



SCALE: 1"=10'

REF: SHEET C4.1 FOR GRADING & DRAINAGE GENERAL

NOTE: ALL RESPONSIBILITY FOR ADEQUACY OF DESIGN REMAINS WITH THE DESIGN ENGINEER. THE CITY OF ROCKWALL, IN REVIEWING AND RELEASING PLANS FOR CONSTRUCTION, ASSUMES NO RESPONSIBILITY FOR ADEQUACY OR ACCURACY OF DESIGN.

## **STORM DETAIL**

STA 0+12.30 LINE "ST-3"

INSTALL:

PROP. PRIVATE 48"

STA 0+34.04 LINE "ST-5"=

STA 0+00.00 LINE "ST-3"

STA 0+24.49 LINE "ST-5"

FL 30"=551.09 (NW)

FL 48"=550.34 (E

FL 48"=550.34 (W)

1-48" 30° BEND

FL 48"=550.07 (SE)

FL 48"=550.07 (W)

-48"X30" 60° WYE CONNECTION

STORM DRAIN @ 2.88%

1-15' CURB INLET-5' DEEP

FL 30"=553.05 (SE)

STORM DRAIN @ 15.94%

PROP. PRIVATE 30"

**INSTALL:** 

HGL=556.17

TI=558.05

STA 0+20.40 LINE "ST-1"=

CONNECT TO PROP. 6'X4' BOX

STA 0+00.00 LINE "ST-4"

FL 6'X4' BOX=549.42

FL 6'X4' BOX=549.42

STA 0+07.00 LINE "ST-1"= STA 0+00.00 LINE "ST-5"

CONNECT TO PROP. 6'X4' BOX |

FL 6'X4' BOX=549.37

FL 48"=549.37

PROP. PRIVATE 48"

STORM DRAIN @ 2.85%

FL 6'X4' BOX=549.37

FL 48"=549.42

STA 1+49.85 LINE "ST-1

STA 0+25.40 LINE "ST-1" END PUBLIC 6'X4' BOX

FL 30"=549.44

PROP. PRIVATE 48"

PROP. PUBLIC 6'x4' BOX STORM DRAIN @ 0.40%

STORM DRAIN @ 1.12%

STA 0+00.00 LINE "ST-1"

EX. 6'X4' BOX FL=549.34

FL 6'X4' BOX=549.34

PROP. 6'X4' BOX (BY OTHERS)

INSTALLED)

REMOVE HEADWALL (IF PREVIOUSLY

CONNECT TO EXIST. 6'X4' BOX

BEGIN PRIVATE 30" STORM DRAIN INSTALL CONCRETE COLLAR FL 6'X4' BOX=549.44

STA 0+25.00 LINE "ST-4"

☐ 1-48" TYPE B HEADWALL

FL 48"=549.70 (W)

STA 0+10.00 LINE "ST-4"

INSTALL:

1-48" 30° BEND FL 48"=549.53 (SW)

FL 48"=549.53 (E)

1-30" 45° BEND

FL 30"=550.18 (S) FL 30"=550.18 (NW)

INSTALL:

## BENCH MARK LIST

STA 1+19.94 LINE "ST-15"

POINT OF TANGENCY

FL 36"=553.81 (S FL 36"=553.81 (N

> Δ=28°56'22" | R=200.00' L=101.02' T=51.61'

CD=99.95'

STA 0+18.93 LINE "ST-15"

POINT OF CURVATURE

FL 36"=553.10 (SE)

FL 36"=553.10 (NW)

STA 1+33.23 LINE "ST-5"

1-48" TYPE B HEADWALL

FL 48"=553.19 (E)

STA 1+08.00 LINE "ST-5"=

STA 0+00.00 LINE "ST-15"

CONNECT TO PREVIOUSLY

INSTALLED 48" RCP

FL 36"=552.97 (NW)

FL 48"=552.47 (E)

FL 48"=552.47 (W)

CB=N 15'31'49" W

DRAINAGE EASEMENT

BM A "X" CUT ON THE CENTER OF CURB INLET AT THE EDGE OF SIDEWALK ±25' FROM CURB RETURN AT NORTHWEST INTERSECTION OF JUSTIN ROAD AND INDUSTRIAL PARKWAY ELEV=561.99 FT

BM B "X" CUT ON SOUTHEAST CORNER OF SIDEWALK NEXT TO HEADWALL ON WEST SIDE OF JOHN KING BOULEVARD ±1,700' NORTH OF INTERSTATE-30

ELEV=563.49 FT BM 3 "X" CUT SET AT CENTER OF CONCRETE CURB INLET IN THE EAST

SIDE OF JOHN KING BOULEVARD ±450' SOUTH OF A RAILROAD

BM 50 "X" CUT IN CONCRETE FOUND, ±41' SOUTH OF THE NORTHERNMOST NORTHWEST CORNER OF THE SUBJECT PROPERTY AND ±3' WEST OF THE EDGE OF CONCRETE. ELEV=565.60 FT

BM 51 "X" CUT IN CONCRETE SET, ±879' EAST OF THE CENTERLINE OF INDUSTRIAL BOULEVARD, ±526' SOUTH OF THE RAILROAD RIGHT-OF-WAY LINE; ±4' WEST OF THE CONCRETE RETAINING WALL AND ±18' NORTH OF A FIRE HYDRANT.

ELEV=561.88 FT

**RECORD DRAWING** 

THE SIGNED AND SEALED CONSTRUCTION DOCUMENT HAS BEEN REVISED TO REFLECT CONSTRUCTION RECORDS MAINTAINED AND PROVIDED BY THE CONTRACTOR FOR THIS PROJECT. THE INFORMATION SHOWN ON THIS RECORD DRAWING, WHICH WAS PROVIDED BY THE CONTRACTOR, OR OTHERS NOT ASSOCIATED WITH THE DESIGN ENGINEER, CANNOT BE VERIFIED FOR ACCURACY OR COMPLETENESS. PACHECO KOCH SHALL ASSUME NO LIABILITY FOR ANY CHANGES MADE DURING CONSTRUCTION

CONTRACTOR: BOB MOORE CONSTRUCTION, INC. DATE REVISED: 09/29/2016

THAT WERE NOT SPECIFICALLY APPROVED BY THE ENGINEER PRIOR TO CONSTRUCTION. THE SEALED CONSTRUCTION DRAWINGS ARE ON FILE AT THE OFFICES OF PACHECO KOCH. SIGNATURE: ENGINEER OF RECORD: STEVEN HEILBRUN, P.E.

**CHANNELL BTS** 

1"=20'

09/29/2016 | RECORD DRAWINGS

10/20/2015 RACEWAY 09/24/2015 ASI 26

NO.

SMH/MG

NWC JUSTIN RD. & JOHN KING BLVD. **CHANNELL SUBDIVISION LOT 2, BLOCK A** 

**STORM SEWER PLAN** 

CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS SCALE DESIGN DRAWN DATE NOTES

Pacheco Koch

Total Reg. Engineering Firm F-14439

PK FILE: 3273-14.192

MG

NOV 2014

**C4.2** 

TX REG. SURVEYING FIRM LS-101938-05

DWG FILE: 3273-14.192ST.DWG (DIESEL evaluation failed)

REVISION