

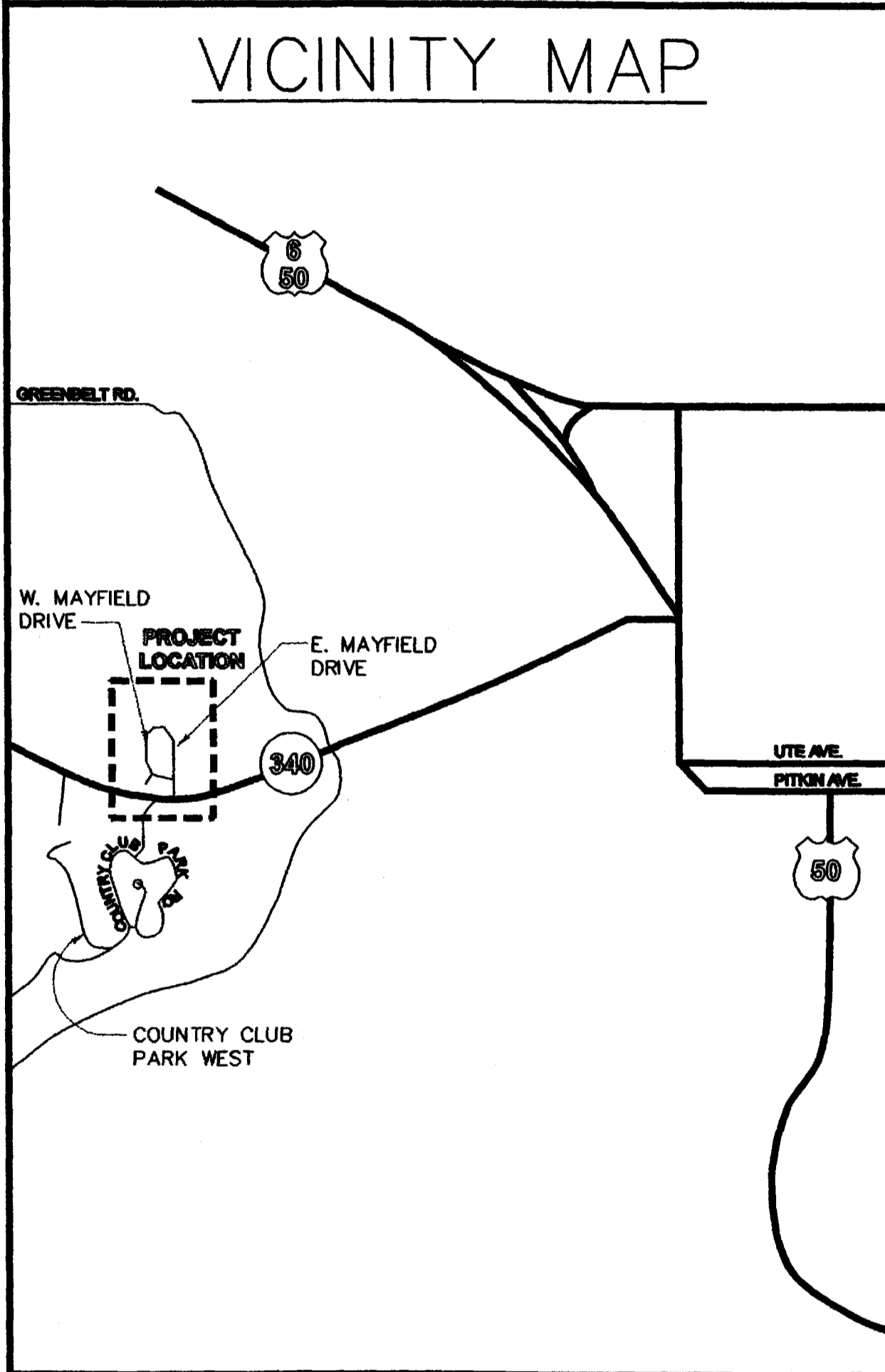
MAYS SUBDIVISION SANITARY SEWER IMPROVEMENT DISTRICT

City of Grand Junction, Colorado

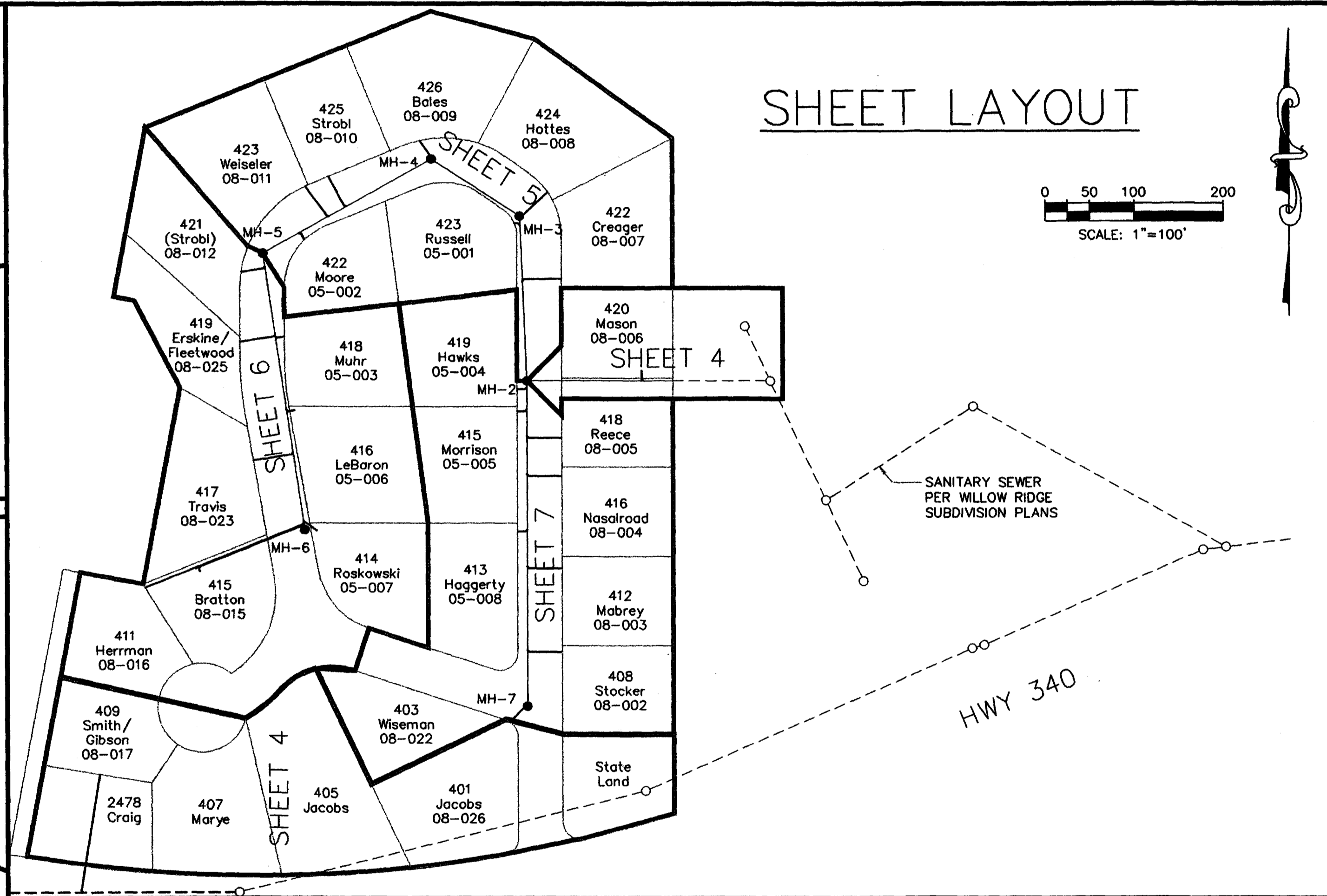
Department of Public Works & Utilities

Utilities Division

VICINITY MAP



SHEET LAYOUT



SHEET INDEX

1. Cover Sheet & Property Ownership
2. Quantities Summary
3. Std. Abbreviations & Symbols
- 4-7. Plan & Profile Sheets
8. Std. Sanitary Sewer Details

GENERAL NOTES (TYPICAL FOR ALL SHEETS)

- (G01)** Unless noted otherwise, Standard Details and Specifications and Special Provisions apply.
- (G02)** Notes numbered between 20 and 99 pertain to Work governed by the City of Grand Junction's "Standard Specifications For Construction of Water Lines, Sanitary Sewers, Storm Drains, Underdrains, and Irrigation Systems", as may be modified.
- (G03)** Notes numbered between 200 and 699 pertain to Work governed by corresponding sections of the CDOT's "Standard Specifications for Road and Bridge Construction", as may be modified.
- (G04)** Notes numbered in the 1000's pertain to miscellaneous Work not governed by Standard Specifications.
- (G05)** Note numbers preceded with a "C" and italicized are informational or general in nature and, as incidental to the Work, are no-pay items.
- (G06)** Property lines shown are approximate only.

