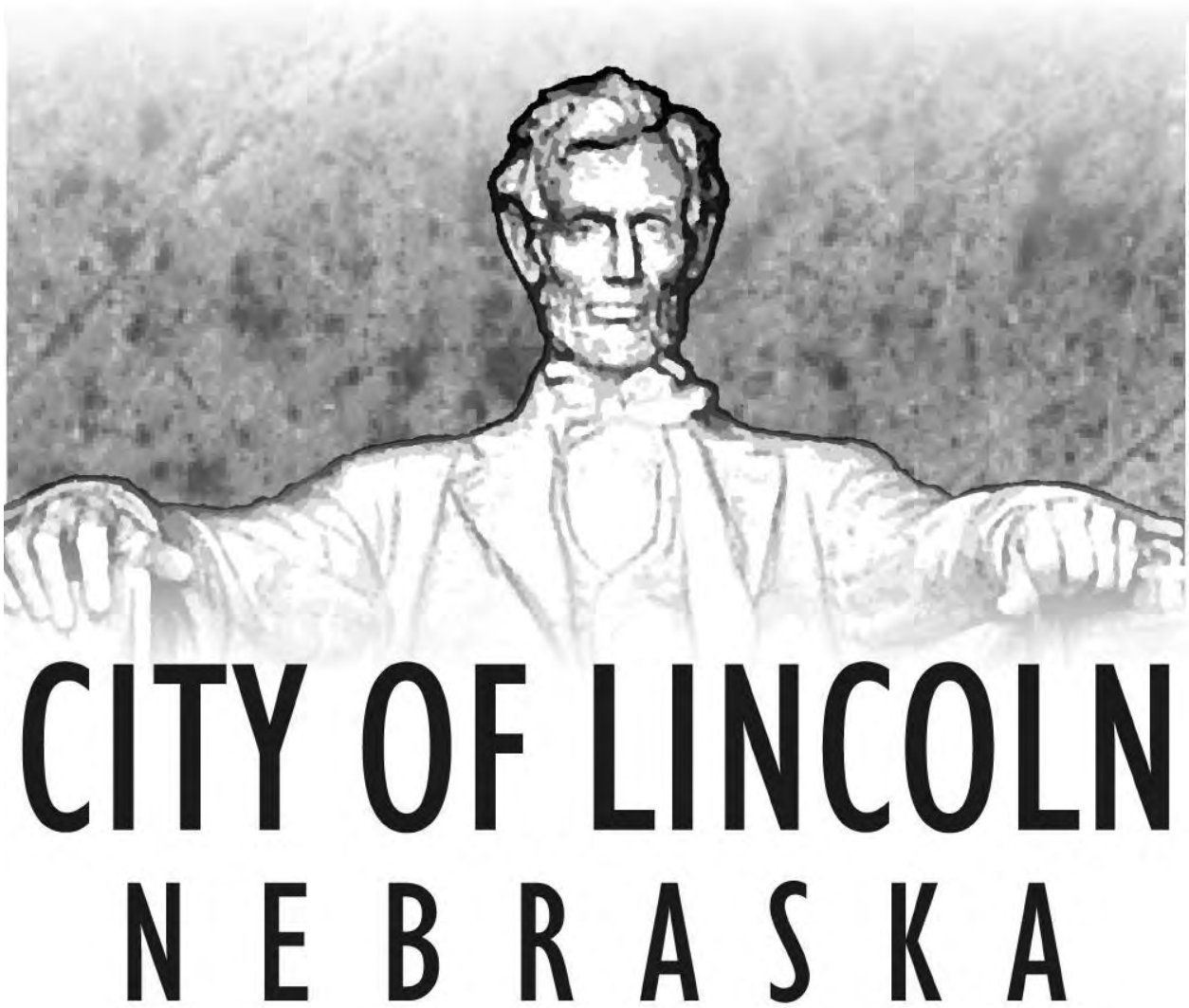
Cell Library



City of Lincoln

October, 2011

PUBLIC WORKS & UTILITIES

Working together to provide quality services to our community

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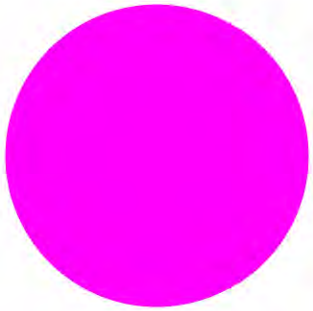
Aerials_V8i.cel

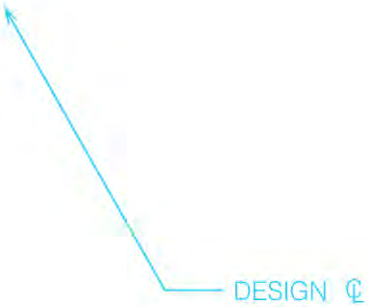
Concept Only – Leader RB

Cell Name: Concept Only
Descrip:

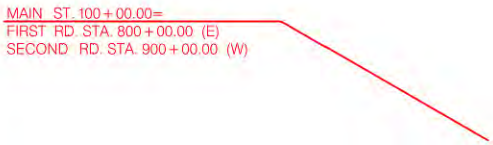
Cell Name: DOT
Descrip:



Cell Name: Design CL
Descrip:

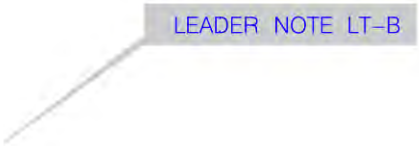


Cell Name: Intersection Station
Descrip:



Cell Name: LINCOLN
Descrip: IMAGE

Cell Name: Leader LB
Descrip:



Cell Name: Leader LT
Descrip:

Cell Name: Leader RB
Descrip:

Leader RT – NARROW Star02

Cell Name: Leader RT
Descrip:

Cell Name: Legend
Descrip:

Cell Name: Legend Exist
Descrip:

Cell Name: Legend Prop
Descrip:

Cell Name: NARROW_A
Descrip:

Cell Name: NARROW_F
Descrip: Fancy

Cell Name: NARROW_Star01
Descrip:

Cell Name: NARROW_Star02
Descrip:

NOTE – Title

Cell Name: NOTE Descrip: The high power transmission line may be in conflict with the propossed design.	Cell Name: PHOTO01 Descrip: Photo Number 1
Cell Name: PHOTO02 Descrip: Photo Arrow	Cell Name: RCPNO Descrip: RCO Number 1
Cell Name: Street Descrip: GRAINGER PARKWAY	Cell Name: Title Descrip: MAIN STREET FIRST RD. TO SECOND RD.

Borders_V8i.cel

Border_Letter – BORDER_PNP_f

Cell Name: BORDER_Letter
Descrip: 8.5x11

Cell Name: BORDER_Letter_f
Descrip: 8.5x11 fed

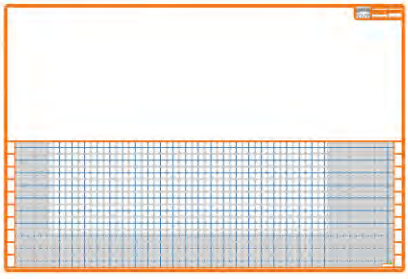
Cell Name: BORDER_PGBK
Descrip: Piggy Back

Cell Name: BORDER_PGBK_f
Descrip: Piggy Back fed

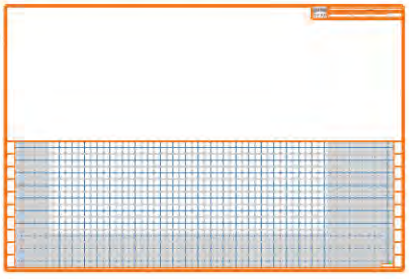
Cell Name: BORDER_PLN
Descrip: Plan

Cell Name: BORDER_PLN_f
Descrip: Plan fed

Cell Name: BORDER_PNP
Descrip: Plan and Profile

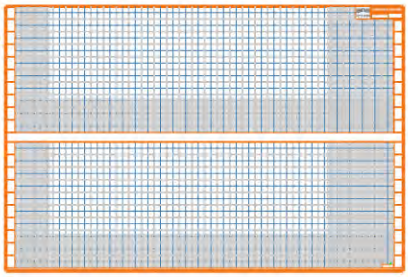


Cell Name: BORDER_PNP_f
Descrip: Plan and Profile fed

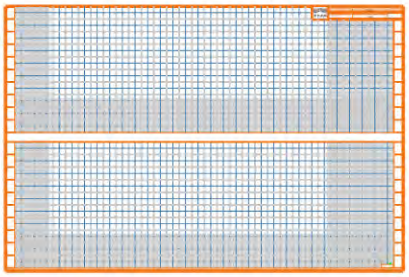


BORDER_PpGbk – PLanPatternBlocks

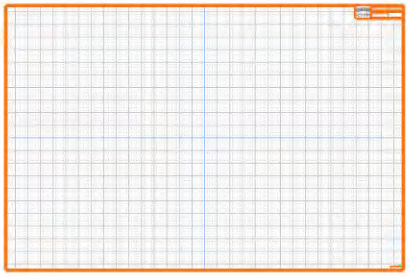
Cell Name: BORDER_PpGbk
Descrip: Profile Piggy Back



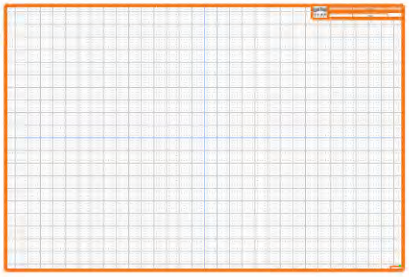
Cell Name: BORDER_PpGbk_f
Descrip: Profile Piggy Back fed



Cell Name: BORDER_XSEC
Descrip: Cross Section

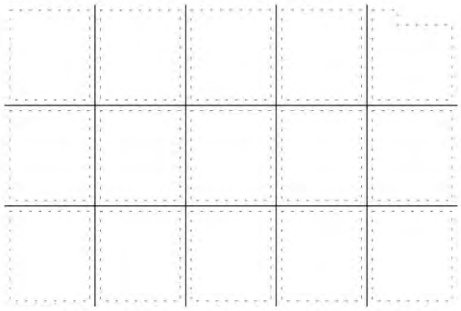


Cell Name: BORDER_XSEC_f
Descrip: Cross Section fed

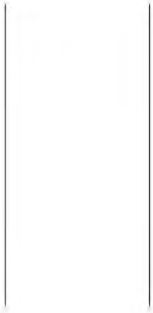


Cell Name: First_Sub
Descrip:

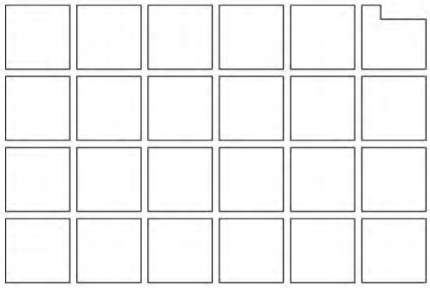
Cell Name: Grid Detail
Descrip: 5x3 Detail Grid



Cell Name: Grid SQ
Descrip: Summary of Quantity Grid



Cell Name: PlanPatternBlocks
Descrip:



Submittal – Title Block Fed

Cell Name: Prelim Submittal
Descrip:

Cell Name: Second_Sub
Descrip:

Cell Name: Title Block
Descrip:

XS 1

ABC

20 DEF

20 GHI

Cell Name: Title Block Fed
Descrip: Federal use only

Build_Notes_V8i.cel

01.02001 - 01.13001

Cell Name: 01.02001
Descrip: Survey Monument and Box

1.02001
SURVEY MONUMENT AND BOX

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 01.03001
Descrip: Property Pin Establishment

1.03001
PROPERTY PIN ESTABLISHMENT

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 01.04001
Descrip: Pavt & Sidewalk Rem.

1.04001
PAVEMENT AND SIDEWALK REMOVAL

STATION TO STATION	SIDE	CY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 01.05001–01.09001
Descrip: Sawing

1.05001 – 1.09001
SAWING

STATION TO STATION	SIDE	TYPE	LF
1234+56.78 – 9876+54.32	LT. & RT.	'A'	123.4

Cell Name: 01.11001
Descrip: Adj. MH to Grade

1.11001
ADJUST MANHOLE TO GRADE

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 01.12001
Descrip: Adj. Inlet to Grade

1.12001
ADJUST INLET TO GRADE

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 01.12002
Descrip: Adj. Grate Inlet to Grade

1.12002
ADJUST GRATE INLET TO GRADE

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 01.13001
Descrip: Adj. Water Valve Box to Grade

1.13001
ADJUST WATER VALVE BOX TO GRADE

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 01.13002
Descrip: Adj. Water Stop Box to Grade

ADJUST WATER STOP BOX TO GRADE — *1.13002*

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 02.02012–02.02036
Descrip: Tree Removal

TREE REMOVAL — *02.02012 – 02.02036*

STATION TO STATION	SIDE	SIZE	EA
1234+56.78 – 9876+54.32	LT. & RT.	12" to 23"	1

Cell Name: 02.02112–02.02136
Descrip: Stump Removal

STUMP REMOVAL — *02.0112 – 02.02136*

STATION TO STATION	SIDE	SIZE	EA
1234+56.78 – 9876+54.32	LT. & RT.	12" to 23"	1

Cell Name: 02.03001
Descrip: Transplant Tree (Sapling to 6")

TRANSPLANT TREE (SAPLING – 6") — *2.03001*

STATION	SIDE	EA
123+45.67	CL	1

Cell Name: 02.04001
Descrip: Remove & Reset Fence

REMOVE & RESET FENCE — *2.04001*

STATION	OFFSET	SIZE	FL	EA
1234+56.78	43.50' LT.	18"	1234.56	1

Cell Name: 02.09001
Descrip: Parking Space Finish

PARKING SPACE FINISH — *2.09001*

STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 03.06001
Descrip: Flowable Fill

FLOWABLE FILL — *3.06001*

STATION TO STATION	SIDE	CY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09006–04.09010
Descrip: P.C.C. Pavement

P.C.C. PAVEMENT — *4.09006 – 4.09010*

STATION TO STATION	SIDE	THICK	SY
1234+56.78 – 9876+54.32	LT. & RT.	?"	1234

04.09106-04.09110 - 04.09604

Cell Name: 04.09106–04.09110
Descrip: P.C.C. Pavement w/Int. Curb

P.C.C. PAVEMENT WITH INTEGRAL CURB — *4.09106 – 4.09110*

STATION TO STATION	SIDE	THICK	SY
1234+56.78 – 9876+54.32	LT. & RT.	?"	1234

Cell Name: 04.09206–04.09210
Descrip: R.P.C.C. Pavement

R.P.C.C. PAVEMENT — *4.09206 – 4.09210*

STATION TO STATION	SIDE	THICK	SY
1234+56.78 – 9876+54.32	LT. & RT.	?"	1234

Cell Name: 04.09304–04.09306
Descrip: Concrete Sidewalk

CONCRETE SIDEWALK — *4.09304 – 4.09306*

STATION TO STATION	SIDE	THICK	SF
1234+56.78 – 9876+54.32	LT. & RT.	4"	123.4

Cell Name: 04.09405–04.09406
Descrip: Concrete Driveway

CONCRETE DRIVEWAY — *4.09405 – 4.09406*

STATION TO STATION	SIDE	THICK	SF
1234+56.78 – 9876+54.32	LT. & RT.	5"	123.4

Cell Name: 04.09505
Descrip: Concrete Bikeway, 5"

CONCRETE BIKEWAY, 5" — *4.09505*

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09601
Descrip: Combined Curb & Gutter

COMBINED CURB & GUTTER — *4.09601*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09602
Descrip: Conc. Barrier Curb (9" X 20")

CONCRETE BARRIER CURB (9" x 20") — *4.09602*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09604
Descrip: Conc. Median Curb

CONCRETE MEDIAN CURB — *4.09604*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

04.09700 – 05.07000

Cell Name: 04.09700
Descrip: Remove Conc. Header

4.09700

REMOVE CONCRETE HEADER

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09701
Descrip: Install Conc. Header

4.09701

INSTALL CONCRETE HEADER

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09800
Descrip: Conc. Median Nose

4.09800

CONCRETE MEDIAN NOSE

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 04.09804
Descrip: 4" Conc. Median Surfacing

4.09804

4" CONC. MEDIAN SURFACING

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.09806
Descrip: 6" Tack–on Conc. Median

4.09806

6" TACK–ON CONC. MEDIAN

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 04.10006–04.10008
Descrip: P.C.C. Alley Pavement

4.10006 – 4.10008

P.C.C. ALLEY PAVEMENT

STATION TO STATION	SIDE	THICK	SY
1234+56.78 – 9876+54.32	LT. & RT.	6"	1234

Cell Name: 04.11001
Descrip: Dectable Warning Panels

4.11001

DETECTABLE WARNING PANELS

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 05.07000
Descrip: Concrete Base, LB–2750, 5"

5.07000

CONCRETE BASE, LB–2750, 5"

STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 05.07005–05.07008
Descrip: Concrete Base, LB–3500

CONCRETE BASE, LB–3500 — *5.07005 – 5.07008*

STATION TO STATION	SIDE	THICK	SY
1234+56.78 – 9876+54.32	LT. & RT.	?"	1234

Cell Name: 06.04000
Descrip: Surface Milling

SURFACE MILLING — *6.04000*

STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 06.04100
Descrip: Non–Woven Pavt Overlay Fabric

NON–WOVEN PAVT OVERLAY FABRIC — *6.04100*

STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 06.04200
Descrip: Asph. Conc. Curb

ASPHALTIC CONCRETE CURB — *6.04200*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 06.06001–06.06004
Descrip: Asphaltic Concrete

ASPHALTIC CONCRETE — *06.06001 – 06.06004*

STATION TO STATION	SIDE	TYPE	TON
1234+56.78 – 9876+54.32	LT. & RT.	1,2,3,4	1234

Cell Name: 07.04001–07.05001
Descrip: Conc. for Steps & Retaining Walls

CONC. & STEEL FOR STEPS & RETAINING WALLS — *7.04001 – 7.05001*

STATION RANGE	SIDE	STEEL	CY
1234+56.78 – 9876+54.32	LT. & RT.	120 Lb	123.4

Cell Name: 07.12001
Descrip: Handrails

HANDRAILS — *7.12001*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 07.14001
Descrip: Modular Block Retaining Wall

MODULAR BLOCK RET. WALL — *7.14001*

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

08.02042-08.02072 - 13.01003

Cell Name: 08.02042–08.02072
Descrip: Chain Link Fence

8.02042 – 8.02072

CHAIN LINK FENCE

STATION RANGE	SIDE	HEIGHT	LF
1234+56.78 – 9876+54.32	LT. & RT.	42"–72"	123.4

Cell Name: 08.03048
Descrip: 48" Pipe Railing Fence

8.03048

48" PIPE RAILING FENCE

STATION RANGE	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 09.03001
Descrip: Crushed Rock Roadway Surfacing

9.03001

CRUSHED ROCK ROADWAY SURFACING

STATION	SIDE	TON
1234+56.78	CL	1.1

Cell Name: 09.03002
Descrip: Gravel Surfacing

9.03002

GRAVEL SURFACING

STATION	SIDE	TON
1234+56.78	CL	1.2

Cell Name: 09.04001
Descrip: Crushed Rock Bikeway Surfacing

9.04001

CRUSHED ROCK BIKEWAY SURFACING

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 13.01001
Descrip: Rem Pavement Mkg, ARROW

13.01001

REMOVE PAVEMENT MKG, ARROW

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 13.01002
Descrip: Rem Pavement Mkg, RR Xing

13.01002

REM. PAVEMENT MKG, "RR XING"

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 13.01003
Descrip: Rem Pavement Mkg, ONLY

13.01003

REMOVE PAVEMENT MKG, "ONLY"

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 13.01004–13.01024
Descrip: Remove Pavement Mkg

REMOVE PAVEMENT MKG — *13.01004 – 13.01024*

STATION – STATION	OFFSET	LF
1234+56.78 – 9876+54.32	12.34' RT. – 12.34' LT.	12.3

Cell Name: 13.02501–13.02508
Descrip: Grooved Prfmd Plastic Mkg, Symbol

GROOVED PREFORMED PLASTIC MARKING — *13.02501 – 13.02508*

STATION	OFFSET	TYPE	EA
1234+56.78	12.34' RT.	(PICK ONE) LT. ARROW RT. ARROW ST. ARROW LT./ST. ARROW RT./ST. ARROW RR XING ONLY TRIANGLES	1

Cell Name: 13.03004–13.03024
Descrip: Thermoplastic Molten Mkg

THERMOPLASTIC MOLTEN MARKING — *13.03004 – 13.03024*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" WHITE 4" YELLOW 6" YELLOW 8" WHITE 8" YELLOW 12" WHITE 12" YELLOW 24" WHITE	1234.5

Cell Name: 13.03504–13.03524
Descrip: Grooved Thermoplastic Molten Mkg

GROOVED THERMOPLASTIC MOLTEN MARKING — *13.03504 – 13.03524*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" WHITE 4" YELLOW 6" YELLOW 8" WHITE 8" YELLOW 12" WHITE 12" YELLOW 24" WHITE	1234.5

Cell Name: 13.04008–13.04024
Descrip: Liquid Polyurea Mkg, Type I

LIQUID POLYUREA MARKING, TYPE I — *13.04008 – 13.04024*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 8" WHITE 8" YELLOW 12" WHITE 12" YELLOW 24" WHITE	1234.5

Cell Name: 13.04508–13.04524
Descrip: Grooved Liquid Polyurea Mkg, Type I

GROOVED LIQUID POLYUREA MARKING, TYPE I — *13.04508 – 13.04524*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 8" WHITE 8" YELLOW 12" WHITE 12" YELLOW 24" WHITE	1234.5

Cell Name: 13.05004–13.05009
Descrip: Liquid Polyurea Mkg, Type II

LIQUID POLYUREA MARKING, TYPE II — *13.05004 – 13.05009*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 8" WHITE 8" YELLOW 12" WHITE 12" YELLOW 24" WHITE	1234.5

Cell Name: 13.05504–13.05509
Descrip: Grooved Liquid Polyurea Mkg, Type II

GROOVED LIQUID POLYUREA MARKING, TYPE II — *13.05504 – 13.05509*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" WHITE 4" YELLOW 6" YELLOW 8" WHITE 8" YELLOW	1234.5

Cell Name: 13.06004–13.06009
Descrip: Liquid Polyurea Mkg, Type III

LIQUID POLYUREA MARKING, TYPE III — *13.06004 – 13.06009*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" WHITE 4" YELLOW 6" YELLOW 8" WHITE 8" YELLOW	1234.5

Cell Name: 13.06504–13.06509
Descrip: Grooved Liquid Polyurea Mkg, Type III

GROOVED LIQUID POLYUREA MARKING, TYPE III — *13.06504 – 13.06509*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" WHITE 4" YELLOW 6" YELLOW 8" WHITE 8" YELLOW	1234.5

Cell Name: 13.07004–13.07013
Descrip: Paint Mkg

PAINT MARKING — *13.07004 – 13.07013*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" WHITE 4" YELLOW 6" YELLOW 8" WHITE 8" YELLOW 12" WHITE 12" YELLOW	1234.5

Cell Name: 13.08010
Descrip: Raised Pavement Markers

RAISED PAVEMENT MARKERS — *13.08010*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 13.09001–13.09002
Descrip: Tubular Markers

TUBULAR MARKER — *13.09001 – 13.09002*

STATION	OFFSET	TYPE	EA
1234+56.78	12.34' RT.	(PICK ONE) CHANNEL MOUNT SURFACE MOUNT	1

Cell Name: 13.11004–13.11012
Descrip: Temporary Mkg

TEMPORARY MARKING — *13.11004 – 13.11012*

STATION TO STATION	OFFSET	TYPE	LF
1234+56.78 – 9876+54.32	12.34' RT. – 43.21' RT.	(PICK ONE) 4" 8" 12"	1234.5

Cell Name: 14.01010
Descrip: Traffic, < 4 Sq. Ft.

TRAFFIC SIGN, < 4 SQ. FT. — *14.01010*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01011
Descrip: Traffic, FYG < 4 Sq. Ft.

TRAFFIC SIGN, FYG, < 4 SQ. FT. — *14.01011*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01012
Descrip: Traffic, 4 Sq. Ft. < 9 Sq. Ft.

TRAFFIC SIGN, 4 SQ. FT. < 9 SQ. FT. *14.01012*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01013
Descrip: Traffic, FYG, 4 Sq. Ft. < 9 Sq. Ft.

TRAFFIC SIGN, FYG, 4 SQ. FT. < 9 SQ. FT. *14.01013*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01014
Descrip: Traffic, 9 Sq. Ft. OR >

TRAFFIC SIGN, 9 SQ. FT. OR > *14.01014*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01015
Descrip: Traffic, FYG, 9 Sq. Ft. OR >

TRAFFIC SIGN, FYG, 9 SQ. FT. OR > *14.01015*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01110
Descrip: Remove Traffic Sign Only

REMOVE TRAFFIC SIGN ONLY *14.01110*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01111
Descrip: Remove Traffic Sign and Post

REMOVE TRAFFIC SIGN AND POST *14.01111*

STATION	OFFSET	EA
1234+56.78	12.34' RT.	1

Cell Name: 14.01112
Descrip: Relocate Sign and Post

RELOCATE SIGN AND POST *14.01112*

EXIST. STATION – OFFSET	PROP. STATION – OFFSET	EA
1234+56.78 – 4.32' LT.	8765+43.21 – 2.34' RT.	1

Cell Name: 14.03210
Descrip: "U" Channel Sign Posts

"U" CHANNEL SIGN POSTS *14.03210*

STATION	OFFSET	LF
1234+56.78	12.34' RT.	4

14.03211 - 20.09001-20.09002

Cell Name: 14.03211
Descrip: Ground Sleeve

GROUND SLEEVE — *14.03211*

STATION	OFFSET	EA
1234 + 56.78	12.34' RT.	1

Cell Name: 14.04010
Descrip: Street Name Posts (Round)

STREET NAME POSTS (ROUND) — *14.04010*

STATION	OFFSET	LF
1234 + 56.78	12.34' RT.	5

Cell Name: 14.05001
Descrip: Dead End Barricade

DEAD END BARRICADE — *14.05001*

STATION	SIDE	EA
1234 + 56.78	CL	1

Cell Name: 14.05002
Descrip: Remove Dead End Barricade

REMOVE DEAD END BARRICADE — *14.05002*

STATION	SIDE	EA
1234 + 56.78	CL	1

Cell Name: 20.06106–20.06116
Descrip: Directional Drilling for Water Main

DIRECTIONAL DRILLING FOR WATER MAIN — *20.06106 – 20.06116*

NO.	STATION TO STATION	SIDE	SIZE	LF
1	1234 + 56.78 – 9876 + 54.32	RT.	6" 8" 10" 12" 16"	123.4

Cell Name: 20.07001–20.07002
Descrip: Conc. for Collars, Elbows, Plugs & Headwalls

CONC. & STEEL FOR COLLARS, ELBOWS, PLUGS & HEADWALLS — *20.07001 – 20.07002*

NO.	STATION	OFFSET	FL	CONC. (CY.)	STEEL (LB)	DESCRIPTION
1	1234 + 56.78	12.34' RT.	1234.56	1.2	1.2	HEADWALL, TYPE B

Cell Name: 20.08001–20.08002
Descrip: Conc & Steel for Plugs & Collars

CONC. & STEEL FOR PLUGS & COLLARS — *20.08001 – 20.08002*

NO.	STATION	OFFSET	SIZE	CONC. (CY)	STEEL (LB)
1	1234 + 56.78	12.34' LT.	36"	12.3	123.4

Cell Name: 20.09001–20.09002
Descrip: Conc & Steel for Thrust Blocks & Anchorages

CONC. & STEEL FOR THRUST BLOCKS & ANCHORAGES — *20.09001 – 20.09002*

STATION	OFFSET	SIZE	CONC. (CY)	STEEL (LB)
1234 + 56.78	12.34' LT.	36"	12.3	123.4

21.03012-21.03072 - 21.05003

Cell Name: 21.03012–21.03072
Descrip: Rem. Storm Sewer Pipe

REMOVE STORM SEWER PIPE — *21.03012 – 21.03072*

STATION TO STATION	OFFSET	SIZE	LF
1234+56.78 – 9876+54.32	43.50' LT.	?"	123.4

Cell Name: 21.03115–21.03172
Descrip: Remove & Relay R.C.P. Storm Sewer

REMOVE & RELAY R.C.P. STORM SEWER — *21.03115 – 21.03172*

STATION	OFFSET	SIZE	FL	EA
1234+56.78	43.50' LT.	?"	1234.56	1

Cell Name: 21.03215–21.03272
Descrip: Remove & Salvage R.C.P. Storm Sewer

REMOVE & SALVAGE R.C.P. STORM SEWER — *21.03215 – 21.03272*

STATION TO STATION	OFFSET	SIZE	LF
1234+56.78 – 9876+54.32	43.50' LT.	?"	123.4

Cell Name: 21.03315–21.03572
Descrip: R.C.P. Storm Sewer

R.C.P. STORM SEWER — *21.03315 – 21.03572*

NO.	SIZE	LF	CLASS	DESCRIPTION
1234	?"	123.4	III–V	MH 1 to MH 2

Cell Name: 21.03614–21.03653
Descrip: Elliptical R.C.P. Storm Sewer

ELLIPTICAL R.C.P. STORM SEWER — *21.03614 – 21.03653*

NO.	SIZE	LF	DESCRIPTION
1234	14"x23" 19"x30" 24"x38" 29"x45" 34"x53" 38"x60" 43"x68" 48"x76" 53"x83"	123.4	MH 1 to MH 2

Cell Name: 21.05001
Descrip: Tap Ex. Storm Sewer MH & Replace Invert

TAP EX. STORM SEWER MANHOLE & REPLACE INVERT — *21.05001*

NO.	STATION	OFFSET	EX. FL	TAP FL
1234	1234+56.78	12.34' RT.	1234.56	1234.56

Cell Name: 21.05002
Descrip: Tap Ex. Storm Sewer Inlet & Replace Invert

TAP EX. STORM SEWER INLET & REPLACE INVERT — *21.05002*

NO.	STATION	OFFSET	EX. FL	TAP FL
1234	1234+56.78	12.34' RT.	1234.56	1234.56

Cell Name: 21.05003
Descrip: Tap Ex. R.C. Pipe

TAP EXISTING R.C. PIPE — *21.05003*

NO.	STATION	OFFSET	EX. FL	TAP FL
1234	1234+56.78	12.34' RT.	48"=1234.56	15"=1234.56

21.05004 - 21.12015-21.12072

Cell Name: 21.05004
Descrip: Tap Ex. R.C. Box

TAP EXISTING R.C. BOX *21.05004*

NO.	STATION	OFFSET	EX. FL	TAP FL
1234	1234+56.78	12.34' RT.	48"=1234.56	15"=1234.56

Cell Name: 21.07015–21.07078
Descrip: Storm Sewer MH

STORM SEWER MANHOLE *21.07015 – 21.07078*

NO.	STATION	OFFSET	SIZE	RIM EL	FL
1234	1234+56.78	12.34' RT.	15"–30" 36" 42" 42"–48" 54" 54"–60" 66" 66"–72" 78"	1234.56	15"=1234.56

Cell Name: 21.08001–21.08003
Descrip: Storm Sewer Inlet, 72"

STORM SEWER INLET, 72" *21.08001 – 21.08003*

NO.	STATION	OFFSET	TYPE	RIM EL	FL
1234	1234+56.78	12.34' RT.	S–C–R	1234.56	15"=1234.56

Cell Name: 21.08010–21.08014
Descrip: Grate Inlet

GRATE INLET *21.08010 – 21.08014*

NO.	STATION	OFFSET	TYPE	RIM EL	FL
1234	1234+56.78	12.34' RT.	E–F–H	1234.56	15"=1234.56

Cell Name: 21.09001
Descrip: Convert Inlet to MH

CONVERT INLET TO MANHOLE *21.09001*

STATION	OFFSET	EX. FL	PROP FL
1234+56.78	12.34' RT.	1234.56	1234.56

Cell Name: 21.10001
Descrip: Channel Excavation

CHANNEL EXCAVATION *21.10001*

STATION TO STATION	SIDE	CY
1234+56.78 – 9876+54.32	LT.	1234.56

Cell Name: 21.11002–21.11010
Descrip: R.C. Low Flow Liner

R.C. LOW FLOW LINER *21.11002 – 21.11010*

STATION TO STATION	SIDE	SIZE	LF
1234+56.78 – 9876+54.32	LT.	2'–10'	1234.5

Cell Name: 21.12015–21.12072
Descrip: Remove FES

REMOVE R.C. F.E.S. *21.12015 – 21.12072*

STATION	OFFSET	SIZE	EA
1234+56.78	12.34' RT.	?"	1

21.12115-21.12172 - 21.13005

Cell Name: 21.12115–21.12172
Descrip: Remove & Reset FES

REMOVE & RESET R.C. F.E.S. *21.12115 – 21.12172*

STATION	OFFSET	SIZE	FL	EA
1234 + 56.78	12.34' RT.	?"	1234.56	1

Cell Name: 21.12215–21.12272
Descrip: R.C. F.E.S.

R.C. FLARED END SECTION *21.12215 – 21.12272*

NO.	STATION	OFFSET	SIZE	FL
1234	1234 + 56.78	12.34' RT.	?"	1234.56

Cell Name: 21.12315–21.12372
Descrip: R.C. F.E.S. w/ Grate

R.C. FLARED END SECTION w/ GRATE *21.12315 – 21.12372*

NO.	STATION	OFFSET	SIZE	FL
1234	1234 + 56.78	12.34' RT.	?"	1234.56

Cell Name: 21.13001
Descrip: Remove Ex. Manhole

REMOVE EX. MANHOLE *21.13001*

STATION	OFFSET	EA
1234 + 56.78	12.34' LT.	1

Cell Name: 21.13002
Descrip: Remove Ex. Inlet

REMOVE EX. INLET *21.13002*

STATION	OFFSET	EA
1234 + 56.78	12.34' LT.	1

Cell Name: 21.13003
Descrip: Remove Ex. Junction Box

REMOVE EX. JUNCTION BOX *21.13003*

STATION	OFFSET	EA
1234 + 56.78	12.34' LT.	1

Cell Name: 21.13004
Descrip: Remove Ex. Grate Inlet

REMOVE EX. GRATE INLET *21.13004*

STATION	OFFSET	EA
1234 + 56.78	12.34' LT.	1

Cell Name: 21.13005
Descrip: Remove Ex. Headwall

REMOVE EX. HEADWALL *21.13005*

STATION	OFFSET	EA
1234 + 56.78	12.34' LT.	1

Cell Name: 21.14001
Descrip: Rip–Rap

RIP–RAP *21.14001*

STATION TO STATION	SIDE	TON
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 21.14002
Descrip: Rip–Rap w/Filter Fabric

RIP–RAP w/FILTER FABRIC *21.14002*

STATION TO STATION	SIDE	TON
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 21.15001
Descrip: Wire Gabion

WIRE GABION *21.15001*

STATION TO STATION	SIDE	EA
1234+56.78 – 9876+54.32	RT.	1

Cell Name: 21.15002
Descrip: Wire Gabion PVC Coated

WIRE GABION PVC COATED *21.15002*

STATION TO STATION	SIDE	EA
1234+56.78 – 9876+54.32	LT.	1

Cell Name: 21.16001
Descrip: Geotextile Filter Fabric

GEOTEXTILE FILTER FABRIC *21.16001*

STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 22.03001
Descrip: Tap Ex. MH & Replace Invert

TAP EX. MANHOLE & REPLACE INVERT *22.03001*

STATION	OFFSET	EX. FL	TAP FL
1234+56.78	12.34' RT.	1234.56	8"=1234.56

Cell Name: 22.03002
Descrip: Convert Ex. MH to Drop MH

CONVERT EX. MANHOLE TO DROP MANHOLE *22.03002*

STATION	OFFSET	EX. FL	PROP FL
1234+56.78	12.34' RT.	1234.56	1234.56

Cell Name: 22.03101
Descrip: Remove Sanitary Sewer MH

REMOVE SANITARY SEWER MANHOLE *22.03101*

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

22.03102 – 22.07202–22.07302

Cell Name: 22.03102
Descrip: Fill & Abandon Ex. MH

FILL & ABANDON EX. MANHOLE — *22.03102*

STATION	OFFSET	EA
1234 + 56.78	12.34' LT.	1

Cell Name: 22.05000–22.05048
Descrip: Sanitary Sewer Pipe

SANITARY SEWER PIPE — *22.05000 – 22.05048*

NO.	SIZE	LF	DESCRIPTION
1234	8"(C900 PVC)	123.4	MH 1 to MH 2

8"
10"
12"
15"
18"
21"
24"
27"
48"

Cell Name: 22.05208–22.05210
Descrip: Sanitary Sewer Plug

SANITARY SEWER PLUG — *22.05208 – 22.05210*

STATION	OFFSET	SIZE	EA
1234 + 56.78	12.34' RT.	8"–10"	1234.56

Cell Name: 22.07001–22.07101
Descrip: Std. MH Ty G

STD. MANHOLE, TY. G — *22.07001 – 22.07101*

NO.	STATION	OFFSET	RIM EL	FL	VF	EA
1	1234 + 56.78	12.34' RT.	1234.56	1234.56	6.0	1

Cell Name: 22.07002–22.07102
Descrip: Std. MH Ty P

STD. MANHOLE, TY. P — *22.07002 – 22.07102*

NO.	STATION	OFFSET	RIM EL	FL	VF	EA
1	1234 + 56.78	12.34' RT.	1234.56	1234.56	6.0	1

Cell Name: 22.07003–22.07103
Descrip: Std. MH Ty S

STD. MANHOLE, TY. S — *22.07003 – 22.07103*

NO.	STATION	OFFSET	RIM EL	FL	VF	EA
1	1234 + 56.78	12.34' RT.	1234.56	1234.56	6.0	1

Cell Name: 22.07201–22.07301
Descrip: Std. Drop MH Ty H

STD. DROP MANHOLE, TY. H — *22.07201 – 22.07301*

NO.	STATION	OFFSET	RIM EL	FL	VF	EA
1	1234 + 56.78	12.34' RT.	1234.56	1234.56	6.0	1

Cell Name: 22.07202–22.07302
Descrip: Std. Drop MH Ty Q

STD. DROP MANHOLE, TY. Q — *22.07202 – 22.07302*

NO.	STATION	OFFSET	RIM EL	FL	VF	EA
1	1234 + 56.78	12.34' RT.	1234.56	1234.56	6.0	1

Cell Name: 22.07203–22.07303
Descrip: Std. Drop MH Ty R

STD. DROP MANHOLE, TY. R — *22.07203 – 22.07303*

NO.	STATION	OFFSET	RIM EL	FL	VF	EA
1	1234+56.78	12.34' RT.	1234.56	1234.56	6.0	1

Cell Name: 22.08084–22.08106
Descrip: WYE

WYE — *22.08084 – 22.08106*

STATION	OFFSET	SIZE	EA
1234+56.78	12.34' LT.	8"x4" 8"x6" 10"x4" 10"x6"	1

Cell Name: 22.08201
Descrip: Construct Sanitary Sewer Service

CONSTRUCT SANITARY SEWER SERVICE — *22.08201*

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

Cell Name: 22.08202
Descrip: Reconstruct Sanitary Sewer Service

RECONSTRUCT SANITARY SEWER SERVICE — *22.08202*

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

Cell Name: 22.08304–22.08308
Descrip: Sanitary Sewer Service Pipe

SANITARY SEWER SERVICE PIPE — *22.08304 – 22.08308*

NO.	SIZE	LF	DESCRIPTION
1234	4"–8"	123.4	MH 1 to MH 2

Cell Name: 22.08400
Descrip: Boring for Sewer Service Pipe

BORING FOR SEWER SERVICE PIPE — *22.08400*

NO.	SIZE	LF	DESCRIPTION
1234	4"–8"	123.4	MH 1 to MH 2

Cell Name: 23.04004–23.04036
Descrip: Remove Water Main

REMOVE WATER MAIN — *23.04004 – 23.04036*

STATION TO STATION	SIDE	SIZE	LF
1234+56.78 – 9876+54.32	RT.	?"	123.4

Cell Name: 23.04101
Descrip: Remove & Salvage Hydrant

REMOVE & SALVAGE HYDRANT — *23.04101*

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

23.04101-23.04109 - 23.08006-23.08400

Cell Name: 23.04101–23.04109
Descrip: Remove & Salvage Fitting

REMOVE & SALVAGE FITTING — 23.04102 – 23.04109

STATION	OFFSET	SIZE	TYPE	EA
1234+56.78	12.34' LT.	16"	PLUG ANCH COUP ANCH PIPE GATE VLV & BOX REDUCER BEND CROSS TEE	1

Cell Name: 23.04111
Descrip: Remove & Reset Hydrant

REMOVE & RESET HYDRANT — 23.04111

NO.	EX. STATION–OFFSET	PROP. STATION–OFFSET	EA
1	123+45.67 – 52.10' RT.	765+43.21 – 62.50' RT.	1

Cell Name: 23.04112–23.04121
Descrip: Remove & Reset Fitting

REMOVE & RESET FITTING — 23.04112 – 23.04121

NO.	EX. STATION–OFFSET	PROP. STATION–OFFSET	SIZE	TYPE	EA
1	123+45.67 – 52.10' RT.	765+43.21 – 62.50' RT.	16"	PLUG ANCH COUP ANCH PIPE GATE VLV & BOX REDUCER BEND CROSS TEE	1

Cell Name: 23.04121
Descrip: Remove Hydrant

REMOVE HYDRANT — 23.04121

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

Cell Name: 23.04122–23.04129
Descrip: Remove Fitting

REMOVE FITTING — 23.04122 – 23.04129

STATION	OFFSET	SIZE	TYPE	EA
1234+56.78	12.34' LT.	16"	PLUG ANCH COUP ANCH PIPE GATE VLV & BOX REDUCER BEND CROSS TEE	1

Cell Name: 23.07004–23.07030
Descrip: Water Main

WATER MAIN — 23.07004 – 23.07030

NO.	STATION TO STATION	SIDE	SIZE	LF
1	1234+56.78 – 9876+54.32	RT.	4"–30"	123.4

Cell Name: 23.07070–23.08226
Descrip: Ductile Iron Water Main Fittings, MJ

DUCTILE IRON WATER MAIN FITTINGS, M.J. — 23.07070 – 23.08226

NO.	STATION	OFFSET	DESCRIPTION
1	1234+56.78	12.34' RT.	1 – 24" x 16" TEE, M.J.
2	1234+56.78	12.34' RT.	1 – 16" x 12" CROSS, M.J.
3	1234+56.78	12.34' RT.	1 – 16" x 90° BEND, M.J.

