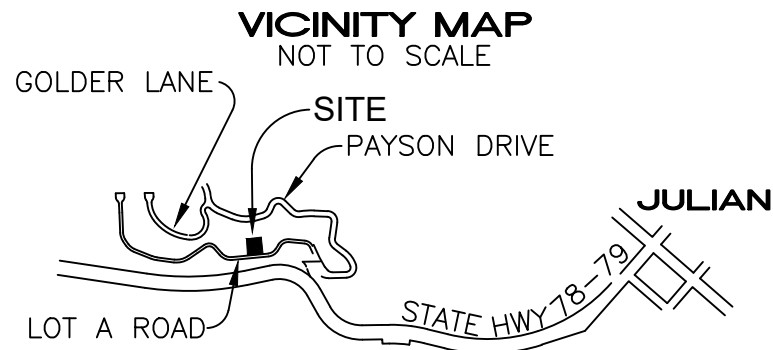




BMP LEGEND

- PDS 659** BROW DITCH
- PDS 659** BERM
- DIRECTION OF LOT DRAINAGE

MATERIALS & WASTE MANAGEMENT BMPs:

- WM-1** MATERIAL DELIVERY & STORAGE
- WM-4** SPILL PREVENTION AND CONTROL
- WM-8** CONCRETE WASTE MANAGEMENT
- WM-9** SOLID WASTE MANAGEMENT
- WM-9** SANITARY WASTE MANAGEMENT
- WM-6** HAZARDOUS WASTE MANAGEMENT

TEMPORARY RUNOFF CONTROL BMPs:

- SS-2** PRESERVATION OF EXISTING VEGETATION
- SS-3** BONDED OR STABILIZED FIBER MATRIX (WINTER)
- SS-4** HYDROSEEDING (SUMMER)
- SS-6** / **SS-8** STRAW OR WOOD MULCH
- SS-7** PHYSICAL STABILIZATION (WINTER)
- SS-10** ENERGY DISSIPATOR
- SC-1** SILT FENCE
- SC-2** SEDIMENT / DESILTING BASIN
- SC-5** FIBER ROLLS
- SC-6** / **SC-8** GRAVEL OR SAND BAGS
- SC-7** STREET SWEEPING AND VACUUMING
- SC-10** STORM DRAIN INLET PROTECTION
- NS-2** DEWATERING FILTRATION
- TC-1** STABILIZED CONSTRUCTION ENTRANCE
- TC-2** CONSTRUCTION ROAD STABILIZATION
- TC-3** ENTRANCE / EXIT TIRE WASH

POST-CONSTRUCTION SITE DESIGN BMPs

- 4.3.1** MAINTAIN NATURAL DRAINAGE PATHWAYS AND HYDROLOGIC FEATURES
- 4.3.2** CONSERVE NATURAL AREAS, SOILS, AND VEGETATION
- 4.3.3** MINIMIZE IMPERVIOUS AREA
- 4.3.4** MINIMIZE SOIL COMPACTION
- 4.3.5** IMPERVIOUS AREA DISPERSION
- 4.3.6** RUNOFF COLLECTION
- 4.3.7** LANDSCAPING WITH NATIVE OR DROUGHT TOLERANT SPECIES
- 4.3.8** HARVESTING AND USING PRECIPITATION

POST CONSTRUCTION SOURCE CONTROL BMPs

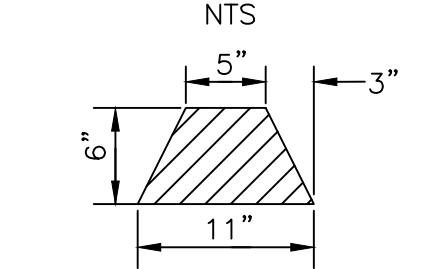
- 4.2.1** PREVENTION OF ILLICIT DISCHARGES INTO THE MS4
- 4.2.2** STORM DRAIN STENCILING AND POSTING OF SIGNAGE
- 4.2.3** PROTECTED OUTDOOR MATERIALS STORAGE AREAS
- 4.2.4** PROTECT MATERIALS STORED IN OUTDOOR WORK AREAS
- 4.2.5** PROTECT TRASH STORAGE AREAS
- 4.2.6** ADDNL BMPs BASED ON POTENTIAL RUNOFF POLLUTANTS:

- | | | |
|--|---|---|
| A ON-SITE STORM DRAIN INLETS | G FOOD SERVICE | M FUEL DISPENSING AREAS |
| B INTERIOR FLOOR DRAINS & ELEVATOR SHAFT SUMPS | H TRASH OR REFUSE AREAS | N LOADING DOCKS |
| C INTERIOR PARKING GARAGES | I INDUSTRIAL PROCESSES | O FIRE SPRINKLER TEST WATER |
| D NEED FOR FUTURE INDOOR & STR. PEST CONTROL | J OUTDOOR STORAGE OF EQUIP. OR MATERIALS | P MISCELLANEOUS DRAIN OR WASH WATER |
| E LANDSCAPE/OUTDOOR PESTICIDE USE | K VEHICLE AND EQUIPMENT CLEANING | Q PLAZAS, SIDEWALKS, DRIVEWAYS, AND PARKING LOTS |
| F POOLS, SPAS, PONDS, FOUNTAINS, & WATER FEATURES | L VEHICLE/EQUIPMENT REPAIR AND MAINTENANCE | |

STORMWATER MANAGEMENT NOTES

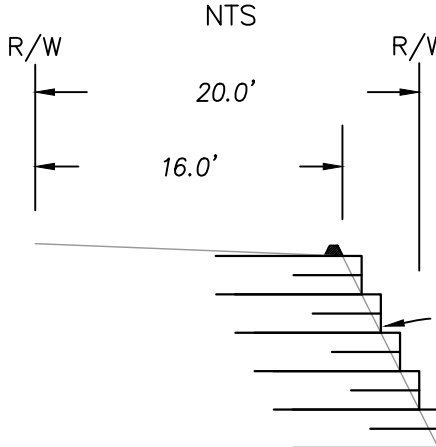
- DURING THE RAINY SEASON FROM OCTOBER 1ST TO APRIL 30TH THE AMOUNT OF EXPOSED SOIL ALLOWED AT ONE TIME SHALL NOT EXCEED THAT WHICH CAN BE ADEQUATELY PROTECTED WITHIN 48 HOURS OF A PREDICTED RAIN.
- 125% OF ALL NEEDED BMP MATERIALS SHALL BE STORED ONSITE YEAR-ROUND TO ALLOW FULL DEPLOYMENT AND INSTALLATION WITHIN 48 HOURS OF A PREDICTED RAIN.
- THE PROPERTY OWNER SHALL COMPLY WITH ALL APPLICABLE STORMWATER REGULATIONS AT ALL TIMES. THE BMPs THAT HAVE BEEN INCORPORATED INTO THIS PLAN SHALL BE IMPLEMENTED AND MAINTAINED TO PREVENT ONSITE EROSION AND TO PREVENT DISCHARGES OF POLLUTANTS FROM LEAVING THE SITE. MAINTENANCE OF BMPs IS THE RESPONSIBILITY OF THE PROPERTY OWNER AND FAILURE TO PROPERLY INSTALL OR MAINTAIN THE BMPs MAY RESULT IN ENFORCEMENT ACTION BY THE COUNTY OF SAN DIEGO OR OTHERS. IF INSTALLED BMPs FAIL, THEY MUST BE REPAIRED OR REPLACED WITH AN ACCEPTABLE ALTERNATE AS SOON AS IT IS SAFE TO DO SO.
- PERIMETER SEDIMENT CONTROL BMPs SHALL BE INSTALLED IMMEDIATELY AFTER THE AREA TO BE GRADED IS BRUSHED OR CLEARED, BUT PRIOR TO THE START OF GRADING OPERATIONS.
- EROSION CONTROL BMPs USED FOR SLOPE STABILIZATION SHALL BE INSTALLED AS SOON AS THE FINISHED SLOPES ARE COMPLETE.

