**ADDENDUM NO.** _4_

Date _October 16_ , _2019_

City of Austin

Project Name _Rutherford Lane Campus Parking Lot Improvements_

C.I.P. No. _11720.004_ IFB No.: _CLMC 755_

This Addendum forms a part of the Contract and corrects or modifies original Bid Documents, dated _September 23_ , _2019_ (*first advertisement date)*. **Acknowledge receipt of this addendum in space provided on bid form.** Failure to do so may subject bidder to disqualification.

A. Project Manual Revisions:

**None**

B. Drawing Revisions:

**Delete sheet C302 and replace with attached sheet C302 – Clarifying rain garden section detail reference.**

**Delete sheet C303 and replace with attached sheet C303 – Clarifying biofiltration section detail reference.**

**Delete sheet C304 and replace with attached sheet C304 – Clarifying biofiltration section detail reference.**

**Delete sheet C405 and replace with attached sheet C405 – Clarifying biofiltration section in detail 2 and remove profile section of 661-3 requiring liner.**

**Delete sheet C410 and replace with attached sheet C410 – Clarifying biofiltration section detail reference.**

**Delete sheet C411 and replace with attached sheet C411 – Clarifying biofiltration section in details 2 and 3.**

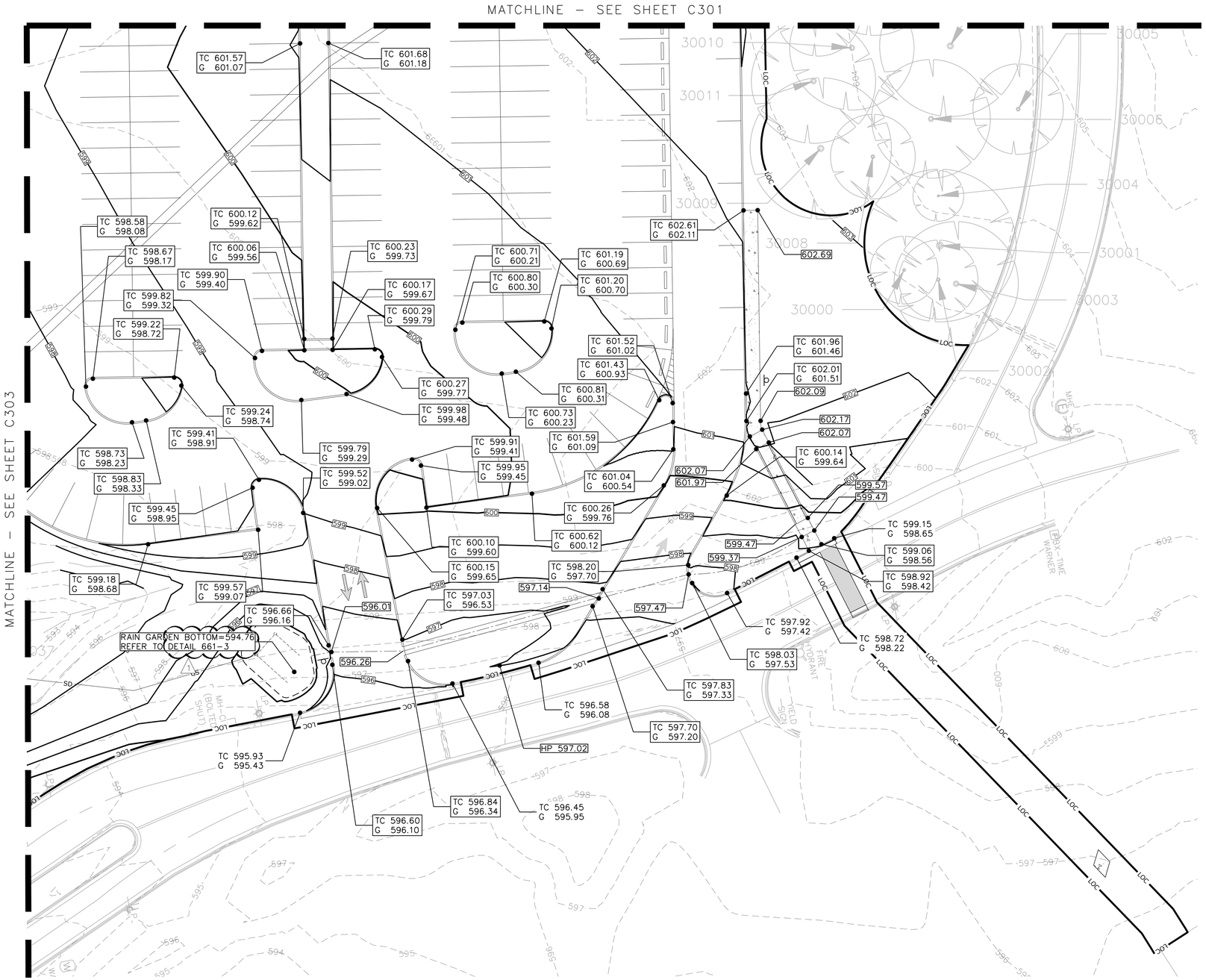
This addendum consists of _7_ page(s)/sheet(s).

