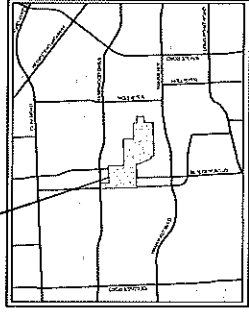
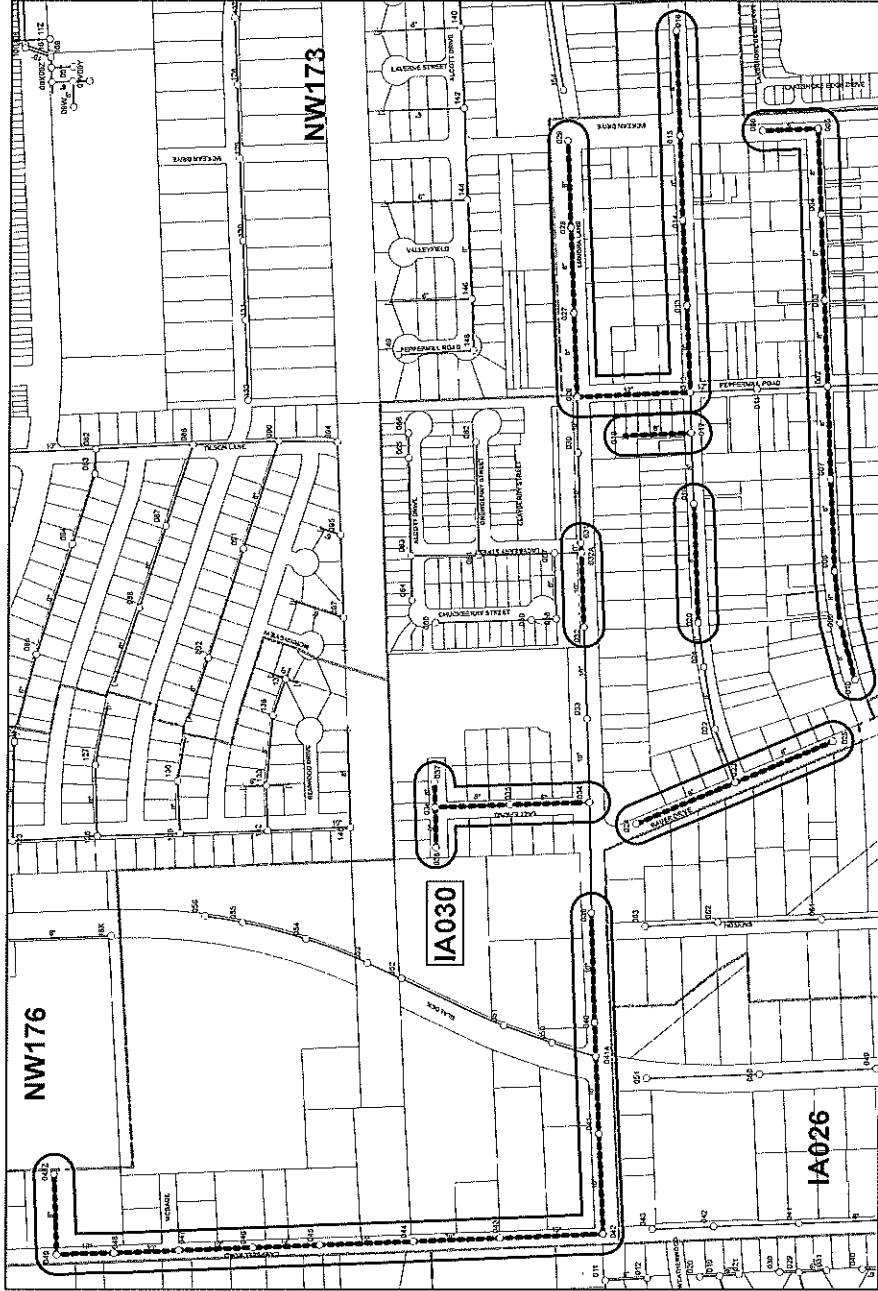


20ww0854

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation by Slipling and Pipe Bursting Methods
Subdivision: SPRING BRANCH ESTATES
Council District: A



DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH
CANARY CREEK REHABILITATION BY SLIPLING AND PIPE BURSTING METHODS WORK ORDER DRAWING
WW FILE NO. 4257-145
WORK ORDER NO. 01
WB NO. R-00265-0221-4
OUTLINE AGREEMENT NO. 4600072865
COLLECTION SYSTEM OPERATIONS SECTION
COLLECTION SYSTEM OPERATIONS CHECK
COLLECTION SYSTEM OPERATIONS REVIEW
CITY OF HOUSTON PROJECT LOCATION: 14500 P. QUADRANT

DATE: 11-1-2009	BY: [Signature]
PROJECT NO. 14500 P	QUADRANT: NW
KEY MAP: 4500 P	TILE NUMBER: 5058a
P MAP: P3088	

CONTRACTOR: Beckman, LLC
131 N. Kirby Parkway, TX 77060
PHONE NO. (832)555-6800
FAX NO. (832)555-2120

QUALITY CONTROL: [Signature]
200 Bay Street
PHONE NO. (713)477-5213
FAX NO. (713)477-5277



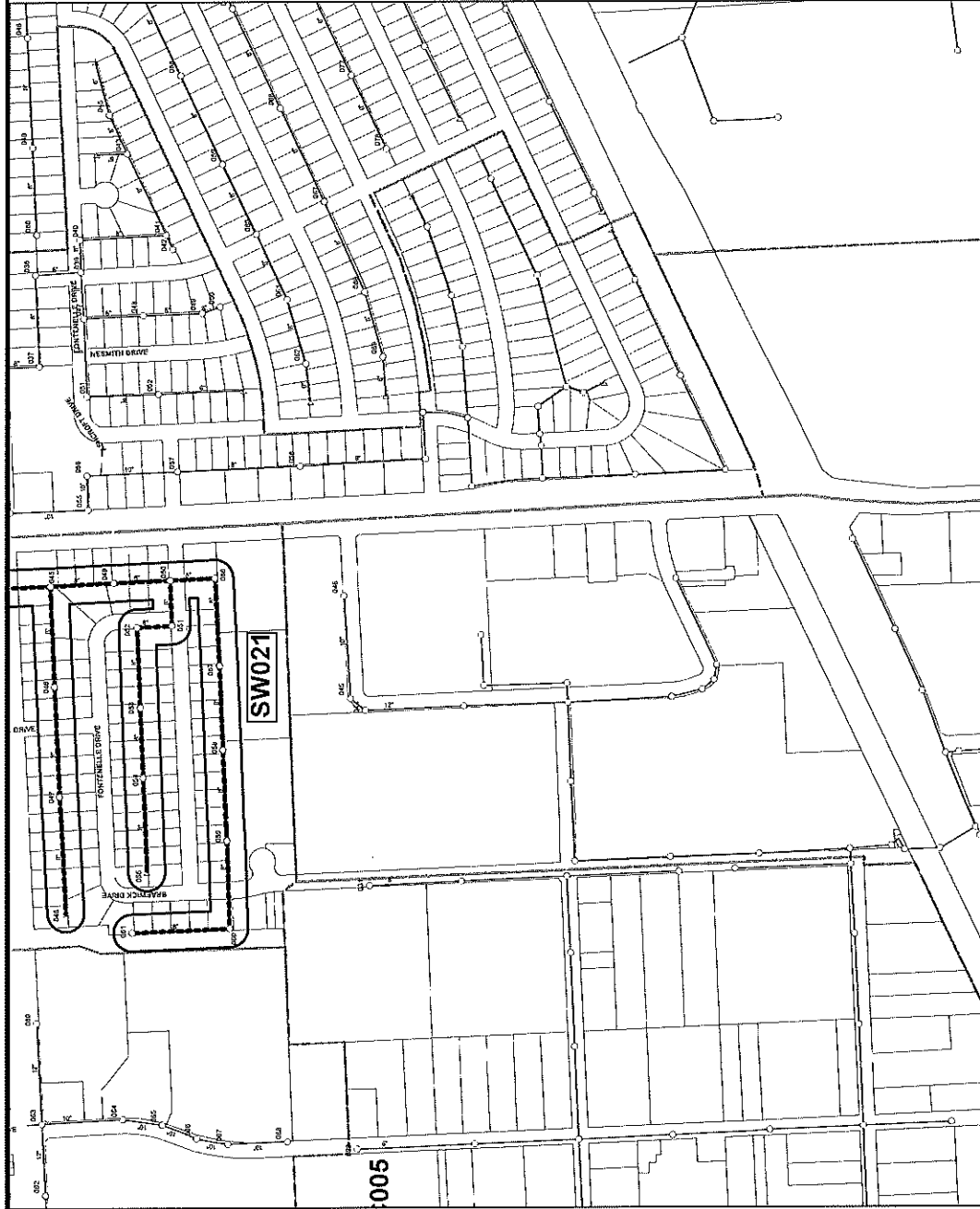
GENERAL NOTES:
1. EXACT LOCATION, AMOUNT, DATE, SIZE AND DEPTH OF
SLEPPING AND PIPE BURSTING METHODS SHALL BE PER FIELD
TO WHICH METHODS IS TAKEN REGARDLESS TO AN INITIAL DATE. USE NOTIFIED
2. COLOR AND PHOTOGRAPHY SHALL BE TAKEN OF THE ENTIRE
3. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CITY OF HOUSTON

LEGEND

UPPER PART OF DASHED LINE INDICATES
EXISTING SEWER LINE
LOWER PART OF DASHED LINE INDICATES
PROPOSED SEWER LINE
DOTTED LINE INDICATES
PROPOSED SLEPPING AND PIPE BURSTING METHODS
BASIN AREA: IA030

