

Tempe Elementary School District

Nevitt School Rebuild

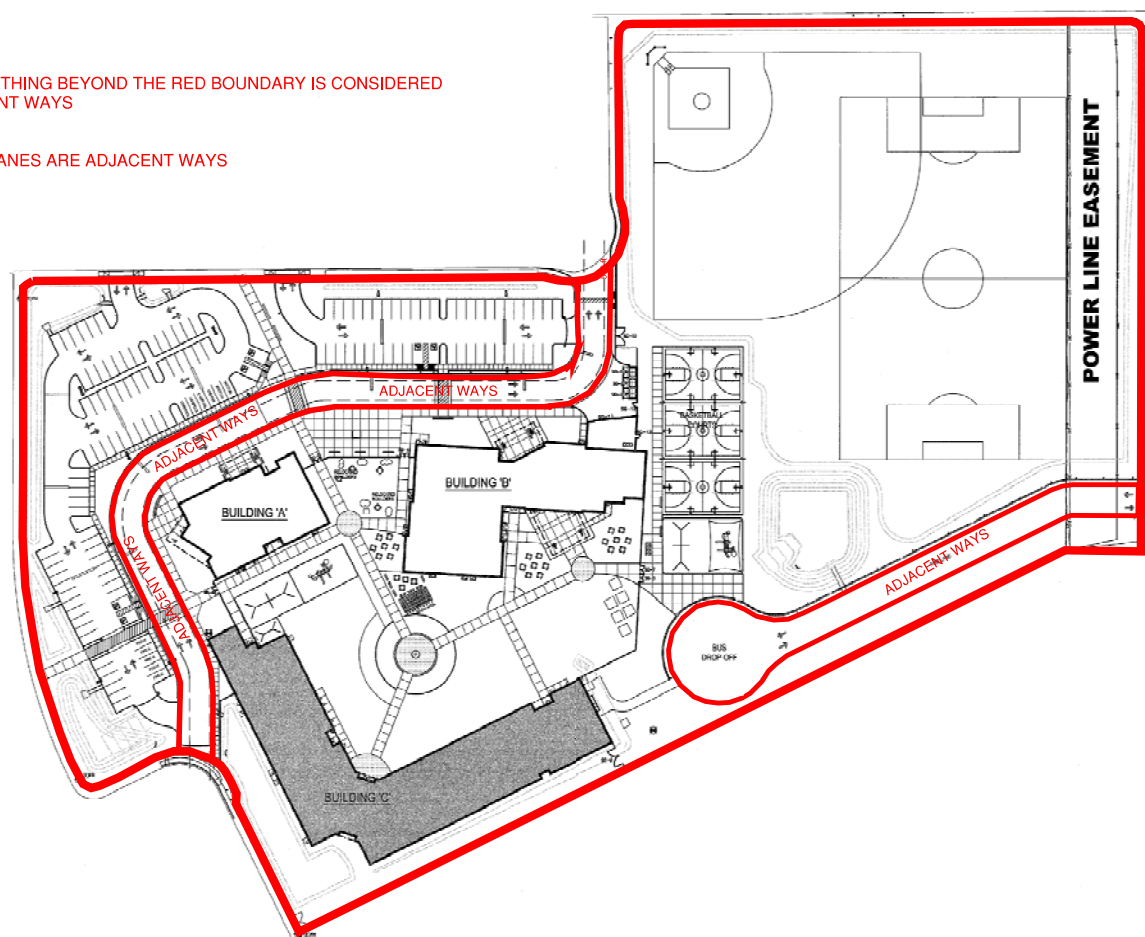
Adjacent Ways - Overlays

Adjacent Ways Estimate

Contract Number: 17-29-01

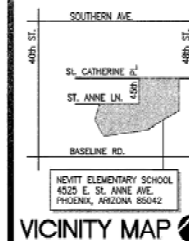
Revised April 27, 2018

****FIRE LANES ARE ADJACENT WAYS**



1 OVERALL SITE PLAN

SCALE: 1" = 50'-0"



Sheet No. _____

A100c



HDA ARCHITECTS
459 N. Gilbert Road, Suite C
TEL: (408) 539-8800

HDA ARCHITECTS, LLC.
159 N. Gilbert Road, Suite C-200, GILBERT, AZ 85234
TEL: (480) 539 8800 FAX: (480) 539 8605

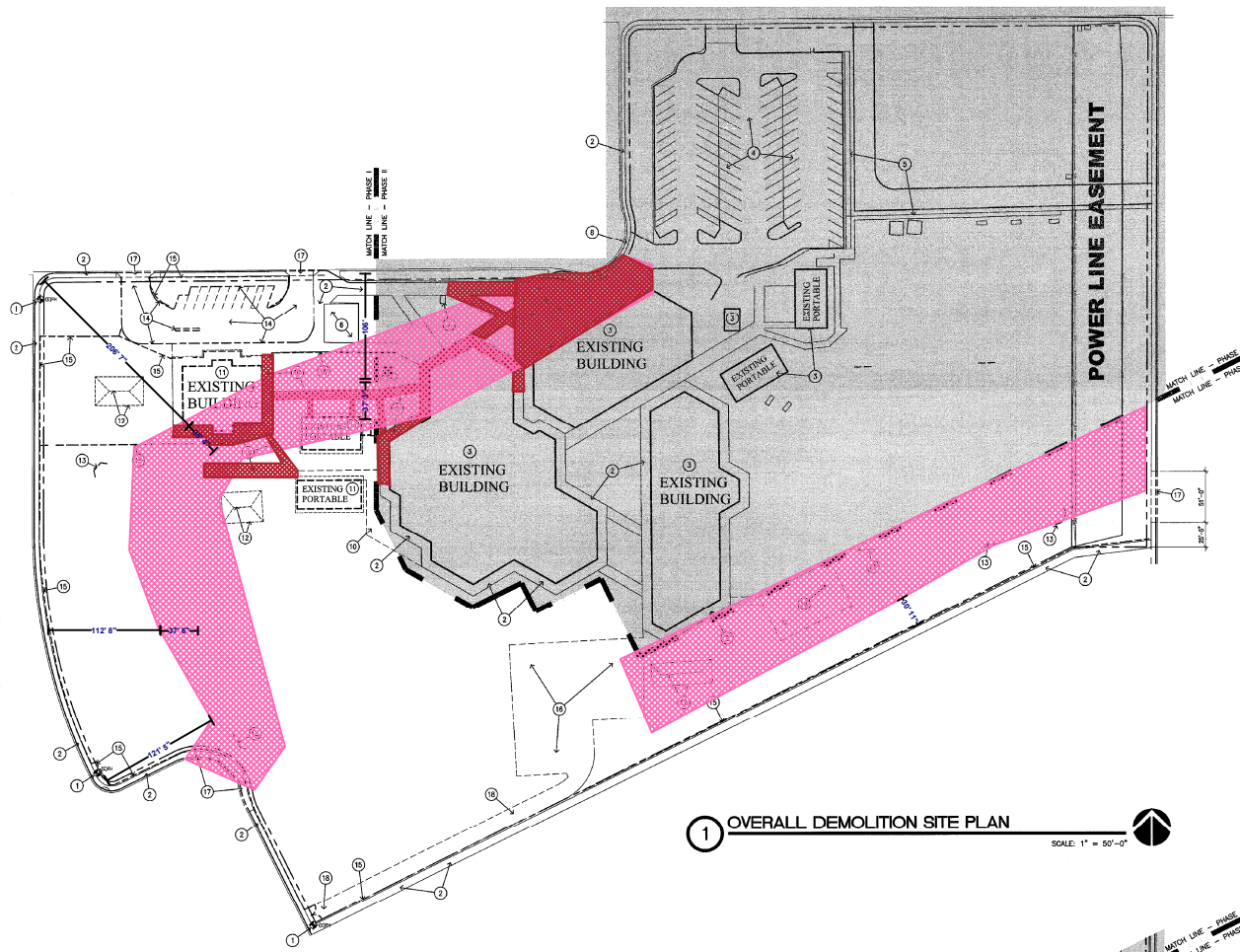
CTS, LLC.
O. GILBERT, AZ 85234
FAX: (480) 539 8608

PERMIT
SET

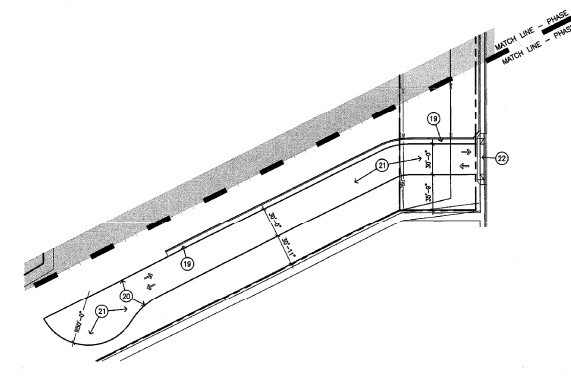
Job No. 1702
Drawn A.C.
Checked (P)
Date 02-18-18
Revised
APPENDIX NO. 01
01-18-18

ADDITIONS AND RENOVATIONS TO
NEVITT ELEMENTARY SCHOOL
TEMPE ELEMENTARY SCHOOL DISTRICT NO. 8
4525 E. ST. ANNE AVE.
PHOENIX, AZ. 85042

1525 E. ST. ANNE A.



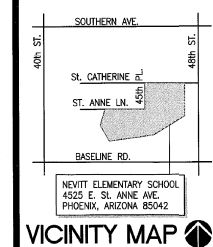
1 OVERALL DEMOLITION SITE PLAN
 SCALE: 1" = 50'-0"



2 PARTIAL SITE PLAN
 SCALE: 1" = 50'-0"

ONSITE

- NOTES**
1. EXISTING FIRE HYDRANT TO REMAIN.
 2. EXISTING CONCRETE SIDEWALK TO REMAIN.
 3. EXISTING BUILDING TO REMAIN.
 4. EXISTING ASPHALT PARKING LOT AND CONCRETE CURBING TO REMAIN.
 5. EXISTING CHAINLINK FENCE TO REMAIN.
 6. EXISTING BICYCLE RACKS AND CHAINLINK ENCLOSURE TO REMAIN.
 7. EXISTING MARGUERITE SIGN TO REMAIN.
 8. EXISTING CONCRETE ENTRANCE TO REMAIN.
 9. REMOVE EXISTING CONCRETE SIDEWALK.
 10. REMOVE EXISTING BUILDING IN ITS ENTIRETY.
 11. REMOVE EXISTING DRIVE STRUCTURE.
 12. REMOVE EXISTING CHAINLINK BACKSTOP/SOCCER GOAL.
 13. REMOVE EXISTING ASPHALT PARKING LOT AND CONCRETE CURBING.
 14. REMOVE EXISTING CHAINLINK FENCE TO REMAIN.
 15. REMOVE EXISTING CONCRETE PLAYCOURTS AND BENCHES.
 16. REMOVE EXISTING CONCRETE ACCESS DRIVE.
 17. REMOVE EXISTING CONCRETE SIDEWALK OVER PREPARED SUBGRADE.
 18. 4" CONCRETE CURB, SEE DETAIL S/A102.
 19. SEE TYPICAL DETAILS 1 THRU 4 (A102).
 20. CONCRETE CURB, SEE DETAIL S/A102.
 21. ASPHALT PAVING.
 22. CONCRETE DRIVEWAY ENTRANCE.



