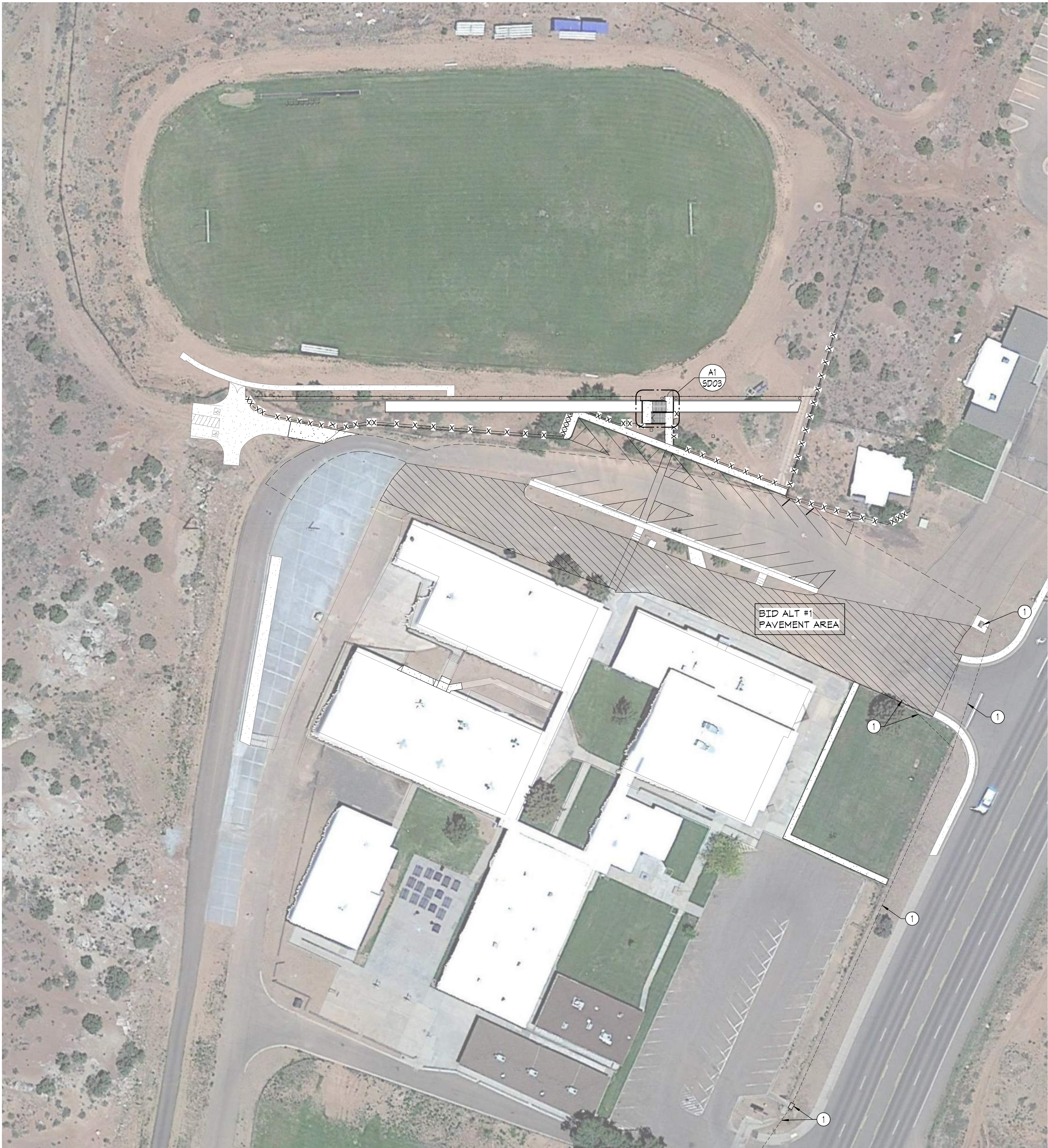


1380 MAIN ST., SNOWFLAKE, AZ 85937



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- ### KEYNOTES
- EXISTING ADOT STORM DRAIN SYSTEM. CONTRACTOR TO CLEAN AND FLUSH ALL CATCH BASINS AND ASSOCIATED DOWN STREAM STORM DRAIN PIPING TO SYSTEM DAYLIGHTING. UNCOVER BURIED CATCH BASIN AND UNPAVED AREAS AND GROOM FINISHED GRADE TO PROVIDE TRANSITION SLOPE TO CATCH BASIN RIM. VERIFY ALL STORM DRAIN COMPONENTS ARE CLEAR, INTACT AND FLOWING FREELY.

- ### GENERAL NOTES
- PERFORM FINISH GRADING AS REQUIRED TO PERMIT INSTALLATION OF WORK AS SHOWN ON DRAWINGS OR TO RETURN AREAS DISTURBED BY WORK TO CONDITIONS PRIOR TO WORK. AFTER FINAL CLEAN-UP OF EXTERIOR AND REMOVAL OF TRASH AND CONSTRUCTION DEBRIS, THE SITE SHALL BE GRADED TO SLOPES AND ELEVATIONS AS INDICATED ON THE DRAWINGS (OR TO MATCH EXISTING GRADES. ADDITIONAL MATERIAL REQUIRED FOR FINISH GRADING SHALL BE OF TOP SOIL QUALITY, PROVIDED, PLACED AND GRADED BY THE CONTRATOR. LAWN AREAS AROUND THE BUILDING, WALKS, PLAYCOURT AND PARKING LOT SHALL PROVIDE GOOD SLOPE DRAINAGE AWAY FROM BUILDINGS AND AREAS AS INDICATED. RAKE INDICATED SITE AND LAWN AREAS SMOOTH AND LEVEL TO A TOLERANCE OF PLUS OR MINUS 0.1 FOOT FROM ELEVATIONS INDICATED. ALL DIRT CLODS, ROCKS, ABC, ETC. SHALL BE REMOVED FROM LANDSCAPE AREAS PRIOR TO FINISH MATERIAL BEING INSTALLED.
  - REPLACE ANY LANDSCAPING DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. ANY PLANTS DISTURBED OR REMOVED ARE TO BE REPLACED WITH NEW ITEMS TO MATCH EXISTING. TURF DISTURBED SHALL BE REPLACED WITH SOD. SEE SPECIFICATIONS FOR REQUIREMENTS.
  - REPLACE / REPAIR ANY LANDSCAPE IRRIGATION DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. SEE SPECIFICATIONS FOR REQUIREMENTS.

#	REVISIONS / SUBMISSIONS	DATE

**SNOWFLAKE UNIFIED SCHOOL DISTRICT**  
**SITE DRAINAGE IMPROVEMENTS**  
**SNOWFLAKE JUNIOR HIGH SCHOOL**

1300 MAIN ST., SNOWFLAKE, AZ 86037

**EMC2**  
Learning Places & Growing Spaces  
1635 N Greenfield Rd, Suite 144, Mesa, AZ 85205 P 480.830.3838 www.emc2architects.com

DRAWING TITLE:  
**OVERALL SITE PLAN**

DESIGNED BY: EMC2	PROJECT NO. 12721816.00
DRAWN BY: EMW	SCALE: As indicated
CHECKED BY: EMC2	DRAWING NO.
DATE: 8/22/2022	<b>SD01</b>
DATA FILE:	

*(Professional Engineer Seal for Todd J. Kuennig, State of Arizona, License No. 50020, dated 8/22/2022)*



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#

KEYNOTES

1.

SAWCUT AND REMOVE PAVING. SEE CIVIL DRAWINGS.

2.

PAVEMENT TO REMAIN. PROTECT IN PLACE.

3.

SIDEWALK, CURBING, VALLEYGUTTER, VAULTS AND WALLS TO REMAIN.

4.

CONCRETE SIDEWALK, LANDINGS, STAIRS AND RAILINGS TO BE REMOVED.

5.

CONCRETE SIDEWALK/CURB TO REMAIN.

6.

CHAIN LINK FENCE AND GATES TO BE REMOVED.

7.

CHAIN LINK FENCE AND GATES TO REMAIN.

8.

SHOT CRETE PAVING TO REMAIN. PATCH TO NEW PAVING AS REQUIRED.

9.

REMOVE LANDSCAPING AND ALL OTHER IMPROVEMENTS AS REQUIRED FOR NEW RETAINING WALLS AND GRADING.

10.

LANDSCAPING TO REMAIN. PROTECT IN PLACE.

F1

SITE PLAN - DEMOLITION

1" = 20'-0"

GENERAL NOTES

A.

PERFORM FINISH GRADING AS REQUIRED TO PERMIT INSTALLATION OF WORK AS SHOWN ON DRAWINGS OR TO RETURN AREAS DISTURBED BY WORK TO CONDITIONS PRIOR TO WORK. AFTER FINAL CLEAN-UP OF EXTERIOR AND REMOVAL OF TRASH AND CONSTRUCTION DEBRIS, THE SITE SHALL BE GRADED TO SLOPES AND ELEVATIONS AS INDICATED ON THE DRAWINGS (OR TO MATCH EXISTING GRADES. ADDITIONAL MATERIAL REQUIRED FOR FINISH GRADING SHALL BE OF TOP SOIL QUALITY, PROVIDED, PLACED AND GRADED BY THE CONTRATOR. LAWN AREAS AROUND THE BUILDING, WALKS, PLAYCOURT AND PARKING LOT SHALL PROVIDE GOOD SLOPE DRAINAGE AWAY FROM BUILDINGS AND AREAS AS INDICATED. RAKE INDICATED SITE AND LAWN AREAS SMOOTH AND LEVEL TO A TOLERANCE OF PLUS OR MINUS 0.1 FOOT FROM ELEVATIONS INDICATED. ALL DIRT CLODS, ROCKS, ABC, ETC. SHALL BE REMOVED FROM LANDSCAPE AREAS PRIOR TO FINISH MATERIAL BEING INSTALLED.

B.

REPLACE ANY LANDSCAPING DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. ANY PLANTS DISTURBED OR REMOVED ARE TO BE REPLACED WITH NEW ITEMS TO MATCH EXISTING. TURF DISTURBED SHALL BE REPLACED WITH SOD. SEE SPECIFICATIONS FOR REQUIREMENTS.

C.

REPLACE / REPAIR ANY LANDSCAPE IRRIGATION DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. SEE SPECIFICATIONS FOR REQUIREMENTS.

#

REVISIONS / SUBMISSIONS


DATE

SNOWFLAKE UNIFIED SCHOOL DISTRICT

**SITE DRAINAGE IMPROVEMENTS**

**SNOWFLAKE JUNIOR HIGH SCHOOL**

1300 MAIN ST., SNOWFLAKE, AZ 86037

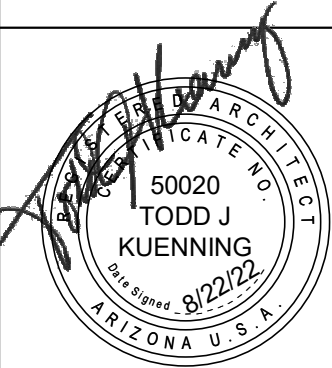


Learning Places & Growing Spaces

1635 N Greenfield Rd, Suite 144, Mesa, AZ 85205 P 480.830.3838 www.emc2architects.com

DRAWING TITLE:

**ENLARGED SITE PLAN - DEMOLITION**



DESIGNED BY:

EMC2

DRAWN BY:

EMW

CHECKED BY:

EMC2

DATE:

8/22/2022

DATA FILE:

PROJECT NO.