NO.	REVISION DESCRIPTION	DATE

SEE SHEET 1 OF 2



LEGEND

BASIN AREA: SW021

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS DIVISION BY ASSESSING AND PIPE BUSTING METHODS WORK ORDER DRAWING
WW FILE NO. 4257445
WORK ORDER NO. 02
WBS NO. R-000286-0227-4
OUTLINE AGREEMENT NO. 4600012985
COLLECTION SYSTEM OPERATIONS SECTION
COLLECTION SYSTEM OPERATIONS CHECK
COLLECTION SYSTEM OPERATIONS REVIEW
CITY OF HOUSTON SUPERVISOR COUNCIL WASTEWATER DIVISION

DATE: 01/2018
SCALE: 1"=20'
DESIGNED BY: J. J. JACET
DRAWN BY: J. J. JACET

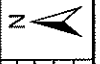
QUADRANT: NW
 KEY MAP: 570D.H65T1A.E
 TILE NUMBER: 5152c
 P MAP: P3103

CONTRACTOR:
 P&S Construction & Repair, LLC
 251 N. Houston
 HOUSTON, TX 77060
 PHONE NO. 832-220-8800
 FAX NO. 832-220-3120

QUALITY CONTROL LAB:
 Capital Testing Laboratories, Inc.
 700 ONE STREET
 HOUSTON, TX 77002
 PHONE NO. 713-877-5211
 FAX NO. 713-877-5211



GENERAL NOTES:
 1. VERIFY LOCATION, DIMENSIONS, ELEVATION, AND AREA WITH PROPERTY OWNER PRIOR TO CONSTRUCTION.
 2. AFTER NUMBER OF INSPECTIONS INDICATED BY CONTRACTOR SHALL BE NOTIFIED BY CONTRACTOR TO THE ENGINEER FOR APPROVAL.
 3. WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.
 4. WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.

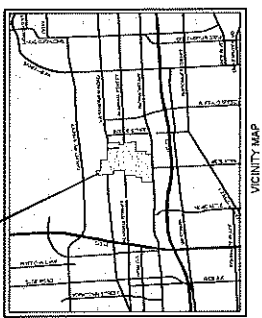
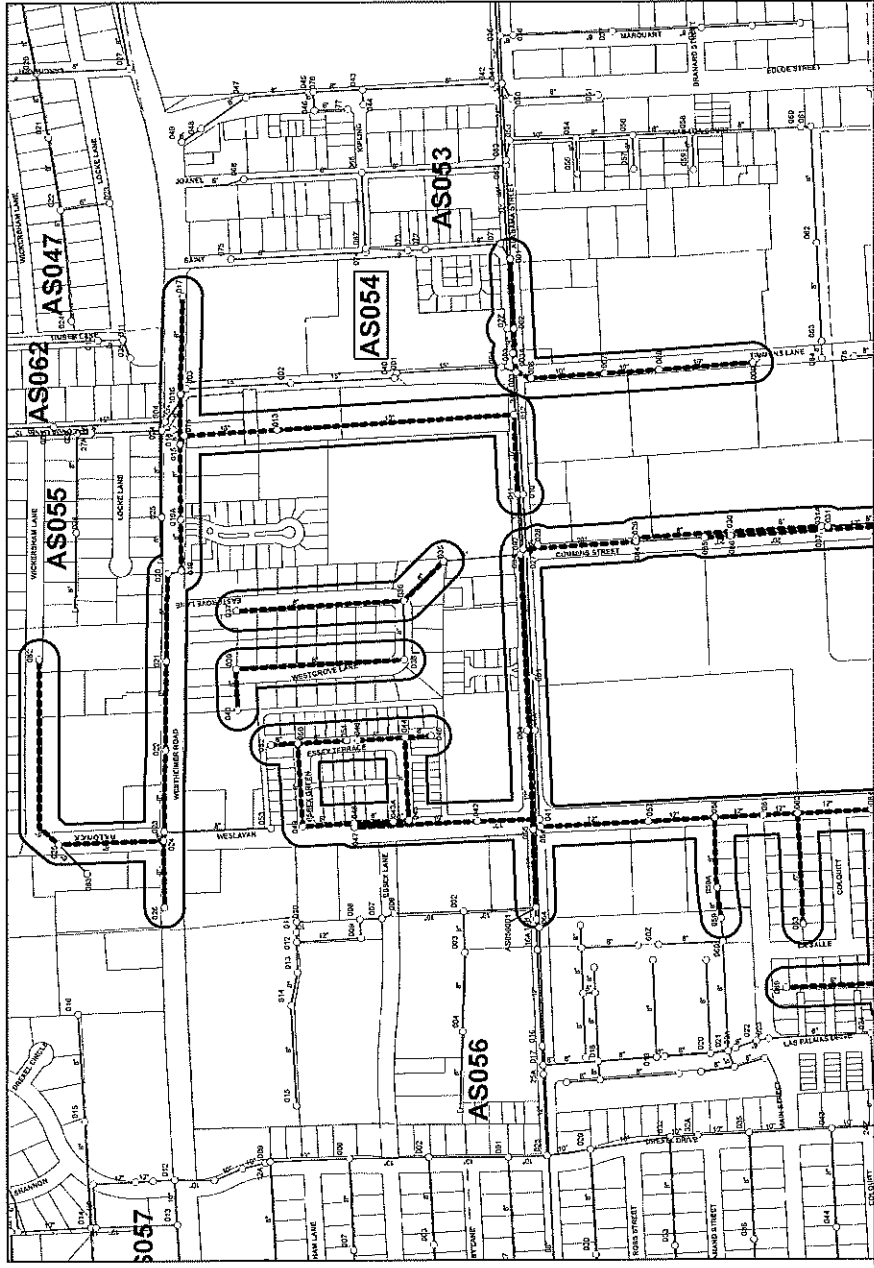


NO.	REVISION	DATE

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

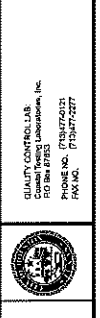
Sanitary Sewer Rehabilitation by Sliplining and Pipe Bursting Methods
Subdivision: WESTGROVE COURT
Council District: C.G



DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH BY SLIPLINING AND PIPE BURSTING METHODS WORK ORDER DRAWING
WORK ORDER NO. 03
WBI NO. R-000266-0221-4
OUTLINE AGREEMENT NO. 4600012695
COLLECTION SYSTEM OPERATIONS SECTION
COLLECTION SYSTEM OPERATIONS OFFICE
COLLECTION SYSTEM OPERATIONS REVIEW
CITY OF HOUSTON
INVESTIGATED BY: [Name]
DATE: [Date]
SCALE: 1" = 20'
DESIGNER: [Name]
SHEET NO. 1 OF 1 SHEET

CONTRACTOR: PH Construction & Repair, LLC 531 N. Hobby Road Houston, TX 77058 PHONE: (281) 465-4000 FAX: (281) 465-4100	QUADRANT: SW KEY MAP: 492S & 492W TITLE NUMBER: 5256a P. MAP: P-3119
--	---

QUALITY CONTROL LAB: Cousins Testing Laboratories, Inc. 10000 Katy Road Houston, TX 77058 PHONE: (281) 477-2277 FAX: (281) 477-2277	SEE SHEET 2 OF 2
--	------------------



GENERAL NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS FOR SANITARY SEWER REHABILITATION.
2. ALL MATERIALS SHALL BE APPROVED BY THE DISTRICT ENGINEER.
3. ALL MATERIALS SHALL BE TESTED AND APPROVED BY THE DISTRICT ENGINEER.
4. ALL MATERIALS SHALL BE TESTED AND APPROVED BY THE DISTRICT ENGINEER.
5. ALL MATERIALS SHALL BE TESTED AND APPROVED BY THE DISTRICT ENGINEER.

