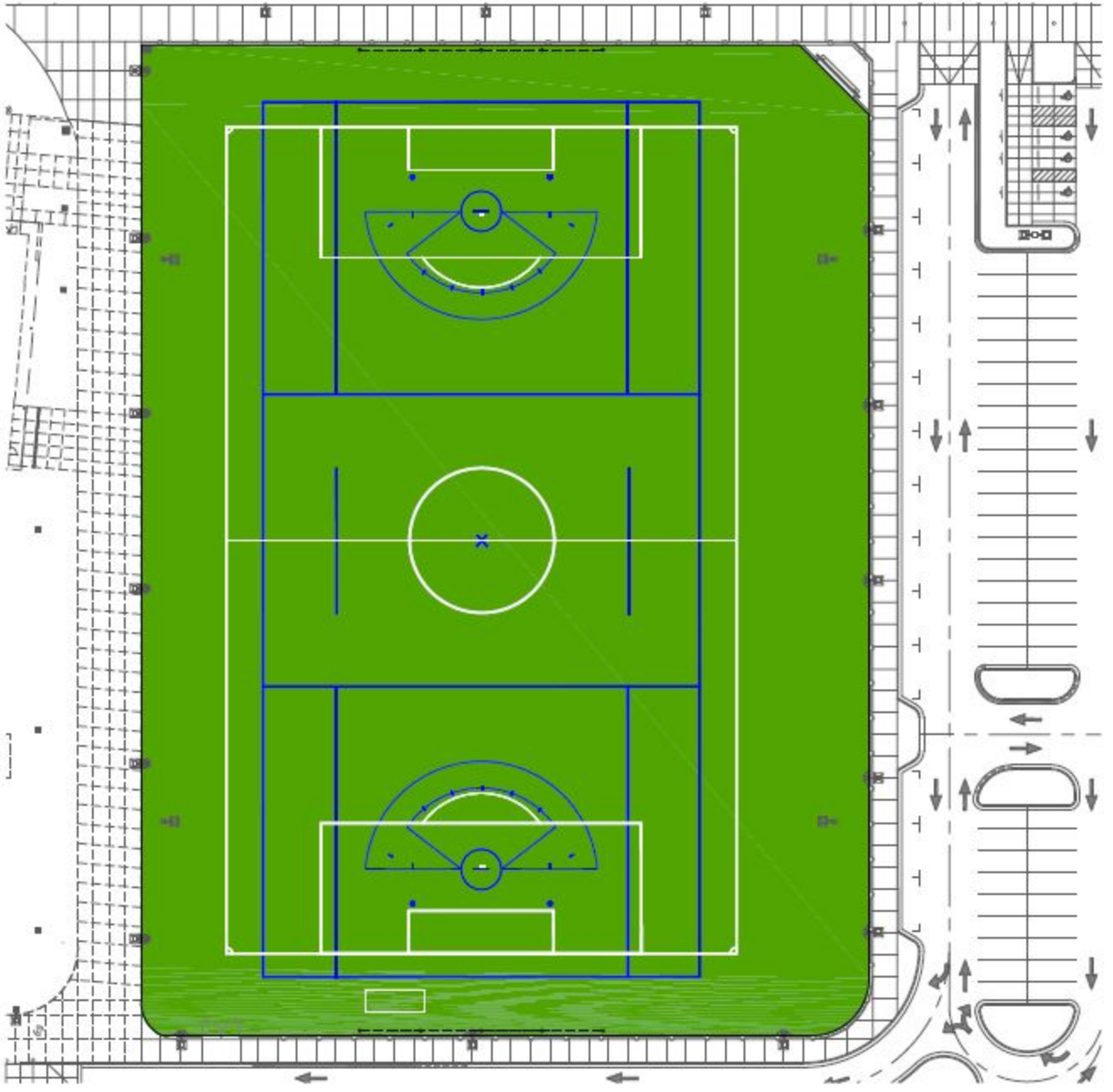


COLOR LIST:

SOCCER LINE COLOR: WHITE
(PER NFHS SOCCER RULES)

LACROSSE COLOR: BLUE
(PER NFHS LIMITED LACROSSE RULES)

FIELD COLOR:
GREEN

GRAPHICS GENERAL NOTES:

1. GENERAL CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF THE BASE IN THE TURF AREAS AND FOR COORDINATION WITH THE TURF INSTALLER'S WORK. TURF INSTALLER MUST SUBMIT COMPLETE SHOP DRAWINGS AND COLOR SAMPLES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION OF SYNTHETIC TURF. SUBMITTALS FOR SHOP DRAWINGS AND COLOR SAMPLES MUST BE IN ACCORDANCE WITH THE SPECIFICATIONS.
2. THE OWNER (OR ITS REPRESENTATIVE) MUST REVIEW AND APPROVE THE FONTS USED FOR YARD LINE NUMBERING, END ZONE LETTERING PRIOR TO INSTALLATION OF THE SYNTHETIC TURF.
3. CONTRACTOR MAY USE THEIR STANDARD COLOR PALETTE, HOWEVER, IF THEIR STANDARD COLORS ARE NOT CONSISTENT WITH THIS DRAWING AND DISTRICT EXPECTATIONS, THEN CUSTOM COLORS SHALL BE PROVIDED. CONTRACTOR MAY SUBMIT COLOR SWATCHES DURING OR WITH THEIR BID FOR REVIEW BY THE SCHOOL DISTRICT.

LEGEND:

NEW SYNTHETIC TURF PLAYING FIELD

SCALE: 1" = 20'

E D A

[A] The Boston Building
9 Exchange Place, Suite 700
Salt Lake City, Utah 84111

[O] 801 328 7900

[E] info@lloydsports.com

[W] www.lloydsports.com

PROJECT ENGINEER: ARE

LLOYD SPORTS + ENGINEERING

7349 S. VIA PASEO DEL SUR
SUITE 519-324
SCOTTSDALE, ARIZONA 85258
PH: 602.205.4013

WATERFORD SCHOOL
SPORTS FIELD AND
PARKING

1488 E 8488 S
SANDY, UT 84093

PROJECT NUMBER: 210131

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	3/28/2023

GRAPHICS
PLAN

PF6.0

2023

811
CALL BLUESTAKES
811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION

BENCHMARK
NORTH QUARTER CORNER OF SECTION 2, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN
ELEVATION = 4726.42

9400 SOUTH STREET
(PAVED PUBLIC RIGHT OF WAY, WIDTH VARIES)

CONNECTION TO PUBLIC ROAD (1300 EAST STREET)

FIRE TRUCK TRAVEL PATH (TYP.)

EXIST. BUILDING

SHOSHONE COURT

SHOSHONE AVENUE
(PAVED PUBLIC RIGHT OF WAY)

PROPOSED TURF FIELD, DESIGN BY OTHERS

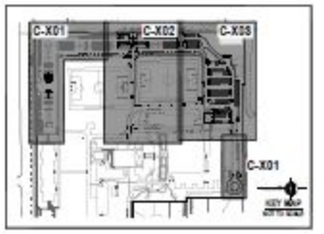
1300 EAST STREET
(PAVED PUBLIC RIGHT OF WAY)

CONNECTION TO PUBLIC ROAD (1300 EAST STREET)

GENERAL NOTES

1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND PER2 MARKINGS/SIGNS.
3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OF STAKING BEFORE PLACING CONCRETE OR ASPHALT.
7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

* SEE ARCHITECTURAL DRAWINGS AND FOR PROJECT NOTES.



WATERFORD EAST PARKING LOT DATA TABLE	
TOTAL EXISTING STALLS	344
EXIST. ADA STALLS	8
EXIST. ADA STALLS TO BE REMOVED	0
TOTAL STALLS TO BE REMOVED	74
PROPOSED STANDARD STALLS	296
PROPOSED ADA STALLS	12
TOTAL STALLS	526 (INC. 16 ADA)

HORIZONTAL GRAPHIC SCALE

E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111
[T] 801.521.7900
[E] info@edaweb.com
[W] www.edaweb.com

PROJECT ARCHITECT JH
PROJECT MANAGER KL

MICHAEL S. KUDERA
No. 9120581-2202
STATE OF UTAH

ENSIGN
THE STANDARD IN ENGINEERING
SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529
www.ensignens.com

ENSIGN PROJECT #10851B

WATERFORD SCHOOL PARKING ADDITION

1460 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

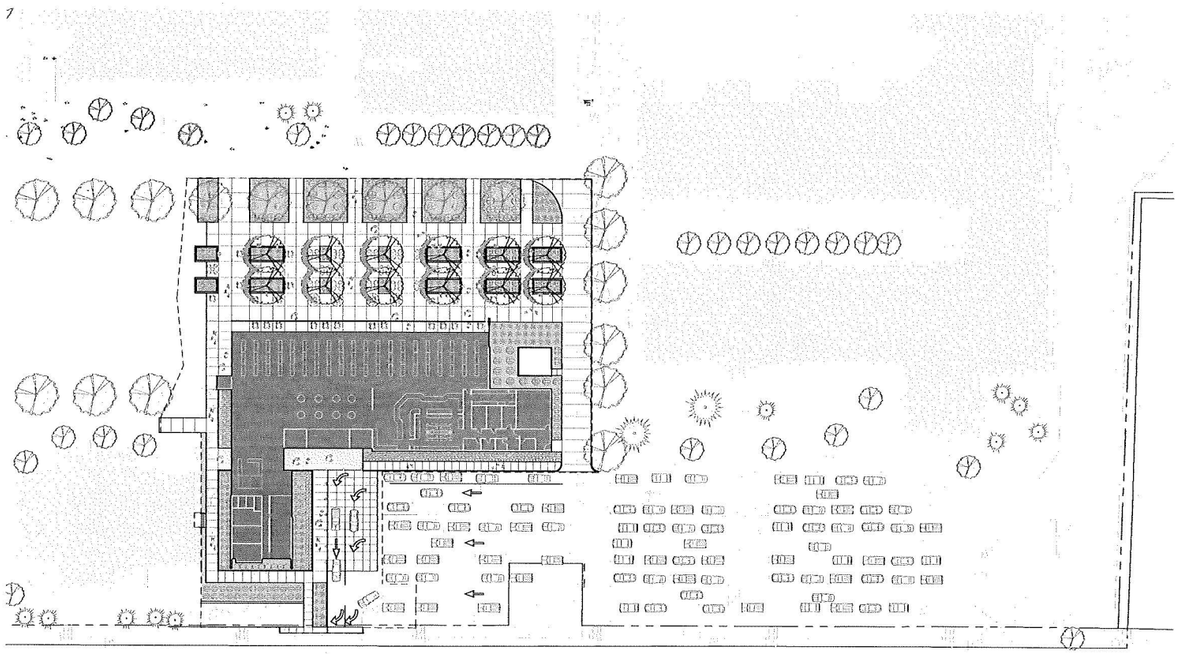
#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/26/2023

