This document, together with the concepts and designs presented herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PLOTTED BY MAURICIO.MARLA 9/27/2012 8:54 AM
DWG NAME K:\FW_CIVIL\063190\8-WORKING\PLANSET\C-09-DAM-EXIST.DWG [C-09 EXISTING CONDITIONS DRAINAGE AREA MAP]
LAST SAVED 9/26/2012 1:45 PM

BELT LINE ROAD
(100' PUBLIC R.O.W.)

DALLAS NORTH TOLLWAY
(VARIABLE WIDTH PUBLIC R.O.W.)

LOT A, BLOCK 1
OAKS NORTH-WEST NO. 1
VOL. 79121, PG. 563
D.R.D.C.T.

LOT B, BLOCK 1
OAKS NORTH-WEST
NO. 1
VOL. 79121, PG. 563
D.R.D.C.T.

LOT D, BLOCK 1
OAKS NORTH-WEST
NO. 3
VOL. 79121, PG. 571
D.R.D.C.T.

LOT C, BLOCK 1
OAKS NORTH-WEST
NO. 2
VOL. 79121, PG. 579
D.R.D.C.T.

A1 | 2.56 | 20.1

BLDG-A | 1.20 | 9.4

BLDG-B | 0.23 | 1.8

DI-1 | 0.72 | 5.7

B1 | 2.06 | 16.2

B2 | 1.02 | 8.0

AD-A | 0.21 | 1.7

EXISTING BUILDING

EXISTING 1 STORY BUILDING

EXISTING 10' CURB INLET Q = 28.9 cfs

EXISTING DROP INLET Q = 5.7 cfs

EXISTING 11' CURB INLET Q = 16.2 cfs

EXISTING 11' CURB INLET Q = 8.0 cfs

MULTIPLE EXISTING AREA DRAINS Q = 1.7 cfs

EXISTING FLOW Q = 31.2 cfs

EXISTING FLOW Q = 31.7 cfs

EX. 8" STM

EX. 24" RCP STM

EX. 21" RCP STM

EX. 27" RCP STM

EX. 31" RCP STM

N W E S

0 40' 80'
GRAPHIC SCALE 40'

RECORD DRAWINGS
(October 2013)
Information Provided By:
BOB MOORE CONSTRUCTION

FLOODPLAIN NOTE

AS DETERMINED BY THE FLOOD INSURANCE RATE MAPS FOR DALLAS COUNTY, THE SUBJECT PROPERTY DOES NOT APPEAR TO LIE WITHIN A SPECIAL FLOOD HAZARD AREA (100 YEAR FLOOD), MAP DATE 08/23/01 COMMUNITY PANEL NO. 48113C0180 J, SUBJECT LOT IS LOCATED IN ZONE "X". IF THIS SITE IS NOT WITHIN AN IDENTIFIED FLOOD HAZARD AREA, THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY AND/OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE. ON RARE OCCASIONS, GREATER FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF THE SURVEYOR OR ENGINEER.

EXISTING CONDITION DRAINAGE AREA CALCULATIONS

DRAINAGE AREA NO.	RUNOFF COEFF. "C"	RAINFALL INTENSITY "I" 100	TC (MIN.)	AREA (AC.)	Q_{100} (CFS)	COLLECTION POINT
A1	0.90	8.74	10	2.56	20.1	EXISTING CURB INLET
AD-A	0.90	8.74	10	0.21	1.7	EXISTING AREA DRAINS
BLDG-A	0.90	8.74	10	1.20	9.4	EXISTING ROOF DRAIN SYSTEM
			SUBTOTAL LINE "A"	3.97	31.2	
B1	0.90	8.74	10	2.06	16.2	EXISTING CURB INLET
B2	0.90	8.74	10	1.02	8.0	EXISTING CURB INLET
BLDG-B	0.90	8.74	10	0.23	1.8	EXISTING ROOF DRAIN SYSTEM
DI-1	0.90	8.74	10	0.72	5.7	EXISTING DROP INLET
			SUBTOTAL LINE "B"	4.03	31.7	

LEGEND

- A1 / 4.21 ac / 33.1cfs — AREA DESIGNATION; AREA (AC.); Q_{100} (cfs)
- DRAINAGE AREA BOUNDARY
- FLOW ARROWS
- 626 — EXISTING CONTOURS

BENCHMARKS

BM 1 2" BRASS DISK STAMPED "TXDOT COA-5 GPS" 190'± SOUTH FROM THE INTERSECTION OF EDWIN LEWIS DRIVE AND QUORUM DRIVE; 2'± FROM WEST EDGE OF SIDEWALK, 50.5'± FROM THE WEST SIDE OF MEDIAN IN QUORUM DRIVE & 76'± FROM FIRE HYDRANT.

ELEV=630.10

BM 2 2" BRASS DISK STAMPED "TXDOT COA-10 GPS" AT THE NORTHWEST CORNER OF HAVENSHIRE PLACE AND BELLBROOK DRIVE; 21.80± FROM SANITARY SEWER MANHOLE, 11.10'± FROM STREET SIGN & 2.45± TO PC IN SIDEWALK.

ELEV=593.89

BM 3 CITY OF DALLAS WATER DEPT. BENCHMARK; "□" ON CONCRETE BASE OF 6' BRICK WALL AT THE NORTHEAST CORNER OF CELESTIAL ROAD AND MONTFORT DRIVE.

ELEV=626.81

No.	REVISIONS	DATE	BY

Kimley-Horn and Associates, Inc.
State of Texas Registration No. F-928
5750 GENESIS COURT, SUITE 200, FRISCO, TX 75034
PHONE: 972-335-3580 FAX: 972-335-3779
WWW.KIMLEY-HORN.COM

STATE OF TEXAS
ROY BRASWELL
104908
LICENSED
PROFESSIONAL ENGINEER
9/27/12

KHA PROJECT 063190038
DATE 9/27/2012
SCALE AS SHOWN
DESIGNED BY TBB
DRAWN BY AAE
CHECKED BY TBB

VILLAGE ON THE PARKWAY
ADDISON, TEXAS

EXISTING CONDITIONS DRAINAGE AREA MAP

SHEET NUMBER
C-09