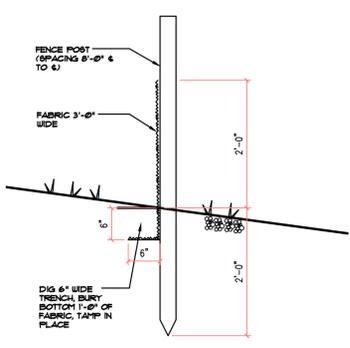


(ex.)= EXISTING GRADE
(new)= NEW GRADE
(ex. ftpt.)= AREA OF EXISTING HOME FOOTPRINT

LIST OF GRADE AVERAGES - EXISTING

| LOWEST | EXISTING | NEW |
|--------------------|---------------|-------------|
| #1 - 204.5 (new) | 203.0 (ex.) | 204.5 (new) |
| #2 - 204.0 (new) | --(ex. ftpt.) | 204.0 (new) |
| #3 - 204.0 (new) | --(ex. ftpt.) | 204.0 (new) |
| #4 - 204.0 (new) | --(ex. ftpt.) | 204.0 (new) |
| #5 - 204.0 (new) | --(ex. ftpt.) | 204.0 (new) |
| #6 - 203.0 (new) | --(ex. ftpt.) | 203.0 (new) |
| #7 - 202.0 (new) | 202.0 (ex.) | 202.0 (new) |
| #8 - 201.5 (ex.) | 201.5 (ex.) | 202.5 (new) |
| #9 - 201.5 (ex.) | 201.5 (ex.) | 203.0 (new) |
| #10 - 201.0 (ex.) | 201.0 (ex.) | 203.5 (new) |
| #11 - 200.75 (ex.) | 200.75 (ex.) | 203.5 (new) |
| #12 - 200.25 (ex.) | 200.25 (ex.) | 204.0 (new) |
| #13 - 200.0 (ex.) | 200.0 (ex.) | 204.0 (new) |
| #14 - 200.0 (ex.) | 200.0 (ex.) | 204.0 (new) |
| #15 - 200.0 (ex.) | 200.0 (ex.) | 204.0 (new) |
| #16 - 199.5 (ex.) | 199.5 (ex.) | 204.0 (new) |
| #17 - 199.5 (ex.) | 199.5 (ex.) | 204.0 (new) |
| #18 - 200.0 (ex.) | 200.0 (ex.) | 204.0 (new) |
| #19 - 200.5 (ex.) | 200.5 (ex.) | 204.0 (new) |
| #20 - 201.0 (ex.) | 201.0 (ex.) | 204.0 (new) |
| #21 - 201.25 (ex.) | 201.25 (ex.) | 204.0 (new) |
| #22 - 204.5 (new) | --(ex. ftpt.) | 204.5 (new) |
| #23 - 204.5 (new) | --(ex. ftpt.) | 204.5 (new) |

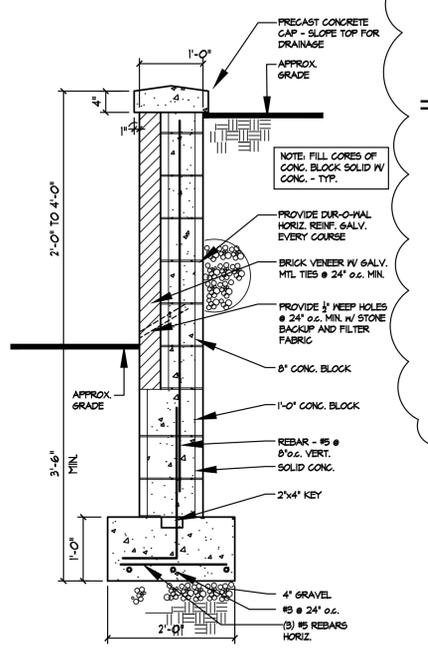
TOTAL = 4641.75
/23 =
201.75
AVG. GRADE
201.8
238.5
-203.5
35.0'



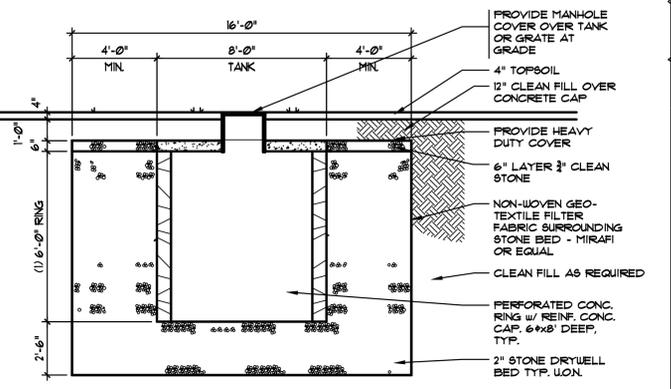
2 DETAIL SILT FENCE
A-0.2 SCALE: 3/4" = 1'-0"

TREE PROTECTION NOTES

- IMPORTANT - TREE PROTECTION REQUIRED FOR ALL TREES GREATER THAN 2" IN DIA. IN THE CONSTRUCTION AREA.
- 1) PROVIDE FENCING NEAR EDGE OF TREE DRIP LINE.
 - 2) GEO-TEXTILES FOR TEMPORARY ROADS, PATHS OF TRAVEL AND STORAGE AREAS.
A) USE LAYER OF GEO TEXTILE.
B) COVER WITH 4" OF WOOD CHIPS.
 - 3) POST CONSTRUCTION - PROVIDE ABRASION BY DRILLING A SERIES OF 2" DIA. HOLES 12"-18" DEEP IN 2' X 2' PATTERNS OVER THE CRITICAL ROOT ZONE IF IT HAS BEEN ACCIDENTALLY COMPACTED.



