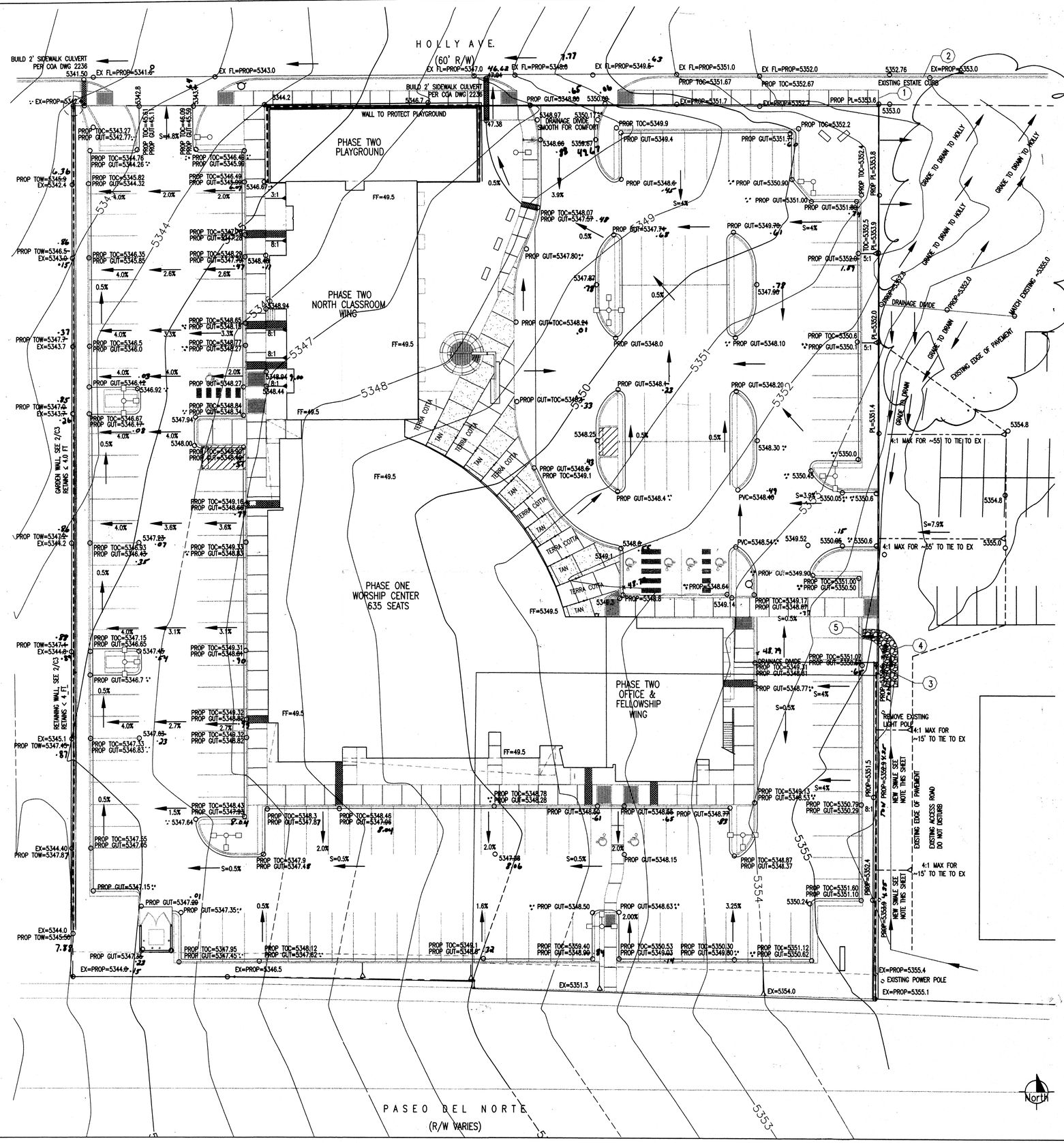



EXISTING CONDITIONS:

HOLLY AVENUE AND PASEO DEL NORTE HAVE ALREADY BEEN CONSTRUCTED WITH EXISTING PAVEMENT, WATER, SEWER AND STORM DRAIN FACILITIES IN ACCORDANCE WITH THE NORTH ALBUQUERQUE ACRES MASTER DRAINAGE PLAN. DRAINAGE IMPROVEMENTS WERE CONSTRUCTED TO THE NORTH TO ACCOMMODATE THIS SITE. THESE IMPROVEMENTS INCLUDE INLETS AND STORM DRAIN IN HOLLY AVENUE, AN AMAFCA DRAINAGE POND, AND THE NORTH DOMINGO BACA DAM.

