GENERAL NOTES:

THE FOLLOWING "GENERAL NOTES" SHALL BE INCLUDED ON ALL PRIVATE LAND DEVELOPMENT PROJECTS THAT INVOLVE PUBLIC IMPROVEMENTS SUCH AS PUBLIC STREETS, OR CITY OF MESA UTILITIES AND FACILITIES. . ALL WORK AND MATERIALS SHALL CONFORM TO THE CURRENT UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AS FURNISHED BY THE MARICOPA ASSOCIATION OF GOVERNMENTS AND AS AMENDED BY THE CITY OF MESA. ALL WORK AND MATERIALS NOT IN CONFORMANCE WITH THESE AMENDED SPECIFICATIONS AND DETAILS ARE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.

SEPARATE RIGHT-OF-WAY PERMITS ARE REQUIRED FOR ALL PUBLIC UTILITIES, PUBLIC STREET IMPROVEMENTS, AND RIGHT-OF-WAY LANDSCAPING. FOR INFORMATION REGARDING AVAILABILITY AND COST OF RIGHT-OF-WAY PERMITS, CONTACT THE DEVELOPMENT SERVICES DEPARTMENT AT (480) 644-4273 OR AT HTTP: //WWW.MESAAZ.GOV/DEVSUSTAIN/CONSTRUCTIONPERMITS.ASPX. THE CONTRACTOR SHALL OBTAIN ALL PERMITS REQUIRED UNLESS OTHERWISE NOTED. CONTRACTORS MUST HOLD THE APPROPRIATE CLASS OF LICENSE AND SHALL HAVE ON FILE WITH THE PERMIT SERVICES SECTION PROOF OF INSURANCE COVERAGE. PERMITS BECOME INVALID AND MUST BE UPDATED IF WORK HAS NOT BEGUN WITHIN NINETY (90) DAYS. PERMITS ALSO BECOME INVALID IF THE CONTRACTOR'S INSURANCE LAPSES OR IS VOIDED.

TWENTY FOUR (24) HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK, CONSTRUCTION OR INSTALLATIONS ASSOCIATED WITH THIS PERMIT, THE PERMITTEE SHALL NOTIFY CITY OF MESA ENGINEERING DEPARTMENT AT (480)644-2251 OF INTENT TO BEGIN AND REQUEST/SCHEDULE PRELIMINARY FIELD REVIEW AT THE PROJECT SITE WITH THE CITY OF MESA ENGINEERING DEPARTMENT CONSTRUCTION INSPECTOR (CITY INSPECTOR). FAILURE TO PROVIDE PROPER INSPECTION NOTIFICATION AS PRESCRIBED ABOVE SHALL RESULT IN THIS PERMIT BECOMING INVALID AND WORK BEING STOPPED.

CONTRACTOR'S SHALL COMPLY WITH THE REQUIREMENTS TO OBTAIN THE NECESSARY RIGHT-OF-WAY PERMITS AND SHALL COMPLY WITH THE RIGHT-OF-WAY PERMIT CONDITIONS AS FOUND ON THE BACK OF

THE CITY OF MESA PARKS & RECREATION DIVISION IS NOT REPRESENTED BY BLUE STAKE. WHEN THE CONTRACTOR EXCAVATES NEAR OR ADJACENT TO A CITY PARK, THE CONTRACTOR SHALL CONTACT THE PARKS & RECREATION ADMINISTRATION SECTION AT (480) 644-2354 TO REQUEST ASSISTANCE IN LOCATING ALL THEIR UNDERGROUND FACILITIES.

THE CONTRACTOR SHALL OBTAIN AN EARTH-MOVING PERMIT FROM THE MARICOPA COUNTY ENVIRONMENTAL SERVICES DEPARTMENT AND SHALL COMPLY WITH ITS REQUIREMENTS FOR DUST CONTROL.