HDA ARCHITECTS, LLC.
 459 N. Gilbert Road, Suite C-300, GILBERT, AZ 85294
 TEL: (480) 539 8600 FAX: (480) 539 8608

NEVITT ELEMENTARY SCHOOL
 TEMPE ELEMENTARY SCHOOL DISTRICT NO. 3
 4535 E. ST. ANNE AVE.
 PHOENIX, AZ 85042

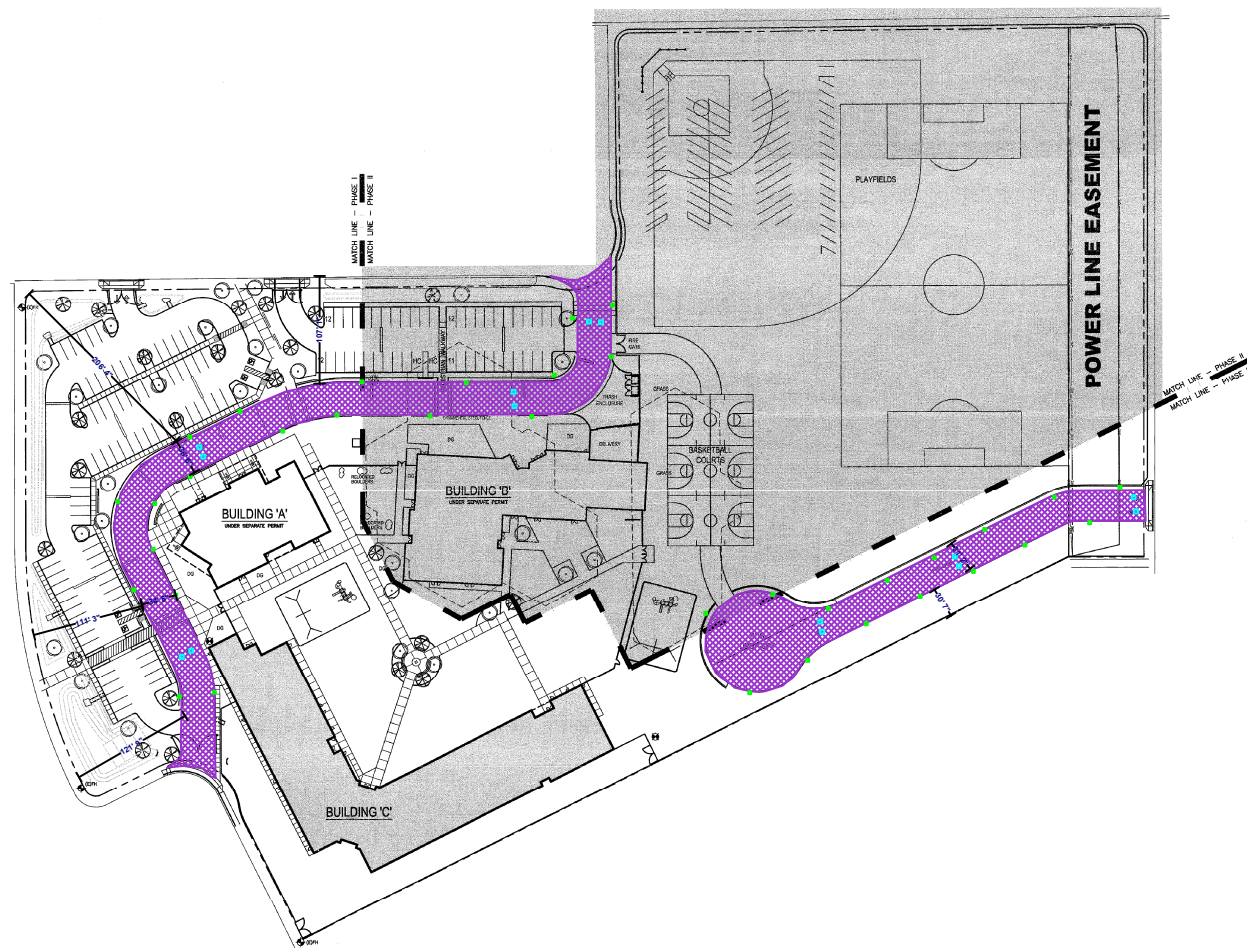
PERMIT SET

OVERALL DEMOLITION SITE PLAN

HDA ARCHITECTS, LLC.
 Sheet No. **A101**

- 24 - Pave 3" AC on 8" ABC - 48,421 SF
- 25 - Arrow paint - 14 EA
- 26 - Fire Lane Signs - 35 EA

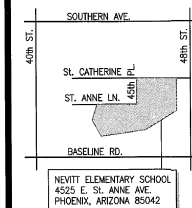
NOTES



ONSITE

1 OVERALL SITE PLAN

SCALE: 1" = 80'-0"



VICINITY MAP

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	AD
Checked	DM
Date	11-13-17
Revised	

PERMIT
SET

HDA ARCHITECTS, LLC.
189 N. Gilbert Road, Suite C-300, Gilbert, AZ 85294
TEL: (480) 539 8800 FAX: (480) 539 8608
OVERALL SITE PLAN

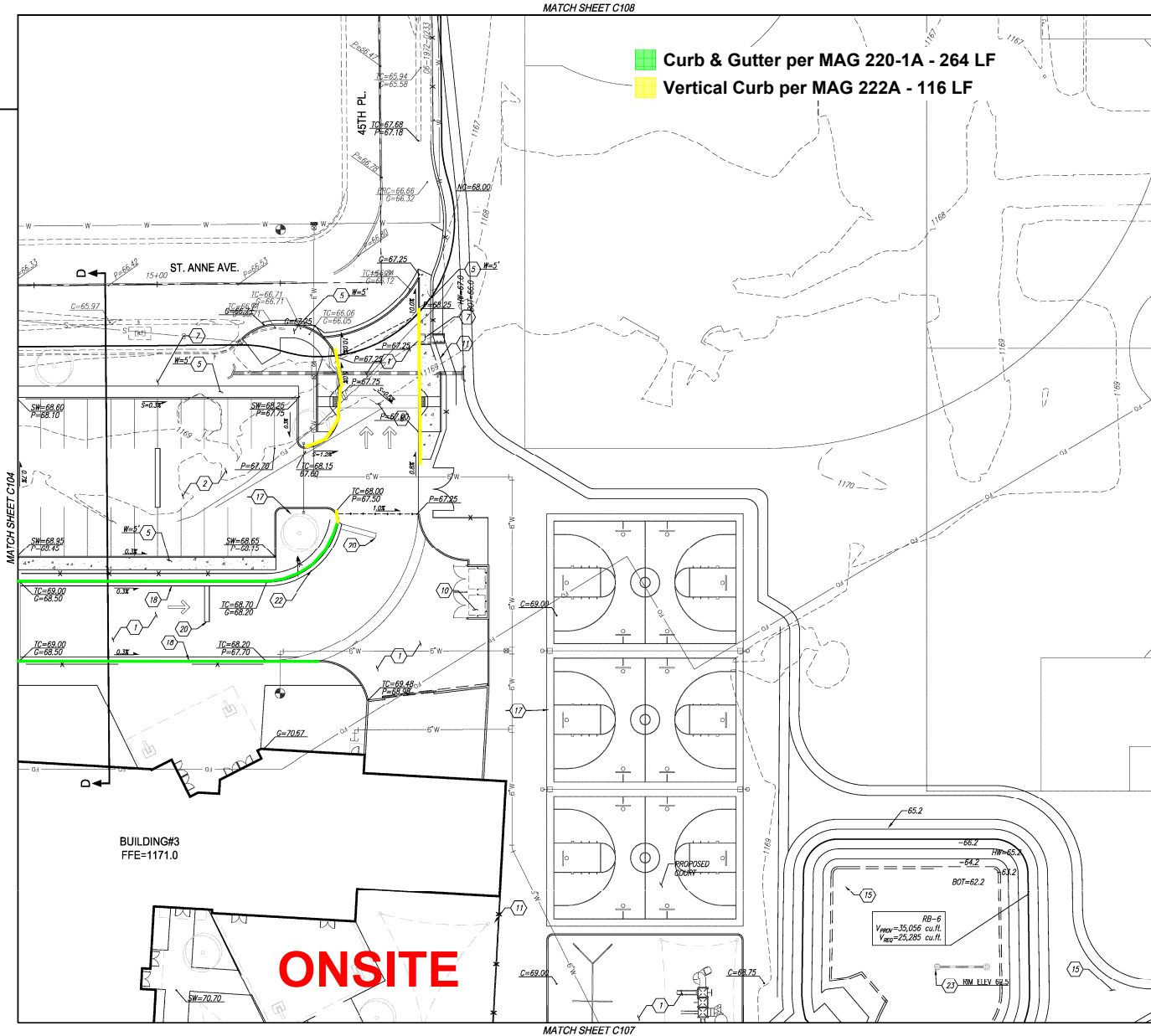
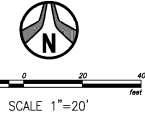
HDA
HDA ARCHITECTS, LLC.

Sheet No.
A100

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



GRADING NOTES:

- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
 - (3) INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - (4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 206.
 - (8) PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (9) CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2X IN ALL DIRECTIONS.
 - (10) PROPOSED TRASH 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-1255-2.
 - (13) SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL SITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 - (14) REMOVE EXISTING CURB AND GUTTER.
 - (15) INSTALL RRP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 - (16) INSTALL (2.5' OPENING) SCUPPER PER MAG STD DETAIL 203.
 - (17) INSTALL HOPE STORM DRAIN PIPE 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 COP S.D. P1570 (N).
 - (23) INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET C107 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 - (24) PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR BOULDERS.
 - (25) DEPRESS AREA 6" MIN. UNDO.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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



Job No. 17008
Drawn DL
Checked MSN
Date 10/09/17
Revised

DREAMAR
SET

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

HDA
HDA ARCHITECTS, LLC.



