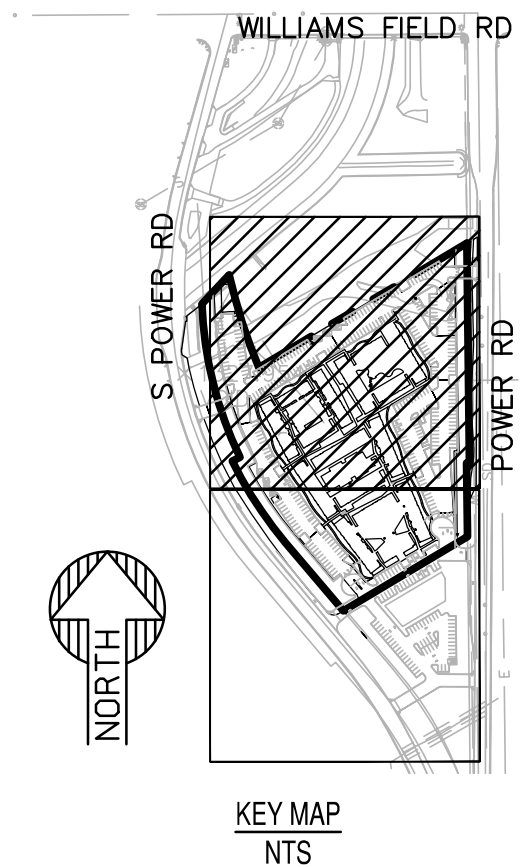


CABANA ON POWER  
PRELIMINARY GRADING & DRAINAGE PLAN

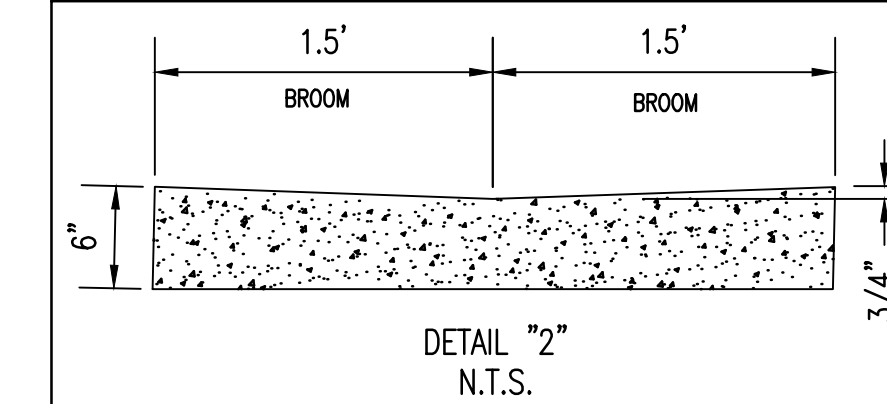
CIVIL ENGINEER:  
SUSTAINABILITY ENGINEERING  
GROUP, LLC  
8280 E. GELDING DR, SUITE #101  
SCOTTSDALE, AZ 85260  
480-588-7226  
ATTN: ALI FAKIH

DEVELOPER:  
GREENLIGHT CONSTRUCTION, LLC  
8135 E. INDIAN BEND RD, SUITE  
#101  
SCOTTSDALE, AZ 85250  
480-609-6779  
ATTN: MARK THOMAS



