

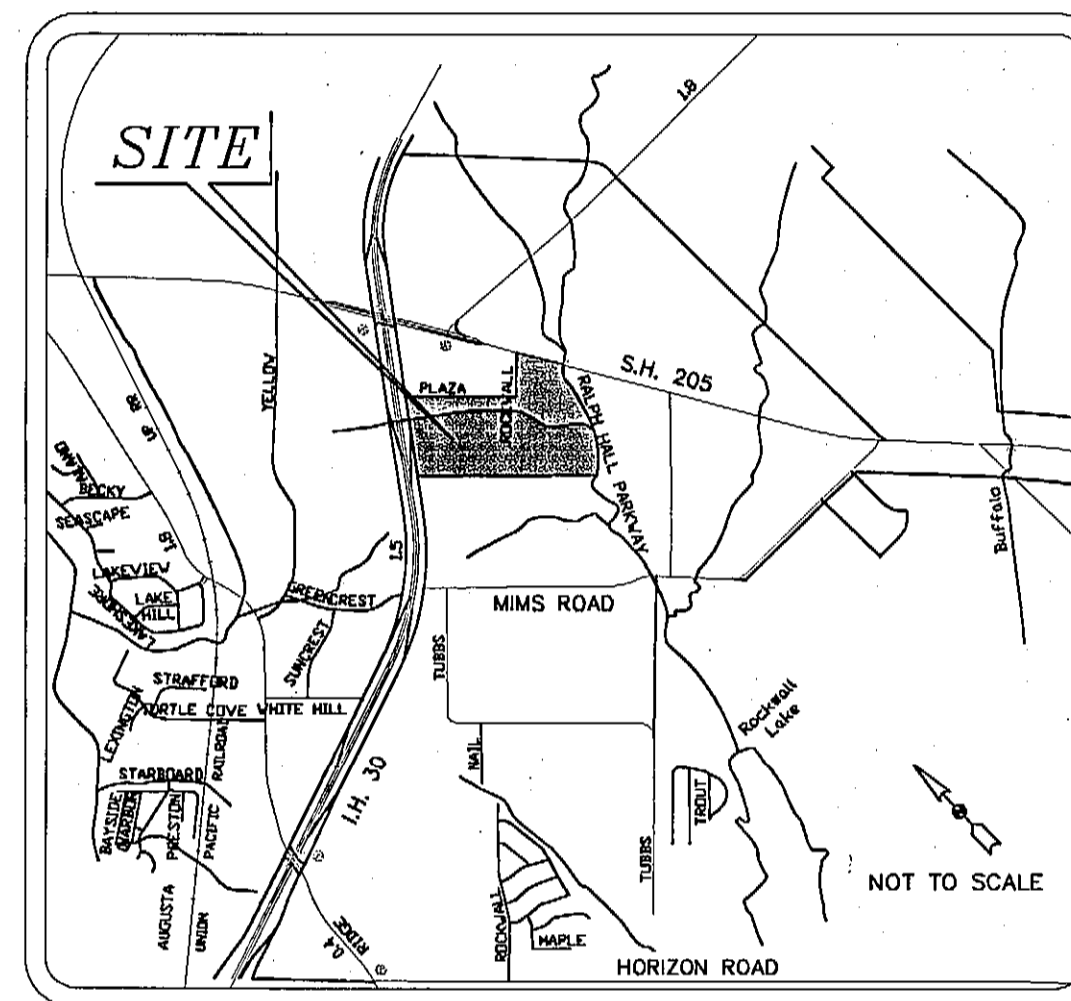
PLAZA AT ROCKWALL

PHASE II

ROCKWALL, TEXAS

RE--PLAT LOT __, BLOCK __ OF ROCKWALL CROSSING

PROJECT LOCATION MAP



SHEET INDEX

| SHEET # | DESCRIPTION |
|-------------|---|
| C1.0 | COVER SHEET |
| C2.0-C2.0D | PLAT |
| C3.0 | OVERALL SITE PLAN |
| C3.1-C3.6 | SITE & DIMENSION CONTROL PLAN |
| C4.0 | OVERALL UTILITY PLAN |
| C4.1-C4.6 | UTILITY PLAN |
| C4.61-C4.62 | 16" WATER LINE PROFILE "W-1" |
| C4.7-4.9 | WASTEWATER PROFILES "A, B & C" |
| C5.0 | EXISTING DRAINAGE AREA MAP |
| C5.1 | OFFSITE DRAINAGE AREA MAP |
| C5.2 | PROPOSED DRAINAGE AREA MAP |
| C5.3 | OVERALL GRADING PLAN |
| C5.4-C5.9 | GRADING PLAN |
| C5.10-C5.12 | DETENTION PONDS "A, B & C" |
| C5.13-C5.18 | STORM DRAIN PROFILE |
| C5.19-C5.20 | STORM SEWER NETWORK PLAN & HYDRAULIC DATA |

OWNER/DEVELOPER:
 ROCKWALL CROSSING LTD.
 2100 WEST 7TH STREET
 FORT WORTH, TEXAS 76107
 PHONE: (817) 377-7736
 FAX: (817) 735-4738
 CONTACT: DON DALTON

CIVIL ENGINEER:
 THE WALLACE GROUP, INC.
 1825 MARKET CENTER BLVD., SUITE 210
 DALLAS, TEXAS 75207
 PHONE: (214) 747-3733
 FAX: (214) 747-7331
 CONTACT: MATTHEW D. MORGAN, P.E.

ARCHITECT:
 RUNYON ARCHITECTS
 2508 HIGHLANDER WAY, SUITE 210
 CARROLTON, TEXAS 75006
 PHONE: (972) 233-7705
 FAX: (972) 387-2553
 CONTACT: ROBERT RUNYON, A.I.A.

GEOTECHNICAL ENGINEER:
 REED ENGINEERING GROUP
 2424 STUTZ DRIVE, SUITE 400
 DALLAS, TEXAS 75235
 PHONE: (214) 350-5600
 FAX: (214) 350-0019
 CONTACT: RONALD F. REED, P.E.

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SUBMITTED BY:

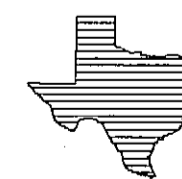
Matthew D. Morgan
 MATTHEW D. MORGAN, P.E. #96329
 THE WALLACE GROUP, INC.

3/29/08
 DATE



Engineers ■ Architects ■ Planners ■ Surveyors

- WATER/WASTEWATER
- ENVIRONMENTAL
- STREETS/DRAINAGE
- BUILDING DESIGN
- FACILITIES MANAGEMENT

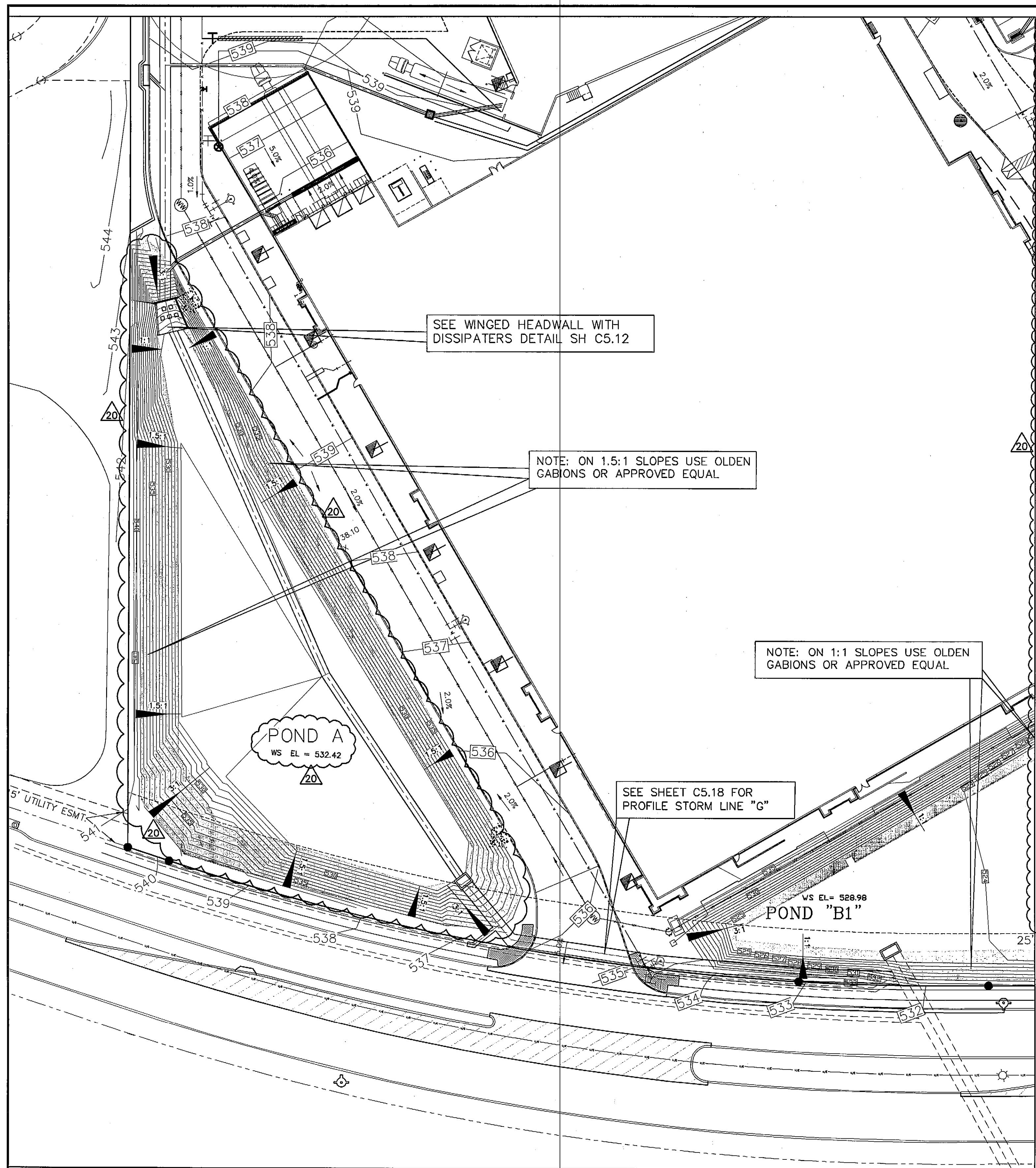


- MECHANICAL
- ELECTRICAL
- STRUCTURAL
- CADD
- GIS

3636 EXECUTIVE CENTER DRIVE, SUITE 210, AUSTIN, TEXAS 78731 PH: (512) 833-6828 FAX: (512) 833-3811

CONTRACTOR SHALL CALL 1-800-DIG-TESS FOR UTILITY LOCATIONS PRIOR TO ANY WORK IN EASEMENTS OR RIGHT-OF-WAY





DETENTION BASIN SIZING FOR POND A

PROJECT: The Plaza at Rockwall DATE: 08/30/07

Provided Detention Pond Volume

| STAGE STORAGE CHART - POND A | | | |
|------------------------------|-----------|-----------------|-----------------|
| Elevation (FT) | Area (SF) | Incr. Vol. (CF) | Total Vol. (CF) |
| 521 | 0 | 0 | 0 |
| 522 | 0 | 0 | 0 |
| 523 | 0 | 0 | 0 |
| 524 | 0 | 0 | 0 |
| 525.6 | 0 | 0 | 0 |
| 526 | 12013 | 0 | 0 |
| 527 | 18862 | 14437.5 | 14437.5 |
| 528 | 17993 | 17427.50 | 31865.00 |
| 529 | 19124 | 18558.50 | 50423.50 |
| 530 | 20278 | 19701.00 | 70124.50 |
| 531 | 21454 | 20866.00 | 90990.50 |
| 532 | 22801 | 22127.50 | 113118.00 |
| 533 | 24026 | 23413.50 | 136531.50 |
| 534 | 25273 | 24649.50 | 161181.00 |

| STAGE STORAGE CHART - TOTAL | | | |
|-----------------------------|-----------|-----------------|-----------------|
| Elevation (FT) | Area (SF) | Incr. Vol. (CF) | Total Vol. (CF) |
| 521 | 0 | 0 | 0 |
| 522 | 0 | 0 | 0 |
| 523 | 0 | 0 | 0 |
| 524 | 0 | 0 | 0 |
| 525 | 0 | 0 | 0 |
| 526 | 12013 | 0 | 0 |
| 527 | 18862 | 14437.5 | 14437.5 |
| 528 | 17993 | 17427.5 | 31865 |
| 529 | 19124 | 18558.5 | 50423.5 |
| 530 | 20278 | 19701 | 70124.5 |
| 531 | 21454 | 20866 | 90990.5 |
| 532 | 22801 | 22127.5 | 113118 |
| 533 | 24026 | 23413.5 | 136531.5 |
| 534 | 25273 | 24649.5 | 161181 |

| DETERMINATION OF WSEL | | | | |
|-----------------------|-----------------|-----------------|-----------|----------|
| Elevation (FT) | Total Vol. (CF) | Vol. Req'd (CF) | WSEL (FT) | Note |
| 521 | 0 | 0 | | |
| 522 | 0 | 0 | | |
| 523 | 0 | 0 | | |
| 524 | 0 | 0 | | |
| 525 | 0 | 0 | | |
| 526 | 0 | 0 | | |
| 527 | 14437.5 | 0 | | |
| 528 | 31865 | 0 | | |
| 529 | 50423.5 | 0 | | |
| 530 | 70124.5 | 0 | | |
| 531 | 90990.5 | 82547 | 530.60 | 10-Year |
| 532 | 113118 | 92756 | 531.08 | 25-Year |
| | | 107084 | 531.74 | 50-Year |
| 533 | 136531.5 | 122857 | 532.42 | 100-Year |
| 534 | 161181 | | | |

Discharge at Pond A
 Orifice Coefficient = 0.6
 Flowline of Orifice 2 (FT) = 525.8
 Elev of Cent of Orif 2 (FT) = 527.5
 Crest Elevation of Weir = 532
 Weir Coefficient = 3.3367
 Area Or 2 (SF) = 14
 Length Crest (FT) = 25

| DETERMINATION OF POST DEVELOPMENT DISCHARGE | | | | | | |
|---|----------------------------|-------------------------|----------------------|-----------------------------|---------------------------|----------|
| Elevation (FT) | Height above Centroid (FT) | Orifice Discharge (CFS) | Weir Discharge (CFS) | Total Discharge Pond A(CFS) | Allowable Discharge (CFS) | Note |
| 530.6 | 2.8 | 112.80 | 0 | 112.80 | 116.55 | 10-Year |
| 531.08 | 3.28 | 122.08 | 0 | 122.08 | 136.99 | 25-Year |
| 531.74 | 3.94 | 133.80 | 0 | 133.80 | 151.31 | 50-Year |
| 532.42 | 4.62 | 144.89 | 22.71 | 167.60 | 169.71 | 100-Year |

MODIFIED RATIONAL METHOD FOR SIZING DETENTION BASINS

| EXISTING CONDITIONS | | Q ₁₀₀ |
|------------------------|--------|------------------|
| Area* | 29.21 | Acres |
| Runoff Coefficient* | 0.70 | |
| Time of Concentration* | 20.00 | Min |
| Rainfall Intensity | 8.30 | in/hr |
| Allowable Flow | 169.71 | cfs |

| DEVELOPED CONDITIONS | | Q ₁₀₀ |
|------------------------------|--------|------------------|
| Area* | 29.21 | Acres |
| Runoff Coefficient* | 0.90 | |
| Time of Concentration (Tcd)* | 10.00 | Min |
| Rainfall Intensity | 9.90 | in/hr |
| Developed Flows | 257.63 | cfs |

| A | B | C | (A*C*60) | (Qd)(Tcd+A)/2(60) | Storage |
|------|-------|--------|----------|-------------------|---------|
| 5.0 | 10.60 | 278.66 | 83,599 | 76,370 | 7,230 |
| 10.0 | 9.80 | 257.63 | 154,579 | 101,826 | 52,753 |
| 15.0 | 9.00 | 236.60 | 212,941 | 127,283 | 85,658 |
| 20.0 | 8.30 | 218.20 | 261,838 | 152,739 | 109,099 |
| 25.0 | 7.20 | 189.28 | 283,921 | 176,196 | 107,726 |
| 30.0 | 6.90 | 181.39 | 326,509 | 203,652 | 122,857 |
| 35.0 | 6.20 | 162.99 | 342,283 | 229,109 | 113,174 |
| 40.0 | 5.80 | 152.48 | 365,943 | 254,565 | 111,378 |
| 45.0 | 5.40 | 141.96 | 383,294 | 280,022 | 103,272 |
| 50.0 | 5.00 | 131.45 | 394,335 | 305,478 | 88,857 |
| 55.0 | 4.70 | 123.56 | 407,742 | 330,935 | 76,808 |
| 60.0 | 4.50 | 118.30 | 425,852 | 356,391 | 69,461 |
| 65.0 | 4.25 | 111.73 | 435,740 | 381,848 | 53,893 |
| 70.0 | 4.00 | 105.16 | 441,655 | 407,304 | 34,351 |

Volume required = 122,857 CF
2.82 AC. FT.

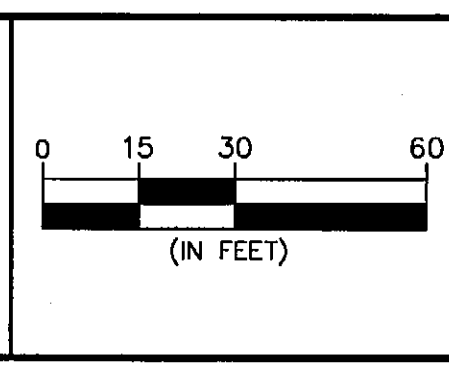
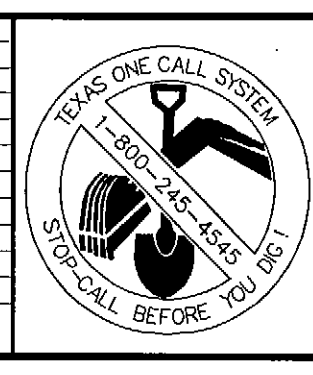
LEGEND

LOCATION OF GABION WALLS
 CONTRACTOR SHALL SUBMIT ENGINEER STAMPED SHOP DRAWINGS
 DETAILING CONSTRUCTION OF GABION WALLS FOR REVIEWS AND APPROVAL.

DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|--|
| 1 | 8-29-07 | MM | REVISED POND A SIDE SLOPES TO 1.5:1; MODIFIED CALCULATIONS |



DESIGNED: **RDC**
 DRAWN: **FM**
 CHECKED: **RS**



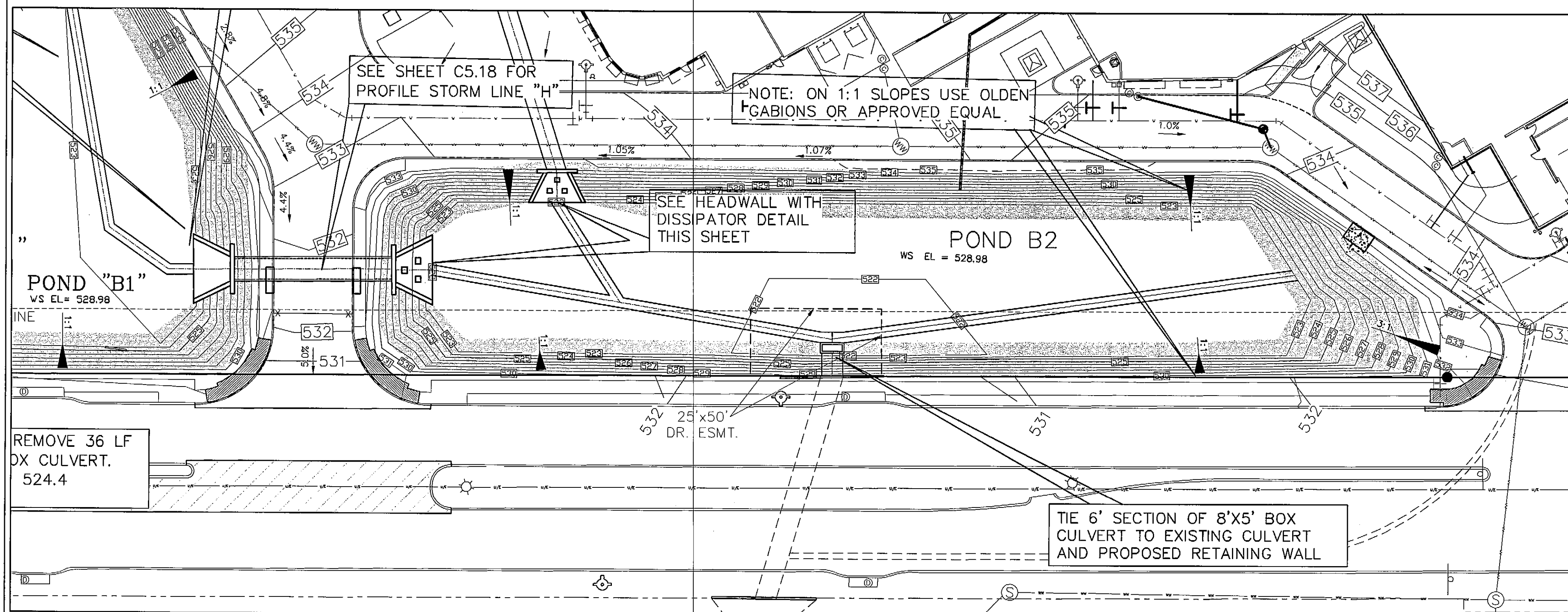
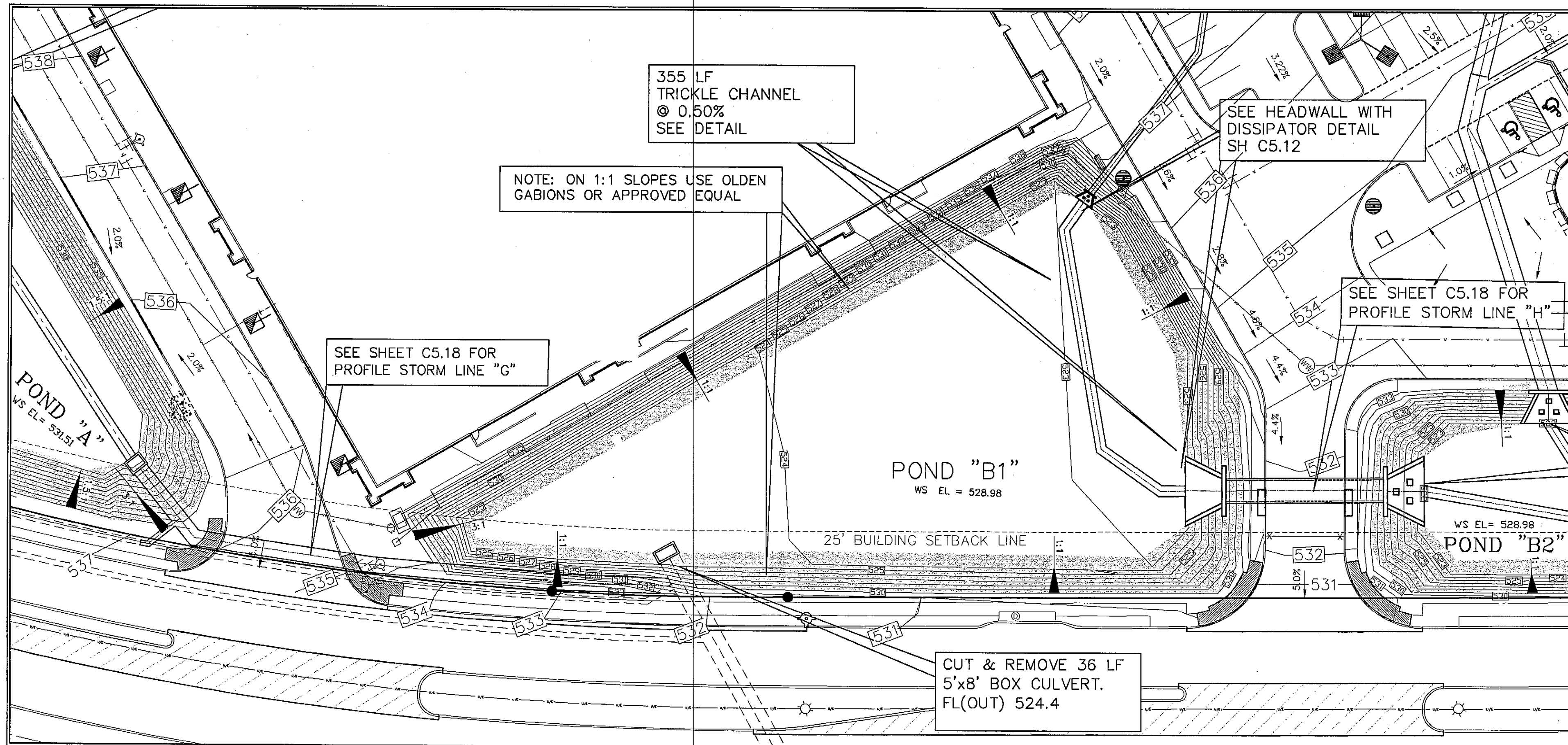
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3/25/08 *Matthew D. Morgan*
 DATE NAME

THE WALLACE GROUP INC.

ENGINEERS ARCHITECTS SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
**DETENTION POND PLAN
 POND "A"**



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LEGEND

LOCATION OF GABION WALLS. CONTRACTOR SHALL SUBMIT ENGINEER STAMPED SHOP DRAWINGS DETAILING CONSTRUCTION OF GABION WALLS FOR REVIEWS AND APPROVAL.

MODIFIED RATIONAL METHOD FOR SIZING DETENTION BASINS

| EXISTING CONDITIONS | | Q ₁₀₀ |
|------------------------|-------------|------------------|
| Area* | 68.53 Acres | |
| Runoff Coefficient* | 0.70 | |
| Time of Concentration* | 20.00 Min | |
| Rainfall Intensity | 8.30 in/hr | |
| Allowable Flow | 398.16 cfs | |

| DEVELOPED CONDITIONS | | Q ₁₀₀ |
|---|-------------|------------------|
| Area* | 68.53 Acres | |
| Runoff Coefficient* | 0.90 | |
| Time of Concentration (T _{cd})* | 10.00 Min | |
| Rainfall Intensity | 9.80 in/hr | |
| Developed Flows | 604.43 cfs | |

| A | B | C | (A-C)*60 | (Cd)/(Tcd-A)/2(60) | Storage |
|-----------|-----------|--------|-----------|--------------------|---------|
| Dur (Min) | Intensity | Flow | Inflow | Outflow | |
| 5.0 | 10.60 | 653.78 | 196,133 | 184,631 | 11,502 |
| 10.0 | 9.80 | 604.43 | 362,661 | 246,174 | 116,487 |
| 15.0 | 9.00 | 555.09 | 499,694 | 307,718 | 191,866 |
| 20.0 | 8.30 | 511.52 | 614,303 | 369,261 | 245,042 |
| 25.0 | 7.70 | 474.07 | 696,112 | 430,805 | 265,307 |
| 30.0 | 7.20 | 442.57 | 766,028 | 492,348 | 273,680 |
| 35.0 | 6.70 | 416.20 | 803,035 | 553,892 | 249,143 |
| 40.0 | 6.30 | 392.73 | 868,544 | 615,435 | 243,109 |
| 45.0 | 5.90 | 373.05 | 899,251 | 676,979 | 222,272 |
| 50.0 | 5.60 | 356.39 | 925,195 | 738,522 | 186,633 |
| 55.0 | 5.30 | 342.88 | 950,910 | 800,066 | 150,845 |
| 60.0 | 5.00 | 331.55 | 970,167 | 861,609 | 108,558 |
| 65.0 | 4.75 | 322.13 | 1,022,296 | 923,153 | 99,144 |
| 70.0 | 4.50 | 314.71 | 1,036,174 | 984,696 | 51,478 |

Volume required= 273,680 CF
6.28 AC. FT.

Provided Detention Pond Volume

| STAGE STORAGE CHART - POND B1 | | | | STAGE STORAGE CHART - POND B2 | | | |
|-------------------------------|-----------|-----------------|-----------------|-------------------------------|-----------|-----------------|-----------------|
| Elevation (FT) | Area (SF) | Incr. Vol. (CF) | Total Vol. (CF) | Elevation (FT) | Area (SF) | Incr. Vol. (CF) | Total Vol. (CF) |
| 521 | 0 | 0 | 0 | 521 | 0 | 0 | 0 |
| 522 | 0 | 0 | 0 | 522 | 1114.84 | 3112.1552 | 3112.1552 |
| 523 | 0 | 0 | 0 | 523 | 22749.78 | 16932.31 | 20044.4652 |
| 524 | 0 | 0 | 0 | 524 | 23810.15 | 23179.955 | 43224.4302 |
| 525 | 7984.11 | 2395.233 | 2395.233 | 525 | 24478.37 | 24044.26 | 67268.6902 |
| 526 | 25741.92 | 16892.115 | 19267.348 | 526 | 25344.44 | 24918.405 | 92185.0952 |
| 527 | 27024.41 | 26382.895 | 45640.243 | 527 | 26238.35 | 25796.395 | 117981.4902 |
| 528 | 28325.69 | 27675.05 | 73315.293 | 528 | 27130.12 | 26684.235 | 144665.7252 |
| 529 | 29645.14 | 28965.415 | 102280.708 | 529 | 28029.73 | 27579.925 | 172245.6502 |
| 530 | 0 | 14622.97 | 117123.85 | 530 | 0 | 0 | 186905.5152 |
| 531 | 0 | 0.00 | 117123.85 | 531 | 0 | 0 | 186260.5152 |
| 532 | 0 | 0.00 | 117123.85 | 532 | 0 | 0 | 186260.5152 |
| 533 | 0 | 0.00 | 117123.85 | 533 | 0 | 0 | 186260.5152 |
| 534 | 0 | 0.00 | 117123.85 | 534 | 0 | 0 | 186260.5152 |

STAGE STORAGE CHART - TOTAL

| Elevation (FT) | Area (SF) | Incr. Vol. (CF) | Total Vol. (CF) |
|----------------|-----------|-----------------|-----------------|
| 521 | 0 | 0 | 0 |
| 522 | 1114.84 | 3112.1552 | 3112.1552 |
| 523 | 22749.78 | 16932.31 | 20044.4652 |
| 524 | 23810.15 | 23179.955 | 43224.4302 |
| 525 | 32462.48 | 26439.493 | 69663.9232 |
| 526 | 51095.78 | 41776.12 | 111443.0432 |
| 527 | 53992.78 | 52179.93 | 163622.9732 |
| 528 | 55455.81 | 54359.285 | 217981.5882 |
| 529 | 57674.87 | 66665.34 | 274546.9282 |
| 530 | 0 | 28967.435 | 303384.3632 |
| 531 | 0 | 0 | 303384.3632 |
| 532 | 0 | 0 | 303384.3632 |
| 533 | 0 | 0 | 303384.3632 |
| 534 | 0 | 0 | 303384.3632 |

DETERMINATION OF WSEL

| Elevation (FT) | Total Vol. (CF) | Vol. Req'd (CF) | WSEL (FT) | Note |
|----------------|-----------------|-----------------|-----------|----------|
| 521 | 0 | 0 | | |
| 522 | 3112.1552 | | | |
| 523 | 20044.4652 | | | |
| 524 | 43224.4302 | | | |
| 525 | 69663.9232 | | | |
| 526 | 111443.0432 | | | |
| 527 | 163622.9732 | | | |
| 528 | 217981.5882 | 193660 | 527.55 | 10-Year |
| 529 | 274546.9282 | 217617 | 527.99 | 25-Year |
| 530 | 303384.3632 | 291231 | 528.59 | 50-Year |
| 531 | 303384.3632 | 273680 | 528.98 | 100-Year |
| 532 | 303384.3632 | | | |
| 533 | 303384.3632 | | | |
| 534 | 303384.3632 | | | |

Discharge at Pond B1 (MAX OUT=78.29)
 Orifice Coefficient = 0.6
 Flowline of Orifice 1 (FT) = 524.5
 Elev of Crest of Orif 1 (FT) = 526.1
 Crest Elevation of Weir = 529.2
 Weir Coefficient = 3.3367
 Area Or 1 (SF) = 9.5

Discharge at Pond B2 (MAX OUT=332)
 Orifice Coefficient = 0.6
 Flowline of Orifice 2 (FT) = 521.44
 Elev of Crest of Orif 2 (FT) = 524.44
 Crest Elevation of Weir = 528.2
 Weir Coefficient = 3.3367
 Area Or 2 (SF) = 25.5
 Length Crest (FT) = 26

DETERMINATION OF POST DEVELOPMENT DISCHARGE

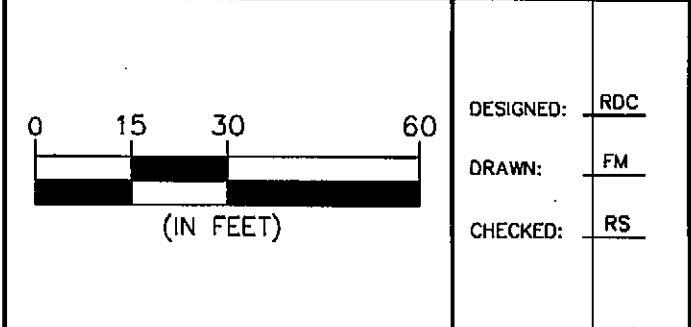
| Elevation (FT) | Height above Centroid Pond B1 (FT) | Orifice Discharge (CFS) into 8'x4' RBC Pond B1 (CFS) | Total Discharge (CFS) into 8'x4' RBC (Pond A+Pond B1) | Max Allowable Discharge (CFS) into 8'x4' RBC (Pond B2) (CFS) | Height above Centroid Pond B2 (FT) | Orifice Discharge Pond B2 (CFS) | Weir Discharge Pond B2 (CFS) | Total Discharge Pond B2 (CFS) | Note |
|----------------|------------------------------------|--|---|--|------------------------------------|---------------------------------|------------------------------|-------------------------------|----------|
| 527.55 | 1.45 | 55.08 | 199.24 | 194.54 | 3.11 | 216.53 | 0.00 | 216.53 | 10-Year |
| 527.99 | 1.89 | 62.86 | 177.09 | 215.29 | 3.55 | 231.34 | 0.00 | 231.34 | 25-Year |
| 528.59 | 2.49 | 72.18 | 198.93 | 229.0 | 4.15 | 250.13 | 21.13 | 271.26 | 50-Year |
| 528.98 | 2.88 | 77.63 | 247.13 | 248 | 4.54 | 281.61 | 56.76 | 328.38 | 100-Year |

EVALUATION OF POND B1+B2 DETENTION

| Max Allowable Discharge (CFS) | Post Development Discharge (CFS) | Note |
|-------------------------------|----------------------------------|----------|
| 273.43 | 271.61 | 10-Year |
| 321.41 | 294.22 | 25-Year |
| 354.99 | 343.44 | 50-Year |
| 410.29 | 399.01 | 100-Year |

NOTE: Because Ponds B1 and B2 are interconnected (i.e. water can flow from one pond into the other pond), the ponds must be evaluated together to determine the effectiveness of detention.

| REV | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| | | | |
| | | | |
| | | | |



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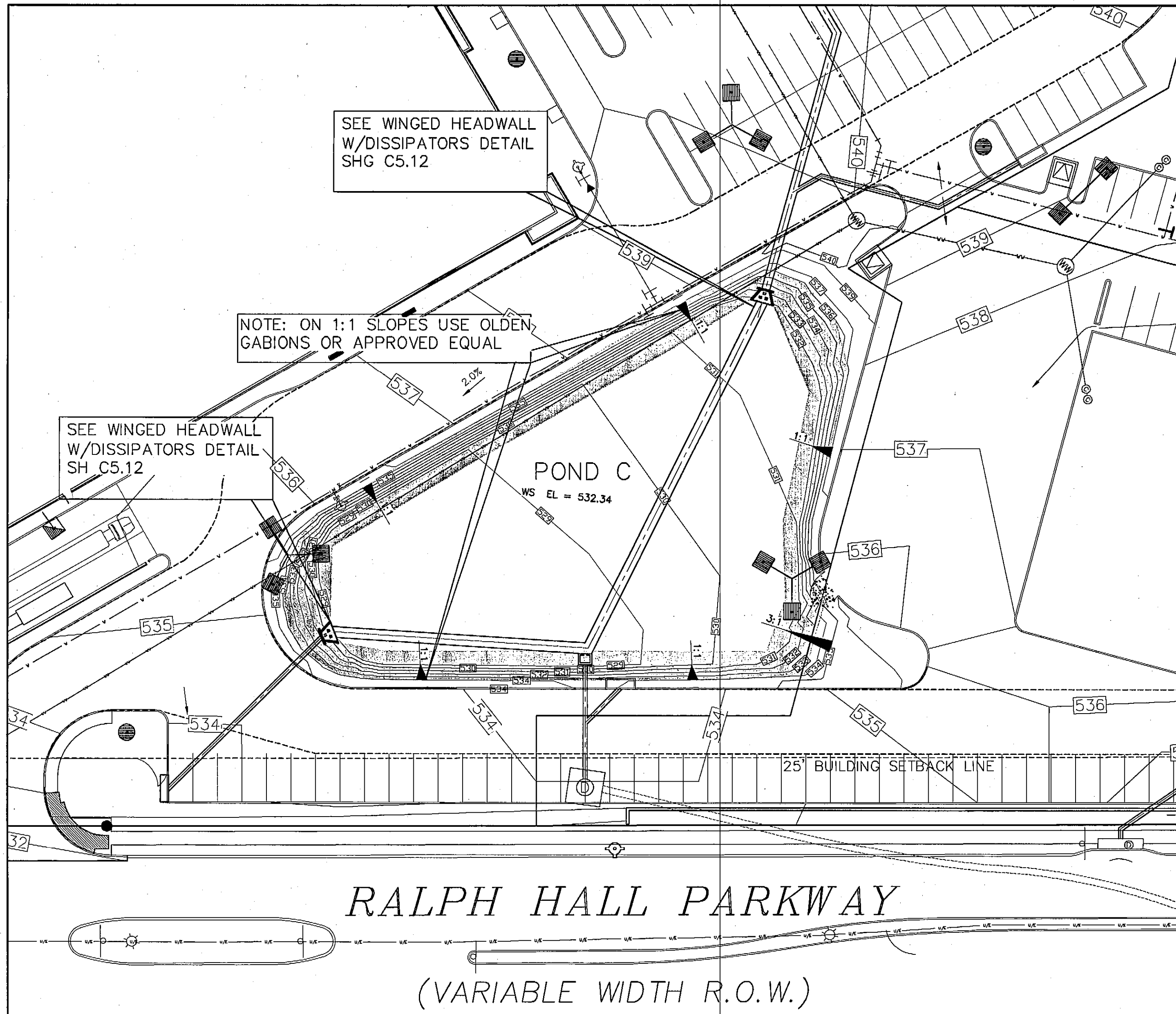
3/25/08
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC. SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
 DETENTION POND PLAN
 POND "B"

SHEET 42
 C5.11
 OF 56 SHEETS



MODIFIED RATIONAL METHOD FOR SIZING DETENTION BASINS

| EXISTING CONDITIONS | | Q ₁₀₀ |
|------------------------|------------|------------------|
| Area* | 9.89 Acres | |
| Runoff Coefficient* | 0.54 | |
| Time of Concentration* | 10.00 Min | |
| Rainfall Intensity | 9.80 in/hr | |
| Allowable Flow | 52.14 cfs | |

| DEVELOPED CONDITIONS-POND C | | Q ₁₀₀ |
|------------------------------|------------|------------------|
| Area* | 7.89 Acres | |
| Runoff Coefficient* | 0.90 | |
| Time of Concentration (Tcd)* | 10.00 Min | |
| Rainfall Intensity | 9.80 in/hr | |
| Developed Flows | 69.59 cfs | |

| DEVELOPED CONDITIONS-BYPASS | | Q ₁₀₀ |
|-----------------------------|------------|------------------|
| Area | 2.00 Acres | |
| Runoff Coefficient | 0.90 | |
| Time of Concentration (Tcd) | 10.00 Min | |
| Rainfall Intensity | 9.80 in/hr | |
| Developed Flows | 17.64 cfs | |

| Dur (Min) | Intensity | Flow | (A*C*60) | (Qd)(Tcd+A)/2(60) | Storage |
|-----------|-----------|-------|----------|-------------------|---------|
| 5.0 | 10.60 | 75.27 | 22,581 | 15,525 | 7,056 |
| 10.0 | 9.80 | 69.59 | 41,754 | 20,700 | 21,054 |
| 15.0 | 9.00 | 63.91 | 57,518 | 25,875 | 31,643 |
| 20.0 | 8.30 | 58.94 | 70,726 | 31,050 | 39,676 |
| 25.0 | 7.70 | 54.13 | 76,691 | 36,225 | 40,466 |
| 30.0 | 7.20 | 49.00 | 88,194 | 41,400 | 46,794 |
| 35.0 | 6.70 | 44.03 | 92,455 | 46,575 | 45,880 |
| 40.0 | 6.30 | 41.19 | 98,846 | 51,750 | 47,096 |
| 45.0 | 5.90 | 38.35 | 103,533 | 56,925 | 46,608 |
| 50.0 | 5.60 | 35.51 | 106,515 | 62,100 | 44,415 |
| 55.0 | 5.30 | 33.37 | 110,137 | 67,275 | 42,862 |
| 60.0 | 5.00 | 31.95 | 115,036 | 72,450 | 42,586 |

Volume required= 47,096 CF
1.08 AC. FT.

