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.

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. <u>Drawings</u>

Attached updated Drawings replace all previous Drawings.



PROPOSAL

Bids will be received at the	office of the	Purchasing	Agent	of the	City o	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



CITY OF LOGAN 195 SOUTH 100 WEST LOGAN, UTAH 84321 PHONE: 435-716-9250

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

CACHE LANDMARK 1011 W 400 N #130 LOGAN, UTAH 84321 PHONE: 435-713-0099

BEAZER ENGINEERING 525 EAST 3700 SOUTH MILLVILLE, UTAH 84326 PHONE: 435-753-1250

mphillips@cachelandmark.com CONTACT: MATT PHILLIPS

david@beazer-engineering.com CONTACT: DAVID BEAZER

LANDSCAPE ARCHITECT

russakina@loganutah.org CONTACT: RUSS AKINA

Щ 1181 N 400 W, \Box RSPE(LOGAN, 84321

中国企为 **VICINITY MAP**

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		SITE SPECIFICATIONS	SITE SPECIFICATIONS	SITE DETAILS	SWPP INFORMATION PLAN	SITE GRADING & UTILITY PLAN	SITE LAYOUT PLAN	SITE SURVEY	COVER / SHEET INDEX	TITLE

SHEET

INDEX

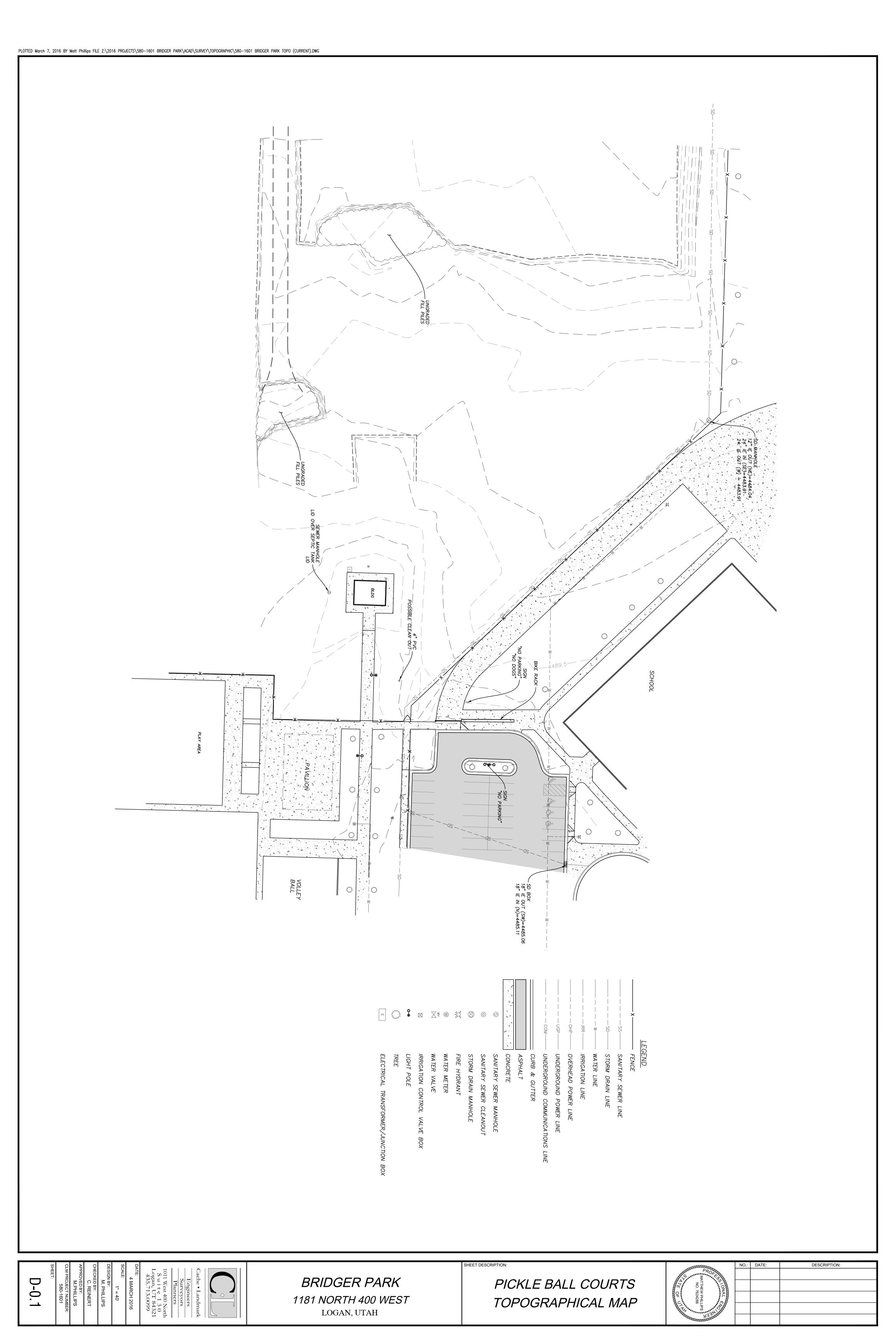
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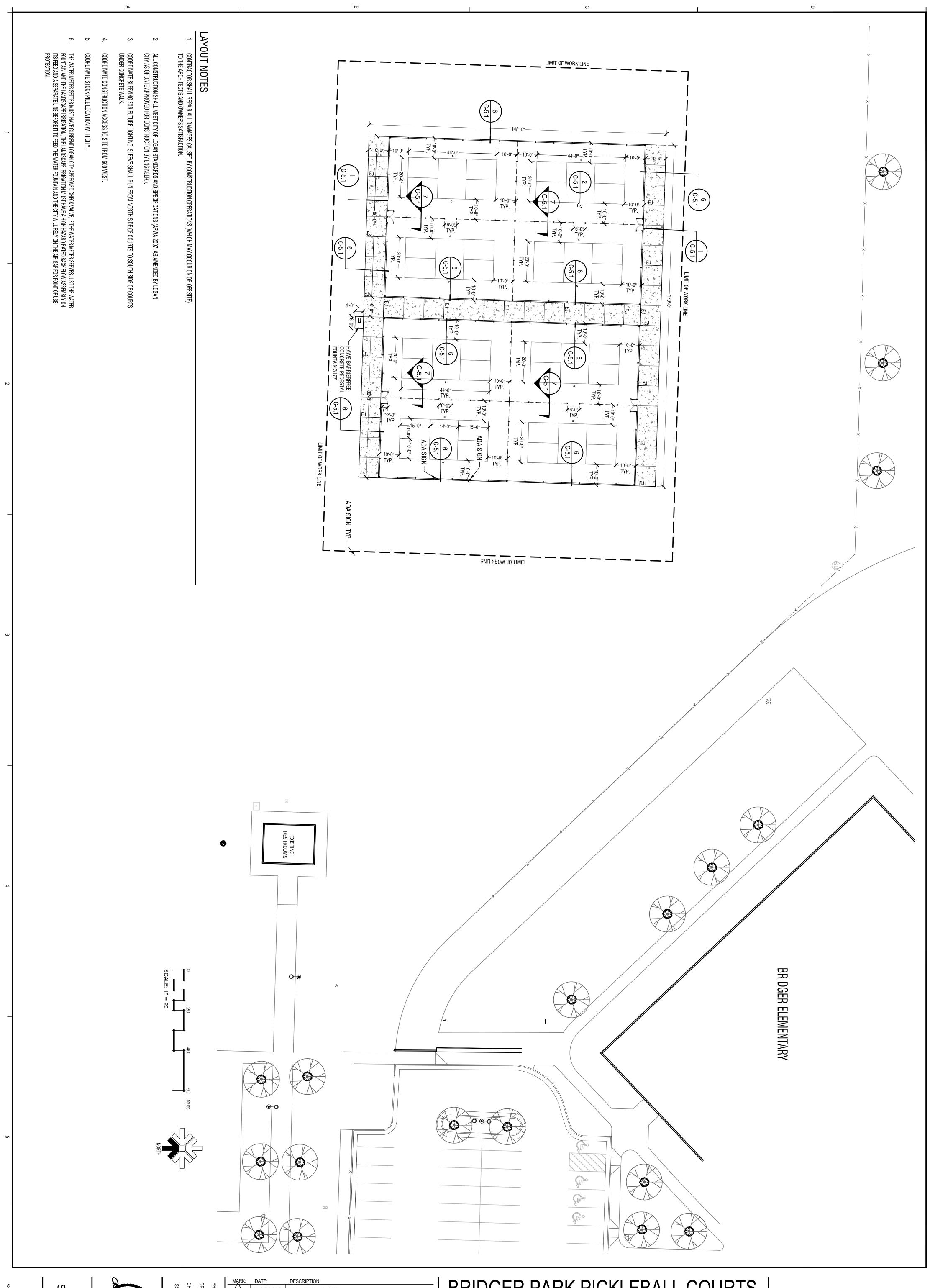
NSTRUCTION DOCUMENTS

CHECKED BY:	DRAWN BY:	PROJECT#:	MARK:	DATE: 10.04.2016	DESCRIPTION: UPDATED BID SET
WRIGHT	HISLOP	816069			

BRIDGER PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84341 LOGAN CITY 195 S 100 W, LOGAN, UT 84321





SITE LAYOUT PLAN



PROJECT #:
DRAWN BY:
CHECKED BY: HISLOP WRIGHT

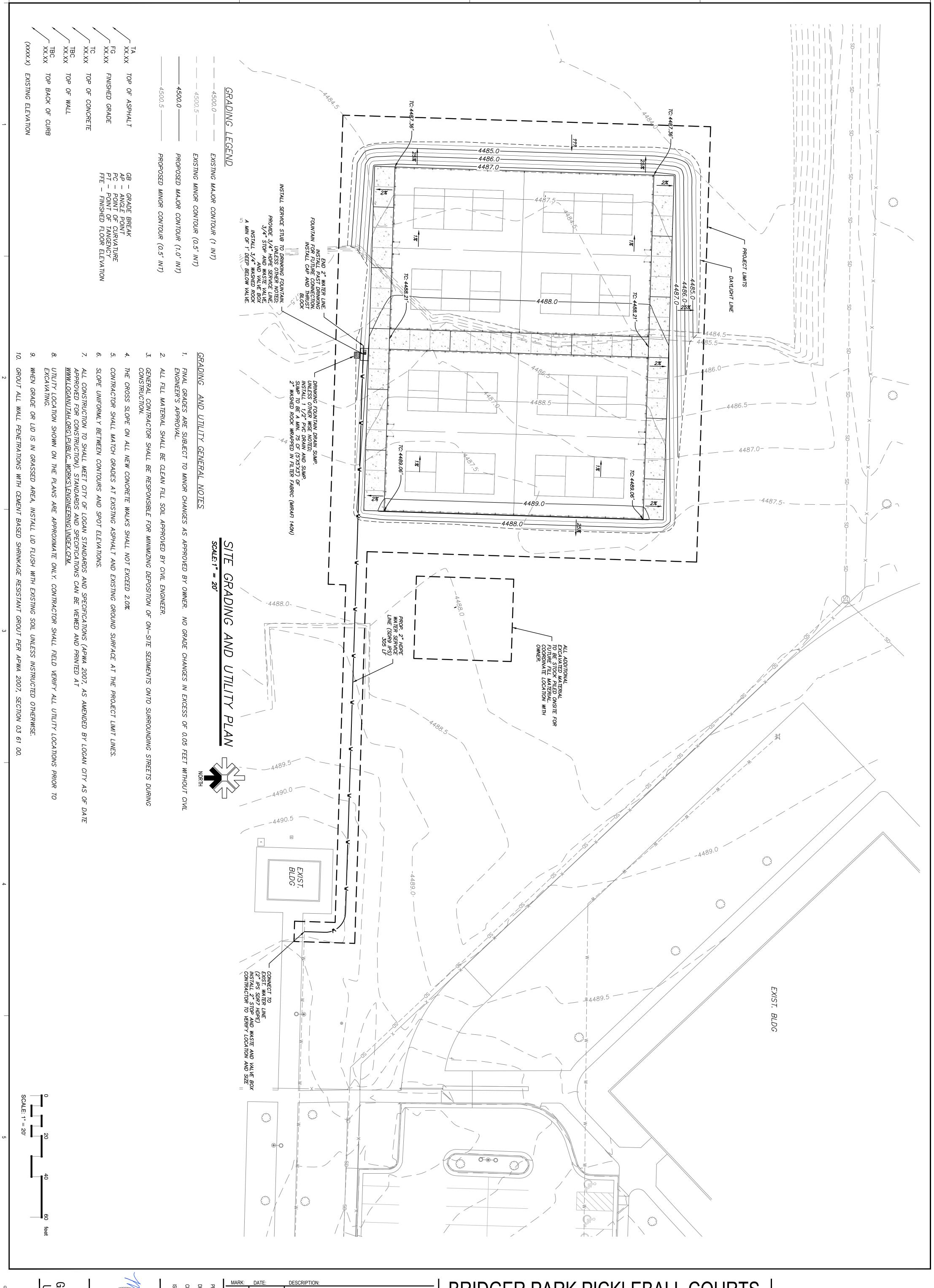
10.04.2016 UPDATED BID SET

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



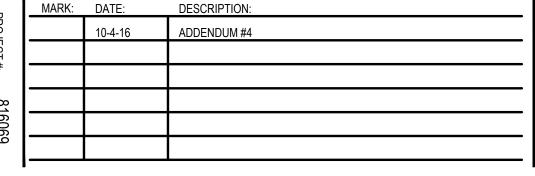


PROJECT #: 816069

DRAWN BY: PHILLIPS

CHECKED BY: ANDERSON

ISSUED: 10/04/16



BRIDGER PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84321

LOGAN CITY 195 S 100 W, LOGAN, UT 84321 255 SOUTH 300 WEST LOGAN UT 84321 795 NORTH 400 WEST SALT LAKE CITY UT 84103 CONS

TRUCTION

SITE

STIMA

DRAINAGE AREA: 0.95 ACRES
CONSTRUCTION SITE AREA TO BE DISTURBED: 0.95 ACH
TOTAL PROJECT AREA: 0.95 ACRES
PERCENT IMPERVIOUS AREA BEFORE CONSTRUCTION: AND PERCENT IMPERVIOUS AREA AFTER CONSTRUCTION: APERUNOFF COEFFICIENT BEFORE CONSTRUCTION; 70
RUNOFF COEFFICIENT AFTER CONSTRUCTION: 87
DETENTION PROVIDED: 0 ACRE-FEET

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ACRES

THERE ARE NO AS DETERMINED

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ENGINEER.

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PROJECT

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FEATURES AND SITE

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PROJECT IS THE NO WETLANDS ON

N NORTHWEST SITE

FIELD

IRRIGA TION

SITE ORMA EVALUATION, NOIT \mathcal{P} \bigcirc SE SSMENT, TION \mathcal{P} 80 PL

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

D

CONTACT INFORMATION AND E EARTH) 111°50'45"

195 SOUTH 100 W LOGAN, UT 84321 PROJECT MANAGER: R: LOGAN PARKS AKINA 716-9240

LOGAN 195 SOI SS AKINA GAN CITY PARKS AND I 5 SOUTH 100 WEST GAN, UT 84321 STORMWATER 716-.9240 RECREATION

STEPHEN CITY LIGHT CROSBY (435) COMPANY AND POWER 716-9745

 \circ

LOGAN

HIGBEE

HIGBEE (435)

WORKS 994-

INSPECTOR

0433

(435) (435)

716-

-9167

435-7341

QUESTAR GAS CO CENTURY LINK (385) (801) 245-230--5843

STORMWATER MANAGER

CONTRACTOR TBD CONTRACTOR TBD CONTACT/STORMWATER INSPEC.

NA TURE AND SEQUENCE QF CONSTRUCTION

LOGAN CITY IS GOING TO CONSTRUCT PICKLEBALL COURTS
BEST MANAGEMENT PRACTICES (BMPS) FOR ALL OF THE ACTIVITIES WILL BE APPLIED
SITE WHEN NECESSARY AND MONITORED BY THE CONTRACTOR'S STORM WATER MANAG
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 MANAGER

S0/LS, SLOPES, VEGETA TION, AND CURRENT DRAINAGE PASUBJECT

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 SUBTO EROSION IN THEIR PRE—CONSTRUCTION CONDITION. DRAINAGE PATTERNS: DRAINAGE PATTERNS ARE FROM EAST TO WEST AS SHOWN IN THE PROFILE. VEGETATION: VEGETATION GRASS.

MANAGEMENT

1. SWEEPING OF ROADS AND PARKING LOTS: SWEEPING OF THE ROADS AND PARKING LOTS EFFECTED 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 OR GENERAL CONSTRUCTION PERMIT WOLATIONS. OR (

2. GRASS SEED PLANTING OF GICONSTRUCTION.
ON THE PLANS. SEED REVEGETATION: REVEGETATION AT ROADWAY SHOULDER SHALL CONSIST OF THE OF GRASS SEEDS AS PROVIDED BY LOGAN CITY OVER ALL AREAS DISTURBED WITH TION. THE PLANTING SHALL CONSIST OF BROADCAST SPREADING AT THE DENSITY SPE

3. GRASS FROM A L S SOD: ESTABLISHED PARKSTRIPS SHALL BE PERMANENTLY STABILIZED BY SOD, PUI LOCAL VENDOR. CONTRACTOR SHALL MONITOR THE SOD UNTIL IT HAS ESTABLISHED. PURCHASED

EROSION PROTECTION (IF APPLICABLE): SLOPES SHALL BE PROTECTED FROM EROSION

THE FOLLOWING . SLOPES WITH G SLOPES WITH G WITH GRADES UP TO 4H: 1V: HYDROSEEDING WITH A TACKIFIER IS ALLOWED.
WITH GRADES STEEPER THAN 4H:1V: USE COCONUT FIBER EROSION CONTROL MATTING. ASSUMPTIONS:

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 FWATER AROUND THE INLET TO SETTLE SEDIMENTS AND FILTER WATER THROUGH THE GRAVEL BAGS, FURTHER REMOVING SEDIMENT. THIS BMP IS CLEANED AFTER EVERY STORM. POND

ASPHALT AND PAVING-BLACK SOLIDS

91

AND PETROLEUM DISTILLAGES

ASPHALT PAVING OPERATIONS

PAVING OPERATIONS WILL NOT BE PERFORMED WITHIN 8 HOURS OF EXPECTED STORMS EXCEEDING 0.5 INCH.

OILS—BROWN OILY PETROLEUM AND HYDROCARBONS

AL OIL, HYDRAULIC , MOTOR OIL, ETC.

VEHICLES AND EQUIPMENT USED CONSTRUCTION

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NO OILS WILL BE CHANGED ON SITE, LEAKS WILL BE REPAIRED IMMEDIATELY.

6. PORTABLE
WORKERS ON
NOT NEAR A
CLEANED UP I
FACILITIES SHA SER VICED BLE TOILETS: PORTABLE TOILET FACILITY SHALL BE PROVIDED BY THE CONTRACTOR FOR ON THIS PROJECT. THE PORTABLE TOILET SHALL BE PLACED AT A SUITABLE LOCATION THAT R A STORM DRAIN INLET OR CURB AND GUTTER AND WHERE ANY SPILLS MAY BE EASILY UP WITHOUT RISK TO PEOPLE OR THE ENVIRONMENT. ADDITIONALLY, THE PORTABLE S SHALL BE STAKED DOWN PER MANUFACTURERS INSTRUCTION. THE FACILITY SHALL BE BY THE PROVIDER AT LEAST WEEKLY.

AND DISPOSED OF DAILY GARBAGE CLEANUP: CONTRACTOR SHALL MAINTAIN CONSTRUCTION SITE CLEAN OF ID DEBRIS. GARBAGE, TRASH, AND DEBRIS SHALL BE CLEANED UP DAILY AND REMOVED FOR THE DISPOSED OF AT AN APPROVED GARBAGE DISPOSAL SITE. F ALL FROM

CONSTRUCTION DEWATERING

TSS/SEDIMENTS

DEWA TERING

ACTIVITIES

PUMP ONTO VEGETATED AREAS OR THROUGH A FILTER BAG

BENZENE, ETHYL,
BENZENE, TOULENE,
XYLENE, MTBE,
PETROLEUM DISTALLATE,
OILS/ GREASES,
NAPHTHALEN, COL OIL

USED IN VEHICLES AND POWER EQUIPMENT

FUELING WILL NOT BE
ALLOWED ON SITE
UNLESS OVER AN
IMPERMEABLE SURFACE
WITH AN EMERGENCY
CLEANUP KIT AT THE
LOCATION

PETROL

AN TIFREEZE

ETHYLENE

CL YCOL

ENGINE

COOLANT

FIX LEAKS IMMEDIATELY REPAIRS WILL NOT BE MADE ON SITE

GREASE

GRE,

AND

LUBE

VEHICLES AND EQUIPMENT USED CONSTRUCTION

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KEEP EQUIPMENT CLEAN AND WIPED DOWN

8. DUST CONTROL: CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO MINIMIZE DUST ON THIS DURING CONSTRUCTION THROUGH THE UTILIZATION OF WATER OR OTHER APPROPRIATE MEASURES. DUST IS NOT ALLOWED.

T FENCE: SILT FENCE MAY BE USED AS A PERIMETER BARRIER INSTALLED A SUFFICIENT DISTANCE THE PERIMETER OF DISTURBED AREAS TO PREVENT SEDIMENT FROM MIGRATING AWAY FROM THE

PESTICIDES AND
INSECTICIDES, FUNGICIDES,
HERBICIDES, AND
RODENTICIDES

CHLORINATED HYDROCARBONS, RANOPHOSPHATES, RBAMATES, ARSENIC

D FOR CONTROL PESTS DURING REVEGETATION

APPLICATION WILL BE
PER MANUFACTURER
INSTRUCTIONS EXCESS
OR LEFT OVER
PESTICIDES WILL BE
IMMEDIATELY REMOVED
FROM SITE

9

CONCRETE CURING COMPOUNDS — CREAMY WHITE LIQUID

NAPHTHA

USED TO CONTROL CURING AND SEALING (CONCRETE

9

EXCESS COMPOUND BE REMOVED FROM

WILL SITE

CONCRETE TRUCKS
PUMP TRUCKS

AND

WASH WATER FROM
CONCRETE TRUCKS WILL
BE CONTAINED AT THE
DESIGNATED SITE

CONCRETE WASHOUT WATER

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.

FENCE. IF REPAIRED 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 IF NEEDED.

13. TRACKINI LOTS FROM LOCATIONS 12. WADDLES: WA MANUFACTURER , PROVIDED BY THI TRACKING PADS: TRACKING PADS SHALL BE INSTALLED TO PROTECT S FROM CONTAMINATION WITH SEDIMENT. THE LOCATIONS OF THESE FOR THESE WEHICLES EXIT THE SITE. WADDLE, IF USED, SHALL BE ENTRENCHED AND ANCHORED AS REQUIRED BY THE REPORTED COMMON STORMWATER BMP PRACTICE. INSTALLATION DETAILS SHALL BE THE CONTRACTOR AND INCLUDED AS PART OF THE SWPPP. THE ROADWAYS AND PARKING PADS SHALL INCLUDE ALL

FERTILIZERS -AND SOLID

- LIQUID GRAIN

NITRO

PHOSPHORUS

FERTILIZERS USED IN RESTORING VEGETATION

SANITARY WASTE MANAGEMENT

BAC

TERIA, PARASITES, VIRUSES

FECAL COLIFORM CTERIA ASSOCIATED H HUMAN OR ANIMAL WASTES

PUBLIC RESTROOMS ARE
AVAILABLE ON SITE AND
WILL BE AVAILABLE TO
CONSTRUCTION WORKERS
APPLICATION WILL BE
PER MANUFACTURER
INSTRUCTION. EXCESS
WILL BE PROMPTLY

SOLID

WASTES

TRASH LEFT OVER FROM CONSTRUCTION ACTIVITIES

REMOVE ALL TRASH FROM SITE DAILY. DO NOT DISPOSE OF TRASH IN HOLES OR TRENCHES

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 (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 WITHIN 24—HOURS. NONCOMPLIANCE ITEMS SHALL BE CORRECTED IN THE SWPPP ON THE APPROPRIATE LOG AND DOCUMENTED WITHIN 7—DAYS OF CORRECTION.

POTENTIAL SOUF	POTENTIAL SOURCES OF POLLUTION	TON	
POTENTIAL POLLUTANT MATERIAL	ACTUAL POLLUTANT	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	LIMESTONE, SAND, PH, CHROMIUM	EXTRA CONCRETE WHEN POURING CONCRETE	CLEAN UP EXCESS AND EXTRA CONCRETE AND DISPOSE OF AT SPECIFIED LOCATION

design west | architects

795 NORTH 400 WEST SALT LAKE CITY UT 84103

255 SOUTH 300 WEST LOGAN UT 84321

ENDANGERED SPECIES

NO KNOW ENDANGERED ASSOCIATED

PRESERVATION

HISTORIC SIT ES

LOCATION MAP

CHECKED BY:

ANDERSON

10/04/16

DRAWN BY:

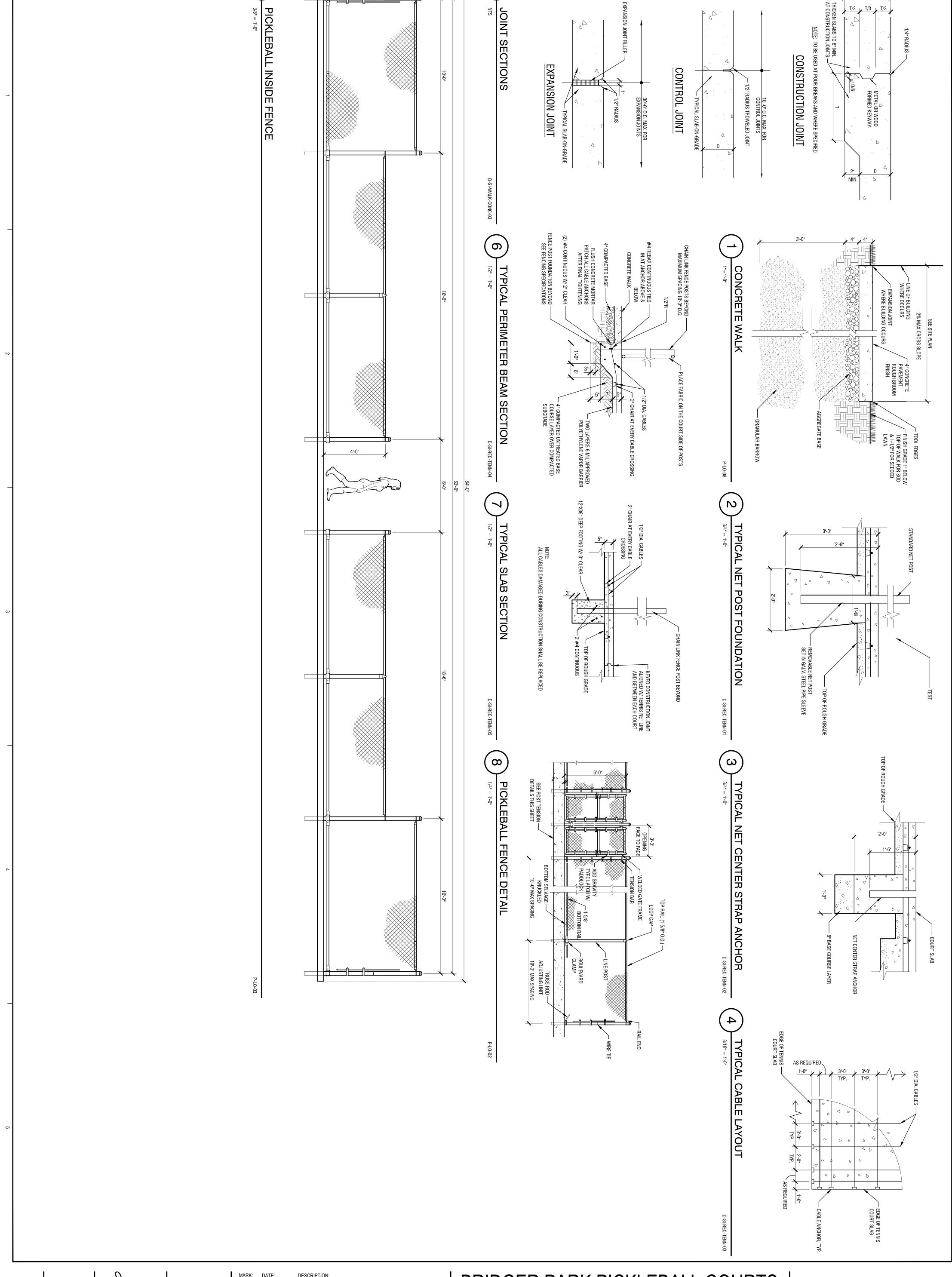
PHILLIPS

PROJECT #: 816069

MARK:	DATE:	DESCRIPTION:
	10-4-16	ADDENDUM #4
	_	

BRIDGER PARK PICKLEBALL COURTS

LOGAN CITY



BLAKE COR	PROJECT #: DRAWN BY: CHECKED BY: ISSUED:	MARK: DATE: DESCRIPTION: ADA 10.04.2016 UPDATED BID SET
I HOUSE	816069 HISLOP WRIGHT 10/04/16	

BRIDGER PARK PICKLEBALL COURTS

1181 N 400 W, LOGAN, UT 84341

LOGAN CITY 195 S 100 W, LOGAN, UT 84321 255 SOUTH 300 WEST LOGAN UT 84321 795 NORTH 400 WEST SALT LAKE CITY UT 84103

SITE DETAILS

DATE: DESCRIPTION:
10.04.2016 UPDATED BID SET ISSUED: CHECKED BY: DRAWN BY: PROJECT #: HISLOP WRIGHT 816069 10/04/16

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

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compacted thickness.	A. Machine pl	disturb aggregate embedded in compa	sure that prepared subgrade is ready to receive paving. ip loose granular particles from surface if unbound-aggregate base course. Do not dislodge or	ille اعتالك, فقد الكم عاناعا لها دانولغم. بولهوها عسوالطو هالعالمه material from substrate. hefore placing asphalt materials, remove loose and deleterious material from substrate	oll preprequire	PARA:	located. PART 3 - EXECUTION	 Provide mixes with a history of satisfactory performance in geographical area where project is 	A. Hot-Mix Aspha jurisdiction, de	A. Asphalt shall have a maximum aggregate size of ½ inch or 5/8 inches and meet UDOT specifications.	2.1 ASPHALT MATERIAL	C. Grade Control: Establish and maintain required lines and elevations.	Construct asphalt concrete surface course when atmospheric temperature is above 40 deg F and when base is dry. Base course may be placed when air temperature is above 40 deg F and rising.	A. Weather Limitations: Apply prime and tack coats when ambient temperature is above 50 deg F and when temperature has not been below 35 deg F for 12 hours immediately prior to application. Do not apply when base is wet or contains an excess amount of moisture.	Comply with State highway or transportation department standard specifications, latest edition and with local governing regulations if more stringent than herein specified. 1.5 1.4 SITE CONDITIONS	A. Material Certificates signed by material producer and Contractor, certifying that each material item complies with, or exceeds, specified requirements. QUALITY ASSURANCE	A. Section includes: 1. Asphalt paving to be used in conjunction with the running track.	1.1 SUMMARY This	n-mischmetal alloy), aluminum-coated, and PVC-coated steel and aluminum-alloy steel g are included.	s plus a greater number of options. n includes chain-link fence fabric, framing, fittings, swing and slide gates, gate operators ential, commercial, and industrial applications. Galvanized-coated, Zn-5-Al-MM alloy-co	V Sections ials and mo	Version (SLV) Section was conv section's Cover for changes from	HOT MIX ASPHALT PAVING Copyright 1998, The American Institute of Architects (AIA)	END OF DOCUMENT 312500 SECTION 321822 3.4	. All temporary grading of drainage channels, slopes or fills shall be in accordance with Division Section "Earthwork".	through the duration of the project to maintain an effective silt removing Sediment Basin and/or sinks shall be constructed to dimensions shown and/or sinks shall be cleaned as required to maintain specified size and	EXECUTION A. Silt fence shall be placed in accordance with plans and details. The pla bales shall consider drainage paths and intercept drainage prior to leavi storm sewer system. Removal of silt and replacement of silt fence an	Water Flow Kate gaymin/Tt2 AS IMD-449 I Ultraviolet Stability % ASTMD-4355 RT 3 - EXECUTION	en fabric that meets the following criteria: Unit Test Method Ibs ASTMD-4632 % ASTMD-4632 OF TMD 4401	PART 2 - PRODUCTS 2.1 SILT FENCE 3.3	associated with construct PDES Storm Water Gener individual permit. Appli rquality.utah.gov/UPDES,	This Section covers the work required A. This Section covers the work required to the considerable of	SECTION 312500 EROSION CONTROL PART 1 - GENERAL 1.1 SIIMMARY
Architect during submittal process. D. Installation per manufacturer's written installation procedures and details. Coordinate installation	ndaro	glas - JTN-30 Center Pipe Aı	A. Pickleball Post: Douglas - Premier RD-36 Item #63071 & 24" Steel Ground Sleeve Item #63424.	RT3 -F	 A. Contractor shall warrant work as provided by the General and Supplementary Conditions and Division 01 Specifications. 	WARRANTY	on: The Contractor shall ir Minor repairs and/or touch	B. Install pre-manufactured items, poured-in-place or pre-cast items, and all related materials required to complete the work indicated on the drawings and/or specified.	A. Furnish paint for touch-up as required.	 D. Maintenance Data: For site furnishings to include in O&M Manuals. QUALITY ASSURANCE 	manufacturer's full range of colors and finishes. C. Shop Drawings: Indicate all materials, dimensions, welds, finish, etc. for field fabricated items.	diagrams and recommended installation methods. B. Selection Samples: For each product specified, two complete sets of chips representing	SUBMITTALS A. Product Data: Manufacturer's data sheets on each product specified, including detailed installation	A. Section Includes:1. Pickleball furnishings and equipment.	RT2 - GENERAL SUMMARY	ic Section's Text and Evaluations when editing this SLV Section. The Basic Section contains comprehensive note irements plus a greater number of options. Section includes chain-link fence fabric, framing, fittings, swing and slide gates, gate operators, and access or residential, commercial, and industrial applications. Galvanized-coated, Zn-5-Al-MM alloy-coated (Zinc-5 aluminum-mischmetal alloy), aluminum-coated, and PVC-coated steel and aluminum-alloy steel and aluminum k fencing are included.	tion: Use SLV Sections for small, simple, private projects that are negotiated rather than bid; for projects limited to ditional materials and methods; and for projects where the Architect has reduced or no contract administration ponsibilities.	s Short Language Version (SLV) Section was condensed from the updated Basic Version Section of the same title and nber. See Basic Section's Cover for changes from the previous edition of this Section.	PICKLEBALL FURNISHINGS AND EQUIPMENT PICKLEBALL FURNISHINGS AND EQUIPMENT Vright 1998. The American Institute of Architects (AIA)	legally dispose of them in an EPA-approved landfill. OF SECTION 321822 SECTION 321840	DISPOSAL A. Except for material indicated to be recycled, remove excavated materials from Project site and	B. Surface Smoothness: Compact course to produce a surface smoothness within the following tolerances the finished surface shall not deviate more than ¼ inch under a 10 foot straightedge in any direction applied parallel at right angles to centerline of paved area. Surfaces will not be acceptable if exceeding the tolerances for smoothness.	 Thickness: Compact course to produce the thickness of 2 inches indicated within the surface smoothness tolerances. 	E. Protection: After final rolling, do not permit venicular traffic on pavement. INSTALLATION TOLERANCES	rolling until roller marks are eliminated.	maximum theoretical ann 96 percent. Densit	mmediately after break e rolling until hot-mix a	and outside edge. Repair displaced areas by loosening and filling, if required, with hot material. Examine surface after breakdown rolling for indicated crown, grade and smoothness. Correct lay down and rolling operations to comply with requirements.	excessive displacement. Compact mixture with hot, hand tampers or vibrating plate compactors in areas inaccessible to rollers. B. Breakdown Bolling: Accomplish breakdown or initial rolling immediately following rolling of joints.	COMPACTION A Regin compaction as soon as placed bot-mix asobatt paving will bear roller weight without	D. Make joints between old and new pavements, or between successive days' work, to ensure continuous bond between adjoining work. Construct joints to have same texture, density and smoothness as other sections of hot-mixed asphalt concrete course. Clean contact surfaces and apply tack coat.	C. Promptly correct surface irregularities in paving course behind paver. Use suitable hand tools to remove excess material forming high spots. Fill depressions with hot-mix asphalt to prevent segregation of mix; use suitable hand tools to smooth surface.	asphalt-paving mat. B. Place paving in consecutive strips not less than 10 feet wide, unless infill edge strips of a lesser width are required. Complete base course for a section before placing surface course.
preparation, and grading of tennis courts in accordance with these specifications.	 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 	PART 1 - GENERAL 1.1 DESCRIPTION OF WORK	SITE PREPARATION		WARRANTY A. The Contract	1.2	Shop Drawings: Show locations, details, materials, dimensions, sizes, weights, finishes, operations, details, dimensions, sizes, weights, finishes, operations, details, dimensions, sizes, weights, dimensions, details, detail	A In addition to Product Data for each product specified submit the following:	B. 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. 1.3 SUBMITTALS	Builders Association, and shall conform to their standards for tennis court construction. Contractor shall have a ASBA Certified Tennis Court Builder on staff. Proof of certification shall be required of successful bidder. Tennis court contractor shall have five (5) similar successful projects.	1.10 STANDARDSA. The work shall be done in a thorough, workmanlike manner by contractors of the American Sports	 All required labor, materials, equipment, implements, parts and supplies for the installation of reinforced, post-tensioned concrete tennis courts. 	A. Section Includes:	RT 3 - GEN	reater number of options. s chain-link fence fabric, framing, fittings, swing and slide gates, gate open metrial, and industrial applications. Galvanized-coated, Zn-5-Al-MM all metal alloy), aluminum-coated, and PVC-coated steel and aluminum-alloyunder	ber. See Basic Section's Coverion: Use SLV Sections for smittenal materials and methods; onsibilities.	right 1998, The Ameri	END OF SECTION 321840 SECTION 323200	A. Remove all packing materials from job site.B. Clean or restore marred surfaces.	3.5 CLEANING	A. Protect installed products until completion of project. B. Touch-up, repair or replace damaged products after Substantial Completion.	B. Make necessary adjustments for safe, efficient and smooth operation.3.4 PROTECTION	installed; ation; rei	etion of	E. Reinstallation of existing items shall include the use of all required new fasteners, footings, etc. to result in a fully functional system. Provide touch-up paint as required.	, e. D. Touch-up paint, as necessary, all blemishes incurred during shipping or assembly, color as designated, to manufacturer's standards.	C. Post Setting: Set cast-in support posts in concrete footing with smooth top, shaped to shed water. Protect portion of posts above footing from concrete splatter. Verify that posts are set plumb or at correct angle and are aligned and at correct height and spacing. Hold posts in position during placement and finishing operations until concrete is sufficiently cured.	 B. Install furnishings and equipment level, plumb, true, securely anchored and positioned at locations indicated on Drawings. 	 Comply with manufacturer's written installation instructions unless more stringent requirements are indicated. Complete field assembly of site furnishings where required. 	B. Proceed with installation only after unsatisfactory conditions have been corrected.3.2 INSTALLATION	 Examine areas and conditions, with Installer present, for compliance with requirements for correct and level finished grade, mounting surfaces, installation tolerances, and other conditions affecting performance. 	PART 3 - EXECUTION 3.1 EXAMINATION	E. Douglas Sports, (800) 553.8907 or www.douglas-sports.com, or approved equal.
盡	_	 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 	PART 1 - GENERAL 1.1 DESCRIPTION OF WORK	CHAIN LINK FENCING (for post-tensioned concrete courts)			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.	R Note: Finish surface shall not have a water-holding area greater than 1/8" doen (cover a	A. 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 capable of providing a surface to $\pm \frac{1}{4}$ " in 10' at a 1% slope	A. 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.	3.3 JOINTS	all be cut off and cone holes grou	80%	the concrete has reached a strength of a insioning procedure may begin. Approxin ched a strength of 2,000 psi, each tendor (b) ultimate breaking strength, and anchor strenoth.	B. The perimeter beam cross section is 12' X 12'. The cables are anchored from the surface of the slab. Two #4 rebar continuous lies longitudinally directly inside the cable anchor on top of the cables. Overlapping should diameters.	notes A.	staked to prevent settlement of movement dur til concrete has taken final set.		six sack (or achieving minimum of 4000 Ps less.	h of not less than 4,000 PSI after twenty-eig	hall be fabricated to proper length for each slab cant and encased in slip-age sheathing and sha as necessary. A maximum of six inches (6") ex	sist of one-half inch (1/2") diameter, 7-wire, str mate tensile strength of 270,000 PSI (270 Kips)	Tensioning Cables and Anchorages shall conform to the "PTI Guide Specifications for Post tensioning Materials " Post tensioning Materials "	PART 2 - MATERIALS	A. 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 slah	PART 1 - GENERAL 1.1 DESCRIPTION OF WORK	COURT PAVING	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.	B. The site preparation will be done so as to provide positive drainage away from the play courts. 3.2 FINE GRADE	slope at plus or minus one tenth of a foot (+.1") in one plane. All fil (6") layers and will be compacted to ninety percent (90%) standarce. The contractor will alert the owner of any "soft spots" or structure y of the slab. Fill material will consist of granular borrow per APWA S	A. Strip the area beneath the tennis courts of all topsoil (organics.) Grade the area to the to accommodate the fine grade base material and concrete thickness and provide a u	₹3 -E	PART 2 - MATERIALS 2.1 FINE GRADE MATERIAL A. Fine grade base material shall be Untreated Base Course per APWA Section 02060 capable of a
or two	ntractor(; anship fo of two (2	1.3 GUARANTEE	A. The work shall be done in a thorough, workmanlike manner by member contractors of the American Sports Builders Association, and shall conform to the standards for Tennis court construction. The contractor shall have a ASBA certified court builder on staff.	1.2 QUALITY ASSURANCE	A. The contract of work to be performed under this section consists of furnishing all required labor, materials, equipment, implements, parts and supplies necessary for, or appurtenant to, surfacing of tennis courts in accordance with these specifications.	1.1 DESCRIPTION OF WORK	PLAY COURT SURFACING (COLOR METHOD) PART 1 - GENERAL		3.6 GATES A. Gates shall swing easily and hang true and close into the plane of the fence.	A. Provide one (1) fastener for each one foot (1') of fabric height. (Minimum of 8 bands for 10 ft., 3 bands for 43").	es to tension wire shall be made with heavy galvanized hog rings at six (6) nsion wire.	minimum of six (6) ties for each ten feet (10) of rail and one (1) tie to eac	B. Note: Middle rail is suggested on 12' or 10' high fence where windscreen is used.	A. Set top and bottom rails as nearly parallel to the finish grade as possible and at the specified height of the fence.	A. Space all posts not more than ten feet (10') apart and set in concrete twenty inches (20") deep and not less than (10") in diameter.	A. 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 tennis surface.	PART 3 - EXECUTION 3.1 WORKMANSHIP	Concrete: Concrete shall have four thousand pounds per square inch (4,000 PSI) compressive strength at twenty-eight (28) days.	 Construct gate frames with one and five-eighth inches outside diameter (1 5/8" O.D.) rail material with welded comers. Provide fabric filler same as used in fence and use heavy duty galvanized hardware with lockable latches. 		alvanized-Two (2) strands of twelve and a half gaug inyl Coated - One (1) strand of (8 Ga.) with a six gau Bands: Beveled edge type with nuts and bolts. t Tops: Heavy galvanized cast from eye top fitting. Post Tops: Heavy galvanized iron tops of rounded t	s: Eleven gauge (11 Ga.) galvanized steel tie wire to Il be attached to fabric bottom with heavy galvanized Wire:	D. Accessories:	 Top and Bottom rail shall be one and five eighths inch outside diameter (1 5/8" 0.D.) pipe with a wathickness 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 required on 12" or 10" where windscreen is used. 	C. Rail:	 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). 	outside the pipe. B. Posts:	Method of Manufacturing: Pipe used for fence framework shall be cold rolled and electric-resistance-welded from steel ACTM A.560 and bot tiln colvenized to ACTM A.575 C.00 tinc weight both inside and	the dead-end anchor. DRIES	ng strands shall consist of one-half inch (1/2") diameter, 7-wing a guaranteed ultimate tensile strength of 270,000 PSI (27 \STM-416. Cables shall be fabricated to proper length for eaust preventative lubricant and encased in slip-age sheathing a concrete placement as necessary. A maximum of six inches	B. Zinc-Coated Fabric: ASTM A 392, with zinc coating applied to steel wire mesh fabric after weaving with Class 1, 1.2-oz/sq. ft. minimum coating weight.	A. Nine gauge core, minimum wall thickness of .015 inches over a galvanized substrate. The base metal shall have a minimum breaking strength of five hundred fifty pounds (550 lbs.) and a zinc coat weight of .1503 pounds per square foot of un-coated wire surface. Top and bottom selvage of the fabric shall be knuckled.	ጷ 4'-0" as shown on drawings.
												END OF SECTION 323200	 H. Playing Lines: 1. Two inch (2") wide textured playing lines shall be accurately located, marked and painted with Plexicolor Line Paint as specified by the USAPA. 	c. 200 lbs. of 50-70 mesh silica sand.2. The finished surface shall have a uniform appearance and be free from ridges and tool marks.	 Fortified Plexipave Acrylic textured coats shall be applied by rubber bladed squeegee on a clean, dry underlying surface in two (2) applications to obtain a total quantity of not less than 0.07-0.05 gallons per square yard of area, depending on the surface and number of coats applied. Dilution with Plexichrome and water to obtain proper application consistency will be as follows: a. Plexichrome - 30 gallons b. Water - 20 gallons 	 a. Plexipave Court Patch Binder diluted with one (1) part Court Patch Binder to two (2) parts water and allowed to thoroughly dry prior to patching. After patching the surface shall not vary more than one-eighth inch (1/8") in ten feet (10") measured in any direction. G. Fortified Plexipave Job Mix Sand Design: 	F. Tack Coat:1. A tack coat is necessary under patches only and shall be mixed as follows:	a. 100-lbs. 60-80-mesh silica sand (dry). b. 3 Gallons Plexipave Court Patch Binder. c. 1 - 2 gallons Portland Cement, Type 1 (20 lbs. Min.)	Depressions: After the Acrylic Resurfacer has dried, the court shall be flooded to locate depressions covering a nickel. Depressions shall be filled with Court Patch Binder according to specification 10.14 using the	d. Liquid Yield: 112-138 gal.e. Application Rate: 0.07-0.08 gal/square yard	and while still tacky to fingertip touch. Dilution with wa) mix: 0 lbs.	Resurfacer (black) shall be applied to the surface within	 Mix and apply California Ti-coat epoxy primer according to specification 10.17. Use only on un-coated surfaces. 	specification 10 C. Primer Coat:	Increte Preparer: Uncoated concre	er before using any add agents to the concrete for compatibility with the must cure for twenty-eight (28) days. Thoroughly remove all dirt, dust, ir.	a wood float or light to medium broom or sweat finish. Check with the s	PART 3 - EXECUTION 3.1 CONCRETE SURFACES CONSTRUCTION (NEW AND EXISTING SURFACES)	oncière ineening une requirements or une An es must have an appropriate vapor barrier t d'not exceed one-eighth inch (1/8") in ten fa dge.	nalt surfaces. facing is dependent on a sound base with graceret mosting the requirements of the An	2.1 DESCRIPTIONA. This specification covers the application of a new wearing surface for the Plexipave System on new	PART 2 - MATERIALS	apply when surface is wet or if rain is imminent or forecast, or if night time temperatures are to be lower than 45°F. Keep from freezing. Do not store in direct sunlight for an extended period of time. Container shall be closed when not in use.
	preparation, and grading of tennis courts in accordance with these specifications. 2.1 HEIGHT 1.4 GUARANTEE	A. Machine place hot-mix asphalt on prepared surface, spread uniformly and strike-off. Place areas C. Manufacturer's standard Powder Coat finish. Color: Green or Black as selected by Owner and inaccessible to equipment by hand. Place each course to required grade, cross-section and compacted thickness. C. Manufacturer's standard Powder Coat finish. Color: Green or Black as selected by Owner and materials, equipment, complements, parts and supplies necessary for, or appurtenant to the site PART 2 - No. 1. The contract work to be performed under this section consists of turnishing all required labor, materials, equipment, complements, parts and supplies necessary for, or appurtenant to the site PART 2 - No. 1. 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A. The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, parts and supplies necessary for, or appurtenant to the site proparation. A. The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, parts and supplies necessary for, or appurtenant to the site proparation of the site of play courts (emis and/or basketball) in accordance with these specifications. A. The contract work to be performed under this section consists of furnishing all required labor, materials, equipment, parts and supplies necessary for, or appurtenant to the site performed under this section consists of furnishing all required labor, materials, equipment, parts and supplies necessary for, or appurtenant to the site of parts and supplies necessary for, or appurtenant to the site of par	I. Sweep posse granter painting against in reaching projected surfaces if unbound-aggregate base course. Do not dislotoge or disturb aggregate to course or disturb aggregate or mbodded in compacted surface of unbound-aggregate base course. Do not dislotoge or disturb aggregate base course. Do not dislotoge or disturb disturb aggregate base course. Do not dislotoge or disturb disturb aggregate base course. Do not dislotoge or disturb aggregate base course. Do not dislotoge or disturb disturb aggregate base course. Do not dislotoge or disturb disturb aggregate base course. Do not dislotoge or disturb disturb disturb disturb aggregate base course. Do not dislotoge or disturb d	E. Interesting youthout singular motivate youthout singular motivate south and singular motivate south and singular motivate south and singular motivate pointing. Singular motivate product in addition control of singular motivates from such training and elibedicus material from substitute. 1. Sweep loose granular particles from sufficial symmetry posses from sufficial symmetry produces from s	A Post-Count regards to became active party permitted of the count of	Expected plane in the base and plane, primarile from the base and plane, primarile from the base and plane, primarile from the base and plane	1. Solid Septical Continue 1. Solid period such as a literature 1.	1. Fredering the hierary additional stratum and continue are are adjusted. 2. Hourist fredering the hierary additional stratum and continue are are adjusted. 2. Hourist fredering the hierary additional resolution and a property of the stratum a	Se des physics del se s'appl de l'oct grade de l'oc	Explication common proposed and cit described. Explication common proposed an		Control England Control En		Control Cont	Control Cont	The control of the co		Company of the Comp		The state of the s												

SHEET SPECIFICATIONS



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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