

Tempe Elementary School District

Nevitt School Rebuild

Adjacent Ways Estimate
Contract Number: 17-29-01

Revised November 16, 2018



11/16/2018

Nevitt Elementary School

4525 E Saint Anne Ave

Phoenix, AZ 85042

Contract Number : 17-29-01

Revised

Item	Description Of Work	Adjacent Ways - ONSITE	Adjacent Ways - OFFSITE	Adjacent Ways - Additional OFFSITE	Total Adjacent Ways
DIVISION 01 - GENERAL REQUIREMENTS					
1	General Requirements	\$20,707	\$6,902	\$0	\$27,609
2	Layout & Surveying	\$7,000	\$0	\$645	\$7,000
Division 02 - SITE CONSTRUCTION					
3	Demolition	\$0	\$0	\$2,776	\$0
4	Earthwork & Paving	\$146,224	\$8,776	\$2,972	\$155,000
5	Pavement Markings	\$12,840	\$0	\$0	\$12,840
6	Site Utilities	\$0	\$125,230	\$0	\$125,230
DIVISION 03 - CONCRETE					
7	Concrete	\$33,000	\$31,194	\$9,271	\$64,194
8	Subtotal	\$219,772	\$172,102	\$15,664	\$391,874
9	Material Testing/Special Inspection	\$4,160	\$0	\$500	\$4,160
10	General Liability Insurance	\$2,696	\$2,015	\$195	\$4,711
11	Builders Risk Insurance	\$809	\$604	\$58	\$1,413
12	Performance & Payment Bond	\$6,745	\$0	\$265	\$0
13	Contingency - Construction	\$7,692	\$6,024	\$783	\$13,716
14	Contractors Fee	\$13,482	\$10,074	\$973	\$23,556
15	Subtotal	\$255,356	\$190,819	\$18,438	\$439,430
16	Sales Taxes	\$14,274	\$10,667	\$1,031	\$24,941
17	TOTAL	\$269,631	\$201,485	\$19,469	\$490,585



4/27/2018

Nevitt Elementary School

4525 E Saint Anne Ave

Phoenix, AZ 85042

Contract Number : 17-29-01

ONSITE ADJACENT WAYS - Revised

Item	Description Of Work	Total Quantity	Unit	Total Cost	Division Sum
DIVISION 01 - GENERAL REQUIREMENTS					
1	General Requirements	1	LS	\$20,707	
2	Layout & Surveying	1	LS	\$7,000	
3	Total General Requirement & Survey				\$27,707
Division 02 - SITE CONSTRUCTION					
4	Earthwork & Paving				
5	Sidewalk Demolition - No Building only Pathway	17,541	SF	\$21,401	
6	Clear & Grub	105,997	SF	\$10,600	
7	Fine grade subgrade for Asphalt Paving	5,380	SY	\$10,760	
8	Import & place fill	1,937	CY	\$6,779	
9	Pave 3" AC on 8 ABC	5,380	SY	\$93,186	
10	Water Cost	1	LS	\$3,500	
11	Total Earthwork & Paving				\$146,226
12	Pavement Markings				
13	Fire lane signs & post	35	EA	\$6,300	
14	Fire Lane marking	3,951	LF	\$3,435	
15	Arrow paint	14	EA	\$1,260	
16	Stop Sign	1	EA	\$175	
17	DO NOT ENTER Sign	1	EA	\$200	
18	Speed Humps	6	EA	\$570	
19	Cross walks paint	3	EA	\$900	
20	Total Pavement Markings				\$12,840
DIVISION 03 - CONCRETE					
24	Concrete				
25	Onsite Curb & Gutter	1,455	LF	\$18,915	
26	Onsite Vertical Curb	1,252	LF	\$14,085	
27	Total Concrete				\$33,000
28	Subtotal				\$219,773



4/27/2018

Nevitt Elementary School

4525 E Saint Anne Ave

Phoenix, AZ 85042

Contract Number : 17-29-01

OFFSITE ADJACENT WAYS

Item	Description Of Work	Total Quantity	Unit	Total Cost	Division Sum
DIVISION 01 - GENERAL REQUIREMENTS					
1	General Requirements	1	LS	\$6,902	
2	Total General Requirement & Survey				\$6,902
Division 02 - SITE CONSTRUCTION					
3	Earthwork & Paving				
4	Sidewalk Demolition - No Building	800	SF	\$919	
5	Sawcut & remove AC & curb at drive entrance	1	LS	\$4,200	
6	Asphalt Patch @ Drive Entrance	3	EA	\$3,657	
7	Total Earthwork & Paving				\$8,776
8	Site Utilities				
9	6" Sewer	230	LF	\$14,950	
10	Sew Tie into existing Main	3	LS	\$4,500	
11	2" Water	145	LF	\$5,000	
12	8" PC 350 DIP & fittings	147	LF	\$11,025	
13	6" PC 350 DIP	232	LF	\$17,315	
14	8" x 8" Tapping Sleeve & Valve	1	EA	\$6,500	
15	6" x 6" Tapping Sleeve & Valve	2	EA	\$11,000	
16	City of Phoenix Road Pavement Cut	1	LS	\$25,000	
17	Pavement Replacement	1	LS	\$16,800	
18	Concrete Replacement	1	LS	\$13,140	
19	Total Site Utilities				\$125,230
DIVISION 03 - CONCRETE					
20	Concrete				
21	City Of Phoenix Offsite Sidewalk	884	SF	\$3,536	
22	Off Site Curb & Gutter	339	LF	\$20,258	
23	Off Site Driveway per City of Phoenix	1,447	SF	\$5,788	
24	Off Site Vertical Curb & Roll Curb	124	LF	\$1,612	
28	Total Concrete				\$31,194
29	Subtotal				\$172,102