THE SITE ITSELF IS UNDEVELOPED WITH EXISTING NATURAL VEGETATION. THE SOUTHERN HALF OF THE SITE SLOPES FROM EAST TO WEST AT ABOUT 4%. THE NORTHERN HALF OF THE SITE SLOPES FROM SOUTHEAST TO NORTHWEST AT APPROXIMATELY 4%. THE ELEVATION OF HOLLY IS TWO TO FOUR FEET LOWER THAN PASEO DEL NORTE. THE SITE TO THE EAST IS CURRENTLY DEVELOPED WITH PARKING FACILITIES AND A METAL BUILDING. THE SITE TO THE WEST IS CURRENTLY UNDEVELOPED.

PROPOSED GRADING:

SINCE HOLLY AVENUE HAS BEEN DESIGNED TO ACCOMMODATE THE RUNOFF FROM THIS SITE, THE FLOW WILL BE DIRECTED NORTH TO HOLLY.

WALLS:

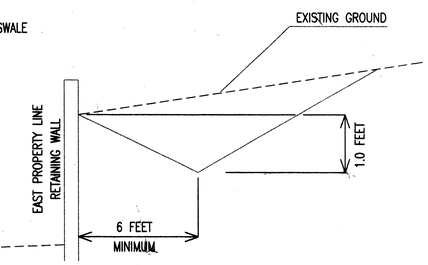
A RETAINING WALL IS PROPOSED ALONG THE WEST PROPERTY LINE AND THE SOUTHERN PORTION OF THE EAST PROPERTY LINE. THIS WALL WILL RETAIN LESS THAN 4' OF EARTH.

NOTE: ALL GRADES SHOWN ARE FLOWLINE OF CURB UNLESS OTHERWISE INDICATED.

SWALE: THE SWALE AT JUST EAST OF THE EAST PROPERTY LINE WILL BE 6' WIDE AND 1.0' DEEP. SEE CROSS SECTION BELOW.

KEYED NOTES

1. FINAL GRADE SHALL MATCH SIDEWALK ELEVATION AND SLOPE AT MINIMUM OF 4H:1V TO EAST.
2. GRADING TO HOLLY SHOULD NOT BE CLOSER THAN 20 FEET FROM END OF SIDEWALK. GRADE TO THIS LOCATION AND EAST.
3. 6 FT GRAVEL SWALE TO BEGIN 16 FT SOUTH OF END OF RETAINING WALL. GRAVEL SHALL BE MINIMUM AVE. 2"-4" WITH A DEPTH OF 4" MINIMUM.
4. GENTLE TRANSITION FROM 6 FT SWALE TO 4.5 FT SWALE
5. 4.5 FT SWALE TO MATCH FINAL GRADE.




I, MICHAEL D. SMITH, NMPE 16050, OF THE FIRM RESOURCE TECHNOLOGY, INC., HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED 12-12-08. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY MICHAEL TRUJILLO, NMPS 12130, OF THE FIRM PRECISION SURVEYS, INC. I FURTHER CERTIFY THAT I HAVE PERSONALLY VISITED THE PROJECT SITE ON 12-18-2008 AND HAVE DETERMINED BY VISUAL INSPECTION THAT THE SURVEY DATA PROVIDED IS REPRESENTATIVE OF ACTUAL SITE CONDITIONS AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR GRADING PLAN CERTIFICATION

NMPE 10865
AUGUSTINE GONZ

EXCEPTIONS: NONE

DEFICIENCIES: ~~NONE~~ GRADE TO DRAIN OF NW CORNER TO HOLLY - SEE BUBBLE

THE RECORD INFORMATION PRESENTED HEREON IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THIS RECORD DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

MICHAEL D. SMITH, NMPE 16050

12-18-08
DATE

MICHAEL D. SMITH NEW MEXICO 16050 LICENSED PROFESSIONAL ENGINEER 12-18-08

RECEIVED
DEC 22 2008
HYDROLOGY SECTION

NEW COVENANT CHURCH
7200 HOLLY AVE. NE
C19/D049

GRADING PLAN REVISION

MICHAEL D. SMITH NEW MEXICO 16050 LICENSED PROFESSIONAL ENGINEER 12-12-08

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