Cell Name: 23.08006–23.08400
Descrip: Water Valve &/or Hydrant

WATER VALVE AND/OR HYDRANT — 23.08006 – 23.08400

NO.	STATION	OFFSET	DESCRIPTION
1	1234+56.78	12.34' RT.	1 – 16" BUTTERFLY VALVE, M.J.
2	1234+56.78	12.34' RT.	1 – 12" x 12" TAPPING SLEEVE & VALVE, M.J.
3	1234+56.78	12.34' RT.	1 – 8" GATE VALVE, M.J.
4	1234+56.78	12.34' RT.	1 – 6" GATE VALVE, M. J. 1 – 6" ANCHORING COUPLING, M. J. (L= 18") 1 – HYDRANT, COMPLETE (TYPE II, L= 6.5', RIGHT)

23.09001 – 31.03001

Cell Name: 23.09001
Descrip: Temporary Hydrant and Blow–Off

TEMPORARY HYDRANT AND BLOW–OFF *23.09001*

NO.	STATION	OFFSET	EA
1	1234+56.78	12.34' LT.	1

Cell Name: 23.10475–23.10600
Descrip: Boring for Water Service Pipe

BORING FOR WATER SERVICE PIPE *23.10475 – 23.10600*

NO.	STATION TO STATION	SIDE	SIZE	LF
1	1234+56.78 – 9876+54.32	RT.	0.75" 1" 1.25" 1.5" 2"	123.4

Cell Name: 23.10700–23.10901
Descrip: ReconLoop Water Service

RECONSTRUCT/ LOOP WATER SERVICE PIPE *23.10075 – 23.10901*

NO.	ADDRESS	EXIST.	RECON.	LOOP	SIZE	LF
10	123 MAIN ST	LEAD	1 EA.	?	0.75" 1" 1.25" 1.5" 2"	42

Cell Name: 30.07001–30.07004
Descrip: Seeding, Type A–D

SEEDING, TYPE (pick one) 'A' 'B' 'C' 'D' *30.07001 – 30.07004*

STATION TO STATION	SIDE	AC
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 30.07005–30.07009
Descrip: Seeding, Type E–I

SEEDING, TYPE (pick one) 'E' 'F' 'G' 'H' 'I' *30.07005 – 30.07009*

STATION TO STATION	SIDE	AC
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 30.08001
Descrip: Sodding

SODDING *30.08001*

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 30.09001
Descrip: Plugging

PLUGGING *30.09001*

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 31.03001
Descrip: Select Topsoil

SELECT TOPSOIL *31.03001*

STATION TO STATION	SIDE	CY
1234+56.78 – 9876+54.32	LT. & RT.	1234.5

32.02001 – 32.06001

Cell Name: 32.02001
Descrip: Silt Fence Syn Fabric

—xxx— INSTALL SYNTHETIC FABRIC SILT FENCE *32.02001*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: 32.03001
Descrip: Construction Entrance Surfacing

CONSTRUCTION ENTRANCE SURFACING *32.03001*

STATION TO STATION	SIDE	TON
1234+56.78 – 9876+54.32	LT. & RT.	1234.5

Cell Name: 32.04001
Descrip: Curb Inlet Protection

INSTALL CURB INLET PROTECTION *32.04001*

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 32.05001
Descrip: Type I ECB

TYPE I ECB *32.05001*

STATION TO STATION	SIDE	SY
2+54.26 – 2+79.64	LT.	200.2

Cell Name: 32.05002
Descrip: Type II ECB

TYPE II ECB *32.05002*

STATION TO STATION	SIDE	SY
2+54.26 – 2+79.64	LT.	200.2

Cell Name: 32.05101
Descrip: Type I BD ECB

TYPE I BD ECB *32.05101*

STATION TO STATION	SIDE	SY
2+54.26 – 2+79.64	LT.	200.2

Cell Name: 32.05102
Descrip: Type II BD ECB

TYPE II BD ECB *32.05102*

STATION TO STATION	SIDE	SY
2+54.26 – 2+79.64	LT.	200.2

Cell Name: 32.06001
Descrip: Type I TRM

TYPE I TRM *32.06001*

STATION TO STATION	SIDE	SY
2+54.26 – 2+79.64	LT.	200.2

32.06002 – AIR RELIEF VALVE AND MANHOLE

Cell Name: 32.06002
Descrip: Type II TRM

32.06002

TYPE II TRM

STATION TO STATION	SIDE	SY
2+54.26 – 2+79.64	LT.	200.2

Cell Name: 32.07001
Descrip: Triangular Sediment Barrier

32.07001

INSTALL TRIANGULAR SEDIMENT BARRIER

STATION	SIDE	EA
1234+56.78	CL	1

Cell Name: 32.08001
Descrip: Rock Ditch Check

32.08001

INSTALL ROCK DITCH CHECK

STATION	SIDE	LF
1234+56.78	LT.	15

Cell Name: 32.09001
Descrip: Composite Filter Sock

32.09001

INSTALL COMPOSITE FILTER SOCK

STATION	SIDE	LF
1234+56.78	LT.	15

Cell Name: 32.10001
Descrip: Biodegradable Log Ditch Check

32.10001

INSTALL BIODEGRADABLE LOG DITCH CHECK

STATION	SIDE	LF
1234+56.78	RT.	15

Cell Name: 32.11001
Descrip: Transition Mat

32.11001

TRANSITION MAT

STATION TO STATION	SIDE	SF
2+54.26 – 2+79.64	LT.	200.2

Cell Name: 32.12001
Descrip: Coir Fiber Log

32.12001

COIR FIBER LOG

STATION	SIDE	LF
1234+56.78	LT.	15

Cell Name: AIR RELIEF VALVE AND MANHOLE
Descrip: Air Relief Valve & Manhole

BUILD 24" AIR RELIEF VALVE & MANHOLE, (COMPLETE)

NO.	DESCRIPTION
1	STA. 41+00 – 43.50' RT.: INSTALL 2" FLANGE STA. 41+00 – 43.50' RT.: PROP. MANHOLE RIM ELEV.=1277.20 LAY APPROX. 17 LF OF 2" WATER MAIN PIPE SEE DETAIL SHEET NO. DT 1

Not current with payitems. They will be updated based upon the future updated list.

BUFFALO GRASS PLUGS – MS_50.00001

Cell Name: BUFFALO GRASS PLUGS
Descrip: Buffalo Grass Plugs

BUFFALO GRASS PLUGS

STATION TO STATION	SIDE	SF
4+30.95 – 6+00.00	LT. & RT.	1234.5

Not current with payitems. They will be updated based upon the future updated list.

Cell Name: CONC PLUG
Descrip: Conc Plug

BUILD CONCRETE PLUG

NO.	STATION	OFFSET	SIZE	FL	CONC. (CY)
42	123+45.67	69.00' LT.	42"	1252.75	1.2

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: COVERCROP SEEDING
Descrip: Covercrop Seeding

COVERCROP SEEDING

STATION TO STATION	SIDE	AC
25+24.47 – 30+00.00	RT.	1.2

Not current with payitems. They will be updated based upon the future updated list.

Cell Name: FLAT BOTTOM DITCH
Descrip: FLAT BOTTOM DITCH

6' FLAT BOTTOM DITCH

Cell Name: FLOWMETER MANHOLE
Descrip: Flowmeter Manhole

BUILD FLOWMETER MANHOLE

LOCATION
8+25.54, 49.00' RT. SEE DETAIL SHEET 12

Not current with payitems. They will be updated based upon the future updated list.

Cell Name: GRADE POSITIVE DRAINAGE
Descrip: Grade Positive Drainage

GRADE 7' FLAT BOTTOM DITCH
FOR POSITIVE DRAINAGE
AS DIRECTED BY ENGINEER.

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: INS and REM TEMP BLOWOFF (COMP)
Descrip: Install & Remove Temp Blowoff (Complete)

INSTALL & REMOVE TEMPORARY BLOWOFF, (COMPL.)

NO	STATION	SIDE		EA
12	48+25.00	RT.		1

SEE DETAIL SHEET DT5

Not current with payitems. They will be updated based upon the future updated list.

Cell Name: MS_50.00001
Descrip: MISC EACH

50.00001

MISC. EACH

STATION	SIDE	EA
1234+56.78	12.34' LT.	1 – ITEM

Use for miscellenous items Only. Edit the build note Title to best describe the item

MS_50.00005 – MS_50.00040

Cell Name: MS_50.00005
Descrip: MISC_LINEAR_FEET

50.00005

MISC. LINEAR FEET

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00010
Descrip: MISC_Cubic_Yard

50.00010

MISC. CUBIC YARD

STATION TO STATION	SIDE	CY
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00015
Descrip: MISC_Lump_Sum

50.00015

MISC. LUMP SUM

STATION TO STATION	SIDE	LS
1234+56.78 – 9876+54.32	LT.	1

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00020
Descrip: MISC_Acre

50.00020

MISC. ACRE

STATION TO STATION	SIDE	AC
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00025
Descrip: MISC_Pound

50.00025

MISC. POUND

STATION TO STATION	SIDE	LB
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00030
Descrip: MISC_Vertical_Feet

50.00030

MISC. VERTICAL FEET

STATION TO STATION	SIDE	VF
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00035
Descrip: MISC_Ton

50.00035

MISC. TON

STATION TO STATION	SIDE	TON
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00040
Descrip: MISC_Square_Yard

50.00040

MISC. SQUARE YARD

STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

MS_50.00045 – RC OUTLET STRUCT

Cell Name: MS_50.00045
Descrip: MISC Square Feet

50.00045

MISC. SQUARE FEET

STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00050
Descrip: MISC Hour

50.00050

MISC. HOUR

STATION TO STATION	SIDE	HRS
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: MS_50.00055
Descrip: MISC Cubic Feet

50.00055

MISC. CUBIC FEET

STATION TO STATION	SIDE	CF
1234+56.78 – 9876+54.32	LT.	123.4

Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: NOTE01
Descrip: Abandon Vavle & Rem Valve Box

ABANDON VALVE AND REMOVE UPPER SECTION OF VALVE BOX.

Cell Name: NOTE02
Descrip: Plug & Abandon Ex Water Main

PLUG AND ABANDON EXIST. 6" WATER MAIN AFTER TESTING AND DISINFECTION OF PROPOSED 6" WATER MAIN.

Cell Name: PRESSURE REG VALVE
Descrip: Pressure Regulating Valve Vault

BUILD PRESSURE REGULATING VALVE VAULT

LOCATION
7+99.78, 49.00' RT. SEE DETAIL SHEET 12

Not current with payitems. They will be updated based upon the future updated list.

Cell Name: R.C. INLET STRUCT
Descrip: R.C. Inlet Struct

REINFORCED CONCRETE INLET STRUCTURE

NO	STATION	OFFSET	FL
12	123+45.67	117.32' LT.	INLET=1254.53 42"=1253.53

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: RC OUTLET STRUCT
Descrip: RC. Outlet Structure

REINFORCED CONCRETE OUTLET STRUCTURE

	NO.	STATION	OFFSET	FL
*	1	6+74.25	65.10' LT.	36"=1245.60

* SEE DETAIL SHT. 8

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

REM CMP CULVERT – RH_99.0304

Cell Name: REM CMP CULVERT
Descrip: Rem. CMP Culvert

REMOVE EXISTING CORRUGATED METAL PIPE CULVERT			
STATION TO STATION	OFFSET	SIZE	LF
11+64.73 – 12+29.15	49.50' LT. – 48' LT.	42"	12.3

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: REM RELAY CMP CULVERT
Descrip: Rem. & Relay CMP Culvert

REMOVE AND RELAY CORRUGATED METAL PIPE CULVERT				
NO.	STATION TO STATION	FL	SIZE	LENGTH
2	REMOVE: 58+61.13, 35.1' RT. – 58+89.13, 36.7' RT. RELAY: 58+61.00, 42.1' RT. – 58+89.00, 41.2' RT.	58+61.00=1259.10 58+89.00=1258.26	18"	12.3

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: REM STRUCTURE (CMPL)
Descrip: Rem. Structure

REMOVE EXISTING STRUCTURE		
STATION TO STATION	OFFSET	EA
114+52.32 – 114+58.17	27.8' LT. – 34.5' RT.	1

No Pay Item associated with this build note. Use for miscellenous items Only. Edit the build note Title to best describe the item

Cell Name: RH_99.0300
Descrip: Rem. & Repl. Partial Depth Conc. (L5500)

REM. & REPL. PARTIAL DEPTH CONC. (L5500) *99.0300*		
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0301
Descrip: Rem. & Repl. 9" Full Depth Conc. Repair

REM. & REPL. 9" FULL DEPTH CONC. REPAIR *99.0301*		
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0302
Descrip: Rem. & Repl. 9" Conc. Pavt (L3500)

REM. & REPL. 9" CONC. PAVT., (L3500) *99.0302*		
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0303
Descrip: Rem. & Repl. 9" Conc. Pavt (L5500)

REM. & REPL. 9" CONC. PAVT., (L5500) *99.0303*		
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0304
Descrip: Rem. & Repl. 7" Conc. Pavt (L3500)

REM. & REPL. 7" CONC. PAVT., (L3500) *99.0304*		
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

RH_99.0305 – RH_99.0604

Cell Name: RH_99.0305
Descrip: Rem. & Repl. 7" Conc. Pavt (L5500)

REM. & REPL. 7" CONC. PAVT., (L5500)		99.0305
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0400
Descrip: Rem. & Repl. 6" Conc. Base, (LB–3500)

REM. & REPL. 6" CONC. BASE, (LB–3500)		99.0400
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0401
Descrip: Rem. & Repl. 6" Conc. Base (L5500)

REM. & REPL. 6" CONC. BASE, (L5500)		99.0401
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0402
Descrip: Rem. & Repl. 8" Conc. Base (LB–3500)

REM. & REPL. 8" CONC. BASE, (LB–3500)		99.0402
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0403
Descrip: Rem. & Repl. 8" Conc. Base (L5500)

REM. & REPL. 8" CONC. BASE, (L5500)		99.0403
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0600–99.0602
Descrip: Rem. & Repl. 36" Comb. C&G (L3500)

REM. & REPL. COMB. C&G			99.0600 – 99.0602
STATION TO STATION	SIDE	SIZE	LF
1234+56.78 – 9876+54.32	LT. & RT.	36"	123.4

Cell Name: RH_99.0603
Descrip: Rem. & Repl. 9" x 15" Conc. C&G (L3500)

REM. & REPL. 9" x 15" CONC. CURB		99.0603
STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0604
Descrip: Rem. & Repl. Conc. Median Nose

REM. & REPL. CONC. MEDIAN NOSE		99.0604
STATION TO STATION	SIDE	EA
1234+56.78 – 9876+54.32	LT. & RT.	1

RH_99.0605 – RH_99.0704

Cell Name: RH_99.0605
Descrip: Rem. & Repl. Brick Surface

REM. & REPL. BRICK SURFACE		99.0605
STATION TO STATION	SIDE	SF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0606
Descrip: Rem. & Repl. Conc. Header

REM. & REPL. CONC. HEADER		99.0606
STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0607
Descrip: Tack on Conc. Curb Incl. Dowels & Grout

TACK ON CONC. CURB INCL. DOWELS & GROUT		99.0607
STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0700
Descrip: Rem. & Repl. 6" Conc. Dr., Wlk & Mdn. (L3500)

REM. & REPL. 6" CONC. DR, WLK. & MDN. (L3500)		99.0700
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0701
Descrip: Rem. & Repl. 6" Conc. Dr., Wlk & Mdn. (L5500)

REM. & REPL. 6" CONC. DR, WLK. & MDN. (L5500)		99.0701
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0702
Descrip: Rem. & Repl. 5" Conc. Dr., Wlk & Mdn. (L3500)

REM. & REPL. 5" CONC. DR, WLK. & MDN. (L3500)		99.0702
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0703
Descrip: Rem. & Repl. 5" Conc. Dr., Wlk & Mdn. (L5500)

REM. & REPL. 5" CONC. DR, WLK. & MDN. (L5500)		99.0703
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.0704
Descrip: Rem. & Repl. 4" Conc. Dr., Wlk & Mdn. (L3500)

REM. & REPL. 4" CONC. DR, WLK. & MDN. (L3500)		99.0704
STATION TO STATION	SIDE	SY
1234+56.78 – 9876+54.32	LT. & RT.	123.4

RH_99.2100 – SQ Tabular

Cell Name: RH_99.2100
Descrip: 72" Storm Sewer Inlet (Cmpl.)

◇ 72" STORM SEWER INLET (CMPL.) *99.2100*

NO.	STATION	SIDE	TYPE	RIM EL	FL
1	1234+56.78	12.34' RT.	CANTED	1234.56	1234.56

Cell Name: RH_99.2101
Descrip: Tap Ex. Storm Sewer MH & Replace Invert

TAP EX. STORM SEWER INLET OR MH. & RESHAPE INVERT *99.2101*

STATION	SIDE	TAP FL	PROP INVERT
1234+56.78	12.34' RT.	1234.56	1234.56

Cell Name: RH_99.2102
Descrip: 72" Inlet Top Only, Incl. Ring & Cover

72" INLET TOP ONLY, INCL. RING & COVER *99.2102*

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

Cell Name: RH_99.2103
Descrip: 4" Roof Drain Pipe

4" ROOF DRAIN PIPE *99.2103*

STATION TO STATION	SIDE	LF
1234+56.78 – 9876+54.32	LT. & RT.	123.4

Cell Name: RH_99.2104
Descrip: State Standard Inlet Top

STATE STANDARD INLET TOP *99.2104*

STATION	OFFSET	EA
1234+56.78	12.34' LT.	1

Cell Name: RIP RAP Dissipater
Descrip: RIP RAP Dissipater

RIP–RAP/BOULDER
INLET DISSIPATER
SEE SHEET 74

Cell Name: SHEETPILE DITCH CHECKS
Descrip: Sheetpile Ditch Checks

●●● INSTALL SHEETPILE DITCH CHECKS

STATION	SIDE	SF
1234+56.78	LT. & RT.	123.4

Not current with payitems. They will be updated based upon the future updated list.

Cell Name: SQ Tabular
Descrip: Stnd Summary of Quantities Table

EXAMPLE ITEMS

12.3456	This is an example Pay Item description	EA	12.34

YARD WASTE COMPOST

Cell Name: YARD WASTE COMPOST
Descrip: Yard Waste Compost

YARD WASTE COMPOST

STATION TO STATION	SIDE	CY
1+50.00 – 6+00.00	LT. & RT.	12.3

Not current with payitems. They will be updated based upon the future updated list.

Miscellaneous_V8i.cel

CP Note – FBP2

Cell Name: CP Note
Descrip:

A

N. 1ST ST.
SW SECTION CORNER
28–11–07 SURVEYED
N=230000.00
E=180000.00
Z=1234.56

Cell Name: ContSubReview
Descrip: Contractor Submittal Review

CONTRACTOR SUBMITTAL REVIEW

☐ No Exceptions Taken	☐ Revised and Resubmit
☐ Exceptions Taken As Noted	☐ Rejected

Reviewing is only for conformance with the design concept of the Project and general consistency with information given in the Contract Documents. Reviewing is not authorization for change, amendment or breach of any obligation of contract under the Contract Documents. The contractor is responsible for quantities, the verification of all field dimensions, information pertaining to fabrication process, installation details, and/or construction methods and procedures, and for coordination of the work with all trades.

CITY OF LINCOLN
ENGINEERING SERVICES

Date: By:

Cell Name: Coordinating Professional
Descrip: Contractor Submittal Review

I, Jane Doe, am the Coordinating Professional on the (name of project) project.

Cell Name: CutLine
Descrip:

Cell Name: DOT
Descrip: Dimension Dot

Cell Name: DblArrow
Descrip: Dimension Double Arrow

Cell Name: FBP1
Descrip:

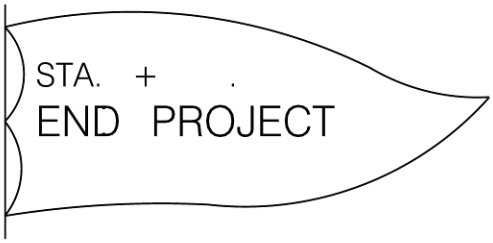
STA. + .
BEG. PROJECT

Cell Name: FBP2
Descrip:

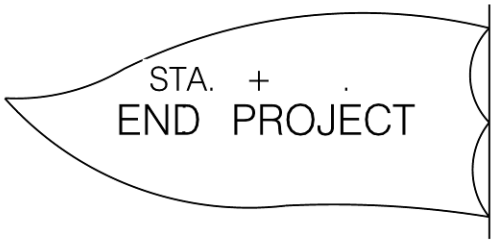
STA. + .
BEG. PROJECT

FEP1 – GE–POI Data

Cell Name: FEP1
Descrip:



Cell Name: FEP2
Descrip:



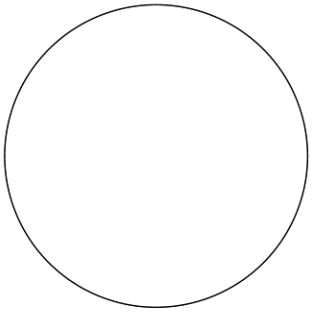
Cell Name: GE – Bkwy Data
Descrip: Geometric Bikeway Point

A BACK OF 10' BIKEWAY PT. STA. 100+00.00, 12.43' LT.

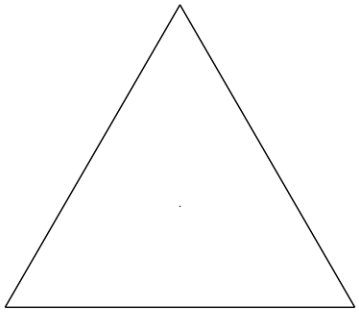
Cell Name: GE – Note
Descrip: Geometric Note

NOTE:
GEOMETRICS TO BACK OF CURB UNLESS OTHERWISE NOTED.

Cell Name: GE – PC PT
Descrip:



Cell Name: GE – PI
Descrip:



Cell Name: GE – PI Data
Descrip: Geometric PI DATA

1 P.I. STA. 100+00.00, 12.34' RT.
Δ = 12° 34'56"
R = 100.00'
T = 12.34'
L = 12.34'
D = 12° 34'56"
P.C. STA. 100+00.00, 12.34' RT.
P.R.C. STA. 100+00.00, 12.34' LT.

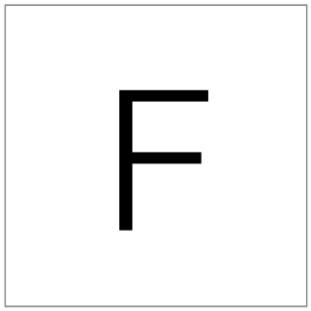
Cell Name: GE – POI Data
Descrip: Geometric Point

1 P.I. STA. 100+00.00, 12.34' LT.

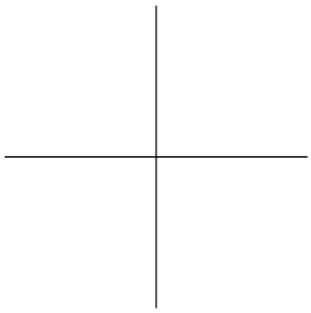
GE-Pt Bubble1 - Horz POB

Cell Name: GE – Pt Bubble1
Descrip: Geometric Bubble

Cell Name: GE – Pt Bubble2
Descrip: Geometric Bubble



Cell Name: GE – RP
Descrip: Radius Point



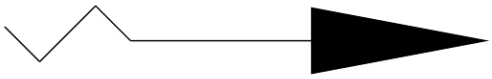
Cell Name: GE – RP Data
Descrip: Geometric Raduis Point

(1) 12.34' R.P. STA. 100+00.00, 12.34' LT.
P.C. STA. 100+00.00, 12.34' LT.
P.T. STA. 100+00.00, 12.34' LT.

Cell Name: GE – SDWLK
Descrip: Geometric Sidewalk Point

[A] BACK OF 5' SIDEWALK PT. STA. 100+00.00, 12.34' RT.

Cell Name: GPK1
Descrip: Ditch Arrow



Cell Name: Horz PI
Descrip: Horz Point of Intersection

(1) P.I. STA. 123+45.67 – ℄ N. 1ST ST.
N=230000.00, E=180000.00
LINE DEFLECTS 1° 00'00" RT.

Cell Name: Horz POB
Descrip: Horz Point of Beginnning

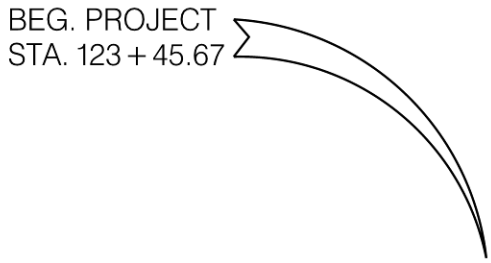
(1) P.O.B. STA. 123+45.670 – ℄ N. 1ST ST.
N=230000.00, E=180000.00

Horz POE – Revision Date

Cell Name: Horz POE
Descrip: Horz Point of Ending

1 P.O.E. STA. 123 + 45.67 – ℄ N. 1ST ST.
N=230000.00, E=180000.00

Cell Name: LM_Beg
Descrip: Location Map Begin Project



Cell Name: LM_End
Descrip: Location Map End Project

Cell Name: NARROW
Descrip: LNG NORTH ARROW

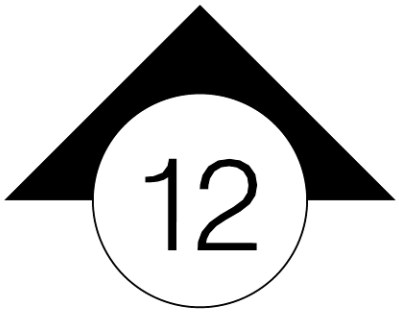
Cell Name: One Call
Descrip: One Call Note

PRIOR TO CONSTRUCTION:

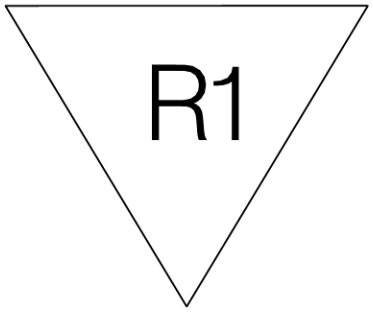
CALL : 1-800-331-5666 OR 811 FOR LOCATION OF UNDERGROUND TELEPHONE, ELECTRIC, GAS MAINS, CABLEVISION AND CITY OF LINCOLN UTILITIES.

NOTE: EXISTING UNDERGROUND AND OVERHEAD UTILITIES AND DRAINAGE STRUCTURES HAVE BEEN PLOTTED FROM AVAILABLE INFORMATION AND THEREFORE, THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. IT IS THE RESPONSIBILITY OF THE INDIVIDUAL CONTRACTORS TO EXACTLY LOCATE AND PROTECT EACH EXISTING UTILITY BEFORE AND DURING ACTUAL CONSTRUCTION.

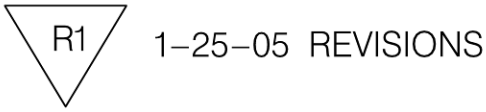
Cell Name: Photo Direction
Descrip: Photo Direction



Cell Name: Revision
Descrip: Revision

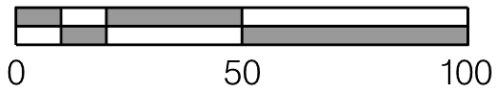


Cell Name: Revision Date
Descrip: Revision Date

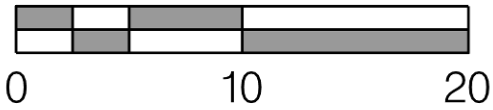


SCALE 100 – SD–FES

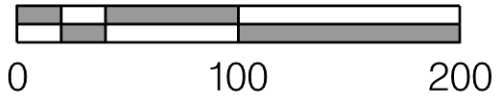
Cell Name: SCALE 100
Descrip: 1:100 SCALE BAR



Cell Name: SCALE 20
Descrip: 1:20 SCALE BAR

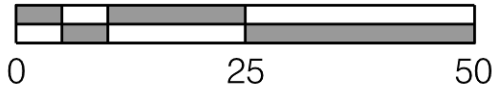


Cell Name: SCALE 200
Descrip: 1:200 SCALE BAR

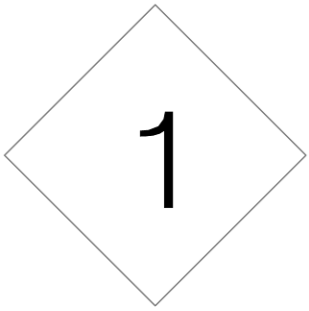


Cell Name: SCALE 40
Descrip: 1:40 SCALE BAR

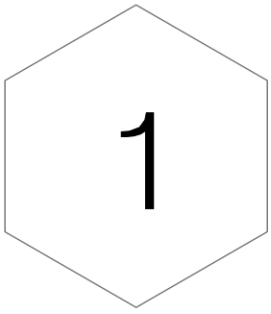
Cell Name: SCALE 50
Descrip: 1:50 SCALE BAR



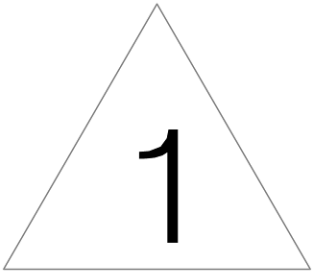
Cell Name: SD – Curb Inlet
Descrip: Storm Drainage Curb Inlet



Cell Name: SD – Elbow
Descrip: Storm Drainage Elbow, Collar & Headwall

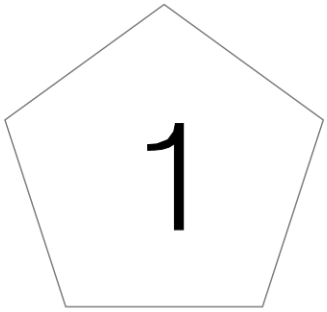


Cell Name: SD – FES
Descrip: Strom Drainage FES

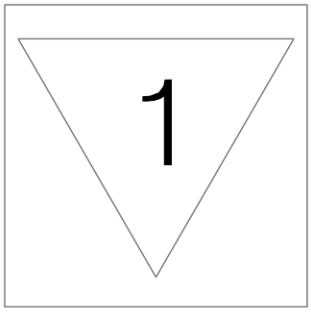


SD-Grate Inlet - WM-DI Fittings

Cell Name: SD – Grate Inlet
Descrip: Strom Drainage Grate Inlet



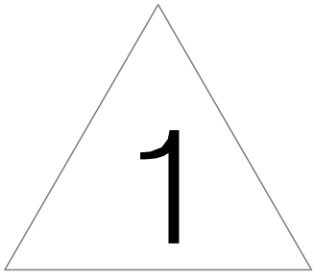
Cell Name: SD – MH and Inlet
Descrip: Storm Drainage Manhole and Inlet



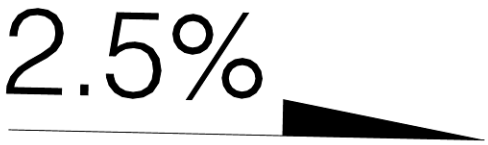
Cell Name: SD – Manhole
Descrip: Storm Drainage Manhole

Cell Name: SD – RCP
Descrip: Storm Drainage RC Pipe

Cell Name: SD – RCP Tap
Descrip: Storm Drainage RC Pipe Tap



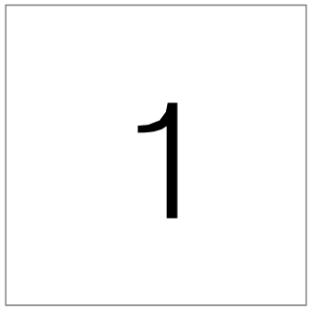
Cell Name: Slope
Descrip:



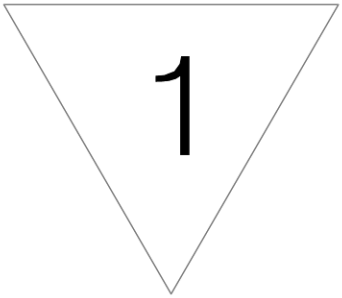
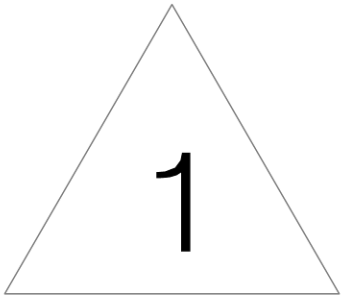
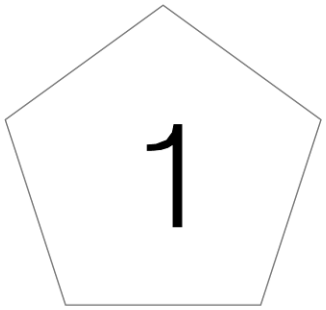
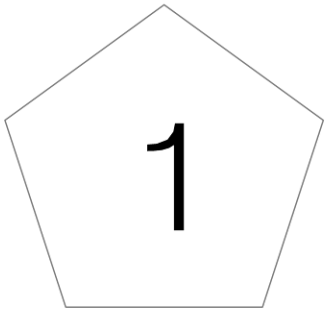
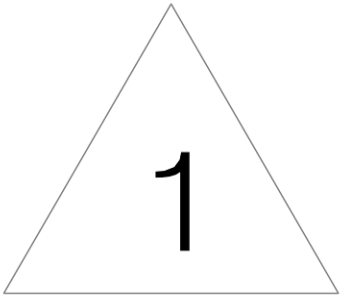
Cell Name: TEST
Descrip: TEST Text Field Place Holder

BM
XYZ=
Full Path
Date

Cell Name: WM – DI Fittings
Descrip: Water Main DI Fittings



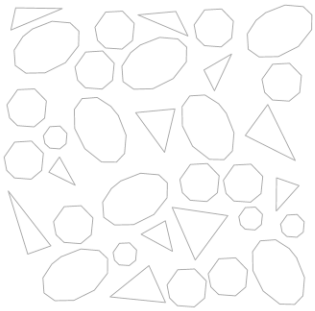
WM-RS Hyd - WW-Plug Collar

Cell Name: WM – RS Hyd Descrip: Water Main Rem and Salv Hydrants  	Cell Name: WM – Smooth Steel Casing Descrip: Water Main Smooth Steel Casing 
Cell Name: WM – Valve Hyd Descrip: Water Main Valve Hydrant  	Cell Name: WM – Water Main Descrip: Water Main incl all water pipes
Cell Name: WW – Manhole Descrip: Waste Water Manhole  	Cell Name: WW – Pipe Descrip: Waste Water Pipe
Cell Name: WW – Plug Collar Descrip: Waste Water Plug and Collar  	

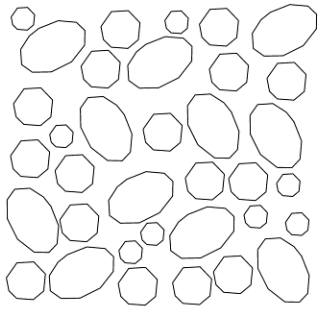
Patterns_V8i.cel

Asphalt_P – Concrete Sidewalk_P

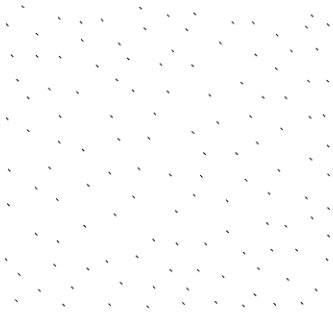
Cell Name: Asphalt_P
Descrip: Asphalt Pattern



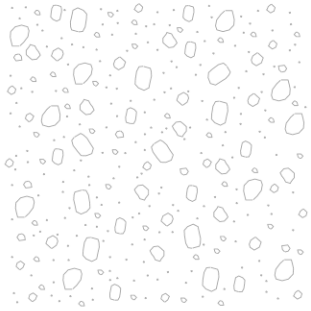
Cell Name: CES_P
Descrip: EC Construction Entrance Surface Pattern



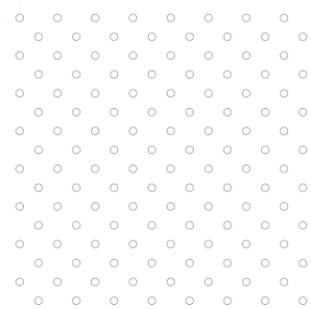
Cell Name: CMS_P
Descrip: Concrete Median Surfacing Pattern



Cell Name: CRS_P
Descrip: Crushed Rock Surfacing Pattern

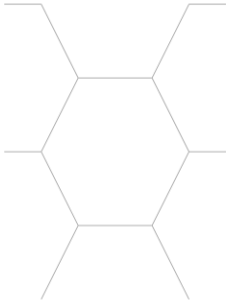


Cell Name: Concrete Bikeway_P
Descrip: Bikeway Concrete Pattern

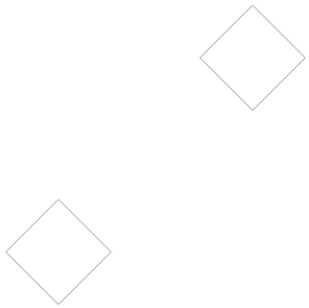


Cell Name: Concrete Driveway_P
Descrip: Concrete Driveway Pattern

Cell Name: Concrete Pavement_P
Descrip: Concrete Pavement Pattern



Cell Name: Concrete Sidewalk_P
Descrip: Sidewalk Pattern

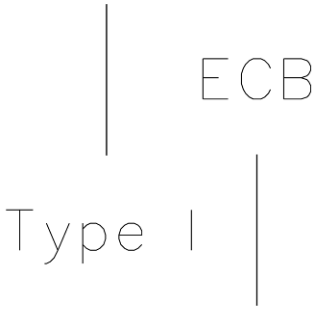


ECB BD Type 1_P – Perm Easement Ex_P

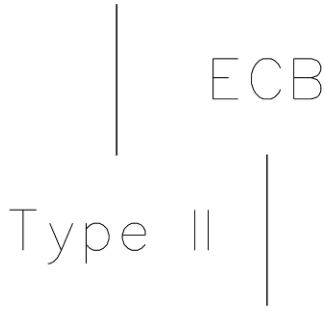
Cell Name: ECB BD Type 1_P
Descrip: EC Biodegradable Type 1 Pattern

Cell Name: ECB BD Type 2_P
Descrip: EC Biodegradable Type 2 Pattern

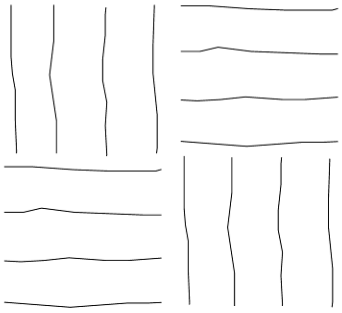
Cell Name: ECB Type 1_P
Descrip: Erosion Control Blanket Type 1 Pattern



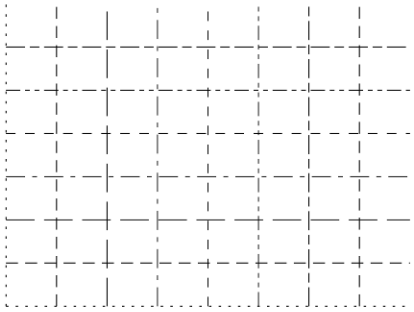
Cell Name: ECB Type 2_P
Descrip: Erosion Control Blanket Type 2 Pattern



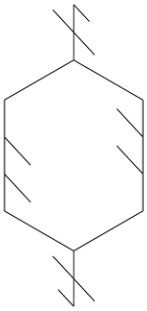
Cell Name: Earth_P
Descrip: Earth Pattern



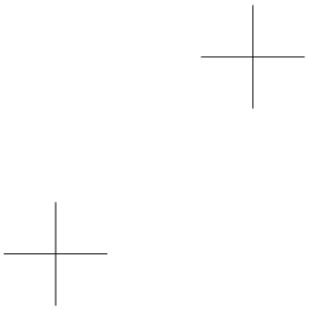
Cell Name: FilterFabric_P
Descrip: FilterFabric Pattern



