

LEGEND		
ITEM	EXISTING	PROPOSED
STREAM		
BRIDLE APRON	NA	
LIMIT OF DISTURBANCE	NA	
STORMWATER PIPE		
STORMWATER INLET		
WETLAND		
TAXIDAY EDGE LIGHT		
RUNWAY OBJECT FREE AREA		
TAXIDAY OBJECT FREE AREA		
PERMANENT STREAM IMPACTS	NA	
PERMANENT FLOODWAY IMPACTS	NA	
TEMPORARY STREAM IMPACTS	NA	
TEMPORARY FLOODWAY IMPACTS	NA	
TEMPORARY WETLAND IMPACTS	NA	
PERMANENT WETLAND IMPACTS	NA	
GROUND CONTOURS		

IMPACTS	
STENO-01, S-LRK-02, W-LRK-02	87' X 6' (498 SF)
PERMANENT STREAM IMPACT =	87' X 6' (498 SF)
TEMPORARY STREAM IMPACT =	47' X 11' (512 SF)
PERMANENT FLOODWAY IMPACT =	47' X 11' (512 SF)
TEMPORARY FLOODWAY IMPACT =	48' X 14' (672 SF)
PERMANENT WETLAND IMPACT =	38.25' X 12' (459 SF)
TEMPORARY WETLAND IMPACT =	52' X 10.5' (546 SF)
PERMANENT WETLAND IMPACT =	27' X 15.4' (416 SF)
TEMPORARY WETLAND IMPACT =	27.5' X 14.5' (410 SF)
PERMANENT WETLAND IMPACT =	21.2' X 10' (210 SF)
CULVERT 1 (CULV 1-LRK-02)	7' X 3' (21 SF)
PERMANENT STREAM IMPACT =	81' X 3' (243 SF)
TEMPORARY STREAM IMPACT =	46' X 3' (138 SF)
PERMANENT FLOODWAY IMPACT =	118' X 47' (5,540 SF)
TEMPORARY FLOODWAY IMPACT =	80' X 47' (3,760 SF)
PERMANENT WETLAND IMPACT =	48' X 14' (672 SF)
CULVERT 2 (CULV 2-LRK-03)	56' X 3' (168 SF)
PERMANENT STREAM IMPACT =	56' X 3' (168 SF)
TEMPORARY STREAM IMPACT =	4' X 3' (12 SF)
PERMANENT FLOODWAY IMPACT =	58' X 47' (2,726 SF)
TEMPORARY FLOODWAY IMPACT =	11' X 32.8' (361 SF)
PERMANENT WETLAND IMPACT =	13.9' X 14' (196 SF)
TEMPORARY WETLAND IMPACT =	4' X 4' (16 SF)
CULVERT 3 (CULV 3-LRK-04)	58' X 2.5' (145 SF)
PERMANENT STREAM IMPACT =	0
TEMPORARY STREAM IMPACT =	0
PERMANENT FLOODWAY IMPACT =	77.7' X 22' (1,710 SF)
TEMPORARY FLOODWAY IMPACT =	88' X 47' (4,124 SF)
PERMANENT WETLAND IMPACT =	8' X 40' (320 SF)
TEMPORARY WETLAND IMPACT =	2' X 28' (56 SF)
PERMANENT WETLAND IMPACT =	5.8' X 5' (29 SF)
TEMPORARY WETLAND IMPACT =	11' X 2' (22 SF)

NOTE: THE ABOVE LENGTHS FOR THE FLOODWAY IMPACTS ARE THE AVERAGE LENGTHS AND WIDTHS. THE AREAS WERE DETERMINED USING AUTOCAD.



