

DESIGN CRITERIA:
 FRICTION = 0.35
 SOIL STRENGTH = 700 pcf
 F.S. OVERTURNING = 1.75

EXISTING:
 1. All walls shall be provided a MORTAR leveling course.
 2. All walls shall be set in UNDISTURBED SOIL OR ROCK to the minimum depth (D) specified on the Wall Schedule.

GENERAL:
 CLAY (C-1)

DESIGN CRITERIA:
 FRICTION = 0.35
 SOIL STRENGTH = 700 pcf
 F.S. OVERTURNING = 1.75

EXISTING:
 1. These specifications are applicable only for the site and retained height (H) shown herein.
 2. Temporary Slope - By barrier, compacted fill shall be constructed 1/2' up and cut back to original ground line.
 3. SURCHARGE (NONE) - NONE. No surcharge is required for structures located greater than 1.5H distance from retaining wall.
 4. Periodic observation during construction is recommended by engineer of record.
 5. Periodic observation during construction is recommended by engineer of record.
 6. If conditions change from those described herein, the contractor shall be responsible for determining the effect, if any, on the retaining wall design, and shall submit a written report to the engineer of record for approval.
 7. The 1997 Uniform Building Code.

MATERIALS:
 1. All MORTAR shall be Type S, 1,800 psi.
 2. STONE - Face stone and pattern shall be approved by owner. Stone rubble shall be "Blizzard" limestone cover. Stone rubble shall be properly placed and compacted to minimum 95% relative compaction.
 3. COMPACTED FILL - shall be properly placed and compacted to minimum 95% relative compaction.
 4. DRAIN - Continuous 3/4" x 2" angular gravel or crushed stone with max. 12 percent #200 sieve size. Provide with 1/4" x 1/4" x 1/4" filter fabric cover or equivalent.
 5. CAP - Most valve soil graded, compacted and finished with 1/2" x 1/2" x 1/2" concrete. Equipment and methods that will not damage walls.
 6. CONTROL JOINTS - (1/2"x3") shall be provided @ 25' spacing.

WALL SCHEDULE*

HEIGHT (H)	4'	5'	6'	7'	8'	9'	10'
WIDTH (B)	20"	24"	27"	30"	33"	36"	40"
EMBEDMENT (D)	8"	8"	8"	9"	9"	12"	12"
CAP HT.	12"	12"	12"	15"	15"	24"	24"