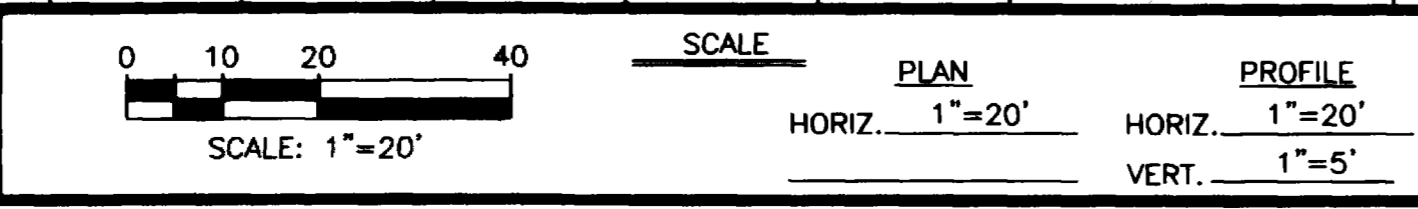
PROPERTY OWNERSHIP INFORMATION

OWNER NAME(S)	STREET ADDRESS	OWNER ADDRESS	PARCEL No.
C. LEONARD & E. KAY RUSSELL	423 EAST MAYFIELD DRIVE	SAME	2945-164-05-001
MARIE M. MOORE	422 WEST MAYFIELD DRIVE	SAME	2945-164-05-002
LELAND & DELORIS MUHR	418 WEST MAYFIELD DRIVE	SAME	2945-164-05-003
WYENONA L. HAWKES	419 EAST MAYFIELD DRIVE	SAME	2945-164-05-004
STEVE & THEA R. MORRISON	415 EAST MAYFIELD DRIVE	SAME	2945-164-05-005
R. GORDON & H. IDALE LEBARON	416 WEST MAYFIELD DRIVE	SAME	2945-164-05-006
EDWARD F. & R. L. ROSKOWSKY	414 WEST MAYFIELD DRIVE	SAME	2945-164-05-007
ROBERT L. & KAREN K. HAGGERTY	413 EAST MAYFIELD DRIVE	SAME	2945-164-05-008
HAROLD P. & SHIRLEY STOCKER	408 EAST MAYFIELD DRIVE	SAME	2945-164-08-002
LLOYD R. & SUSAN M. MABREY	412 EAST MAYFIELD DRIVE	SAME	2945-164-08-003
JAMES & CATHERINE NASALROAD	416 EAST MAYFIELD DRIVE	SAME	2945-164-08-004
EVERETT E. REECE	418 EAST MAYFIELD DRIVE	SAME	2945-164-08-005
LARRY S. & NANCY J. MASON	420 EAST MAYFIELD DRIVE	SAME	2945-164-08-006
JOHN W. & VERA L. CREAGER	422 EAST MAYFIELD DRIVE	SAME	2945-164-08-007
HOWARD & BEATRICE R. HOTTES	424 EAST MAYFIELD DRIVE	SAME	2945-164-08-008
MICHAEL J. & KAREN L. BALES	426 EAST MAYFIELD DRIVE	SAME	2945-164-08-009
HENRY & RACHEL P. STROBL	425 WEST MAYFIELD DRIVE	SAME	2945-164-08-010
KENNETH R. & ALICE J. WIESELER	423 WEST MAYFIELD DRIVE	SAME	2945-164-08-011
ROBERT H. & C. A. STROBL	421 WEST MAYFIELD DRIVE	SAME	2945-164-08-012
JAMES N. & M. L. BRATTON	415 WEST MAYFIELD DRIVE	SAME	2945-164-08-015
TED M. & CYNTHIA L. HERRMAN	411 WEST MAYFIELD DRIVE	SAME	2945-164-08-016
ARTHUR R. SMITH & ANN GIBSON	409 WEST MAYFIELD DRIVE	SAME	2945-164-08-017
RUSSELL D. & AGNES F. WISEMAN	403 WEST MAYFIELD DRIVE	SAME	2945-164-08-022
SAMMIE MCLALLEN TRAVIS	417 WEST MAYFIELD DRIVE	SAME	2945-164-08-023
RALPH W. ERSKINE & MARY ANNE FLEETWOOD	419 WEST MAYFIELD DRIVE	SAME	2945-164-08-025
ANN P. JACOBS	401 EAST MAYFIELD DRIVE	405 WEST MAYFIELD DRIVE	2945-164-08-026

Prepared By:
Williams Engineering
1231 19 Road
Fruita, CO 81521
(970) 858-1014 Phone
(970) 858-1007 Fax

ITEM/REFERENCE NO. & DESCRIPTION OF WORK	UNITS	MAYS SUBDIVISION				WILLOW RIDGE SUBDIVISION	MISC.	TOTAL QUANTITY
		SHEET 4	SHEET 5	SHEET 6	SHEET 7			
20.1 Construct SDR 35 PVC sanitary sewer. Support...	LF	164	518	310	365	944	--	2301
22.1 Construct sanitary sewer MH. Use standard pipe...								
- ≤ 8' Depth	EA	--	--	--	--	3	--	3
- 8-12' Depth	EA	1	3	1	1	6	--	7
- > 12' Depth	EA	--	--	--	--	1	--	1
22.2 Construct drop MH connection and provide fill...	EA	--	1	--	--	--	--	1
22.6 Construct new MH over existing sewerline. (≤ 8', 5' dia.)	EA	--	--	--	--	1	--	1
23.1 Construct sanitary sewer service and tap to the...								
- Mays Subdivision: Complete sewer service	LF	141	213	459	224	--	--	1037
- Willow Ridge Subdivision: Full body pipe and tap only	EA	--	--	--	--	14	--	14
80.1 Excavate bedrock.								
- Within top 1.5 foot of bedrock	CY	--	--	--	--	--	75	75
- Below top 1.5 foot of bedrock	CY	--	--	--	--	--	35	35
81.1 Concrete trench below required building co...	TON	--	--	--	--	--	50	50
82.1 Furnish and install pit run backfill material as directed...	TON	--	--	--	--	--	100	100
83.2 Provide flexible fill trench backfill per Supplemental...	CY	--	--	--	--	--	10	10
201.1 Clear, grub, remove, and dispose of all trees...	LS	--	--	--	--	--	1	1
202.37 Remove concrete pan.	SY	28	--	--	--	--	--	28
202.41 Remove asphalt pavement as shown.	SY	30	907	630	408	20	--	1995
202.42 Remove asphalt pavement as required for...	SY	27	--	--	--	--	--	27
202.72 Remove landscaping.	LS	--	--	--	--	--	1	1
202.78 Remove rock wall as required for construction.	LS	--	--	1	--	--	--	1
202.91 Remove concrete ditch.	LS	--	--	--	1	--	--	1
208.1 Provide water and dust control.	LS	--	--	--	--	--	1	1
210.19 Coordinate relocation gas service as required for...	LS	1	--	--	--	--	--	1
210.27 Remove and reset mailbox.	EA	--	3	2	2	--	--	7
210.31 Remove and reset traffic sign.	EA	--	--	--	1	--	--	1
210.58 Remove and reset fence as required for...	LF	13	--	--	--	--	--	13
212/213.3 Restore landscaping, including sod where...	LS	--	--	--	--	--	1	1
300/400.1 Construct base course and pavement...	SY	30	907	630	408	20	--	1995
300/400.8 Replace aggregate base course and asphalt...	SY	27	--	--	--	--	--	27
304.3 Provide 8 inch thick Class 9 ABC replacement...	SY	71	--	--	--	--	--	71
304.7 Provide 3" thick No. 6 (CDOT Table 703-1) coarse...	SY	--	88	10	160	--	--	258
609.1 Construct concrete valley pan gutter.	SY	28	--	--	--	--	--	28
609.9 Replace border curbing as required for construction.	LF	--	--	23	--	--	--	23
626.1 Provide construction surveying and red-line plans...	LS	--	--	--	--	--	1	1
626.1 Provide all mobilization, bonds, insurances, and...	LS	--	--	--	--	--	1	1
626.1 Provide traffic control in accordance with General...	LS	--	--	--	--	--	1	1
1024.1 Install sanitary sewer cleanout.	EA	--	--	2	--	--	--	2
1103.1 Replace rock wall. (Pay limit is 8' beyond sewerline).	LF	--	--	10	--	--	--	10
1997.1 Provide newsletters per Special Conditions.	LS	--	--	--	--	--	--	1
1998.1 Provide project signs per Special Conditions.	LS	--	--	--	--	--	--	1

