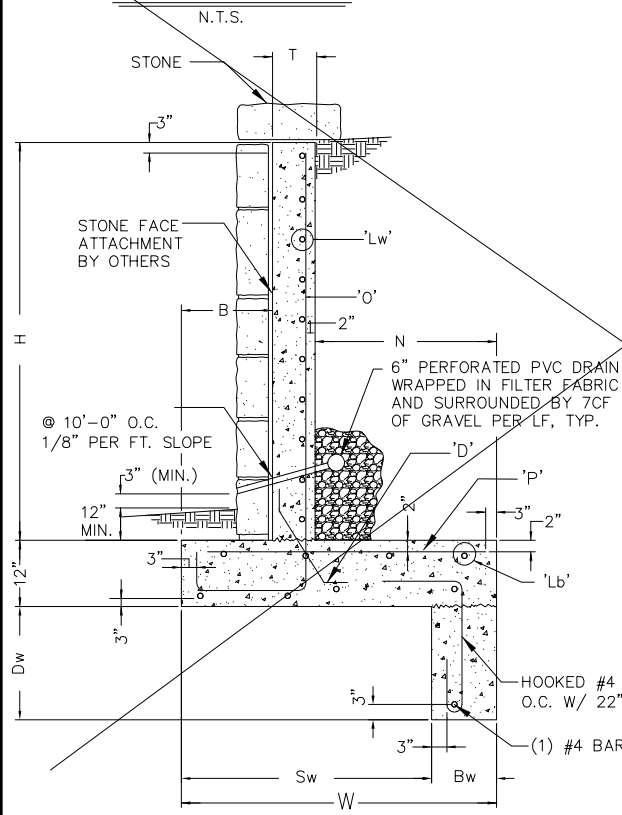


RETAINING WALL DETAILS

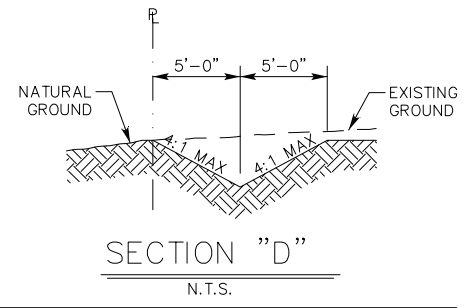


- NOTES:**
- DESIGN DATA USED: 1999 ACI BUILDING CODE
 - A. BACKFILL CONDITION 30°
 - B. INTERNAL FRICTION ANGLE 30°
 - C. BACKFILL DENSITY 115 PCF
 - D. ALLOWABLE FOOTING BEARING PRESS. 2800 PSF
 - E. ALLOWABLE PIER SOIL END BEARING 4000 PSF
 - F. ACTIVE SOIL UPLIFT 1000 PSF
 - CONTRACTOR SHALL VERIFY LOCATIONS OF ALL SET BACKS, EASEMENTS, PROPERTY LINES, ZONING AND ANY OTHER GOVERNING FACTORS OF WALL PLACEMENT.
 - IF FIELD CONDITIONS DIFFER FROM THOSE ABOVE PLEASE CONTACT ERIC L. DAVIS ENGINEERING PRIOR TO CONSTRUCTION.
 - PROVIDE POSITIVE DRAINAGE OF 5% MIN. SLOPE.
 - CONCRETE SHALL BE NORMAL WEIGHT, TRANSIT MIXED AND HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS.
 - ALL CONVENTIONAL REINFORCING BARS SHALL BE GRADE 60 IN ACCORDANCE WITH ASTM A615.
 - 'HK' DESIGNATES A 90° HOOK. IF 'HK' FLAG APPEARS BEFORE 'O' OR 'P' BAR CALLOUT, THEN HOOK TO BE IN TOE OF BASE. IF 'HK' APPEARS AFTER 'P' BAR CALLOUT, THEN HOOK TO BE IN HEEL OF BASE.
 - PROVIDE WALL CONTROL JOINTS AT 15'-0", MAX.
 - ALL FILL TO BE COMPACTED USING A SHEEP'S FOOT ROLLER TO 95% STD. DENSITY (MIN).
 - A LETTER FROM LICENSED CIVIL ENGINEER WILL BE REQUIRED (SEALED & SIGNED) STATING THAT THE RETAINING WALL WAS CONSTRUCTED PER DESIGN, ALSO THAT THE WALL WAS INSPECTED DURING CONSTRUCTION BY SAID ENGINEER OR DESIGNATED REPRESENTATIVE.