Provided Detention Pond Volume

| Elevation (FT) | Area (SF) | Incr. Vol. (CF) | Total Vol. (CF) |
|----------------|-----------|-----------------|-----------------|
| 528.55 | 0 | 0 | 0 |
| 529 | 6474.37 | 1456.73 | 1456.73 |
| 530 | 10988.23 | 8721.30 | 10178.03 |
| 531 | 15800.1 | 13384.17 | 23562.20 |
| 532 | 18402.84 | 17101.47 | 40663.67 |
| 533 | 19255.9 | 18649.37 | 59513.04 |
| 534 | 0 | 0.00 | 59513.04 |

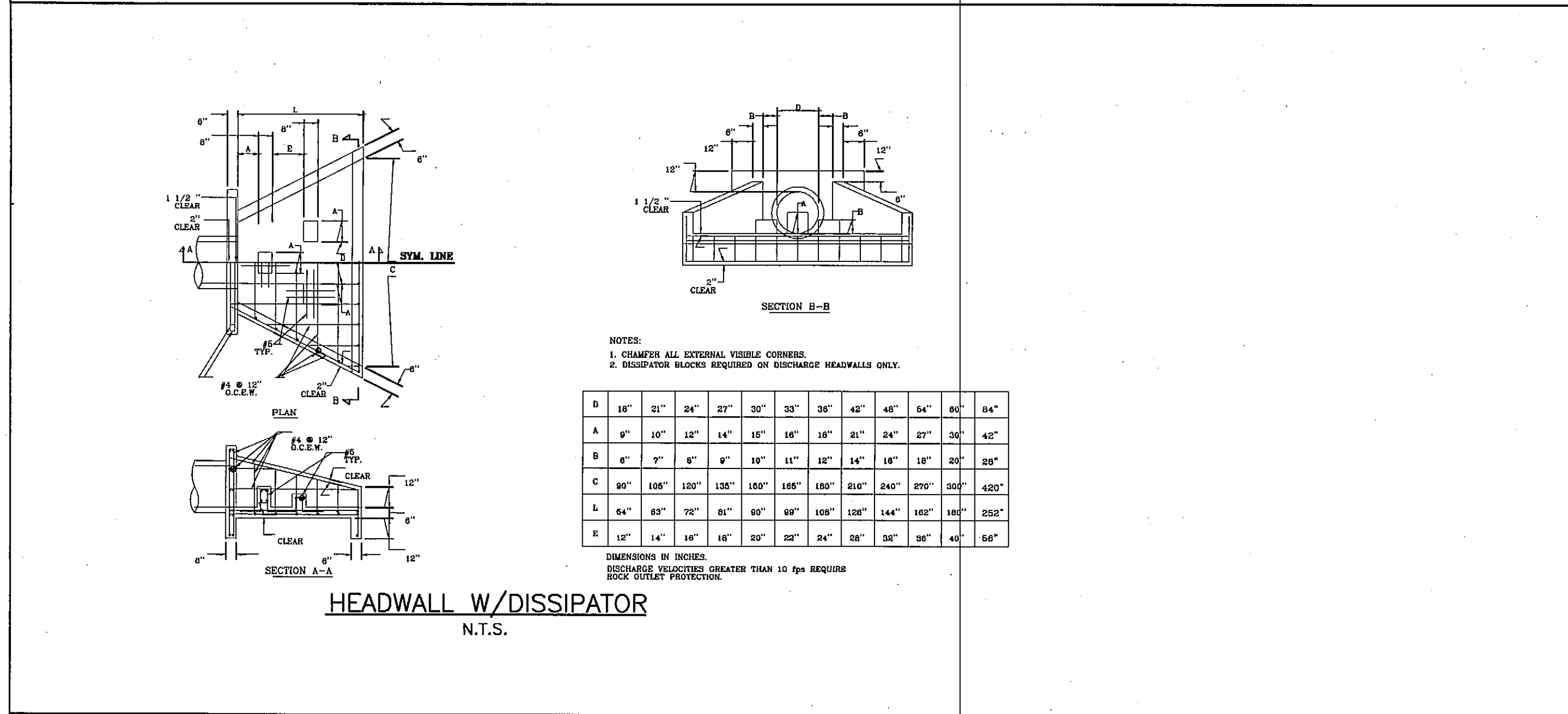
DETERMINATION OF WSEL

| Elevation (FT) | Total Vol. (CF) | Vol. Req'd (CF) | WSEL (FT) | Note |
|----------------|-----------------|-----------------|-----------|----------|
| 528.55 | 0 | | | |
| 529 | 1456.7325 | | | |
| 530 | 10178.0325 | | | |
| 531 | 23562.19825 | | | |
| | | 30145 | 531.38 | 10-Year |
| | | 35615 | 531.70 | 25-Year |
| 532 | 40663.66825 | | | |
| | | 41085 | 532.02 | 50-Year |
| | | 47098 | 532.34 | 100-Year |
| 533 | 59513.03625 | | | |
| 534 | 59513.03625 | | | |

Orifice Coefficient = 0.6 Weir Coefficient = 3.3367
Elevation of Centroid of Orifice 1 (FT) = 529.3 Area Or 1 (SF) = 3
Crest Elevation of Weir = 532 Length Crest (FT) = 1

DETERMINATION OF POST DEVELOPMENT DISCHARGE

| Elevation (FT) | Height above Centroid (FT) | Orifice 1 Discharge (CFS) | Weir Discharge (CFS) | Total Discharge (CFS) | Total Allowable Discharge Pond C (CFS) | Note |
|----------------|----------------------------|---------------------------|----------------------|-----------------------|--|----------|
| 531.38 | 2.08 | 20.83 | 0.00 | 20.83 | 25.35 | 10-Year |
| 531.7 | 2.4 | 22.38 | 0.00 | 22.38 | 28.52 | 25-Year |
| 532.02 | 2.72 | 23.82 | 0.47 | 24.30 | 31.69 | 50-Year |
| 532.34 | 3.04 | 25.19 | 1.86 | 27.13 | 34.5 | 100-Year |



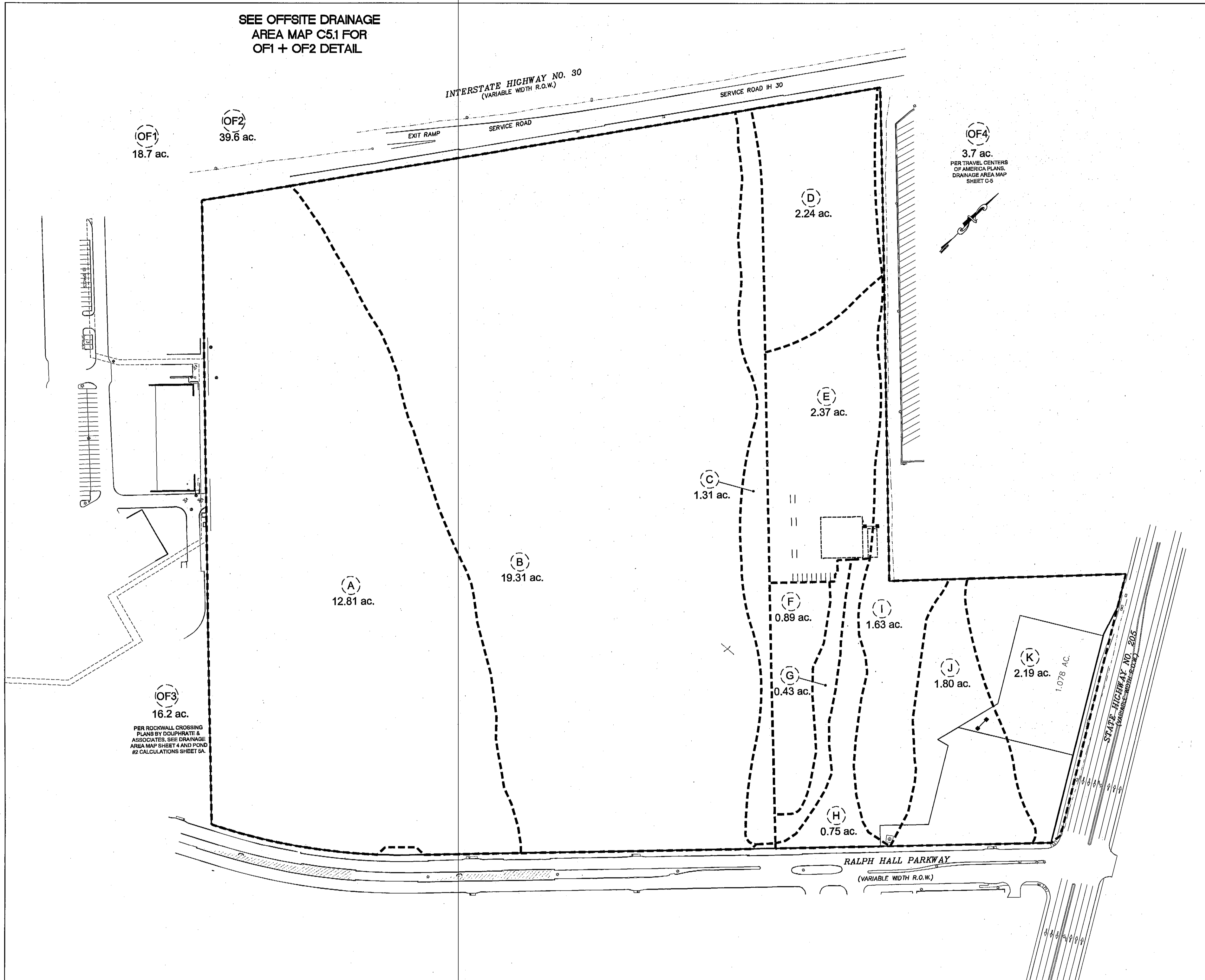
DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

LEGEND
LOCATION OF GABION WALLS. CONTRACTOR SHALL SUBMIT ENGINEER STAMPED SHOP DRAWINGS DETAILING CONSTRUCTION OF GABION WALLS FOR REVIEWS AND APPROVAL.

| | | | | | | | | | |
|--|--|--|--|---|-----------------------------|--|---------------------------|--|--|
| | | DESIGNED: RDC DRAWN: FM CHECKED: RS | | *THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 98829 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. DATE: 3/25/08 NAME: <i>Matthew D. Morgan</i> | ENGINEERS ARCHITECTS | | SURVEYORS PLANNERS | THE WOODMONT COMPANY PLAZA AT ROCKWALL DETENTION POND PLAN POND "C" | SHEET 43 C5.12 OF 56 SHEETS |
|--|--|--|--|---|-----------------------------|--|---------------------------|--|--|

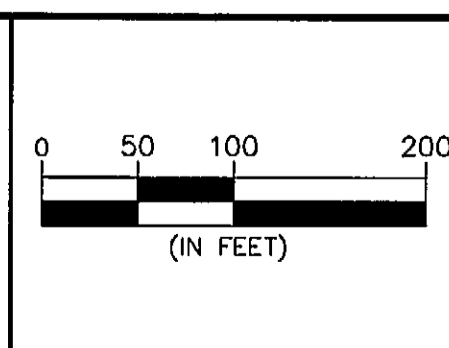
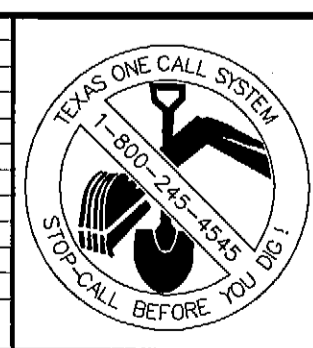
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SEE OFFSITE DRAINAGE
AREA MAP C5.1 FOR
OF1 + OF2 DETAIL

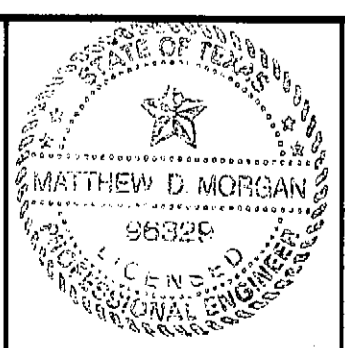


DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC.
HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS.
THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED
AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| | | | |
| | | | |
| | | | |



DESIGNED: **RDC**
DRAWN: **FM**
CHECKED: **RS**



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MATTHEW D. MORGAN, P.E. # 98329
ON THE DATE SHOWN ON THE DAYSTAMP.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE
ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT

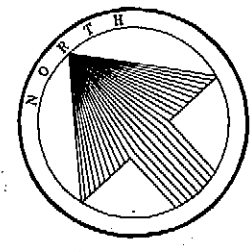
3/25/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS
THE WALLACE GROUP INC.
SURVEYORS PLANNERS

THE WOODMONT COMPANY
PLAZA AT ROCKWALL
EXISTING DRAINAGE MAP

SHEET 31
C5.0
OF 56 SHEETS

G:\Projects\118255\img\AS-BUILT\118255-AB-C50-C52-DIM.dwg, EX:DM1 (CS:0), 2/28/2008 3:45:31 PM, rmys, Xerox_MyArt1.pc3, 1:1



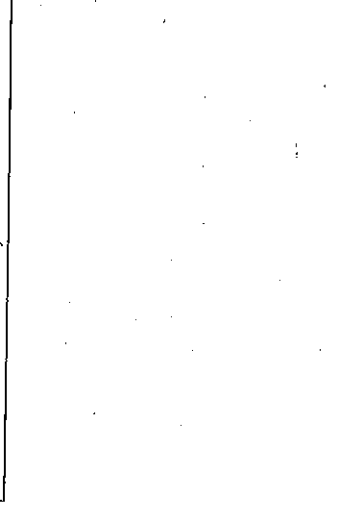
COORDINATES ARE BASED ON THE CITY OF ROCKWALL PLAT SYSTEM

| POINT | NORTHING | EASTING |
|-------|--------------|--------------|
| 1 | 7,020,064.20 | 2,592,551.37 |
| 2 | 7,018,703.58 | 2,598,174.39 |

EASEMENT LEGEND

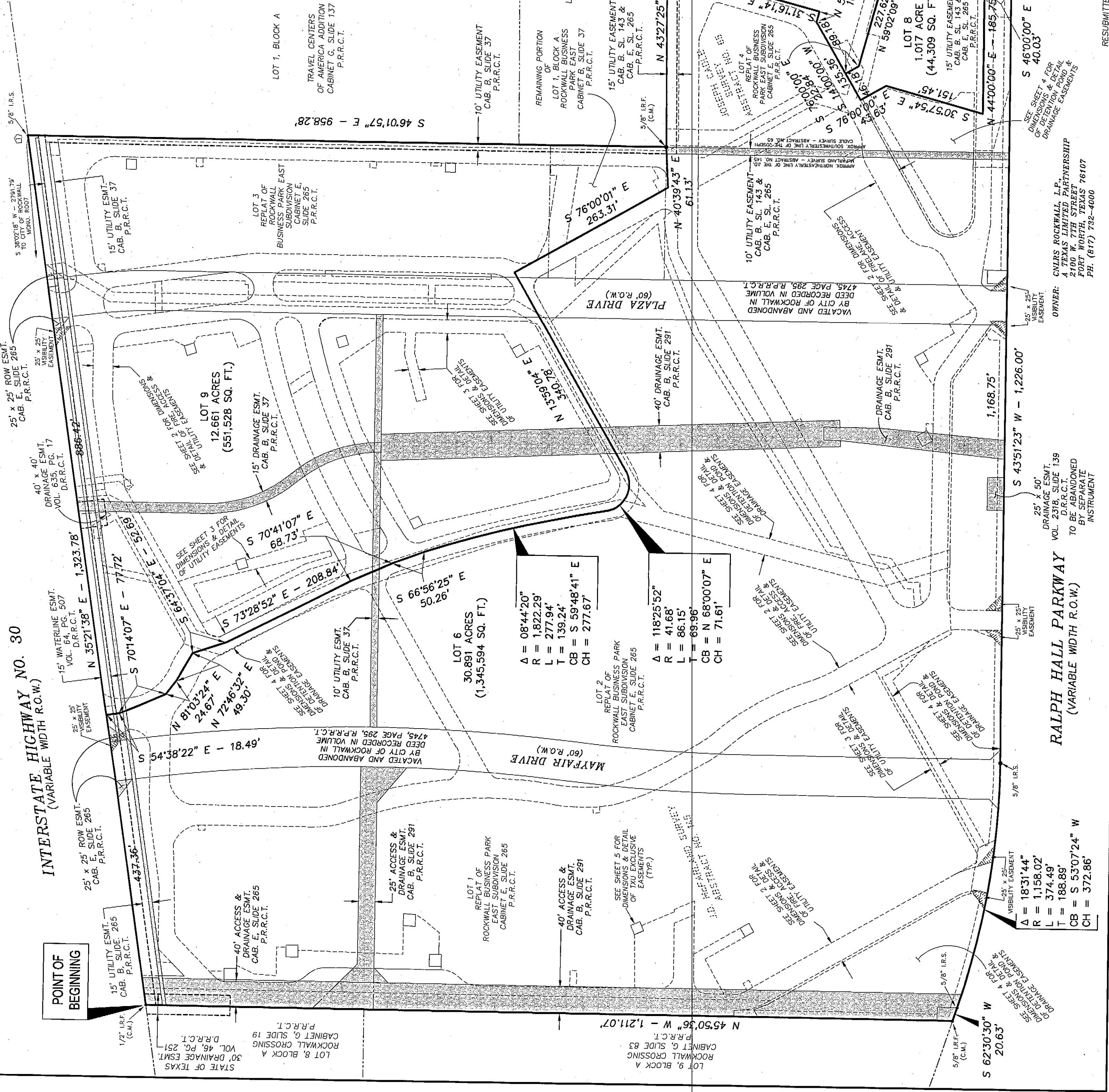
EXISTING ESM'T. TO BE ABANDONED BY THIS PLAT (NOTED)

NEW ESM'T. (NOTED)



NOTES:

- 1) THE SURVEYOR DID NOT ABSTRACT THE SUBJECT TRACT.
- 2) THE BEARINGS ARE BASED ON C.E.S. OBSERVATIONS AND TEXAS STATE PLANE (SURFACE) COORDINATES SET BY THE CITY OF ROCKWALL USING CONTROL POINTS ESTABLISHED BY THE CITY OF ROCKWALL.
- 3) THE SURVEYOR DOES NOT GUARANTEE THAT ALL EASEMENTS, RIGHTS, OR OTHER ENCUMBRANCES WHICH MAY AFFECT THE SUBJECT TRACT ARE SHOWN HEREON.
- 4) I.R.F. = IRON ROD FOUND
- U.S.F. = UTILITY EASEMENT
- C.A.B. = CONTROL MONUMENT
- C.I.P.F. = CAPPED IRON ROD FOUND
- Y.P. = YELLOW PLASTIC CAP STAMPED "THE WALLACE GROUP"
- P.R.R.C.T. = PLAT RECORDS, ROCKWALL COUNTY, TEXAS.



**LOTS 6, 7, 8 & 9
ROCKWALL BUSINESS
PARK EAST SUBDIVISION**

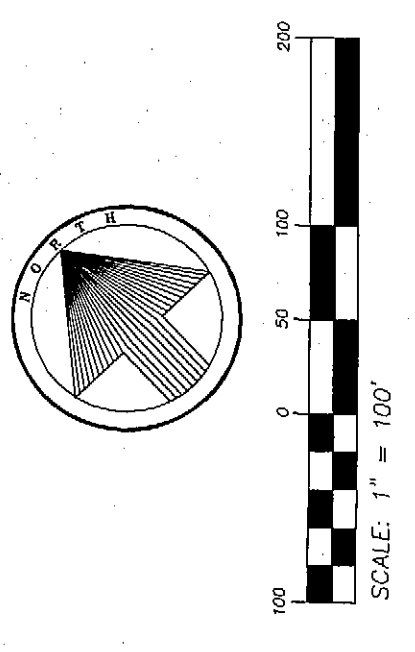
BEING A REPLAT OF
LOTS 1, 2, 3 & 4, OF
ROCKWALL BUSINESS PARK EAST SUBDIVISION
TOGETHER WITH THE
ABANDONED PLAZA DRIVE AND MAYFAIR DRIVE
AS RECORDED IN PLAT PAGE 296, R.P.R.C.T.
AND BEING 45.964 ACRES
AND LOCATED IN THE
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

SURVEYOR:
The Wallace Group, Inc.
Engineers ■ Architects ■ Planners ■ Surveyors
Waco ■ Killen ■ Dallas ■ Round Rock

183555-REFLAT-SHEET 1 FINAL.DWG SHEET 1 OF 7
JOB NO. 18355-14
RESUBMITTED: SEPT. 10, 2007
SUBMITTED: SEPT. 20, 2007

OWNER:
CURS ROCKWALL, L.P.
A TEXAS LIMITED PARTNERSHIP
2700 W. 7TH STREET
ROCKWALL, TEXAS 75087
PH: (817) 782-4000

INTERSTATE HIGHWAY NO. 30
(VARIABLE WIDTH R.O.W.)



LOT 1, BLOCK A
TRAVEL CENTERS
OF AMERICA ADDITION
CABINET G. SLIDE 137
P.R.R.C.T.

LOT 9
12,661 ACRES
(551,528 SQ. FT.)

LOT 6
30,861 ACRES
(1,345,594 SQ. FT.)

LOT 7
1,055 ACRE
(45,964 SQ. FT.)

LOT 8
1,017 ACRE
(44,309 SQ. FT.)

**FIRELANE, ACCESS AND UTILITY
DETAIL SHEET**
(SEE SHEET NO. 8 FOR LINE
& CURVE TABLE)

**LOTS 6, 7, 8 & 9
ROCKWALL BUSINESS
PARK EAST SUBDIVISION**
BEING A REPEAT OF
ROCKWALL BUSINESS PARK EAST SUBDIVISION
AND THE 0.7894 ACRE REMAINING PORTION OF
LOT 1, BLOCK A, OF ROCKWALL BUSINESS PARK EAST
SUBDIVISION, AS RECORDED IN VOLUME 4745, PAGE 295,
AS ABANDONED PLAZA DRIVE AND MAYFAIR DRIVE
AND BEING 46.824 ACRES
AS RECORDED IN VOLUME 4745, PAGE 295, R.P.R.C.T.
JOSEPH CADLE SURVEY, ABSTRACT NO. 66 AND THE
J.D. McFARLAND SURVEY, ABSTRACT NO. 145
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

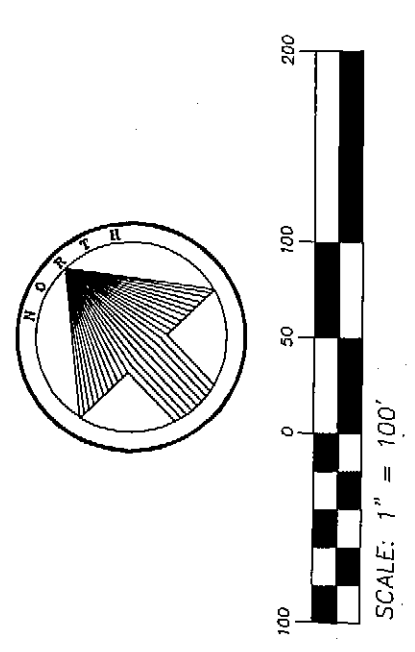
SURVEYOR:
The Wallace Group, Inc.
1825 Market Center Blvd.
Suite 210
Dallas, Texas 75207-3330
Phone 214-747-3735
Engineers ■ Architects ■ Planners ■ Surveyors
Waco ■ Kilbren ■ Dallas ■ Round Rock

OWNER: CYNAS ROCKWALL L.P.,
A TEXAS LIMITED PARTNERSHIP
FORT WORTH, TEXAS 76107
PH. (817) 732-4000

RALPH HALL PARKWAY
(VARIABLE WIDTH R.O.W.)

RESUBMITTED: SEPT. 26, 2007
SUBMITTED: SEPT. 20, 2007
JOB NO. 18358-14 18358-REPLAT-SHT-2-7B FINAL.DWG SHEET 2 OF 7

INTERSTATE HIGHWAY NO. 30
(VARIABLE WIDTH R.O.W.)



LOT 1, BLOCK A
TRAVEL CENTERS
OF AMERICA ADDITION
CABINET G. SLIDE 137
P.R.R.C.T.

LOT 9
12,661 ACRES
(551,528 SQ. FT.)

LOT 6
30,861 ACRES
(1,345,594 SQ. FT.)

LOT 7
1,055 ACRE
(45,964 SQ. FT.)

LOT 8
1,017 ACRE
(44,309 SQ. FT.)

**UTILITY EASEMENT
DETAIL SHEET**
(SEE SHEET NO. 6 FOR LINE
& CURVE TABLE)

**LOTS 6, 7, 8 & 9
ROCKWALL BUSINESS
PARK EAST SUBDIVISION**
BEING A REPEAT OF
ROCKWALL BUSINESS PARK EAST SUBDIVISION
AND THE 0.7894 ACRE REMAINING PORTION OF
LOT 1, BLOCK A, OF ROCKWALL BUSINESS PARK EAST
SUBDIVISION, AS ABANDONED PLAZA DRIVE AND MAYFAIR DRIVE
AND BEING 46.824 ACRES
AS RECORDED IN VOLUME 4745, PAGE 295, R.P.R.C.T.
JOSEPH CADLE SURVEY, ABSTRACT NO. 66 AND THE
J.D. McFARLAND SURVEY, ABSTRACT NO. 145
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

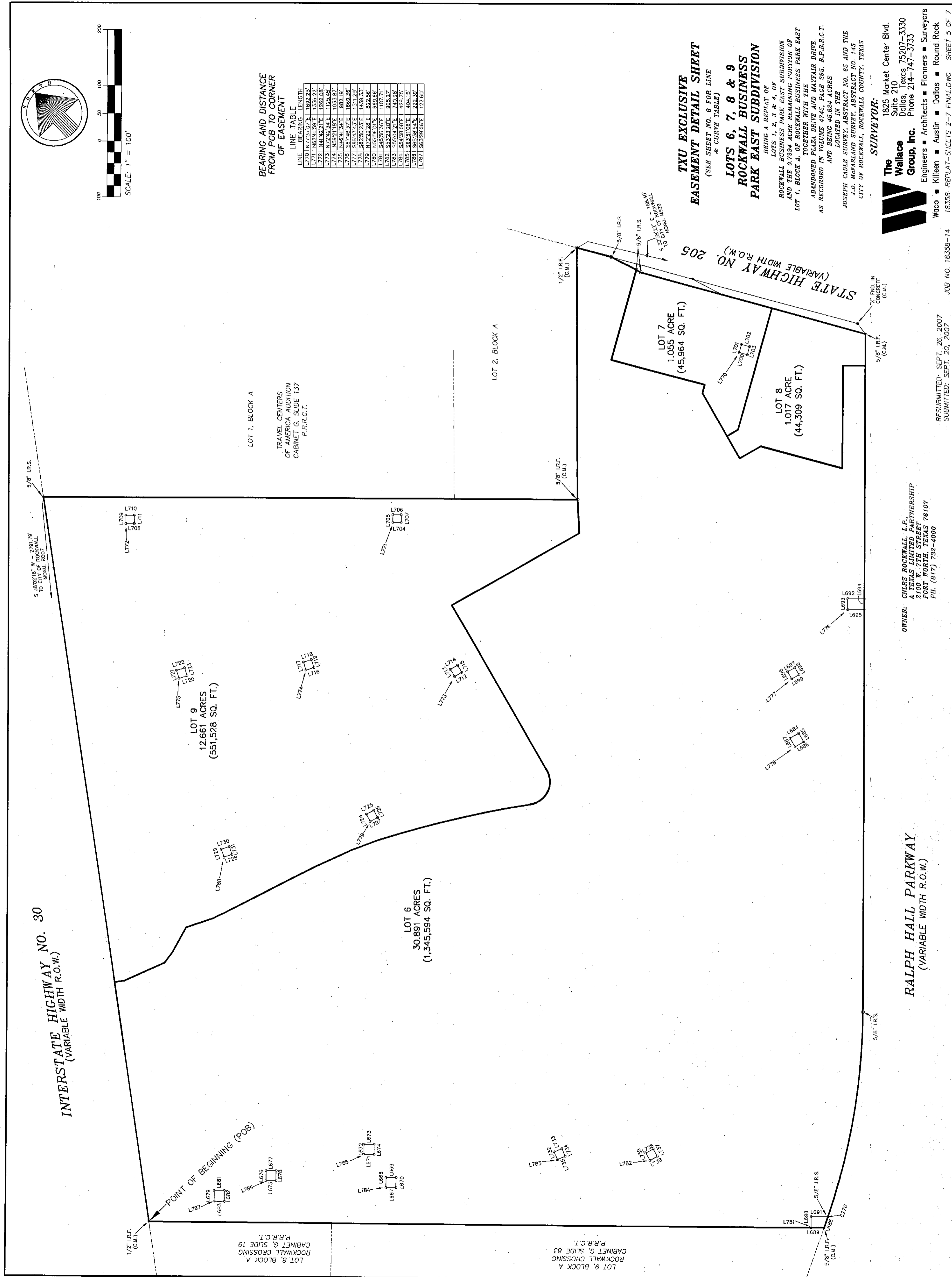
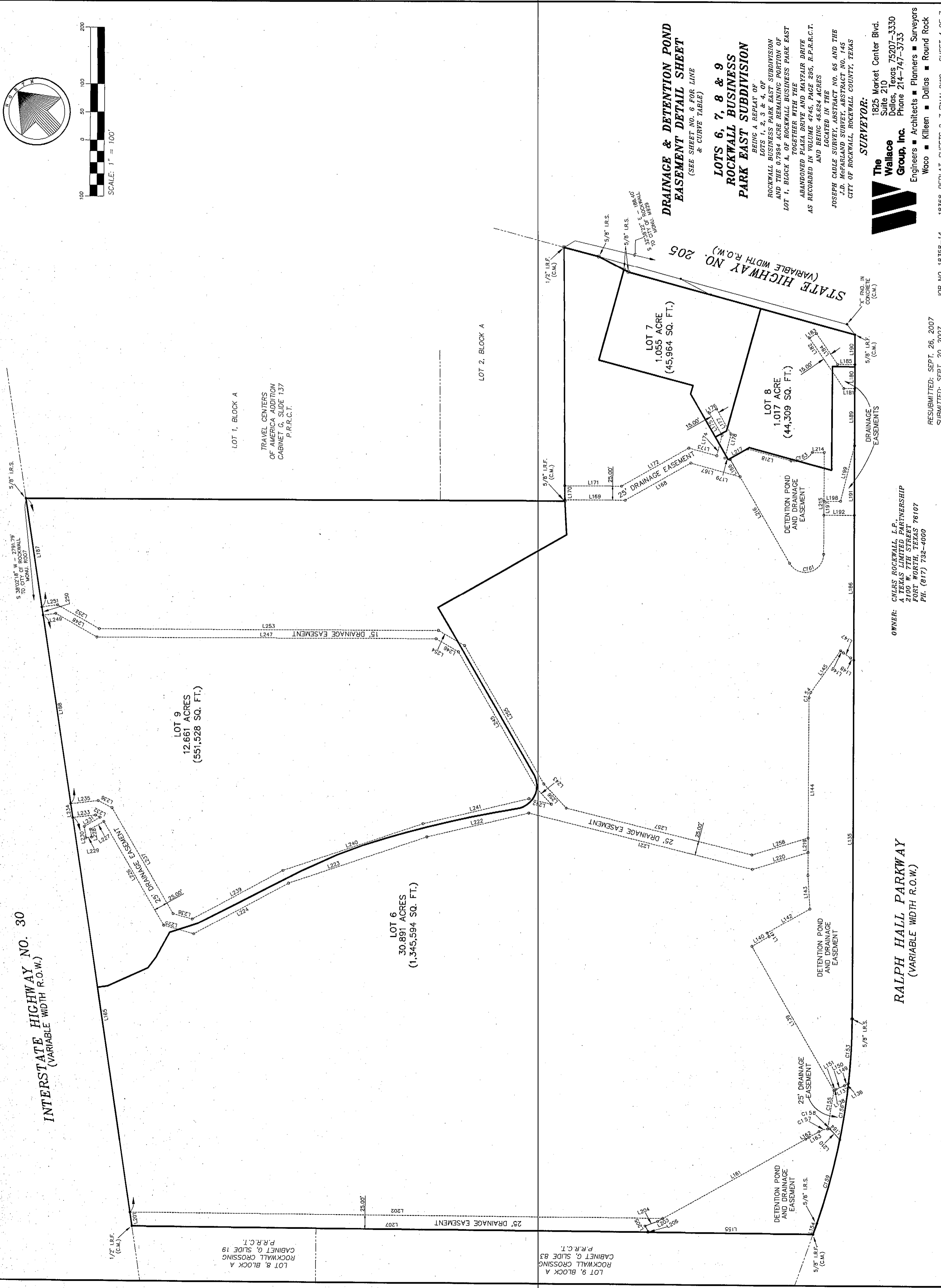
SURVEYOR:
The Wallace Group, Inc.
1825 Market Center Blvd.
Suite 210
Dallas, Texas 75207-3330
Phone 214-747-3735
Engineers ■ Architects ■ Planners ■ Surveyors
Waco ■ Kilbren ■ Dallas ■ Round Rock

OWNER: CYNAS ROCKWALL L.P.,
A TEXAS LIMITED PARTNERSHIP
FORT WORTH, TEXAS 76107
PH. (817) 732-4000

RALPH HALL PARKWAY
(VARIABLE WIDTH R.O.W.)

RESUBMITTED: SEPT. 26, 2007
SUBMITTED: SEPT. 20, 2007
JOB NO. 18358-14 18358-REPLAT-SHT-2-7B FINAL.DWG SHEET 3 OF 7

NOTE: THE LIGHT SOLID LINES ARE FOR
LOCATION PURPOSES ONLY. THEY
DO NOT REFLECT AN EASEMENT
(TYPICAL).



BEARING AND DISTANCE FROM POB TO CORNER OF EASEMENT

| LINE | BEARING | LENGTH |
|------|-------------|---------|
| L171 | N82°24'56"E | 1338.22 |
| L172 | S77°22'24"E | 1125.48 |
| L173 | N77°22'24"E | 1125.48 |
| L174 | S82°24'56"E | 1338.22 |
| L175 | N82°24'56"E | 1338.22 |
| L176 | S77°22'24"E | 1125.48 |
| L177 | N77°22'24"E | 1125.48 |
| L178 | S82°24'56"E | 1338.22 |
| L179 | N82°24'56"E | 1338.22 |
| L180 | S77°22'24"E | 1125.48 |
| L181 | N77°22'24"E | 1125.48 |
| L182 | S82°24'56"E | 1338.22 |
| L183 | N82°24'56"E | 1338.22 |
| L184 | S77°22'24"E | 1125.48 |
| L185 | N77°22'24"E | 1125.48 |
| L186 | S82°24'56"E | 1338.22 |
| L187 | N82°24'56"E | 1338.22 |

FIRELANE, ACCESS AND UTILITY EASEMENT

Table with columns: LINE, BEARING, LENGTH, CURVE DELTA, RADIUS, LENGTH, TANGENT, BEARING, CHORD. Contains survey data for firelane, access, and utility easements.

DRAINAGE & DETENTION POND EASEMENT

Table with columns: LINE, BEARING, LENGTH, CURVE DELTA, RADIUS, LENGTH, TANGENT, BEARING, CHORD. Contains survey data for drainage and detention pond easements.

UTILITY & TXU EXCLUSIVE EASEMENT

Table with columns: LINE, BEARING, LENGTH, CURVE DELTA, RADIUS, LENGTH, TANGENT, BEARING, CHORD. Contains survey data for utility and TXU exclusive easements.

UTILITY & TXU EXCLUSIVE EASEMENT

Table with columns: LINE, BEARING, LENGTH, CURVE DELTA, RADIUS, LENGTH, TANGENT, BEARING, CHORD. Contains survey data for utility and TXU exclusive easements.

OWNER'S CERTIFICATE
BEING A 45,624 acre tract (1,987,395 square feet) of land situated in the J.D. McFarland Survey, Abstract No. 65, in the City of Rockwall, Rockwall County, Texas...

OWNER: OWENS ROCKWALL, L.P., A TEXAS LIMITED PARTNERSHIP
2100 W. 7TH STREET, SUITE 200, ROCKWALL, TEXAS 75087
PH: (972) 732-4000

OWNER: THE WALLACE GROUP, INC.
1825 Market Center Blvd. Suite 210 Dallas, Texas 75207-3330
Phone 214-747-3133
Engineers: Architects ■ Planners ■ Surveyors
Waco ■ Killeen ■ Dallas ■ Round Rock

BEING A 45,624 acre tract (1,987,395 square feet) of land situated in the J.D. McFarland Survey, Abstract No. 65, in the City of Rockwall, Rockwall County, Texas...

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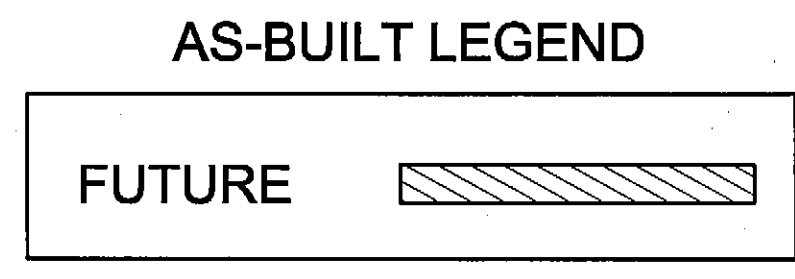
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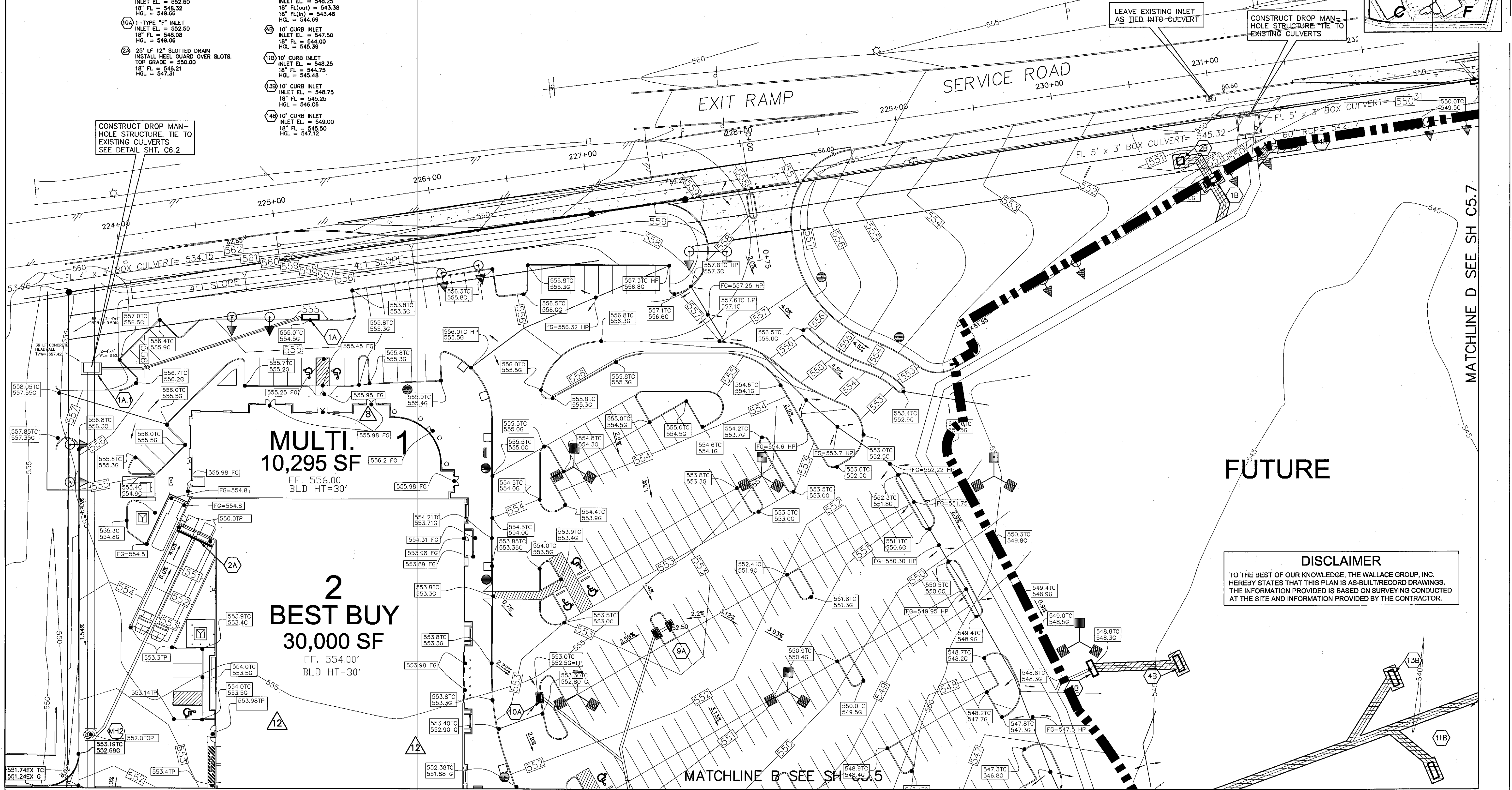
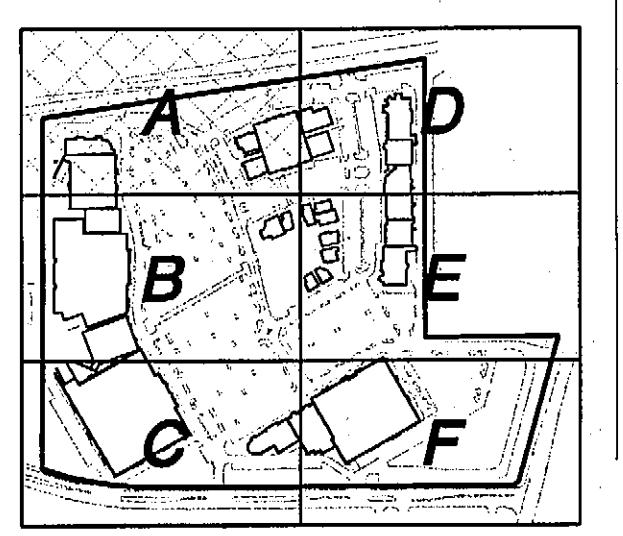
- STORMLINE 'A'**
- (1A) DROP JUNCTION BOX
SEE DETAIL SHEET C6.2
TOP EL. = 557.42
FL(IN) = 552.42
FL(OUT) = 547.85
 - (1A) 10" CURB INLET
INLET EL. = 554.90
18" FL = 550.50
HGL = 552.23
 - (2A) 2-TYPE "F" INLETS
(SEE DETAIL SHT. C5.7)
INLET EL. = 552.50
18" FL = 548.32
HGL = 549.66
 - (10A) 1-TYPE "F" INLET
INLET EL. = 552.50
18" FL = 548.08
HGL = 549.08
 - (2A) 25' LF 12" SLOTTED DRAIN
INSTALL HEEL GUARD OVER SLOTS.
TOP GRADE = 550.00
18" FL = 546.21
HGL = 547.31

- STORMLINE 'B'**
- (1B) 10" CURB INLET
INLET EL. = 549.00
18" FL(OUT) = 542.40
18" FL(IN) = 542.50
HGL = 547.21
 - (2B) 3x3" DROP INLET
TOP GRATE = 550.50
18" FL = 542.79
HGL = 547.62
 - (1B) 1-TYPE "F" INLET
INLET EL. = 548.25
18" FL(OUT) = 543.38
18" FL(IN) = 543.48
HGL = 544.69
 - (10B) 10" CURB INLET
INLET EL. = 547.50
18" FL = 544.00
HGL = 545.39
 - (11B) 10" CURB INLET
INLET EL. = 548.25
18" FL = 544.75
HGL = 545.48
 - (13B) 10" CURB INLET
INLET EL. = 548.75
18" FL = 545.25
HGL = 546.08
 - (14B) 10" CURB INLET
INLET EL. = 549.00
18" FL = 545.50
HGL = 547.12

- MANHOLES**
- (MH2) TOP OF RIM = 552.00
54" FL(OUT) = 544.74
54" FL(IN) = 544.84
18" FL = 545.50



INTERSTATE HIGHWAY NO. 30 (VARIABLE WIDTH R.O.W.)



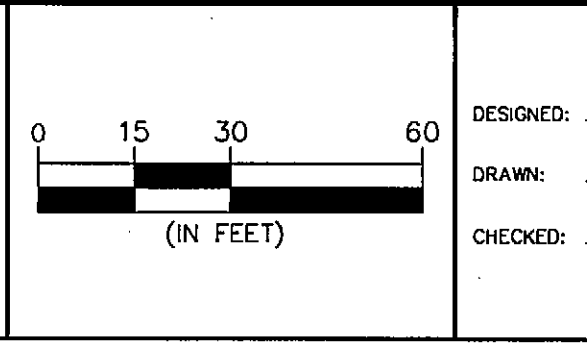
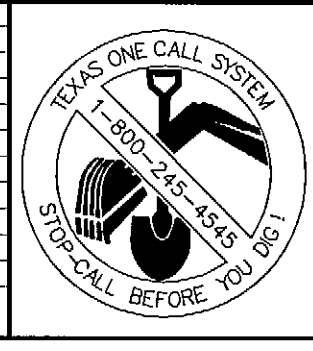
FUTURE

DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

MATCHLINE D SEE SH C5.7

MATCHLINE B SEE SH C5.5

| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|---|
| 1 | 5-14-07 | MM | REVISED AND ADDED VARIOUS SPOT ELEVATIONS |
| 2 | 4-12-07 | MM | ADJUSTED GRADES FOR ADA REQUIREMENTS |



DESIGNED: _____
DRAWN: _____
CHECKED: _____

"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96328 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

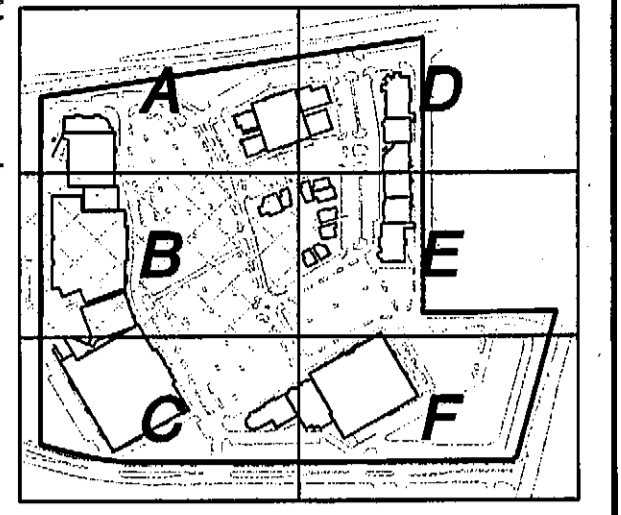
ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
PLAZA AT ROCKWALL
GRADING PLAN A

MATCHLINE A SEE SH C5.4



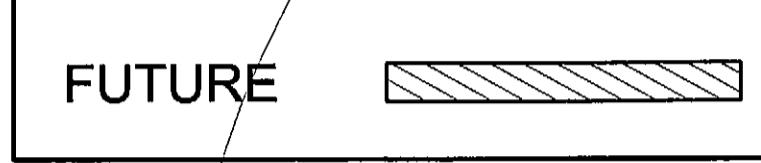
3
ULTA
10,200 SF
FF. 552.66'
BLD HT=30'

RETAIL 3a
4,175 SF
BLD HT=30'

5
DICK'S
50,000 SF
FF. 548.66'
BLD HT=30'

4
STAPLES
20,355 SF
FF. 544.16'
BLD HT=28'

AS-BUILT LEGEND



DISCLAIMER

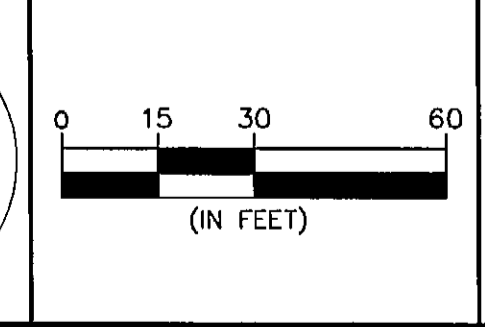
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FUTURE

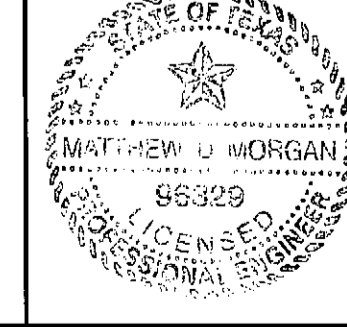
MATCHLINE E SEE SH C5.8

MATCHLINE C SEE SH C5.6

| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|---|
| 11-8-07 | | MM | ADDED 4" STORM LINE TO CONNECT DICKS FOUNDATION DRAIN TO 54" |
| 9-12-07 | | MM | REVISED SPOT ELEVATIONS AT REAR OF BLDG. 3/A |
| 9-12-07 | | MM | ADDED TWO ACCESS DRIVES ON WEST |
| 8-02-07 | | MM | REVISED SPOT ELEVATION BEHIND BUILDING 3 |
| 7-25-07 | | MM | REVISED SPOT ELEVATION BEHIND 22' DRIVEWAYS TO MATCH TRIANGLE ON |
| 5-14-07 | | MM | ADDED SPOT ELEVATIONS TO STACK WALL |
| 5-14-07 | | MM | REVISED AND ADDED VARIOUS SPOT ELEVATIONS |
| 4-12-07 | | MM | ADDED SPOT ELEVATIONS AT DRIVEWAYS FOR TAB REVIEW |
| 4-12-07 | | MM | ADDED 8" INTERIOR FROM DICKS' LOADING DOCK DRAIN INLET TO 34" ROP |
| 4-10-07 | | MM | REVISED Storm Connection for Staples and Inlet 7A to connect to 80" |
| 3-8-07 | | RSJ | Add contour labelling |



DESIGNED:
DRAWN:
CHECKED:



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96339 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

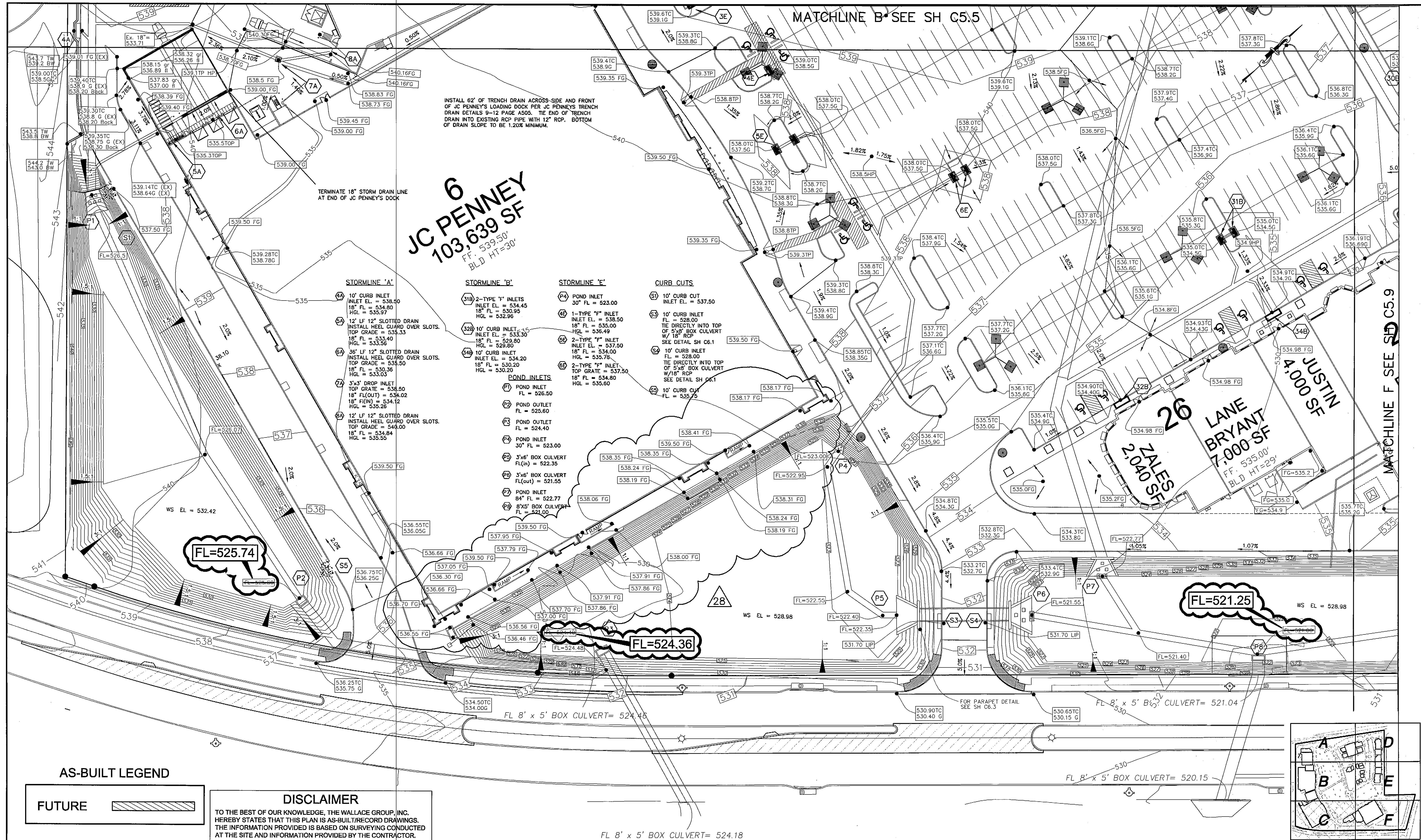
THE WALLACE GROUP INC.