REVISION Δ _____	DATE _____
REVISION Δ _____	DATE _____
REVISION Δ _____	DATE _____



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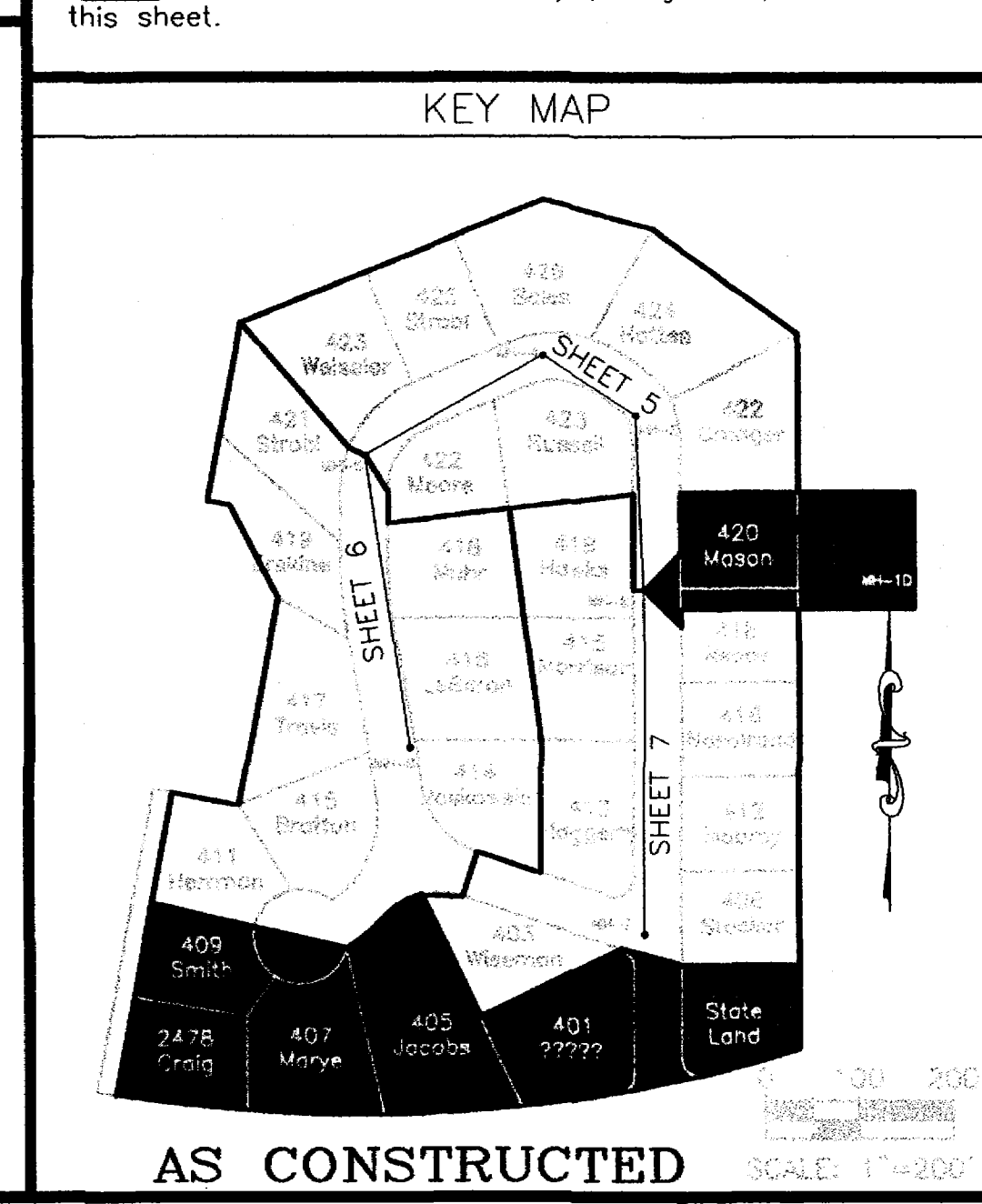
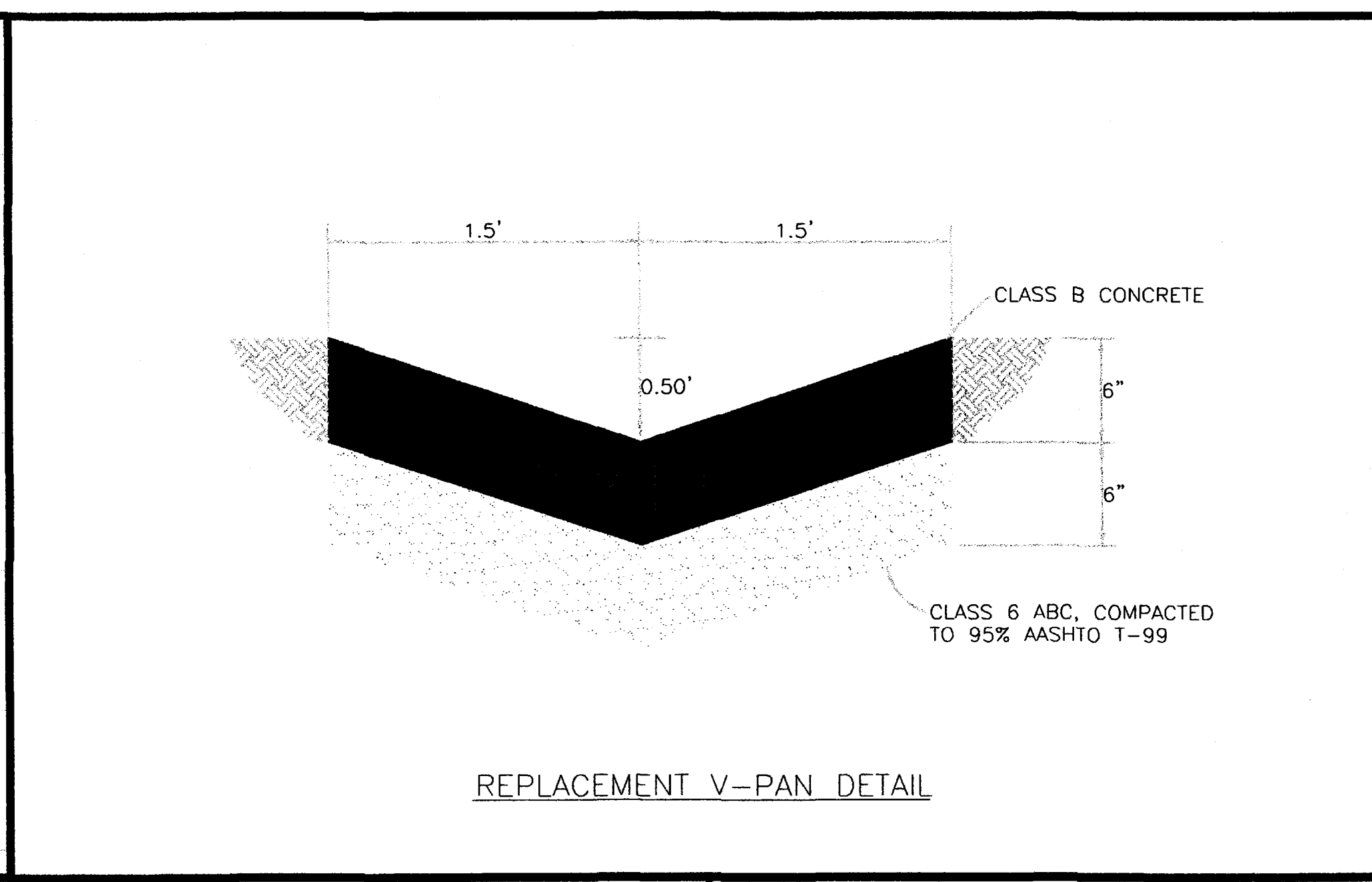
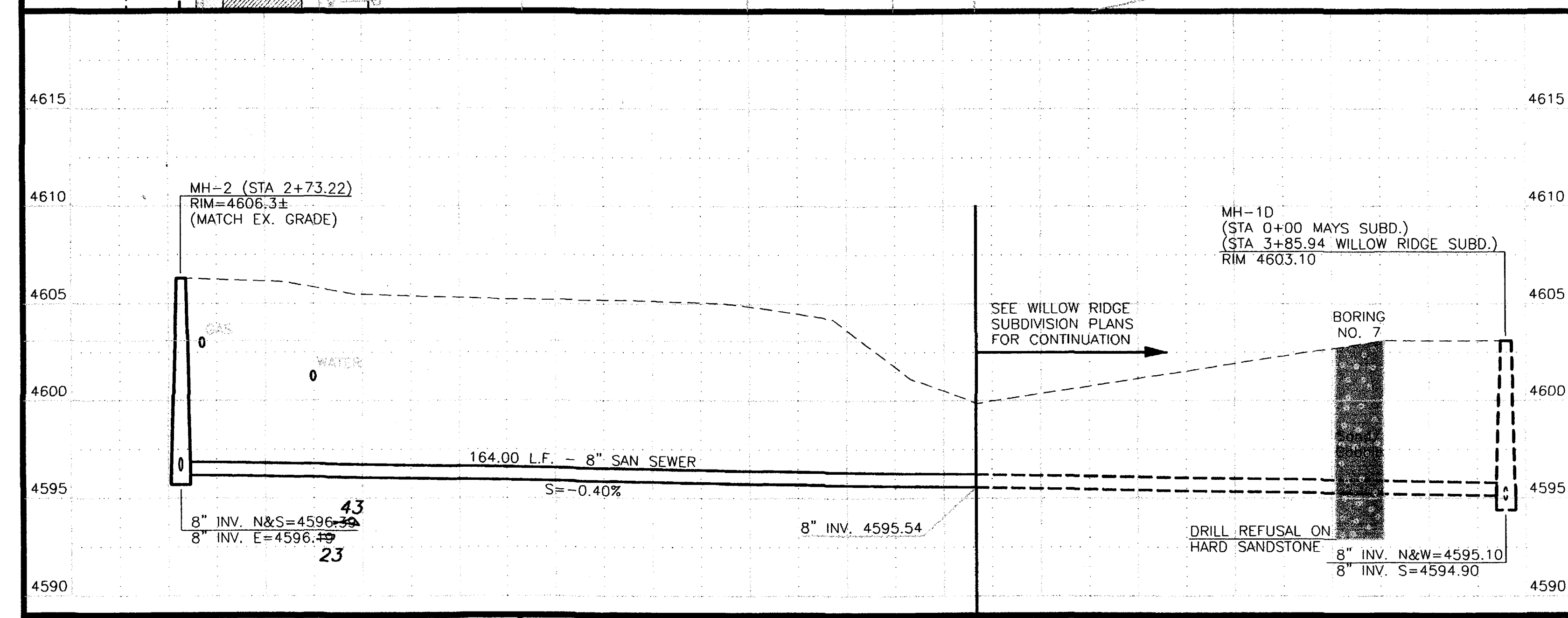
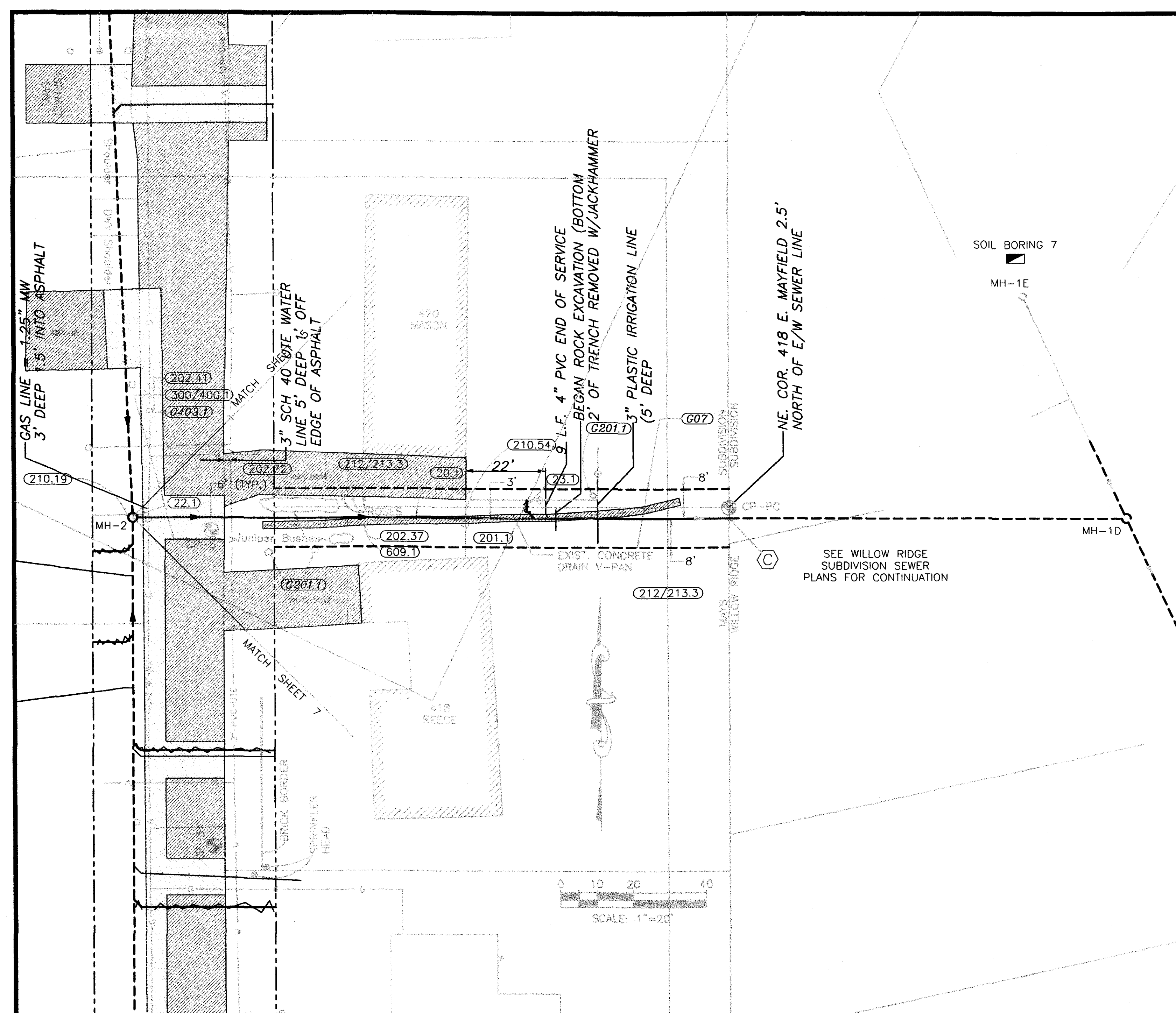
MAYS SUBDIVISION
 SANITARY SEWER IMPROVEMENT DISTRICT
 Quantities Summary