Adjacent Ways - Additional Offsite

11/16/2018

Nevitt Elementary School

4525 E Saint Anne Ave

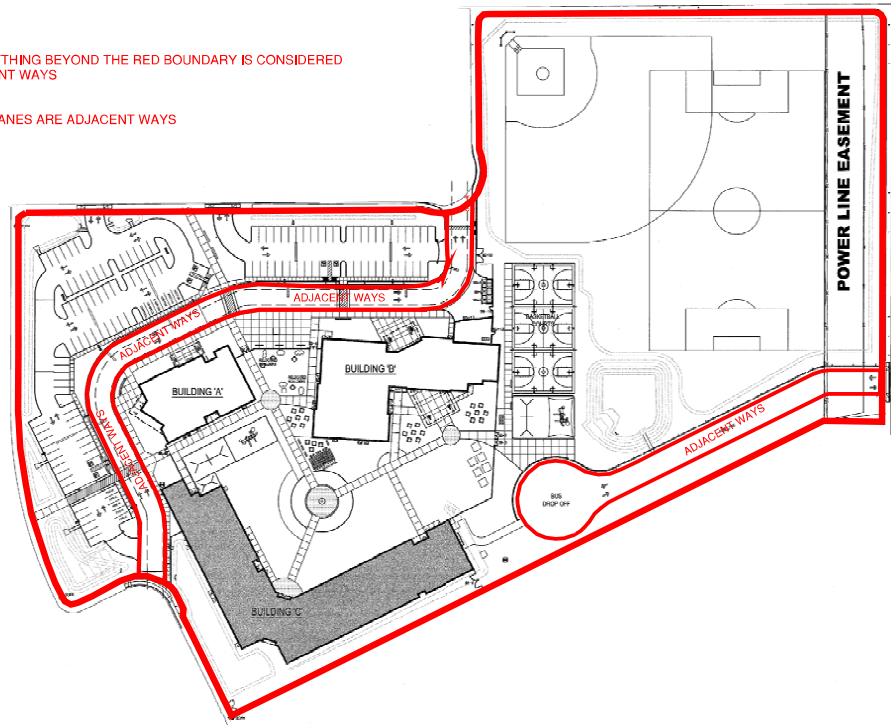
Phoenix, AZ 85042



Item	Description Of Work		Total Quantity	Unit	Total Cost	Division Sum
DIVISION 01 - GENERAL REQUIREMENTS						
1	Layout & Surveying		1	LS	\$645	\$645
DIVISION 02 - SITE CONSTRUCTION						
2	Demolition					\$2,776
3	Asphalt		301	SY	\$1,054	
4	Curb & Gutter		269	LF	\$872	
5	Valley Gutter		262	LF	\$524	
6	Concrete		144	SF	\$327	
7	Earthwork & Paving					\$1,547
8	Patch Existing Pavement		1	LS	\$1,325	
9	Fine Grade for Sidewalk		634	SF	\$222	
10	Traffic Control		1	LS	\$900	\$900
11	Dust Control / Street Sweep					\$525
12	Water Truck		3	Days	\$525	
DIVISION 03 - CONCRETE						
13	Concrete					\$9,271
14	Sidewalk		634	SF	\$5,121	
15	Curb & Gutter		146	LF	\$4,150	
16	Subtotal					\$15,664

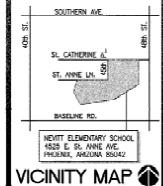
**EVERYTHING BEYOND THE RED BOUNDARY IS CONSIDERED
ADJACENT WAYS

**FIRE LANES ARE ADJACENT WAYS



1 OVERALL SITE PLAN

SCALE: 1" = 50'-0"



ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
4225 E. ST. ANNE AVE.
PHOENIX, AZ 85042

Sub No. 1000
Drawing No. 1000
Date 02.18.10
Revision No. 01

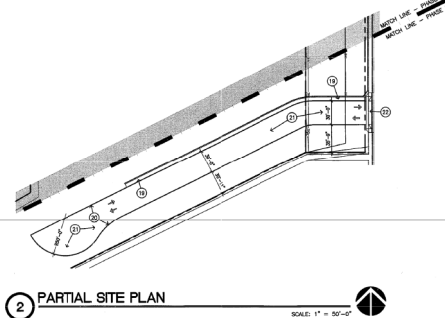
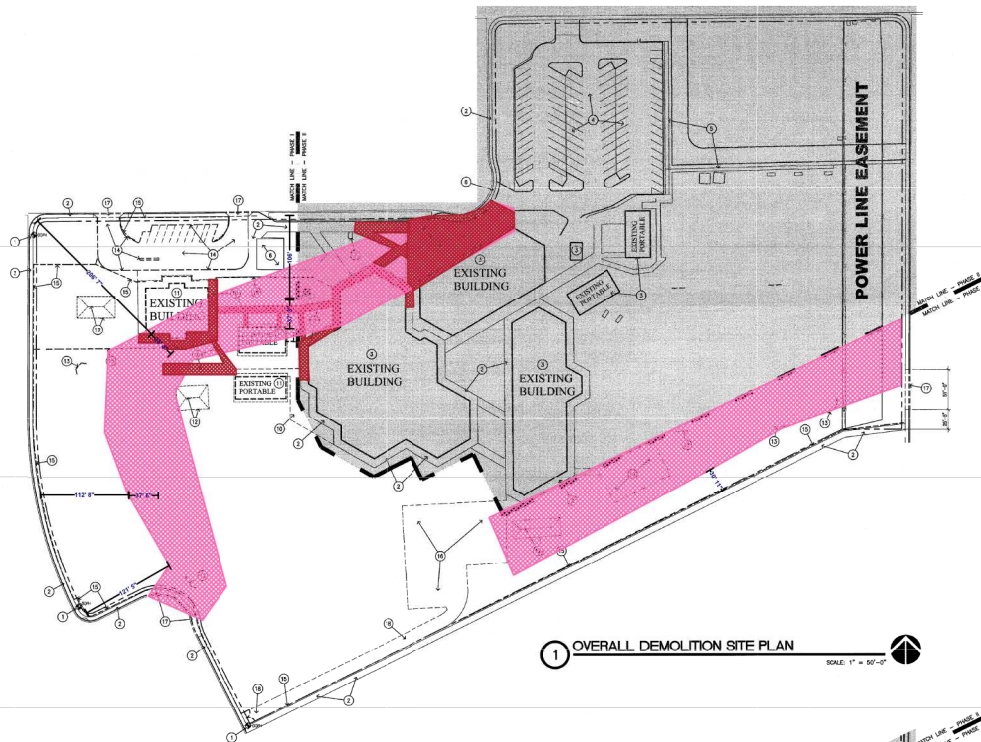
PERMIT
SET

HDA ARCHITECTS, LLC.
409 N. Gilbert Road, Suite 200, Gilbert, AZ 85234
TEL: (480) 439-5800 FAX: (480) 439-5805

HDA ARCHITECTS, LLC.
Overall Site Plan

Sheet No.
A100c

22 - Sidewalk Demolition - NO BUILDING - 18,341 SF
23 - Clear & Grub - 105,997 SF



ONSITE

NOTES

1. EXISTING SIDEWALK TO REMAIN.
2. EXISTING CONCRETE SIDEWALK TO REMAIN.
3. EXISTING SIDEWALK TO REMAIN.
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22. EXISTING SIDEWALK TO REMAIN.

HDA ARCHITECTS, LLC
409 N. Gilbert Road, Suite C-200, Gilbert, AZ 85234
TEL: (480) 559-8600 FAX: (480) 559-8608
OVERALL DEMOLITION
SITE PLAN

NEVITT ELEMENTARY SCHOOL
TEMPLE ELEMENTARY SCHOOL DISTRICT NO. 3
4225 E. ST. ANNE AVE.
PHOENIX, AZ 85042

PERMIT SET

VICINITY MAP

A101

-
- The site plan illustrates the proposed power line easement (highlighted in purple) around the University of Utah campus. The easement follows the perimeter of the campus, including areas around Building A, Building B, and Building C. The plan also shows parking lots, playgrounds, and other campus facilities. A legend indicates that the purple area represents the 'POWER LINE EASEMENT'.

① OVERALL SITE PLAN

SCALE: 1" = 57'-0"



SOUTHERN AVE.

40th ST.

48th ST.

ST. CATHERINE PL.

ST. ANNE LN.

45th

BASLINE RD.