THE ENGINEER HEREBY CERTIFIES AS EVIDENCED BY A PROFESSIONAL SEAL & SIGNATURE, THAT ALL AFFECTED UTILITY COMPANIES BOTH PUBLIC AND PRIVATE HAVE BEEN CONTACTED AND ALL EXISTING AND/OR PROPOSED UTILITY LINES AND OTHER RELATED INFORMATION HAVE BEEN TRANSFERRED ONTO THESE PLANS. THE ENGINEER OR ARCHITECT ALSO HEREBY CERTIFIES THAT ALL EXISTING AND/OR PROPOSED PUBLIC RIGHT-OF-WAY AND EASEMENTS HAVE BEEN CORRECTLY PLOTTED/SHOWN.

8. THE ENGINEER, OR LAND SURVEYOR OF RECORD SHALL CERTIFY UPON COMPLETION OF CONSTRUCTION THAT ALL PUBLIC IMPROVEMENTS (WATER AND SEWER UTILITIES, STORM SEWER, CONCRETE, PAVING, STREET LIGHTS, ETC.) HAVE BEEN INSTALLED AT THE LOCATIONS AND ELEVATIONS SHOWN ON THE APPROVED PLANS. ANY CHANGES SHALL BE REFLECTED ON "AS-BUILT" DRAWINGS PROVIDED BY THE ENGINEER TO THE CITY'S ENGINEERING DEPARTMENT.

9. THE REGISTERED ENGINEER OR LAND SURVEYOR SHALL CERTIFY THAT THE MINIMUM HORIZONTAL AND VERTICAL SEPARATIONS BETWEEN UTILITIES WITHIN PUBLIC RIGHT-OF-WAY AND EASEMENTS HAVE BEEN MAINTAINED AS REQUIRED BY LAW OR POLICY.

THE DEVELOPER SHALL PROVIDE ALL CONSTRUCTION STAKING FOR THE PROJECT.

11. THE DEVELOPER OR THE ENGINEER IS RESPONSIBLE FOR ARRANGING FOR THE RELOCATION OR REMOVAL OF ALL UTILITIES OR FACILITIES THAT ARE IN CONFLICT WITH THE PROPOSED PUBLIC IMPROVEMENTS. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE RELOCATION OF ALL UTILITIES, POWER POLES, IRRIGATION DRY-UPS, RESETS REMOVALS BY OTHERS, ETC.

12. THE CONTRACTORS SHALL LOCATE ALL UTILITIES PRIOR TO EXCAVATION AND AVOID DAMAGE TO SAME. CALL (602)263-1100 FOR BLUE STAKE TWO WORKING DAYS PRIOR TO DIGGING. CALL SALT RIVER PROJECT FOR POLE BRACING, ELECTRIC SERVICE OR CONSTRUCTION SCHEDULING AT (602) 273-8888.

13. WHEN GAS MAINS AND/OR SERVICES ARE EXPOSED, CONTACT THE CITY OF MESA AT (480) 644-2261 FOR INSPECTION OF THE EXPOSED PIPE AND COATING PRIOR TO BACKFILLING OF THE TRENCH. 14. CONTRACTORS SHALL COMPLY WITH THE PROVISIONS FOR TRAFFIC CONTROL AND BARRICADING PER THE

CURRENT CITY OF MESA TRAFFIC BARRICADE MANUAL 15. IF A FIRE HYDRANT IS NEEDED TO OBTAIN CONSTRUCTION WATER, THE CONTRACTOR SHALL OBTAIN A

FIRE HYDRANT METER FROM PERMIT SERVICES AND PAY ALL APPLICABLE FEES AND CHARGES. 16. IF DURING THE CONSTRUCTION OF A PUBLIC FACILITY, THE CONTRACTOR FAILS TO OR IS UNABLE TO COMPLY WITH A REQUEST OF THE CITY INSPECTOR, AND IT IS NECESSARY FOR CITY FORCES TO DO WORK THAT IS NORMALLY THE CONTRACTOR'S RESPONSIBILITY. THE CITY SHALL BE JUSTIFIED IN BILLING THE CONTRACTOR. EACH INCIDENT REQUIRING WORK BY CITY FORCES SHALL BE COVERED BY A SEPARATE BILLING AT THE CURRENT APPLICABLE RATES.