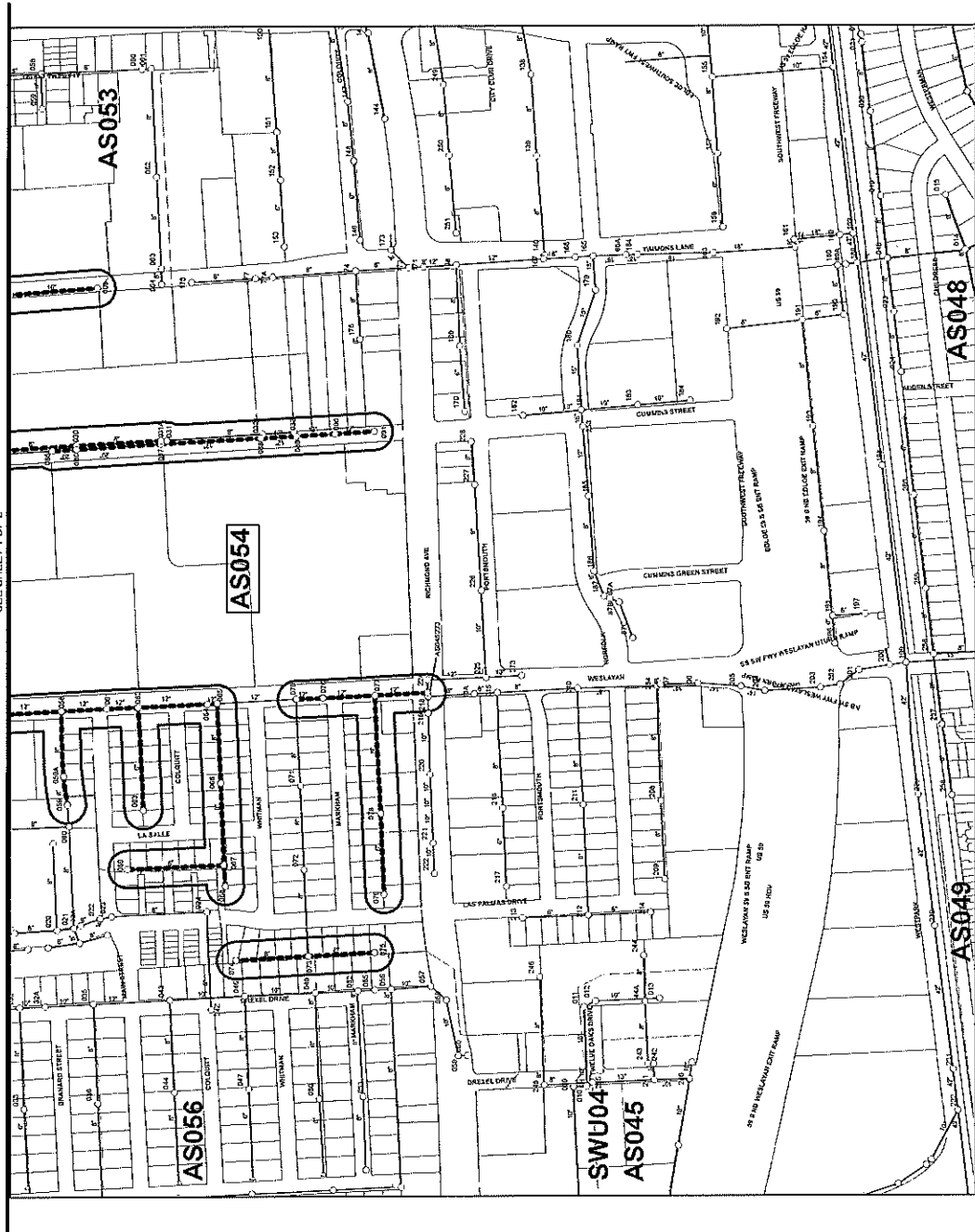
NO.	REVISION	DATE

NO.	REVISION	DESCRIPTION

LEGEND

Basin Area: AS054

SEE SHEET 1 OF 2.

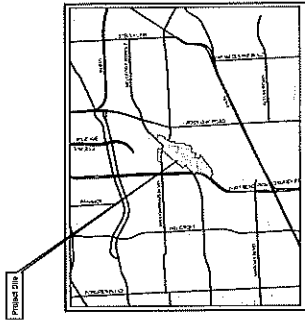
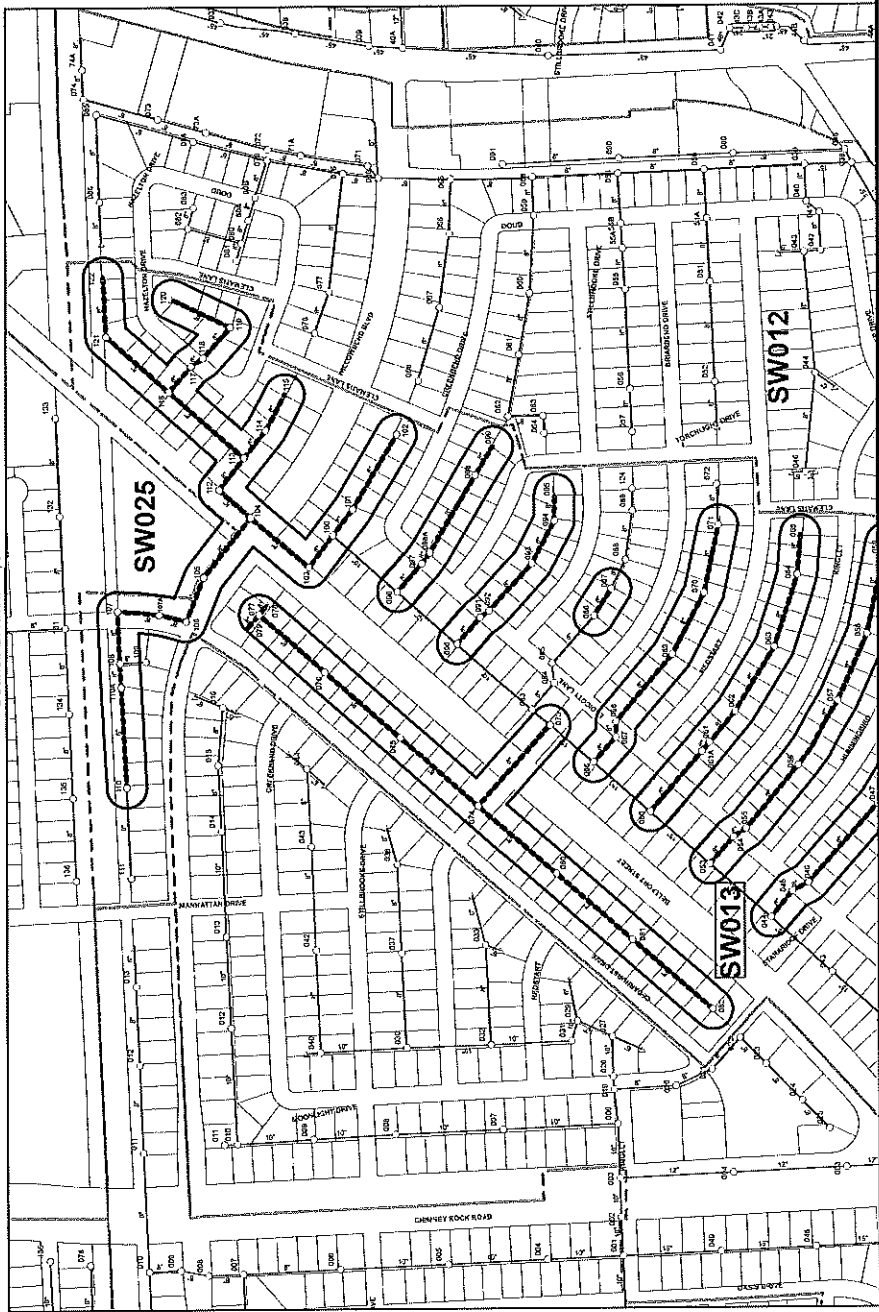


LEGEND

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation by Sliplining and Pipe Bursting Methods
Subdivision: WESTBURY
Council District: K.C.



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH
BY: S. SPANGLER AND D. B. BARNETT
WORK ORDER DRAWING
WW FILE NO. 4257-145
WORK ORDER NO. D4
WB NO. R-000265-0221-4
O/TIME AGREEMENT NO. 460012995
COLLECTION SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS OFFICE
COLLECTOR SYSTEM OPERATIONS REGION
CITY OF HOUSTON
WASTEWATER OPERATIONS BRANCH

DATE: 10/20/11
SCALE: 1" = 20'
DIB BY: BARNETT
SHEET NO. 1 OF 1 SHEET

QUADRANT: SW
KEY MAP: 571B & 531X,Y
TILE NUMBER: 51E3c
P-MAP: P3133

CONTRACTOR:
Pet Constructors & Rehab, LLC
571 N. Hilary Trail, Houston, TX 77056
PHONE NO. (832) 242-4600
FAX NO. (832) 242-1109

QUALITY CONTROL LAB:
Civil Testing Laboratories, Inc.
PO Box 87053
PHONE NO. (713) 474-7217
FAX NO. (713) 474-7217



GENERAL NOTES:
1. EXISTING SEWER LINES AND STRUCTURES ARE SHOWN BY DASHED LINES.
2. ALL NEW SEWER LINES AND STRUCTURES SHALL BE AS SHOWN.
3. ALL NEW SEWER LINES SHALL BE 15" DIA. MANHOLE TO MANHOLE.
4. ALL NEW SEWER LINES SHALL BE 15' DEPTH.
5. ALL NEW SEWER LINES SHALL BE 15' DEPTH.
6. ALL NEW SEWER LINES SHALL BE 15' DEPTH.



NO.	REVISION	DATE

LEGEND

15" DIA. MANHOLE TO MANHOLE
15' DEPTH
15" DIA. MANHOLE TO MANHOLE
15' DEPTH
15" DIA. MANHOLE TO MANHOLE
15' DEPTH

BASIN AREA: SW013

SEE SHEET 2 OF 2

SEE SHEET 1 OF 2



LEGEND

MANHOLE WITH 18" DIA. MANHOLE COVER
 MANHOLE WITH 18" DIA. MANHOLE COVER AND 18" DIA. MANHOLE RING
 MANHOLE WITH 18" DIA. MANHOLE COVER AND 18" DIA. MANHOLE RING AND 18" DIA. MANHOLE RING
 MANHOLE WITH 18" DIA. MANHOLE COVER AND 18" DIA. MANHOLE RING AND 18" DIA. MANHOLE RING AND 18" DIA. MANHOLE RING

BASIN AREA: SW013

NO.	REVISION	DATE

GENERAL NOTES:

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, TEXAS EDITION, 2005.

2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SANITARY SEWER COLLECTION SYSTEMS, TEXAS EDITION, 2005.

3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR SANITARY SEWER COLLECTION SYSTEMS, TEXAS EDITION, 2005.



