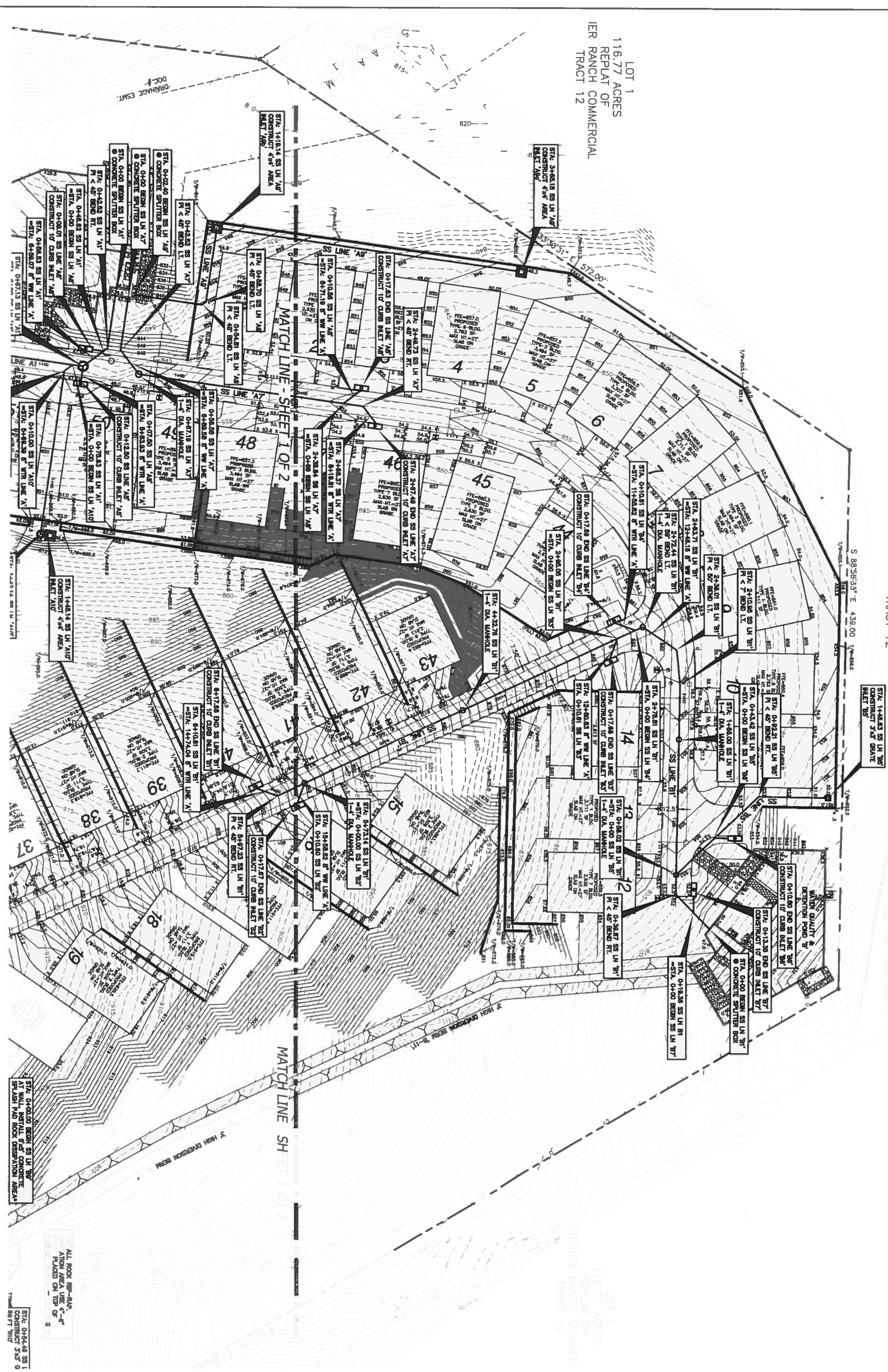
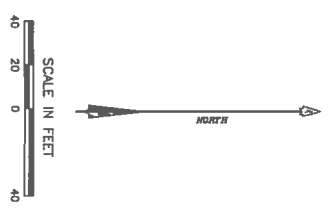




