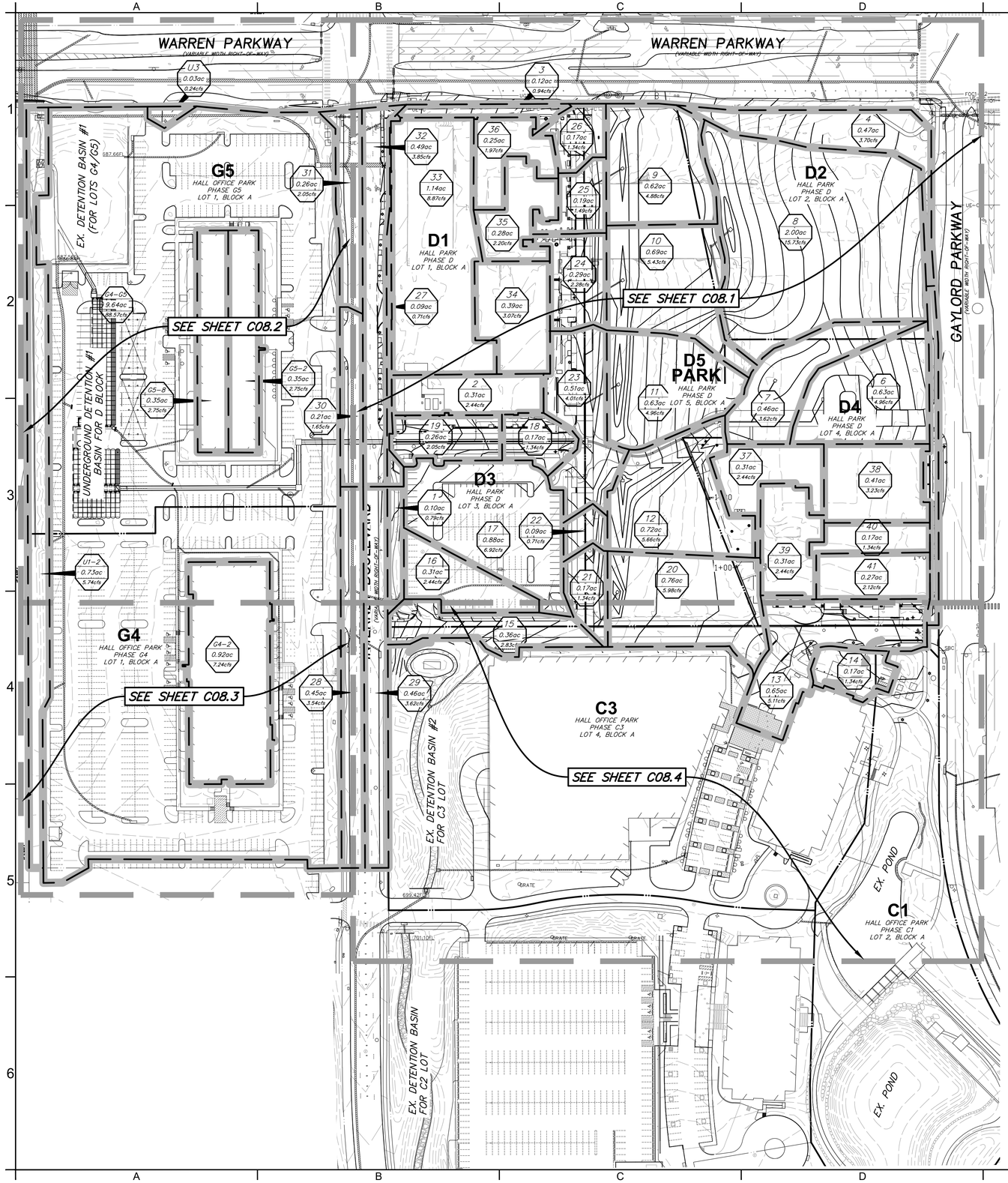


DRAINAGE CALCS (Q=CIA)					
DRAINAGE AREA	AREA (ACRES)	C	I (100)	Q (100)	REMARKS
1	0.10	0.90	8.74	0.79	BYPASS DETENTION
2	0.31	0.90	8.74	2.44	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
3	0.12	0.90	8.74	0.94	BYPASS DETENTION
4	0.47	0.90	8.74	3.70	BYPASS DETENTION
5	0.17	0.90	8.74	1.34	BYPASS DETENTION
6	0.63	0.90	8.74	4.96	DRAINAGE CONVEYED TO CURB INLET (D4-1) TO DETENTION #1
7	0.46	0.90	8.74	3.62	DRAINAGE CONVEYED TO WYE INLET (D4-2) TO DETENTION #1
8	2.00	0.90	8.74	15.73	DRAINAGE CONVEYED TO WYE INLET (D2-1) TO DETENTION #1
9	0.62	0.90	8.74	4.88	DRAINAGE CONVEYED TO WYE INLET (D5-5) TO DETENTION #1
10	0.69	0.90	8.74	5.43	DRAINAGE CONVEYED TO WYE INLET (D5-4) TO DETENTION #1
11	0.63	0.90	8.74	4.96	DRAINAGE CONVEYED TO WYE INLET (D5-3) TO DETENTION #1
12	0.72	0.90	8.74	5.66	DRAINAGE CONVEYED TO WYE INLET (D5-2) TO DETENTION #1
13	0.65	0.90	8.74	5.11	DRAINAGE CONVEYED TO CURB INLET (C3-1) TO DETENTION #2
14	0.17	0.90	8.74	1.34	DRAINAGE CONVEYED TO CURB INLET (C3-2) TO DETENTION #1
15	0.36	0.90	8.74	2.83	DRAINAGE CONVEYED TO CURB INLET (D3-3) TO DETENTION #1
16	0.31	0.90	8.74	2.44	DRAINAGE CONVEYED TO EXISTING CURB INLET (#C4) TO DETENTION #1
17	0.88	0.90	8.74	6.92	DRAINAGE CONVEYED TO CURB INLET (D3-2) TO DETENTION #1
18	0.17	0.90	8.74	1.34	DRAINAGE CONVEYED TO CURB INLET (D3-1) TO DETENTION #1
19	0.26	0.90	8.74	2.05	DRAINAGE CONVEYED TO CURB INLET (D1-1) TO DETENTION #1
20	0.76	0.90	8.74	5.98	DRAINAGE CONVEYED TO WYE INLET (D5-1) TO DETENTION #1
21	0.17	0.90	8.74	1.34	DRAINAGE CONVEYED TO TRENCH (D5-6) TO DETENTION #1
22	0.09	0.90	8.74	0.71	DRAINAGE CONVEYED TO TRENCH (D5-7) TO DETENTION #1
23	0.51	0.90	8.74	4.01	DRAINAGE CONVEYED TO TRENCH (D5-8) TO DETENTION #1
24	0.29	0.90	8.74	2.28	DRAINAGE CONVEYED TO TRENCH DRAINS (D5-9) TO DETENTION #1
25	0.19	0.90	8.74	1.49	DRAINAGE CONVEYED TO TRENCH DRAINS (D5-10) TO DETENTION #1
26	0.17	0.90	8.74	1.34	DRAINAGE CONVEYED TO TRENCH DRAIN (D1-2) TO DETENTION #1
27	0.09	0.90	8.74	0.71	BYPASS DETENTION
28	0.45	0.90	8.74	3.54	DRAINAGE CONVEYED TO EX. CURB INLET WITHIN INTERNET BLVD
29	0.46	0.90	8.74	3.62	DRAINAGE CONVEYED TO EX. CURB INLET WITHIN INTERNET BLVD
30	0.21	0.90	8.74	1.65	DRAINAGE CONVEYED TO EX. CURB INLET WITHIN INTERNET BLVD
31	0.26	0.90	8.74	2.05	DRAINAGE CONVEYED TO EX. CURB INLET WITHIN INTERNET BLVD
32	0.49	0.90	8.74	3.85	DRAINAGE CONVEYED TO EX. CURB INLET WITHIN INTERNET BLVD
33	1.14	0.90	8.74	8.97	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
34	0.39	0.90	8.74	3.07	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
35	0.28	0.90	8.74	2.20	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
36	0.25	0.90	8.74	1.97	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
37	0.31	0.90	8.74	2.44	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
38	0.41	0.90	8.74	3.23	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
39	0.31	0.90	8.74	2.44	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
40	0.17	0.90	8.74	1.34	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
41	0.27	0.90	8.74	2.12	DRAINAGE CONVEYED TO DOWNSPOUTS TO DETENTION #1
G4-2	0.92	0.90	8.74	7.24	DRAINAGE FROM G5 BUILDING ROOF CONVEYED TO DETENTION #1
G4-G5	9.64	0.90	8.74	75.83	DRAINAGE CONVEYED FROM LOTS G4/G5 TO DETENTION #1
G5-2	0.35	0.90	8.74	2.75	DRAINAGE FROM G5 BUILDING ROOF CONVEYED TO DETENTION #1
G5-8	0.35	0.90	8.74	2.75	DRAINAGE FROM G5 BUILDING ROOF CONVEYED TO DETENTION #1
U1-2	0.73	0.90	8.74	5.74	BYPASS DETENTION
U3	0.03	0.90	8.74	0.24	BYPASS DETENTION

NOTE:
1. DRAINAGE AREA MAP DELINEATED TO PORTRAY AREAS CONVEYED TO DETENTION #1 ON THE G5 LOT.
2. C VALUE PER THIS SHEET/DESIGN OF STORM SYSTEM HYDRAULICS WAS UTILIZING A FACTOR OF 0.90.
3. PER THE REPORT CARDINAL STRATEGIES PREPARED FOR THE DOWNSTREAM ASSESSMENT – ADDENDUM #1, DATED MARCH 12, 2020, A C FACTOR OF 0.84 WAS UTILIZED FOR THE OVERALL DETENTION DESIGN, WHICH SERVES AS A WEIGHTED C VALUE DUE TO THE AMOUNT OF PERVIOUS COVERAGE PROVIDED IN THE FUTURE DEVELOPMENT ON THE D BLOCK. MODIFIED RATIONAL DETENTION CALCULATIONS FROM THE REPORT HAVE BEEN PROVIDED ON SHEET C10.1.
4. UNDERGROUND DETENTION POND ON THE G5 LOT IS SIZED TO PROVIDED STORAGE FOR THE ENTIRE D BLOCK DURING A 100 YR STORM EVENT. OUTFALL OF THE EXISTING G5 DETENTION POND WILL BE MODIFIED AS DESCRIBED IN THE REPORT FROM CARDINAL STRATEGIES, AS SHOWN ON SHEET C10. REFER TO C10.1 FOR OUTFALL MODIFICATIONS FROM STRUCTURAL ENGINEER.
5. TIME OF CONCENTRATION FOR THE DEVELOPMENT IS TO BE 10 MINUTES.
6. REFER TO SHEET C10 FOR DETENTION POND.

DRAINAGE LEGEND

2 / 0.95ac / 7.59 — AREA DESIGNATION; DRAINAGE AREA IN ACRES; 100 YEAR RUN OFF RATE
DRAINAGE AREA DELINEATION
FLOW PATTERN
FLOW PATH
404 — EX. CONTOUR
404 — PROP. CONTOUR

GRAPHIC SCALE
80 0 40 80
(IN FEET)
1 inch = 80 ft.

NOTE:
UNDERGROUND DETENTION STORAGE TO CONTAIN ISOLATOR ROW TO PROVIDE WATER QUALITY FOR STORM DRAINAGE PER CITY OF FRISCO DESIGN REQUIREMENTS. IN ADDITION, THIS DESIGN WILL PROVIDE A WATER QUALITY SEPARATOR PER SHEET C10.3.

ACCORDING TO FLOOD INSURANCE RATE MAP (FIRM) MAP NO. 48085C0355K DATED 06\07\2017 PREPARED BY FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) FOR COLLIN COUNTY, TEXAS, THIS PROPERTY IS WITHIN ZONE X.

ON-SITE DETENTION LIMITING POST-DEVELOPMENT DISCHARGE TO A PRE-DEVELOPMENT RUNOFF RATE IS REQUIRED FOR ALL NEW CONSTRUCTION UNLESS A DOWNSTREAM ASSESSMENT HAS BEEN PROVIDED DEMONSTRATING THAT THE EXISTING STORM SYSTEM IS ADEQUATE TO HANDLE POST-DEVELOPMENT DISCHARGE RATES. IF REGIONAL DETENTION EXISTS FOR THIS PROJECT, PROVIDE A NOTE REFERENCING WHERE THE REGIONAL DETENTION WAS DESIGNED AND CONSTRUCTED.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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LICENSED
PROFESSIONAL ENGINEER
07/16/2021

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
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PROJECT:
SHEET TITLE: **UTLIMATE DRAINAGE AREA MAP**

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 16566

SHEET
C08.0

FILE NAME: 01 PDAM.DWG
XREF: C:\Users\dtaylor\Documents\Projects\2019\18566 Hall Park 01\ACAD\Working Files\D1 Construction Set\D1 PDAM.dwg
LAST MODIFIED BY: DEVIN TAYLOR
LAST MODIFIED ON: 6/24/2021 1:18 PM
LAST PLOTTED ON: 7/16/2021 1:43 PM

WARREN PARKWAY
(VARIABLE WIDTH RIGHT-OF-WAY)

GAYLORD PARKWAY
(VARIABLE WIDTH RIGHT-OF-WAY)

D1
HALL PARK PHASE D
LOT 1, BLOCK A
141,236 S.F.
3.24 AC

D2
HALL PARK PHASE D
LOT 2, BLOCK A
118,103 S.F.
2.71 AC

D3
HALL PARK PHASE D
LOT 3, BLOCK A
87,501 S.F.
2.01 AC

D4
HALL PARK PHASE D
LOT 4, BLOCK A
137,917 S.F.
3.17 AC

D5/PARK
HALL PARK PHASE D
LOT 5, BLOCK A
148,279 S.F.
3.40 AC

EX. 12' CI (A1)
Q_{100}=4.56 CFS
Q_{CAP}=7.5 CFS
(PER PREVIOUS ENGINEER)

EX. 8' CI (A2)
Q_{100}=2.05 CFS
Q_{CAP}=4.3 CFS
(PER PREVIOUS ENGINEER)

8' CI (A3)
Q_{100}=1.65 CFS
Q_{CAP}=5.0 CFS
(PER PREVIOUS ENGINEER)

EX. 20' CI
Q_{100}=X CFS
Q_{CAP}=X CFS
(CANNOT LOCATE EXISTING DESIGN DOCS)

EX. 10' CI
Q_{100}=9.20 CFS
Q_{CAP}=10.0 CFS
(CANNOT LOCATE EXISTING DESIGN DOCS)

EX. 12' CI (#C4)
Q_{100}=2.44 CFS
Q_{CAP}=24.00 CFS
(PER PREVIOUS ENGINEER)

EX. 33" RCP, BUILT 2000 (HALL OFFICE PARK, PH. C2, SHEET C8)

EX. 24" RCP, BUILT 2000 HALL OFFICE PARK PH. C2, SH. C8)

EX. 18" RCP, BUILT 200X (HALL OFFICE PH. C2, SH. C8)

EX. 21" RCP, BUILT 2000

DRAINAGE LEGEND

- AREA DESIGNATION (2 / 0.95ac / 7.59)
- DRAINAGE AREA IN ACRES
- 100 YEAR RUN OFF RATE
- DRAINAGE AREA DELINEATION
- FLOW PATTERN
- FLOW PATH
- 404 — EX. CONTOUR
- 404 — PROP. CONTOUR
- (1) — DOWNSPOUT NUMBER