Steve Cocke
Approved by OWNER

STATE OF TEXAS
JASON A. BASS
109708
LICENSED
PROFESSIONAL ENGINEER

Approved by ENGINEER/ARCHITECT (as applicable per license requirements)

**END**

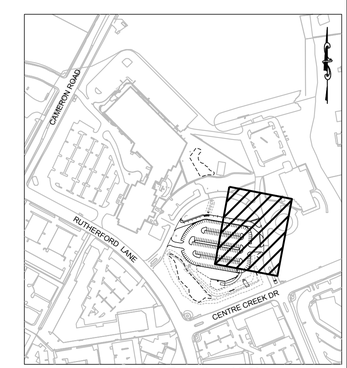



0 10' 20' 40'
Scale: 1" = 20'

GRADING LEGEND

| | |
|---|---|
| 000 | PROP. CONTOUR |
| 000.00 | PROP. SPOT ELEVATION |
| 000.00 | EXIST. SPOT ELEVATION |
| TC 000.00 G 000.00 | PROP. TOP OF CURB AND GUTTER ELEVATIONS |
| TC 000.00 G 000.00 | EXIST. TOP OF CURB AND GUTTER ELEVATIONS |
| TW 000.00 | PROP. TOP OF WALL ELEVATION |
| TG 000.00 | PROP. TOP OF GRATE ELEVATION |
| FL 000.00 | PROP. FLOWLINE ELEVATION |
| HP 000.00 | PROP. HIGH POINT |

REFERENCE SHEET C300 FOR GRADING NOTES.




KEYMAP - 1" = 400'

STATE OF TEXAS
JASON A. BASS
109708
LICENSED
PROFESSIONAL ENGINEER
10/16/2019

mwm Design Group
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734
TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 10/16/2019 | ADDENDUM 4 | JB |

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

# GRADING PLAN - EAST VIEW

Rutherford Lane Campus Parking Lot Improvements
1520 Rutherford Lane
Austin, Texas 78754

PLOTTED: 10/09/2019
JOB NO: 023-85C

C302

20 OF 44

File: Y:\023-85C_Ruther_Park_Lot\CAD\Sheets\02385C-P-GRADE_302.dwg 22x34

85-04-1926

MATCHLINE – SEE SHEET C301

MATCHLINE – SEE SHEET C302

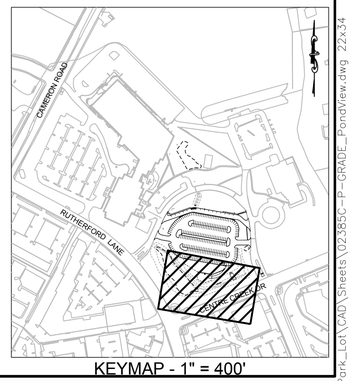
597.24
TC 597.79
G 597.29
TC 598.81
G 598.31
597.66
597.48
TC 597.83
G 597.33
597.14
TC 597.92
G 597.42
TC 597.93
G 597.43
597.37
TC 598.55
G 598.05
TOP OF WEIR 596.71
FL 595.33
596.62
590.27
589.13
589.74
TW 597.24
593.92
596.49
596.29
596.21
596.16
596.48
TW 597.24
596.96
596.27
SEDIMENTATION BASIN SURFACE = 593.75
REFER TO DETAIL 661-3
2.5' WIDE TOP OF BERM AT 597.24
NOTE: DO NOT USE HEAVY MACHINERY WITHIN TREE DRIP LINES WHILE GRADING POND BERM.
HAND DIG ONLY.
NOTE: DO NOT USE HEAVY MACHINERY WITHIN TREE DRIP LINES WHILE GRADING POND BERM
EXISTING TREES TO REMAIN, REF: LANDSCAPE PLAN
CENTRE CREEK DRIVE
BENCHMARK– ELEV=595.66'

0 10' 20' 40'
Scale: 1" = 20'

GRADING LEGEND

| | |
|---|---|
| 000 | PROP. CONTOUR |
| 000.00 | PROP. SPOT ELEVATION |
| 000.00 | EXIST. SPOT ELEVATION |
| TC 000.00 G 000.00 | PROP. TOP OF CURB AND GUTTER ELEVATIONS |
| TC 000.00 G 000.00 | EXIST. TOP OF CURB AND GUTTER ELEVATIONS |
| TW 000.00 | PROP. TOP OF WALL ELEVATION |
| TG 000.00 | PROP. TOP OF GRATE ELEVATION |
| FL 000.00 | PROP. FLOWLINE ELEVATION |
| HP 000.00 | PROP. HIGH POINT |

REFERENCE SHEET C300 FOR GRADING NOTES.




