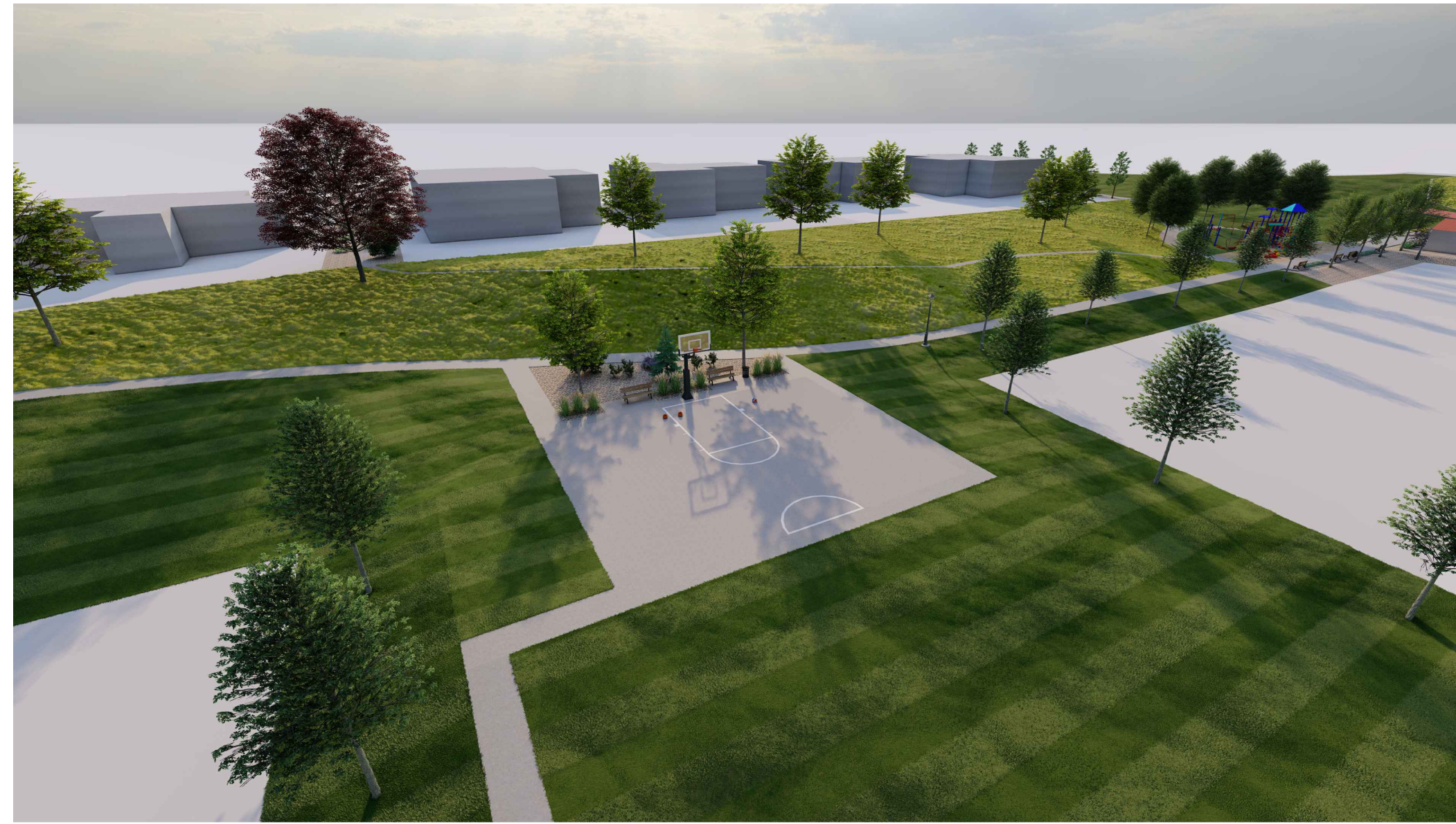
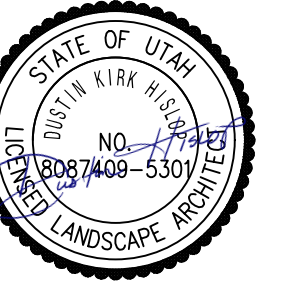


CONSTRUCTION DOCUMENTS

HYRUM CITY
LIBBIE SPRINGS PARK
20 NORTH 680 WEST
HYRUM, UTAH 84319





GENERAL NOTES & SCOPE OF SERVICES

- PROJECT MEASUREMENTS ARE GENERAL GUIDELINES AND BASED OFF SURVEY INCLUDED IN THIS SET OF DRAWINGS. FIELD VERIFY ALL WORK PRIOR TO INSTALLATION.
- REVIEW ALL PLANS PRIOR TO BIDDING AND REPORT ANY DISCREPANCIES TO OWNER. FOLLOW ALL PLANS, DETAILS AND SPECIFICATIONS.
- CITY WILL INSTALL 2" METER AT P.O.C., CONTRACTOR SHALL INSTALL ALL IRRIGATION SHOWN ON PLANS DOWNSTREAM OF METER.
- PROVIDE FULLY FUNCTIONING TRADITIONAL WIRE IRRIGATION SYSTEM AS SHOWN ON PLANS.
- PROVIDE FULLY FUNCTIONAL IRRIGATION WEATHERTRAK MOBILE SETUP, TAKE IMAGES DURING INSTALLATION AND UPLOAD TO WEATHERTRAK MOBILE FOR OWNER TO OPERATE. SEE SPECIFICATIONS FOR REQUIREMENTS.
- ENSURE SLEEVES ARE PLACED PRIOR TO INSTALLATION OF ALL HARDSCAPE. BORE UNDER EXISTING WALKS WHERE SLEEVING OCCURS.
- CONTRACTOR SHALL OBTAIN BUILDING PERMIT AS REQUIRED BY CITY FOR RESTROOM. RESTROOM WORK IS FINISH FLOOR AND BELOW. CITY WILL TAKE OVER AFTER AND COMPLETE REMAINING RESTROOM STRUCTURE.
- CITY TO PROVIDE REBAR CAGE FOR PAVILION FOOTINGS. CONTRACTOR SHALL INSTALL FOOTINGS AND PROVIDE ALL FLATWORK FOR PAVILION.
- CONTRACTOR SHALL PROVIDE ALL PLAYGROUND CURBING, HARDSCAPE AND BASE WORK UP TO PLAYGROUND WORK AS SHOWN ON DETAILS. CITY WILL HIRE PLAYGROUND COMPANY TO INSTALL PLAYGROUND. CONTRACTOR SHALL WORK WITH PLAYGROUND COMPANY ON INSTALLATION TIMELINE.
- CONTRACTOR SHALL PROVIDE ALL GRADING WORK TO PREP PICKLEBALL COURT. CITY WILL HIRE OUT PICKLEBALL COURT INSTALLATION.
- NATIVE CABIN GRASS AREAS SHALL BE MAINTAINED BY CONTRACTOR FOR ALL OF 2025 YEAR AND SHALL BE KEPT WEED FREE AND HAVE ADDITIONAL HYDRO SEEDING APPLIED TO ANY AREAS NOT LUSH.
- PROTECT EXISTING WATER SPRING SOURCE & DRAINAGE DURING CONSTRUCTION. PROVIDE REROUTE OF WATER DURING WATER WAY IMPROVEMENT CONSTRUCTION, THEN RESTORE TO WATERWAY ROUTE.
- GENERAL PARK DESIGN IS PER EXISTING GRADES. ADJUST GRADES PER GRADING PLAN IN AREAS FOR IMPROVEMENT AND PROVIDE SMOOTH TRANSITION BACK TO EXISTING GRADES IN ALL AREAS.
- IMPORT TWO INCHES OF NEW TOP SOIL TO ADD TO EXISTING IN ALL PLANT AREAS, INCLUDING SOD AND NATIVE CABIN GRASS.
- PROVIDE DUST MANAGEMENT DURING CONSTRUCTION PER CITY REQUIREMENTS.

PEDESTRIAN BRIDGE

- PROVIDE LINKS BRIDGE "THE WOODY" OR SIMILAR WITH WEATHERED WOOD FINISH.
- BRIDGE SIZE SHALL BE 6' X 20'.
- PROVIDE CONCRETE ABUTMENT PER MANUFACTURERS RECOMMENDATIONS.

SHEET INDEX

G001	GENERAL NOTES & INFORMATION
C001	TOPOGRAPHIC SURVEY
C101	LAYOUT PLAN
C102	LAYOUT PLAN
C201	GRADING PLAN
C202	GRADING PLAN
C500	SITE DETAILS
C501	SITE DETAILS
C502	POST TENSION PICKLEBALL DETAILS
C600	SITE SPECIFICATIONS
C601	SITE SPECIFICATIONS
C602	SITE SPECIFICATIONS
L101	PLANTING PLAN
L102	PLANTING PLAN
L200	OVERALL IRRIGATION PLAN
L201	IRRIGATION PLAN
L202	IRRIGATION PLAN
L300	CONCEPTUAL GRAPHICS
L500	PLANTING DETAILS
L501	IRRIGATION DETAILS
L502	IRRIGATION DETAILS

TEAM

OWNER

HYRUM CITY
60 WEST MAIN STREET
HYRUM, UTAH 84319
NED FREDRICKSON
PHONE: 435.994.4017
EMAIL: ned.fredrickson@hyrumcity.gov

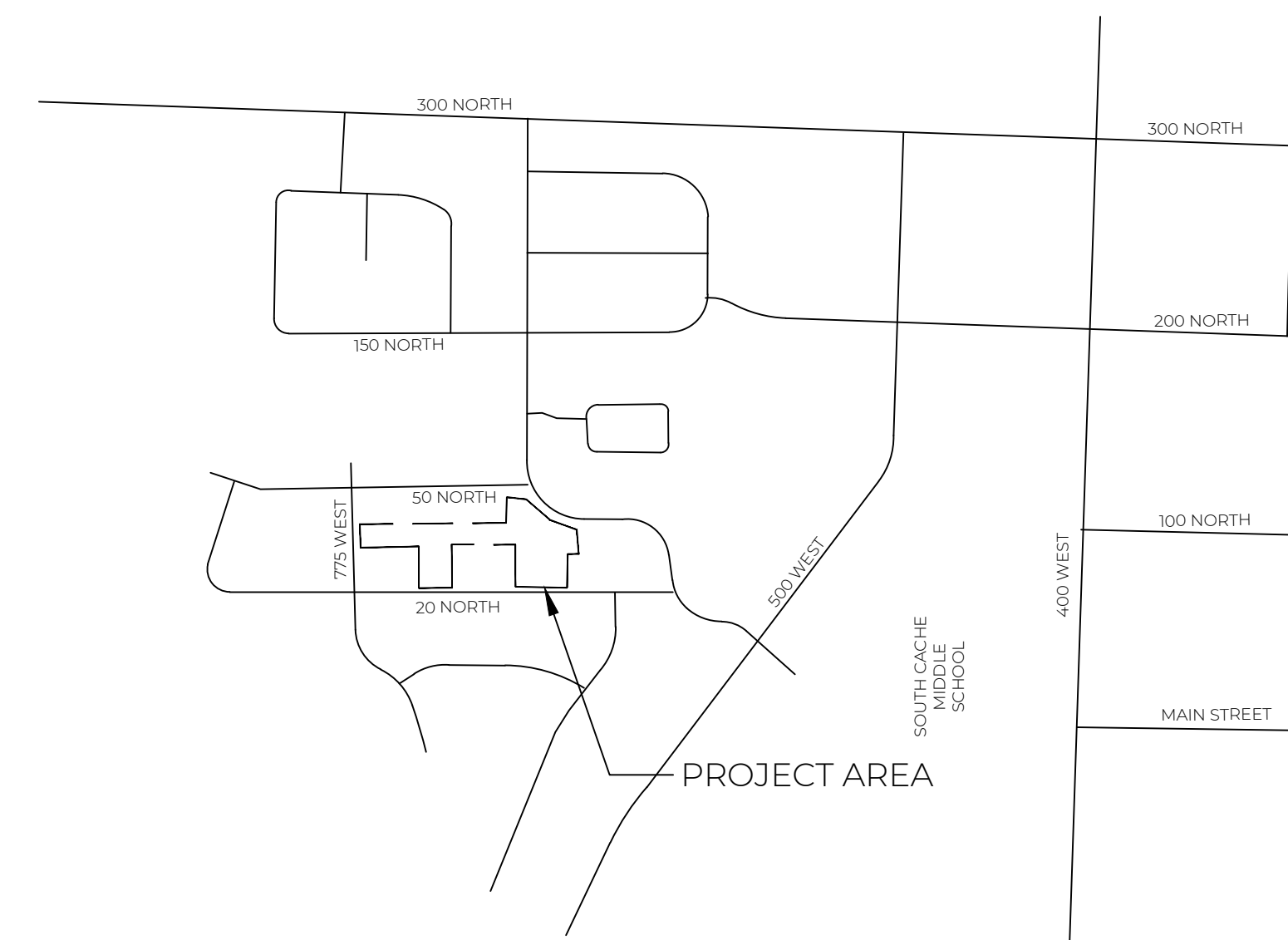
LANDSCAPE ARCHITECT

PRIME LANDSCAPE ARCHITECTURE
1524 W 3045 S
NIBLEY, UTAH 84321
DUSTIN HISLOP
PHONE: 801.528.2856
EMAIL: dustin.hislop@gmail.com

SITE MAP



VICINITY MAP



PLANTING PLAN

TITLE	LIBBIE SPRINGS PARK
PROJECT	HYRUM CITY
CLIENT	
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS

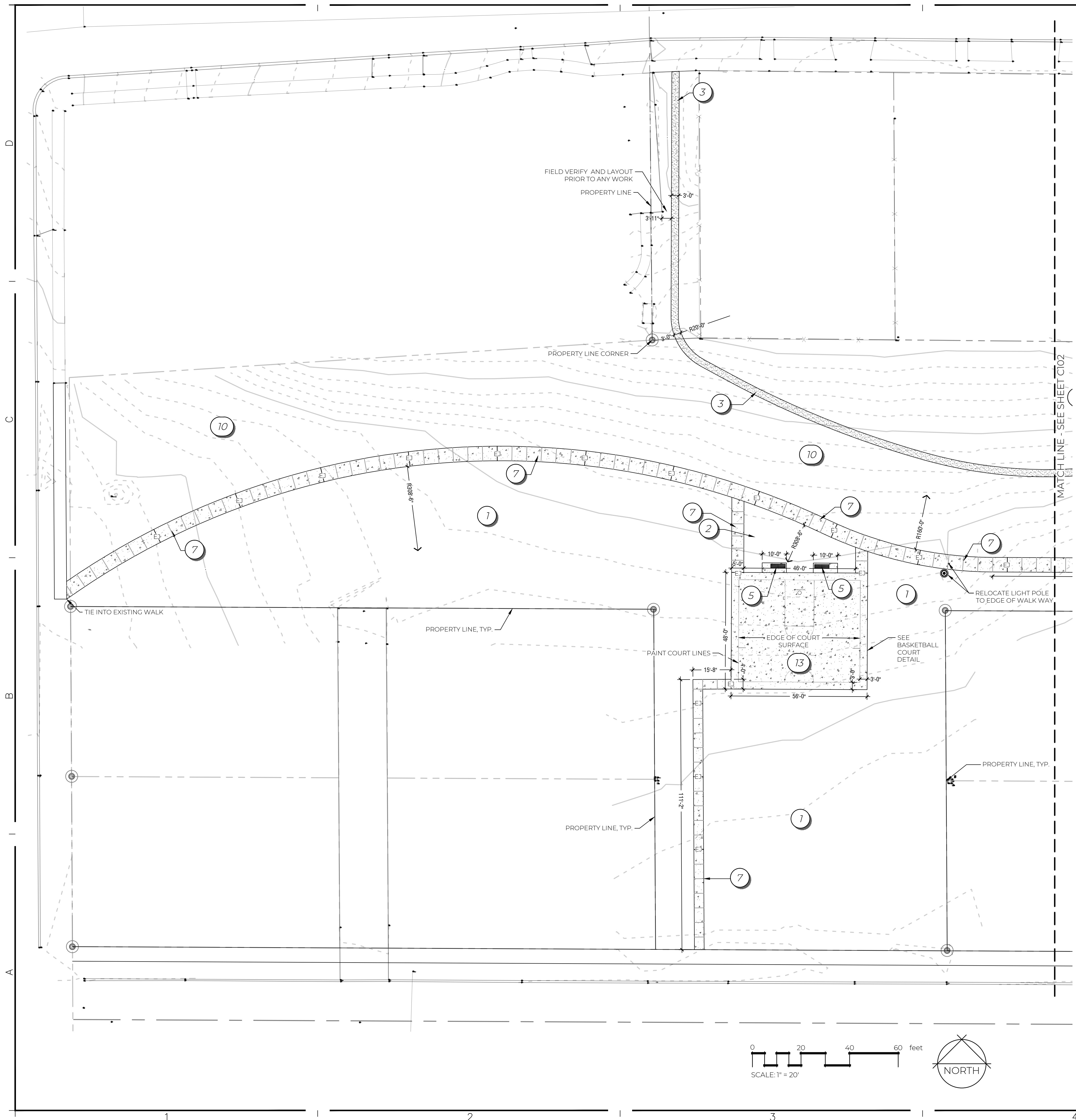
NO.	DATE	DESCRIPTION



DATE: 02-04-2025
JOB NUMBER: 80015
CHECKED BY: HISLOP

SHEET

G001

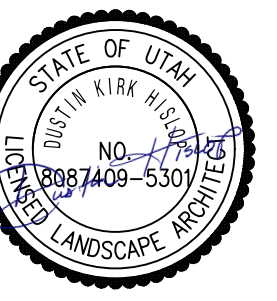


GENERAL NOTES

1. THE CONTRACTOR SHALL INSPECT THE SITE & FULL CONSTRUCTION DRAWING SET TO BE FULLY AWARE OF ALL PERTINENT EXISTING CONDITIONS PRIOR TO SUBMITTING BID OR PROPOSAL.
2. NO WORK IS TO BEGIN UNTIL NECESSARY PERMITS HAVE BEEN OBTAINED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND PAY FOR ALL PERMITS.
3. PRIOR TO THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY HIS WORK. THE CONTRACTOR SHALL PROTECT THOSE UTILITIES THAT ARE TO REMAIN AND BE RESPONSIBLE FOR THE REPAIR OF DAMAGES TO SUCH UTILITIES.
4. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHEN CONSTRUCTION WORK BEGINS NEAR ANY UTILITY LINES AND ARRANGE FOR A UTILITY REPRESENTATIVE BE PRESENT IF THE CONTRACTOR'S CLOSE OPERATIONS COULD CREATE A HAZARDOUS CONDITION.
5. PLAN IS BASED ON OLD SURVEY AND DOES NOT HAVE RECENT CONSTRUCTION INFORMATION. CONTRACTOR TO FIELD VERIFY EVERYTHING.
6. THE CONTRACTOR SHALL PROTECT EXISTING WALKS, DRIVES, CURBS, FENCING ETC. THAT ARE TO REMAIN AND SHALL REPAIR ANY DAMAGE THAT MAY RESULT FROM CONSTRUCTION OPERATIONS.
7. THE LANDSCAPE AND IRRIGATION CONTRACTORS SHALL COORDINATE THEIR WORK WITH ANY OTHER CONTRACTORS AND TRADES WORKING ON THIS PROJECT. PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION AND ELECTRICAL LINES, ETC. PRIOR TO PAVING AND LANDSCAPE WORK.
8. THE CONTRACTOR IS RESPONSIBLE FOR ANY UNAUTHORIZED DAMAGE INSIDE AND OUTSIDE THE LIMIT OF WORK LINE DUE TO CONTRACT OPERATIONS AND SHALL RESTORE DAMAGED AREAS TO ORIGINAL CONDITIONS AT NO COST TO THE OWNER.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR YARD AND BUILDING CLEANUP AT THE COMPLETION OF WORK.
10. COORDINATE ALL EQUIPMENT AND MATERIAL STORAGE LOCATIONS WITH OWNER PRIOR TO MOBILIZING ON SITE.

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
1	GRASS SOD AREA	5/L500
2	PLANTER BED	8/L500
3	TRAIL ADA APPROVED SURFACE SEE DETAILS & SPECIFICATIONS	9/C500
4	POST TENSION PICKLEBALL COURT, BY OWNER PROVIDE ALL BASE EARTHWORK AND COORDINATE INSTALLATION TIMING WITH OWNER	2/C502
5	BENCH OWNER PROVIDED, CONTRACTOR INSTALLED	
7	CONCRETE WALK	1/C500
8	ENHANCED WATER WAY SEE DETAILS	1/C501
9	BURIED 4" FRENCH DRAIN LINE TO DIRECT SPRING WATER	4/C501
10	NATIVE CABIN GRASS SEED SEE SPECIFICATIONS	
11	CONCRETE MOWSTRIP	4/C500
12	ADA RAMP	12/C500
13	CONCRETE BASKETBALL COURT	7/C500
14	SUPERIOR SHADE SQUARE CANTILEVER UMBRELLA SHADE MODEL # CU1212081G / OWNER TO SELECT COLOR INSTALL PER MANUFACTURERS RECOMENDATIONS	



TITLE	LAYOUT PLAN
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS

NO.	DATE	DESCRIPTION

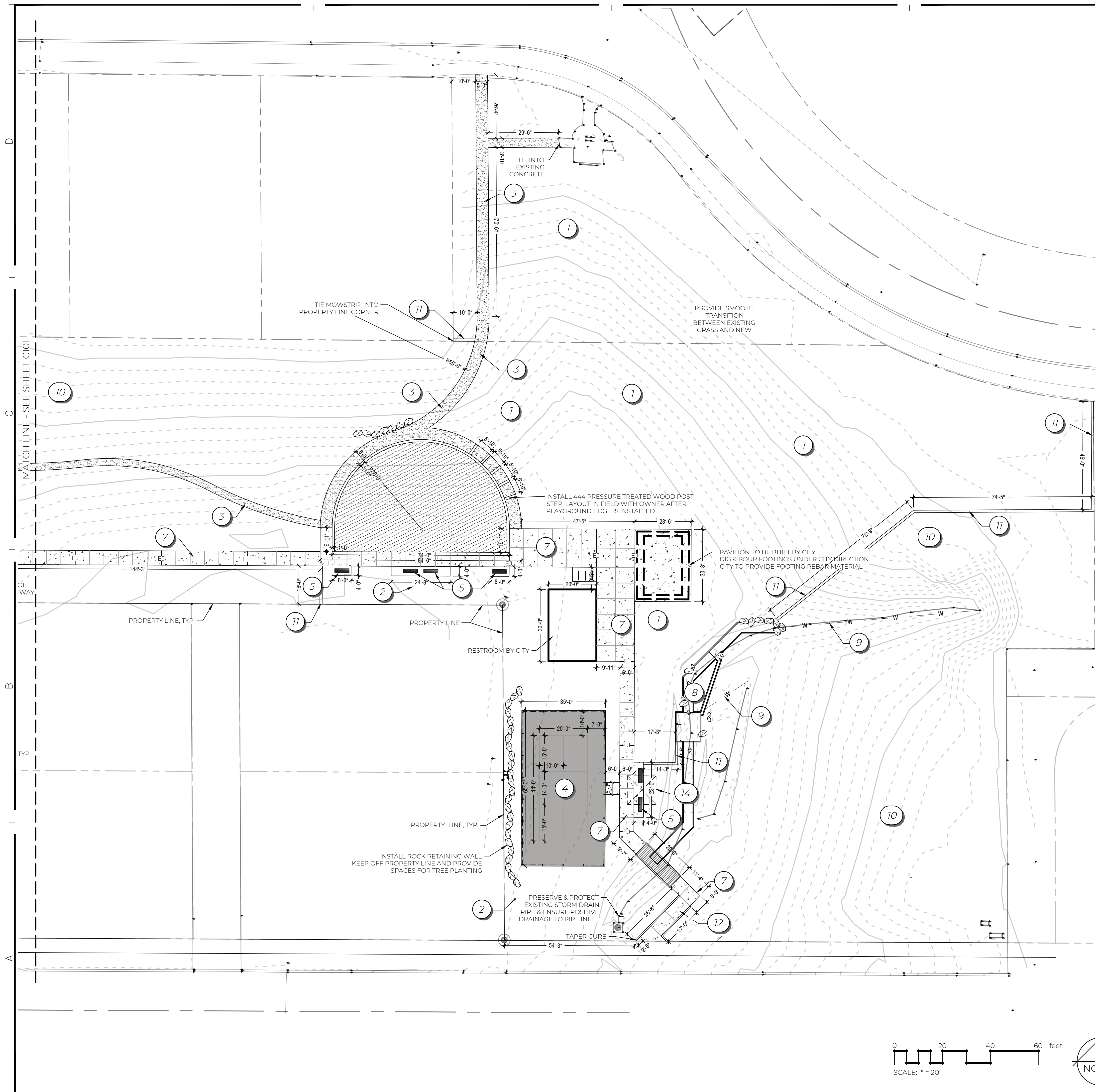


DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP



SHEET
C101

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



GENERAL NOTES

1. THE CONTRACTOR SHALL INSPECT THE SITE & FULL CONSTRUCTION DRAWING SET TO BE FULLY AWARE OF ALL PERTINENT EXISTING CONDITIONS PRIOR TO SUBMITTING BID OR PROPOSAL.
2. NO WORK IS TO BEGIN UNTIL NECESSARY PERMITS HAVE BEEN OBTAINED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND PAY FOR ALL PERMITS.
3. PRIOR TO THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES THAT MAY BE AFFECTED BY HIS WORK. THE CONTRACTOR SHALL PROTECT THOSE UTILITIES THAT ARE TO REMAIN AND BE RESPONSIBLE FOR THE REPAIR OF DAMAGES TO SUCH UTILITIES.
4. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES WHEN CONSTRUCTION WORK BEGINS NEAR ANY UTILITY LINES AND ARRANGE FOR A UTILITY REPRESENTATIVE BE PRESENT IF THE CONTRACTOR'S CLOSE OPERATIONS COULD CREATE A HAZARDOUS CONDITION.
5. PLAN IS BASED ON OLD SURVEY AND DOES NOT HAVE RECENT CONSTRUCTION INFORMATION. CONTRACTOR TO FIELD VERIFY EVERYTHING.
6. THE CONTRACTOR SHALL PROTECT EXISTING WALKS, DRIVES, CURBS, FENCING ETC. THAT ARE TO REMAIN AND SHALL REPAIR ANY DAMAGE THAT MAY RESULT FROM CONSTRUCTION OPERATIONS.
7. THE LANDSCAPE AND IRRIGATION CONTRACTORS SHALL COORDINATE THEIR WORK WITH ANY OTHER CONTRACTORS AND TRADES WORKING ON THIS PROJECT. PROVIDE SLEEVES AS REQUIRED FOR DRAINAGE, IRRIGATION AND ELECTRICAL LINES, ETC. PRIOR TO PAVING AND LANDSCAPE WORK.
8. THE CONTRACTOR IS RESPONSIBLE FOR ANY UNAUTHORIZED DAMAGE INSIDE AND OUTSIDE THE LIMIT OF WORK LINE DUE TO CONTRACT OPERATIONS AND SHALL RESTORE DAMAGED AREAS TO ORIGINAL CONDITIONS AT NO COST TO THE OWNER.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR YARD AND BUILDING CLEANUP AT THE COMPLETION OF WORK.
10. COORDINATE ALL EQUIPMENT AND MATERIAL STORAGE LOCATIONS WITH OWNER PRIOR TO MOBILIZING ON SITE.

REFERENCE NOTES SCHEDULE

CODE	DESCRIPTION	DETAIL
1	GRASS SOD AREA	5/L500
2	PLANTER BED	8/L500
3	TRAIL ADA APPROVED SURFACE SEE DETAILS & SPECIFICATIONS	9/C500
4	POST TENSION PICKLEBALL COURT, BY OWNER PROVIDE ALL BASE EARTHWORK AND COORDINATE INSTALLATION TIMING WITH OWNER	2/C502
5	BENCH OWNER PROVIDED, CONTRACTOR INSTALLED	
7	CONCRETE WALK	1/C500
8	ENHANCED WATER WAY SEE DETAILS	1/C501
9	BURIED 4" FRENCH DRAIN LINE TO DIRECT SPRING WATER	4/C501
10	NATIVE CABIN GRASS SEED SEE SPECIFICATIONS	
11	CONCRETE MOWSTRIP	4/C500
12	ADA RAMP	12/C500
13	CONCRETE BASKETBALL COURT	7/C500
14	SUPERIOR SHADE SQUARE CANTILEVER UMBRELLA SHADE MODEL # CUI21208IC / OWNER TO SELECT COLOR INSTALL PER MANUFACTURERS RECOMENDATIONS	

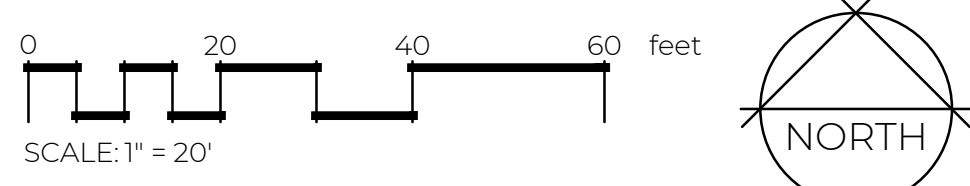


TITLE	PROJECT	CLIENT	ADDRESS
LAYOUT PLAN	LIBBIE SPRINGS PARK	HYRUM CITY	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS		
NO.	DATE	DESCRIPTION

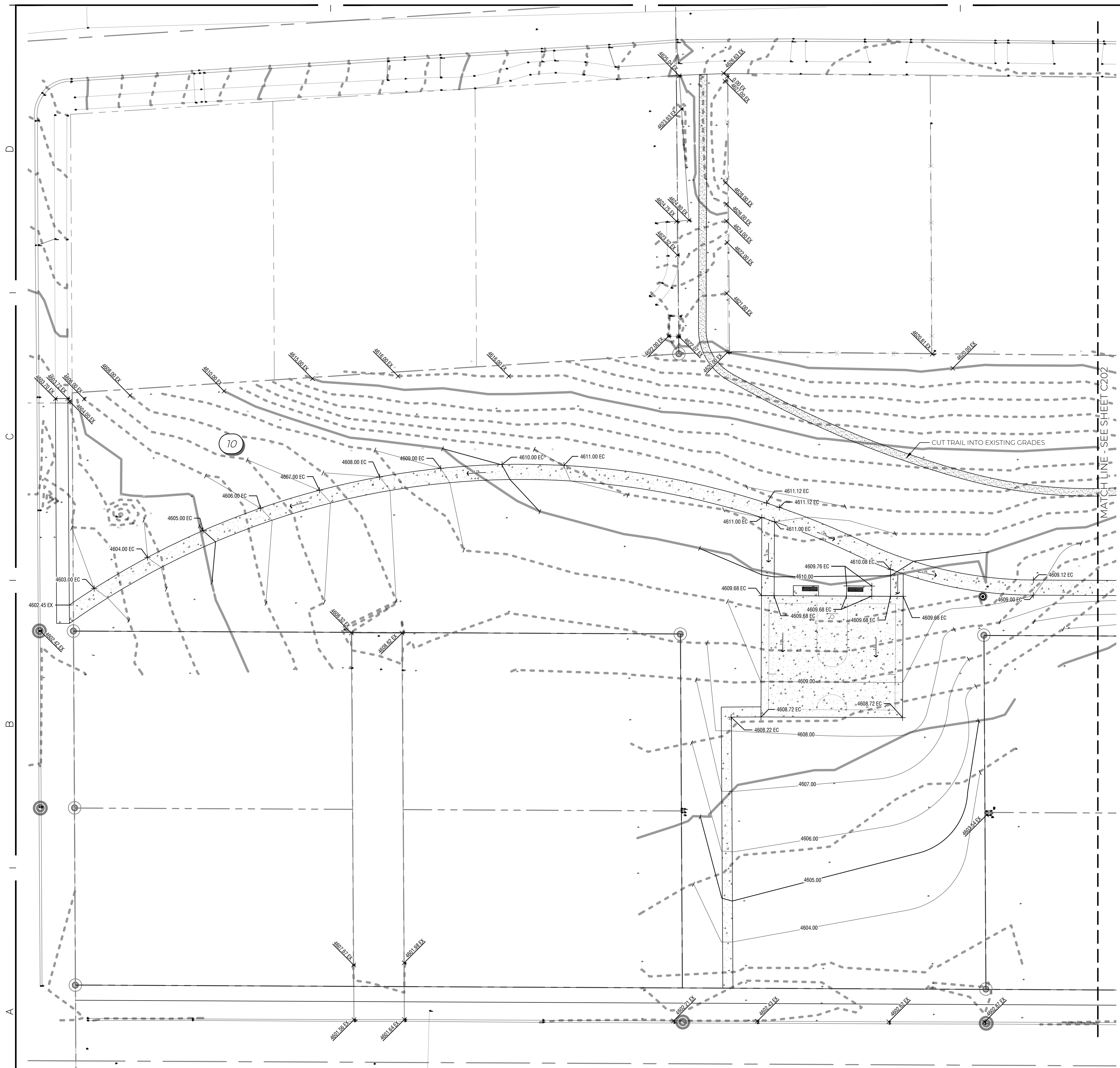
HYRUM CITY
ESTABLISHED 1860

DATE: 02-04-2025
JOB NUMBER: 80015
CHECKED BY: HISLOP



SHEET
C102

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. © COPYRIGHT 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



GRADING LEGEND

CALLOUT	DEFINITION
XXXX FG	FINISH GRADE
XXXX FL	FLOW LINE
XXXX ME	MATCH EXISTING
XXXX EC	EDGE OF CONCRETE
XXXX TC	TOP OF CONCRETE
XXXX EX	EXISTING
XXXX TD	TOP OF DROP
XXXX BD	BOTTOM OF DROP
XXXXTR	TOP OF RAMP
XXXX BR	BOTTOM OF RAMP
XXXX EB	EDGE OF BRIDGE

GRADING NOTES

1. CUT AND CAP UTILITY LINES TO BE ABANDONED AS REQUIRED. REMOVE ALL UTILITIES NECESSARY FOR NEW CONSTRUCTION AND COORDINATE WITH OTHER DISCIPLINES AND UTILITY SURVEYORS.
2. CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND PRESERVE AND PROTECT THE LINES OR REROUTE THEM AS NECESSARY.
3. CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY OPERATIONS (WHICH OCCUR ON OR OFF SITE) TO THE OWNER'S SATISFACTION.
4. CONTRACTOR SHALL PATCH OR REPLACE EXISTING ASPHALT, CONCRETE, LANDSCAPING, ETC. AS REQUIRED WHERE NEW CONSTRUCTION MEETS EXISTING.
5. PROVIDE SMOOTH GRADE TRANSITION IN ALL LANDSCAPE AREAS AND BETWEEN NEW EARTH WORK AREA AND EXISTING.
6. ALL IRRIGATION SLEEVING SHALL BE COORDINATED WITH CONCRETE AND ASPHALT CONTRACTORS & BE AT PROPER DEPTHS PER REQUIREMENTS.
7. THE ELEVATION OF THE SUB-GRADE SHALL BE SET SO THE FINAL GRADE CAN BE MET BY THE ADDITION OF THE SPECIFIED DEPTH OF TOP SOIL OR PAVEMENT CROSS SECTION. PROVIDE 2" OF TOP SOIL IN LAWN AREAS & HYDROSEED AREAS. PLANT BACKFILL SHALL BE DONE WITH QUALITY TOPSOIL.
8. CURB RAMPS ARE NOT TO EXCEED 1:2 SLOPE. LANDINGS AND TOP AND BOTTOM OF RAMPS ARE TO BE A MAXIMUM OF 2% IN ANY DIRECTION FOR AN AREA OF 5 FEET BY 5 FEET.
9. WALKS SHALL NOT EXCEED 5% SLOPE IN THE DIRECTION OF TRAVEL. THE CROSS SLOPE ON WALKS SHALL NOT EXCEED 2%.
10. AVOID SHARP PEAKS. SMOOTH TRANSITIONS TO APPEAR NATURAL. TOPSOIL SHALL BE DEPTH REQUIRED PER SPECIFICATIONS.
11. SWALES SHALL BE CONSTRUCTED WITH SMOOTH TRANSITIONS.
12. SWALES, BERMS AND FINAL GRADING TO BE REVIEWED ON-SITE BY OWNER BEFORE FINAL APPROVAL OF COMPLETION.
13. PROVIDE WILDLAND FIRE PROTECTION AT ALL TIMES DURING GRADING ACTIVITIES.
14. ENSURE PROPER COMPACTION OF ALL FILL AREAS.
15. PROVIDE SMOOTH TRANSITION ALONG ALL EDGES OF PARK AND TOP OF SLOPE TO TIE INTO EXISTING HILLSIDE.



TITLE	GRADING PLAN		
PROJECT	LIBBIE SPRINGS PARK		
CLIENT	HYRUM CITY		
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319		

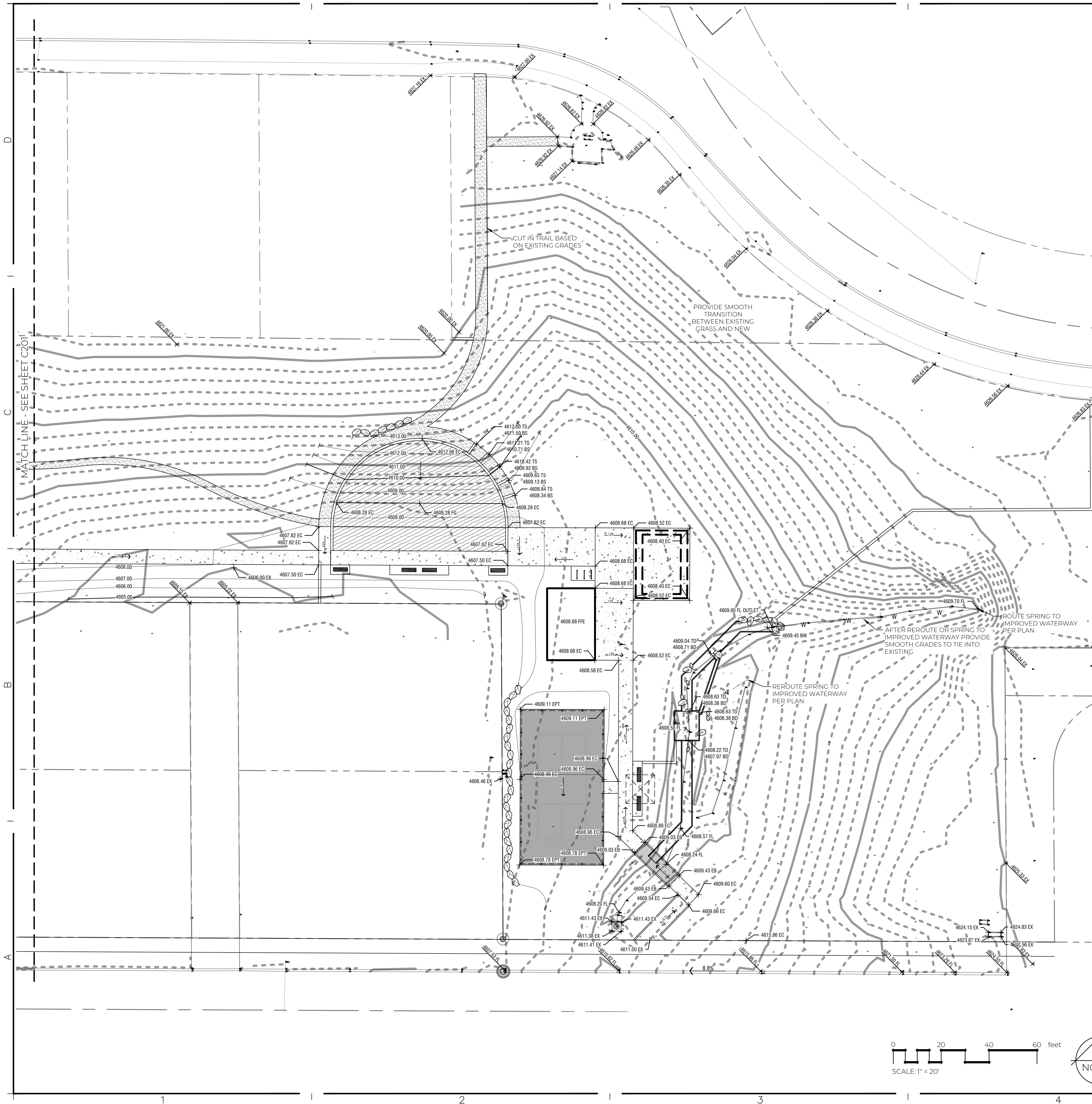
REVISIONS		
NO.	DATE	DESCRIPTION

DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP



SHEET
C201

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.

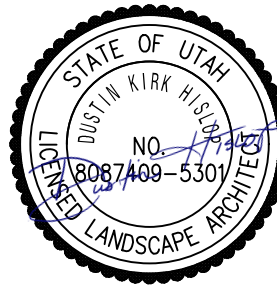
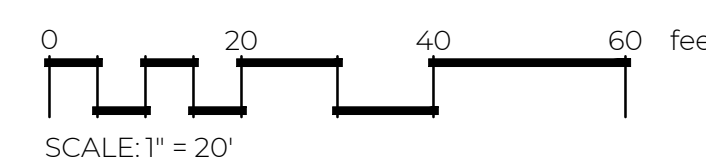


GRADING LEGEND

CALLOUT	DEFINITION
XXXX FG	FINISH GRADE
XXXX FL	FLOW LINE
XXXX ME	MATCH EXISTING
XXXX EC	EDGE OF CONCRETE
XXXX TC	TOP OF CONCRETE
XXXX EX	EXISTING
XXXX TD	TOP OF DROP
XXXX BD	BOTTOM OF DROP
XXXXTR	TOP OF RAMP
XXXX BR	BOTTOM OF RAMP
XXXX EB	EDGE OF BRIDGE

GRADING NOTES

- CUT AND CAP UTILITY LINES TO BE ABANDONED AS REQUIRED. REMOVE ALL UTILITIES NECESSARY FOR NEW CONSTRUCTION AND COORDINATE WITH OTHER DISCIPLINES AND UTILITY SURVEYORS.
- CONTRACTOR SHALL FIELD LOCATE ALL EXISTING UTILITIES AND PRESERVE AND PROTECT THE LINES OR REROUTE THEM AS NECESSARY.
- CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY OPERATIONS (WHICH OCCUR ON OR OFF SITE) TO THE OWNER'S SATISFACTION.
- CONTRACTOR SHALL PATCH OR REPLACE EXISTING ASPHALT, CONCRETE, LANDSCAPING, ETC. AS REQUIRED WHERE NEW CONSTRUCTION MEETS EXISTING.
- PROVIDE SMOOTH GRADE TRANSITION IN ALL LANDSCAPE AREAS AND BETWEEN NEW EARTH WORK AREA AND EXISTING.
- ALL IRRIGATION SLEEVING SHALL BE COORDINATED WITH CONCRETE AND ASPHALT CONTRACTORS & BE AT PROPER DEPTHS PER REQUIREMENTS.
- THE ELEVATION OF THE SUB-GRADE SHALL BE SET SO THE FINAL GRADE CAN BE MET BY THE ADDITION OF THE SPECIFIED DEPTH OF TOP SOIL OR PAVEMENT CROSS SECTION. PROVIDE 2" OF TOP SOIL IN LAWN AREAS & HYDROSEED AREAS. PLANT BACKFILL SHALL BE DONE WITH QUALITY TOPSOIL.
- CURB RAMPS ARE NOT TO EXCEED 1:2 SLOPE. LANDINGS AND TOP AND BOTTOM OF RAMPS ARE TO BE A MAXIMUM OF 2% IN ANY DIRECTION FOR AN AREA OF 5 FEET BY 5 FEET.
- WALKS SHALL NOT EXCEED 5% SLOPE IN THE DIRECTION OF TRAVEL. THE CROSS SLOPE ON WALKS SHALL NOT EXCEED 2%.
- AVOID SHARP PEAKS, SMOOTH TRANSITIONS TO APPEAR NATURAL. TOPSOIL SHALL BE DEPTH REQUIRED PER SPECIFICATIONS.
- SWALES SHALL BE CONSTRUCTED WITH SMOOTH TRANSITIONS.
- SWALES, BERMS AND FINAL GRADING TO BE REVIEWED ON-SITE BY OWNER BEFORE FINAL APPROVAL OF COMPLETION.
- PROVIDE WILDLAND FIRE PROTECTION AT ALL TIMES DURING GRADING ACTIVITIES.
- ENSURE PROPER COMPACTION OF ALL FILL AREAS.
- PROVIDE SMOOTH TRANSITION ALONG ALL EDGES OF PARK AND TOP OF SLOPE TO TIE INTO EXISTING HILLSIDE.



TITLE	GRADING PLAN
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS		
NO.	DATE	DESCRIPTION

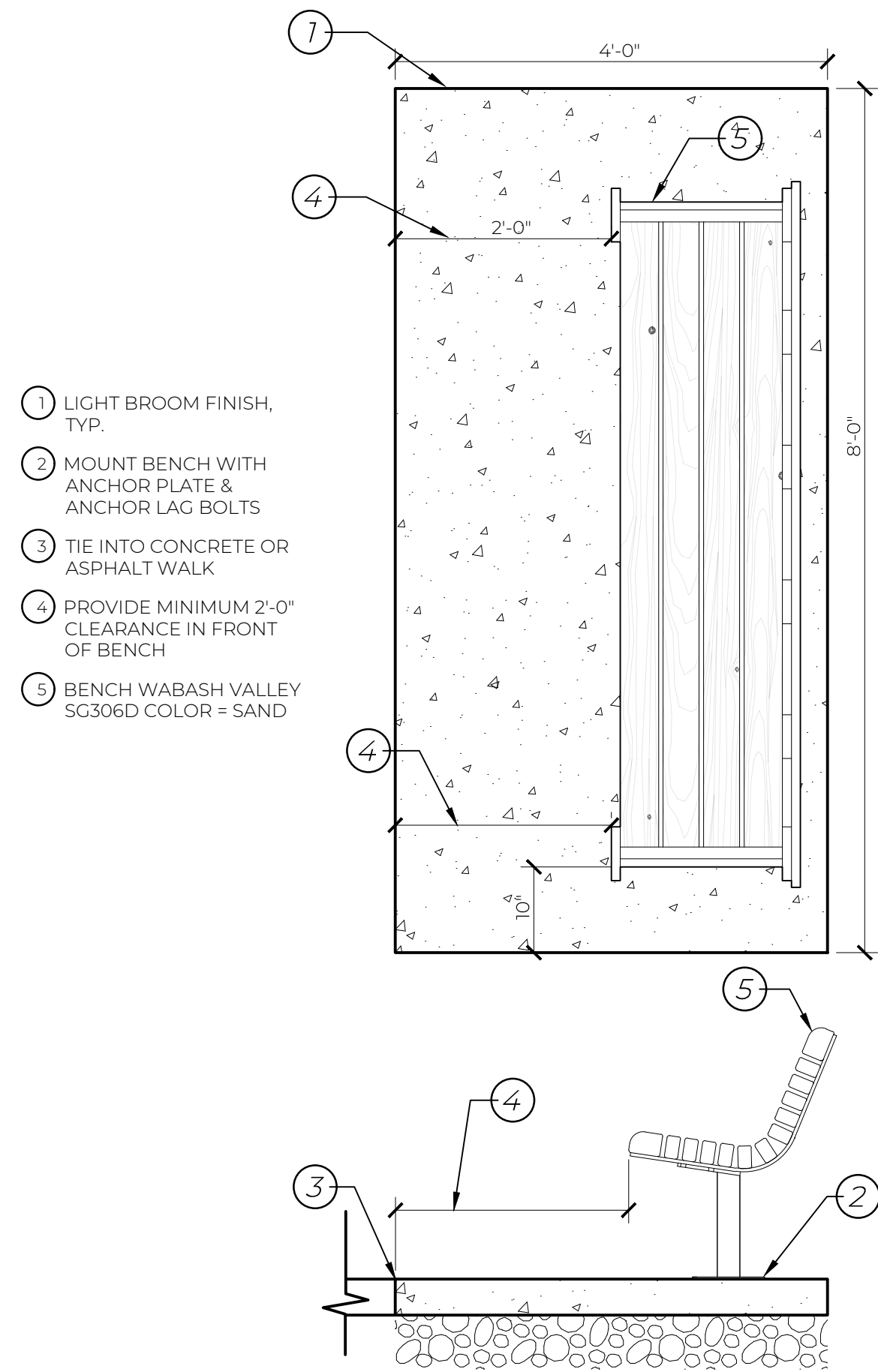
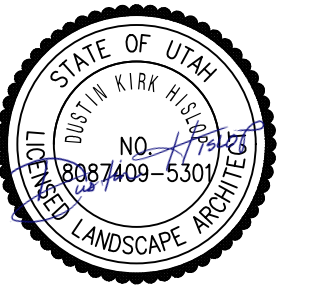


DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

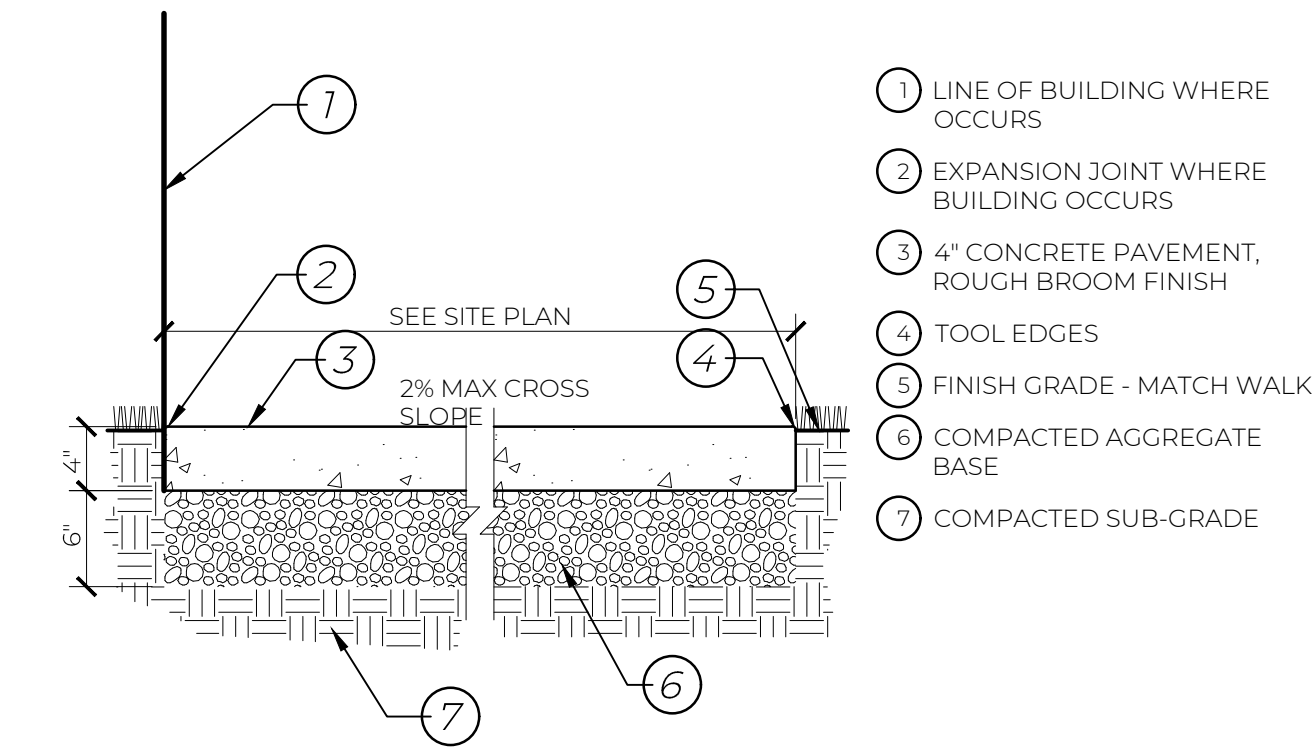


SHEET
C202

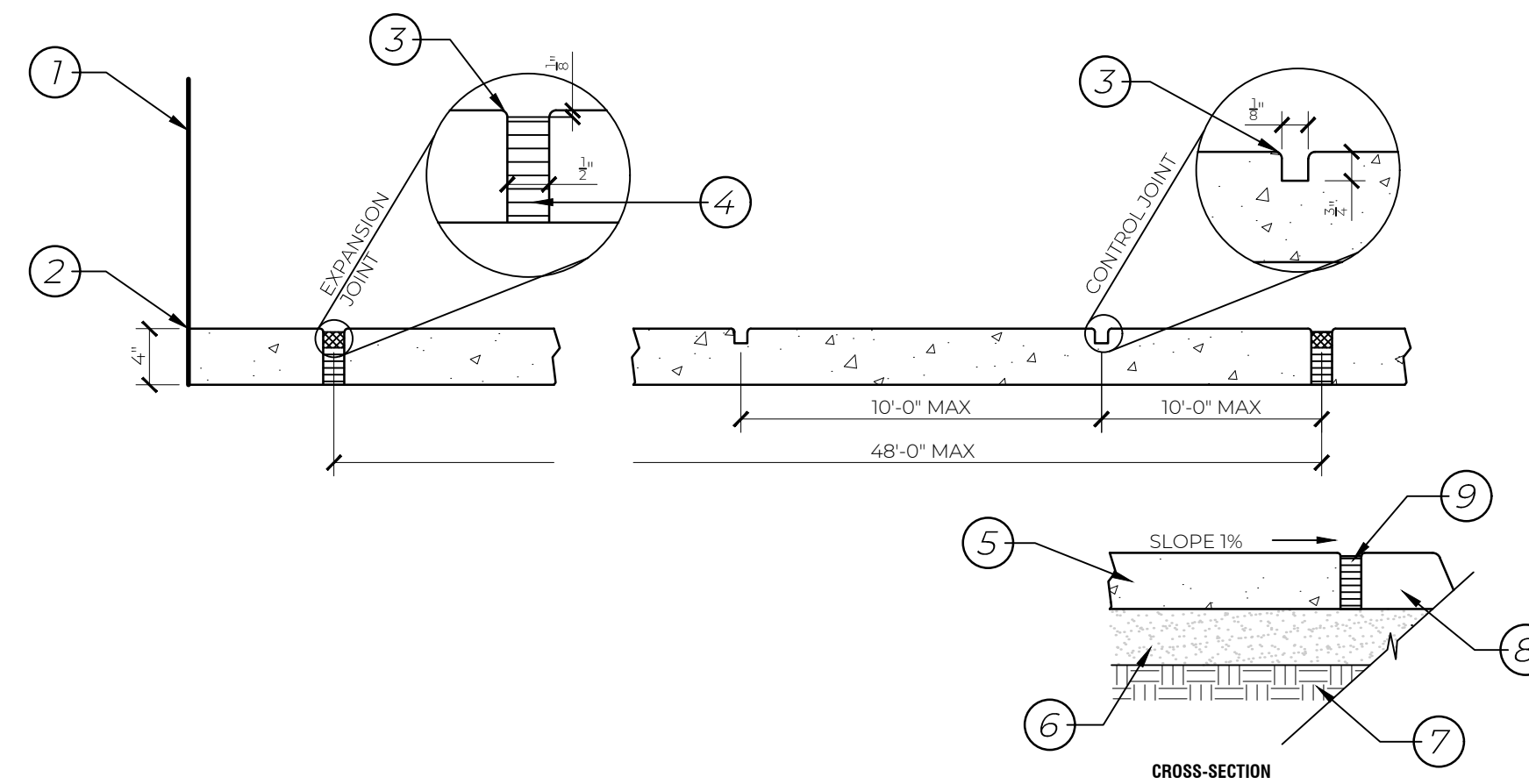
ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



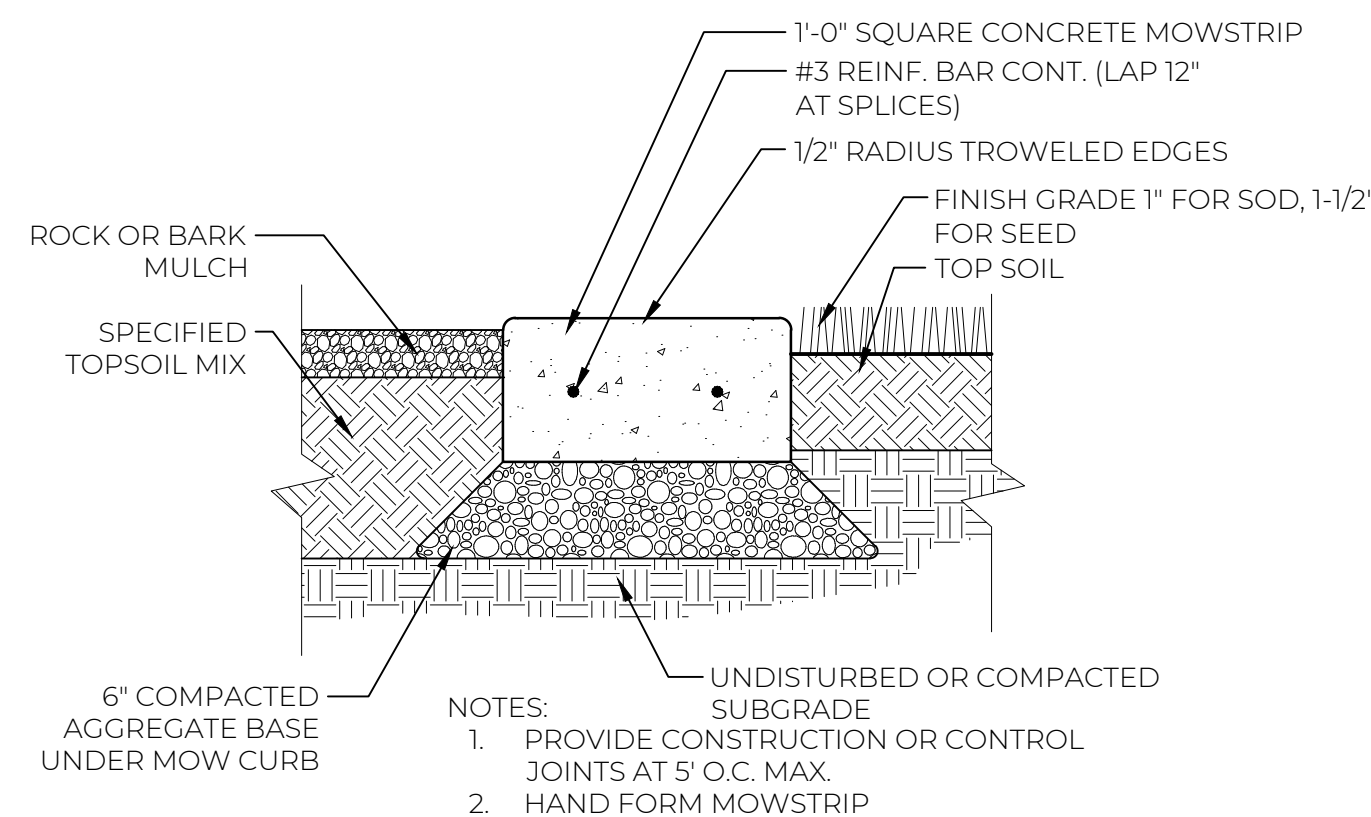
3 CONCRETE PAD & BENCH
1/16" = 1'-0"
P-PA-HYRI-04



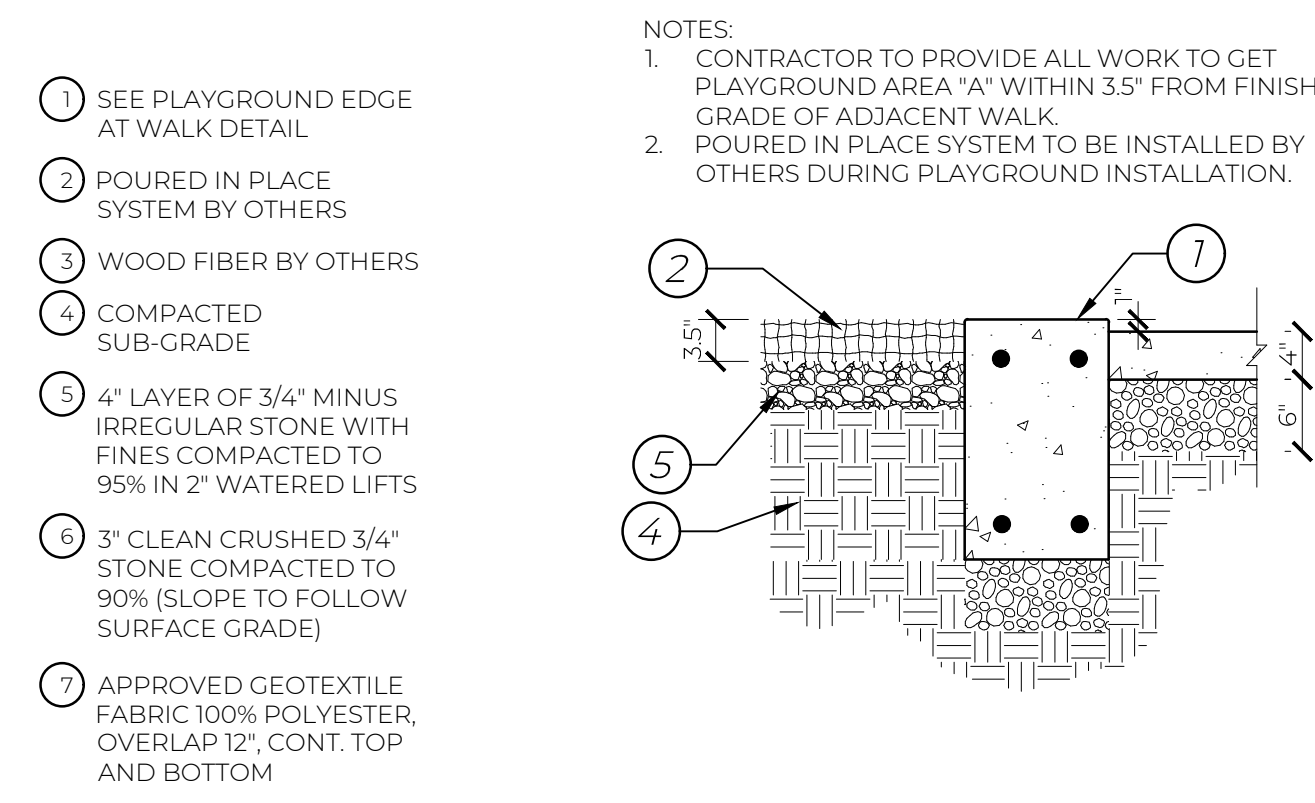
1 CONCRETE WALK
1" = 1'-0"
P-PA-HYRI-06



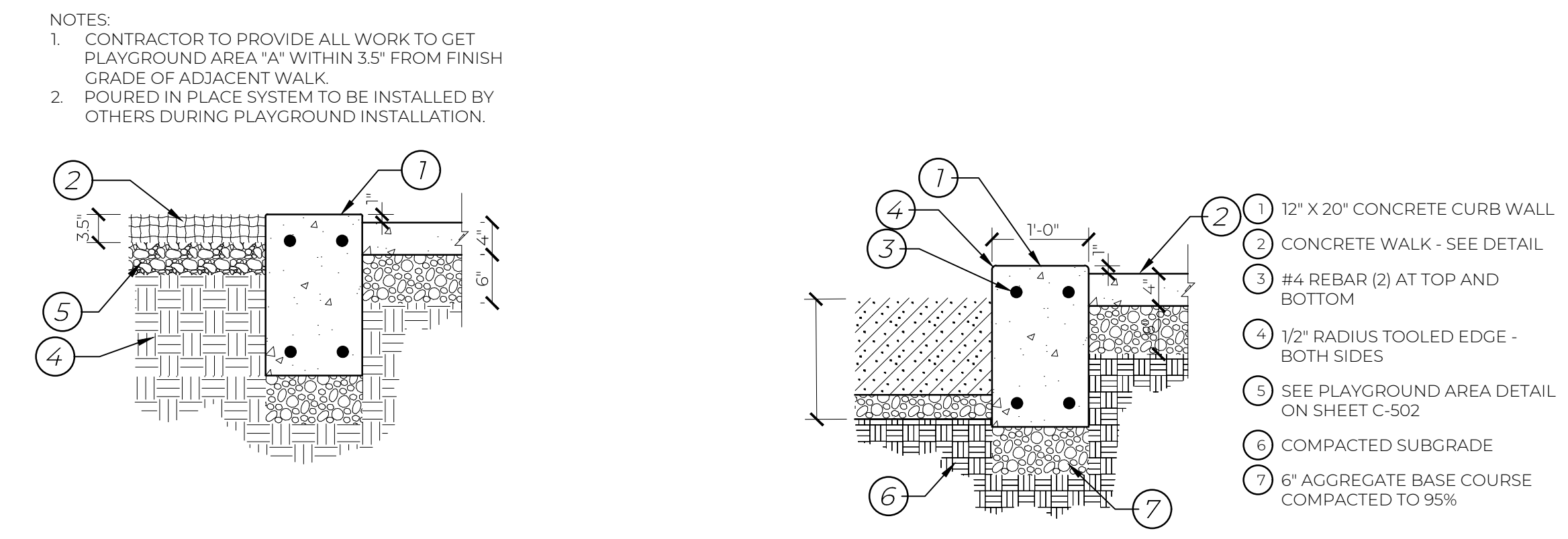
2 CONCRETE JOINT SECTIONS
1" = 1'-0"
P-PA-HYRI-03



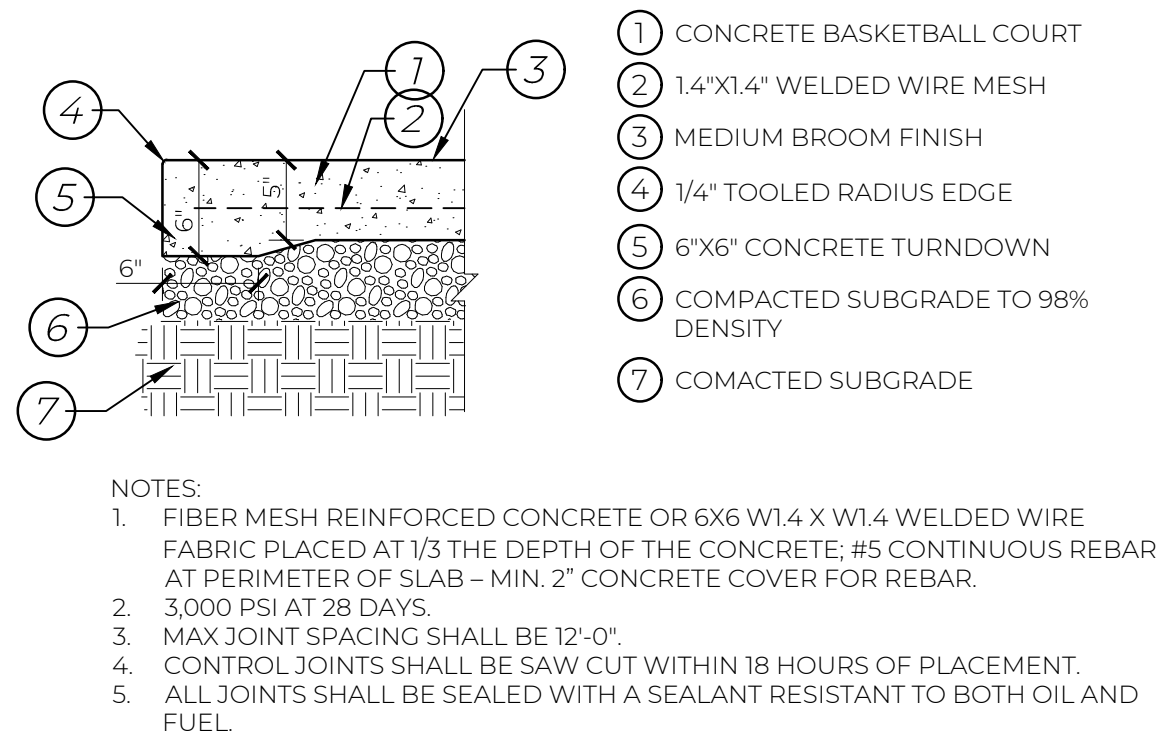
4 CONCRETE MOWSTRIP
1 1/2" = 1'-0"
P-PA-HYRI-01



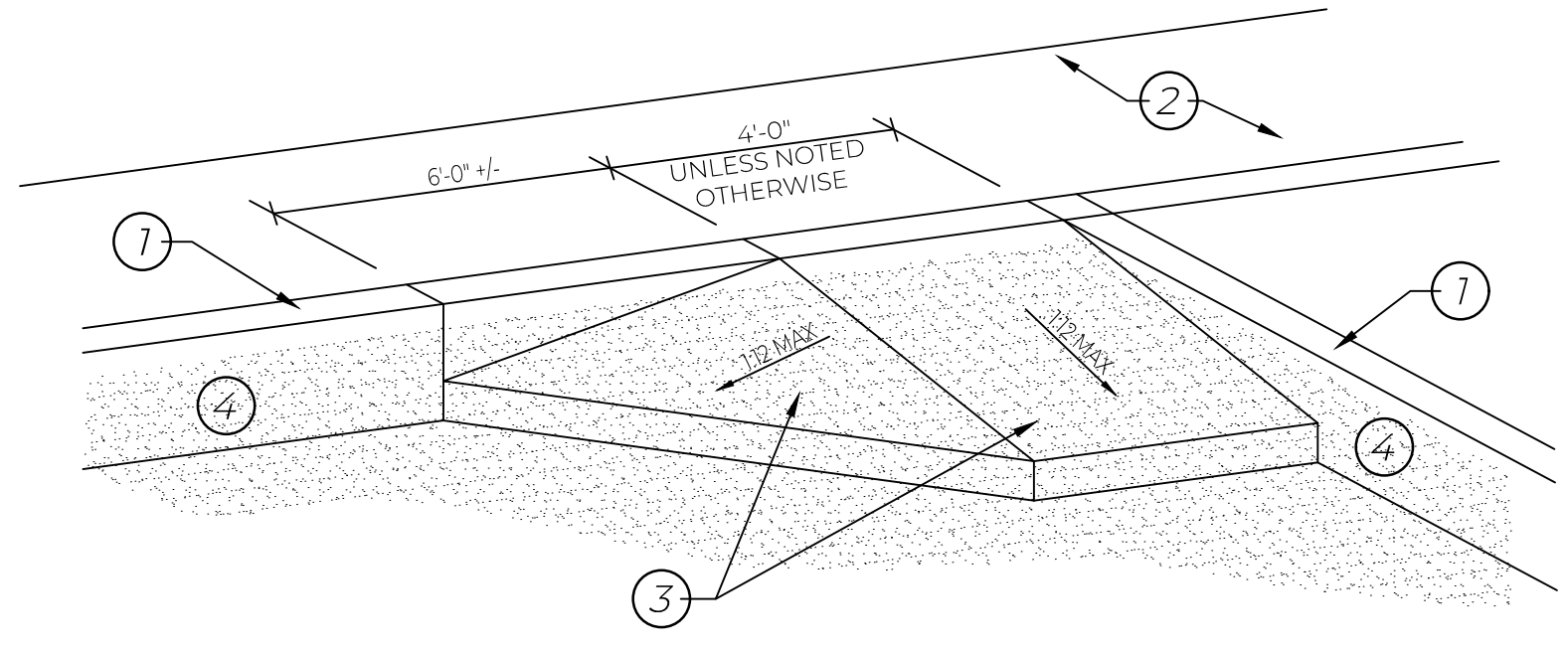
5 PLAYGROUND EDGE
3/4" = 1'-0"
P-PA-HYRI-02



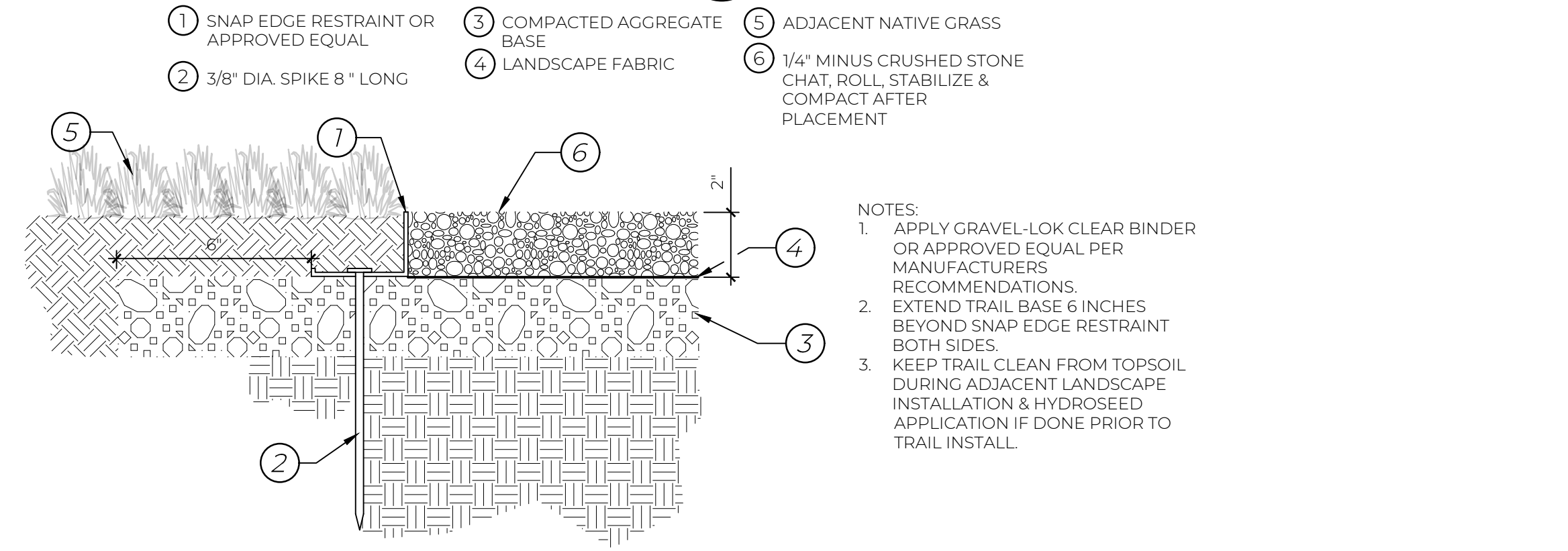
6 PLAYGROUND EDGE
3/4" = 1'-0"
P-PA-HYRI-17



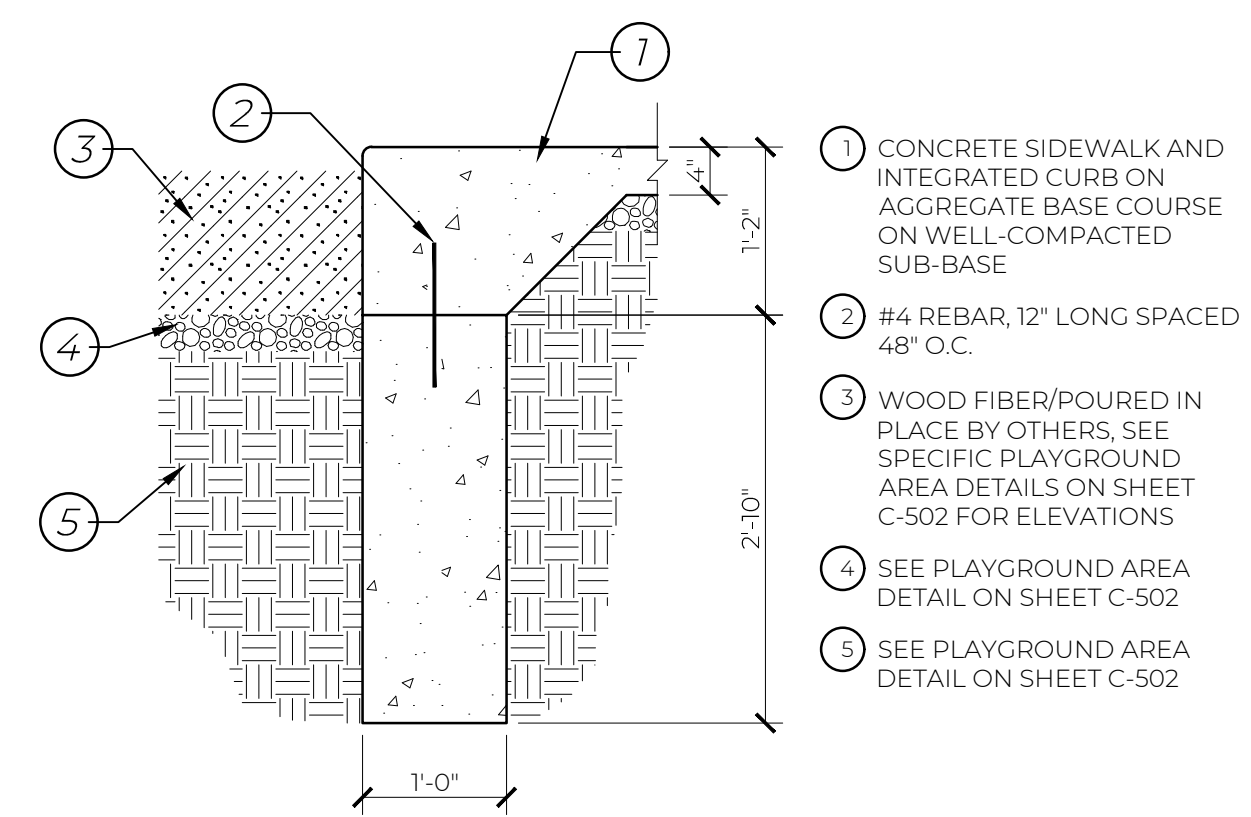
7 CONCRETE BASKETBALL COURT
1" = 1'-0"
P-PA-HYRI-111



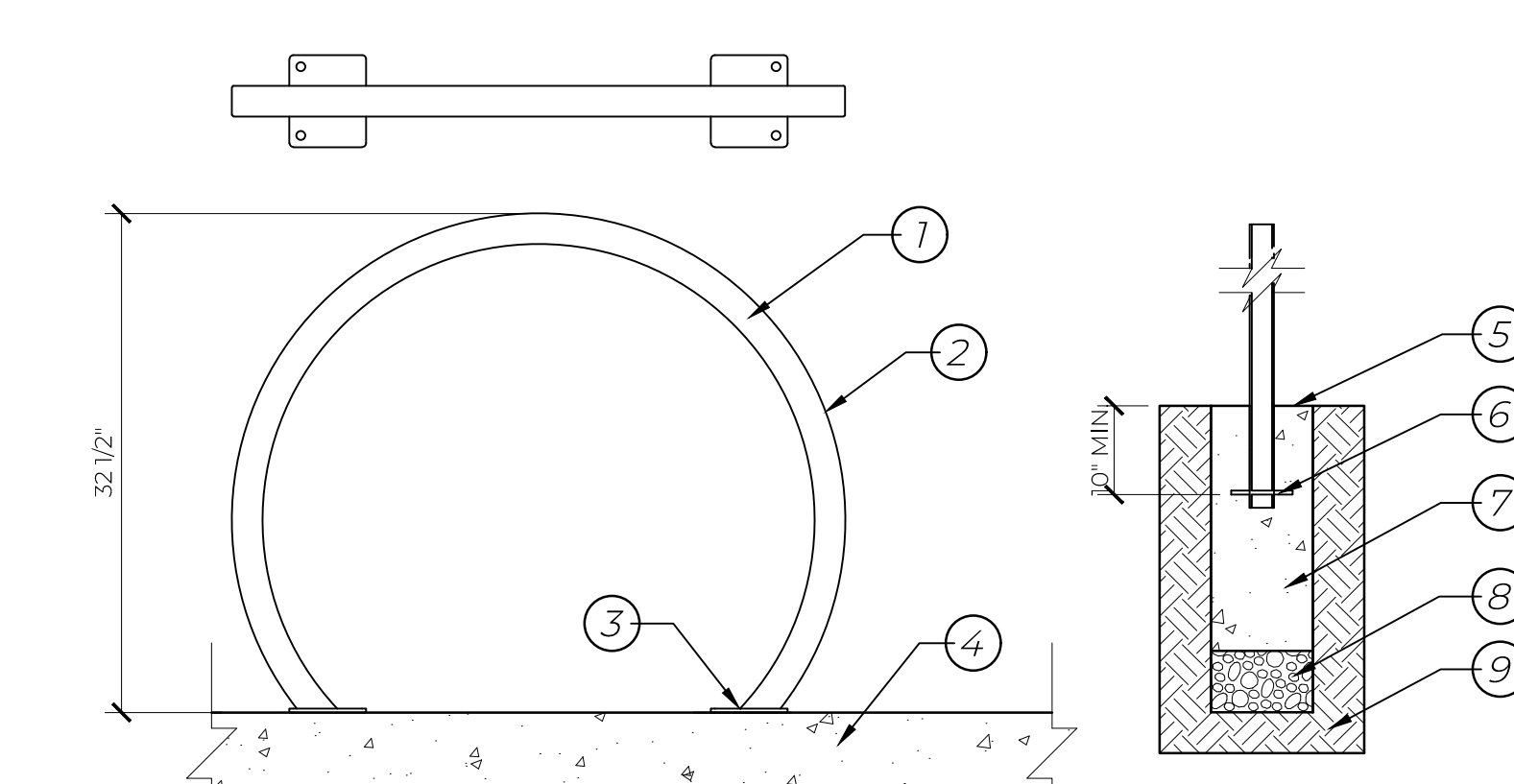
8 PLAYGROUND RAMP
3/8" = 1'-0"
P-PA-HYRI-53



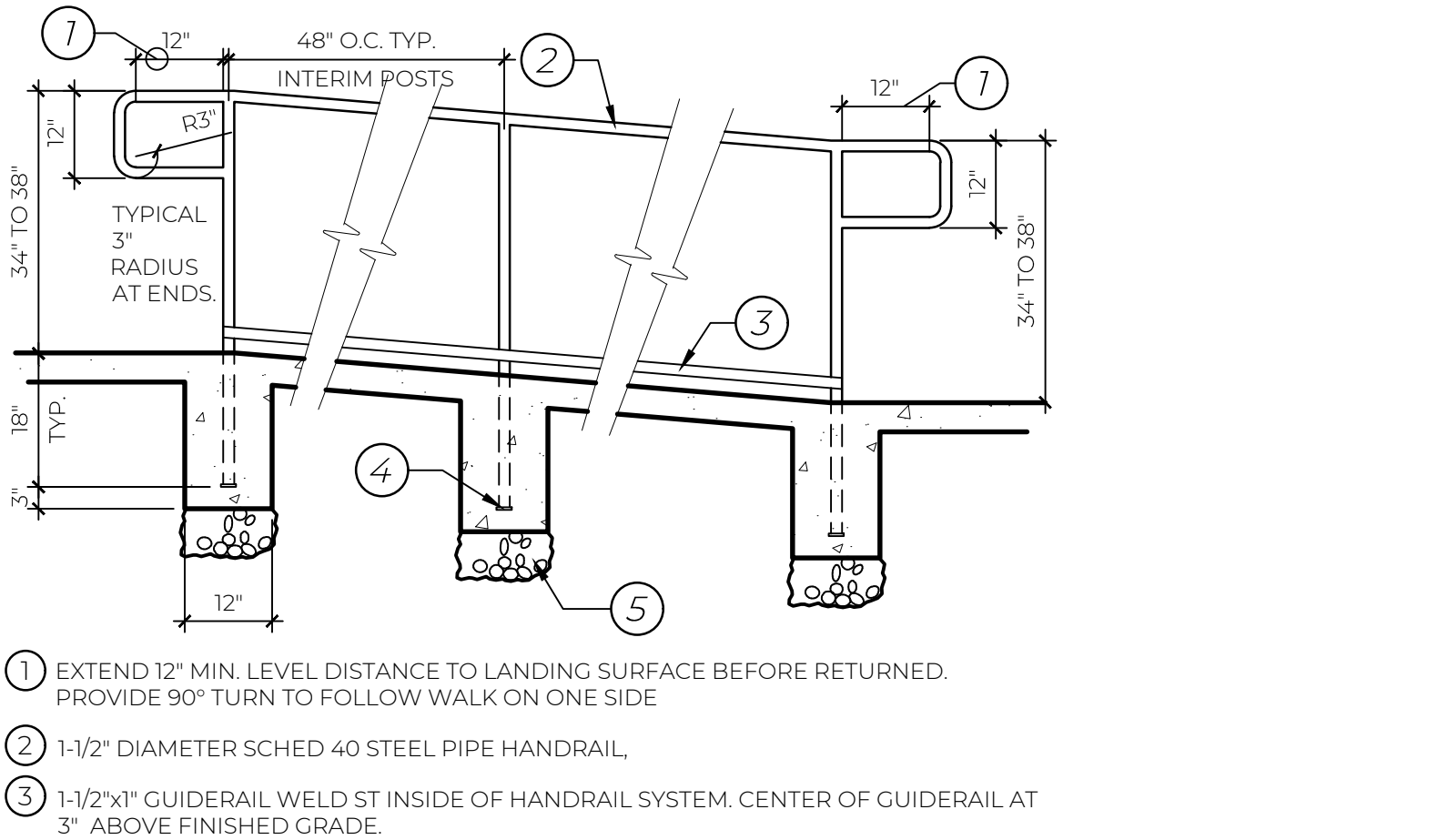
9 GRAVEL TRAIL & EDGING
3" = 1'-0"
P-PA-HYRI-113



10 PLAYGROUND EDGE AT WALK
3/4" = 1'-0"
P-PA-HYRI-102



11 MADRAX ORION BIKE RACK
1" = 1'-0"
P-PA-HYRI-47



12 HANDRAIL AT RAMP
1/2" = 1'-0"
P-PA-HYRI-115

TITLE	SITE DETAILS
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

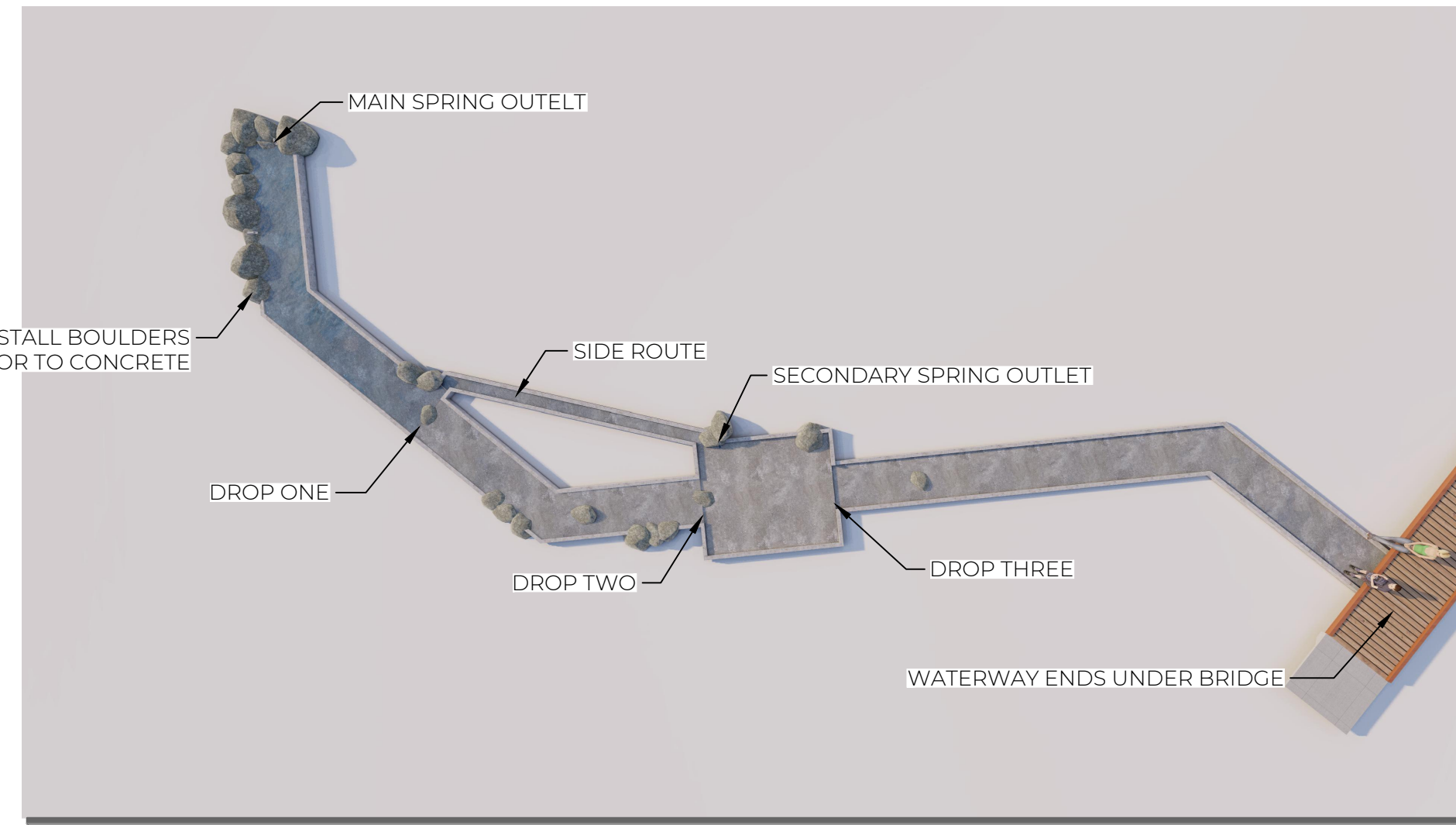
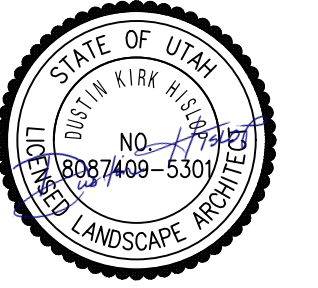
REVISIONS		
NO.	DATE	DESCRIPTION



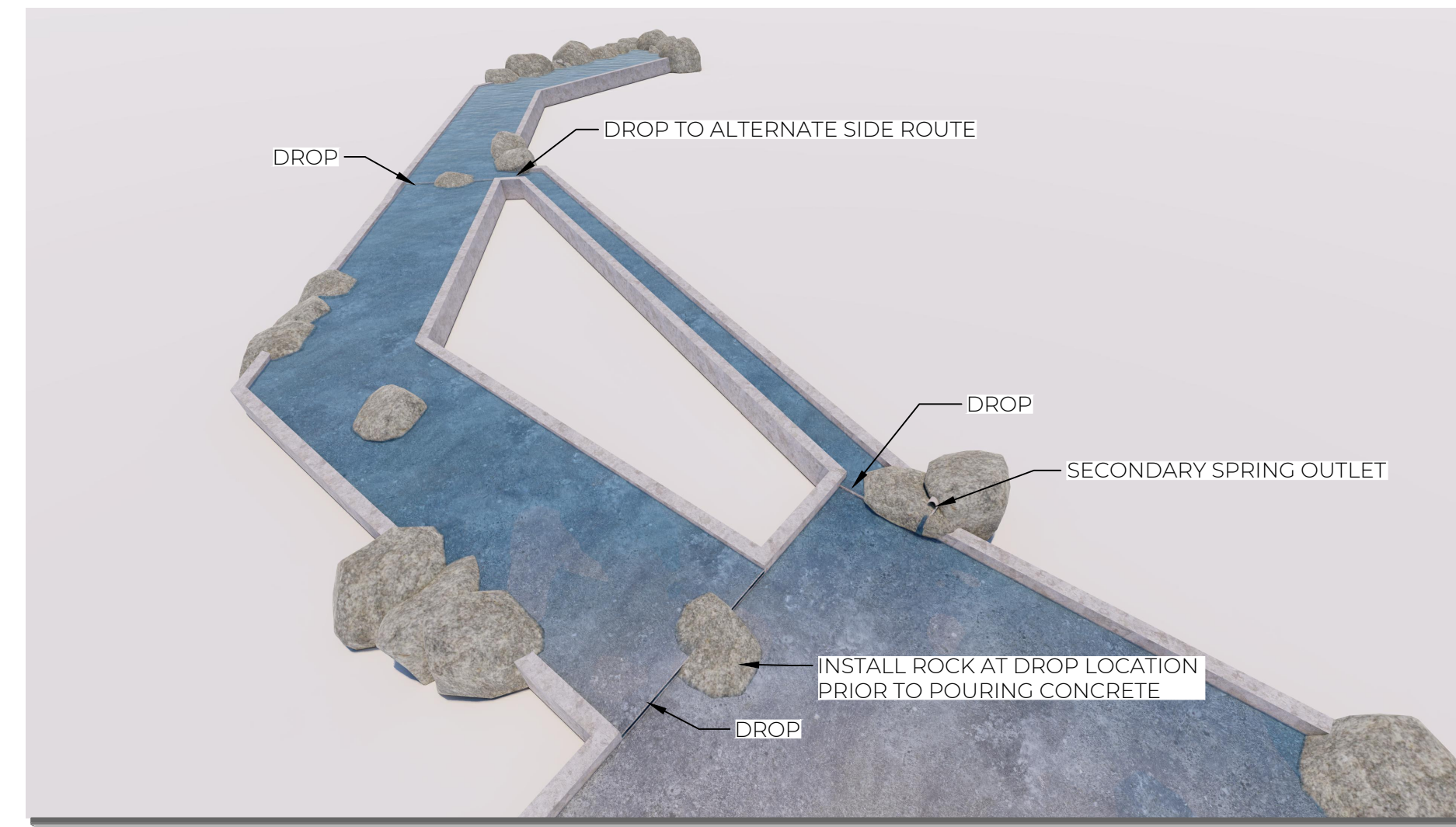
DATE: 02-04-2025
JOB NUMBER: 80015
CHECKED BY: HISLOP

SHEET
C500

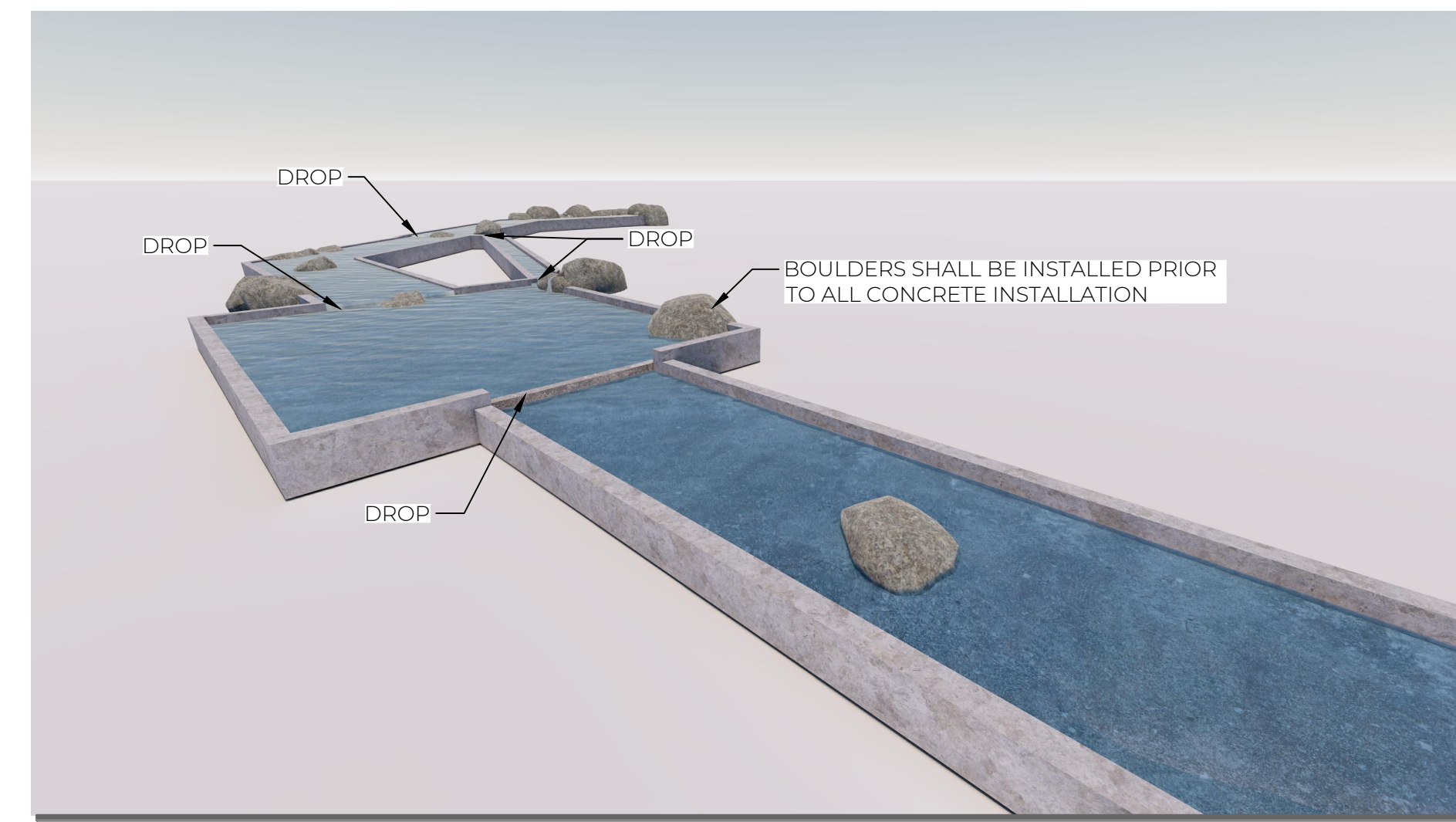
ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



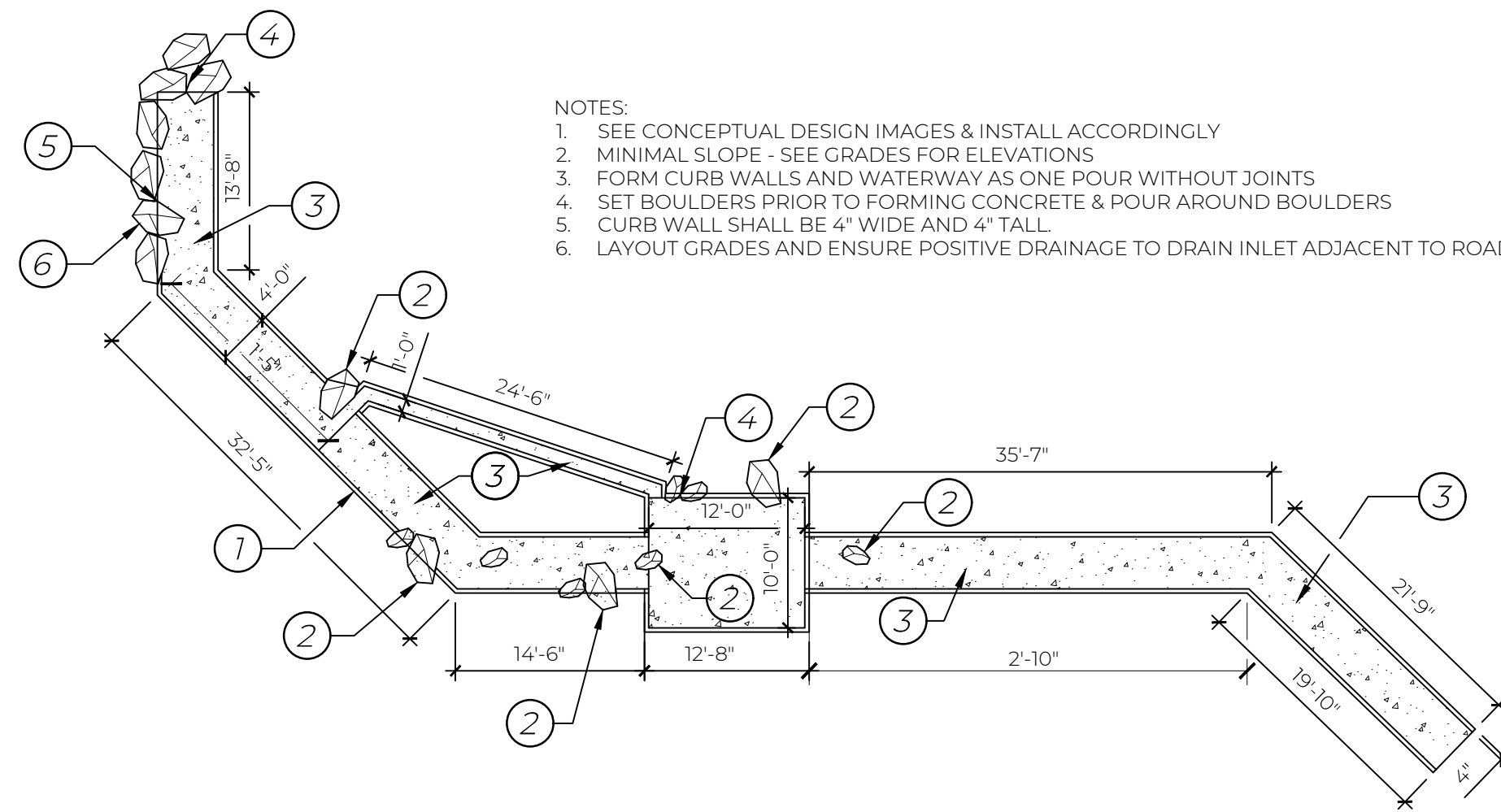
WATERWAY ENHANCEMENTS OVERALL



WATERWAY UPPER SECTION



WATERWAY LOWER SECTION

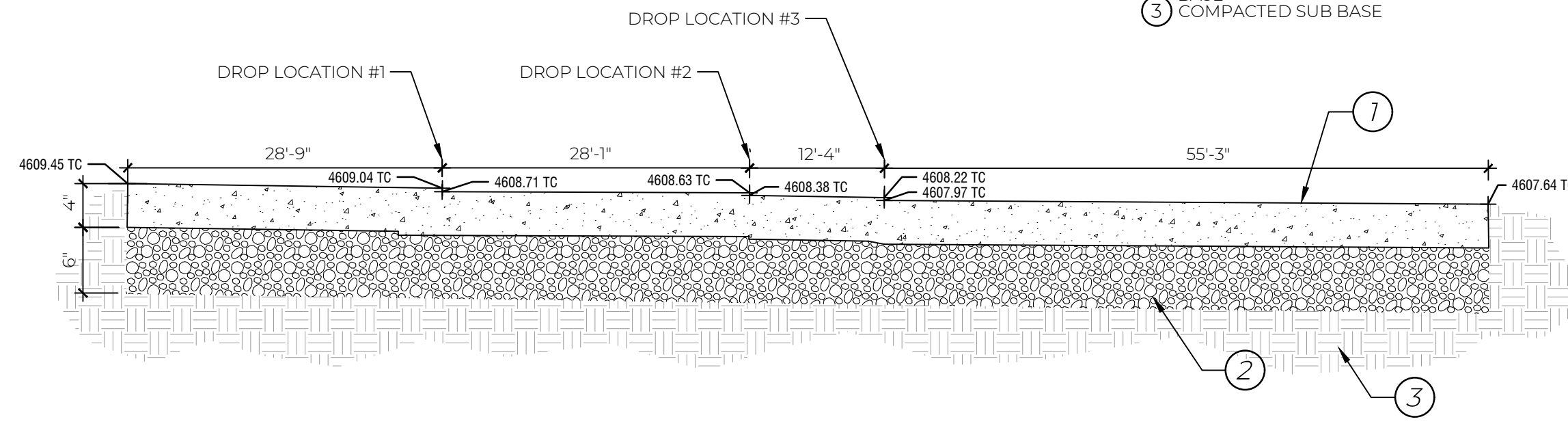


- NOTES:
 1. SEE CONCEPTUAL DESIGN IMAGES & INSTALL ACCORDINGLY
 2. MINIMAL SLOPE - SEE GRADES FOR ELEVATIONS
 3. FORM CURB WALLS AND WATERWAY AS ONE POUR WITHOUT JOINTS
 4. SET BOULDERS PRIOR TO FORMING CONCRETE & POUR AROUND BOULDERS
 5. CURB WALL SHALL BE 4" WIDE AND 4" TALL
 6. LAYOUT GRADES AND ENSURE POSITIVE DRAINAGE TO DRAIN INLET ADJACENT TO ROAD

- ① 4" THICK CONCRETE CURB WALL
- ② BOULDER PLACED IN CONCRETE
- ③ CONCRETE WATERWAY
- ④ SPRING OUTFALL INCORPORATE INTO BOULDERS
- ⑤ CULINARY WATER OUTFALL PIPE SECONDARY WATER OPTION
- ⑥ BOULDER WALL TO ACT AS CURB WALL

1 CONCRETE WATERWAY PLAN VIEW
1" = 1'-0"

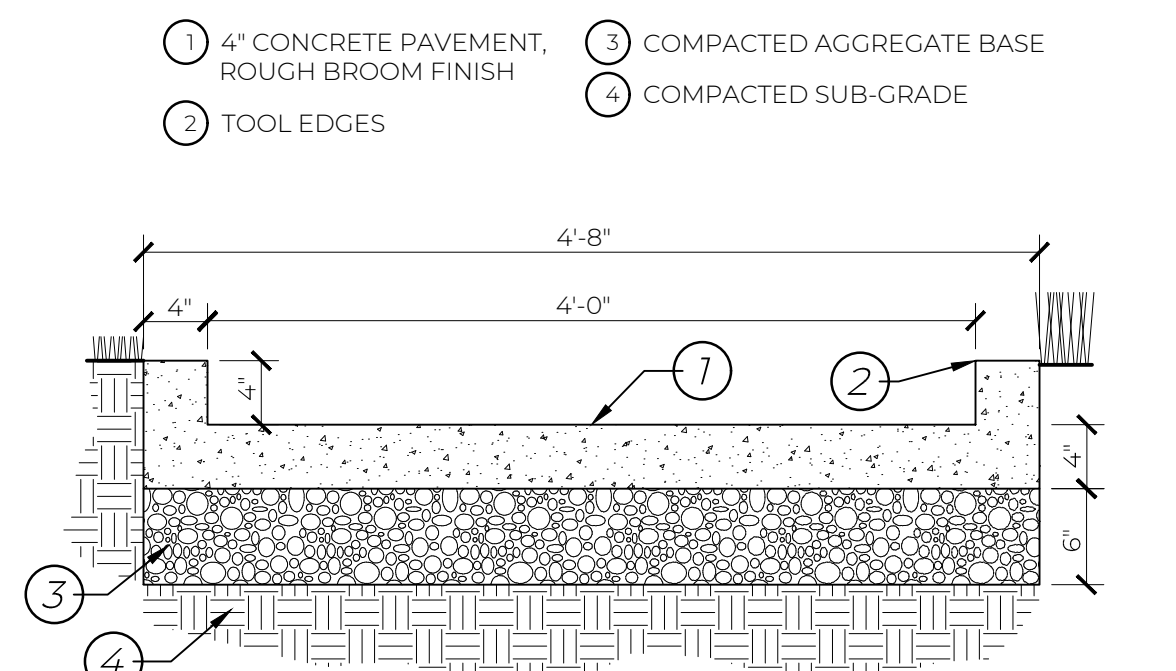
P-PA-HYRI-74



- ① 4" THICK CONCRETE WATERWAY
- ② 6" THICK COMPACTED ROAD BASE
- ③ COMPACTED SUB BASE

2 CONCRETE WATERWAY SECTION VIEW
1" = 1'-0"

P-PA-HYRI-75

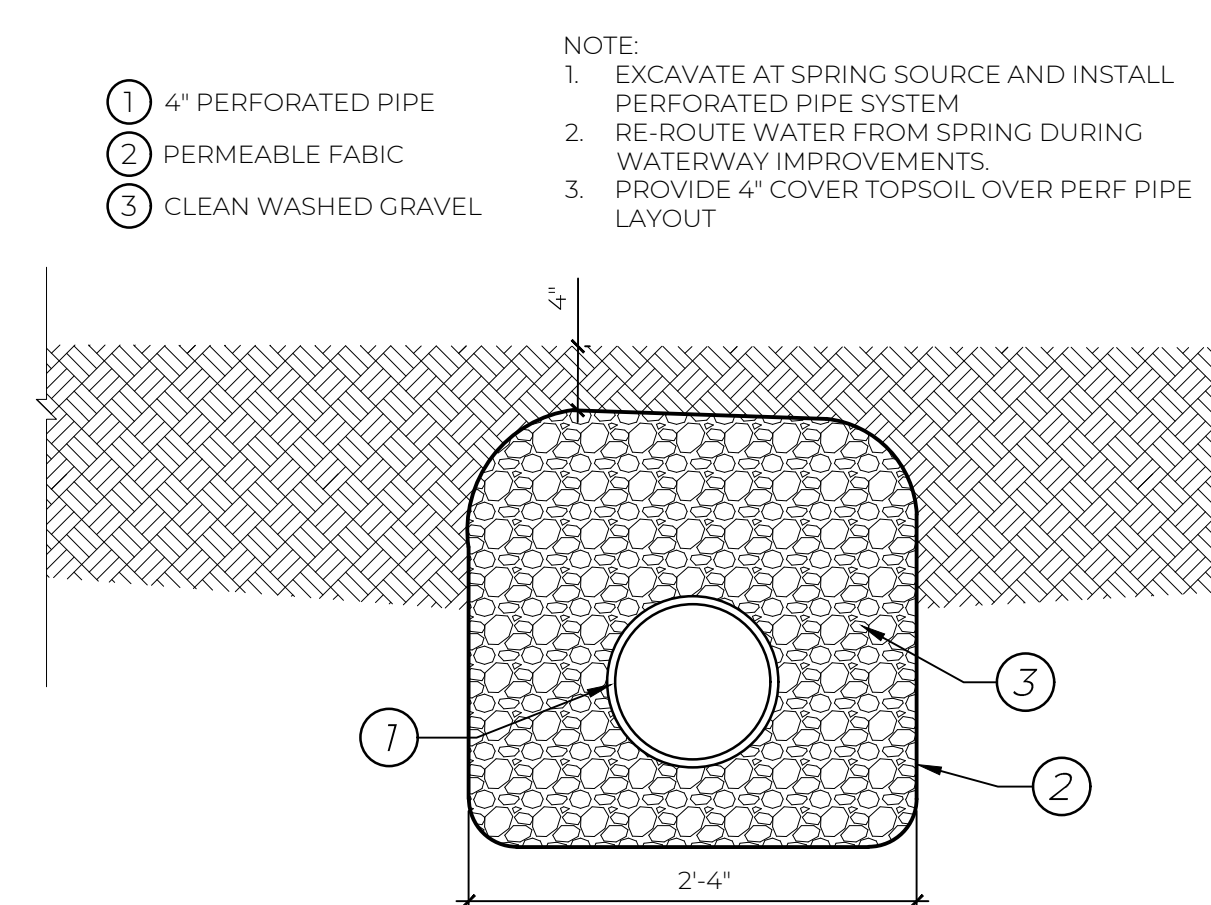


- ① 4" CONCRETE PAVEMENT, ROUGH BROOM FINISH
- ② TOOL EDGES
- ③ COMPACTED AGGREGATE BASE
- ④ COMPACTED SUB-GRADE

- NOTES:
 1. SEE CONCEPTUAL DESIGN IMAGES & INSTALL ACCORDINGLY
 2. ALTERNATE ROUTE IS 1'-0" PLUS 4" CURB WALLS BOTH SIDES EQUALING 1'-8" WIDTH

3 WATERWAY SECTION
1" = 1'-0"

P-PA-HYRI-114



- ① 4" PERFORATED PIPE
- ② PERMEABLE FABRIC
- ③ CLEAN WASHED GRAVEL

- NOTE:
 1. EXCAVATE AT SPRING SOURCE AND INSTALL PERFORATED PIPE SYSTEM
 2. RE-ROUTE WATER FROM SPRING DURING WATERWAY IMPROVEMENTS
 3. PROVIDE 4" COVER TOPSOIL OVER PERF PIPE LAYOUT

4 FRENCH DRAIN AT SPRING
1" = 1'-0"

P-PA-HYRI-116

WATERWAY SITE DETAILS

PROJECT LIBBIE SPRINGS PARK
 CLIENT HYRUM CITY

ADDRESS 20 NORTH 680 WEST, HYRUM, UT 844319

REVISIONS

NO.	DATE	DESCRIPTION

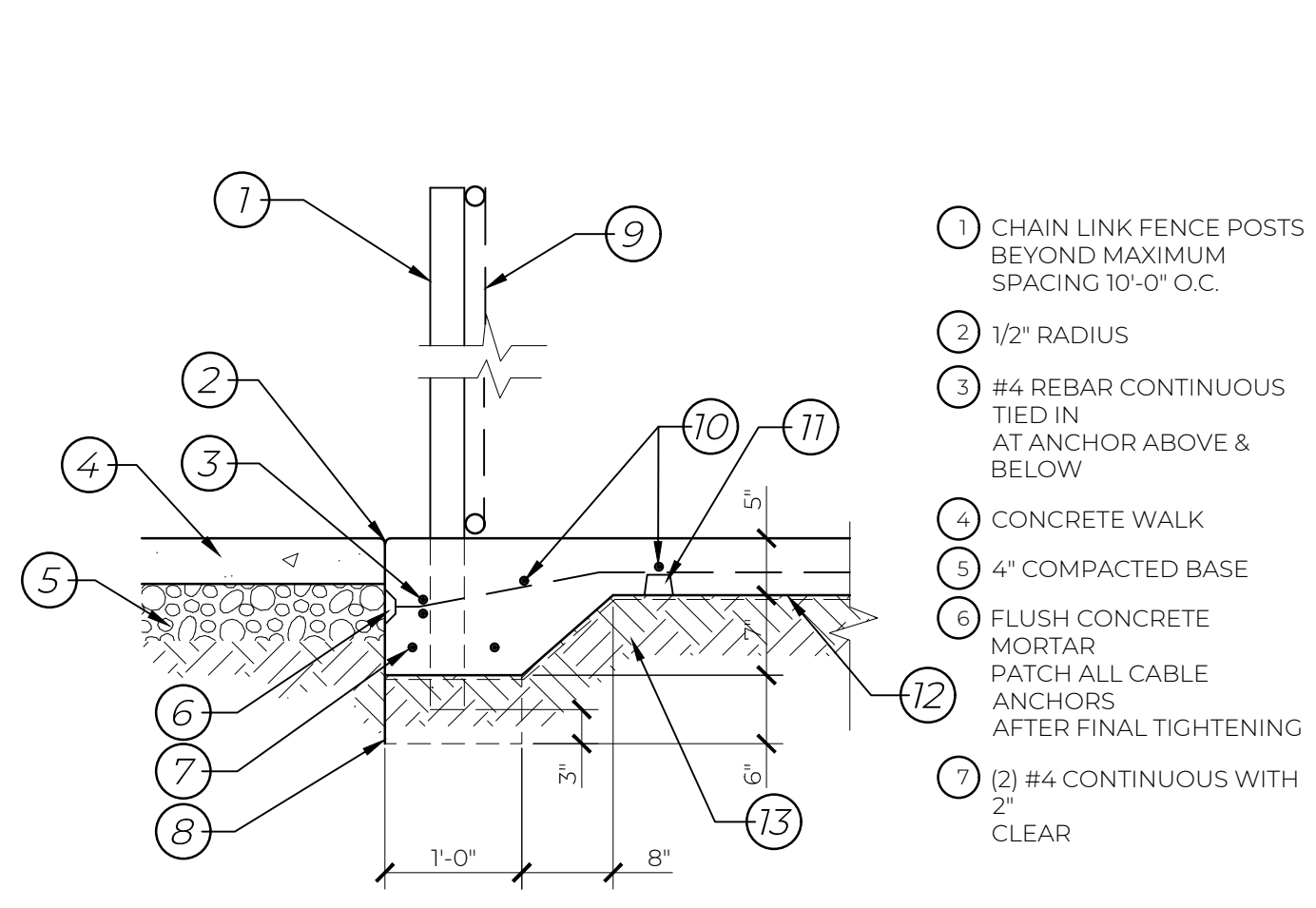
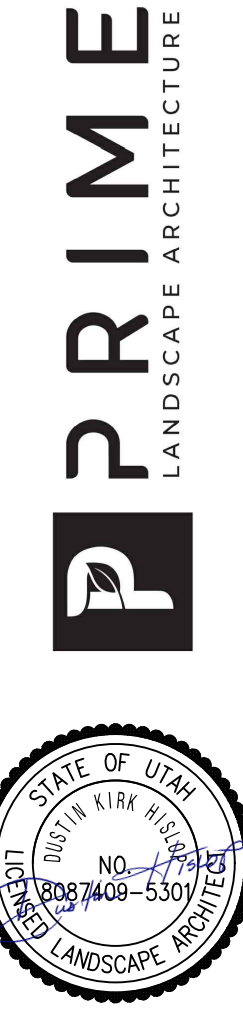


DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

SHEET

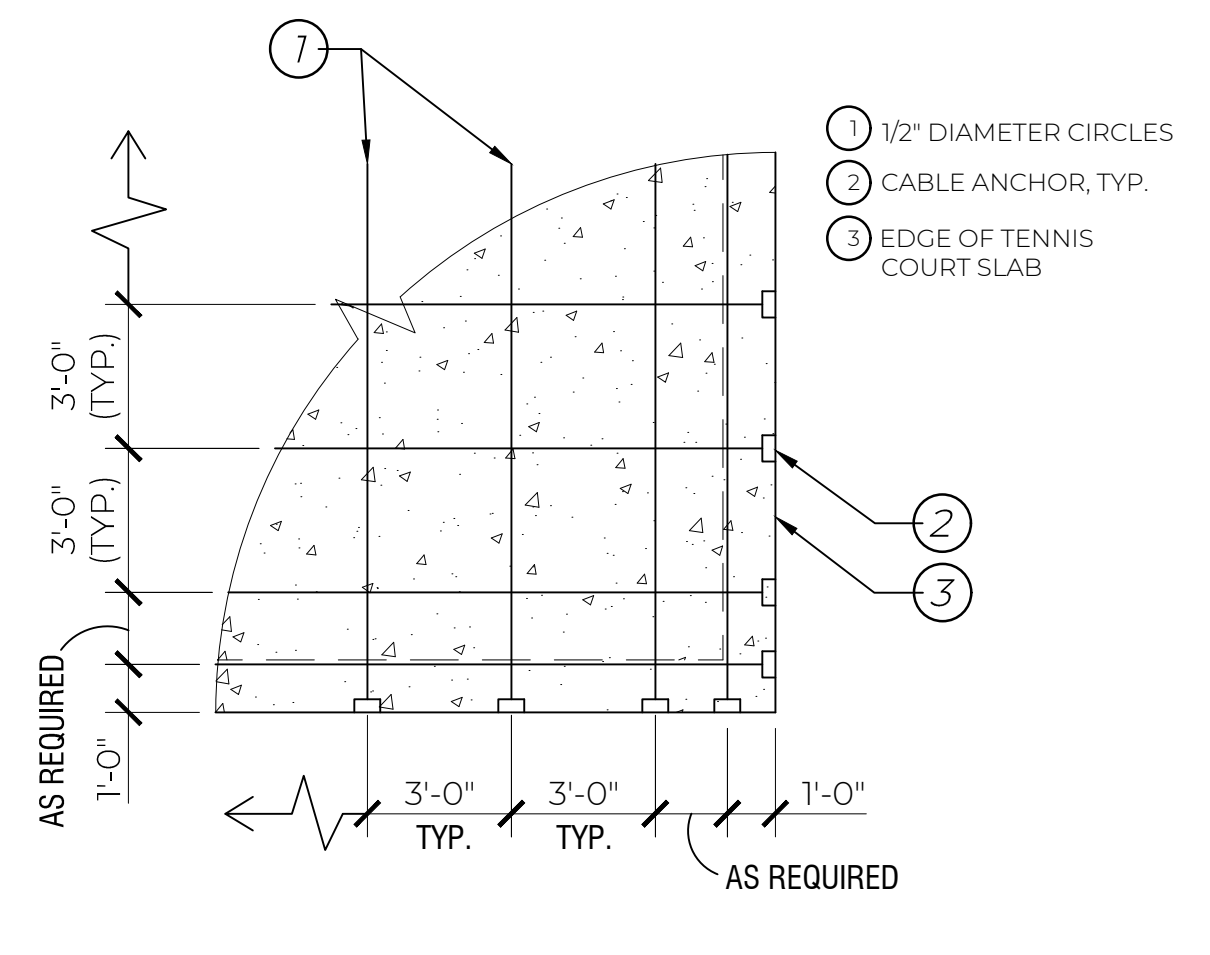
C501

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



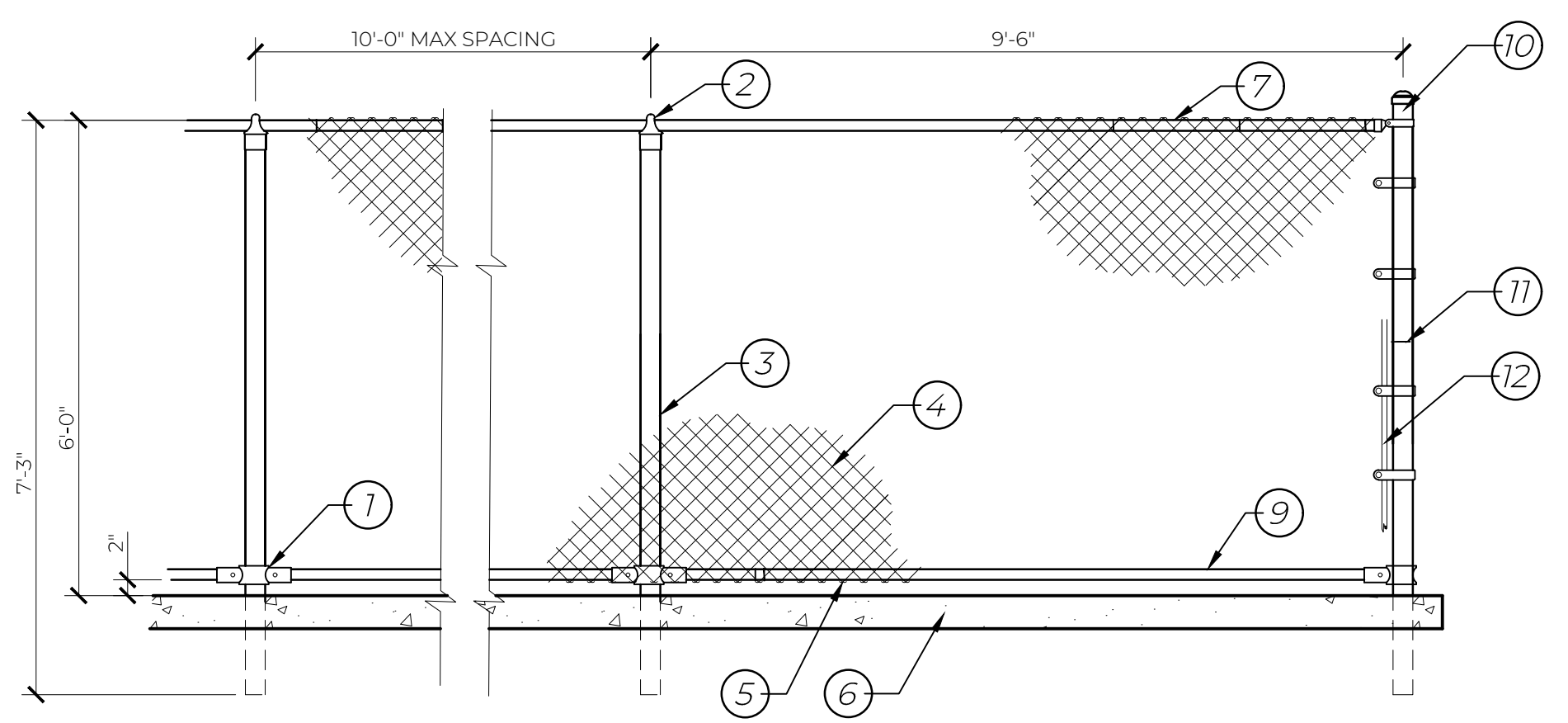
- 1 CHAIN LINK FENCE POSTS BEYOND MAXIMUM SPACING 10'-0" O.C.
- 2 1/2" RADIUS
- 3 #4 REBAR CONTINUOUS TIED IN AT ANCHOR ABOVE & BELOW
- 4 CONCRETE WALK
- 5 4" COMPACTED BASE
- 6 FLUSH CONCRETE MORTAR
- 7 PATCH ALL CABLE ANCHORS AFTER FINAL TIGHTENING
- 8 (2) #4 CONTINUOUS WITH 2" CLEAR
- 9 FENCE POST FOUNDATION BEYOND. SEE FENCING SPECIFICATIONS
- 10 PLACE FABRIC ON THE COURT SIDE OF POSTS
- 11 1/2" DIAMETER CABLES
- 12 2" CHAIR AT EVERY CABLE CROSSING
- 13 TWO LAYERS 6 MIL APPROVED POLYETHYLENE VAPOR BARRIER
- 14 4" COMPACTED UNTREATED BASE COURSE LAYER OVER COMPACTED SUBGRADE

1 TYPICAL PERIMETER BEAM SECTION
3/4" = 1'-0"



- 1 1/2" DIAMETER CIRCLES
- 2 CABLE ANCHOR, TYP.
- 3 EDGE OF TENNIS COURT SLAB

2 TYPICAL CABLE LAYOUT
1/4" = 1'-0"



- 1 BOULEVARD CLAMP
- 2 LOOP CAP
- 3 LINE POST
- 4 FENCE FABRIC
- 5 BOTTOM SELVAGE KNUCKLED
- 6 SEE POST-TENSION CONCRETE DETAILS
- 7 TOP RAIL, 1-5/8" O.D.
- 8 MIDDLE RAIL, 1-5/8" O.D.
- 9 BOTTOM RAIL, 1-5/8" O.D.
- 10 ROUND END AND CORNER POST
- 11 WIRE TIE
- 12 TENSION BAR

3 PICKLEBALL COURT FENCE
1/2" = 1'-0"

NOTE: ALL FENCING TO BE BLACK VINYL COATED

SECTION 32 3200
REINFORCED POST-TENSIONED CONCRETE
PICKLEBALL COURT CONSTRUCTION SPECIFICATIONS

This specification is merely a guideline for use by architects, engineers, contractors and potential tennis court owners. Each project is unique and the specifications may require modification to meet a situation. Investigate site for recommendations on soils, surface drainage, orientation etc.

I. GENERAL REQUIREMENTS

A. Scope
The contract work to be performed under this specification consists of furnishing all the required labor, materials, equipment, implements, parts and supplies
Of (City, State and County Name) in accordance with the specifications and drawings.

B. Standards
The work shall be done in a thorough, workmanlike manner by contractors of the American Sports Builders Association (ASBA) and Post Tension Institute (PTI), and shall conform to their standards for tennis court construction. Contractor shall have a ASBA Certified Tennis Court Builder and PTI Certified Field Technician on staff. Proof of certification shall be required of successful bidder.
All steel tendon installation, concrete work and stressing of tendons shall be done by selected contractor (no part of work to be subcontracted). This provision intent is to provide continuity and one source responsibility for the integrity of the post-tensioned slabs.
Contractor referenced for five similar successfully executed projects will be required. Contractor(s) will provide proof of insurance and a 5% bid bond. A 100% performance and payment bond will be required of the successful bidder.

C. Guarantee
The Contractor shall guarantee the work against defective materials or faulty workmanship for a period of one (1) year and that the colored surface will not wear through for a period of two (2) years from date of completion.

SITE PREPARATION

PART 1 - DESCRIPTION OF WORK

The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, complements, parts and supplies necessary for, or appurtenant to the site preparation, and grading of play courts in accordance with these specifications.

PART 2 - MATERIALS

2.1 **Fine Grade Material**
Fine grade base material shall be an approved compactable base material capable of a consistent uniform plane.

PART 3 - EXECUTION

3.1 **Subgrade**
The area will be graded to the required depth to accommodate the base and concrete thickness and provide a uniform one percent (83-1%) slope at plus or minus one tenth of a foot (+.1") in one plane. All fills will be placed in six-inch (6") layers and will be compacted to ninety percent (90%) standard density at optimum moisture. The contractor will alert the owner of any "soft spots" or structures that could affect the stability of the slab.
The site preparation will be done as to provide positive drainage away from the play courts.

3.2 **Fine Grade**
The base material shall be placed with automatic laser-regulated equipment capable of providing a true plane to plus or minus one-quarter inch (+.1/4"). The depth of the fine grade base material shall be sufficient to develop one-quarter inch (1/4") accuracy.

COURT PAVING

PART 1 - DESCRIPTION OF WORK

The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, or appurtenant to, the construction of a five inch (5") thick post-tensioned concrete slab.

PART 2 - MATERIALS

2.1 **Tensioning Cables and Anchors**
Post-tensioning strands and anchorages shall conform to the "PTI Guide Specifications for Post-tensioning Materials".
The tensioning strands shall consist of one-half inch (1/2") diameter, 7-wire, stress relieved strands, having a guaranteed ultimate tensile strength of 270,000 PSI (270 Kips). Strands shall conform to ASTM-416. Cables shall be fabricated to proper length for each slab, coated with a permanent rust preventative lubricant and encased in slip-age sheathing shall be repaired with tape prior to concrete placement. A maximum of six inches (6") exposed strands is permitted at the dead-end anchor.

2.2 **Concrete Compressive Strength**
The concrete shall have a compressive strength of not less than 4,000 PSI after twenty-eight (28) days. Ready-mixed concrete shall be mixed and delivered according to ASTM C-94 specifications for ready-mixed concrete with a three to five-inch (3-5") slump. Mix design as follows: cement - type 2, six sack (or achieving minimum of 4000 PSI), air entrainment 4-5.0% water/cement ratio -.45 or less.

PART 3 - EXECUTION

3.1 **Forming**
Forms shall be accurately set to the lines and to plus or minus one-quarter inch (+1/4") of finished grades indicated on drawings and be securely staked to prevent settlement of movement during placement of concrete. Forms shall remain until concrete has taken final set.

3.2 **Tensioning Cables and Anchors**
All cables shall be supported on chairs and loosely tied two inches (2") high at all intersections (too tightly tied, tendon friction will increase when tensioning) to prevent vertical and horizontal movement during concrete placement. Strands shall be placed as engineered. See drawing details for cable spacing.

The perimeter beam cross section is 12" X 12". The cables are anchored approximately 4" down from the surface of the slab. Two #4 rebar continuous lies longitudinally around the court beam directly inside the cable anchor on top of the cables. Overlapping should be a minimum of 30 diameters.
After the forms are removed and the concrete has set to a minimum of 1,700 PSI, the "half stress" tensioning procedure may begin. Approximately one (1) week later, each tendon may be tensioned to a maximum of eighty percent (80%) ultimate breaking strength, and anchored a minimum of seventy percent (70%) ultimate breaking strength.

Ultimate Breaking Strength	80%	70%
41,300	33,000	28,900

The cable ends shall be cut off and cone holes grouted flush with edge of slab. Grout shall be non-shrink grout.

3.3 **Joints**
If joints are allowed, they should be placed between each court or at net line, plus or minus one foot (+or-1), there shall be a keyed construction joint. See plans for location and detailed drawing.

3.4 **Placing**
A full court shall be placed in one (1) continuous operation. The five inch (5") thick slab will be placed with a sixty foot (60') mechanical screed or laser screed capable of providing a surface to ± 1/4" in 10' at a 1% slope.
Note: Finish surface shall not have a water-holding area greater than 1/8" deep (cover a nickel). This is to be determined by flooding the court with water, allowing it to drain for one hour on a 70-degree or warmer day.

3.5 **Curing**
Refer to the tennis court surface manufacturer's recommendation for allowable additives and/or curing agents.

CHAIN LINK FENCING
[For post-tensioned concrete courts]

PART 1 - DESCRIPTION

The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, or appurtenant to, the fencing of play courts (tennis and/or basketball) in accordance with these specifications.

PART 2 - MATERIALS

2.1 **Height**
Height of fence shall be 6'-0" and 4'-0" as specified by owner or drawings.

PART 3 - EXECUTION

3.1 **Workmanship**
The complete fence shall be plumb, both in line and transverse to the fence, straight and rigid with fabric tightly stretched and held firmly in place. Details of construction not specified shall be performed in keeping with standard good fencing practices. Bottom of chain link shall hang one-half inch (1/2") from court surface.

2.2 **Fabric**
Nine-gauge zinc coated (galvanized) steel chain link fence fabric conforming to ASTM A392 and other specifications referenced as Class 1-12 oz/ft² (366 g/m²) 1 1/4" mesh fabric galvanized substrate. The base metal shall have a minimum breaking strength of five hundred fifty pounds (550 lbs.) and a zinc coat weight of 1.163 pounds per square foot of un-coated wire surface. Top and bottom selvage of the fabric shall be knuckled.

2.3 **Pipe and Accessories**

A. Method of Manufacturing
Schedule 40 pipe is produced from steel manufactured by the electric furnace, open hearth, or basic oxygen process. The steel is of soft weld able quality.
Schedule 40 pipe for use as end, corner or line posts, and rails, for commercial, industrial and institutional installations of chain link fencing.

B. Posts
All line, terminal and gate posts shall be two and seven eighths inch outside diameter (2 7/8" O.D.) with a wall thickness of eleven gauge (11 Ga) and minimum yield strength of fifty-five thousand pounds per square inch (55,000 PSI).

C. Rail
Top and Bottom rail shall be one and five eighths inch outside diameter (1 5/8" O.D.) pipe with a wall thickness of thirteen gauge (13 Ga) and a minimum yield strength of fifty-five thousand pounds per square inch (55,000 PSI) and provided with seven inch (7") long expansion sleeve couplings.
Note: Middle rail is suggested on 12' or 10' where windscreen is used (owner is to specify).

D. Accessories

- Fabric ties: Eleven gauge (11 Ga) galvanized steel tie wire to fasten fabric to framework. Tension wire shall be attached to fabric bottom with heavy galvanized hog rings.
- Tension Wire: Galvanized-Two (2) strands of twelve and A half gauge (12.5 Ga.) steel wire twisted together. Vinyl Coated - One (1) strand of (8 Ga) with a six gauge (6 Ga) finish.
- Tension Bands: Beveled edge type with nuts and bolts.
- Line Post Tops: Heavy galvanized cast from eye top fitting.
- Terminal Post Tops: Heavy galvanized iron tops of rounded type Construction.
- Coating: All accessories to receive black polyester powder coating.

E. Gates
Construct gate frames with one and five-eighths inches outside diameter (1 5/8" O.D.) rail material with welded corners. Provide fabric filler same as used in fence and use heavy duty galvanized hardware with lockable latches.
Gates to be powdered coated to match the color of the fence after welding.

F. Concrete
Concrete shall have three thousand five hundred pounds per square inch (3500 PSI) compressive strength at twenty-eight (28) days.

3.2 **Posts**
Space all posts not more than eight feet (8') apart and set in concrete twenty inches (20") deep and not less than (10") in diameter.

3.3 **Rails**
Set top and bottom rails as nearly parallel to the finish grade as possible and at the specified height of the fence.

3.4 Note: Middle rail is suggested on 12' high fence where windscreen is used (owner is to specify).

3.5 **Fabric Ties**
Provide a minimum of six (6) ties for each ten feet (10') of rail and one (1) tie to each foot of post height. Ties to tension wire shall be made with heavy galvanized hog rings at six (6) per ten feet (10') of tension wire.

3.6 **Tension Bands**
Provide one (1) fastener for each one foot (1') of fabric height. (Minimum of 8 bands for 10 ft., 3 bands for 43').

3.7 **Gates**
Gates shall swing easily and hang true and close into the plane of the fence.

SECTION 02841

PART 1 - DESCRIPTION OF WORK

Work covered by this specification concerns all labor, materials, and equipment necessary for installation of pickleball basketball recreational equipment.

PART 2 - MATERIALS

2.2 **NETS**
Douglas Pickle Ball net has 2 ply headband weight, 65 oz., 20 oz./sq. yd. 3.5 mm braided polyethylene netting, 325# B/S. Top 6 rows are double mesh. 5 year limited warrant.

2.3 **CENTER STRAPS**
Douglas Center Strap. Center strap is two inches (2") wide, white polypropylene webbing with adjustable buckle and bottom double-ended snap hook.
Anchor is tubular pipe eight inches (8") long by one and seven-eighths inch (1 7/8") diameter with a five-sixteenth inch (5/16") anchoring pin.

PART 3 - EXECUTION

Installation in accordance with the manufacturer's recommendations.

3.2 **NET POSTS**
Set in concrete foundations three feet (3') deep by eighteen inches (18") in diameter. Net posts to be laid out according to the American Sports Builders Association specifications and installed in galvanized stainless sleeves to match net posts.

3.3 **NETS**
Hung flush with the net posts at forty-two (42") and thirty-six inches (36") high in the center.

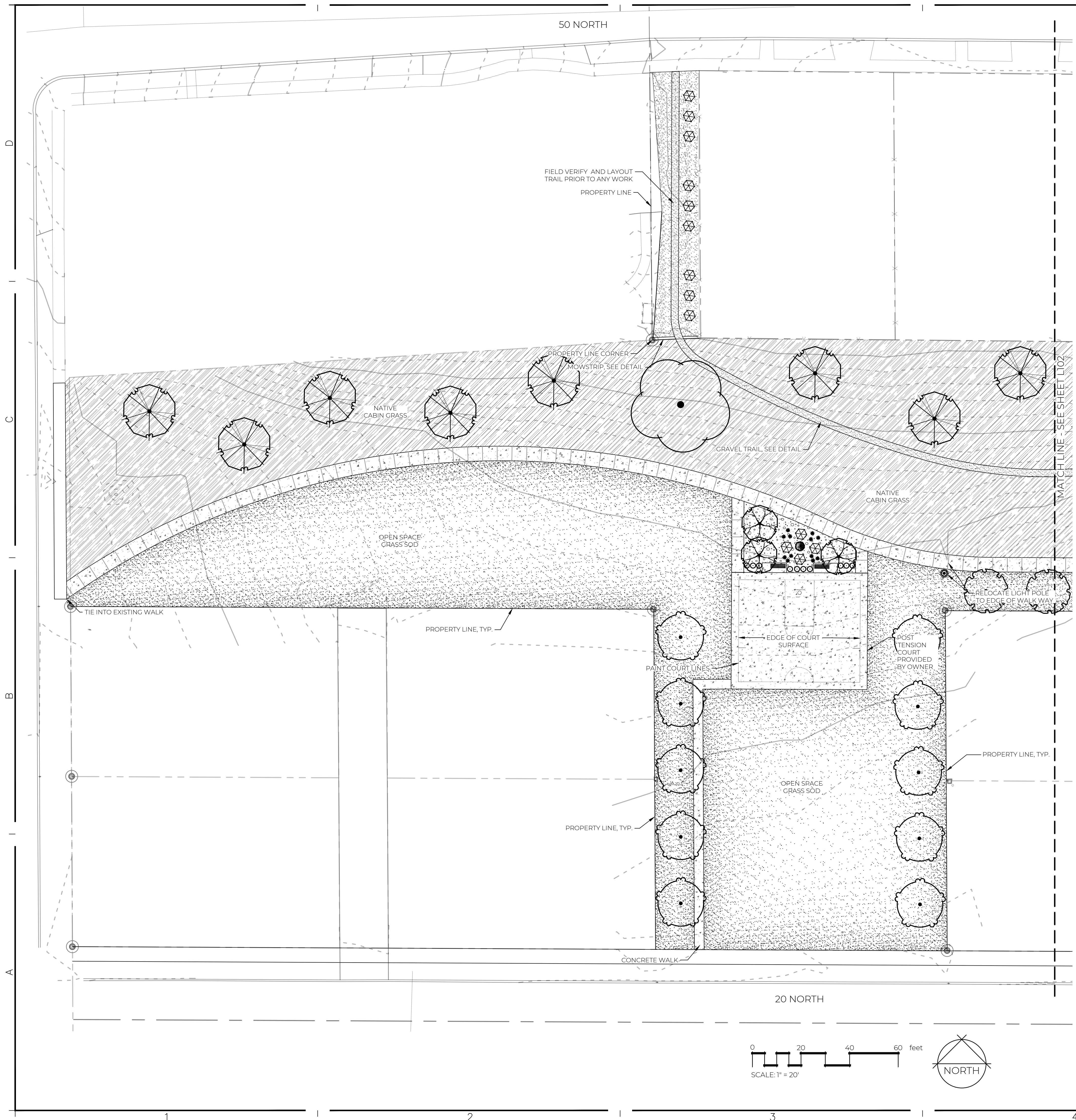
TITLE	POST TENSION PICKLEBALL DETAILS
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84439

REVISIONS		
NO.	DATE	DESCRIPTION

DATE: 02-04-2025
JOB NUMBER: 80015
CHECKED BY: HISLOP

SHEET
C502

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. © COPYRIGHT 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



PLANTING SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
TREES				
	AT	Acer truncatum 'Norwegian Sunset' / Norwegian Sunset Maple	2" Cal.	3
	PPF	Picea pungens 'Fastigata' / Columnar Colorado Spruce	B & B	1
	PIN ARI	Pinus aristata 'Sherwood Compacta' / Dwarf Bristlecone Pine	4" Ht.	3
	PAB	Platanus acerifolia 'Bloodgood' / London Plane Tree	2" Cal.	1
	PV2	Prunus virginiana 'Canada Red' / Canada Red Chokecherry	2" Cal.	14
	PRU KO	Prunus x 'Kwanzan' / Kwanzan Flowering Cherry	2" Cal.	3
	PYC	Pyrus calleryana 'chanceleer' / Chanticleer Callery Pear	2" Cal.	10
	QUE SKY	Quercus robur 'Fastigiata' TM / Skyrocket English Oak	2" Cal.	14
	SI	Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac	2" Cal.	6
	TIL COR	Tilia cordata / Littleleaf Linden	2" Cal.	10
	ZSV	Zelkova serrata 'Village Green' / Village Green Zelkova	2.5" Ca	6
SHRUBS				
	AME UTA	Amelanchier utahensis / Utah Serviceberry	5 gal.	8
	EA	Euonymus alatus 'Compactus' / Compact Burning Bush	5 gal.	27
	YH	Yucca harrimaniae 'Nana' / Dwarf Harriman's Yucca	5 gal.	31
GRASSES				
	CV	Calamagrostis x acutiflora 'Avalanche' / Feather Reed Grass	1 gal.	26
	HEL SEM	Helictotrichon sempervirens / Blue Oat Grass	5 gal.	8
GROUND COVERS				
	CR	Crushed Angular Rock 2"-4" / Owner to Select Color	N/A	8,980 sf
	CR2	Crushed Angular Rock 4" / Owner to Select Color	N/A	276 sf
	POA PRA	Kentucky Bluegrass / Kentucky Bluegrass	sod	53,824 sf
	NAT G14	Native Grass / Grass Native	Seed	58,785 sf

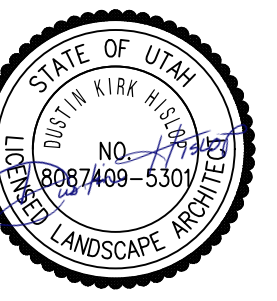
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
BOULDER NOTES				
1. BOULDERS ARE NOT SHOWN IN LEGEND. SEE PLAN FOR LOCATIONS. PROVIDE & INSTALL A VARIETY OF 3-4 FOOT BOULDERS.				
2. OBTAIN BOULDERS FROM ONE OF TWO SOURCES:				
21. MAPLE CREEK LANDSCAPE PRODUCTS - PRESTON, ID				
22. STAKER PARSON COMPANIES - MAGUIRE PIT - WILLARD, UT				

PLANTING NOTES

- CONTRACTOR TO VERIFY ALL CONDITIONS PERTAINING TO THIS PLAN AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- THE CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITIES LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE OWNER.
- CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY OPERATIONS (WHICH OCCUR ON OR OFF SITE) TO THE OWNER'S SATISFACTION.
- ALL QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THEY DO NOT NECESSARILY CORRESPOND TO BID SCHEDULE ITEMS. IN THE CASE OF ANY DISCREPANCIES, PLANS SHALL OVER-RIDE THE LANDSCAPE AND BID SCHEDULE QUANTITIES. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON THE PLANS AND BASE THEIR BID ACCORDINGLY.
- DO NOT MAKE UNAPPROVED SUBSTITUTIONS. IF SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY FROM AT LEAST FIVE SOURCES TO OWNER, TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL FOR FINAL APPROVAL.
- LAYOUT INDIVIDUAL TREE LOCATIONS, STAKE LOCATIONS, AND OUTLINE AREAS AND SECURE OWNER'S ACCEPTANCE BEFORE START OF PLANTING WORK. MAKE MINOR ADJUSTMENTS AS MAY BE DIRECTED.
- REPAIR ALL LANDSCAPING WHERE NEW CONSTRUCTION MEETS EXISTING.
- PERFORM PERCOLATION TEST ON ALL TREE PLANTING HOLES PRIOR TO PLANTING. INFORM OWNER OF CONDITIONS OF POOR DRAINAGE.
- LANDSCAPE CONTRACTOR SHALL COORDINATE AND ADJUST PLANT PLACEMENT WITH SPRINKLERS.
- ALL PLANT MATERIAL ON SITE SHALL BE LABELED AND INSPECTED AND APPROVED BY HYRUM CITY URBAN FORESTER PRIOR TO ANY INSTALLATION OF PLANT MATERIAL.
- CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL PLANT MATERIALS IN A HEALTHY STATE DURING CONSTRUCTION. ANY DAMAGE TO PLANT MATERIAL DUE TO NEGLIGENCE BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- SEE SHEET L500, L501 AND L502 FOR LANDSCAPE & IRRIGATION DETAILS.

CABIN GRASS SEED NOTES

- PROVIDE NATIVE CABIN GRASS HYDROSEED MIX ON ALL NATIVE GRASS AREAS.
- MAINTAIN NATIVE GRASS AREA FOR ALL OF 2025 SEASON, PROVIDING WEED CONTROL AND OVERSEEDING OF CABIN GRASS UNTIL NATIVE AREAS ARE LUSH WITHOUT BARE PATCHES.



TITLE	PLANTING PLAN
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS		
NO.	DATE	DESCRIPTION



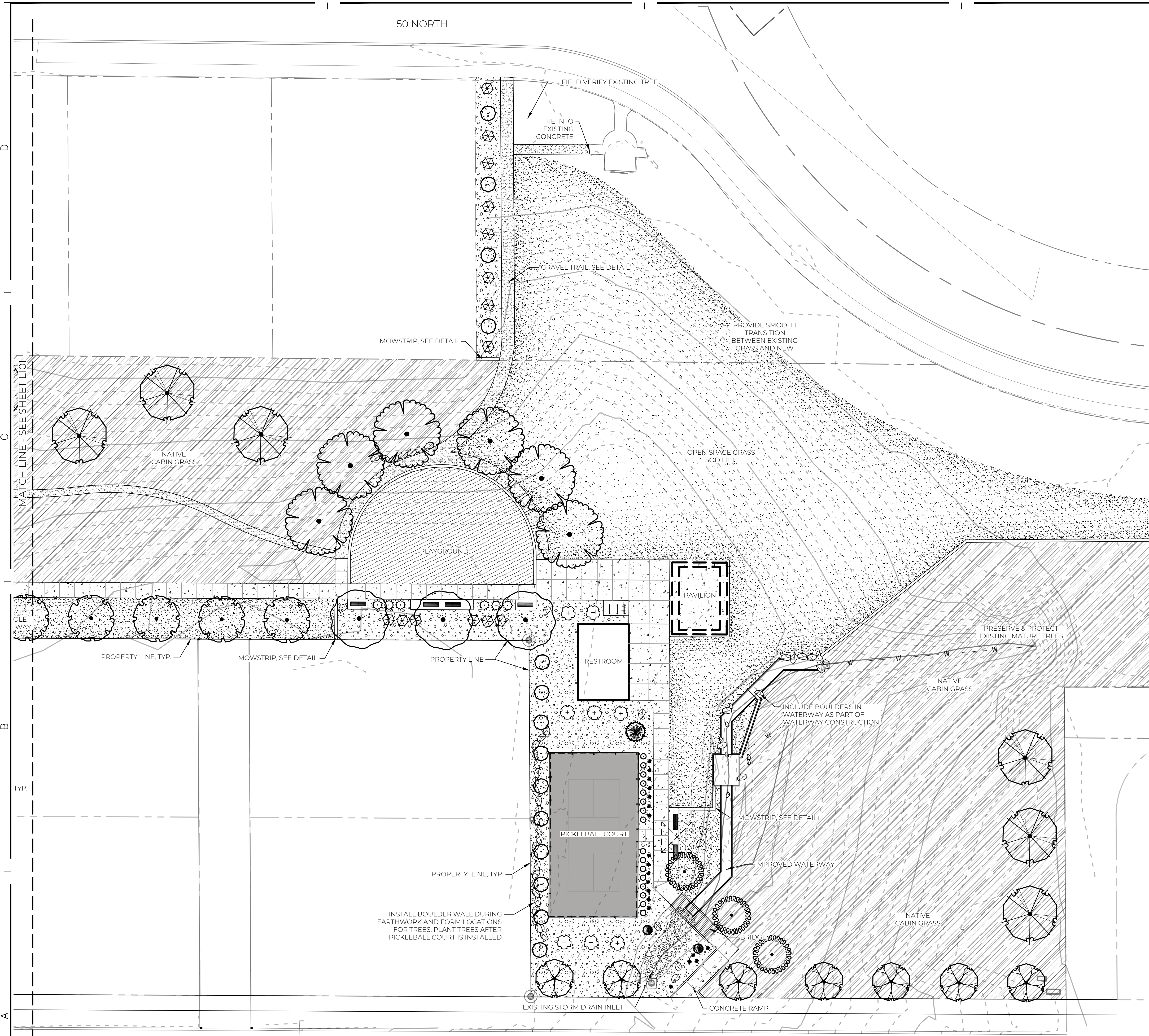
DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP



BLUESTAKE

SHEET
L101

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



PLANTING SCHEDULE

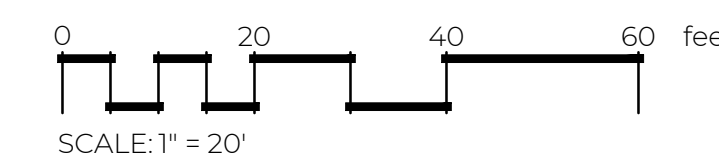
SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	QTY
TREES				
	AT	Acer truncatum 'Norwegian Sunset' / Norwegian Sunset Maple	2" Cal.	3
	PPF	Picea pungens 'Fastigata' / Columnar Colorado Spruce	B & B	1
	PIN ARI	Pinus aristata 'Sherwood Compacta' / Dwarf Bristlecone Pine	4' Ht.	3
	PAB	Platanus acerifolia 'Bloodgood' / London Plane Tree	2" Cal.	1
	PV2	Prunus virginiana 'Canada Red' / Canada Red Chokecherry	2" Cal.	14
	PRU RKO	Prunus x 'Kwanzan' / Kwanzan Flowering Cherry	2" Cal.	3
	PYC	Pyrus calleryana 'chanticleer' / Chanticleer Callery Pear	2" Cal.	10
	QUE SKY	Quercus robur 'Fastigiata' TM / Skyrocket English Oak	2" Cal.	14
	SI	Syringa reticulata 'Ivory Silk' / Ivory Silk Japanese Tree Lilac	2" Cal.	6
	TIL COR	Tilia cordata / Littleleaf Linden	2" Cal.	10
	ZSV	Zelkova serrata 'Village Green' / Village Green Zelkova	2.5" Ca	6
SHRUBS				
	AME UTA	Amelanchier utahensis / Utah Serviceberry	5 gal.	8
	EA	Euonymus alatus 'Compactus' / Compact Burning Bush	5 gal	27
	YH	Yucca harrimaniae 'Nana' / Dwarf Harriman's Yucca	5 gal	31
GRASSES				
	CV	Calamagrostis x acutiflora 'Avalanche' / Feather Reed Grass	1 gal	26
	HEL SEM	Helictotrichon sempervirens / Blue Oat Grass	5 gal	8
GROUND COVERS				
	CR	Crushed Angular Rock 2"-4" / Owner to Select Color	N/A	8,980 sf
	CR2	Crushed Angular Rock 4" / Owner to Select Color	N/A	276 sf
	POA PRA	Kentucky Bluegrass / Kentucky Bluegrass	sod	53,824 sf
	NAT G14	Native Grass / Grass Native	Seed	58,785 sf
BOULDER NOTES				
1. BOULDERS ARE NOT SHOWN IN LEGEND. SEE PLAN FOR LOCATIONS. PROVIDE & INSTALL A VARIETY OF 3-4 FOOT BOULDERS.				
2. OBTAIN BOULDERS FROM ONE OF TWO SOURCES:				
2.1. MAPLE CREEK LANDSCAPE PRODUCTS - PRESTON, ID				
2.2. STAKER PARSON COMPANIES - MAGUIRE PIT - WILLARD, UT				

PLANTING NOTES

- CONTRACTOR TO VERIFY ALL CONDITIONS PERTAINING TO THIS PLAN AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE OWNER.
- THE CONTRACTOR SHALL LOCATE AND VERIFY ALL UTILITIES LINES PRIOR TO PLANTING AND SHALL REPORT ANY CONFLICTS TO THE OWNER.
- CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY OPERATIONS (WHICH OCCUR ON OR OFF SITE) TO THE OWNER'S SATISFACTION.
- ALL QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED SOLELY FOR THE CONTRACTOR'S CONVENIENCE. THEY DO NOT NECESSARILY CORRESPOND TO BID SCHEDULE ITEMS. IN THE CASE OF ANY DISCREPANCIES, PLANS SHALL OVER-RIDE THE LANDSCAPE AND BID SCHEDULE QUANTITIES. CONTRACTOR SHALL VERIFY QUANTITIES SHOWN ON THE PLANS AND BASE THEIR BID ACCORDINGLY. DO NOT MAKE UNAPPROVED SUBSTITUTIONS. IF SPECIFIED LANDSCAPE MATERIAL IS NOT OBTAINABLE, SUBMIT PROOF OF NON-AVAILABILITY FROM AT LEAST FIVE SOURCES TO OWNER, TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL FOR FINAL APPROVAL.
- LAYOUT INDIVIDUAL TREE LOCATIONS, STAKE LOCATIONS, AND OUTLINE AREAS AND SECURE OWNER'S ACCEPTANCE BEFORE START OF PLANTING WORK. MAKE MINOR ADJUSTMENTS AS MAY BE DIRECTED.
- REPAIR ALL LANDSCAPING WHERE NEW CONSTRUCTION MEETS EXISTING.
- PERFORM PERCOLATION TEST ON ALL TREE PLANTING HOLES PRIOR TO PLANTING. INFORM OWNER OF CONDITIONS OF POOR DRAINAGE.
- LANDSCAPE CONTRACTOR SHALL COORDINATE AND ADJUST PLANT PLACEMENT WITH SPRINKLERS.
- ALL PLANT MATERIAL ON SITE SHALL BE LABELED AND INSPECTED AND APPROVED BY HYRUM CITY URBAN FORESTER PRIOR TO ANY INSTALLATION OF PLANT MATERIAL.
- CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN ALL PLANT MATERIALS IN A HEALTHY STATE DURING CONSTRUCTION. ANY DAMAGE TO PLANT MATERIAL DUE TO NEGLIGENCE BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- SEE SHEET L500, L501, AND L502 FOR LANDSCAPE & IRRIGATION DETAILS.

CABIN GRASS SEED NOTES

- PROVIDE NATIVE CABIN GRASS HYDROSEED MIX ON ALL NATIVE GRASS AREAS.
- MAINTAIN NATIVE GRASS AREA FOR A FULL YEAR SEASON, PROVIDING WEED CONTROL AND OVERSEEDING OF CABIN GRASS UNTIL NATIVE AREAS ARE LUSH WITHOUT BARE PATCHES.



TITLE	PLANTING PLAN
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS		
NO.	DATE	DESCRIPTION



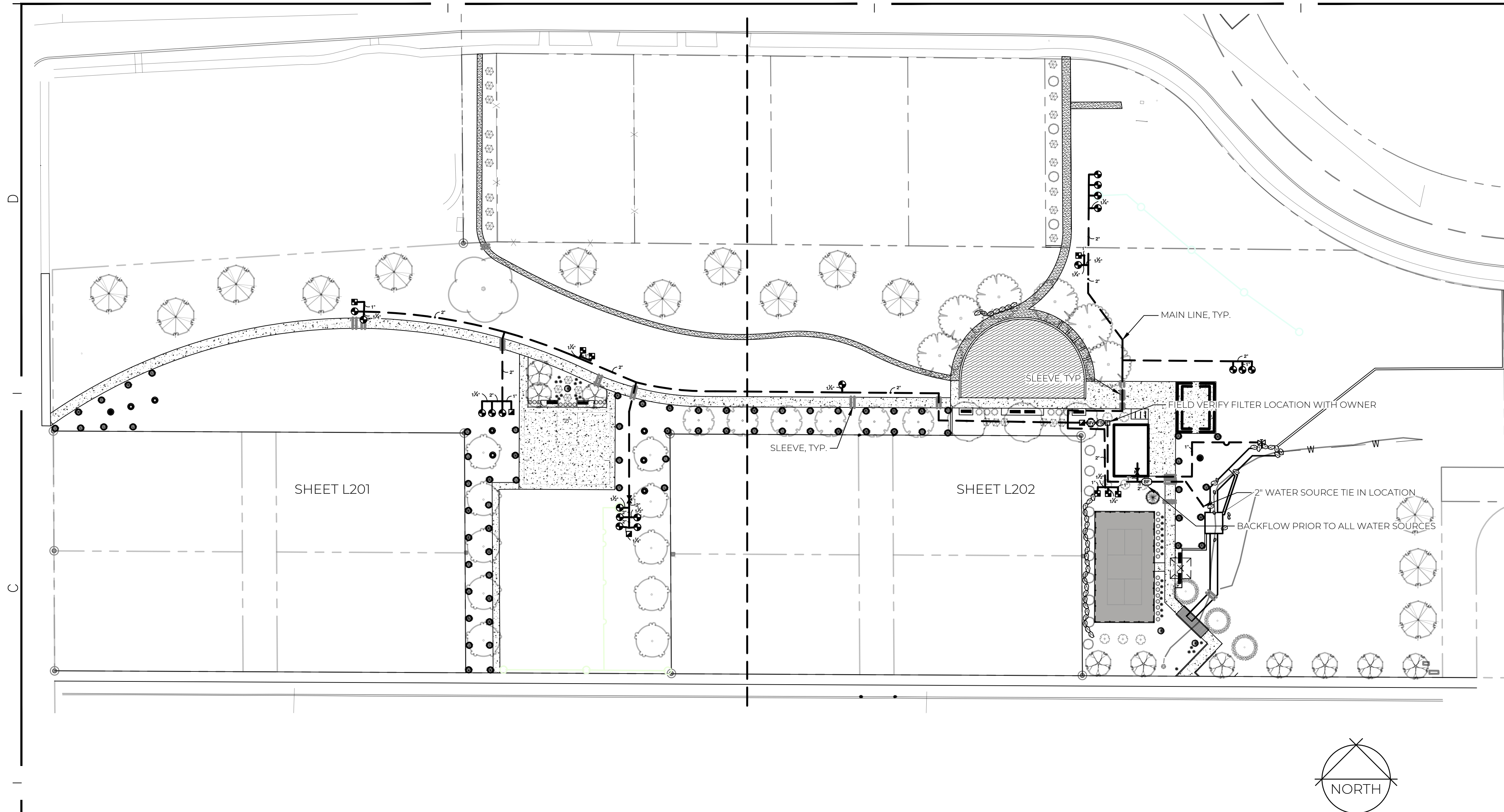
DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP



BLUESTAKE

SHEET
L102

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	P&I
	Rain Bird R-VAN18 1806-SAM-P45 Turf Rotary, 13" -18" 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	2	35
	Rain Bird R-VAN24 1806-SAM-P45 Turf Rotary, 17" -24" 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	75	35
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	P&I
	Rain Bird 6504-PC, FC (2) 04 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	11	40
	Rain Bird 6504-PC, FC (2) 06 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	2	40
	Rain Bird 6504-PC, FC (2) 08 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	1	40
	Rain Bird 6504-PC, FC (2) 10 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	10	40
	Rain Bird 6504-PC, FC (2) 12 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	29	40
	Rain Bird 6504-PC, FC (2) 14 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	6	40
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird X CZ-100-PRB-COM 1" Wide Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3 GPM-20 GPM	7	
	Pipe Transition Point above grade Pipe transition point from PVC lateral to drip tubing with riser to above grade installation.	5	
	Flush Valve	12	
	Area to Receive Drip Emitters GPH Irrigation GPCB Pressure compensating full-circle bubbler in Standard Color. 0.25 GPM, 0.5 GPM, 1.0 GPM, Adjustable to 2.0 GPM. 0.25 emitters (2 assigned to each 1 gal plant) 0.25 emitters (2 assigned to each 5 gal plant) 0.25 emitters (2 assigned to each 2" Cal. plant) 0.25 emitters (2 assigned to each 8" Ht. plant) 0.25 emitters (2 assigned to each B & B, 2.5" plant) 0.25 emitters (2 assigned to each B & B, 5" Height, Mountain plant) 0.25 emitters (3 assigned to each Existing plant)	11,163	sf
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird PESB 1" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	1	
	Rain Bird PESB 1-1/2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	6	
	Rain Bird PESB 2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	12	
	Rain Bird 44-RC 1" 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	3	
	Landscape Products Inc. BBV 1in. Full Port Brass Ball Valve. Suitable for a full range of liquids and gases in residential and commercial applications.	1	
	Leemco LBT-BB 2in. (FPT X FPT) Brass Ball Valve.	2	
	Rain Bird PESB-PRS-D-A 2" 1in, 1-1/2in, 2in, 3in. Plastic Industrial Master Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulating Module, and Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	1	
	Watts LF909M1 2" Lead Free Reduced Pressure Backflow Preventer.	1	
	Hydro Point WTFLOWHD-1-200 2" Iron, high-definition flow sensor and sub-meter for 2in. mainlines.	1	
	Amiad 2-OL-MSIG- Steel Screen 200mm Amiad 2in. Mini Sigma, On-Line Self-Cleaning Filter, BSPT or NPT inlet-outlet. Stainless Steel Weavewire Screen Element. ADI-P Bluetooth Range Controller. Maximum working pressure 116psi.	1	

IRRIGATION NOTES

- WORKMANSHIP AND MATERIALS SHALL CONFORM TO ALL GOVERNMENTAL CODES AND REGULATIONS HAVING JURISDICTION. INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIM/HERSELF WITH ALL GRADES, LOCATION OF WALKS, STRUCTURES, AND UTILITIES. THE CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY CONSTRUCTION.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN ON THESE PLANS. INSTALLER SHALL LOCATE ALL UNDERGROUND UTILITIES AT LEAST FORTY-EIGHT (48) HOURS BEFORE DIGGING. THE INSTALLER SHALL CALL BLUE STAKE, PROPERTY OWNER, AND CONSULT WITH ANY OTHER PERSONS OR AGENCIES HAVING INFORMATION ON LOCATIONS OF UNDERGROUND UTILITIES.
- NOTIFY PROJECT REPRESENTATIVE OF ANY DISCREPANCY FOUND BETWEEN THE CONSTRUCTION DOCUMENTS AND THE EXISTING SITE AND/OR MATERIALS TO BE INSTALLED. DO NOT INSTALL THE IRRIGATION SYSTEM AS SHOWN WHEN ANY UNKNOWN CONDITION SUCH AS OBSTRUCTIONS, DIFFERENCES IN GRADE AND AREA DIMENSIONS EXIST IN THE FIELD WHICH WERE NOT CONSIDERED IN THE IRRIGATION DESIGN. IN THE EVENT THAT NOTIFICATION IS NOT GIVEN BY THE CONTRACTOR TO OWNER'S REPRESENTATIVE, THEN THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS OR CHANGE ORDERS.
- NO PART OF THIS SYSTEM SHALL BE INSTALLED IN ANY LOCATION OR MANNER WHICH MAY ENDANGER THE HEALTH, SAFETY, OR WELFARE OF THE PUBLIC. OPEN EXCAVATIONS SHALL BE BARRICADED OR COVERED. PROVIDE AND MAINTAIN ALL LIGHTS, WARNING SIGNS, BARRICADES, ETC. AS MAY BE REQUIRED OR NECESSARY TO PROTECT THE PUBLIC.
- INSTALLER SHALL CHECK THE STATIC WATER PRESSURE AT THE POINT OF CONNECTION PRIOR TO START OF INSTALLATION. IF PRESSURE IS 5 PSI HIGHER OR LOWER THAN SPECIFIED, THE INSTALLER SHALL NOTIFY THE PROJECT REPRESENTATIVE.
- THE PROJECT IS DESIGNED TO OPERATE AT A STATIC PRESSURE IN THE CITY MAIN OF 80 P.S.I. SET THE REMOTE-CONTROL VALVE PRESSURE REGULATOR TO PROVIDE AT LEAST 60 PSI TO THE LAST ROTOR HEAD IN THE CIRCUIT AND PROPER PSI FOR IRRIGATION SPRAY HEADS.
- PIPE PLACEMENT AND VALVE LOCATIONS ARE DIAGRAMMATIC. LOCATE PIPING AND VALVE BOXES IN PLANTING AREAS WHERE POSSIBLE.
- CONTRACTOR TO COORDINATE SLEEVING UNDER ALL PAVED SURFACE AREAS (CONCRETE WALKS, ROADS, PARKING AREAS, ETC.) WITH APPROPRIATE CONTRACTORS. SLEEVES SHALL BE A MINIMUM OF TWO TIMES LARGER THAN THE PIPE TO BE SLEEVED. IRRIGATION CONTROL WIRE WILL BE SLEEVED UNDER PAVEMENT ADJACENT TO THE IRRIGATION MAINLINE OR FROM THE CONTROLLER TO THE MAINLINE IN 2" CONDUIT. ALL CONTROL WIRES SHALL BE SLEEVED BETWEEN THE CONTROLLER AND IRRIGATION MAINLINE IN 2" CONDUIT.
- INSTALLER SHALL FILL AND COMPACT EXCAVATIONS SO THAT THEY ARE FLUSH WITH SURROUNDING GRADE AND WILL NOT SETTLE.
- INSTALL ALL DRIP IRRIGATION ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL DRIP TUBING SHALL BE HELD IN PLACE BY SOIL STAPLES. IN SANDY SOILS PLACE ONE STAPLE EVERY THREE FEET, IN LOAM SOIL ONE STAPLE EVERY FOUR FEET, AND IN CLAY SOIL ONE STAPLE EVERY 5 FEET. PLACE TWO STAPLES ON EACH CHANGE OF DIRECTION (TEE, ELBOW OR CROSS)
- INSTALL POINT SOURCE DRIP IRRIGATION ACCORDING TO PLANS, DETAILS AND MANUFACTURER'S RECOMMENDATIONS. INSTALL INLINE DRIP IN PLANTERS FOR DENSE PLANTINGS AND FOR TREE RINGS ACCORDING PLAN, DETAILS AND IRRIGATION SCHEDULE. EACH DRIP VALVE SHALL BE CONNECTED BY PVC PIPING TO DRIP PLANTING AREAS THEN TO BLANK TUBING TO POINT SOURCE EMITTERS AT PLANTS AND TO INLINE DRIP FOR DENSE PLANTING AREAS OR TREE RINGS.
- POINT SOURCE DRIP IRRIGATION SHALL BE INSTALLED ACCORDING TO PLANS, DETAILS, IRRIGATION SCHEDULE AND MANUFACTURER'S RECOMMENDATIONS. EACH DRIP VALVE SHALL BE CONNECTED BY PVC PIPING TO DRIP PLANTING AREAS THEN TO BLANK TUBING TO POINT SOURCE EMITTERS AT PLANTS.
- INSTALL MANUAL DRAIN VALVES AS PER DETAILS AT ALL LOW POINTS ON THE MAINLINE. LATERAL LINES TO DRAIN TO DRAIN VALVE IN THE REMOTE-CONTROL VALVE BOX.
- A MASTER VALVE SHALL BE INSTALLED ALONG WITH APPROPRIATE FLOW SENSING EQUIPMENT TO ELIMINATE EXCESS SYSTEM FLOW SHOULD A VALVE TICK OPEN AFTER A CYCLE HAS BEEN COMPLETED OR A MAINLINE BREAK OCCURS.
- INSTALL IRRIGATION CONTROLLER IN RESTROOM STORAGE ROOM ACCORDING TO MANUFACTURER'S RECOMMENDATIONS. APPROVE LOCATION WITH OWNER PRIOR TO INSTALLATION. EARTH GROUND THE CONTROLLER AND CONTROL WIRES.
- 120V AC ELECTRICAL POWER SOURCE AT THE CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. COORDINATE WITH THE ELECTRICAL CONTRACTOR. THE IRRIGATION CONTRACTOR SHALL MAKE THE FINAL CONNECTION FROM THE ELECTRICAL SOURCE TO THE CONTROLLER.
- CONTROL WIRE SHALL BE UF-UL LISTED, COLOR CODED COPPER CONDUCTOR DIRECT BURIAL SIZE 14. IRRIGATION CONTROL WIRE SHALL BE IN ONE INCH CONDUIT AT ALL TIMES NEXT TO MAINLINE AND SWEEP INTO VALVE BOXES AS SHOWN ON DETAIL. IRRIGATION SPLICES SHALL BE DONE BY DBY OR DBR BY 3M. ALL SPLICES SHALL BE MADE INSIDE VALVE BOXES.
- INSTALL FILTER ASSEMBLY ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AND LOCAL CODES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING PROPER COVERAGE OF ALL IRRIGATED AREAS.
- ADJUST HEADS TO MINIMIZE SPRAY ON FENCES, WALLS, AND BUILDINGS. ABSOLUTELY NO WATER SHALL SPRAY OR DRAIN ONTO OR OVER STAIRS OR STEPS, OR DRAIN ACROSS WALKS, CURBS, OR STREETS. PROGRAM CONTROLLER FOR MULTIPLE START TIMES TO PREVENT RUNOFF. INSTALL ANTI-DRAIN CHECK VALVES UNDER HEADS WHERE DRAINAGE OCCURS OR USE HEADS WITH INTEGRAL CHECK VALVES.
- IRRIGATION TIME CLOCKS SHALL BE READJUSTED CONTINUOUSLY THROUGHOUT THE IRRIGATION SEASON TO PROVIDE SUFFICIENT WATER FOR PLANT LIFE. OVER WATERING CAN RESULT IN DEATH OF PLANTS, POSSIBLE SOIL EXPANSION, DAMAGE TO CONCRETE AND ASPHALT PAVING, DAMAGE TO FOUNDATIONS AND POSSIBLE LOSS OF SOIL COMPACTION.
- PLACE ALL IRRIGATION MAINLINES UNDER WORKING PRESSURE FOR TWO HOURS. REPAIR OR REPLACE ALL DEFECTIVE ELEMENTS AND REPEAT TEST UNTIL ALL LEAKS STOP.
- THE CONTRACTOR SHALL KEEP THE PREMISES CLEAN AND FREE OF EXCESS EQUIPMENT, MATERIALS AND RUBBISH INCIDENTAL TO WORK OF THIS SECTION.
- THE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM FOR THE DURATION OF THE MAINTENANCE PERIOD OF 60 DAYS FOR PLANTS AND 90 DAYS FOR TURF GRASS

- (SOD & SEED). WATER, MOW, AND WEED THE SITE AS NECESSARY FOR THE HEALTH OF THE INSTALLED LANDSCAPE.
- FINAL INSPECTION AT THE END OF WORK SHALL BE MADE WITH THE OWNER'S REPRESENTATIVE AND IRRIGATION CONTRACTOR. A COVERAGE TEST WILL BE DONE, AND THE SYSTEM INSTALLATION INSPECTED AND A PUNCH LIST OF FINAL ITEMS NEEDING COMPLETION MADE. A LETTER OF ACCEPTANCE SHALL BE GIVEN BY THE OWNER TO THE CONTRACTOR AT THE COMPLETION OF THE PUNCH LIST AND THE DELIVERY OF AS-BUILT IRRIGATION PLANS.
 - GUARANTEE: ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM DATE OF OWNER'S ACCEPTANCE. GUARANTEE SHALL ALSO COVER REPAIR FOR DAMAGE TO ANY PART OF THE PREMISES RESULTING FROM LEAKS OR OTHER DEFECTS IN MATERIAL, EQUIPMENT OR WORKMANSHIP, TO THE SATISFACTION OF THE OWNER. REPAIRS, IF REQUIRED, SHALL BE DONE PROMPTLY AND AT NO COST TO THE OWNER.
 - QUANTITIES PROVIDED ARE FOR CONVENIENCE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE A FULLY FUNCTIONAL SYSTEM WITH HEAD TO HEAD COVERAGE AND WATER TO EACH PLANT IN ALL PLANTER BEDS.
 - PROVIDE FINAL THIRD PARTY CONSULTATION AND STARTUP BY SPRINKLER SUPPLY. COORDINATE WITH BRADY PITCHER, bpitcher@sprinklersupplyco.com, 801.566.8102
 - SET UP WEATHERTRAK MOBILE
 - SET UP SITE AND CONTROLLERS AND ACTIVATE SYSTEM.
 - LINK VALVES AND STATION LOCATIONS WITH CORRECT STATION NAMES.
 - DEVELOP MOBILE SITE MAPPING AND GEOLOCATE ALL ASSETS LISTED BELOW. PROVIDE PHOTOS OF ASSETS AND LINK TO SYSTEM.
 - DEFINE THE FOLLOWING SITE MAP ASSETS AT A MINIMUM AND INCLUDE NAME, IDENTIFIER AND DESCRIPTION:
 - STATION VALVE, ISOLATION VALVE, HOSE BIB, VALVE BOX, SPLICE BOX, CONTROLLER, BATTERY OPERATED VALVE, AIR RELIEF VALVE, STATION LOCATION, SURGE PROTECTOR, MASTER VALVE, PUMP, FLOW SENSOR, POINT OF CONNECTION, QUICK COUPLER
 - INCLUDE ASSET DETAILED INFORMATION TO INCLUDE AT A MINIMUM:
 - MANUFACTURER, MODEL, SIZE, DATE MAPPED FOR EXISTING OR DATE INSTALLED FOR NEW.
 - INCLUDE LATITUDE AND LONGITUDE LOCATIONS WITH A LOCATION DESCRIPTION.
 - UPLOAD A MINIMUM OF TWO QUALITY PHOTOS OF EACH ASSET WITH SUFFICIENT INFORMATION FOR OWNER TO TELL LOCATION AND GENERAL VISUAL OF ASSET.



OVERALL IRRIGATION PLAN
 PROJECT LIBBIE SPRINGS PARK
 CLIENT HYRUM CITY
 ADDRESS 20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS		
NO.	DATE	DESCRIPTION

DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

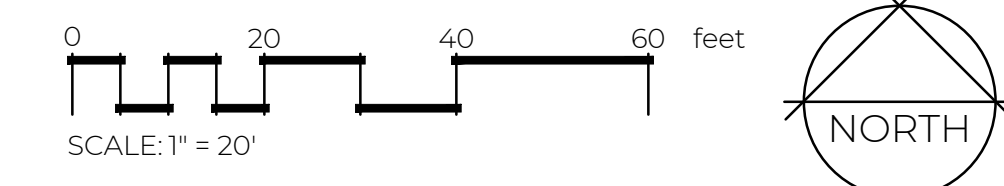
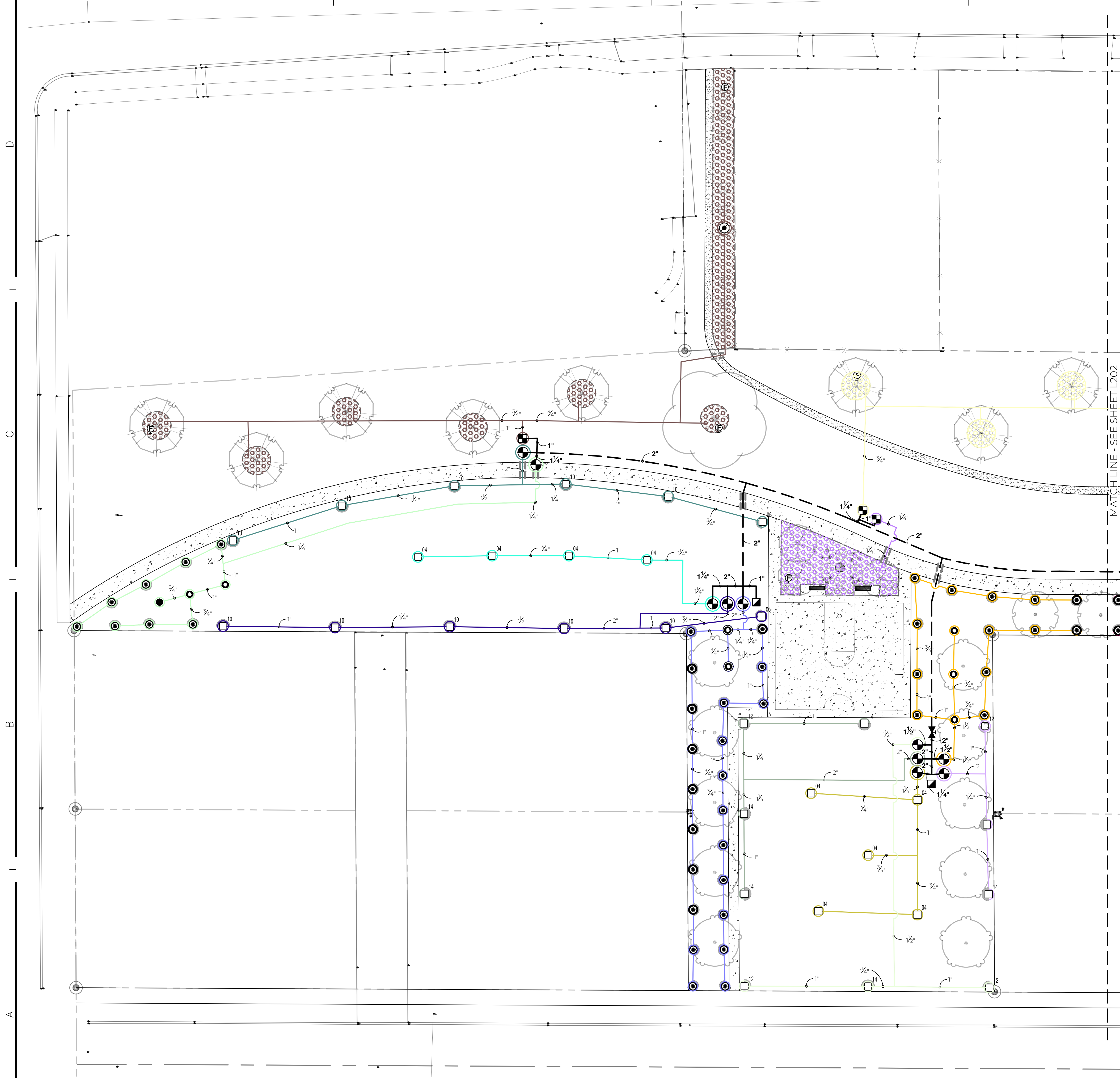
SHEET
L200



ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.

IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	P&I
	Rain Bird R-VAN18 1806-SAM-P45 Turf Rotary, 13" -18" 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	2	35
	Rain Bird R-VAN24 1806-SAM-P45 Turf Rotary, 17" -24" 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	75	35
	Rain Bird 6504-PC, FC (2) 04 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	11	40
	Rain Bird 6504-PC, FC (2) 06 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	2	40
	Rain Bird 6504-PC, FC (2) 08 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	1	40
	Rain Bird 6504-PC, FC (2) 10 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	10	40
	Rain Bird 6504-PC, FC (2) 12 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	29	40
	Rain Bird 6504-PC, FC (2) 14 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	6	40
	Rain Bird X CZ-100-PRB-COM 1" Wide Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3 GPM-20 GPM	7	
	Pipe Transition Point above grade Pipe transition point from PVC lateral to drip tubing with riser to above grade installation.	5	
	Flush Valve	12	
	Area to Receive Drip Emitters	11,163 sf	
	GPH Irrigation GPCB		
	Pressure compensating full-circle bubbler in Standard Color. 0.25 GPM, 0.5 GPM, 1.0 GPM, Adjustable to 2.0 GPM.		
	025 emitters (2 assigned to each 1 gal plant)		
	025 emitters (2 assigned to each 5 gal plant)		
	025 emitters (2 assigned to each 2" Cal. plant)	90	
	025 emitters (2 assigned to each 8" Ht. plant)		
	025 emitters (2 assigned to each B & B, 2.5" plant)		
	025 emitters (2 assigned to each B & B, 5" Height, Mountain plant)		
	025 emitters (3 assigned to each Existing plant)		
	Rain Bird PESB 1" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	1	
	Rain Bird PESB 1-1/2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	6	
	Rain Bird PESB 2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	12	
	Rain Bird 44-RC 1" 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	3	
	Landscape Products Inc. BBV 1in. Full Port Brass Ball Valve. Suitable for a full range of liquids and gases in residential and commercial applications.	1	
	Leemco LBT-BB 2in. (FPT X FPT) Brass Ball Valve.	2	
	Rain Bird PESB-PRS-D-A 2" 1in, 1-1/2in, 2in, 3in. Plastic Industrial Master Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulating Module, and Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	1	
	Watts LF909M1 2" Lead Free Reduced Pressure Backflow Preventer.	1	
	Hydro Point WTFLOWHD-1-200 2" Iron, high-definition flow sensor and sub-meter for 2in. mainlines.	1	
	Amiad 2-OL-MSIG- Steel Screen 200mm Amiad 2in. Mini Sigma, On-Line Self-Cleaning Filter, BSPT or NPT inlet-outlet. Stainless Steel Weavewire Screen Element. ADI-P Bluetooth Range Controller. Maximum working pressure 116psi.	1	



MATCHLINE - SEE SHEET L202



TITLE	PLANTING PLAN
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

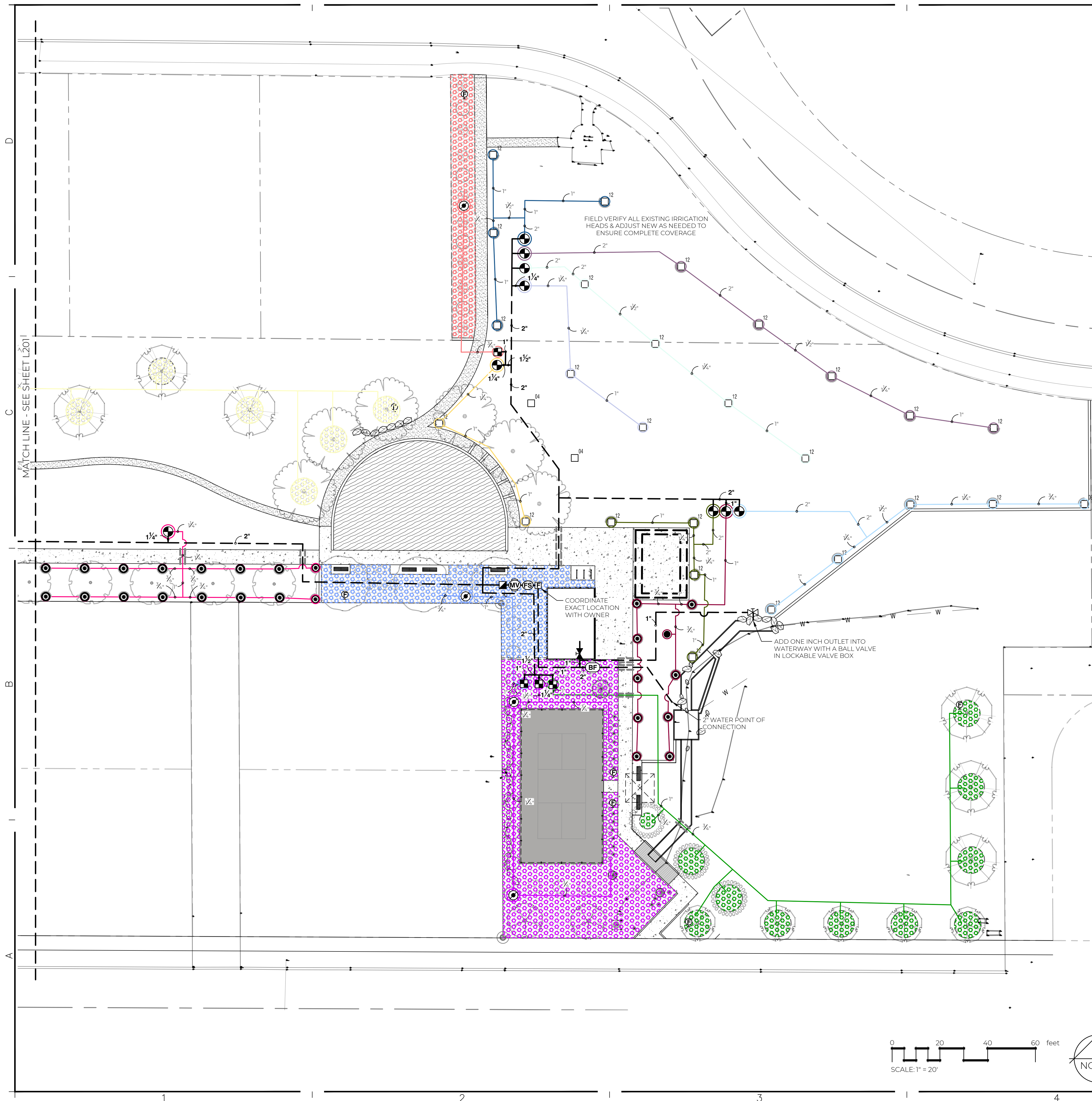
NO.	DATE	DESCRIPTION

DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

SHEET
L101



ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	GPM
	Rain Bird R-VAN18 1806-SAM-P45 Turf Rotary, 13' -18' 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	2	35	
	Rain Bird R-VAN24 1806-SAM-P45 Turf Rotary, 17' -24' 45-270 degrees and 360 degrees. Hand Adjustable Multi-Stream Rotary w/1800 turf spray body on 6" pop-up, with check valve and 45 psi in-stem pressure regulator. 1/2" NPT Female Threaded Inlet.	75	35	
	Rain Bird 6504-PC, FC (2) 04 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	11	40	3.3
	Rain Bird 6504-PC, FC (2) 06 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	2	40	4.9
	Rain Bird 6504-PC, FC (2) 08 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	1	40	6.6
	Rain Bird 6504-PC, FC (2) 10 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	10	40	8.1
	Rain Bird 6504-PC, FC (2) 12 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	29	40	9.7
	Rain Bird 6504-PC, FC (2) 14 Turf Rotor, 4.0in. Pop-Up, Plastic Riser, Adjustable and Full Circle. With Removable Seal-A-Matic Check Valve, 1in. Female Threaded Inlet.	6	40	11.3
	Rain Bird XEZ-100-PRB-COM 1" Wide Flow Drip Control Kit for Commercial Applications. 1" Ball Valve with 1" PESB Valve and 1" Pressure Regulating 40psi Quick-Check Basket Filter. 0.3 GPM-20 GPM	7		
	Pipe Transition Point above grade Pipe transition point from PVC lateral to drip tubing with riser to above grade installation.	5		
	Flush Valve	12		
	Area to Receive Drip Emitters GPH Irrigation GPCB Pressure compensating full-circle bubbler in Standard Color. 0.25 GPM, 0.5 GPM, 1.0 GPM, Adjustable to 2.0 GPM. 0.25 emitters (2 assigned to each 1 gal plant) 0.25 emitters (2 assigned to each 5 gal plant) 0.25 emitters (2 assigned to each 2" Cal. plant) 0.25 emitters (2 assigned to each 8" Ht. plant) 0.25 emitters (2 assigned to each B & B, 2.5" plant) 0.25 emitters (2 assigned to each B & B, 5' Height, Mountain plant) 0.25 emitters (3 assigned to each Existing plant)	11,163 sf		
	Rain Bird PESB 1" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	1		
	Rain Bird PESB 1-1/2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	6		
	Rain Bird PESB 2" 1", 1-1/2", 2" Plastic Industrial Valves. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	12		
	Rain Bird 44-RC 1" 1" Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Thermoplastic Rubber Cover, and 2-Piece Body.	3		
	Landscape Products Inc. BBV 1in. Full Port Brass Ball Valve. Suitable for a full range of liquids and gases in residential and commercial applications.	1		
	Leemco LBT-BB 2in. (FPT X FPT) Brass Ball Valve.	2		
	Rain Bird PESB-PRS-D-A 2" 1in., 1-1/2in., 2in., 3in. Plastic Industrial Master Valves. Low Flow Operating Capability, Globe Configuration. With Pressure Regulating Module, and Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	1		
	Watts LF909M1 2" Lead Free Reduced Pressure Backflow Preventer.	1		
	Hydro Point WTFLOWHD-1-200 2" Iron, high-definition flow sensor and sub-meter for 2in.	1		



TITLE	IRRIGATION PLAN
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

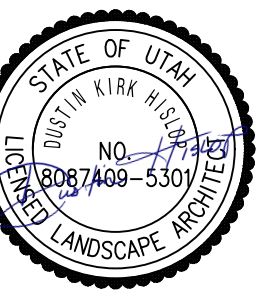
REVISIONS		
NO.	DATE	DESCRIPTION

DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

SHEET
L202

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.





CONCEPTUAL GRAPHICS

PROJECT: LIBBIE SPRINGS PARK
 CLIENT: HYRUM CITY
 ADDRESS: 20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS		
NO.	DATE	DESCRIPTION



DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

SHEET
L300

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONJUNCTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.



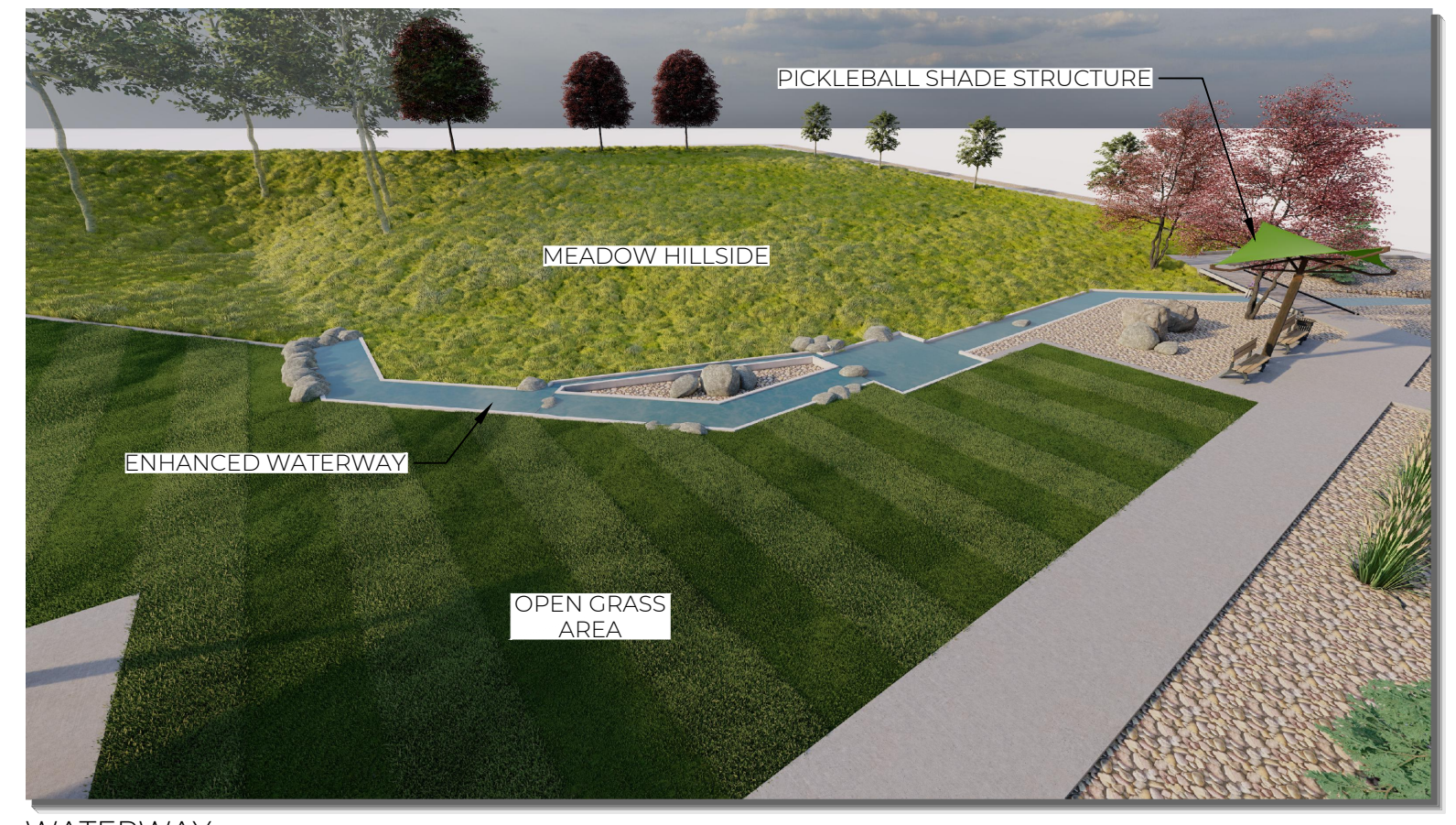
EAST PARK



NATIVE GRASS HILLSIDE



RAMP



WATERWAY



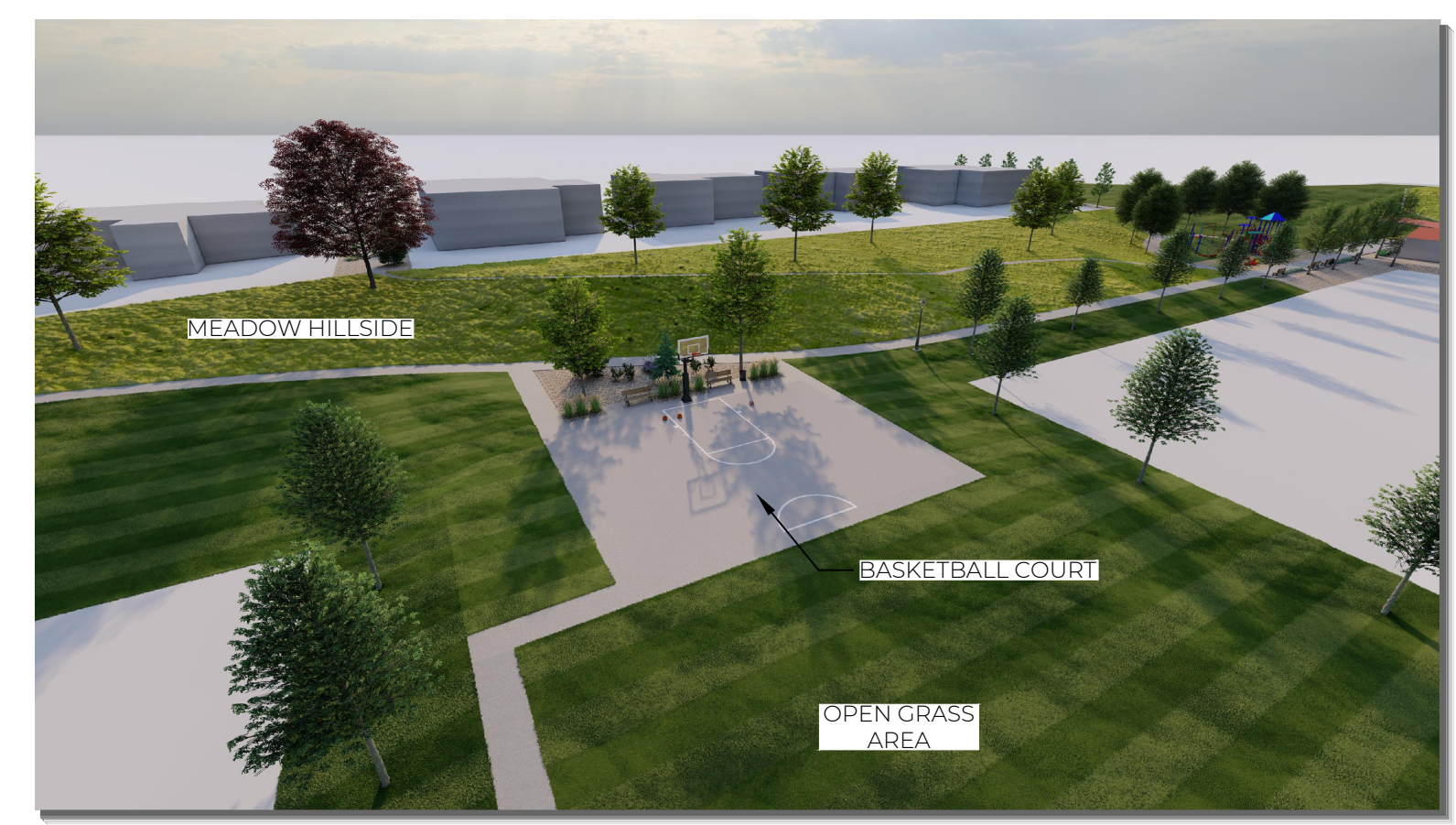
RESTROOM & PAVILION



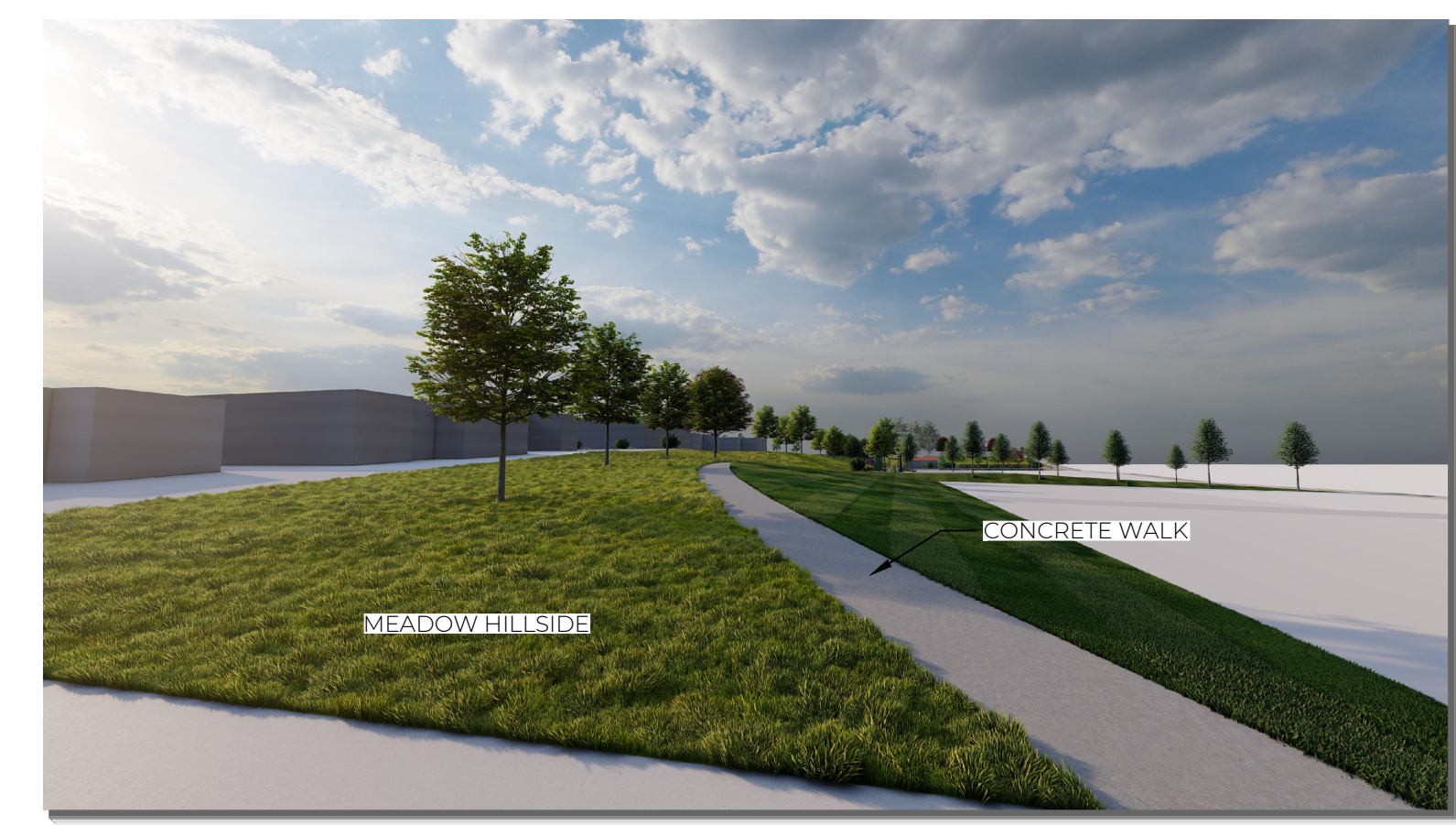
PICKLEBALL



PLAYGROUND



BASKETBALL



WEST

A B C D

1 2 3 4 5

PLANTING DETAILS

PROJECT LIBBIE SPRINGS PARK
CLIENT HYRUM CITY

ADDRESS 20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS

NO.	DATE	DESCRIPTION

DATE: 02-04-2025
JOB NUMBER: 80015
CHECKED BY: HISLOP

SHEET
L500

1 TREE WITH BERM - HYRUM CITY
NTS

- 1. BOTTOM OF ROOT BALL TO REST ON EXISTING OR RECOMPACTED SOIL.
- 2. REMOVE CONTAINERS, WIRE, BASKETS, ETC. PRIOR TO PLANTING. COMPLETELY REMOVE TWINE AND BURLAP FROM B&B STOCK.
- 3. FINISHED GRADE.
- 4. ROUND TOP SOIL BERM 4" HIGH X 8" WIDE SURROUNDING PERIPHERY OF ROOT BALL.
- 5. TRUNK CALIPER SHALL MEET ANSI Z60 CURRENT EDITION FOR ROOT BALL SIZE. TREE SHALL BE 2" MIN. CALIPER, MEASURED 20" ABOVE GROUND LEVEL.
- 6. ROOT BALL, MODIFIED AS REQUIRED.
- 7. CENTRAL LEADER.
- 8. TOP OF ROOT BALL SHALL BE AT GRADE. ROOT COLLAR SHALL NOT BE 2" ABOVE FINISHED GRADE. ANY TREE PLANTED TOO DEEP WILL NOT BE ACCEPTED.
- 9. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND ROOT BALL. NO NOT OVER COMPACT. POUR WATER AROUND ROOTBALL TO SETTLE BACKFILL.
- 10. 4" MULCH LAYER. NO MORE THAN 1" MULCH TO COVER ROOT BALL.
- 11. DIG AND TURN SOIL TO REDUCE COMPACTION TO THE AREA AND DEPTH SHOWN. SLOPE SIDES.
- 12. EXISTING SOIL.

NOTES:

1. THE SPACING & SPECIES OF TREES SHALL CONFORM TO THE REQUIREMENTS OF THE PLANNING COMMISSION. ANY SUBSTITUTIONS MUST BE APPROVED BY LEHI CITY.
2. TREES SHOULD BE SELECTED BASED ON THE AREA'S SOIL AND CLIMATE.
3. TREES SHALL BE KEPT:
 - 3.1. OUTSIDE OF THE INTERSECTION SIGHT OF TRIANGLES AS DEFINED WITHIN SECTION 12 OF THE DEVELOPMENT CODE.
 - 3.2. NOT LESS THAN 20' FROM LAMP STANDARDS AND POWER POLES.
 - 3.3. NOT LESS THAN 10' FROM FIRE HYDRANTS.
 - 3.4. NOT LESS THAN 5' FROM SERVICE WALKS & DRIVEWAYS.
 - 3.5. NOT LESS THAN 5' FROM WATER METERS.
4. THE DEVELOPER SHALL PAY THE INSTALLATION COST OF PARKWAY TREES. PARKWAY TREES SHALL BE INSTALLED ON ALL STREETS IN CONFORMANCE TO THE STANDARD DETAILS, AS REQUIRED BY PLANNING AND ZONING.

3X ROOT BALL DIAMETER

P-PA-HYRI-10

2 SHRUB - HYRUM CITY
NTS

- 1. DIG & TURN SOIL TO REDUCE COMPACTION TO THE AREA & DEPTH SHOWN. SLOPE SIDES.
- 2. 4" LAYER OF MULCH. NO MORE THAN 1" MULCH TO COVER ROOT BALL.
- 3. ROOTBALL.
- 4. SHRUB.
- 5. ROUND-TOPPED SOIL BERM 4" HIGH X 8" WIDE SURROUNDING THE PERIPHERY OF THE ROOT BALL.
- 6. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL TO BRACE SHRUB. DO NOT OVER COMPACT. POUR WATER AROUND THE ROOTBALL TO SETTLE BACKFILL.
- 7. FINISHED GRADE.
- 8. EXISTING SOIL.
- 9. BOTTOM OF ROOTBALL TO REST ON EXISTING OR RECOMPACTED SOIL.

NOTES:

1. TREES TO BE INSPECTED BY HYRUM CITY AT DELIVERY AND/OR PRIOR TO PLANTING TO ENSURE QUALITY AND SIZE.
2. TREES TO BE INSPECTED DURING PLANTING BY HYRUM CITY TO ENSURE PROPER INSTALLATION.
3. TREES MAY BE ACCEPTED AFTER 30 DAYS MAINTENANCE TIME FROM INSPECTION, PROVIDED IT IS WEED FREE & OF NORMAL, ACCEPTABLE GROWTH FOR THE TIME OF YEAR.
4. PLANT TREE TO ITS NORMAL DEPTH & PUDDLE WITH A RUNNING STREAM OF WATER FROM A HOSE. PREPARE PLANTING HOLE & STAKE TREE AS REQUIRED BY CITY REPRESENTATIVE.

3X ROOT BALL DIAMETER MINIMUM

P-PA-HYRI-12

3 TREE ON 5% SLOPE - HYRUM CITY
NTS

- 1. BOTTOM OF ROOT BALL TO REST ON EXISTING OR RECOMPACTED SOIL.
- 2. REMOVE CONTAINERS, WIRE, BASKETS, ETC. PRIOR TO PLANTING. COMPLETELY REMOVE TWINE AND BURLAP FROM B&B STOCK.
- 3. FINISHED GRADE.
- 4. ROUND TOP SOIL BERM 4" HIGH X 8" WIDE SURROUNDING PERIPHERY OF ROOT BALL.
- 5. TRUNK CALIPER SHALL MEET ANSI Z60 CURRENT EDITION FOR ROOT BALL SIZE. TREE SHALL BE 2" MIN. CALIPER, MEASURED 20" ABOVE GROUND LEVEL.
- 6. ROOT BALL, MODIFIED AS REQUIRED.
- 7. CENTRAL LEADER.
- 8. TOP OF ROOT BALL SHALL BE AT GRADE. ROOT COLLAR SHALL NOT BE 2" ABOVE FINISHED GRADE. ANY TREE PLANTED TOO DEEP WILL NOT BE ACCEPTED.
- 9. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND ROOT BALL. NO NOT OVER COMPACT. POUR WATER AROUND ROOTBALL TO SETTLE BACKFILL.
- 10. 4" MULCH LAYER. NO MORE THAN 1" MULCH TO COVER ROOT BALL.
- 11. DIG AND TURN SOIL TO REDUCE COMPACTION TO THE AREA AND DEPTH SHOWN. SLOPE SIDES.
- 12. EXISTING SOIL.

NOTES:

1. THE SPACING & SPECIES OF TREES SHALL CONFORM TO THE REQUIREMENTS OF THE PLANNING COMMISSION. ANY SUBSTITUTIONS MUST BE APPROVED BY LEHI CITY.
2. TREES SHOULD BE SELECTED BASED ON THE AREA'S SOIL AND CLIMATE.
3. TREES SHALL BE KEPT:
 - 3.1. OUTSIDE OF THE INTERSECTION SIGHT OF TRIANGLES AS DEFINED WITHIN SECTION 12 OF THE DEVELOPMENT CODE.
 - 3.2. NOT LESS THAN 20' FROM LAMP STANDARDS AND POWER POLES.
 - 3.3. NOT LESS THAN 10' FROM FIRE HYDRANTS.
 - 3.4. NOT LESS THAN 5' FROM SERVICE WALKS & DRIVEWAYS.
 - 3.5. NOT LESS THAN 5' FROM WATER METERS.
4. THE DEVELOPER SHALL PAY THE INSTALLATION COST OF PARKWAY TREES. PARKWAY TREES SHALL BE

3X ROOT BALL DIAMETER

P-PA-HYRI-11

4 SHRUB ON SLOPE - HYRUM CITY
NTS

- 1. DIG & TURN SOIL TO REDUCE COMPACTION TO THE AREA & DEPTH SHOWN. SLOPE SIDES.
- 2. 4" LAYER OF MULCH. NO MORE THAN 1" MULCH TO COVER ROOT BALL.
- 3. ROOTBALL.
- 4. SHRUB.
- 5. ROUND-TOPPED SOIL BERM 4" HIGH X 8" WIDE SURROUNDING THE PERIPHERY OF THE ROOT BALL.
- 6. PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL TO BRACE SHRUB. DO NOT OVER COMPACT. POUR WATER AROUND THE ROOTBALL TO SETTLE BACKFILL.
- 7. FINISHED GRADE.
- 8. EXISTING SOIL.
- 9. BOTTOM OF ROOTBALL TO REST ON EXISTING OR RECOMPACTED SOIL.

NOTES:

1. THIS DETAIL TO BE USED FOR SHRUBS PLANTED ON A SLOPE BETWEEN 5% (20:1) AND 50% (2:1).
2. ALL SHRUBS SHALL BE A MINIMUM 5 GALLON SIZE UNLESS WRITTEN APPROVAL IS OBTAINED & VARIETY, SIZE, & SPACING IS STATED.
3. ALL CONTAINERS, WIRE BASKETS, ETC. SHALL BE REMOVED FROM SHRUBS PRIOR TO PLANTING. ALL B&B STOCK SHALL HAVE THE BAILING TWINE AND BURLAP REMOVED.
4. ANY SHRUBS PLANTED TOO DEEP WILL NOT BE ACCEPTED. ROOT BALL SHALL BE LEVEL WITH FINISHED GRADE. ROOT COLLAR SHALL BE 2" ABOVE FINISHED GRADE.
5. SHRUBS SHOULD BE SELECTED BASED ON THE AREA'S SOIL & CLIMATE.
6. SHRUBS MAY BE ACCEPTED AFTER 30 DAYS MAINTENANCE TIME FROM INSPECTION, PROVIDED IT IS WEED FREE & OF NORMAL, ACCEPTABLE GROWTH FOR THE TIME OF YEAR.
7. PLANT SHRUB TO ITS NORMAL DEPTH & PUDDLE WITH A RUNNING STREAM OF WATER FROM A HOSE.

3X ROOT BALL DIAMETER MINIMUM

P-PA-HYRI-13

5 SOD & SEED LAWN - HYRUM CITY
NTS

- 1. INSTALL SOD OR SEED BED 1" BELOW TOP OF ADJACENT CONCRETE SITE ELEMENT, AS SHOWN.
- 2. SOD WITH TIGHT, BEVELED JOINTS.
- 3. GRASS SEED BED.
- 4. AMEND SOIL AS REQUIRED BY TOPSOIL TEST REPORT.
- 5. MOW/STRIP, CURB, OR SIDEWALK.

NOTES:

1. SOD MAY BE ACCEPTED 30 DAYS AFTER INSPECTION & AFTER MIN. FOUR CUTTINGS (ONCE EVERY 7 DAYS). IF SOD IMPROVEMENTS ARE NOT ACCEPTED AFTER THIS TIME PERIOD, DEVELOPER SHALL BE REQUIRED TO CONTINUE MAINTENANCE UNTIL ACCEPTED/APPROVED.
2. PREPARE LAWN AREAS AS SPECIFIED UNDER SOIL PREPARATION. SLOPE ALL AREAS TO DRAIN ACCORDING TO THE ARCHITECT'S DRAWINGS & APPROVAL FROM PUBLIC WORKS DEPARTMENT & PARKS DEPARTMENT.
3. RAKE SOD AREAS UNTIL THE SURFACE IS SMOOTH & OF UNIFORM TEXTURE PRIOR TO PLANTING THE TURF.
4. THE FINISHED GRADE OF ALL SOD AREAS SHALL BE BETWEEN 0 & 1/4 INCHES BELOW SIDEWALK OR ADJACENT PAVEMENT AREAS.
5. SOD MUST BE INSTALLED DURING NORMAL GROWING SEASON. IF DORMANT SOD IS INSTALLED, IT WILL NOT BE ACCEPTED UNTIL THE FOLLOWING NORMAL GROWING SEASON.
6. LAY SOD WITH STAGGERED SEAM.
7. AFTER SOD HAS BEEN LAID, IRRIGATE & THEN ROLL SOD WITH WATER ROLLER (50 POUND MIN. WEIGHT) TO LEVEL SOD & INSURE POSITIVE CONTACT WITH SOIL.
8. SELECT GRASS ACCORDING TO INTENDED USE. LOCATION & MAINTENANCE REQUIREMENTS. DROUGHT TOLERANT GRASSES SHOULD BE UTILIZED WITHIN ALL TURF AREAS.
9. REDUCE THE SIZE OF WATER SENSITIVE LAWNS WITH ENLARGED BEDS & HARDSCAPES. ELIMINATE LAWN AREAS THAT ARE DIFFICULT TO IRRIGATE, INCLUDING LONG & NARROW OR SMALL & ODD-SHAPED AREAS.
10. APPLY COMMERCIAL GRADE FERTILIZER AS PER THE FOLLOWING SPECIFICATIONS:
 - 10.1. 46-0-0 WITH DIMENSION COATED NITROGEN (PRE-EMERGENT) FROM JANUARY 1ST TO MAY 31ST AT A RATE OF 2 POUNDS PER 1,000 SQ. FT.
 - 10.2. 25-5-6 FROM JUNE 1ST TO AUGUST 31ST AT A RATE OF 4 POUNDS PER 1,000 SQ. FT.
 - 10.3. 46-0-0 (50% SLOW RELEASE) SULPHUR COATED UREA FROM SEPTEMBER 1ST TO DECEMBER 31ST AT A RATE OF 2 POUNDS PER 1,000 SQ. FT.

P-PA-HYRI-09

6 LANDSCAPE BOULDER
NTS

- 1. MULCH 3" AWAY FROM TRUNK.
- 2. SET TOP OF ROOT BALL 2" ABOVE FINISH GRADE.
- 3. #12 GALVANIZED WIRE W/ TURN BUCKLES.
- 4. BACKFILL WITH NATIVE SOIL OR SPECIFIED TOPSOIL.
- 5. PLANT PIT SHALL BE THREE TIMES AS WIDE AS ROOT BALL.
- 6. 5/8" - 3/4" RUBBER HOSE.
- 7. 3" DEEP MULCH (PER PLAN).
- 8. FINISH GRADE.
- 9. STAKE CUPS WITH 2x2x24" STAKES.
- 10. SOIL BACKFILL SHALL NOT BE ABOVE ROOT COLLAR.
- 11. REMOVE BURLAP FROM THE BALL.

NOTES:

1. STAKE ALL TREES THAT ARE DETERMINED TO REQUIRE A STAKE (CITY DISCRETION) AT THE TIME OF PLANTING.
2. PLACE TWO 1 1/2 INCH - 2 INCH DIAMETER WOOD TREE SYTKATES 1 TO 2 FEET FROM THE CENTER AND DRIVE STAKE 24 INCHES INTO SOLID GROUND. FASTEN THE TREE TO THE UPPER END OF THE STAKE IN AT LEAST TWO LOCATIONS USING .

BOULDER TO BE PLACED WITH 1/3 OF ITS TOTAL HEIGHT BELOW FINISHED GRADE

UNDISTURBED OR COMPACTED SUBGRADE

P-PA-HYRI-08

7 CONIFER PLANTING
3/4" = 1'-0"

- 1. MINIMUM 12" EMBEDMENT BELOW GRADE.
- 2. CLEAN, FREE DRAINING GRANULAR FILL 12" THICK.
- 3. COMPACTED BACKFILL.
- 4. FINISH GRADE, TYP. SEE PLAN.
- 5. COMPACTED NATIVE GRADE BELOW BOULDER WALL.

P-PA-HYRI-50

8 MULCH
1" = 1"

- 1. 3" OF ROCK MULCH - 2"-4" CLEAN ANGULAR ROCK.
- 2. WEED BARRIER FABRIC.
- 3. SUBGRADE - PROVIDE SMOOTH, CONSISTENT SURFACE PRIOR TO PLACING WEED FABRIC.
- 4. ADJACENT HARDSCAPE. SEE PLAN.

NOTES:

1. SEE PLAN FOR MULCH MATERIAL, COLOR & TYPE.
2. SUBMIT 1 GAL. SAMPLES FOR APPROVAL.

P-PA-HYRI-48

9 TREE STAKING - HYRUM CITY
NTS

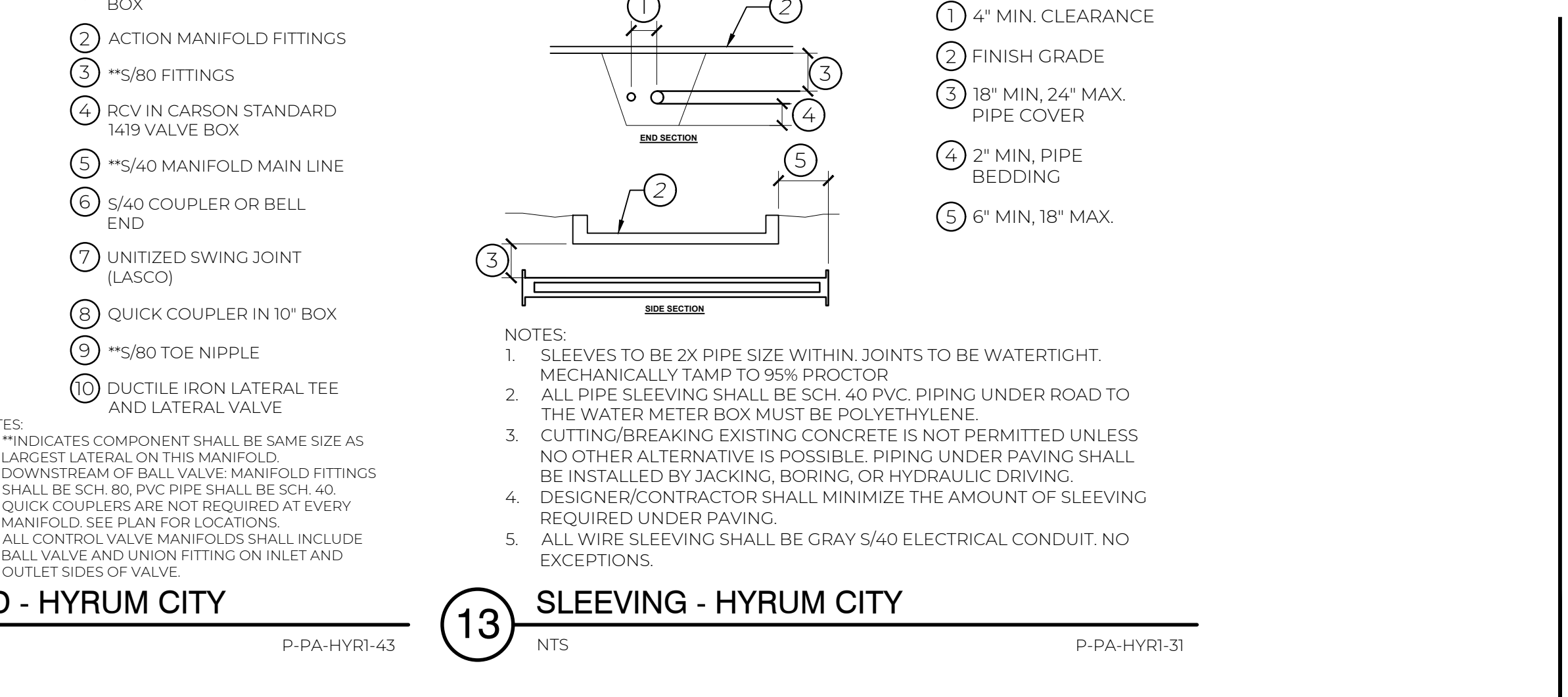
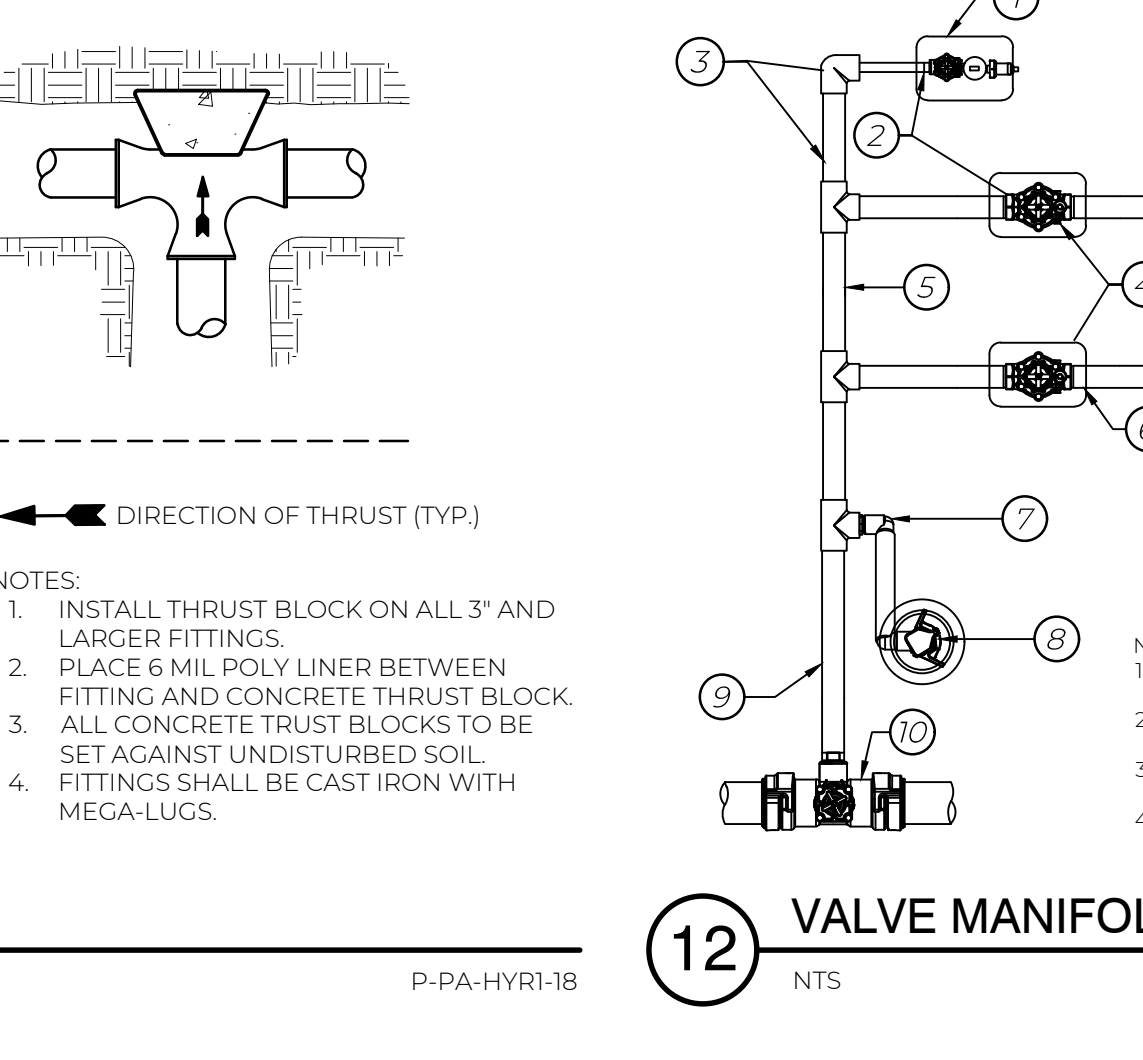
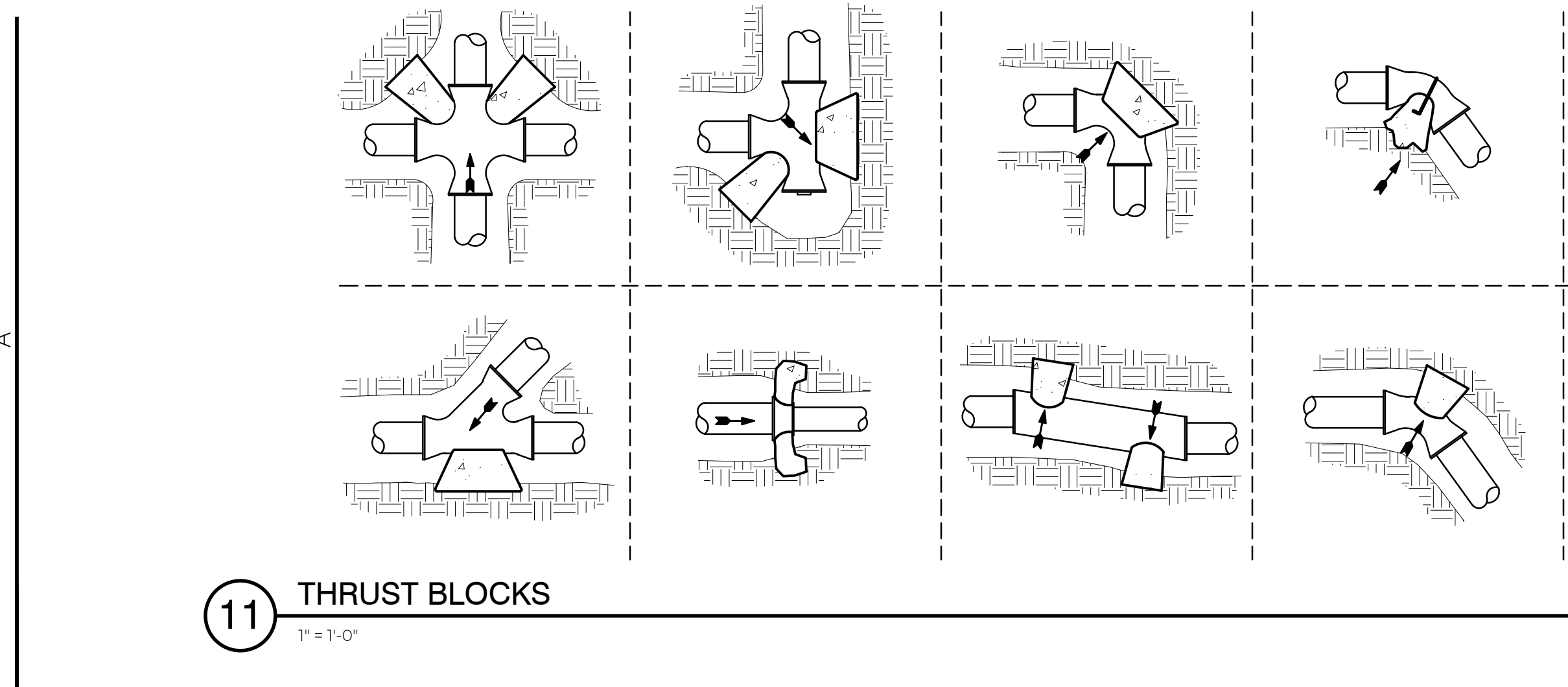
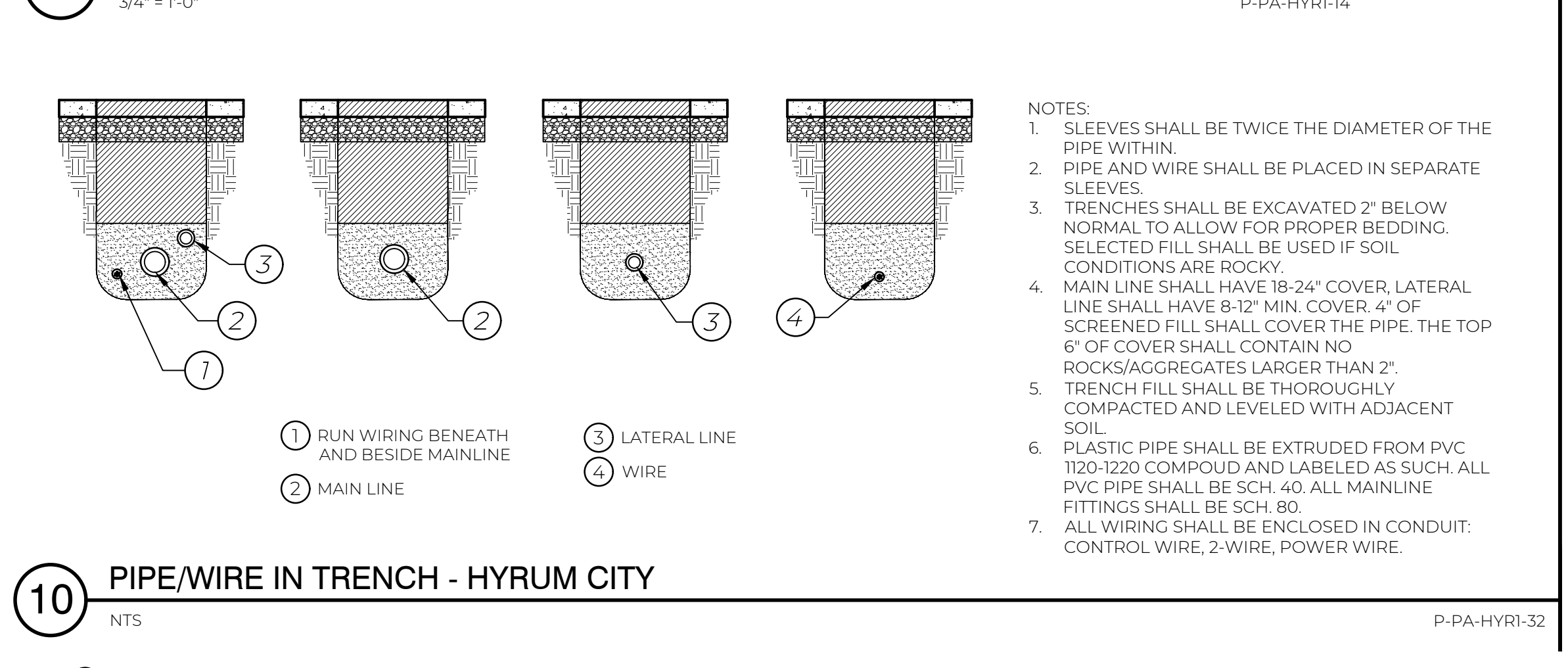
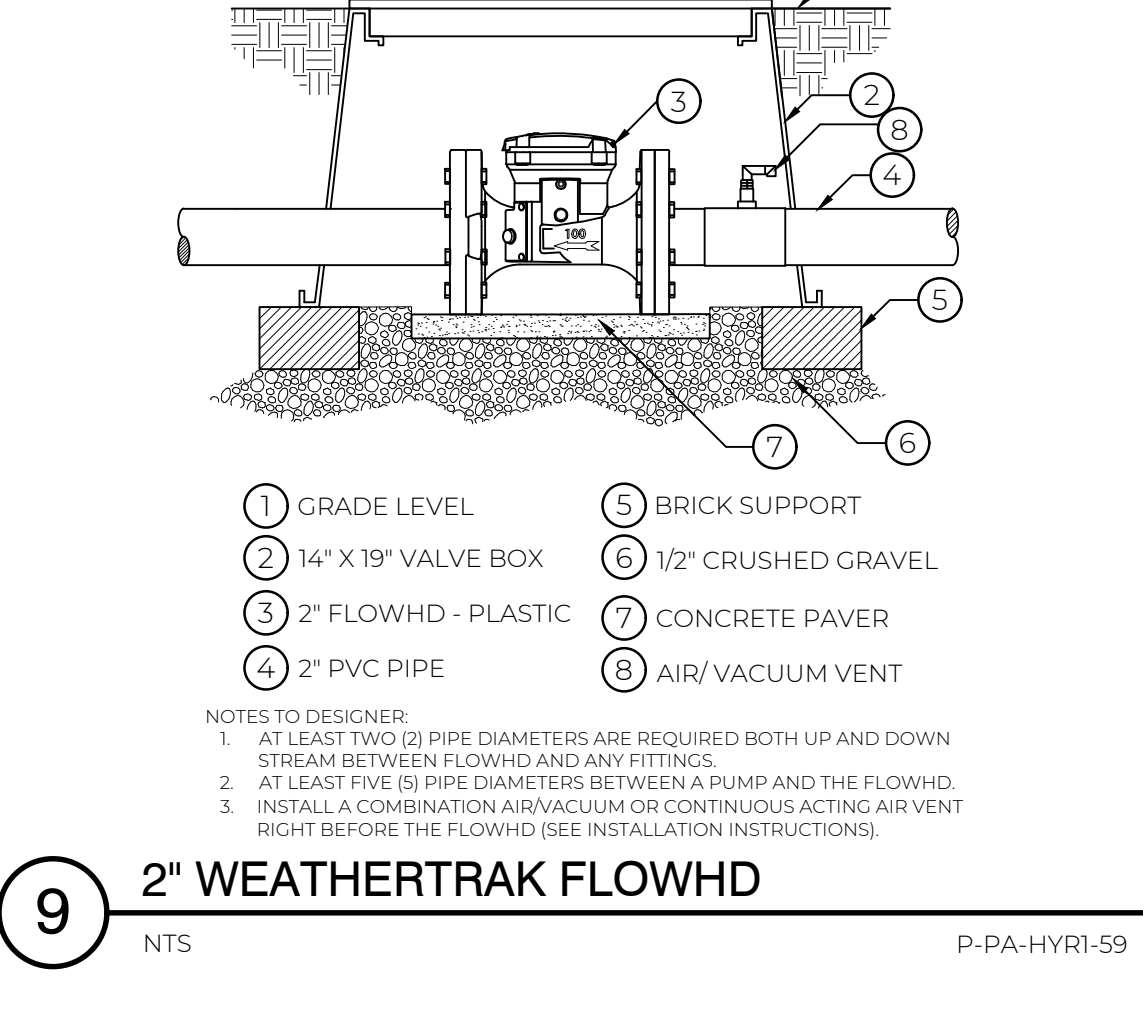
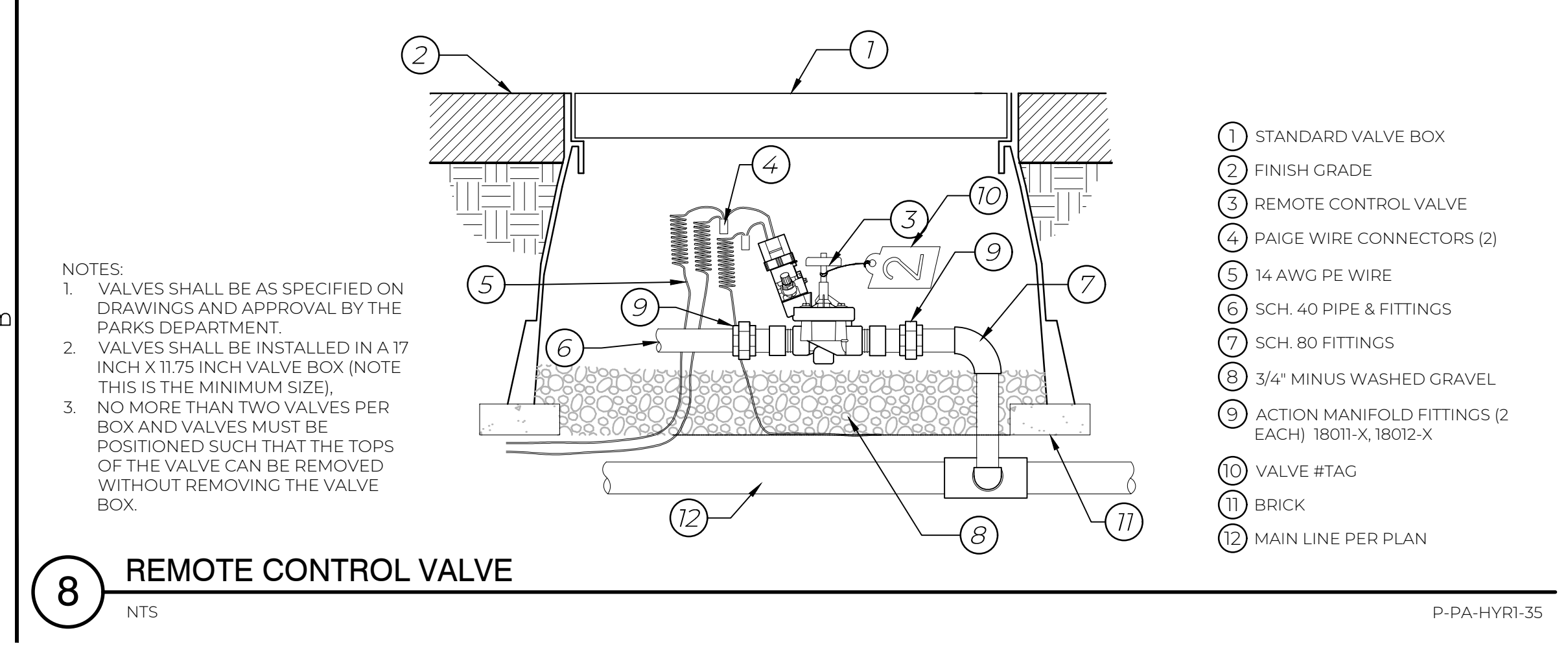
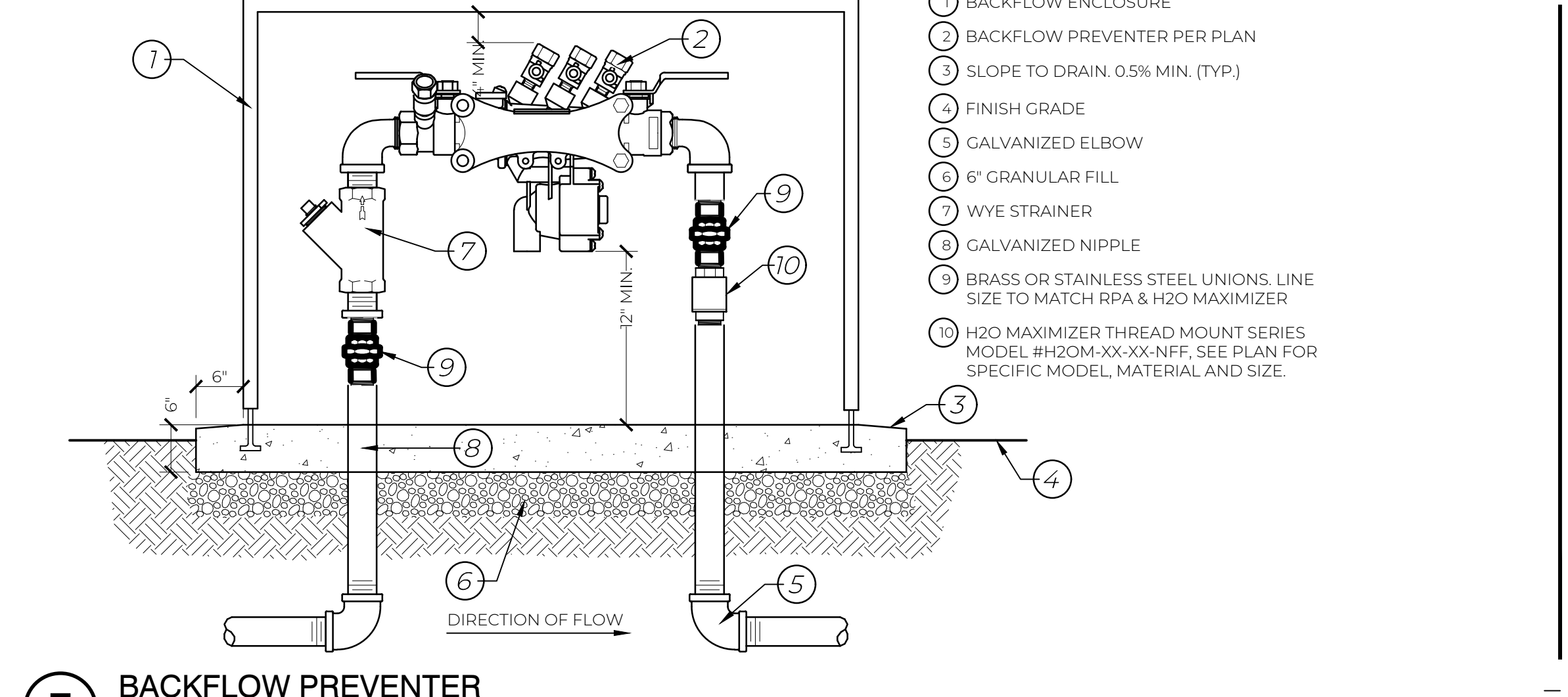
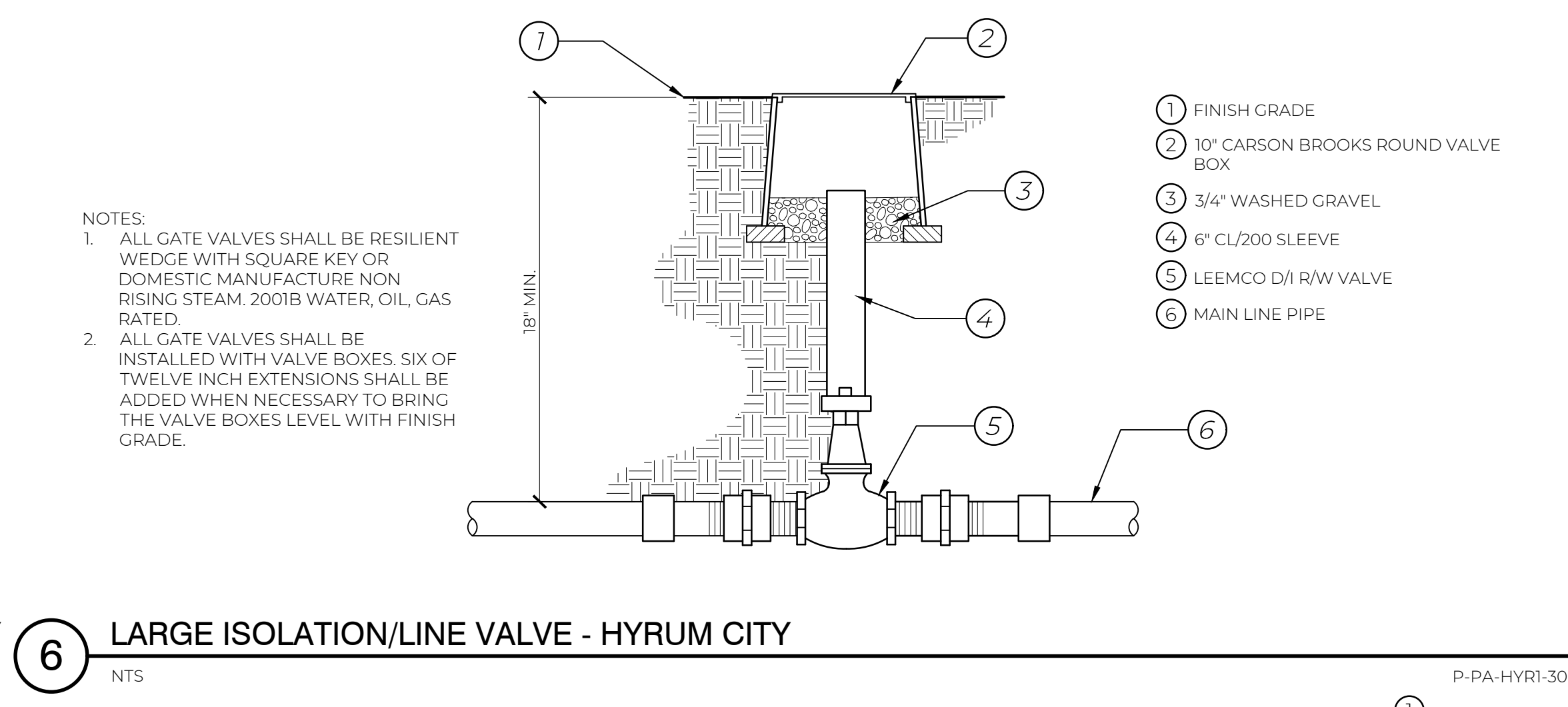
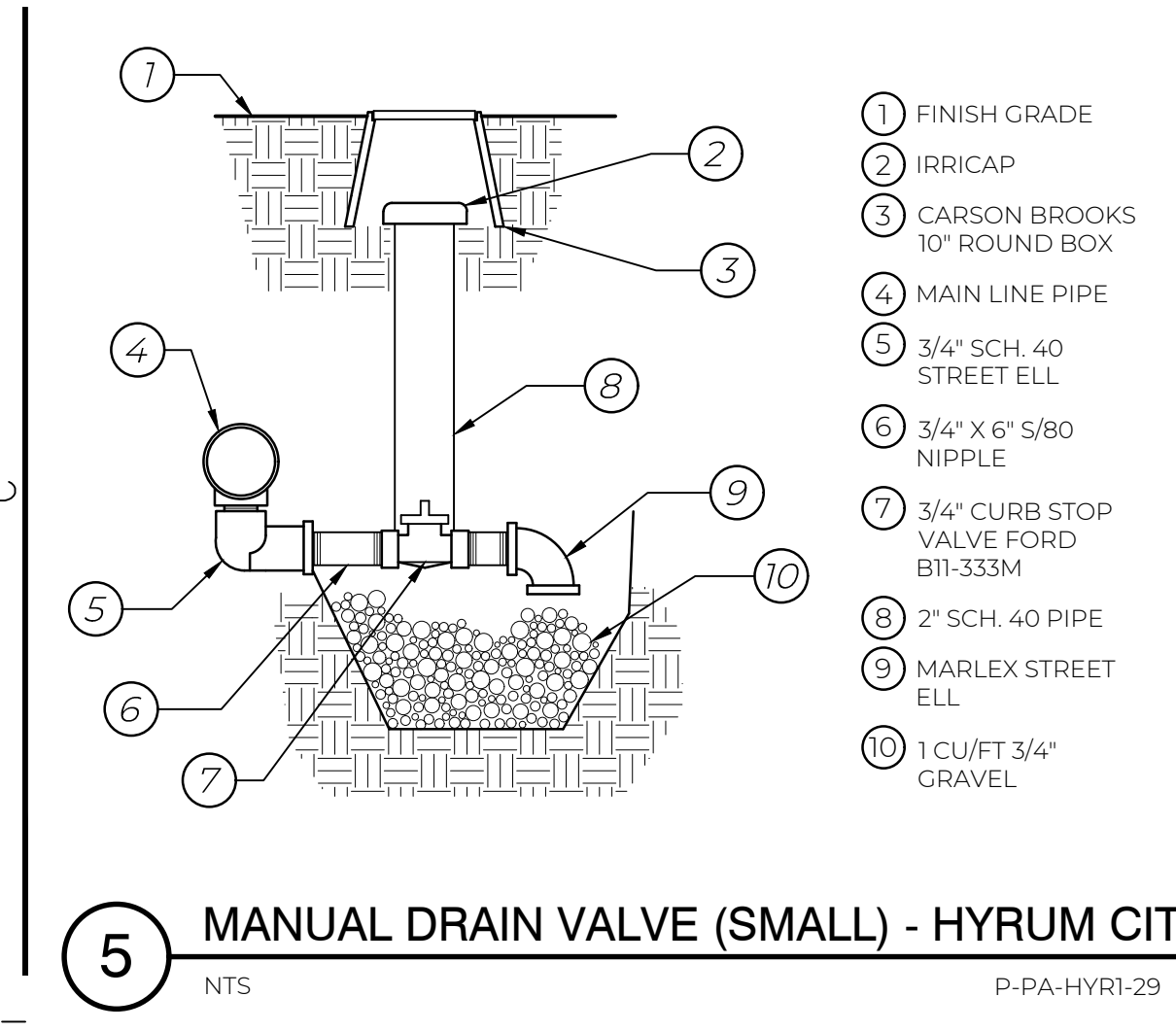
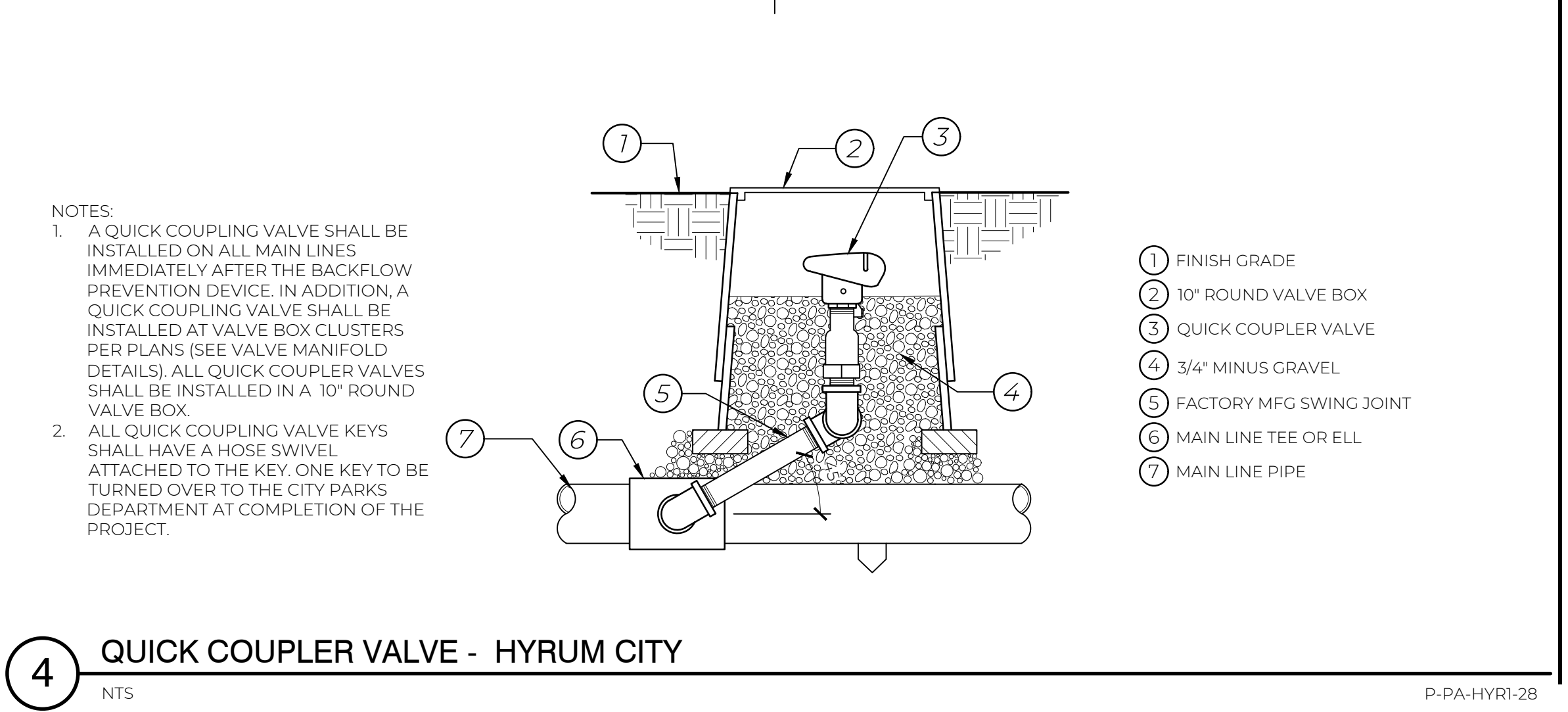
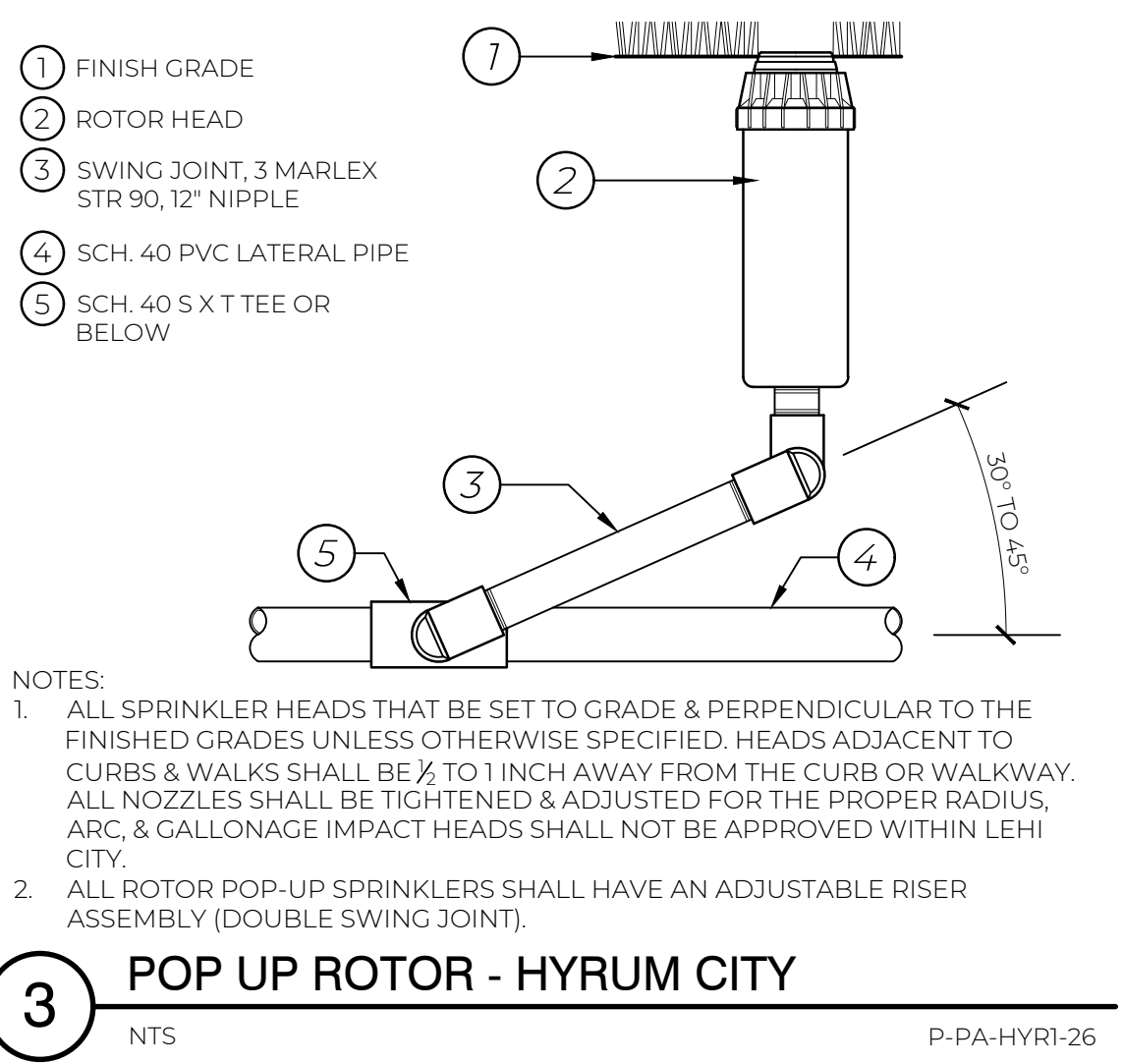
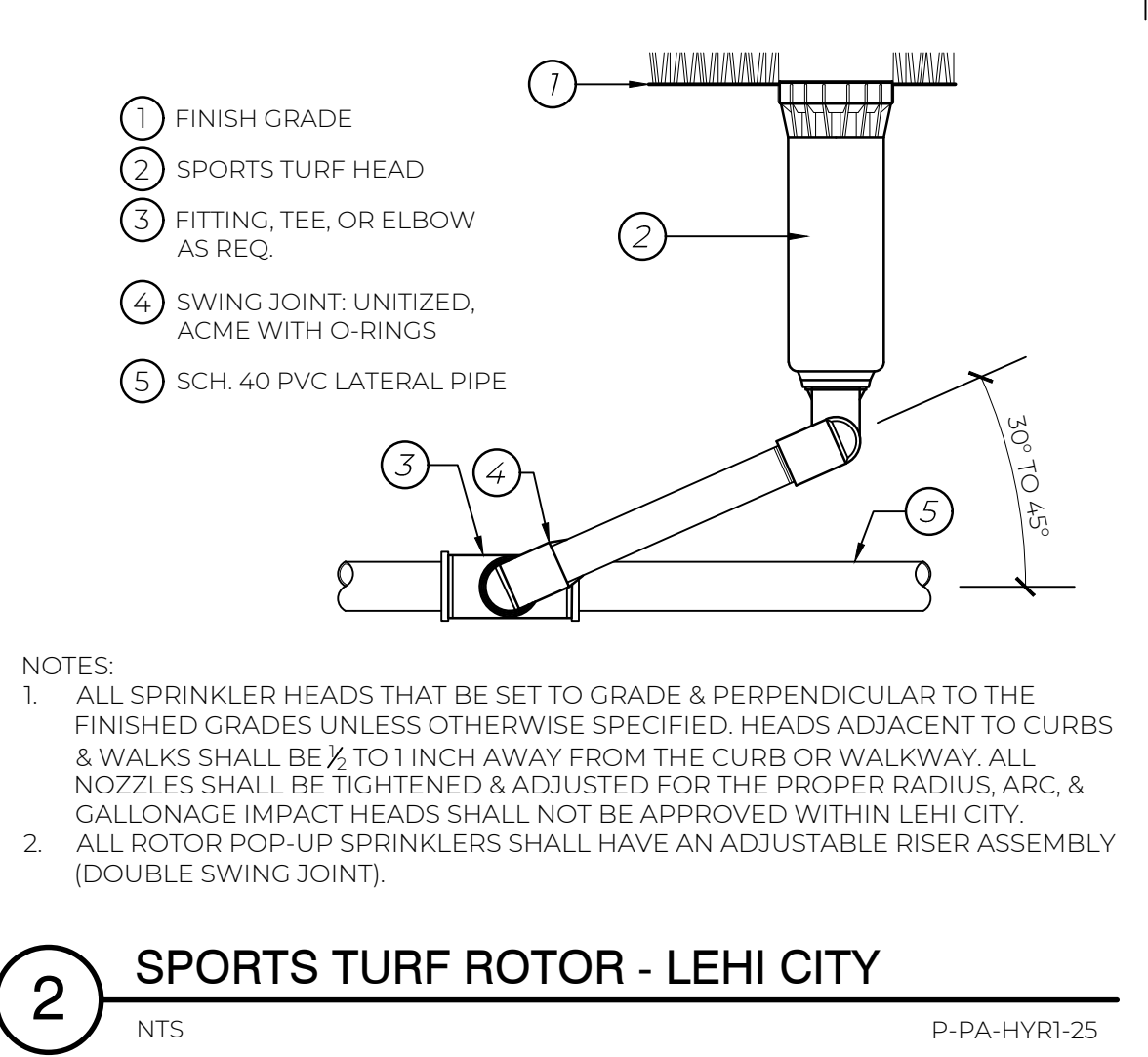
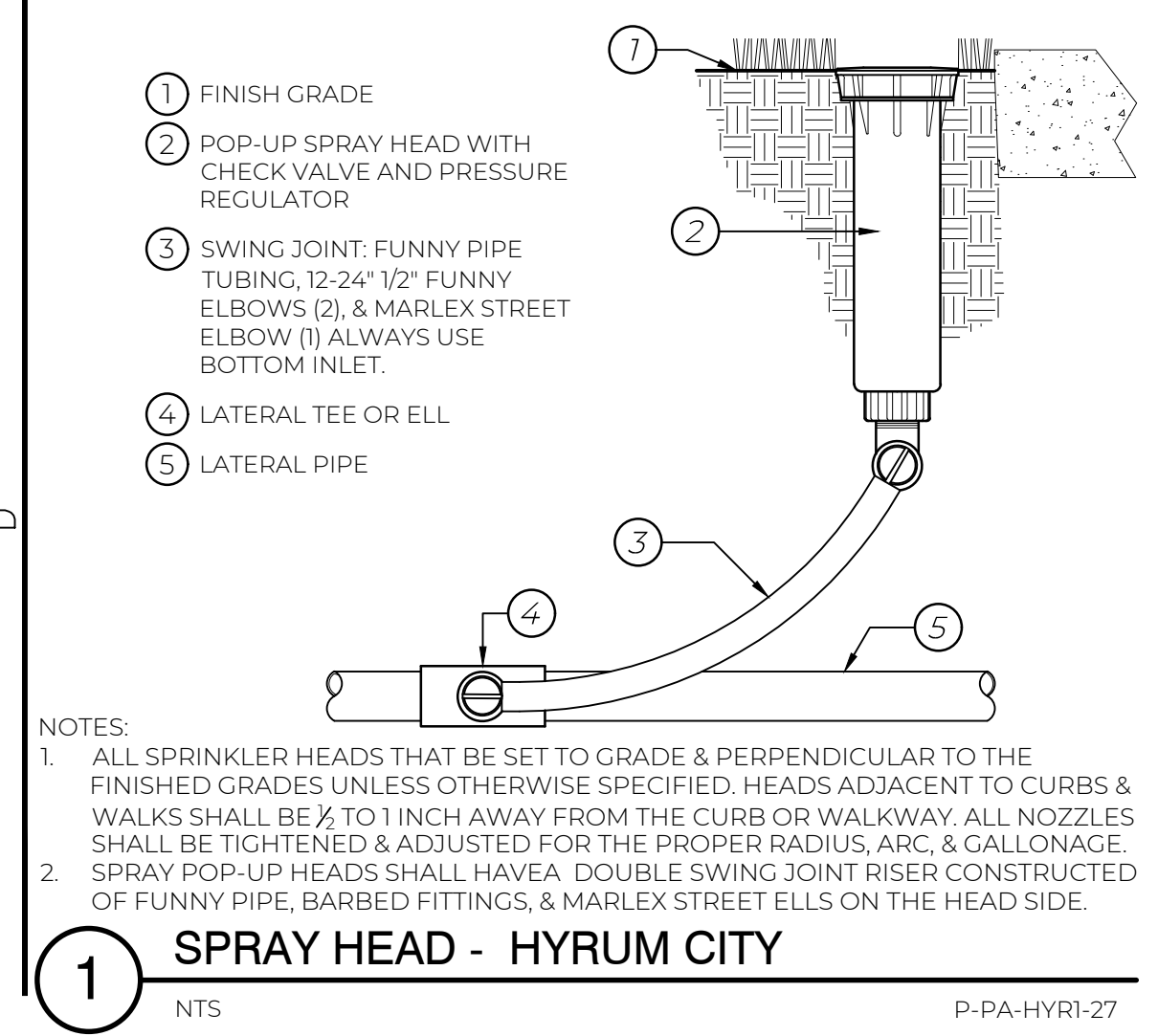
- 1. 32" LONG NON-ABRASIVE RUBBER TIES.
- 2. 1 1/2" DIA. LODGE POLE PINE STAKES. INSTALL 2" FROM ROOT BALL & SHALL NOT INTERFERE WITH PERMANENT BRANCHES.
- 3. REMOVE NURSERY STAKE. IF CENTRAL LEADER NEEDS SUPPORT, ATTACH A 1/2" X 8" BAMBOO POLE TO TRUNK.
- 4. PREVAILING WIND.
- 5. DEER FENCING.
- 6. 6" POST SHALL BE INSTALLED 6' FROM BASE OF TREE TO SUPPORT DEER FENCING.

P-PA-HYRI-46

10 BOULDER RETAINING WALL
3/4" = 1'-0"

- 1. MINIMUM 12" EMBEDMENT BELOW GRADE.
- 2. CLEAN, FREE DRAINING GRANULAR FILL 12" THICK.
- 3. COMPACTED BACKFILL.
- 4. FINISH GRADE, TYP. SEE PLAN.
- 5. COMPACTED NATIVE GRADE BELOW BOULDER WALL.

P-PA-HYRI-106



IRRIGATION DETAILS

TITLE	LIBBIE SPRINGS PARK
PROJECT	HYRUM CITY
CLIENT	
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS

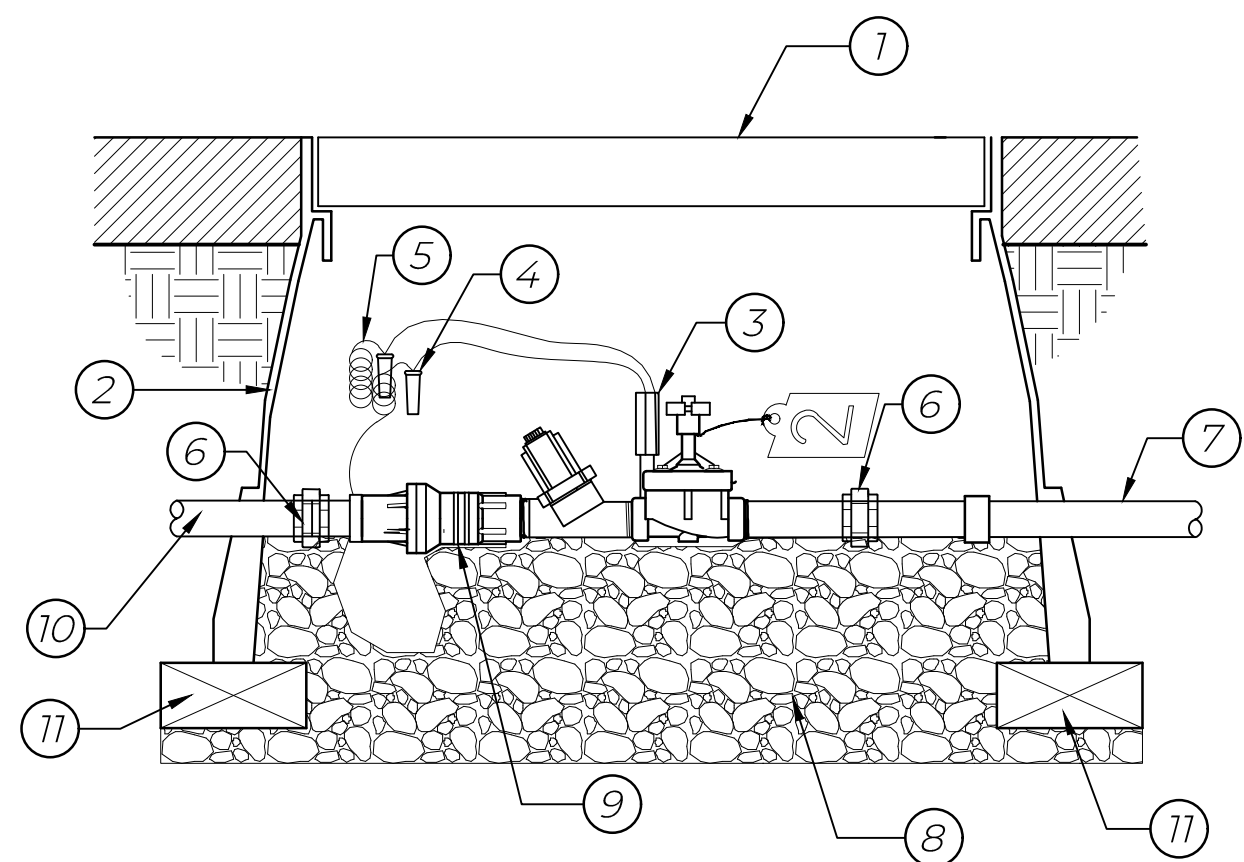
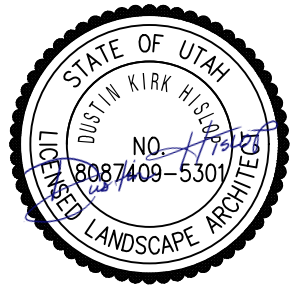
NO.	DATE	DESCRIPTION

HYRUM CITY
 ESTABLISHED 1860

DATE: 02-04-2025
 JOB NUMBER: 80015
 CHECKED BY: HISLOP

SHEET
L501

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.

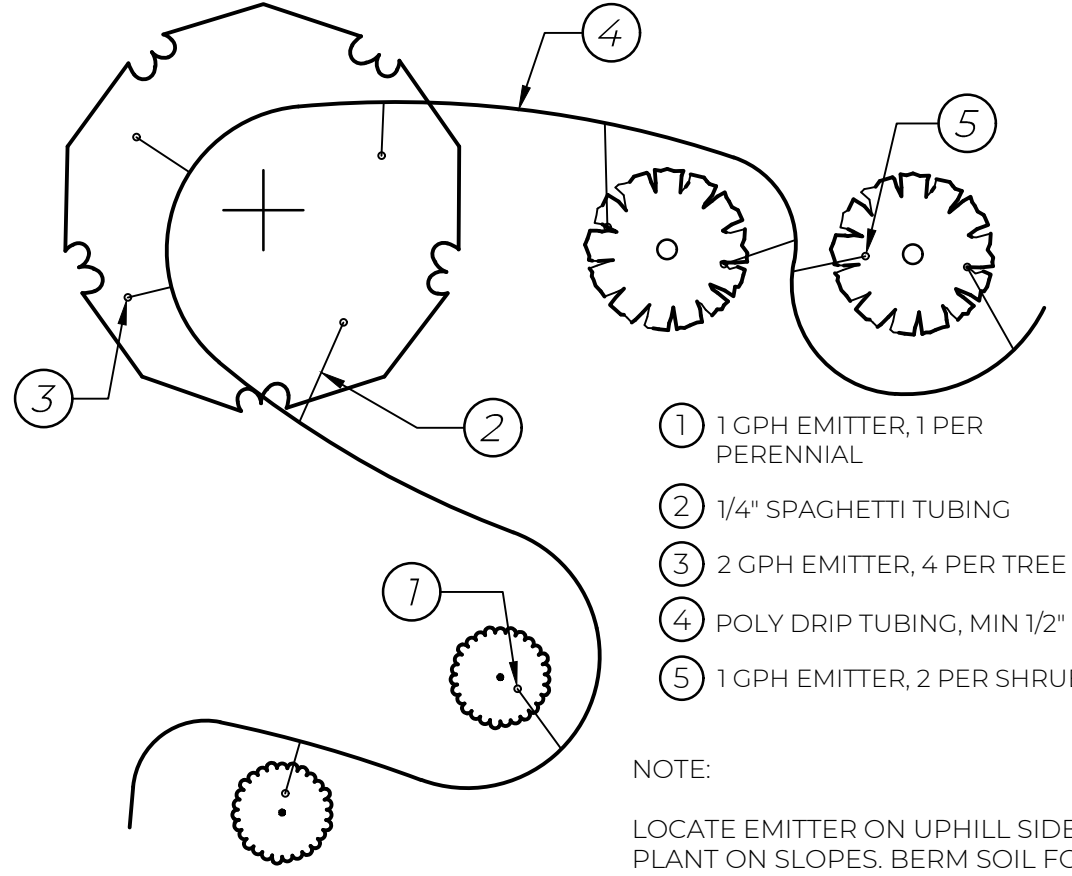


- 1 JUMBO VALVE BOX
- 2 WRAP BOX IN DEWITT PRO 5 W/4 BRICKS UNDERNEATH
- 3 DRIP ZONE KIT MODEL PER PLAN TIP FILTER 45 DEGREES
- 4 PAIGE WIRE CONNECTORS (2)
- 5 14 AWG PE WIRE PLACED INSIDE OF MIN 1-1/2" CONDUIT, 4" ABOVE BOX FLOOR
- 6 ACTION MANIFOLD FITTINGS
- 7 MAIN LINE PIPE, SCH. 80 FITTINGS
- 8 3/4" MINUS WASHED GRAVEL
- 9 REGULATOR: 25 OR 40 PSI
- 10 LATERAL LINE PIPE, SCH. 40 FITTINGS
- 11 BRICK

NOTE: ALL "DRIP" SPRINKLER SYSTEMS SHALL BE EQUIPPED WITH A LOW FLOW VALVE AND PRESSURE REDUCING FILTER AS APPROVED BY THE HYRUM CITY PARKS DEPARTMENT.

1 DRIP CONTROL ZONE
NTS

P-PA-HYRI-34

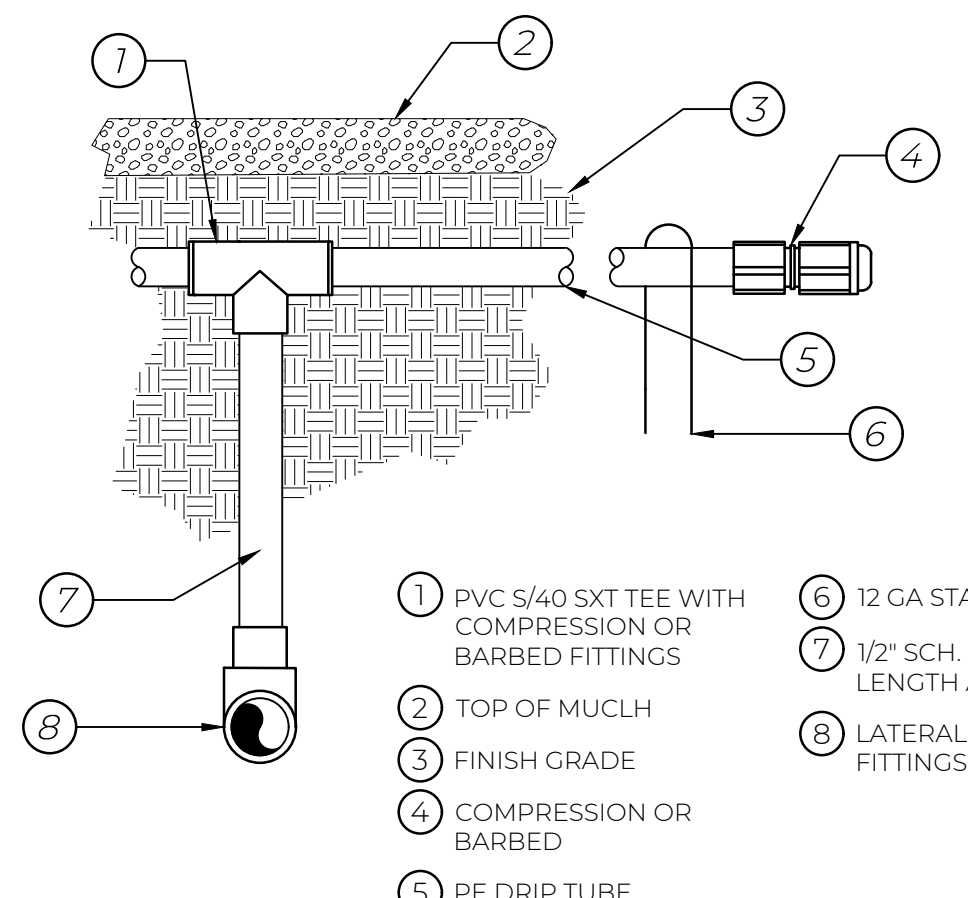


- 1 1 GPH EMITTER, 1 PER PERENNIAL
- 2 1/4" SPAGHETTI TUBING
- 3 2 GPH EMITTER, 4 PER TREE
- 4 POLY DRIP TUBING, MIN 1/2"
- 5 1 GPH EMITTER, 2 PER SHRUB

NOTE: LOCATE EMITTER ON UPHILL SIDE OF PLANT ON SLOPES, BERM SOIL FOR WATER BASIN ON EACH PLANT.

2 DRIP TUBING & EMITTERS - HYRUM CITY
NTS

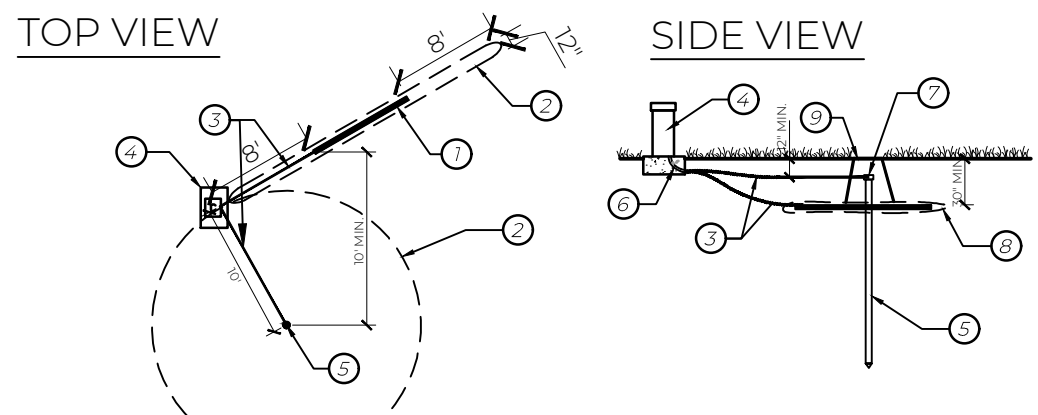
P-PA-HYRI-23



- 1 PVC S/40 SXT TEE WITH COMPRESSION OR BARBED FITTINGS
- 2 TOP OF MULCH
- 3 FINISH GRADE
- 4 COMPRESSION OR BARBED
- 5 PE DRIP TUBE
- 6 12 GA STAPLE
- 7 1/2" SCH. 80 NIPPLE LENGTH AS NEEDED
- 8 LATERAL PIPE AND FITTINGS

3 PVC TO POLY CONNECTION - HYRUM CITY
NTS

P-PA-HYRI-41



TOP VIEW

SIDE VIEW

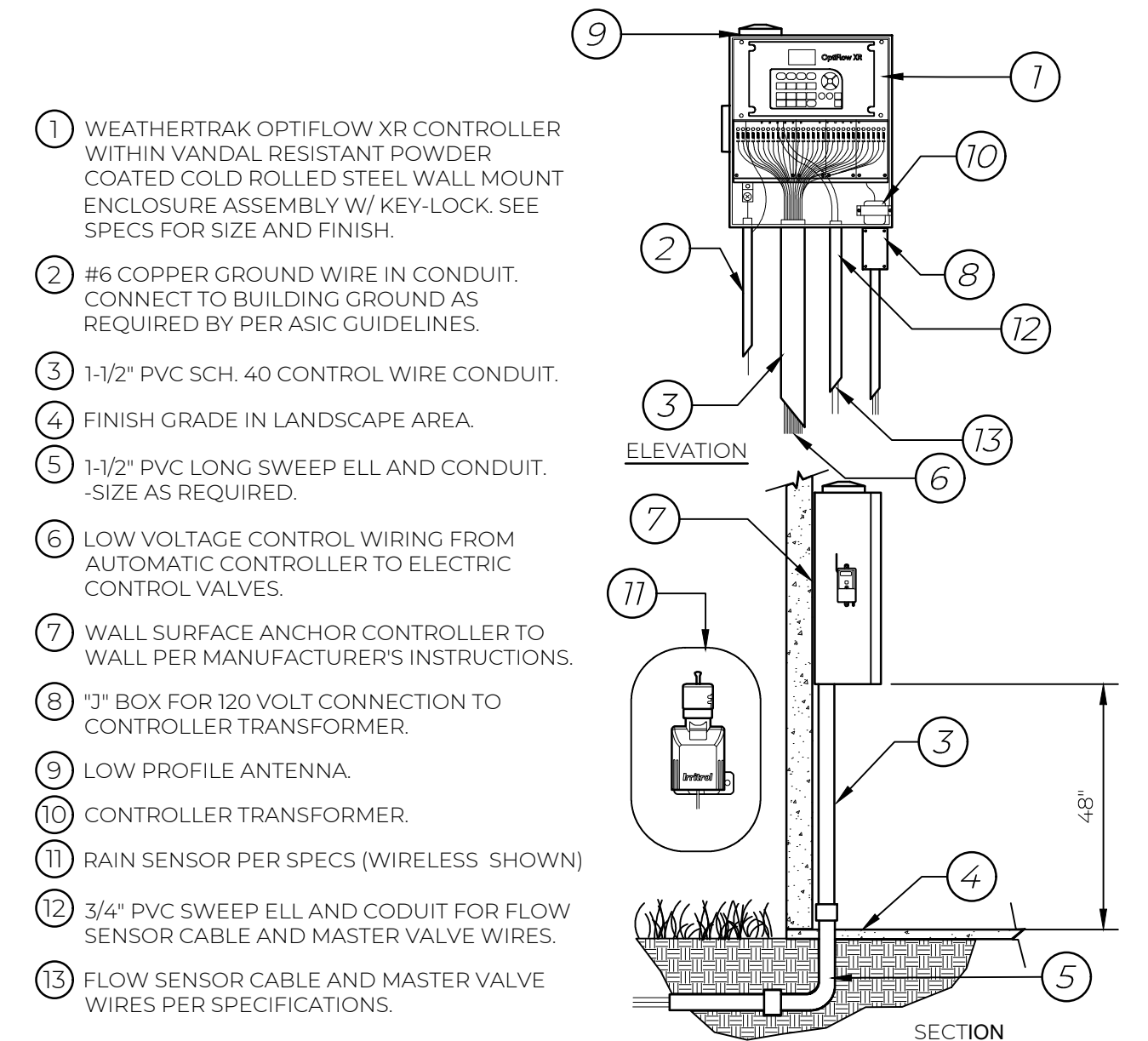
NOTES:

- 1 COPPER GROUND PLATE (4" X 96" X .0625")
- 2 ELECTRICAL SPHERE OF INFLUENCE BOUNDARIES
- 3 #6 AWG BARE COPPER WIRE
- 4 IRRIGATION CONTROLLER
- 5 5/8" X 10" UL LISTED COPPER CLAD GROUND ROD
- 6 PVC SWEEP ELL, 1-1/2" OR LARGER
- 7 "CADWELD" CONNECTION
- 8 "POWER SET" EARTH CONTACT MATERIAL
- 9 10" ROUND VALVE BOX

1. DO NOT INSTALL ANY OTHER WIRES OR CABLE WITHIN THE SPHERE OF INFLUENCE AREA.
2. PLACE 100 LB POWER SET SOIL AMENDMENT WITH EACH PLATE PER MANUFACTURER'S RECOMMENDATIONS.

4 GROUNDING GRID INSTALLATION
NTS

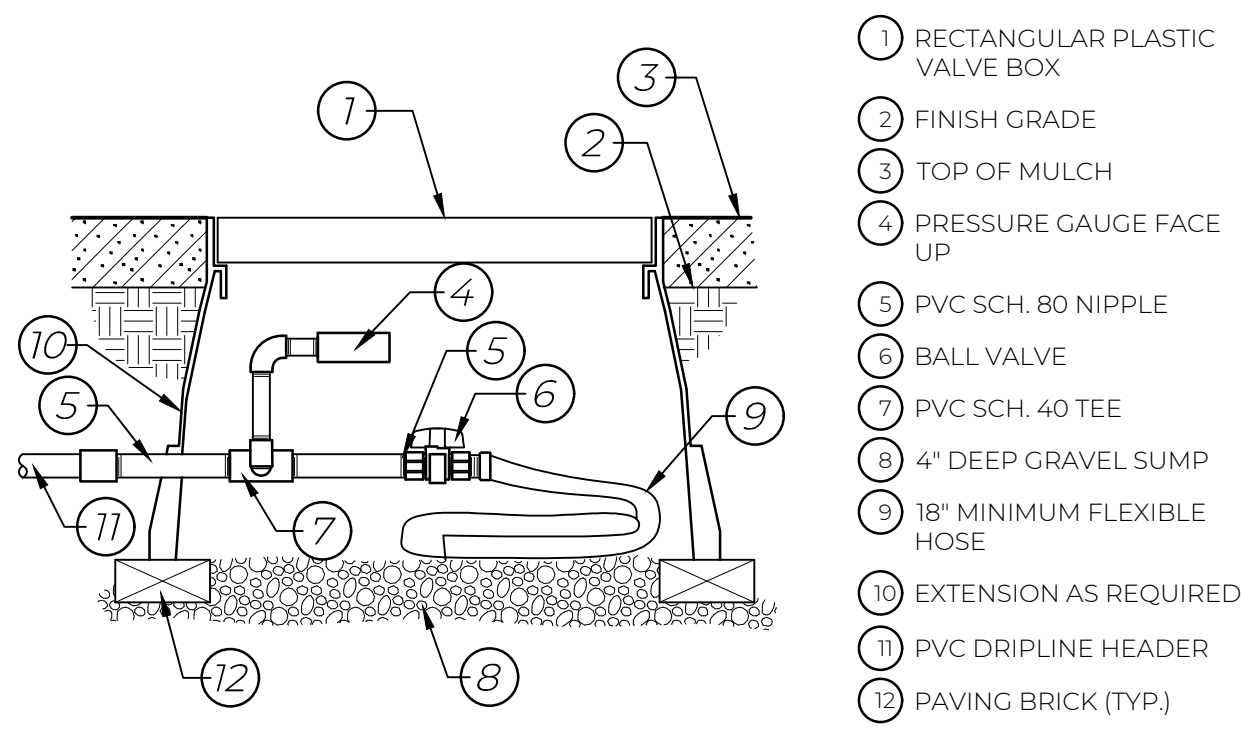
P-PA-HYRI-39



- 1 WEATHERTRAK OPTIFLOW XR CONTROLLER WITHIN VANDAL RESISTANT POWDER COATED COLD ROLLED STEEL WALL MOUNT ENCLOSURE ASSEMBLY W/ KEY-LOCK. SEE SPECS FOR SIZE AND FINISH.
- 2 #6 COPPER GROUND WIRE IN CONDUIT. CONNECT TO BUILDING GROUND AS REQUIRED BY PER ASIC GUIDELINES.
- 3 1-1/2" PVC SCH. 40 CONTROL WIRE CONDUIT.
- 4 FINISH GRADE IN LANDSCAPE AREA.
- 5 1-1/2" PVC LONG SWEEP ELL AND CONDUIT. SIZE AS REQUIRED.
- 6 LOW VOLTAGE CONTROL WIRING FROM AUTOMATIC CONTROLLER TO ELECTRIC CONTROL VALVES.
- 7 WALL SURFACE ANCHOR CONTROLLER TO WALL PER MANUFACTURER'S INSTRUCTIONS.
- 8 1" BOX FOR 120 VOLT CONNECTION TO CONTROLLER TRANSFORMER.
- 9 LOW PROFILE ANTENNA.
- 10 CONTROLLER TRANSFORMER.
- 11 RAIN SENSOR PER SPECS (WIRELESS SHOWN)
- 12 3/4" PVC SWEEP ELL AND CONDUIT FOR FLOW SENSOR CABLE AND MASTER VALVE WIRES.
- 13 FLOW SENSOR CABLE AND MASTER VALVE WIRES PER SPECIFICATIONS.

5 WEATHERTRAK OPTIFLOW XR WALL MOUNT INDOOR
NOT TO SCALE

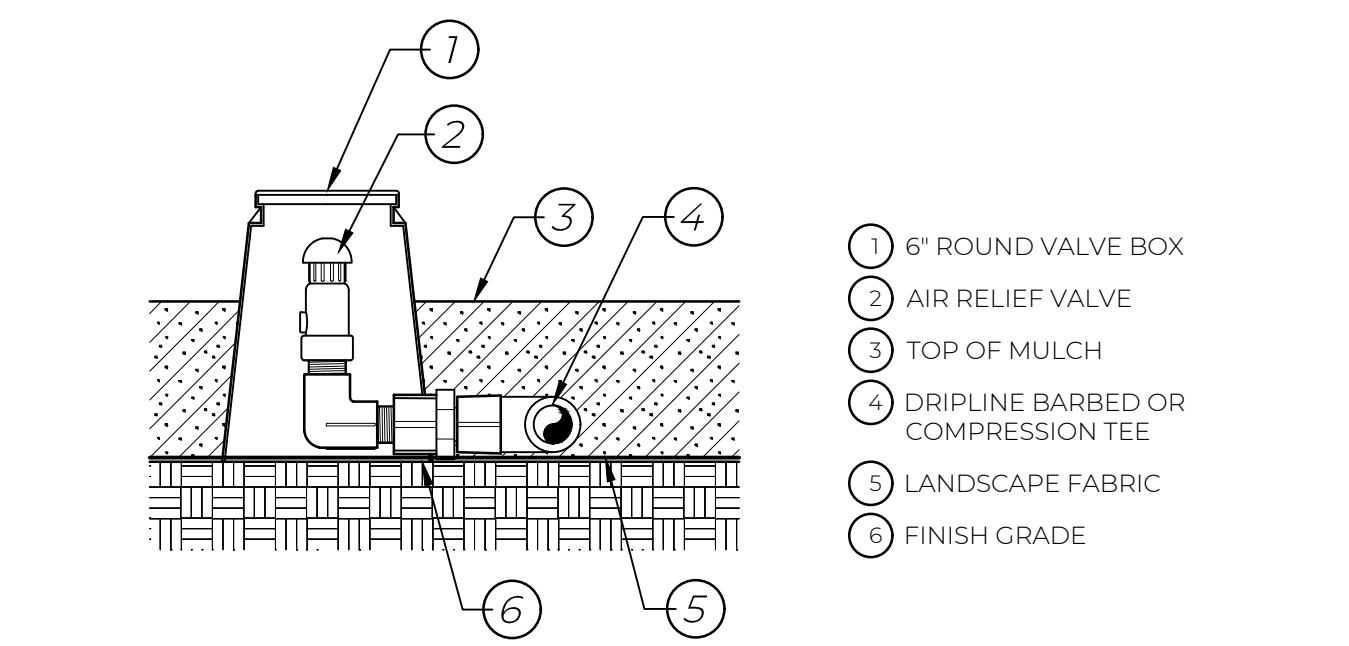
P-PA-HYRI-112



- 1 RECTANGULAR PLASTIC VALVE BOX
- 2 FINISH GRADE
- 3 TOP OF MULCH
- 4 PRESSURE GAUGE FACE UP
- 5 PVC SCH. 80 NIPPLE
- 6 BALL VALVE
- 7 PVC SCH. 40 TEE
- 8 4" DEEP GRAVEL SUMP
- 9 18" MINIMUM FLEXIBLE HOSE
- 10 EXTENSION AS REQUIRED
- 11 PVC DRILINE HEADER
- 12 PAVING BRICK (TYP.)

7 DRIPLINE FLUSH VALVE
1" = 1'-0"

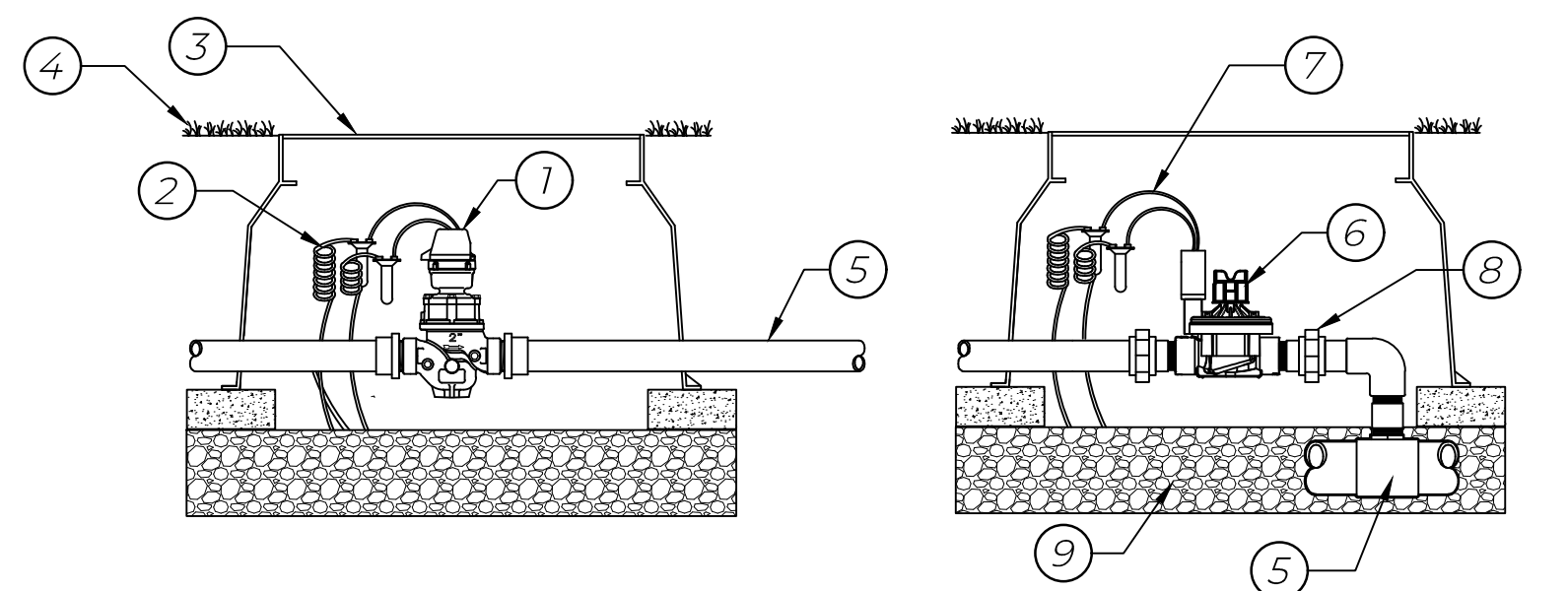
P-PA-HYRI-57



- 1 6" ROUND VALVE BOX
- 2 AIR RELIEF VALVE
- 3 TOP OF MULCH
- 4 DRIPLINE BARBED OR COMPRESSION TEE
- 5 LANDSCAPE FABRIC
- 6 FINISH GRADE

8 DRIPLINE AIR RELEIF VALVE
1 1/2" = 1'-0"

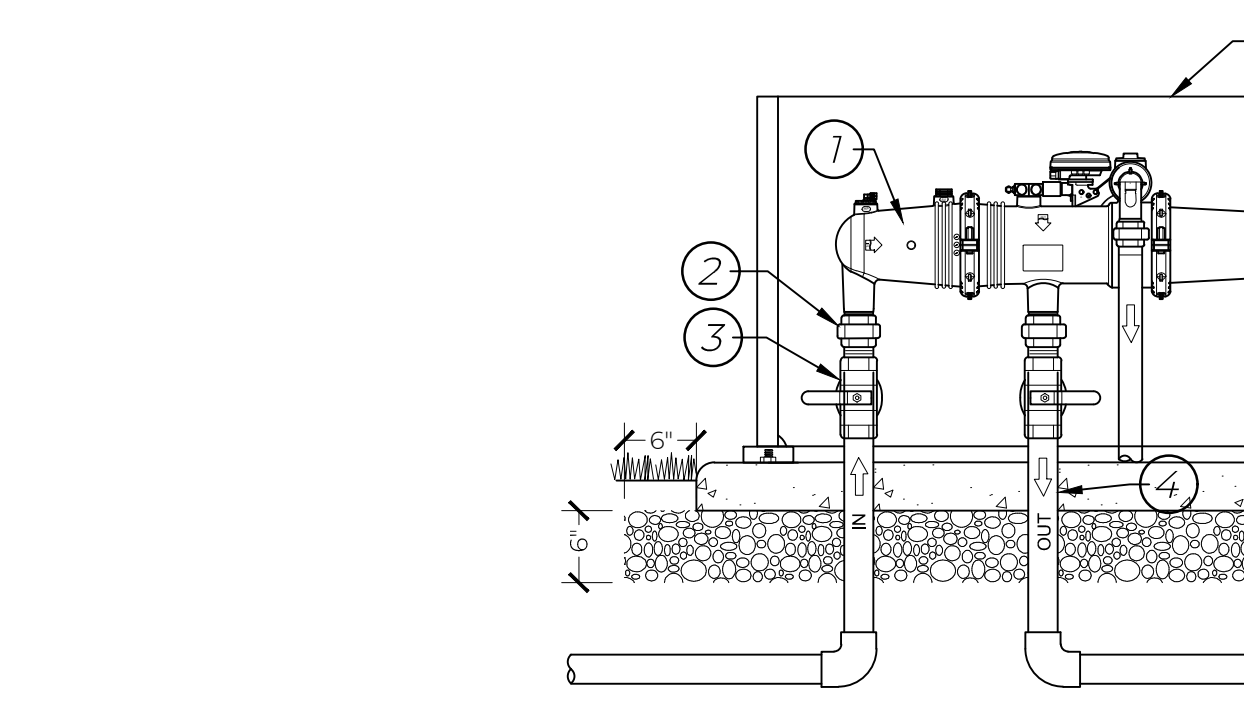
P-PA-HYRI-56



- 1 FLOW METER PER PLAN
- 2 FLOW SENSOR WIRE PER MANUFACTURER SPECIFICATIONS
- 3 JUMBO VALVE BOX, TYP.
- 4 FINISH GRADE
- 5 MAIN LINE PIPE PER PLAN
- 6 MASTER VALVE PER PLAN
- 7 CONTROL WIRES PER MANUFACTURER SPECIFICATIONS
- 8 UNIONS BOTH SIDES
- 9 3/4" GRAVEL BASE

9 MASTER VALVE & FLOW METER
NTS

P-PA-HYRI-63



- 1 FILTER PER PLAN
- 2 STAINLESS UNIONS - SIZE PER PLAN
- 3 STAINLESS STEEL BALL VALVE
- 4 STAINLESS NIPPLES AND FITTINGS AS REQUIRED
- 5 STRONGBOX SBBC-60ALHP
- 6 FINISH GRADE

NOTES:
1. MINI SIGMA PER PLAN.
2. STRONG BOX MOUNTED TO CONCRETE PAD. PAD SIZE SHALL BE 6 INCHES WIDER AND LONGER THAT STRONG BOX.
3. GRAVEL INSIDE MOWSTRIP SHALL BE RECESSED FROM THE TOP SO FILTER FITS INSIDE THE STRONG BOX.
4. INTERIOR GRAVEL SHALL BE WASHED SMOOTH GRAVEL 3/4" MINUS IN SIZE 16" DEEP.
5. WRAP PIT WITH DEWITT PRO 5 LANDSCAPE FABRIC PRIOR TO FILLING PIT WITH WASHED GRAVEL.

10 MEDIUM FILTER
3/4" = 1'-0"

P-PA-HYRI-100

DISTANCE CHART

REFER TO THE FOLLOWING TABLE THAT LISTS THE LENGTH (IN FEET) FOR EACH SIZE/TYPE FITTING WITHIN WHICH ALL JOINTS MUST BE RESTRAINED. ALL FITTINGS AND JOINT RESTRAINS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.

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

PIPE SIZE	BENDS			REDUCERS			DEAD END	
	11°	22°	45°	1 STEP	2 STEP	3 STEP	BLIND	SERV. B.
2"	1'	1'	2'	6'	--	--	19'	6'
2.5"	1'	2'	4'	9'	4'	--	23'	10'
3"	2'	3'	6'	11'	8'	10'	30'	15'
4"	2'	4'	9'	20'	14'	20'	45'	25'
6"	3'	6'	13'	29'	30'	40'	53'	40'
8"	4'	8'	15'	38'	33'	55'	63'	70'
10"	5'	9'	19'	45'	36'	56'	75'	90'
12"	5'	10'	21'	53'	38'	60'	83'	110'

THESE CHARTS ARE BASED ON USE OF LEEMCO PRODUCTS AND PROVIDED AS REFERENCE ONLY. CONTRACTOR SHALL CONTACT CORRESPONDING MANUFACTURER REPRESENTATIVE FOR PROPER CHARTS, TRAINING, AND CERTIFICATION IF OTHER PRODUCTS ARE SUBMITTED AND APPROVED. FOR USE OF LEEMCO PRODUCTS, CONTACT THE LEEMCO REPRESENTATIVE, FOR ALL QUESTIONS CONCERNING LEEMCO PRODUCTS.

INSTALLATION CHART

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

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

PIPE SIZE	NUMBER OF BOLTS	BOLT SIZE	TORQUE FT-LBS.
2"	2	3/8" X 2.5"	20
2.5"	2	3/8" X 2.5"	20
3"	2	3/8" X 2.5"	20
4"	2	1/2" X 3"	50
6"	2	1/2" X 3.5"	50
8"	4	1/2" X 4"	50
10"	4	3/4" X 5.5"	100
12"	4	3/4" X 5.5"	100

6 JOINT RESTRAINT TABLES
NTS

P-PA-HYRI-65

IRRIGATION DETAILS

TITLE	IRRIGATION DETAILS
PROJECT	LIBBIE SPRINGS PARK
CLIENT	HYRUM CITY
ADDRESS	20 NORTH 680 WEST, HYRUM, UT 84319

REVISIONS

NO.	DATE	DESCRIPTION



DATE: 02-04-2025
JOB NUMBER: 80015
CHECKED BY: HISLOP

SHEET
L502

ALL DRAWINGS, SPECIFICATIONS, DESIGNS AND IDEAS REPRESENTED HEREIN ARE AND SHALL REMAIN THE PROPERTY OF THE DESIGNER. NO PART THEREOF SHALL BE COPIED AND/OR DISCLOSED TO OTHERS OR USED IN CONNECTION WITH ANY OTHER PROJECT OTHER THAN THE SPECIFIC PROJECT FOR WHICH THEY HAVE BEEN PREPARED WITHOUT THE WRITTEN CONSENT OF THE DESIGNER. WRITTEN DIMENSIONS OF THESE DRAWINGS SHALL HAVE PRECEDENCE OVER SCALED DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB. NOTIFY DESIGNER OF ANY VARIATIONS FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THEIR DRAWINGS. COPYRIGHT © 2025 PRIME LANDSCAPE ARCHITECTURE, LLC.