



CONSTRUCTION PLANS FOR ORANGE COUNTY PARKS & RECREATION BARBER PARK PLAYGROUND IMPROVEMENTS DISTRICT NUMBER 3 ORANGE COUNTY, FLORIDA

SOURCE OF BENCH MARK
DATUM FOR THIS PROJECT

ORANGE COUNTY BM L911-811
PUBLISHED ELEVATION = 101.11 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
(AS PROVIDED ON THE SURVEY PREPARED BY
SOUTHEASTERN SURVEYING AND MAPPING, CORP.,
DRAWING NUMBER 46225009C, DATED 09-15-2015)

STANDARDS AND SPECIFICATIONS:

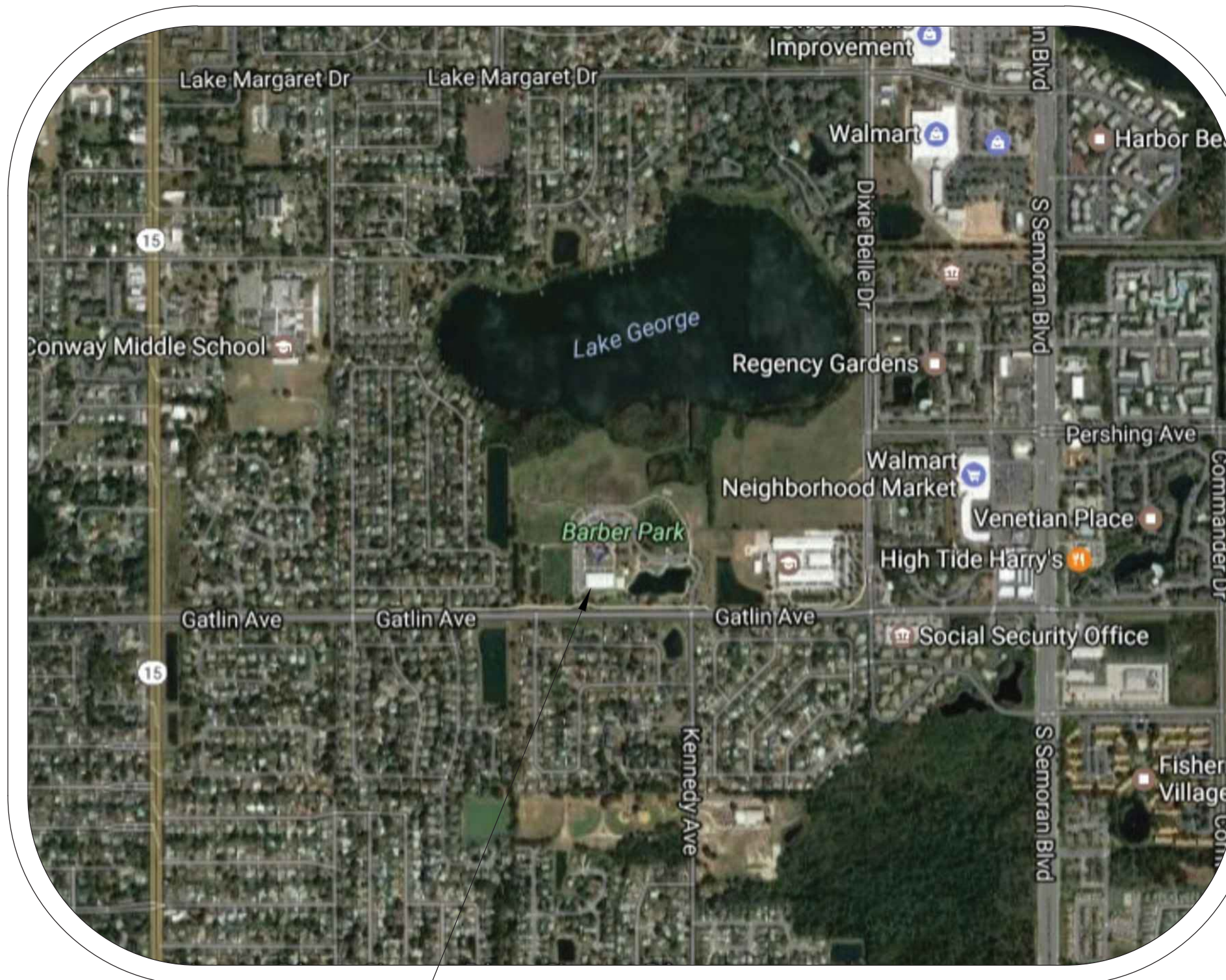
FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS FOR CONSTRUCTION AND MAINTENANCE ON THE STATE HIGHWAY SYSTEM (2017-18 EDITION).

AND

FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2018 EDITION) AS AMENDED BY CONTRACT DOCUMENTS.

AND

FLORIDA BUILDING CODE, FIFTH EDITION (2014)



NOT TO SCALE
VICINITY MAP
3701 GATLIN AVE,
ORLANDO, FL 32812

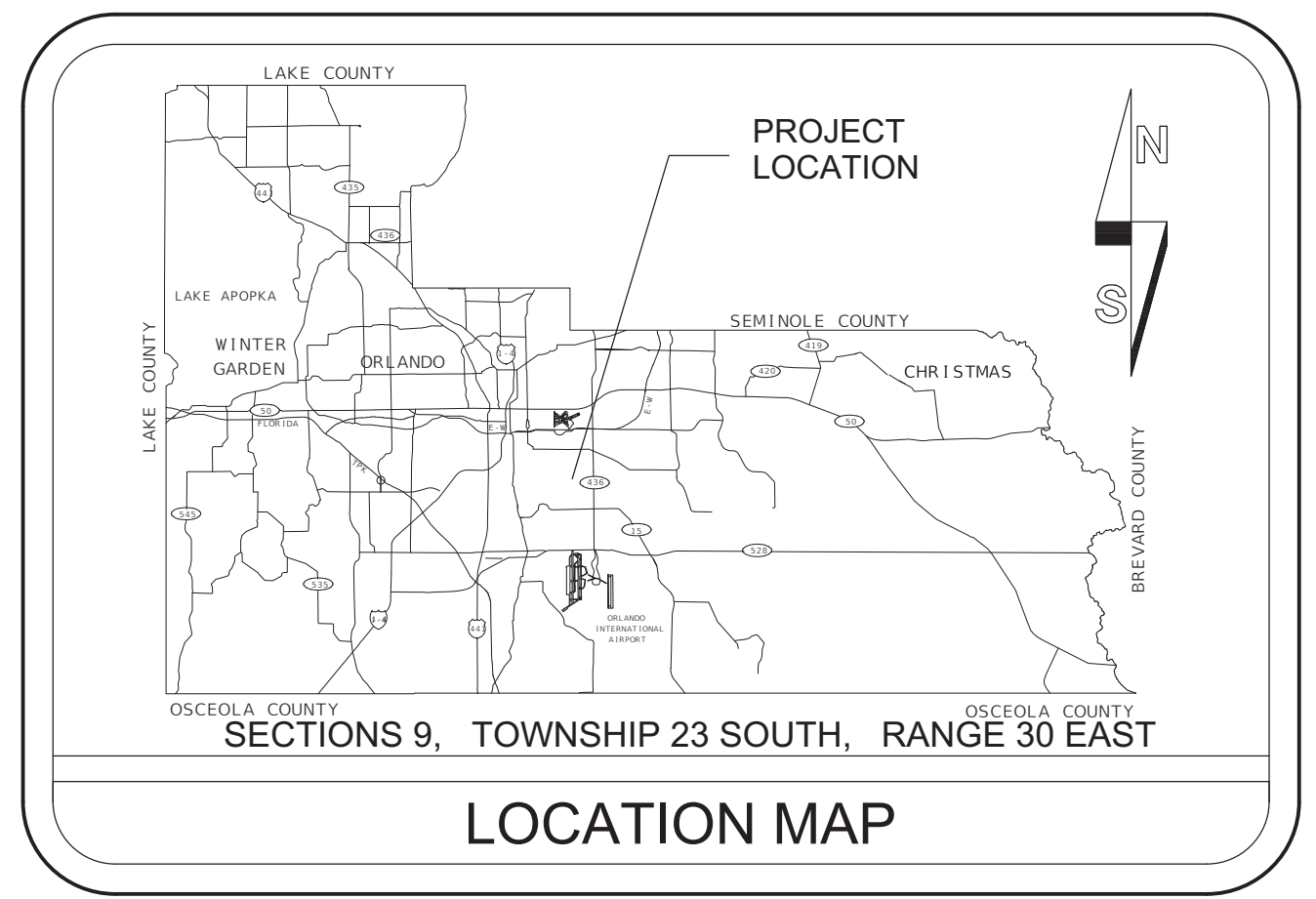
NOTES:
1. ATTENTION IS DIRECTED TO THE FACT THAT THESE PLANS MAY HAVE BEEN CHANGED IN SIZE BY REPRODUCTION. THIS MUST BE CONSIDERED WHEN OBTAINING SCALED DATA.

