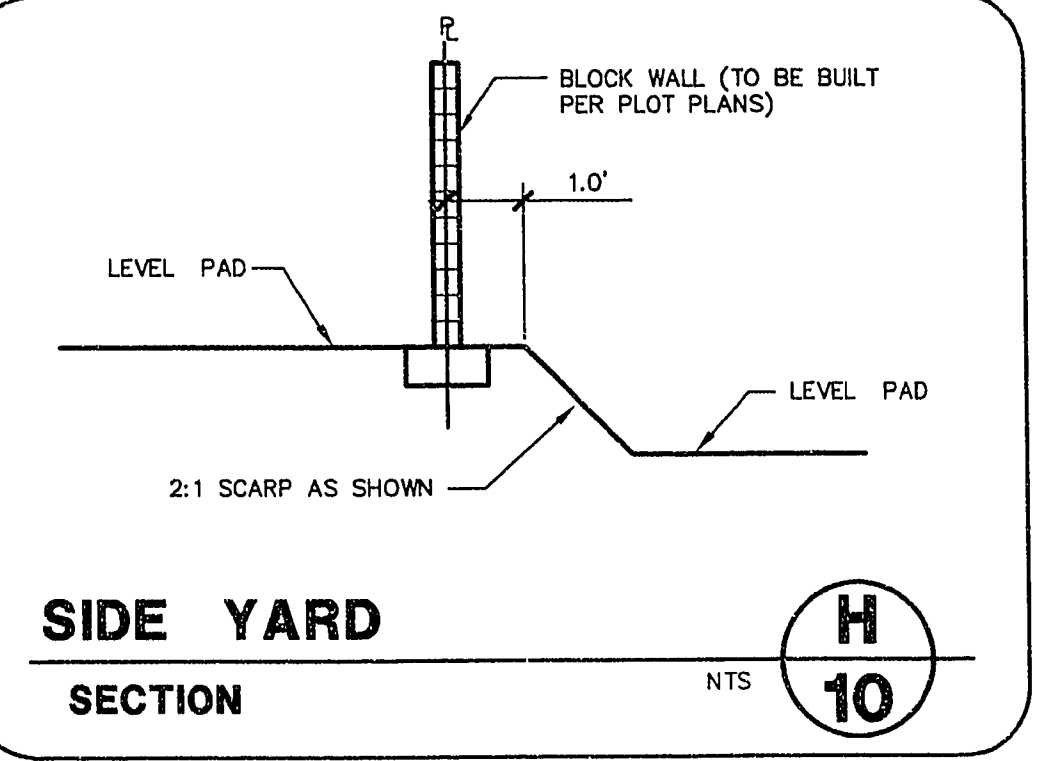
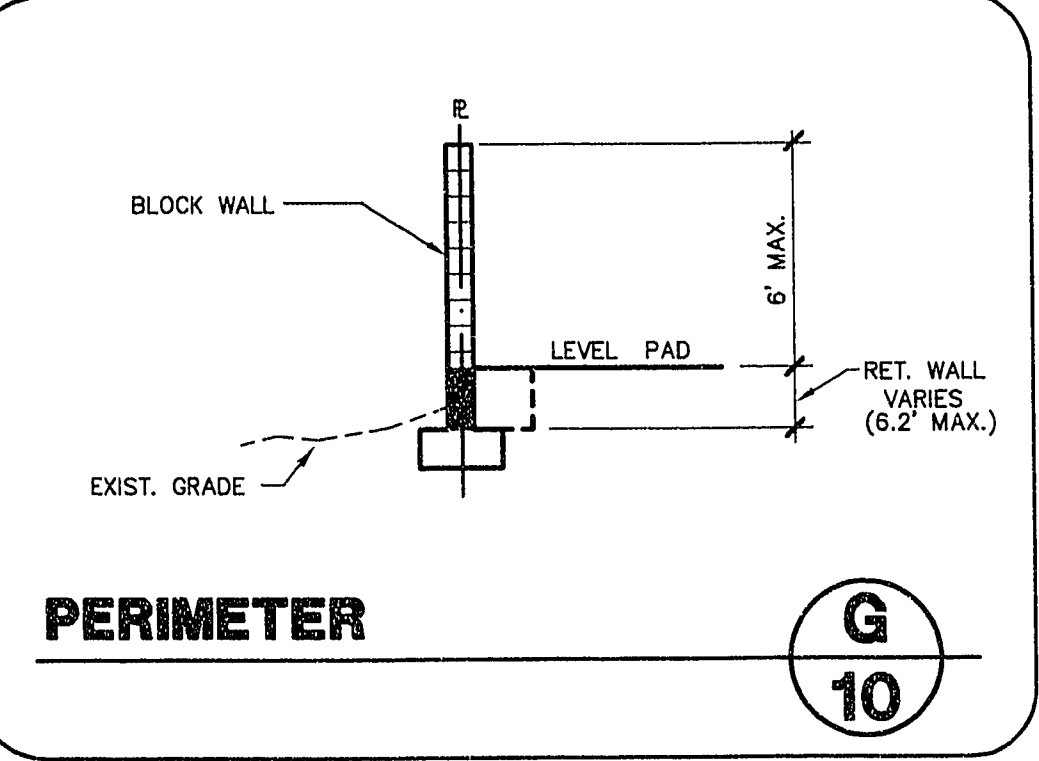


