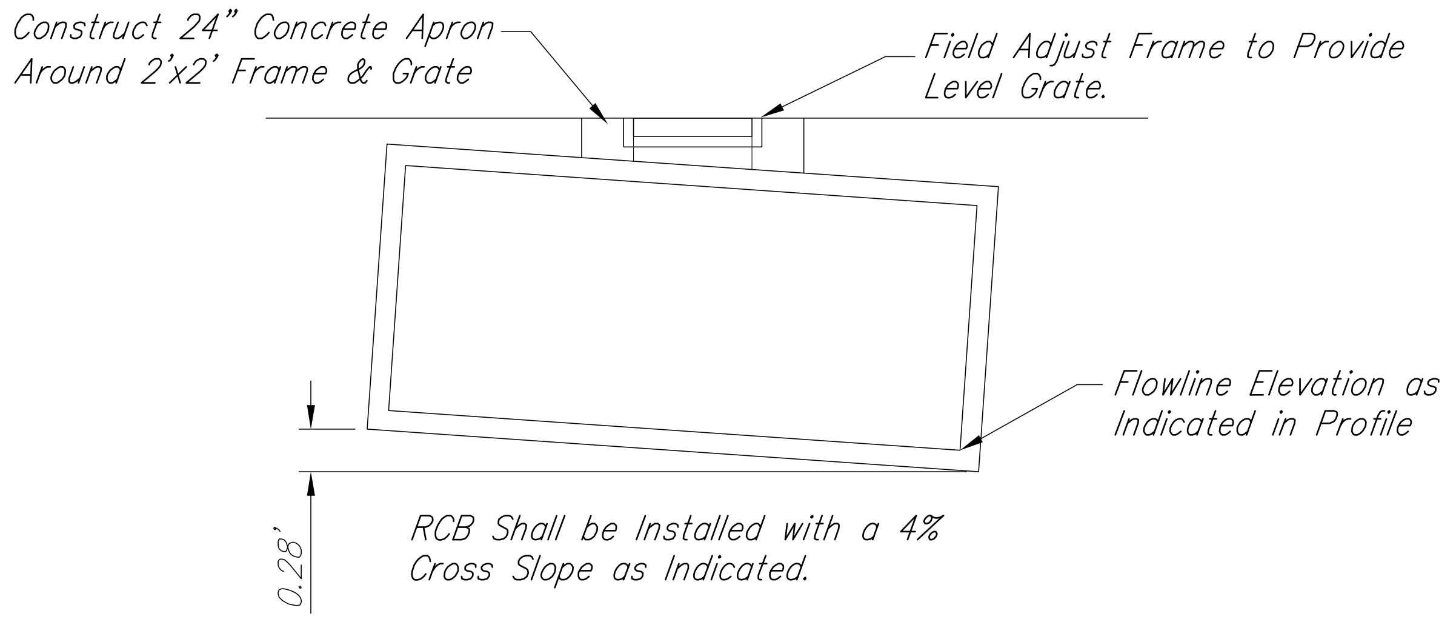
Construct 24" Concrete Apron
Around 2'x2' Frame & Grate
Field Adjust Frame to Provide
Level Grate.
Flowline Elevation as
Indicated in Profile
0.28'
RCB Shall be Installed with a 4%
Cross Slope as Indicated.