12721816.00

SCALE:

As indicated

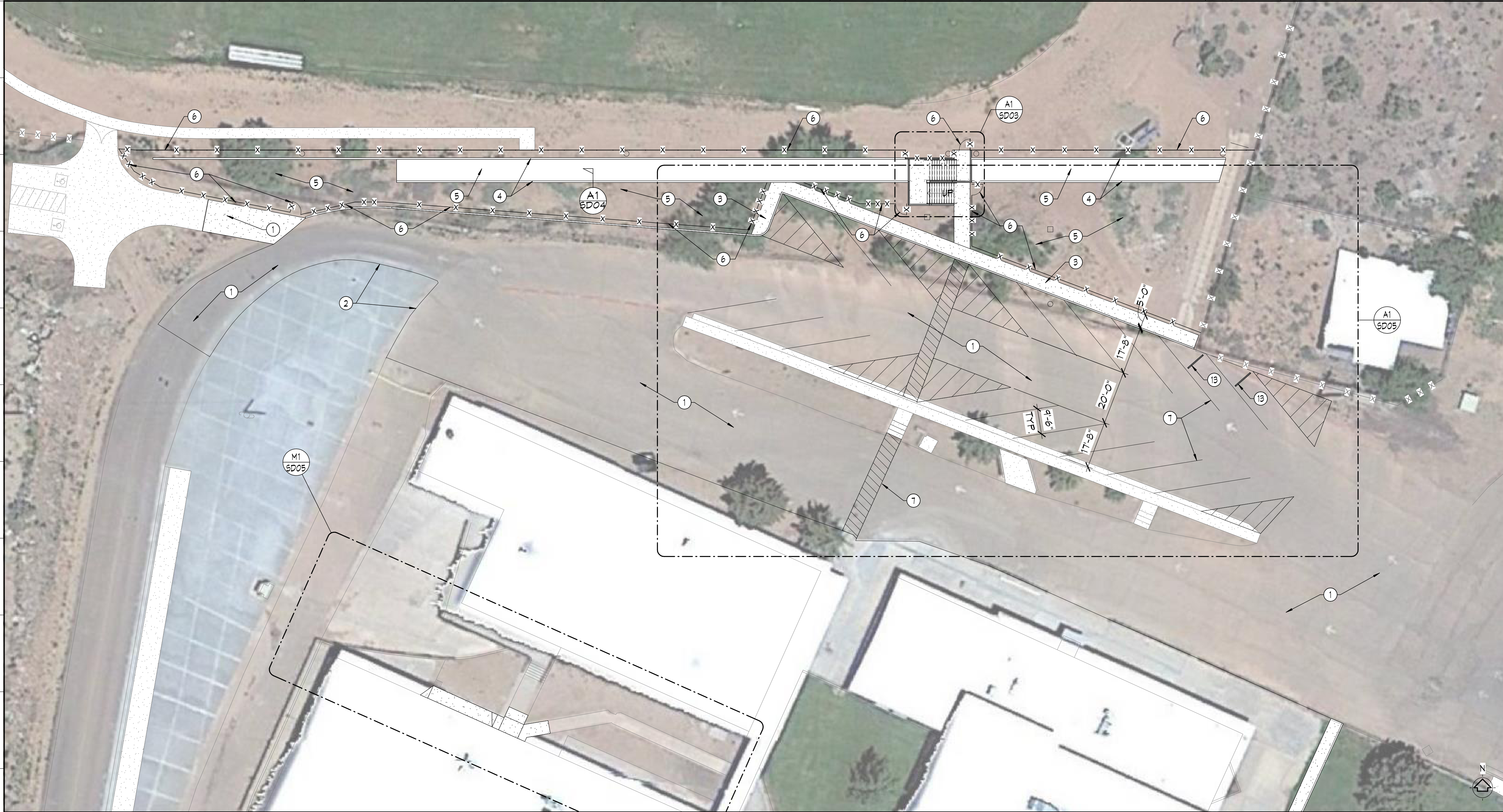
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**SD02**



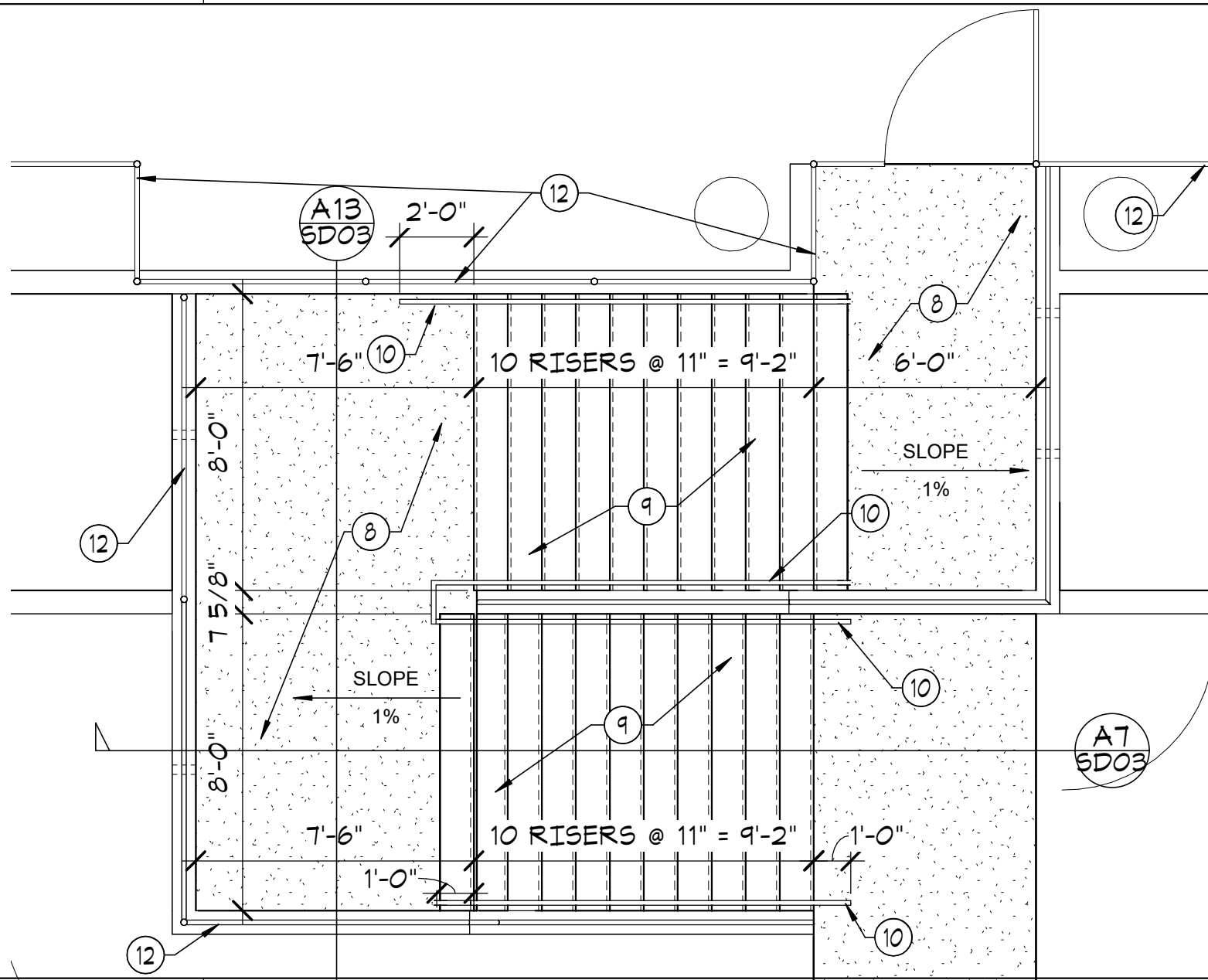
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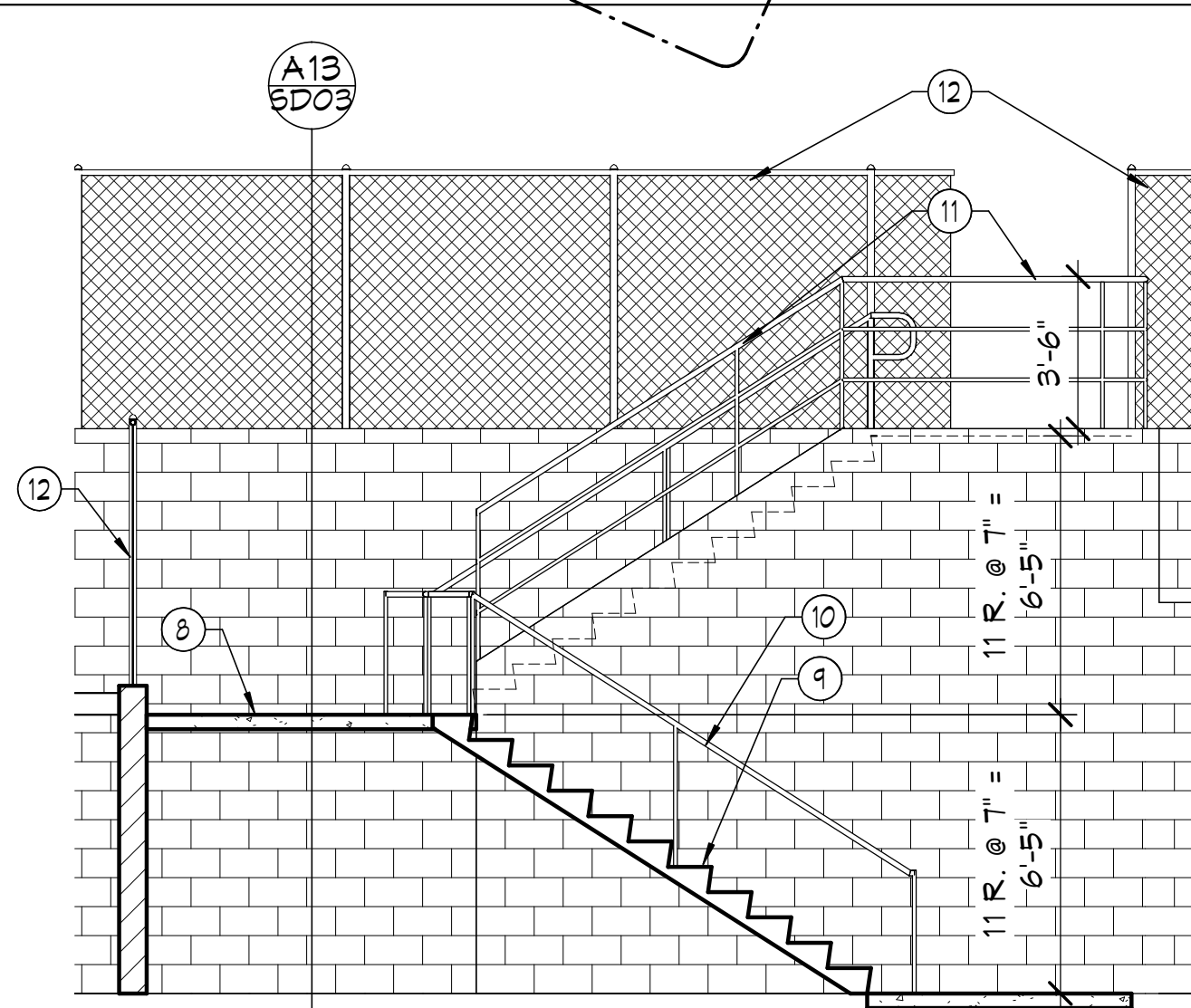
F1 SITE PLAN - NEW

1" = 20'-0"