QUALITY CONTROL LAB:
 Coastal Testing Laboratories, Inc.
 10111 Katy Freeway, Suite 100
 Houston, TX 77054
 PHONE NO. (281) 412-1111
 FAX NO. (281) 412-1111

CONTRACTOR:
 PFI Construction & Rehab, LLC
 12111 Katy Freeway, Suite 100
 Houston, TX 77054
 PHONE NO. (281) 412-1111
 FAX NO. (281) 412-1111

QUADRANT: SW
KEY MAP: 571B & 531X,Y
TILE NUMBER: 51630
P. MAP: P2133

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING 1500 WESTHOUSING CENTER HOUSTON, TEXAS 77002 BY SURVEYING AND PIPE LAYOUT METHODS WORK ORDER DRAWING
WM FILE NO. 4257-145
WORK ORDER NO. 04
WBS NO. R-000265-0221-4
OUTLINE AGREEMENT NO. 4600012895
COLLECTION SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM DESIGN SECTION
COLLECTOR SYSTEM OPERATIONS SECTION
CITY OF HOUSTON

DATE: 10/08/2024
 SCALE: 1" = 30'
 DESIGNED BY: [Name]
 SHEET NO. 1 OF 2

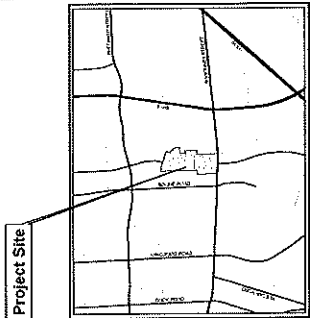
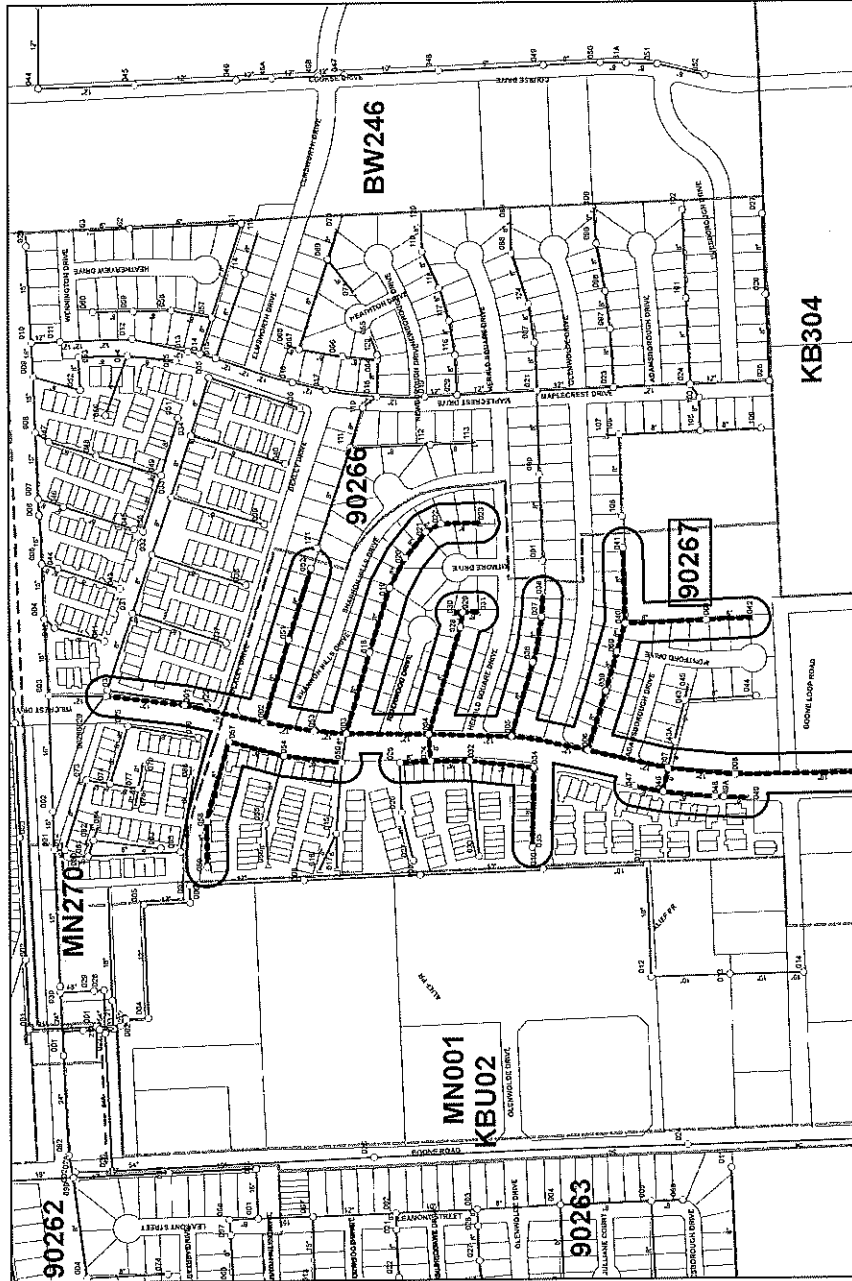
CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation By Sliplining & Pipe Bursting Methods

Subdivision: WESTMORELAND MANOR

Council District: J



CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH
SANITARY SEWER REHABILITATION BY SLIPLINING & PIPE BURSTING METHODS WORK ORDER DRAWING
WORK ORDER NO. 06
WB# NO. R-000266-0221-4
OUTLINE AGREEMENT NO. 460072665
DATE: 07/23/2019
SCALE: 1"=20'
DESIGN BY: Robert Chatham
CHECKED BY: Robert Chatham
DATE: 07/23/2019
PROJECT NO. 460072665
COLLECTION SYSTEM OPERATIONS DIVISION
COLLECTION SYSTEM OPERATIONS DIVISION
COLLECTION SYSTEM OPERATIONS DIVISION
COLLECTION SYSTEM OPERATIONS DIVISION
COLLECTION SYSTEM OPERATIONS DIVISION

DATE: 07/23/2019	SW
SCALE: 1"=20'	KEY MAP: 5290,U
DESIGN BY: Robert Chatham	TITLE NUMBER: 4854c, 4853b
CHECKED BY: Robert Chatham	P MAP: P3168
DATE: 07/23/2019	
PROJECT NO. 460072665	
COLLECTION SYSTEM OPERATIONS DIVISION	
COLLECTION SYSTEM OPERATIONS DIVISION	
COLLECTION SYSTEM OPERATIONS DIVISION	
COLLECTION SYSTEM OPERATIONS DIVISION	
COLLECTION SYSTEM OPERATIONS DIVISION	

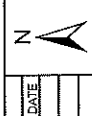
CONTRACTOR: E. B. B. & B. LLC 331 N. RING PARKWAY, TRAIL 77068 HOUSTON, TX 77068 PHONE NO. (832) 352-4800 FAX NO. (832) 550-1320

QUALITY CONTROL LIAISON: E. B. B. & B. LLC 331 N. RING PARKWAY, TRAIL 77068 HOUSTON, TX 77068 PHONE NO. (832) 352-4800 FAX NO. (832) 550-1320
--

SEE SHEET 2 OF 2



GENERAL NOTES:
1. EXISTING UTILITIES SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. ALL UTILITIES SHALL BE PROTECTED AND MARKED PRIOR TO CONSTRUCTION.
3. ALL UTILITIES SHALL BE REPAIRED OR REPLACED AS NECESSARY.
4. ALL UTILITIES SHALL BE REPAIRED OR REPLACED AS NECESSARY.
5. ALL UTILITIES SHALL BE REPAIRED OR REPLACED AS NECESSARY.

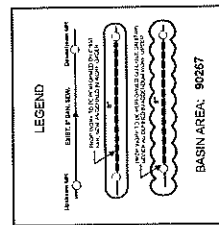
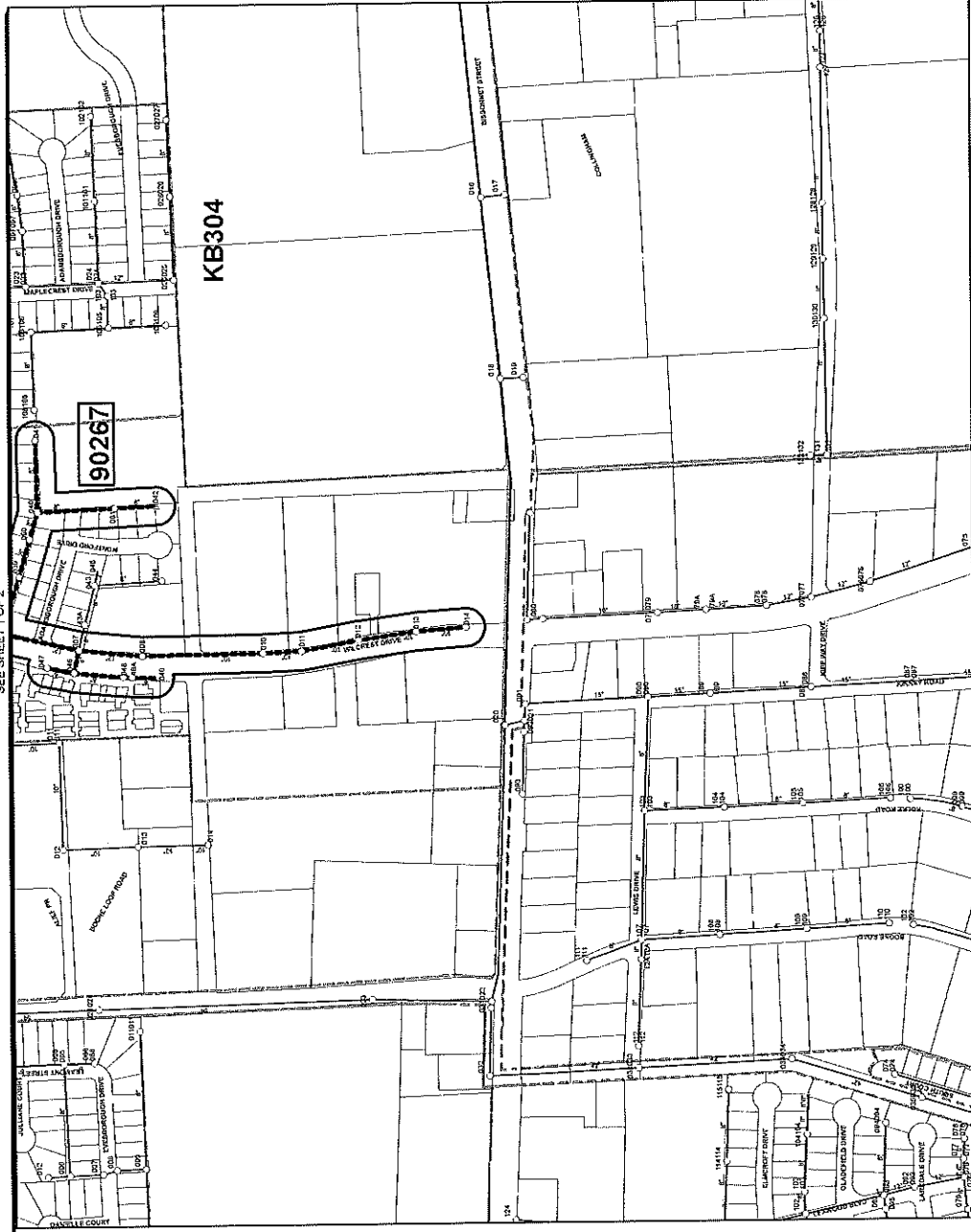