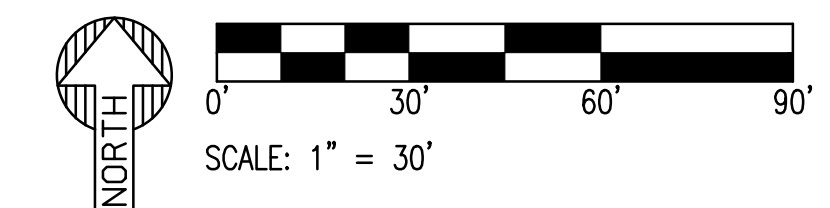
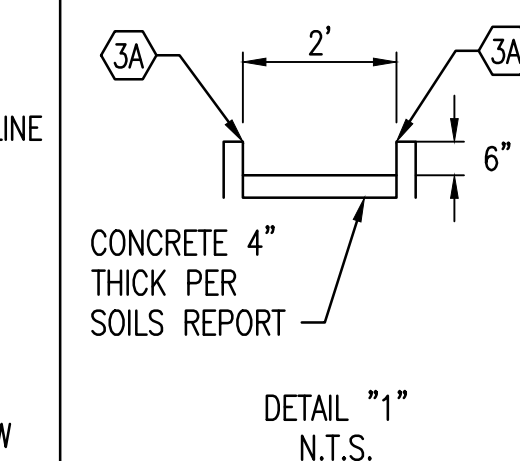
CONSTRUCTION NOTES

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- 2 CONTRACTOR SHALL VERIFY ALL INVERTS AND CLEARANCE OF CROSSING UTILITIES PRIOR TO COMMENCING CONSTRUCTION.
- 3 CONSTRUCT 6" CONCRETE VERTICAL CURB PER M.A.G. STD. DET. 222 TYPE "A".
- 3A CONSTRUCT 6" CONCRETE CURB AND GUTTER PER M.A.G. STD. DET. 220-1 TYPE "A".
- 4 CONSTRUCT 2' CURB OPENING PER DETAIL 1/C3.10.
- 5 CONSTRUCT CONCRETE VALLEY GUTTER PER M.A.G. STD. DET. 240 MODIFIED TO 3' WIDE PER DETAIL 2/C3.10.
- 6 CONSTRUCT PAVEMENT WITH 2% MAXIMUM SLOPE IN ANY DIRECTION AT ACCESSIBLE PARKING STALLS AND 2% MAXIMUM CROSS SLOPE AT ADA ACCESSIBLE ROUTE.
- 7 CONSTRUCT ADA RAMP PER DET. 3/SHEET C3.11.
- 7A CONSTRUCT ADA RAMP PER M.A.G. STD. DET. 238-3.
- 8 INSTALL LIGHT DUTY ASPHALT PAVEMENT.
- 8A INSTALL HEAVY DUTY ASPHALT PAVEMENT.
- 9 FURNISH AND INSTALL 24" HDPE DOUBLE WALL PIPE, CLASS 100; PIPE MATERIAL PER M.A.G. SPECIFICATION 738. LENGTH, SIZE AND SLOPE PER PLAN.
- 10 FURNISH AND INSTALL 120" CMP STORMWATER STORAGE SYSTEM. PIPE MATERIAL PER M.A.G. SPECIFICATION 621. LENGTH AND SLOPER PER PLAN. CONTRACTOR TO PROVIDE SIGNED AND SEALED SHOP DRAWINGS TO ENGINEER FOR APPROVAL PRIOR TO MANUFACTURING.
- 11 FURNISH AND INSTALL (2) UNDERGROUND STORMWATER STORAGE TANK (USST) SIGNS READING "NOTICE-UNDERGROUND STORMWATER STORAGE TANK".
- 12 FURNISH AND INSTALL CONCRETE CATCH BASIN PER M.A.G. STD. DET. 535.
- 12A FURNISH AND INSTALL CONCRETE CATCH BASIN PER M.A.G. STD. DET. 530.
- 13 FURNISH AND INSTALL PRECAST STORM MANHOLE WITH 60" BASE PER MAG. STD. DET. 520 & 522 WITH 30" FRAME & COVER PER M.A.G. STD. DET. 423-2. PROVIDE 40" COLLAR PER M.A.G. STD. DET. 270. MANHOLE STEPS ARE NOT TO BE INSTALLED PER CITY OF MESA SPECIFICATION 807.24.6.
- 14 FURNISH AND INSTALL 24" NYLOPLAST DRAIN BASIN WITH STANDARD GRATE PER DETAIL 1/C3.20.
- 14A FURNISH AND INSTALL 24" NYLOPLAST DRAIN BASIN WITH SOLID COVER PER DETAIL 1/C3.20.