AC BERM TYPICAL

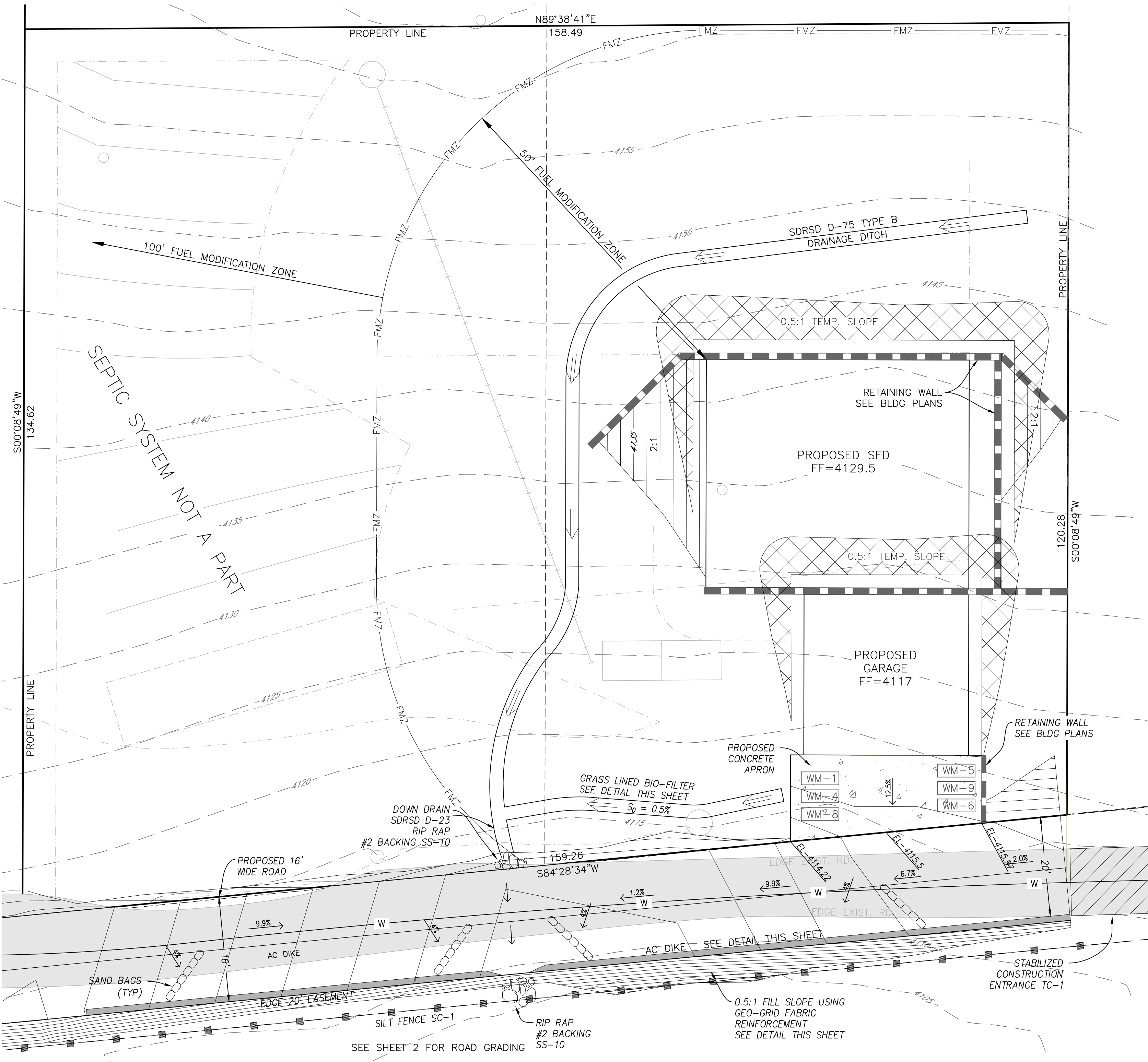
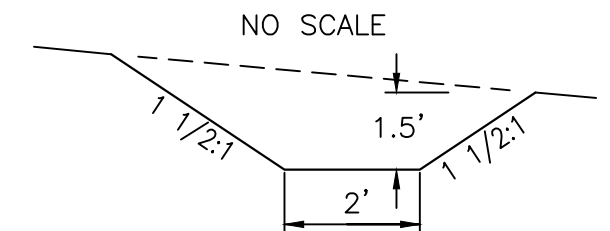


