

2024

SOUTH JORDAN MIDDLE SCHOOL PARKING LOT ADDITION

10245 SOUTH 2700 WEST
SOUTH JORDAN, UTAH

JSD Project #24KP14

FOR THE
JORDAN SCHOOL DISTRICT

7905 S. REDWOOD ROAD
WEST JORDAN, UTAH 84088

CONSTRUCTION DOCUMENTS COORDINATED BY
NAYLOR WENTWORTH LUND ARCHITECTS

723 W. PACIFIC AVENUE, SUITE 101
SALT LAKE CITY, UTAH 84104
TEL : (801) 355-5959

ENSIGN ENGINEERING
CIVIL ENGINEER
45 SEGO LILY DRIVE, #500
SANDY, UTAH 84070
(801) 255-0529

ARCSITIO DESIGN, INC.
LANDSCAPE DESIGN
1058 EAST 2100 SOUTH
SALT LAKE CITY, UTAH 84106
(801) 487-4923

BNA CONSULTING ENGINEERS
ELECTRICAL ENGINEER
4225 LAKE PARK BLVD. SUITE 275
WEST VALLEY CITY, UTAH 84120
(801) 532-2196

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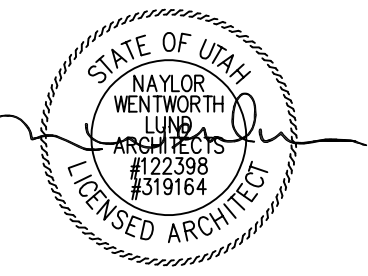
LANDSCAPE

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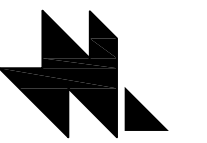
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Stamp



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Architects



723 West Pacific Ave.
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84104
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Jordan School District
7905 South Redwood Road
West Jordan, Utah 84088

Project For

**The
Jordan
School District
Board of
Education**

**South Jordan
Middle School
Parking Lot Addition**
10245 South 2700 West
South Jordan, Utah

Project Phase

Bid Documents

Revision Schedule

No.	Description	Date

NWL Project Number
136.020

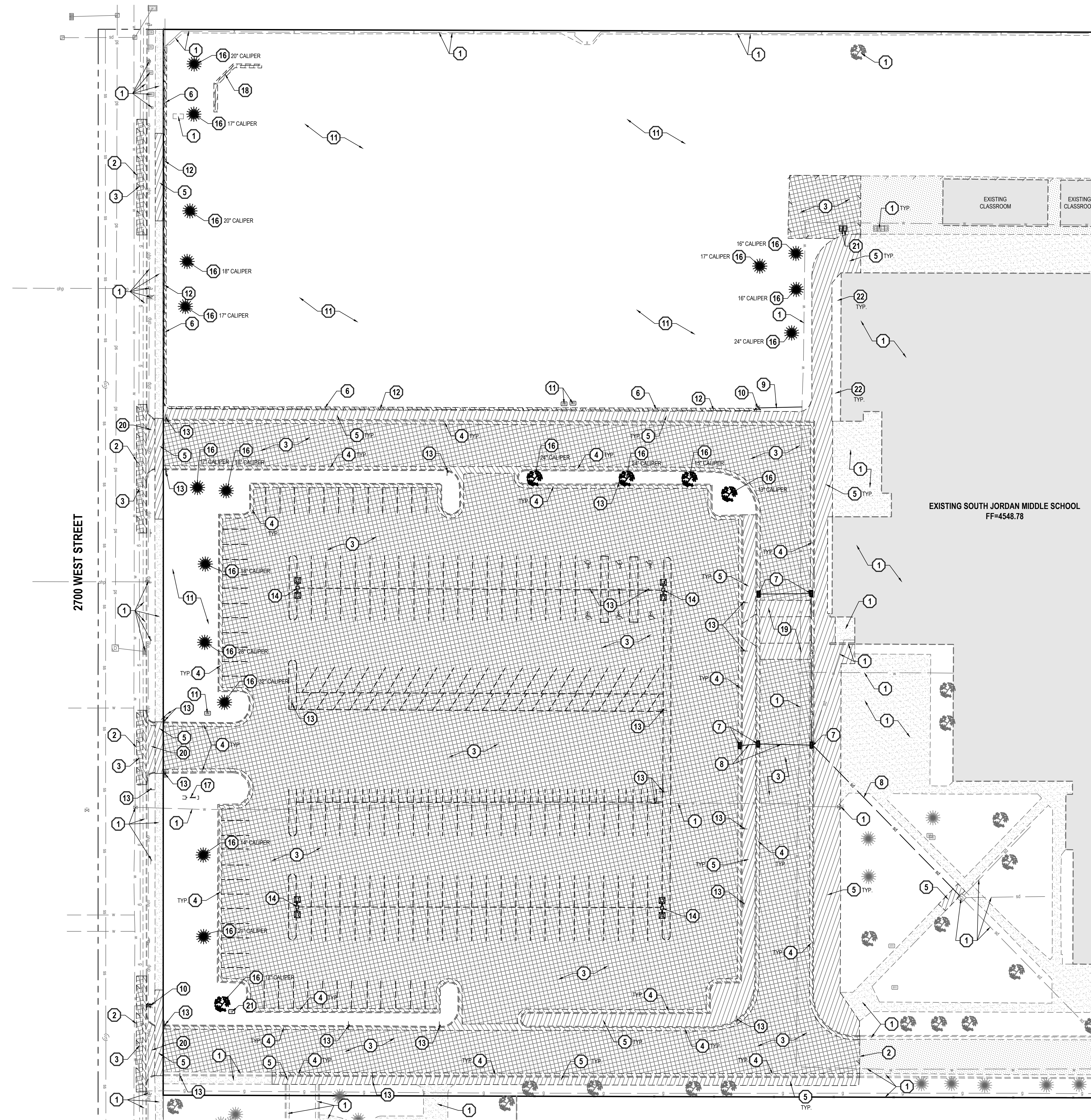
Project Issue Date
January 22, 2024

Sheet Title

**TITLE SHEET
INDEX TO DRAWINGS**

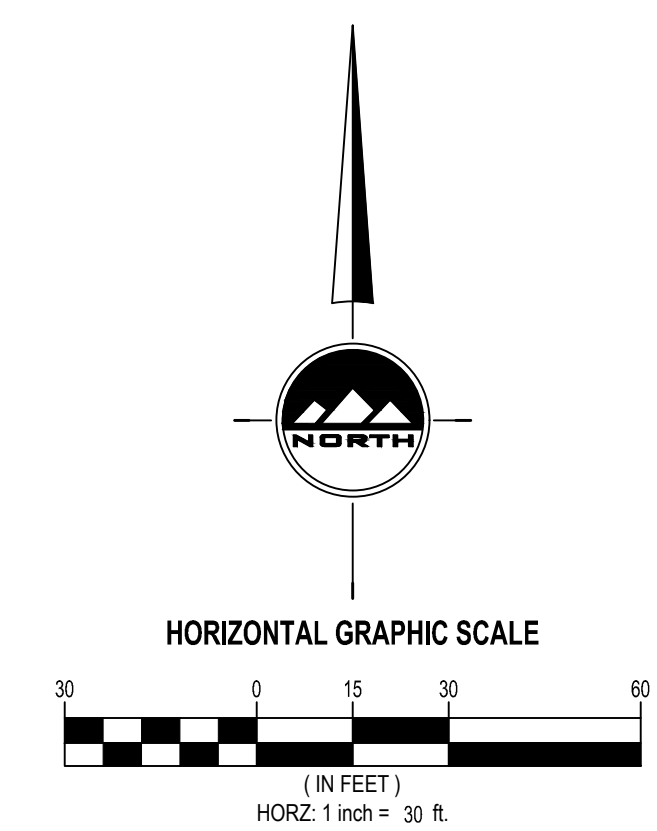
Sheet Number

G1.1



- GENERAL NOTES**
- ALL WORK TO COMPLY WITH THE GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
 - 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.
 - ALL SURFACE IMPROVEMENTS DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED, INCLUDING TREES AND DECORATIVE SHRUBS, SOIL, FENCES, WALLS AND STRUCTURES, WHETHER OR NOT THEY ARE SPECIFICALLY SHOWN ON THE CONTRACT DOCUMENTS.
 - ALL CONSTRUCTION SIGNAGE, BARRICADES, TRAFFIC CONTROL DEVICES, ETC. SHALL CONFORM TO THE LATEST EDITION OF THE M.U.T.C.D. THE CONTRACTOR WILL MAINTAIN SUCH SO THAT THEY ARE PROPERLY PLACED AND VISIBLE AT ALL TIMES.
 - SIDEWALKS AND CURBS DESIGNATED TO BE DEMOLISHED SHALL BE DEMOLISHED TO THE NEAREST EXPANSION JOINT, MATCHING THESE PLANS AS CLOSELY AS POSSIBLE.
 - THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

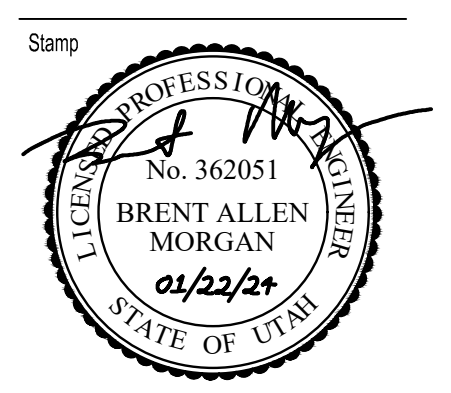
- SCOPE OF WORK:**
 PROVIDE, INSTALL AND/OR CONSTRUCT THE FOLLOWING PER THE SPECIFICATIONS GIVEN OR REFERENCED, THE DETAILS NOTED, AND/OR AS SHOWN ON THE CONSTRUCTION DRAWINGS.
- PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, SIGNS, ETC. (TYPICAL UNLESS OTHERWISE NOTED).
 - SAWCUT EXISTING ASPHALT PAVEMENT TO PROVIDE A CLEAN EDGE FOR THE TRANSITION BETWEEN EXISTING AND PROPOSED ASPHALT PAVEMENT.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING ASPHALT PAVEMENT.
 - SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE CURB AND GUTTER.
 - SAWCUT, REMOVE, AND PROPERLY DISPOSE OF EXISTING CONCRETE SIDEWALK TO NEAREST JOINT.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING MOW CURB.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING STORM DRAIN CATCH BASIN.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING STORM DRAIN PIPE.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING WATER LINE.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING FIRE HYDRANT AND VALVE.
 - REMOVE EXISTING LANDSCAPING IN THIS AREA. RETROFIT AND REPAIR IRRIGATION SYSTEM AS NEEDED. SEE LANDSCAPE PLANS FOR ADDITIONAL INFORMATION.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING FENCE.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING SIGN.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING LIGHT POLE AND BASE. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING STRUCTURES, CONCRETE SLABS, STAIRS, ETC., INCLUDING ALL ELECTRICAL APPURTENANCES, IN THIS AREA WHETHER OR NOT IDENTIFIED ON PLANS. CONTRACTOR TO FILL IN ALL HOLES CREATED DURING DEMOLITION WITH STRUCTURAL FILL TO PROPER SUBGRADE ELEVATION.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING TREE.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING MONUMENT SIGN.
 - REMOVE AND PROPERLY DISPOSE OF BASEBALL BACKSTOP.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING TABLETOP.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING DRIVE APPROACH.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING IRRIGATION BOX.
 - REMOVE AND PROPERLY DISPOSE OF EXISTING SHRUBS AND OTHER VEGETATION.



BENCHMARK
 NORTH QUARTER CORNER SECTION 16,
 TOWNSHIP 3 SOUTH, RANGE 1 WEST,
 SALT LAKE BASE AND MERIDIAN
 (FOUND BRASS CAP)
 ELEV = 4552.51'

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

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



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723 West Pacific Ave.,
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 Salt Lake City, Utah
 84104
 Tel 801 355-5959



Jordan School District
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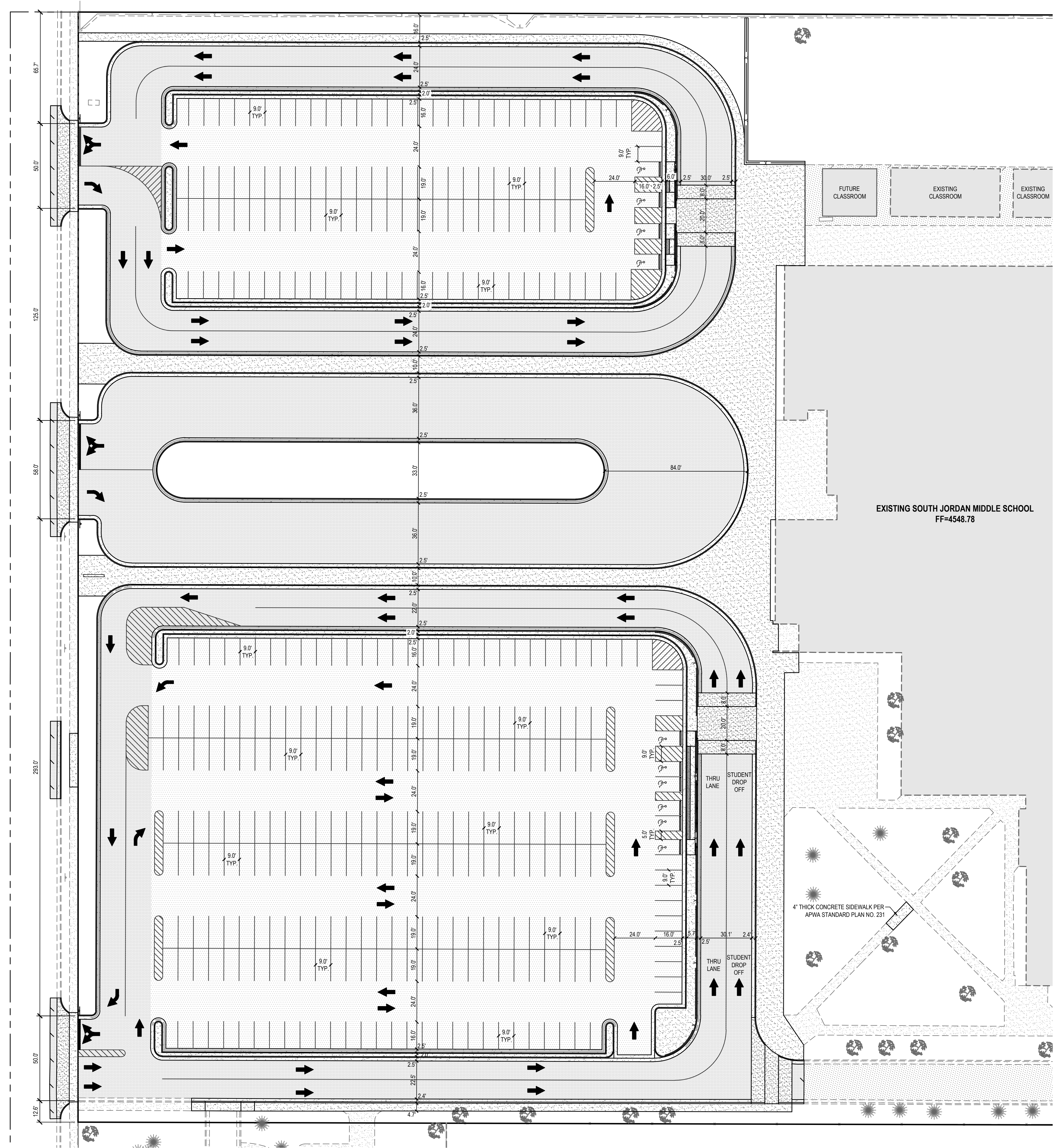
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Sheet Title
 Demolition Plan

Sheet Number

C-100

2700 WEST STREET



GENERAL NOTES

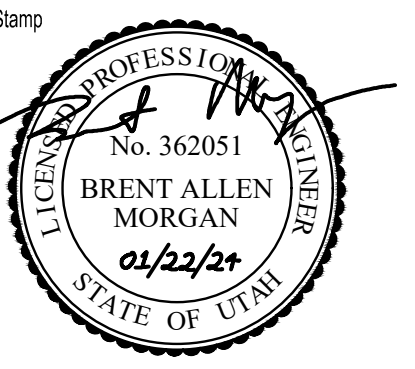
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7. THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

PARKING DATA TABLE	
DESCRIPTION	STALLS
STANDARD STALLS	366
HANDICAP STALLS	10
TOTAL STALLS	376

BENCHMARK
 NORTH QUARTER CORNER SECTION 16,
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 Phone: 801 225 0529
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Jordan School District
 7905 South Redwood Road
 West Jordan, Utah 84088

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South Jordan
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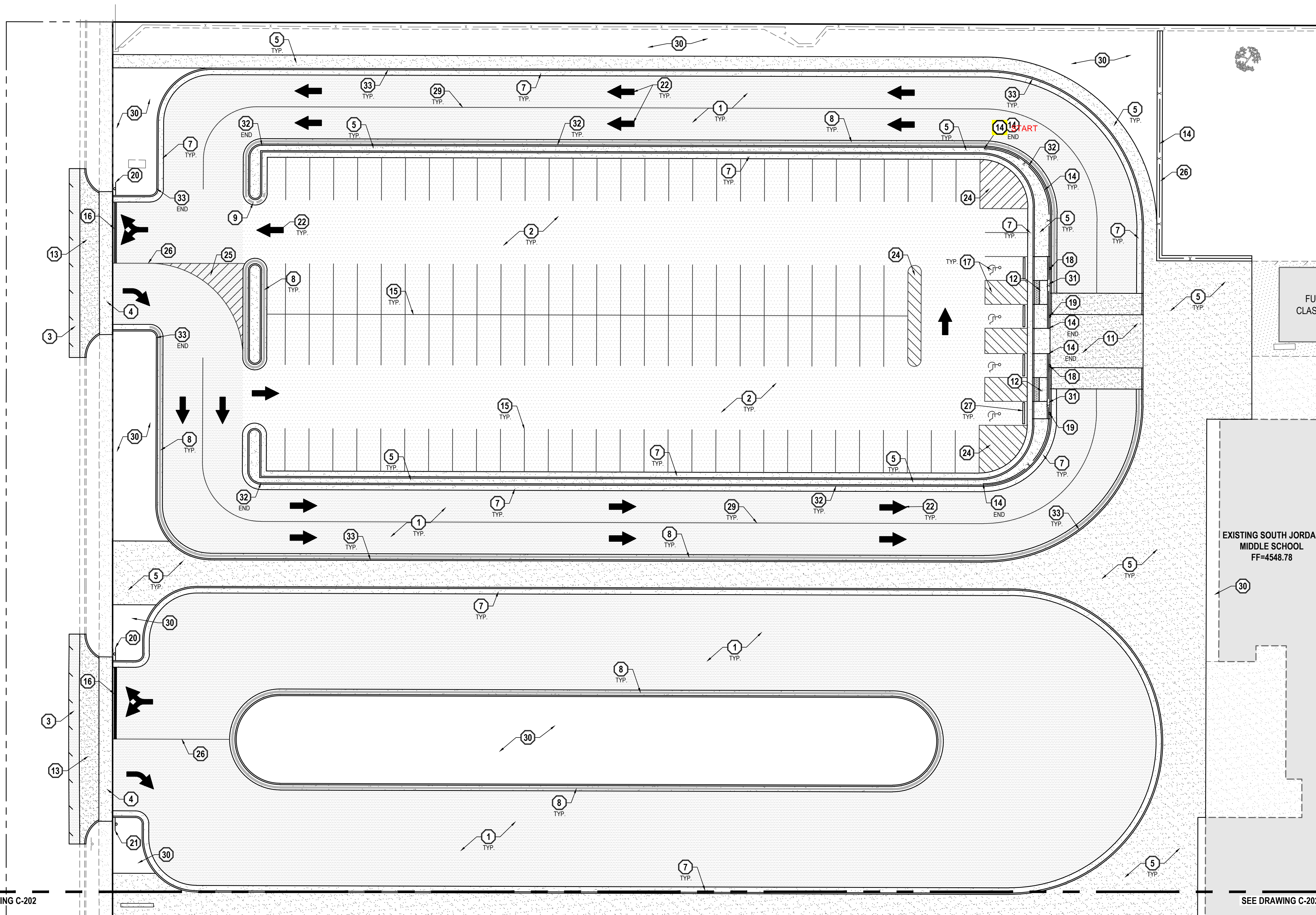
Project Issue Date
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Sheet Title
 Overall Site Plan

Sheet Number

C-200

2700 WEST STREET



SEE DRAWING C-202

SEE DRAWING C-202

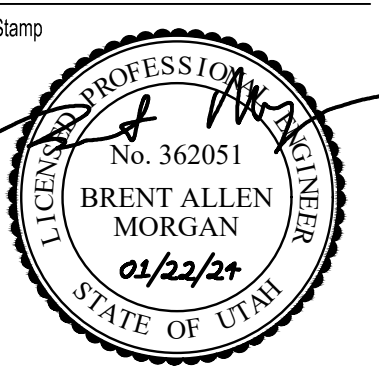
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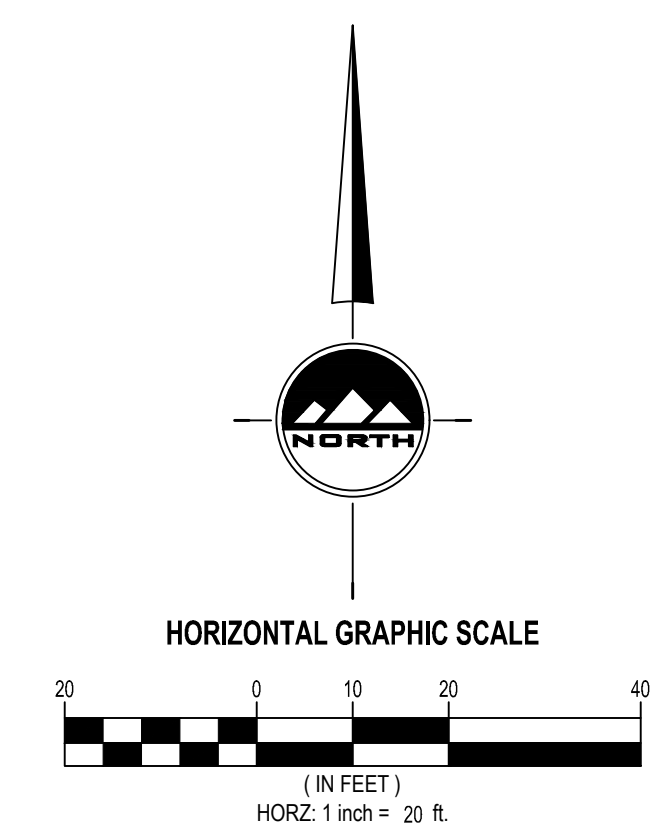
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Sheet Title
Site Plan

Sheet Number

C-201



BENCHMARK

NORTH QUARTER CORNER SECTION 16,
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SALT LAKE BASE AND MERIDIAN
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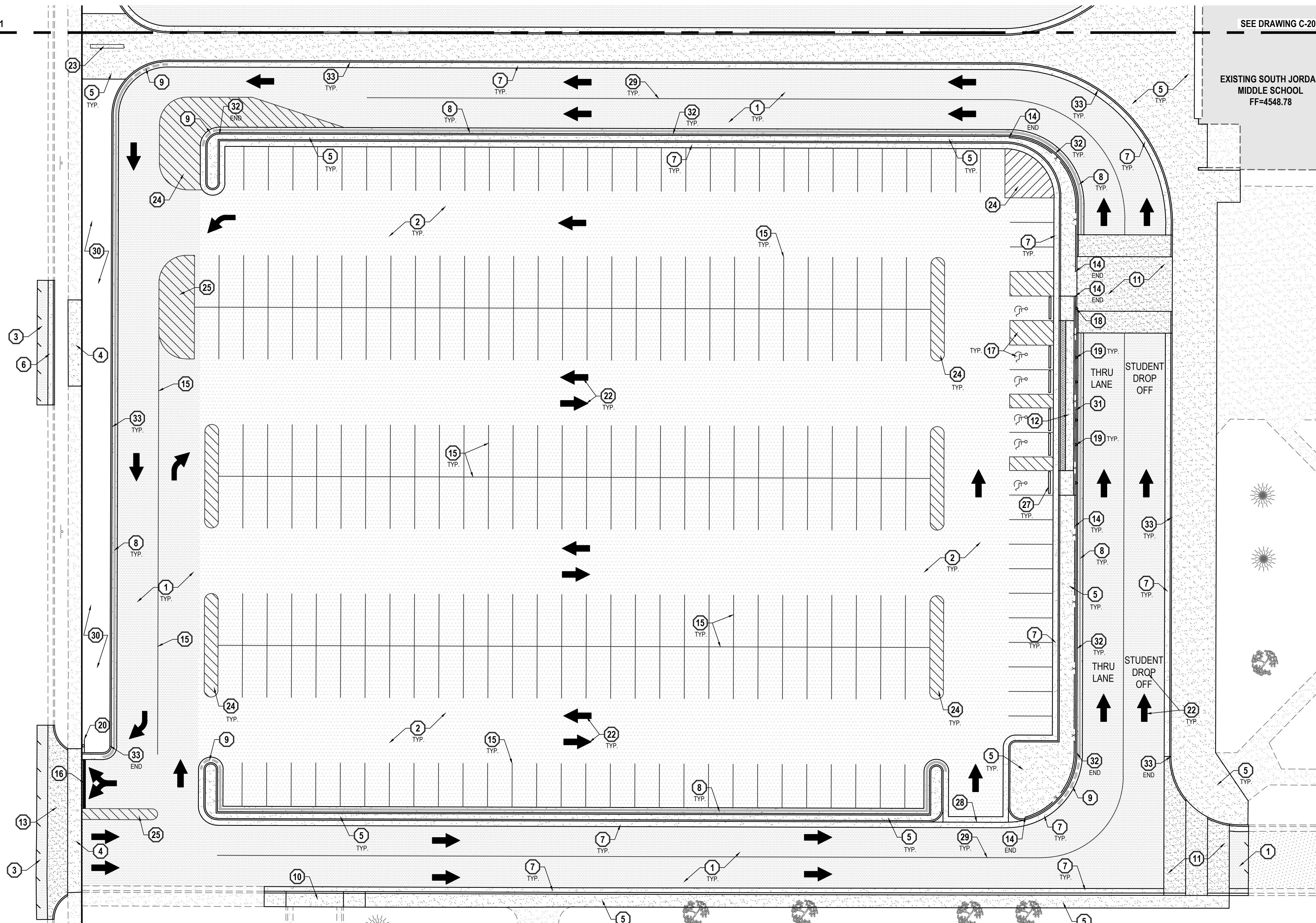
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SEE DRAWING C-201

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EXISTING SOUTH JORDAN MIDDLE SCHOOL FF=4548.78



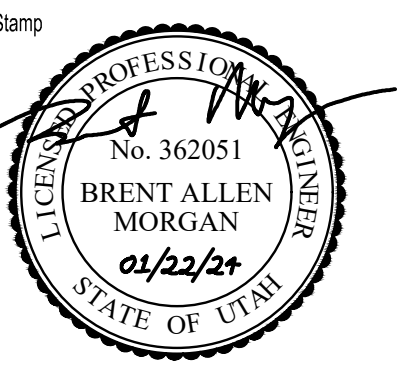
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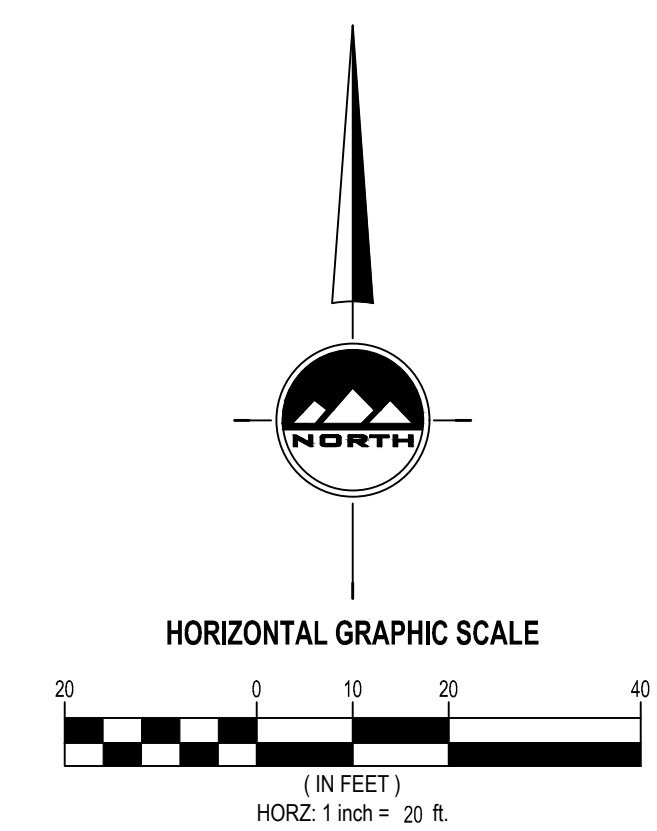
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C-202

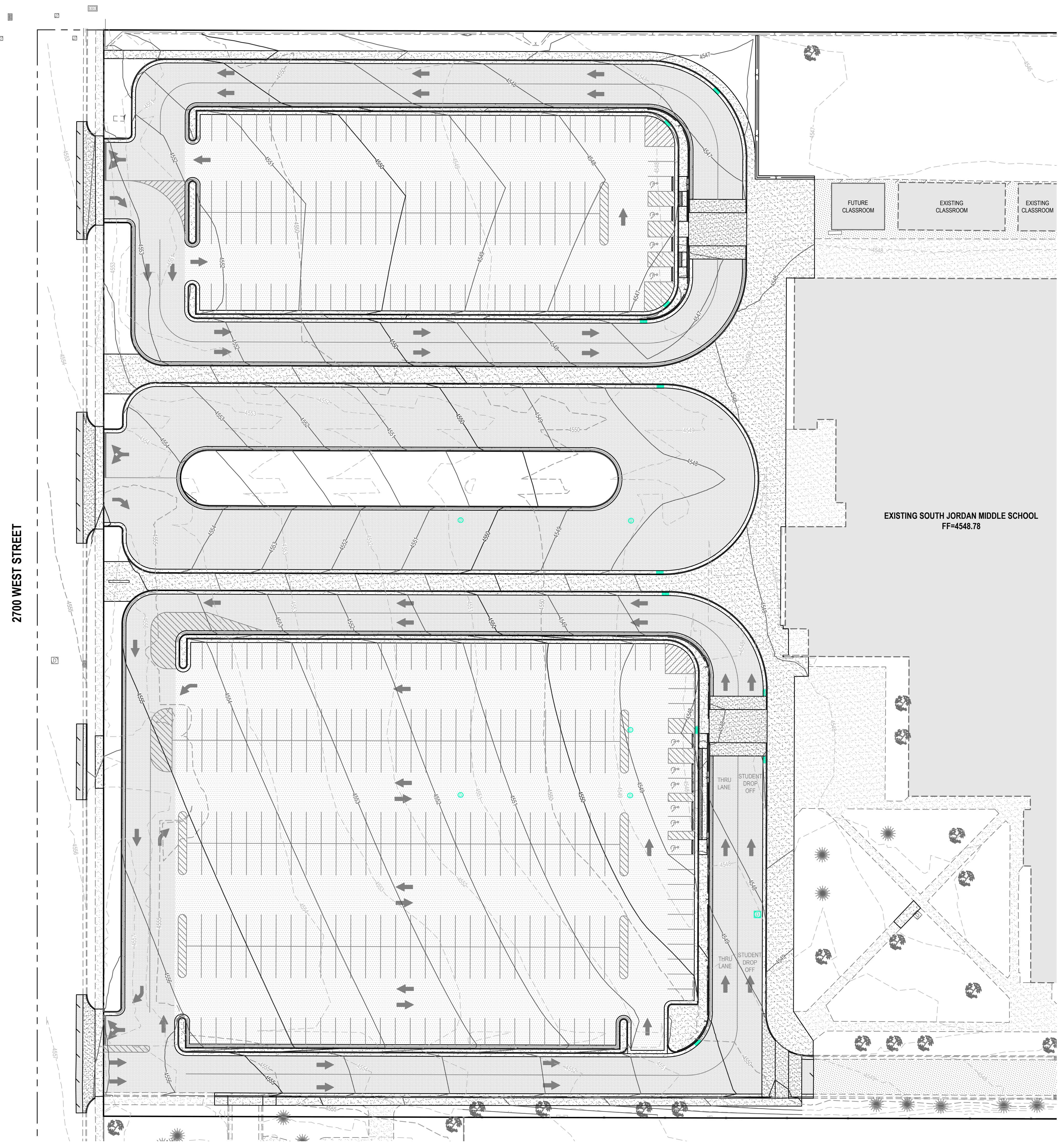


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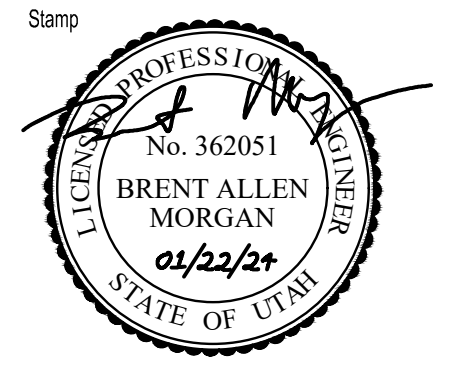
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2700 WEST STREET



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Jordan School District
7905 South Redwood Road
West Jordan, Utah 84088

Project For
The
Jordan
School District
Board of
Education

South Jordan
Middle School
Parking Lot Addition
10245 South 2700 West
South Jordan, Utah

Project Phase
Bid Documents

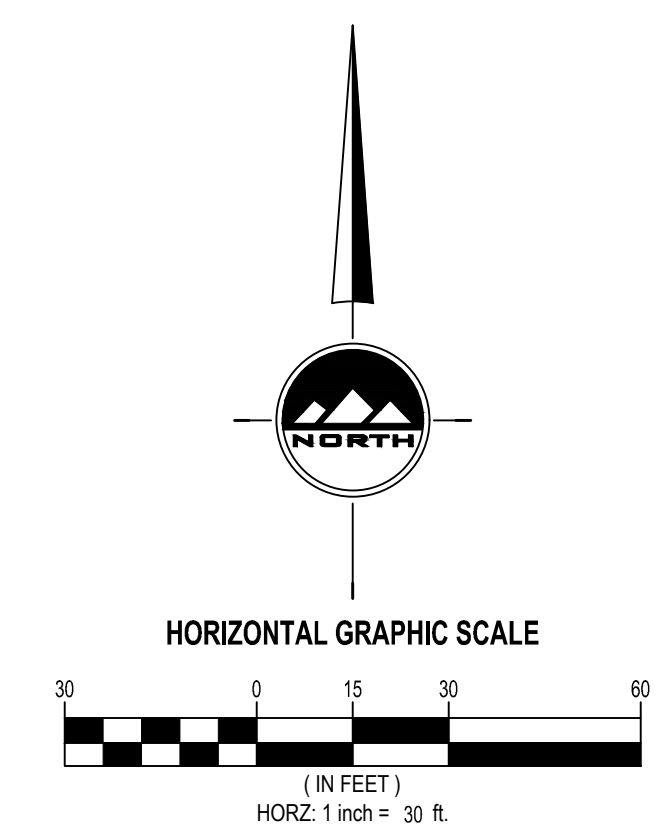
Revision Schedule		
No.	Description	Date

