

OFFSITE WATER DISTRIBUTION CONSTRUCTION PLANS

- C45 - OFFSITE WATER DISTRIBUTION - PHASE II
- C46 - OFFSITE WATER DISTRIBUTION - PHASE II
- C47 - OFFSITE WATER DISTRIBUTION - PHASE II
- C48 - OFFSITE WATER DISTRIBUTION - PHASE II
- C49 - OFFSITE WATER DISTRIBUTION - PHASE II
- C50 - OFFSITE WATER DISTRIBUTION - PHASE III

OFFSITE MISCELLANEOUS CONSTRUCTION PLANS

- C51 - OFFSITE STORM WATER POLLUTION PREVENTION PLAN
- C52 - OFFSITE STORM WATER POLLUTION PREVENTION PLAN
- C53 - OFFSITE STORM WATER POLLUTION PREVENTION PLAN
- C54 - OFFSITE STORM WATER POLLUTION PREVENTION PLAN
- C55 - OFFSITE STORM WATER POLLUTION PREVENTION PLAN
- C56 - OFFSITE STORM WATER POLLUTION PREVENTION PLAN

COMAL COUNTY SCHOENTHAL MUNICIPAL UTILITY DISTRICT

CIVIL CONSTRUCTION DOCUMENTS

CONTESSA SUBDIVISION

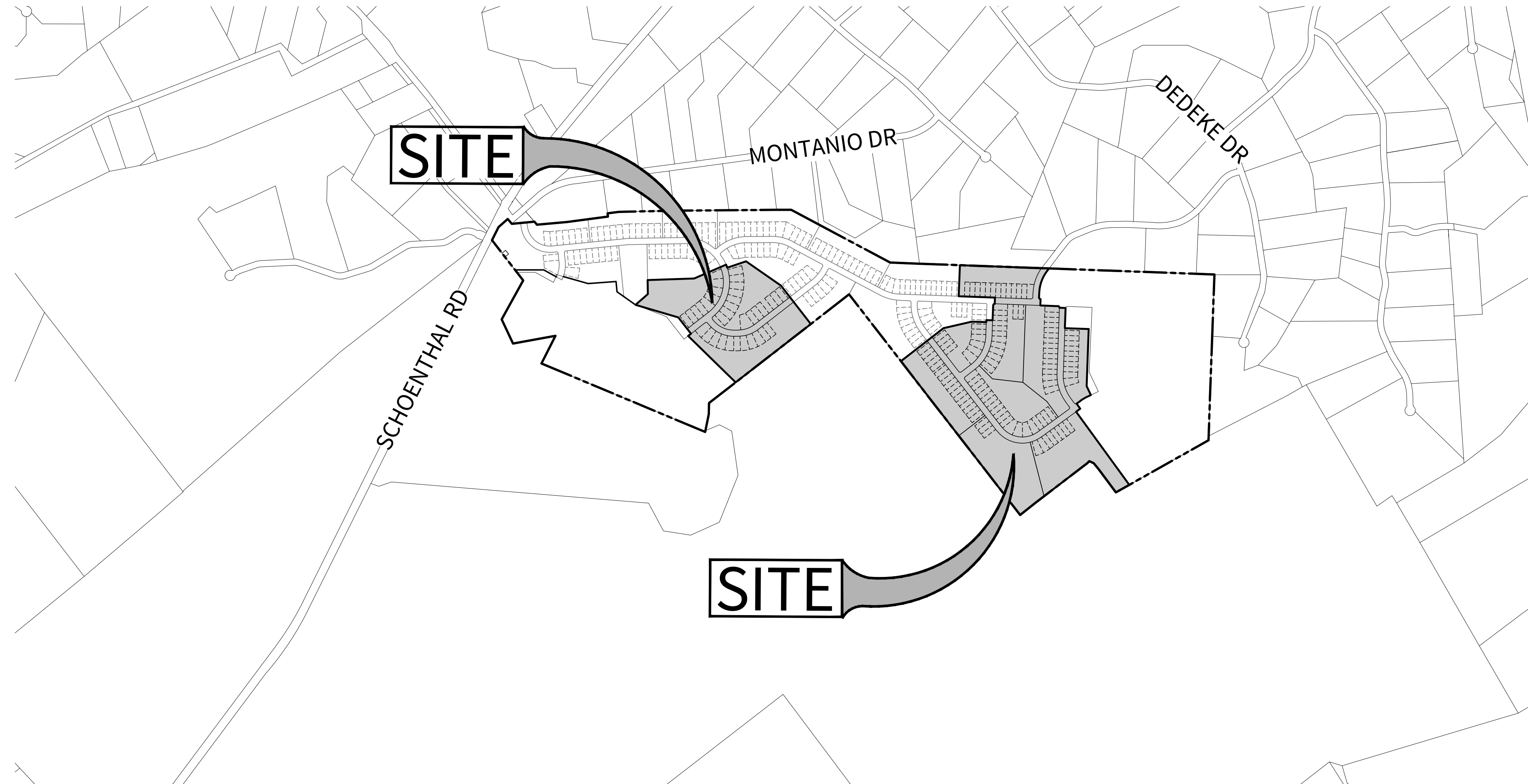
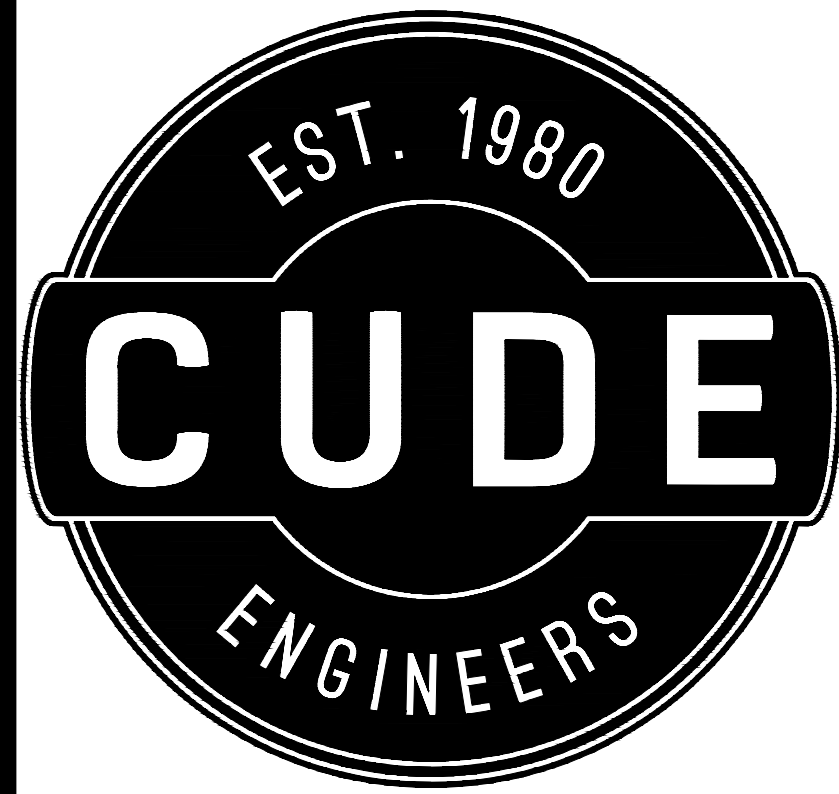
DISTRICT:
COMAL COUNTY SCHOENTHAL
MUNICIPAL UTILITY DISTRICT
CONTACT PERSON: JULIANNE KUGLE
1330 POST OAK BOULEVARD, SUITE 2650
HOUSTON, TX 77056
PH: (713) 850-9000

DEVELOPER:
MERITAGE HOMES OF TEXAS, L.L.C.
CONTACT PERSON: TONDA ALEXANDER
2722 W. BITTERS ROAD, SUITE 200
SAN ANTONIO, TX 78248
PH: (210) 298-4294

DESIGN ENGINEER:
CUDE ENGINEERS
CONTACT PERSON: JAVIER CASTELLO
4122 POND HILL ROAD, SUITE 101
SAN ANTONIO, TEXAS 78231
PHONE :(210) 681-2951

SURVEYOR:
CUDE ENGINEERS
CONTACT PERSON: CHRIS WALTERSCHEIDT
4122 POND HILL ROAD, SUITE 101
SAN ANTONIO, TEXAS 78231
PHONE :(210) 681-2951

DISTRICT ENGINEER:
CUDE ENGINEERS
CONTACT PERSON: JEFFREY McKINNIE
4122 POND HILL ROAD, SUITE 101
SAN ANTONIO, TEXAS 78231
PHONE :(210) 681-2951



LOCATION MAP
N.T.S.

DISTRICT NOTES
THE DISTRICT ENGINEER, CUDE ENGINEERS (JEFFREY McKINNIE, PH:210-681-2951) SHALL BE CONTACTED 48 HOURS PRIOR TO:
i) PRE-CONSTRUCTION MEETINGS;
ii) BEGINNING EACH PHASE OF CONSTRUCTION;
iii) TESTING OF WATER AND/OR WASTEWATER LINES; AND,
iv) FINAL WALK-THROUGH OF FACILITIES.

OFFSITE WATER PHASE II

PRESSURE ZONE 1125 HGL

Developer's Name	MERITAGE HOMES OF TEXAS, L.L.C.		
Developer's Address	2722 WEST BITTERS ROAD, SUITE 200		
City	SAN ANTONIO	State	TEXAS
		Zip	78231
Phone #	(210) 298-4294	Fax #	
SAWS Block Map #	N/A	Total EDU's	N/A
		Total Acreage	N/A
Total Linear Footage of Pipe 8" PVC - 12.056 L.F. - 8" HDPE - 1.000 L.F.		Plat No.	-
Number of Lots	N/A	SAWS Job No.	-

OFFSITE WATER PHASE III

PRESSURE ZONE 1125 HGL

Developer's Name	MERITAGE HOMES OF TEXAS, L.L.C.		
Developer's Address	2722 WEST BITTERS ROAD, SUITE 200		
City	SAN ANTONIO	State	TEXAS
		Zip	78231
Phone #	(210) 298-4294	Fax #	
SAWS Block Map #	N/A	Total EDU's	N/A
		Total Acreage	N/A
Total Linear Footage of Pipe 8" W - 242 L.F.		Plat No.	-
Number of Lots	N/A	SAWS Job No.	-

DISTRICT ENGINEER'S APPROVAL

THESE PLANS HAVE BEEN REVIEW AND APPROVED BY _____ ON _____
REVIEW OF THE PLANS BY THE DISTRICT IS LIMITED TO STREETS, WATER, WASTEWATER, AND DRAINAGE AND DOES NOT INDICATE A REVIEW OF THE ADEQUACY OF THE DESIGN FOR THE FACILITIES. IN APPROVING THESE PLANS, THE DISTRICT MUST RELY ON THE ADEQUACY OF THE WORK OF THE DESIGN ENGINEER.

DISTRICT ENGINEER

LEGAL DESCRIPTION:

CONTESSA UNIT 2
BEING 84.68 OF LAND LOCATED IN THE C. ARTIZ SURVEY NO. 318, A-10 W. TONNE SURVEY NO. 613, A-623, J. THOMPSON SURVEY NO. 755, A-611 AND THE S.A. & M.G.R.R. CO. SURVEY 497 1/2, A-578, COMAL COUNTY, TEXAS AND BEING OUT OF A CALLED 249.7 ACRES OF LAND AS DESCRIBED IN DOCUMENT 201706004645, OFFICIAL PUBLIC RECORDS OF COMAL COUNTY, TEXAS

4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P:(210) 681.2951 F: (210) 523.7112

DRAWN BY
CG/JG/LJ/TCD

DATE
05/08/2026

CHECKED BY
XV/JC

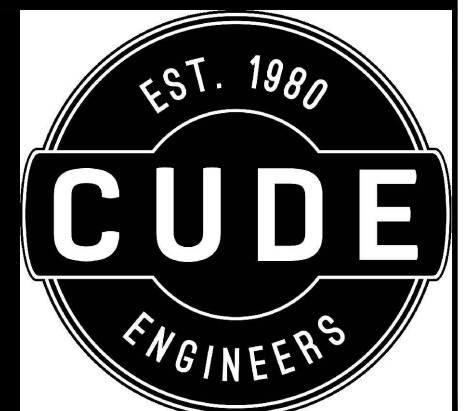
PROJECT NO.
04343.005

CONTESSA SUBDIVISION

OFFSITE WATER DISTRIBUTION
CONSTRUCTION PLANS-PHASE II & III



CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500

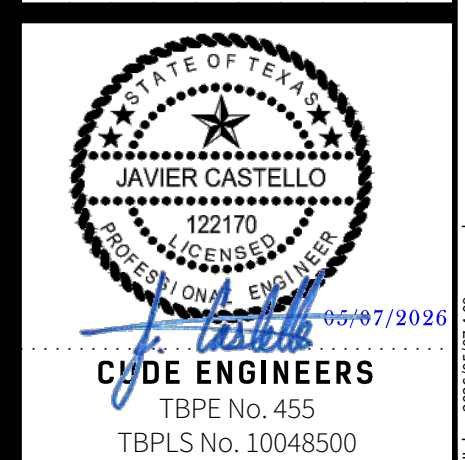


4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

CONTESSA SUBDIVISION
UNIT 2
OFFSITE WATER DISTRIBUTION - PHASE II

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TC
CHECKED BY
XV/AL

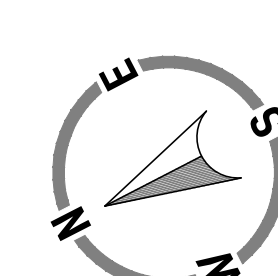
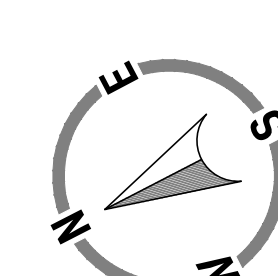
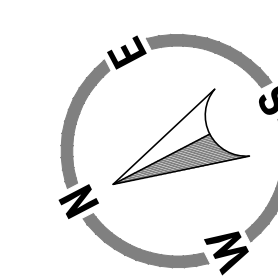
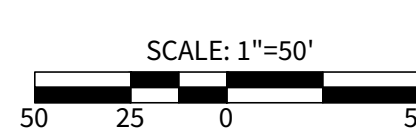
REVISIONS table with columns for DATE, REVISIONS, and a list of revision numbers 1 through 9.



CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500
C45

Table with 3 columns: Item No., Description, Quantity, Units. Lists materials like 8" PVC C-900 WATERLINE, 8" HDPE DR 11 WATER LINE, GATE VALVES, FIRE HYDRANTS, etc.

LEGEND table defining symbols for FEMA 100 YR FLOODPLAIN, EXISTING RIGHT OF WAY, EXISTING 2' CONTOUR, EXISTING 10' CONTOUR, EXISTING OVERHEAD ELEC., EXISTING BARBED WIRE FENCE, EXISTING WATER LINE, PROPOSED WATER LINE, PROPOSED FIRE HYDRANT, JOINT RESTRAINT, JOINT RESTRAINT ENTIRE LENGTH.



NOTES: 1. MOISTURE DENSITY COMPACTION TESTING FREQUENCY - WATER MAIN TRENCHES REQUIRED EVERY 300 LF FOR EACH VERTICAL FOOT OF COMPACTED BACKFILL. SERVICES RANDOMLY SELECTED AS REQUIRED BY SAWS INSPECTOR. 2. FIRE HYDRANTS SHALL BE MUELLER OR E J TYPE AND SHALL BE 1" MINIMUM AND 7" MAXIMUM FROM THE BACK OF CURB. 3. DISINFESTION SHALL BE BY MACHINE CHLORINATION. 4. ALL TESTING AND TEST REPORTS SHALL BE COORDINATED WITH SAWS INSPECTOR BY CONTRACTOR. 5. ALL 8" PVC SHALL BE C-900 CLASS 235 DR 18. 6. CONTRACTOR SHALL MAINTAIN A MINIMUM DEPTH OF 5 FEET ON ALL 8" MAINS. 7. CONTRACTOR SHALL NOTIFY ENGINEER OF CONFLICTS WITH EXISTING OVERHEAD POLES DURING CONSTRUCTION.

Developer's Name: HERITAGE HOMES OF TEXAS, L.L.C.
Developer's Address: 2722 WEST BITTERS ROAD, SUITE 200
City: SAN ANTONIO State: TEXAS Zip: 78231
Phone #: (210) 298-4294 Fax #: 78231
SAWS Block Map #: N/A Total EDU's: N/A Total Acreage: N/A
Total Linear Footage of Pipe: 8" PVC - 17,056 L.F. - 8" HDPE - 1,000 L.F. Plat No.: -
Number of Lots: N/A SAWS Job No.: -

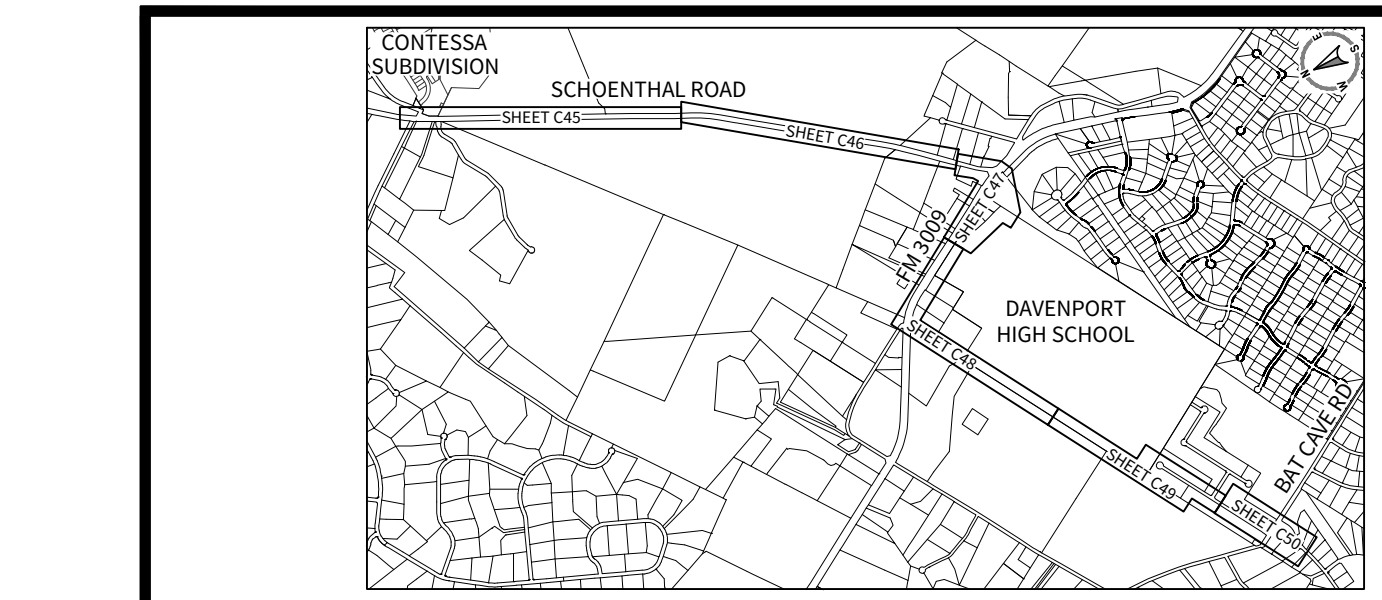
TRENCH EXCAVATION PROTECTION
CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH A MINIMUM OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

FLOODPLAIN NOTICE:
PORTIONS OF THE PROPOSED CONSTRUCTION LIE WITHIN THE FEMA 100-YEAR FLOODPLAIN. CONTRACTOR SHALL REVIEW FLOODPLAIN LIMITS SHOWN ON THE PLANS AND COORDINATE ALL ACTIVITIES ACCORDINGLY. NO MATERIALS, EQUIPMENT, OR FILL SHALL BE PLACED IN THE FLOODPLAIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED FLOODPLAIN DEVELOPMENT PERMIT FROM CDML COUNTY.