NO.	REVISION	DATE

NO.	REVISION	DATE

BASIN AREA: 90267

SEE SHEET 1 OF 2



NO.	REVISION DESCRIPTION	DATE

GENERAL NOTES:
 1. CONTRACTOR SHALL USE ADEQUATE MEANS OF PROTECTING EXISTING UTILITIES AND ADJACENT PROPERTIES.
 2. AFTER REVIEW OF INSTRUCTIONS ISSUED, CONTRACTOR SHALL BE NOTIFIED TO WHEN WORK BEGINS TO BE PROTECTED BY THE CITY.
 3. WORK SHALL BE COMPLETED WITHIN THE SPECIFIED TIME FRAME.



QUALITY CONTROL LAB
 Coastal Testing Lab, Inc.
 P.O. Box 87828
 Houston, TX 77287
 PHONE NO. (281) 772-2277
 FAX NO. (281) 772-2277

CONTRACTOR:
 E. Smith, LLC
 311 N. Houston Street, Suite 7700
 Houston, TX 77002
 PHONE NO. (281) 352-4800
 FAX NO. (281) 352-2733

QUADRANT: SW
KEY MAP: 5290JJ
TITLE NUMBER: 4954C, 4953a
P MAP: P3188

CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATION BRANCH
SEWER REPAIR & MAINTENANCE SECTION
SEWER REPAIR & MAINTENANCE SECTION
SEWER REPAIR & MAINTENANCE SECTION

WORK ORDER NO. 06
 WBS NO. R-000265-0221-4
 DUTYLINE AGREEMENT NO. 460012885

COLLECTION SYSTEM OPERATIONS SECTION
 COLLECTION SYSTEM OPERATIONS SECTION
 COLLECTION SYSTEM OPERATIONS SECTION

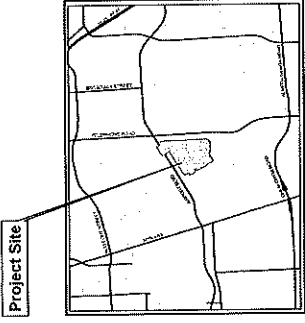
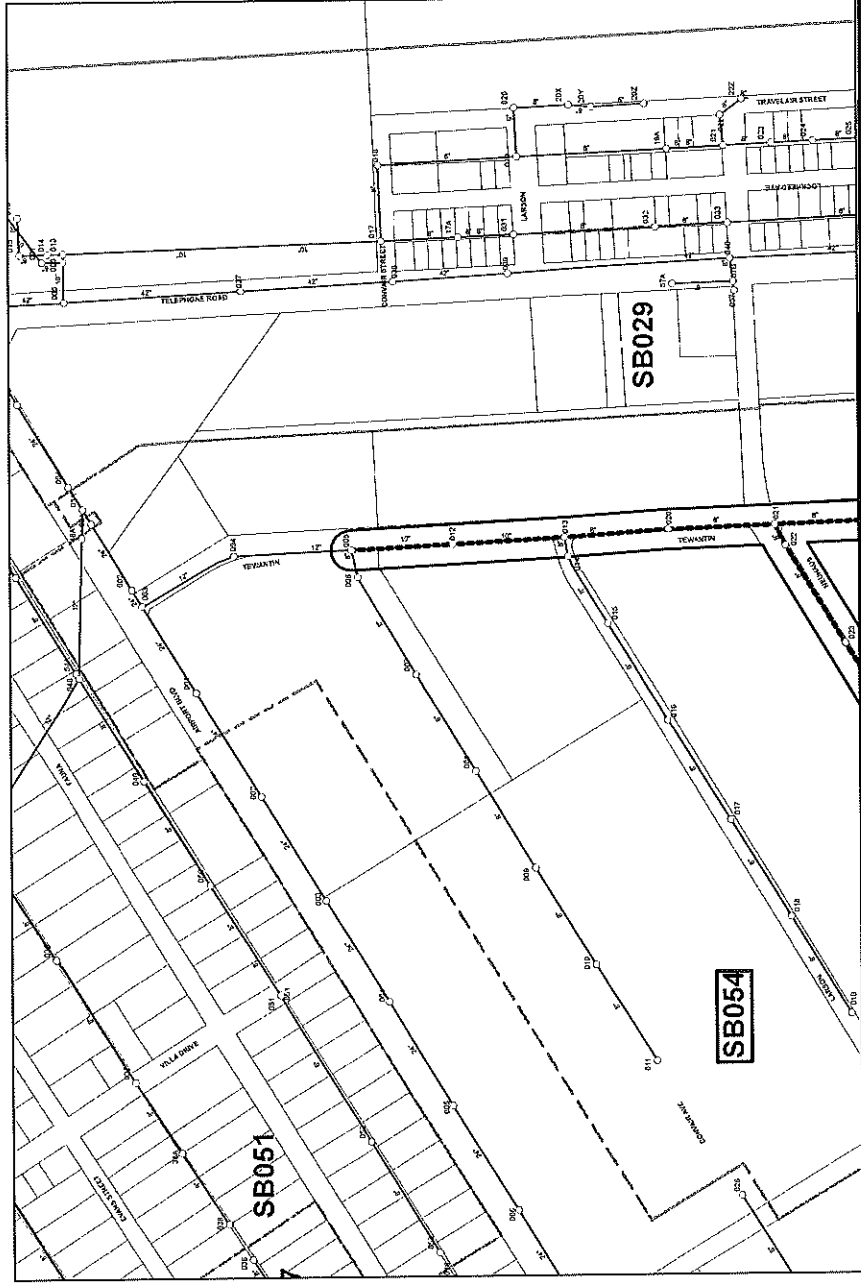
CITY OF HOUSTON
 WASTEWATER OPERATION BRANCH

DATE: 02/11/2014
 SCALE: 1"=50'
 SHEET NO. 2 OF 2 SHEET

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation By Sliplining & Pipe Bursting Methods
Subdivision: CENTRAL INDUSTRIAL PARK
Council District: 1



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH
SANITARY SEWER REHABILITATION BY
SLIPLINING AND PIPE BURSTING METHODS
WORK LOGS DRAWING

WV FILE NO. 4257-1-15
WORK ORDER NO. 08
WBS NO. R-00066-0221-4
DUTING AGREEMENT NO. 4600072695

COLLECTOR SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS SECTION
OPERATIONS SECTION WASTEWATER BRANCH

DATE: 09/05/08
SCALE: 1"=20'
DESIGN BY: Susan Chalmers
SHEET NO. 1 OF 2 SHEET

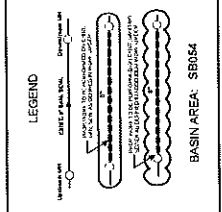
QUADRANT: SE
KEY MAP: 574H-575A.E
TILE NUMBER: 5552b, 5553d
P MAP: P-207

CONTRACTOR: A. Smith, LLC
131 N. Highway 77020
PHONE NO. 832-552-4800
FAX NO. 832-552-1330

QUALITY CONTROL LAB
Central Testing Lab, Inc.
131 N. Highway 77020
PHONE NO. (713) 472-5231
FAX NO. (713) 472-5237



GENERAL NOTES:
1. EXISTING UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL UTILITIES PRIOR TO CONSTRUCTION.
2. ALL UTILITIES SHALL BE PROTECTED AND MARKED PRIOR TO CONSTRUCTION.
3. ALL UTILITIES SHALL BE MARKED WITH REFLECTOR PINS.
4. ALL UTILITIES SHALL BE MARKED WITH REFLECTOR PINS.
5. ALL UTILITIES SHALL BE MARKED WITH REFLECTOR PINS.