NEVITT ELEMENTARY SCHOOL
4525 E. ST. ANNE AVE.
PHOENIX, ARIZONA 85042

VICINITY MAP

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



Expires 03/31/23

Job No.	1709
Drawn	AJO
Checked	DAM
Date	11-13-17
Revised	

PERMIT
SET

HDA ARCHITECTS, LLC.
459 N. Gilbert Road, Suite C-200, GILBERT, AZ 85234
TEL: (480) 539 8800 FAX: (480) 539 8608

ADDA

Sheet No.
A100

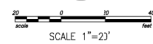
Add #2 - C107 (30% of Scale); Takeoff in Active Area: Site Work - Phase 2 - Adj Ways; Nevitt Elementary School; OST Sample Projects v2; 4/27/2018 09:58 AM

Add #2 - C105 (30% of Scale); Takeoff in Active Area: All Areas; Nevitt Elementary School; OST Sample Projects v2; 4/27/2018 10:00 AM

MATCH SHEET C108



Curb & Gutter per MAG 220-1A - 264 LF

[illegible]

ONSITE

602,263.1100

D. LAREDO	M. WOLF, P.E.
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PH: 480.892.3313

04/03/2013

FACT

35234
8608

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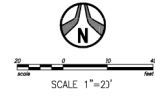
DAVID N. ... (40) ...



IF

C107

Curb & Gutter per MAG 220-1A - 892 LF

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AUCTIONS AND RENOVATIONS 10
NEVITT ELEMENTARY SCHOOL
TEMPE ELEMENTARY SCHOOL DISTRICT NO. 3
4525 E. ST. ANNE AVE.
PHOENIX, AZ. 85042



FOR
CONSTRUCTION

HDA ARCHITECTS, LLC:
459 N. Gilbert Road, Suite C-200, GILBERT, AZ 85234
TEL: (480) 539 8800 FAX: (480) 539 8801

GRADING PLAN



Call before you dig.
1.800.STAKE.IT

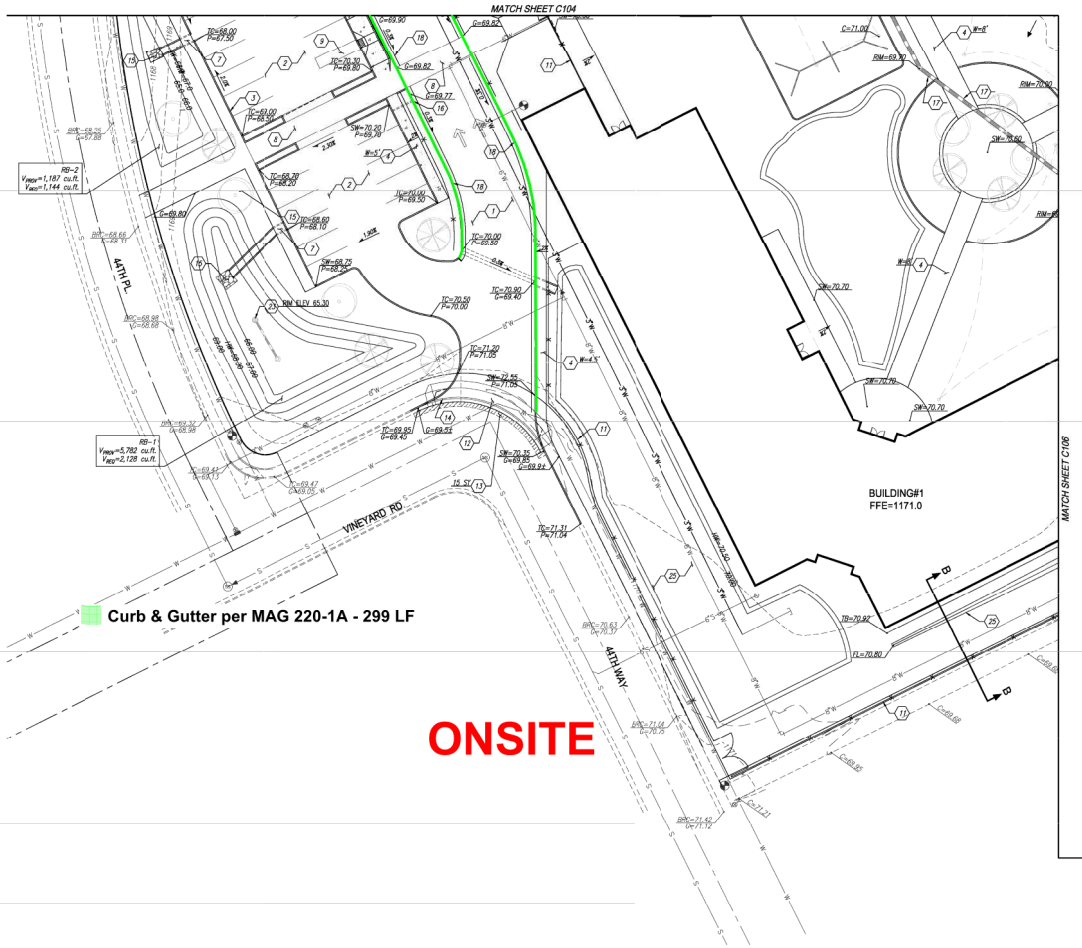
Project No. 17129	Date 12/14/2017	Sheet No. C104
Project Manager D. LAREDO, P.E.		Project Engineer M. WOLF, P.E.



**HUBBARD
ENGINEERING**
www.hubbardengineering.com
1201 S. Alma School Rd., Ste. 12000 • Mesa, AZ 85210
PH: 480.802.3313

PAPP#1705053 KIVA#17-3110

NEVITT ELEMENTARY SCHOOL
PHOENIX, AZ. 85042
GRADING PLAN



SCALE 1"=20'

GRADING NOTES:

- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ARC OVER 18" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2" 1/2" AC OVER 8" ARC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - (3) INSTALL SINGLE CURB PER MAG STD DETAIL 222 TYPE 'A'.
 - (4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230, WITH WALKS REFER TO PLAN.
 - (5) CONSTRUCT SIDEWALK RAMP PER DETAIL C.O.P. STD. DETAIL P-1240 (SINGLE) OR P-1241-4 (DOUBLE).
 - (6) CONSTRUCT 3" CURB OPENING PER DETAIL 1 ON SHEET C102.
 - (7) CONSTRUCT 3" CURB OPENING WITH CONCRETE SIDEWALK, COURSED PER MAG STD. DETAIL 216.
 - (8) PROPOSED SPEED TABLE WITH CROSSWALK, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (9) CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS.
 - (10) PROPOSED BRUSH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (11) SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - (12) INSTALL DRIVEWAY ENTRANCE TYPE 8 PER C.O.P. STD. DETAIL P-1235-3.
 - (13) EXISTING AND REMOVE AC PAVEMENT, PAVEMENT REPLACEMENT, THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 3.15 AND CITY OF PHOENIX DETAIL P-1235 TYPE 8 CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER MAG. STANDARD DETAIL 220 SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL SITE INSPECTION, TUNNELING UNDER EXISTING CURB AND GUTTER OF CITY OF PHOENIX SHALL BE ALLOWED, TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX WORK.
 - (14) REMOVE EXISTING CURB AND GUTTER.
 - (15) INSTALL RAMP-IN, 8" x 18" DEPTH-18" PER M.A.G. SPEC. SECTION 196.
 - (16) INSTALL (24" OPENING) SCUPERS PER MAG STD DETAIL 203.
 - (17) INSTALL HOPE STORM DRAIN PER SHEET C111.
 - (18) INSTALL CONCRETE CURB AND GUTTER PER M.A.G. STD. 220-1 TYPE 'A'.
 - (19) INSTALL ROLL CURB PER M.A.G. STD. 220-1 TYPE 'C'.
 - (20) INSTALL SPEED BUMP, REFER TO ARCHITECT'S PLAN.
 - (21) INSTALL ACCESSIBLE RAMP PER DETAIL 2 IN SHEET C102.
 - (22) INSTALL CATCH BASIN PER C.O.P. I.D. P-1570 (N).
 - (23) INSTALL MANHOLE, PLUS DOWNWELL PER DETAIL ON SHEET C102 AND PER MANHOLE/UPPER DOWNWELL, RAINY SEASON OR PLAN MUST BE 3.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 - (24) RAMP TIE-IN MUST BE LINE, SLOPED, NO LARGE SPREAD ROCKS OR BOLLARDS.
 - (25) DEPRESS AREA 4" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCOURING AND OTHER PERTINENT INFORMATION.