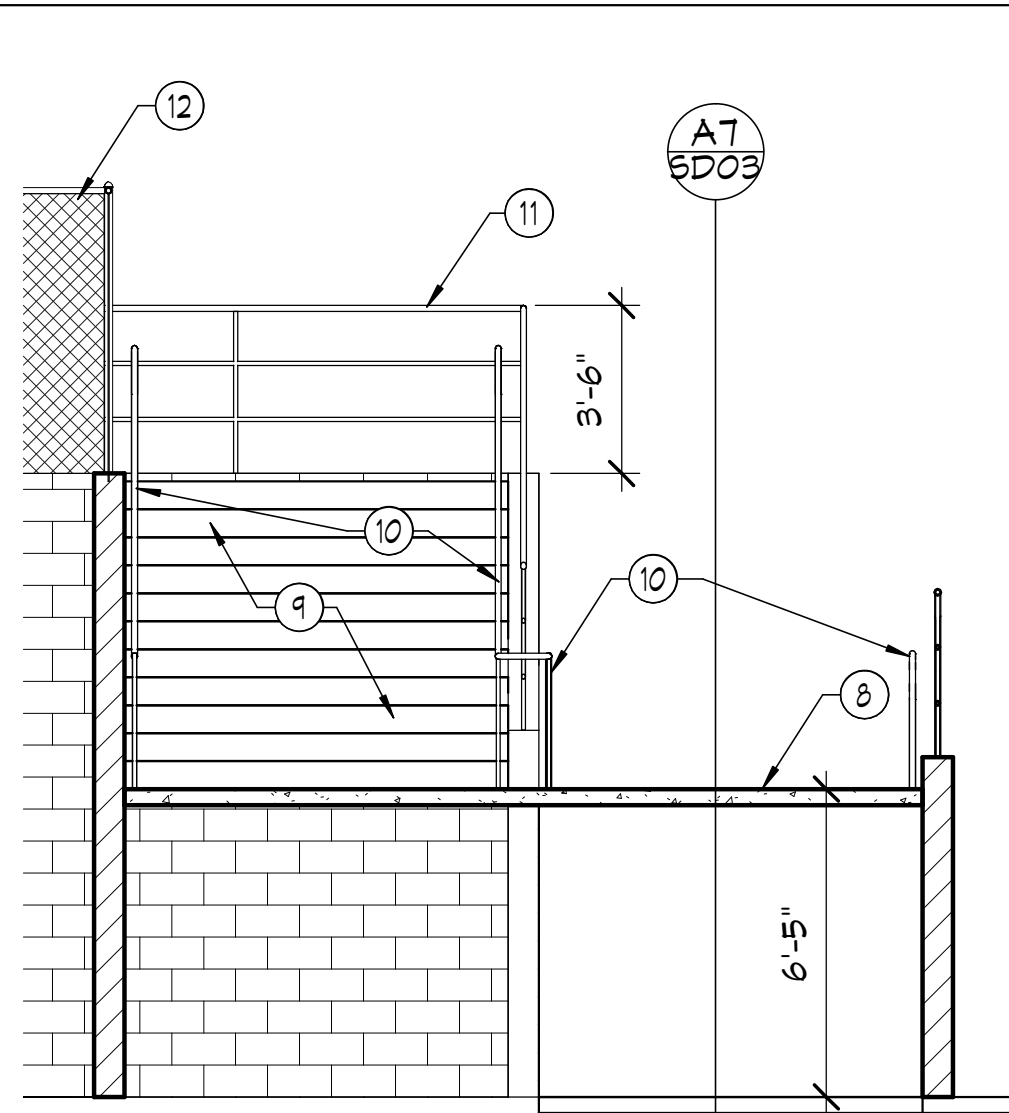
A1 ENLARGED STAIR PLAN

1/4" = 1'-0"



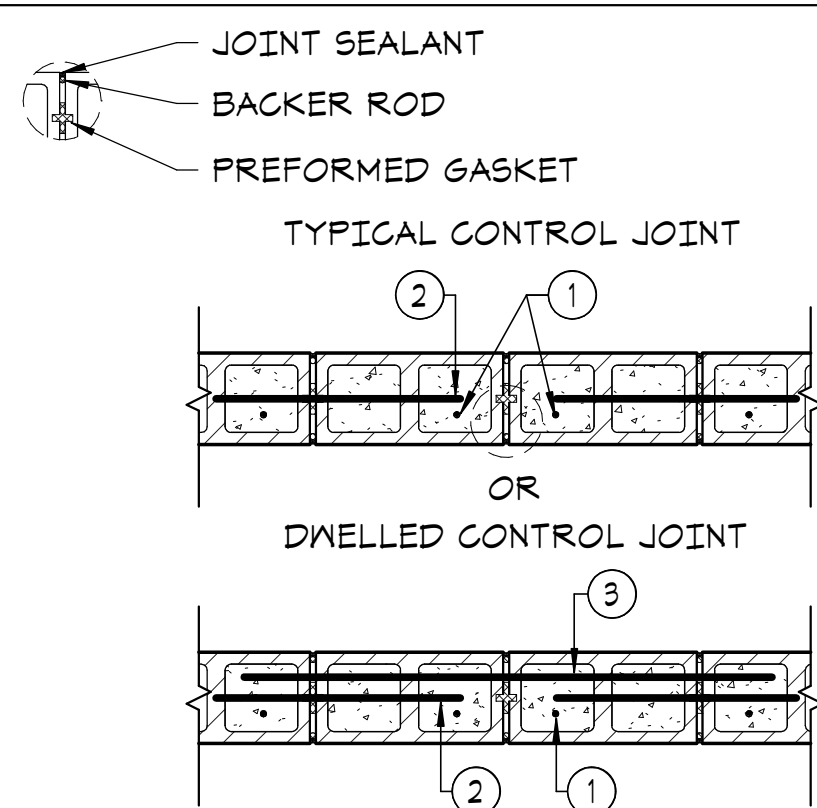
A7 Section 1

1/4" = 1'-0"



A13 Section 2

1/4" = 1'-0"



1. ADDITIONAL VERTICAL BARS ON EACH SIDE OF ALL CONTROL JOINTS.
2. TERMINATE ALL NON-STRUCTURAL REINFORCING 2" FROM CONTROL JOINTS.
3. PROVIDE 4'-0" LONG SMOOTH DWEL ACROSS JOINT. PREVENT BOND BETWEEN BAR AND GROUT WITH A PLASTIC SLEEVE.

ADDITIONAL INFORMATION CAN BE OBTAINED FROM THE NATIONAL CONCRETE MASONRY ASSOCIATION TECHNICAL BULLETINS 10-1A, 10-3 AND 1-4.

A17 CMU CONTROL JOINT

3/4" = 1'-0"

## KEYNOTES

1. NEW PAVING. SEE CIVIL DRAWINGS.
2. SHOT CRETE PAVING TO REMAIN. PATCH TO NEW PAVING AS REQUIRED.
3. CONCRETE SIDEWALK. SEE CIVIL DRAWINGS.
4. CMU RETAINING WALL (SPLIT FACED CMU). SEE CIVIL DRAWINGS. PROVIDE CONTROL JOINTS IN WALLS AT 15 TIMES THE HEIGHT OR 25 FEET (WHICHEVER IS LESS). SEE DETAIL A17/SD03.
5. NEW SHOT CRETE PAVING. SEE CIVIL DRAWINGS.
6. CHAIN LINK FENCE AND GATES (6'-0" HIGH), MIN. PER MAG STANDARD DETAIL 160. ANCHOR POSTS AT CONC. SLAB OR CMU WALL PER MAG DETAIL 145.
7. NEW PAVEMENT STRIPING AS INDICATED.
8. CONCRETE SLAB LANDING.
9. CONCRETE STAIRS. SEE STRUCTURAL.
10. 1 1/2" PAINTED STEEL HANDRAIL.
11. 1 1/2" PAINTED GUARDRAIL.
12. 6'-0" HIGH CHAINLINK FENCE.
13. WHEEL STOP.

## GENERAL NOTES

- A. PERFORM FINISH GRADING AS REQUIRED TO PERMIT INSTALLATION OF WORK AS SHOWN ON DRAWINGS OR TO RETURN AREAS DISTURBED BY WORK TO CONDITIONS PRIOR TO WORK. AFTER FINAL CLEAN-UP OF EXTERIOR AND REMOVAL OF TRASH AND CONSTRUCTION DEBRIS, THE SITE SHALL BE GRADED TO SLOPES AND ELEVATIONS AS INDICATED ON THE DRAWINGS (OR TO MATCH EXISTING GRADES. ADDITIONAL MATERIAL REQUIRED FOR FINISH GRADING SHALL BE OF TOP SOIL QUALITY, PROVIDED, PLACED AND GRADED BY THE CONTRATOR. LAWN AREAS AROUND THE BUILDING, WALKS, PLAYCOURT AND PARKING LOT SHALL PROVIDE GOOD SLOPE DRAINAGE AWAY FROM BUILDINGS AND AREAS AS INDICATED. RAKE INDICATED SITE AND LAWN AREAS SMOOTH AND LEVEL TO A TOLERANCE OF PLUS OR MINUS 0.1 FOOT FROM ELEVATIONS INDICATED. ALL DIRT CLODS, ROCKS, ABC, ETC. SHALL BE REMOVED FROM LANDSCAPE AREAS PRIOR TO FINISH MATERIAL BEING INSTALLED.
- B. REPLACE ANY LANDSCAPING DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. ANY PLANTS DISTURBED OR REMOVED ARE TO BE REPLACED WITH NEW ITEMS TO MATCH EXISTING. TURF DISTURBED SHALL BE REPLACED WITH SOD. SEE SPECIFICATIONS FOR REQUIREMENTS.
- C. REPLACE / REPAIR ANY LANDSCAPE IRRIGATION DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. SEE SPECIFICATIONS FOR REQUIREMENTS.
- D. CIVIL ELEVATIONS FOR RETAINING WALLS ARE MINIMUM HEIGHTS. ADJUST HEIGHTS AS REQUIRED FOR COURSING OF ALL WALLS TO ALIGN WITH EACH OTHER.

## FINISH SCHEDULE

- CMU: SPLIT FACE, 8 X 8 X16  
INTEGRAL COLORED: T.B.D.  
MORTAR COLOR: TO MATCH BLOCK COLOR
- SHOTCRETE: INTEGRAL COLORED: TBD (TO MATCH CMU)
- CONCRETE: COLOR: STANDARD GRAY

## REVISIONS / SUBMISSIONS

#	REVISIONS / SUBMISSIONS	DATE

1300 MAIN ST., SNOWFLAKE, AZ 85937

**EMC2**  
Learning Places & Growing Spaces  
1635 N Greenfield Rd, Suite 144, Mesa, AZ 85205 P 480.830.3838 www.emc2architects.com