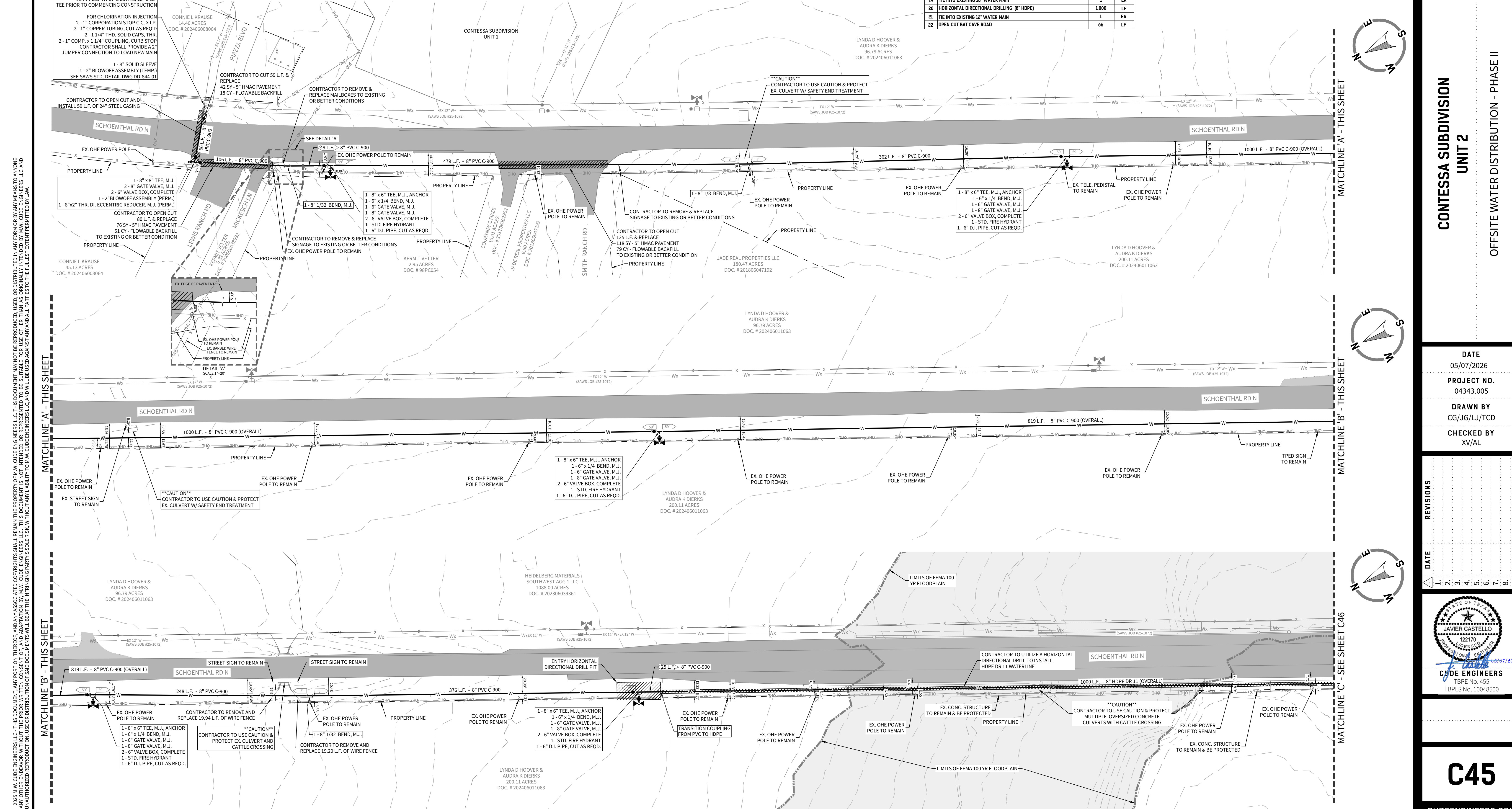
NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING 90% COMPACTION ON ALL TRENCH BACKFILL AND PAYING FOR THE TESTS TO BE PERFORMED BY A THIRD PARTY. COMPACTION TEST WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED OR AS INDICATED BY THE SAWS INSPECTOR/TEST ADMINISTRATOR PER EACH 12-INCH LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.

CAUTION!!
THE CONTRACTOR SHALL BE AWARE THAT OVERHEAD ELECTRIC LINES EXIST WITHIN THE VICINITY OF THE SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THIS AREA. ANY DAMAGE DONE TO THESE EXISTING FACILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

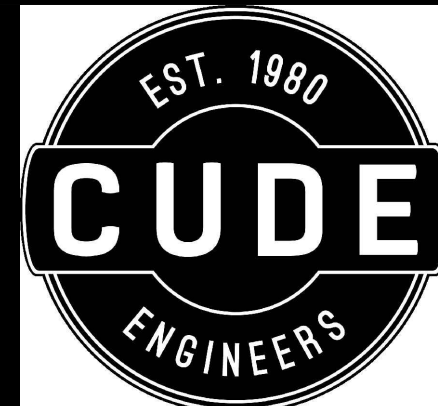
CAUTION!!
EXISTING UTILITIES ARE WITHIN THE LIMITS OF CONSTRUCTION. CONTRACTORS SHALL EXERCISE EXTRA CARE IN DIGGING ANY TRENCH FOR PROPOSED UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO CORROBORATE, VERIFY THE EXACT LOCATION & IDENTIFY AREA OF CONFLICTS WITH EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER IF CONFLICT IS FOUND.



CONTRACTOR TO THE NEW 8" MAIN INTO EXISTING 12" x 12" TEE. 8" VALVE TO REMAIN CLOSED UNTIL AFTER DISINFECTION & ACCEPTANCE BY SAWS. CONTRACTOR SHALL FIELD LOCATE & VERIFY DEPTH OF EXISTING 12" x 12" TEE PRIOR TO COMMENCING CONSTRUCTION. FOR CHLORINATION INJECTION: 2-1" COPPER TUBING STOP C.C. X I.P. 2-1" COPPER TUBING, CUT AS REQ'D 2-1 1/4" THD. SOLID CAPS, THR 2-1" COMP. x 1 1/4" COUPLING, CURB STOP CONTRACTOR SHALL PROVIDE A 2" JUMPER CONNECTION TO LOAD NEW MAIN. 1-8" SOLID SLEEVE 1-2" BLOWOFF ASSEMBLY (TEMP.) SEE SAWS STD. DETAIL DWG DD-544-01.



2025 M.W. CUDE ENGINEERS, L.L.C. - THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW. ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF SAWS DOCUMENTS WILL BE AT THE INFRINGING PARTY'S SOLE RISK, WITHOUT LIABILITY TO M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P:(210) 681.2951 F:(210) 523.7112

CONTESSA SUBDIVISION
UNIT 2

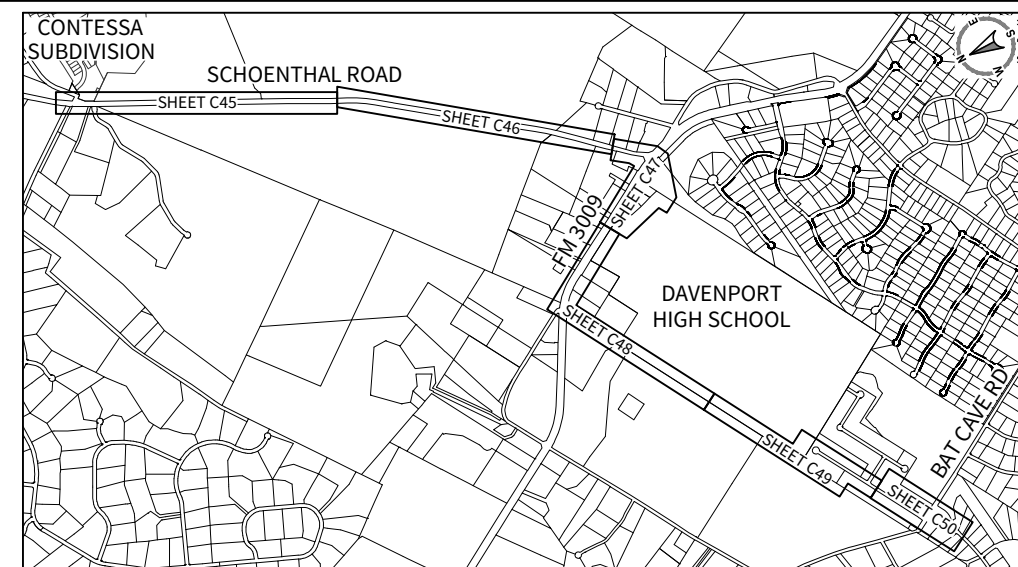
OFFSITE WATER DISTRIBUTION - PHASE II

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TC
CHECKED BY
XV/AL

Table with columns: REVISIONS, DATE, and description of changes.

STATE OF TEXAS
JAVIER CASTELLO
Professional Engineer
No. 122170
CUDE ENGINEERS
TBPE No. 455
TBPLs No. 10048500

C46
CUDEENGINEERS.COM



NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING 98% COMPACTION ON ALL TRENCH BACKFILL AND PAYING FOR THE TESTS TO BE PERFORMED BY A THIRD PARTY. COMPACTION TEST WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED OR AS INDICATED BY THE SAWS INSPECTOR/TEST ADMINISTER PER EACH 12-INCH DEEP LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.

CAUTION!!

THE CONTRACTOR SHALL BE AWARE THAT OVERHEAD ELECTRIC LINES EXIST WITHIN THE VICINITY OF THE SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THIS AREA. ANY DAMAGE DONE TO THESE EXISTING FACILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

CAUTION!!

EXISTING UTILITIES ARE WITHIN THE LIMITS OF CONSTRUCTION. CONTRACTORS SHALL EXERCISE EXTRA CARE IN DIGGING ANY TRENCH FOR PROPOSED UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE, VERIFY THE EXACT LOCATION & IDENTIFY AREA OF CONFLICTS WITH EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER IF CONFLICT IS FOUND.

TRENCH EXCAVATION PROTECTION

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

FLOODPLAIN NOTICE:

PORTIONS OF THE PROPOSED CONSTRUCTION LIE WITHIN THE FEMA 100-YEAR FLOODPLAIN. CONTRACTOR SHALL REVIEW FLOODPLAIN LIMITS SHOWN ON THE PLANS AND COORDINATE ALL ACTIVITIES ACCORDINGLY. NO MATERIALS, EQUIPMENT, OR FILL SHALL BE PLACED IN THE FLOODPLAIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED FLOODPLAIN DEVELOPMENT PERMIT FROM CDAL COUNTY.

NOTES:

- 1. MOISTURE DENSITY COMPACTION TESTING FREQUENCY - WATER MAIN TRENCHES REQUIRED EVERY 300 LF FOR EACH VERTICAL FOOT OF COMPACTED BACKFILL. SERVICES RANDOMLY SELECTED AS REQUIRED BY SAWS INSPECTOR.
- 2. FIRE HYDRANTS SHALL BE MUELLER OR E J TYPE AND SHALL BE 1" MINIMUM AND 7" MAXIMUM FROM THE BACK OF CURB.
- 3. DISINFESTATION SHALL BE BY MACHINE CHLORINATION.
- 4. ALL TESTING AND TEST REPORTS SHALL BE COORDINATED WITH SAWS INSPECTOR BY CONTRACTOR.
- 5. ALL 8" PVC SHALL BE C-900 CLASS 235 DR 18.
- 6. CONTRACTOR SHALL MAINTAIN A MINIMUM DEPTH OF 5 FEET ON ALL 8" MAINS.
- 7. CONTRACTOR SHALL NOTIFY ENGINEER OF CONFLICTS WITH EXISTING OVERHEAD POLES DURING CONSTRUCTION.

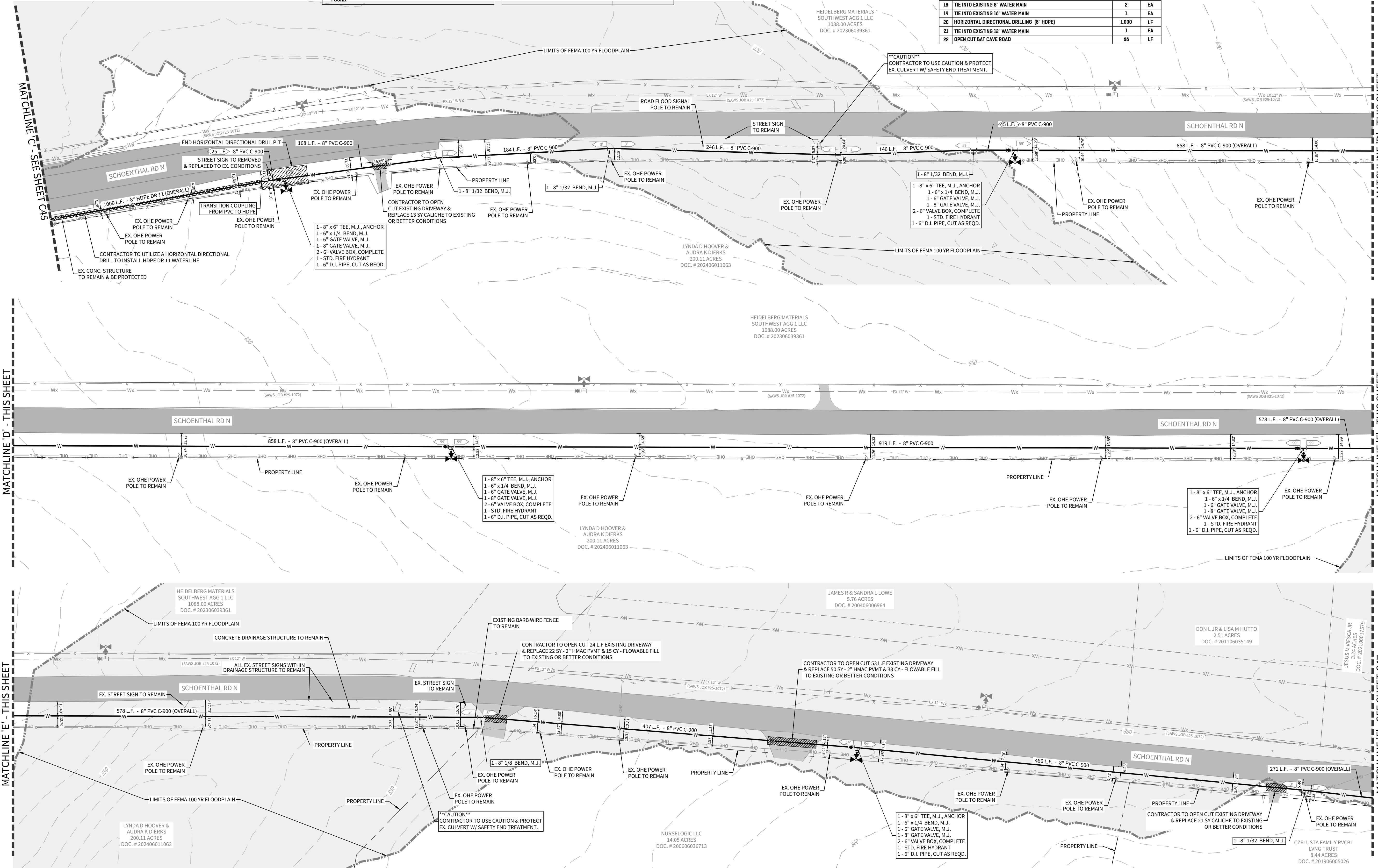
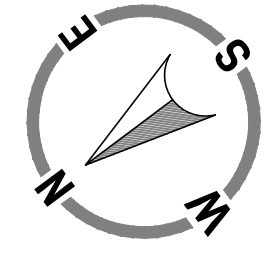
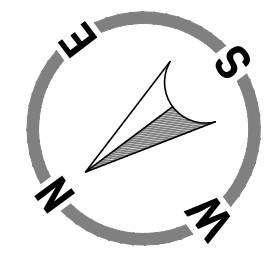
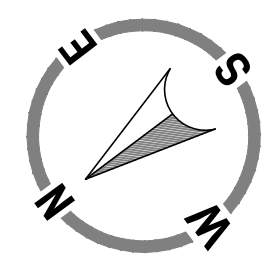
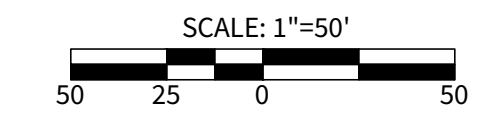
Table with developer information: Developer's Name (HERITAGE HOMES OF TEXAS, L.L.C.), Address (2722 WEST BITTERS ROAD, SUITE 200), City (SAN ANTONIO), State (TEXAS), Zip (78231), Phone # ((210) 298-4294), Fax #, SAWS Block Map # (N/A), Total EDUs (N/A), Total Acreage (N/A), Total Linear Footage of Pipe (8" PVC - 17,056 L.F. - 8" HDPE - 1,000 L.F.), Plat No., Number of Lots (N/A), SAWS Job No.