KEYMAP
NTS

GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 ft.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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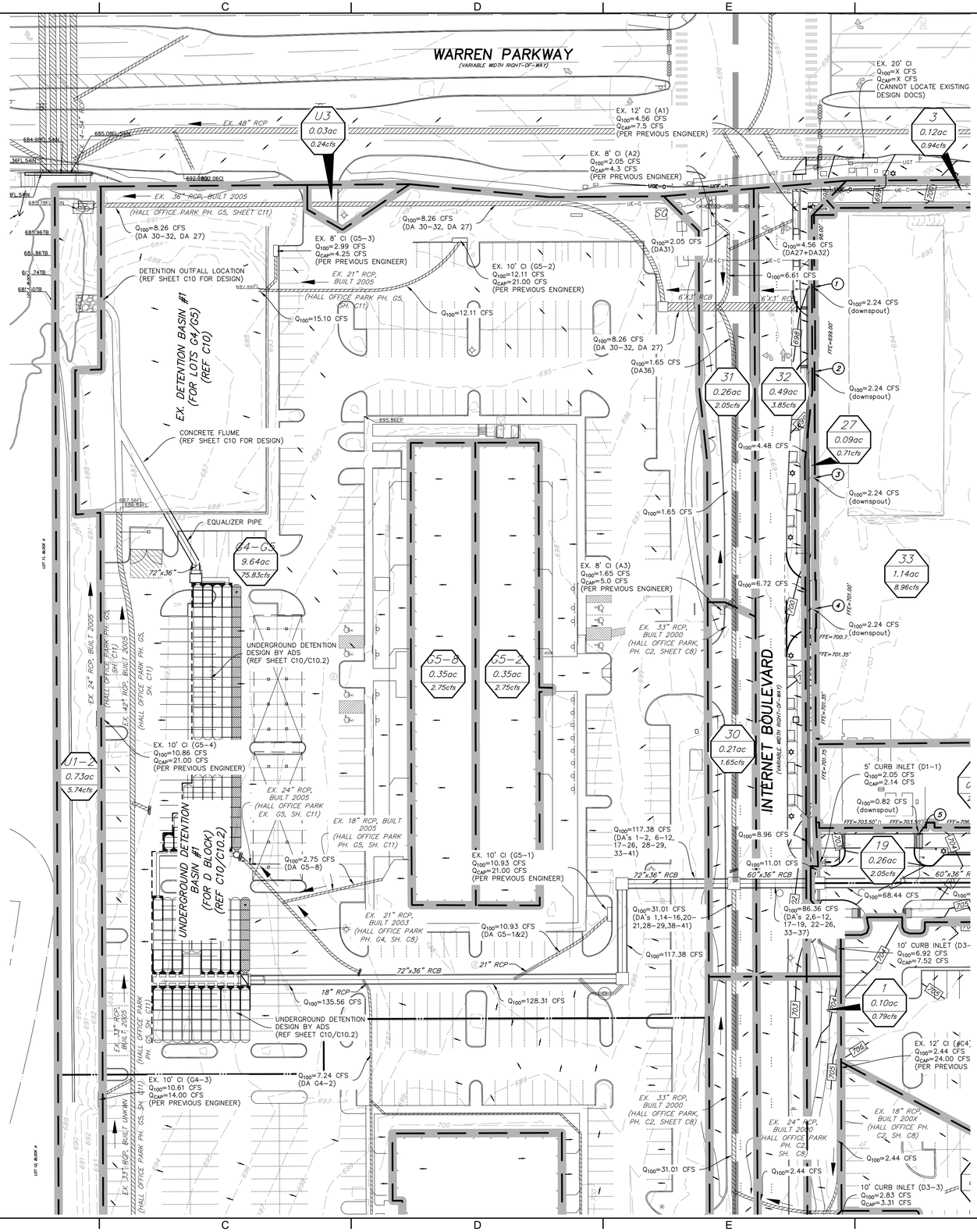
PROJECT:
HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

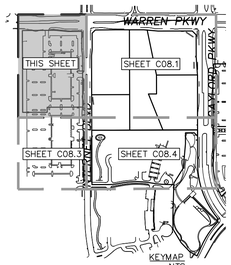
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ULTIMATE DRAINAGE AREA MAP 1

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C08.1

FILE NAME: D1 PDAM.DWG
LAST MODIFIED ON: J:\Projects\2018\18566 Hall Park D1\CAD\Working Files\D1 Construction Set\D1 PDAM.dwg
LAST MODIFIED BY: DEVERITT
LAST MODIFIED ON: 6/24/2021 1:18 PM
PLOTTED ON: 7/16/2021 4:47:44 PM





GRAPHIC SCALE

40 0 20 40

(IN FEET)
1 inch = 40 ft.

DRAINAGE LEGEND

- 2 / 0.95ac / 7.59 — AREA DESIGNATION, DRAINAGE AREA IN ACRES, 100 YEAR RUN OFF RATE
- DRAINAGE AREA DELINEATION
- FLOW PATTERN
- FLOW PATH
- 404 — EX. CONTOUR
- 404 — PROP. CONTOUR
- 1 — DOWNSPOUT NUMBER

NO.	DATE	REVISION
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CD PROGRESS PACKAGE

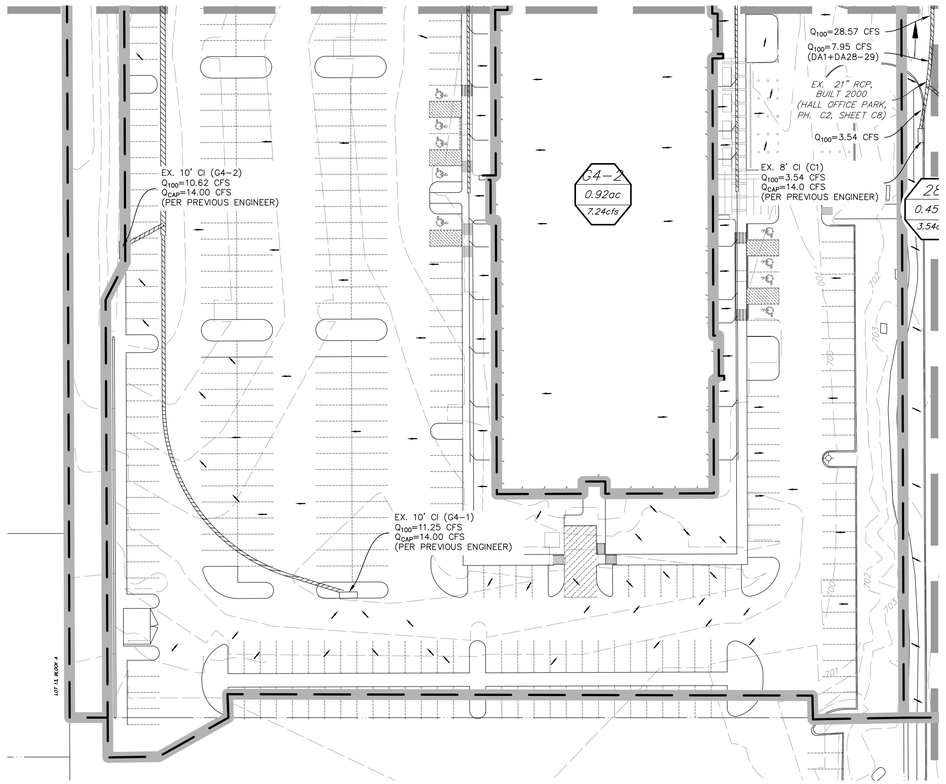
ULTIMATE DRAINAGE AREA MAP 2

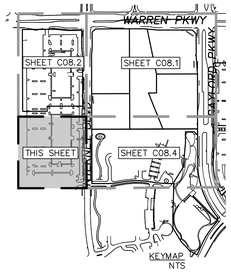
PROJECT:
SHEET TITLE:

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C08.2

FILE NAME: D1 PDAM.DWG
FILE LOCATION: C:\Users\dtaylor\Documents\2018\18566 Hall Park D1\ACAD\Working Files\D1 Construction Set\D1 PDAM.dwg
LAST MODIFIED BY: DETAYLOR
LAST MODIFIED ON: 6/24/2021 1:18 PM
PLOTTED ON: 7/16/2021 1:49 PM





KEYMAP
NTS

GRAPHIC SCALE

40 0 20 40

(IN FEET)
1 inch = 40 ft.

DRAINAGE LEGEND

- AREA DESIGNATION
- DRAINAGE AREA IN ACRES
- 100 YEAR RUN OFF RATE
- DRAINAGE AREA DELINEATION
- FLOW PATTERN
- FLOW PATH
- EX. CONTOUR
- PROP. CONTOUR
- DOWNSPOUT NUMBER

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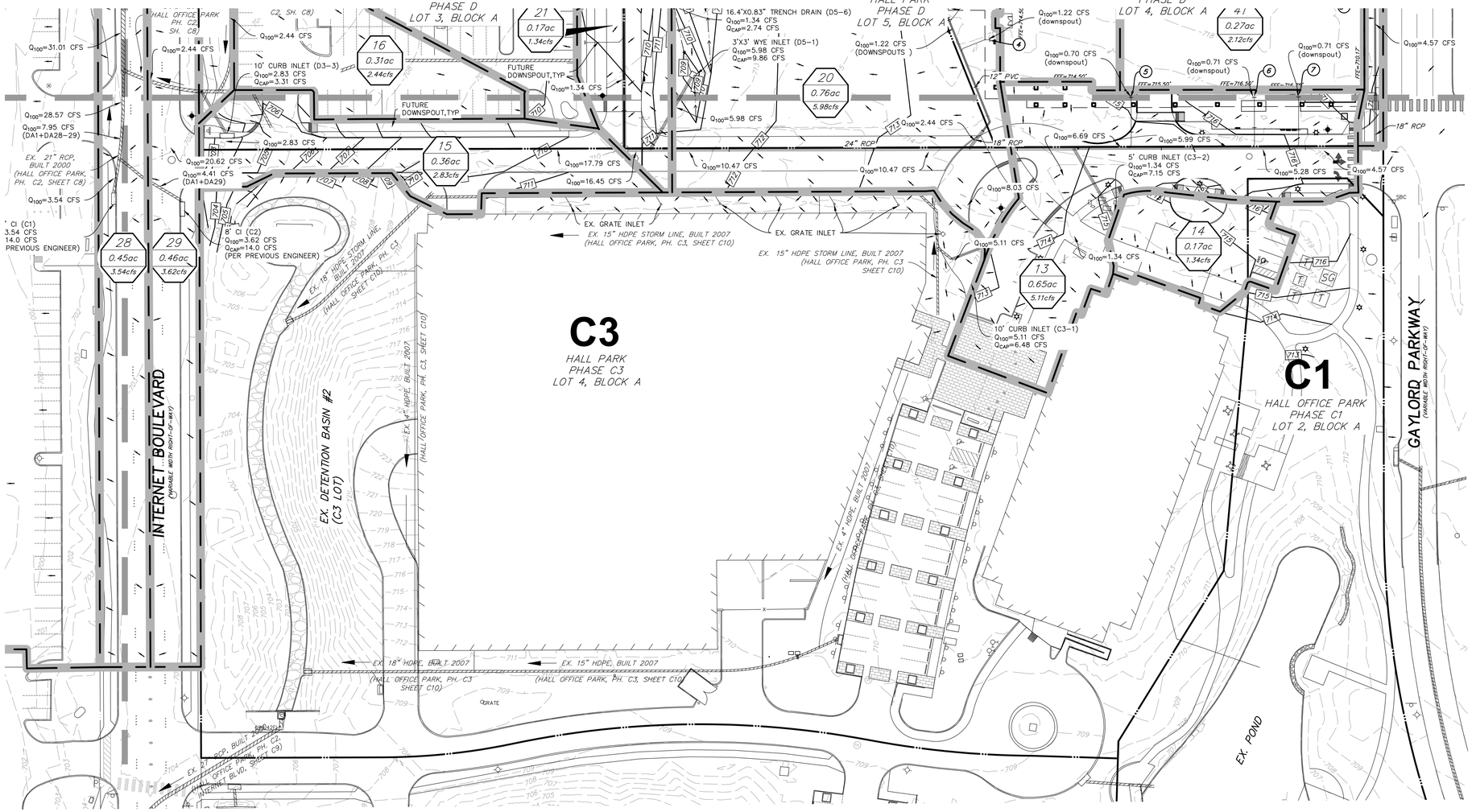
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ULTIMATE DRAINAGE AREA MAP 3

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

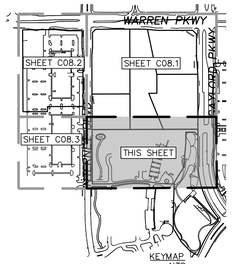
SHEET
C08.3

FILE NAME: D1 PDAM.DWG
LAST PLOTTED BY: Douglas Barrileaux
LAST MODIFIED BY: DEVTEST1
LAST MODIFIED ON: 6/24/2021 1:18 PM
LAYOUT/TAB: ULTIMATE AREA MAP



DRAINAGE LEGEND

- AREA DESIGNATION / DRAINAGE AREA IN ACRES / 100 YEAR RUN OFF RATE (2 / 0.95ac / 7.59)
- DRAINAGE AREA DELINEATION
- FLOW PATTERN
- FLOW PATH
- 404 — EX. CONTOUR
- 404 — PROP. CONTOUR
- (1) — DOWNSPOUT NUMBER



GRAPHIC SCALE

40 0 20 40

(IN FEET)
1 inch = 40 ft.

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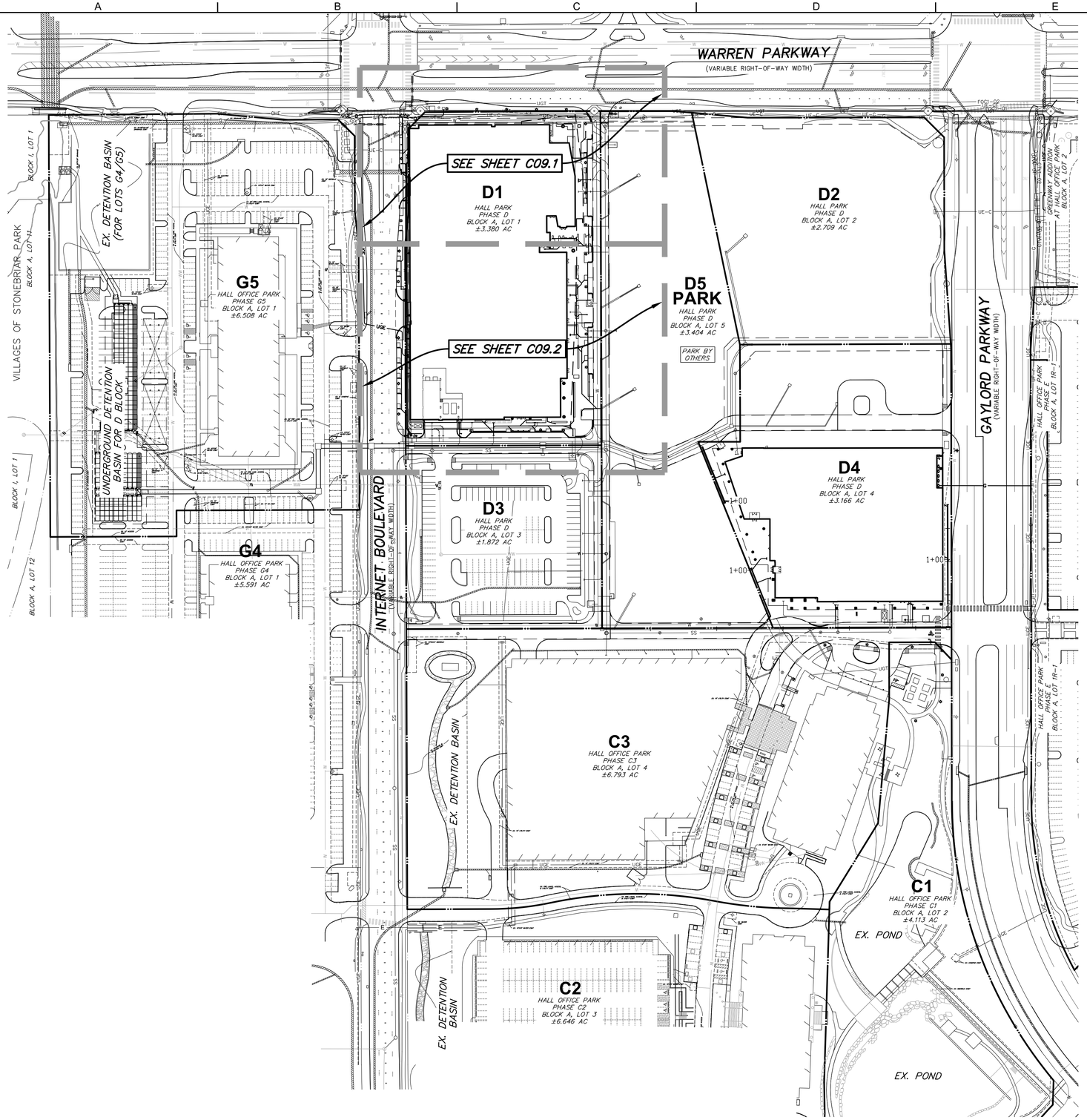
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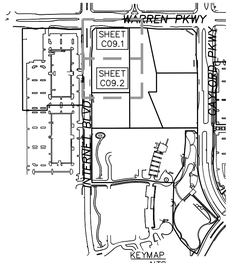
SHEET TITLE: **ULTIMATE DRAINAGE AREA MAP 4**

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18556

SHEET
C08.4

FILE NAME: D1 PDAM.DWG
XREF FILES: 18556-Topo-20181856 Hall Park D1\ACAD\Working Files\D1 Construction Set\D1 PDAM.dwg
LAST MODIFIED BY: DEVEREUX
LAST MODIFIED ON: 6/24/2021 1:18 PM
PLOTTED ON: 7/16/2021 4:49PM





GRAPHIC SCALE

80 0 40 80

(IN FEET)
1 inch = 80 ft.