17. THE CONTRACTOR IS ADVISED THAT DAMAGE TO PUBLIC SERVICES OR SYSTEMS AS A RESULT OF THIS PROJECT SHALL BE REPAIRED BY THE CONTRACTOR AND INSPECTED BY THE CITY INSPECTOR. UNLESS OTHERWISE APPROVED BY THE CITY, ALL REPAIRS SHALL BE DONE WITHIN 24 HOURS. THE CONTRACTOR IS ADVISED THAT ANY COSTS RELATED TO REPAIR OR REPLACEMENT OF DAMAGED PUBLIC SERVICES AND SYSTEMS AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE BORNE BY THE CONTRACTOR.

CITY OF MESA PAVING NOTES:

1. THE DEVELOPER AND THE CONTRACTOR ARE REQUIRED TO COORDINATE THE PLACEMENT OR INSTALLATION OF

DRIVEWAYS IN ORDER TO AVOID CONFLICT WITH UTILITY SERVICES. 2. ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC., SHALL BE INSTALLED TO FINISH GRADE OR SHALL BE ADJUSTED TO FINISH GRADE AFTER PLACING OF ASPHALTIC SURFACE COURSE BY THE CONTRACTOR PER M.A.G. STANDARD DETAIL 270 AND 422.

3. THE CONTRACTOR SHALL ADJUST ALL FRAMES, COVERS, VALVE BOXES, MANHOLES, ETC. THAT ARE LOCATED

WITHIN THE PARKWAY AREA AFTER FINAL GRADING AND INSTALLATION OF LANDSCAPING. 4. ALL LANDSCAPING IMPROVEMENTS, INCLUDING IRRIGATION SYSTEMS WITHIN THE PUBLIC RIGHT-OF-WAY OR RETENTION BASINS THAT ARE TO BE MAINTAINED BY THE CITY OF MESA, SHALL BE IN ACCORDANCE WITH THE

LANDSCAPING AND IRRIGATION STANDARDS BOOKLET. 5. THE STREET PAVING PERMITTEE/CONTRACTOR IS HEREBY NOTIFIED THAT IN THE EVENT THAT ACCEPTANCE OF THE PUBLIC STREET PAVING IS DELAYED; SIX MONTHS OR MORE AFTER THE PAVEMENT WAS INSTALLED, THE PERMITTEE/CONTRACTOR SHALL APPLY A SEAL COAT TO THE PAVEMENT. TYPE OF MATERIAL AND RATE OF APPLICATION WILL BE DIRECTED BY THE CITY OF MESA ENGINEERING DEPARTMENT - FIELD SUPERVISING

6. A STANDARD RESIDENTIAL DRIVEWAY APPROACH SHALL BE CONSTRUCTED TO A MAXIMUM WIDTH OF 30 FEET UNLESS SPECIAL APPROVAL HAS BEEN OBTAINED.

CITY OF MESA STORMWATER DRAINAGE & RETENTION NOTES:

1. THE ENGINEER, OR LAND SURVEYOR SHALL CERTIFY THAT THE REQUIRED STORM WATER RETENTION HAS BEEN PROVIDED. THE CERTIFICATION SHALL ALSO INDICATE THE ACTUAL VOLUME PROVIDED. SUCH CERTIFICATION SHALL BE PROVIDED TO BUILDING SAFETY DIVISION - BUILDING INSPECTIONS WHEN THE RETENTION AREA IS TO REMAIN PRIVATE PROPERTY AND TO ENGINEERING CONSTRUCTION SERVICES WHEN THE RETENTION AREA IS TO BECOME CITY OF MESA

2. ALL DRYWELLS SHOWN ON THIS PROJECT SHALL BE MAINTAINED BY THE OWNERS AND ARE TO BE REPLACED BY THE OWNERS WHEN THEY CEASE TO DRAIN WATER IN A 36 HOUR PERIOD. REGULAR MAINTENANCE OF THE DRYWELL-SILTING CHAMBER IS REQUIRED TO ACHIEVE THE BEST OPERATION OF THE DRYWELL. IN ACCORDANCE WITH ARIZONA REVISED STATUTES, DRYWELLS ARE REQUIRED TO BE REGISTERED WITH THE ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY (A.D.E.Q.) IT IS THE OWNER'S RESPONSIBILITY TO REGISTER ALL DRYWELLS. AN AQUIFER PROTECTION PERMIT MAY BE REQUIRED BY A.D.E.Q. FOR DRYWELLS DEEMED TO BE HAZARDOUS TO GROUNDWATER.

