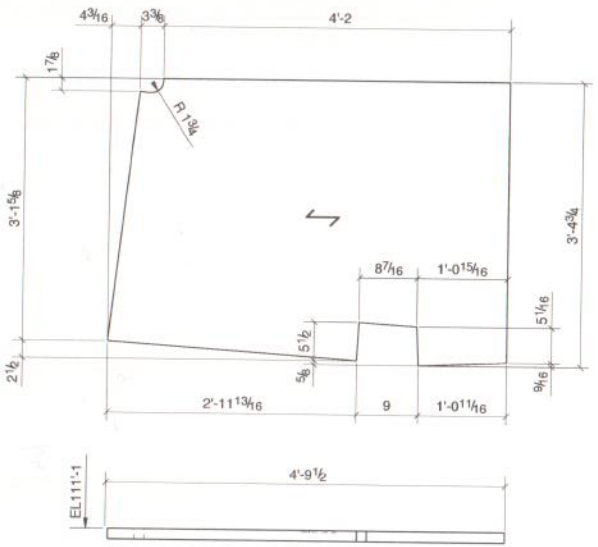
JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M23	GRATING			
	1	M23	PL1 1/2"X40 3/4"	4'-9 1/2"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M23

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
06/04/14	0	SNJ		FOR FABRICATION										

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE.

STEEL A.S.T.M.	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E70XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	-	U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	1 1/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT. ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of	GRATING	Job No.	0256
Customer	PAR CHURCH BUILDERS	Sheet No.	M23
Project	FRIENDSHIP CHURCH		
Location	FM 423 FRISCO, TEXAS		
Arch. or Engr.	SCOTT MARTSOLF	Rev. No.	0

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M31	GRATING			
	1	M31	PL1 1/2"X40 1/4"	4'-2 11/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			

ONE - GRATING - M31

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/17/14	A	SAP		FOR APPROVAL										
09/14/14	0	SNJ		FOR FABRICATION										

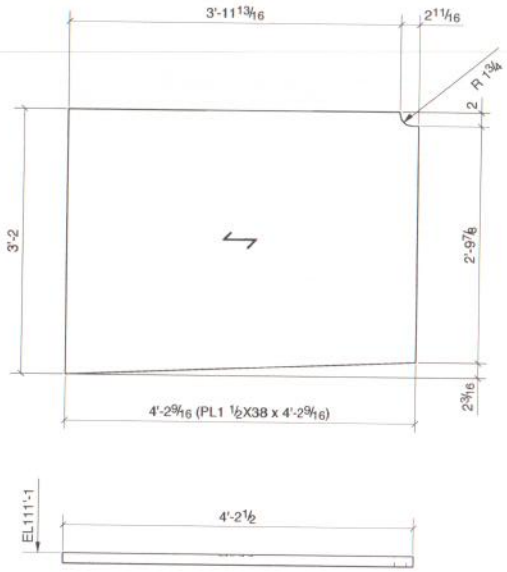
NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE

STEEL A.S.T.M	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E70XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	-	U.N.	APPROVAL REC'D DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of	GRATING	Job No.	0256
Customer	PAR CHURCH BUILDERS	Sheet No.	M31
Project	FRIENDSHIP CHURCH		
Location	FM 423 FRISCO, TEXAS		
Arch. or Engr.	SCOTT MARTSOLF	Plan No.	0

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M36	GRATING			
	1	M36	PL1 1/2"X38"	4'-2 9/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M36

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/2/14	A	SAP		FOR APPROVAL										
05/16/14	0	SNJ		FOR FABRICATION										