KEYMAP - 1" = 400'

STATE OF TEXAS
L. S. STECHER
55645
REGISTERED
PROFESSIONAL ENGINEER
6/13/19

Crespo Consulting Services, Inc.
Civil & Environmental Engineering

STATE OF TEXAS
JASON A. BASS
109708
LICENSED
PROFESSIONAL ENGINEER
10/16/2019

mwm Design Group

305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 10/9/2019 | ADDENDUM 2 | JB |
| 2 | 10/16/2019 | ADDENDUM 4 | JB |

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

# GRADING PLAN - POND VIEW

Rutherford Lane Campus Parking Lot Improvements
1520 Rutherford Lane
Austin, Texas 78754

PLOTTED: 10/09/2019
JOB NO: 023-85C

C303

21 OF 44

85-04-1926

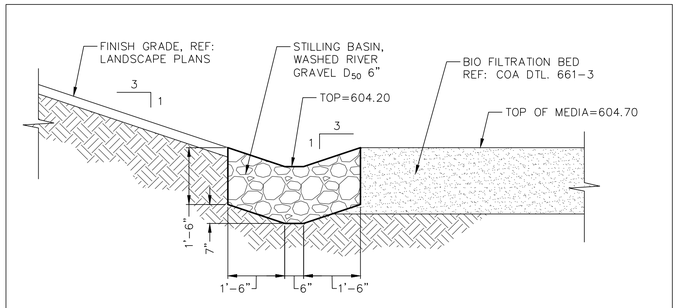
File: Y:\023-85C_Ruther_Park_Lot\CAD\Sheets\023850-P-GRADE_PondView.dwg 22x34

0 10' 20' 40'
Scale: 1" = 20'

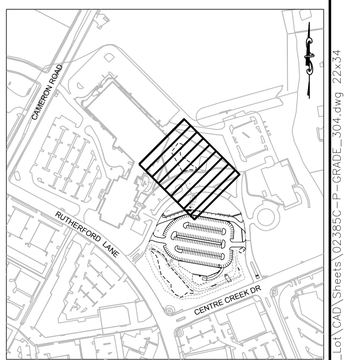
GRADING LEGEND

| | |
|---|---|
| 000 | PROP. CONTOUR |
| 000.00 | PROP. SPOT ELEVATION |
| 000.00 | EXIST. SPOT ELEVATION |
| TC 000.00 G 000.00 | PROP. TOP OF CURB AND GUTTER ELEVATIONS |
| TC 000.00 G 000.00 | EXIST. TOP OF CURB AND GUTTER ELEVATIONS |
| TW 000.00 | PROP. TOP OF WALL ELEVATION |
| TG 000.00 | PROP. TOP OF GRATE ELEVATION |
| FL 000.00 | PROP. FLOWLINE ELEVATION |
| HP 000.00 | PROP. HIGH POINT |

REFERENCE SHEET C300 FOR GRADING NOTES.




| | |
|---|---|
| 1 | 6" STILLING BASIN SECTION |
| C304 | SCALE: NTS |




KEYMAP - 1" = 400'

STATE OF TEXAS
JASON A. BASS
109708
LICENSED
PROFESSIONAL ENGINEER
10/16/2019

mwm Design Group
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 10/16/2019 | ADDENDUM 4 | JB |

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

# GRADING PLAN - RAIN GARDEN

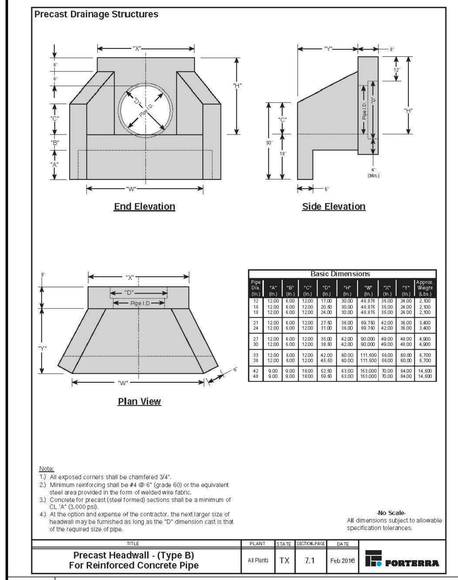
Rutherford Lane Campus Parking Lot Improvements
1520 Rutherford Lane
Austin, Texas 78754

PLOTTED: 10/09/2019
JOB NO: 023-85C

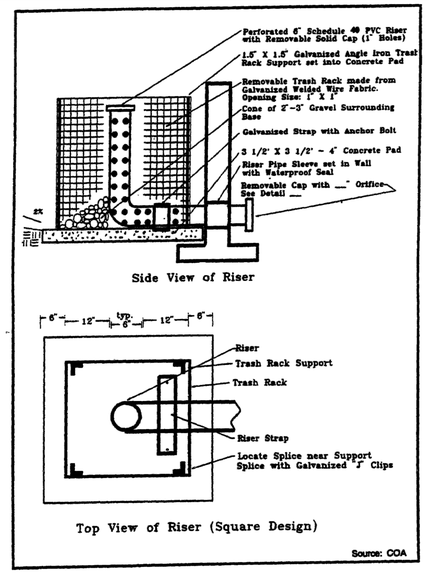
C304
22 OF 44

File: Y:\023-85C_Rutherford_Park_Lot\CAD\Sheets\023850-P-GRADE_304.dwg 22x34

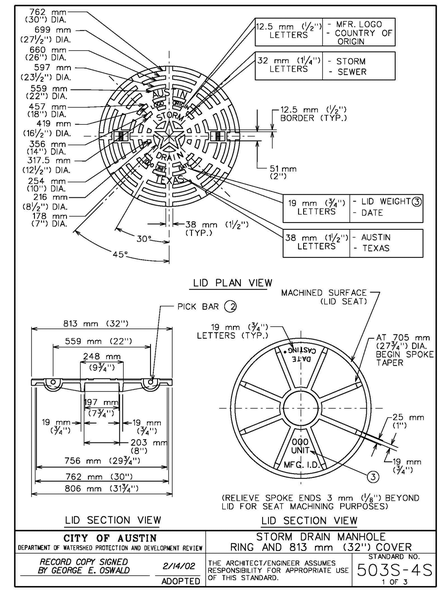
85-04-1926

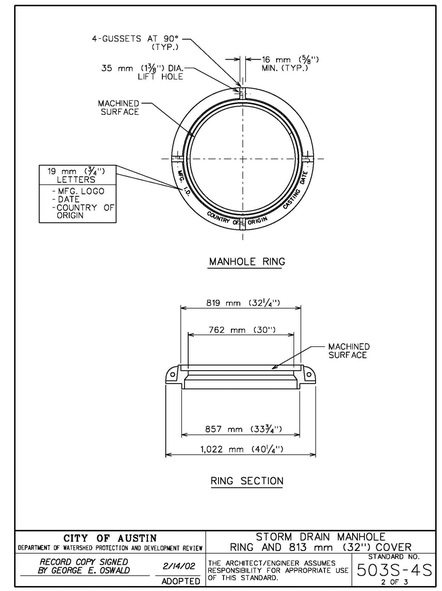


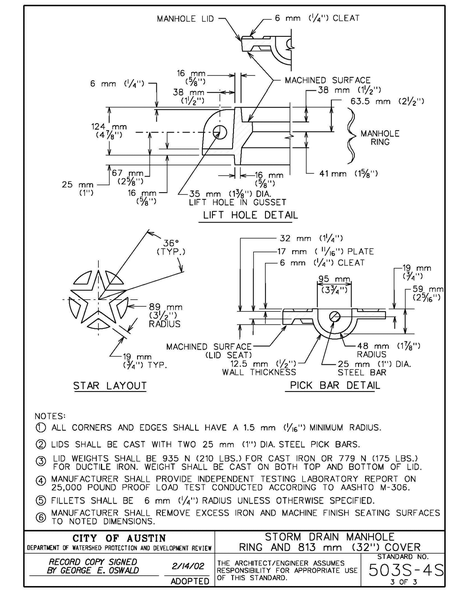

1 PRECAST HEADWALL (TYPE B)
C405 SCALE: NTS

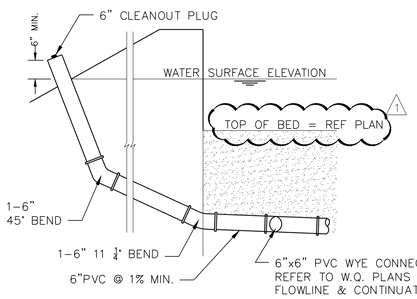



3 RISER PIPE DETAIL W/ TRASH RACK
C405 SCALE: NTS

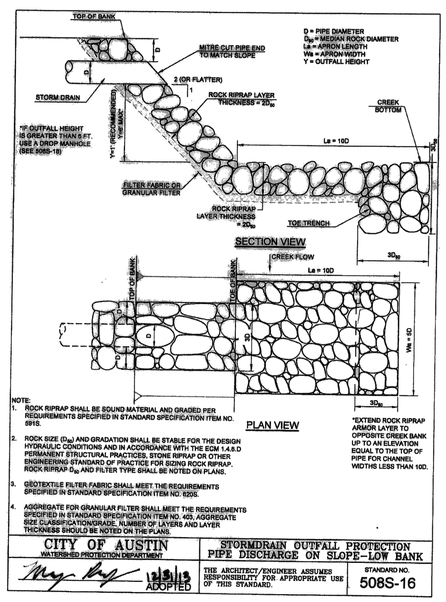


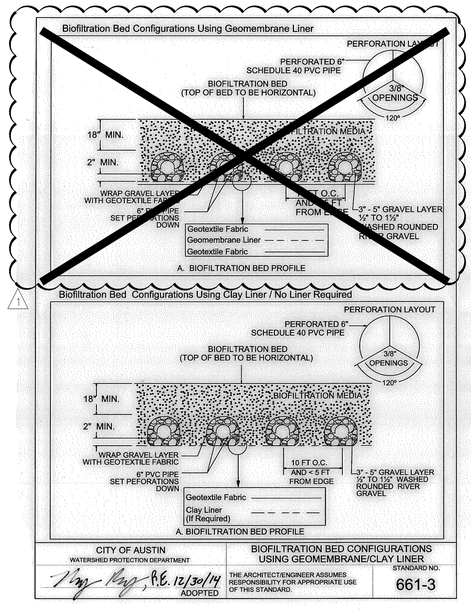



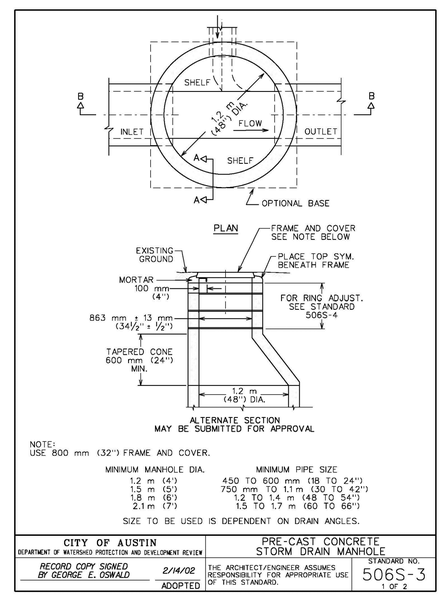



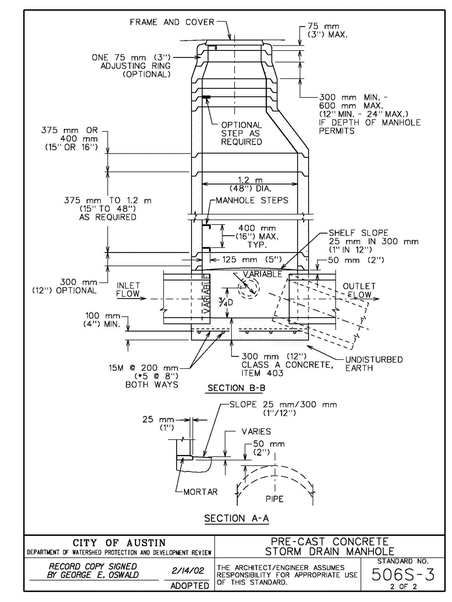




2 FILTRATION PIPE CLEANOUT
C405 SCALE: NTS

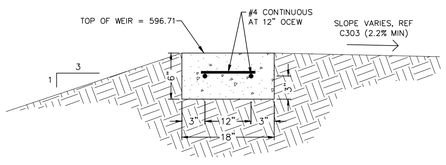



5 RECHARGE TRENCH DETAIL
C405 SCALE: NTS




6 CONCRETE WEIR
C405 SCALE: NTS

STATE OF TEXAS — L.S. STECHER — 56645 — REGISTERED PROFESSIONAL ENGINEER — 6/13/19

Crespo Consulting Services, Inc. — Civil & Environmental Engineering

STATE OF TEXAS — JASON A. BASS — 109708 — LICENSED PROFESSIONAL ENGINEER — 10/16/2019

mwm Design Group
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734
TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 10/16/2019 | ADDENDUM 4 | JB |

0 — 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

# STORM DETAILS

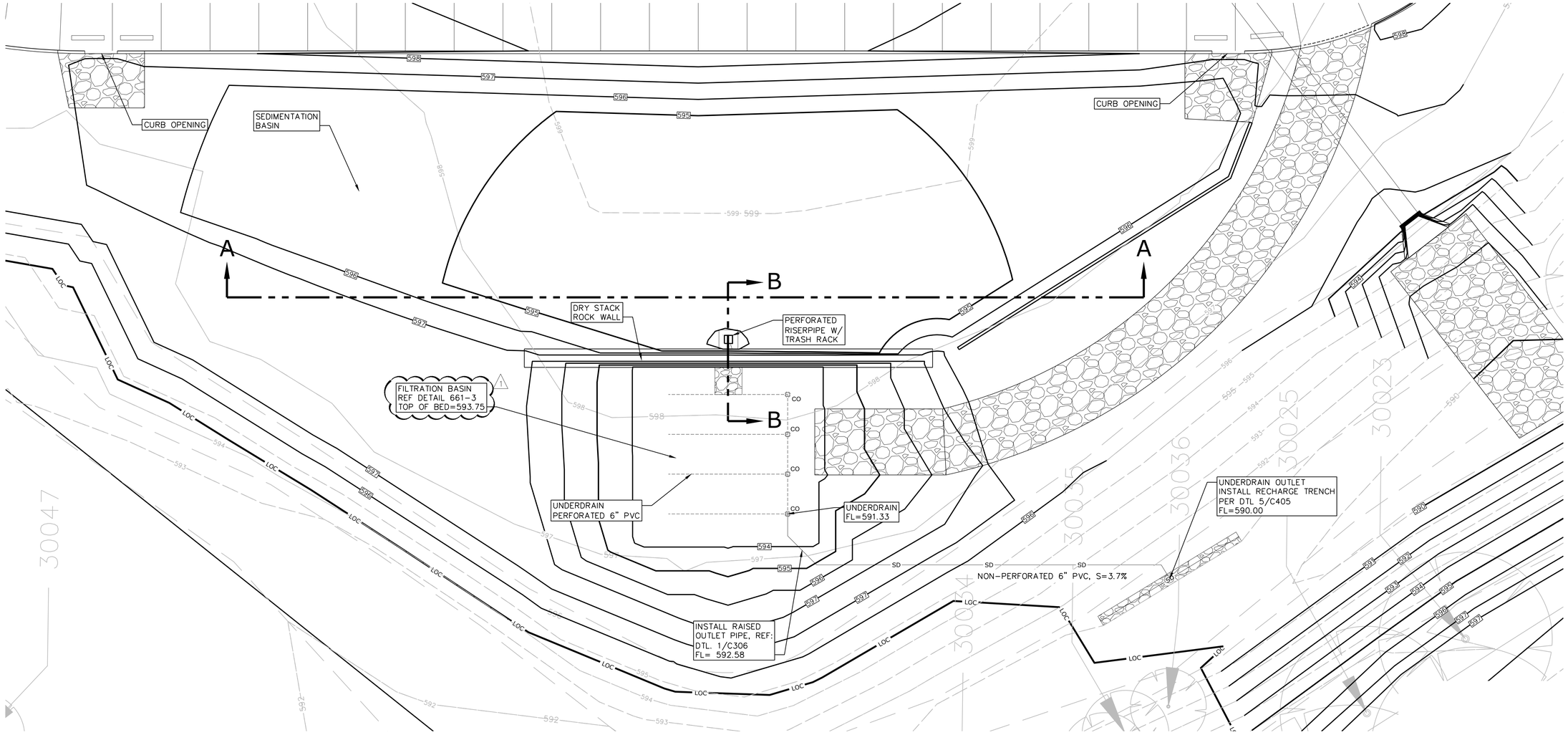
Rutherford Lane Campus Parking Lot Improvements
1520 Rutherford Lane
Austin, Texas 78754

PLOTTED: 10/09/2019
JOB NO: 023-85C

C405
28 OF 44

85-04-1926

File: Y:\023-85C_Rutherford_Park_Lot\CAD\Sheets\02385C-STRM_DTLS.dwg 22x34




## 1 FULL SEDIMENTATION WITH BIOFILTRATION WATER QUALITY POND

SCALE: 1" = 10'

NOTE:
ACCESS FOR CLEANING UNDERDRAIN PIPING SHOULD CONSIST OF CLEANOUTS WITH REMOVABLE PVC CAPS, LOCATED AT PIPE BENDS SHOWN ON THE PLANS. THE TOPS OF CLEANOUTS SHOULD BE SET FLUSH WITH TOP OF THE SAND BED. ONE CLEANOUT, TO SERVE AS ACCESSIBLE CLEANOUT WHEN THE POND IS FULL, SHOULD EXTEND ABOVE THE WATER QUALITY ELEVATION OF 596.71 SHOWN ON THE PLANS.

STATE OF TEXAS
L. S. STECHER
5646
REGISTERED PROFESSIONAL ENGINEER
6/13/19

Crespo Consulting Services, Inc.
Civil & Environmental Engineering

STATE OF TEXAS
JASON A. BASS
109708
LICENSED PROFESSIONAL ENGINEER
10/16/2019

mwm Design Group
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734
TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 10/16/2019 | ADDENDUM 4 | JB |

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

FULL SEDIMENTATION WITH BIOFILTRATION WATER QUALITY POND

Rutherford Lane Campus Parking Lot Improvements
1520 Rutherford Lane
Austin, Texas 78754

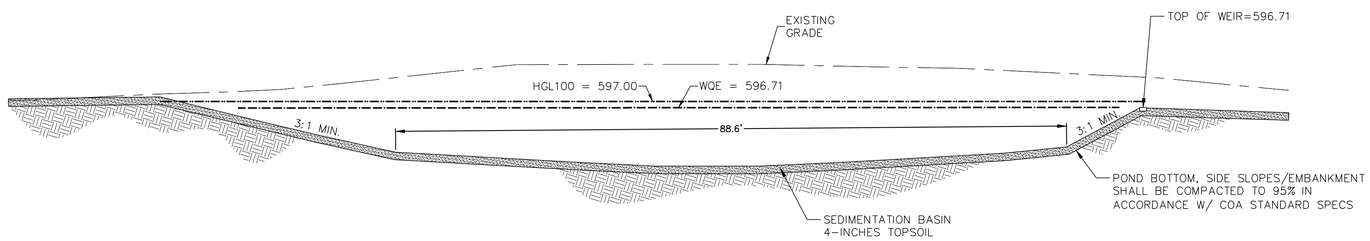
PLOTTED: 10/09/2019
JOB NO: 023-85C

C410

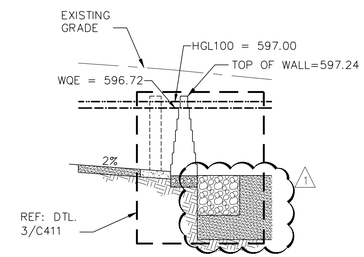
29 OF 44

85-04-1926

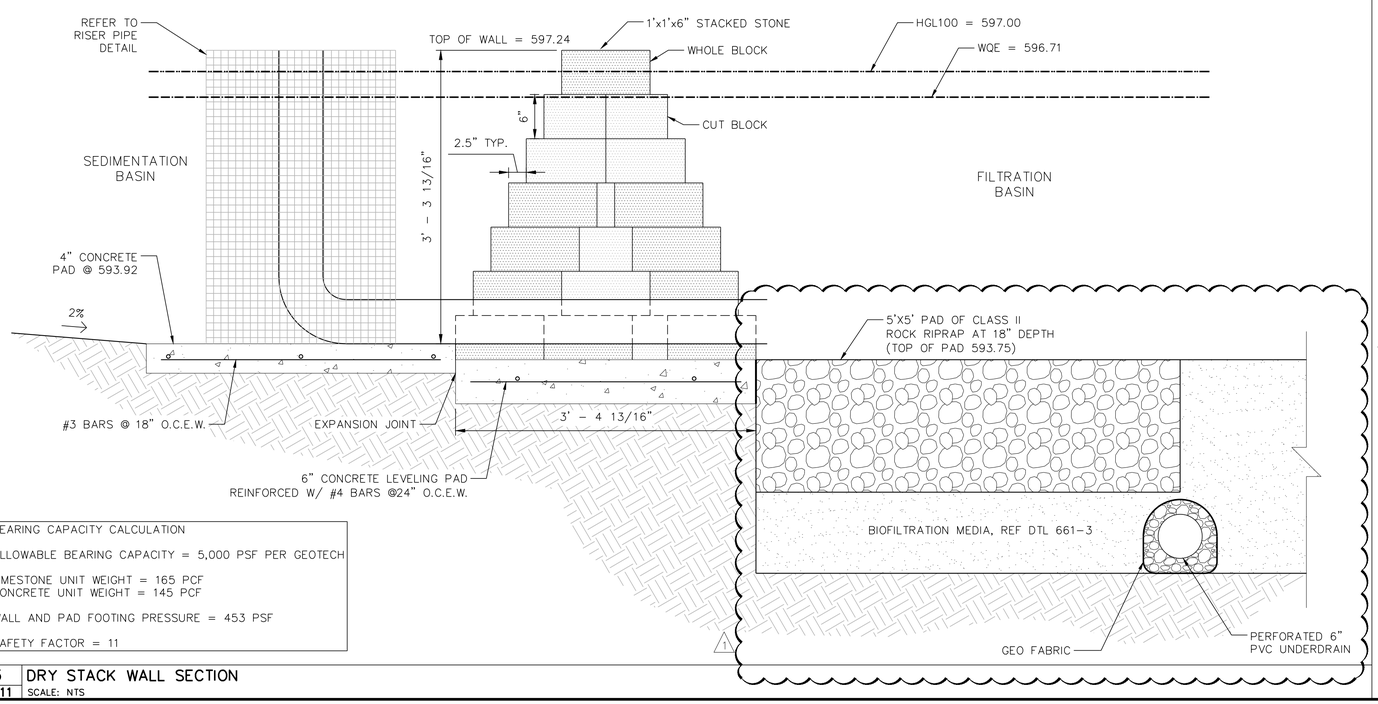
File: Y:\023-85C_Ruther_Park_Lot\CAD\Sheets\02385C-POND_DTLS_SECTIONS.dwg 22x34