LEGEND

- PROPERTY LINE
- CENTERLINE
- RIDGE LINE
- STORM PIPE
- FLOW ARROW
- CATCH BASIN
- PAVEMENT ELEVATION
- EXISTING ELEVATION



MATCHLINE REFER TO SHEET 3.11

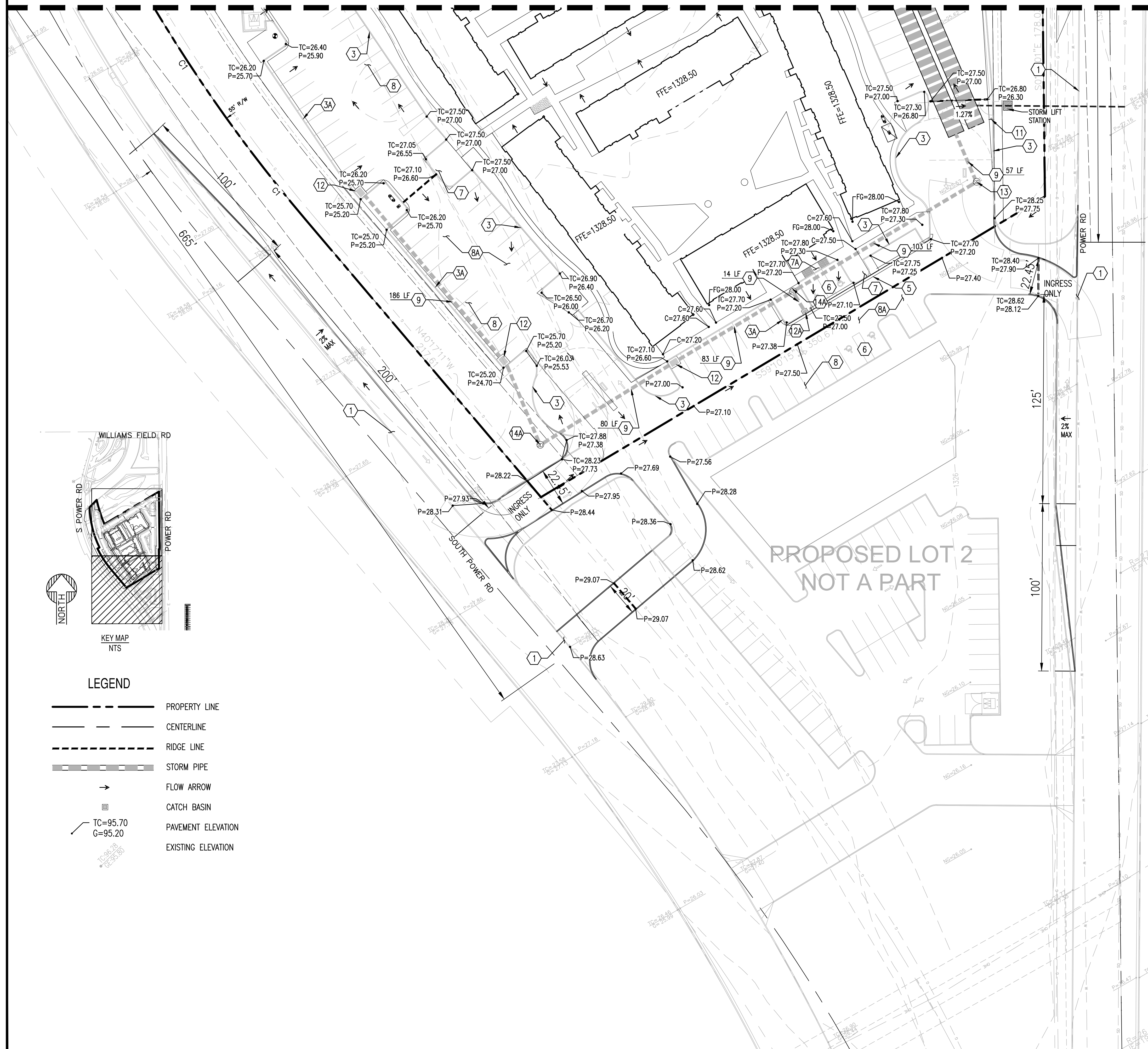
| PROJECT         |                                     | LOCATION                       |  |
|-----------------|-------------------------------------|--------------------------------|--|
| CABANA ON POWER |                                     | WILLIAMS FIELD RD AND POWER RD |  |
| DRAWN           | JS                                  | 06/25/2019                     |  |
| DESIGNED        | NS                                  | 06/25/2019                     |  |
| QC REVIEWER     | SC                                  | 06/25/2019                     |  |
| FINAL QA        |                                     |                                |  |
| PROJ. MGR.      | NS                                  | 06/25/2019                     |  |
| DATE:           | 07/15/2019                          |                                |  |
| ISSUED FOR:     | P&Z                                 |                                |  |
| REVISION NO.:   | DATE:                               |                                |  |
| 1               |                                     |                                |  |
| 2               |                                     |                                |  |
| 3               |                                     |                                |  |
| 4               |                                     |                                |  |
| JOB NO.:        | 190320                              |                                |  |
| SHEET TITLE:    | PRELIMINARY GRADING & DRAINAGE PLAN |                                |  |
| SHEET NO.:      | C3.10                               |                                |  |