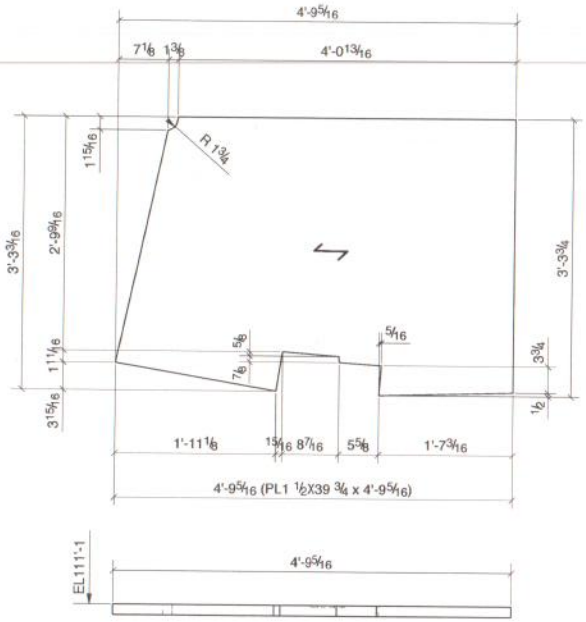
NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE

STEEL A.S.T.M.	A36 U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E(xx) U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐ NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of	GRATING	Job No.	0256
Customer	P.A.R. CHURCH BUILDERS	Sheet No.	M36
Project	FRIENDSHIP CHURCH		
Location	FM 423 FRISCO, TEXAS		
Arch. or Engr.	SCOTT MARTSOLF	Rev. No.	1

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M38	GRATING			
	1	M38	PL1 1/2"X39 3/4"	4'-9 5/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M38

(REF.: E16)

PRINT RECORD																	
DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
06/14/14	D	SNJ		FOR FABRICATION										

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE.

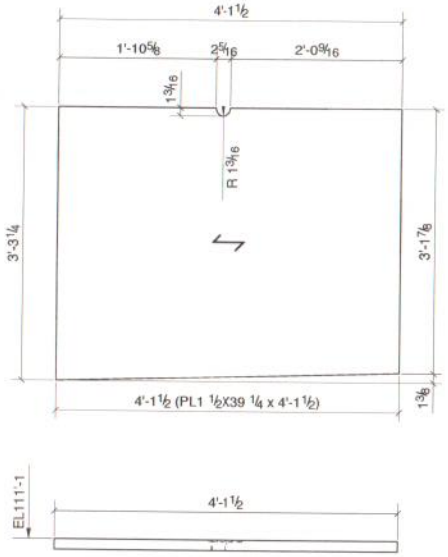
STEEL A.S.T.M.	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E70XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS		U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT ☐	HOLD AS NTO ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M38
Rev. No. 0

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M39	GRATING			
	1	M39	PL1 1/2"X39 1/4"	4'-1 1/2"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M39

(REF.: E16)

PRINT RECORD																	
DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/17/14	A	SAP		FOR APPROVAL										
06/16/14	0	SNJ		FOR FABRICATION										

NOTE:

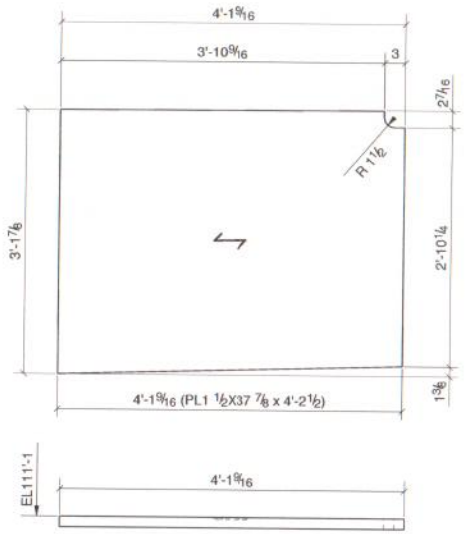
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE

STEEL A.S.T.M	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E70XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS		U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	¾ Ø A325 N	U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of	GRATING	Job No.	0256
Customer	PAR CHURCH BUILDERS	Sheet No.	M39
Project	FRIENDSHIP CHURCH		
Location	FM 423 FRISCO, TEXAS		
Arch. or Engr.	SCOTT MARTSOLF	Rev. No.	1

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M42	GRATING			
	1	M42	PL1 1/2"X37 7/8"	4'-2 1/2'	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M42

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
06/14/14	0	SNJ		FOR FABRICATION										

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR, OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE

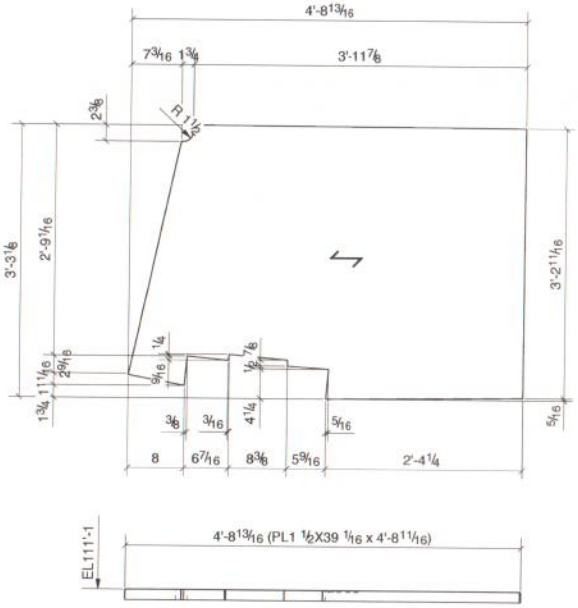
STEEL A.S.T.M.	A36 U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E6XX U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325-N U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐ NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M42
Rev No. 0

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M43	GRATING			
	1	M43	PL1 1/2"X39 1/16"	4'-8 11/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M43

(REF.: E16)

PRINT RECORD																	
DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/17/14	A	SAP		FOR APPROVAL										
06/14/14	0	SAJ		FOR FABRICATION										

NOTE:

ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE

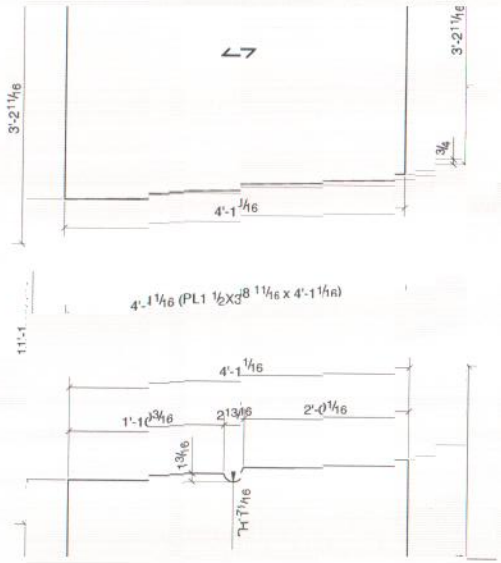
STEEL A.S.T.M.	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E70XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS		U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT ☐ HOLD AS NTD ☐	
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐ NO ☒		FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M43
Rev. No. 0

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M46	GRATING			
	1	M46	PL1 1/2"X38 11/16"	4'-1 1/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M46

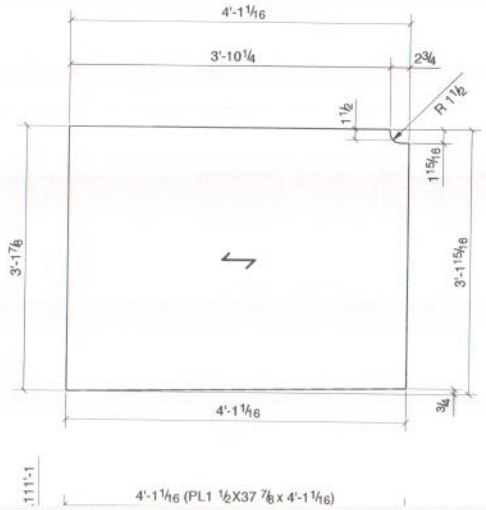
PRINT RECORD											
	DATE	NO.	BY	TO	FOR		DATE	NO.	BY	TO	FOR

STEEL A.S.T.M	A36	U.N.	DRAWN BY KM	DATE 05/17/14
WELDING ELECTRODES	E70XX	U.N.	CHECKED BY SAP	DATE 05/19/14
WELDS		U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT. ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FAB. FOR OR BRANCH IRON BE MADE AT CONTRACTORS AND/OR ERECTOR'S EXPENSE.