ENGINEERS ARCHITECTS SURVEYORS PLANNERS

THE WOODMONT COMPANY

PLAZA AT ROCKWALL

GRADING PLAN B

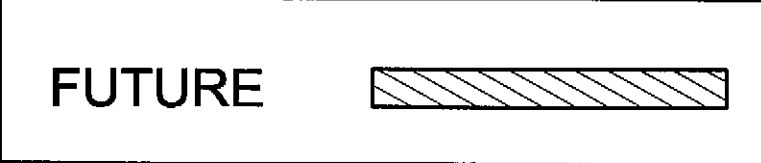


6
JC PENNEY
 103,639 SF
 FF: 539.50'
 BLD HT=30'

TERMINATE 18" STORM DRAIN LINE AT END OF JC PENNEY'S DOCK

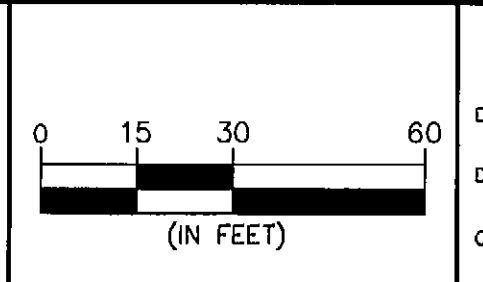
- STORMLINE 'A'**
- 10" CURB INLET INLET EL. = 538.50 18" FL = 534.80 HGL = 535.97
 - 12' LF 12" SLOTTED DRAIN INSTALL HEEL GUARD OVER SLOTS. TOP GRADE = 533.33 18" FL = 533.40 HGL = 533.56
 - 36' LF 12" SLOTTED DRAIN INSTALL HEEL GUARD OVER SLOTS. TOP GRADE = 535.50 18" FL = 530.36 HGL = 533.03
 - 3"x3" DROP INLET TOP GRADE = 536.50 18" FL(OUT) = 534.02 18" FL(IN) = 534.12 HGL = 535.26
 - 12' LF 12" SLOTTED DRAIN INSTALL HEEL GUARD OVER SLOTS. TOP GRADE = 540.00 18" FL = 534.84 HGL = 535.55
- STORMLINE 'B'**
- 2-TYPE "I" INLETS INLET EL. = 534.45 18" FL = 530.95 HGL = 532.98
 - 10" CURB INLET INLET EL. = 533.30 18" FL = 529.80 HGL = 529.80
 - 10" CURB INLET INLET EL. = 534.20 18" FL = 530.20 HGL = 530.20
- STORMLINE 'E'**
- POND INLET INLET EL. = 523.00 30" FL = 523.00
 - 1-TYPE "I" INLET INLET EL. = 538.50 18" FL = 535.00 HGL = 536.49
 - 2-TYPE "I" INLET INLET EL. = 537.50 18" FL = 534.00 HGL = 535.78
 - 2-TYPE "I" INLET INLET EL. = 537.50 18" FL = 534.80 HGL = 536.60
- POND INLETS**
- POND INLET INLET EL. = 526.50 30" FL = 526.50
 - POND OUTLET FL = 525.60
 - POND OUTLET FL = 524.40
 - POND INLET INLET EL. = 523.00 30" FL = 523.00
 - 3"x6" BOX CULVERT FL(IN) = 522.35
 - 3"x6" BOX CULVERT FL(OUT) = 521.55
 - POND INLET INLET EL. = 522.77 84" FL = 521.00
 - 8"x5" BOX CULVERT FL = 521.00
- CURB CUTS**
- 10" CURB CUT INLET EL. = 537.50
 - 10" CURB INLET FL = 528.00 TIE DIRECTLY INTO TOP OF 5"x8" BOX CULVERT W/ 18" RCP SEE DETAIL SH C6.1
 - 10" CURB INLET FL = 528.00 TIE DIRECTLY INTO TOP OF 5"x8" BOX CULVERT W/ 18" RCP SEE DETAIL SH C6.1
 - 10" CURB CUT FL = 535.75

AS-BUILT LEGEND

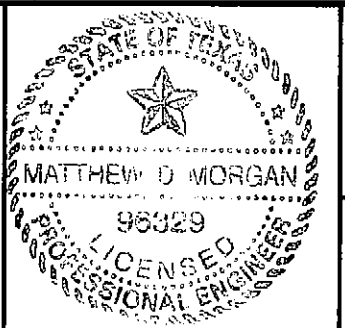


DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



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3/25/18 *M.M.O. Morgan*
 DATE NAME

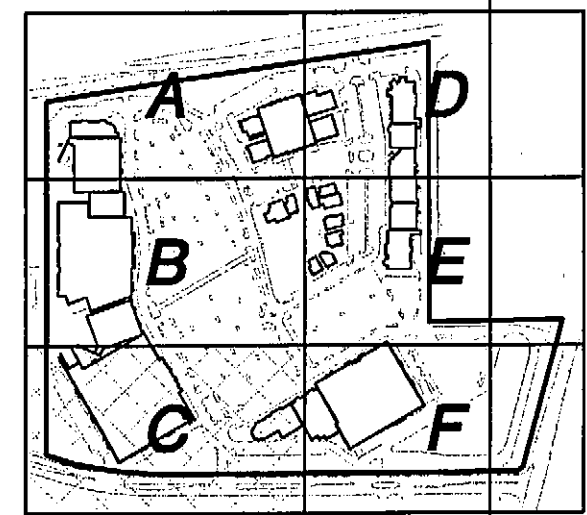
ENGINEERS ARCHITECTS
THE WALLACE GROUP INC.
SURVEYORS PLANNERS

THE WOODMONT COMPANY
PLAZA AT ROCKWALL
GRADING PLAN C

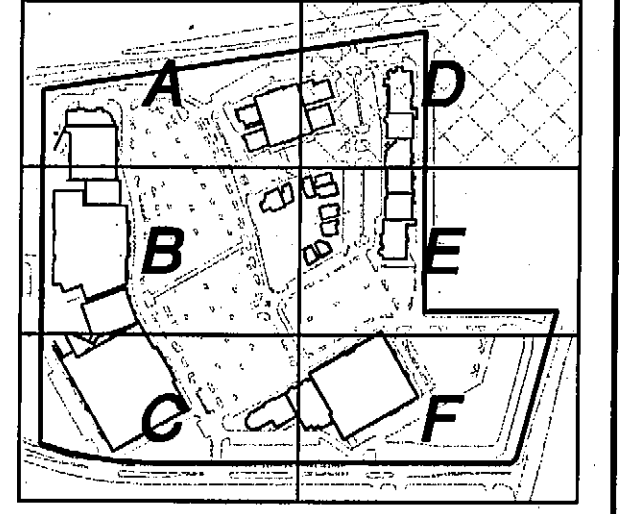
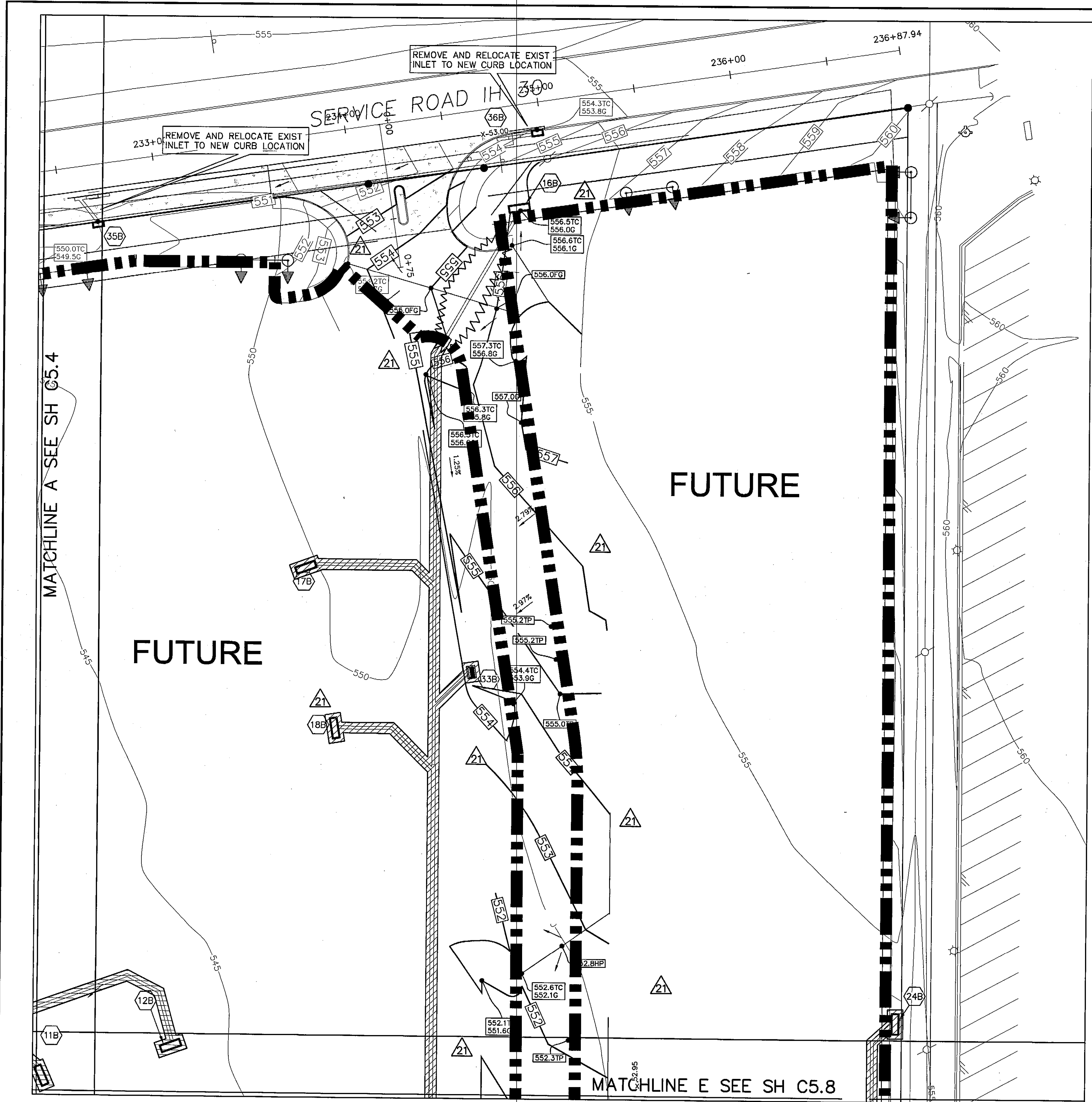
SHEET 37

C5.6

OF 56 SHEETS



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STORMLINE 'A'

(A) DROP JUNCTION BOX
SEE DETAIL SH C6.2
TOP EL = 557.42
FL(IN) = 552.42
FL(OUT) = 547.85

(1A) 10' CURB INLET
INLET EL = 554.50
18" FL = 550.50
HGL = 552.23

(2A) 25' LF 12" SLOTTED DRAIN
INSTALL HEEL GUARD OVER SLOTS.
TOP GRADE = 550.00
18" FL = 546.21
HGL = 547.31

(3A) 10' CURB INLET
INLET EL = 547.75
18" FL = 542.45
HGL = 545.58

(4A) 10' CURB INLET
INLET EL = 538.50
18" FL = 534.80
HGL = 534.80

(5A) 12' LF 12" SLOTTED DRAIN
INSTALL HEEL GUARD OVER SLOTS.
TOP GRADE = 535.33
18" FL = 543.40
HGL = 533.53

(6A) 36' LF 12" SLOTTED DRAIN
INSTALL HEEL GUARD OVER SLOTS.
TOP GRADE = 535.50
18" FL = 530.36
HGL = 533.60

(7A) 3'x3' DROP INLET
TOP GRADE = 538.50
18" FL(OUT) = 530.73
18" FL(IN) = 530.83
HGL = 535.46

(8A) 12' LF 12" SLOTTED DRAIN
INSTALL HEEL GUARD OVER SLOTS.
TOP GRADE = 540.00
18" FL = 532.30
HGL = 535.51

(9A) 2-TYPE 'F' INLETS
INLET EL = 552.50
18" FL = 548.32
HGL = 549.66

(10A) 1-TYPE 'F' INLET
INLET EL = 552.50
18" FL = 548.08
HGL = 549.06

(11A) 1-TYPE 'F' INLET
INLET EL = 547.00
18" FL = 543.93
HGL = 544.55

(12A) 1-TYPE 'F' INLET
INLET EL = 547.50
18" FL = 544.00
HGL = 544.86

(13A) 2-TYPE 'F' INLETS
INLET EL = 545.50
18" FL = 541.87
HGL = 543.50

(14A) 1-TYPE 'F' INLET
INLET EL = 546.50
18" FL = 541.21
HGL = 543.30

(15A) 3'x3' DROP INLET
TOP GRADE = 543.50
HGL = 539.93

INLET AND MANHOLE TABLE

STORMLINE 'B'

(1B) 10' CURB INLET
INLET EL = 549.00
18" FL(OUT) = 542.40
18" FL(IN) = 542.50
HGL = 547.21

(2B) 3'x3' DROP INLET
TOP GRADE = 550.50
18" FL = 542.79
HGL = 547.62

(3B) 1-TYPE 'F' INLET
INLET EL = 548.25
18" FL(OUT) = 543.38
18" FL(IN) = 543.48
HGL = 544.69

(4B) 10' CURB INLET
INLET EL = 547.50
18" FL = 544.00
HGL = 545.39

(5B) 10' CURB INLET
INLET EL = 543.35
18" FL = 534.58
HGL = 538.49

(6B) DELETED

(7B) 10' CURB INLET
INLET EL = 542.35
18" FL = 538.85
HGL = 539.81

(8B) 1-TYPE 'F' INLET
INLET EL = 542.75
18" FL = 539.25
HGL = 540.76

(9B) 3'x3' DROP INLET
TOP GRADE = 538.50
18" FL = 535.00
HGL = 536.26

(10B) 10' CURB INLET
INLET EL = 537.85
18" FL = 534.35
HGL = 536.11

(11B) 10' CURB INLET
INLET EL = 548.25
18" FL = 544.76
HGL = 545.48

(12B) 10' CURB INLET
INLET EL = 548.45
18" FL = 544.95
HGL = 546.87

(13B) 10' CURB INLET
INLET EL = 548.75
18" FL = 545.25
HGL = 546.08

(14B) 10' CURB INLET
INLET EL = 549.00
18" FL = 545.50
HGL = 547.12

(15B) 10' CURB INLET
INLET EL = 545.50
18" FL = 542.00
HGL = 543.36

(16B) 10' CURB INLET
INLET EL = 556.0
18" FL = 551.50
HGL = 552.80

(17B) 10' CURB INLET
INLET EL = 551.70
18" FL = 548.20
HGL = 549.24

(18B) 10' CURB INLET
INLET EL = 551.50
18" FL = 547.50
HGL = 548.36

(19B) 10' CURB INLET
INLET EL = 547.50
18" FL = 544.00
HGL = 545.31

(20B) 10' CURB INLET
INLET EL = 547.50
18" FL = 544.00
HGL = 545.58

(21B) 10' CURB INLET
INLET EL = 542.15
18" FL = 539.65
HGL = 540.34

(22B) 3'x3' DROP INLET
TOP GRADE = 538.50
18" FL = 535.00
HGL = 536.26

(23B) 10' CURB INLET
INLET EL = 537.00
18" FL = 533.50
HGL = 535.04

(24B) 10' CURB INLET
INLET EL = 537.85
18" FL = 534.35
HGL = 536.11

(25B) 10' CURB INLET
INLET EL = 549.00
18" FL = 544.76
HGL = 545.48

(26B) 10' CURB INLET
INLET EL = 547.70
18" FL = 544.20
HGL = 544.20

(27B) 10' CURB INLET
INLET EL = 539.00
18" FL = 535.50
HGL = 537.41

STORMLINE 'C'

(1C) 2-TYPE 'F' INLETS
INLET EL = 538.50
18" FL = 535.00
HGL = 535.00

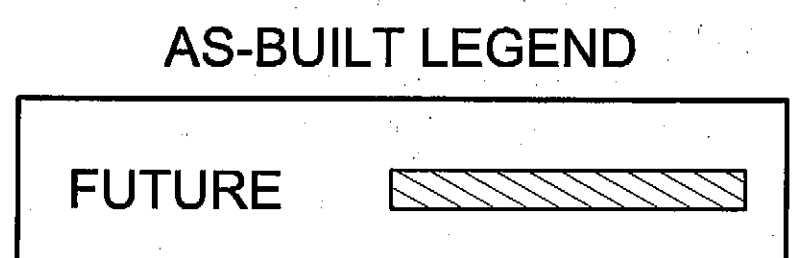
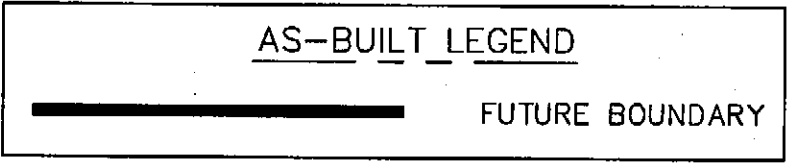
(2C) DELETED

(3C) 10' CURB INLET
INLET EL = 539.00
18" FL = 535.50
HGL = 536.91

STORMLINE 'D'

(1D) 10' CURB INLET
INLET EL = 535.50
18" FL = 532.00
HGL = 532.00

(2D) 10' CURB INLET
INLET EL = 534.25
18" FL = 530.75
HGL = 530.75



STORMLINE 'E'

(1E) 1-TYPE 'F' INLET
INLET EL = 544.30
18" FL = 540.80
HGL = 541.48

(2E) 1-TYPE 'F' INLET
INLET EL = 538.70
18" FL = 535.20
HGL = 537.18

(3E) 1-TYPE 'F' INLET
INLET EL = 539.10
18" FL = 535.60
HGL = 537.52

(4E) 1-TYPE 'F' INLET
INLET EL = 538.50
18" FL = 535.00
HGL = 536.49

(5E) 2-TYPE 'F' INLET
INLET EL = 537.50
18" FL = 534.00
HGL = 535.78

(6E) 2-TYPE 'F' INLET
INLET EL = 537.50
HGL = 535.60

(7E) 1-TYPE 'F' INLET
INLET EL = 544.00
18" FL = 540.50
HGL = 540.98

STORMLINE 'F'

(1F) 10' CURB INLET
INLET EL = 533.50
18" FL = 529.50
HGL = 530.00

CURB CUTS

(2F) 10' CURB CUT
INLET EL = 537.50

(3F) 10' CURB INLET
FL = 528.00

(4F) 10' CURB INLET
FL = 528.00

(5F) 10' CURB CUT
FL = 535.75

(6F) 10' CURB CUT
FL = 533.70

(7F) 10' CURB CUT
FL = 535.50

(8F) WYE INLET CAPPED
BELOW GRADE
FL = 527.70

POND INLETS

(P1) POND INLET
FL = 526.50

(P2) POND OUTLET
FL = 525.50

(P3) POND OUTLET
FL = 524.40

(P4) POND INLET
30" FL = 523.00

(P5) 3'x6' BOX CULVERT
FL(IN) = 522.35

(P6) 3'x6' BOX CULVERT
FL(OUT) = 521.75

(P7) POND INLET
84" FL = 523.00

(P8) 8'x5' BOX CULVERT
FL = 521.00

(P9) POND INLET
18" FL = 529.00

(P10) POND OUTLET
FL = 528.35

(P11) POND INLET
36" FL = 531.50

MANHOLES

(MH1) TOP OF RIM = 532.50
60" FL(OUT) = 526.50
54" FL(IN) = 532.92
30" FL(IN) = 532.90

(MH2) TOP OF RIM = 545.50
54" FL(OUT) = 544.20
54" FL(IN) = 544.64
18" FL(IN) = 545.50

(MH3) TOP OF RIM = 525.63
84" FL(OUT) = 525.63
78" FL(IN) = 526.13
30" FL(IN) = 530.13

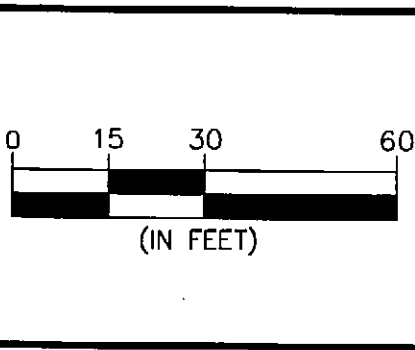
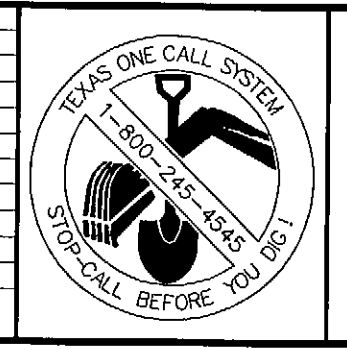
(MH4) TOP OF RIM = 532.85
78" FL(OUT) = 532.85
78" FL(IN) = 532.95
18" FL(IN) = 538.00

(P3) 3'x3' DROP INLET
TOP GRADE = 543.50
18" FL = 537.12
HGL = 537.12

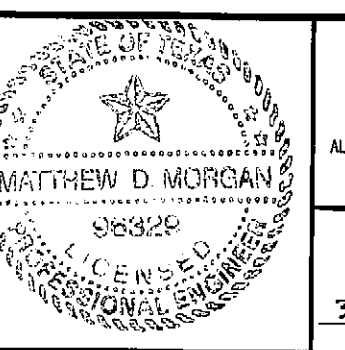
DISCLAIMER

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| REV | DATE | BY | DESCRIPTION |
|---------|------|----|---|
| 9-10-07 | MM | MM | RAISED GRADES ON FIRE LANE DRIVE |
| 4-12-07 | MM | MM | LOWEDED INVERT OF CATCH BASIN FOR FUTURE LOADING DOCK |



DESIGNED: _____
DRAWN: _____
CHECKED: _____



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3/25/09 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

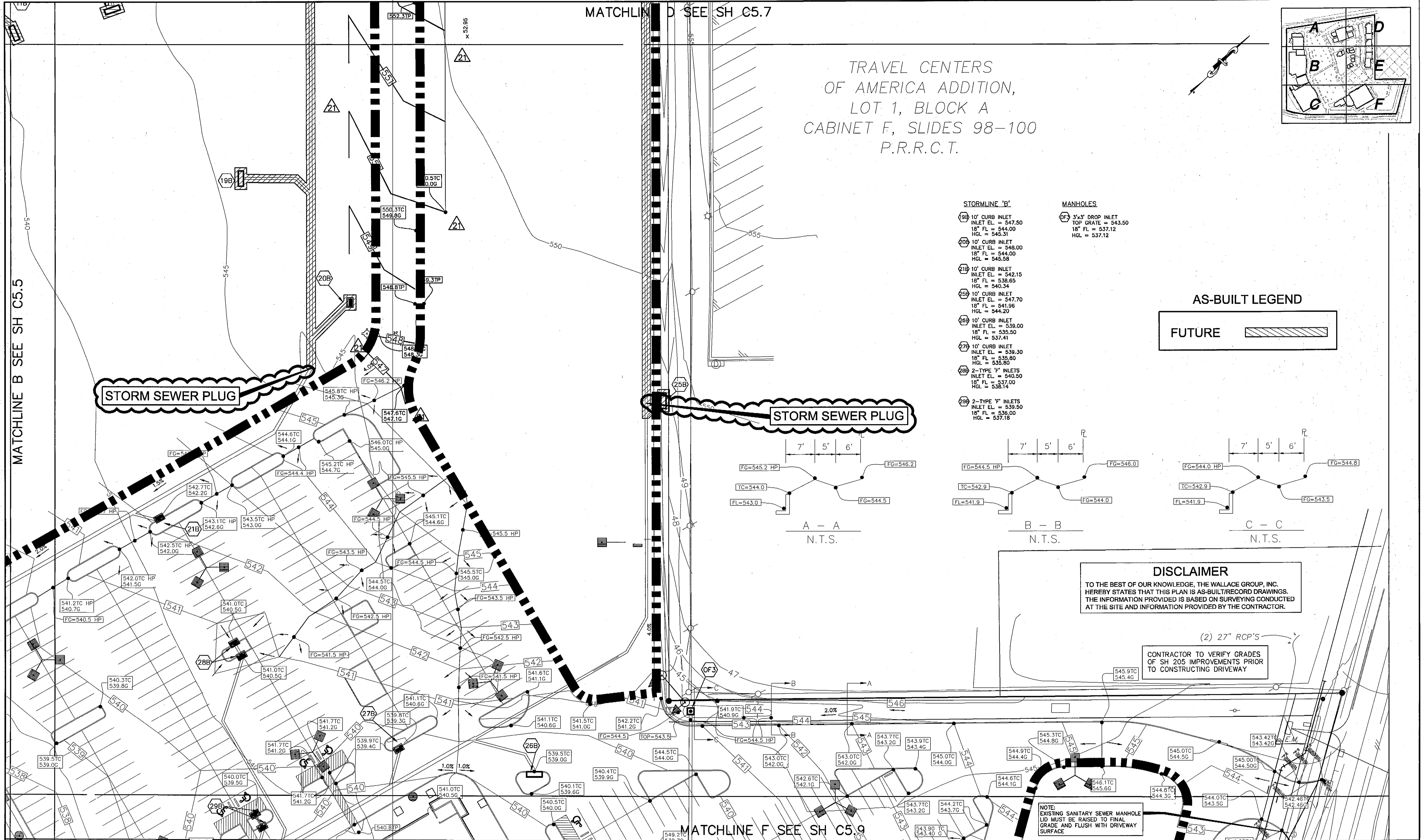
PLAZA AT ROCKWALL

GRADING PLAN D

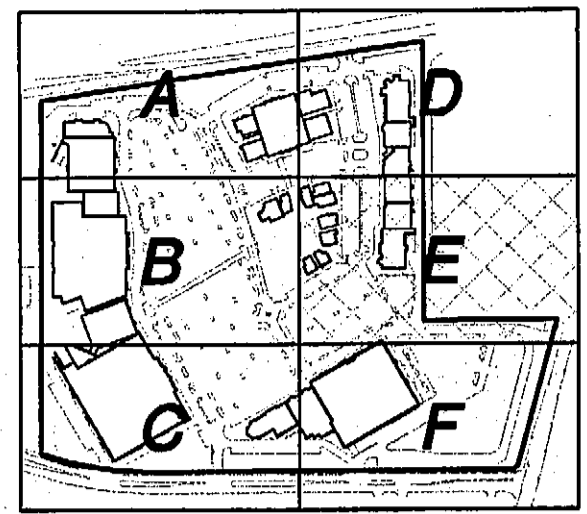
SHEET 38

C5.7

OF 56 SHEETS



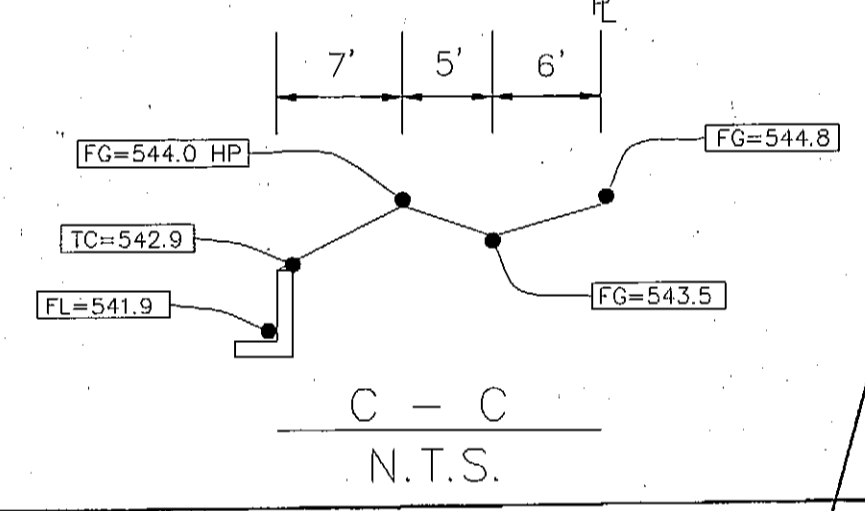
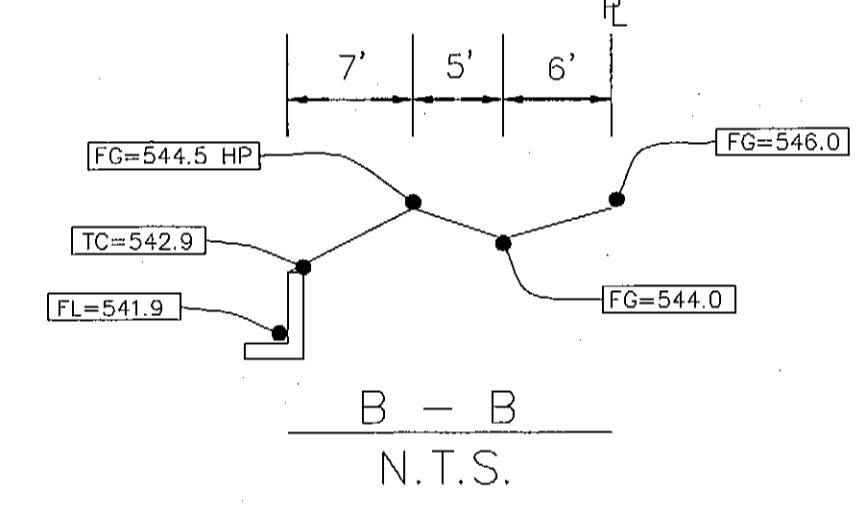
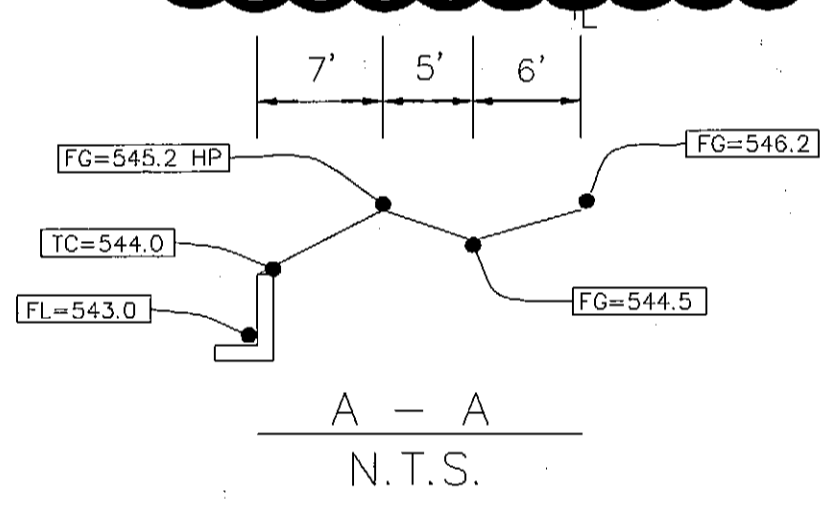
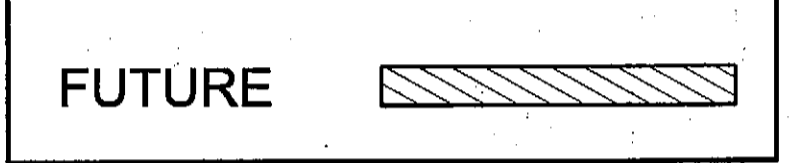
TRAVEL CENTERS
OF AMERICA ADDITION,
LOT 1, BLOCK A
CABINET F, SLIDES 98-100
P.R.R.C.T.



- STORMLINE 'B'**
- 19B 10' CURB INLET
INLET EL. = 547.50
18" FL = 544.00
HGL = 545.31
 - 20B 10' CURB INLET
INLET EL. = 548.00
18" FL = 544.00
HGL = 545.59
 - 21B 10' CURB INLET
INLET EL. = 542.15
18" FL = 538.65
HGL = 540.34
 - 22B 10' CURB INLET
INLET EL. = 547.70
18" FL = 541.96
HGL = 544.20
 - 23B 10' CURB INLET
INLET EL. = 539.00
18" FL = 535.50
HGL = 537.41
 - 27B 10' CURB INLET
INLET EL. = 539.30
18" FL = 535.60
HGL = 535.80
 - 28B 2-TYPE 'F' INLETS
INLET EL. = 540.50
18" FL = 537.00
HGL = 538.14
 - 29B 2-TYPE 'F' INLETS
INLET EL. = 539.50
18" FL = 536.00
HGL = 537.18

- MANHOLES**
- OF3 3'-3" DROP INLET
TOP GRATE = 543.50
18" FL = 537.12
HGL = 537.12

AS-BUILT LEGEND

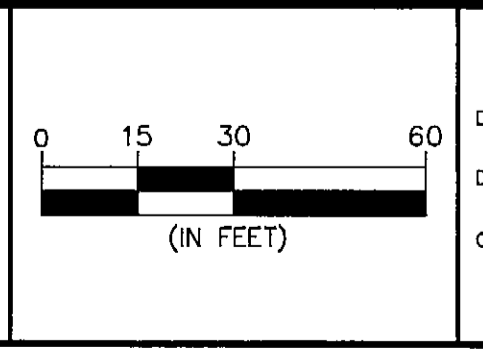
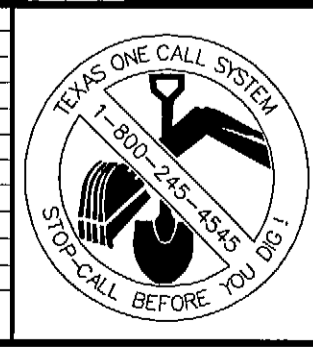


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HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS.
THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED
AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

(2) 27" RCP'S
CONTRACTOR TO VERIFY GRADES
OF SH 205 IMPROVEMENTS PRIOR
TO CONSTRUCTING DRIVEWAY

NOTE:
EXISTING SANITARY SEWER MANHOLE
LID MUST BE RAISED TO FINAL
GRADE AND FLUSH WITH DRIVEWAY
SURFACE

| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|--|
| 1-7-08 | | MW | Adjusted grades w/ SH 205 entrance drive |
| 3-10-07 | | MW | RAISED GRADES ON FIRE LANE DRIVE |
| 3-8-07 | | R33 | Correct contour labeling |



DESIGNED: _____
DRAWN: _____
CHECKED: _____



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MATTHEW D. MORGAN, P.E. # 945325
ON THE DATE SHOWN ON THE DAYSTAMP.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE
ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT

Matthew D. Morgan
DATE NAME

ENGINEERS ARCHITECTS

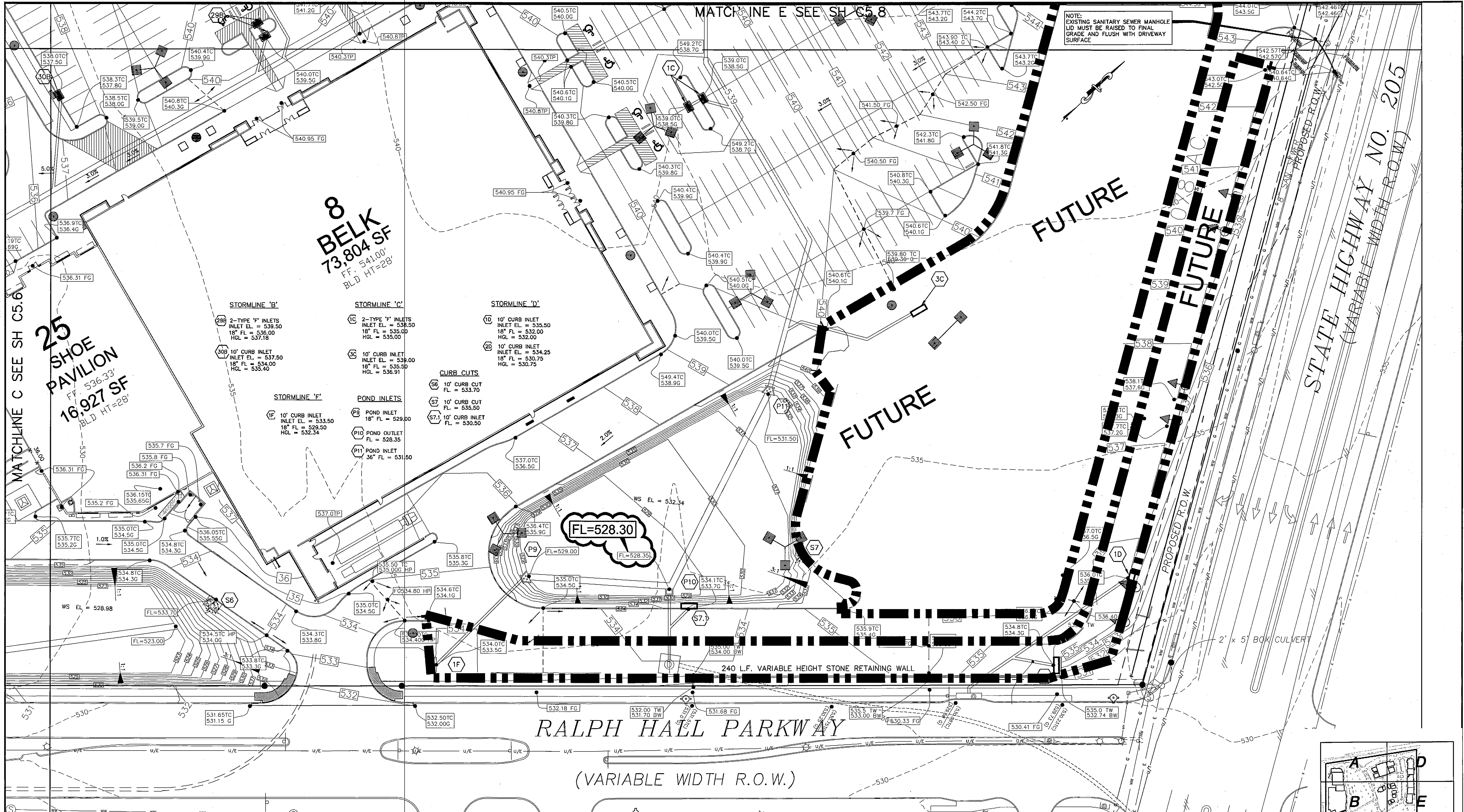
THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

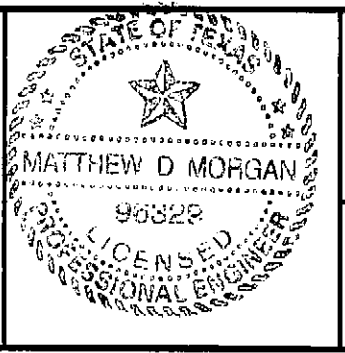
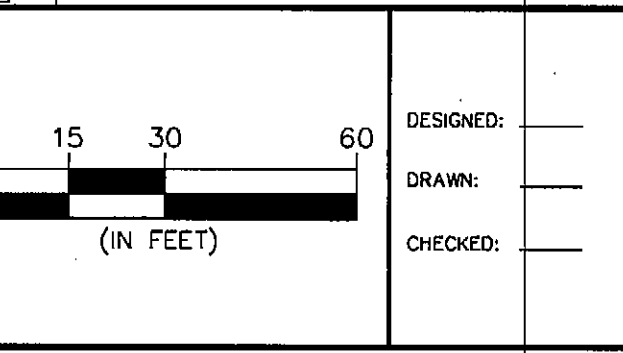
PLAZA AT ROCKWALL

GRADING PLAN E



DISCLAIMER
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| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|---|
| 1-7-08 | | MW | Adjusted grade at SH 205 entrance drive |
| 8-10-07 | | MW | Revise curbs at rear of Bldg. 25 |
| 3-8-07 | | R33 | Revise Storm Sewer Line J |



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96822 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
GRADING PLAN F

SHEET 40
C5.9
 OF 56 SHEETS

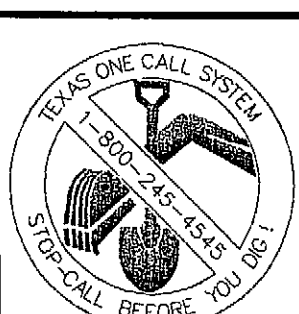
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CRITICAL HYDRAULIC POINT table with columns: Pipe ID Number, Upstream Node (Station), Downstream Node (Station), Length (ft), Upstream Inlet Area (sq ft), Upstream Velocity (ft/s), Upstream System Flow (cfs), Design Storm Frequency (Years), System Intensity (in/hr), Total Hydraulic Slope (ft/ft), Section Size (in), Velocity Coefficient, Head Loss Coefficient, Velocity Head Loss (ft), Flow Time (minutes), Downstream System Flow (cfs), Remarks.

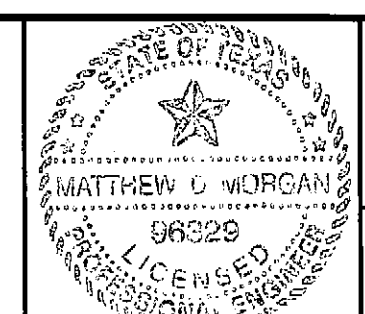
CRITICAL HYDRAULIC POINT table with columns: Pipe ID Number, Upstream Node (Station), Downstream Node (Station), Length (ft), Upstream Inlet Area (sq ft), Upstream Velocity (ft/s), Upstream System Flow (cfs), Design Storm Frequency (Years), System Intensity (in/hr), Total Hydraulic Slope (ft/ft), Section Size (in), Velocity Coefficient, Head Loss Coefficient, Velocity Head Loss (ft), Flow Time (minutes), Downstream System Flow (cfs), Remarks.

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DESIGNED: ROC
DRAWN: FM
CHECKED: RS



THE SEAL AFFIXED ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 10983. ON THE DATE SHOWN ON THE DASTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. 3/5/2008 Matt Morgan DATE NAME

ENGINEERS ARCHITECTS PLANNERS THE WALLACE GROUP INC.

THE WOODMONT COMPANY PLAZA AT ROCKWALL HYDRAULIC DATA

SHEET 51

C5.20

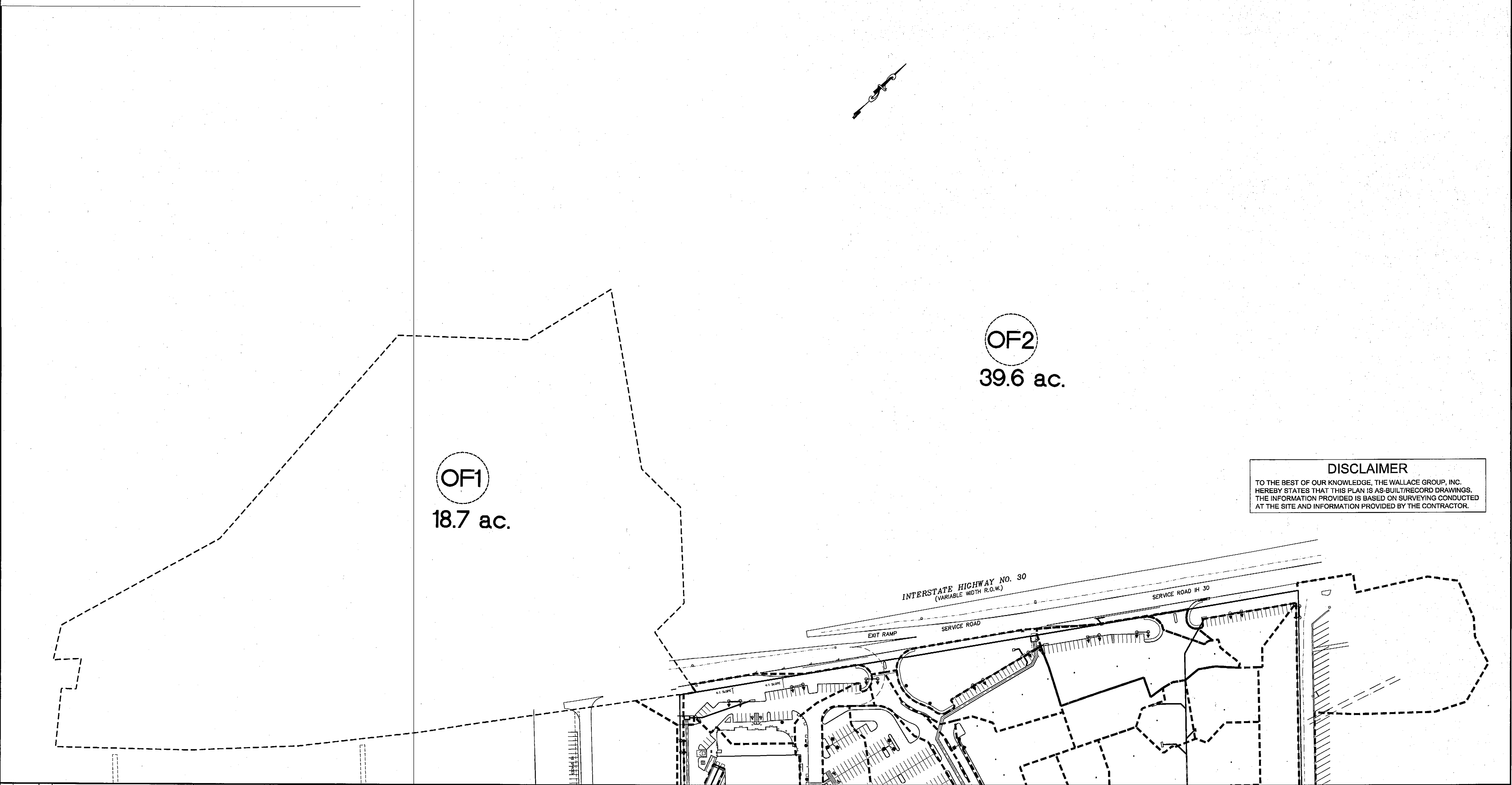
OF 56 SHEETS

Table with columns: REV, DATE, BY, DESCRIPTION.