1. SLOPE FROM REAR TO SWALE
2. SLOPE FROM HOUSE TO SWALE
3. SLOPE FROM HOUSE TO SIDE SWALE
4. REAR SWALE (5' MIN. FROM REAR OF HOUSE)
5. SIDE SWALE
6. SLOPE FROM HOUSE TO SIDEWALK
7. SLOPE OF STREET

F.H.A. TYPE 'A' DRAINAGE
TYPICAL GRADING



SIDE YARD SECTION NTS **H 10**



PERIMETER SECTION NTS **G 10**

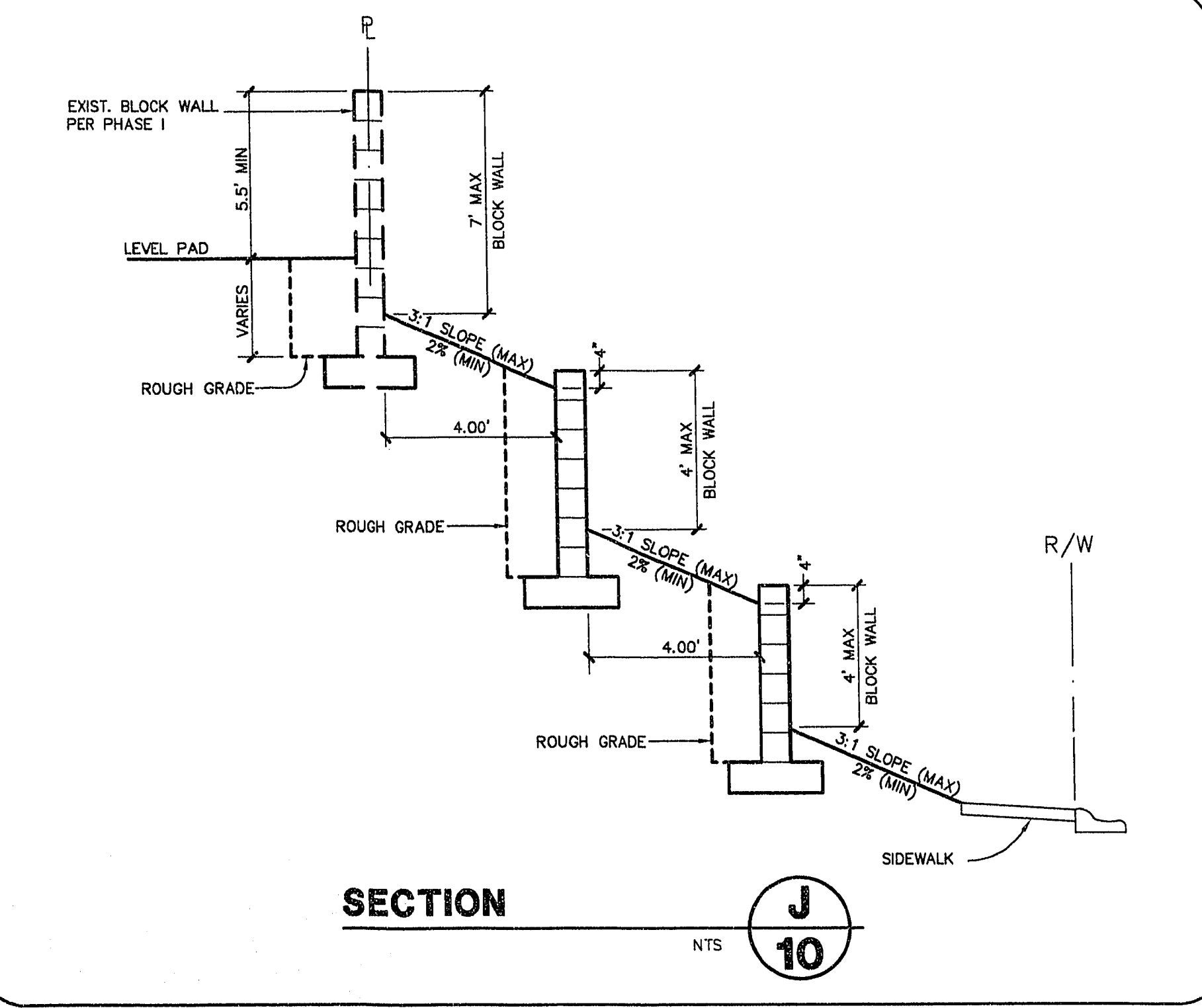
GRADING NOTES:

1. INDICATED GRADES OTHER THAN T.C., F.G. & GUTTER F.L. ARE ROUGH GRADES. (0.3' LOWER THAN FINISHED GRADE).
2. THE ROUGH GRADING SHALL BE FINISHED IN CONFORMANCE WITH THE LINES AND GRADES SHOWN ON THE PLANS. THE GRADING QUANTITIES ARE BASED ON THE ELEVATION AND DETAILS SHOWN ON THE PLANS. ANY DEVIATIONS FROM THE PLANS WILL RESULT IN QUANTITY CHANGES.
3. CARE SHALL BE EXERCISED IN GRADING CORNER LOTS.
4. ROUGH PAD ELEVATIONS SHALL BE GRADED TO WITHIN 0.1' OF THE PAD ELEVATIONS SHOWN ON THE PLANS. WHEN GRADING IS COMPLETE PER THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE LOTS CAN BE INSPECTED. AT THAT TIME THE ENGINEER SHALL ALSO DECIDE IF ANY ADDITIONAL DITCHES OR BERMS ARE REQUIRED. THE CONTRACTOR IS REQUESTED NOT TO REMOVE ANY OF HIS ROUGH GRADING EQUIPMENT UNTIL HE RECEIVES GRADING APPROVAL FROM THE ENGINEER.
5. SOILS REPORT PREPARED BY WESTERN TECHNOLOGIES, INC., WITH WTI PROJECT NO. 64955126, DATED APRIL 28, 1995.
"CLEARING AND GRUBBING OPERATIONS WILL RESULT IN SOME LOSS OF MATERIAL. EXCAVATION AND RECOMPACTION OF THE ONSITE SOILS WILL RESULT IN SHRINKAGE LOSSES. BASED ON OUR EXPERIENCE IN THE AREA, A SHRINKAGE FACTOR OF APPROXIMATELY 5 TO 15 PERCENT WOULD BE APPLICABLE FOR THE UPPER LOOSE TO MEDIUM DENSE NATURAL SOILS WHEN EXCAVATED AND RECOMPACTED. AS AN EXAMPLE, A SHRINKAGE FACTOR OF 10 PERCENT WOULD MEAN IT WOULD REQUIRE 1.10 CUBIC YARDS OF EXCAVATED MATERIAL TO EQUAL 1.0 CUBIC YARD OF PROPERLY COMPACTED FILL. SCARIFICATION AND COMPACTION OF SURFACE SOILS WILL CAUSE ADDITIONAL SHRINKAGE. WE ESTIMATE THAT THIS SHRINKAGE WILL BE ON THE ORDER OF 0.1 FOOT LOWERING IN SITE GRADE. CALICHE MAY HAVE SOME BULKAGE WHERE IT IS EXCAVATED AND RECOMPACTED."
6. EARTH QUANTITIES:
EXCAVATION FILL
A) THE ABOVE QUANTITIES DO NOT REFLECT LOSSES DUE TO SUBSIDENCE OR SHRINKAGE.
B) THE ABOVE QUANTITIES DO NOT REFLECT USING TYPE 1 GRAVEL BASE MATERIAL FOR STREET SECTIONS.
C) THE ABOVE QUANTITIES DO NOT REFLECT ANY EARTHWORK WHICH MAY BE REQUIRED BY THE ENGINEER TO CONSTRUCT ADDITIONAL PROTECTIVE DITCHES OR BERMS NOT SHOWN ON THESE DRAWINGS.