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of	GRATING	Job No.	0256
Customer	P.A.R. CHURCH BUILDERS	Sheet No.	M46
Project	FRIENDSHIP CHURCH		
Location	FM 423 FRISCO, TEXAS		
Arch. or Engr.	SCOTT MARTSOLF	Rev. No.	0



ONE - GRATING - M49

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL					
06/14/14	0	SNJ		FOR FABRICATION					

NOTE:

ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/OR ERECTORS EXPENSE.

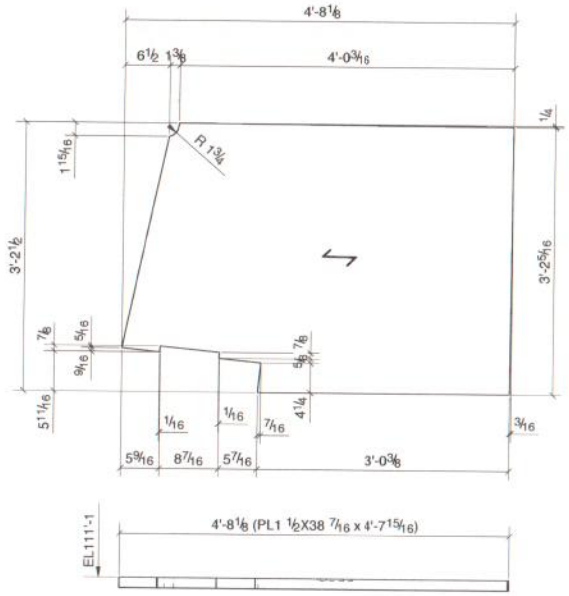
STEEL A.S.T.M.	A36
WELDING ELECTRODES	E70XX
WELDS	-
OPEN HOLES	13/16 Ø
BOLTS	3/4 Ø A325 N
PAINT	STD GREY PRIMER
HOT DIP GALVANIZED	YES ☐ NO ☑

APPROVAL REC'D. DATE:
ISSUED TO SHOP DATE:
FAB ALL SHT ☐ HO
DELIVERY TICKET NO.
FINAL PRINTS ISSUED DA

DATE	NO.	BY	TO

DRAWN BY: KM
CHECKED BY: SAP

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M56	GRATING			
	1	M56	PL1 1/2"X38 7/16"	4'-7 15/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M56

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
06/14/14	B	SNJ		FOR FABRICATION										

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE.

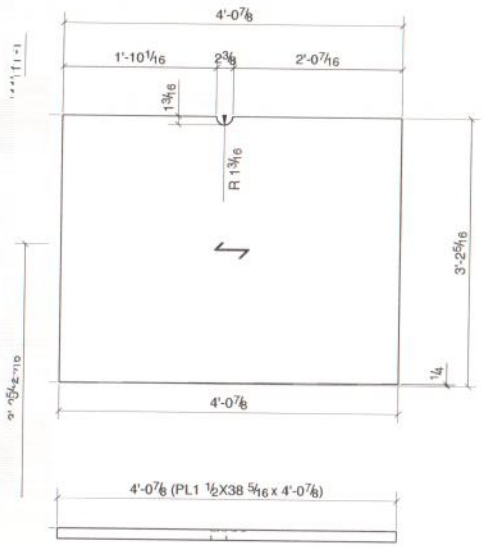
STEEL A.S.T.M	A36 U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E(6)XX U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	U.N.	APPROVAL REC'D. DATE:	
OPEN HOLES	13/16 Ø U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER U.N.	DELIVERY TICKET NO:	
HOT DIP GALVANIZED	YES ☐ NO ☒	FINAL PRINT'S ISSUED DATE	

BRANCH IRON WORKS, LLC
733 EAST FM 917
ALVARDO, TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M56
Rev. No. 0

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M60	GRATING			
	1	M60	PL1 1/2"X38 5/16"	4'-0 7/8"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M60

(REF.: E16)

PRINT RECORD																	
DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
06/14/14	0	SNJ		FOR FABRICATION										