Offsite Fully Developed Runoff - Per City of Rockwall - Standards of Design and Construction

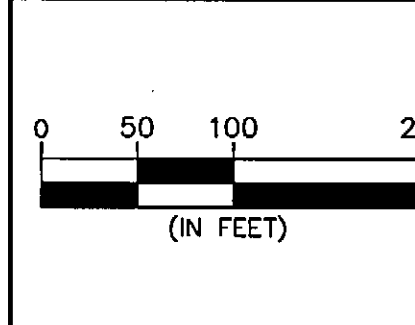
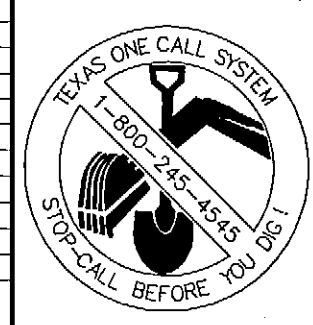
| Offsite Flows - Fully Developed Conditions | Q10 | Q25 | Q100 |
|--|-------|-------|-----------------------------------|
| Area OF1 (Ac.) | 18.7 | 18.7 | 18.7 |
| Runoff Coefficient | 0.9 | 0.9 | 0.9 |
| Time of Concentration (Min.) | 10.0 | 10.0 | 10.0 |
| Rainfall Intensity (in./hr) | 7.25 | 8.25 | 9.8 |
| Fully Developed Flow (cfs) | 122.0 | 136.8 | 164.9 cfs -- Fully Dev. Discharge |

| Offsite Flows - Fully Developed Conditions | Q10 | Q25 | Q100 |
|--|-------|-------|-----------------------------------|
| Area OF2 (Ac.) | 39.6 | 39.6 | 39.6 |
| Runoff Coefficient | 0.9 | 0.9 | 0.9 |
| Time of Concentration (Min.) | 10.0 | 10.0 | 10.0 |
| Rainfall Intensity (in./hr) | 7.25 | 8.25 | 9.8 |
| Fully Developed Flow (cfs) | 258.4 | 294.0 | 349.3 cfs -- Fully Dev. Discharge |



DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| | | | |
| | | | |
| | | | |



DESIGNED: ROC
 DRAWN: FM
 CHECKED: RS



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 98329 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.
 3/25/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
OFFSITE DRAINAGE MAP

SHEET 32
C5.1
 OF 56 SHEETS

G:\Projects\168358\168358-BUILD\168358-BLD_C50-C52-DATA.dwg, 05-DAY (CS-1), 2/28/2008 3:39:22 PM, rwy, Xerox, Nylar, 1:1



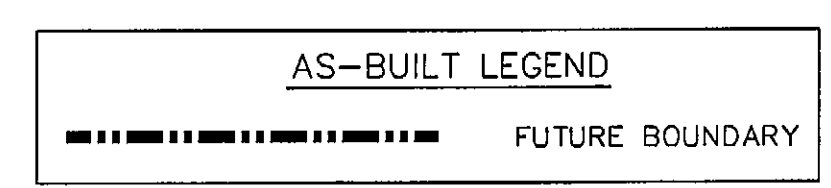
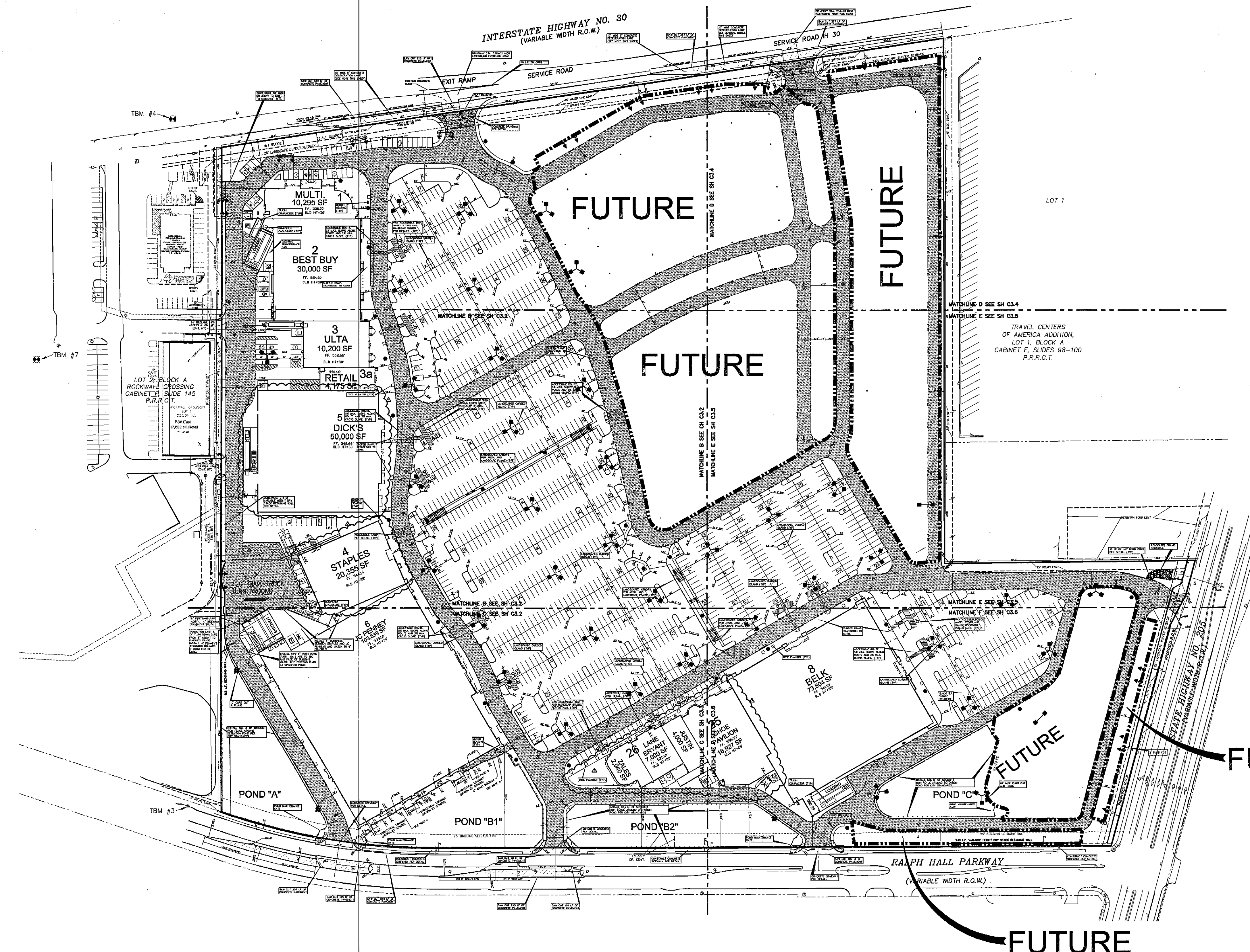
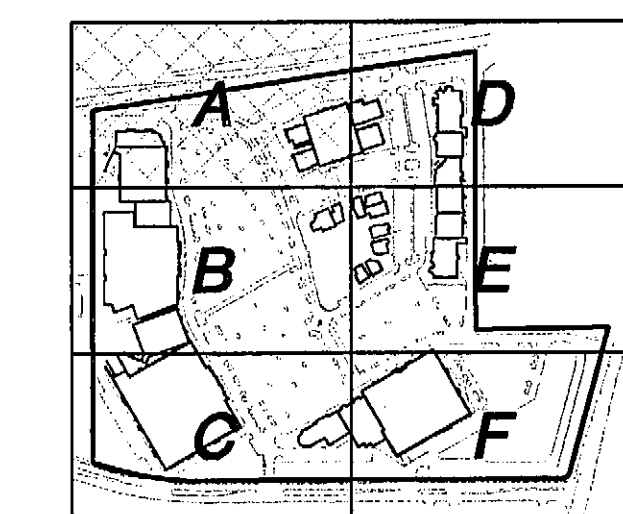
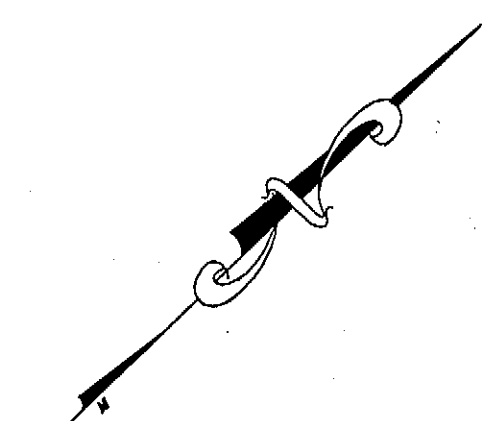
INLET AND MANHOLE TABLE

| STORMLINE 'A' | STORMLINE 'B' | STORMLINE 'C' | STORMLINE 'D' | STORMLINE 'E' | STORMLINE 'F' | STORMLINE 'G' | STORMLINE 'H' | STORMLINE 'I' | STORMLINE 'J' | STORMLINE 'K' | STORMLINE 'L' | STORMLINE 'M' | STORMLINE 'N' | STORMLINE 'O' | STORMLINE 'P' | STORMLINE 'Q' | STORMLINE 'R' | STORMLINE 'S' | STORMLINE 'T' | STORMLINE 'U' | STORMLINE 'V' | STORMLINE 'W' | STORMLINE 'X' | STORMLINE 'Y' | STORMLINE 'Z' | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| (A.1) DROP JUNCTION BOX (SEE DETAIL) TOP EL = 557.42 FL(IN) = 552.42 FL(OUT) = 547.85 | (1A) 10' CURB INLET INLET EL = 554.50 18" FL = 550.50 HGL = 552.23 | (1B) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.21 | (1C) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1D) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1E) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1F) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1G) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1H) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1I) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1J) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1K) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1L) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1M) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1N) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1O) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1P) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1Q) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1R) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1S) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1T) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1U) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1V) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1W) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1X) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1Y) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 | (1Z) 10' CURB INLET INLET EL = 549.00 18" FL = 545.50 HGL = 547.12 |

DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| | | | | | | |
|--|--|--|--|---|--|---|
| | | | <p>THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96329 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT</p> <p>3/25/08 <i>Matthew D. Morgan</i> DATE NAME</p> | <p>ENGINEERS ARCHITECTS</p> <p>SURVEYORS PLANNERS</p> | <p>THE WOODMONT COMPANY</p> <p>PLAZA AT ROCKWALL</p> <p>OVERALL GRADING PLAN</p> | <p>SHEET 34</p> <p>C5.3</p> <p>OF 56 SHEETS</p> |
|--|--|--|--|---|--|---|

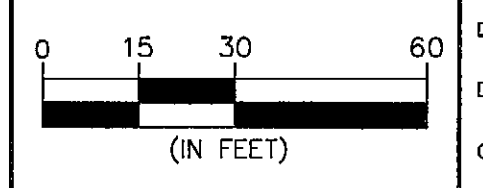
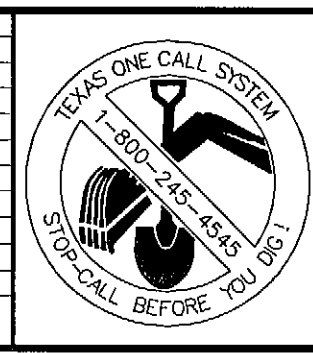
G:\Projects\163586\045-BUILT\163586-AB-C5.3.dwg, C:\ER\ALL\GMD\ING (C5.3), 3/25/2008 9:27:16 AM, rns, Xerox, Myler, p.3, 11



- GENERAL NOTES:
1. DECELERATION LANE TO BE 8" REINFORCED 3600 PSI CONCRETE WITH 6" LIME STABILIZED SUBGRADE
 2. DIMENSIONS ARE FACE TO FACE
 3. FIRELINE PAVEMENT IS 3,600 PSI MINIMUM, WITH A 6 SACK MIN REQUIREMENT FOR MACHINE PLACEMENT, OR A 6.5 SACK MIN FOR HAND PLACEMENT.
 4. NO SAND ALLOWED UNDER PAVEMENT

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| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|--|
| 1 | 3-19-07 | MM | ADDED HATCHING FOR PAVEMENT SECTIONS |
| 2 | 3-4-07 | RS | Revised Building 20-2R Footprint |
| 3 | 2-9-07 | RS | Revised Staples building footprint (Bldg. 4) |
| 4 | 2-4-07 | RS | Revised Dicks building footprint (Bldg. 5) |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____

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3/20/08 *Matthew D. Morgan*
 DATE NAME

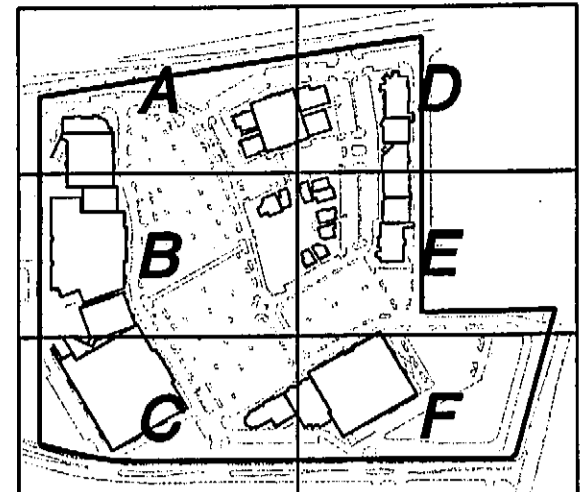
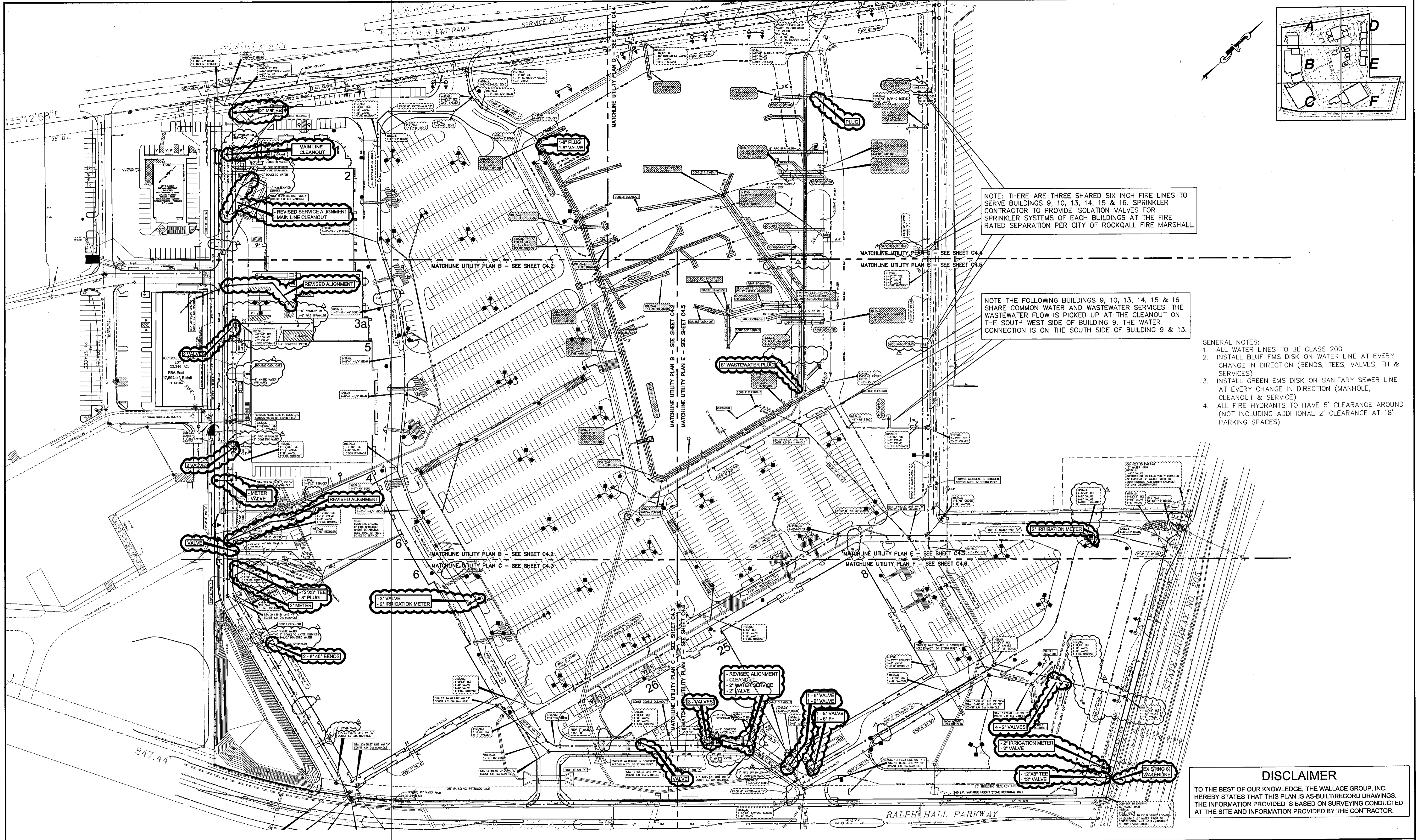
ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
 OVERALL SITE PLAN

SHEET 15
C3.0
 OF 56 SHEETS



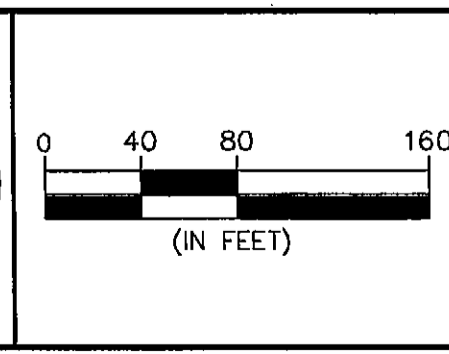
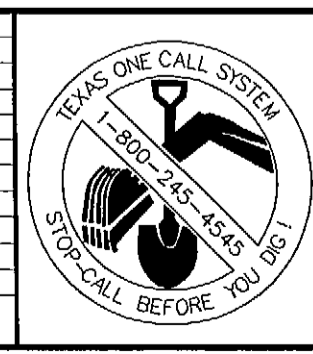
NOTE: THERE ARE THREE SHARED SIX INCH FIRE LINES TO SERVE BUILDINGS 9, 10, 13, 14, 15 & 16. SPRINKLER CONTRACTOR TO PROVIDE ISOLATION VALVES FOR SPRINKLER SYSTEMS OF EACH BUILDINGS AT THE FIRE RATED SEPARATION PER CITY OF ROCKWALL FIRE MARSHALL.

NOTE THE FOLLOWING BUILDINGS 9, 10, 13, 14, 15 & 16 SHARE COMMON WATER AND WASTEWATER SERVICES. THE WASTEWATER FLOW IS PICKED UP AT THE CLEANOUT ON THE SOUTH WEST SIDE OF BUILDING 9. THE WATER CONNECTION IS ON THE SOUTH SIDE OF BUILDING 9 & 13.

- GENERAL NOTES:
1. ALL WATER LINES TO BE CLASS 200
 2. INSTALL BLUE EMS DISK ON WATER LINE AT EVERY CHANGE IN DIRECTION (BENDS, TEES, VALVES, FH & SERVICES)
 3. INSTALL GREEN EMS DISK ON SANITARY SEWER LINE AT EVERY CHANGE IN DIRECTION (MANHOLE, CLEANOUT & SERVICE)
 4. ALL FIRE HYDRANTS TO HAVE 5' CLEARANCE AROUND (NOT INCLUDING ADDITIONAL 2' CLEARANCE AT 18' PARKING SPACES)

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| REV | DATE | BY | DESCRIPTION |
|---------|------|----|---|
| 3-19-07 | MA | | Removed and revised fire hydrant location |
| 2-19-07 | RIS | | Revised utility service connections & removed Fire Hydrants |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



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3/25/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
 OVERALL UTILITY PLAN

SHEET 21
C4.0
 OF 56 SHEETS

SEE OFFSITE DRAINAGE
AREA MAP C5.1 FOR
OF1 + OF2 DETAIL

INTERSTATE HIGHWAY
(VARIABLE WIDTH R.O.W.)

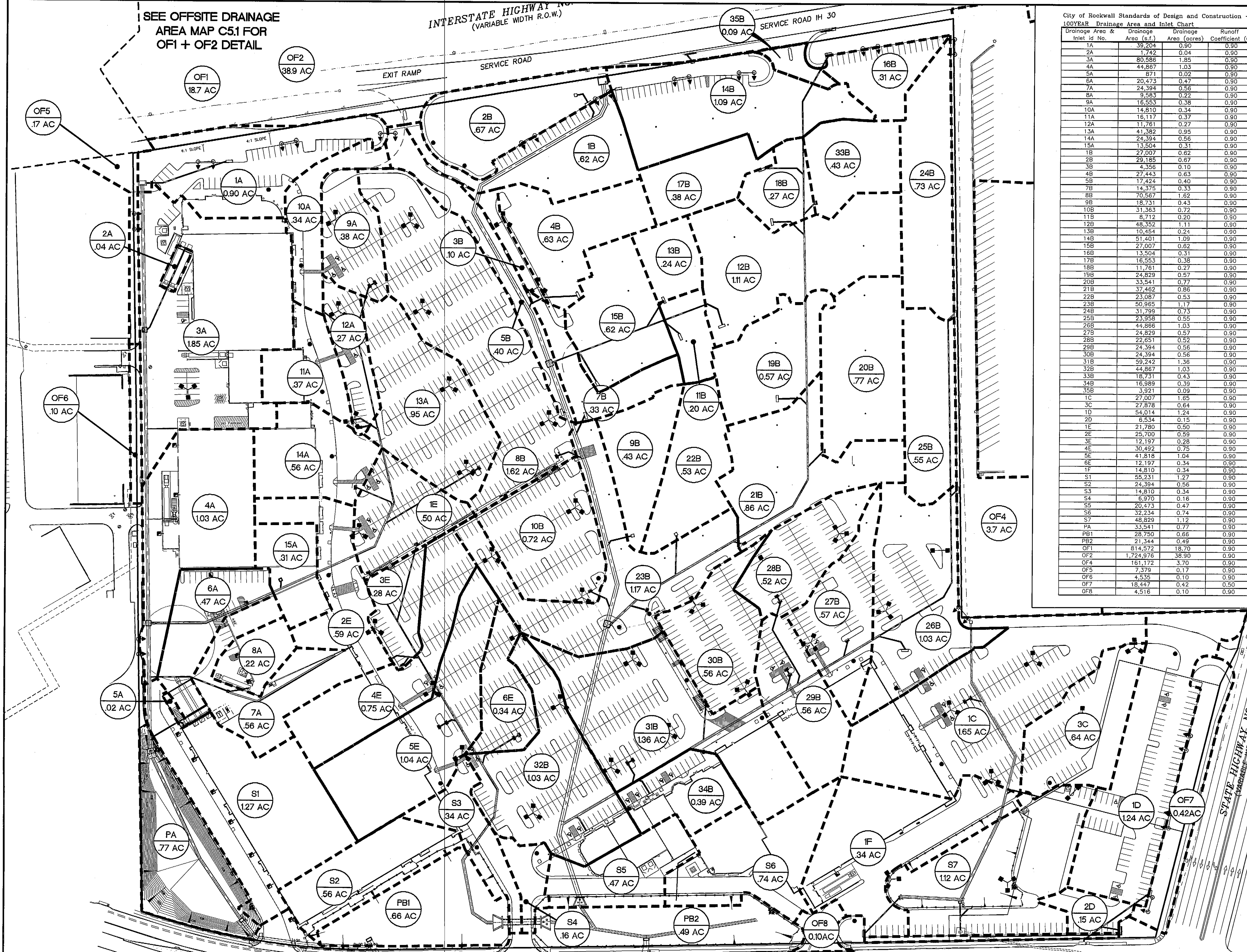
SERVICE ROAD IH 30

City of Rockwall Standards of Design and Construction - Rational Method
100YEAR Drainage Area and Inlet Chart

| Drainage Area & Inlet Id No. | Drainage Area (sq. ft.) | Drainage Area (acres) | Runoff Coefficient (C) | Time of Conc. (min) | Intensity (in./hr) | Peak Flow (cfs) | Inlet Capacity (cfs) | Inlet Type | Inlet - Inflow Elev. (ft) | 100 yr HCL (ft) |
|------------------------------|-------------------------|-----------------------|------------------------|---------------------|--------------------|-----------------|----------------------|---------------------------|---------------------------|-----------------|
| 1A | 39,224 | 0.90 | 0.90 | 10.00 | 9.80 | 7.9 | 8.8 | 10" Curb Inlet | 554.5 | 553.5 |
| 2A | 11,742 | 0.27 | 0.90 | 10.00 | 9.80 | 2.4 | 11.8 | 25" - 12" Trench Drain | 550.0 | 549.3 |
| 3A | 80,586 | 1.85 | 0.90 | 10.00 | 9.80 | 16.3 | 17.6 | 1 - 10" Curb Inlet | 547.8 | 544.1 |
| 4A | 44,867 | 1.03 | 0.90 | 10.00 | 9.80 | 9.1 | 10.9 | 1 - 10" Curb Inlet | 538.5 | 538.5 |
| 5A | 571 | 0.02 | 0.90 | 10.00 | 9.80 | 0.2 | 6.8 | 14" - 12" Trench Drain | 535.3 | 535.2 |
| 6A | 20,421 | 0.47 | 0.90 | 10.00 | 9.80 | 4.1 | 17.6 | 36" - 12" Trench Drain | 535.3 | 535.7 |
| 7A | 24,394 | 0.56 | 0.90 | 10.00 | 9.80 | 4.9 | 8.4 | 2'x2' Drop Inlet | 538.5 | 538.5 |
| 8A | 5,583 | 0.13 | 0.90 | 10.00 | 9.80 | 1.9 | 5.8 | 12" - 12" Trench Drain | 540.0 | 535.8 |
| 9A | 16,533 | 0.38 | 0.90 | 10.00 | 9.80 | 3.4 | 14.0 | 2 - Type "F" Inlets | 552.5 | 549.0 |
| 10A | 14,810 | 0.34 | 0.90 | 10.00 | 9.80 | 3.0 | 7.0 | 1 - Type "F" Inlet | 552.5 | 550.4 |
| 11A | 16,117 | 0.37 | 0.90 | 10.00 | 9.80 | 3.3 | 7.0 | 1 - Type "F" Inlet | 547.0 | 544.7 |
| 12A | 11,761 | 0.27 | 0.90 | 10.00 | 9.80 | 2.4 | 7.0 | 1 - Type "F" Inlet | 547.5 | 544.4 |
| 13A | 41,382 | 0.95 | 0.90 | 10.00 | 9.80 | 8.4 | 14.0 | 2 - Type "F" Inlets | 545.5 | 544.2 |
| 14A | 24,394 | 0.56 | 0.90 | 10.00 | 9.80 | 4.9 | 8.4 | 1 - Type "F" Inlet | 545.5 | 543.4 |
| 15A | 13,504 | 0.31 | 0.90 | 10.00 | 9.80 | 2.7 | 8.4 | 2'x2' Drop Inlet | 543.5 | 542.2 |
| 16A | 27,007 | 0.62 | 0.90 | 10.00 | 9.80 | 5.5 | 8.8 | 10" Curb Inlet | 549.0 | 548.8 |
| 17A | 29,185 | 0.67 | 0.90 | 10.00 | 9.80 | 5.9 | 8.4 | 2'x2' Drop Inlet | 550.5 | 549.0 |
| 18A | 4,356 | 0.10 | 0.90 | 10.00 | 9.80 | 0.9 | 8.8 | 10" Curb Inlet | 548.3 | 543.7 |
| 19A | 27,443 | 0.63 | 0.90 | 10.00 | 9.80 | 5.6 | 8.8 | 10" Curb Inlet | 547.5 | 544.0 |
| 20A | 17,424 | 0.40 | 0.90 | 10.00 | 9.80 | 3.5 | 8.8 | 10" Curb Inlet | 542.4 | 540.9 |
| 21A | 14,375 | 0.33 | 0.90 | 10.00 | 9.80 | 2.9 | 8.8 | 10" Curb Inlet | 542.4 | 540.3 |
| 22A | 43,852 | 1.02 | 0.90 | 10.00 | 9.80 | 14.3 | 17.6 | 2 - 10" Curb Inlet | 541.9 | 541.1 |
| 23A | 18,731 | 0.43 | 0.90 | 10.00 | 9.80 | 3.8 | 8.4 | 2'x2' Drop Inlet | 538.5 | 537.4 |
| 24A | 31,363 | 0.72 | 0.90 | 10.00 | 9.80 | 6.4 | 7.0 | 1 - Type "F" Inlet | 537.8 | 536.5 |
| 25A | 11,761 | 0.27 | 0.90 | 10.00 | 9.80 | 1.8 | 8.8 | 10" Curb Inlet | 548.3 | 545.0 |
| 26A | 33,541 | 0.77 | 0.90 | 10.00 | 9.80 | 6.8 | 8.8 | 10" Curb Inlet | 549.4 | 549.3 |
| 27A | 10,454 | 0.24 | 0.90 | 10.00 | 9.80 | 2.1 | 8.8 | 10" Curb Inlet | 548.8 | 547.1 |
| 28A | 51,401 | 1.09 | 0.90 | 10.00 | 9.80 | 9.6 | 10.9 | 1 - 10" Curb Inlet | 549.0 | 549.2 |
| 29A | 27,007 | 0.62 | 0.90 | 10.00 | 9.80 | 5.5 | 8.8 | 10" Curb Inlet | 545.5 | 542.3 |
| 30A | 16,533 | 0.38 | 0.90 | 10.00 | 9.80 | 2.7 | 8.8 | 10" Curb Inlet | 555.5 | 550.1 |
| 31A | 18,731 | 0.43 | 0.90 | 10.00 | 9.80 | 3.4 | 8.8 | 1 - 10" Curb Inlet | 551.8 | 549.0 |
| 32A | 11,761 | 0.27 | 0.90 | 10.00 | 9.80 | 2.4 | 8.8 | 10" Curb Inlet | 551.0 | 547.6 |
| 33A | 24,829 | 0.57 | 0.90 | 10.00 | 9.80 | 5.0 | 8.8 | 10" Curb Inlet | 547.5 | 544.9 |
| 34A | 20,421 | 0.47 | 0.90 | 10.00 | 9.80 | 6.8 | 8.8 | 10" Curb Inlet | 547.5 | 547.5 |
| 35A | 37,462 | 0.86 | 0.90 | 10.00 | 9.80 | 7.6 | 8.8 | 10" Curb Inlet | 542.2 | 537.4 |
| 36A | 23,087 | 0.53 | 0.90 | 10.00 | 9.80 | 4.7 | 8.4 | 2'x2' Drop Inlet | 538.5 | 534.8 |
| 37A | 50,965 | 1.17 | 0.90 | 10.00 | 9.80 | 10.3 | 8.8 | 10" Curb Inlet | 537.0 | 533.5 |
| 38A | 24,829 | 0.57 | 0.90 | 10.00 | 9.80 | 6.4 | 8.8 | 10" Curb Inlet | 555.5 | 547.1 |
| 39A | 23,958 | 0.55 | 0.90 | 10.00 | 9.80 | 5.0 | 8.8 | 10" Curb Inlet | 547.5 | 543.2 |
| 40A | 44,867 | 1.03 | 0.90 | 10.00 | 9.80 | 8.9 | 8.8 | 10" Curb Inlet | 539.0 | 535.7 |
| 41A | 24,829 | 0.57 | 0.90 | 10.00 | 9.80 | 5.0 | 7.0 | 1 - Type "F" Inlet | 539.0 | 535.9 |
| 42A | 22,851 | 0.52 | 0.90 | 10.00 | 9.80 | 4.6 | 14.0 | 2 - Type Inlets | 547.4 | 536.3 |
| 43A | 24,394 | 0.56 | 0.90 | 10.00 | 9.80 | 4.9 | 14.0 | 2 - Type "F" Inlets | 539.5 | 534.0 |
| 44A | 24,394 | 0.56 | 0.90 | 10.00 | 9.80 | 4.9 | 7.0 | 1 - Type "F" Inlet | 537.5 | 532.9 |
| 45A | 59,742 | 1.36 | 0.90 | 10.00 | 9.80 | 12.0 | 14.0 | 2 - Type "F" Inlets | 535.0 | 533.2 |
| 46A | 44,867 | 1.03 | 0.90 | 10.00 | 9.80 | 9.1 | 8.8 | 10" Curb Inlet | 534.7 | 531.7 |
| 47A | 18,731 | 0.43 | 0.90 | 10.00 | 9.80 | 3.8 | 7.0 | 1 - Type "F" Inlet | 533.5 | 548.5 |
| 48A | 16,589 | 0.39 | 0.90 | 10.00 | 9.80 | 3.4 | 8.8 | 10" Curb Inlet | 534.2 | XXX.XX |
| 49A | 3,921 | 0.09 | 0.90 | 10.00 | 9.80 | 0.8 | N/A | N/A | N/A | N/A |
| 50A | 27,007 | 0.62 | 0.90 | 10.00 | 9.80 | 14.8 | 14.0 | 2 - Type "F" Inlets | 538.5 | 536.0 |
| 51A | 43,852 | 1.02 | 0.90 | 10.00 | 9.80 | 5.6 | 8.8 | 2 - 10" Curb Inlet | 539.0 | 535.3 |
| 52A | 54,014 | 1.24 | 0.90 | 10.00 | 9.80 | 10.9 | 10.9 | 1 - 10" Curb Inlet | 535.5 | 531.3 |
| 53A | 6,534 | 0.15 | 0.90 | 10.00 | 9.80 | 1.3 | 8.8 | 10" Curb Inlet | 534.3 | 530.2 |
| 54A | 21,780 | 0.50 | 0.90 | 10.00 | 9.80 | 4.4 | 14.0 | 2 - Type "F" Inlets | 543.5 | 539.5 |
| 55A | 13,504 | 0.31 | 0.90 | 10.00 | 9.80 | 2.7 | 7.0 | 1 - Type "F" Inlet | 538.4 | 538.7 |
| 56A | 12,197 | 0.28 | 0.90 | 10.00 | 9.80 | 2.5 | 7.0 | 1 - Type "F" Inlet | 538.9 | 538.8 |
| 57A | 30,492 | 0.70 | 0.90 | 10.00 | 9.80 | 6.6 | 7.0 | Type "F" Inlet | 538.5 | 537.8 |
| 58A | 41,818 | 1.04 | 0.90 | 10.00 | 9.80 | 9.2 | 14.0 | 2 - Type "F" Inlet | 537.5 | 537.3 |
| 59A | 13,578 | 0.31 | 0.90 | 10.00 | 9.80 | 3.0 | 14.0 | 2 - Type "F" Inlet | 537.5 | 535.4 |
| 60A | 14,810 | 0.34 | 0.90 | 10.00 | 9.80 | 3.0 | 8.8 | 10" Curb Inlet | 533.5 | 530.2 |
| 61A | 55,231 | 1.27 | 0.90 | 10.00 | 9.80 | 11.2 | N/A | Sheet Flow to Pond | N/A | N/A |
| 62A | 24,394 | 0.56 | 0.90 | 10.00 | 9.80 | 4.9 | N/A | Sheet Flow to Pond | N/A | N/A |
| 63A | 14,810 | 0.34 | 0.90 | 10.00 | 9.80 | 3.0 | N/A | Sheet Flow to Pond | N/A | N/A |
| 64A | 6,970 | 0.16 | 0.90 | 10.00 | 9.80 | 1.4 | N/A | Sheet Flow to Pond | N/A | N/A |
| 65A | 20,473 | 0.47 | 0.90 | 10.00 | 9.80 | 4.1 | N/A | Sheet Flow to Pond | N/A | N/A |
| 66A | 32,234 | 0.74 | 0.90 | 10.00 | 9.80 | 6.5 | N/A | Sheet Flow to Pond | N/A | N/A |
| 67A | 48,252 | 1.11 | 0.90 | 10.00 | 9.80 | 9.9 | N/A | Sheet Flow to Pond | N/A | N/A |
| 68A | 33,541 | 0.77 | 0.90 | 10.00 | 9.80 | 6.8 | N/A | Pond A | N/A | N/A |
| 69A | 28,750 | 0.66 | 0.90 | 10.00 | 9.80 | 5.8 | N/A | Pond B1 | N/A | N/A |
| 70A | 21,344 | 0.49 | 0.90 | 10.00 | 9.80 | 4.3 | N/A | Pond B2 | N/A | N/A |
| 71A | 814,520 | 18.70 | 0.90 | 10.00 | 9.80 | 164.9 | N/A | Offsite Flow Through Site | N/A | N/A |
| 72A | 1,724,976 | 39.90 | 0.90 | 10.00 | 9.80 | 343.1 | N/A | Offsite Flow Through Site | N/A | N/A |
| 73A | 161,172 | 3.70 | 0.90 | 10.00 | 9.80 | 32.6 | 38.5 | 4'x4' Drop Inlet | 543.0 | 536.04 |
| 74A | 7,379 | 0.17 | 0.90 | 10.00 | 9.80 | 1.50 | 17.6 | 2 - 10" CURB INLET | 547.8 | 544.10 |
| 75A | 43,852 | 1.02 | 0.90 | 10.00 | 9.80 | 0.88 | 17.6 | 2 - 10" CURB INLET | 547.8 | 544.9 |
| 76A | 18,447 | 0.42 | 0.50 | 10.00 | 9.80 | 2.0 | N/A | OFFSITE SHEET FLOW | N/A | N/A |
| 77A | 4,516 | 0.10 | 0.90 | 10.00 | 9.80 | 0.88 | N/A | OFFSITE SHEET FLOW | N/A | N/A |

**NOTE: PLEASE SEE DETENTION POND PLANS FOR POND DRAINAGE CALCULATIONS, VOLUMES AND OUTFALL RATES.

DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.



| REV | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| | | | |
| | | | |

DESIGNED: _____
DRAWN: _____
CHECKED: _____

"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 86329 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/15/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

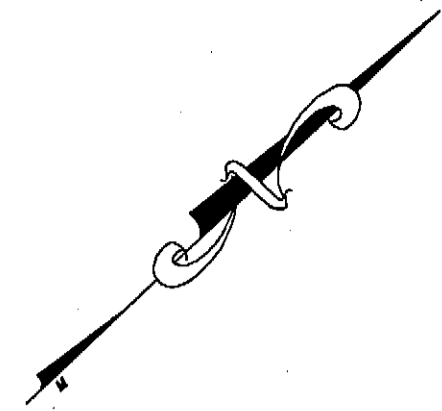
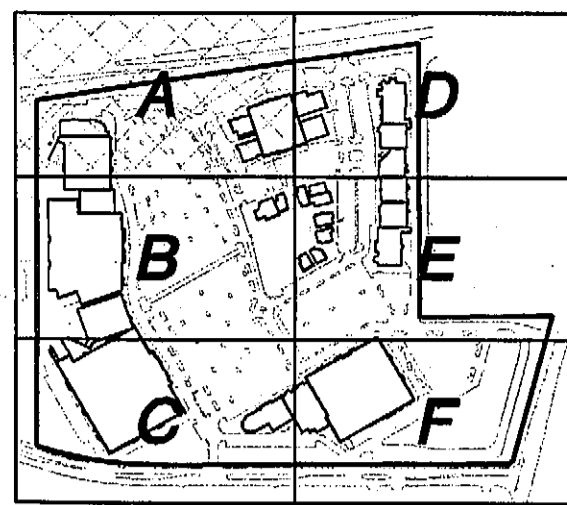
PLAZA AT ROCKWALL

PROPOSED DRAINAGE MAP

SHEET 33

C5.2

OF 56 SHEETS

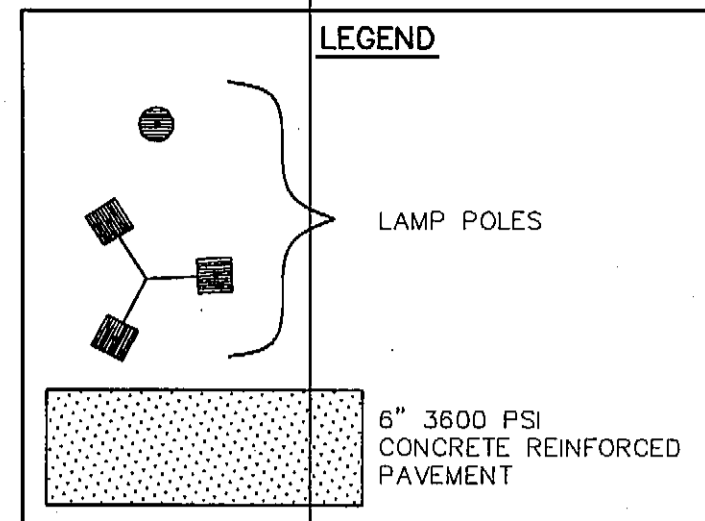


DISCLAIMER

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AS-BUILT LEGEND

--- FUTURE BOUNDARY



NOTE: ALL OTHER PAVEMENT EXCLUDING BUILDING LOADING AREAS, TO BE 5"-3000 PSI REINFORCED CONCRETE

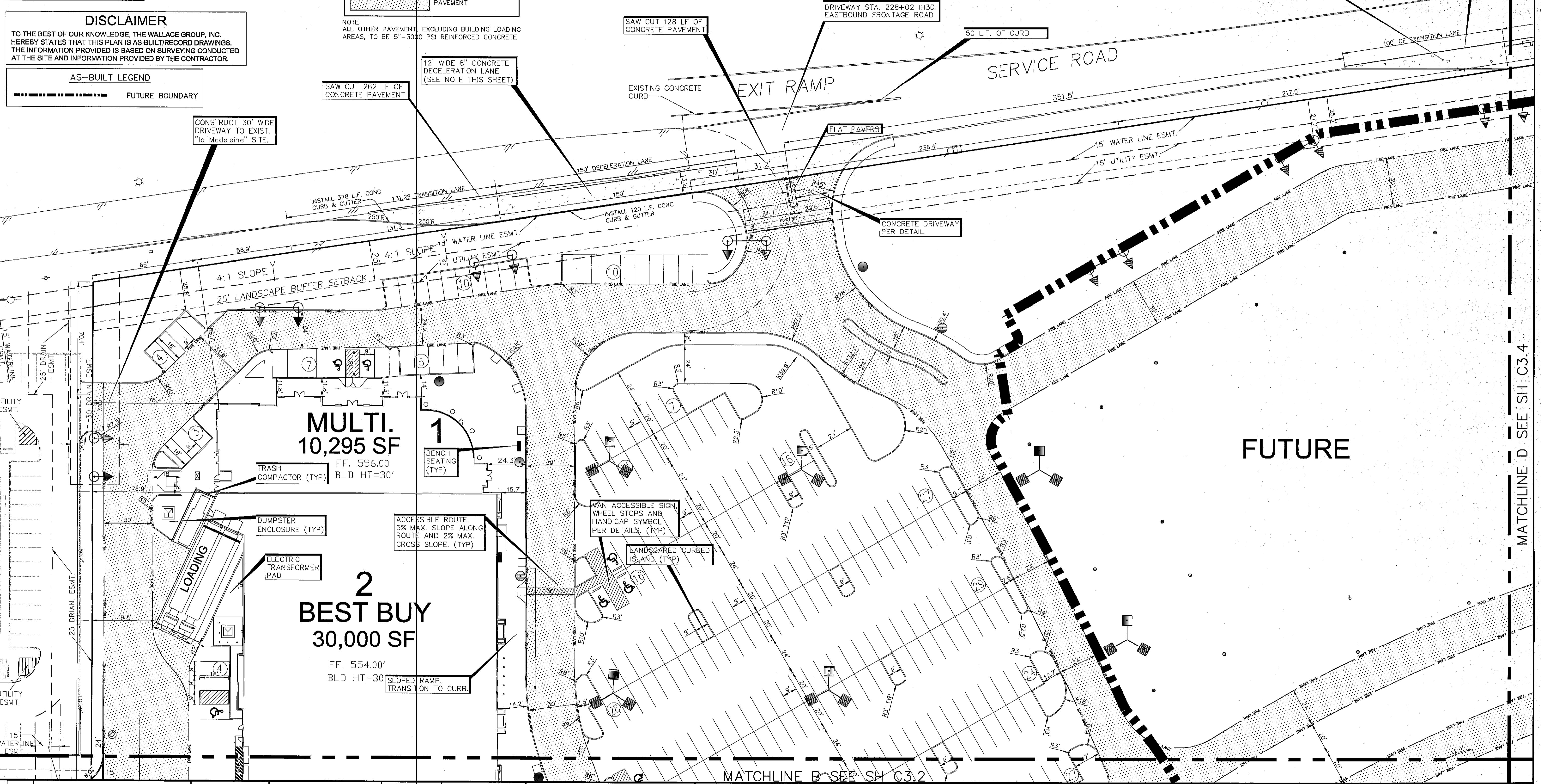
GENERAL NOTES:

1. DECELERATION LANE TO BE 8" REINFORCED 3600 PSI CONCRETE WITH 6" LIME STABILIZED SUBGRADE
2. DIMENSIONS ARE FACE TO FACE

INTERSTATE HIGHWAY NO. 30
(VARIABLE WIDTH R.O.W.)