LOT 1
116.77 ACRES
REPLAT OF
STEINER RANCH COMMERCIAL
TRACT 12

LOT 1
116.77 ACRES
REPLAT OF
STEINER RANCH COMMERCIAL
TRACT 12



- LEGEND
- R.O.W. LINE
 - PROPERTY LINE
 - EXISTING CONTOUR LINE
 - EXISTING LINE
 - PROPOSED CONTOUR LINE
 - PROPOSED STORM LINE

- NOTES:
1. ALL STORM SEWER MANHOLES LIDS TO BE LABELED "STORM SEWER ONLY, (NOT C.O.A. OR WCD #17 OR TRANS COUNTY).
 2. ALL STORM SEWER PIPE TO BE C.I. III RCP UNLESS OTHERWISE NOTED.
 3. ALL SS PIPE INSTALLED UNDER OR THROUGH RETAINING WALLS TO BE C.I. IV RCP.
 4. REFER TO EROSION/SEDIMENTATION CONTROL & TREE PROTECTION PLAN & DETAILS FOR TEMPORARY POND DETAILS.
 5. ALL STORM SEWER MUST BE 7.5' AWAY FROM WASTE WATER SERVICES.

ALL ROCK DISSEMINATION AREAS SHALL BE 4'-6" ROCK PLACED ON FINISHED GROUND - NOT DUG IN

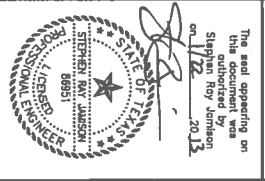
WCD #17 UTILITY EASEMENT:
A BLANKET UTILITY EASEMENT WAS D #17

ALL ROCK DISSEMINATION AREAS SHALL BE 4'-6" ROCK PLACED ON FINISHED GROUND - NOT DUG IN

SP-2012-0175D

CONTRACTOR SHALL LOCATE ALL UTILITIES, BOTH HORIZONTALLY AND VERTICALLY, PRIOR TO ANY SITE WORK BEING DONE. THE DESIGN ENGINEER WILL NOT BE RESPONSIBLE FOR DAMAGES TO ANY UTILITY OR ANY CONCRETS THAT MAY ARISE.

File: Projects/ STEINER MU-11/DWG/SS	Job No. 230-01	Snapshot: STORM
Scale (Hor.): 1"=40'	Scale (Vert.): N/A	
Date: 01/21/13	Checked By: SRJ	Drawn By: MM
Revision 1:		
Revision 2:		
Revision 3:		
Revision 4:		



STEINER RANCH MU-11
STORMSEWER LAYOUT - SHEET 2 OF 2
4200 STEINER RANCH BLVD.
AUSTIN, TEXAS 78732

HANRAHAN • PRITCHARD ENGINEERING, INC.
CONSULTING ENGINEERS
(TX. PE FIRM REG. #418)
8333 Cross Park Drive
AUSTIN, TEXAS 78754
OFFICE: 512.458.4734 FAX: 512.458.4752
info@hp-eng.com

HPE

*ALL ROCK DISSIPATION AREAS SHALL BE 4"-6" ROCK PLACED ON FINISHED GROUND - NOT DUG IN.

- NOTES:
1. ALL STORM SEWER MANHOLES UNDS TO BE LABELED STORM SEWER ONLY, (NOT C.O.A. OR WCD #17 OR TRANS COUNTY).
 2. ALL STORM SEWER PIPE TO BE CL. II RCP, UNLESS OTHERWISE NOTED.
 3. ALL SS PIPE INSTALLED UNDER OR THROUGH RETAINING WALLS TO BE CL. V RCP.
 4. REFER TO EROSION/SEDIMENTATION CONTROL & TREE PROTECTION PLAN & DETAILS FOR TEMPORARY POND DETAILS.
 5. ALL STORM SEWER MUST BE 7.5' AWAY FROM WASTE WATER SERVICES.

MATCH LINE - SHEET 2 OF 2

MATCH LINE - SHEET 2 OF 2



- LEGEND
- R.O.W. LINE
 - PROPERTY LINE
 - EXISTING CONTOUR LINE
 - EXISTING LINE
 - PROPOSED CONTOUR LINE
 - PROPOSED STORM LINE

*WCD #17 UTILITY EASEMENT:
A BLANKET UTILITY EASEMENT WAS
DEDICATED TO WCD #17
(DOC #)



SP-2012-0175D

CAUTION!
CONTRACTOR SHALL LOCATE ALL UTILITIES,
BOTH HORIZONTALLY AND VERTICALLY,
PRIOR TO ANY SITE WORK BEING DONE.
THE DESIGN ENGINEER WILL NOT BE
RESPONSIBLE FOR DAMAGES TO ANY
UTILITY, OR ANY COLLATERAL THAT
MAY ARISE.