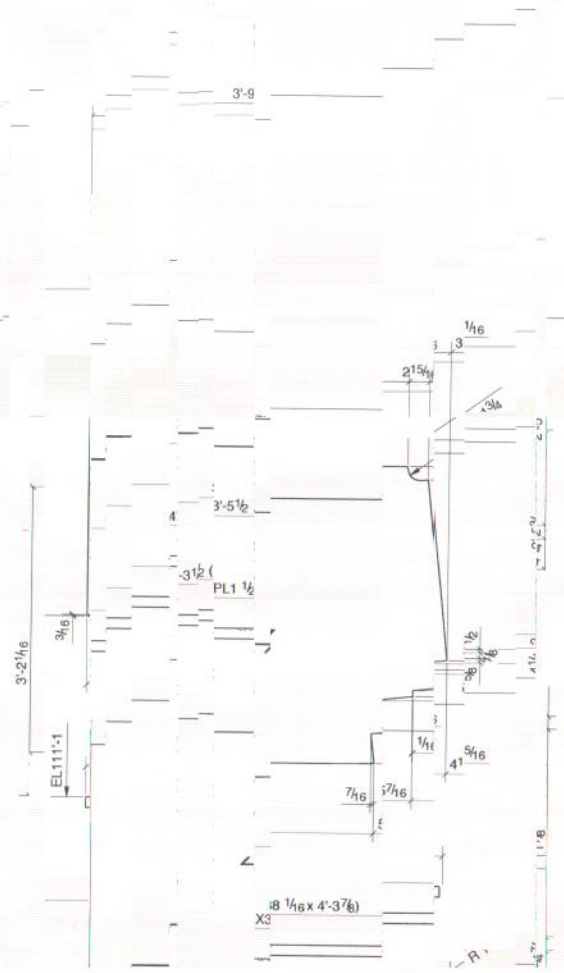
NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE.

STEEL A.S.T.M.	A36 U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E8XX U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	U.N.	APPROVAL REC'D DATE	
OPEN HOLES	13/16 Ø U.N.	ISSUED TO SHOP DATE	
BOLTS	3/4 Ø A325 N U.N.	FAB ALL SHT ☐ HOLD AS NTD ☐	
PAINT	STD GREY PRIMER U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐ NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M60
Rev No. 0



JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M68	GRATING			
	1	M66	PL1 1/2"X38 1/16"	4'-3 7/8"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			

A TING - M66

NE - GR

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
5/2/14	A	SAP		FOR APPROVAL										
5/14/14	0	SNJ		FOR FABRICATION										

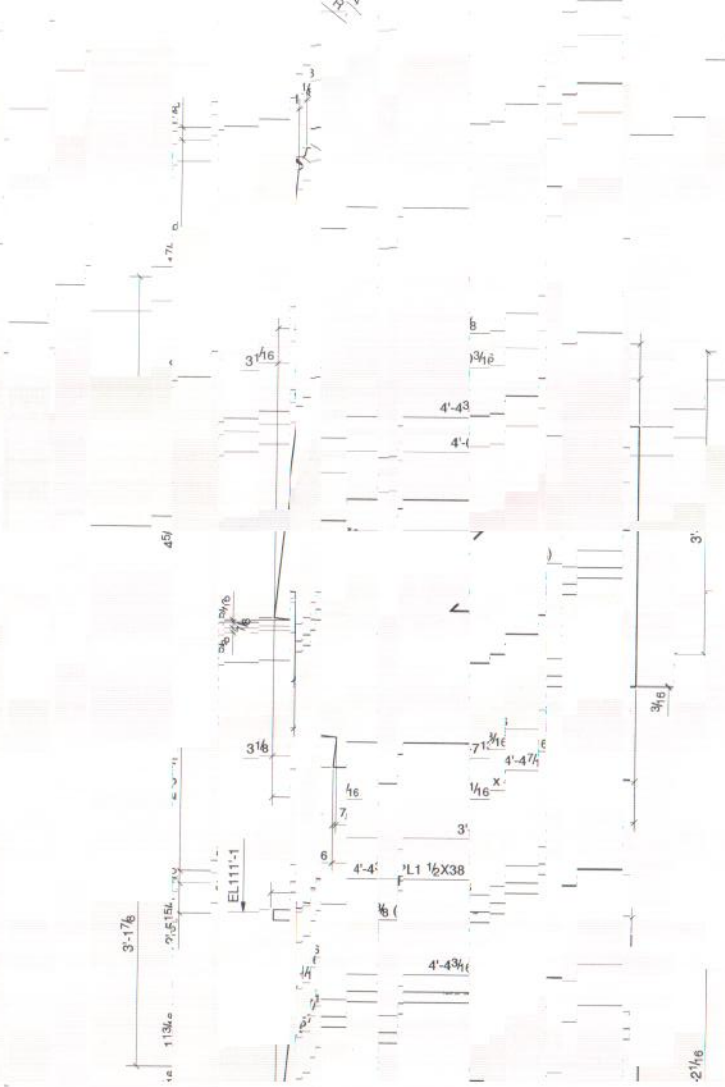
NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/OR ERECTORS EXPENSE.