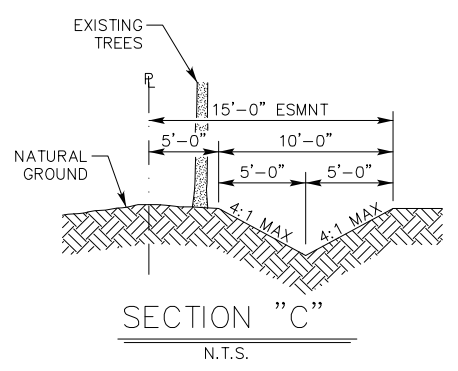
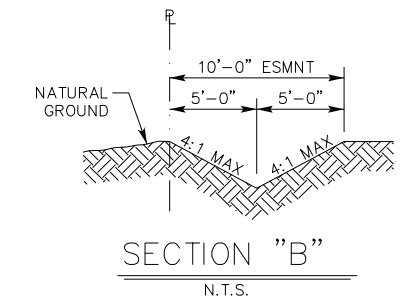
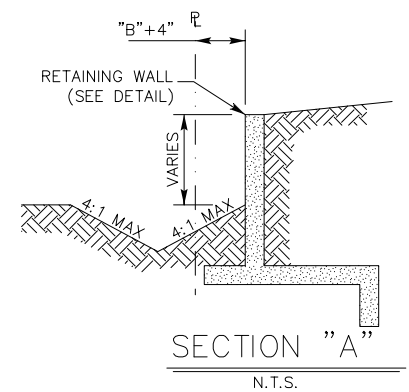
NOTE: RETAINING WALL DETAILS NOT USED. RETAINING WALL DESIGN BY OTHERS.

| H | B | T | N | W | Bw | Sw | Dw | O | P | D* | LW | LB |
|-------|-------|----|-------|-------|-----|--------|-------|--------|--------|------|-------|-------|
| 2'-0" | 1'-0" | 8" | 1'-0" | 2'-8" | 10" | 1'-10" | 2'-0" | HK#409 | #409HK | #409 | #4012 | (5)#4 |
| 4'-0" | 1'-0" | 8" | 1'-0" | 2'-8" | 10" | 1'-10" | 2'-0" | HK#409 | #409HK | #409 | #4012 | (5)#4 |
| 6'-0" | 1'-2" | 8" | 1'-8" | 3'-7" | 10" | 2'-9" | 2'-0" | HK#409 | #409 | #409 | #4012 | (5)#4 |
| 7'-0" | 1'-2" | 8" | 1'-8" | 3'-7" | 10" | 2'-9" | 2'-0" | HK#409 | #409 | #409 | #4012 | (5)#4 |

* PROVIDE 6" LEGS AT EACH END OF BAR.