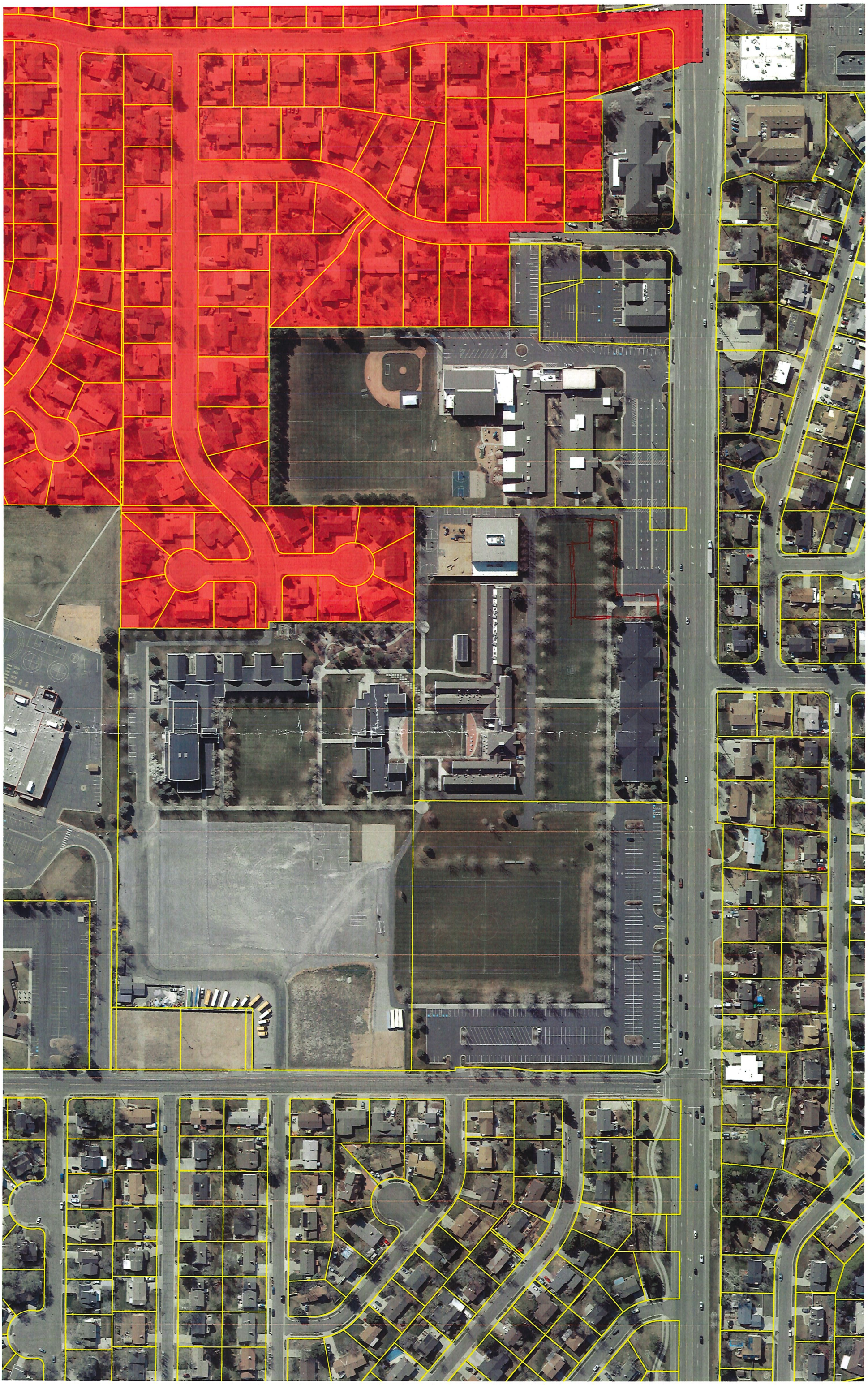
OVERALL SITE PLAN

C-200

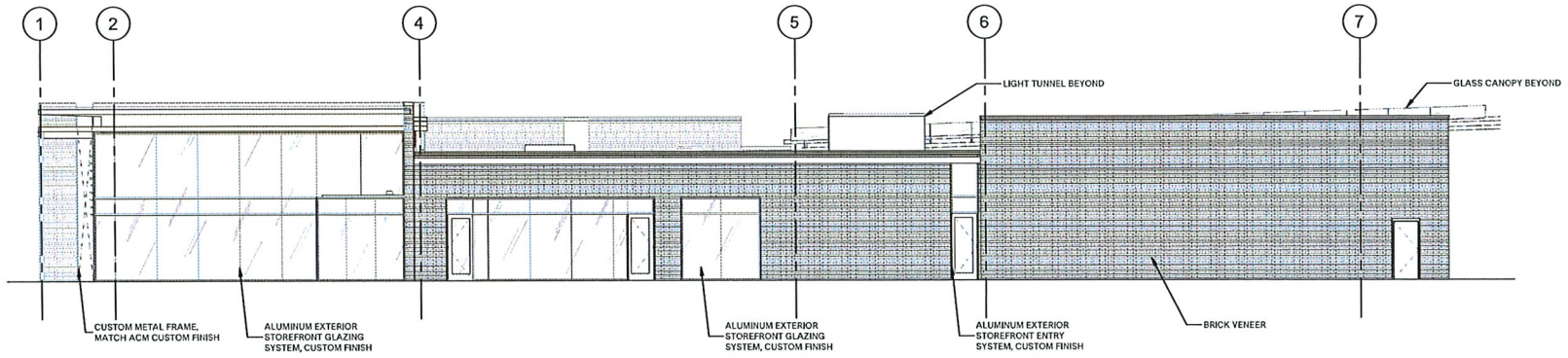
2023 © EDA

7

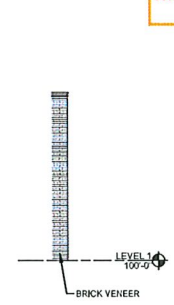




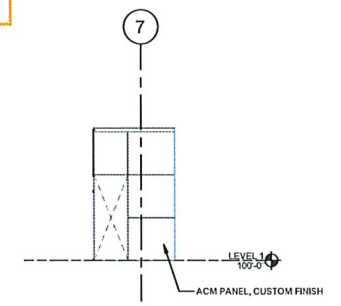
Please show RTU's dashed in behind the parapet on building elevations and colored renderings.



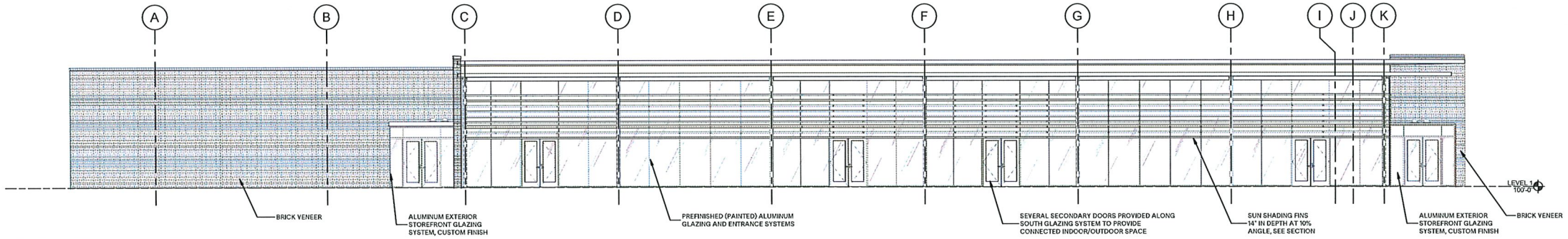
9 EAST OVERALL BUILDING ELEVATION
1/8" = 1'-0"



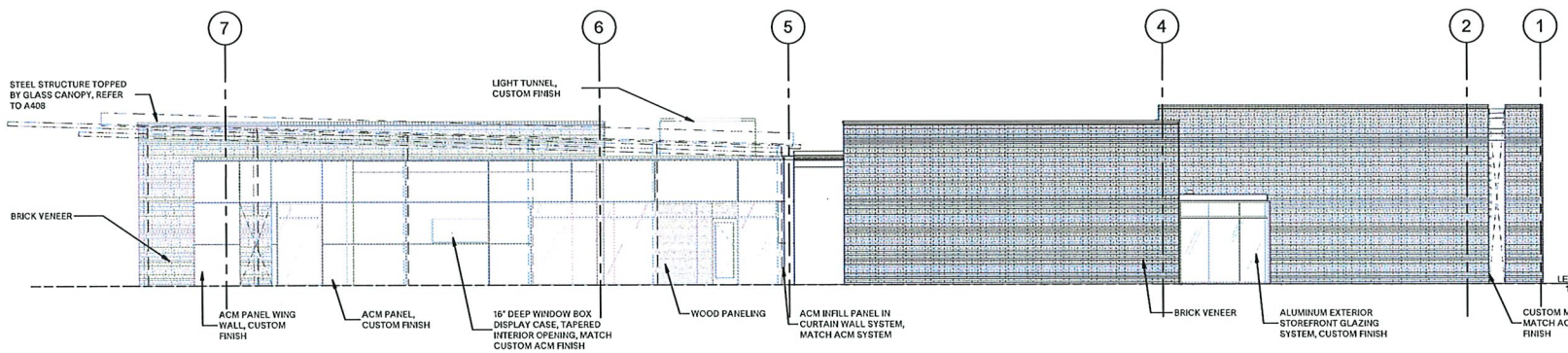
8 SOUTH ELEVATION BUMP OUT
1/8" = 1'-0"



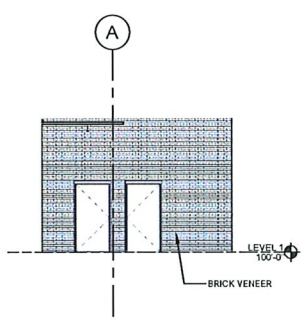
7 EAST ELEVATION - MAIN ENTRANCE
1/8" = 1'-0"



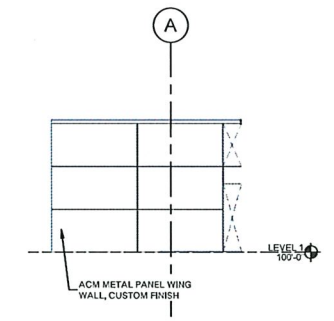
6 SOUTH OVERALL BUILDING ELEVATION
1/8" = 1'-0"



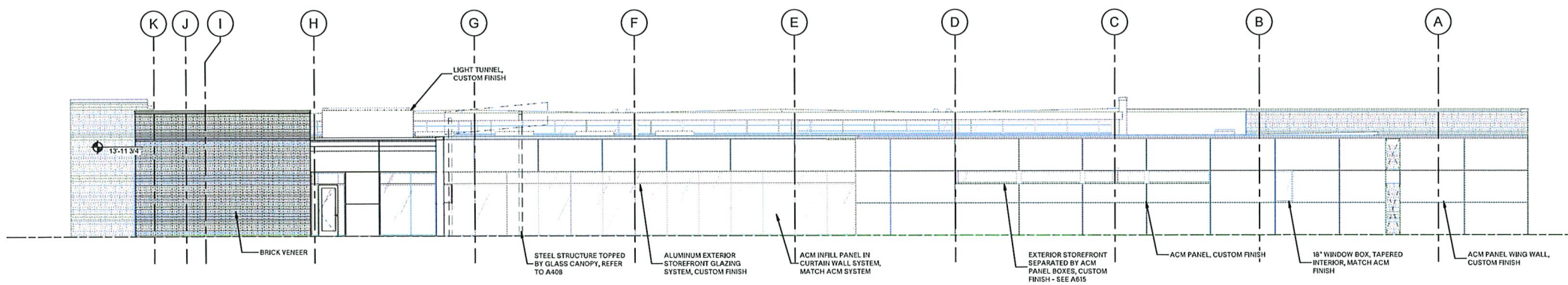
5 WEST OVERALL BUILDING ELEVATION
1/8" = 1'-0"



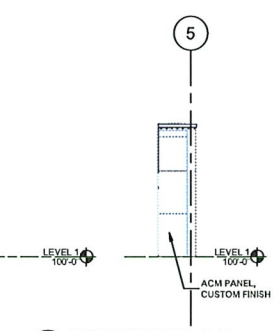
4 NORTH ELEVATION DELIVERY AREA
1/8" = 1'-0"



3 SOUTH ELEVATION DELIVERY AREA
1/8" = 1'-0"



2 NORTH OVERALL BUILDING ELEVATION
1/8" = 1'-0"



1 NORTH BUMP OUT
1/8" = 1'-0"

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[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT PA
PROJECT MANAGER PM

NOT FOR CONSTRUCTION

CONSULTANT LOGO

WATERFORD SCHOOL
STUDENT COMMONS

1520 EAST 9400 SOUTH
SANDY, UT 84093

PROJECT NUMBER	219121
# DESCRIPTION	DATE
DD SUBMITTAL	03.10.23

BUILDING ELEVATIONS

A200

10 MARCH 2023 ©EDA

3/10/2023 2:18:42 PM

DIMENSION & SLAB PLAN NOTES

1. COORDINATE DIMENSIONS SHOWN WITH ALL TRADES AND SYSTEM REQUIREMENTS.

2. DIMENSIONS SHOWN AT FOUNDATION WALLS ARE INTENDED TO LOCATE WHERE FOUNDATION WALL TYPE CHANGES BASED ON THE WALL ASSEMBLY ABOVE. COORDINATE WITH AND REFERENCE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

3. THE INTERIOR FACE OF ALL FOUNDATION WALLS AROUND THE BUILDING ARE INTENTED TO BE IN THE SAME PLANE. REFER TO THE TYPICAL FOUNDATION DETAILS IN THE ARCHITECTURAL DRAWINGS FOR THE DIMENSION FROM GRID AND THE RELATIONSHIP OF THE STUD WALL OR GLAZING SYSTEM

4. AT EXTERIOR WALLS, THE INTERIOR FACE OF THE STUD FRAMING IS INTENDED TO ALIGN WITH THE INTERIOR FACE OF THE CONCRETE FOUNDATION WALLS, TYPICAL.

5. DIMENSIONS TO INTERIOR WALL PARTITIONS ARE TO THE FINISH FACE OF THE PARTITION, UNLESS NOTED OTHERWISE. CONTRACTORS SHALL REFER TO THE WALL TYPES AND INTERIOR ELEVATIONS FOR WALL ASSEMBLIES AND MATERIALS AND COORDINATE WALL LAYOUT TO ENSURE FINISH ALIGNMENTS AND CODE REQUIRED CLEARANCE ARE PROVIDED.

6. WHERE DIMENSIONS ARE SHOWN TO LOCATE PENETRATIONS AT FLOOR SLABS, CENTERLINES OF WALL FOR PLUMBING, MAY BE PROVIDED. COORDINATION WITH SURROUNDING WALL LAYOUTS AND LOCATIONS TO ENSURE CLEAR OR FINISHED DIMENSIONS ARE PROVIDED. CODE OR MATERIAL ALIGNMENTS MAY OCCUR.