11" X 17" DRAWINGS ± HALF SIZE
22" X 34" DRAWINGS ± TO SCALE

2. INFORMATION SHOWN WITHIN THESE PLANS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

UTILITIES ENCOUNTERED

WATER & SEWER: ORANGE COUNTY UTILITIES	407-254-9700
WATER: ORLANDO UTILITIES COMMISSION	407-244-8736
ELECTRIC: ORLANDO UTILITIES COMMISSION	407-423-9100
PHONE: AT&T FLORIDA (GM9510@ATT.COM)	407-277-1782



LOCATION MAP

INDEX OF SHEETS

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SV.1-SV.4 - Survey

BID DOCUMENTS

BOARD OF COUNTY COMMISSIONERS

- | | |
|--------------------|--------------|
| TERESA JACOBS | COUNTY MAYOR |
| BETSY VANDERLEY | DISTRICT 1 |
| BRYAN NELSON | DISTRICT 2 |
| PETE CLARKE | DISTRICT 3 |
| JENNIFER THOMPSON | DISTRICT 4 |
| EMILY BONILLA | DISTRICT 5 |
| VICTORIA P. SIPLIN | DISTRICT 6 |

NOTE

PLANS WERE PREPARED TO AVAILABLE INFORMATION TO ADEQUATELY ADDRESS CONDITIONS AS THEY EXISTED AT THE TIME OF PLANS PREPARATION. DEEDS, CONDITIONS AND OWNERSHIP OF PROPERTIES MAY HAVE CHANGED SINCE PROJECT DESIGN. THE COUNTY'S REPRESENTATIVE WILL ADDRESS CHANGES AND NEEDS WITH THE PROPERTY OWNER OR THEIR REPRESENTATIVES. CONTRACTOR SHALL WORK WITH THE COUNTY'S REPRESENTATIVE IN ADDRESSING AND MEETING NEEDS AND CONDITIONS THAT MAY HAVE CHANGED SINCE PLANS PREPARATION.

CERTIFICATION TO PLANS

I HEREBY CERTIFY THAT THE DESIGN FOR THIS PROJECT AND THE ATTACHED CONSTRUCTION PLANS COMPLY WITH THE REQUIREMENTS OF SECTION 336.045 OF THE FLORIDA STATUTES AND ARE IN SUBSTANTIAL CONFORMANCE WITH THE STANDARDS CONTAINED IN THE EDITION OF THE "MANUAL FOR UNIFORM MINIMUM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE FOR STREETS AND HIGHWAYS" IN EFFECT ON THIS DATE AS ADOPTED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION PURSUANT TO SUBSECTION 336.045 (1) OF THE FLORIDA STATUTES.

DATE: _____ ENGINEER: JEFFREY J. EARHART REG. NO. 49935

ARCHITECTURAL DESIGN COLLABORATIVE
945 NORTH PENNSYLVANIA AVE.
WINTER PARK, FL 32789
(407) 629-1188

CIVIL ENGINEER
2215 WEMBLEY PLACE,
OVIEDO, FL 32765
(813) 361-2644
CONTACT: JEFF EARHART

REVISIONS	DATE	BY

DESIGNED BY: JJE DATE: 06/05/2017
DRAWN BY: MR DATE: 06/05/2017
CHECKED BY: MS DATE: 06/05/2017
PROJECT NO: 170033 BARBER PARK

SHEET C.1
OF 13

S:\ACTIVE PROJECT FILES\70033\BARBER PARK SPLASH PAD_ORLANDO\CADD\DWG\LAYO\70033_CON-PLAYGROUND.DWG

GENERAL NOTES:

1. ALL ELEVATIONS SHOWN IN THESE PLANS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH AND CONFORM TO THE MOST STRINGENT REQUIREMENTS OF THE PROJECT SPECIFICATIONS, THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND SUPPLEMENTS THERETO, AND ORANGE COUNTY ROAD CONSTRUCTION SPECIFICATIONS.
3. SUBSURFACE INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING TOPOGRAPHIC FEATURES FOR THE PROJECT. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUED AS PART OF THE PLAN GOVERNING CONSTRUCTION OF THE PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INQUIRE OF THE OWNER IF ADDITIONAL INFORMATION IS AVAILABLE, TO MAKE ARRANGEMENTS TO REVIEW SAME PRIOR TO BIDDING, AND TO MAKE HIS OWN DETERMINATION AS TO ALL SUBSURFACE CONDITIONS.
5. THE DISPOSAL OF EXCESS EARTHWORK MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. APPROVAL(S) OF THE DISPOSAL SITES SHALL BE OBTAINED FROM ORANGE COUNTY PRIOR TO DISPOSAL. ALL EXCESS MATERIALS ARE THE PROPERTY AND RESPONSIBILITY OF THE CONTRACTOR.
6. ALL EXISTING TREES WITHIN THE FOOTPRINT OF THE CONSTRUCTION LIMITS ARE TO BE REMOVED AS CLEARING AND GRUBBING UNLESS OTHERWISE DIRECTED.
7. SOD ALL DISTURBED AREAS UNLESS OTHERWISE SHOWN ON THE PLANS. SOD SHALL MATCH EXISTING TYPE SOD UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
9. PEGGED SOD TO BE PLACED ON ALL SLOPES 1:2 OR STEEPER.
10. SAWCUT CONCRETE DRIVEWAYS AS REQUIRED FOR CONSTRUCTION.
11. ALL PAVEMENT OFFSETS SHOWN ARE TO PROPOSED CENTERLINE OF CONSTRUCTION; ALL RADII AND DIMENSIONS ARE TO PROPOSED EDGE OF PAVEMENT.
12. FOR STABILIZATION AT TURNOUTS AND DRIVEWAYS CONNECTIONS SEE STANDARD INDEX No. 515 AND TYPICAL SECTIONS FOR DEPTH AND LBR.
13. DRIVEWAY LOCATIONS AND WIDTHS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED AS NECESSARY AS DIRECTED BY THE ENGINEER.
14. THE CONTRACTOR SHALL PERFORM HIS WORK IN ACCORDANCE WITH REQUIREMENTS OF THE VARIOUS PERMITS INCLUDED IN THE BID SPECIFICATIONS. PAYMENT IS INCLUDED IN THE BID PRICE FOR SECTION 104: "PREVENTION, CONTROL, AND ABATEMENT OF EROSION AND WATER POLLUTION", EXCLUDING ITEMS SPECIFIED ELSEWHERE. ENVIRONMENTAL CONTROLS SHALL BE USED AT LOCATIONS DESIGNATED IN THE STORMWATER POLLUTION PREVENTION PLAN AND/OR DESIGNATED BY THE ENGINEER.
15. THE INFORMATION SHOWN ON THESE DRAWINGS CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS BASED ON AVAILABLE RECORDS AND SURVEYS BUT IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR SHALL MAKE HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF THE UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO AND IS RESPONSIBLE FOR COORDINATING UTILITY RELOCATION WITH PROJECT CONSTRUCTION. PRIOR TO ORDERING DRAINAGE STRUCTURES, THE CONTRACTOR SHALL DETERMINE IF DRAINAGE/UTILITY CONFLICTS EXIST. INFORMATION ON CONFLICTS IS TO BE SUBMITTED TO THE ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY FOR RESOLUTION. SUNSHINE STATE ONE CALL MUST BE NOTIFIED FOR LOCATES AT 1-800-432-4770.
16. UTILITIES ARE TO BE ADJUSTED BY THE CONTRACTOR OR AS DIRECTED BY THE ENGINEER.
17. THE CONTRACTOR SHALL NOTIFY ALL GAS UTILITY COMPANIES A MINIMUM OF TWO WORKING DAYS PRIOR TO EXCAVATION AS REQUIRED BY CHAPTER 77-153 OF THE FLORIDA STATUTES.
18. ALL DRAINAGE PIPES SHALL BE STEEL REINFORCED CONCRETE PIPES, CLASS III, UNLESS OTHERWISE NOTED.
19. INLET ELEVATIONS SHOWN IN THE PLANS REFER TO THE EDGE OF PAVEMENT AT THE CENTER OF CURB INLETS AND THE TOP OF THE GRATE FOR DITCH BOTTOM INLETS.
20. ALL EXCAVATIONS SHALL BE REQUIRED TO CONFORM TO THE PROVISIONS OF PART IV OF CHAPTER 553.60, F.S., ALSO KNOWN AS THE "TRENCH SAFETY ACT", TO PROTECT EXISTING PAVEMENT, STRUCTURES, FOUNDATIONS, AND CONSTRUCTION PERSONNEL DURING CONSTRUCTION OF THE PROJECT.
22. ALL MANHOLE COVERS SHALL INCLUDE THE ORANGE COUNTY LOGO AND BE IDENTIFIED AS "ORANGE COUNTY SANITARY", "ORANGE COUNTY STORM", OR "ORANGE COUNTY WATER", AS APPROPRIATE. (SEE DETAILS BELOW)
23. ALL INLET/MANHOLE - PIPE JOINTS SHALL BE FILLED WITH NON-SHRINK GROUT, COVERED WITH AN ASPHALTIC MASTIC COATING, AND WRAPPED WITH A FILTER FABRIC MATERIAL PER SECTION 13.03.03 OF THE ORANGE COUNTY ROAD CONSTRUCTION SPECIFICATIONS.
24. ALL CURB INLETS, DITCH BOTTOM INLETS, AND MANHOLES SHALL HAVE TRAFFIC BEARING FRAMES AND COVERS OR GRATES MEETING HS-20 LOADING REQUIREMENTS.
25. ALL EXISTING DRAINAGE STRUCTURES AND PIPES WITHIN THE LIMITS OF CONSTRUCTION SHALL REMAIN, UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.
26. DESIGN CHANGES OF PIPE INVERTS NOT EXCEEDING PLUS OR MINUS ONE FOOT WILL NOT BE CONSIDERED AS A BASIS /FOR ADDITIONAL COMPENSATION FOR THE PERTINENT PIPE BID ITEM OR FOR MODIFICATION OF PRECAST STRUCTURES.