L.R. Kimball

515 West Highland Avenue
 Shrewsbury, PA 17361
 Phone: (717) 452-7100
 Fax: (717) 452-7102
 Email: rob.kimball@lrrkimball.com
 Website: www.lrrkimball.com

© CDI - Infrastructure, LLC dba L.R. Kimball

DESIGNED	NE	08/20
DRAWN	NAK	08/20
CHECKED	NE	08/20
APPROVED	NE	08/20

AS-ADVERTISED DRAWINGS		
DATE	BY	DESCRIPTION

OWNER: SUSQUEHANNA AREA
 REGIONAL AIRPORT AUTHORITY
 ONE TERMINAL DRIVE, SUITE 300
 MIDDLETOWN, PA 17057
 PHONE: 717.541.3800

**GETTYSBURG REGIONAL
AIRPORT (W05)**

1130 CHAMBERSBURG ROAD
 GETTYSBURG, PA 17325
 ADAMS COUNTY
 COMMERCE TOWNSHIP
 PARCEL ID: 081510107

TRINITY SERVICES
 EXECUTIVE DIRECTOR
 www.trinityservices.org

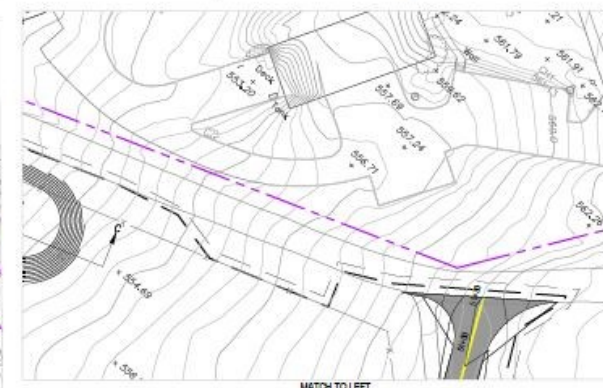
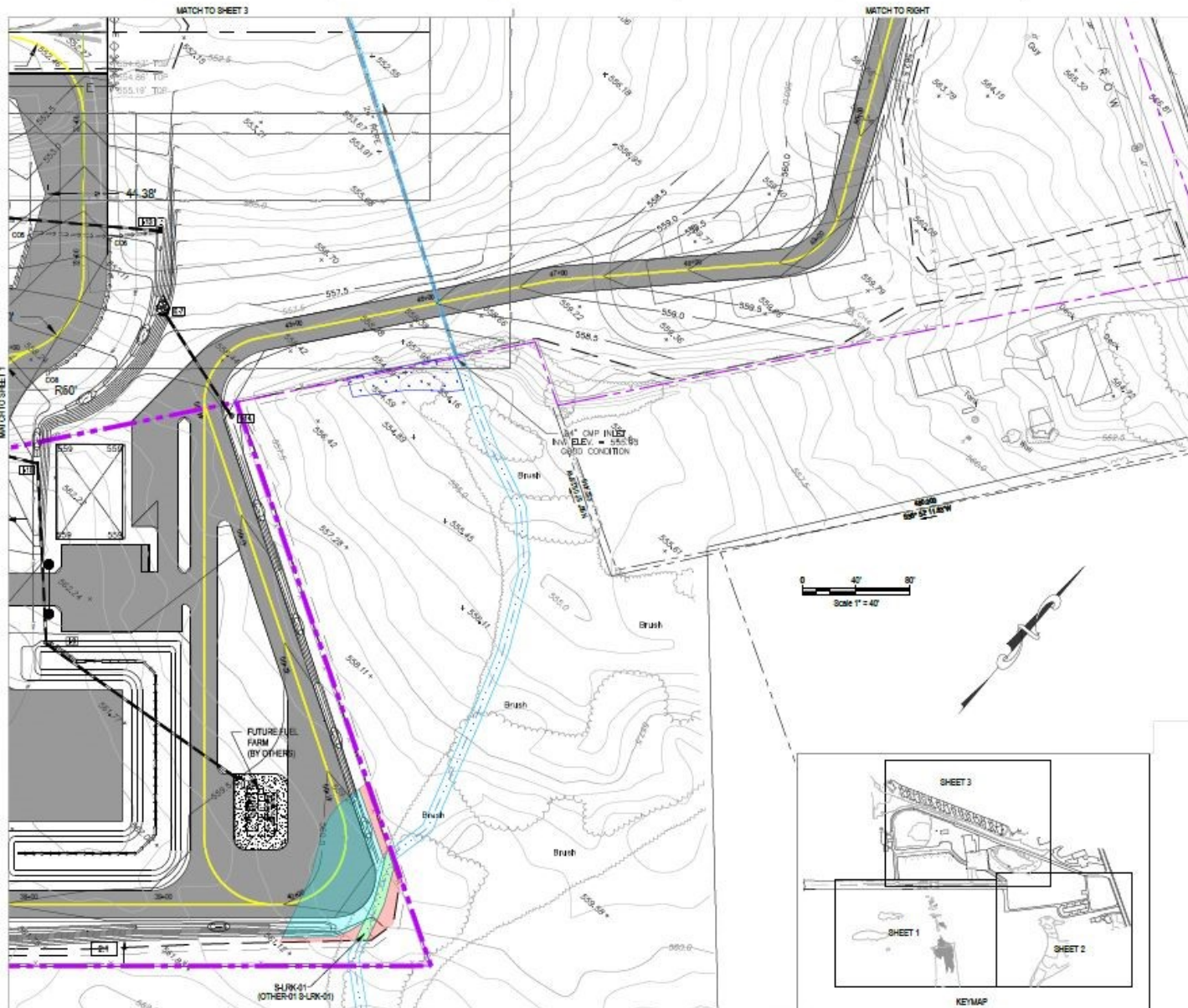
DAVID S. SPALLING
 QUALITY DIRECTOR FOR CONSTRUCTION
 AND INSPECTION
 (717) 541-3800