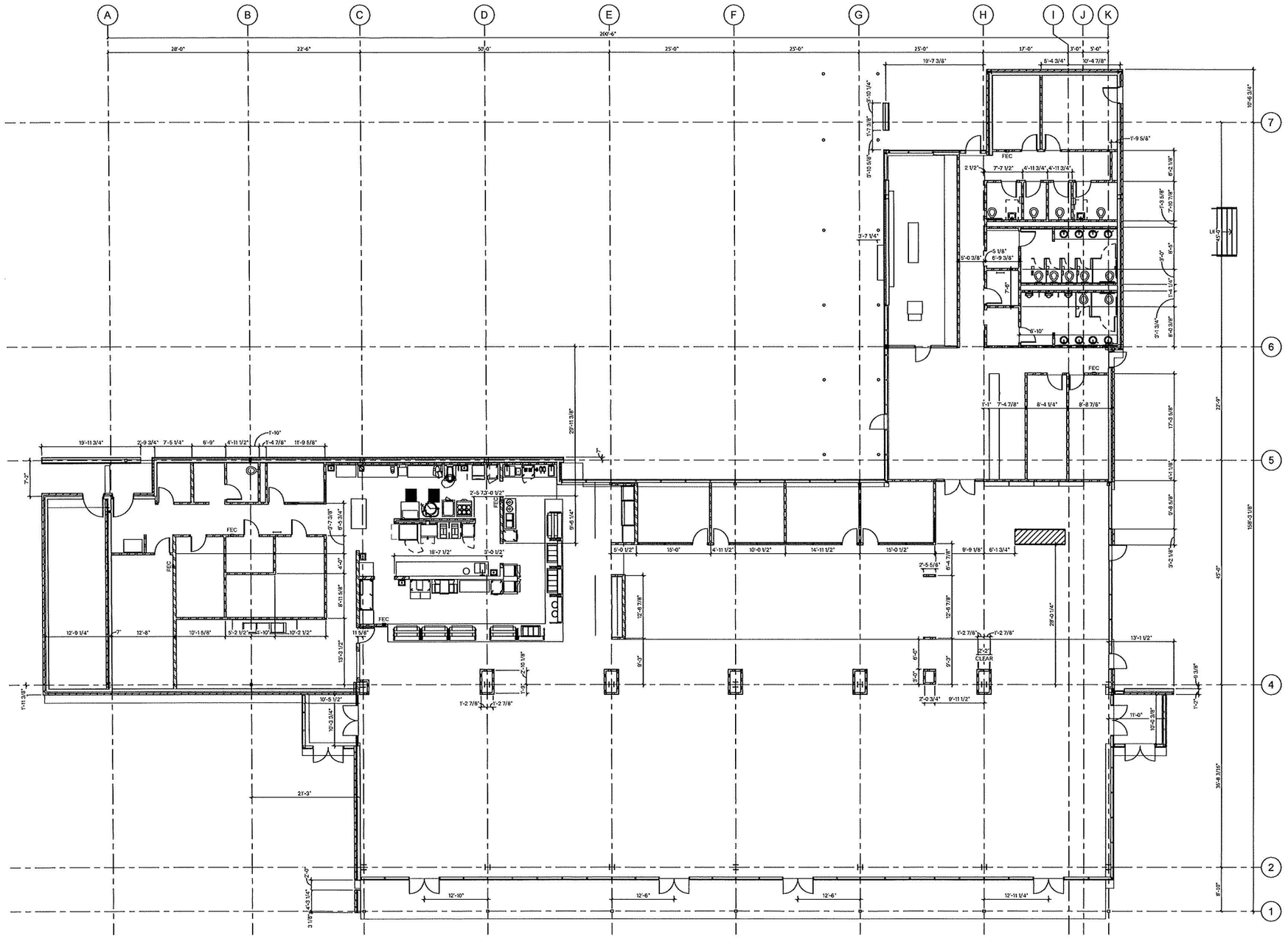
7. OPENINGS OR ELEMENTS IN FLOOR SLABS: CONTRACTOR SHALL COORDINATE OPENING SIZE, AND LOCATION, REQUIREMENTS WITH ACTUAL EQUIPMENT BEING SUPPLIED.

8. DOOR OPENINGS SHALL BE LOCATED TO PROVIDE FOR THE ACCESSIBILITY MANUVERING CLEARANCES IN COMPLIANCE WITH ADA REQUIREMENTS. REFER TO ADA GUIDELINE SHEES IN THE GENERAL INFORMATION IN THIS SET OF DRAWINGS. CONFIRM ALL OPENINGS IN QUESTION WITH ARCHITECT.

9. PROVIDE 1/2" GAP AT PERIMETER OF THE FLOOR SLAB AT EXTERIOR WALLS. PROVIDE INSULATION AND CONTINUOUS SEALANT.

10. COORDINATE ACTUAL SIZE AND DEPTH OF THE ELEVATOR FOUNDATION WITH THE ELEVATOR BEING SUPPLIED.

11. REFER TO ENLARGED PLANS FOR ADDITIONAL DIMENSIONING.



1 DIMENSIONED PLAN
1/8" = 1'-0"

PROJECT NORTH

E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT PA
PROJECT MANAGER PR

NOT FOR CONSTRUCTION

CONSULTANT LOGO

WATERFORD SCHOOL
STUDENT COMMONS

1520 EAST 9400 SOUTH
SANDY, UT 84093

PROJECT NUMBER	219121
# DESCRIPTION	DATE
DD SUBMITTAL	03.10.23

LEVEL 1
DIMENSIONED PLAN

A101

10 MARCH 2023 ©EDA

3/10/2023 2:18:12 PM

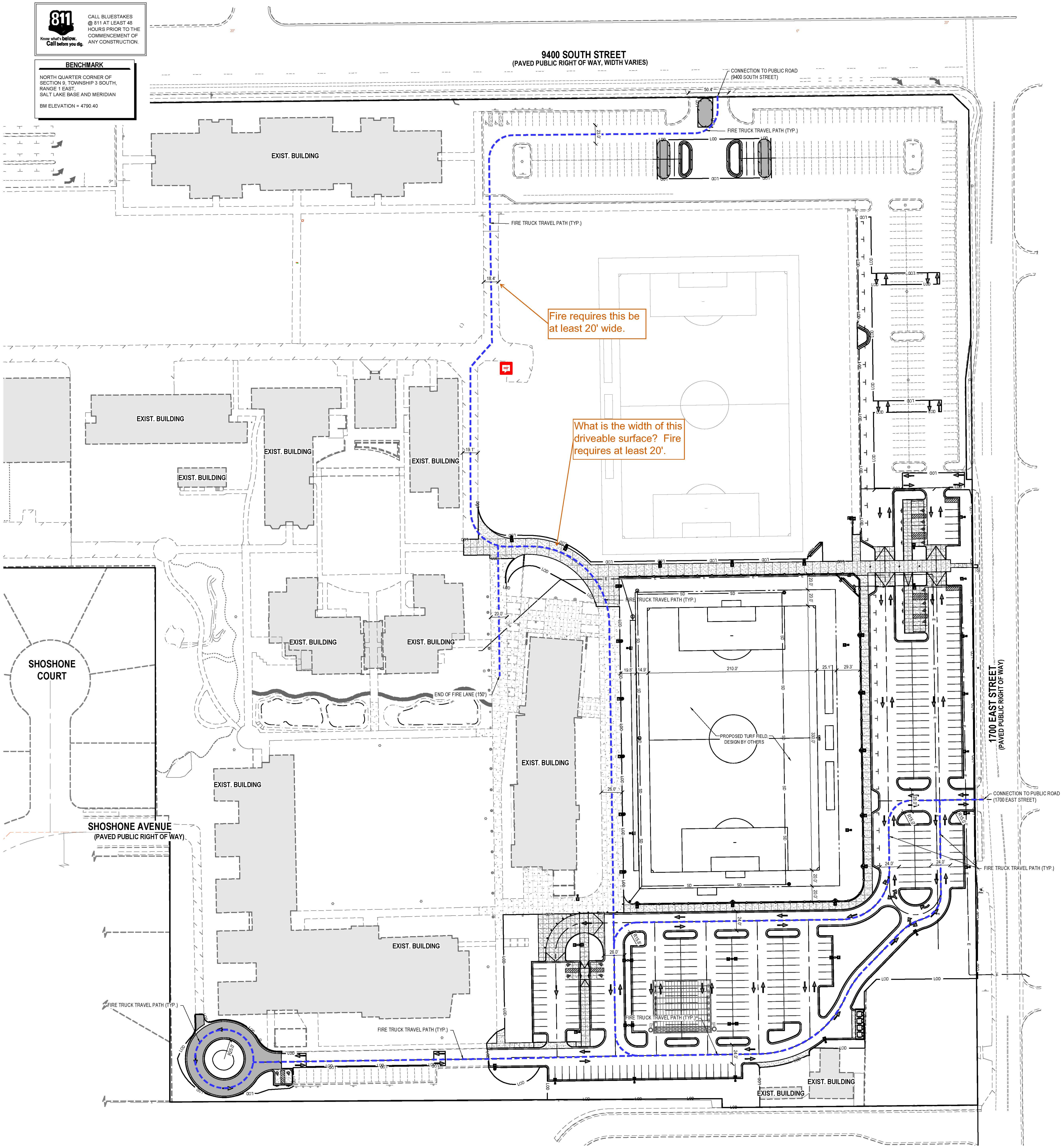
CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

811 Know what's below. Call before you dig.

BENCHMARK

NORTH QUARTER CORNER OF SECTION 9, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

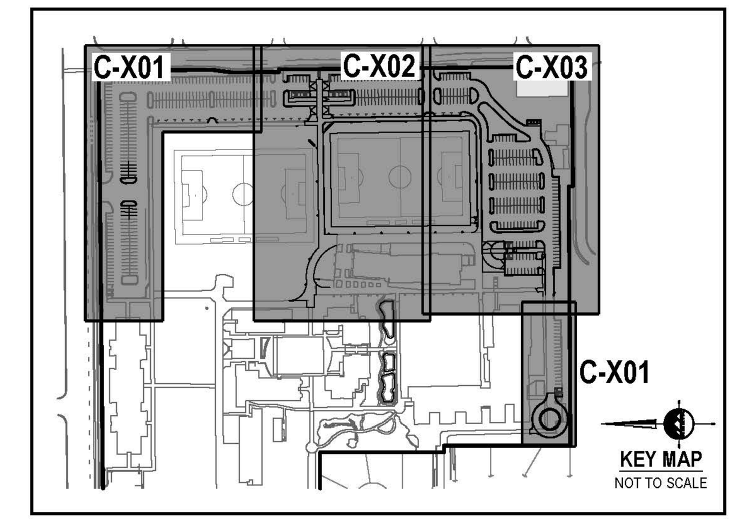
BM ELEVATION = 4790.40



GENERAL NOTES

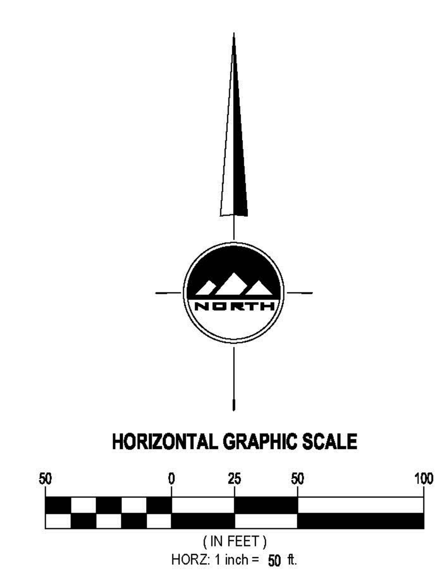
1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

* SEE ARCHITECTURAL DRAWING A001 FOR PROJECT LIMITS.



Add area data
Total hard surface area
total landscape area etc.

WATERFORD EAST PARKING LOT DATA TABLE	
TOTAL EXISTING STALLS	314
EXIST. ADA STALLS	8
EXIST. ADA STALLS TO BE REMOVED	5
TOTAL STALLS TO BE REMOVED	74
PROPOSED STANDARD STALLS	284
PROPOSED ADA STALLS	12
TOTAL STALLS	536 (INC. 15 ADA)



E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT JH
PROJECT MANAGER KL

LICENSED PROFESSIONAL ENGINEER
2/25/2023
No. 9125581-2202
MICHAEL S. BUDGE
Michael S. Budge
STATE OF UTAH

ENSIGN
THE STANDARD IN ENGINEERING

SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529

WWW.ENSIGNENG.COM
ENSIGN PROJECT #10651B

WATERFORD SCHOOL PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

OVERALL SITE PLAN

C-200

2023

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2/27/2023 12:23:09 PM

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

811 Know what's below. Call before you dig.

BENCHMARK

NORTH QUARTER CORNER OF SECTION 9, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

BM ELEVATION = 4790.40

GENERAL NOTES

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7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

* SEE ARCHITECTURAL DRAWING A001 FOR PROJECT LIMITS.