GENERAL NOTES CONTINUED:

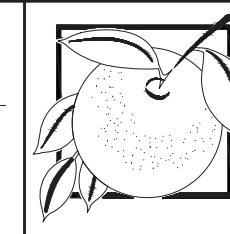
27. ALL (P.R.M.'s) IRONS AND MONUMENTS SHOWN ON PLANS, OR FOUND, SHALL BE PRESERVED. THOSE SHOWN IN PROPOSED PAVEMENT SHALL BE PROTECTED WITH CAST IRON VALVE BOX.
28. ANY U.S.C. AND G.S. MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF IN DANGER OF DAMAGE, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER, ORANGE COUNTY SURVEY SECTION 407-836-7940 AND BOTH SHALL NOTIFY: DAVID NEWCOMER, NOAA AND RANDY WEGNER, NOAA, C/O FLDEP, BUREAU OF SURVEY AND MAPPING, MS 105, 3900 COMMONWEALTH BOULEVARD, TALLAHASSEE, FL 32399-3000, TELEPHONE: (850) 245-2606, FAX: (850) 245-2645.
29. PUBLIC LAND CORNERS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED OR DISTURBED, THE CONTRACTOR SHALL NOTIFY THE PROJECT ENGINEER AND THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE 407-836-7940. THE CONTRACTOR SHALL PROVIDE WRITTEN FOLLOW UP CONFIRMATION WITHIN 48 HOURS OF TELEPHONE NOTIFICATION.
30. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO ORANGE COUNTY CAPITAL PROJECTS DIVISION A SET OF FIELD NOTES VERIFYING THE BENCHMARK ELEVATIONS AND THE REFERENCE POINT TIES SHOWN ON THE TITLE SHEET AND PLAN AND PROFILE SHEETS, AND/OR A SET OF FIELD NOTES FOR ALL ADDITIONAL BENCHMARK AND REFERENCE POINT TIES PROPOSED TO BE USED IN CONSTRUCTING THE PROJECT WITH THEIR LOCATION, DESCRIPTION AND ELEVATION, BASED ON ORANGE COUNTY DATUM. ALL SUBMITTALS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA.
31. TO MEET ADA REQUIREMENTS, ALL SIDEWALK CONSTRUCTION SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION, STATE FDOT INDEX 304, INDEX 310, AND INDEX 600.
32. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
33. CONTRACTOR IS TO MAINTAIN UNINTERRUPTED ACCESS TO ALL DRIVEWAYS AND SIDE STREETS AT ALL TIMES AND IS TO NOTIFY PROPERTY OWNERS FIVE DAYS PRIOR TO STARTING CONSTRUCTION.
34. PRIOR TO COMMENCEMENT OF WORK, THE CONTRACTOR SHALL CALL SUNSHINE ONE TWO BUSINESS DAYS IN ADVANCE OF PERFORMING ANY UTILITY ADJUSTMENTS OR RELOCATIONS. SUNSHINE ONE PHONE NUMBER 1-(800)-432-4770.
35. CONTRACTOR TO VIDEOTAPE AND PHOTOGRAPH THE LIMITS OF CONSTRUCTION PRIOR CONSTRUCTION AND GIVE A COPY TO THE COUNTY. COST TO BE INCLUDED IN THE PRICE BID FOR ITEM NO. 101-1, MOBILIZATION.
36. THE RUNNING SLOPE OF WALKING SURFACES ON AN ACCESSIBLE ROUTE SHALL NOT BE STEEPER THAN 1:20. THE CROSS SLOPE OF WALKING SURFACES SHALL NOT BE STEEPER THAN 1:48. FBC ACCESSIBILITY 403.3. THE CONTRACTOR SHALL REVISE ELEVATION AND SIDE LOCATIONS TO MEET THIS REQUIREMENT AS NEEDED.
37. CITY OF ORLANDO'S GUIDELINES FOR EROSION SEDIMENT CONTROL (A.K.A. THE BLUE SHEET) WILL SERVE AS A GUIDE FOR THE IMPLEMENTATION OF EROSION SEDIMENT CONTROL MEASURES. THE BLUE SHEET CAN BE FOUND ON THE CITY OF ORLANDO WEBSITE.

PLOT DATE: 2018-06-06

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission



JEFFREY EARTHART, PE, ENGINEER OF RECORD FLORIDA REG. PROF. ENGINEER No.: 49935



ORANGE COUNTY GOVERNMENT FLORIDA

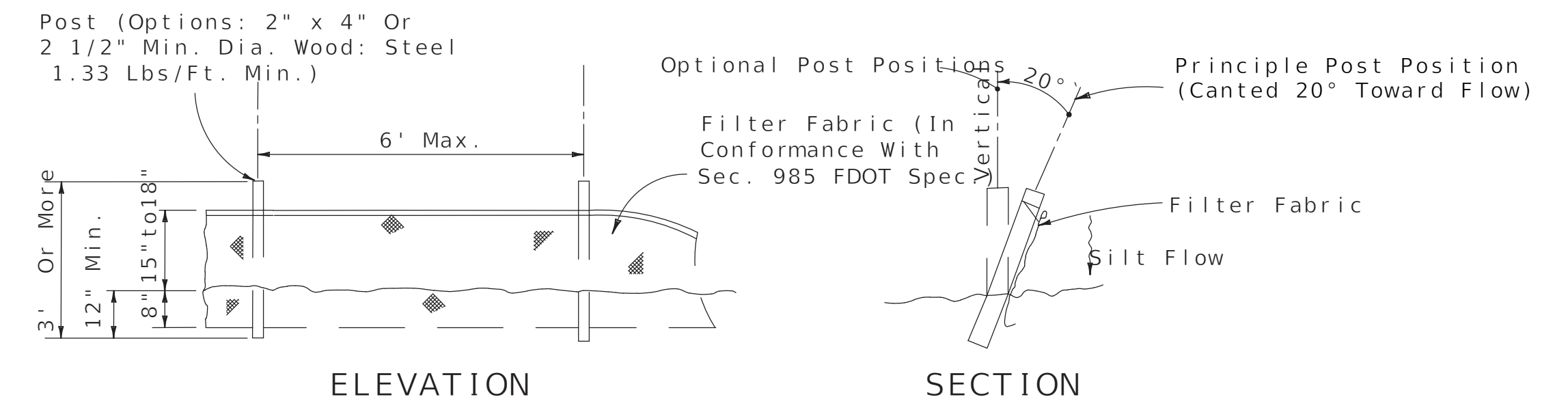
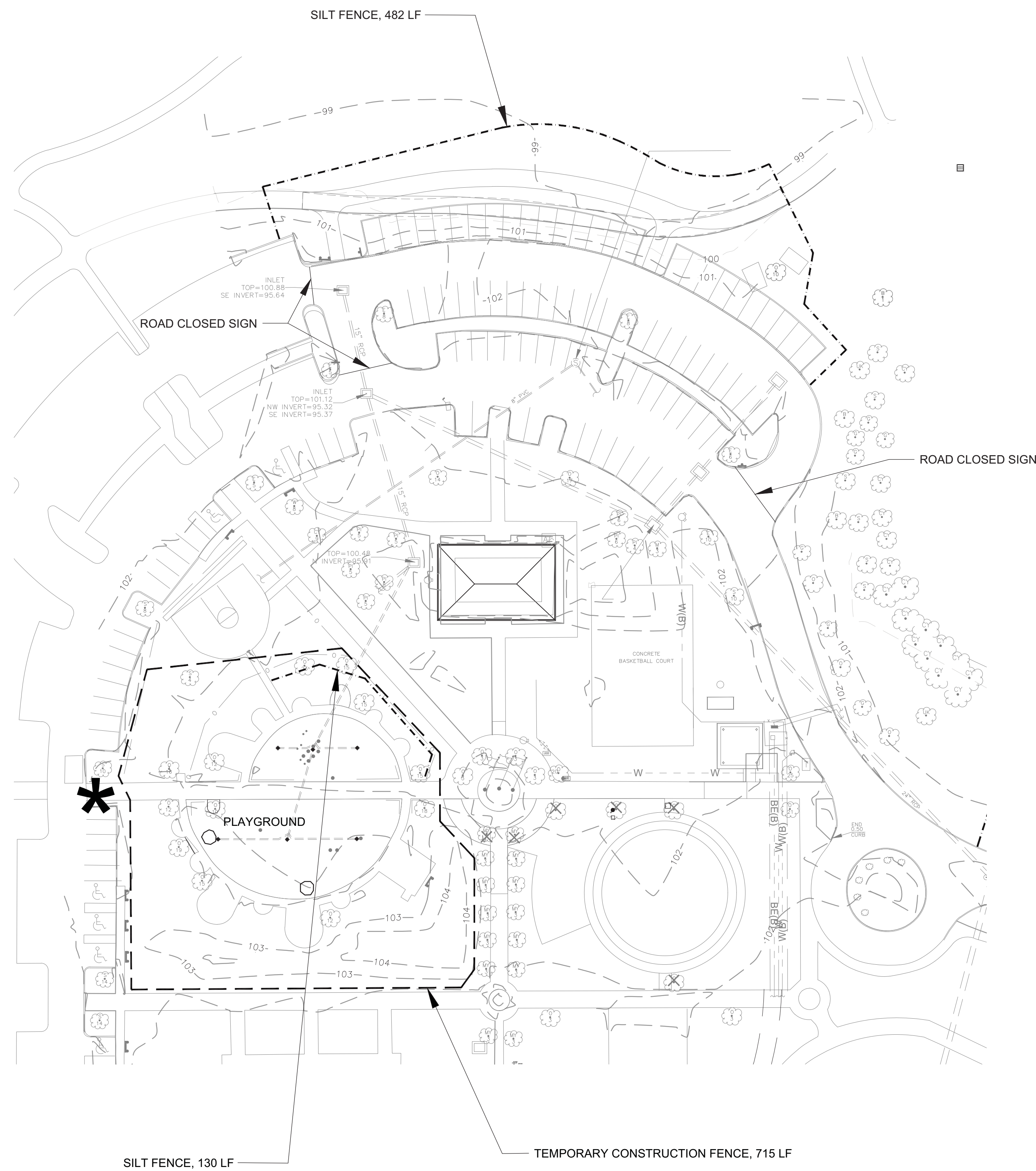
BARBER PARK PLAYGROUND IMPROVEMENTS 3701 GATLIN AVENUE, ORLANDO, FL 32812