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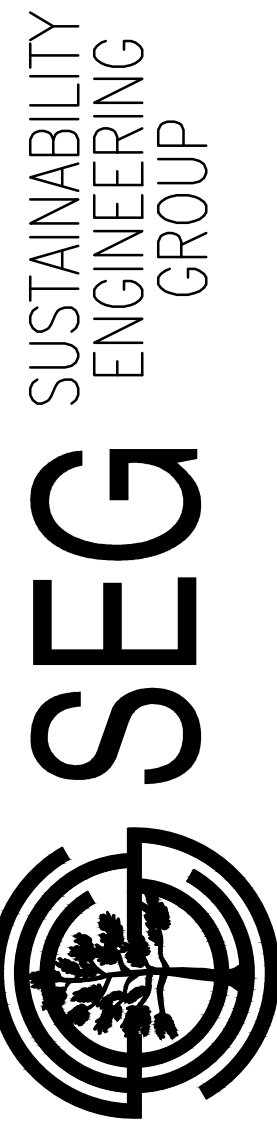
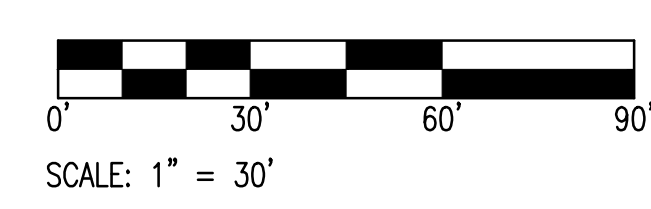
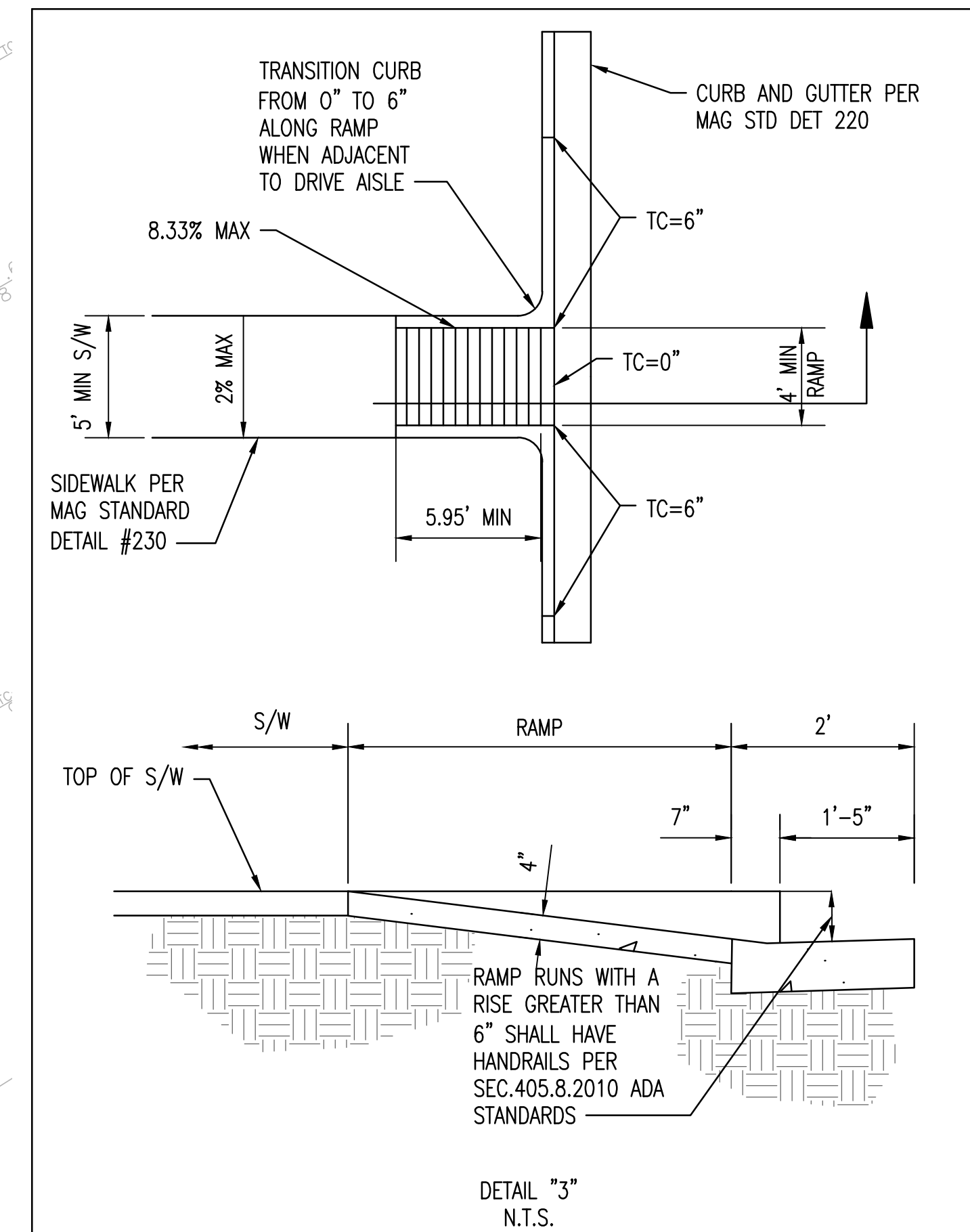
CABANA ON POWER  
PRELIMINARY GRADING & DRAINAGE PLAN

MATCHLINE REFER TO SHEET C3.10



CONSTRUCTION NOTES

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8280 E. GELDING DRIVE SUITE 101, SCOTTSDALE, ARIZONA 85260  
WWW.AZSEG.COM TEL. 480.588.7226 FAX. 480.259.3534

PROJECT  
CABANA ON POWER

LOCATION  
WILLIAMS FIELD RD AND POWER RD

DATE: 07/15/2019  
ISSUED FOR: P&Z

REVISION NO.: DATE:

JOB NO.: 190320

SHEET TITLE:

PRELIMINARY GRADING  
& DRAINAGE PLAN

SHEET NO.: C3.11

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