CONTESSA UNIT 2 - WATER DEVELOPMENT
OFFSITE PHASE II ESTIMATED QUANTITY TAKE-OFF
(CONTRACTOR RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES REQUIRED)

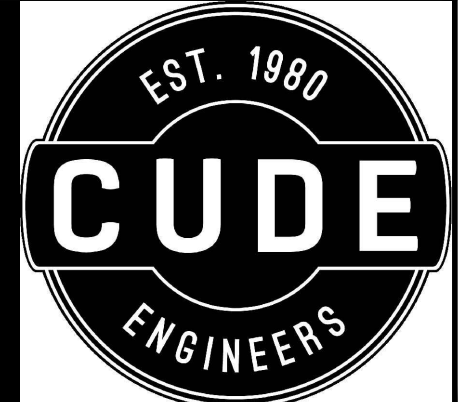
Table with columns: Item No., Description, Quantity, Units. Lists items like 8" PVC C-900 WATERLINE (17,056 LF), 8" HDPE DR 11 WATER LINE (1,000 LF), 8" GATE VALVES (24 EA), 10" GATE VALVES (1 EA), FIRE HYDRANTS (19 EA), PIPE FITTINGS, BLOWOFF, TEMPORARY, BLOWOFF, PERMANENT, OPEN CUT COMPLETE WITH 24" STEEL CASING, JACK, BORE AND TUNNEL COMPLETE WITH 24" STEEL CASING, OPEN CUT AND REPAIR DRIVEWAY, OPEN CUT LEWIS RANCH RD & MICKESCH LN, OPEN CUT SMITH RANCH RD & COURTNEY FIKES PROPERTY, TRENCH EXCAVATION SAFETY PROTECTION, HYDROSTATIC TESTING, CUT IN ANCHOR TEE 10" X 8", CUT IN ANCHOR TEE 8" X 8", TIE INTO EXISTING 8" WATER MAIN, TIE INTO EXISTING 16" WATER MAIN, HORIZONTAL DIRECTIONAL DRILLING (8" HDPE), TIE INTO EXISTING 12" WATER MAIN, OPEN CUT BAT CAVE ROAD.

LEGEND

- FEMA 100 YR FLOODPLAIN (dashed line with 'F')
- EXISTING RIGHT OF WAY (dashed line with 'R')
- EXISTING 2' CONTOUR (dashed line with '2')
- EXISTING 10' CONTOUR (dashed line with '10')
- EXISTING OVERHEAD ELEC. (line with 'OHE')
- EXISTING BARBED WIRE FENCE (line with 'X')
- EXISTING WATER LINE (line with 'W')
- PROPOSED WATER LINE (line with 'W')
- PROPOSED FIRE HYDRANT (circle with 'H')
- JOINT RESTRAINT (line with 'J')
- JOINT RESTRAINT ENTIRE LENGTH (line with 'J')



2025 M.W. CUDE ENGINEERS, L.L.C. - THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF, AND ADAPTATION BY, M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW. ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF THIS DOCUMENT WILL BE AT THE REPRODUCING PARTY'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.

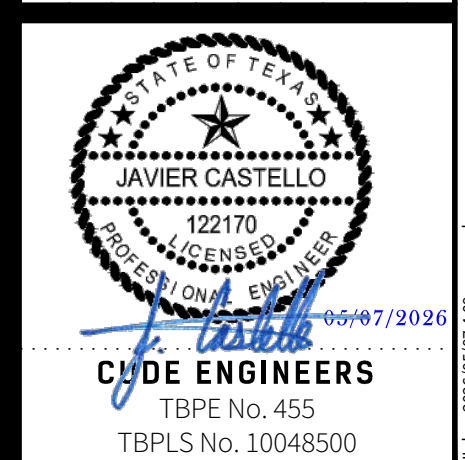


4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P:(210) 681.2951 F:(210) 523.7112

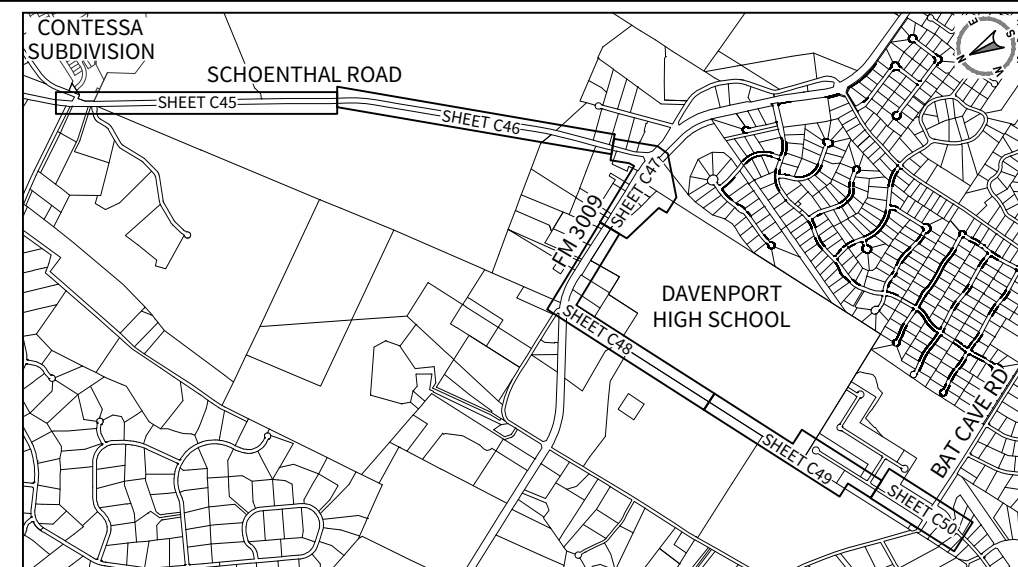
CONTESSA SUBDIVISION
UNIT 2
OFFSITE WATER DISTRIBUTION - PHASE II

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TCD
CHECKED BY
XV/AL

Table with 2 columns: REVISIONS, DATE. Contains revision tracking information.



CUDE ENGINEERS
TBPE No. 455
TBPLs No. 10048500
C47
CUDEENGINEERS.COM



KEYMAP
SCALE: 1"=3000'

CONTESSA UNIT 2 - WATER DEVELOPMENT
OFFSITE PHASE II ESTIMATED QUANTITY TAKE-OFF
(CONTRACTOR RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES REQUIRED)

Table with 4 columns: Item No., Description, Quantity, Units. Lists materials and quantities for the water development project, including PVC waterlines, valves, hydrants, and pipe fittings.

NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING 90% COMPACTION ON ALL TRENCH BACKFILL AND PAYING FOR THE TESTS TO BE PERFORMED BY A THIRD PARTY. COMPACTION TEST WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED OR AS INDICATED BY THE SAWS INSPECTOR/TEST ADMINISTER PER EACH 12-INCH LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE ACCEPTED AND FINALIZED BY SAWS WITHOUT THIS REQUIREMENT BEING MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.

CAUTION!!

THE CONTRACTOR SHALL BE AWARE THAT OVERHEAD ELECTRIC LINES EXIST WITHIN THE VICINITY OF THE SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THIS AREA. ANY DAMAGE DONE TO THESE EXISTING FACILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

TRENCH EXCAVATION PROTECTION

CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY/EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

FLOODPLAIN NOTICE:

PORTIONS OF THE PROPOSED CONSTRUCTION LIE WITHIN THE FEMA 100-YEAR FLOODPLAIN. CONTRACTOR SHALL REVIEW FLOODPLAIN LIMITS SHOWN ON THE PLANS AND COORDINATE ALL ACTIVITIES ACCORDINGLY. NO MATERIALS, EQUIPMENT, OR FILL SHALL BE PLACED IN THE FLOODPLAIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED FLOODPLAIN DEVELOPMENT PERMIT FROM COMAL COUNTY.

CAUTION!!

EXISTING UTILITIES ARE WITHIN THE LIMITS OF CONSTRUCTION. CONTRACTORS SHALL EXERCISE EXTRA CARE IN DIGGING ANY TRENCH FOR PROPOSED UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE, VERIFY THE EXACT LOCATION & IDENTIFY AREA OF CONFLICTS WITH EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER IF CONFLICT IS FOUND.

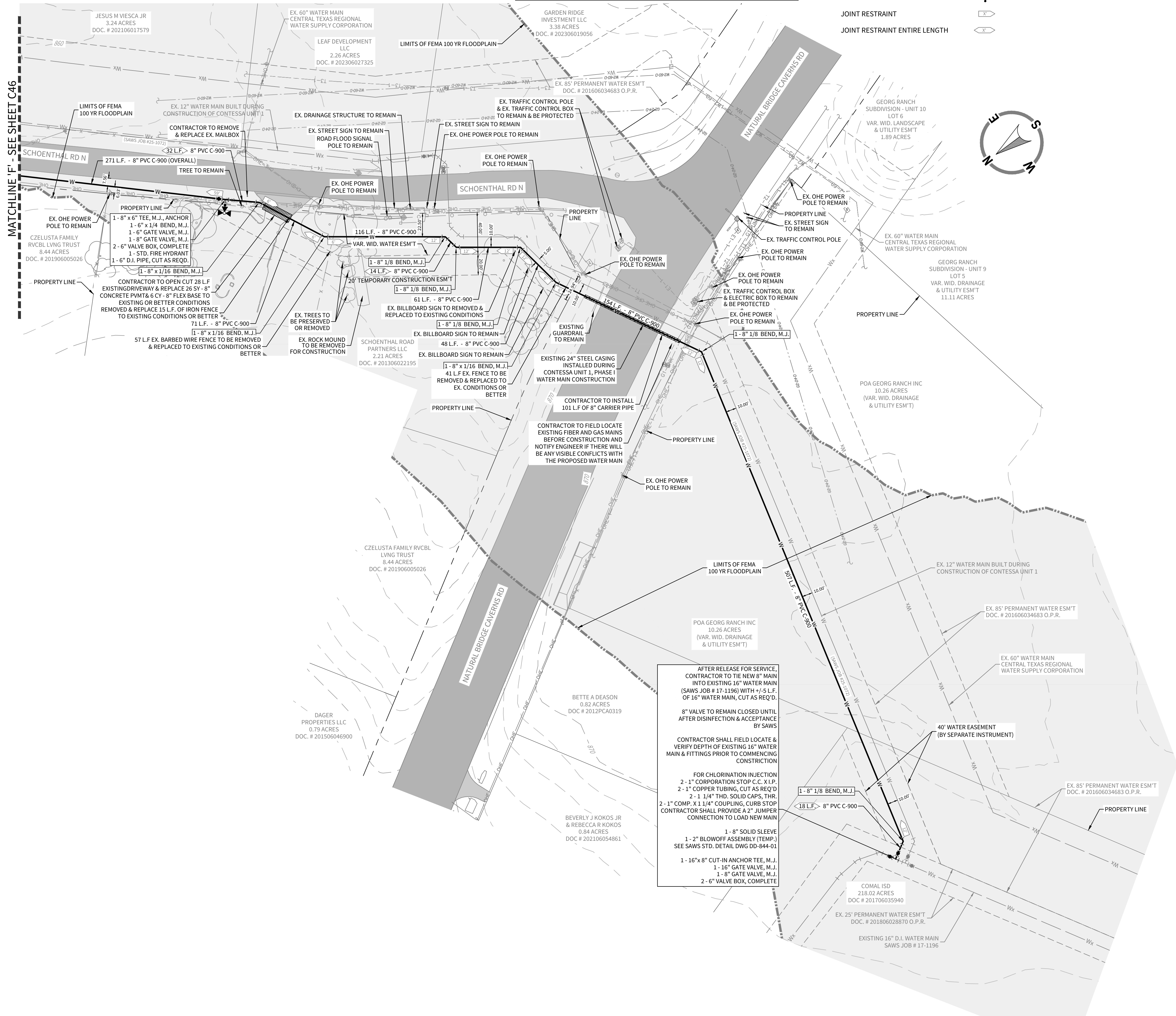
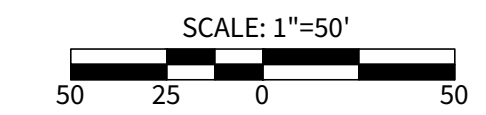
NOTES:

- 1. MOISTURE DENSITY COMPACTION TESTING FREQUENCY - WATER MAIN TRENCHES REQUIRED EVERY 300 LF FOR EACH VERTICAL FOOT OF COMPACTED BACKFILL. SERVICES RANDOMLY SELECTED AS REQUIRED BY SAWS INSPECTOR.
2. FIRE HYDRANTS SHALL BE MUELLER OR EJ TYPE AND SHALL BE 1" MINIMUM AND 7" MAXIMUM FROM THE BACK OF CURB.
3. DISINFECTION SHALL BE BY MACHINE CHLORINATION.
4. ALL TESTING AND TEST REPORTS SHALL BE COORDINATED WITH SAWS INSPECTOR BY CONTRACTOR.
5. ALL 8" PVC SHALL BE C-900 CLASS 225 DR 18.
6. CONTRACTOR SHALL MAINTAIN A MINIMUM DEPTH OF 5 FEET ON ALL 8" MAINS.
7. CONTRACTOR SHALL NOTIFY ENGINEER OF CONFLICTS WITH EXISTING OVERHEAD POLES DURING CONSTRUCTION.

Developer Information Table for HERITAGE HOMES OF TEXAS, L.L.C. including address (2722 WEST BITTERS ROAD, SUITE 200), city (SAN ANTONIO), state (TEXAS), zip (78231), phone, fax, and SAWS Block Map #.

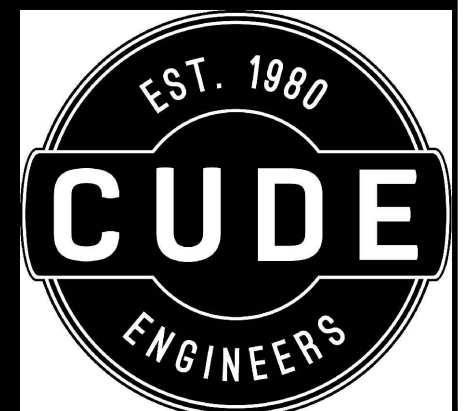
LEGEND

- FEMA 100 YR FLOODPLAIN (dashed line symbol)
EXISTING RIGHT OF WAY (dashed line symbol)
EXISTING 2' CONTOUR (dotted line symbol)
EXISTING 10' CONTOUR (dotted line symbol)
EXISTING OVERHEAD ELEC. (line with 'OHE' labels)
EXISTING BARBED WIRE FENCE (line with 'X' labels)
EXISTING WATER LINE (line with 'W' labels)
PROPOSED WATER LINE (line with 'W' labels)
PROPOSED FIRE HYDRANT (circle with 'X' label)
JOINT RESTRAINT (line with 'X' label)
JOINT RESTRAINT ENTIRE LENGTH (line with 'X' label)



AFTER RELEASE FOR SERVICE, CONTRACTOR TO THE NEW 8" MAIN INTO EXISTING 16" WATER MAIN (SAWS JOB # 17-1196) WITH +/- 5 L.F. OF 16" WATER MAIN, CUT AS REQ'D.
8" VALVE TO REMAIN CLOSED UNTIL AFTER DISINFECTION & ACCEPTANCE BY SAWS.
CONTRACTOR SHALL FIELD LOCATE & VERIFY DEPTH OF EXISTING 16" WATER MAIN & FITTINGS PRIOR TO COMMENCING CONSTRUCTION.
FOR CHLORINATION INJECTION: 2-1" CORPORATION STOP C.C. X.I.P., 2-1" COPPER TUBING, CUT AS REQ'D, 2-1 1/4" THD. SOLID CAPS, THR, 2-1" COMP. X 1 1/4" COUPLING, CURB STOP. CONTRACTOR SHALL PROVIDE A 2" JUMPER CONNECTION TO LOAD NEW MAIN.
1-8" SOLID SLEEVE
1-2" BLOWOFF ASSEMBLY (TEMP.) SEE SAWS STD. DETAIL DWG DD-844-01
1-16"x8" CUT-IN ANCHOR TEE, M.J.
1-16" GATE VALVE, M.J.
1-8" GATE VALVE, M.J.
2-6" VALVE BOX, COMPLETE

© 2005 M.W. CUDE ENGINEERS, L.L.C. - THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF, AND ADAPTATION BY, M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW. ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF THIS DOCUMENT WILL BE AT THE INFRINGING PARTY'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.