GENERAL NOTES

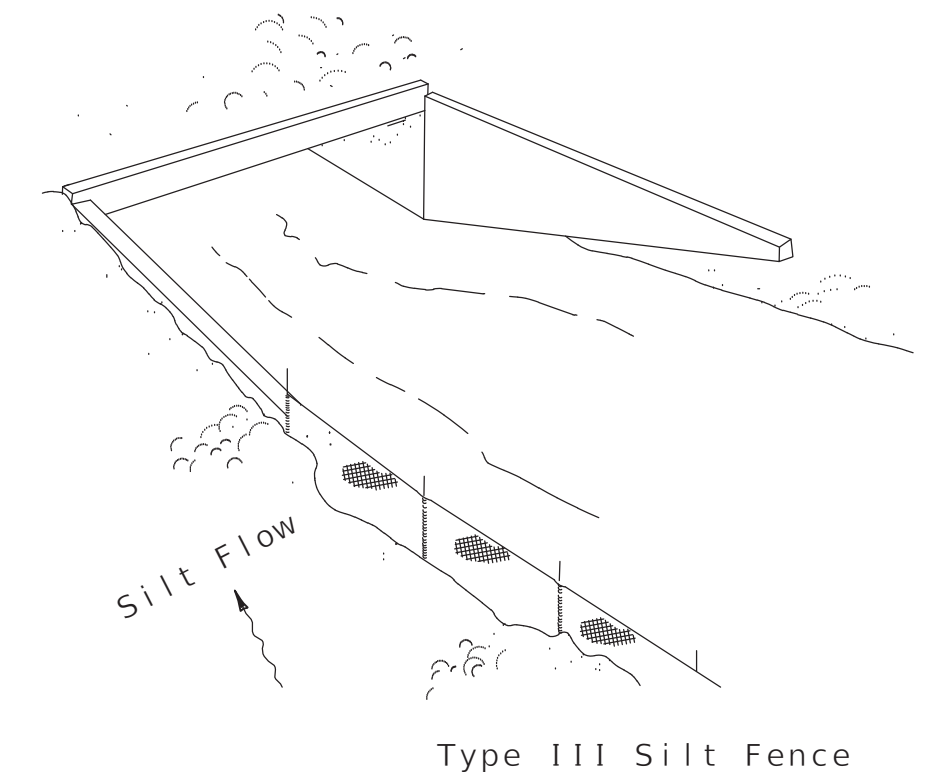
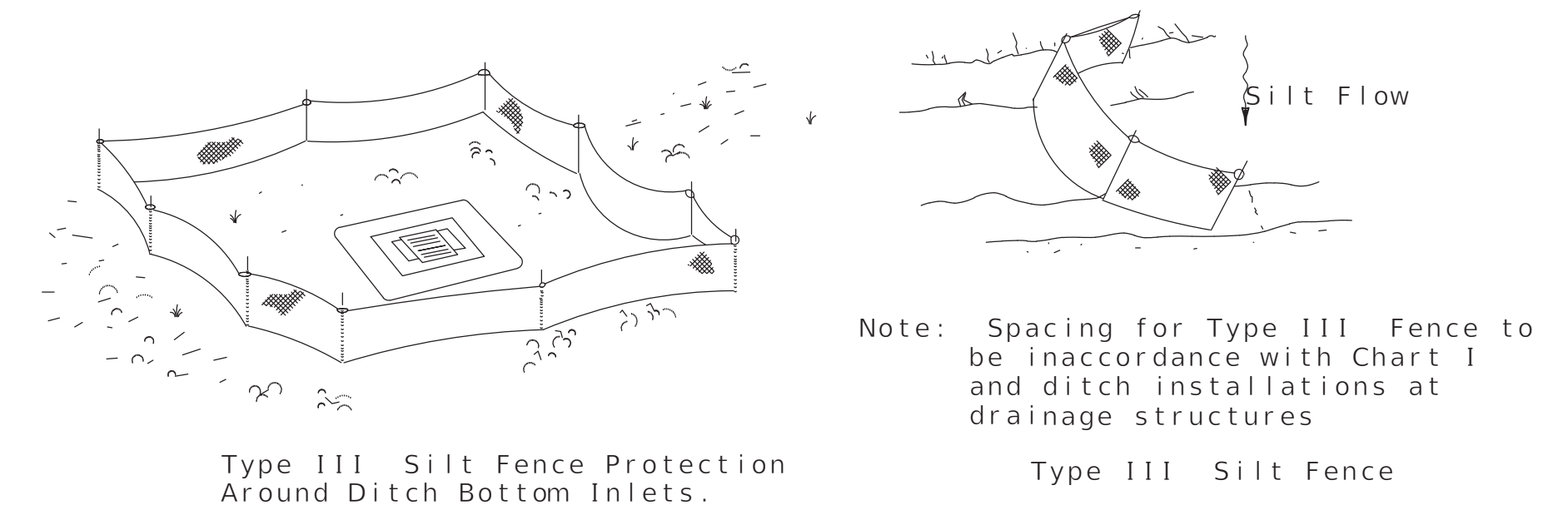
SHEET NUMBER

C. 2

OF 18 SHEETS



TYPE III SILT FENCE

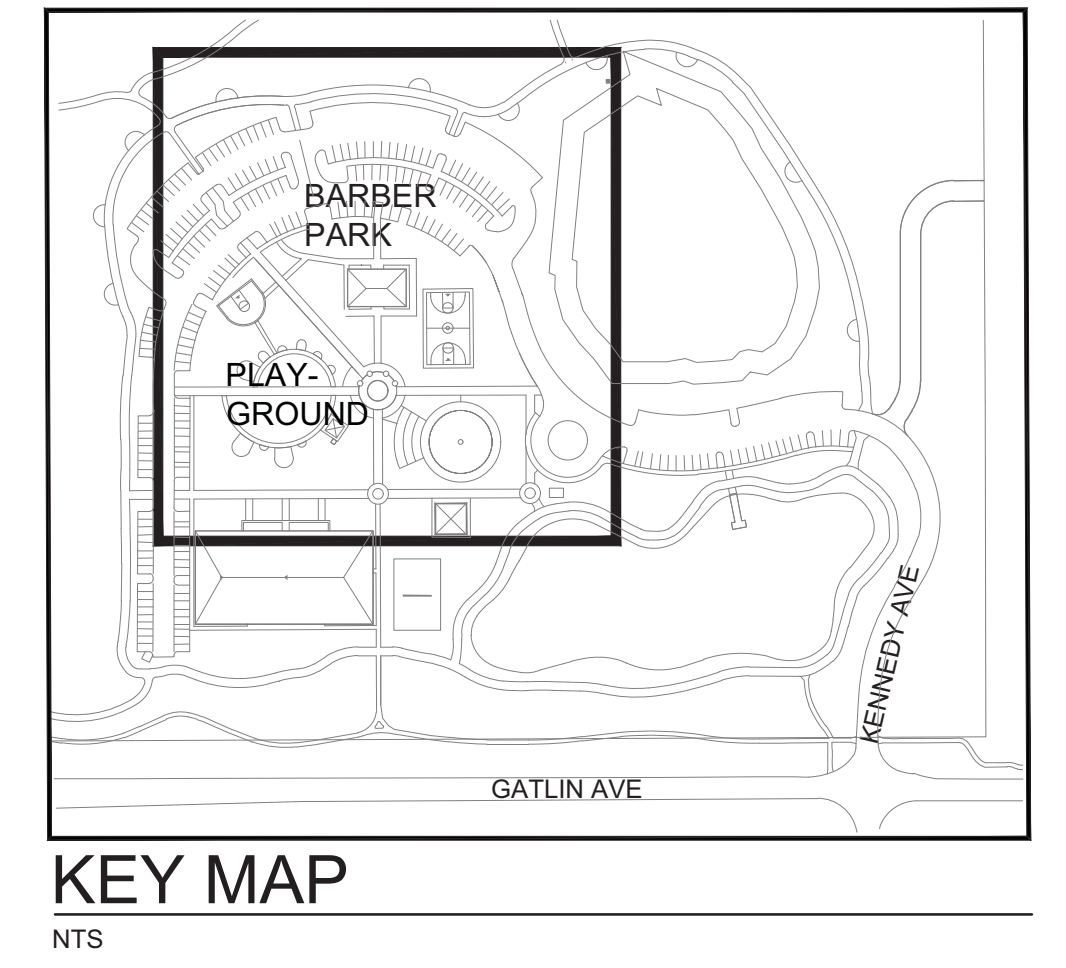
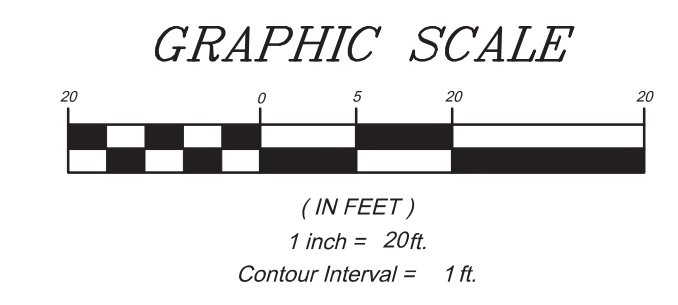


Do not deploy in a manner that silt fences will act as a dam across permanent flowing watercourses. Silt fences are to be used at upland locations and turbidity barriers used at permanent bodies of water.