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
459 N. GILBERT ROAD, SUITE C-200, GILBERT, AZ 85024
TEL: (480) 335-8800 FAX: (480) 335-8805
PHOENIX, AZ 85042



John A. HDA
12/17/17

FOR CONSTRUCTION

HDA ARCHITECTS, LLC.
459 N. GILBERT ROAD, SUITE C-200, GILBERT, AZ 85024
TEL: (480) 335-8800 FAX: (480) 335-8805
PHOENIX, AZ 85042
GRADING PLAN



John A. HDA
12/17/17



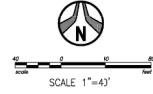
Project No. 17129 Date 12/14/2017 Sheet No. C105
Project Manager: S. LAREDO, P.E. Project Engineer: M. WOLFE, P.E.



Sheet No. C105

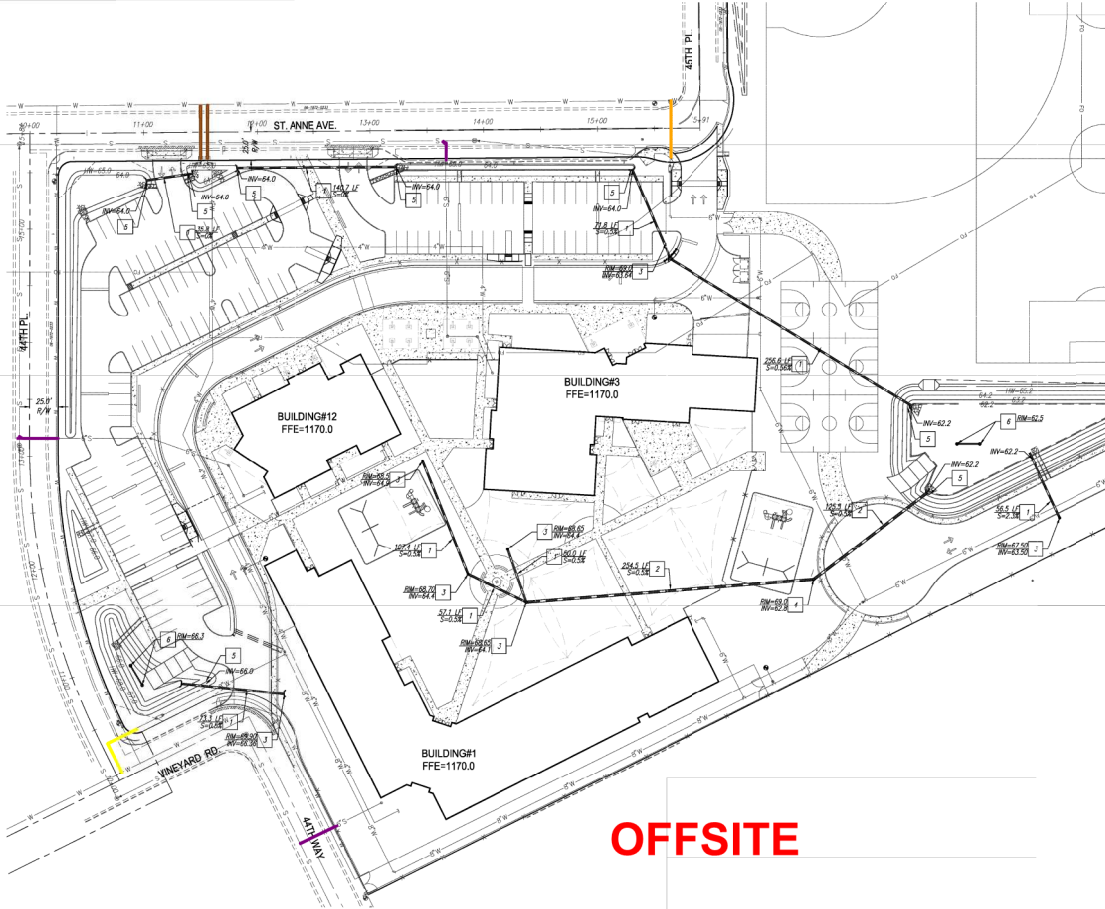
- 27 - 6" Sewer - 230 LF
- 28 - 8" PC 350 DIP - 147 LF
- 29 - 6" PC 350 DIP - 126 LF
- 30 - 2" Water - 145 LF

NEVITT ELEMENTARY SCHOOL PHOENIX, AZ. 85042 STORM DRAIN PLAN



STORM DRAIN NOTES:

1. INSTALL 18" HDPE STORM DRAIN PIPE, LENGTH AND SLOPE PER PLAN.
2. INSTALL 24" HDPE STORM DRAIN PIPE, LENGTH AND SLOPE PER PLAN.
3. INSTALL 12" HDPE POLYPROPYLENE STORM DRAIN PIPE AND 24" STANDARD DRAIN ASSEMBLY.
4. PROVIDE 40" CAP ACCESS MANHOLE PORT WITH 24" DRAIN COVER AS SHOWN ON PLAN.
5. CONSTRUCT HEADWALL PER IAS STD. DET. 501-1 TYPE "V".
6. INSTALL MANHOLE PLUS DUAL DRAIN OR EQUIVALENT PER DETAIL ON SHEET 17-18.