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

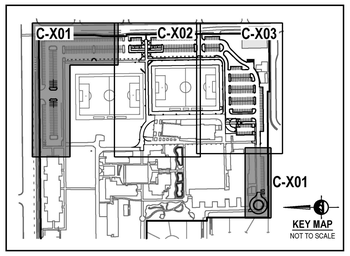
1. CONCRETE SIDEWALK PER APWA PLAN 231 AND SPECIFICATIONS. SAWCUT JOINTS AND COLOR PER LANDSCAPE PLANS.
2. CONCRETE PAVEMENT PER DETAIL 1/C-600. JOINTS TO BE INSTALLED PER APWA PLAN 261.3/C-601 AND SPECIFICATIONS. CONSTRUCTION JOINT SPACING NOT TO EXCEED 100'.
3. ASPHALT PAVEMENT PER DETAIL 7/C-600.
4. TRANSITION BETWEEN COLLECTION CURB AND GUTTER AND REVERSE PAN CURB AND GUTTER.
5. 24" COLLECTION CURB AND GUTTER PER DETAIL 9/C-600.
6. 24" REVERSE PAN CURB AND GUTTER PER DETAIL 10/C-600.
7. 4" WIDE SOLID WHITE PAVEMENT MARKING PER M.U.T.C.D. STANDARD PLANS.
8. "HANDICAP PARKING" SIGN PER M.U.T.C.D. STANDARD PLANS.
9. PAINTED ADA SYMBOL AND ASSOCIATED HATCHING PER M.U.T.C.D. STANDARD PLANS.
10. SITE LIGHTING SHOWN FOR REFERENCE. SEE PHOTOMETRIC PLANS FOR DESIGN AND FINAL LAYOUT.
11. SEE SHEET C-204 FOR FIRE ROUTE.
12. "END OF FIRE APPARATUS ACCESS ROAD" SIGN PER DETAIL 8/C-600.
13. 4 FOOT HIGH ORNAMENTAL FENCE PER LANDSCAPE PLANS.
14. INSTALL FENCE GATE.
15. ASPHALT PAVEMENT EDGE.
16. 6" CONCRETE WATERWAY PER SANDY CITY STANDARD DRAWING CG-03.
17. 6" TYPE "B" CURB WALL PER APWA STANDARD PLAN 209.
18. HANDICAP ACCESS RAMP PER APWA STANDARD PLAN 235 WITH DETECTABLE WARNING SURFACE PER APWA STANDARD PLAN 238.
19. REMOVABLE BOLLARD.
20. TYPE "A" CURB AND GUTTER WITH 0" CURB FACE SIMILAR TO APWA STANDARD PLAN 205.
21. SANDY CITY RESIDENTIAL STREET LIGHT SHOWN FOR REFERENCE. SEE PHOTOMETRIC PLANS FOR DESIGN AND FINAL LAYOUT.
22. PAINTED LANE-USE ARROWS PER M.U.T.C.D. STANDARD PLANS.
23. TRASH ENCLOSURE PER ARCHITECTURAL PLANS WITH 6" THICK CONCRETE APRON WITH #4 REBAR @ 24" O.C. E.W. ON 6" GRAVEL BASE.
24. 18" CONCRETE MOW CURB.
25. 4' WATERWAY PER APWA STANDARD PLAN NO. 211.
26. 20'x60' SIGHT TRIANGLE.

NORTH

HORIZONTAL GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
HORZ. 1 inch = 20 ft.



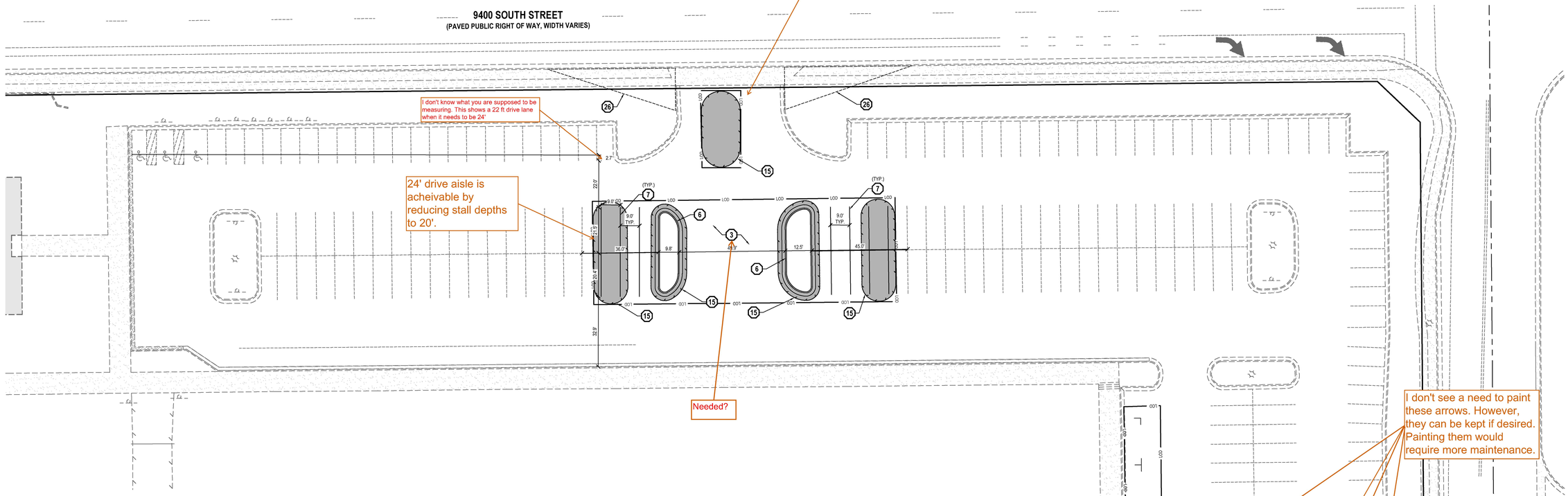
Show access width.

I don't know what you are supposed to be measuring. This shows a 22 ft drive lane when it needs to be 24'

24' drive aisle is acheivable by reducing stall depths to 20'.

Needed?

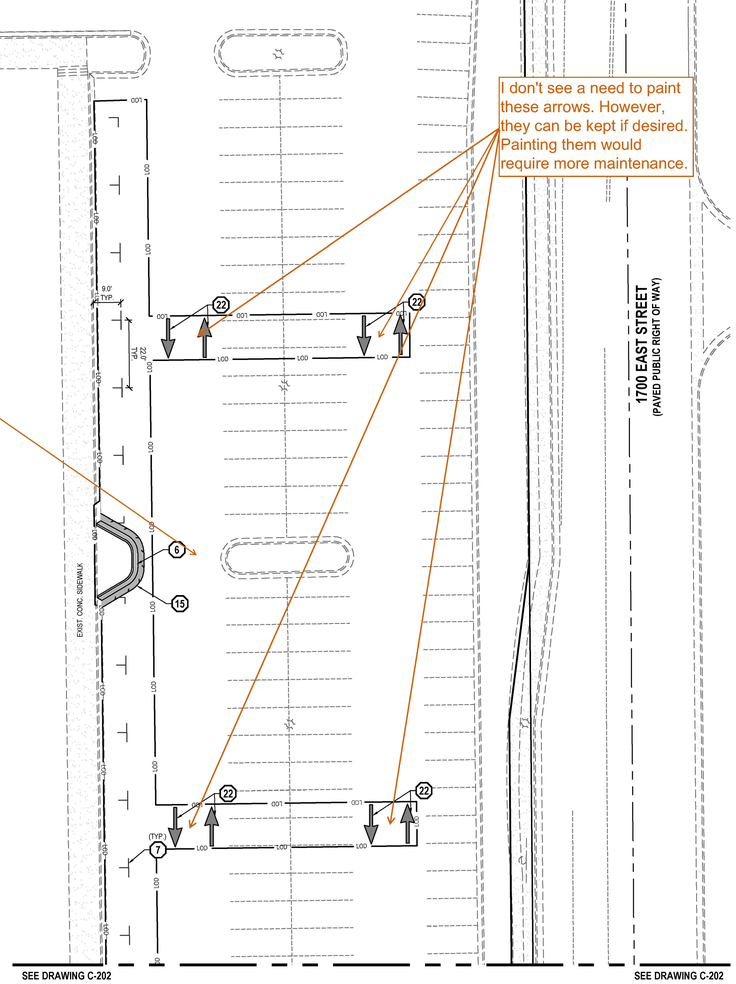
9400 SOUTH STREET
(PAVED PUBLIC RIGHT OF WAY, WIDTH VARIES)



I don't see a need to paint these arrows. However, they can be kept if desired. Painting them would require more maintenance.

Show drive aisle width.

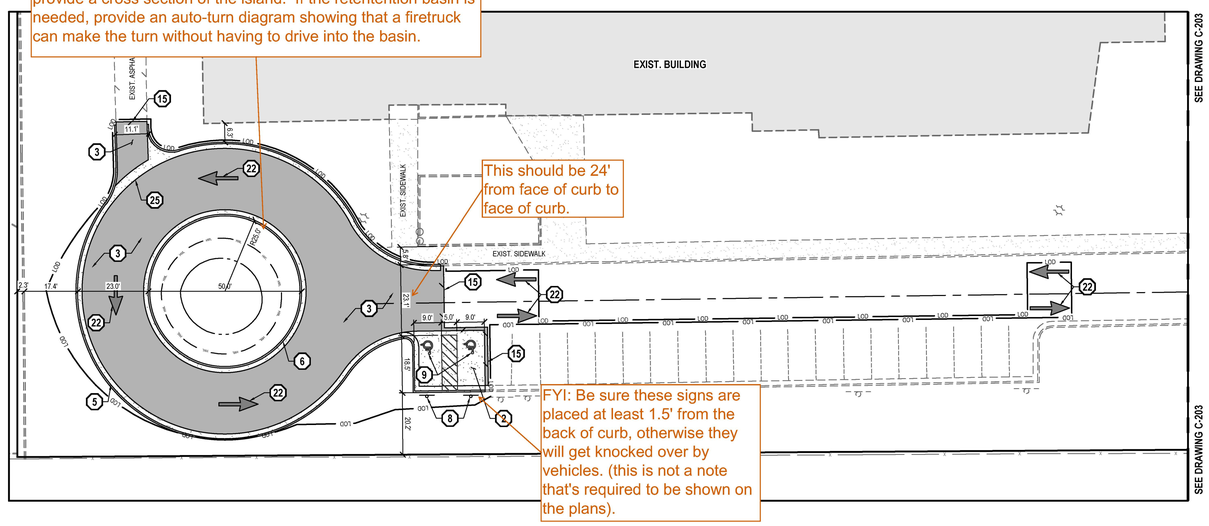
1700 EAST STREET
(PAVED PUBLIC RIGHT OF WAY)



This needs to be a mountable curb and drive-able apron so that large vehicles (fire, garbage, delivery) can drive over it and onto the apron. See our standard detail drawing CG-01. Also, provide a cross section of the island. If the retentention basin is needed, provide an auto-turn diagram showing that a firetruck can make the turn without having to drive into the basin.

This should be 24' from face of curb to face of curb.

FYI: Be sure these signs are placed at least 1.5' from the back of curb, otherwise they will get knocked over by vehicles. (this is not a note that's required to be shown on the plans).



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9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT JH
PROJECT MANAGER KL

LICENSED PROFESSIONAL ENGINEER
2/25/2023
No. 9125581-2202
MICHAEL S. BUDGE
STATE OF UTAH

ENSIGN
THE STANDARD IN ENGINEERING

SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529

WWW.ENSIGNENG.COM

ENSIGN PROJECT #10651B

WATERFORD SCHOOL
PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

SITE PLAN

C-201

2023 © EDA

2/27/2023 12:23:25 PM

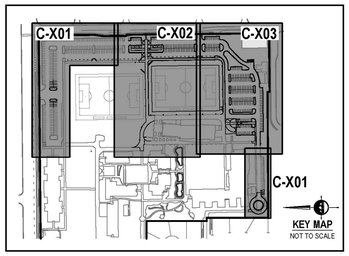
811 Know what's below. Call before you dig.