Minimum Bleeding Capacity = 2,000 pcf

JORDAN CONSULTING ENGINEERS
 2400 W. PARK VIEW DRIVE, SUITE 100
 ROCKWALL, TEXAS 75087-1000
 9/14/02

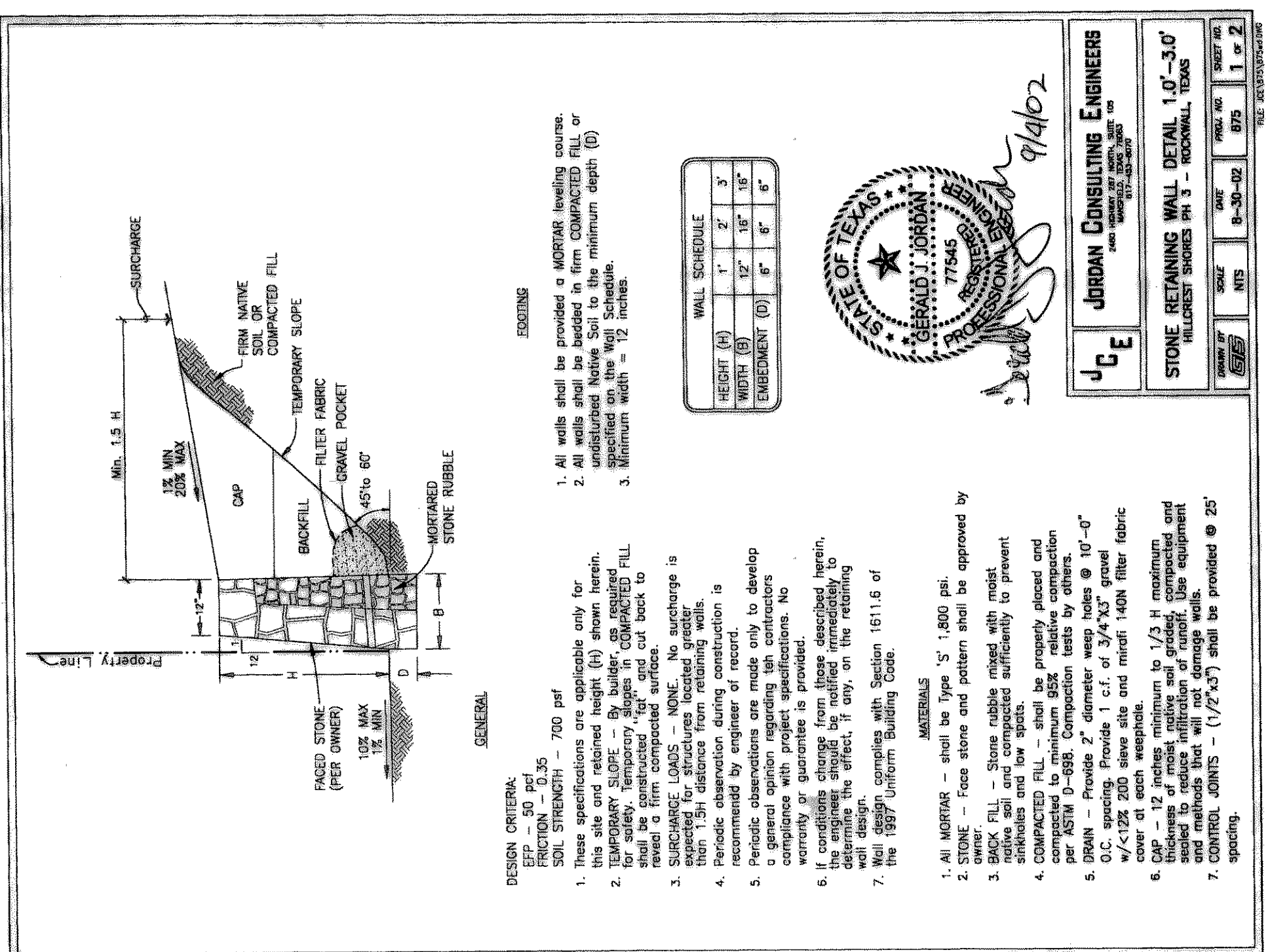
STONE RETAINING WALL DETAIL
 HILLCREST SHORES PH 3 - ROCKWALL, TEXAS

DATE: 9-30-02
 SHEET NO: 1 OF 2

PARK VIEW DRIVE RETAINING WALL

HEIGHT (FT)	1	2	3	4	5	6
BASE WIDTH (IN)	12	12	18	24	30	40
DEPTH (IN)	6	6	12	18	18	18

*Maximum 1,500 pcf bearing; 5:1 (H:V) toe slope; 4:1 top slope



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EXISTING:
 1. All walls shall be provided a MORTAR leveling course.
 2. All walls shall be set in UNDISTURBED SOIL OR ROCK to the minimum depth (D) specified on the Wall Schedule.
 3. Minimum width = 12 inches.

GENERAL:
 CLAY (C-1)

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 5. CAP - Most valve soil graded, compacted and finished with 1/2" x 1/2" x 1/2" concrete. Equipment and methods that will not damage walls.
 6. CONTROL JOINTS - (1/2"x3") shall be provided @ 25' spacing.

WALL SCHEDULE*

HEIGHT (H)	1'	2'	3'
WIDTH (B)	12"	12"	18"
EMBEDMENT (D)	8"	8"	8"
CAP HT.	12"	12"	12"

Minimum Bleeding Capacity = 2,000 pcf

JORDAN CONSULTING ENGINEERS
 2400 W. PARK VIEW DRIVE, SUITE 100
 ROCKWALL, TEXAS 75087-1000
 9/14/02

STONE RETAINING WALL DETAIL
 HILLCREST SHORES PH 3 - ROCKWALL, TEXAS

DATE: 9-30-02
 SHEET NO: 1 OF 2

PARK VIEW DRIVE RETAINING WALL

HEIGHT (FT)	1	2	3	4	5	6
BASE WIDTH (IN)	12	12	18	24	30	40
DEPTH (IN)	6	6	12	18	18	18

*Maximum 1,500 pcf bearing; 5:1 (H:V) toe slope; 4:1 top slope

RECORD DRAWINGS March 16, 2004
 NOTE: THE INTENT OF THE OWNER AND ENGINEER WAS TO CONSTRUCT THE IMPROVEMENTS ACCORDING TO THESE PLANS AS APPROVED BY THE CITY OF ROCKWALL. THE LINES AND GRADES WERE SET ON THE GROUND FOR CONSTRUCTION ACCORDING TO SAID PLANS. WE ARE NOT AWARE OF ANY CHANGES OR REVISION TO THESE PLANS DURING CONSTRUCTION EXCEPT AS NOTED ON THE PLANS.

STONE RETAINING WALL DETAILS
HILLCREST SHORES PHASE THREE
 CITY OF ROCKWALL
 ROCKWALL COUNTY, TEXAS

NO.	DATE	BY	REVISION
1	9/14/02	JDS	CITY MARKUPS
2	1/5/04	MSP	PARK VIEW DR. WALL SCHEDULE

DESIGN DRAWN CHECKED DATE SCALE JOB SHEET
 GJJ GJJ GJJ SEP. 2002 NTS 101-042 1

NOTE: THIS WALL DESIGN DOES NOT APPLY TO EXISTING STEEP SLOPES AT THE PROPERTY BOUNDARY. SPECIAL DESIGN IS REQUIRED FOR THESE CASES.