Cell Name: Gabion_P
Descrip: Pattern for Geotextile Filter Fabric

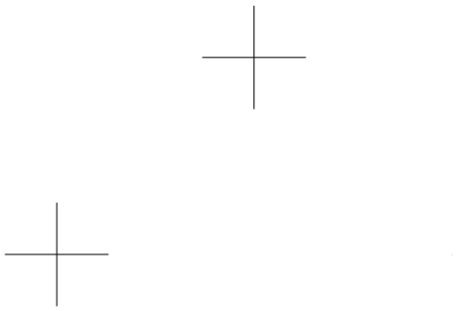


Cell Name: Perm Easement Ex_P
Descrip: Perm Easement Existing Pattern

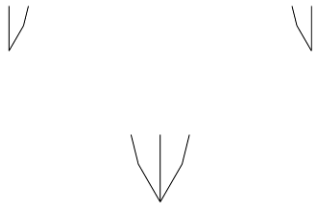


Perm Easement Pr_P – Seeding Type B_P

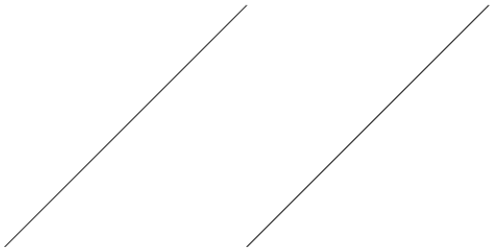
Cell Name: Perm Easement Pr_P
Descrip: Perm Easement Proposed Pattern



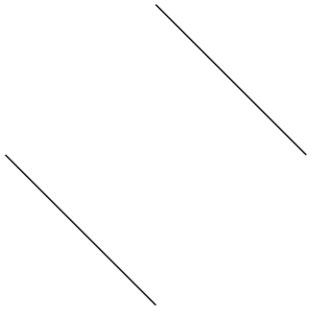
Cell Name: Plugging_P
Descrip: EC Plugging Pattern



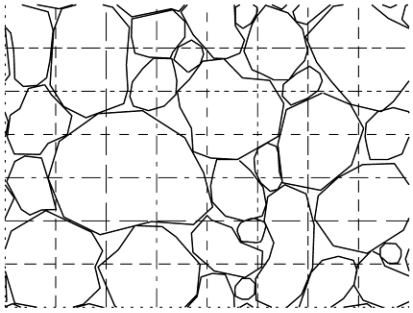
Cell Name: ROW_P
Descrip: Right of Way Pattern



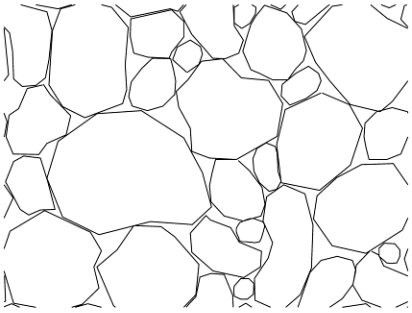
Cell Name: Rem Pavement_P
Descrip: Pavement Removal Pattern



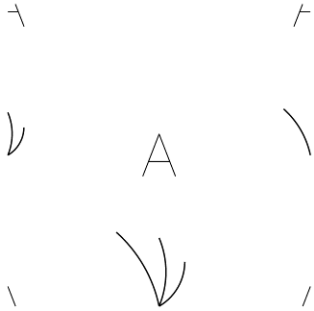
Cell Name: RipRap FilterFabric_P
Descrip: RipRap FilterFabric Pattern



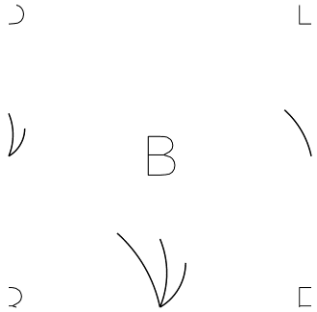
Cell Name: RipRap_P
Descrip: RipRap Pattern



Cell Name: Seeding Type A_P
Descrip: EC Seeding Type A Pattern

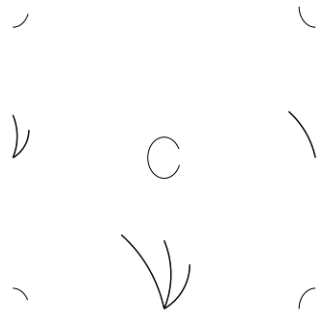


Cell Name: Seeding Type B_P
Descrip: EC Seeding Type B Pattern

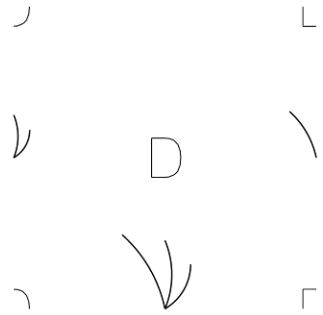


Seeding Type C_P – Sod_P

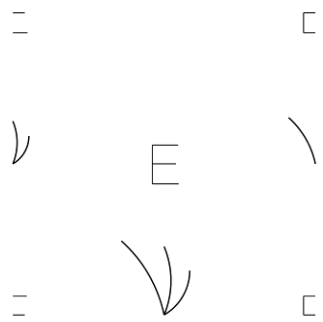
Cell Name: Seeding Type C_P
Descrip: EC Seeding Type C Pattern



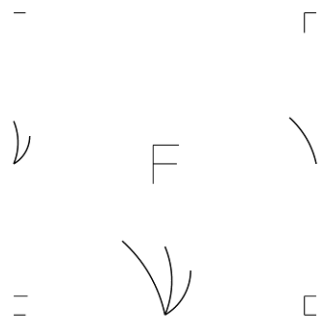
Cell Name: Seeding Type D_P
Descrip: EC Seeding Type D Pattern



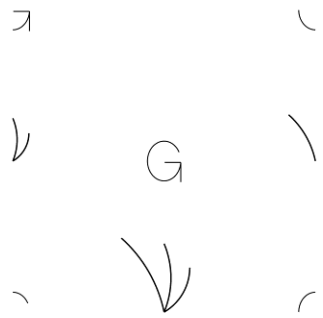
Cell Name: Seeding Type E_P
Descrip: EC Seeding Type E Pattern



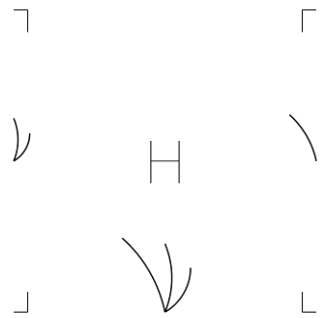
Cell Name: Seeding Type F_P
Descrip: EC Seeding Type F Pattern



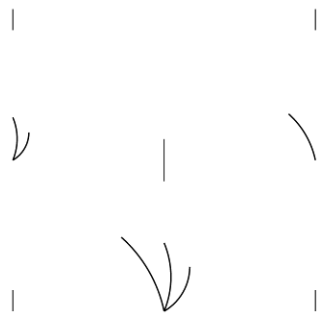
Cell Name: Seeding Type G_P
Descrip: EC Seeding Type G Pattern



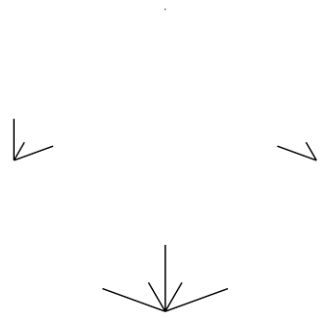
Cell Name: Seeding Type H_P
Descrip: EC Seeding Type H Pattern



Cell Name: Seeding Type I_P
Descrip: EC Seeding Type I Pattern

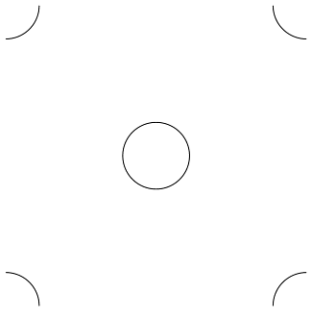


Cell Name: Sod_P
Descrip: Sod Pattern



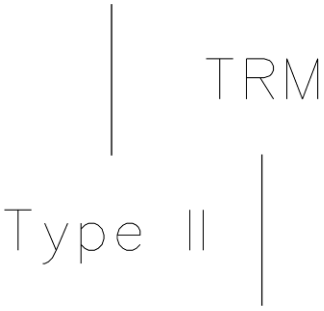
TM_P – Top Soil_P

Cell Name: TM_P
Descrip: EC Transition Mat Pattern

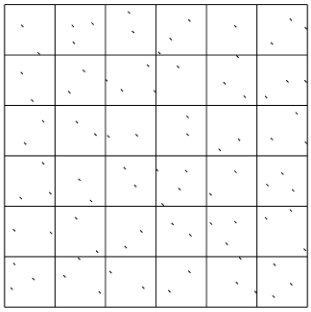


Cell Name: TRM Type 1_P
Descrip: Turf Reinforcement Mat Type 1 Pattern

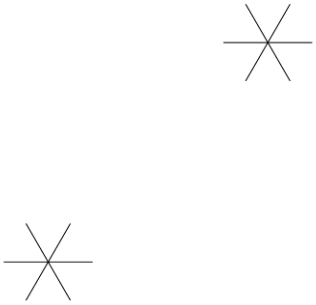
Cell Name: TRM Type 2_P
Descrip: Turf Reinforcement Mat Type 2 Pattern



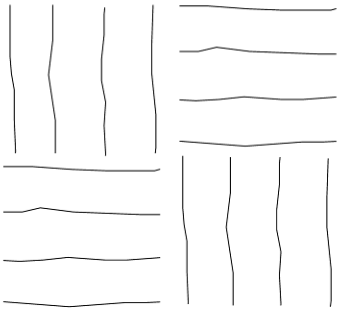
Cell Name: Tack On Median_P
Descrip: Tack On Median Pattern



Cell Name: Temp Easement_P
Descrip: Temp Easement Pattern



Cell Name: Top Soil_P
Descrip: Top Soil Pattern



PMarking_V8i.cel

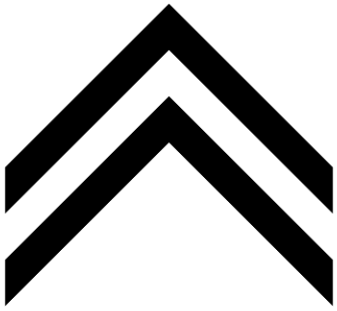
Bike – Dead End Barricade

Cell Name: Bike
Descrip:

Cell Name: Bike Arrow
Descrip: 13.02602

Cell Name: Bike End
Descrip: 13.02603

Cell Name: Bike Sharrow
Descrip: 13.02604



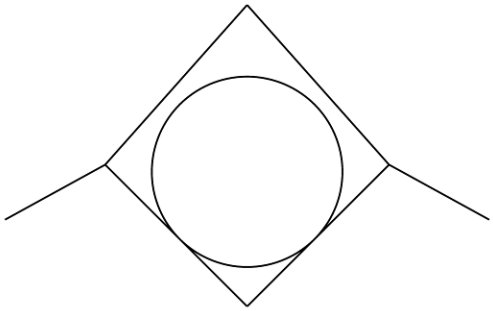
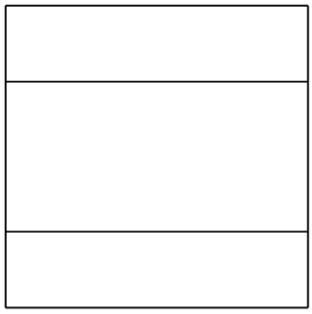
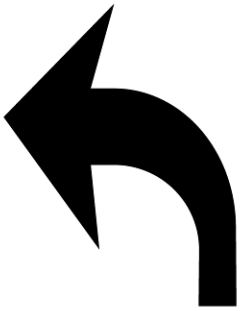
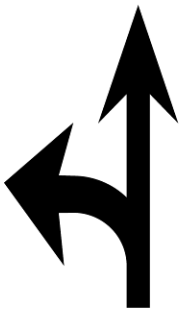
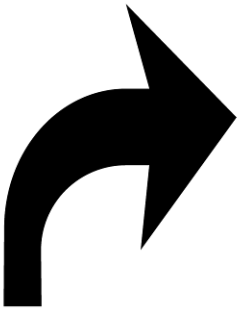
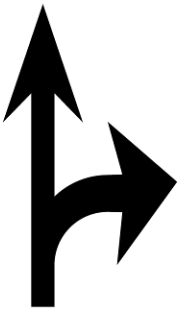
Cell Name: Bike Sharrow Combo
Descrip: 13.02604

Cell Name: Continental
Descrip: 13.03024 10ft Long

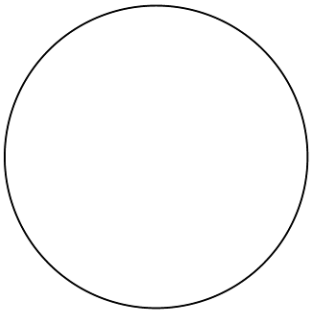
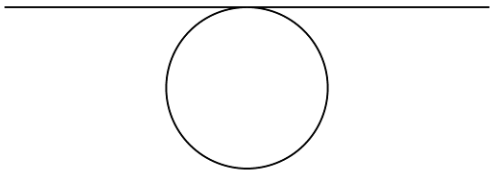
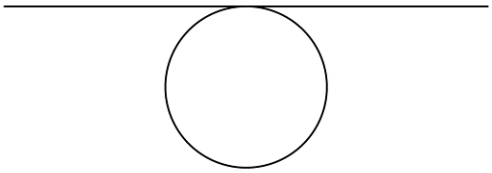
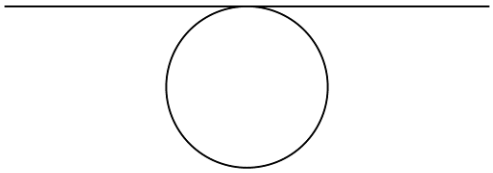
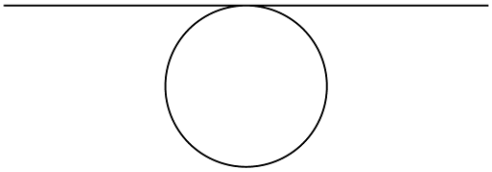
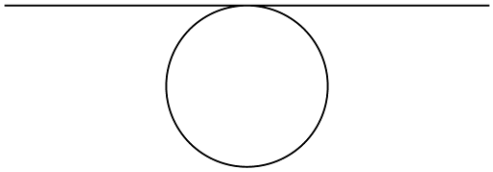
Cell Name: Continental Existing
Descrip: NPI

Cell Name: Dead End Barricade
Descrip: 14.05001

Ground Sleeve – SRSAR

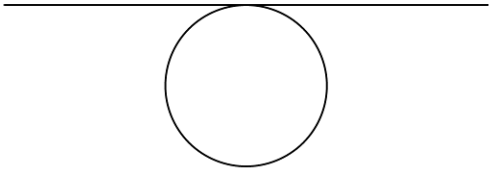
Cell Name: Ground Sleeve Descrip: 14.03211 	Cell Name: RPM Descrip: 13.08010 
Cell Name: RXR Descrip: 13.02506 	Cell Name: SLARW Descrip: 13.02501 
Cell Name: SLTSAR Descrip: 13.02504 	Cell Name: SONLY Descrip: 13.02507
Cell Name: SRARW Descrip: 13.02502 	Cell Name: SRSAR Descrip: 13.02505 

SSTARW – TSign 9sf Greater

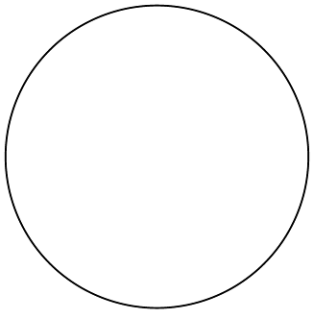
Cell Name: SSTARW Descrip: 13.02503 	Cell Name: Speed Hump Descrip: 13.02509
Cell Name: Street Name Post Descrip: 14.04010 	Cell Name: TSign 4–9sf Descrip: 14.01012 
Cell Name: TSign 4–9sf FYG Descrip: 14.01013 	Cell Name: TSign 4sf Less Descrip: 14.01010 
Cell Name: TSign 4sf Less FYG Descrip: 14.01011 	Cell Name: TSign 9sf Greater Descrip: 14.01014 

TSign 9sf Greater FYG – YLDANGLE

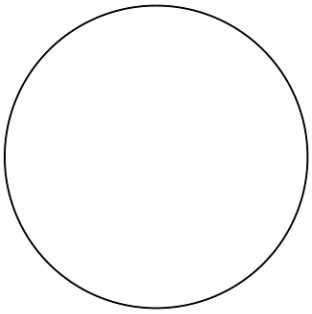
Cell Name: TSign 9sf Greater FYG
Descrip: 14.01015



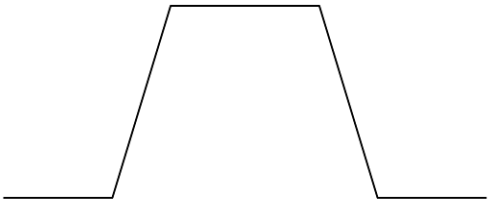
Cell Name: Tub Mark Channel
Descrip: 13.09001



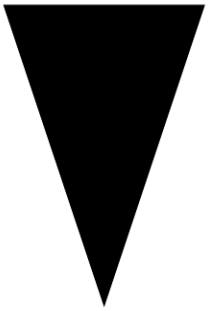
Cell Name: Tub Mark Surface
Descrip: 13.09002



Cell Name: U Channel
Descrip: 14.03210



Cell Name: YLDANGLE
Descrip: 13.02508



Removals_V8i.cel

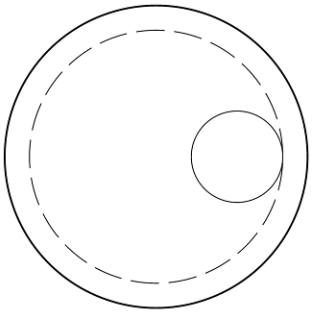
Removal Non Pay Item – Tree Removal 36 over

Cell Name: Removal Non Pay Item Descrip: NO PAY Removal (tree under 12, bush)	Cell Name: Stump Removal 12 to 23 Descrip: Remove Stump 12" to 23"
Cell Name: Stump Removal 24 to 35 Descrip: Remove Stump 24" to 35"	Cell Name: Stump Removal 36 over Descrip: Remove Stump >36"
Cell Name: Tree Removal 12 to 23 Descrip: Remove tree 12" to 23"	Cell Name: Tree Removal 24 to 35 Descrip: Remove tree 24" to 35"
Cell Name: Tree Removal 36 over Descrip: Remove tree > 36"	

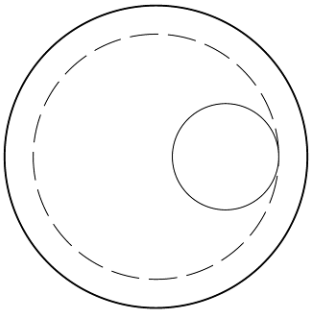
Sanitary_V8i.cel

MH Std Drop H – Plug 8 PVC

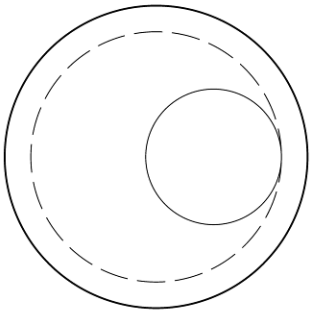
Cell Name: MH Std Drop H
Descrip: Standard Drop Man Hole Type H



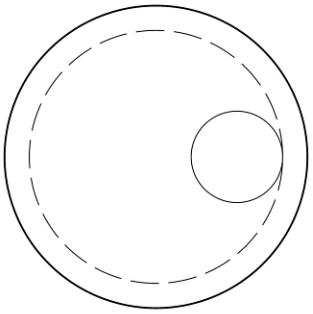
Cell Name: MH Std Drop Q
Descrip: Standard Drop Man Hole Type Q



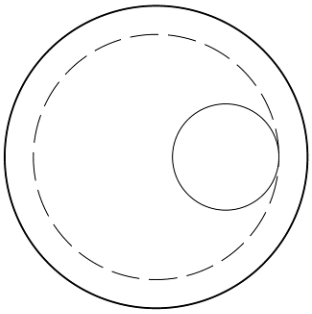
Cell Name: MH Std Drop R
Descrip: Standard Drop Man Hole Type R



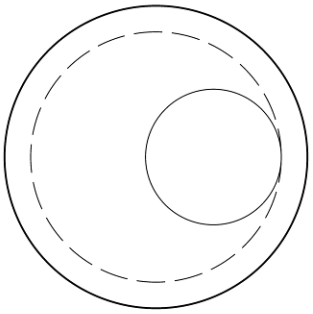
Cell Name: MH Std G
Descrip: Standard Man Hole Type G



Cell Name: MH Std P
Descrip: Standard Man Hole Type P

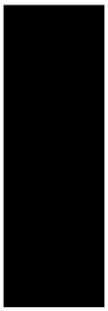


Cell Name: MH Std S
Descrip: Standard Man Hole Type S

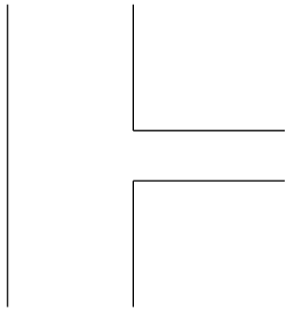
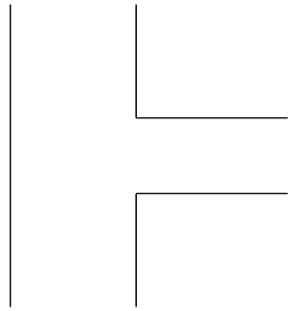
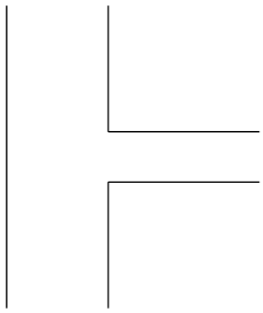
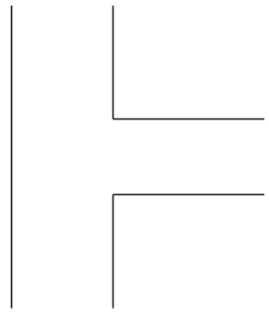


Cell Name: Plug 10 PVC
Descrip: 10" PVC Plug

Cell Name: Plug 8 PVC
Descrip: 8" PVC Plug



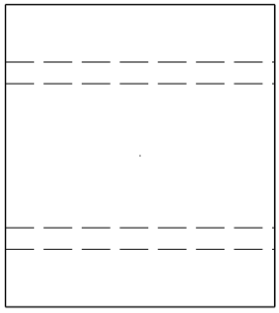
Wye 10x4 – Wye 8x6

Cell Name: Wye 10x4 Descrip: 10" x 4" Service Y Fitting 	Cell Name: Wye 10x6 Descrip: 10" x 6" Service Y Fitting 
Cell Name: Wye 8x4 Descrip: 8" x 4" Service Y Fitting 	Cell Name: Wye 8x6 Descrip: 8" x 6" Service Y Fitting 

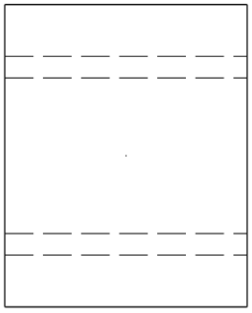
Storm_V8i.cel

Collar 15 – Collar 48

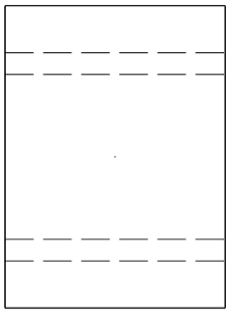
Cell Name: Collar 15
Descrip: RC Collar 15”



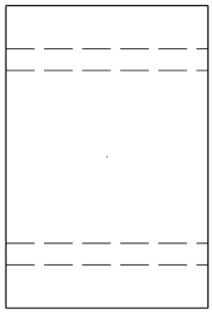
Cell Name: Collar 18
Descrip: RC Collar 18”



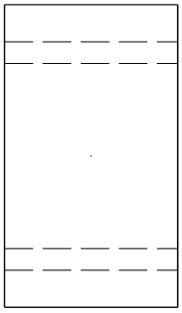
Cell Name: Collar 21
Descrip: RC Collar 21”



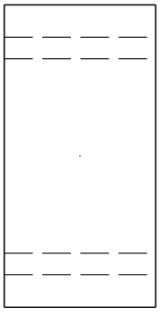
Cell Name: Collar 24
Descrip: RC Collar 24”



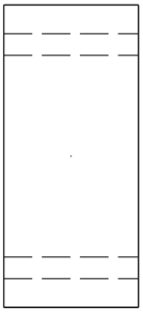
Cell Name: Collar 30
Descrip: RC Collar 30”



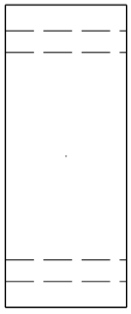
Cell Name: Collar 36
Descrip: RC Collar 36”



Cell Name: Collar 42
Descrip: RC Collar 42”

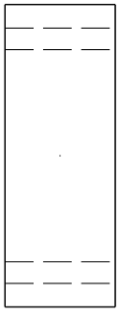


Cell Name: Collar 48
Descrip: RC Collar 48”



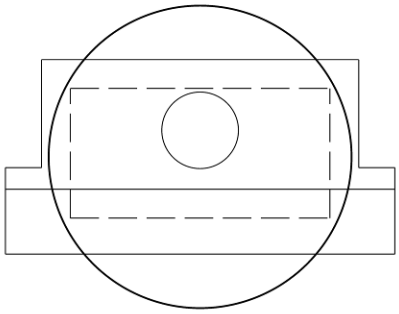
Collar 54 – Grate Inlet H

Cell Name: Collar 54
Descrip: RC Collar 54"

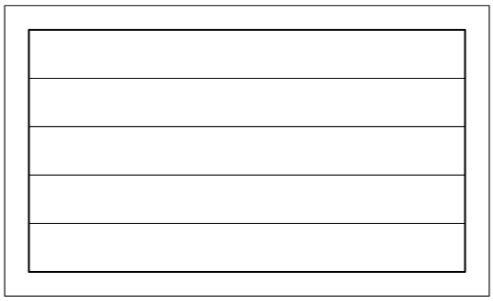


Cell Name: Collar 60
Descrip: RC Collar 60"

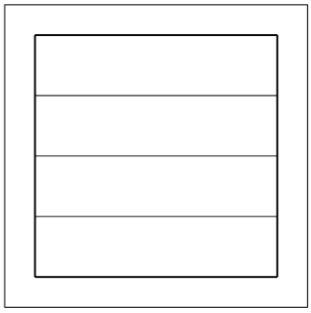
Cell Name: Cvrt Inlet to MH
Descrip: Convert Inlet to Man Hole



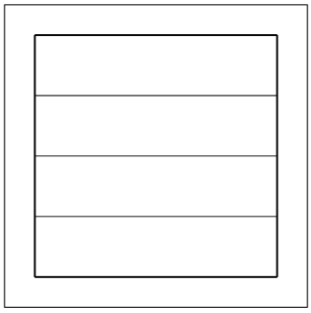
Cell Name: Grate Inlet E
Descrip: Grate Inlet Type E



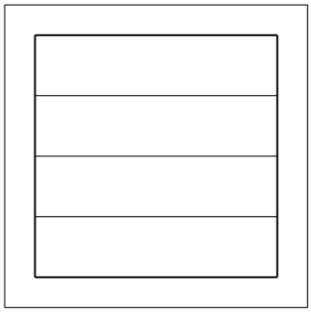
Cell Name: Grate Inlet F1
Descrip: Grate Inlet Type F1



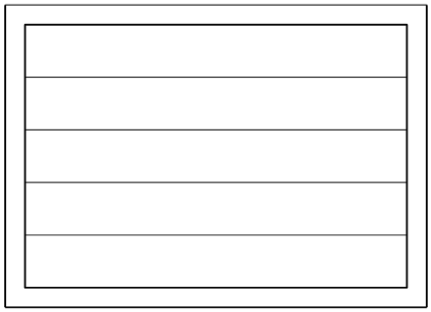
Cell Name: Grate Inlet F2
Descrip: Grate Inlet Type F2



Cell Name: Grate Inlet F3
Descrip: Grate Inlet Type F3



Cell Name: Grate Inlet H
Descrip: Grate Inlet Type H



Headwall A 15 – Headwall A 48

Cell Name: Headwall A 15 Descrip: Headwall Type A 15” 	Cell Name: Headwall A 18 Descrip: Headwall Type A 18”
Cell Name: Headwall A 21 Descrip: Headwall Type A 21” 	Cell Name: Headwall A 24 Descrip: Headwall Type A 24”
Cell Name: Headwall A 30 Descrip: Headwall Type A 30” 	Cell Name: Headwall A 36 Descrip: Headwall Type A 36”
Cell Name: Headwall A 42 Descrip: Headwall Type A 42” 	Cell Name: Headwall A 48 Descrip: Headwall Type A 48”

Headwall A 54 – Headwall B 36

Cell Name: Headwall A 54
Descrip: Headwall Type A 54”

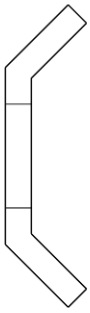
Cell Name: Headwall A 60
Descrip: Headwall Type A 60”

Cell Name: Headwall B 15
Descrip: Headwall Type B 15”

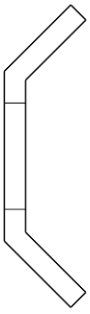
Cell Name: Headwall B 18
Descrip: Headwall Type B 18”

Cell Name: Headwall B 21
Descrip: Headwall Type B 21”

Cell Name: Headwall B 24
Descrip: Headwall Type B 24”



Cell Name: Headwall B 30
Descrip: Headwall Type B 30”



Cell Name: Headwall B 36
Descrip: Headwall Type B 36”

Headwall B 42 – Headwall C 24

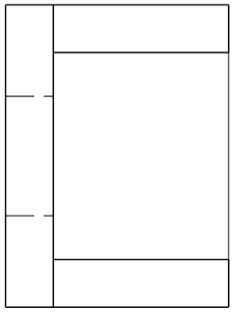
Cell Name: Headwall B 42
Descrip: Headwall Type B 42”

Cell Name: Headwall B 48
Descrip: Headwall Type B 48”

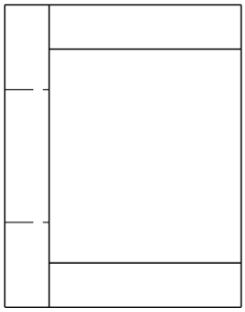
Cell Name: Headwall B 54
Descrip: Headwall Type B 54”

Cell Name: Headwall B 60
Descrip: Headwall Type B 60”

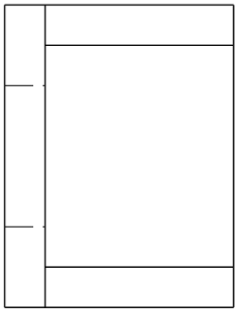
Cell Name: Headwall C 15
Descrip: Headwall Type C 15”



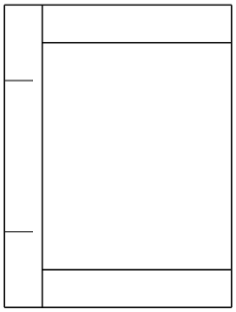
Cell Name: Headwall C 18
Descrip: Headwall Type C 18”



Cell Name: Headwall C 21
Descrip: Headwall Type C 21”

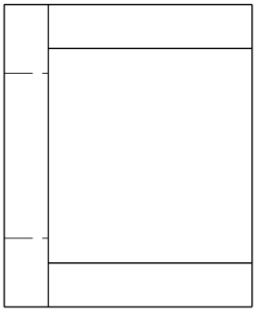


Cell Name: Headwall C 24
Descrip: Headwall Type C 24”

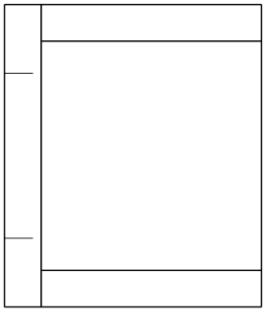


Headwall C 30 – Plug 18

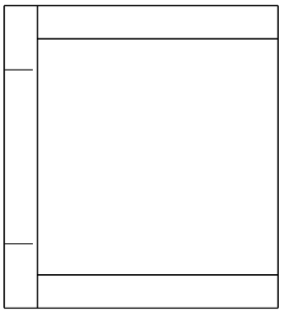
Cell Name: Headwall C 30
Descrip: Headwall Type C 30"



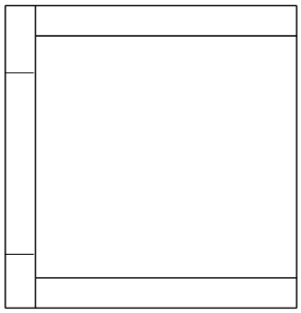
Cell Name: Headwall C 36
Descrip: Headwall Type C 36"



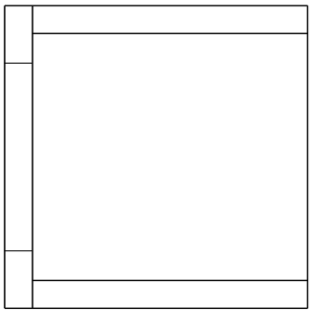
Cell Name: Headwall C 42
Descrip: Headwall Type C 42"



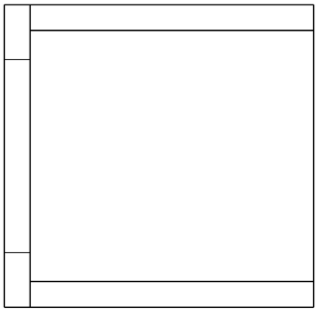
Cell Name: Headwall C 48
Descrip: Headwall Type C 48"



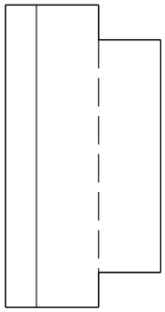
Cell Name: Headwall C 54
Descrip: Headwall Type C 54"



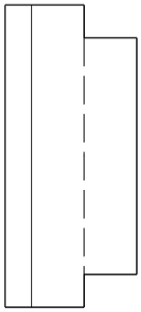
Cell Name: Headwall C 60
Descrip: Headwall Type C 60"



Cell Name: Plug 15
Descrip: Conc Plug 15

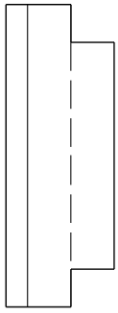


Cell Name: Plug 18
Descrip: Conc Plug 18

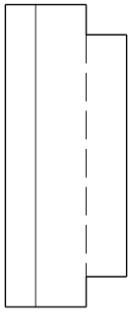


Plug 21– Plug 60

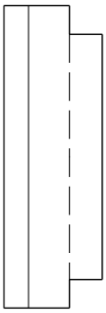
Cell Name: Plug 21
Descrip: Conc Plug 21



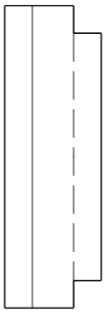
Cell Name: Plug 24
Descrip: Conc Plug 24



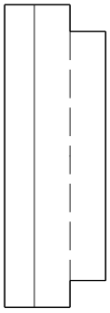
Cell Name: Plug 30
Descrip: Conc Plug 30



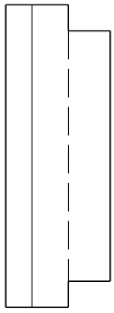
Cell Name: Plug 36
Descrip: Conc Plug 36



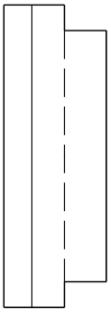
Cell Name: Plug 42
Descrip: Conc Plug 42



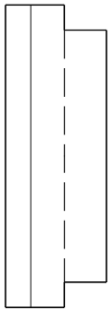
Cell Name: Plug 48
Descrip: Conc Plug 48



Cell Name: Plug 54
Descrip: Conc Plug 54

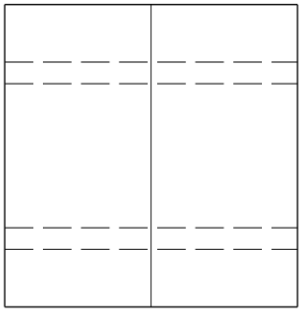


Cell Name: Plug 60
Descrip: Conc Plug 60

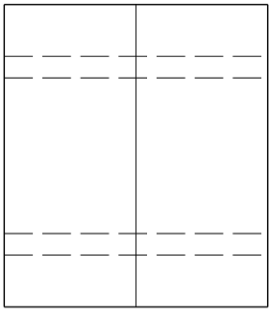


RC Elbow 15 Deg 15 – RC Elbow 15 Deg 48

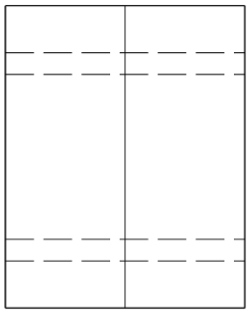
Cell Name: RC Elbow 15 Deg 15
Descrip: RC Elbow 15 Deg 15”



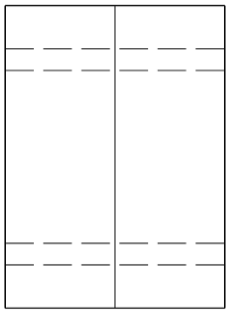
Cell Name: RC Elbow 15 Deg 18
Descrip: RC Elbow 15 Deg 18”



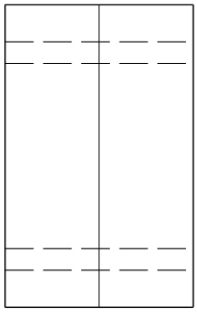
Cell Name: RC Elbow 15 Deg 21
Descrip: RC Elbow 15 Deg 21”



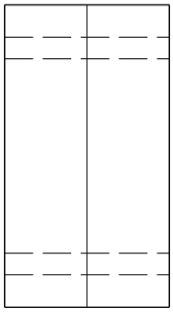
Cell Name: RC Elbow 15 Deg 24
Descrip: RC Elbow 15 Deg 24”



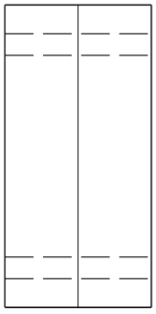
Cell Name: RC Elbow 15 Deg 30
Descrip: RC Elbow 15 Deg 30”



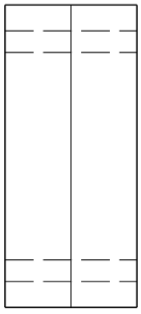
Cell Name: RC Elbow 15 Deg 36
Descrip: RC Elbow 15 Deg 36”



Cell Name: RC Elbow 15 Deg 42
Descrip: RC Elbow 15 Deg 42”

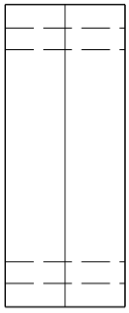


Cell Name: RC Elbow 15 Deg 48
Descrip: RC Elbow 15 Deg 48”

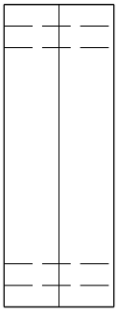


RC Elbow 15 Deg 54 – RC Elbow 30 Deg 36

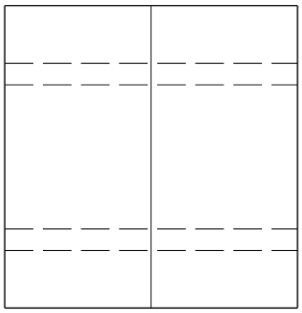
Cell Name: RC Elbow 15 Deg 54
Descrip: RC Elbow 15 Deg 54”



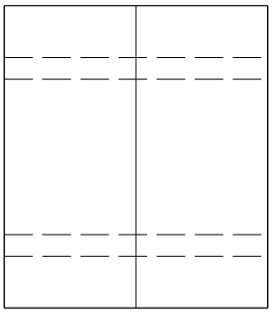
Cell Name: RC Elbow 15 Deg 60
Descrip: RC Elbow 15 Deg 60”



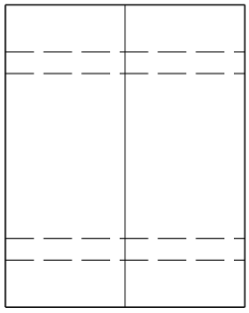
Cell Name: RC Elbow 30 Deg 15
Descrip: RC Elbow 30 Deg 15”



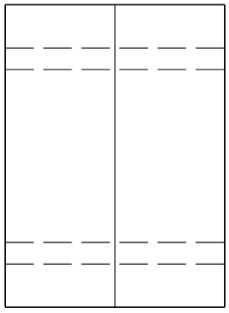
Cell Name: RC Elbow 30 Deg 18
Descrip: RC Elbow 30 Deg 18”



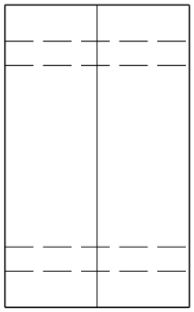
Cell Name: RC Elbow 30 Deg 21
Descrip: RC Elbow 30 Deg 21”



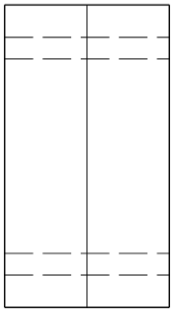
Cell Name: RC Elbow 30 Deg 24
Descrip: RC Elbow 30 Deg 24”