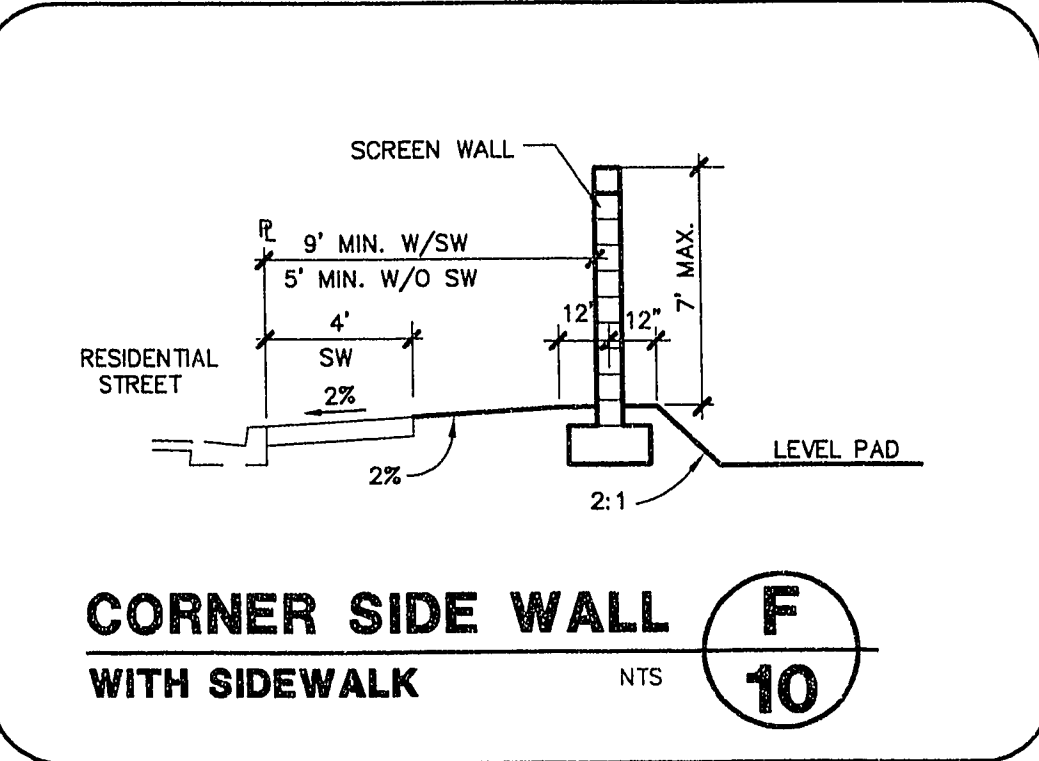
LEGEND

1	LOT NUMBER
7	BLOCK NUMBER
59.0	PAD ELEVATION
59.0	EXISTING PAD ELEVATION
59.0	FUTURE PAD ELEVATION
57.10	FINISHED GRADE
57.10	EXISTING ELEVATION
57.10	FUTURE ELEVATION
57.1	ROUGH GRADE ELEVATION
57.10 TC OR PG	GRADE BREAK
[Symbol]	2:1 SCARP
[Symbol]	DITCH OR SWALE
56	EXISTING CONTOUR
61.1 TF	TOP OF FOOTING ELEV.

FOR BLOCK WALL LEGEND SEE SHEET 14



SECTION NTS **J 10**



CORNER SIDE WALL WITH SIDEWALK NTS **F 10**

~~ENGINEER'S EVALUATION OF GRADING QUANTITIES~~

USING A SHRINKAGE FACTOR OF 20% AND SUBSIDENCE OF 0.10', AN ESTIMATE FOR THE GRADING IS SHOWN BELOW. PLEASE NOTE THAT THESE QUANTITIES ARE ONLY AN ESTIMATE. ACTUAL QUANTITIES MAY DIFFER FROM THE QUANTITIES DUE TO SOIL VARIATIONS IN THE FIELD. QUANTITIES FOR ADDITIONAL DITCHES & BERMS THAT MAY BE REQUIRED BY THE ENGINEER ARE NOT INCLUDED (SEE NOTE 6 C ABOVE)

	CUT	FILL
COMPUTED VOL.		C.Y.
TRASH REMOVAL		C.Y.
SUBSIDENCE		C.Y.
SUB-TOTAL		C.Y.
SHRINKAGE		C.Y.
TOTAL		C.Y.