LIST OF COORDINATES

POINT NO.	NORTHING	EASTING	ELEVATION
CP-PC	5386.06	5140.50	4599.85
CP-3	5293.06	4998.48	4607.43
CP-5	5379.72	4998.11	4606.10
A	4842.71	4459.91	---
B	4945.52	4474.53	---
C	5383.16	5140.50	---
MH-1D	5383.16	5249.72	---
MH-2	5383.16	4976.50	---

CONSTRUCTION NOTES

- (G07) The proposed utility easement will be obtained by the City prior to construction.
- (201) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (221) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (231) Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
- (G23.9) Cover depth on existing sewerline is approximately 4'-4.5'.
- (201.1) Clear, grub, remove, and dispose of all trees, vegetation, and/or debris within the limits shown.
- (G201.1) Protect and save tree.
- (202.37) Remove concrete pan.
- (202.41) Remove asphalt pavement as shown.
- (202.42) Remove asphalt pavement as required for construction. (Limit of pay is 6' beyond any sewerline).
- (202.72) Remove landscaping.
- (210.19) Coordinate relocation gas service as required for construction.
- (210.54) Remove and reset fence as required for construction.
- (212/213.3) Restore landscaping, including sod where removed, irrigation systems, and other features.
- (300/400.1) Construct base course and pavement structure per Special Provisions.
- (300/400.8) Replace aggregate base course and asphalt pavement. Match existing thickness.
- (304.3) Provide 6 inch thick Class 6 ABC replacement surface course. (Pay limit is 6 feet beyond sewerline).
- (G403.1) Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.
- (609.1) Construct concrete valley pan gutter per detail this sheet.



REVISION	DESCRIPTION	DATE
AS CONSTRUCTED PER I.P.		

SCALE	PLAN	PROFILE
SCALE VARIES - SEE INDIVIDUAL VIEWS	HORIZ. _____	HORIZ. _____
	VERT. _____	

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MAYS SUBDIVISION
 SANITARY SEWER IMPROVEMENT DISTRICT
 E. Mayfield Drive Plan & Profile

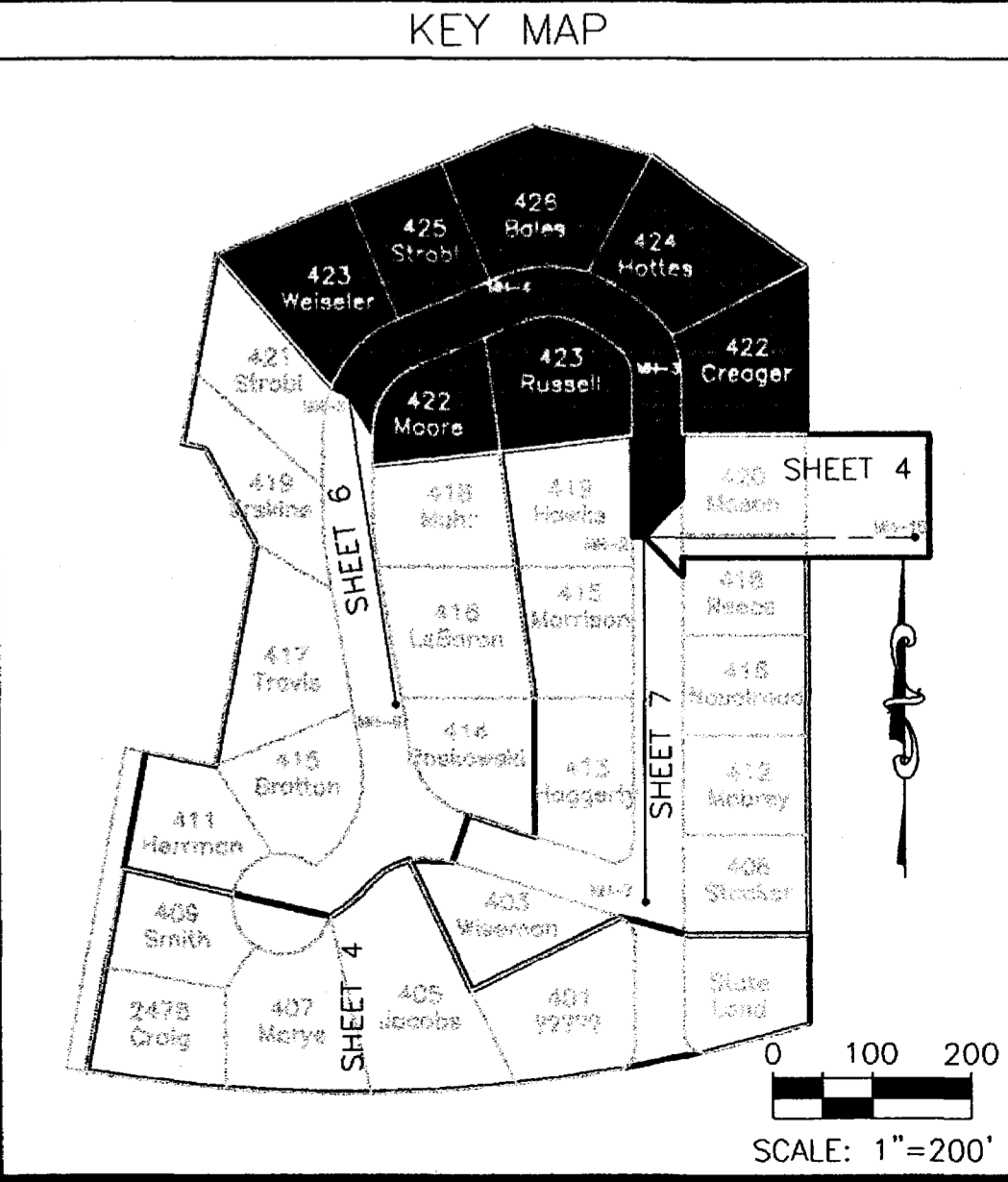
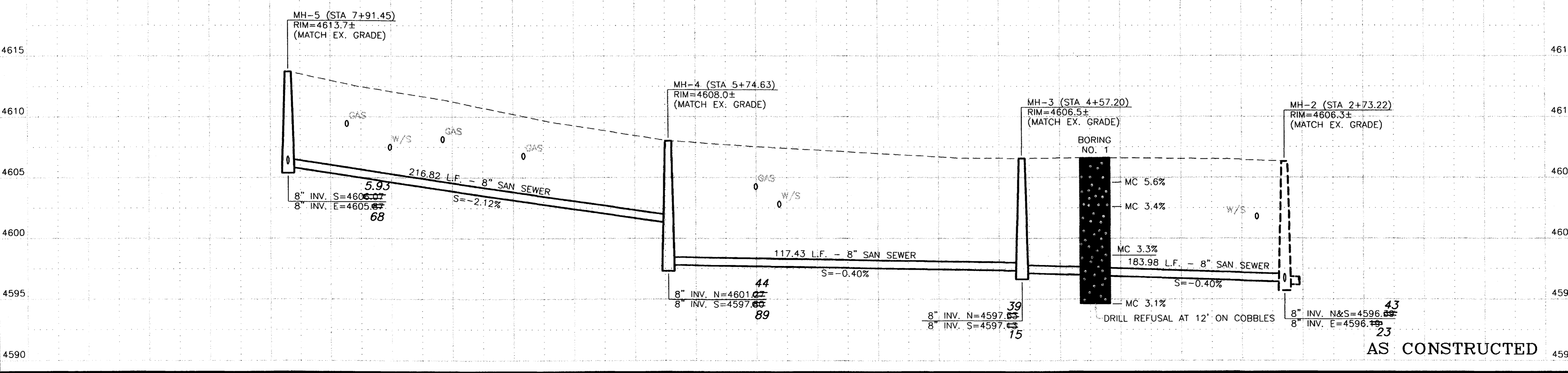
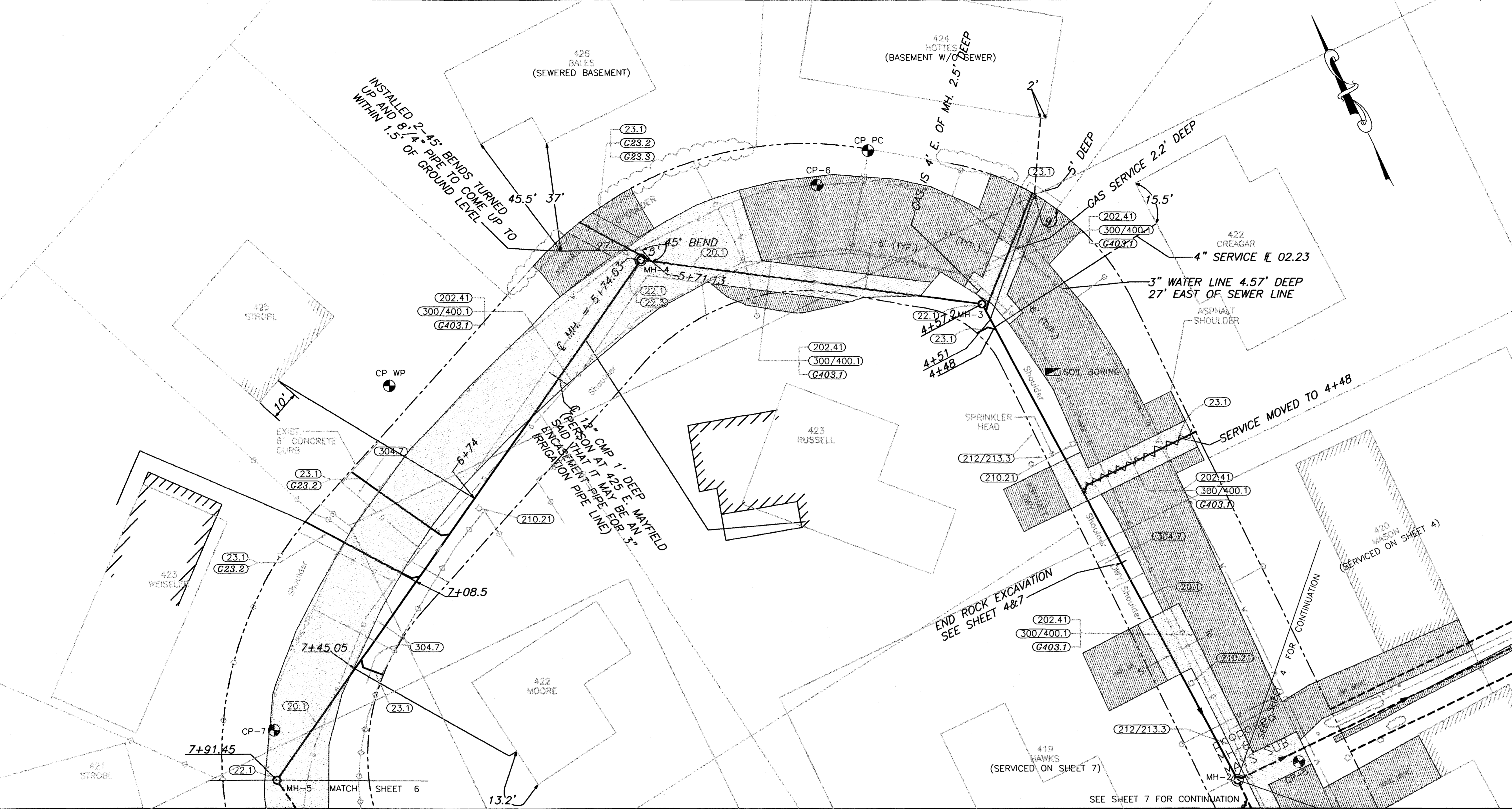
SHEET 4 OF 8
 FILENAME MAYS-04.DWG

