

REVIEW BY FORT BEND COUNTY COMMISSIONERS COURT

On this 26th day of January, 2016, Commissioners Court came on to be heard and reviewed the accompanying notice of EISG Inc

Job Location Harlem Rd and Lakehead Lane, Richmond, TX 77407

Date 1/8/2016 Bond No. 4402430, Permit No. 2016-4905 to make use of certain Fort Bend County property subject to, "A Revised Order Regulating the Laying, Construction, Maintenance, and Repair of Buried Cables, Conduits, and Pole Lines, In, Under, Across or Along Roads, Streets, Highways, and Drainage Ditches in Fort Bend County, Texas, Under the Jurisdiction of the Commissioners Court of Fort Bend County, Texas," as passed by the Commissioners Court of Fort Bend County, Texas the 3rd day of August, 1987, recorded in Volume _____ of the Minutes of the Commissioners Court of Fort Bend County, Texas, to the extent that such order is not inconsistent with Article 1436a, Vernon's Texas Civil Statutes. Upon Motion of Commissioner _____, seconded by Commissioner _____, duly put and carried, it is ORDERED, ADJUDGED AND

DECREED that said notice of said above purpose is hereby acknowledged by the Commissioners Court of Fort Bend County, Texas, and that said notice be placed on record according to the regulation order thereof.

Notes:

1. Evidence of review by the Commissioners Court must be kept on the job site and failure to do so constitutes grounds for job shutdown.
2. Written notices are required:
 - a. 48 hours in advance of construction start up, and
 - b. when construction is completed and ready for final inspectionMail notices to: Permit Administrator
Fort Bend County Engineering
301 Jackson Street
Richmond, Texas 77469
281-633-7500
3. This permit expires one (1) year from date of permit if construction has not commenced.

By: _____

County Engineer

Presented to Commissioners Court and approved.

Recorded in Volume _____

Minutes of Commissioners Court

By: Mark Vogler

Drainage District Engineer/Manager

Clerk of Commissioners Court

By: _____

Deputy

Engineering Department

Phone: (281) 633-7500

Permit No. 2016-4905

X (1) Complete Application Form:

X	c. Plans and specifications
---	-----------------------------

Perpetual bond currently posted.

X	Performance bond submitted.
---	-----------------------------

Cashier's Check

Amount:

Date _____

Date _____

[Signature] Ortega CFM

Date _____

FORT BEND COUNTY, TEXAS FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 12 CONSTRUCTION PLANS FOR **LONG POINT SLOUGH** MAINTENANCE

MARCH 2013

SHEET INDEX

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34	GRAVITY RETAINING WALL DETAILS



PROJECT LOCATION
FORT BEND COUNTY, TEXAS
DISTRICT NO. 12
LONG POINT SLOUGH
MAINTENANCE

BROWN & GAY
ENGINEERS, INC.

Brown & Gay Engineers, Inc.
10777 Westheimer, Suite 400, Houston, TX 77042
Tel: 281-558-8700 Fax: 281-558-9701
— Civil engineers and surveyors —

Copyright 2007

ONE-CALL NOTIFICATION SYSTEM:
CALL BEFORE YOU DIG!!
(713) 221-4567 (IN HOUSTON)
(NEW STATEWIDE NUMBER OUTSIDE HOUSTON)
1-800-545-6005

FORT BEND COUNTY

APPROVED:

Richard W. Stollis, P.E.
RICHARD W. STOLLIS, P.E.
CIVIL ENGINEER

DATE:

4/1/13

SHEET
NO. 1 OF 35



GENERAL CONSTRUCTION NOTES

GENERAL CONSTRUCTION NOTES

- [illegible]

BILL CONSTRUCTION NOTES

- [illegible]

CAUTION: UNDERGROUND GAS FACILITIES.

- [illegible]

ADDITIONAL CONSTRUCTION NOTES:

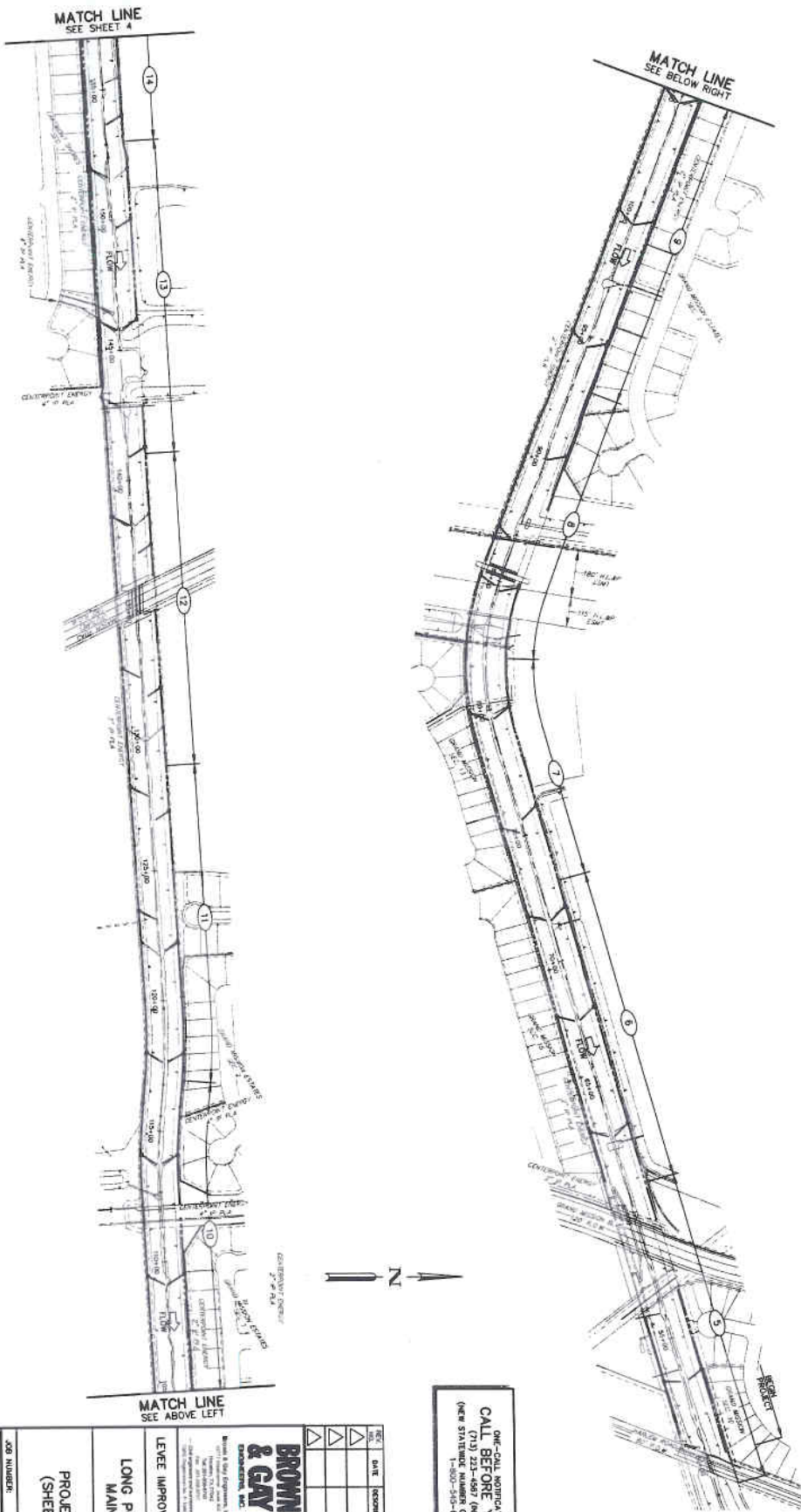
- ALL OTHER NEEDS TO REMAIN.

INTERNAL FRONT: INTERNAL MATTER AUTHORITY

- [illegible]

LONG POINT SLOUGH
MAINTENANCE

GENERAL CONSTRUCTION
NOTES[illegible]



SHEET REFERENCE NUMBER -

LEGEND

1

EXPLANATORY NOTES:

1. ALL DIMENSIONS ARE GIVEN IN FEET AND INCHES. DIMENSIONS ARE GIVEN TO THE CENTERLINE OF THE ROAD OR TO THE CENTERLINE OF THE SLLOUGH, UNLESS OTHERWISE NOTED.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, LATEST EDITION.



ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!!!
 (T) 817-440-5555
 (F) 817-440-5555
 (T) 817-440-5555
 (F) 817-440-5555

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BROWN & GAY ENGINEERS, INC.
 1223-03
 PROJECT LAYOUT
 (SHEET 1 OF 2)

LEVEL IMPROVEMENT DISTRICT 12

LONG POINT SLOUGH MAINTENANCE

PROJECT LAYOUT (SHEET 1 OF 2)

JOB NUMBER: 1223-03

SCALE: 1" = 40'

DATE: 03/11/13

BY: VARGIS

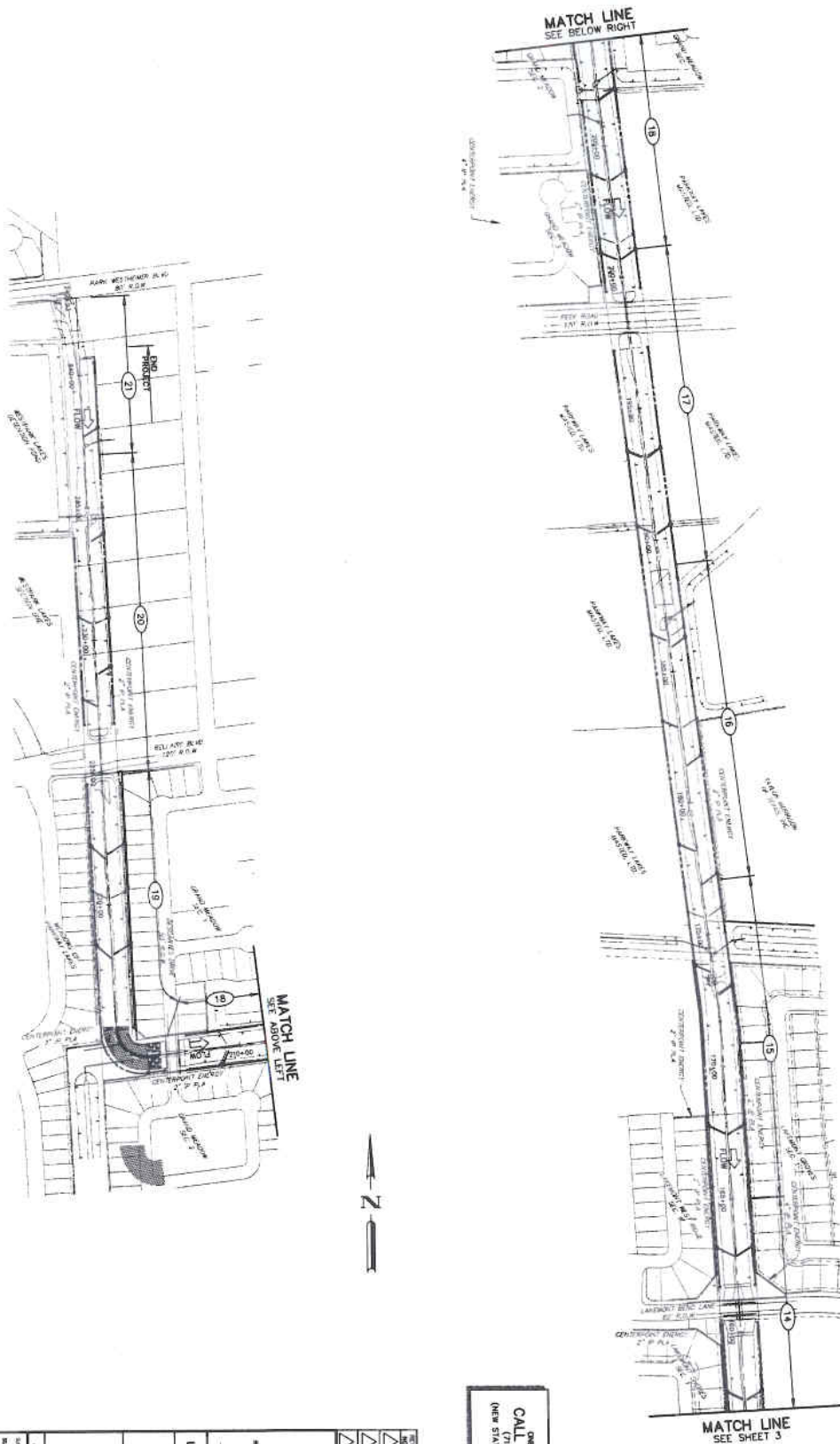
CHECKED BY: [Signature]

APPROVED BY: [Signature]

PROJECT LOCATION: 1223-03

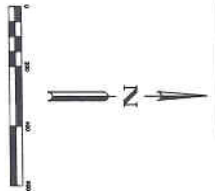
PROJECT DESCRIPTION: LONG POINT SLOUGH MAINTENANCE

PROJECT LAYOUT (SHEET 1 OF 2)



SHEET REFERENCE NUMBER 1

- EXPLANATORY NOTES:**
1. THE PROJECT IS LOCATED IN THE COUNTY OF TARRANT, TEXAS. THE PROJECT IS LOCATED IN THE COUNTY OF TARRANT, TEXAS. THE PROJECT IS LOCATED IN THE COUNTY OF TARRANT, TEXAS.
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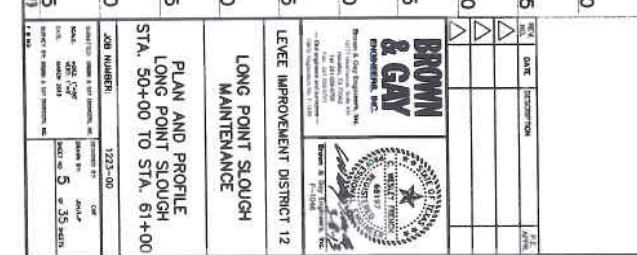


ONE-CALL NOTIFICATION SYSTEM
 CALL BEFORE YOU DIG!!!
 (NEW STANDARDS ENFORCE OUTSIDE HOUSTON)
 1-800-254-6005

NO.	DATE	DESCRIPTION	BY

BROWN & GAY ENGINEERS, INC. 1223-00		APPROVED BY
LEVEE IMPROVEMENT DISTRICT 12 LONG POINT SLOUGH MAINTENANCE PROJECT LAYOUT (SHEET 2 OF 2)		
JOB NUMBER 1223-00	DATE 12/23/00	SHEET NO. 4 OF 35 SHEETS

PRODUCTION
 Produced by: [Name]
 Checked by: [Name]
 Date: [Date]
 Scale: [Scale]
 Title: [Title]



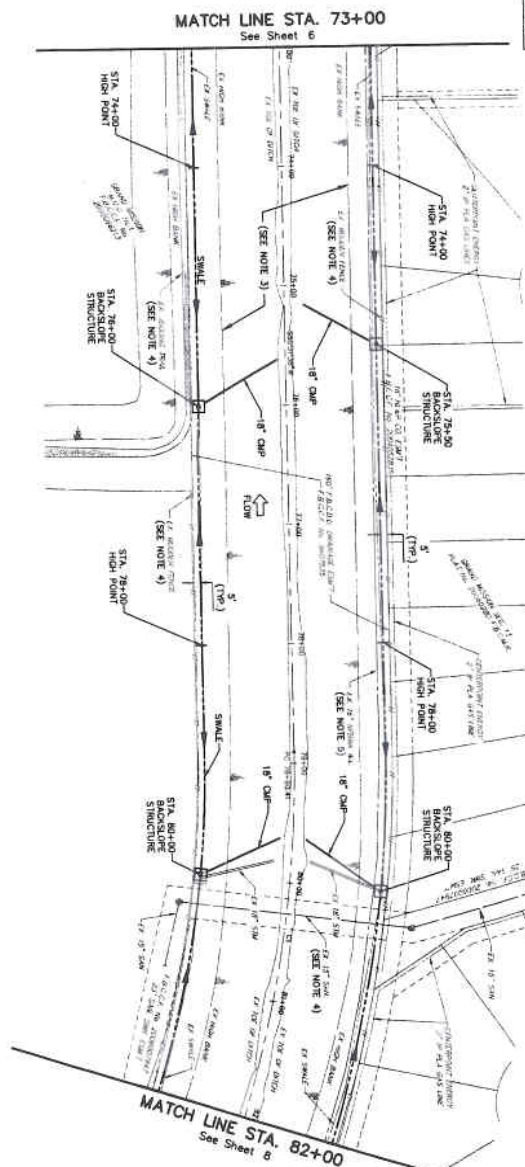


1. ALL EXISTING ABOVE-DECK STRUCTURES SHALL BE REMOVED AND THE CHANNEL REPAIRED OR RECONSTRUCTED BASED ON INSPECTION OF REPAIRED/RECONSTRUCTED STRUCTURES TO BE RECONSTRUCTED PER DETAILS ON SHEET 24.
2. EXISTING ABOVE-DECK STRUCTURES ON ALL EXISTING CHANNELS SHALL BE REMOVED. REPAIR-OF-WAY IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SHALL BE MAINTAINED THROUGHOUT THE CHANNEL BOTTOM AND WEDGES. STRUCTURAL EROSION WEAPONS ARE REQUIRED.
3. CHANNEL SLOPE SHALL BE 2:1 TO 3:1. CHANNEL FLATTER FOR REPAIR LENGTH OF CHANNEL FROM STA. 60+50 TO STA. 61+00 SHALL BE 2:1. SEE CROSS SECTION SHEETS 22 TO 20.
4. EXISTING STRUCTURE TO BE PROTECTED FROM COLLAPSE SHALL BE REPAIRED OR RECONSTRUCTED TO RETURN TO ORIGINAL OR BETTER CONDITION.
5. CONTRACTOR TO ADHERE TO NEHA CROSSING NOTES SHOWN ON SHEET 3.