## ENLARGED SITE PLAN & DETAILS

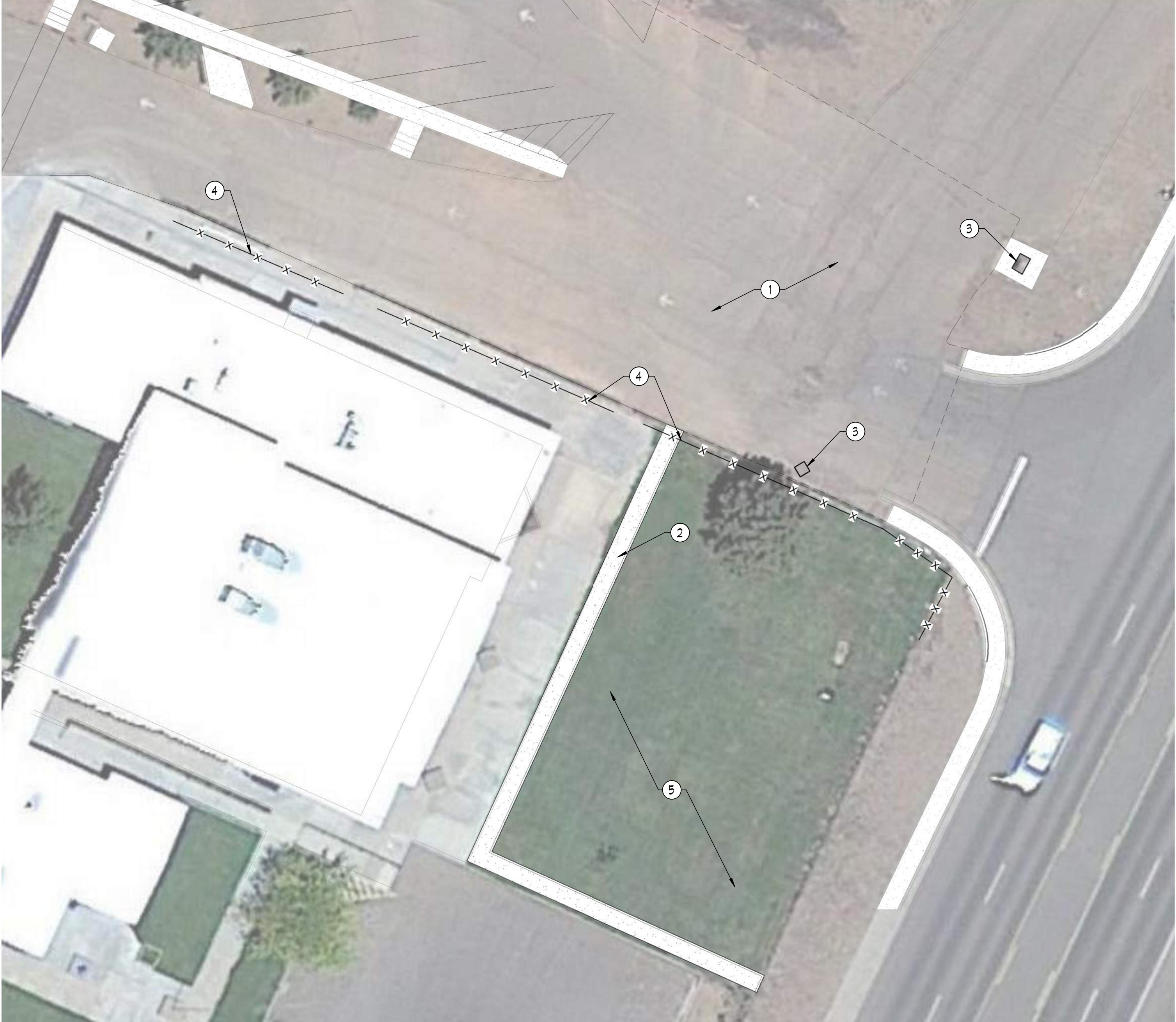
DESIGNED BY: EMC2	PROJECT NO. 12721816.00
DRAWN BY: EMW	SCALE: As indicated
CHECKED BY: EMC2	DRAWING NO.
DATE: 8/22/2022	
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SD03



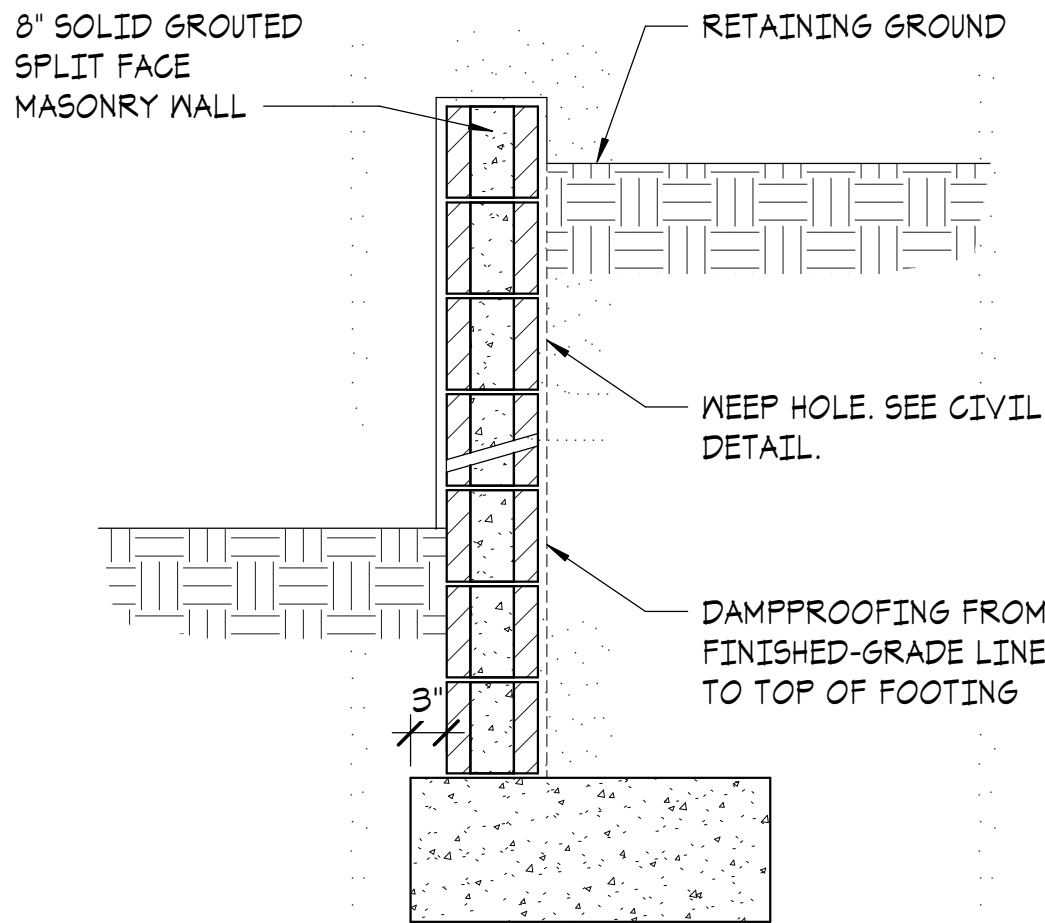
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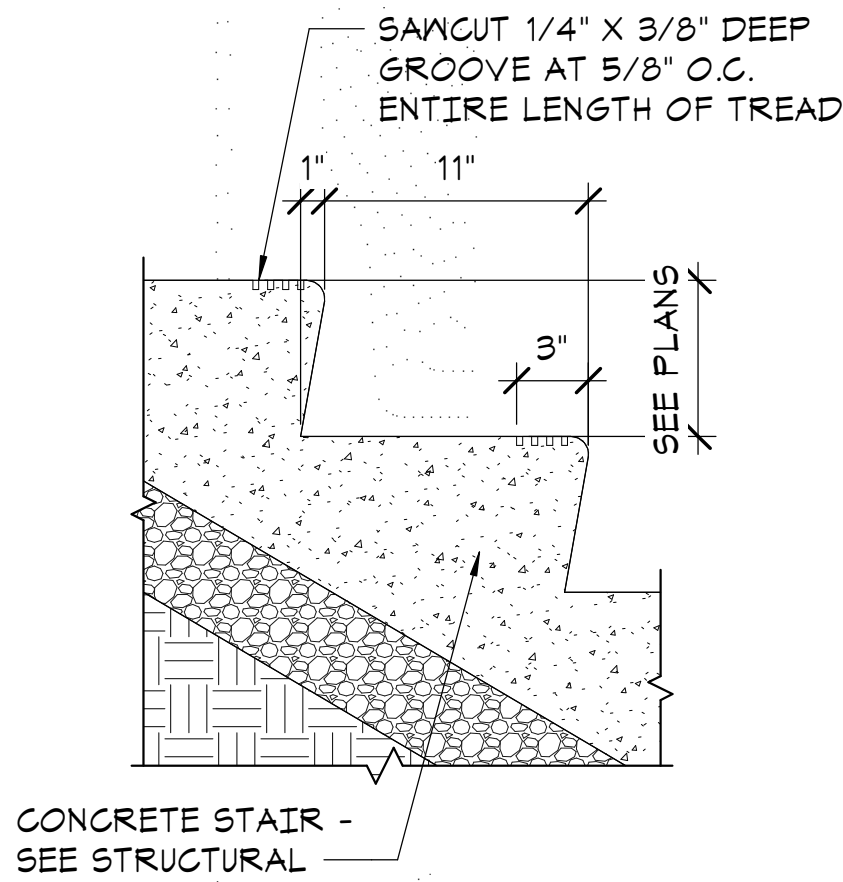
G1 SITE PLAN - Callout 1 - Callout 1

1" = 20'-0"



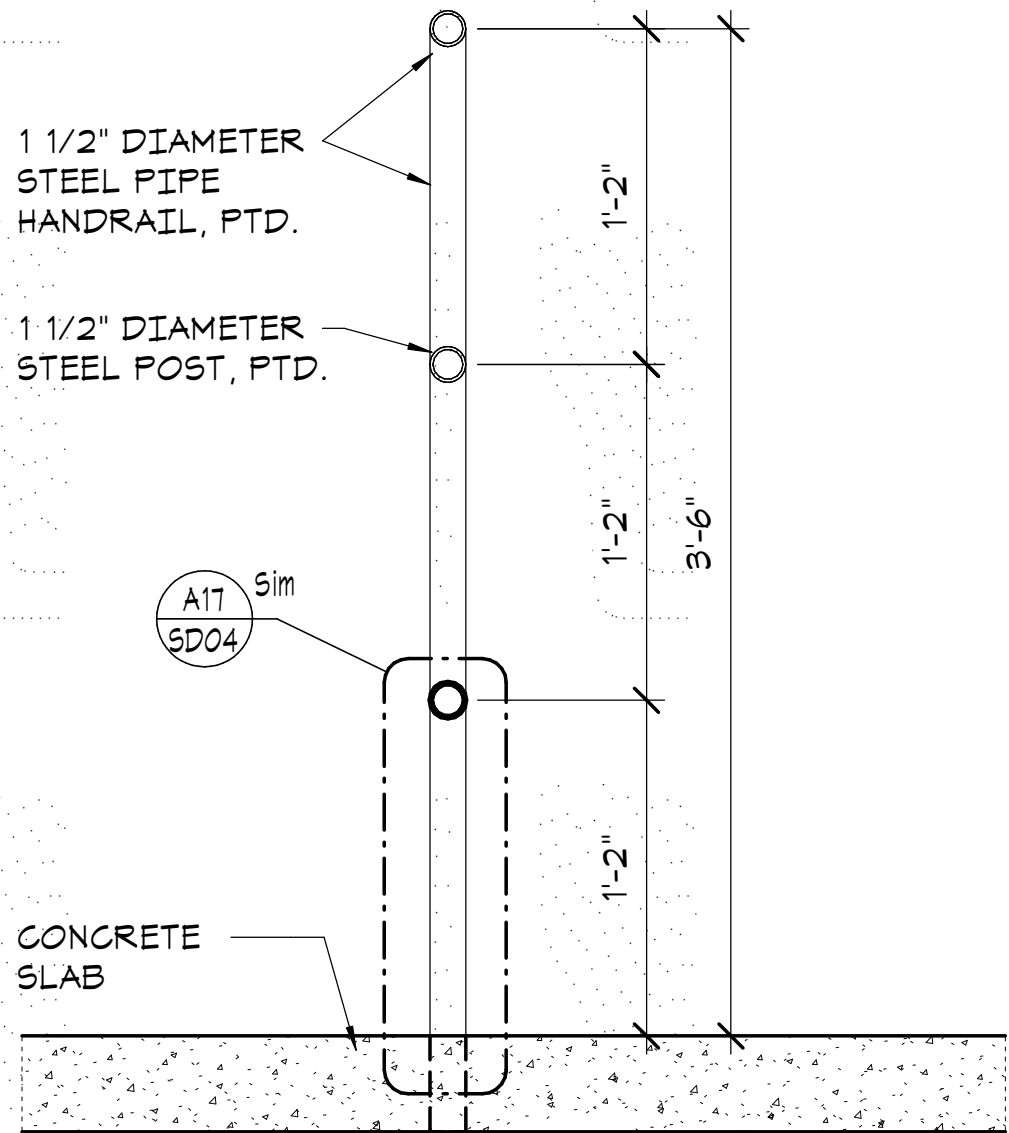
A1 SITE WALL (MAX. 2'-0" RETAINING)

