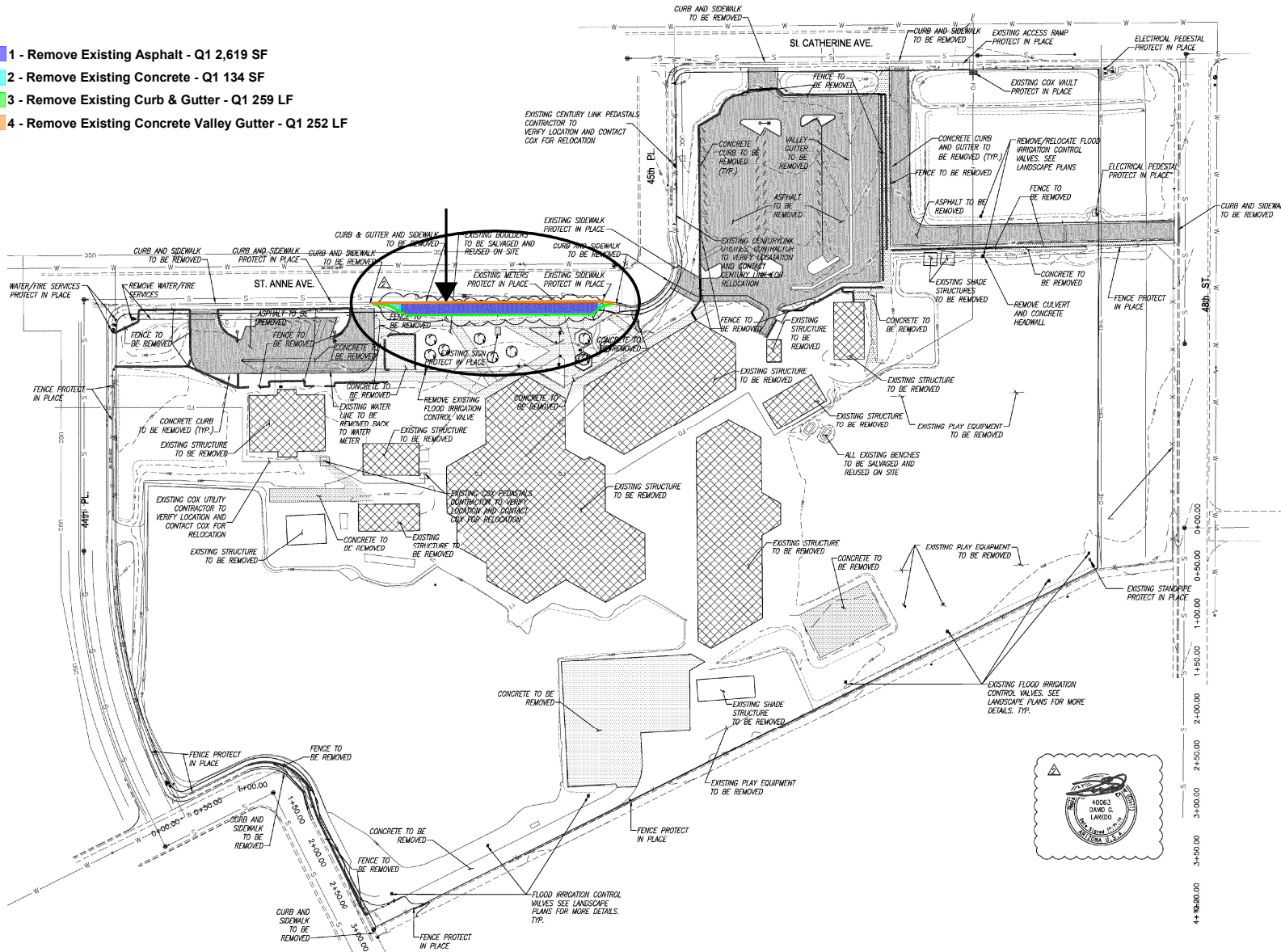


- 1 - Remove Existing Asphalt - Q1 2,619 SF
- 2 - Remove Existing Concrete - Q1 134 SF
- 3 - Remove Existing Curb & Gutter - Q1 259 LF
- 4 - Remove Existing Concrete Valley Gutter - Q1 252 LF