OFFSITE



Project No. 17129	Date 12/14/2017	Sheet No. C111
Project Manager S. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	
HUBBARD ENGINEERING www.hubbardengineering.com 1801 E. Anna Road, Suite 100, Phoenix, AZ 85016 TEL: (602) 955-1100 FAX: (602) 955-1101		

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
4595 E. ST. ANNE AVE.
PHOENIX, AZ. 85042



Job No. 1729
Project
Checked
Date 12/17/17
Issued

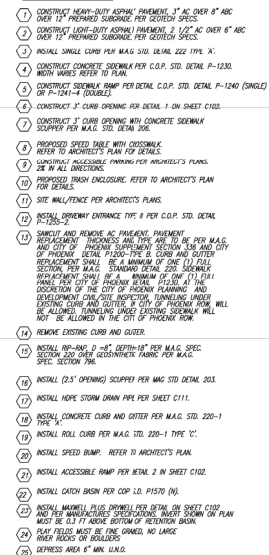
FOR CONSTRUCTION

HDA ARCHITECTS, LLC.
459 N. GILBERT ROAD, SUITE C-200, GILBERT, AZ 85234
TEL: (480) 335-8800 FAX: (480) 335-8805

HDA
HDA ARCHITECTS, LLC.

Sheet No.
C111

PAP#1705553 KVA#17-310



SEE ARCHITECTS PLANS FOR ADDITIONAL
DIMENSIONS, CONCRETE SCORING AND
OTHER PERTINENT INFORMATION.

Project No. 17129	Date 12/14/2017	Sheet No. C109
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	



**HUBBARD
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 1201 S. Anna Street, Ste. 1200, Mesa, AZ 85201
 PH: 480.882.3313

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	MSW
Date	11/18/17
Revised	

~~DRAFT~~

CHDA ARCHITECTS, LLC.
59 N. Gilbert Road, Suite C-200, GILBERT, AZ 85131
TEL: (480) 539 8800 FAX: (480) 539 8800

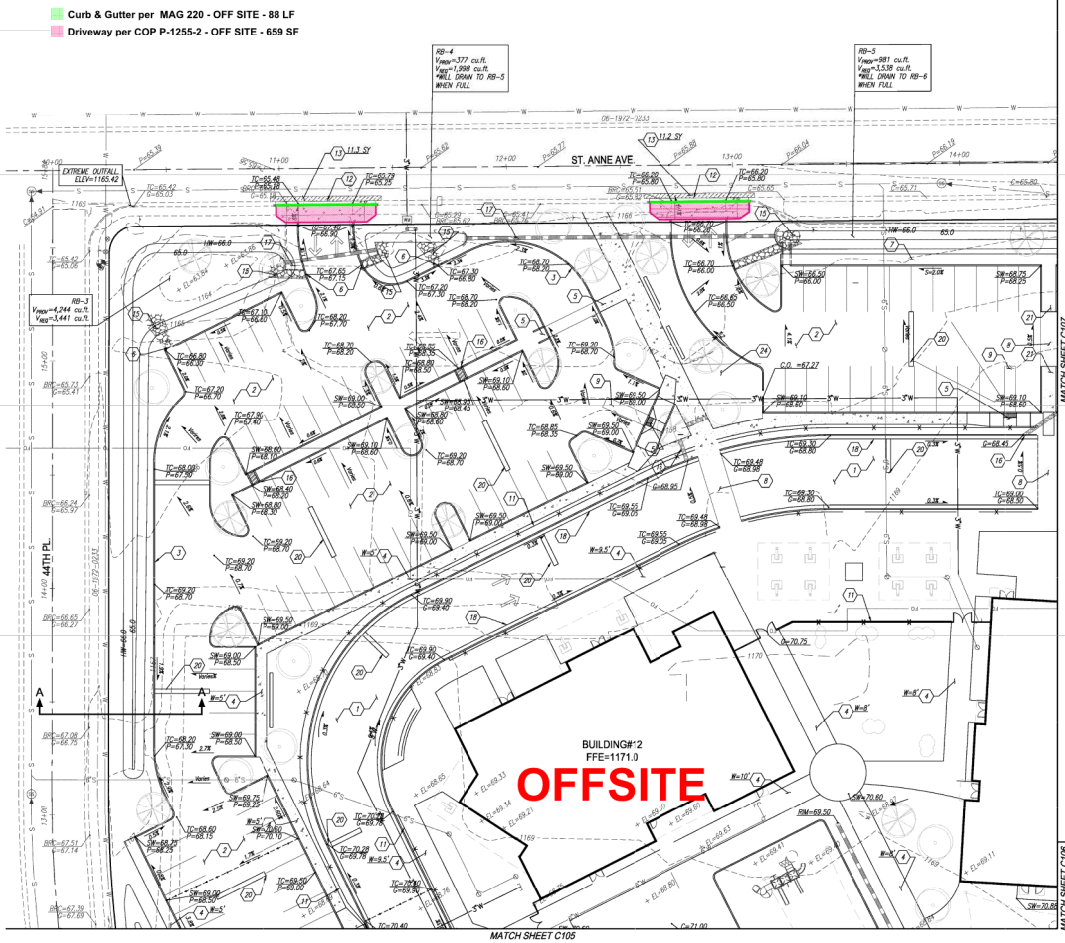
HIDA
HIDA ARCHITECTS, L.L.C.

Sheet No.
C109

11

NEVITT ELEMENTARY SCHOOL
PHOENIX, AZ. 85042
GRADING PLAN

■ Curb & Gutter per MAG 220 - OFF SITE - 88 LF
■ Driveway per COP P-1255-2 - OFF SITE - 659 SF



SCALE 1"=20'

GRADING NOTES:

- CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ARC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2" 100% AC OVER 8" ARC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - INSTALL SINGLE LANE PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230, WITH WALKS REFER TO PLAN.
 - CONSTRUCT SIDEWALK RAMP PER DETAIL C.O.P. STD. DETAIL P-1240 (SINGLE) OR P-1241-4 (DOUBLE).
 - CONSTRUCT 3" CURB OPENING WITH CONCRETE SIDEWALK, COUNTER PER M.A.G. STD. DETAIL 216.
 - PROPOSED SPEED TABLE WITH CURBABLE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS.
 - PROPOSED BRIDGE ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - INSTALL EXISTING ENTRANCE DET. 8 PER C.O.P. STD. DETAIL P-1230-2.
 - CATCHMENT AND REMOVE AS PRESENT, PAVEMENT REPLACEMENT, THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 135 AND CITY OF PHOENIX DETAIL P-1255-2. C-108 AND C-109.
 - REPLACE EXISTING SIDEWALK WITH NEW SIDEWALK, PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - REMOVE EXISTING CURB AND GUTTER.
 - INSTALL 18" x 18" x 8" DEPTH 18" PER M.A.G. SPEC. SECTION 135 AND CITY OF PHOENIX SUPPLEMENT SECTION 135 AND CITY OF PHOENIX DETAIL P-1255-2.
 - INSTALL 12" x 12" x 8" DEPTH 12" PER M.A.G. STD. DETAIL 233.
 - INSTALL CONCRETE CURB AND GUTTER PER M.A.G. STD. DETAIL 220-1 TYPE 'A'.
 - INSTALL SPEED BUMP PER M.A.G. STD. DETAIL 220-1 TYPE 'C'.
 - INSTALL ACCESSIBLE RAMP PER DETAIL 2 IN SHEET C102.
 - INSTALL CATCH BASIN PER COP 1.0, P-1570 (N).
 - INSTALL MANHOLE, PLUS DOWNHILL PER DETAIL ON SHEET C102 AND PER M.A.G. STD. DETAIL 220-1 TYPE 'A'.
 - REPLACE EXISTING SIDEWALK WITH NEW SIDEWALK, PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - DEPRESS AREA 4" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
459 N. GILBERT ROAD, SUITE C-200, GILBERT, AZ 85034
TEL: (480) 335-8800 FAX: (480) 335-8800
PHOENIX, AZ 85042



FOR CONSTRUCTION

HDA ARCHITECTS, LLC.
459 N. GILBERT ROAD, SUITE C-200, GILBERT, AZ 85034
TEL: (480) 335-8800 FAX: (480) 335-8800
PHOENIX, AZ 85042

HDA ARCHITECTS, LLC.
HDA ARCHITECTS, LLC.