3/4" = 1'-0"



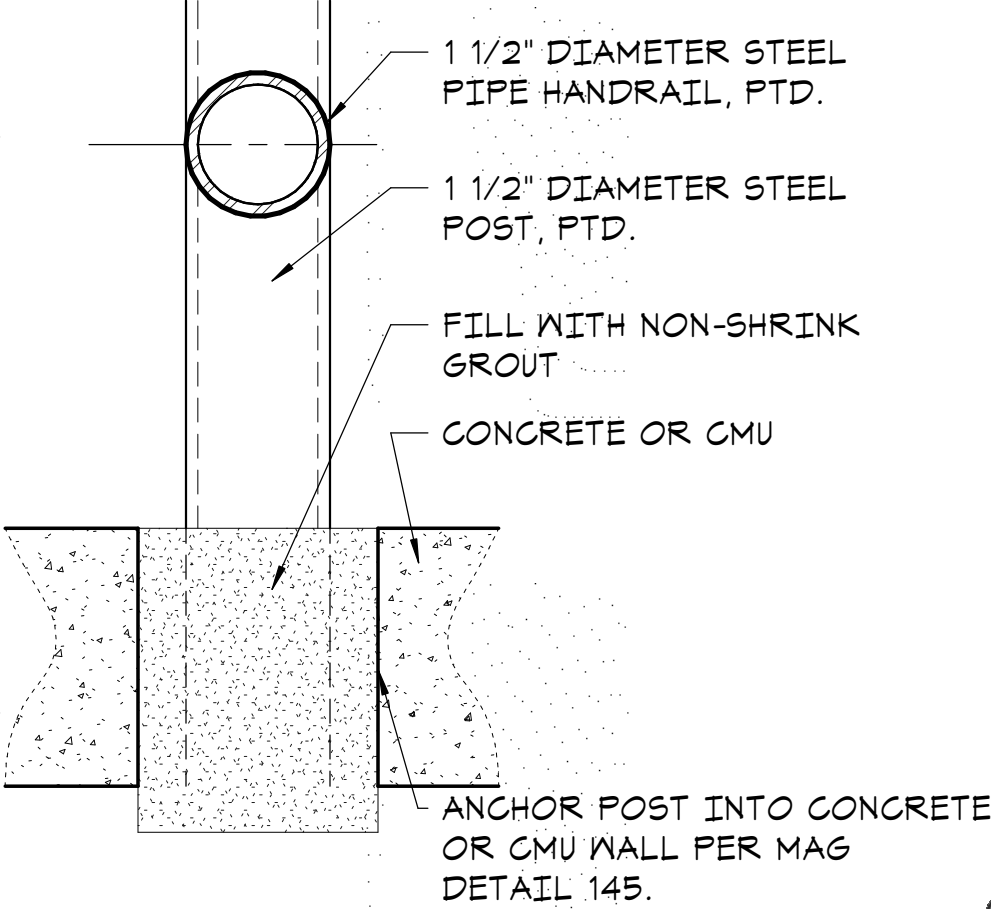
A13 STAIR NOSING

1 1/2" = 1'-0"



E17 RAILING SECTION

1 1/2" = 1'-0"



A17 STEEL POST @ SLAB

6" = 1'-0"

## KEYNOTES

1. NEW PAVING. SEE CIVIL DRAWINGS.
2. NEW DRAINAGE CHANNEL. SEE CIVIL DRAWINGS.
3. EXISTING STORM DRAIN CATCH BASIN TO REMAIN. CONTRACTOR TO CLEAN, FLUSH AND VERIFY ALL UNDERGROUND STORM DRAIN PIPING IS CLEAN/CLEAR, IN TACT AND FLOWING PROPERLY (WHOLE EXTENT OF PIPING RUNS). SEE CIVIL DRAWINGS.
4. CHAIN LINK FENCE TO REMAIN. PROTECT IN PLACE. PATCH AND REPAIR AS REQUIRED.
5. ADJUST, PATCH AND REPAIR TURF AND IRRIGATION AS REQUIRED FOR NEW IMPROVEMENTS. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY ALL UNDERGROUND ITEMS.

## GENERAL NOTES

- A. PERFORM FINISH GRADING AS REQUIRED TO PERMIT INSTALLATION OF WORK AS SHOWN ON DRAWINGS OR TO RETURN AREAS DISTURBED BY WORK TO CONDITIONS PRIOR TO WORK. AFTER FINAL CLEAN-UP OF EXTERIOR AND REMOVAL OF TRASH AND CONSTRUCTION DEBRIS, THE SITE SHALL BE GRADED TO SLOPES AND ELEVATIONS AS INDICATED ON THE DRAWINGS (OR TO MATCH EXISTING GRADES. ADDITIONAL MATERIAL REQUIRED FOR FINISH GRADING SHALL BE OF TOP SOIL QUALITY, PROVIDED, PLACED AND GRADED BY THE CONTRATOR. LAWN AREAS AROUND THE BUILDING, WALKS, PLAYCOURT AND PARKING LOT SHALL PROVIDE GOOD SLOPE DRAINAGE AWAY FROM BUILDINGS AND AREAS AS INDICATED. RAKE INDICATED SITE AND LAWN AREAS SMOOTH AND LEVEL TO A TOLERANCE OF PLUS OR MINUS 0.1 FOOT FROM ELEVATIONS INDICATED. ALL DIRT CLODS, ROCKS, ABC, ETC. SHALL BE REMOVED FROM LANDSCAPE AREAS PRIOR TO FINISH MATERIAL BEING INSTALLED.
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- C. REPLACE / REPAIR ANY LANDSCAPE IRRIGATION DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. SEE SPECIFICATIONS FOR REQUIREMENTS.

## REVISIONS / SUBMISSIONS

#

DATE

SNOWFLAKE UNIFIED SCHOOL DISTRICT

**SITE DRAINAGE IMPROVEMENTS**

**SNOWFLAKE JUNIOR HIGH SCHOOL**

1300 MAIN ST., SNOWFLAKE, AZ 85037

**EMC2**

Learning Places & Growing Spaces

1635 N Greenfield Rd, Suite 144, Mesa, AZ 85205 P 480.830.3838 www.emc2architects.com

DRAWING TITLE:

**ENLARGED SITE PLAN & DETAILS**

DESIGNED BY:

EMC2

DRAWN BY:

EMW

CHECKED BY:

EMC2

DATE:

8/22/2022

DATA FILE:

PROJECT NO.

12721816.00

SCALE:

As indicated

DRAWING NO.

**SD04**



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NOTE:  
AREA/EXTENT OF NEW SIDEWALK SHOWN IS  
CONCEPTUAL. CONTRACTOR TO FIELD VERIFY  
EXTENT OF NEW SIDEWALK TO MEET REQUIRED  
ELEVATIONS AND SLOPES WITH EXISTING  
CONDITIONS. CONTRACTOR TO SHOOT AND  
VERIFY EXISTING GRADES FOR WORK.

## KEYNOTES

1. NEW CONCRETE CURB. SEE CIVIL DRAWINGS.
2. NEW ASPHALT PAVING. SEE CIVIL PLANS.
3. PAINTED TRAFFIC STRIPING.
4. EXISTING SIDEWALK TO REMAIN.
5. EXISTING STORM DRAIN CATCH BASIN TO REMAIN. CONTRACTOR TO CLEAN, FLUSH AND VERIFY ALL UNDERGROUND STORM DRAIN PIPING IS CLEAN/CLEAR, IN TACT AND FLOWING PROPERLY (WHOLE EXTENT OF PIPING RUNS).
6. SMCUT AND REMOVE SIDEWALK TO PROVIDE NEW SIDEWALKS AND SLOPES AS SHOWN. FLUSH NEW SIDEWALKS TO EXISTING WALKS, CATCH BASINS, ETC.
7. SIDEWALK SCUPPER PER PAG DETAIL 204 (OR APPROVED EQUIVALENT).

## GENERAL NOTES

- A. PERFORM FINISH GRADING AS REQUIRED TO PERMIT INSTALLATION OF WORK AS SHOWN ON DRAWINGS OR TO RETURN AREAS DISTURBED BY WORK TO CONDITIONS PRIOR TO WORK. AFTER FINAL CLEAN-UP OF EXTERIOR AND REMOVAL OF TRASH AND CONSTRUCTION DEBRIS, THE SITE SHALL BE GRADED TO SLOPES AND ELEVATIONS AS INDICATED ON THE DRAWINGS (OR TO MATCH EXISTING GRADES. ADDITIONAL MATERIAL REQUIRED FOR FINISH GRADING SHALL BE OF TOP SOIL QUALITY, PROVIDED, PLACED AND GRADED BY THE CONTRATOR. LAWN AREAS AROUND THE BUILDING, WALKS, PLAYCOURT AND PARKING LOT SHALL PROVIDE GOOD SLOPE DRAINAGE AWAY FROM BUILDINGS AND AREAS AS INDICATED. RAKE INDICATED SITE AND LAWN AREAS SMOOTH AND LEVEL TO A TOLERANCE OF PLUS OR MINUS 0.1 FOOT FROM ELEVATIONS INDICATED. ALL DIRT CLODS, ROCKS, ABC, ETC. SHALL BE REMOVED FROM LANDSCAPE AREAS PRIOR TO FINISH MATERIAL BEING INSTALLED.
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- C. REPLACE / REPAIR ANY LANDSCAPE IRRIGATION DISTURBED BY WORK TO MATCH CONDITIONS PRIOR TO WORK. SEE SPECIFICATIONS FOR REQUIREMENTS.