THIS SHEET FOR REFERENCE ONLY

#### QUANTITIES

|  |                                      |
|--|--------------------------------------|
|  | DEMO BUILDING/STRUCTURE = ±74,360 SF |
|  | DEMO CONCRETE = ± 5,332 SY           |
|  | DEMO ASPHALT = ± 4,252 SY            |

#### LEGEND

|  |                             |
|--|-----------------------------|
|  | EXISTING GAS                |
|  | EXISTING SEWER LINE         |
|  | EXISTING WATER LINE         |
|  | EXISTING UNDERGROUND ELEC.  |
|  | EXISTING UNDERGROUND COAL   |
|  | EXISTING OVERHEAD ELEC.     |
|  | EXISTING STORM DRAIN        |
|  | EXISTING BACKFLOW PREVENTOR |
|  | EXISTING WATER VALVE        |
|  | EXISTING FIRE HYDRANT       |
|  | EXISTING SEWER MANHOLE      |
|  | EXISTING MAJOR CONTOUR      |
|  | EXISTING MINOR CONTOUR      |
|  | EXISTING POWER POLE         |
|  | EXISTING WATER METER        |
|  | EXISTING SEWER CLEANOUT     |

#### CONTRACTOR NOTE:

1. ANY UTILITY LOCATED WITHIN THE PROJECT NOT FOUND ON THIS PLAN SHEET, PLEASE NOTIFY THE ENGINEER.
2. ALL QUANTITIES SHOWN ARE PRELIMINARY ESTIMATES. ONLY THE CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR OWN ESTIMATES.
3. CONTRACTOR TO SALVAGE USABLE PLAY EQUIPMENT FOR NEW ON-SITE DESIGNATED AREAS OR OTHER OFF-SITE SCHOOL DISTRICT SITES.
4. CONTRACTOR TO SALVAGE EXISTING USABLE STRUCTURES, EQUIPMENT & AESTHETIC ITEMS, SUCH AS BUT NOT LIMITED TO: CHIMP STRUCTURES, BENCHES, BOLLARDS, ELECTRICAL FEEDER LINES AND MANY MORE COMPONENTS. WHEN POSSIBLE RELOCATE STRUCTURES AND/OR EQUIPMENT ON-SITE.



|                                           |                                          |                          |
|-------------------------------------------|------------------------------------------|--------------------------|
| Project No.<br><b>17129</b>               | Date<br><b>03/15/2018</b>                | Sheet No.<br><b>C103</b> |
| Project Manager<br><b>D. LAREDO, P.E.</b> | Project Engineer<br><b>M. WOLF, P.E.</b> |                          |



ADDITIONS AND RENOVATIONS TO  
NEVITT ELEMENTARY SCHOOL  
TEMPE ELEMENTARY SCHOOL DISTRICT NO. 3  
4525 E. ST. ANNE AVE.  
PHOENIX, AZ 85042



Job No. 1708  
Drawn: DE  
Checked: MEH  
Date: 03/15/18  
Revised:

FOR CONSTRUCTION

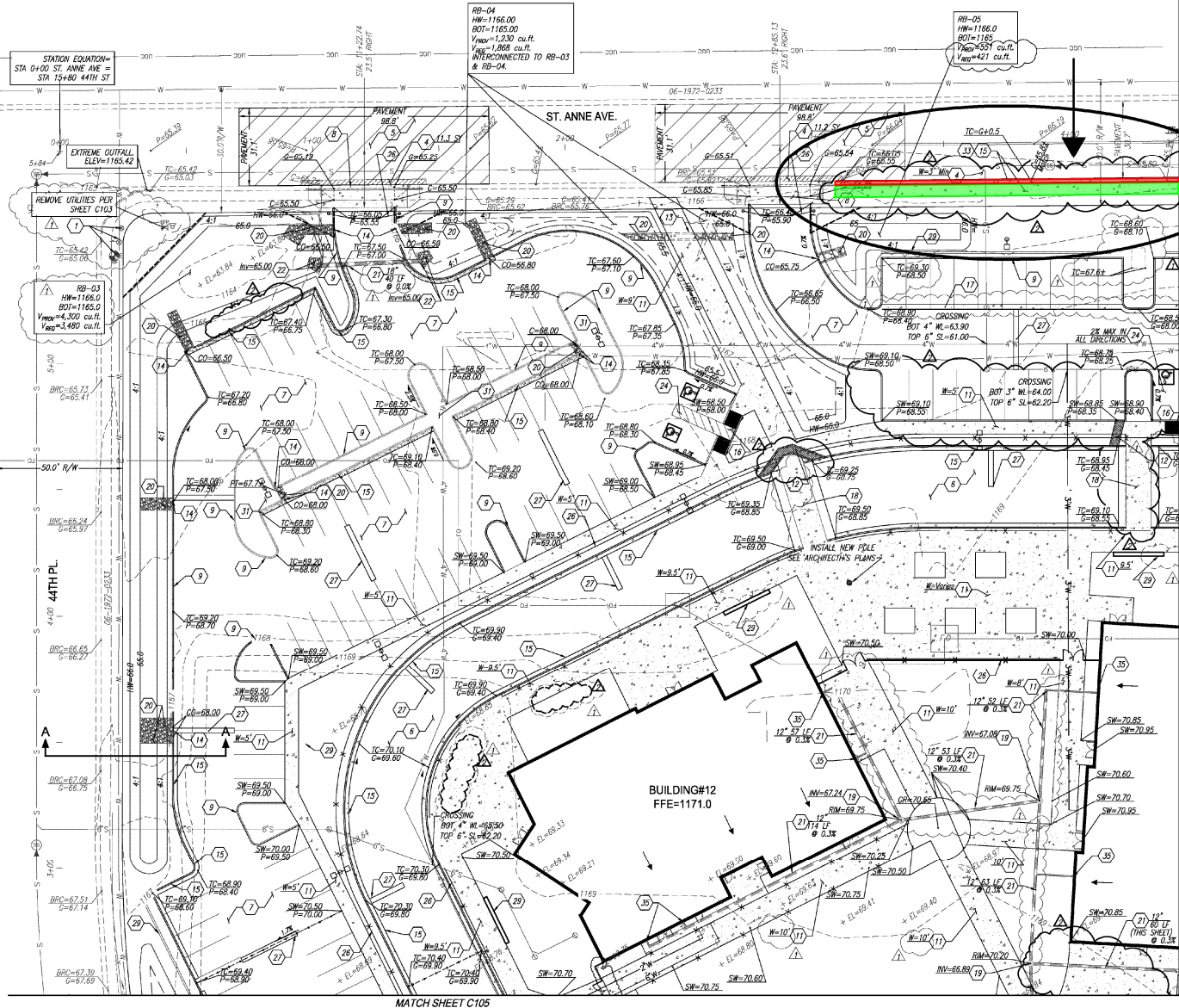
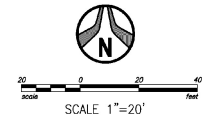
HDA ARCHITECTS, LLC.  
459 N. Gilbert Road, Suite C-200, Gilbert, AZ 85334  
TEL: (480) 539 8800 FAX: (480) 539 8608  
Demo Grading & Drainage Plan w/ Offsite Improvements

