

- GRADING & DRAINAGE CONSTRUCTION NOTES.**
- INSTALL HEAVY DUTY PAVEMENT, 3" AC OVER 8" ABC PER DETAIL 2 ON SHEET C1.01.
  - INSTALL LIGHT DUTY PAVEMENT, 2" AC OVER 6" ABC PER DETAIL 3 ON SHEET C1.01.
  - CONSTRUCT 6" VERTICAL SINGLE CURB PER MAG STD DTL 222, TYPE 'B'.
  - CONSTRUCT 6" VERTICAL CURB & GUTTER PER MAG STD DTL 220.
  - CONSTRUCT 4" THICK SIDEWALK PER MAG STD DTL 230. CROSS SLOPES NOT TO EXCEED 2% ANTI-CRESCENT SLOPES NOT TO EXCEED 5% WITH PER PLAN.
  - CONTRACTOR TO COMPACT ENTIRE AREA OF BUILDING FOR SOILS REPORT.
  - CONSTRUCT SIDEWALK SLOPPER PER MAG STD DTL 203.
  - LANDSCAPE AREA. SEE ARCHITECTURAL PLANS FOR DETAILS.
  - 1" BENCH AT SIDEWALK EDGE, THEN 6:1 SLOPE TO MATCH EXISTING.
  - CONTRACTOR TO GRADE SWALE PER CONTOURS SHOWN ON PLANS. CONTOURS SHOWN ARE FINAL GRADES. THE CONTRACTOR SHALL MAKE ADJUSTMENTS DURING CONSTRUCTION TO ACCOUNT FOR LAMING.
  - PROPOSED FENCE AND GATE. SEE ARCHITECTURAL PLANS FOR DETAILS.
  - CONSTRUCT SIDEWALK RAMP PER DETAIL 4 ON SHEET C1.01.
  - CONSTRUCT CURB OPENING PER DETAIL 5 ON SHEET C1.01.
  - CONSTRUCT CURB TERMINATION PER MAG STD DTL 222.

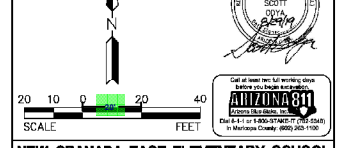
- OFFSITE CONSTRUCTION NOTES**
- SAWCUT, REMOVE & REPLACE EXISTING PAVEMENT PER MAG SPEC 336 AND C.O.P. DTL P-1000, TYPE B, 23 SY. REPLACE IN KIND, WHICHEVER IS GREATER.
  - MINIMUM.
  - SAWCUT & REMOVE EXISTING CONCRETE SIDEWALK TO 373 SF NEAREST JOINT.
  - SAWCUT & REMOVE EXISTING CONCRETE CURB TO 92 LF NEAREST JOINT.
  - CONSTRUCT DRIVEWAY ENTRANCE PER C.O.P. STD DTL P1255-1, WIDTH PER PLAN.

- STORM DRAIN CONSTRUCTION NOTES**
- CONSTRUCT BUBBLER BOX PER DETAIL 1 ON SHEET C1.01. 1 EA
  - CONSTRUCT CATCH BASIN PER MAG STD DTL 535, TYPE 'B'. 2 EA
  - CONSTRUCT CATCH BASIN PER MAG STD DTL 534-1, TYPE 'E'. 1 EA
  - INSTALL 12" HDPE STORM DRAIN PIPE PER MAG SPEC 734.1 AND C.O.P. PER DETAIL 1 ON SHEET C1.01. 347 LF
  - INSTALL HOPE TEE. 1 EA
  - INSTALL HOPE BEND. 1 EA

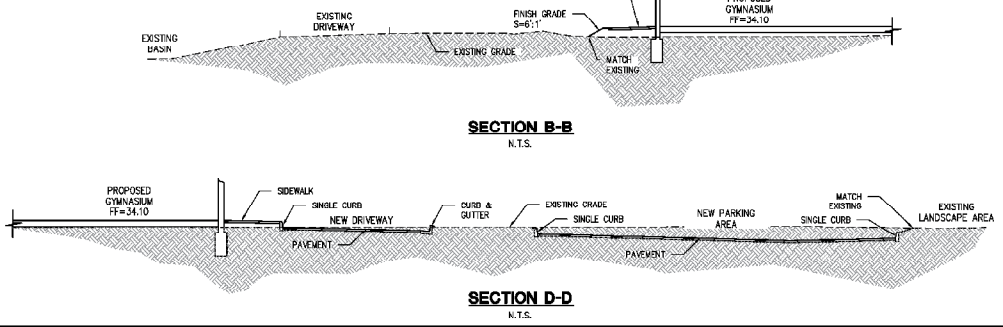
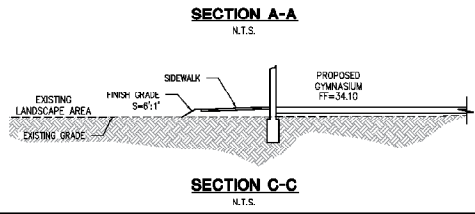
**NOTE:**  
DRIVEWAYS CONSTRUCTED UNDER SEPARATE PERMIT.

SEAL CERTIFIED BY: DENVER METS/ANALYST, LEED AP, ACCREDITED 08/20/2019  
 (Owner/Agent of Self-Certified Professional) Date

\* Plans were prepared by or under the direct supervision of, or reviewed by the Self-Certified Professional.  
 \* Plans are complete.  
 \* The plans are, as of the date of submission, in compliance with City of Phoenix building, civil, site, and zoning review ordinances, and all other applicable laws.



- 51 - 03100 - Concrete - 1.0 - Curb (Adjacent Ways) - Q1 513 LF
- 52 - 03100 - Concrete - 1.1 - Gutter (Adjacent Ways) - Q1 222 LF
- 53 - 03100 - Concrete - 1.2 - Sidewalk: 4" Thick (Offsite) - Q1 370 SF
- 54 - 03100 - Concrete - 1.6 - Driveway (Offsite) - Q1 289 SF
- 58 - 03100 - Concrete - 1.4 - Curb - Q1 363 LF
- 50 - 31100 - Earthwork - 9.1 - HD Asphalt: 3" AC over 8" ABC (Adjacent Ways) - Q1 723 SY; Q2 80 CY
- 55 - 31100 - Earthwork - 2.0 - LD Asphalt: 2" AC on 6" ABC - Q1 715 SY; Q2 79 CY
- 77 - 32200 - Demolition - 9.1 - Remove Asphalt for driveway - Q1 190 SF
- 56 - 33100 - Site Utilities (Wets) - 3.0 - Storm Sewer: 12" HDPE - Q1 339 LF
- 59 - 33100 - Site Utilities (Wets) - Catch Basin - Q1 3 EA
- 60 - 33100 - Site Utilities (Wets) - 3.1 - Bubbler Box - Q1 1 EA



**NEW GRANADA EAST ELEMENTARY SCHOOL GYMNASIUM ADDITION**  
 3022 W. CAMPBELL AVENUE PHOENIX, ARIZONA

**GRADING & DRAINAGE PLAN WITH OFFSITE IMPROVEMENTS**

PROJ. NO. 2126  
 DATE: SEP 2019  
 SCALE: 1"=20'  
 DESIGNED: MH DRAWN: RC APPROVED: SO  
 REV. \_\_\_\_\_

**HILGARTWILSON**

DWG. NO. **C1.1**  
 SH. 3 OF 3

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