#	REVISIONS / SUBMISSIONS	DATE

SNOWFLAKE UNIFIED SCHOOL DISTRICT  
**SITE DRAINAGE IMPROVEMENTS**  
**SNOWFLAKE JUNIOR HIGH SCHOOL**

1300 MAIN ST., SNOWFLAKE, AZ 86037



1635 N Greenfield Rd, Suite 144, Mesa, AZ 85205 P 480.830.3838 www.emc2architects.com

DRAWING TITLE:  
**ENLARGED SITE PLAN**

DESIGNED BY: EMC2	PROJECT NO. 12721816.00
DRAWN BY: EMW	SCALE: As indicated
CHECKED BY: EMC2	DRAWING NO.
DATE: 8/22/2022	<b>SD05</b>
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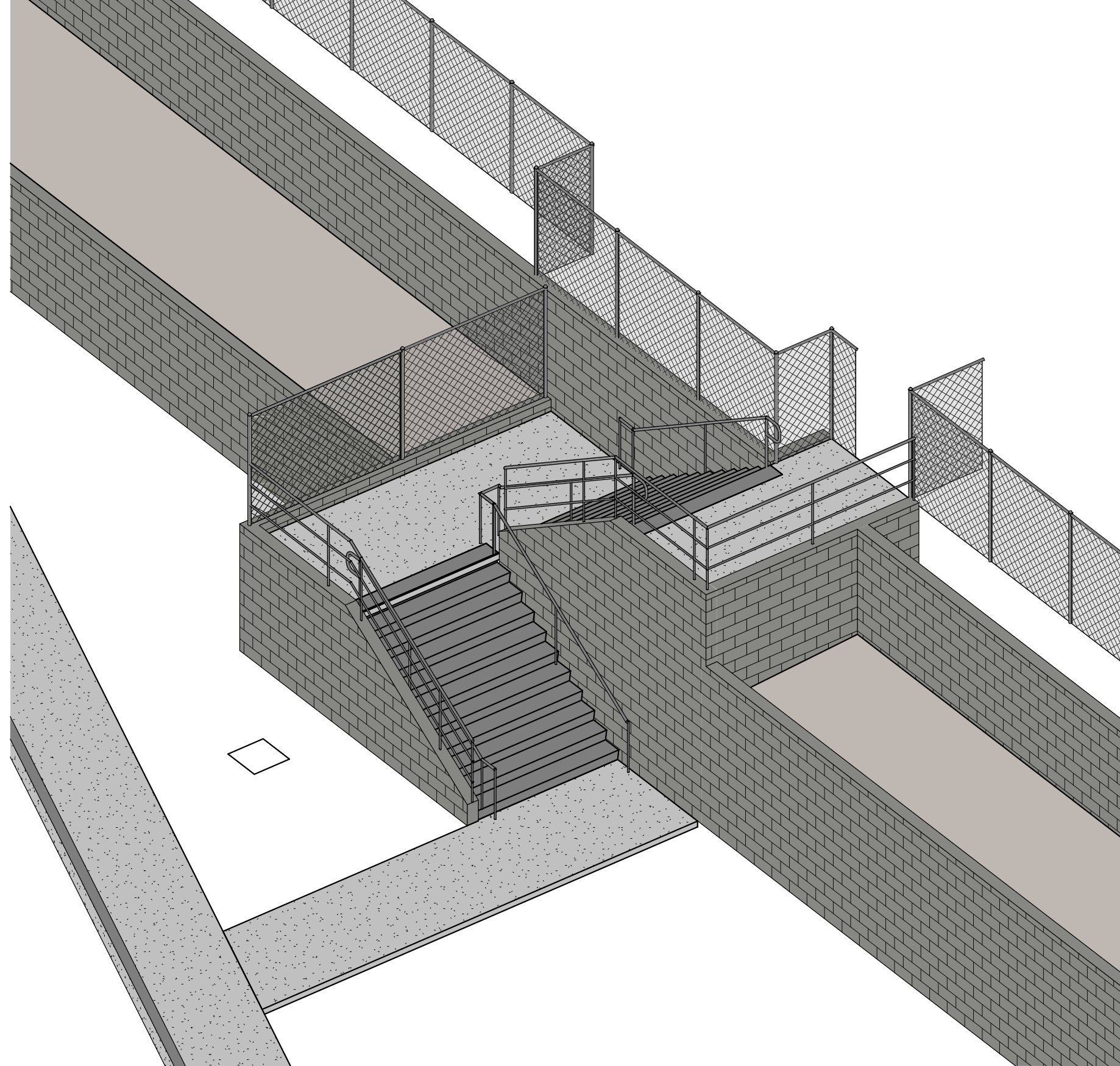
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RETAINING WALLS / STAIRS ISOMETRIC (REFERENCE ONLY)

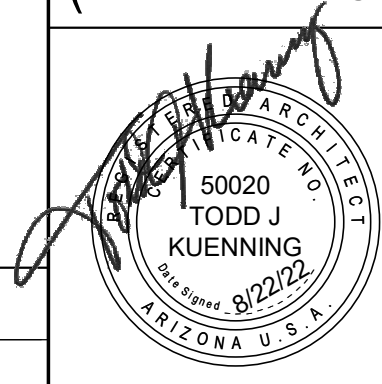
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K13

ENLARGED STAIRS ISOMETRIC



#	REVISIONS / SUBMISSIONS	DATE
SNOWFLAKE UNIFIED SCHOOL DISTRICT		
<b>SITE DRAINAGE IMPROVEMENTS</b>		
SNOWFLAKE JUNIOR HIGH SCHOOL		
1300 MAIN ST., SNOWFLAKE, AZ 86037		
 Learning Places & Growing Spaces		
1635 N Greenfield Rd, Suite 144, Mesa, AZ 85205 P 480.830.3838 www.emc2architects.com		
DRAWING TITLE: <b>RETAINING WALLS / STAIRS ISOMETRIC</b> <b>(REFERENCE ONLY)</b>		
DESIGNED BY: EMC2		PROJECT NO. 12721816.00
DRAWN BY: EMW		SCALE:
CHECKED BY: EMC2		DRAWING NO.
DATE: 8/22/2022		<b>SD06</b>
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# EMC2 ARCHITECTS & PLANNERS

## SITE DRAINAGE IMPROVEMENTS

## GRADING AND DRAINAGE



PROJECT LOCATION: 1380 Main Street  
Snowflake, Arizona 85937

CLIENT INFORMATION: Emc2 Architects & Planners  
1635 North Greenfield Road, #144  
Mesa, Arizona 85205

PROJECT NO: 180115-21004

CLIENT PROJECT NO: 180115-21004

PROJECT NOTES:

ISSUED:

Painted Sky Engineering and Surveying, LLC

176 North Main Street  
Snowflake, Arizona 85937  
PHONE: 928.537.7218

<http://www.paintedskyes.com>

VICINITY MAP:



### GENERAL

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND UNIFORM STANDARD DETAILS FOR PUBLIC WORKS CONSTRUCTION, AS APPLICABLE. ALL THE STANDARD DETAILS AND SPECIFICATIONS HAVE BEEN REVIEWED AND THEY MEET MINIMUM DESIGN REQUIREMENTS OF THE MAG STANDARD DETAILS AND SPECIFICATIONS.
2. STANDARD DETAILS REFER TO THE MAG STANDARD DETAILS OR SUPPLEMENTAL SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION UNLESS OTHERWISE NOTED OR MODIFIED ON PLANS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THEIR RESPECTIVE AGENCIES.
4. THE CONTRACTOR SHALL COMPLY TO ALL APPLICABLE LOCAL, STATE, AND NATIONAL SAFETY CODES, RULES AND REGULATIONS, AND REQUIREMENTS SHALL BE OBSERVED AND COMPLIED TO AT ALL TIMES DURING CONSTRUCTION.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND LEGAL DISPOSAL OF ALL WASTE MATERIAL AND CONSTRUCTION DEBRIS SUCH AS OLD CULVERTS, BROKEN CONCRETE, ETC.
6. PRIOR TO BIDDING THE WORK, THE CONTRACTOR SHALL THOROUGHLY SATISFY HIMSELF AS TO THE ACTUAL CONDITIONS AND REQUIREMENTS OF THE WORK.
7. ALL EXISTING UTILITY LINES SHOWN ON THE PLANS ARE FROM AVAILABLE UTILITY RECORDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETERMINING AND VERIFICATION OF ACTUAL FIELD LOCATIONS OF PUBLIC UTILITIES BEFORE STARTING CONSTRUCTION. CALL BLUESTAKE AT 1-602-263-1100 OR 1-800-STAKE-IT.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND PIPELINES, UTILITIES AND STRUCTURES IN ADVANCE OF CONSTRUCTION AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO RETAIN, PROTECT, AND AVOID DAMAGE TO SUCH. THE ENGINEER AND/OR OWNER WILL NOT GUARANTEE ANY LOCATIONS SHOWN ON THE PLANS, OR THOSE OMITTED. POTHOLE PER BLUESTAKE.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE REMOVAL, CONNECTION TIE-INS AND/OR REPLACEMENT OF ALL EXISTING UTILITIES WITH THE RESPECTIVE UTILITY COMPANY(S).
10. ALL CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS, CONTRACT DOCUMENTS, AND PLANS.
11. ANY FUTURE IMPROVEMENTS SHOWN HEREON SHALL REQUIRE A SEPARATE PERMIT.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION OF EROSION PROTECTION PLAN AND IMPLEMENT SAID PLAN FOR THE PROTECTION OF SITE AND ADJACENT PROPERTIES DURING CONSTRUCTION. THE EROSION PROTECTION PLAN IS SUBJECT TO APPROVAL OF ENGINEER. ANY POINTS OF DRAINAGE CONCENTRATION SHALL BE PROTECTED AGAINST EROSION AND SILT. AZPDDES IS REQUIRED.
13. ANY WORK AND MATERIAL NOT IN CONFORMANCE WITH THE PLANS AND SPECIFICATIONS IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
14. ALL EXISTING AND NEW FRAMES, COVERS, VALVE BOXES AND WATER METER BOXES SHALL BE ADJUSTED TO FINISH GRADE BY CONTRACTOR PER MAG SPECIFICATIONS, SECTION 345 SUPPLEMENTAL SPECIFICATIONS.
15. THE CONTRACTOR SHALL KEEP SUITABLE EQUIPMENT ON-HAND AT THE JOB SITE FOR MAINTAINING DUST CONTROL AND SHALL CONTROL DUST AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
16. NO JOB WILL BE CONSIDERED COMPLETE UNTIL ALL CLEANUP IS COMPLETED, INCLUDING, BUT NOT LIMITED TO, CURBS, PAVEMENTS AND SIDEWALKS SWEEPED CLEAN OF ALL DIRT AND DEBRIS.
17. SHOULD THE CONTRACTOR ENCOUNTER, DURING HIS OPERATIONS, ANY ARCHEOLOGICAL OF HISTORICAL FINDINGS, HE SHALL IMMEDIATELY CEASE OPERATIONS IN THE LOCATION AND NOTIFY THE OWNER.
18. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ENGINEER OF ANY DISCREPANCIES, CONFLICTS, ETC. FOUND WITHIN THIS DRAWING SET, APPLICABLE SPECIFICATIONS, AND DETAILS.

### GRADING, CLEARING, EARTHWORK

1. ALL EARTHWORK SHALL BE CONDUCTED IN ACCORDANCE WITH STANDARD CURRENT MAG SPECIFICATIONS, PART 200 OR AS SPECIFIED ON PLANS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL NECESSARY CLEARING, STRIPPING, GRUBBING, AND TREE REMOVAL WITHIN AREAS OF NEW IMPROVEMENTS. ALL CLEARING AND WASTE MATERIAL SHALL BE REMOVED FROM SITE AT CONTRACTORS EXPENSE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION OF QUANTITIES OF MATERIAL TO BE REMOVED, SUCH AS TREES AND STUMPS.
3. AREAS UNDERLYING STRUCTURAL IMPROVEMENTS, INCLUDED, BUT NOT LIMITED TO, PAVEMENT, NEW BUILDING, CURB, AND ALL TREES AND NATURAL VEGETATION OUTSIDE OF CLEARING LIMITS SHALL BE RETAINED AND PROTECTED. SIDEWALK SHALL BE STRIPPED OF 6 INCHES EXISTING MATERIAL OR AS DETERMINED BY THE ENGINEER.

### SUBGRADE PREPARATION

1. ALL SUBGRADE SHALL BE PREPARED IN ACCORDANCE WITH MAG SPECIFICATIONS, SECTION 301, BEFORE APPLICATION OF BASE COURSE.
2. THE TOP 9" OF EXISTING SUBGRADE SHALL BE SCARIFIED, MOISTENED, SHAPED, AND RECOMPACTED TO 95% OF ASTM D698.
3. FILL SHALL BE PLACED IN LIFTS NO GREATER THAN 8" LOOSE THICKNESS AND COMPACTED TO 95% OF ASTM D698 AND PER DIRECTION OF GEOTECHNICAL ENGINEERING REPORT FOR THE PROJECT

### AGGREGATE BASE COURSE

1. ALL BASE COURSE MATERIAL SHALL BE PLACED IN ACCORDANCE WITH MAG SPECIFICATIONS SECTION 310 OR ADOT CLASS II PER SECTION 303.
2. MATERIAL SHALL BE AGGREGATE BASE CONFORMING TO MAG SPECIFICATIONS SECTION 702 OR ADOT CLASS II PER SECTION 303 AND SHALL BE COMPACTED TO 100% MAXIMUM DENSITY PER ASTM D698.
3. ALL BASE COURSE MATERIAL SHALL BE OF THE CRUSHED AGGREGATE TYPE.