LIST OF COORDINATES

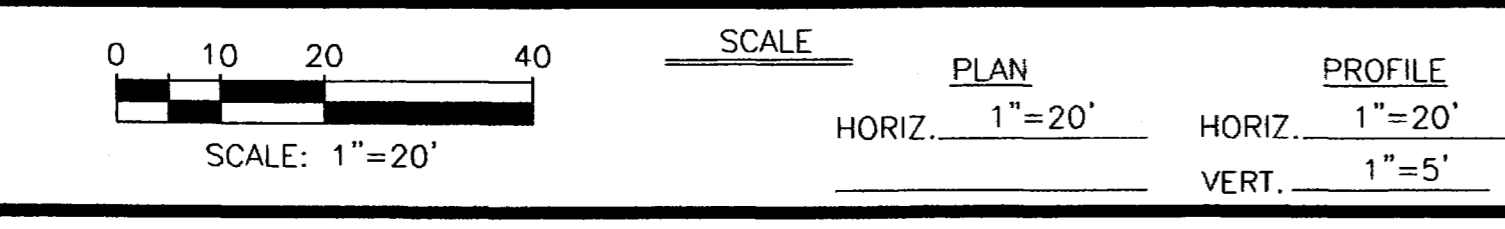
POINT NO.	NORTHING	EASTING	ELEVATION
CP-5	5379.72	4998.11	4606.10
CP-6	5627.80	4935.37	4606.84
CP-7	5540.60	4687.27	4613.27
CP PC	5630.74	4956.19	4606.58
CP WP	5629.50	4774.15	4609.98
MH-2	5383.16	4976.50	---
MH-3	5566.97	4968.61	---
MH-4	5630.72	4869.99	---
MH-5	5524.97	4680.71	---

CONSTRUCTION NOTES

- (20.1) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (22.1) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (22.3) Construct drop MH connection and provide MH corrosion protection per Special Provisions.
- (23.1) Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
- (G23.2) Construct this sewer tap at 1.0% slope.
- (G23.3) This service tap shall enter the sewerline from the side instead of the top of the sewer main.
- (202.41) Remove asphalt pavement as shown.
- (210.21) Remove and reset mailbox.
- (212/213.3) Restore landscaping, including sod where removed, irrigation systems, and other features.
- (300/400.1) Construct base course and pavement structure per Special Provisions.
- (304.7) Provide 3" thick No. 6 (CDOT Table 703-1) coarse aggregate replacement surface course (pay limit is 6 feet beyond sewerlines).
- (G403.1) Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.



