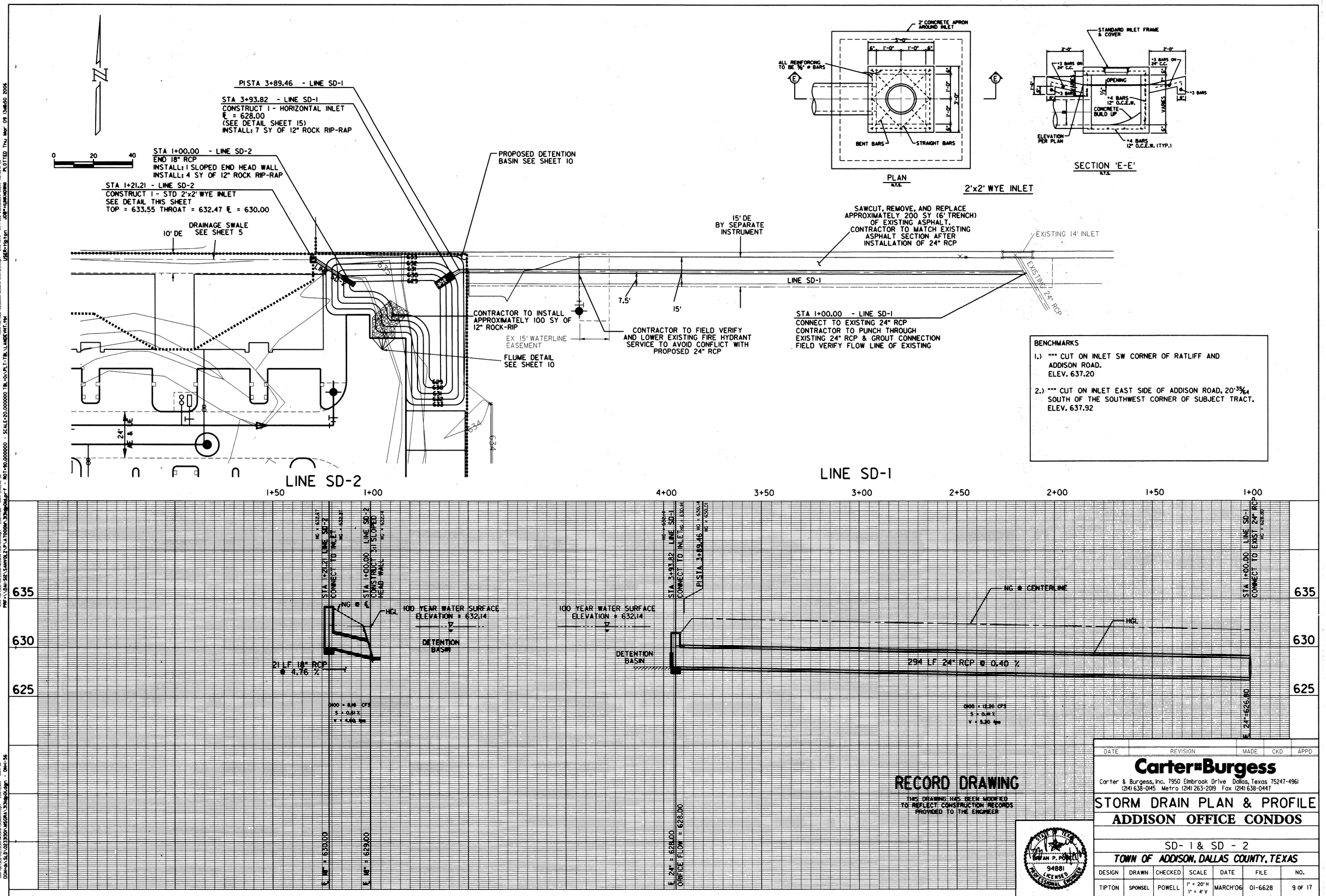
PISTA 3+89.46 - LINE SD-1
STA 3+93.82 - LINE SD-1
CONSTRUCT 1 - HORIZONTAL INLET
FL = 628.00
(SEE DETAIL SHEET 15)
INSTALL: 7 SY OF 12" ROCK RIP-RAP
STA 1+00.00 - LINE SD-2
END 18" RCP
INSTALL: 1 SLOPED END HEAD WALL
INSTALL: 4 SY OF 12" ROCK RIP-RAP
STA 1+21.21 - LINE SD-2
CONSTRUCT 1 - STD 2'x2' WYE INLET
SEE DETAIL THIS SHEET
TOP = 633.55 THROAT = 632.47 FL = 630.00
DRAINAGE SWALE
SEE SHEET 5
10' DE
PROPOSED DETENTION
BASIN SEE SHEET 10
15' DE
BY SEPARATE
INSTRUMENT
SAWCUT, REMOVE, AND REPLACE
APPROXIMATELY 200 SY (6' TRENCH)
OF EXISTING ASPHALT.
