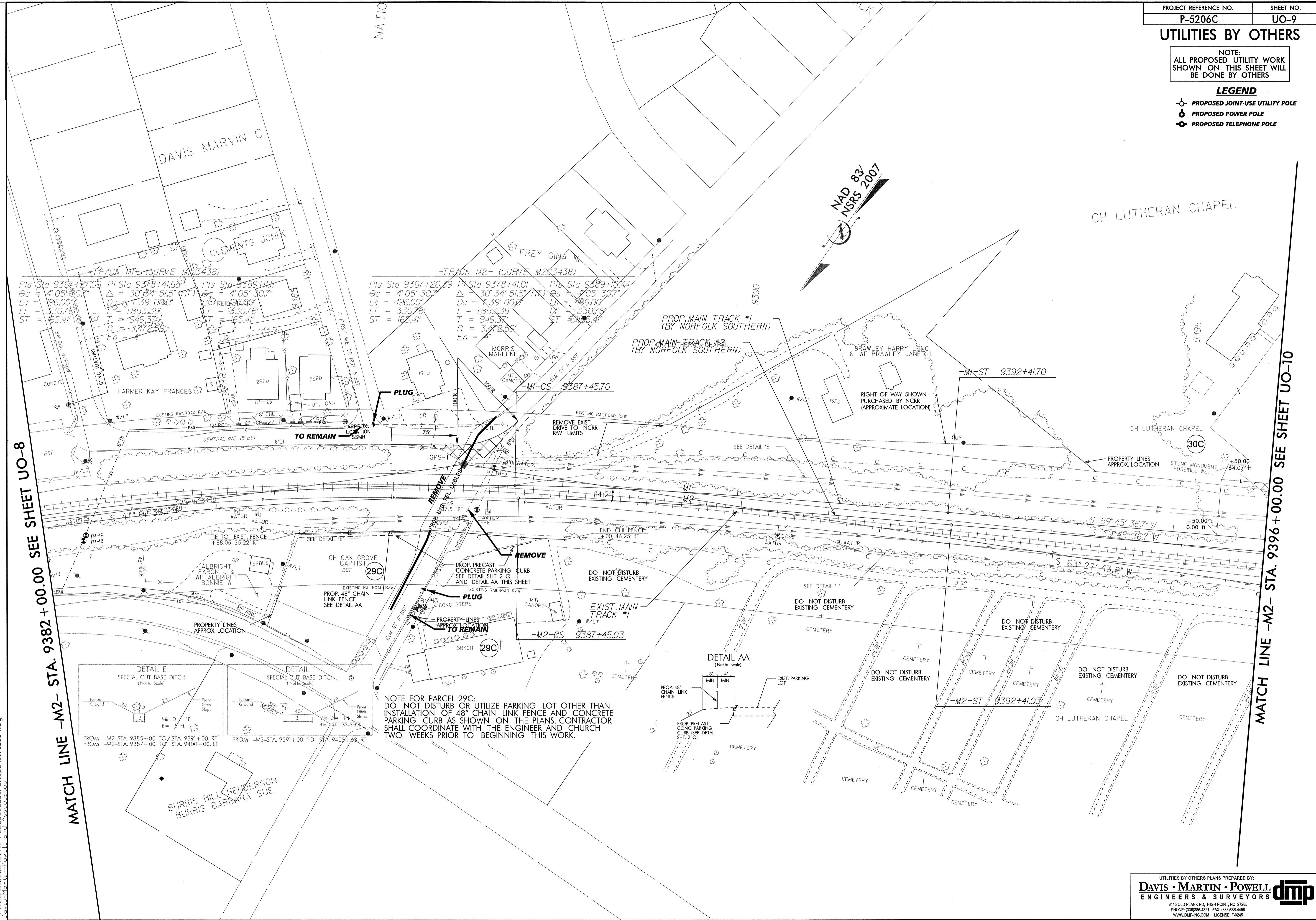
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK
SHOWN ON THIS SHEET WILL
BE DONE BY OTHERS