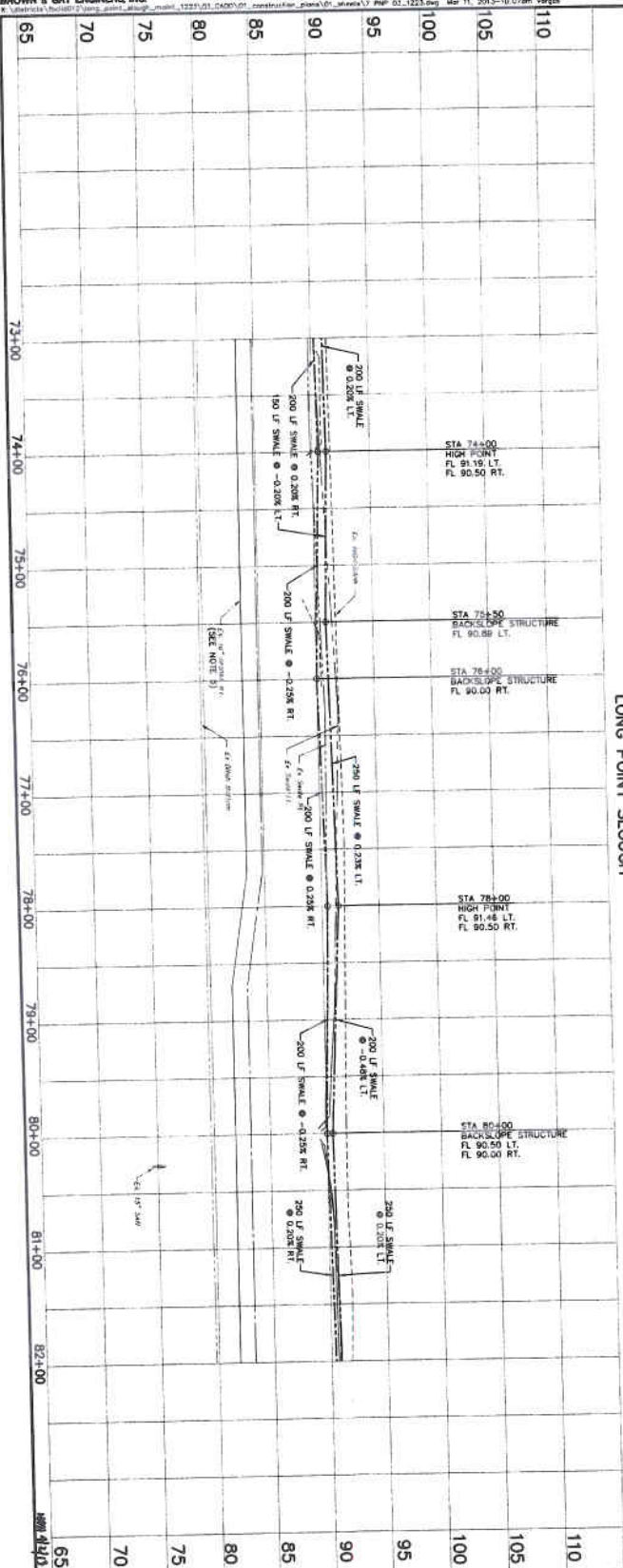
Principal Materials Item Number 2104007 is a Nylon Dura Stamped 2104007 or Stipe at Highway Road and Longest Stamp/Choke
Ditch located on western half of section 10, T1N, R1E, S1E, of
at road, Key Map Page 102N.

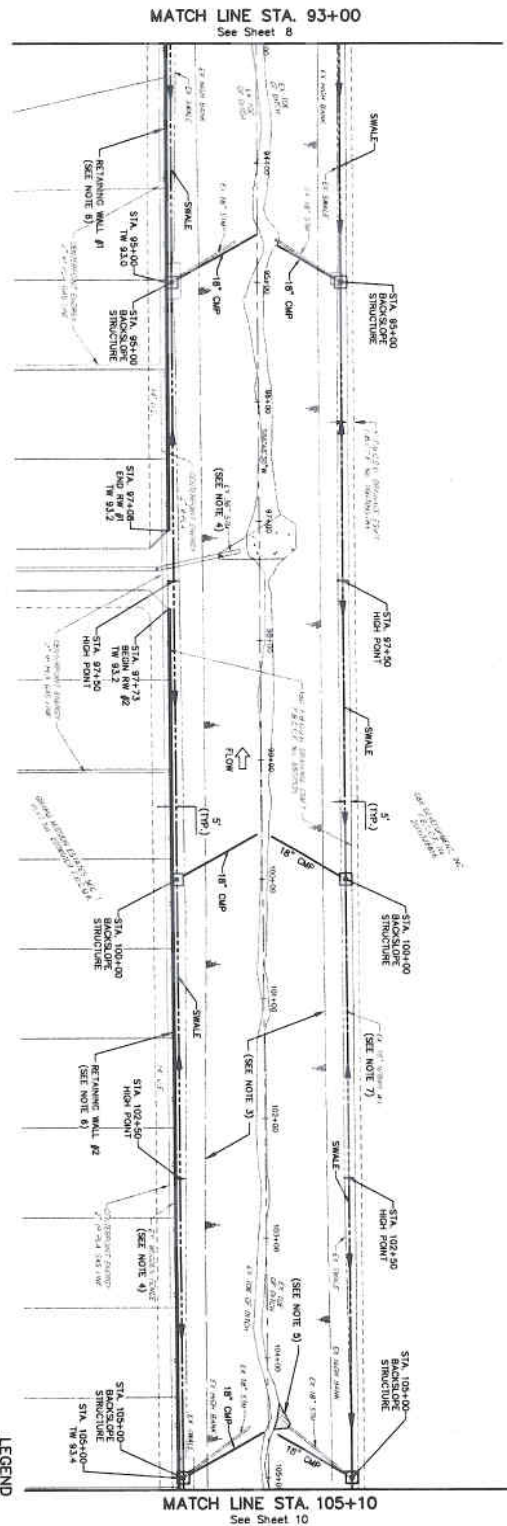
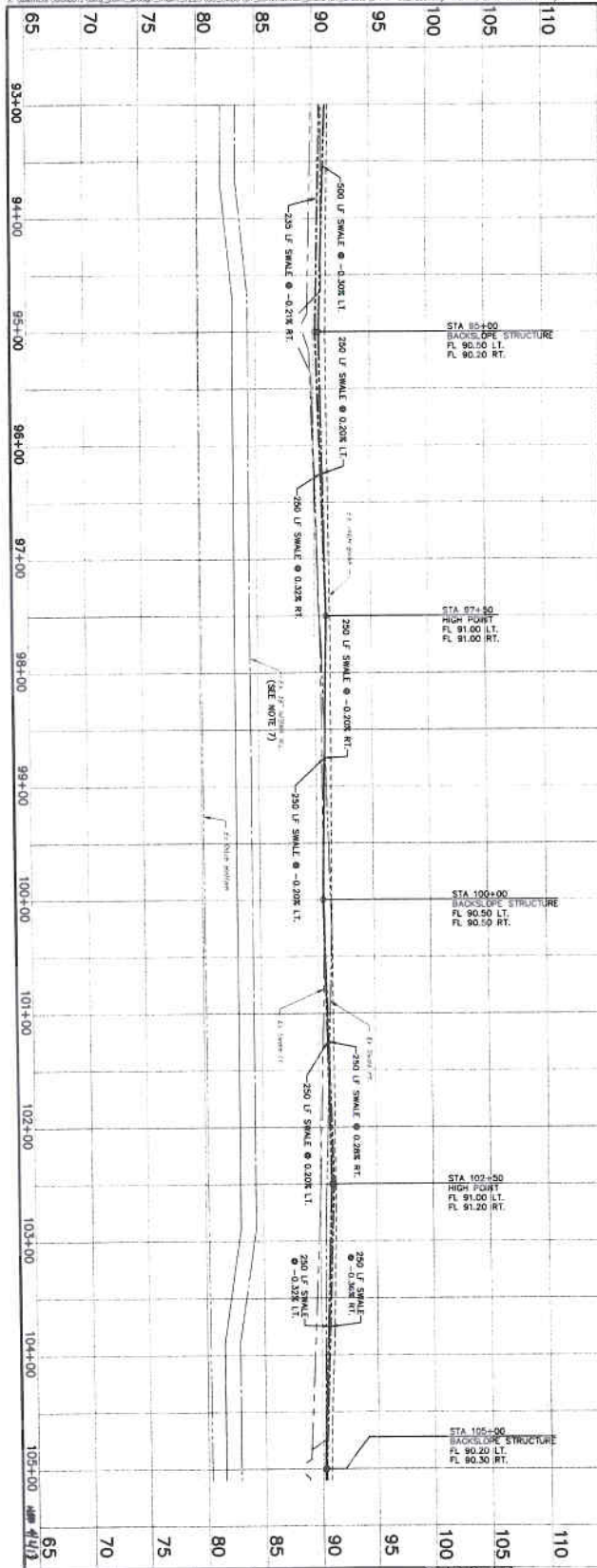
[illegible]

PLAN AND PROFILE
LONG POINT SLOUGH
STA. 61+00 TO STA. 73+00



LONG POINT SLOUGH

[illegible][illegible]

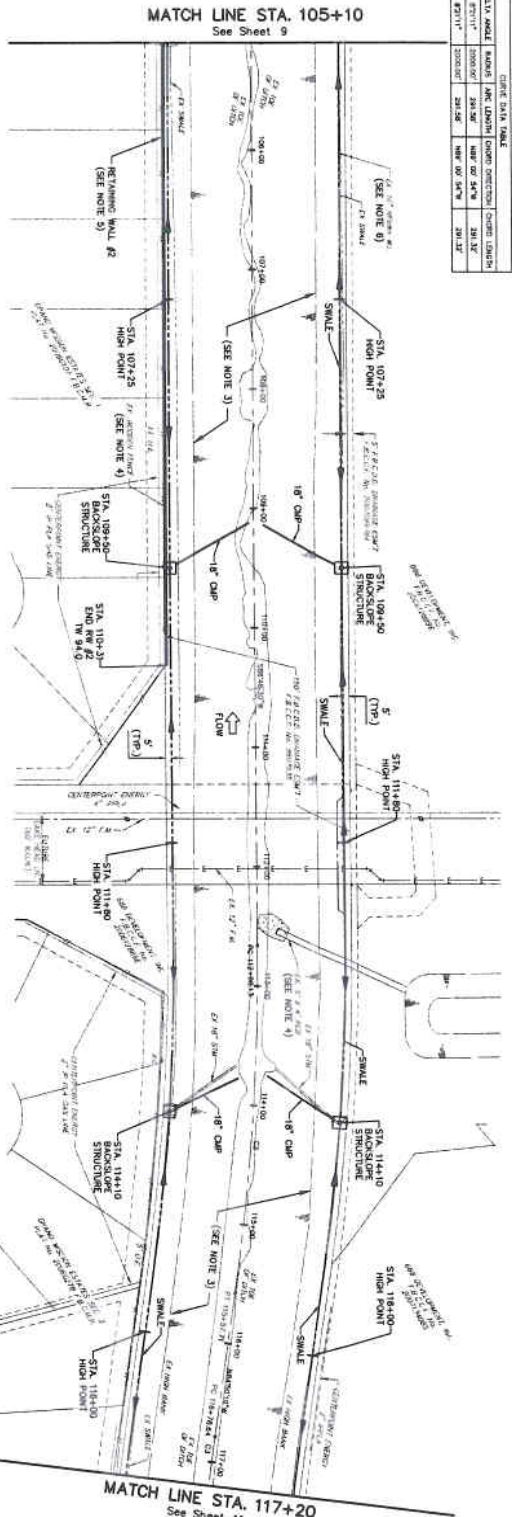


LEGEND
 RW - RETAINING WALL
 TW - 10' OF RETAINING WALL

- NOTES:
1. ALL EXISTING BACKSLOPE STRUCTURES, INCLUDING PILE SHALL BE REMOVED AND STRUCTURES TO BE CONSTRUCTED PER DETAILS ON SHEET 34.
 2. ESTABLISH TIE CRASS ON ALL EXISTING AND NEW STRUCTURES. PROJECT SPEC. 02021 EXCEPT IN THE STRUCTURE AND EROSION MEASURES ARE USED.
 3. CHANNEL SIDE SLOPES TO BE REPAIRED TO 3:1 OR FLATTER FOR ENTIRE LENGTH 24+00 TO 25+00. SEE CROSS SECTION SHEETS 22 TO 30.
 4. EXISTING STRUCTURE TO BE PROTECTED IN PLACE AND TO REMAIN IN ORIGINAL OR BETTER CONDITION.
 5. CHANNEL BOTTOM TO BE RECONSTRUCTED, MAINTAIN 20' BOTTOM WIDTH, FILL TO BOX PROTECT DENSITY.
 6. SEE SHEET 25 FOR RETAINING WALL DETAILS.
 7. CONTRACTOR TO ADHERE TO PERMA CROSSING NOTES SHOWN ON SHEET 2.

BROWN & GAY
 ENGINEERS, INC.
 1223-00
 LONG POINT SLOUGH
 MAINTENANCE
 PLAN AND PROFILE
 STA. 93+00 TO
 STA. 105+10
 JOB NUMBER: 1223-00
 DATE: 12/23/00
 SCALE: 1" = 20' HORIZ. 1" = 5' VERT.
 SHEET 9 OF 35
 DRAWN BY: J. J. JONES
 CHECKED BY: J. J. JONES
 APPROVED BY: J. J. JONES

NO.	DATE	BY	CHKD	DESC.
1	12/23/10	JG	JB	105+00 TO 107+00
2	12/23/10	JG	JB	107+00 TO 109+00
3	12/23/10	JG	JB	109+00 TO 111+00
4	12/23/10	JG	JB	111+00 TO 113+00
5	12/23/10	JG	JB	113+00 TO 115+00
6	12/23/10	JG	JB	115+00 TO 117+00

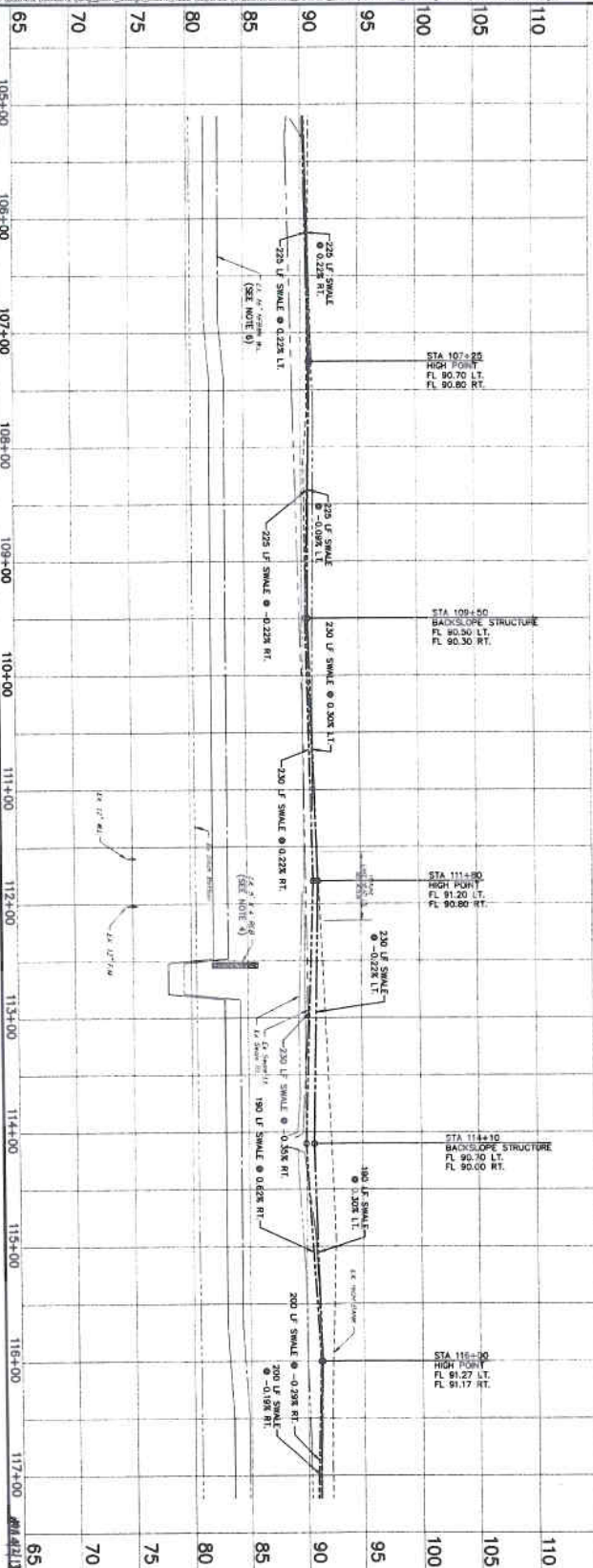


LEGEND
 RW = RETAINING WALL
 CL = CENTERLINE OF SLUGH

- NOTES:
- ALL EXISTING BACKSLOPE STRUCTURES, INCLUDING PREVIOUSLY CONSTRUCTED AND DISAPPROVED STRUCTURES, SHALL BE REMOVED AND RECONSTRUCTED TO MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS FOR DETAILS ON SHEET 34.
 - ESTABLISH TIE-INS WITHIN ALL CHANNELS, CHANNEL BOTTOMS AND WATERSHEDS. CHANNEL BOTTOMS AND WATERSHEDS ARE TO BE RECONSTRUCTED TO MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS FOR DETAILS ON SHEET 34.
 - CHANNEL SIDE SLOPES TO BE RECONSTRUCTED TO 3:1 OR FLATTER FOR A MINIMUM LENGTH OF 50 FEET. CHANNEL BOTTOMS ARE TO BE RECONSTRUCTED TO MEET THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS FOR DETAILS ON SHEET 34.
 - EXISTING STRUCTURE TO BE PROTECTED IN CONSTRUCTION TO REMAIN TO ORIGINAL OR BETTER CONDITION.
 - SEE SHEET 35 FOR RETAINING WALL DETAILS.
 - CONTRACTOR TO ADHERE TO SPECIAL CONDITIONS TO RESPECT TO ORIGINAL OR BETTER CONDITION.
 - CROSSING NOTES SHOWN ON SHEET 2.