CONSTRUCT SOUTH APRON, PHASE 3
JOINT PERMIT APPLICATION SITE PLAN

PROJECT NO: SQA.M000260.EB19

DATE: FEBRUARY 2020

1 OF 4



IMPACTS

S4RK-01

PERMANENT STREAM IMPACT = 0
 TEMPORARY STREAM IMPACT = 8' X 80' (528 SF)
 PERMANENT FLOODWAY IMPACT = 102' X 48' (4870 SF)
 TEMPORARY FLOODWAY IMPACT = 48' X 9' (438 SF)
 4.5' X 55' (249 SF)
 8' X 53' (318 SF)

NOTE: THE ABOVE LENGTHS FOR THE FLOODWAY IMPACTS ARE THE AVERAGE LENGTHS AND WIDTHS. THE AREAS WERE DETERMINED USING AUTOCAD.

LEGEND		
ITEM	EXISTING	PROPOSED
STREAM		NA
RIP RAP APRON	NA	
LIMIT OF DISTURBANCE	NA	
STORMWATER PIPE		
STORMWATER INLET		
WETLAND		NA
TAXIWAY EDGE LIGHT		NA
RUNWAY OBJECT FREE AREA		NA
TAXIWAY OBJECT FREE AREA		NA
PERMANENT STREAM IMPACTS	NA	
PERMANENT FLOODWAY IMPACTS	NA	
TEMPORARY STREAM IMPACTS	NA	
TEMPORARY FLOODWAY IMPACTS	NA	
GROUND CONTOURS		1:50

615 West Highland Avenue
 Chambersburg, PA 17201
 Phone: (717) 472-7700
 Fax: (717) 472-7712
 Email: info@lrrkimball.com
 Website: www.lrrkimball.com

© CDI - Infrastructure, LLC dba L.R. Kimball

DESIGNED	XE	08/20
DRAWN	NAK	08/20
CHECKED	XE	08/20
APPROVED	XE	08/20

AS-ADVERTISED DRAWINGS		
DATE	BY	DESCRIPTION

OWNER: SUSQUEHANNA AREA
 REGIONAL AIRPORT AUTHORITY
 ONE TERMINAL DRIVE, SUITE 300
 MIDDLETOWN, PA 17052
 PHONE: (717) 543-3800