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STORM SEWER NOTES:

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF FRISCO STANDARDS AND SPECIFICATIONS, AND TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS PREPARED BY THE NORTH TEXAS COUNCIL OF GOVERNMENTS, LATEST EDITION AND THE CITY OF FRISCO ADDENDUM THERETO.
2. ADEQUATE DRAINAGE DURING CONSTRUCTION SHALL BE PROVIDED & MAINTAINED TO CONTROL SURFACE RUNOFF.
3. PRECAST STRUCTURES MAY BE USED AT CONTRACTOR'S OPTION.
4. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING STORM SEWER STRUCTURES, PIPES, AND ALL UTILITIES PRIOR TO CONSTRUCTION.
5. EXISTING PIPES TO BE CLEANED OUT TO REMOVE ALL SILT AND DEBRIS.
6. ALL STORM PIPE ENTERING STRUCTURES SHALL BE GROUTED TO ASSURE CONNECTION AT STRUCTURE IS WATERTIGHT.
7. ALL STORM SEWER MANHOLES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT, AND SHALL HAVE TRAFFIC BEARING RING AND COVERS. LIDS SHALL BE LABELED "STORM SEWER."
8. ALL PIPES AND STRUCTURES IN STREET RIGHT-OF-WAY, OR EASEMENTS SHALL BE PER THE CITY OF FRISCO STANDARDS AND SPECIFICATIONS.
9. THE CONTRACTOR SHALL ADHERE TO ALL TERMS AND CONDITIONS AS OUTLINED IN THE EPA OR THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM GENERAL PERMIT NO. TXR 150000 FOR STORM WATER DISCHARGE ASSOCIATED WITH CONSTRUCTION ACTIVITIES FOR THE PROJECT.
10. ALL STORM STRUCTURES SHALL HAVE A SMOOTH, UNIFORM, POURED MORTAR INVERT FROM INVERT-IN TO INVERT-OUT.
11. CONTRACTOR IS RESPONSIBLE FOR REPAIRS OF DAMAGE TO ANY EXISTING IMPROVEMENTS DURING CONSTRUCTION, SUCH AS, BUT NOT LIMITED TO, DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC. REPAIRS SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITIONS.
12. REFER TO LANDSCAPE PLANS FOR ALL AREA DRAINS WITHIN COURTYARDS/DOG RUNS/LANDSCAPE AREAS FOR SPECIFICATIONS & ELEVATIONS.
13. ALL STORM LATERALS SHALL BE SLOPED AT 1% MIN, UNLESS OTHERWISE NOTED WITHIN THE STORM SEWER PLANS/PROFILES.
14. ADD RISERS TO STORM INLETS AS NEEDED TO ACHIEVE FINAL GRADE.
15. ALL STORM DRAIN LINES MUST BE VIDEOED BY THE CONTRACTOR AFTER THE PAVING WORK ABOVE THE PIPE IS COMPLETE. PLEASE CONFIRM THAT THERE IS ADEQUATE ACCESS.

NOTE:

CONTRACTOR HAS THE OPTION TO UTILIZE REINFORCED CONCRETE BOX (RCB), REINFORCED CONCRETE PIPE (RCP), CORRUGATED POLYPROPYLENE PIPE (CPP), AND POLYVINYL CHLORIDE PIPE (PVC) THROUGHOUT THE DEVELOPMENT.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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07/16/2021

PROJECT:

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FRISCO, COLLIN COUNTY, TEXAS
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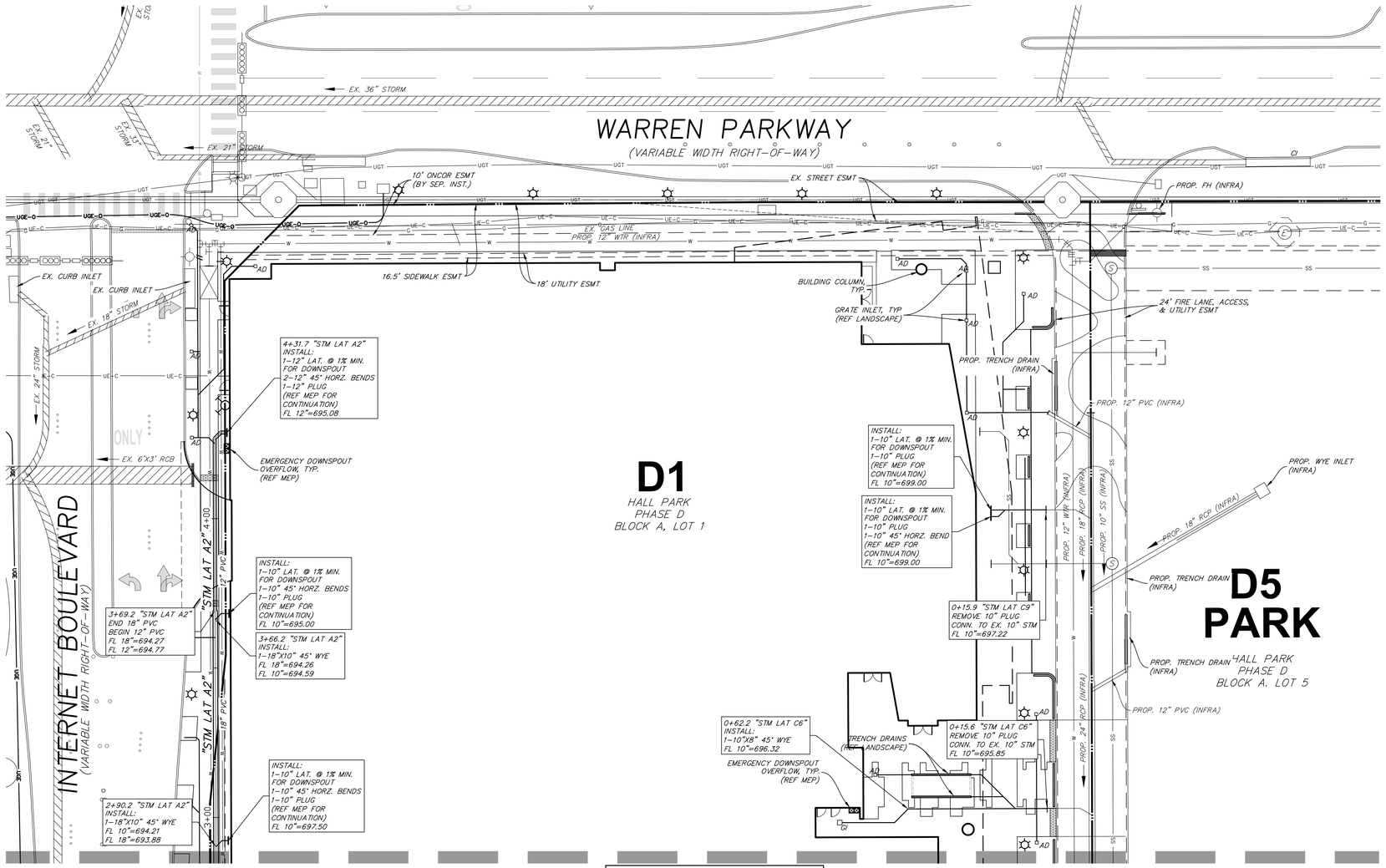
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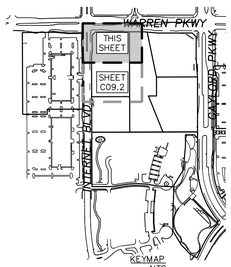
OVERALL STORM PLAN

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C09.0

FILE NAME: D1 STORM.DWG
LAST MODIFIED BY: DEVIN TATE
LAST MODIFIED ON: 7/8/2021 3:40 PM
PLOT FROM: 7/9/2021 4:40 PM





DIAL 811 OR CALL 1-800-245-4545 BEFORE YOU DIG

TOCS
1-800-245-4545
txticket@1-call.com

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

NOTES:
REFER TO SHEET C09.0 FOR STORM DRAINAGE NOTES

DRAINAGE LEGEND

- PROTY LINE
- EX. STORM
- EX. STORM
- PR. STORM
- G — EX. GAS LINE
- OHE — EX. OVERHEAD ELECTRIC
- UGE — EX. UNDERGROUND ELECTRIC
- W — EX. WATER
- SS — EX. SANITARY SEWER
- W — EX. WATER LINE
- SS — EX. SANITARY SEWER LINE
- LIMITS OF WATER FEATURE

- WI — PROP. WYE INLET (INFRA)
- GI — PR. GRATE INLET
- AD — PR. AREA DRAIN (REF LANDSCAPE)
- CI — PROP. CURB INLET (INFRA)
- JB — PROP. JUNCTION BOX (INFRA)
- S — EX. SSMH
- S — PROP. SSMH (INFRA)
- EX. WATER METER
- WATER METER
- PR. WATER VAULT (REF C11 SHEETS)
- PROP. FIRE HYDRANT (INFRA)
- (INFRA) — TO BE CONSTRUCTED WITH CITY APPROVED INFRASTRUCTURE CONSTRUCTION SET

NOTE:
CONTRACTOR HAS THE OPTION TO UTILIZE REINFORCED CONCRETE BOX (RCB), REINFORCED CONCRETE PIPE (RCP), CORRUGATED POLYPROPYLENE PIPE (CPP), AND POLYVINYL CHLORIDE PIPE (PVC) THROUGHOUT THE DEVELOPMENT.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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URBAN STRUCTURE
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STATE OF TEXAS
DOUGLAS E. BARRILEAUX
97518
LICENSED
PROFESSIONAL ENGINEER
07/16/2021

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

STORM PLAN 1

PROJECT:
SHEET TITLE:
CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C09.1

FILE NAME: D1 STORM.DWG
LAST MODIFIED BY: DEWYATT
LAST MODIFIED ON: 7/9/2021 3:40 PM
PLOTTED ON: 7/9/2021 3:41 PM

MATCH LINE SEE SHEET C09.1

D1
HALL PARK
PHASE D
BLOCK A, LOT 1

D5 PARK
HALL PARK
PHASE D
BLOCK A, LOT 5

INTERNET BOULEVARD
(VARIABLE WIDTH RIGHT-OF-WAY)

"STM LAT A2"
18" PVC

SIDEWALK ESMT

1+99.4 "STM LAT A2"
END 21" PVC
BEGIN 18" PVC
FL 21"=693.17
FL 18"=693.42

INSTALL:
1-12" LAT. @ 1% MIN.
FOR DOWNSPOUT
1-12" 45° HORZ. BENDS
1-12" PLUG
(REF. MEP FOR
CONTINUATION)
FL 12"=697.25

1+96.4 "STM LAT A2"
INSTALL:
1-21"X12" 45° WYE
FL 12"=693.53
FL 21"=693.16

"STM LAT A2"
21" PVC

1+00

0+28.7 "STM LAT A2"
INSTALL:
1-18" 30° HORZ. BEND
FL 21"=692.32

PROP. FH (INFRA)

0+13.5 "STM LAT A2"
CONN. TO EX. CURB INLET
TOP=702.60
FL 21"=692.24

PROP. CURB INLET
(INFRA)

0+35.3 "STM LAT A3"
INSTALL:
1-8" LAT. FOR
DOWNSPOUT @ 1% MIN.
1-8" PLUG
(REF MEP FOR
CONTINUATION)
FL 8"=697.40

EMERGENCY DOWNSPOUT
OVERFLOW, TYP.
(REF MEP)

0+35.2 "STM LAT A4"
INSTALL:
1-8" LAT. FOR
DOWNSPOUT @ 1% MIN.
1-8" PLUG
(REF MEP FOR
CONTINUATION)
FL 8"=697.21

"STM LAT A3"
8" PVC

0+15.8 "STM LAT A3"
REMOVE 8" PLUG
CONN. TO EX. 8" STM
FL 8"=694.93

0+28.1 "STM LAT A4"=
0+00.0 "STM LAT A4.1"
INSTALL:
1-8"X8" 45° WYE
FL 8"=696.40
FL 8"=696.40

0+15.8 "STM LAT A4"
REMOVE 8" PLUG
CONN. TO EX. STM
FL 8"=695.00

0+03.1 "STM LAT A4.1"
INSTALL:
1-8" 45° HORZ. BEND
FL 8"=696.51

"STM LAT A4.1"
8" PVC

"STM LAT A4"
8" PVC

0+67.1 "STM LAT A4.1"
INSTALL:
1-8" LAT @ 1% MIN.
FOR DOWNSPOUT
2-8" 45° HORZ. BENDS
1-8" PLUG
(REF MEP FOR
CONTINUATION)

24' FIRE LANE, ACCESS
& UTILITY ESMT

PROP. 6'x3' RCB (INFRA)

PROP. 15" SS (INFRA)

PROP. 12" WTR (INFRA)

PROP. CURB INLET
(INFRA)

PROP. FH (INFRA)

0+68.9 "STM LAT C3.1"
INSTALL:
1-10" LAT. @ 1% MIN.
FOR DOWNSPOUT
1-10" PLUG
2-10" 45° HORZ. BENDS
(REF MEP FOR
CONTINUATION)
FL 10"=697.16

"STM LAT C3.1"
10" PVC

0+02.8 "STM LAT C3.1"
INSTALL:
1-10" 45° HORZ. BEND
FL 10"=696.49

0+48.7 "STM LAT C3"
INSTALL:
1-10" LAT. @ 1% MIN.
FOR DOWNSPOUT
1-10" PLUG
(REF. MEP FOR
CONTINUATION)
FL 10"=696.96

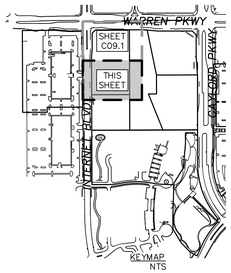
"STM LAT C3"
10" PVC

0+37.2 "STM LAT C3"=
0+00.0 "STM LAT C3.1"
INSTALL:
1-10"X10" 45° HORZ. WYE
FL 10"=696.47
FL 10"=696.47

0+32.3 "STM LAT C3"
INSTALL:
1-10" 45° HORZ. BEND
FL 10"=696.26

0+15.9 "STM LAT C3"
REMOVE 10" PLUG
CONN. TO EX. 10" STM
FL 10"=695.56

PROP. 12" WTR (INFRA)
PROP. 24" RCP (INFRA)
PROP. 10" SS (INFRA)
PROP. 12" PVC (INFRA)
PROP. TRENCH DRAIN (INFRA)
PROP. WYE INLET (INFRA)
PROP. 12" PVC (INFRA)
PROP. 18" RCP (INFRA)
WATER ESMT
PROP. FH (INFRA)
PROP. 2'7" RCP (INFRA)
PROP. 12" PVC (INFRA)
PROP. TRENCH DRAIN (INFRA)
PROP. 12" PVC (INFRA)
PROP. WYE INLET (INFRA)
PROP. 18" RCP (INFRA)



NOTES:
REFER TO SHEET C09.0 FOR STORM DRAINAGE NOTES

DRAINAGE LEGEND

- PROTY LINE
- EX. STORM
- EX. STORM
- PR. STORM
- G — EX. GAS LINE
- OHE — EX. OVERHEAD ELECTRIC
- UGE — EX. UNDERGROUND ELECTRIC
- W — EX. WATER
- SS — EX. SANITARY SEWER
- W — EX. WATER LINE
- SS — EX. SANITARY SEWER LINE
- LIMITS OF WATER FEATURE

- WI — PROP. WYE INLET (INFRA)
- GI — PR. GRATE INLET
- AD — PR. AREA DRAIN (REF LANDSCAPE)
- CI — PROP. CURB INLET (INFRA)
- JB — PROP. JUNCTION BOX (INFRA)
- S — EX. SSMH
- S — PROP. SSMH (INFRA)
- EX. WATER METER
- WATER METER
- PR. WATER VAULT (REF C11 SHEETS)
- PROP. FIRE HYDRANT (INFRA)
- (INFRA) — TO BE CONSTRUCTED WITH CITY APPROVED INFRASTRUCTURE CONSTRUCTION SET

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

NOTE:
CONTRACTOR HAS THE OPTION TO UTILIZE REINFORCED CONCRETE BOX (RCB), REINFORCED CONCRETE PIPE (RCP), CORRUGATED POLYPROPYLENE PIPE (CPP), AND POLYVINYL CHLORIDE PIPE (PVC) THROUGHOUT THE DEVELOPMENT.

TOCS
1-800-245-4545
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NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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STATE OF TEXAS
DOUGLAS E. BARRILLEAUX
97518
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PROFESSIONAL ENGINEER
07/16/2021

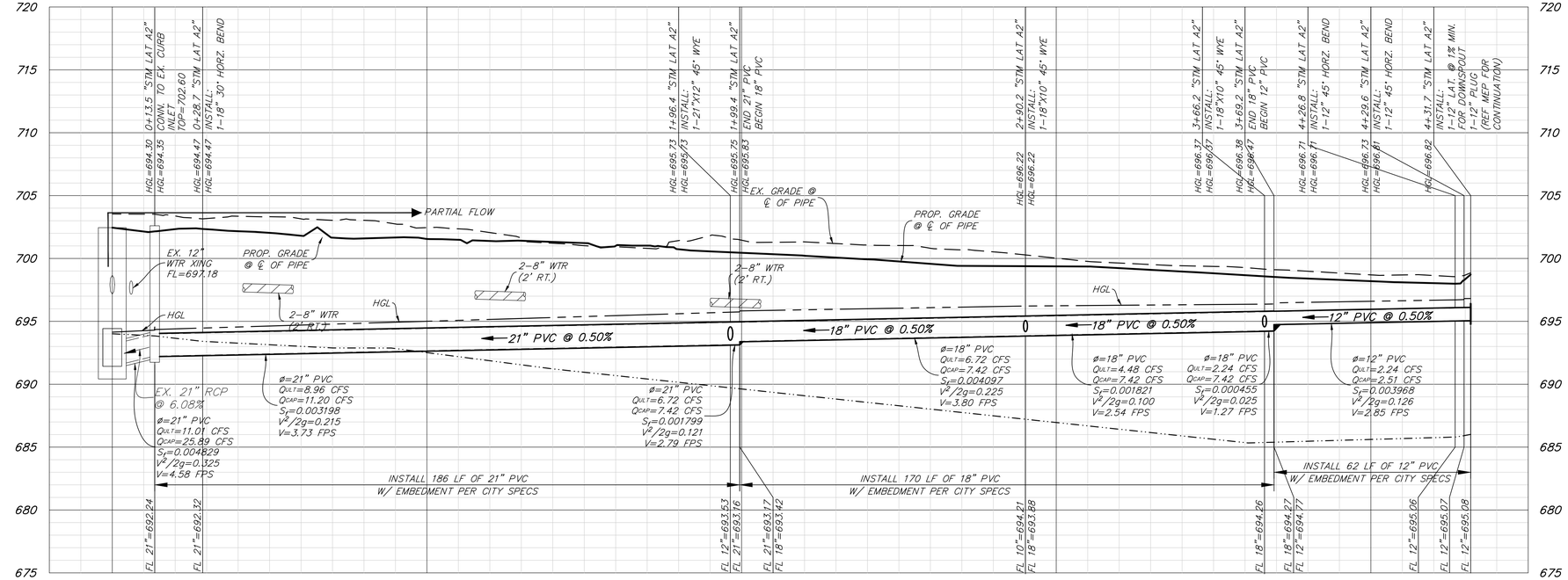
PROJECT:
HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

SHEET TITLE:
STORM PLAN 2

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

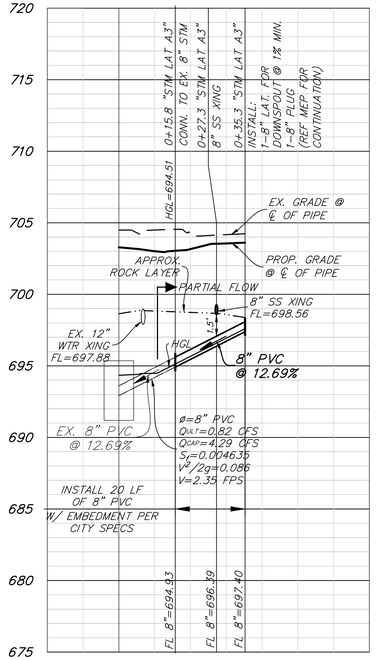
SHEET
C09.2

FILE NAME: 01 STORM.DWG
FILE LOCATION: C:\Users\dtaylor\Documents\20181 18566 Hall Park 01\ACAD\Working Files\01 Construction Set\01 STORM.dwg
LAST MODIFIED BY: DTAYLOR
LAST MODIFIED ON: 7/9/2021 3:40 PM
PLOTTED ON: 7/15/2021 4:10PM



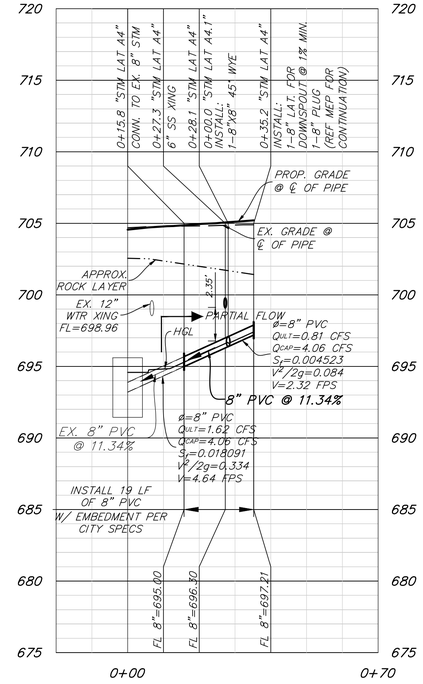
STM LAT A2

H: 1"=20'
V: 1"=5'



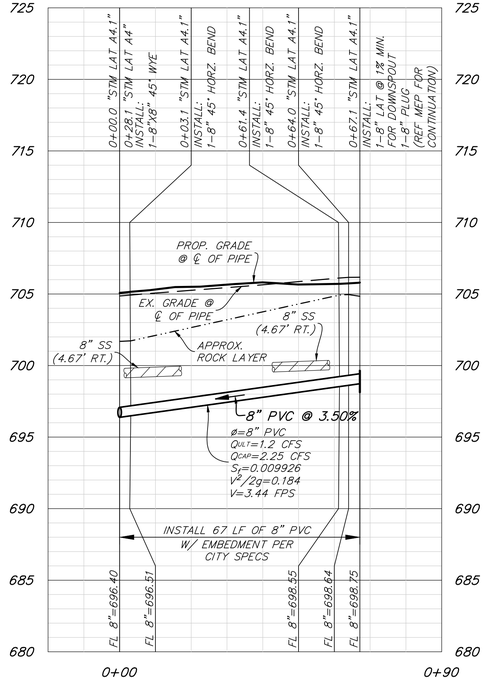
STM LAT A3

H: 1"=20'
V: 1"=5'



STM LAT A4

H: 1"=20'
V: 1"=5'



STM LAT A4.1

H: 1"=20'
V: 1"=5'

NOTE:

CONTRACTOR HAS THE OPTION TO UTILIZE REINFORCED CONCRETE PIPE (RCP), HP STORM POLYPROPYLENE PIPE (PP), HDPE, AND POLYVINYL CHLORIDE PIPE (PVC) THROUGHOUT THE DEVELOPMENT.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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STATE OF TEXAS
DOUGLAS E. BARILLEAUX
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07/16/2021

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

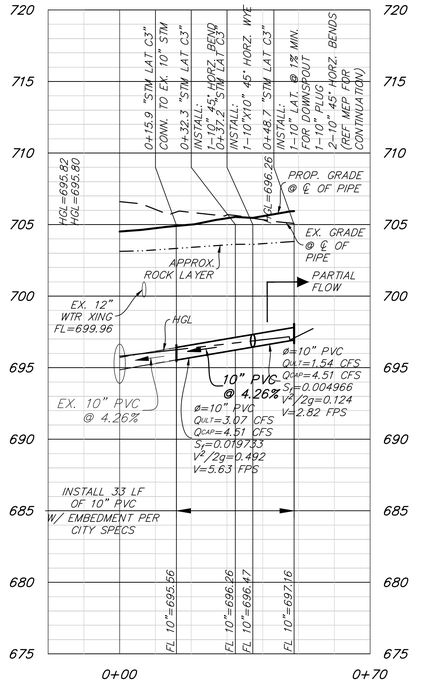
STORM LATERALS A2, A3-A4.1

PROJECT:
SHEET TITLE:

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

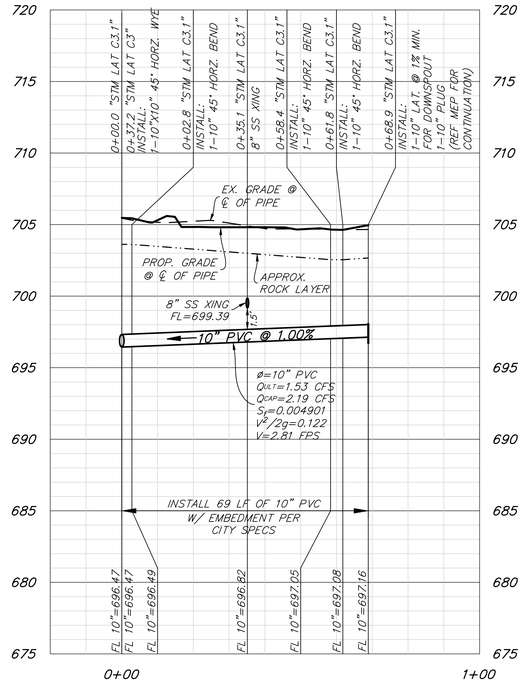
SHEET
C09.3

FILE NAME: D1 STORM PROFS.DWG
FILE LOCATION: C:\Users\dtaylor\Documents\20181856 Hall Park D1\ACADWorking Files\D1 Construction Set\D1 STORM PROFS.dwg
LAST MODIFIED BY: DEVIN TAYLOR
LAST MODIFIED ON: 6/27/2021 5:18 PM
PLOTTED ON: 7/16/2021 4:41 PM



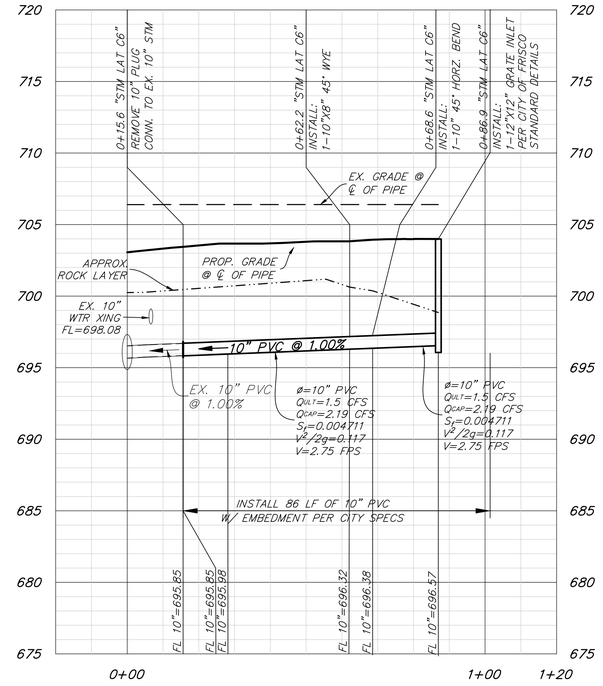
STM LAT C3

H: 1"=20'
V: 1"=5'



STM LAT C3.1

H: 1"=20'
V: 1"=5'



STM LAT C6

H: 1"=20'
V: 1"=5'

NOTE:

CONTRACTOR HAS THE OPTION TO UTILIZE REINFORCED CONCRETE PIPE (RCP), HP STORM POLYPROPYLENE PIPE (PP), HDPE, AND POLYVINYL CHLORIDE PIPE (PVC) THROUGHOUT THE DEVELOPMENT.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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Dallas, Texas 75231
Firm Registration #F-3195
www.urbanstruct.com

STATE OF TEXAS
DOUGLAS E. BARILLEAUX
97518
LICENSED
PROFESSIONAL ENGINEER
07/16/2021

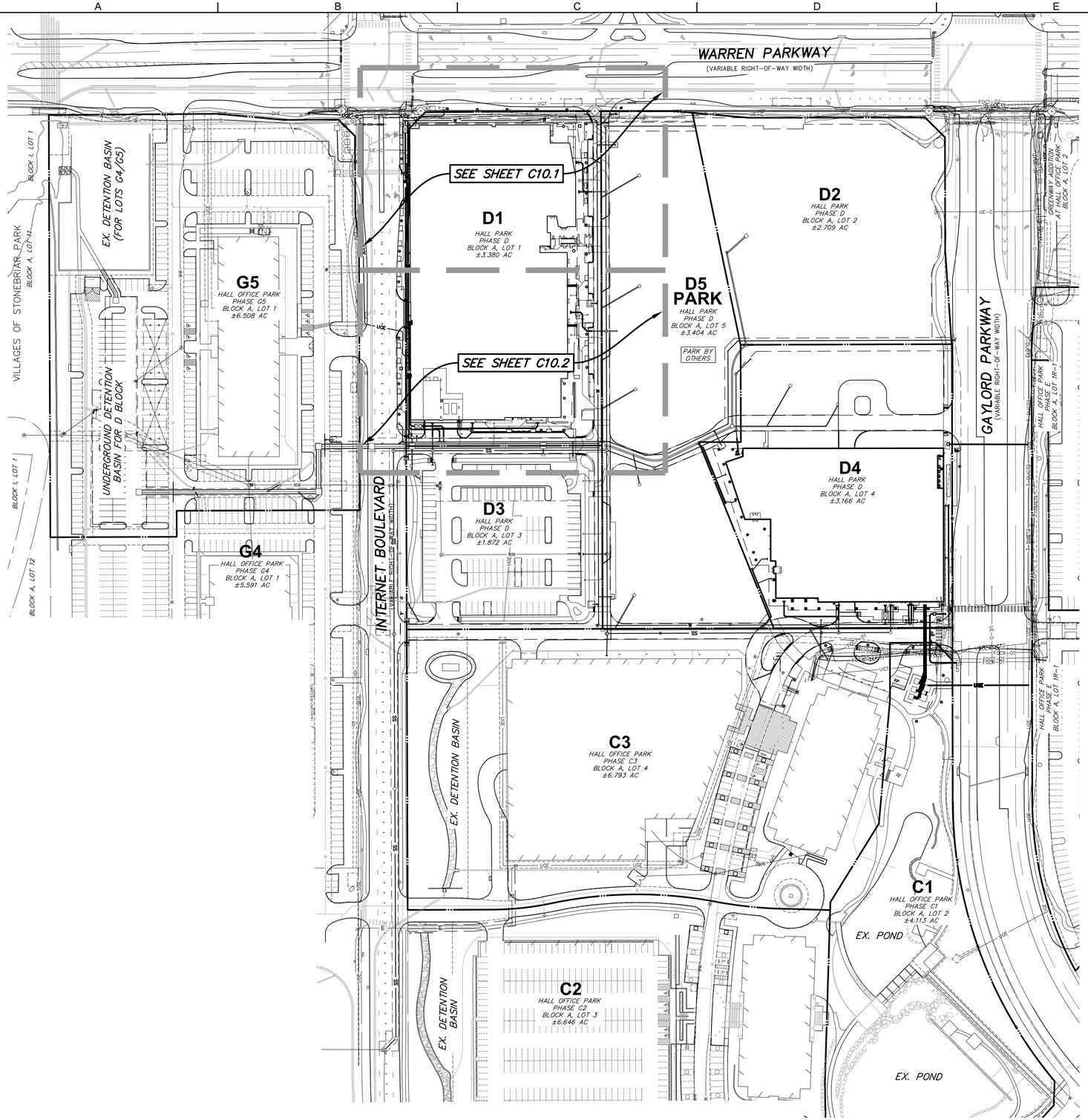
HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

STORM LATERALS C3, C3.1, & C6

PROJECT:
SHEET TITLE:
CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C09.4

FILE NAME: D1 STORM PROFS.DWG
FILE LOCATION: J:\2018\18566 Hall Park D1\ACAD\Working Files\D1 Construction Set\D1 STORM PROFS.dwg
LAST MODIFIED BY: DEVERETT
LAST MODIFIED ON: 6/27/2023 3:18 PM
PLOTTED ON: 7/6/2023 4:41 PM



UTILITY LEGEND

PROTY LINE	PROP. FIRE HYDRANT (INFR
EX. GAS LINE	CUT & PLUG
EX. OVERHEAD ELECTRIC	
EX. UNDERGROUND ELECTRIC	PROP. WYE INLET (INFRA)
EX. WATER	PR. AREA DRAIN (REF LANI
EX. SANITARY SEWER	PR. GRATE INLET (REF STO
PR. SANITARY SEWER	PR. CURB INLET (INFRA)
PR. WATER	PROP. JUNCTION BOX (INFR
EX. STORM	SIDEWALK
PR. STORM	BARRIER FREE RAMP
PR. GAS/TELEPHONE	EX. LIGHT POLE
PR. UNDERGROUND ELECTRIC	PR. LIGHT POLE
LIMITS OF WATER FEATURE	PR. WATER METER
EX. SSMH	PR. WATER METER VAULT
PROP. SSMH (INFRA)	PR. FDC

GRAPHIC SCALE

80 0 40 80

(IN FEET)
1 inch = 80 ft.

TOCS
1-800-245-4545
txticket@1-call.com

WATER METER SCHEDULE

I.D.	TYPE	SIZE	NO.
A	DOMESTIC	8"	1
B	DOMESTIC	8"	1
C	IRRIGATON	2"	1

UTILITY NOTES:

1. REFER TO LANDSCAPE PLANS FOR HARDSCAPE IMPROVEMENTS AND IRRIGATION SLEEVES CROSSING PAVED AREAS.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE CITY OF FRISCO STANDARDS AND SPECIFICATIONS, AND TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION FOR NORTH CENTRAL TEXAS PREPARED BY THE NORTH TEXAS COUNCIL OF GOVERNMENTS, LATEST EDITION.
3. ALL WATER MAINS SHALL BE AWWA C-900 DR-18 PVC WATER PIPE.
4. ALL 6" THROUGH 15" WASTEWATER MAINS WHERE PVC PIPE IS USED SHALL BE ASTM 3034 (SDR-26), UNLESS OTHERWISE SPECIFIED.
5. THE MAXIMUM ALLOWABLE TRENCH WIDTH FOR ALL PIPE THROUGH 12" DIAMETER SHALL BE 32".
6. ALL FILL MATERIAL IS TO BE IN PLACE, AND COMPACTED TO 95% COMPACTION WITH A MOISTURE CONTENT OF +3% OR HIGHER BEFORE INSTALLATION OF PROPOSED UTILITIES.
7. CONTRACTOR SHALL NOTIFY THE UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE CONNECTING TO ANY EXISTING LINE.
8. PRIVATE WATER LINES SHALL BE AS FOLLOWS:
   6" AND LARGER, PVC C-900 PER ASTM D 2241 CLASS 200
   6" AND LARGER DUCTILE IRON PIPE PER AWWA C150
   SMALLER THAN 6" EITHER COPPER TUBE TYPE "L" (SOFT) PER ANSI 816.22 OR PVC, 200 P.S.I., PER ASTM D1784 AND D2241.
9. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH MEGA-LUGS OR APPROVED EQUIVALENT WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS.
10. ALL UTILITIES SHOULD BE KEPT TEN (10') APART (PARALLEL) OR WHEN CROSSING 18" VERTICAL CLEARANCE (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE). PROVIDE CEMENT STABILIZED SOIL AT CROSSING LOCATIONS.
11. CONTRACTOR SHALL MAINTAIN A MINIMUM OF 2'-5" COVER ON ALL WATERLINES ON PROPERTY AND A MINIMUM OF 4'-0" COVER IN PUBLIC R/W.
12. IN THE EVENT OF A VERTICAL CONFLICT BETWEEN WATER LINES, SANITARY LINES, STORM LINES AND GAS LINES (EXISTING AND PROPOSED), THE SANITARY LINE SHALL BE DUCTILE IRON PIPE WITH MECHANICAL JOINTS AT LEAST 10 FEET ON BOTH SIDES OF CROSSING, THE WATER LINE SHALL HAVE MECHANICAL JOINTS WITH APPROPRIATE THRUST BLOCKING AS REQUIRED TO PROVIDE A MINIMUM OF 18" CLEARANCE. MEETING REQUIREMENTS OF ANSI A21.10 OR ANSI 21.11 (AWWA C-151) (CLASS 50). PROVIDE CEMENT STABILIZED SOIL AT CROSSING LOCATIONS.
13. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED AND APPROVED BEFORE BACKFILLING.
14. ALL CONCRETE FOR ENCASEMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
15. EXISTING UTILITIES SHALL BE VERIFIED IN FIELD PRIOR TO INSTALLATION OF ANY NEW LINES.
16. REFER TO INTERIOR PLUMBING DRAWINGS FOR TIE-IN OF ALL UTILITIES.
17. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANIES AT LEAST 72 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
18. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES. THIS AND THE FINAL CONNECTIONS OF THE SERVICE SHALL BE COMPLETED 30 DAYS PRIOR TO STORE POSSESSION.
19. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS AND SPECIFICATIONS.
20. REFER TO BUILDING PLANS FOR SITE LIGHTING ELECTRICAL PLAN.
21. CONTRACTOR TO ADJUST ALL APPURTENANCES TO THEIR FINAL GRADE.
22. FIRE WATER LINE TO HAVE RPZ LOCATED INSIDE RISER ROOM/WATER CLOSET.
23. PROPOSED PLUMBING SHOWN ON PRIVATE PROPERTY IS NOT REVIEWED AND/OR APPROVED WITH THIS SITE PLAN SUBMITTAL. ALL PLUMBING ON PRIVATE PROPERTY WILL BE REVIEWED AND APPROVED DURING THE BUILDING PERMIT REVIEW.
24. REFER TO MEP PLANS FOR LOCATION AND SPECIFICATIONS OF RPZ, WHICH IS TO BE LOCATED INSIDE THE BUILDING.
25. FRANCHISE UTILITIES SHOULD BE 4' LATERALLY FROM CITY WET UTILITIES. CROSSING SHOULD BE AT 90 DEGREES AND WHEN THE CITY UTILITY IS LESS THAN 8' DEEP, AT LEAST 18" BELOW THE CITY UTILITY. DISTANCES INCLUDE MAINS, LATERALS, SERVICES, AND LEADS.

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

TEL: 214.295.5775
URBAN STRUCTURE
8140 Walnut Hill Lane, Suite 905
Dallas, Texas 75231
Firm Registration #F-3165
www.urbanstruct.com

STATE OF TEXAS
DOUGLAS E. BARILLEAUX
97518
LICENSED
PROFESSIONAL ENGINEER
07/16/2021

PROJECT:

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

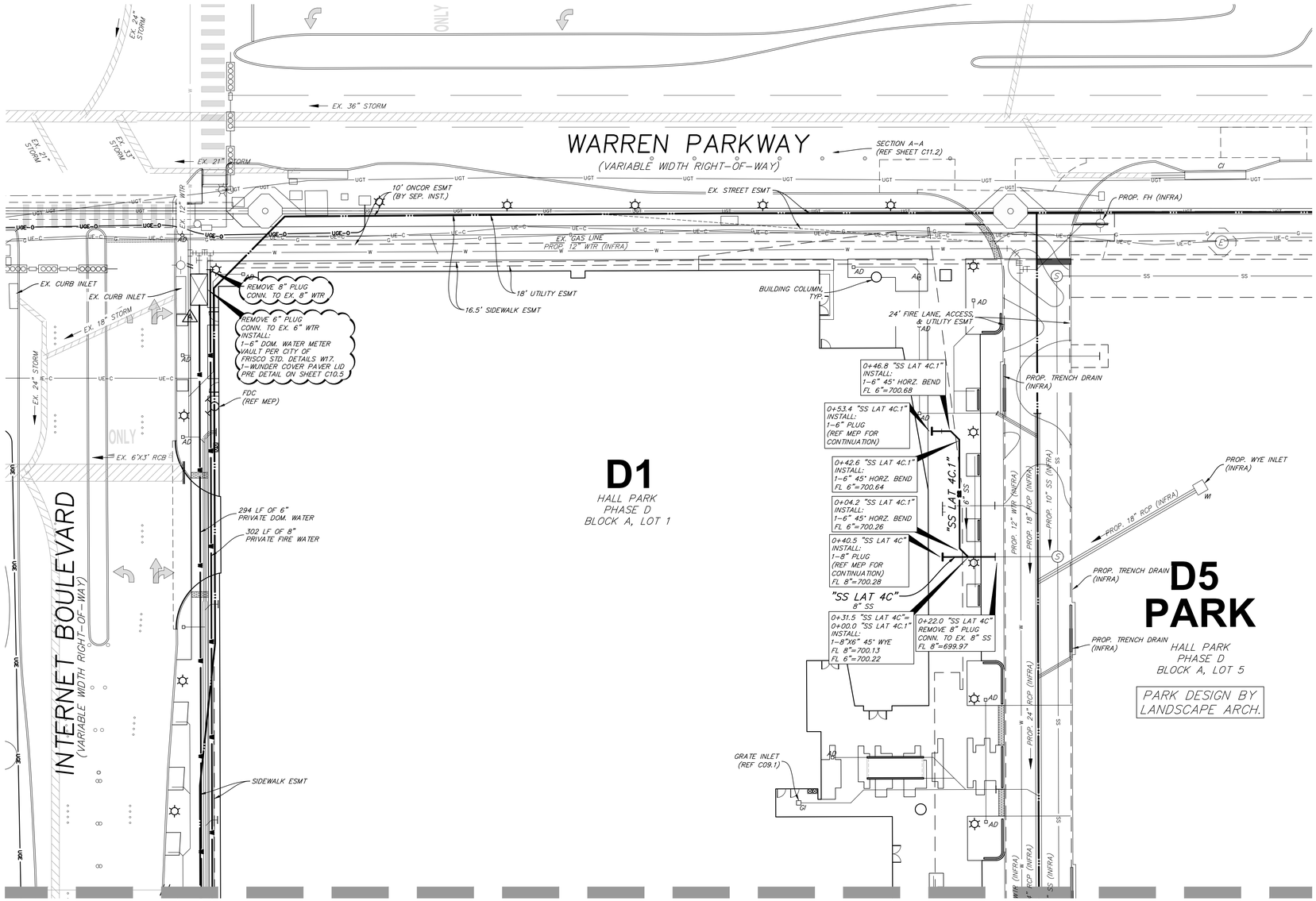
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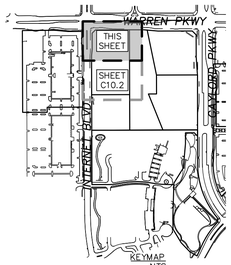
OVERALL WATER & SANITARY SEWER PLAN

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C10.0

FILE NAME: D1 WATER.DWG
PLOTTED BY: Urban Structure
LAST MODIFIED BY: DTE
LAST MODIFIED ON: 7/8/2021 3:27 PM
PLOTTED ON: 7/16/2021 1:45 PM





DALLAS 1(800) DIGGERS TEXAS 811

TOCS
1-800-245-4545
txticket@1-call.com

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

NOTES:
REFER TO SHEET C10.0 FOR WATER & SANITARY SEWER NOTES

UTILITY LEGEND

PROTY LINE	PROP. FIRE HYDRANT (INFRA)
EX. GAS LINE	CUT & PLUG
EX. OVERHEAD ELECTRIC	PROP. WYE INLET (INFRA)
EX. UNDERGROUND ELECTRIC	PR. AREA DRAIN (REF LANDSCAPE)
EX. WATER	PR. GRATE INLET (REF STORM)
EX. SANITARY SEWER	PROP. CURB INLET (INFRA)
PR. SANITARY SEWER	PROP. JUNCTION BOX (INFRA)
PR. WATER	SIDEWALK
EX. STORM	BARRIER FREE RAMP
PR. STORM	EX. LIGHT POLE
PR. GAS/TELEPHONE	PR. LIGHT POLE
PR. UNDERGROUND ELECTRIC	PR. WATER METER
LIMITS OF WATER FEATURE	PR. WATER METER VAULT
EX. SSMH	PR. FDC
PROP. SSMH (INFRA)	TO BE CONSTRUCTED WITH CITY APPROVED INFRASTRUCTURE CONSTRUCTION SET

WATER METER SCHEDULE

I.D.	TYPE	SIZE	NO.
⚠	DOMESTIC	8"	1

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

URBAN STRUCTURE
8140 Walnut Hill Lane, Suite 905
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Firm Registration #F-3195
TEL: 214.295.5775
www.urbanstruct.com

STATE OF TEXAS
DOUGLAS E. BARRILLEAUX
97518
LICENSED
PROFESSIONAL ENGINEER
07/16/2021

PROJECT:
HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

SHEET TITLE:
WATER & SANITARY SEWER PLAN 1

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C10.1

FILE NAME: D1 WATER.DWG
FILE PATH: N:\Projects\2020\18566 Hall Park D1\ACAD\Working Files\D1 Construction Set\D1 WATER.dwg
LAST SAVED ON: 7/8/2021 3:27 PM
LAST MODIFIED BY: DEVIN TATE
LAST MODIFIED ON: 7/8/2021 3:27 PM
AUTODESK PLOTSTAMP: 7/16/2021 1:17 PM

MATCH LINE SEE SHEET C10.1

D1

HALL PARK
PHASE D
BLOCK A, LOT 1

D5 PARK

HALL PARK
PHASE D
BLOCK A, LOT 5

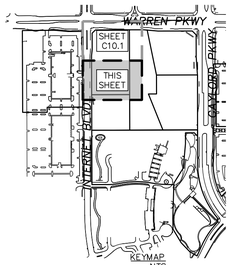
PARK DESIGN BY LANDSCAPE ARCH.

INTERNET BOULEVARD
(VARIABLE WIDTH RIGHT-OF-WAY)

SIDEWALK & DRAINAGE ESMT (BY PLAT)
294 LF OF 6" PRIVATE DOM. WATER
302 LF OF 8" PRIVATE FIRE WATER
INSTALL: 2–6" PLUGS (PRIVATE DOM.) 2–8" PLUGS (PRIVATE FIRE) (REF MEP FOR CONTINUATION)
FDC (REF MEP)
GAS METER BANK (REF MEP)
ELECTRICAL CONDUIT (BY COSERV)
226 LF OF 8" PRIVATE FIRE WATER
229 LF OF 6" PRIVATE DOM. WATER
EX. 33" RCP, BUILT 2000 (NOW PRIVATE PIPE TO PRIVATE DRIVE)
SIDEWALK ESMT
INSTALL: 1–6" DOM. WATER METER VAULT PER CITY OF FRISCO STD. DETAILS W17, 1–WUNDER COVER PAVER LID, PRE DETAIL ON SHEET C10.5
INSET A (REF THIS SHEET)
PROP. FH (INFRA)
PROP. CURB INLET (INFRA)
REMOVE 2" PLUG INSTALL: 1–2" METER (IRR.) PER CITY OF FRISCO STANDARD DETAILS W16
24' FIRE LANE, ACCESS & UTILITY ESMT
EX. 12" PVC WTR
0+61.6 "SS LAT 2A.1" INSTALL: 1–6" LAT. @ 1% MIN. 1–6" PLUG (REF MEP FOR CONTINUATION) FL 6"=699.00
0+61.6 "SS LAT 2A.1" INSTALL: 1–6" 45° HORZ. BEND FL 6"=698.97
"SS LAT 2A.1" 8" SS
"SS LAT 2A" 8" SS
0+59.6 "SS LAT 2A.1" INSTALL: 1–8"X6" 45° WYE FL 6"=698.84 FL 8"=698.76
1+61.0 "SS LAT 2A.1" INSTALL: 1–8" 45° HORZ. BEND FL 8"=699.77
1+66.0 "SS LAT 2A.1" INSTALL: 1–8" LAT. @ 1% MIN. 1–8" PLUG (REF MEP FOR CONTINUATION) FL 8"=699.82
1+56.7 "SS LAT 2A.1" INSTALL: 1–8" 45° HORZ. BEND FL 8"=699.73
PROP. 12" WTR (INFRA)
PROP. 6'x3' RCB (INFRA)
PROP. 15" SS (INFRA)
PROP. CURB INLET (INFRA)
PROP. FH (INFRA)
PROP. WYE INLET (INFRA)
PROP. 18" RCP (INFRA)

PROP. TRENCH DRAIN (INFRA)
PROP. TRENCH DRAIN (INFRA)
PROP. WYE INLET (INFRA)
PROP. 18" RCP (INFRA)
WATER ESMT
0+61.4 "SS LAT 4A" INSTALL: 1–8" 45° HORZ. BEND FL 8"=699.14
0+76.1 "SS LAT 4A" INSTALL: 1–8" LAT. @ 1% MIN. 1–8" PLUG (REF MEP FOR CONTINUATION) FL 8"=699.29
PROP. FH (INFRA)
"SS LAT 4A" 8" SS
0+57.2 "SS LAT 4A" INSTALL: 1–8" 45° HORZ. BEND FL 8"=699.10
0+38.7 "SS LAT 4A" INSTALL: 1–8" 45° HORZ. BEND FL 8"=698.91
0+29.0 "SS LAT 4A" INSTALL: 1–8" 45° HORZ. BEND FL 8"=698.81
0+22.1 "SS LAT 4A" REMOVE 8" PLUG CONN. TO EX. 8" SS FL 8"=698.75
24' FIRE LANE, ACCESS & UTILITY ESMT
PROP. TRENCH DRAIN (INFRA)
EX. 24' FIRE LANE, ACCESS, & UTILITY ESMT (BY PLAT)
PROP. 12" WTR (INFRA)
PROP. 27" RCP (INFRA)
PROP. 10" SS (INFRA)
PROP. 12" WTR (INFRA)
PROP. 24" RCP (INFRA)
PROP. 10" SS (INFRA)
PROP. 12" WTR (INFRA)

TOCS
1-800-245-4545
txticket@1-call.com



WATER METER SCHEDULE

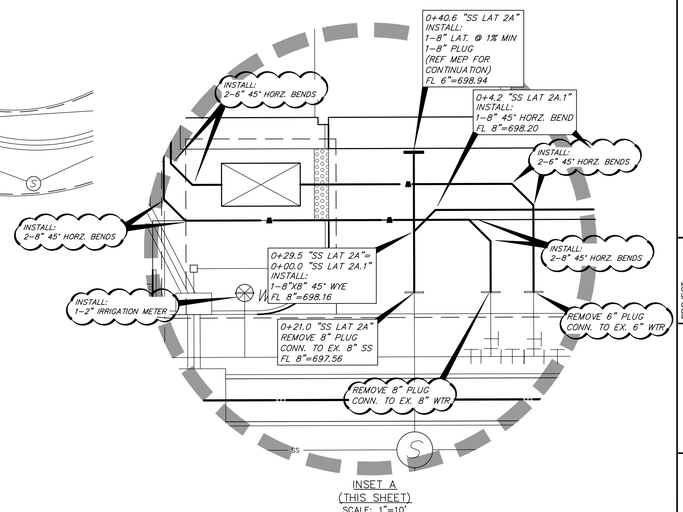
I.D.	TYPE	SIZE	NO.
B	DOMESTIC	8"	1
C	IRRIGATON	2"	1

GRAPHIC SCALE
20 0 10 20
(IN FEET)
1 inch = 20 ft.

NOTES:
REFER TO SHEET C10.0 FOR WATER & SANITARY SEWER NOTES

UTILITY LEGEND

- PROTY LINE
- EX. GAS LINE
- EX. OVERHEAD ELECTRIC
- EX. UNDERGROUND ELECTRIC
- EX. WATER
- EX. SANITARY SEWER
- PR. SANITARY SEWER
- PR. WATER
- EX. STORM
- PR. STORM
- PR. GAS/TELEPHONE
- PR. UNDERGROUND ELECTRIC
- LIMITS OF WATER FEATURE
- EX. SSMH
- PROP. SSMH (INFRA)
- PROP. FIRE HYDRANT (INFRA)
- CUT & PLUG
- PROP. WYE INLET (INFRA)
- PR. AREA DRAIN (REF LANDSCAPE)
- PR. GRATE INLET (REF STORM)
- PROP. CURB INLET (INFRA)
- PROP. JUNCTION BOX (INFRA)
- SW SIDEWALK
- BFR BARRIER FREE RAMP
- EX. LIGHT POLE
- PR. LIGHT POLE
- PR. WATER METER
- PR. WATER METER VAULT
- PR. FDC
- (INFRA) TO BE CONSTRUCTED WITH CITY APPROVED INFRASTRUCTURE CONSTRUCTION SET



INSET A
(THIS SHEET)
SCALE: 1"=10'

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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07/16/2021

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

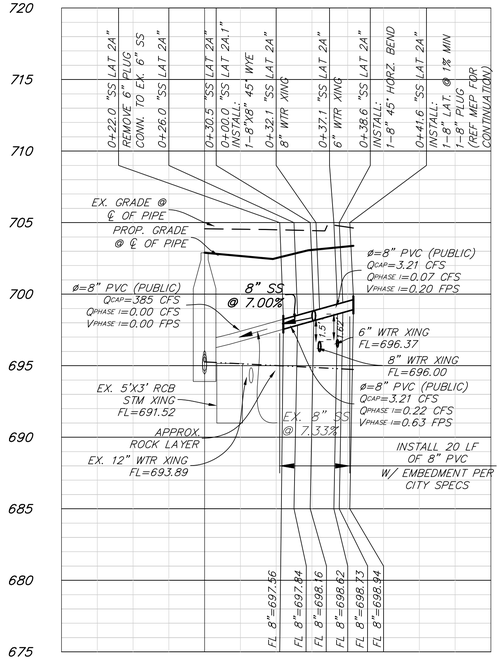
PROJECT:

SHEET TITLE: **WATER & SANITARY SEWER PLAN 2**

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

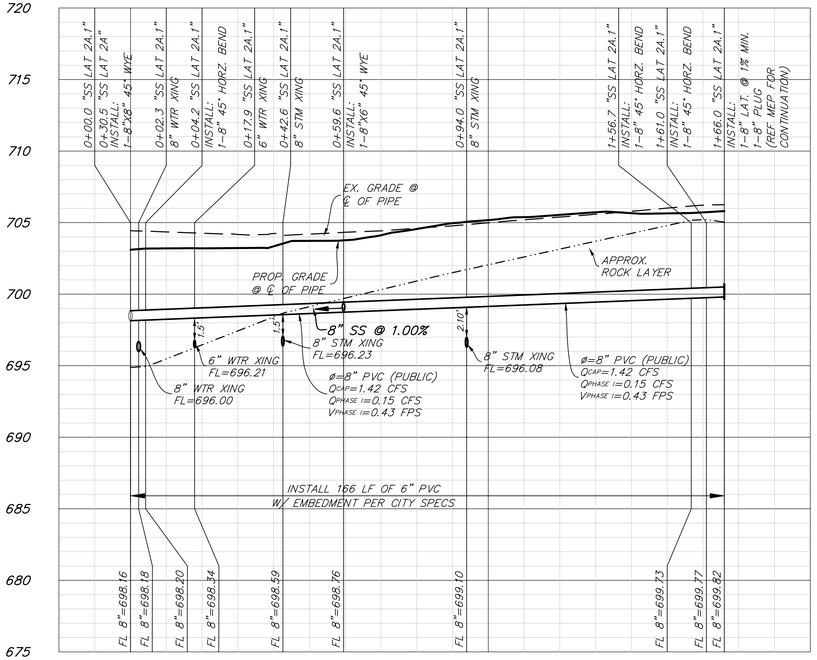
SHEET
C10.2

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LAST MODIFIED BY: DEVPRINT
LAST MODIFIED ON: 7/8/2021 3:27 PM
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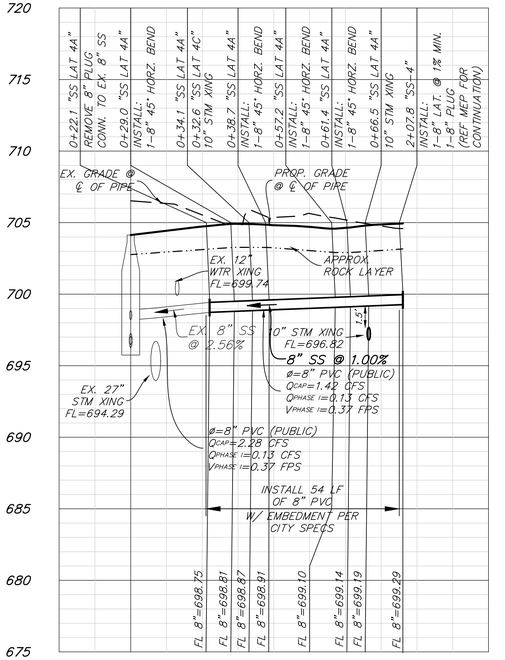
SS LAT 2A

H: 1"=20'
V: 1"=5'



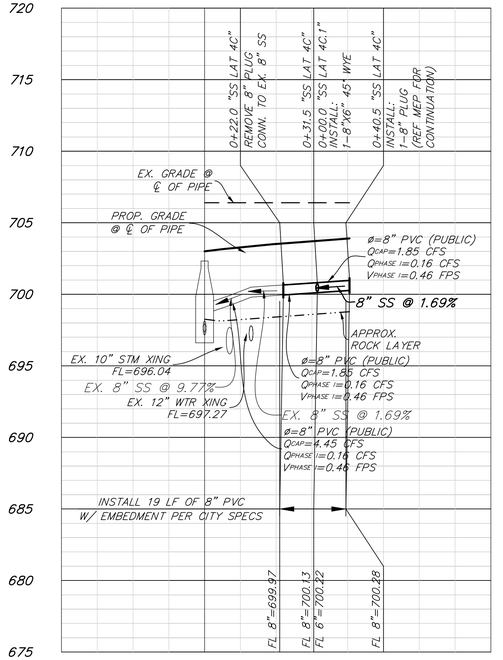
SS LAT 2A.1

H: 1"=20'
V: 1"=5'



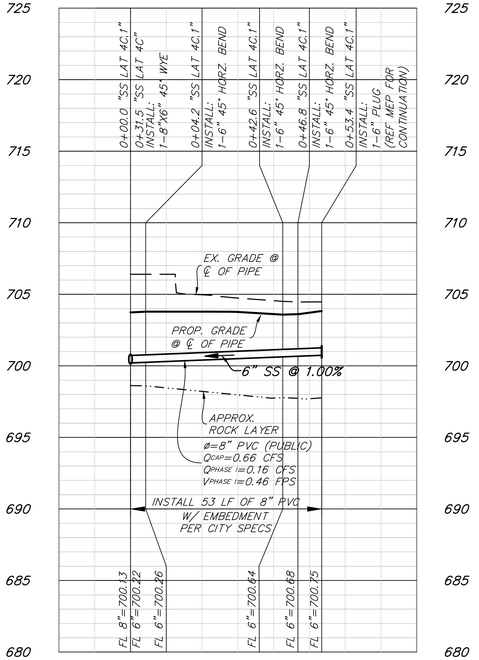
SS LAT 4A

H: 1"=20'
V: 1"=5'



SS LAT 4C

H: 1"=20'
V: 1"=5'



SS LAT 4C.1

H: 1"=20'
V: 1"=5'

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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FRISCO, COLLIN COUNTY, TEXAS
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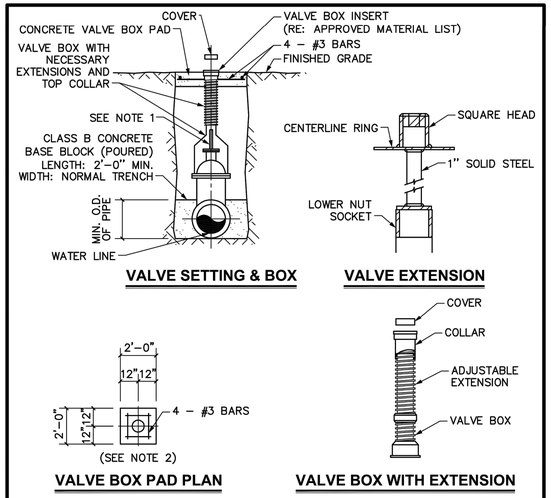
SANITARY SEWER LATS. 3A-3A.1, 4A, 4C-4C.1

PROJECT:
SHEET TITLE:

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C10.3

FILE NAME: D1 SANSEW PROFS.DWG
LAST MODIFIED BY: KEVIN.SMITH
LAST MODIFIED ON: 6/27/2021 1:19 PM
PLOTTED ON: 7/15/2021 4:05PM



VALVE SETTING & BOX **VALVE EXTENSION**

VALVE BOX PAD PLAN **VALVE BOX WITH EXTENSION**

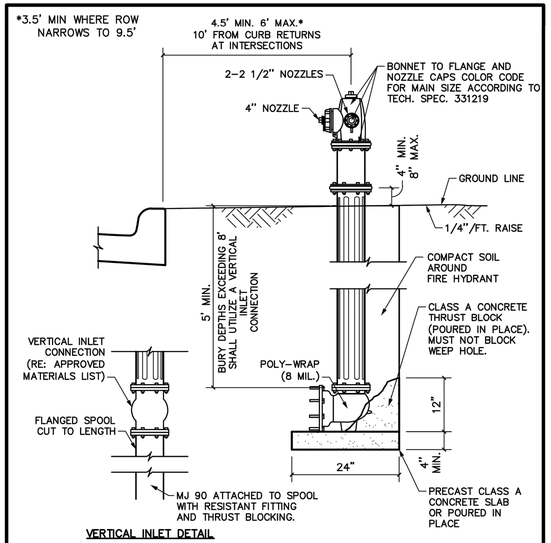
NOTES:

1. A VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WHOSE OPERATING NUT IS LOCATED IN EXCESS OF 4' BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 2' OF THE VALVE BOX COVER.
2. CONCRETE PAD 24" SQUARE SHALL BE POURED AROUND ALL VALVE BOXES NOT PLACED WITHIN CONCRETE PAVEMENT. CLASS A CONCRETE, 6" THICK.
3. REFER TO TECHNICAL SPECIFICATION 331217.

FRISCO PROGRESS IN MOTION.

STANDARD CONSTRUCTION DETAIL
GATE VALVE

SCALE: 1/4"=1'-0"
REVISED: AUG 2020
W07



VERTICAL INLET DETAIL

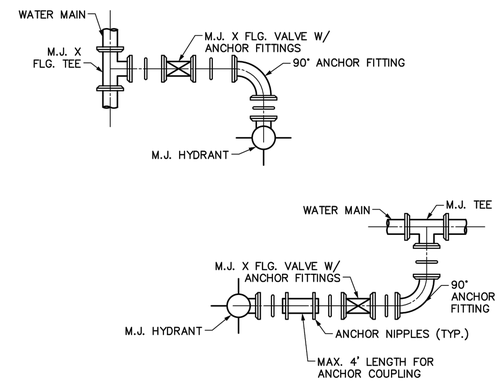
NOTES:

1. A BLUE STEMSONITE (OR APPROVED OTHER) MODEL 88–SSA FIRE HYDRANT MARKER WILL BE INSTALLED OPPOSITE FIRE HYDRANTS JUST OFF CENTER TO THE SIDE OF THE STREET ADJACENT TO THE HYDRANT.
2. CONTRACTOR SHALL UTILIZE VERTICAL INLET CONNECTION WHEN BURY DEPTHS EXCEED EIGHT (8) FEET.
3. NO MORE THAN 1 EXTENSION IS ALLOWED PER ASSEMBLY AND IS LIMITED TO 3'.

FRISCO PROGRESS IN MOTION.

STANDARD CONSTRUCTION DETAIL
FIRE HYDRANT

SCALE: 3/4"=1'-0"
REVISED: AUG 2020
W12



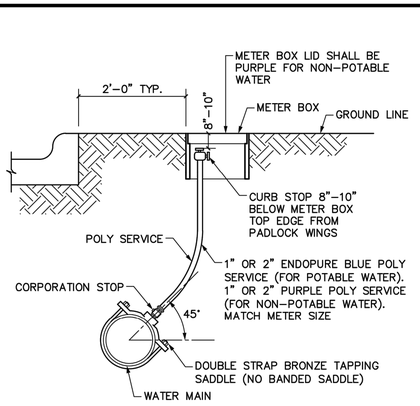
NOTES:

1. ALL FIRE HYDRANTS MUST BE ANCHORED TO MAIN BY USE OF ANCHOR FITTINGS.
2. ANCHOR TEES ALLOWED.
3. REFER TO TECHNICAL SPECIFICATION 331219 FIRE HYDRANTS.

FRISCO PROGRESS IN MOTION.

STANDARD CONSTRUCTION DETAILS
FIRE HYDRANT INSTALLATION

SCALE: 1/8"=1'-0"
REVISED: AUG 2020
W13



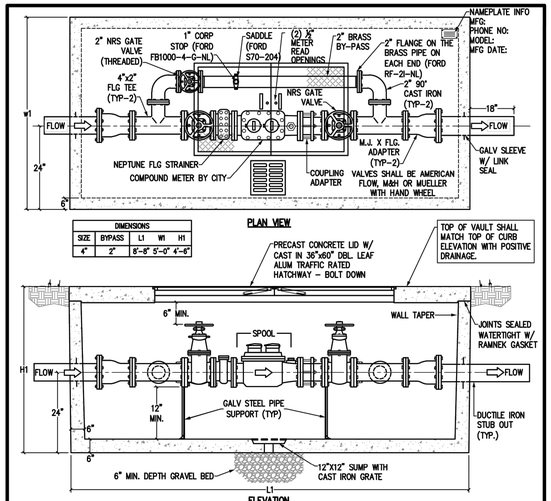
NOTES:

1. WATER SERVICES SHALL NOT BE CONNECTED TO FIRE HYDRANT LINES OR TO FIRE SERVICE MAINS.
2. METER BOX SHALL BE LOCATED OUT OF ALL FLATWORK, SIDEWALKS AND APPROACHES.
3. REFER TO TECHNICAL SPECIFICATION 331213 WATER SERVICE CONNECTIONS.
4. TRACER WIRE MUST BE OUT OF GROUND AND WRAPPED ON CURB STOP.

FRISCO PROGRESS IN MOTION.

STANDARD CONSTRUCTION DETAIL
TYPICAL SERVICE CONNECTION

SCALE: 3/4"=1'-0"
REVISED: AUG 2020
W16



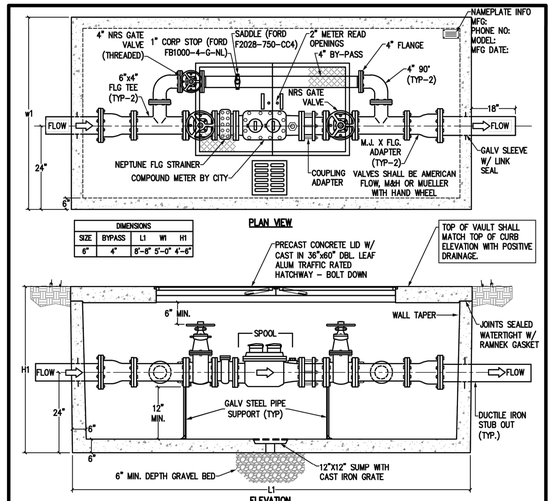
NOTES:

1. UNIT OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH.
2. REINFORCEMENT: GRADE 60 REINFORCED. STEEL BAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.
3. HATCHWAY: 3' X 5' ALUMINUM HATCH DOUBLE LEAF SPRING ASSISTED AUTO–LOCKING 316 STAINLESS STEEL WITH RELEASE HANDLE. HATCHWAY SHALL BE TRAFFIC RATED.
4. PRE–CAST VAULT AND INTERNAL PARTS SHALL BE FROM THE APPROVED MATERIALS LIST.
5. PIPE FITTINGS SHALL BE DUCTILE IRON UNLESS OTHERWISE SPECIFIED.
6. MINIMUM 6" WATER LINE OFF THE WATER MAIN WITH MINIMUM 6" GATE VALVE PRIOR TO REDUCING IN SIZE. LINE REDUCTION REDUCER SHALL BE PLACED ON THE VAULT STUBOUT PIPING.

FRISCO PROGRESS IN MOTION.

STANDARD CONSTRUCTION DETAIL
DOMESTIC 4" WATER METER VAULT

SCALE: N.T.S.
REVISED: AUG 2020
W18



NOTES:

1. UNIT OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH.
2. REINFORCEMENT: GRADE 60 REINFORCED. STEEL BAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.
3. HATCHWAY: 3' X 5' ALUMINUM HATCH DOUBLE LEAF SPRING ASSISTED AUTO–LOCKING 316 STAINLESS STEEL WITH RELEASE HANDLE. HATCHWAY SHALL BE TRAFFIC RATED.
4. PRE–CAST VAULT AND INTERNAL PARTS SHALL BE FROM THE APPROVED MATERIALS LIST.
5. PIPE FITTINGS SHALL BE DUCTILE IRON UNLESS OTHERWISE SPECIFIED.
6. MINIMUM 6" WATER LINE OFF THE WATER MAIN WITH MINIMUM 6" GATE VALVE PRIOR TO REDUCING IN SIZE. LINE REDUCTION REDUCER SHALL BE PLACED ON THE VAULT STUBOUT PIPING.

FRISCO PROGRESS IN MOTION.

STANDARD CONSTRUCTION DETAIL
DOMESTIC 6" WATER METER VAULT

SCALE: N.T.S.
REVISED: AUG 2020
W19

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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LICENSED
PROFESSIONAL ENGINEER
07/16/2021

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

CITY OF FRISCO WATER DETAILS

PROJECT:
SHEET TITLE:
CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18568

SHEET
C10.4

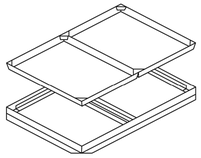
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LAST MODIFIED BY: DEBARRETT
LAST MODIFIED ON: 6/27/2021 5:29 PM
PLOTTED ON: 7/16/2021 4:26 PM

WUNDERCOVERS®

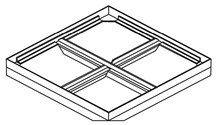
WUNDERCOVERS®
3432 DENMARK AVE, SUITE 214
EAGEN, MN 55123
PHONE: (775) 400-2883
www.wundercovers.com

☑ SELECT DESIRED TRAY SIZE:

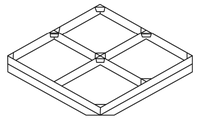
- ☐ 105x130
- ☐ 105x160
- ☐ 105x195
- ☐ 110x180
- ☐ 130x130
- ☐ 165x190
- ☐ SPECIFY CUSTOM SIZE: _____
  (CONTACT MANUFACTURER FOR MORE INFO)



COMPLETE PERSPECTIVE VIEW



BASE LAYER PERSPECTIVE VIEW



TOP COVER PERSPECTIVE VIEW

STANDARD MULTI TRAY PRODUCT	TOTAL TRAY SIZE (CM)	ACCESS OPENING ID CM (IN)	FRAME DEPTH (CM) W/O CROSS BEAM	TRAY STYLE	NUMBER OF TRAYS	REMOVABLE CROSS BEAMS, LOAD BEARING OR FLUSH LOAD TRANSFER	TRAY STYLE
WC105-130-10D-7.5F-P	105x130	95x120 (37.4x47.2)	10	PAVER	2	1	E
WC105-160-10D-7.5F-P	105x160	95x150 (37.4x59)	10	PAVER	2	1	E
WC105-195-10D-7.5F-P	105x195	95x185 (37.4x72.8)	10	PAVER	3	2	E
WC110-180-10D-7.5F-P	110x180	100x170 (39.3x70.8)	10	PAVER	3	2	E
WC130-130-10D-7.5F-P	130x130	120 (47.2)	10	PAVER	4	3	E
WC165-190-10D-7.5F-P	165x190	155x180 (61x70.8)	10	PAVER	6	5	E

NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWING.
3. THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY. THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION.
4. ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.
5. CONTRACTOR'S NOTE: FOR PRODUCT AND COMPANY INFORMATION VISIT www.CADdetails.com/info AND ENTER REFERENCE NUMBER 5213-011

WUNDER-COVER® PRODUCTS

WUNDER-COVERS®

5213-011 REVISION DATE 03/05/2021

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NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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07/16/2021

HALL PARK D1
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FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

WUNDER COVER DETAILS

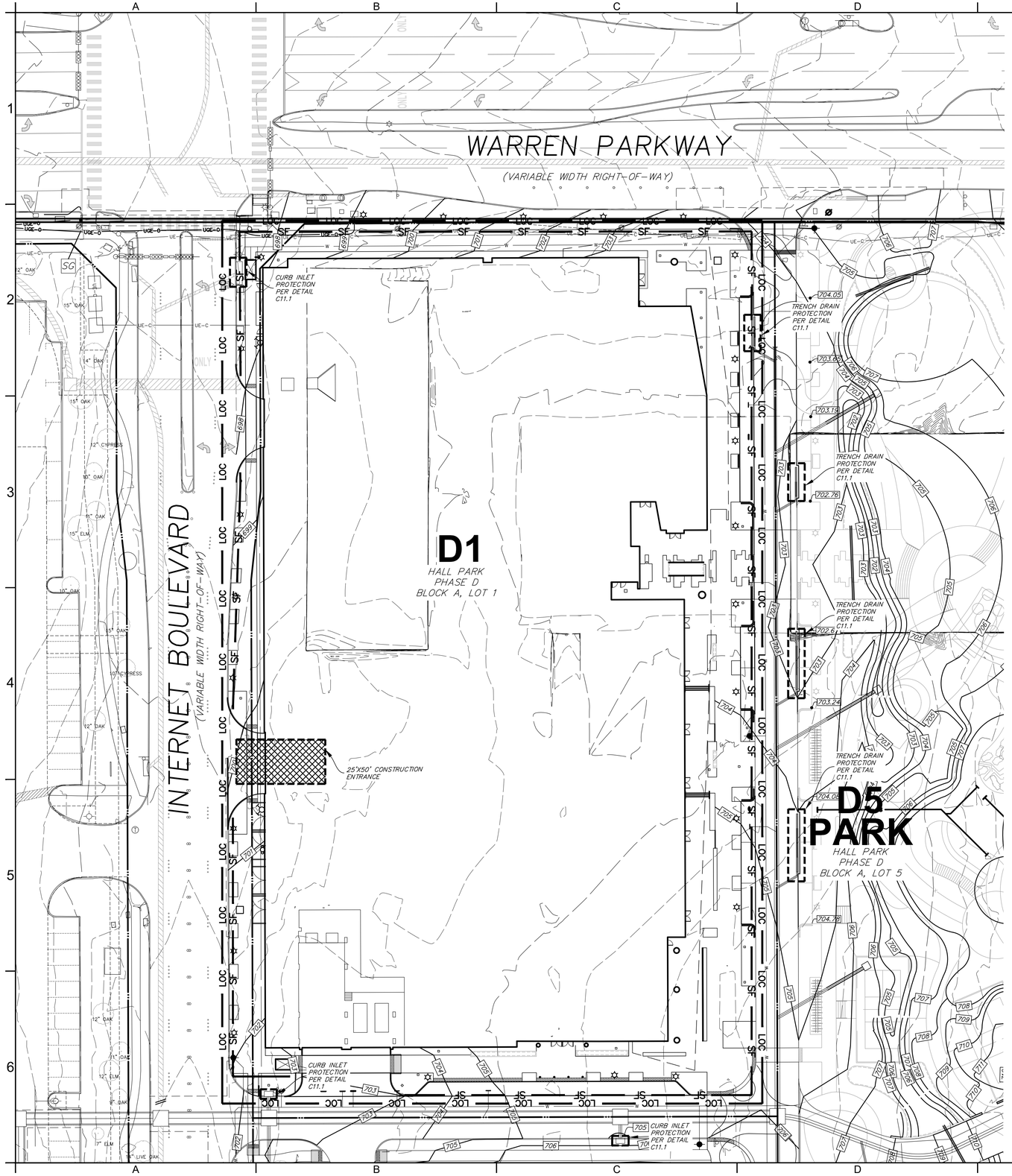
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SHEET TITLE:

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
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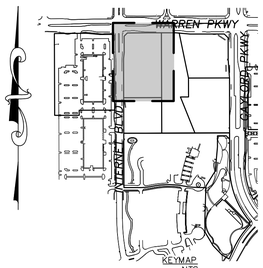
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LAST MODIFIED BY: DEVIN TRITT
LAST MODIFIED ON: 6/27/2024 6:29 PM
PLOT TIME/DATE: 7/16/2021 4:42 PM





TOCS
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GRAPHIC SCALE
40 0 20 40
(IN FEET)
1 inch = 40 ft.



EROSION CONTROL GENERAL NOTES

1. THE EROSION CONTROL PLAN HAS BEEN PREPARED TO PROVIDE MEANS TO PREVENT OR MINIMIZE POLLUTION OF STORM WATER.
2. THE CONSTRUCTION ACTIVITY INCLUDED IN THIS PLAN WILL INCLUDE:
   A. CLEARING AND GRUBBING
   B. ROUGH GRADING
   C. FINAL GRADING
   D. UTILITY INSTALLATION
   E. PAVEMENT INSTALLATION
   F. BUILDING CONSTRUCTION
3. THE TOTAL ESTIMATED LAND AREA TO BE DISTURBED IS 3.46 ACRES.
4. THE ESTIMATED RUNOFF COEFFICIENT UPON COMPLETION OF THE PROJECT IS 0.90.
5. THE STORM WATER EXITING THE SITE DRAINS TO AN EXISTING DRAINAGE SYSTEM MAINTAINED BY THE CITY OF FRISCO.
6. THE SOILS ON THE SITE ARE GENERALLY EXPANSIVE CLAYS.
7. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION PROTECTION AROUND THE WORK AREA PERIMETER AND AT ALL INLET MOUTHS PRIOR TO COMMENCING WORK AND UNTIL THE WORK AREA HAS BEEN STABILIZED.
8. THE CONTRACTOR WILL REMOVE ALL EXCESS SOIL FROM CONSTRUCTION VEHICLES PRIOR TO EXITING THE SITE.
9. ALL DISTURBED AREAS WHICH WILL NOT BE RE-DISTURBED FOR A MINIMUM OF 21 DAYS MUST BE STABILIZED BY THE CONTRACTOR TO CONTROL EROSION.
10. THE CONTRACTOR SHALL UNDERTAKE PROPER METHODS TO REDUCE DUST GENERATION FROM THE SITE.
11. THE CONTRACTOR MUST COMPLY WITH FEDERAL STATE AND LOCAL REGULATIONS REGARDING SEDIMENT AND EROSION CONTROL.
12. A COPY OF THIS PLAN MUST BE KEPT AT THE CONSTRUCTION FACILITY DURING THE ENTIRE CONSTRUCTION PERIOD.
13. ALL FINISHED GRADES ARE TO BE HYDROMULCHED, SPOT SODDED OR SEEDED AND WATERED UNTIL GROWTH IS ESTABLISHED ON AND OFF-SITE.
14. A PIT OR WASH OUT BASIN SHALL BE CONSTRUCTED ON-SITE BY THE CONTRACTOR FOR THE "WASH OUT" OF CONCRETE TRUCKS PER NCTCOG SPECIFICATIONS.
15. A BERM OR OTHER SPILL PROTECTION MEASURE SHALL BE USED FOR ANY TEMPORARY FUEL STORAGE TANK ON SITE.
16. IF "SUMP" PUMPS ARE USED TO REMOVE WATER FROM EXCAVATED AREAS, FILTER THE DISCHARGE TO REMOVE SEDIMENT AND OTHER POLLUTANTS BEFORE THE WATER LEAVES THE SITE.
17. TO PREVENT DAMAGE TO VEGETATION IN DOWNSTREAM WATER COURSES, LIMIT ANY PROPOSED LIME STABILIZATION OPERATIONS TO THAT WHICH CAN BE MIXED AND COMPACTED BY THE END OF EACH WORK DAY. GEOTEXTILE FABRIC IS NOT EFFECTIVE IN FILTERING LIME SINCE THE GRAIN SIZE IS SMALLER THAN THE OPENING IN THE FABRIC.
18. VEHICLE PARKING AREAS, STAGING AREAS, STOCKPILES, SPOILS, ETC. SHALL BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT STORM WATER QUALITY. OTHERWISE, COVERING OR ENCIRCLING THE AREAS WITH PROTECTIVE MEASURES WILL BE NECESSARY.
19. STORE ALL TRASH AND BUILDING MATERIALS WASTE IN AN ENCLOSURE UNTIL PROPER DISPOSAL AT THE APPROPRIATE OFF-SITE FACILITIES.
20. TRACKING OF SEDIMENT OFF SITE BY TRUCK TRAFFIC SHALL BE HANDLED THROUGH REGULAR CLEANING.
21. INSPECTIONS SHALL BE CONDUCTED BY THE PERMITEE ONCE EVERY 2 WEEKS AND WITHIN 24 HOURS AFTER A STORM EVENT OF 0.5 INCHES OR MORE. THE INSPECTIONS WILL INCLUDE:
   A. DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN STABILIZED,
   B. AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION,
   C. STRUCTURAL CONTROL MEASURES,
   D. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE, AND
   E. IDENTIFICATION OF MEASURES THAT NEED TO BE MAINTAINED, MODIFIED OR ADDED TO CORRECT PROBLEMS.
23. CONTRACTOR SHALL PREVENT THE DISCHARGE OF BUILDING MATERIALS, LIME, CEMENT, CONCRETE, ASPHALT, AND MORTAR TO THE MS4s OR TO THE WATERS OF THE UNITED STATES.
24. PERMANENTLY STABILIZE EXPOSED SOIL WITHIN AND ADJACENT TO THE SITE, THAT IS DISTURBED BY VEHICLES, GRADING AND OTHER CONSTRUCTION ACTIVITIES.
25. CONTAIN ALL RUNOFF FROM MATERIAL USED IN SUBGRADE STABILIZATION.
26. MATERIAL STOCKPILES SHALL BE COVERED BY PLASTIC OR SURROUNDED BY EROSION CONTROL STRUCTURES TO CONTROL SEDIMENT RELEASES.
27. CONTRACTOR TO REFER TO LANDSCAPE PLANS FOR ALL TREE PROTECTION.
28. CONTRACTOR TO INSTALL GRAVEL CURB INLET SEDIMENT FILTER AT CLOSEST DOWNSTREAM INLET IF NECESSARY TO PREVENT THE PROJECTS SEDIMENT FROM ENTERING THE STORM SYSTEM.
29. CONTRACTOR TO REFER TO THE LANDSCAPE ARCHITECT FOR ALL TREE PROTECTION/REMOVAL FOR THE ENTIRE DEVELOPMENT.

NOTE:
NO STEEL POSTS ALLOWED IN RIGHT-OF-WAY

LEGEND

- SF — PROPOSED SILT FENCE
- LOC — PROP. LIMITS OF CONSTRUCTION
- INLET PROTECTION
- 525 — EX. CONTOUR
- 525 — PR. CONTOUR
- PROPOSED CONSTRUCTION ENTRANCE
- STRAW BALE CHECK DAM

NO.	DATE	REVISION
	07/16/2021	CD PROGRESS PACKAGE

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Dallas, Texas 75231
Firm Registration #F-3195
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STATE OF TEXAS
DOUGLAS E. BARRILEAUX
97518
LICENSED
PROFESSIONAL ENGINEER
07/16/2021

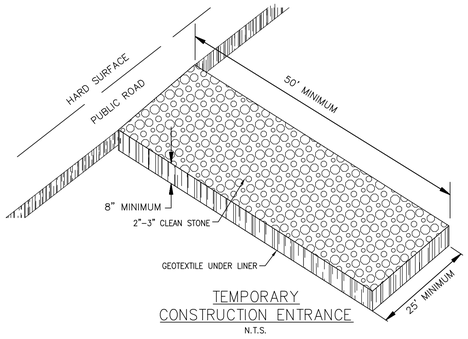
PROJECT:
HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

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EROSION CONTROL PLAN

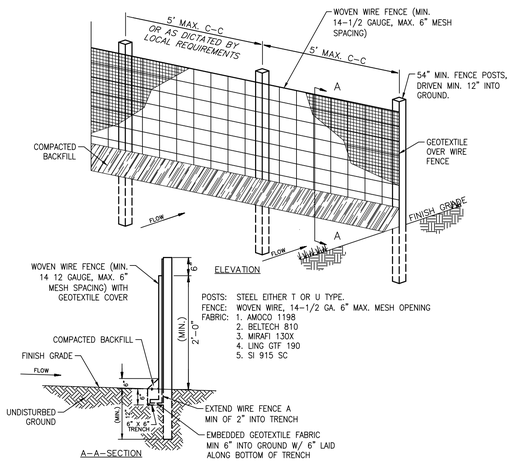
CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C11.0

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LAST MODIFIED ON: 9/21/2021 1:54 PM
PLOTTED ON: 7/15/2021 11:43 AM



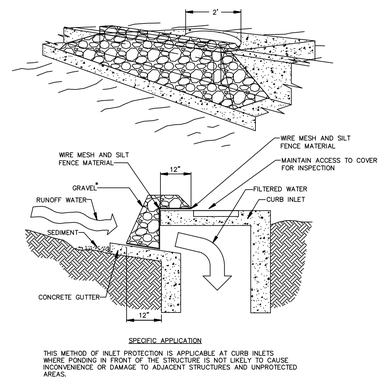
TEMPORARY
CONSTRUCTION ENTRANCE
N.T.S.



POSTS: STEEL EITHER T OR U TYPE.
FENCE: WOVEN WIRE, 14-1/2 GA. 6" MAX. MESH OPENING
FABRIC: 1. AMOCO 1198
2. BELTECH 810
3. MIRAFI 130X
4. LING GTF 190
5. SI 915 SC

1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES.
2. GEOTEXTILE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT UNLESS INDICATED OTHERWISE

SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT
N.T.S.

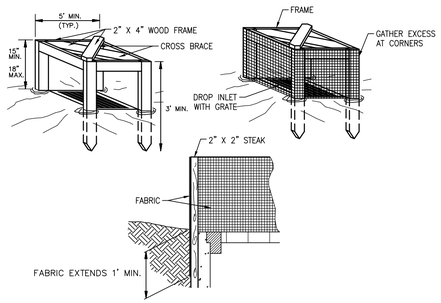


SPECIFIC APPLICATION

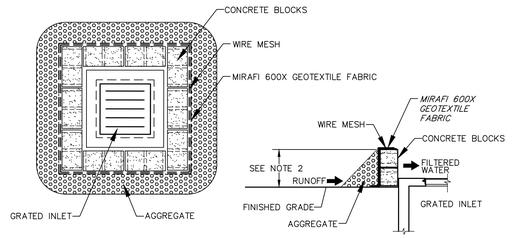
THIS METHOD OF INLET PROTECTION IS APPLICABLE AT CURB INLETS WHERE PONDING IN FRONT OF THE STRUCTURE IS NOT LIKELY TO CAUSE INCONVENIENCE OR DAMAGE TO ADJACENT STRUCTURES AND UNPROTECTED AREAS.

* GRAVEL SHALL BE 3/4"-2" ANGULAR CLEAN STONE

GRAVEL CURB INLET
SEDIMENT FILTER
N.T.S.



SILT FENCE INLET
PROTECTION- UNPAVED AREAS
N.T.S.



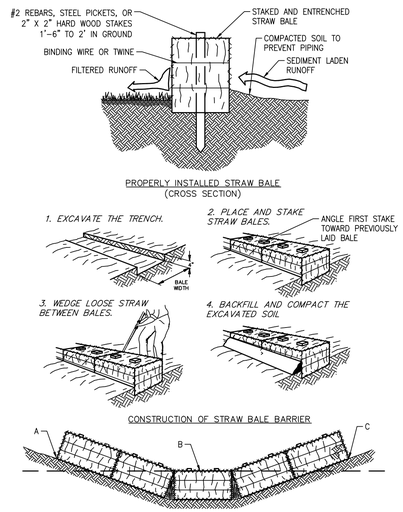
NOTES:

1. PLACE CONCRETE BLOCKS IN A SINGLE ROW AROUND PERIMETER OF INLET ON THEIR SIDES, WITH ENDS OF ADJACENT BLOCKS ABUTTING.
2. HEIGHT OF BARRIER VARIES. USE STACKS OF 4", 8", OR 12" BLOCKS. MIN. HEIGHT OF BARRIER SHALL BE 12" AND MAX. HEIGHT SHALL BE 24".
3. PLACE HARDWARE CLOTH/WIRE MESH W/ MAX. 1/2" OPENINGS OVER VERTICAL FACE OF CONCRETE BLOCKS.
4. THE AGGREGATE SHALL BE 3/4"-2" ANGULAR CLEAN STONE, WHICH WILL SLOW THE FLOW OF THE WATER AND ALLOW IT TO FILTER THROUGH AND OVER THE MATERIAL BEFORE ENTERING THE INLET.

MAINTENANCE NOTES:

1. INLET PROTECTION DEVICES MUST BE INSPECTED FOR SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN (IF USING INSERT-TYPE DEVICE) OR UPGRADIENT OF THE INLET.
2. REMOVAL OF SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET MUST BEGIN IMMEDIATELY UPON DISCOVERY, WITH COMPLETION OF THE ACTIVITY OCCURRING NO LATER THAN THE END OF THE FOLLOWING BUSINESS DAY.
3. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW-RATES THAT MAY CAUSE DOWNSTREAM FLOODING.
4. CONTACT THE CEC FOR ALTERNATE INLET PROTECTION IF THE DESIGNED PROTECTION MAY IMPACT DOWNSTREAM BMPS, ADJACENT SLOPES, ETC., DUE TO PONDING ISSUES. ENSURE THAT NO UNDERMINING OF INLET PROTECTION DEVICES HAS OCCURRED.
5. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.

BLOCK AND AGGREGATE INLET PROTECTION
N.T.S.



POINT "A" SHALL BE HIGHER THAN POINT "B"
PROPER PLACEMENT OF STRAW BALE BARRIER IN DRAINAGE WAY.

STRAW BALE BARRIER
N.T.S.

NO.	DATE	REVISION
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07/16/2021

HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
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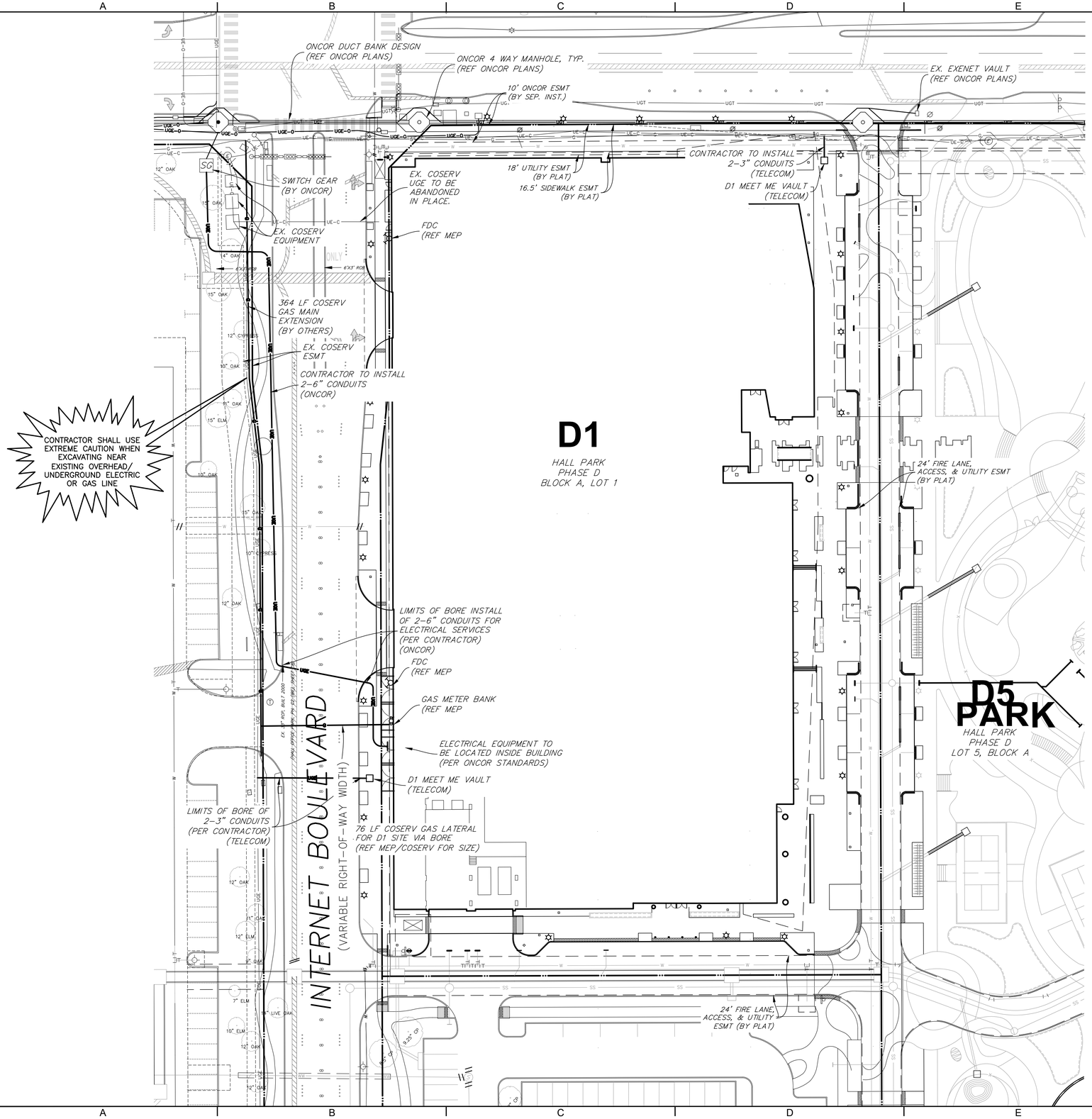
EROSION CONTROL DETAILS

PROJECT:
SHEET TITLE:

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C11.1

FILE NAME: D1 EROSION.DWG
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LAST MODIFIED BY: DEWRIGHT
LAST MODIFIED ON: 6/17/2021 3:34 PM
PLOTTED ON: 7/16/2021 4:47 PM



GRAPHIC SCALE

40 0 20 40

(IN FEET)
1 inch = 40 ft.

TOCS
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UTILITY LEGEND

- PROPERTY LINE
- G — EX. GAS LINE
- OHE — EX. OVERHEAD ELECTRIC
- UGE — EX. UNDERGROUND ELECTRIC
- W — EX. WATER
- SS — EX. SANITARY SEWER
- SS — PR. SANITARY SEWER
- W — PR. WATER
- EX. STORM
- EX. STORM PER CS20-0026
- PR. STORM
- G/TELE — EX. GAS/TELEPHONE PER CS20-0026
- UGE — PR. UNDERGROUND ELECTRIC
- G — PR. GAS LINE



Enclosure, Box, Polymer Concrete

by QUAZITE
Catalog ID: PG4848BA36

Box, Polymer Concrete, Tier 22, 48"x48"X36", Straight Wall, Open Bottom

Product Details

General

Insulated?	No
Load Rating (ANSI Tier)	T22
Material	Polymer Concrete
Type	Below Ground Boxes
UPC	662037117894

Dimensions

Height	36 in
Length	54.625 in
Weight	629 lb
Width	54.625 in

For further technical assistance, please contact us

Domestic Customer Service
Hubbell Power Systems
210 N. Allen Centralia, MO 65240 USA
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Fax: (573) 682-8475
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Email: hpsintlcs@hubbell.com

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07/16/2021

PROJECT:
HALL PARK D1
3200 INTERNET BOULEVARD
FRISCO, COLLIN COUNTY, TEXAS
CD PROGRESS PACKAGE

SHEET TITLE:
FRANCHISE UTILITY PLAN

CLIENT: HALL GROUP
DRAWN BY: DTE
DESIGNER: BTD
REVIEWER: DEB
U.S. PROJECT: 18566

SHEET
C12.0

FILE NAME: D1 FRANCHISE UTILITY.DWG
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LAST MODIFIED ON: 6/29/2021 10:15 AM
PLOTTED ON: 7/16/2021 4:25 PM