STEEL A.S.T.M	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E6XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS		U.N.	APPROVAL RECD DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	¾ Ø A325 N	U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M66
Rev No. 0



JOB NO : 0256			BILL OF MATERIAL			
QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M70	GRATING			
	1	M70	PL1 1/2"X38 1/16"	4'-4 7/16"	A36	
ERECTION BOLTS						
SIZE	LENGTH	TYPE				

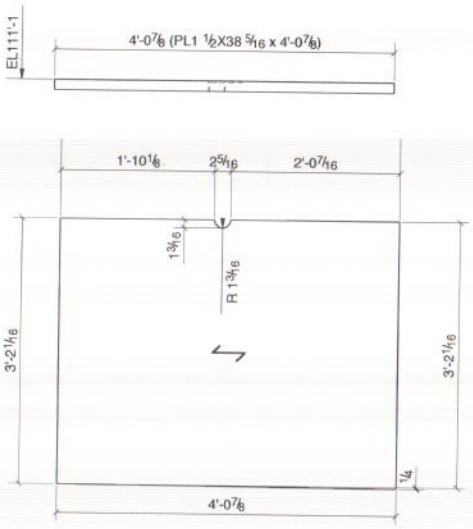
DATE	NO.	BY	TO	FOR

DRAWN BY: KM DATE: 05/17/14
CHECKED BY: SAP DATE: 05/19/14
APPROVAL REC'D DATE:
ISSUED TO SHOP DATE:
FAB ALL SHT ☐ HOLD AS NTD ☐
DELIVERY TICKET NO.
FINAL PRINTS ISSUED DATE

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of: GRATING
Customer: PAR CHURCH BUILDERS
Project: FRIENDSHIP CHURCH
Location: FM 423 FRISCO, TEXAS
Arch. or Engr.: SCOTT MARTSOLF

Job No. 0256
Sheet No. M70
Rev No. 0



ONE - GRATING - M74

(REF.: E16)

DATE	NO	BY	TO	FOR
05/21/14	A	SAP		FOR APPRO
06/14/14	0	SNJ		FOR FABRI

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/OR ERECTORS EXPENSE.

JOB NO :

SHIP QTY.

TERIAL

LENGTH

4'-0 7/8"

256

PC MA

M74

BILL

MA

DRAWN BY

CHECKED BY

APPROVAL REQ

ISSUED TO SH

FAB ALL SHT

DELIVERY TICK

FINAL PRINTS

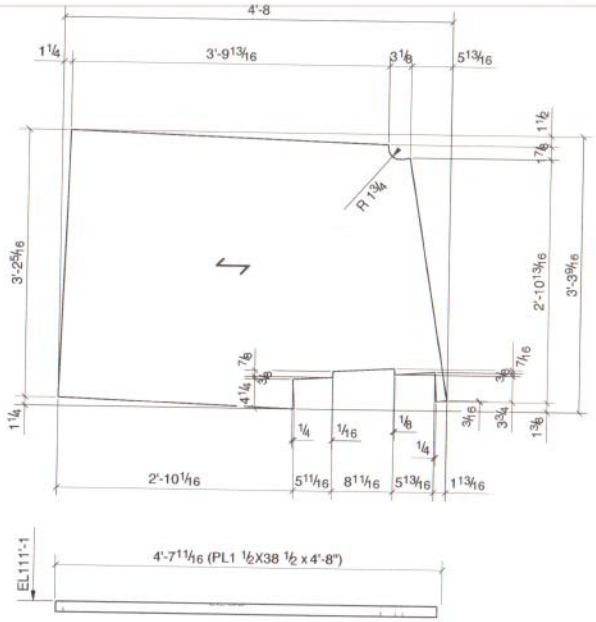
IRON WORD
EAST FM 9
ARDO, TX 76

DATE: 05/17/14

DATE: 05/19/14

HOLD AS NTD

JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M77	GRATING			
	1	M77	PL1 1/2"X38 1/2"	4'-8"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			