REVISIONS:
 1. 12/23/10 JG JB 105+00 TO 107+00
 2. 12/23/10 JG JB 107+00 TO 109+00
 3. 12/23/10 JG JB 109+00 TO 111+00
 4. 12/23/10 JG JB 111+00 TO 113+00
 5. 12/23/10 JG JB 113+00 TO 115+00
 6. 12/23/10 JG JB 115+00 TO 117+00

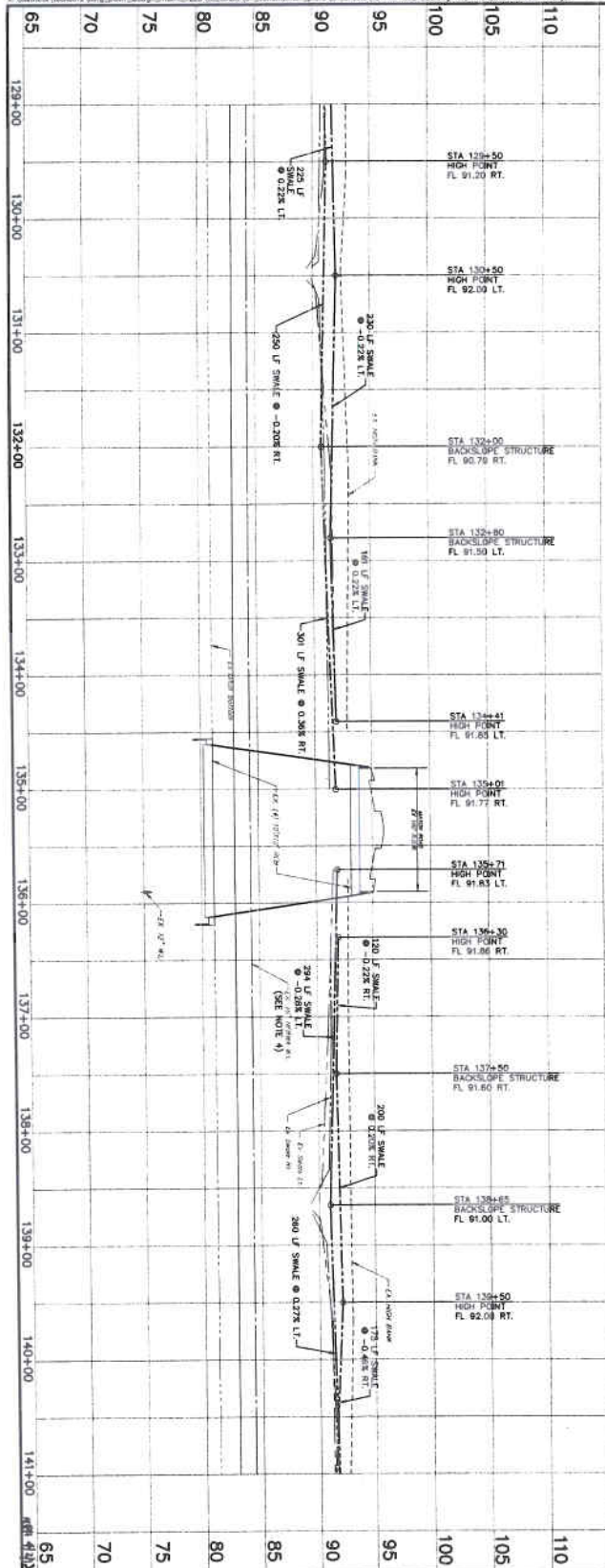


BROWN & GAY
 ENGINEERS, INC.
 1223-105
 105+00 TO 117+00

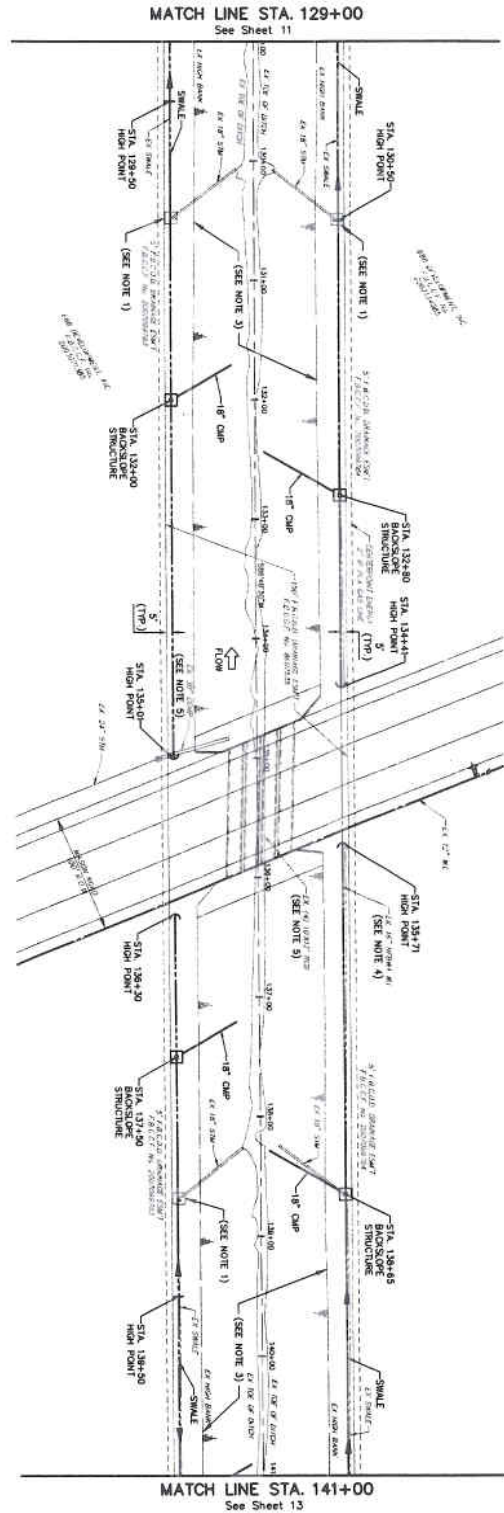
**PLAN AND PROFILE
 LONG POINT SLOUGH
 STA. 105+10 TO
 STA. 117+20**

JOB NUMBER: 1223-105
DATE: 12/23/10
BY: JG
CHKD: JB

SCALE: 1" = 20' HORIZ.
 1" = 5' VERT.
DATE: 12/23/10
BY: JG
CHKD: JB



LONG POINT SLOUGH



MATCH LINE STA. 129+00
 See Sheet 11

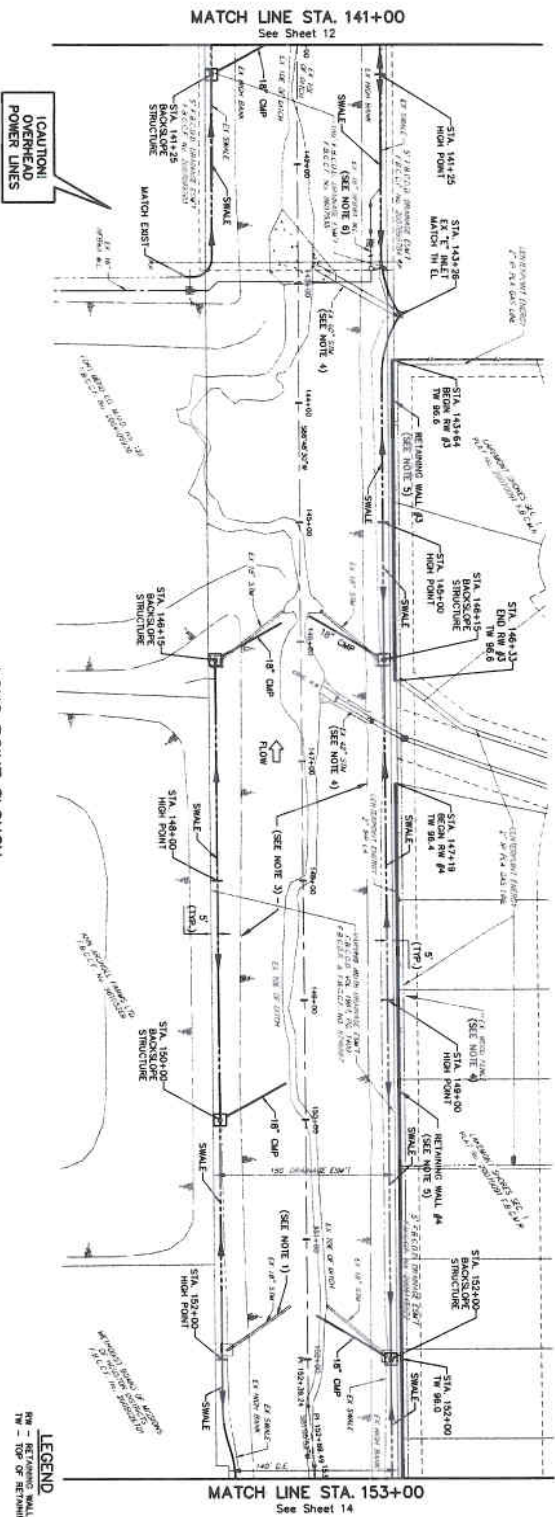
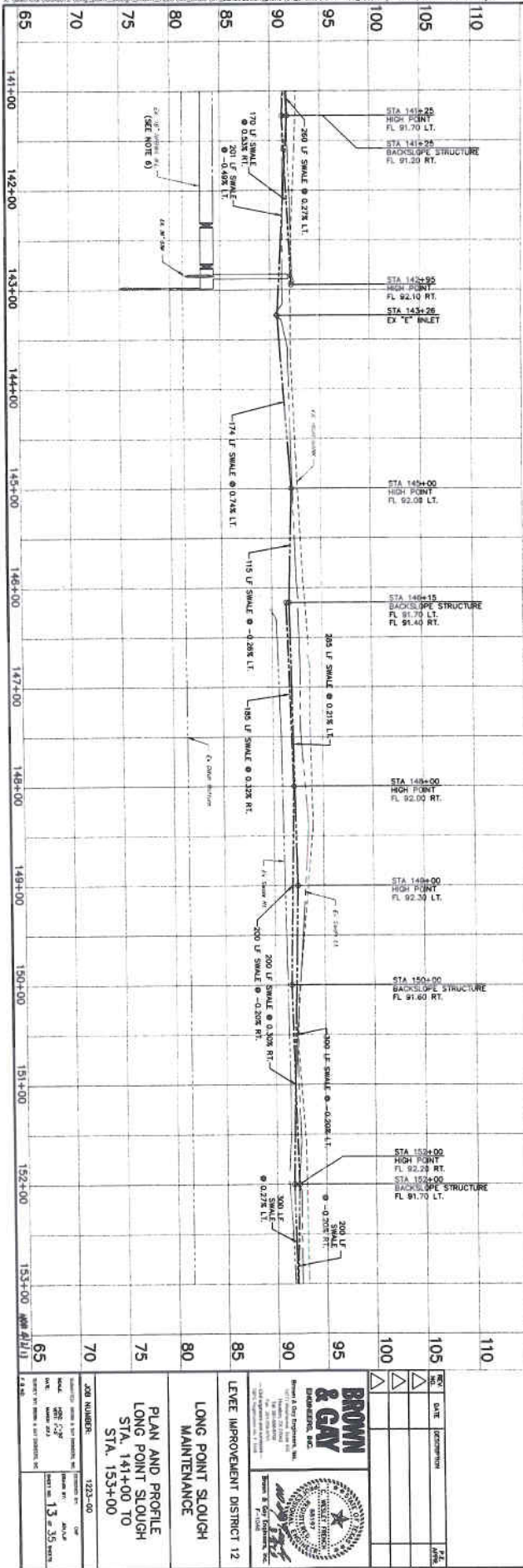
MATCH LINE STA. 141+00
 See Sheet 13

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NOTES:

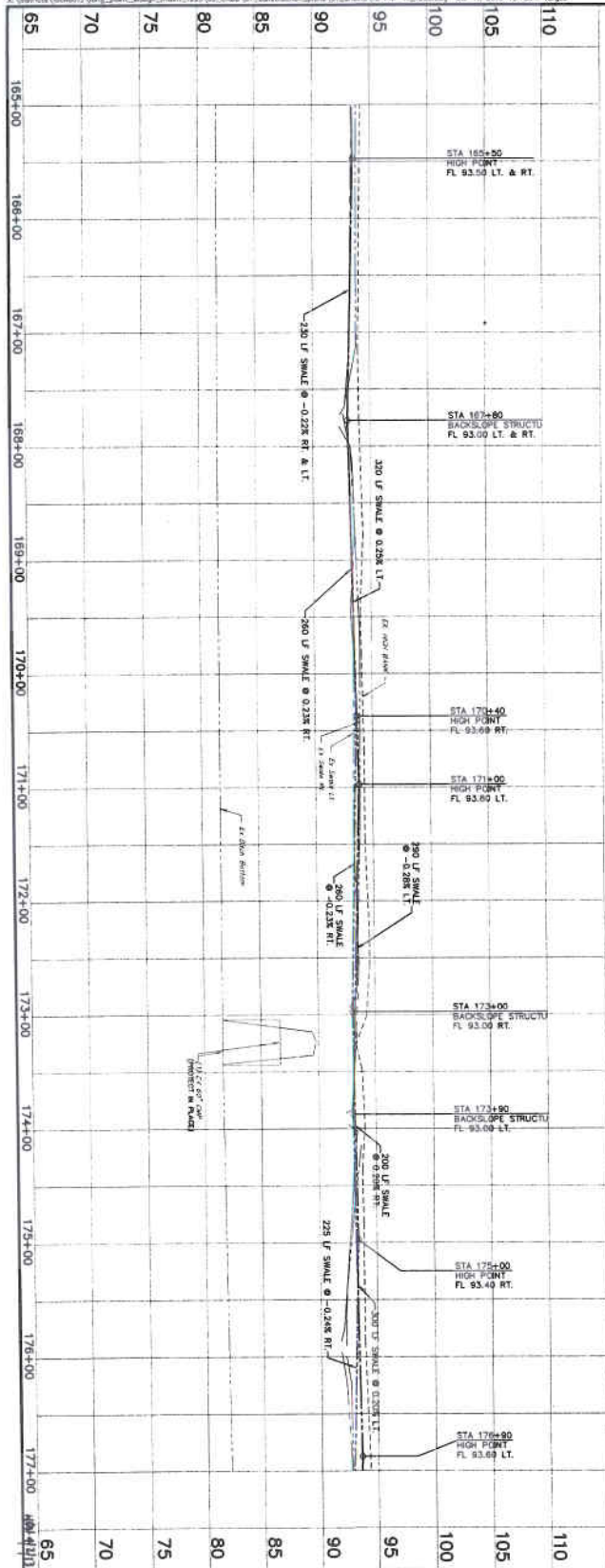
1. ALL EXISTING BACK-SLOPE STRUCTURES, INCLUDING PREPARED BACK-SLOPE DETAIL, SHALL BE REMOVED AND REPLACED WITH THE PROPOSED BACK-SLOPE DETAIL ON SHEET 12.
2. EXISTING TIE-UP GRASS ON ALL CHANNEL BOTTOMS SHALL BE MAINTAINED. PROJECT SPEC. 0021 EXCEPT IN THE CHANNEL BOTTOM AND WHERE EXISTING TIE-UP GRASS ARE USED.
3. CHANNEL SLOPES TO BE REPAIRED TO 3:1 OR FLATTER FOR ENTIRE LENGTH TO 30' SET CROSS SECTION SHEET 22 TO 30.
4. CONTRACTOR TO ADHERE TO WYMA.
5. EXISTING STRUCTURE TO BE PROTECTED IN PLACE SHOULD ANY DAMAGE OCCUR OR BETTER CONDITION.

CONTRACT NO. 123-10
 PROJECT NO. 123-10
 DRAWING NO. 123-10
 DATE: 2013-10-10
 BY: bgray
 CHK: bgray
 APPR: bgray

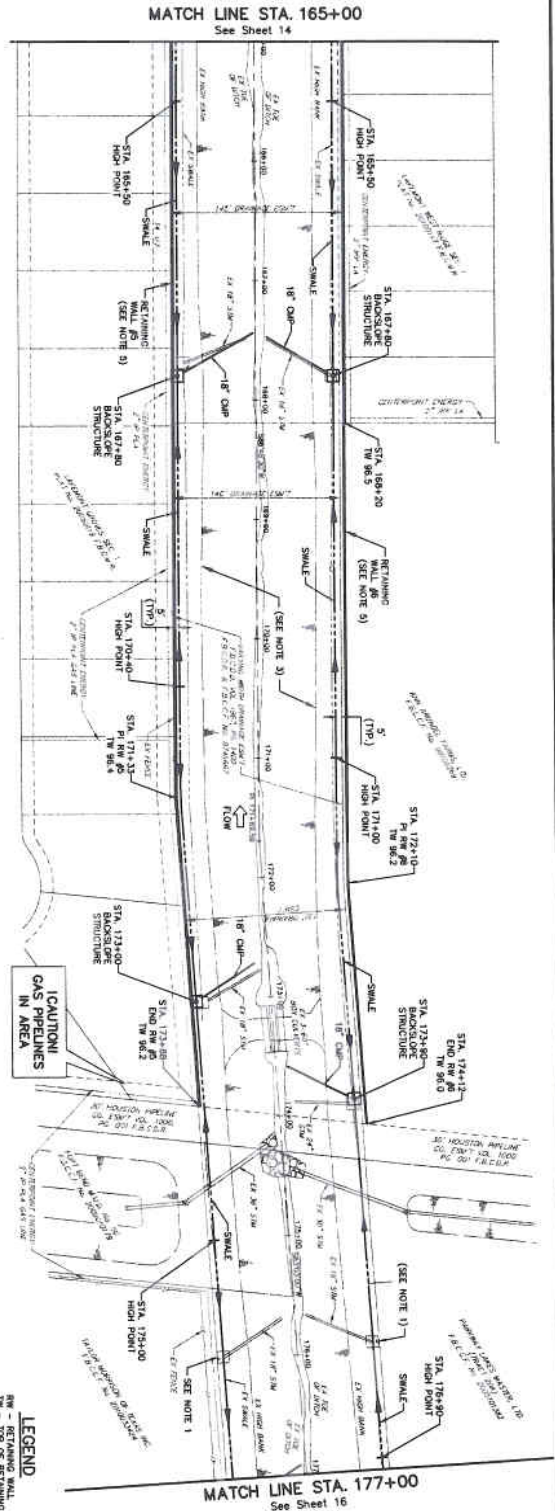


1. ALL EXISTING MAJOR STRUCTURES, INCLUDING BUT NOT LIMITED TO, SHALL BE REMOVED AND REBUILT OR TO BE RECONSTRUCTED PER DETAILS ON SHEET 34.
2. DISTRIBUTED ASK GRASS ON ALL EXISTING AREAS WITHIN THE CHANNEL PROJECT SITE, EXCEPT IN THE CHANNEL BEDDOL AND WHERE CHANNEL BEDDOL MODIFICATIONS ARE USED.
3. CHANNEL SIDE SLOPES TO BE REGRADED TO 1:1 ON FLATTER FOR EXIST LENGTH 24' TO 50'. SEE CROSS SECTION SHEETS 22 TO 30.
4. EXISTING STRUCTURE TO BE PROTECTED PLACE SHOULD ANY DAMAGE OCCUR TO CHANNEL AND/OR CHANNEL BEDDOL.
5. SEE SHEET 35 FOR RETAINING WALL DETAILS.
6. CROSSING NOTION TO ADHERE TO SHEET 36.
7. CROSSING NOTES SHOWN ON SHEET 7.