Project No. 17129	Date —	Sheet No. C107
Project Manager D. LAREDO	Project Engineer M. WOLF, P.E.	
HUBBARD ENGINEERING www.hubbardengineering.com 1201 S. Alma School Rd., Ste. 1000 • Mesa, AZ 85209 PH: 480.682.3313		

Sheet No.
C107

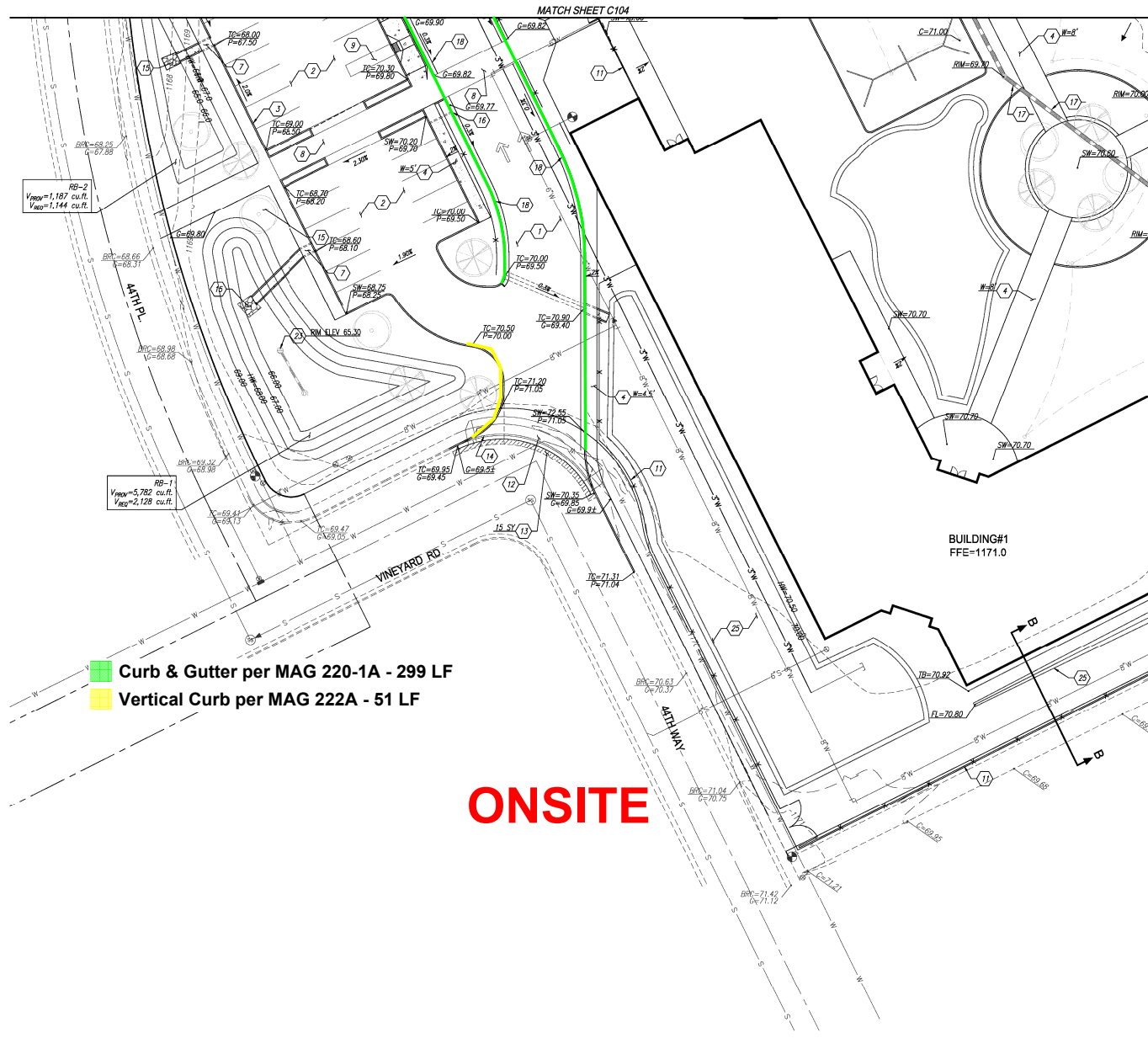
NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



SCALE 1"=20'



- Curb & Gutter per MAG 220-1A - 299 LF
- Vertical Curb per MAG 222A - 51 LF

ONSITE

GRADING NOTES:

1. CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
 2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
 3. INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 4. CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES REFER TO PLAN.
 5. CONSTRUCT SIDEWALK RAMP PER DETAIL C.O.P. STD. DETAIL P-1240 (SINGLE) OR P-1241-1 (DOUBLE).
 6. CONSTRUCT 3" CURB OPENING PER DETAIL 1 ON SHEET C102.
 7. CONSTRUCT 3" CURB OPENING WITH CONCRETE SIDEWALK SCUPPER PER M.A.G. STD. DETAIL 203.
 8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 10. PROPOSED TRASH 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-1235-2.
 13. SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/CITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 14. REMOVE EXISTING CURB AND GUTTER.
 15. INSTALL RRP-RAP, D=6", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 16. INSTALL (2.5" OPENING) SCUPPER PER MAG STD DETAIL 203.
 17. INSTALL HOPE STORM DRAIN PIPE 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. S.D. P1570 (N).
 23. INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 25. DEPRESS AREA 6" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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



Job No. 17008
Drawn DL
Checked MSL
Date 11/18/17
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

HDA ARCHITECTS, LLC
KIVA#17-3110



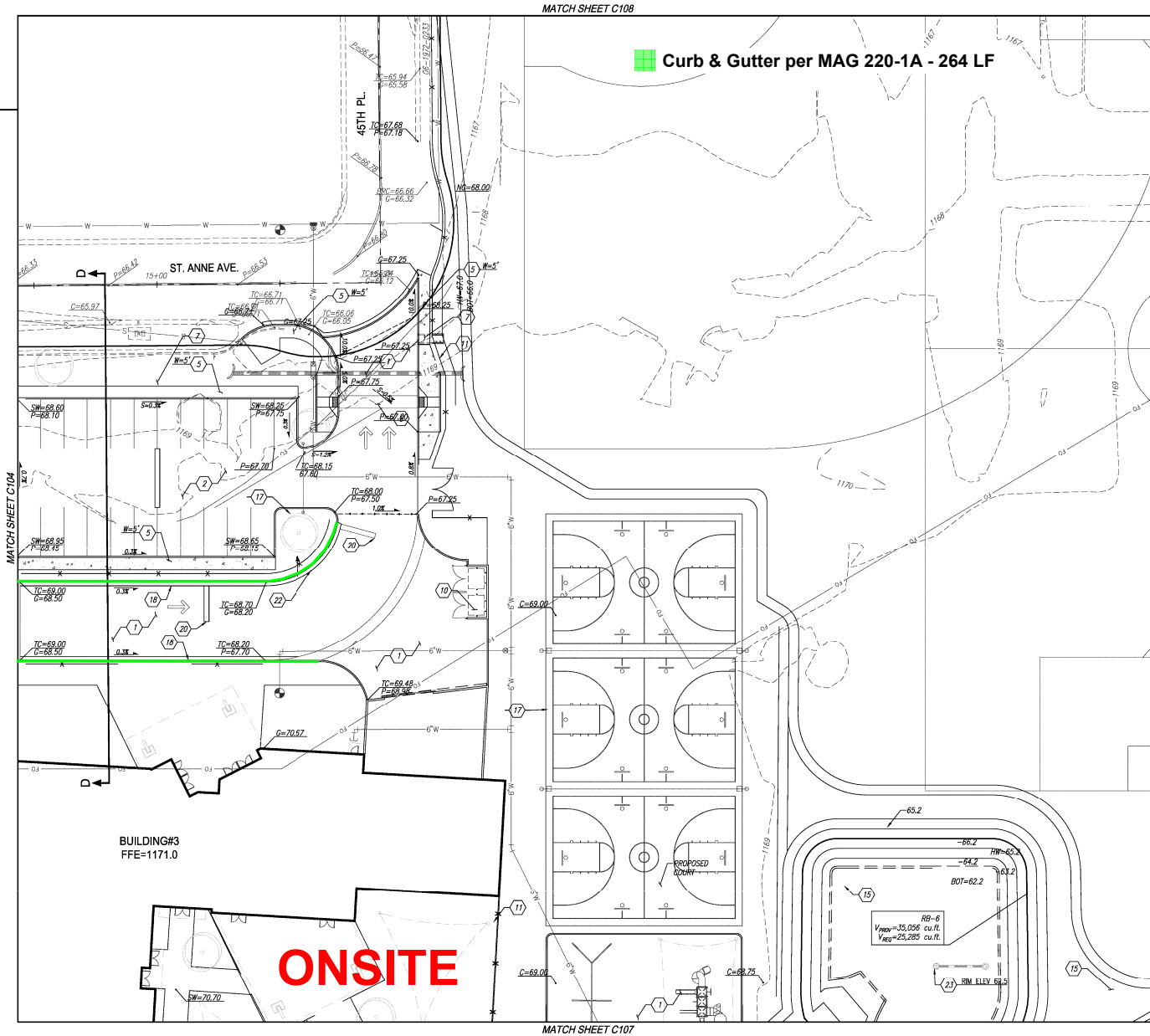
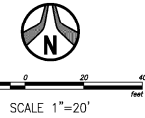
Project No. 17129	Date 12/14/2017	Sheet No. C105
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	
 HUBBARD ENGINEERING www.hubbardengineering.com 1201 S. Anna Street Rd., Box 10050 - Mesa, AZ 85209 PH: 480.892.3313		

Sheet No.
C105

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



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

GRADING NOTES:

- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 - (3) INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - (4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 206.
 - (8) PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (9) CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 - (10) PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (11) SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - (12) INSTALL DRIVEWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL P-1255-2.
 - (13) SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL SITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
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 - (16) INSTALL (2.5" OPENING) SCUPPER PER MAG STD DETAIL 203.
 - (17) INSTALL HDPE STORM DRAIN PIPE PER SHEET C111.
 - (18) INSTALL CONCRETE CURB AND GUTTER PER M.A.G. STD. 220-1 TYPE 'C'.
 - (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. S.D. P1570 (N).
 - (23) INSTALL MAXWELL PLUS DRAINELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 - (24) PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 - (25) DEPRESS AREA 6" MIN. U/L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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



Job No. 17098
Drawn DL
Checked MWM
Date 10/09/17
Revised

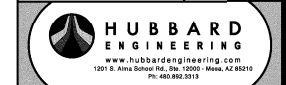
DREAMAR
SET

HDA ARCHITECTS, LLC.
459 N. Gilbert Road, Suite C-200, GILBERT, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608
GRADING PLAN

HDA
HDA ARCHITECTS, LLC.



Project No. 17129	Date —	Sheet No. C107
Project Manager D. LAREDO	Project Engineer M. WOLF, P.E.	