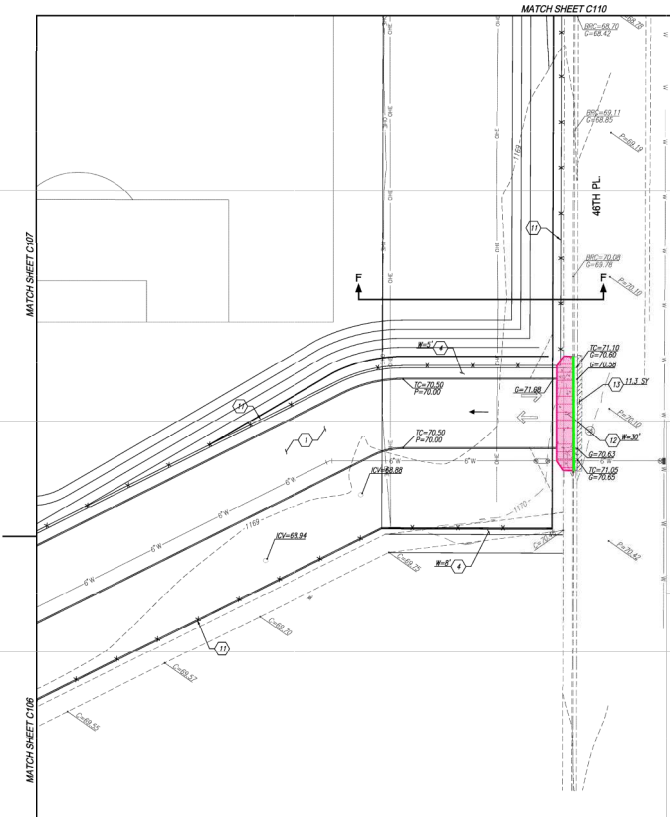
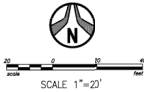


Project No. 17129 Date 12/14/2017 Sheet No. C104
Project Manager: J. LAREDO, P.E. Project Engineer: M. WOLF, P.E.



Curb & Gutter per MAG 220 - OFF SITE - 50 LF
Driveway per COP P-1255-2 - OFF SITE - 343 SF

NEVITT ELEMENTARY SCHOOL
PHOENIX, AZ. 85042
GRADING PLAN



- GRADING NOTES:**
- CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ARC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ARC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - INSTALL SINGLE CURB PER MAG STD. DETAIL 222 TYPE "A".
 - CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1250. WIDTH Varies REFER TO PLAN.
 - CONSTRUCT SIDEWALK RAMP PER DETAIL C.O.P. STD. DETAIL P-1240 (SINGLE) OR P-1240-4 (DOUBLE).
 - CONSTRUCT 3" CURB OPENING PER DETAIL 1 ON SHEET C103.
 - CONSTRUCT 3" CURB OPENING WITH CONCRETE SIDEWALK SCUPPER PER MAG. STD. DETAIL 206.
 - PROPOSED SPEED TABLE WITH CHANGING. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - CONSTRUCT ACCESSIBLE PAVING PER ARCHITECT'S PLANS.
 - BE IN ALL DIRECTIONS.
 - PROPOSED BRUSH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - INSTALL SIDEWALK ENTRANCE TYPE 8 PER C.O.P. STD. DETAIL P-1250-5.
 - REMOVE AND REPLACE AS PRESENT, PAVEMENT, RECONSTRUCT, THICKNESS AND TYPE ARE TO BE PER MAG. AND CITY OF PHOENIX SUPERVISION SECTION 3.05 AND CITY OF PHOENIX DETAIL P-1250-5 TYPE 8 CURB AND GUTTER. REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION PER MAG. STANDARD DETAIL 222 SIDEWALK WITH CURB (TYPE 8) BEHIND (OR ON) (1) DETAIL 222 CURB OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL SITE INSPECTION TUNNELING UNDER EXISTING CURB AND GUTTER. CITY OF PHOENIX FORM BE ALLOWED TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX FORM.
 - REMOVE EXISTING CURB AND GUTTER.
 - INSTALL 18" DIA. 12" DEPTH 12" PER MAG. SPEC. SECTION 3.05 AND CITY OF PHOENIX SUPERVISION SECTION 3.05 AND CITY OF PHOENIX DETAIL P-1250-5 TYPE 8 CURB AND GUTTER.
 - INSTALL (2.5" OPENING) SCUPPER PER MAG. STD. DETAIL 203.
 - INSTALL HOPE STORM DRAIN PER SHEET C111.
 - INSTALL CONCRETE CURB AND GUTTER PER MAG. STD. DETAIL 220-1 TYPE "A".
 - INSTALL ROLL CURB PER MAG. STD. DETAIL 220-1 TYPE "C".
 - INSTALL SPEED BUMP. REFER TO ARCHITECT'S PLAN.
 - INSTALL ACCESSIBLE RAMP PER DETAIL 2 IN SHEET C102.
 - INSTALL CATCH BASIN PER COP L.D. P-1570 (N).
 - INSTALL MAXIMUM 1/4" DIA. 12" DEPTH 12" PER MAG. SPEC. SECTION 3.05 AND CITY OF PHOENIX SUPERVISION SECTION 3.05 AND CITY OF PHOENIX DETAIL P-1250-5 TYPE 8 CURB AND GUTTER. MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 - PLAY FIELDS MUST BE ONE (1) MIN. WIDE, NO LARGE TREES, ROCKS OR BRUSHES.
 - DEPRESS AREA 6" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCOPING AND OTHER PERTINENT INFORMATION.

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
459 N. GILBERT ROAD, SUITE C-200, GILBERT, AZ 85034
TEL: (480) 539-8800 FAX: (480) 539-8808
WWW.HUBBARDENGINEERING.COM
PHOENIX, AZ 85042

DESIGN
CONSTRUCTION

HDA ARCHITECTS, LLC.
HDA ARCHITECTS, LLC.
HDA ARCHITECTS, LLC.