SILT FENCE APPLICATIONS NTS

LEGEND

- * CONSTRUCTION ACCESS
- - - - - SILT CONTROL FENCE
- · - · - TEMPORARY CONSTRUCTION FENCE



NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
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5615 PENNSYLVANIA AVENUE
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2215 WEMBLEY PLACE
ORLANDO, FL 32765
(407) 267-8905
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JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

ORANGE COUNTY GOVERNMENT FLORIDA

BARBER PARK PLAYGROUND IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

EROSION CONTROL PLAN

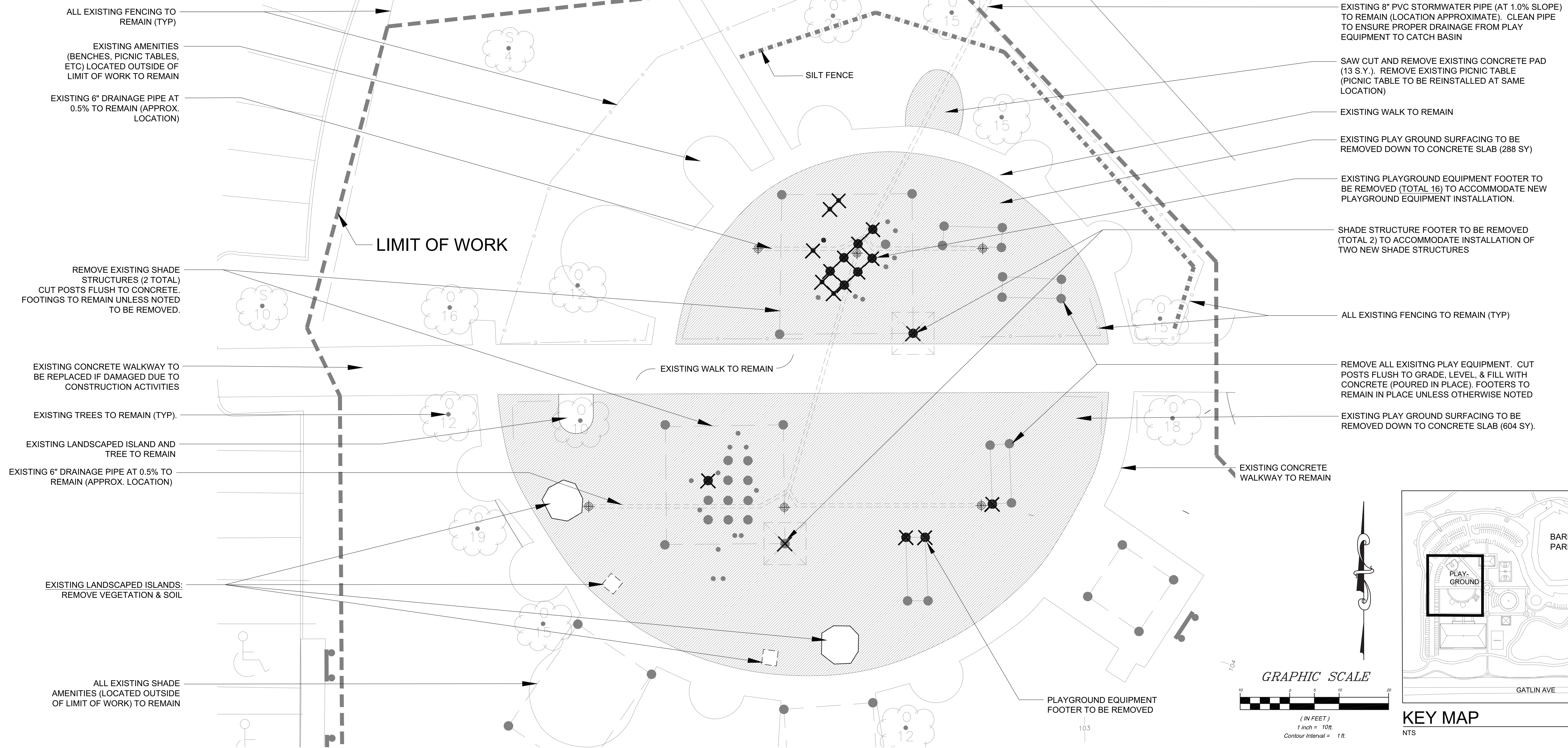
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C.3
OF 18 SHEETS

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NOTE:
FOR BIDDING PURPOSES
ASSUME ALL CONCRETE PAD
TO BE REMOVED. A
SELECTIVE REMOVE PLAN IS
PRESENT IN THE PLAN. AFTER
AWARD, CONTRACTOR TO
SUBMIT CONCRETE/FOOTING
REMOVAL PLAN TO COUNTY

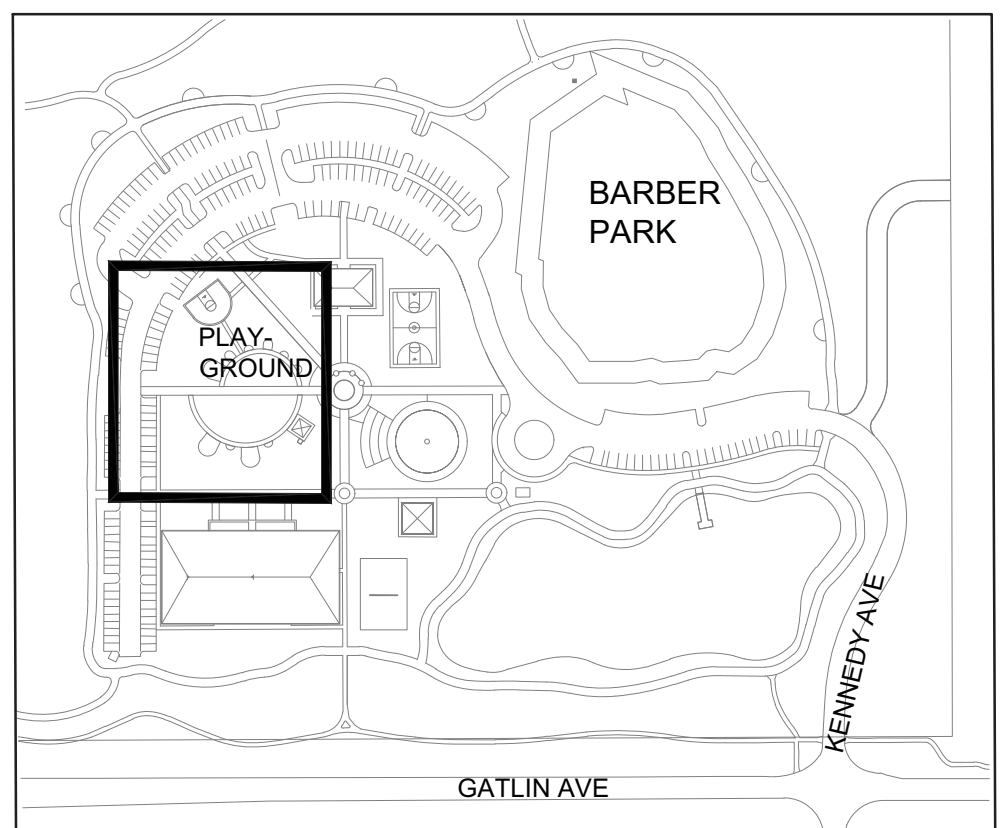
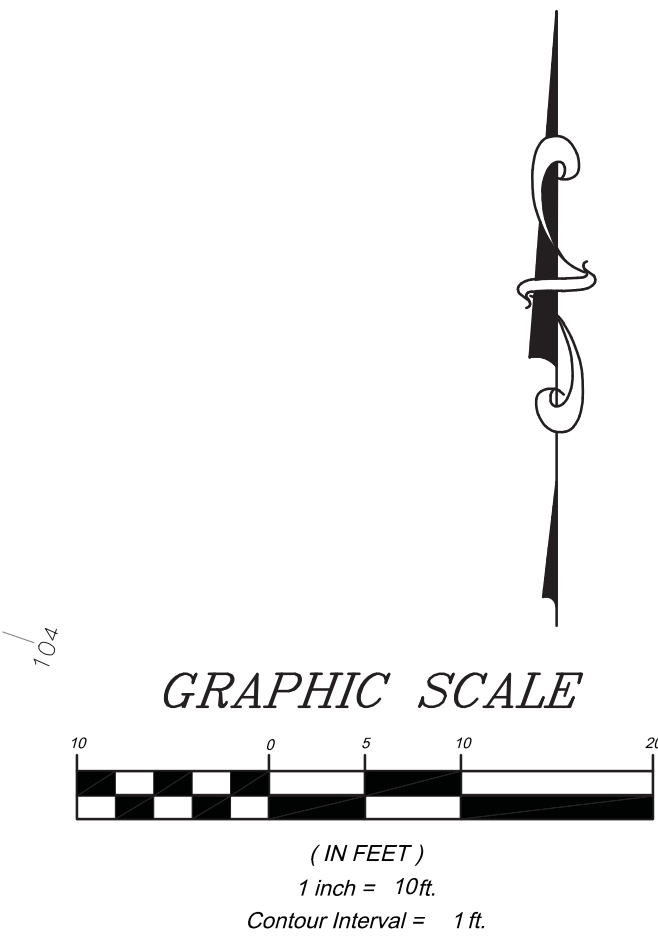
DEMOLITION PLAN KEYED NOTES