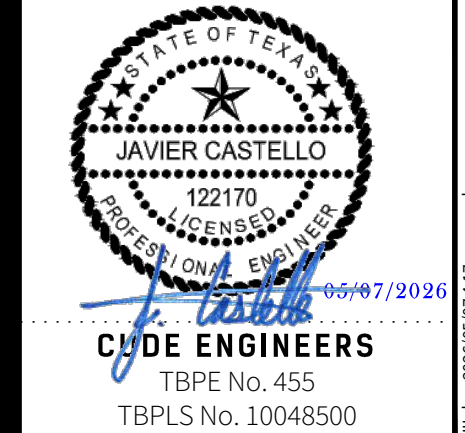


4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

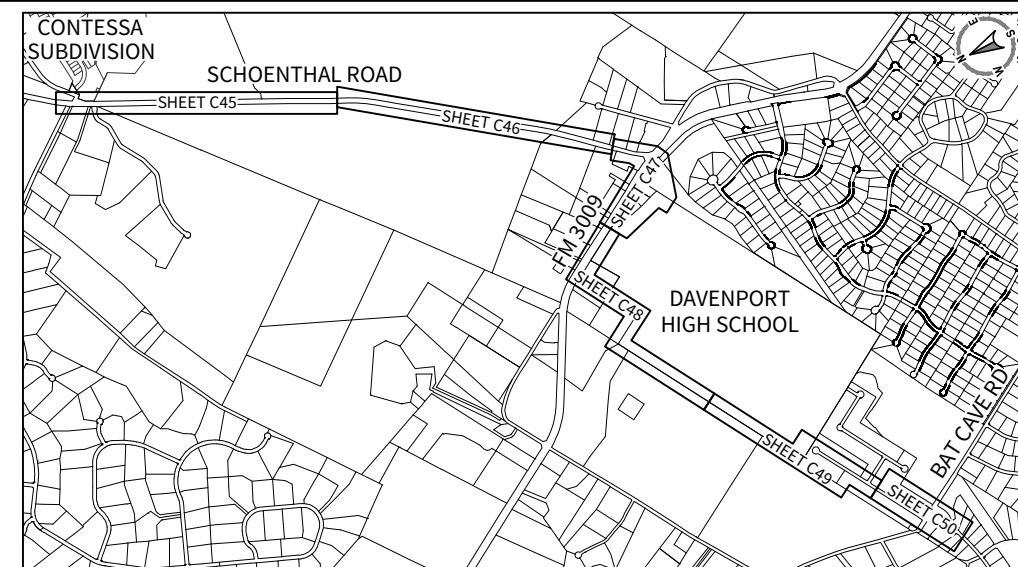
CONTESSA SUBDIVISION
UNIT 2

OFFSITE WATER DISTRIBUTION - PHASE II

REVISIONS
DATE



J. Castillo
CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500



NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING 98% COMPACTION ON ALL TRENCH BACKFILL AND PAYING FOR THE TESTS TO BE PERFORMED BY A THIRD PARTY. COMPACTION TEST WILL BE DONE AT ONE LOCATION POINT RANDOMLY SELECTED OR AS INDICATED BY THE SAWS INSPECTOR/TEST ADMINISTER. PER EACH 12-INCH LOOSE LIFT PER 400 LINEAR FEET AT A MINIMUM. THIS PROJECT WILL NOT BE MET AND VERIFIED BY PROVIDING ALL NECESSARY DOCUMENTED TEST RESULTS.

CAUTION!!
THE CONTRACTOR SHALL BE AWARE THAT OVERHEAD ELECTRIC LINES EXIST WITHIN THE VICINITY OF THE SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO HAVE THESE UTILITIES LOCATED PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING IN THIS AREA. ANY DAMAGE DONE TO THESE EXISTING UTILITIES WILL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR.

CAUTION!!
EXISTING UTILITIES ARE WITHIN THE LIMITS OF CONSTRUCTION. CONTRACTORS SHALL EXERCISE EXTRA CARE IN DIGGING ANY TRENCH FOR PROPOSED UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE, VERIFY THE EXACT LOCATION & IDENTIFY AREA OF CONFLICTS WITH EXISTING UTILITIES AND SHALL NOTIFY THE ENGINEER IF CONFLICT IS FOUND.

TRENCH EXCAVATION PROTECTION
CONTRACTOR AND/OR CONTRACTORS' INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY WITH AS A MINIMUM OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTORS' INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

FLOODPLAIN NOTICE:
PORTIONS OF THE PROPOSED CONSTRUCTION LIE WITHIN THE FEMA 100-YEAR FLOODPLAIN. CONTRACTOR SHALL REVIEW FLOODPLAIN LIMITS SHOWN ON THE PLANS AND COORDINATE ALL ACTIVITIES ACCORDINGLY. NO MATERIALS, EQUIPMENT, OR FILL SHALL BE PLACED IN THE FLOODPLAIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY REQUIRED FLOODPLAIN DEVELOPMENT PERMIT FROM COMAL COUNTY.

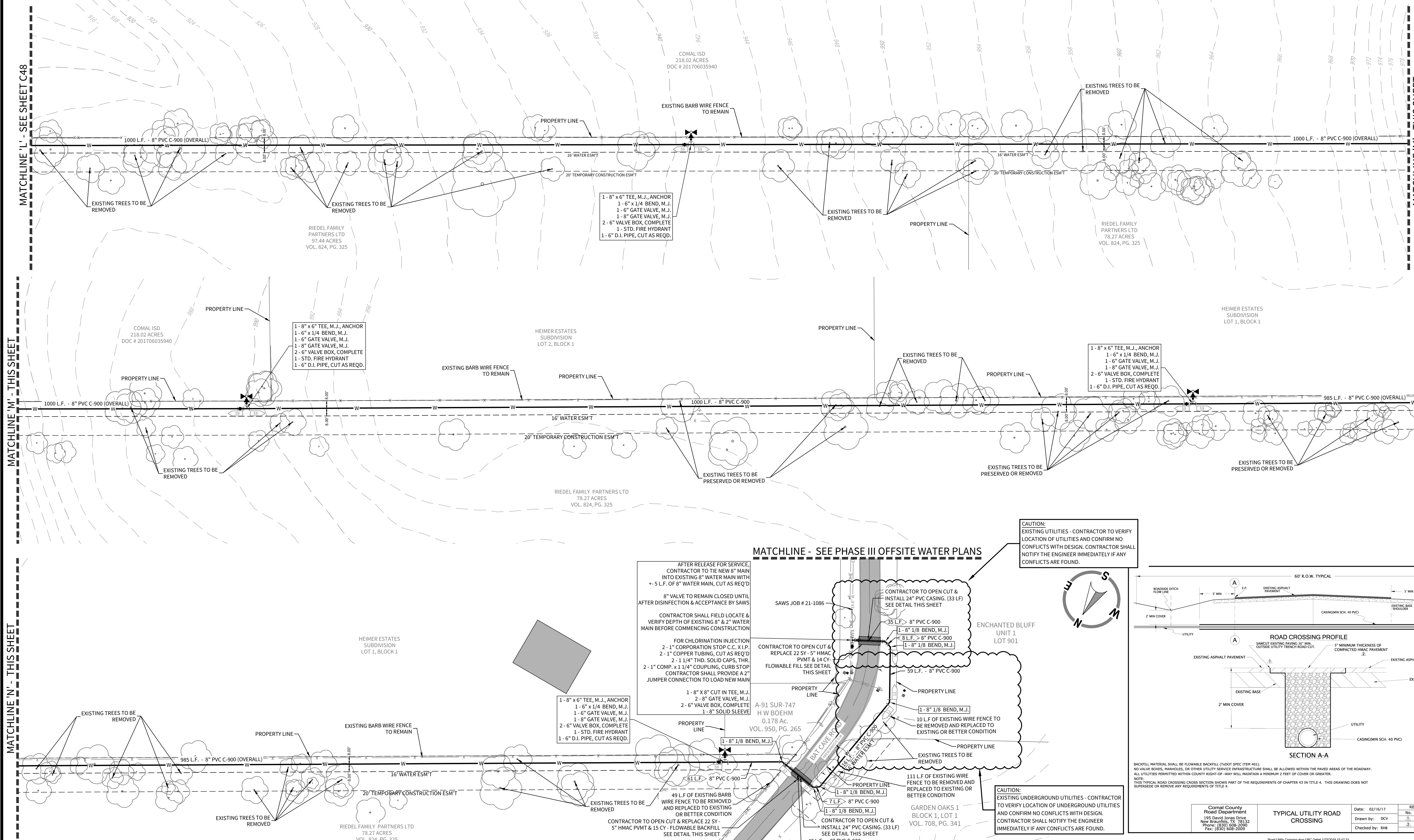
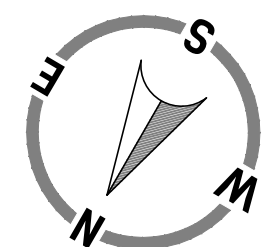
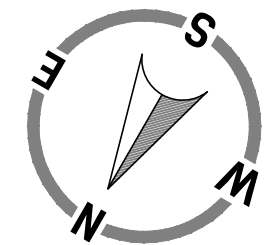
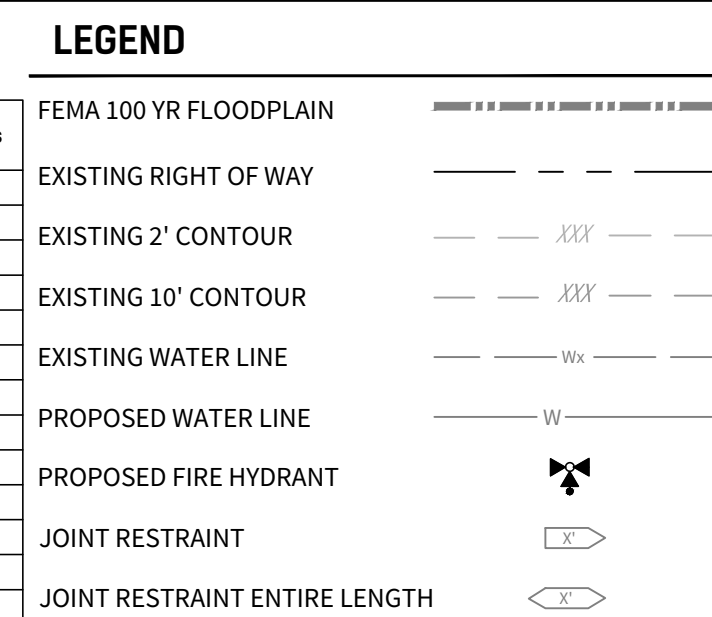
- NOTES:**
1. MOISTURE DENSITY COMPACTION TESTING FREQUENCY - WATER MAIN TRENCHES REQUIRED EVERY 300 LF FOR EACH VERTICAL FOOT OF COMPACTED BACKFILL. SERVICES RANDOMLY SELECTED AS REQUIRED BY SAWS INSPECTOR.
 2. FIRE HYDRANTS SHALL BE MUELLER OR E J TYPE AND SHALL BE 1" MINIMUM AND 7" MAXIMUM FROM THE BACK OF CURB.
 3. DISINFECTION SHALL BE BY MACHINE CHLORINATION.
 4. ALL TESTING AND TEST REPORTS SHALL BE COORDINATED WITH SAWS INSPECTOR BY CONTRACTOR.
 5. ALL 8" PVC SHALL BE C-900 CLASS 235 DR 18.
 6. CONTRACTOR SHALL MAINTAIN A MINIMUM DEPTH OF 5 FEET ON ALL 8" MAINS.
 7. CONTRACTOR SHALL NOTIFY ENGINEER OF CONFLICTS WITH EXISTING OVERHEAD POLES DURING CONSTRUCTION.

PRESSURE ZONE 1225 HGL

Developer's Name: HERITAGE HOMES OF TEXAS, L.L.C.
Developer's Address: 2722 WEST BITTERS ROAD, SUITE 200
City: SAN ANTONIO State: TEXAS Zip: 78231
Phone #: (210) 298-4294 Fax #: [blank]
SAWS Block Map #: N/A Total EDUs: N/A Total Acreage: N/A
Total Linear Footage of Pipe: 8" PVC - 17,056 L.F. - 8" HDPE - 1,000 L.F. Plat No.: [blank]
Number of Lots: N/A SAWS Job No.: [blank]

**CONTESSA UNIT 2 - WATER DEVELOPMENT
OFFSITE PHASE II ESTIMATED QUANTITY TAKE-OFF
(CONTRACTOR RESPONSIBLE FOR DETERMINING ACTUAL QUANTITIES REQUIRED)**

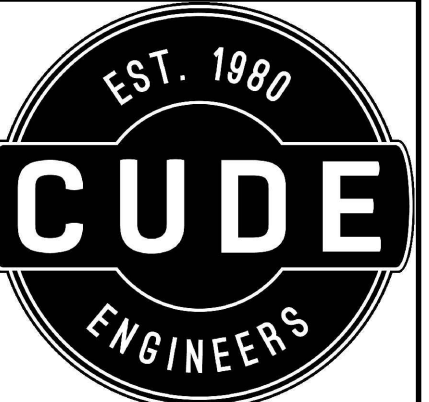
Item No.	Description	Quantity	Units
1	8" PVC C-900 WATERLINE	17,056	LF
2	8" HDPE DR 11 WATER LINE	1,000	LF
3	8" GATE VALVES	24	EA
4	16" GATE VALVES	1	EA
5	FIRE HYDRANTS	19	EA
6	PIPE FITTINGS, ALL SIZES AND TYPES	4,73	TON
7	2" BLOWOFF, TEMPORARY	3	EA
8	2" BLOWOFF, PERMANENT	1	EA
9	JACK, BORE AND TUNNEL, COMPLETE WITH 24" STEEL CASING	59	LF
10	JACK, BORE AND TUNNEL, COMPLETE WITH 24" STEEL CASING	99	LF
11	OPEN CUT AND REPAIR DRIVEWAY	5	EA
12	OPEN CUT LEWIS RANCH RD & MICKESCH LN	80	LF
13	OPEN CUT SMITH RANCH RD & COURNEY FIKES PROPERTY	125	LF
14	TRENCH EXCAVATION SAFETY PROTECTION	17,056	LF
15	HYDROSTATIC TESTING	1	EA
16	CUT IN ANCHOR TEE 16" X 8"	1	EA
17	CUT IN ANCHOR TEE 8" X 8"	1	EA
18	TIE INTO EXISTING 8" WATER MAIN	2	EA
19	TIE INTO EXISTING 16" WATER MAIN	1	EA
20	HORIZONTAL DIRECTIONAL DRILLING (8" HDPE)	1,000	LF
21	TIE INTO EXISTING 12" WATER MAIN	1	EA
22	OPEN CUT BAT CAVE ROAD	66	LF



MATCHLINE 'L' - SEE SHEET C48
MATCHLINE 'M' - THIS SHEET
MATCHLINE 'N' - THIS SHEET

MATCHLINE 'M' - THIS SHEET
MATCHLINE 'N' - THIS SHEET

© 2025 M.W. CUDE ENGINEERS, L.L.C. - THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, L.L.C. AND ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF THIS DOCUMENT WILL BE AT THE USER'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

CONTESSA SUBDIVISION
UNIT 2
OFFSITE STORM WATER POLLUTION PREVENTION PLAN

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TCD
CHECKED BY
XV/AL

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		

STATE OF TEXAS
122170
JAVIER CASTELLO
Professional Engineer
05/07/2026
CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES
SEQUENCE OF INSTALLATION DURING CONSTRUCTION PROCESS:

- STORM WATER MANAGEMENT FACILITIES MUST BE INSTALLED PRIOR TO SITE CONSTRUCTION. SUBD. ORD. 6.01.003
- THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT (ITEM 2) SHALL BE INSTALLED PRIOR TO DISTURBING ANY SOIL EXCEPT AT THE LOCATION OF THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. IT SHALL STAY IN PLACE AND BE MAINTAINED UNTIL THE END OF THE INFRASTRUCTURE CONSTRUCTION
- SILT FENCE (ITEM 4) SHALL BE INSTALLED ALONG THE DOWN-GRADIENT BOUNDARY OF THE SITE PRIOR TO ANY DISTURBANCE OF THE SITE AS SHOWN ON THE SITE PLAN.
- BAGGED GRAVEL INLET FILTERS (ITEM 6) SHALL BE PLACED AROUND ALL INLETS FOLLOWING INSTALLATION.
- ROCK BERMS (ITEM 5) SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROJECT AT NATURAL LOW POINTS FOLLOWING ROUGH GRADING OF THE SITE AND SHALL BE REMOVED ONCE GRADING TO THE ON-SITE STORMWATER DRAINAGE SYSTEM WITH BAGGED GRAVEL INLET FILTERS IN SUMP IS COMPLETE, ROCK BERMS WILL ALSO BE UTILIZED AT THE OUTLET OF THE POND WHILE IT IS BEING CONSTRUCTED.

INSPECTIONS:

DESIGNATED AND QUALIFIED PERSON(S) SHALL INSPECT POLLUTION CONTROL MEASURES EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL. AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAMES AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, DATE OF THE INSPECTION, MAJOR OBSERVATIONS, AND ACTIONS TAKEN AS A RESULT OF THE INSPECTION SHALL BE RECORDED AND MAINTAINED AS PART OF STORM WATER TPDES DATA FOR A PERIOD OF THREE YEARS AFTER THE DATE OF THE INSPECTION. COPY OF THE INSPECTION REPORT FORM IS PROVIDED IN THIS STORM WATER POLLUTION PREVENTION PLAN.

AS A MINIMUM, THE INSPECTOR SHALL OBSERVE: (1) SIGNIFICANT DISTURBED AREAS FOR EVIDENCE OF EROSION, (2) STORAGE AREAS FOR EVIDENCE OF LEAKAGE FROM THE EXPOSED STORED MATERIALS, (3) STRUCTURAL CONTROLS (ROCK BERM OUTLETS, SILT FENCES, DRAINAGE SWALES, ETC.) FOR EVIDENCE OF FAILURE OR EXCESS SILTATION (OVER 6 INCHES DEEP), (4) VEHICLE EXIT POINT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING, (5) VEHICLE STORAGE AREAS FOR SIGNS OF LEAKING EQUIPMENT OR SPILLS, AND (6) CONCRETE TRUCK RISE-OUT PIT FOR SIGNS OF POTENTIAL FAILURE. DEFICIENCIES NOTED DURING THE INSPECTION WILL BE CORRECTED AND DOCUMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT IF PRACTICABLE.