12' WIDE 8" CONCRETE DECELERATION LANE (SEE NOTE THIS SHEET)

SAW CUT 367 LF OF CONCRETE PAVEMENT

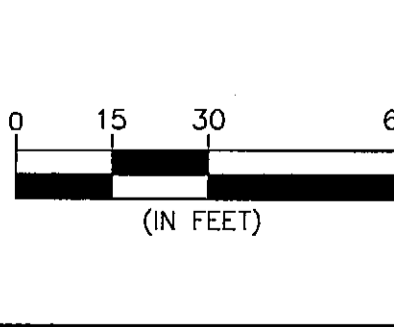
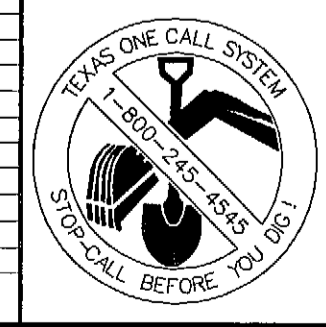


FUTURE

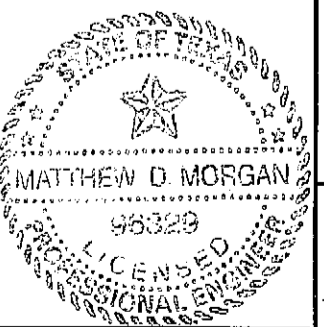
MATCHLINE D SEE SH C3.4

MATCHLINE B SEE SH C3.2

| REV | DATE | BY | DESCRIPTION |
|---------|------|----|---|
| 4-16-07 | | MM | REVISED VARIOUS DIMENSIONS CALLOUT AT ENTRIES AND BUILDINGS |
| 3-19-07 | | MM | ADDED HATCHING FOR PAVEMENT SECTIONS |



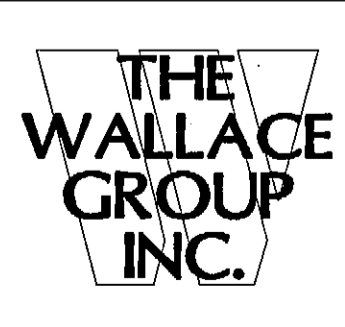
DESIGNED:
DRAWN:
CHECKED:



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 48328 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

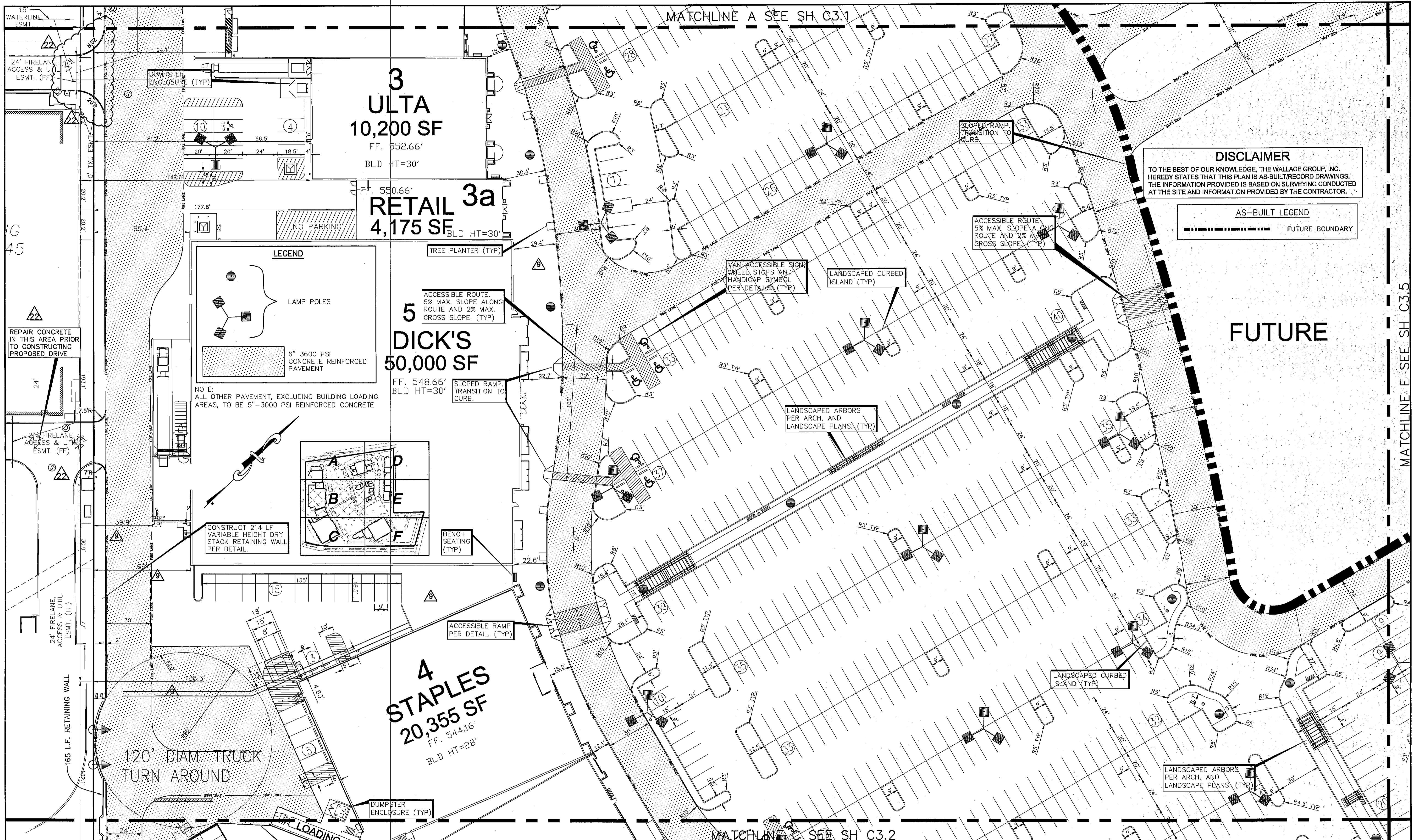
ENGINEERS
ARCHITECTS



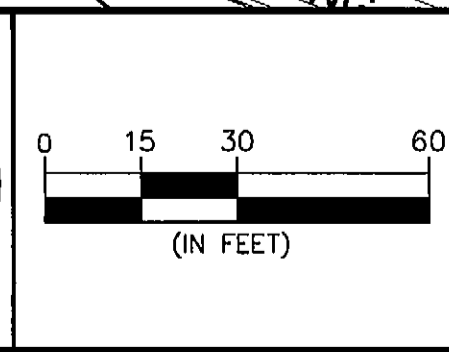
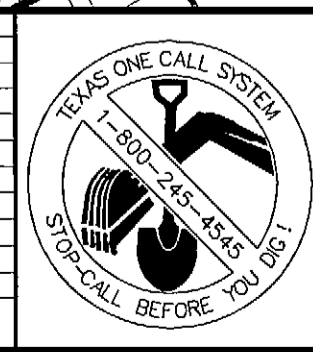
SURVEYORS
PLANNERS

THE WOODMONT COMPANY
PLAZA AT ROCKWALL
SITE PLAN A

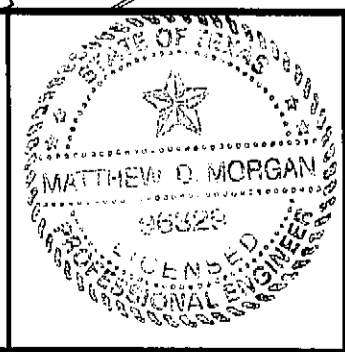
SHEET 15
C3.1
OF 56 SHEETS



| REV | DATE | BY | DESCRIPTION |
|---------|------|----|---|
| 3-12-07 | | MM | ADDED TWO ACCESS DRIVES ON WEST |
| 4-18-07 | | MM | REVISED VARIOUS DIMENSIONS CALLOUT AT ENTRIES AND BUILDINGS |
| 3-19-07 | | MM | ADDED HATCHING FOR PAVEMENT SECTIONS |



DESIGNED:
DRAWN:
CHECKED:



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 56282 ON THE DATE SHOWN ON THE DATESEAL. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

PLAZA AT ROCKWALL

SITE PLAN B

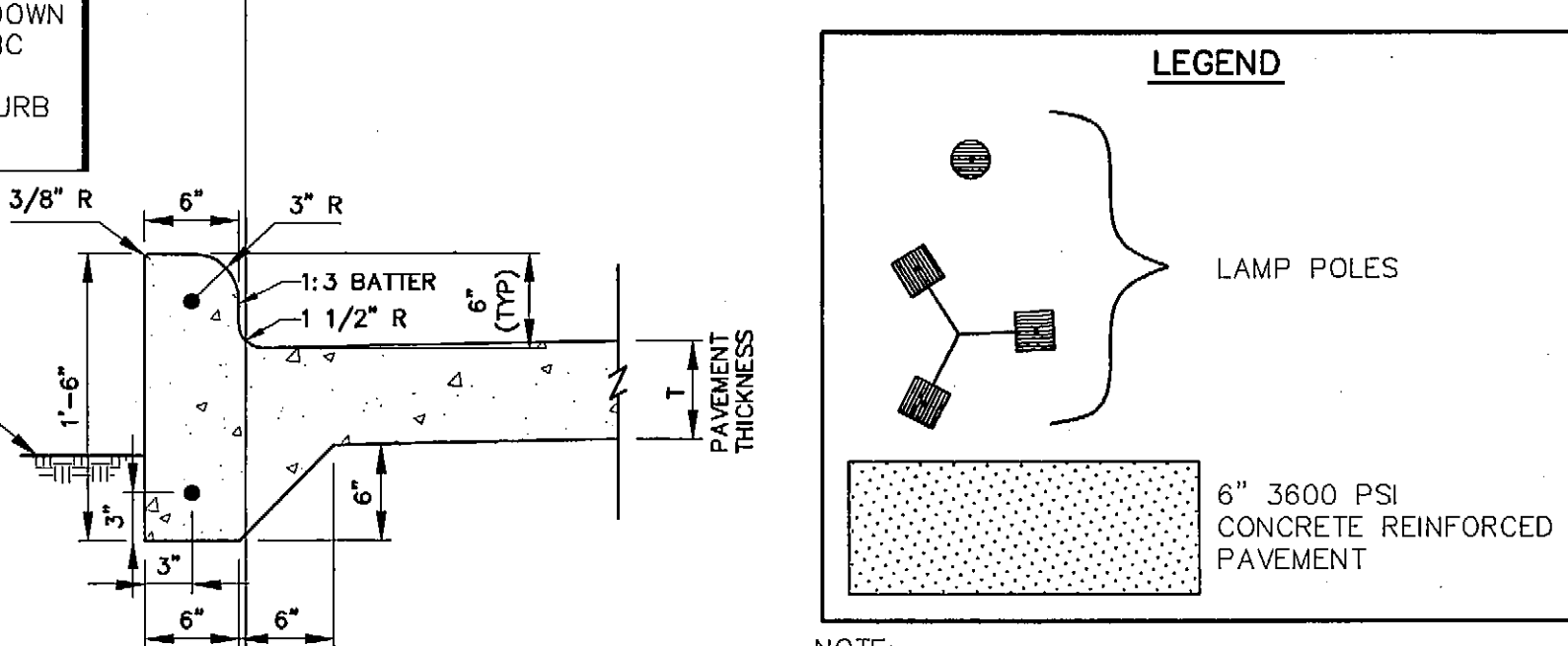
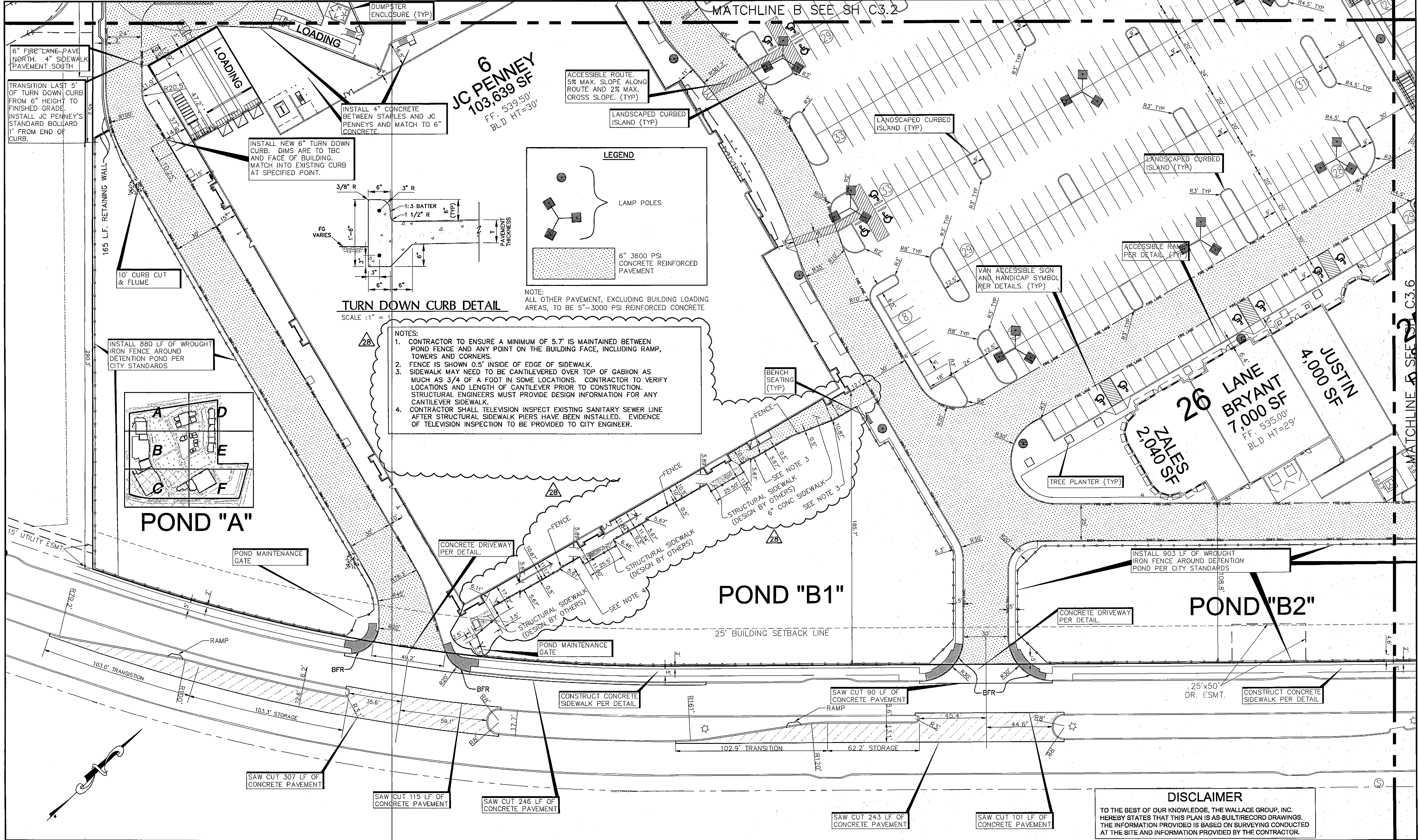
SHEET 16

C3.2

OF 56 SHEETS

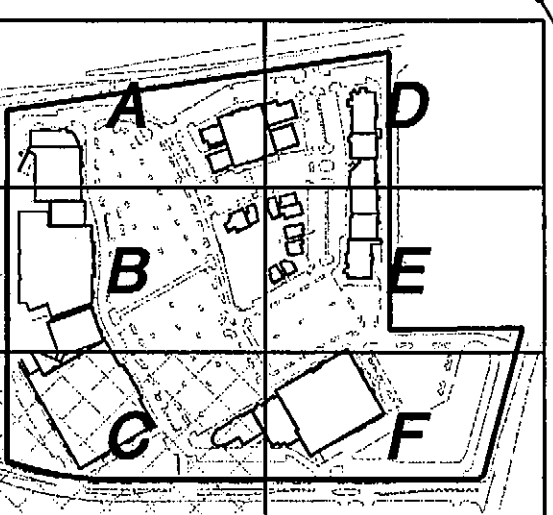
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MATCHLINE B SEE SH C3.2



NOTE: ALL OTHER PAVEMENT, EXCLUDING BUILDING LOADING AREAS, TO BE 5\"/>

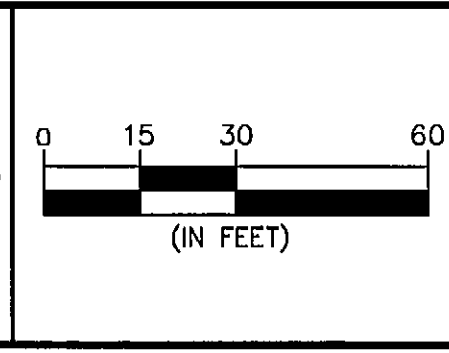
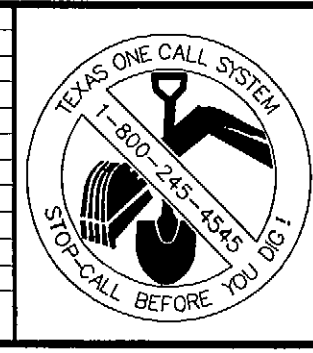
- NOTES:
- CONTRACTOR TO ENSURE A MINIMUM OF 5.7' IS MAINTAINED BETWEEN POND FENCE AND ANY POINT ON THE BUILDING FACE, INCLUDING RAMP, TOWERS AND CORNERS.
 - FENCE IS SHOWN 0.5' INSIDE OF EDGE OF SIDEWALK.
 - SIDEWALK MAY NEED TO BE CANTILEVERED OVER TOP OF GABIION AS MUCH AS 3/4 OF A FOOT IN SOME LOCATIONS. CONTRACTOR TO VERIFY LOCATIONS AND LENGTH OF CANTILEVER PRIOR TO CONSTRUCTION. STRUCTURAL ENGINEERS MUST PROVIDE DESIGN INFORMATION FOR ANY CANTILEVER SIDEWALK.
 - CONTRACTOR SHALL TELEVISION INSPECT EXISTING SANITARY SEWER LINE AFTER STRUCTURAL SIDEWALK PIERS HAVE BEEN INSTALLED. EVIDENCE OF TELEVISION INSPECTION TO BE PROVIDED TO CITY ENGINEER.



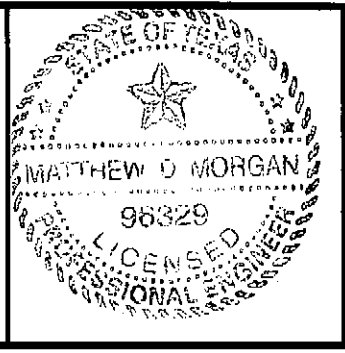
POND "A"

DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|----------|------|----|---|
| 1-16-08 | | MM | REVISED SIDEWALK & FENCE AROUND POND B-1 |
| 12-12-07 | | MM | REVISED BLDG 25 & 26 FOOTPRINT & VARIOUS DIMENSION CALLOUTS |
| 11-14-07 | | MM | REVISED FIRE LANE AND REVISED CURB LOCATION AND TYPE. |
| 9-19-07 | | MM | CLARIFIED CONCRETE BETWEEN 42' POSTERS AND STAPLES |
| 8-29-07 | | MM | REVISED POND A SIDE SLOPES TO 1.5:1 |
| 8-10-07 | | MM | REVISED BLDG 25 & 26 FOOTPRINT & VARIOUS DIMENSION CALLOUTS |
| 4-16-07 | | MM | REVISED VARIOUS DIMENSION CALLOUT AT ENTRIES AND BUILDINGS |
| 3-19-07 | | MM | ADDED HATCHING FOR PAVEMENT SECTIONS |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 98329 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

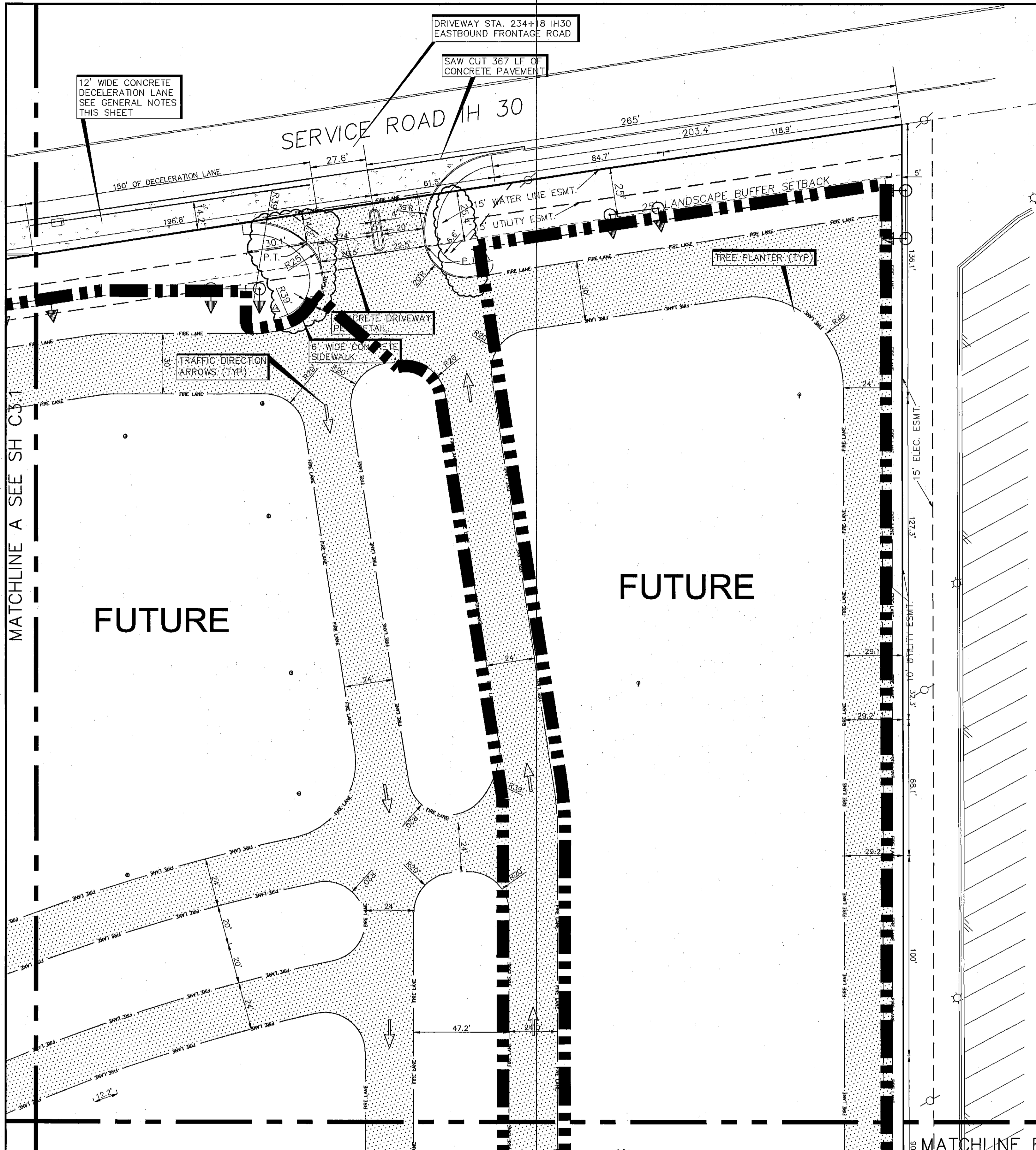
THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

PLAZA AT ROCKWALL

SITE PLAN C



12' WIDE CONCRETE DECELERATION LANE SEE GENERAL NOTES THIS SHEET

DRIVEWAY STA. 234+18 IH30 EASTBOUND FRONTAGE ROAD

SAW CUT 367 LF OF CONCRETE PAVEMENT

SERVICE ROAD IH 30

150' OF DECELERATION LANE

15' WATER LINE ESMT.

15' UTILITY ESMT.

LANDSCAPE BUFFER SETBACK

TREE PLANTER (TYP)

TRAFFIC DIRECTION ARROWS (TYP)

6' WIDE CONCRETE SIDEWALK

CONCRETE DRIVEWAY

FUTURE

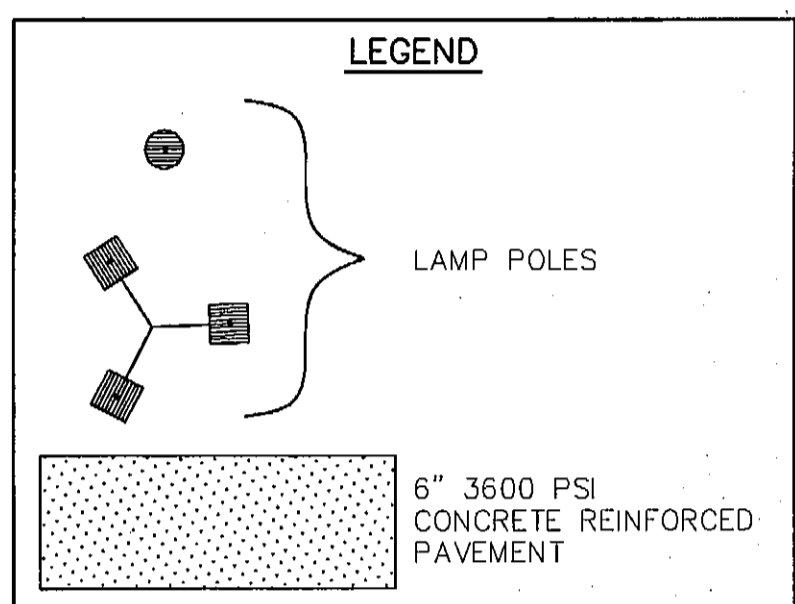
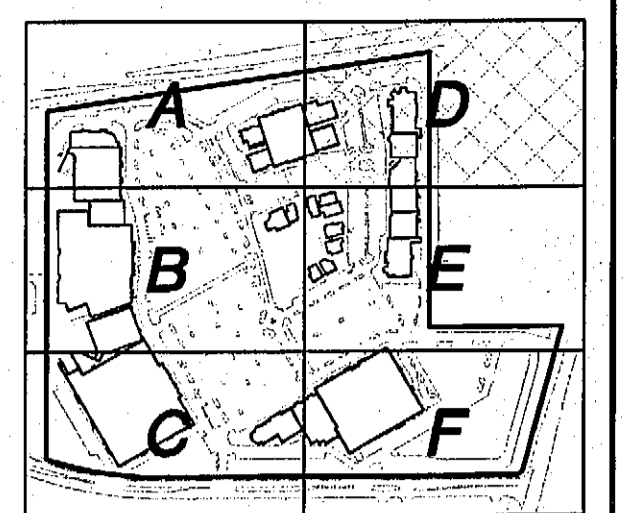
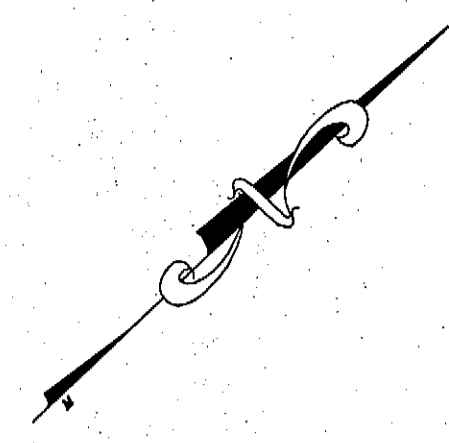
FUTURE

MATCHLINE A SEE SH C3.1

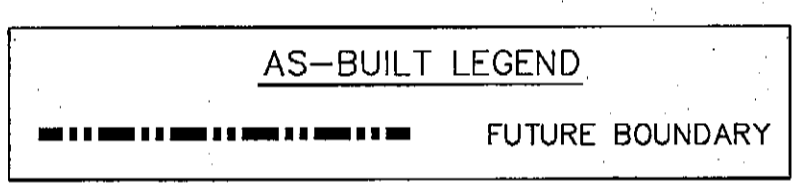
MATCHLINE E SEE SH C3.5

GENERAL NOTES:

1. DECELERATION LANE TO BE 8" REINFORCED 3600 PSI CONCRETE WITH 6" LIME STABILIZED SUBGRADE
2. DIMENSIONS ARE FACE TO FACE

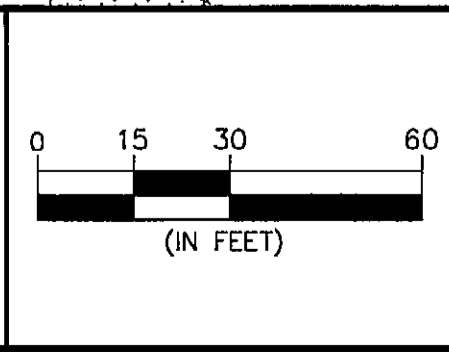
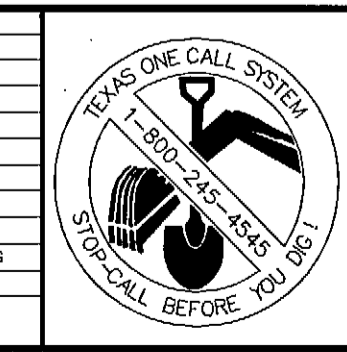


NOTE:
ALL OTHER PAVEMENT, EXCLUDING BUILDING LOADING AREAS, TO BE 5"-3000 PSI REINFORCED CONCRETE

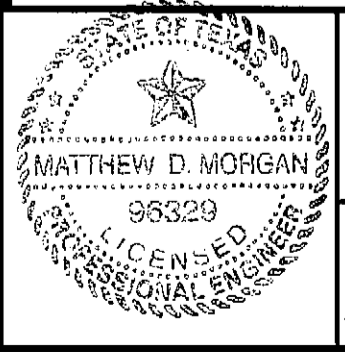


DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|--|
| 1 | 5-18-07 | MM | REVISED RADIUS CALL OUTS FOR ENTRY DRIVE |
| 2 | 4-16-07 | MM | REVISED VARIOUS DIMENSION CALLOUT AT ENTRIES AND BUILDINGS |
| 3 | 3-19-07 | MM | ADDED HATCHING FOR PAVEMENT SECTIONS |



DESIGNED:
DRAWN:
CHECKED:



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3/25/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

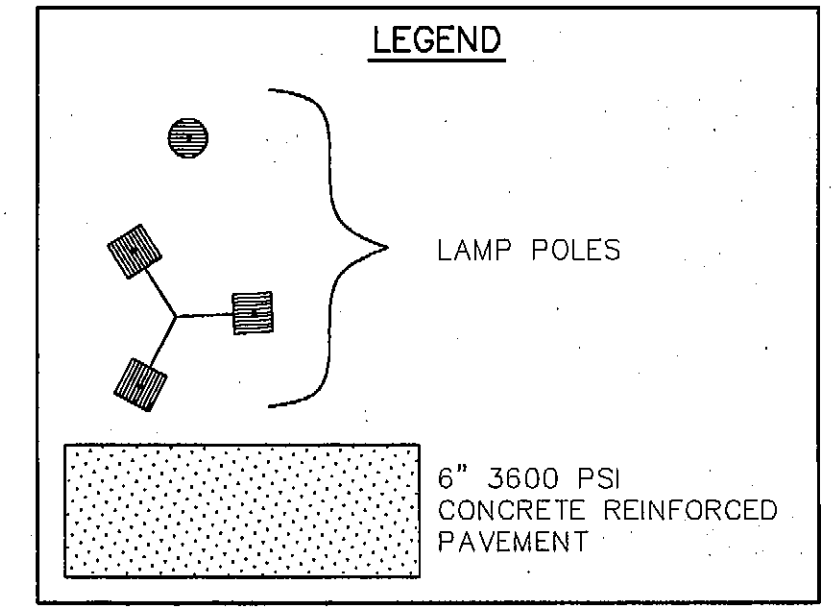
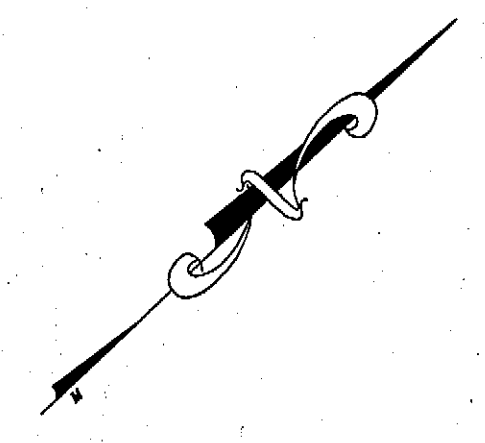
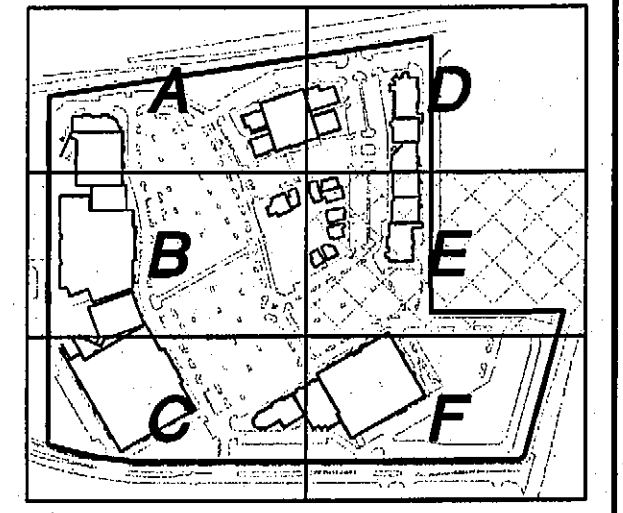
PLAZA AT ROCKWALL

SITE PLAN D

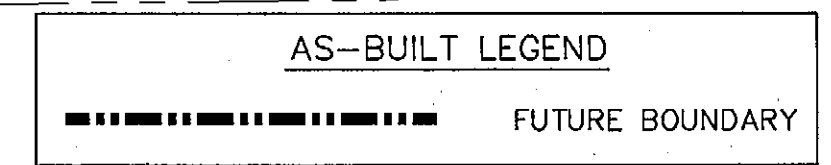
SHEET 18
C3.4
OF 56 SHEETS

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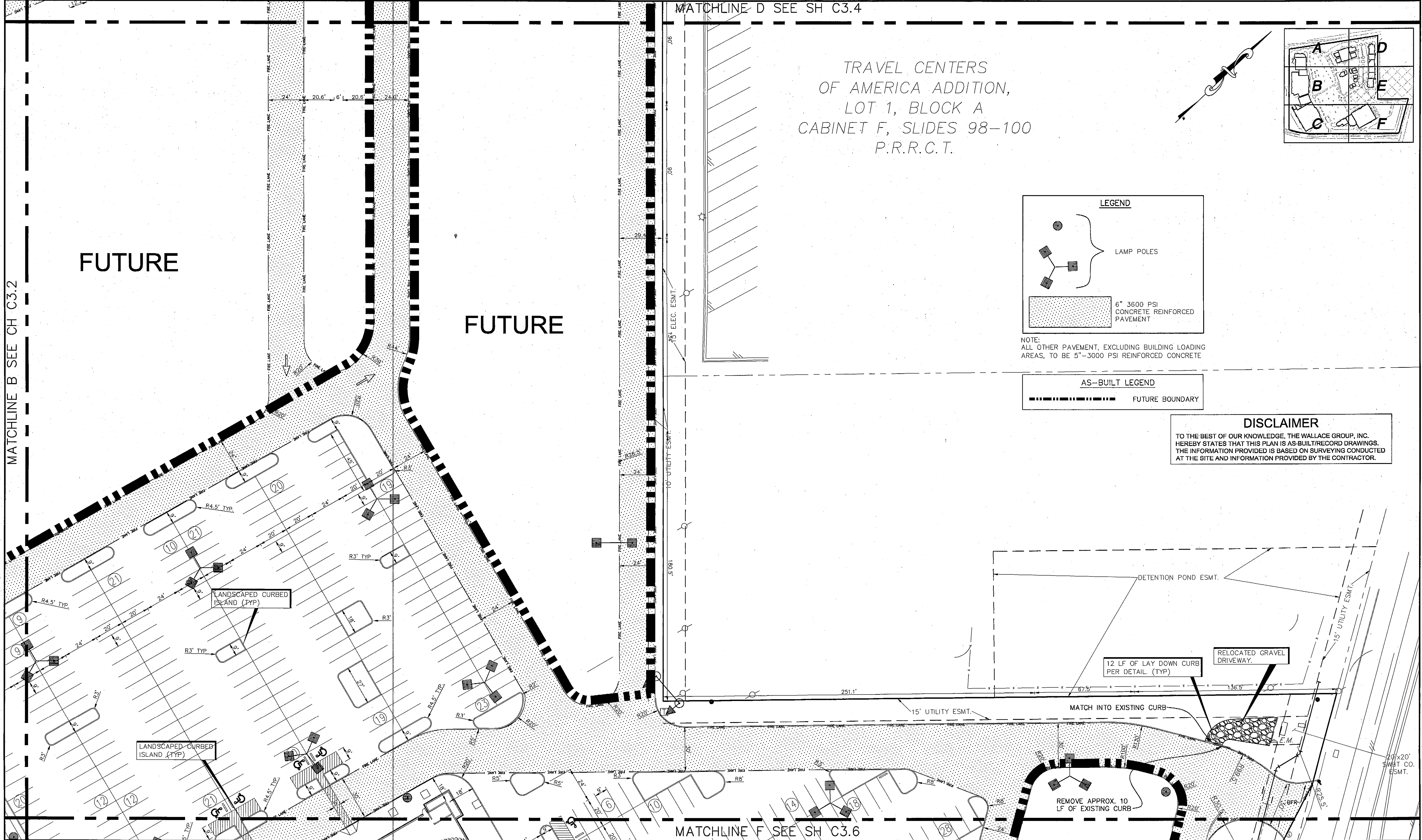
TRAVEL CENTERS
OF AMERICA ADDITION,
LOT 1, BLOCK A
CABINET F, SLIDES 98-100
P.R.R.C.T.



NOTE:
ALL OTHER PAVEMENT, EXCLUDING BUILDING LOADING
AREAS, TO BE 5"-3000 PSI REINFORCED CONCRETE



DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC.
HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS.
THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED
AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

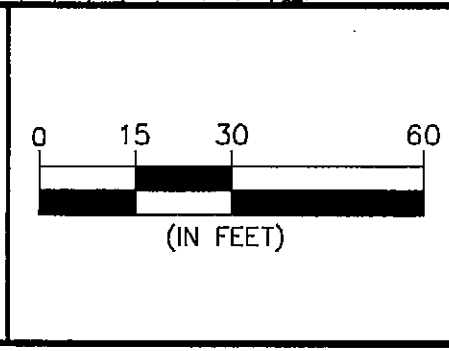
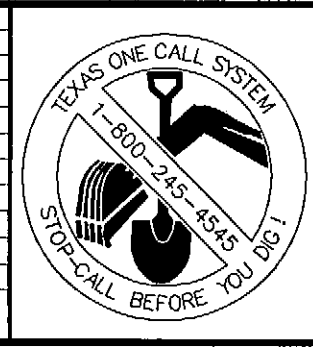


MATCHLINE B SEE CH C3.2

MATCHLINE D SEE SH C3.4

MATCHLINE F SEE SH C3.6

| REV | DATE | BY | DESCRIPTION |
|----------|------|----|---|
| 12-12-07 | MM | | REVISED EAST ENTRANCE FROM SH 205 |
| 4-16-07 | MM | | REVISED VARIOUS DIMENSION CALCULAT AT ENTRIES AND BUILDINGS |
| 3-19-07 | MM | | ADDED HATCHING FOR PAVEMENT SECTIONS |



DESIGNED:
DRAWN:
CHECKED:

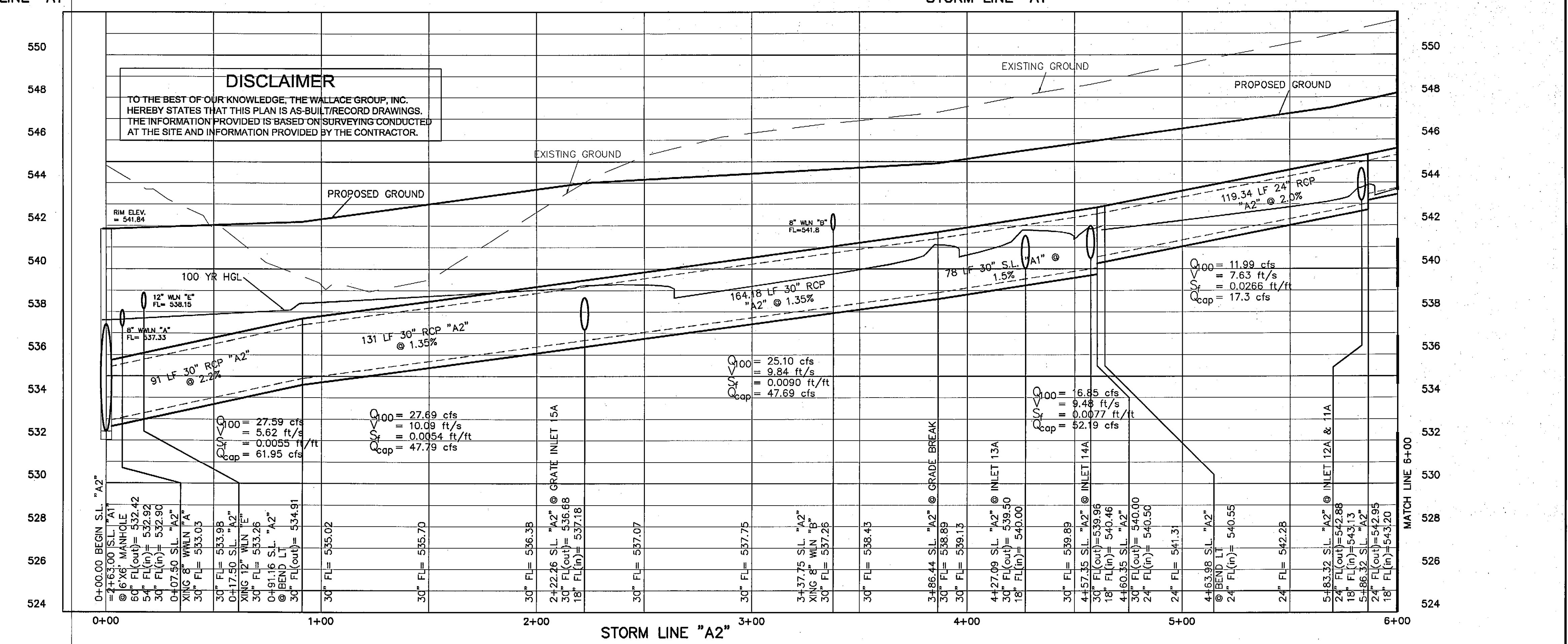
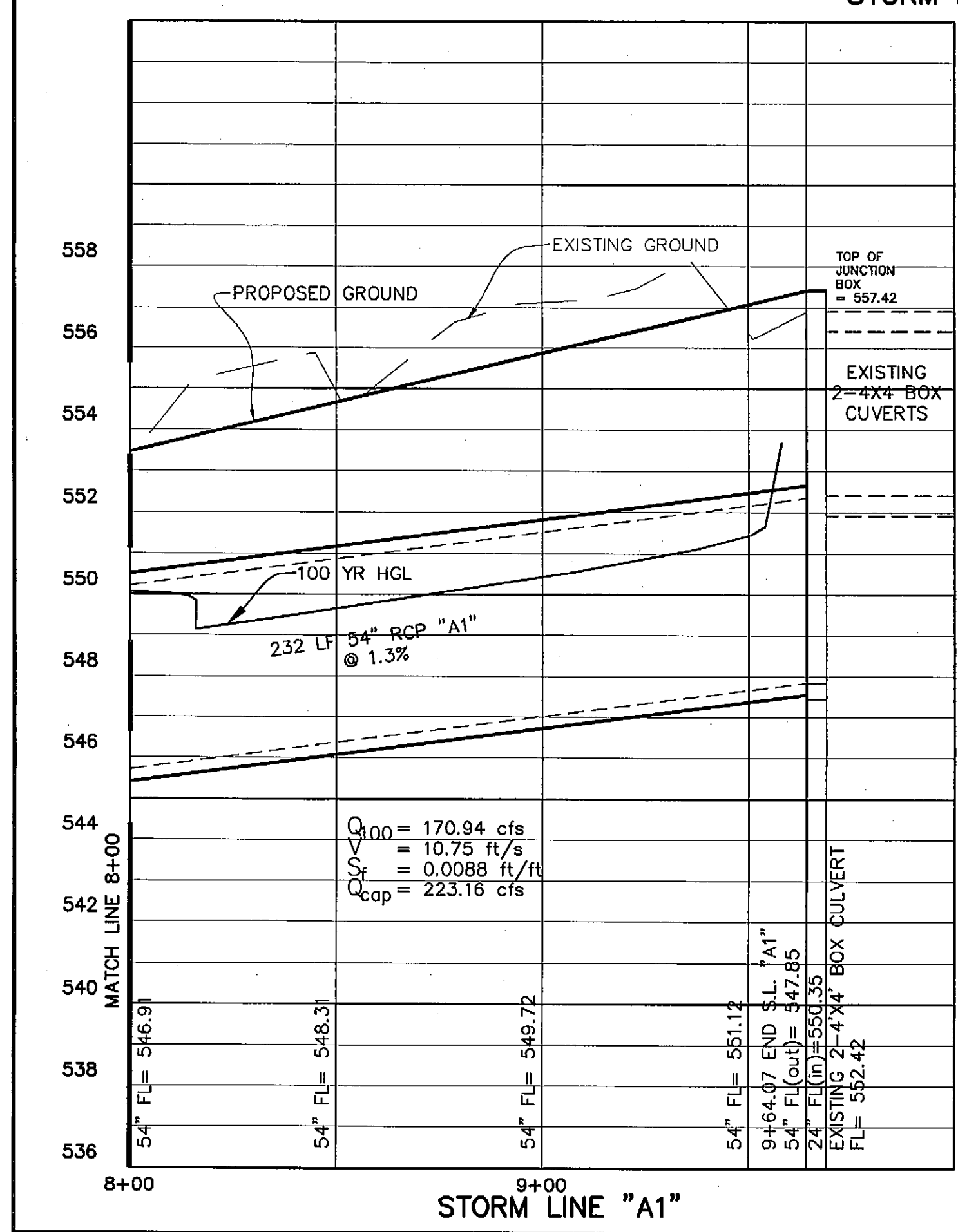
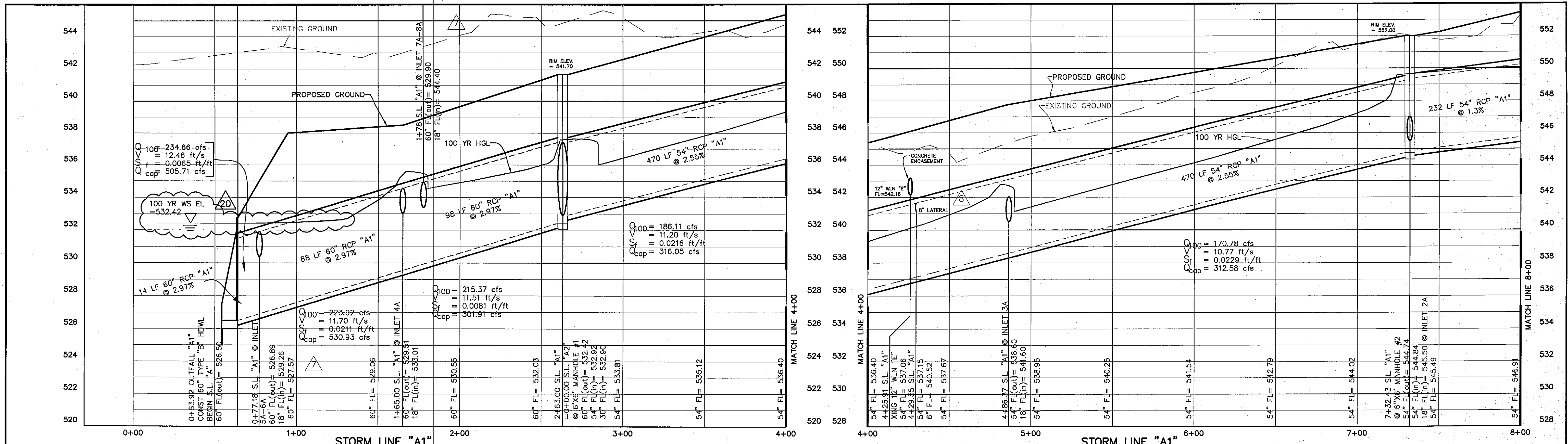
"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY
MATTHEW D. MORGAN, P.E. # 95328
ON THE DATE SHOWN ON THE DAYSTAMP.
ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE
ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS
THE WALLACE GROUP INC.
SURVEYORS PLANNERS