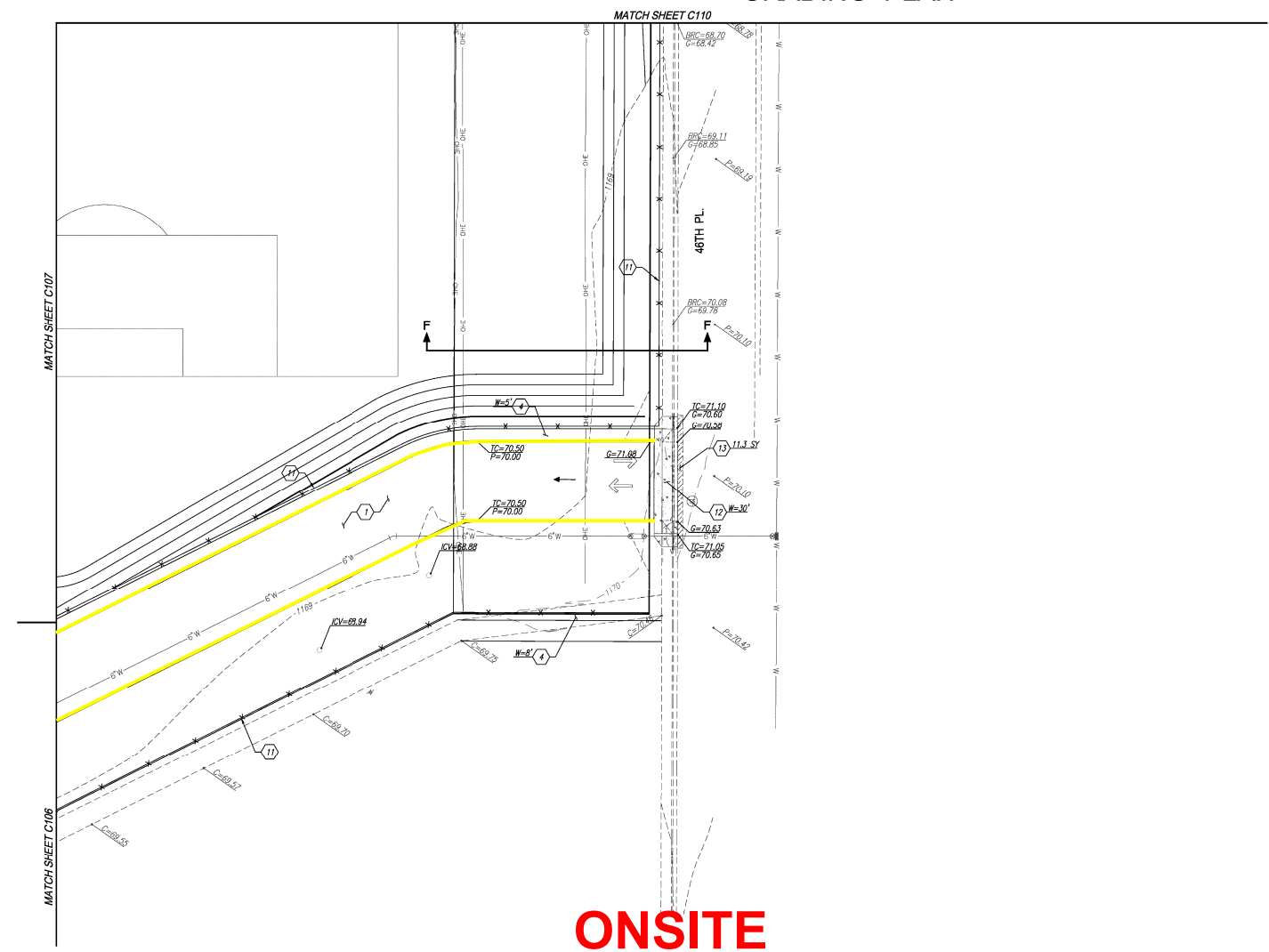
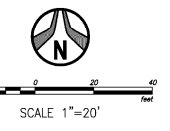


Sheet No.
C107

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



GRADING NOTES:

1. CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
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 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 SCUPPER PER M.A.G. STD. DETAIL 206.
 8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 10. PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 11. SITE WALL/FENCE PER ARCHITECT'S PLANS.
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 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. S.D. P1570 (N).
 23. INSTALL MAXWELL PLUS DOWELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 25. DEPRESS AREA 6" MIN. UNCLD.
- SEE ARCHITECTS PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

DRAFT
CONSTRUCTION

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	DL
Checked	MSH
Date	11/18/17
Revised	

HDA ARCHITECTS, LLC.
459 N. Gilbert Road, Suite C-200, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608

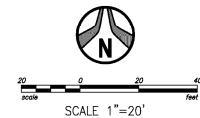


Project No.	17129	Date	12/14/2017	Sheet No.	C109
Project Manager	D. LAREDO, P.E.	Project Engineer	M. WOLF, P.E.		



HDA ARCHITECTS, LLC.
KIVA #17-3110
PAPP#1705053
Sheet No. C109

NEVITT ELEMENTARY SCHOOL
PHOENIX, AZ. 85042
GRADING PLAN



GRADING NOTES:

- 1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
- 2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
- 3) INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
- 4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL 201A PER M.A.G. 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 SLOPPER PER M.A.G. STD. DETAIL 206.
- 8) PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
- 9) CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. PER ALL DIRECTIONS.
- 10) PROPOSED TRAP INCLUSIVE. REFER TO ARCHITECT'S PLAN FOR DETAILS.
- 11) SITE WALL/FENCE PER ARCHITECT'S PLANS.
- 12) INSTALL DRAINWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL 125S-2.
- 13) SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPAIR/REPLACEMENT THICKNESS SHALL BE MINIMUM 4" PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 336 AND CITY OF PHOENIX DETAIL P1200E TYPE 1. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION PER M.A.G. STANDARD DETAIL 222. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230A. AT THE DISCRETION OF CITY OF PHOENIX PLANNING AND DEVELOPMENT/CITY SITE INSPECTOR, TUNNELING UNDER EXISTING CURBS AND GUTTERS IN CITY OF PHOENIX SHALL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK SHALL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
- 14) REMOVE EXISTING CURB AND GUTTER.
- 15) INSTALL RIP-RAP D = 8" DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 706.
- 16) INSTALL (2.5' OPENING) SLOPPER PER M.A.G. STD. DETAIL 203.
- 17) INSTALL HOPE STORM DRAIN PER PER SHEET C111.
- 18) INSTALL CONCRETE CURB AND GUTTER PER M.A.G. STD. 220-1.
- 19) INSTALL ROLL CURB PER M.A.G. STD. 220-1 TYPE '1'.
- 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. S150 (N).
- 23) INSTALL MAXWELL P15 DOWELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. REFER SHOWN ON PLAN AT 12" TO 12" ABOVE TOP OF RETENTION WALL.
- 24) PLAY FIELDS MUST BE FIRM GRADED, NO LARGE RIVER ROCKS OR Boulders.
- 25) DEPRESS AREA 6" MIN. UNL.O.

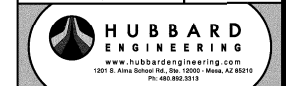
SEE ARCHITECTS PLANS FOR ADDITIONAL
DIMENSIONS, CONCRETE SCORING AND
OTHER PERTINENT INFORMATION.

ONSITE



Call before you dig.
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602.263.1100

Project No. 17129	Date 12/14/2017	Sheet No. C106
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	MSW
Date	11/18/17
Revised	

DRAFT
FOR
CONSTRUCTION

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

GRADING PLAN



HIDA
HIDA ARCHITECTS, LLC.

Sheet No.
C106

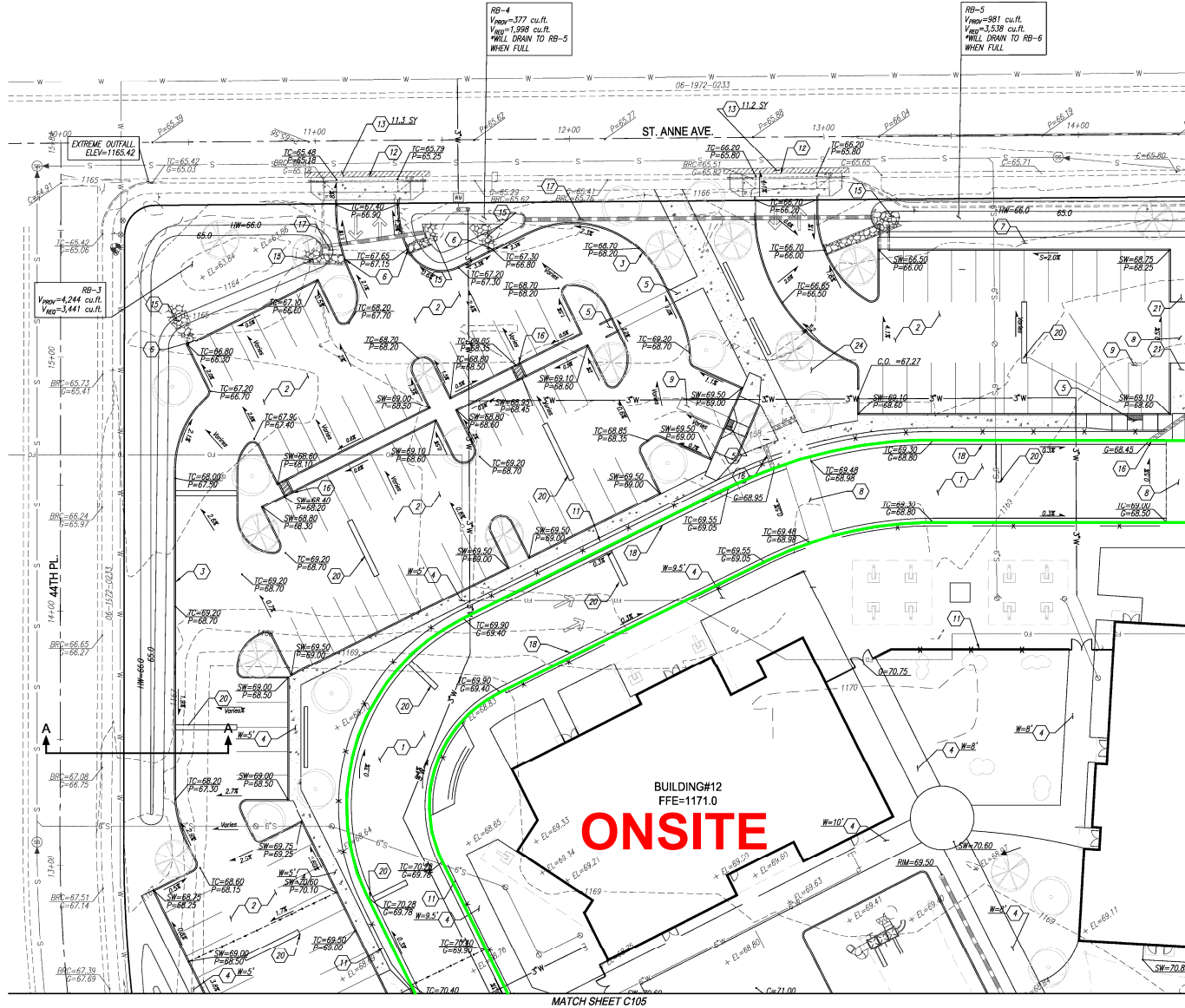
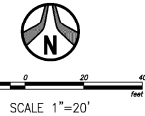
PAPP#1705053 KIVA#17-3110