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

BENCHMARK

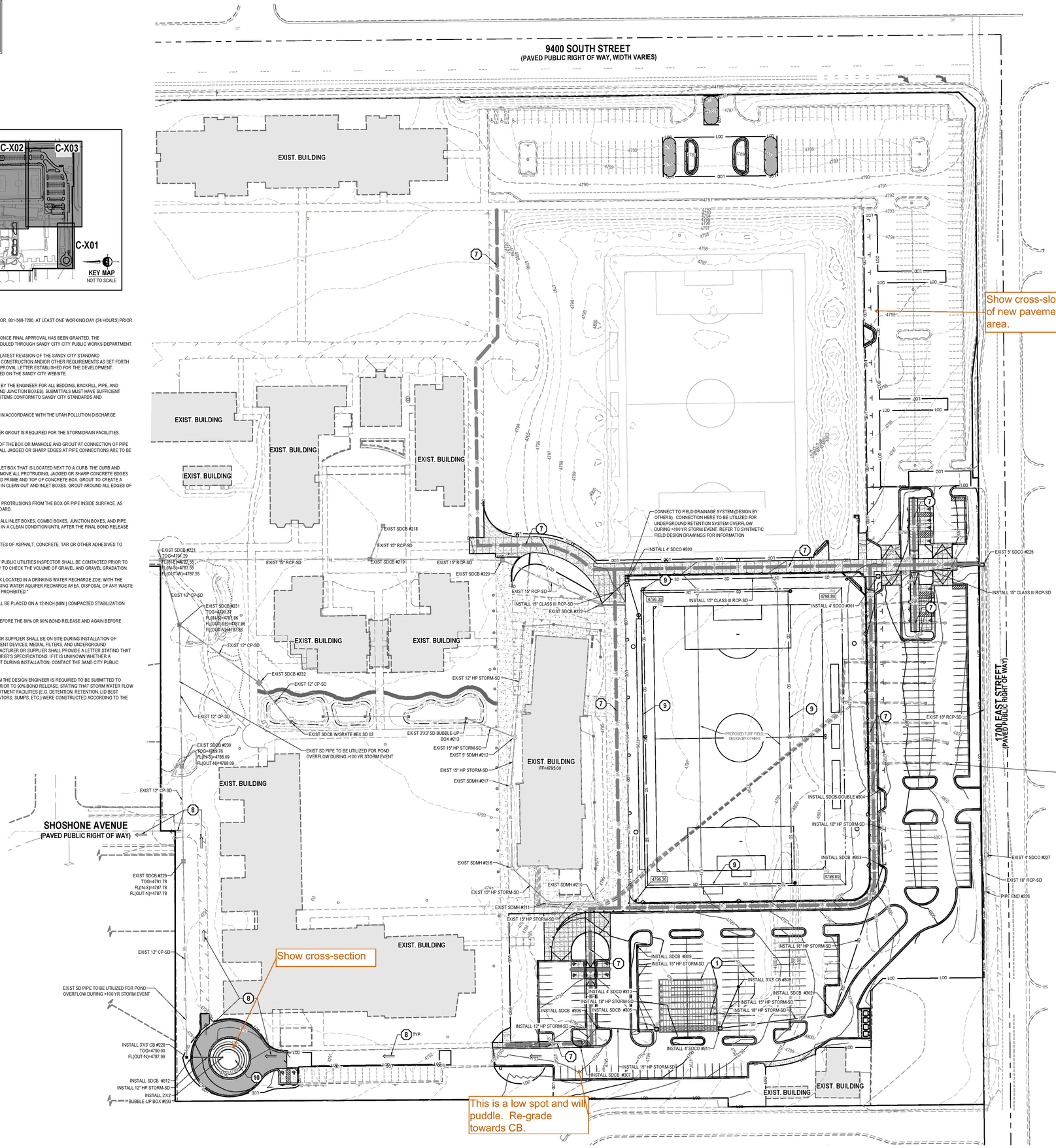
NORTH QUARTER CORNER OF SECTION 9, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

BM ELEVATION = 4790.40



SANDY CITY STORM WATER NOTES

1. NOTIFY SANDY CITY PUBLIC UTILITIES INSPECTOR, 801-568-7280, AT LEAST ONE WORKING DAY (24 HOURS) PRIOR TO BEGINNING ANY CONSTRUCTION.
2. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY CITY PUBLIC WORKS DEPARTMENT.
3. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE PUBLIC UTILITIES FINAL REVIEW AND APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT. SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.
4. SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR ALL BEDDING, BACKFILL, PIPE, AND STRUCTURES (INLET BOXES, COMBO BOXES, AND JUNCTION BOXES). SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO SANDY CITY STANDARDS AND SPECIFICATIONS.
5. CONSTRUCTION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM (UPDES) REGULATIONS.
6. NON-SHRINK GROUT SHALL BE USED WHEREVER GROUT IS REQUIRED FOR THE STORM DRAIN FACILITIES.
7. CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE AND GROUT AT CONNECTION OF PIPE TO BOX AS A SMOOTH FINISH. ADDITIONALLY, ALL JAGGED OR SHARP EDGES AT PIPE CONNECTIONS ARE TO BE REMOVED AND GROUTED SMOOTH.
8. GROUT BETWEEN GRADE RINGS. FOR EACH INLET BOX THAT IS LOCATED NEXT TO A CURB, THE CURB AND GUTTER CONTRACTOR IS RESPONSIBLE TO REMOVE ALL PROTRUDING, JAGGED OR SHARP CONCRETE EDGES AND TO GROUT BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX. GROUT TO CREATE A SMOOTH, BEVELED TRANSITION AT ALL EDGES IN CLEAN OUT AND INLET BOXES. GROUT AROUND ALL EDGES OF THE RESTRICTIVE ORIFICE PLATE.
9. REMOVE SNAP TIES, NAILS, REBAR AND OTHER PROTRUSIONS FROM THE BOX OR PIPE INSIDE SURFACE, AS WELL AS ALL FOR WORK, PLASTIC AND CARDBOARD.
10. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL INLET BOXES, COMBO BOXES, JUNCTION BOXES, AND PIPE. THE BOXES AND PIPES ARE TO BE MAINTAINED IN A CLEAN CONDITION UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
11. CLEAN OFF ALL MANHOLE LIDS AND INLET GRATES OF ASPHALT, CONCRETE, TAR OR OTHER ADHESIVES TO ALLOW ACCESS.
12. WHERE A SUMP IS REQUIRED, THE SANDY CITY PUBLIC UTILITIES INSPECTOR SHALL BE CONTACTED PRIOR TO CONSTRUCTION TO PROVIDE AN OPPORTUNITY TO CHECK THE VOLUME OF GRAVEL AND GRAVEL GRADATION.
13. SIGNS MUST BE POSTED NEAR EACH INLET BOX LOCATED IN A DRINKING WATER RECHARGE ZOE, WITH THE FOLLOWING WORDS "WARNING THIS IS A DRINKING WATER AQUIFER RECHARGE AREA. DISPOSAL OF ANY WASTE MATERIALS IN THE STORM WATER IS STRICTLY PROHIBITED."
14. ALL INLET, COMBO AND JUNCTION BOXES SHALL BE PLACED ON A 12-INCH (MIN.) COMPACTED STABILIZATION MATERIAL.
15. A VIDEO OF ALL PIPES MUST BE COMPLETED BEFORE THE 80% OR 90% BOND RELEASE AND AGAIN BEFORE FINAL BOND RELEASE.
16. A REPRESENTATIVE OF THE MANUFACTURER OR SUPPLIER SHALL BE ON SITE DURING INSTALLATION OF OIL/WATER SEPARATOR, MECHANICAL TREATMENT DEVICES, MEDIAL FILTERS, AND UNDERGROUND DETENTION/RETENTION SYSTEMS. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE A LETTER STATING THAT THE SYSTEM WAS INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IF IT IS UNKNOWN WHETHER A REPRESENTATIVE IS REQUIRED TO BE PRESENT DURING INSTALLATION, CONTACT THE SAND CITY PUBLIC UTILITIES INSPECTOR.
17. A STAMPED "LETTER OF CONFORMANCE" FROM THE DESIGN ENGINEER IS REQUIRED TO BE SUBMITTED TO SANDY CITY PUBLIC UTILITIES DEPARTMENT, PRIOR TO 90% BOND RELEASE, STATING THAT STORM WATER FLOW CONTROL ELEMENTS AND STORM WATER TREATMENT FACILITIES (E.G. DETENTION, RETENTION, LID BEST MANAGEMENT PRACTICES, OIL-WATER SEPARATORS, SUMPS, ETC.) WERE CONSTRUCTED ACCORDING TO THE APPROVED PLANS.



GENERAL NOTES

1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
5. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
6. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
7. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
8. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
9. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
10. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE MINIMUM 1% SLOPE.
11. THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
12. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE, ASPHALT, OR STORM DRAIN STRUCTURES OR PIPES.
13. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.
14. STORM DRAIN PIPE NOT CONNECTED TO UNDERGROUND DETENTION FACILITIES SHALL BE RCP CLIII STORM DRAIN LINE OR APPROVED EQUAL. INSTALLATION AND TRENCHING PER APWA STANDARDS AND SPECIFICATIONS. LENGTH AND SLOPE PER PLAN.
15. CURB AND GUTTER IN-LINE CATCH BASINS SHALL BE PER SANDY CITY DETAIL SW-02 AND SPECIFICATIONS UNLESS OTHERWISE NOTED. KNOCKOUT STRUCTURES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.
16. CATCH BASINS NOT IN-LINE WITH CURB AND GUTTER SHALL BE 2'X2' INLET BOXES AND SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. KNOCKOUT STRUCTURES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.
17. COMBINATION INLET/CLEANOUT BOXES SHALL BE PER SANDY CITY DETAIL SW-04A AND SPECIFICATIONS UNLESS OTHERWISE NOTED. KNOCKOUT BOXES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.
18. CLEANOUT BOXES SHALL BE PER SANDY CITY DETAILS SW-05A AND SW-05B AND SPECIFICATIONS UNLESS OTHERWISE NOTED. KNOCKOUT BOXES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

1. UNDERGROUND RETENTION BASIN
   171 CULTEC RECHARGER 902HD CHAMBERS
   INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAILS ON SHEET C-603
   100-YR 24-HR VOLUME REQUIRED = 17,762 CF
   LID VOLUME REQUIRED = 1,553 C.F.
   STORAGE PROVIDED = 18,146 CF
   TOP OF STONE = 4792.25
   TOP OF CHAMBERS = 4791.25
   BOTTOM OF CHAMBERS = 4787.25
   BOTTOM OF STONE = 4786.25
2. ADS HP-STORM STORM DRAIN PIPE OR APPROVED EQUAL. INSTALLATION AND TRENCHING PER APWA PLANS 381IC-601 AND 382IC-601 AND SPECIFICATIONS. LENGTH AND SLOPE PER PLAN.
3. SDCB: 3'x3' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.
4. SDCB: 2'x4' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.
5. SDCO: JUNCTION BOX WITH 24"Ø SOLID MANHOLE LID, BOX SIZE PER PLAN AND SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.
6. 3H:1V MAX. SLOPE.
7. DESIGNATED ACCESSIBLE ROUTE TO PUBLIC WAY. ENSURE GRADES TO NOT EXCEED 5.00% RUNNING SLOPE AND 2.00% CROSS SLOPE. CONTRACTOR WILL BE REQUIRED AT OWN EXPENSE TO REPLACE ANY AREAS WHICH EXCEED THESE SLOPES ALONG THE ACCESSIBLE ROUTE.
8. INDICATES OVERLAND FLOW PATH TO THE PUBLIC WAY. ⟹
9. DRAINAGE SYSTEM FOR SYNTHETIC TURF FIELD SHOWN FOR REFERENCE. DESIGN BY OTHERS. SEE TURF FIELD DESIGN DRAWINGS FOR DETAILED INFORMATION.
10. STORM DRAIN INFILTRATION POND
    100-YR 24-HR RETENTION STORAGE = 765 CF
    LID VOLUME REQUIRED = 126 C.F.
    STORAGE PROVIDED = 1,630 CF
    HWL = 4790.00
    BOTTOM = 4788.00

HORIZONTAL GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
HORZ. 1 inch = 50 ft.

E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT JH
PROJECT MANAGER KL

LICENSED PROFESSIONAL ENGINEER
2/28/2023
No. 9125581-2202
MICHAEL S. BUDGE
Michael S. Budge
STATE OF UTAH

ENSIGN
THE STANDARD IN ENGINEERING

SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529

WWW.ENSIGNENG.COM

ENSIGN PROJECT #10651B

WATERFORD SCHOOL PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

OVERALL GRADING AND DRAINAGE PLAN

C-300

2023 © EDA

2/27/2023 9:56:06 AM

GENERAL NOTES

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811 Know what's below. Call before you dig.