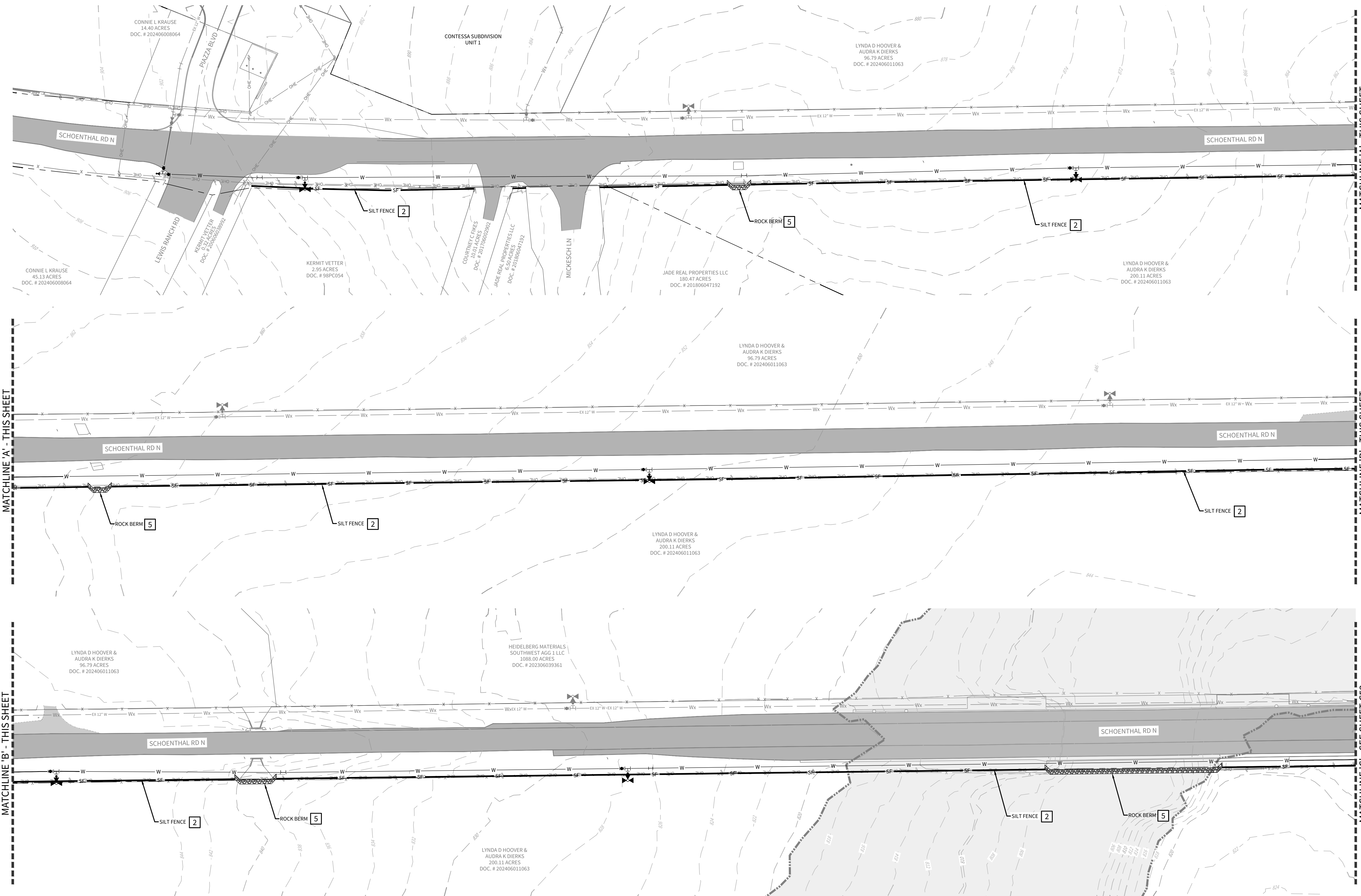
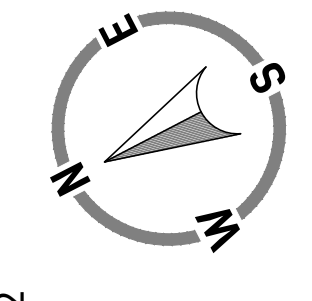
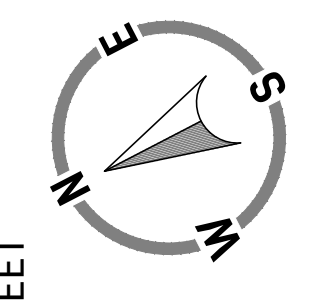
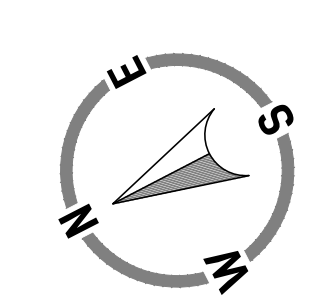
NOTES

- ALL SILT FENCES AND/OR ROCK BERMS AND TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE PLACED AT THE MOST DOWN-GRADIENT POINT OF CONSTRUCTION AS SHOWN ON THIS SITE PLAN. CONTRACTOR SHALL TAKE INTO CONSIDERATION ANY PROPOSED CONSTRUCTION THAT MAY TAKE PLACE AT THESE LOCATIONS. ANY RELOCATION OF THE SILT FENCE, ROCK BERMS AND/OR TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- AREA OF SOIL DISTURBANCES INCLUDE STREET RIGHT-OF-WAYS, EASEMENTS AND LOTS.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
- THE CITY AND/OR COUNTY INSPECTOR HAS THE AUTHORITY TO HAVE THE CONTRACTOR MODIFY THE EROSION CONTROLS AT THE DEVELOPER'S EXPENSE. THE DEVELOPER SHALL BE NOTIFIED OF THESE MODIFICATIONS PRIOR TO COMMENCEMENT OF MODIFICATIONS.

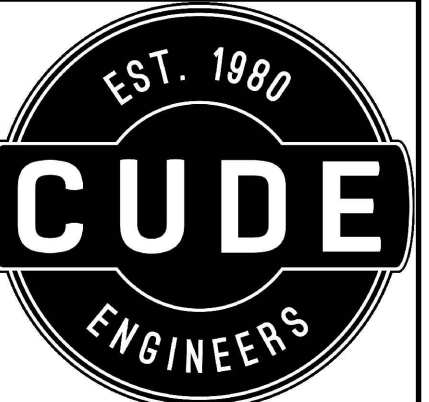
SEE SHEET C56 FOR STORM WATER POLLUTION PREVENTION DETAILS

LEGEND

- EXISTING RIGHT OF WAY
- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED ROCK BERM
- PROPOSED SILT FENCE



2025 N.W. CUDE ENGINEERS, L.L.C. - THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF N.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF, AND ADAPTATION BY, N.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY N.W. CUDE ENGINEERS, L.L.C. AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE GREATEST EXTENT PERMITTED BY LAW. ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF SAID DOCUMENTS WILL BE AT THE INFRINGING PARTY'S SOLE RISK, WITHOUT ANY LIABILITY TO N.W. CUDE ENGINEERS, L.L.C.



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

CONTESSA SUBDIVISION
UNIT 2
OFFSITE STORM WATER POLLUTION PREVENTION PLAN

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TC
CHECKED BY
XV/AL

REVISIONS	DATE	DESCRIPTION
1		
2		
3		
4		
5		
6		
7		
8		
9		

STATE OF TEXAS
122170
JAVIER CASTELLO
Professional Engineer
05/07/2026
CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500

C52

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES
SEQUENCE OF INSTALLATION DURING CONSTRUCTION PROCESS:

- STORM WATER MANAGEMENT FACILITIES MUST BE INSTALLED PRIOR TO SITE CONSTRUCTION. SUBD. ORD. 6.01.003
- THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT (ITEM 2) SHALL BE INSTALLED PRIOR TO DISTURBING ANY SOIL EXCEPT AT THE LOCATION OF THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. IT SHALL STAY IN PLACE AND BE MAINTAINED UNTIL THE END OF THE INFRASTRUCTURE CONSTRUCTION
- SILT FENCE (ITEM 4) SHALL BE INSTALLED ALONG THE DOWN-GRADIENT BOUNDARY OF THE SITE PRIOR TO ANY DISTURBANCE OF THE SITE AS SHOWN ON THE SITE PLAN.
- BAGGED GRAVEL INLET FILTERS (ITEM 6) SHALL BE PLACED AROUND ALL INLETS FOLLOWING INSTALLATION.
- ROCK BERMS (ITEM 5) SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROJECT AT NATURAL LOW POINTS FOLLOWING ROUGH GRADING OF THE SITE AND SHALL BE REMOVED ONCE GRADING TO THE ON-SITE STORMWATER DRAINAGE SYSTEM WITH BAGGED GRAVEL INLET FILTERS IN SUMP IS COMPLETE, ROCK BERMS WILL ALSO BE UTILIZED AT THE OUTLET OF THE POND WHILE IT IS BEING CONSTRUCTED.

INSPECTIONS:

DESIGNATED AND QUALIFIED PERSON(S) SHALL INSPECT POLLUTION CONTROL MEASURES EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL. AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAMES AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, DATE OF THE INSPECTION, MAJOR OBSERVATIONS, AND ACTIONS TAKEN AS A RESULT OF THE INSPECTION SHALL BE RECORDED AND MAINTAINED AS PART OF STORM WATER TPDES DATA FOR A PERIOD OF THREE YEARS AFTER THE DATE OF THE INSPECTION. COPY OF THE INSPECTION REPORT FORM IS PROVIDED IN THIS STORM WATER POLLUTION PREVENTION PLAN.

AS A MINIMUM, THE INSPECTOR SHALL OBSERVE: (1) SIGNIFICANT DISTURBED AREAS FOR EVIDENCE OF EROSION, (2) STORAGE AREAS FOR EVIDENCE OF LEAKAGE FROM THE EXPOSED STORED MATERIALS, (3) STRUCTURAL CONTROLS (ROCK BERM OUTLETS, SILT FENCES, DRAINAGE SWALES, ETC.) FOR EVIDENCE OF FAILURE OR EXCESS SILTATION (OVER 6 INCHES DEEP), (4) VEHICLE EXIT POINT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING, (5) VEHICLE STORAGE AREAS FOR SIGNS OF LEAKING EQUIPMENT OR SPILLS, AND (6) CONCRETE TRUCK RINSE-OUT PIT FOR SIGNS OF POTENTIAL FAILURE. DEFICIENCIES NOTED DURING THE INSPECTION WILL BE CORRECTED AND DOCUMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT IF PRACTICABLE.

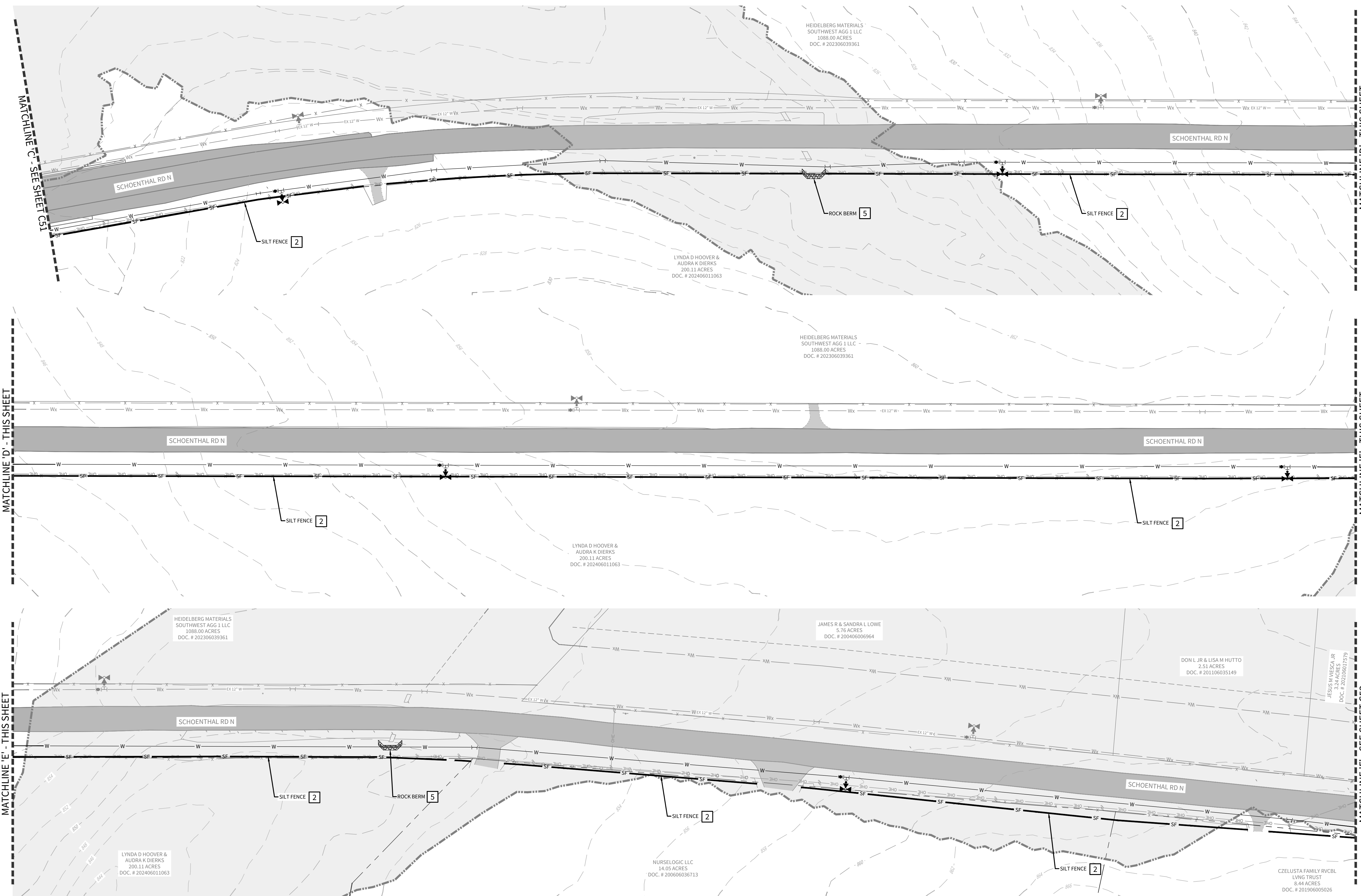
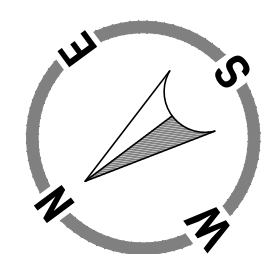
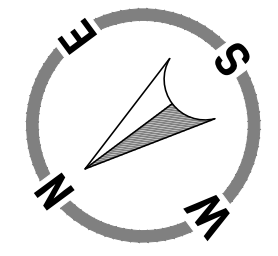
NOTES

- ALL SILT FENCES AND/OR ROCK BERMS AND TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE PLACED AT THE MOST DOWN-GRADIENT POINT OF CONSTRUCTION AS SHOWN ON THIS SITE PLAN. CONTRACTOR SHALL TAKE INTO CONSIDERATION ANY PROPOSED CONSTRUCTION THAT MAY TAKE PLACE AT THESE LOCATIONS. ANY RELOCATION OF THE SILT FENCE, ROCK BERMS AND/OR TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- AREA OF SOIL DISTURBANCES INCLUDE STREET RIGHT-OF-WAYS, EASEMENTS AND LOTS.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
- THE CITY AND/OR COUNTY INSPECTOR HAS THE AUTHORITY TO HAVE THE CONTRACTOR MODIFY THE EROSION CONTROLS AT THE DEVELOPER'S EXPENSE. THE DEVELOPER SHALL BE NOTIFIED OF THESE MODIFICATIONS PRIOR TO COMMENCEMENT OF MODIFICATIONS.

SEE SHEET C56 FOR STORM WATER POLLUTION PREVENTION DETAILS

LEGEND

- EXISTING RIGHT OF WAY
- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED ROCK BERM
- PROPOSED SILT FENCE



© 2025 A.W. CUDE ENGINEERS, LLC. THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF A.W. CUDE ENGINEERS, LLC. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF, AND ADAPTATION BY, A.W. CUDE ENGINEERS, LLC. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY A.W. CUDE ENGINEERS, LLC AND ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF SAID DOCUMENTS WILL BE AT THE INFRINGING PARTY'S SOLE RISK, WITHOUT ANY LIABILITY TO A.W. CUDE ENGINEERS, LLC, AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE GREATEST EXTENT PERMITTED BY LAW.

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES
SEQUENCE OF INSTALLATION DURING CONSTRUCTION PROCESS:

1. STORM WATER MANAGEMENT FACILITIES MUST BE INSTALLED PRIOR TO SITE CONSTRUCTION. SUBD. ORD. 6.01.003
2. THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT (ITEM 2) SHALL BE INSTALLED PRIOR TO DISTURBING ANY SOIL EXCEPT AT THE LOCATION OF THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. IT SHALL STAY IN PLACE AND BE MAINTAINED UNTIL THE END OF THE INFRASTRUCTURE CONSTRUCTION
3. SILT FENCE (ITEM 4) SHALL BE INSTALLED ALONG THE DOWN-GRADIENT BOUNDARY OF THE SITE PRIOR TO ANY DISTURBANCE OF THE SITE AS SHOWN ON THE SITE PLAN.
4. BAGGED GRAVEL INLET FILTERS (ITEM 6) SHALL BE PLACED AROUND ALL INLETS FOLLOWING INSTALLATION.
5. ROCK BERMS (ITEM 5) SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROJECT AT NATURAL LOW POINTS FOLLOWING ROUGH GRADING OF THE SITE AND SHALL BE REMOVED ONCE GRADING TO THE ON-SITE STORMWATER DRAINAGE SYSTEM WITH BAGGED GRAVEL INLET FILTERS IN SUMP IS COMPLETE, ROCK BERMS WILL ALSO BE UTILIZED AT THE OUTLET OF THE POND WHILE IT IS BEING CONSTRUCTED.

INSPECTIONS:

DESIGNATED AND QUALIFIED PERSON(S) SHALL INSPECT POLLUTION CONTROL MEASURES EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL. AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAMES AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, DATE OF THE INSPECTION, MAJOR OBSERVATIONS, AND ACTIONS TAKEN AS A RESULT OF THE INSPECTION SHALL BE RECORDED AND MAINTAINED AS PART OF STORM WATER TPDES DATA FOR A PERIOD OF THREE YEARS AFTER THE DATE OF THE INSPECTION. COPY OF THE INSPECTION REPORT FORM IS PROVIDED IN THIS STORM WATER POLLUTION PREVENTION PLAN.