Cell Name: RC Elbow 30 Deg 30
Descrip: RC Elbow 30 Deg 30”

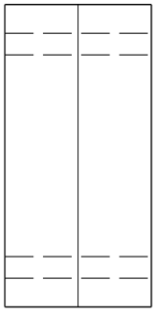


Cell Name: RC Elbow 30 Deg 36
Descrip: RC Elbow 30 Deg 36”

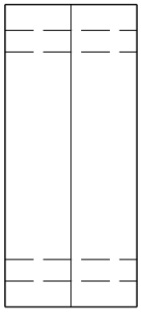


RC Elbow 30 Deg 42 – RC Elbow 45 Deg 24

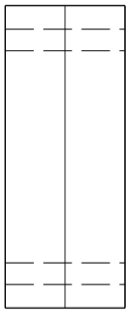
Cell Name: RC Elbow 30 Deg 42
Descrip: RC Elbow 30 Deg 42”



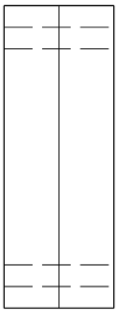
Cell Name: RC Elbow 30 Deg 48
Descrip: RC Elbow 30 Deg 48”



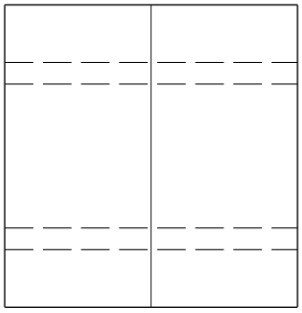
Cell Name: RC Elbow 30 Deg 54
Descrip: RC Elbow 30 Deg 54”



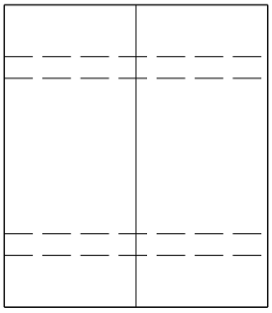
Cell Name: RC Elbow 30 Deg 60
Descrip: RC Elbow 30 Deg 60”



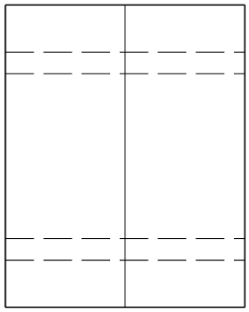
Cell Name: RC Elbow 45 Deg 15
Descrip: RC Elbow 45 Deg 15”



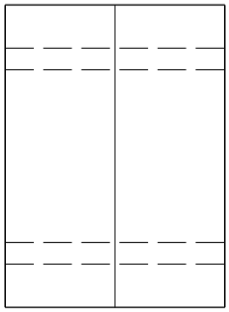
Cell Name: RC Elbow 45 Deg 18
Descrip: RC Elbow 45 Deg 18”



Cell Name: RC Elbow 45 Deg 21
Descrip: RC Elbow 45 Deg 21”

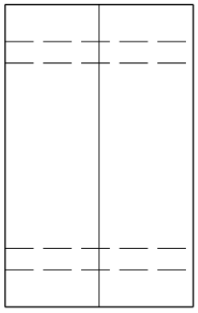


Cell Name: RC Elbow 45 Deg 24
Descrip: RC Elbow 45 Deg 24”

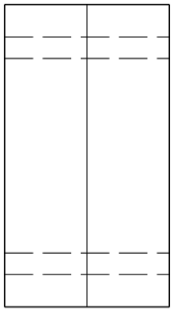


RC Elbow 45 Deg 30 – RC FES 30

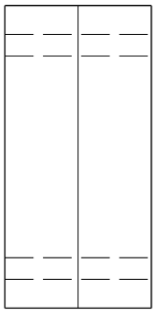
Cell Name: RC Elbow 45 Deg 30
Descrip: RC Elbow 45 Deg 30"



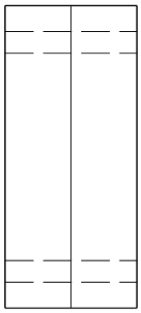
Cell Name: RC Elbow 45 Deg 36
Descrip: RC Elbow 45 Deg 36"



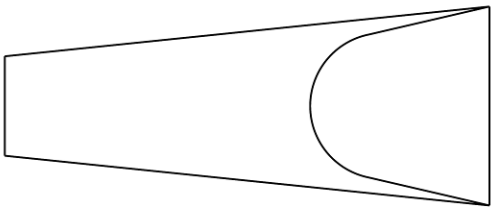
Cell Name: RC Elbow 45 Deg 42
Descrip: RC Elbow 45 Deg 42"



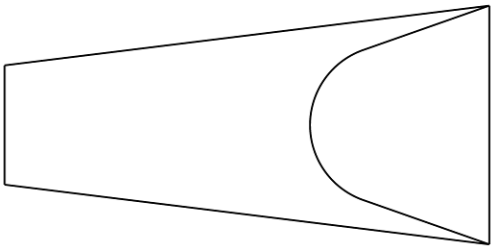
Cell Name: RC Elbow 45 Deg 48
Descrip: RC Elbow 45 Deg 48"



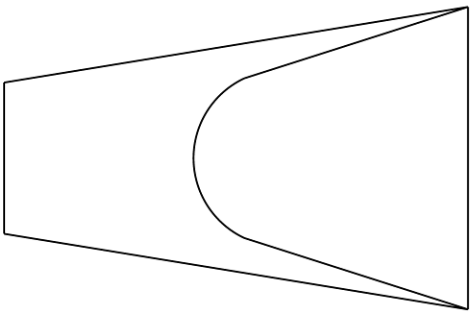
Cell Name: RC FES 15
Descrip: 15" RC FES



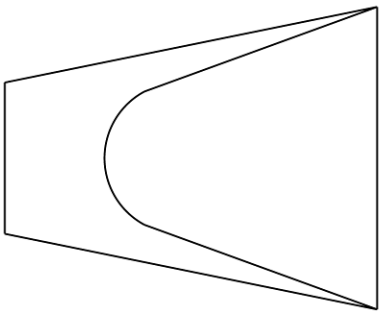
Cell Name: RC FES 18
Descrip: 18" RC FES



Cell Name: RC FES 24
Descrip: 24" RC FES

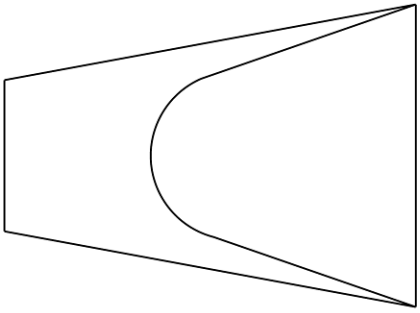


Cell Name: RC FES 30
Descrip: 30" RC FES

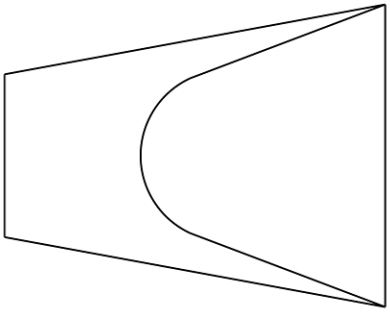


RC FES 36 – RC FES w Grate 15

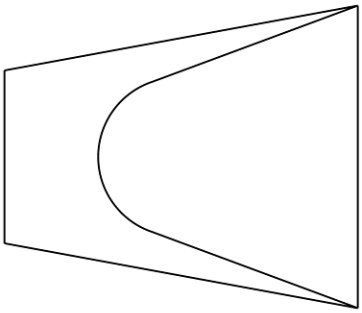
Cell Name: RC FES 36
Descrip: 36" RC FES



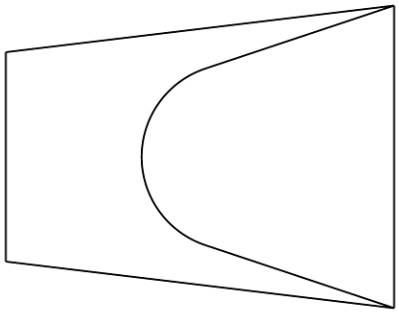
Cell Name: RC FES 42
Descrip: 42" RC FES



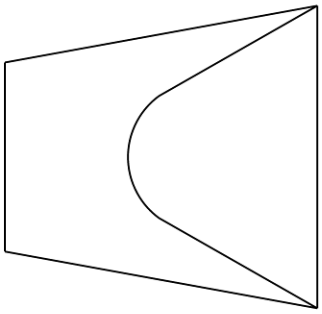
Cell Name: RC FES 48
Descrip: 48" RC FES



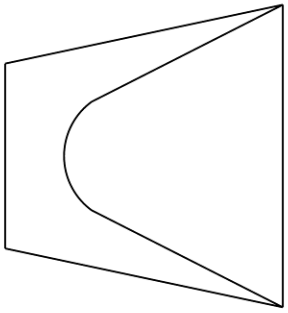
Cell Name: RC FES 54
Descrip: 54" RC FES



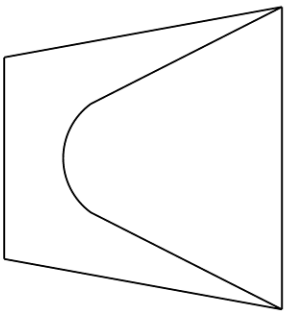
Cell Name: RC FES 60
Descrip: 60" RC FES



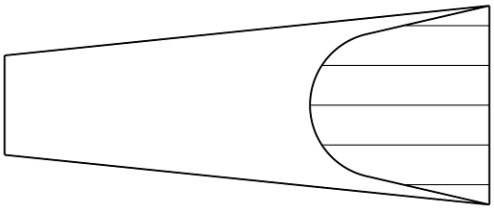
Cell Name: RC FES 66
Descrip: 66" RC FES



Cell Name: RC FES 72
Descrip: 72" RC FES

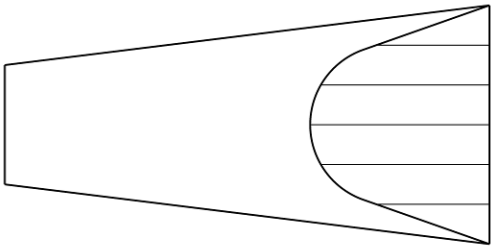


Cell Name: RC FES w Grate 15
Descrip: 15" RC FES w Grate

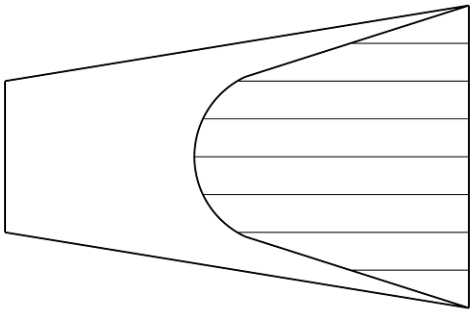


RC FES w Grate 18– RC FES w Grate 60

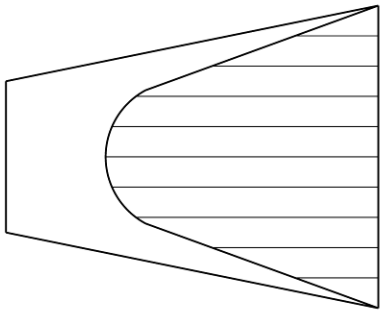
Cell Name: RC FES w Grate 18
Descrip: 18" RC FES w Grate



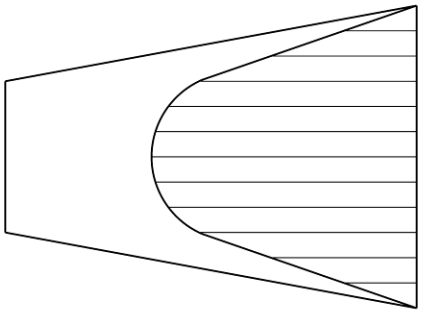
Cell Name: RC FES w Grate 24
Descrip: 24" RC FES w Grate



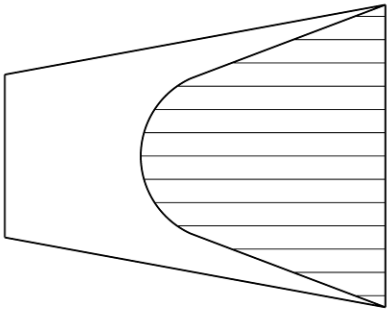
Cell Name: RC FES w Grate 30
Descrip: 30" RC FES w Grate



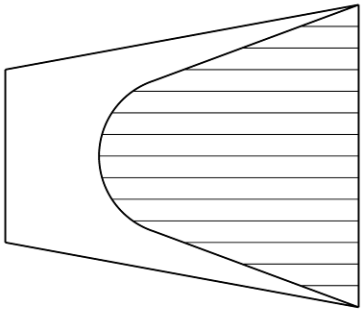
Cell Name: RC FES w Grate 36
Descrip: 36" RC FES w Grate



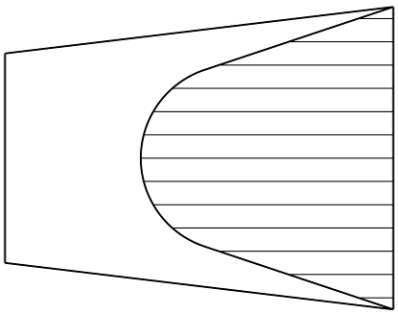
Cell Name: RC FES w Grate 42
Descrip: 42" RC FES w Grate



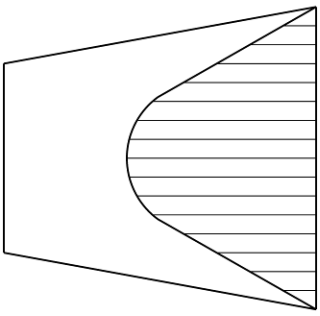
Cell Name: RC FES w Grate 48
Descrip: 48" RC FES w Grate



Cell Name: RC FES w Grate 54
Descrip: 54" RC FES w Grate

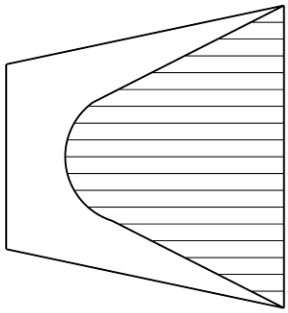


Cell Name: RC FES w Grate 60
Descrip: 60" RC FES w Grate

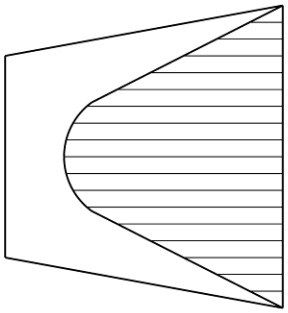


RC FES w Grate 66– Rem Rst 42 RC FES

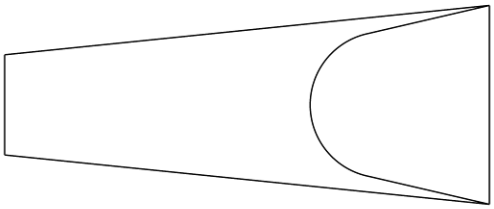
Cell Name: RC FES w Grate 66
Descrip: 66" RC FES w Grate



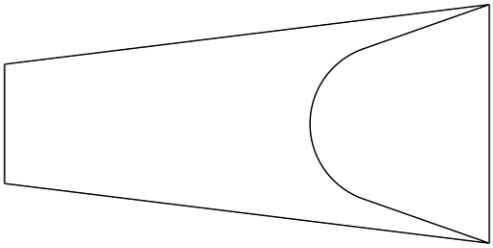
Cell Name: RC FES w Grate 72
Descrip: 72" RC FES w Grate



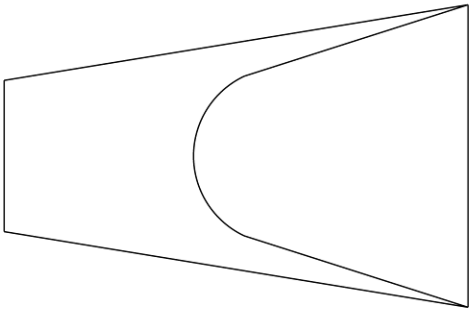
Cell Name: Rem Rst 15 RC FES
Descrip: Remove Reinstall 15" RC FES



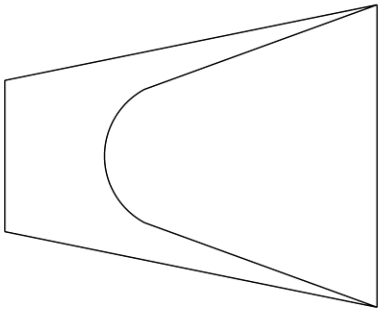
Cell Name: Rem Rst 18 RC FES
Descrip: Remove Reinstall 18" RC FES



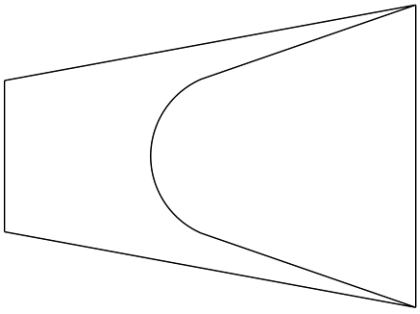
Cell Name: Rem Rst 24 RC FES
Descrip: Remove Reinstall 24" RC FES



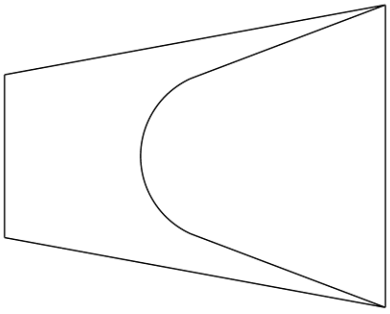
Cell Name: Rem Rst 30 RC FES
Descrip: Remove Reinstall 30" RC FES



Cell Name: Rem Rst 36 RC FES
Descrip: Remove Reinstall 36" RC FES

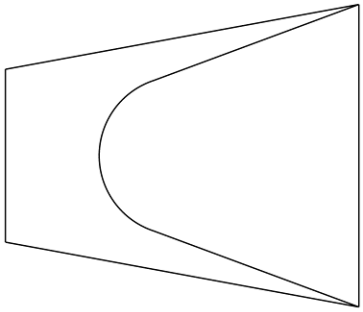


Cell Name: Rem Rst 42 RC FES
Descrip: Remove Reinstall 42" RC FES

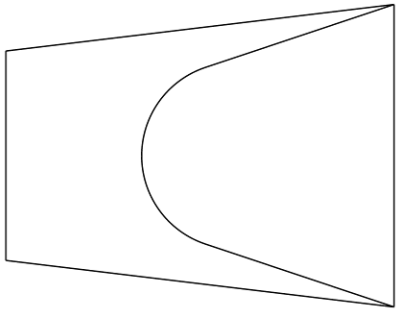


Rem Rst 48 RC FES – Sto Sew Inlet Radius 72

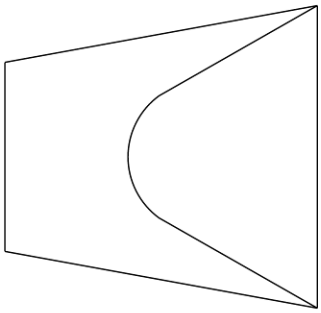
Cell Name: Rem Rst 48 RC FES
Descrip: Remove Reinstall 48" RC FES



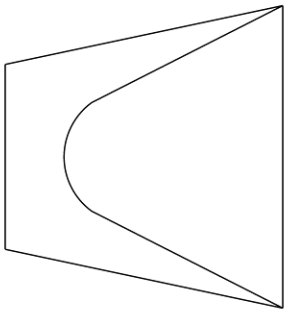
Cell Name: Rem Rst 54 RC FES
Descrip: Remove Reinstall 54" RC FES



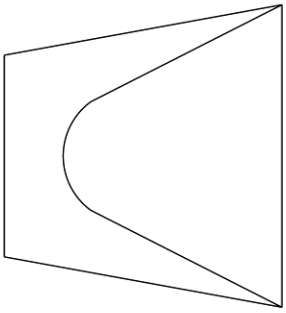
Cell Name: Rem Rst 60 RC FES
Descrip: Remove Reinstall 60" RC FES



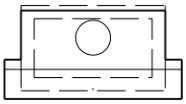
Cell Name: Rem Rst 66 RC FES
Descrip: Remove Reinstall 66" RC FES



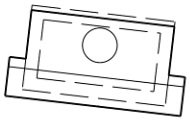
Cell Name: Rem Rst 72 RC FES
Descrip: Remove Reinstall 72" RC FES



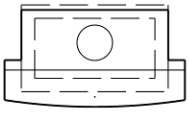
Cell Name: Sto Sew Inlet 72
Descrip: 72" Storm Sewer Inlet



Cell Name: Sto Sew Inlet Canted 72
Descrip: 72" Canted Storm Sewer Inlet

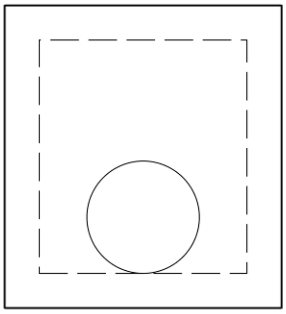


Cell Name: Sto Sew Inlet Radius 72
Descrip: 72" Radius Storm Sewer Inlet

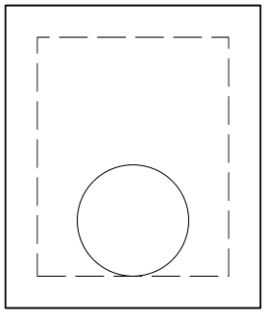


Sto Sew MH 15-30 - Sto Sew MH 66-72

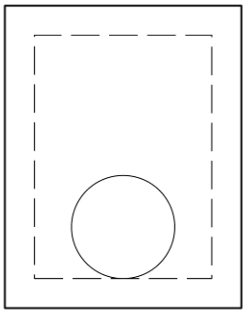
Cell Name: Sto Sew MH 15–30
Descrip: Storm Sewer MH 15" to 30" pipe



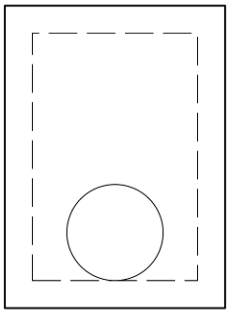
Cell Name: Sto Sew MH 36
Descrip: Storm Sewer MH for 36" pipe



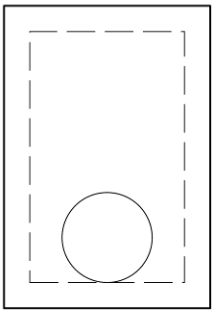
Cell Name: Sto Sew MH 42
Descrip: Storm Sewer MH for 42" pipe



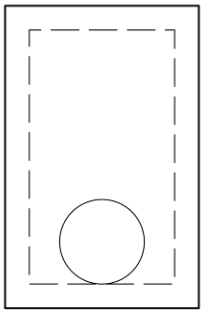
Cell Name: Sto Sew MH 42–48
Descrip: Storm Sewer MH for 42" to 48" pipe



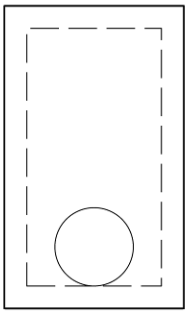
Cell Name: Sto Sew MH 54
Descrip: Storm Sewer MH for 54" pipe



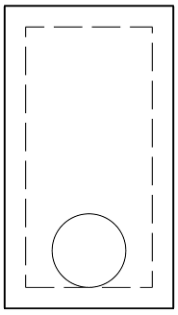
Cell Name: Sto Sew MH 54–60
Descrip: Storm Sewer MH for 54" to 60" pipe



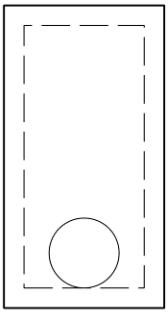
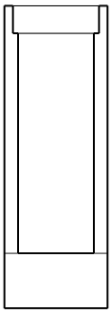
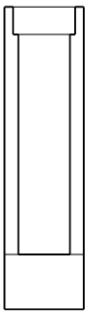
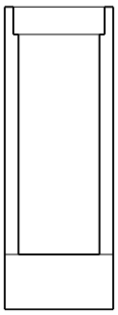
Cell Name: Sto Sew MH 66
Descrip: Storm Sewer MH for 66" pipe



Cell Name: Sto Sew MH 66–72
Descrip: Storm Sewer MH for 66" to 72" pipe

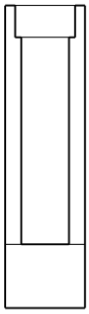


Sto Sew MH 78 – vGrate Inlet04

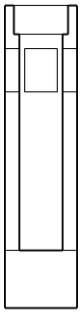
Cell Name: Sto Sew MH 78 Descrip: Storm Sewer MH for 78" pipe 	Cell Name: vCurb Inlet01 Descrip: LSP 100, Type A–1
Cell Name: vCurb Inlet02 Descrip: LSP 101, Type A–2 	Cell Name: vCurb Inlet03 Descrip: Vault
Cell Name: vGrate Inlet01 Descrip: LSP 130, Type E, Section A–A 	Cell Name: vGrate Inlet02 Descrip: LSP 130, Type E, Section B–B 
Cell Name: vGrate Inlet03 Descrip: LSP 130, Type H, Section A–A 	Cell Name: vGrate Inlet04 Descrip: LSP 130, Type H, Section B–B 

vGrate Inlet05 – vRC FES 24

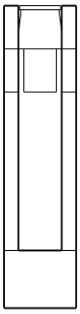
Cell Name: vGrate Inlet05
Descrip: LSP 131, Type F–1



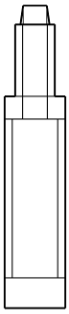
Cell Name: vGrate Inlet06
Descrip: LSP 131, Type F–2



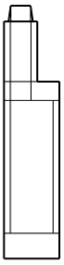
Cell Name: vGrate Inlet07
Descrip: LSP 131, Type F–3



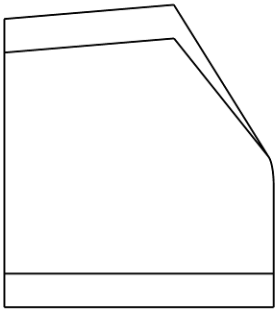
Cell Name: vManhole01
Descrip: LSP 141, Section A–A



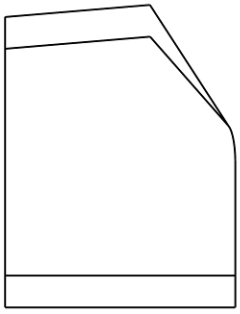
Cell Name: vManhole02
Descrip: LSP 141, Section B–B



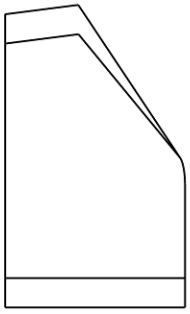
Cell Name: vRC FES 15
Descrip:



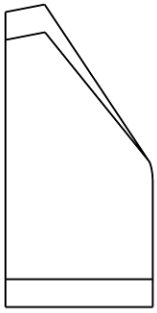
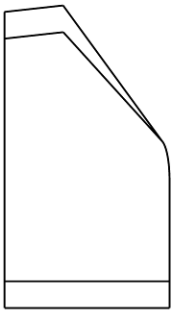
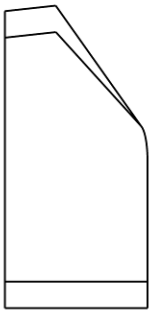
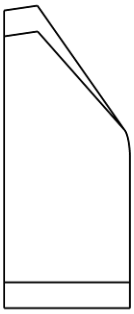
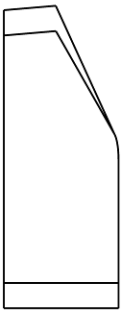
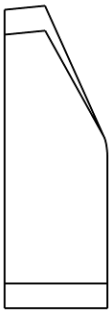
Cell Name: vRC FES 18
Descrip:



Cell Name: vRC FES 24
Descrip:



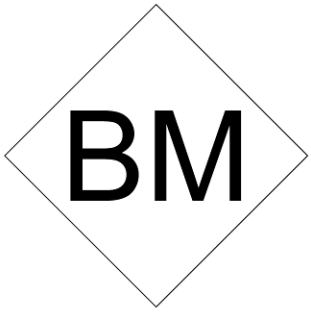
vRC FES 30 – vRC FES 72

Cell Name: vRC FES 30 Descrip: 	Cell Name: vRC FES 36 Descrip: 
Cell Name: vRC FES 42 Descrip: 	Cell Name: vRC FES 48 Descrip: 
Cell Name: vRC FES 54 Descrip: 	Cell Name: vRC FES 60 Descrip: 
Cell Name: vRC FES 66 Descrip: 	Cell Name: vRC FES 72 Descrip:

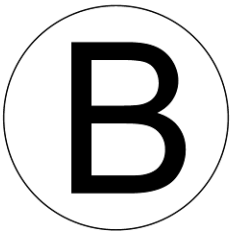
Survey_V8i.cel

Benchmark – CP Landbase

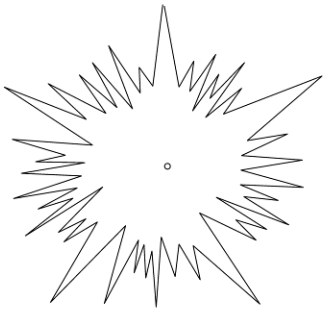
Cell Name: Benchmark
Descrip: Surveyed benchmark



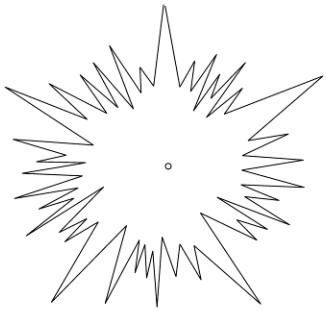
Cell Name: Boring
Descrip: Surveyed Boring



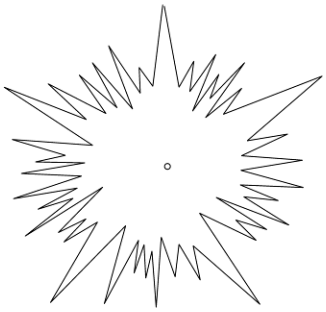
Cell Name: C tree 12 to 23
Descrip: Surveyed conifer tree 12" to 23"



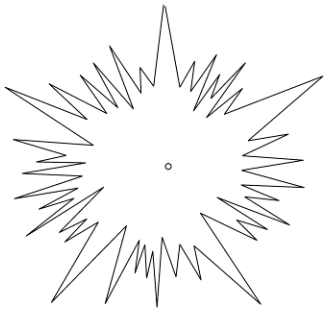
Cell Name: C tree 24 to 35
Descrip: Surveyed conifer trees 24" to 35"



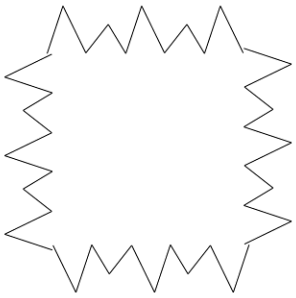
Cell Name: C tree 36 over
Descrip: Surveyed conifer tree > 36"



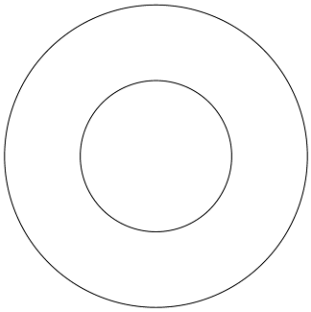
Cell Name: C tree under 12
Descrip: Surveyed conifer tree < 12"



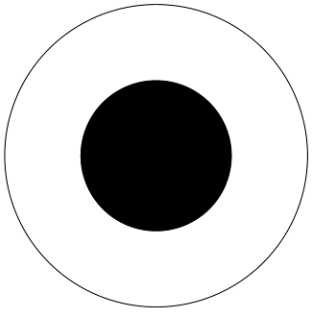
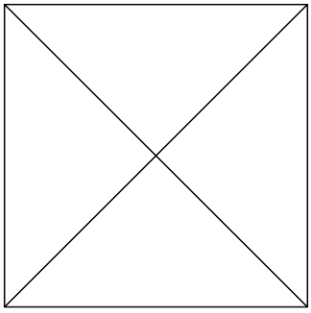
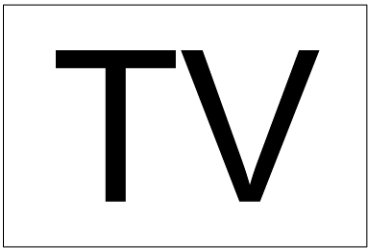
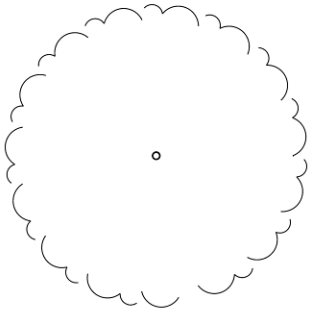
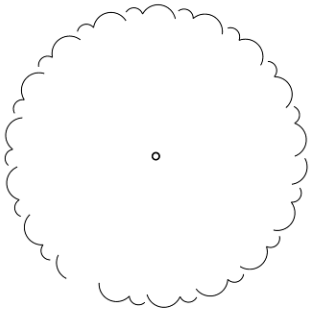
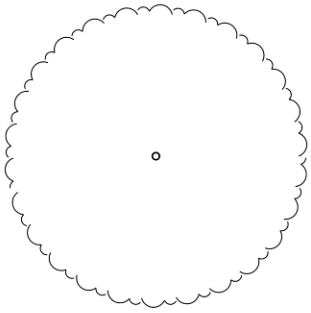
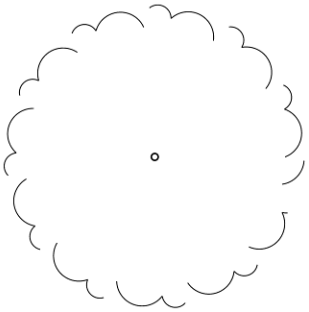
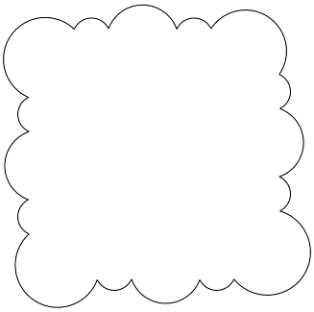
Cell Name: CBush
Descrip: Surveyed Bush



Cell Name: CP Landbase
Descrip: Surveyed control point

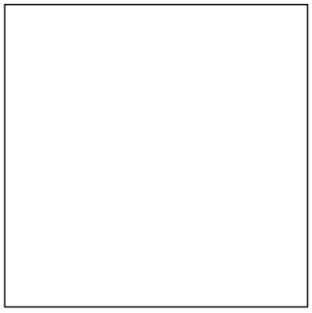


CP Survey – DBush

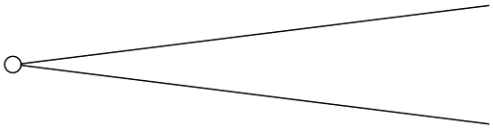
Cell Name: CP Survey Descrip: Surveyed control point 	Cell Name: Cabinet Descrip: TS in Ground 
Cell Name: Cable TV Riser Descrip: Surveyed cable TV riser 	Cell Name: D tree 12 to 23 Descrip: Surveyed deciduous tree 12" to 23" 
Cell Name: D tree 24 to 35 Descrip: Surveyed deciduous tree 24" to 35" 	Cell Name: D tree 36 over Descrip: Surveyed deciuous tree > 36" 
Cell Name: D tree under 12 Descrip: Surveyed deciduous tree < 12" 	Cell Name: DBush Descrip: Surveyed DBush 

Detector – Electric Meter

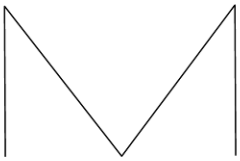
Cell Name: Detector
Descrip: TS in Ground



Cell Name: Detector Camera
Descrip: TS above Ground

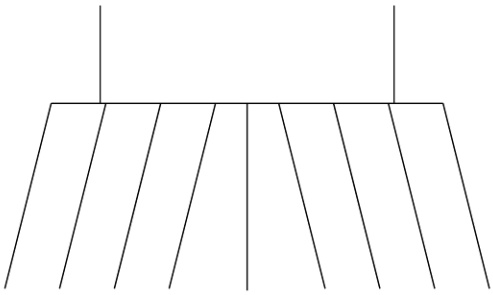


Cell Name: Detector Magnetic
Descrip: TS in Ground

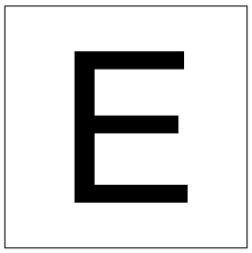


Cell Name: Down Guy
Descrip: TS in Ground

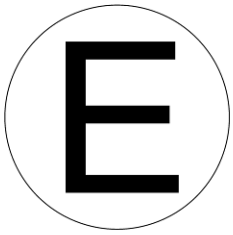
Cell Name: Dynamic Message Sign
Descrip: TS above Ground



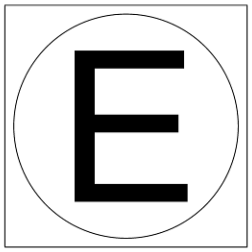
Cell Name: Electric Box
Descrip: Surveyed electrial riser box



Cell Name: Electric MH
Descrip: Surveyed electric MH

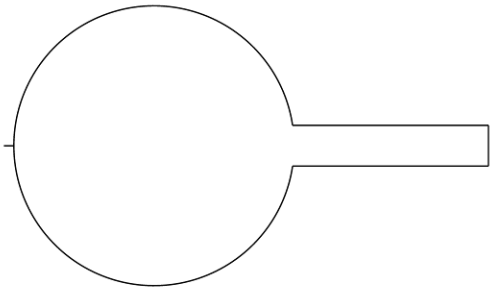


Cell Name: Electric Meter
Descrip: Surveyed electric meter

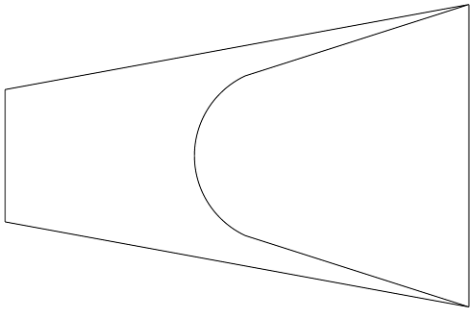


Emergency Detector – Guy Pole

Cell Name: Emergency Detector
Descrip: TS above Ground



Cell Name: FES
Descrip: Surveyed Flared End Section

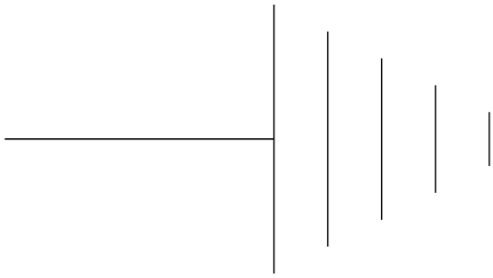


Cell Name: Gas Blow Off
Descrip: Surveyed gas blow off

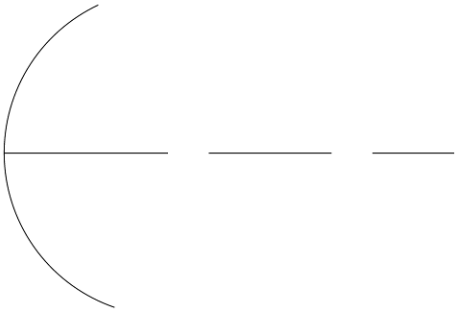
Cell Name: Gas Meter
Descrip: Surveyed gas meter

Cell Name: Gas Valve
Descrip: Surveyed gas valve

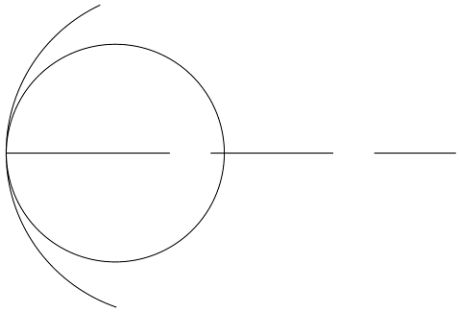
Cell Name: Ground
Descrip: TS above Ground



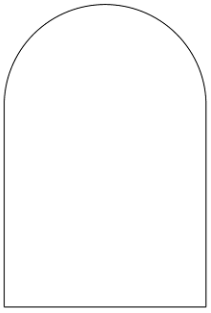
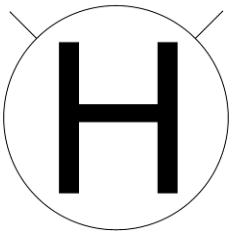
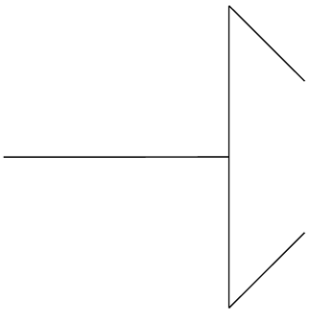
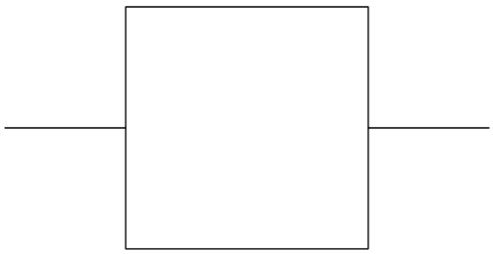
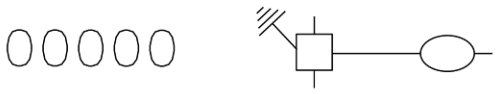
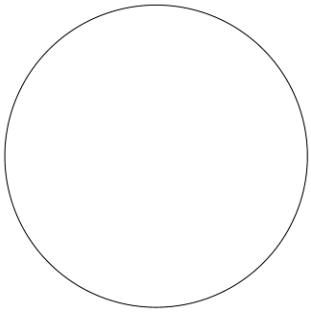
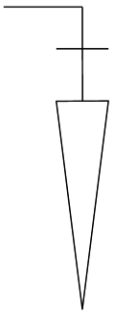
Cell Name: Guy Anchor
Descrip: Surveyed guy anchor