AS-BUILT CERTIFICATION:

I HEREBY CERTIFY THAT I HAVE REVIEWED THE "AS-BUILT" FOR THE ABOVE REFERENCED PROJECT AND CERTIFY THAT THE DEVELOPMENT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH THE APPROVED IMPROVEMENT PLANS, THAT IT WILL FUNCTION AS DESIGNED AND PERMITTED.

REGISTERED CIVIL ENGINEER

DATE

I HEREBY CERTIFY THAT THE "RECORD DRAWING" MEASUREMENTS AS SHOWN HEREON WERE MADE UNDER MY SUPERVISION OR AS NOTED ARE CORRECT TO THE BEST OF MY KNOWLEDGE.

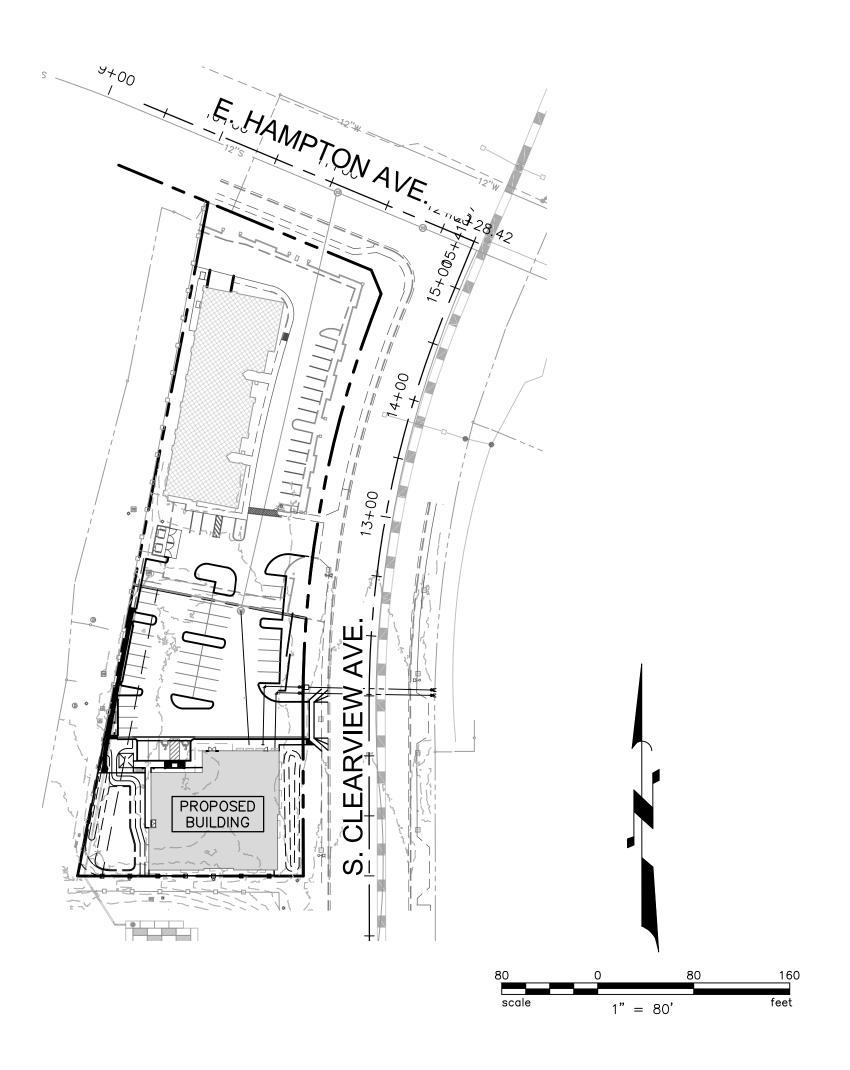
REGISTERED SURVEYOR DATE

IMPROVEMENT PLAN

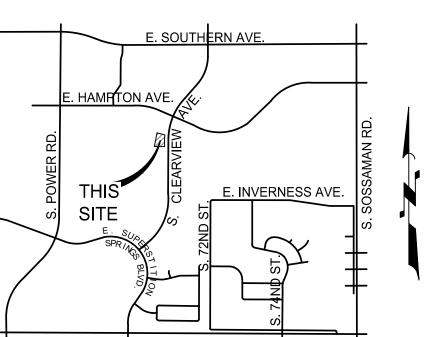
POLARIS AUTISM ACADEMY

A PORTION OF THE NORTHWEST QUARTER OF SECTION 31, TOWNSHIP 1 NORTH, RANGE 07 EAST OF THE GILA AND SALT RIVER BASE AND MERIDIAN, MARICOPA COUNTY, ARIZONA

APN# 218-56-570B



ORGANIZATION	UTILITY TYPE	REPRESENTATIVE	PHONE NUMBER
ARIZONA DEPT. OF TRANSPORTATION—MARICOPA	CULVERTS, ELECTRIC, FIBER OPTICS, GAS, IRRIGATION, SEWER, STORM DRAINS, TELEPHONE, TRAFFIC SIGNALS, WATER	SCOTT VOLLRATH	(602)-568-3284
AMERICAN TRAFFIC SOLUTIONS	CATV, COMMUNICATIONS, ELECTRIC, TELEPHONE	NOC-NETWORK OPERATIONS CENTER	(480)-443-7037
ARIZONA GOLF RESORT	IRRIGATION, WATER	WALLY NELSON	(480)-832-1661
COX COMMUNICATIONS MARICOPA	CATV, FIBER OPTICS	ELM UTILITY SERVICES	(406)-728-9343
GOOGLE FIBER ARIZONA, LLC	FIBER OPTICS	ROGER LIND	(801)-367-4078
GIGAPOWER, LLC	FIBER OPTICS	HOWARD LAUDERMILK	(937)-546-0840
GLOBAL WATER/TURNER RANCHES IRRIGATION LLC	IRRIGATION	CLINT ARNDT	(520)-483-8209