File: Projects/ STEINER MU-11/DWG/SS	Snapshot: STORM
Job No. 230-01	Scale (Hor.): 1"=40'
Scale (Vert.): N/A	Drawn By: MM
Date: 01/21/13	Checked By: SRJ
Revision 1:	
Revision 2:	
Revision 3:	
Revision 4:	



STEINER RANCH MU-11
STORM SEWER LAYOUT - SHEET 1 OF 2
4200 STEINER RANCH BLVD.
AUSTIN, TEXAS 78732

HANRAHAN • PRITCHARD ENGINEERING, INC.
CONSULTING ENGINEERS
(TX PE FIRM REG. #416)
8333 Cross Park Drive
AUSTIN, TEXAS 78754
OFFICE: 512.459.4734 FAX: 512.459.4752
info@hp-eng.com

HPE

LEANDER INDEPENDENT
SCHOOL DISTRICT
14.23 AC.
VOL. 12398, PG. 1136
R.P.R.I.C.T.

LEANDER INDEPENDENT
SCHOOL DISTRICT
14.23 AC.
VOL. 12398, PG. 1136
R.P.R.I.C.T.

STA. 5+88.15 END SS LINE 'A1'
REMOVE ±29' LF OF PIPE & HEADWALL
AND TIE TO EXISTING 30" SS LN.
LINE TO REMAIN CONNECTED UNTIL
COMPLETION OF POND A

STA. 4+84.28 SS LINE 'A1'
= STA. 0+80.41 TEMP. 30" RCP LINE

STA. 0+00 BEGIN TEMP. 30" RCP LINE
DAYLIGHT PIPE AT BOTTOM OF
TEMPORARY SEDIMENT BASIN

TEMPORARY SEDIMENT BASIN
SEE SHEETS 08 & 09 FOR DETAILS

STA. 0+00 BEGIN SS LN 'A1'
CONSTRUCT 10' CURB INLET 'A1'

STA. 0+02.40 BEGIN SS LN 'A3'
CONSTRUCT 10' CURB INLET 'A3'

STA. 0+00 BEGIN SS LN 'A7'
CONSTRUCT 10' CURB INLET 'A7'

STA. 0+00 BEGIN SS LN 'A9'
CONSTRUCT 10' CURB INLET 'A9'

STA. 2+67.49 END SS LINE 'A7'
CONSTRUCT 10' CURB INLET 'A7'

STA. 6+17.88 END SS LINE 'B1'
CONSTRUCT 10' CURB INLET 'B1'

STA. 0+00 BEGIN SS LN 'B6'
CONSTRUCT STD. HEADWALL

STA. 2+38.53 END SS LINE 'B6'
CONSTRUCT 10' CURB INLET 'B6'

STA. 3+45.18 END SS LINE 'A9'
CONSTRUCT 4'x4' AREA INLET 'A9'

STA. 0+00 BEGIN SS LN 'B1'
CONSTRUCT 10' CURB INLET 'B1'

STA. 0+00 BEGIN SS LN 'B1'
CONSTRUCT 10' CURB INLET 'B1'

SCALE IN FEET
60 30 0 30

LEGEND
R.O.W. LINE
PROPERTY LINE
EXISTENT LINE
PROPOSED STORM LINE

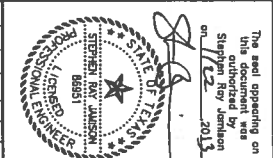
- NOTES:
1. ALL STORM SEWER MANHOLES LIDS TO BE LABELED "STORM SEWER" ONLY. (NOT C.O.A. OR WCID #17 OR TRAVIS COUNTY).
 2. ALL STORM SEWER PIPE TO BE CL. III RCP UNLESS OTHERWISE NOTED.
 3. ALL SS PIPE INSTALLED UNDER OR THROUGH RETAINING WALLS TO BE CL. IV RCP.
 4. REFER TO EROSION/SEDIMENTATION CONTROL & TREE PROTECTION PLAN & DETAILS FOR TEMPORARY POND DETAILS.
 5. ALL STORM SEWER MUST BE 7.5' AWAY FROM WASTE WATER SERVICES.
- WCID #17 UTILITY EASEMENT
7' BLANK UTILITY EASEMENT WAS
DEDICATED TO WCID #17
(DOC. # 2001055643)

SP-2012-0175D

CAUTION!
CONTRACTOR SHALL LOCATE ALL UTILITIES,
BOTH HORIZONTALLY AND VERTICALLY,
PRIOR TO ANY SITE WORK BEING DONE.
THE DESIGN ENGINEER WILL NOT BE
RESPONSIBLE FOR DAMAGES TO ANY
UTILITY OR ANY COMPLETION TIME
DELAYS.