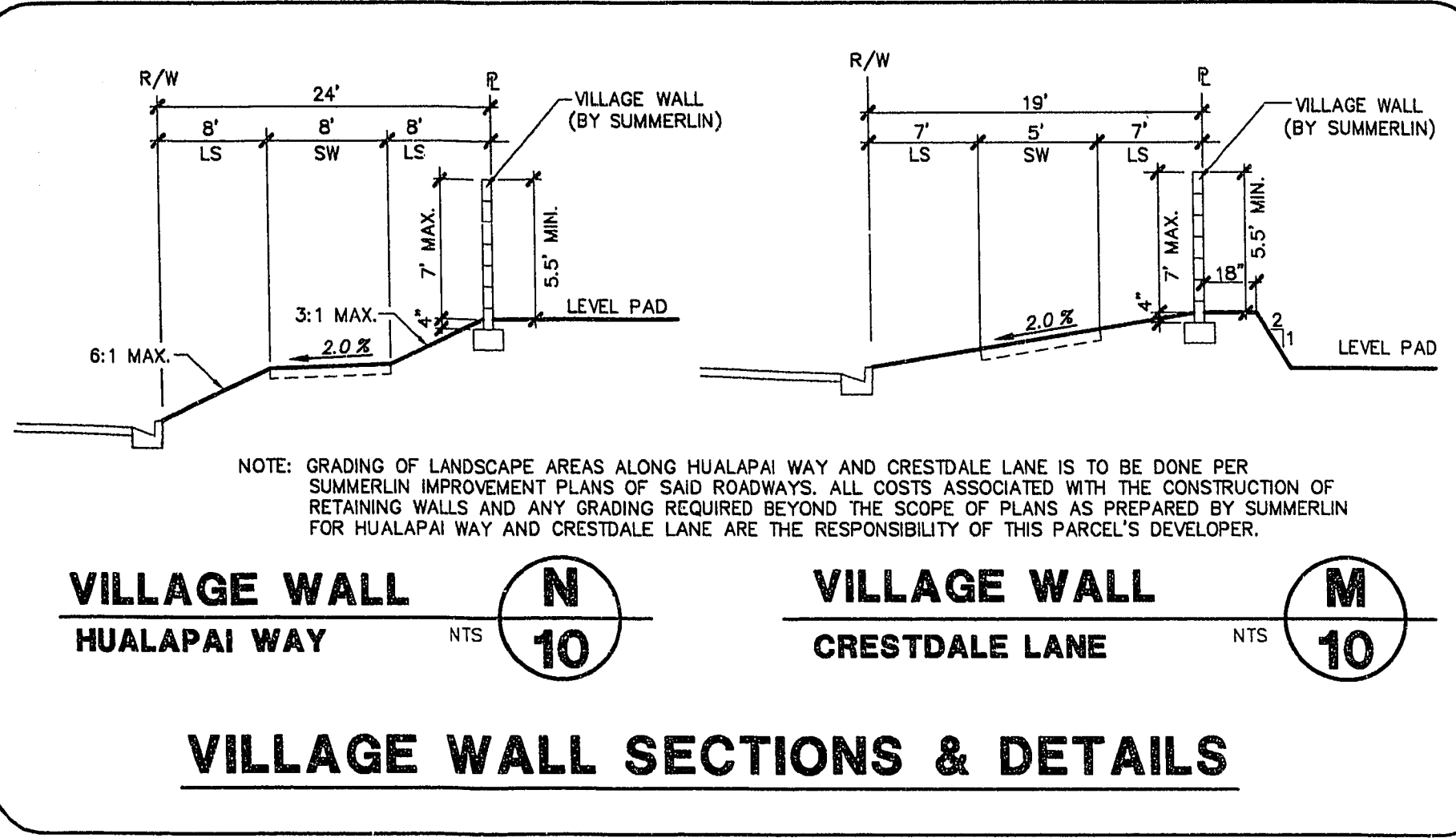
FOR VOLUMES SEE MASTER GRADING PLAN

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

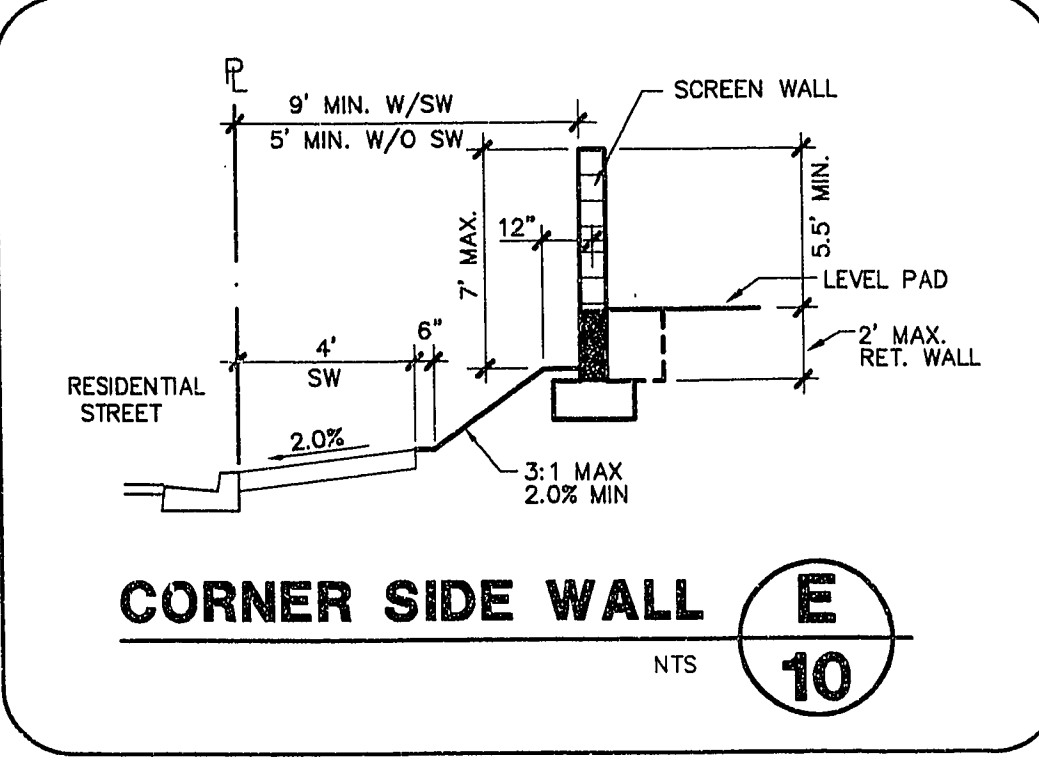
Call before you Dig.