LEISURE WORLD COMMUNITY ASSN.	WATER	KHARA HILLS	(480)-832-0000
MCI-VERIZON BUSINESS	FIBER OPTICS	SUPERVISOR ON DUTY	(800)-624-9675
CITY OF MESA UTILITIES	ELECTRIC, FIBER OPTICS, GAS, RECLAIMED WATER, SEWER, STORM DRAINS, STREET LIGHTS, TRAFFIC SIGNALS, WATER	CHRIS MEHAN	(480)–215–2433
CTLQL - CENTURY LINK	COAXIAL, FIBER OPTICS	USIC DISPATCH CENTER	(800)-778-9140
SALT RIVER PROJECT — MARICOPA COUNTY	COMMUNICATIONS, ELECTRIC, FIBER OPTICS, IRRIGATION	SRP BLUE STAKE	(602)-236-8026
SOUTHWEST GAS CONTRACTOR LOCATOR SE	GAS	ELM LOCATING DISPATCH	(602)-271-4277



VICINITY MAP

OWNER

POLARIS RE HOLDINGS, LLC. 2913 N POWER ROAD SUITE108 MESA, AZ 85215

ARCHITECT

BOYD H. THACKER 2637 E EL MORO AVE MESA, AZ 85204 PH: (602) 909-3686

ENGINEER

BABBITT SMITH ENGINEERING 1140 E. GREENWAY ST., SUITE 2 MESA. ARIZONA 85203 OFFICE: (480) 610-1341 DIRECT: (480) 757-8021 CONTACT: DARREN SMITH EMAIL: darren@babbittsmith.com

SITE BENCHMARK

CITY OF MESA BENCHMARK BRASS TAG, TOP OF CURB, NORTHEAST CORNER 72ND STREET AND SOUTHERN **AVENUE**

GRID NORTH: 870776.024 GRID EAST: 773449.582 ELEVATION=1390.34 (NAVD88 DATUM)

FLOOD ZONE

ACCORDING TO FEMA FLOOD INSURANCE RATE MAP. MAP NUMBER 04013C2295L DATED OCTOBER 16, 2013, THE SUBJECT PROPERTY IS LOCATED IN ZONE X. ZONE X IS DEFINED AS "AREAS OF 0.2% ANNUAL CHANCE FLOOD HAZARD: AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTH LESS THAN 1 FOOT OR WITH DRAINAGE AREAS OF LESS THAN 1 SQUARE MILE: AND AREAS OF FUTURE CONDITIONS OF 1% ANNUAL CHANCE FLOOD HAZARD"...