CONTRACTOR TO MATCH EXISTING
ASPHALT SECTION AFTER
INSTALLATION OF 24" RCP
EXISTING 14' INLET
EXISTING 24" RCP
LINE SD-1
7.5'
15'
CONTRACTOR TO INSTALL
APPROXIMATELY 100 SY OF
12" ROCK-RIP
EX 15' WATERLINE
EASEMENT
FLUME DETAIL
SEE SHEET 10
CONTRACTOR TO FIELD VERIFY
AND LOWER EXISTING FIRE HYDRANT
SERVICE TO AVOID CONFLICT WITH
PROPOSED 24" RCP
STA 1+00.00 - LINE SD-1
CONNECT TO EXISTING 24" RCP
CONTRACTOR TO PUNCH THROUGH
EXISTING 24" RCP & GROUT CONNECTION
FIELD VERIFY FLOW LINE OF EXISTING
0 20 40
LINE SD-2
LINE SD-1
1+50
1+00
4+00
3+50
3+00
2+50
2+00
1+50
1+00
2' CONCRETE APRON
AROUND INLET
ALL REINFORCING
TO BE ⅝" ø BARS
BENT BARS
STRAIGHT BARS
PLAN
N.T.S.
2'x2' WYE INLET
STANDARD INLET FRAME
& COVER
OPENING
#4 BARS
12" O.C.E.W.
CONCRETE
BUILD UP
ELEVATION
PER PLAN
#4 BARS
12" O.C.E.W. (TYP.)
VARIES
SECTION 'E-E'
N.T.S.
BENCHMARKS
1.) "" CUT ON INLET SW CORNER OF RATLIFF AND
ADDISON ROAD.
ELEV. 637.20
2.) "" CUT ON INLET EAST SIDE OF ADDISON ROAD, 20'35/64
SOUTH OF THE SOUTHWEST CORNER OF SUBJECT TRACT.
ELEV. 637.92
635
630
625
NG @ ℄
HGL
100 YEAR WATER SURFACE
ELEVATION = 632.14
DETENTION
BASIN
21 LF 18" RCP
@ 4.76 %
Q100 = 8.16 CFS
S = 0.81 %
V = 4.49 fps
STA 1+21.21 LINE SD-2
CONNECT TO INLET
STA 1+00.00 LINE SD-2
CONSTRUCT 1 SLOPED
HEAD WALL
STA 3+93.82 LINE SD-1
CONNECT TO INLET
PISTA 3+89.46
NG @ CENTER LINE
294 LF 24" RCP @ 0.40 %
Q100 = 12.20 CFS
S = 0.40 %
V = 5.20 fps
STA 1+00.00 LINE SD-1
CONNECT TO EXIST 24" RCP
E 24"=626.80
E INV = 630.00
E INV = 629.00
E 24" = 628.00
ORIFICE FLOW = 628.00
RECORD DRAWING
THIS DRAWING HAS BEEN MODIFIED
TO REFLECT CONSTRUCTION RECORDS
PROVIDED TO THE ENGINEER
STATE OF TEXAS
BRYAN P. POWELL
94881
LICENSED
PROFESSIONAL ENGINEER
DATE
REVISION
MADE
CKD
APPD
Carter&Burgess
Carter & Burgess, Inc. 7950 Elmbrook Drive Dallas, Texas 75247-4961
(214) 638-0145 Metro (214) 263-2019 Fax (214) 638-0447
STORM DRAIN PLAN & PROFILE
ADDISON OFFICE CONDOS
SD- 1 & SD - 2
TOWN OF ADDISON, DALLAS COUNTY, TEXAS
DESIGN
DRAWN
CHECKED
SCALE
DATE
FILE
NO.
TIPTON
SPONSEL
POWELL
1" = 20' H
1" = 4' V
MARCH'06
01-6628
9 OF 17
DGN=dg:\SLD\023313011\MSGRA\313idp01.dgn - DNH-56
The seal appearing on this document was authorized by Bryan P. Powell, P.E. 94881, on March 07, 2006. Alteration of a sealed document without proper notification to the responsible engineer is an offense under the Texas Engineering Practice Act.
C&B JOB No. 023313010