THE WOODMONT COMPANY
PLAZA AT ROCKWALL
SITE PLAN E

SHEET 19
C3.5
OF 56 SHEETS



| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|---|
| 1 | 8-29-07 | MM | Revised Pond A side slopes to 1.5:1 changed HGL Line A1 |
| 2 | 4-12-07 | MM | Added 8" lateral from Dick's loading dock drain inlet to 54" RCP |
| 3 | 4-10-07 | MM | Revised Storm Connection for Staples and Inlet 7A to connect to 60" |

DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

DESIGNED: _____
 DRAWN: _____
 CHECKED: _____

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 98309 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

3/05/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

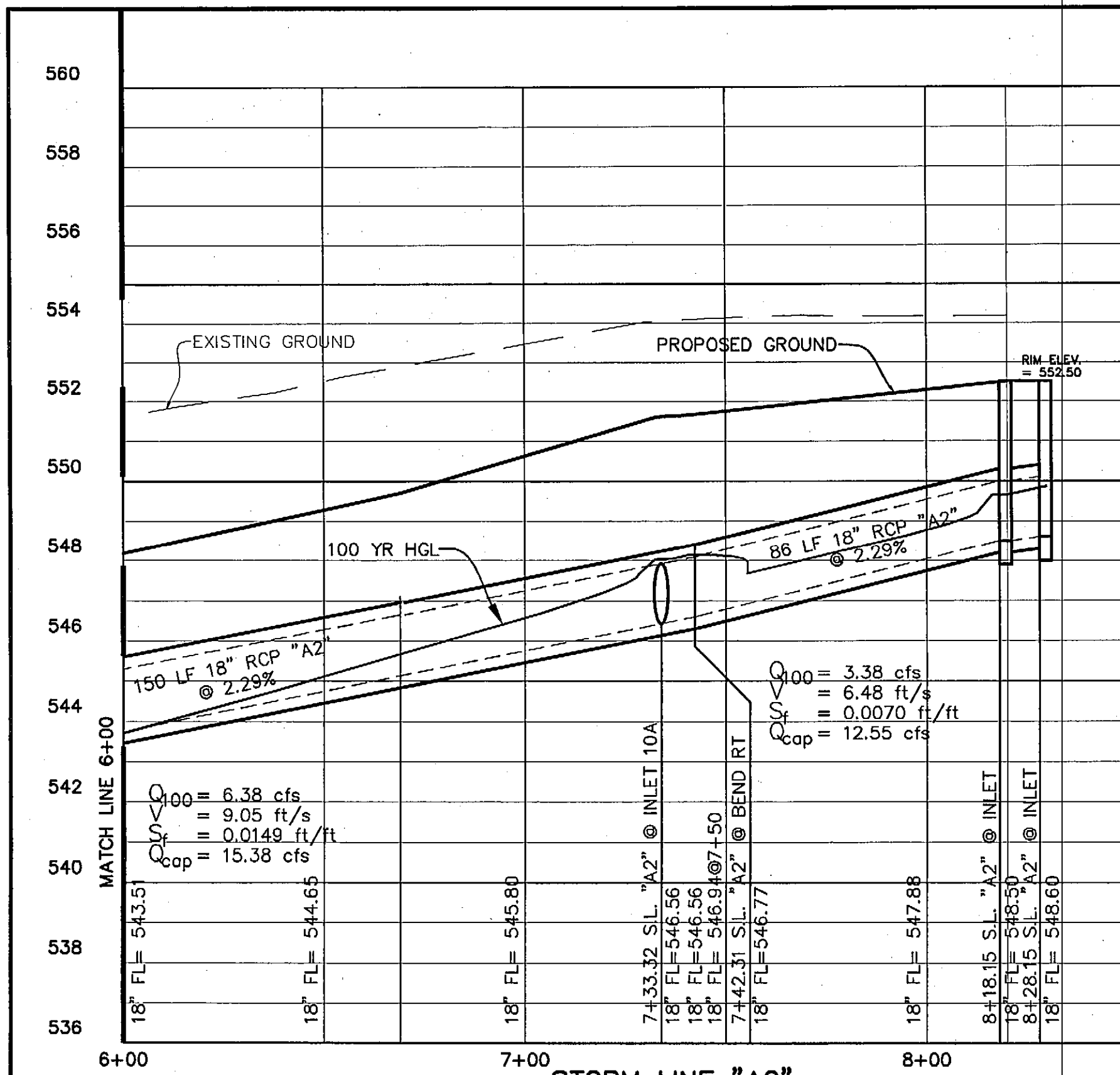
PLAZA AT ROCKWALL

STORM PROFILE LINE "A1 & A2"

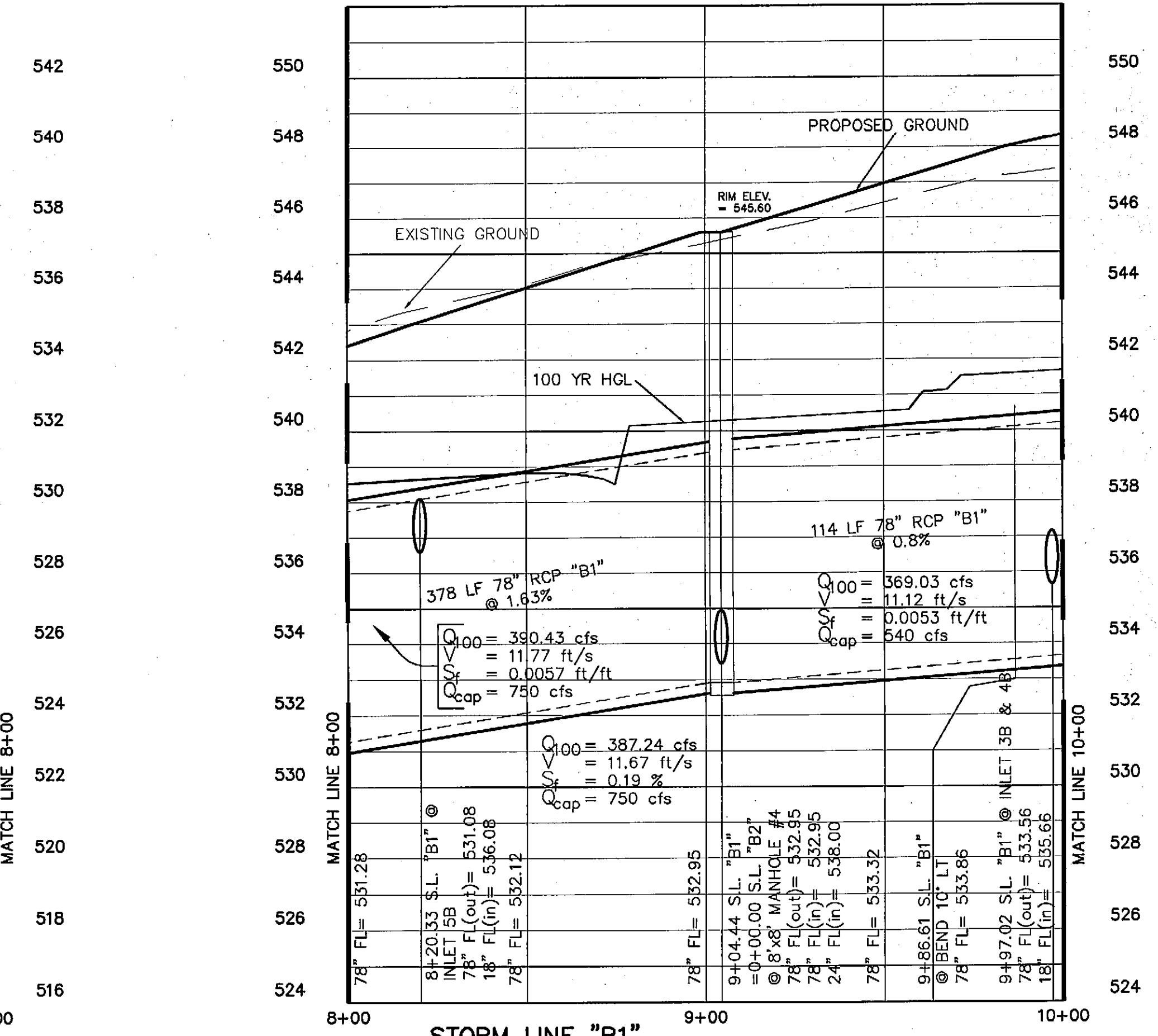
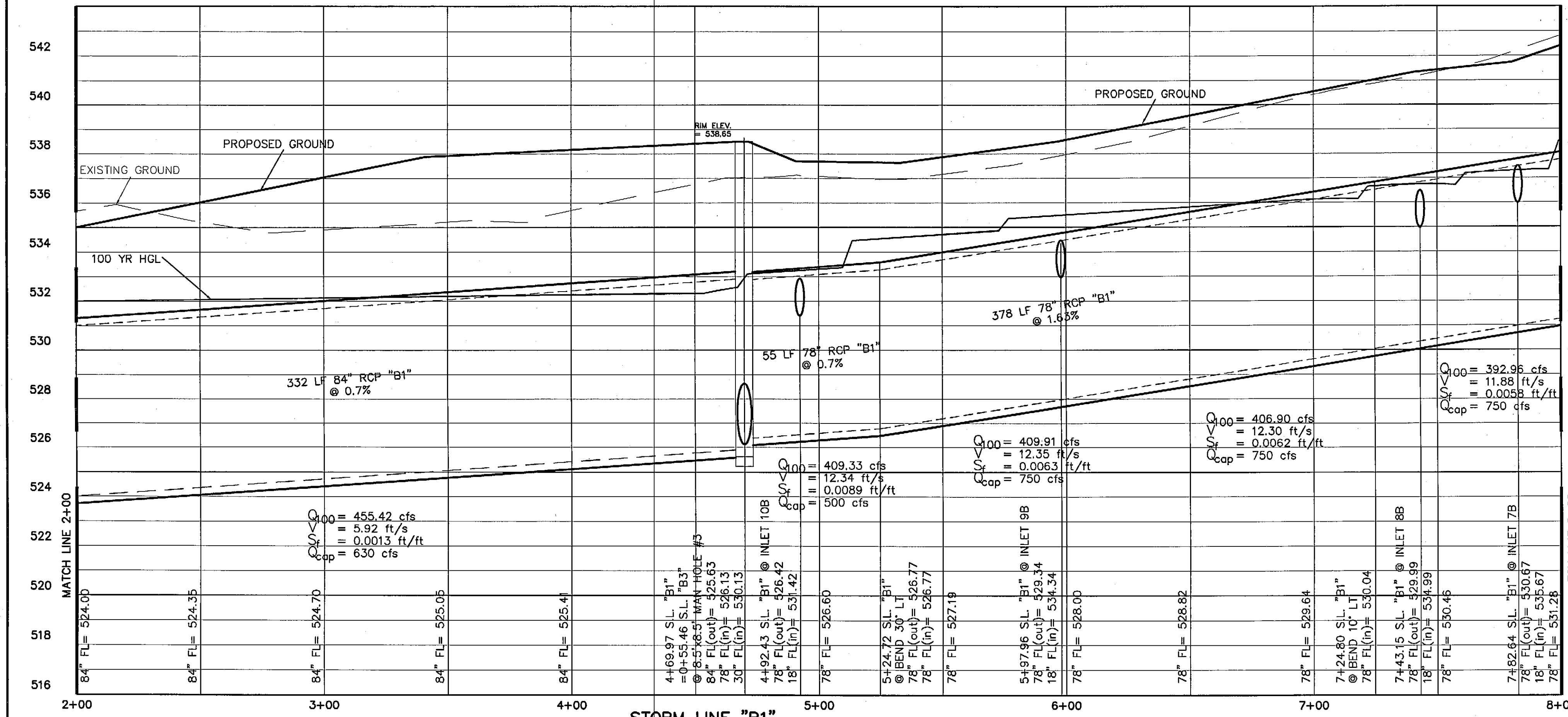
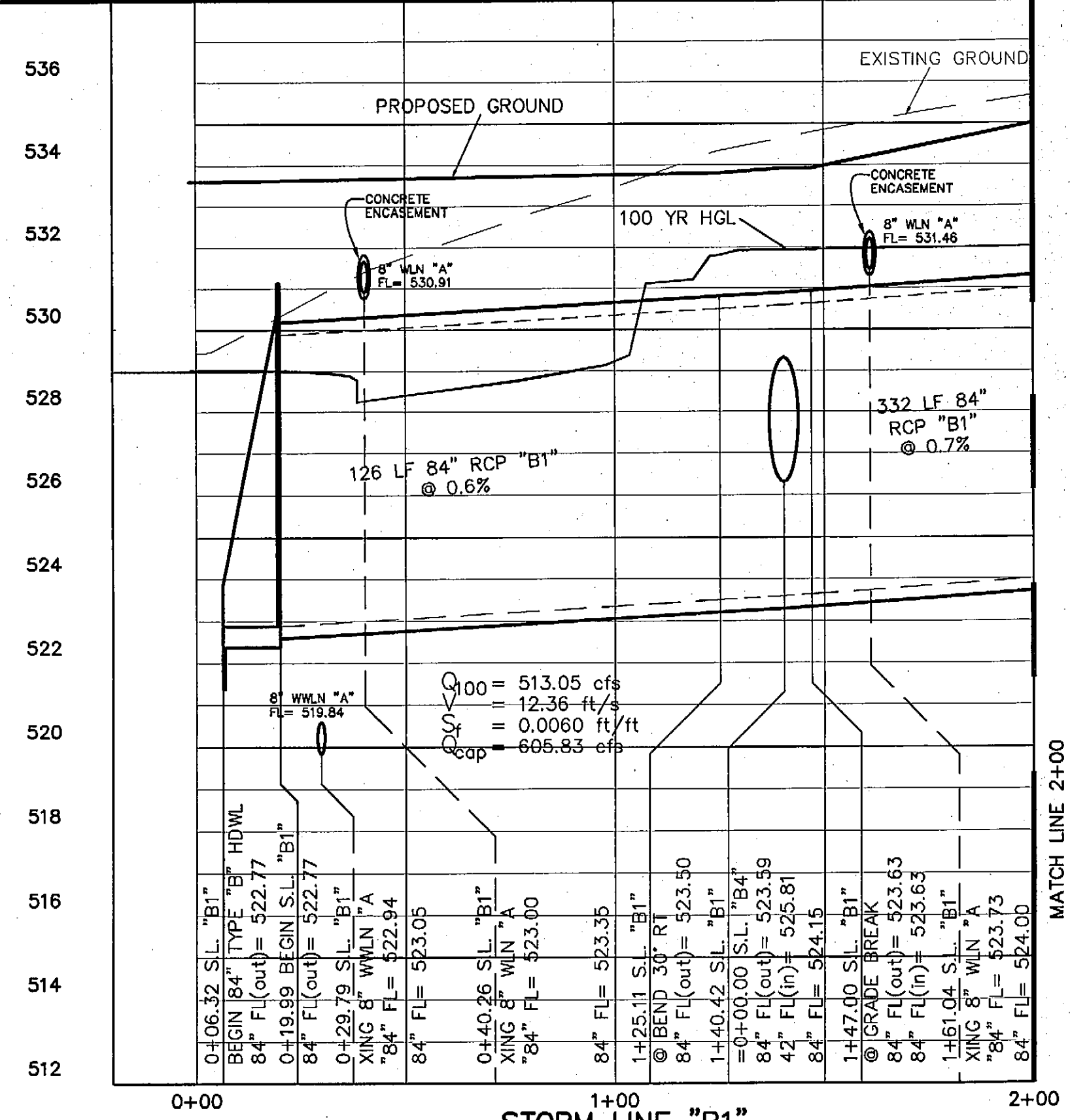
SHEET 44

C5.13

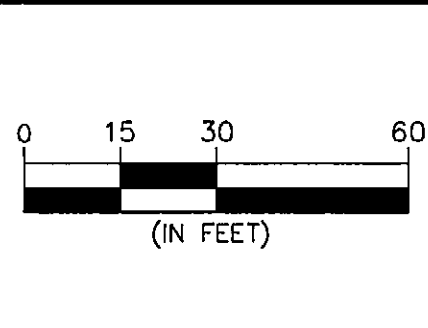
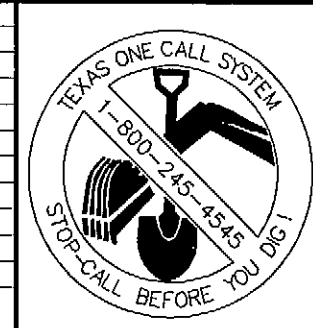
OF 56 SHEETS



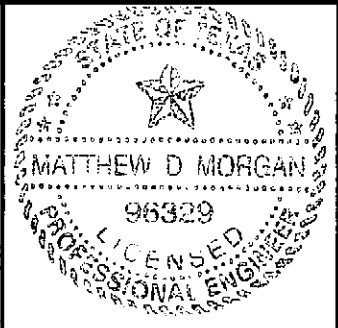
DISCLAIMER
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| REV | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| | | | |
| | | | |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



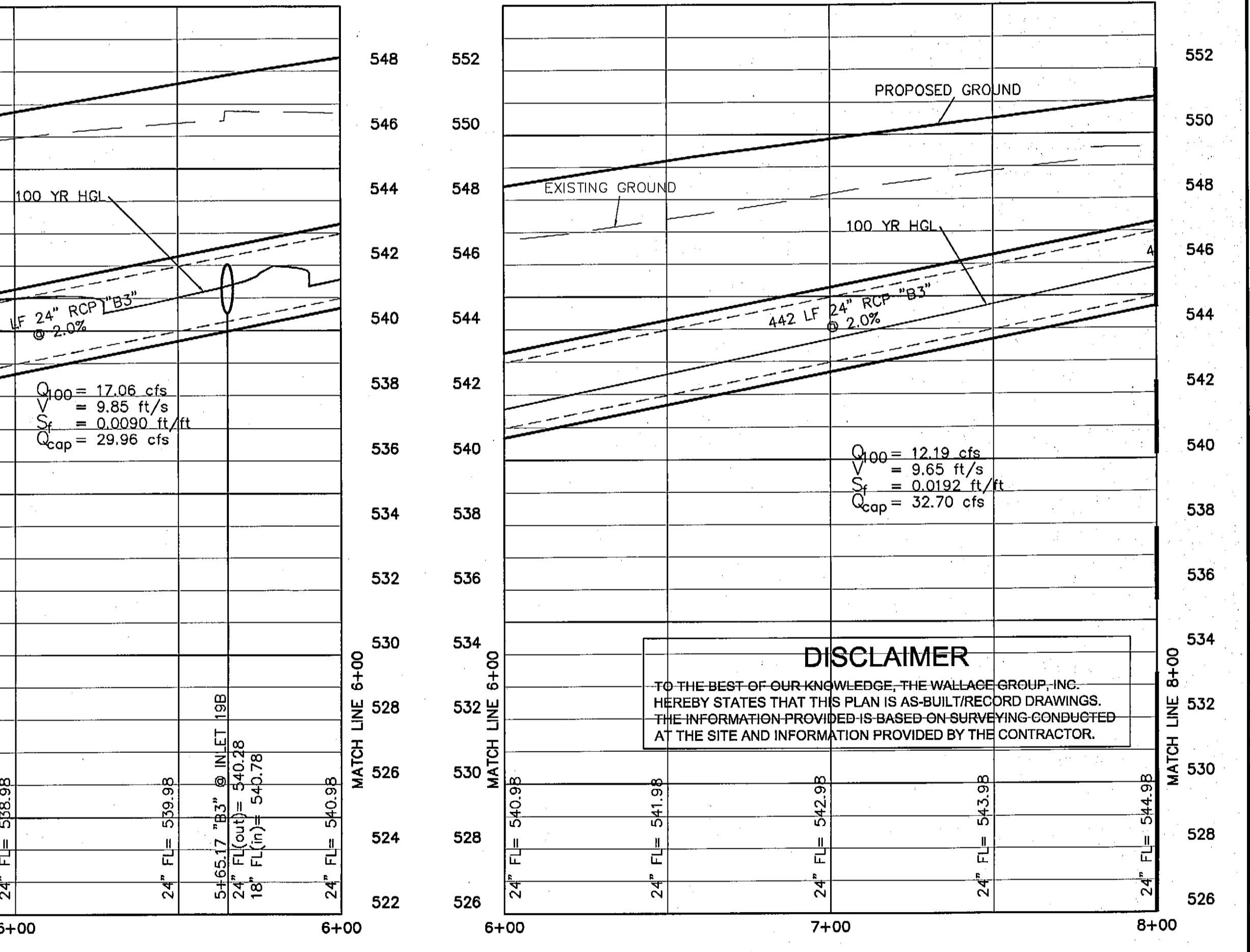
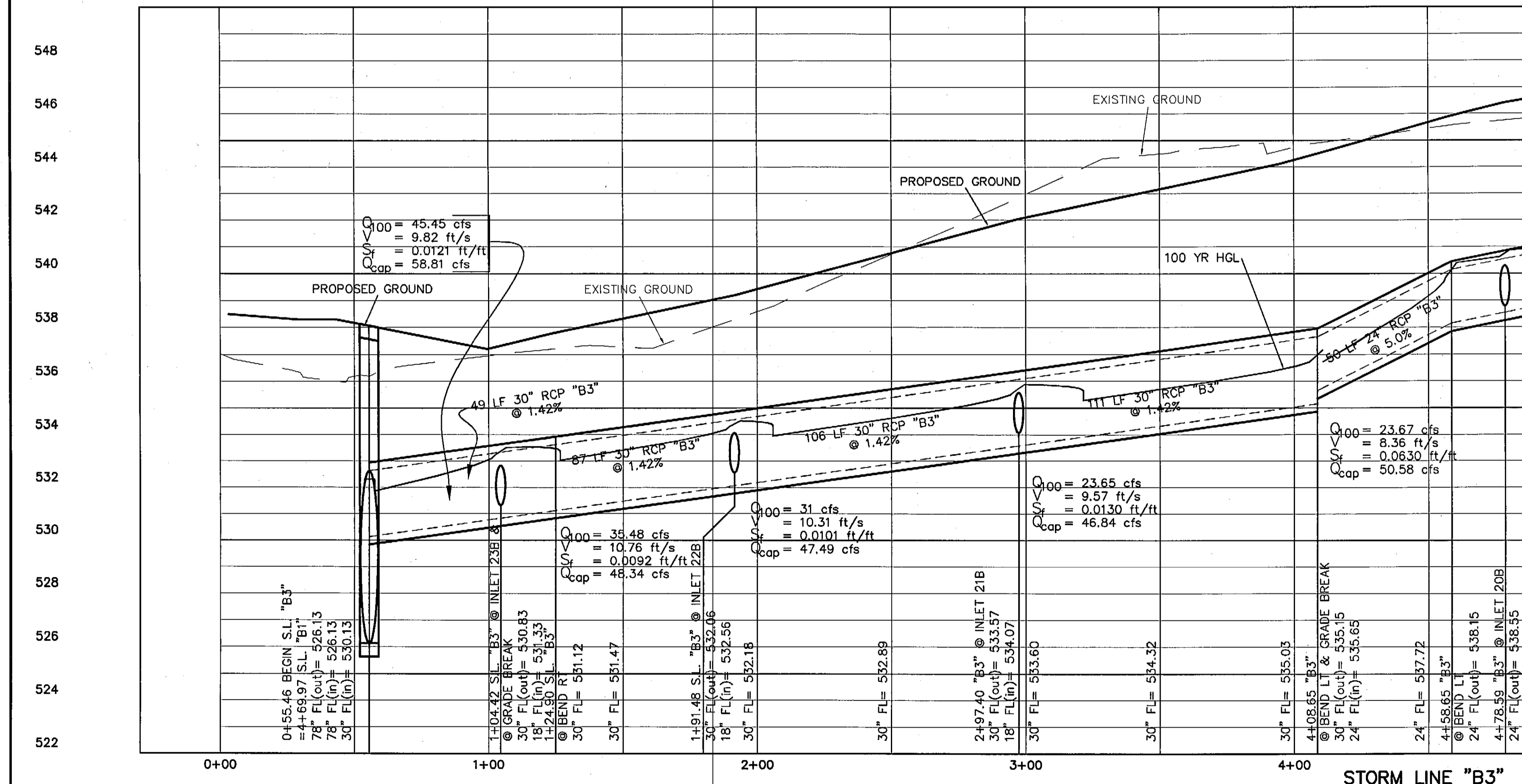
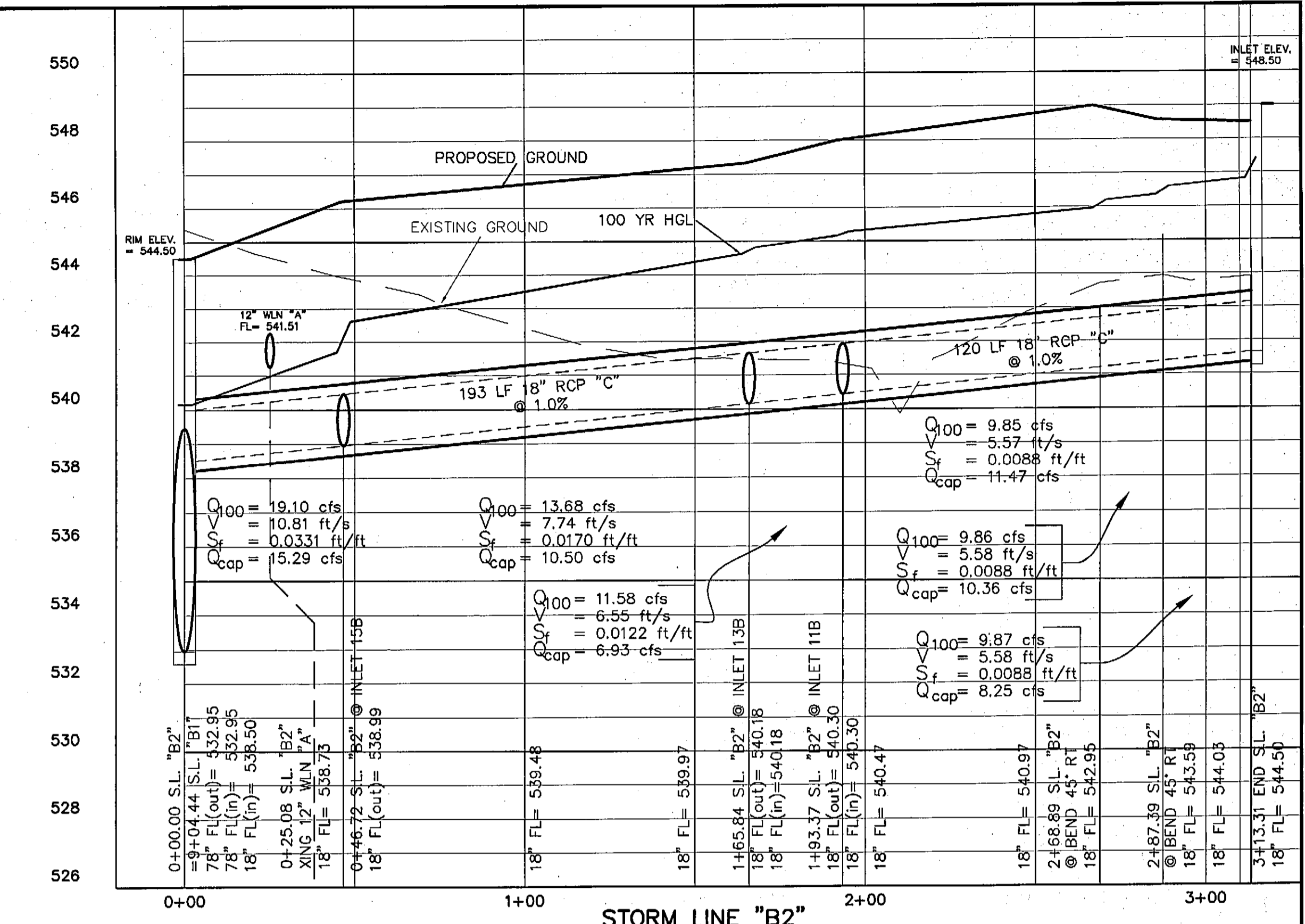
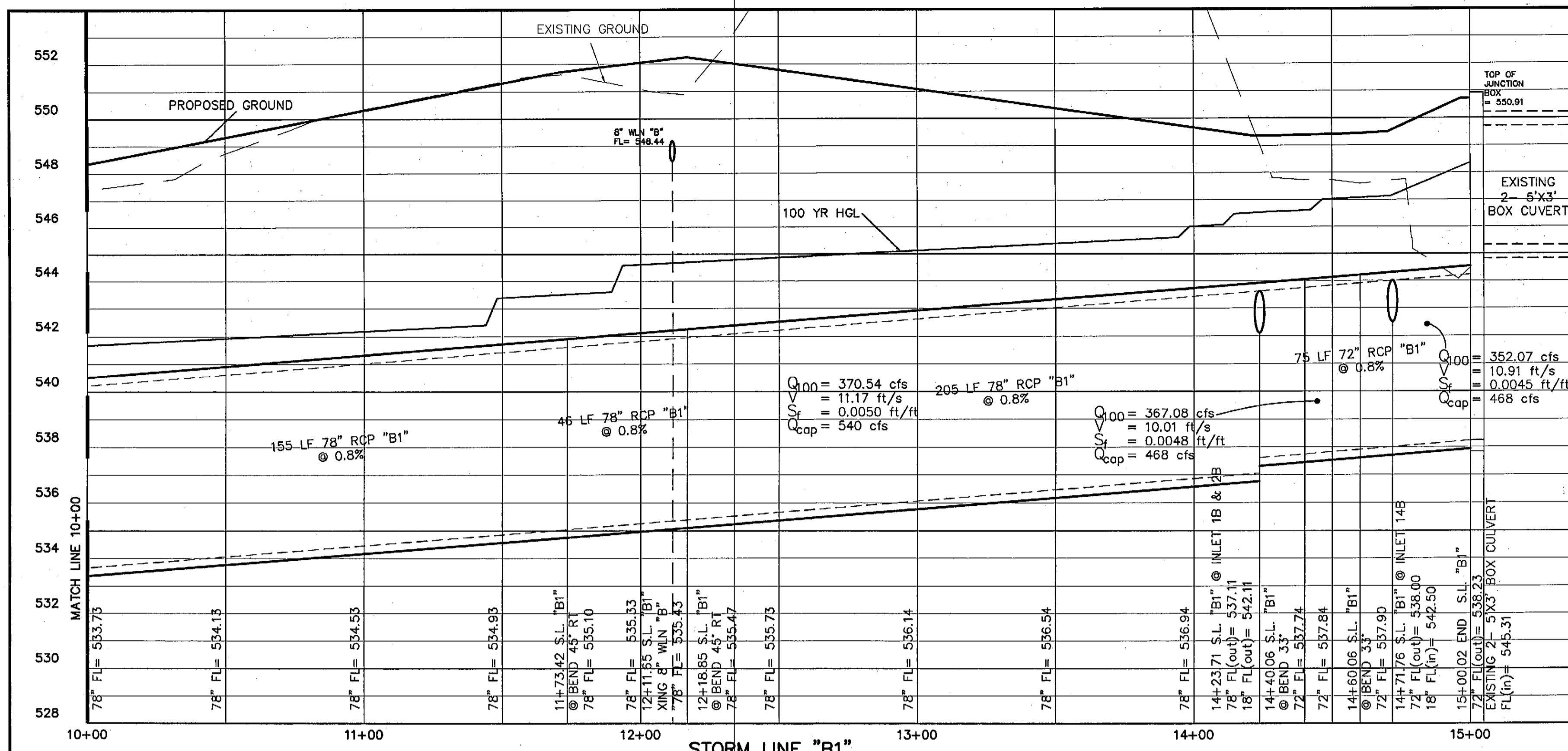
"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAL, P.E. # 98329 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT."

3/25/08 *Matthew D. Morgal*
 DATE NAME

ENGINEERS ARCHITECTS
THE WALLACE GROUP INC.
SURVEYORS PLANNERS

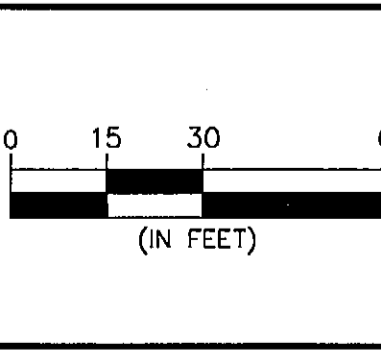
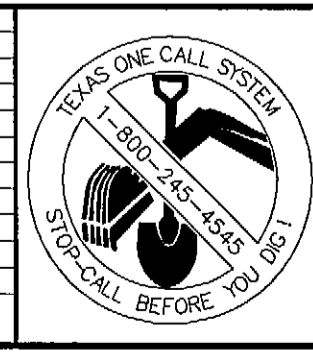
THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
STORM PROFILE
LINE "A2 & B1"

G:\Projects\18359\645-BUILT\18359-AB_C5.14-STORM.DWG, STORM A2-B1 (C5.14), 2/28/2008 4:14:42 PM, rps_xerox_myri1.pcl, 11

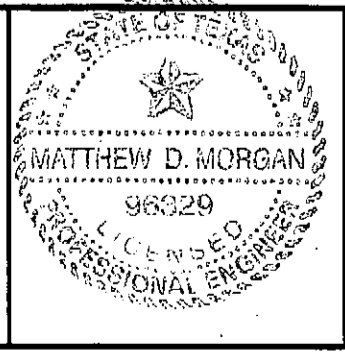


DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|-----|------|----|-------------|
| | | | |
| | | | |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96329 ON THE DATE SHOWN ON THE DAYSEAL. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
 DATE NAME

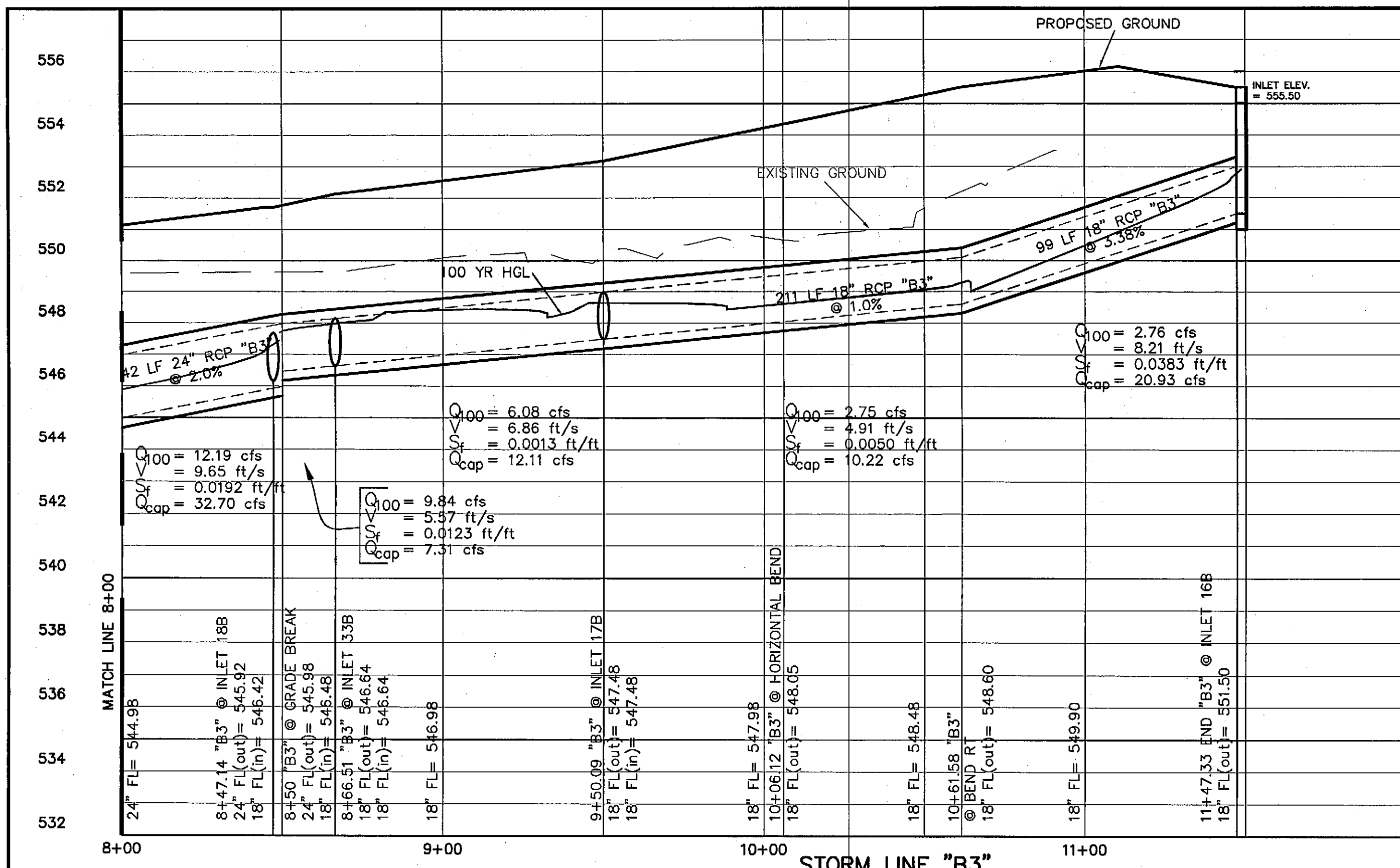
ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

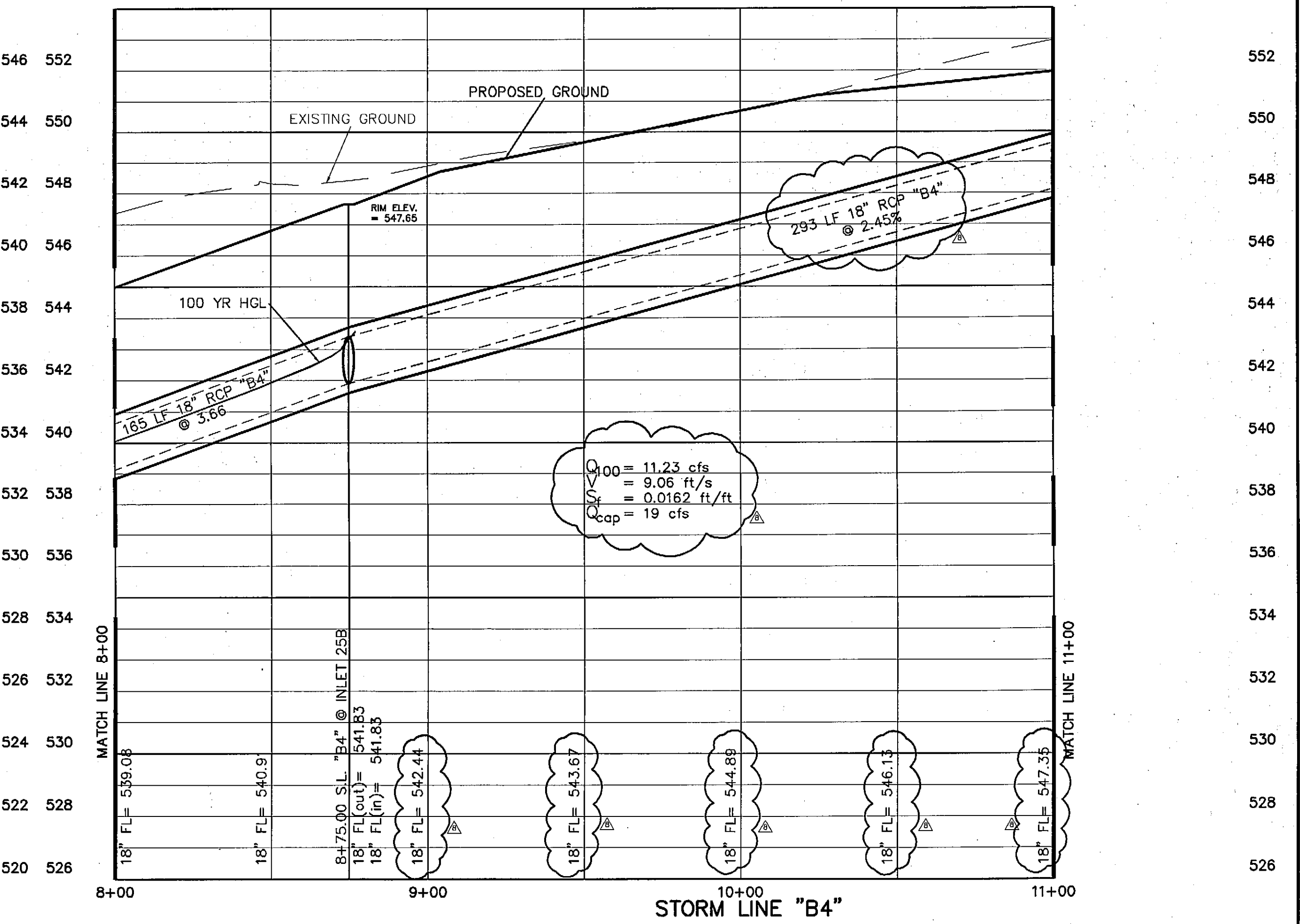
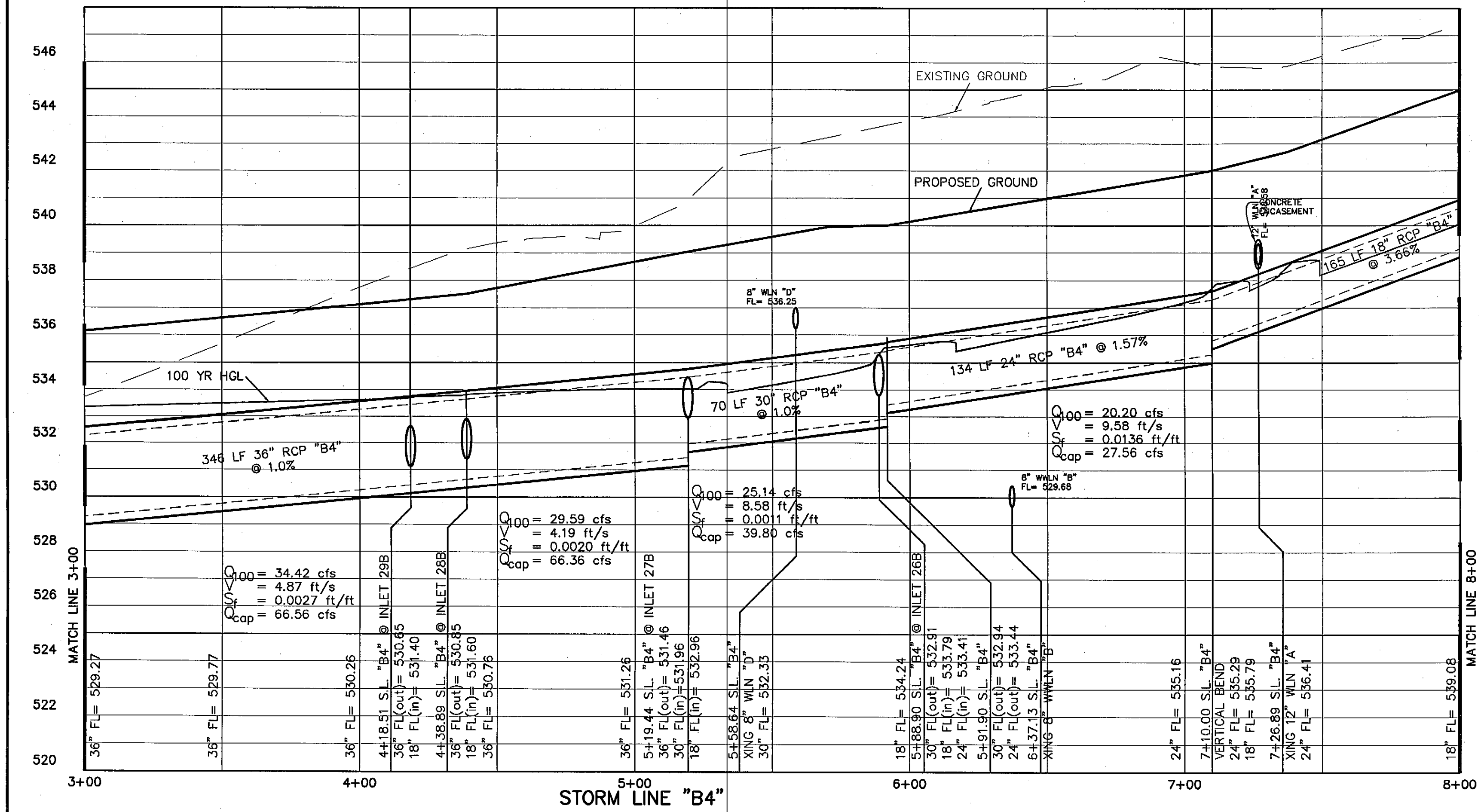
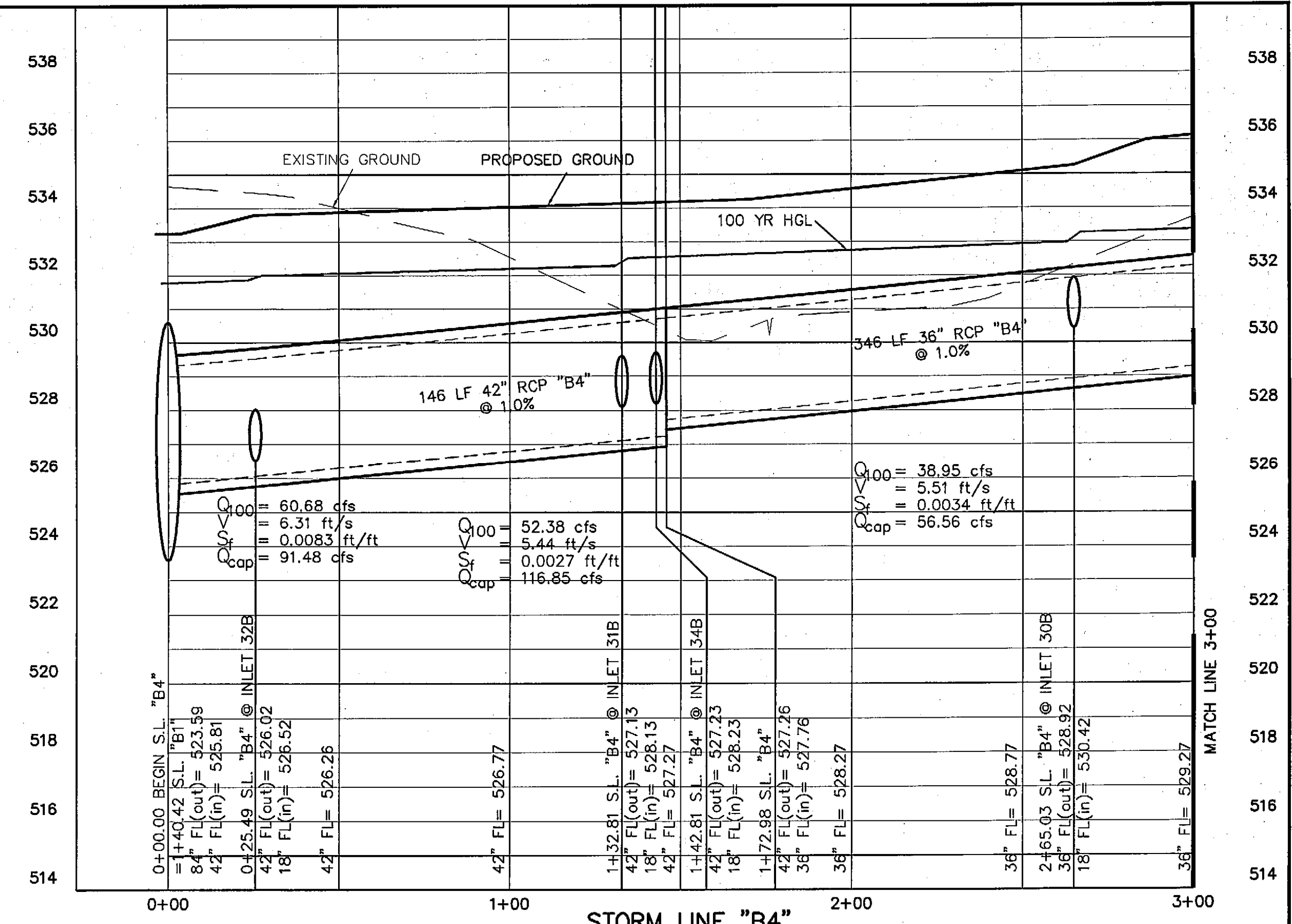
SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL

**STORM PROFILE
 LINE "B1, B2 & B3"**



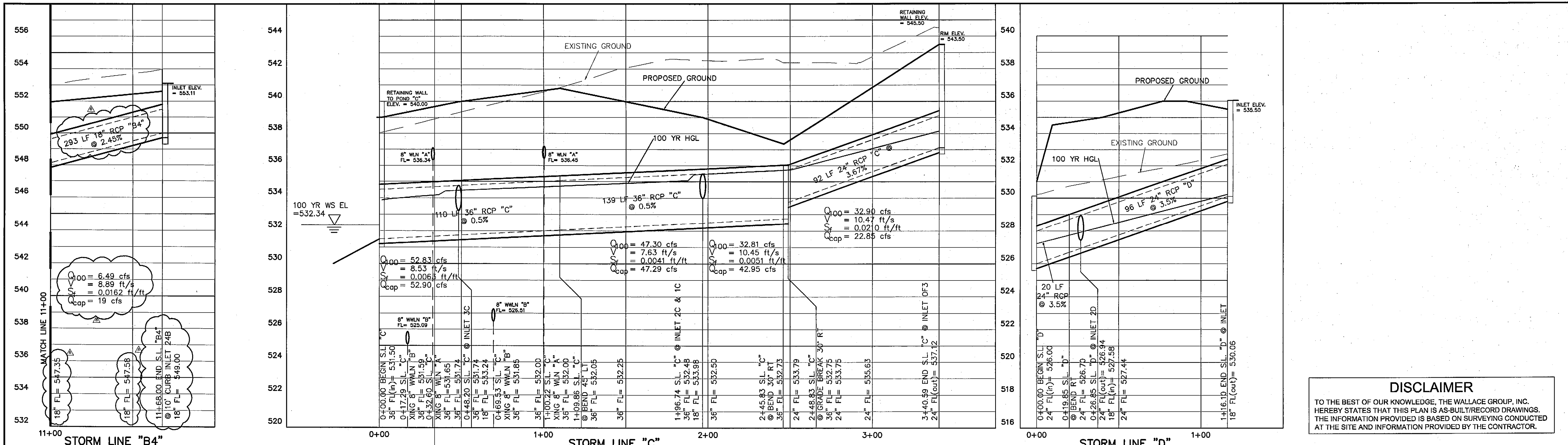
DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.



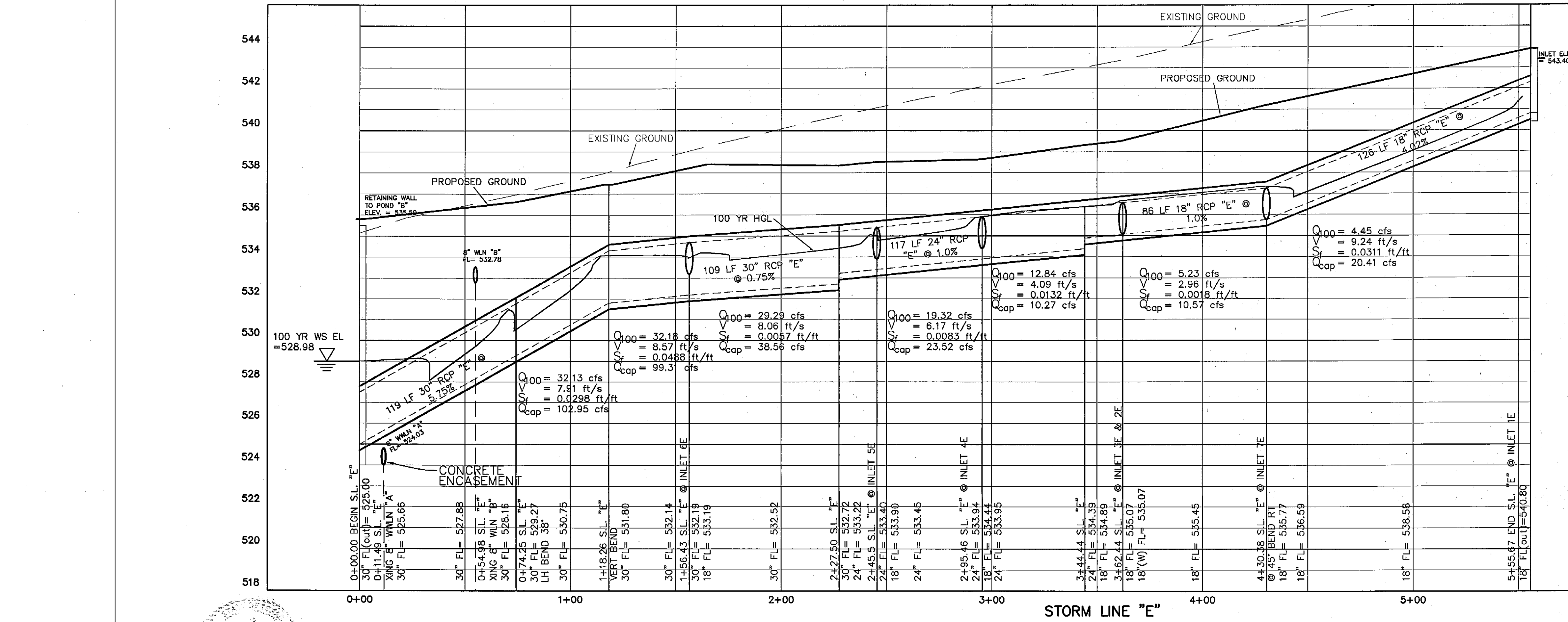
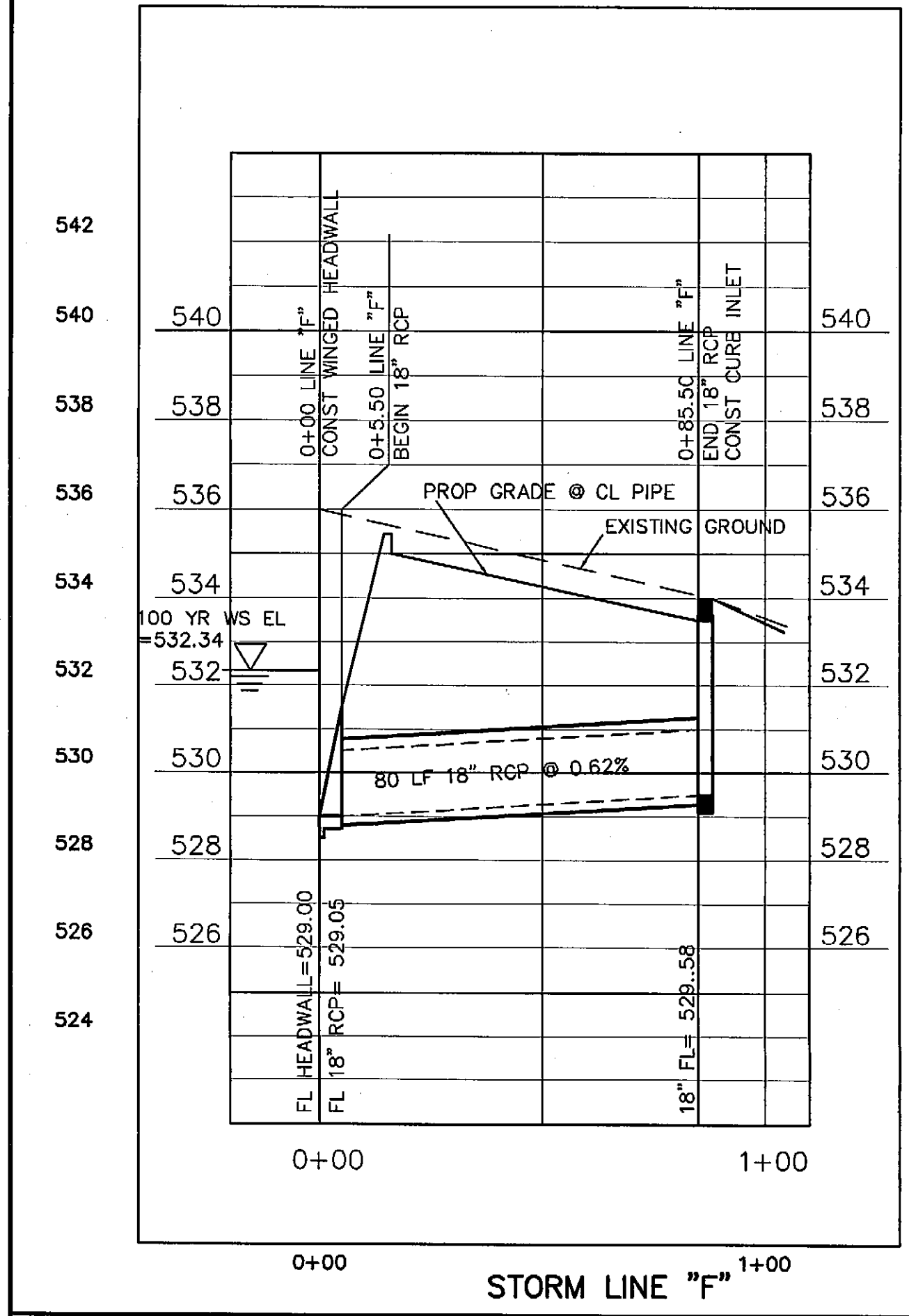
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|--|--|--|---|---|--|--|
| | | | DESIGNED: _____ DRAWN: _____ CHECKED: _____ | THE WALLACE GROUP INC. ENGINEERS ARCHITECTS SURVEYORS PLANNERS | THE WOODMONT COMPANY PLAZA AT ROCKWALL STORM PROFILE LINE "B3 & B4" | SHEET 47 C5.16 OF 56 SHEETS |
| | | | DATE: 3/25/08 BY: M.D. Morgan | | | |

| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|--|
| 1 | 4-12-07 | MM | LOWERED STORM SLOPE FOR FUTURE LOADING DOCK DRAINAGE |

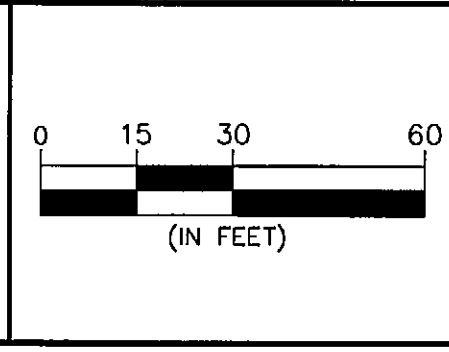
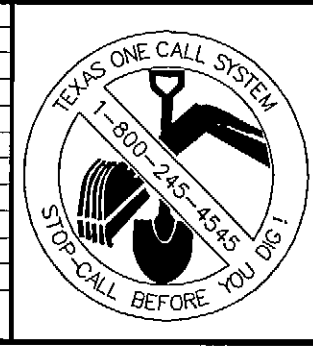
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DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.



| REV | DATE | BY | DESCRIPTION |
|-----|---------|----|--------------------------------------|
| 1 | 1-12-07 | MM | LOWRED SLOPE FOR FUTURE LOADING DOCK |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. WOODMONT, P.E. # 96329 ON THE DATE SHOWN ON THE DAYSTAMP. CALIBRATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.

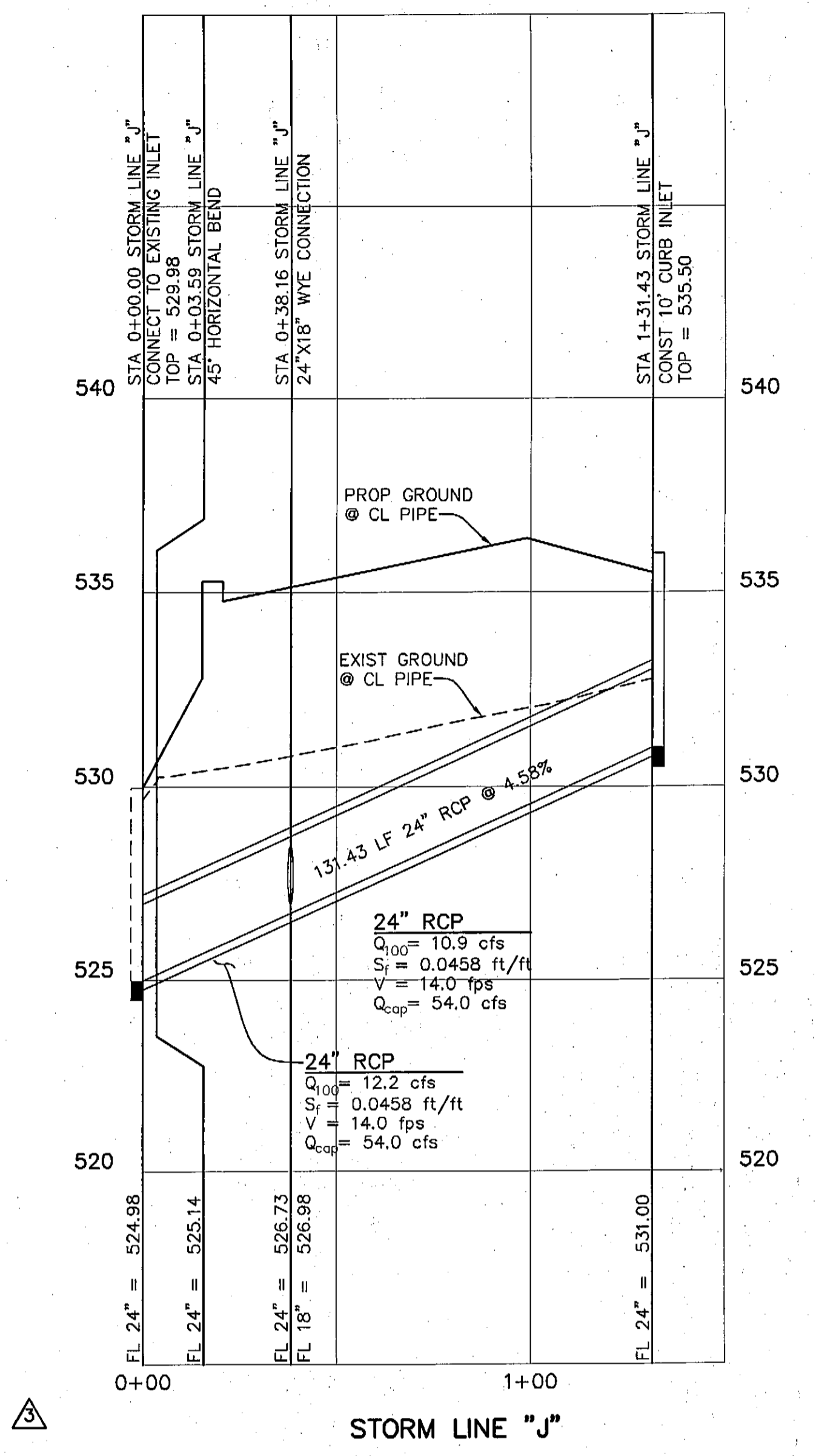
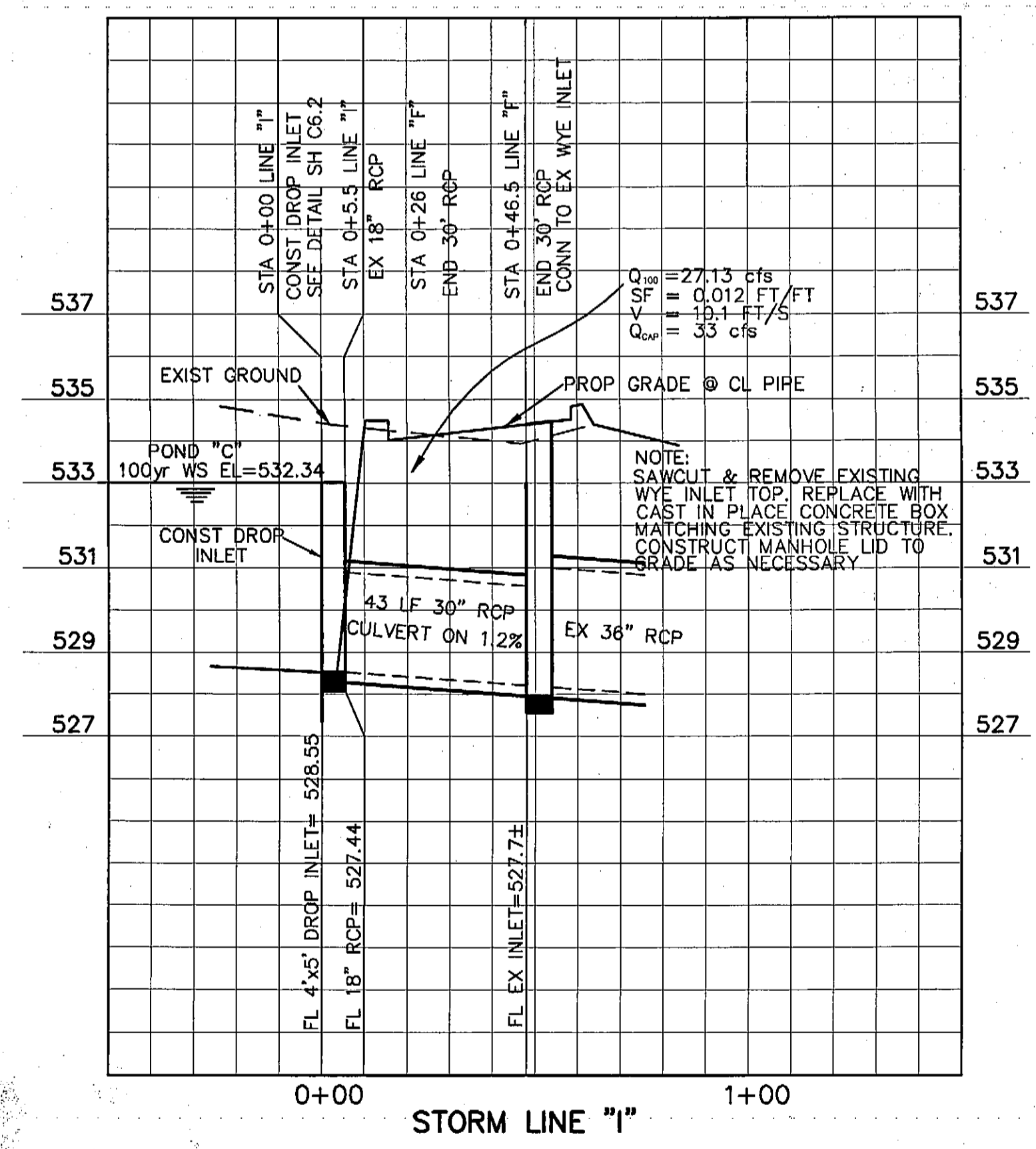
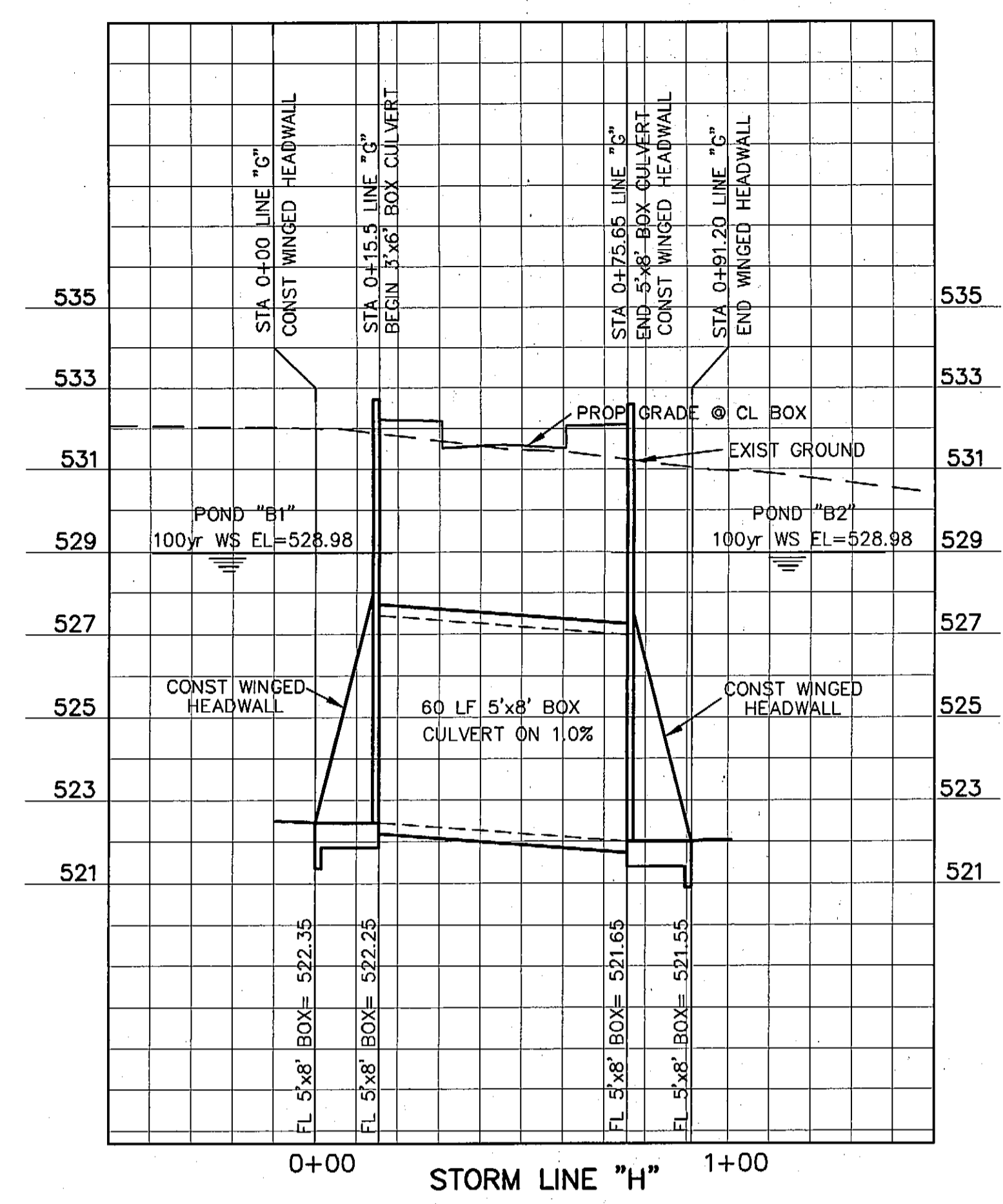
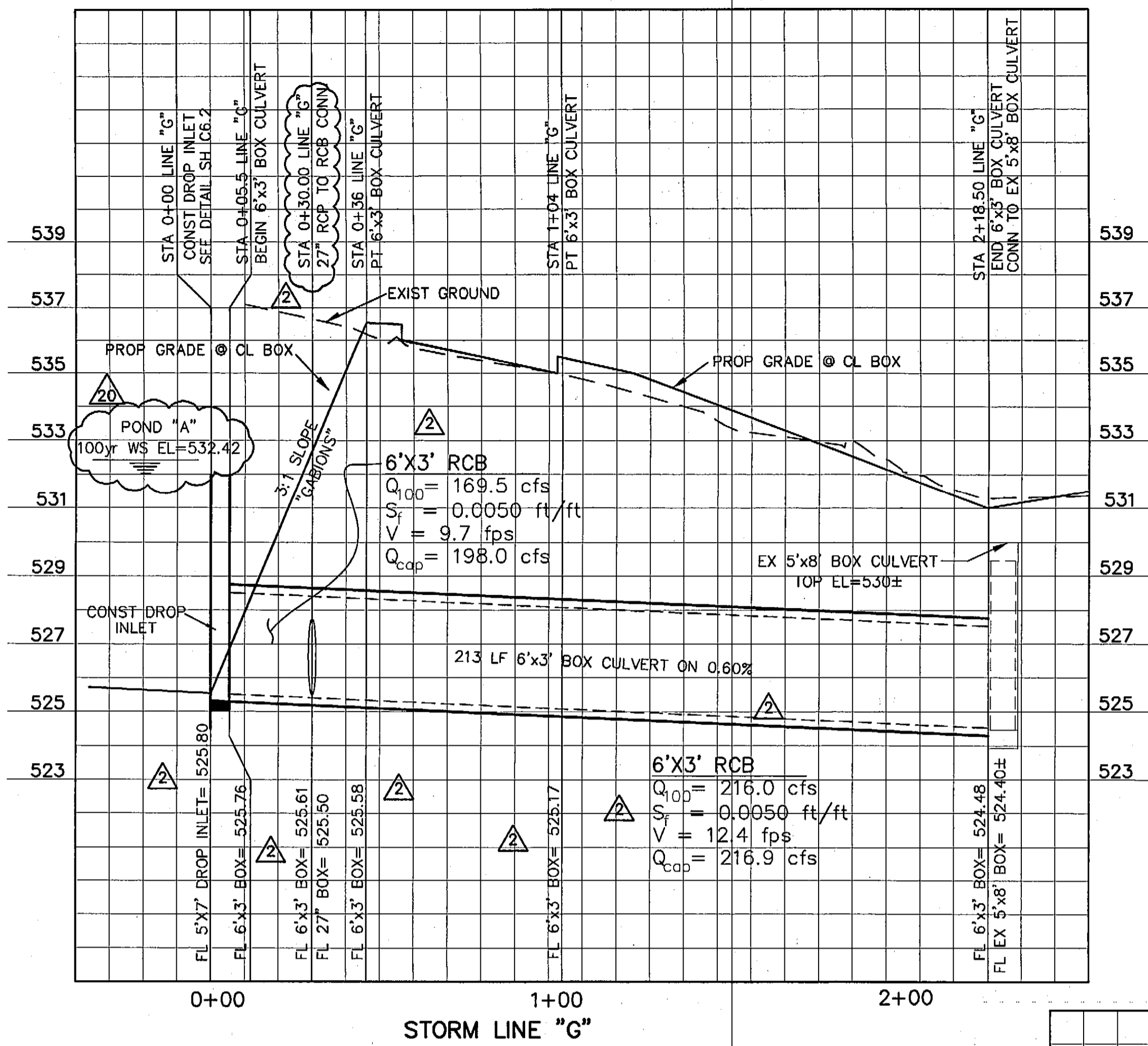
3/25/08 *Matthew D. Woodmont*
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

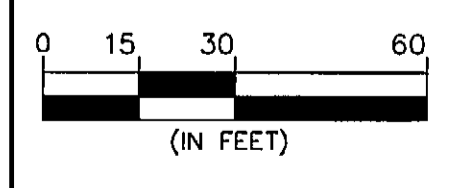
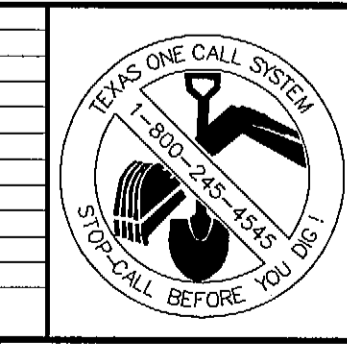
SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
STORM PROFILE
LINE "B4, C, D, E & F"



DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|--|
| 8-29-07 | | MM | Revised Pond A side slopes to 1.5:1; revised W.S.E.L. Line G |
| 3-7-07 | | RS3 | Add profile for Storm Lines I & J |
| 3-5-07 | | RS3 | Connect existing 24\"/> |



DESIGNED: [Signature]
 DRAWN: [Signature]
 CHECKED: [Signature]

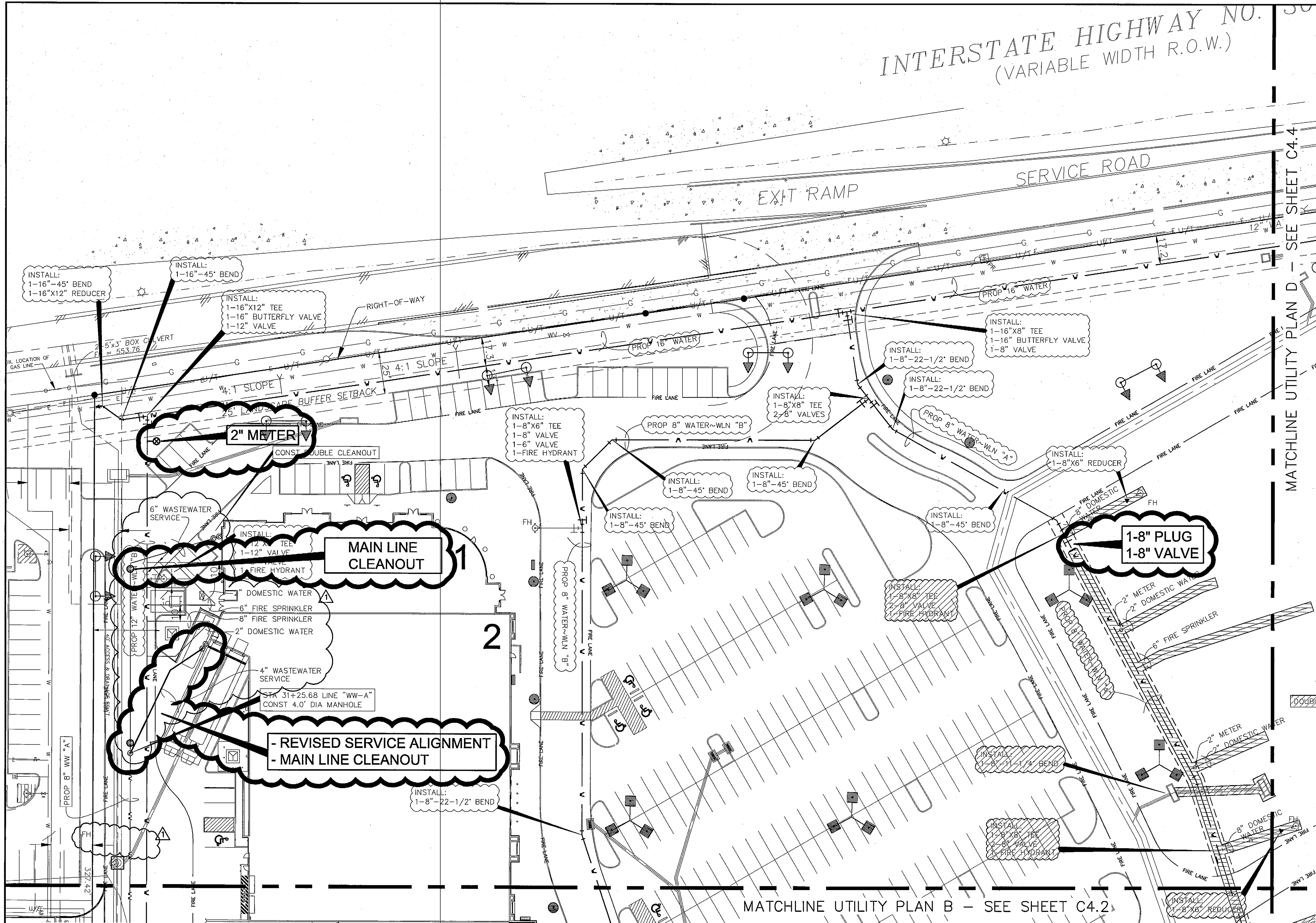
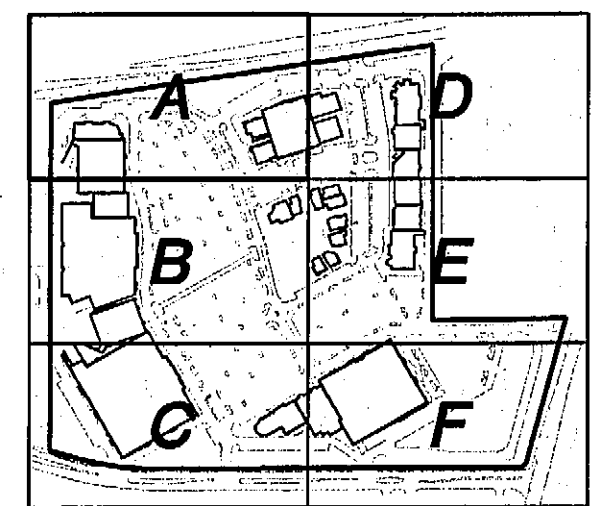
THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96329 ON THE DATE SHOWN ON THE DAYSTAMP. ALIENATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT.
 3/25/08 [Signature]
 DATE NAME

ENGINEERS ARCHITECTS SURVEYORS PLANNERS

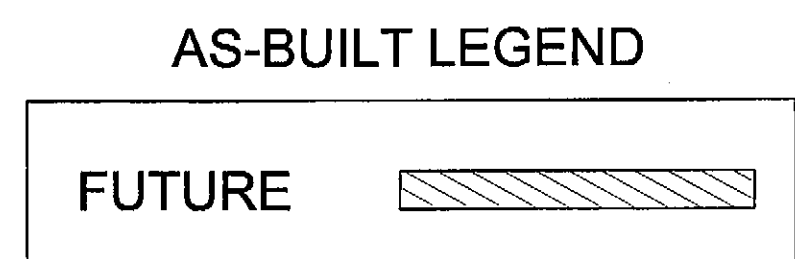
THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
STORM LINES G-H

G:\Projects\18358\WWS\AS-BUILT\C5.18-STORM-DWG_STORM G-H (C5.18).DWG, 2/28/2009 4:10:01 PM, rrs, Xerox_MyArt_Lpd3_11

INTERSTATE HIGHWAY NO. 30
(VARIABLE WIDTH R.O.W.)

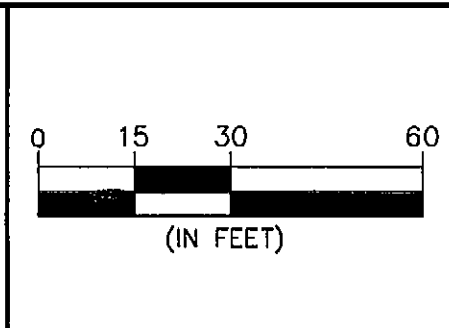
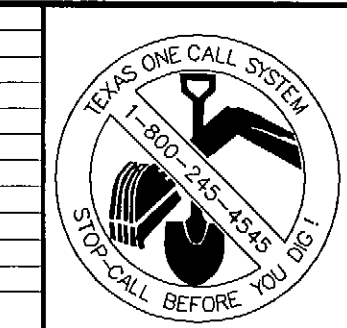


- GENERAL NOTES:
1. ALL WATER LINES TO BE CLASS 200
 2. INSTALL BLUE EMS DISK ON WATER LINE AT EVERY CHANGE IN DIRECTION (BENDS, TEES, VALVES, FH & SERVICES)
 3. INSTALL GREEN EMS DISK ON SANITARY SEWER LINE AT EVERY CHANGE IN DIRECTION (MANHOLE, CLEANOUT & SERVICE)
 4. ALL FIRE HYDRANTS TO HAVE 5' CLEARANCE AROUND (NOT INCLUDING ADDITIONAL 2' CLEARANCE AT 18' PARKING SPACES)



DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|---|
| 2-19-07 | | RSJ | Revised utility service connections & removed fire hydrants |



DESIGNED:
DRAWN:
CHECKED:



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 98329 ON THE DATE SHOWN ON THE DATESAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

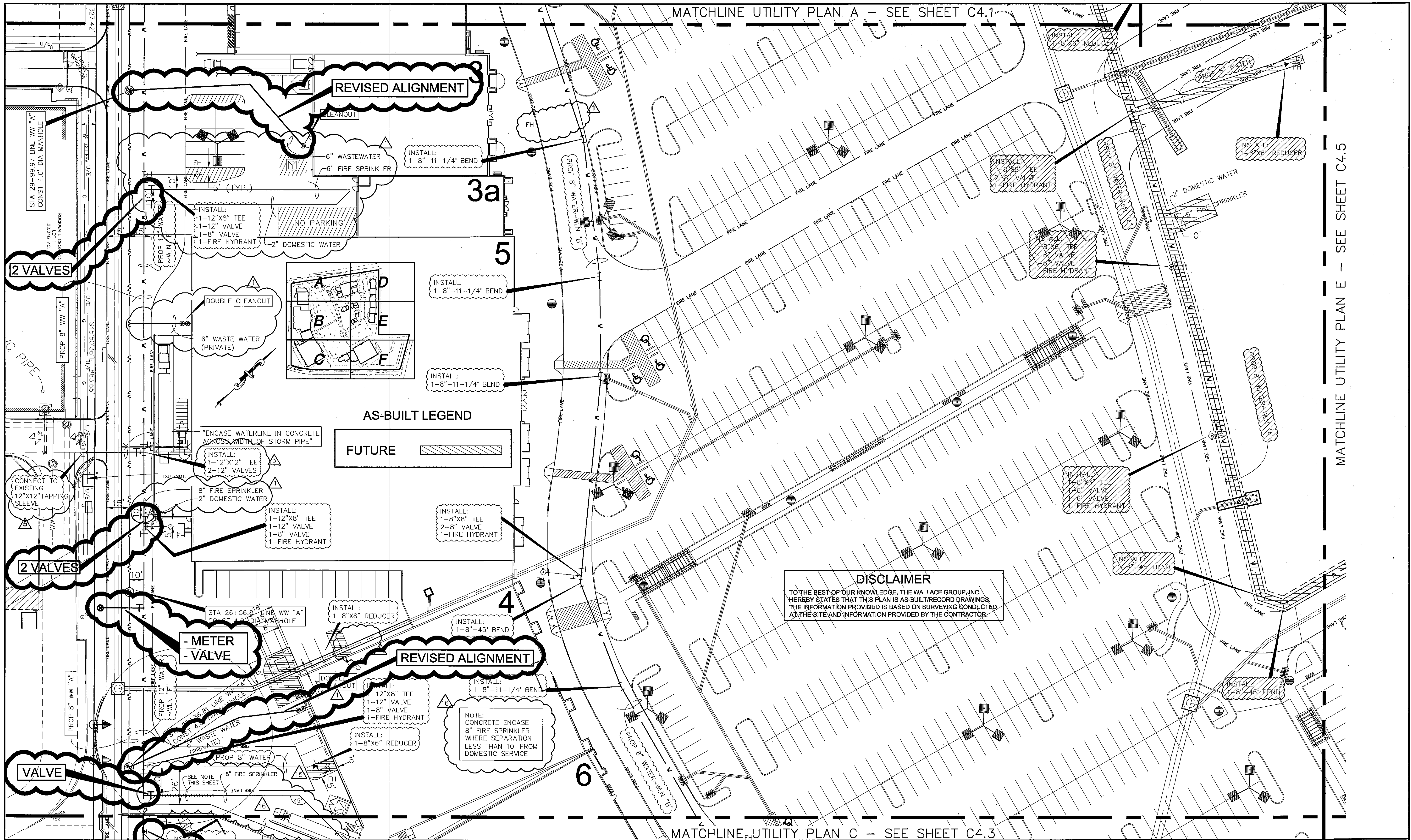
THE WOODMONT COMPANY
PLAZA AT ROCKWALL
UTILITY PLAN A

SHEET 22
C4.1
OF 56 SHEETS

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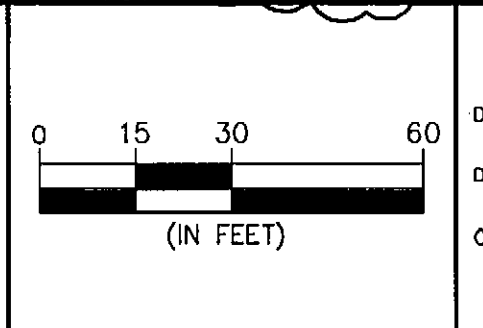
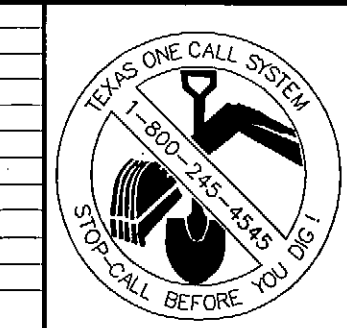
MATCHLINE UTILITY PLAN A - SEE SHEET C4.1

MATCHLINE UTILITY PLAN E - SEE SHEET C4.5



DISCLAIMER
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| REV | DATE | BY | DESCRIPTION |
|---------|------|----|---|
| 0-8-07 | MM | | Revised 8\" Fire line and 2\" Domestic Service to Staples |
| 2-25-07 | RS3 | | Revised 8\" Fire line and 2\" Domestic Service to Staples |
| 3-26-07 | RS3 | | Revised 12\" water connection on west side |
| 3-19-07 | RS3 | | Revised utility service connections & removed fire hydrants |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96829 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
 DATE NAME

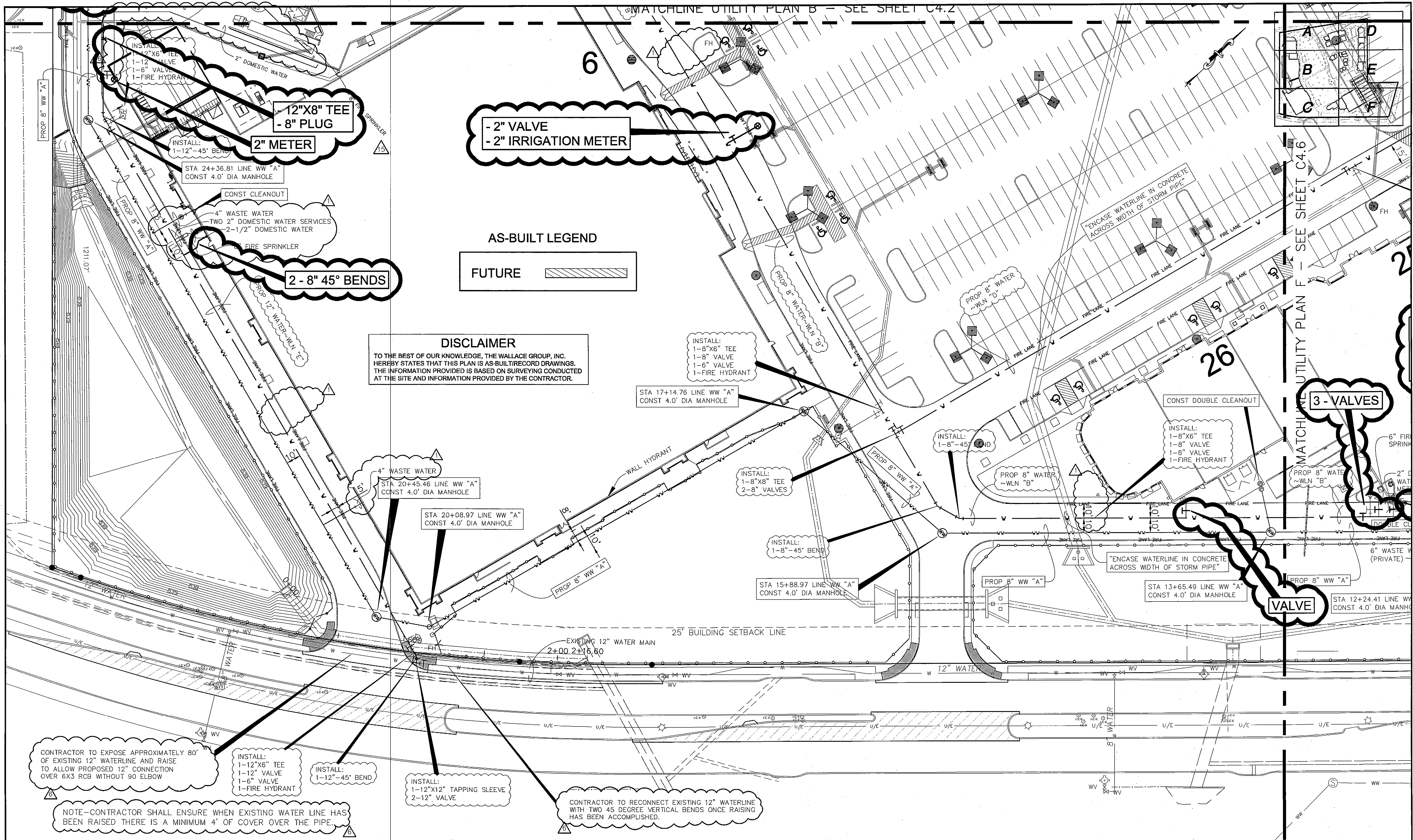
ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
 UTILITY PLAN B

SHEET 23
C4.2
 OF 56 SHEETS



- 2" VALVE
- 2" IRRIGATION METER

2" METER

2 - 8" 45° BENDS

AS-BUILT LEGEND
FUTURE

DISCLAIMER
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

INSTALL:
1-8"X6" TEE
1-8" VALVE
1-6" VALVE
1-FIRE HYDRANT

INSTALL:
1-8"X6" TEE
1-8" VALVE
1-6" VALVE
1-FIRE HYDRANT

3 - VALVES

VALVE

CONTRACTOR TO EXPOSE APPROXIMATELY 80' OF EXISTING 12" WATERLINE AND RAISE TO ALLOW PROPOSED 12" CONNECTION OVER 6X3 RCB WITHOUT 90 ELBOW

INSTALL:
1-12"X6" TEE
1-12" VALVE
1-6" VALVE
1-FIRE HYDRANT

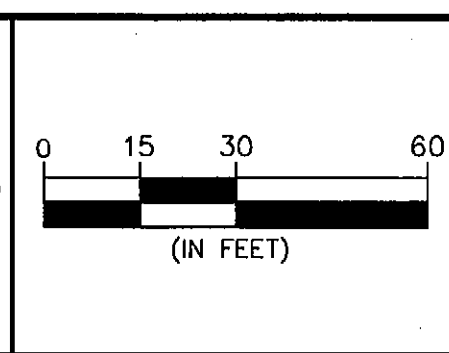
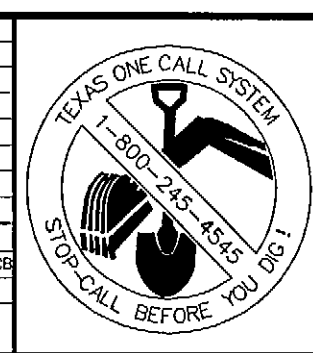
INSTALL:
1-12" 45° BEND

INSTALL:
1-12"X12" TAPPING SLEEVE
2-12" VALVE

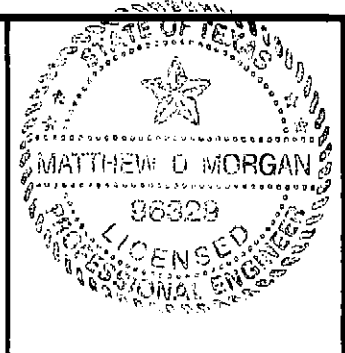
CONTRACTOR TO RECONNECT EXISTING 12" WATERLINE WITH TWO 45 DEGREE VERTICAL BENDS ONCE RAISING HAS BEEN ACCOMPLISHED.