TYPE A-SECTION

GEO GRID DETAIL



GRASS LINED BIO-FILTER



GRADING NOTES

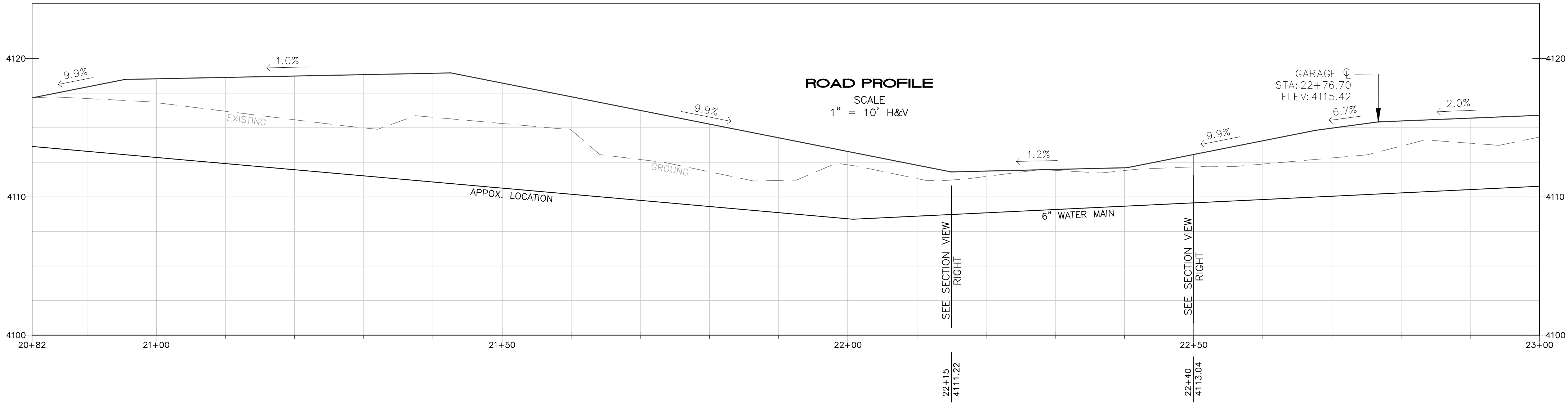
- ALL GRADING SHALL CONFORM OF THE REQUIREMENTS OF THE GRADING ORDINANCE SECTIONS 87.101 THROUGH 87.804 OF THE SAN DIEGO COUNTY CODE OF REGULATORY ORDINANCES.
- A REGISTERED CIVIL ENGINEER IS REQUIRED TO SUPERVISE INSTALLATION OF THE FILL KEYWAY AND ALL FILL BENCHING AND COMPACTION. A SOILS REPORT WITH COMPACTION TESTS IS REQUIRED FOR ALL FILL THAT IS OVER 12" IN DEPTH. DPLU FORM #73, MINOR GRADING CERTIFICATION, AND THREE (3) COPIES OF THE COMPACTION REPORT COMPLETED BY A SOILS ENGINEER SHALL BE SUBMITTED PRIOR TO ROUGH GRADE APPROVAL.
- ALL FILL MATERIAL SHALL BE COMPACTED TO AT LEAST 90% MAXIMUM DRY DENSITY.
- NATURAL DRAINAGE SHALL NOT BE DIVERTED OR CONCENTRATED ONTO ADJACENT PROPERTY.
- MAINTAIN 1% (MINIMUM) SLOPE AWAY FROM ALL BUILDINGS FOR AT LEAST 5'.
- ALL GRADING DETAILS SHALL BE IN CONFORMANCE WITH THE FOLLOWING SAN DIEGO COUNTY DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS:
 - A. DS-8 LOT GRADING
 - B. DS-10 GRADING OF SLOPES
 - C. DS-11 REQUIRED SETBACKS
 - D. D-40 RIP RAP ENERGY DISSIPATOR
 - E. D-75 DRAINAGE DITCHES
- BERMS SHALL BE REQUIRED AT THE TOP OF ALL FILL SLOPES AND SWALES OR BROW DITCHES SHALL BE REQUIRED AT THE TOP OF ALL CUT SLOPES. ALL BERMS, SWALES, OR BROW DITCHES SHALL CONFORM TO THE DESIGN STANDARDS OR REGIONAL STANDARD DRAWINGS LISTED ABOVE.
- REGARDLESS OF WHICH BMP'S ARE IMPLEMENTED THE FACE OF ALL CUT AND FILL SLOPES IN EXCESS OF 3' VERTICAL HEIGHT SHALL BE PLANTED AND MAINTAINED WITH A GROUND COVER OR OTHER PLANTING TO PROTECT THE SLOPES AGAINST EROSION AND INSTABILITY. PLANTING SHALL COMMENCE AS SOON AS SLOPES ARE COMPLETED. ALL PLANTING MUST HAVE A PERMANENTLY INSTALLED IRRIGATION SYSTEM
- REQUIRED SLOPE RATIOS ARE AS FOLLOWS:
 - A. CUTS - 1.5:1 FOR MINOR SLOPES (UP TO 15' VERTICAL HEIGHT)
 - B. CUTS - 2:1 FOR MAJOR SLOPES (OVER 15' VERTICAL HEIGHT)
 - C. FILLS - 2:1 (MAXIMUM) FOR ALL FILL SLOPES
- NOTWITHSTANDING THE MINIMUM STANDARDS SET FORTH IN THE GRADING ORDINANCE AND NOTWITHSTANDING THE APPROVAL OF THESE GRADING PLANS, THE OWNER AND PERMITEE ARE RESPONSIBLE FOR THE PREVENTION OF DAMAGE TO ADJACENT PROPERTIES. NO PERSON SHALL EXCAVATE SO CLOSE TO THE PROPERTY LINE AS TO ENDANGER ANY ADJOINING PUBLIC STREET OR SIDEWALK, OR THE FUNCTION OF ANY SEWAGE DISPOSAL SYSTEM OR ANY OTHER PUBLIC OR PRIVATE PROPERTY.