GETTYSBURG REGIONAL
 AIRPORT (W05)

1130 CHAMBERSBURG ROAD
 GETTYSBURG, PA 17025
 ADAMS COUNTY
 CHAMBERSBURG TOWNSHIP
 PARCEL ID: 08112-0107

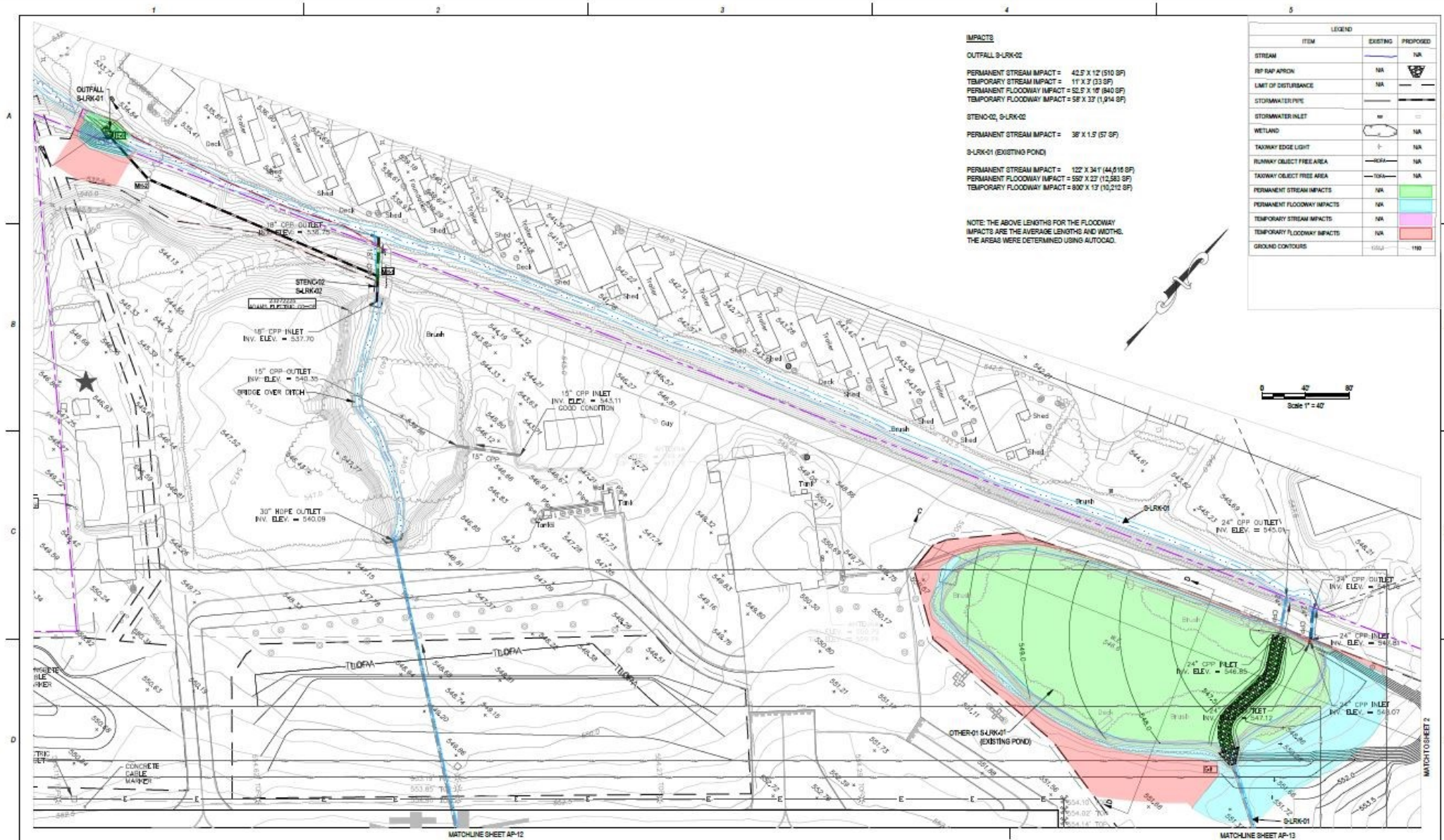
CONSTRUCT SOUTH APRON, PHASE 3

JOINT PERMIT APPLICATION SITE PLAN

PROJECT NO: SQA.M000260.EB19

DATE: FEBRUARY 2020

2 OF 4



IMPACTS

OUTFALL S-LRK-02

PERMANENT STREAM IMPACT = 42.5 X 1/2 (510 SF)
 TEMPORARY STREAM IMPACT = 11 X 3 (33 SF)
 PERMANENT FLOODWAY IMPACT = 52.5 X 1/2 (840 SF)
 TEMPORARY FLOODWAY IMPACT = 58 X 3/4 (1,014 SF)

STENC-02, S-LRK-02

PERMANENT STREAM IMPACT = 38 X 1.5 (57 SF)

S-LRK-01 (EXISTING POND)

PERMANENT STREAM IMPACT = 122 X 3/4 (44,016 SF)
 PERMANENT FLOODWAY IMPACT = 552 X 2/3 (12,583 SF)
 TEMPORARY FLOODWAY IMPACT = 800 X 1/3 (10,212 SF)

NOTE: THE ABOVE LENGTHS FOR THE FLOODWAY IMPACTS ARE THE AVERAGE LENGTHS AND WIDTHS. THE AREAS WERE DETERMINED USING AUTOCAD.

LEGEND		
ITEM	EXISTING	PROPOSED
STREAM		NA
RIP RAP APRON	NA	
LIMIT OF DISTURBANCE	NA	
STORMWATER PIPE		
STORMWATER INLET		
WETLAND		NA