NO.	REVISION	DATE

SEE SHEET 2 OF 2

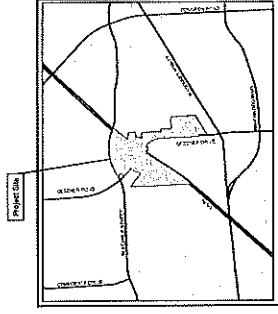
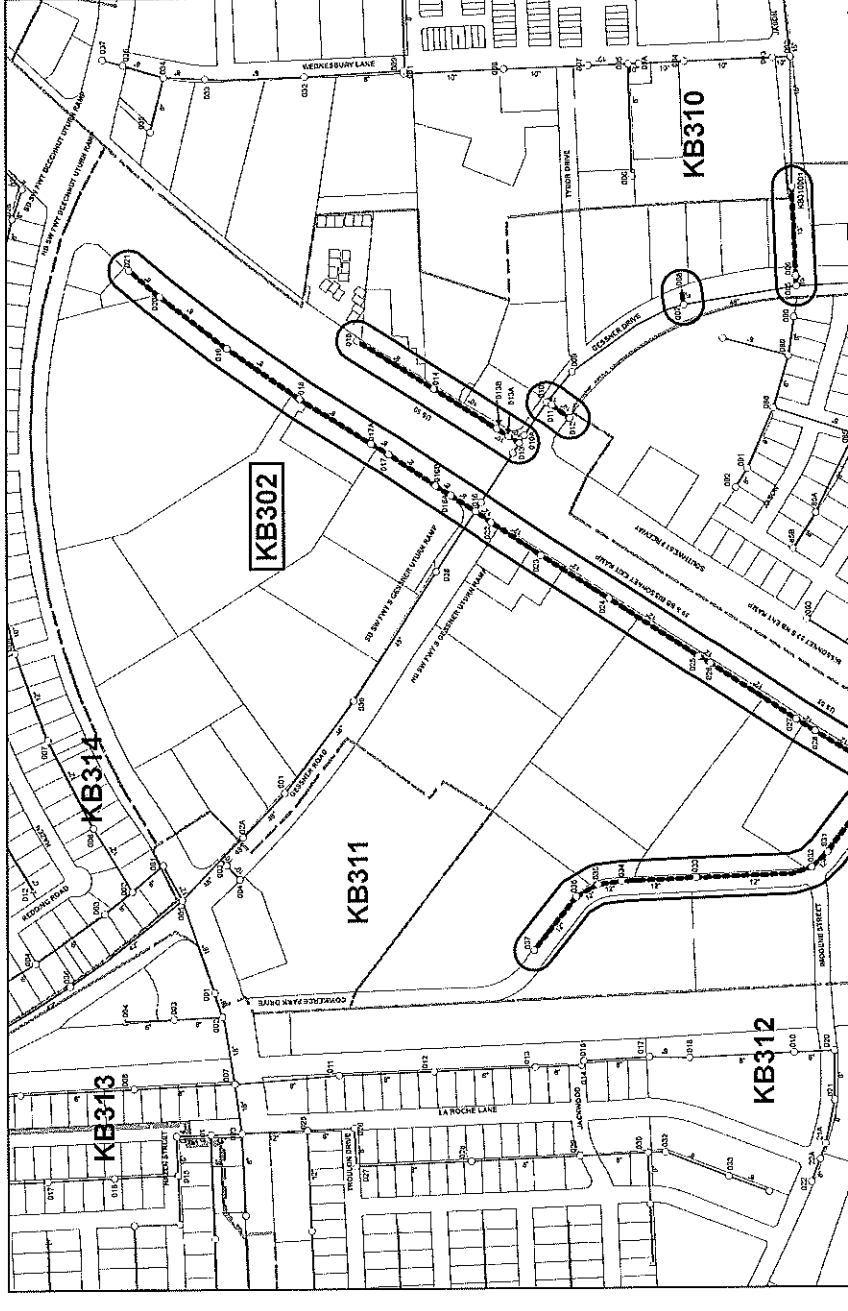
CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation by Sliplining and Pipe Bursting Methods

Subdivision: COMMERCE PARK

Council District: J



DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH BY SLIPLINING AND PIPE BURSTING METHODS WORK ORDER DRAWING
WWW FILE NO. 4257-145
WORK ORDER NO. 09
NEWS NO. R-000265-0221-4
OUTLINE AGREEMENT NO. 660012685
COLLECTOR SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS OFFICE
COLLECTOR SYSTEM OPERATIONS DIVISION
CITY OF HOUSTON
WASTEWATER DIVISION WASTEWATER SECTION

DATE: 08/10/04	SCALE: 1" = 30'
DESIGNER: J. P. ...	DRAWN BY: ...
CHECKED BY: ...	DATE: ...
PROJECT NO. ...	SHEET NO. ... OF ... SHEETS

QUADRANT: SW	KEY MAP: 530P, N, K
TILE NUMBER: P3210	P MAP:

CONTRACTOR:
PK Construction & Fabric, LLC
1324 N. ...
PHONE NO. ...
FAX NO. ...

QUALITY CONTROL LAB:
Causal Testing Laboratories, Inc.
PO Box 8783
PHONE NO. ...
FAX NO. ...



GENERAL NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SEWERAGE AND WATERWORKS.
2. A PORTION REVIEW OF INSPECTION USED. CONTRACTOR SHALL BE NOTIFIED TO MAKE ANY NECESSARY REVISIONS TO BE COMPLETED.
3. ALL MATERIALS SHALL BE APPROVED BY THE CITY ENGINEER.
4. ALL MATERIALS SHALL BE STORED PROPERLY TO AVOID CORROSION AND DAMAGE.



NO.	REVISION	DATE

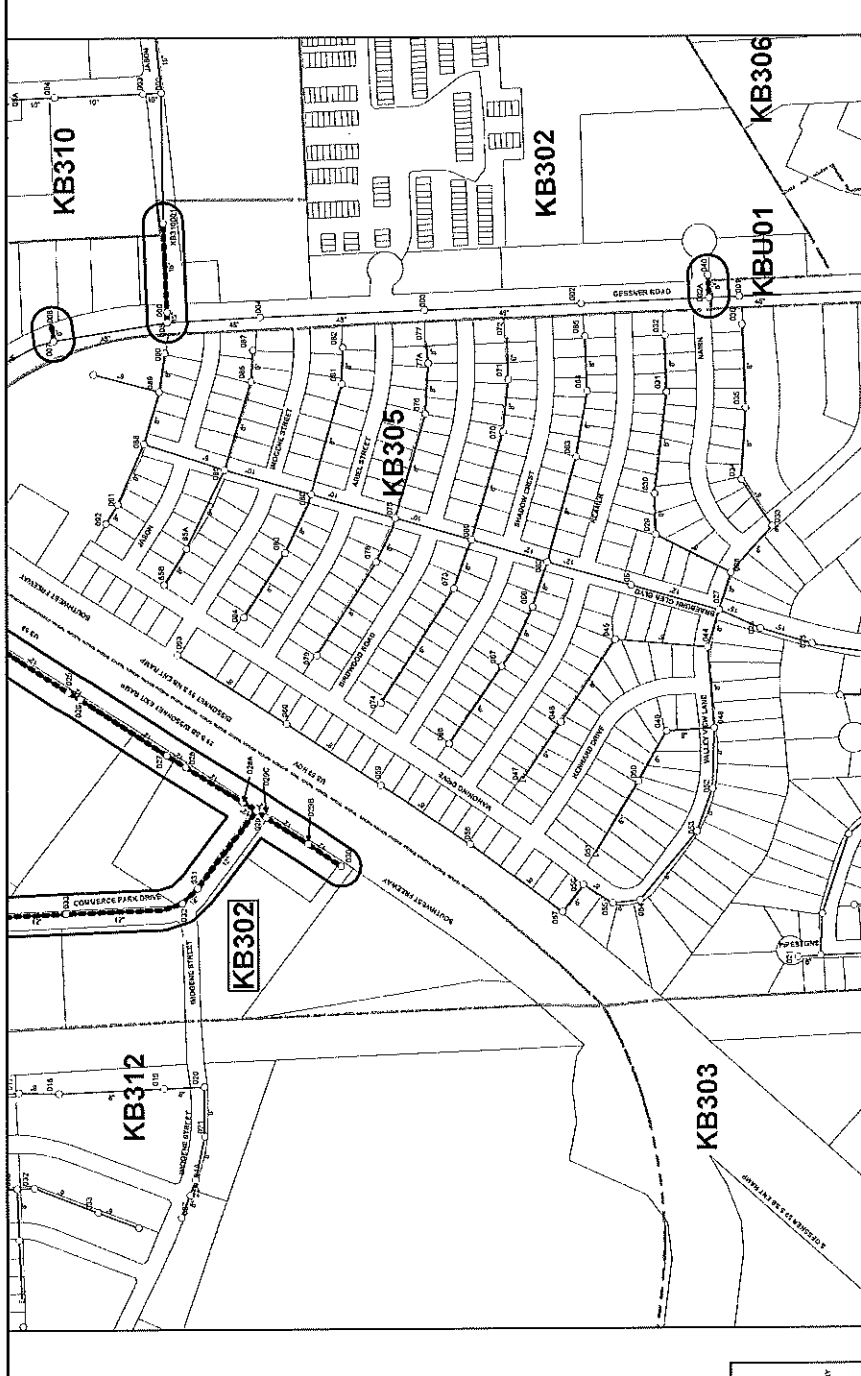
LEGEND

UNAPPROVED MATERIALS
APPROVED MATERIALS

BASIN AREA: KB302

SEE SHEET 2 OF 2

SEE SHEET 1 OF 2



CITY OF HOUSTON
 DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
 1500 TEXAS STREET, SUITE 1000
 HOUSTON, TEXAS 77002
 BY SUPPLYING AND INSTALLING THE METHOD
 WORK ORDER DRAWING
 WORK FILE NO. 4257-145
 WORK ORDER NO. 09
 WORK NO. R-000266-0221-4
 OUTLINE AGREEMENT NO. 4600012665
 COLLECTION SYSTEM OPERATIONS SECTION
 COLLECTION SYSTEM OPERATIONS OFFICE
 COLLECTION SYSTEM OPERATIONS SECTION
 CITY OF HOUSTON
 MANHOLE DISTRICTS AND OPERATIONS SECTION

DATE: 08/18/10
 SCALE: 1" = 20'
 CDD BY: Ryan Nguyen
 SHEET NO. 3 OF 2 SHEET

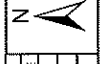
QUADRANT: SW
 KEY MAP: 530P, N, K
 TILE NUMBER: 50549, C
 P. MAP: P2310

CONTRACTOR:
 P&L CONSULTING & DESIGN, LLC
 1321 N. HWY 60, SUITE 100
 HOUSTON, TX 77060
 PHONE NO. (281) 555-3333
 FAX NO. (281) 555-3333

QUALITY CONTROL LAB:
 Coastal Testing Laboratories, Inc.
 P.O. Box 87653
 HOUSTON, TX 77287-0765
 PHONE NO. (713) 477-4271
 FAX NO. (713) 477-4271



GENERAL NOTES:
 1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD SPECIFICATIONS FOR SEWERAGE AND WATER MAINS.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD SPECIFICATIONS FOR SEWERAGE AND WATER MAINS.
 3. AFTER REVIEW OF INSPECTION VIDEO, CONTRACTOR SHALL BE NOTIFIED TO MAKE ANY NECESSARY REVISIONS TO BE RESUBMITTED.
 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD SPECIFICATIONS FOR SEWERAGE AND WATER MAINS.