1-800-227-2600

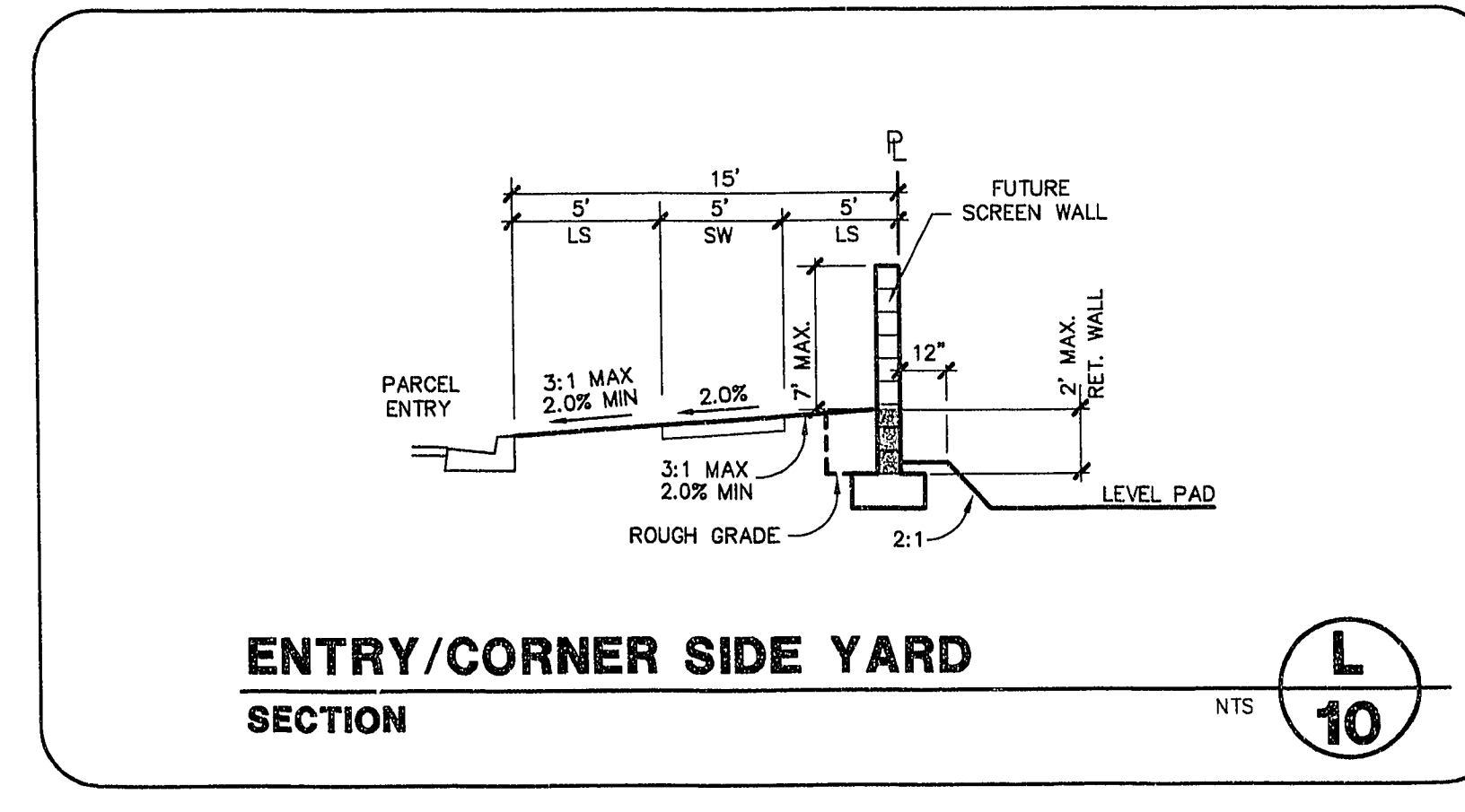
UNDERGROUND SERVICE (USA)



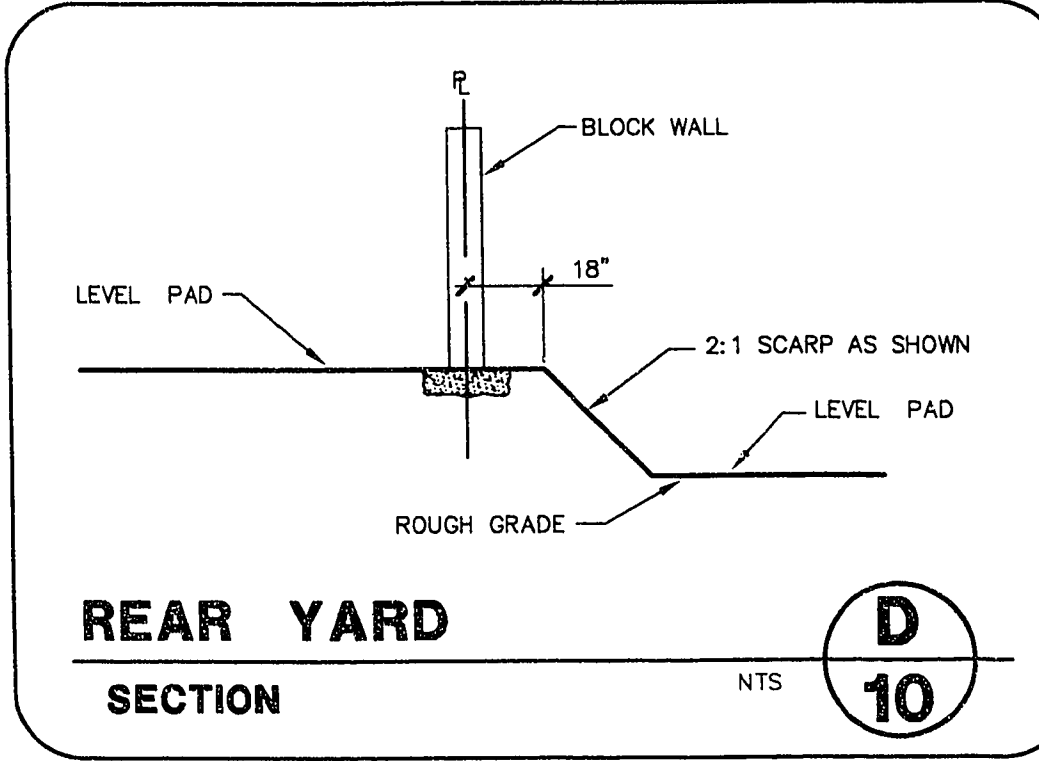
VILLAGE WALL HUALAPAI WAY NTS **N 10**
VILLAGE WALL CRESTDALE LANE NTS **M 10**
VILLAGE WALL SECTIONS & DETAILS