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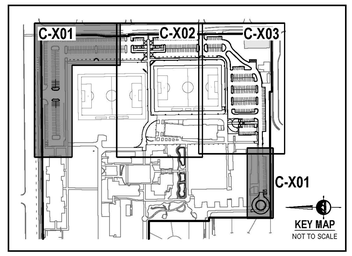
NORTH

HORIZONTAL GRAPHIC SCALE

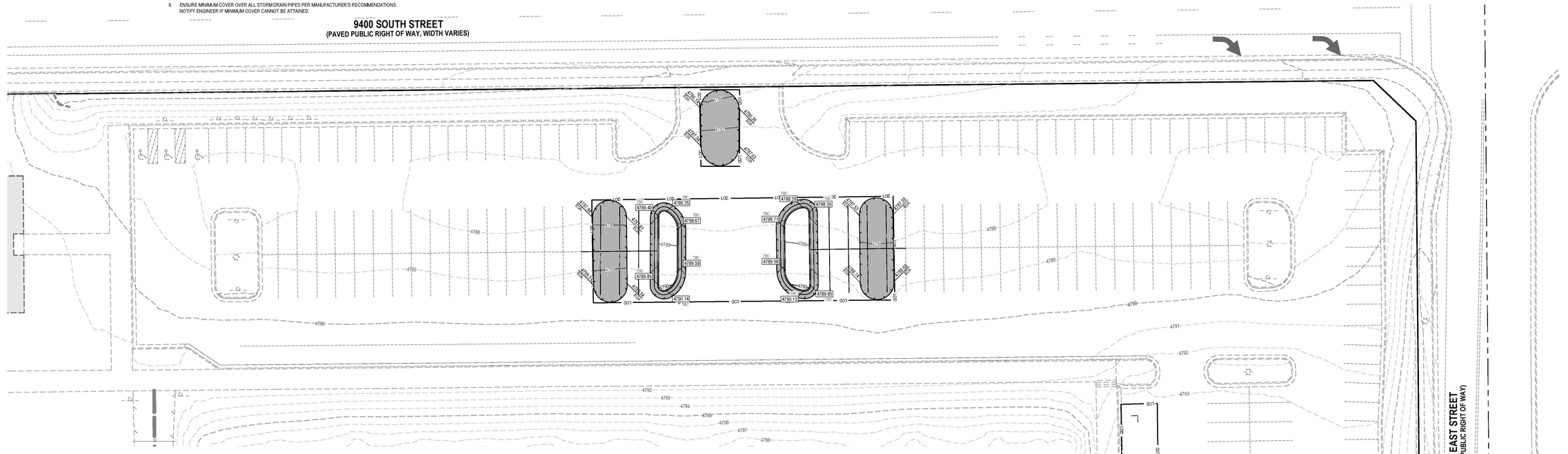
20 0 10 20 40

(IN FEET)
HORZ: 1 inch = 20 ft.



KEY MAP
NOT TO SCALE

9400 SOUTH STREET
(PAVED PUBLIC RIGHT OF WAY, WIDTH VARIES)



1700 EAST STREET
(PAVED PUBLIC RIGHT OF WAY)

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

UNDERGROUND RETENTION BASIN
171 CULTEC RECHARGER 902HD CHAMBERS
INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAILS ON SHEET C-603
100-YR 24-HR VOLUME REQUIRED = 17,762 CF

(1) LID VOLUME REQUIRED = 1,553 C.F.
STORAGE PROVIDED = 18,146 CF
TOP OF STONE = 4792.25
TOP OF CHAMBERS = 4791.25
BOTTOM OF CHAMBERS = 4787.25
BOTTOM OF STONE = 4786.25

(2) ADS HP-STORM STORM DRAIN PIPE OR APPROVED EQUAL. INSTALLATION AND TRENCHING PER APWA PLANS 381/C-601 AND 382/C-601 AND SPECIFICATIONS. LENGTH AND SLOPE PER PLAN.

(3) SDCB: 3'x3' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.

(4) SDCB: 2'x4' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.

(5) SDCO: JUNCTION BOX WITH 24"Ø SOLID MANHOLE LID, BOX SIZE PER PLAN AND SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.

(6) 3H:1V MAX. SLOPE.

(7) DESIGNATED ACCESSIBLE ROUTE TO PUBLIC WAY. ENSURE GRADES TO NOT EXCEED 5.00% RUNNING SLOPE AND 2.00% CROSS SLOPE. CONTRACTOR WILL BE REQUIRED AT OWN EXPENSE TO REPLACE ANY AREAS WHICH EXCEED THESE SLOPES ALONG THE ACCESSIBLE ROUTE.

(8) INDICATES OVERLAND FLOW PATH TO THE PUBLIC WAY. ⟹

(9) DRAINAGE SYSTEM FOR SYNTHETIC TURF FIELD SHOWN FOR REFERENCE. DESIGN BY OTHERS. SEE TURF FIELD DESIGN DRAWINGS FOR DETAILED INFORMATION.

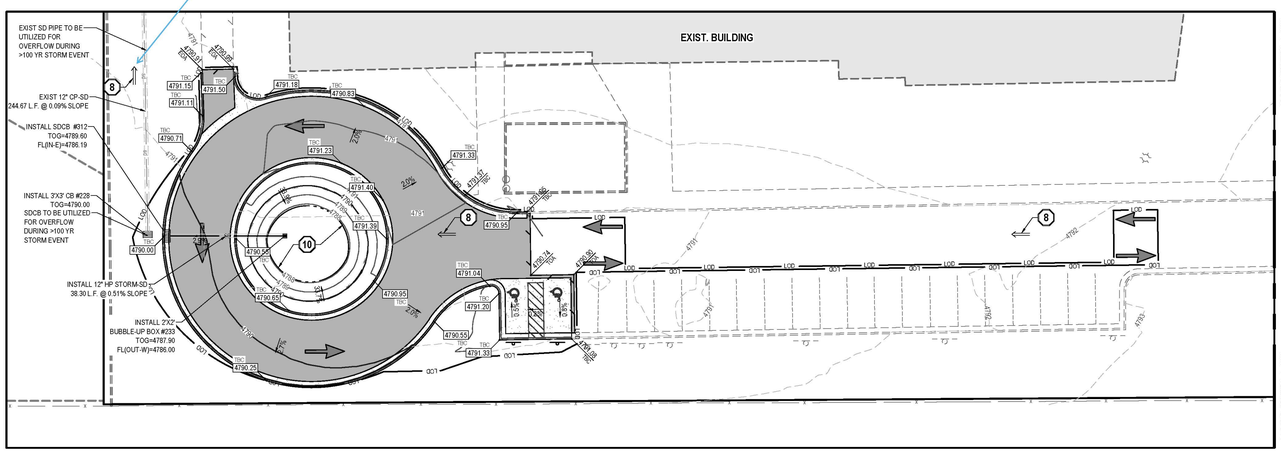
(10) STORM DRAIN INFILTRATION POND
100-YR 24-HR RETENTION STORAGE = 765 CF
LID VOLUME REQUIRED = 126 C.F.
STORAGE PROVIDED = 1,630 CF
HWL = 4790.00
BOTTOM = 4788.00

Need to show existing storm drainage system.

Does this go to Shoshone ave? We need to ensure that this flow will not effect structures. we will need an exhibit and narrative in the drainage report addressing this.

Is this going to be a ponding issue? Add some existing grades outside the LOD to show flows will not stop. Typical on all tie in locations for the grading plan.

Missing spot elevation



E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT JH
PROJECT MANAGER KL

LICENSED PROFESSIONAL ENGINEER
2/15/2023
No. 9125581-2202
MICHAEL S. BUDGE
STATE OF UTAH

ENSIGN
THE STANDARD IN ENGINEERING

SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529

WWW.ENSIGNENG.COM
ENSIGN PROJECT #10651B

WATERFORD SCHOOL
PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

GRADING AND
DRAINAGE PLAN

C-301

2023 © EDA

2/27/2023 9:56:34 AM

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

811 Know what's below. Call before you dig.

BENCHMARK

NORTH QUARTER CORNER OF SECTION 9, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

BM ELEVATION = 4790.40

GENERAL NOTES

1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
3. ALL WORK SHALL COMPLY WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER POSSIBLY INCLUDING, BUT NOT LIMITED TO, REMOVAL OF UNCONSOLIDATED FILL, ORGANICS, AND DEBRIS, PLACEMENT OF SUBSURFACE DRAIN LINES AND GEOTEXTILE, AND OVEREXCAVATION OF UNSUITABLE BEARING MATERIALS AND PLACEMENT OF ACCEPTABLE FILL MATERIAL.
4. THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SOIL CONDITIONS.
5. LANDSCAPED AREAS REQUIRE SUBGRADE TO BE MAINTAINED AT A SPECIFIC ELEVATION BELOW FINISHED GRADE AND REQUIRE SUBGRADE TO BE PROPERLY PREPARED AND SCARIFIED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
6. SLOPE ALL LANDSCAPED AREAS AWAY FROM BUILDING FOUNDATIONS TOWARD CURB AND GUTTER OR STORM DRAIN INLETS.
7. EXISTING UNDERGROUND UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ANY ADDITIONAL COSTS INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO VERIFY THE LOCATIONS OF EXISTING UTILITIES PRIOR TO THE BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED IN THE CONTRACT. THE CONTRACTOR IS TO VERIFY ALL CONNECTION POINTS WITH THE EXISTING UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED TO THE EXISTING UTILITIES AND UTILITY STRUCTURES THAT ARE TO REMAIN. IF CONFLICTS WITH EXISTING UTILITIES OCCUR, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO CONSTRUCTION TO DETERMINE IF ANY FIELD ADJUSTMENTS SHOULD BE MADE.
8. ALL STORM DRAIN INFRASTRUCTURE TO BE INSTALLED PER GOVERNING AGENCY OR APWA STANDARD PLANS AND SPECIFICATIONS.
9. ENSURE MINIMUM COVER OVER ALL STORM DRAIN PIPES PER MANUFACTURER'S RECOMMENDATIONS. NOTIFY ENGINEER IF MINIMUM COVER CANNOT BE ATTAINED.
10. ALL FACILITIES WITH DOWNSPOUTS/ROOF DRAINS SHALL BE CONNECTED TO THE STORM DRAIN SYSTEM. SEE PLUMBING PLANS FOR DOWNSPOUT/ROOF DRAIN LOCATIONS AND SIZES. ALL ROOF DRAINS TO HAVE MINIMUM 1% SLOPE.
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15. CURB AND GUTTER IN-LINE CATCH BASINS SHALL BE PER SANDY CITY DETAIL SW-02 AND SPECIFICATIONS UNLESS OTHERWISE NOTED. KNOCKOUT STRUCTURES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.
16. CATCH BASINS NOT IN-LINE WITH CURB AND GUTTER SHALL BE 2'X2' INLET BOXES AND SHALL BE INSTALLED PER MANUFACTURER RECOMMENDATIONS. KNOCKOUT STRUCTURES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.
17. COMBINATION INLET/CLEANOUT BOXES SHALL BE PER SANDY CITY DETAIL SW-04A AND SPECIFICATIONS UNLESS OTHERWISE NOTED. KNOCKOUT BOXES SHALL HAVE A CONCRETE COLLAR THAT EXTENDS TO THE EDGE OF THE BOX PER SANDY CITY DETAIL SD-06.
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SANDY CITY STORM WATER NOTES