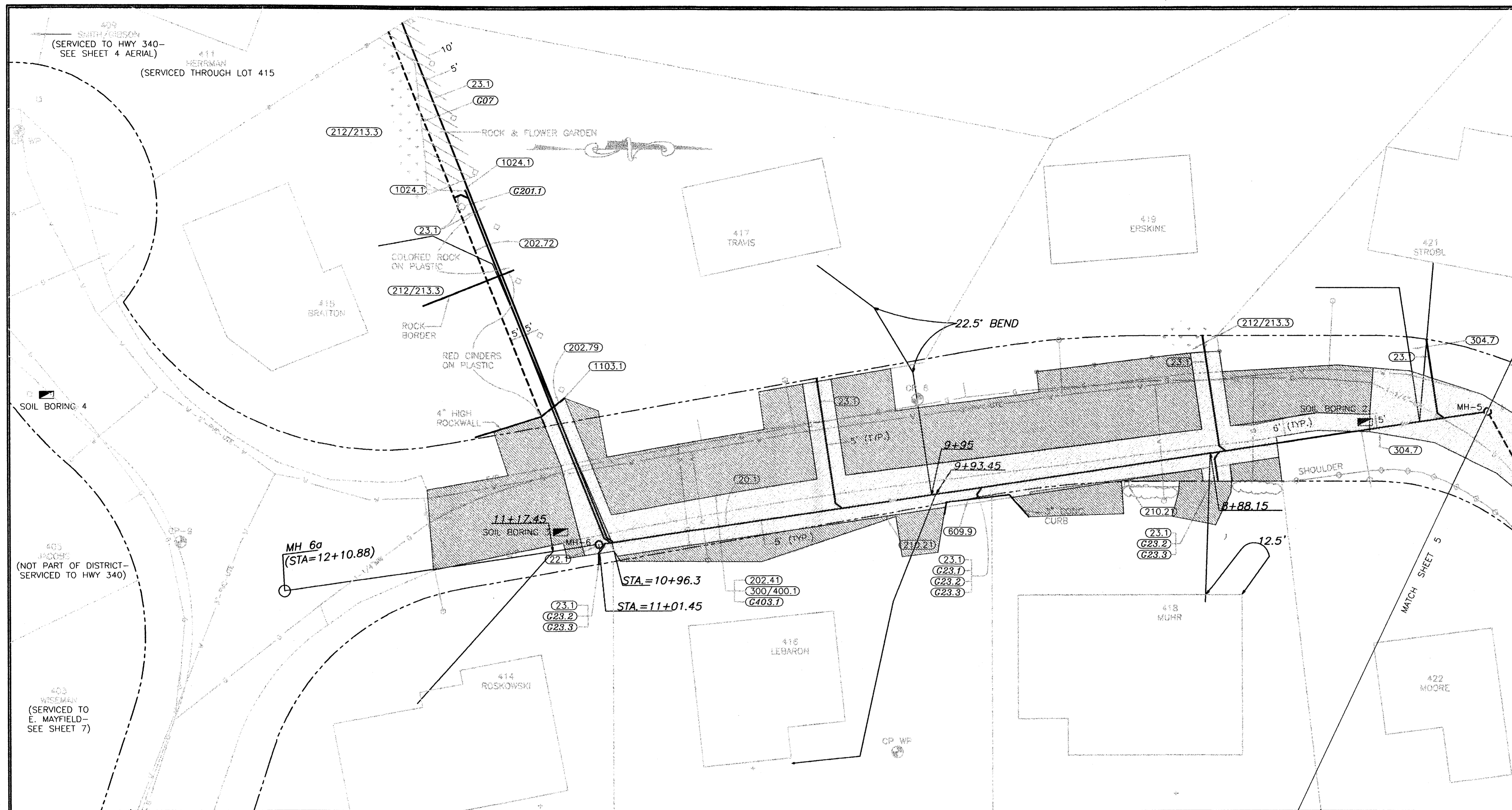
REVISION	DESCRIPTION	DATE
AS BUILT PER CONTRACTOR		
PLANS		1/29/97



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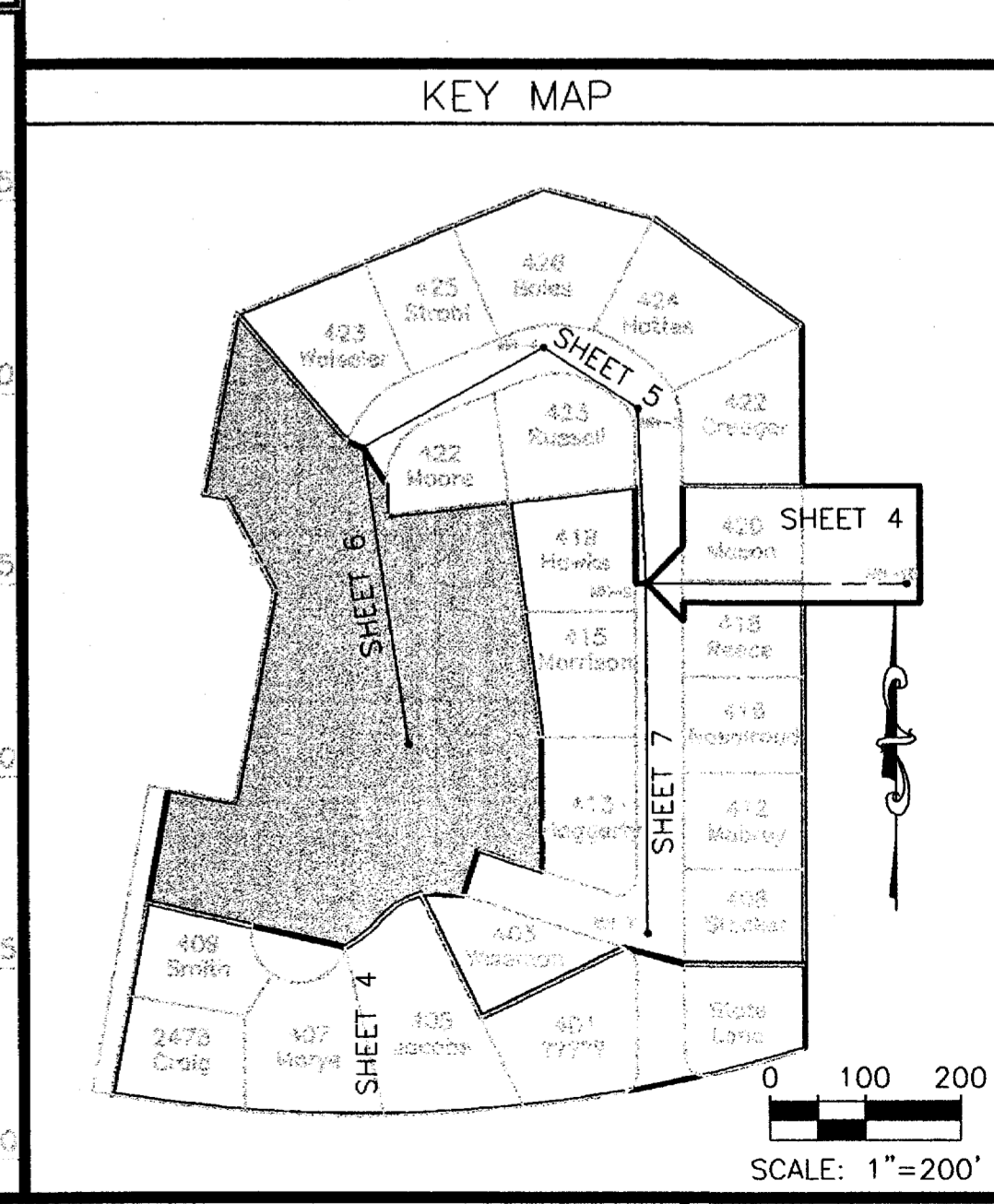
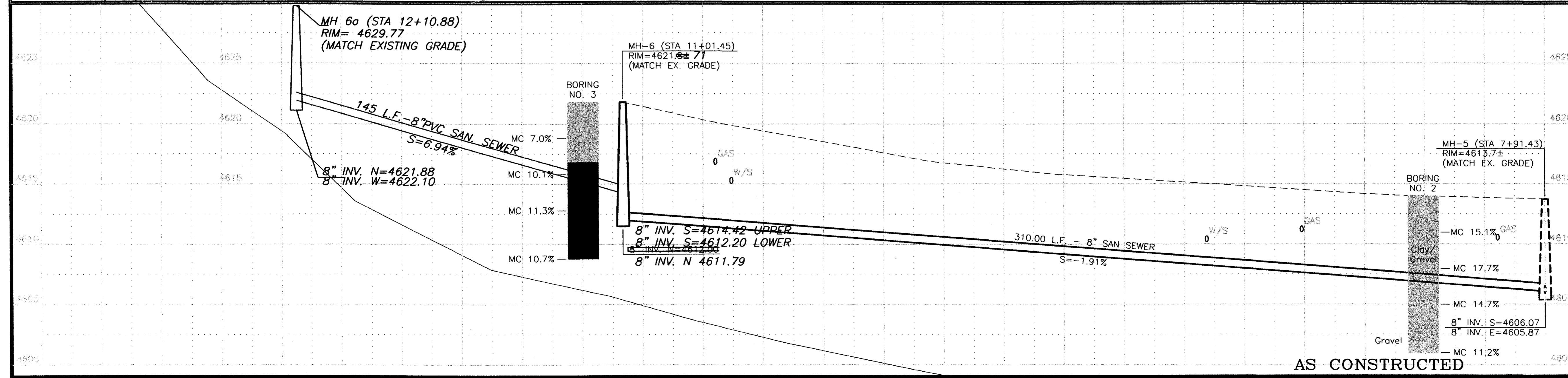
MAYS SUBDIVISION
 SANITARY SEWER IMPROVEMENT DISTRICT
 E. & W. Mayfield Drive Plan & Profile

SHEET 5 OF 8
 FILENAME: MAYS-05.DWG

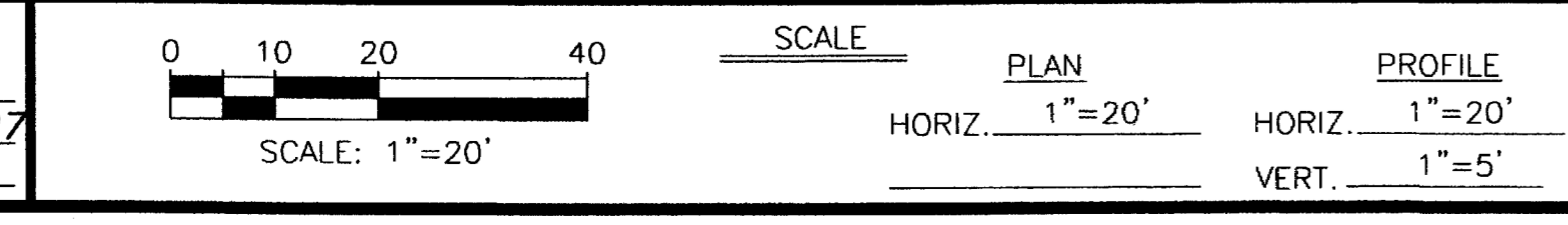


LIST OF COORDINATES			
POINT NO.	NORTHING	EASTING	ELEVATION
CP 8	5328.36	4676.34	4617.35
CP 9	5074.13	4725.79	4633.57
CP WP	5321.00	4797.85	4613.48
MH-5	5524.97	4680.71	---
MH-6	5218.38	4726.52	---

- CONSTRUCTION NOTES**
- G07** The proposed utility easement will be obtained by the City prior to construction.
 - G20.1** Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
 - G22.1** Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
 - G23.1** Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
 - G23.1** Extend sewer service beyond the property line as shown.
 - G23.2** Construct this sewer tap at 1.0% slope.
 - G23.3** This service tap shall enter the sewerline from the side instead of the top of the sewer main.
 - G201.1** Protect and save tree.
 - G202.41** Remove asphalt pavement as shown.
 - G202.72** Remove landscaping.
 - G202.79** Remove rock wall as required for construction.
 - G210.21** Remove and reset mailbox.
 - G212/213.3** Restore landscaping, including sod where removed, irrigation systems, and other features.
 - G300/400.1** Construct base course and pavement structure per Special Provisions.
 - G304.7** Provide 3" thick No. 6 (CDDT Table 703-1) coarse aggregate replacement surface course (pay limit is 6 feet beyond sewerlines).
 - G403.1** Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.
 - G609.9** Replace border curbing as required for construction.
 - G1024.1** Install sanitary sewer cleanout.
 - G1103.1** Replace rock wall. (Pay limit is 6 feet beyond sewer service).



REVISION	DESCRIPTION	DATE
AS BUILT PER CONTRACTORS		
INFO		1/30/97



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MAYS SUBDIVISION
 SANITARY SEWER IMPROVEMENT DISTRICT
 W. Mayfield Drive Plan & Profile

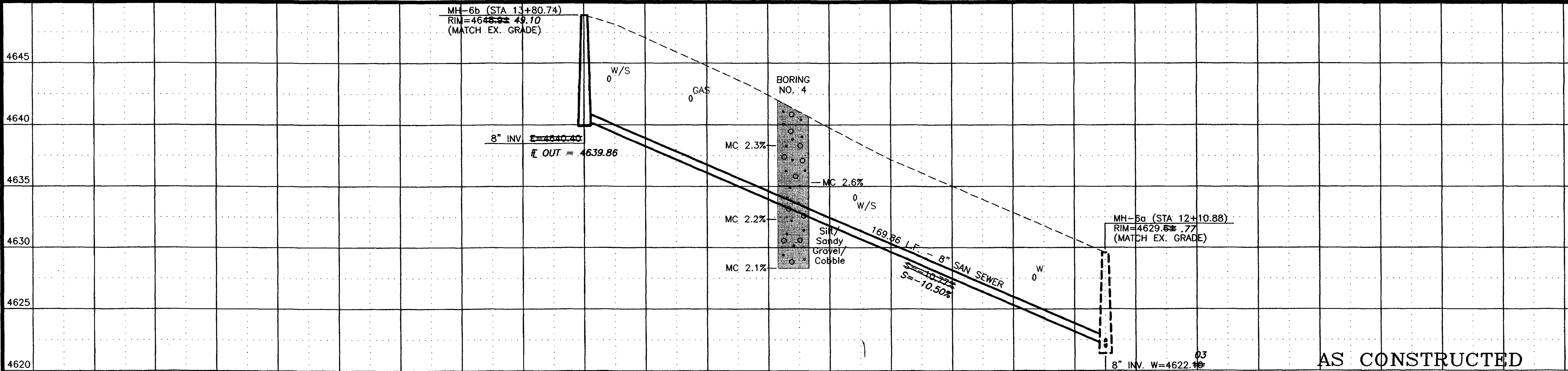
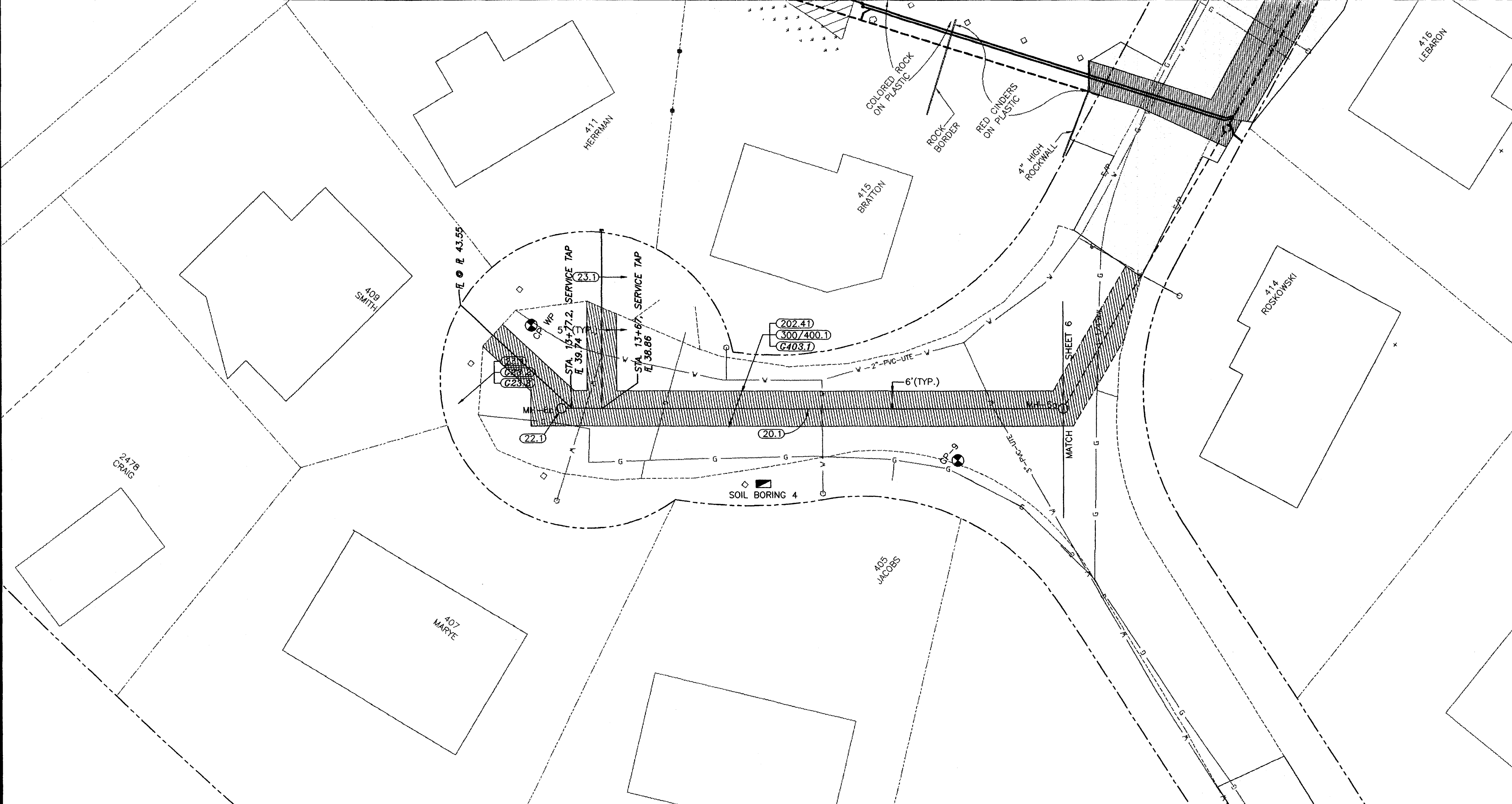
SHEET 6 OF 8
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LIST OF COORDINATES

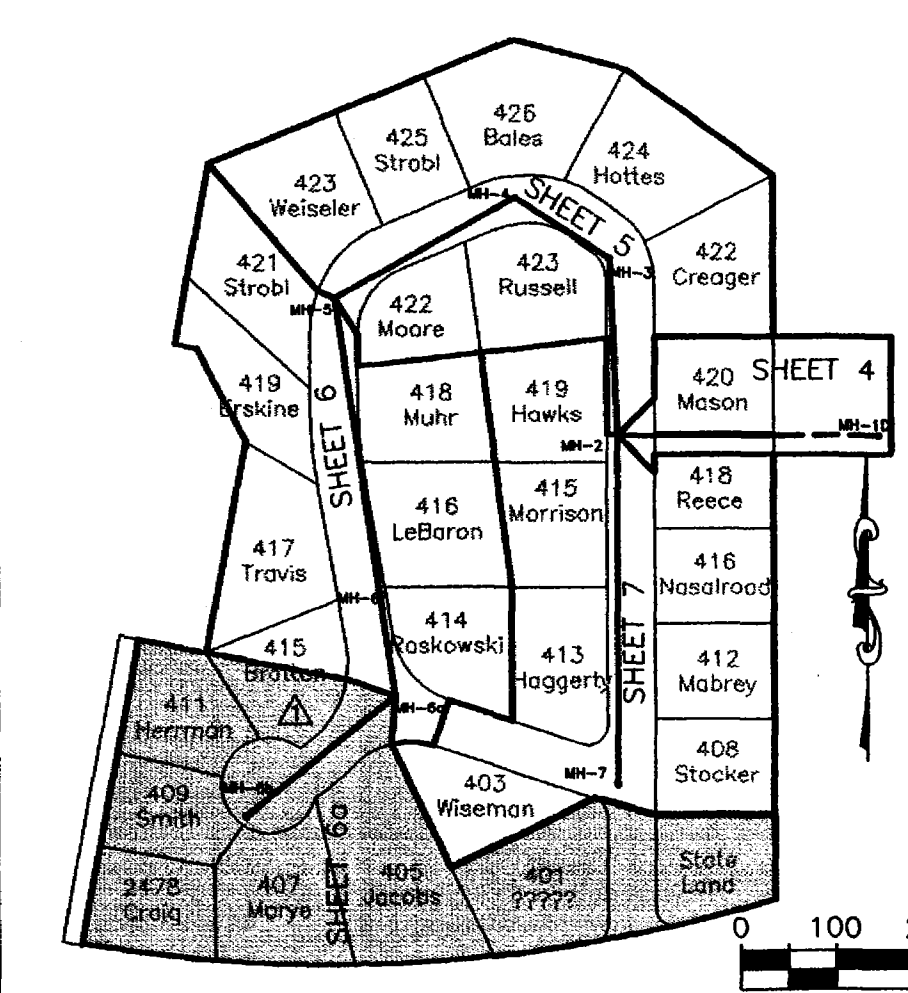
POINT NO.	NORTHING	EASTING	ELEVATION
CP 9	5074.13	4725.79	4633.57
CP WP	5018.84	4584.98	4650.39
MH-6a	5110.13	4742.69	---
MH-6b	5003.20	4610.72	---

CONSTRUCTION NOTES

- (20.1) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (22.1) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (23.1) Construct sanitary sewer service and tap to the property line or edge of prescriptive ROW. Tap location shown is approximate only. Contractor shall coordinate with homeowner to determine desired tap location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
- (G23.2) Construct this sewer tap at 1.0% slope.
- (G23.3) This service tap shall enter the sewerline from the side instead of the top of the sewer main.
- (202.41) Remove asphalt pavement as shown.
- (300/400.1) Construct base course and pavement structure per Special Provisions.
- (C403.1) Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.



KEY MAP



REVISION	DESCRIPTION	DATE

SCALE: 1"=20'

SCALE: 1"=5'

HORIZ. 1"=20'

VERT. 1"=5'

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MAYS SUBDIVISION
 SANITARY SEWER IMPROVEMENT DISTRICT
 Mayfield Court Plan & Profile

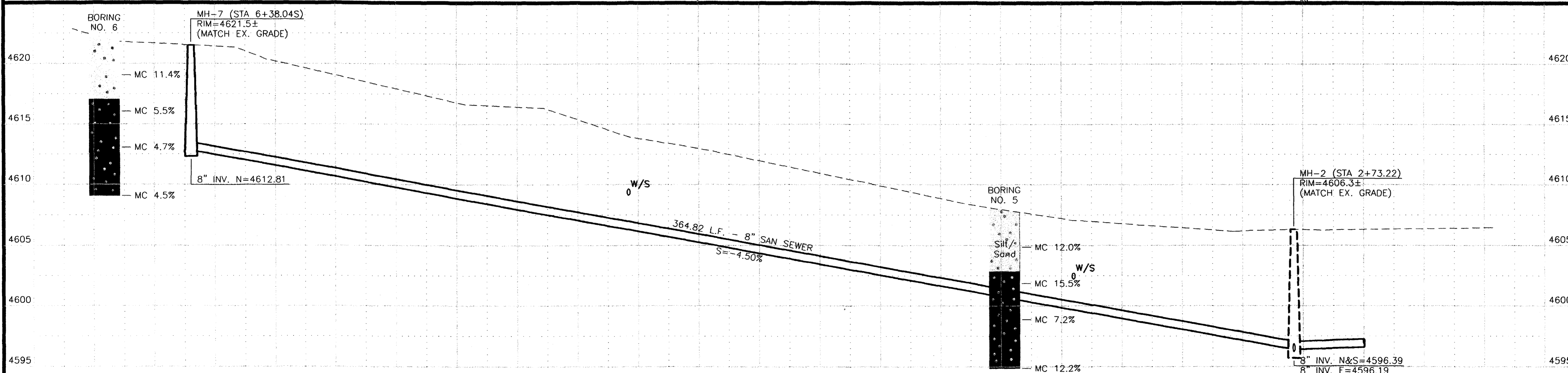
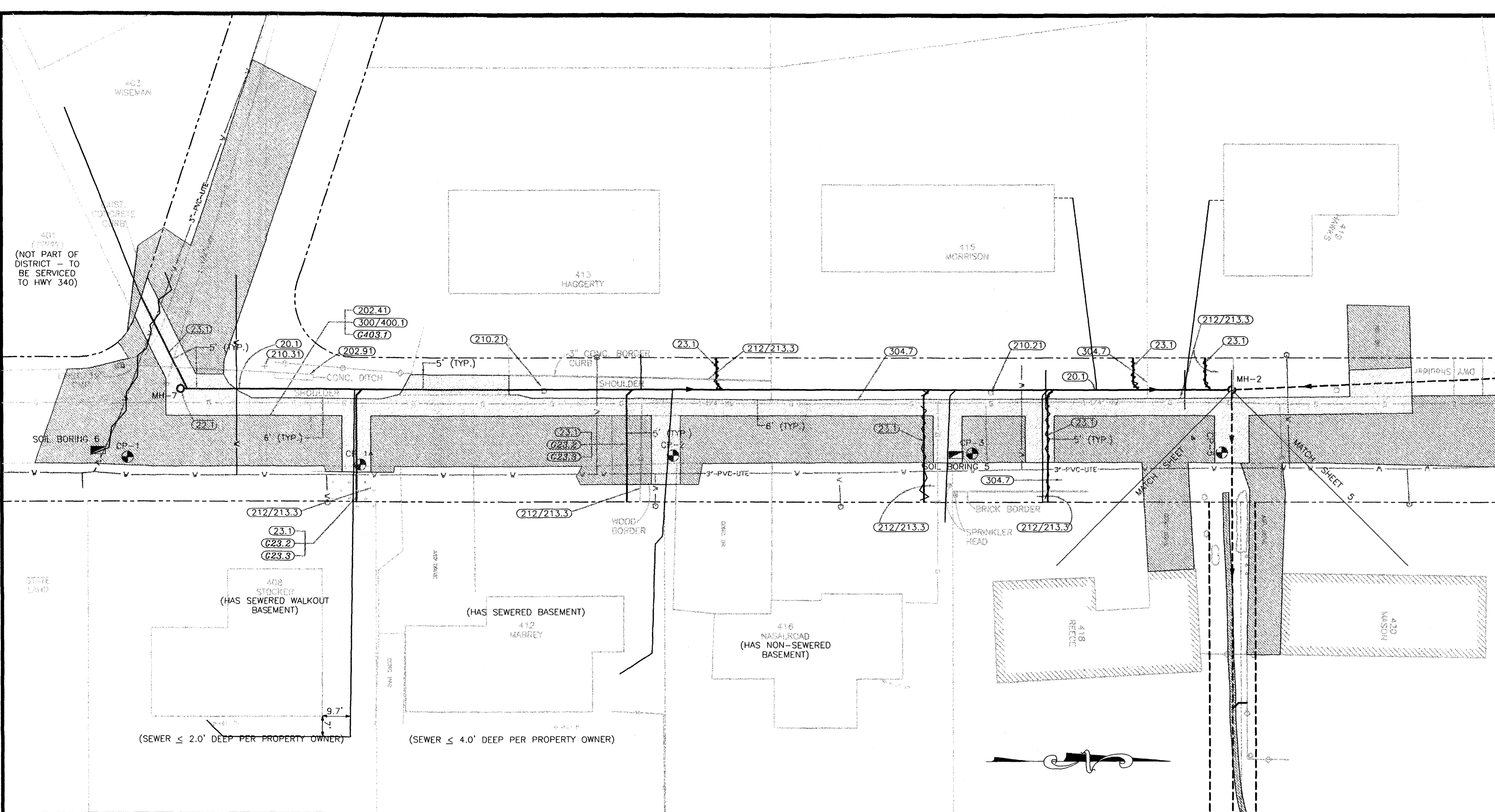
SHEET 6a OF 8
 FILENAME MAYS-06A.DWG

LIST OF COORDINATES

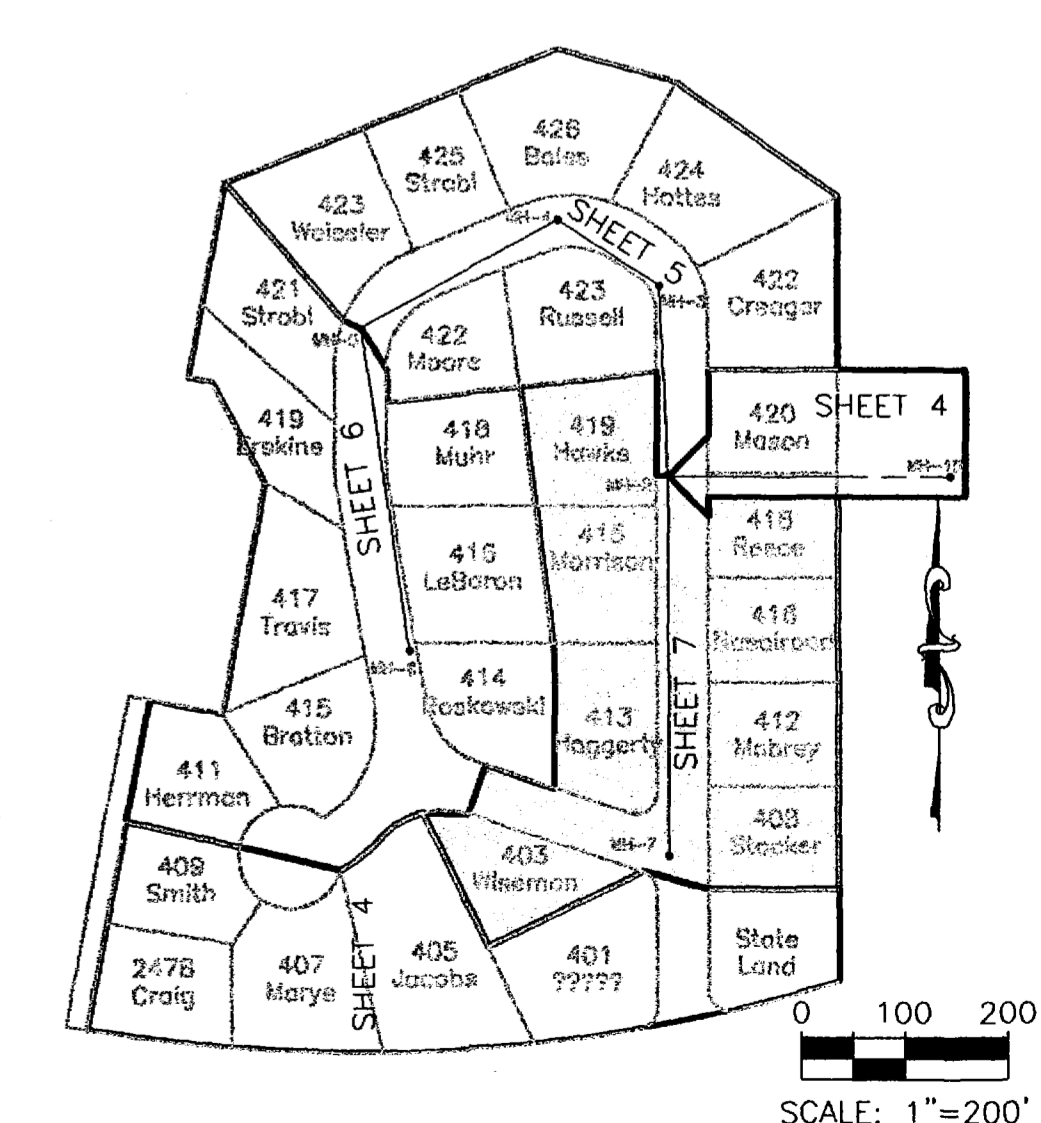
POINT NO.	NORTHING	EASTING	ELEVATION
CP-1	5000.00	5000.00	4622.10
CP 1A	5080.76	5002.52	4617.75
CP-2	5189.22	4999.33	4612.42
CP-3	5293.06	4998.48	4607.43
CP-5	5379.72	4998.11	4606.10
MH-2	5383.16	4976.50	---
MH-7	5018.34	4976.50	---

CONSTRUCTION NOTES

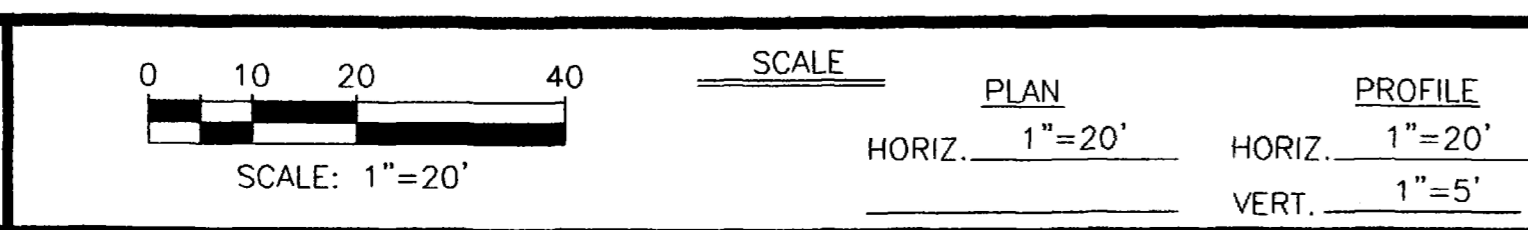
- (20.1) Construct SDR 35 PVC sanitary sewer. Support crossing utilities as required.
- (22.1) Construct sanitary sewer MH. Use standard pipe termination at MH wall and benching.
- (23.1) Construct sanitary sewer service and top to the property line or edge of prescriptive ROW. Top location shown is approximate only. Contractor shall coordinate with homeowner to determine desired top location. Contractor shall provide as-constructed locations for all taps. Taps and service lines shall be 4 inches and capped and marked unless noted otherwise. Support crossing utilities as required.
- (G23.2) Construct this sewer tap at 1.0% slope.
- (G23.3) This service tap shall enter the sewerline from the side instead of the top of the sewer main.
- (202.41) Remove asphalt pavement as shown.
- (202.91) Remove concrete ditch.
- (210.21) Remove and reset mailbox.
- (210.31) Remove and reset traffic sign.
- (212/213.3) Restore landscaping, including sod where removed, irrigation systems, and other features.
- (300/400.1) Construct base course and pavement structure per Special Provisions.
- (304.7) Provide 3" thick No. 6 (CDOT Table 703-1) coarse aggregate replacement surface course (pay limit is 6 feet beyond sewerlines).
- (403.1) Pavement removed outside of dark-shaded areas shall be replaced at the contractor's expense.



KEY MAP



REVISION	DESCRIPTION	DATE



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MAYS SUBDIVISION
 SANITARY SEWER IMPROVEMENT DISTRICT
 E. Mayfield Drive Plan & Profile

SHEET 7 OF 8
 FILENAME
 MAYS-07.DWG