GENERAL:
Foodfish Resources Unit Number 710450 is a Brown Box Shipment
21000 on bridge at Marine Road and Longport Street, Pindua
Bira located on opposite bank of stream, owner, no exact date
of road lay down Page 526.
ELY BR-1 Fuel MWD 1000, 1000 adjustment



LONG POINT SLOUGH



LEGEND
 RW - RETAINING WALL
 TW - TOP OF RETAINING WALL

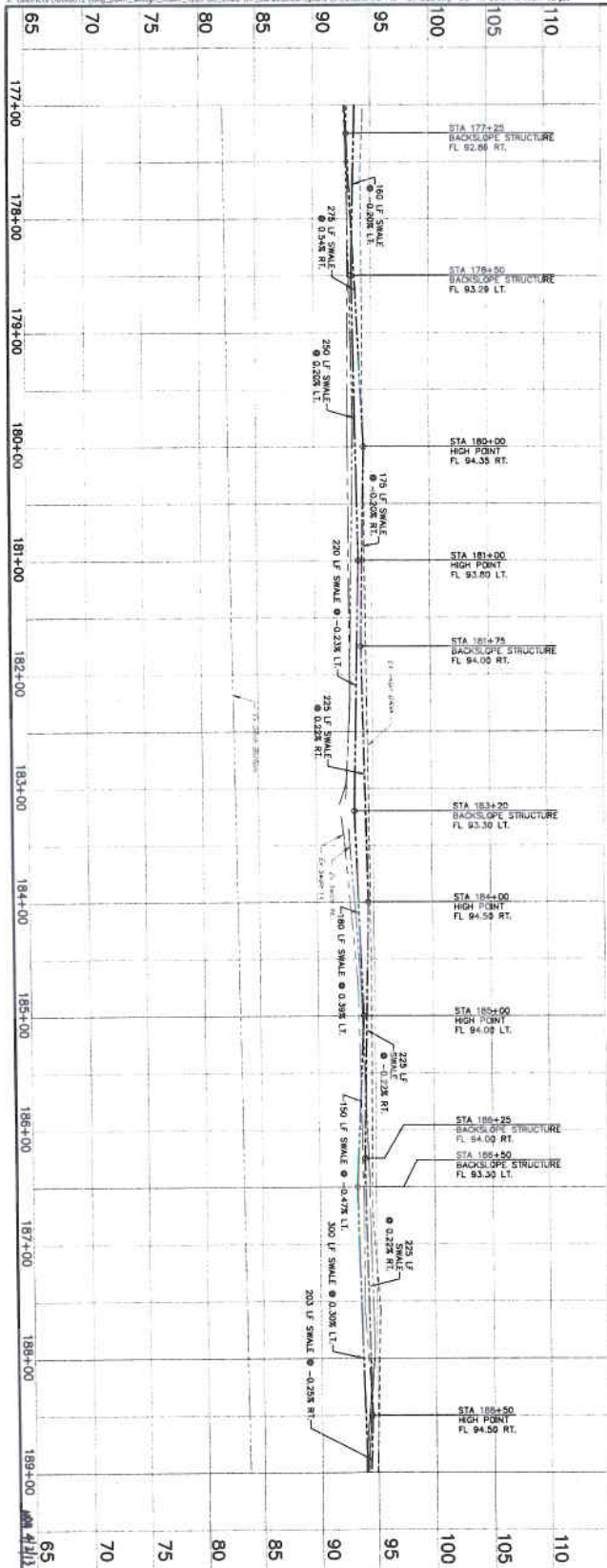
1. ALL EXISTING BACKSLOPE STRUCTURES, INCLUDING PIPE SHALL BE REPAIRED AND STRUCTURES TO BE CONSTRUCTED PER DETAILS ON SHEET 34.
2. ESTABLISH TIE-INS ON ALL DISTURBED AREAS WITHIN THE CHANNEL. THE TIE-INS SHALL BE CONSTRUCTED PER PROJECT SPEC. 02021 EXCEPT IN THE CHANNEL BOTTOM AND CHANNELS ARE USED.
3. CHANNEL SIDE SLOPES TO BE REPAIRED TO 3:1 OR FLATTER FOR DUNE LENGTH 244+00. SEE CROSS SECTION SHEETS 22 TO 30.
4. EXISTING STRUCTURE TO BE PROTECTED IN CHANNEL SHALL NOT BE DAMAGED DURING CONSTRUCTION TO RESTORE TO ORIGINAL BETTER CONDITION.
5. SEE SHEET 35 FOR RETAINING WALL DETAILS.



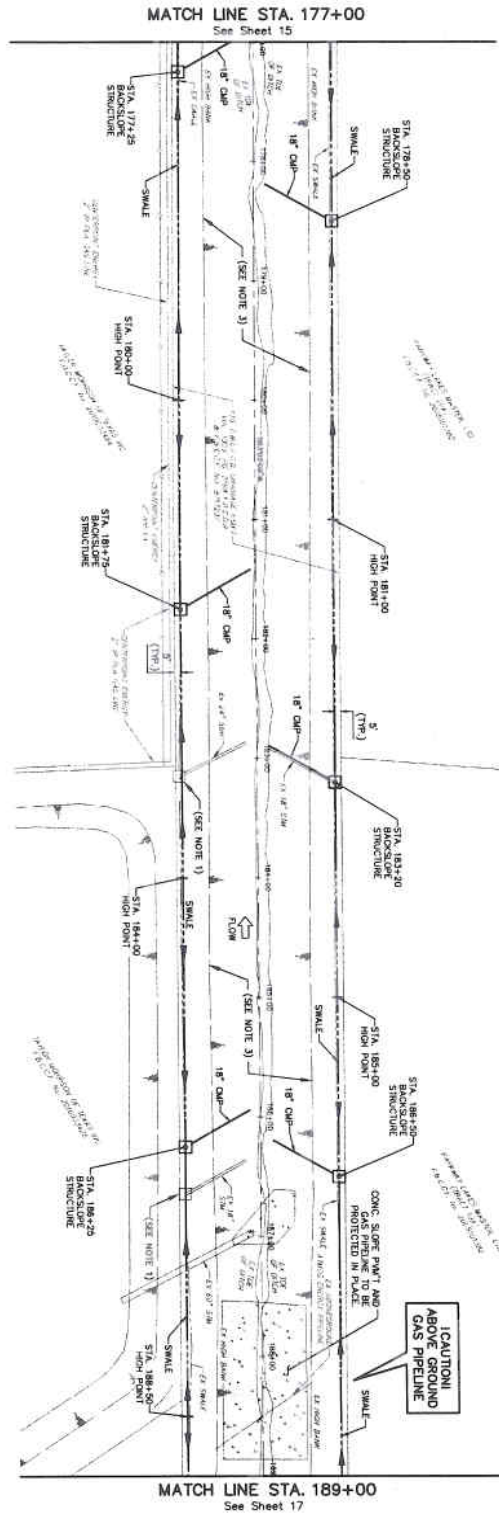
PROPOSED
 PROPOSED MAINTENANCE AND REPAIR 2010-2011
 PROJECT NO. 60607
 LONG POINT SLOUGH MAINTENANCE
 STA. 165+00 TO STA. 177+00
 DATE: 10/01/2010
 BY: B&G

BROWN & GAY ENGINEERS, INC.
 15233-00
 LONG POINT SLOUGH MAINTENANCE
 PLAN AND PROFILE
 LONG POINT SLOUGH
 STA. 165+00 TO
 STA. 177+00





LONG POINT SLOUGH



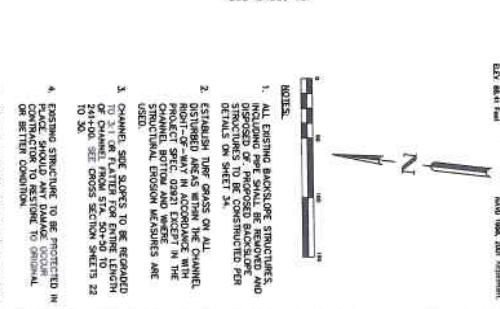
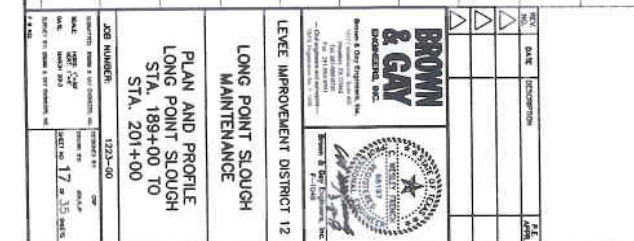
- NOTES:
1. ALL EXISTING BACKSLOPE STRUCTURES, INCLUDING PREPARED BACKSLOPE STRUCTURES, SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE DETAILS ON SHEET 24.
 2. EXISTING TIE-ROPS SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE DETAILS ON SHEET 24.
 3. CHANNEL SIDE SLOPES TO BE RESEMED OR CHANNEL PROPOSED TO BE RESEMED TO 3:1 OR FLATTER FOR 100' LENGTH TO 30'. SEE OTHER SECTION SHEETS 22 TO 30.
 4. EXISTING STRUCTURE TO BE PROTECTED IN PLACE SHOULD ANY DAMAGE OCCUR OR BETTER CONDITION.



BOUNDARIES:
 Includes boundary lines for the project area. The project area is bounded by the slough and the adjacent land. The project area is shown in the plan view and the profile view.

BROWN & GAY
 ENGINEERS, INC.
 1223-00
 LONG POINT SLOUGH
 MAINTENANCE
 STA. 177+00 TO
 STA. 189+00

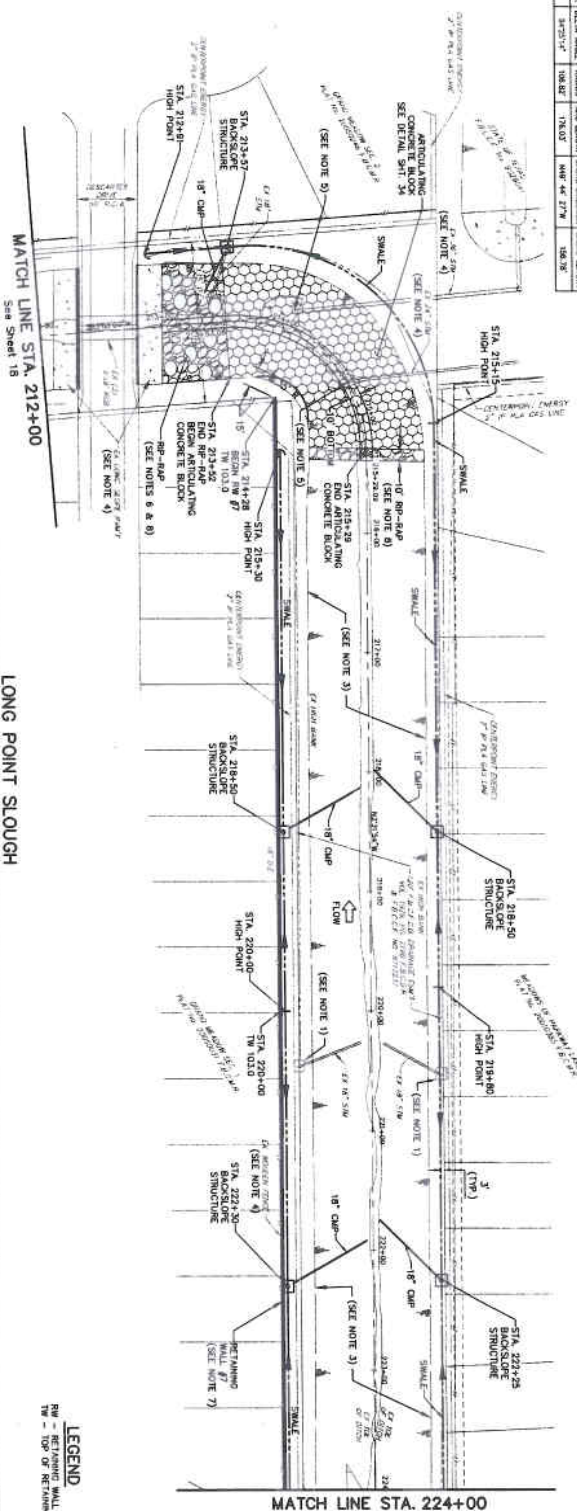
DATE: 12/23/03
 SCALE: 1" = 20' (PLAN)
 1" = 10' (PROFILE)
 SHEET NO. 16 OF 35 SHEETS



NOTES:
 Fluctuations Reference Unit number 210410 is a Bore (the maximum) 210410 on 21/04/00 at Station Road and Longport Slough, Cheshire
 Data based on station located at Slough, Cheshire, on west side of road. See map Page 500.
 ELY 8641 Final
 MAY 1998, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 26



CORE DATA TABLE				
WAVELENGTH	WAVELENGTH	RADIUS	ARC LENGTH	CORRECTION
64	347.514	106.82	176.05	449.45 27.7
				156.78



See Sheet 20

LEGEND

RW - RETAINING WALL
TW - TOP OF RETAINING WALL



Productive Subversion Issue number 200503 is a Free Data Download
210320 on archive at www.fishbase.org and www.fishbase.org
Data located on upstream headwaters, at various levels, on each side
of road, see Map Page 508.
B.C.T. 08 at Fort
MAY 1988, 2001 adjustment

- [illegible]

REV. NO.	DATE	DESCRIPTION	PAGE
1			1



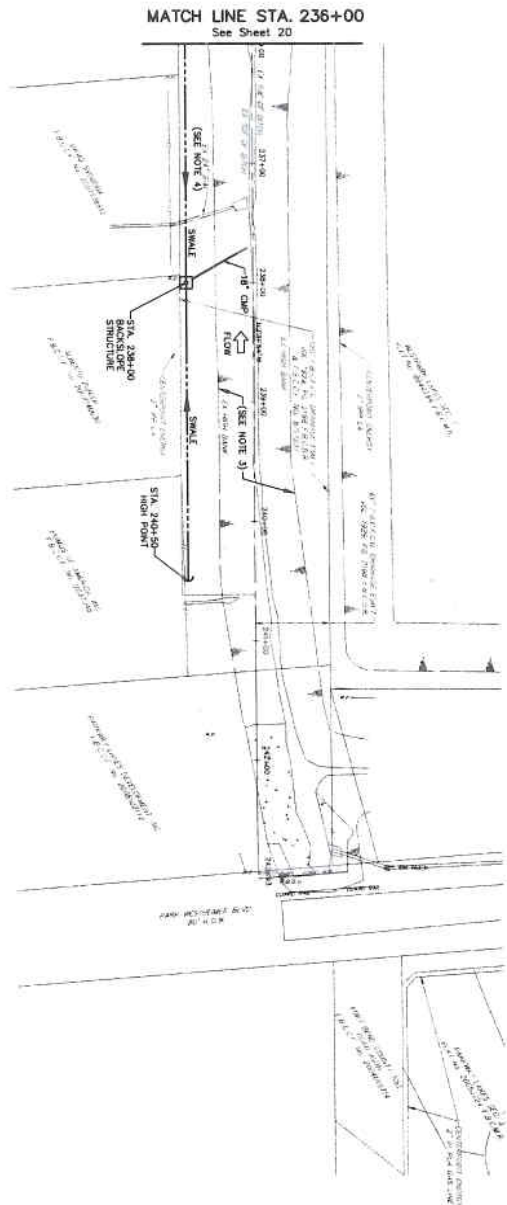
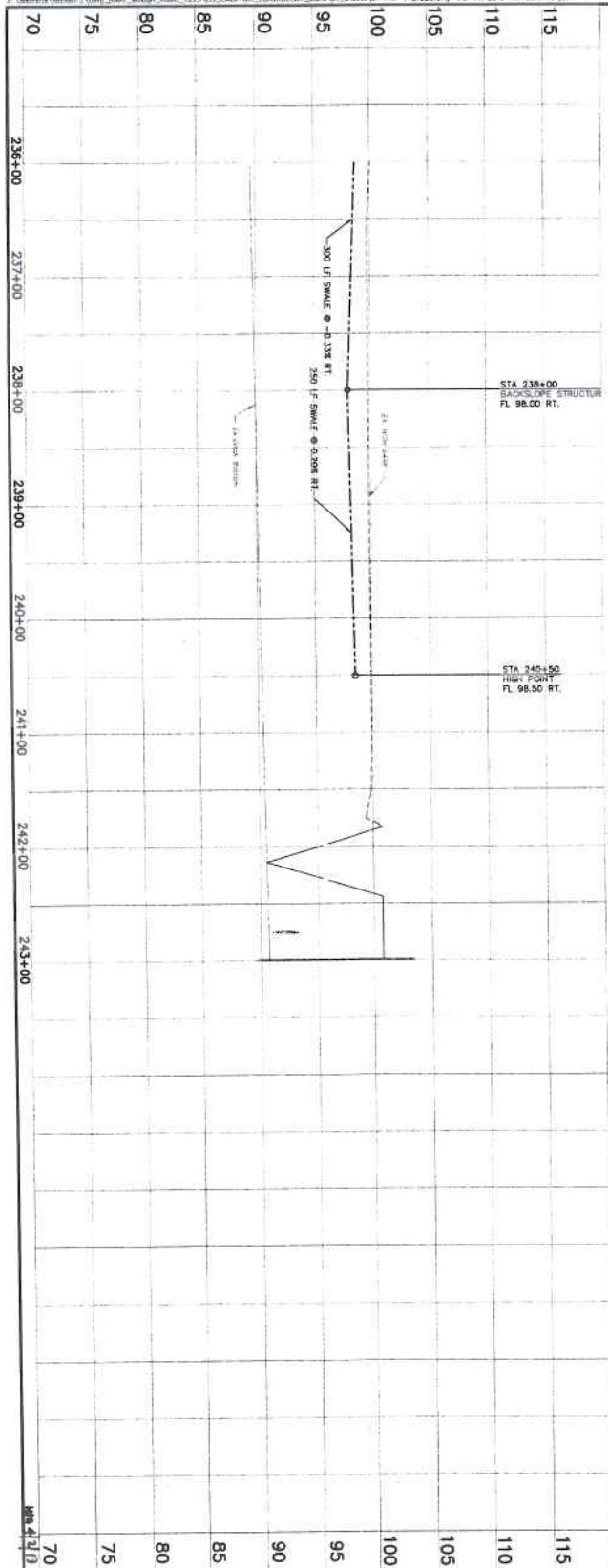
LEVEE IMPROVEMENT DISTRICT 12

LONG POINT SLOUGH
MAINTENANCE

PLAN AND PROFILE
LONG POINT SLOUGH
STA. 212+00 TO
STA. 224+00

NO. 27250

19 of 35



- NOTES:**
1. ALL EXISTING BACKSLOPE STRUCTURES, INCLUDING FIVE SHALL BE REMOVED AND DISPOSED OF IN ACCORDANCE WITH THE DETAILS ON SHEET 24.
 2. ESTABLISH TIE-INS WITHIN THE CHANNEL, PROTECT SPEC. 00201 EXCEPT IN THE CHANNEL BOTTOM AND WHEELS ARE USED.
 3. CHANNEL, SIDE SLOPES TO BE REGRADED TO 2:1 OR FLATTER FOR BANK LENGTH OF CHANNEL FROM STATION 236+00 TO 240+50. SEE CROSS SECTION SHEETS 22 TO 30.
 4. EXISTING STRUCTURE TO BE PROTECTED IN PLACE AND REMOVED DURING CONSTRUCTION TO RESTORE TO ORIGINAL OR BETTER CONDITION.