- CONTRACTOR SHALL OBTAIN ADVANCE APPROVAL FROM PROJECT ENGINEER FOR DIMENSIONS AND LIMITS OF DEMOLITION WORKS.
- WHERE EXISTING PAVEMENT, CURB OR CONCRETE SLAB IS TO REMAIN, MAKE STRAIGHT SAW CUT INTO THE EXISTING STRUCTURE TO PROVIDE A CLEAN BREAK PRIOR TO REMOVAL.
- REMOVE ALL DEBRIS FROM SITE IN ACCORDANCE WITH COUNTY'S STANDARD SPECIFICATIONS REQUIREMENTS FOR WASTE MATERIAL DISPOSAL.
- CONTRACTOR SHALL PHOTO DOCUMENT PLAY EQUIPMENT & SHADE EQUIPMENT IN PLACE PRIOR TO DEMOLITION. CONTRACTOR SHALL PROVIDE REMOVAL DOCUMENTATION TO COUNTY COMPTROLLER AS REMOVED FROM INVENTORY AND CITE METHOD OF DISPOSAL.
- CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING FOOTERS (PLAY EQUIPMENT FOOTERS & SHADE STRUCTURES). WHERE CONFLICTS ARISE BETWEEN THE EXISTING FOOTERS AND NEW FOOTERS, THE EXISTING FOOTERS SHALL BE REMOVED. FOR EACH FOOTER REQUIRING REMOVAL, CUT A 30" X 30" SECTION OF THE CONCRETE PAD SURROUNDING THE FOOTER. MAKE A STRAIGHT SAW CUT INTO THE EXISTING CONCRETE PAD TO PROVIDE A CLEAN BREAK PRIOR TO REMOVAL. THE CONTRACTOR, INSTEAD OF PARTIAL REMOVAL OF CONCRETE AND FOOTERS, MAY REMOVE ALL CONCRETE AND CONSTRUCT NEW CONCRETE BASE AND FOOTINGS.
- CONTRACTOR SHALL IMMEDIATELY REPAIR ANY DAMAGE TO EXISTING STRUCTURES MADE DURING DEMOLITION. DAMAGED ITEMS SHALL BE RESTORED OR REBUILT.
- CLEAR GRASS AREA NEEDED FOR CONSTRUCTION AND RESOD DISTURBED AREAS



- EXISTING 8" PVC STORMWATER PIPE (AT 1.0% SLOPE) TO REMAIN (LOCATION APPROXIMATE). CLEAN PIPE TO ENSURE PROPER DRAINAGE FROM PLAY EQUIPMENT TO CATCH BASIN
- SAW CUT AND REMOVE EXISTING CONCRETE PAD (13 S.Y.). REMOVE EXISTING PICNIC TABLE (PICNIC TABLE TO BE REINSTALLED AT SAME LOCATION)
- EXISTING WALK TO REMAIN
- EXISTING PLAY GROUND SURFACING TO BE REMOVED DOWN TO CONCRETE SLAB (288 SY)
- EXISTING PLAYGROUND EQUIPMENT FOOTER TO BE REMOVED (TOTAL 16) TO ACCOMMODATE NEW PLAYGROUND EQUIPMENT INSTALLATION.
- SHADE STRUCTURE FOOTER TO BE REMOVED (TOTAL 2) TO ACCOMMODATE INSTALLATION OF TWO NEW SHADE STRUCTURES
- ALL EXISTING FENCING TO REMAIN (TYP)
- REMOVE ALL EXISTING PLAY EQUIPMENT. CUT POSTS FLUSH TO GRADE, LEVEL, & FILL WITH CONCRETE (POURED IN PLACE). FOOTERS TO REMAIN IN PLACE UNLESS OTHERWISE NOTED
- EXISTING PLAY GROUND SURFACING TO BE REMOVED DOWN TO CONCRETE SLAB (604 SY).

- ALL EXISTING FENCING TO REMAIN (TYP)
- EXISTING AMENITIES (BENCHES, PICNIC TABLES, ETC) LOCATED OUTSIDE OF LIMIT OF WORK TO REMAIN
- EXISTING 6" DRAINAGE PIPE AT 0.5% TO REMAIN (APPROX. LOCATION)
- REMOVE EXISTING SHADE STRUCTURES (2 TOTAL) CUT POSTS FLUSH TO CONCRETE. FOOTINGS TO REMAIN UNLESS NOTED TO BE REMOVED.
- EXISTING CONCRETE WALKWAY TO BE REPLACED IF DAMAGED DUE TO CONSTRUCTION ACTIVITIES
- EXISTING TREES TO REMAIN (TYP).
- EXISTING LANDSCAPED ISLAND AND TREE TO REMAIN
- EXISTING 6" DRAINAGE PIPE AT 0.5% TO REMAIN (APPROX. LOCATION)
- EXISTING LANDSCAPED ISLANDS: REMOVE VEGETATION & SOIL
- ALL EXISTING SHADE AMENITIES (LOCATED OUTSIDE OF LIMIT OF WORK) TO REMAIN



KEY MAP
NTS

PLOT DATE: 2018-06-06

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
ARCHITECTURAL DESIGN
COLLABORATIVE
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JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

**ORANGE COUNTY
GOVERNMENT
FLORIDA**

**BARBER PARK
PLAYGROUND
IMPROVEMENTS**
3701 GATLIN AVENUE, ORLANDO, FL 32812

DEMOLITION PLAN - PLAYGROUND

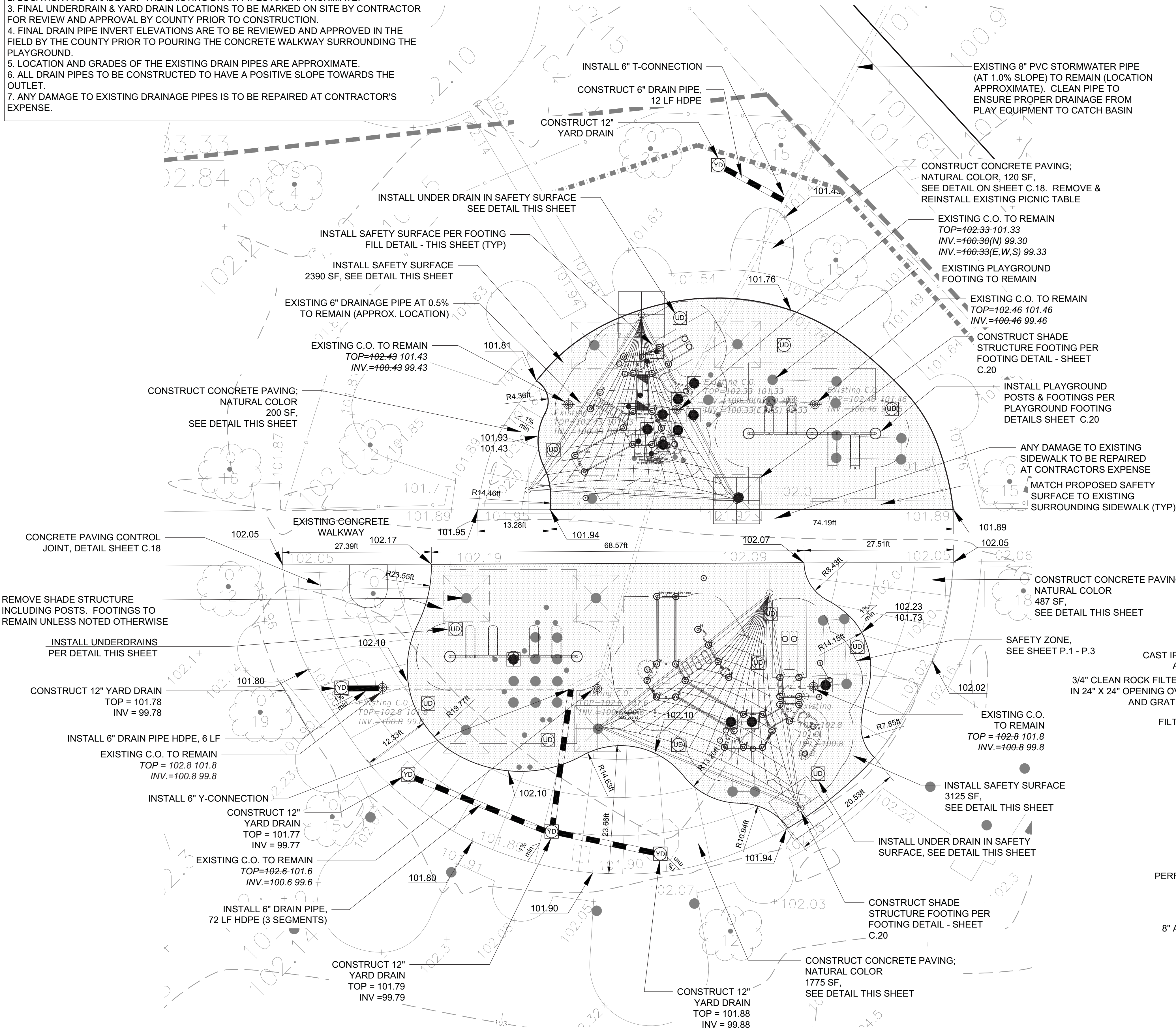
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NOTES:

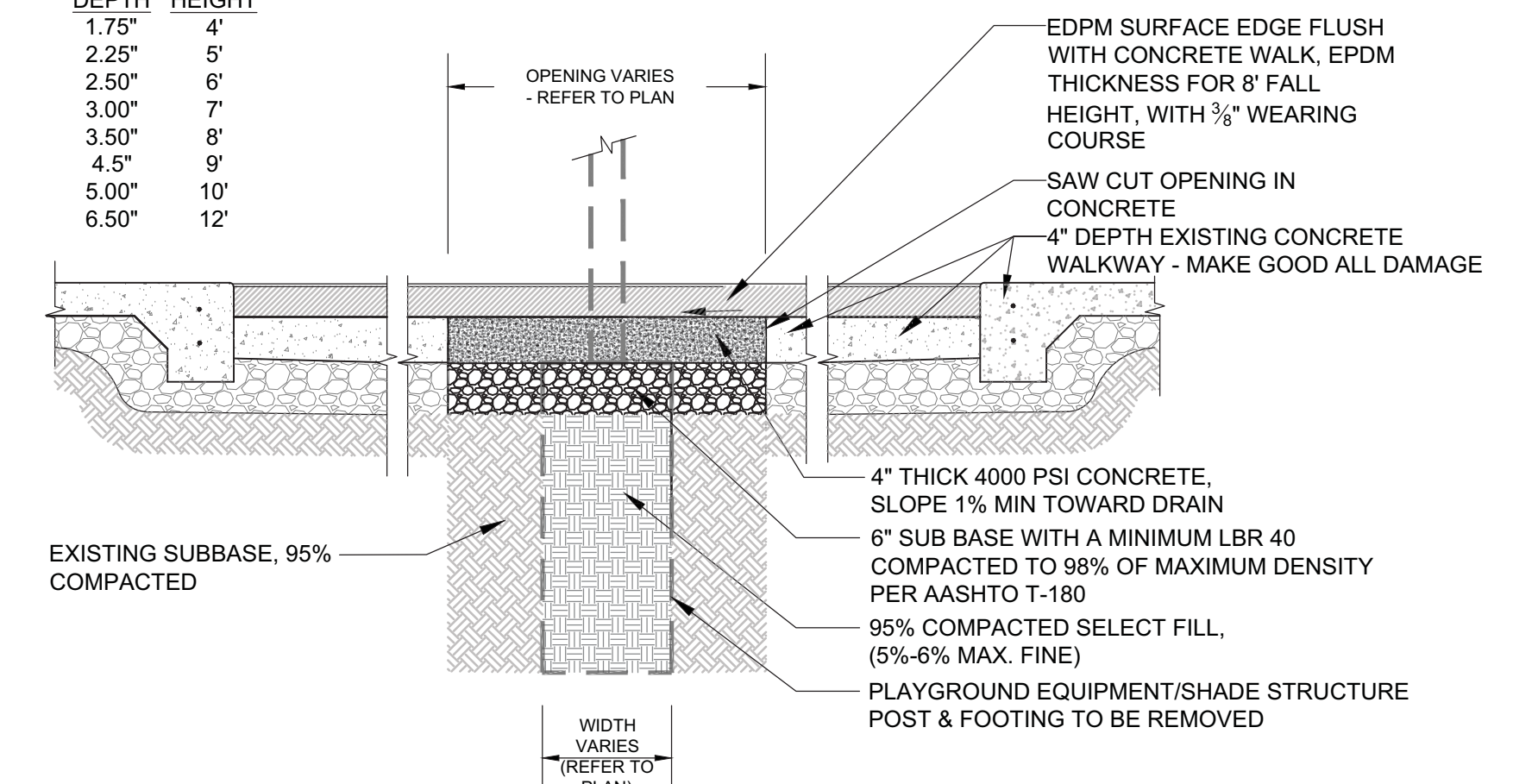
1. CONTRACTOR SHALL VERIFY ACTUAL FIELD CONDITIONS UPON REMOVAL OF POURED IN PLACE SAFETY SURFACE INCLUDING, BUT NOT LIMITED TO, EXISTING DRAIN PIPE INVERT ELEVATIONS, FINISH SURFACE GRADES OF EXISTING POURED IN PLACE CONCRETE BASE, AND TOPS OF EXISTING FOOTINGS TO REMAIN. CONTRACTOR SHALL VERIFY ACTUAL FIELD CONDITIONS UPON REMOVAL OF POURED IN PLACE SAFETY SURFACE INCLUDING, BUT NOT LIMITED TO: EXISTING DRAIN PIPE INVERT ELEVATIONS, FINISH SURFACE GRADES OF EXISTING POURED IN PLACE CONCRETE BASE, AND TOPS OF EXISTING FOOTINGS TO REMAIN.
2. LOCATION AND GRADES OF THE EXISTING DRAIN PIPES ARE APPROXIMATE.
3. FINAL UNDERDRAIN & YARD DRAIN LOCATIONS TO BE MARKED ON SITE BY CONTRACTOR FOR REVIEW AND APPROVAL BY COUNTY PRIOR TO CONSTRUCTION.
4. FINAL DRAIN PIPE INVERT ELEVATIONS ARE TO BE REVIEWED AND APPROVED IN THE FIELD BY THE COUNTY PRIOR TO POURING THE CONCRETE WALKWAY SURROUNDING THE PLAYGROUND.
5. LOCATION AND GRADES OF THE EXISTING DRAIN PIPES ARE APPROXIMATE.
6. ALL DRAIN PIPES TO BE CONSTRUCTED TO HAVE A POSITIVE SLOPE TOWARDS THE OUTLET.
7. ANY DAMAGE TO EXISTING DRAINAGE PIPES IS TO BE REPAIRED AT CONTRACTOR'S EXPENSE.

8. ANY DRAINAGE PIPE RELOCATION IS TO BE COORDINATED WITH THE PLAYGROUND AND SHADE STRUCTURE INSTALLERS.
9. DRAINAGE PIPE INSTALLATION TO BE FIELD DOCUMENTED WITH DIGITAL PHOTOGRAPHS. PHOTOGRAPHS TO BE DELIVERED TO COUNTY PRIOR TO POURING CONCRETE WALKWAY AND FOOTINGS.
10. MAXIMUM SLOPE OF THE POURED IN PLACE SAFETY SURFACE (EDPM) TO BE 2%.
11. MAXIMUM SLOPE OF THE CONCRETE WALKWAY SURROUNDING THE PLAYGROUND TO BE 2%.
12. CONTRACTOR TO SUBMIT A CONCRETE JOINT LAYOUT PLAN FOR APPROVAL BY COUNTY PRIOR TO POURING CONCRETE WALKWAYS.