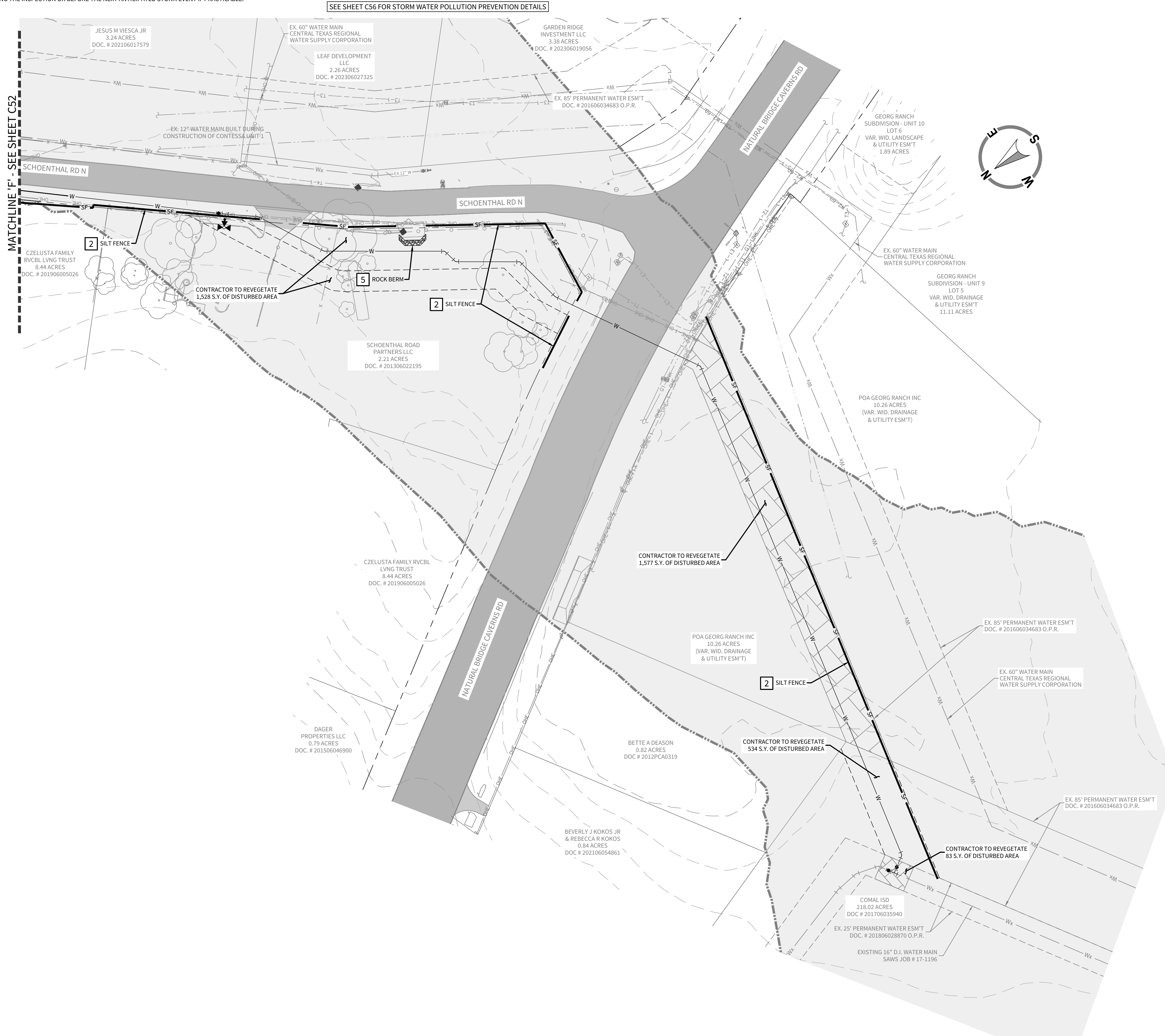
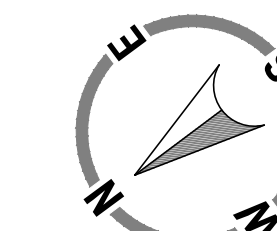
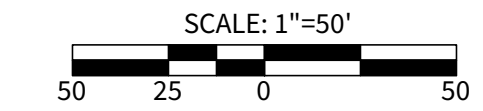
AS A MINIMUM, THE INSPECTOR SHALL OBSERVE: (1) SIGNIFICANT DISTURBED AREAS FOR EVIDENCE OF EROSION, (2) STORAGE AREAS FOR EVIDENCE OF LEAKAGE FROM THE EXPOSED STORED MATERIALS, (3) STRUCTURAL CONTROLS (ROCK BERM OUTLETS, SILT FENCES, DRAINAGE SWALES, ETC.) FOR EVIDENCE OF FAILURE OR EXCESS SILTATION (OVER 6 INCHES DEEP), (4) VEHICLE EXIT POINT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING, (5) VEHICLE STORAGE AREAS FOR SIGNS OF LEAKING EQUIPMENT OR SPILLS, AND (6) CONCRETE TRUCK RINSE-OUT PIT FOR SIGNS OF POTENTIAL FAILURE. DEFICIENCIES NOTED DURING THE INSPECTION WILL BE CORRECTED AND DOCUMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT IF PRACTICABLE.

NOTES

1. ALL SILT FENCES AND/OR ROCK BERMS AND TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE PLACED AT THE MOST DOWN-GRADIENT POINT OF CONSTRUCTION AS SHOWN ON THIS SITE PLAN. CONTRACTOR SHALL TAKE INTO CONSIDERATION ANY PROPOSED CONSTRUCTION THAT MAY TAKE PLACE AT THESE LOCATIONS. ANY RELOCATION OF THE SILT FENCE, ROCK BERMS AND/OR TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE AT THE CONTRACTOR'S EXPENSE.
2. AREA OF SOIL DISTURBANCES INCLUDE STREET RIGHT-OF-WAYS, EASEMENTS AND LOTS.
3. THE CONTRACTOR IS REQUIRED TO MAINTAIN EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
4. THE CITY AND/OR COUNTY INSPECTOR HAS THE AUTHORITY TO HAVE THE CONTRACTOR MODIFY THE EROSION CONTROLS AT THE DEVELOPER'S EXPENSE. THE DEVELOPER SHALL BE NOTIFIED OF THESE MODIFICATIONS PRIOR TO COMMENCEMENT OF MODIFICATIONS.

LEGEND

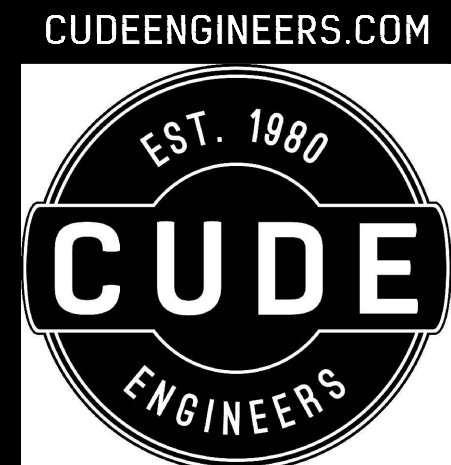
- EXISTING RIGHT OF WAY
- EXISTING 2' CONTOUR
- EXISTING 10' CONTOUR
- PROPOSED ROCK BERM
- PROPOSED SILT FENCE



SEE SHEET C56 FOR STORM WATER POLLUTION PREVENTION DETAILS

MATCHLINE 'F' - SEE SHEET C52

© 2025 M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT, ADAPTATION, OR MODIFICATION. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, LLC AND ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF THIS DOCUMENT WILL BE AT THE REPRODUCER'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, LLC, AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

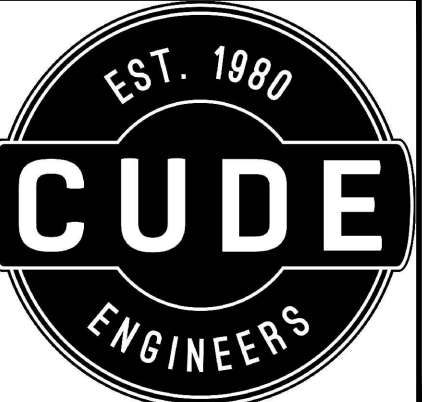
CONTESSA SUBDIVISION
UNIT 2
OFFSITE STORM WATER POLLUTION PREVENTION PLAN

DATE	05/07/2026
PROJECT NO.	04343.005
DRAWN BY	CG/JG/LJ/TCD
CHECKED BY	XV/JAL

REVISIONS	DATE
1	
2	
3	
4	
5	
6	
7	
8	
9	

STATE OF TEXAS
122170
JAVIER CASTELLO
Professional Engineer
05/07/2026
CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500

C53
CUDEENGINEERS.COM



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

CONTESSA SUBDIVISION
UNIT 2
OFFSITE STORM WATER POLLUTION PREVENTION PLAN

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TC
CHECKED BY
XV/AL

DATE	REVISIONS
1	
2	
3	
4	
5	
6	
7	
8	
9	

STATE OF TEXAS
JAVIER CASTELLO
122170
Professional Engineer
05/07/2026
CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500

C54

TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES
SEQUENCE OF INSTALLATION DURING CONSTRUCTION PROCESS:

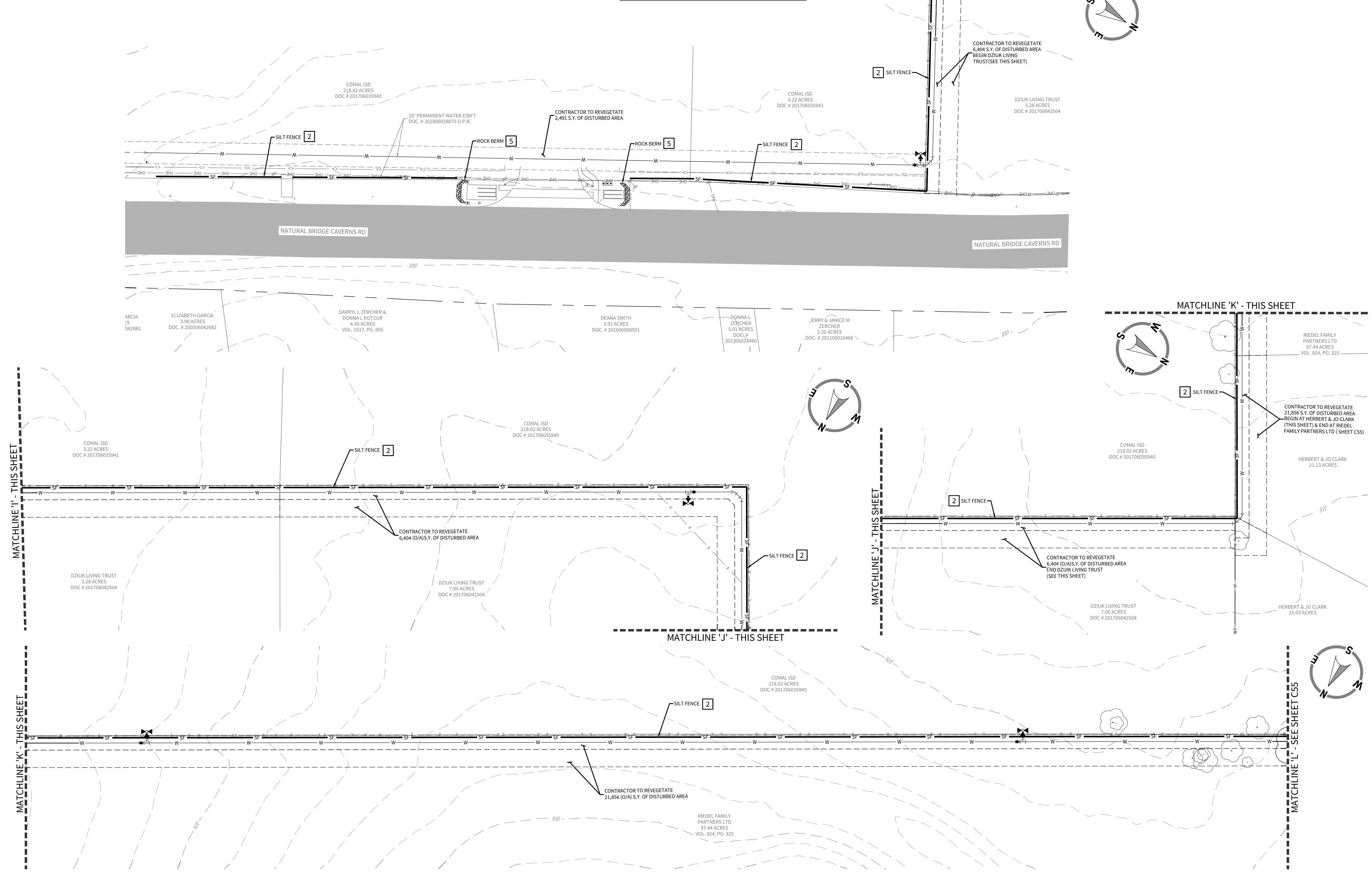
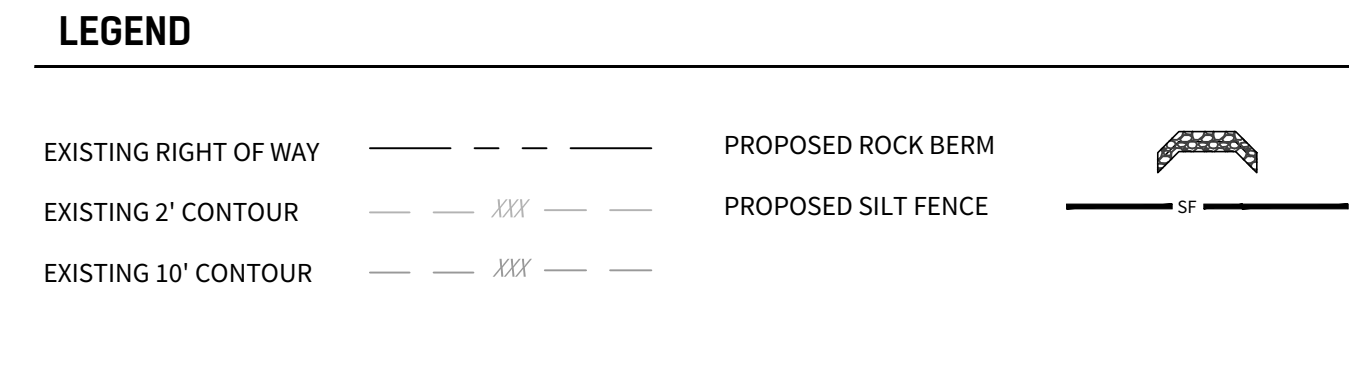
- STORM WATER MANAGEMENT FACILITIES MUST BE INSTALLED PRIOR TO SITE CONSTRUCTION. SUBD. ORD. 6.01.003
- THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT (ITEM 2) SHALL BE INSTALLED PRIOR TO DISTURBING ANY SOIL EXCEPT AT THE LOCATION OF THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. IT SHALL STAY IN PLACE AND BE MAINTAINED UNTIL THE END OF THE INFRASTRUCTURE CONSTRUCTION
- SILT FENCE (ITEM 4) SHALL BE INSTALLED ALONG THE DOWN-GRADIENT BOUNDARY OF THE SITE PRIOR TO ANY DISTURBANCE OF THE SITE AS SHOWN ON THE SITE PLAN.
- BAGGED GRAVEL INLET FILTERS (ITEM 6) SHALL BE PLACED AROUND ALL INLETS FOLLOWING INSTALLATION.
- ROCK BERMS (ITEM 5) SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROJECT AT NATURAL LOW POINTS FOLLOWING ROUGH GRADING OF THE SITE AND SHALL BE REMOVED ONCE GRADING TO THE ON-SITE STORMWATER DRAINAGE SYSTEM WITH BAGGED GRAVEL INLET FILTERS IN SUMP IS COMPLETE, ROCK BERMS WILL ALSO BE UTILIZED AT THE OUTLET OF THE POND WHILE IT IS BEING CONSTRUCTED.

INSPECTIONS:
DESIGNATED AND QUALIFIED PERSON(S) SHALL INSPECT POLLUTION CONTROL MEASURES EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL. AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAMES AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, DATE OF THE INSPECTION, MAJOR OBSERVATIONS, AND ACTIONS TAKEN AS A RESULT OF THE INSPECTION SHALL BE RECORDED AND MAINTAINED AS PART OF STORM WATER TYPES DATA FOR A PERIOD OF THREE YEARS AFTER THE DATE OF THE INSPECTION. COPY OF THE INSPECTION REPORT FORM IS PROVIDED IN THIS STORM WATER POLLUTION PREVENTION PLAN.

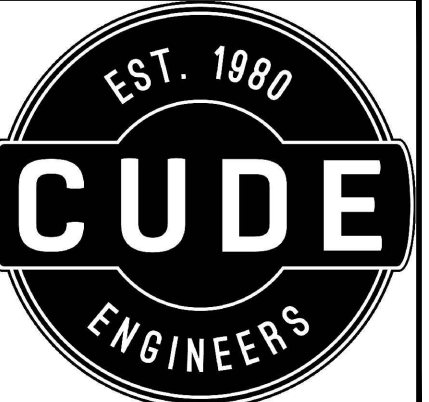
AS A MINIMUM, THE INSPECTOR SHALL OBSERVE: (1) SIGNIFICANT DISTURBED AREAS FOR EVIDENCE OF EROSION, (2) STORAGE AREAS FOR EVIDENCE OF LEAKAGE FROM THE EXPOSED STORED MATERIALS, (3) STRUCTURAL CONTROLS (ROCK BERM OUTLETS, SILT FENCES, DRAINAGE SWALES, ETC.) FOR EVIDENCE OF FAILURE OR EXCESS SILTATION (OVER 6 INCHES DEEP), (4) VEHICLE EXIT POINT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING, (5) VEHICLE STORAGE AREAS FOR SIGNS OF LEAKING EQUIPMENT OR SPILLS, AND (6) CONCRETE TRUCK RINSE-OUT PIT FOR SIGNS OF POTENTIAL FAILURE. DEFICIENCIES NOTED DURING THE INSPECTION WILL BE CORRECTED AND DOCUMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT IF PRACTICABLE.

NOTES

- ALL SILT FENCES AND/OR ROCK BERMS AND TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE PLACED AT THE MOST DOWN-GRADIENT POINT OF CONSTRUCTION AS SHOWN ON THIS SITE PLAN. CONTRACTOR SHALL TAKE INTO CONSIDERATION ANY PROPOSED CONSTRUCTION THAT MAY TAKE PLACE AT THESE LOCATIONS. ANY RELOCATION OF THE SILT FENCE, ROCK BERMS AND/OR TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- AREA OF SOIL DISTURBANCES INCLUDE STREET RIGHT-OF-WAYS, EASEMENTS AND LOTS.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
- THE CITY AND/OR COUNTY INSPECTOR HAS THE AUTHORITY TO HAVE THE CONTRACTOR MODIFY THE EROSION CONTROLS AT THE DEVELOPER'S EXPENSE. THE DEVELOPER SHALL BE NOTIFIED OF THESE MODIFICATIONS PRIOR TO COMMENCEMENT OF MODIFICATIONS.



© 2025 M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, LLC AND ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF SAID DOCUMENTS WILL BE AT THE INFRINGING PARTY'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, LLC, AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.



4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

CONTESSA SUBDIVISION
UNIT 2
OFFSITE STORM WATER POLLUTION PREVENTION PLAN

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TC/D
CHECKED BY
XV/AL

DATE	REVISIONS
1	
2	
3	
4	
5	
6	
7	
8	
9	

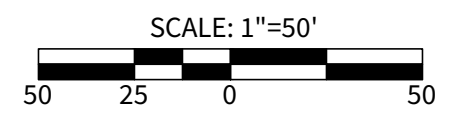
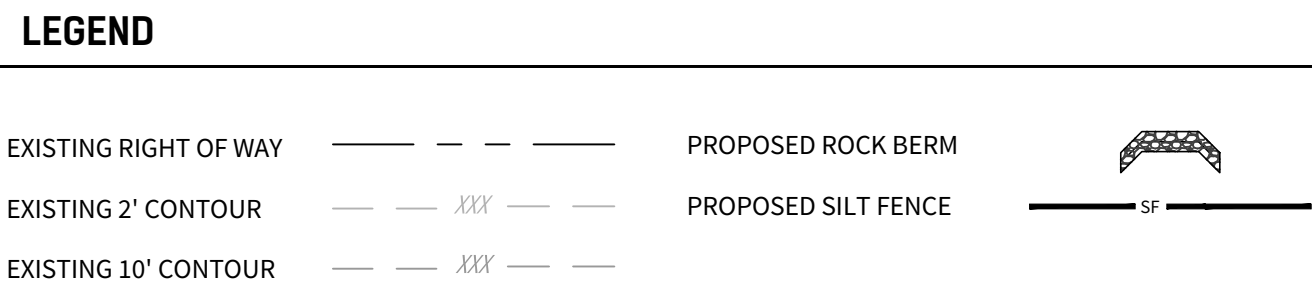
STATE OF TEXAS
JAVIER CASTELLO
122170
Professional Engineer
05/07/2026
CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500

- TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES**
SEQUENCE OF INSTALLATION DURING CONSTRUCTION PROCESS:
- STORM WATER MANAGEMENT FACILITIES MUST BE INSTALLED PRIOR TO SITE CONSTRUCTION. SUBD. ORD. 6.01.003
 - THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT (ITEM 2) SHALL BE INSTALLED PRIOR TO DISTURBING ANY SOIL EXCEPT AT THE LOCATION OF THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. IT SHALL STAY IN PLACE AND BE MAINTAINED UNTIL THE END OF THE INFRASTRUCTURE CONSTRUCTION
 - SILT FENCE (ITEM 4) SHALL BE INSTALLED ALONG THE DOWN-GRADIENT BOUNDARY OF THE SITE PRIOR TO ANY DISTURBANCE OF THE SITE AS SHOWN ON THE SITE PLAN.
 - BAGGED GRAVEL INLET FILTERS (ITEM 6) SHALL BE PLACED AROUND ALL INLETS FOLLOWING INSTALLATION.
 - ROCK BERMS (ITEM 5) SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROJECT AT NATURAL LOW POINTS FOLLOWING ROUGH GRADING OF THE SITE AND SHALL BE REMOVED ONCE GRADING TO THE ON-SITE STORMWATER DRAINAGE SYSTEM WITH BAGGED GRAVEL INLET FILTERS IN SUMP IS COMPLETE, ROCK BERMS WILL ALSO BE UTILIZED AT THE OUTLET OF THE POND WHILE IT IS BEING CONSTRUCTED.

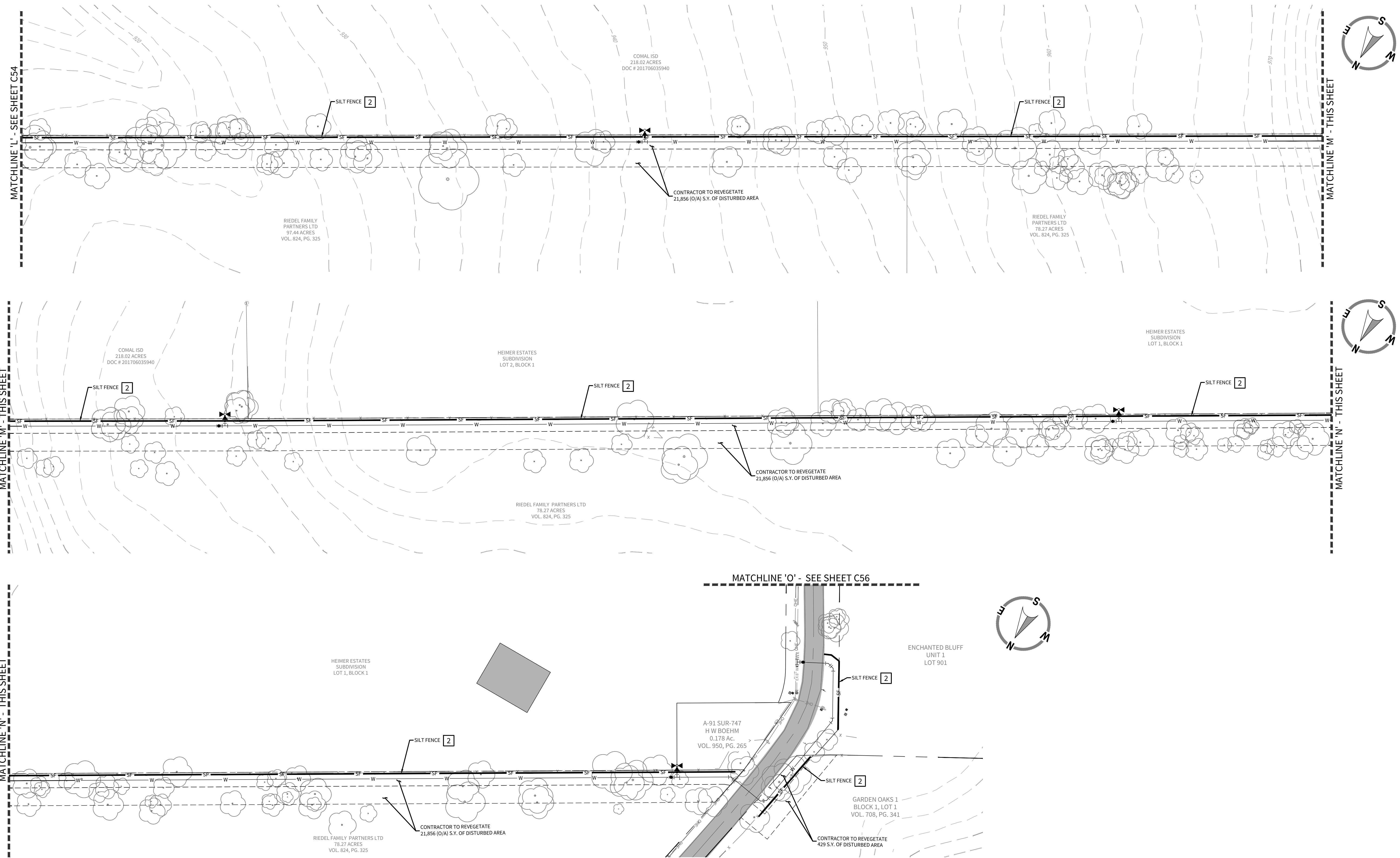
INSPECTIONS:
DESIGNATED AND QUALIFIED PERSON(S) SHALL INSPECT POLLUTION CONTROL MEASURES EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL. AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAMES AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, DATE OF THE INSPECTION, MAJOR OBSERVATIONS, AND ACTIONS TAKEN AS A RESULT OF THE INSPECTION SHALL BE RECORDED AND MAINTAINED AS PART OF STORM WATER TPDES DATA FOR A PERIOD OF THREE YEARS AFTER THE DATE OF THE INSPECTION. COPY OF THE INSPECTION REPORT FORM IS PROVIDED IN THIS STORM WATER POLLUTION PREVENTION PLAN.

AS A MINIMUM, THE INSPECTOR SHALL OBSERVE: (1) SIGNIFICANT DISTURBED AREAS FOR EVIDENCE OF EROSION, (2) STORAGE AREAS FOR EVIDENCE OF LEAKAGE FROM THE EXPOSED STORED MATERIALS, (3) STRUCTURAL CONTROLS (ROCK BERM OUTLETS, SILT FENCES, DRAINAGE SWALES, ETC.) FOR EVIDENCE OF FAILURE OR EXCESS SILTATION (OVER 6 SIGNS DEEP), (4) VEHICLE EXIT POINT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING, (5) VEHICLE STORAGE AREAS FOR SIGNS OF LEAKING EQUIPMENT OR SPILLS, AND (6) CONCRETE TRUCK RINSE-OUT PIT FOR SIGNS OF POTENTIAL FAILURE. DEFICIENCIES NOTED DURING THE INSPECTION WILL BE CORRECTED AND DOCUMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT IF PRACTICABLE.

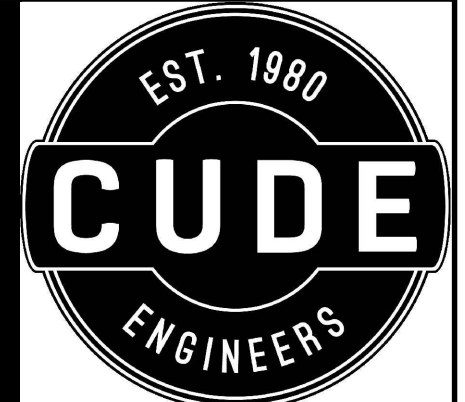
- NOTES**
- ALL SILT FENCES AND/OR ROCK BERMS AND TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE PLACED AT THE MOST DOWN-GRADIENT POINT OF CONSTRUCTION AS SHOWN ON THIS SITE PLAN. CONTRACTOR SHALL TAKE INTO CONSIDERATION ANY PROPOSED CONSTRUCTION THAT MAY TAKE PLACE AT THESE LOCATIONS. ANY RELOCATION OF THE SILT FENCE, ROCK BERMS AND/OR TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE AT THE CONTRACTOR'S EXPENSE.
 - AREA OF SOIL DISTURBANCES INCLUDE STREET RIGHT-OF-WAYS, EASEMENTS AND LOTS.
 - THE CONTRACTOR IS REQUIRED TO MAINTAIN EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
 - THE CITY AND/OR COUNTY INSPECTOR HAS THE AUTHORITY TO HAVE THE CONTRACTOR MODIFY THE EROSION CONTROLS AT THE DEVELOPER'S EXPENSE. THE DEVELOPER SHALL BE NOTIFIED OF THESE MODIFICATIONS PRIOR TO COMMENCEMENT OF MODIFICATIONS.



SEE SHEET C56 FOR STORM WATER POLLUTION PREVENTION DETAILS



© 2025 M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF M.W. CUDE ENGINEERS, LLC. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, LLC AND ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF THIS DOCUMENT WILL BE AT THE REPRODUCER'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, LLC, AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.

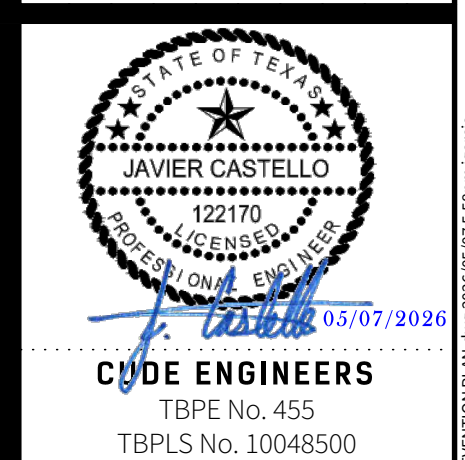


4122 Pond Hill Road, Suite 101
San Antonio, Texas 78231
P: (210) 681.2951 F: (210) 523.7112

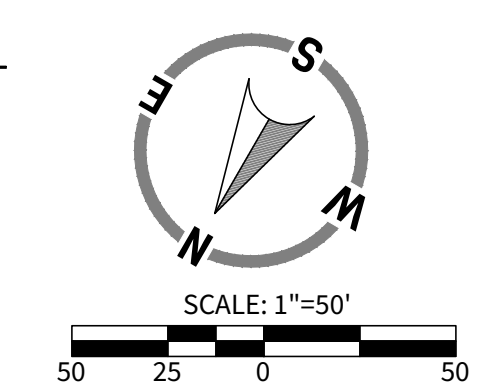
CONTESSA SUBDIVISION
UNIT 2
OFFSITE STORM WATER POLLUTION PREVENTION PLAN

DATE
05/07/2026
PROJECT NO.
04343.005
DRAWN BY
CG/JG/LJ/TCD
CHECKED BY
XV/AL

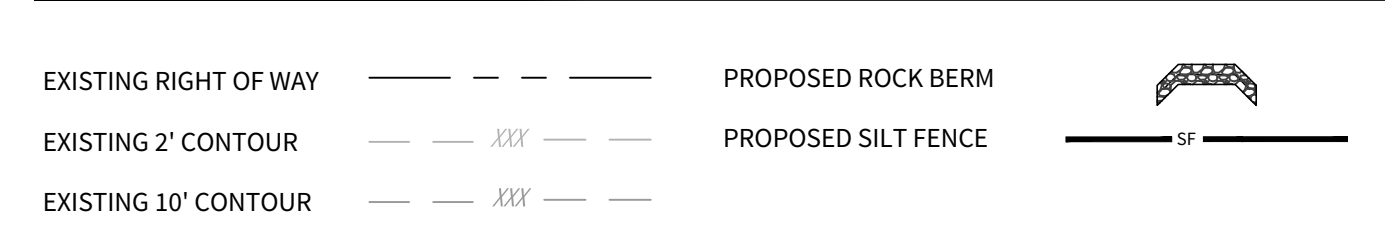
Table with 2 columns: REVISIONS, DATE. Contains revision markers 1 through 6.



CUDE ENGINEERS
TBPE No. 455
TBPLS No. 10048500
C56



LEGEND



NOTES

- 1. ALL SILT FENCES AND/OR ROCK BERMS AND TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE PLACED AT THE MOST DOWN-GRADIENT POINT OF CONSTRUCTION AS SHOWN ON THIS SITE PLAN. CONTRACTOR SHALL TAKE INTO CONSIDERATION ANY PROPOSED CONSTRUCTION THAT MAY TAKE PLACE AT THESE LOCATIONS. ANY RELOCATION OF THE SILT FENCE, ROCK BERMS AND/OR TEMPORARY CONSTRUCTION ENTRANCES/EXITS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 2. AREA OF SOIL DISTURBANCES INCLUDE STREET RIGHT-OF-WAYS, EASEMENTS AND LOTS.
- 3. THE CONTRACTOR IS REQUIRED TO MAINTAIN EROSION CONTROLS THROUGHOUT THE DURATION OF THE PROJECT.
- 4. THE CITY AND/OR COUNTY INSPECTOR HAS THE AUTHORITY TO HAVE THE CONTRACTOR MODIFY THE EROSION CONTROLS AT THE DEVELOPER'S EXPENSE. THE DEVELOPER SHALL BE NOTIFIED OF THESE MODIFICATIONS PRIOR TO COMMENCEMENT OF MODIFICATIONS.

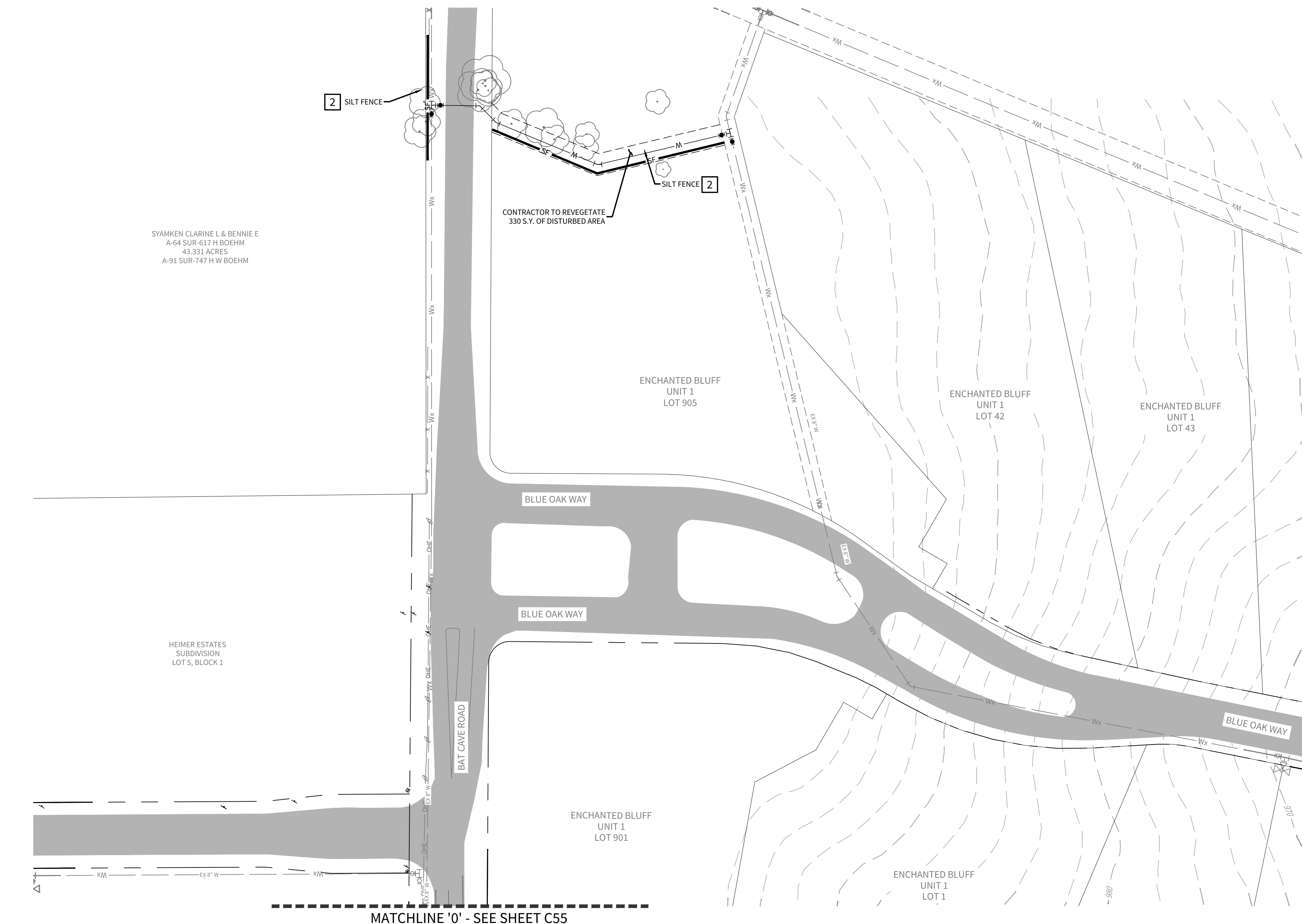
INSPECTIONS:

DESIGNATED AND QUALIFIED PERSON(S) SHALL INSPECT POLLUTION CONTROL MEASURES EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER A STORM EVENT GREATER THAN 0.5 INCHES OF RAINFALL. AN INSPECTION REPORT THAT SUMMARIZES THE SCOPE OF THE INSPECTION, NAMES AND QUALIFICATIONS OF PERSONNEL CONDUCTING THE INSPECTION, DATE OF THE INSPECTION, MAJOR OBSERVATIONS, AND ACTIONS TAKEN AS A RESULT OF THE INSPECTION SHALL BE RECORDED AND MAINTAINED AS PART OF STORM WATER TPDES DATA FOR A PERIOD OF THREE YEARS AFTER THE DATE OF THE INSPECTION. COPY OF THE INSPECTION REPORT FORM IS PROVIDED IN THIS STORM WATER POLLUTION PREVENTION PLAN.

AS A MINIMUM, THE INSPECTOR SHALL OBSERVE: (1) SIGNIFICANT DISTURBED AREAS FOR EVIDENCE OF EROSION, (2) STORAGE AREAS FOR EVIDENCE OF LEAKAGE FROM THE EXPOSED STORED MATERIALS, (3) STRUCTURAL CONTROLS (ROCK BERM OUTLETS, SILT FENCES, DRAINAGE SWALES, ETC.) FOR EVIDENCE OF FAILURE OR EXCESS SILTATION (OVER 6 INCHES DEEP), (4) VEHICLE EXIT POINT FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING, (5) VEHICLE STORAGE AREAS FOR SIGNS OF LEAKING EQUIPMENT OR SPILLS, AND (6) CONCRETE TRUCK RINSE-OUT PIT FOR SIGNS OF POTENTIAL FAILURE. DEFICIENCIES NOTED DURING THE INSPECTION WILL BE CORRECTED AND DOCUMENTED WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING THE INSPECTION OR BEFORE THE NEXT ANTICIPATED STORM EVENT IF PRACTICABLE.

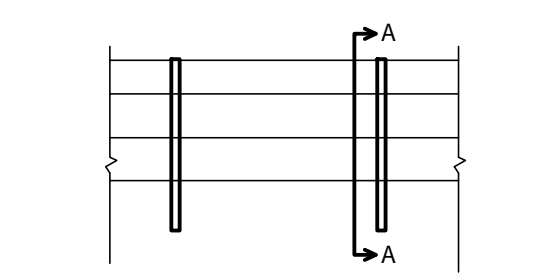
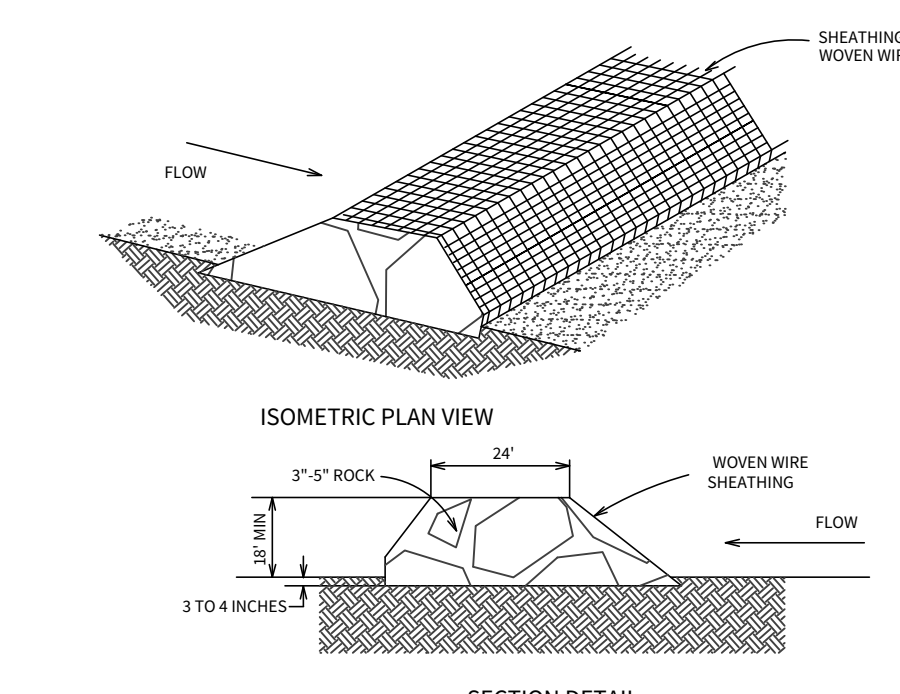
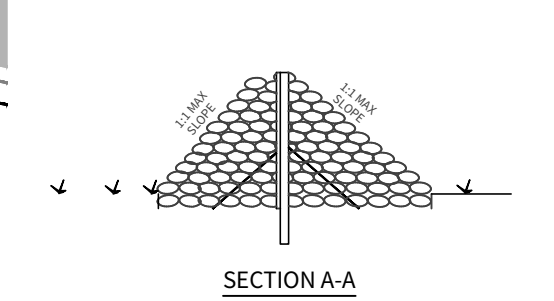
TEMPORARY BEST MANAGEMENT PRACTICES AND MEASURES
SEQUENCE OF INSTALLATION DURING CONSTRUCTION PROCESS:

- 1. STORM WATER MANAGEMENT FACILITIES MUST BE INSTALLED PRIOR TO SITE CONSTRUCTION. SUBD. ORD. 6.01.003
- 2. THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT (ITEM 2) SHALL BE INSTALLED PRIOR TO DISTURBING ANY SOIL EXCEPT AT THE LOCATION OF THE TEMPORARY CONSTRUCTION ENTRANCE/EXIT. IT SHALL STAY IN PLACE AND BE MAINTAINED UNTIL THE END OF THE INFRASTRUCTURE CONSTRUCTION
- 3. SILT FENCE (ITEM 4) SHALL BE INSTALLED ALONG THE DOWN-GRADIENT BOUNDARY OF THE SITE PRIOR TO ANY DISTURBANCE OF THE SITE AS SHOWN ON THE SITE PLAN.
- 4. BAGGED GRAVEL INLET FILTERS (ITEM 6) SHALL BE PLACED AROUND ALL INLETS FOLLOWING INSTALLATION.
- 5. ROCK BERMS (ITEM 5) SHALL BE INSTALLED AROUND THE PERIMETER OF THE PROJECT AT NATURAL LOW POINTS FOLLOWING ROUGH GRADING OF THE SITE AND SHALL BE REMOVED ONCE GRADING TO THE ON-SITE STORMWATER DRAINAGE SYSTEM WITH BAGGED GRAVEL INLET FILTERS IN SUMP IS COMPLETE, ROCK BERMS WILL ALSO BE UTILIZED AT THE OUTLET OF THE POND WHILE IT IS BEING CONSTRUCTED.

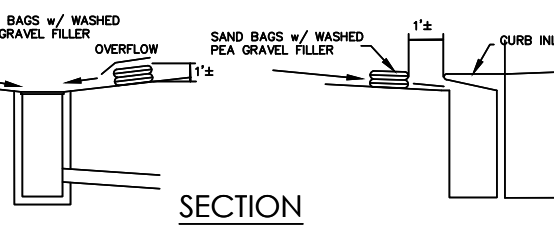
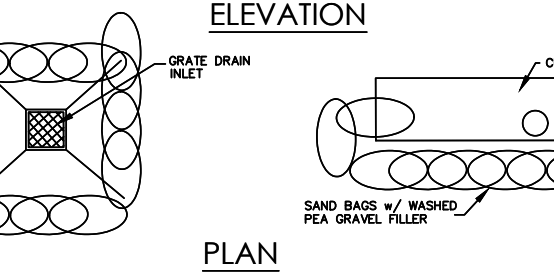
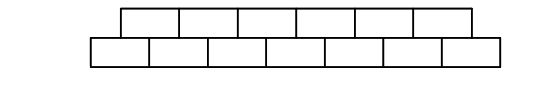


SYAMKEN CLARINE L & BENNIE E
A-64 SUR-617 H BOEHM
43.331 ACRES
A-91 SUR-747 H W BOEHM

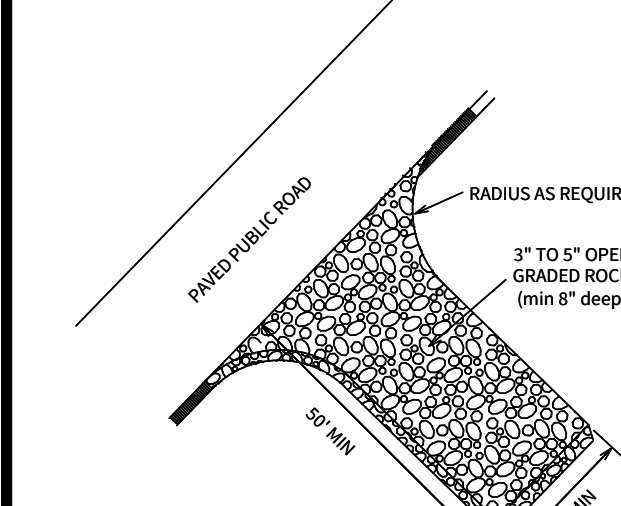
HEIMER ESTATES
SUBDIVISION
LOT 5, BLOCK 1



5 ROCK BERM W/ SILT FENCE DETAIL
N.T.S.

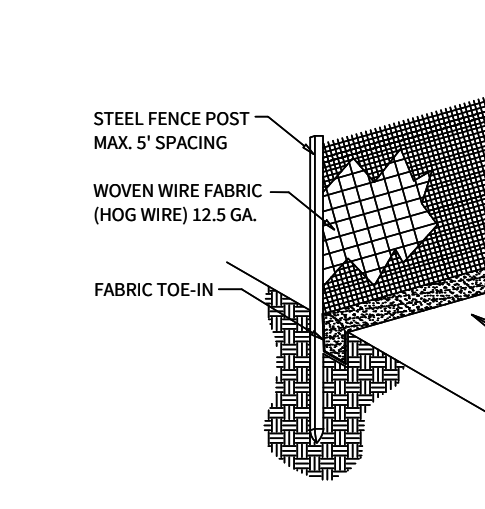


6 BAGGED GRAVEL INLET FILTER NOTES
N.T.S.

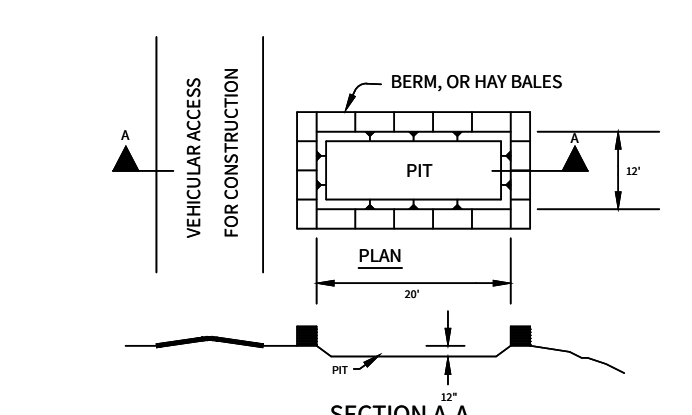
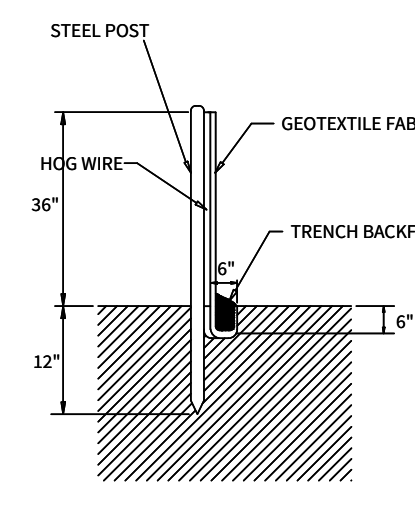


- STABILIZED CONSTRUCTION EXIT NOTES:
- 1. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ON PUBLIC ROADWAY.
 - 2. THE EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND, AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR TRACKED ONTO PUBLIC ROADWAYS MUST BE REMOVED IMMEDIATELY.

1 TEMPORARY CONSTRUCTION ENTRANCE/EXIT
N.T.S.

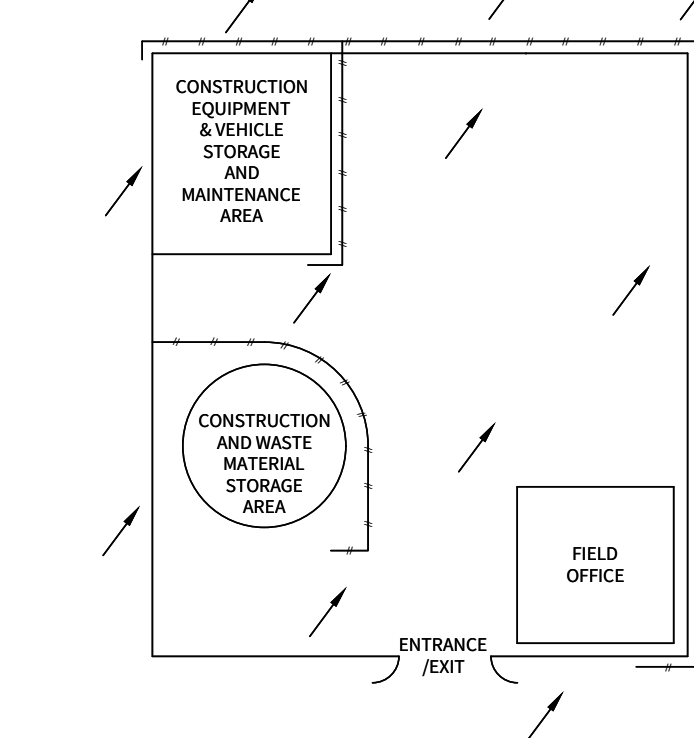


2 STANDARD SILT FENCE
N.T.S.

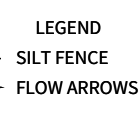


- GENERAL NOTES:
- Detail above illustrates minimum dimensions. Pit can be increased in size depending on expected frequency of use, construction traffic.
 - If hay bales are used, they shall be placed in accordance with details shown on exhibit for hay bales.
- Washout pit shall be located in an area easily accessible to
- Washout pit shall not be located in areas subject to inundation from storm water runoff.
 - Washout pit shall be lined with a 10-mil thick polyethylene sheeting free of holes, tears and other defects.

3 CONCRETE TRUCK WASHOUT PIT
N.T.S.



4 TYP. CONSTRUCTION STAGING AREA
N.T.S.



© 2025 M.W. CUDE ENGINEERS, L.L.C. - THIS DOCUMENT, ANY PORTION THEREOF, AND ANY ASSOCIATED COPYRIGHTS SHALL REMAIN THE PROPERTY OF M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT MAY NOT BE REPRODUCED, USED, OR DISTRIBUTED IN ANY FORM OR BY ANY MEANS TO ANYONE FOR ANY OTHER ENDORSEMENT WITHOUT THE PRIOR WRITTEN CONSENT OF, AND ADAPTATION BY, M.W. CUDE ENGINEERS, L.L.C. THIS DOCUMENT IS NOT INTENDED OR REPRESENTED TO BE SUITABLE FOR USE OTHER THAN AS ORIGINALLY INTENDED BY M.W. CUDE ENGINEERS, L.L.C. AND ANY UNAUTHORIZED REPRODUCTION, USE OR DISTRIBUTION OF THIS DOCUMENT WILL BE AT THE INFRINGING PARTY'S SOLE RISK, WITHOUT ANY LIABILITY TO M.W. CUDE ENGINEERS, L.L.C., AND WILL BE USED AGAINST ANY AND ALL PARTIES TO THE FULLEST EXTENT PERMITTED BY LAW.