

FORT UTAH PARK - PROVO UTAH

CONSTRUCTION DOCUMENT - BID SET

July 14, 2026

Prepared for:



Provo City
1417 S 350 E
Provo, UT 84606

P: (801)852.6643
Contact: John Bunderson



Vicinity Map



Project Area

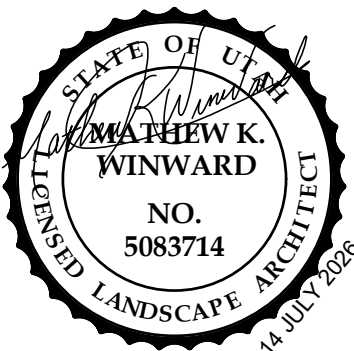
DESIGN TEAM

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Provo, UT 84606
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Contact: John Bunderson

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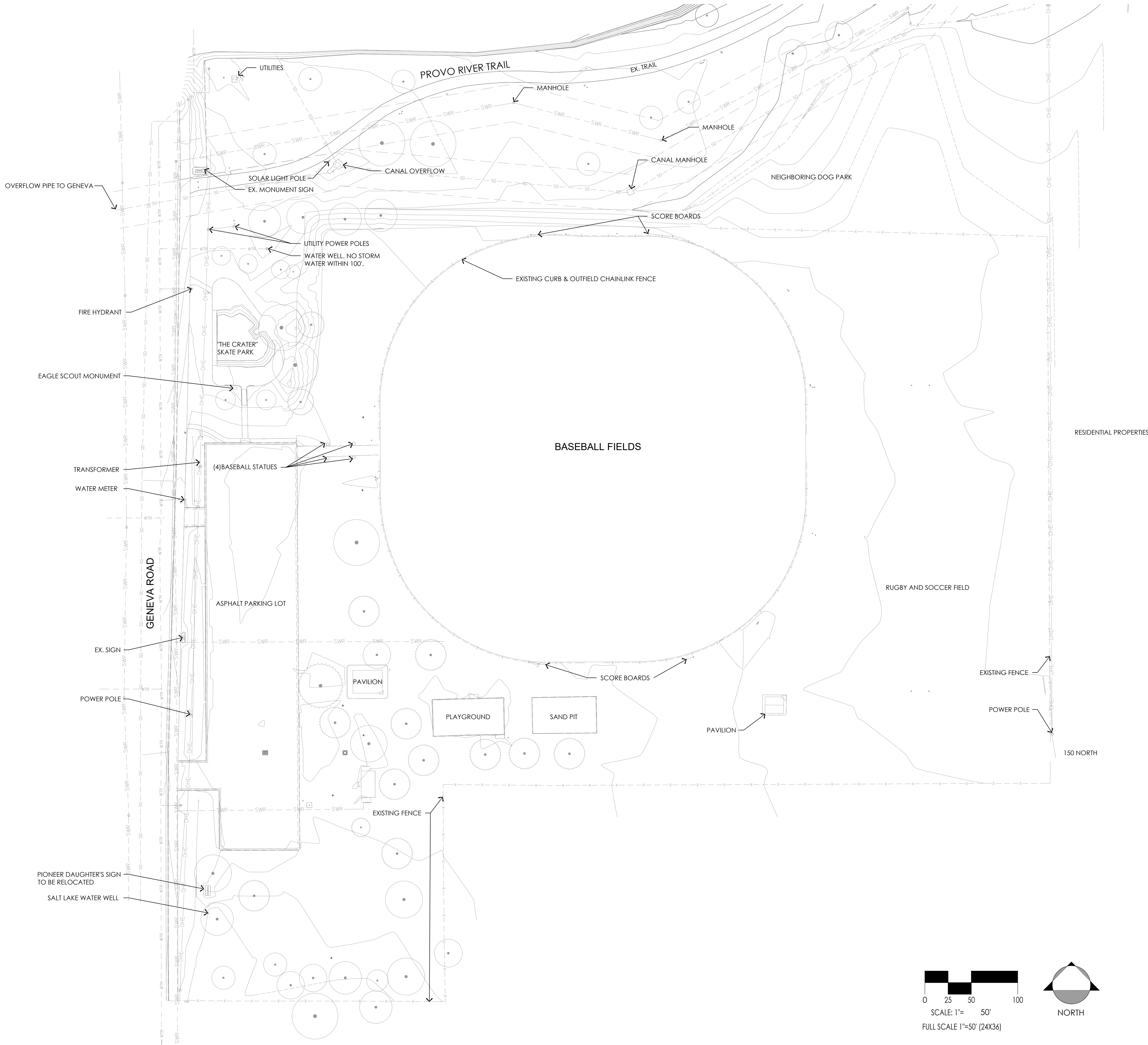
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G.BROWN:DESIGN INC
SITE AND LANDSCAPE ARCHITECTS

678 East Vine Street, Ste 10
Murray, Utah 84107
801.575.6066
www.gbrowndesign.com



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■ CONSULTANTS:

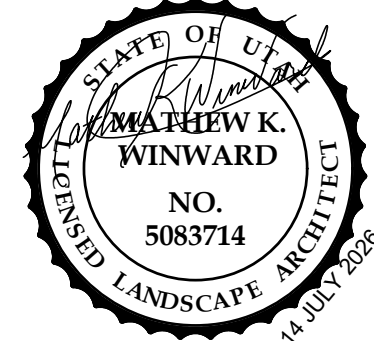
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:

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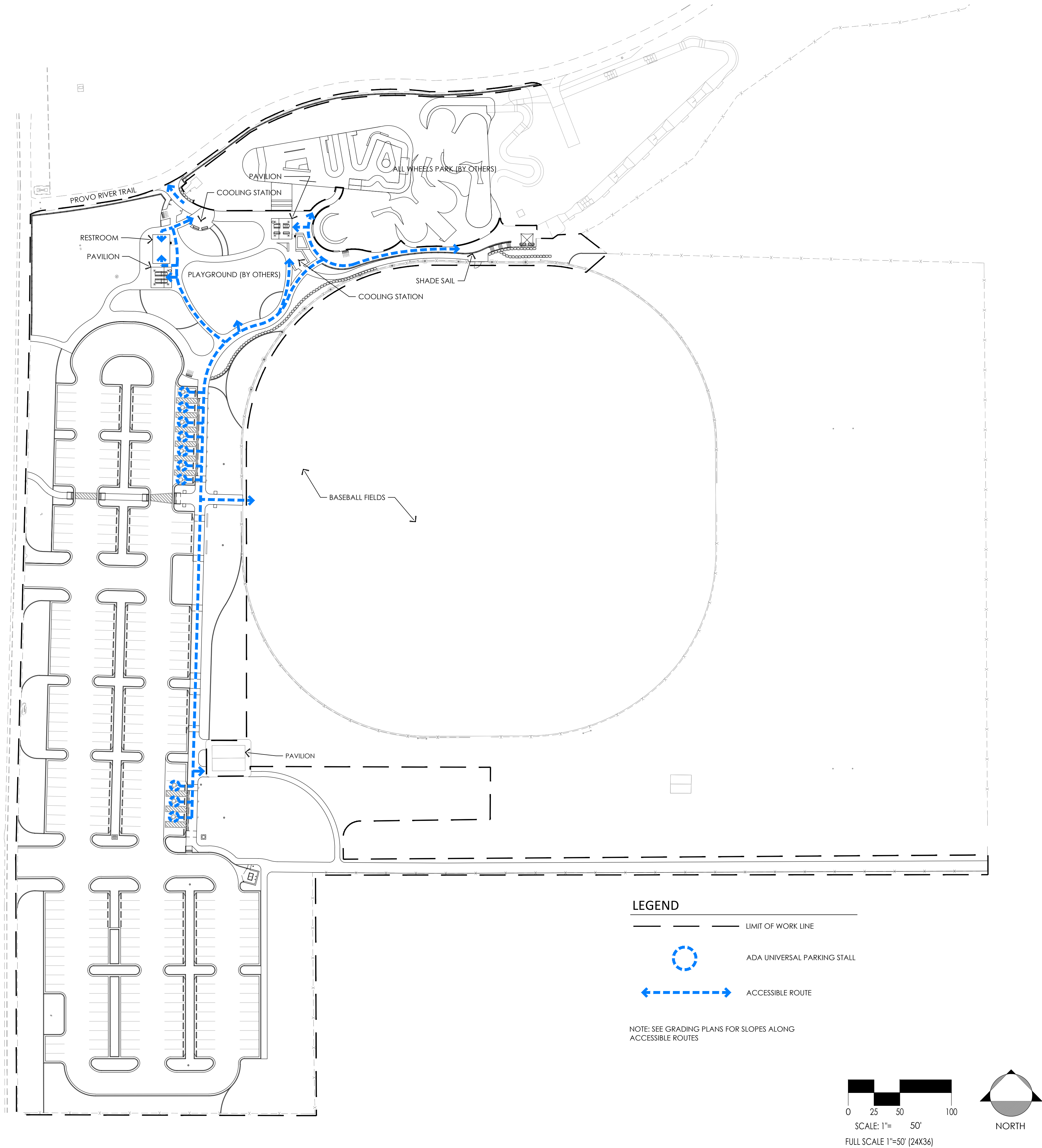
EXISTING SURVEY

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

■ SHEET NO:

EX-001

G:\U24-028_Ft Utah Park\CD\General_Provo Fort Utah Park_recover.dwg (June 2024-03-15)



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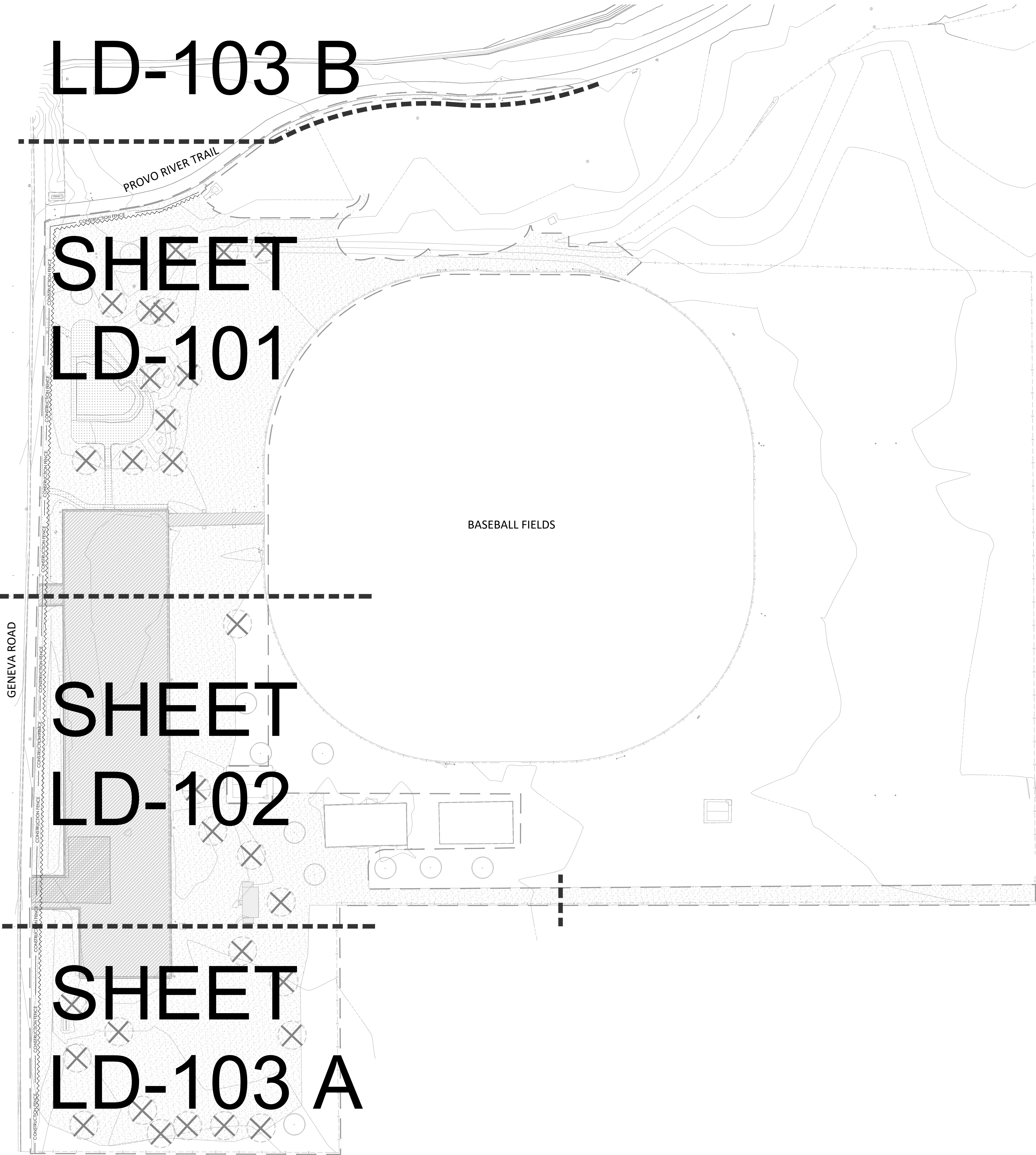
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■ SHEET TITLE:
ACCESSIBLE ROUTES
PLAN

■ DATE: 5-29-2026
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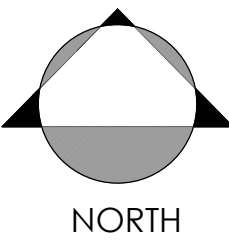
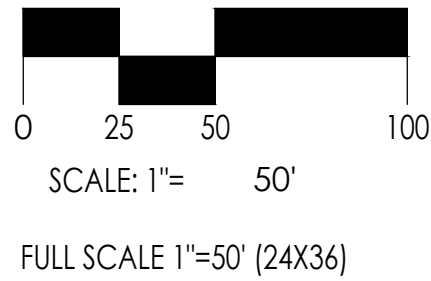
GENERAL SITE PREP & DEMOLITION NOTES

1. LANDSCAPE ARCHITECT SHALL BE CONSULTED BEFORE ANY WORK SHALL COMMENCE.
2. CONTRACTOR SHALL VERIFY ALL CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE LANDSCAPE ARCHITECT.
3. CONTRACTOR SHALL SECURE ALL PERMITS REQUIRED FOR THE WORK FROM ANY CITY DEPARTMENTS, UTILITY COMPANIES OR OTHER JURISDICTIONS AFFECTED BY WORK. CONTRACTOR TO COORDINATE AS REQUIRED FOR CITY TO PAY ANY ASSOCIATED PERMIT FEES. CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF ANY PERMITS OBTAINED BY OWNER (OBTAIN COPIES FROM OWNER PRIOR TO BEGINNING WORK).
4. PRIOR TO COMMENCING ANY EXCAVATION WORK, THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN ACCORDANCE WITH THE NOTIFICATION PROCEDURES PROMOTED BY RESPECTIVE UTILITY COMPANIES. THE 'BLUE STAKES' TELEPHONE NUMBER IS 1-800-662-4111 (811).
5. EXCAVATION REQUIRED WITHIN PROXIMITY OF EXISTING UTILITY LINES SHALL BE DONE BY HAND. CONTRACTOR SHALL REPAIR ANY DAMAGE TO EXISTING UTILITY LINES OR STRUCTURES INCURRED DURING CONSTRUCTION OPERATIONS AT NO COST TO OWNER.
6. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE OUTSIDE THE LIMIT OF WORK DUE TO HIS CONTRACT OPERATIONS AND SHALL REPAIR DAMAGED AREAS TO PRECONSTRUCTION CONDITIONS AT NO EXPENSE TO THE OWNER.
7. ALL REFUSE, DEBRIS AND MISCELLANEOUS ITEMS TO BE REMOVED SHALL BE LEGALLY DISPOSED OF OFF-SITE BY CONTRACTOR. CONTRACTOR SHALL VIDEO OR TAKE PHOTOS OF SITE PRIOR TO CONSTRUCTION TO VERIFY RESPONSIBILITY OF ILLICIT FILL.
8. ALL ITEMS REQUIRING REMOVAL SHALL BE REMOVED TO FULL DEPTH TO INCLUDE BASE MATERIAL AND FOOTINGS OR FOUNDATIONS AS APPLICABLE, AND LEGALLY DISPOSED OF OFF-SITE BY CONTRACTOR.
9. ALL EXISTING TREES AND VEGETATION TO REMAIN SHALL BE PROPERLY PROTECTED DURING CONSTRUCTION, AS SPECIFIED AND DIRECTED BY THE LANDSCAPE ARCHITECT. TREE PROTECTION IN ADDITION TO WHAT IS SHOWN ON THE PLAN MAY BE REQUIRED.
10. ANY TREE AND SHRUB REMOVAL SHALL INCLUDE THE FILLING, CUTTING, GRUBBING OF ENTIRE ROOT BALLS AND LEGAL OFF-SITE DISPOSAL OF ALL TREES, SHRUBS, STUMPS, VEGETATIVE AND EXTRANEIOUS DEBRIS PRODUCED BY THE REMOVAL OPERATIONS.
11. ALL UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY CONTRACTOR UNLESS OTHERWISE NOTED.
12. WE DO NOT BELIEVE THERE IS USEABLE QUALITY TOPSOIL ON SITE. STRIPPING IS ONLY REQUIRED AS NEEDED FOR APPROPRIATE PREPARATION OF SUBGRADES AND BASE FOR PAVING, WALKWAYS, STRUCTURES, ETC, THAT WOULD REQUIRE REMOVAL OF TOPSOIL/ORGANICS.
13. TREE PROTECTION NOT SHOWN ON PLANS. CONTRACTOR TO PROTECT EXISTING TREES WITHIN 20' OF IMPROVEMENT AREA. SEE TREE PROTECTION DETAIL (THIS SHEET).
14. CONTRACTOR TO LOCATE AND DISCONNECT EXISTING ELECTRICAL FEED SERVING THE LIGHT POLES. CAP AND SECURE CONDUCTORS IN THE NEAREST ACCESSIBLE ENCLOSURE AND ABANDON THE EXISTING UNDERGROUND WIRING IN PLACE. ENSURE ALL CONDUCTORS ARE DE-ENERGIZED AND MADE SAFE IN ACCORDANCE WITH LOCAL CODES.

EROSION CONTROL NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN STATE WATER QUALITY PERMITS AS REQUIRED PRIOR TO CONTRACTOR BEGINNING WORK INCLUDING BUT NOT LIMITED TO NOTICE OF INTENT (N.O.I.) AND STORM WATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR TO COORDINATE AS REQUIRED FOR CITY TO PAY ANY ASSOCIATED PERMIT FEES.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROL AS REQUIRED TO MEET STATE WATER QUALITY REQUIREMENTS. CONTRACTOR TO COORDINATE AS REQUIRED FOR CITY TO PAY ANY ASSOCIATED PERMIT FEES.
3. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES.
4. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE APPROVED STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DURING CONSTRUCTION OPERATIONS.
5. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED.
6. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) DAYS AND WITHIN 24 HOURS OF A RAINFALL EXCEEDING 0.5 INCHES DURING A 24-HOUR PERIOD OR MORE FREQUENTLY IF REQUIRED BY GOVERNING NPDES GENERAL PERMIT. ALL MAINTENANCE REQUIRED BY INSPECTION SHALL COMMENCE WITHIN 24 HOURS AND BE COMPLETED WITHIN 48 HOURS OF REPORT.
7. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
8. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
9. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON SITE INSPECTION.
10. IF INSTALLATION OF STORM DRAINAGE SYSTEM SHOULD BE INTERRUPTED BY WEATHER OR NIGHTFALL, THE PIPE ENDS SHALL BE COVERED WITH FILTER FABRIC.
11. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
12. SEDIMENT SHALL BE REMOVED FROM ANY SEDIMENT BASINS BEFORE IT IS 25% FULL AND FROM SILT FENCE BEFORE IT IS 33% FULL.

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■ PREPARED FOR:
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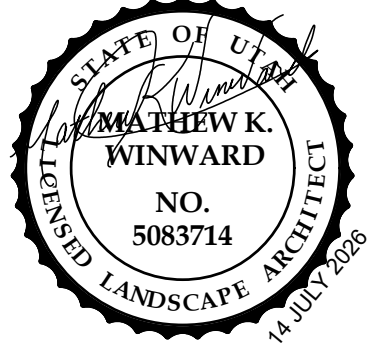
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■ SHEET TITLE:

OVERALL
DEMO PLAN

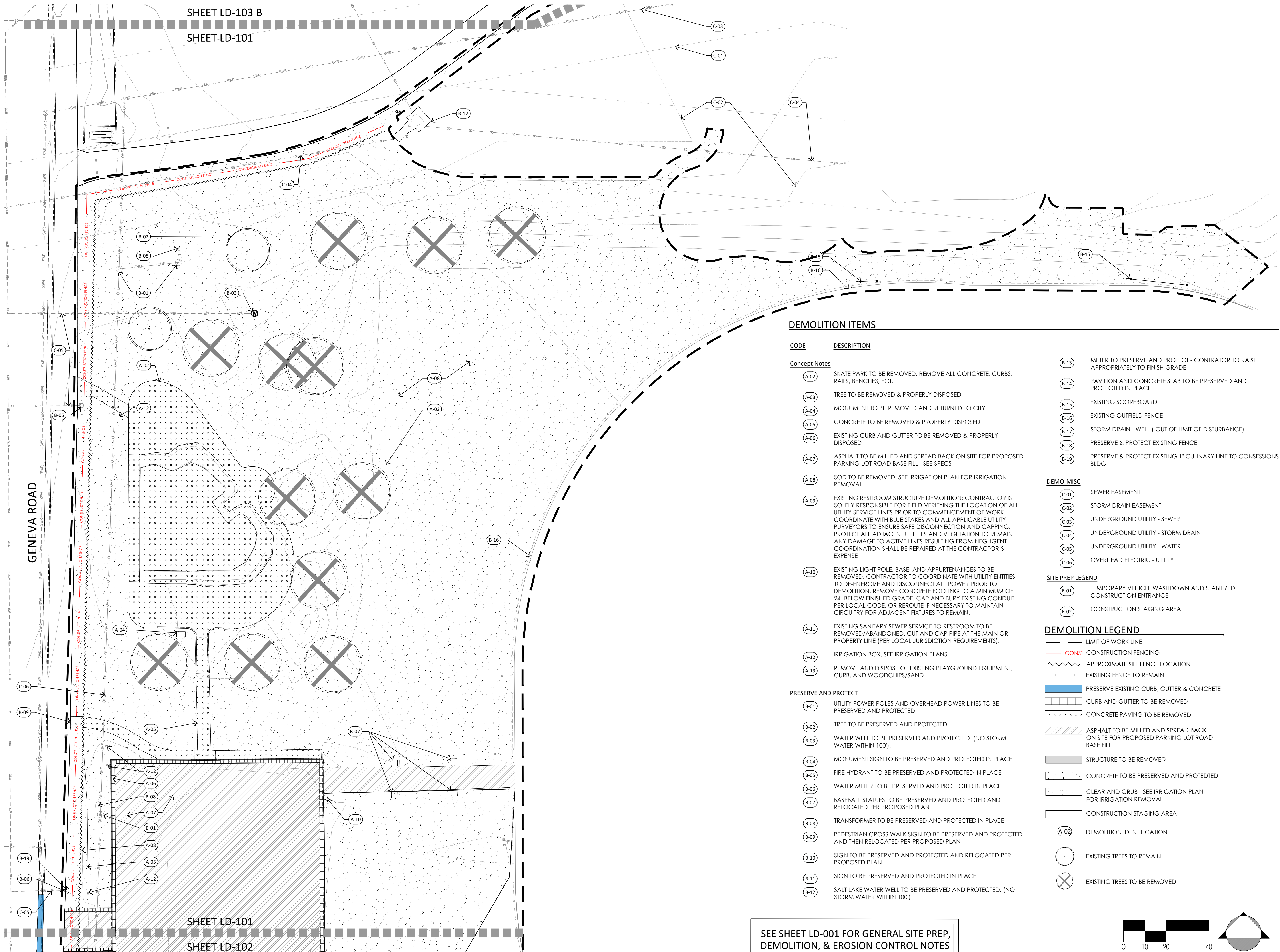
■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

■ SHEET NO:

LD-001

CONSTRUCTION DOCUMENT - BID SET

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DEMOLITION ITEMS

CODE DESCRIPTION

Concept Notes

- (A-02) SKATE PARK TO BE REMOVED. REMOVE ALL CONCRETE, CURBS, RAILS, BENCHES, ECT.
- (A-03) TREE TO BE REMOVED & PROPERLY DISPOSED
- (A-04) MONUMENT TO BE REMOVED AND RETURNED TO CITY
- (A-05) CONCRETE TO BE REMOVED & PROPERLY DISPOSED
- (A-06) EXISTING CURB AND GUTTER TO BE REMOVED & PROPERLY DISPOSED
- (A-07) ASPHALT TO BE MILLED AND SPREAD BACK ON SITE FOR PROPOSED PARKING LOT ROAD BASE FILL - SEE SPECS
- (A-08) SOD TO BE REMOVED. SEE IRRIGATION PLAN FOR IRRIGATION REMOVAL
- (A-09) EXISTING RESTROOM STRUCTURE DEMOLITION: CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD-VERIFYING THE LOCATION OF ALL UTILITY SERVICE LINES PRIOR TO COMMENCEMENT OF WORK. COORDINATE WITH BLUE STAKES AND ALL APPLICABLE UTILITY PURVEYORS TO ENSURE SAFE DISCONNECTION AND CAPPING. PROTECT ALL ADJACENT UTILITIES AND VEGETATION TO REMAIN. ANY DAMAGE TO ACTIVE LINES RESULTING FROM NEGLIGENT COORDINATION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE
- (A-10) EXISTING LIGHT POLE, BASE, AND APPURTENANCES TO BE REMOVED. CONTRACTOR TO COORDINATE WITH UTILITY ENTITIES TO DE-ENERGIZE AND DISCONNECT ALL POWER PRIOR TO DEMOLITION. REMOVE CONCRETE FOOTING TO A MINIMUM OF 24" BELOW FINISHED GRADE. CAP AND BURY EXISTING CONDUIT PER LOCAL CODE, OR REROUTE IF NECESSARY TO MAINTAIN CIRCUITRY FOR ADJACENT FIXTURES TO REMAIN.
- (A-11) EXISTING SANITARY SEWER SERVICE TO RESTROOM TO BE REMOVED/ABANDONED. CUT AND CAP PIPE AT THE MAIN OR PROPERTY LINE (PER LOCAL JURISDICTION REQUIREMENTS).
- (A-12) IRRIGATION BOX. SEE IRRIGATION PLANS
- (A-13) REMOVE AND DISPOSE OF EXISTING PLAYGROUND EQUIPMENT, CURB, AND WOODCHIPS/SAND

PRESERVE AND PROTECT

- (B-01) UTILITY POWER POLES AND OVERHEAD POWER LINES TO BE PRESERVED AND PROTECTED
- (B-02) TREE TO BE PRESERVED AND PROTECTED
- (B-03) WATER WELL TO BE PRESERVED AND PROTECTED. (NO STORM WATER WITHIN 100').
- (B-04) MONUMENT SIGN TO BE PRESERVED AND PROTECTED IN PLACE
- (B-05) FIRE HYDRANT TO BE PRESERVED AND PROTECTED IN PLACE
- (B-06) WATER METER TO BE PRESERVED AND PROTECTED IN PLACE
- (B-07) BASEBALL STATUES TO BE PRESERVED AND PROTECTED AND RELOCATED PER PROPOSED PLAN
- (B-08) TRANSFORMER TO BE PRESERVED AND PROTECTED IN PLACE
- (B-09) PEDESTRIAN CROSS WALK SIGN TO BE PRESERVED AND PROTECTED AND THEN RELOCATED PER PROPOSED PLAN
- (B-10) SIGN TO BE PRESERVED AND PROTECTED AND RELOCATED PER PROPOSED PLAN
- (B-11) SIGN TO BE PRESERVED AND PROTECTED IN PLACE
- (B-12) SALT LAKE WATER WELL TO BE PRESERVED AND PROTECTED. (NO STORM WATER WITHIN 100')

- (B-13) METER TO PRESERVE AND PROTECT - CONTRATOR TO RAISE APPROPRIATELY TO FINISH GRADE
- (B-14) PAVILION AND CONCRETE SLAB TO BE PRESERVED AND PROTECTED IN PLACE
- (B-15) EXISTING SCOREBOARD
- (B-16) EXISTING OUTFIELD FENCE
- (B-17) STORM DRAIN - WELL (OUT OF LIMIT OF DISTURBANCE)
- (B-18) PRESERVE & PROTECT EXISTING FENCE
- (B-19) PRESERVE & PROTECT EXISTING 1" CULINARY LINE TO CONSESSIONS BLDG

DEMO-MISC

- (C-01) SEWER EASEMENT
- (C-02) STORM DRAIN EASEMENT
- (C-03) UNDERGROUND UTILITY - SEWER
- (C-04) UNDERGROUND UTILITY - STORM DRAIN
- (C-05) UNDERGROUND UTILITY - WATER
- (C-06) OVERHEAD ELECTRIC - UTILITY

SITE PREP LEGEND

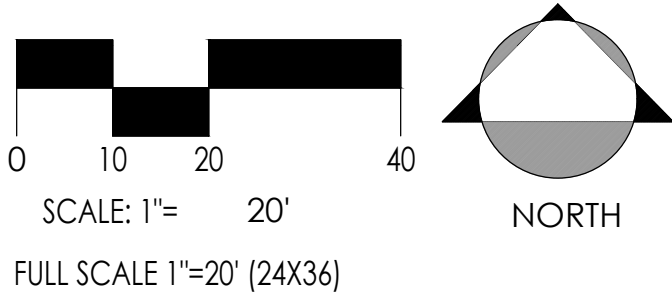
- (E-01) TEMPORARY VEHICLE WASHDOWN AND STABILIZED CONSTRUCTION ENTRANCE
- (E-02) CONSTRUCTION STAGING AREA

DEMOLITION LEGEND

- LIMIT OF WORK LINE
- CONSI CONSTRUCTION FENCING
- APPROXIMATE SILT FENCE LOCATION
- EXISTING FENCE TO REMAIN
- PRESERVE EXISTING CURB, GUTTER & CONCRETE
- CURB AND GUTTER TO BE REMOVED
- CONCRETE PAVING TO BE REMOVED
- ASPHALT TO BE MILLED AND SPREAD BACK ON SITE FOR PROPOSED PARKING LOT ROAD BASE FILL
- STRUCTURE TO BE REMOVED
- CONCRETE TO BE PRESERVED AND PROTECTED
- CLEAR AND GRUB - SEE IRRIGATION PLAN FOR IRRIGATION REMOVAL
- CONSTRUCTION STAGING AREA

- (A-02) DEMOLITION IDENTIFICATION
- EXISTING TREES TO REMAIN
- EXISTING TREES TO BE REMOVED

SEE SHEET LD-001 FOR GENERAL SITE PREP, DEMOLITION, & EROSION CONTROL NOTES



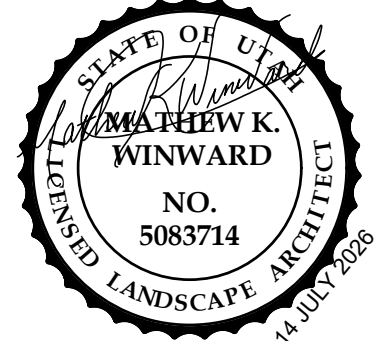
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200 N. GENEVA ROAD
PROVO, UT 84601

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SHEET TITLE:

DEMO PLAN

- DATE: 5-29-2026
- DRAWN BY: JLH
- CHECKED BY: MKW/JKW
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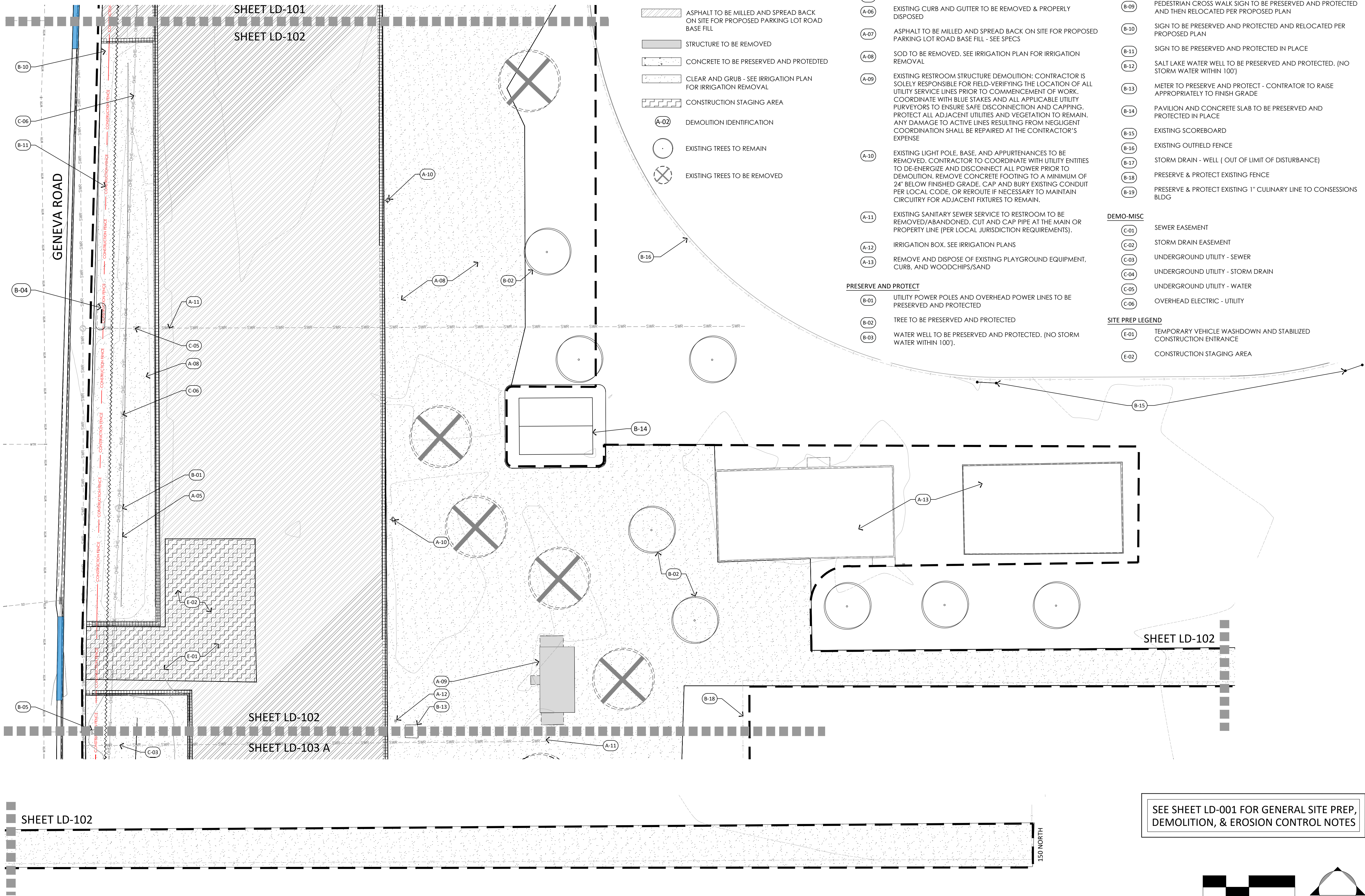
LD-101

CONSTRUCTION DOCUMENT - BID SET

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CONSULTANTS:

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DEMOLITION LEGEND

- LIMIT OF WORK LINE
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- CLEAR AND GRUB - SEE IRRIGATION PLAN FOR IRRIGATION REMOVAL
- CONSTRUCTION STAGING AREA
- (A-02) DEMOLITION IDENTIFICATION
- (X) EXISTING TREES TO REMAIN
- (X) EXISTING TREES TO BE REMOVED

DEMOLITION ITEMS

- | CODE | DESCRIPTION |
|--------|--|
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PRESERVE AND PROTECT

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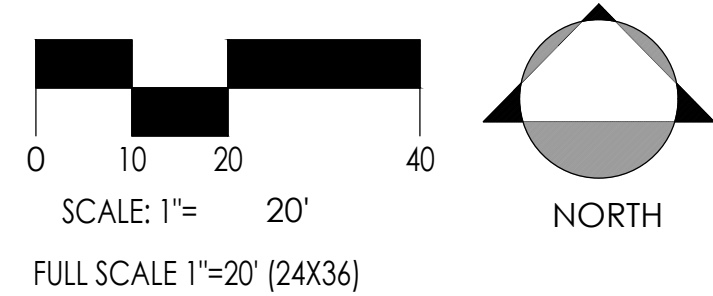
DEMO-MISC

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SITE PREP LEGEND

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| (E-01) | TEMPORARY VEHICLE WASHDOWN AND STABILIZED CONSTRUCTION ENTRANCE |
| (E-02) | CONSTRUCTION STAGING AREA |

SEE SHEET LD-001 FOR GENERAL SITE PREP, DEMOLITION, & EROSION CONTROL NOTES



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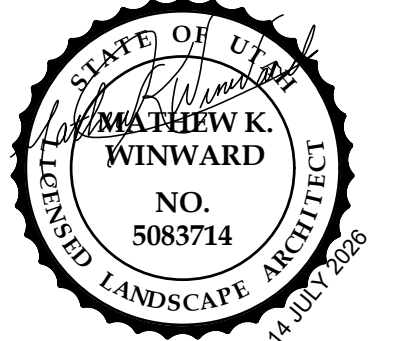
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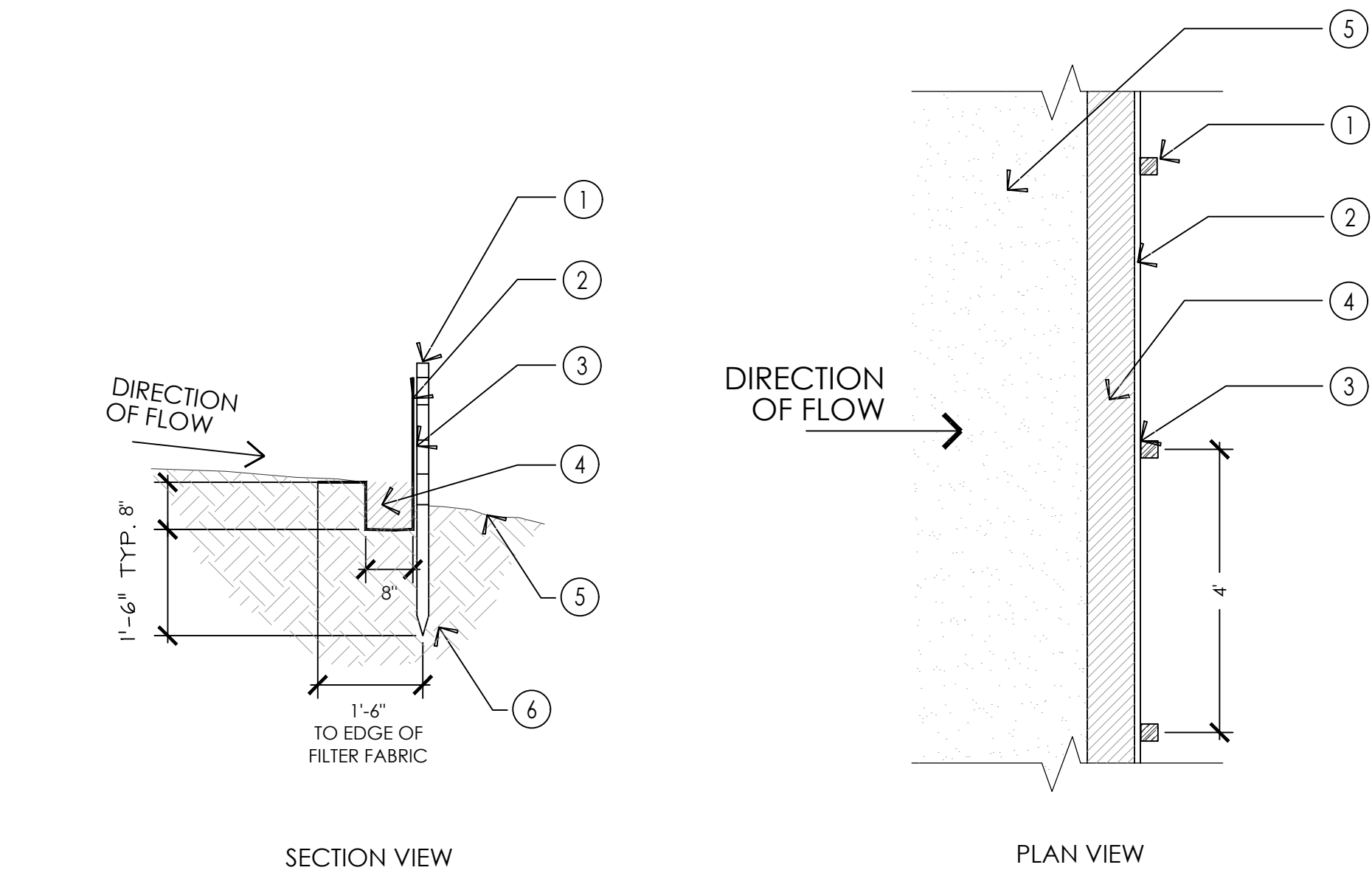
■ SHEET TITLE:
DEMO PLAN

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

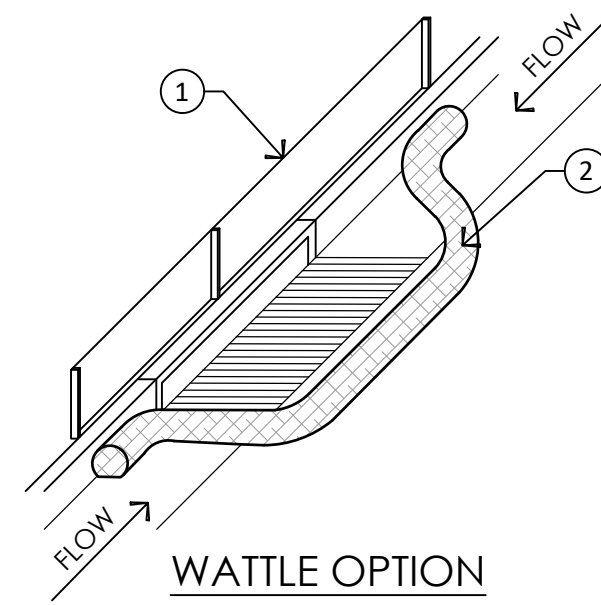
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LD-102

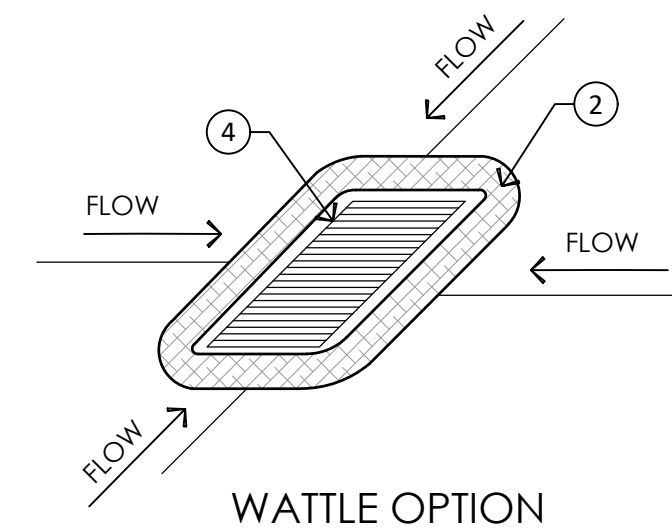
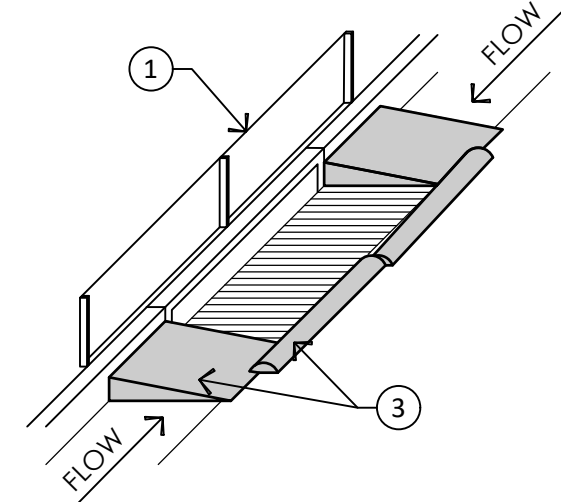
CONSTRUCTION DOCUMENT - BID SET



- 1 2"x2"x4" HARDWOOD FENCING STAKES AT 4'-0" O.C. INTERVALS
 - 2 FILTER FABRIC (SEE SPECS)
 - 3 SECURE FILTER FABRIC TO FENCING STAKES
 - 4 ALLOW 18" OVERLAP OF FILTER FABRIC AT BASE OF FENCE; COVER BOTTOM OVERLAP WITH COMPACTED SOIL
 - 5 EXISTING GRADE
 - 6 UNDISTURBED OR COMPACTED EXISTING SUBGRADE
- NOTE:
- FENCE SHALL PARALLEL CONTOURS
 - INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT WILL BE MADE PROMPTLY AS NEEDED THROUGHOUT DURATION OF CONTRACT.



- 1 SILT FENCE REQUIRED BEHIND CURB AT BOX UNTIL LAND BEHIND CURB IS STABILIZED
- 2 8" DIA. EARTH SAVER WEIGHTED WATTLE OR EQUAL
- 3 EARTH Saver SEDIMENT SAVER OR EQUAL FILLED WITH 1/2 CF 3/4" GRAVEL, ZIPPER SIDE FACING AWAY FROM INLET
- 4 FILTER FABRIC WRAPPED COMPLETELY AROUND GATE



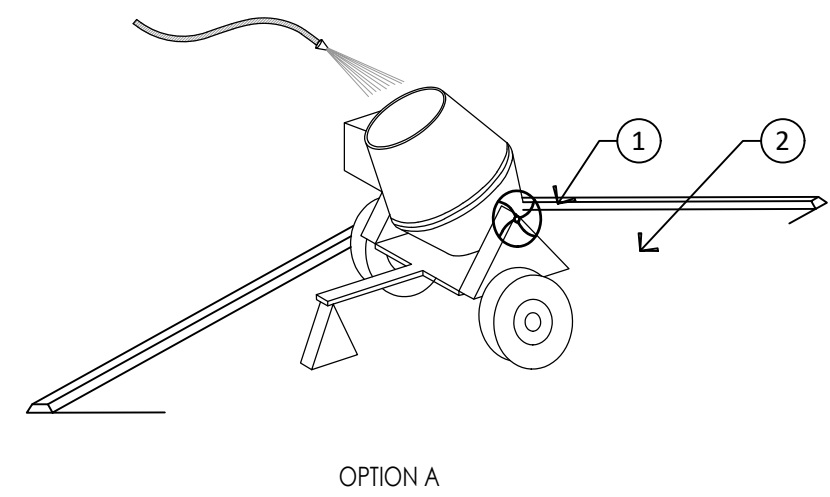
- NOTES:
1. PLACE WATTLES OR GRAVEL BAGS TIGHT AGAINST CURB TO PREVENT SEDIMENT-LADEN WATER FROM GETTING BETWEEN CURB AND WATTLE/BAG.
 2. PLACE WATTLES OR GRAVEL BAGS SUCH THAT FLOW DOES NOT OVERTOP CURB OR ROAD CENTERLINE.
 3. INSPECT INLET PROTECTION AFTER EVERY LARGE STORM EVENT AND AT LEAST BI-WEEKLY, OR PER SWPPP REQUIREMENTS, WHICHEVER IS MORE STRINGENT, TO ENSURE THAT SEDIMENT CONTROL IS MEETING ITS DESIGN INTENT, MAINTAIN AND/OR REPLACE AS NEEDED.
 4. REMOVE SEDIMENT ACCUMULATED WHEN IT REACHES 50% OF GRAVEL BAG OR WATTLE HEIGHT.
 5. CONTRACTOR MAY SUBMIT AN ALTERNATIVE METHOD OF INLET PROTECTION. THE ALTERNATIVE METHOD SHALL BE APPROVED BY THE CITY INSPECTOR AND THE ENGINEER OF RECORD.
 6. BEFORE PLACEMENT OF CURB, STABILIZATION OF LAND BEHIND CURB, AND/OR PAVING, MAINTAIN TOP OF INLET AT 6" ABOVE GRADE, AND SURROUND WITH SILT FENCE FOR SEDIMENTATION AROUND BOX. MAINTAIN SILT FENCE BEHIND BOX UNTIL LAND BEHIND CURB IS STABILIZED.

1 SILT FENCE

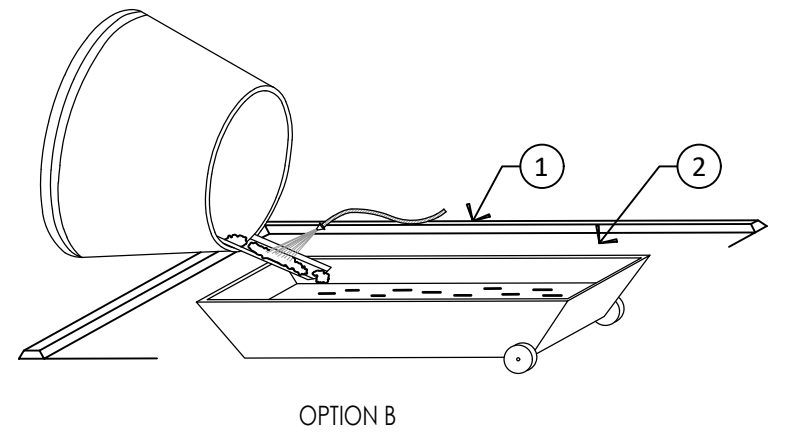
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2 SAG INLET PROTECTION

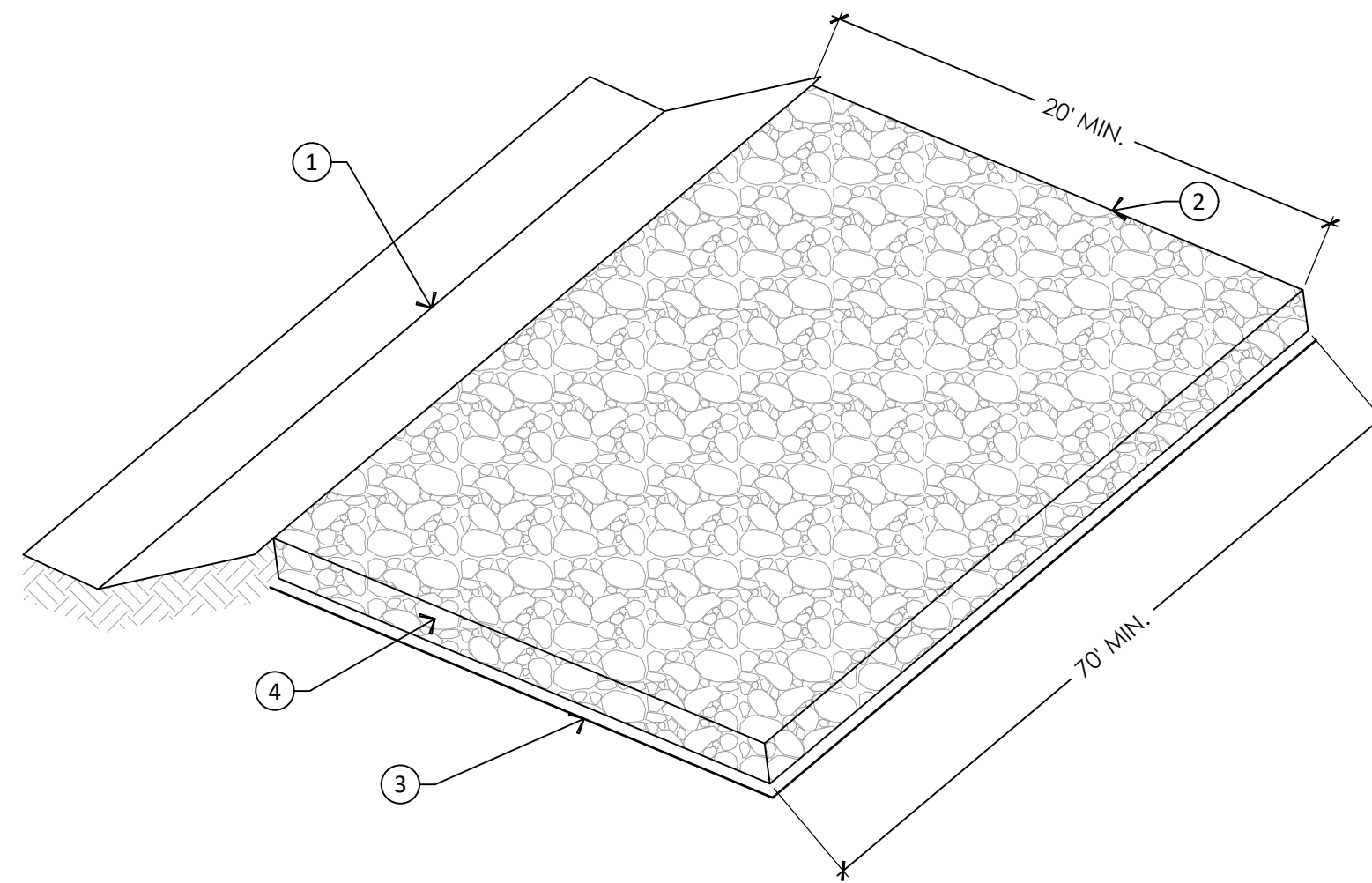
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- 1 CONTAINMENT EARTH BERM ALL AROUND
- 2 WASHDOWN AREA POND STORAGE WITH IMPERVIOUS LINER

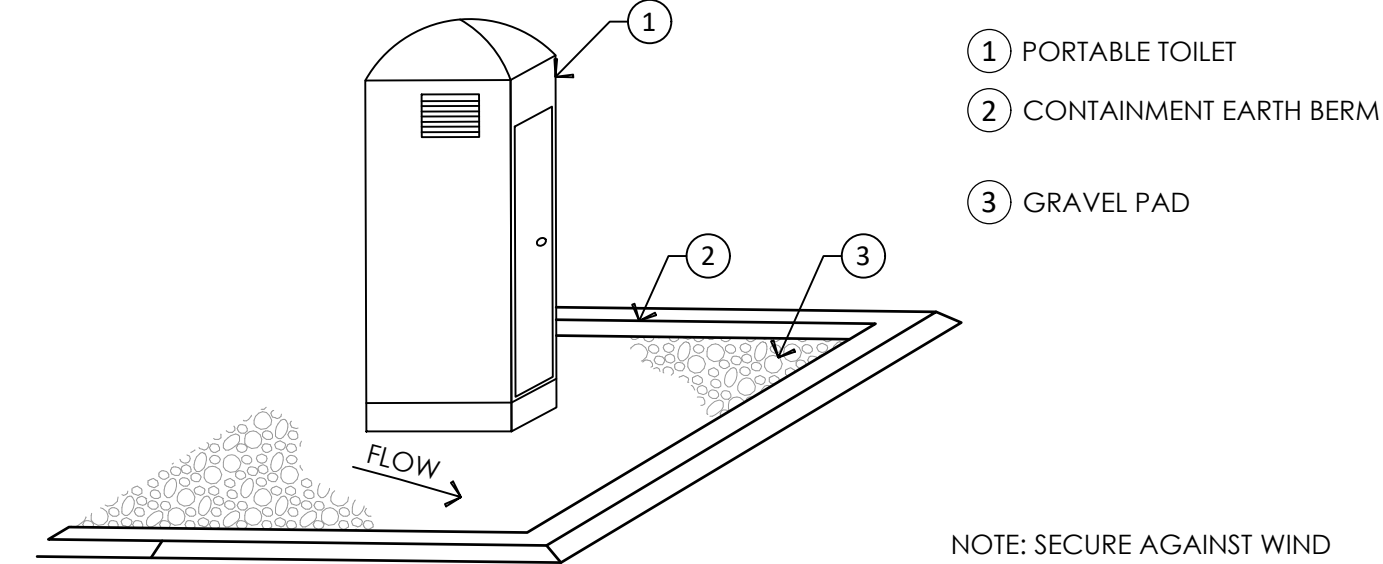


- NOTES:
1. ANY EXCESS WASH DOWN / CLEAN OUT WATER SHALL BE PROPERLY DISPOSED OF.



- 1 SWALE TO SEDIMENTATION BASIN
- 2 WASH DOWN PAD
- 3 FILTER FABRIC BELOW GRAVEL
- 4 3'-6" ROCK, 9" THICK WITH 1/2"-3/4" FILTER LAYER

- NOTE:
1. PLACE SIGN ADJACENT TO ENTRANCE "CONSTRUCTION TRAFFIC ONLY-ALL CONSTRUCTION TRAFFIC SHALL ENTER AND EXIT SITE AT THIS LOCATION".
 2. STABILIZED CONSTRUCTION ENTRANCE TO BE INSTALLED AT ENTRANCE ADJACENT TO PAVED ROAD.
 3. SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY.



- 1 PORTABLE TOILET
- 2 CONTAINMENT EARTH BERM
- 3 GRAVEL PAD

3 CONCRETE WASTE MANAGEMENT

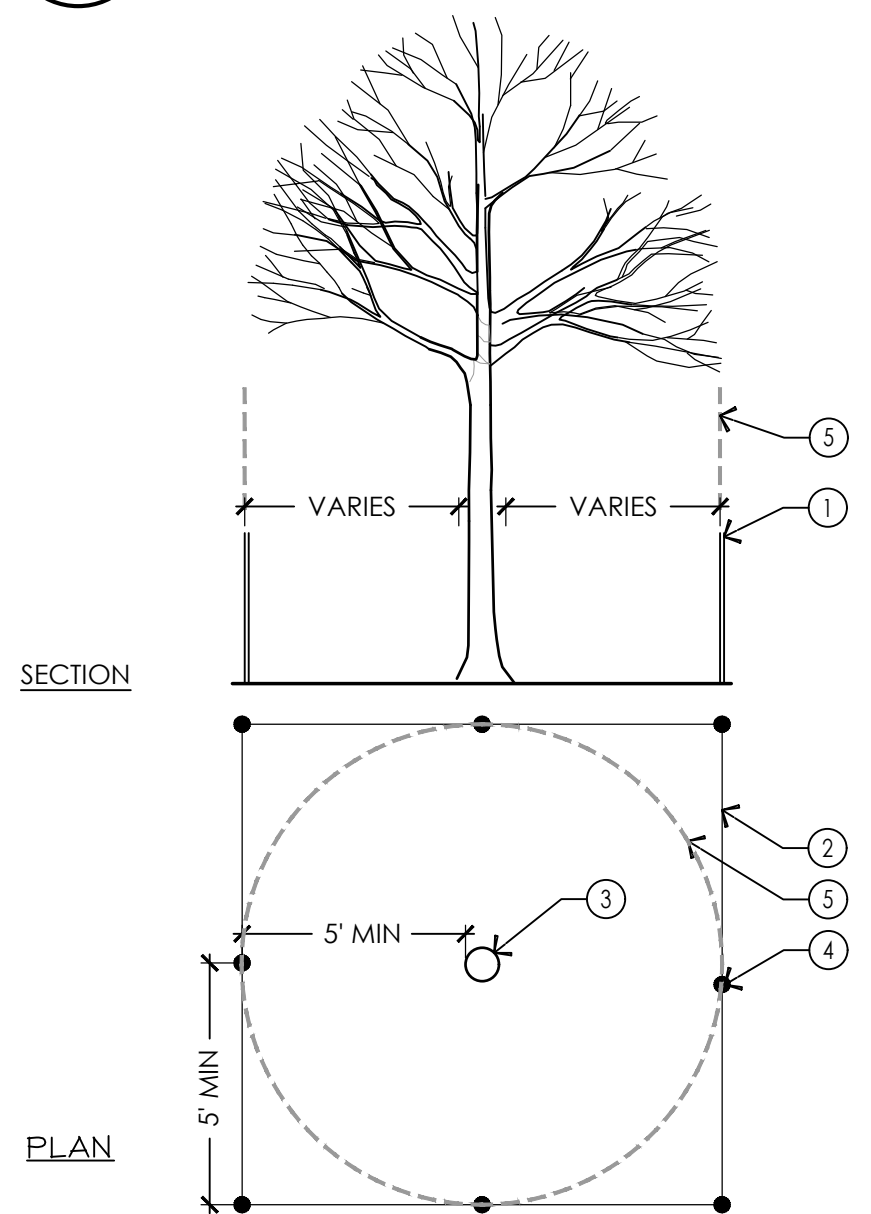
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4 TEMPORARY VEHICLE WASHDOWN & STABILIZED CONSTRUCTION ENTRANCE

NTS

5 PORTABLE TOILET

NTS



- 1 ORANGE CONSTRUCTION FENCE STAKED 5'-0" O.C. MAX. W/METAL T-POSTS.
- 2 TREE PROTECTION FENCE OUTSIDE OF DRIPLINE OF TREE AND SHALL BE A MINIMUM OF 5' AWAY FROM TRUNK. SEE SPECS.
- 3 TREE TRUNK
- 4 METAL T-POST 5' O.C.
- 5 DRIPLINE OF TREE CANOPY

- NOTES:
1. DO NOT STORE ANY MACHINERY OR MATERIALS WITHIN AREA OF THE FENCE.
 2. FOR EXISTING TREES DURING CONSTRUCTION.
 3. HAND EXCAVATE W/IN THIS ZONE. REMOVE ONLY UPON APPROVAL OF LANDSCAPE ARCHITECT.

TREE PROTECTION & PRESERVATION GUIDELINES

1. TREE PROTECTION PRACTICES WILL INCLUDE ESTABLISHING THE TREE PROTECTION ZONE (TPZ) PER DETAIL.
2. THERE WILL BE NO DIGGING, TRENCHING, GRADING, OR STORING OF MATERIALS OR EQUIPMENT IN THE TPZ.
3. NO EQUIPMENT (EXCEPT FOR A SOD CUTTER) SHALL BE ALLOWED INSIDE THE TPZ. IF SPECIAL PROVISION FOR EXCAVATION IS APPROVED BY OWNER, IT SHALL BE DONE BY HAND OR A SOIL VACUUM.
4. USE TUNNELING OR BORING FOR IRRIGATION AND UTILITIES. NO ROOTS LARGER THAN 4" IN DIAMETER WILL BE CUT. ALL ROOTS WILL BE CUT CLEANLY WITH A SAW. IN SITUATIONS WHERE A ROOT HAS BEEN DAMAGED, A CLEAN CUT SHALL BE MADE ON THE ROOT AT THE EDGE OF THE TRENCH CLOSEST TO THE TREE TRUNK.
5. TREES SHALL NOT BE USED TO SUPPORT ANY SCAFFOLDING, SIGNS, TEMPORARY UTILITY, OR ANY OTHER DEVICE. IF DAMAGE OCCURS TO A PROTECTED TREE, IMMEDIATE CONTACT SHALL BE MADE WITH THE OWNER.
6. DO NOT CHANGE THE SOIL GRADE BY CUTTING OR FILLING IN THE TPZ.
7. SEE SPECIFICATION SECTION 015600 - TREE & PLANT PROTECTION.
8. CONTRACTOR SHALL SUBMIT A SCHEDULE FOR REGULAR WATERING AND INDICATE THE INDIVIDUAL WHO IS RESPONSIBLE TO ENFORCE TREE PROTECTION REQUIREMENTS AS SET FORTH IN THE DRAWINGS, NOTES, DETAILS AND SPECS. TREE PROTECTION IN ADDITION TO WHAT IS SHOWN ON THE PLAN MAY BE REQUIRED.
9. CONTRACTOR IS RESPONSIBLE TO ENSURE TREES ARE PROPERLY PROTECTED AND MAINTAINED THROUGHOUT CONSTRUCTION. DAMAGED OR DEAD TREES WILL BE REPLACED IN KIND (SIZE, SPECIES, ETC) OR AS INDICATED IN THE SPECS.

6 TREE PROTECTION

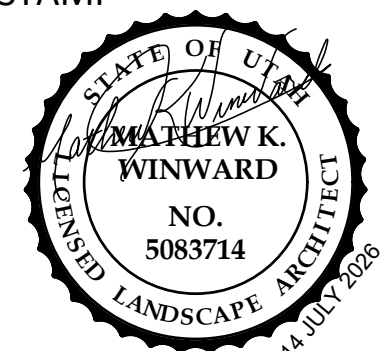
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PROVO FORT UTAH PARK
200 N. GENEVA ROAD
PROVO, UT 84601

REVISIONS:

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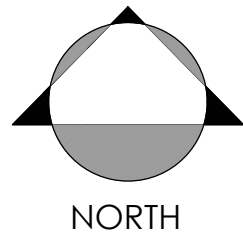
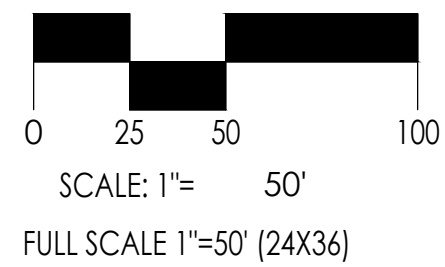
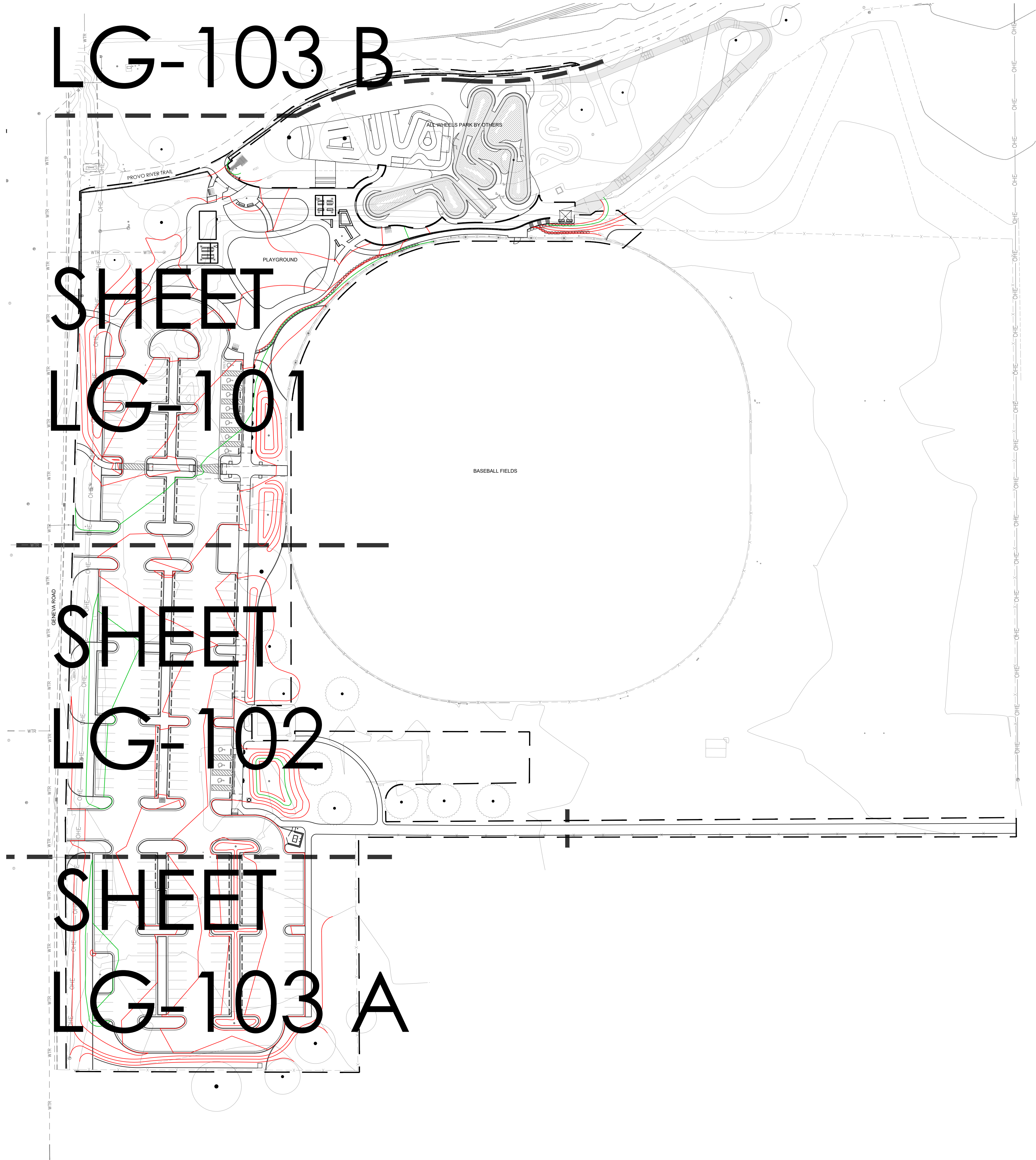


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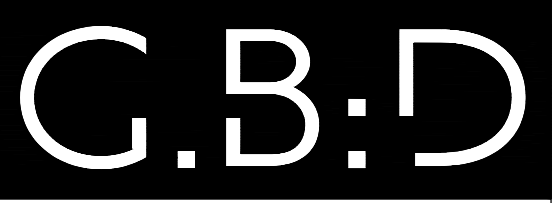
- DATE: 5-29-2026
- DRAWN BY: JLH
- CHECKED BY: MKW/JKW
- JOB NO.: U24-028

SHEET NO:

LD-501



CONSTRUCTION DOCUMENT - BID SET



G.BROWN:DESIGN INC
SITE AND LANDSCAPE ARCHITECTS
678 East Vine Street, Ste 10
Murray, Utah 84107
801.575.6066
www.gbrowndesign.com

■ PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

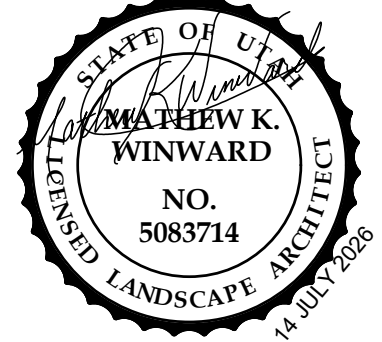
PROVO FORT UTAH PARK

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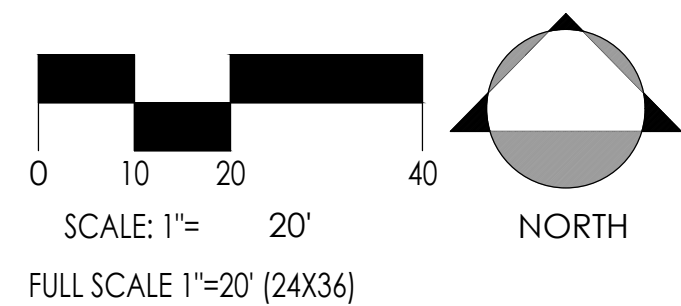
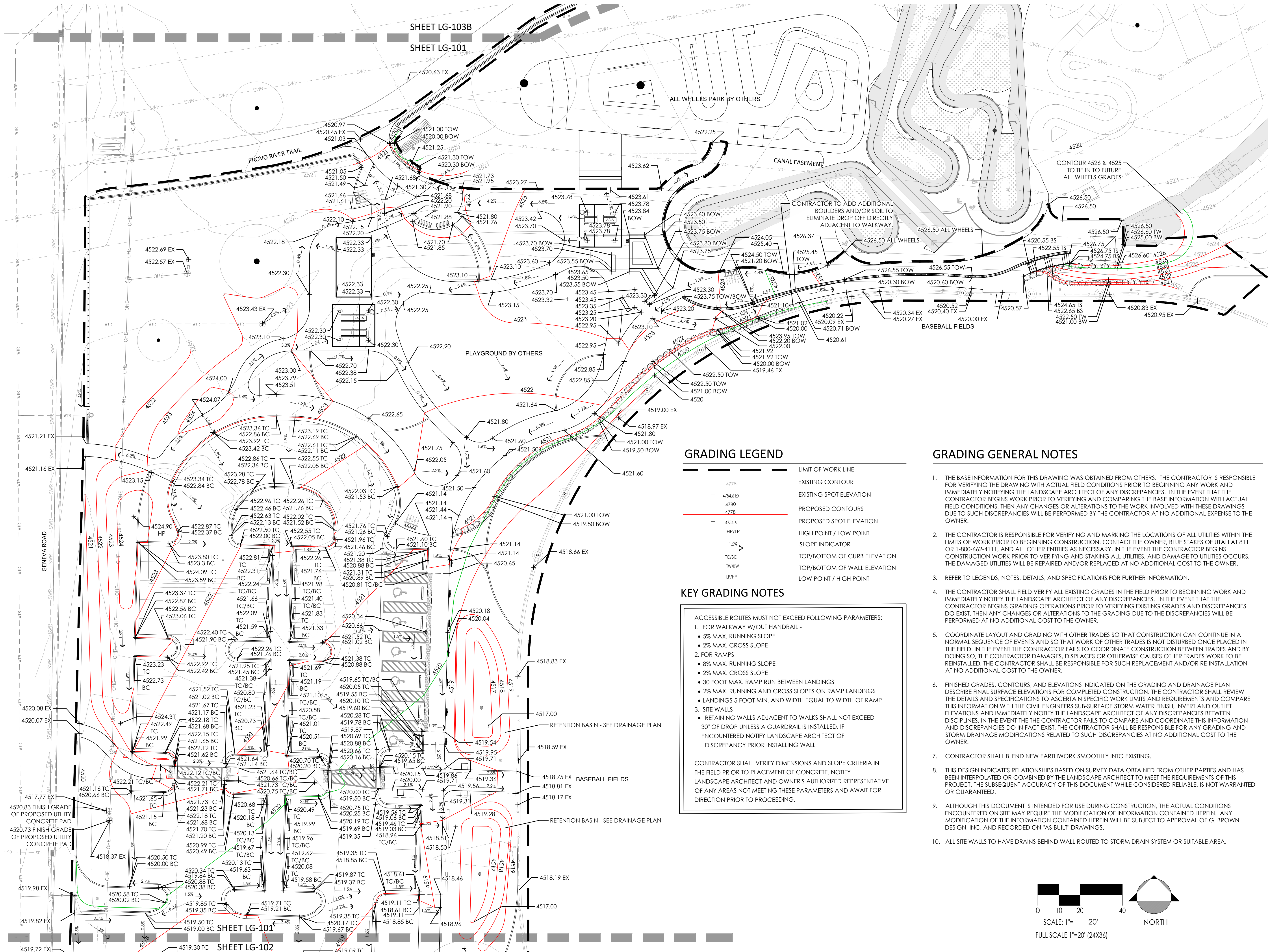


■ SHEET TITLE:
OVERALL
GRADING PLAN

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

■ SHEET NO:
LG-001

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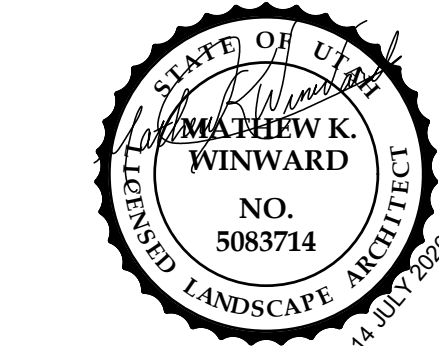
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PROVO, UT 84601

CONSULTANTS:

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PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

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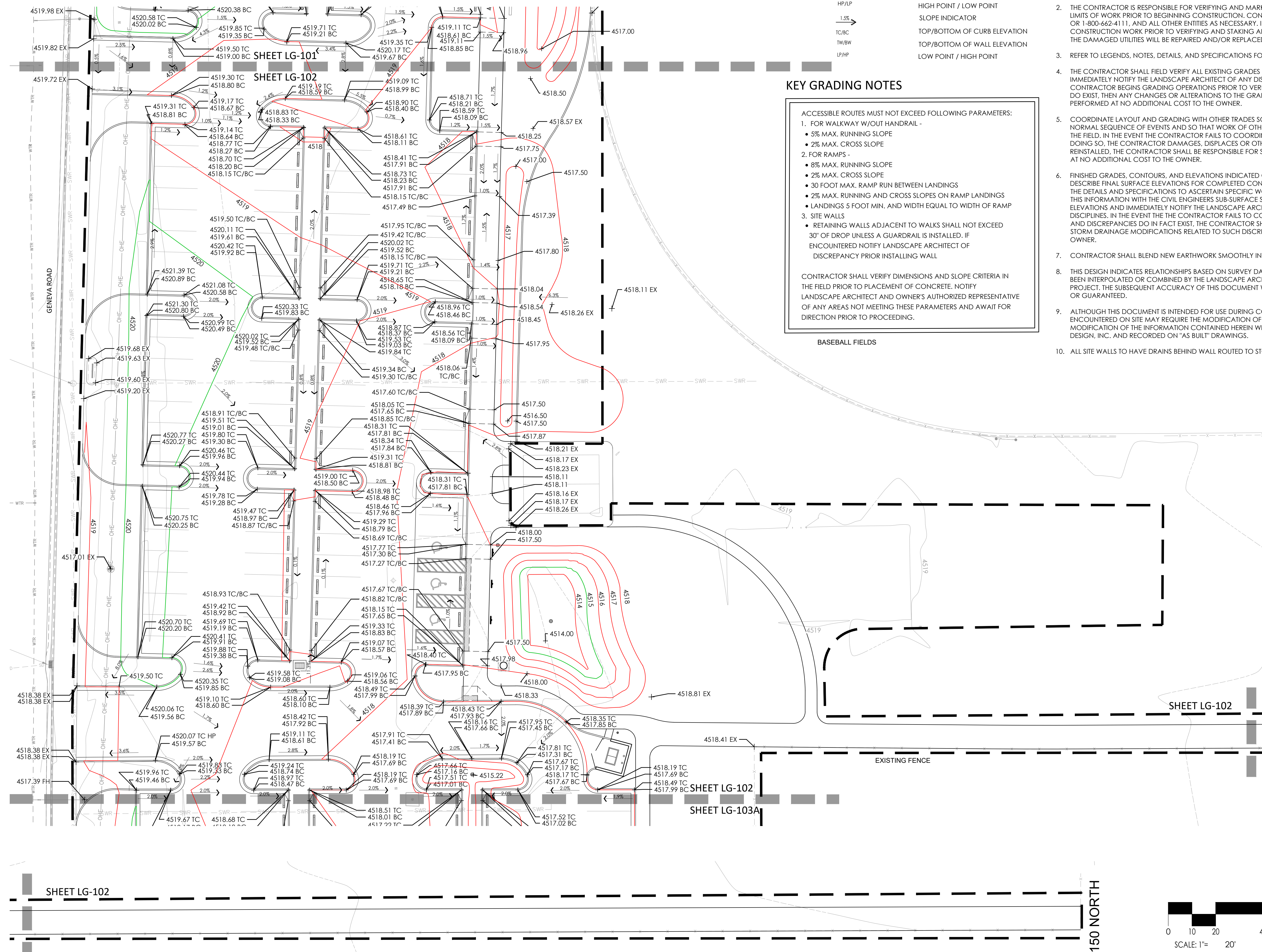
SHEET TITLE:
GRADING PLAN

DATE: 5-29-2026
DRAWN BY: JLH
CHECKED BY: MKW/JKW
JOB NO.: U24-028

SHEET NO:
LG-101

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■ CONSULTANTS:

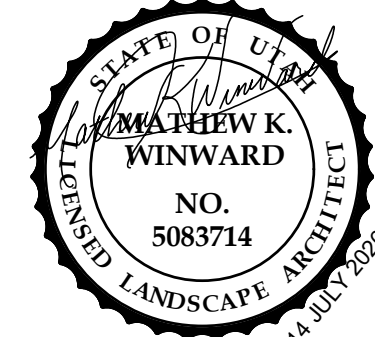
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PROVO, UT 84601

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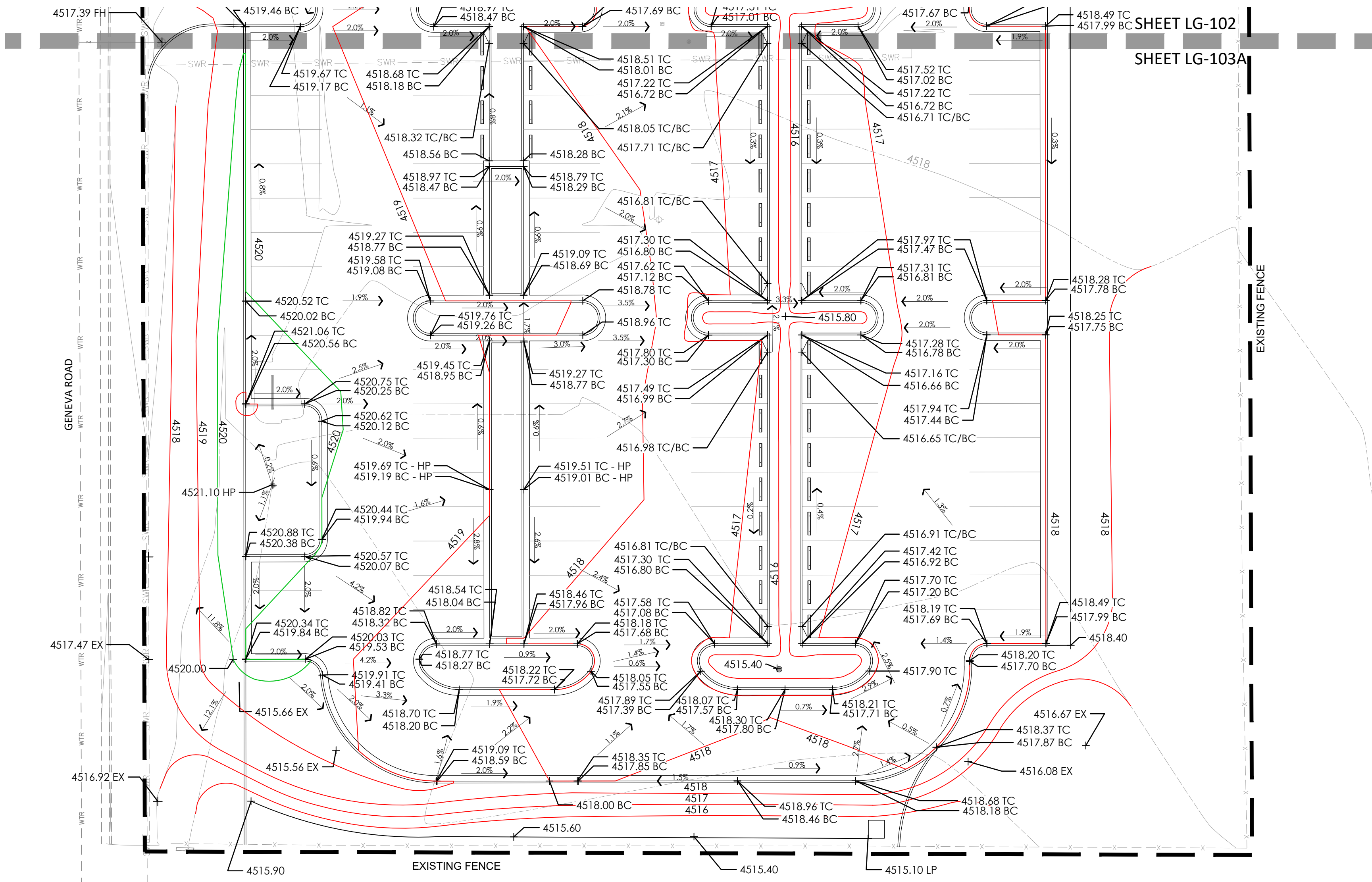
■ SHEET TITLE:
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■ DATE: 5-29-2026
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LG-102

CONSTRUCTION DOCUMENT - BID SET



KEY GRADING NOTES

ACCESSIBLE ROUTES MUST NOT EXCEED FOLLOWING PARAMETERS:

- FOR WALKWAY W/OUT HANDRAIL -
 - 5% MAX. RUNNING SLOPE
 - 2% MAX. CROSS SLOPE
- FOR RAMPS -
 - 8% MAX. RUNNING SLOPE
 - 2% MAX. CROSS SLOPE
 - 30 FOOT MAX. RAMP RUN BETWEEN LANDINGS
 - 2% MAX. RUNNING AND CROSS SLOPES ON RAMP LANDINGS
 - LANDINGS 5 FOOT MIN. AND WIDTH EQUAL TO WIDTH OF RAMP
- SITE WALLS
 - RETAINING WALLS ADJACENT TO WALKS SHALL NOT EXCEED 30' OF DROP UNLESS A GUARDRAIL IS INSTALLED. IF ENCOUNTERED NOTIFY LANDSCAPE ARCHITECT OF DISCREPANCY PRIOR INSTALLING WALL

CONTRACTOR SHALL VERIFY DIMENSIONS AND SLOPE CRITERIA IN THE FIELD PRIOR TO PLACEMENT OF CONCRETE. NOTIFY LANDSCAPE ARCHITECT AND OWNER'S AUTHORIZED REPRESENTATIVE OF ANY AREAS NOT MEETING THESE PARAMETERS AND AWAIT FOR DIRECTION PRIOR TO PROCEEDING.

GRADING LEGEND

---	LIMIT OF WORK LINE
- - - - -	EXISTING CONTOUR
+ 4754.6 EX	EXISTING SPOT ELEVATION
---	PROPOSED CONTOURS
+ 4754.6	PROPOSED SPOT ELEVATION
HP/LP	HIGH POINT / LOW POINT
1.5%	SLOPE INDICATOR
TC/BC	TOP/BOTTOM OF CURB ELEVATION
TW/BW	TOP/BOTTOM OF WALL ELEVATION
LP/HP	LOW POINT / HIGH POINT

GRADING GENERAL NOTES

- THE BASE INFORMATION FOR THIS DRAWING WAS OBTAINED FROM OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DRAWING WITH ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING ANY WORK AND IMMEDIATELY NOTIFYING THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. IN THE EVENT THAT THE CONTRACTOR BEGINS WORK PRIOR TO VERIFYING AND COMPARING THE BASE INFORMATION WITH ACTUAL FIELD CONDITIONS, THEN ANY CHANGES OR ALTERATIONS TO THE WORK INVOLVED WITH THESE DRAWINGS DUE TO SUCH DISCREPANCIES WILL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND MARKING THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF WORK PRIOR TO BEGINNING CONSTRUCTION. CONTACT THE OWNER, BLUE STAKES OF UTAH AT 811 OR 1-800-662-4111, AND ALL OTHER ENTITIES AS NECESSARY. IN THE EVENT THE CONTRACTOR BEGINS CONSTRUCTION WORK PRIOR TO VERIFYING AND STAKING ALL UTILITIES, AND DAMAGE TO UTILITIES OCCURS, THE DAMAGED UTILITIES WILL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
- REFER TO LEGENDS, NOTES, DETAILS, AND SPECIFICATIONS FOR FURTHER INFORMATION.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING GRADES IN THE FIELD PRIOR TO BEGINNING WORK AND IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. IN THE EVENT THAT THE CONTRACTOR BEGINS GRADING OPERATIONS PRIOR TO VERIFYING EXISTING GRADES AND DISCREPANCIES DO EXIST, THEN ANY CHANGES OR ALTERATIONS TO THE GRADING DUE TO THE DISCREPANCIES WILL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER.
- COORDINATE LAYOUT AND GRADING WITH OTHER TRADES SO THAT CONSTRUCTION CAN CONTINUE IN A NORMAL SEQUENCE OF EVENTS AND SO THAT WORK OF OTHER TRADES IS NOT DISTURBED ONCE PLACED IN THE FIELD. IN THE EVENT THE CONTRACTOR FAILS TO COORDINATE CONSTRUCTION BETWEEN TRADES AND BY DOING SO, THE CONTRACTOR DAMAGES, DISPLACES OR OTHERWISE CAUSES OTHER TRADES WORK TO BE REINSTALLED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH REPLACEMENT AND/OR RE-INSTALLATION AT NO ADDITIONAL COST TO THE OWNER.
- FINISHED GRADES, CONTOURS, AND ELEVATIONS INDICATED ON THE GRADING AND DRAINAGE PLAN DESCRIBE FINAL SURFACE ELEVATIONS FOR COMPLETED CONSTRUCTION. THE CONTRACTOR SHALL REVIEW THE DETAILS AND SPECIFICATIONS TO ASCERTAIN SPECIFIC WORK LIMITS AND REQUIREMENTS AND COMPARE THIS INFORMATION WITH THE CIVIL ENGINEERS SUB-SURFACE STORM WATER FINISH, INVERT AND OUTLET ELEVATIONS AND IMMEDIATELY NOTIFY THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES BETWEEN DISCIPLINES. IN THE EVENT THE THE CONTRACTOR FAILS TO COMPARE AND COORDINATE THIS INFORMATION AND DISCREPANCIES DO IN FACT EXIST, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY GRADING AND STORM DRAINAGE MODIFICATIONS RELATED TO SUCH DISCREPANCIES AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BLEND NEW EARTHWORK SMOOTHLY INTO EXISTING.
- THIS DESIGN INDICATES RELATIONSHIPS BASED ON SURVEY DATA OBTAINED FROM OTHER PARTIES AND HAS BEEN INTERPOLATED OR COMBINED BY THE LANDSCAPE ARCHITECT TO MEET THE REQUIREMENTS OF THIS PROJECT. THE SUBSEQUENT ACCURACY OF THIS DOCUMENT WHILE CONSIDERED RELIABLE, IS NOT WARRANTED OR GUARANTEED.
- ALTHOUGH THIS DOCUMENT IS INTENDED FOR USE DURING CONSTRUCTION, THE ACTUAL CONDITIONS ENCOUNTERED ON SITE MAY REQUIRE THE MODIFICATION OF INFORMATION CONTAINED HEREIN. ANY MODIFICATION OF THE INFORMATION CONTAINED HEREIN WILL BE SUBJECT TO APPROVAL OF G. BROWN DESIGN, INC. AND RECORDED ON "AS BUILT" DRAWINGS.
- ALL SITE WALLS TO HAVE DRAINS BEHIND WALL ROUTED TO STORM DRAIN SYSTEM OR SUITABLE AREA.

PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

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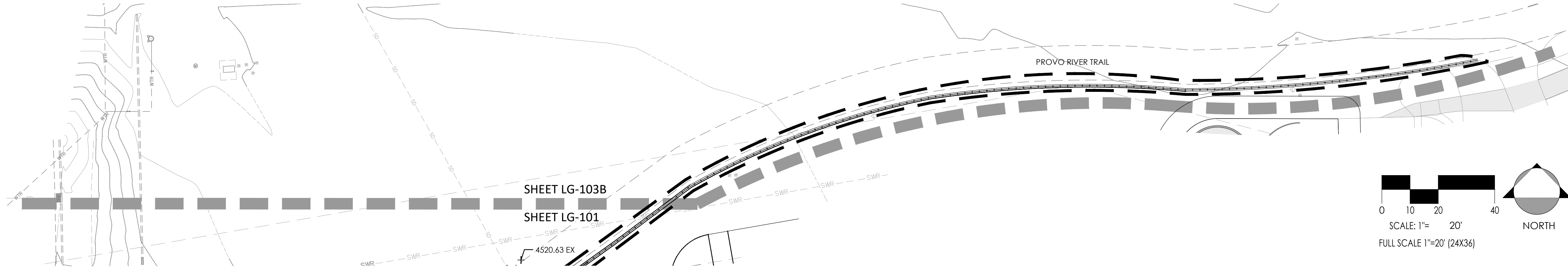
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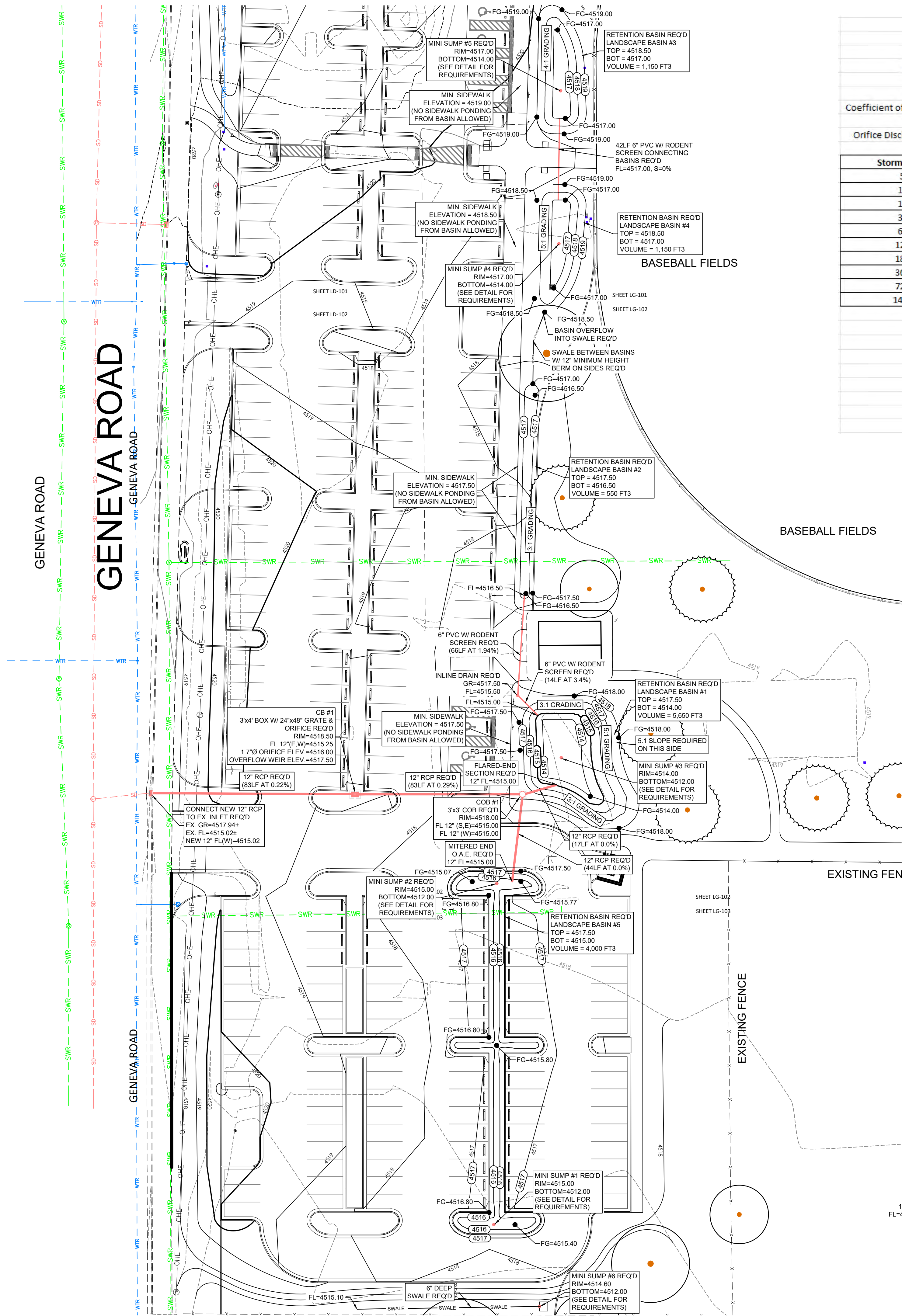
- DATE: 5-29-2026
- DRAWN BY: JLH
- CHECKED BY: MKW/JKW
- JOB NO.: U24-028

SHEET NO:

LG-103

CONSTRUCTION DOCUMENT - BID SET





10-Year 24-hour Detention volume					
Rational C=	0.599				
Area (sq. ft.)=	214918				
Area (ac.)=	4.93				
Orifice (in)=	1.70				
Coefficient of Discharge, C=	0.60				
Head (ft), h=	1.50				
Orifice Discharge (cfs), Q=	0.093				

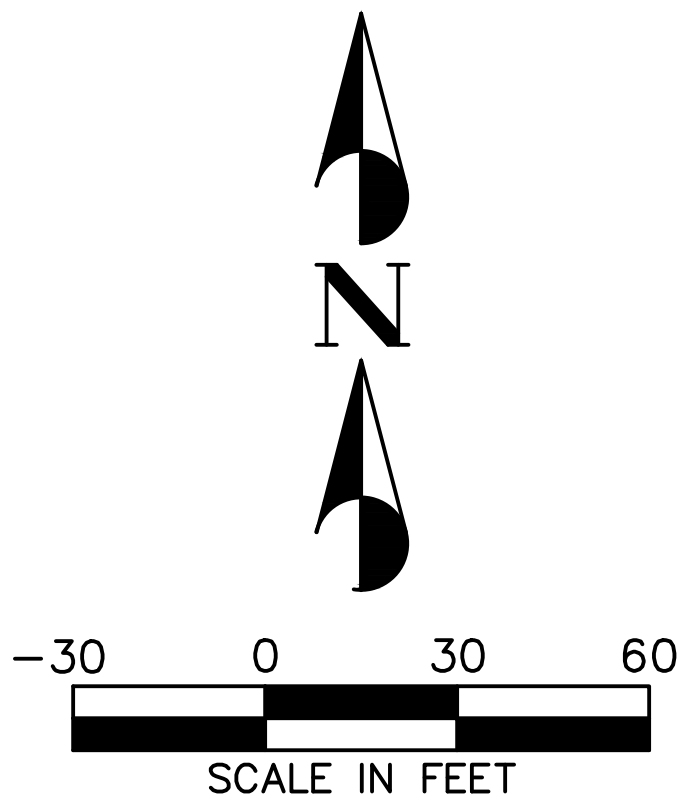
Storm (min)	Precipitation (in)	Intensity (in/hr)	Peak Flow (cfs)	PF-OF (cfs)	Volume (cu. ft.)
5	0.27	3.24	9.57	9.48	2843
10	0.41	2.46	7.27	7.17	4304
15	0.5	2.00	5.91	5.81	5233
30	0.68	1.36	4.02	3.92	7063
60	0.84	0.84	2.48	2.39	8597
120	0.95	0.48	1.40	1.31	9432
180	1.04	0.35	1.02	0.93	10055
360	1.24	0.21	0.61	0.52	11177
720	1.53	0.13	0.38	0.28	12253
1440	1.79	0.07	0.22	0.13	11002

Peak Flow (cfs)=	9.57
Retention Req'd (cu. ft.)=	12253
Retention Provided (cu. ft.)=	12500

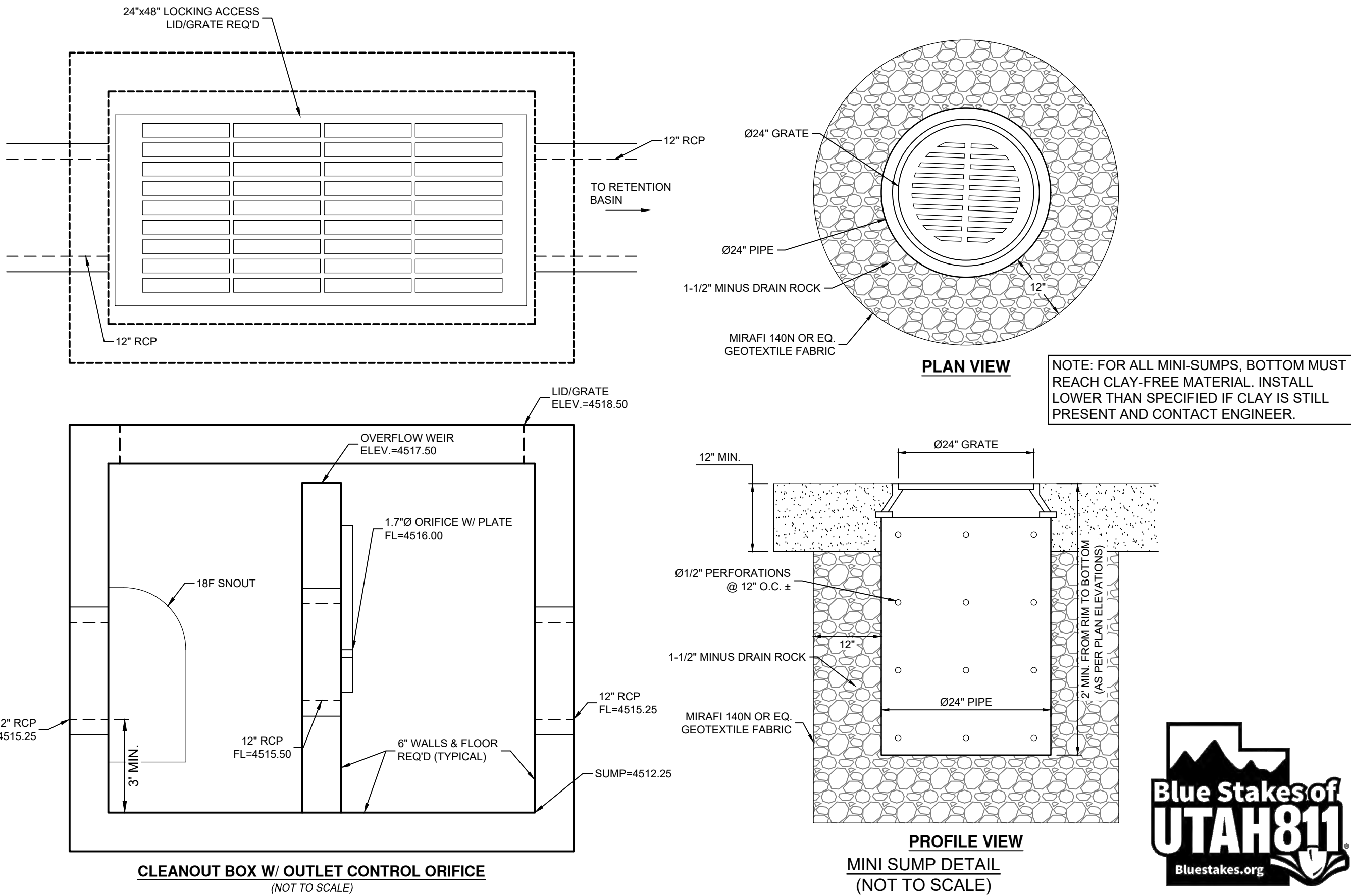
Rational method C-value	
Hardscape	120529 0.95
Landscape	94389 0.15
Total	214918 0.599

DRAINAGE CALCULATIONS

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS AND SPECIFICATIONS. IN THE ABSENCE OF PROJECT STANDARD AND SPECIFICATIONS APWA STANDARD AND SPECIFICATIONS SHALL GOVERN.
2. CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING IMPROVEMENTS UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE TO REPAIR ALL SIDEWALK, PAVEMENT, GRAVEL, UTILITIES, LANDSCAPING, IRRIGATION, FENCING AND EXISTING IMPROVEMENTS DAMAGED AS PART OF CONSTRUCTION.
3. ALL IMPROVEMENTS MUST COMPLY WITH ADA STANDARDS AND SPECIFICATIONS.
4. IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT BLUE STAKES OF UTAH PRIOR TO STARTING ANY ACTIVITIES. ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATIONS ONLY.
5. 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 THEIR 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. ENSURE ALL OSHA STANDARDS ARE FOLLOWED.
6. CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
7. CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.
8. GRADING SHOWN ON THIS PLAN IS SUPPLEMENTAL TO THE MAIN GRADING PLAN, AND SPECIFIC TO DRAINAGE SWALES AND BASIN. SEE GRADING PLAN FOR MAIN GRADING INFORMATION.



DRAINAGE NOTES



CONSTRUCTION DOCUMENT - BID SET

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G. BROWN DESIGN INC
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Murray, Utah 84107
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■ PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1717 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:
CMT TECHNICAL SERVICES
2796 S REDWOOD ROAD
WEST VALLEY CITY, UT 84119
801-908-5859

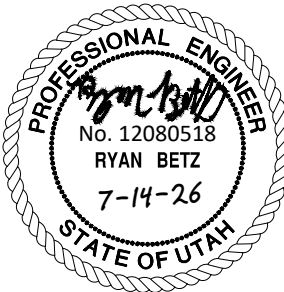
PROVO FORT UTAH PARK

200 N. GENEVA RD.
PROVO, UT 84601

■ REVISIONS:

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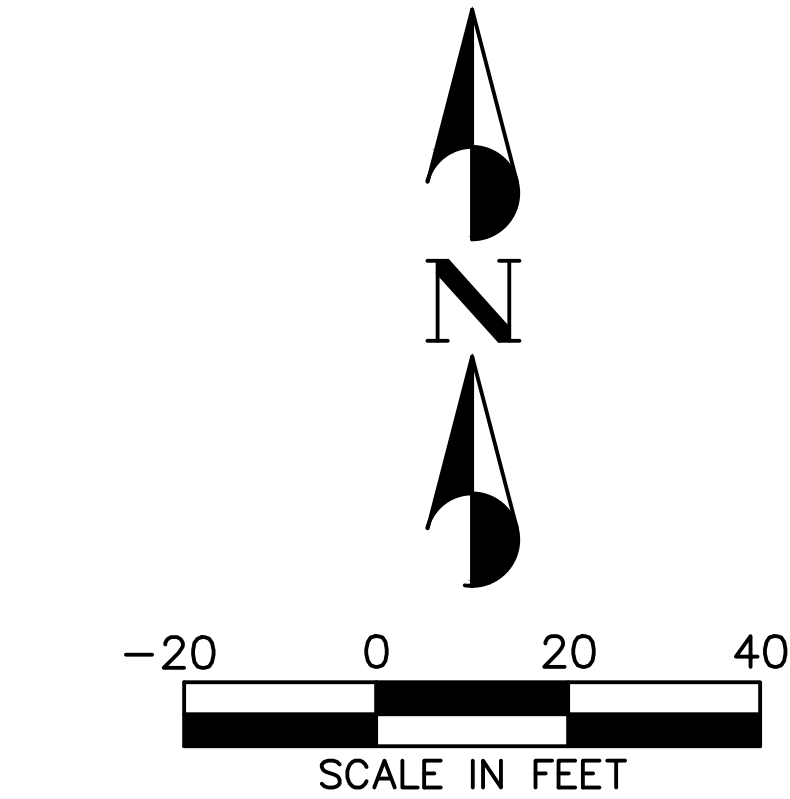
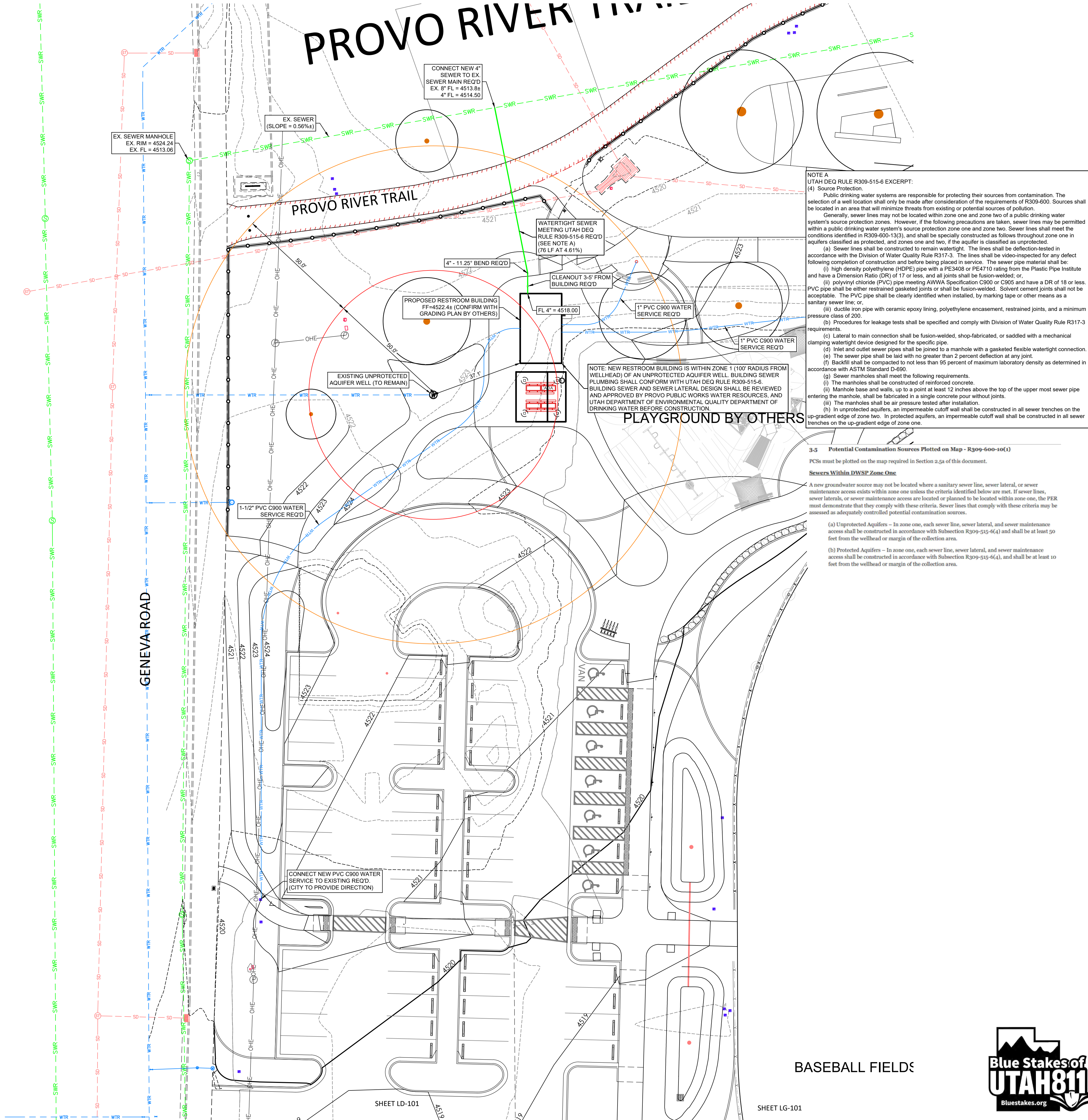
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**DRAINAGE
PLAN**

- DATE: 07-14-2026
■ DRAWN BY: RPB
■ CHECKED BY: JJM
■ JOB NO.: U24-028

■ SHEET NO:

C100



LEGEND	
---	EXISTING 5' CONTOUR
---	EXISTING 1' CONTOUR
---	EXISTING CURB & GUTTER
---	EXISTING CENTER LINE
---	EXISTING SIDEWALK
-X-X-	EXISTING FENCE
---	EXISTING EDGE OF ASPHALT
---	EXISTING SEWER LINE
---	EXISTING STORM DRAIN LINE
---	EXISTING WATER LINE
---	EXISTING TELEPHONE LINE
---	EXISTING GAS LINE
---	EXISTING UNDERGROUND ELECTRICAL
---	EXISTING CABLE TV LINE
---	EXISTING FIBER OPTIC LINE
---	EXISTING OVERHEAD ELECTRIC
---	EXISTING CONCRETE PAD
---	EXISTING BUILDING PAD
---	EXISTING TOP OF BANK
---	PROPOSED 5' CONTOUR
---	PROPOSED 1' CONTOUR
---	PROPOSED CURB & GUTTER
---	PROPOSED CENTER LINE
---	PROPOSED SIDEWALK
---	PROPOSED SECONDARY WATER LINE
---	PROPOSED SEWER LINE
---	PROPOSED STORM DRAIN LINE
---	PROPOSED FENCE
---	PROPOSED EDGE OF ASPHALT
---	PROPOSED WATER LINE
---	PROPOSED SPILL CURB & GUTTER
---	PROPOSED CONCRETE PAD
---	PROPOSED BUILDING PAD
---	PROJECT BOUNDARY
---	RIGHT OF WAY

UTILITY NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH GOVERNING AGENCY STANDARDS AND SPECIFICATIONS. IN THE ABSENCE OF PROJECT STANDARD AND SPECIFICATIONS APWA STANDARD AND SPECIFICATIONS SHALL GOVERN.
- ALL WORK SHALL COMPLY WITH THE PROJECT PLANS, PROJECT SPECIFICATIONS, AND PROJECT GEOTECHNICAL ENGINEERING REPORT, WHICHEVER IS THE MOST STRINGENT.
- CONTRACTOR SHALL RETAIN AND PROTECT ALL EXISTING IMPROVEMENTS UNLESS OTHERWISE NOTED. CONTRACTOR IS RESPONSIBLE TO REPAIR ALL SIDEWALK, PAVEMENT, GRAVEL, UTILITIES, LANDSCAPING, IRRIGATION, FENCING AND EXISTING IMPROVEMENTS DAMAGED AS PART OF CONSTRUCTION.
- IT IS THE CONTRACTORS RESPONSIBILITY TO CONTACT BLUE STAKES OF UTAH PRIOR TO STARTING ANY ACTIVITIES. ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATIONS ONLY.
- ALL IMPROVEMENTS MUST COMPLY WITH ADA 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 THEIR 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. ENSURE ALL OSHA STANDARDS ARE FOLLOWED.
- IF DURING THE CONSTRUCTION PROCESS, CONDITIONS ARE ENCOUNTERED WHICH INDICATE AN UNIDENTIFIED SITUATION IS PRESENT, THE CONTRACTOR SHALL CONTACT THE OWNER AND ENGINEER IMMEDIATELY.
- DIMENSIONS FOR LAYOUT AND CONSTRUCTION ARE NOT TO BE SCALED FROM ANY DRAWING. IF PERTINENT DIMENSIONS ARE NOT SHOWN CONTACT THE ENGINEER FOR CLARIFICATION.
- ALL UTILITY SERVICE ENTRY POINTS SHOWN ARE APPROXIMATE LOCATIONS ONLY. SEE ARCHITECT PLANS FOR EXACT LOCATIONS AT BUILDING.
- CONTRACTOR SHALL PROVIDE AND MAINTAIN AT ALL TIMES AMPLE MEANS AND DEVICES WITH WHICH TO REMOVE PROMPTLY AND TO PROPERLY DISPOSE OF ALL WATER ENTERING THE TRENCH EXCAVATION.
- CONTRACTOR SHALL INSTALL THRUST BLOCKING AT ALL WATERLINE ANGLE POINTS AND TEES.



CONSTRUCTION DOCUMENT - BID SET

G.B.D
G. BROWN DESIGN INC
SITE AND LANDSCAPE ARCHITECTS
678 East Vine Street, Ste 10
Murray, Utah 84107
801.573.6066
www.gbrowndesign.com

PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1717 S. 350 E.
PROVO, UT 84606

CONSULTANTS:
CMT TECHNICAL SERVICES
2796 S REDWOOD ROAD
WEST VALLEY CITY, UT 84119
801-908-5859

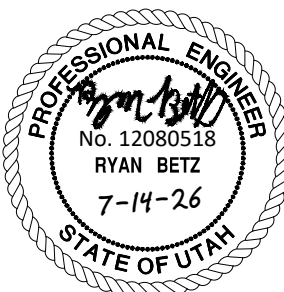
PROVO FORT UTAH PARK

200 N. GENEVA RD.
PROVO, UT 84601

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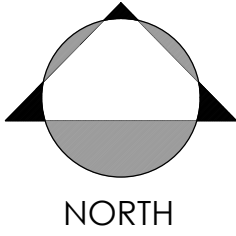
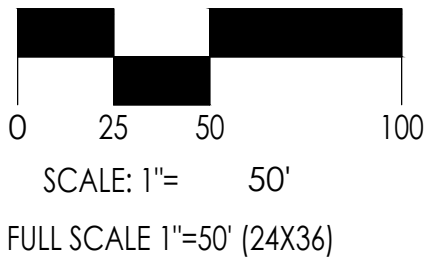
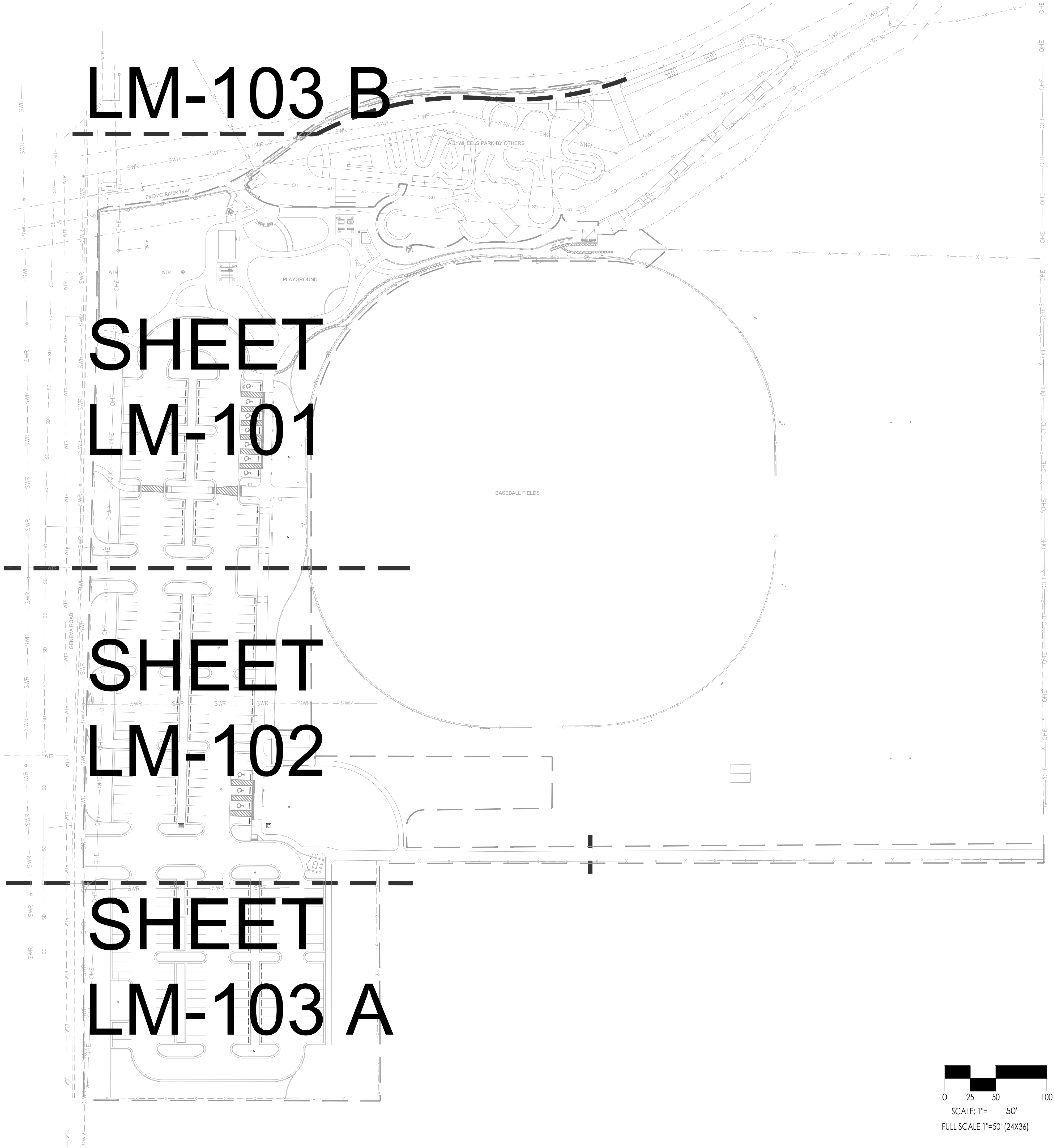
UTILITY
PLAN

DATE: 07-14-2026
DRAWN BY: RPB
CHECKED BY: JJM
JOB NO.: U24-028

SHEET NO:

C200





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200 N. GENEVA ROAD
PROVO, UT 84601

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■ STAMP

STATE OF UTAH
LANDSCAPE ARCHITECT
WINWARD
NO. 5083714
12-07-2026

■ SHEET TITLE:

OVERALL
LAYOUT &
MATERIALS PLAN

- DATE: 5-29-2026
- DRAWN BY: JLH
- CHECKED BY: MKW/JKW
- JOB NO.: U24-028

■ SHEET NO:

LM-001

LAYOUT GENERAL NOTES

1. THE BASE INFORMATION FOR THIS DRAWING WAS OBTAINED FROM OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DRAWING WITH ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING ANY WORK AND IMMEDIATELY NOTIFYING THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. IN THE EVENT THAT THE CONTRACTOR BEGINS WORK PRIOR TO VERIFYING AND COMPARING THE BASE INFORMATION WITH ACTUAL FIELD CONDITIONS, THEN ANY CHANGES OR ALTERATIONS TO THE WORK INVOLVED WITH THESE DRAWINGS DUE TO SUCH DISCREPANCIES WILL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND MARKING THE LOCATIONS OF ALL UTILITIES WITHIN THE LIMITS OF WORK PRIOR TO BEGINNING CONSTRUCTION. CONTACT THE OWNER, BLUE STAKES OF UTAH AT 811 OR 1-800-662-4111, AND ALL OTHER ENTITIES AS NECESSARY. IN THE EVENT THE CONTRACTOR BEGINS CONSTRUCTION WORK PRIOR TO VERIFYING AND STAKING ALL UTILITIES, AND DAMAGE TO UTILITIES OCCURS, THE DAMAGED UTILITIES WILL BE REPAIRED AND/OR REPLACED AT NO ADDITIONAL COST TO THE OWNER.
3. REFER TO LEGENDS, NOTES, DETAILS, AND SPECIFICATIONS FOR FURTHER INFORMATION.
4. ALL LAYOUT HARDSCAPE ELEMENTS SHALL BE LAID OUT BY A REGISTERED CIVIL ENGINEER OR SURVEYOR.
5. COORDINATE LAYOUT AND GRADING WITH OTHER TRADES SO THAT CONSTRUCTION CAN CONTINUE IN A NORMAL SEQUENCE OF EVENTS AND SO THAT WORK OF OTHER TRADES IS NOT DISTURBED ONCE PLACED IN THE FIELD. IN THE EVENT THE CONTRACTOR FAILS TO COORDINATE CONSTRUCTION BETWEEN TRADES AND BY DOING SO, THE CONTRACTOR DAMAGES, DISPLACES OR OTHERWISE CAUSES OTHER TRADES WORK TO BE REINSTALLED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUCH REPLACEMENT AND/OR RE-INSTALLATION AT NO ADDITIONAL COST TO THE OWNER.
6. WHEN THE WRITTEN DIMENSION IS DIFFERENT FROM THE SCALED DIMENSION, THE WRITTEN DIMENSION SHALL PREVAIL AND THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IN WRITING BEFORE PROCEEDING WITH WORK IN THE AREA IN QUESTION.
7. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHERE MEASURED UNLESS OTHERWISE INDICATED.
8. ALL DIMENSION MEASUREMENTS TAKEN FROM THE FRONT OF CURB.
9. ALL SIDEWALK LAYOUT SHALL BE COORDINATED WITH THE LANDSCAPE ARCHITECT PRIOR TO PLACEMENT AND CONSTRUCTION.
10. ALL CURVES TO TANGENT LINES SHALL BE NEAT, TRIM, SMOOTH AND UNIFORM.
11. RADIUS DIMENSION ON ALL CONNECTING SIDEWALKS AND PARKING ISLANDS SHALL BE 5'-0" UNLESS OTHERWISE NOTED.

PRODUCT & MATERIAL SCHEDULE

SYMBOL	DESCRIPTION	MODEL NO.	MANUFACTURER	AVAILABLE VIA.	FINISH	COLOR	COMMENTS	PROVIDED/ INSTALLED
	CONCRETE	N/A	N/A	N/A	MEDIUM BROOM	STANDARD GRAY	PER DETAIL AND SPECIFICATIONS	CFCI
	VEHICULAR CONCRETE	N/A	N/A	N/A	MEDIUM BROOM	STANDARD GRAY	PER DETAIL AND SPECIFICATIONS	CFCI
	ASPHALT	N/A	N/A	N/A	N/A	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	STONE DUST	N/A	N/A	N/A	N/A	TAN/BROWN	PER DETAIL AND SPECIFICATIONS	CFCI
	TACTILE WARNING STRIP	ADA-C-24XX	ARMOR TILE	N/A	N/A	YELLOW	PER DETAIL AND SPECIFICATIONS	CFCI
	TRAFFIC SIGN	SEE DETAIL CALLOUT FOR TYPE	N/A	N/A	N/A	N/A	PER DETAIL AND SPECIFICATIONS	CFCI
	PAVILION	20'X20' CLERESTORY	SMITH STEELWORKS	RUSSEL SMITH 801.414.1724	POWDER COATED	POSTS/BEAMS: BLACK ROOF: BURNISHED SLATE	PER DETAIL AND SPECIFICATIONS	CFCI
	PICNIC TABLE	8' SLATTED PICNIC TABLE	SMITH STEELWORKS	RUSSEL SMITH 801.414.1724	POWDER COATED	STEEL FRAME: BLACK TOP & SEATS: ANODIZED	PER DETAIL AND SPECIFICATIONS	CFCI
	ADA PICNIC TABLE	8' SLATTED PICNIC TABLE	SMITH STEELWORKS	RUSSEL SMITH 801.414.1724	POWDER COATED	STEEL FRAME: BLACK TOP & SEATS: ANODIZED	PER DETAIL AND SPECIFICATIONS	CFCI
	BENCH	6' CLASSIC ARCH BENCH	SMITH STEELWORKS	RUSSEL SMITH 801.414.1724	POWDER COATED	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	COOLING STATION	GLOMIST VOR 7247	VORTEX	MICHELLE LYNN (303)916-4524	POWDER COATED	SILVER	PER DETAIL AND SPECIFICATIONS	CFCI
	BIKE RACK	LOOP BIKE RACK 4 SPACES SINGLE SIDELOAD	PW ATHLETIC MFG. CO.	(866)695-0914 SALES@PWATHLETIC.COM	POWDER COATED	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	SCOOTER/ SKATEBOARD RACK	PREMIUM BRUTE 5 SINGLE-SIDED FLOOR MOUNT	BOARDLOCK	(855)853-3454 INFO@BOARDLOCK.COM	POWDER COATED	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	BIKE PUMP	DERO AIR KIT 4	OUTDOOR WORKOUT SUPPLY	(888)990-7508	POWDER COATED	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	BIKE REPAIR STATION	DERO FIXIT PLUS - NO AIR KIT	OUTDOOR WORKOUT SUPPLY	(888)990-7508	POWDER COATED	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	TRASH RECEPTACLE	32 GALLON	SMITH STEELWORKS	RUSSEL SMITH 801.414.1724	POWDER COATED	BLACK	PER DETAIL AND SPECIFICATIONS	CFCI
	DOG WASTE STATION	1003-L	DOGIPOT	WWW.DOGIPOT.COM	ALUMINUM	SMART LITTER PICK UP BAGS	PER DETAIL AND SPECIFICATIONS	OPCI
	SHADE SAIL	TO MATCH PLAYGROUND	BIG T RECREATION	MERIT EGAN (801)572-0782	POWDER COATED	BLACK FRAME	PER DETAIL AND SPECIFICATIONS	OPCI

OPCI: OWNER PURCHASE, CONTRACTOR INSTALL CFCI: CONTRACTOR FURNISH, CONTRACTOR INSTALL

LAYOUT & MATERIAL LEGEND

- LIMIT OF WORK LINE/ PHASE LINE
- GUARDRAIL ON RETAINING WALL - AMERISTAR 4' MONTAGE II INDUSTRIAL
- STAIRWAY RAILING - TBD BY OWNER
- 48" TALL AMERISTAR MONSTAGE FENCING OR 4' SPLIT RAIL FENCE (AS BID ALTERNATE)
- SEAT WALL - 18" TALL 20" WIDE
- RAISED PLANTER WALL - 30" TALL 20" WIDE
- RETAINING WALL - 12" WIDE - HEIGHTS VARY PER PLAN. GUARDRAIL ON TOP PER PLAN.

NOTE:

- SEAT WALLS & RAISED PLANTER WALL TO BE CONCRETE WITH ARCHITECTURAL FINISH - COURSE CHAMFER JOINTS WITH 4X4 SPACING.
- SKATE DETERRENT CHAMFER EVERY 2' ON EDGE OF RAISED PLANTER WALLS

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■ PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

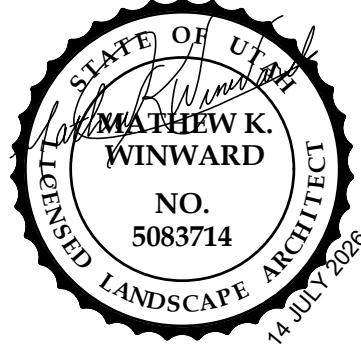
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:

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■ STAMP



■ SHEET TITLE:
LAYOUT &
MATERIALS
NOTES & SCHEDULES

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

■ SHEET NO:

LM-002

CONSTRUCTION DOCUMENT - BID SET

200 N. GENEVA ROAD
PROVO, UT 84601

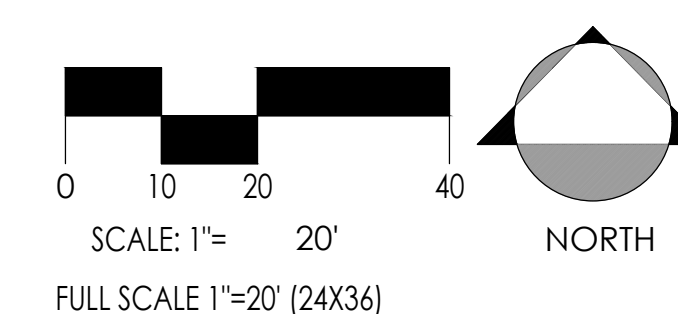
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■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

LM-101

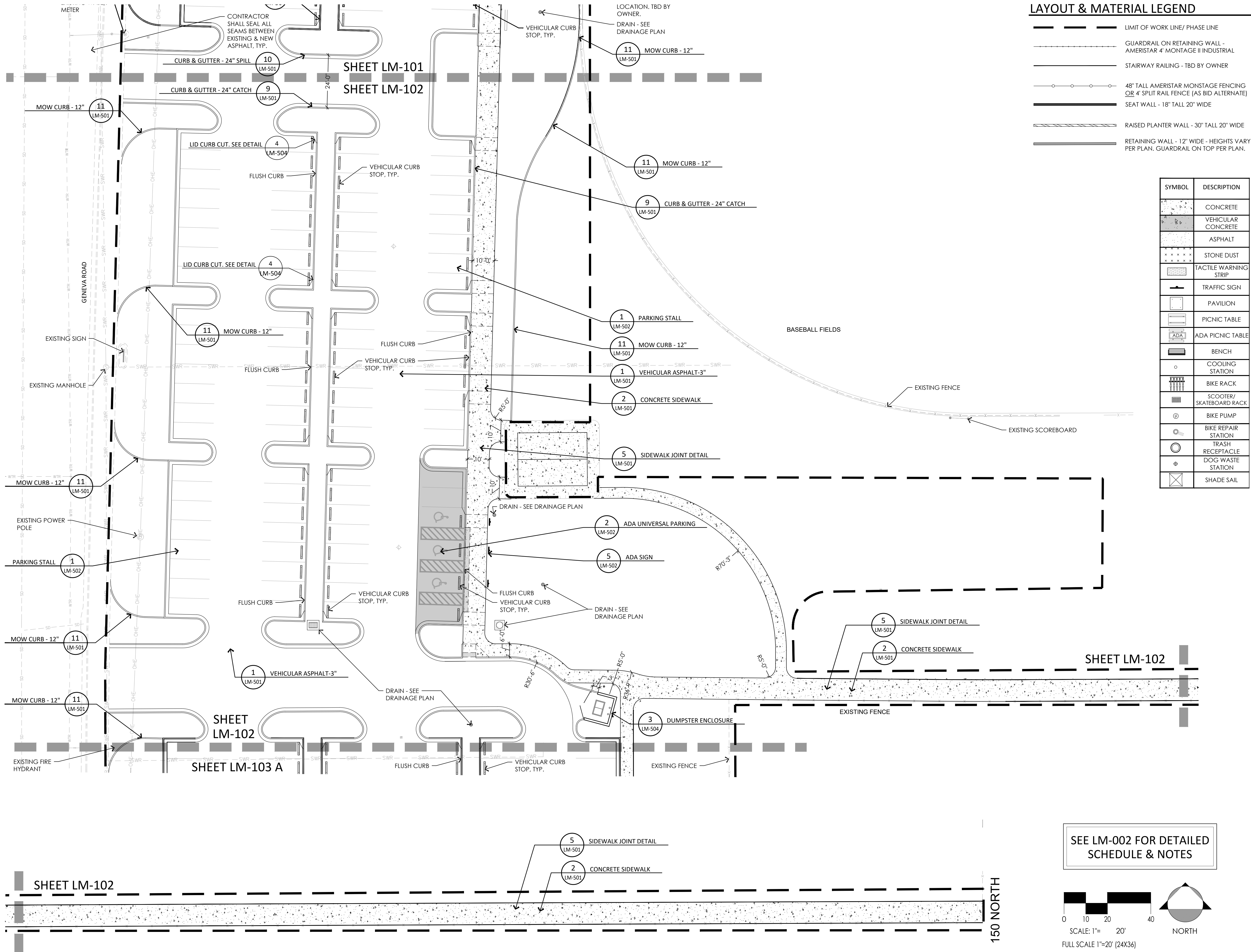
	LIMIT OF WORK LINE/ PHASE LINE
	GUARDRAIL ON RETAINING WALL - AMERISTAR 4" MONTAGE II INDUSTRIAL
	STAIRWAY RAILING - TBD BY OWNER
	48" TALL AMERISTAR MONTAGE FENCING OR 4" SPLIT RAIL FENCE (AS BID ALTERNATE)
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	RETAINING WALL - 12" WIDE - HEIGHTS VARY PER PLAN, GUARDRAIL ON TOP PER PLAN

SYMBOL	DESCRIPTION
	CONCRETE
	VEHICULAR CONCRETE
	ASPHALT
	STONE DUST
	TACTILE WARNING STRIP
	TRAFFIC SIGN
	PAVILION
	PICNIC TABLE
	ADA PICNIC TABLE
	BENCH
	COOLING STATION
	BIKE RACK
	SCOOTER/ SKATEBOARD RACK
	BIKE PUMP
	BIKE REPAIR STATION
	TRASH RECEPTACLE
	DOG WASTE STATION
	SHADE SAIL



SEE LM-002 FOR DETAILED
SCHEDULE & NOTES

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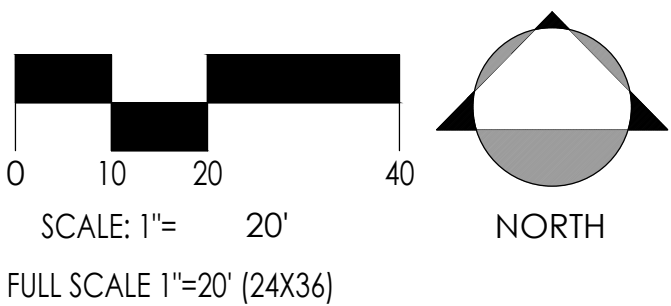


LAYOUT & MATERIAL LEGEND

- LIMIT OF WORK LINE/ PHASE LINE
- GUARDRAIL ON RETAINING WALL - AMERISTAR 4' MONTAGE II INDUSTRIAL
- STAIRWAY RAILING - TBD BY OWNER
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	ASPHALT
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	SHADE SAIL

SEE LM-002 FOR DETAILED SCHEDULE & NOTES



■ PREPARED FOR:
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PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

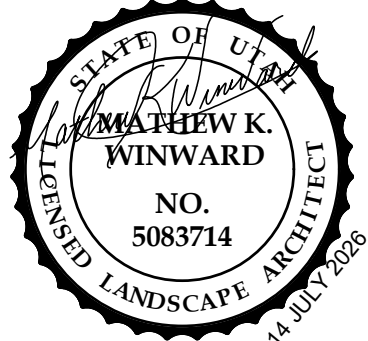
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:

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■ SHEET TITLE:
LAYOUT &
MATERIAL PLAN

■ DATE: 5-29-2026
■ DRAWN BY: JLH
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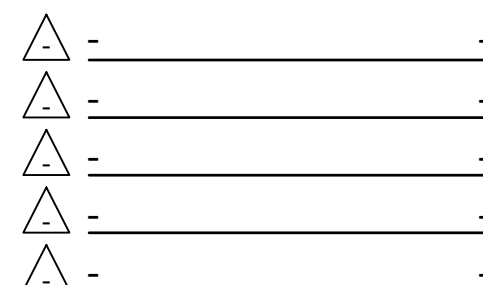
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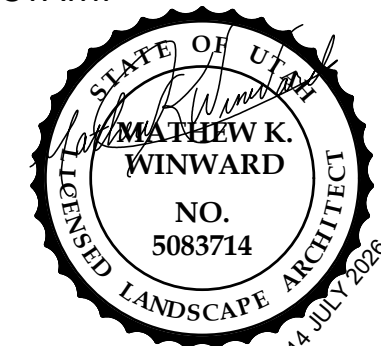
CONSTRUCTION DOCUMENT - BID SET

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:



■ STAMP



■ SHEET TITLE:

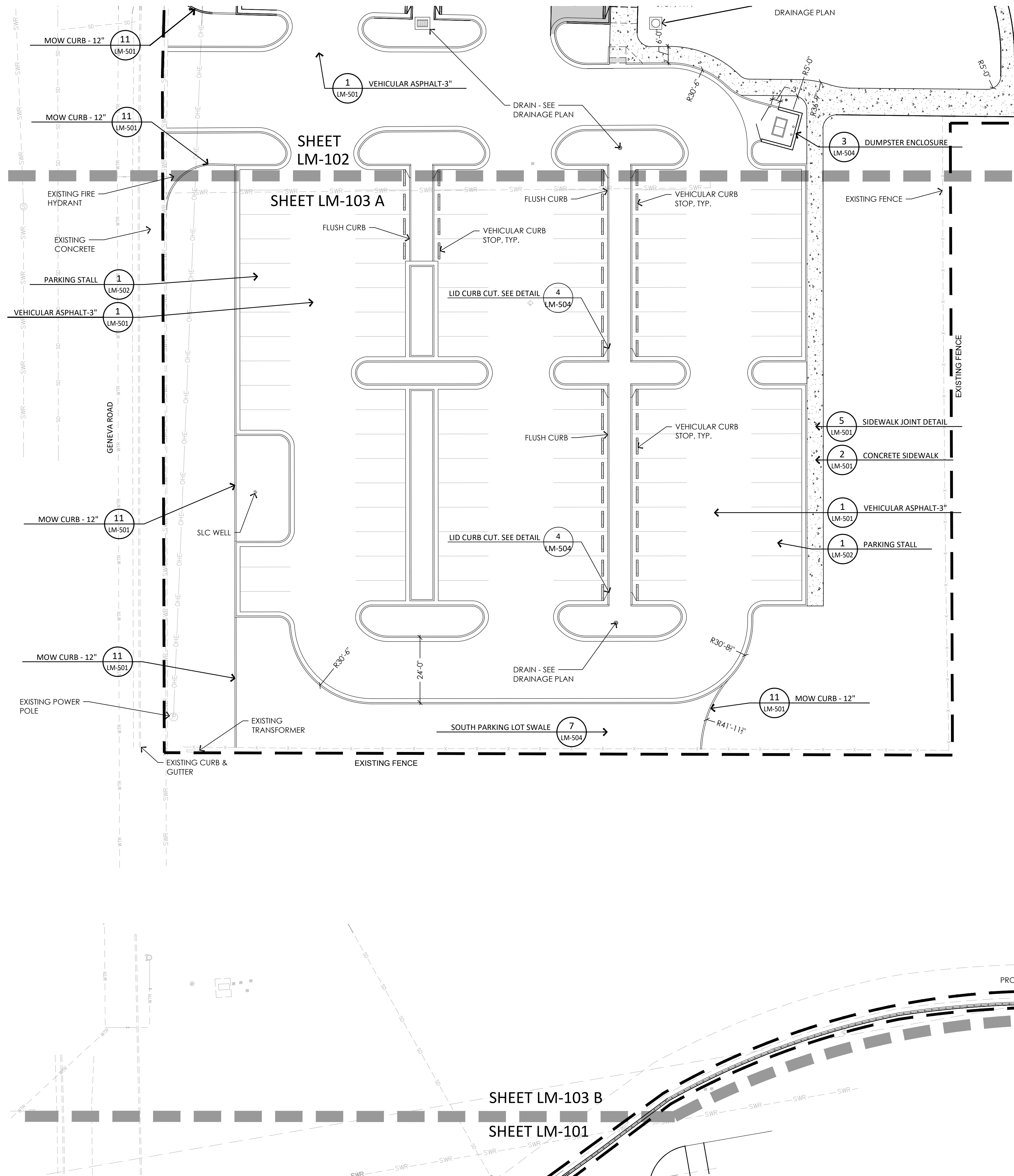
LAYOUT &
MATERIAL PLAN

- DATE: 5-29-2026
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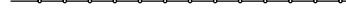
■ SHEET NO:

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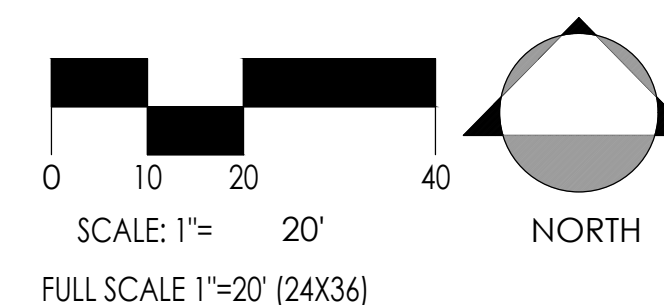


LAYOUT & MATERIAL LEGEND

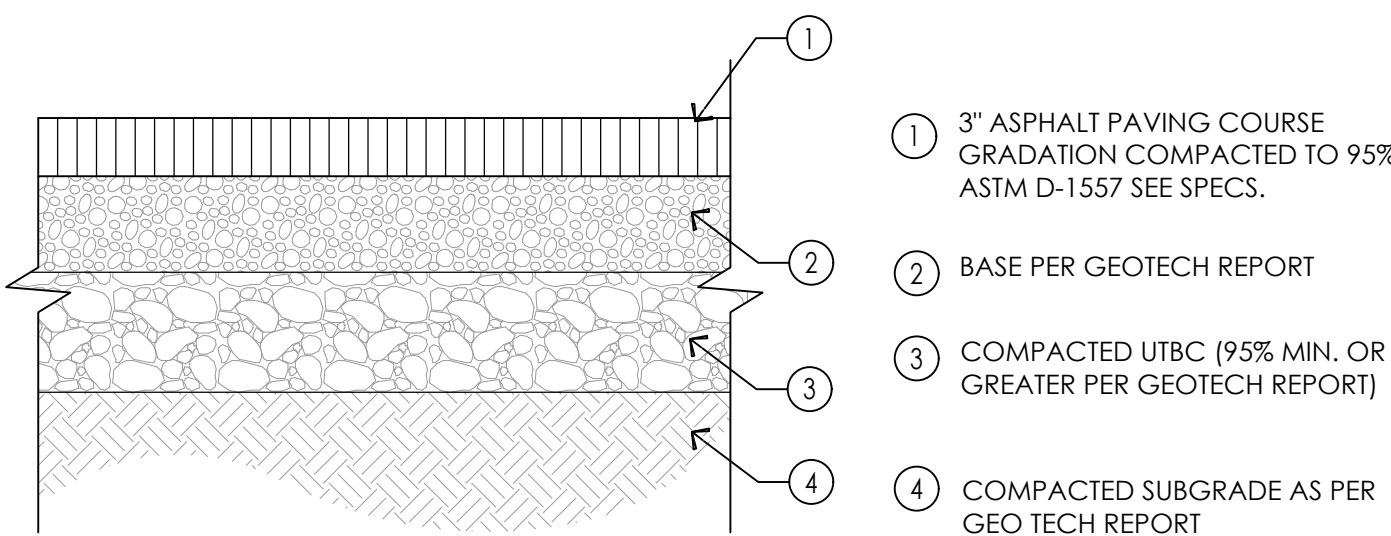
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|---|--|
|  | LIMIT OF WORK LINE/ PHASE LINE |
|  | GUARDRAIL ON RETAINING WALL - AMERISTAR 4" MONTAGE II INDUSTRIAL |
|  | STAIRWAY RAILING - TBD BY OWNER |
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SYMBOL	DESCRIPTION
	CONCRETE
	VEHICULAR CONCRETE
	ASPHALT
	STONE DUST
	TACTILE WARNING STRIP
	TRAFFIC SIGN
	PAVILION
	PICNIC TABLE
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	COOLING STATION
	BIKE RACK
	SCOOTER/ SKATEBOARD RACK
	BIKE PUMP
	BIKE REPAIR STATION
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	DOG WASTE STATION
	SHADE SAIL

SEE LM-002 FOR DETAILED
SCHEDULE & NOTES

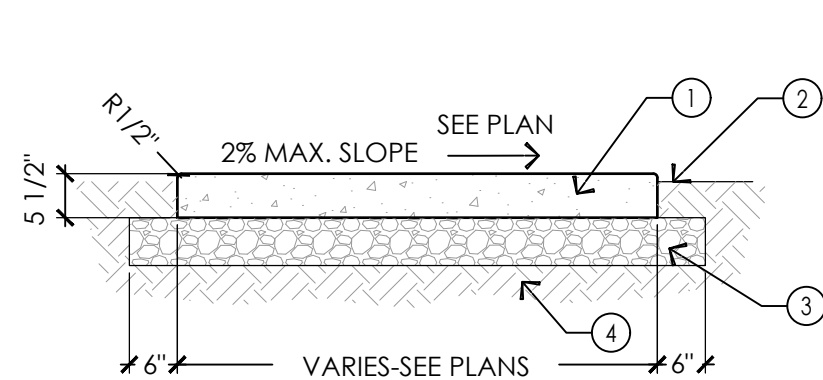


CONSTRUCTION DOCUMENT - BID SET



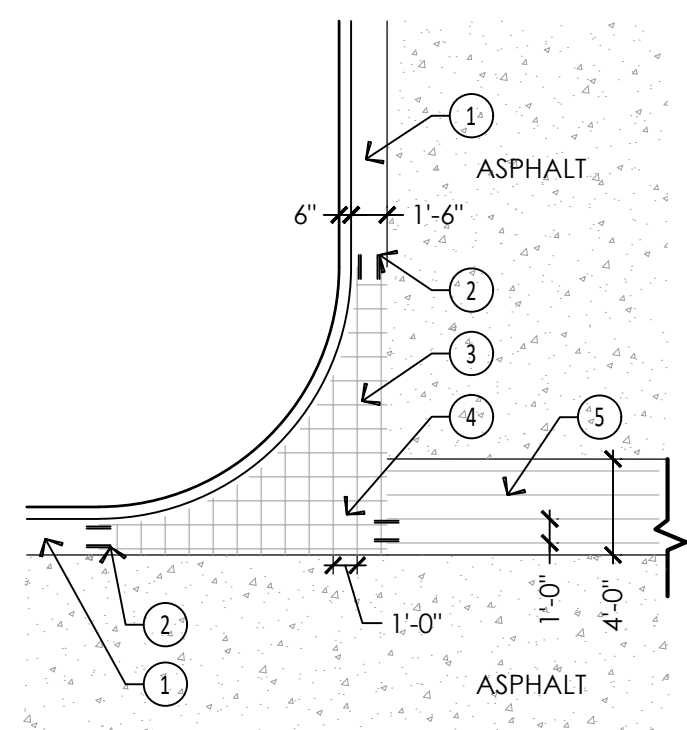
1 VEHICULAR ASPHALT-3"

NTS



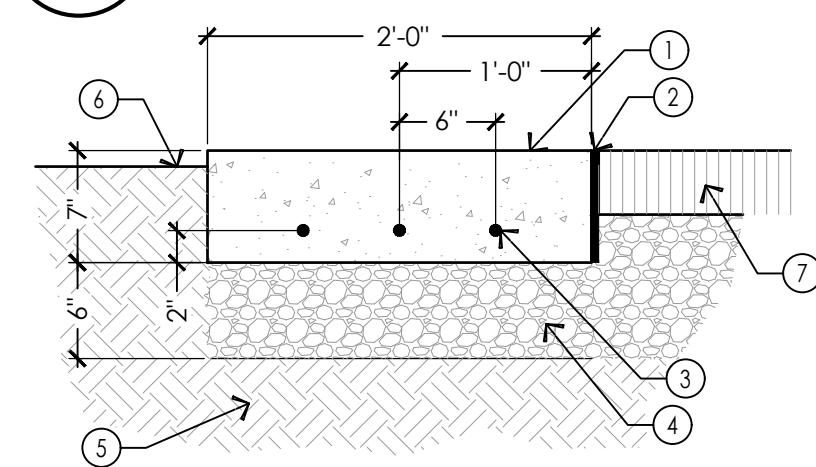
2 CONCRETE SIDEWALK

NTS



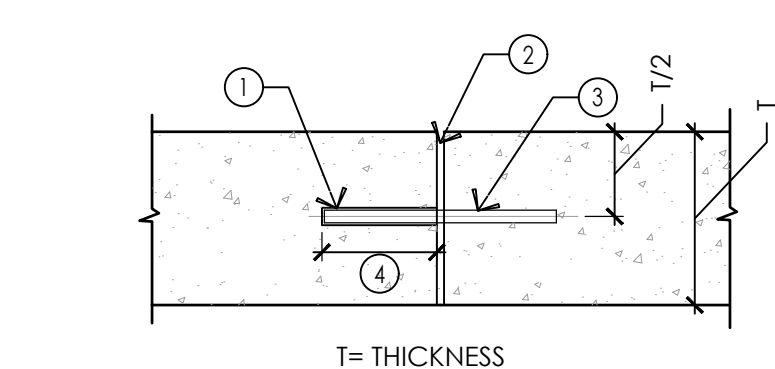
8 WATERWAY CURB TRANSITION

NTS



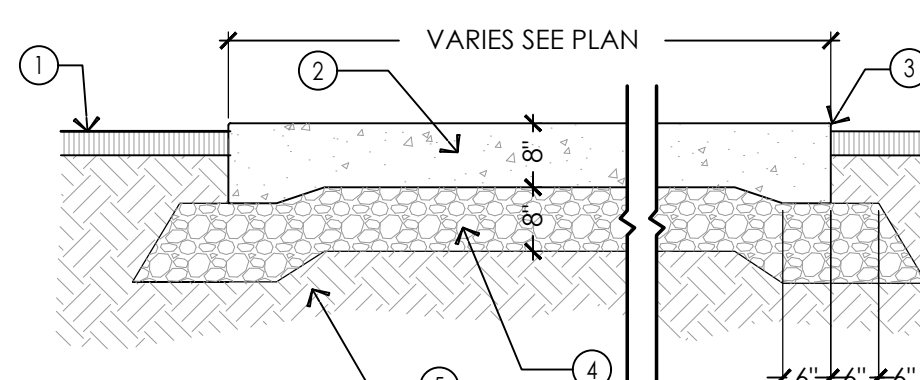
13 CONCRETE APRON AT DRIVE EDGE

NTS



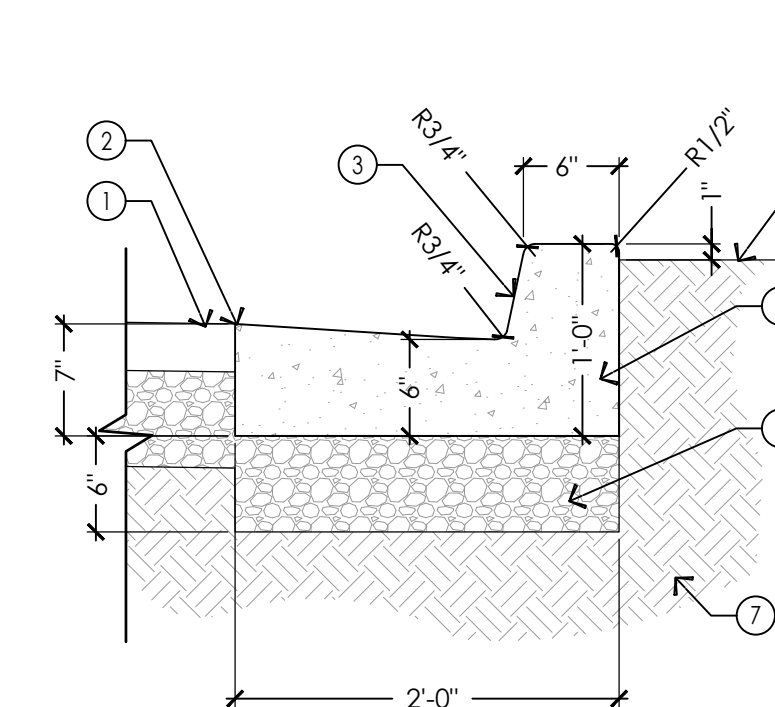
3 DOWELED JOINT

NTS



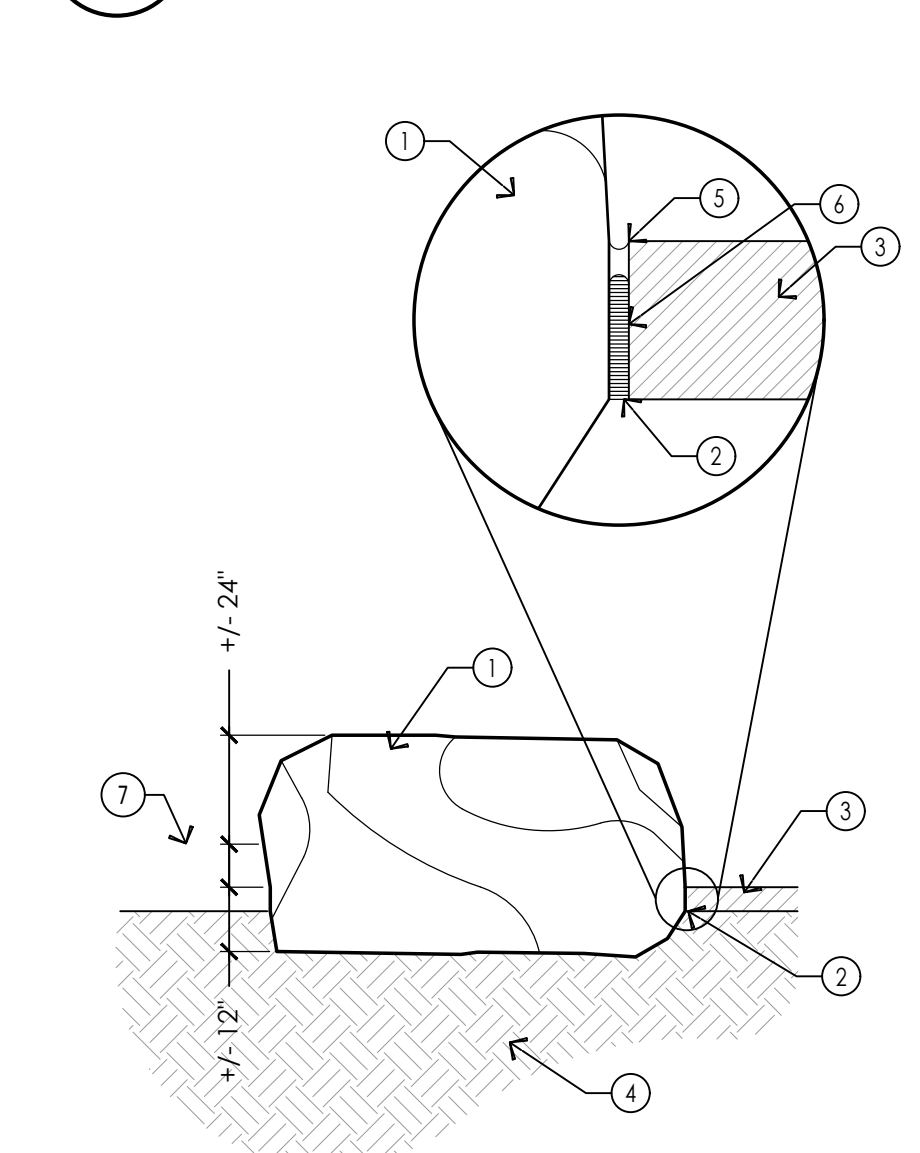
4 VEHICULAR CONCRETE

NTS



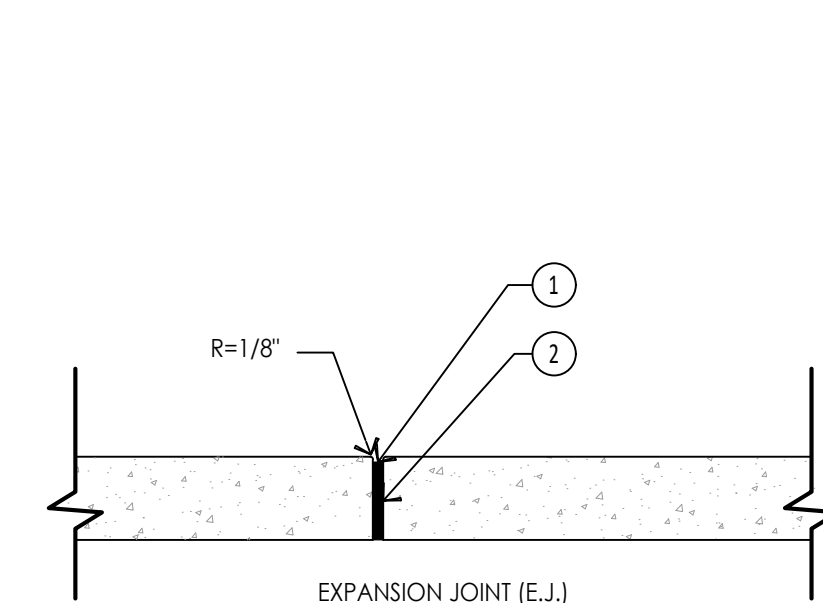
9 CURB & GUTTER - 24" CATCH

NTS



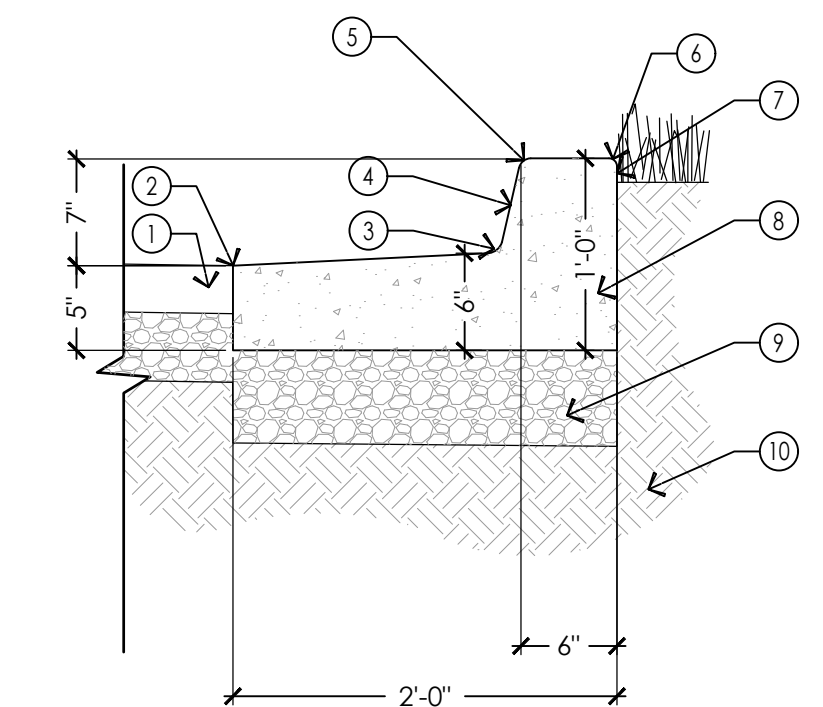
14 SITTING BOULDER

NTS



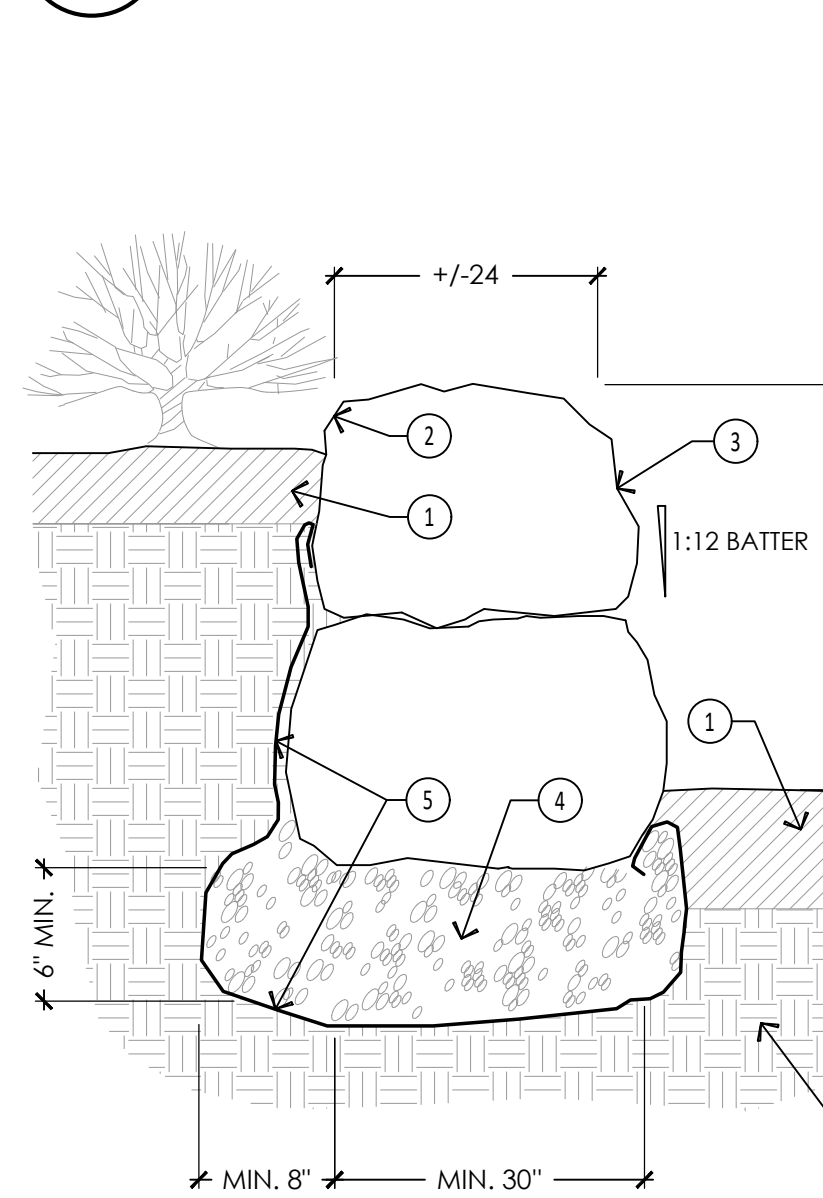
5 SIDEWALK JOINT DETAIL

NTS



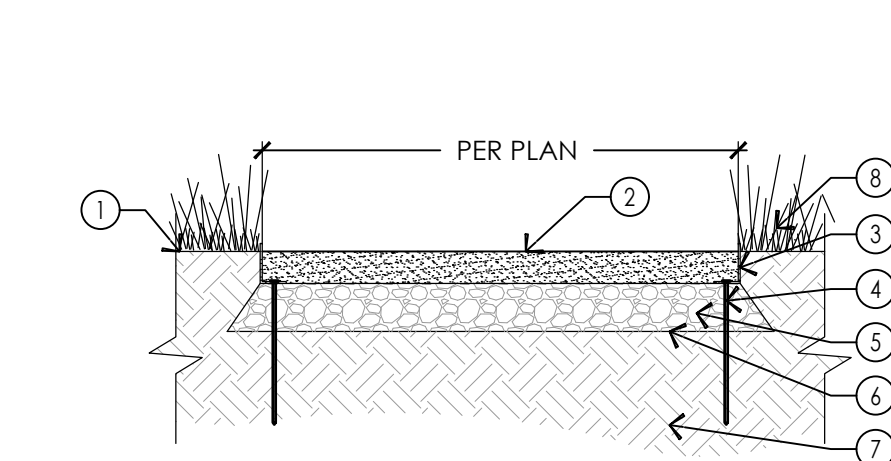
10 CURB & GUTTER - 24" SPILL

NTS



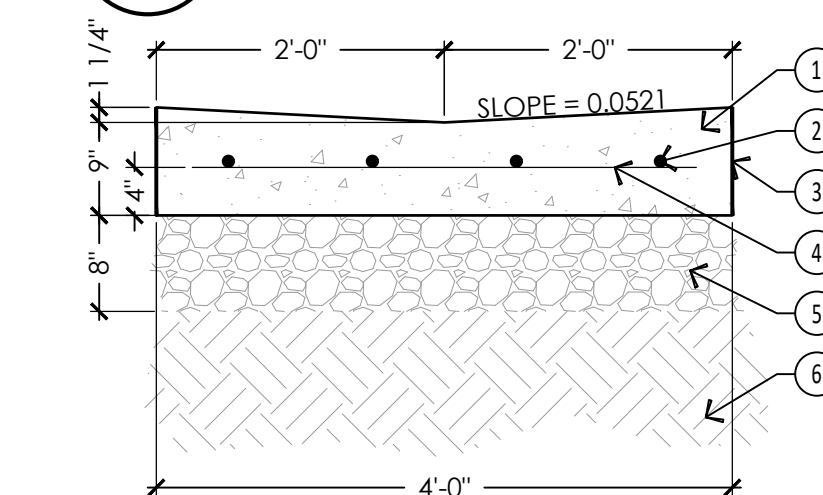
15 BOULDER WALL

NTS



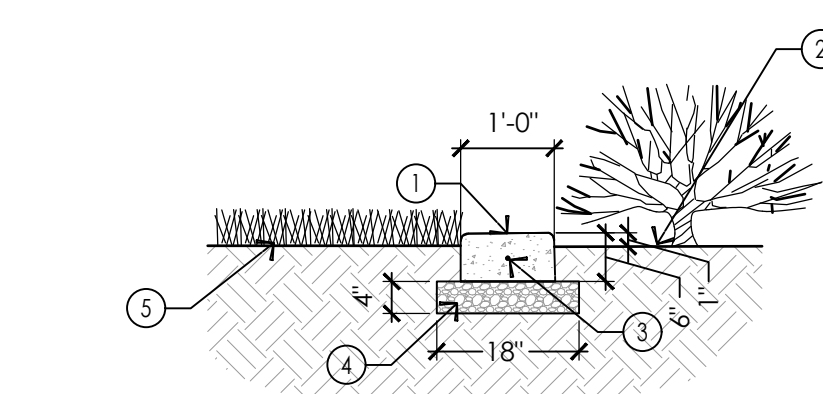
6 STONE DUST SURFACING

NTS



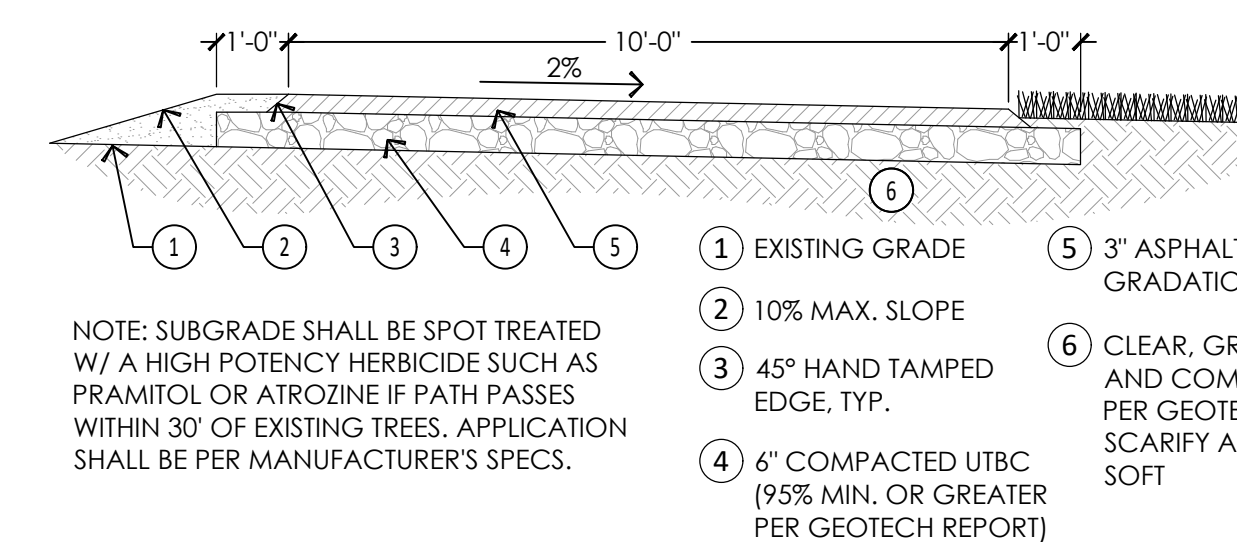
7 4' CONCRETE WATERWAY

NTS



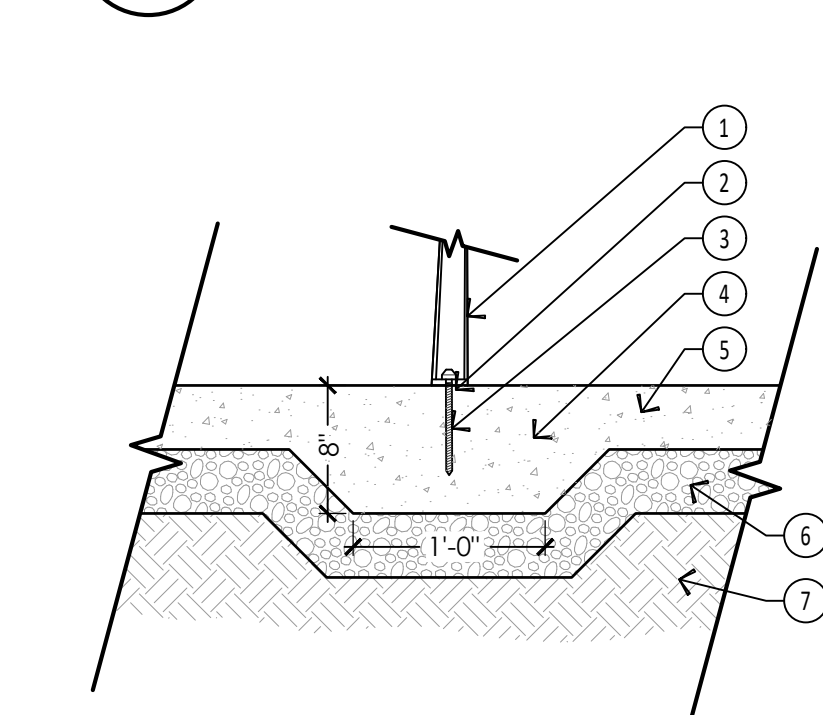
11 MOW CURB - 12"

NTS



12 ASPHALT - PEDESTRIAN PATH

NTS



NOTES:
1. ALL MOUNTS TO BE MINIMUM 12" FROM EDGE OF PAVING.
2. CENTER MOUNT ON FOOTING. USE MANUFACTURER'S HARDWARE OR EQUAL.
3. INSTALL ACCORDING TO MANUFACTURER'S INSTALLATION RECOMMENDATIONS.
4. BOLT TO BE EMBEDDED A MINIMUM OF 3" INTO CONCRETE FOOTING. FOOTING TO EXTEND A MINIMUM 6" FROM SIDES OF BOLT AND 3" FROM BOTTOM OF BOLT.

16 SITE FURNISHINGS CONCRETE SURFACE MOUNT

NTS

■ PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

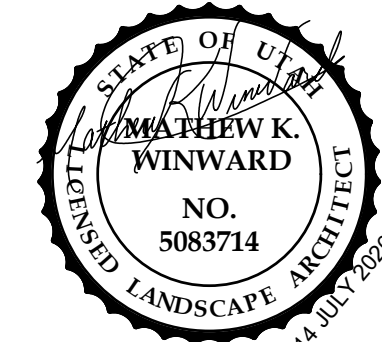
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:

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■ STAMP



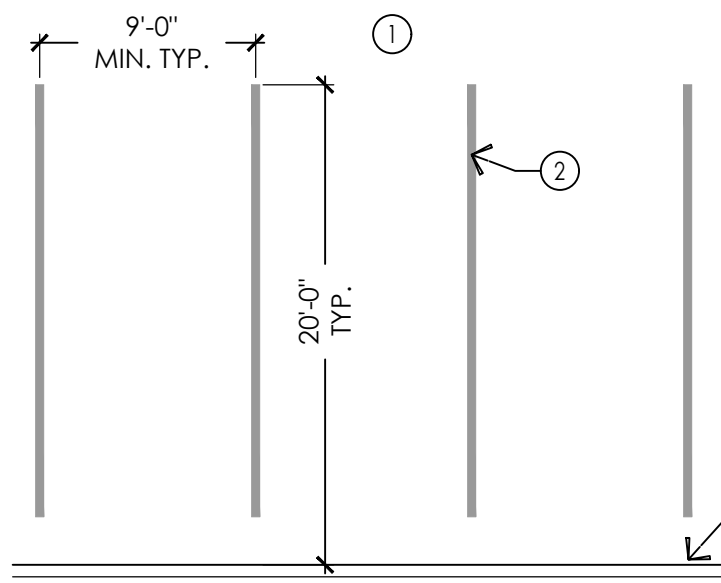
■ SHEET TITLE:
LAYOUT &
MATERIAL DETAILS

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

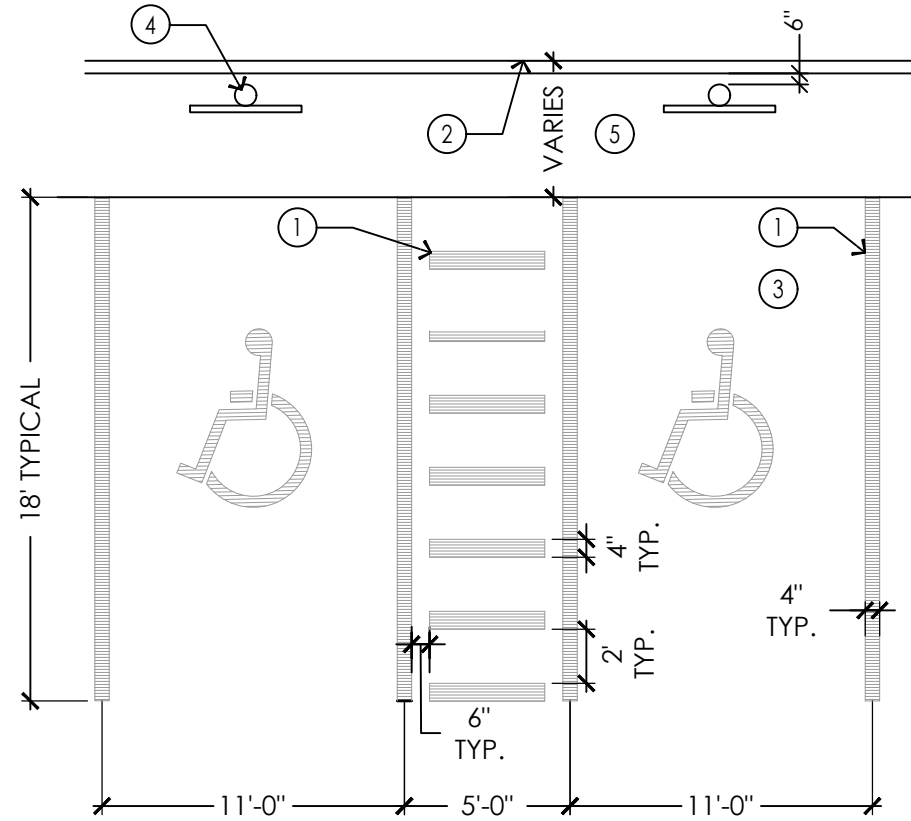
■ SHEET NO:

LM-501

CONSTRUCTION DOCUMENT - BID SET



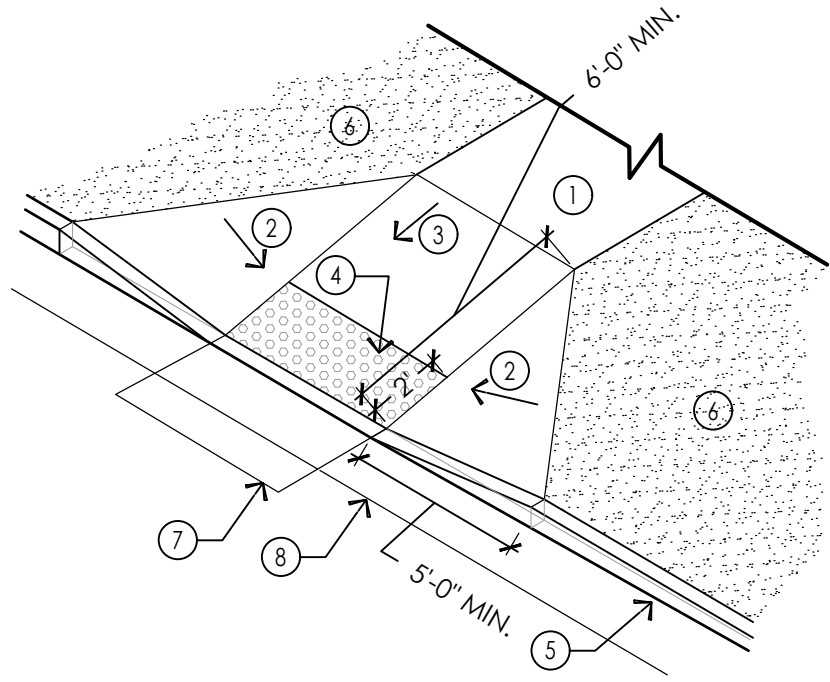
- 1 PAVING (SEE MATERIAL SCHEDULE)
- 2 4" WIDE PAINTED PAVEMENT STRIPING (SEE SPECS.)
- 3 CURB & GUTTER (SEE DETAILS)



- 1 PAINTED PAVEMENT STRIPING (SEE SPECS)
- 2 SIDEWALK EDGE OR CURB- SEE PLANS
- 3 PAVEMENT
- 4 INSTALL ADA PARKING SIGN (SEE DETAIL)
- 5 CONCRETE SIDEWALK

NOTE:

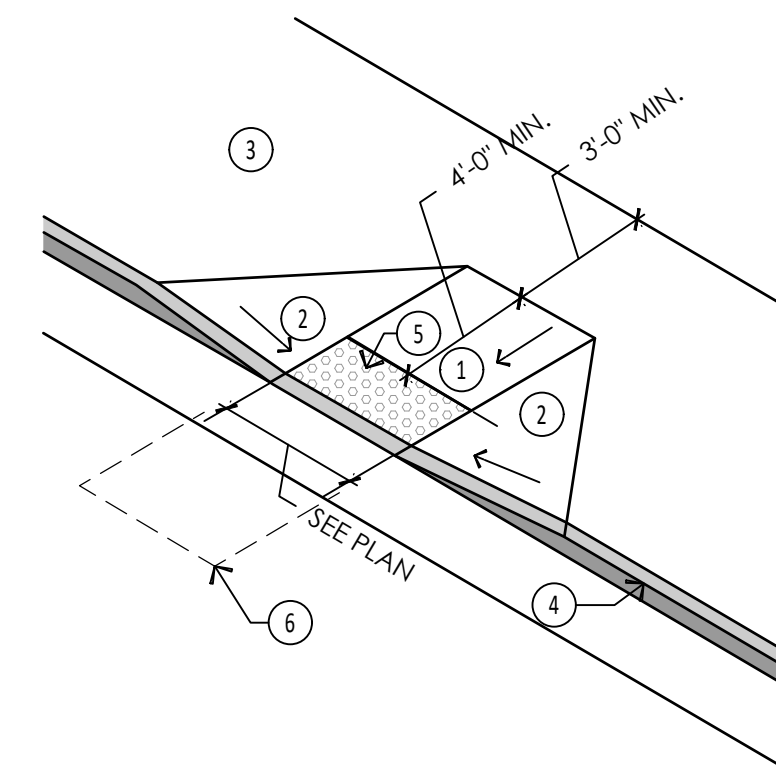
1. SIGN POST TO BE PLACED 6" FROM BACK OF CURB OR WALK OR AS INDICATED ON PLANS



- 1 SIDEWALK
- 2 1:10 MAXIMUM SLOPE
- 3 1:12 MAXIMUM SLOPE
- 4 DETECTABLE WARNING STRIP PLACED TO EXTEND FULL WIDTH OF PATH (SEE SPECS.)
- 5 6" CURB
- 6 MATERIAL PER PLANS
- 7 4 FEET SQUARE MINIMUM CLEAR SPACE (RUNNING SLOPE SHALL BE 5% MAXIMUM AND CROSS SLOPE SHALL BE SAME AS STREET GRADE)

NOTES:

1. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF CURB RAMP AND MIN. 2' DEEP.
2. DOME PATTERN SHALL BE IN-LINE WITH DIRECTION OF TRAVEL.



- 1 1:12 MAX. SLOPE
- 2 1:10 MAX. SLOPE
- 3 CONCRETE SIDEWALK
- 4 6" CURB
- 5 DETECTABLE WARNING STRIP
- 6 4 FEET SQUARE MINIMUM CLEAR SPACE (RUNNING SLOPE SHALL BE 5% MAXIMUM AND CROSS SLOPE SHALL BE SAME AS STREET GRADE)

NOTE:

1. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF CURB RAMP AND MIN. 2' DEEP. RAMP SHALL BE DIFFERENT COLOR (GRAY). 20% MINIMUM DIFFERENT SHADE, THAN REST OF SIDEWALK.

1 PARKING STALL

NTS

2 ADA UNIVERSAL PARKING

NTS

3 ADA RAMP - TYPE I

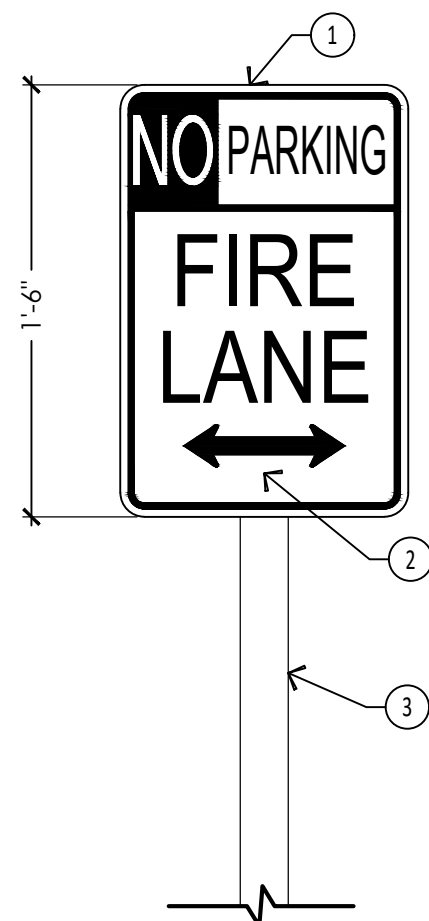
NTS

4 ADA RAMP - TYPE III

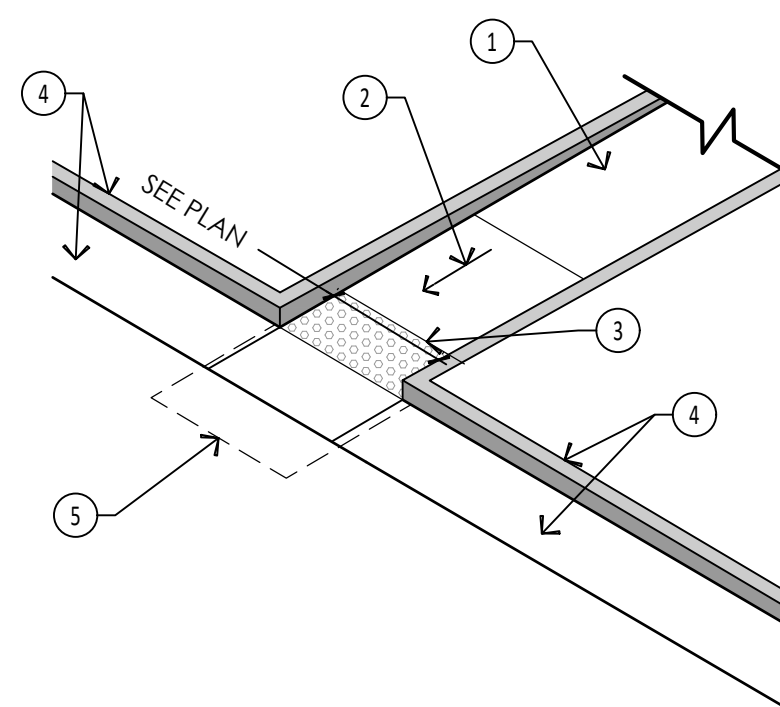
NTS



- 1 1/6 GA. STEEL SIGN PAINTED WITH REFLECTORIZED PAINT INCLUDING FASTENERS
- 2 (3) #10 X 3/4" SELF TAPPING VANDAL PROOF SCREWS
- 3 INTERNATIONAL DISABILITY SYMBOL PAINTED WITH REFLECTORIZED PAINT
- 4 1/6 GA. STEEL SIGN PAINTED W/ REFLECTORIZED PAINT INCLUDING FASTENERS, STATING 'VAN-ACCESSIBLE'
- 5 SIGN POST (SEE DETAIL)



- 1 1/6 GA. STEEL SIGN PAINTED WITH REFLECTORIZED PAINT INCLUDING FASTENERS, CONTRACTOR TO SUBMIT CUTSHEET OR SHOP DRAWING OF SIGN.
- 2 (3) #10 X 3/4" SELF TAPPING VANDAL PROOF SCREWS
- 3 SIGN POST (SEE DETAIL)

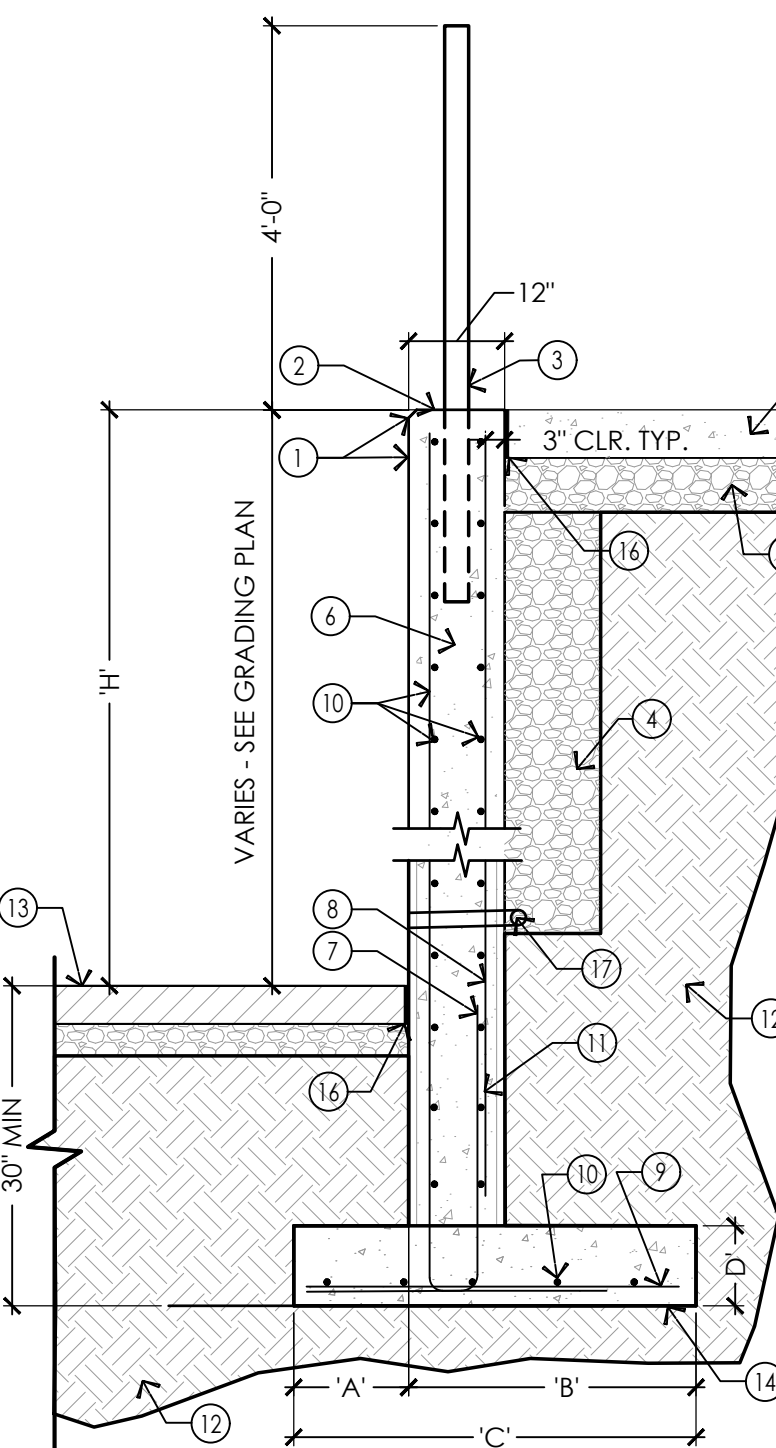


- 1 SIDEWALK. SEE PLANS
- 2 1:12 MAXIMUM SLOPE
- 3 DETECTABLE WARNING STRIP PLACED AT BACK OF CURB (SEE SPEC.).
- 4 CURB AND GUTTER
- 5 4' SQUARE MINIMUM CLEAR SPACE (RUNNING SLOPE SHALL BE 5% MAXIMUM AND CROSS SLOPE SHALL BE SAME AS STREET GRADE)

NOTES:

1. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACE THAT EXTEND THE FULL WIDTH OF CURB RAMP AND MIN. 2' DEEP.
2. DOME PATTERN SHALL BE IN-LINE WITH DIRECTION OF TRAVEL.

* DETAIL IS FOR REFERENCE ONLY. CONTRACTOR TO PROVIDE ENGINEERED DRAWINGS FOR RETAINING WALL AND GUARDRAIL. SEE GRADING PLAN, LG-101



- 1 3/4" CHAMFER ALL EDGED & CORNERS
- 2 TOP OF WALL ELEVATION - SEE GRADING PLANS
- 3 GUARDRAIL - SEE SPECS AND L&M LEGEND
- 4 MATERIAL AND DEPTH T.B.D. BY ENGINEER
- 5 CONCRETE WALK- SEE LAYOUT PLANS
- 6 CONCRETE WALL
- 7 'a' BARS
- 8 'b' BARS
- 9 'c' BARS
- 10 #4 REBAR @ 18" O.C.
- 11 LAP
- 12 UNDISTURBED SUBGRADE OR COMPACTED BACKFILL
- 13 MATERIAL PER PLANS- SEE LAYOUT MATERIALS PLANS
- 14 UNDISTURBED SUBGRADE OR COMPACTED STRUCTURAL FILL. SCARIFY AND RE-COMPACT EXISTING SOIL.
- 15 COMPACTED AGGREGATE (SEE SIDEWALK DETAIL)
- 16 EXPANSION JOINT - SEE DETAIL
- 17 WEEPHOLE T.B.D BY ENGINEER

NOTES:
1. INSTALL 3/4" V SHAPED CONTROL JOINT SPACED +/- 5'-0" O.C.

5 ADA SIGN

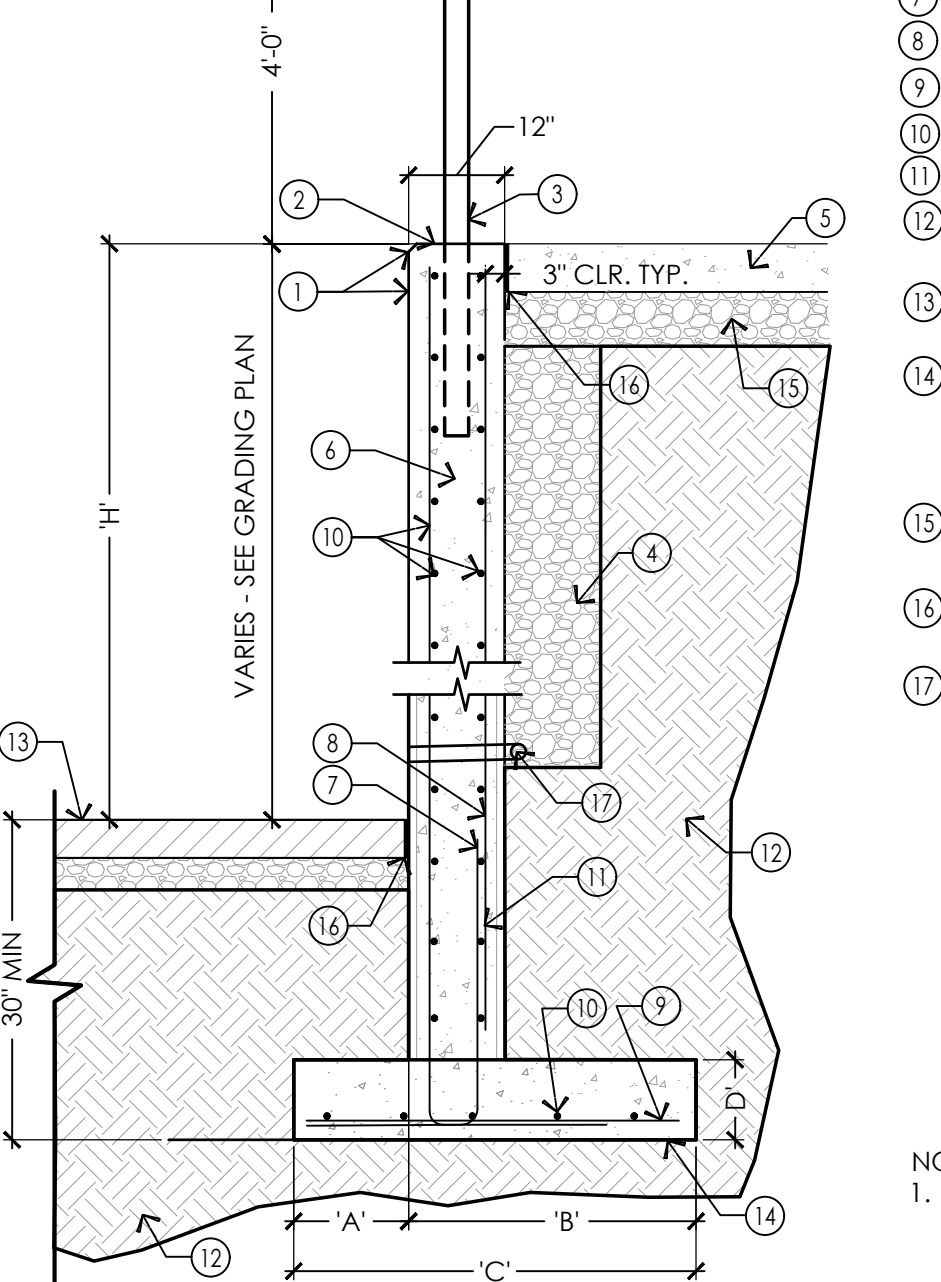
NTS

6 FIRE LANE - NO PARKING SIGN

NTS

7 ADA RAMP - TYPE VI

NTS



NOTES:
1. INSTALL 3/4" V SHAPED CONTROL JOINT SPACED +/- 5'-0" O.C.

8 ROOF DRAIN WITH CLEANOUT DETAIL

NTS

9 SEAT WALL - FREESTANDING

NTS

10 RETAINING WALL < 4'

NTS

11 RETAINING WALL WITH GUARDRAIL

NTS

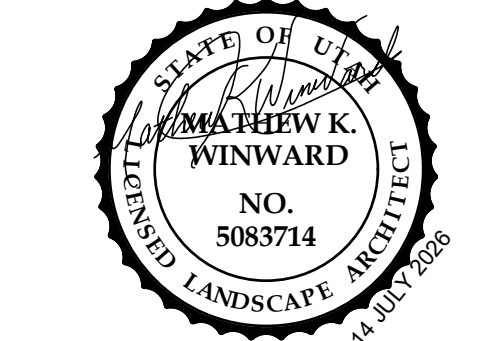
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

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SHEET TITLE:

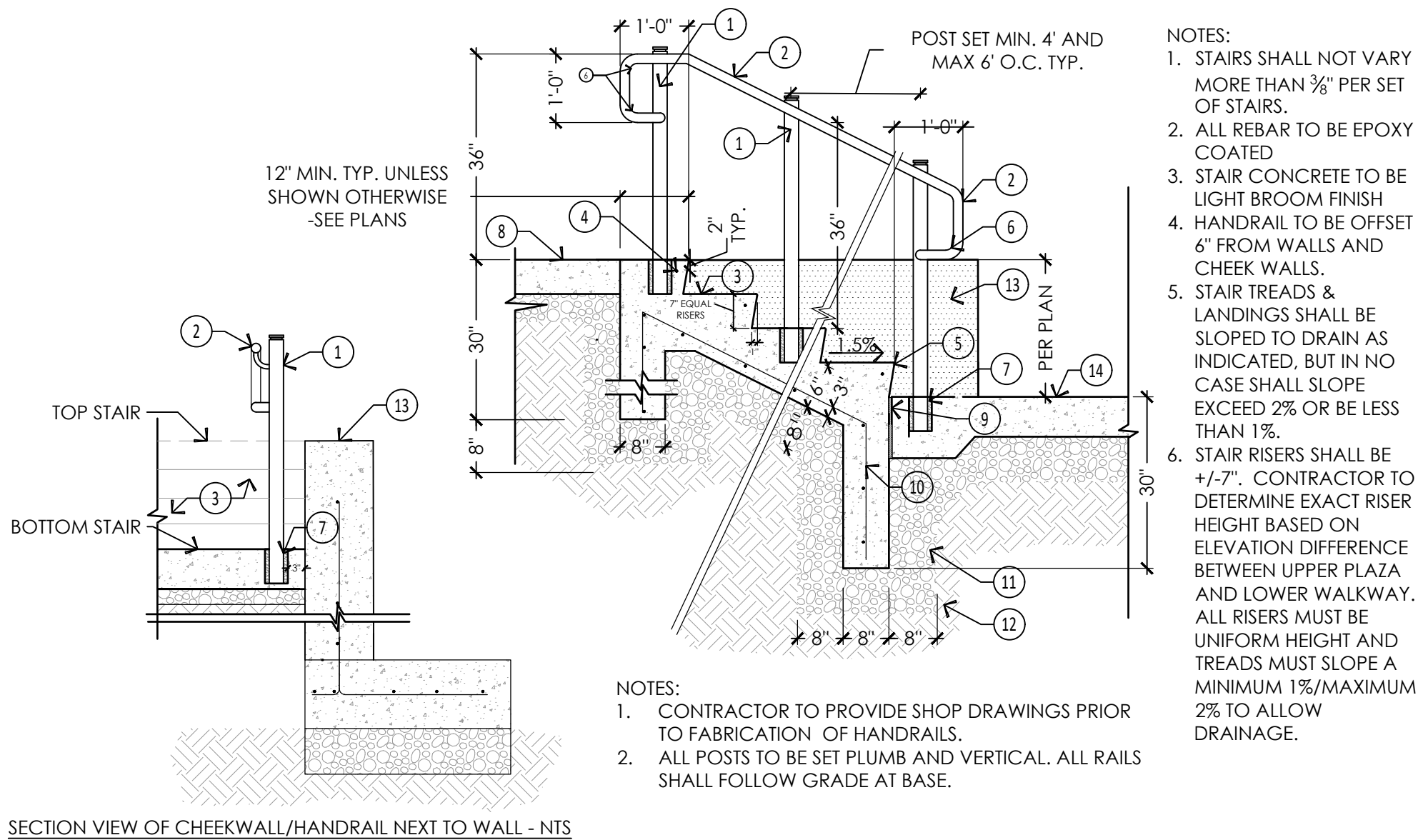
LAYOUT &
MATERIAL DETAILS

- DATE: 5-29-2026
- DRAWN BY: JLH
- CHECKED BY: MKW/JKW
- JOB NO.: U24-028

SHEET NO:

LM-502

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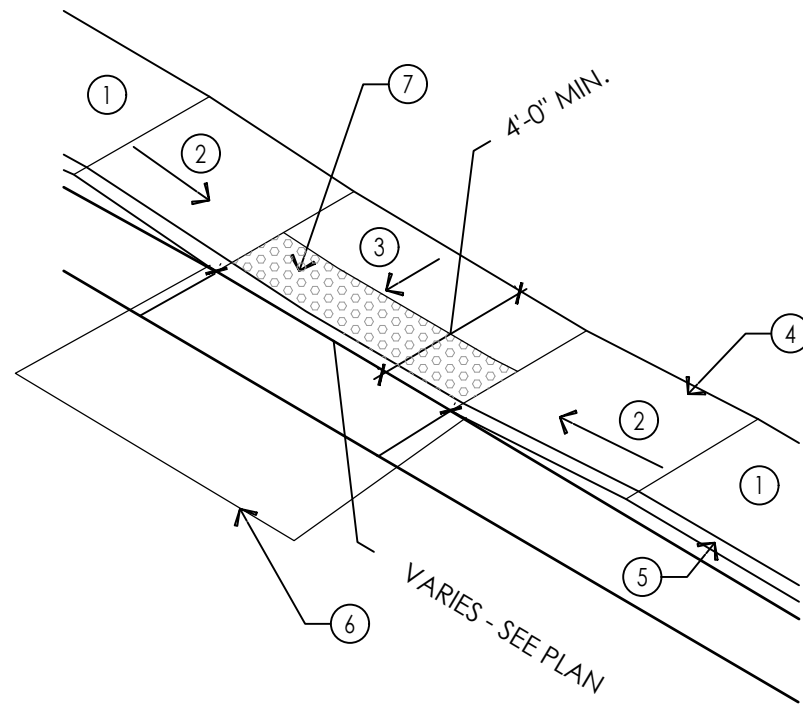
1 STAIRWAY WITH RAILING

NTS

NOTES:

1. STAIRS SHALL NOT VARY MORE THAN $\frac{3}{8}$ " PER SET OF STAIRS.
2. ALL REBAR TO BE EPOXY COATED
3. STAIR CONCRETE TO BE LIGHT BROOM FINISH
4. HANDRAIL TO BE OFFSET 6" FROM WALLS AND CHEEK WALLS.
5. STAIR TREADS & LANDINGS SHALL BE SLOPED TO DRAIN AS INDICATED, BUT IN NO CASE SHALL SLOPE EXCEED 2% OR BE LESS THAN 1%.
6. STAIR RISERS SHALL BE +/- 7". CONTRACTOR TO DETERMINE EXACT RISER HEIGHT BASED ON ELEVATION DIFFERENCE BETWEEN UPPER PLAZA AND LOWER WALKWAY. ALL RISERS MUST BE UNIFORM HEIGHT AND TREADS MUST SLOPE A MINIMUM 1%/MAXIMUM 2% TO ALLOW DRAINAGE.

- 1 2.5" SQUARE STAINLESS STEEL HANDRAIL POST WITH 3/8" SS PLATE CAP. GRIND ALL WELDS SMOOTH. SEE SPECS.
- 2 1.66" O.D. STAINLESS STEEL HANDRAIL. GRIND ALL WELDS SMOOTH. SEE SPECS.
- 3 CAST-IN-PLACE CONCRETE STEPS. NUMBER OF RISERS VARY (SEE LAYOUT & GRADING PLANS)
- 4 #4 REBAR NOSING BAR, TYP.
- 5 1/2" RADIUS, TYPICAL.
- 6 3"R, TYP.
- 7 POST TO BE EMBEDDED 6" MIN. DRILL 4" DIA. HOLES 3" FROM EDGES CONCRETE. FILL WITH NON-SHRINK GROUT AND SLOPE AWAY FROM POST FOR DRAINAGE TYP.
- 8 CONCRETE BORDER AT PLAZA
- 9 EXPANSION JOINT, TYP.
- 10 #4 REBAR @ 12" O.C. BOTH WAYS.
- 11 COMPACTED UTBC (95%)
- 12 UNDISTURBED SUB-GRADE OR COMPACTED STRUCTURAL FILL
- 13 CONCRETE WALL. SEE DETAIL
- 14 CONCRETE WALKWAY. SEE DETAIL.



2 ADA RAMP - TYPE IV

NTS

- 1 SIDEWALK
- 2 1:12 MAXIMUM SLOPE
- 3 2% CROSS SLOPE MAXIMUM
- 4 SIDEWALK TRANSITION
- 5 6" CURB
- 6 4 FT. SQUARE MINIMUM CLEAR SPACE (RUNNING SLOPE SHALL BE 5% MAXIMUM AND CROSS SLOPE SHALL BE SAME AS STREET GRADE.
- 7 DETECTABLE WARNING STRIP PLACED AT BOTTOM OF RAMP (SEE SPECS).

NOTES:

1. ALL SIDEWALK CURB RAMPS SHALL HAVE DETECTABLE WARNING SURFACES THAT EXTEND THE FULL WIDTH OF CURB RAMP AND MIN. 2' DEEP.
2. DOME PATTERN SHALL BE IN-LINE WITH DIRECTION OF TRAVEL.

PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

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SHEET TITLE:

LAYOUT & MATERIAL DETAILS

- DATE: 5-29-2026
- DRAWN BY: JLH
- CHECKED BY: MKW/JKW
- JOB NO.: U24-028

SHEET NO:

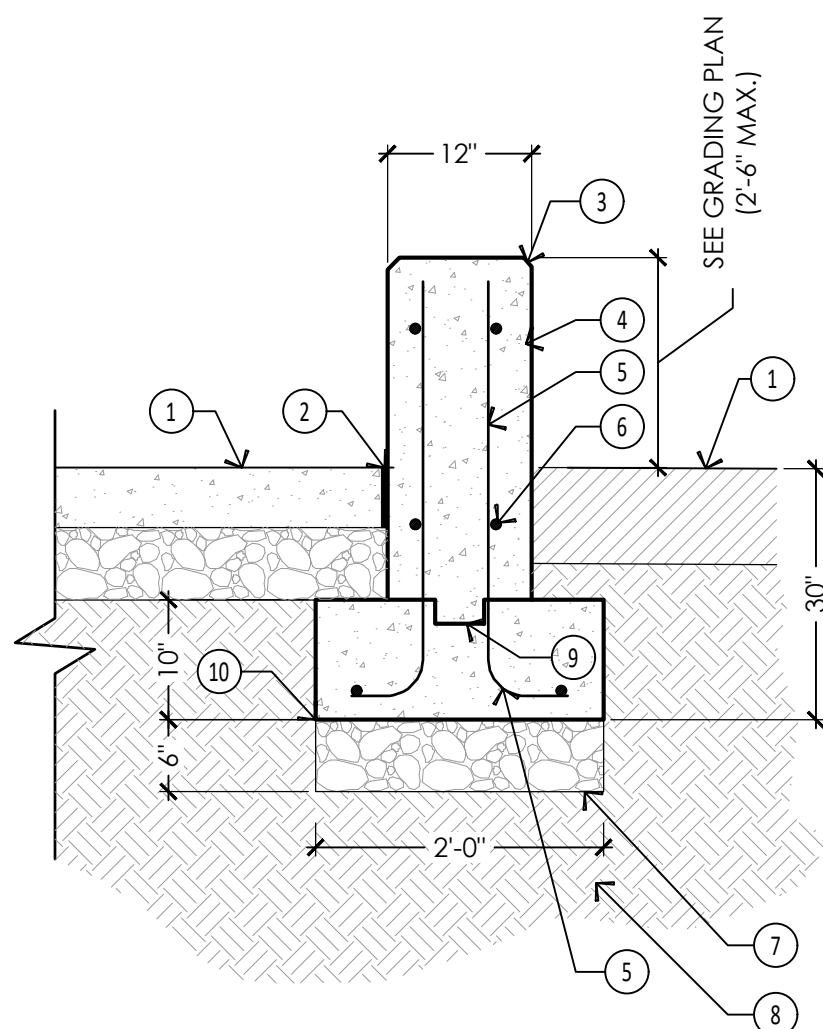
LM-503

CONSTRUCTION DOCUMENT - BID SET

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1 SKATE DETERRENT

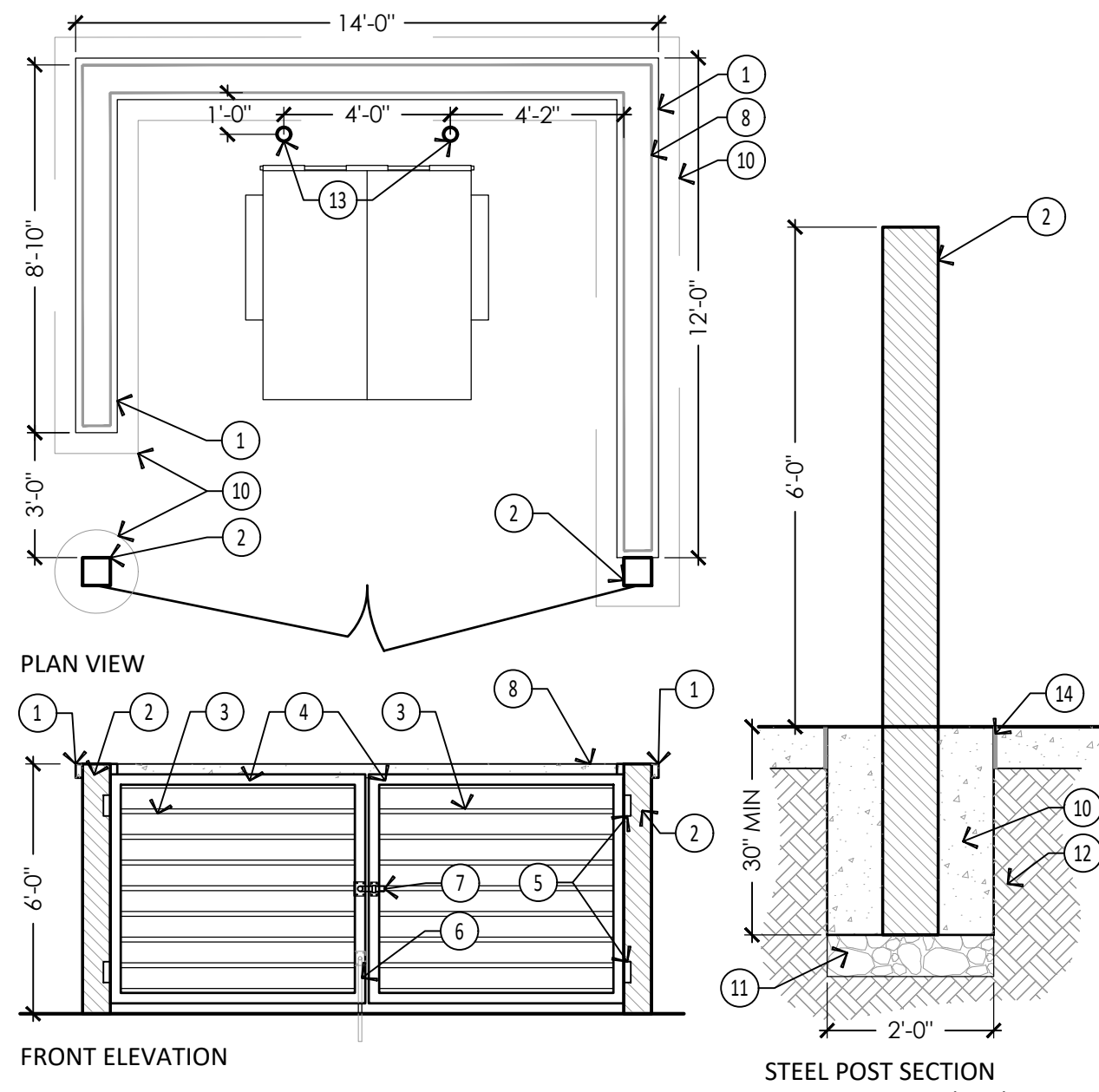
3/4" = 1'-0"



- 1 MATERIAL PER PLAN
 - 2 EXPANSION JOINT WHEN ABUTTING CONCRETE
 - 3 3/4" CHAMFERED EDGE (ALL SIDES)
 - 4 CONCRETE WALL
 - 5 #4 REBAR @ 12" O.C. VERTICAL EACH FACE TYP. ALTERNATE DOWEL BENDS INTO FOOTING
 - 6 #3 REBAR @ 16" O.C. HORIZONTAL, EACH FACE
 - 7 6" COMPACTED UTBC (95% MIN. OR GREATER PER GEOTECH REPORT)
 - 8 UNDISTURBED OR COMPACTED SUBGRADE AS PER GEOTECH REPORT
 - 9 4"x4" KEYWAY
 - 10 FINISH GRADE TO BOTTOM OF FOOTING TO BE 30" MIN.
- NOTE: 3/4" V-NOTCH CONTROL JOINT SPACED EVENLY ALONG WALL AT MIN. 10' O.C.

2 DUMPSTER ENCLOSURE

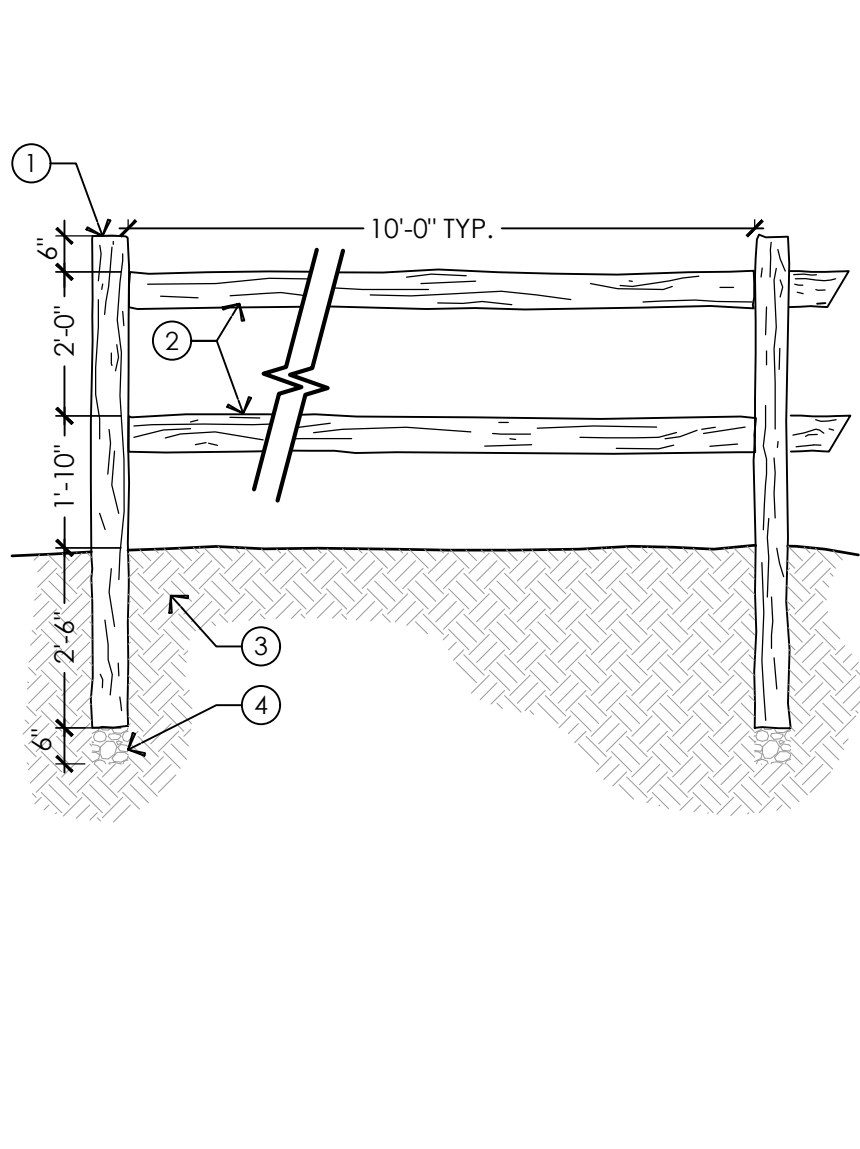
NTS



- 1 4" THICK PRECAST CONCRETE CAP
 - 2 8"x8" POWDER COATED TUBE STEEL POST FOR GATE.
 - 3 2"x4" STEEL TUBING WELDED TO FRAME, POWDER COATED. CONTRACTOR TO SUBMIT SHOP DRAWINGS
 - 4 3"x2" STEEL TUBING FRAME POWDER COATED.
 - 5 GATE HINGE
 - 6 GATE STOP - DROP PIN IN SLEEVE (INSTALL ON INSIDE OF GATE)
 - 7 GATE LATCH
 - 8 SPLITFACE CMU BLOCK WALL
 - 9 MATERIAL PER PLANS
 - 10 CONCRETE FOOTING
 - 11 COMPACTED UTBC (95%)
 - 12 UNDISTURBED OR COMPACTED SUBGRADE
 - 13 4" METAL BOLLARD POWDER COATED
 - 14 EXPANSION JOINT, TYP.
 - 15 (2) #5 TOP BOND BEAM
 - 16 #5 @ 48" O.C. MAX. GROUT CELLS
 - 17 #5 @ 32" O.C. VERTICAL, GROUT CELLS
 - 18 #5, BOTTOM COURSE, GROUT CELLS
 - 19 30" MIN LAP
 - 20 #4 @ 12" O.C. TRANSVERSE
 - 21 (3) #4 CONTINUOUS
- NOTES:
1. THIS DETAIL IS FOR DESIGN INTENT ONLY. CONTRACTOR TO SUBMIT SHOP DRAWINGS. ALL MATERIALS TO BE DETERMINED BY OWNER.
2. ALL STEEL TO BE POWDER COATED. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR FINAL APPROVAL.
3. ALL HARDWARE TO MATCH STEEL COLOR.
4. FINAL FINISHES AND COLORS TO BE DETERMINED BY PROVO CITY.

3 SPLIT RAIL FENCE

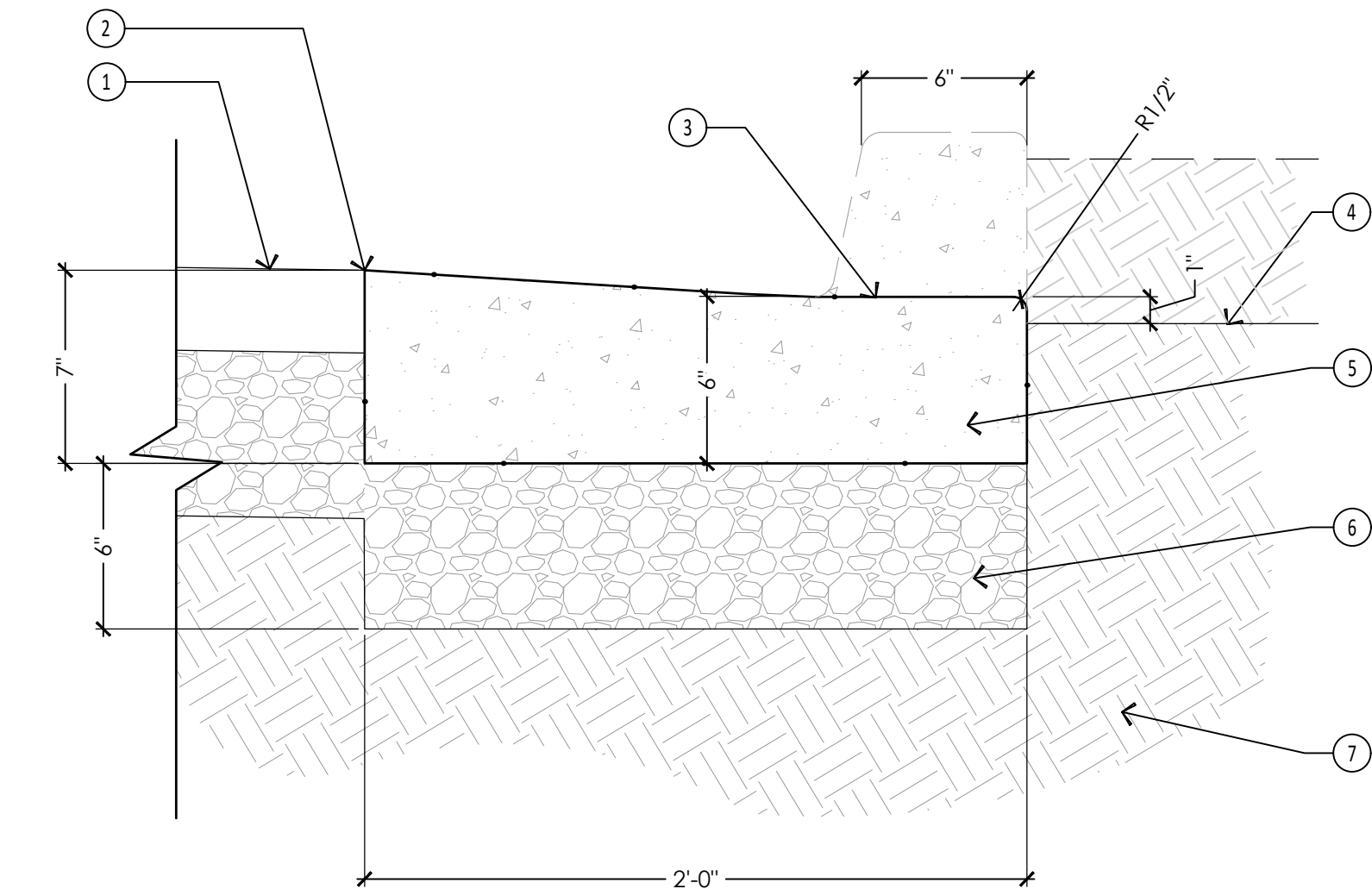
NTS



- 1 6"x9" SPLIT CEDAR POST DRILL HOLES IN POSTS FOR RAIL
 - 2 6"x9" SPLIT CEDAR POSTS
 - 3 UNDISTURBED SUBGRADE
 - 4 6" AGGREGATE BASE
- NOTES:
DIMENSIONS TAKEN FROM TOP OF RAIL UNLESS OTHERWISE NOTED

4 LOW IMPACT DEVELOPMENT CURB CUTS

NTS

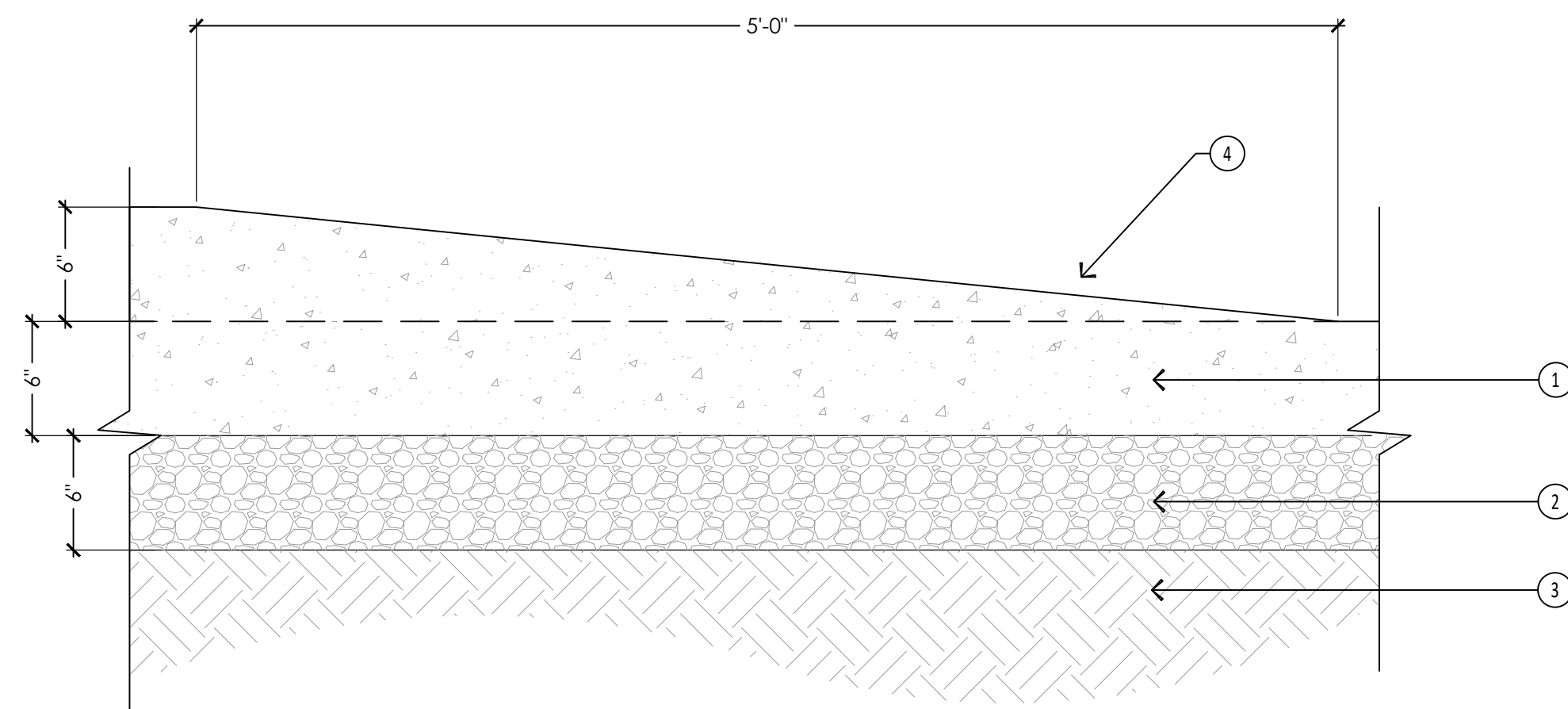


- 1 PAVEMENT (SEE MATERIAL SCHEDULE)
- 2 TACK COAT IF ASPHALT PAVING; EXPANSION JOINT IF CONCRETE PAVING
- 3 CURB SLOPED DOWN TO FLUSH TO PROVIDE CONNECTION TO BIOSWALE
- 4 FINISHED GRADE
- 5 CONCRETE CURB & GUTTER
- 6 COMPACTED UTBC (95% MIN. OR GREATER PER GEOTECH REPORT)
- 7 COMPACTED SUBGRADE AS PER GEOTECH REPORT

NOTES:
1. SEE PLANS FOR CURB AND GUTTER LOCATIONS.

5 LOW IMPACT DEVELOPMENT CURB CUTS - PROFILE VIEW

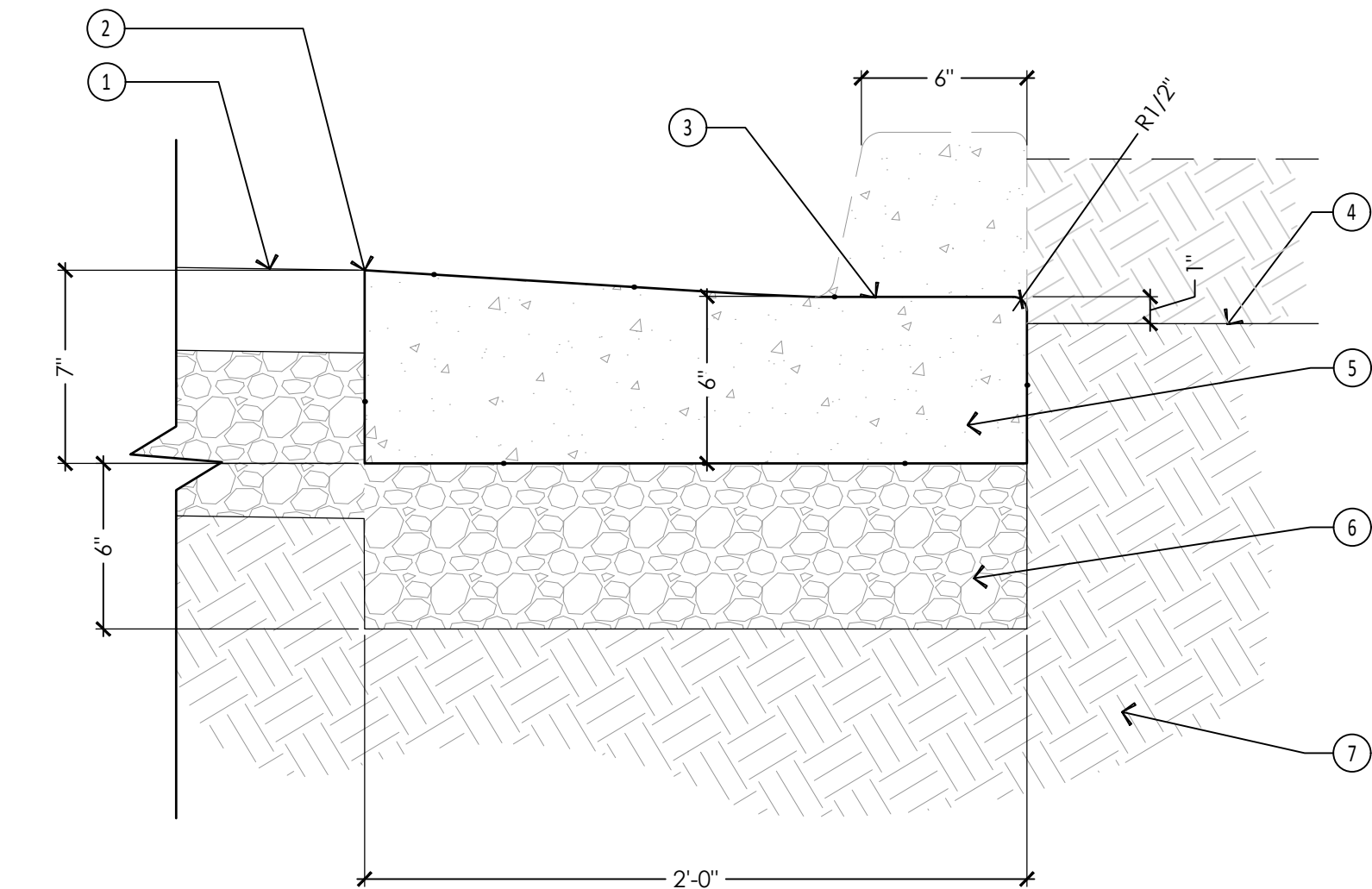
NTS



- 1 CONCRETE CURB & GUTTER
- 2 COMPACTED UTBC (95% MIN. OR GREATER PER GEOTECH REPORT)
- 3 COMPACTED SUBGRADE AS PER GEOTECH REPORT
- 4 CURB CUT DOWN DOWN TO FLUSH WITH GRADE OF ASPHALT AT SLOPE OF 1:10

6 LOW IMPACT DEVELOPMENT CURB CUTS - FRONT VIEW

NTS

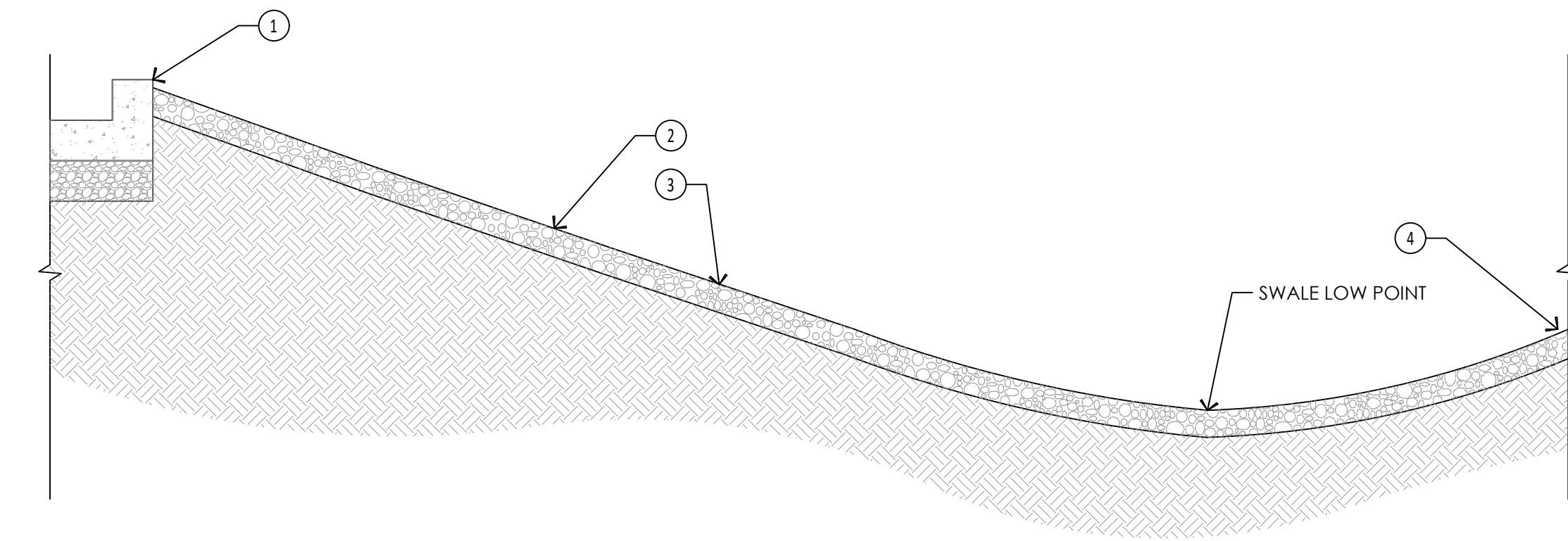


- 1 PAVEMENT (SEE MATERIAL SCHEDULE)
- 2 TACK COAT IF ASPHALT PAVING; EXPANSION JOINT IF CONCRETE PAVING
- 3 CURB SLOPED DOWN TO FLUSH TO PROVIDE CONNECTION TO BIOSWALE
- 4 FINISHED GRADE
- 5 CONCRETE CURB & GUTTER
- 6 COMPACTED UTBC (95% MIN. OR GREATER PER GEOTECH REPORT)
- 7 COMPACTED SUBGRADE AS PER GEOTECH REPORT

NOTES:
1. SEE PLANS FOR CURB AND GUTTER LOCATIONS.

7 SOUTH PARKING LOT SWALE

NTS



- 1 CURB & GUTTER - SEE DETAIL
- 2 SLOPE
- 3 SEE GRADING PLAN
- 4 MATERIAL PER PLANS

CONSTRUCTION DOCUMENT - BID SET

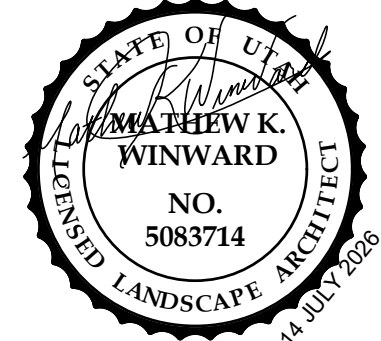
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

REVISIONS:

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SHEET TITLE: LAYOUT & MATERIAL DETAILS

DATE: 5-29-2026
DRAWN BY: JLH
CHECKED BY: MKW/JKW
JOB NO.: U24-028

SHEET NO:

LM-504

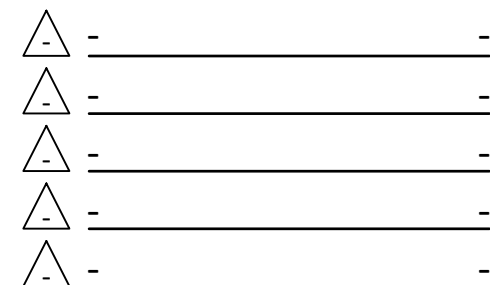
■ PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

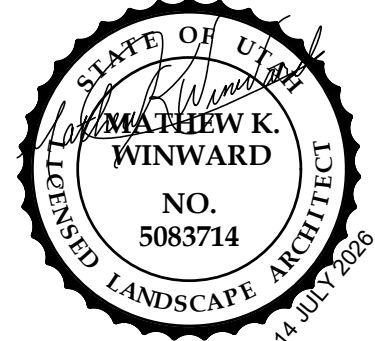
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:



■ STAMP



■ SHEET TITLE:

PAVILION
LAYOUT &
MATERIAL DETAILS

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

■ SHEET NO:

LM-505

DESIGN INTENT ONLY
CONTRACTOR TO PROVIDE
SHOP DRAWINGS

LP-103 B

SHEET
LP-101

SHEET
LP-102

SHEET
LP-103 A

PROVO RIVER TRAIL

PLAYGROUND

BASEBALL FIELDS

GENEVA ROAD

LP-103 B

SHEET
LP-101

SHEET
LP-102

SHEET
LP-103 A

PROVO RIVER TRAIL

PLAYGROUND

BASEBALL FIELDS

GENEVA ROAD

LP-103 B

SHEET
LP-101

SHEET
LP-102

SHEET
LP-103 A

PROVO RIVER TRAIL

PLAYGROUND

BASEBALL FIELDS

GENEVA ROAD

LP-103 B

SHEET
LP-101

SHEET
LP-102

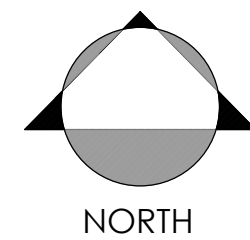
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LP-103 A

PROVO RIVER TRAIL

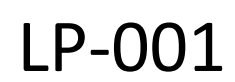
PLAYGROUND

BASEBALL FIELDS

GENEVA ROAD



CONSTRUCTION DOCUMENT - BID SET



200 N. GENEVA ROAD
PROVO, UT 84601

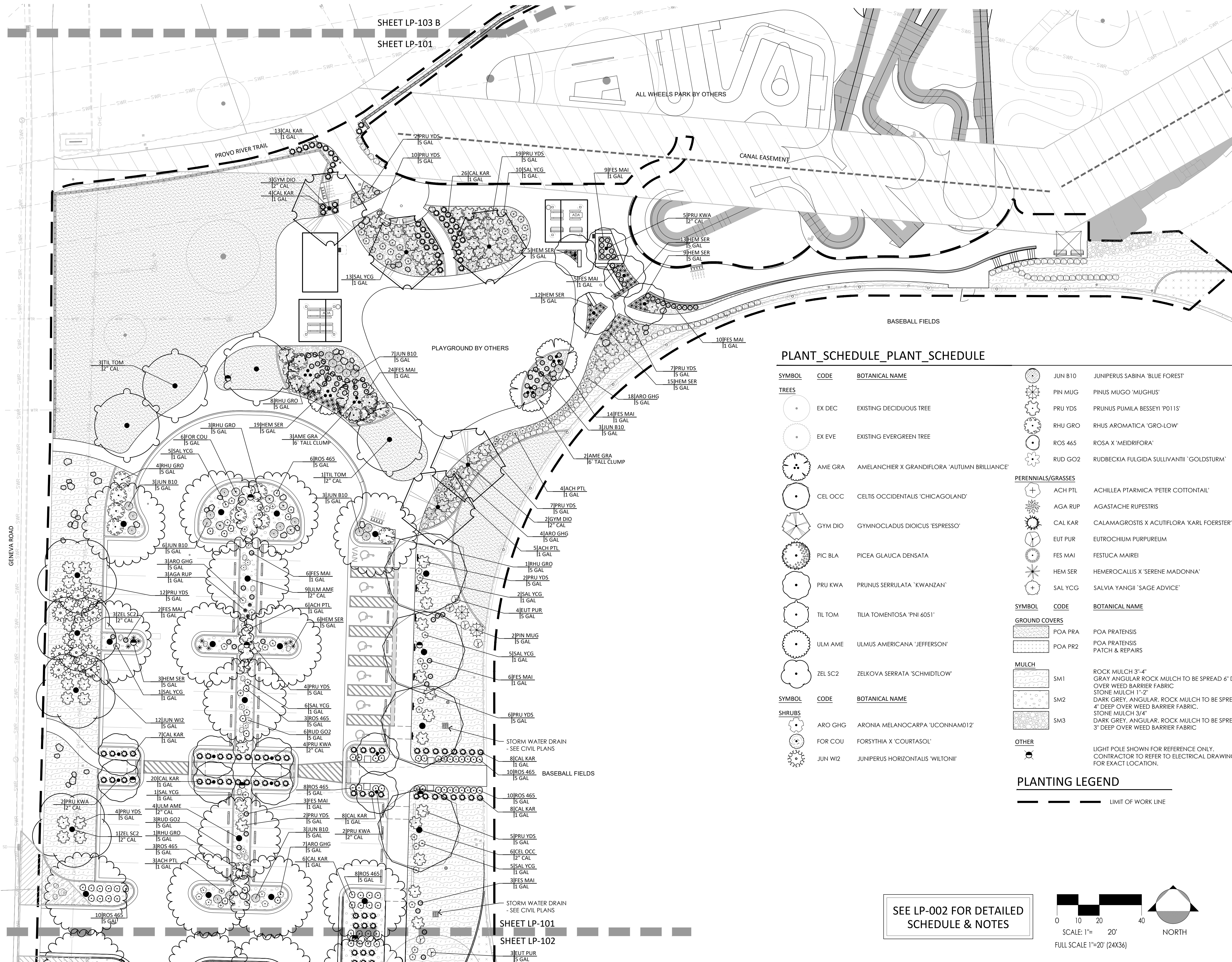
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STATE OF UTAH
 MATTHEW K. WINWARD
 NO. 5083714
 LICENSED LANDSCAPE ARCHITECT
 14 JULY 2020

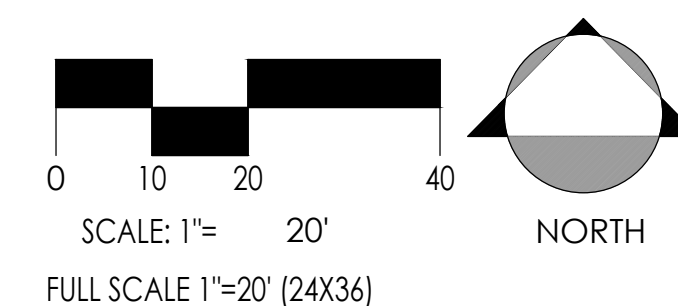
■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

LP-101

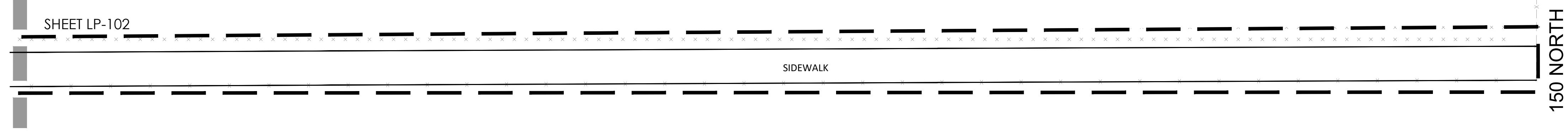
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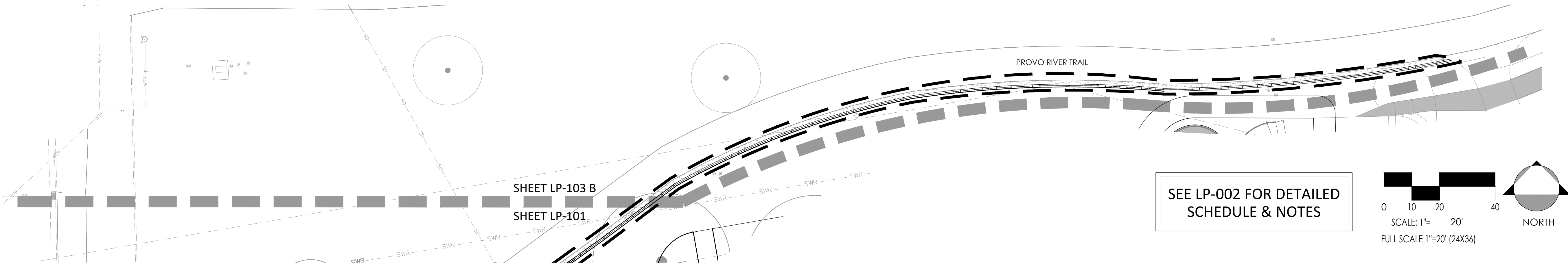


SEE LP-002 FOR DETAILED
SCHEDULE & NOTES



CONSTRUCTION DOCUMENT - BID SET





<u>SYMBOL</u>	<u>CODE</u>	<u>BOTANICAL NAME</u>
<u>TREES</u>		
	EX DEC	EXISTING DECIDUOUS TREE
	EX EVE	EXISTING EVERGREEN TREE
	AME GRA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'
	CEL OCC	CELTIS OCCIDENTALIS 'CHICAGOLAND'
	GYM DIO	GYMNOCLADUS DIOICUS 'ESPRESSO'
	PIC BLA	PICEA GLAUCA DENSATA
	PRU KWA	PRUNUS SERRULATA 'KWANZAN'
	TIL TOM	TILIA TOMENTOSA 'PNI 6051'
	ULM AME	ULMUS AMERICANA 'JEFFERSON'
	ZEL SC2	ZELKOVA SERRATA 'SCHMIDTLOW'
<u>SHRUBS</u>		
	ARO GHG	ARONIA MELANOCARPA 'UCONNAM012'
	FOR COU	FORSYTHIA X 'COURTASOL'
	JUN W12	JUNIPERUS HORIZONTALIS 'WILTONII'

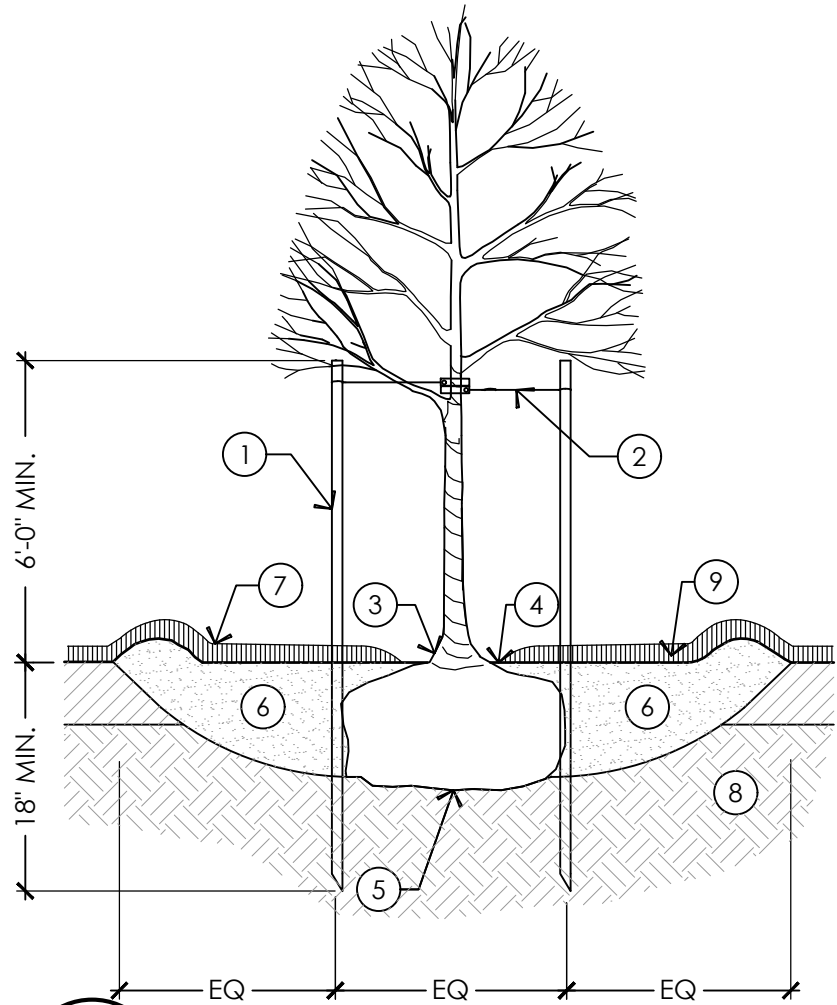
PLANTING LEGEND

CONSTRUCTION DOCUMENT - BID SET

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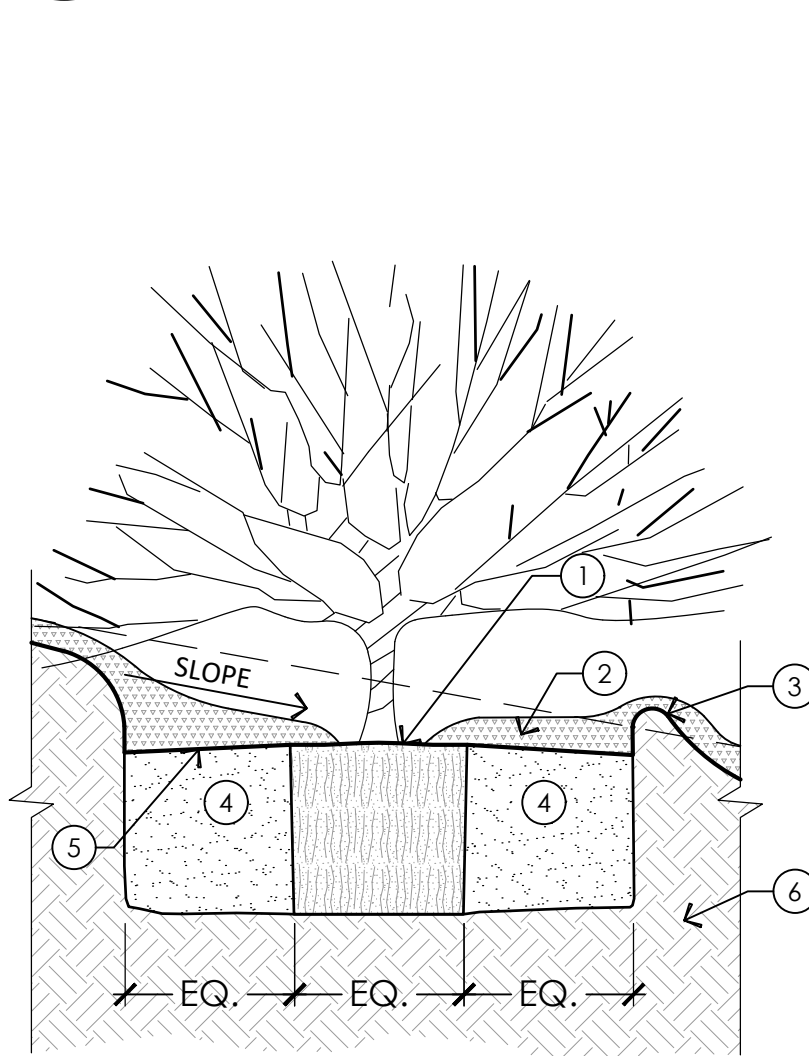
NOTES:

1. INSTALL TREE PLUMB
2. FOR ALL FALL PLANTING, WRAP TRUNK TO LOWEST BRANCH. REMOVE THE FOLLOWING SPRING.



1 DECIDUOUS TREE WITH STAKING
NTS

- 1 2" DIA. (ROUND) FIR POSTS; 2 PER TREE; ALL POSTS SHALL BE PLUMB AND HAVE SAME HEIGHT ABOVE FINISH GRADE
- 2 TREE TIE - SEE SPECS FOR TYPE AND ATTACHMENT.
- 3 TOP OF ROOTBALL SHALL BE 1"-2" ABOVE FINISHED GRADE
- 4 ROOT FLARE SHALL BE EXPOSED; MULCH SHOULD NOT BE WITHIN 4" OF TREE TRUNK
- 5 PLACE ROOTBALL ON UNDISTURBED SUBSOIL. CUT AND REMOVE WIRE BASKET AND BURLAP/OTHER WRAPPING MATERIALS.
- 6 EXCAVATE HOLE TO DIAMETER 3X WIDER THAN ROOTBALL. BACKFILL WITH PLANTING SOIL MIX
- 7 TYPE & MULCH, DEPTH AS SPECIFIED
- 8 UNDISTURBED SUBGRADE
- 9 5' DIA. DEPRESSED WATERING BASIN



5 SHRUB ON SLOPE
NTS

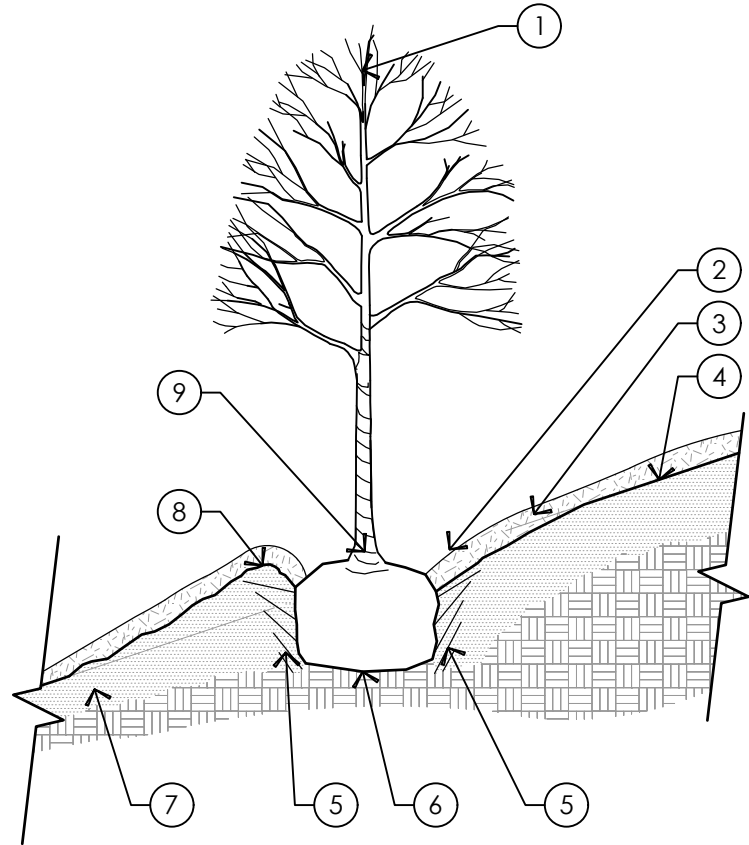
- 1 PLACE TOP OF ROOTBALL FLUSH WITH FINISHED GRADE
- 2 MULCH TYPE & DEPTH AS SPECIFIED
- 3 BERM TO FORM DEPRESSED WATERING BASIN
- 4 PLANTING SOIL MIX (SEE SPECS)
- 5 FINISHED GRADE
- 6 UNDISTURBED SUBGRADE

NOTES:

1. PLACE BALL ON UNDISTURBED SUBGRADE. REMOVE AND DISCARD WRAPPING MATERIAL.
2. SETTLE PLANT BY FILLING PLANTING PIT WITH WATER USING HOSE OR BUCKET.
3. MULCH SHOULD NOT BE WITHIN 4" OF TRUNK.

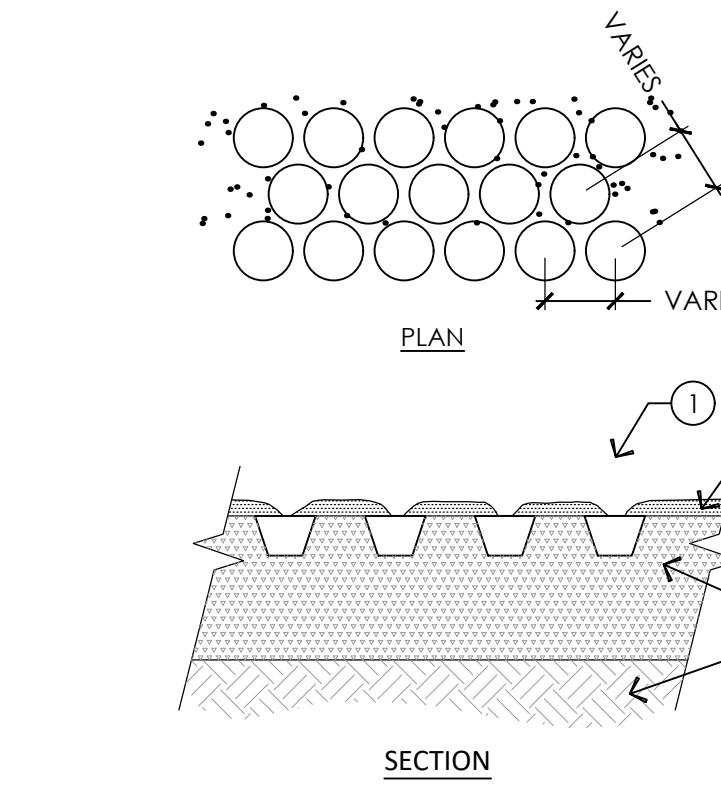
NOTES:

1. TREES SHALL BE OF QUALITY PRESCRIBED IN CROWN OBSERVATIONS AND ROOT OBSERVATIONS DETAILS AND SPECIFICATIONS.
2. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS RELATED TO THIS DETAIL



2 TREE ON SLOPE
NTS

- 1 CENTRAL LEADER.
- 2 ORIGINAL SLOPE SHOULD PASS THROUGH THE POINT WHERE THE TRUNK BASE MEETS SUBSTRATE/SOIL.
- 3 LAYER OF MULCH. SEE PLANTING PLAN FOR MULCH DEPTH. NO MORE THAN 1" OF MULCH ON TOP OF ROOT BALL.
- 4 ORIGINAL GRADE.
- 5 PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND ROOT BALL IN 6" LIFTS TO BRACE TREE. DO NOT OVER COMPACT. WHEN THE PLANTING HOLE HAS BEEN BACKFILLED, POUR WATER AROUND THE ROOT BALL TO SETTLE THE SOIL.
- 6 PLACE ROOT BALL ON UNDISTURBED SUBSOIL. CUT AND REMOVE WIRE BASKET AND BURLAP/OTHER WRAPPING MATERIALS.
- 7 SOIL DEPTH VARIES.
- 8 ROUND-TOPPED SOIL BERM 4" HIGH X 8" WIDE ABOVE ROOT BALL. SURFACE SHALL BE CENTERED ON THE DOWNHILL SIDE OF THE ROOT BALL. SURFACE SHALL BE CENTERED ON THE DOWNHILL SIDE OF THE ROOT BALL FOR 240 DEGREES. BERM SHALL BEGIN AT THE ROOT BALL PERIPHERY.
- 9 TRUNK CALIPER SHALL MEET ANSI Z60 CURRENT EDITION FOR ROOT BALL SIZE.

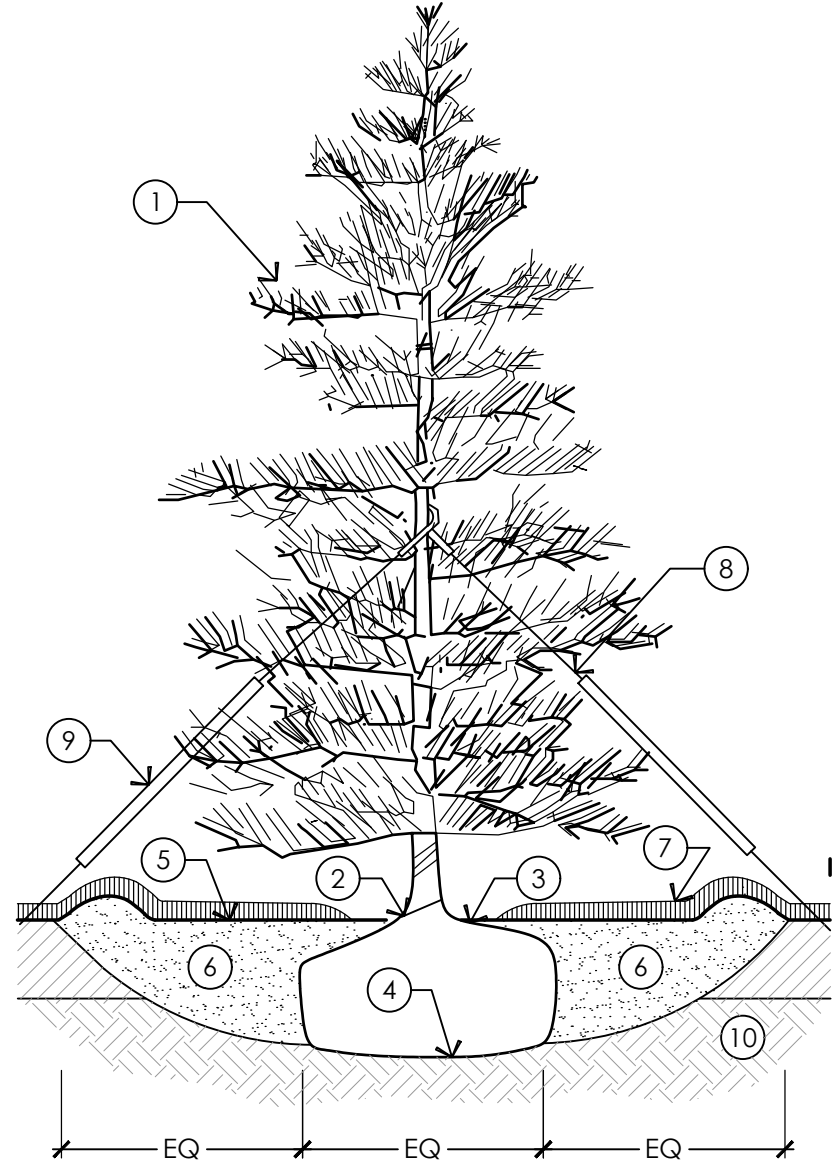


6 GROUNDCOVER / PERENNIAL
NTS

- 1 GROUNDCOVER/PERENNIALS (SEE NOTES)
- 2 MULCH TYPE & DEPTH AS SPECIFIED
- 3 PLANTING SOIL MIX (SEE SPECS)
- 4 UNDISTURBED SUBGRADE

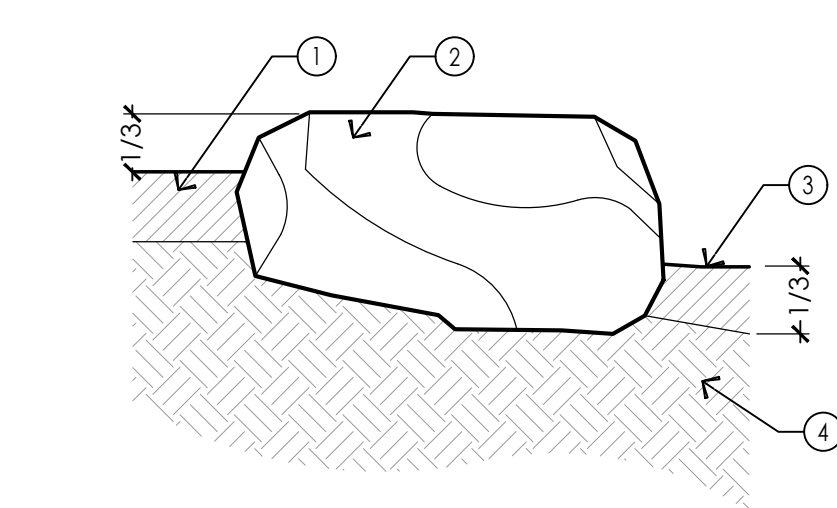
NOTES:

1. SEE PLANTING LEGEND FOR SPACING.



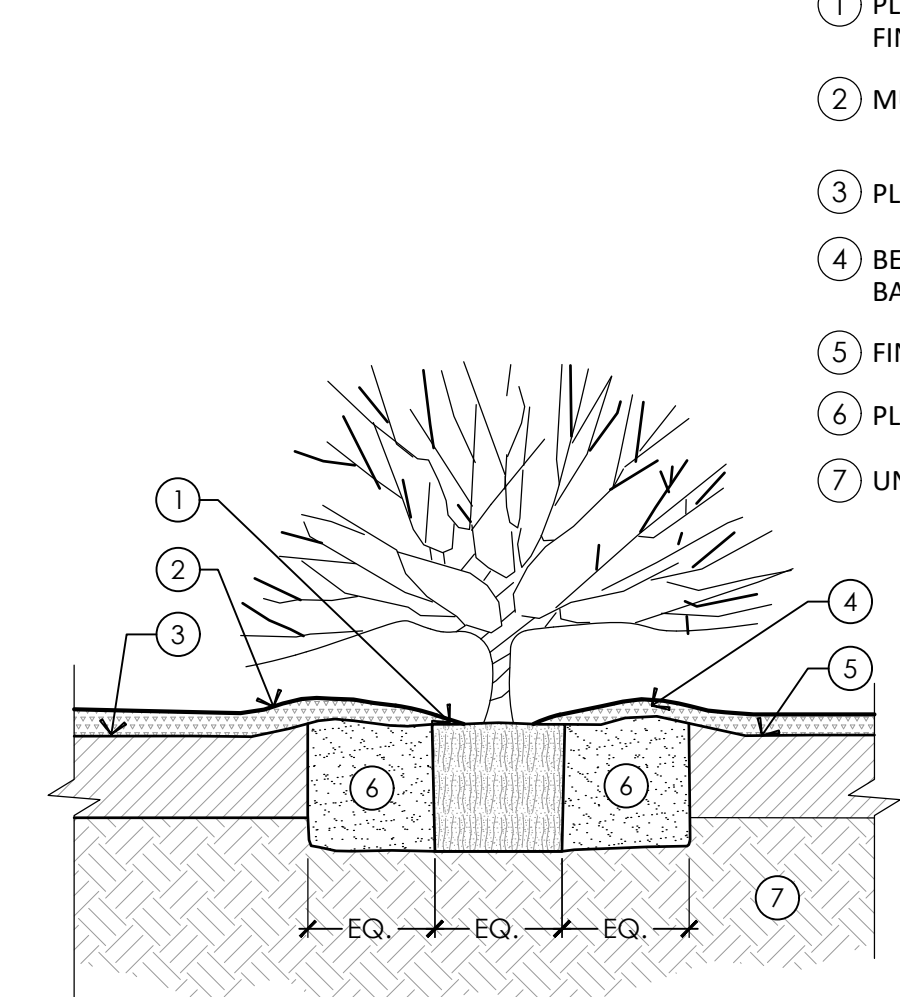
3 EVERGREEN TREE WITH GUYING SYSTEM
NTS

- 1 INSTALL TREE PLUMB
- 2 TOP OF ROOTBALL SHALL BE 1"-2" ABOVE FINISHED GRADE
- 3 ROOT FLARE SHALL BE EXPOSED; MULCH SHOULD NOT BE WITHIN 4" OF TREE TRUNK
- 4 PLACE ROOTBALL ON UNDISTURBED SUBSOIL. CUT AND REMOVE WIRE BASKET AND BURLAP/OTHER WRAPPING MATERIALS.
- 5 MULCH TYPE & DEPTH AS SPECIFIED
- 6 EXCAVATE HOLE TO DIAMETER 3X WIDER THAN ROOTBALL. BACKFILL PLANTING SOIL MIX.
- 7 5' DIA. DEPRESSED WATERING BASIN
- 8 GUYING & STAKING SYSTEM - REFER TO TECHNICAL SPECIFICATIONS
- 9 SAFETY FLAGGING (PVC SLEEVE)
- 10 UNDISTURBED SUBGRADE



7 LANDSCAPE BOULDER
NTS

- 1 BACKFILL BEHIND BOULDER
 - 2 PLACE BOULDER ON COMPACTED SUBGRADE TOPSOIL
 - 3 COMPACTED SUBGRADE
- NOTES:
1. BOULDER LOCATIONS TO BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE.

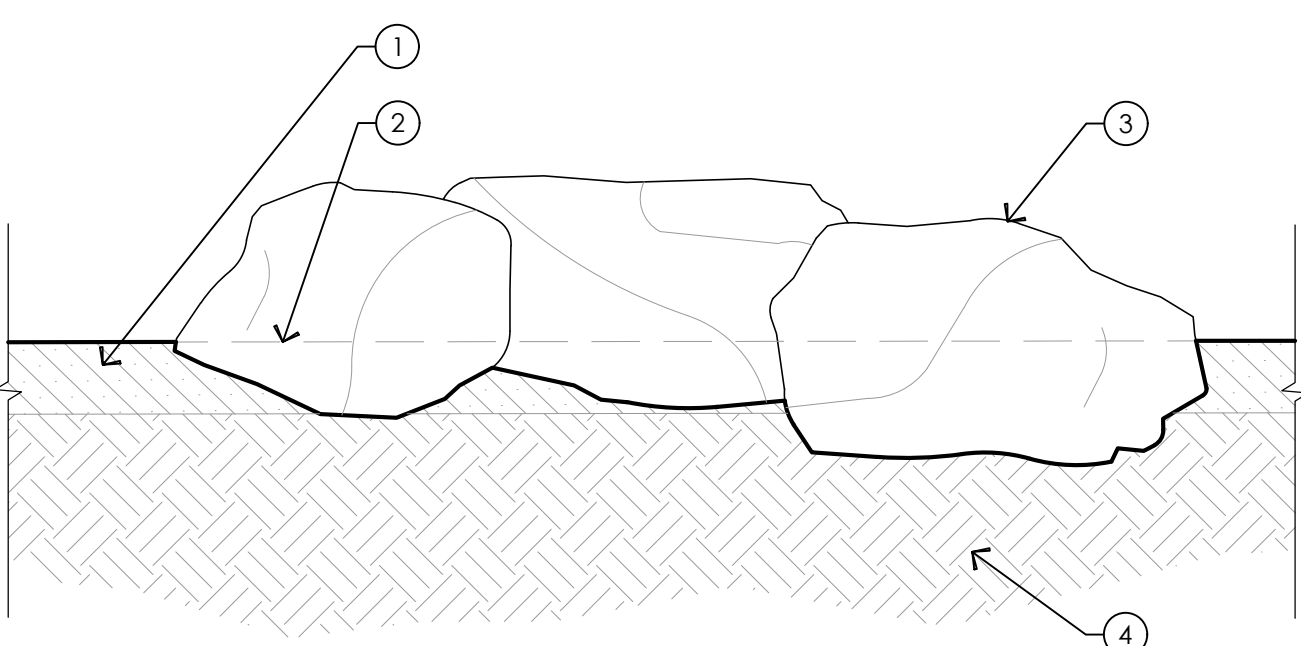


4 SHRUB
NTS

- 1 PLACE TOP OF ROOTBALL FLUSH WITH FINISHED GRADE
- 2 MULCH TYPE & DEPTH AS SPECIFIED
- 3 PLANTING SOIL MIX (SEE SPECS)
- 4 BERM TO FORM DEPRESSED WATERING BASIN
- 5 FINISHED GRADE
- 6 PLANTING SOIL MIX (SEE SPECS)
- 7 UNDISTURBED SUBGRADE

NOTES:

1. PLACE BALL ON UNDISTURBED SUBGRADE. REMOVE AND DISCARD WRAPPING MATERIAL.
2. SETTLE PLANT BY FILLING PLANTING PIT WITH WATER USING HOSE OR BUCKET.
3. MULCH SHOULD NOT BE WITHIN 4" OF TRUNK.
4. REMOVE WATERING BASIN PRIOR TO END OF MAINTENANCE PERIOD.



NOTES:

1. LANDSCAPE BOULDERS TO MATCH STONE MULCH. SUBMIT SAMPLE TO OWNER FOR APPROVAL PRIOR TO DELIVERY. BOULDERS SHALL BE INSTALLED AT THE VARIOUS SIZES AS NOTED (L X W X H): 30% 3'X3'X3', 40% 4'X3'X4', 30% 5'X3'X4'.
2. ALL BOULDERS TO HAVE AT LEAST 1/3 OF MASS BELOW FINISH GRADE.
3. GROUP BOULDERS SO AS TO APPEAR NATURAL.
4. BOULDER LOCATIONS TO BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE.

- 1 MATERIAL PER PLAN
- 2 FINISH GRADE
- 3 BOULDER
- 4 COMPACTED OR UNDISTURBED SUBGRADE

CONSTRUCTION DOCUMENT - BID SET

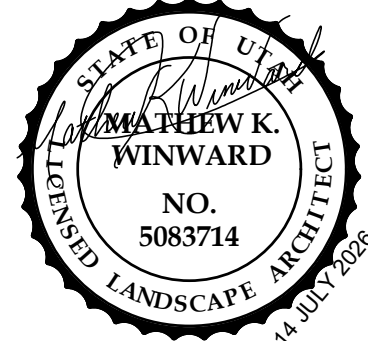
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

REVISIONS:

△	-	-
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STAMP



SHEET TITLE:

PLANTING
DETAILS

- DATE: 5-29-2026
DRAWN BY: JLH
CHECKED BY: MKW/JKW
JOB NO.: U24-028

SHEET NO:

LP-501

- THE BASE INFORMATION FOR THIS DRAWING IS OBTAINED FROM OTHERS. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE DRAWING WITH ACTUAL FIELD CONDITIONS PRIOR TO BEGINNING ANY WORK AND IMMEDIATELY NOTIFYING THE LANDSCAPE ARCHITECT OF ANY DISCREPANCIES, IN THE EVENT THAT THE CONTRACTOR BEGINS WORK PRIOR TO VERIFYING AND COMPARING THE BASE INFORMATION WITH ACTUAL FIELD CONDITIONS, THEN ANY CHANGES OR ALTERATIONS TO THE WORK INVOLVED WITH THESE DRAWINGS DUE TO SUCH DISCREPANCIES WILL BE PERFORMED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE TO THE OWNER.
2. THE IRRIGATION SYSTEM IS BASED ON A MINIMUM OPERATING PRESSURE AT THE IRRIGATION POINT OF CONNECTION OF 85 PSI. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCES BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION TO THE LANDSCAPE ARCHITECT.
3. THE IRRIGATION CONTRACTOR MUST EXAMINE THE SITE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF UNSATISFACTORY CONDITIONS. DO NOT PROCEED UNTIL CONDITIONS HAVE BEEN CORRECTED.
4. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALKS, RETAINING WALLS, STRUCTURES, 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, INSTALLATION AND MARKING OF PIPE SLEEVES UNDER WALKS AND THROUGH WALLS.
5. BEFORE ANY TRENCHING, EXCAVATION OR DIGGING FOR ANY REASON, THE IRRIGATION CONTRACTOR SHALL HAVE THE AREA "BLUE STAKED" IN ORDER TO DETERMINE THE LOCATION OF UNDERGROUND UTILITIES. THE CONTRACTOR WILL CONDUCT HIS WORK IN SUCH A MANNER TO PROTECT ALL UTILITIES FROM DAMAGE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR OR REPLACE ANY DAMAGE CAUSED BY HIM OR HIS WORKMEN AT NO EXPENSE TO THE OWNER.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION LAYOUT OF THE IRRIGATION SYSTEM IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS TO PROVIDE FULL COVERAGE. THE LAYOUT MAY BE MODIFIED AS NECESSARY TO OBTAIN FULL HEAD TO HEAD COVERAGE. ANY MODIFICATIONS SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT.
7. DO NOT WILLFULLY INSTALL THE IRRIGATION SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
8. IRRIGATION VALVES AND MAIN AND LATERAL LINES SHOWN ON PLANS ARE DIAGRAMMATIC ONLY AND ARE SHOWN IN HARDSCAPE AREAS OR OUTSIDE OF PROPERTY LINE FOR CLARITY ONLY. ALL VALVES AND PIPES SHALL BE PLACED IN LANDSCAPE AREAS AND SHALL BE LOCATED WITHIN THE PROPERTY BOUNDARY. PIPE SHALL BE LAID IN COMMON TRENCHES WHEN FEASIBLE.
9. EXACT LOCATION OF IRRIGATION MAINLINE ROUTING SHALL BE COORDINATED WITH THE PLANTING PLAN AND PLACED TO ELIMINATE CONFLICTS WITH TREE PLANTING.
10. THE CONTRACTOR SHALL PROVIDE ALL LABOR, PARTS AND MATERIALS REQUIRED TO COMPLETE THE IRRIGATION SYSTEM.
11. ALL MAIN LINES, LATERAL LINES, AND CONTROL WIRES UNDER PAVING SHALL BE INSTALLED IN SEPARATE SLEEVES. SLEEVES SHALL BE A MINIMUM OF 2X THE PIPE SIZE PASSING THROUGH. CONTROL WIRE SLEEVES SHALL BE OF SUFFICIENT SIZE FOR THE REQUIRED NUMBER OF WIRES UNDER PAVING.
12. INSTALL MANUAL DRAIN VALVES AT ALL LOW POINTS ON MAINLINE. ALL MAIN LINES SHALL SLOPE TO MANUAL DRAIN (SEE DETAILS). IF FIELD CONDITIONS NECESSITATE ADDITIONAL DRAINS, THESE DRAINS SHALL BE INSTALLED FOR COMPLETE DRAINAGE OF THE ENTIRE SYSTEM.
13. ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
14. PIPE SIZES SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS OR SMALLER PIPE SIZES SHALL BE APPROVED. ALL DAMAGED AND REJECTED PIPE SHALL BE REMOVED FROM THE SITE IMMEDIATELY.
15. THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL THROTTLE CONTROLS ON ALL SPRINKLER HEADS AND ADJUST VALVES FOR OPTIMUM COVERAGE WITH MINIMAL OVER SPRAY ONTO WALKS, STREETS, WALLS, ETC.
16. ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE.
17. THE IRRIGATION CONTRACTOR SHALL MAKE THE ELECTRICAL CONNECTIONS FROM THE NEW VALVES TO THE CONTROLLERS. IRRIGATION TIMES SHALL BE SET BY THE CONTRACTOR UNDER THE DIRECTION OF THE LANDSCAPE ARCHITECT.
18. PROVIDE AND INSTALL ALL THE MANUFACTURER'S RECOMMENDED SURGE AND LIGHTNING PROTECTION EQUIPMENT ON ALL NEW CONTROLLERS. AG2401 SURGE SUPPRESSOR ON HIGH VOLTAGE; 3 GROUND ROD GRID, 8 FOOT TRIANGLE FOR LOW VOLTAGE.
19. INTERRUPTION OF IRRIGATION WATERING IS LIKELY TO OCCUR DUE TO OTHER CONSTRUCTION ACTIVITIES AND WORK ON THE IRRIGATION SYSTEM. ALL EXISTING PLANT MATERIAL TO REMAIN SHALL BE PROPERLY PROTECTED AND CARED FOR THROUGHOUT CONSTRUCTION. CONTRACTOR SHALL HAND WATER PLANTS AS REQUIRED. ANY DAMAGE TO PLANT MATERIAL THAT OCCURS DUE TO THIS CONSTRUCTION OR LACK OF WATER DURING CONSTRUCTION SHALL BE REPAIRED TO THE PRE-CONSTRUCTION CONDITION AT THE EXPENSE OF THE CONTRACTOR.
20. TAKE EXTREME CARE WHEN INSTALLING BENEATH DRIP LINE OF EXISTING TREES TO MINIMIZE ANY DAMAGE TO TREE ROOTS. ADJUST IRRIGATION LAYOUT AS NEEDED TO MINIMIZE ROOT DISTURBANCE.

	<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>	<u>PSI</u>	
		RAIN BIRD 1806-U-PRS U8 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH PRESSURE REGULATING.	30	
		RAIN BIRD 1806-U-PRS U10 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	30	
		RAIN BIRD 1806-U-PRS U12 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	30	
		RAIN BIRD 1806-U-PRS U15 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.	30	
	<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>	<u>PSI</u>	<u>GPM</u>
		EXISTING HEAD CONTRACTOR TO FIELD VERIFY EXACT LOCATION.		
		RAIN BIRD 5006-PL-PC-SAM-R-MPR 25 TURF ROTOR, 6IN. POP-UP, WITH FLOW SHUT-OFF DEVICE. MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL. 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE, AND IN-STEM PRESSURE REGULATOR.	45	
	<u>SYMBOL</u>	<u>MANUFACTURER/MODEL/DESCRIPTION</u>	<u>PSI</u>	
		RAIN BIRD XCZ-100-PRB-COM DRIP CONTROL KIT WITH 1" BALL VALVE, 1" PESB VALVE, AND 1" PRESSURE REGULATING 40PSI.		
1		AREA TO RECEIVE DRIP EMITTERS	40	
2		RAIN BIRD PCT PRESSURE COMPENSATING THREADED LOW-FLOW BUBBLERS.		
6		Emitter Notes: PCT-05 emitters (1 assigned to each 1 GAL plant)		
7		PCT-05 emitters (2 assigned to each 5 GAL plant)		
9		PCT-05 emitters (6 assigned to each 2" CAL plant)		
10				
11				
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15				
16				
19				
21				

IRRIGATION LATERAL LINE: EXISTING LATERAL LINE

IRRIGATION LATERAL LINE: PVC SCHEDULE 40

IRRIGATION MAINLINE: EXISTING MAINLINE (TO BE ABANDONED SHOWN IN RED)

IRRIGATION MAINLINE: EXISTING MAINLINE TO BE ABANDONED

IRRIGATION MAINLINE: HDPE PE4710 DR 11 (FOR EXISTING MAINLINE REPLACEMENT SECTION)

IRRIGATION MAINLINE: HDPE PE4710 DR 11 (FOR NEW IRRIGATION CONNECTED TO THE EXISTING 2-WIRE CONTROLLER IN THE FORT UTAH GREENWAY AREA)

PIPE SLEEVE: PVC SCHEDULE 40
MINIMUM 4" & TWICE THE NOMINAL SIZE OF PIPE WITHIN
(SEE SPECS)

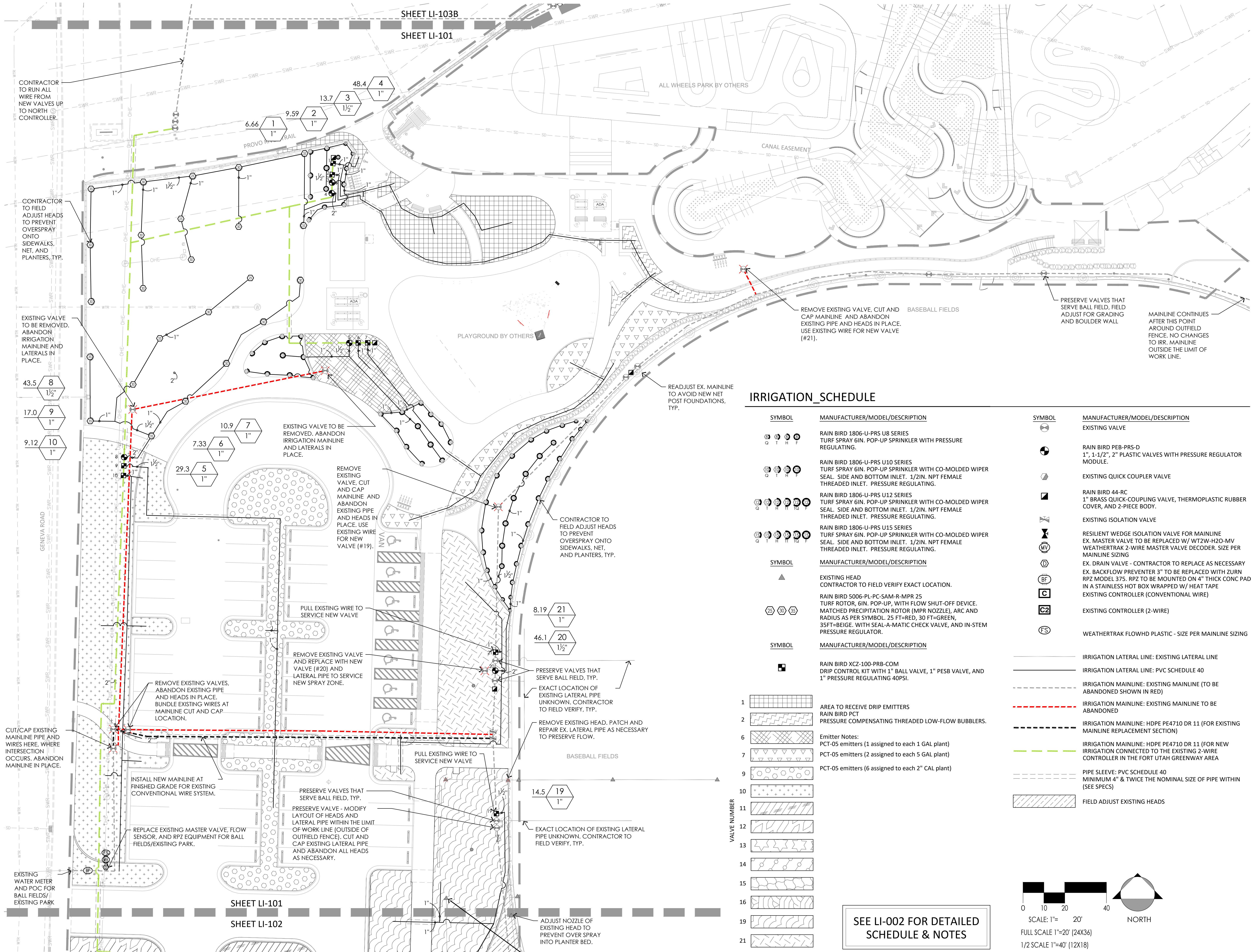
FIELD ADJUST EXISTING HEADS

Valve Callout

Valve Number

Valve Flow

Valve Size



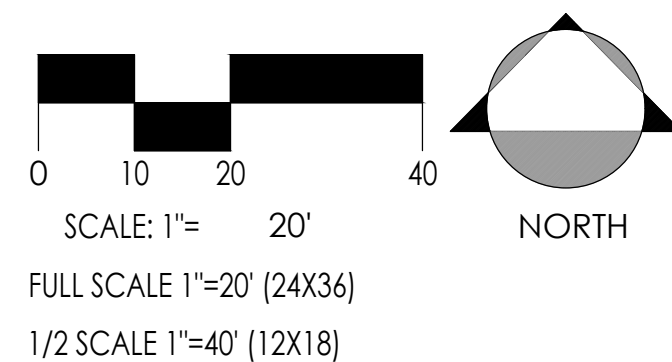
IRRIGATION_SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD 1806-U-PRS U8 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH PRESSURE REGULATING.		RAIN BIRD PEB-PRS-D 1", 1-1/2", 2" PLASTIC VALVES WITH PRESSURE REGULATOR MODULE.
	RAIN BIRD 1806-U-PRS U10 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, SIDE AND BOTTOM INLET, 1/2IN. NPT FEMALE THREADED INLET, PRESSURE REGULATING.		RAIN BIRD 44-RC 1" BRASS QUICK-COUPLING VALVE, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
	RAIN BIRD 1806-U-PRS U12 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, SIDE AND BOTTOM INLET, 1/2IN. NPT FEMALE THREADED INLET, PRESSURE REGULATING.		RAIN BIRD 1806-U-PRS U15 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, SIDE AND BOTTOM INLET, 1/2IN. NPT FEMALE THREADED INLET, PRESSURE REGULATING.
	RAIN BIRD 5006-PL-PC-SAM-R-MPR 25 TURF ROTOR, 6IN. POP-UP, WITH FLOW SHUT-OFF DEVICE, MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL, 25 FT-RED, 30 FT-GREEN, 35FT-BEIGE, WITH SEAL-A-MATIC CHECK VALVE, AND IN-STEM PRESSURE REGULATOR.		RAIN BIRD XZC-100-PRB-COM DRIP CONTROL KIT WITH 1" BALL VALVE, 1" PESB VALVE, AND 1" PRESSURE REGULATING 40PSI.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	EXISTING HEAD		EXISTING ISOLATION VALVE
	CONTRACTOR TO FIELD VERIFY EXACT LOCATION.		RESILIENT WEDGE ISOLATION VALVE FOR MAINLINE EX. MASTER VALVE TO BE REPLACED W/ WT2W-H20-MV WEATHERTRAK 2-WIRE MASTER VALVE DECODER, SIZE PER MAINLINE SIZING
	RAIN BIRD PCT PRESSURE COMPENSATING THREADED LOW-FLOW BUBBLERS.		EX. DRAIN VALVE - CONTRACTOR TO REPLACE AS NECESSARY EX. BACKFLOW PREVENTER 3" TO BE REPLACED WITH ZURN RPZ MODEL 375. RPZ TO BE MOUNTED ON 4" THICK CONC PAD IN A STAINLESS HOT BOX WRAPPED W/ HEAT TAPE EXISTING CONTROLLER (CONVENTIONAL WIRE)
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION		EXISTING CONTROLLER (2-WIRE)
	AREA TO RECEIVE DRIP EMITTERS		WEATHERTRAK FLOWHD PLASTIC - SIZE PER MAINLINE SIZING
	RAIN BIRD PCT PRESSURE COMPENSATING THREADED LOW-FLOW BUBBLERS.		IRRIGATION LATERAL LINE: EXISTING LATERAL LINE
	PCT-05 emitters (1 assigned to each 1 GAL plant)		IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	PCT-05 emitters (2 assigned to each 5 GAL plant)		IRRIGATION MAINLINE: EXISTING MAINLINE (TO BE ABANDONED SHOWN IN RED)
	PCT-05 emitters (6 assigned to each 2" CAL plant)		IRRIGATION MAINLINE: EXISTING MAINLINE TO BE ABANDONED
	PIPE SLEEVE: PVC SCHEDULE 40 MINIMUM 4" & TWICE THE NOMINAL SIZE OF PIPE WITHIN (SEE SPECS)		IRRIGATION MAINLINE: HDPE PE4710 DR 11 (FOR EXISTING MAINLINE REPLACEMENT SECTION)
	FIELD ADJUST EXISTING HEADS		IRRIGATION MAINLINE: HDPE PE4710 DR 11 (FOR NEW IRRIGATION CONNECTED TO THE EXISTING 2-WIRE CONTROLLER IN THE FORT UTAH GREENWAY AREA)

VALVE NUMBER

1	
2	
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15	
16	
19	
21	

SEE LI-002 FOR DETAILED SCHEDULE & NOTES



CONSTRUCTION DOCUMENT - BID SET

■ PREPARED FOR:
PROVO CITY
PARKS & RECREATION
1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

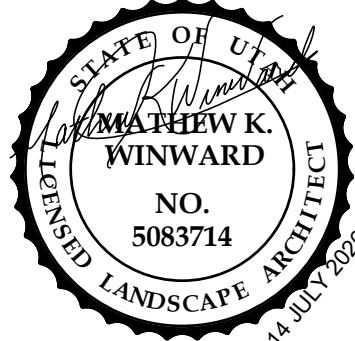
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:

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■ STAMP



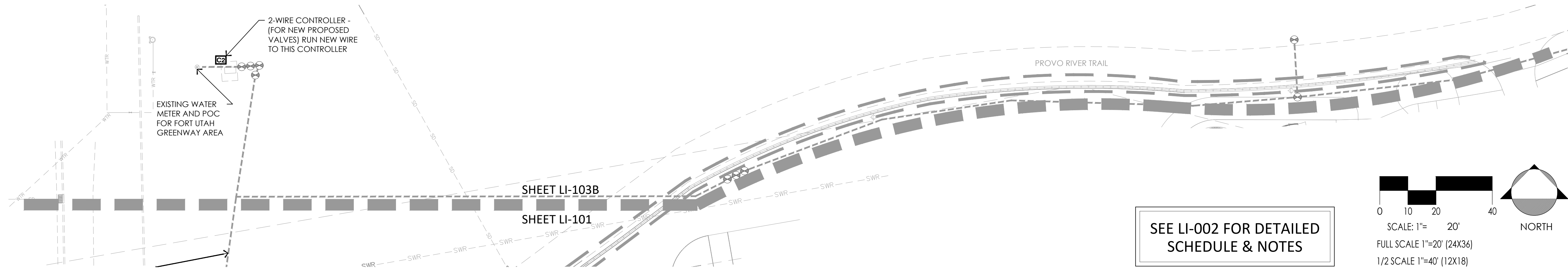
■ SHEET TITLE:

IRRIGATION PLAN

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

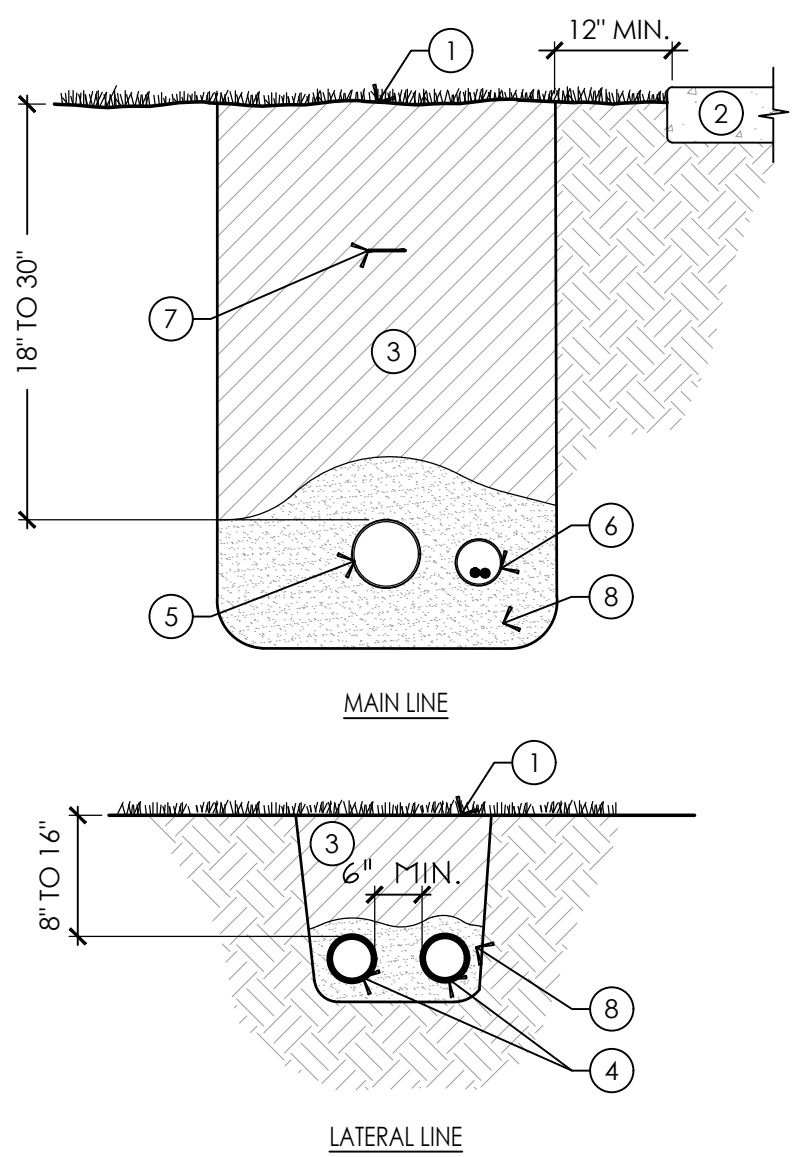
■ SHEET NO:

LI-101



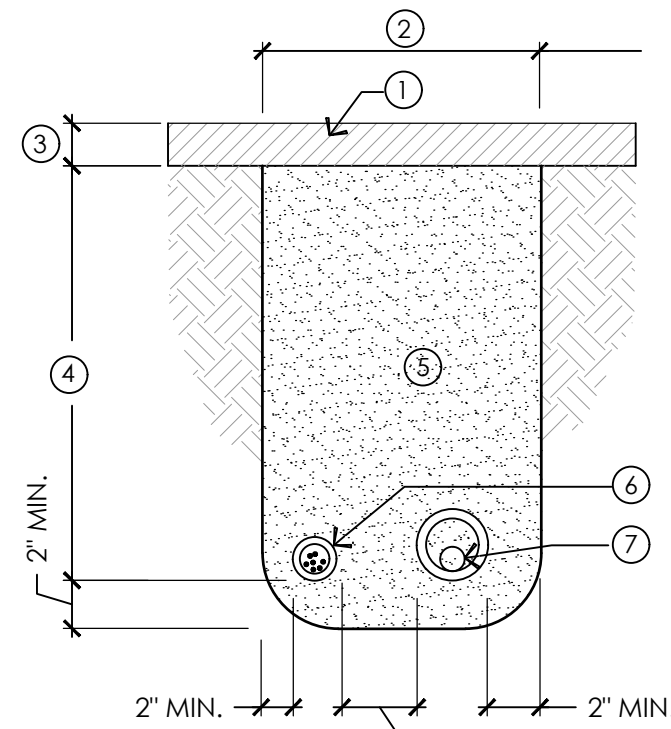
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD 1806-U-PRS U8 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH PRESSURE REGULATING.		RAIN BIRD PEB-PRS-D 1", 1-1/2", 2" PLASTIC VALVES WITH PRESSURE REGULATOR MODULE.
	RAIN BIRD 1806-U-PRS U10 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.		RAIN BIRD 44-RC 1" BRASS QUICK-COUPLING VALVE, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
	RAIN BIRD 1806-U-PRS U12 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.		RAIN BIRD 375 1" BRASS QUICK-COUPLING VALVE, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
	RAIN BIRD 1806-U-PRS U15 SERIES TURF SPRAY 6IN. POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL. SIDE AND BOTTOM INLET. 1/2IN. NPT FEMALE THREADED INLET. PRESSURE REGULATING.		RAIN BIRD 375 1" BRASS QUICK-COUPLING VALVE, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD 5006-PL-PC-SAM-R-MPR 25 TURF ROTOR, 6IN. POP-UP, WITH FLOW SHUT-OFF DEVICE. MATCHED PRECIPITATION ROTOR (MPR NOZZLE), ARC AND RADIUS AS PER SYMBOL. 25 FT=RED, 30 FT=GREEN, 35FT=BEIGE. WITH SEAL-A-MATIC CHECK VALVE, AND IN-STEM PRESSURE REGULATOR.		RAIN BIRD 375 1" BRASS QUICK-COUPLING VALVE, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD XZC-100-PRB-COM DRIP CONTROL KIT WITH 1" BALL VALVE, 1" PESB VALVE, AND 1" PRESSURE REGULATING 40PSI.		RAIN BIRD 375 1" BRASS QUICK-COUPLING VALVE, THERMOPLASTIC RUBBER COVER, AND 2-PIECE BODY.
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G.B.D G. BROWN DESIGN INC SITE AND LANDSCAPE ARCHITECTS 678 East Vine Street, Ste 10 Murray, Utah 84107 801.575.6066 www.gbrowndesign.com																
■ PREPARED FOR: PROVO CITY PARKS & RECREATION 1417 S. 350 E. PROVO, UT 84606																
■ CONSULTANTS:																
PROVO FORT UTAH PARK 200 N. GENEVA ROAD PROVO, UT 84601																
■ REVISIONS: <table><tr><td>△</td><td>-</td><td>-</td></tr><tr><td>△</td><td>-</td><td>-</td></tr><tr><td>△</td><td>-</td><td>-</td></tr><tr><td>△</td><td>-</td><td>-</td></tr><tr><td>△</td><td>-</td><td>-</td></tr></table>		△	-	-	△	-	-	△	-	-	△	-	-	△	-	-
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■ STAMP STATE OF UTAH LANDSCAPE ARCHITECT NO. 5083714 14 JULY 2026 MATHEW K. WINWARD																
■ SHEET TITLE: IRRIGATION PLAN																
■ DATE: 5-29-2026 ■ DRAWN BY: JLH ■ CHECKED BY: MKW/JKW ■ JOB NO.: U24-028																
■ SHEET NO: LI-103																



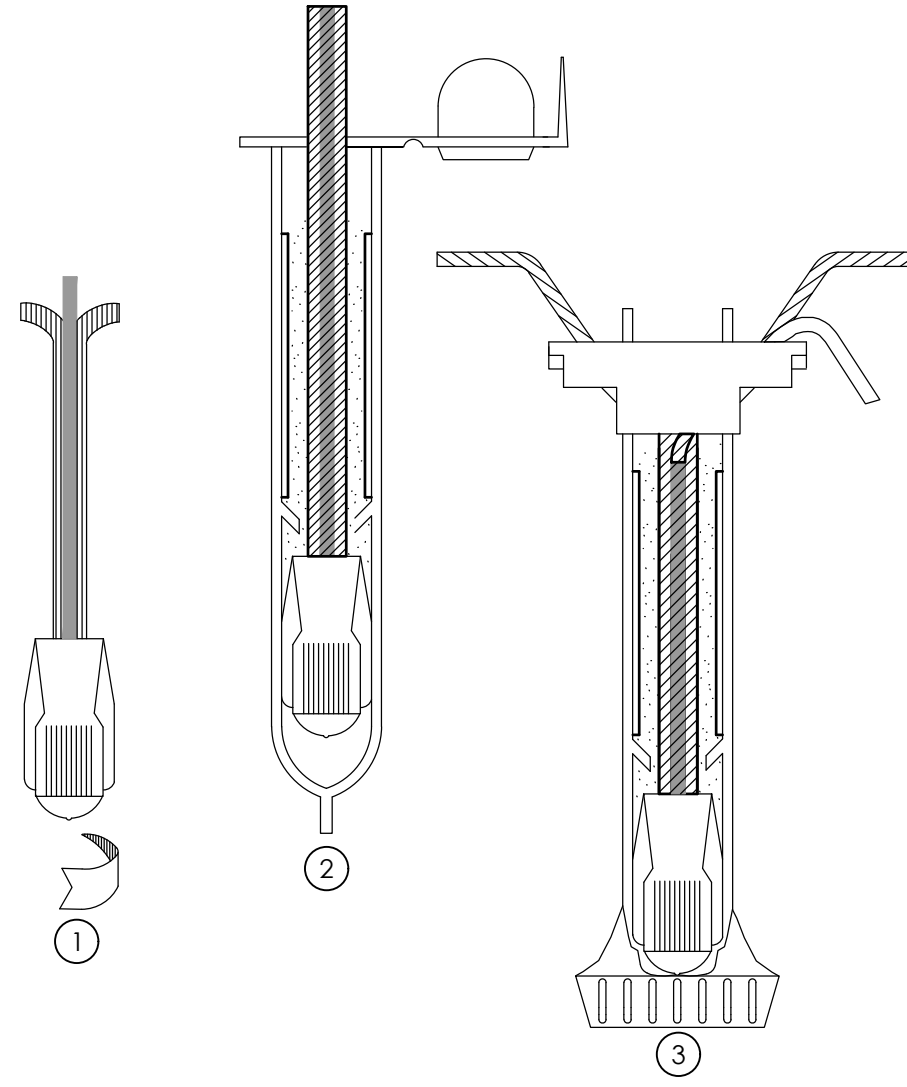
- 1 FINISH GRADE
- 2 HARDSCAPE SURFACE
- 3 CLEAN BACKFILL (SHALL CONTAIN NO SHARP OR ANGULAR ROCKS OR ANY ROCK OVER 1\"/>
- 4 LATERAL LINE
- 5 MAIN LINE
- 6 TWO-WIRE CONDUIT - (SEE SPECS.) TO TERMINATE INSIDE VALVE BOX. INSTALL 'PULL BOX' IF RUN IS OVER 150'. PLACE 6\"/>
- 7 TRACER TAPE 12\"/>
- 8 BACKFILL WITH 6\"/>

NOTES:
1. MAINLINE AND LATERAL LINE SHALL BE IN SEPARATE TRENCHES.



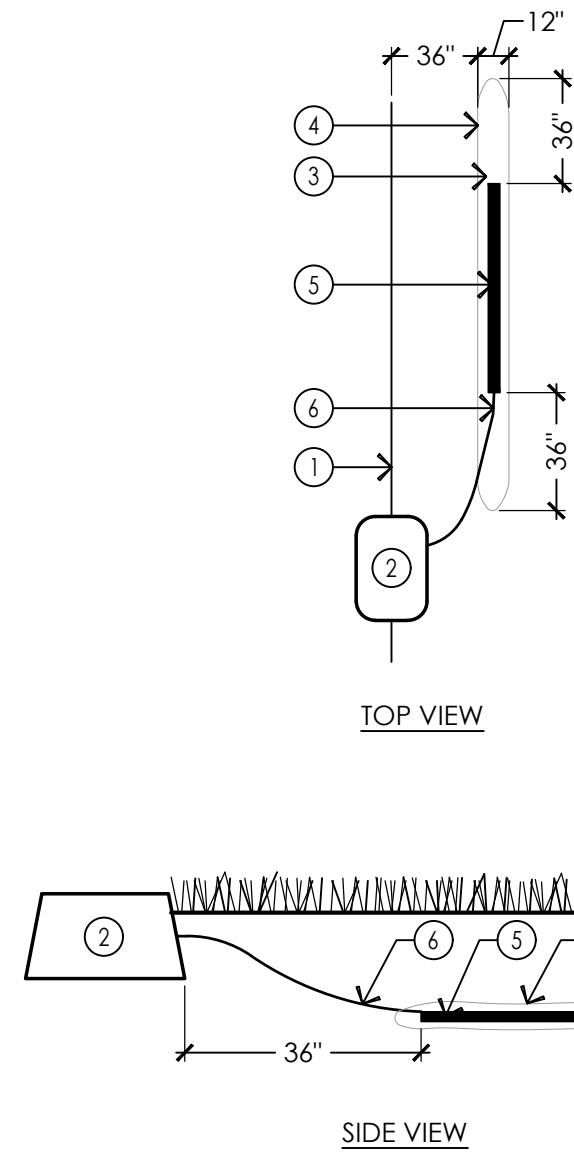
- 1 PROPOSED HARDSCAPE SURFACE
- 2 WIDTH AS REQUIRED
- 3 VARIES AS PER HARDSCAPE SURFACE
- 4 DEPTH AS REQUIRED TO MATCH MAIN LINE (18\"/>
- 5 BACKFILL COMPACTED AT 95%.
- 6 CONTROL WIRES 6\"/>
- 7 MAIN LINE OR LATERAL IN SLEEVE

NOTES:
1. ALL SLEEVES SHALL BE SCHEDULE 40 PVC.
2. ALL SLEEVES SHALL BE A MINIMUM OF 4\"/>



- 1 STRIP WIRES AND APPLY PERFORMANCE PLUS WIRE CONNECTOR R/Y+ ELECTRICAL CONNECTOR IN A CLOCKWISE DIRECTION
- 2 INSERT SPLICE TO BOTTOM OF GEL FILLED TUBE. VISUALLY CHECK TO MAKE SURE 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.

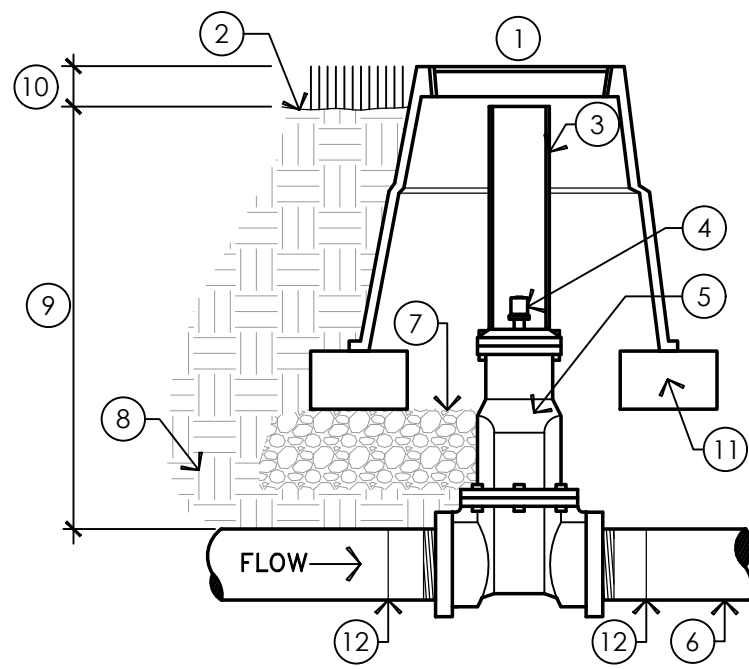
NOTE:
1. SOLDER ALL WIRE CONNECTIONS



- 1 TWISTED 2 WIRE PATH
- 2 VALVE BOX
- 3 DO NOT INSTALL ANY OTHER WIRES OR CABLE WITHIN THE SPHERE OF INFLUENCE
- 4 ELECTRODE SPHERE OF INFLUENCE BOUNDARIES
- 5 COPPER GROUND PLATE (4\"/>
- 6 #6 AWG SOLID BARE COPPER WIRE. LENGTH AS REQUIRED
- 7 EARTH CONTACT MATERIAL

1 TRENCHING

NTS



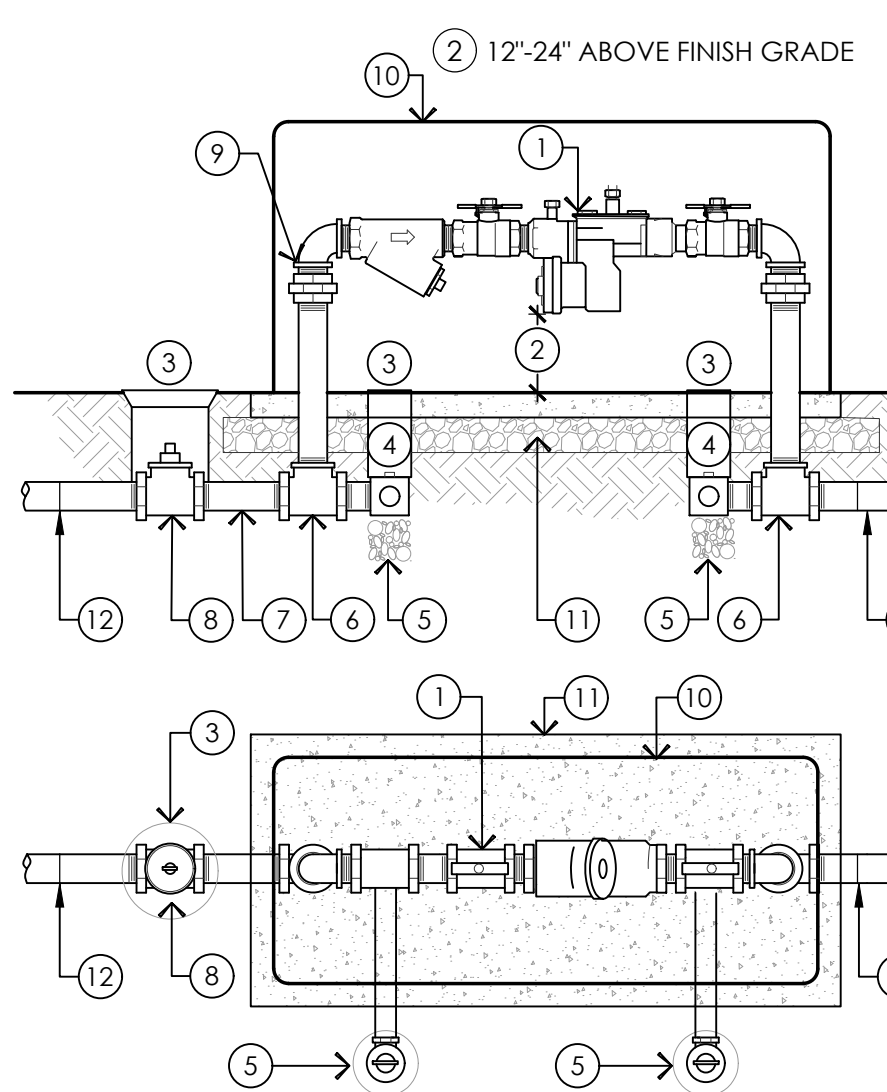
NOTES:

1. EACH FITTING & VALVE BELL MUST BE RESTRAINED TO THE LENGTH OF PIPE NOTED IN THE HARCO DI FITTINGS TABLE USING FITTING TO PIPE RESTRAINT, VALVE TO PIPE RESTRAINT, AND PIPE TO PIPE RESTRAINT AS REQUIRED.

- 1 10\"/>
- 2 FINISH GRADE
- 3 6\"/>
- 4 2\"/>
- 5 RESILIENT WEDGE GATE VALVE - SEE SPECS FOR REQUIREMENTS
- 6 MAIN WATER SUPPLY LINE
- 7 6\"/>
- 8 SUBGRADE COMPACTED TO 90%
- 9 DEPTH: 18\"/>
- 10 SHRUBS-2\"/>
- 11 STANDARD BRICK - TYPICAL
- 12 HDPE THREADED TRANSITION FITTING (MPT X BUTT FUSION)

2 SLEEVING

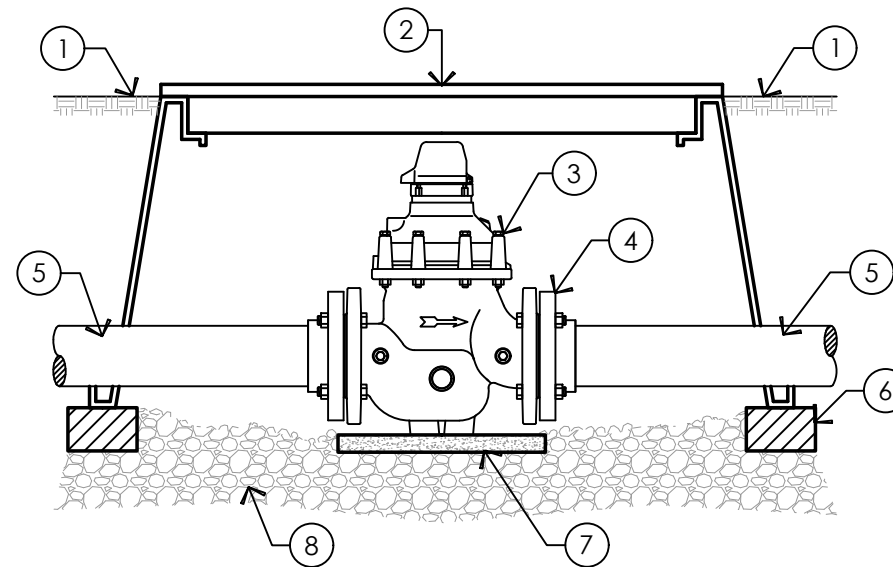
NTS



- 1 REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER ASSEMBLY (SEE IRRIGATION SCHEDULE)
- 2 12\"/>
- 3 VALVE MARKERS
- 4 2\"/>
- 5 DRAIN VALVES & SUMPS- SEE DRAIN VALVE DETAIL
- 6 TEE
- 7 GALVANIZED NIPLLE 2\"/>
- 8 MAIN LINE ISOLATION VALVE
- 9 SET UNIONS ABOVE GRADE
- 10 STAINLESS STEEL ABOVE GROUND ENCLOSURE, SIZED TO MEET CITY AND LOCAL CODES
- 11 5\"/>
- 12 HDPE THREADED TRANSITION FITTING (MPT BUTT FUSION ELBOW)

3 3M DBR/Y DIRECT BURY SPLICE KIT

NTS



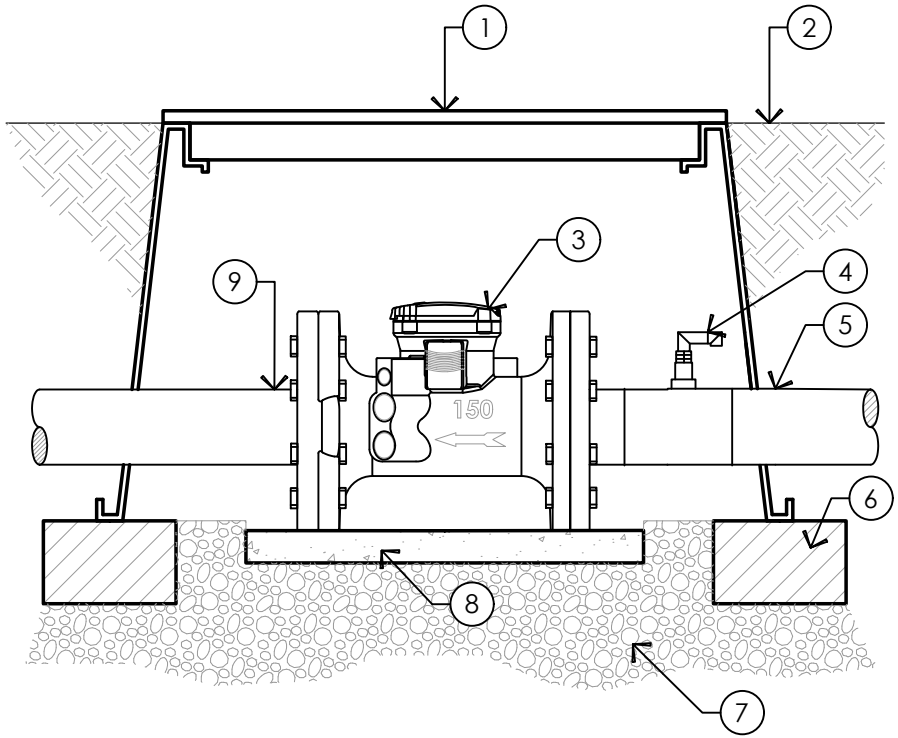
- 1 FINISH GRADE
- 2 RAIN BIRD VB-MAX-H VALVE BOX
- 3 MASTER VALVE - SEE PLAN FOR LOCATIONS AND SIZES
- 4 HDPE BUTT FUSION FLANGE ADAPTER WITH EPOXY COATED DUCTILE IRON BACK UP RING
- 5 HDPE MAINLINE PIPE
- 6 BRICK SUPPORT
- 7 CONCRETE PAVER
- 8 1/2\"/>

4 DECODER GROUNDING - GROUND PLATE

NTS

NOTES:

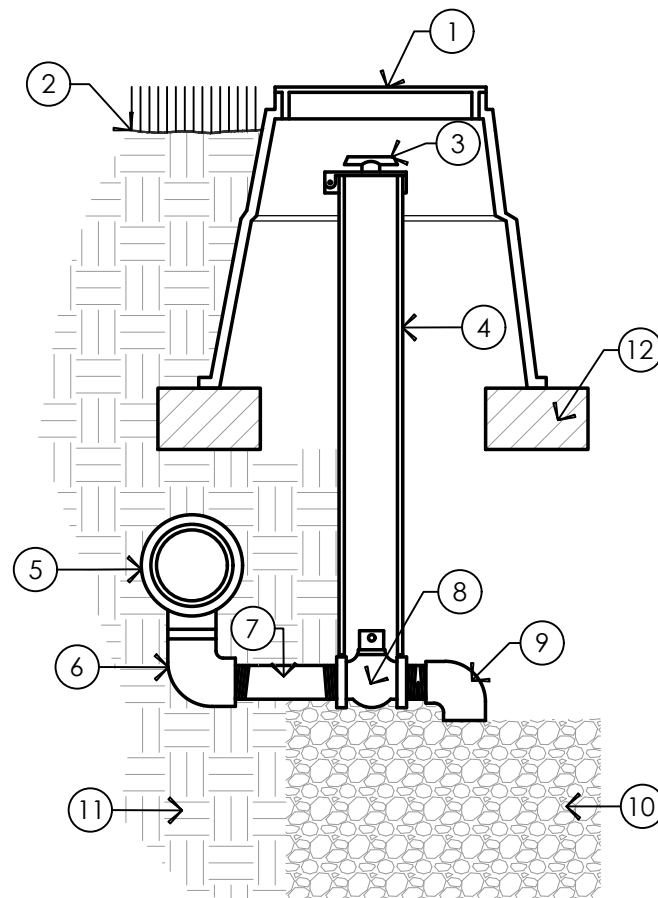
1. AT LEAST TWO (2) PIPE DIAMETERS ARE REQUIRED BOTH UP AND DOWN STREAM BETWEEN FLOWHD AND ANY FITTINGS.
2. AT LEAST FIVE (5) PIPE DIAMETERS BETWEEN A PUMP AND THE FLOWHD.
3. INSTALL A COMBINATION AIR/VACUUM OR CONTINUOUS ACTING AIR VENT RIGHT BEFORE THE FLOWHD (SEE INSTALLATION INSTRUCTIONS).



- 1 14\"/>
- 2 GRADE LEVEL
- 3 2\"/>
- 4 AIR/VACUUM VENT
- 5 HDPE PIPE
- 6 BRICK SUPPORT
- 7 1/2\"/>
- 8 CONCRETE PAVER
- 9 HDPE BUTT RUSION FLANGE ADAPTER WITH EPOXY COATED DUCTILE IRON BACK UP RING

5 RESILIENT WEDGE ISOLATION VALVE

NTS



- 1 10\"/>
- 2 FINISH GRADE
- 3 90&L WEATHERMATIC LOCKING VALVE CAP PERMANENTLY ATTACHED TO SLEEVE. TOP OF MARKER 4\"/>
- 4 2\"/>
- 5 HDPE MAINLINE WITH HDPE ELECTROFUSION SERVICE TEE WITH BUTT FUSION OUTLET
- 6 HDPE BUTT FUSION ELBOW WITH FPT OUTLET
- 7 3/4\"/>
- 8 3/4\"/>
- 9 3/4\"/>
- 10 GRAVEL SUMP - 18\"/>
- 11 SUBGRADE COMPACTED TO 90%
- 12 STANDARD BRICK, TYP.

NOTES:

1. ALL PVC NIPLLES (BESIDES HDPE MAINLINE) TO BE SCH. 80.
2. PROVIDE VALVE KEY TO OWNER.

6 BACKFLOW PREVENTER ASSEMBLY

NTS

7 MASTER VALVE

NTS

8 FLOW SENSOR

NTS

9 MANUAL DRAIN VALVE ASSEMBLY

NTS

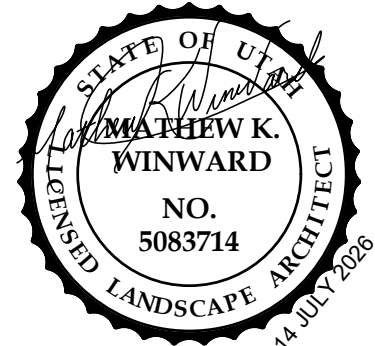
PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

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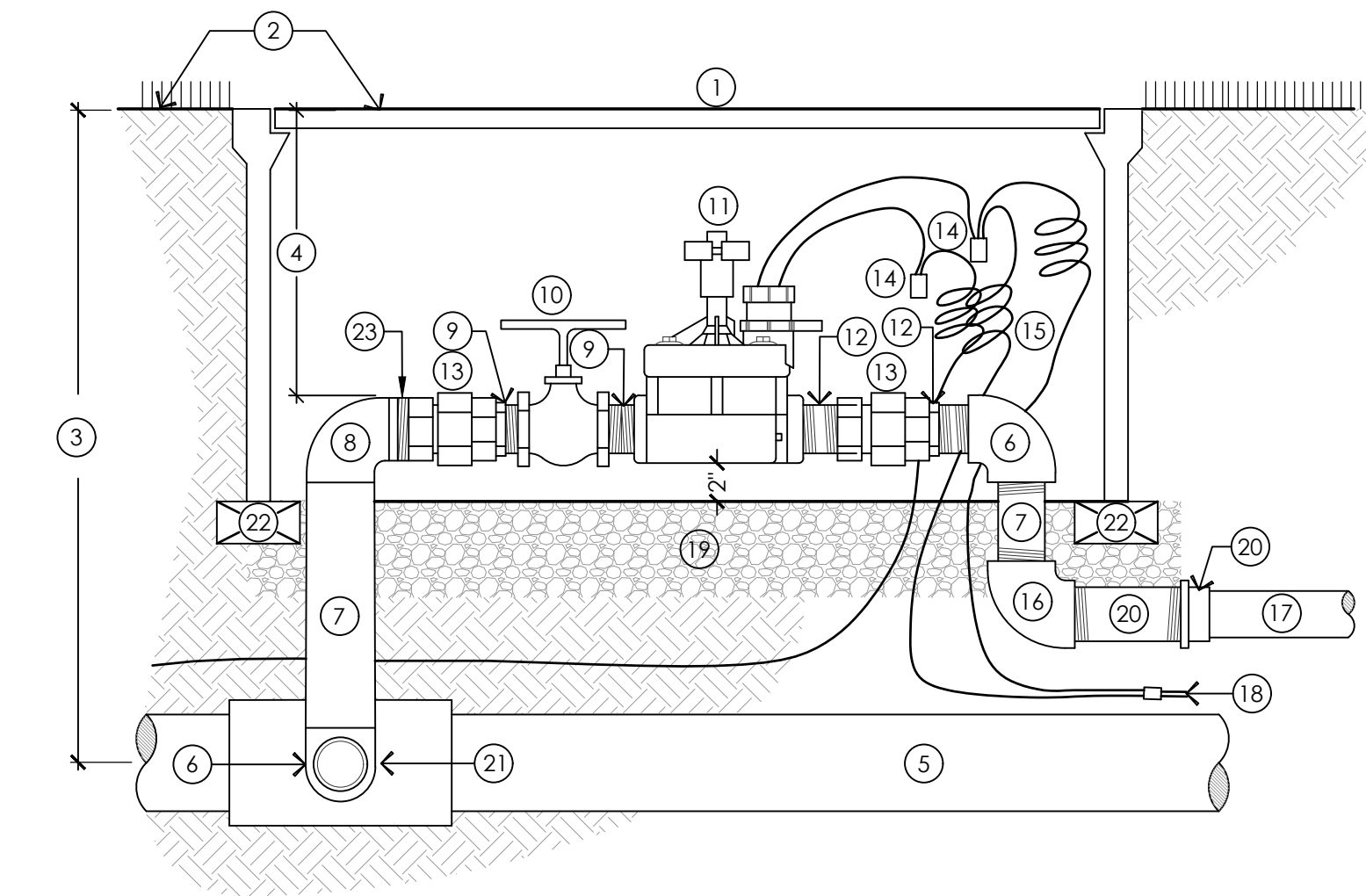
SHEET TITLE:
IRRIGATION
DETAILS

DATE: 5-29-2026
DRAWN BY: JLH
CHECKED BY: MKW/JKW
JOB NO.: U24-028

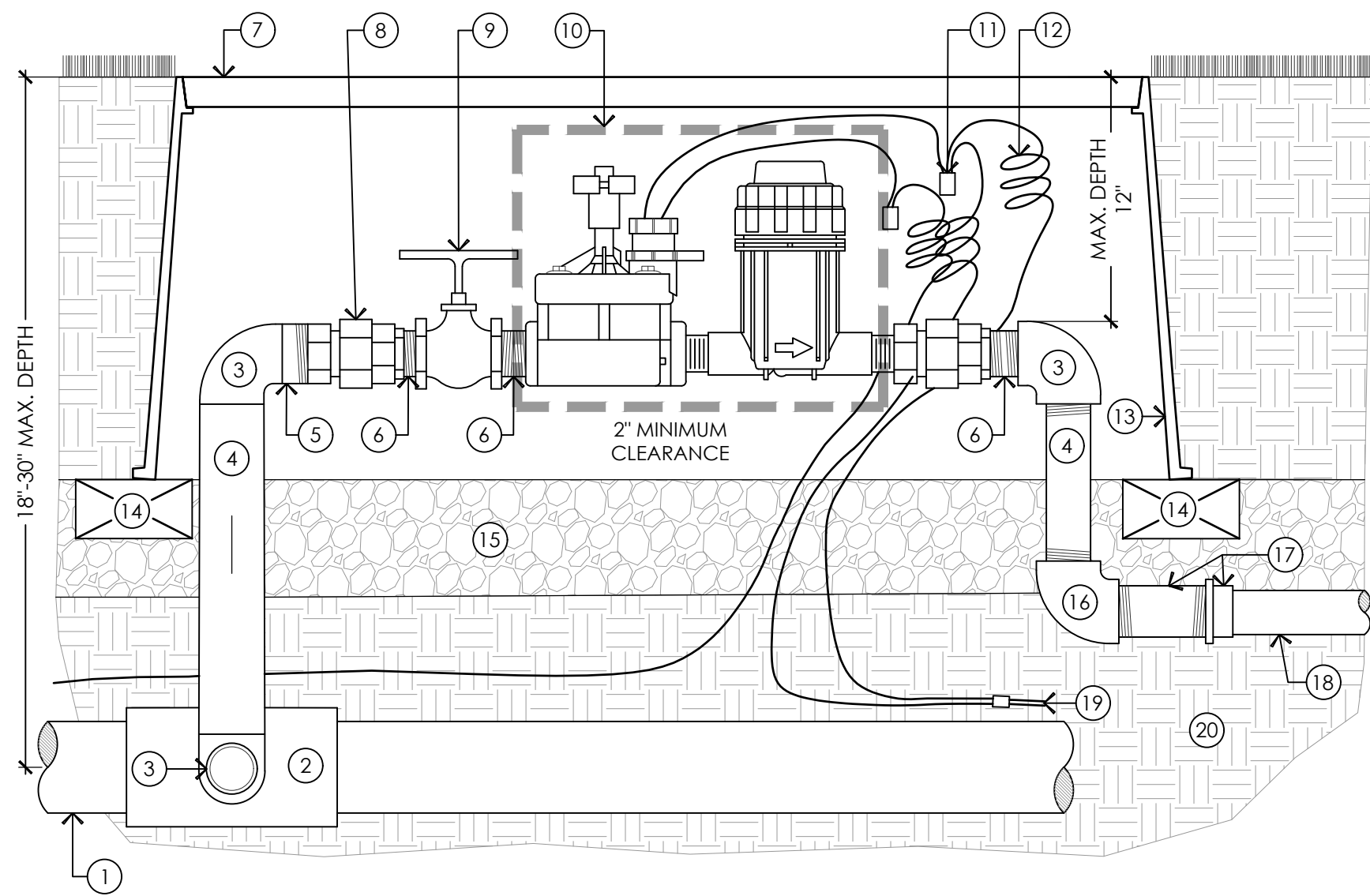
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LI-501

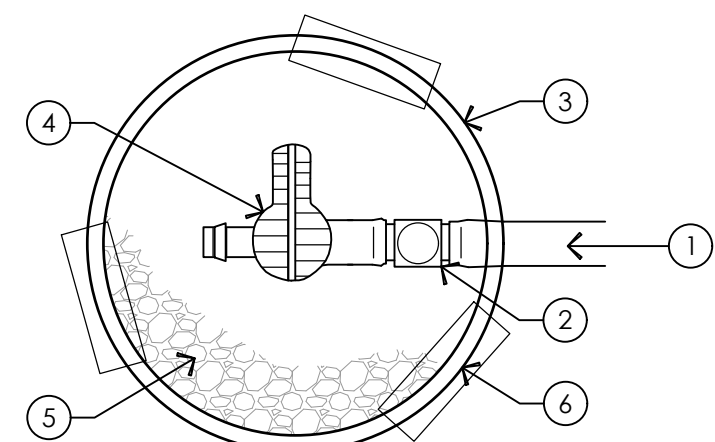
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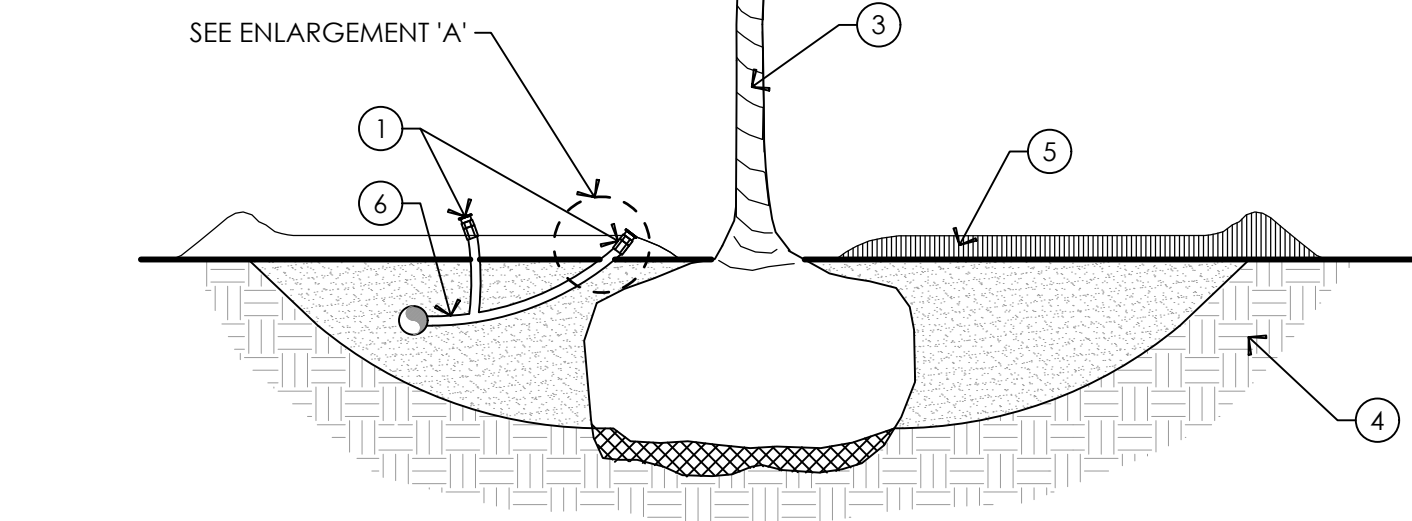
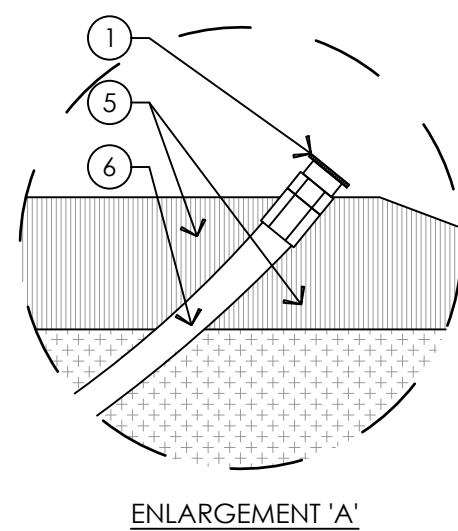
1 CONTROL VALVE ASSEMBLY WITH GATE VALVE
NTS



5 DRIP CONTROL VALVE ASSEMBLY
NTS



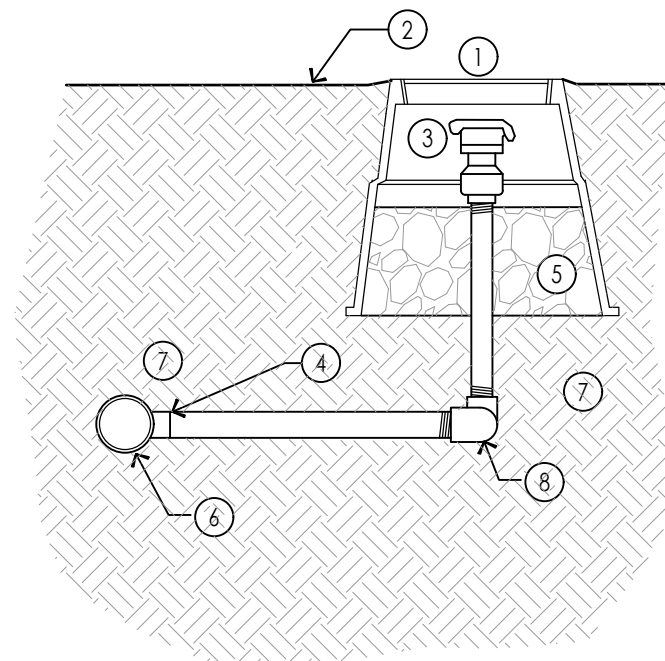
7 LINE FLUSHING VALVE
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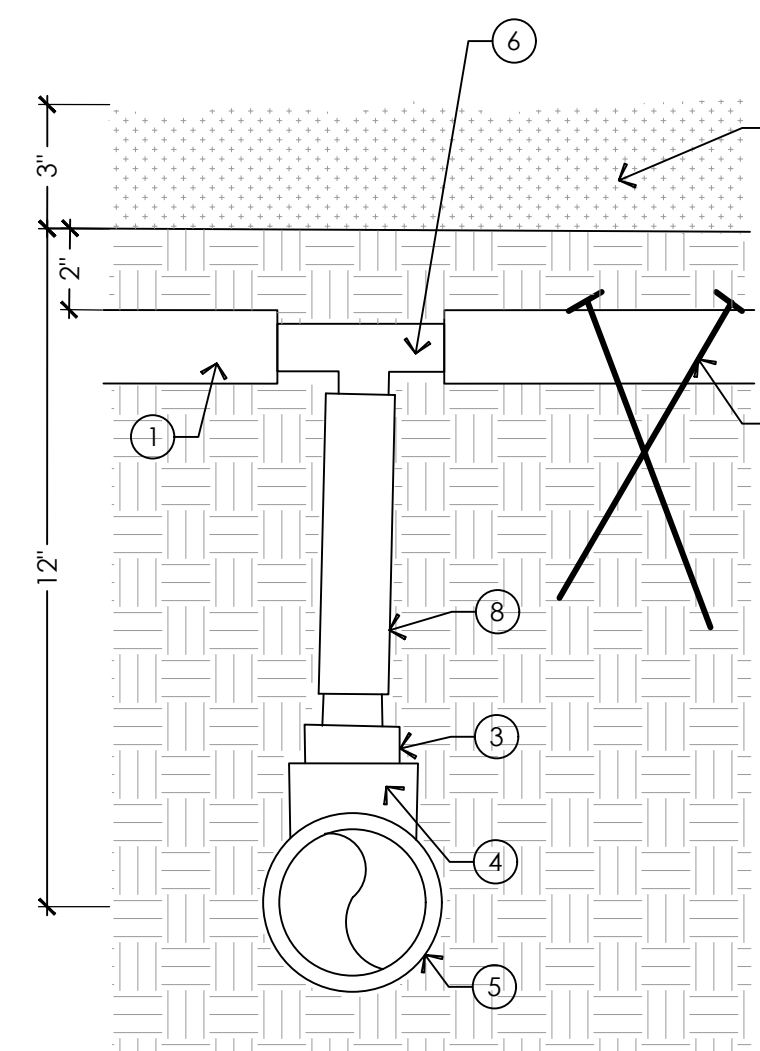
8 TREE & SHRUB BUBBLER WATERING
NTS

- STANDARD OR JUMBO VALVE BOX
 - INSTALL BOX AT FINISH GRADE IN TURF AREAS AND LEVEL WITH TOP OF MULCH IN PLANTING AREAS
 - 18"-30" MAX. DEPTH
 - MAX. DEPTH 12"
 - IRRIGATION MAIN LINE, SIZE AS PER PLANS
 - HDPE BUTT FUSION ELBOW
 - HDPE PIPE; LENGTH AS REQUIRED
 - PVC SCH. 80 T X T ELL SAME SIZE AS VALVE
 - SCH. 80 NIPPLE ON EITHER SIDE OF GATE VALVE
 - GATE VALVE (LINE SIZE). INSTALL ONE PER CONTROL VALVE CLUSTER. FOR CLUSTERS WITH MORE THAN THREE VALVES, PROVIDE ONE GATE VALVE PER THREE CONTROL VALVES.
 - ELECTRIC REMOTE CONTROL VALVE - SEE IRRIGATION LEGEND
 - SCH. 80 NIPPLE ON EITHER SIDE OF UNION
 - PVC SCH. 80 UNION
 - WATER TIGHT CONNECTORS (3M DBY ONLY)
 - PROVIDE 24" EXPANSION LOOP AT EACH WIRE CONNECTOR IN BOX
 - SCH. 80 ELBOW WITH SCHED. 80 NIPPLE INTO T X T BUSHING TO LATERAL
 - IRRIGATION LATERAL LINE, SIZE AS PER PLANS
 - CONTROL WIRES
 - 6" MIN. DEPTH-1/2" WASHED AGGREGATE
 - THREADED NIPPLE WITH BUSHING
 - HDPE ELECTROFUSION SERVICE TEE WITH BUTT FUSION OUTLET
 - BRICK FOUNDATION OR PRESSURE TREATED WOOD FRAME
 - HDPE THREADED TRANSITION FITTINGS (BUTT FUSION TO BRASS MPT)
- NOTES:
- ONE REMOTE CONTROL VALVE PER STANDARD SIZE VALVE BOX.
 - TWO REMOTE CONTROL VALVES PER JUMBO SIZE VALVE BOX.
 - ALL FITTINGS AND NIPPLES IN MANIFOLD (NOT HDPE MAINLINE CONNECTION) SHALL BE SCH. 80 THREADED PVC USING TEFLON TAPE.
 - VALVE MANIFOLD TO BE INSTALLED GOING AWAY FROM MAIN LINE. MINIMUM OF 1 FOOT BEFORE CHANGE IN DIRECTION.

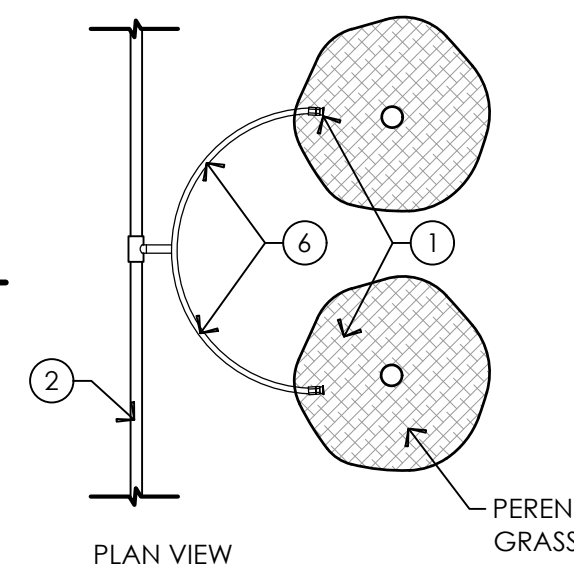
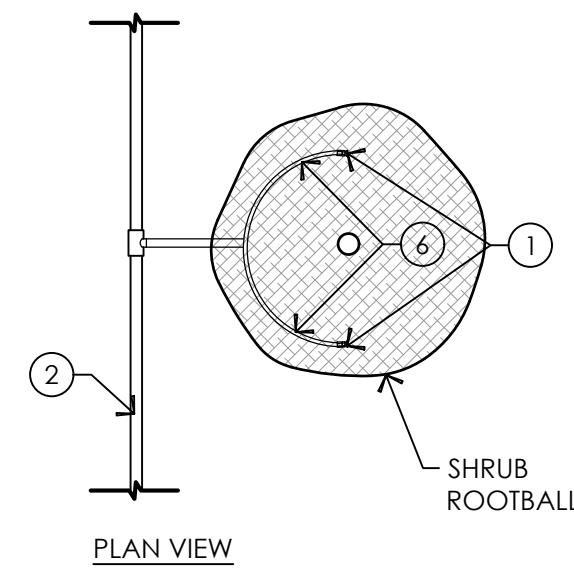
- IRRIGATION MAIN SUPPLY LINE, SIZE AS PER DRAWINGS
 - HDPE ELECTROFUSION SERVICE TEE WITH BUTT FUSION OUTLET
 - HDPE BUTT FUSION ELBOW
 - HDPE PIPE; LENGTH AS REQUIRED (TYP.)
 - HDPE THREADED TRANSITION FITTINGS (BUTT FUSION TO BRASS MPT)
 - PVC SCH. 80 NIPPLE LENGTH AS REQUIRED (TYP.)
 - INSTALL BOX 1/2" ABOVE FINISH GRADE (TOP OF MULCH OR TURF)
 - SCH. 80 UNION (TYP.)
 - GATE VALVE (LINE SIZE). INSTALL ONE PER CONTROL VALVE CLUSTER. OR CLUSTERS WITH MORE THAN THREE VALVES, PROVIDE ONE GATE VALVE PER THREE CONTROL VALVES.
 - DRIP CONTROL KIT - SEE DRAWINGS
 - WATER TIGHT CONNECTORS (SEE SPECS.)
 - PROVIDE 24" EXPANSION LOOP AT EACH WIRE CONNECTOR IN BOX.
 - CARSON BROOKS VALVE BOX WITH BOLT DOWN LID. SIZE AS NECESSARY TO CONTAIN VALVE, FILTER, AND PRESSURE REGULATOR IN SAME BOX.
 - BRICK FOUNDATION OR PRESSURE TREATED WOOD FRAME
 - 6" MIN. DEPTH - 1/2" WASHED AGGREGATE
 - SCH. 80 ELBOW WITH SCH. 80 NIPPLE INTO T X T BUSHING TO LATERAL
 - THREADED NIPPLE WITH BUSHING
 - IRRIGATION LATERAL LINE, SIZE AS PER PLANS
 - CONTROL WIRES
 - 90% COMPACTED SUB-GRADE
- NOTES:
- SEE SPECS FOR HDPE PIPE RELATED INFO.
 - VALVE MANIFOLD TO BE INSTALLED GOING AWAY FROM MAIN LINE. MINIMUM OF 1 FOOT BEFORE CHANGE IN DIRECTION.
 - LOCATE ALL VALVE BOXES IN LANDSCAPE AREAS UNLESS OTHERWISE INDICATED.
 - CONTRACTOR TO ENSURE VALVE BOXES ARE SIZED TO ACCOMMODATE ALL DETAILED EQUIPMENT. VALVE BOXES MUST ALSO PROVIDE SUFFICIENT INTERNAL CLEARANCE AND ACCESS SPACE TO ALLOW FOR PROPER OPERATION AND MAINTENANCE OF ALL EQUIPMENT WITHIN.



2 QUICK COUPLING VALVE ASSEMBLY
NTS

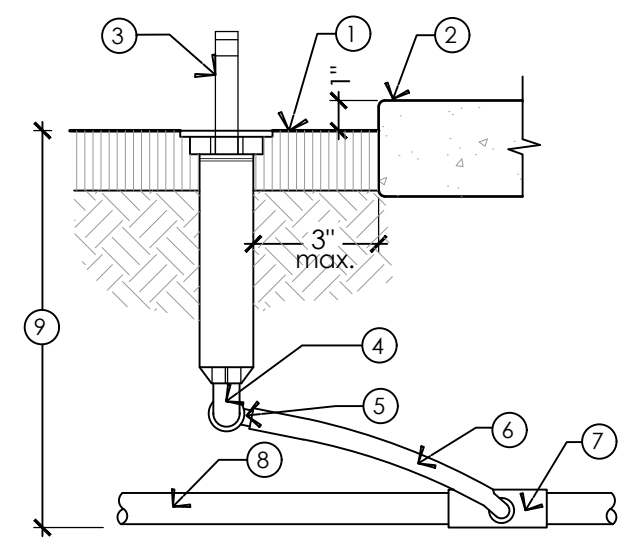


6 DRIP TUBING CONNECTION
NTS

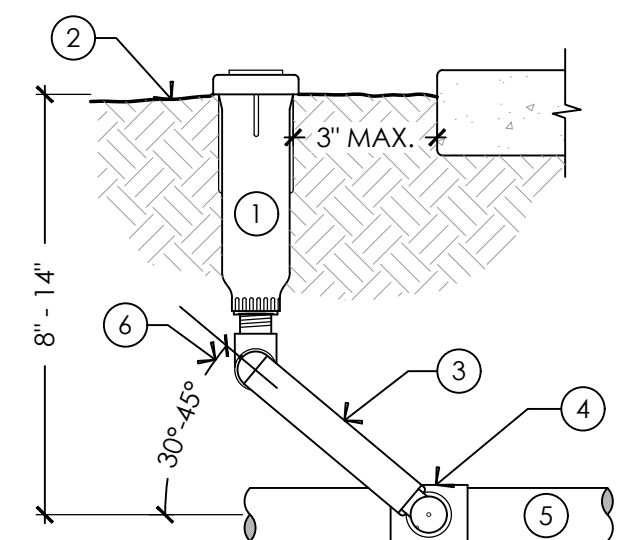


- SEE IRRIGATION SCHEDULE FOR EMITTER QUANTITY. FIRST ROW OF EMITTERS SHALL BE CENTERED BETWEEN TREE TRUNK AND EDGE OF ROOTBALL. SECOND ROW OF EMITTERS SHALL BE PLACED 24" FROM PREVIOUS ROW. HALF OF THE EMITTERS SHALL BE INSTALLED ON ROW ONE AND THE REMAINING EMITTERS ON ROW TWO. PLACEMENT OF EMITTER SHALL BE SPACED EVENLY AROUND TREE AND ROWS SHALL BE OFFSET.
- IRRIGATION LATERAL LINE
- SEE PLANTING DETAIL
- UNDISTURBED SUBGRADE
- MULCH
- 1/2" POLYETHYLENE SWING PIPE, LENGTH AS NEEDED

- NOTES:
- TREES PLANTED ON SLOPE SHALL HAVE 2 EMITTERS PLACED ON UPHILL SIDE OF ROOTBALL. SHRUB EMITTERS SHALL BE PLACED ON UPHILL SIDE OF ROOTBALL.



3 POP-UP SPRAY HEAD
NTS



4 POP-UP ROTOR SPRINKLER
NTS

- INSTALL HEAD AT FINISH GRADE IN TURF AREAS AND LEVEL WITH TOP OF BARK MULCH IN PLANTING BEDS
 - TOP OF HARDSCAPE
 - POP-UP SPRAY HEAD - REFER TO IRRIGATION LEGEND
 - 1/2" MARLEX STREET ELBOW (SAME SIZE AS HEAD INLET)
 - 1/2" SWING PIPE ELL
 - RAINBIRD OR TORO FLEX SWING PIPE. 12" MIN. LENGTH. SCHEDULE 40 SxSxT TEE
 - LATERAL LINE- SIZE AS PER PLANS
 - DEPTH OF COVER TO BE 8"-14".
- NOTES:
- ALL SPRAY HEADS TO BE PLACED 2'-3' CLEAR OF ALL HARDSCAPE SURFACES.
- POP-UP ROTOR SPRINKLER - SEE LEGEND
 - FINISH GRADE
 - SWING JOINT ASSEMBLY WITH 10" LAY LENGTH AND SWING X MIPT AT THE LAT. LINE FITTING
 - PVC SCH. 40 SxSxT TEE (OR SXT ELL)
 - PVC LATERAL LINE, SIZE AS NOTED ON PLAN
 - SWING JOINT ARM INSTALLED AT ANGLE BETWEEN 30 AND 45 DGR. OF LATERAL PIPE. USE MALE THREAD MODEL
- NOTE:
- ALL HEADS TO BE PLACES 2'-3' CLEAR OF ALL HARDSCAPE SURFACES.

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1417 S. 350 E.
PROVO, UT 84606

■ CONSULTANTS:

PROVO FORT UTAH PARK

200 N. GENEVA ROAD
PROVO, UT 84601

■ REVISIONS:

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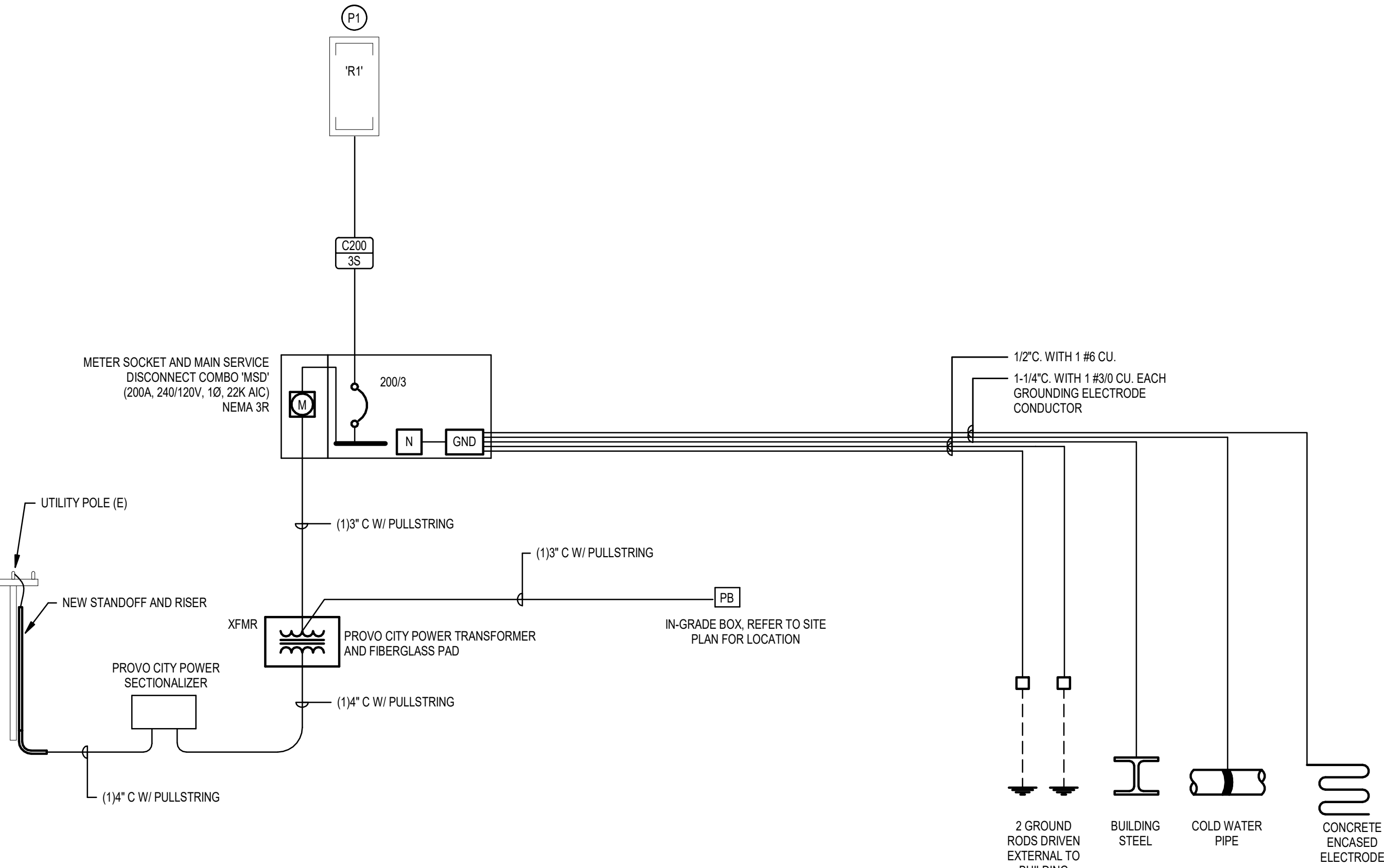
STATE OF UTAH
LANDSCAPE ARCHITECT
MATTHEW K. WINWARD
NO. 5083714
10-07-2008

■ SHEET TITLE:
IRRIGATION
DETAILS

■ DATE: 5-29-2026
■ DRAWN BY: JLH
■ CHECKED BY: MKW/JKW
■ JOB NO.: U24-028

■ SHEET NO:
LI-502

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2 ONE-LINE DIAGRAM
SCALE: NTS

GENERAL PROJECT NOTES:

- DIVISION 26 CONTRACTOR IS RESPONSIBLE FOR READING AND APPLYING WHAT IS IN THE SPECIFICATIONS TO THIS PROJECT. ANYTHING THAT IS NOT INCLUDED ON THE PROJECT THAT IS CALLED OUT IN THE SPECIFICATION SHALL BE LISTED ON THE SUBSTANTIAL COMPLETION PUNCHLIST. THE CONTRACTOR WILL BE REQUIRED TO REMEDY THESE DEFICIENCIES. THERE WILL BE NO EXCEPTIONS.
- THE CONTRACTOR MAY SCHEDULE A PRE-CONSTRUCTION MEETING. AT THEIR DISCRETION WITH THE ELECTRICAL ENGINEER AND REVIEW THE DRAWINGS AND SPECIFICATIONS. THE MEETING SHALL BE A MAXIMUM OF ONE HOUR AND SHALL TAKE PLACE AT THE ENGINEER'S OFFICE.
- THE FOLLOWING ITEMS ARE SOME OF THE REQUIREMENTS THAT ARE LISTED IN THE SPECIFICATIONS. THESE ITEMS DO NOT REPRESENT ALL ITEMS AND THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL REQUIREMENTS OF THE SPECIFICATIONS:
 - INSULATED THROAT CONNECTORS OR PLASTIC BUSHINGS SHALL BE UTILIZED FOR ALL CONDUIT SIZES USED ON THIS PROJECT.
 - A DEDICATED NEUTRAL CONDUCTOR WILL BE PROVIDED FOR ALL LIGHTING AND POWER CIRCUITS.
 - THE CONTRACTOR SHALL LABEL ALL ELECTRICAL EQUIPMENT AS IT IS CALLED OUT IN THE SPECIFICATIONS.
 - THE CONTRACTOR SHALL PROVIDE SEISMIC SUPPORT AND BRACING FOR ALL ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL AND NATIONAL CODE.
- THE CONTRACTOR SHALL FOLLOW THE PANELBOARD SCHEDULES AS INDICATED IN THE DRAWINGS. EACH CIRCUIT BREAKER HAS BEEN ASSIGNED A SPECIFIC AREA OF THE BUILDING. NO DEVIATION WILL BE ALLOWED WITHOUT THE APPROVAL FROM THE ELECTRICAL ENGINEER.
- THE CONTRACTOR SHALL INSTALL THE WIRE SIZES AS CALLED OUT ON THE ONE-LINE DIAGRAM, EQUIPMENT SCHEDULES, VOLTAGE DROP TABLES, AND ELECTRICAL SPECIFICATIONS. HOWEVER, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THE WIRE IS SIZED LARGE ENOUGH TO ALLOW FOR VOLTAGE DROP.
- THE CONTRACTOR SHALL VERIFY ALL MECHANICAL OVERCURRENT DEVICES FOR THE ACTUAL MECHANICAL EQUIPMENT SUPPLIED ON THE JOB, PRIOR TO RELEASE OF ANY ELECTRICAL DISTRIBUTION EQUIPMENT. CONTACT THE ELECTRICAL ENGINEER WITH ANY DISCREPANCIES.
- THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING THE BID, AND SHALL EXAMINE ALL PHYSICAL CONDITIONS WHICH MAY BE MATERIAL TO THE PERFORMANCE OF HIS WORK. NO EXTRA PAYMENTS WILL BE ALLOWED TO THE CONTRACTOR AS A RESULT OF EXTRA WORK MADE NECESSARY BY HIS FAILURE TO DO SO. ANY CASE OF DISCREPANCY OR LACK OF CLARITY SHALL BE PROMPTLY IDENTIFIED TO THE OWNER'S REPRESENTATIVE AND THE ENGINEER FOR CLARIFICATION.
- THE CONTRACTOR SHALL MAKE SURE THAT ALL BRANCH CIRCUITS THAT ARE AFFECTED BY THIS PROJECT ARE NOT OVERLOADED. PROVIDE ADDITIONAL BRANCH CIRCUITS FROM ELECTRICAL PANELS AS NECESSARY TO COMPLY WITH THE BRANCH CIRCUIT LOADING REQUIREMENTS. PROVIDE ALL MATERIAL AND LABOR AS NECESSARY FOR A COMPLETE AND OPERATING SYSTEM.
- PROVIDE UPDATED, TYPED PANELBOARD SCHEDULE(S) TO REFLECT ALL THE CHANGES MADE INCLUDING EXISTING LOADS. THE EXISTING LOADS SHALL BE NAMED THE SAME AS LISTED ON THE EXISTING PANELBOARD SCHEDULE.

ELECTRICAL SYMBOL SCHEDULE GENERAL NOTES

- MOUNT ALL OUTLETS, DEVICES, AND EQUIPMENT AT HEIGHTS INDICATED BELOW, UNLESS NOTED OTHERWISE ON THE DRAWINGS. UNLESS NOTED OTHERWISE, HEIGHTS ARE GIVEN FROM FINISHED FLOOR TO CENTER OF OUTLET BOX.
- WHERE OUTLETS, DEVICES, AND EQUIPMENT ARE NOTED BY SUBSCRIPTS, REFER TO ABBREVIATION SCHEDULE FOR DEFINED REQUIREMENTS.
- WHERE OUTLETS, DEVICES AND EQUIPMENT ARE NOTED BY THE SUBSCRIPT 'A', MOUNT AT 4" ABOVE COUNTER. IF COUNTER HAS A BACK SPLASH, MOUNT AT 4" ABOVE BACK SPLASH. REFER TO ARCHITECTURAL INTERIOR ELEVATIONS AND COORDINATE WITH CASEWORK SUPPLIER.
- NOT ALL ELECTRICAL SYMBOLS MAY BE USED.

GENERAL SYMBOLS

SYMBOL	DESCRIPTION	REMARKS
(XX)	KEYED NOTE	
1 E-1	DETAIL REFERENCE	TOP NUMBER INDICATES DETAIL NUMBER, BOTTOM LETTER-NUMBER INDICATES DRAWING SHEET WHERE DETAIL IS SHOWN, WHERE NOT SPECIFICALLY REFERENCED, DETAIL IS GENERAL IN NATURE AND SHALL APPLY WHERE APPLICABLE.
2 E-2	ELEVATION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER, BOTTOM LETTER-NUMBER INDICATES WHERE ELEVATION IS SHOWN.
3 E-2	SECTION REFERENCE	TOP NUMBER INDICATES ELEVATION NUMBER, BOTTOM LETTER-NUMBER INDICATES WHERE ELEVATION IS SHOWN.
100	ARCHITECTURAL ROOM NUMBER	
AHU 1	EQUIPMENT NAME / NUMBER	TOP NUMBER ABBREVIATES EQUIPMENT NAME OR TYPE, BOTTOM NUMBER INDICATES EQUIPMENT NUMBER, REFER TO EQUIPMENT SCHEDULE.
⚠	REVISION NUMBER	USED TO DENOTE CHANGES EITHER ISSUED BY ADDENDUM OR DURING CONSTRUCTION AND TO DENOTE RECORD DRAWING CHANGES.
☁	REVISION CLOUD	USED TO DENOTE AREAS, DEVICES, EQUIPMENT DETAILS, ETC. AFFECTED BY THE REVISION.
⚡	BREAKLINE	USED TO BREAK DRAWINGS.
LCD-###	LIGHTING CONTROL WIRING DIAGRAM CALLOUT	

BRANCH CIRCUITING SYMBOLS

SYMBOL	DESCRIPTION	REMARKS
➤	BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED.
— —	BRANCH CIRCUITING (U.N.O.) CONTINUATION	
— —	CONDUIT STUB-IN	CAP AND MARK.
— —	INCOMING SERVICE	
-----	UNDERGROUND FEEDER	
Ⓚ	JUNCTION BOX	MOUNT AS NOTED. SUBSCRIPT 'F' INDICATES TO PROVIDE A FLOOR BOX WITH BLANK COVERPLATE.
—○—	BRANCH CIRCUITING (U.N.O.) TURNED UP OR TOWARDS OBSERVER.	
—○—	BRANCH CIRCUITING (U.N.O.) TURNED DOWN OR AWAY FROM OBSERVER.	
➤➤	2 CIRCUIT, BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED.
➤➤➤	3 CIRCUIT, 4 WIRE BRANCH CIRCUIT HOME RUN TO PANEL	ARROWS: NUMBER OF ARROWS INDICATES NUMBER OF CIRCUITS REQUIRED.

ABBREVIATION SCHEDULE

NOTE: NOT ALL ABBREVIATIONS MAY BE USED.

A	ABOVE COUNTER	LS	LONG-TIME, SHORT-TIME
A	AMP OR AMPS	LSI	LONG-TIME, SHORT-TIME INSTANTANEOUS
ACC	ACCESS CONTROL	LSIG	LONG-TIME, SHORT-TIME INSTANTANEOUS GROUND FAULT LIGHTING
ADJ	ADJACENT	LTG	MAIN BONDING JUMPER
AFF	ABOVE FINISHED FLOOR	MBJ	MINIMUM CIRCUIT AMPS
AHJ	AUTHORITY HAVING JURISDICTION	MCA	MAIN CIRCUIT BREAKER
AL	ALUMINUM	MCB	MAIN LUGS ONLY
ATS	AUTOMATIC TRANSFER SWITCH	MLO	MEDIUM VOLTAGE
AUX	AUXILIARY	MV	MICROWAVE
AWG	AMERICAN WIRE GAUGE	MW	MICROWAVE
BAS	BUILDING AUTOMATION SYSTEM	NC	NORMALLY CLOSED
BLDG	BUILDING	NEC	NATIONAL ELECTRIC CODE
C	CONDUIT	NIC	NOT IN CONTRACT
CB	CIRCUIT BREAKER	NL	NIGHT LIGHT
OKT	CIRCUIT	NO	NORMALLY OPEN
CLG	CEILING	OC	ON CENTER(S)
CO	CONVENIENCE OUTLETS	OC	ON CENTER(S)
COMM	COMMUNICATIONS	OC	OVER CURRENT PROTECTION
CJ	COPPER	OC	OVER CURRENT PROTECTION DEVICE
(D)	DEMOLISH	PA	PUBLIC ADDRESS
DAS	DISTRIBUTED ANTENNA SYSTEM	PH	PHASE
(E)	EXISTING	PV	PHOTOVOLTAIC
EA	EACH	PWR	POWER
EG	EQUIPMENT GROUND	QTY	QUANTITY
EGC	EQUIPMENT GROUNDING CONDUCTOR	R	REMOVE
ELEC	ELECTRICAL	REF	REFRIGERATOR
EM	EMERGENCY	REQ	REQUIREMENTS
EMT	ELECTRIC METALLIC TUBING	RGC	RIGID GALVANIZED METALLIC CONDUIT
ENT	ELECTRIC NONMETALLIC TUBING	RMC	RIGID METAL CONDUIT
EQUIP	EQUIPMENT	RMP	ROCKY MOUNTAIN POWER
EWC	ELECTRIC WATER COOLER	RNC	RIGID NONMETALLIC CONDUIT
EXP	EXPLOSION PROOF	RR	REMOVE AND RELOCATE
FA	FIRE ALARM	S	SURFACE MOUNTED
FACP	FIRE ALARM CONTROL PANEL	SBJ	SYSTEM BONDING JUMPER
FLA	FULL LOAD AMPS	SCP	SECURITY CONTROL PANEL
FMC	FLEXIBLE METAL CONDUIT	SFL	SUB-FEED LUGS
FO	FIBER OPTIC	SPD	SURGE PROTECTIVE DEVICE
FOB	FREIGHT ON BOARD	SS	SURGE SUPPRESSION
FTL	FEED-THROUGH LUGS	SSBJ	SUPPLY SIDE BONDING JUMPER
GEC	GROUNDING ELECTRODE CONDUCTOR	TGB	TELECOMMUNICATION GROUNDING BUS BAR
GND	GROUND CONDUCTOR	TMGB	TELECOMMUNICATION MAIN GROUNDING BUS BAR
H	HOSPITAL GRADE	TR	TAMPER RESISTANT
HOA	HAND-OFF-AUTO	TTB	TELEPHONE TERMINAL BOARD
HP	HORSE POWER	TYP	TYPICAL
HZ	HORIZONTALLY MOUNTED	UF	UNDER FLOOR
IBT	INTERSYSTEM BONDING TERMINATION BAR	UG	UNDERGROUND
ID	INTRUSION DETECTION	UNO	UNLESS NOTED OTHERWISE
IG	ISOLATED GROUND	USB	UNIVERSAL SERIAL BUS
IMC	INTERMEDIATE METAL CONDUIT	VSS	VIDEO SURVEILLANCE SYSTEM
INS	INSULATED	W/	WITH
ISO	ISOLATED	WO/	WITHOUT
KMIL	KILO CIRCULAR MIL	WP	WEATHER PROOF
KVA	KILO VOLT AMPERES	WR	WEATHER RESISTANT
KW	KILOWATTS	XFMR	TRANSFORMER
LFNC	LIQUID-TIGHT NONMETAL CONDUIT		

SHEET INDEX

EG001	SYMBOLS, NOTES, AND ONE-LINE
EG002	DETAILS
EE101	NORTH SITE PLAN - ELECTRICAL
EE102	SOUTH SITE PLAN - ELECTRICAL
EE801	SCHEDULES

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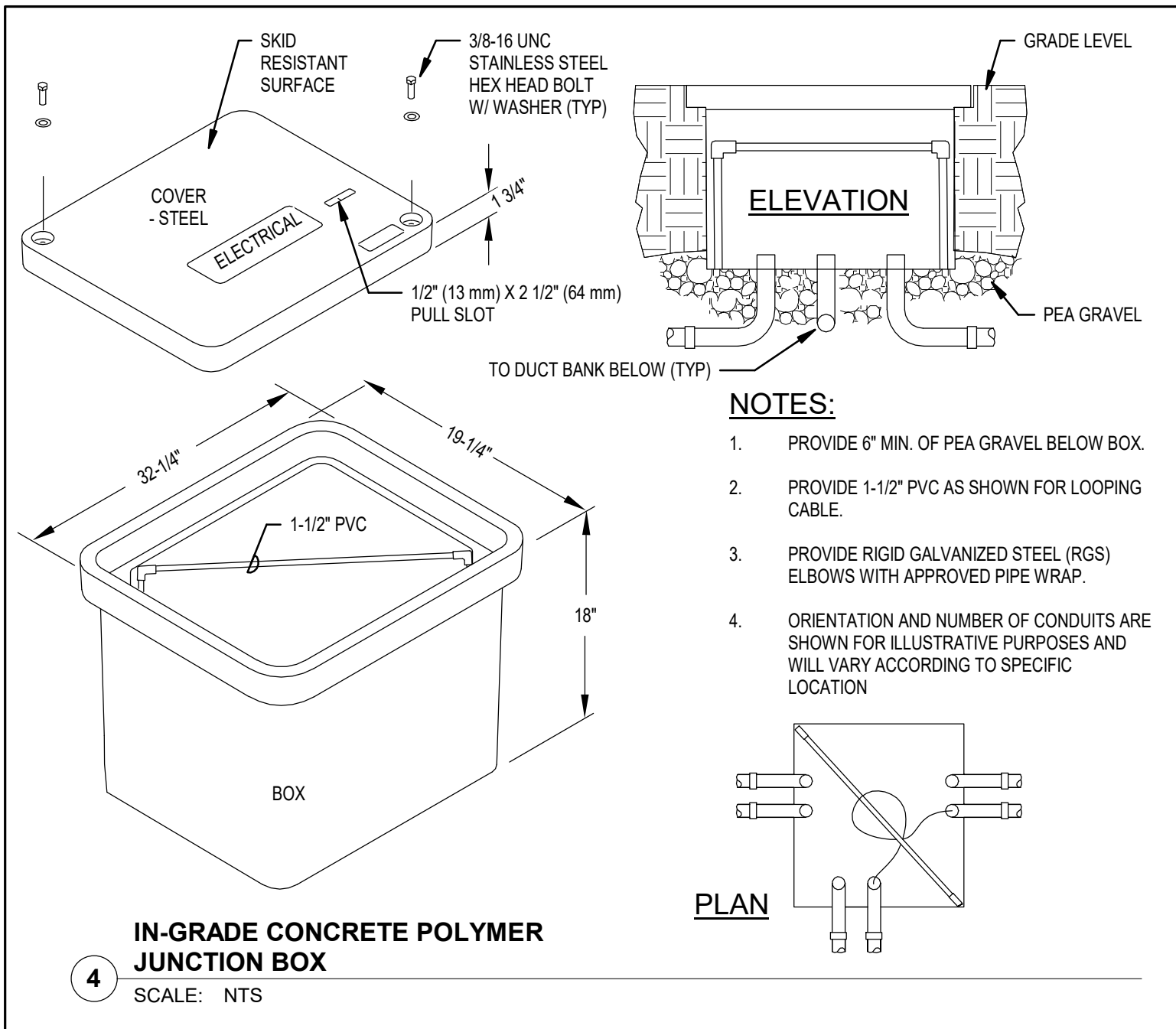
■ SHEET TITLE:
SYMBOLS,
NOTES, AND
ONE-LINE

■ DATE: 07/14/2026
■ DRAWN BY: YN
■ CHECKED BY: AR
■ JOB NO.: U24-048

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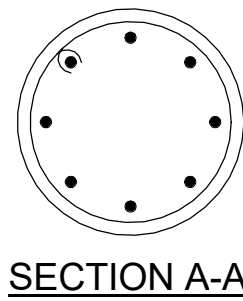
EG001

CONSTRUCTION DOCUMENT - BID SET



LIGHT POLE MOW STRIP AND CONCRETE BASE REQUIREMENTS				
	MOW STRIP REQUIRED (6\"W X 3\"D)	BASE HEIGHT ABOVE GRADE 1\"H (INCHES)	DISTANCE FROM SIDEWALK BICYCLE PATH, OR BACK OF CURB \"X\" (INCHES)	PAINTED YELLOW
PLANTING AREA	YES	12	N/A	NO
NEAR SIDEWALK (PLANTING AREAS)	YES	12	6	NO
NEAR SIDEWALK (HARDSCAPE AREAS)	NO	12	6	NO
NEAR BICYCLE PATH (PLANTING AREAS)	NO	12	18	NO
NEAR BICYCLE PATH (HARDSCAPE AREAS)	NO	12	18	NO
PARKING LOT (INTERIOR TO LOT OR WITHIN 24\" OF BACK OF PARKING LOT CURB)	NO	30	24	YES
ROADWAY	NO	12	12	NO

NOTE: DESIGN SHOWN FOR CONCRETE POLE BASE IS SHOWN FOR INFORMATIONAL PURPOSES ONLY TO CONVEY THE NECESSARY REQUIREMENTS. CONTRACTOR SHALL BE REQUIRED TO PROVIDE A POLE BASE DESIGN AND ASSOCIATED STRUCTURAL CALCULATIONS AND SUBMIT THEM AS A DEFERRED SUBMITTAL FOR REVIEW. THE DESIGN SHALL BE STAMPED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF UTAH, AND SHALL BE BASED UPON THE ACTUAL POLES, FIXTURES, SOIL CONDITIONS, WIND SPEED, ETC.



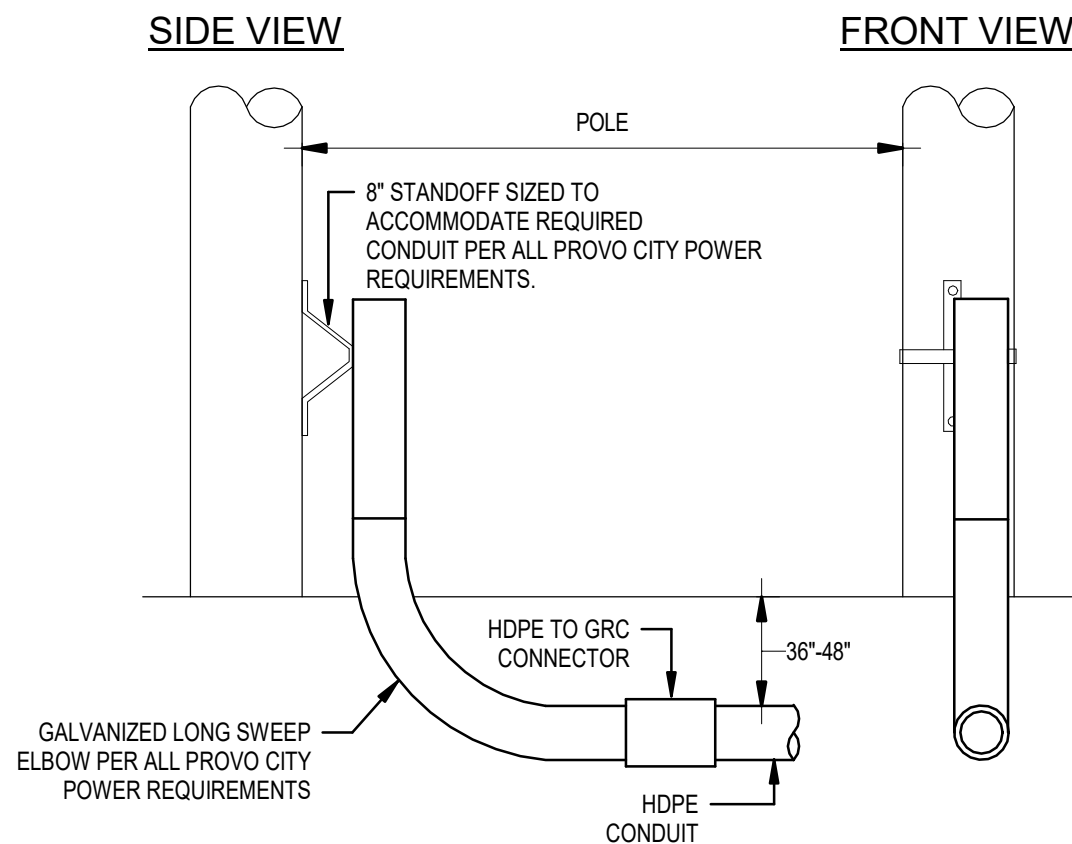
POLE HEIGHT	V ult = 115 MPH		V ult = 150 MPH	
	FTG	DEPTH	FTG	DEPTH
8'-0"	4'-0"	4'-0"		
12'-0"	4'-0"	5'-0"		
20'-0"	5'-0"	6'-0"		
30'-0"	6'-0"	7'-0"		
40'-0"	6'-0"	8'-0"		
60'-0"	?	?		

DESIGN CRITERIA:
2021 IBC
Ss = 2.0, SOIL SITE CLASS D
LATERAL SOIL BRG = 100 PS/FT
ASSUMED 4.0 FT AT TOP POLE

2 POLE BASE DETAIL
SCALE: NTS

PROVO CITY POWER REQUIREMENTS:

- THE CONTRACTOR SHALL PROVIDE 1ST STANDOFF, LONG SWEEP GALVANIZED ELBOW, AND CONDUIT AS REQUIRED BY PROVO CITY POWER FOR A COMPLETE INSTALLATION. COORDINATE ALL REQUIREMENTS WITH PROVO CITY POWER PRIOR TO ROUGH-IN.



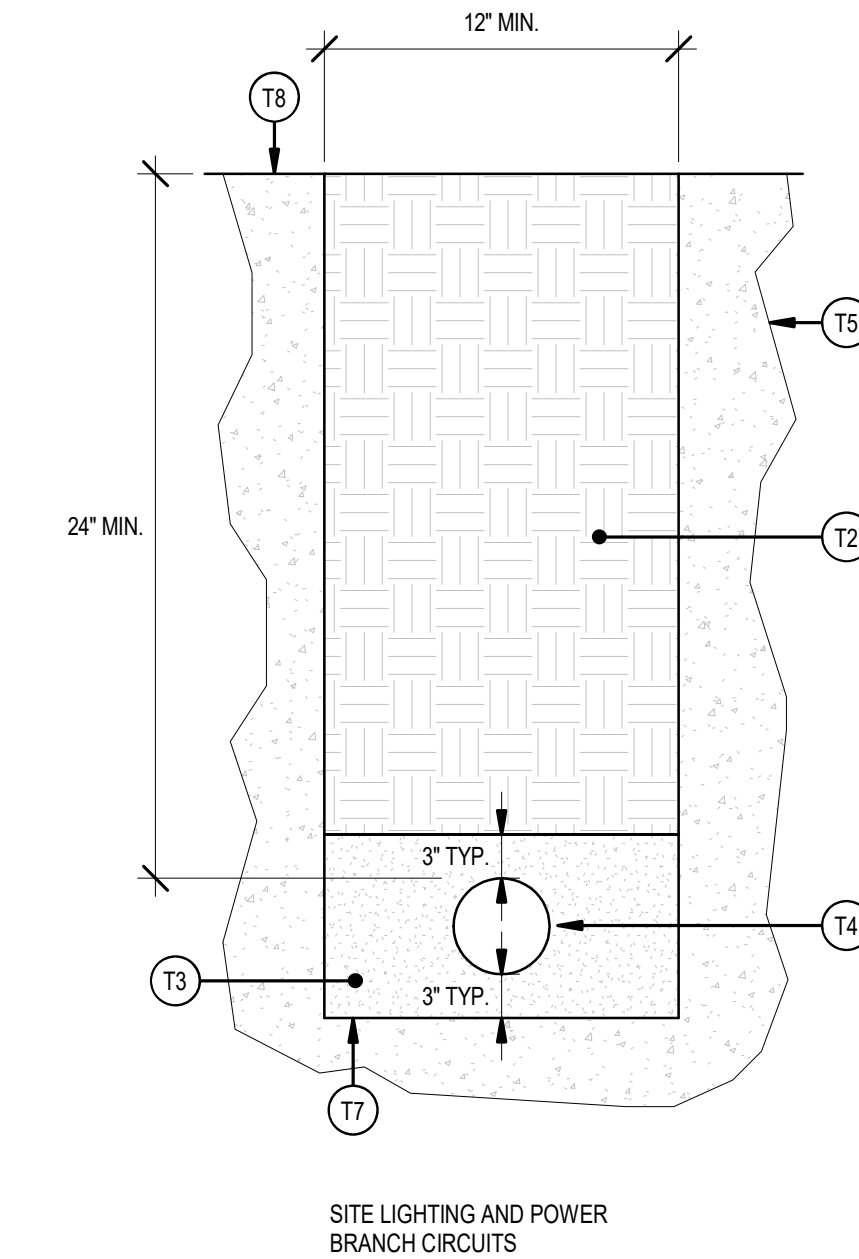
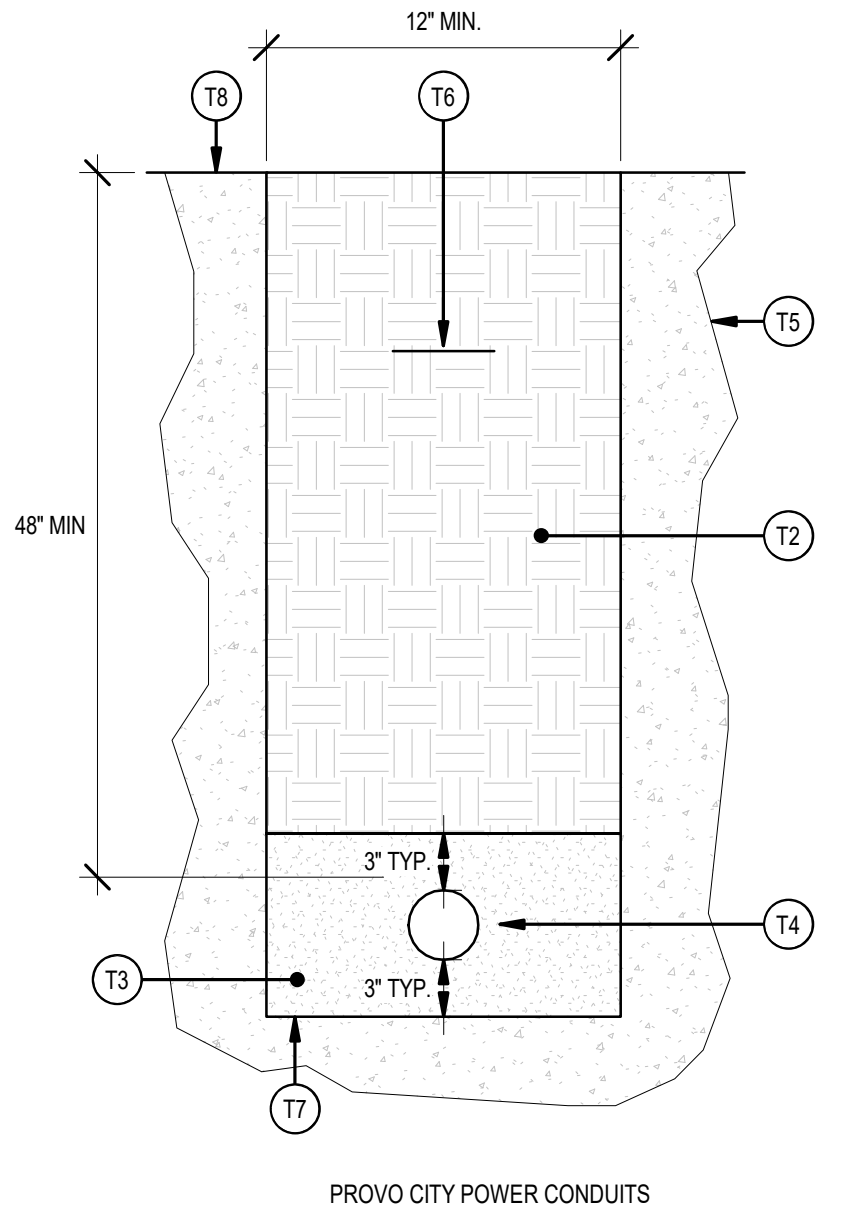
3 PROVO CITY POWER ELBOW AND STAND OFF
SCALE: NTS

TRENCHING KEYED NOTES:

- MARKER TAPE WITH TRACER WIRE LABELED, "CAUTION BURIED ELECTRIC CONDUITS BELOW" DIRECTLY OVER POWER CONDUITS 12" MINIMUM BELOW GRADE.
- CLEAN BACKFILL CONTAINING NO ROCKS LARGER THAN 4" DIA.
- BACKFILL MATERIAL WITHIN 4" TO 6" OF CONDUIT SHALL PASS THROUGH A 3/4" SLEEVE FRAME OR SAND WITHOUT ANY SHARP OR FOREIGN OBJECTS.
- ALL CONDUITS SHOWN SHALL BE SCHEDULE 40 PVC; REFER TO ELECTRICAL SITE PLANS AND ONE-LINE DIAGRAMS FOR SIZES.
- UNDISTURBED EARTH.
- MARKER TAPE WITH TRACER WIRE LABELED, "CAUTION BURIED DATA/COMMUNICATION CONDUIT BELOW" DIRECTLY OVER DATA/COMMUNICATION CONDUITS.
- TRENCHES SHALL BE A UNIFORM DEPTH FOR ENTIRE LENGTH OF TRENCH SO CONDUITS CAN SIT FLAT (HORIZONTAL) WITH THE GROUND.
- FINISHED GRADE.

TRENCHING GENERAL NOTES:

- PROVIDE 200 LB. 1/4" NYLON PULL ROPES IN ALL CONDUITS.
- IN JOINT USE TRENCHES, HORIZONTAL AND VERTICAL SEPARATION BETWEEN CONDUIT SHALL BE MAINTAINED BY INSTALLING HIGH IMPACT SPACERS WITH HORIZONTAL INTERVALS OF EIGHT FEET.
- ALL MARKER TAPE SHALL CONTAIN #10 TRACER WIRE.
- VERIFY ALL REQUIREMENTS WITH NV ENERGY PRIOR TO TRENCHING.
- CONTRACTOR TO CONFIRM TRENCHING REQUIREMENTS WITH UTILITY PRIOR TO TRENCHING.



1 TRENCHING DETAILS
SCALE: NTS

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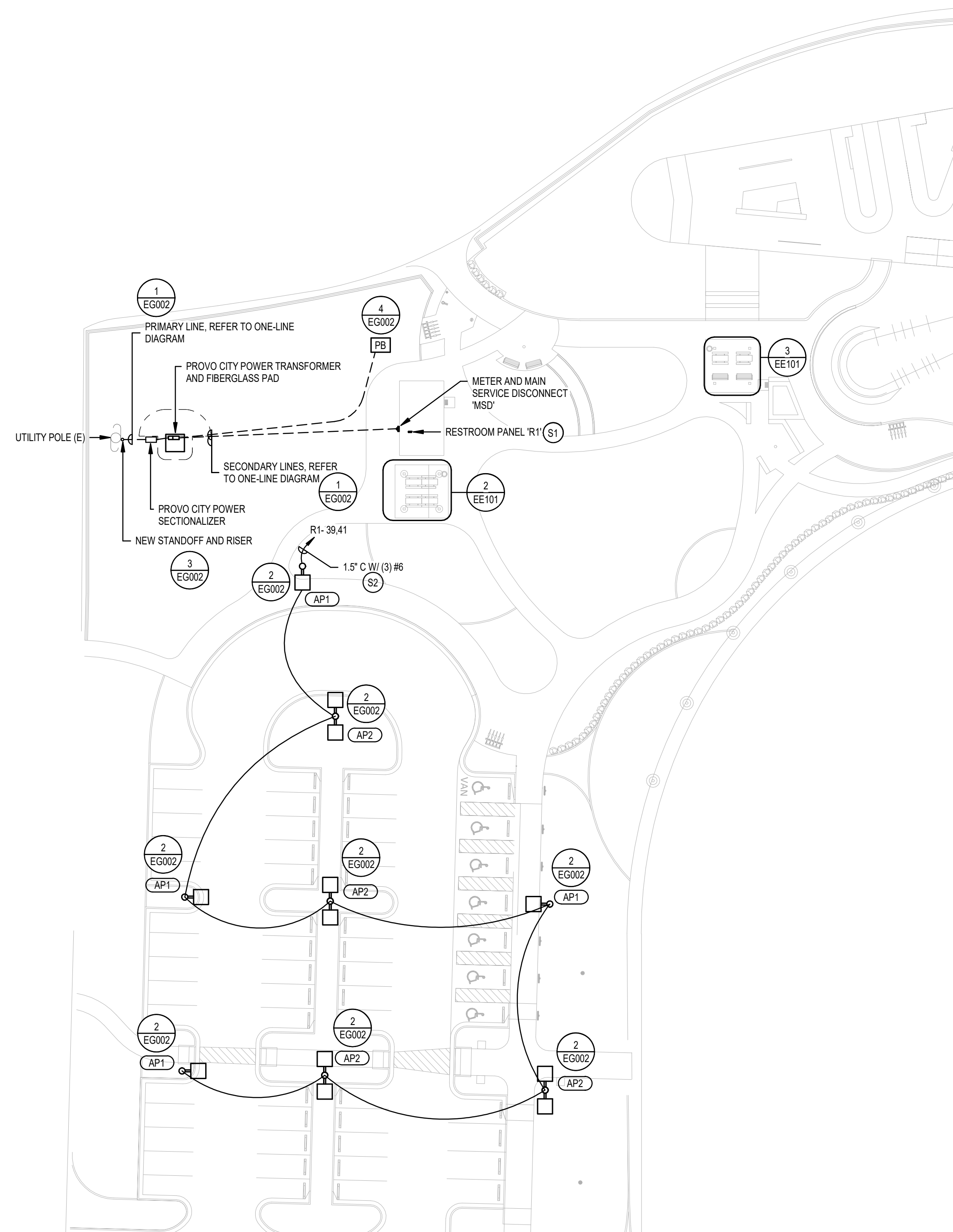
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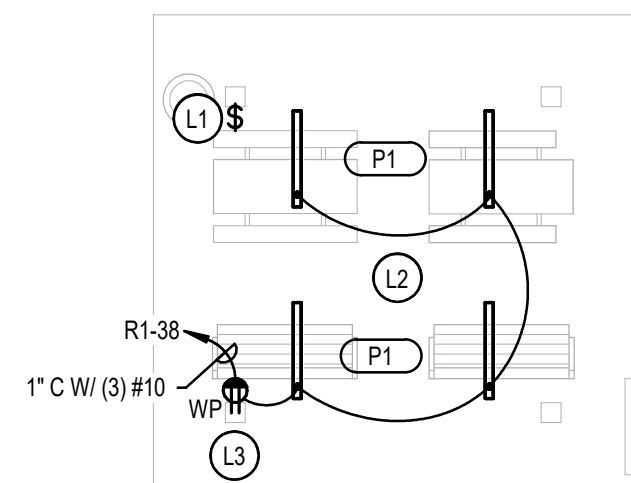
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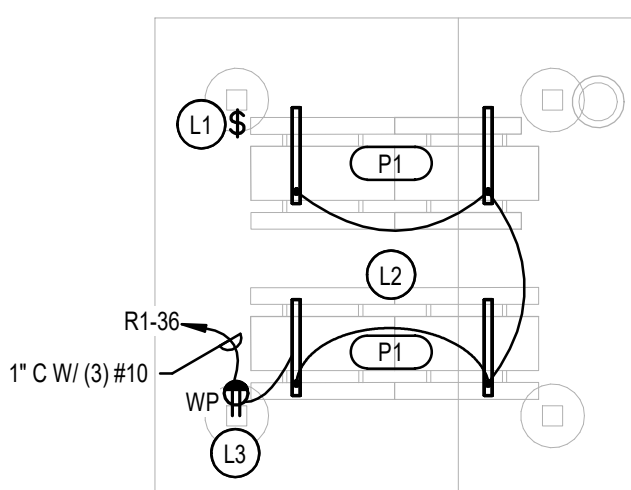
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1 NORTH SITE PLAN - LIGHTING
SCALE: 1" = 30'-0"



3 ENLARGED PAVILION PLAN 2
SCALE: 1/8" = 1'-0"



2 ENLARGED PAVILION PLAN 1
SCALE: 1/8" = 1'-0"

SITE GENERAL NOTES:

1. PROVIDE ALL REQUIRED BACKFILLING, ETC. FOR ALL CONDUITS. PROVIDE REQUIRED BACKFILL MATERIAL AS DIRECTED BY EACH UTILITY.
2. COORDINATE ALL LOCATIONS AND ROUTING WORK IN THE FIELD.
3. ROUTE CONDUITS A MINIMUM OF 6" BELOW THE BUILDING FLOOR SLAB.
4. MINIMUM CONDUIT FOR SITE WORK SHALL BE 1".
5. CONDUIT ROUTING SHOWN IS SCHEMATIC AND FOR CLARIFICATION COORDINATE LOCATION WITH ALL AFFECTED TRADES.
6. PROVIDE A MINIMUM OF 12" SEPARATION BETWEEN POWER AND COMMUNICATION CONDUITS.
7. ALL CONDUITS THAT EXTEND THROUGH CONCRETE SHALL BE GRC OR HDPE OR FIBERGLASS AND WRAPPED WITH TWO (2) LAYERS OF PVC TAPE.
8. ALL ELBOWS THAT ARE UNDER THE FINISHED GRADE SHALL BE GRC OR HDPE OR FIBERGLASS AND WRAPPED WITH TWO (2) LAYERS OF PVC TAPE.
9. ALL SITE LIGHTING AND SITE BRANCH CIRCUITS TO BE MINIMUM #10 AWG COPPER, UPSIZE CONDUIT AND WIRE FURTHER AS REQUIRED FOR VOLTAGE DROP, TO MAINTAIN NO MORE THAN 5% FROM SERVICE.

KEYED NOTES

- | | |
|----|---|
| L1 | PROVIDE LEGRAND RT-200 (OR APPROVED EQUAL) ASTRONOMICAL TIME SWITCH. TIME SWITCH SHALL BE PROGRAMMED TO TURN ON LIGHTS AS SPECIFIED BY THE OWNER AND TURN OFF NO LATER THAN 1 HOUR AFTER PARK CLOSE. PROVIDE LOCKABLE WEATHERPROOF COVER. |
| L2 | ALL WIRING SHALL BE CONCEALED INSIDE STRUCTURAL BEAMS AND COLUMNS WHERE POSSIBLE. DIV 26 CONTRACTOR SHALL COORDINATE ALL EXPOSED CONDUIT WITH LANDSCAPE ARCHITECT. ALL LIGHT FIXTURES SHALL BE INSTALLED ALONG THE STRUCTURAL BEAMS. |
| L3 | PAVILION MANUFACTURER SHALL INSTALL ELECTRICAL RECEPTACLE BOX WITH OPEN BACK INSIDE COLUMN FACING THE PAVILION INTERIOR. LOCATION OF CUT OUT TO BE CENTER OF COLUMN 18" ABOVE FINISHED GRADE. FABRICATOR TO WELD GROUNDING BOX. TO MEET CODE REQUIREMENTS, DIV 26 CONTRACTOR SHALL INSTALL RECEPTACLE AND WEATHERPROOF COVER FLUSH WITH THE COLUMN. |
| S1 | RESTROOM PANEL TO BE PROVIDED PRE-FAB RESTROOM MANUFACTURER. COORDINATE EXACT LOCATION WITH RESTROOM MANUFACTURER. |
| S2 | PROVIDE WIRE REDUCERS AS REQUIRED TO TERMINATE THE UPSIZED CONDUCTORS IN THE PANELBOARD. |

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■ SHEET TITLE:
NORTH SITE
PLAN -
ELECTRICAL

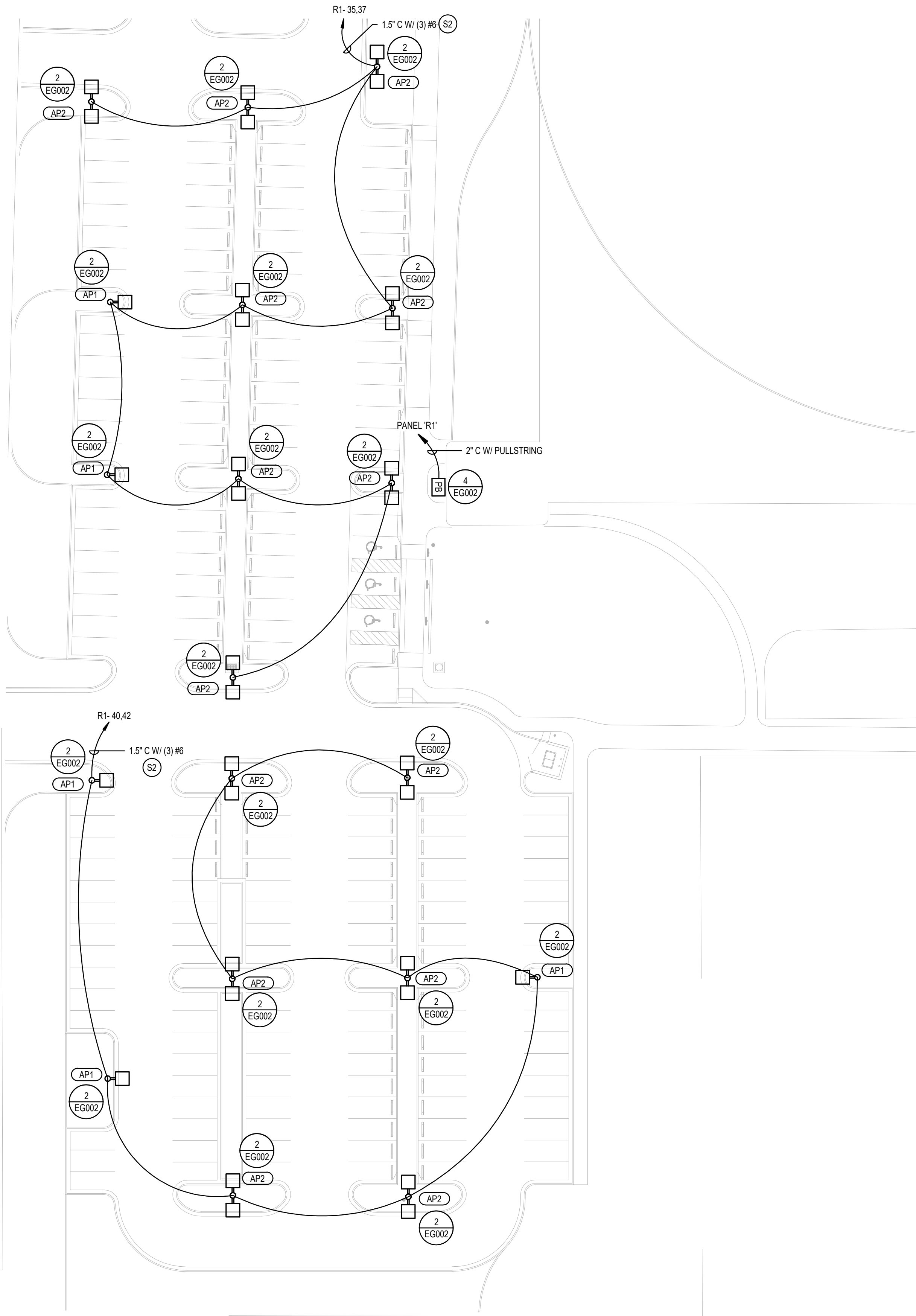
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■ SHEET NO:
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1 SOUTH SITE PLAN - LIGHTING

SCALE: 1" = 30'-0"



SITE GENERAL NOTES:

1. PROVIDE ALL REQUIRED BACKFILLING, ETC. FOR ALL CONDUITS. PROVIDE REQUIRED BACKFILL MATERIAL AS DIRECTED BY EACH UTILITY.
2. COORDINATE ALL LOCATIONS AND ROUTING WORK IN THE FIELD.
3. ROUTE CONDUITS A MINIMUM OF 6" BELOW THE BUILDING FLOOR SLAB.
4. MINIMUM CONDUIT FOR SITE WORK SHALL BE 1".
5. CONDUIT ROUTING SHOWN IS SCHEMATIC AND FOR CLARIFICATION COORDINATE LOCATION WITH ALL AFFECTED TRADES.
6. PROVIDE A MINIMUM OF 12" SEPARATION BETWEEN POWER AND COMMUNICATION CONDUITS.
7. ALL CONDUITS THAT EXTEND THROUGH CONCRETE SHALL BE GRC OR HDPE OR FIBERGLASS AND WRAPPED WITH TWO (2) LAYERS OF PVC TAPE.
8. ALL ELBOWS THAT ARE UNDER THE FINISHED GRADE SHALL BE GRC OR HDPE OR FIBERGLASS AND WRAPPED WITH TWO (2) LAYERS OF PVC TAPE.
9. ALL SITE LIGHTING AND SITE BRANCH CIRCUITS TO BE MINIMUM #10 AWG COPPER. UPSIZE CONDUIT AND WIRE FURTHER AS REQUIRED FOR VOLTAGE DROP, TO MAINTAIN NO MORE THAN 5% FROM SERVICE.

KEYED NOTES (#)

- S2 PROVIDE WIRE REDUCERS AS REQUIRED TO TERMINATE THE UPSIZED CONDUCTORS IN THE PANELBOARD.

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PLAN -
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■ JOB NO.: U24-048

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CONSTRUCTION DOCUMENT - BID SET

PANELBOARD SCHEDULE															
PANEL NAME: R1															
MOUNTING: SURFACE				VOLTAGE: 120/240 Single				LOCATION: MAIN TYPE: MLO				FEED FROM: SPD: NONE			
ENCLOSURE: NA				PHASE: 1				BUS RATING: 225 A				NEUTRAL RATING: 100%			
DOOR TYPE: DOOR-IN-DOOR				WIRES: 3				MCB RATING: 200 A				ISOLATED GROUND: NO			
				Min. A.I.C. RATING: 22,000				BUS MATERIAL: COPPER							
BRANCH BREAKERS															
KEYED NOTE	CIRCUIT DESCRIPTION	AMP	POLE	LOAD TYPE	CKT #	A		B		CKT #	LOAD TYPE	POLE	AMP	CIRCUIT DESCRIPTION	KEYED NOTE
	RES FOR RESTROOM LOADS	--	1	--	1	--	--	--	--	2	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	3	--	--	--	--	4	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	5	--	--	--	--	6	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	7	--	--	--	--	8	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	9	--	--	--	--	10	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	11	--	--	--	--	12	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	13	--	--	--	--	14	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	15	--	--	--	--	16	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	17	--	--	--	--	18	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	19	--	--	--	--	20	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	21	--	--	--	--	22	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	23	--	--	--	--	24	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	25	--	--	--	--	26	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	27	--	--	--	--	28	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	29	--	--	--	--	30	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	31	--	--	--	--	32	--	1	--	RES FOR RESTROOM LOADS	
	RES FOR RESTROOM LOADS	--	1	--	33	--	--	--	--	34	--	1	--	RES FOR RESTROOM LOADS	
	LIGHTING - SOUTH PARKING	20 A	2	L	35	432 VA	500 VA	432 VA	500 VA	36	CO; L	1	20 A	LIGHTING - PAVILION 1	
--	--	--	--	--	37	432 VA	500 VA			38	CO; L	1	20 A	LIGHTING - PAVILION 2	
	LIGHTING - NORTH PARKING	20 A	2	L	39			288 VA	360 VA	40	L	2	20 A	LIGHTING - SOUTH PARKING	
--	--	--	--	--	41	288 VA	360 VA			42	--	--	--	--	--
TOTAL CONNECTED LOAD PER PHASE (VA)						1580 VA		1580 VA							
TOTAL CONNECTED CURRENT PER PHASE (AMPS)						13 A		13 A							
LOAD CLASSIFICATION						CONNECTED LOAD		DEMAND FACTOR		ESTIMATED DEMAND		PANEL TOTALS			
LIGHTING						2800 VA		125.00%		3500 VA					
RECEPTACLE						360 VA		100.00%		360 VA					
												Total Conn. Load: 3160 VA			
												25% OF LARGEST MOTOR:			
												Total Est. Demand: 3860 VA			
												Total Conn. Current: 13 A			
												Total Est. Demand Current: 16 A			
PANELBOARD SCHEDULE KEYED NOTE:															
1. PROVIDE CLASS A GROUND FAULT INTERRUPTER TYPE CIRCUIT BREAKER.															
2. PROVIDE ARC FAULT CIRCUIT INTERRUPTER TYPE CIRCUIT BREAKER.															
3. PROVIDE 30 MILLIAMPERE EQUIPMENT GROUND FAULT PROTECTOR TYPE CIRCUIT BREAKER.															
4. PROVIDE SHUNT TRIP CIRCUIT BREAKER WITH 120 V COIL.															
5. PROVIDE HACR RATED CIRCUIT BREAKER.															
6. PROVIDE HANDLE CLAMP FOR HOLDING CIRCUIT BREAKER IN THE "ON" OR "OFF" POSITION.															
7. PROVIDE SWITCHING RATED CIRCUIT BREAKER.															
8. PROVIDE NEW CIRCUIT BREAKER IN EXISTING PANELBOARD (WHERE PANEL IS LABELED AS EXISTING) OF SAME MANUFACTURER AND A.I.C. RATING AS EXISTING.															
9. EXISTING LOAD.															