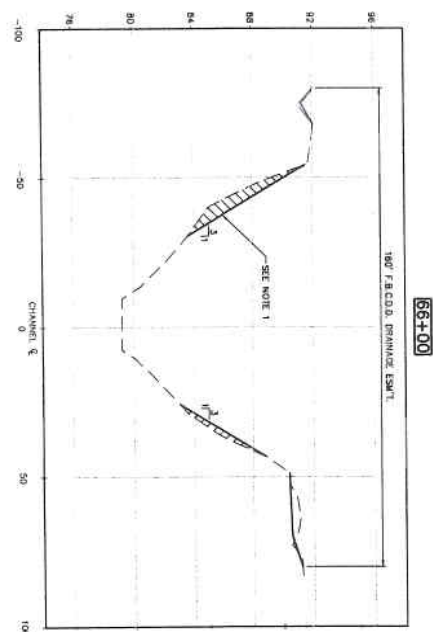
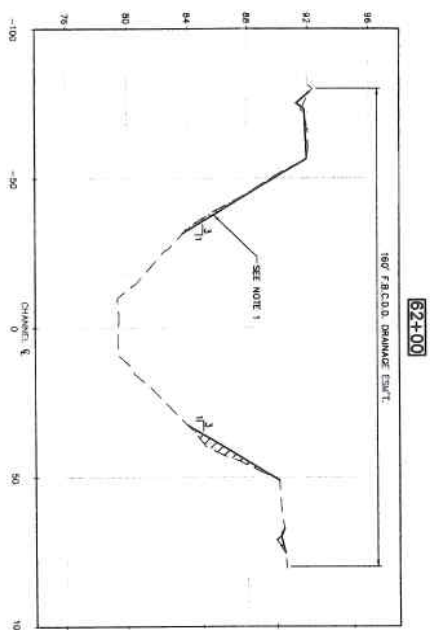
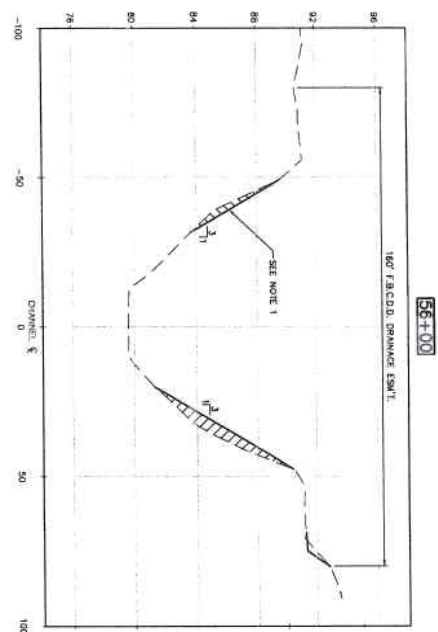
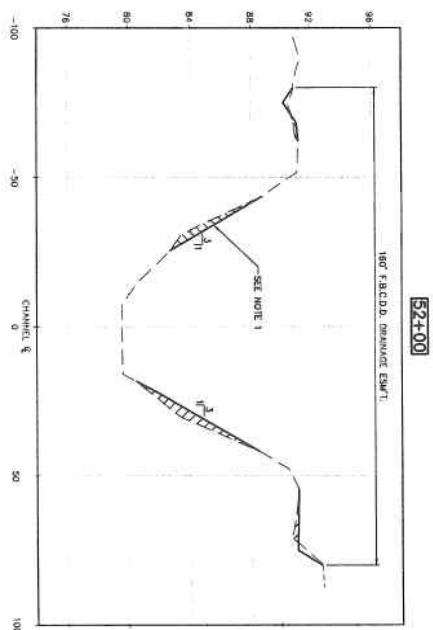
RECORDS
 BROWN & GAY ENGINEERS, INC.
 1000 N. 10th Street, Suite 200
 Anchorage, Alaska 99503
 Phone: (907) 562-1234
 Fax: (907) 562-1235
 E-mail: info@bg-engineers.com
 WWW: 1000.2001 Address

DATE	DESCRIPTION	BY	DATE

BROWN & GAY ENGINEERS, INC.
 1000 N. 10th Street, Suite 200
 Anchorage, Alaska 99503
 Phone: (907) 562-1234
 Fax: (907) 562-1235
 E-mail: info@bg-engineers.com
 WWW: 1000.2001 Address

LONG POINT SLOUGH
 MAINTENANCE
 PLAN AND PROFILE
 LONG POINT SLOUGH
 STA. 236+00 TO END

JOB NUMBER 1223-00
DATE 12/25/2013
SCALE 1" = 20' (PLAN)
DATE 12/25/2013
SCALE 1" = 20' (PROFILE)



- NOTES:**
1. REGRADE CHANNEL, SIDE SLOPES TO 3:1 OR FLATTER. LEAVE NO EXPOSURE ON BILLS DEEPER THAN 4". ESTABLISH TYP. PER NOT 3.
 2. CONTRACTOR TO REMOVE AND HAIL, ALL EXISTING TOP SOIL, GRAVEL, FILL. GRADES ARE ESTABLISHED. CONTRACTOR SHALL IMPROVE AND PLACE 4" OF TOPSOIL ALONG ENTIRE PROJECT LENGTH.
 3. ESTABLISH TYP. GRASS ON ALL AREAS WITHIN THE CHANNEL RIGHT-OF-WAY IN ACCORDANCE WITH PROJECT SPEC. 02921 EXCEPT IN THE CHANNEL BOTTOM.

REV NO	DATE	DESCRIPTION	P. Approved
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LEVEL IMPROVEMENT DISTRICT 12

LONG POINT SLOUGH
MAINTENANCE

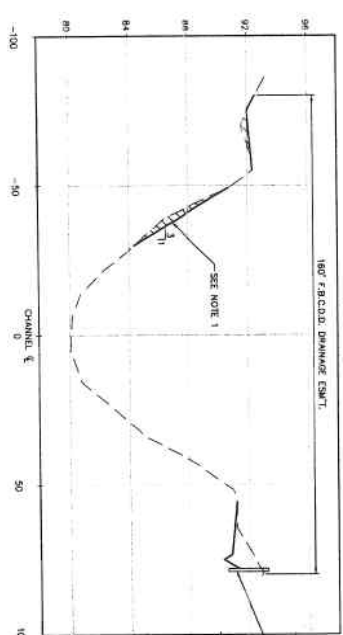
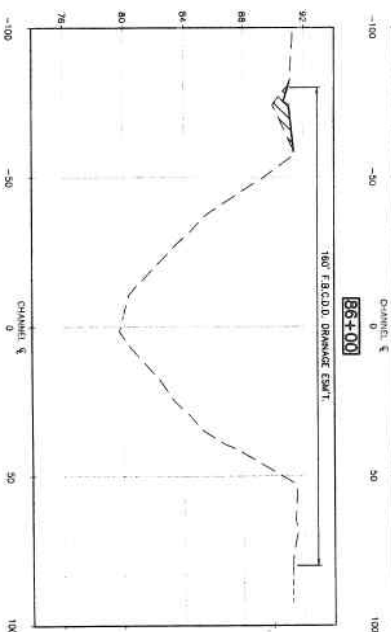
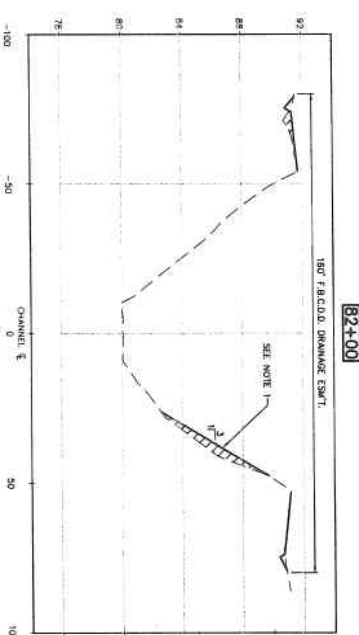
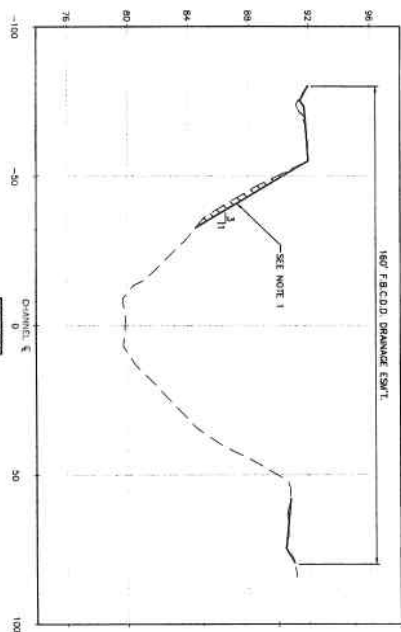
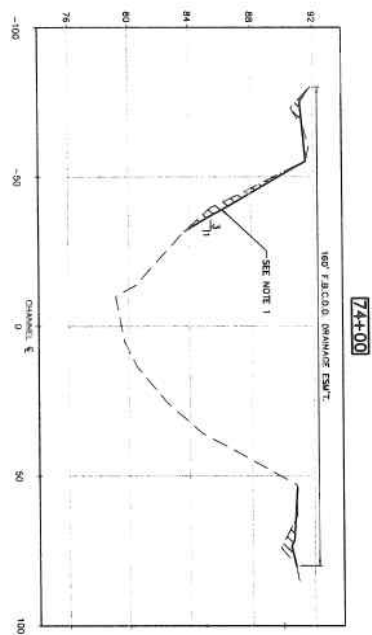
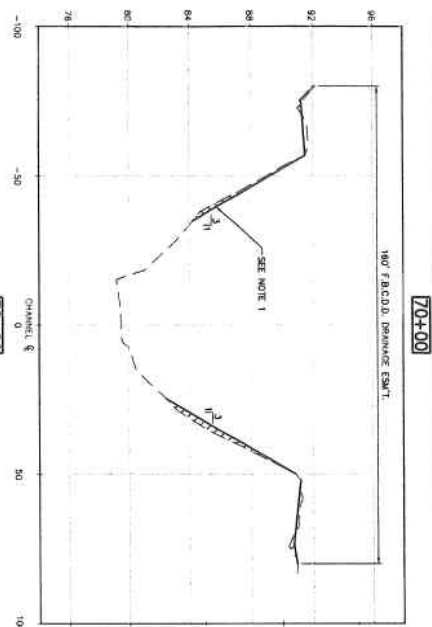
CROSS SECTION
(SHEET 1 OF 9)

JOB NUMBER: 1223-00

ALL CROSS
SECTIONS ARE
LOOKING UP
STATION

Week 4/21/17

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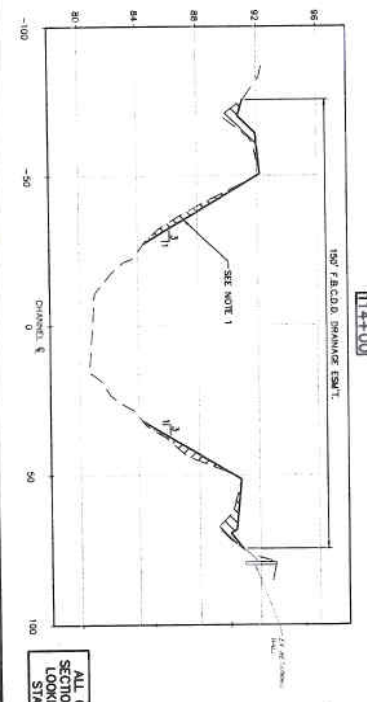
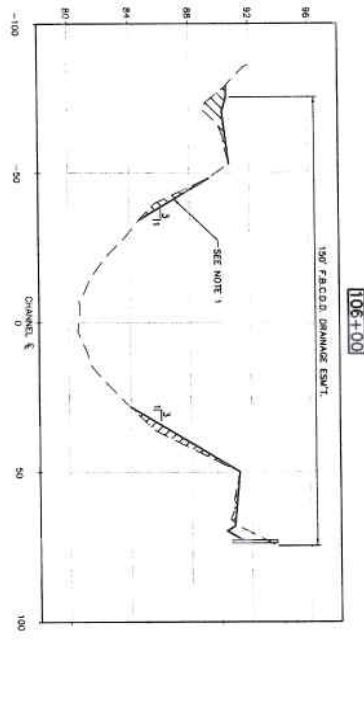
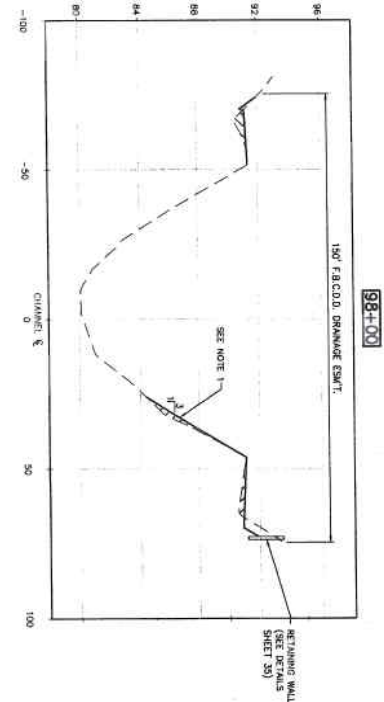
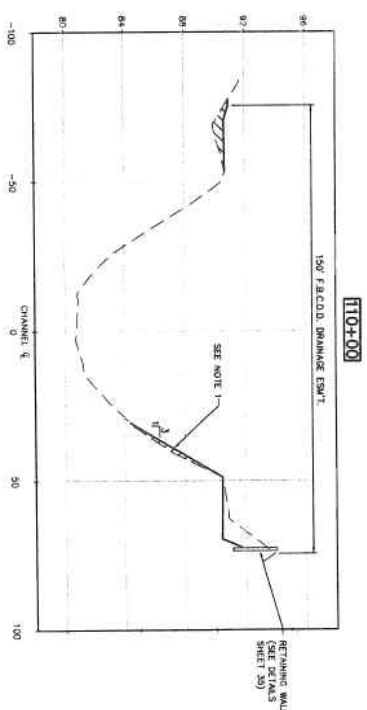
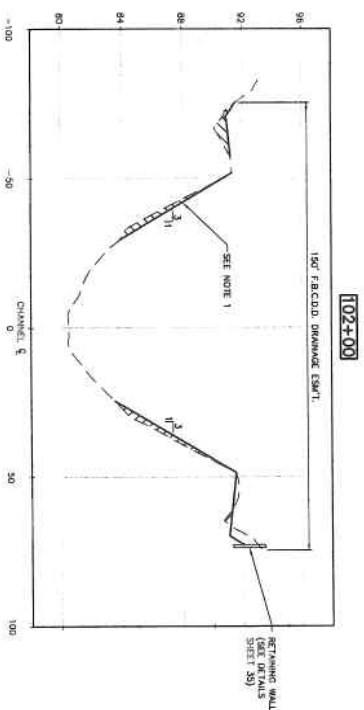
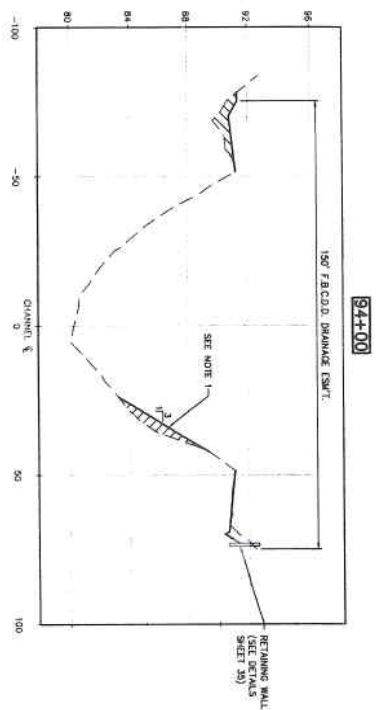


ALL CROSS
SECTIONS ARE
LOOKING UP
STATION

1034 4/24/13

1. RECORD CHANNEL SLOE SLOPES TO 3:1 OR FLATTER. ESTABLISH TOP OF RILL DEEPER THAN 4".
2. CONTRACTOR TO GRADE AND MAINTAIN ALL EXISTING CHANNELS TO MEET DESIGN CRITERIA. ALL EXISTING CONTRACTOR SHALL IMPORT AND PLACE 4" OF TOPSOIL ALONG ENTIRE PROJECT LENGTH.
3. ESTABLISH TRAIL GRASS ON ALL AREAS WITHIN THE CHANNEL, MUD-OR-AWAY IN ACCORDANCE WITH PROJECT SPEC. 0327 EXCEPT IN THE CHANNEL BOTTOM.

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ALL CROSS
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LOOKING UP
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ON	25.10	25.10	25.10

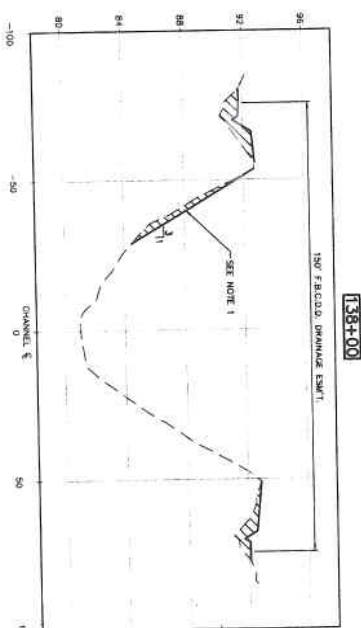
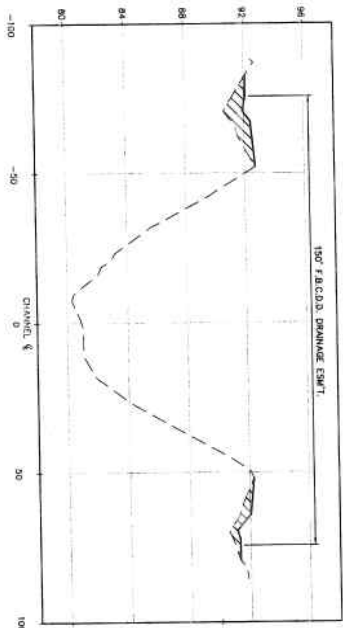
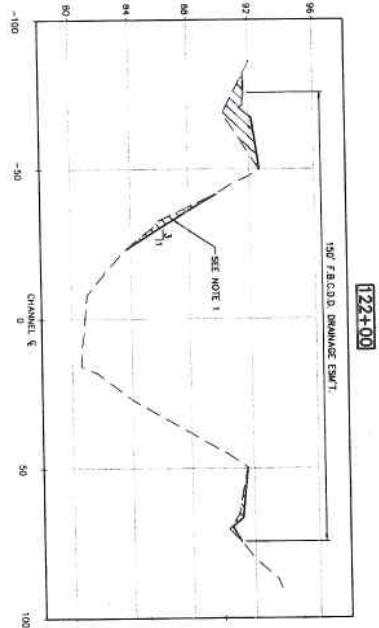
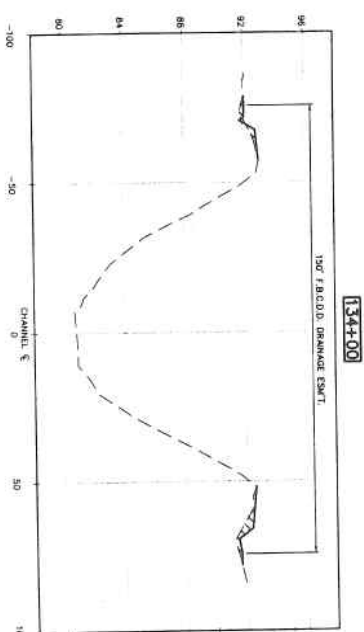
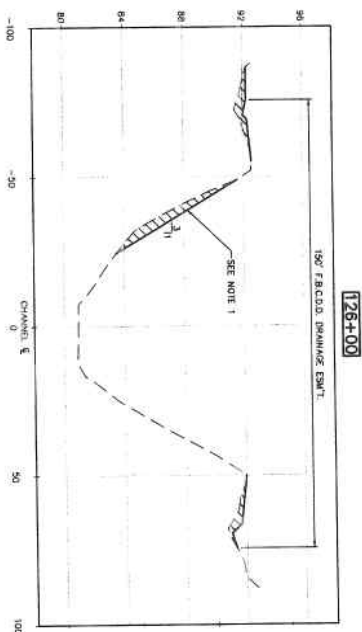
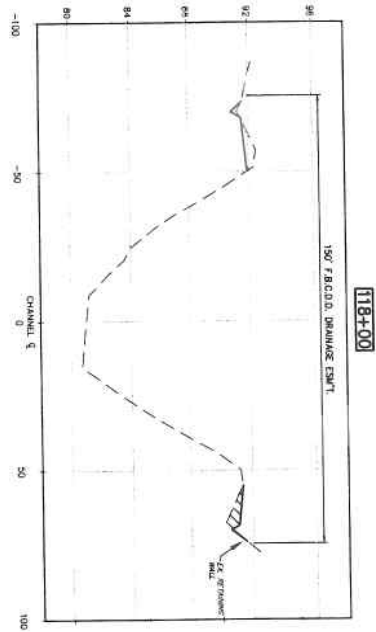
- NOTES:
1. REINFORCE CHANNEL, SIZE 3/8" X 3/8" TO 3/1" ON FLATTEES. LEAVE NO EXPOSURE ON RILLS DEEPER THAN 4". ESTABLISH TURN PER NOTE 3.
 2. CONTRACTOR TO REMOVE AND HAIL ALL EXISTING TOP SOIL OFFSITE. AFTER GRADES ARE ESTABLISHED, TOPSOIL SHALL IMPORT AND PLACE 4" OF TOPSOIL ALONG ENTIRE PROJECT LENGTH.
 3. ESTABLISH RILL GRASS ON ALL AREAS WITHIN THE CHANNEL, RIGHT-OF-WAY IN ACCORDANCE WITH PROJECT SPEC. 02021 EXCEPT IN THE CHANNEL BOTTOM.