TAXWAY EDGE LIGHT		NA
RUNWAY OBJECT FREE AREA		NA
TAXWAY OBJECT FREE AREA		NA
PERMANENT STREAM IMPACTS	NA	
PERMANENT FLOODWAY IMPACTS	NA	
TEMPORARY STREAM IMPACTS	NA	
TEMPORARY FLOODWAY IMPACTS	NA	
GROUND CONTOURS	100.0	110.0

Scale 1" = 40'

L.R. Kimball

© CDI - Infrastructure, LLC dba L.R. Kimball

615 West Highland Avenue
 Gettysburg, PA 17325
 Phone: (717) 452-7700
 Fax: (717) 452-7702
 Email: l.kimball@lrbkimball.com
 Website: www.lrbkimball.com

AS-ADVERTISED DRAWINGS		
DESIGNED	DATE	BY
DRAWN	DATE	BY
CHECKED	DATE	BY
APPROVED	DATE	BY

OWNER: SUSQUEHANNA AREA
 REGIONAL AIRPORT AUTHORITY
 ONE TERMINAL DRIVE, SUITE 300
 MIDDLETOWN, PA 17057
 PHONE: 717 545-3300

**GETTYSBURG REGIONAL
 AIRPORT (W05)**

TRACY J. BARNES
 EXECUTIVE DIRECTOR
 tbarnes@raa.pa.gov

DAVID S. WILCOX
 DEPUTY DIRECTOR FOR OPERATIONS
 dwilcox@raa.pa.gov

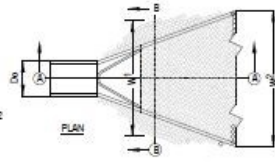
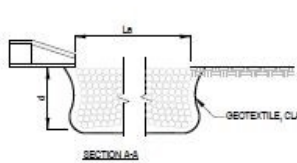
1300 CHAMBERSBURG ROAD
 GETTYSBURG, PA 17325
 ADAMS COUNTY
 CHAMBERSBURG TOWNSHIP
 PARCELS: D: 581540007