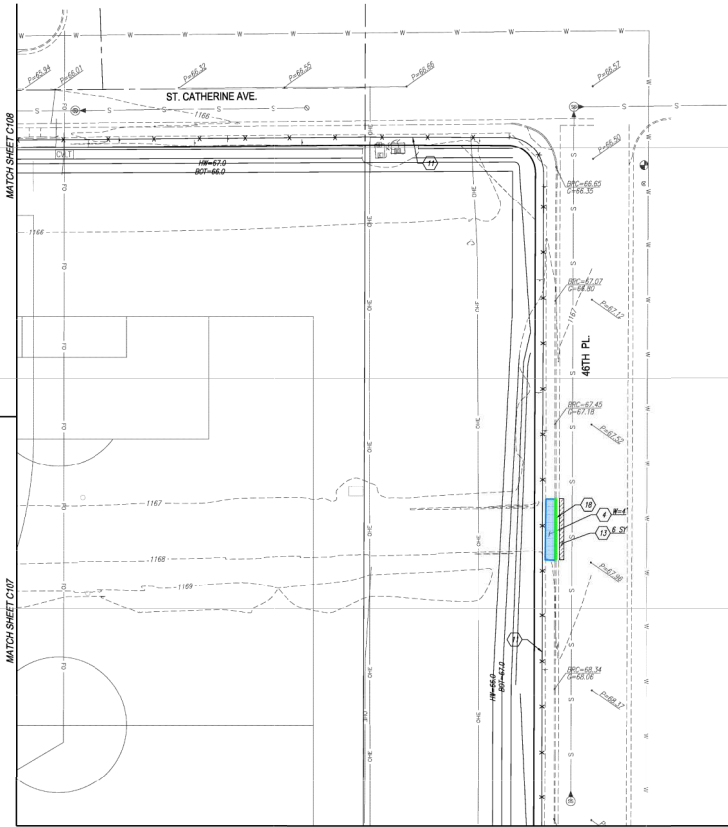
811
Call before you dig
1.800.375.4673
802.363.1100

Project No.	17129	Date	12/14/2017	Sheet No.	C109
Project Manager	D. LAREDO, P.E.	Project Engineer	M. WOLF, P.E.		
HUBBARD ENGINEERING www.hubbard-engineering.com 1001 S. ASHA AVENUE, SUITE 1000, CHANDLER, AZ 85224 (480) 988-3010					

Sheet No.
C109

- City Sidewalk COP P1230 - OFF SITE - 112 SF
Curb & Gutter per MAG 220 - OFF SITE - 27 LF

NEVITT ELEMENTARY SCHOOL
PHOENIX, AZ. 85042
GRADING PLAN



- GRADING NOTES:**
- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ARC OVER 18" PREPARED SUBGRADE, PER DETAIL SPEC.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 8" ARC OVER 12" PREPARED SUBGRADE, PER DETAIL SPEC.
 - (3) INSTALL SINGLE CURB PER MAG STD. DETAIL 222 TYPE "A".
 - (4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230 (W/OUT VIGGS REFER TO PLAN).
 - (5) CONSTRUCT SIDEWALK RAMP PER DETAIL C.O.P. STD. DETAIL P-1240 (SINGLE) OR P-1241-4 (DOUBLE).
 - (6) CONSTRUCT 3" CURB OPENING PER DETAIL 1 ON SHEET C103.
 - (7) CONSTRUCT 3" CURB OPENING WITH CONCRETE SIDEWALK SCUPPER PER MAG. STD. DETAIL 202.
 - (8) PROPOSED SPEED TABLE WITH CONCERNABLE. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (9) CONSTRUCT ACCESSIBLE PAVING PER ARCHITECT'S PLANS.
 - (10) PROPOSED BRUSH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (11) SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - (12) INSTALL SIDEWALK ENTRANCE TYPE 8 PER C.O.P. STD. DETAIL P-1230-2.
 - (13) EXISTING AND REMOVE AC PAVEMENT, PAVEMENT RECONSTRUCTION, THICKNESS AND TYPE TO BE PER MAG. AND CITY OF PHOENIX SUPPLEMENT SECTION 335 AND CITY OF PHOENIX DETAIL P1230-2 FOR 8" CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION PER MAG. STANDARD DETAIL 222 SIDEWALK WITH CONCERNABLE. REFER TO DETAIL P-1230-2 FOR RECONSTRUCTION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL SITE INSPECTION, TUNNELING UNDER EXISTING CURB AND GUTTER. CITY OF PHOENIX FORM BE ALLOWED TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX FORM.
 - (14) REMOVE EXISTING CURB AND GUTTER.
 - (15) INSTALL R/W-IMP. 0'-8" DEPTH-18" PER MAG. SPEC. SECTION 335 AND ARCHITECT'S PLAN FOR MAG. SPEC. SECTION 335.
 - (16) INSTALL (2.5" OPENING) SCUPPER PER MAG. STD. DETAIL 203.
 - (17) INSTALL HOPE STORM DRAIN PER SHEET C111.
 - (18) INSTALL CONCRETE CURB AND GUTTER PER MAG. STD. DETAIL 220-1 TYPE "A".
 - (19) INSTALL ROLL CURB PER MAG. STD. DETAIL 220-1 TYPE "C".
 - (20) INSTALL SPEED BUMP. REFER TO ARCHITECT'S PLAN.
 - (21) INSTALL ACCESSIBLE RAMP PER DETAIL 2 IN SHEET C102.
 - (22) INSTALL CATCH BASIN PER C.O.P. L.D. P1570 (N).
 - (23) INSTALL MANHOLE PLUS DRAINAGE PER DETAIL ON SHEET C107 AND PER MANHOLE PLUS DRAINAGE DETAIL ON SHEET C107.
 - (24) PLAY FIELDS MUST BE ONE (1) GROUND NO LARGE.
 - (25) DEPRESS AREA 6" MIN. U/L.G.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCOPING AND OTHER PERTINENT INFORMATION.

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
459 N. GILBERT RD. SUITE C-200, GILBERT, AZ 85034
TEL: (480) 537-8800 FAX: (480) 537-8808
WWW.HDA-ARCHITECTS.COM

HDA ARCHITECTS, LLC.
HDA ARCHITECTS, LLC.
HDA ARCHITECTS, LLC.

811
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1.800.374.6847
602.363.1100

Project No. 17129	Date 12/14/2017	Sheet No. C110
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	

**HUBBARD
ENGINEERING**
www.hubbard-engineering.com
100 S. ARIZONA AVENUE, SUITE 1000, CHANDLER, AZ 85226
TEL: 480.955.3010

Sheet No.
C110

PAFF#1705053 KVA#17-3110



- [illegible]

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
TEMPE ELEMENTARY SCHOOL DISTRICT NO. 3
5525 E. ST. ANNE AVE.
PHOENIX, AZ. 85042



Job No.	1709
Drawn	DL
Checked	MSW
Date	11/18/17
Revised	

FOR
CONSTRUCTION

HDA ARCHITECTS, LLC:
559 N. Gilbert Road, Suite C-200, GILBERT, AZ 85234
TEL: (480) 539 8800 FAX: (480) 539 8800



Call before you dig.
1.800.3TAKE.IT

Project No. 17129	Date 12/14/2017	Sheet No. C105
Project Manager [Signature]		Project Engineer [Signature]

D. LAREDO, P.E.	M. WOLF, P.E.
-----------------	---------------



HDA
HDA ARCHITECTS, LLC.