NWL Project Number
136.020

Project Issue Date
January 22, 2024

Sheet Title
Overall Grading Plan

Sheet Number

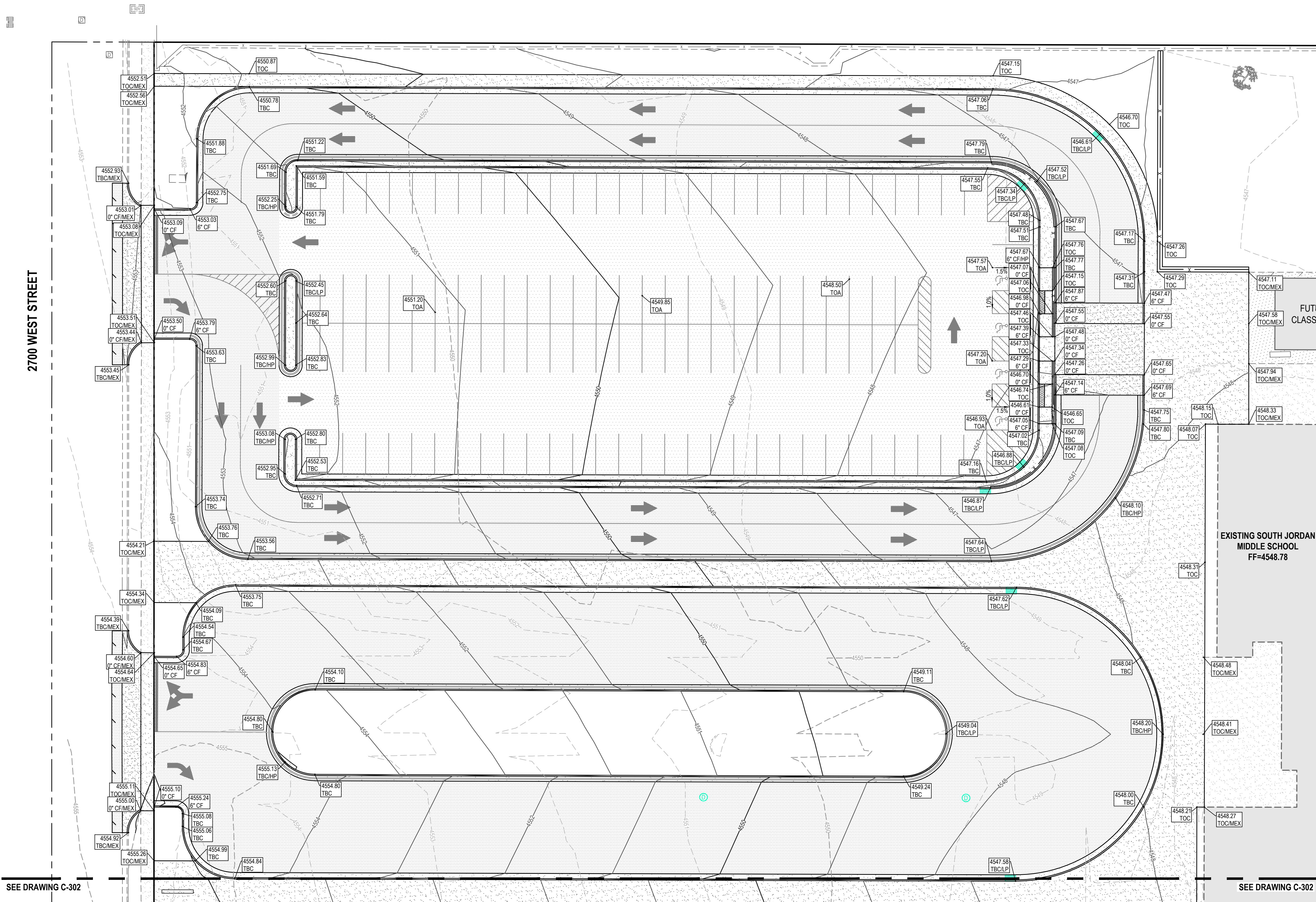


BENCHMARK
NORTH QUARTER CORNER SECTION 16,
TOWNSHIP 3 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
(FOUND BRASS CAP)
ELEV = 4552.51'

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C-300

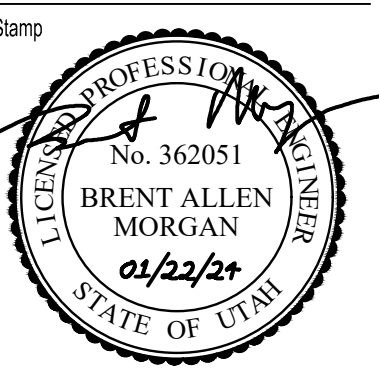


SEE DRAWING C-302

SEE DRAWING C-302

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Jordan School District
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Project For
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South Jordan
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Project Phase
Bid Documents

Revision Schedule		
No.	Description	Date

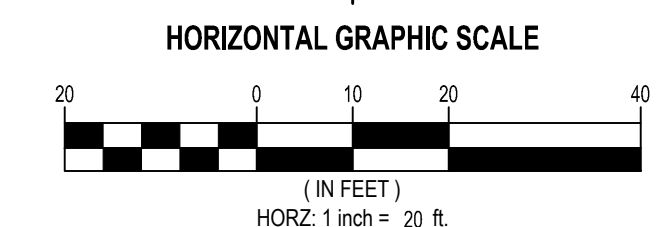
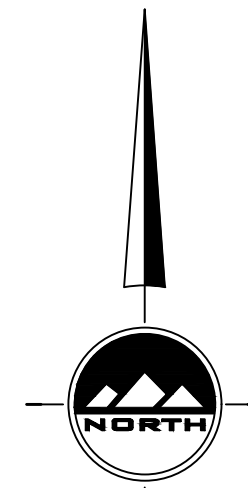
NWL Project Number
136.020

Project Issue Date
January 22, 2024

Sheet Title
Grading Plan

Sheet Number

C-301



BENCHMARK

NORTH QUARTER CORNER SECTION 16,
TOWNSHIP 3 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
(FOUND BRASS CAP)
ELEV = 4552.51'

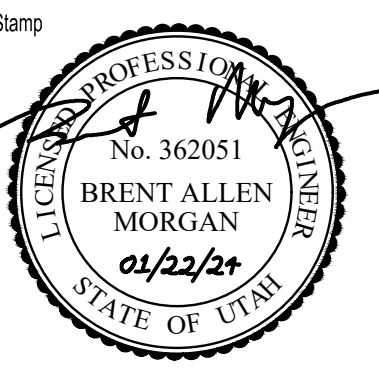
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SEE DRAWING C-301

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Bid Documents

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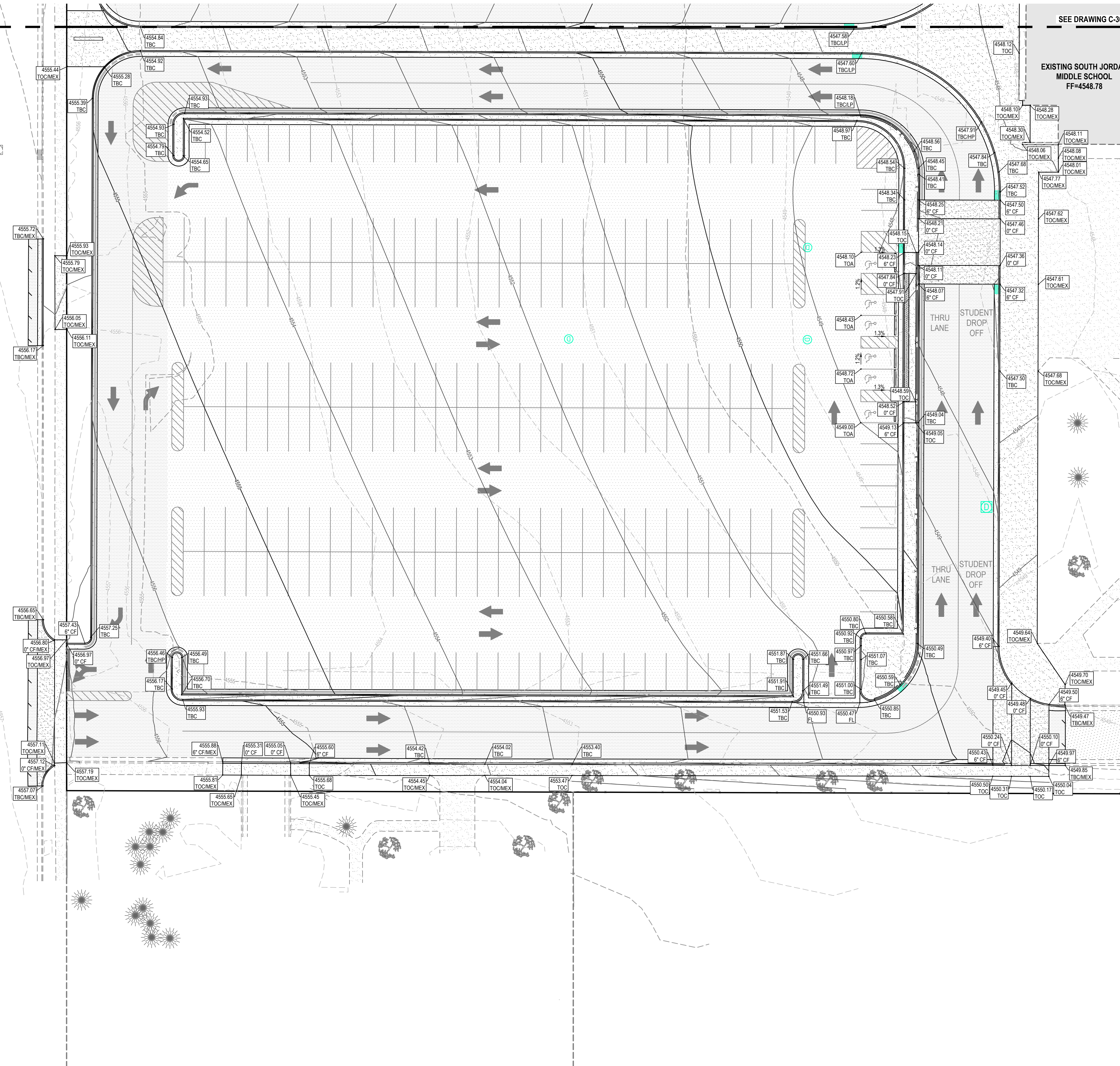
Project Issue Date
January 22, 2024

Sheet Title
Grading Plan

Sheet Number

C-302

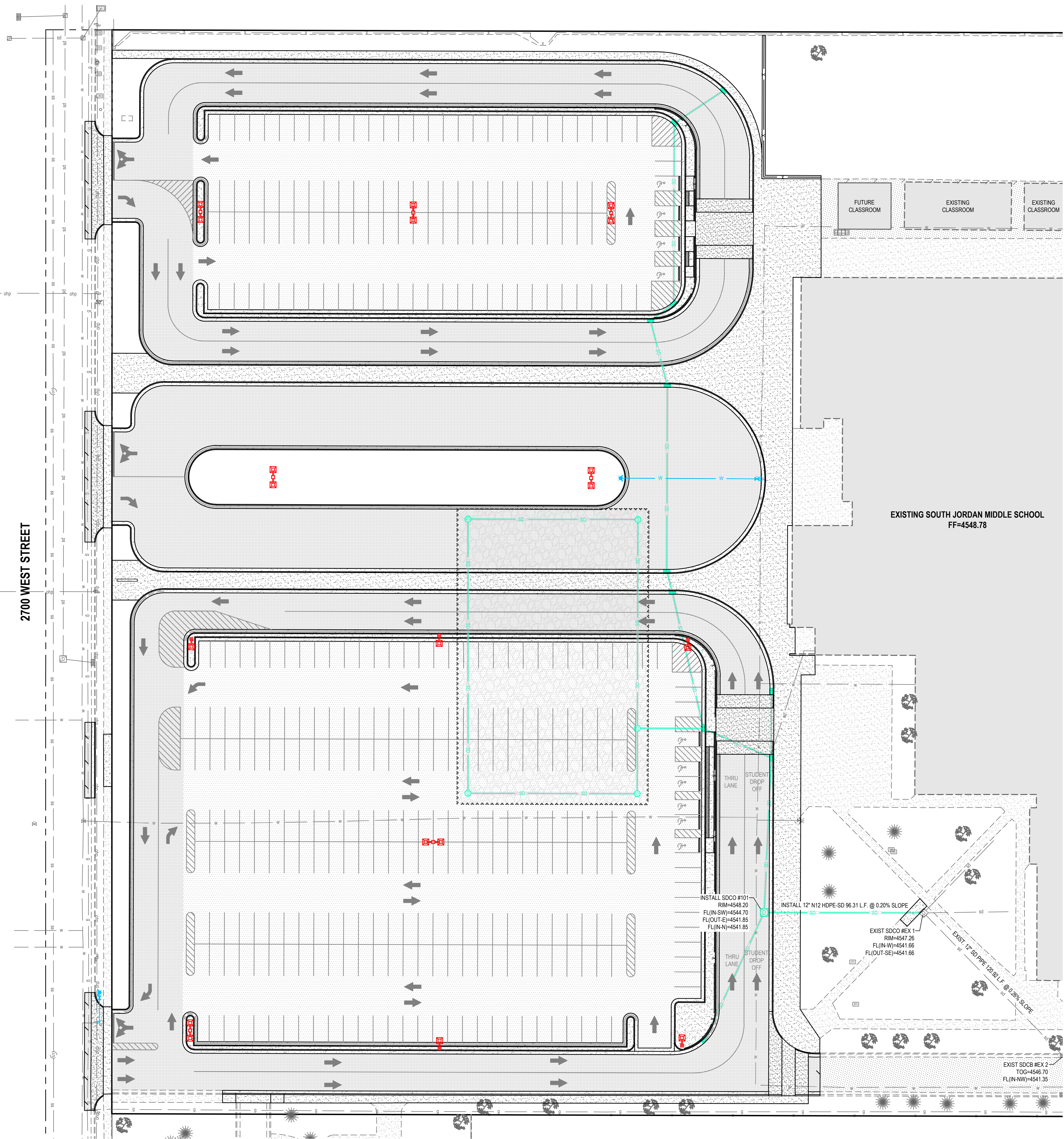
2700 WEST STREET



BENCHMARK
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TOWNSHIP 3 SOUTH, RANGE 1 WEST,
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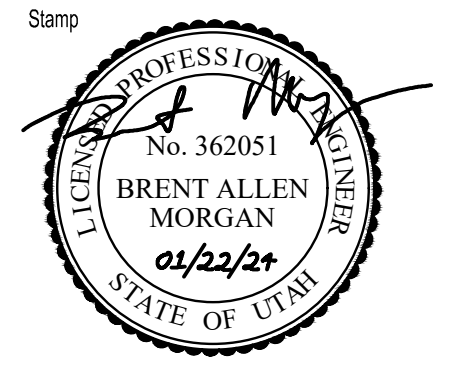
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Project For
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Project Phase
Bid Documents

Revision Schedule

No.	Description	Date

NWL Project Number
136.020

Project Issue Date
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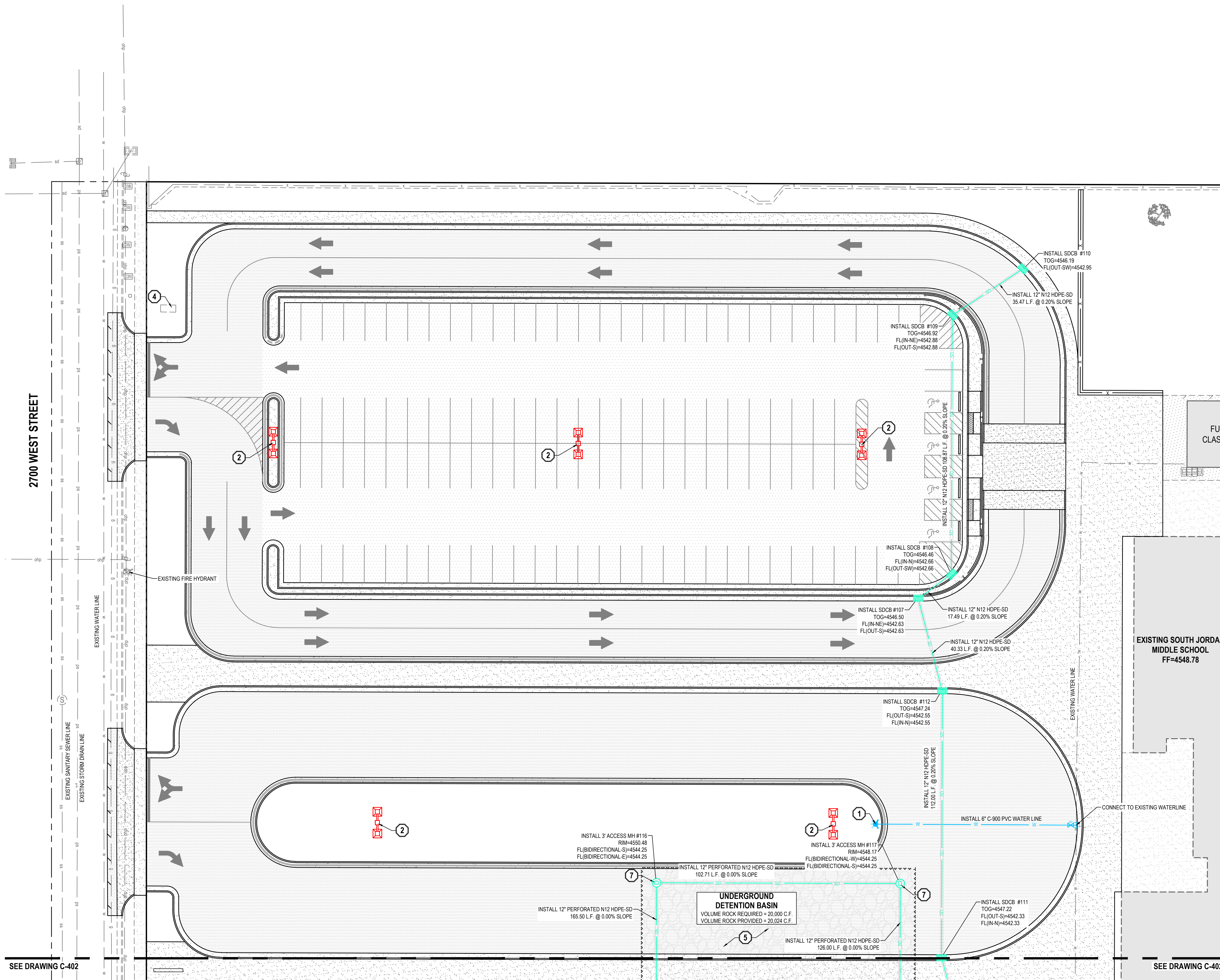
Sheet Title
Overall Utility Plan

Sheet Number

C-400

BENCHMARK
NORTH QUARTER CORNER SECTION 16,
TOWNSHIP 3 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
(FOUND BRASS CAP)
ELEV = 4552.51'





SEE DRAWING C-402

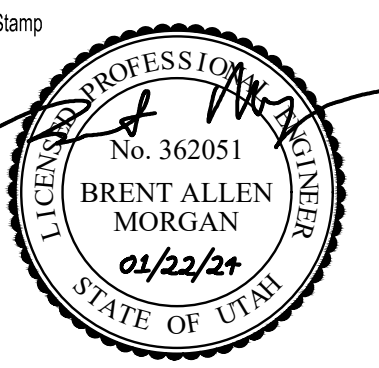
SEE DRAWING C-402

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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. FIRE HYDRANT ASSEMBLY COMPLETE PER SOUTH JORDAN CITY STANDARD DRAWING 3056.
 2. LIGHT POLE AND BASE FOR REFERENCE ONLY. SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 3. RECONNECT EXISTING ROOF DRAIN TO CATCH BASIN.
 4. RAISE UTILITY VAULT TO GRADE AS NEEDED.
- UNDERGROUND DETENTION SYSTEM: INSTALL 536 LINEAR FEET OF 12\"/>
 5. 7.17\"/>
 - TOP OF GRAVEL = 4545.25
 - TOP OF PIPE = 4545.25
 - BOTTOM OF PIPE = 4544.25
 - BOTTOM OF GRAVEL = 4544.25
 6. 7.17\"/>
 7. 3\"/>
 8. SNOT AND BIOSKIRT PER MANUFACTURERS STANDARDS AND SPECIFICATIONS. SUMP DEPTH AS REQUIRED PER MANUFACTURER.
 9. CONFIRM MINIMUM WATER LINE DEPTH IS MAINTAINED PER JURISDICTIONAL REQUIREMENTS ALONG SECTIONS OF PIPING WHERE EXCAVATION IS REQUIRED TO ACHIEVE PROPOSED ELEVATIONS PER THE GRADING PLAN. IN AREAS WHERE MINIMUM WATER LINE DEPTH IS NOT MAINTAINED, REMOVE AND REPLACE THE WATER LINE, AS REQUIRED.



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Bid Documents

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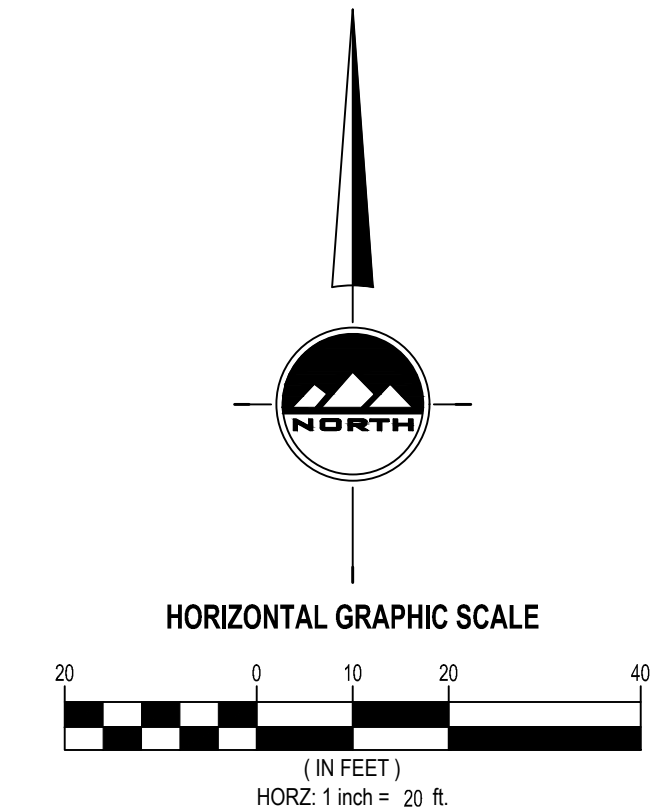
NWL Project Number
136.020

Project Issue Date
January 22, 2024

Sheet Title
Utility Plan

Sheet Number

C-401



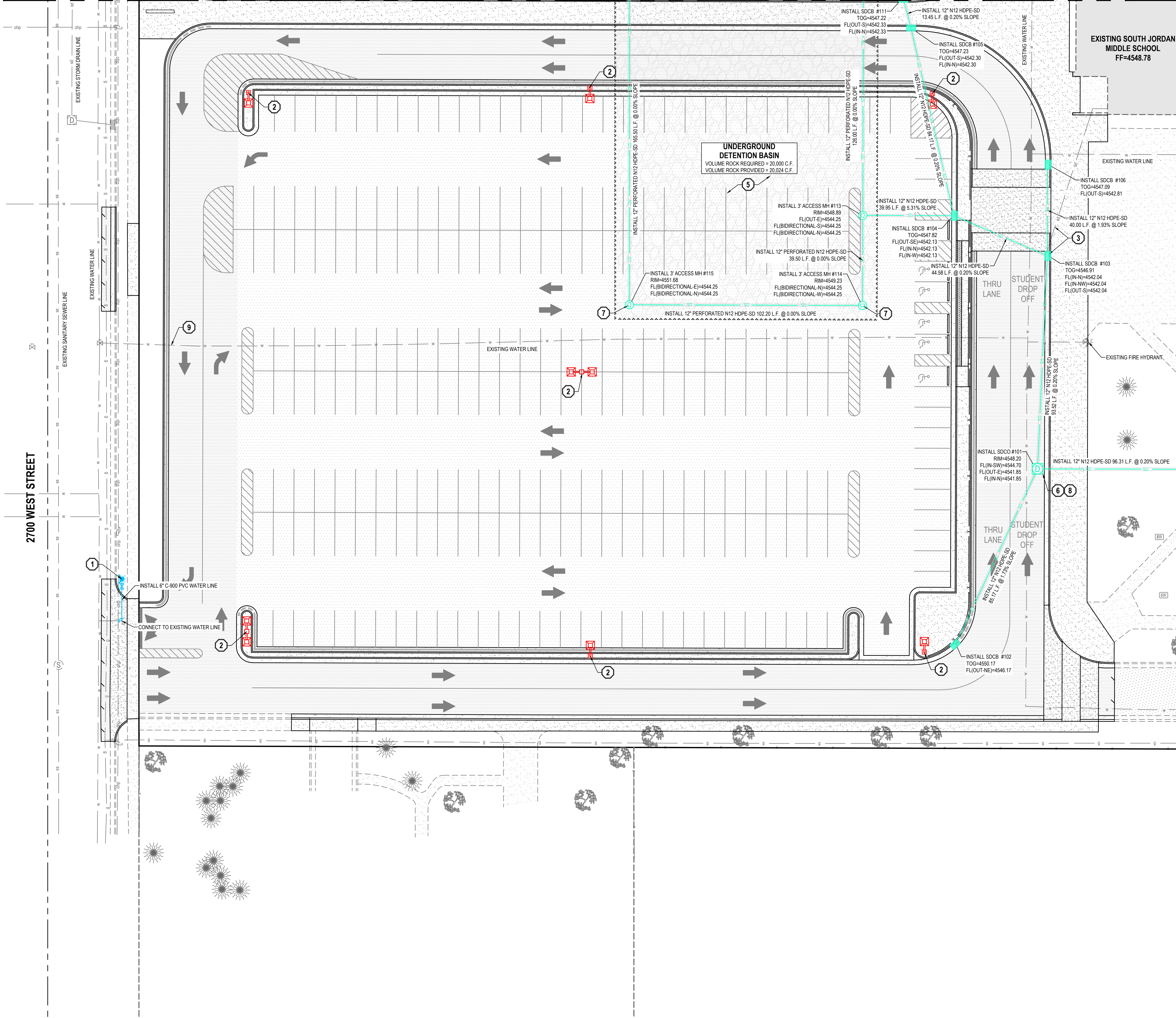
BENCHMARK

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SEE DRAWING C-401

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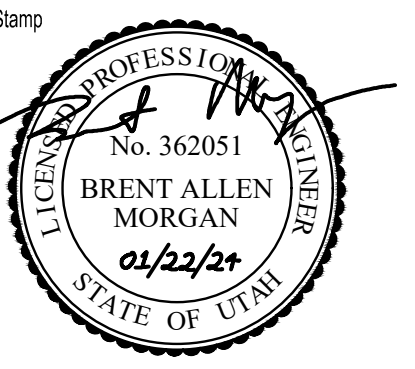


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- THE CONTRACTOR IS TO COORDINATE ALL UTILITIES WITH MECHANICAL/PLUMBING PLANS.
- NOTIFY ENGINEER OF ANY DISCREPANCIES IN DESIGN OR STAKING BEFORE PLACING UTILITY STRUCTURES OR PIPES.
- THE CONTRACTOR SHALL ADJUST TO GRADE ALL EXISTING UTILITIES AS NEEDED PER LOCAL GOVERNING AGENCY'S STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR IS TO PROTECT AND PRESERVE ALL EXISTING IMPROVEMENTS, UTILITIES, AND SIGNS, ETC. UNLESS OTHERWISE NOTED ON THESE PLANS.

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:
- FIRE HYDRANT ASSEMBLY COMPLETE PER SOUTH JORDAN CITY STANDARD DRAWING 3056.
 - LIGHT POLE AND BASE FOR REFERENCE ONLY. SEE ARCHITECTURAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
 - RECONNECT EXISTING ROOF DRAIN TO CATCH BASIN.
 - RAISE UTILITY VAULT TO GRADE AS NEEDED.
- UNDERGROUND DETENTION SYSTEM: INSTALL 536 LINEAR FEET OF 12" PERFORATED N-12 HDPE PER MANUFACTURER'S RECOMMENDATIONS. MAINTAIN A MINIMUM OF 2' OF COVER ABOVE TOP OF EACH PIPE. FOR ENTIRE SYSTEM. SLOPE=0.00%. FILL ENTIRE EXCAVATION TO THE TOP AND BOTTOM OF THE PIPING WITH FREE DRAINING GRANULAR MATERIAL (3/4" SEWER ROCK, MINIMUM VOID RATIO<0.40). EXTEND GRAVEL 5.5' MINIMUM BEYOND EDGE OF PIPES AND WRAP WITH MIRAFI 140N FABRIC. FILL REMAINDER OF EXCAVATION WITH ANGULAR, WELL GRADED GRANULAR FILL CONSISTENT WITH AASHTO A-1, A-2, OR A-3 CLASSIFICATION.
- TOP OF GRAVEL = 4545.25
 - TOP OF PIPE = 4545.25
 - BOTTOM OF PIPE = 4544.25
 - BOTTOM OF GRAVEL = 4544.25
- 7.17" DIAMETER ORIFICE PLATE PER DETAIL 91C-600, INSTALLED ON EAST SIDE OF STORM DRAIN BOX.
 - 3'Ø ACCESS MANHOLE FOR UNDERGROUND RETENTION CHAMBER SYSTEM WITH SOLID COVER.
 - SNOUT AND BIOSKIRT PER MANUFACTURERS STANDARDS AND SPECIFICATIONS. SUMP DEPTH AS REQUIRED PER MANUFACTURER.
- CONFIRM MINIMUM WATER LINE DEPTH IS MAINTAINED PER JURISDICTIONAL REQUIREMENTS ALONG SECTIONS OF PIPING WHERE EXCAVATION IS REQUIRED TO ACHIEVE PROPOSED ELEVATIONS PER THE GRADING PLAN. IN AREAS WHERE MINIMUM WATER LINE DEPTH IS NOT MAINTAINED, REMOVE AND REPLACE THE WATER LINE, AS REQUIRED.



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Jordan School District
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Project For
The
Jordan
School District
Board of
Education

South Jordan
Middle School
Parking Lot Addition
10245 South 2700 West
South Jordan, Utah

Project Phase
Bid Documents

Revision Schedule

No.	Description	Date

NWL Project Number
136.020

Project Issue Date
January 22, 2024

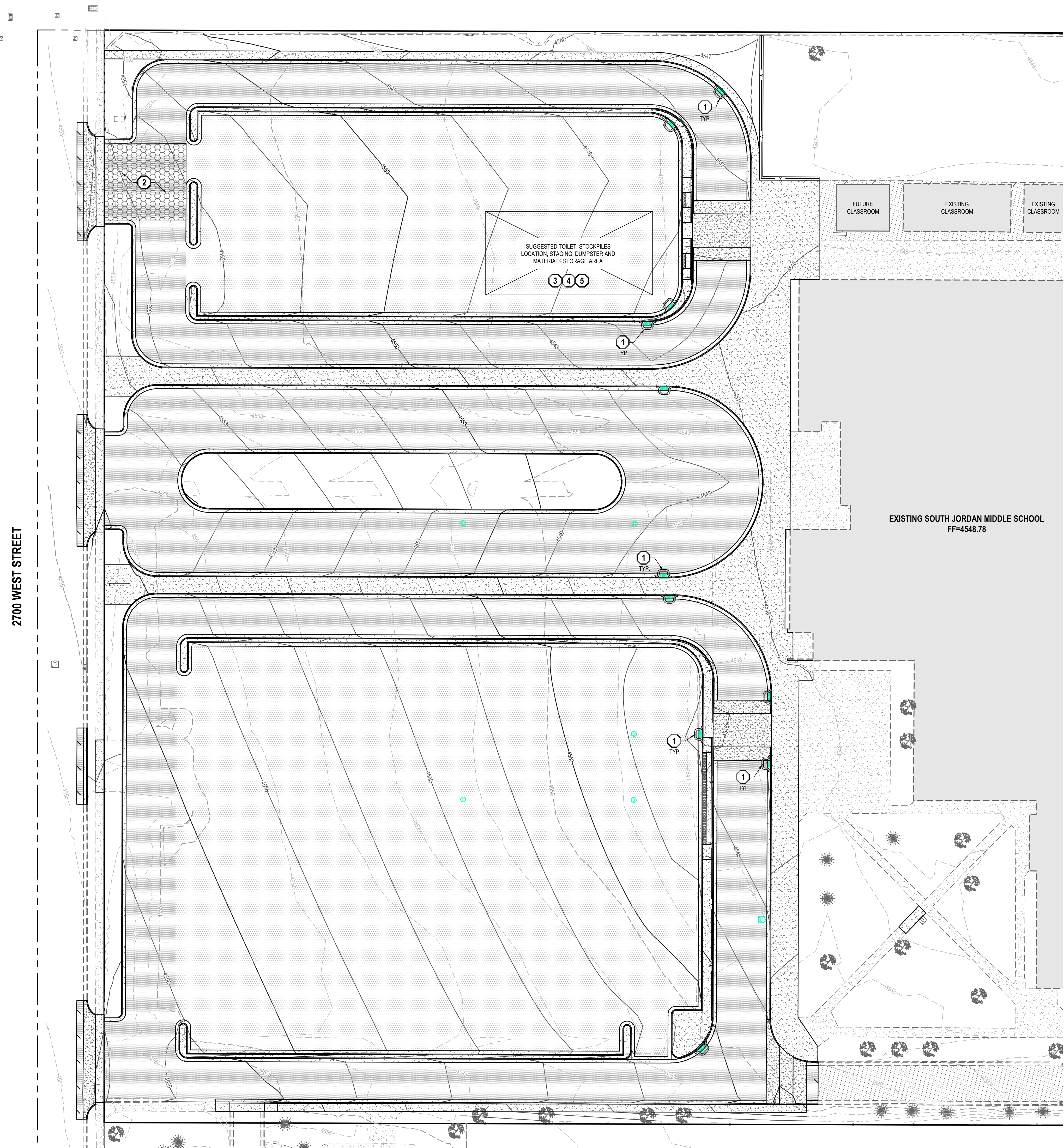
Sheet Title
Utility Plan

Sheet Number

C-402

BENCHMARK
NORTH QUARTER CORNER SECTION 16,
TOWNSHIP 3 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
(FOUND BRASS CAP)
ELEV = 4552.51'

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



2700 WEST STREET

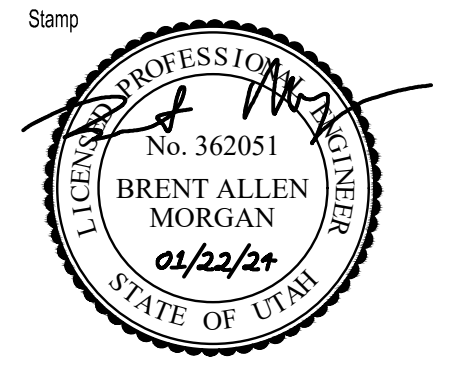
GENERAL NOTES

1. THIS PLAN IS DESIGNED AS A FIRST APPRAISAL OF NECESSARY MEANS TO PROTECT THE WATERS OF THE STATE FROM POTENTIAL POLLUTION. IT IS THE RESPONSIBILITY OF THE OWNER/OPERATOR TO ADD WARRANTED BEST MANAGEMENT PRACTICES (BMP'S) AS NECESSARY. MODIFY THOSE SHOWN AS APPROPRIATE, AND DELETE FROM THE PROJECT THOSE FOUND TO BE UNNECESSARY. FEDERAL AND STATE LAW ALLOWS THESE UPDATES TO BE MADE BY THE OWNER/OPERATOR ONSITE AND RECORDED BY THE OWNER/OPERATOR ON THE COPY OF THE SWPPP KEPT ONSITE.
2. DISTURBED LAND SHALL BE KEPT TO A MINIMUM. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. HOWEVER, WHERE CONSTRUCTION ACTIVITY ON A PORTION OF THE SITE IS TEMPORARILY CEASED, AND EARTH DISTURBING ACTIVITIES WILL BE RESUMED WITHIN 21 DAYS, TEMPORARY STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE.
3. RESEED DISTURBED LAND WITH NATIVE GRASS MIXTURE WITHIN 14 CALENDAR DAYS OF ACHIEVEMENT OF FINISH GRADE TO STABILIZE SOILS IF LAND IS NOT TO BE RE-WORKED WITHIN 14 CALENDAR DAYS OF THE CESSATION OF CONSTRUCTION ACTIVITIES AT THAT LOCATION.
4. DETAILS SHOWN ARE TO BE EMPLOYED TO PROTECT RUNOFF AS APPROPRIATE DURING CONSTRUCTION. NOT ALL DETAILS ARE NECESSARY AT ALL PHASES OF THE PROJECT. IT SHALL BE THE RESPONSIBILITY OF THE OWNER/OPERATOR TO USE APPROPRIATE BEST MANAGEMENT PRACTICES AT THE APPROPRIATE PHASE OF CONSTRUCTION. SEE SWPPP FOR BMP IMPLEMENTATION SCHEDULE.
5. VARIOUS BEST MANAGEMENT PRACTICES HAVE BEEN SHOWN ON THE PLANS AT SUGGESTED LOCATIONS. THE CONTRACTOR MAY MOVE AND RECONFIGURE THESE BMP'S TO OTHER LOCATIONS IF PREFERRED, PROVIDED THE INTENT OF THE DESIGN IS PRESERVED.
6. NOT ALL POSSIBLE BMP'S HAVE BEEN SHOWN. THE CONTRACTOR IS RESPONSIBLE TO APPLY CORRECT MEASURES TO PREVENT THE POLLUTION OF STORM WATER PER PROJECT SWPPP.
7. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES 1 ACRE OR MORE.