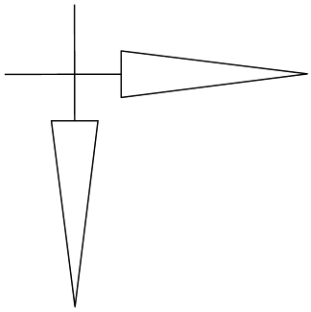
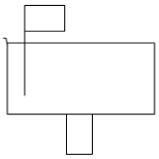
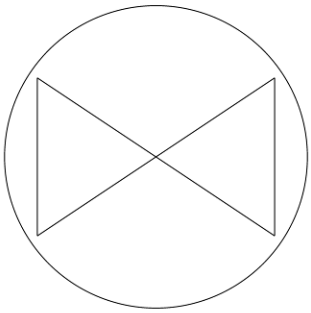
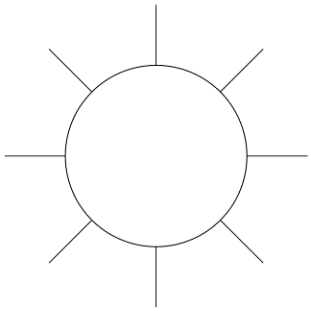
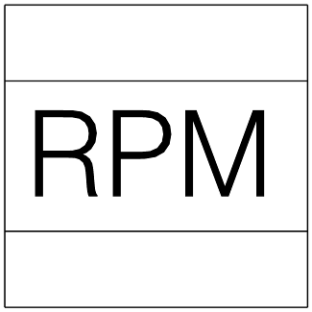
Cell Name: Guy Pole
Descrip: Surveyed guy pole



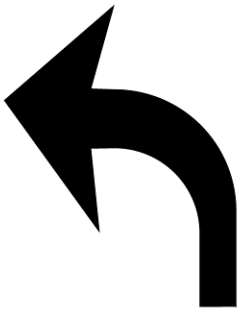
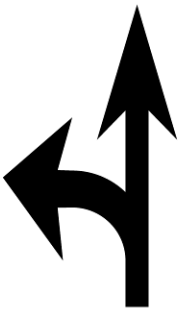
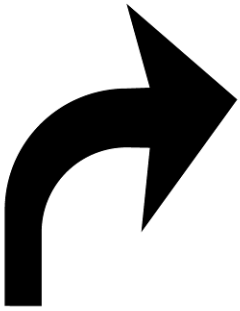
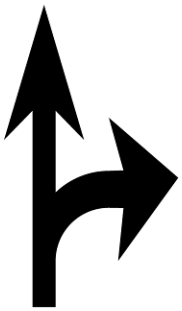
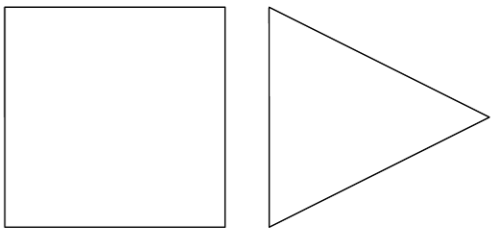
Head Stone – Left Turn Protected

Cell Name: Head Stone Descrip: Surveyed Head Stone 	Cell Name: Hydrant Descrip: Surveyed Hydrant 
Cell Name: LED Sign Descrip: TS above Ground 	Cell Name: LES Pole Descrip: TS in Ground 
Cell Name: LES Pole with Light Descrip: TS in Ground 	Cell Name: LES Pole with Light and Ground Descrip: TS in Ground 
Cell Name: LTCR Descrip: Surveyed Lot Corner 	Cell Name: Left Turn Protected Descrip: TS above Ground 

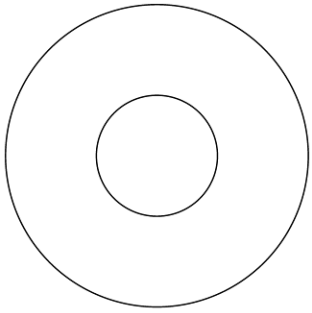
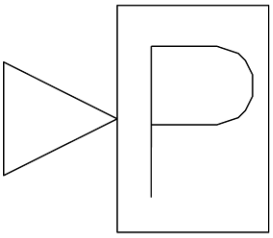
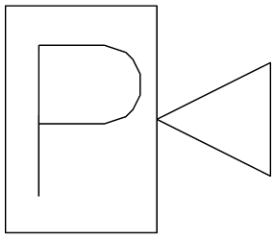
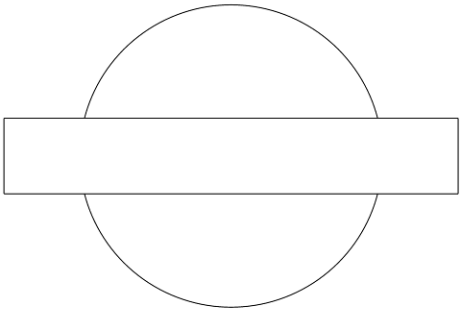
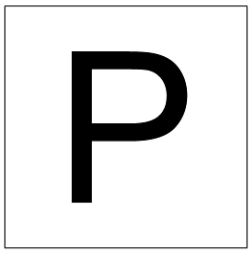
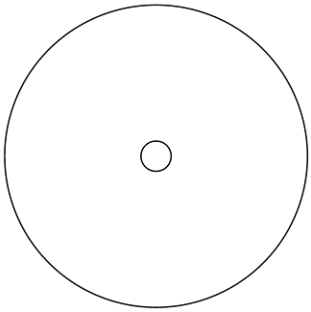
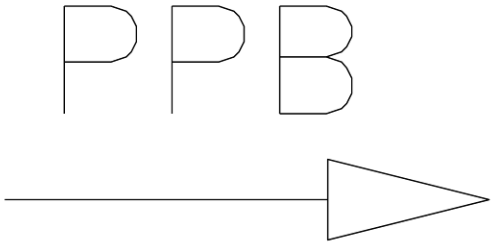
Left Turn Signal – PM RXR

Cell Name: Left Turn Signal Descrip: TS above Ground 	Cell Name: Light Pole Descrip: Surveyed light pole
Cell Name: Mailbox Descrip: Surveyed mailbox 	Cell Name: Monitoring Well Descrip: Surveyed monitoring well 
Cell Name: Ornamental Light Descrip: Surveyed ornamental light pole 	Cell Name: PM BIKE LANE Descrip: PM BIKE LN
Cell Name: PM RPM Descrip: PM RPM 	Cell Name: PM RXR Descrip: PM RR CROSSING

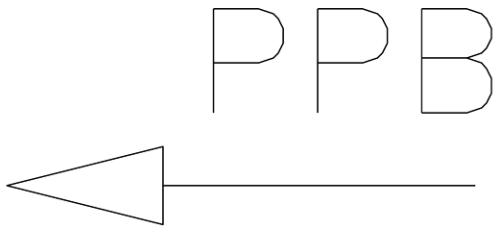
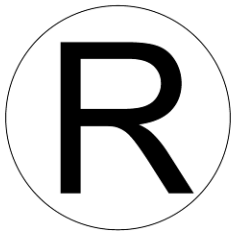
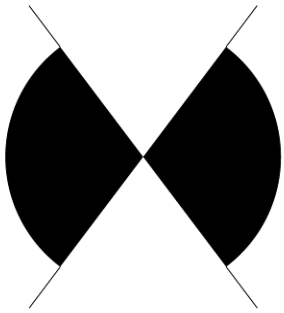
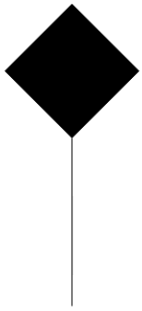
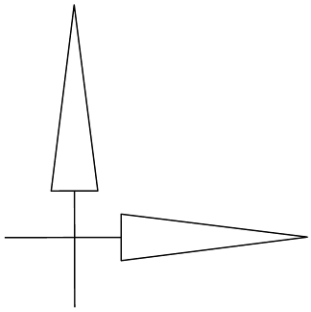
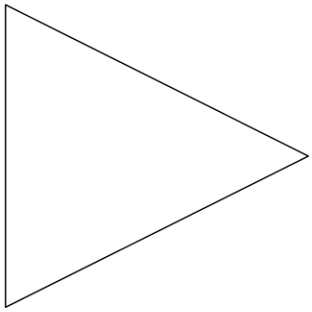
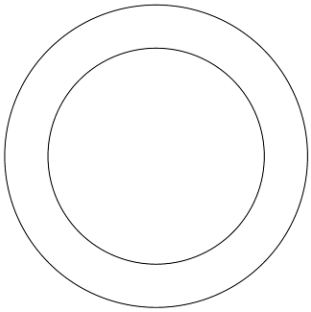
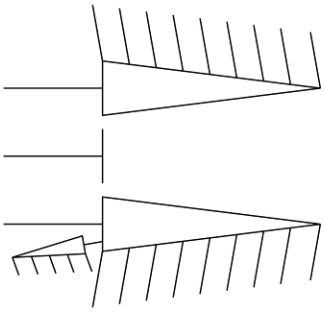
PM SLARW – Pipe End

Cell Name: PM SLARW Descrip: PM SOLID LT TURN ARROW 	Cell Name: PM SLTSAR Descrip: PM SOLID ST AND LT ARROW 
Cell Name: PM SOONLY Descrip: PM SOLID ONLY 	Cell Name: PM SRARW Descrip: PM SOLID RT TURN ARROW 
Cell Name: PM SRSAR Descrip: PM SOLID ST AND RT TURN ARROW 	Cell Name: PM SSTARW Descrip: PM SOLID ST ARROW
Cell Name: Pedestrian Signal Descrip: TS above Ground 	Cell Name: Pipe End Descrip: TS in Ground

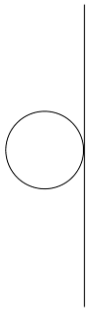
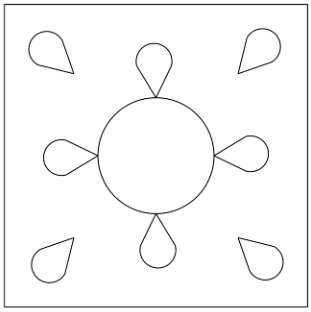
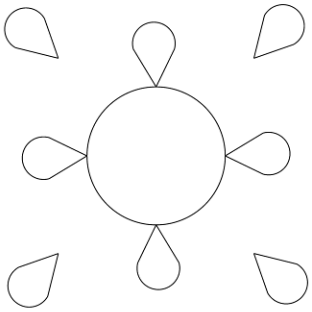
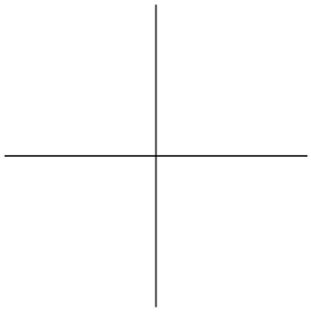
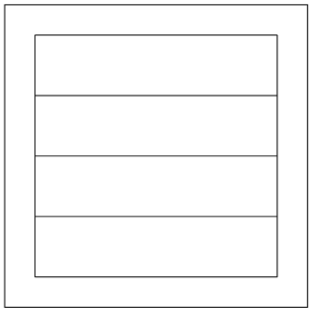
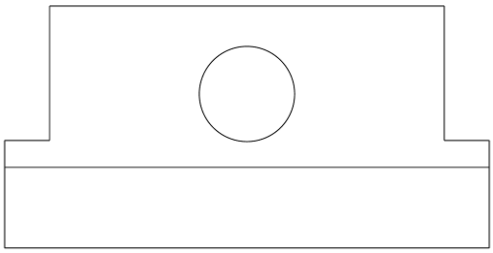
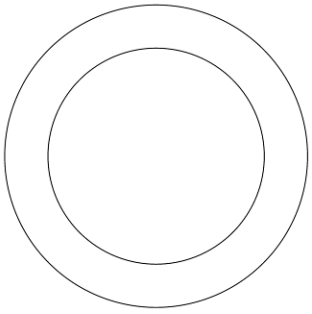
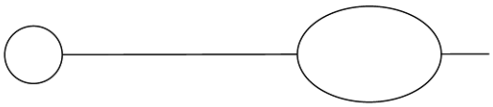
Plug – Push Button

Cell Name: Plug Descrip: TS in Ground 	Cell Name: Pole with Foundation Descrip: TS in Ground 
Cell Name: Power Pole Descrip: TS in Ground 	Cell Name: Power Pole Left Descrip: TS in Ground 
Cell Name: Private Wtr Well Descrip: Surveyed Private Wtr Well 	Cell Name: Pull Box Descrip: Surveyed pull box 
Cell Name: Pull Box01 Descrip: TS in Ground 	Cell Name: Push Button Descrip: TS above Ground 

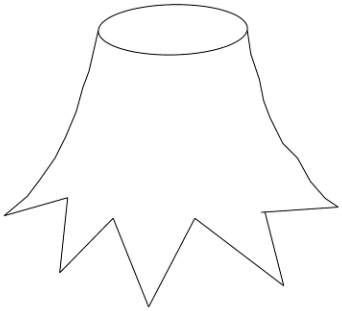
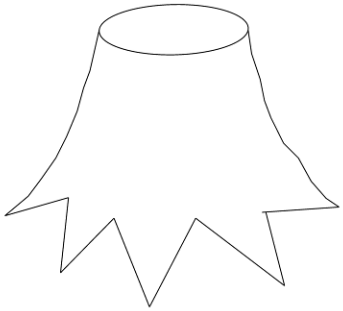
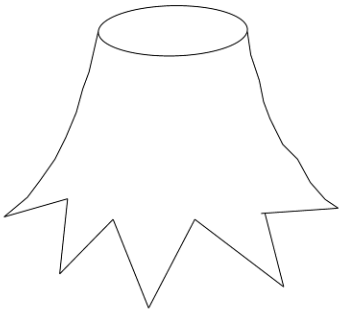
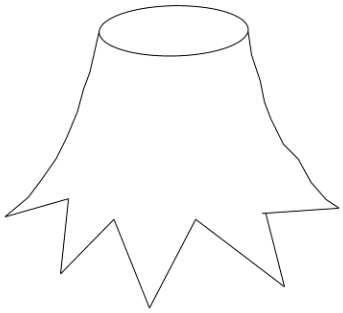
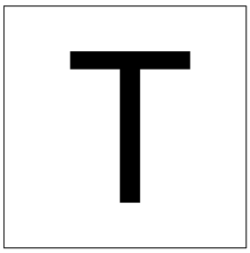
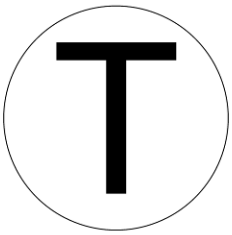
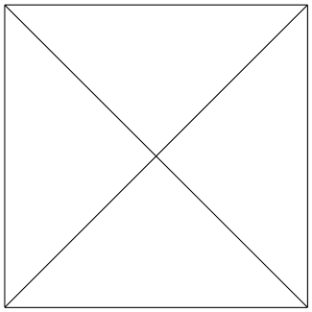
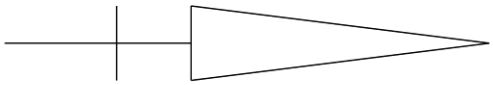
Push Button Left – School Assemble

Cell Name: Push Button Left Descrip: TS above Ground 	Cell Name: ROW Descrip: Surveyed ROW Marker 
Cell Name: RRSIG Descrip: Surveyed RailRoad Crossing Signal 	Cell Name: RRSW Descrip: Surveyed RailRoad Switch 
Cell Name: Right Turn Signal Descrip: TS above Ground 	Cell Name: Riser Descrip: TS in Ground 
Cell Name: Sanitary MH Descrip: Surveyed Sanitary Sewer Manhole 	Cell Name: School Assemble Descrip: TS above Ground 

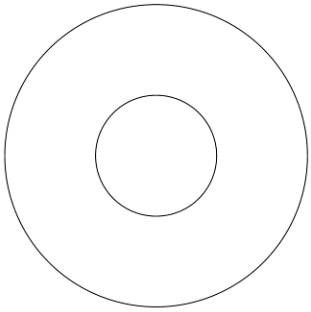
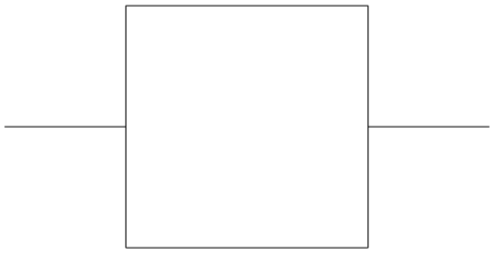
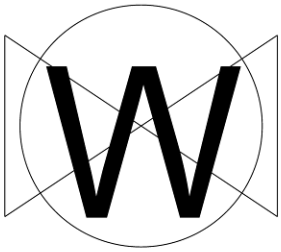
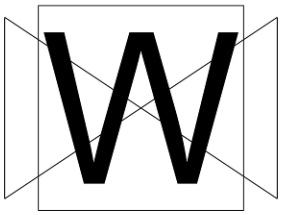
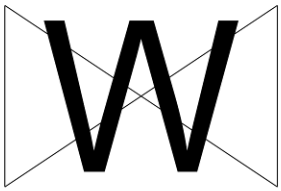
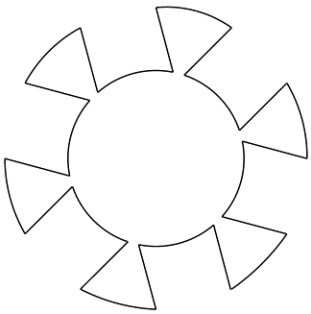
Sign – Street Light Pole

Cell Name: Sign Descrip: Surveyed Sign 	Cell Name: Sprinkler Control Box Descrip: Surveyed sprinkler control box 
Cell Name: Sprinkler Head Descrip: Surveyed sprinkler head 	Cell Name: Stat Descrip: random survey point 
Cell Name: Storm Grate Descrip: Surveyed storm sewer grate inlet 	Cell Name: Storm Inlet Descrip: Surveyed storm sewer inlet 
Cell Name: Storm MH Descrip: Surveyed storm sewer Man Hole 	Cell Name: Street Light Pole Descrip: TS in Ground 

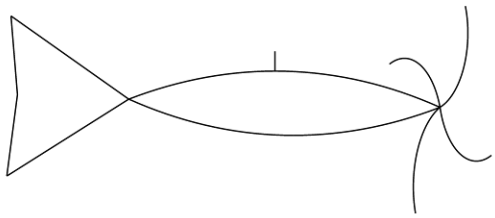
Stump 12 to 23 – Traffic Signal

Cell Name: Stump 12 to 23 Descrip: Surveyed stump 12" to 23" 	Cell Name: Stump 24 to 35 Descrip: Surveyed stump 24" to 35" 
Cell Name: Stump 36 over Descrip: Surveyed stump 36" and over 	Cell Name: Stump under 12 Descrip: Surveyed stump under 12" 
Cell Name: Telephone Box Descrip: Surveyed telephone riser box 	Cell Name: Telephone MH Descrip: Surveyed telephone man hole 
Cell Name: Traffic Control Box Descrip: Surveyed traffic control box 	Cell Name: Traffic Signal Descrip: TS above Ground 

Traffic Signal Pole – Weather Probe

Cell Name: Traffic Signal Pole Descrip: Surveyed traffic signal pole 	Cell Name: Utility Pole Descrip: Surveyed utility pole 
Cell Name: Water Blow Off Descrip: Surveyed water blow off 	Cell Name: Water MH Descrip: Surveyed water man hole
Cell Name: Water Meter Descrip: Surveyed water meter 	Cell Name: Water Stop Box Descrip: Surveyed water service stop box 
Cell Name: Water Valve Descrip: Surveyed water valve 	Cell Name: Weather Probe Descrip: TS in Ground 

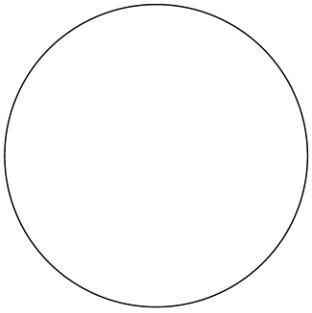
Weather Station – Yard Hydrant

Cell Name: Weather Station Descrip: TS above Ground 	Cell Name: Yard Hydrant Descrip: Surveyed Yard Hydrant

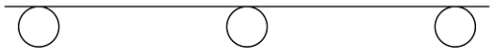
TrafCont_V8i.cel

TC_BARR_II – TC_TM42

Cell Name: TC_BARR_II
Descrip: Traffic Control Barricade Type II

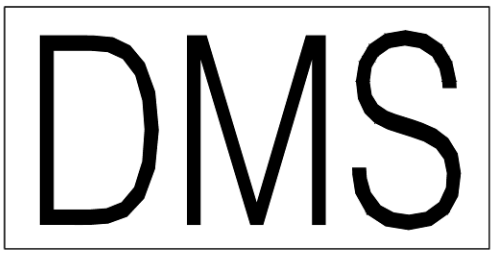


Cell Name: TC_BARR_III
Descrip: Traffic Control Barricade Type III

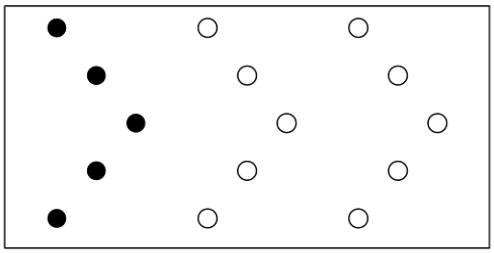


Cell Name: TC_Conc_Barrier
Descrip: Traffic Control Concrete Protection Barrier

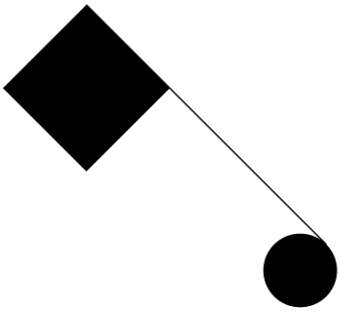
Cell Name: TC_DMS
Descrip: Traffic Control Digital Message Sign



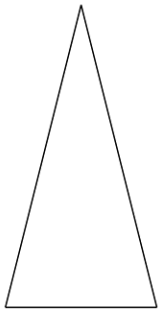
Cell Name: TC_FAP
Descrip: Traffic Control Flashing Arrow Panel



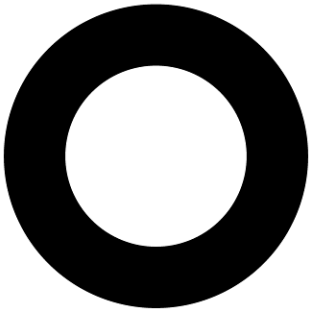
Cell Name: TC_FLAGG
Descrip: Traffic Control Flagger



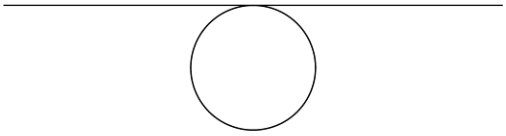
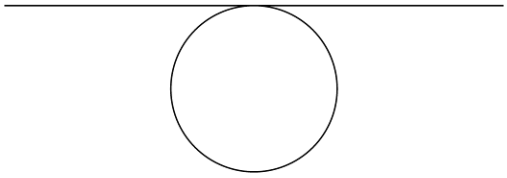
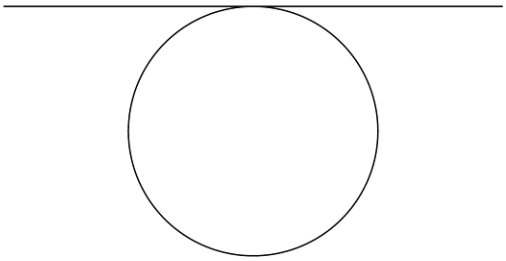
Cell Name: TC_GC42
Descrip: Traffic Control Grabber Cone 42”



Cell Name: TC_TM42
Descrip: Traffic Control Tubular Marker 42”



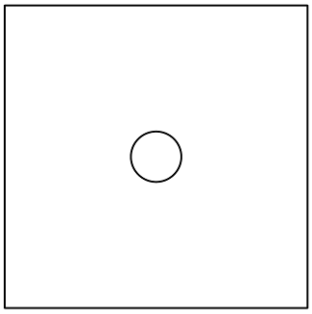
TC_WZS_L – TC_WZS_S

Cell Name: TC_WZS_L Descrip: Traffic Control Work Zone Sign Large 	Cell Name: TC_WZS_M Descrip: Traffic Control Work Zone Sign Medium 
Cell Name: TC_WZS_S Descrip: Traffic Control Work Zone Sign Small 	

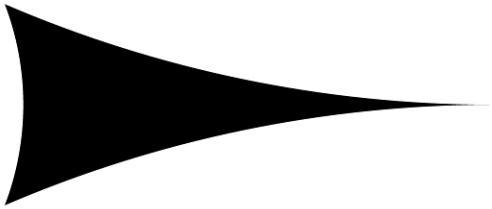
TRAFF_V8i.cel

Anchor Conc – Detector Vehicle 3 Turns

Cell Name: Anchor Conc
Descrip: NPI

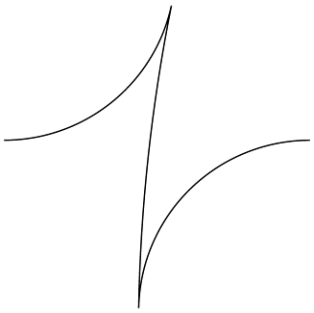


Cell Name: Arrow Head
Descrip: Note

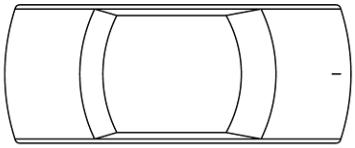


Cell Name: Bracket
Descrip: Note

Cell Name: Break Line
Descrip: Note



Cell Name: Car
Descrip: NPI

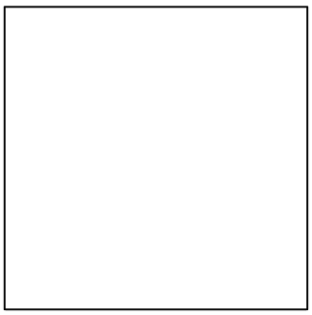


Cell Name: Conduit Plug
Descrip: NPI

Cell Name: Detector Number
Descrip: NPI

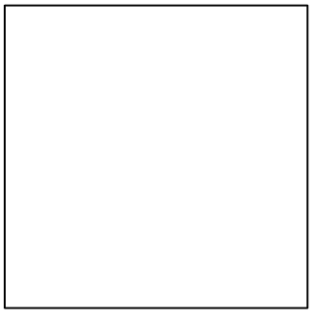
00A0

Cell Name: Detector Vehicle 3 Turns
Descrip: 24.10013

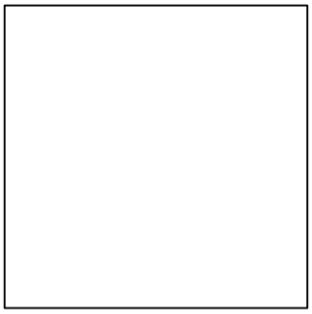


Detector Vehicle 3 Turns UC – Electric Meter Pedestal

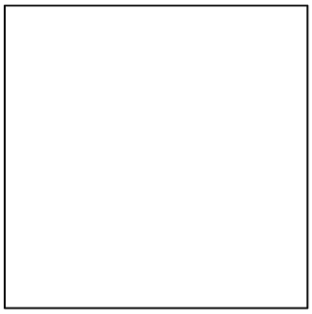
Cell Name: Detector Vehicle 3 Turns UC
Descrip: 24.10003



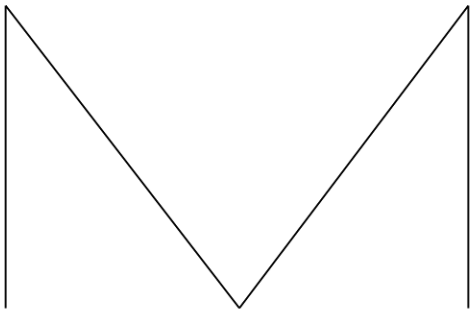
Cell Name: Detector Vehicle 4 Turns
Descrip: 24.10014



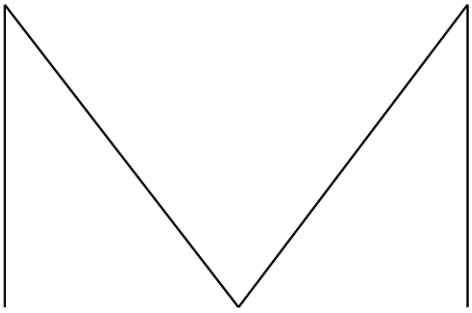
Cell Name: Detector Vehicle 4 Turns UC
Descrip: 24.10004



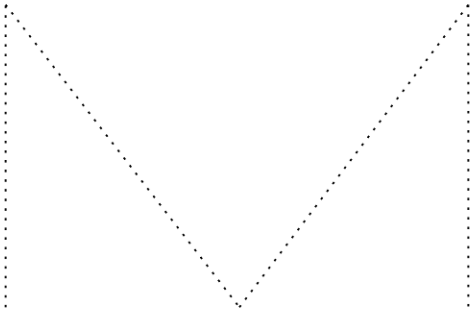
Cell Name: Detector Vehicle Magnetic
Descrip: 24.10100



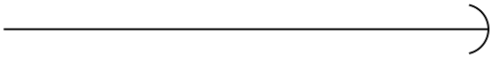
Cell Name: Detector Vehicle Magnetic Probe
Descrip: 24.10102



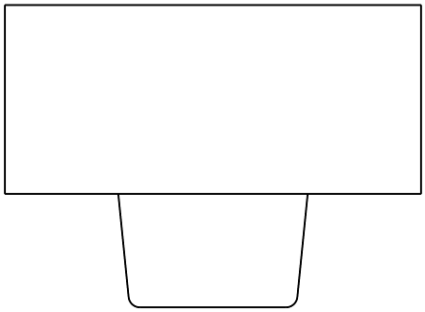
Cell Name: Detector Vehicle Magnetic less Probe
Descrip: 24.10101



Cell Name: Down Guy 25
Descrip: NPI

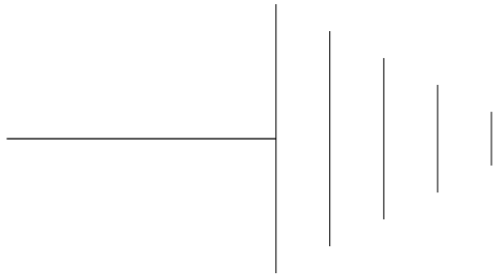


Cell Name: Electric Meter Pedestal
Descrip: 24.07001

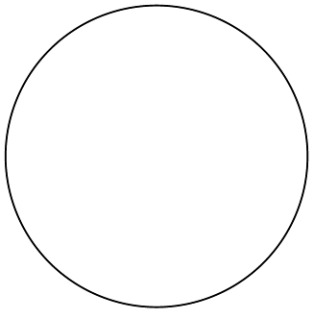


Ground – Inst DMS Support Pole

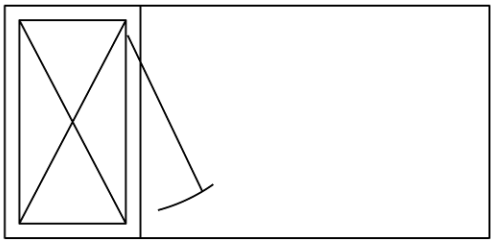
Cell Name: Ground
Descrip: NPI



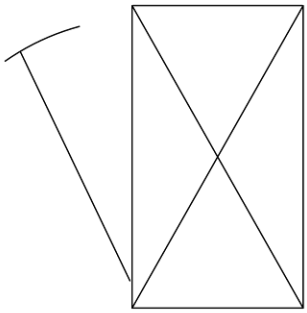
Cell Name: Ground Rod
Descrip: 24.09000



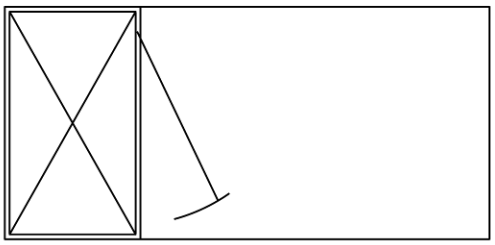
Cell Name: Inst Cabinet B
Descrip: 24.11002



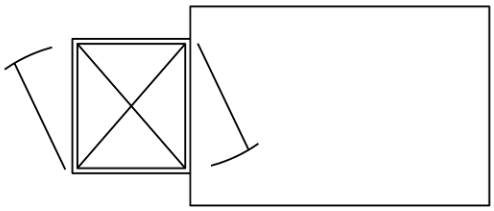
Cell Name: Inst Cabinet Box
Descrip: 24.11100



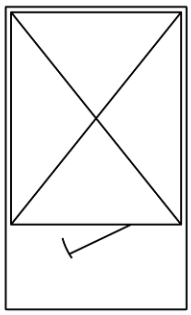
Cell Name: Inst Cabinet C
Descrip: 24.11003



Cell Name: Inst Cabinet F
Descrip: 24.11006



Cell Name: Inst Cabinet Hub
Descrip: 24.11101

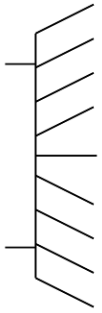


Cell Name: Inst DMS Support Pole
Descrip: 24.08601

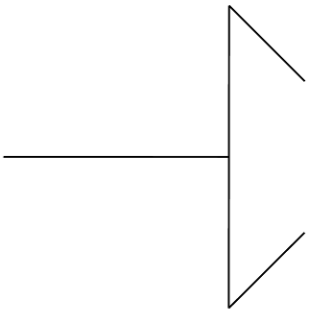
Inst DMS Support Pole 2 – Inst MA1 Pole 22

Cell Name: Inst DMS Support Pole 2
Descrip: 24.08602

Cell Name: Inst Dynamic Message Sign
Descrip: 24.15000

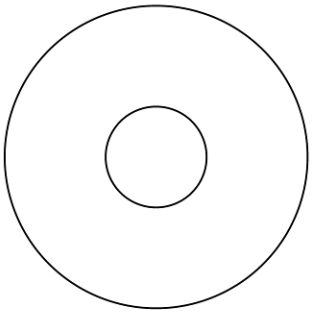


Cell Name: Inst LED Sign
Descrip: 24.13061



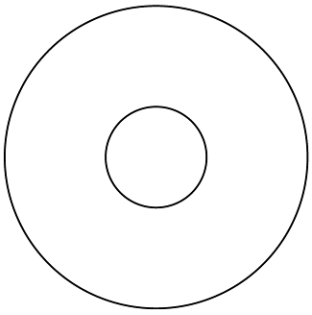
Cell Name: Inst MA1 Pole 18
Descrip: 24.08100

Cell Name: Inst MA1 Pole 18 less Mast Arm
Descrip: 24.08110



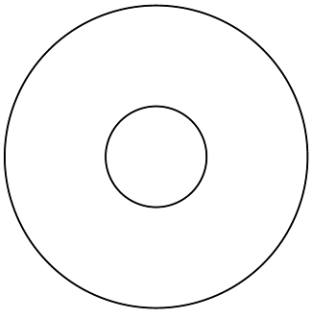
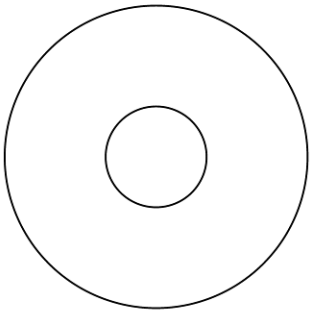
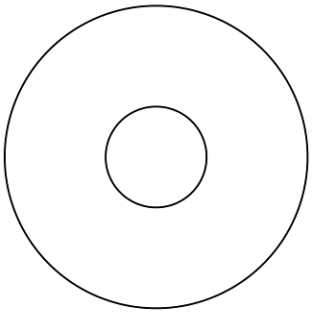
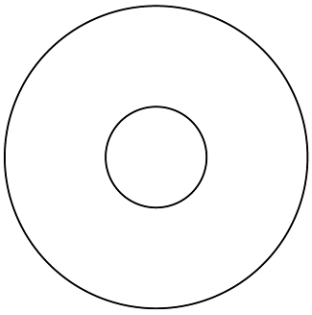
Cell Name: Inst MA1 Pole 20
Descrip: 24.08100

Cell Name: Inst MA1 Pole 20 less Mast Arm
Descrip: 24.08110

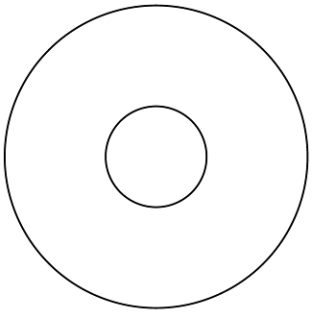
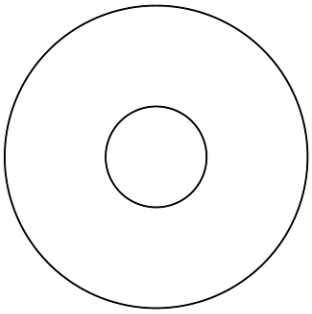
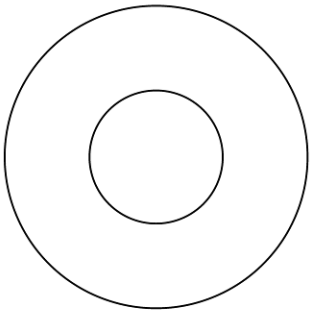
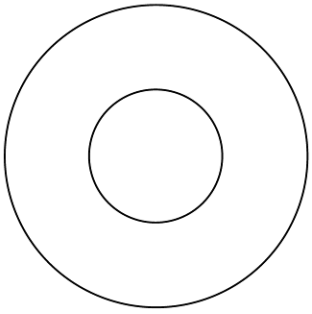


Cell Name: Inst MA1 Pole 22
Descrip: 24.08100

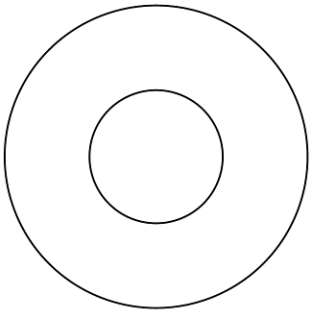
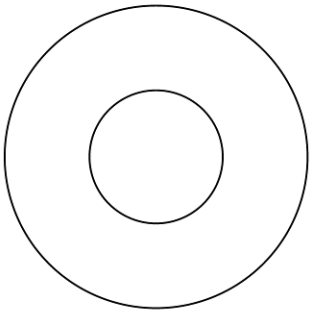
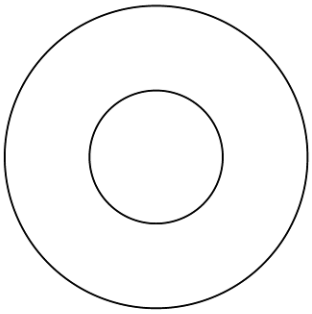
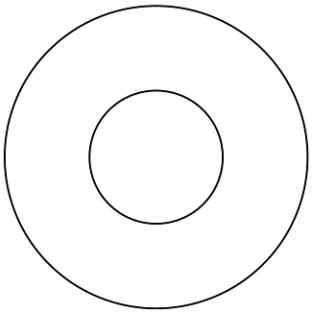
Inst MA1 Pole 22 less Mast Arm – Inst MA1 Pole 30

Cell Name: Inst MA1 Pole 22 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 24 Descrip: 24.08100
Cell Name: Inst MA1 Pole 24 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 26 Descrip: 24.08100
Cell Name: Inst MA1 Pole 26 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 28 Descrip: 24.08100
Cell Name: Inst MA1 Pole 28 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 30 Descrip: 24.08100

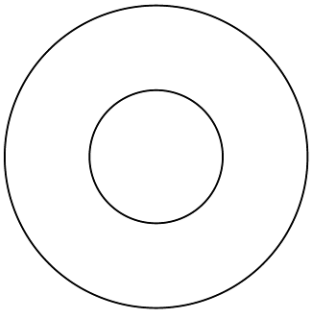
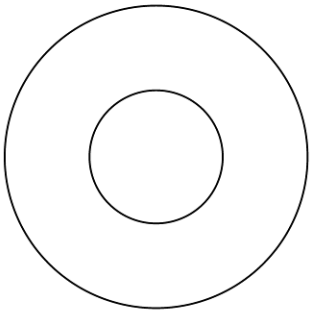
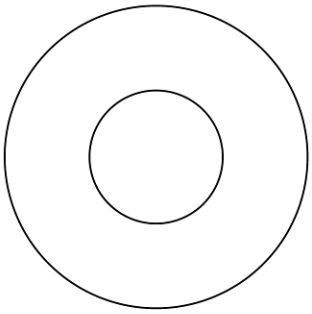
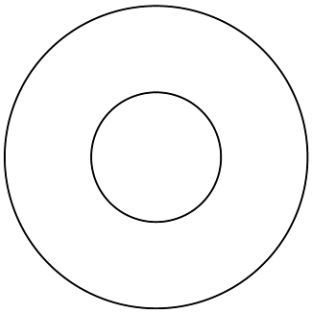
Inst MA1 Pole 30 less Mast Arm – Inst MA1 Pole 38