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN

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



GRADING NOTES:

- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - (3) INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - (4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 203.
 - (8) PROPOSED SPEED TABLE WITH CROSSWALK REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (9) CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 - (10) PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (11) SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - (12) INSTALL DRIVEWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL P-1230-4.
 - (13) SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B, CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220 SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT/CIVIL/SITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 - (14) REMOVE EXISTING CURB AND GUTTER.
 - (15) INSTALL RBP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 - (16) INSTALL (2.5" OPENING) SCUPPER PER M.A.G. STD. DETAIL 203.
 - (17) INSTALL HOPE STORM DRAIN PIPE 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. S.D. P1570 (N).
 - (23) INSTALL MAXWELL PLUS DOWELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 - (24) PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 - (25) DEPRESS AREA 6" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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



Job No. 1705053
Drawn: DL
Checked: MSL
Date: 11/18/17
Revised:

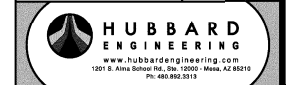
FOR CONSTRUCTION

HDA ARCHITECTS, LLC
459 N. Gilbert Road, Suite C-202, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608
GRADING PLAN

HDA ARCHITECTS, LLC
KIVA#17-3110



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

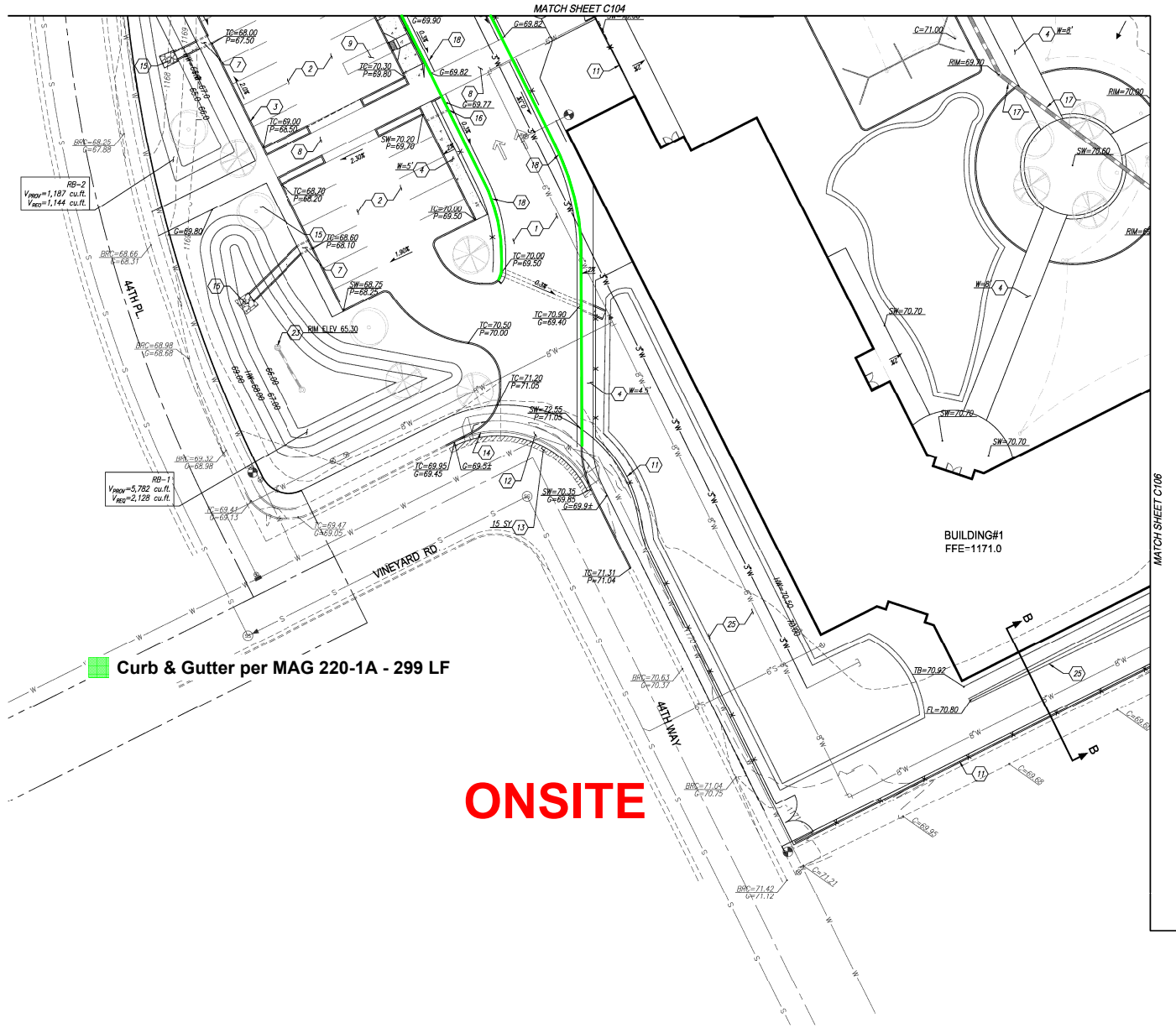
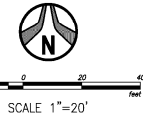


Sheet No.
C104

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



GRADING NOTES:

1. CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
 2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
 3. INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 4. CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 203.
 8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 10. PROPOSED TRASH ENCLOSURE. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 11. SITE WALL/FENCE PER ARCHITECT'S PLANS.
 12. INSTALL DRIVEWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL P-1255-2.
 13. SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/CITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 14. REMOVE EXISTING CURB AND GUTTER.
 15. INSTALL RRP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 16. INSTALL (2.5" OPENING) SCUPPER PER MAG STD DETAIL 203.
 17. INSTALL HDPE STORM DRAIN PIPE 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. S.D. P1570 (N).
 23. INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 25. DEPRESS AREA 6" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

ONSITE

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 DL
Checked MWM
Date 11/18/17
Revised

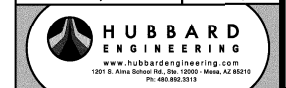
FOR CONSTRUCTION

HDA ARCHITECTS, LLC.
459 N. Gilbert Road, Suite C-202, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608
GRADING PLAN

HDA
HDA ARCHITECTS, LLC.



Project No. 17129	Date 12/14/2017	Sheet No. C105
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	



Sheet No.
C105

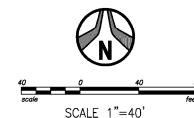
PAPP#1705053 KIVA#17-3110

- 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

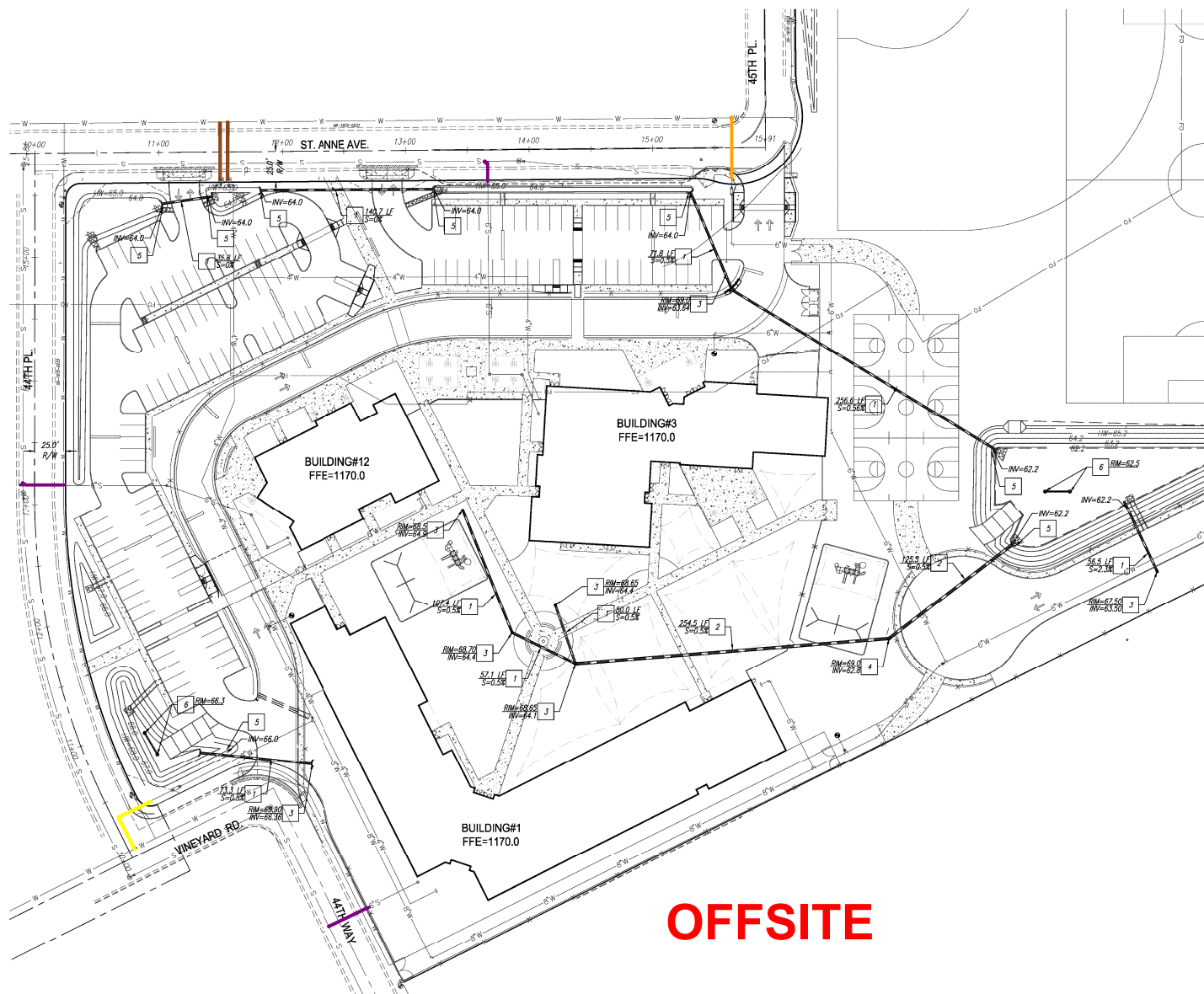
PHOENIX, AZ. 85042

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 18" HDPE POLYPROPYLENE STORM DRAIN PIPE AND 24" STANDARD GRATE ASSEMBLY.
4. PROVIDE 48" CMP ACCESS MANHOLE PORT WITH 24" GRATE COVER AS SHOWN ON PLANS.
5. CONSTRUCT HEADWALL PER M.A.G. STD. DET. 501-1 TYPE "V".
6. INSTALL MAXWELL PLUS DUAL DRYWELL OR EQUIVALENT PER DETAIL ON SHEET C11.3.