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 INLET PROTECTION PER DETAIL 6/C-600.
- 2 VEHICLE WASHDOWN AND STABILIZED CONSTRUCTION ENTRANCE PER DETAIL 6/C-600.
- 3 PORTABLE TOILET.
- 4 SUGGESTED TEMPORARY CONSTRUCTION SITE PARKING, STAGING, DUMPSTER, AND MATERIAL STORAGE AREA.
- 5 SUGGESTED STOCKPILE AREA.



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Project For
The
Jordan
School District
Board of
Education

South Jordan
Middle School
Parking Lot Addition
10245 South 2700 West
South Jordan, Utah

Project Phase
Bid Documents

Revision Schedule		
No.	Description	Date

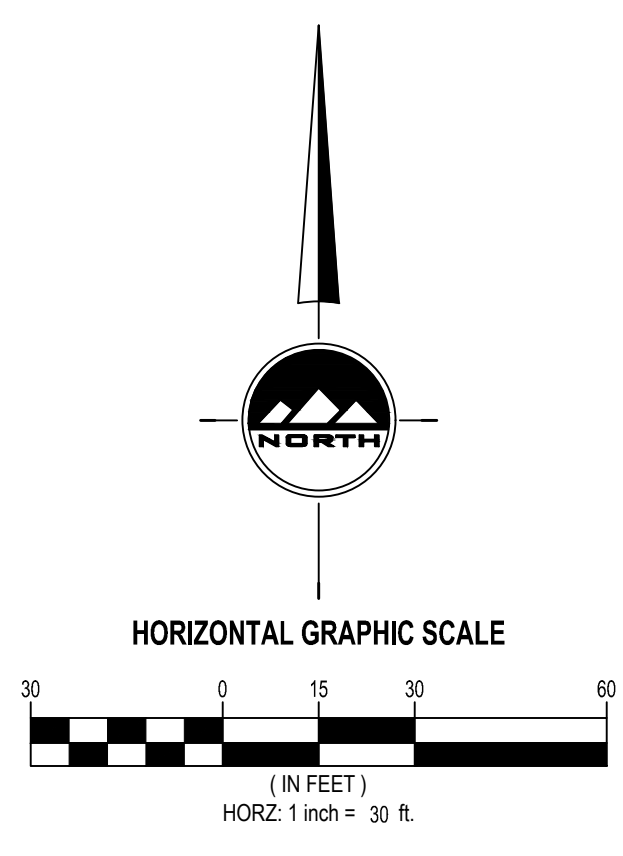
NWL Project Number
136.020

Project Issue Date
January 22, 2024

Sheet Title
Erosion Control Plan

Sheet Number

C-500

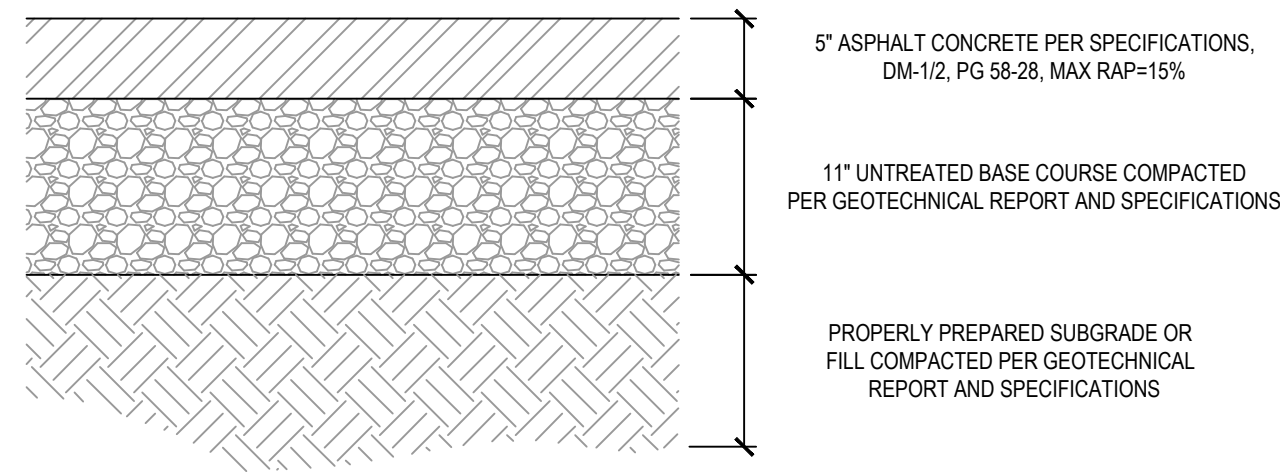


BENCHMARK
NORTH QUARTER CORNER SECTION 16,
TOWNSHIP 3 SOUTH, RANGE 1 WEST,
SALT LAKE BASE AND MERIDIAN
(FOUND BRASS CAP)
ELEV = 4562.51'



ASPHALT NOTES

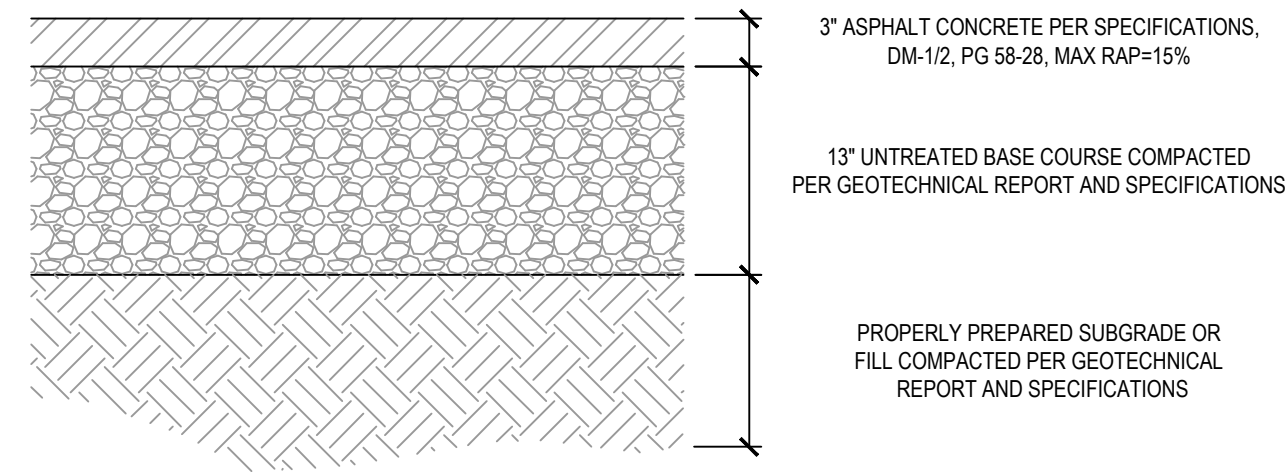
1. ALL PAVING TO BE PLACED OVER PROPERLY PREPARED NATURAL SOILS AND/OR PROPERLY PREPARED EXISTING FILL SOILS AND PROPERLY COMPACTED STRUCTURAL FILL WHERE SPECIFIED.
2. ALL STRUCTURAL FILL TO BE PLACED AND COMPACTED PER THE PROJECT GEOTECHNICAL REPORT OR TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE AASHTO T-190 (D-1557) METHOD OF COMPACTION. LIFTS SHOULD BE PLACED PER GEOTECHNICAL RECOMMENDATIONS BUT SHOULD NOT EXCEED 8" IN LOOSE THICKNESS.
3. REMOVE SURFACE VEGETATION AND OTHER DELETERIOUS MATERIALS OVER THE ENTIRE SITE IN PREPARATION OF PROPOSED IMPROVEMENTS.



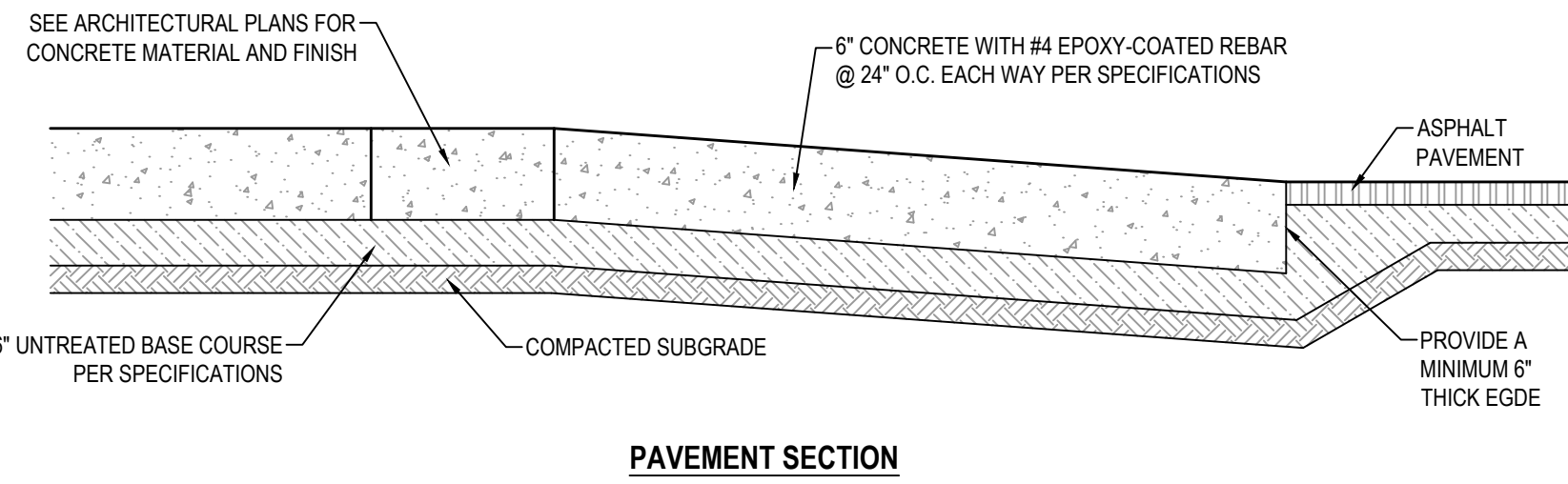
1 HEAVY-DUTY ASPHALT SECTION SCALE: NONE

ASPHALT NOTES

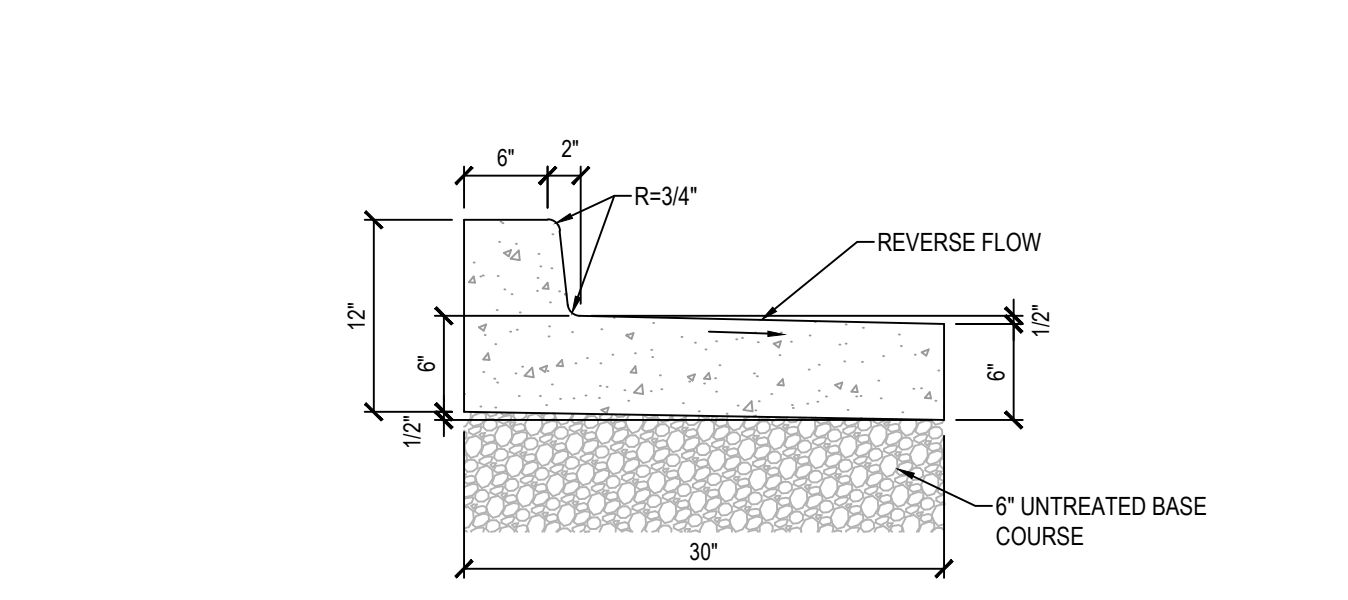
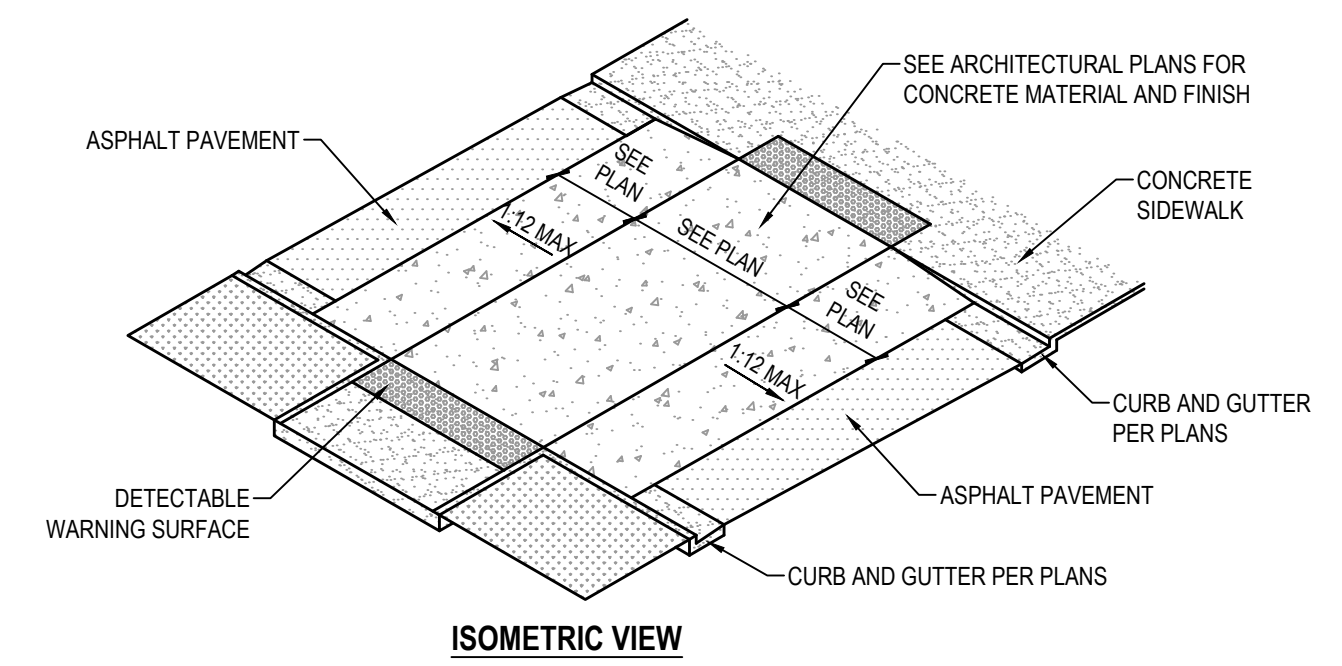
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2. ALL STRUCTURAL FILL TO BE PLACED AND COMPACTED PER THE PROJECT GEOTECHNICAL REPORT OR TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE AASHTO T-190 (D-1557) METHOD OF COMPACTION. LIFTS SHOULD BE PLACED PER GEOTECHNICAL RECOMMENDATIONS BUT SHOULD NOT EXCEED 8" IN LOOSE THICKNESS.
3. REMOVE SURFACE VEGETATION AND OTHER DELETERIOUS MATERIALS OVER THE ENTIRE SITE IN PREPARATION OF PROPOSED IMPROVEMENTS.



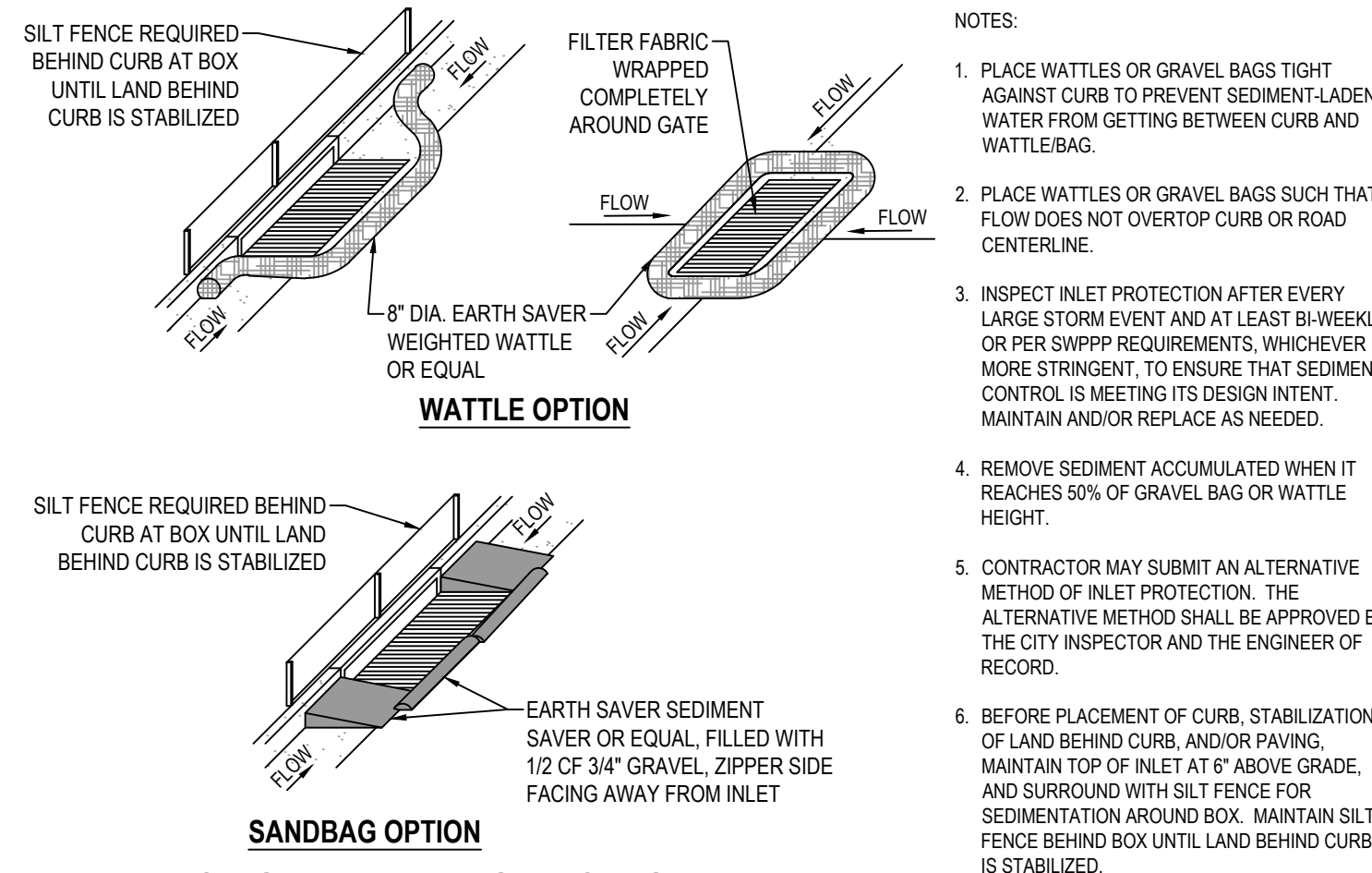
2 LIGHT-DUTY ASPHALT SECTION SCALE: NONE



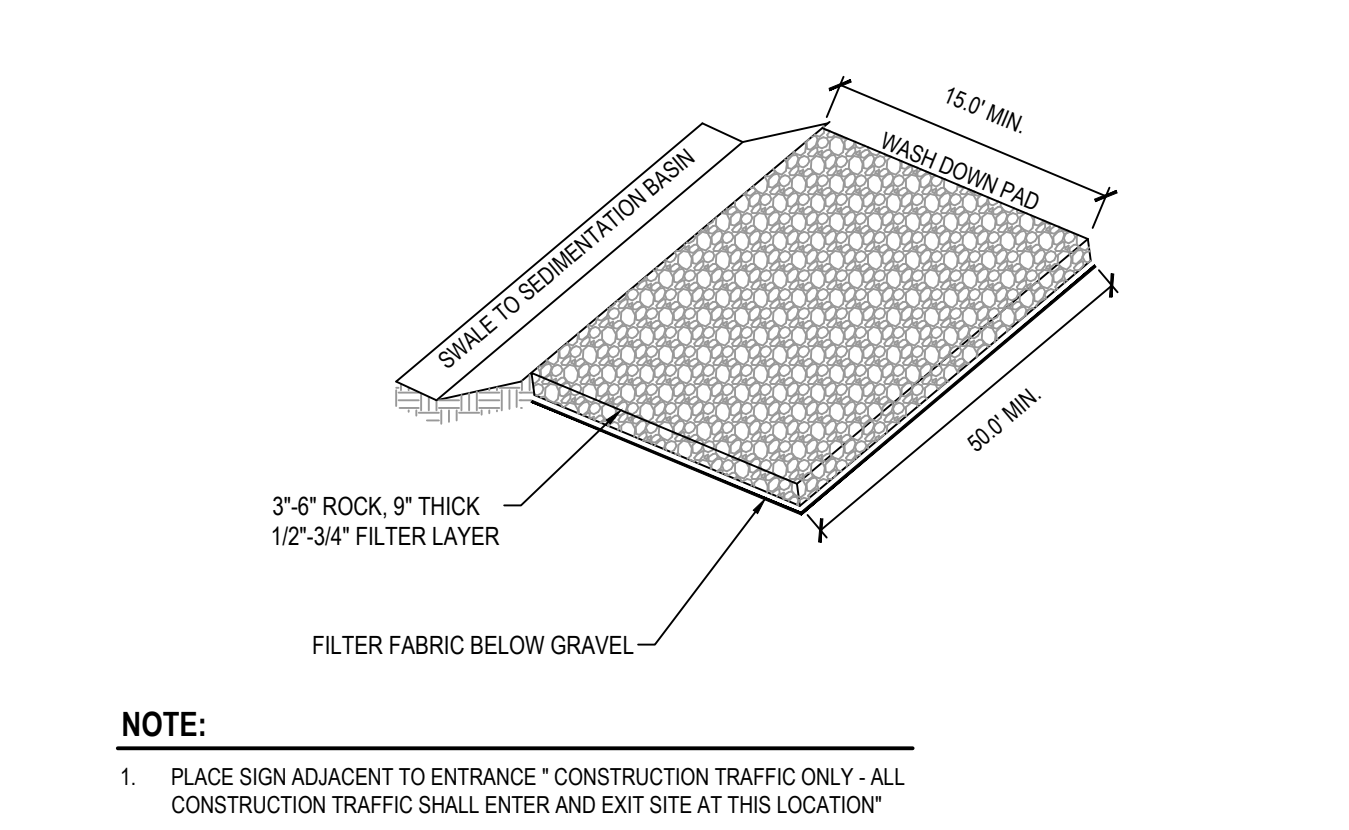
3 PEDESTRIAN RAMP SCALE: NONE



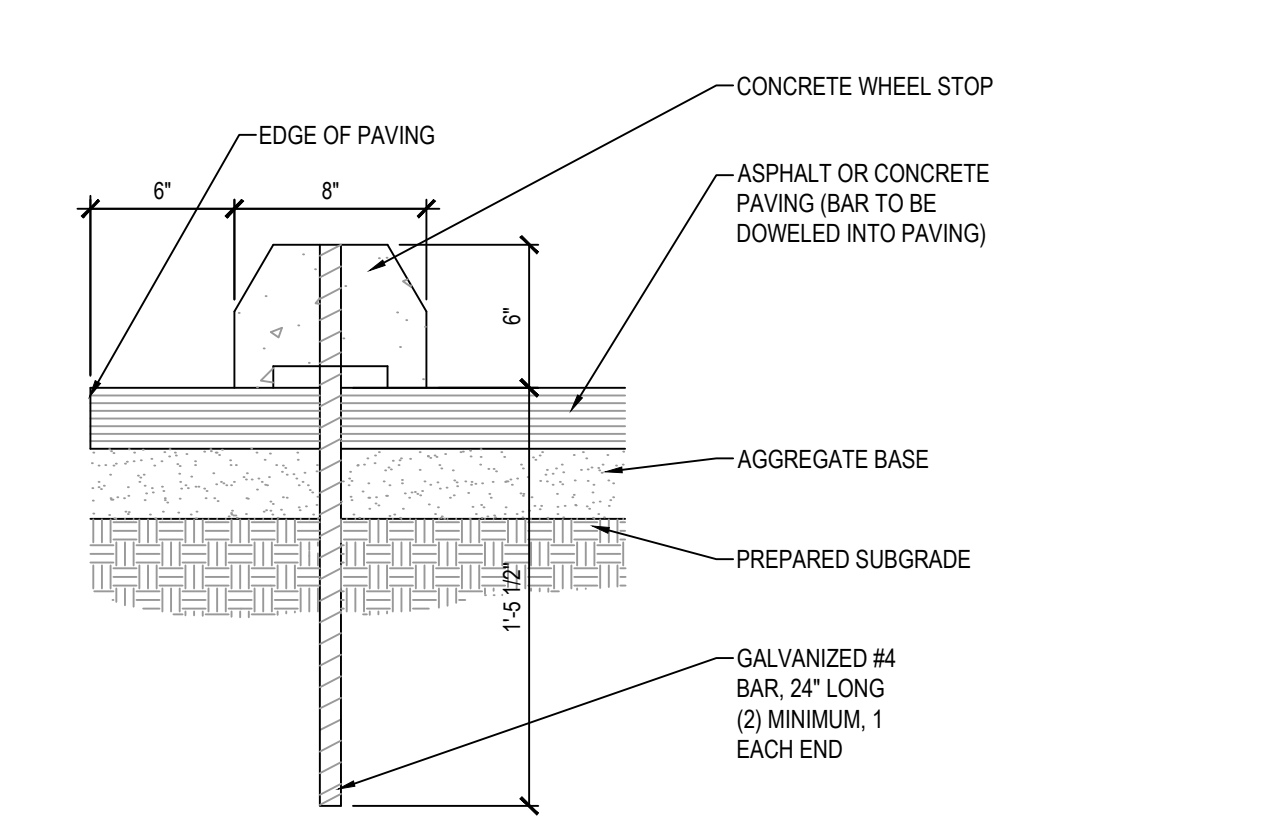
4 30" REVERSE PAN CURB AND GUTTER SCALE: NONE



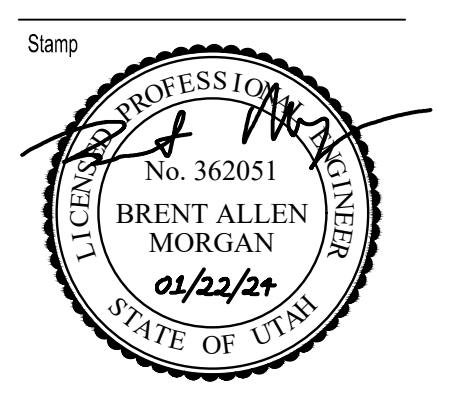
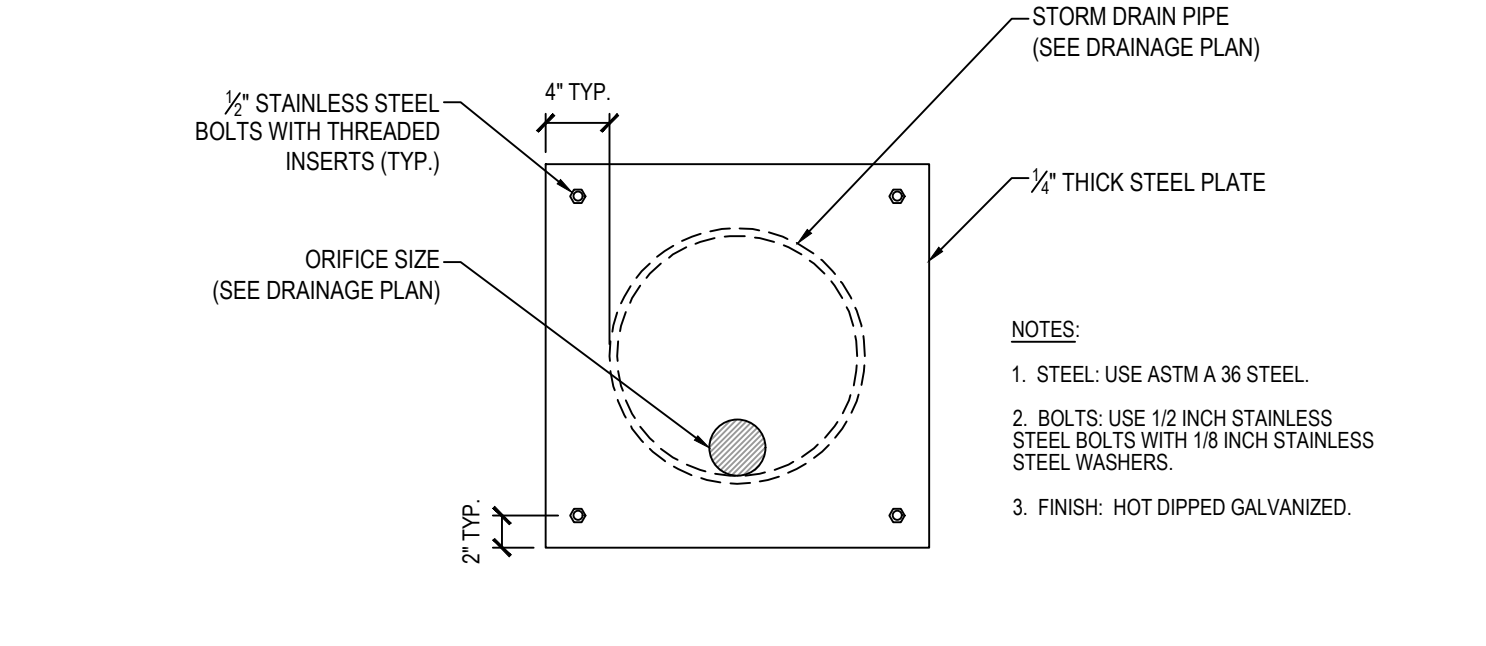
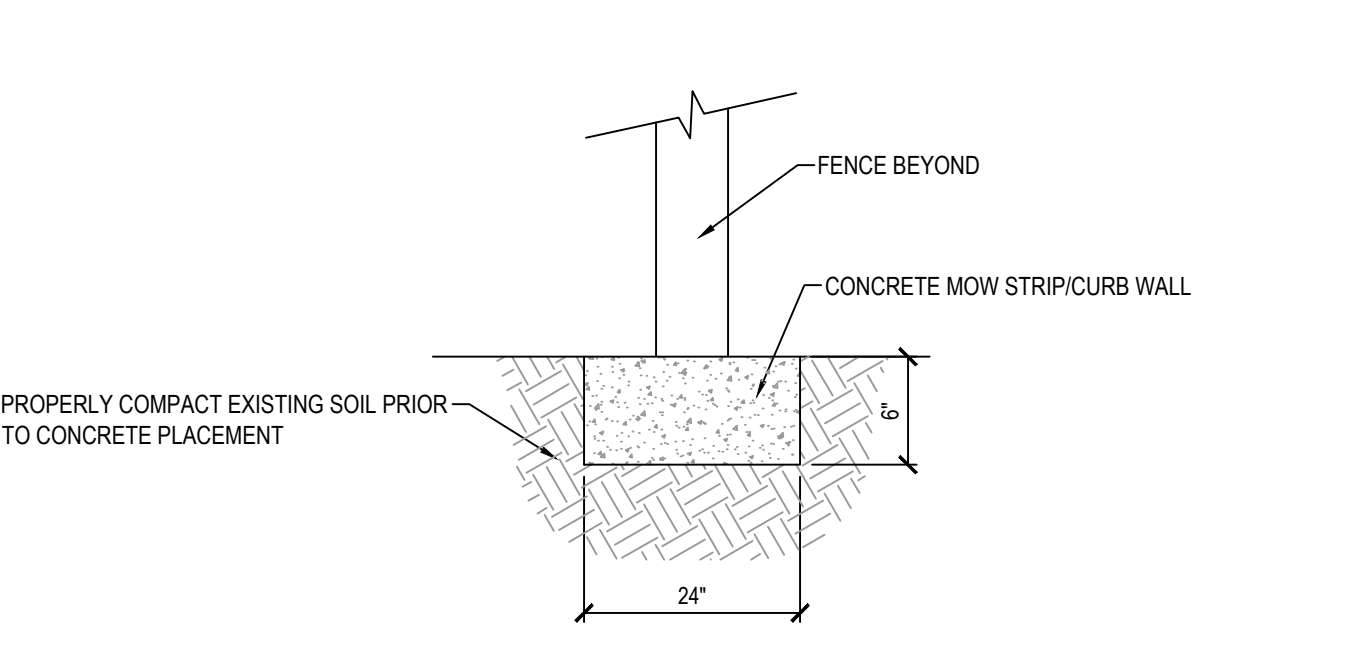
5 SAG INLET PROTECTION SCALE: NONE



6 STABILIZED CONSTRUCTION ENTRANCE SCALE: NONE



7 CONCRETE WHEEL STOP SCALE: NONE



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Project Phase
Bid Documents

Revision Schedule		
No.	Description	Date

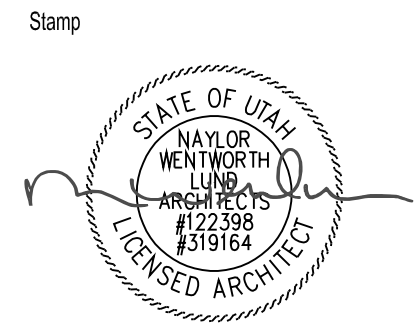
NW Project Number
136.020

Project Issue Date
January 22, 2024

Sheet Title
Civil Details

Sheet Number

C-600



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No.	Description	Date

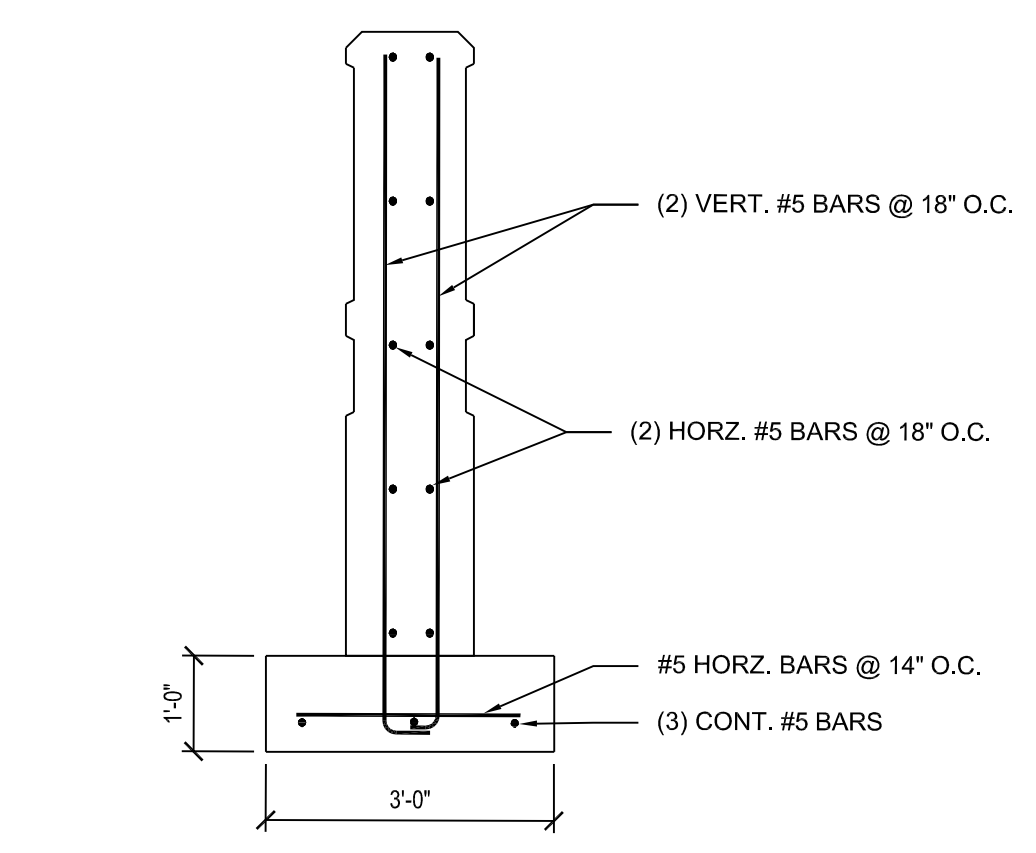
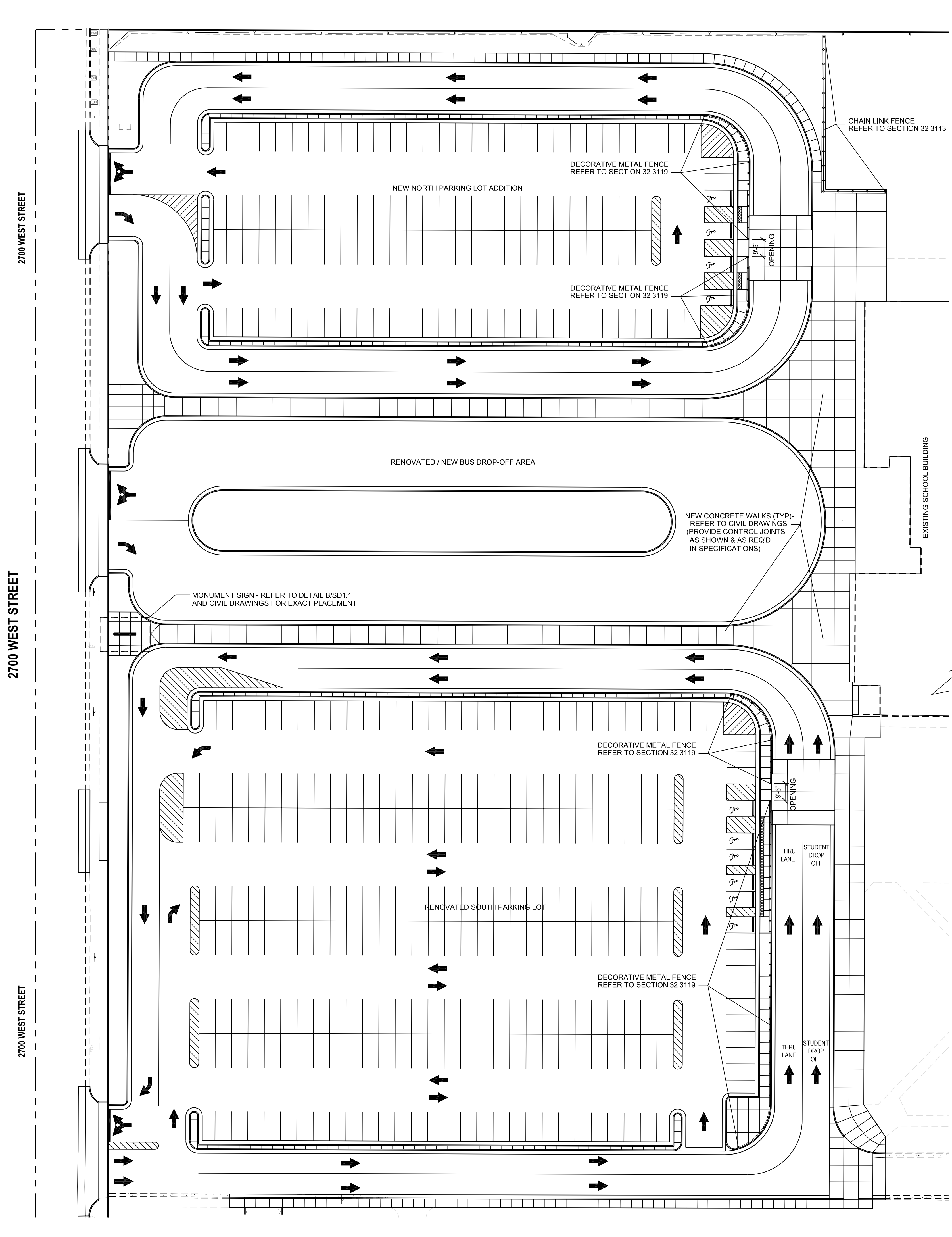
NWL Project Number
136.020

Project Issue Date
January 22, 2024

Sheet Title
**MONUMENT SIGN
DETAIL**

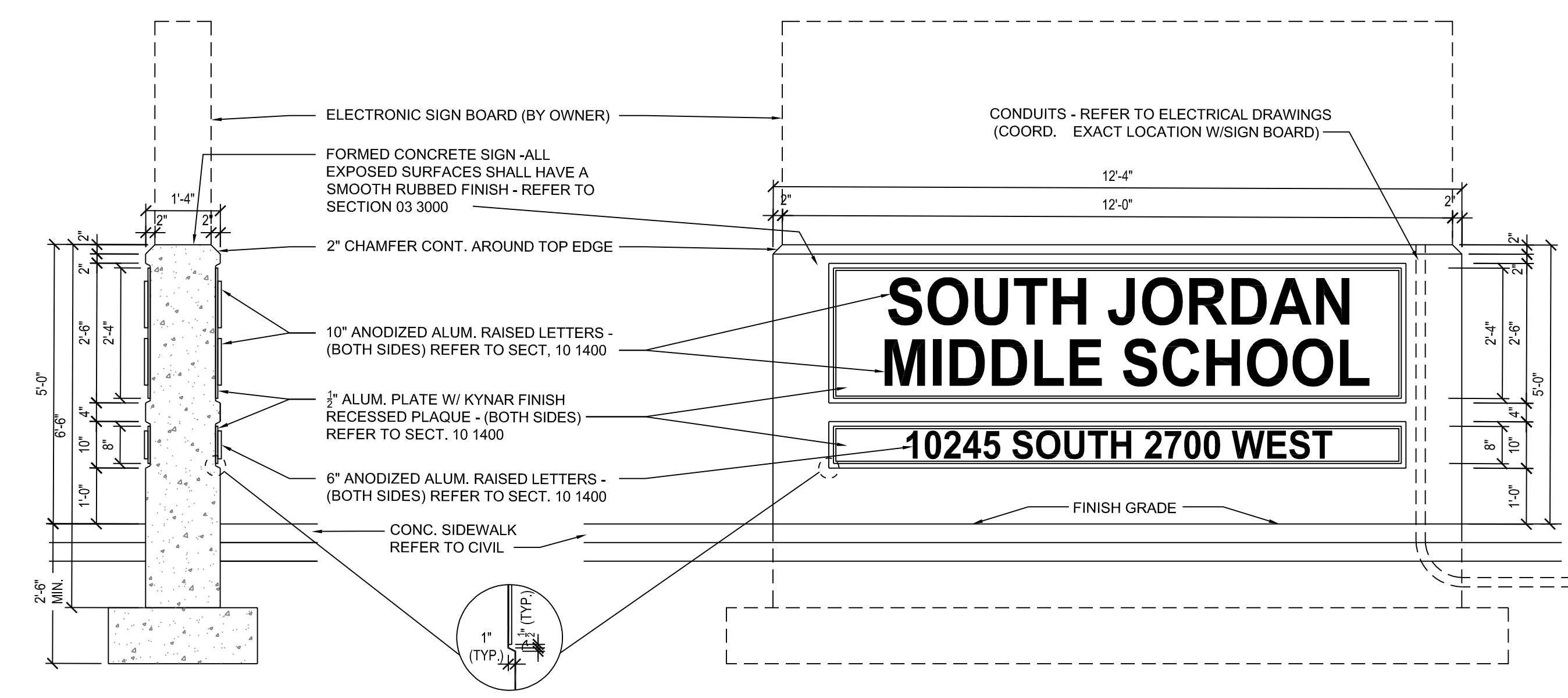
Sheet Number

SD1.1



- GENERAL REQUIREMENTS
1. CONCRETE: $F_c = 5,000$ psi
 2. MINIMUM REBAR COVER = 1" IN WALL; 3" IN FOOTING
 3. REINFORCING: A615 Gr 60

REINFORCING REQUIREMENTS

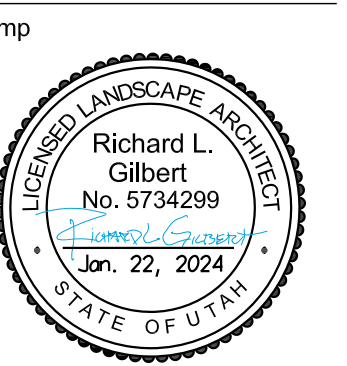
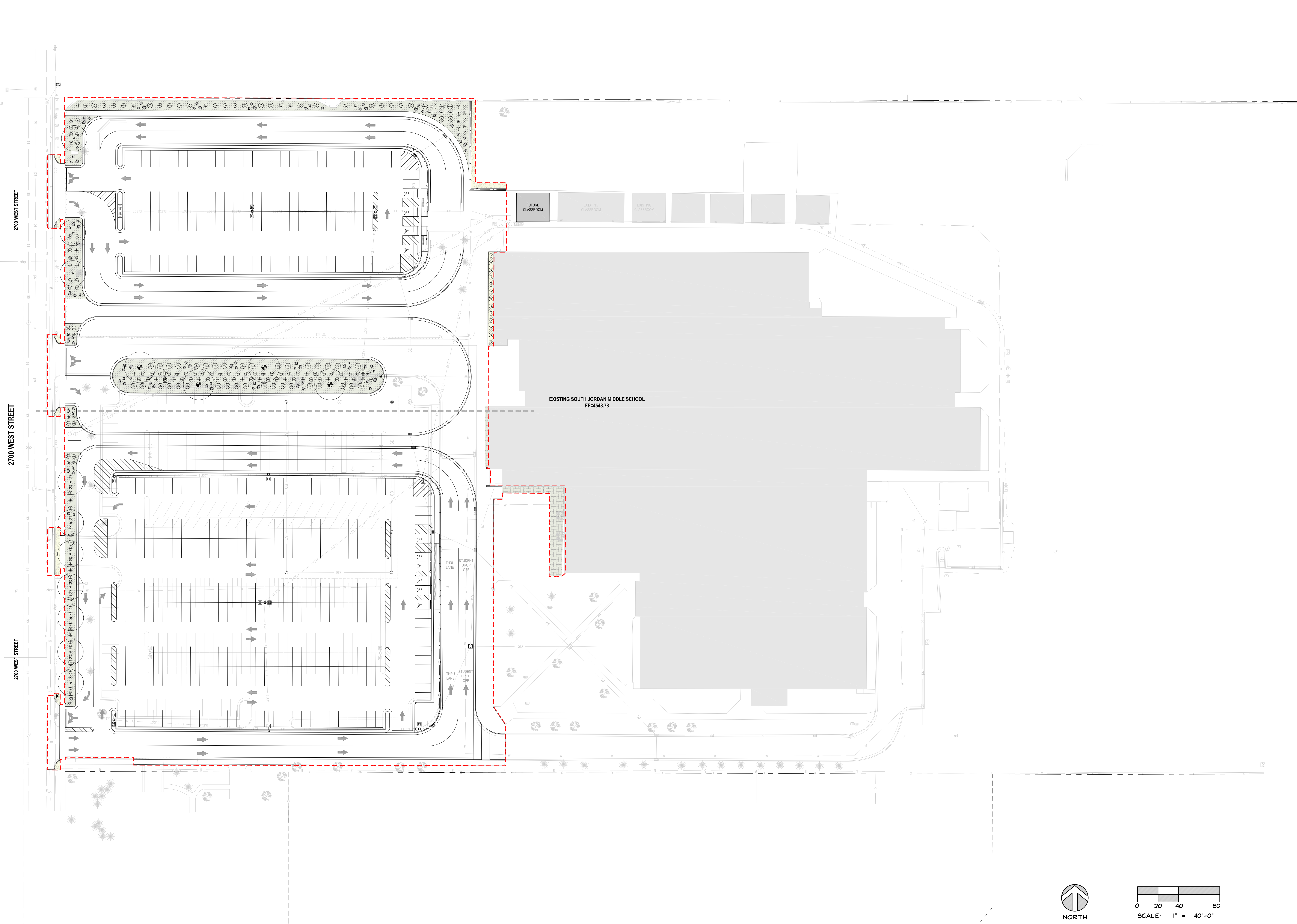


MONUMENT SIGN SECTION

MONUMENT SIGN ELEVATION (both sides identical)

B MONUMENT SIGN DETAIL (BID ALTERNATE #1)
Scale: 1/2" = 1'-0"

A ARCHITECTURAL SITE PLAN
Scale: 1" = 30'



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Sheet Title

Sheet Number

OVERALL LANDSCAPE PLAN

L-L100

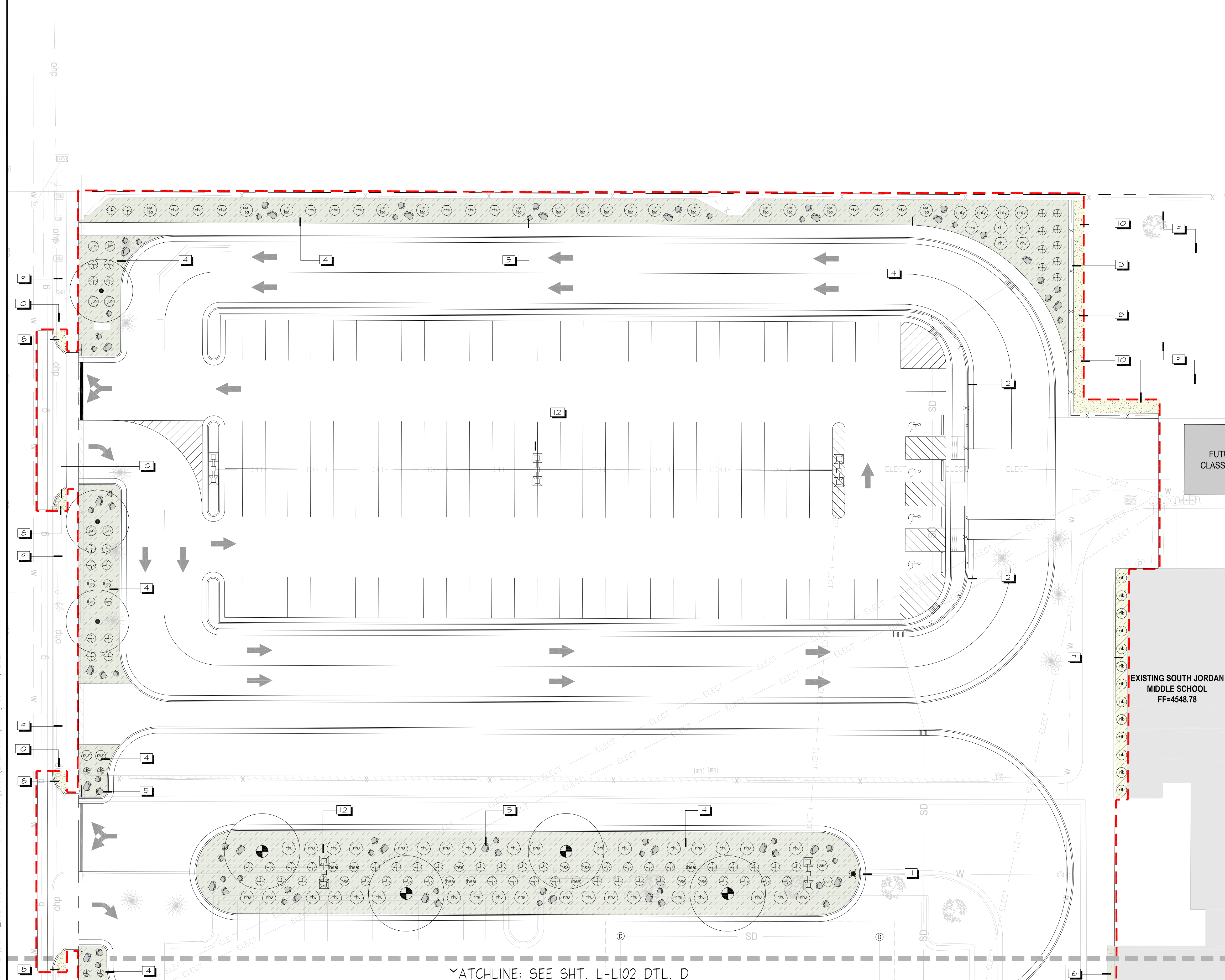
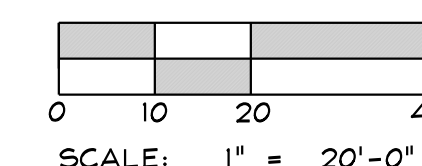
1. CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COSTS INCURRED DUE TO DAMAGE OF SAID UTILITIES.
2. CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE AND ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH THE LANDSCAPE CONSTRUCTION FOR THIS PROJECT.
4. SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, EXECUTIONS AND MAINTENANCE.
5. ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE UPON DELIVERY TO THE SITE, AND PRIOR TO INSTALLATION.
6. IF DISCREPANCIES ARISE BETWEEN ACTUAL PLANTING AREA SIZES IN THE FIELD AND THOSE SHOWN ON THE PLANS, CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.
7. FINAL LOCATIONS OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL OF THE OWNER'S REPRESENTATIVE.
8. TREES SHALL NOT BE PLANTED LESS THAN 5'-0" FROM CURBS OR HARD SURFACE AREAS UNLESS A ROOT BARRIER IS INSTALLED.
9. CONTRACTOR SHALL PROVIDE AN AGRICULTURAL TOPSOIL ANALYSIS AND AMEND SOIL AS RECOMMENDED - REFER TO SPECIFICATIONS.
10. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
11. PRUNE TREES IN ACCORDANCE WITH SPECIFICATIONS.
12. ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE ONLY AS APPROVED BY THE OWNER'S REPRESENTATIVE.
13. ALL TREES UP TO 2" CAL SHALL BE DOUBLE STAKED AND ALL DECIDUOUS TREES GREATER THAN 2" CAL AND ALL EVERGREEN TREES 6'-0" AND TALLER SHALL BE TRIPLE STAKED OR GUYED - SEE LANDSCAPE DETAILS.
14. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE LAST 7 INCHES OF GRADE IN TURF SOD AREAS (6 INCHES OF TOPSOIL AND 1 INCH FOR SOD) AND 16 INCHES IN SHRUB BED AREAS (4 INCHES OF MULCH AND 12" OF AMENDED TOPSOIL). SEE DETAIL B BELOW FOR MORE SPECIFIC DETAILS. IF NECESSARY DIG SUBGRADE IN SHRUB BEDS, AND SOD AREAS DOWN AS SPECIFIED BEFORE PLACING AMENDED TOPSOIL. THE PLANTING ISLANDS IN THE PARKING LOTS SHALL HAVE ALL ROAD BASE REMOVED PRIOR TO PLACEMENT OF TOPSOIL. REFER TO GRADING PLAN FOR FINISH GRADE AND DRAINAGE.

REFERENCE NOTE SCHEDULE

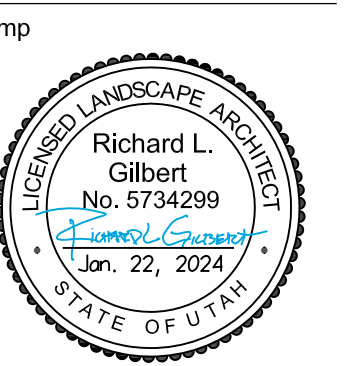
SYMBOL	DESCRIPTION	QTY
1	ENTRY SIGN - REFER TO ARCHITECTURAL PLANS	
2	FENCE, TYP. - REFER TO ARCH. PLANS	
3	CONCRETE LANDSCAPE CURB, TYP. - SEE SHT. L-L501 DTL. I	
4	4" DEPTH OF 1" TO 3" DIA. CRUSHED ROCK MULCH TYPE I - TAN IN COLOR - IN SHRUB BEDS OVER 12" OF TOPSOIL AND WEED BARRIER FABRIC, TYP. - SEE SHT. L-L501 DTL. D	18,513 sf
5	LANDSCAPE ACCENT BOULDER - TAN IN COLOR - ROUND BOULDER 24" TO 48" DIA ABOVE GRADE (1/3 OF TOTAL QUANTITY). 1/3 OF ALL BOULDERS MUST BE BURIED BELOW GRADE - REFER TO SHT. L-L501 DTL. J	89
6	3" DEPTH OF BARK MULCH - TOP DRESS EXISTING BEDS - MATCH EXISTING	160 sf
7	3" DEPTH OF BARK MULCH IN SHRUB BEDS OVER 12" OF TOPSOIL AND WEED BARRIER FABRIC, TYP. - SEE SHT. L-L501 DTL. D	431 sf
8	TURF AREA WITH 6" AMENDED TOPSOIL - SEE SHT. L-L501 DTL. D	
9	PROTECT IN PLACE EXISTING LANDSCAPE AND IRRIGATION	
10	PATCH AND REPAIR EXISTING LANDSCAPE AND IRRIGATION	
11	FIRE HYDRANT, TYP. - REFER TO CIVIL PLANS	
12	SITE LIGHTING - REFER TO ELEC. PLANS, TYP.	

* QUANTITIES FOR REFERENCE ONLY, CONTRACTOR TO VERIFY.

SCALE AND NORTH ARROW



File : E:\23079_JSD South Jordan Middle School\Cadd\L-Landscape.dwg Jan 19, 2024-10:15am



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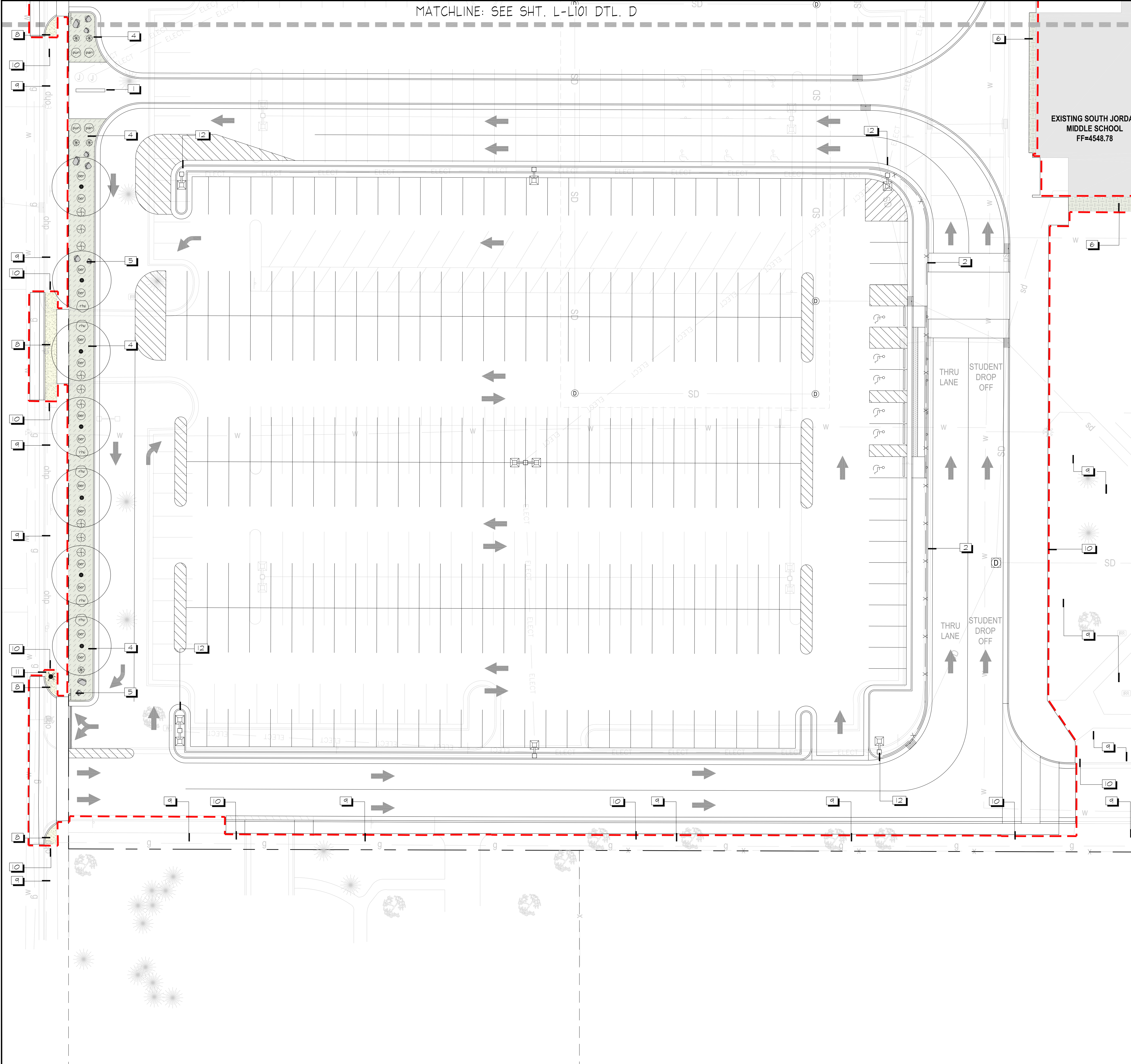
Sheet Title

Sheet Number

LANDSCAPE PLAN

L-L101

MATCHLINE: SEE SHT. L-L101 DTL. D



REFERENCE NOTE SCHEDULE

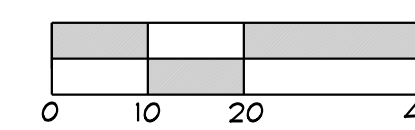
SYMBOL	DESCRIPTION	QTY
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2	FENCE, TYP. - REFER TO ARCH. PLANS	
3	CONCRETE LANDSCAPE CURB, TYP. - SEE SHT. L-L501 DTL. I	
4	4" DEPTH OF 1" TO 3" DIA. CRUSHED ROCK MULCH TYPE I - TAN IN COLOR - IN SHRUB BEDS OVER 12" OF TOPSOIL AND WEED BARRIER FABRIC, TYP. - SEE SHT. L-L501 DTL. D	18,513 sf
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6	3" DEPTH OF BARK MULCH - TOP DRESS EXISTING BEDS - MATCH EXISTING	160 sf
7	3" DEPTH OF BARK MULCH IN SHRUB BEDS OVER 12" OF TOPSOIL AND WEED BARRIER FABRIC, TYP. - SEE SHT. L-L501 DTL. D	431 sf
8	TURF AREA WITH 6" AMENDED TOPSOIL - SEE SHT. L-L501 DTL. D	
9	PROTECT IN PLACE EXISTING LANDSCAPE AND IRRIGATION	
10	PATCH AND REPAIR EXISTING LANDSCAPE AND IRRIGATION	
11	FIRE HYDRANT, TYP. - REFER TO CIVIL PLANS	
12	SITE LIGHTING - REFER TO ELEC. PLANS, TYP.	

* QUANTITIES FOR REFERENCE ONLY, CONTRACTOR TO VERIFY.

SCALE AND NORTH ARROW



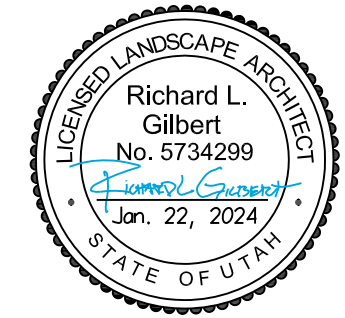
NORTH



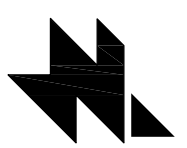
SCALE: 1" = 20'-0"

- CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COSTS INCURRED DUE TO DAMAGE OF SAID UTILITIES.
- CONTRACTOR SHALL NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNERS REPRESENTATIVE AND ARCHITECT. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH THE LANDSCAPE CONSTRUCTION FOR THIS PROJECT.
- SEE SPECIFICATIONS FOR PLANTING REQUIREMENTS, MATERIALS, EXECUTIONS AND MAINTENANCE.
- ALL PLANT MATERIAL SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE UPON DELIVERY TO THE SITE, AND PRIOR TO INSTALLATION.
- IF DISCREPANCIES ARISE BETWEEN ACTUAL PLANTING AREA SIZES IN THE FIELD AND THOSE SHOWN ON THE PLANS, CONTRACTOR SHALL CONTACT THE OWNER'S REPRESENTATIVE FOR RESOLUTION. FAILURE TO MAKE SUCH CONFLICTS KNOWN WILL RESULT IN CONTRACTOR'S LIABILITY FOR MATERIALS RELOCATION.
- FINAL LOCATIONS OF ALL PLANT MATERIALS SHALL BE SUBJECT TO APPROVAL OF THE OWNER'S REPRESENTATIVE.
- TREES SHALL NOT BE PLANTED LESS THAN 5'-0" FROM CURBS OR HARD SURFACE AREAS UNLESS A ROOT BARRIER IS INSTALLED.
- CONTRACTOR SHALL PROVIDE AN AGRICULTURAL TOPSOIL ANALYSIS AND AMEND SOIL AS RECOMMENDED - REFER TO SPECIFICATIONS.
- THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE DRAWINGS.
- PRUNE TREES IN ACCORDANCE WITH SPECIFICATIONS.
- ANY PROPOSED SUBSTITUTIONS OF PLANT SPECIES SHALL BE MADE WITH PLANTS OF EQUIVALENT OVERALL FORM, HEIGHT, BRANCHING HABIT, FLOWER, LEAF, COLOR, FRUIT AND CULTURE ONLY AS APPROVED BY THE OWNER'S REPRESENTATIVE.
- ALL TREES UP TO 2" CAL. SHALL BE DOUBLE STAKED AND ALL DECIDUOUS TREES GREATER THAN 2" CAL. AND ALL EVERGREEN TREES 6'-0" AND TALLER SHALL BE TRIPLE STAKED OR GUYED - SEE LANDSCAPE DETAILS
- LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE LAST 7 INCHES OF GRADE IN TURF SOD AREAS (6 INCHES OF TOPSOIL AND 1 INCH FOR SOD) AND 16 INCHES IN SHRUB BED AREAS (4 INCHES OF MULCH AND 12" OF AMENDED TOPSOIL). SEE DETAIL B BELOW FOR MORE SPECIFIC DEPTHS. IF NECESSARY DIG SUBGRADE IN SHRUB BEDS, AND SOD AREAS DOWN AS SPECIFIED BEFORE PLACING AMENDED TOPSOIL. THE PLANTING ISLANDS IN THE PARKING LOTS SHALL HAVE ALL ROAD BASE REMOVED PRIOR TO PLACEMENT OF TOPSOIL. REFER TO GRADING PLAN FOR FINISH GRADE AND DRAINAGE.

Stamp



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Project Phase
Bid Documents

Revision Schedule

No.	Description	Date

NWL Project Number
136.020

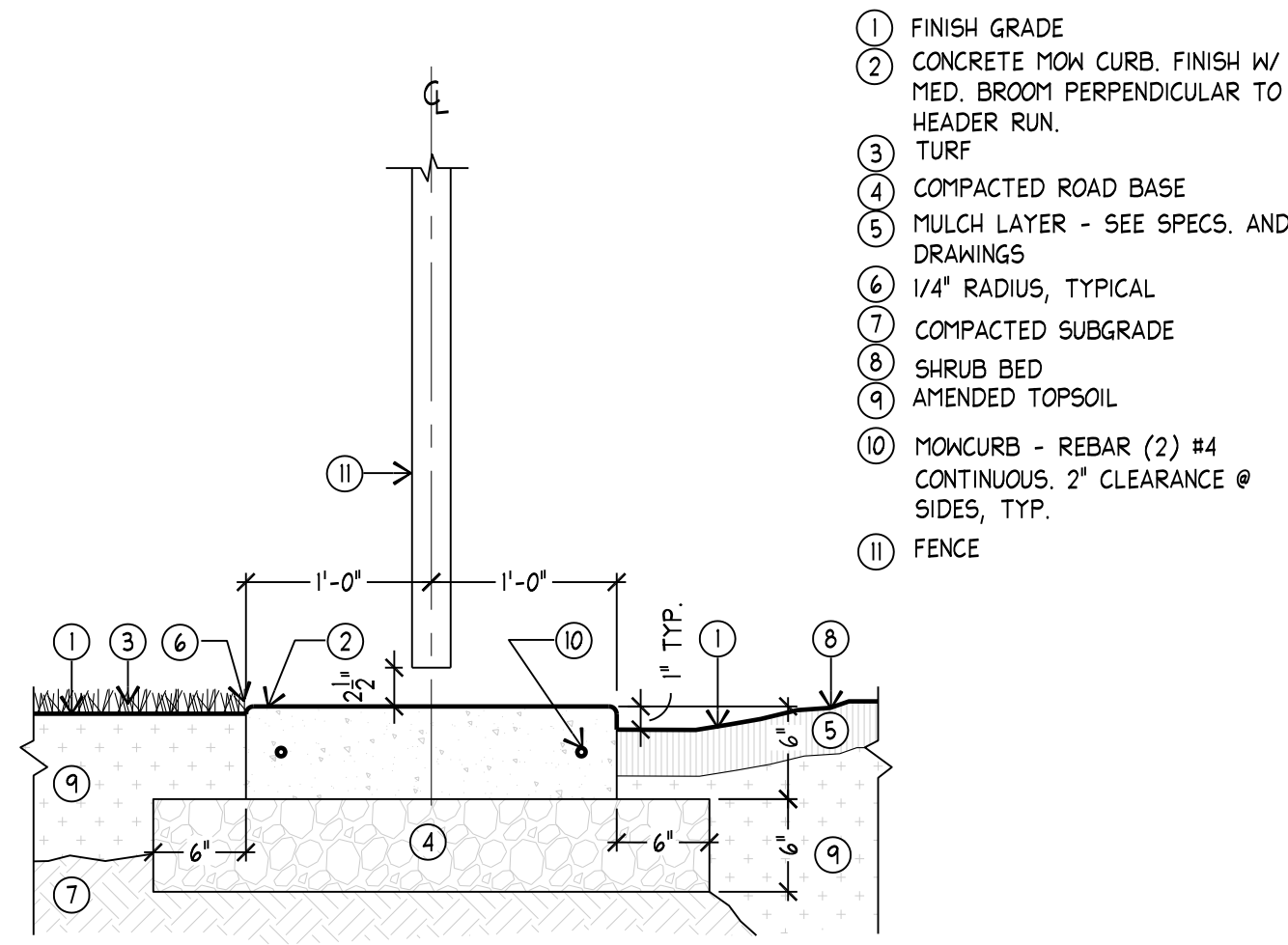
Project Issue Date
January 22, 2024

Sheet Title

Sheet Number

LANDSCAPE PLAN

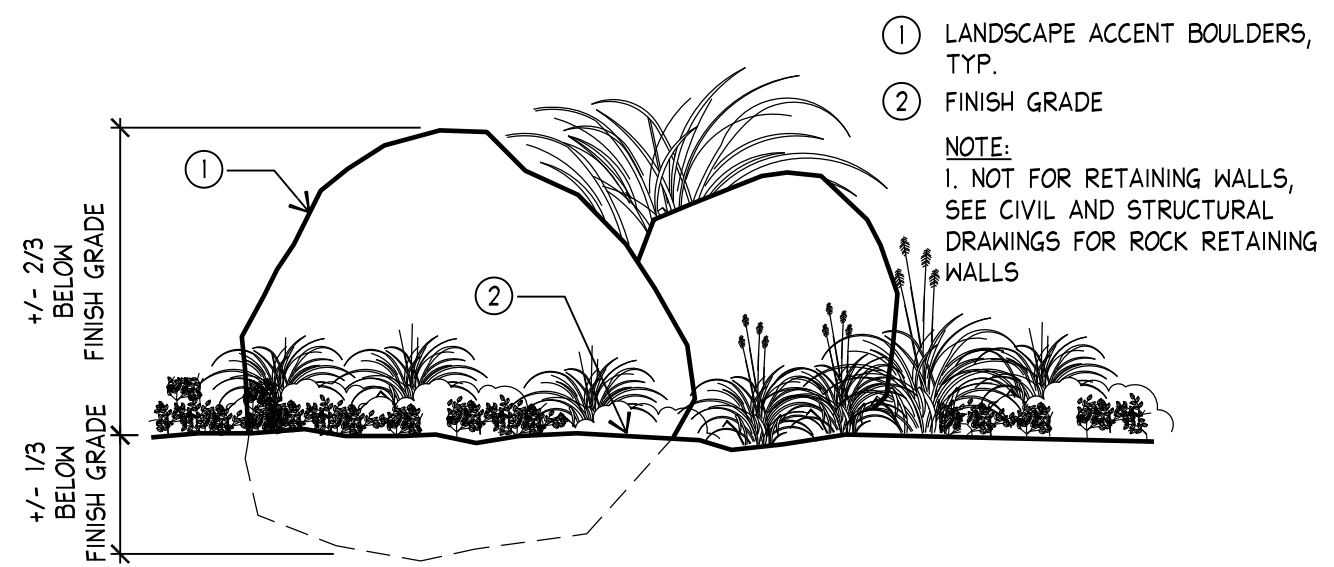
L-L102



- 1 FINISH GRADE
- 2 CONCRETE MOW CURB. FINISH W/ MED. BROOM PERPENDICULAR TO HEADER RUN.
- 3 TURF
- 4 COMPACTED ROAD BASE
- 5 MULCH LAYER - SEE SPECS. AND DRAWINGS
- 6 1/4" RADIUS, TYPICAL
- 7 COMPACTED SUBGRADE
- 8 SHRUB BED
- 9 AMENDED TOPSOIL
- 10 MOWCURB - REBAR (2) #4 CONTINUOUS. 2" CLEARANCE @ SIDES, TYP.
- 11 FENCE

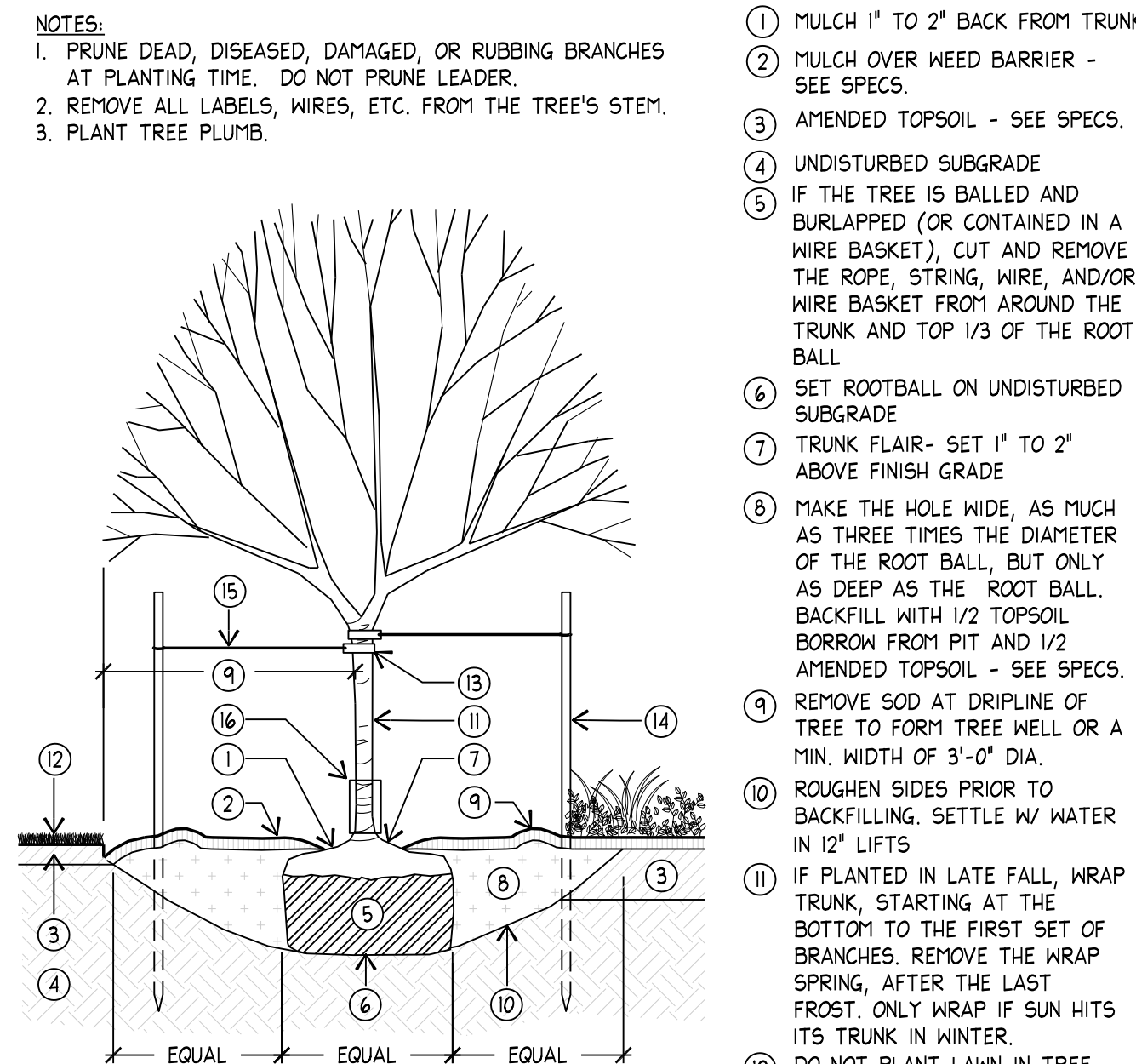
NOTE:
1. WHEN MOW CURB IS ADJACENT TO BUILDING OR WALL, USE EXPANSION JOINT AND SLOPE 2% AWAY FROM BUILDING.
2. EXPANSION JOINTS AT 20' O.C. AND A TOOLED JOINT AT 10' O.C.

I CONCRETE MOW CURB AT TURF, FENCING AND SHRUB BED
SCALE: NTS SECTION



- 1 LANDSCAPE ACCENT BOULDERS, TYP.
 - 2 FINISH GRADE
- NOTE:
1. NOT FOR RETAINING WALLS, SEE CIVIL AND STRUCTURAL DRAWINGS FOR ROCK RETAINING WALLS

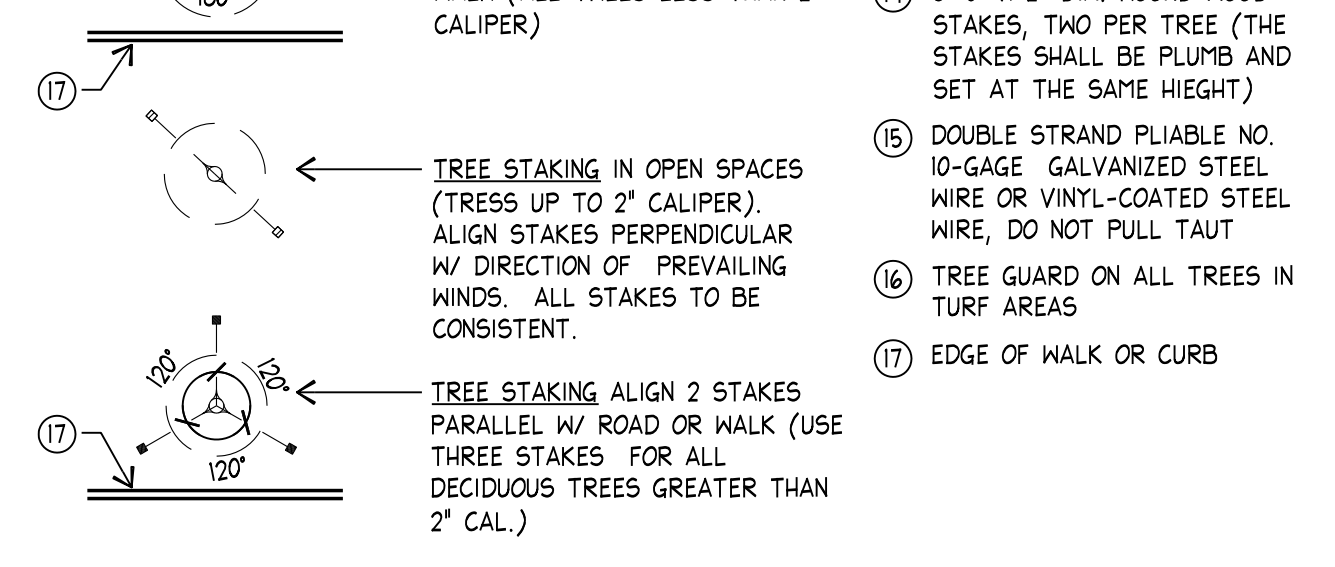
J LANDSCAPE ACCENT BOULDERS
SCALE: NTS SECTION



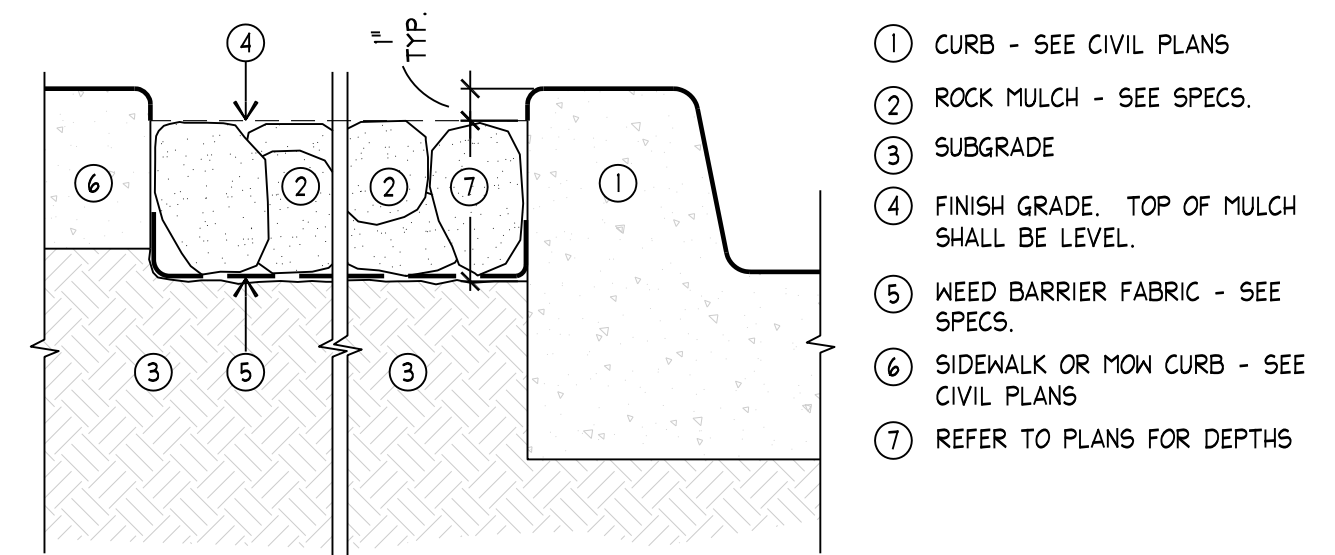
- NOTES:
1. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER.
2. REMOVE ALL LABELS, WIRES, ETC. FROM THE TREE'S STEM.
3. PLANT TREE PLUMB.

- 1 MULCH 1" TO 2" BACK FROM TRUNK
- 2 MULCH OVER WEED BARRIER - SEE SPECS.
- 3 AMENDED TOPSOIL - SEE SPECS.
- 4 UNDISTURBED SUBGRADE
- 5 IF THE TREE IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT BALL
- 6 SET ROOTBALL ON UNDISTURBED SUBGRADE
- 7 TRUNK FLAIR- SET 1" TO 2" ABOVE FINISH GRADE
- 8 MAKE THE HOLE WIDE, AS MUCH AS THREE TIMES THE DIAMETER OF THE ROOT BALL, BUT ONLY AS DEEP AS THE ROOT BALL. BACKFILL WITH 1/2 TOPSOIL BORROW FROM PIT AND 1/2 AMENDED TOPSOIL - SEE SPECS.
- 9 REMOVE SOD AT DRIPLINE OF TREE TO FORM TREE WELL OR A MIN. WIDTH OF 3'-0" DIA.
- 10 ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12' LIFTS
- 11 IF PLANTED IN LATE FALL, WRAP TRUNK, STARTING AT THE BOTTOM TO THE FIRST SET OF BRANCHES, REMOVE THE WRAP SPRING, AFTER THE LAST FROST. ONLY WRAP IF SUN HITS ITS TRUNK IN WINTER.
- 12 DO NOT PLANT LAWN IN TREE PIT
- 13 3" OR WIDER NYLON WEBBING W/ METAL GROMMETS
- 14 6'-0" X 2" DIA. ROUND WOOD STAKES, TWO PER TREE (THE STAKES SHALL BE PLUMB AND SET AT THE SAME HEIGHT)
- 15 DOUBLE STRAND PLIABLE NO. 10-GAGE GALVANIZED STEEL WIRE OR VINYL-COATED STEEL WIRE, DO NOT PULL TAUT
- 16 TREE GUARD ON ALL TREES IN TURF AREAS
- 17 EDGE OF WALK OR CURB

K TREE STAKING ALONG ROADS OR WALK (ALL TREES LESS THAN 2" CALIPER)
SCALE: NTS SECTION

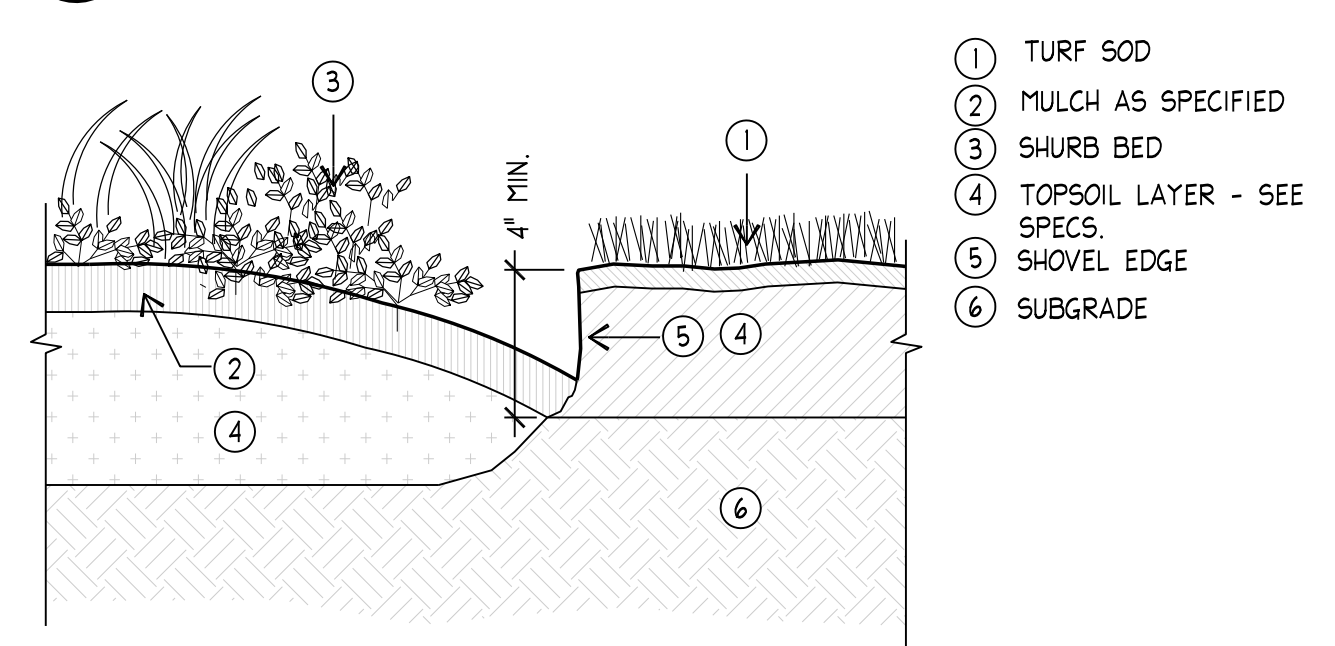


L TREE STAKING IN OPEN SPACES (TREES UP TO 2" CALIPER). ALIGN STAKES PERPENDICULAR W/ DIRECTION OF PREVAILING WINDS. ALL STAKES TO BE CONSISTENT.
SCALE: NTS SECTION



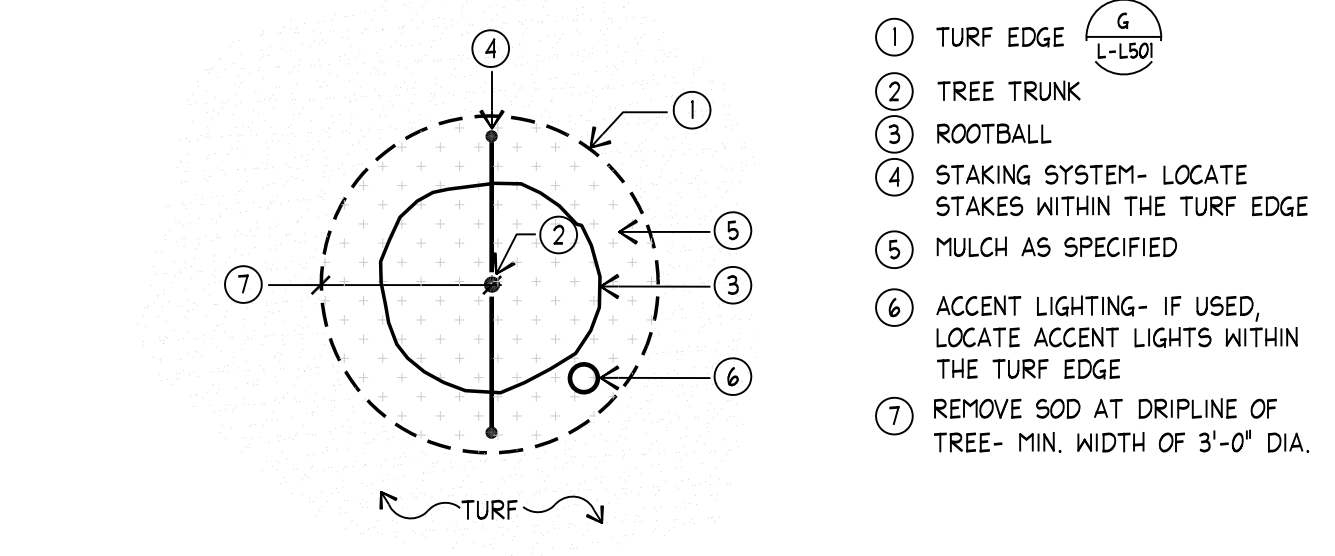
- 1 CURB - SEE CIVIL PLANS
- 2 ROCK MULCH - SEE SPECS.
- 3 SUBGRADE
- 4 FINISH GRADE. TOP OF MULCH SHALL BE LEVEL.
- 5 WEED BARRIER FABRIC - SEE SPECS.
- 6 SIDEWALK OR MOW CURB - SEE CIVIL PLANS
- 7 REFER TO PLANS FOR DEPTHS

M ROCK MULCH
SCALE: NTS SECTION



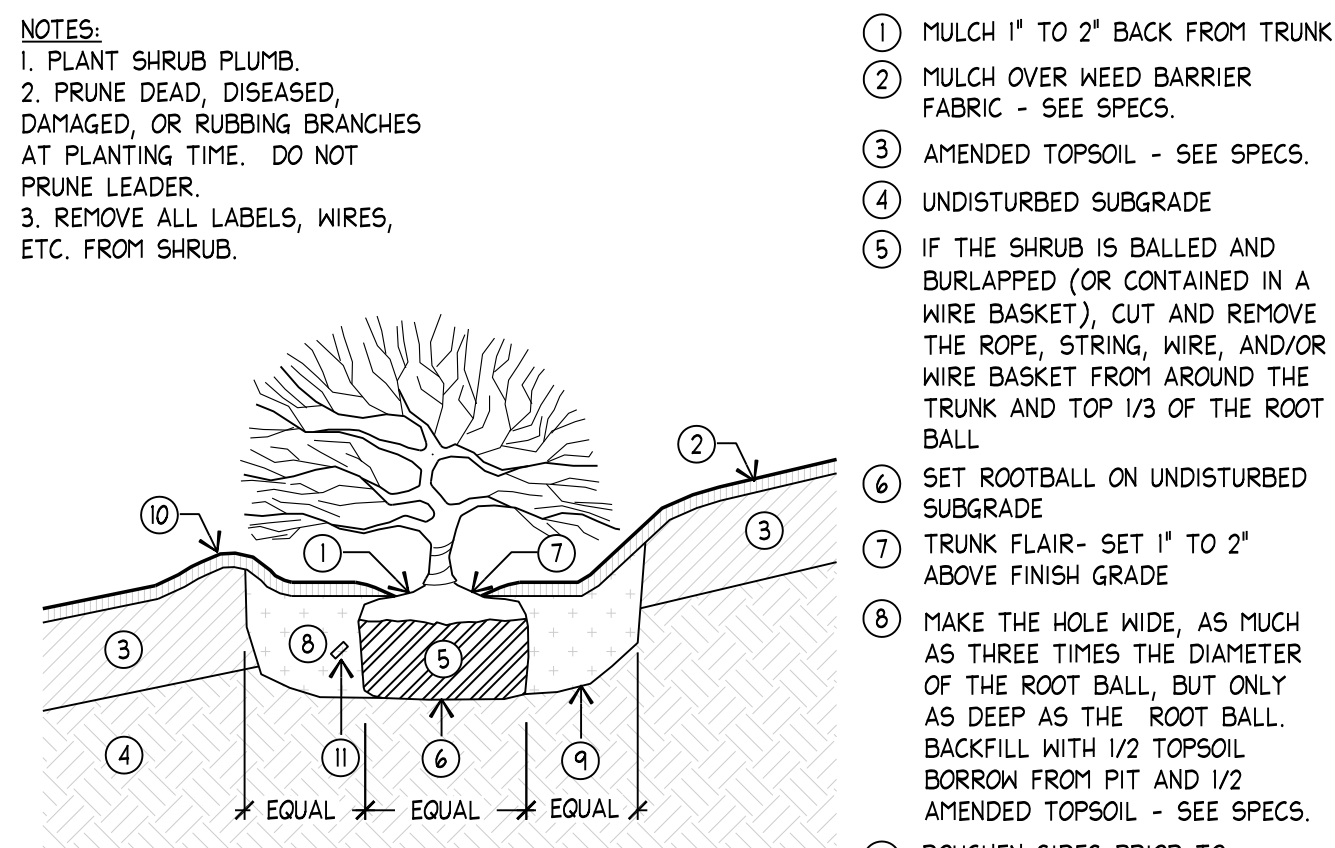
- 1 TURF SOD
- 2 MULCH AS SPECIFIED
- 3 SHRUB BED
- 4 TOPSOIL LAYER - SEE SPECS.
- 5 SHOVEL EDGE
- 6 SUBGRADE

N SHOVEL TURF EDGE
SCALE: NTS SECTION



- 1 TURF EDGE
- 2 TREE TRUNK
- 3 ROOTBALL
- 4 STAKING SYSTEM- LOCATE STAKES WITHIN THE TURF EDGE
- 5 MULCH AS SPECIFIED
- 6 ACCENT LIGHTING- IF USED, LOCATE ACCENT LIGHTS WITHIN THE TURF EDGE
- 7 REMOVE SOD AT DRIPLINE OF TREE- MIN. WIDTH OF 3'-0" DIA.

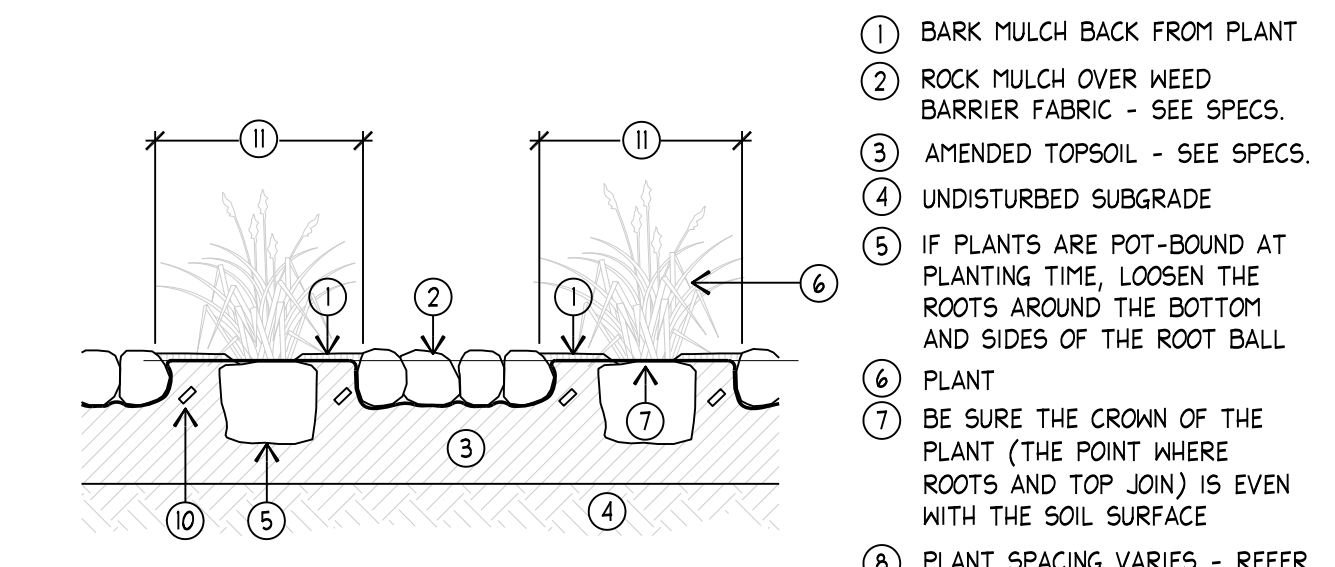
O TREE IN TURF
SCALE: NTS PLAN



- NOTES:
1. PLANT SHRUB PLUMB.
2. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME. DO NOT PRUNE LEADER.
3. REMOVE ALL LABELS, WIRES, ETC. FROM SHRUB.

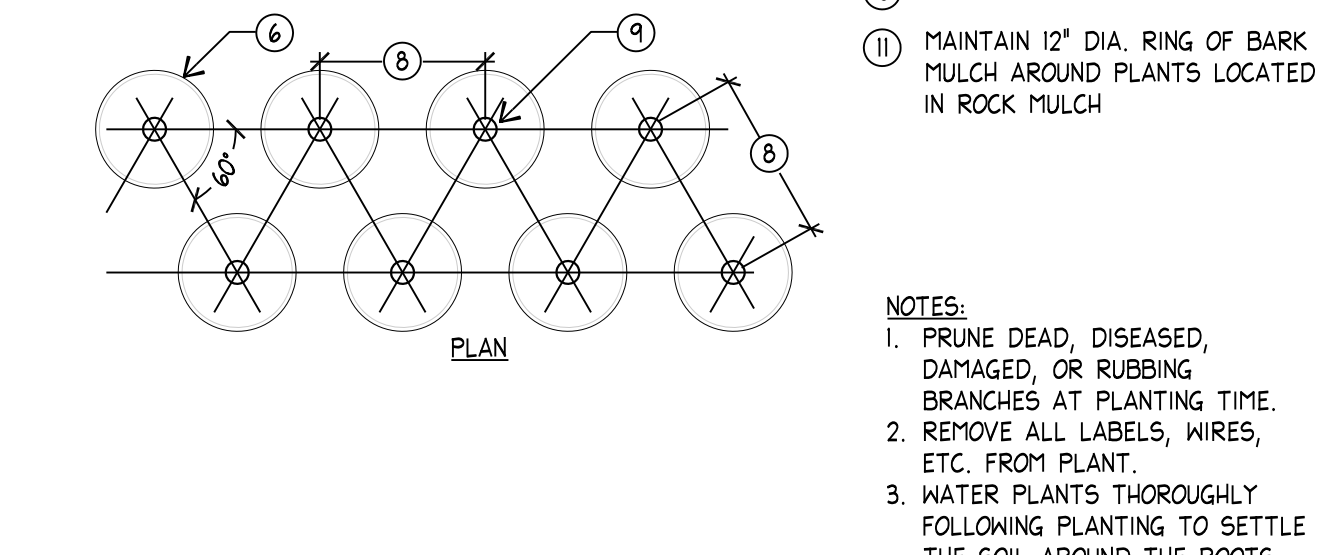
- 1 MULCH 1" TO 2" BACK FROM TRUNK
- 2 MULCH OVER WEED BARRIER FABRIC - SEE SPECS.
- 3 AMENDED TOPSOIL - SEE SPECS.
- 4 UNDISTURBED SUBGRADE
- 5 IF THE SHRUB IS BALLED AND BURLAPPED (OR CONTAINED IN A WIRE BASKET), CUT AND REMOVE THE ROPE, STRING, WIRE, AND/OR WIRE BASKET FROM AROUND THE TRUNK AND TOP 1/3 OF THE ROOT BALL
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- 7 TRUNK FLAIR- SET 1" TO 2" ABOVE FINISH GRADE
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- 9 ROUGHEN SIDES PRIOR TO BACKFILLING. SETTLE W/ WATER IN 12' LIFTS
- 10 FORM WELL AT EACH PLANT USING TOPSOIL
- 11 FERTILIZER TABLET - SEE SPECS.

P SHRUB
SCALE: NTS SECTION



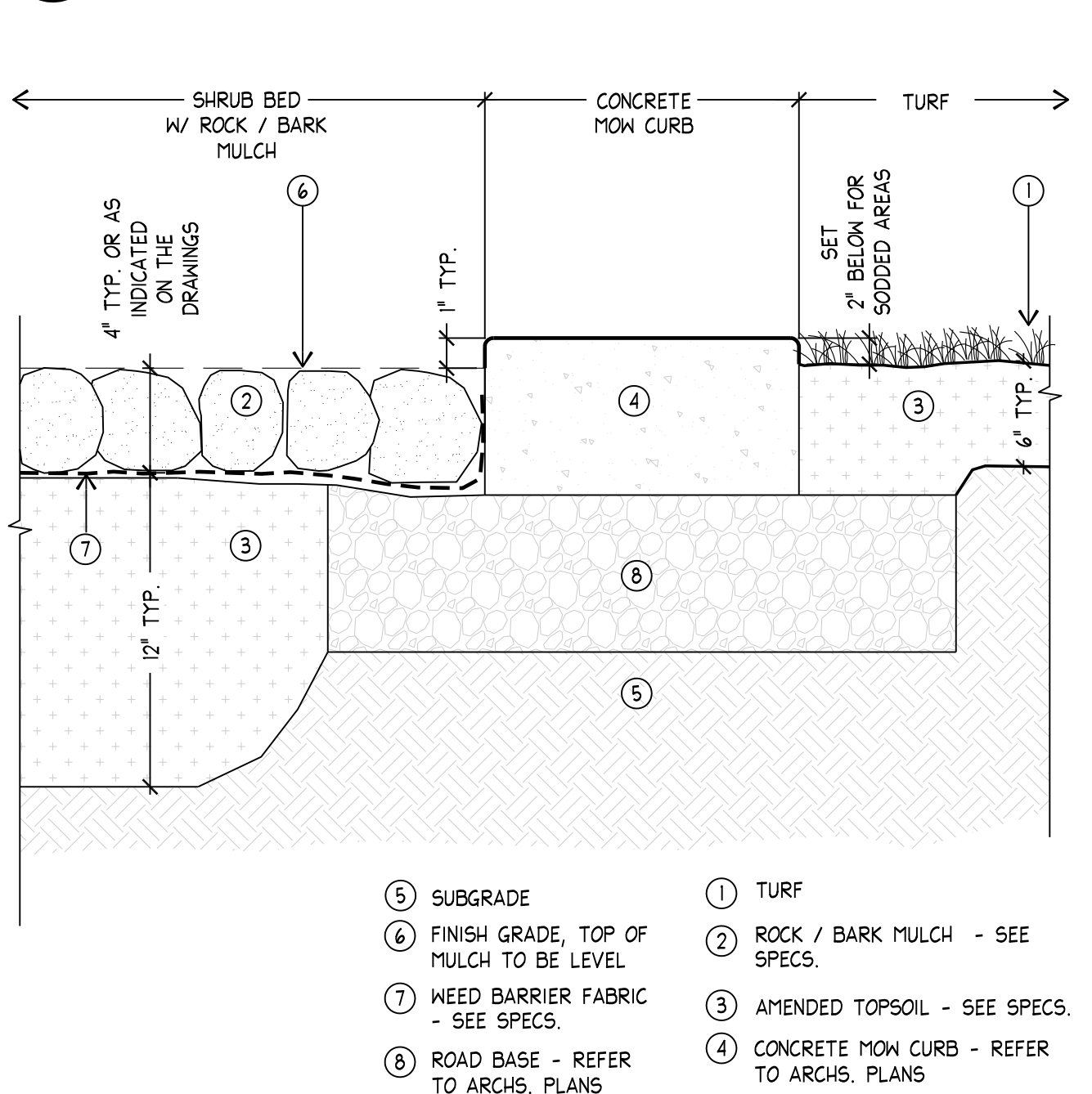
- 1 BARK MULCH BACK FROM PLANT
- 2 ROCK MULCH OVER WEED BARRIER FABRIC - SEE SPECS.
- 3 AMENDED TOPSOIL - SEE SPECS.
- 4 UNDISTURBED SUBGRADE
- 5 IF PLANTS ARE POT-BOUND AT PLANTING TIME, LOOSEN THE ROOTS AROUND THE BOTTOM AND SIDES OF THE ROOT BALL
- 6 PLANT
- 7 BE SURE THE CROWN OF THE PLANT (THE POINT WHERE ROOTS AND TOP JOIN) IS EVEN WITH THE SOIL SURFACE
- 8 PLANT SPACING VARIES - REFER TO PLANT SCHEDULE OR PLAN
- 9 CENTER OF PLANT
- 10 FERTILIZER TABLET - SEE SPECS.
- 11 MAINTAIN 12" DIA. RING OF BARK MULCH AROUND PLANTS LOCATED IN ROCK MULCH

Q PERENNIAL / GROUNDCOVER
SCALE: NTS SECTION/PLAN



- NOTES:
1. PRUNE DEAD, DISEASED, DAMAGED, OR RUBBING BRANCHES AT PLANTING TIME.
2. REMOVE ALL LABELS, WIRES, ETC. FROM PLANT.
3. WATER PLANTS THOROUGHLY FOLLOWING PLANTING TO SETTLE THE SOIL AROUND THE ROOTS.

R PERENNIAL / GROUNDCOVER
SCALE: NTS SECTION/PLAN

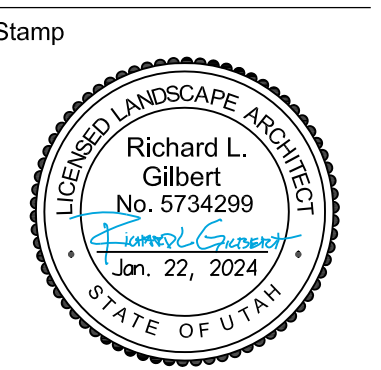


- 1 TURF
- 2 ROCK / BARK MULCH - SEE SPECS.
- 3 AMENDED TOPSOIL - SEE SPECS.
- 4 CONCRETE MOW CURB - REFER TO ARCHS. PLANS
- 5 SUBGRADE
- 6 FINISH GRADE, TOP OF MULCH TO BE LEVEL
- 7 WEED BARRIER FABRIC - SEE SPECS.
- 8 ROAD BASE - REFER TO ARCHS. PLANS

S MULCH IN SHRUB BEDS
SCALE: NTS SECTION

PLANT SCHEDULE					A
SYMBOL	BOTANICAL / COMMON NAME	CONT	CAL	QTY	
TREES					
	Ulmus x 'Accolade' / Accolade Elm	B & B	3'Cal	4	
	Zelkova serrata 'Schmidtlow' / Wireless Japanese Zelkova	B & B	3'Cal	10	
SHRUBS					
	Berberis thunbergii 'Crimson Pygmy' / Crimson Pygmy Barberry	5 gal		14	
	Cornus sericea 'Isanti' / Isanti Redosier Dogwood	5 gal		16	
	Hesperaloe parviflora / Red Yucca	5 gal		16	
	Juniperus sabina 'Arcadia' / Arcadia Juniper	5 gal		6	
	Panicum virgatum 'Shenandoah' / Burgundy Switch Grass	5 gal		7	
	Prunus besseyi 'Paunee Buttes' / Sand Cherry	5 gal		8	
	Rhamnus frangula 'Columnaris' / Tall-hedge Buckthorn	5 gal		12	
	Rhus aromatica 'Gro-Low' / Gro-Low Fragrant Sumac	5 gal		47	
	Rhus typhina 'Tiger Eyes' / Tiger Eyes Sumac	5 gal		4	
	Ribes alpinum / Alpine Currant	5 gal		13	
GRASSES					
	Calamagrostis acutifolia 'Karl Foerster' / Foerster's Reed Grass	5 gal		73	
GROUND COVERS					
	Turf-Grass / Turf-Grass	sod		936 sf	

* QUANTITIES FOR REFERENCE ONLY, CONTRACTOR TO VERIFY.



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Project For
The Jordan School District Board of Education

South Jordan Middle School Parking Lot Addition
10245 South 2700 West
South Jordan, Utah

Project Phase
Bid Documents

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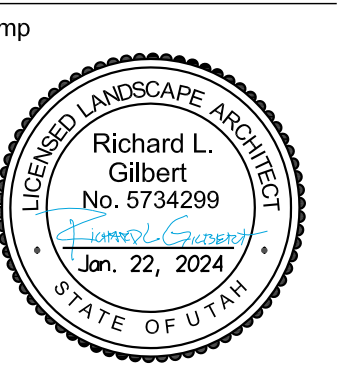
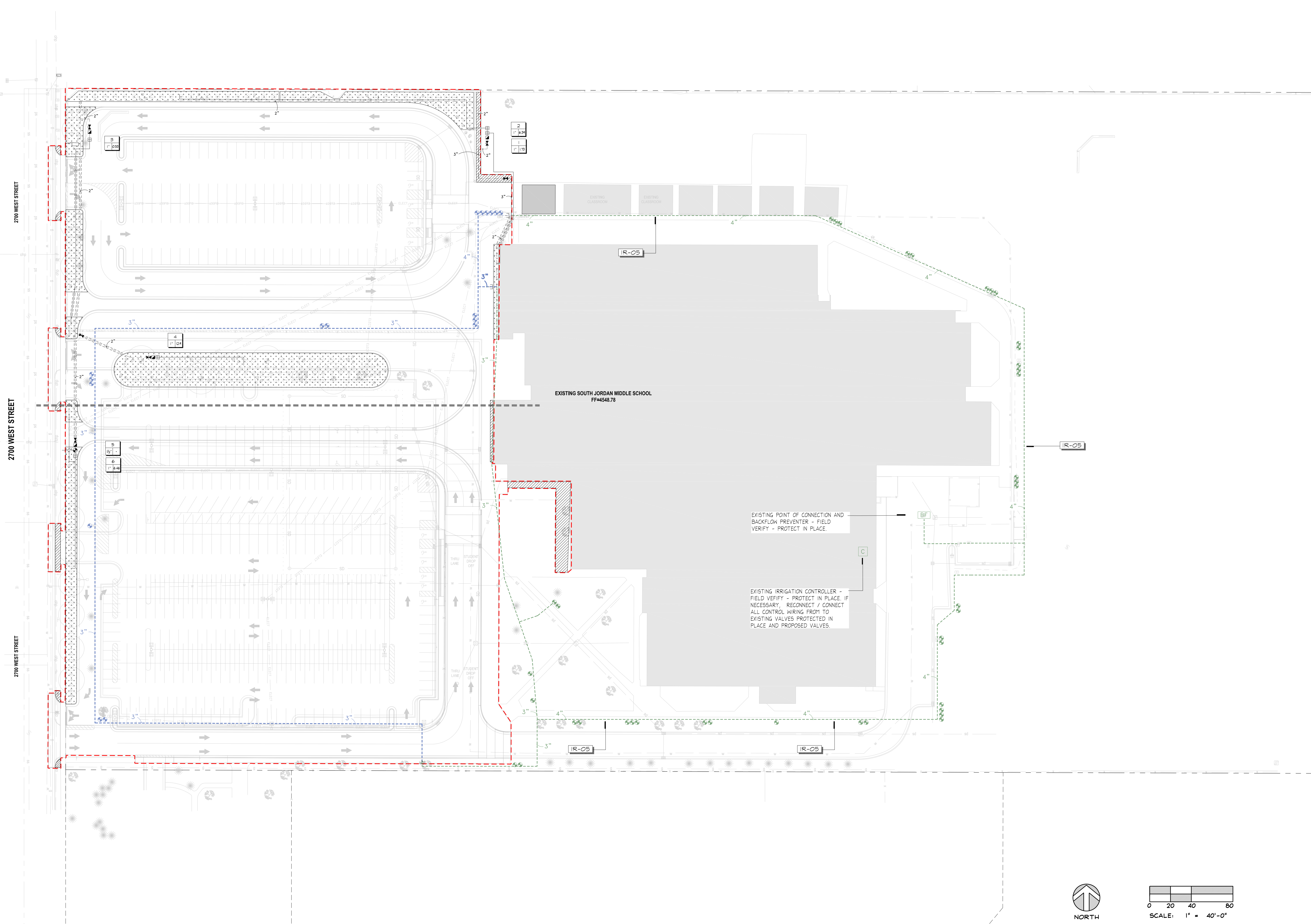
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136.020

Project Issue Date
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Sheet Title

Sheet Number
LANDSCAPE DETAILS

L-L501



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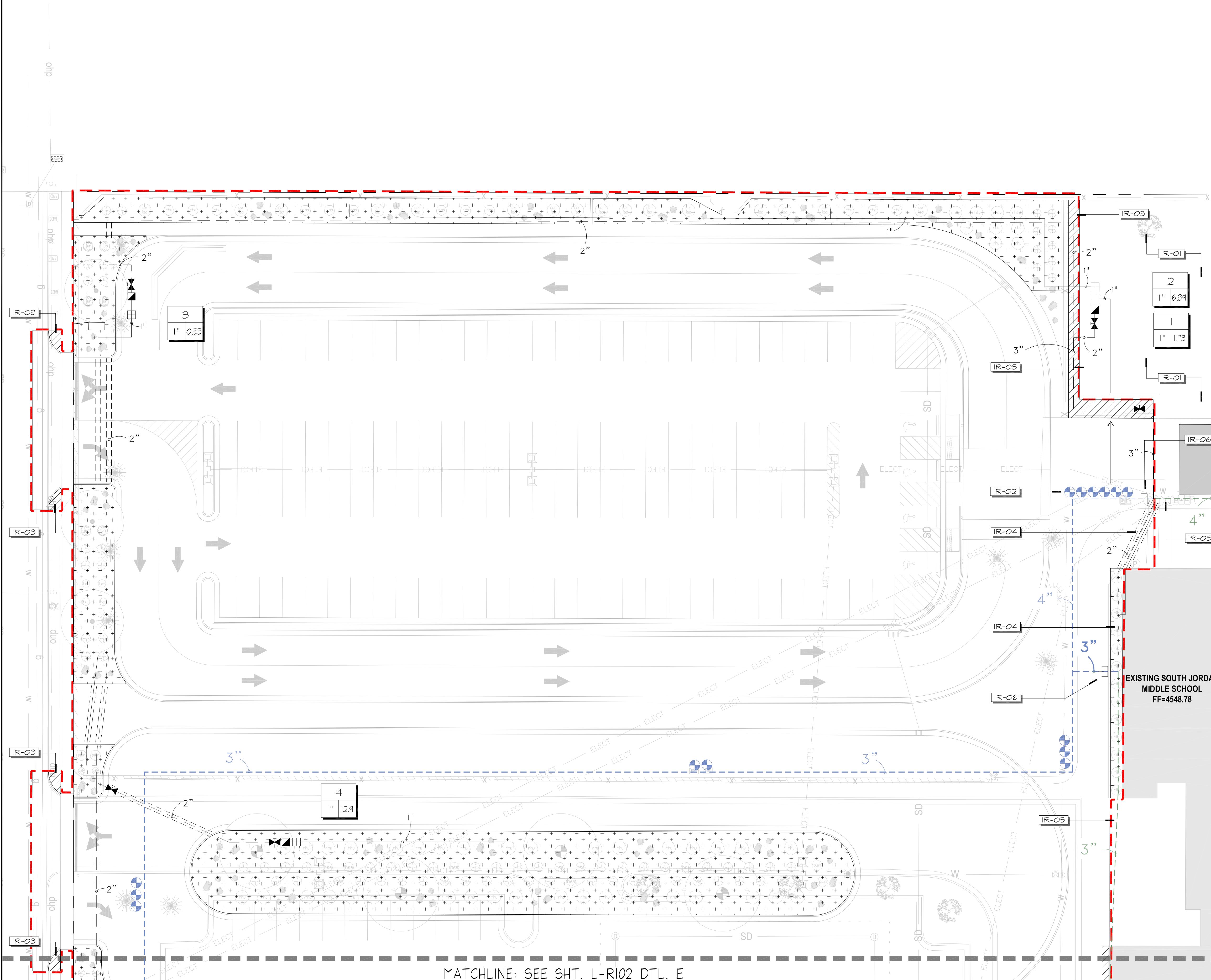
Sheet Title

Sheet Number

OVERALL IRRIGATION PLAN

L-R100

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- IT IS THE INTENT OF THESE IRRIGATION PLANS TO PROVIDE THE CONTRACTOR WITH CONSTRUCTION INFORMATION THAT WILL ENABLE HIM TO PROVIDE AND INSTALL A COMPLETE AND OPERATIONAL IRRIGATION SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, PARTS AND MATERIALS REQUIRED.
- THE CONTRACTOR SHALL VERIFY THE AVAILABLE WATER PRESSURE ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. IN THE EVENT THE PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY. CONTRACTOR TO MAINTAIN OPERATING PRESSURE FOR EACH ZONE TO THE LAST HEAD.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, WALKS, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK, HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS AND UNDER PAVING.
- DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADING DIFFERENCES MAY NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- THIS DESIGN IS DIAGRAMMATIC, ALL IRRIGATION EQUIPMENT, PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.
- IRRIGATION SYSTEM IS TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- THE CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE. INSTALL ALL SPRINKLER HEADS WITH NOZZLES OF THE APPROPRIATE DEGREE AND RADIUS FOR THE AREA TO BE COVERED. ADJUST ALL NOZZLES TO MINIMIZE SPRAYING ONTO WALKS, BUILDINGS, ETC.
- ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S SPECS.
- ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS).
- CONTACT JORDAN SCHOOL DISTRICT IRRIGATION FOREMAN PRIOR TO BEGINNING IRRIGATION WORK TO COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMING.

- EXISTING IRRIGATION SYSTEM - OVERALL:**
- THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD WORKING CONDITION TO ENSURE THAT EXISTING PLANT MATERIAL RECEIVES THE PROPER AMOUNT OF WATER DURING ALL PHASES OF CONSTRUCTION.
 - THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION.
 - MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: RE-ROUTING EXISTING IRRIGATION MAINLINES AND LATERAL LINES, RELOCATING EXISTING IRRIGATION VALVES AND CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION HEADS.
 - THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-WATER EXISTING PLANT MATERIAL AS REQUIRED IF THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE.
 - ANY EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING EQUIPMENT LOCATED WHERE THERE WILL BE A GRADE OR SURFACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROPER POSITION IN RELATION TO THE NEW FINISHED GRADE, AT NO ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHOW IT TO BE RELOCATED.

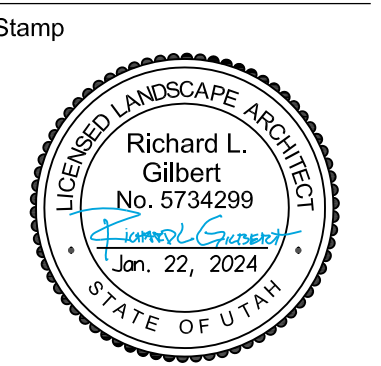
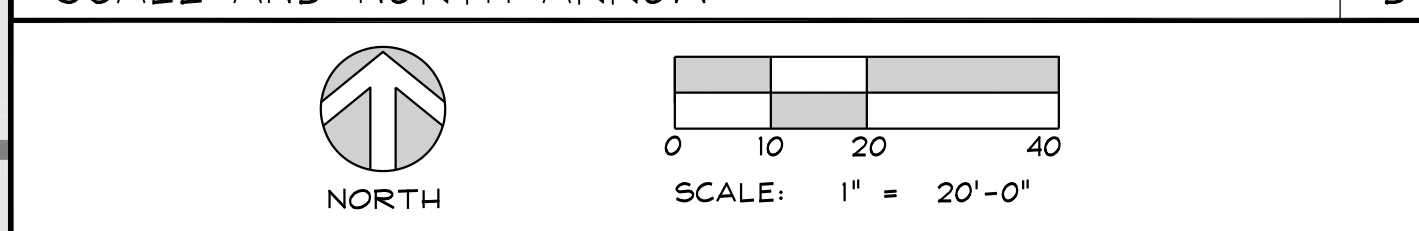
REFERENCE NOTE SCHEDULE

SYMBOL	IRRIGATION DESCRIPTION
IR-01	PROTECT IN PLACE EXISTING IRRIGATION SYSTEM. MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION
IR-02	RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER
IR-03	MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMODATE PROPOSED IMPROVEMENTS.
IR-04	REROUTE EXISTING MAINLINE AND CONTROLLER WIRE
IR-05	PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE
IR-06	CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY.

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	DESIGN PSI
1	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	1.73	30
2	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	6.39	30
3	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	0.53	30
4	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	12.92	30
5	Rain Bird PEB-PRS-D	1-1/2"			
6	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	6.46	30

SCALE AND NORTH ARROW



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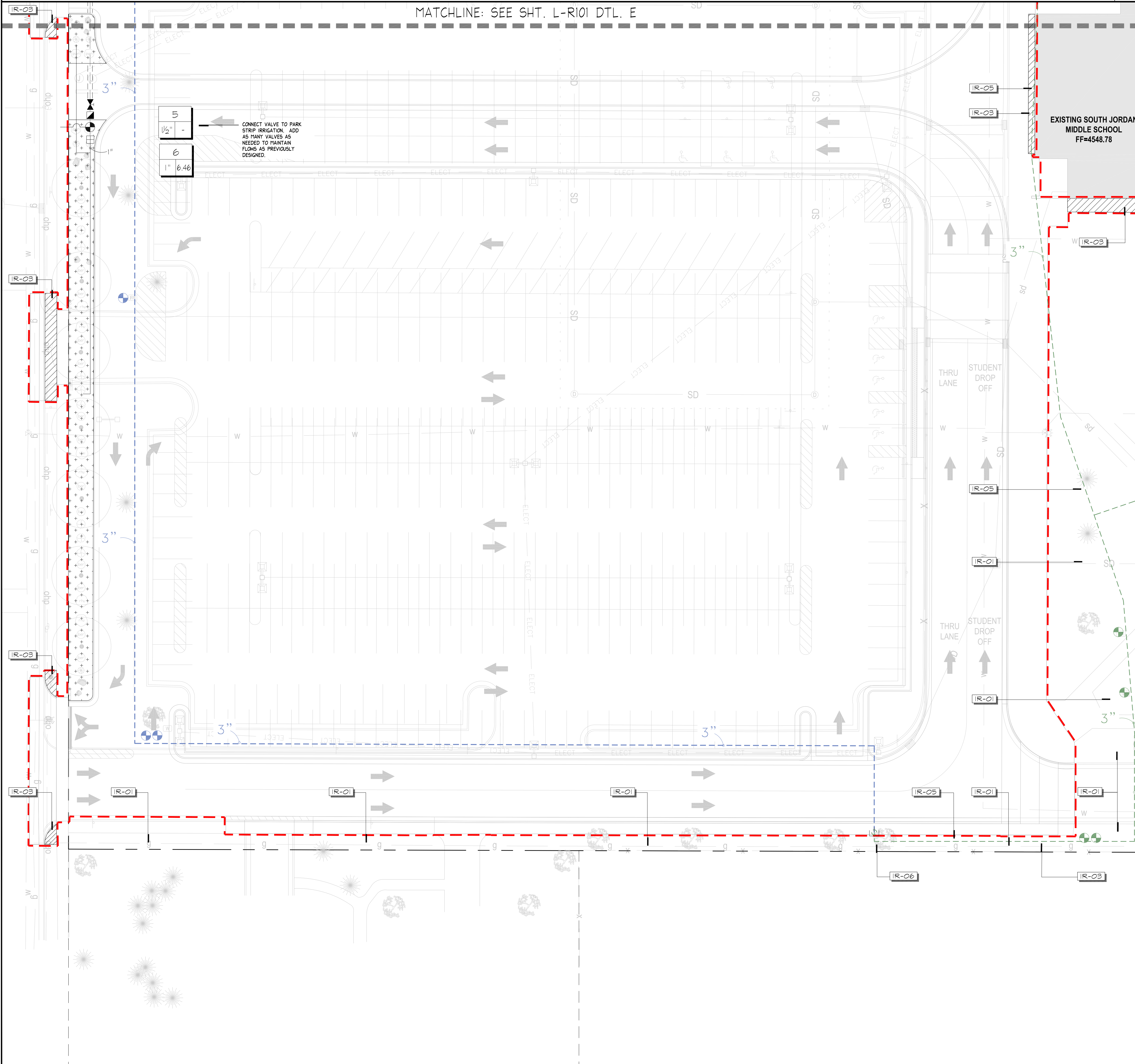
IRRIGATION PLAN

L-R101

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IRRIGATION PLAN

MATCHLINE: SEE SHT. L-R101 DTL. E



IRRIGATION NOTES

- IT IS THE INTENT OF THESE IRRIGATION PLANS TO PROVIDE THE CONTRACTOR WITH CONSTRUCTION INFORMATION THAT WILL ENABLE HIM TO PROVIDE AND INSTALL A COMPLETE AND OPERATIONAL IRRIGATION SYSTEM. THE CONTRACTOR SHALL PROVIDE ALL LABOR, PARTS AND MATERIALS REQUIRED.
- THE CONTRACTOR SHALL VERIFY THE AVAILABLE WATER PRESSURE ON SITE PRIOR TO CONSTRUCTION AND REPORT ANY DISCREPANCIES TO THE OWNER'S REPRESENTATIVE. IN THE EVENT THE PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY. CONTRACTOR TO MAINTAIN OPERATING PRESSURE FOR EACH ZONE TO THE LAST HEAD.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, STRUCTURES, WALKS, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK, HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS AND UNDER PAVING.
- DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE PLANS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS OR GRADING DIFFERENCES MAY NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
- THIS DESIGN IS DIAGNOSTIC, ALL IRRIGATION EQUIPMENT, PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS ARE FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.
- IRRIGATION SYSTEM IS TO BE INSTALLED AS SHOWN AND IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
- THE CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE. INSTALL ALL SPRINKLER HEADS WITH NOZZLES OF THE APPROPRIATE DEGREE AND RADIUS FOR THE AREA TO BE COVERED. ADJUST ALL NOZZLES TO MINIMIZE SPRAYING ONTO WALKS, BUILDINGS, ETC.
- ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S SPECS.
- ALL PIPE INSTALLED IN PAVING SHALL BE SLEEVED (SEE LEGEND AND DETAILS).
- CONTACT JORDAN SCHOOL DISTRICT IRRIGATION FOREMAN PRIOR TO BEGINNING IRRIGATION WORK TO COORDINATE IRRIGATION INSTALLATION, METHODS OF INSTALLATION AND TIMING.

EXISTING IRRIGATION SYSTEM - OVERALL:

- THE CONTRACTOR SHALL MAINTAIN THE EXISTING IRRIGATION SYSTEM IN GOOD WORKING CONDITION TO ENSURE THAT EXISTING PLANT MATERIAL RECEIVES THE PROPER AMOUNT OF WATER DURING ALL PHASES OF CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS REQUIRED WHERE EXISTING IRRIGATION ZONES WILL BE DISRUPTED DUE TO PROPOSED CONSTRUCTION.
- MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM MAY INCLUDE BUT IS NOT LIMITED TO: RE-ROUTING EXISTING IRRIGATION MAINLINES AND LATERAL LINES, RELOCATING EXISTING IRRIGATION VALVES AND CONTROL WIRING, AND RELOCATING EXISTING IRRIGATION HEADS.
- THE CONTRACTOR MAY ALSO BE REQUIRED TO HAND-WATER EXISTING PLANT MATERIAL AS REQUIRED IF THE MODIFICATIONS TO THE EXISTING IRRIGATION SYSTEM AS PREVIOUSLY LISTED ARE NOT MADE.
- ANY EXISTING HEAD, VALVE, VALVE MARKER, VALVE BOX, OR OTHER EXISTING EQUIPMENT LOCATED WHERE THERE WILL BE A GRADE OR SURFACE MATERIAL CHANGE, SHALL BE ADJUSTED UP OR DOWN TO ITS PROPER POSITION IN RELATION TO THE NEW FINISHED GRADE, AT NO ADDITIONAL COST TO THE OWNER, UNLESS THE PLANS SHOW IT TO BE RELOCATED.

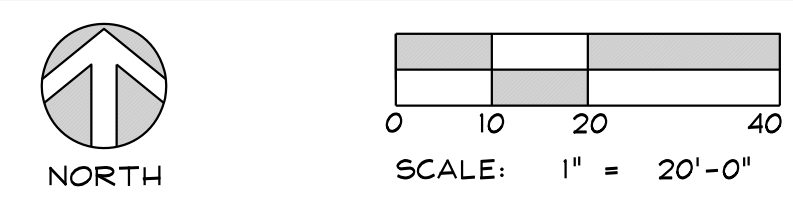
REFERENCE NOTE SCHEDULE

SYMBOL	IRRIGATION DESCRIPTION
IR-01	PROTECT IN PLACE EXISTING IRRIGATION SYSTEM. MAINTAIN WATER SUPPLY TO EXISTING IRRIGATION SYSTEM DURING ALL PHASES OF CONSTRUCTION
IR-02	RELOCATE EXISTING VALVES AND RECONNECT TO MAINLINE AND AND CONTROLLER
IR-03	MODIFY/REPAIR EXISTING IRRIGATION SYSTEM TO ACCOMMODATE PROPOSED IMPROVEMENTS.
IR-04	REROUTE EXISTING MAINLINE AND CONTROLLER WIRE
IR-05	PROTECT IN PLACE EXISTING MAINLINE AND CONTROL WIRE
IR-06	CAP OFF EXISTING IRRIGATION SYSTEM MAIN LINE, TERMINATE EXISTING CONTROL WIRE AND PLACE IN 9 INCH ROUND VALVE BOX. RECORD ON AS BUILT DRAWINGS. COORDINATE WITH DISTRICT. REPAIR AS NECESSARY.

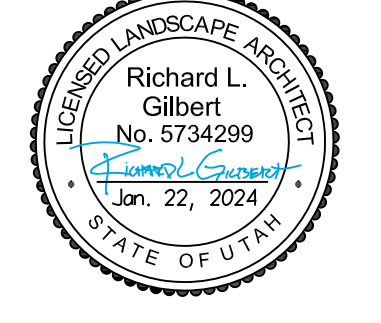
VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	DESIGN PSI
1	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	1.73	30
2	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	6.39	30
3	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	0.53	30
4	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	12.92	30
5	Rain Bird PEB-PRS-D	1-1/2"			
6	Rain Bird XCZ-100-PRB-COM	1"	Area for Drip Emitters	6.46	30

SCALE AND NORTH ARROW



Stamp



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Jordan School District
7905 South Redwood Road
West Jordan, Utah 84088

Project For
The
Jordan
School District
Board of
Education

South Jordan
Middle School
Parking Lot Addition
10245 South 2700 West
South Jordan, Utah

Project Phase
Bid Documents

Revision Schedule

No.	Description	Date

NWL Project Number
136.020

Project Issue Date
January 22, 2024

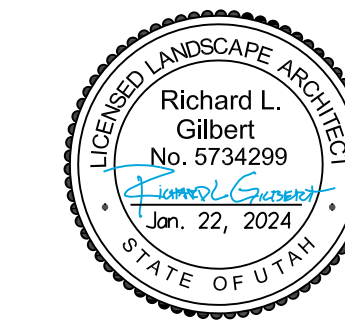
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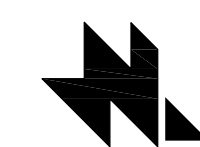
IRRIGATION PLAN

L-R102

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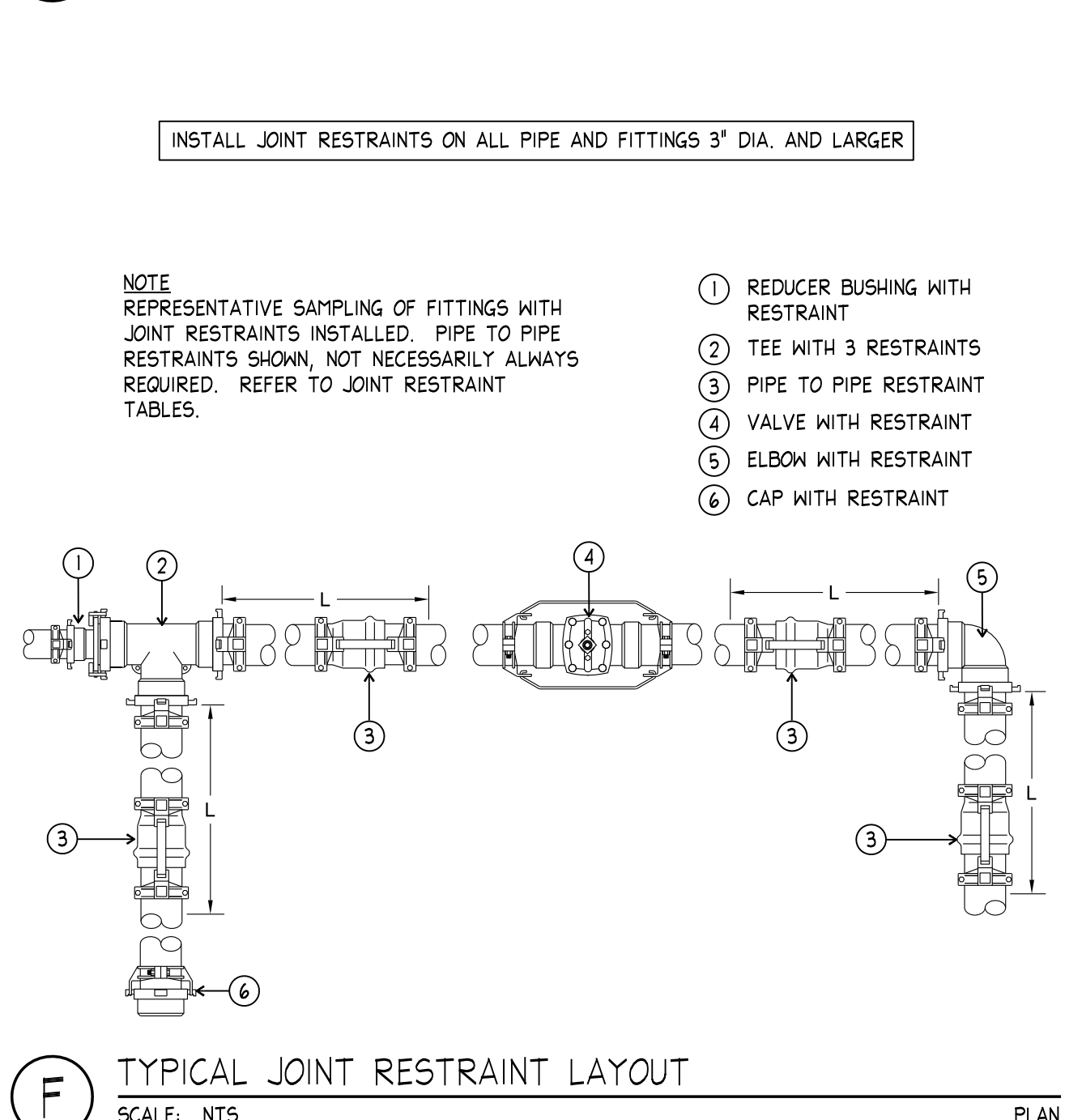
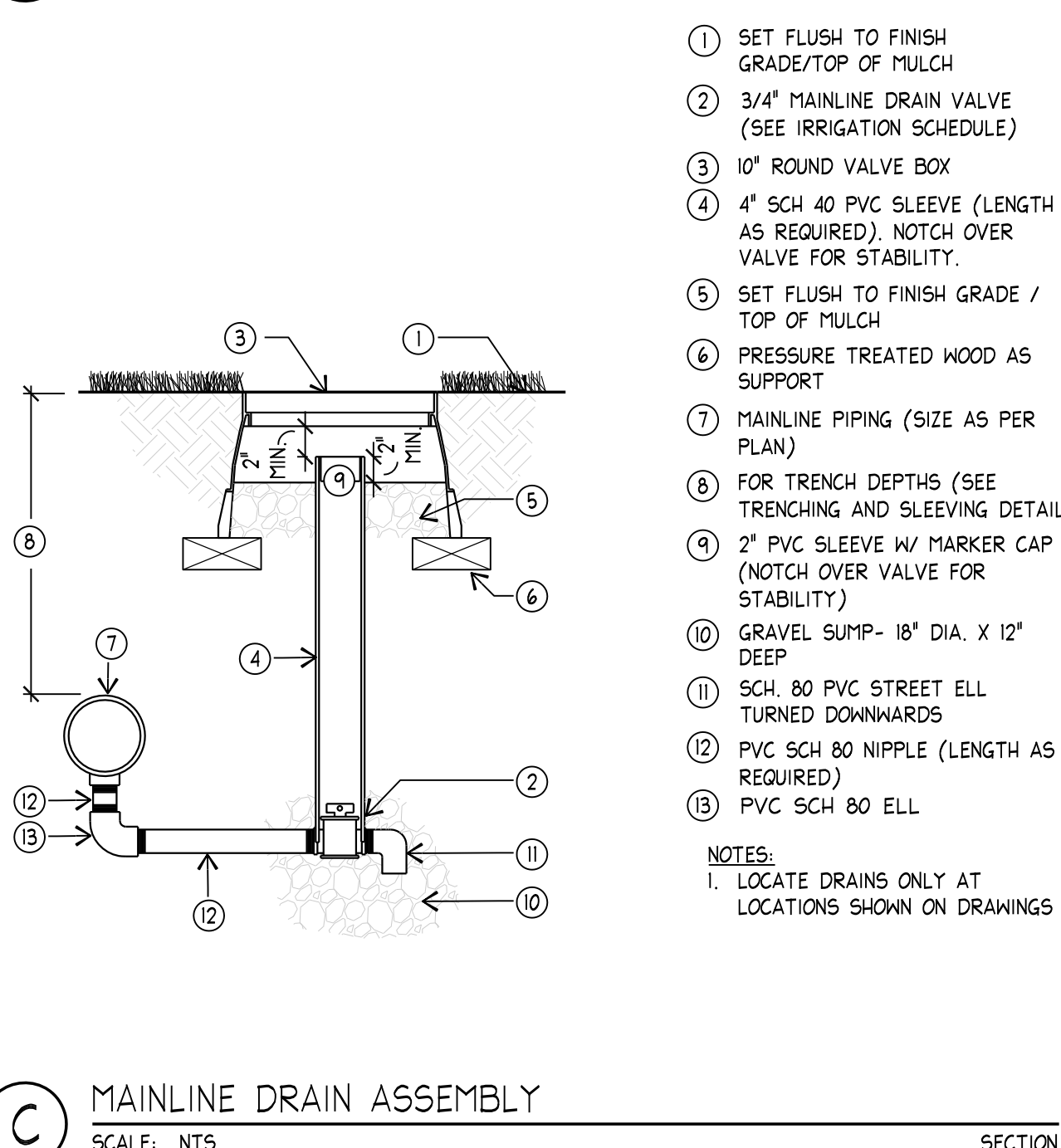
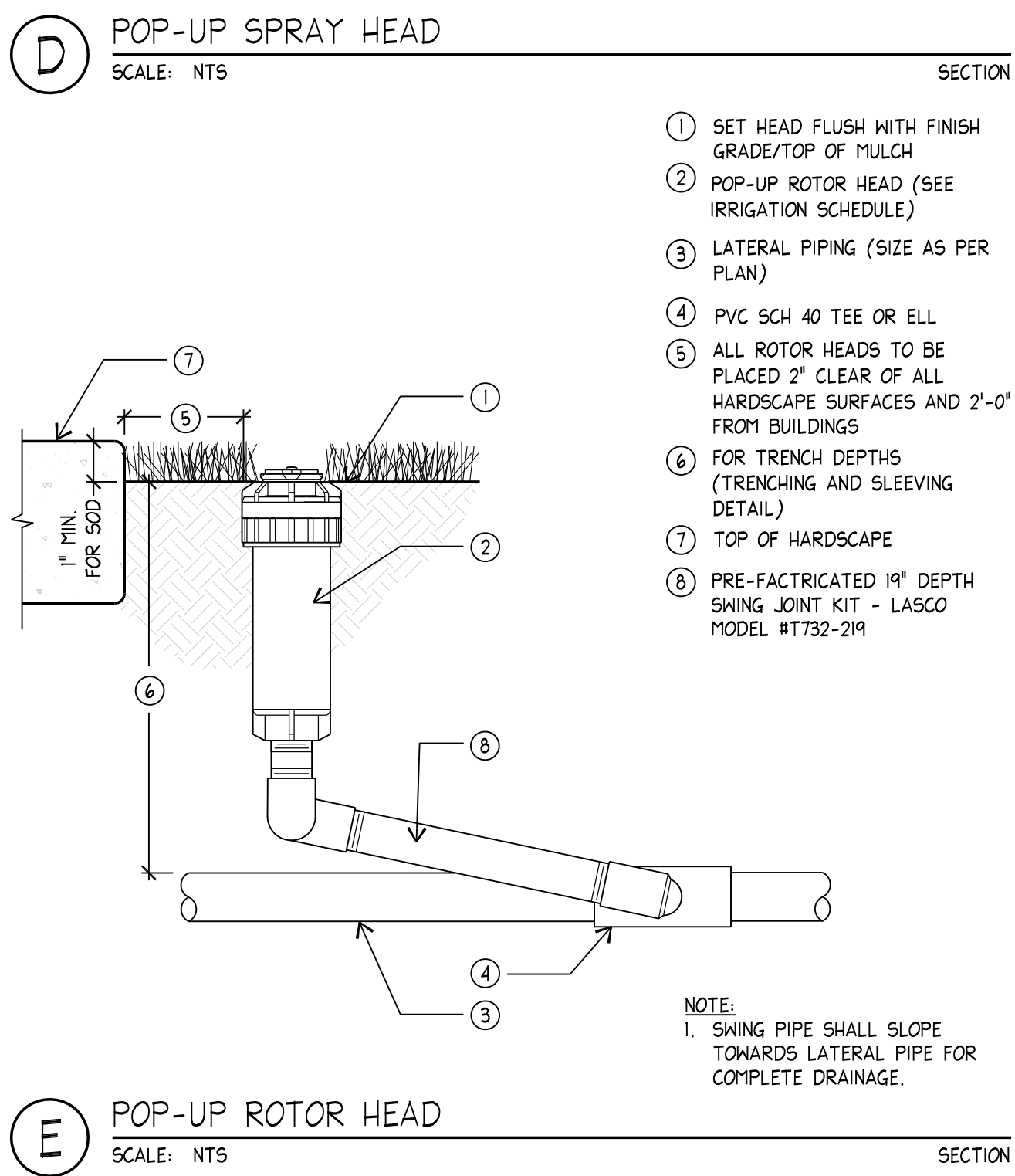
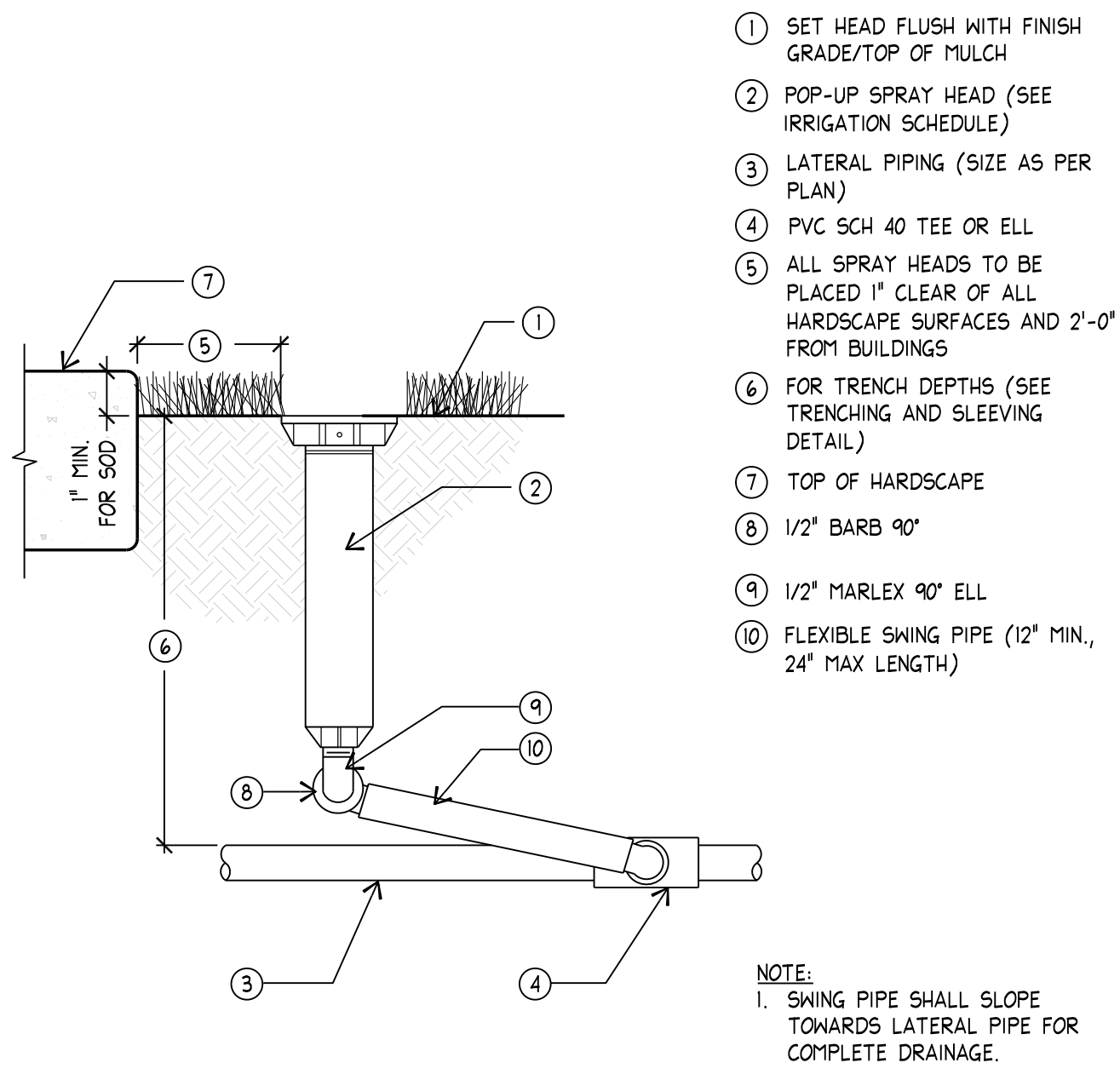
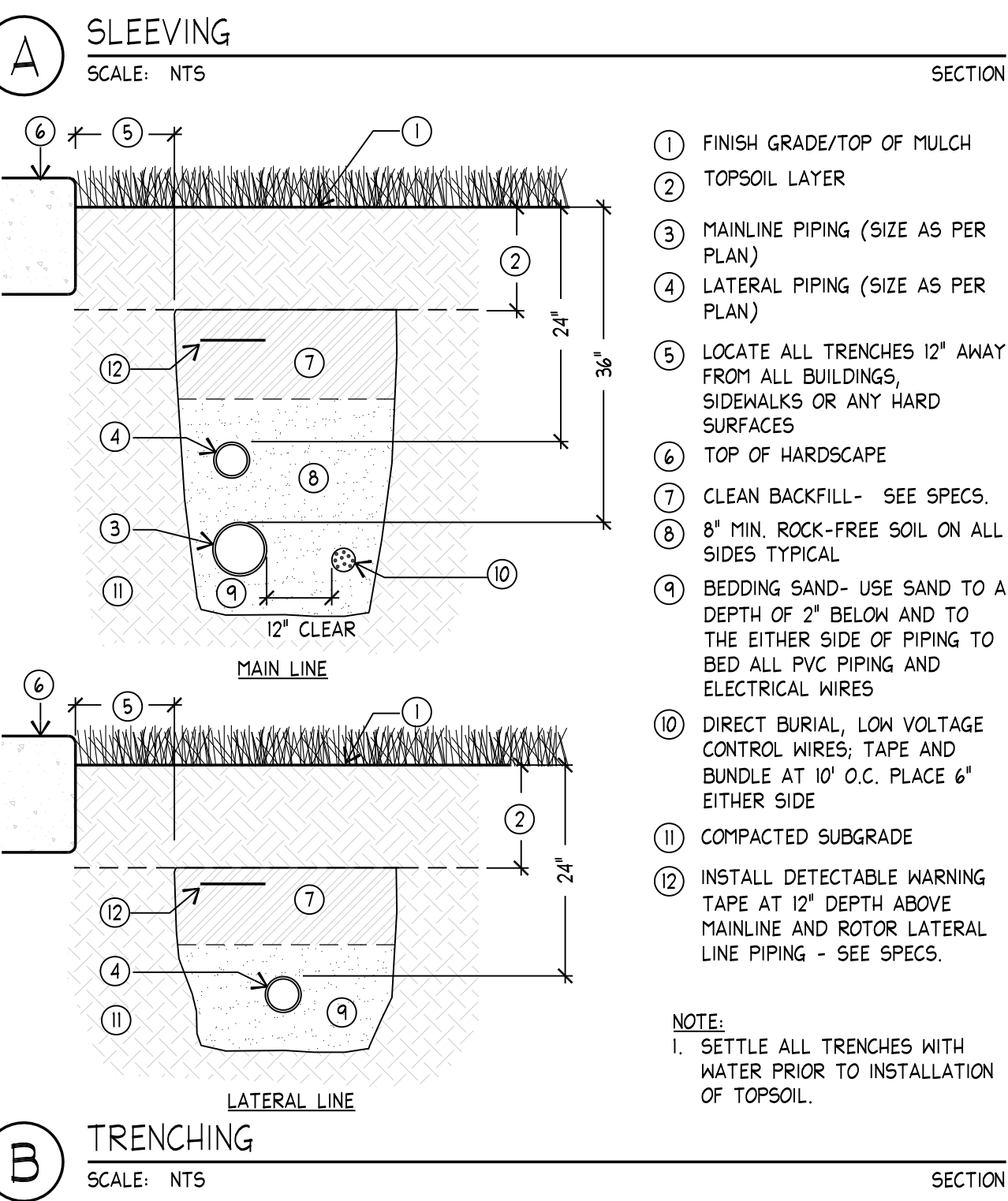
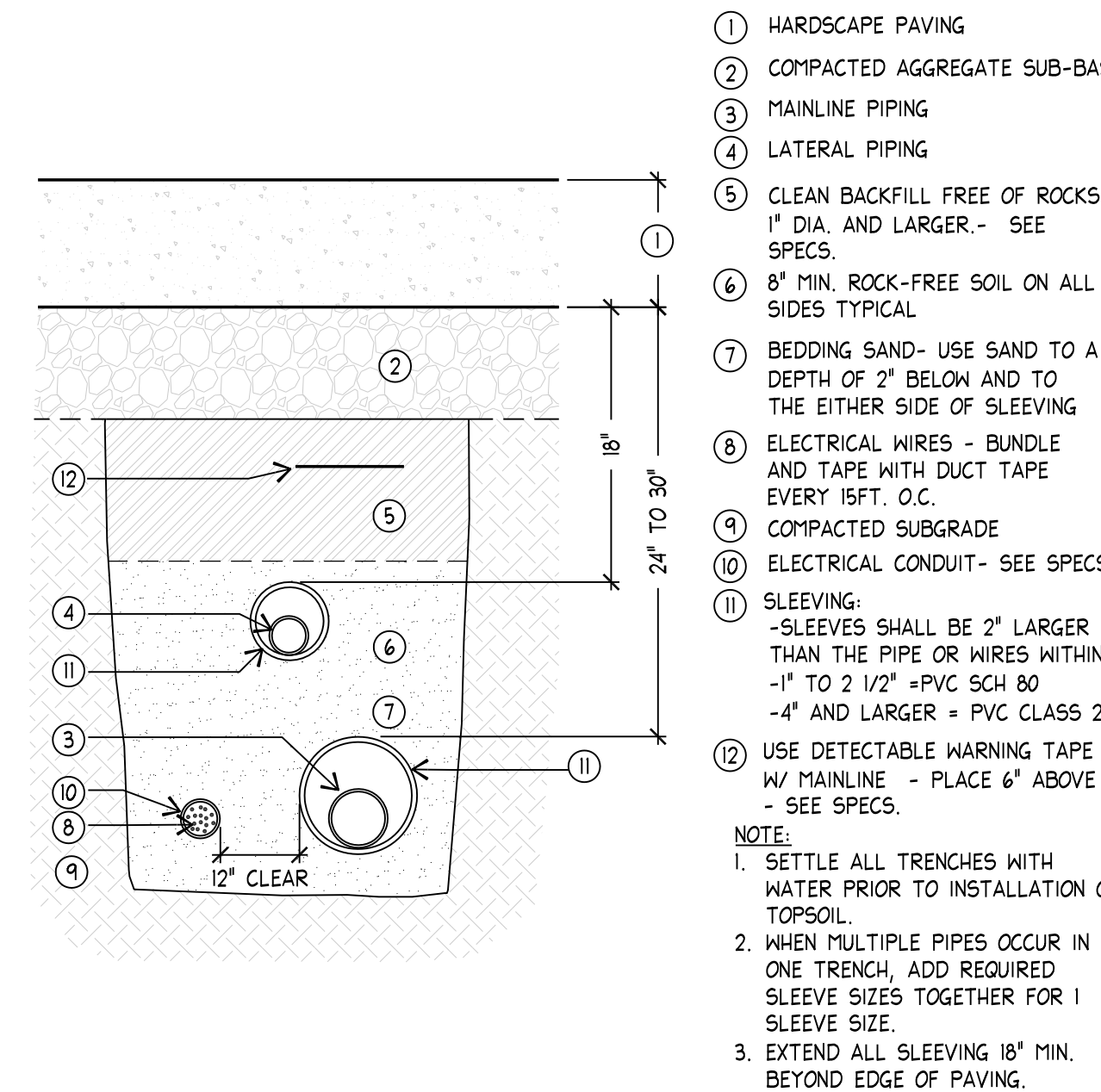
Sheet Number

IRRIGATION DETAILS

L-R501

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	Rain Bird XZ-100-PRB-COM Wide Flow Drip Control Kit for Commercial Applications, 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3gpm to 20gpm.
	Area to Receive Drip Emitters GPH Irrigation GPST-CV-M Threaded pressure compensating drip emitter with 1/2in. FIPT inlet and Diffuser Cap Outlet in Mulch Camo Color. Spring Check Valve Technology. Brown = 0.5 GPM; Black = 1.0 GPM; Green = 2.0 GPM; Yellow = 4.0 GPM; Tan = 6.0 GPM; Gray = 8.0 GPM; Orange = 10.0 GPM.
	Rain Bird PRS-D 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulator Module.
	Rain Bird 5-LRC 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Rubber Cover, & 1-Piece Body.
	Irrigation Lateral Line: PVC Schedule 40
	Irrigation Mainline: PVC Schedule 40 PVC Schedule 40 irrigation pipe.
	Pipe Sleeve: PVC Class 200 SDR 21
	Valve Callout # - Valve Number - Valve Flow - Valve Size
	Existing Irrigation Mainline - Field Verify - Remove or Abandon in Place
	Existing Irrigation Lateral Line - Field Verify - Remove or Abandon in Place
	Existing Controller - Protect in Place
	Existing Valves - Protect in Place
	Existing Irrigation Mainline - Field Verify - Remove or Abandon in Place
	Existing Valves - Remove and Convey to Owner



INSTALL JOINT RESTRAINTS ON ALL PIPE AND FITTINGS 3" DIA. AND LARGER

INSTALLATION CHART

REFER TO THE FOLLOWING TABLE WHICH LISTS THE NUMBER OF BOLTS, SIZE, AND TORQUE FOR EACH BOLT IN REFERENCE TO THE SIZE OF PIPE WHICH IS BEING RESTRAINED.

AS AN EXAMPLE, IF YOU HAVE A 3" PIPE, YOU WILL NEED 2 BOLTS THAT ARE 3/8" X 2.5" AND TIGHTEN THEM WITH A TORQUE WRENCH TO 20 FT-LBS.

PIPE SIZE	NO. BOLTS	BOLT SIZE	TORQUE FT-LBS.
3"	2	3/8" x 2.5"	20
4"	2	1/2" x 3"	50
6"	2	1/2" x 3.5"	50
8"	4	1/2" x 4"	50
10"	4	5/8" x 5.5"	100
12"	4	5/8" x 5.5"	100

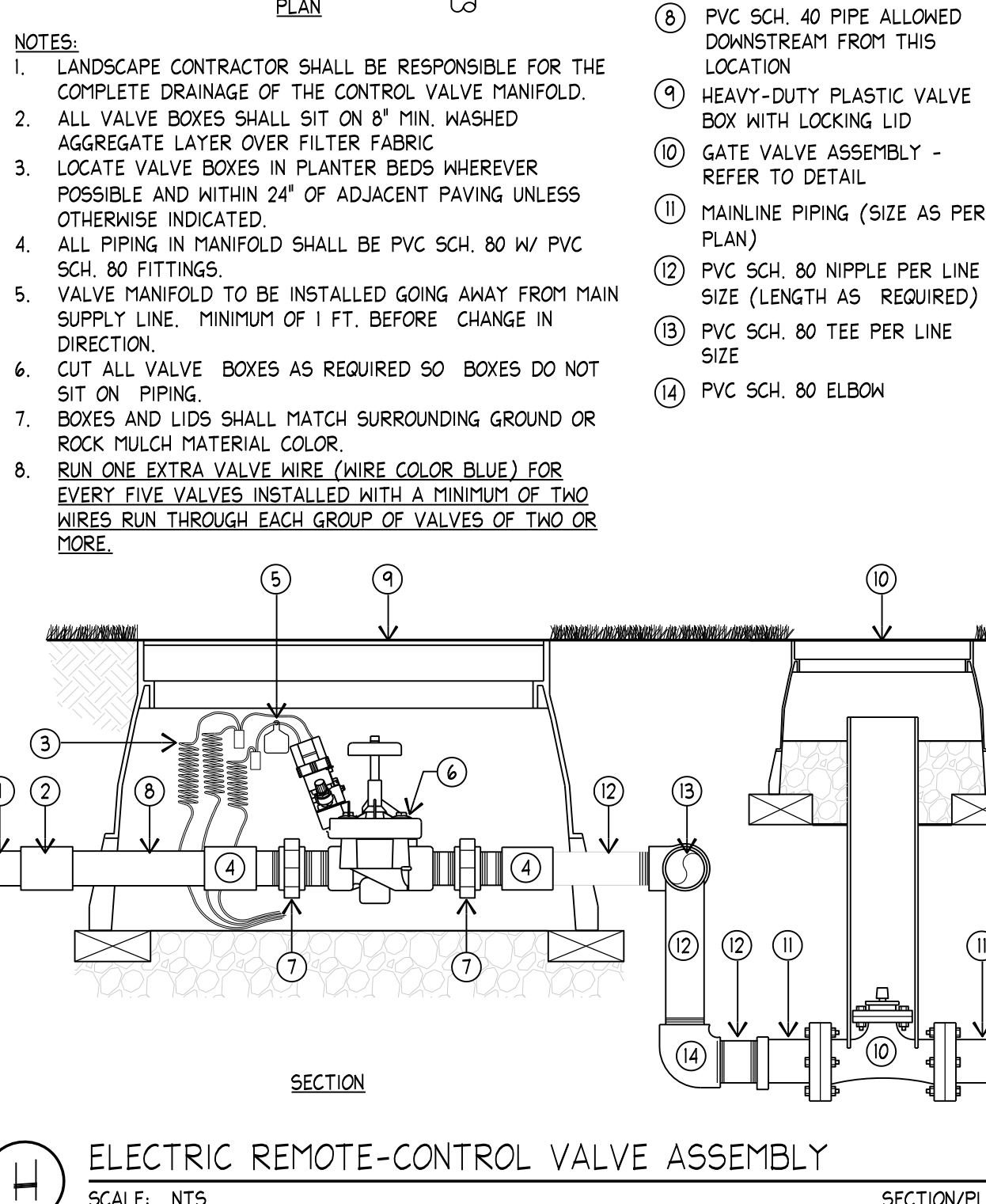
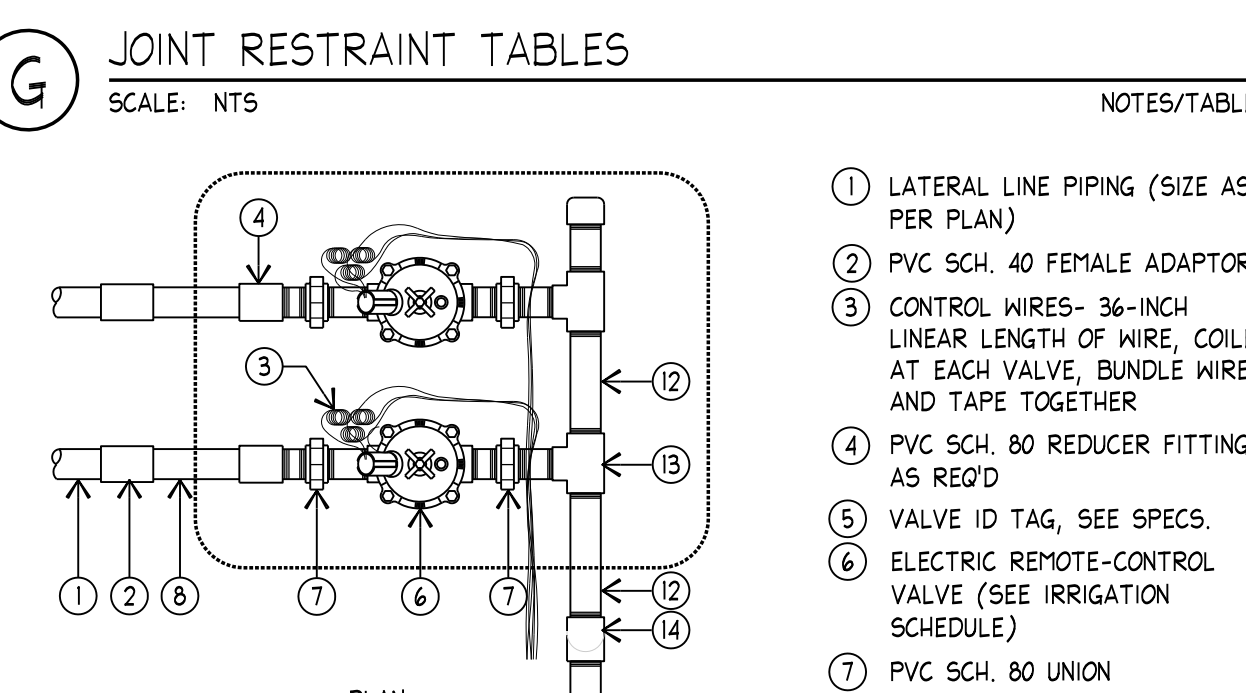
DISTANCE CHART

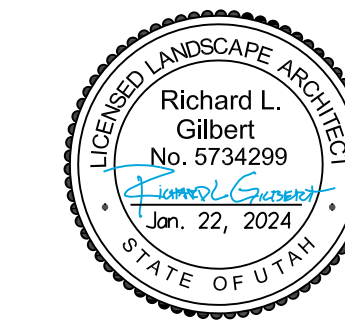
REFER TO THE FOLLOWING TABLE THAT LISTS THE LENGTH (IN FEET) FOR EACH SIZE/TYPE FITTING WITHIN WHICH ALL JOINTS JUST BE RESTRAINED. ALL FITTINGS AND JOINT RESTRAINTS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS & SPECIFICATIONS.

AS AN EXAMPLE, IF YOU ARE INSTALLING A 3" MAINLINE WITH A DIRECTIONAL CHANGE OF 90°, REFER TO CHART UNDER PIPE SIZE TO 3" AND UNDER BENDS 90° YOU WILL SEE THE DISTANCE OF 11". IF THERE IS ANY JOINT (VALVE, BELL, ETC.) YOU MUST INSTALL A JOINT RESTRAINT WITHIN 11" OF THE 90° MAINLINE DIRECTIONAL CHANGE.

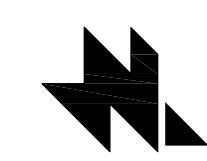
PIPE SIZE	BENDS				REDUCERS			DEAD END	
	11"	22"	45"	90"	1 STEP	2 STEP	3 STEP	BLIND	SERV. B.
3"	2'	3'	6'	11'	8'	10'	-	30'	15'
4"	2'	4'	14'	20'	9'	11'	31'	45'	25'
6"	3'	6'	13'	29'	30'	40'	53'	63'	40'
8"	4'	8'	15'	38'	33'	55'	63'	75'	70'
10"	5'	9'	19'	45'	36'	56'	75'	96'	90'
12"	5'	10'	21'	53'	38'	60'	83'	112'	110'

THESE CHARTS ARE BASED ON USE OF LEECMO PRODUCTS, AND PROVIDED AS REFERENCE ONLY. CONTRACTOR SHALL CONTACT CORRESPONDING MANUFACTURER REPRESENTATIVE FOR PROPER CHARTS, TRAINING AND CERTIFICATION IF OTHER PRODUCTS ARE SUBMITTED AND APPROVED. FOR USE OF LEECMO PRODUCTS, CONTACT TONY GARNER @ (208) 631-7787, THE LEECMO REPRESENTATIVE, FOR ALL QUESTIONS CONCERNING LEECMO PRODUCTS.





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Revision Schedule		
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NWL Project Number
136.020

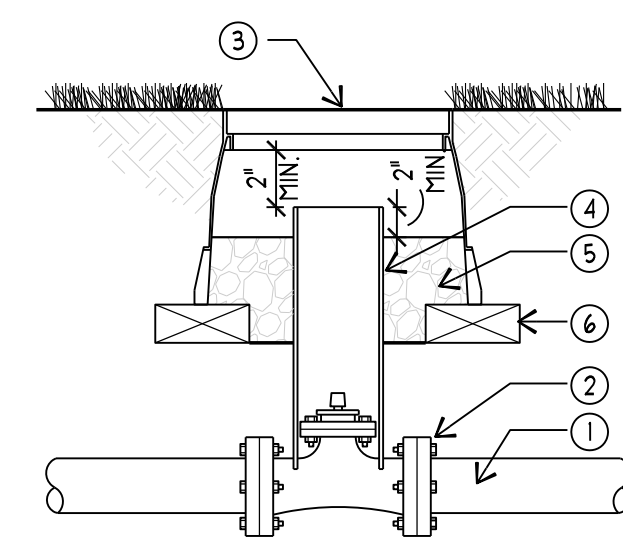
Project Issue Date
January 22, 2024

Sheet Title

Sheet Number

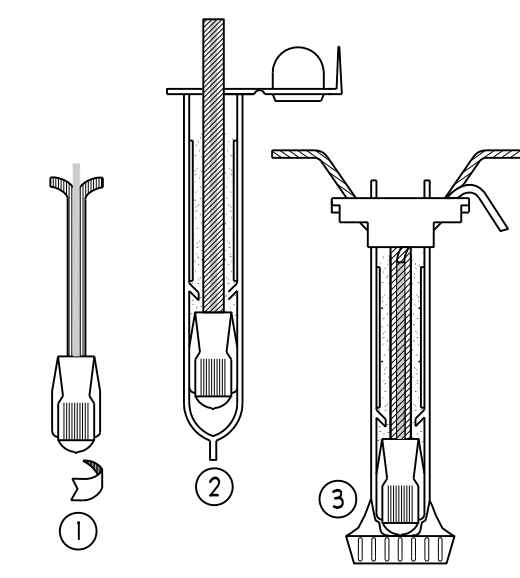
IRRIGATION DETAILS

L-R502



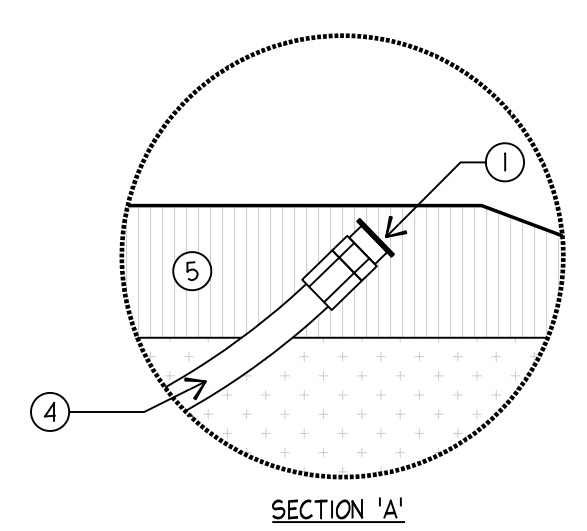
D GATE VALVE ASSEMBLY
SCALE: NTS SECTION

- 1 MAINLINE PIPING (SIZE AS PER PLAN)
- 2 GATE VALVE (SEE IRRIGATION SCHEDULE)
- 3 10" ROUND VALVE BOX SET FLUSH TO FINISH GRADE/TOP OF MULCH (LOCATION APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION)
- 4 6" SCH 40 PVC SLEEVE (LENGTH AS REQUIRED). NOTCH OVER VALVE FOR STABILITY.
- 5 12-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE OVER FILTER FABRIC
- 6 PRESSURE TREATED WOOD SUPPORTS



A 3M DBY-6 DIRECT BURY SPLICE KIT
SCALE: NTS SECTION

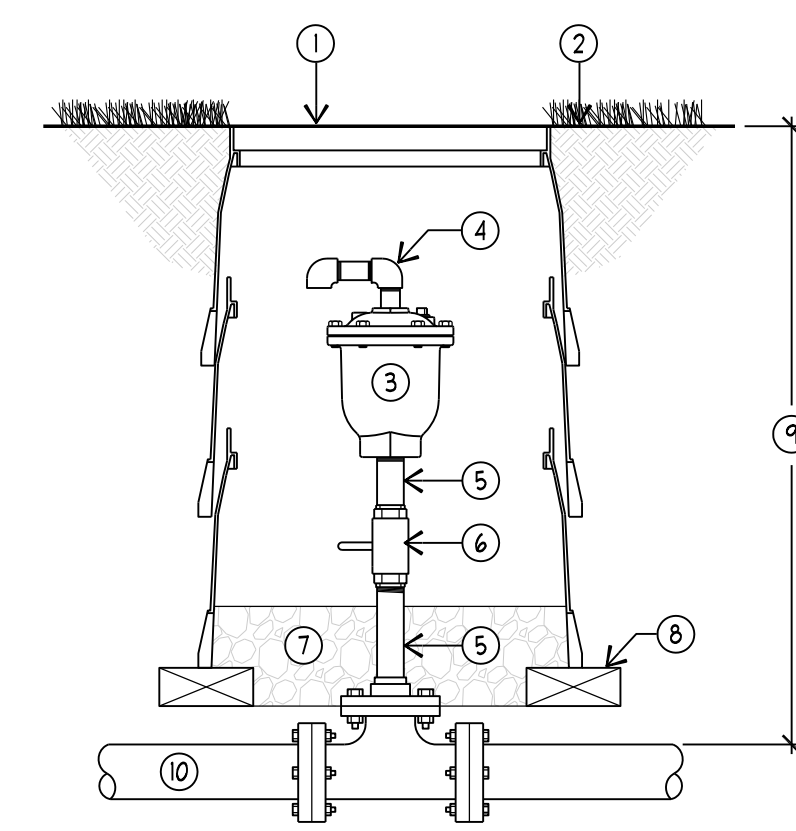
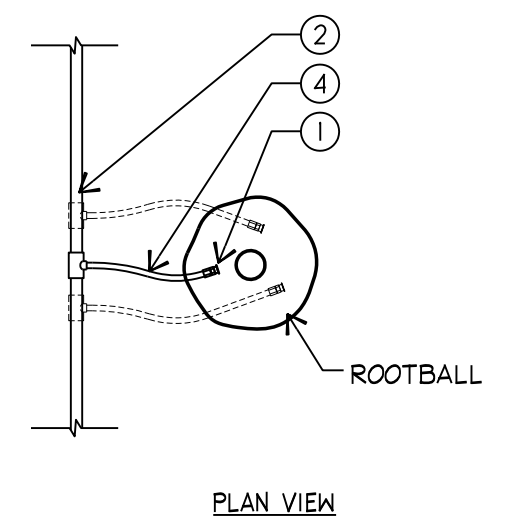
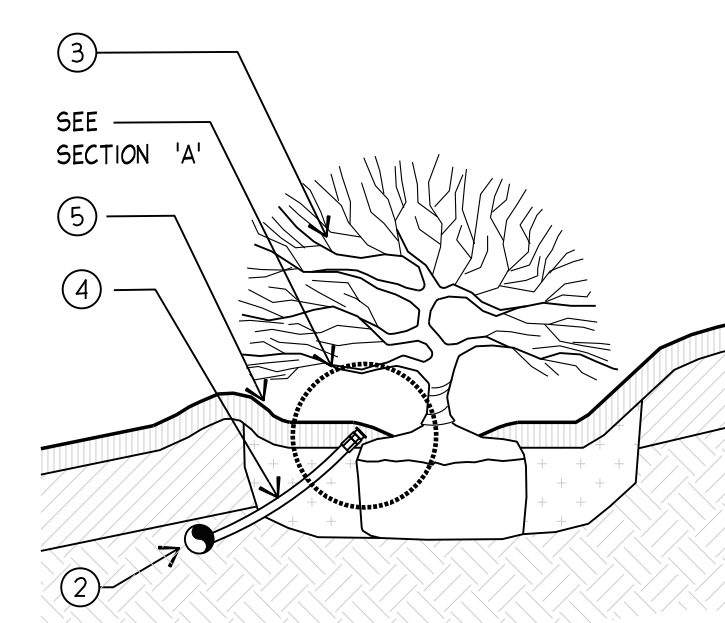
- 1 STRIP WIRES AND APPLY SCOTCHLOK Y ELECTRICAL SPRING CONNECTOR IN A CLOCKWISE DIRECTION.
- 2 INSERT SPLICE TO BOTTOM OF GEL FILLED TUBE. VISUALLY CHECK TO MAKE SURE SCOTCHLOK CONNECTOR HAS BEEN PUSHED PAST THE LOCKING FINGERS AND IS SEATED ON THE BOTTOM OF THE TUBE.
- 3 POSITION WIRES IN WIRE CHANNELS AND CLOSE INSULATOR TUBE COVER.



E DRIP BUBBLERS AT PERENNIALS/SHRUBS/TREES
SCALE: NTS SECTION/PLAN

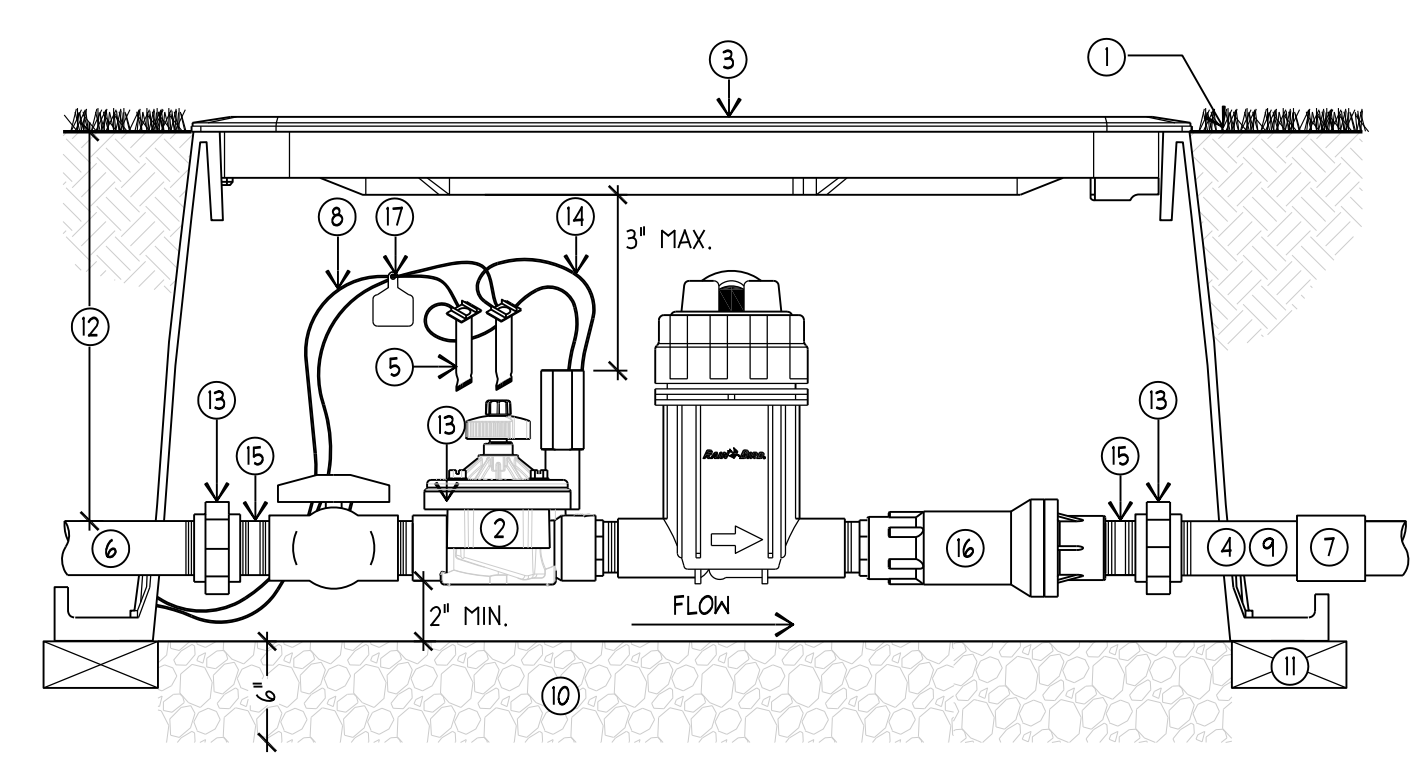
EMITTER QUANTITIES

1 gal SHRUBS:	1 EMITTERS
5 gal SHRUBS:	2 EMITTERS
10 gal SHRUBS:	2 EMITTERS
15 gal SHRUBS:	3 EMITTERS
B & B TREES:	3 EMITTERS



B AIR RELIEF VALVE
SCALE: NTS SECTION

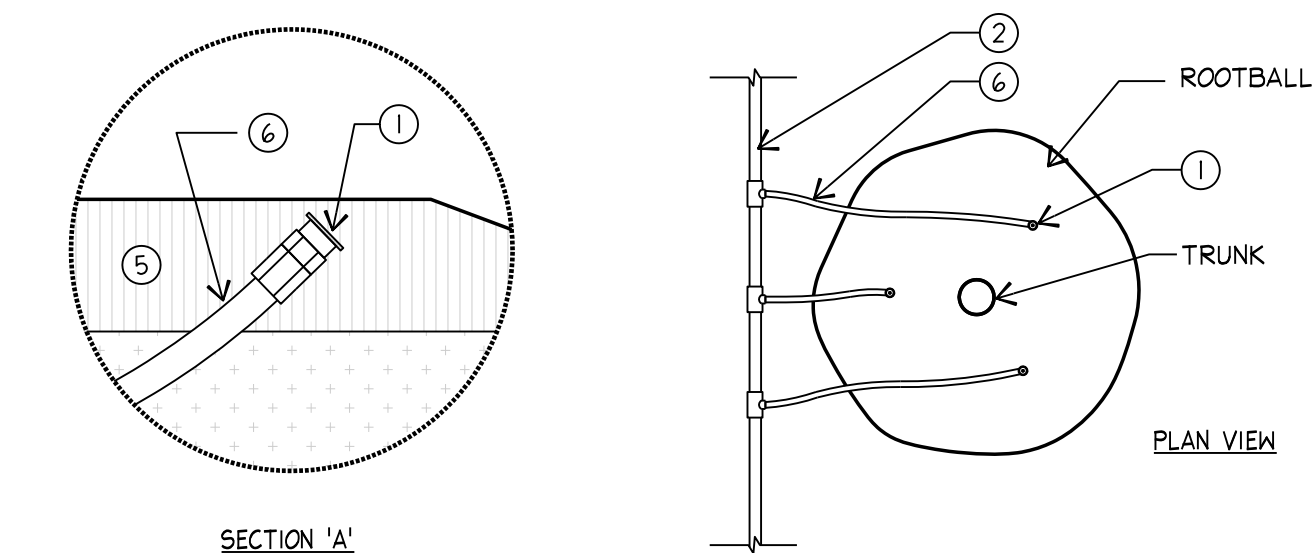
- 1 STANDARD VALVE BOX WITH LOCKING LID - AND EXTENSIONS AS REQUIRED TO PROVIDE ADEQUATE DEPTH FOR MAINLINE
- 2 SET FLUSH TO FINISH GRADE/TOP OF MULCH
- 3 AIR RELIEF VALVE INSTALLED ON MAINLINE AT ALL DEAD ENDS AND HIGH SPOTS
- 4 SCH. 80 NIPPLE (2) AND ELBOW (2)
- 5 SCH. 80 NIPPLE
- 6 BRASS BALL VALVE
- 7 12-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE. LAYER UNDER ENTIRE BOX.
- 8 PRESSURE TREATED WOOD AS SUPPORT
- 9 FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVEING DETAIL.)
- 10 MAINLINE PIPING (SIZE AS PER PLAN)



F ELECTRIC REMOTE CONTROL VALVE W/ DISC FILTER & PRV
SCALE: NTS SECTION

- 1 SET FLUSH TO FINISH GRADE/TOP OF MULCH
- 2 ELECTRIC REMOTE-CONTROL VALVE DRIP KIT (SEE IRRIG. SCH.)
- 3 VALVE BOX (SEE SPECS.)
- 4 PVC SCH 80 TOE NIPPLE WITH SXS FITTING (LENGTH AS REQUIRED)
- 5 DBR-Y-6
- 6 MAINLINE PIPING (SIZE AS PER PLAN)
- 7 PVC SCH 80 SLIP X SLIP COUPLING OR BELL END OF PIPE
- 8 CONTROL WIRES- 30-INCH LINEAR LENGTH OF WIRE, COILED
- 9 LATERAL PIPING (SIZE AS PER PLAN)
- 10 12-INCH MINIMUM DEPTH OF 3/4-INCH WASHED AGGREGATE OVER FILTER FABRIC
- 11 BRICK FOUNDATION, TYP.
- 12 FOR TRENCH DEPTHS (SEE TRENCHING AND SLEEVEING DTL)
- 13 PVC SCH. 80 UNION
- 14 CONTROL WIRES TO VALVE SOLENOID (TYP.)
- 15 PVC SCH. 80 NIPPLE; LENGTH AS REQUIRED (TYP.)
- 16 INLINE PRESSURE REGULATOR VALVE (SEE IRRIGATION SCH.)
- 17 VALVE TAG

- NOTES:**
1. LOCATE ALL VALVE BOXES IN PLANTER BEDS UNLESS OTHERWISE INDICATED. MAINTAIN 3 FEET AWAY FROM THE HARDSCAPE
 2. ALL FITTINGS AND NIPPLES IN MANIFOLD SHALL BE SCH. 80 THREADED PVC USING TEFLON TAPE.
 3. VALVE MANIFOLD TO BE INSTALLED GOING AWAY FROM MAIN SUPPLY LINE. MINIMUM OF 1 FOOT BEFORE CHANGE IN DIRECTION.
 4. CUT ALL VALVE BOXES AS REQUIRED SO BOXES DO NOT SIT ON PIPING.



C TREE BUBBLERS
SCALE: NTS SECTION/PLAN

- 1 DRIP EMITTER WITH BARB FITTINGS, SEE IRRIGATION SCHEDULE
- 2 IRRIGATION LATERAL LINE
- 3 SEE PLANTING DETAIL.
- 4 UNDISTURBED SUBGRADE
- 5 MULCH, SEE SPECS
- 6 1/2" POLYETHYLENE SWING PIPE, LENGTH AS NEEDED
- 7 TREE GRATE

LIGHT FIXTURE SCHEDULE

LIGHT FIXTURE ABBREVIATION SCHEDULE		PROJECT MANAGER: DRAYTON BAILEY	
A.F.F. WALL@CLG CCBA	ABOVE FINISH FLOOR WALL MOUNT AT CORNER OF WALL AND CEILING CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT	SCBA CFBA SFA	STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT CUSTOM FINISH AS SELECTED BY THE ARCHITECT STANDARD FINISH AS SELECTED BY THE ARCHITECT
LIGHT FIXTURE GENERAL NOTES			
1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES AND, CONFIRM CEILING TYPES WITH LIGHT FIXTURE TRIMS. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING.			
2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING.			
3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, LED DRIVERS, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS.			
4. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE.			
5. REFER TO LIGHTING PLANS FOR ALL LINEAR FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF LINEAR FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH.			
6. REFER TO LIGHTING PLANS FOR ALL UNDERCABINET FIXTURE LENGTHS. THE CATALOG NUMBER IS BASED ON THE FIXTURE SPECIFIED AND MAY NOT REFLECT THE QUANTITY OR OVERALL LENGTH OF THE UNDERCABINET FIXTURES REQUIRED. CONTRACTOR TO NOTE THAT VARIOUS FIXTURE LENGTHS MAY BE REQUIRED TO ACHIEVE THE OVERALL RUN LENGTH OR TO FIT WITHIN THE MILLWORK. COORDINATE FIXTURE LAYOUT WITH MILLWORK SHOP DRAWINGS PRIOR TO LIGHTING SUBMITTALS.			
7. WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, NOTIFY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.			
8. PRIOR APPROVALS ARE REQUIRED BEFORE BIDDING THE PROJECT AND SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE...			
9. REFER TO SPECIFICATIONS 20 0500, 26 5100 & 26 5600 (16001, 16510 & 16551).			
10. VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM (E, ARCHITECT, ENGINEER & LIGHTING CONSULTANT/DESIGNER) WILL NOT BE ALLOWED, REVIEWED OR APPROVED.			

TYPE	DESCRIPTION	MFR.	CATALOG #	VOLTS	TOTAL WATTS	LAMP TYPE	DELIVERED LUMENS	COLOR TEMP	CRI
OP2A	MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; TFM+T2 OPTICS; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNERS' REQUIREMENTS; 250,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25" ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; DUAL HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT	NLS LIGHTING	NV-1-TFM+T2-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX-RTAP-25-188-X-X-SGL-SCBA-XX-VD	277 V	208 VA	LED	25,000	4000 K	70+
OP14	MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; TYPE TFM OPTIC; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNERS' REQUIREMENTS; 250,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25" ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; SINGLE HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT	NLS LIGHTING	NV-1-TFM-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX-RTAP-25-188-X-X-SG L-SCBA-XX-VD	277 V	104 VA	LED	12,168	4000 K	70+
OP22	MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; T2+T2 OPTICS; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNERS' REQUIREMENTS; 250,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25" ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; DUAL HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT	NLS LIGHTING	NV-1-T2-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX-RTAP-25-188-X-X-SGL-S CBA-XX-VD	277 V	208 VA	LED	26,416	4000 K	70+
OP24	MEDIUM ARCHITECTURAL AREA LED SITE LUMINAIRE; DIE-CAST & EXTRUDED ALUMINUM HOUSING; TFM+T2 OPTICS; FULL CUTOFF; IP66 RATED; DIMMING MOTION SENSOR, PROGRAMMED PER OWNERS' REQUIREMENTS; 250,000 HOUR (L70); 5 YR. WARRANTY; 0-10 DIMMING; MOUNTED ON A 25" ROUND TAPERED ALUMINUM POLE w/VIBRATION DAMPENING; MAX EPA 9.4 @ 120; 10 YR WARRANTY ON POLE; DUAL HEAD LUMINAIRE MOUNTING; STANDARD COLOR BY ARCHITECT	NLS LIGHTING	NV-1-TFM-48L-7-40K7-HV-ASA-SCBA-FSP-40-QMB-XX-RTAP-25-188-X-X-SG L-SCBA-XX-VD	277 V	208 VA	LED	24,336	4000 K	70+

CONDUIT LINE-TYPE LEGEND

— EUGP —	EUGP	EXISTING UNDERGROUND POWER
— EULP —	EULP	EXISTING UNDERGROUND LIGHTING POWER
— NULP —	NULP	NEW UNDERGROUND LIGHTING POWER
— NUGP —	NUGP	NEW UNDERGROUND POWER
— NUPP —	NUPP	NEW UNDERGROUND FIBER

GENERAL NOTES

- CONSULT ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF ALL LIGHTING FIXTURES.
- VERIFY ALL EQUIPMENT DIMENSIONS AND LOCATIONS BEFORE BEGINNING ROUGH-IN. CONSULT ALL APPLICABLE CONTRACT DRAWINGS AND SHOP DRAWINGS TO INSURE NEC CODE CLEARANCES REQUIRED AROUND ALL ELECTRICAL EQUIPMENT.
- CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENTS, ETC) OF ALL EQUIPMENT FURNISHED UNDER ALL DIVISIONS, INCLUDING ALL EXISTING EQUIPMENT TO BE RE-USED. REVIEW ALL SHOP DRAWINGS AND EXISTING EQUIPMENT BEFORE BEGINNING ROUGH-IN.
- SEE SECTION 265100 (16510) OF THE SPECIFICATION FOR REQUIRED COORDINATION MEETINGS WITH MECHANICAL AND CEILING CONTRACTORS.
- SEE APPLICABLE SHOP DRAWINGS FOR ROUGH-IN LOCATION OF ALL EQUIPMENT, WIRING DEVICES, ETC. WHERE APPLICABLE MOUNT ALL WIRING DEVICES ABOVE BACK SPLASH EXCEPT THOSE SERVING UNDER COUNTER EQUIPMENT.
- FINISHES OF ALL LIGHT FIXTURES SHALL BE AS SELECTED BY ARCHITECT.
- THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COOPERATE WITH THE MECHANICAL CONTRACTOR SUCH THAT NO PIPING, DUCTS, OR EQUIPMENT FOREIGN TO THE OPERATION OF THE ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED IN, ENTER OR PASS THRU ELECTRICAL ROOMS OR SPACES, OR ABOVE OR BELOW ELECTRICAL EQUIPMENT IN OTHER AREAS.
- ELECTRICAL BOXES SHALL NOT BE LOCATED IN MASONRY COLUMNS IN BRICK WALLS OR IN GROUTED CELLS ADJACENT TO OPENINGS. COORDINATE LOCATION OF BOXES WITH MASONRY CONTRACTOR.
- ALL PENETRATIONS OF FIRE RATED FLOORS, WALLS, AND CEILINGS SHALL BE SEALED WITH APPROVED MATERIAL TO MAINTAIN FIRE RATING OF SURFACE PENETRATED.
- CONTRACTOR SHALL VERIFY FURNITURE LAYOUT PRIOR TO ANY FLOORBOX OR POKE-THRU INSTALLATION. COORDINATE EXACT LOCATION OF FLOOR BOX OR POKE-THRU WITH OWNER AND FURNITURE PROVIDER PRIOR TO ROUGH-IN.
- CIRCUITS EXTENDING OVER 70' FOR 120 VOLT AND 115' FOR 277 VOLT 20 AMP CIRCUITS SHALL BE RUN WITH CONDUCTORS PER TABLE BELOW.

20 AMP MINIMUM BRANCH CIRCUIT CONDUCTOR SIZING			
MAXIMUM LENGTH	BRANCH CIRCUIT VOLTAGE		
	120 VOLT	277 VOLT	
CONDUCTOR LENGTH (FT)	MIN. #12 AWG	MIN. #12 AWG	
<70	MIN. #12 AWG	MIN. #12 AWG	
70 - 115	MIN. #10 AWG	MIN. #12 AWG	
115 - 170	MIN. #8 AWG	MIN. #10 AWG	
170 - 270	MIN. #6 AWG	MIN. #8 AWG	
271 - 380	NOTE B	MIN. #8 AWG	
>380	NOTE B	NOTE B	

- THESE ARE BASED ON MAXIMUM LENGTH OF CIRCUIT.
- PERFORM VOLTAGE DROP CALCULATIONS AND PROVIDE CONDUCTOR SIZE TO KEEP BRANCH CIRCUIT VOLTAGE DROP LESS THAN 3% WITH A 15 AMP LOAD.
- CONTRACTOR SHALL ENSURE THAT THE INSTALLATION OF EACH BRANCH CIRCUIT STAYS WITHIN 3% VOLTAGE DROP FOR A 15 AMP LOAD. IF NECESSARY CONTRACTOR SHALL INCREASE WIRE AND CONDUIT SIZE TO MEET THE STANDARD AT NO ADDITIONAL COST TO OWNER.

DEMOLITION NOTES

- COORDINATE ALL NEW ELECTRICAL EQUIPMENT REQUIREMENTS AND MAKE CONNECTION TO EXISTING SYSTEMS. THIS INCLUDES LIGHTING, POWER, SIGNAL, RACEWAY AND OTHER SYSTEMS INCLUDED UNDER DIVISION 26 (16).
- RELOCATE, REWIRE AND/OR RECONNECT EXISTING ELECTRICAL DEVICES AND/OR EQUIPMENT THAT FOR ANY REASON OBSTRUCTS CONSTRUCTION.
- CONCEAL ALL RACEWAY AND WIRING IN EXISTING WALLS, CEILINGS, FLOORS, ETC. EXCEPT WHERE THE USE OF SURFACE METAL RACEWAYS (E.G. WIRE MOLD) IS INDICATED ON DRAWINGS OR IN SPEC.
- LEAVE ALL EXISTING EQUIPMENT, IN PORTIONS OF THE BUILDING NOT BEING REMODELED, IN WORKING CONDITION. RESTORE ALL INTERRUPTED BRANCH CIRCUITS, FEEDERS, ETC. TO WORKING CONDITION.
- EXISTING RACEWAYS MAY BE REUSED (IN PLACE) WHERE POSSIBLE, AND WHERE IN COMPLIANCE WITH THE SPECIFICATIONS AND THE INTENT OF THE CONTRACT DOCUMENTS. INSURE INTEGRITY OF EXISTING RACEWAY BEFORE REUSE.
- REMOVE ALL RACEWAYS, CONDUCTORS, BOXES, DEVICES, EQUIPMENT, ETC. THAT ARE NOT TO BE REUSED.
- REMOVE EXISTING LIGHT FIXTURES WHICH ARE NOT TO BE REUSED, PLACE IN CARTON, LABEL APPROPRIATELY, AND RETURN TO OWNER, OR PROPERLY DISPOSE OF FIXTURES THAT THE OWNER CHOOSES NOT TO KEEP.
- DO NOT PENETRATE STRUCTURAL ELEMENTS OF FLOORS, WALLS, CEILINGS, ROOFS, ETC.
- DISCONNECT AND RECONNECT ANY/ALL FIXTURES, DEVICES, EQUIPMENT, ETC. REQUIRED FOR PROPER COMPLETION OF THE WORK.

SYMBOL LEGEND

- NOTES:
- SEE FIXTURE SCHEDULE FOR TYPE, MOUNTING AND WATTAGE.
 - HEIGHT MEASURED TO CENTER LINE OF THE BOX FROM THE FINISHED FLOOR.
 - REFER TO DRAWINGS FOR DIRECTIONAL ARROWS.
 - SUBSCRIPT INDICATES FIXTURES TO BE CONTROLLED.
 - NEMA TYPE 'ND' NON-FUSED UNLESS NOTED 'F' (FUSED). USE '10' 480 V.
 - HEIGHT MEASURED TO TOP OF THE BOX FROM FINISHED FLOOR.
 - PROVIDE H.O.A. AND S.S. PUSHBUTTONS AS REQUIRED.
 - DOUBLE ARROWS INDICATES A DOUBLE FACE UNIT.
 - DEVICES NOTED WITH AN 'A' INDICATE TO COORDINATE WITH MILLWORK SHOP DRAWINGS AND ELEVATIONS FOR HEIGHT.
 - SUBSCRIPT INDICATES NEMA CONFIGURATION.
 - SOLID BOX AROUND DEVICE INDICATES INSTALLED IN FLOOR. DASHED BOX AROUND DEVICE INDICATES INSTALLED IN CEILING.
 - COORDINATE WITH DOOR HARDWARE SUPPLIER.
 - FOR WATER COOLER LOCATION, SEE DIAGRAM R002. FOR ALL OTHER LOCATIONS, MOUNT AT +16" TO BOTTOM OF BOX FROM FINISHED FLOOR, OR AS NOTED.
 - ARROWS SHOWN ON DEVICE INDICATE SENSOR AIMING DIRECTION.
 - CAMERA NUMBERS ARE SHOWN INSIDE THE CAMERA SYMBOL. CAMERA TYPES ARE INDICATED IN TAG.
 - MOUNT ON TRACK OF OVERHEAD DOOR, 6" FROM TOP OF DOOR, UNLESS OVERHEAD DOOR IS A ROLL UP DOOR, THEN MOUNT PER MANUFACTURER'S INSTRUCTIONS.
 - INSTALL DEVICES PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
 - DASHED LINE INDICATES EQUIPMENT CLEARANCES. ARROW INDICATES FRONT OF RACK.
 - SPEAKER TO BE MOUNTED IN HORIZONTAL POSITION.
 - MOUNTING HEIGHT IS TO BOTTOM OF DISPLAY.
- *TYPICAL SYMBOL SCHEDULE. SOME SYMBOLS MAY NOT BE USED ON THIS SET OF DRAWINGS.

STANDARD MOUNTING HEIGHT UNLESS OTHERWISE NOTED ON PLANS

GENERAL			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES
	ONE CIRCUIT, HOME RUN TO PANEL		
	2 CIRCUIT, HOME RUN TO PANEL		
	3 CIRCUIT, HOME RUN TO PANEL		
	CONDUIT RUN CONCEALED IN WALL OR CEILING		
	CONDUIT RUN CONCEALED IN FLOOR OR GROUND		
	CONDUIT UP		
	CONDUIT DOWN		
	CONDUIT STUB LOCATION	CAP CONDUIT	
	CONDUIT / CIRCUIT CONTINUATION		

LIGHTING			
SYMBOL	DESCRIPTION	MOUNTING HEIGHT	NOTES
	CEILING LIGHT FIXTURE	CEILING	1.
	WALL LIGHT FIXTURE	AS NOTED	1.
	RECESSED DOWNLIGHT FIXTURE	CEILING	1.
	RECESSED WALL-WASH DOWNLIGHT FIXTURE	CEILING	1.
	LIGHT FIXTURE	AS NOTED	1.
	EGRESS LIGHT FIXTURE	AS NOTED	1.
	AREA LIGHT POLE AND FIXTURE	CONCRETE BASE	1. SEE DIAGRAM
	BOLLARD	CONCRETE BASE	1.
	STEP LIGHT FIXTURE	AS NOTED	1.
	IN-GRADE LIGHT FIXTURE	CONCRETE BASE	1.
	FLOOD OR TRACK FIXTURE	AS NOTED	1.
	CEILING / WALL MOUNTED EXIT LIGHT	CEILING/ AS NOTED	1, 3, 8.
	EMERGENCY LIGHT FIXTURE	AS NOTED	1.
	COMBO EXIT / EMERGENCY LIGHT FIXTURE	AS NOTED	1.
	TIME CLOCK	+60"	2.

SHEET INDEX

E-001	SYMBOLS, SCHEDULES, AND NOTES
E-002	ELECTRICAL SPECIFICATIONS AND DIAGRAMS
E-100	ELECTRICAL DEMOLITION SITE PLAN
E-101	ELECTRICAL SITE PLAN

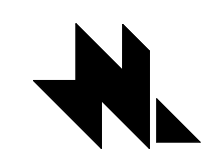
ABBREVIATIONS INDEX

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
#	NUMBER	MH	MANHOLE
AC	ALTERNATING CURRENT	MIC	MICROPHONE
A.F.F.	ABOVE FINISH FLOOR	MIN	MINIMUM
AIC	AMPS INTERRUPTING CAPACITY	MTG	MOUNTING
AM	AMPS METER	MTR	MOTOR
AMP	AMPERE	N/A	NOT APPLICABLE
ANN	ANNUNCIATOR	NC	NORMALLY CLOSED
ATS	AUTOMATIC TRANSFER SWITCH	NEC	NATIONAL ELECTRICAL CODE
AUX	AUXILIARY	NEMA	NATIONAL ELECT. MANUFAC. ASSOC.
AWG	AMERICAN WIRE GAUGE	NFPA	NATIONAL FIRE PROTECTION ASSOC.
BC	BARE COPPER	N.I.C.	NOT IN CONTRACT
BFG	BELOW FINISH GRADE	NO	NORMALLY OPENED
C	CONDUIT	NTS	NOT TO SCALE
CAB	CABINET	OS & Y	OUTSIDE SCREW & YOKE
CATB	COMMUNITY ANTENNA TELEVISION	PB	PUSHBUTTON
CATV	CABLE TELEVISION	PF	POWER FACTOR
CKT	CIRCUIT	PFR	PHASE FAILURE RELAY
CLG	CEILING	PNL	PANEL
CNTR	CONTRACTOR	PT	POTENTIAL TRANSFORMER
C.O.	CONDUIT ONLY	PVC	POLYVINYL CHLORIDE CONDUIT
CRT	COMPUTER TERMINAL	(R)	RELOCATE
CT	CURRENT TRANSFORMER	RECEP	RECEPTACLE
CU	COPPER	REQ	REQUIREMENT
CW	COMPLETE WITH	RLA	RATED LOAD AMPS
DB	DECIBEL	RMP	ROCKY MOUNTAIN POWER
DC	DIRECT CURRENT	RMS	ROOT MEAN SQUARE
DWG	DRAWING	SE	SERVICE ENTRANCE
(E)	EXISTING TO REMAIN, UNLESS OTHERWISE NOTED	SPEC	SPECIFICATIONS
EC	EMPTY CONDUIT	SPKR	SPEAKER
EG	EMERGENCY GENERATOR	SS	SELECTOR SWITCH
EMT	ELECTRICAL METALLIC TUBING	SW	SWITCH
EX	EXPLOSION PROOF	SWBD	SWITCHBOARD
FACP	FIRE ALARM CONTROL PANEL	SWGR	SWITCHGEAR
FC	FOOT CANDLE	TTB	TELEPHONE TERMINAL BOARD
FT	FOOT	TTC	TELEPHONE TERMINAL CABINET
GF1	GROUND FAULT INTERRUPTER	TV	TELEVISION
GND	GROUND	TYP	TYPICAL
GRC	GALVANIZED RIGID CONDUIT	UG	UNDERGROUND
HP	HORSE POWER	UPS	UNINTERRUPTED POWER SUPPLY
HZ	HERTZ	V	VOLT (KV-KILOVOLT)
IFC	INTERNATIONAL FIRE CODE	V/A/R	VOLT-AMPS/REACTIVE
IG	ISOLATED GROUND	VM	VOLT METER
IMC	INTERMEDIATE METALLIC CONDUIT	W	WATTS
IN	INCH	W/	WITH
J-BOX	JUNCTION BOX	WH	WATTHOUR METER
KV	KILOVOLT	W/O	WITHOUT
KVA	KILOVOLT AMPERES	WP	WEATHERPROOF
KVAR	KILOVAR	XFMR	TRANSFORMER
KW	KILOWATT	XFMR SW	TRANSFER SWITCH
LRA	LOCKED ROTOR AMPS	XP	EXPLOSION PROOF
LTG	LIGHTING	1P	SINGLE-PHASE
MNF	MANUFACTURER	2P	TWO-POLE
MAX	MAXIMUM	3P	THREE-POLE
MB	MAIN BUS	4P	FOUR-POLE
MCC	MOTOR CONTROL CENTER	Ø	PHASE
MCM	1000 CIRCULAR MILLS		

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Project For

The
Jordan
School District
Board of
Education

South Jordan
Middle School
Parking Lot Addition
10245 South 2700 West
South Jordan, Utah

Project Phase
Bid Documents

Revision Schedule

No.	Description	Date

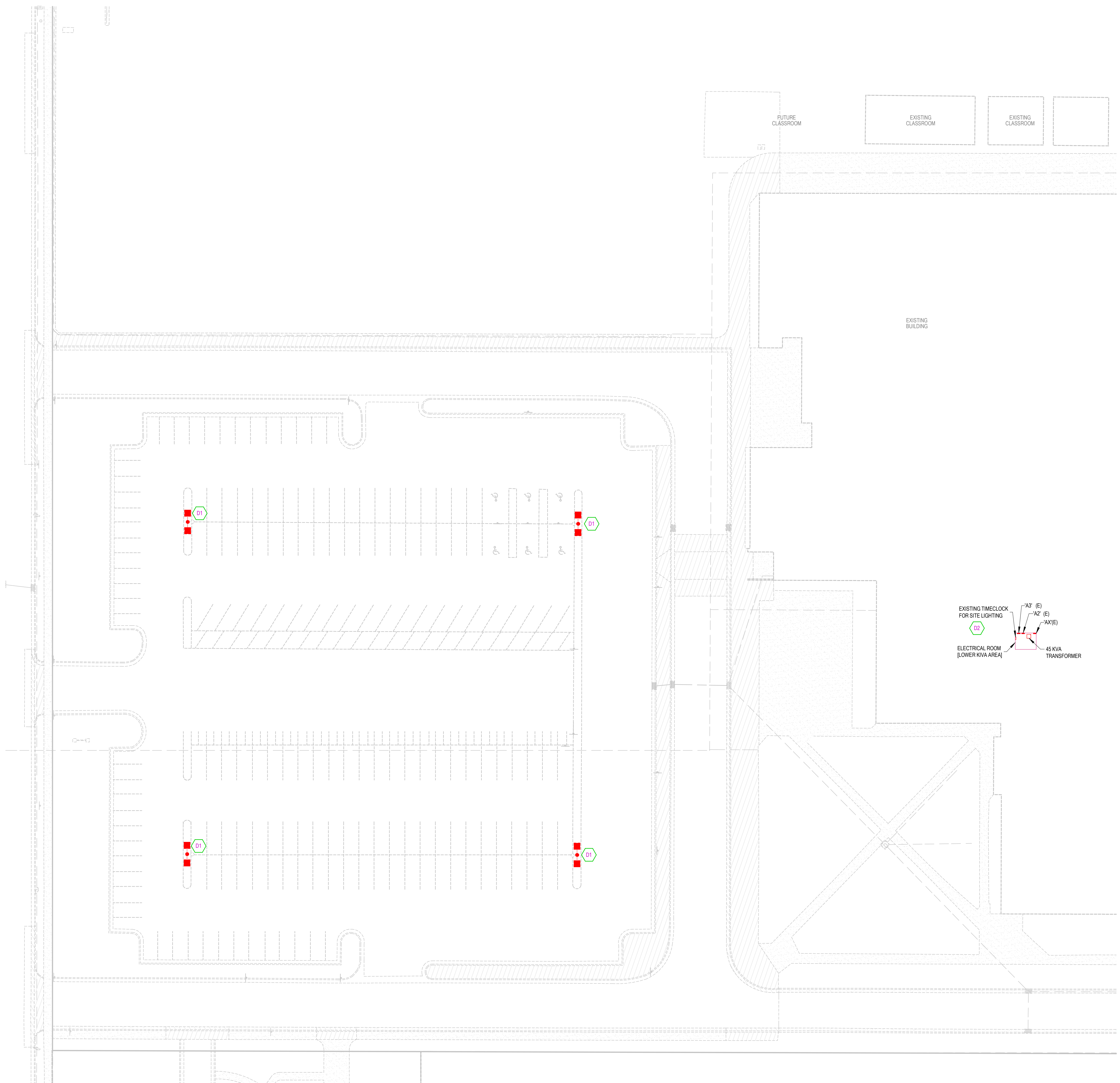
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Sheet Title
SYMBOLS, SCHEDULES,
AND NOTES

Sheet Number

E-001



GENERAL DEMOLITION SITE NOTES

- DIVISION 26 SHALL VISIT THE SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. BIDDERS SHALL EXAMINE THE SITE AND THE COMPLETE SET OF PLANS AND SPECIFICATIONS COVERING THE ENTIRE PROJECT. THEY SHALL BECOME FULLY CONVERSANT WITH THE TYPE OF GENERAL CONSTRUCTIONS AS WELL AS ALL PERTINENT FACTS AFFECTING THE COST OF CARRYING OUT THE WORK THEY WILL CONTRACT TO PERFORM. DIVISION 26 SHALL COORDINATE PROJECT PHASING WITH THE GENERAL CONTRACTOR AND BID AND PERFORM RESPONSIBILITIES FOR THIS PROJECT TO CONTRACT EXPECTATIONS.
- DIVISION 26 SHALL CONFIRM EXACT LOCATION OF EXISTING AND NEW EQUIPMENT WITH OWNERS. ROUGH-IN LOCATIONS ARE DIAGRAMMATICALLY SHOWN ON THE DRAWINGS. EXISTING ELECTRICAL FIXTURES, DEVICES, EQUIPMENT, CIRCUITING AND/OR CONDITIONS ARE NOT SPECIFIED UNLESS NOTED ON DRAWINGS. FINAL ROUTING OF THE CONDUITS, CIRCUITING, AND CABLING SHALL BE DETERMINED BY THE CONTRACTOR AND CLOSELY COORDINATED WITH OWNER. ALL EXISTING CONDITIONS MUST BE VERIFIED WITHOUT EXCEPTION.
- DIVISION 26 SHALL BLUE STAKE THE AREA OF NEW CONSTRUCTION PRIOR TO EXCAVATION FOR FOOTINGS, ETC. IDENTIFY BURIED ELECTRICAL SYSTEMS (UTILITIES, POWER, COMMUNICATIONS, ETC.) AND COORDINATE LOCATIONS WITH THE GENERAL CONTRACTOR. IF EXISTING ELECTRICAL SYSTEMS ARE DISTURBED (POWER, AUXILIARY, ETC.) E.C. SHALL MAKE NECESSARY REPAIRS (AS APPROVED BY DISTRICT REPRESENTATIVE) AS PART OF THIS CONTRACT.
- CONTRACTOR TO CLOSELY COORDINATE ALL NEW AND EXISTING DEVICE LOCATIONS WITH CIVIL DRAWINGS. CONTRACTOR TO VERIFY ALL FINAL GRADE REQUIREMENTS WITH CIVIL DRAWINGS.
- DURING DEMOLITION AND NEW CONSTRUCTION, THE CONTINUATION OF BUILDING SYSTEMS MAY BE NECESSARY. TRACE AND IDENTIFY EXISTING ELECTRICAL SYSTEM (POWER, LIGHTING, FIRE ALARM AND SECURITY) WIRING IN AREAS PRIOR TO DEMOLITION. ELECTRICAL CONTRACTOR SHALL DISCONNECT ALL NECESSARY EQUIPMENT TO MAKE IT SAFE FOR DEMOLITION. WHERE LIVE CIRCUITS OR FEEDERS PASS THROUGH A REMODEL AREA, CONTRACTOR SHALL MAINTAIN ELECTRIC CONTINUITY TO AND PROTECT BRANCH CIRCUITS AND/OR FEEDERS PASSING THROUGH. WHERE FEEDERS AND/OR BRANCH CIRCUITS FEED BOTH LOADS IN A REMODELED AREA AND OUTSIDE OF A REMODELED AREA, CONTRACTOR SHALL DISCONNECT AND REMOVE PORTIONS OF THE ELECTRICAL BRANCH CIRCUITS AND/OR FEEDERS WITHIN THE REMODELED AREA AND REWORK BRANCH CIRCUITS AND/OR FEEDERS TO MAINTAIN ELECTRICAL CONTINUITY TO LOADS OUTSIDE OF THE REMODELED AREA.
- DEVICES & EQUIPMENT TO BE DEMOLISHED SHALL BE REMOVED, INCLUDING ALL RELATED CONDUCTORS, RACEWAY, JUNCTION & SPLICE BOXES UP TO THE PANELBOARD/SWITCHBOARD. ALL CONDUITS AND BOXES THAT ARE SURFACE MOUNTED AND NO LONGER REQUIRE ACTIVE CIRCUITS SHALL BE COMPLETELY REMOVED. DEVICES TO BE REMOVED ON DRY WALL OR PLASTER TYPE WALLS THAT ARE TO REMAIN SHALL HAVE THE WALL SURFACE PATCHED TO MATCH THE EXISTING FINISH. THE CONTRACTOR SHALL IDENTIFY ALL DEMOLISHED AND ABANDONED BRANCH CIRCUITS. THESE SHALL BE NOTED AS SPARE ON PANELBOARD SCHEDULES. THIS INCLUDES IDENTIFYING EXISTING ABANDONED AND SPARE CIRCUITS THAT ARE CURRENTLY IDENTIFIED AS USED. THE CONTRACTOR SHALL FURNISH NEW TYPED DIRECTORIES FOR ALL PANELBOARDS.
- THE OWNER HAS THE RIGHT TO RETAIN ALL SALVAGEABLE MATERIAL ANY MATERIAL THE OWNER CHOOSES NOT TO ACCEPT SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
- CLOSELY COORDINATE ANY REQUIRED POWER SHUTDOWNS WITH GENERAL, HEAD CUSTODIAN, AND OWNER.
- TRENCHING AND BACKFILL: LOCATE AND PROTECT EXISTING UTILITIES AND OTHER UNDERGROUND WORK IN A MANNER WHICH WILL ENSURE THAT NO DAMAGE OR SERVICE INTERRUPTIONS WILL RESULT FROM EXCAVATING AND BACKFILLING. PERFORM EXCAVATION IN A MANNER WHICH PROTECTS WALLS, FOOTINGS AND OTHER STRUCTURAL MEMBERS FROM BEING DISTURBED OR DAMAGED IN ANY WAY. BURIAL DEPTHS MUST COMPLY WITH NEC SECTION 300-5 (OR STATE OF UTAH REQUIREMENTS, WHICHEVER IS MORE STRINGENT), UNLESS NOTED OTHERWISE. PATCH AND REPAIR ROADS, PARKING AREAS, SIDEWALKS, CURBS, OTHER PAVED AREAS, PLANTING AND ANY OTHER DISTURBED AREAS CAUSED BY THE ELECTRICAL CONTRACTOR DURING CONSTRUCTION.
- BORING, TRENCHING, ASPHALT CUTTING AND PATCH WORK BY DIVISION 26. ANY CONCRETE THAT NEEDS TO BE REMOVED TO COMPLETE WORK WILL BE THE RESPONSIBILITY OF DIVISION 26. SCHEDULING OF THE TRENCHING SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY THE OWNER.

SHEET KEYNOTES

D1	EXISTING LIGHT POLE LOCATION. REMOVE POLE, LIGHT FIXTURE, CONCRETE BASE, AND WIRING BACK TO PANELBOARD AS COMPLETELY. SALVAGE EXISTING LED LIGHT FIXTURE HEAD AND RETURN TO OWNER.
D2	REMOVE TIMECLOCK ASSOCIATED WITH THE PARKING LOT LIGHTING. MAINTAIN THE EXISTING TIMECLOCK ASSOCIATED WITH THE BUILDING LIGHTS.

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Sheet Title
**ELECTRICAL
DEMOLITION SITE PLAN**

Sheet Number

E-100