SHEET
25 of 66

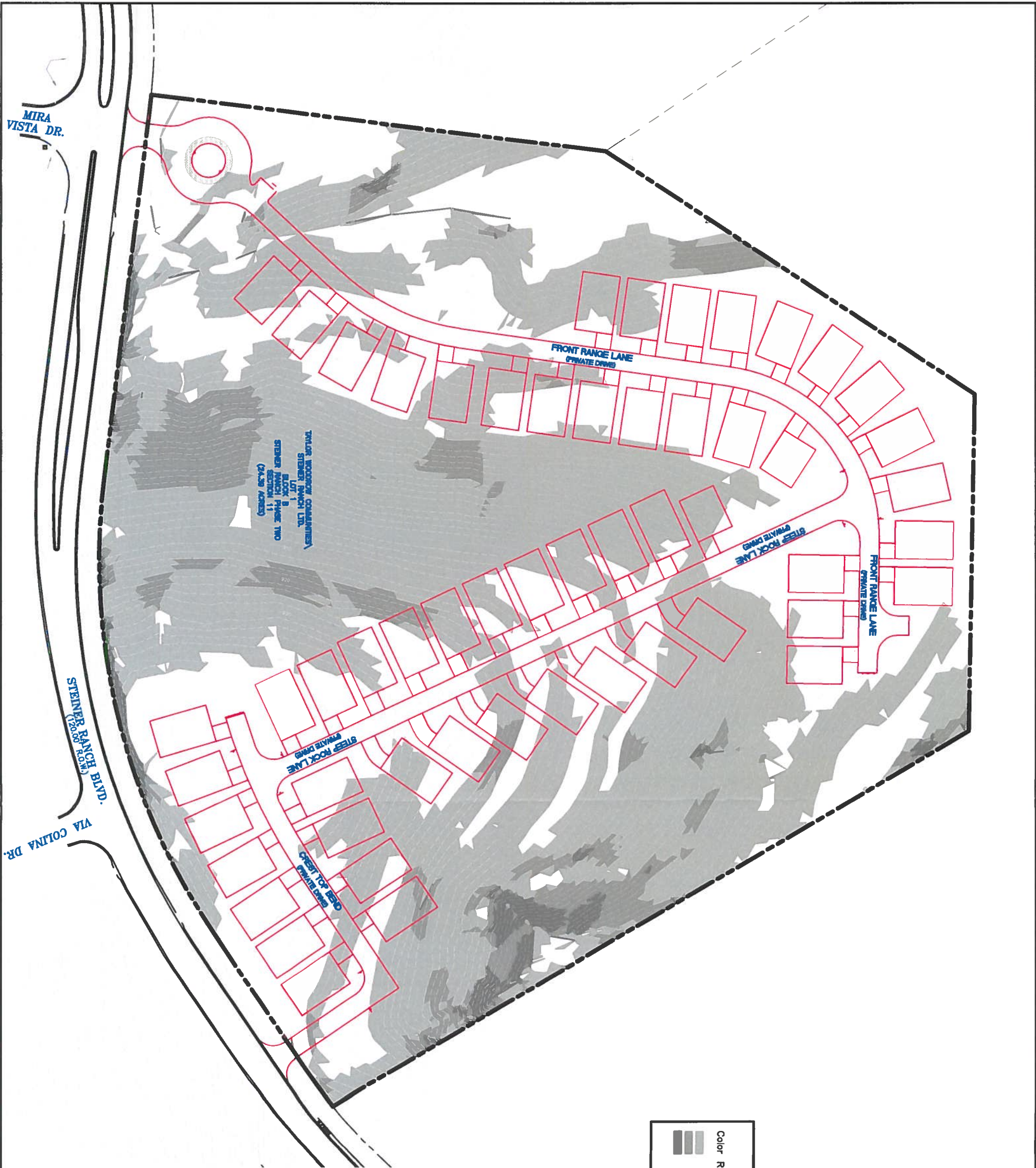
File: Projects/ STEINER MU-11/DWG/SS	Snapshot: OVERALL
Job No. 230-01	Scale (Hor.): 1"=60'
Date: 01/21/13	Checked By: SRJ
Revision 1:	Drawn By: MM
Revision 2:	
Revision 3:	
Revision 4:	