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



Job No. 17098
Drawn DL
Checked MHL
Date 11/18/17
Revised

FOR CONSTRUCTION

HDA ARCHITECTS, LLC
459 N. Gilbert Road, Suite C-202, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608
STORM DRAIN PLAN



Project No. 17129	Date 12/14/2017	Sheet No. C111
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	
 HUBBARD ENGINEERING www.hubbardengineering.com 1201 S. Alma School Rd., Ste. 1000 - Mesa, AZ 85210 PH: 480.892.3313		

Sheet No.
C111

PAPP#1705053 KIVA#17-3110

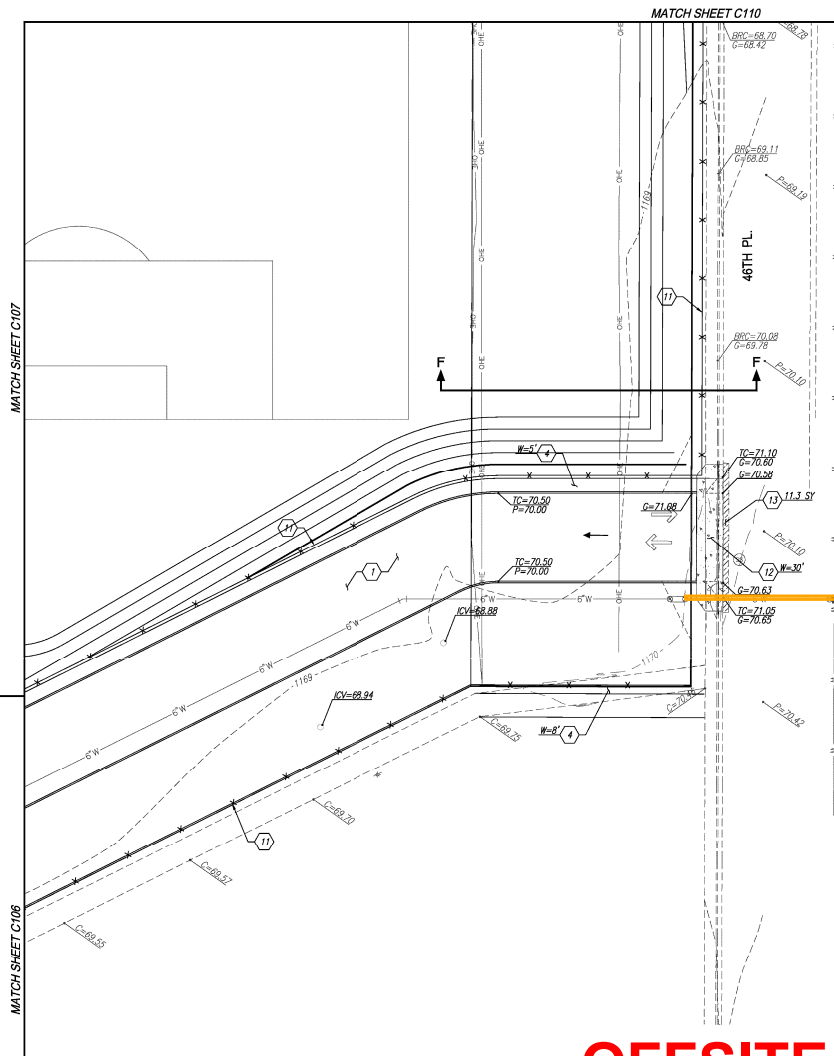
NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



SCALE 1"=20'



OFFSITE

GRADING NOTES:

1. CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
3. INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
4. CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 206.
8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
10. PROPOSED TRASH 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-1255-2.
13. SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/CITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
14. REMOVE EXISTING CURB AND GUTTER.
15. INSTALL RIP-RAP, D=6", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
16. INSTALL (2.5' OPENING) SCUPPER PER M.A.G. STD. DETAIL 203.
17. INSTALL HOPE STORM DRAIN PIPE 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. S.D. P1570 (N).
23. INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET C107 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR BOULDERS.
25. DEPRESS AREA 6" MIN. UNDO.

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

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



Job No. 17098
Drawn DL
Checked MSN
Date 11/18/17
Revised

DRAFT
CONSTRUCTION

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



Call before you dig.
1.800.874.8277
602.263.1100

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.hubbardengineering.com
1201 S. Anna Street Rd., Box 10050 - Mesa, AZ 85210
PH: 480.892.3313

HDA
HDA ARCHITECTS, LLC.

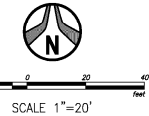
Sheet No.
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PAPP#1705053 KVA#17-3110

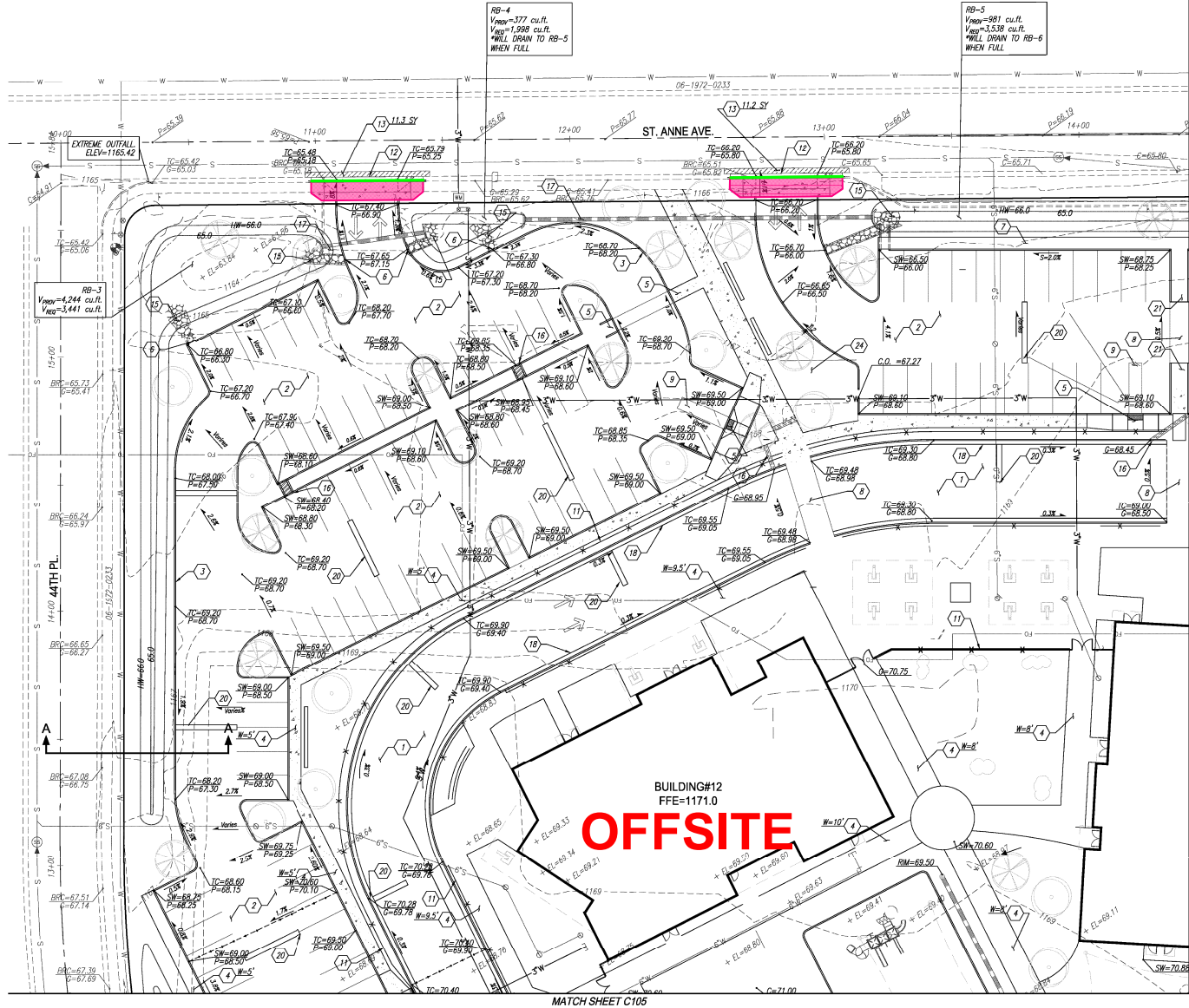
NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



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



GRADING NOTES:

- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 - (3) INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
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 - (8) PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
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 - (15) INSTALL RBP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 - (16) INSTALL (2.5" OPENING) SCUPPER PER M.A.G. STD. DETAIL 203.
 - (17) INSTALL HOPE STORM DRAIN PIPE 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 COP S.D. P1570 (N).
 - (23) INSTALL MAXWELL PLUS DOWELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 - (24) PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 - (25) DEPRESS AREA 6" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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



Job No. 1705053
Drawn: DL
Checked: MSL
Date: 11/18/17
Revised:

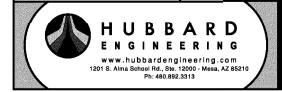
FOR CONSTRUCTION

HDA ARCHITECTS, LLC
459 N. Gilbert Road, Suite C-202, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608
GRADING PLAN