3 DETAIL RETAINING WALL
A-0.2 SCALE: 3/4" = 1'-0"



1 DETAIL STORM RETENTION SYSTEM
A-0.1 SCALE: 1/4" = 1'-0"

STORM RETENTION CALCS.

| | |
|---|-----------------------------|
| BUILDING COVERAGE | 2910 SF |
| AREA OF COVERAGE | 6372 SF |
| REQUIRED RETENTION | 6372 / 1000 X 250 = 1593 CF |
| RETENTION PROVIDED: | |
| 8' TANK X 6' DEEP | 300 CF |
| STONE BED + 15'X15'X8.5' LESS TANK AREA | 1912 CF |
| | 3202 CF |
| STONE STOR. CONVERSION X 33 | 1612 CF |
| | 532 CF |
| RETENTION PER TANK | 832 CF |
| 2 TANKS NEEDED - 2 X 832 = 1664 CF | OK |

INVENTORY OF EXISTING TREES
(TAG NUMBERS 1 TO 37 NOT USED)

| TAG NUMBER | DIAMETER | COMMON NAME | CONDITION |
|------------|------------|-------------------|-----------|
| 38 | 20" | SYCAMORE | GOOD |
| 39 | 24" | RED OAK | EXCELLENT |
| 40 | 24" | OAK | EXCELLENT |
| 41 | 16" | UMBRELLA MAGNOLIA | EXCELLENT |
| 42 | 18" DOUBLE | TULIP | FAIR |
| 43 | 24" | RED OAK | FAIR |
| 44 | 18" | LOCUST | FAIR |
| 45 | 18" | TULIP | FAIR |
| 46 | 18" | TULIP | FAIR |
| 47 | 22" | TULIP | GOOD |
| 48 | 24" | TULIP | FAIR |
| 49 | 12" DOUBLE | MAPLE | GOOD |
| 50 | 18" DOUBLE | TULIP | FAIR-POOR |
| 51 | 12" | TULIP | FAIR |
| 52 | 12" | STUMP | N/A |
| 53 | 16" TRIPLE | BLACK BIRCH | POOR |
| 54 | 18" | TULIP | FAIR |
| 55 | 12" TRIPLE | TULIP | POOR |
| 56 | 18" | TULIP | POOR |
| 57 | 6" | TULIP | POOR |
| 58 | 10" | TULIP | GOOD |
| 59 | 12" | EALDCYPRESS | EXCELLENT |
| 60 | 16" | EALDCYPRESS | EXCELLENT |
| 61 | 12" | EALDCYPRESS | EXCELLENT |
| 62 | 18" | TULIP | GOOD |
| 63 | 12" | EALDCYPRESS | GOOD |
| 64 | 10" | OAK | GOOD |
| 65 | 16" | STUMP | N/A |
| 66 | 12" | STUMP | N/A |
| 67 | 14" | STUMP | N/A |
| 68 | 10" | MAPLE | EXCELLENT |
| 69 | 6" | MAPLE | EXCELLENT |
| 70 | 6" | PIW OAK | EXCELLENT |
| 71 | 10" | LOCUST | GOOD |
| 72 | 8" | SHRUB | N/A |
| 73 | 16" | SYCAMORE | GOOD |
| 75 | 9" | BLACK BIRCH | POOR |

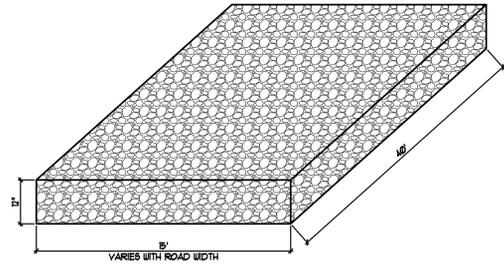
- GENERAL NOTES:**
1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IRC 2009, NJ EDITION AND THE UNIFORM CONSTRUCTION CODE OF NEW JERSEY, LATEST EDITION. FURTHERMORE, ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL ORDINANCES AND/OR AGENCIES HAVING JURISDICTION OVER THE PRESCRIBED WORK.
 2. ALL ARE TO ROUGH CONSTRUCTION UNLESS OTHERWISE NOTED. DO NOT SCALE DRAWINGS.
 3. THE CONTRACTOR SHALL BE COMPLETELY FAMILIAR WITH THE SITE AND DOCUMENTS PRIOR TO SUBMITTING HIS BID TO THE OWNER. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO THE START OF THE WORK.
 4. BRICK SHALL BE APPROVED BY THE ARCHITECT.
 5. DO NOT DIG PAST THE INDICATED B.O.F. (BOTTOM OF FOOTING) AS SHOWN ON THE DRAWINGS.