Cell Name: Inst MA1 Pole 30 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 32 Descrip: 24.08100
Cell Name: Inst MA1 Pole 32 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 34 Descrip: 24.08100
Cell Name: Inst MA1 Pole 34 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 36 Descrip: 24.08100
Cell Name: Inst MA1 Pole 36 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 38 Descrip: 24.08100

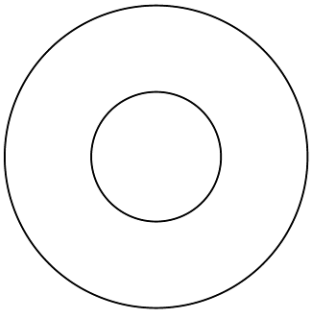
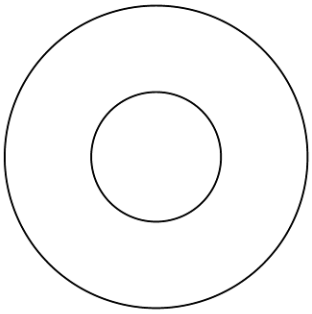
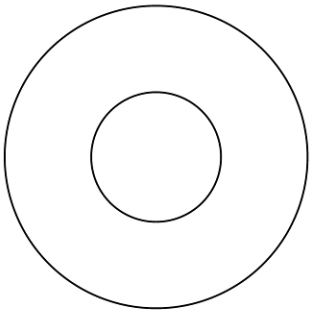
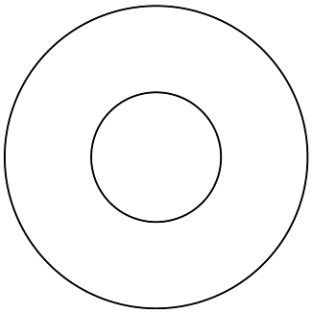
Inst MA1 Pole 38 less Mast Arm – Inst MA1 Pole 46

Cell Name: Inst MA1 Pole 38 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 40 Descrip: 24.08100
Cell Name: Inst MA1 Pole 40 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 42 Descrip: 24.08100
Cell Name: Inst MA1 Pole 42 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 44 Descrip: 24.08100
Cell Name: Inst MA1 Pole 44 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 46 Descrip: 24.08100

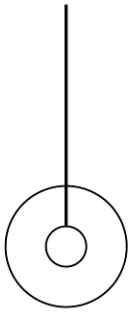
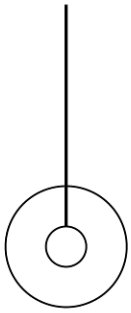
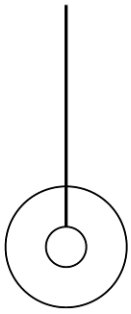
Inst MA1 Pole 46 less Mast Arm – Inst MA1 Pole 60

Cell Name: Inst MA1 Pole 46 less Mast Arm Descrip: 24.08110 	Cell Name: Inst MA1 Pole 48 Descrip: 24.08101
Cell Name: Inst MA1 Pole 48 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA1 Pole 50 Descrip: 24.08101
Cell Name: Inst MA1 Pole 50 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA1 Pole 55 Descrip: 24.08101
Cell Name: Inst MA1 Pole 55 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA1 Pole 60 Descrip: 24.08101

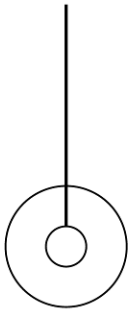
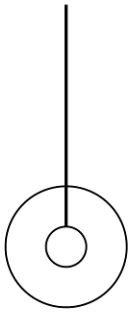
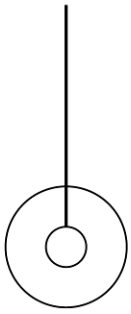
Inst MA1 Pole 60 less Mast Arm – Inst MA2 Pole 24 30 6

Cell Name: Inst MA1 Pole 60 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA1 Pole 65 Descrip: 24.08101
Cell Name: Inst MA1 Pole 65 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA1 Pole 70 Descrip: 24.08101
Cell Name: Inst MA1 Pole 70 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA1 Pole 75 Descrip: 24.08101
Cell Name: Inst MA1 Pole 75 less Mast Arm Descrip: 24.08111 	Cell Name: Inst MA2 Pole 24 30 6 Descrip: 24.08200

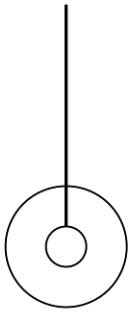
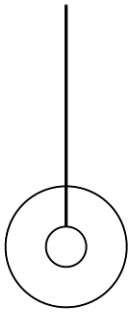
Inst MA2 Pole 24 30 6 less Mast Arm – Inst MA2 Pole 26 35 6

Cell Name: Inst MA2 Pole 24 30 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 24 35 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 24 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 24 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 24 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 26 30 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 26 30 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 26 35 6 Descrip: 24.08200

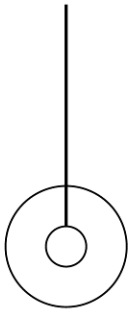
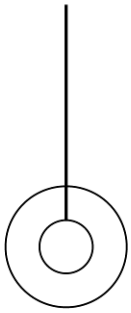
Inst MA2 Pole 26 35 6 less Mast Arm – Inst MA2 Pole 28 40 12

Cell Name: Inst MA2 Pole 26 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 26 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 26 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 28 30 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 28 30 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 28 35 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 28 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 28 40 12 Descrip: 24.08200

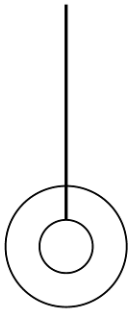
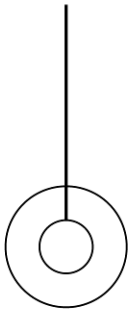
Inst MA2 Pole 28 40 12 less Mast Arm – Inst MA2 Pole 32 35 6

Cell Name: Inst MA2 Pole 28 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 30 30 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 30 30 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 30 35 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 30 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 30 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 30 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 32 35 6 Descrip: 24.08200

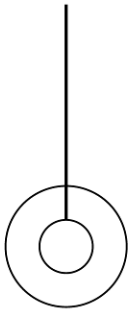
Inst MA2 Pole 32 35 6 less Mast Arm – Inst MA2 Pole 36 35 6

Cell Name: Inst MA2 Pole 32 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 32 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 32 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 34 35 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 34 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 34 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 34 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 36 35 6 Descrip: 24.08200

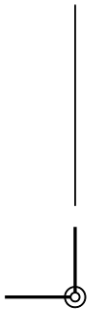
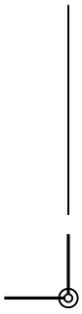
Inst MA2 Pole 36 35 6 less Mast Arm – Inst MA2 Pole 40 35 6

Cell Name: Inst MA2 Pole 36 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 36 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 36 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 38 35 6 Descrip: 24.08200
Cell Name: Inst MA2 Pole 38 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 38 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 38 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 40 35 6 Descrip: 24.08200

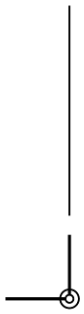
Inst MA2 Pole 40 35 6 less Mast Arm – Inst MA2 Pole 46 40 12

Cell Name: Inst MA2 Pole 40 35 6 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 40 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 40 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 42 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 42 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 44 40 12 Descrip: 24.08200
Cell Name: Inst MA2 Pole 44 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 46 40 12 Descrip: 24.08200

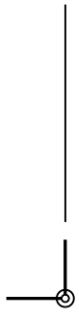
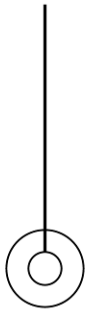
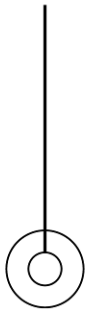
Inst MA2 Pole 46 40 12 less Mast Arm – Inst MA2 Pole 55 40 12 Twin Luminaire

Cell Name: Inst MA2 Pole 46 40 12 less Mast Arm Descrip: 24.08220 	Cell Name: Inst MA2 Pole 48 40 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 48 40 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 50 40 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 50 40 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 50 40 12 less Mast Arm Descrip: 24.08221
Cell Name: Inst MA2 Pole 55 40 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 55 40 12 Twin Luminaire Descrip: 24.08211 

Inst MA2 Pole 55 40 12 less Mast Arm – Inst MA2 Pole 60 45 12

Cell Name: Inst MA2 Pole 55 40 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 55 45 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 55 45 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 55 45 12 less Mast Arm Descrip: 24.08221
Cell Name: Inst MA2 Pole 60 40 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 60 40 12 Twin Luminaire Descrip: 24.08211
Cell Name: Inst MA2 Pole 60 40 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 60 45 12 Descrip: 24.08201

Inst MA2 Pole 60 45 12 Twin Luminaire – Inst MA2 Pole 65 40 12 less Mast Arm

Cell Name: Inst MA2 Pole 60 45 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 60 45 12 less Mast Arm Descrip: 24.08221 
Cell Name: Inst MA2 Pole 60 50 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 60 50 12 Twin Luminaire Descrip: 24.08211
Cell Name: Inst MA2 Pole 60 50 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 65 40 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 65 40 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 65 40 12 less Mast Arm Descrip: 24.08221 

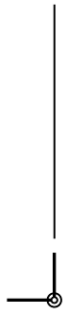
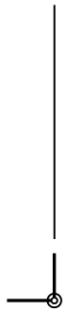
Inst MA2 Pole 65 45 12 – Inst MA2 Pole 70 40 12 Twin Luminaire

Cell Name: Inst MA2 Pole 65 45 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 65 45 12 Twin Luminaire Descrip: 24.08211
Cell Name: Inst MA2 Pole 65 45 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 65 50 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 65 50 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 65 50 12 less Mast Arm Descrip: 24.08221
Cell Name: Inst MA2 Pole 70 40 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 70 40 12 Twin Luminaire Descrip: 24.08211

Inst MA2 Pole 70 40 12 less Mast Arm – Inst MA2 Pole 75 40 12

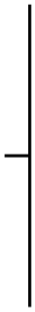
Cell Name: Inst MA2 Pole 70 40 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 70 45 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 70 45 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 70 45 12 less Mast Arm Descrip: 24.08221
Cell Name: Inst MA2 Pole 70 50 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 70 50 12 Twin Luminaire Descrip: 24.08211
Cell Name: Inst MA2 Pole 70 50 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 75 40 12 Descrip: 24.08201

Inst MA2 Pole 75 40 12 Twin Luminaire – Inst MA2 Pole 75 50 12 less Mast Arm

Cell Name: Inst MA2 Pole 75 40 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 75 40 12 less Mast Arm Descrip: 24.08221
Cell Name: Inst MA2 Pole 75 45 12 Descrip: 24.08201 	Cell Name: Inst MA2 Pole 75 45 12 Twin Luminaire Descrip: 24.08211
Cell Name: Inst MA2 Pole 75 45 12 less Mast Arm Descrip: 24.08221 	Cell Name: Inst MA2 Pole 75 50 12 Descrip: 24.08201
Cell Name: Inst MA2 Pole 75 50 12 Twin Luminaire Descrip: 24.08211 	Cell Name: Inst MA2 Pole 75 50 12 less Mast Arm Descrip: 24.08221

Inst Metro Street Name Sign – Inst Pedestal Pole 3

Cell Name: Inst Metro Street Name Sign
Descrip: 24.13060



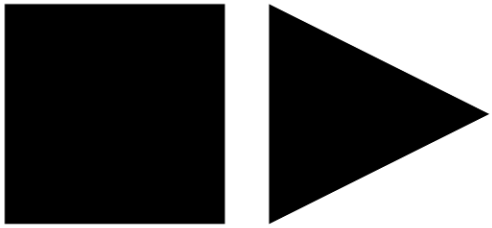
Cell Name: Inst PPB
Descrip: 24.10200

Cell Name: Inst PPB Audible
Descrip: 24.10200

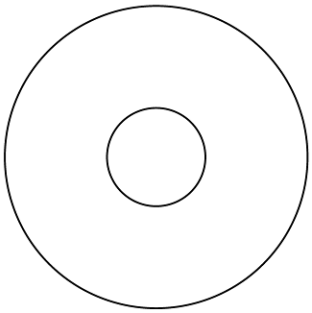
Cell Name: Inst PPB left
Descrip: 24.10200

Cell Name: Inst PPB left Audible
Descrip: 24.10200

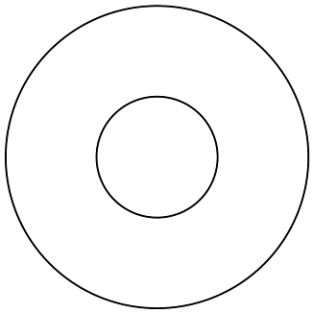
Cell Name: Inst PS1 T13C
Descrip: 24.13013



Cell Name: Inst Pedestal Pole 1
Descrip: 24.08701

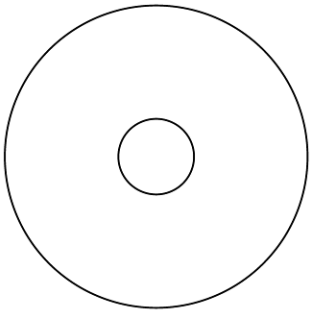


Cell Name: Inst Pedestal Pole 3
Descrip: 24.08703

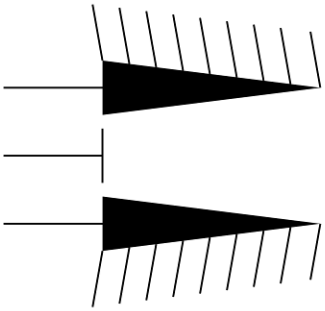


Inst Pedestal Pole PPB – Inst TS1 T36

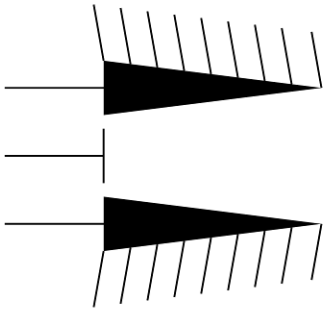
Cell Name: Inst Pedestal Pole PPB
Descrip: 24.08700



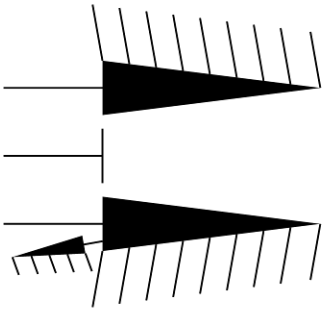
Cell Name: Inst Prepare to Stop on Mast Arm
Descrip: 24.13072



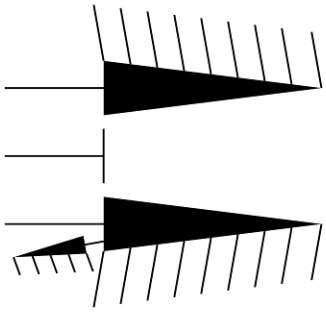
Cell Name: Inst Prepare to Stop on Shaft
Descrip: 24.13073



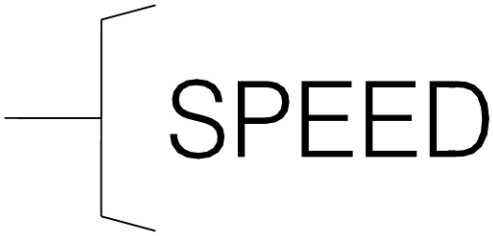
Cell Name: Inst Reduce Speed on Mast Arm
Descrip: 24.13070



Cell Name: Inst Reduce Speed on Shaft
Descrip: 24.13071



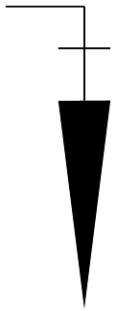
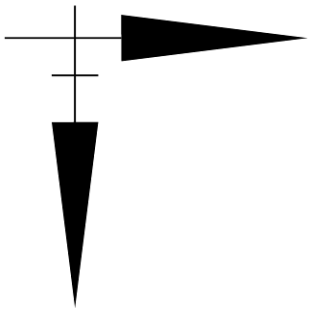
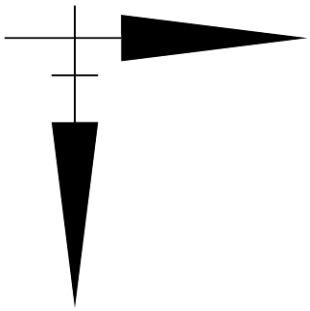
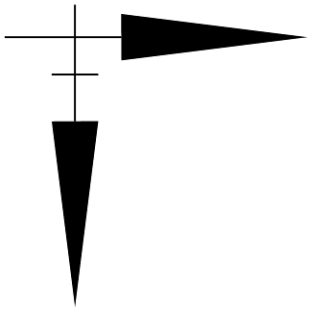
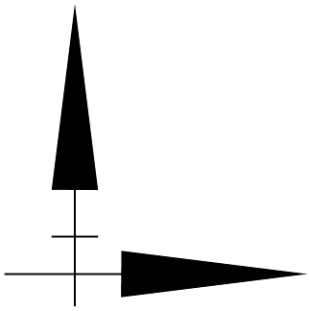
Cell Name: Inst Speed Indicator on Shaft
Descrip: 24.13074



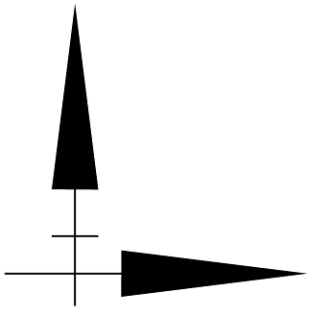
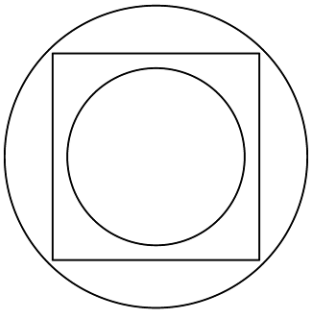
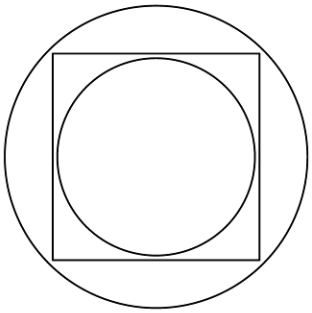
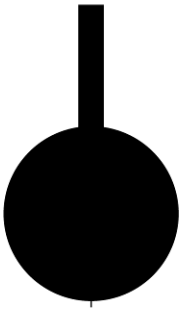
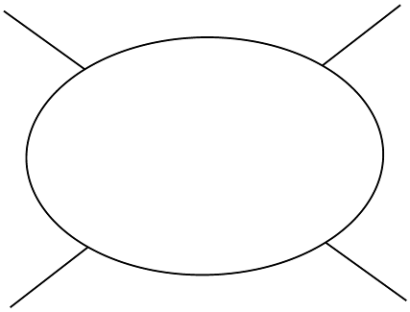
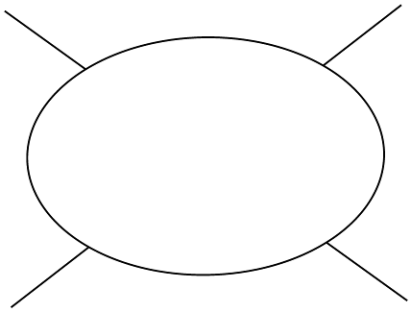
Cell Name: Inst TS1 T31
Descrip: 24.13031

Cell Name: Inst TS1 T36
Descrip: 24.13036

Inst TS1L T32 – Inst TS1RR T52

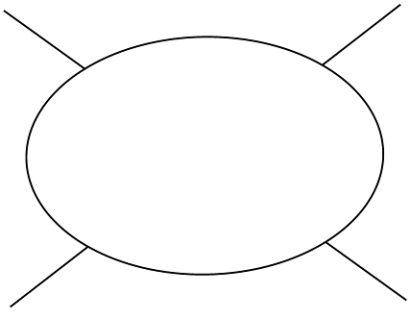
Cell Name: Inst TS1L T32 Descrip: 24.13032 	Cell Name: Inst TS1L T37 Descrip: 24.13037 
Cell Name: Inst TS1LB T47 Descrip: 24.13047 	Cell Name: Inst TS1LL T51 Descrip: 24.13050 
Cell Name: Inst TS1LL T51B Descrip: 24.13051 	Cell Name: Inst TS1R T33 Descrip: 24.13033
Cell Name: Inst TS1R T38 Descrip: 24.13038 	Cell Name: Inst TS1RR T52 Descrip: 24.13052 

Inst TS1RR T52B – Luminaire 150W HPSV SC

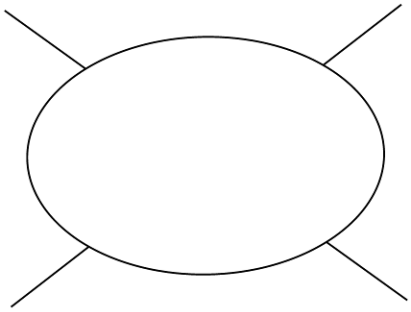
Cell Name: Inst TS1RR T52B Descrip: 24.13053 	Cell Name: Inst Traffic Monitoring Pole 60 Descrip: 24.08860 
Cell Name: Inst Traffic Monitoring Pole 70 Descrip: 24.08870 	Cell Name: Inst and Adj Detector Camera Descrip: 24.10300
Cell Name: Inst and Adj Emergency Detector Descrip: 24.10301 	Cell Name: Locate Stick Descrip: 24.04000
Cell Name: Luminaire 150W HPSV PC Descrip: 24.14015 	Cell Name: Luminaire 150W HPSV SC Descrip: 24.14115 

Luminaire 250W HPSV SC – Note for Detectors

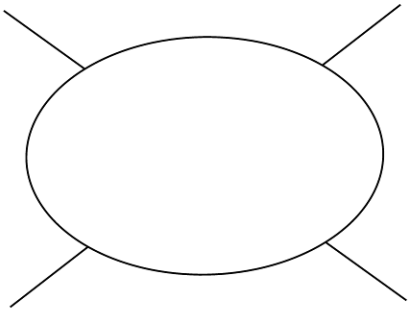
Cell Name: Luminaire 250W HPSV PC
Descrip: 24.14025



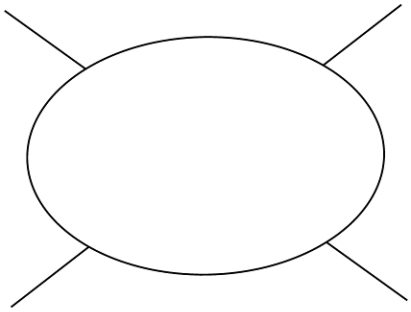
Cell Name: Luminaire 250W HPSV SC
Descrip: 24.14125



Cell Name: Luminaire 400W HPSV PC
Descrip: 24.14040



Cell Name: Luminaire 400W HPSV SC
Descrip: 24.14140



Cell Name: Note for Cable Designations
Descrip: Note

CABLE DESIGNATIONS

C is conductor (ie.. 3/C)
CC is Coaxial Cable
CCC is Camera Control Cable
CDC is Camera Detector Cable
CG is Circuit Ground
CPC is Camera Power Cable
DB is Direct Buried
DMSC is Dynamic Message Sign Cable
EDC is Emergency Detector Cable
EX is Existing
INS is Install
INT is Intraduct
LC is Lead-In Cable
MM is Multi Mode Fiber Cable
NO is Number
PR is Pair of Communication (ie.. 6 PR)
REL is Relocate
REM is Remove
SC is Service Cable
SL is Street Light
SOC is Conduit Sock
SM is Single Mode Fiber Cable
TW is Tracer Wire
Cable is new if no designation

CONDUIT DESIGNATION

B is Conduit Bored (ie..3" B)
T is Conduit Trenched (ie..3" T)

Cell Name: Note for Contacts
Descrip: Note

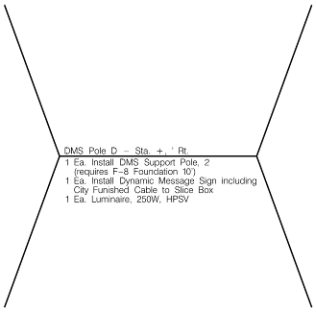
PROJECT CONTACT

ENGINEERING SERVICES:
TRAFFIC OPERATIONS
901 WEST BOND, SUITE 100
LINCOLN, NE 68521
ATTN: ERIN SOKOLIK...441-8321

ENGINEERING SERVICES:
TRAFFIC OPERATIONS
901 WEST BOND, SUITE 100
LINCOLN, NE 68521
ATTN SCOTT OPFER...441-7851

LINCOLN ELECTRIC SYSTEM
P.O. BOX 80869
LINCOLN, NE. 68501
ATTN: MELODY KNAPP...467-7636
TO ENERGIZE OR DE-ENERGIZE ELECTRICAL
MARK HEIMANN...467-7547 OR
MARTY WEBER...467-7557

Cell Name: Note for DMS
Descrip: Note



Cell Name: Note for Detectors
Descrip: Note

OFFICE NOTE:
Detection Spacing Per City SOP
11-87 Using 45 MPH Speed Limit

Note for LES Seal – Note for Remove TS

Cell Name: Note for LES Seal
Descrip: Note

Street Lighting was designed
by LES and is not covered
by Professional Engineers Seal

Cell Name: Note for Label Pull Box
Descrip: Note

Pull Box

Cell Name: Note for MA2 Pole
Descrip: Note

Pole – Sta. +, ' Rt.
1 Ea. Install Mast Arm Pole, MA2–??–
40–12T–5 (requires F–8 Foundation 15'
with top of foundation to match walk grade)
2 Ea. Install Pedestrian Push Button
1 Ea. Install and Adjust Detector Camera
1 Ea. Install and Adjust Emergency Detector
2 Ea. Install Pedestrian Signal, PS–1, T13C
1 Ea. Install Traffic Signal, TS–1, T31
1 Ea. Install Traffic Signal, TS–1L, T32
2 Ea. Install Traffic Signal, TS–1, T36
1 Ea. Install Traffic Signal, TS–1LL, T51B
1 Ea. Install Traffic Signal, TS–1RR, T52
1 Ea. Install Metro Street Name Sign
1 Ea. Install LED Sign
1 Ea. Luminaire, 250W, HPSV–PC
1 Ea. Install Traffic Monitoring Camera
1 Ea. Radio Antenna Hardware

Cell Name: Note for Magnetic
Descrip: Note

1 Ea. Magnetic Detector including
Pull Box , 9 DEEP
labeled TRAFFIC at Sta. +, ' Rt.
including Probe ??AB? provided by city
at Sta. +, ' Rt.
including '?' of 3" B or T
1 Ea. Ground Rod, 15'

Cell Name: Note for Pedestal Pole
Descrip: Note

Pedestal Pole – Sta. +, ' Rt.
1 Ea. Install Pedestal Pole, PPB
(requires F–4A Foundation with top
of foundation to match walk grade)
1 Ea. Install Pedestrian Push Button

Cell Name: Note for Pull Box
Descrip: Note

Pull Box – Sta. +, ' Rt.
1 Ea. Pull Box, FOR27 or T9 labeled
TRAFFIC FIBER ELECTRIC with 1 1/2" stub
0' of 1/2" T
1 Ea. Locate Stick
1 Ea. Ground Rod
6 Ea. Vehicle Detector, 3 turns UC
Sta. +, ' Rt. – ??A1
Sta. +, ' Rt. – ??A1
Sta. +, ' Rt. – ??A1
Sta. +, ' Rt. – ??A1
Sta. +, ' Rt. – ??A1
Sta. +, ' Rt. – ??A1
2 Ea. Vehicle Detector, 4 turns UC
Sta. +, ' Rt. – ??A1
Sta. +, ' Rt. – ??A1

Cell Name: Note for Quantities
Descrip: for Quantity Sheet

Cell Name: Note for Remove TS
Descrip: Note

1 Ea. Remove Traffic Signal, including

Poles A, B, C & D including foundations; Street Light Poles A, B, C & D including foundations; Pull Boxes A, B, C, D, E, F, G, H, J & K; Controller Cabinet including base; Pedestrian Push Buttons; Pedestrian Heads; Signal Heads; Emergency Detectors; Vehicle Detector Cameras; Down Guys; Antenias; cables not needed and all other appurtenances. Return all heads with LED lenses, Cabinet with all components, Magnetic Probes, Emergency Detectors, Vehicle Detector Cameras and Pull Box Lids that are in good shape to 901 N. 6th St. that are not to be relocated.

Note for SL – Power Pedestal

Cell Name: Note for SL
Descrip: Note

Street Light Pole ?? – Sta. +, ' Rt.
1 Ea. SL-A-C-40-121-5
(requires F-3540 Foundation with top
of foundation to match walk grade) IF PPB
1 Ea. Luminaire, 250W, HPSV-PC

Cell Name: Note for TSC
Descrip: Note

Traffic Signal Cabinet 1 – Sta. +, ' Rt.
1 Ea. Install Signal Cabinet, C including
B-4 Base with 6' Pad and a top Elevation
of ????.??. Fiber Terminations by others.

Cell Name: Note for Temporary Signal
Descrip: Note

1 Ea. Install and Remove Temporary Traffic Signal, including

Temporary Wood Pole 1 (45'/3) Sta. +, ' Rt.
Temporary Wood Pole 2 (45'/3) Sta. +, ' Rt.
Temporary Wood Pole 3 (45'/3) Sta. +, ' Rt.
Temporary Wood Pole 4 (45'/3) Sta. +, ' Rt.
Signal Heads, Controller Cabinet, Vehicle Detector Cameras, Emergency Vehicle Detectors, Radio Antennas and Pedestrian Push Buttons as needed provided by the city. Wood Poles, down guys, span wire, tie wire, cable and any other appurtenances needed to complete the installation by the contractor.

Cell Name: Note for Walk
Descrip: Note

0 LF Sawing, A Asphalt
0 LF Sawing, B Concrete
0 LF Sawing, C Sidewalk
0.0 CY Pavement & Sidewalk Removal
0 LF Combined Curb and Gutter
0 SF 4" Concrete Sidewalk
0 SF 6" Concrete Sidewalk
0 ? Ramp at Sta.
0 SF Build Detectable Warning
0 Panel at Sta.
0 SF Sodding, Complete

Cell Name: Note for Wiring Electric
Descrip: Note

' of (2) 4" T, () 2/C, () 3/C, () 7/C, () 16/C, () TW, () LC, () CDC,
() EDC, CC, CCC, CPC, DMSC, CG NO 8, (2) SC NO 6 & (2) SL NO 6;
' of 3/C & TW including 7' coil in Pull Box ?

Cell Name: Note for Wiring Fiber
Descrip: Note

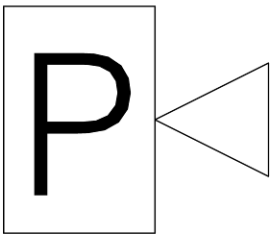
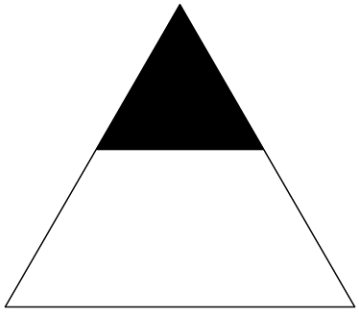
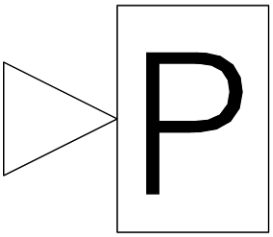
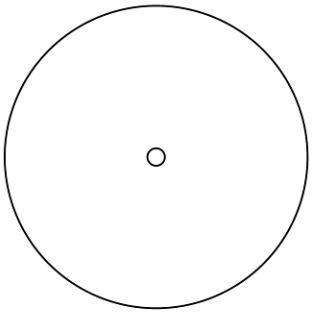
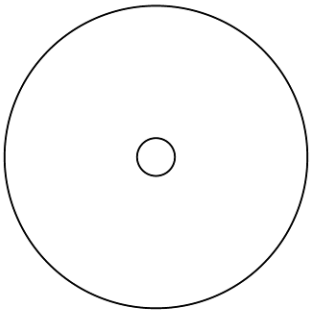
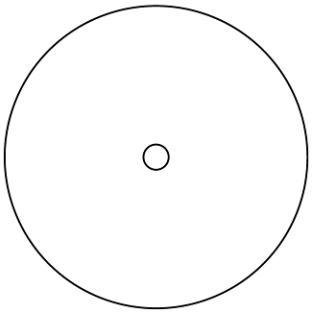
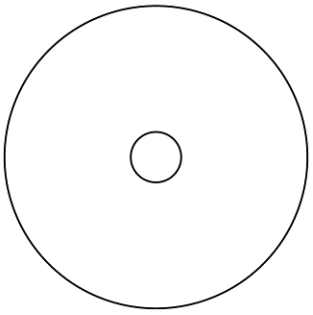
' of 4", SOC, TW, CCC & 12 SM
(Pull Box to)

Cell Name: Note for Wiring OLD
Descrip: Note

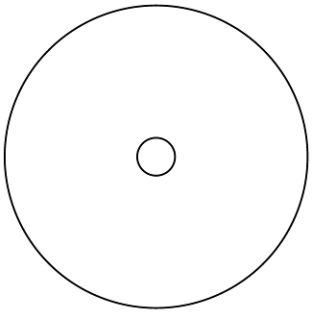
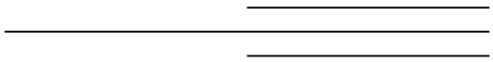
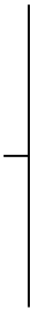
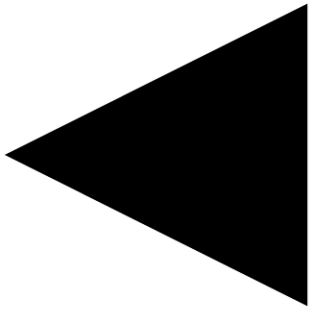
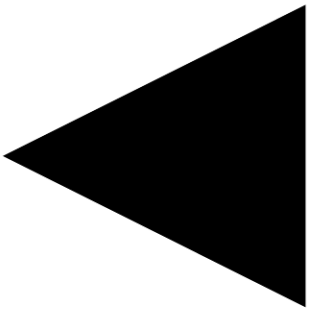
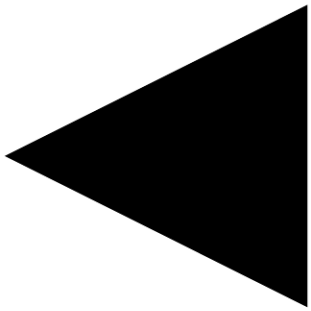
' of (2) 4" T, CC, SOC, CCC, () EDC, () CDC, CPC, DMSC, () 2/C, () 3/C, () 7/C,
() 16/C, 12 SM, () LC, () TW, (2) SC NO 6, CG NO 8 & (2) SL NO 6;
' of 3/C & TW including 7' coil in Pull Box ?