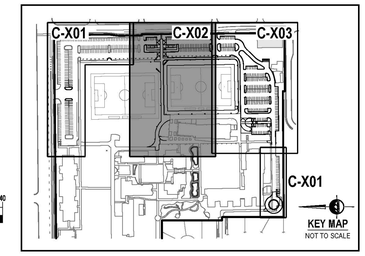
1. NOTIFY SANDY CITY PUBLIC UTILITIES INSPECTOR, 801-568-7280, AT LEAST ONE WORKING DAY (24 HOURS) PRIOR TO BEGINNING ANY CONSTRUCTION.
2. A PRE-CONSTRUCTION MEETING IS REQUIRED ONCE FINAL APPROVAL HAS BEEN GRANTED. THE PRE-CONSTRUCTION MEETING SHALL BE SCHEDULED THROUGH SANDY CITY CITY PUBLIC WORKS DEPARTMENT.
3. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST REVISION OF THE SANDY CITY STANDARD SPECIFICATIONS AND DETAILS FOR MUNICIPAL CONSTRUCTION AND/OR OTHER REQUIREMENTS AS SET FORTH IN THE PUBLIC UTILITIES FINAL REVIEW AND APPROVAL LETTER ESTABLISHED FOR THE DEVELOPMENT. SPECIFICATIONS AND DETAILS CAN BE OBTAINED ON THE SANDY CITY WEBSITE.
4. SUBMITTALS ARE REQUIRED TO BE APPROVED BY THE ENGINEER FOR ALL BEDDING, BACKFILL, PIPE, AND STRUCTURES (INLET BOXES, COMBO BOXES, AND JUNCTION BOXES). SUBMITTALS MUST HAVE SUFFICIENT INFORMATION TO SHOW THAT THE PROPOSED ITEMS CONFORM TO SANDY CITY STANDARDS AND SPECIFICATIONS.
5. CONSTRUCTION WORK SHALL BE CONDUCTED IN ACCORDANCE WITH THE UTAH POLLUTION DISCHARGE ELIMINATION SYSTEM (UPDES) REGULATIONS.
6. NON-SHRINK GROUT SHALL BE USED WHEREVER GROUT IS REQUIRED FOR THE STORM DRAIN FACILITIES.
7. CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE AND GROUT AT CONNECTION OF PIPE TO BOX AS A SMOOTH FINISH. ADDITIONALLY, ALL JAGGED OR SHARP EDGES AT PIPE CONNECTIONS ARE TO BE REMOVED AND GROUTED SMOOTH.
8. GROUT BETWEEN GRADE RINGS. FOR EACH INLET BOX THAT IS LOCATED NEXT TO A CURB, THE CURB AND GUTTER CONTRACTOR IS RESPONSIBLE TO REMOVE ALL PROTRUDING, JAGGED OR SHARP CONCRETE EDGES AND TO GROUT BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX. GROUT TO CREATE A SMOOTH, BEVELED TRANSITION AT ALL EDGES IN CLEAN OUT AND INLET BOXES. GROUT AROUND ALL EDGES OF THE RESTRICTIVE ORIFICE PLATE.
9. REMOVE SNAP TIES, NAILS, REBAR AND OTHER PROTRUSIONS FROM THE BOX OR PIPE INSIDE SURFACE, AS WELL AS ALL FOR WORK, PLASTIC AND CARDBOARD.
10. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL INLET BOXES, COMBO BOXES, JUNCTION BOXES, AND PIPE THE BOXES AND PIPES ARE TO BE MAINTAINED IN A CLEAN CONDITION UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
11. CLEAN OFF ALL MANHOLE LIDS AND INLET GRATES OF ASPHALT, CONCRETE, TAR OR OTHER ADHESIVES TO ALLOW ACCESS.
12. WHERE A SUMP IS REQUIRED, THE SANDY CITY PUBLIC UTILITIES INSPECTOR SHALL BE CONTACTED PRIOR TO CONSTRUCTION TO PROVIDE AN OPPORTUNITY TO CHECK THE VOLUME OF GRAVEL AND GRAVEL GRADATION.
13. SIGNS MUST BE POSTED NEAR EACH INLET BOX LOCATED IN A DRINKING WATER RECHARGE ZOE, WITH THE FOLLOWING WORDS "WARNING THIS IS A DRINKING WATER AQUIFER RECHARGE AREA. DISPOSAL OF ANY WASTE MATERIALS IN THE STORM WATER IS STRICTLY PROHIBITED."
14. ALL INLET, COMBO AND JUNCTION BOXES SHALL BE PLACED ON A 12-INCH (MIN.) COMPACTED STABILIZATION MATERIAL.
15. A VIDEO OF ALL PIPES MUST BE COMPLETED BEFORE THE 80% OR 90% BOND RELEASE AND AGAIN BEFORE FINAL BOND RELEASE.
16. A REPRESENTATIVE OF THE MANUFACTURER OR SUPPLIER SHALL BE ON SITE DURING INSTALLATION OF OIL/WATER SEPARATOR, MECHANICAL TREATMENT DEVICES, MEDIAL FILTERS, AND UNDERGROUND DETENTION/RETENTION SYSTEMS. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE A LETTER STATING THAT THE SYSTEM WAS INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IF IT IS UNKNOWN WHETHER A REPRESENTATIVE IS REQUIRED TO BE PRESENT DURING INSTALLATION, CONTACT THE SAND CITY PUBLIC UTILITIES INSPECTOR.
17. A STAMPED "LETTER OF CONFORMANCE" FROM THE DESIGN ENGINEER IS REQUIRED TO BE SUBMITTED TO SANDY CITY PUBLIC UTILITIES DEPARTMENT, PRIOR TO 90% BOND RELEASE, STATING THAT STORM WATER FLOW CONTROL ELEMENTS AND STORM WATER TREATMENT FACILITIES (E.G. DETENTION, RETENTION, LID BEST MANAGEMENT PRACTICES, OIL-WATER SEPARATORS, SUMPS, ETC.) WERE CONSTRUCTED ACCORDING TO THE APPROVED PLANS.

NORTH

HORIZONTAL GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
HORZ: 1 inch = 20 ft



SEE DRAWING C-301

EXIST. BUILDING

@ 1.61% SLOPE

EXIST SDCB #220
RIM=4794.08
FL(OUT-W)=4791.10
FL(IN-SE)=4791.10

EXIST 15" RCP-SD

INSTALL 15" CLASS III RCP-SD
45.25 L.F. @ 1.28% SLOPE

EXIST SDCB #222
TOG=4795.60
FL(OUT-NW)=4792.40
FL(IN-NE)=4792.40
##

EXIST 3'X3' SDCB #208
EXIST 12" HP STORM-SD
EXIST 12" HP STORM-SD
EXIST 3'X3' SDCB #205
EXIST 3'X3' SDCB #207
EXIST 12" HP STORM-SD
EXIST 3'X3' SDCB #204
EXIST 12" HP STORM-SD

EXISTING RETENTION POND INSTALLED WITH SCIENCE CENTER BLDG

EXIST 3'X3' SD BUBBLE-UP BOX #213
EXIST 15" HP STORM-SD
EXIST 5' SDMH #212
EXIST 3'X3' SDCB #201
EXIST 15" HP STORM-SD
EXIST 12" HP STORM-SD
EXIST SDMH #217

EXIST. BUILDING
FF=4795.00

INSTALL 4' SDCO #300
RIM=4796.31
FL(OUT-SW)=4792.98
FL(IN-E)=4792.98
FL(IN-SE)=4792.98

CONNECT TO FIELD DRAINAGE SYSTEM (DESIGN BY OTHERS). CONNECTION HERE TO BE UTILIZED FOR UNDERGROUND RETENTION SYSTEM OVERFLOW DURING >100 YR STORM EVENT. REFER TO SYNTHETIC FIELD DESIGN DRAWINGS FOR INFORMATION

INSTALL 15" CLASS III RCP-SD
312.71 L.F. @ 1.18% SLOPE

1.0%
1.5%

UNDERGROUND RETENTION CHAMBER SYSTEM FOR FIELD DRAINAGE SYSTEM (DESIGN BY OTHERS). REFER TO SYNTHETIC FIELD DESIGN DRAWINGS FOR INFORMATION

PROPOSED SYNTHETIC TURF FIELD, BY OTHERS

SEE DRAWING C-303

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

UNDERGROUND RETENTION BASIN
171 CULTEC RECHARGER 902HD CHAMBERS
INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAILS ON SHEET C-603
100-YR 24-HR VOLUME REQUIRED = 17,782 CF
1 LID VOLUME REQUIRED = 1,553 C.F.
STORAGE PROVIDED = 18,146 CF
TOP OF STONE = 4792.25
TOP OF CHAMBERS = 4791.25
BOTTOM OF CHAMBERS = 4787.25
BOTTOM OF STONE = 4786.25

2 ADS HP-STORM STORM DRAIN PIPE OR APPROVED EQUAL. INSTALLATION AND TRENCHING PER APWA PLANS 381IC-601 AND 382IC-601 AND SPECIFICATIONS. LENGTH AND SLOPE PER PLAN.

3 SDCB: 3'x3' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.

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5 SDCO: JUNCTION BOX WITH 24"Ø SOLID MANHOLE LID, BOX SIZE PER PLAN AND SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.

6 3H:1V MAX. SLOPE.

7 DESIGNATED ACCESSIBLE ROUTE TO PUBLIC WAY. ENSURE GRADES TO NOT EXCEED 5.00% RUNNING SLOPE AND 2.00% CROSS SLOPE. CONTRACTOR WILL BE REQUIRED AT OWN EXPENSE TO REPLACE ANY AREAS WHICH EXCEED THESE SLOPES ALONG THE ACCESSIBLE ROUTE.

8 INDICATES OVERLAND FLOW PATH TO THE PUBLIC WAY. ⟹

9 DRAINAGE SYSTEM FOR SYNTHETIC TURF FIELD SHOWN FOR REFERENCE. DESIGN BY OTHERS. SEE TURF FIELD DESIGN DRAWINGS FOR DETAILED INFORMATION.

10 STORM DRAIN INFILTRATION POND
100-YR 24-HR RETENTION STORAGE = 765 CF
LID VOLUME REQUIRED = 126 C.F.
STORAGE PROVIDED = 1,630 CF
HWL = 4790.00
BOTTOM = 4788.00

You will have to forgive me I don't have any maps of the storm drain on site or for 1700 East. are you taking storm water from 1700 east and running it through your storm water system. I am a little confused with this storm drain.

What is the longitudinal slope on this sidewalk?

SEE DRAWING C-301

Add existing spot elevations at all points that are tie in.

Add slope call here.

INSTALL 4' SDCO #301
RIM=4799.55
FL(OUT-W)=4796.66
FL(IN-E)=4796.66

EXPOSE FOUNDATION OF CONCRETE MOW CURB TO FORM RETAINING WALL

END OF WALL

INSTALL SDCB-DOUBLE #304
TOG=4798.94
FL(OUT-S)=4795.75

INSTALL 18" HP STORM-SD
95.34 L.F. @ 1.17% SLOPE

EXIST 5' SDCO #225
RIM=4801.89
FL(OUT-W)=4798.36
FL(IN-S)=4798.36

INSTALL 15" CLASS III RCP-SD
131.30 L.F. @ 1.25% SLOPE

EXIST 18" RCP-SD
361.63 L.F. @ 0.40% SLOPE

1700 EAST STREET
(PAVED PUBLIC RIGHT OF WAY)

SEE DRAWING C-303

E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

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PROJECT ARCHITECT JH
PROJECT MANAGER KL

LICENSED PROFESSIONAL ENGINEER
2/28/2023
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THE SOUTHEAST ENGINEERING

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Phone: 801.255.0529

WWW.ENSIGNENG.COM

ENSIGN PROJECT #10651B

WATERFORD SCHOOL PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

GRADING AND DRAINAGE PLAN

C-302

2023 © EDA

2/27/2023 9:56:49 AM

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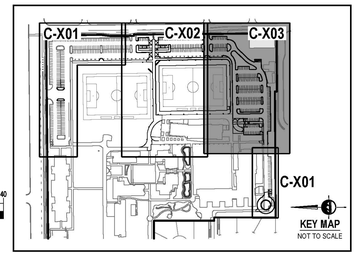
7. CUT PIPES OFF FLUSH WITH THE INSIDE WALL OF THE BOX OR MANHOLE AND GROUT AT CONNECTION OF PIPE TO BOX AS A SMOOTH FINISH. ADDITIONALLY, ALL JAGGED OR SHARP EDGES AT PIPE CONNECTIONS ARE TO BE REMOVED AND GROUTED SMOOTH.
8. GROUT BETWEEN GRADE RINGS. FOR EACH INLET BOX THAT IS LOCATED NEXT TO A CURB, THE CURB AND GUTTER CONTRACTOR IS RESPONSIBLE TO REMOVE ALL PROTRUDING, JAGGED OR SHARP CONCRETE EDGES AND TO GROUT BETWEEN BOTTOM OF INLET LID FRAME AND TOP OF CONCRETE BOX. GROUT TO CREATE A SMOOTH, BEVELED TRANSITION AT ALL EDGES IN CLEAN OUT AND INLET BOXES. GROUT AROUND ALL EDGES OF THE RESTRICTIVE ORIFICE PLATE.
9. REMOVE SNAP TIES, NAILS, REBAR AND OTHER PROTRUSIONS FROM THE BOX OR PIPE INSIDE SURFACE, AS WELL AS ALL FOR WORK, PLASTIC AND CARDBOARD.
10. SILT AND DEBRIS ARE TO BE CLEANED OUT OF ALL INLET BOXES, COMBO BOXES, JUNCTION BOXES, AND PIPE THE BOXES AND PIPES ARE TO BE MAINTAINED IN A CLEAN CONDITION UNTIL AFTER THE FINAL BOND RELEASE INSPECTION.
11. CLEAN OFF ALL MANHOLE LIDS AND INLET GRATES OF ASPHALT, CONCRETE, TAR OR OTHER ADHESIVES TO ALLOW ACCESS.
12. WHERE A SUMP IS REQUIRED, THE SANDY CITY PUBLIC UTILITIES INSPECTOR SHALL BE CONTACTED PRIOR TO CONSTRUCTION TO PROVIDE AN OPPORTUNITY TO CHECK THE VOLUME OF GRAVEL AND GRAVEL GRADATION.
13. SIGNS MUST BE POSTED NEAR EACH INLET BOX LOCATED IN A DRINKING WATER RECHARGE ZOE, WITH THE FOLLOWING WORDS "WARNING THIS IS A DRINKING WATER AQUIFER RECHARGE AREA. DISPOSAL OF ANY WASTE MATERIALS IN THE STORM WATER IS STRICTLY PROHIBITED."
14. ALL INLET, COMBO AND JUNCTION BOXES SHALL BE PLACED ON A 12-INCH (MIN.) COMPACTED STABILIZATION MATERIAL.
15. A VIDEO OF ALL PIPES MUST BE COMPLETED BEFORE THE 80% OR 90% BOND RELEASE AND AGAIN BEFORE FINAL BOND RELEASE.
16. A REPRESENTATIVE OF THE MANUFACTURER OR SUPPLIER SHALL BE ON SITE DURING INSTALLATION OF OIL/WATER SEPARATOR, MECHANICAL TREATMENT DEVICES, MEDIAL FILTERS, AND UNDERGROUND DETENTION/RETENTION SYSTEMS. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE A LETTER STATING THAT THE SYSTEM WAS INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IF IT IS UNKNOWN WHETHER A REPRESENTATIVE IS REQUIRED TO BE PRESENT DURING INSTALLATION, CONTACT THE SAND CITY PUBLIC UTILITIES INSPECTOR.
17. A STAMPED "LETTER OF CONFORMANCE" FROM THE DESIGN ENGINEER IS REQUIRED TO BE SUBMITTED TO SANDY CITY PUBLIC UTILITIES DEPARTMENT, PRIOR TO 90% BOND RELEASE, STATING THAT STORM WATER FLOW CONTROL ELEMENTS AND STORM WATER TREATMENT FACILITIES (E.G. DETENTION, RETENTION, LID BEST MANAGEMENT PRACTICES, OIL-WATER SEPARATORS, SUMPS, ETC.) WERE CONSTRUCTED ACCORDING TO THE APPROVED PLANS.