HDA ARCHITECTS, LLC
KIVA#17-3110



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

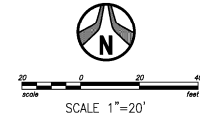


Sheet No.
C104

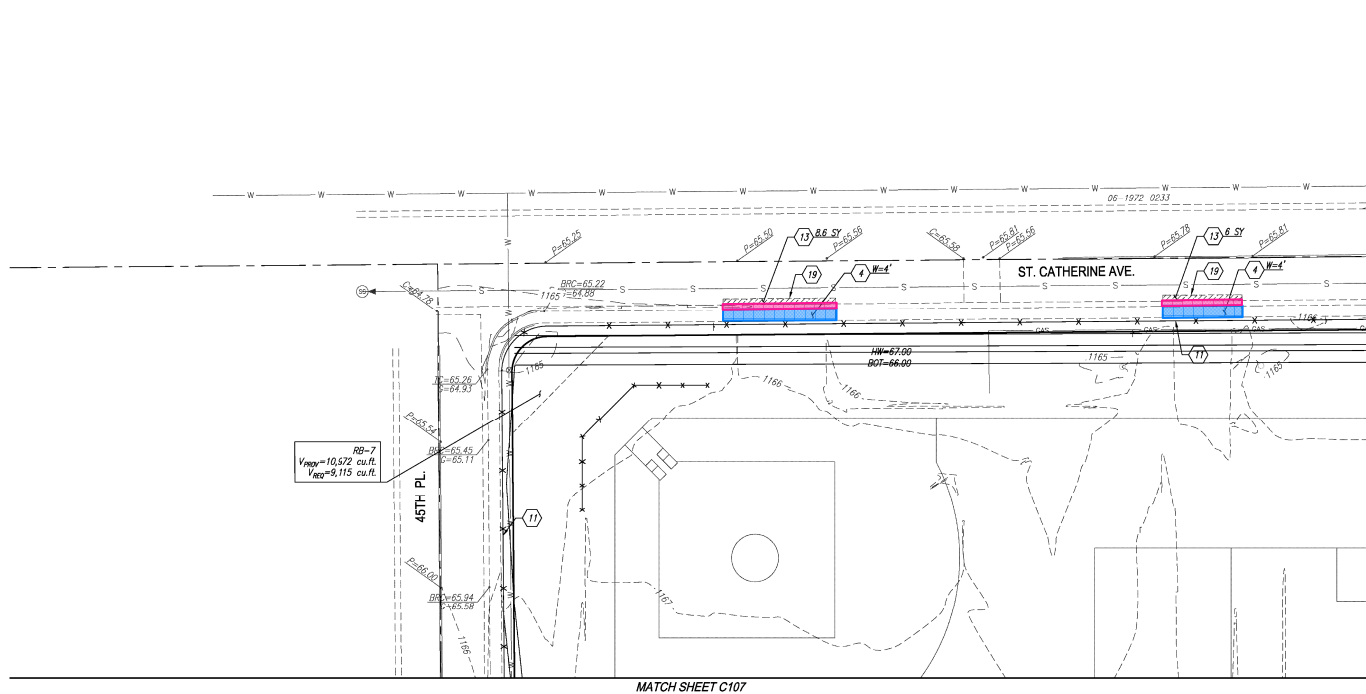
NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



- City Sidewalk COP P1230 - OFF SITE - 262 SF
- Roll Curb MAG 220-1C - OFF SITE - 66 LF



OFFSITE

GRADING NOTES:

1. CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 8" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE, PER GEOTECH SPECS.
 3. INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 4. CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 206.
 8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 10. PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 11. SITE WALL/FENCE PER ARCHITECT'S PLANS.
 12. INSTALL DRIVEWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL P-1255-2.
 13. SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL SITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 14. REMOVE EXISTING CURB AND GUTTER.
 15. INSTALL RRP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 16. INSTALL (2.5' OPENING) SCUPPER PER MAG STD DETAIL 203.
 17. INSTALL HOPE STORM DRAIN PIPE 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 COP S.D. P1570 (N).
 23. INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET C107 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR BOULDERS.
 25. DEPRESS AREA 6" MIN. U.N.D.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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 DL
Checked MSJ
Date 11/18/17
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

HDA ARCHITECTS, LLC
KIVA #17-3110



Project No. 17129	Date 12/14/2017	Sheet No. C108
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	
 HUBBARD ENGINEERING www.hubbardengineering.com 1201 S. Alma School Rd., Ste. 1000 - Mesa, AZ 85210 PH: 480.892.3313		

Sheet No.
C108

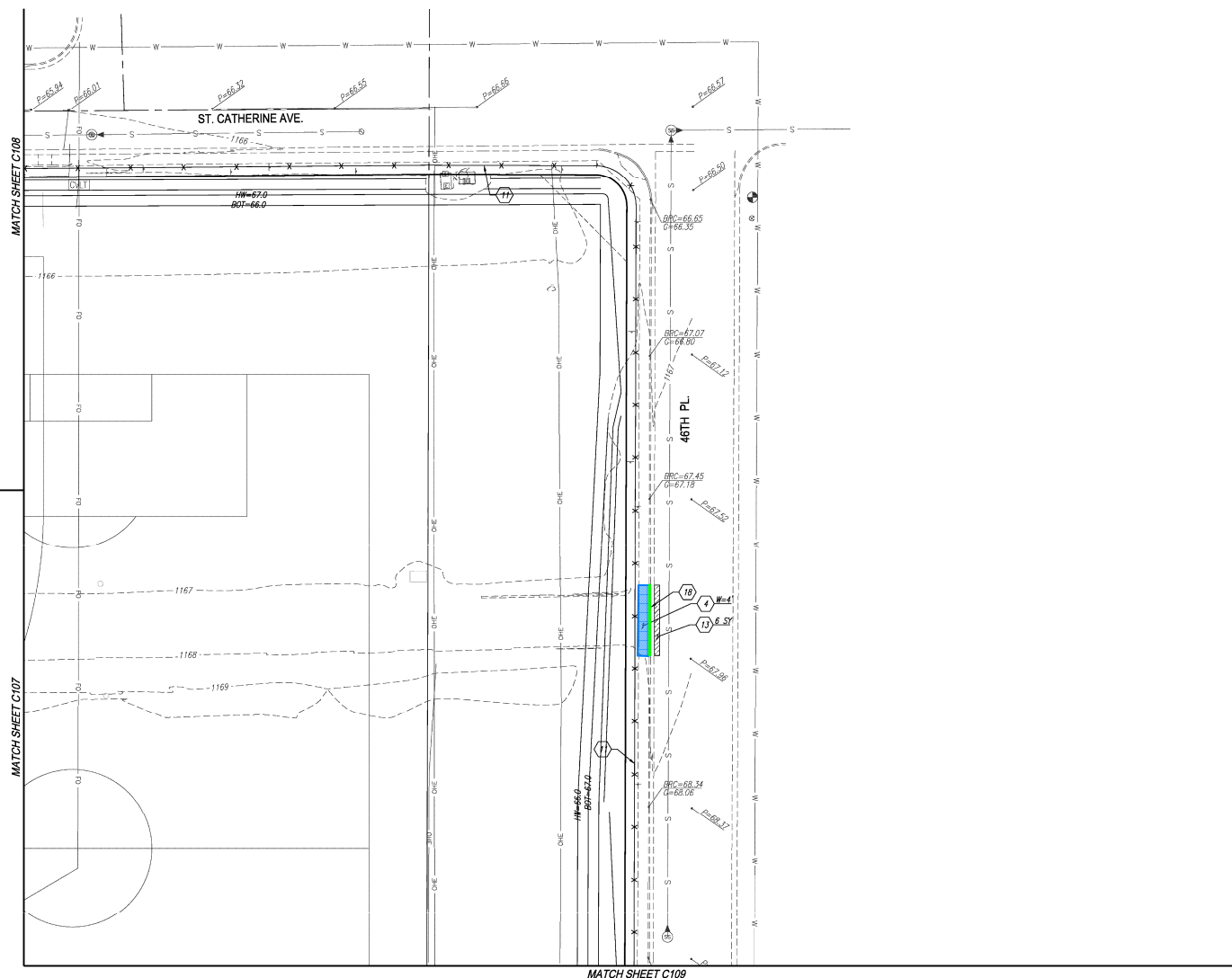
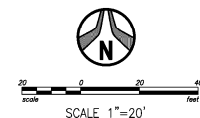
- Add #2 - C109 (30% of Scale); Takeoff in Active Area: Site Work - Phase 1 - Adj Ways; Nevitt Elementary School; OST Sample Projects v2; 4/27/2018 08:48 AM

- 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" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE. PER GEOTECH SPECS.
3. INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
4. CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 206.
8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2X IN ALL DIRECTIONS.
10. PROPOSED TRASH 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-1235-2.
13. SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/CITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
14. REMOVE EXISTING CURB AND GUTTER.
15. INSTALL RRP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
16. INSTALL (2.5' OPENING) SCUPPER PER MAG STD DETAIL 203.
17. INSTALL HOPE STORM DRAIN PIPE 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 COP S.D. P1570 (N).
23. INSTALL MAXWELL PLUS DRYWELL PER DETAIL ON SHEET C107 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR BOULDERS.
25. DEPRESS AREA 6" MIN. UNLD.

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



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



Job No. 17008
Drawn DL
Checked MWN
Date 11/18/17
Revised

DRAFT
CONSTRUCTION

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

HDA ARCHITECTS, LLC.
HDA

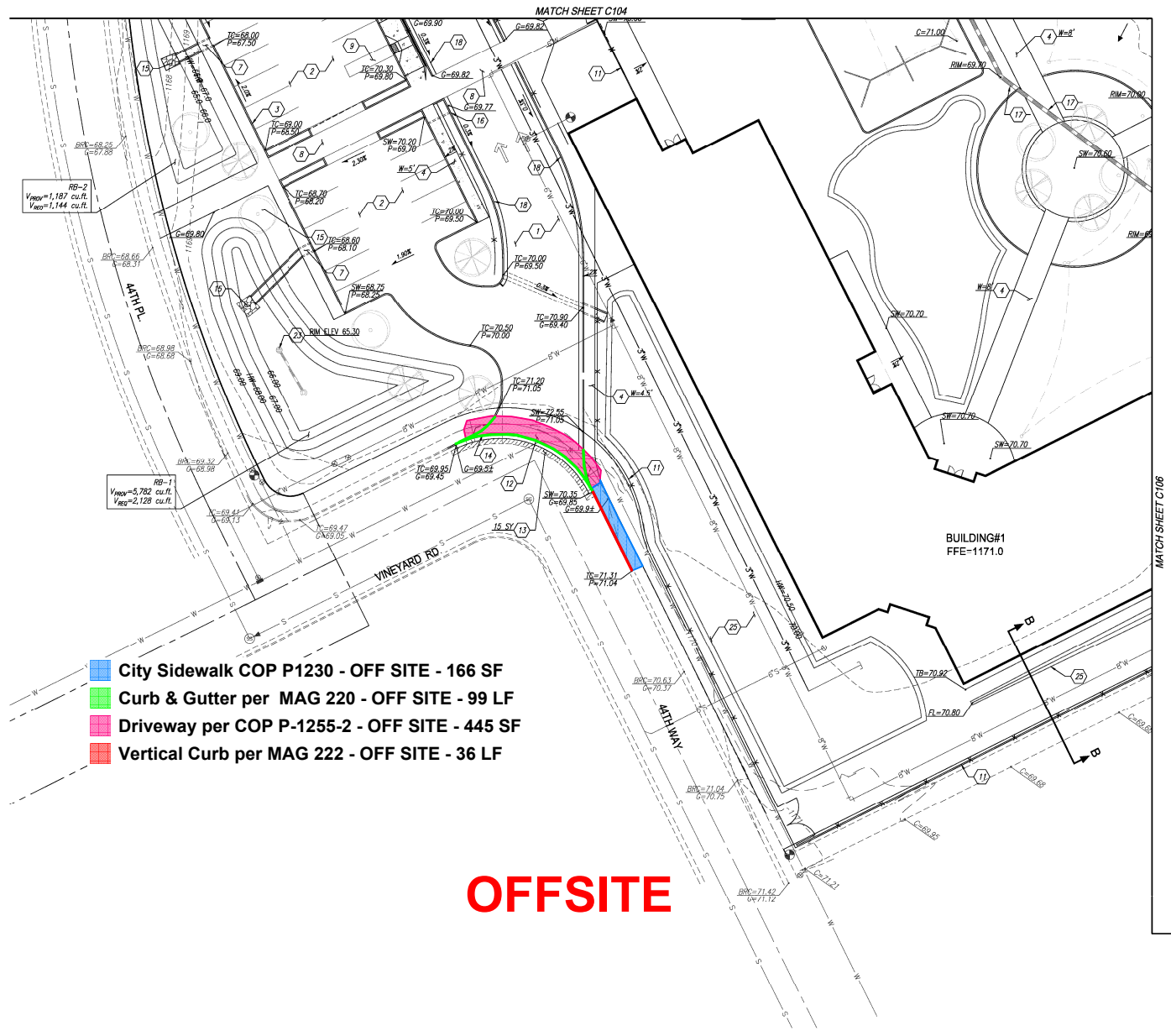
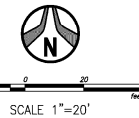
Sheet No.
C110