Cell Name: Power Pedestal
Descrip: NPI

Power Pole Left – Pull Box T6

Cell Name: Power Pole Left Descrip: NPI 	Cell Name: Power Transformer Descrip: NPI 
Cell Name: Power pole Descrip: NPI 	Cell Name: Probe Descrip: Probe for Magnetic Detector
Cell Name: Pull Box 3 Descrip: 24.05003 	Cell Name: Pull Box 9 (for Magnetic Detector) Descrip: NPI 
Cell Name: Pull Box FOR27 Descrip: 24.05027 	Cell Name: Pull Box T6 Descrip: 24.05006 

Pull Box T9 – SL Pole SL A C 35 6 3

Cell Name: Pull Box T9 Descrip: 24.05009 	Cell Name: Radio Antenna Hardware Descrip: 24.17000 
Cell Name: Rel Metro Street Name Sign Descrip: 24.01121 	Cell Name: Riser 15 Descrip: 24.06015 
Cell Name: Riser 2 Descrip: 24.06020 	Cell Name: Riser 4 Descrip: 24.06040 
Cell Name: SL Pole SL A C 30 6 3 Descrip: 24.08430 	Cell Name: SL Pole SL A C 35 6 3 Descrip: 24.08435

SL Pole SL A C 40 12T 5 – SL Pole SL A PI 50 12T 5

Cell Name: SL Pole SL A C 40 12T 5
Descrip: 24.08440

Cell Name: SL Pole SL A C 45 12T 5
Descrip: 24.08445

Cell Name: SL Pole SL A C 50 12T 5
Descrip: 24.08450

Cell Name: SL Pole SL A PI 30 6 3
Descrip: 24.08530

Cell Name: SL Pole SL A PI 35 6 3
Descrip: 24.08535

Cell Name: SL Pole SL A PI 40 12T 5
Descrip: 24.08540

Cell Name: SL Pole SL A PI 45 12T 5
Descrip: 24.08545

Cell Name: SL Pole SL A PI 50 12T 5
Descrip: 24.08550

SL Pole SL EM 30 6 3 – Traffic Monitoring Camera Hardware

Cell Name: SL Pole SL EM 30 6 3
Descrip: 24.08930

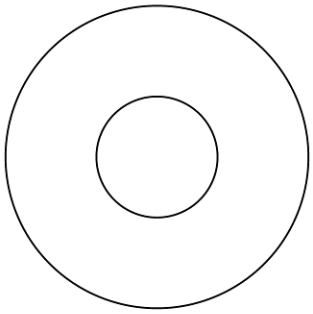
Cell Name: SL Pole SL EM 35 6 3
Descrip: 24.08935

Cell Name: SL Pole SL EM 40 12T 5
Descrip: 24.08940

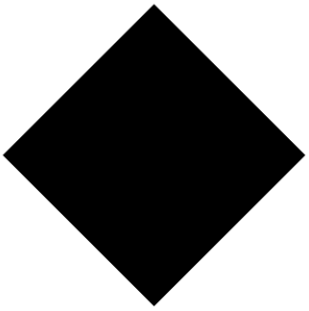
Cell Name: SL Pole SL EM 45 12T 5
Descrip: 24.08945

Cell Name: SL Pole SL EM 50 12T 5
Descrip: 24.08950

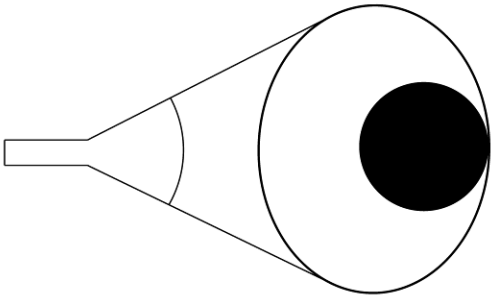
Cell Name: Span Wire Pole
Descrip: NPI



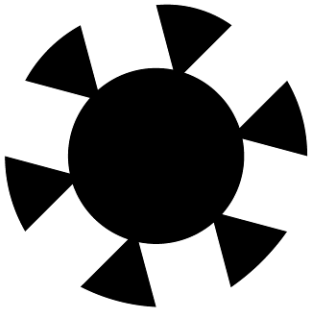
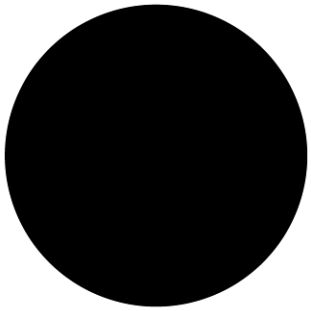
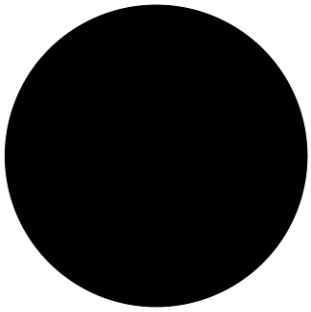
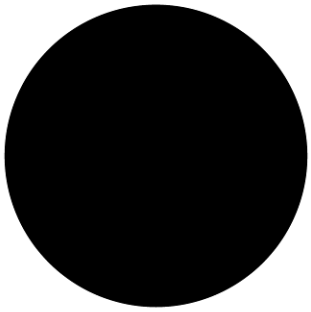
Cell Name: Splice Direct Buried
Descrip: NPI



Cell Name: Traffic Monitoring Camera Hardware
Descrip: 24.16000



Weather Probe by others – Wood Pole 40 3

Cell Name: Weather Probe by others Descrip: NPI 	Cell Name: Wood Pole 35 5 Descrip: 24.18355 
Cell Name: Wood Pole 40 2 Descrip: 24.18402 	Cell Name: Wood Pole 40 3 Descrip: 24.18403 

Water_V8i.cel

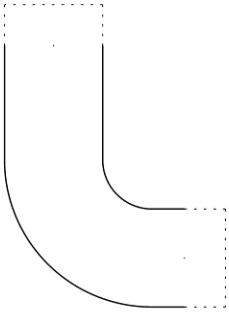
Anch Coup 6 (L12) - Bend 12x11-25 (Vert Top)

Cell Name: Anch Coup 6 (L12)
Descrip: 6" Anchoring Coupling (L=12)

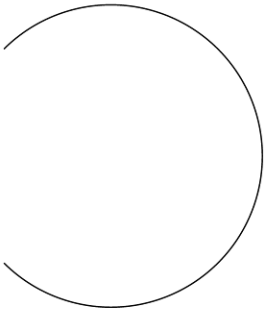
Cell Name: Anch Coup 6 (L18)
Descrip: 6" Anchoring Coupling (L=18)

Cell Name: Anch Coup 6 (L24)
Descrip: 6" Anchoring Coupling (L=24)

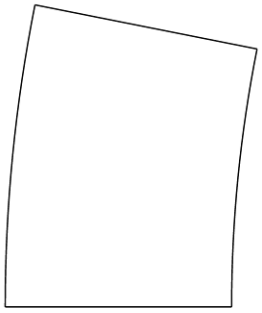
Cell Name: Anch Elb 6
Descrip: 6" Anchoring Elbow



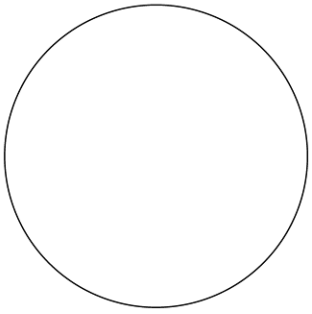
Cell Name: Bend (8x45 Vert Top)
Descrip: 8" x 45 Degree Bend (Vert Top)



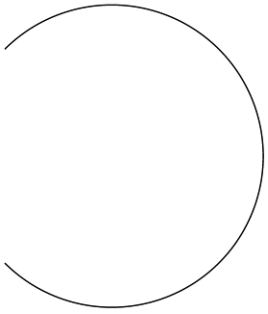
Cell Name: Bend 12x11-25
Descrip: 12" x 11.25 Degree Bend



Cell Name: Bend 12x11-25 (Vert Bottom)
Descrip: 12" x 11-25 Degree Bend (Vert Bottom)

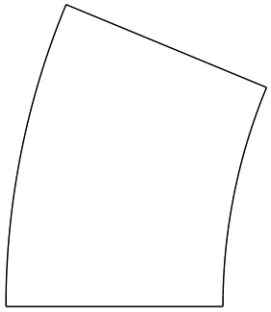


Cell Name: Bend 12x11-25 (Vert Top)
Descrip: 12" x 11-25 Degree Bend (Vert Top)

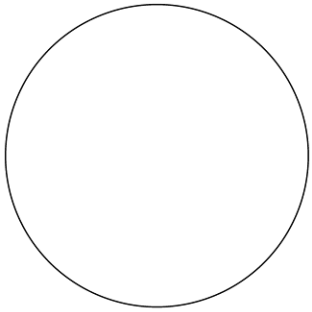


Bend 12x22-5 - Bend 16x11-25

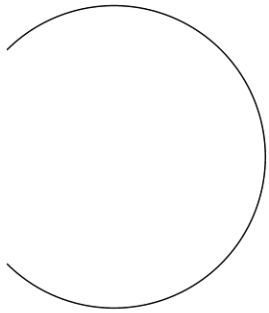
Cell Name: Bend 12x22–5
Descrip: 12" x 22.5 Degree Bend



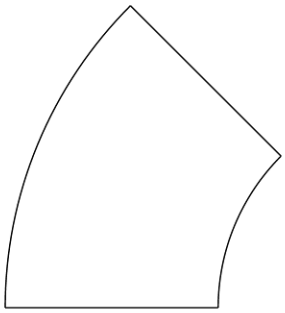
Cell Name: Bend 12x22–5 (Vert Bottom)
Descrip: 12" x 22–5 Degree Bend (Vert Bottom)



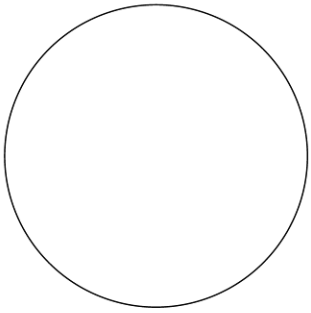
Cell Name: Bend 12x22–5 (Vert Top)
Descrip: 12" x 22–5 Degree Bend (Vert Top)



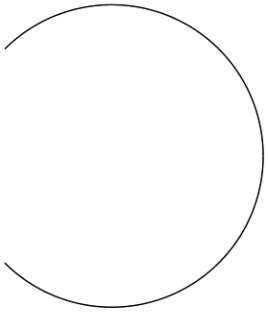
Cell Name: Bend 12x45
Descrip: 12" x 45 Degree Bend



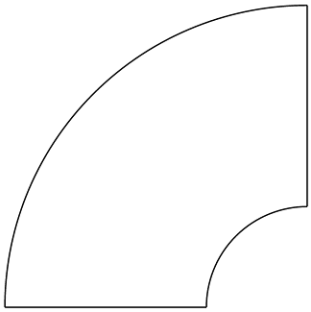
Cell Name: Bend 12x45 (Vert Bottom)
Descrip: 12" x 45 Degree Bend (Vert Bottom)



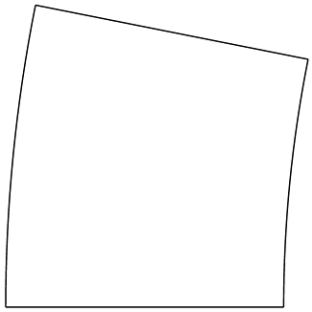
Cell Name: Bend 12x45 (Vert Top)
Descrip: 12" x 45 Degree Bend (Vert Top)



Cell Name: Bend 12x90
Descrip: 12" x 90 Degree Bend

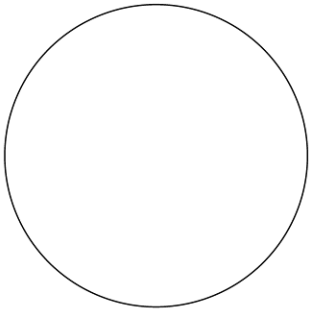


Cell Name: Bend 16x11–25
Descrip: 16" x 11.25 Degree Bend

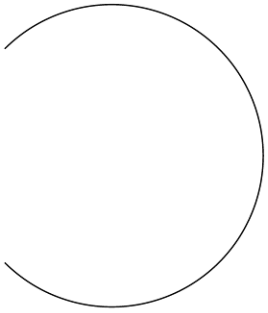


Bend 16x11-25 (Vert Bottom) - Bend 16x45 (Vert Top)

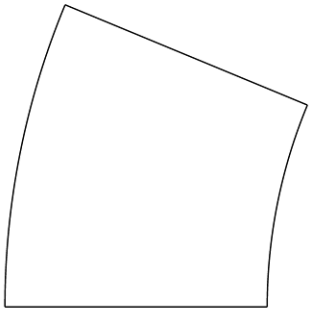
Cell Name: Bend 16x11–25 (Vert Bottom)
Descrip: 16" x 11–25 Degree Bend (Vert Bottom)



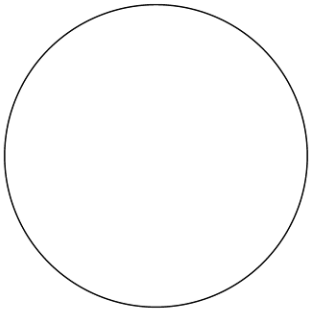
Cell Name: Bend 16x11–25 (Vert Top)
Descrip: 16" x 11–25 Degree Bend (Vert Top)



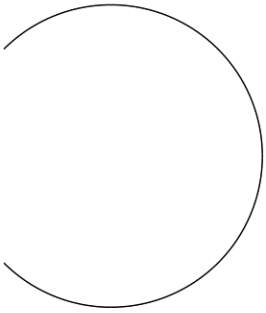
Cell Name: Bend 16x22–5
Descrip: 16" x 22.5 Degree Bend



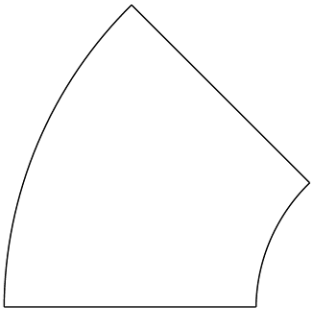
Cell Name: Bend 16x22–5 (Vert Bottom)
Descrip: 16" x 22–5 Degree Bend (Vert Bottom)



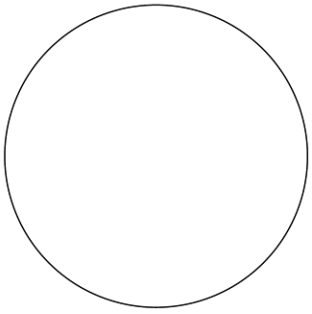
Cell Name: Bend 16x22–5 (Vert Top)
Descrip: 16" x 22–5 Degree Bend (Vert Top)



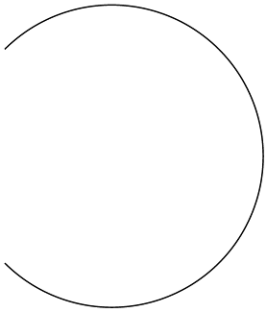
Cell Name: Bend 16x45
Descrip: 16" x 45 Degree Bend



Cell Name: Bend 16x45 (Vert Bottom)
Descrip: 16" x 45 Degree Bend (Vert Bottom)

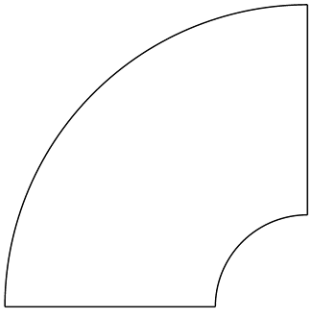


Cell Name: Bend 16x45 (Vert Top)
Descrip: 16" x 45 Degree Bend (Vert Top)

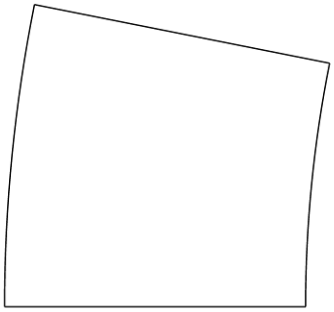


Bend 16x90 – Bend 24x45

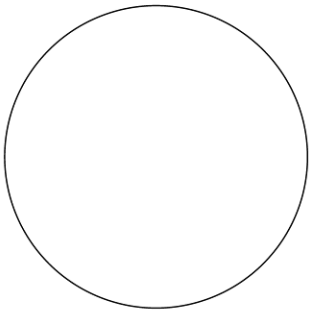
Cell Name: Bend 16x90
Descrip: 16" x 90 Degree Bend



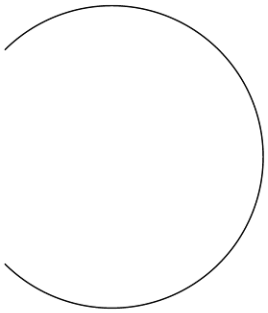
Cell Name: Bend 24x11–25
Descrip: 24" x 11.25 Degree Bend



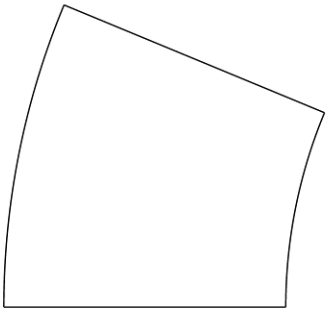
Cell Name: Bend 24x11–25 (Vert Bottom)
Descrip: 24" x 11–25 Degree Bend (Vert Bottom)



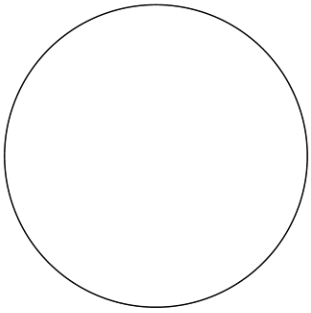
Cell Name: Bend 24x11–25 (Vert Top)
Descrip: 24" x 11–25 Degree Bend (Vert Top)



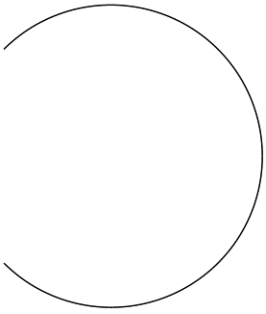
Cell Name: Bend 24x22–5
Descrip: 24" x 22.5 Degree Bend



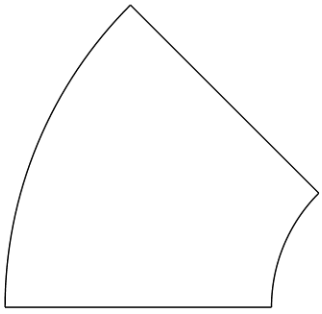
Cell Name: Bend 24x22–5 (Vert Bottom)
Descrip: 24" x 22–5 Degree Bend (Vert Bottom)



Cell Name: Bend 24x22–5 (Vert Top)
Descrip: 24" x 22–5 Degree Bend (Vert Top)

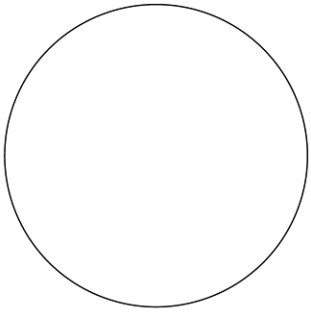


Cell Name: Bend 24x45
Descrip: 24" x 45 Degree Bend

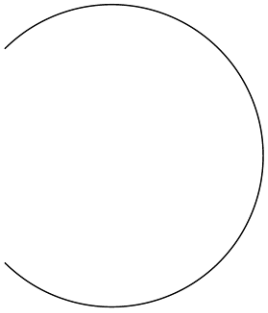


Bend 24x45 (Vert Bottom) – Bend 30x22-5 (Vert Bottom)

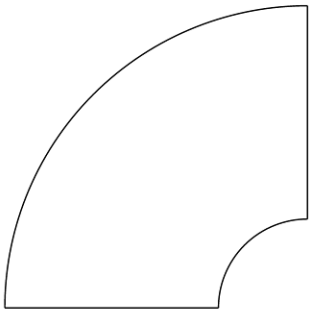
Cell Name: Bend 24x45 (Vert Bottom)
Descrip: 24" x 45 Degree Bend (Vert Bottom)



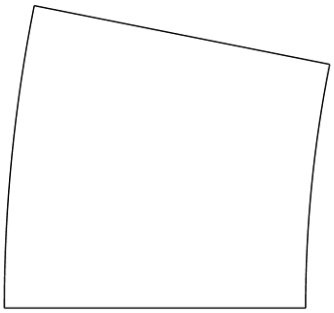
Cell Name: Bend 24x45 (Vert Top)
Descrip: 24" x 45 Degree Bend (Vert Top)



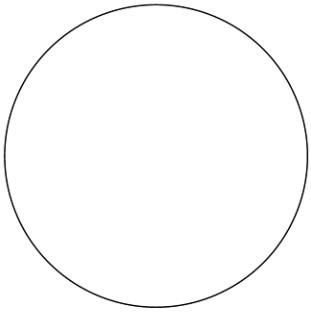
Cell Name: Bend 24x90
Descrip: 24" x 90 Degree Bend



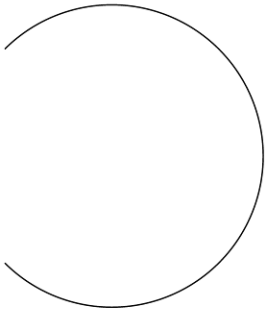
Cell Name: Bend 30x11–25
Descrip: 30" x 11.25 Degree Bend



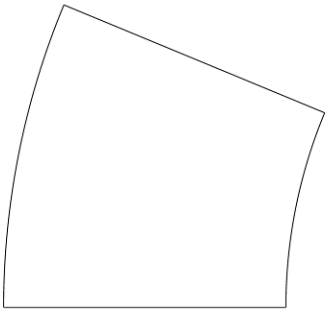
Cell Name: Bend 30x11–25 (Vert Bottom)
Descrip: 30" x 11–25 Degree Bend (Vert Bottom)



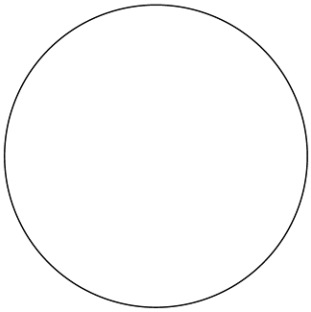
Cell Name: Bend 30x11–25 (Vert Top)
Descrip: 30" x 11–25 Degree Bend (Vert Top)



Cell Name: Bend 30x22–5
Descrip: 30" x 22.5 Degree Bend

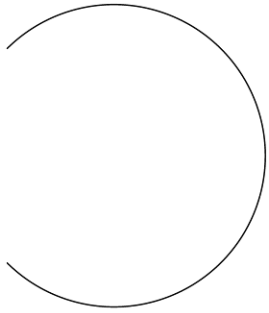


Cell Name: Bend 30x22–5 (Vert Bottom)
Descrip: 30" x 22–5 Degree Bend (Vert Bottom)

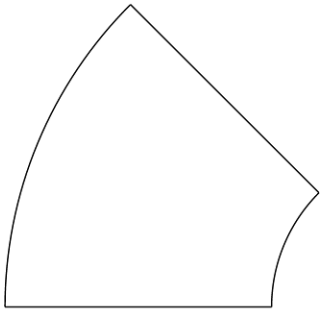


Bend 30x22-5 (Vert Top) - Bend 6x11-25 (Vert Bottom)

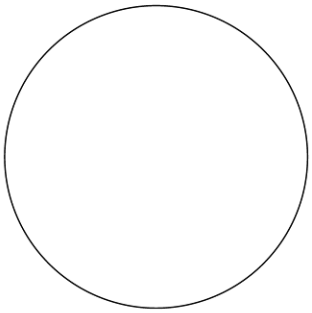
Cell Name: Bend 30x22–5 (Vert Top)
Descrip: 30" x 22–5 Degree Bend (Vert Top)



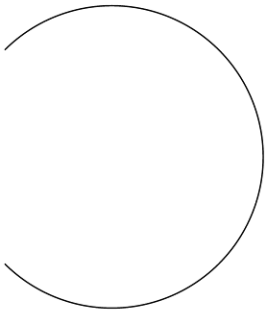
Cell Name: Bend 30x45
Descrip: 30" x 45 Degree Bend



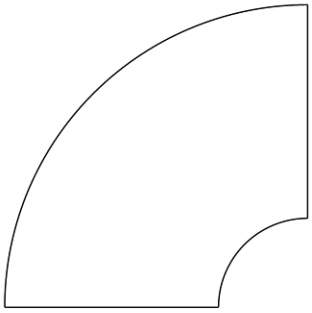
Cell Name: Bend 30x45 (Vert Bottom)
Descrip: 30" x 45 Degree Bend (Vert Bottom)



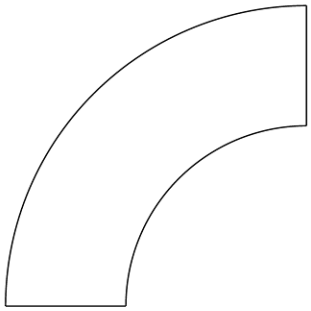
Cell Name: Bend 30x45 (Vert Top)
Descrip: 30" x 45 Degree Bend (Vert Top)



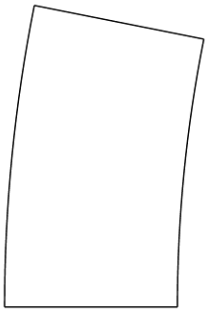
Cell Name: Bend 30x90
Descrip: 30" x 90 Degree Bend



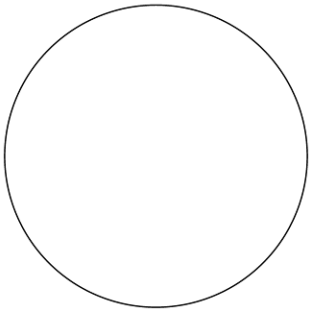
Cell Name: Bend 4x90
Descrip: 4" x 90 Degree Bend



Cell Name: Bend 6x11–25
Descrip: 6" x 11.25 Degree Bend

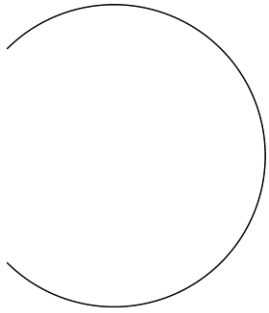


Cell Name: Bend 6x11–25 (Vert Bottom)
Descrip: 6" x 11–25 Degree Bend (Vert Bottom)

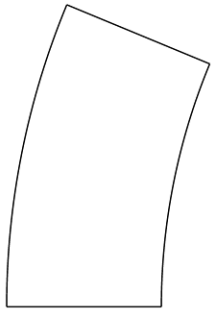


Bend 6x11-25 (Vert Top) - Bend 6x90

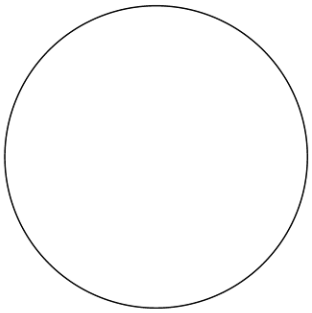
Cell Name: Bend 6x11–25 (Vert Top)
Descrip: 6" x 11–25 Degree Bend (Vert Top)



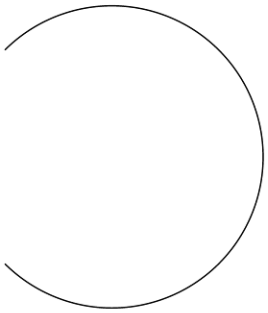
Cell Name: Bend 6x22–5
Descrip: 6" x 22.5 Degree Bend



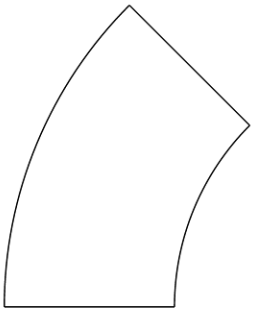
Cell Name: Bend 6x22–5 (Vert Bottom)
Descrip: 6" x 22–5 Degree Bend (Vert Bottom)



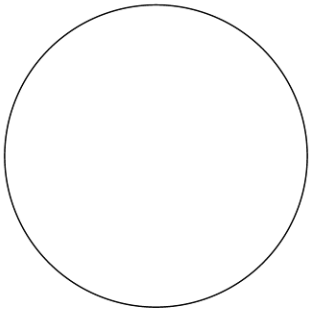
Cell Name: Bend 6x22–5 (Vert Top)
Descrip: 6" x 22–5 Degree Bend (Vert Top)



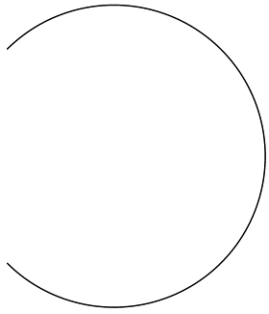
Cell Name: Bend 6x45
Descrip: 6" x 45 Degree Bend



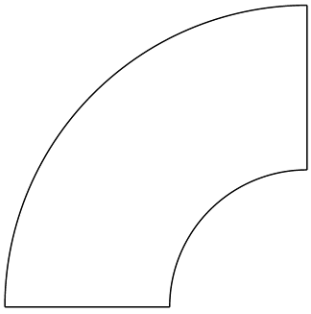
Cell Name: Bend 6x45 (Vert Bottom)
Descrip: 6" x 45 Degree Bend (Vert Bottom)



Cell Name: Bend 6x45 (Vert Top)
Descrip: 6" x 45 Degree Bend (Vert Top)

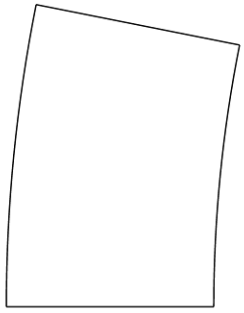


Cell Name: Bend 6x90
Descrip: 6" x 90 Degree Bend

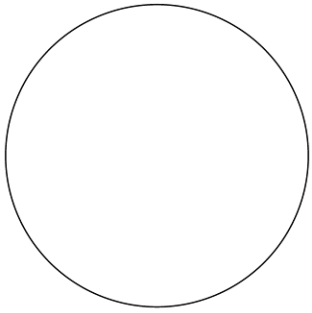


Bend 8x11-25 - Bend 8x45 (Vert Bottom)

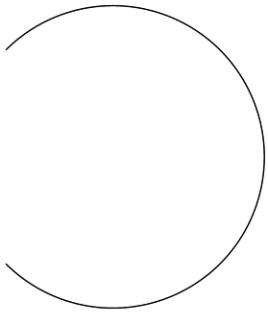
Cell Name: Bend 8x11–25
Descrip: 8" x 11.25 Degree Bend



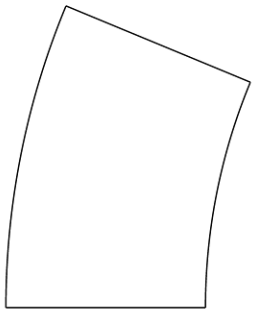
Cell Name: Bend 8x11–25 (Vert Bottom)
Descrip: 8" x 11–25 Degree Bend (Vert Bottom)



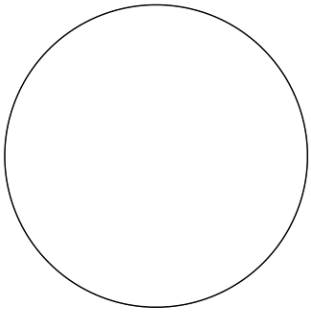
Cell Name: Bend 8x11–25 (Vert Top)
Descrip: 8" x 11–25 Degree Bend (Vert Top)



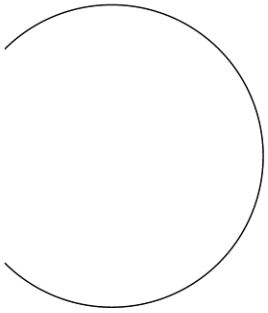
Cell Name: Bend 8x22–5
Descrip: 8" x 22.5 Degree Bend



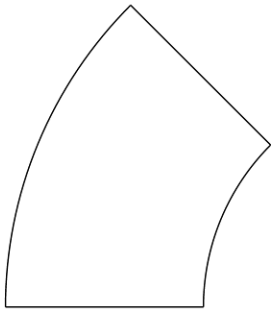
Cell Name: Bend 8x22–5 (Vert Bottom)
Descrip: 8" x 22–5 Degree Bend (Vert Bottom)



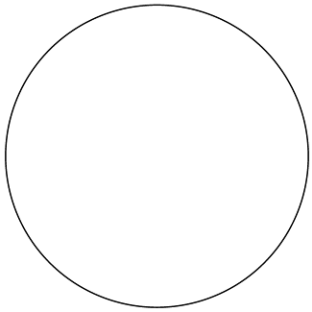
Cell Name: Bend 8x22–5 (Vert Top)
Descrip: 8" x 22–5 Degree Bend (Vert Top)



Cell Name: Bend 8x45
Descrip: 8" x 45 Degree Bend

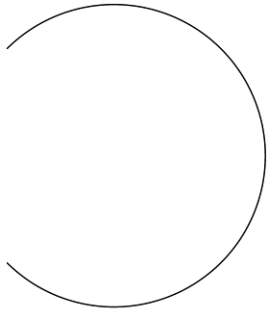


Cell Name: Bend 8x45 (Vert Bottom)
Descrip: 8" x 45 Degree Bend (Vert Bottom)

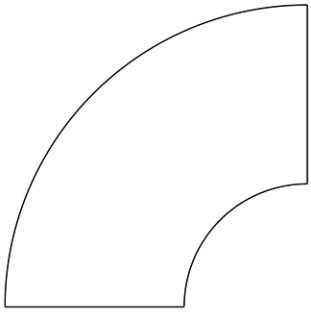


Bend 8x45 (Vert Top) – Cross 12x6

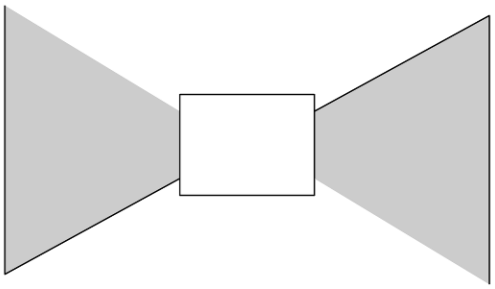
Cell Name: Bend 8x45 (Vert Top)
Descrip: 8" x 45 Degree Bend (Vert Top)



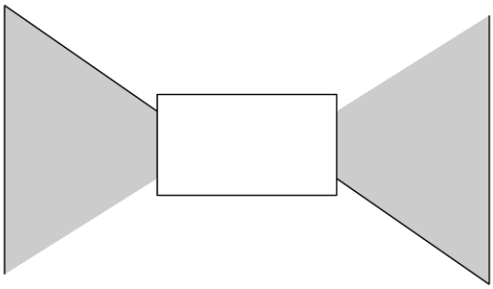
Cell Name: Bend 8x90
Descrip: 8" x 90 Degree Bend



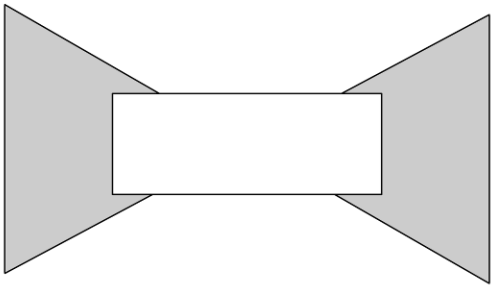
Cell Name: Butterfly Vlv 12
Descrip: 12" Butterfly Valve



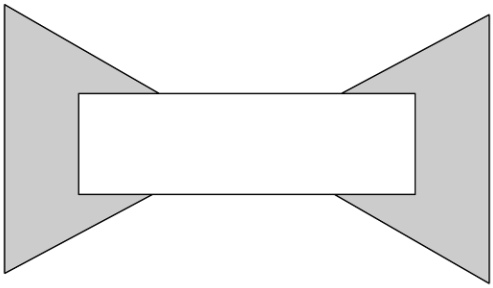
Cell Name: Butterfly Vlv 16
Descrip: 16" Butterfly Valve



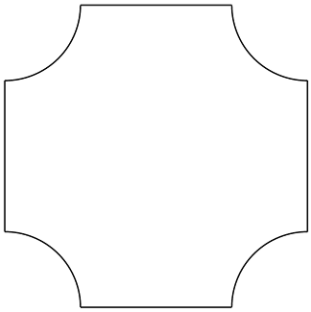
Cell Name: Butterfly Vlv 24
Descrip: 24" Butterfly Valve



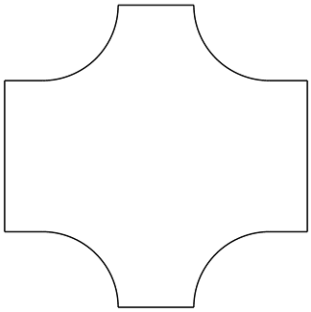
Cell Name: Butterfly Vlv 30
Descrip: 30" Butterfly Valve



Cell Name: Cross 12x12
Descrip: 12" x 12" Cross

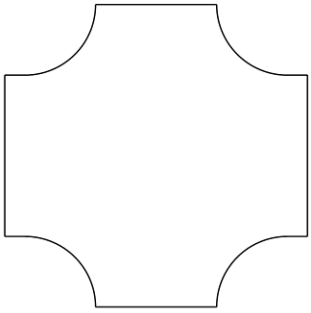


Cell Name: Cross 12x6
Descrip: 12" x 6" Cross

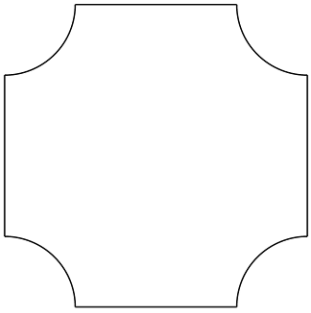


Cross 16x12 – Cross 24x8

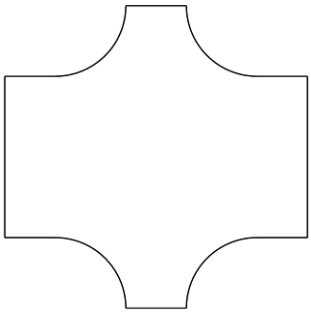
Cell Name: Cross 16x12
Descrip: 16" x 12" Cross



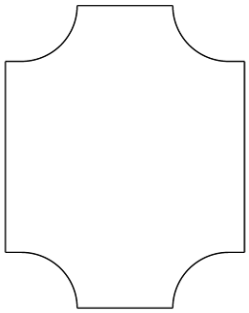
Cell Name: Cross 16x16
Descrip: 16" x 16" Cross



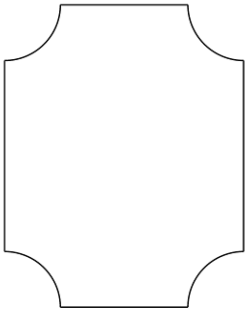
Cell Name: Cross 16x6
Descrip: 16" x 6" Cross



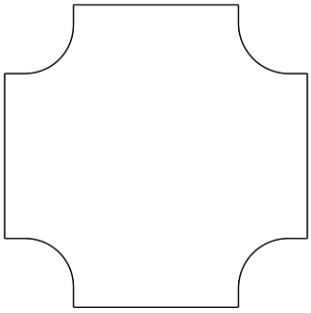
Cell Name: Cross 24x12
Descrip: 24" x 12" Cross



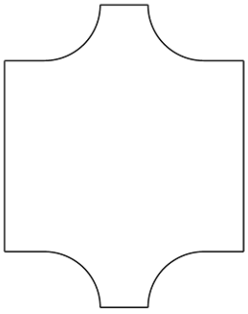
Cell Name: Cross 24x16
Descrip: 24" x 16" Cross



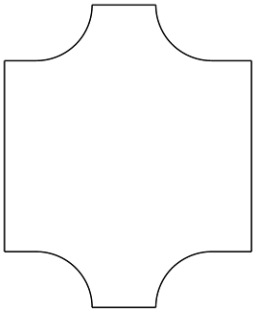
Cell Name: Cross 24x24
Descrip: 24" x 24" Cross



Cell Name: Cross 24x6
Descrip: 24" x 6" Cross

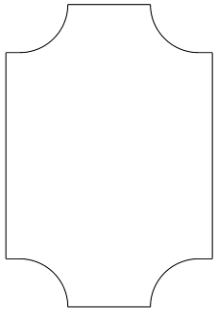


Cell Name: Cross 24x8
Descrip: 24" x 8" Cross

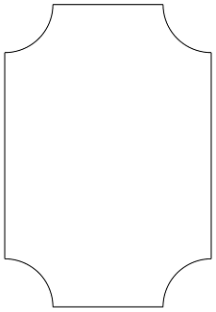


Cross 30x12 – Cross 8x8

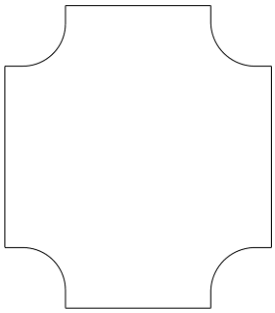
Cell Name: Cross 30x12
Descrip: 30 x 12" Cross



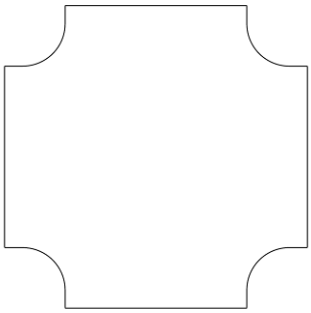
Cell Name: Cross 30x16
Descrip: 30" x 16" Cross



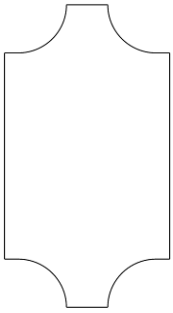
Cell Name: Cross 30x24
Descrip: 30" x 24" Cross



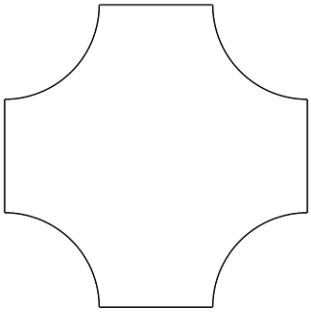
Cell Name: Cross 30x30
Descrip: 30" x 30" Cross



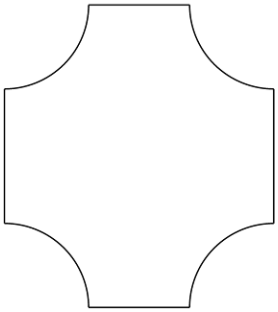
Cell Name: Cross 30x6
Descrip: 30 x 6" Cross



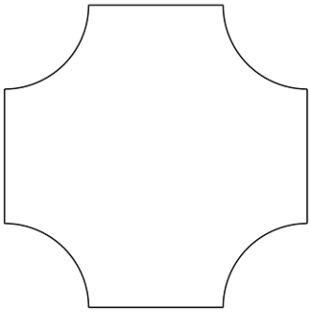
Cell Name: Cross 6x6
Descrip: 6" x 6" Cross



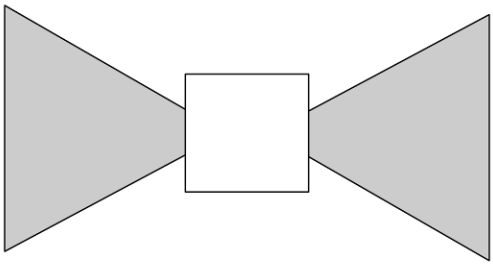
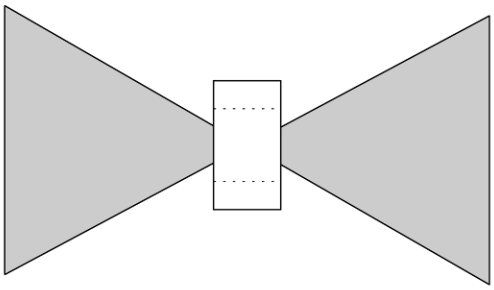
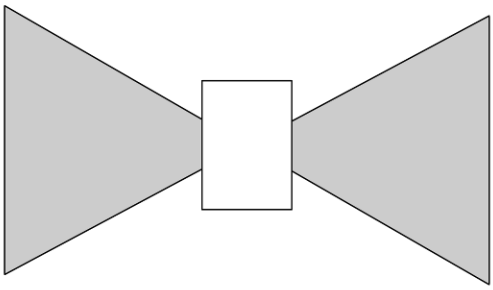
Cell Name: Cross 8x6
Descrip: 8" x 6" Cross



Cell Name: Cross 8x8
Descrip: 8" x 8" Cross

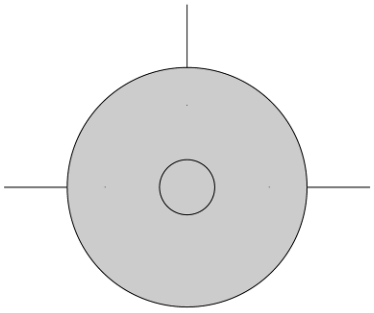


Dual Purp Slv 12 (L12) – Gate Vlv 8

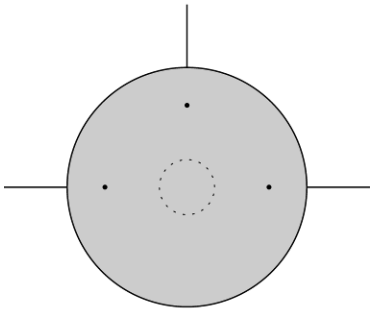
Cell Name: Dual Purp Slv 12 (L12) Descrip: 12" Dual Purpose Sleeve (L=12")	Cell Name: Dual Purp Slv 16 (L15) Descrip: 16" Dual Purpose Sleeve (L=15")
Cell Name: Dual Purp Slv 4 (L12) Descrip: 4" Dual Purpose Sleeve (L=12")	Cell Name: Dual Purp Slv 6 (L12) Descrip: 6" Dual Purp Slv (L=12")
Cell Name: Dual Purp Slv 8 (L12) Descrip: 8" Dual Purpose Sleeve (L=12	Cell Name: Gate Vlv 12 Descrip: 12" Gate Valve 
Cell Name: Gate Vlv 6 Descrip: 6" Gate Valve 	Cell Name: Gate Vlv 8 Descrip: 8" Gate Valve 

Hyd L5–5 – Hyd Typ 6

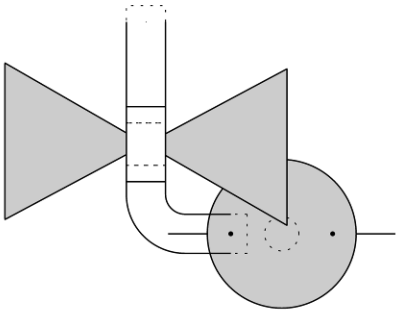
Cell Name: Hyd L5–5
Descrip: Hydrant 5.5'



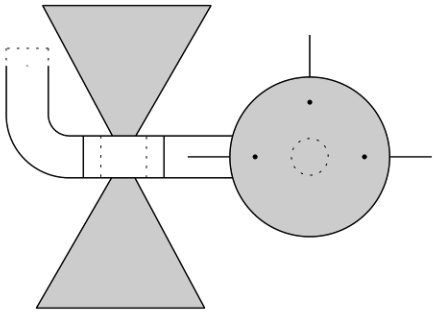
Cell Name: Hyd L6–5
Descrip: Hydrant 6.5'



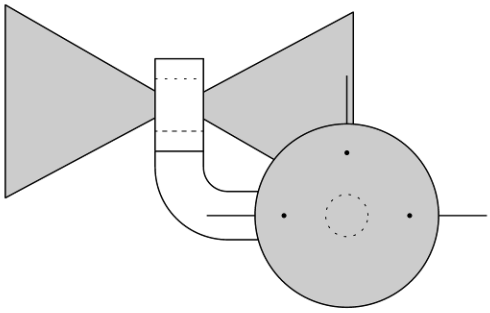
Cell Name: Hyd Typ 1
Descrip: Hydrant Type 1



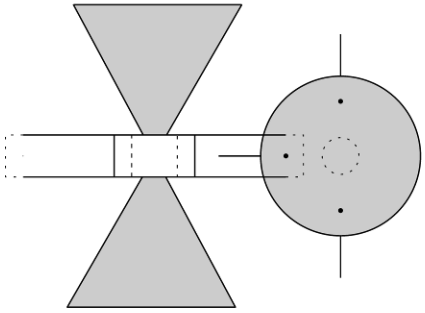
Cell Name: Hyd Typ 2
Descrip: Hydrant Type 2



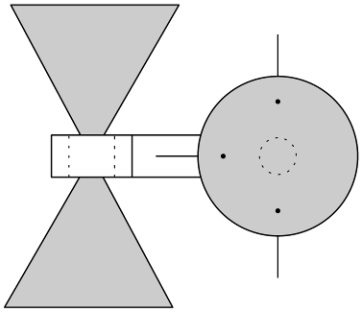
Cell Name: Hyd Typ 3
Descrip: Hydrant Type 3



Cell Name: Hyd Typ 4
Descrip: Hydrant Type 4



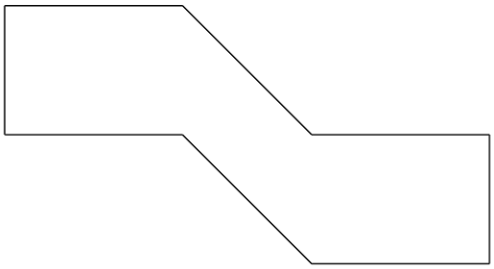
Cell Name: Hyd Typ 5
Descrip: Hydrant Type 5



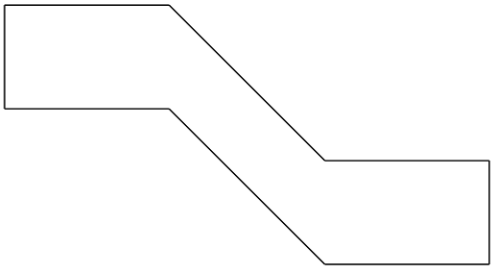
Cell Name: Hyd Typ 6
Descrip: Hydrant Type 6

Offset Drop 12-12 - Offset Drop 8-12

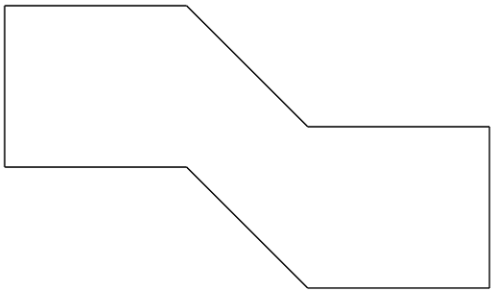
Cell Name: Offset Drop 12–12
Descrip: 12" Offset 12" Drop



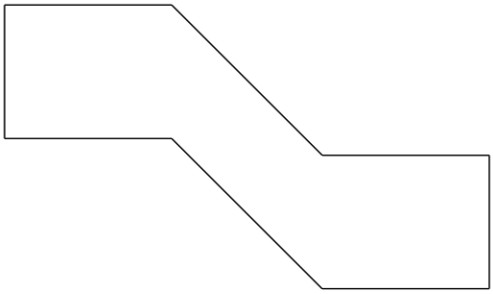
Cell Name: Offset Drop 12–18
Descrip: 12" Offset 18" Drop



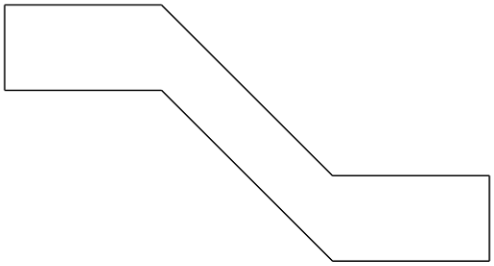
Cell Name: Offset Drop 16–12
Descrip: 16" Offset 12" Drop



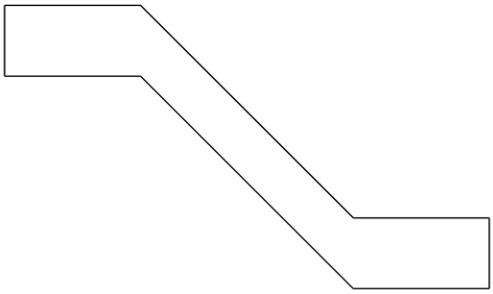
Cell Name: Offset Drop 16–18
Descrip: 16" Offset 18" Drop



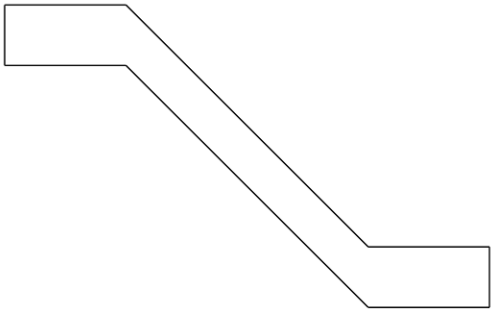
Cell Name: Offset Drop 6–12
Descrip: 6" Offset 12" Drop



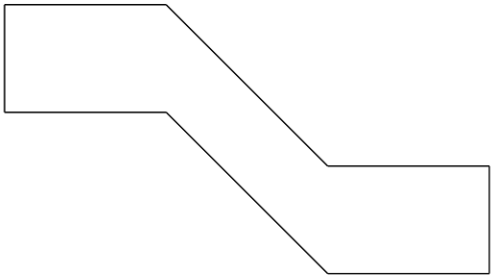
Cell Name: Offset Drop 6–18
Descrip: 6" Offset 18" Drop



Cell Name: Offset Drop 6–24
Descrip: 6" Offset 24" Drop

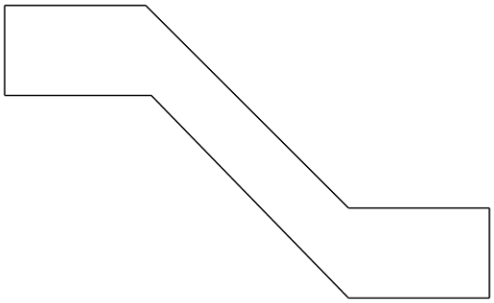


Cell Name: Offset Drop 8–12
Descrip: 8" Offset 12" Drop

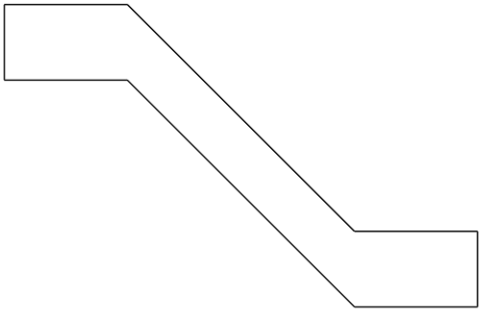


Offset Drop 8-18 - Offset Drop Vert Plan 6-18

Cell Name: Offset Drop 8–18
Descrip: 8" Offset 18" Drop



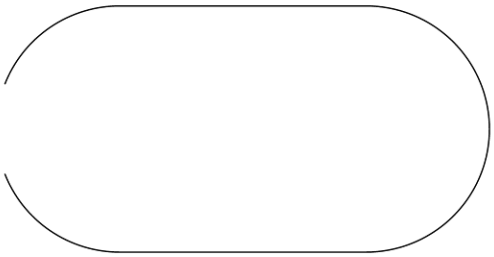
Cell Name: Offset Drop 8–24
Descrip: 8" Offset 24" Drop



Cell Name: Offset Drop Vert Plan 12–12
Descrip: 12" Offset 12" Drop Vert Plan

Cell Name: Offset Drop Vert Plan 12–18
Descrip: 12" Offset 18" Drop Vert Plan

Cell Name: Offset Drop Vert Plan 16–12
Descrip: 16" Offset 12" Drop Vert Plan



Cell Name: Offset Drop Vert Plan 16–18
Descrip: 16" Offset 18" Drop Vert Plan

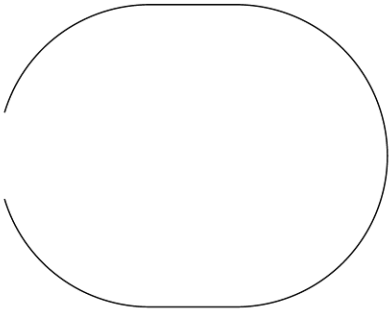
Cell Name: Offset Drop Vert Plan 6–12
Descrip: 6" Offset 12" Drop Vert Plan

Cell Name: Offset Drop Vert Plan 6–18
Descrip: 6" Offset 18" Drop Vert Plan

Offset Drop Vert Plan 6-24 - Plug 30

Cell Name: Offset Drop Vert Plan 6–24
Descrip: 6" Offset 24" Drop Vert Plan

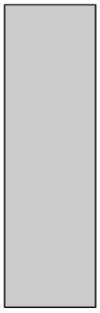
Cell Name: Offset Drop Vert Plan 8–12
Descrip: 8" Offset 12" Drop Vert Plan



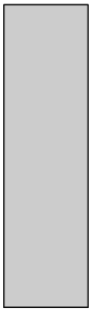
Cell Name: Offset Drop Vert Plan 8–18
Descrip: 8" Offset 18" Drop Vert Plan

Cell Name: Offset Drop Vert Plan 8–24
Descrip: 8" Offset 24" Drop Vert Plan

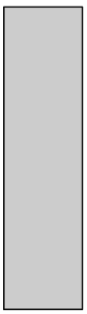
Cell Name: Plug 12
Descrip: 12" Plug



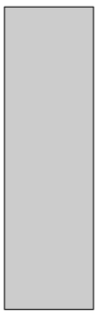
Cell Name: Plug 16
Descrip: 16" Plug



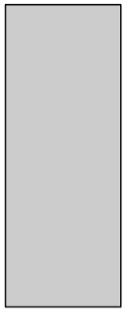
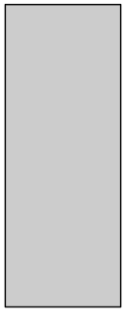
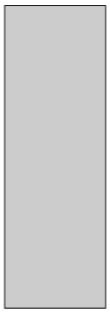
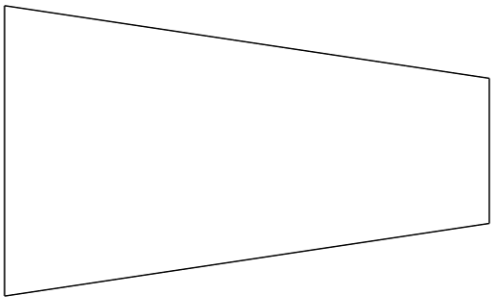
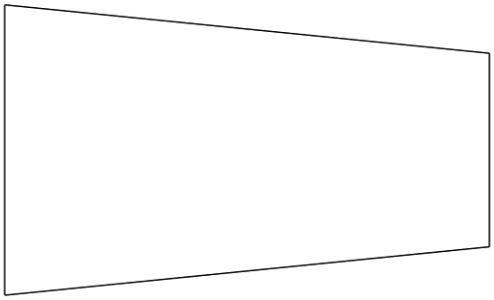
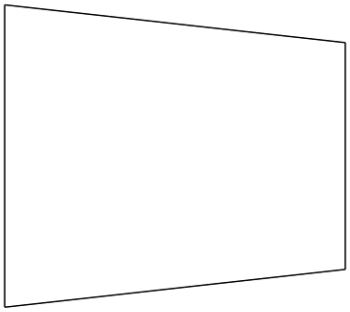
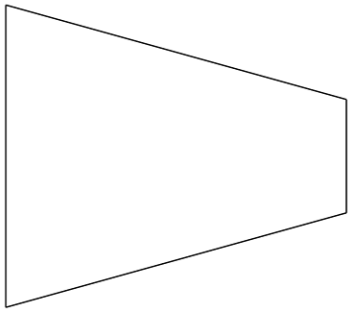
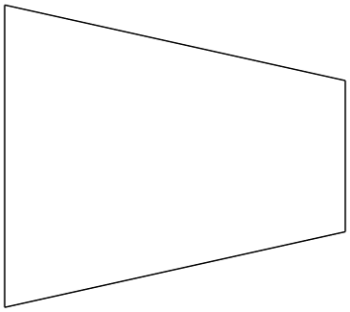
Cell Name: Plug 24
Descrip: 24" Plug



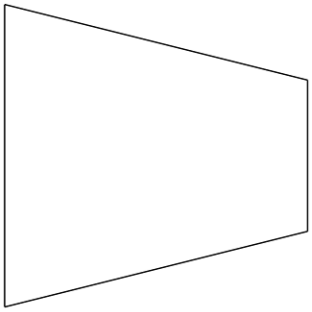
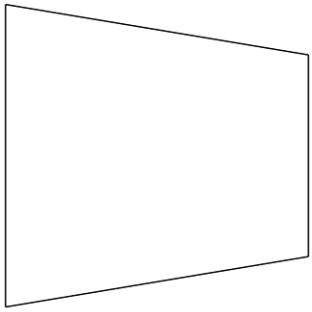
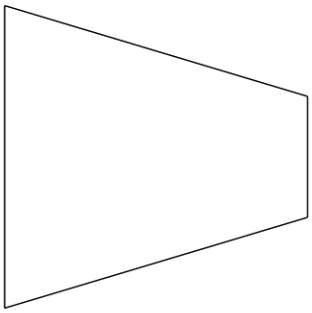
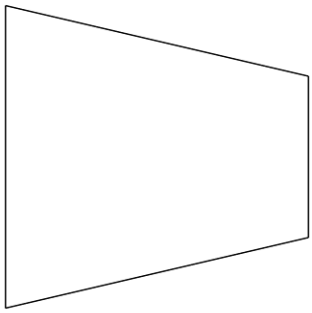
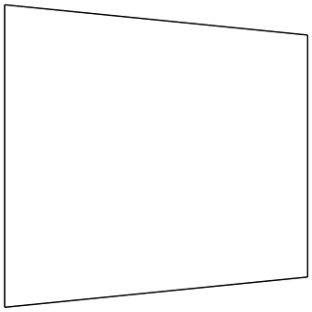
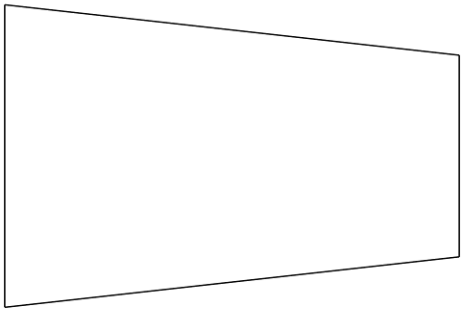
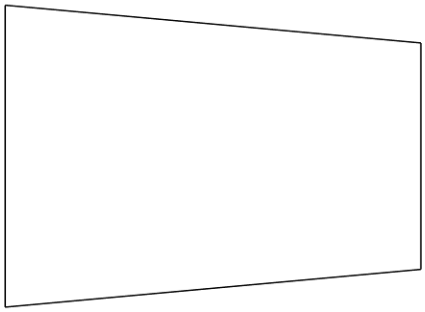
Cell Name: Plug 30
Descrip: 30" Plug



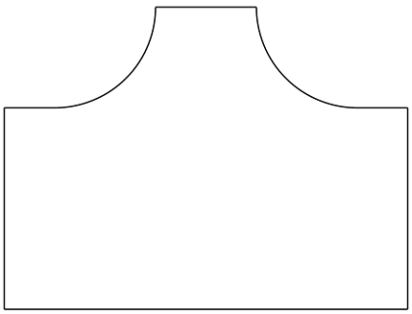
Plug 4 – Reducer 16x8

Cell Name: Plug 4 Descrip: 4" Plug 	Cell Name: Plug 6 Descrip: 6" Plug 
Cell Name: Plug 8 Descrip: 8" Plug 	Cell Name: Reducer 12x6 Descrip: 12" x 6" Reducer 
Cell Name: Reducer 12x8 Descrip: 12" x 8" Reducer 	Cell Name: Reducer 16x12 Descrip: 16" x 12" Reducer 
Cell Name: Reducer 16x6 Descrip: 16" x 6" Reducer 	Cell Name: Reducer 16x8 Descrip: 16" x 8" Reducer 

Reducer 24x12 – Solid Slv 12 (L12)

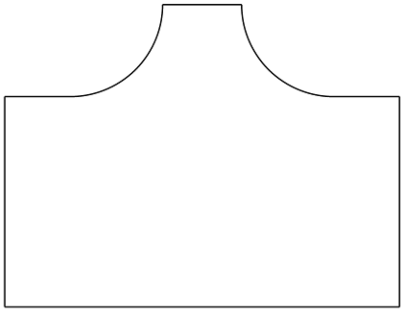
Cell Name: Reducer 24x12 Descrip: 24" x 12" Reducer 	Cell Name: Reducer 24x16 Descrip: 24" x 16" Reducer 
Cell Name: Reducer 30x12 Descrip: 30" x 12" Reducer 	Cell Name: Reducer 30x16 Descrip: 30" x 16" Reducer 
Cell Name: Reducer 30x24 Descrip: 30" x 24" Reducer 	Cell Name: Reducer 6x4 Descrip: 6" x 4" Reducer 
Cell Name: Reducer 8x6 Descrip: 8" x 6" Reducer 	Cell Name: Solid Slv 12 (L12) Descrip: 12" Solid Sleeve (L=12)

Solid Slv 16 (L15) – Swivel Tee 12x6

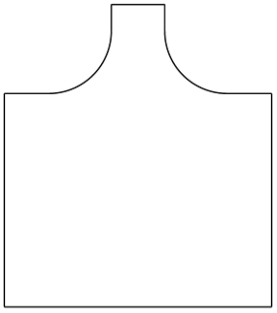
Cell Name: Solid Slv 16 (L15) Descrip: 16" Solid Sleeve (L=15")	Cell Name: Solid Slv 24 (L15) Descrip: 24" Solid Sleeve (L=15")
Cell Name: Solid Slv 30 (L15) Descrip: 30" Solid Sleeve (L=15")	Cell Name: Solid Slv 6 (L12) Descrip: 6" Solid Sleeve (L=12")
Cell Name: Solid Slv 6 (L18) Descrip: 6" Solid Slv (L=18")	Cell Name: Solid Slv 8 (L12) Descrip: 8" Solid Sleeve (L=12")
Cell Name: Solid Slv 8 (L18) Descrip: 8" Solid Sleeve (L=18)	Cell Name: Swivel Tee 12x6 Descrip: 12" x 6" Swivel Tee 

Swivel Tee 16x6 – Tap Slv Vlv 12x6

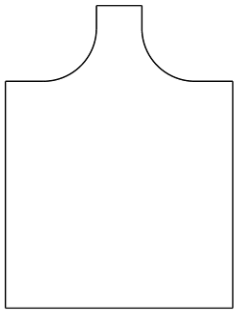
Cell Name: Swivel Tee 16x6
Descrip: 16" x 6" Swivel Tee



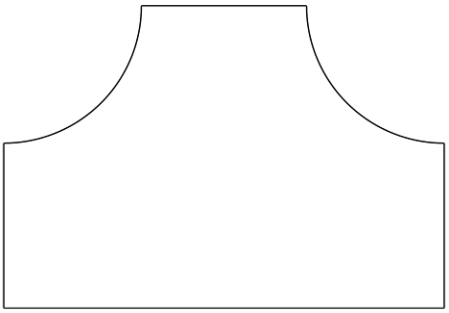
Cell Name: Swivel Tee 24x6
Descrip: 24" x 6" Swivel Tee



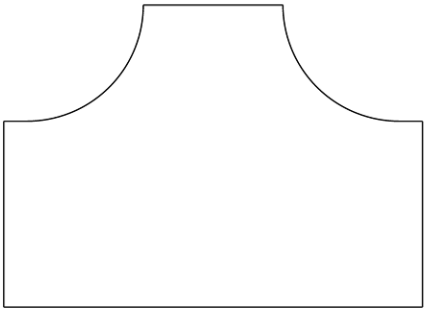
Cell Name: Swivel Tee 30x6
Descrip: 30 x 6" Swivel Tee



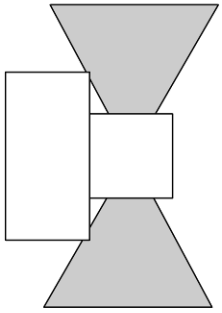
Cell Name: Swivel Tee 6x6
Descrip: 6" x 6" Swivel Tee



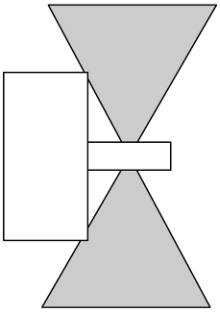
Cell Name: Swivel Tee 8x6
Descrip: 8" x 6" Swivel Tee



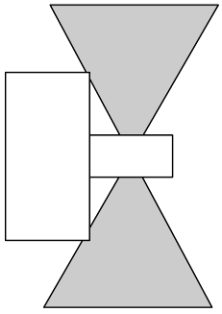
Cell Name: Tap Slv Vlv 12x12
Descrip: 12" x 12" Tapping Sleeve & Valve



Cell Name: Tap Slv Vlv 12x4
Descrip: 12" x 4" Tapping Sleeve & Valve

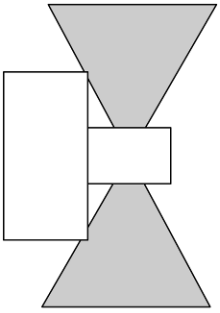


Cell Name: Tap Slv Vlv 12x6
Descrip: 12" x 6" Tapping Sleeve & Valve

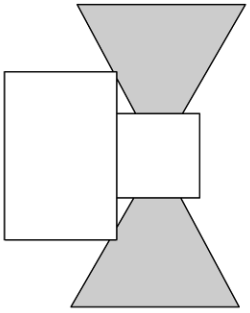


Tap Slv Vlv 12x8 – Tap Slv Vlv 20x16

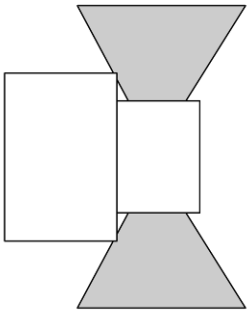
Cell Name: Tap Slv Vlv 12x8
Descrip: 12" x 8" Tapping Sleeve & Valve



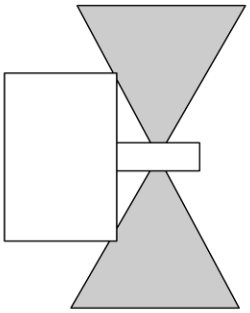
Cell Name: Tap Slv Vlv 16x12
Descrip: 16" x 12" Tapping Sleeve & Valve



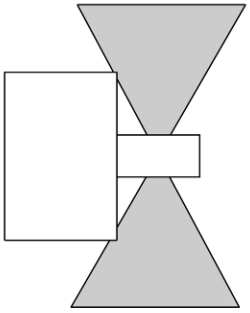
Cell Name: Tap Slv Vlv 16x16
Descrip: 16" x 16" Tapping Sleeve & Valve



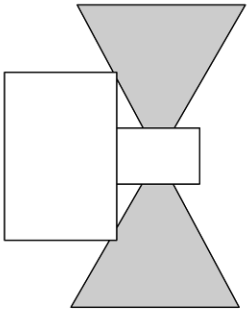
Cell Name: Tap Slv Vlv 16x4
Descrip: 16" x 4" Tapping Sleeve & Valve



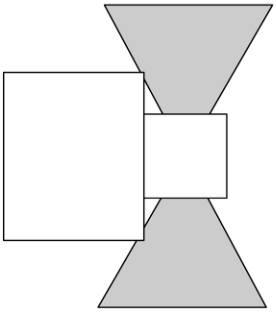
Cell Name: Tap Slv Vlv 16x6
Descrip: 16" x 6" Tapping Sleeve & Valve



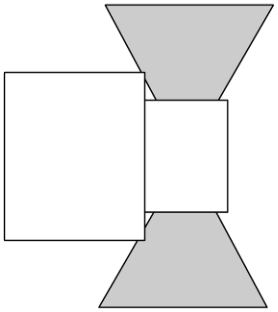
Cell Name: Tap Slv Vlv 16x8
Descrip: 16" x 8" Tapping Sleeve & Valve



Cell Name: Tap Slv Vlv 20x12
Descrip: 20" x 12" Tapping Sleeve & Valve

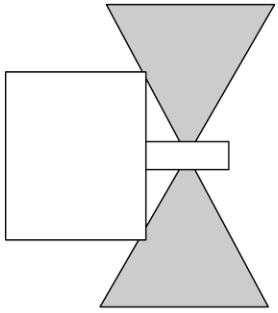


Cell Name: Tap Slv Vlv 20x16
Descrip: 20" x 16" Tapping Sleeve & Valve

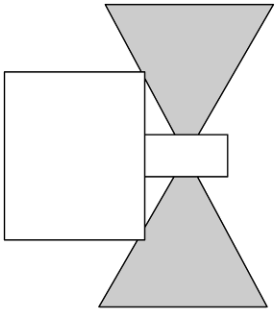


Tap Slv Vlv 20x4 – Tap Slv Vlv 24x8

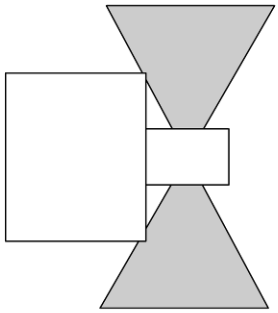
Cell Name: Tap Slv Vlv 20x4
Descrip: 20" x 4" Tapping Sleeve & Valve



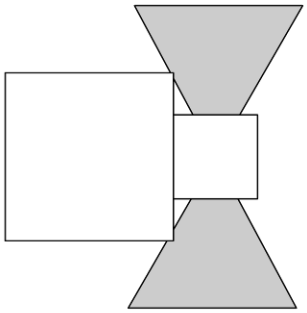
Cell Name: Tap Slv Vlv 20x6
Descrip: 20" x 6" Tapping Sleeve & Valve



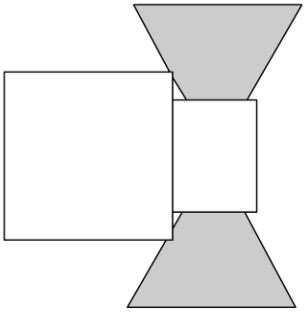
Cell Name: Tap Slv Vlv 20x8
Descrip: 20" x 8" Tapping Sleeve & Valve



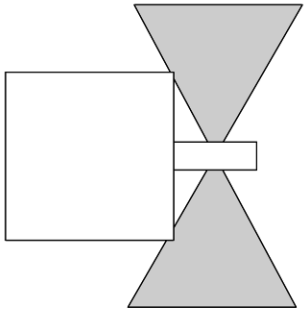
Cell Name: Tap Slv Vlv 24x12
Descrip: 24" x 12" Tapping Sleeve & Valve



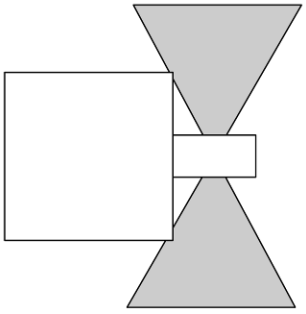
Cell Name: Tap Slv Vlv 24x16
Descrip: 24" x 16" Tapping Sleeve & Valve



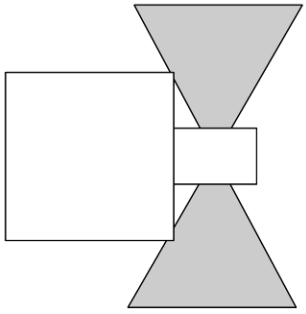
Cell Name: Tap Slv Vlv 24x4
Descrip: 24" x 4" Tapping Sleeve & Valve



Cell Name: Tap Slv Vlv 24x6
Descrip: 24" x 6" Tapping Sleeve & Valve

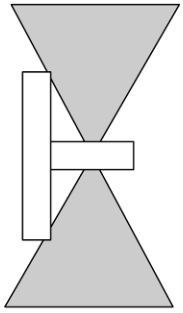


Cell Name: Tap Slv Vlv 24x8
Descrip: 24" x 8" Tapping Sleeve & Valve

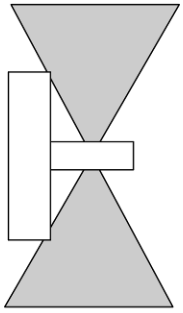


Tap Slv Vlv 4x4 – Tee 12x6

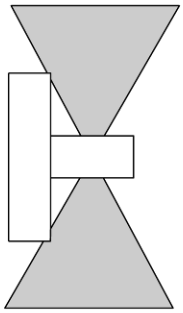
Cell Name: Tap Slv Vlv 4x4
Descrip: 4" x 4" Tapping Sleeve & Valve



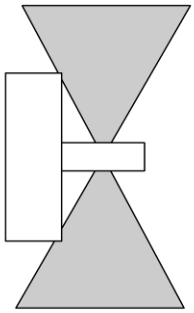
Cell Name: Tap Slv Vlv 6x4
Descrip: 6" x 4" Tapping Sleeve & Valve



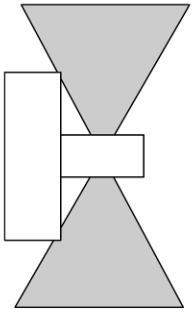
Cell Name: Tap Slv Vlv 6x6
Descrip: 6" x 6" Tapping Sleeve & Valve



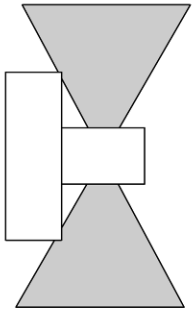
Cell Name: Tap Slv Vlv 8x4
Descrip: 8" x 4" Tapping Sleeve & Valve



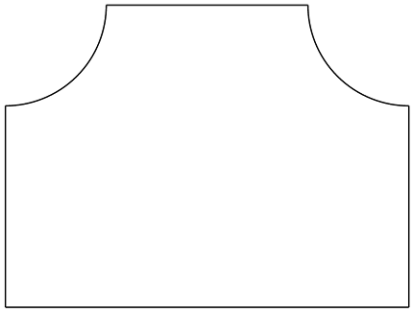
Cell Name: Tap Slv Vlv 8x6
Descrip: 8" x 6" Tapping Sleeve & Valve



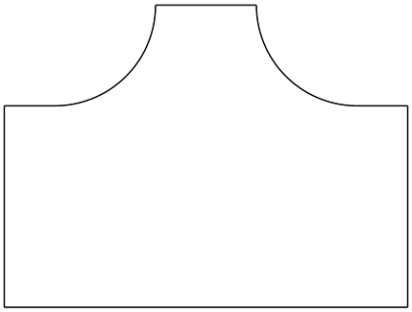
Cell Name: Tap Slv Vlv 8x8
Descrip: 8" x 8" Tapping Sleeve & Valve



Cell Name: Tee 12x12
Descrip: 12" x 12" Tee

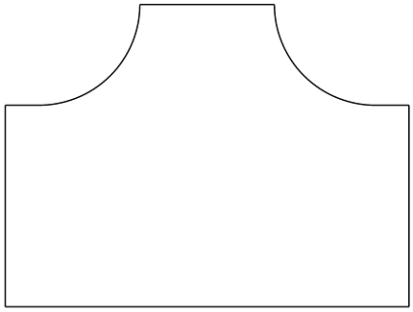


Cell Name: Tee 12x6
Descrip: 12" x 6" Tee

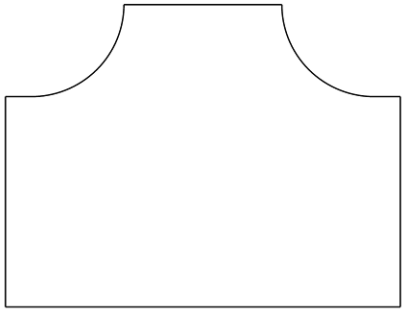


Tee 12x8 – Tee 24x24

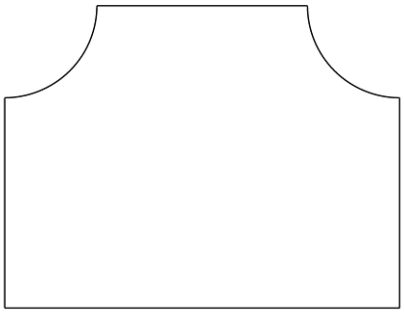
Cell Name: Tee 12x8
Descrip: 12" x 8" Tee



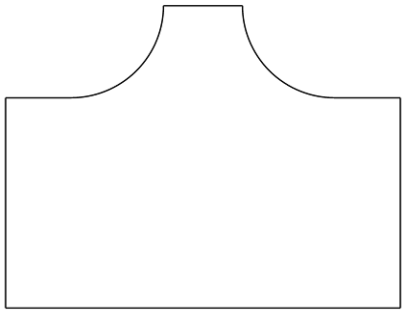
Cell Name: Tee 16x12
Descrip: 16" x 12" Tee



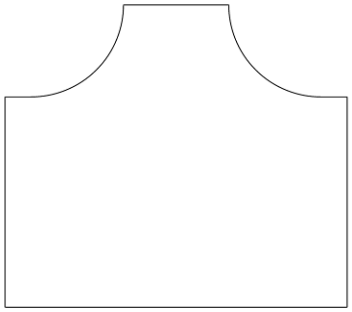
Cell Name: Tee 16x16
Descrip: 16" x 16" Tee



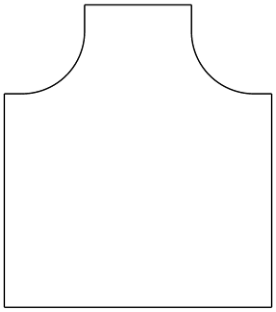
Cell Name: Tee 16x6
Descrip: 16" x 6" Tee



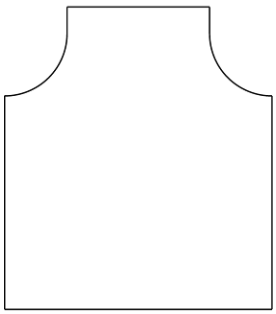
Cell Name: Tee 16x8
Descrip: 16" x 8" Tee



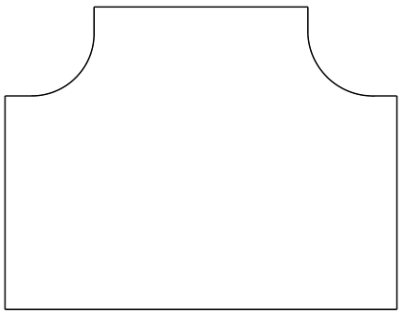
Cell Name: Tee 24x12
Descrip: 24" x 12" Tee



Cell Name: Tee 24x16
Descrip: 24" x 16" Tee

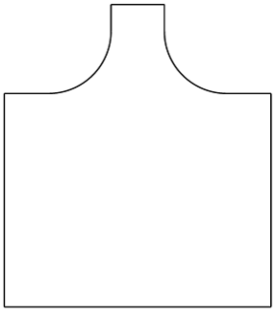


Cell Name: Tee 24x24
Descrip: 24" x 24" Tee

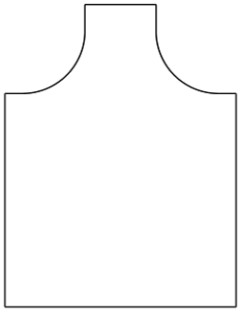


Tee 24x6 – Tee 30x8

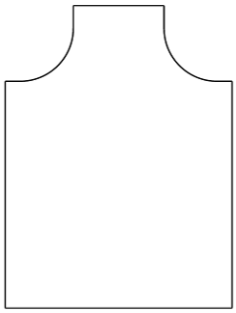
Cell Name: Tee 24x6
Descrip: 24" x 6" Tee



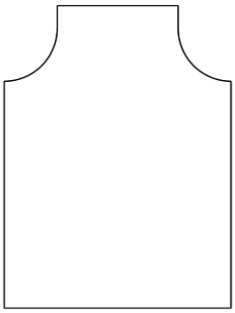
Cell Name: Tee 24x8
Descrip: 24" x 8" Tee



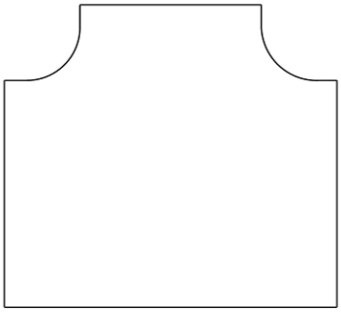
Cell Name: Tee 30x12
Descrip: 30" x 12" Tee



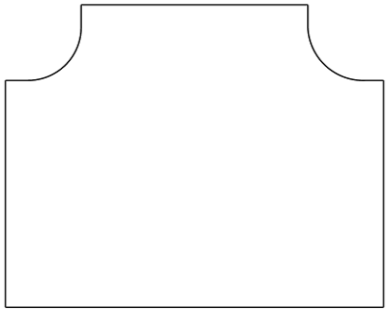
Cell Name: Tee 30x16
Descrip: 30" x 16" Tee



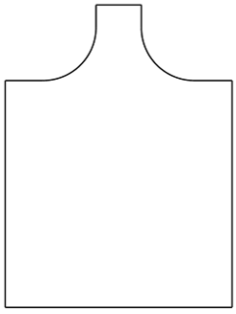
Cell Name: Tee 30x24
Descrip: 30" x 24" Tee



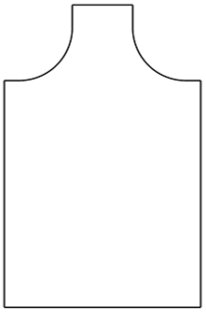
Cell Name: Tee 30x30
Descrip: 30" x 30" Tee



Cell Name: Tee 30x6
Descrip: 30" x 6" Tee

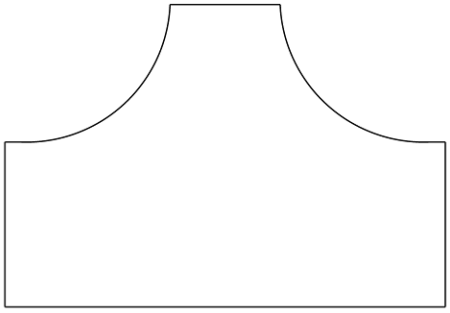


Cell Name: Tee 30x8
Descrip: 30 x 8" Tee

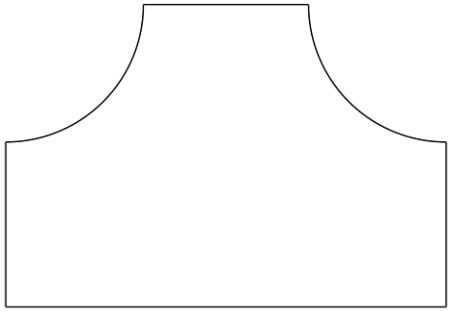


Tee 6x4 – Temp Hyd Blow Off

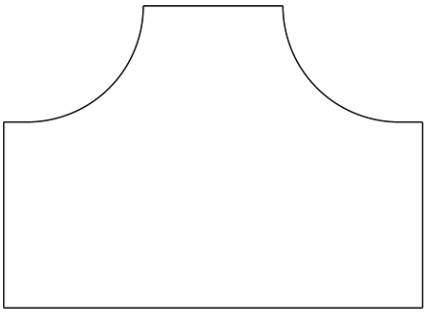
Cell Name: Tee 6x4
Descrip: 6" x 4" Tee



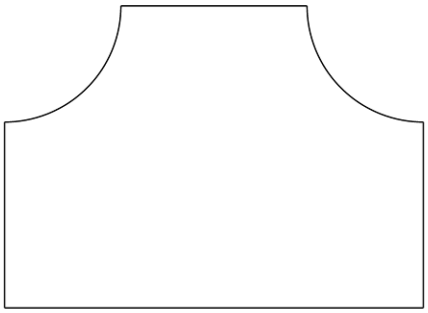
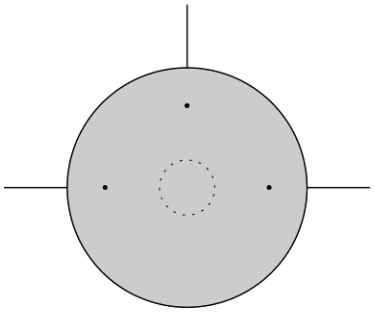
Cell Name: Tee 6x6
Descrip: 6" x 6" Tee



Cell Name: Tee 8x6
Descrip: 8" x 6" Tee



Cell Name: Tee 8x8
Descrip: 8" x 8" Tee



Cell Name: Temp Hyd Blow Off
Descrip: Temporary Hydrant and Blow Off