

## Addendum 4

Bridger Park Pickleball Courts  
1181 North 400 West

October 5, 2016

This Addendum is hereby attached to and made part of the Bid Request Documents. Each firm submitting a bid shall acknowledge receipt of this addendum and acceptance of all conditions contained herein by including the addendum number and date on Page 8 of the bid package.

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1. Proposal  
Attachment shows updated sheet with removal of Alternate Bid Item. This Proposal sheet replaces all previous Proposal sheets and is to be used for Bid submittal.
2. Drawings  
Attached updated Drawings replace all previous Drawings.

## PROPOSAL

Bids will be received at the office of the Purchasing Agent of the City of Logan, at 290 North 100 West, Logan, Utah.

Dear Sir:

The undersigned, after having personally and carefully examined the Plans, Specifications and location which are a part hereof, proposes and agrees to furnish all materials, labor, equipment, and transportation necessary to install ready for service and to the satisfaction of the City Engineer for Logan City, in accordance with the Plans and Specifications which are a part hereof, all items included in the **Bridger Park Pickleball Courts Project** in consideration of the unit prices totaling to the lump sum of \$ \_\_\_\_\_ and further agree to complete the work within the time specified in the SCHEDULE FOR CONTRACT COMPLETION after being notified by the City Engineer to commence the work. Contractor further agrees to pay as liquidated damages, the sum of \$250 for each consecutive day thereafter as provided in the General Conditions.

It is understood that the quantities stated are approximate only and are for the purpose of comparing Bids and fixing the amount of Bonds, and the payments will only be made on the basis of the above unit prices of the actual quantities, as determined by the Owner's Engineer in the completed work. It is further understood that the quantities will be increased or decreased as necessary to maximize the benefit of the existing budgets.

It is hereby agreed that The City of Logan has the right to reject this proposal or to award the work to the undersigned at the sum stipulated, if action is taken within thirty (30) days after opening of Bids.

The Contractor hereby acknowledges receipt of the following Addenda: \_\_\_\_\_

Date \_\_\_\_\_

\_\_\_\_\_  
Authorized Signature

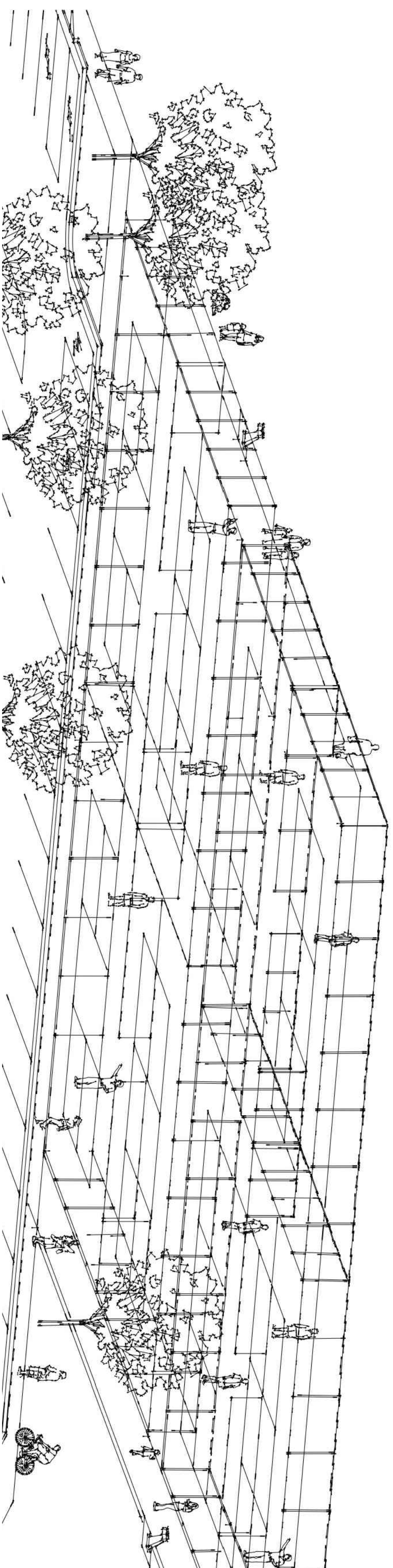
\_\_\_\_\_  
Printer Name

\_\_\_\_\_  
Company Name

# BRIDGER PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84321

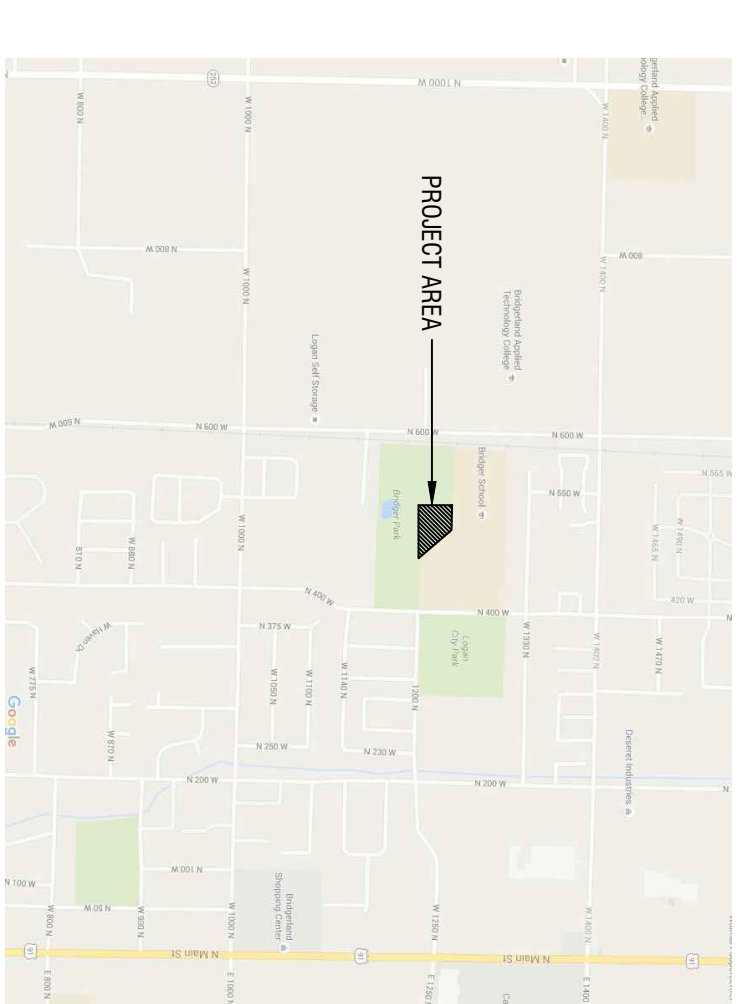
## SITE PERSPECTIVE



## SHEET INDEX

SHEET NO.	TITLE
G-1.0	COVER / SHEET INDEX
D-0.1	SITE SURVEY
C-1.1	SITE LAYOUT PLAN
C-3.0	SITE GRADING & UTILITY PLAN
C-3.1	SWPP INFORMATION PLAN
C-5.1	SITE DETAILS
C-6.0	SITE SPECIFICATIONS
C-6.1	SITE SPECIFICATIONS

## VICINITY MAP



NTS

## CONSTRUCTION DOCUMENTS

### OWNER/CONTRACTOR

**CITY OF LOGAN**  
195 SOUTH 100 WEST  
LOGAN, UTAH 84321  
PHONE: 435-716-9250  
FAX:  
russekh@loganutil.org  
CONTACT: RUSS AKINA

### LANDSCAPE ARCHITECT

**DESIGN WEST ARCHITECTS**  
255 SOUTH 300 WEST  
LOGAN, UTAH 84321  
PHONE: 435-752-7031  
FAX: 435-752-5325  
blakew@designwestarchitects.com  
CONTACT: BLAKE WRIGHT

### CIVIL ENGINEER

**CACHE LANDMARK**  
1011 W 400 N #130  
LOGAN, UTAH 84321  
PHONE: 435-713-0099  
FAX:  
mphilips@cachelandmark.com  
CONTACT: MATT PHILLIPS

### ELECTRICAL ENGINEER

**BEAZER ENGINEERING**  
525 EAST 3700 SOUTH  
MILLVILLE, UTAH 84326  
PHONE: 435-753-1250  
FAX:  
david@beazer-engineering.com  
CONTACT: DAVID BEAZER

## BRIDGER PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84341

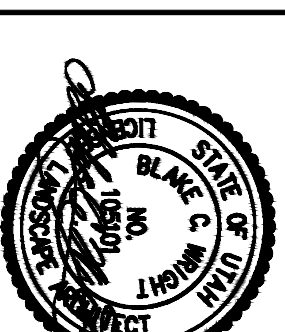
LOGAN CITY  
195 S 100 W, LOGAN, UT 84321

**design west | architects**

255 SOUTH 300 WEST LOGAN UT 84321  
795 NORTH 400 WEST SALT LAKE CITY UT 84103

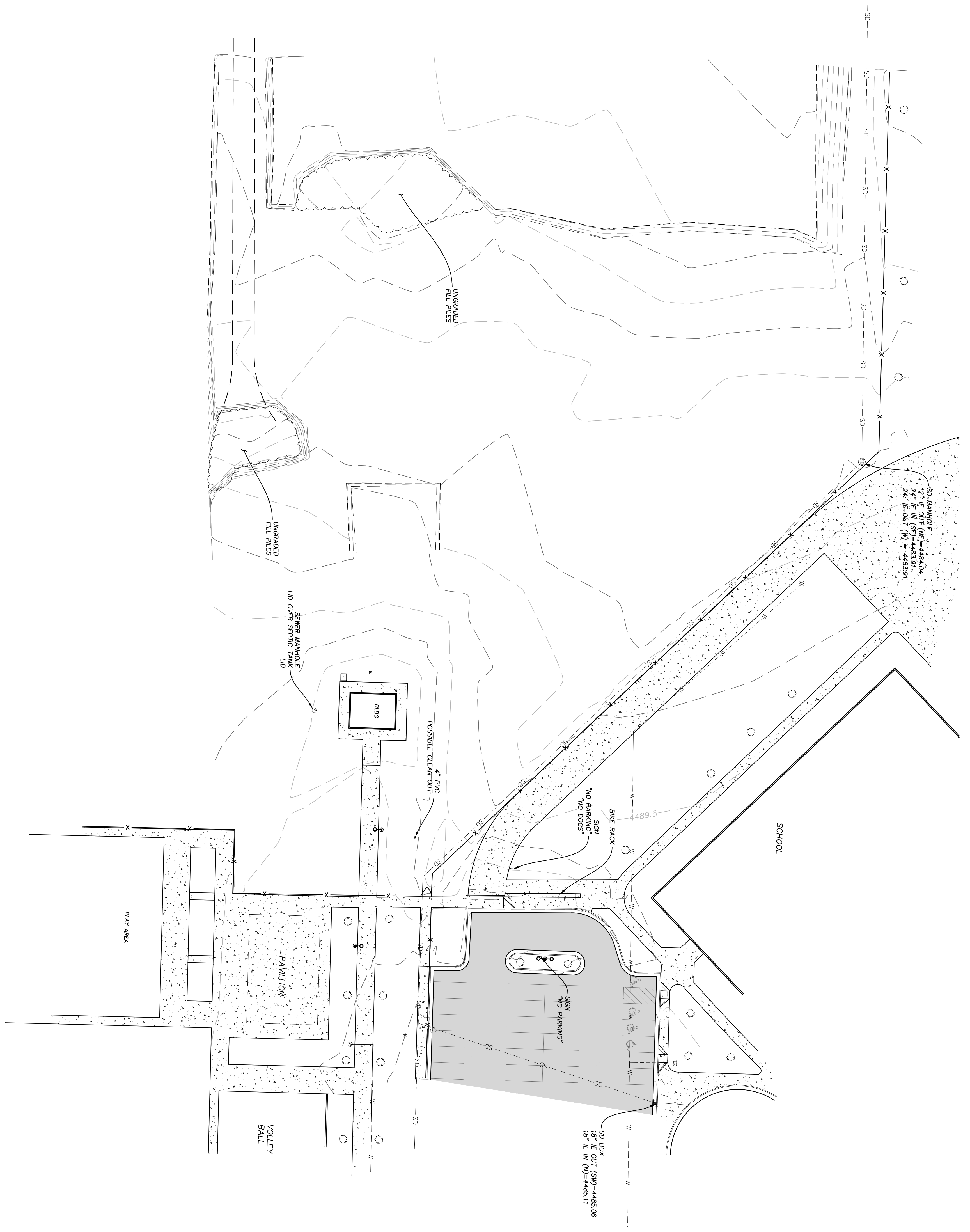
MARK:	DATE:	DESCRIPTION:
ADA	10.04.2016	UPDATED BID SET

PROJECT #: 816069  
DRAWN BY: HISLOP  
CHECKED BY: WRIGHT  
ISSUED: 10/04/16



COVER SHEET

G-1.0



**LEGEND**

X	FENCE
SS	SANITARY SEWER LINE
SD	STORM DRAIN LINE
W	WATER LINE
HR	IRRIGATION LINE
OH	OVERHEAD POWER LINE
UG	UNDERGROUND POWER LINE
COM	UNDERGROUND COMMUNICATIONS LINE
---	CURB & GUTTER
---	ASPHALT
---	CONCRETE
⊙	SANITARY SEWER MANHOLE
⊙	SANITARY SEWER CLEANOUT
⊙	STORM DRAIN MANHOLE
⊙	FIRE HYDRANT
⊙	WATER METER
⊙	WATER VALVE
⊙	IRRIGATION CONTROL VALVE BOX
⊙	LIGHT POLE
⊙	TREE
⊙	ELECTRICAL TRANSFORMER/JUNCTION BOX

**Cache • Landmark**

**Engineers**  
Surveyors  
Planners

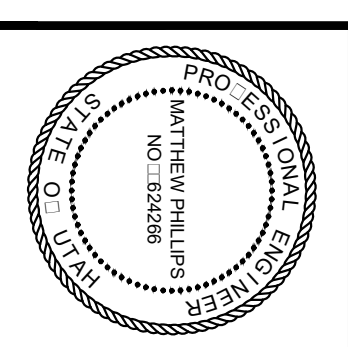
**1011 West 400 North  
Suite 130  
Logan, UT 84321  
435.713.0999**

**DATE:** 4 MARCH 2016  
**SCALE:** 1" = 40'

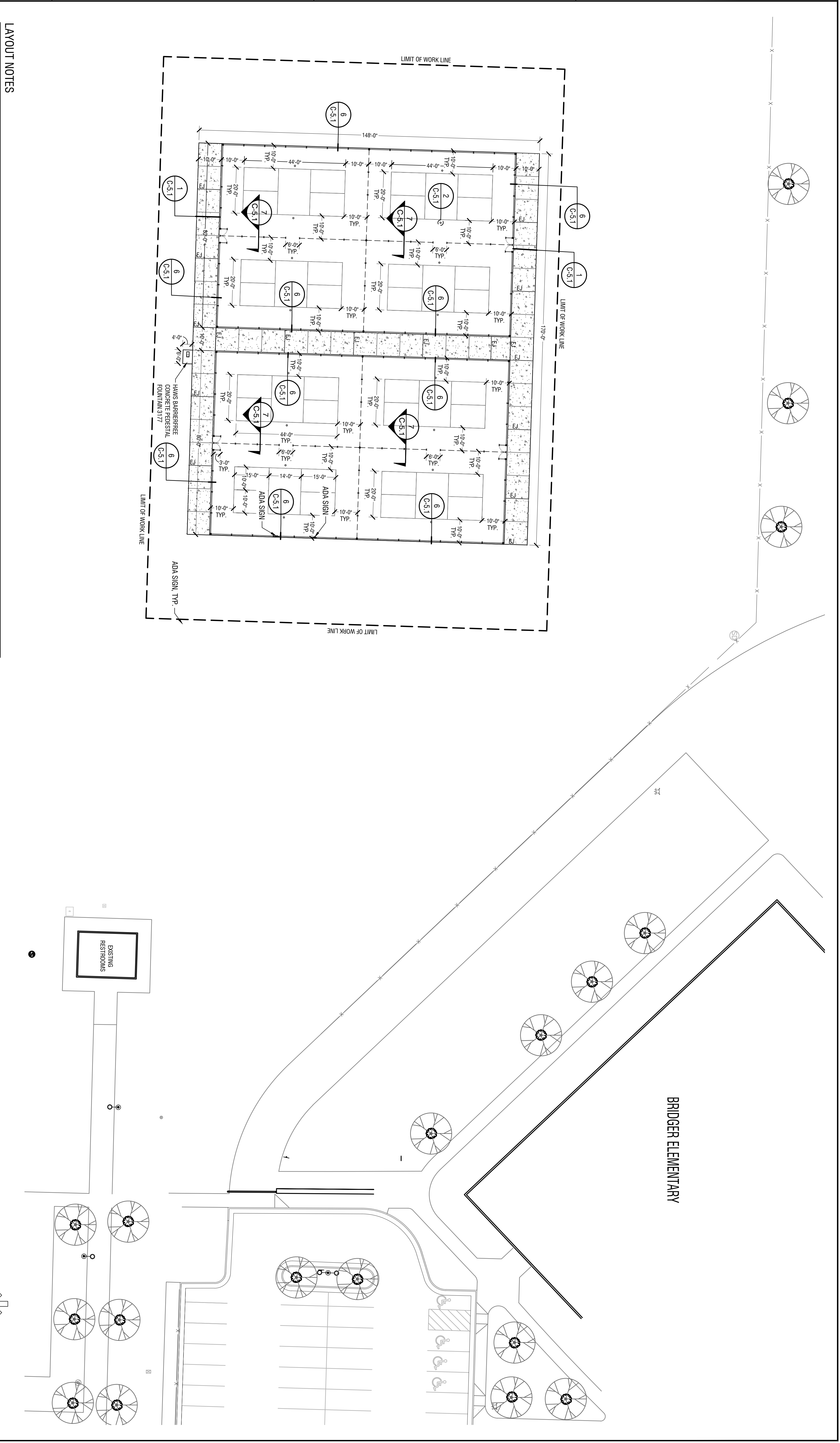
**DESIGN BY:** M. PHILLIPS  
**CHECKED BY:** C. REINERT  
**APPROVED BY:** M. PHILLIPS  
**CLIENT PROJECT NUMBER:** 580.1601  
**SHEET:**

**BRIDGER PARK**  
1181 NORTH 400 WEST  
LOGAN, UTAH

**PICKLE BALL COURTS  
TOPOGRAPHICAL MAP**

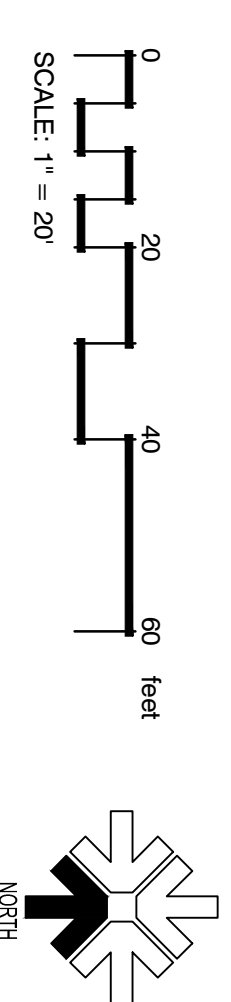


NO.	DATE	DESCRIPTION



**LAYOUT NOTES**

1. CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED BY CONSTRUCTION OPERATIONS (WHICH MAY OCCUR ON OR OFF SITE) TO THE ARCHITECT'S AND OWNERS SATISFACTION.
2. ALL CONSTRUCTION SHALL MEET CITY OF LOGAN STANDARDS AND SPECIFICATIONS (APRIL 2007, AS AMENDED BY LOGAN CITY) AS OF DATE APPROVED FOR CONSTRUCTION BY ENGINEER.
3. COORDINATE SLEEVES FOR FUTURE LIGHTING. SLEEVES SHALL RUN FROM NORTH SIDE OF COURTS TO SOUTH SIDE OF COURTS UNDER CONCRETE WALK.
4. COORDINATE CONSTRUCTION ACCESS TO SITE FROM 800 WEST.
5. COORDINATE STUCK PILE LOCATION WITH CITY.
6. THE WATER METER SETTER MUST HAVE CURRENT LOGAN CITY APPROVED CHECK VALUE IF THE WATER METER SERVES JUST THE WATER FOUNTAIN AND THE LANDSCAPE IRRIGATION. THE LANDSCAPE IRRIGATION MUST HAVE A HIGH PRESSURE BACK FLOW ASSSEMBLY ON ITS FEED AND A SEPARATE LINE BEFORE IT TO FEED THE WATER FOUNTAIN AND THE CITY WILL RELY ON THE AIR GAP FOR POINT OF USE PROTECTION.



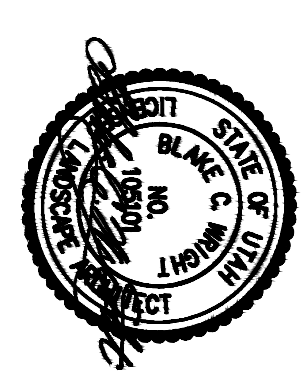
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**BRIDGER PARK PICKLEBALL COURTS**  
 1181 N 400 W, LOGAN, UT 84341

LOGAN CITY  
 195 S 100 W, LOGAN, UT 84321

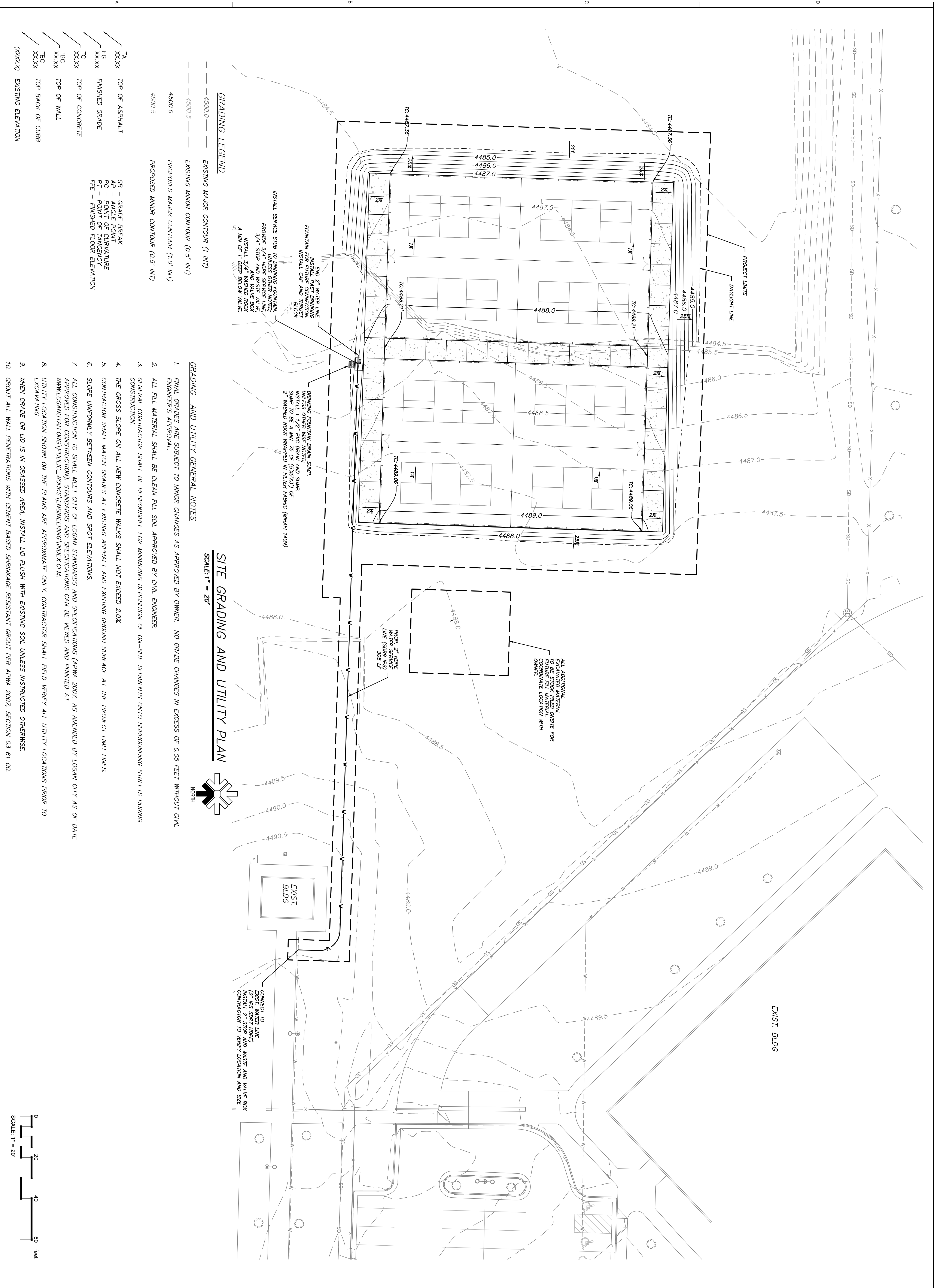
**design west | architects**

255 SOUTH 300 WEST LOGAN UT 84321  
 795 NORTH 400 WEST SALT LAKE CITY UT 84103

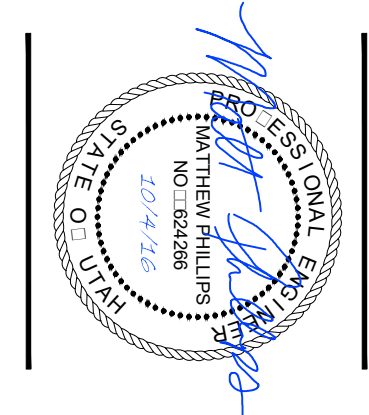


**SITE LAYOUT PLAN**

**C-1.1**



1  
2  
3  
4  
5



PROJECT #: 816009  
 DRAWN BY: PHILLIPS  
 CHECKED BY: ANDERSON  
 ISSUED: 10/04/16

MARK	DATE	DESCRIPTION
	10-4-16	ADDENDUM #4

**BRIDGER PARK PICKLEBALL COURTS**  
 1181 N 400 W, LOGAN, UT 84321  
 LOGAN CITY  
 195 S 100 W, LOGAN, UT 84321

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 255 SOUTH 300 WEST LOGAN UT 84321  
 795 NORTH 400 WEST SALT LAKE CITY UT 84103

GRADING AND UTILITY PLAN  
 C-3.0  
 © COPYRIGHT DESIGN WEST ARCHITECTS

**STORM WATER POLLUTION PREVENTION INFORMATION**

**SITE EVALUATION, ASSESSMENT, AND PLANNING**

PROJECT SITE NAME: BRIDGER PARK  
 PROJECT LOCATION: 1200 N 400 W. SEE COVER SHEET  
 CITY: LOGAN, UTAH 84321  
 COUNTY: CACHE  
 LATITUDE/LONGITUDE (GOOGLE EARTH)  
 LAT: 41°45'15" NORTH LONG: 111°50'45" WEST

**CONTACT INFORMATION AND RESPONSIBLE PARTIES:**

OWNER: LOGAN PARKS AND RECREATION  
 RUSS AKINA  
 195 SOUTH 100 WEST  
 LOGAN, UT 84321  
 (435) 716-9240  
 PROJECT MANAGER:  
 RUSS AKINA  
 LOGAN CITY PARKS AND RECREATION DIRECTOR  
 195 SOUTH 100 WEST  
 LOGAN, UT 84321  
 (435) 716-9240  
 CITY STORMWATER INSPECTOR  
 LYNN MAYS  
 (435) 716-9167  
 (435) 435-7341

LOGAN CITY PUBLIC WORKS INSPECTOR  
 KELL Y HIGBEE (435) 994-0433  
 LOGAN CITY LIGHT AND POWER  
 STEPHEN CROSBY (435) 716-9745

QUESTAR GAS COMPANY  
 DAN McDONALD (801) 230-5843

CENTURY LINK  
 TOM LARSEN (385) 245-6759

CONTRACTOR STORMWATER MANAGER  
 TBD

CONTRACTOR SWPPP CONTACT/STORMWATER INSPECTOR  
 TBD

**NATURE AND SEQUENCE OF CONSTRUCTION**

LOGAN CITY IS GOING TO CONSTRUCT PICKLEBALL COURTS  
 BEST MANAGEMENT PRACTICES (BMPs) FOR ALL OF THE ACTIVITIES WILL BE APPLIED TO THE SITE WHEN NECESSARY AND MONITORED BY THE CONTRACTOR'S STORM WATER MANAGER AND CONTRACTOR'S ON-SITE INSPECTOR. ADDITIONAL BMPs WILL BE ADDED IF NECESSARY. THE FUNCTION OF THIS ACTIVITY IS PUBLIC. ESTIMATED START DATE: SUMMER 2016  
 ESTIMATED COMPLETION: FALL 2016

**SOILS, SLOPES, VEGETATION, AND CURRENT DRAINAGE PATTERNS**

THE SOILS ON THIS SITE ARE ALLUVIAL OVERBURDEN, MOSTLY GRAVELS AND CLAYS AS OBTAINED THROUGH TEST EXCAVATIONS AND INSPECTION PERFORMED BY ALL POINTS CONSULTING. SLOPES: SLOPES ON THIS PROJECT ARE FLAT. SITE CONDITIONS ARE NOT SUBJECT TO EROSION IN THEIR PRE-CONSTRUCTION CONDITION. DRAINAGE PATTERNS: DRAINAGE PATTERNS ARE FROM EAST TO WEST AS SHOWN IN THE PROFILE. VEGETATION: VEGETATION IS GRASS.

**CONSTRUCTION SITE ESTIMATES**

DRAINAGE AREA: 0.95 ACRES  
 CONSTRUCTION SITE AREA TO BE DISTURBED: 0.95 ACRES  
 TOTAL PROJECT AREA: 0.95 ACRES  
 PERCENT IMPERVIOUS AREA BEFORE CONSTRUCTION: APPROX. 0%  
 PERCENT IMPERVIOUS AREA AFTER CONSTRUCTION: APPROX. 0%  
 RUNOFF COEFFICIENT BEFORE CONSTRUCTION: .70  
 RUNOFF COEFFICIENT AFTER CONSTRUCTION: .87  
 DETENTION PROVIDED: 0 ACRE-FEET

**RECEIVING WATERS**

THE RECEIVING WATER FOR THIS PROJECT IS THE LOGAN NORTHWEST FIELD IRRIGATION TO CUTLER RESERVOIR. THERE ARE NO WETLANDS ON THIS SITE

**SITE FEATURES AND SITE SENSITIVE AREAS TO BE PROTECTED**

THERE ARE NO SENSITIVE SITE FEATURES OR SENSITIVE AREAS ASSOCIATED WITH THIS PROJECT AS DETERMINED BY THE ENGINEER.

**BEST MANAGEMENT PRACTICES (BMP'S)**

1. SWEEPING OF ROADS AND PARKING LOTS: SWEEPING OF THE ROADS AND PARKING LOTS EFFECTED BY CONSTRUCTION EQUIPMENT ENTER OR LEAVING THE CONSTRUCTION SITE AND WHERE ANY MATERIAL IS BEING HAULED FROM NOT LESS THAN DAILY AND MORE OFTEN IF DIRECTED BY THE ENGINEER TO AVOID DUST OR GENERAL CONSTRUCTION PERMIT VIOLATIONS.
2. GRASS SEED REVEGETATION: REVEGETATION AT ROADWAY SHOULDER SHALL CONSIST OF THE PLANTING OF GRASS SEEDS AS PROVIDED BY LOGAN CITY OVER ALL AREAS DISTURBED WITH CONSTRUCTION. THE PLANTING SHALL CONSIST OF BROADCAST SPREADING AT THE DENSITY SPECIFIED ON THE PLANS.
3. GRASS SOD: ESTABLISHED PARKSTRIPS SHALL BE PERMANENTLY STABILIZED BY SOD, PURCHASED FROM A LOCAL VENDOR. CONTRACTOR SHALL MONITOR THE SOD UNTIL IT HAS ESTABLISHED.
4. SLOPE EROSION PROTECTION (IF APPLICABLE): SLOPES SHALL BE PROTECTED FROM EROSION BASED ON THE FOLLOWING ASSUMPTIONS:  
 -SLOPES WITH GRADES UP TO 4H : 1V: HYDROSEEDING WITH A TRACKER IS ALLOWED.  
 -SLOPES WITH GRADES STEEPER THAN 4H : 1V: USE COCONUT FIBER EROSION CONTROL MATTING.
5. INLET PROTECTION: INLET PROTECTION SHALL CONSIST OF PLACING FILTER GEOTEXTILE FABRIC PER APWA 2007 AS AMENDED OVER THE CATCH BASIN INLET, AND THEN PLACING CLEAN GRAVEL IN SAND BAGS OR "SOCKS" AND PLACING THE FILTER SOCK OR BAGS AROUND THE INLET ON THE FABRIC TO POND WATER AROUND THE INLET TO SETTLE SEDIMENTS AND FILTER WATER THROUGH THE GRAVEL BAGS, FURTHER REMOVING SEDIMENT. THIS BMP IS CLEANED AFTER EVERY STORM.
6. PORTABLE TOILETS: PORTABLE TOILET FACILITY SHALL BE PROVIDED BY THE CONTRACTOR FOR WORKERS ON THIS PROJECT. THE PORTABLE TOILET SHALL BE PLACED AT A SUITABLE LOCATION THAT IS NOT NEAR A STORM DRAIN INLET OR CURB AND GUTTER AND WHERE ANY SPILLS MAY BE EASILY CLEANED UP WITHOUT RISK TO PEOPLE OR THE ENVIRONMENT. ADDITIONALLY, THE PORTABLE FACILITIES SHALL BE STAKED DOWN PER MANUFACTURERS INSTRUCTION. THE FACILITY SHALL BE SERVICED BY THE PROVIDER AT LEAST WEEKLY.
7. DAILY GARBAGE CLEANUP: CONTRACTOR SHALL MAINTAIN CONSTRUCTION SITE CLEAN OF ALL TRASH AND DEBRIS. GARBAGE, TRASH, AND DEBRIS SHALL BE CLEANED UP DAILY AND REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED GARBAGE DISPOSAL SITE.
8. DUST CONTROL: CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO MINIMIZE DUST ON THIS SITE DURING CONSTRUCTION THROUGH THE UTILIZATION OF WATER OR OTHER APPROPRIATE MEASURES. DUST IS NOT ALLOWED.
9. SILT FENCE: SILT FENCE MAY BE USED AS A PERIMETER BARRIER INSTALLED A SUFFICIENT DISTANCE FROM THE PERIMETER OF DISTURBED AREAS TO PREVENT SEDIMENT FROM MIGRATING AWAY FROM THE SITE.
10. VEGETATED BUFFER: A 50 FOOT VEGETATED BUFFER SHALL BE MAINTAINED BETWEEN THE PROJECT AND ANY SURFACE WATERS. IF IT IS NOT POSSIBLE TO ESTABLISH AND MAINTAIN A 50 FOOT VEGETATED BUFFER, A VEGETATED BUFFER THAT IS LESS THAN 50 FOOT WIDE MAY BE USED AND SHALL BE SUPPLEMENTED WITH ADDITIONAL BMP'S THAT WHEN COMBINED WILL BE EQUIVALENT TO HAVING A 50 FOOT VEGETATED BUFFER. WHEN ALLOWED A BUFFER THAT IS LESS THAN 50 FOOT WIDE, THE AREA OF THE BUFFER SHALL BE IDENTIFIED BY STAKES AND RIBBON OR CONSTRUCTION FENCE TO ENSURE THAT THE BUFFER IS NOT DAMAGED OR IMPOSED UPON BY CONSTRUCTION ACTIVITIES.
11. CONSTRUCTION FENCE: CONSTRUCTION FENCE MAY BE USED AS A PERIMETER BARRIER INSTALLED A SUFFICIENT DISTANCE FROM THE LIMIT OF THE PROJECT. THIS SHALL NOT BE A SUBSTITUTE FOR SILT FENCE. IF USED, CONSTRUCTION FENCE SHALL BE CONTINUALLY MAINTAINED AND IMMEDIATELY REPAIRED IF NEEDED.
12. WADDELS: WADDEL, IF USED, SHALL BE ENTRENCHED AND ANCHORED AS REQUIRED BY THE MANUFACTURER AND COMMON STORMWATER BMP PRACTICE. INSTALLATION DETAILS SHALL BE PROVIDED BY THE CONTRACTOR AND INCLUDED AS PART OF THE SWPPP.
13. TRACKING PADS: TRACKING PADS SHALL BE INSTALLED TO PROTECT THE ROADWAYS AND PARKING LOTS FROM CONTAMINATION WITH SEDIMENT. THE LOCATIONS OF THESE PADS SHALL INCLUDE ALL LOCATIONS WHERE VEHICLES EXIT THE SITE.
14. CONCRETE WASHOUT: A CONCRETE WASHOUT LOCATION SHALL BE PROVIDED AND SIGNED. THE CONCRETE WASHOUT SHALL BE INSTALLED ON THE PAVED SURFACE THAT WILL FULLY CONTAIN ALL CONCRETE WASHOUT MATERIALS AND CONCRETE CLEANUP. THIS WASHOUT SHALL BE LINED WITH PLASTIC (8 MIL MINIMUM) AND A COVERING OF EARTH TO ABSORB ANY LIQUIDS (AS AN ALTERNATIVE, A CHILDREN'S SWIMMING POOL MAY BE USED). AFTER CONSTRUCTION IS COMPLETED, THE WASHOUT SHALL BE REMOVED FROM THE SITE, AND THE CONTAINED MATERIAL DISPOSED OF AT THE LOGAN CITY LANDFILL AS CONSTRUCTION DEBRIS.
15. INSPECTIONS: WEEKLY INSPECTIONS SHALL BE DOCUMENTED ON AN APPROVED INSPECTION FORM ON A WEEKLY BASIS. WEEKLY INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED INDIVIDUAL IN ACCORDANCE WITH REQUIREMENTS OF THE UTAH CONSTRUCTION GENERAL PERMIT (CGP). MAINTENANCE ITEMS SHALL BE CORRECTED WITHIN 24-HOURS. NONCOMPLIANCE ITEMS SHALL BE CORRECTED IMMEDIATELY. CORRECTIVE ACTION SHALL BE NOTED IN THE SWPPP ON THE APPROPRIATE LOG AND DOCUMENTED WITHIN 7-DAYS OF CORRECTION.

**POTENTIAL SOURCES OF POLLUTION**

POTENTIAL POLLUTANT MATERIAL	ACTUAL POLLUTANT SEDIMENT	POLLUTANT SOURCE	MANAGEMENT PRACTICE
SEDIMENT/TOTAL SUSPENDED SOLIDS	SEDIMENT	EROSION OF DISTURBED SOILS	MINIMIZE SOIL DISTURBANCE. INSTALL BMPs
SOILS STABILIZATION MATERIAL	VARIOUS MATERIALS BOTH FLOATABLE AND SOLUBLE	DISTURBED AREAS WHERE SLOPES OR SUSCEPTIBLE SOIL TYPES ARE EXPOSED	INSTALL SEDIMENT CONTROL BMPs
CONCRETE-WHITE/ SOLID GREY	LIMESTONE, SAND, PH, CHROMIUM	EXTRA CONCRETE WHEN POURING CONCRETE	CLEAN UP EXCESS AND EXTRA CONCRETE AND DISPOSE OF AT SPECIFIED LOCATION
OILS-BROWN OILY PETROLEUM AND HYDROCARBONS	MINERAL OIL, HYDRAULIC FLUID, MOTOR OIL, ETC.	VEHICLES AND EQUIPMENT USED IN CONSTRUCTION	NO OILS WILL BE CHANGED ON SITE. LEAKS WILL BE REPAIRED IMMEDIATELY. PAVING OPERATIONS WILL NOT BE PERFORMED WITHIN 8 HOURS OF EXPECTED STORMS EXCEEDING 0.5 INCH.
ASPHALT AND PAVING-BLACK SOLIDS	OIL AND PETROLEUM DISTILLATES	ASPHALT PAVING OPERATIONS	KEEP EQUIPMENT CLEAN AND WIPED DOWN
GREASE	GREASE AND LUBE OIL	VEHICLES AND EQUIPMENT USED IN CONSTRUCTION	FIX LEAKS IMMEDIATELY. REPAIRS WILL NOT BE MADE ON SITE.
ANTIFREEZE	ETHYLENE GLYCOL	ENGINE COOLANT	PUMP ON TO VEGETATED AREAS OR THROUGH A FILTER BAG
CONSTRUCTION DEWATERING	TSS/SEDIMENTS	DEWATERING ACTIVITIES	FUELING WILL NOT BE ALLOWED ON SITE UNLESS OVER AN IMPERMEABLE SURFACE WITH AN EMERGENCY CLEANUP KIT AT THE LOCATION
FUELS	BENZENE, ETHYL, BENZENE, TOLUENE, XYLENE, MTBE, PETROLEUM DISTILLATE, OILS/ GREASES, NAPHTHALEN, COL OIL	USED IN VEHICLES AND POWER EQUIPMENT	APPLICATION WILL BE PER MANUFACTURER INSTRUCTIONS EXCESS OR LEFT OVER PESTICIDES WILL BE IMMEDIATELY REMOVED FROM SITE
PESTICIDES AND INSECTICIDES, FUNGICIDES, HERBICIDES, AND RODENTICIDES	CHLORINATED HYDROCARBONS, ORANOPHOSPHATES, CARBAMATES, ARSENIC	USED FOR CONTROL OF PESTS DURING REVEGETATION	EXCESS COMPOUND WILL BE REMOVED FROM SITE
CONCRETE CURING COMPOUNDS - CREAMY WHITE LIQUID	NAPHTHA	USED TO CONTROL CURING AND SEALING OF CONCRETE	WASH WATER FROM CONCRETE TRUCKS WILL BE CONTAINED AT THE DESIGNATED SITE
CONCRETE WASHOUT WATER	PH	CONCRETE TRUCKS AND PUMP TRUCKS	REMOVE ALL TRASH FROM SITE DAILY. DO NOT DISPOSE OF TRASH IN HOLES OR TRENCHES
TRASH	SOLID WASTES	TRASH LEFT OVER FROM CONSTRUCTION ACTIVITIES	PUBLIC RESTROOMS ARE AVAILABLE ON SITE AND WILL BE AVAILABLE TO CONSTRUCTION WORKERS
SANITARY WASTE MANAGEMENT	BACTERIA, PARASITES, VIRUSES	FECAL COLIFORM BACTERIA ASSOCIATED WITH HUMAN OR ANIMAL WASTES	APPLICATION WILL BE PER MANUFACTURER INSTRUCTION. EXCESS WILL BE PROMPTLY REMOVED FROM SITE
FERTILIZERS - LIQUID AND SOLID GRAIN	NITROGEN, PHOSPHORUS	FERTILIZERS USED IN RESTORING VEGETATION	

**ENDANGERED SPECIES**

THERE ARE NO KNOW ENDANGERED SPECIES ASSOCIATED WITH THIS SITE.

**HISTORIC PRESERVATION**

THERE ARE NO KNOW HISTORIC SITES ASSOCIATED WITH THIS PROJECT.

**GENERAL LOCATION MAP**

FOR THE GENERAL LOCATION MAP, SEE COVER SHEET.

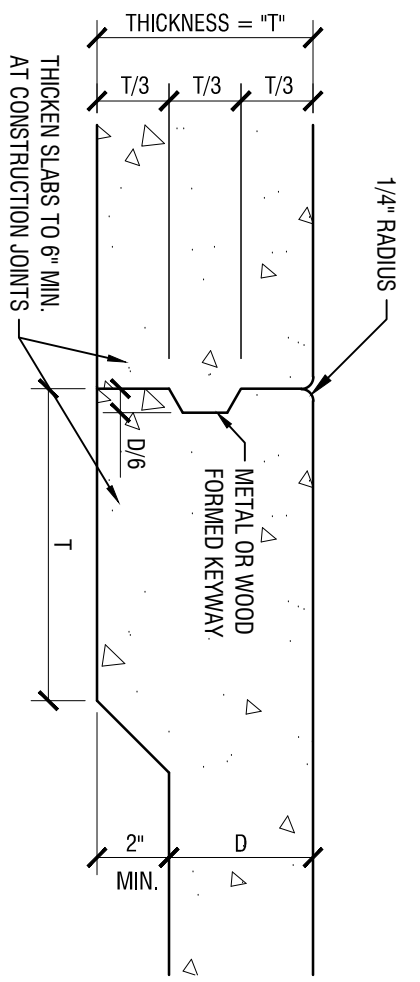


PROJECT #: 816099  
 DRAWN BY: PHILLIPS  
 CHECKED BY: ANDERSON  
 ISSUED: 10/04/16

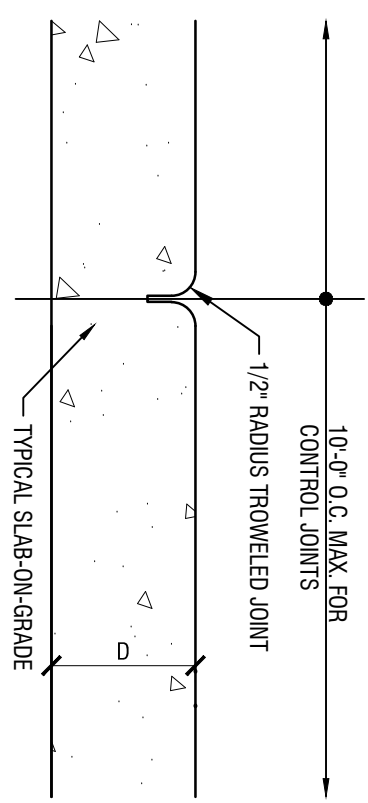
MARK	DATE	DESCRIPTION
	10-4-16	ADDENDUM #4

**BRIDGER PARK PICKLEBALL COURTS**  
 1181 N 400 W, LOGAN, UT 84321  
 LOGAN CITY  
 195 S 100 W, LOGAN, UT 84321

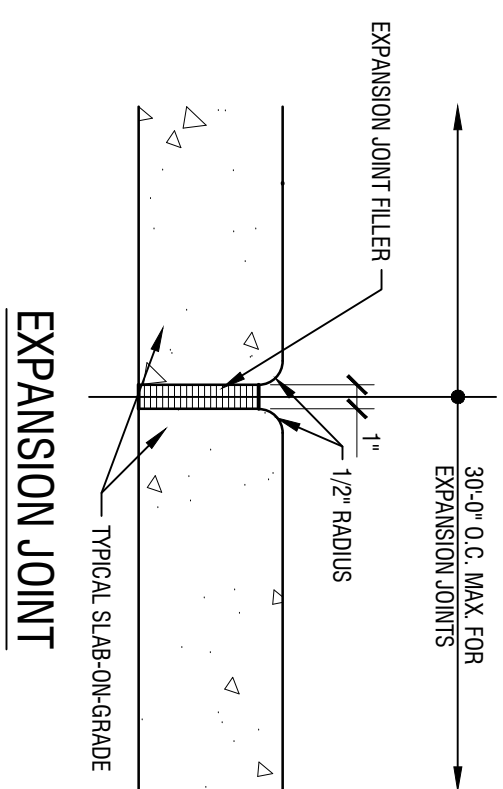
**design west | architects**  
 255 SOUTH 300 WEST LOGAN UT 84321  
 795 NORTH 400 WEST SALT LAKE CITY UT 84103



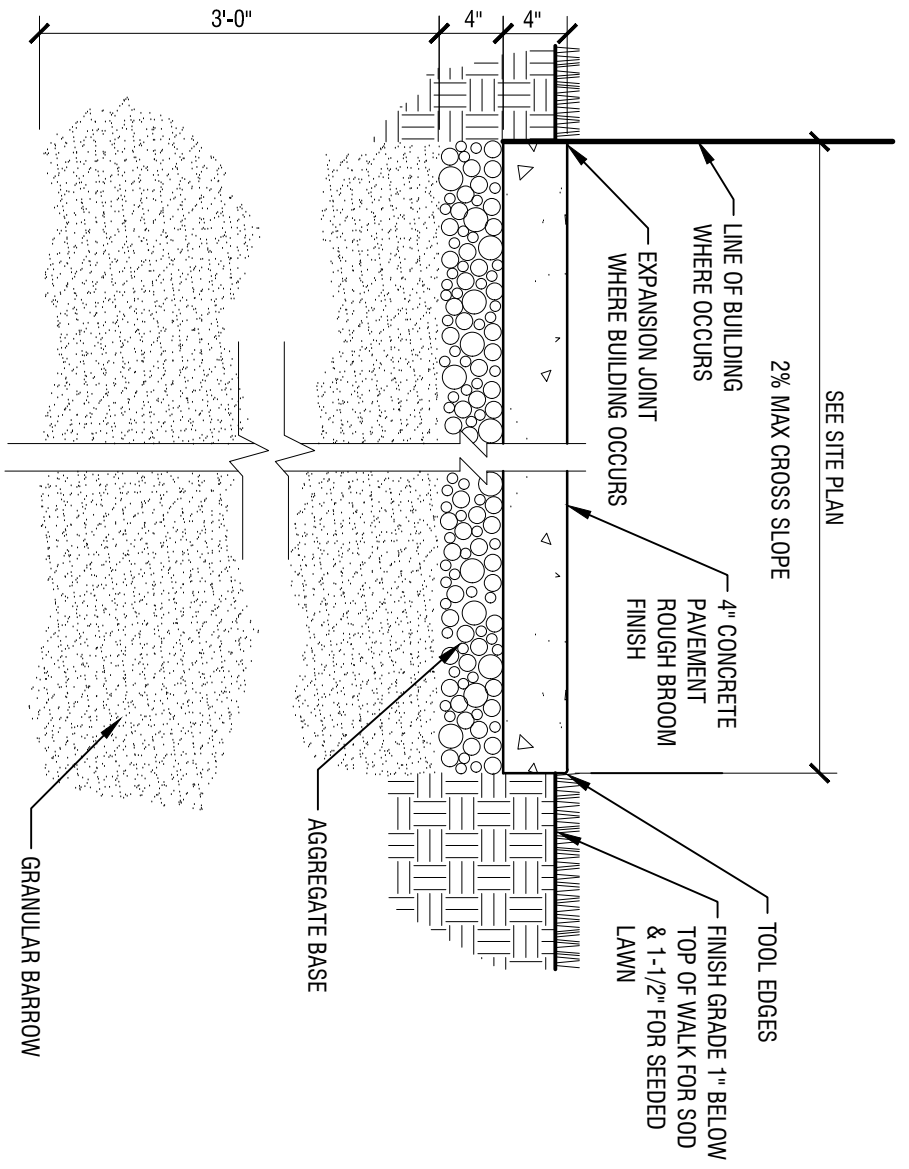
CONSTRUCTION JOINT



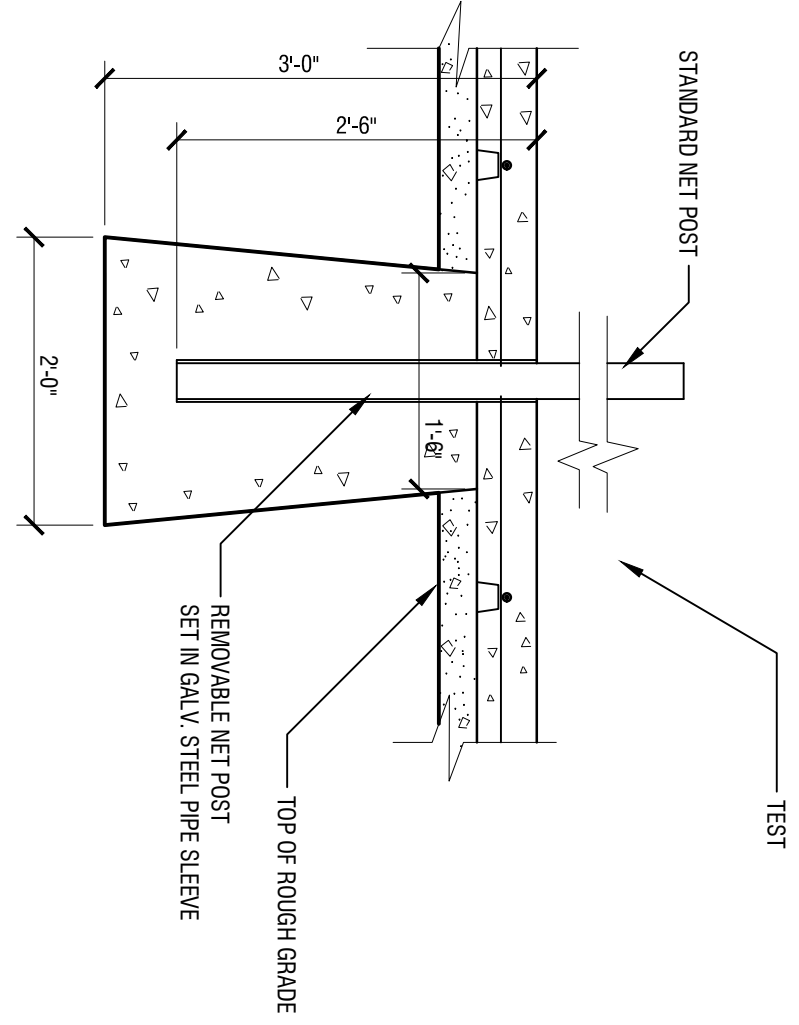
CONTROL JOINT



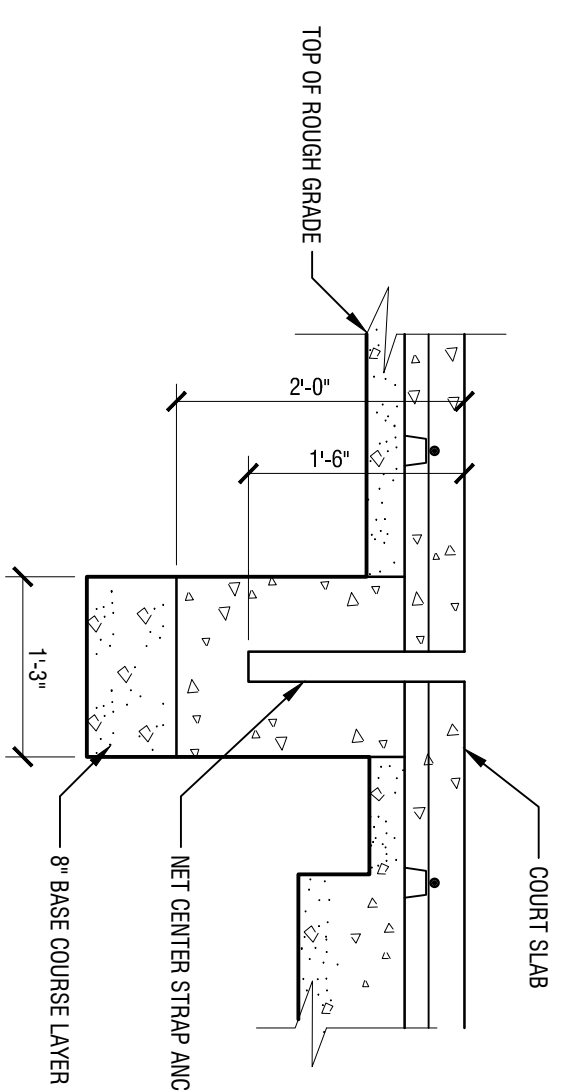
EXPANSION JOINT



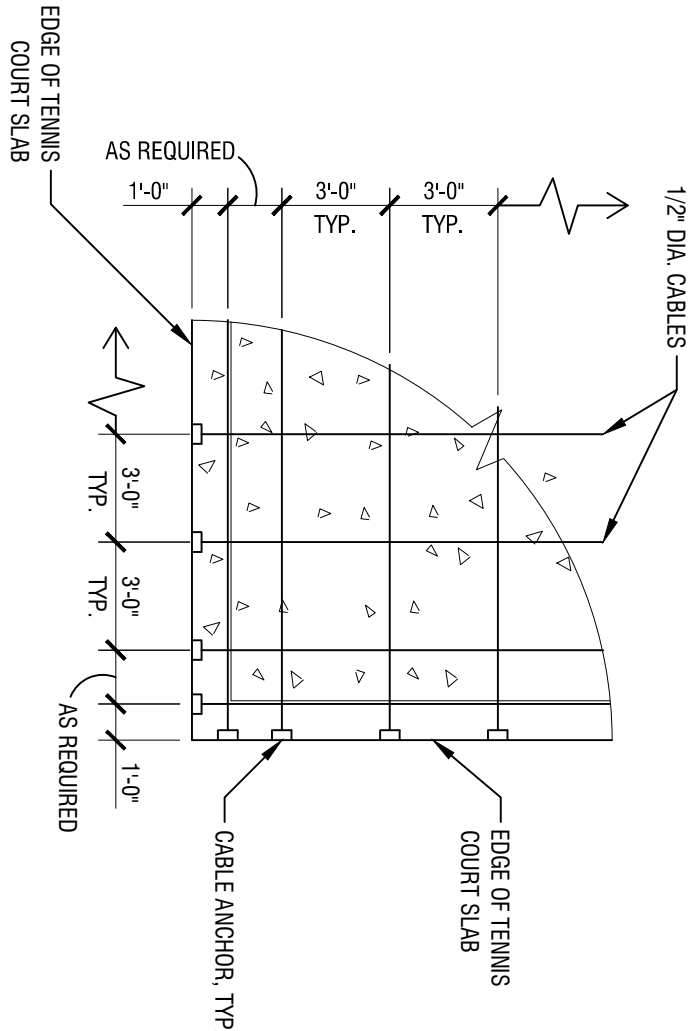
1 CONCRETE WALK



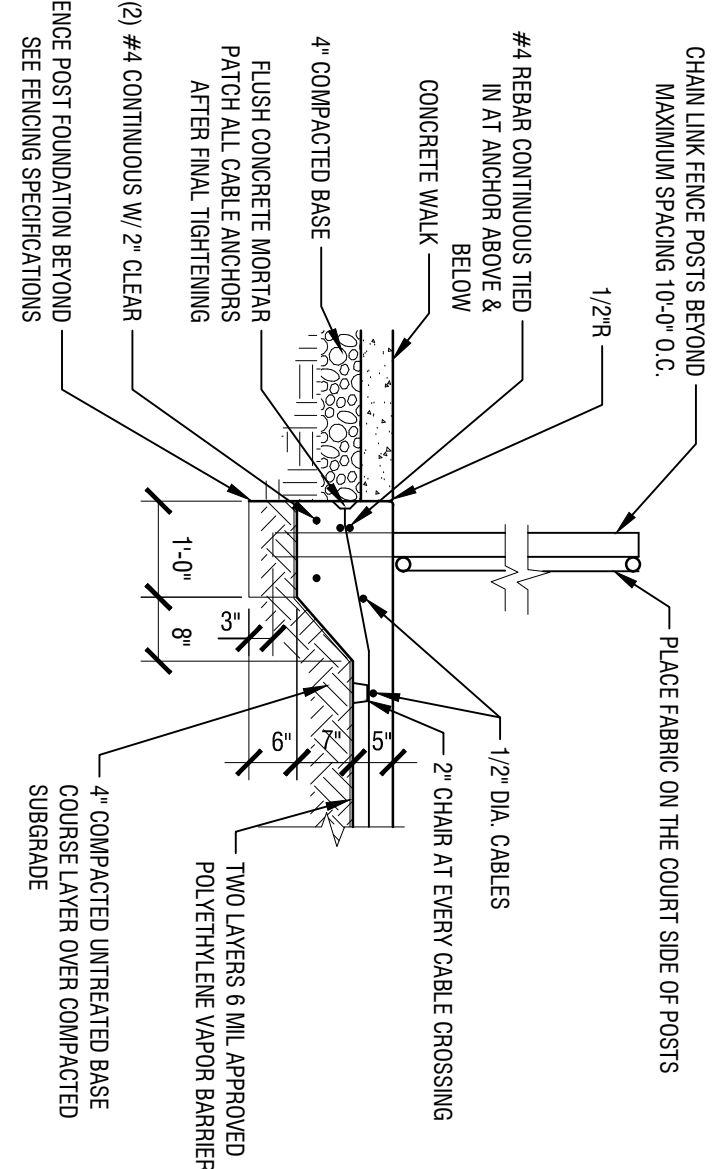
2 TYPICAL NET POST FOUNDATION



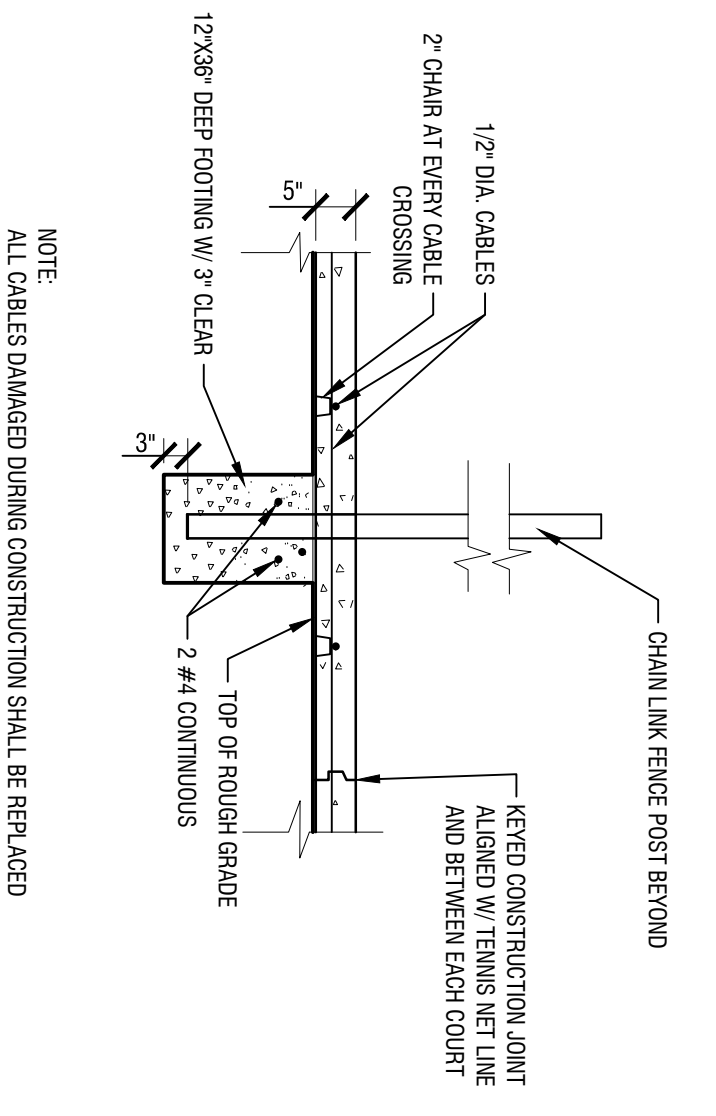
3 TYPICAL NET CENTER STRAP ANCHOR



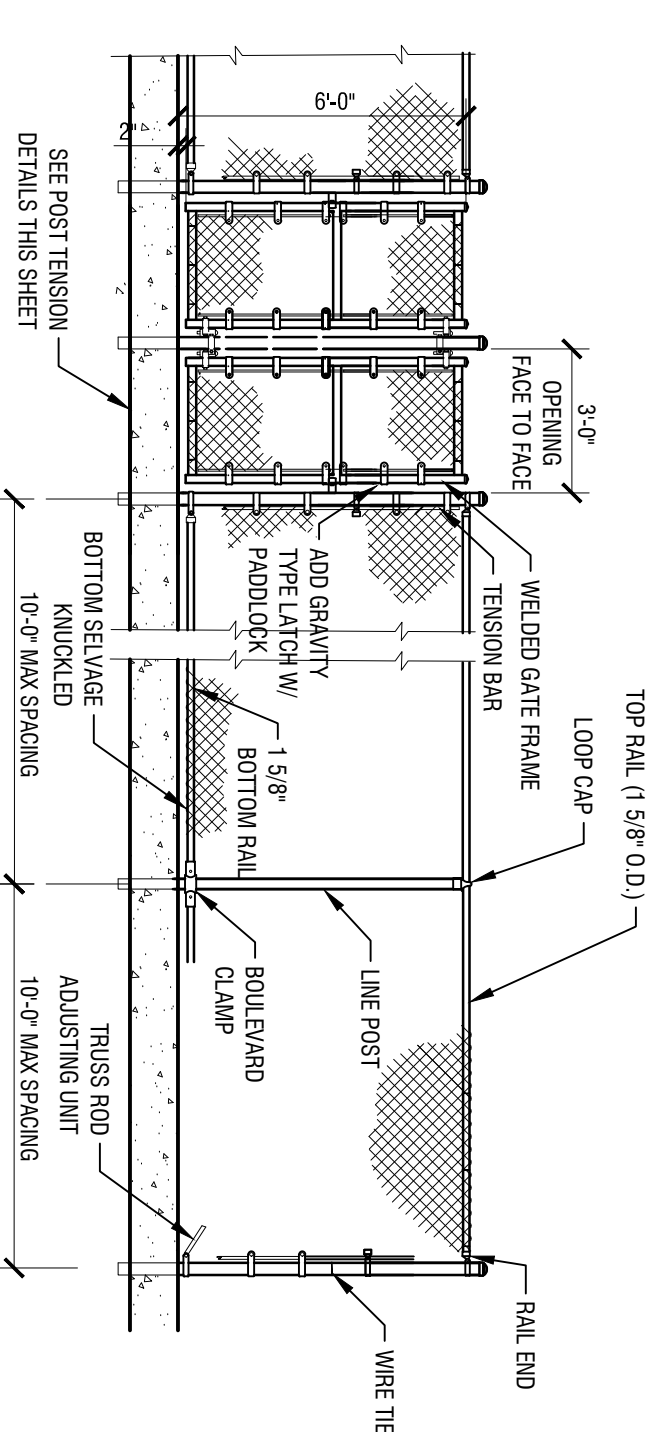
4 TYPICAL CABLE LAYOUT



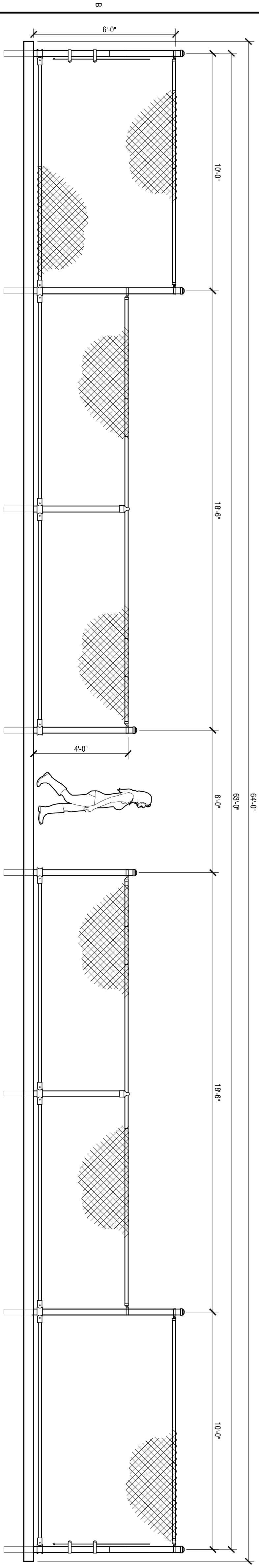
6 TYPICAL PERIMETER BEAM SECTION



7 TYPICAL SLAB SECTION



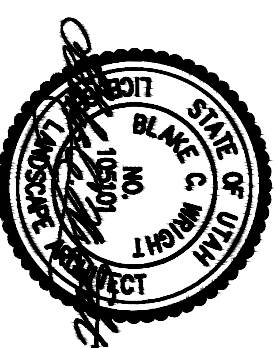
8 PICKLEBALL FENCE DETAIL



9 PICKLEBALL INSIDE FENCE

MARK	DATE	DESCRIPTION
	10.04.2016	UPDATED BID SET

PROJECT #: 816069  
 DRAWN BY: HISLOP  
 CHECKED BY: WRIGHT  
 ISSUED: 10/04/16



SITE DETAILS

C-5.1

**BRIDGER PARK PICKLEBALL COURTS**  
 1181 N 400 W, LOGAN, UT 84341  
 LOGAN CITY  
 195 S 100 W, LOGAN, UT 84321

**design west | architects**  
 255 SOUTH 300 WEST LOGAN UT 84321  
 795 NORTH 400 WEST SALT LAKE CITY UT 84103



<p><b>SECTION 02751 CONCRETE FINISHING</b></p>	<p><b>BRIDGE PICKLEBALL COURTS LOGAN CITY</b></p>	<p><b>SECTION 31200 EARTHWORK</b></p>
<p><b>1.1 SUMMARY</b></p> <p>A. The Section includes concrete paving for courts, paths, walkways and pavement.</p>	<p><b>1.1 SUMMARY</b></p> <p>A. The Section includes concrete paving for courts, paths, walkways and pavement.</p>	<p><b>1.1 SUMMARY</b></p> <p>A. The Section includes concrete paving for courts, paths, walkways and pavement.</p>
<p><b>1.2 SUBPARTS</b></p> <p>A. For each manufactured material and product indicated.</p>	<p><b>1.2 SUBPARTS</b></p> <p>A. For each manufactured material and product indicated.</p>	<p><b>1.2 SUBPARTS</b></p> <p>A. For each manufactured material and product indicated.</p>
<p><b>1.3 QUALITY ASSURANCE</b></p> <p>A. Manufacturer/Qualities: Manufacturer of ready-mix concrete products complying with ASTM C 94 requirements for production, handling and equipment.</p>	<p><b>1.3 QUALITY ASSURANCE</b></p> <p>A. Manufacturer/Qualities: Manufacturer of ready-mix concrete products complying with ASTM C 94 requirements for production, handling and equipment.</p>	<p><b>1.3 QUALITY ASSURANCE</b></p> <p>A. Manufacturer/Qualities: Manufacturer of ready-mix concrete products complying with ASTM C 94 requirements for production, handling and equipment.</p>
<p><b>2.1 STEEL REINFORCEMENT</b></p> <p>A. Welded Wire Fabric: ASTM A 185, fabricated from six-strand steel wire with bar chairs.</p>	<p><b>2.1 STEEL REINFORCEMENT</b></p> <p>A. Welded Wire Fabric: ASTM A 185, fabricated from six-strand steel wire with bar chairs.</p>	<p><b>2.1 STEEL REINFORCEMENT</b></p> <p>A. Welded Wire Fabric: ASTM A 185, fabricated from six-strand steel wire with bar chairs.</p>
<p><b>2.2 FORMS</b></p> <p>A. Forms: Sheet, wood, or other suitable material of size and strength to resist movement during concrete placement and to retain thickness and vertical alignment until removal. Use straight forms, true of surface.</p>	<p><b>2.2 FORMS</b></p> <p>A. Forms: Sheet, wood, or other suitable material of size and strength to resist movement during concrete placement and to retain thickness and vertical alignment until removal. Use straight forms, true of surface.</p>	<p><b>2.2 FORMS</b></p> <p>A. Forms: Sheet, wood, or other suitable material of size and strength to resist movement during concrete placement and to retain thickness and vertical alignment until removal. Use straight forms, true of surface.</p>
<p><b>2.3 CONCRETE MATERIALS</b></p> <p>A. Concrete Materials: Comply with requirements of applicable Division 2 sections for concrete materials, admixtures, bonding materials, curing materials, and others as required.</p>	<p><b>2.3 CONCRETE MATERIALS</b></p> <p>A. Concrete Materials: Comply with requirements of applicable Division 2 sections for concrete materials, admixtures, bonding materials, curing materials, and others as required.</p>	<p><b>2.3 CONCRETE MATERIALS</b></p> <p>A. Concrete Materials: Comply with requirements of applicable Division 2 sections for concrete materials, admixtures, bonding materials, curing materials, and others as required.</p>
<p><b>2.4 RELATED MATERIALS</b></p> <p>A. Expansion and Isolation Joint Material: ASTM D 1751, asphalt-saturated cold-chamber filler, or ASTM D 1752, cork or seal-expanding cork.</p>	<p><b>2.4 RELATED MATERIALS</b></p> <p>A. Expansion and Isolation Joint Material: ASTM D 1751, asphalt-saturated cold-chamber filler, or ASTM D 1752, cork or seal-expanding cork.</p>	<p><b>2.4 RELATED MATERIALS</b></p> <p>A. Expansion and Isolation Joint Material: ASTM D 1751, asphalt-saturated cold-chamber filler, or ASTM D 1752, cork or seal-expanding cork.</p>
<p><b>2.5 CONCRETE MIXES AND WORK</b></p> <p>A. Concrete Mixes: Prepare design mixes, proportioned according to ACI 211.1 and ACI 301, with the following:</p>	<p><b>2.5 CONCRETE MIXES AND WORK</b></p> <p>A. Concrete Mixes: Prepare design mixes, proportioned according to ACI 211.1 and ACI 301, with the following:</p>	<p><b>2.5 CONCRETE MIXES AND WORK</b></p> <p>A. Concrete Mixes: Prepare design mixes, proportioned according to ACI 211.1 and ACI 301, with the following:</p>
<p><b>3.1 INSTALLATION</b></p> <p>A. Surface Preparation: Field-aid prepared base, and remove loose material from surface.</p>	<p><b>3.1 INSTALLATION</b></p> <p>A. Surface Preparation: Field-aid prepared base, and remove loose material from surface.</p>	<p><b>3.1 INSTALLATION</b></p> <p>A. Surface Preparation: Field-aid prepared base, and remove loose material from surface.</p>
<p><b>3.2 FINISHES AND CURING</b></p> <p>A. Road Finish: Begin the second finishing operation when bleed-water sheen has disappeared and the concrete surface has sufficient stability to permit operations. Road surfaces to be finished with gyps below (foot-curing, unsealed, straightgrade) not to exceed 1/4 inch. Cut from high spots, and in low</p>	<p><b>3.2 FINISHES AND CURING</b></p> <p>A. Road Finish: Begin the second finishing operation when bleed-water sheen has disappeared and the concrete surface has sufficient stability to permit operations. Road surfaces to be finished with gyps below (foot-curing, unsealed, straightgrade) not to exceed 1/4 inch. Cut from high spots, and in low</p>	<p><b>3.2 FINISHES AND CURING</b></p> <p>A. Road Finish: Begin the second finishing operation when bleed-water sheen has disappeared and the concrete surface has sufficient stability to permit operations. Road surfaces to be finished with gyps below (foot-curing, unsealed, straightgrade) not to exceed 1/4 inch. Cut from high spots, and in low</p>

BRIDGE PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84341

LOGAN CITY

195 S 100 W, LOGAN, UT 84321

design west architects

255 NORTH 300 WEST LOGAN UT 84321

795 SOUTH 400 WEST SALT LAKE CITY UT 84103

MARK: **20**

DATE: **10.04.2016**

PROJECT #: **816069**

DRAWN BY: **HLSLOP**

CHECKED BY: **WRIGHT**

ISSUED: **10/04/16**

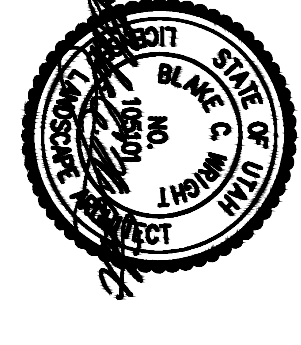
PROJECT: **BRIDGE PARK PICKLEBALL COURTS**

DATE: **10.04.2016**

DESCRIPTION: **UPDATED BID SET**

SHEET: **C-6.0**

SPECIFICATIONS



SECTION 312500  
EMERSON CONCRETE

**PART 1 - GENERAL**  
**1.1 SUMMARY**  
 A. This Section covers the work required for concrete coated fabric construction. Any local or State Agency requirements not included are to be included in the project specifications.

B. Obtain the National Product Discharge Emission System (NPDES) Permit for storm water discharge associated with construction activity.  
 C. Obtain a NPDES Storm Water General Permit for Construction Activities (Permit AUTHN 00000) or an alternate individual permit. Applications are available online at [www.waterquality.ca.gov/NPDESsummit/](http://www.waterquality.ca.gov/NPDESsummit/).

**PART 2 - PRODUCTS**  
**2.1 SILT FENCE**  
 A. Silt fence shall be a woven fabric that meets the following criteria:  
 Property | Unit | Test Method | Values  
 Open Strength | 60 | ASTM D-452 | 30 lbf  
 Weight | lb/yd<sup>2</sup> | ASTM D-481 | 15 lb/yd<sup>2</sup>  
 Ultraviolet Stability | % | ASTM D-455 | 70% min

**PART 3 - EXECUTION**  
**3.1 ERECTION**  
 A. Silt fence shall be erected in accordance with state and federal laws. The placement of silt fence shall be determined by the contractor and approved by the local health department. Silt fence shall be installed in accordance with the following:  
 B. Silt fence shall be installed in accordance with the following:  
 C. Silt fence shall be installed in accordance with the following:  
 D. Silt fence shall be installed in accordance with the following:  
 E. Silt fence shall be installed in accordance with the following:  
 F. Silt fence shall be installed in accordance with the following:  
 G. Silt fence shall be installed in accordance with the following:  
 H. Silt fence shall be installed in accordance with the following:  
 I. Silt fence shall be installed in accordance with the following:  
 J. Silt fence shall be installed in accordance with the following:  
 K. Silt fence shall be installed in accordance with the following:  
 L. Silt fence shall be installed in accordance with the following:  
 M. Silt fence shall be installed in accordance with the following:  
 N. Silt fence shall be installed in accordance with the following:  
 O. Silt fence shall be installed in accordance with the following:  
 P. Silt fence shall be installed in accordance with the following:  
 Q. Silt fence shall be installed in accordance with the following:  
 R. Silt fence shall be installed in accordance with the following:  
 S. Silt fence shall be installed in accordance with the following:  
 T. Silt fence shall be installed in accordance with the following:  
 U. Silt fence shall be installed in accordance with the following:  
 V. Silt fence shall be installed in accordance with the following:  
 W. Silt fence shall be installed in accordance with the following:  
 X. Silt fence shall be installed in accordance with the following:  
 Y. Silt fence shall be installed in accordance with the following:  
 Z. Silt fence shall be installed in accordance with the following:

**END OF DOCUMENT 312500**

SECTION 31822  
HOT MIX ASPHALT PAVING

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 The Short Language Version (SLV) Section was condensed from the updated Basic Version Section of the same title and number. See Basic Sections Cover for changes from the previous edition of this Section.  
**PART 1 - GENERAL**  
**1.1 SUMMARY**  
 A. Section includes:  
 1. Asphalt paving to be used in conjunction with the parking deck.

**1.2 SUBMITTALS**  
 A. Material Certificates issued by material producer and Contractor, certifying that each material item complies with, or exceeds, specified requirements.  
**1.3 QUALITY ASSURANCE**  
 A. Comply with State Highway or Transportation Department standard specifications, latest edition and with local governing regulations if more stringent than herein specified.  
**1.4 SITE CONDITIONS**  
 A. Weather Limitations: Apply prime and tack coats when ambient temperature is above 50 deg F and when temperature has not been below 55 deg F for 12 hours immediately prior to application. Do not apply when there is wet or contains an excess amount of moisture.  
**1.5 MATERIALS**  
 A. Asphalt shall have a maximum aggregate size of 1/2 inch or 5/8 inches and meet UDOT specifications.  
 B. Prime Coat: Establish and maintain required lines and elevations.  
**2.1 ASPHALT MATERIAL**  
 A. Asphalt shall have a maximum aggregate size of 1/2 inch or 5/8 inches and meet UDOT specifications.  
**2.2 MIXES**  
 A. Hot Mix Asphalt: Dense, hot-dry, hot mix asphalt pavers approved by authorities having jurisdiction. Design and production processes in accordance with UDOT 908 Superpave and comply with the following requirements:  
 1. Provide mixes with a history of satisfactory performance in geographical areas where projects located.  
**3.1 SURFACE PREPARATION**  
**3.1.1 ERECTION**  
 A. Product of preparation shall be using heavy pneumatic-tired rollers to locate areas that are unsuitable or that require further preparation.  
 B. Place gradeable fabric, ERT-031551 by Propp, between subgrade and road base.  
 C. Immediately before placing asphalt materials, remove loose and deleterious material from substrate surfaces. Ensure that required substrate is ready to receive paving.  
**3.1.2 FINISH**  
 A. Product of preparation shall be using heavy pneumatic-tired rollers to locate areas that are unsuitable or that require further preparation.  
 B. Place gradeable fabric, ERT-031551 by Propp, between subgrade and road base.  
 C. Immediately before placing asphalt materials, remove loose and deleterious material from substrate surfaces. Ensure that required substrate is ready to receive paving.  
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**END OF SECTION 31822**

SECTION 321840  
PICKLEBALL, TENNIS/NETS AND EQUIPMENT

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**END OF SECTION 321840**

SECTION 322000  
POST-TENSIONED CONCRETE FLOORS

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**END OF SECTION 322000**

SECTION 322500  
CONCRETE FORMWORK

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**END OF SECTION 322500**

SECTION 323000  
CONCRETE REINFORCEMENT

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**END OF SECTION 323000**

SECTION 323500  
CONCRETE CURING

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MARK: **20**

DATE: 10.04.2016

DESCRIPTION: UPDATED BID SET

PROJECT #: 816069

DRAWN BY: HSILOP

CHECKED BY: WRIGHT

ISSUED: 10/04/16

# BRIDGER PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84341

LOGAN CITY

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