PAPP#1705053 KVA#17-3110

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



- City Sidewalk COP P1230 - OFF SITE - 166 SF
- Curb & Gutter per MAG 220 - OFF SITE - 99 LF
- Driveway per COP P-1255-2 - OFF SITE - 445 SF
- Vertical Curb per MAG 222 - OFF SITE - 36 LF

OFFSITE

GRADING NOTES:

1. CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 2. CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 3. INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
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 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 SCUPPER PER M.A.G. STD. DETAIL 203.
 8. PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 9. CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 10. PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 11. SITE WALL/FENCE PER ARCHITECT'S PLANS.
 12. INSTALL DRIVEWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL P-1255-2.
 13. SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PANEL PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/CITE INSPECTION, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 14. REMOVE EXISTING CURB AND GUTTER.
 15. INSTALL RRP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 16. INSTALL (2.5" OPENING) SCUPPER PER MAG STD DETAIL 203.
 17. INSTALL HDPE STORM DRAIN PIPE 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. S.D. P1570 (N).
 23. INSTALL MAXWELL PLUS DRENELL PER DETAIL ON SHEET C102 AND PER MANUFACTURER'S SPECIFICATIONS. INVERT SHOWN ON PLAN MUST BE 0.3 FT ABOVE BOTTOM OF RETENTION BASIN.
 24. PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 25. DEPRESS AREA 6" MIN. U.L.O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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 DL
Checked MWM
Date 11/18/17
Revised

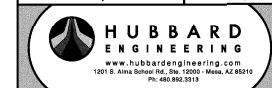
FOR CONSTRUCTION

HDA ARCHITECTS, LLC.
459 N. Gilbert Road Suite C-202, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608

HDA ARCHITECTS, LLC.
KIVA #17-3110



Project No. 17129	Date 12/14/2017	Sheet No. C105
Project Manager D. LAREDO, P.E.	Project Engineer M. WOLF, P.E.	

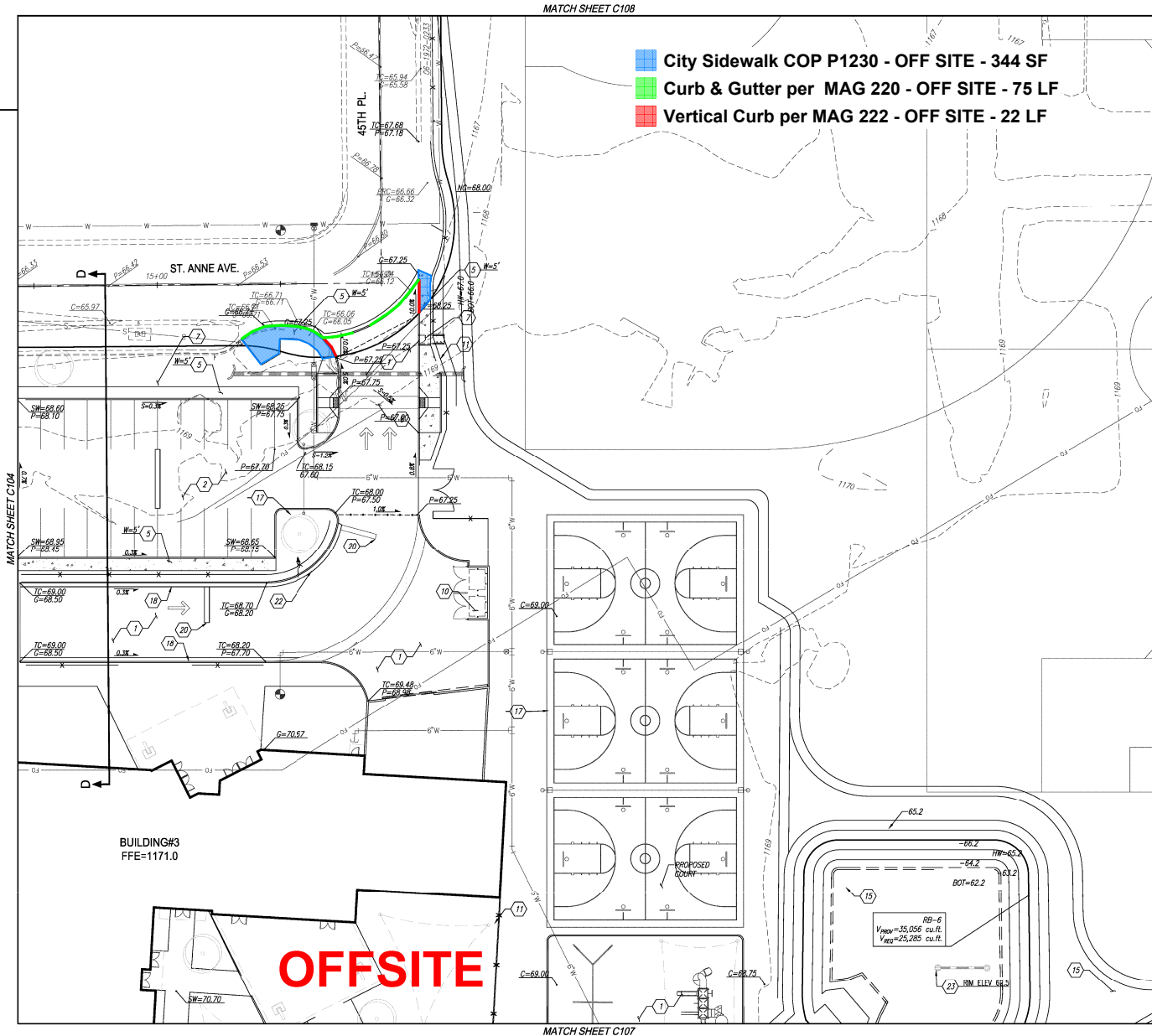
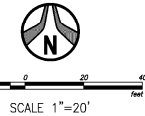


Sheet No.
C105

NEVITT ELEMENTARY SCHOOL

PHOENIX, AZ. 85042

GRADING PLAN



- City Sidewalk COP P1230 - OFF SITE - 344 SF
- Curb & Gutter per MAG 220 - OFF SITE - 75 LF
- Vertical Curb per MAG 222 - OFF SITE - 22 LF

GRADING NOTES:

- (1) CONSTRUCT HEAVY-DUTY ASPHALT PAVEMENT, 3" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 - (2) CONSTRUCT LIGHT-DUTY ASPHALT PAVEMENT, 2 1/2" AC OVER 6" ABC OVER 12" PREPARED SUBGRADE PER GEOTECH SPECS.
 - (3) INSTALL SINGLE CURB PER M.A.G. STD. DETAIL 222 TYPE 'A'.
 - (4) CONSTRUCT CONCRETE SIDEWALK PER C.O.P. STD. DETAIL P-1230. WIDTH VARIES 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 SCUPPER PER M.A.G. STD. DETAIL 206.
 - (8) PROPOSED SPEED TABLE WITH CROSSWALK. REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (9) CONSTRUCT ACCESSIBLE PARKING PER ARCHITECT'S PLANS. 2% IN ALL DIRECTIONS.
 - (10) PROPOSED TRASH ENCLOSURE, REFER TO ARCHITECT'S PLAN FOR DETAILS.
 - (11) SITE WALL/FENCE PER ARCHITECT'S PLANS.
 - (12) INSTALL DRIVEWAY ENTRANCE TYPE II PER C.O.P. STD. DETAIL P-1255-2.
 - (13) SAWCUT AND REMOVE AC PAVEMENT. PAVEMENT REPLACEMENT THICKNESS AND TYPE ARE TO BE PER M.A.G. AND CITY OF PHOENIX SUPPLEMENT SECTION 536 AND CITY OF PHOENIX DETAIL P1200-TYPE B. CURB AND GUTTER REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL SECTION, PER M.A.G. STANDARD DETAIL 220. SIDEWALK REPLACEMENT SHALL BE A MINIMUM OF ONE (1) FULL PAVEMENT PER CITY OF PHOENIX DETAIL P1230. AT THE DISCRETION OF THE CITY OF PHOENIX PLANNING AND DEVELOPMENT CIVIL/SITE INSPECTOR, TUNNELING UNDER EXISTING CURB AND GUTTER, IN CITY OF PHOENIX ROW, WILL BE ALLOWED. TUNNELING UNDER EXISTING SIDEWALK WILL NOT BE ALLOWED IN THE CITY OF PHOENIX ROW.
 - (14) REMOVE EXISTING CURB AND GUTTER.
 - (15) INSTALL RRP-RAP, D=8", DEPTH=18" PER M.A.G. SPEC. SECTION 220 OVER GEOSYNTHETIC FABRIC PER M.A.G. SPEC. SECTION 796.
 - (16) INSTALL (2.5" OPENING) SCUPPER PER MAG STD DETAIL 203.
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 - (24) PLAY FIELDS MUST BE FINE GRADED, NO LARGE RIVER ROCKS OR Boulders.
 - (25) DEPRESS AREA 6" MIN. U/L/O.
- SEE ARCHITECT'S PLANS FOR ADDITIONAL DIMENSIONS, CONCRETE SCORING AND OTHER PERTINENT INFORMATION.

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



Job No. 17098
Drawn DL
Checked MWM
Date 10/09/17
Revised

DREAMAR
SET

HDA ARCHITECTS, LLC.
459 N. Gilbert Road, Suite C-200, Gilbert, AZ 85334
TEL: (480) 539 8800 FAX: (480) 539 8608
GRADING PLAN

HDA
HDA ARCHITECTS, LLC.



Project No. 17129	Date —	Sheet No. C107
Project Manager D. LAREDO	Project Engineer M. WOLF, P.E.	
 HUBBARD ENGINEERING www.hubbardengineering.com 1201 S. Alma School Rd., Ste. 1000 - Mesa, AZ 85210 PH: 480.882.3313		

Sheet No.
C107