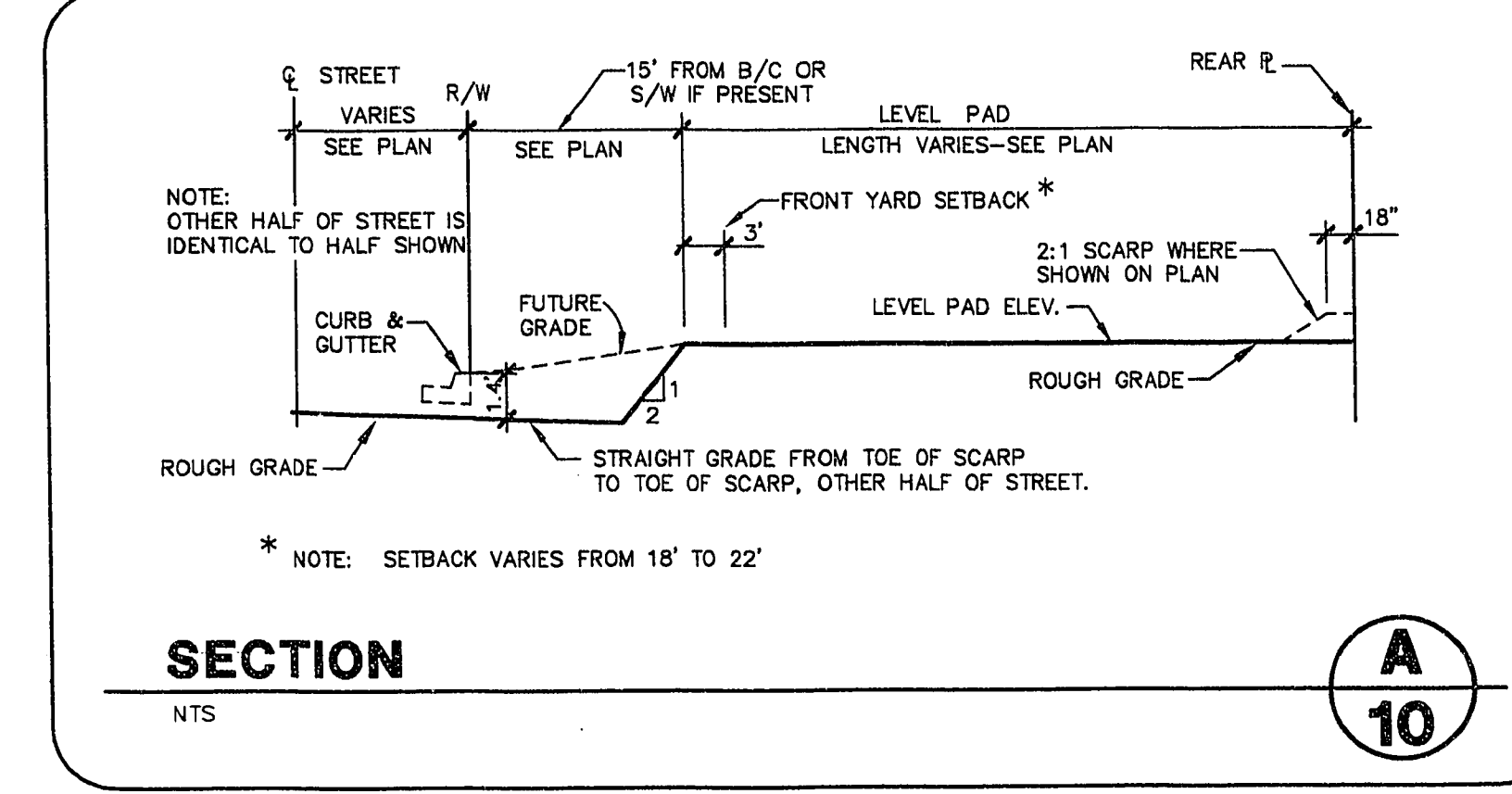
CORNER SIDE WALL SECTION NTS **E 10**



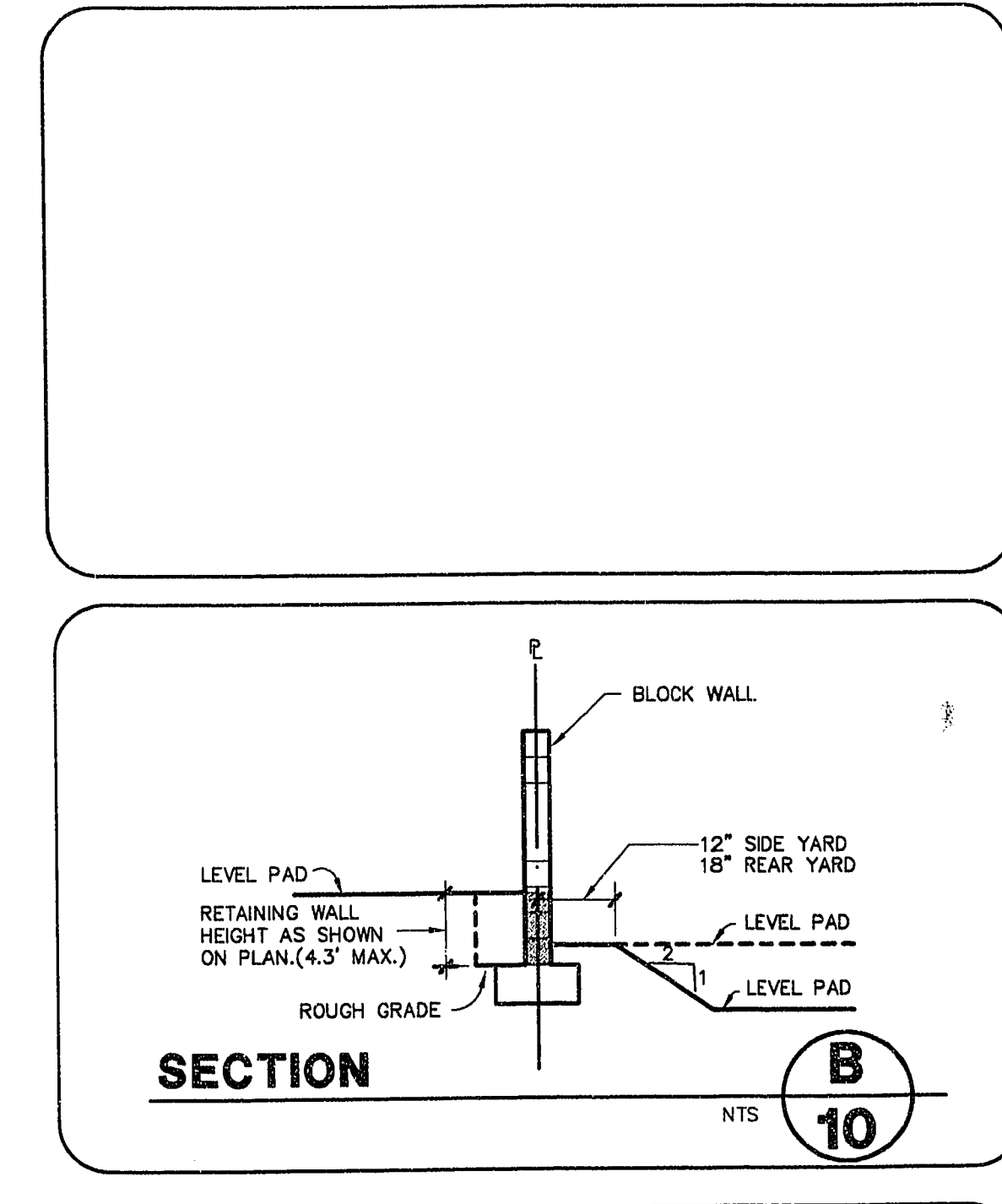
ENTRY/CORNER SIDE YARD SECTION NTS **L 10**



REAR YARD SECTION NTS **D 10**



SECTION NTS **A 10**



SECTION NTS **B 10**

RELEASED FOR BID CONSTRUCTION

DATE: _____

PARDEE CONSTRUCTION COMPANY

DESCRIPTION

REV	DATE	BY	CHK	DATE

RECOMMENDED BY: G. IRA WALLACE, INC. E. NO. 10001

RECOMMENDED BY: G. IRA WALLACE, INC. E. NO. 10001

PARDEE CONSTRUCTION COMPANY
WESTRIDGE AT SUMMERLIN - PHASE II
GRADING DETAILS AND MISCELLANEOUS

G.C. WALLACE, INC.
Engineering/Architecture
1535 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89102

SHEET **10** OF 14 SHEETS

JOB NO. 6627.0210