LEGEND

- PROPOSED JOINT-USE UTILITY POLE
- PROPOSED POWER POLE
- ⊙ PROPOSED TELEPHONE POLE

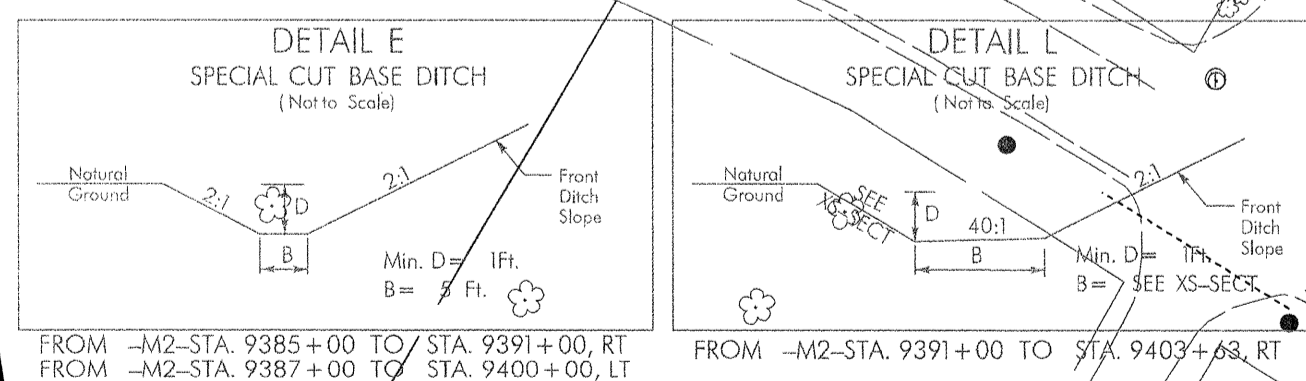
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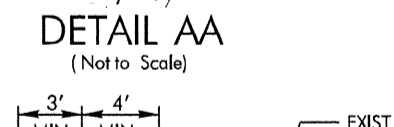
MATCH LINE -M2- STA. 9382 + 00.00 SEE SHEET UO-8

MATCH LINE -M2- STA. 9396 + 00.00 SEE SHEET UO-10

9/1/2013 10:09:43 N:\P5206C-ubo-rail.psh.17_uo09.dgn



NOTE FOR PARCEL 29C:
DO NOT DISTURB OR UTILIZE PARKING LOT OTHER THAN INSTALLATION OF 48" CHAIN LINK FENCE AND CONCRETE PARKING CURB AS SHOWN ON THE PLANS. CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND CHURCH TWO WEEKS PRIOR TO BEGINNING THIS WORK.