SHEET INDEX

.COVER SHEET ..GRADING & DRAINAGE PLAN ..GRADING SECTIONS ..UTILITY PLAN

ENGINEER'S NOTES:

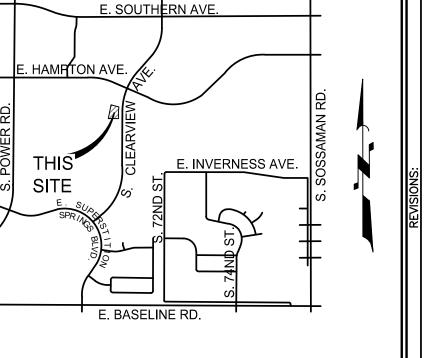
1. THESE PLANS ARE SUBJECT TO THE INTERPRETATION OF INTENT BY THE ENGINEER. ALL QUESTIONS REGARDING THESE PLANS SHALL BE PRESENTED TO THE ENGINEER. ANYONE WHO TAKES UPON HIMSELF THE INTERPRETATION OF THE DRAWINGS OR MAKES REVISIONS TO THE SAME WITHOUT CONFERRING WITH THE DESIGN ENGINEER SHALL BE RESPONSIBLE FOR THE CONSEQUENCES THERE OF.

MCESD APPROVAL:

PERMIT NUMBERS XXXXXX

MARICOPA ENVIRONMENTAL SERVICES DEPARTMENT

DATE





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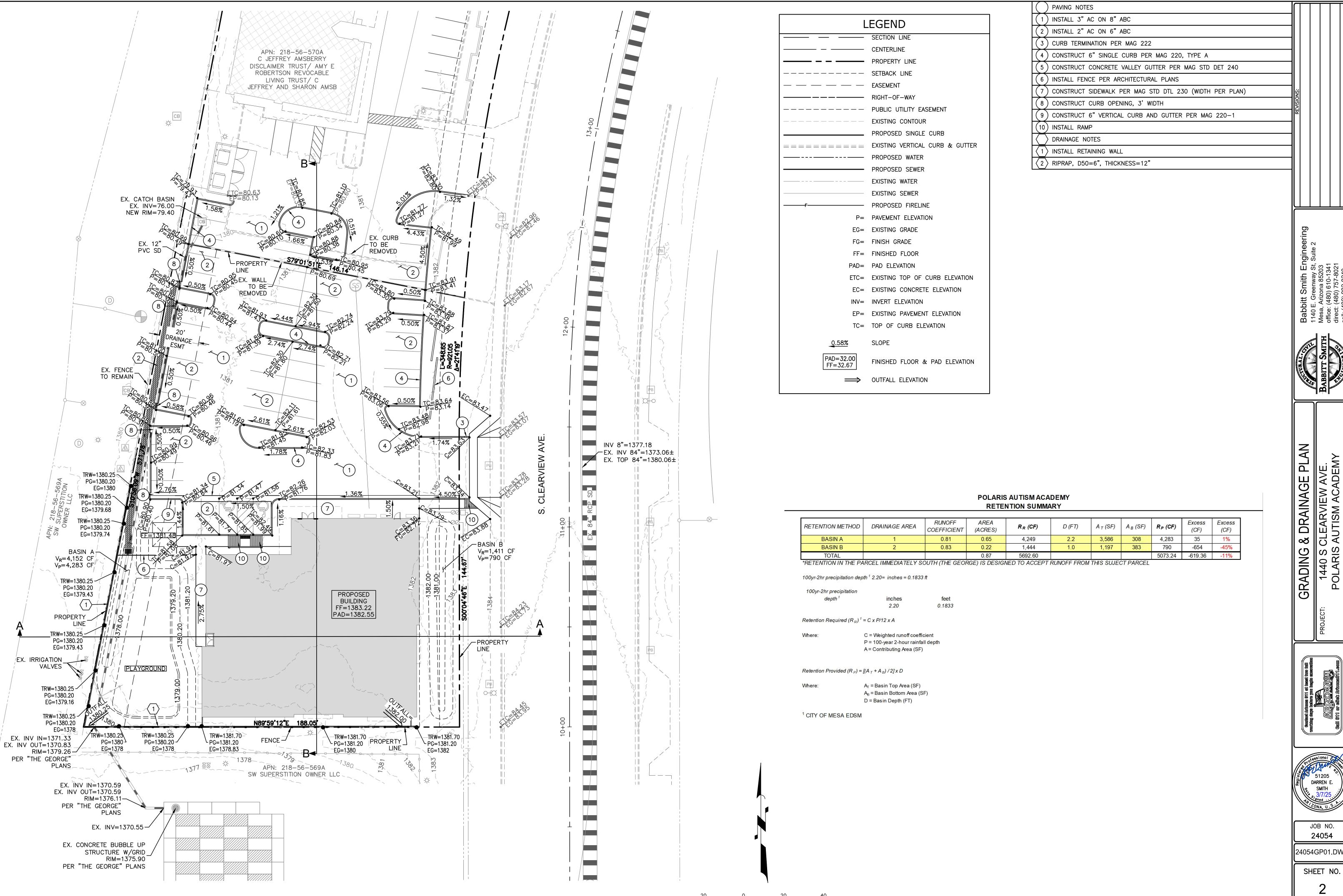