NORTH

HORIZONTAL GRAPHIC SCALE

20 0 10 20 40

(IN FEET)
HORZ. 1 inch = 20 ft.



SEE DRAWING C-302

SEE DRAWING C-302

SEE DRAWING C-301

SEE DRAWING C-301

EXIST. BUILDING
FF=4795.00

EXIST 3'X3' SDCB #002

EXIST 3'X3' SDCB #003

EXIST SDMH #216

EXIST SDMH #210

EXIST SDMH #211

EXIST 15" HP STORM SD

EXIST 18" HP STORM SD

EXIST 4" HP STORM SD

UNDERGROUND RETENTION CHAMBER SYSTEM FOR FIELD DRAINAGE SYSTEM (DESIGN BY OTHERS). REFER TO SYNTHETIC FIELD DESIGN DRAWINGS FOR INFORMATION

PROPOSED RECREATIONAL FIELD, BY OTHERS

INSTALL SDCB-DOUBLE #004
TOG=4798.94
FL(OUT-S)=4795.75

INSTALL SDCB #003
TOG=4798.92
FL(OUT-S)=4794.63
FL(IN-N)=4794.63

INSTALL 18" HP STORM-SD
95.34 L.F. @ 1.17% SLOPE

INSTALL 18" HP STORM-SD
22.23 L.F. @ 2.25% SLOPE

INSTALL 15" HP STORM-SD
103.99 L.F. @ 2.16% SLOPE

INSTALL 18" HP STORM-SD
143.36 L.F. @ 4.01% SLOPE

INSTALL 15" HP STORM-SD
56.49 L.F. @ 5.00% SLOPE

INSTALL 15" HP STORM-SD
52.28 L.F. @ 2.39% SLOPE

INSTALL 12" HP STORM-SD
37.94 L.F. @ 0.78% SLOPE

INSTALL 18" HP STORM-SD
193.61 L.F. @ 0.84% SLOPE

EXIST 18" RCP-SD
361.63 L.F. @ 0.40% SLOPE

EXIST 18" RCP-SD
46.11 L.F. @ 0.22% SLOPE

EXIST 4' SDCO #027
RIM=4805.33
FL(OUT-S)=4800.79
FL(OUT-N)=4799.79

INSTALL SDCB #309
TOG=4794.48
FL(OUT-S)=4790.00

INSTALL SDCB #306
TOG=4792.88
FL(OUT-E)=4789.00
FL(IN-SW)=4788.00

INSTALL SDCB #305
TOG=4793.58
FL(IN-W)=4787.75
FL(IN-W)=4787.75
FL(OUT-E)=4787.75

INSTALL SDCB #307
TOG=4792.30
FL(OUT-NE)=4789.25

INSTALL 4' SDCO #310
RIM=4794.10
FL(IN-W)=4787.25

INSTALL 4' SDCO #311
RIM=4795.44
FL(IN-E)=4787.25
FL(IN-NE)=4787.25

INSTALL 3'X3' CB #308
TOG=4794.35
FL(OUT-SW)=4790.07

INSTALL SDCB #302
TOG=4797.49
FL(IN-N)=4793.00
FL(OUT-W)=4793.00

INSTALL SDCB #301
TOG=4798.87
FL(OUT-S)=4796.26

EXIST. MASONRY WALL TO REMAIN

EXIST. BUILDING

EXIST. BUILDING

OVERLAND FLOW PATH TO THE PUBLIC WAY

SEE SHEET C-300

100-YEAR OVERFLOW

100-YEAR OVERFLOW

RIDGE

RIDGE

Depending on whether this is a high use site or not this may need to be an oil water separator.

This would need to be an oil water separator as well

text overwrite

Where there are two or more connections to the box use a combo box SD-04 typ.

Add TBC

Doesn't look like a high point or ridge line. Verify spot elevation

Add long. slope

How does this grade away from building? Show more detail/elevations.

1700 EAST STREET
(PAVED PUBLIC RIGHT OF WAY)

SCOPE OF WORK:
PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

UNDERGROUND RETENTION BASIN
171 CULTEC RECHARGER 902HD CHAMBERS
INSTALL PER MANUFACTURER'S RECOMMENDATIONS. SEE DETAILS ON SHEET C-603
100-YR 24-HR VOLUME REQUIRED = 17,762 CF

1. LID VOLUME REQUIRED = 1,593 C.F.
   STORAGE PROVIDED = 18,146 CF
   TOP OF STONE = 4792.25
   TOP OF CHAMBERS = 4791.25
   BOTTOM OF CHAMBERS = 4787.25
   BOTTOM OF STONE = 4786.25
2. ADS HP-STORM STORM DRAIN PIPE OR APPROVED EQUAL. INSTALLATION AND TRENCHING PER APWA PLANS 381/C-601 AND 382/C-601 AND SPECIFICATIONS. LENGTH AND SLOPE PER PLAN.
3. SDCB: 3'x3' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.
4. SDCB: 2'x4' CATCH BASIN WITH 24" SQ. FRAME AND PEDESTRIAN SAFE GRATE. BOX PER SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.
5. SDCO: JUNCTION BOX WITH 24"Ø SOLID MANHOLE LID. BOX SIZE PER PLAN AND SANDY DETAILS SD-05 AND SD-06 AND SPECIFICATIONS. SEE SHEET C-602 FOR DETAILS.
6. 3H:1V MAX. SLOPE.
7. DESIGNATED ACCESSIBLE ROUTE TO PUBLIC WAY. ENSURE GRADES TO NOT EXCEED 5.00% RUNNING SLOPE AND 2.00% CROSS SLOPE. CONTRACTOR WILL BE REQUIRED AT OWN EXPENSE TO REPLACE ANY AREAS WHICH EXCEED THESE SLOPES ALONG THE ACCESSIBLE ROUTE.
8. INDICATES OVERLAND FLOW PATH TO THE PUBLIC WAY. ⟹
9. DRAINAGE SYSTEM FOR SYNTHETIC TURF FIELD SHOWN FOR REFERENCE. DESIGN BY OTHERS. SEE TURF FIELD DESIGN DRAWINGS FOR DETAILED INFORMATION.
10. STORM DRAIN INFILTRATION POND
    100-YR 24-HR RETENTION STORAGE = 765 CF
    LID VOLUME REQUIRED = 126 C.F.
    STORAGE PROVIDED = 1,630 CF
    HWL = 4790.00
    BOTTOM = 4788.00

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

[W] www.edaarch.com

PROJECT ARCHITECT JH
PROJECT MANAGER KL

LICENSED PROFESSIONAL ENGINEER
2/25/2023
No. 9125581-2202
MICHAEL S. BUDGE
STATE OF UTAH

ENSIGN
THE STANDARD IN ENGINEERING

SALT LAKE CITY
45 W. 10000 S., Suite 500
Sandy, UT 84070
Phone: 801.255.0529

WWW.ENSIGNENG.COM

ENSIGN PROJECT #10651B

WATERFORD SCHOOL PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER -

#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

GRADING AND DRAINAGE PLAN

C-303

2023 © EDA

2/27/2023 6:57:04 AM

CALL BLUESTAKES @ 811 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

Know what's below. Call before you dig.

BENCHMARK

NORTH QUARTER CORNER OF SECTION 9, TOWNSHIP 3 SOUTH, RANGE 1 EAST, SALT LAKE BASE AND MERIDIAN

BM ELEVATION = 4790.40

GENERAL NOTES

1. ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
2. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND RECOMMENDATIONS.
3. SEE LANDSCAPE/ARCHITECTURAL PLANS FOR CONCRETE MATERIAL, COLOR, FINISH, AND SCORE PATTERNS THROUGHOUT SITE.
4. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. (MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES).
5. ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOD, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
6. NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING CONCRETE OR ASPHALT.
7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

* SEE ARCHITECTURAL DRAWING A001 FOR PROJECT LIMITS.

SCOPE OF WORK:

PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS:

1. CONCRETE SIDEWALK PER APWA PLAN 231 AND SPECIFICATIONS. SAWCUT JOINTS AND COLOR PER LANDSCAPE PLANS.
2. CONCRETE PAVEMENT PER DETAIL 1/C-600. JOINTS TO BE INSTALLED PER APWA PLAN 261.3/C-601 AND SPECIFICATIONS. CONSTRUCTION JOINT SPACING NOT TO EXCEED 100'.
3. ASPHALT PAVEMENT PER DETAIL 7/C-600.
4. TRANSITION BETWEEN COLLECTION CURB AND GUTTER AND REVERSE PAN CURB AND GUTTER.
5. 24" COLLECTION CURB AND GUTTER PER DETAIL 9/C-600.
6. 24" REVERSE PAN CURB AND GUTTER PER DETAIL 10/C-600.
7. 4" WIDE SOLID WHITE PAVEMENT MARKING PER M.U.T.C.D. STANDARD PLANS.
8. "HANDICAP PARKING" SIGN PER M.U.T.C.D. STANDARD PLANS.
9. PAINTED ADA SYMBOL AND ASSOCIATED HATCHING PER M.U.T.C.D. STANDARD PLANS.
10. SITE LIGHTING SHOWN FOR REFERENCE. SEE PHOTOMETRIC PLANS FOR DESIGN AND FINAL LAYOUT.
11. SEE SHEET C-204 FOR FIRE ROUTE.
12. "END OF FIRE APPARATUS ACCESS ROAD" SIGN PER DETAIL 8/C-600.
13. 4 FOOT HIGH ORNAMENTAL FENCE PER LANDSCAPE PLANS.
14. INSTALL FENCE GATE.
15. ASPHALT PAVEMENT EDGE.
16. 8" CONCRETE WATERWAY PER SANDY CITY STANDARD DRAWING CG-03.
17. 6" TYPE "P" CURB WALL PER APWA STANDARD PLAN 209.
18. HANDICAP ACCESS RAMP PER APWA STANDARD PLAN 235 WITH DETECTABLE WARNING SURFACE PER APWA STANDARD PLAN 238.
19. REMOVABLE BOLLARD.
20. TYPE "A" CURB AND GUTTER WITH 0" CURB FACE SIMILAR TO APWA STANDARD PLAN 205.
21. SANDY CITY RESIDENTIAL STREET LIGHT SHOWN FOR REFERENCE. SEE PHOTOMETRIC PLANS FOR DESIGN AND FINAL LAYOUT.
22. PAINTED LANE-USE ARROWS PER M.U.T.C.D. STANDARD PLANS.
23. TRASH ENCLOSURE PER ARCHITECTURAL PLANS WITH 6" THICK CONCRETE APRON WITH #4 REBAR @ 24" O.C. E.W. ON 6" GRAVEL BASE.
24. 18" CONCRETE MOW CURB.
25. 4' WATERWAY PER APWA STANDARD PLAN NO. 211.
26. 20'x60' SIGHT TRIANGLE.

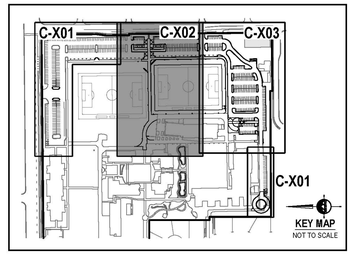
NORTH

HORIZONTAL GRAPHIC SCALE

20 0 10 20 40

(IN FEET)

HORZ. 1 inch = 20 ft.



KEY MAP
NOT TO SCALE

SEE DRAWING C-201

SEE DRAWING C-201

EXIST. BUILDING

EXIST. CONC. SIDEWALK

EXIST. BUILDING

SCOREBOARD AND ELECTRICAL SEE TURF FIELD DRAWINGS.

SCOREBOARD AND ELECTRICAL SEE TURF FIELD DRAWINGS.

PROPOSED TURF FIELD, DESIGN BY OTHERS

EXIST. CONC. SIDEWALK

Show width

Show access width

I don't see a need to paint these arrows. However, they can be kept if desired. Painting them would require more maintenance.

1700 EAST STREET
(PAVED PUBLIC RIGHT OF WAY)

SEE DRAWING C-203

SEE DRAWING C-203

E D A

[A] The Boston Building
9 Exchange Place, Suite 1100
Salt Lake City, Utah 84111

[O] 801 531 7600

[E] info@edaarch.com

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WATERFORD SCHOOL PARKING ADDITION

1480 E 9400 S
SANDY, UT 84093

PROJECT NUMBER		-
#	DESCRIPTION	DATE
1	SITE PLAN SUBMITTAL	2/28/2023

SITE PLAN

C-202

2023 © EDA

2/24/2023 1:57:43 PM