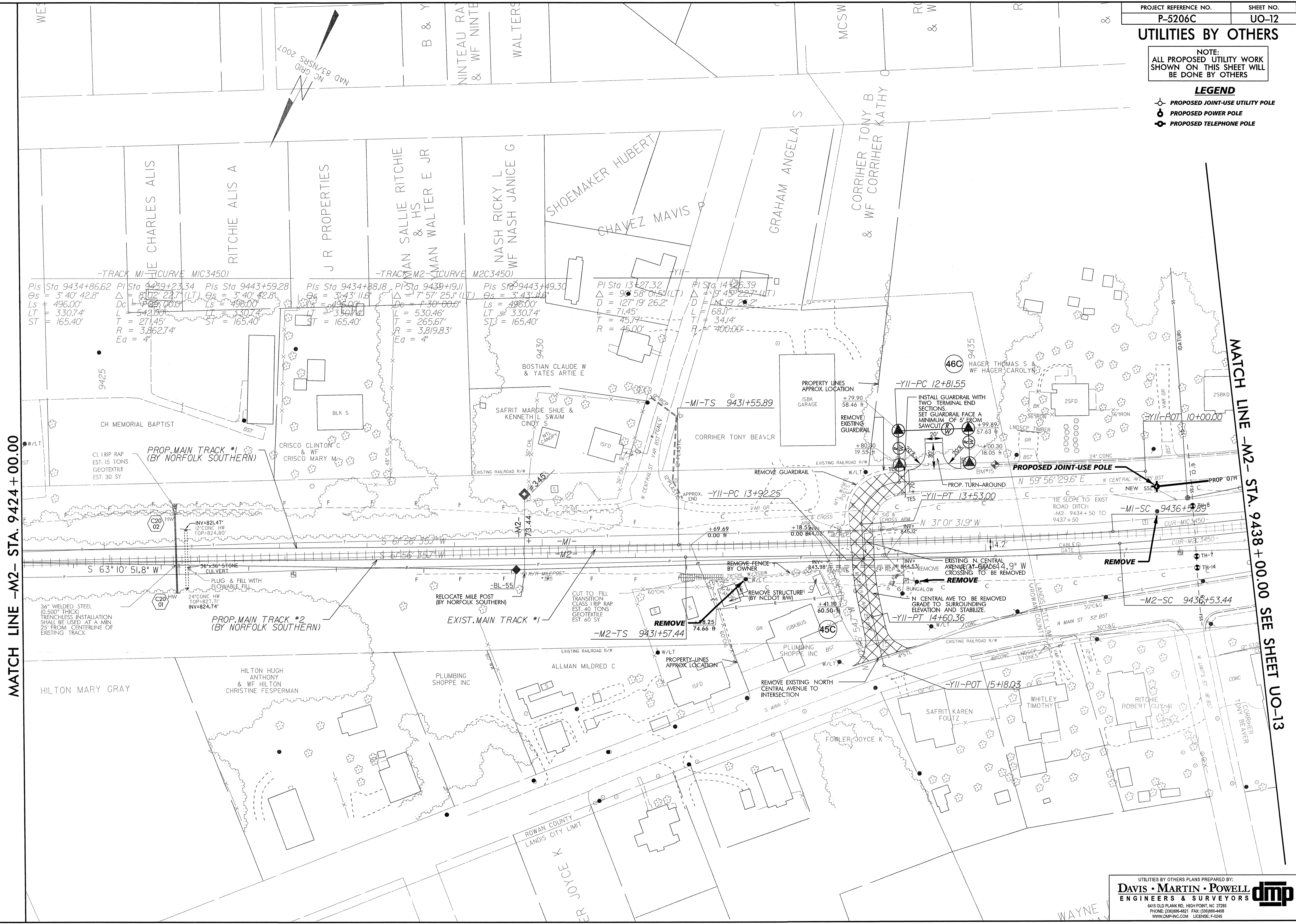
UTILITIES BY OTHERS

NOTE:
ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

LEGEND

- PROPOSED JOINT-USE UTILITY POLE
- PROPOSED POWER POLE
- ⊙ PROPOSED TELEPHONE POLE

0164DEL_P1062



MATCH LINE -M2- STA. 9438 + 00.00 SEE SHEET UO-13

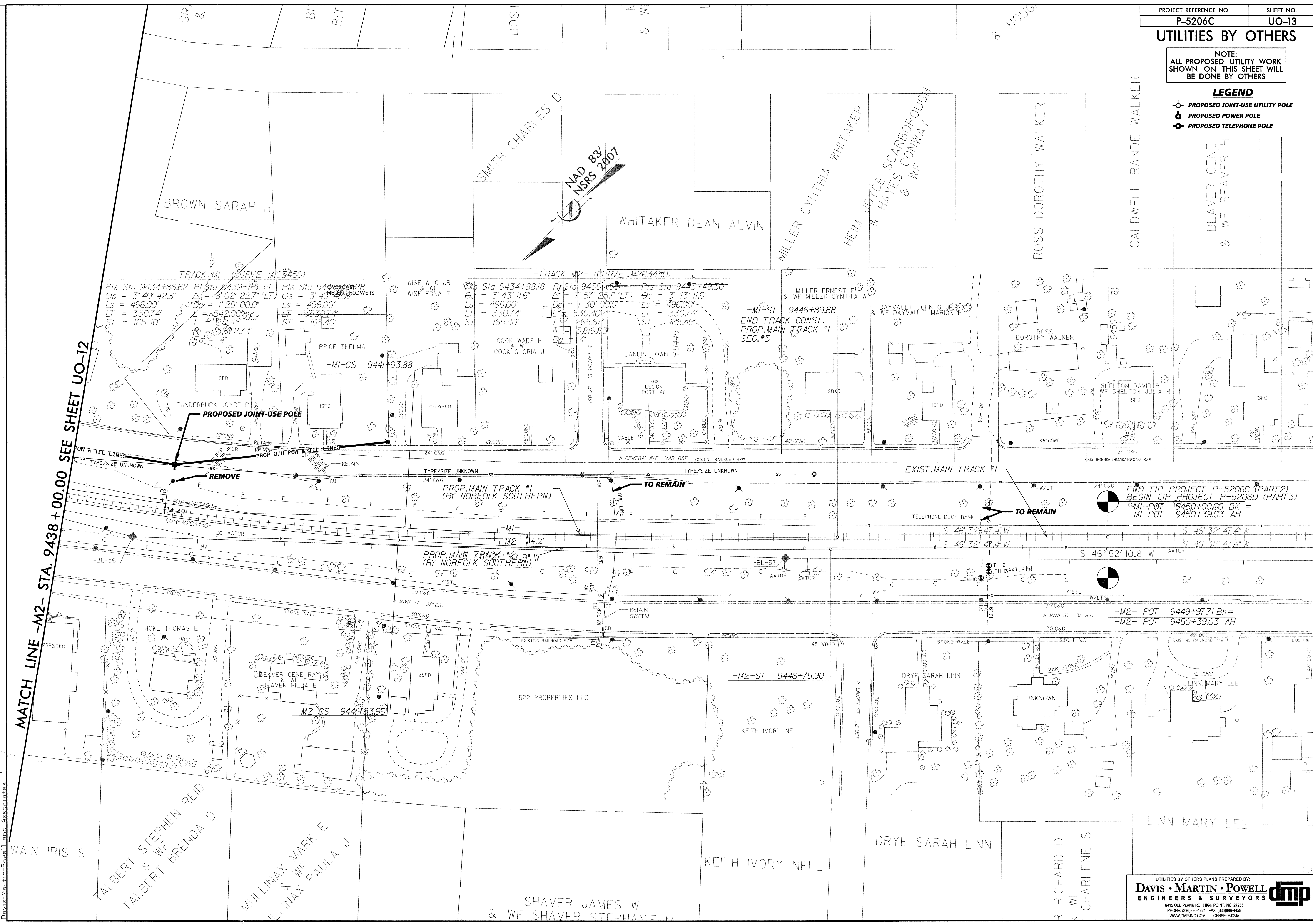
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 Davis Martin Powell and Associates

UTILITIES BY OTHERS

NOTE: ALL PROPOSED UTILITY WORK SHOWN ON THIS SHEET WILL BE DONE BY OTHERS

LEGEND

- PROPOSED JOINT-USE UTILITY POLE
- PROPOSED POWER POLE
- PROPOSED TELEPHONE POLE



MATCH LINE -M2- STA. 9438 + 00.00 SEE SHEET UO-12

END TIP PROJECT P-5206C (PART 2)
 BEGIN TIP PROJECT P-5206D (PART 3)
 -M1-POT 9450+00.00 BK =
 -M1-POT 9450+39.03 AH
 S 46° 32' 47.4" W
 S 46° 32' 47.4" W
 S 46° 52' 10.8" W
 -M2- POT 9449+97.71 BK =
 -M2- POT 9450+39.03 AH

01-11-2013 10:45 AM P:\5206C\bo\res\1-ph-21.uo13.dgn