BUILDING DEPARTMENT NOTES
USE R-4 RESIDENTIAL CONSTRUCTION CLASS 5B AREA

FIRST FLOOR 221 SF
SECOND FL. 228.4 SF
TOTAL 4385 SF

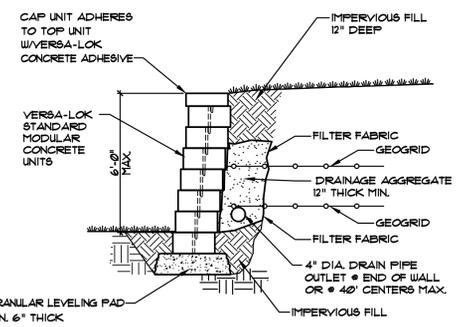
VOLUME 65,283 CUBIC FT.

| DESIGN LOADS: | LL | DL | DESIGN |
|---------------|----|----|--------|
| BEDROOMS | 30 | 10 | 40 PSF |
| LIVING AREAS | 40 | 10 | 50 PSF |
| HALLS | 40 | 10 | 50 PSF |
| ROOFS | 30 | 15 | 45 PSF |



WHEEL CLEANING BLANKET
NO SCALE

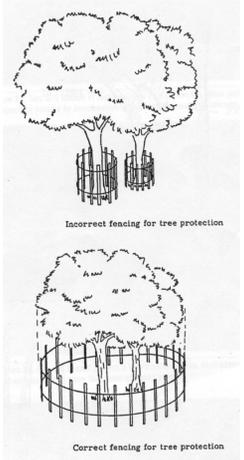
TRAFFIC CONTROL DEVICE SHALL CONSIST OF 2" DIAMETER STONE AS A MEANS OF CONTROLLING SOIL TRACKED OFF-SITE. ALL VEHICLES WILL LEAVE SITE AT TRAFFIC CONTROL POINTS.



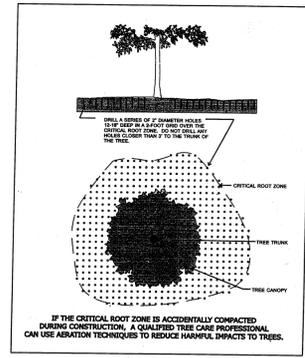
ALTERNATE SECTION-UNREINFORCED RETAINING WALL
SCALE: NONE

SITE PLAN
SCALE: 1" = 20'-0"

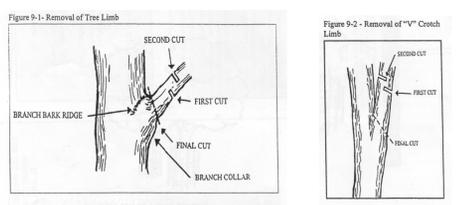
THIS SITE PLAN IS BASED ON A SURVEY DRAWN BY TEUNISEN SURVEYING & PLANNING CO., INC. CERT. OF AUTH. - GA 216928 319 SOUTH AVENUE FANWOOD, NJ 07103 DRAWING DATED JUNE 12, 2013



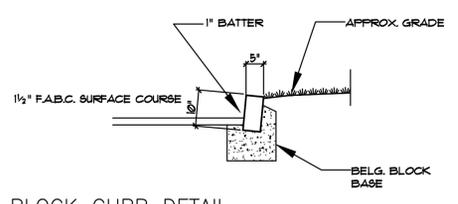
TREE PROTECTION DETAIL
NOT TO SCALE



TREE AERATION DETAIL
NOT TO SCALE



TREE PRUNING DETAILS
NOT TO SCALE



BLOCK CURB DETAIL
SCALE: NONE

- 8/1/13 ADDED RETAINING WALL AT REAR OF LOT
- 8-19-13 MISCELLANEOUS REVISIONS

| NO | DATE | REVISIONS |
|----|------|-----------|
|----|------|-----------|

PROPOSED NEW HOME FOR
MR. & MRS. ILAN REICH
29 CLIVE HILL ROAD
SHORT HILLS, N.J. 07078

SITE PLAN, INFORMATION AND DETAILS

JAMES S. KARAS, ARCHITECT
27 BRIAR HILLS CIRCLE
SPRINGFIELD, N.J. 07081
TEL. 973 - 467 - 9340
FAX 973 - 467 - 9355
JAMES S. KARAS
N.J. C-09067

| DATE | JOB NO |
|---------------|---------|
| JULY 14, 2013 | 13-0806 |

| SCALE | DWN. BY |
|----------|---------|
| AS NOTED | J.K. |

DWG. NO

A-0.2

| CHECKED | JOB NO |
|---------|---------|
| J.K. | 2 OF 12 |

29 CLIVE HILLS ROAD, SHORT HILLS, NEW JERSEY