CONSTRUCT SOUTH APRON, PHASE 3

JOINT PERMIT APPLICATION SITE PLAN

PROJECT NO: SQA.M000260.EB19 DATE: FEBRUARY 2020

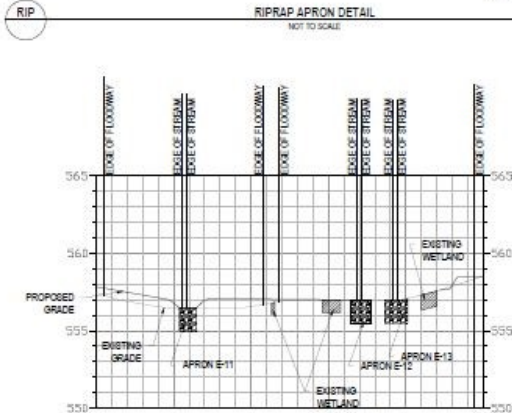
3 OF 4



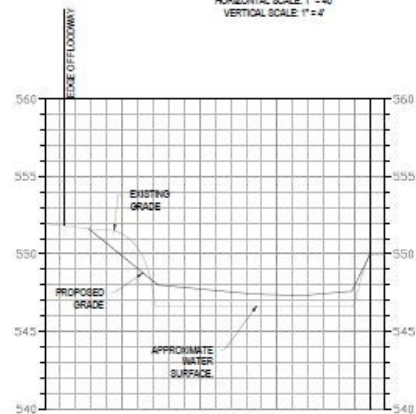
ROCK APRON NOTES:

1. CONSTRUCT ALL APRONS TO THE DIMENSIONS SHOWN. ADJUST TERMINAL WIDTHS AS NECESSARY TO MATCH RECEIVING CHANNELS.
2. EXTEND RIPRAP ON BACK SIDE OF APRON TO AT LEAST 1/2 DEPTH OF PIPE ON BOTH SIDES TO PREVENT SCOUR AROUND THE PIPE.
3. INSPECT ALL APRONS ON AT LEAST A WEEKLY BASIS AND AFTER EACH RUNOFF EVENT.
4. REPLACE DISPLACED RIPRAP WITHIN THE APRON IMMEDIATELY.

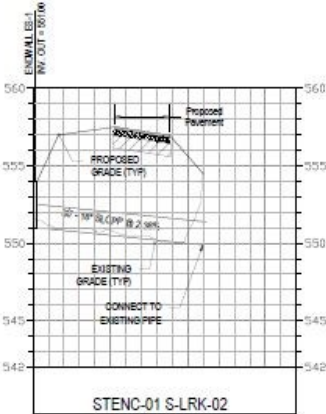
OUTLET NO.	PIPE DIA. DI (IN.)	TYPE OF PROTECTION	d (IN.)	La (FT.)	W (FT.)	W ² (FT.)
E-9	18	R-4	18	12	4.5	18.5
IN-11	18	R-4	18	10	11.25	21.25
IN-12	18	R-4	18	10	7.5	11.5
IN-13	18	R-4	18	10	7.5	11.5