1 POND – SECTION A–A
C411 SCALE: 1" = 10'

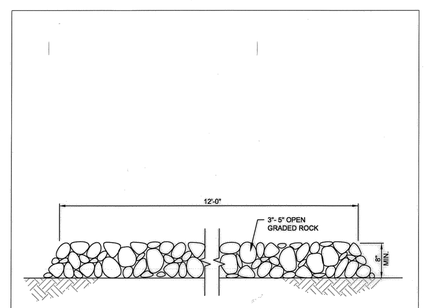



2 POND – SECTION B–B
C411 SCALE: 1" = 10'




| BEARING CAPACITY CALCULATION |
|---|
| ALLOWABLE BEARING CAPACITY = 5,000 PSF PER GEOTECH |
| LIMESTONE UNIT WEIGHT = 165 PCF<br>CONCRETE UNIT WEIGHT = 145 PCF |
| WALL AND PAD FOOTING PRESSURE = 453 PSF |
| SAFETY FACTOR = 11 |

3 DRY STACK WALL SECTION
C411 SCALE: NTS




NOTES:
1. STONE SIZE: 75–125 mm (3–5") OPEN GRADED ROCK.
2. THICKNESS: NOT LESS THAN 200 mm (8").
3. WIDTH: NOT LESS THAN FULL WIDTH OF ALL POINTS OF INGRESS/EGRESS.

| CITY OF AUSTIN<br>DEPARTMENT OF PUBLIC WORKS | POND MAINTENANCE ROAD<br>CROSS SECTION | |
|---|---|---|
| E.J.R., P.E. 1/9/2014<br>ADOPTED | THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD. | STANDARD NO.<br>662S-2 |

L. S. STECHER 56645 REGISTERED PROFESSIONAL ENGINEER STATE OF TEXAS
6/13/19

Crespo Consulting Services, Inc.
Civil & Environmental Engineering

JASON A. BASS 109708 LICENSED PROFESSIONAL ENGINEER STATE OF TEXAS
10/16/2019

mwm Design Group
305 East Huntland Drive
Suite 200
Austin, Texas 78752
p: 512.453.0767
f: 512.453.1734

TBAE FIRM REGISTRATION NO.: 1452
TBPE FIRM REGISTRATION NO.: F-1416
TBPLS FIRM REGISTRATION NO.: 10065600

| NO. | DATE | DESCRIPTION | BY |
|---|---|---|---|
| 1 | 10/16/2019 | ADDENDUM 4 | JB |

0 1"
The bar above measures one inch on the original drawing. Adjust scales accordingly.

# WATER QUALITY POND SECTION VIEWS

Rutherford Lane Campus Parking Lot Improvements
1520 Rutherford Lane
Austin, Texas 78754

PLOTTED: 10/09/2019
JOB NO: 023-85C

C411



85-04-1926

File: Y:\023-85C_Rutherford_Park_Lot\CAD\Sheets\023-85C-POND_DTLS_SECTIONS.dwg 22x34