- THE DIRECTOR OF PLANNING AND LAND USE MAY IMPOSE CONDITIONS THAT ARE REASONABLY NECESSARY TO PREVENT THE CREATION OF A NUISANCE OR HAZARD TO PERSONS OR TO PUBLIC OR PRIVATE PROPERTY. THE DIRECTOR MAY ALSO MODIFY OR ADD CONDITIONS TO ANY VALID GRADING PERMIT WHEN SUCH MODIFICATIONS OR ADDITIONS ARE REASONABLY NECESSARY TO PREVENT THE CREATION OF A NUISANCE OR HAZARD TO PERSONS OR TO PUBLIC OR PRIVATE PROPERTY. SUCH CONDITIONS MAY INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
 - A. IMPROVEMENT OF EXISTING GRADING TO CONFORM WITH THE GRADING ORDINANCE, AND;
 - B. REQUIREMENTS FOR FENCING OF EXCAVATIONS OR FILLS THAT WOULD OTHERWISE BE HAZARDOUS, AND;
 - C. ADEQUATE DUST CONTROL MEASURES.
- ALL OPERATIONS CONDUCTED ON THE PREMISES, INCLUDING THE WARMING UP, REPAIR, ARRIVAL, DEPARTURE OR RUNNING OF TRUCKS, EARTH MOVING EQUIPMENT, CONSTRUCTION EQUIPMENT OR ANY OTHER ASSOCIATED GRADING EQUIPMENT SHALL BE LIMITED TO THE PERIOD BETWEEN 7:00AM AND 6:00PM MONDAY THROUGH SATURDAY. NO EARTH MOVING OR GRADING SHALL BE CONDUCTED ON SUNDAYS OR HOLIDAYS.
- THE CONTRACTOR SHALL VERIFY THE EXISTENCE AND LOCATION OF ALL UTILITIES BEFORE COMMENCING WORK. NOTICE OF THE PROPOSED WORK SHALL BE PROVIDED TO THE FOLLOWING AGENCIES BY CALLING 1-800-422-4133 FOR UTILITY CONTACT INFORMATION
 - A. SAN DIEGO GAS AND ELECTRIC
 - B. PHONE SERVICE
 - C. CABLE TV SERVICE
 - D. WATER UTILITY
 - E. SEWER UTILITY
- APPROVAL OF THESE PLANS BY THE DIRECTOR OF PLANNING AND LAND USE DOES NOT AUTHORIZE ANY WORK OR GRADING TO BE PERFORMED UNTIL THE PROPERTY OWNER'S PERMISSION IS OBTAINED, RIGHT TO ENTRY FORM COMPLETED AND VALID GRADING PERMIT ISSUED.
- THE ISSUANCE OF A GRADING PERMIT SHALL CONSTITUTE AN AUTHORIZATION TO PERFORM ONLY THAT WORK WHICH IS DESCRIBED OR SHOWN ON THE GRADING PERMIT APPLICATION AND APPROVED GRADING PLANS. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ANY CONDITIONS IMPOSED BY THE DIRECTOR OF PLANNING AND LAND USE AND IN ACCORDANCE WITH THE GRADING ORDINANCE.
- EARTHWORK QUANTITIES:

EXCAVATION:	573	CUBIC YARDS
FILL:	379	CUBIC YARDS inc. 20% compaction
IMPORT:	-0-	CUBIC YARDS
EXPORT:	194	CUBIC YARDS

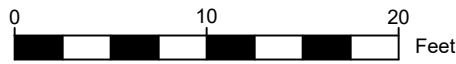
GRADING LEGEND

ITEM	SYMBOL	ITEM	SYMBOL
CUT SLOPE:		CUT/FILL LINE:	
FILL SLOPE:		PROPERTY LINE:	
WATERCOURSE:		EASEMENT LINE:	
EXISTING CONTOUR:		RETAINING WALL:	
PROPOSED CONTOUR:		FUEL MODIFICATION ZONE:	

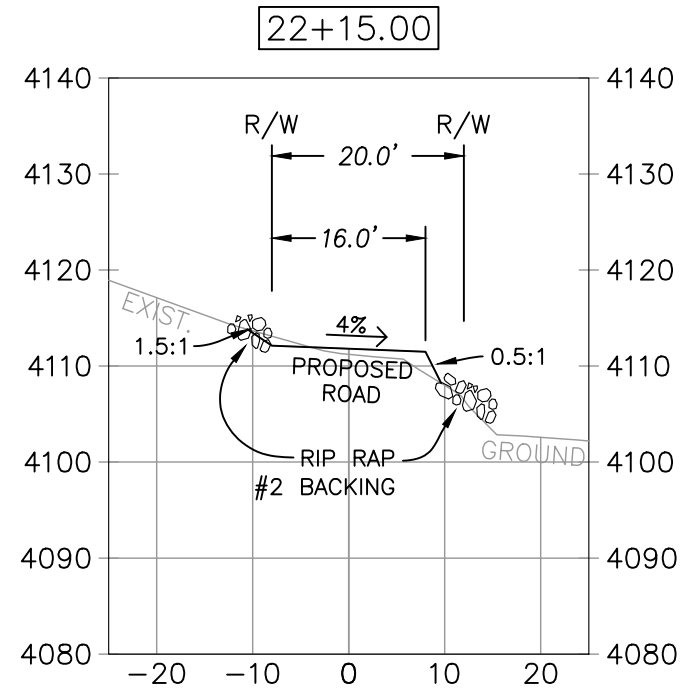
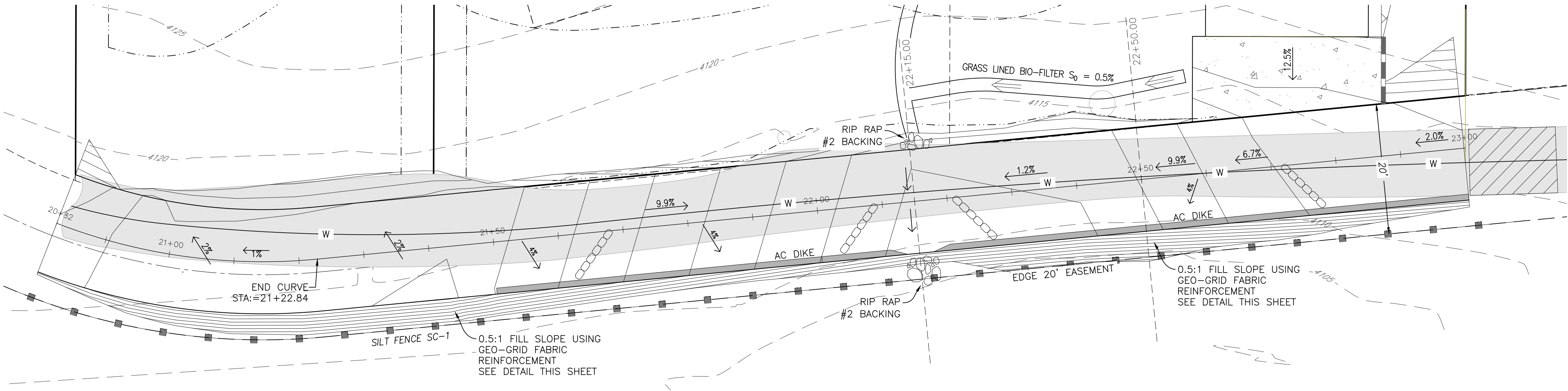
PROPERTY OWNER INFORMATION NAME: ALICIA SAWAYA ADDRESS: POB 1355 JULIAN, CA 92036 TELEPHONE NUMBER: (619) 315-4707 SITE A.P.N. NUMBER: 291-023-33-00 SITE ADDRESS: 2670 LOT A RD JULIAN, CA 92036	GRADING ON ADJACENT PARCELS LIST ANY ADJACENT PARCELS UNDER THE SAME OWNERSHIP AS THIS PARCEL FOR WHICH A GRADING PLAN HAS BEEN SUBMITTED OR A GRADING PERMIT ISSUED: APN(s): PROPERTY OWNER CERTIFICATION I CERTIFY THAT I HAVE READ AND