ONE - GRATING - M77

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
05/16/14	0	SNJ		FOR FABRICATION										

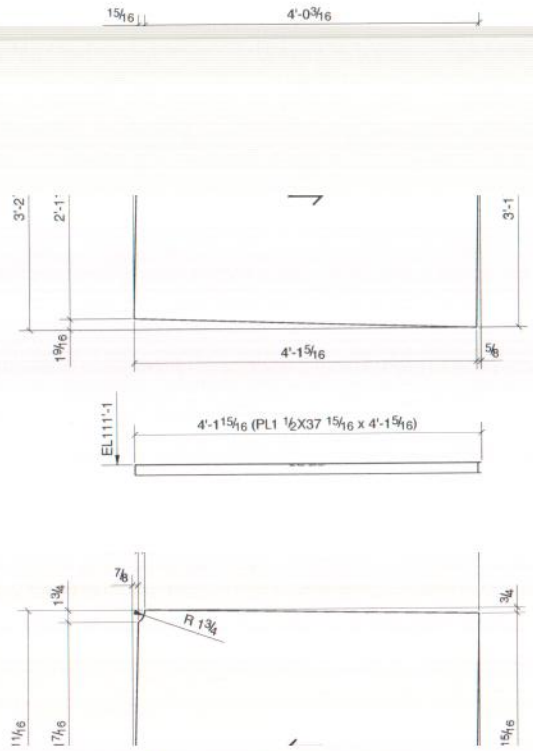
NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/OR ERECTORS EXPENSE.

STEEL A.S.T.M	A36 U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E70XX U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	- U.N.	APPROVAL RECD. DATE:	
OPEN HOLES	15/16 Ø U.N.	ISSUED TO SHOP DATE:	
BOLTS	¾ Ø A325 N U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER U.N.	DELIVERY TICKET NO:	
HOT DIP GALVANIZED	YES ☐ NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

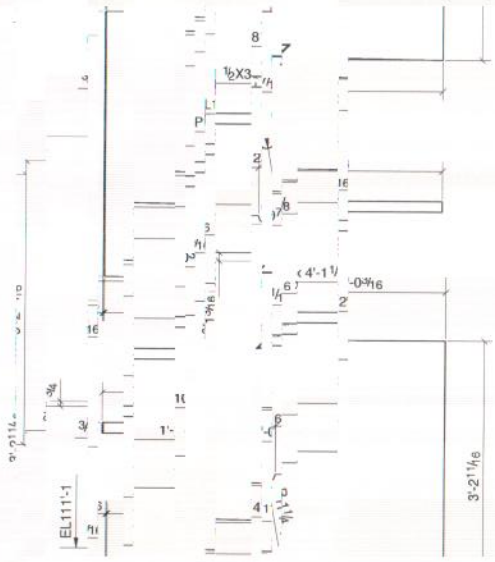
Job No. 0256
Sheet No. M77
Rev. No. 0



ONE - GRATING - M78

1		M80	GRATING			
	1	M80	PL1 1/2"X38 11/16"	4'-1 1/16"	A36	

ERECTION BOLTS			
QUAN.	SIZE	LENGTH	TYPE



JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/ OR ERECTORS EXPENSE.