**HDA**  
HDA ARCHITECTS, LLC.

Sheet No.  
**C103**

PAPP#1705053 KIVA#17-3110

- 5 - Concrete Sidewalk - Q1 614 SF
- 6 - Concrete Curb & Gutter - Q1 136 LF



#### GRADING NOTES:

- 1 PROTECT EXISTING STRUCTURE
- 2 EXISTING CONCRETE PEDESTALS
- 3 REMOVE EXISTING CURB AND GUTTER
- 4 SAWCUT AND REMOVE AC PAVEMENT, PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 25.0 IN BOTH DIRECTIONS FROM THE PAVEMENT CUTS
- 5 CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER DETAIL 2 ON SHEET C102
- 6 CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER DETAIL 2 ON SHEET C102
- 7 INSTALL DRAINAGE ENTRANCE TYPE A PER C.O.P. S.D. P-1255-1
- 8 INSTALL SINGLE CURB PER MAG S.D. 222 TYPE B
- 9 INSTALL ROLL CURB PER MAG S.D. 220-1 TYPE 'C'
- 10 CONSTRUCT MANHOLE CONCRETE SIDEWALK PER DETAIL 445 ON SHEET C102
- 11 REFER TO C.O.P. S.D. P-1230
- 12 CONSTRUCT CONCRETE SIDEWALK SCULPTURE PER MAG S.D. 203
- 13 CONSTRUCT CONCRETE SIDEWALK SCULPTURE PER MAG S.D. 206
- 14 PROVIDE 3" CURB OPENING PER DET. 1 ON SHEET C102
- 15 INSTALL VERTICAL CONCRETE CURB & GUTTER PER MAG S.D. 220-1 TYPE 'A'
- 16 CONSTRUCT SIDEWALK RAMP PER DETAIL 6 ON SHEET C102
- 17 CONSTRUCT CONCRETE 2" VALLEY GUTTER PER C.O.P. S.D. P1021
- 18 CONSTRUCT SPEED TABLE WITH CROSSWALK PER DETAIL 2 ON SHEET C102
- 19 NEW 30" ADS NON-TRAFFIC DRAIN BASIN W/24" STANDARD GRATE
- 20 SEE DETAIL ON SHEET C102, INSERT PER PLAN
- 21 INSTALL ROCK SPECIFICATIONS PER DETAIL 3 ON SHEET C102
- 22 INSTALL 18" STORM DRAIN PIPE SIZE AND SLOPE PER PLAN ROOF & OVER FLOWS LEADERS TO CONNECT TO THE NEAREST STORMDRAIN PIPE
- 23 INSTALL RILEY OUTLET HEADWALL & TRASH RACK PER MAG S.D. 501.4 & 502.2
- 24 REMOVE AND RELOCATE FENCE WITHIN 2' OF PROPERTY LINE
- 25 CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS, 2% (MAX) IN ALL DIRECTIONS
- 26 PROVIDE TRASH ENCLOSURE PER ARCHITECT'S PLANS
- 27 SITE WALL/FENCE PER ARCHITECT'S PLANS
- 28 INSTALL SPEED BUMP PER ARCHITECT'S PLAN
- 29 EXISTING FLOOD IRRIGATION STRUCTURE. REFER TO THE LANDSCAPING PLANS FOR DETAILS
- 30 CONSTRUCT WALL PER ARCHITECT'S PLAN
- 31 INSTALL ACCESSIBLE RAMP PER DETAIL 6 ON SHEET C102
- 32 DEPRESS AREA 6" MIN. U.N.D.
- 33 PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR BOULDERS
- 34 INSTALL CURB AND SIDEWALK PER PLAN, TURN DOWN SIDEWALK & CURB PER C.O.P. S.D. P1244 - SIDEWALK & CURB SHALL BE 18" WIDE PER C.O.P. S.D. P1243
- 35 INSTALL CONCRETE SCULPTURE PER DETAIL 8 ON SHEET C102 AT EACH DOWNSPOUT LOCATION (REFER TO ARCHITECT'S PLANS FOR LOCATION)
- 36 CONNECT ROOF & OVERFLOW LEADERS TO STORMDRAIN PER DET. 1003 ON SHEET C102

SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

CAUTION: EXISTING UNDERGROUND FACILITIES WITHIN PROJECT VICINITY. OUTSIDE OF IMMEDIATE PROJECT LIMITS. CONTRACTOR TO CONFIRM LOCATION AND PROTECT IN PLACE

CAUTION: PROPOSED DEMOLITION AREAS. EXISTING COX UTILITIES. PROCEED WITH CAUTION & PROTECT IN PLACE



|                 |                 |                  |               |           |      |
|-----------------|-----------------|------------------|---------------|-----------|------|
| Project No.     | 17129           | Date             | 03/15/2018    | Sheet No. | C104 |
| Project Manager | D. LAREDO, P.E. | Project Engineer | M. WOLF, P.E. |           |      |



ADDITIONS AND RENOVATIONS TO  
NEVITT ELEMENTARY SCHOOL  
TEMPE ELEMENTARY SCHOOL DISTRICT NO. 3  
4525 E. ST. ANNE AVE.  
PHOENIX, AZ 85042



Job No. 1709  
Drawn: DL  
Checked: MEH  
Date: 03/15/18  
Revised:

FOR CONSTRUCTION

HDA ARCHITECTS, LLC  
459 N. Gilbert Road, Suite C-200, Gilbert, AZ 85234  
TEL: (480) 539 8800 FAX: (480) 539 8608  
Grading Plan  
Grading & Drainage Plan w/ Office Improvements

Call before you dig  
1.800.254.1100

HDA ARCHITECTS, LLC  
Sheet No. C104