NOTE-CONTRACTOR SHALL ENSURE WHEN EXISTING WATER LINE HAS BEEN RAISED THERE IS A MINIMUM 4' OF COVER OVER THE PIPE.

| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|---|
| 6-08-07 | | MM | Revised 8" Fire line and 2" Domestic Service to Staples |
| 5-25-07 | | RS3 | Revised 8" Fire line and 2" Domestic Service to Staples |
| 3-20-07 | | MM | Revised existing address on front wall to get over proposed 9'x3' RCB |
| 2-19-07 | | RS3 | Revised utility service connections & removed Fire hydrants |



DESIGNED:
DRAWN:
CHECKED:



"THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 98829 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER INDICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT"

3/25/08 *Matthew D. Morgan*
DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

PLAZA AT ROCKWALL

UTILITY PLAN C

SHEET 24

C4.3

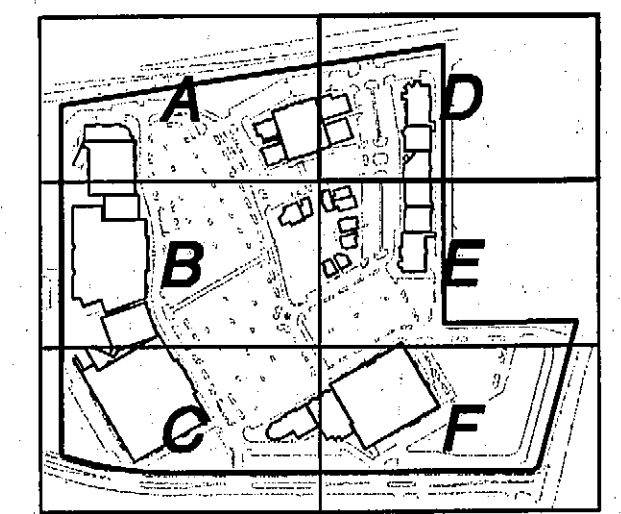
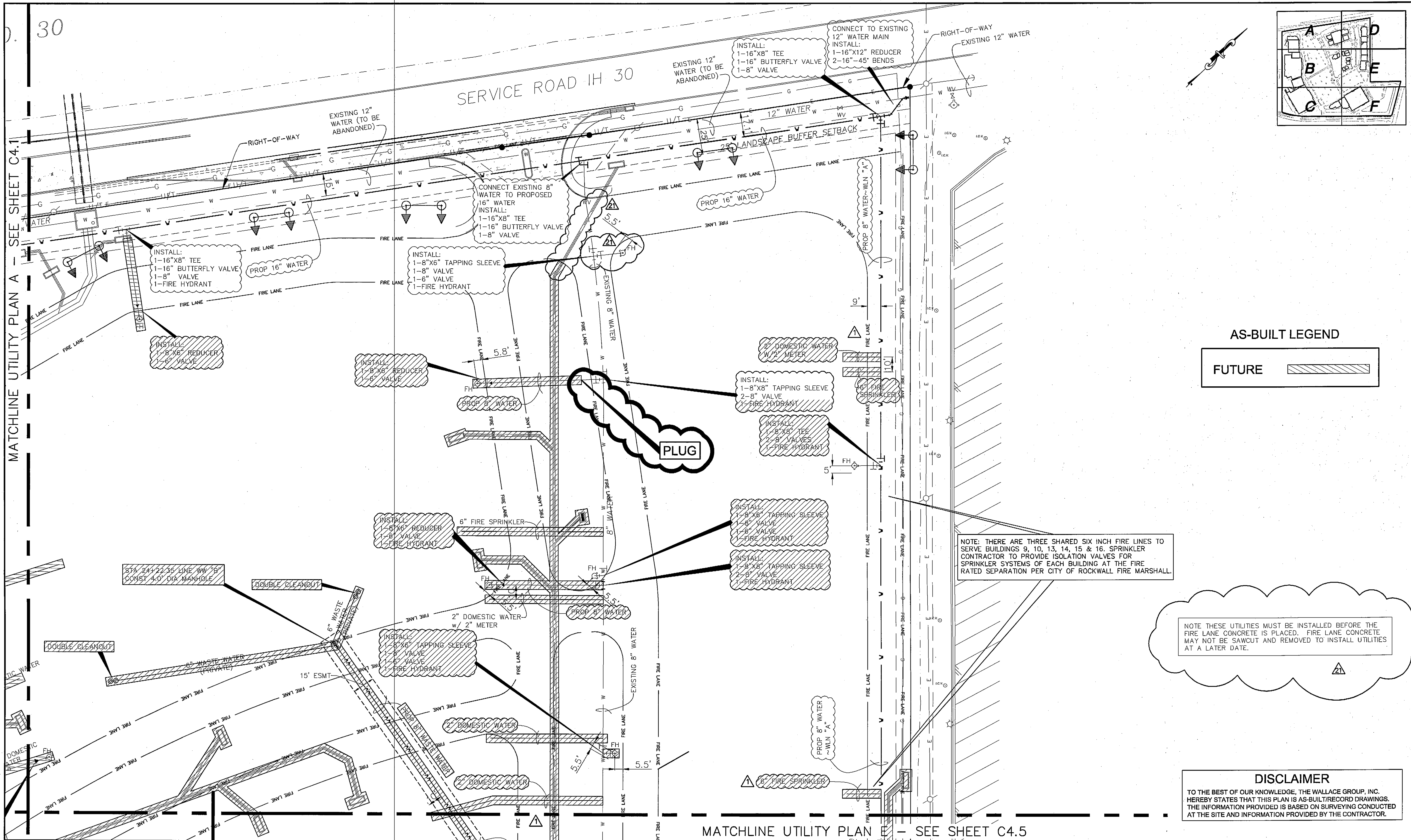
OF 56 SHEETS

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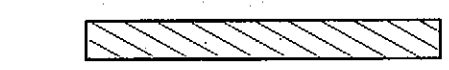
MATCHLINE UTILITY PLAN A - SEE SHEET C4.1

SERVICE ROAD IH 30



AS-BUILT LEGEND

FUTURE



NOTE: THERE ARE THREE SHARED SIX INCH FIRE LINES TO SERVE BUILDINGS 9, 10, 13, 14, 15 & 16. SPRINKLER CONTRACTOR TO PROVIDE ISOLATION VALVES FOR SPRINKLER SYSTEMS OF EACH BUILDING AT THE FIRE RATED SEPARATION PER CITY OF ROCKWALL FIRE MARSHALL.

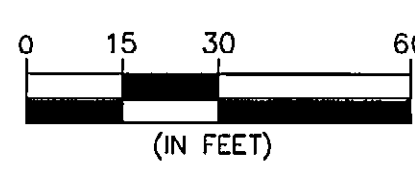
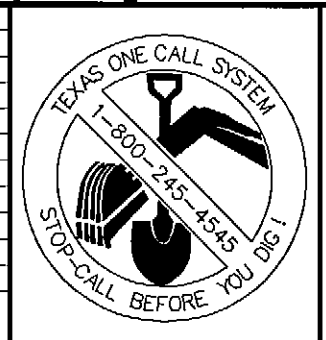
NOTE THESE UTILITIES MUST BE INSTALLED BEFORE THE FIRE LANE CONCRETE IS PLACED. FIRE LANE CONCRETE MAY NOT BE SAWCUT AND REMOVED TO INSTALL UTILITIES AT A LATER DATE.

DISCLAIMER

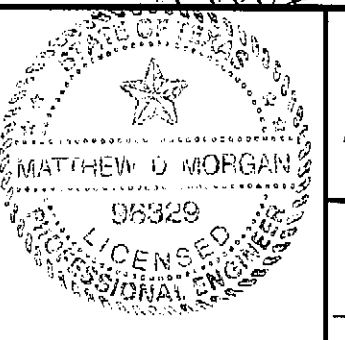
TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.

MATCHLINE UTILITY PLAN E - SEE SHEET C4.5

| REV | DATE | BY | DESCRIPTION |
|-----|---------|-----|---|
| 1 | 9-10-07 | MM | REVISED GRADES ON FIRE LANE DRIVE, UTILITY INSTALLATION NOTES |
| 2 | 2-19-07 | RS3 | REVISED UTILITY SERVICE CONNECTIONS & REMOVED FIRE HYDRANTS |



DESIGNED: _____
 DRAWN: _____
 CHECKED: _____



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3/26/08 DATE
 M.D. Morgan NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY

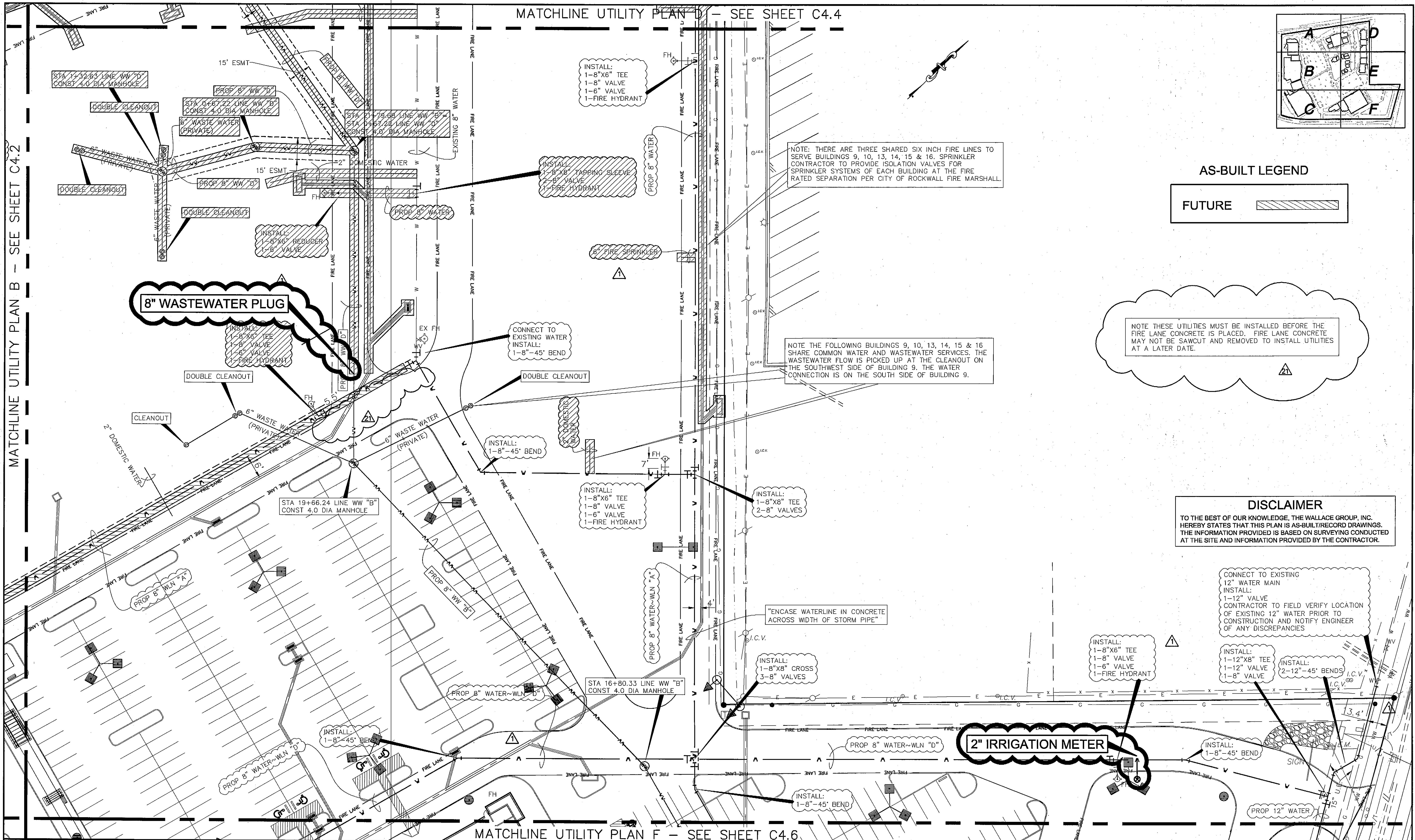
PLAZA AT ROCKWALL

UTILITY PLAN D

SHEET 25

C4.4

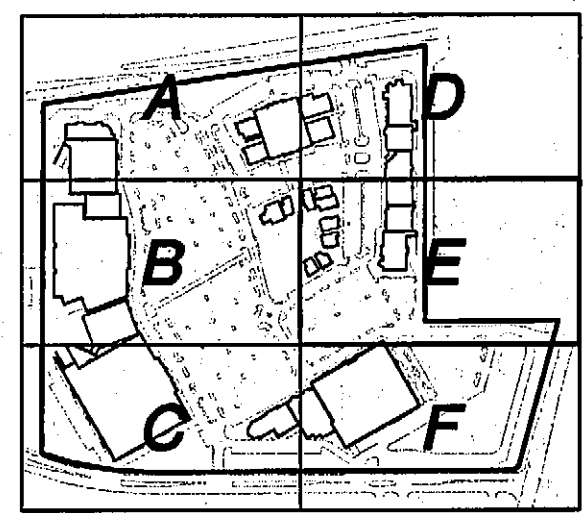
OF 56 SHEETS



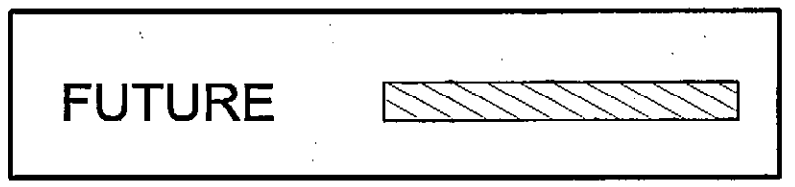
MATCHLINE UTILITY PLAN D - SEE SHEET C4.4

MATCHLINE UTILITY PLAN B - SEE SHEET C4.2

MATCHLINE UTILITY PLAN F - SEE SHEET C4.6



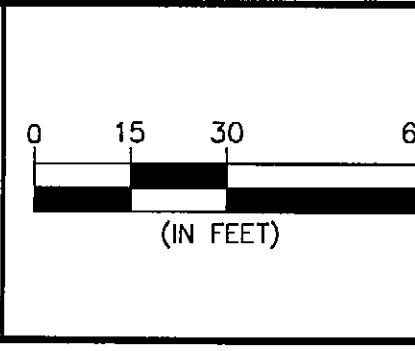
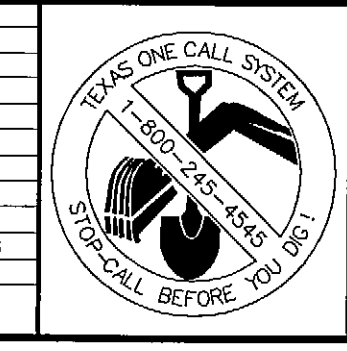
AS-BUILT LEGEND



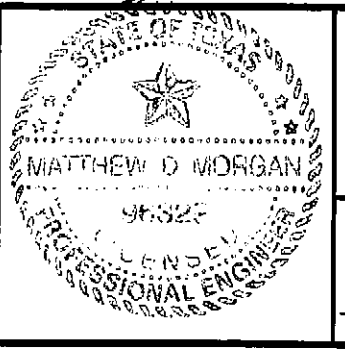
NOTE THESE UTILITIES MUST BE INSTALLED BEFORE THE FIRE LANE CONCRETE IS PLACED. FIRE LANE CONCRETE MAY NOT BE SAWCUT AND REMOVED TO INSTALL UTILITIES AT A LATER DATE.

DISCLAIMER
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| REV | DATE | BY | DESCRIPTION |
|-----|---------|-----|---|
| 1 | 8-10-07 | MM | REVISED GRADES ON FIRE LANE DRIVE, UTILITY INSTALLATION NOTES |
| 2 | 2-19-07 | R23 | Revised utility service connections & removed Fire Hydrants |



DESIGNED:
 DRAWN:
 CHECKED:



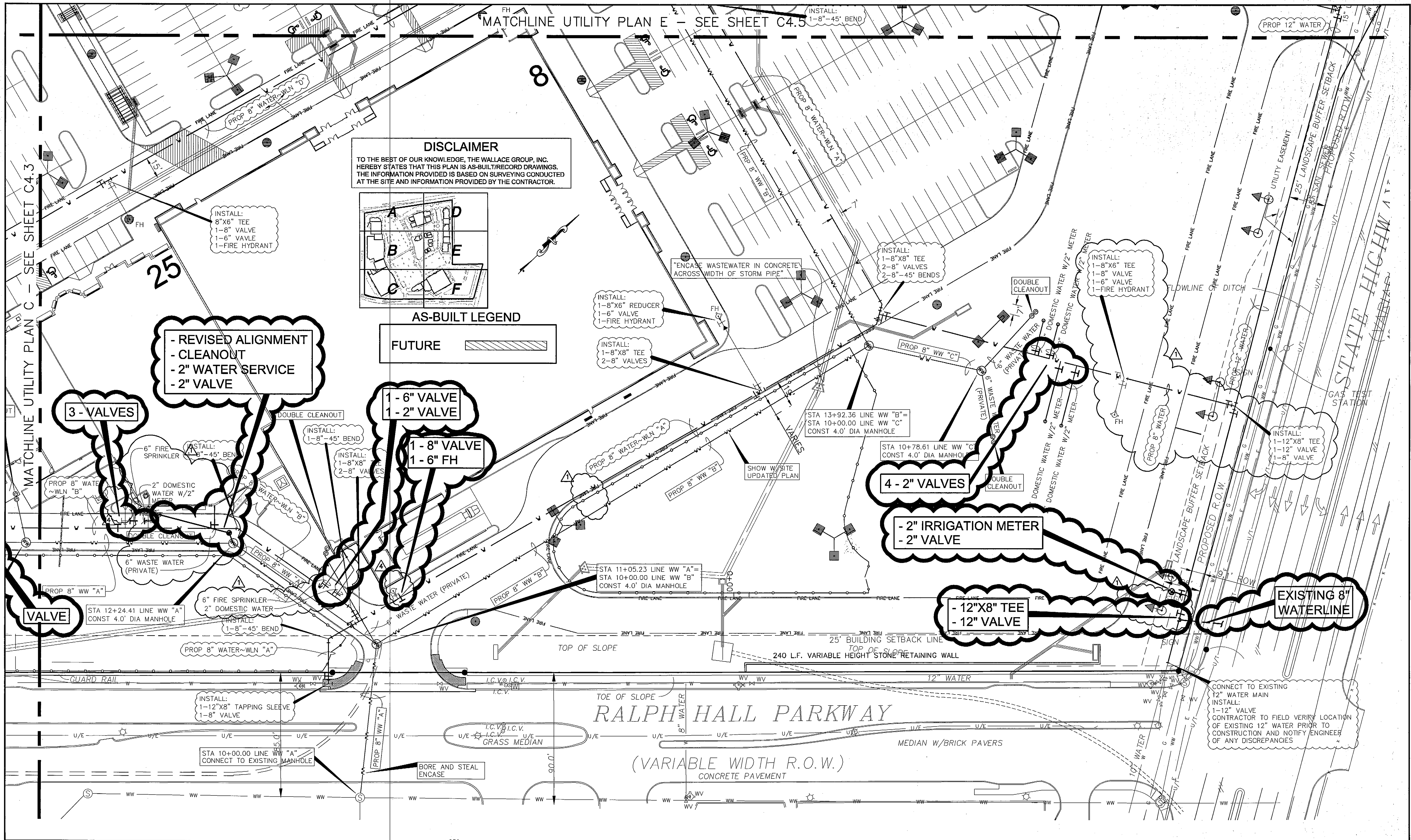
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3/25/08
 DATE NAME

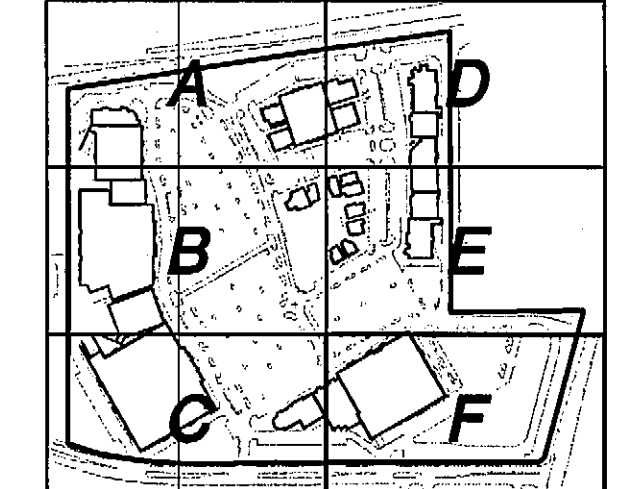
ENGINEERS ARCHITECTS
THE WALLACE GROUP INC.
 SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
UTILITY PLAN E

SHEET 26
C4.5
 OF 56 SHEETS



DISCLAIMER
 TO THE BEST OF OUR KNOWLEDGE, THE WALLACE GROUP, INC. HEREBY STATES THAT THIS PLAN IS AS-BUILT/RECORD DRAWINGS. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.



AS-BUILT LEGEND
 FUTURE [Hatched Box]

3 - VALVES
 - REVISED ALIGNMENT
 - CLEANOUT
 - 2" WATER SERVICE
 - 2" VALVE

1 - 6" VALVE
1 - 2" VALVE

1 - 8" VALVE
1 - 6" FH

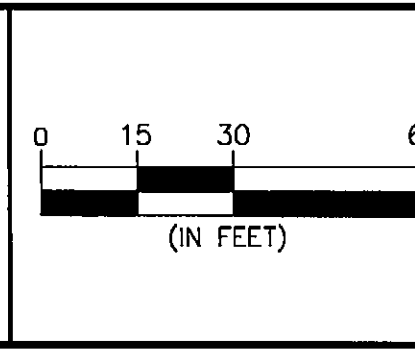
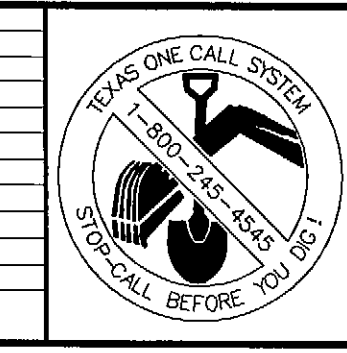
4 - 2" VALVES

- 2" IRRIGATION METER
- 2" VALVE

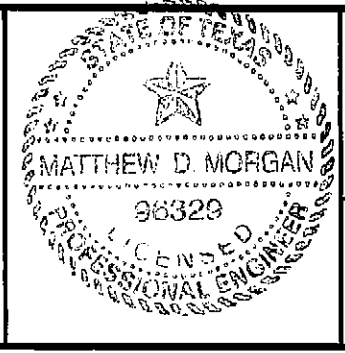
- 12"X8" TEE
- 12" VALVE

EXISTING 8" WATERLINE

| REV | DATE | BY | DESCRIPTION |
|---------|------|-----|---|
| 3-19-07 | | MM | Removed and revised fire hydrant locations |
| 2-19-07 | | R33 | Revised utility service connections & removed Fire Hydrants |



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 DRAWN:
 CHECKED:



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3/25/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

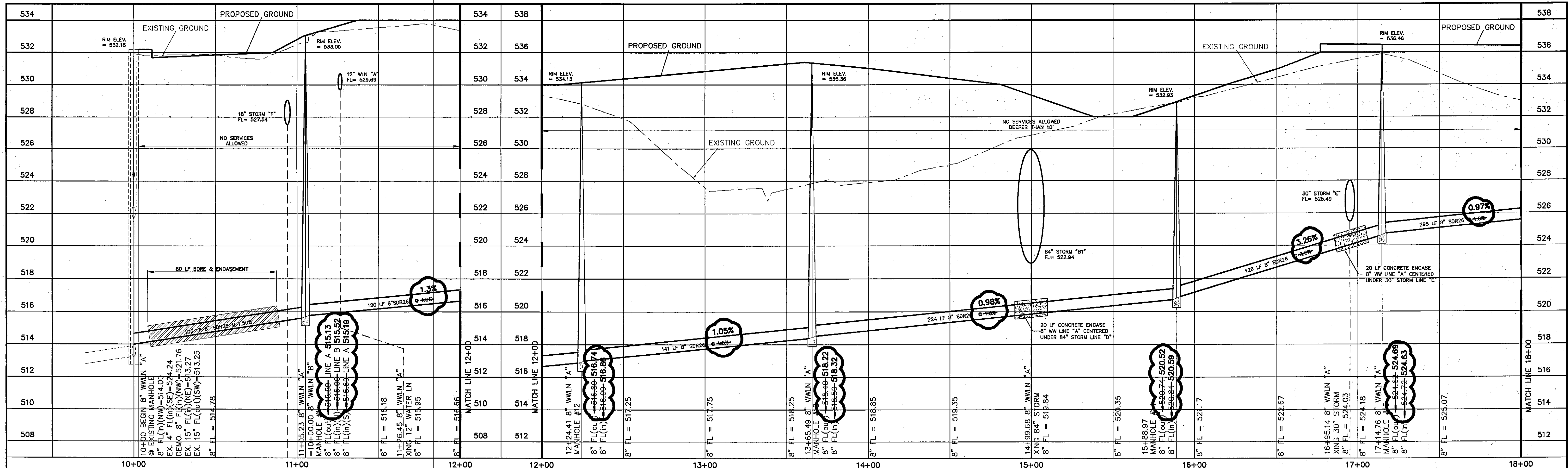
THE WALLACE GROUP INC.

SURVEYORS PLANNERS

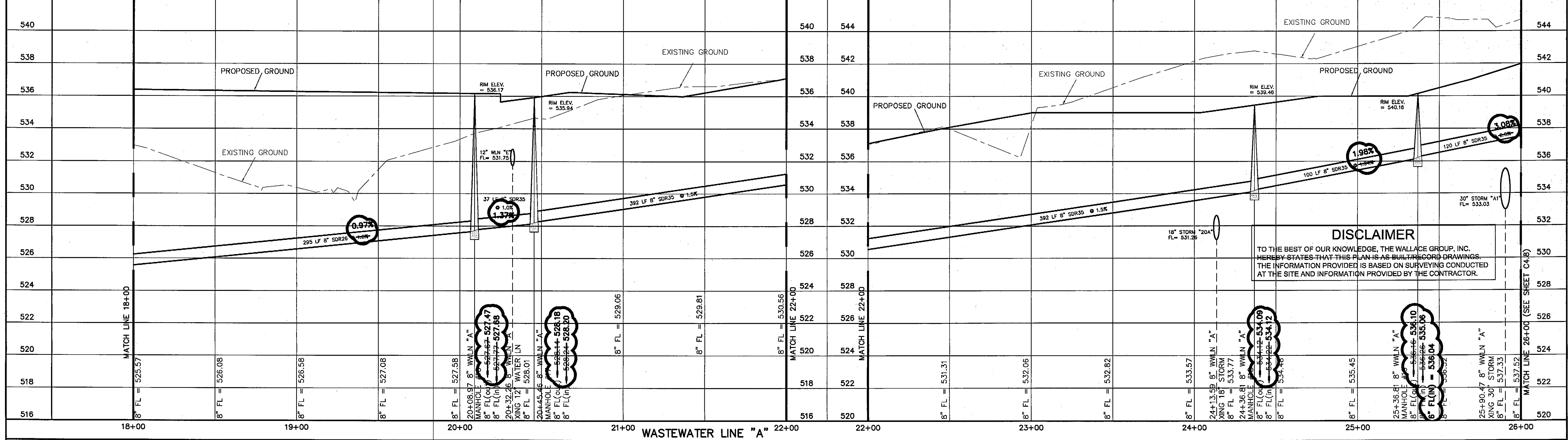
THE WOODMONT COMPANY

PLAZA AT ROCKWALL

UTILITY PLAN F



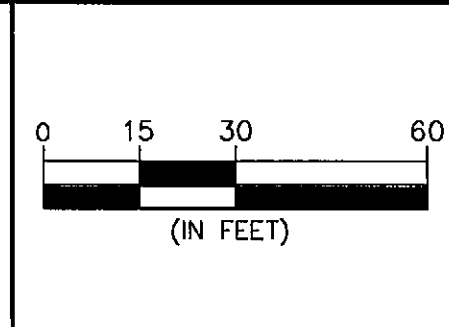
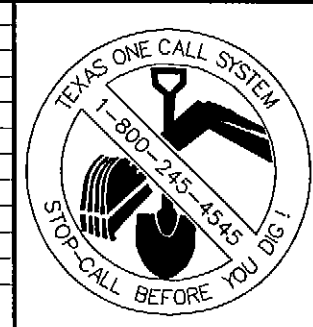
WASTEWATER LINE "A"



WASTEWATER LINE "A"

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| REV | DATE | BY | DESCRIPTION |
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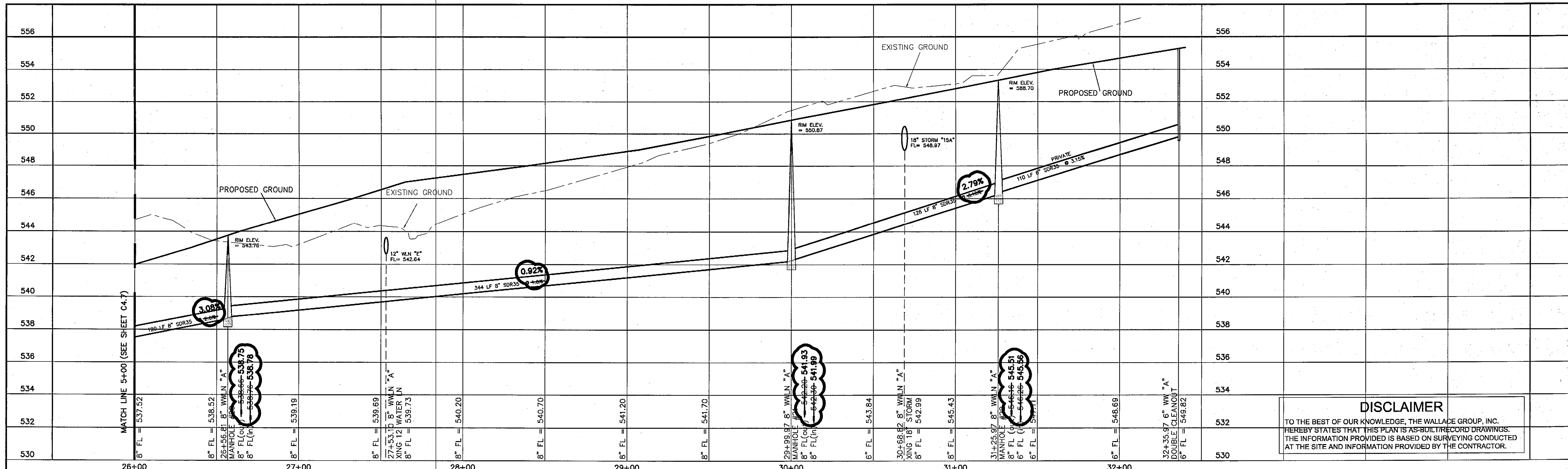
3/25/08 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

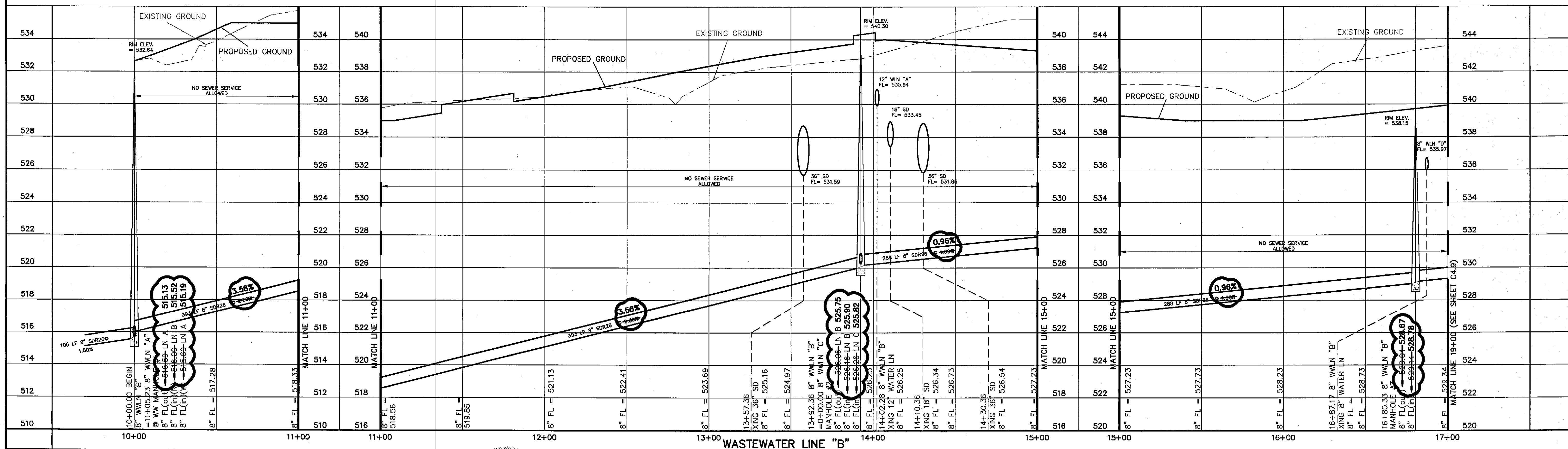
THE WALLACE GROUP INC.

SURVEYORS PLANNERS

THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
 WASTEWATER PROFILE
 LINE "A"



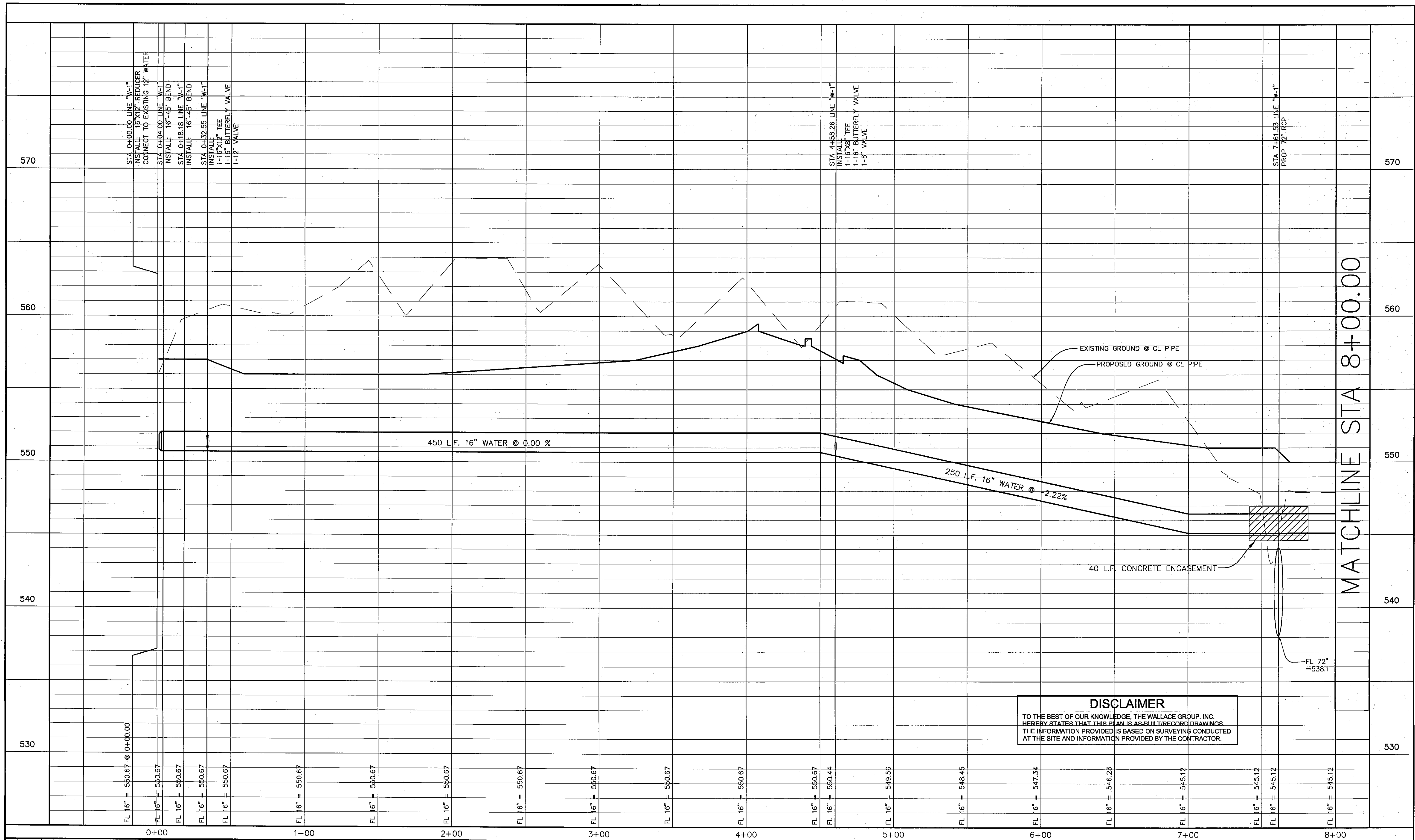
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|--|--|--|--|---|--|----------------------------------|
| | | DESIGNED: RDC DRAWN: FM CHECKED: RS | | THE WALLACE GROUP INC. ENGINEERS ARCHITECTS SURVEYORS PLANNERS | THE WOODMONT COMPANY PLAZA AT ROCKWALL WASTEWATER PROFILE LINE "A & B" | SHEET 29 C4.8 OF 56 SHEETS |
| | | "THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 90326 ON THE DATE SHOWN ON THE GASTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT" | | | DATE: 3/25/08 NAME: Matthew D. Morgan | |

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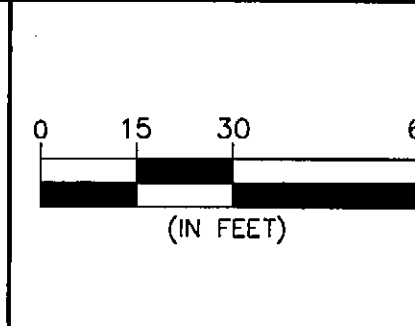
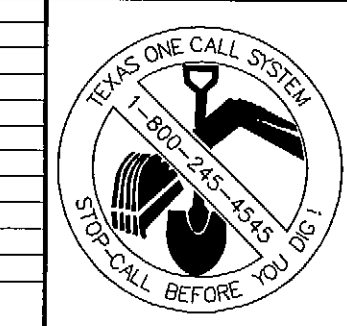
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MATCHLINE STA 8+00.00

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3/25/18 *Matthew D. Morgan*
 DATE NAME

ENGINEERS ARCHITECTS

THE WALLACE GROUP INC.

SURVEYORS PLANNERS

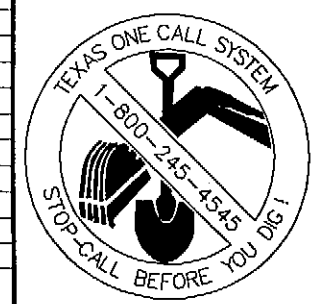
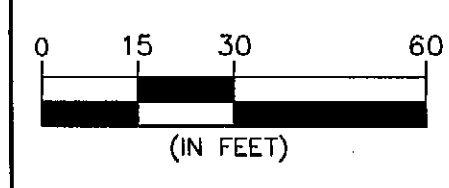
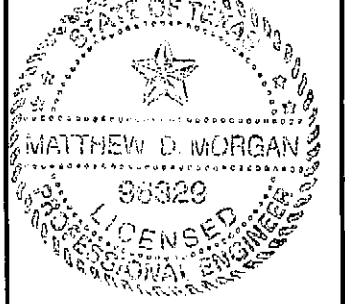
THE WOODMONT COMPANY
 PLAZA AT ROCKWALL
WATER PROFILE LINE "W-1"

SHEET 44
C4.61
 OF 56 SHEETS



MATCHLINE STA 8+00.00

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| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> | REV | DATE | BY | DESCRIPTION | | | | | | | | | | | | | | | | |  TEXAS ONE CALL SYSTEM 800-345-4545 STAYCALL BEFORE YOU DIG |  0 15 30 60 (IN FEET) | DESIGNED: _____ DRAWN: _____ CHECKED: _____ |  MATTHEW D. MORGAN 89320 LICENSED PROFESSIONAL ENGINEER | *THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MATTHEW D. MORGAN, P.E. # 96339 ON THE DATE SHOWN ON THE DAYSTAMP. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT* 3/25/03 <i>Matthew D. Morgan</i> DATE NAME | THE WALLACE GROUP INC. ENGINEERS ARCHITECTS SURVEYORS PLANNERS | THE WOODMONT COMPANY PLAZA AT ROCKWALL WATER PROFILE LINE "W-1" | SHEET 44 C4.62 OF 56 SHEETS |
|--|------|------|-------------|-------------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|--|---|--|--|--|---|--|
| REV | DATE | BY | DESCRIPTION | | | | | | | | | | | | | | | | | | | | | | | | | |
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