### DRAINAGE/STORMWATER

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARATION AND SUBMITTAL OF A STORMWATER POLLUTION PREVENTION PLAN TO ALL APPROPRIATE GOVERNING AGENCIES. CONTRACTOR TO PROVIDE NOTICE OF INTENT TO TOWN OF SNOWFLAKE PRIOR TO CONSTRUCTION.

### UNDERGROUND UTILITY STATEMENT

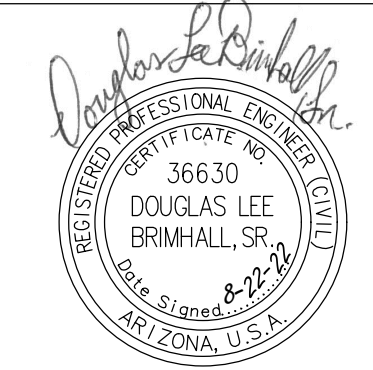
THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND OF CONSTRUCTION AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID DAMAGE TO SUCH. THE ENGINEER AND/OR OWNER WILL NOT GUARANTEE ANY LOCATIONS SHOWN ON THE PLANS, OR THOSE OMITTED.

### SHEET INDEX

G-500	COVER SHEET &NOTES
C-101	DEMOLITION PLAN
C-102	GRADING AND DRAINAGE PLAN
C-103	GRADING AND DRAINAGE PLAN

### PAVEMENT

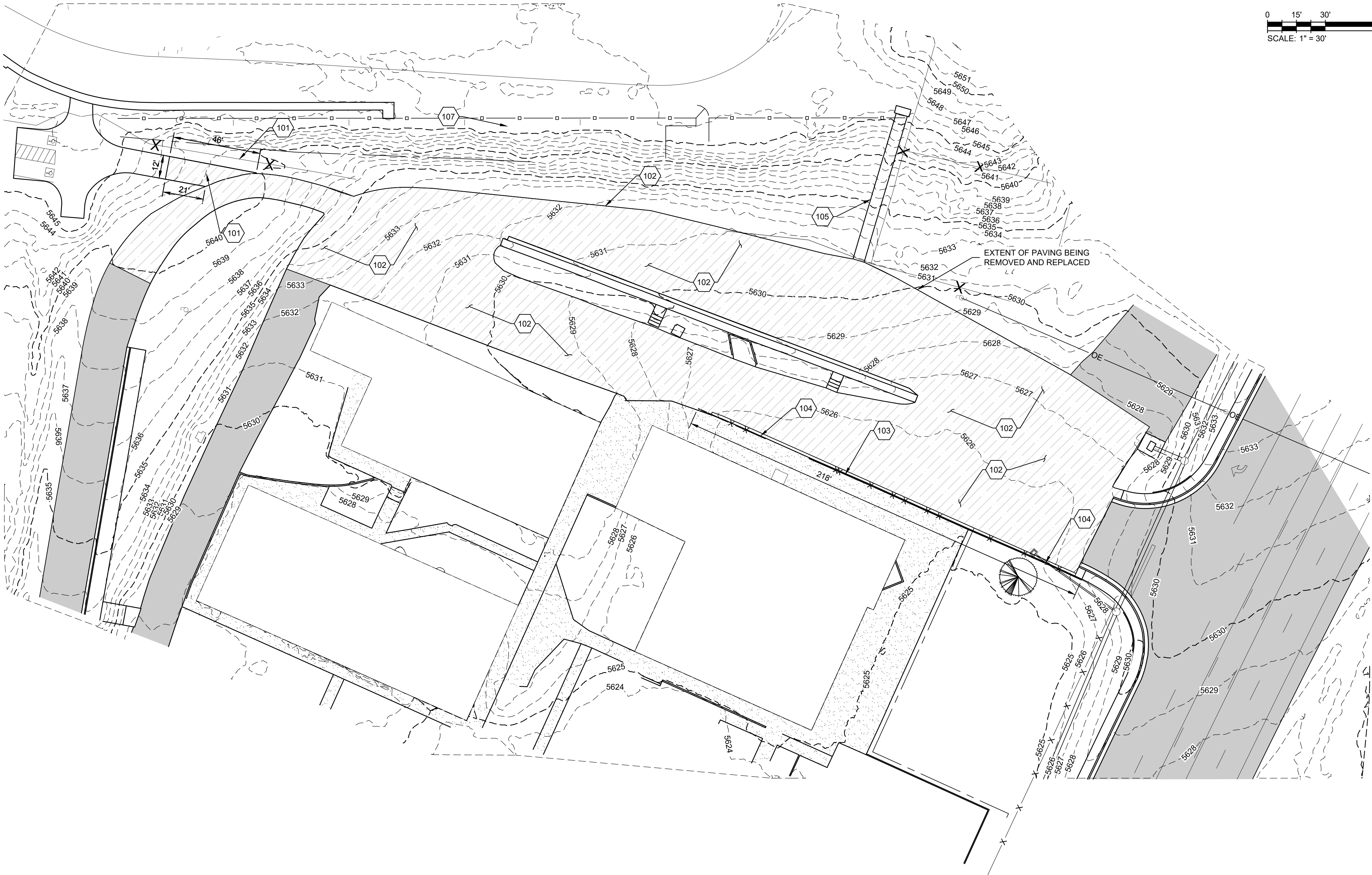
1. ALL PLACEMENT OR REPLACEMENT OF ASPHALT CONCRETE PAVEMENT SHALL BE IN ACCORDANCE WITH MAG SPECIFICATIONS SECTION 321.
2. MATERIAL AND MANUFACTURER SHALL CONFORM WITH MAG SPECIFICATION SECTION 710 OR ADOT SPECIFICATION SECTION 409. ASPHALT MIX GRADATION SHALL BE 3/4".
3. ASPHALT CONCRETE SHALL BE PLACED ONLY WHEN BASE COURSE SURFACE IS APPROVED AND ACCEPTED BY THE ENGINEER AND WHEN THE ATMOSPHERIC TEMPERATURE IN THE SHADE IS 40 DEGREES F. AND RISING.
4. EXACT POINT OF MATCHING, TERMINATION AND OVERLAY, IF NECESSARY, MAY BE DETERMINED IN THE FIELD AS DIRECTED BY THE ENGINEER.
5. ASPHALT JOB MIX SHALL BE SUBMITTED TO THE ENGINEER 2 WEEKS PRIOR TO PLACEMENT AND APPROVED BY THE ENGINEER.
6. AC SHALL BE PAVING GRADE 64-22-5.0% MIN ASPHALT QUANTITY- 19 MM (3/4") AGGREGATE.
7. PRESERVATIVE SEAL ON STREETS CLASSIFIED AS RESIDENTIAL AND LOCAL COLLECTOR SHALL BE IN ACCORDANCE WITH MAG SECTION 718. POLYMER MODIFIED TYPE 'D'. AT THE TOWN'S DISCRETION, CASH-IN-LIEU OF THE INSTALLATION OF THE PRESERVATIVE SEAL MAY BE REQUIRED. THIS COST WILL BE ESTIMATED BASED ON THE PAVED AREA MULTIPLIED BY A FAIR MARKET UNIT COST.





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DEMOLITION NOTES		
NO.	DESCRIPTION	EST. QTY. THIS SHEET
101	REMOVE 6-FOOT CHAIN LINK FENCE	141 LF
102	SAWCUT & REMOVE EXISTING ASPHALT	4,518.42 SY
103	REMOVE EXISTING CONCRETE CURB	155 LF
104	REMOVE 4-FOOT CHAIN LINK FENCE	178 LF
105	REMOVE CONCRETE STEPS & HAND RAIL	1 LS



MARK	DATE	DESCRIPTION	BY
1	07/18/22	REVISED PER ARCHITECT'S COMMENTS	JDFC

Emc2 Architects & Planners Snowflake, Arizona	<b>DEMOLITION PLAN</b>
SNOWFLAKE JR. HIGH SCHOOL SITE DRAINAGE IMPROVEMENTS	

Project No.:	180115-21004
Designed By:	WWF
Drawn By:	JDFC
Checked By:	DLB

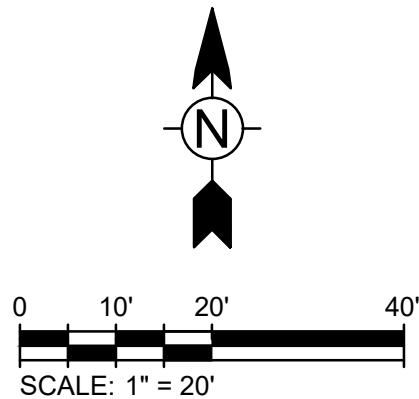
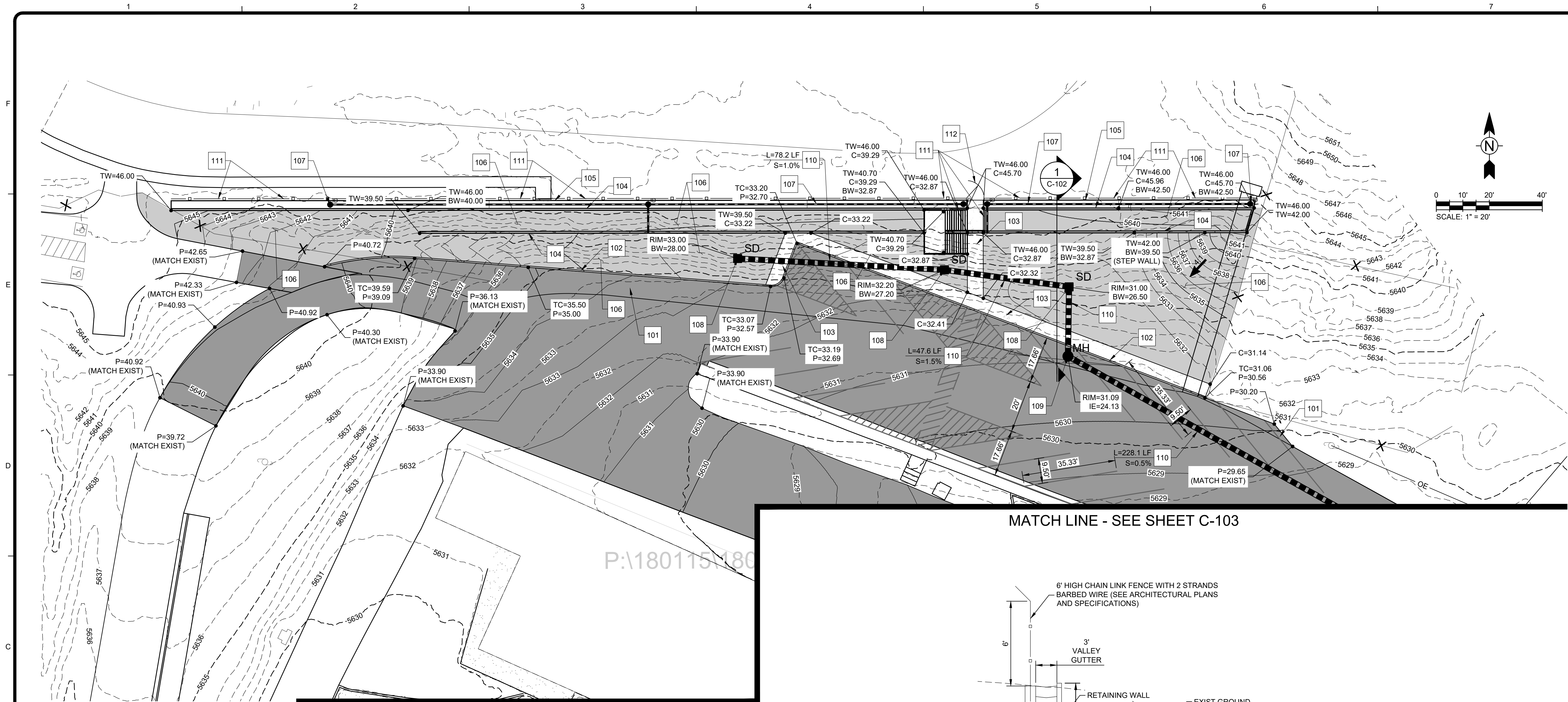
**PAINTED SKY**  
Engineering & Surveying, LLC  
http://www.paintedskys.com