Sheet No.
C105

1

Add #2 - C105 (30% of Scale); Takeoff in Active Area: All Areas; Nevitt Elementary School; OST Sample Projects v2; 4/27/2018 10:13 AM

MATCH SHEET C108



SCALE 1"=20'

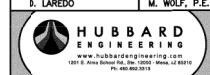
GRADING NOTES:

- [illegible]



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602.263.1100

Project No. 17129	Date -	Sheet No. C107
Project Manager L. J. JONES	Project Engineer L. J. JONES	



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



Job No.	1700
Drawn	DL
Checked	MSW
Date	10/09/17
Revised	

REAMINAR

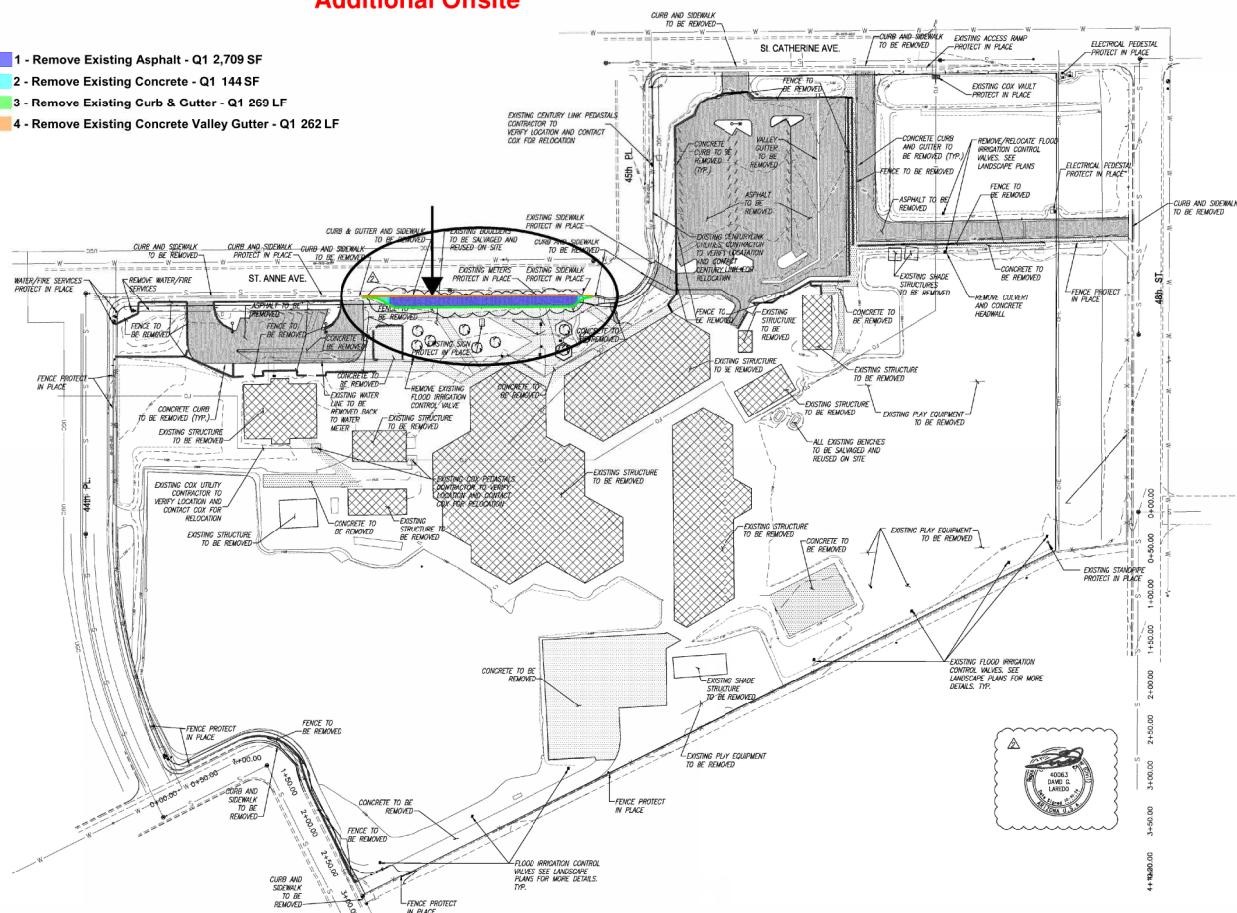
HDA ARCHITECTS, LLC:
559 N. Gilbert Road, Suite C-200, GILBERT, AZ 85234
TEL: (480) 539 8800 FAX: (480) 539 8800



HDA
HDA ARCHITECTS, LLC.

Sheet No.
C107

- 1 - Remove Existing Asphalt - Q1 2,709 SF
- 2 - Remove Existing Concrete - Q1 144 SF
- 3 - Remove Existing Curb & Gutter - Q1 269 LF
- 4 - Remove Existing Concrete Valley Gutter - Q1 262 LF



QUANTITIES

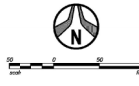
	DEMO BURLING/STRUCTURE = ±74,360 SF
	DEMO CONCRETE = ± 5,332 SY
	DEMO ASPHALT = ± 4,252 SY

LEGEND

	EXISTING GAS
	EXISTING SEWER LINE
	EXISTING WATER LINE
	EXISTING UNDERGROUND ELE
	EXISTING UNDERGROUND CO
	EXISTING OVERHEAD ELEC.
	EXISTING STORM DRAIN
	EXISTING BACKFLOW PREVE
	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 PAID FOR 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. CONTRIBUTION TO SALVAGE USABLE PLAY EQUIPMENT FOR ONE 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 CANOPY STRUCTURES, BENCHES, ROLLADORS, ELECTRICAL FEEDER LINES AND MANY COMPONENTS; WHEN POSSIBLE RELOCATE STRUCTURES AND/OR EQUIPMENT ON-SITE.



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802.263.1100

Project No. 17129	Date 03/15/2018	Sheet No. C103
Project Manager D. IAREDO, P.E.		Project Engineer M. WOLF, P.E.



ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
TEMPE ELEMENTARY SCHOOL DISTRICT
4525 E. ST. ANNE AVE.
PHOENIX, AZ. 85042



FOR
CONSTRUCTION

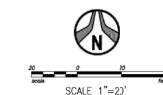
HDA ARCHITECTS, LLC:
459 N. Gilbert Road, Suite C-200, GILBERT, AZ 85234
TEL: (480) 539 8800 FAX: (480) 539 8100
Demo
Grading & Drainage Plan w/offsets improvement

HDA
HDA ARCHITECTS, LLC.

Sheet No.
C103

PAPP#1705053 KIVA#17-3110

5 - Concrete Sidewalk - Q1 634 SF

[illegible]

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



**HUBBARD
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1201 S. Anna Richard Rd., Ste. 1000 • Mesa, AZ 85206
Ph: 480.962.3013

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

FOR
CONSTRUCTION


HDA ARCHITECTS, LLC.
 459 N. Gilbert Road, Suite C-200, GILBERT, AZ 85
 TEL: (480) 539 8800 FAX: (480) 539 8800
 Grading Plan
 Grading & Drainage Plan w/soils improvements

PAPP#1705053 KIVA#17-3110