LONG POINT SLOUGH
MAINTENANCE

CROSS SECTION
(SHEET 3 OF 9)

JOE MURPHY	1223-00
------------	---------

Labels/Title	Room & Day	Orientation	City
Room	Room	Room	Room
Date	Date	Date	Date
Notes	Notes	Notes	Notes



1. REMOVE CHANNEL, SOLE SLOPES TO 3:1 ON FLATTER LEAVE NO EROSION OR HILLS DEEPER THAN 4". ESTABLISH TIE PER MTD 3.
2. CONTRACTOR TO REMOVE AND HAIL ALL EXISTING TOP SOIL OR SITE. AFTER GRADES ARE ESTABLISHED CONTRACTOR SHALL IMPORT AND PLACE 4" OF TOPSOIL ALONG ENTIRE PROJECT LENGTH.
3. ESTABLISH TIE GRASS ON ALL AREAS WITHIN THE CHANNEL RIGHT-OF-WAY IN ACCORDANCE WITH PROJECT FILE. GRASS EXIST IN THE CHANNEL BOTTOM.

REV. NO.	DATE	DESCRIPTION	P. 2
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**BROWN
& GAY**
ENGINEERS, INC.



LEVEE IMPROVEMENT DISTRICT 12

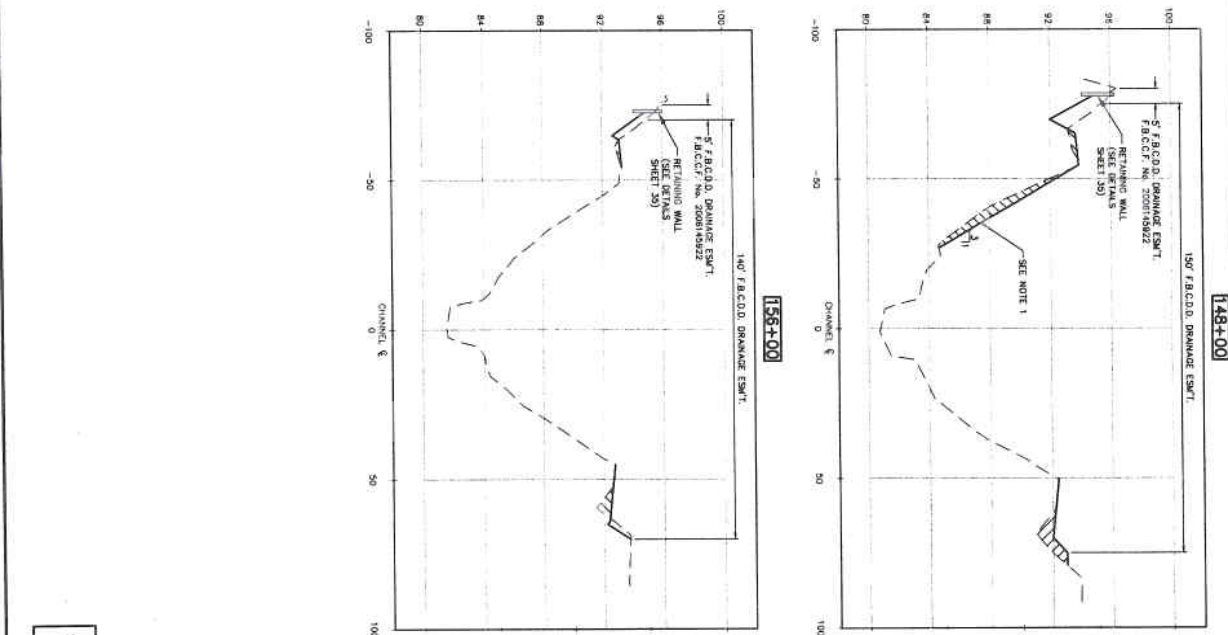
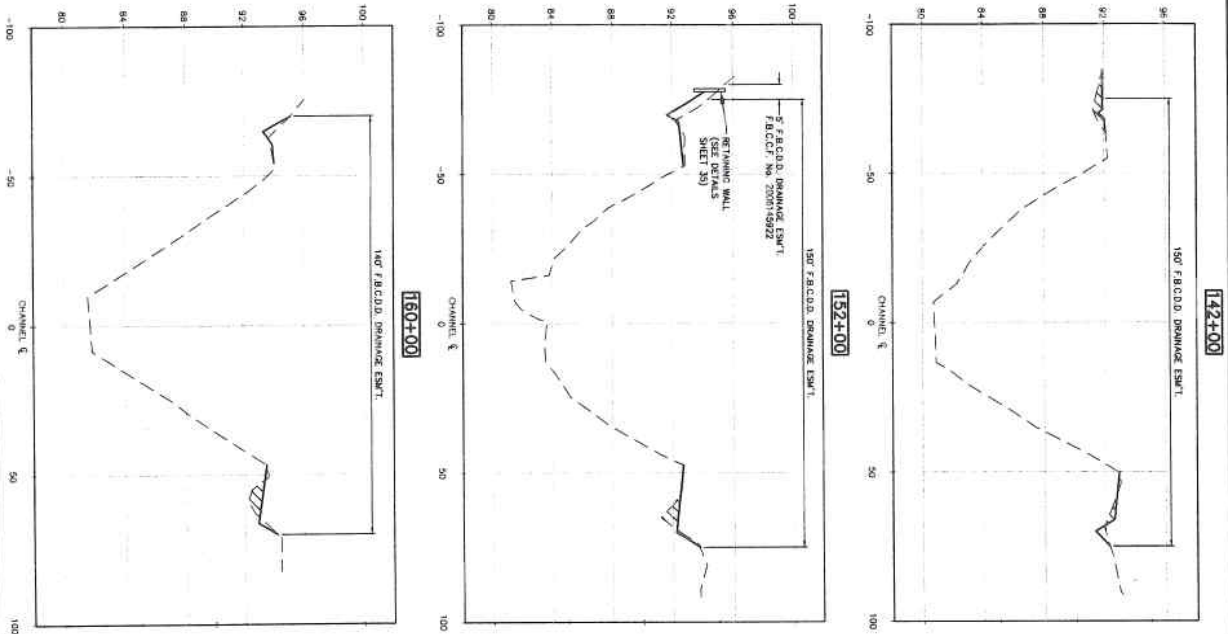
LONG POINT SLOUGH
MAINTENANCE

CROSS SECTION
(SHEET 4 OF 9)

ALL CROSS
SECTIONS ARE
LOOKING UP
STATION

11/2/13

JOB NUMBER:		1223-00
SUBMITTER: Bureau of Land Management, Inc. SCALE: 1:50,000 DATE: 10/1/88 BY: [Signature] PROJECT: [Signature]	PROJECT NO.: SHEET NO.: 25 OF 35 SHEETS PROJECT TITLE: [Signature]	DATE: 10/1/88 BY: [Signature]



ALL CROSS
SECTIONS ARE
LOOKING UP
STATION

4/2/13

- NOTES
1. REGRADE CHANNEL SIDE SLOPES TO 3:1 OR FLATTER. LEAVE NO DITCHES OR HILLS DEEPER THAN 4". ESTABLISH TOP FOR NOTE 3.
 2. CONTRACTOR TO REMOVE AND MAINTAIN EXISTING CHANNEL SLOPES AND MAINTAIN EXISTING TOPS. CONTRACTOR SHALL IMPROVE AND PLACE 4" OF TOPSOIL ALONG ENTIRE PROJECT LENGTH.
 3. ESTABLISH TYPE GRASS ON ALL AREAS WITHIN THE PROJECT SLOPE. GRASS EXCEPT IN THE CHANNEL BOTTOM.

REV	DATE	DESCRIPTION	BY
1			
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BROWN & GAY
ENGINEERS, INC.

1223-00

CROSS SECTION
(SHEET 5 OF 9)

LONG POINT SLOUGH
MAINTENANCE

LEVÉE IMPROVEMENT DISTRICT 12

DATE: 10/13/13

SCALE: 1" = 20'

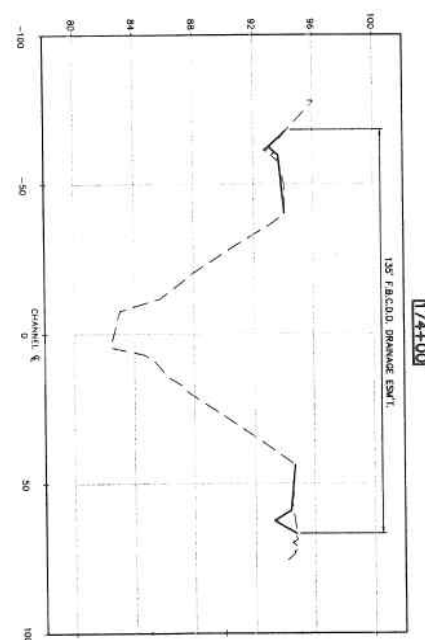
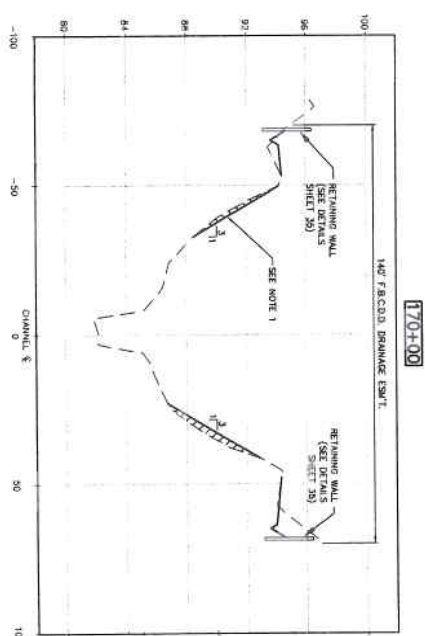
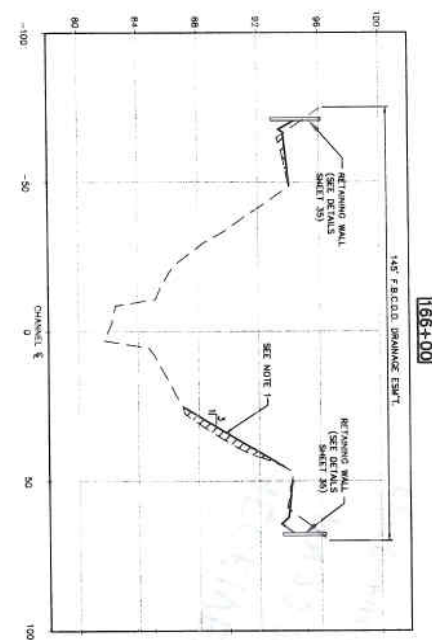
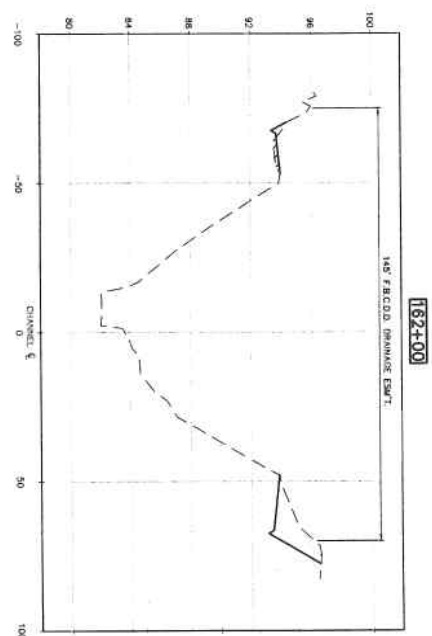
BY: JAG

CHECKED BY: JAG

APPROVED BY: JAG

DATE: 10/13/13

SHEET NO. 26 OF 35




ALL CROSS
SECTIONS ARE
LOOKING UP
STATION

more 4/2/13

[illegible]

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BROWN & GAY
ENGINEERS, INC.
10000 Highway 22, Suite 200
Houston, Texas 77058
Tel: 281-465-1100
Fax: 281-465-1101
www.brownandgay.com



Handwritten signature: [Signature]

Mayor, City of Houston
Houston, Texas 77001
1-713-694-6800

LEVEE IMPROVEMENT DISTRICT 12

CROSS SECTION
(SHEET 7 OF 9)

LONG POINT SLAUGH
MAINTENANCE

CROSS SECTION
(SHEET 7 OF 9)

208 NUMBER:

1223-00

DATE: 10/1/2010
BY: [Signature]
CHKD: [Signature]
APPD: [Signature]
DATE: 10/1/2010
BY: [Signature]
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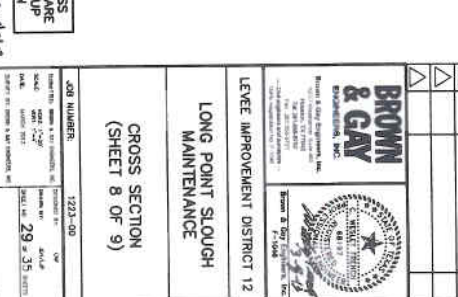
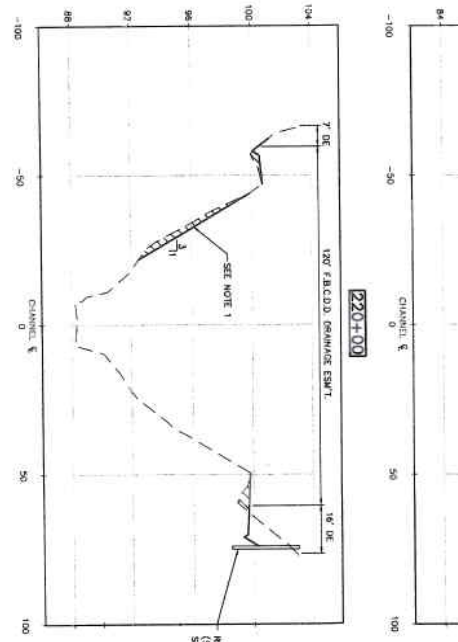
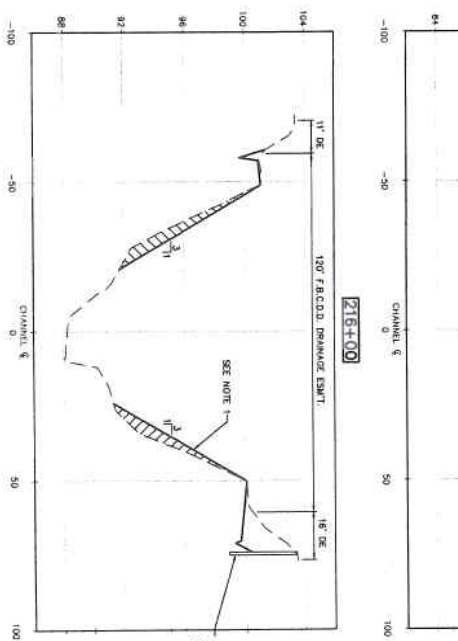
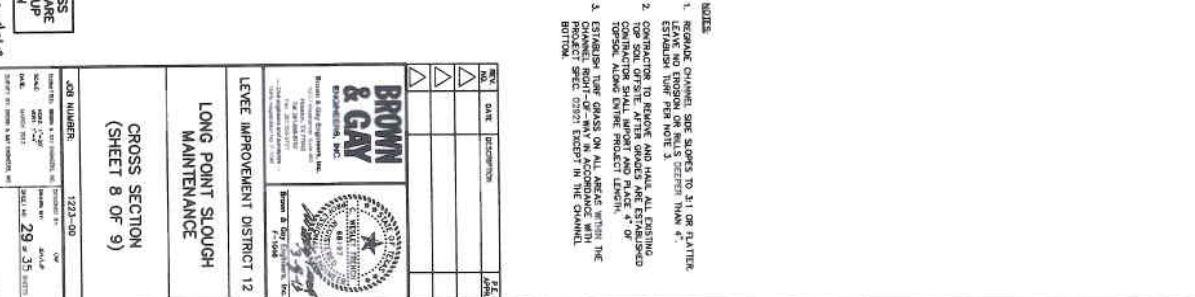
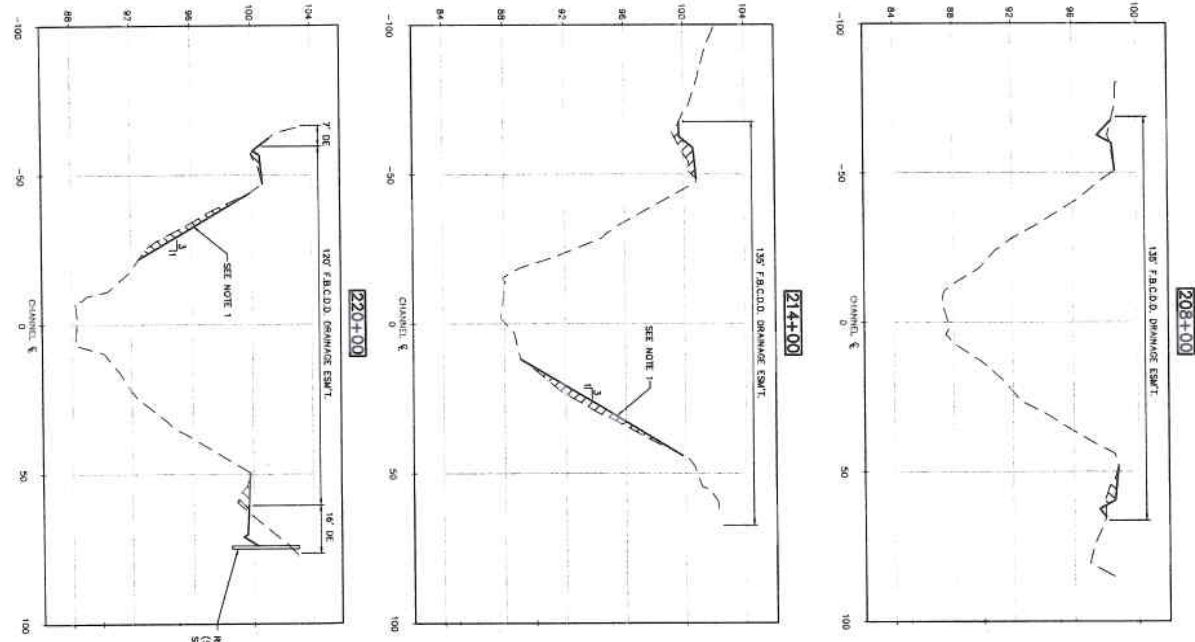
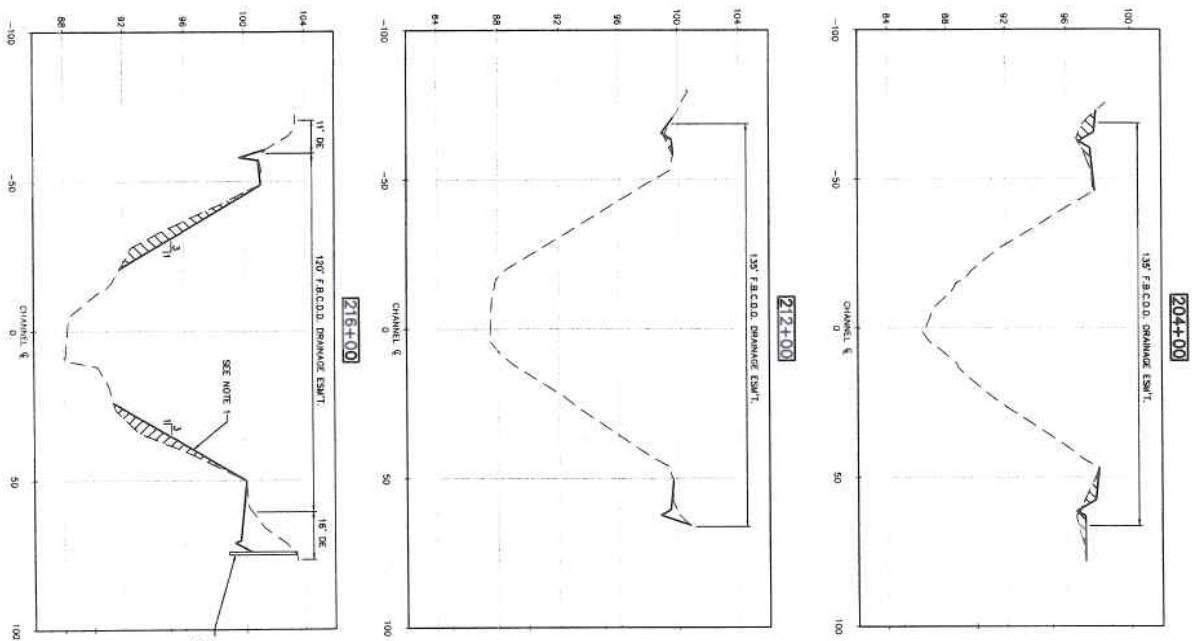
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208 NUMBER:

1223-00

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APPD: [Signature]
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1223-00



- NOTES
1. REGRADE CHANNEL SIDE SLOPES TO 3:1 OR FLATTER. LEAVE NO EROSION OR HILLS GREATER THAN 4".
 2. ESTABLISH TOP OF EMBANKMENT AND BANKS. ALL EXISTING CONSTRUCTION SHALL BE REMOVED AND REPLACED WITH NEW CONSTRUCTION. CONTRACTOR SHALL REPORT AND PLACE 4" OF TOPSOIL ALONG ENTIRE PROJECT LENGTH.
 3. ESTABLISH TOP OF GRASS ON ALL AREAS WITHIN THE PROJECT SPEC. 02021 EXCEPT IN THE CHANNEL BOTTOM.