STEINER RANCH MU-11
OVERALL STORM SEWER LAYOUT
4200 STEINER RANCH BLVD.
AUSTIN, TEXAS 78732

HANRAHAN • PRITCHARD ENGINEERING, INC.
CONSULTING ENGINEERS
(TX. PE FIRM REG. #416)
8333 Cross Park Drive
AUSTIN, TEXAS 78754
OFFICE 512.458.4734 FAX: 512.458.4752
info@hpe-eng.com

HPE



STEINER RANCH					
PH. 2 SEC. 11 LOT 1 BLK. B					
Color	Range Beg.	Range End	Area	Percent	
	0.00	15.00	521,332.81	49.1	11.97 AC.
	15.00	25.00	452,407.43	42.6	10.39 AC.
	25.00	35.00	75,942.01	7.1	1.74 AC.
	35.00	100.00	12,616.82	1.2	0.29 AC.
			TOTAL		24.39 AC.



SP-2012-0175D

SHEET 01 of 01	Job No. 230-01		Snapshot: EXHIBIT	
	Scale (Hor): 1"=100'		Scale (Vert): N/A	
	Date: 01/28/13	Checked By:	Drawn By: BB	
	Revision 1:			
	Revision 2:			
	Revision 3:			
	Revision 4:			

STEINER RANCH MU-11
EXISTING SITE & SLOPE MAP
4200 STEINER RANCH BLVD.
AUSTIN, TEXAS 78732

HANRAHAN • PRITCHARD ENGINEERING, INC.
CONSULTING ENGINEERS
(TX PE FIRM NO. 6488)
8333 Cross Park Drive
AUSTIN, TEXAS 78754
OFFICE: 512.488.4784 FAX: 512.488.4782
info@hpe-eng.com

HPE



LEANDER INDEPENDENT
SCHOOL DISTRICT
VOL. 12398, PG. 1136
R.P.R.I.C.T.

LEANDER INDEPENDENT
SCHOOL DISTRICT
VOL. 12398, PG. 1136
R.P.R.I.C.T.

LOT 1
116.77 ACRES
REPLAT OF
STEINER RANCH COMMERCIAL
TRACT 12

LOT 1
116.77 ACRES
REPLAT OF
STEINER RANCH COMMERCIAL
TRACT 12

LOT 1
116.77 ACRES
REPLAT OF
STEINER RANCH COMMERCIAL
TRACT 12

LOT 1
116.77 ACRES
REPLAT OF
STEINER RANCH COMMERCIAL
TRACT 12

STEINER RANCH BLVD.
(120.00 R.O.W.)

CUT & FILL LEGEND				
Color	Range Beg.	Range End	Area	Percent
	-16.00	-14.00	1268.15	6.62
	-14.00	-12.00	2749.08	14.36
	-12.00	-10.00	6925.36	36.17
	-10.00	-8.00	8202.69	42.85
	8.00	10.00	3472.39	50.93
	10.00	12.00	2075.19	30.44
	12.00	14.00	1269.91	18.63

(*MAX CUT = 16' / MAX FILL = 14')



The seal appearing on
this document was
authorized by
Stephen Ray Jamison
on 02/20, 2013

STEINER RANCH MU-11
CUT - FILL EXHIBIT
4400 STEINER RANCH BLVD.
AUSTIN, TEXAS

HANRAHAN • PRITCHARD ENGINEERING, INC.
CONSULTING ENGINEERS

(TX. PE FIRM REG. #488)
8333 Cross Park Drive
AUSTIN, TEXAS 78764
OFFICE: 512.459.4734 FAX: 512.459.4732
info@hp-eng.com

HPE

File: Projects/ H/MU-11/DWG/CUTFILL/EXHIBIT 021013	Snapshot: CUTFILL1
Job No. 222-02	Scale (Vert):
Scale (Hor):	Scale (Vert):
Date: 02/20/13	Checked By: 000 Drawn By:

SHEET
01 of 01