SECTION A-A

20' 0 20'
CONTRACTOR TO FILL IN NORTH
30' OF DETENTION POND, MATCH
EXISTING SLOPE (4:1)
CONTRACTOR TO REMOVE 60 L.F.
EXISTING 24" RCP STORM DRAIN.
N 19643.84 E 19920.99
STA. 3+73.73 SWS LINE 1
CONSTRUCT 29°7'25" BEND IN 7'x3' RCB
TOP ELEV. 1295.57
N 19600.57 E 19920.99
STA. 4+16.99 SWS LINE 1 =
STA. 0+00 SWS LINE 1A
INSTALL 2'X2' FRAME AND GRATE OVER RCB
TOP ELEV. 1296.10
N 19694.67 E 19892.67
STA. 3+15.54 SWS LINE 1
CONSTRUCT 22.5° BEND 7'x3' IN RCB
INSTALL 2'X2' FRAME AND GRATE OVER RCB.
TOP ELEV. 1294.88
N 19540.57 E 19920.99
STA. 4+77.00 SWS LINE 1
INSTALL 2'X2' FRAME AND GRATE OVER RCB
TOP ELEV. 1295.88
N 20007.90 E 19889.16
STA. 0+00.00 SWS LINE 1
CONNECT TO EXISTING INLET
FL ELEV. 1289.96
DRAINAGE EASEMENT
(BY SEPARATE INSTR.)
N 19873.81 E 19871.87
STA. 1+35.19 SWS LINE 1
CONSTRUCT 14°25' BEND IN 7'x3' RCB
INSTALL 2'X2' FRAME AND GRATE OVER RCB.
TOP ELEV. 1294.92
Existing Detention Pond
Existing Detention Pond
WM ICV
N 19978.15 E 19885.32
STA. 0+30.00 SWS LINE 1
CONNECT 24" RCP WITH 7'x3' RCB ENDWALL
FL ELEV. 1290.02
CATCH BASIN
24" RCP
4:1
N 19600.57 E 19917.49
STA. 0+03.50 SWS LINE 1A =
~~STA. 14+16.99 SWS LINE 1~~
CONNECT TO 7'x3' RCB
FL ELEV. 1290.80
WATERMAN
UGE
W
G
FLOWLINE SIDE OF BOX
A
A
20' Drainage Easement
10"
8"
6"
12"
12"
12"
8"
8"
SWSMH
18" RCP
16" Elg.
CONTRACTOR TO FILL IN NORTH
DETENTION POND TO 95%
STANDARD PROCTOR DENSITY.
N 19421.23 E 19920.99
STA. 5+96.34 SWS LINE 1
INSTALL 7'x3' RCB MITERED END SECTION.
FL ELEV. 1292.20
EXISTING BRICK WALL
IRRIGATION LINE
GAS MAIN
REMOVE AND REPLACE 370 L.F. A.C. PAVEMENT
ONLY AS NECESSARY FOR SWS INSTALLATION.
EXISTING A.C. PAVEMENT
CONTRACTOR TO REMOVE 410 L.F.
EXISTING RCP STORM DRAIN AND
TWO INLETS.

NOTE: CONTRACTOR SHALL SUPPORT EXISTING BRICK WALL DURING CONSTRUCTION. ANY DAMAGE TO WALL SHALL BE REPAIRED BY CONTRACTOR.

NOTE: ALL SWS TRENCHES SHALL BE BACKFILLED, FLUSHED AND VIBRATED TO BOTTOM OF PROPOSED ROCK BASE. CONTRACTOR MAY USE PRECAST OR CAST-IN-PLACE SECTIONS AT BENDS. SHOP DRAWINGS MUST BE SUBMITTED FOR APPROVAL.

▨ INLET SEDIMENT BARRIER+ (4 LOCATIONS)

STA. 0+00, SWS LINE 1
CONNECT TO EXISTING INLET
STA. 0+30 SWS LINE 1
CONNECT 24" RCP TO ENDWALL
CONTRACTOR TO VERIFY LOCATION
AND DEPTH OF UTILITIES PRIOR TO
CONSTRUCTION.
STA. 1+35.19 SWS LINE 1
CONSTRUCT 14°25' BEND
STA. 3+15.54 SWS LINE 1
CONSTRUCT 22.5° BEND
STA. 3+73.73 SWS LINE 1
CONSTRUCT 29°7'25" BEND
STA. 4+16.99 SWS LINE 1 =
STA. 0+00 SWS LINE 1A
CONNECT TO 24" RCP
STA. 4+77 SWS LINE 1
STA. 5+96.34 SWS LINE 1
END 7'x3' RCB
Underground Electric
1" Irrigation Line
Gas Main
1295
1290
1285
1280
1295
1290
1285
1280
CONSTRUCT 12" SOIL SAVER
ACROSS END OF RCB
30.00 L.F. of 24" RCP
@ 0.20%
105.17 L.F. of 84"
@ 0.20%
180.37 L.F. of 84" x 36" RCB
@ 0.20%
58.19 L.F. of 84" x 36" RCB
@ 0.20%
222.61 L.F. of 84" x 36" RCB
@ 0.20%
1289.96
1290.02
1290.02
0+50
1290.06 FL
1+00
1290.16 FL
1290.23
1290.23
1+50
1290.26 FL
2+00
1290.36 FL
2+50
1290.46 FL
3+00
1290.56 FL
1290.59
1290.59
3+50
1290.66 FL
1290.71
4+00
1290.76 FL
1290.80
4+50
1290.86 FL
5+00
1290.96 FL
5+50
1291.06 FL
1291.16
0+00
0+30
1+35.19
3+15.54
3+73.73
4+16.99
4+77
5+96.34

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REVISED	REVIEW ::
DRAWN RA	DATE ::
DESIGN KWL	UTILITY
PROJECT NUMBER ::	DRAWING FILE ::

INTRUST ARENA PARKING LOT D
STORM SEWER
WICHITA, KANSAS

RB JOB
3420T

SHEET
D4
OF
D15