ALL CROSS SECTIONS ARE LOOKING UP STATION

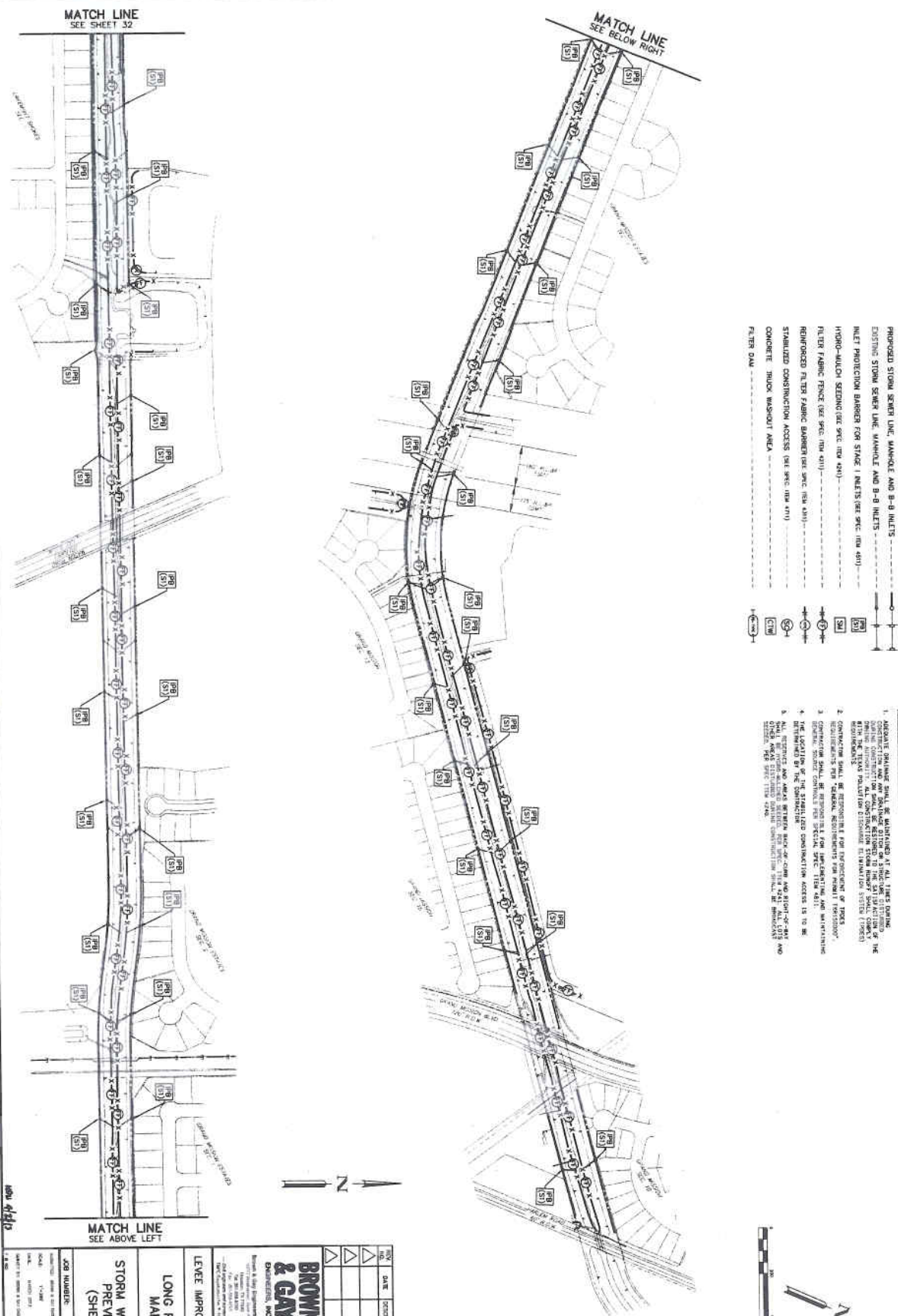
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JOB NUMBER:		1233-00
DESIGNER: SHAW & SHAW, INC.	DESIGNED BY:	CS
SCALE: 1"=20'	DATE: 1-1-77	APPROVED BY:
CHECKED BY: JAMES A. SHAW, INC.	DRAWN NO:	30 OF 35 SHEETS
1-1-77		

NOV 6/2/13



LEGEND

- PROPOSED STORM SCREEN LINE, MANHOLE AND B-B INLETS
- EXISTING STORM SCREEN LINE, MANHOLE AND B-B INLETS
- INLET PROTECTION BARRIER FOR STAGE 1 INLETS (SEE SPEC. ITEM 401)
- HYDRO-MULCH SEEDING (SEE SPEC. ITEM 401)
- FLUX FABRIC FENCE (SEE SPEC. ITEM 401)
- REINFORCED FILTER FABRIC BARRIER (SEE SPEC. ITEM 401)
- STABILIZED CONSTRUCTION ACCESS (SEE SPEC. ITEM 401)
- CONCRETE TRUCK WASHOUT AREA
- FILTER DAM

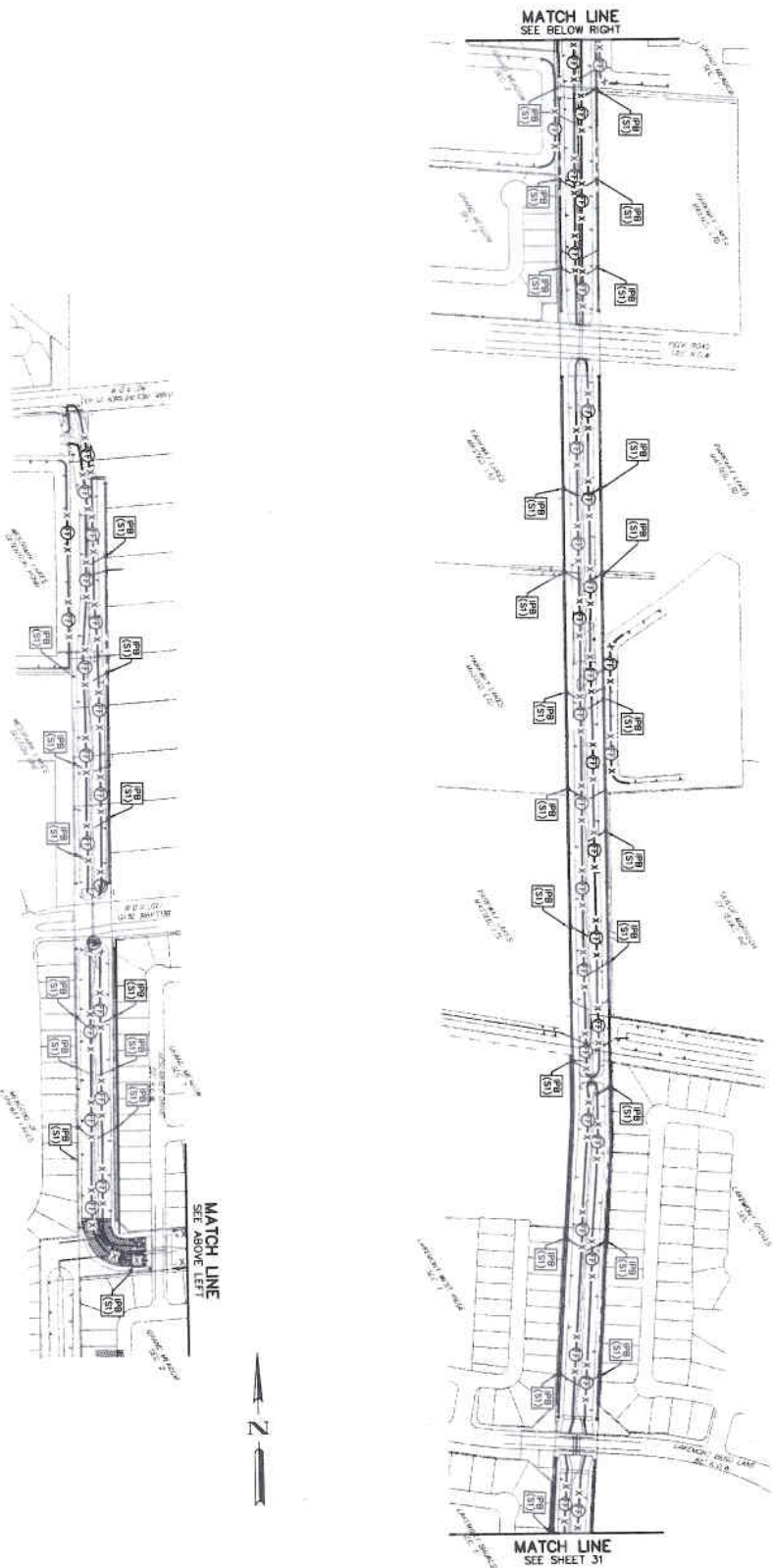
INSTALLATION INSTRUCTIONS

1. MANHOLE DRAINAGE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION. MANHOLE DRAINAGE SHALL BE RESTORED TO THE EXISTING CONDITION WITH THE EXISTING MANHOLE DRAINAGE RESTORATION SYSTEM (ITEM 401).
2. CONSTRUCTION SHALL BE ACCORDING TO THE REQUIREMENTS OF THE SPECIFICATIONS AND THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SEVENTH EDITION, 1995, AND THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SEVENTH EDITION, 1995, AND THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, SEVENTH EDITION, 1995.
3. CONSTRUCTION SHALL BE ACCORDING TO THE REQUIREMENTS AND MAINTENANCE OF THE EXISTING STORM SCREEN LINE, MANHOLE AND B-B INLETS.
4. THE LOCATION OF THE STABILIZED CONSTRUCTION ACCESS IS TO BE DETERMINED BY THE ENGINEER AND SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE RESTORED TO THE EXISTING CONDITION WITH THE EXISTING CONSTRUCTION ACCESS RESTORATION SYSTEM (ITEM 401).
5. THE LOCATION OF THE STABILIZED CONSTRUCTION ACCESS IS TO BE DETERMINED BY THE ENGINEER AND SHALL BE MAINTAINED AT ALL TIMES AND SHALL BE RESTORED TO THE EXISTING CONDITION WITH THE EXISTING CONSTRUCTION ACCESS RESTORATION SYSTEM (ITEM 401).

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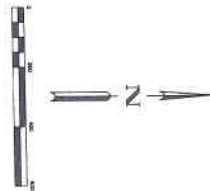
BROWN & GAY ENGINEERS, INC.
 1223-00
 LONG POINT SLOUGH MAINTENANCE
 STORM WATER POLLUTION PREVENTION PLAN
 (SHEET 1 OF 2)

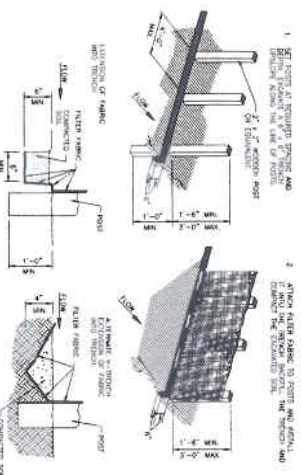


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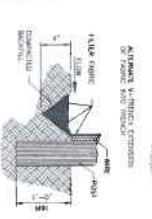
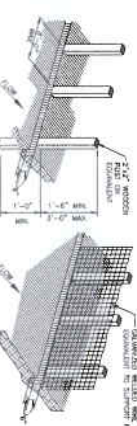
LEGEND

1. ACCOUNT ONLINE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION AND SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT. THE ACCOUNT SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT. THE ACCOUNT SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PROJECT ACCOUNT ONLINE. THE ACCOUNT SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE PROJECT ACCOUNT ONLINE. THE ACCOUNT SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT.
4. THE LOCATION OF THE ACCOUNT ONLINE SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT. THE ACCOUNT SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT.
5. ALL ACCOUNTS ONLINE SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT. THE ACCOUNT SHALL BE KEPT OPENED TO THE EXTENT OF THE PROJECT.

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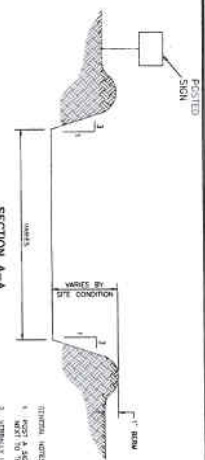


FILTER FABRIC FENCE

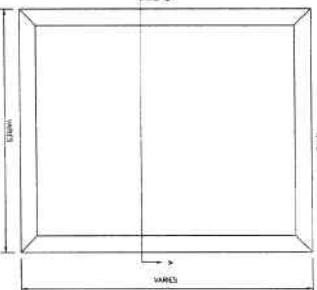


1. SECURELY FASTEN BELT TIGHTENING TO COILS WITH STAPLES OR IN OTHERS.
2. SECURELY FASTEN FILTER FABRIC TO BELT WITH STAPLES.
3. BRUSH TWO SECTIONS OF FILTER FABRIC ALONG EACH OTHER (OUTWARD & INWARD) AT 45° ANGLE TO BELT, AND ATTACH TO A POST.
4. REMOVE STAPLES AND DISPOSE WITH BELT ATTACHED ONE-TWENTY UP THE REAR OF THE TANK AT 10° ANGLE.

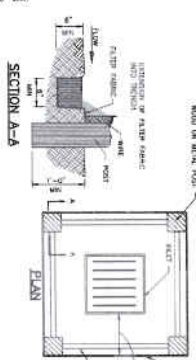
**REINFORCED
FILTER FABRIC BARRIER**



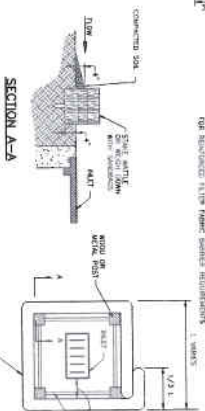
SECTION A-8



CONCRETE TRUCK WASHOUT AREA



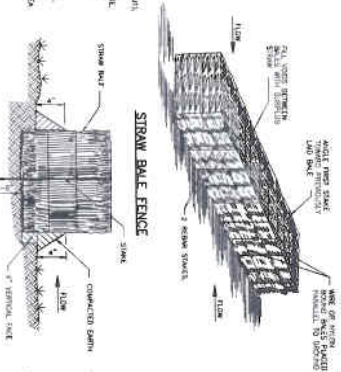
SECTION A-A



SECTION A-A



INLET PROTECTION BARRIERS
FOR STAGE 1 INLETS

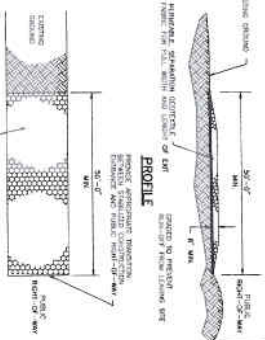


STRAW BALE FENCE



1. LEAD TO GREAT RESULTS FOR PURPOSES OF LOW FUEL COSTS THROUGH THE USE OF THE FOLLOWING:
 - a. FUEL CONSUMPTION
 - b. FUEL EFFICIENCY
 - c. FUEL ECONOMY
 - d. FUEL ECONOMY
 2. FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT. THE USE OF FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT.
 3. FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT. THE USE OF FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT.
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 6. FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT. THE USE OF FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT.
 7. FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT. THE USE OF FUEL CONSUMPTION IS A KEY FACTOR IN THE COST OF OPERATING AIRCRAFT.
- STRAW BALE FENCE**

STRAW BALE FENCE



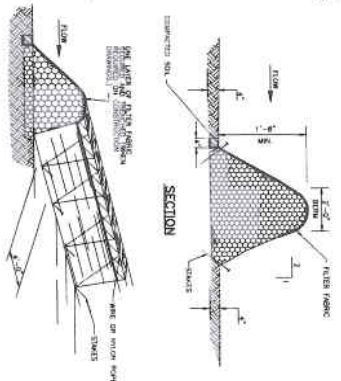
PROFILE



ANALYSIS

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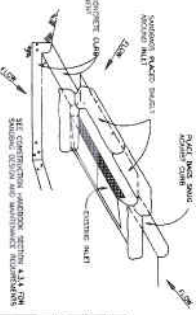
STABILIZED CONSTRUCTION ACCESS



SECTION



BRUSH BERM



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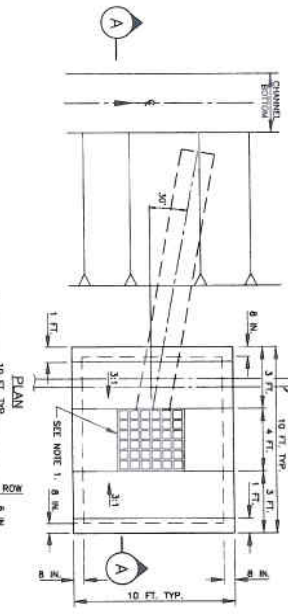
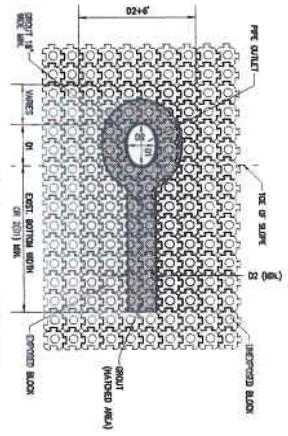
NUMEROUS MOTION

- REINFORCED STEELING DESIGN WITH THE STRAINING AND ACCUMULATION OF PLASTICITY IN THE CORNERS
- CONSTRUCTION MATERIALS
STEEL WITH MAXIMUM TENSILE STRENGTH
OF 550 MPa (79,200 PSI) AND YIELD STRENGTH
OF 460 MPa (66,600 PSI) (ASTM A572, GR. 50)
2001 DESIGN
- INLET PROTECTION
BARRIERS FOR
STAGE II INLETS**
- IN**
- STAINLESS

INLET PROTECTION
BARRIERS FOR
STAGE II INLETS

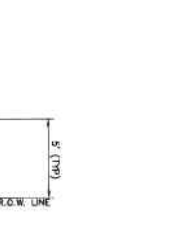
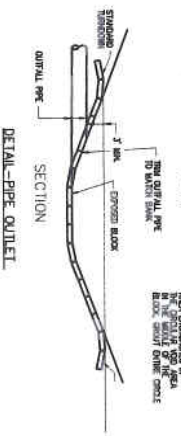


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INTERCEPTOR STRUCTURE DETAIL NOTES:

1. CONCRETE PAD AROUND INLET AND FLOW AS CONCRETE INTERCEPTOR STRUCTURE FOR UNIT FENCE SCHEDULE INLET TO HAVE GATE TOP, VALVE FLOWLINE CENTERLINE TO BE 1'-0\"/>



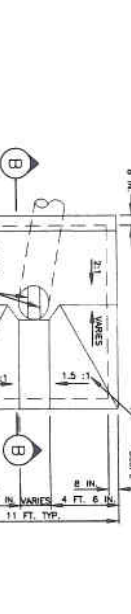
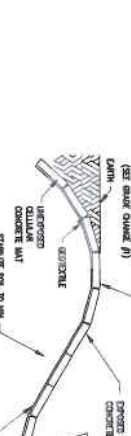
DETAIL-Pipe OUTLET:

1. SET PREPARATION FOR GUTTER TYPE, SEE SOI AND SEEDS FOR VERIFICATION.



TYPICAL BACKSLOPE DETAIL:

1. SET PREPARATION FOR GUTTER TYPE, SEE SOI AND SEEDS FOR VERIFICATION.



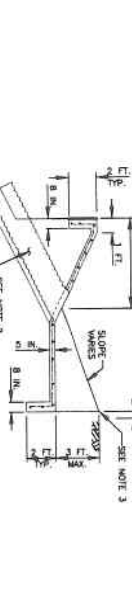
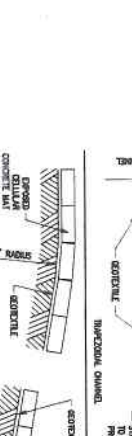
TRAPEZOIDAL CHANNEL DETAIL:

1. SET PREPARATION FOR GUTTER TYPE, SEE SOI AND SEEDS FOR VERIFICATION.



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TRAPEZOIDAL CHANNEL DETAIL:

1. SET PREPARATION FOR GUTTER TYPE, SEE SOI AND SEEDS FOR VERIFICATION.

PERFORMANCE BOND

Bond #4402430

STATE OF TEXAS

Contract Date December 14, 2015

COUNTY OF FORT BEND

Date Bond Executed December 14, 2015

KNOW ALL PERSONS BY THESE PRESENTS: That EISG, Inc (Contractor), of the City of Houston, County of Harris, and State of Texas, as Principal, and SureTec Insurance Company

authorized under the Laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto **Fort Bend County Levee Improvement District No. 12** (Owner), in the penal sum of Seven Hundred Seventy-One Thousand Seven Hundred Eighty Four Dollars and Fifty Cents (\$771,784.50) for the payment whereof, the said Principal and Surety bind themselves, and their respective officers, directors, shareholders, partners, administrators, executors, successors and assigns, jointly and severally, by these presents:

WHEREAS, the Principal has entered into a certain written contract with the Owner, dated the _____ day of _____, 20__, for construction of:

Long Point Slough Maintenance, Phase Two

which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITION OF THIS OBLIGATION IS SUCH, that if the said Principal shall faithfully perform said Contract and shall in all respects duly and faithfully observe and perform all and singular the covenants, conditions and agreements in and by said contract agreed and covenanted by the Principal to be observed and performed, and according to the true intent and meaning of said Contract and the Documents and the Plans and Specifications related thereto, then this obligation shall be void; otherwise to remain in full force and effect;

PROVIDED, HOWEVER, that this bond is executed pursuant to the provisions of Chapter 2253 of the Texas Government Code as amended and all liabilities on this bond shall be determined in accordance with the provisions of said Statute to the same extent as if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract, or to work performed thereunder, or the plans, specifications, or drawings, accompanying the same, shall in anyway affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract, or the work to be performed thereunder.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument
14th day of December, 2015

EISG, Inc

Principal

BY: [Signature]

TITLE: Exec. V.P.

ADDRESS:

5353 W. Alabama St., Suite 340

Houston, TX 77056



SureTec Insurance Company

Surety

BY: [Signature]

TITLE: Michelle Ulery, Attorney in Fact

PHYSICAL ADDRESS:

1330 Post Oak Blvd., Ste. 1100

Houston, TX 77056

MAILING ADDRESS:

Same as above

TELEPHONE: 713-683-1475

LOCAL RECORDING AGENT
PERSONAL IDENTIFICATION NUMBER:

746941

The name and address of the Resident Agent of Surety is:

Southern American Insurance Agency, Inc., 13823 Schmidt Road, Cypress, TX 77429

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

C. A. McClure, Kelly J. Brooks, Kenneth L. Meyer, Michelle Ulery

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Five Million and 00/100 Dollars (\$5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 12/31/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 21st day of March, A.D. 2013.

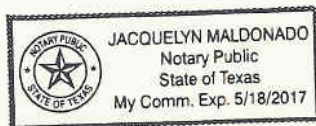
SURETEC INSURANCE COMPANY

By: [Signature]
John Knox Jr., President

State of Texas SS:
County of Harris



On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



[Signature]
Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 14 day of December, 2015, A.D.

[Signature]
M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

SureTec Insurance Company
THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION
Statutory Complaint Notice/Filing of Claims

To obtain information or make a complaint: You may call the Surety's toll free telephone number for information or to make a complaint or file a claim at: 1-866-732-0099. You may also write to the Surety at:

SureTec Insurance Company
9737 Great Hills Trail, Suite 320
Austin, Tx 78759

You may contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252-3439. You may write the Texas Department of Insurance at

PO Box 149104
Austin, TX 78714-9104
Fax#: 512-475-1771
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.state.tx.us

PREMIUM OR CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim, you should contact the Surety first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

Terrorism Risks Exclusion

The Bond to which this Rider is attached does not provide coverage for, and the surety shall not be liable for, losses caused by acts of terrorism, riot, civil insurrection, or acts of war.

**Exclusion of Liability for
Mold, Mycotoxins, Fungi & Environmental Hazards**

The Bond to which this Rider is attached does not provide coverage for, and the surety thereon shall not be liable for, molds, living or dead fungi, bacteria, allergens, histamines, spores, hyphae, or mycotoxins, or their related products or parts, nor for any environmental hazards, bio-hazards, hazardous materials, environmental spills, contamination, or cleanup, nor the remediation thereof, nor the consequences to persons, property, or the performance of the bonded obligations, of the occurrence, existence, or appearance thereof.

PAYMENT BOND

Bond #4402430

STATE OF TEXAS

Contract Date December 14, 2015

COUNTY OF FORT BEND

Date Bond Executed December 14, 2015

KNOW ALL PERSONS BY THESE PRESENTS: That EISG, Inc (Contractor), of the City of Houston, County of Harris, and State of Texas, as Principal, and SureTec Insurance Company

authorized under the Laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto **Fort Bend County Levee Improvement District No. 12** (Owner), in the penal sum of Seven Hundred Seventy-One Thousand Seven Hundred Eighty Four Dollars and Fifty Cents (\$771,784.50) for the payment whereof, the said Principal and Surety bind themselves, and their respective officers, directors, shareholders, partners, heirs, administrators, executors, successors and assigns, jointly and severally, by these presents:

WHEREAS, the Principal has entered into a certain written contract with the Owner, dated the _____ day of _____, 20__, for construction of:

Long Point Slough Maintenance, Phase Two

which contract is hereby referred to and made a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION IS SUCH, that if the said Principal shall pay all claimants supplying labor and material to him or a subcontractor in the prosecution of the work provided for in said contract, then, this obligation shall be void; otherwise to remain in full force and effect;

PROVIDED, HOWEVER, That this bond is executed pursuant to the provisions of Chapter 2253 of the Texas Government Code as amended and all liabilities on this bond shall be determined in accordance with the provisions of said Statute to the same extent as if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract, or to work performed thereunder, or the plans, specifications, or drawings, accompanying the same, shall in anyway affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract, or the work to be performed thereunder.

IN WITNESS WHEREOF, the said Principal and Surety have signed and sealed this instrument
14 day of December, 2015

EISG, Inc

Principal

BY: [Signature]

TITLE: Exec. V.P.

ADDRESS:

5353 W. Alabama St., Suite 340

Houston, TX 77056



SureTec Insurance Company

Surety

BY: [Signature]

TITLE: Michelle Ulery, Attorney in Fact

PHYSICAL ADDRESS:

1330 Post Oak Blvd., Ste. 1100

Houston, TX 77056

MAILING ADDRESS:

Same as above

TELEPHONE: 713-683-1475

LOCAL RECORDING AGENT
PERSONAL IDENTIFICATION NUMBER:

746941

The name and address of the Resident Agent of Surety is:

Southern American Insurance Agency, Inc., 13823 Schmidt Road, Cypress, TX 77429

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

C. A. McClure, Kelly J. Brooks, Kenneth L. Meyer, Michelle Ulery

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Five Million and 00/100 Dollars (\$5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 12/31/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 21st day of March, A.D. 2013.

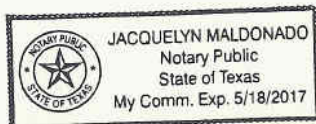
SURETEC INSURANCE COMPANY

By: [Signature]
John Knox Jr., President

State of Texas SS:
County of Harris



On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.



[Signature]
Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 14 day of December, 2015, A.D.

[Signature]
M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

SureTec Insurance Company
THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION
Statutory Complaint Notice/Filing of Claims

To obtain information or make a complaint: You may call the Surety's toll free telephone number for information or to make a complaint or file a claim at: 1-866-732-0099. You may also write to the Surety at:

SureTec Insurance Company
9737 Great Hills Trail, Suite 320
Austin, Tx 78759

You may contact the Texas Department of Insurance to obtain information on companies, coverage, rights or complaints at 1-800-252-3439. You may write the Texas Department of Insurance at

PO Box 149104
Austin, TX 78714-9104
Fax#: 512-475-1771
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.state.tx.us

PREMIUM OR CLAIM DISPUTES: Should you have a dispute concerning your premium or about a claim, you should contact the Surety first. If the dispute is not resolved, you may contact the Texas Department of Insurance.

Terrorism Risks Exclusion

The Bond to which this Rider is attached does not provide coverage for, and the surety shall not be liable for, losses caused by acts of terrorism, riot, civil insurrection, or acts of war.

**Exclusion of Liability for
Mold, Mycotoxins, Fungi & Environmental Hazards**

The Bond to which this Rider is attached does not provide coverage for, and the surety thereon shall not be liable for, molds, living or dead fungi, bacteria, allergens, histamines, spores, hyphae, or mycotoxins, or their related products or parts, nor for any environmental hazards, bio-hazards, hazardous materials, environmental spills, contamination, or cleanup, nor the remediation thereof, nor the consequences to persons, property, or the performance of the bonded obligations, of the occurrence, existence, or appearance thereof.

bond #4402430

MAINTENANCE BOND

STATE OF TEXAS

Contract Date: December 14, 2015

COUNTY OF FORT BEND

Date Bond Executed December 14, 2015

KNOW ALL MEN BY THESE PRESENTS: That EISG, Inc (Contractor), of the City of Houston, County of Harris, and State of Texas, as Principal, and SureTec Insurance Company authorized under the Laws of the State of Texas to act as surety on bonds for principals, are held and firmly bound unto **Fort Bend County Levee Improvement District No. 12** (Owner), in the amount equal to **100%** of the total contract price, in the penal sum of Seven Hundred Seventy-One Thousand Seven Hundred Eighty Four Dollars and Fifty Cents (\$771,784.50) for the payment whereof, the said Principal and Surety bind themselves, and their heirs, administrators, executors, successors and assigns, jointly and severally, by these presents:

WHEREAS, the Principal has entered into a certain written contract with the Owner, dated the _____ day of _____, 2015, for construction of:

Long Point Slough Maintenance, Phase Two

which contract is hereby referred to and make a part hereof as fully and to the same extent as if copied at length herein.

NOW, THEREFORE, THE CONDITIONS OF THIS OBLIGATION IS SUCH, that if the said Principal shall repair any and all defects in said work occasioned by or resulting from defects in materials furnished by, or workmanship of, the Principal in performing the work covered by the Contract, occurring within a period of two years beginning on the date of termination of the Performance Bond as required under this Contract, in accordance with the provisions of the Contract, then, this obligation shall be void; otherwise to remain in full force and effect;

PROVIDED, HOWEVER, That this bond is executed pursuant to the provisions of Chapter 2253 of the Texas Government Code as amended and all liabilities on this bond shall be determined in accordance with the provisions of said Statute to the same extent as if it were copied at length herein.

Surety, for value received, stipulates and agrees that no change, extension of time, alteration or addition to the terms of the contract, or to work performed thereunder, or the plans, specifications, or drawings, accompanying the same, shall in anyway affect its obligation on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the contract, or the work to be performed thereunder.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on this date, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.



(seal)

(CONTRACTOR) EISG, INC

WITNESS: _____

BY: _____

(SURETY) SureTec Insurance Company

WITNESS: _____

Sheila Fink, Secretary

BY: _____

Michelle Ulery, Attorney in Fact

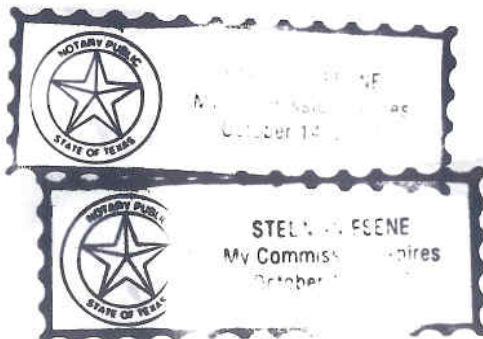
CERTIFICATE AS TO CORPORATE PRINCIPAL

I, Barry Esene, certify
that I am the Secretary of the Corporation named as Principal in the within bond; that Barry Esene is the executive vice president
who signed the said bond
on behalf of the Principal, was then Executive Vice President
of said corporation,
that I know his signature and his signature thereto is genuine and that said bond was duly
designed, and attested for in behalf of said corporation by authority of its governing body.



(Corporate Seal)

Subscribed and sworn to before me, the undersigned authority, on this 12th day of November, 2015



Notary Public in and for Harris County

SureTec Insurance Company

LIMITED POWER OF ATTORNEY

Know All Men by These Presents, That SURETEC INSURANCE COMPANY (the "Company"), a corporation duly organized and existing under the laws of the State of Texas, and having its principal office in Houston, Harris County, Texas, does by these presents make, constitute and appoint

C. A. McClure, Kelly J. Brooks, Kenneth L. Meyer, Michelle Ulery

its true and lawful Attorney-in-fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include waivers to the conditions of contracts and consents of surety for:

Five Million and 00/100 Dollars (\$5,000,000.00)

and to bind the Company thereby as fully and to the same extent as if such bond were signed by the President, sealed with the corporate seal of the Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney-in-Fact may do in the premises. Said appointment shall continue in force until 12/31/2016 and is made under and by authority of the following resolutions of the Board of Directors of the SureTec Insurance Company:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and of behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached. (Adopted at a meeting held on 20th of April, 1999.)

In Witness Whereof, SURETEC INSURANCE COMPANY has caused these presents to be signed by its President, and its corporate seal to be hereto affixed this 21st day of March, A.D. 2013.

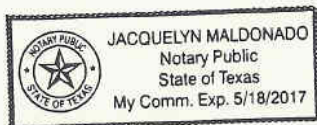
SURETEC INSURANCE COMPANY


By: 
John Knox Jr., President

State of Texas SS:
County of Harris



On this 21st day of March, A.D. 2013 before me personally came John Knox Jr., to me known, who, being by me duly sworn, did depose and say, that he resides in Houston, Texas, that he is President of SURETEC INSURANCE COMPANY, the company described in and which executed the above instrument; that he knows the seal of said Company; that the seal affixed to said instrument is such corporate seal; that it was so affixed by order of the Board of Directors of said Company; and that he signed his name thereto by like order.




Jacquelyn Maldonado, Notary Public
My commission expires May 18, 2017

I, M. Brent Beaty, Assistant Secretary of SURETEC INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Company, which is still in full force and effect; and furthermore, the resolutions of the Board of Directors, set out in the Power of Attorney are in full force and effect.

Given under my hand and the seal of said Company at Houston, Texas this 14 day of December, 2015, A.D.


M. Brent Beaty, Assistant Secretary

Any instrument issued in excess of the penalty stated above is totally void and without any validity.
For verification of the authority of this power you may call (713) 812-0800 any business day between 8:00 am and 5:00 pm CST.

SureTec Insurance Company
THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION
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SureTec Insurance Company
9737 Great Hills Trail, Suite 320
Austin, Tx 78759

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PO Box 149104
Austin, TX 78714-9104
Fax#: 512-475-1771
Web: <http://www.tdi.state.tx.us>
Email: ConsumerProtection@tdi.state.tx.us

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Terrorism Risks Exclusion

The Bond to which this Rider is attached does not provide coverage for, and the surety shall not be liable for, losses caused by acts of terrorism, riot, civil insurrection, or acts of war.

**Exclusion of Liability for
Mold, Mycotoxins, Fungi & Environmental Hazards**

The Bond to which this Rider is attached does not provide coverage for, and the surety thereon shall not be liable for, molds, living or dead fungi, bacteria, allergens, histamines, spores, hyphae, or mycotoxins, or their related products or parts, nor for any environmental hazards, bio-hazards, hazardous materials, environmental spills, contamination, or cleanup, nor the remediation thereof, nor the consequences to persons, property, or the performance of the bonded obligations, of the occurrence, existence, or appearance thereof.