UNDERSTAND THE STORMWATER MANAGEMENT NOTES AND THE GRADING NOTES: OWNER'S SIGNATURE (REQUIRED): DATE:	DISTURBED AREA CALCS PAD + SLOPES: 3,848 SF DRIVEWAY: 4,950 SF PRIMARY SEPTIC: 1,185 SF TOTAL: 9,983 SF IF ≥ 1 AC, PROVIDE WID# : N/A FIRE CLEARING: SF IF FIRE CLEARING AREA = 0 "ALL REQUIRED FIRE CLEARING WILL NOT CREATE A LAND DISTURBANCE ACTIVITY AS DEFINED BY COUNTY CODE."	PLAN CHECK/PERMITS BUILDING PERMIT PLAN CHECK NUMBER: PARCEL MAP NUMBER: ENGINEER OF WORK I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT. NAME: PATRICK L. BROWN RCE NO: 18067 DATE: 5/12/20 EXPIRES: 8/30/21	PRIVATE CONTRACT COUNTY OF SAN DIEGO PLANNING AND DEVELOPMENT SERVICES MINOR GRADING PLAN FOR: SAWAYA SINGE FAMILY DWELLING SHEET: 1 OF 2 APPROVED PLANNING AND DEVELOPMENT SERVICES BY: DATE: GRADING PERMIT NUMBER:
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LOT A ROAD IMPROVEMENT