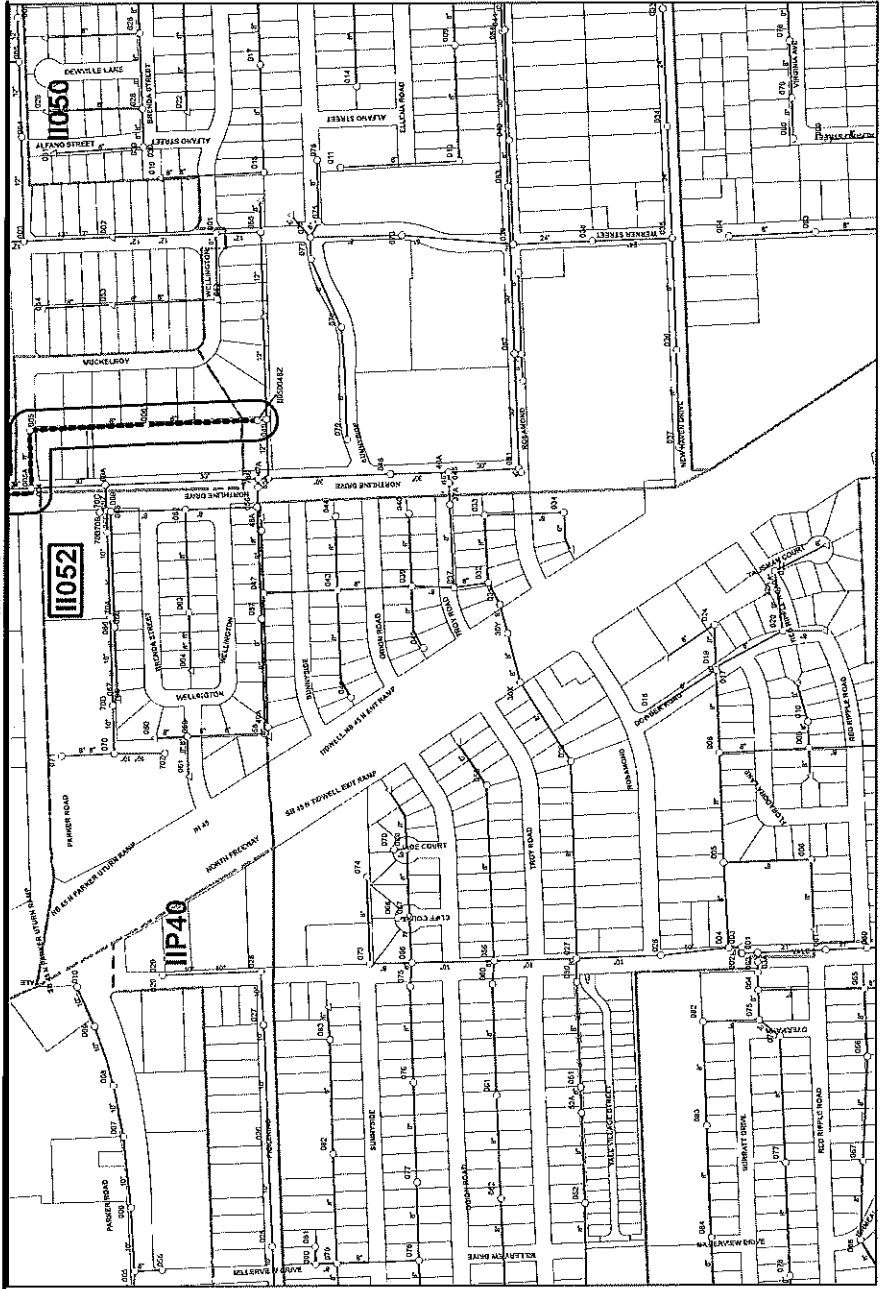
NO.	REVISION	DATE

LEGEND

1. 18" DIA. MANHOLE
 2. 18" DIA. MANHOLE WITH 18" DIA. INLET
 3. 18" DIA. MANHOLE WITH 18" DIA. INLET AND 18" DIA. OUTLET
 4. 18" DIA. MANHOLE WITH 18" DIA. INLET AND 18" DIA. OUTLET AND 18" DIA. INLET

BASIN AREA: KB302

SEE SHEET 1 OF 2



LEGEND

18" DIA. WATER MAIN
 12" DIA. SEWER MAIN
 18" DIA. STORMWATER MAIN
 12" DIA. STORMWATER MAIN
 6" DIA. STORMWATER MAIN
 4" DIA. STORMWATER MAIN
 3" DIA. STORMWATER MAIN
 2" DIA. STORMWATER MAIN
 1.5" DIA. STORMWATER MAIN
 1" DIA. STORMWATER MAIN
 0.75" DIA. STORMWATER MAIN
 0.5" DIA. STORMWATER MAIN
 0.375" DIA. STORMWATER MAIN
 0.25" DIA. STORMWATER MAIN
 0.1875" DIA. STORMWATER MAIN
 0.125" DIA. STORMWATER MAIN
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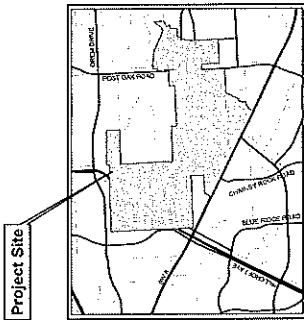
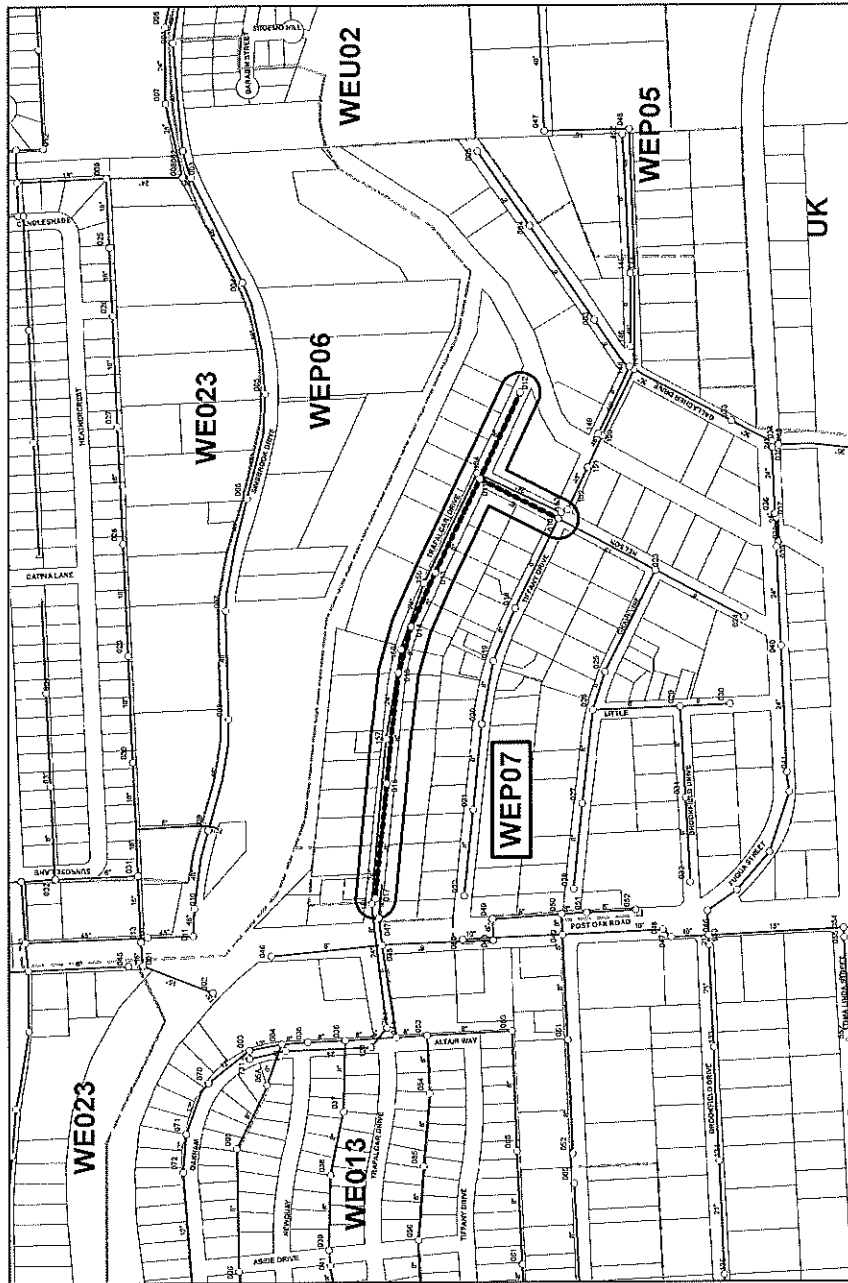
CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation By Sliplining & Pipe Bursting Methods

Subdivision: TIFFANY GARDENS

Council District: K



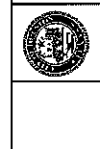
CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH
SANITARY SEWER REHABILITATION BY SLIPLINING & PIPE BURSTING METHODS
WW FILE NO. 4257-745
WORK ORDER NO. 11
WBS NO. R-000266-0221-4
OUTLINE AGREEMENT NO. 4600072695
COLLECTOR SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS PAGE
COLLECTOR SYSTEM OPERATIONS TOWN
CITY OF HOUSTON WASTEWATER OPERATIONS BRANCH

DATE	12/20/18
SCALE	1" = 30'
DESIGNED BY	PHILIP BISHOP
CHECKED BY	
PROJECT NO.	1 OF 1 SHEET

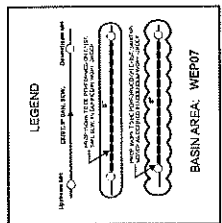
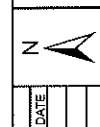
QUADRANT	SW
KEY MAP	571C
TITLE NUMBER	P151d
P MAP	P3320

CONTRACTOR
Baker & Baker, LLC
131 N. Roney Parkwood Lane 77009
HOUSTON, TX 77058
PHONE NO. (281) 252-4800
FAX NO. (281) 550-7130

QUALITY CONTROL LAB
Labserv, Inc.
270 S.W. 87th St.
MIAMI, FL 33155
PHONE NO. (754) 877-9251
FAX NO. (754) 877-9257



GENERAL NOTES:
1. EXISTING LOCATION, ALIGNMENT, ELEVATION, SIZE AND DEPTH OF
EXISTING SANITARY SEWER MAINS AND MANHOLE CIRCULATIONS SHALL BE
DETERMINED BY FIELD SURVEY AND SHALL BE NOTIFIED TO THE
MUNICIPAL ENGINEER TO BE RECORDED.
2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON
STANDARD SPECIFICATIONS FOR SEWERAGE AND SANITATION.



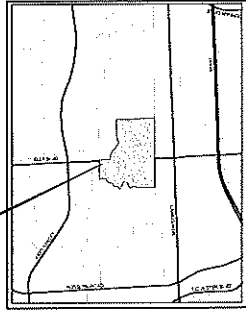
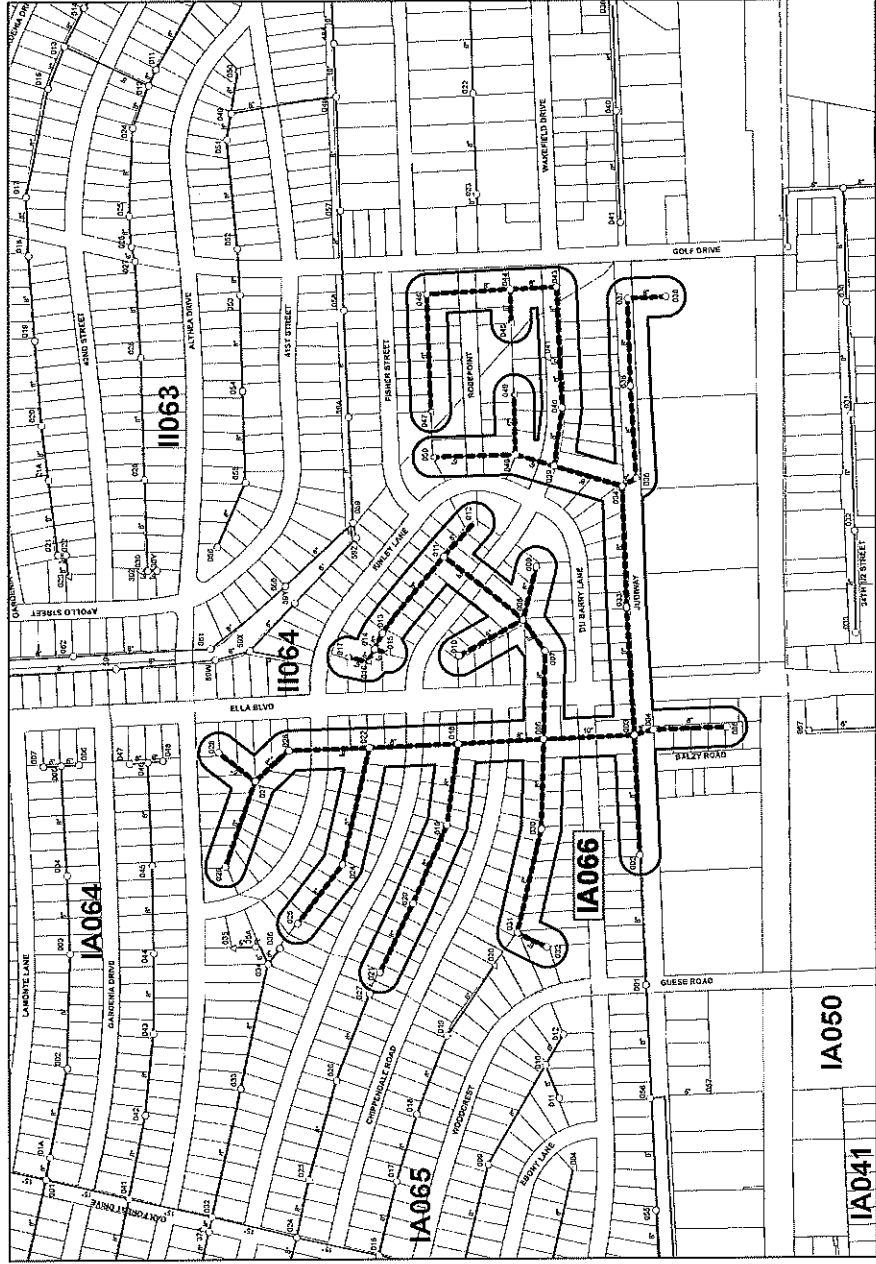
NO.	REVISION	DATE
	DESCRIPTION	

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation by Sliplining and Pipe Bursting Methods
Subdivision: OAK FOREST

Council District: C



VICINITY MAP

CITY OF HOUSTON DEPARTMENT OF PUBLIC WORKS AND ENGINEERING WASTEWATER OPERATIONS BRANCH BY SPLITTING AND PIPE BURSTING METHODS WORK ORDER DRAWING
WORK ORDER NO. 4227-145
WORK ORDER NO. 12
WBS NO. R-000266-0221-4
OUTLINE NUMBER NO. 4600012595
COLLECTOR SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS SECTION
COLLECTOR SYSTEM OPERATIONS SECTION
CITY OF HOUSTON
ISSUING OFFICE: WASTEWATER OPERATIONS BRANCH

DATE: 10/20/07	SCALE: 1" = 20'
DESIGNER: [Signature]	CHECKED BY: [Signature]
PROJECT NO.: 4227-145	WORK ORDER NO.: 4227-145

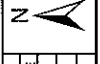
QUADRANT: NW	KEY MAP: 452K-P
TILE NUMBER: 5280G	P MAP: P3327

CONTRACTOR:
Pete Contractors & Rehab, LLC
131 N. Harvey Road, Suite 77506
Houston, TX 77060
PHONE NO. (281) 477-6424
FAX NO. (281) 477-2277

QUALITY CONTROL:
Crescent Engineering, Inc.
PO Box 81963
Houston, TX 77281-9630
PHONE NO. (713) 747-6424
FAX NO. (713) 747-2277



GENERAL NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, BRIDGES AND STRUCTURES, AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SEWERAGE AND SANITATION SYSTEMS, BOTH PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.
2. AFTER REVIEW OF SPECIFICATIONS USED, CONTRACTOR SHALL BE ADVISED TO WHICH SPECIFIC SECTIONS TO BE CONSULTED.
3. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, BRIDGES AND STRUCTURES, AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SEWERAGE AND SANITATION SYSTEMS, BOTH PUBLISHED BY THE TEXAS DEPARTMENT OF TRANSPORTATION.



NO.	REVISION	DATE

LEGEND

UNFINISHED WORK - DATE OF WORK TO BE COMPLETED BY CONTRACTOR TO BE SHOWN ON THIS DRAWING.

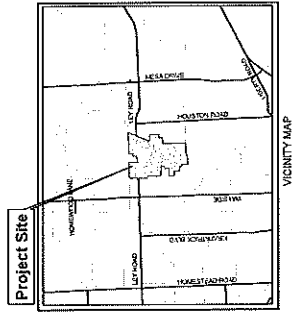
PROJECT AREA: IA066

CITY OF HOUSTON

DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH

Sanitary Sewer Rehabilitation by Sliplining and Pipe Bursting Methods
Subdivision: LIBERTY ROAD MANOR SEC 26 U/R

Council District: B



CITY OF HOUSTON
DEPARTMENT OF PUBLIC WORKS AND ENGINEERING
WASTEWATER OPERATIONS BRANCH
BY SLIPLINING AND PIPE BURSTING METHODS
WORK ORDER DRAWING
WWW FILE NO. 4257-145
WORK ORDER NO. 14
WBS NO. R-000286-0221-4
ONLINE ACQUISITION NO. 4500012985
CITY OF HOUSTON
SOLIDIFICATION SYSTEM OPERATIONS BRANCH

DATE: 05/01/07
SCALE: 1" = 30'
DESIGNER: Ryan Nguyen
SHEET NO. 1 OF 1 - INSET

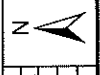
QUADRANT: NE
KEY MAP: 455K
TILE NUMBER: 5690c
P. MAP: P3406

CONTRACTOR:
PM Construction & Rehab, LLC
131 N. Royal Pines Dr. #708
Houston, TX 77058
PHONE NO. (281) 477-0777
FAX NO. (281) 477-0777

QUALITY CONTROL LAB:
Coastal Testing Laboratories, Inc.
PO Box 8703
Houston, TX 77267
PHONE NO. (281) 477-0777
FAX NO. (281) 477-0777



GENERAL NOTES:
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON STANDARD SPECIFICATIONS FOR CONSTRUCTION OF PUBLIC WORKS.
2. AFTER REVIEW OF INSTRUMENTS USED, CONTRACTOR SHALL BE NOTIFIED TO WHICH MATERIALS SPECIFICATIONS TO BE FURNISHED.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND MATERIALS.



NO.	REVISION	DATE

LEGEND

Basin Area: HS007