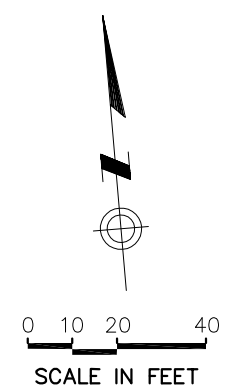
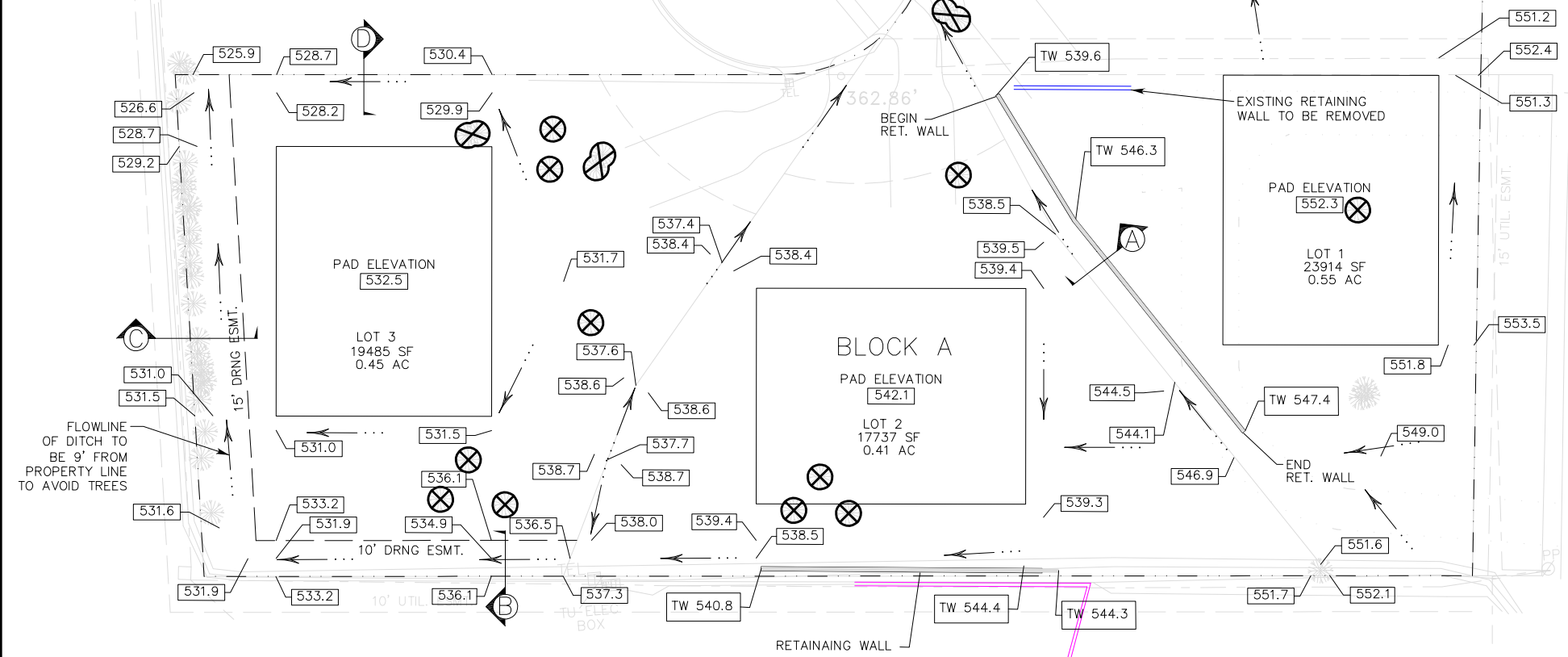


NOTE: TO THE BEST OF OUR KNOWLEDGE ERIC L. DAVIS ENGINEERING, INC., HEREBY STATES THAT THIS PLAN IS AS-BUILT. THE INFORMATION PROVIDED IS BASED ON SURVEYING CONDUCTED AT THE SITE AND INFORMATION PROVIDED BY THE CONTRACTOR.



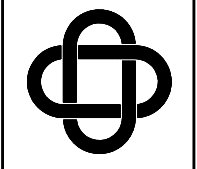
NOTE: ALL LOTS ARE TO BE GRADED AT SIDE LOT LINES, TO FACILITATE DRAINAGE

TYPICAL SECTION @ SIDE LOT LINES



| LEGEND | |
|----------------------|---|
| --- | EXISTING CONTOURS |
| --- | PROPOSED CONTOURS |
| → | DRAINAGE FLOW DIRECTION |
| 537.1 | SPOT ELEVATION |
| TW 537.1 BW 530.1 | TOP OF WALL ELEVATION BOTTOM OF WALL ELEVATION |
| ☼ | TREE TO REMAIN |
| ⊗ | TREE TO BE REMOVED |

| DATE | BY | REV | REVISION |
|------|----|-----|----------|
| | | | |



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ericdavis@eldengineering.com

GRADING PLAN
INDEPENDENCE PASS
CITY OF ROCKWALL, ROCKWALL CO, TEXAS

DEVELOPER: HUBSON PROPERTIES, INC.
2815 PORTLAND DRIVE
ROCKWALL, TEXAS 75087
(972) 477-3177

JOB NO.: 064-01
DRAWN BY: M. MITCHELL
CHECKED BY: M. MITCHELL
DATE: 04-08-07

AS-BUILT

SCALE: 1"=20'
SHEET 1 OF 1
SHEET 5

TBM:
TOP OF 10' CURB INLET
ON INDEPENDENCE PLACE
ELEV=528.12