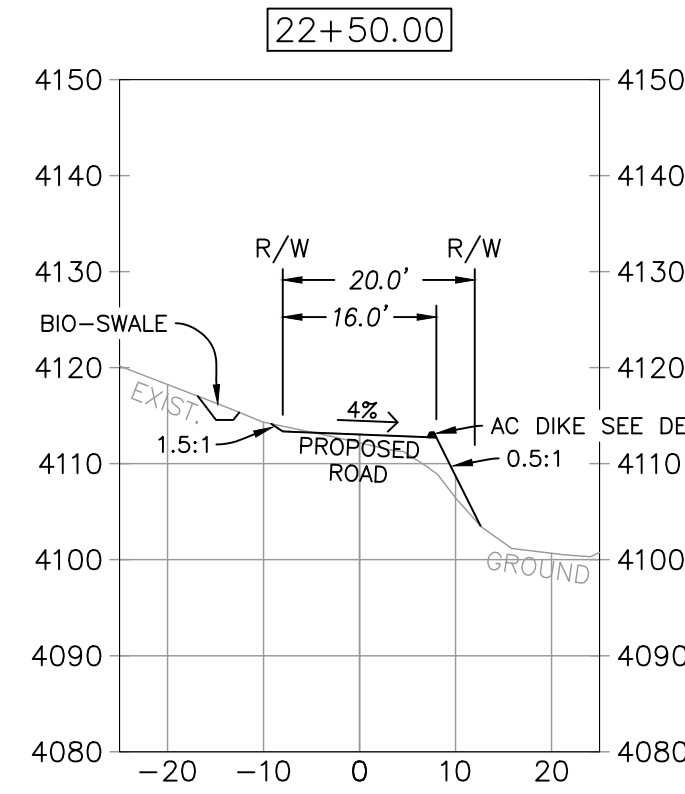


SCALE
1" = 10'

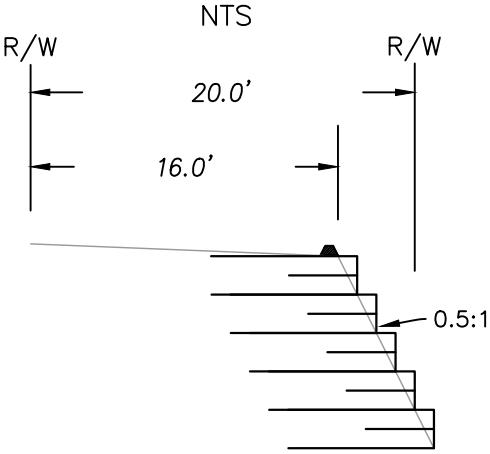


SECTION VIEW

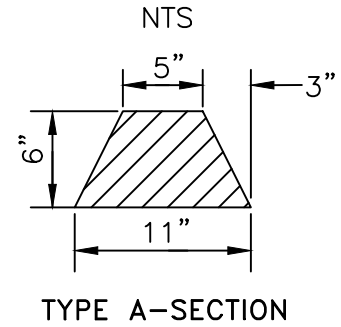
SCALE
1" = 20' H&V



GEO GRID DETAIL



AC BERM TYPICAL



PROPERTY OWNER INFORMATION

NAME: ALICIA SAWAYA

ADDRESS: POB 1355
JULIAN, CA 92036

TELEPHONE NUMBER: (619) 315-4707
(24 HOUR CONTACT NUMBER)

SITE A.P.N. NUMBER: 291-023-33-00

SITE ADDRESS: 2670 LOT A RD
JULIAN, CA 92036

PLAN CHECK/PERMITS

BUILDING PERMIT
PLAN CHECK NUMBER:

PARCEL MAP NUMBER:

ENGINEER OF WORK

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT.

NAME: DATE:

RCE NO: EXPIRES:

PRIVATE CONTRACT

COUNTY OF SAN DIEGO
PLANNING AND DEVELOPMENT SERVICES

MINOR GRADING PLAN FOR:
SAWAYA SINGE FAMILY DWELLING

SHEET: 2 OF 2

APPROVED
PLANNING AND DEVELOPMENT
SERVICES

BY: DATE:

GRADING PERMIT NUMBER: