

HISTORIC AND DESIGN REVIEW COMMISSION

August 15, 2018

HDRC CASE NO: 2018-391
ADDRESS: 2915 E COMMERCE ST
LEGAL DESCRIPTION: NCB 1430 BLK 6 LOT 1 THRU 10
ZONING: MF-33
CITY COUNCIL DIST.: 2
APPLICANT: Beth Wells/Bender Wells Clark Design
OWNER: City of San Antonio Parks & Recreation
TYPE OF WORK: Construction of a shade structure and pavilion, landscaping and hardscaping improvements, trail improvements
APPLICATION RECEIVED: July 23, 2018
60-DAY REVIEW: September 21, 2018
REQUEST:

The applicant is requesting a Certificate of Appropriateness for approval to:

1. Construct a shade structure at a recently completed splash pad.
2. Construct a pavilion structure.
3. Install a new play area with various equipment including swings and a musical element with safety surfacing.
4. Install a fabric shade structure over proposed play area.
5. Install sidewalk connections between new and existing facilities.
6. Construct a storm water basin near existing creek.
7. Remove a large berm and re-vegetate the area behind the Claude Black Center for better visibility of park facilities.
8. Install new lighting at the proposed pavilion, play area, and along a recently completed walkway.

APPLICABLE CITATIONS:

UDC Sec. 35-641. - Design Considerations for Historic and Design Review Commission Recommendations.

In reviewing an application, the historic and design review commission shall be aware of the importance of attempting to find a way to meet the current needs of the City of San Antonio, lessee or licensee of public property. The historic and design review commission shall also recognize the importance of recommending approval of plans that will be reasonable to implement. The best urban design standards possible can and should be employed with public property including buildings and facilities, parks and open spaces, and the public right-of-way. Design and construction on public property should employ such standards because the use of public monies for design and construction is a public trust. Public commitment to quality design should encourage better design by the private sector. Finally, using such design standards for public property improves the identity and the quality of life of the surrounding neighborhoods.

UDC Sec 35-642. – New Construction of Buildings and Facilities:

In considering whether to recommend approval or disapproval of a certificate, the historic and design review commission shall be guided by the following design considerations. These are not intended to restrict imagination, innovation or variety, but rather to assist in focusing on design principles, which can result in creative solutions that will enhance the city and its neighborhoods. Good and original design solutions that meet the individual requirements of a specific site or neighborhood are encouraged and welcomed.

(a) Site and Setting.

(1) Building sites should be planned to take into consideration existing natural climatic and topographical features. The intrusive leveling of the site should be avoided. Climatic factors such as sun, wind, and temperature should become an integral part of the design to encourage design of site-specific facilities which reinforces the individual identity of a neighborhood and promotes energy efficient facilities.

(2) Special consideration should be given to maintain existing urban design characteristics, such as setbacks, building heights, streetscapes, pedestrian movement, and traffic flow. Building placement should enhance or create focal points and views. Continuity of scale and orientation shall be emphasized.

(3) Accessibility from streets should be designed to accommodate safe pedestrian movement as well as

vehicular traffic. Where possible, parking areas should be screened from view from the public right-of-way by attractive fences, berms, plantings or other means.

(4) Historically significant aspects of the site shall be identified and if possible incorporated into the site design. Historic relationships between buildings, such as plazas or open spaces, boulevards or axial relationships should be maintained.

(b) Building Design.

(1) Buildings for the public should maintain the highest quality standards of design integrity. They should elicit a pride of ownership for all citizens. Public buildings should reflect the unique and diverse character of San Antonio and should be responsive to the time and place in which they were constructed.

(2) Buildings shall be in scale with their adjoining surroundings and shall be in harmonious conformance to the identifying quality and characteristics of the neighborhood. They shall be compatible in design, style and materials. Reproductions of styles and designs from a different time period are not encouraged, consistent with the secretary of the interior's standards. Major horizontal and vertical elements in adjoining sites should be respected.

(3) Materials shall be suitable to the type of building and design in which they are used. They shall be durable and easily maintained. Materials and designs at pedestrian level shall be at human scale, that is they shall be designed to be understood and appreciated by someone on foot. Materials should be selected that respect the historic character of the surrounding area in texture, size and color.

(4) Building components such as doors, windows, overhangs, awnings, roof shapes and decorative elements shall all be designed to contribute to the proportions and scale of their surrounding context. Established mass/void relationships shall be maintained. Patterns and rhythms in the streetscape shall be continued.

(5) Colors shall be harmonious with the surrounding environment, but should not be dull. Choice of color should reflect the local and regional character. Nearby historic colors shall be respected.

(6) Mechanical equipment or other utility hardware should be screened from public view with materials compatible with the building design. Where possible, rooftop mechanical equipment should be screened, even from above. Where feasible, overhead utilities should also be underground or attractively screened. Exterior lighting shall be an integral part of the design. Interior lighting shall be controlled so that the spillover lighting onto public walkways is not annoying to pedestrians.

(7) Signs which are out of keeping with the character of the environment in question should not be used. Excessive size and inappropriate placement on buildings results in visual clutter. Signs should be designed to relate harmoniously to exterior building materials and colors. Signs should express a simple clear message with wording kept to a minimum.

(8) Auxiliary design. The site should take into account the compatibility of landscaping, parking facilities, utility and service areas, walkways and appurtenances. These should be designed with the overall environment in mind and should be in visual keeping with related buildings, structures and places.

FINDINGS:

- a. The property located 2915 East Commerce, commonly known as Lincoln Park, is a 35 acre public park located east of Downtown. The park features several City facilities including the (3) Claude Black and Barbara Jordan community centers, San Antonio Healthy Start, a swimming pool, a pavilion, a playground, basketball courts, baseball fields, and large expanses of open green space.
- b. SHADE STRUCTURES – The applicant has proposed to construct a shade structure at the location of a recently completed splash pad. The shade structures will feature metal and fabric canopy elements supported by a metal superstructure. Staff finds the proposal consistent with the UDC Sec. 35-642 (b).
- c. PAVILION – The applicant has proposed to construct a new pavilion to the northwest of the existing splash pad and a proposed play area. The pavilion will provide shade for proposed picnic tables for park attendees. The pavilion will be constructed of metal column supports and two steeply sloping shed metal roofs. The pavilion will cover a concrete slab and will feature stone block seating along the western edge of the canopy surrounded by gravel backfill. Staff finds the proposal consistent with the UDC.
- d. PLAY AREA – The applicant has proposed to install a new play area directly to the northwest of the Claude Black Community Center Building. The play area will include various elements designed for children, including swings and a musical element with safety surfacing. Staff finds the proposal consistent with the UDC.
- e. SIDEWALKS – The applicant has proposed to install additional pathways to connect existing sidewalks. The proposed additions will connect new facilities and elements with those already existing on site. Staff finds the proposal consistent with the UDC Sec. 35-642 (b).

- f. LANDSCAPING AND STORMWATER MODIFICATIONS – The applicant has proposed to perform various landscaping modifications, including the removal of an existing large berm, re-vegetation of the berm area, and a new stormwater basin at the northwest edge of the property. The landscaping and stormwater modifications will help with drainage control and will not affect character defining elements of the park. Staff finds the proposal consistent with the UDC Sec. 35-642 (a).
- g. LIGHTING – The applicant has proposed to install pedestrian lighting along new and existing pathways within the park and at the proposed pavilion and play area. Staff finds the proposal consistent with the UDC.
- h. A Texas Historical Marker commemorating the Old Houston Road is located within the park. Care must be given to avoid the historic marker. If work should have to impact the marker, notification must be given to the Office of Historic Preservation.

RECOMMENDATION:

Staff recommends approval as submitted based on findings a through h.

CASE MANAGER:

Stephanie Phillips



Flex Viewer

Powered by ArcGIS Server

Printed: Jul 30, 2018

The City of San Antonio does not guarantee the accuracy, adequacy, completeness or usefulness of any information. The City does not warrant the completeness, timeliness, or positional, thematic, and attribute accuracy of the GIS data. The GIS data, cartographic products, and associated applications are not legal representations of the depicted data. Information shown on these maps is derived from public records that are constantly undergoing revision. Under no circumstances should GIS-derived products be used for final design purposes. The City provides this information on an "as is" basis without warranty of any kind, express or implied, including but not limited to warranties of merchantability or fitness for a particular purpose, and assumes no responsibility for anyone's use of the information.



E Crockett St

E Crockett St

E Crockett St

Progressive
Missionary Baptist

Center St

Center St

N Grimes St

N Rio Grande St

Gibbs St

Gibbs St

Lincoln Park

Paso Hondo

Paso Hondo

2805 East Commerce
- Claude Black Center

2915 East
Commerce Street

Belmont

Belmont

Barbara Jordan
Community Center

UniFirst Uniform
Services - San Antonio

East End Church of God

N Grimes St

N Rio Grande St

Kraft St

E Commerce St

E Commerce St

E Commerce St

E Commerce St

Diamond Food Mart

S Grimes

Ezell St

Garcia St

Ezell St

Kraft St

Ter



Progressive
Missionary Baptist

Lincoln Park

2915 East
Commerce Street

Lincoln Swimming Pool

Miller Child
Development & Family

N Rio Grande St

Paso Hondo

N Rio Grande St

N Rio Grande St

E Commerce St

E Commerce St

Del Rio St

Del Rio St

LINCOLN PARK PHASE 2 IMPROVEMENTS

The applicant is requesting a Certificate of Appropriateness for final approval for construction of new park improvements at Lincoln Park.

Bender Wells Clark Design has developed Construction Documents for these proposed improvements. Components of this project were funded by the 2017 Parks Bonds and include:

- 1) New shade structures at the recently completed splashpad.
- 2) A new pavilion with picnic tables.
- 3) New play area with equipment for multiple age children including swings and musical element with safety surfacing.
- 4) Fabric shade structures over play equipment.
- 5) Sidewalk connections between the new and existing facilities.
- 6) Stormwater basin construction near existing creek.
- 7) Removal of the large berm behind the Claude Black Center for better visibility of park facilities.
- 8) Lighting at pavilion, play area, and along the recently completed walk form the neighborhood through the park.

All the proposed improvements will be accessible, constructed of long-lived materials, and are consistent with the existing elements of the park. All the improvements were approved through neighborhood meetings and are consistent with the approved Concept Plan for the park..

The pavilion will have a metal roof to match the existing structures on the site and the shade an play elements will all be a combination of gray, blue and green to fit in with the existing splashpad elements.

Lincoln Park Improvements (Phase 2) -2017 Bond



Existing Claude Black Center



Existing Claude Black Center



Existing Splashpad



Existing Splashpad



Existing berm to be removed and re-vegetated



Existing berm to be removed and re-vegetated



Site of Proposed Pavilion and Play Area



Site of Proposed Pavilion and Play Area



Site of Proposed Pavilion and Play Area

LINCOLN PARK *PHASE 2*

Park Elements



New Shaded Play Area & Swings
with Safety Surfacing & Shade Structures



Picnic Tables



Pavilion
with Picnic Tables



Shade Structures
at Splashpad



Benches



Pedestrian Lighting

Lincoln Park Phase 2 Site Improvements

2915 East Commerce Street, San Antonio, Texas 78207

CONSTRUCTION DOCUMENTS
Issued July 16, 2018

CoSA Permt: AP # _____



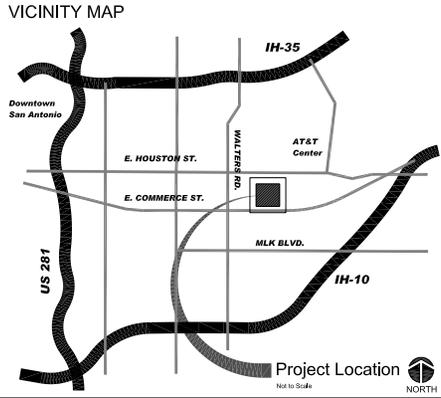
CITY OF SAN ANTONIO
TRANSPORTATION & CAPITAL IMPROVEMENTS



PARKS & RECREATION
 SAN ANTONIO

INDEX TO DRAWINGS:

Cover	
L0-01	Existing Conditions Plan
L0-02	Site Reference Plan
L0-03	General Information
L1-00	Tree Protection
L1-01	Site Demolition
L2-00	Grading & Layout Plan
L2-01	Grading & Layout Plan: Stormwater Basin Area
L2-02	Stormwater Pollution Prevention Checklist
L2-03	Stormwater Pollution Prevention Plans
L3-00	Site Materials Plan
L3-01	Enlarged Site Plans & Sections: Park Pavilion
L3-02	Enlarged Site Plans: Park Structures & Furniture
L4-00	Site Details: Concrete & Stone
L4-01	Details: Play Area Layout & Equipment
L4-02	Details: Play Area and Surfacing
L4-04	Site Details: Play Area Enlarged Plan
L4-05	Site Details: Site Furniture, Lighting & Shade Structures
E0.0	Electrical Symbols & Abbreviations
E0.1	Electrical Details
E1.0	Overall Electrical Plan
E2.0	Enlarged Power Plan
E2.1	Enlarged Power Plan
C1.0	Civil Plan: Detention Pond
S1.0	Structural Engineering - Pavilion



PROJECT DESCRIPTION

Lincoln Park is an established large park in the City of San Antonio, just east of Downtown, approximately 35 acres in size. The Park contains a number of City facilities including the Claude Black Community Center, the Barbara Jordan Community Center, gymnasium, ball fields, a pool, new Splash Garden, recreational elements, a new trail connection to the surrounding neighborhood and open space.

The design intent is to add significant site improvements to create a new play area and pavilion near the Splash Garden feature, to add shade structures, and to provide lighting along the newly-built trail and crossing of the drainage channel. The design character will be contemporary with primary use of concrete for paving and stone block seating and retaining.

Work includes, but is not limited to, demolition of an existing play area and canopy, placement of a new play area and fall safety surfacing, re-grading of portions of the site to remove a berm and to provide a stormwater basin, erection of a chemical toilet enclosure with associated concrete flatwork, erection of a pavilion structure with associated concrete flatwork, and erection of shade structures at the Splash Garden and at the play area.

Stormwater management will include minimizing impervious cover and slowing runoff through a series of Low Impact Development features to include re-graded grass-lined swales and planting. The new stormwater basin will be added alongside the existing drainage channel to mitigate runoff in large rain events associated with the limited increase in impervious area. This basin, or embayment, will be a shallow depression that will drain down after a flood event through a piped outfall.

Designs and Specifications provided by Bender Wells Clark Design, the landscape architect of record, are contained in the Construction Documents. These also include the required design and engineering information from sub-consultants - Civil Engineer, MEP Engineer, and Structural Engineering associated with the structures.

TCI PROJECT MANAGER

Patrick Schneider, Landscape Architect - Project Manager
 City of San Antonio, Transportation & Capital Improvements
 Municipal Plaza Building, 114 West Commerce Street, 4th Floor, Room 404
 P.O. Box 839966 | San Antonio, Tx 78283-3966
 Phone: (210) 207-8466 Email: Patrick.Schneider@san.antonio.gov
 Facsimile: (210) 207-2197

PROJECT NUMBER:
FUNDING: 2017 - 2022 BOND

CITY COUNCIL
MAYOR
 Ron Nirenberg

COUNCIL				
Roberto Treviño	District 1	Greg Brockhouse	District 6	
Cruz Shaw	District 2	Ana Sandoval	District 7	
Rebecca Viagran	District 3	Manny Pelaez	District 8	
Rey Saldana	District 4	John Courage	District 9	
Shirley Gonzales	District 5	Clayton Perry	District 10	

CITY MANAGER
 Sheryl Sculley

DIRECTOR OF TRANSPORTATION & CAPITAL IMPROVEMENTS / CITY ENGINEER

Michael Frisbie, P.E.

ELECTRICAL ENGINEER
 HHS ENGINEERING
 802 North Flores
 San Antonio, TX 78212
 (210) 383-1949

STRUCTURAL ENGINEER
 ACCUTECH CONSULTANTS, LLC
 809 Northeast Loop 410, Ste. 900
 San Antonio, Texas 78239
 (210) 533-5336

CIVIL ENGINEER
 CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-0261

LANDSCAPE ARCHITECT'S LICENSE

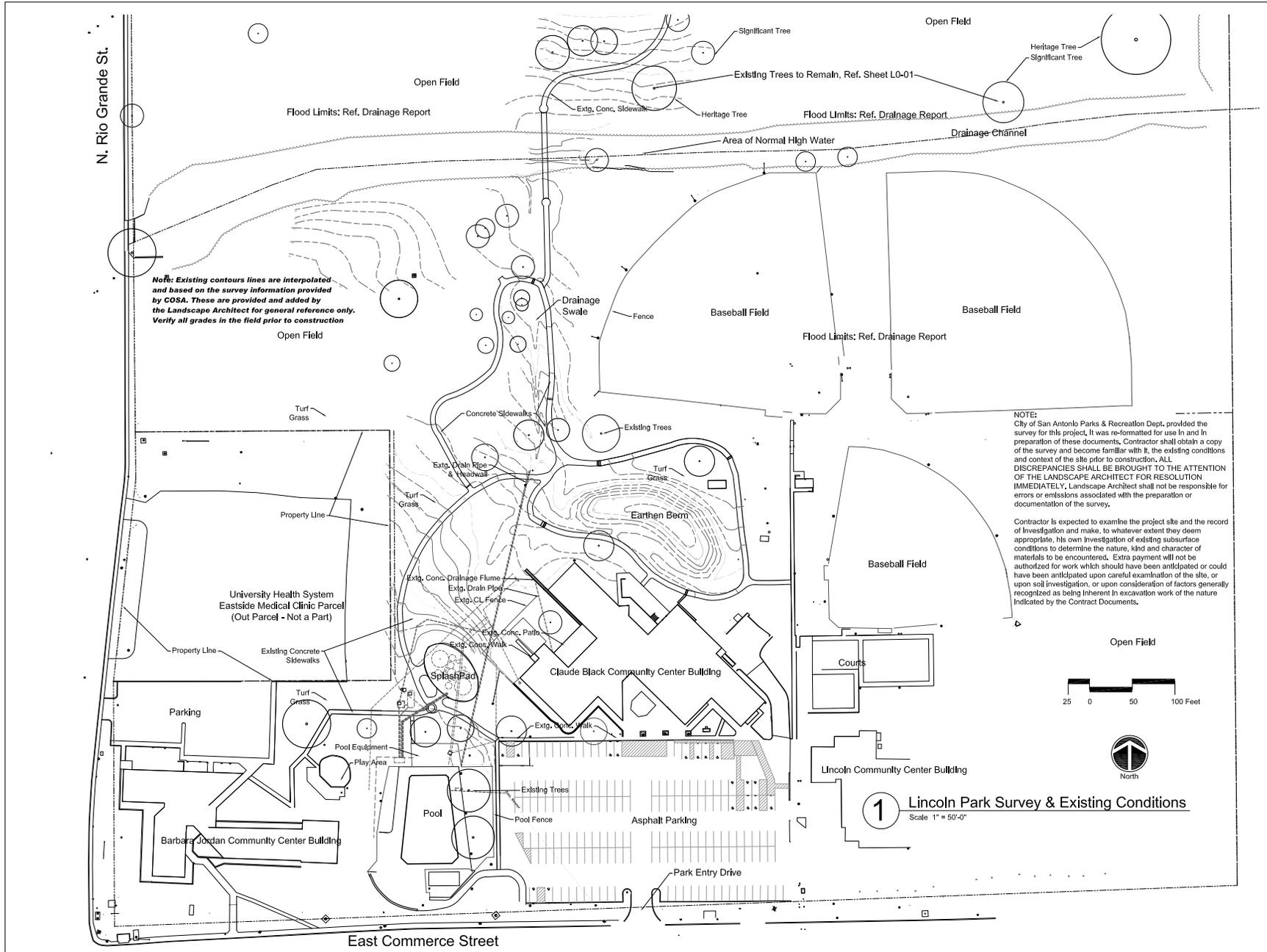


LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 130 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215
 (210) 692-9221 FAX (210) 223-4982



833 North Alamo Street
 San Antonio, Texas 78215
 210-692-9221
 www.bwcdesign.com

Date: Jul 16, 2016, 11:25am User: ID: LARRY CLARK
 File: \\BWCD-S\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Work\6.2018-7-16 LINCOLN PARK CD SET.dwg



Note: Existing contours lines are interpolated and based on the survey information provided by COSA. These are provided and added by the Landscape Architect for general reference only. Verify all grades in the field prior to construction.

NOTE: City of San Antonio Parks & Recreation Dept. provided the survey for this project. It was re-formatted for use in and in preparation of these documents. Contractor shall obtain a copy of the survey and become familiar with it, the existing conditions and context of the site prior to construction. ALL DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION IMMEDIATELY. Landscape Architect shall not be responsible for errors or omissions associated with the preparation or documentation of the survey.

Contractor is expected to examine the project site and the record of investigation and make, to whatever extent they deem appropriate, his own investigation of existing subsurface conditions to determine the nature, kind and character of materials to be encountered. Extra payment will not be authorized for work which should have been anticipated or could have been anticipated upon careful examination of the site, or upon soil investigation, or upon consideration of factors generally recognized as being inherent in excavation work of the nature indicated by the Contract Documents.

1 Lincoln Park Survey & Existing Conditions
 Scale 1" = 50'-0"

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning

830 North Alamo Street
 San Antonio, Texas 78215
 210-692-9221
 www.bwcdesign.com

© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or stored in any form without the written authorization of Bender Wells Clark Design.

- CIVIL ENGINEER**
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951
- ELECTRICAL ENGINEER**
HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840
- STRUCTURAL ENGINEER**
ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5356

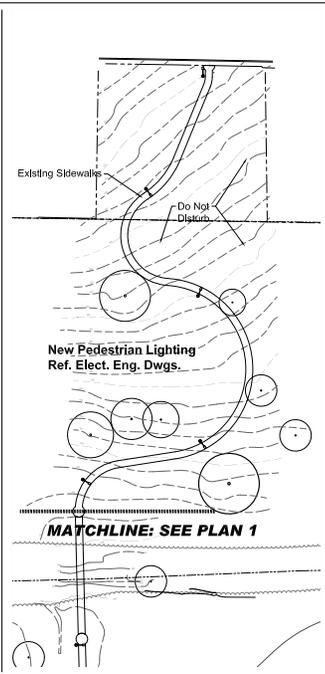
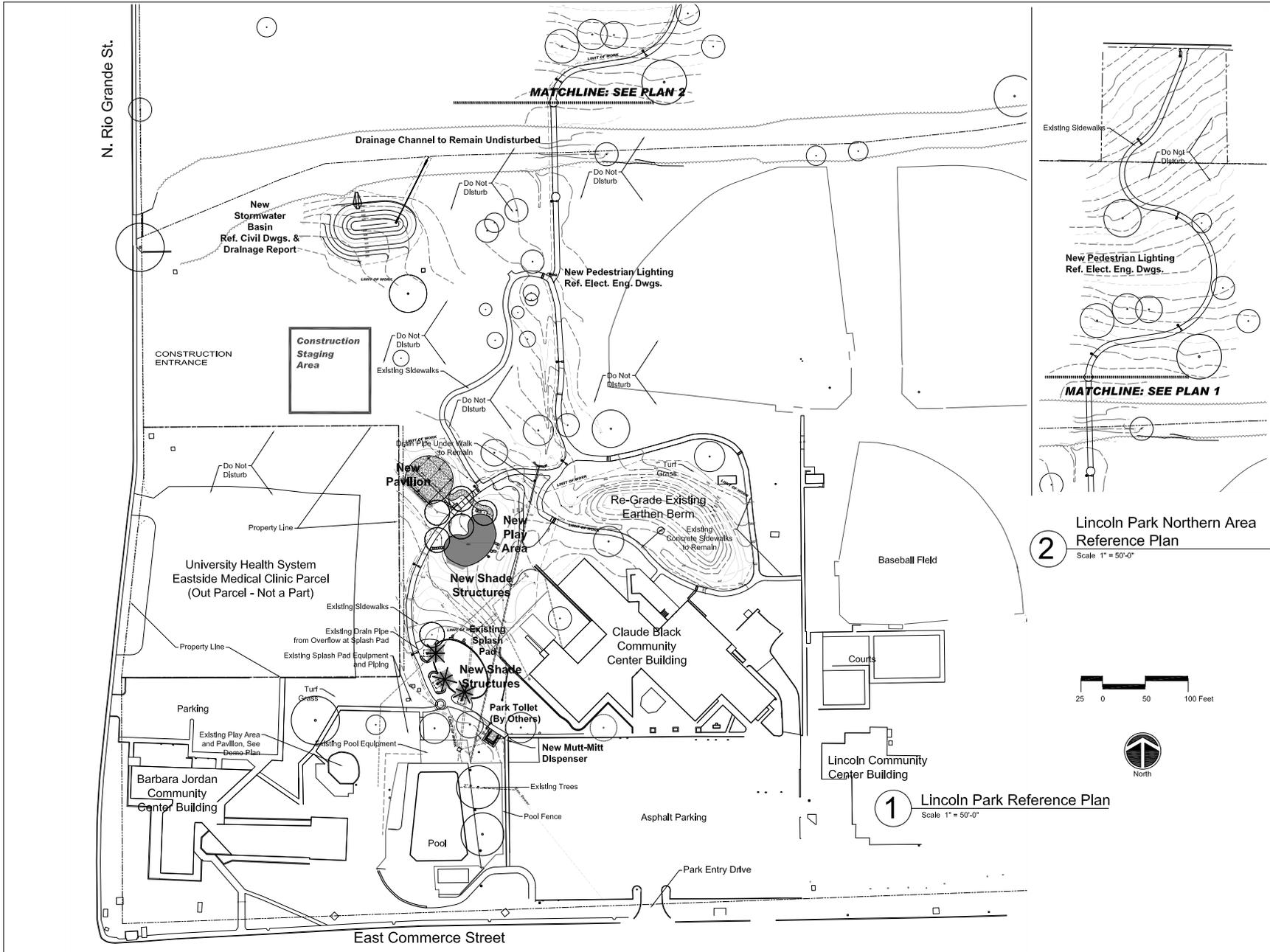
LANDSCAPE ARCHITECT'S LICENSE
LAWRENCE C. CLARK
 LICENSE NO. 12456

1211 FREDERICKS
 2018-7-16

BWCD Proj. No. 1 Drawn By: z
 SHEET TITLE & NO.:
Existing Conditions Plan

L0-01

Dates: Jul 16, 2016, 11:25am User: JDI: LARRY CLARK
 File: \\BWCD-S\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Workfile\2018-7-16 LINCOLN PARK CD SET.dwg



2 Lincoln Park Northern Area Reference Plan
 Scale 1" = 50'-0"

1 Lincoln Park Reference Plan
 Scale 1" = 50'-0"

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements
 2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215



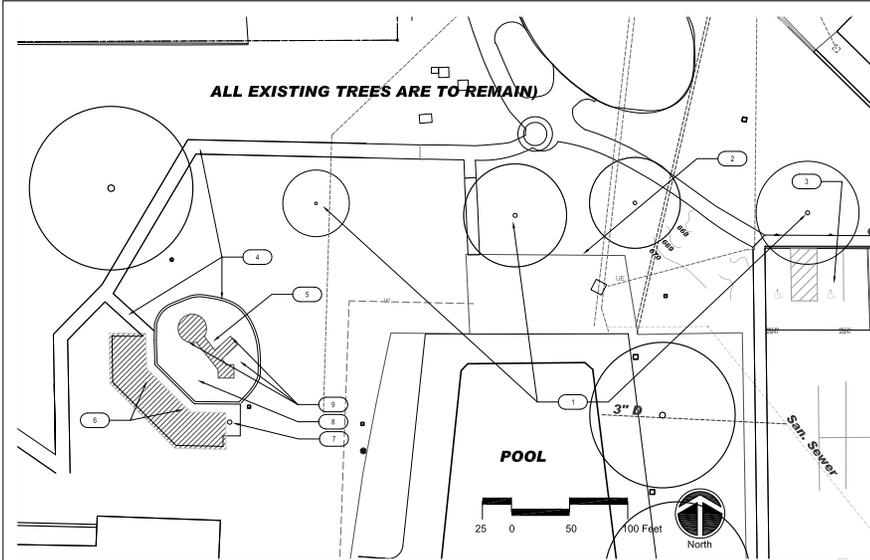
© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or altered in any form without the written authorization of Bender Wells Clark Design.

- CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951
- ELECTRICAL ENGINEER
HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840
- STRUCTURAL ENGINEER
ACCUTECH CONSULTANTS, LLC
 809 Northwest Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5355



BWCD Proj. No. 1 Drawn By:
 SHEET TITLE & NO.:
Site Reference Plan

L0-02



1 Site Demolition Plan
 Scale 1" = 20'-0"

SITE DEMOLITION REFERENCE NOTES

- ① **EXISTING TREES TO REMAIN (TYP)**
- ② **EXISTING FENCING TO REMAIN AT POOL AREA**
- ③ **EXISTING PARKING AREA. DO NOT DISTURB.**
- ④ **EXISTING WALLS, CURB, HARDSCAPE, PAVING OR OTHER FEATURES TO REMAIN. PROTECT IN PLACE.**
- ⑤ **EXISTING PLAY EQUIPMENT & SIGN TO BE REMOVED BY OTHERS (PARKS & REC. STAFF).**
- ⑥ **EXISTING WOOD PAVILION TO BE REMOVED BY OTHERS (PARKS & REC. STAFF).**
- ⑦ **EXISTING CONCRETE FLATWORK, FURNITURE AND DRINKING FOUNTAIN TO REMAIN.**
- ⑧ **EXISTING ENGINEERED WOOD MULCH SURFACING TO REMAIN.**
- ⑨ **EXISTING CONCRETE FOOTINGS AT PLAY EQUIPMENT TO BE REMOVED ENTIRELY, BY CONTRACTOR, FOLLOWING REMOVAL OF PLAY EQUIPMENT BY OTHERS. CONTRACTOR SHALL RE-GRADE AND RESTORE DISTURBED AREAS AND VEGETATION AS NECESSARY.**

SITE DEMOLITION NOTES

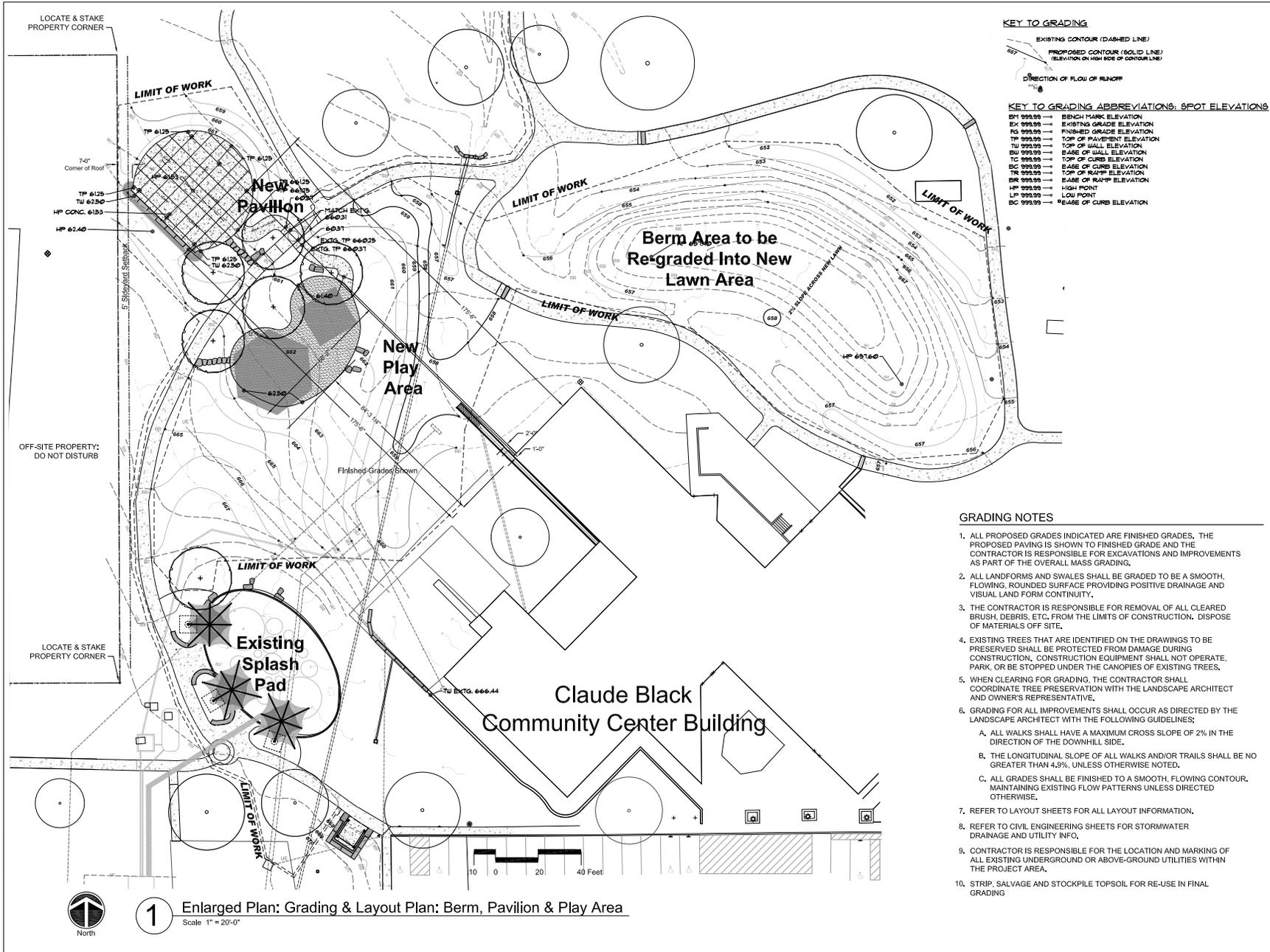
- 1. Refer to General Information sheet for Site Demolition Notes.
- 2. Protect existing pavement(s) during construction. Pavement is to be maintained and integrated with new construction.
- 3. Access to buildings on the site are to remain operational during construction to move items shown to be removed to the full depth of their construction unless noted otherwise.



STOP!
CALL BEFORE YOU DIG
 DIG TESS
 1-800-DIG-TESS
 (at least 72 hours prior to digging)

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents
<h2 style="margin: 0;">Lincoln Park Phase 2 Site Improvements</h2> <p style="font-size: small; margin: 0;"> 2015 East Commerce Street San Antonio, Texas 78202 City of San Antonio, TCI Contact: Mr. Pat Schneider Project Manager Tel: 210-207-8468 </p>		
<p style="font-size: x-small; margin: 0;"> LANDSCAPE ARCHITECT / PRIME CONSULTANT BENDER WELLS CLARK DESIGN 830 N. ALAMO ST. SAN ANTONIO, TEXAS 78215 </p> <div style="display: flex; justify-content: center; align-items: center;"> <div style="font-size: x-small; text-align: left;"> <p>Landscape Architecture</p> <p>Urban Design</p> <p>Planning</p> <p>830 North Alamo Street San Antonio, Texas 78215 210.692.9221 www.bwcdesign.com</p> </div> </div> <p style="font-size: x-small; margin-top: 5px;"> © 2016 Bender Wells Clark Design All rights reserved. No part of this document may be reproduced or altered in any form without the written authorization of Bender Wells Clark Design. </p>		
<p style="font-size: x-small; margin: 0;"> CIVIL ENGINEER CUDE ENGINEERS 4122 Pond Hill Road, Ste. 101 San Antonio, Texas 78231 (210) 681-2951 </p> <p style="font-size: x-small; margin: 0;"> ELECTRICAL ENGINEER HM3 ENGINEERING 902 North Flores San Antonio TX 78212 (210) 393-1640 </p> <p style="font-size: x-small; margin: 0;"> STRUCTURAL ENGINEER ACCUTECH CONSULTANTS, LLC 909 Northeast Loop 410, Ste. 900 San Antonio TX 78209 (210) 900-5356 </p>		
<p style="font-size: x-small; margin: 0;"> LANDSCAPE ARCHITECT'S LICENSE LAWRENCE C. CLARK LICENSE NO. 1211 </p> <p style="font-size: x-small; margin: 0;"> 1211 2018-7-16 EXPIRES </p>		
BWCD Proj. No. 1		Drawn By:
SHEET TITLE & NO. 1 Site Demolition		
L1-01		

Date: Jul 16, 2016, 11:27am User: ID: LARRYCLARK
 File: \\BWCD-S\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Work\2018-7-16 LINCOLN PARK CD SET.dwg



1 Enlarged Plan: Grading & Layout Plan: Berm, Pavilion & Play Area
 Scale 1" = 20'-0"

KEY TO GRADING

EXISTING CONTOUR (DASHED LINE)
 PROPOSED CONTOUR (SOLID LINE)
 ELEVATION ON HIGH SIDE OF CONTOUR LINE

DIRECTION OF FLOW OF RUNOFF

KEY TO GRADING ABBREVIATIONS: SPOT ELEVATIONS

BH 999.99 → BENCH MARK ELEVATION
 EX 999.99 → EXISTING GRADE ELEVATION
 FG 999.99 → FINISHED GRADE ELEVATION
 TP 999.99 → TOP OF PAVEMENT ELEVATION
 TU 999.99 → TOP OF WALL ELEVATION
 BU 999.99 → BASE OF WALL ELEVATION
 TC 999.99 → TOP OF CURB ELEVATION
 BC 999.99 → BASE OF CURB ELEVATION
 TR 999.99 → TOP OF RAMP ELEVATION
 BR 999.99 → BASE OF RAMP ELEVATION
 HP 999.99 → HIGH POINT
 LP 999.99 → LOW POINT
 CE 999.99 → BASE OF CURB ELEVATION

- GRADING NOTES**
- ALL PROPOSED GRADES INDICATED ARE FINISHED GRADES. THE PROPOSED PAVING IS SHOWN TO FINISHED GRADE AND THE CONTRACTOR IS RESPONSIBLE FOR EXCAVATIONS AND IMPROVEMENTS AS PART OF THE OVERALL MASS GRADING.
 - ALL LANDFORMS AND SWALES SHALL BE GRADED TO BE A SMOOTH, FLOWING, ROUNDED SURFACE PROVIDING POSITIVE DRAINAGE AND VISUAL LAND FORM CONTINUITY.
 - THE CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF ALL CLEARED BRUSH, DEBRIS, ETC. FROM THE LIMITS OF CONSTRUCTION. DISPOSE OF MATERIALS OFF SITE.
 - EXISTING TREES THAT ARE IDENTIFIED ON THE DRAWINGS TO BE PRESERVED SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. CONSTRUCTION EQUIPMENT SHALL NOT OPERATE, PARK, OR BE STOPPED UNDER THE CANOPIES OF EXISTING TREES.
 - WHEN CLEARING FOR GRADING, THE CONTRACTOR SHALL COORDINATE TREE PRESERVATION WITH THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE.
 - GRADING FOR ALL IMPROVEMENTS SHALL OCCUR AS DIRECTED BY THE LANDSCAPE ARCHITECT WITH THE FOLLOWING GUIDELINES:
 - ALL WALKS SHALL HAVE A MAXIMUM CROSS SLOPE OF 2% IN THE DIRECTION OF THE DOWNHILL SIDE.
 - THE LONGITUDINAL SLOPE OF ALL WALKS AND/OR TRAILS SHALL BE NO GREATER THAN 4.9%, UNLESS OTHERWISE NOTED.
 - ALL GRADES SHALL BE FINISHED TO A SMOOTH, FLOWING CONTOUR, MAINTAINING EXISTING FLOW PATTERNS UNLESS DIRECTED OTHERWISE.
 - REFER TO LAYOUT SHEETS FOR ALL LAYOUT INFORMATION.
 - REFER TO CIVIL ENGINEERING SHEETS FOR STORMWATER DRAINAGE AND UTILITY INFO.
 - CONTRACTOR IS RESPONSIBLE FOR THE LOCATION AND MARKING OF ALL EXISTING UNDERGROUND OR ABOVE-GROUND UTILITIES WITHIN THE PROJECT AREA.
 - STRIP, SALVAGE AND STOCKPILE TOPSOIL FOR RE-USE IN FINAL GRADING

ISSUE DATE

No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210.207-3466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning

830 North Alamo Street
 San Antonio, Texas 78215
 210.622.9221
 www.bwcdesign.com

© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or stored in any form without the written authorization of Bender Wells Clark Design.

CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840

STRUCTURAL ENGINEER
ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio, TX 78209
 (210) 900-5555

LANDSCAPE ARCHITECTS LICENSEURE

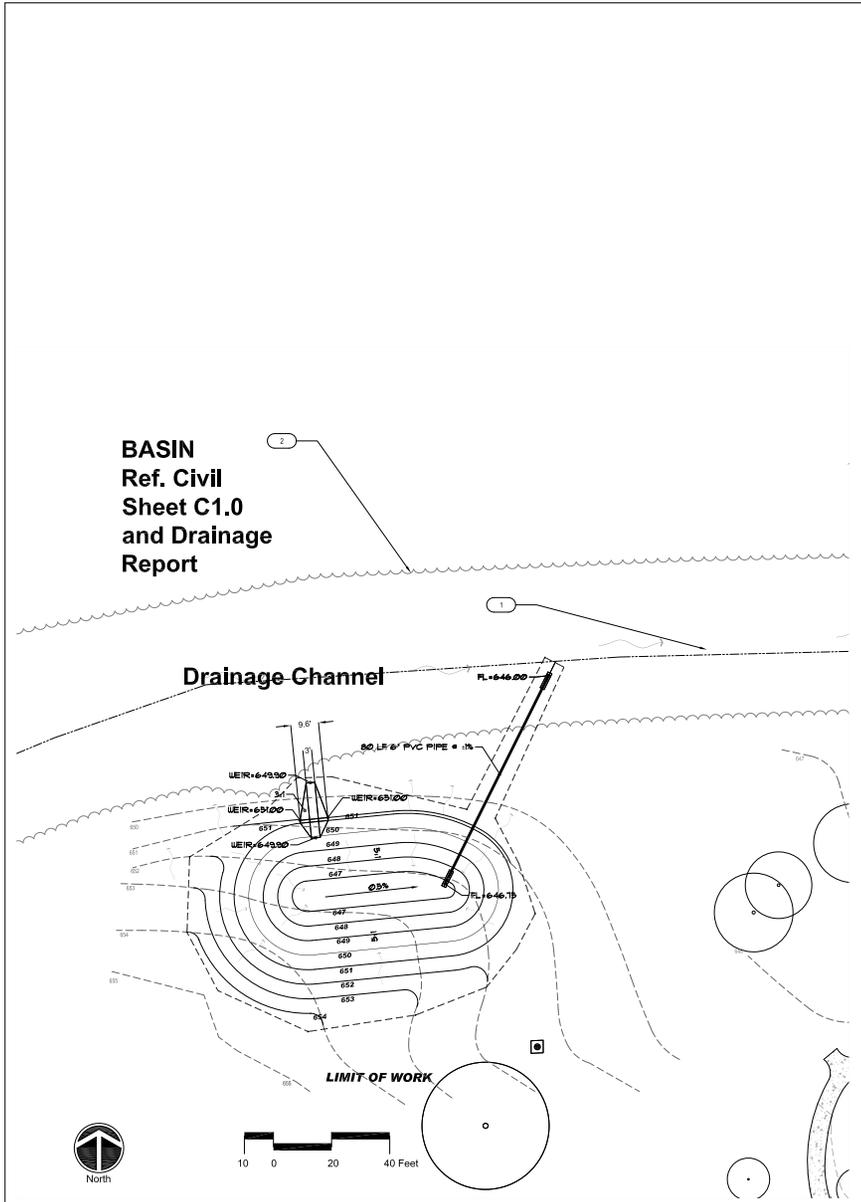
LAWRENCE C. CLARK
 LICENSE NO. 12345

1211 FIVESTARPHOTO.COM 2018-7-16 SITE

BWCD Proj. No. 1 Drawn By: z
 SHEET TITLE & NO.:
Grading & Layout Plan

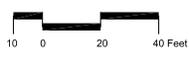
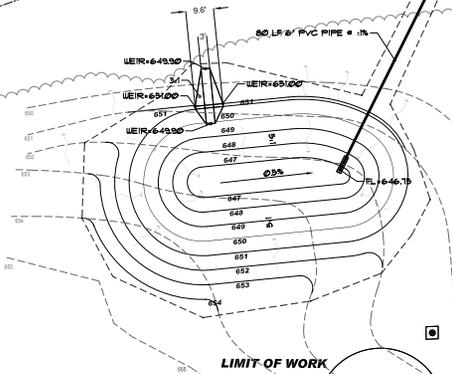
L2-00

Date: Jul 16, 2016, 11:28am User: LARRY CLARK
 File: \\BWCDS\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Workfile\2018-7-16 LINCOLN PARK CO SET.dwg



BASIN
 Ref. Civil
 Sheet C1.0
 and Drainage
 Report

Drainage Channel



1 Enlarged Grading & Layout Plan: Stormwater Basin Area
 Scale: 1" = 20'-0"

SITE LAYOUT GENERAL NOTES

- FINAL LOCATIONS OF SITE ELEMENTS SHALL BE DETERMINED IN THE FIELD UNDER DIRECTION FROM THE LANDSCAPE ARCHITECT.
- STAKE & PAINT PATHWAY ALIGNMENTS PER PLANS AND VERIFY WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.

SITE LAYOUT REFERENCE NOTES

- 1** AREA OF NORMAL HIGH WATER: AVOID DISTURBANCE AS MUCH AS POSSIBLE
- 2** BRUSH LINE: DO NOT DISTURB EXISTING VEGETATION

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements
 2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning
 830 North Alamo Street
 San Antonio, Texas 78215
 210.692.9221
 www.bwcdesign.com

© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or distributed in any form without the written authorization of Bender Wells Clark Design.

CIVIL ENGINEER
 CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
 HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 383-1400

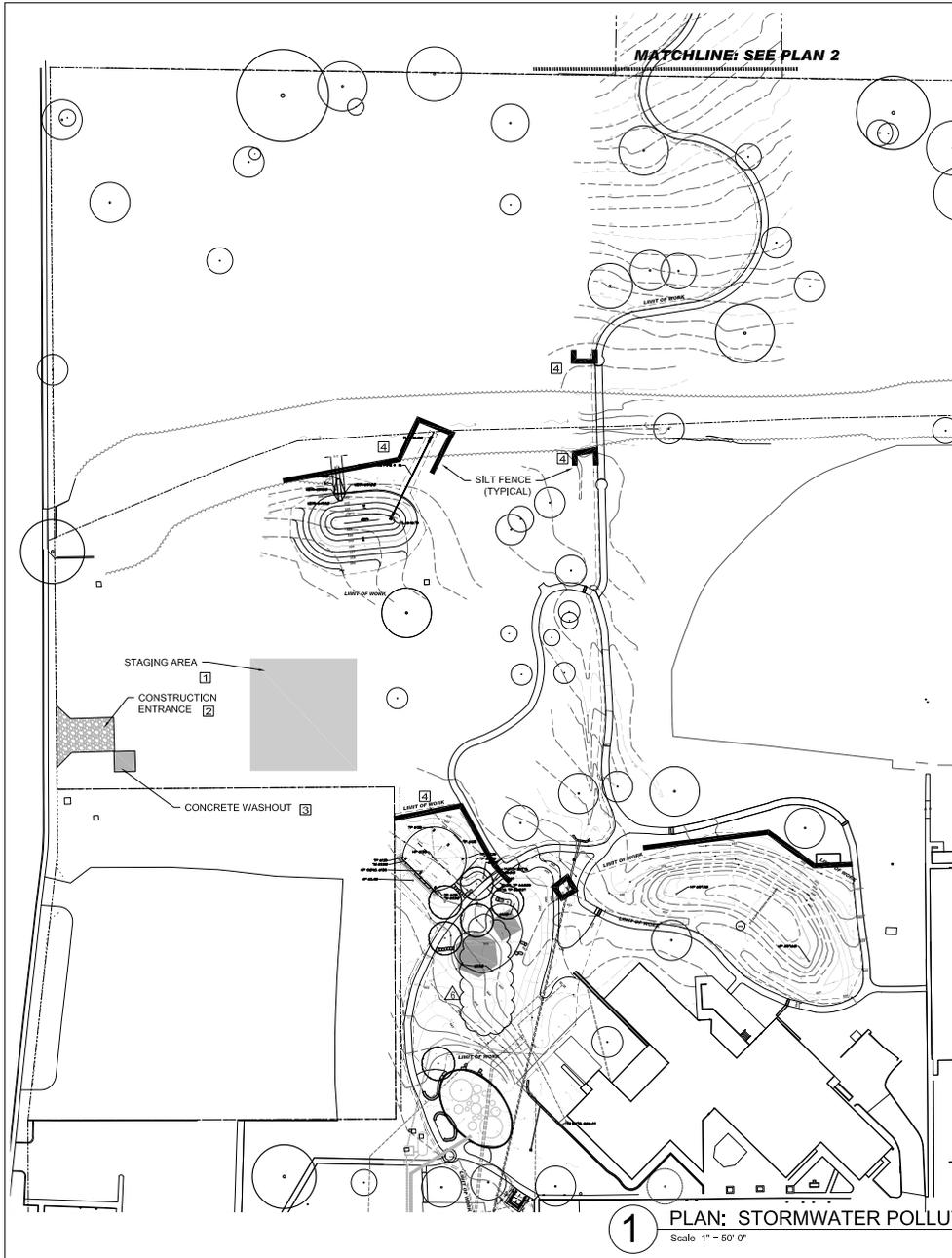
STRUCTURAL ENGINEER
 ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5356

LANDSCAPE ARCHITECT'S LICENSE
 LAWRENCE C. CLARK
 LICENSE NO. 1211

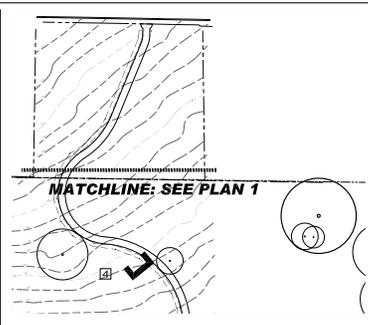
BWCDS Proj. No. 1 Drawn By: z
 SHEET TITLE & NO.:
Grading & Layout Plan: Stormwater Basin Area

L2-01

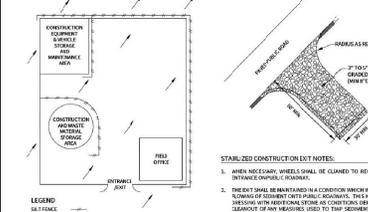
Dates: Jul 16, 2016, 11:28am User: JDI: LARRY CLARK
 File: \\BWCDS\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Workfile\2018-7-16 LINCOLN PARK CD SET.dwg



1 PLAN: STORMWATER POLLUTION PREVENTION MEASURES
 Scale 1" = 50'-0"

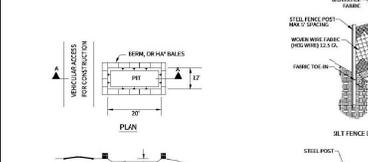


2 SWPPP PLAN: NORTH AREA
 Scale 1" = 50'-0"



STABILIZED CONSTRUCTION EXIT NOTES:

1. WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO EXITING DRIVEWAYS.
2. SLOTTES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT OUTSIDE OF THE LIMITS OF WORK. INLET PROTECTION SHALL BE REQUIRED OUTSIDE OF THE LIMITS OF WORK. INLET PROTECTION SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF SAN ANTONIO TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES STANDARDS - CURB INLET GRAVEL FILTER.



TEMPORARY CONSTRUCTION ENTRANCE/EXIT
 N.T.S.



STANDARD SILT FENCE
 N.T.S.

EROSION CONTROL BMPs (BEST MANAGEMENT PRACTICES):

- 1 STAGING AREA
- 2 CONSTRUCTION ENTRANCE
- 3 CONCRETE TRUCK WASHOUT PIT
- 4 SILT FENCE



EROSION CONTROL NOTES:

1. THE TEMPORARY EROSION AND SEDIMENTATION CONTROL (TESC) PLAN SHALL BE IMPLEMENTED PRIOR TO ANY LAND-DISTURBING ACTIVITY ON THE CONSTRUCTION SITE.
2. ACTIONS MUST BE TAKEN TO MINIMIZE THE TRACKING OF MUD AND SOIL FROM CONSTRUCTION AREAS ONTO PUBLIC ROADWAYS. SOIL TRACKED ONTO THE ROADWAY SHALL BE REMOVED DAILY.
3. AS CONSTRUCTION PROGRESSES AND SEASONAL CONDITIONS DICTATE, THE TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE MAINTAINED AND/OR ALTERED AS REQUIRED TO ENSURE CONTINUING EROSION AND SEDIMENTATION CONTROL.
4. THE TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHOWN ARE INTENDED TO BE MINIMUM REQUIREMENTS. ADDITIONAL FACILITIES SHALL BE INSTALLED AS NECESSARY AND MAINTAINED BY THE CONTRACTOR FOR THE DURATION OF THE CONTRACT TO PREVENT DOWNSTREAM EROSION AND SEDIMENTATION.
5. THE IMPLEMENTATION, MAINTENANCE, REPLACEMENT AND ADDITIONS TO THE TEMPORARY EROSION AND SEDIMENTATION CONTROL FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. ANY DOWNSTREAM DAMAGE DUE TO THE FAILURE BY THE CONTRACTOR TO FULFILL THESE REQUIREMENTS WILL BE THE CONTRACTOR'S LIABILITY.
6. THE TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED IN A SATISFACTORY CONDITION UNTIL SUCH TIME THAT CONSTRUCTION IS COMPLETE AND THE OWNER'S REPRESENTATIVE HAS GIVEN INSTRUCTIONS TO REMOVE THE EROSION CONTROL MEASURES.
7. THE CONTRACTOR SHALL PLACE INLET PROTECTION AT ALL CATCH BASINS AND INLETS WITHIN THE LIMITS OF WORK, INCLUDING THOSE SCHEDULED FOR DEMOLITION PRIOR TO THEIR REMOVAL. INLET PROTECTION MAY BE REQUIRED OUTSIDE OF THE LIMITS OF WORK. INLET PROTECTION SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF SAN ANTONIO TEMPORARY EROSION, SEDIMENT AND WATER POLLUTION CONTROL MEASURES STANDARDS - CURB INLET GRAVEL FILTER.
8. NO SEDIMENT SHALL BE TRACKED INTO THE STREET OR ONTO PAVED SURFACES. SEDIMENT SHALL BE REMOVED FROM TRUCKS AND EQUIPMENT PRIOR TO LEAVING THE SITE. IF THE ACTION OF THE VEHICLE TRAVELING OVER THE STABILIZED CONSTRUCTION ENTRANCE IS NOT SUFFICIENT TO REMOVE THE SEDIMENT, THEN THE CONTRACTOR SHALL INSTALL A TIRE WASH FACILITY TO WASH TIRES PRIOR TO MOVING DIRECTLY ONTO A PUBLIC ROAD OR OTHER PAVED AREA. IN THE EVENT OF FAILURE OF THE EROSION CONTROL SYSTEM RESULTING IN SEDIMENT BEING TRACKED ONTO PAVED SURFACES, STREET SWEEPING SHALL BE EMPLOYED. STREET SWEEPING IS NOT CONSIDERED A PRIMARY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURE AND SHALL BE UTILIZED IN THE EVENT OF A FAILURE AND IN ADDITION TO THE PRIMARY TEMPORARY EROSION AND SEDIMENTATION CONTROL SYSTEMS.
9. CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF DIRT FROM ALL VEHICLES LEAVING THE SITE.
10. CONTRACTOR IS RESPONSIBLE FOR KEEPING ADJACENT ROADWAYS FREE OF DIRT.
11. STABILIZE ALL SOILS, INCLUDING STOOPLES THAT ARE TEMPORARILY EXPOSED AS SOON AS PRACTICABLE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED.
12. SOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINS AND CATCH BASINS. STOCKPILES SHALL BE SEED, MULCHED, AND ADEQUATELY CONTAINED THROUGH THE USE OF SEDIMENTATION BARRIERS.
13. SEDIMENT-LOADED GROUNDWATER ENCOUNTERED DURING TRENCHING, BORING, OR OTHER EXCAVATION ACTIVITIES SHALL BE PUMPED TO A WATER FILTER BAG POND TO BEING DISCHARGED.
14. MITIGATION MEASURES SUCH AS DUST SUPPRESSION TECHNIQUES MUST BE IN PLACE DURING EXCAVATION AND CONSTRUCTION EVENTS TO MINIMIZE THE TRACKING AND BROADCASTING OF FUGITIVE PARTICULATE EMISSIONS ONTO PUBLIC ROADWAYS AND ACROSS PROPERTY LINES.
15. ALL DISCHARGES FROM ANY ACTIVE DRAINAGE SYSTEM SHALL BE TREATED PRIOR TO LEAVING THE PROJECT SITE BY DIRECTING WATER TO A PUMPED WATER FILTER BAG. THE EFFLUENT QUALITY SHALL MEET THE REQUIREMENTS OF THE TCEQ.
16. ALL CONSTRUCTION STORMWATER DISCHARGE FROM A SITE SHALL MEET THE REQUIREMENTS OF THE TCEQ.
17. AT THE CONTRACTOR'S OPTION AN ALTERNATE METHOD OF TREATMENT OF CONSTRUCTION STORMWATER RUNOFF MAY BE PROPOSED FOR USE FOR TEMPORARY SEDIMENTATION. THE PROPOSED ALTERNATE METHODS MUST MEET THE EFFLUENT QUALITY OUTLINED ABOVE IN NOTE 16. THE CONTRACTOR SHALL SUBMIT THE ALTERNATE METHODS FOR REVIEW AND APPROVAL PRIOR TO BEGINNING WORK.
18. PLACE STRAW MULCH OVER ALL BACKFILLED TRENCHES IN NON-PAVED AREAS.
19. ALL TEMPORARY CONSTRUCTION SLOPES GREATER THAN TWO HORIZONTAL TO ONE VERTICAL AND GREATER THAN FOUR FEET IN HEIGHT THAT ARE NOT COVERED WITHIN THE TIME PERIOD INDICATED ABOVE IN NOTE 11 SHALL BE WORKED WITH POLYETHYLENE SHEETING.

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210.207.8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215



2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or stored in any form without the written authorization of Bender Wells Clark Design.

CIVIL ENGINEER
 CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
 HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840

STRUCTURAL ENGINEER
 ACCUTEC CONSULTANTS, LLC
 809 Northwest Loop 410, Ste. 900
 San Antonio, TX 78209
 (210) 930-5355

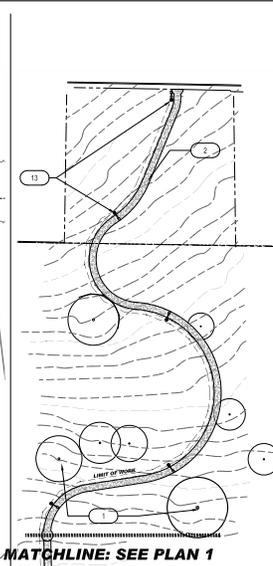
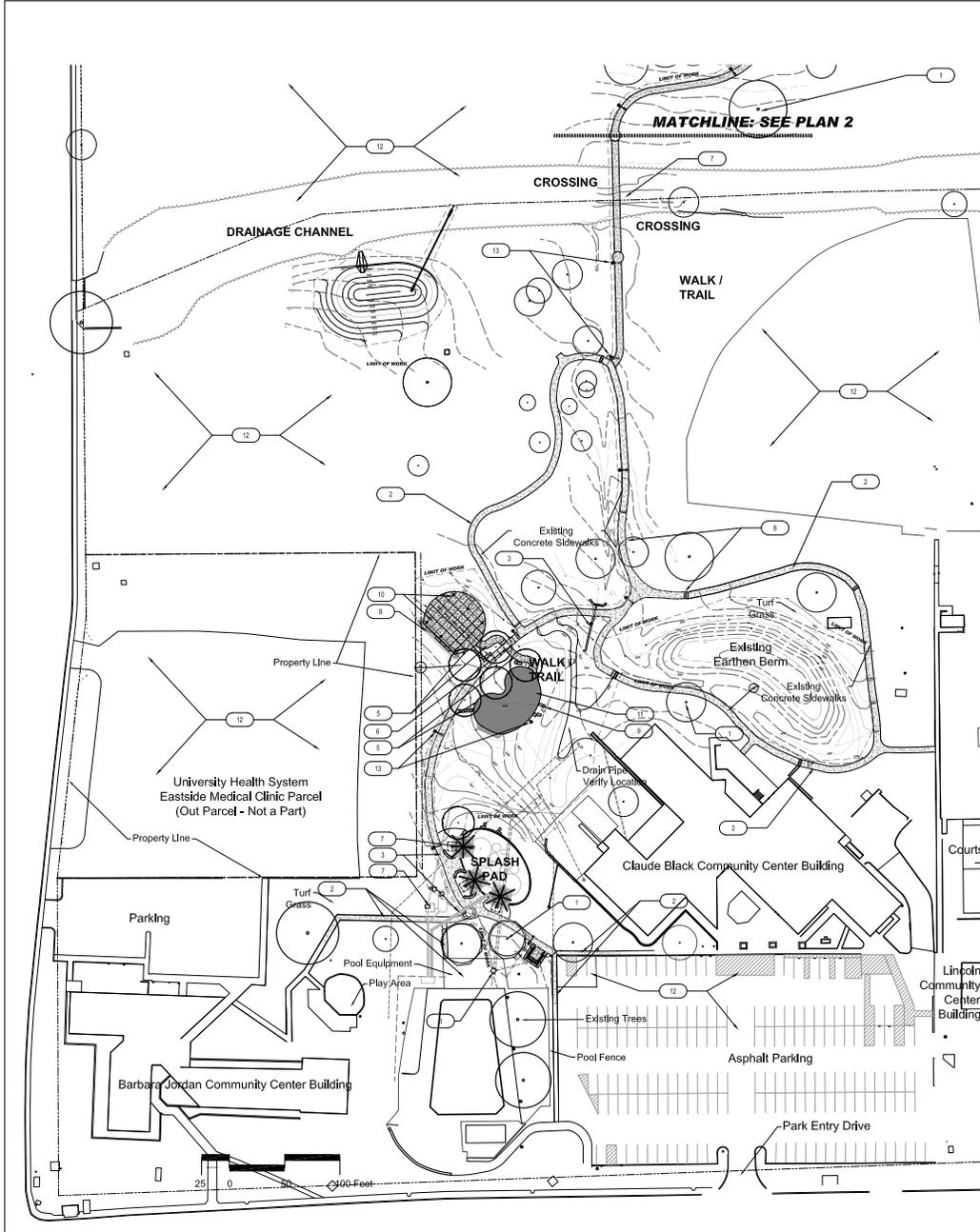


BWCD Proj. No.: Drawn by: z

SHEET TITLE & NO.:
Stormwater Pollution Prevention Plans

L2-03

Date: Jul 16, 2016, 11:23am User: ID: LARRY CLARK
 File: \\BWCDS\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Work\06.2018-7-16 LINCOLN PARK CD SET.dwg



2 Site Materials Plan: North
 Scale 1" = 50'-0"

SITE MATERIALS REFERENCE NOTES

- 1 **EXISTING TREES TO REMAIN (TYP.)**
- 2 **EXISTING PAVING TO REMAIN. DO NOT DISTURB.**
- 3 **EXISTING UTILITY FEATURE TO REMAIN. DO NOT DISTURB.**
- 4 **PROPOSED PAVING SHALL MINIMIZE DISTURBANCE TO EXISTING TREES & ROOT SYSTEMS.**
- 5 **NEW CONCRETE WALKS & FLATWORK.**
- 6 **TIE NEW PAVING TO EXISTING PAVING EDGE PER DETAILS.**
- 7 **EXISTING SPLASH PAD ELEMENTS TO REMAIN ACCESSIBLE AND UNDISTURBED**
- 8 **LIMESTONE BLOCK WALL**
- 9 **NATURAL LIMESTONE BOULDERS**
- 10 **NEW PAVILION WITH CONCRETE PAD**
- 11 **NEW PLAY AREA WITH FALL SAFETY SURFACING**
- 12 **EXISTING AREAS TO REMAIN UNDISTURBED**
- 13 **NEW PEDESTRIAN LIGHTING ALONG PATH**

1 Site Materials Plan
 Scale 1" = 50'-0"



ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210.207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture

Urban Design

Planning

830 North Alamo Street
San Antonio, Texas 78215

210.622.9221
www.bwcdesign.com

© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or distributed in any form without the written authorization of Bender Wells Clark Design.

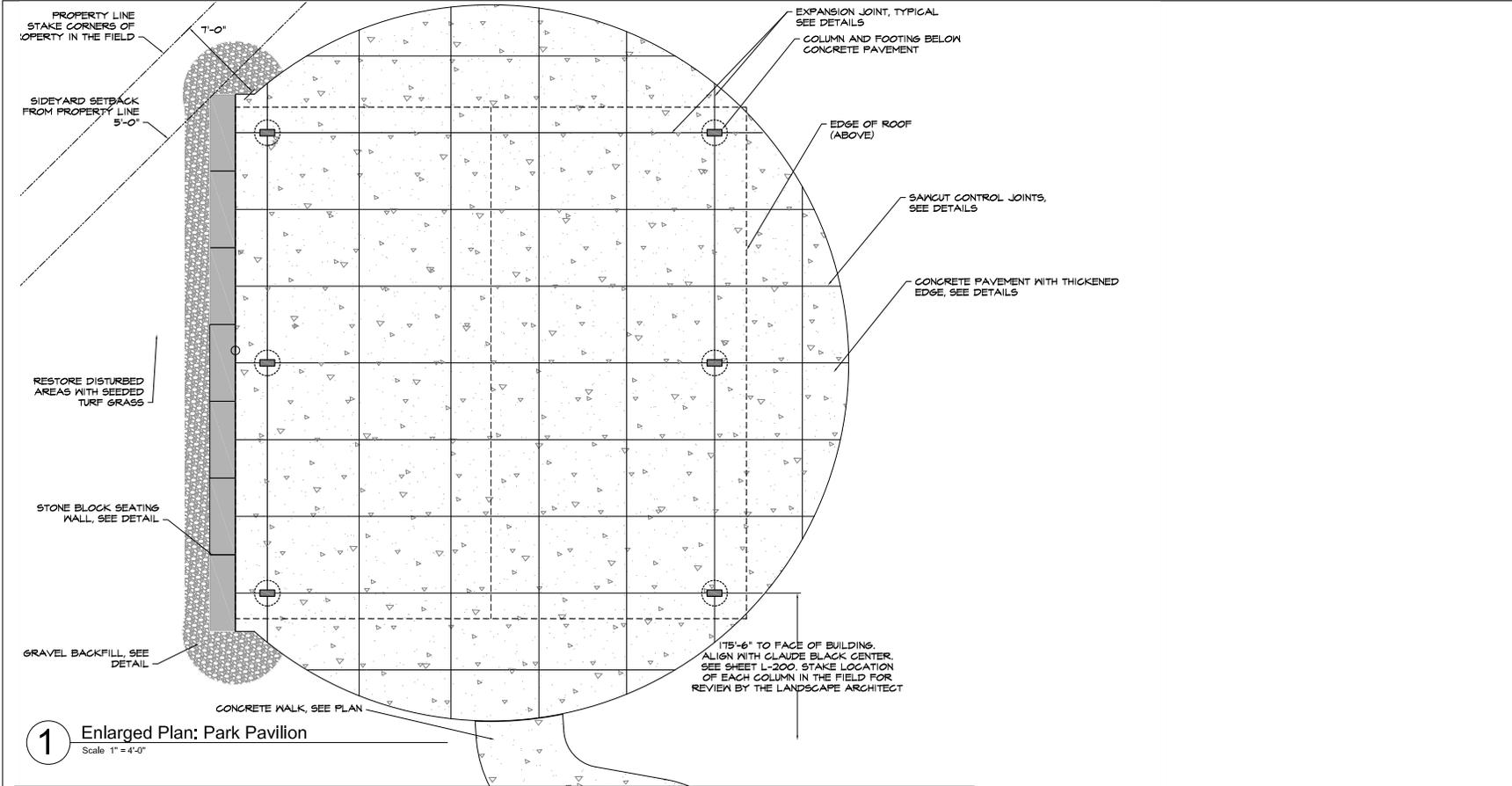
CIVIL ENGINEER
 CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
 HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840

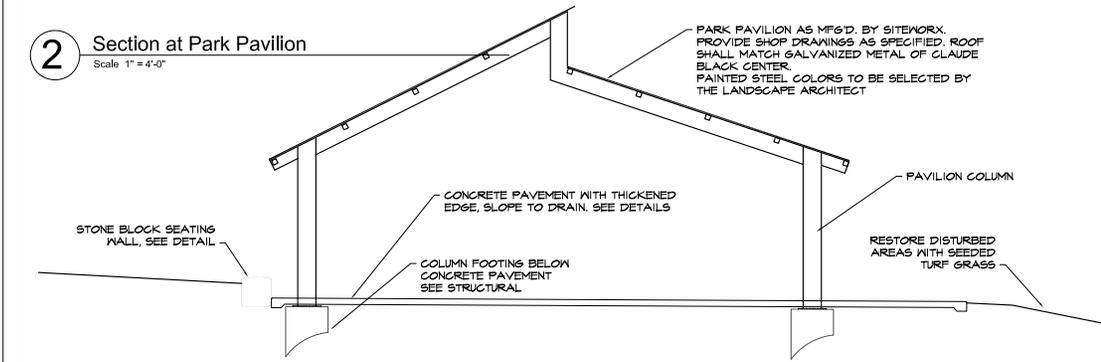
STRUCTURAL ENGINEER
 ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio, TX 78209
 (210) 900-5356

LANDSCAPE ARCHITECT'S LICENSE
 LAWRENCE C. CLARK
 LICENSE NO. 1211

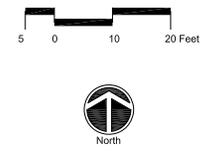
BWCDS Proj. No. 1 Drawn By:
 SHEET TITLE & NO.:
Site Materials Plan
L3-00



1 Enlarged Plan: Park Pavilion
Scale 1" = 4'-0"



2 Section at Park Pavilion
Scale 1" = 4'-0"



ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-3466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning

830 North Alamo Street
 San Antonio, Texas 78215
 210-622-9221
 www.bwcdesign.com

© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or altered in any form without the written authorization of Bender Wells Clark Design.

CIVIL ENGINEER
 CUIE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
 HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840

STRUCTURAL ENGINEER
 ACCUTECH CONSULTANTS, LLC
 909 Northwest Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5356

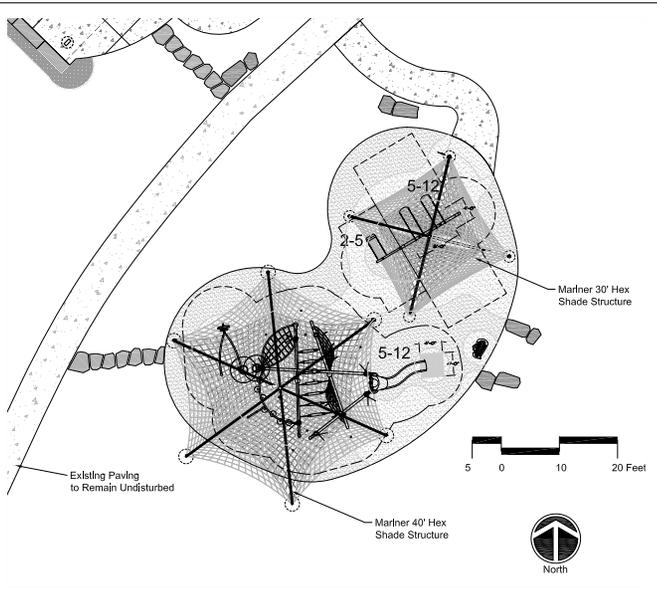
LANDSCAPE ARCHITECT'S LICENSE
 LAWRENCE C. CLARK
 LICENSE NO. 1211

BWCD Proj. No. 1 Drawn By: z
 SHEET TITLE & NO. 1

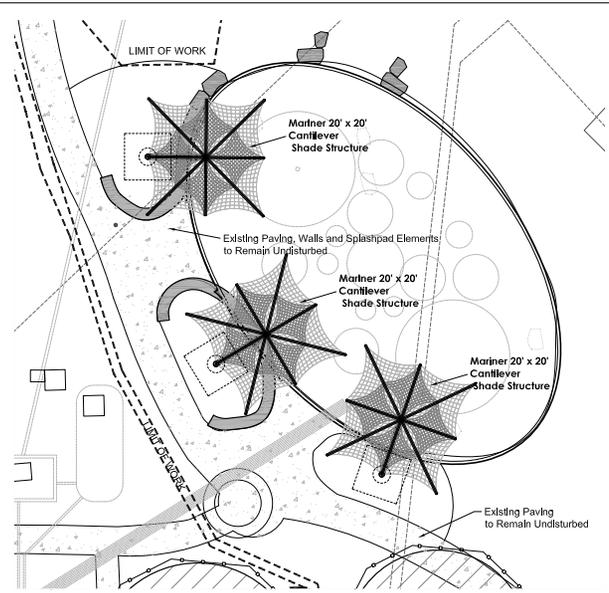
Enlarged Site Plans & Sections: Park Pavilion

L3-01

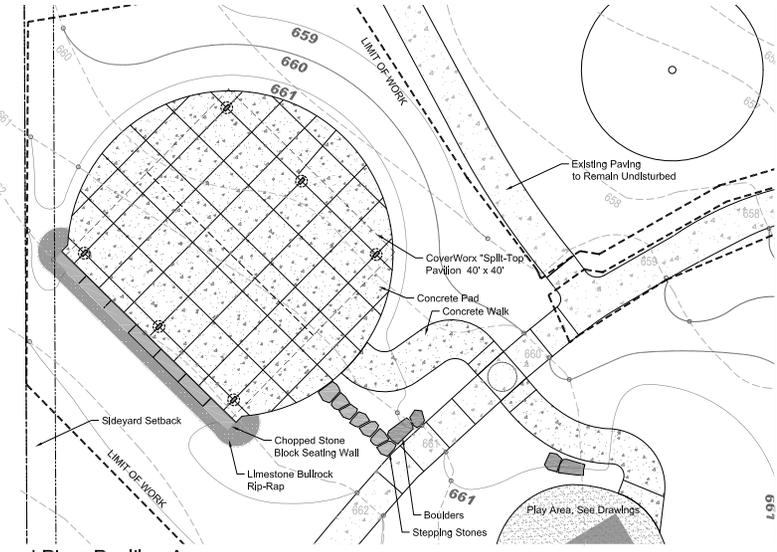
Dates: Jul 16, 2016, 11:34am User: [D]: LARRY CLARK
 File: \\BWCD-S\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Workfile\2018-7-16 LINCOLN PARK CD SET.dwg



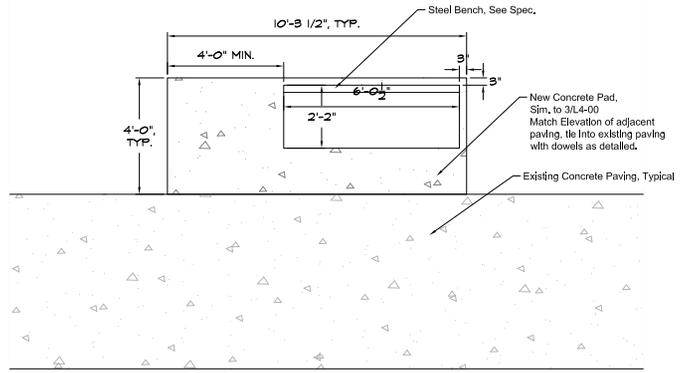
1 Enlarged Plan: Shade Structures at Play Area
Scale 1" = 10'-0"



2 Enlarged Plan: Shade Structures at Splashpad
Scale 1" = 10'-0"



3 Enlarged Plan: Pavilion Area
Scale 1" = 10'-0"



Note: 4 Required. Locations shall be set in the field by the Landscape Architect.

3 Enlarged Plan: Typical Bench Pad
Scale 1/2" = 1'-0"

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements
 2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning
 830 North Alamo Street
 San Antonio, Texas 78215
 210.622.9221
 www.bwcdesign.com

© 2016 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or stored in any form without the written authorization of Bender Wells Clark Design.

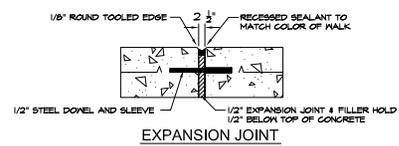
CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951
 ELECTRICAL ENGINEER
HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840
 STRUCTURAL ENGINEER
ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5555

LANDSCAPE ARCHITECTS LICENSEURE
LAWRENCE C. CLARK
 LICENSE NO. 1211
 2018-7-16
 STATE OF TEXAS

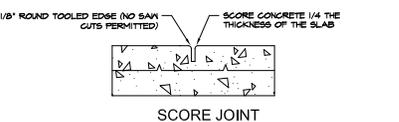
BWCD Proj. No. 1 Drawn By: z
 SHEET TITLE & NO. 1
Enlarged Site Plan: Park Structures & Furniture

L3-02

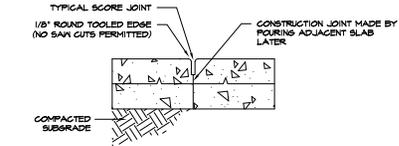
Date: Jul 16, 2016, 11:34am User: JPI: LARRY CLARK
 File: \\BWCDS\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Work\06.2018-7-16 LINCOLN PARK CD SET.dwg



EXPANSION JOINT



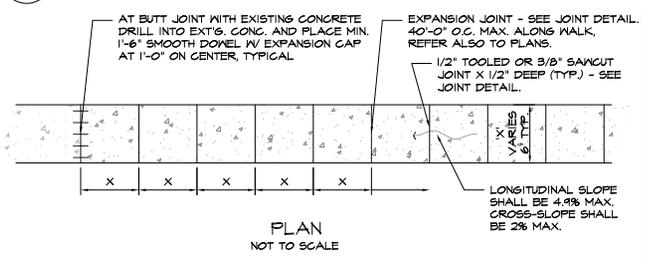
SCORE JOINT



CONSTRUCTION JOINT

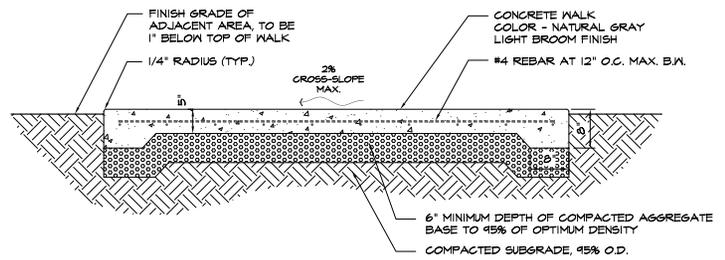
NOTE:
 PROVIDE CONSTRUCTION JOINTS BETWEEN ALL SEPARATE POURS OR AS NOTED ON PLANS.

1 Detail Sections: Paving Joints
 Scale 1" = 1'-0"

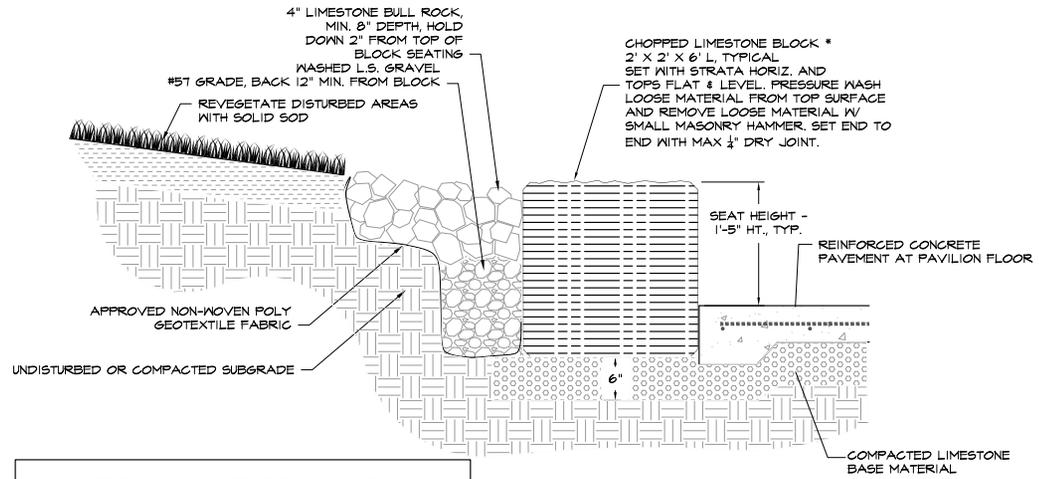


PLAN
 NOT TO SCALE

2 Detail Plan: Paving Joints and Typical Scoring
 Not to Scale

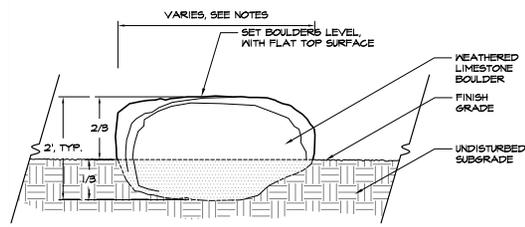


3 Detail Sections: Typical Concrete Walk
 Scale 1" = 1'-0"



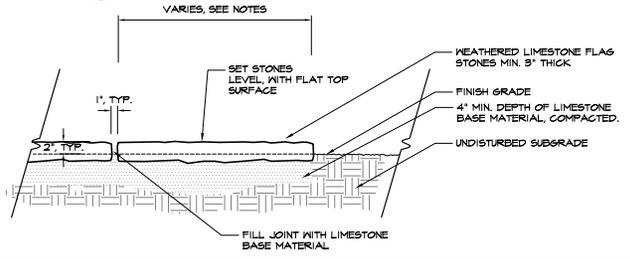
* CHOPPED BLOCKS SHALL BE SELECT FLAT LIMESTONE, 'BUTTER STICKS', PROVIDE PHOTOGRAPHS OF SAMPLES FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT.

4 Section: Limestone Block Seating Wall at Pavilion
 Scale 1-1/2" = 1'-0"



5 Detail Sections: Typical Limestone Natural Boulder
 Scale 1" = 1'-0"

- NOTE:
1. ALL FINAL BOULDER LOCATIONS SHALL BE FIELD APPROVED BY THE LANDSCAPE ARCHITECT.
 2. PROTECT BOULDERS FROM SCARRING DURING TRANSPORT AND PLACEMENT ON SITE.
 3. BOULDERS SHALL BE 'ROCKSPRINGS FLAT FIELD COLLECTED' FROM SAN JACINTO MATERIALS (210-756-0924) OR SIMILAR SUCH AS 'LOCAL LIMESTONE' FROM KELLER MATERIAL, INC. (210-648-4221). SIZES SHALL RANGE FROM 2' WIDE X 3' LONG X 2' HT. TO 2'-6" WIDE X 4' LONG X 2' HT.
 4. SUBMIT PHOTOGRAPHS OF REPRESENTATIVE SAMPLE BOULDERS TO LANDSCAPE ARCHITECT PRIOR TO PLACEMENT.



6 Detail Sections: Typical Limestone Flagstone
 Scale 1" = 1'-0"

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements
 2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TCI
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210.207.8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

BENDER WELLS CLARK DESIGN
 830 North Alamo Street
 San Antonio, Texas 78215
 210.622.9221
 www.bwcdesign.com

© 2018 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or stored in any form without the written authorization of Bender Wells Clark Design.

- CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951
- ELECTRICAL ENGINEER
HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840
- STRUCTURAL ENGINEER
ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5356

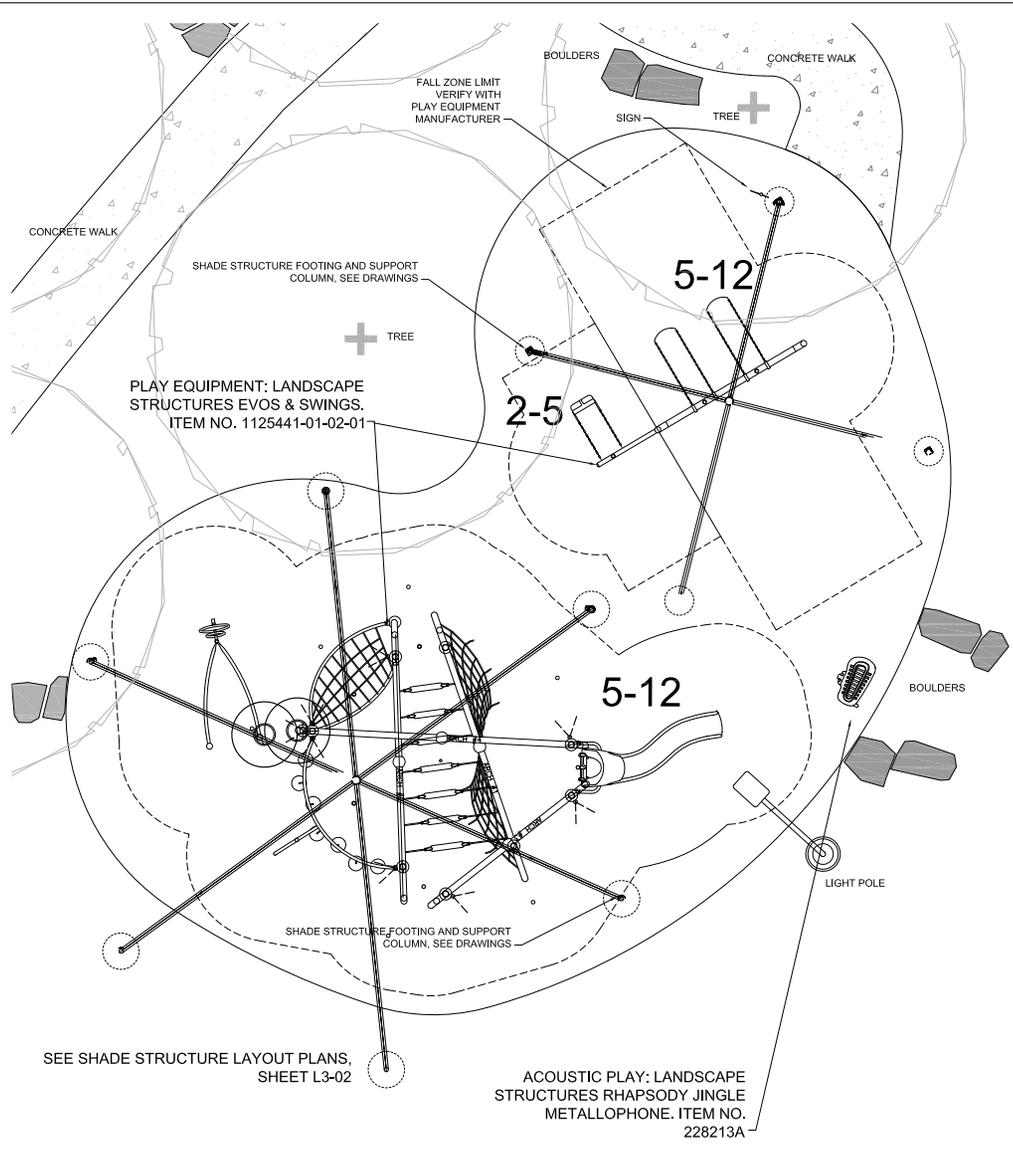
LANDSCAPE ARCHITECT'S LICENSE

LAWRENCE C. CLARK
 LICENSE NO. 1211
 EXPIRES 2018-7-16

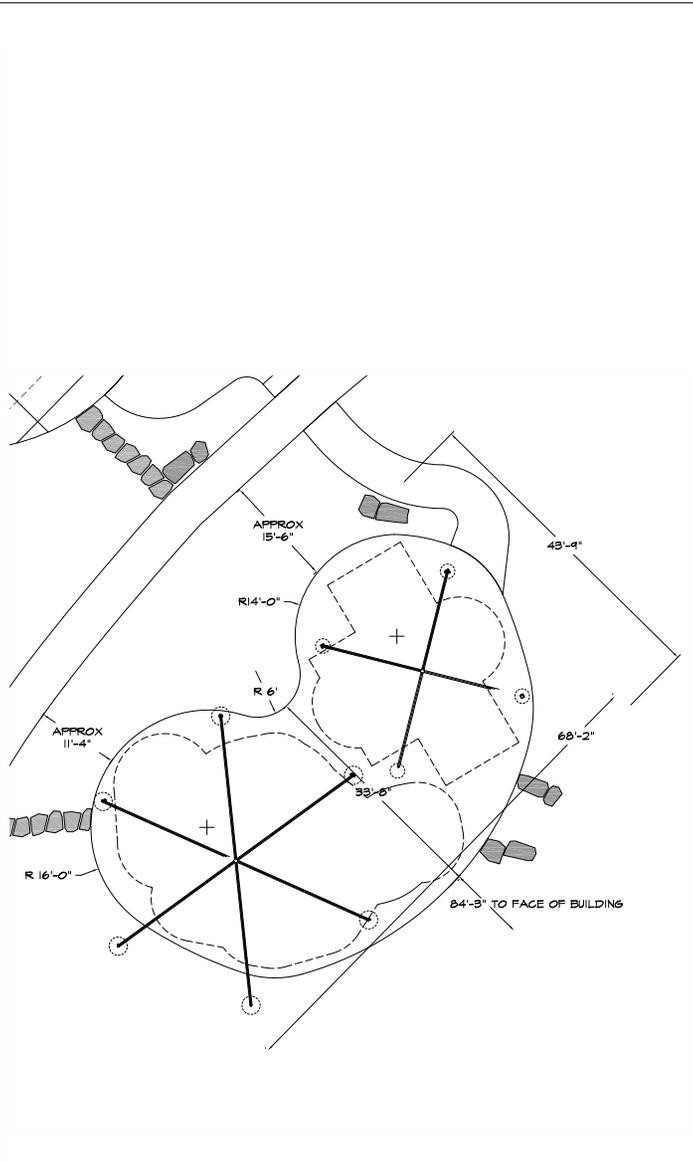
BWCDS Proj. No. 1 Drawn By: z
 SHEET TITLE & NO. 1
Details Concrete & Stone

L4-00

Dates: Jul 16, 2016, 11:35am User: LARRY CLARK
 File: \\BWCDS\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Work\06.2018-7-16 LINCOLN PARK CO SET.dwg



1 Enlarged Plan: Play Area Layout & Equipment
 Scale 1" = 4'-0"



1 Enlarged Plan: Play Area Dimensional Layout
 Scale 1" = 8'-0"

ISSUE DATE		
No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TX
 Contact: Mr. Pat Schneider
 Tel: 210-207-3466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

**Landscape
Architecture**

Urban Design

Planning

830 North Alamo Street
San Antonio, Texas 78215
210.622.9221
www.bwcdesign.com

© 2018 Bender Wells Clark Design
 All rights reserved. No part of this document may be
 reproduced or distributed in any form without the
 authorization of Bender Wells Clark Design.

CIVIL ENGINEER
 CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
 HM3 ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840

STRUCTURAL ENGINEER
 ACCUTECH CONSULTANTS, LLC
 909 Northeast Loop 410, Ste. 900
 San Antonio TX 78209
 (210) 900-5556

LANDSCAPE ARCHITECT'S LICENSEURE
 LAWRENCE C. CLARK
 LICENSE NO. 1211

 2018-7-16
 SITE

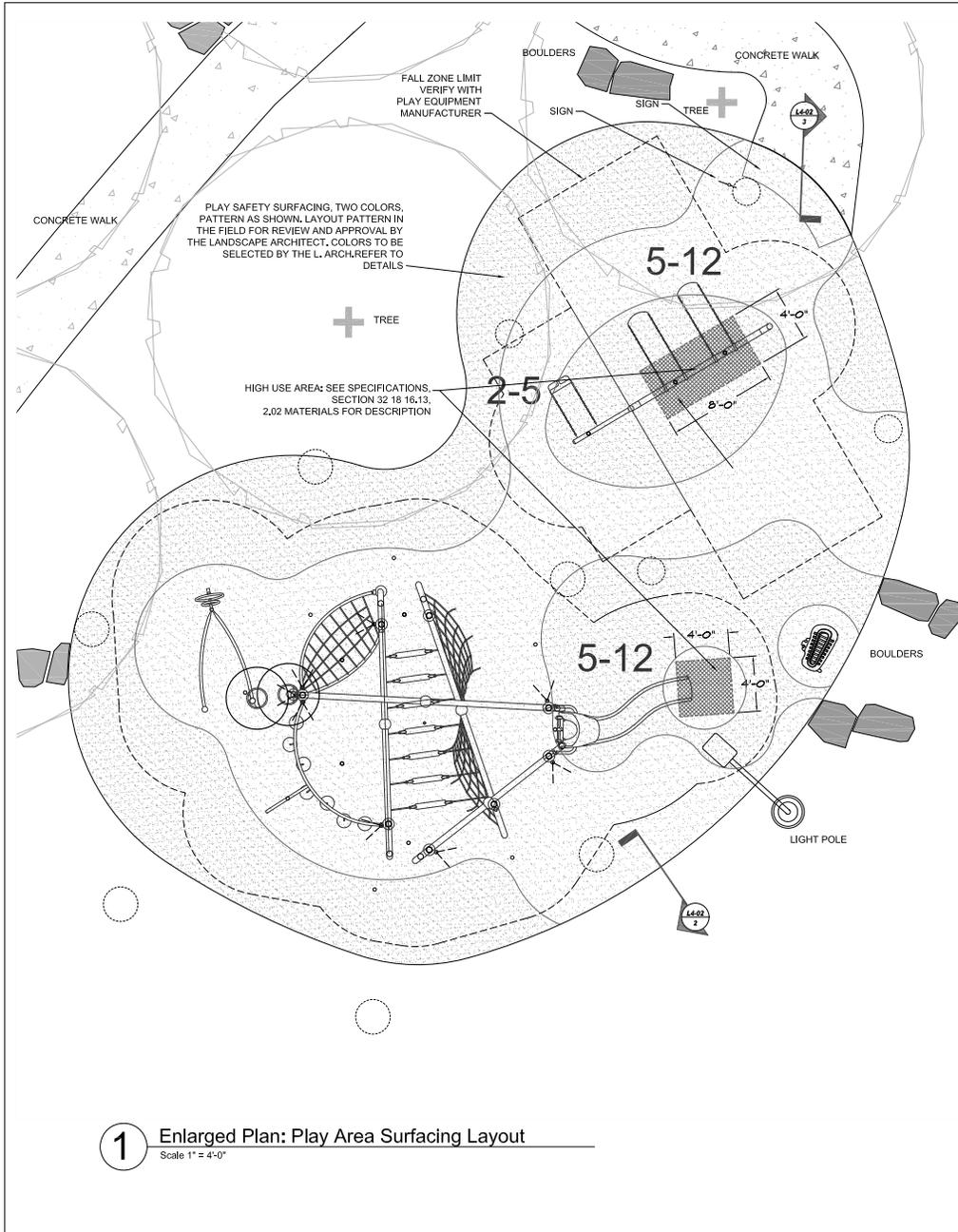
BWCD Proj. No. 1 Drawn By: z

SHEET TITLE & NO. 1

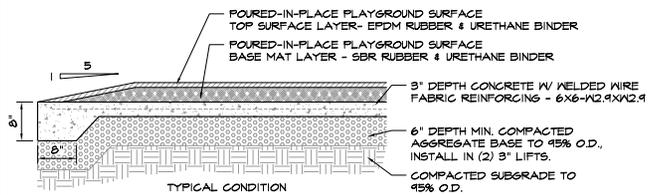
Details
**Play Area Layout
& Equipment**

L4-01

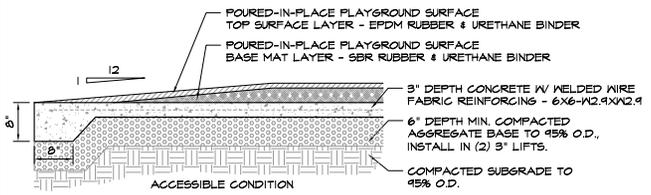
Dates: Jul 16, 2016, 11:37am User: ID: LARRY CLARK
 File: \\BWCD-S\Shared_S\2018 PROJECTS\LINCOLN PARK Phase 2\Work\06.2018-7-16 LINCOLN PARK CD SET.dwg



1 Enlarged Plan: Play Area Surfacing Layout
Scale 1" = 4'-0"



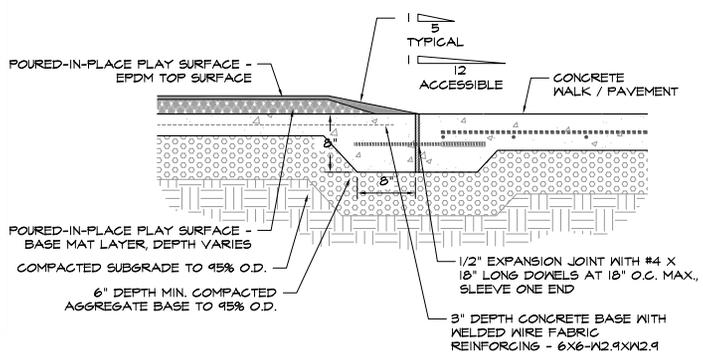
2 Fall Safety Surfacing
Not to Scale



NOTES:

- THICKNESS OF PLAY SAFETY SURFACING BASE MAT LAYER SHALL BE PROVIDED PER THE MANUFACTURER'S RECOMMENDATION FOR THE APPROPRIATE FALL HEIGHT WITHIN THE FALL ZONE OF PLAY EQUIPMENT AND FOR 4' FALL HEIGHT OUTSIDE EQUIPMENT FALL ZONE (RECOMMENDED THICKNESS VARIES BY MANUFACTURER).
- THICKNESS OF SURFACE LAYER SHALL BE 1/2" TYPICAL. REFER TO PLAY AREA PLAN FOR COLOR LAYOUT.

3 Accessible Edge at Fall Safety Surfacing
Not to Scale



4 Fall Safety Surfacing at EJ
Not to Scale

ISSUE DATE

No.	Date	Issue Description
CD	7/16/2018	Construction Documents

Lincoln Park Phase 2 Site Improvements

2015 East Commerce Street
San Antonio, Texas 78202
City of San Antonio, TX
Contact: Mr. Pat Schneider
Project Manager
Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
830 N. ALAMO ST.
SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning

830 North Alamo Street
San Antonio, Texas 78215
210-920-9221
www.bwcdesign.com

© 2016 Bender Wells Clark Design
All rights reserved. No part of this document may be reproduced or distributed in any form without the written authorization of Bender Wells Clark Design.

CIVIL ENGINEER
CUDE ENGINEERS
4122 Pond Hill Road, Ste. 101
San Antonio, Texas 78231
(210) 681-2951

ELECTRICAL ENGINEER
HM3 ENGINEERING
902 North Flores
San Antonio TX 78212
(210) 393-1840

STRUCTURAL ENGINEER
ACCUTECH CONSULTANTS, LLC
809 Northeast Loop 410, Ste. 900
San Antonio TX 78209
(210) 900-5556

LANDSCAPE ARCHITECT'S LICENSEURE
LAWRENCE C. CLARK
LICENSE NUMBER 1211

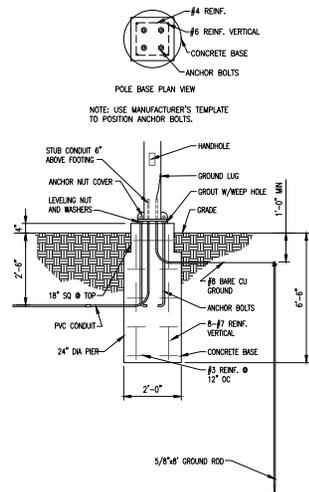
BWCD Proj. No. 1 Drawn By: z

SHEET TITLE & NO. 1

**Details
Play Area and
Surfacing**

L4-02

Date: Jul 12, 2016, 3:53pm User ID: ALFRED
 File: C:\Dropbox\PROJECTS\2017\LINCOLN PARK SPLASH PAD\CAD\ELECTRICAL - phase 2.dwg



1 PEDESTRIAN POLE BASE DETAIL
 NO SCALE

PANEL HP 1											
VOLTAGE (L-N):			277			ENCLOSURE TYPE:			N3R		
VOLTAGE (L-L):			480			MOUNTING:			SURFACE		
PHASES, WIRES:			3 ϕ 4 W			AIC RATING (A):			14000		
MINIMUM BUS CAPACITY (A):			200 A			NOTES:			BACKFEED EXISTING 100A DISCONNECT		
MAIN O.C. DEVICE (A):			200 A								
CKT NO	DESCRIPTION	TRIP AMPS	POLE	PHASE LOADS (VA)			POLE	TRIP AMPS	DESCRIPTION	CKT NO	
				A	B	C					
1,3,5	EXISTING DISC.	100	3	31024	3879		3	30	10 HP PUMP	2,4,6	
1,3,5	EXISTING DISC.	100	3		31024	3879		3	30	10 HP PUMP	2,4,6
1,3,5	EXISTING DISC.	100	3			31024	3880	3	30	10 HP PUMP	2,4,6
7,9,11	SPARE	20	3	0	2592			1	20	EXT. LIGHTING	8
7,9,11	SPARE	20	3			0	0	1	20	SPARE	10
7,9,11	SPARE	20	3				0	1	20	SPARE	12
13,15	PANEL LP1 via Transformer	60	2	2000	-----			-----	-----	-----	-----
13,15	PANEL LP1 via Transformer	60	2					-----	-----	-----	-----
				CONNECTED LOAD PHASE TOTALS (VA)							
				39495			35283			34904	
				CONNECTED LOAD (KVA)		DEMAND FACTOR		DEMAND LOAD (KVA)		DEMAND LOAD	
				1.4		1.00		1.4		136.5 KVA	
Equipment				93.1		1.25		116.3		29.8 KVA	
Existing Load				2.6		1.25		3.2		35.8 AMPS	
Lighting - Exterior				0.8		1.00		0.8		PHASE BALANCE	
Motors				11.6		1.25		14.5		A TO B 89%	
Motors (Largest)				0.2		1.00		0.2		B TO C 99%	
Receptacles (0 - 10 KVA)										C TO A 88%	
TOTAL LOAD (AMPS):				109.7				136.5			
				131.9				164.2			

KEY	DESCRIPTION	ELECTRICAL LIGHTING DEVICE SCHEDULE										NOTES
		ELECTRICAL DATA		LAMP DATA			BASIS OF DESIGN					
		LOAD VA	VOLTAGE	QTY	WATTAGE	COLOR TEMPERATURE	MANUFACTURER	MODEL OR SERIES				
L1	LED SITE LIGHTING WITH 16\"/>											

ISSUE DATE		
No.	Date	Issue Description
SD	Jan. 2, 2018	Schematic Design Submittal

Lincoln Park Site Improvements
 2915 East Commerce Street
 San Antonio, Texas 78202
 OWNER: City of San Antonio, TX
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

Landscape Architecture
Urban Design
Planning
 830 North Alamo Street
 San Antonio, Texas 78215
 210.692.9221
 www.bwcdesign.com

© 2018 Bender Wells Clark Design
 All rights reserved. No part of this document may be reproduced or utilized in any form without prior written authorization of Bender Wells Clark Design.

CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

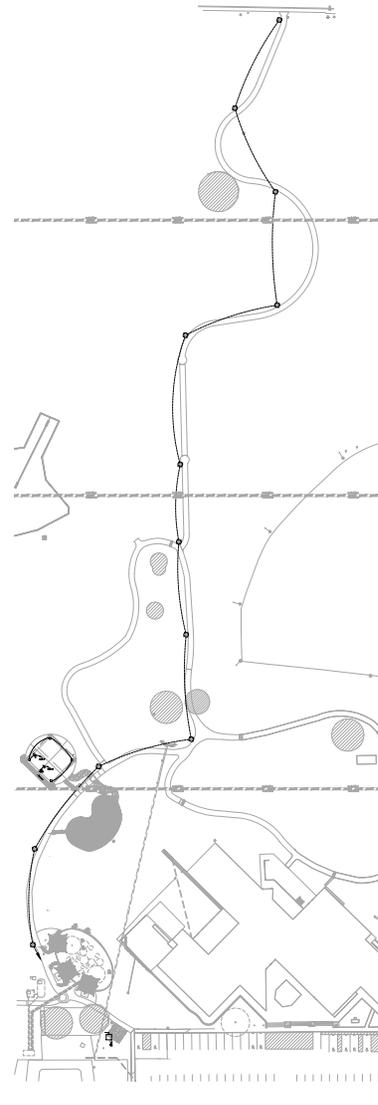
ELECTRICAL ENGINEER
HMS ENGINEERING
 902 North Flores
 San Antonio TX 78212
 (210) 393-1840



BWCD Proj. No.: Drawn By:
 SHEET TITLE & NO.:

ELECTRICAL DETAILS
E0.1

HMB ENGINEERING CONSULTANTS
 2902 NORTH FLORES
 SAN ANTONIO, TEXAS 78212
 210.393.1840 PHONE
 SAN ANTONIO - RGV
 TPE FIRM REGISTRATION NO. 13361



1 OVERALL ELECTRICAL PLAN
 1/64" = 1'-0"

GENERAL NOTES :

- A. MINIMUM CIRCUIT SIZE IS 2 #10 AND 1 #10 GROUND. ALL CONDUCTORS SHALL BE 75 DEGREE (MINIMUM) COPPER THHN, COLOR CODED AS PER NEC AND LOCAL AMENDMENTS WITH SIZE, TEMPERATURE, AND VOLTAGE PERMANENTLY PRINTED ON THE JACKET. ALL JOINTS SHALL BE MADE UP USING SELF LOCKING, TWIST-ON, COLOR CODED, SQUARE WIRE SPRING GRAB, LONG SKIRT, WIRE CONNECTORS WITH SWEPT WINGS.
- B. COORDINATE CONDUIT ROUTING WITH TRAIL ON-SITE TO MAINTAIN 24" SET BACK FROM EDGE OF TRAIL.
- C. PROVIDE UPDATED PANEL SCHEDULE FOR ELECTRICAL PANEL BEING MODIFIED TO SERVE NEW TRAIL LIGHTING.
- D. ON CIRCUITS GREATER THAN 20A, FEEDING MULTIPLE PIECES OF EQUIPMENT, PROVIDE FUSED DISCONNECTS (SIZED FOR EQUIPMENT PROTECTING).



2902 NORTH FLORES,
 SAN ANTONIO, TEXAS 78212
 210.393.1840 PHONE
 SAN ANTONIO - RGV
 TYPE FIRM REGISTRATION NO. 13361

ISSUE DATE

No.	Date	Issue Description
SD	Jan. 2, 2018	Schematic Design Submittal

**Lincoln Park
 Site Improvements**
 2915 East Commerce Street
 San Antonio, Texas 78202
 OWNER
 City of San Antonio, TX
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215



© 2018 Bender Wells Clark Design
 All rights reserved. No part of this document may be
 reproduced or utilized in any form without prior written
 authorization of Bender Wells Clark Design.

CIVIL ENGINEER
 CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

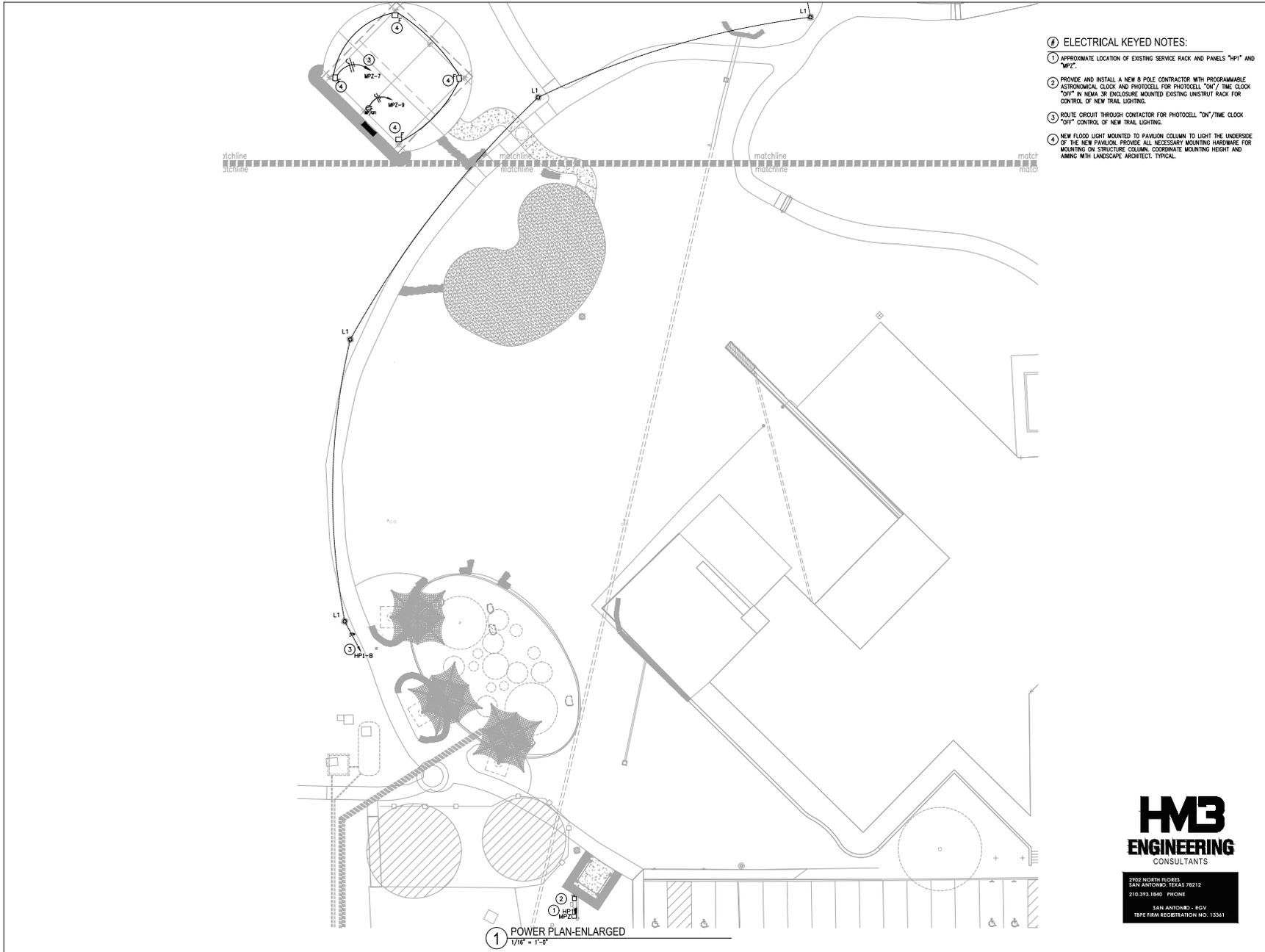
ELECTRICAL ENGINEER
 HMB ENGINEERING
 932 North Flores
 San Antonio TX 78212
 (210) 393-1840



BWCD Proj. No.: Drawn By:
 SHEET TITLE & NO.:

OVERALL
 ELECTRICAL PLAN
E1.0

Date: Jul 12, 2018, 3:53pm User ID: ALFRED
 File: C:\Dropbox\PROJECTS\2017\LINCOLN PARK SPLASH PAD CAD\ELECTRICAL - phase 2.dwg



- ④ ELECTRICAL KEYED NOTES:**
- ① APPROXIMATE LOCATION OF EXISTING SERVICE RACK AND PANELS "MP1" AND "MP2".
 - ② PROVIDE AND INSTALL A NEW 8 POLE CONTRACTOR WITH PROGRAMMABLE ASTRONOMICAL CLOCK AND PHOTOCELL FOR PHOTOCELL "ON" / TIME CLOCK "OFF" IN NEMA 3R ENCLOSURE MOUNTED EXISTING UNISTRUT RACK FOR CONTROL OF NEW TRAIL LIGHTING.
 - ③ ROUTE CIRCUIT THROUGH CONTRACTOR FOR PHOTOCELL "ON"/TIME CLOCK "OFF" CONTROL OF NEW TRAIL LIGHTING.
 - ④ NEW FLOOD LIGHT MOUNTED TO PAVILION COLUMN TO LIGHT THE UNDERSIDE OF THE NEW PAVILION. PROVIDE ALL NECESSARY MOUNTING HARDWARE FOR MOUNTING ON STRUCTURE COLUMN. COORDINATE MOUNTING HEIGHT AND AIMING WITH LANDSCAPE ARCHITECT. TYPICAL.

HMB
ENGINEERING
 CONSULTANTS

2902 NORTH FLORES
 SAN ANTONIO, TEXAS 78212
 210.393.1840 PHONE
 SAN ANTONIO, TEXAS - REG.
 TYPE FIRM REGISTRATION NO. 13361

ISSUE DATE		
No.	Date	Issue Description
SD	Jan. 2, 2018	Schematic Design Submittal

**Lincoln Park
 Site Improvements**

2915 East Commerce Street
 San Antonio, Texas 78202
 City of San Antonio, TX
 Contact: Mr. Pat Schneider
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

**Landscape
 Architecture**
Urban Design
Planning

830 North Alamo Street
 San Antonio, Texas 78215
 210.692.9221
 www.bwcdesign.com

© 2018 Bender Wells Clark Design
 All rights reserved. No part of this document may be
 reproduced or utilized in any form without prior written
 authorization of Bender Wells Clark Design.

CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
HMS ENGINEERING
 932 North Flores
 San Antonio TX 78212
 (210) 393-1840

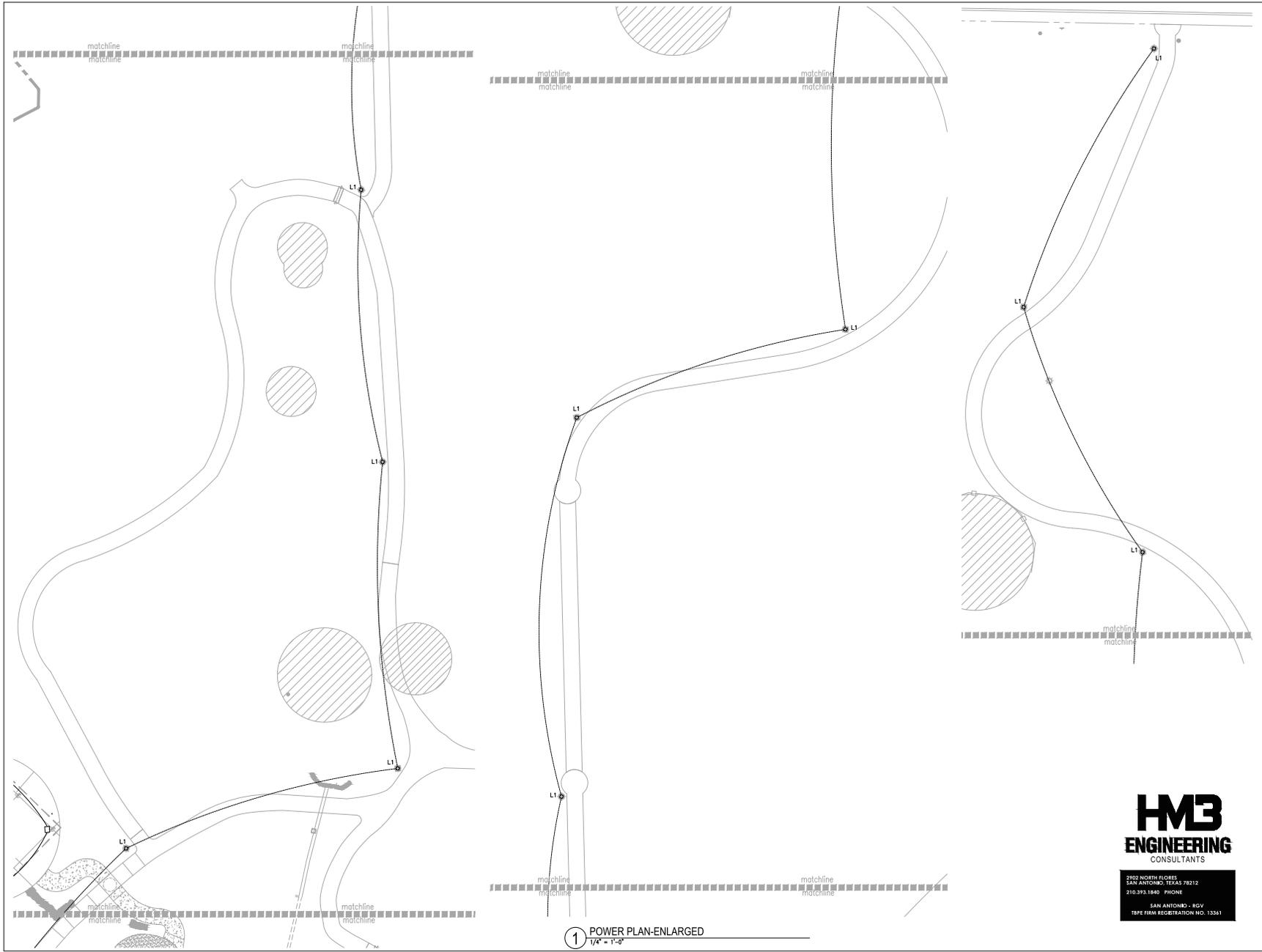
ALFREDO HERNANDEZ
 101108
 LICENSED PROFESSIONAL ENGINEER
 07-12-18

BWCD Proj. No.: Drawn By:
 SHEET TITLE & NO.:

**ENLARGED
 POWER PLAN**

E2.0

Date: Jul 12, 2016, 11:38am User: DF. ALFRED
 File: C:\Users\ALFRED\appdata\local\temp\ACPublish_15672\ELECTRICAL_phase 2.dwg



1 POWER PLAN-ENLARGED
 1/4" = 1'-0"

HMB
ENGINEERING
 CONSULTANTS

2902 NORTH FLORES,
 SAN ANTONIO, TEXAS 78212
 210.393.1840 PHONE
 SAN ANTONIO, TX - RGW
 TEXE FIRM REGISTRATION NO. 13361

ISSUE DATE		
No.	Date	Issue Description
SD	Jan. 2, 2018	Schematic Design Submittal

**Lincoln Park
 Site Improvements**

2915 East Commerce Street
 San Antonio, Texas 78202

OWNER
 City of San Antonio, TC1
 Project Manager
 Tel: 210-207-8466

LANDSCAPE ARCHITECT / PRIME CONSULTANT
 BENDER WELLS CLARK DESIGN
 830 N. ALAMO ST.
 SAN ANTONIO, TEXAS 78215

**Landscape
 Architecture**

Urban Design

Planning

830 North Alamo Street
 San Antonio, Texas 78215
 210.692.9221
 www.bwcdesign.com

© 2018 Bender Wells Clark Design
 All rights reserved. No part of this document may be
 reproduced or utilized in any form without prior written
 authorization of Bender Wells Clark Design.

CIVIL ENGINEER
CUDE ENGINEERS
 4122 Pond Hill Road, Ste. 101
 San Antonio, Texas 78231
 (210) 681-2951

ELECTRICAL ENGINEER
HMS ENGINEERING
 602 North Flores
 San Antonio TX 78212
 (210) 393-1840



BWCD Proj. No. 1 Drawn By: 1
 SHEET TITLE & NO. 1

ENLARGED
 POWER PLAN
E2.1