REGISTERED PROFESSIONAL ENGINEER  
36630  
DOUGLAS LEE BRIMHALL, SE  
State of Arizona  
8-22-23

176 N. Main Street  
Snowflake, AZ 85937  
PHONE: (928) 537-7218

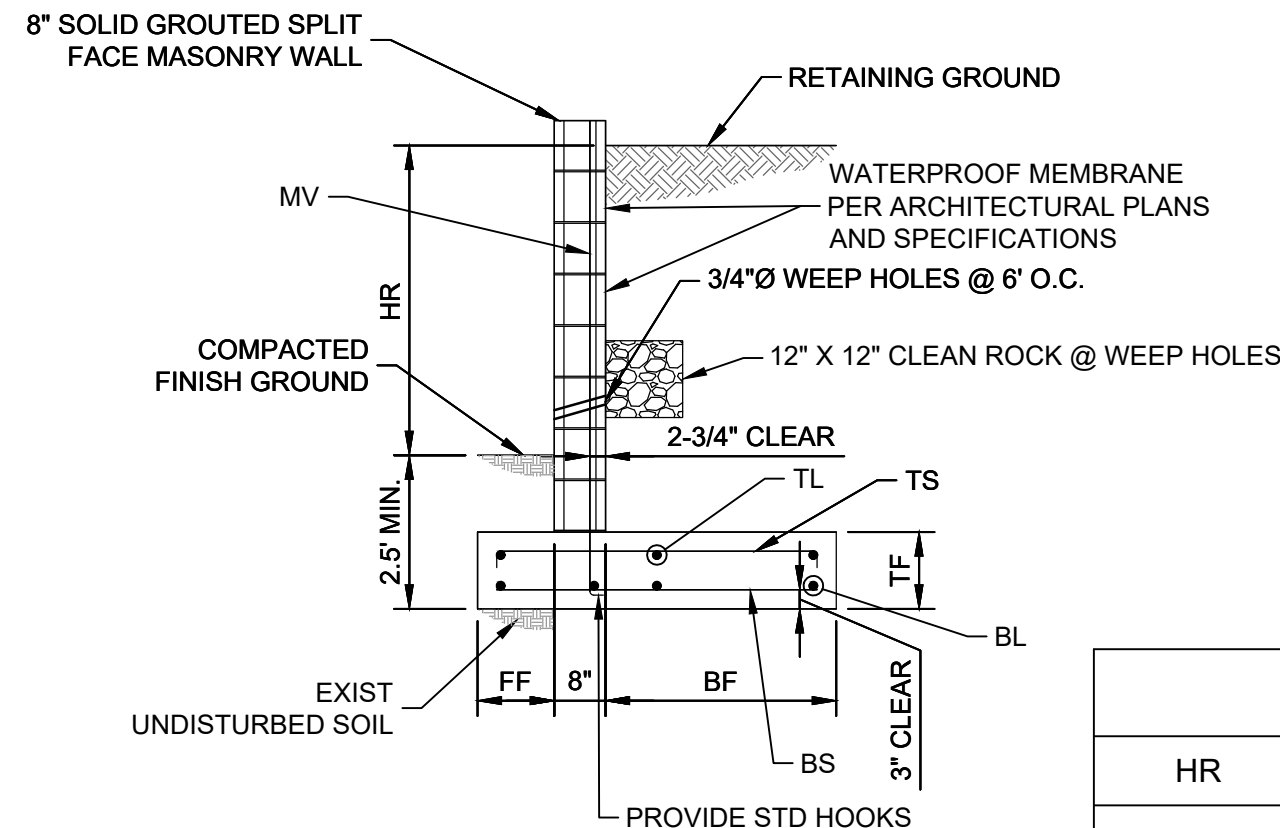


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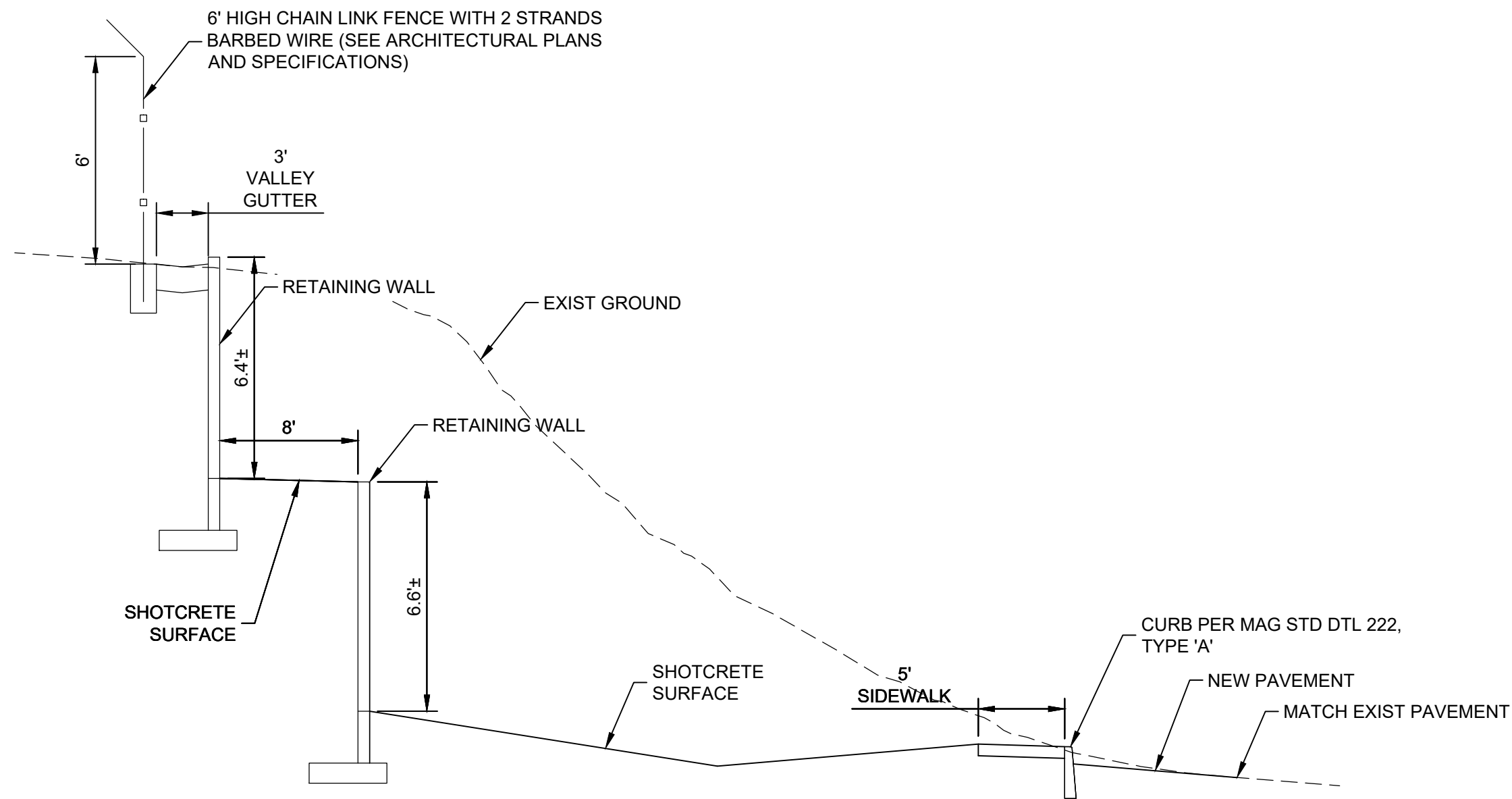


CONSTRUCTION NOTES		
NO.	DESCRIPTION	EST. QTY. THIS SHEET
101	4" ASPHALTIC CONCRETE PAVEMENT 8" AGGREGATE BASE COURSE	4,476.23 SY
102	SINGLE CURB PER MAG STD DTL 222, TYPE 'A'	350 LF
103	5' SIDEWALK PER MAG STD DTL 230	1,067 SF
104	RETAINING WALL PER DETAIL THIS SHEET	707 LF
105	VALLEY GUTTER PER MAG STD DTL 240, MODIFIED TO 3-FOOT WIDTH	1,209 SF
106	SHOTCRETE GRADED AREA FOR SLOPE PROTECTION, FINISH TO MATCH EXIST SITE	1,169 SY
107	INSTALL "NDS" TYPE DRAINAGE SYSTEM WITH 6-INCH CATCH BASINS (5 EA) AND 6-INCH PIPING. OUTLET PIPING AT BASE OF WALL WITH A GRATE/SCREEN ON OUTLET (2 PLACES).	1 LS
108	INSTALL CATCH BASIN TYPE 'F' PER MAG STD DTL 535 PER RIM & INVERTS INDICATED	2 EA
109	48"Ø STORM DRAIN MANHOLE PER MAG STD DTL 520 & 522 PER RIM & INVERT INDICATED	1 EA
110	INSTALL 24-INCH CORRUGATE METAL PIPE AT SLOPE INDICATED ON PLAN	260 LF
111	INSTALL 6 FOOT CHAIN LINK FENCE WITH 2 STRANDS BARBED WIRE (SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS)	450 LF
112	INSTALL 6 FOOT CHAIN LINK FENCE GATE (SEE ARCHITECTURAL PLANS FOR SPECIFICATIONS)	1 EA

**NOTE:**  
WEEP HOLE OPENINGS REQUIRED IN WALLS OF  
STAIRCASE CONSTRUCTION IN ORDER TO  
ADEQUATELY DRAIN WALKWAYS.



**RETAINING WALL DETAIL**  
SCALE: N.T.S.



**1 CROSS-SECTION**  
C-102 SCALE: N.T.S.

RETAINING WALL SCHEDULE								
HR	FF	TF	BF	MV	TL	TS	BL	BS
0" - 2'	1'-0"	1'-0"	1'-0"	#4 @ 32" O.C.	(3) #4 CONT.	#5 @ 48" O.C.	(3) #4 CONT.	#5 @ 48" O.C.
2'-1" - 4'	1'-6"	1'-2"	1'-4"	#5 @ 24" O.C.	(4) #5 CONT.	#5 @ 12" O.C.	(4) #5 CONT.	#5 @ 12" O.C.
4'-1" - 6'-6"	1'-6"	1'-2"	2'-10"	#5 @ 8" O.C.	(5) #5 CONT.	#5 @ 12" O.C.	(5) #5 CONT.	#5 @ 12" O.C.

176 N. Main Street  
Snowflake, AZ 85937  
PHONE: (928) 537-7218  
http://www.paintedskys.com

REGISTERED PROFESSIONAL ENGINEER  
36630  
DOUGLAS LEE BRIMHALL, SE  
State of Arizona  
8-22-23

BY	DESCRIPTION	DATE	MARK
JDFC	REVISED PER ARCHITECT'S COMMENTS	07/18/22	1

Emc2 Architects & Planners  
Snowflake, Arizona

**SNOWFLAKE JR. HIGH SCHOOL  
SITE DRAINAGE IMPROVEMENTS**

**GRADING & DRAINAGE  
PLAN**

Project No.: 180115-21004

Designed By: WWF

Drawn By: JDFC

Checked By: DLB

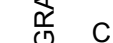
**C-102**

Sheet 2

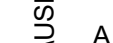
Bar Measures 1 inch



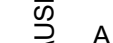
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