STEEL A.S.T.M.	A36	U.N.	DRAWN BY: KM	DATE: 05/17/14
WELDING ELECTRODES	E6XX	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	-	U.N.	APPROVAL REC'D DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT ☐	HOLD AS NTD ☐
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

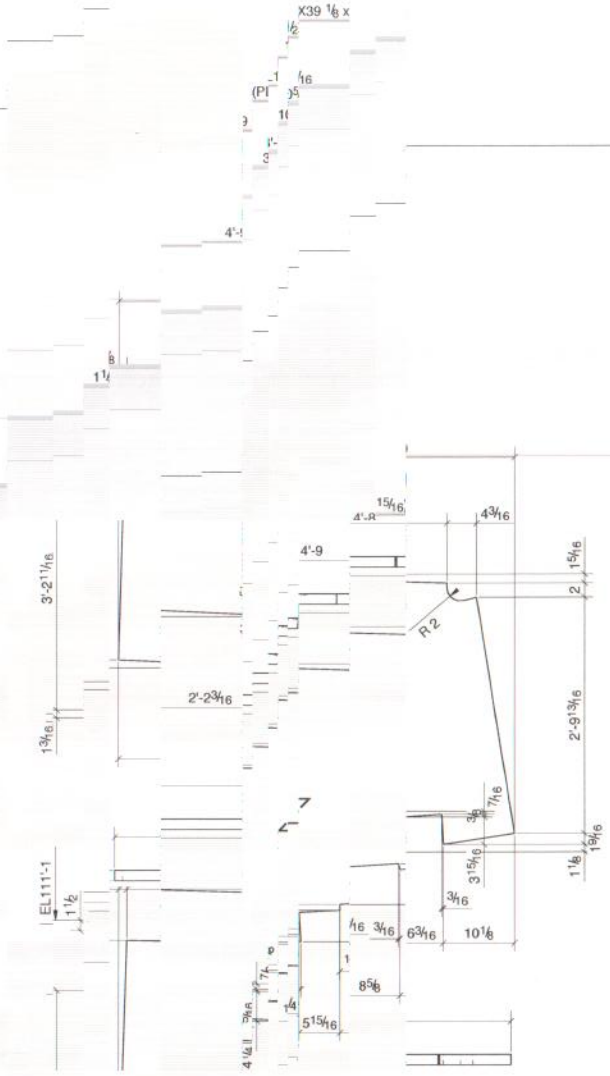
Job No. 0256
Sheet No. M80
Rev. No. 0

(REF.: E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
05/21/14	A	SAP		FOR APPROVAL										
06/14/14	0	SNJ		FOR FABRICATION										

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO TX 76009



JOB NO : 0256			BILL OF MATERIAL			
SHIP QTY.	QTY.	PC MARK	DESCRIPTION	LENGTH	GRADE	REMARKS
1		M81	GRATING			
	1	M81	PL1 1/2"X39 1/8"	4'-8 15/16"	A36	
ERECTION BOLTS						
QUAN.	SIZE	LENGTH	TYPE			

(REF. : E16)

PRINT RECORD

DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR	DATE	NO.	BY	TO	FOR
5/2/14	A	SAP		FOR APPROVAL										
5/14/14	0	SNJ		FOR FABRICATION										

NOTE:
ALL FIELD CHANGES OR CORRECTIONS MUST BE APPROVED BY FABRICATOR OR WILL BE MADE AT CONTRACTORS AND/OR ERECTORS EXPENSE.

STEEL A.S.T.M.	A36	U.N.	DRAWN BY: KJM	DATE: 05/17/14
WELDING ELECTRODES	E7000	U.N.	CHECKED BY: SAP	DATE: 05/19/14
WELDS	-	U.N.	APPROVAL RECD. DATE:	
OPEN HOLES	13/16 Ø	U.N.	ISSUED TO SHOP DATE:	
BOLTS	3/4 Ø A325 N	U.N.	FAB ALL SHT ☐ HOLD AS NTD ☐	
PAINT	STD GREY PRIMER	U.N.	DELIVERY TICKET NO.	
HOT DIP GALVANIZED	YES ☐	NO ☒	FINAL PRINTS ISSUED DATE	

BRANCH IRON WORKS,LLC
733 EAST FM 917
ALVARDO,TX 76009

Details of GRATING
Customer PAR CHURCH BUILDERS
Project FRIENDSHIP CHURCH
Location FM 423 FRISCO, TEXAS
Arch. or Engr. SCOTT MARTSOLF

Job No. 0256
Sheet No. M81
Rev No. 0