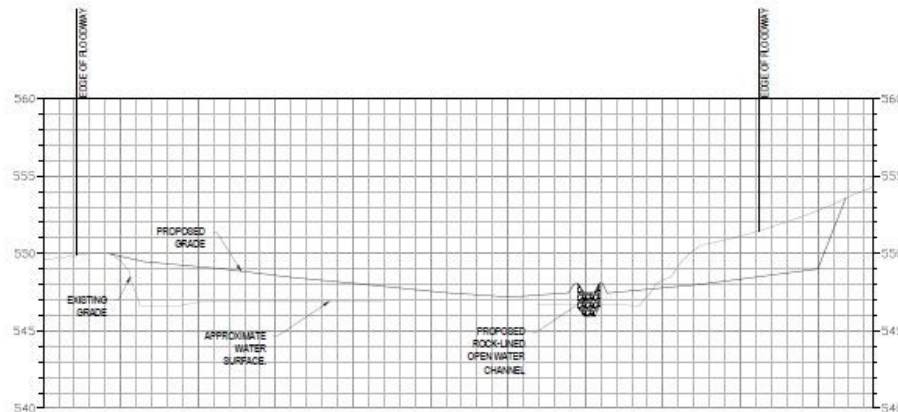
SECTION A-A
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



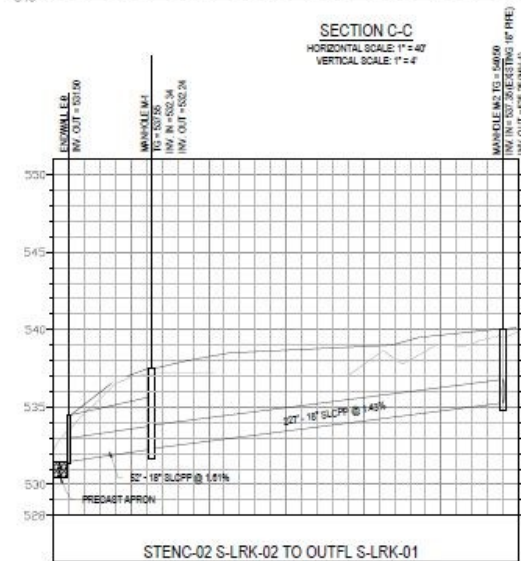
SECTION D-D
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



STENC-01 S-LRK-02
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



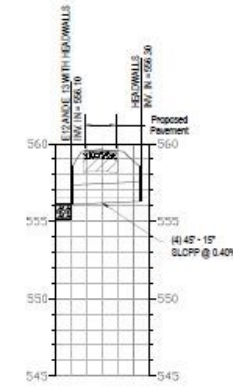
SECTION C-C
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



STENC-02 S-LRK-02 TO OUTFL S-LRK-01
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



CULV S-LRK-02
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'



CULV S-LRK-03 AND CULV S-LRK-04
HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 4'

CDI L.R. Kimball

215 West Highland Avenue
Gettysburg, PA 17321
Phone: (717) 472-7700
Fax: (717) 472-7702
Email: cdi.kimball@kimball.com
Website: www.kimball.com

© CDI - Infrastructure, LLC dba L.R. Kimball

DESIGNED	KI	08/20
DRAWN	MAK	08/20
CHECKED	KI	08/20
APPROVED	KI	08/20

AS-ADVERTISED DRAWINGS	
DATE	REVISION

OWNER: SUSQUEHANNA AREA
REGIONAL AIRPORT AUTHORITY
ONE TERMINAL DRIVE, SUITE 300
MIDDLETON, PA 17057
PHONE: 717.546.3855

**GETTYSBURG REGIONAL
AIRPORT (W05)**

PROJECT: 2.000000
SUSQUEHANNA AREA REGIONAL
AIRPORT AUTHORITY

DESIGN: 0.000000
SUSQUEHANNA AREA REGIONAL
AIRPORT AUTHORITY

1100 CHAMBERSBURG ROAD
GETTYSBURG, PA 17325
ADAMS COUNTY
CLUMBERLAND TOWNSHIP
PARCEL ID: 0811210107

CONSTRUCT SOUTH APRON, PHASE 3

**JOINT PERMIT APPLICATIONS
PROFILES AND SECTIONS**

PROJECT NO: SQA.M000260.EB19

DATE: FEBRUARY 2020

4 OF 4