JOB NO. 24054

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SHEET NO.





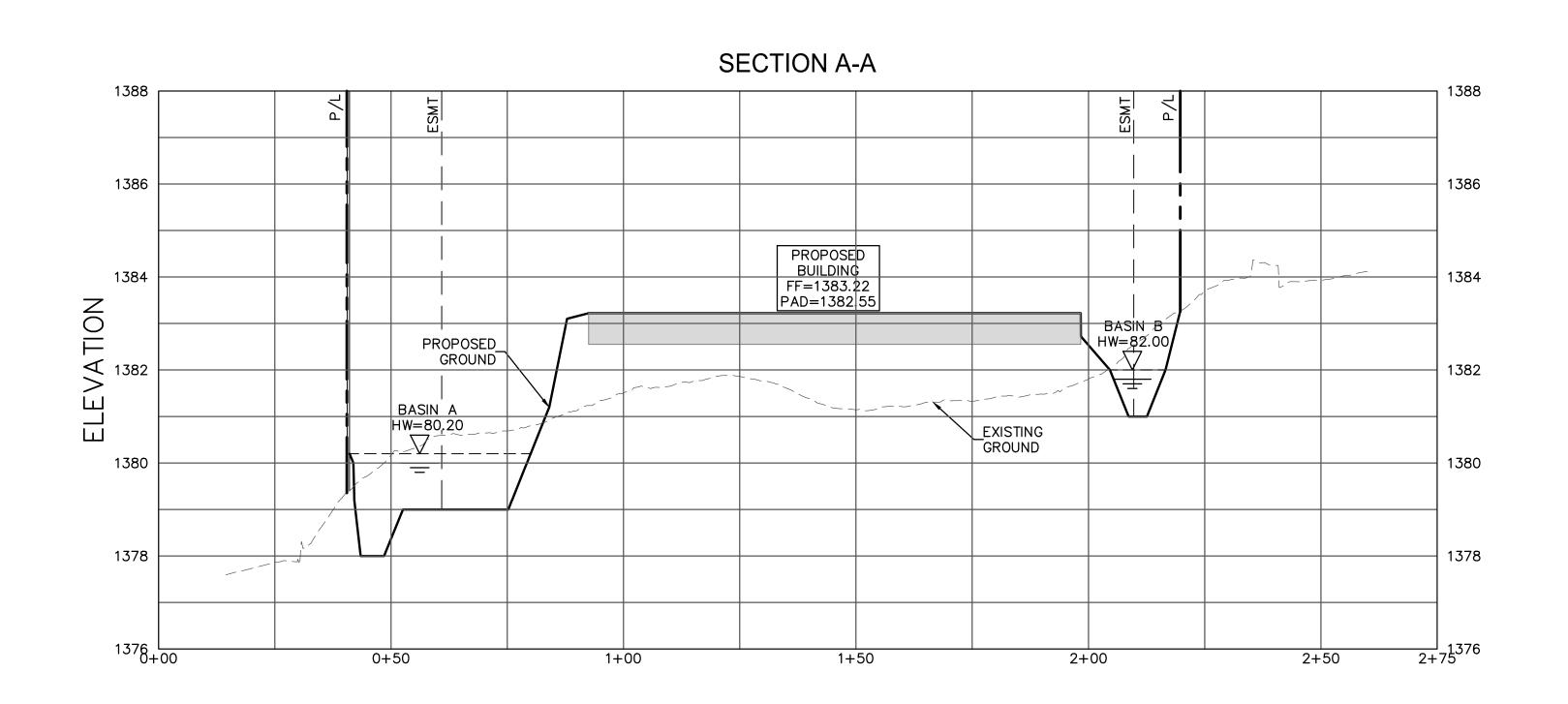
GRADING & DRAINAGE
1440 S CLEARVIEW AN
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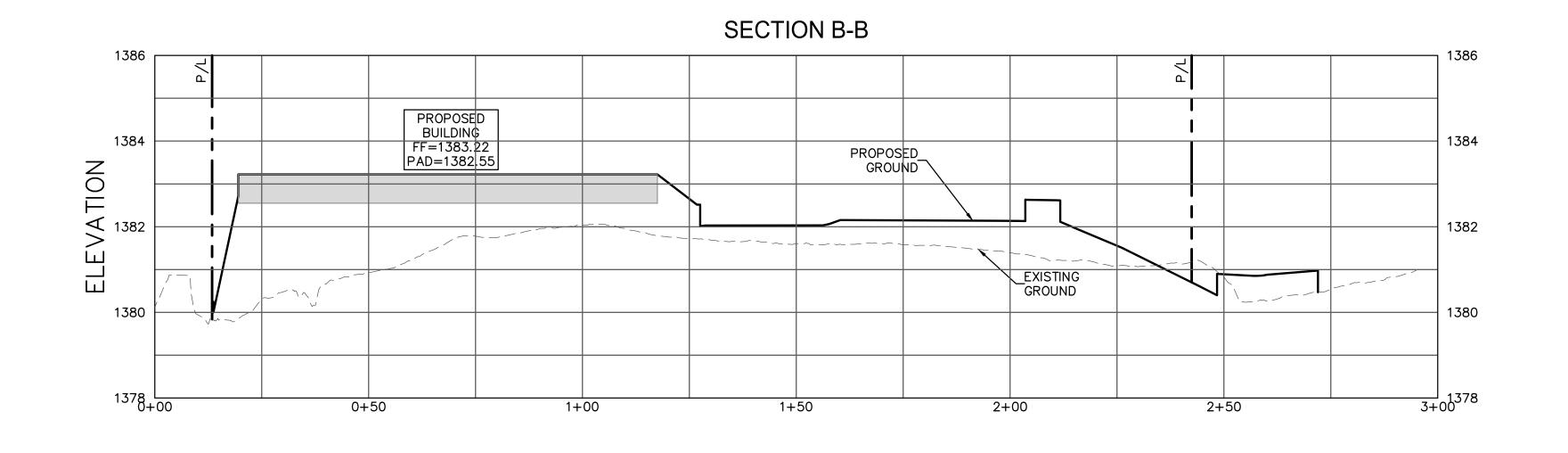




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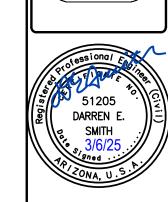
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GRADING SECTIONS
1440 S CLEARVIEW AVE.
POLARIS AUTISM ACADEMY



JOB NO. 24054

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SHEET NO.

3 OF 4