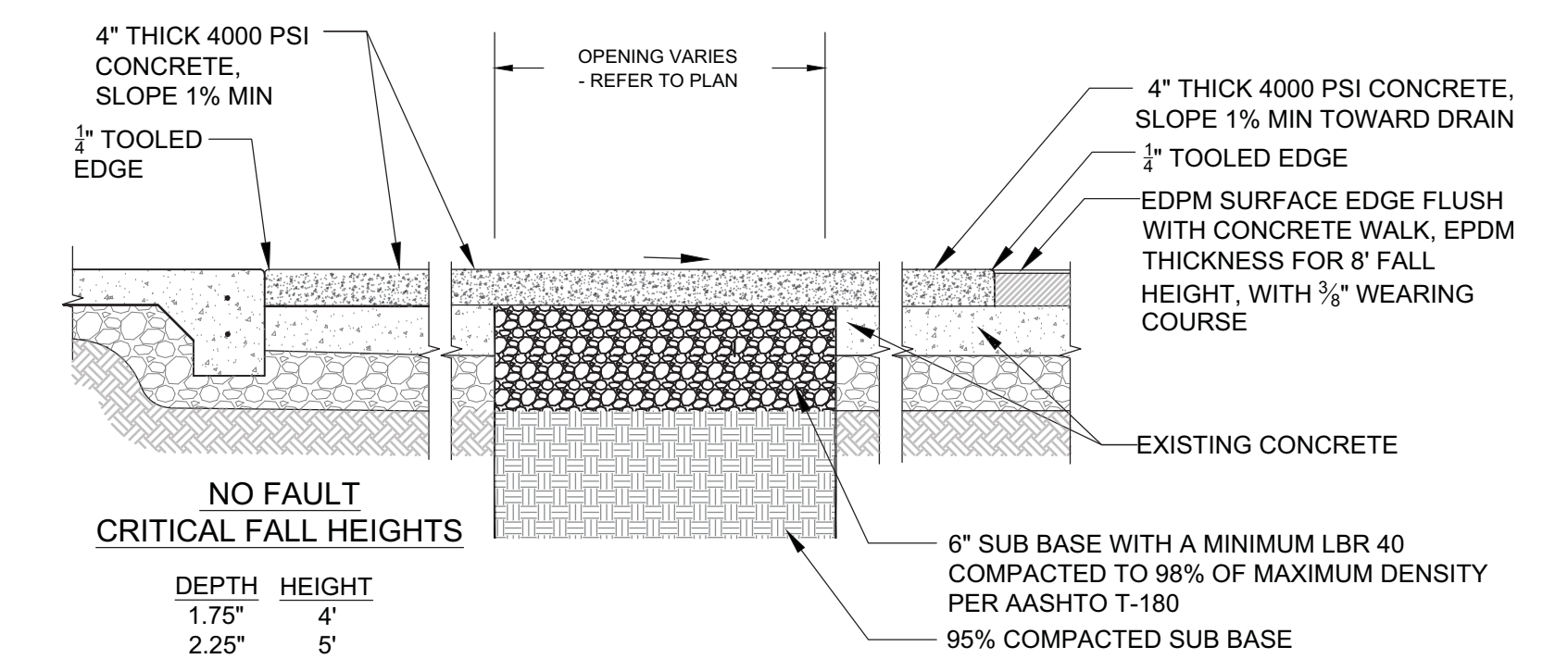


NO FAULT CRITICAL FALL HEIGHTS

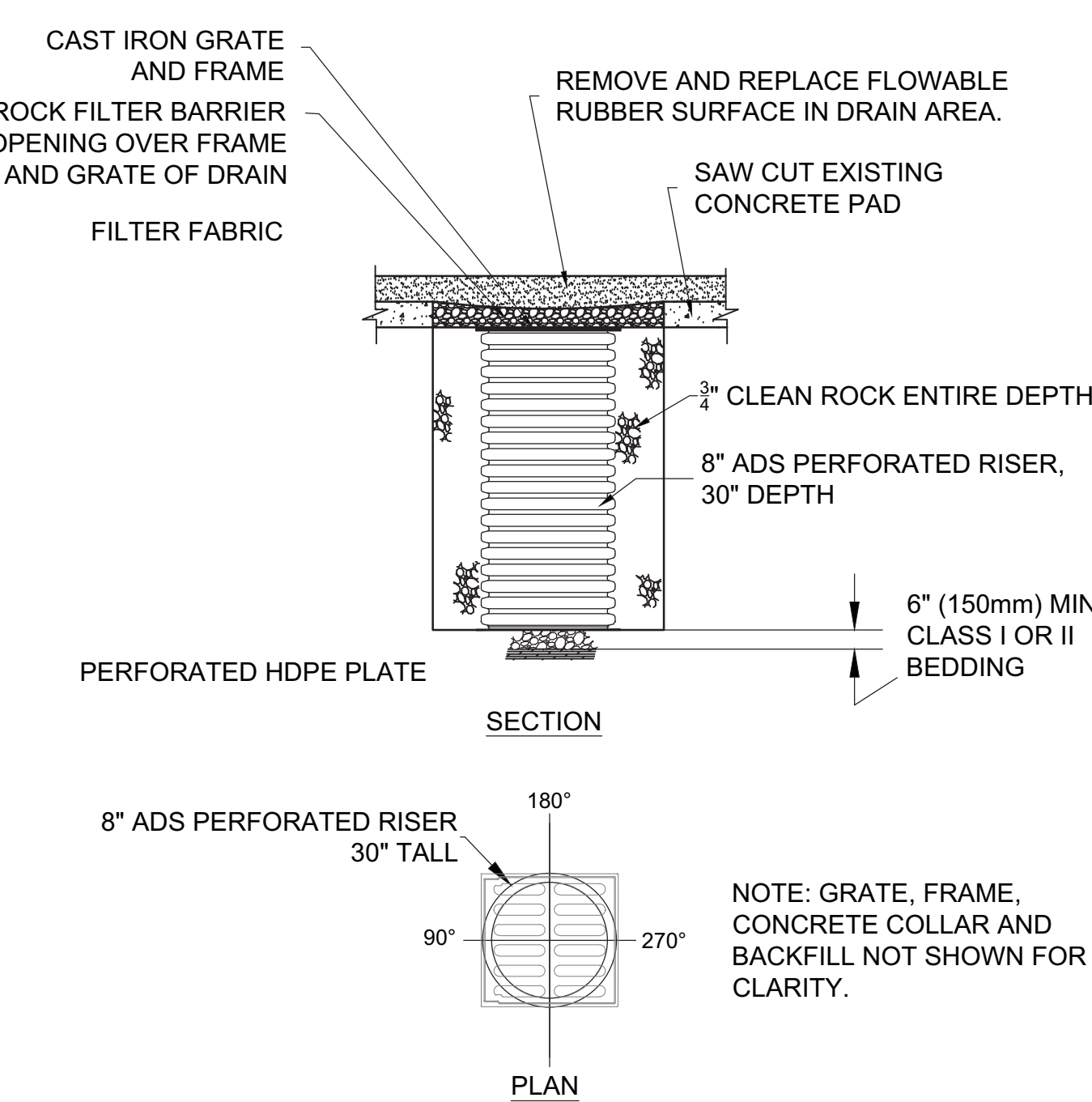
DEPTH	HEIGHT
1.75'	4'
2.25'	5'
2.50'	6'
3.00'	7'
3.50'	8'
4.5'	9'
5.00'	10'
6.50'	12'



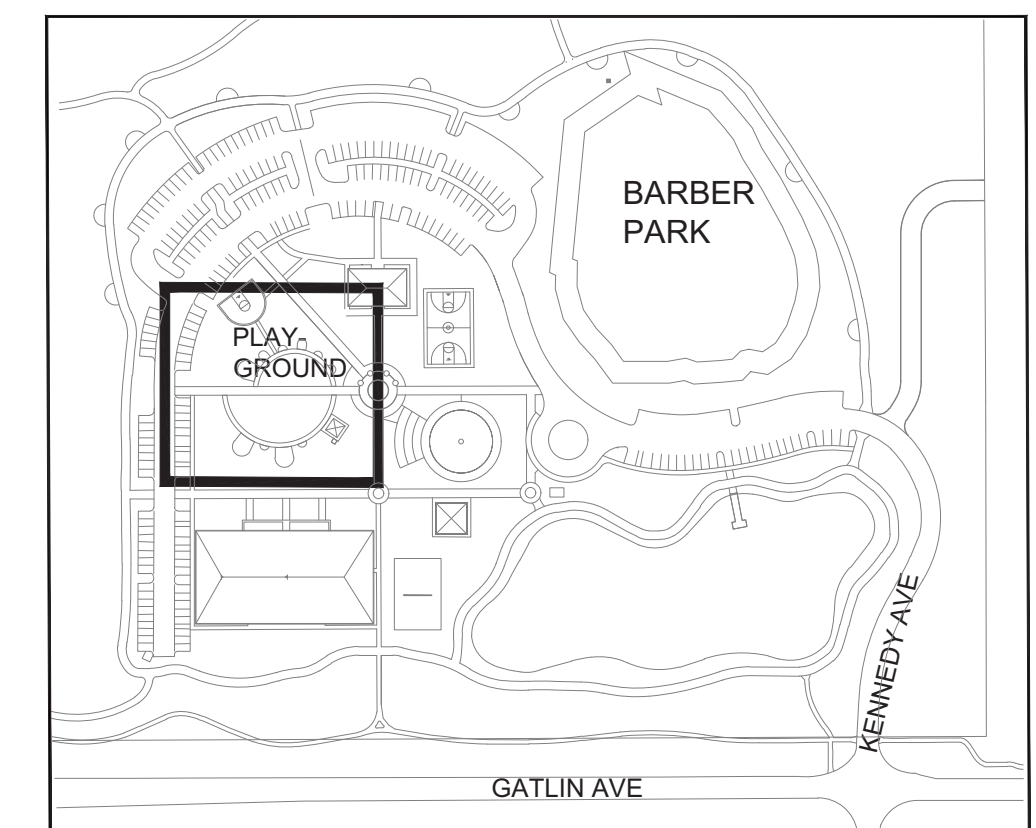
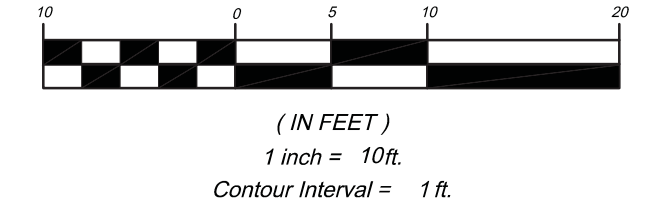
SAFETY SURFACE/FOOTING FILL DETAILS



CONCRETE PAVEMENT / SAFETY SURFACE DETAILS



GRAPHIC SCALE



KEY MAP

UNDER DRAIN IN SAFETY SURFACE DETAILS

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
ARCHITECTURAL DESIGN
COLLABORATIVE
945 N. PENNSYLVANIA AVENUE
WINTER PARK, FLORIDA 32789
(407) 428-1188

TEAM Engineering, LLC
TEAM ENGINEERING
2215 WEMBLEY PLACE
ORLANDO, FL 32765
(407) 267-8905
COA-29813

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

ORANGE COUNTY GOVERNMENT FLORIDA

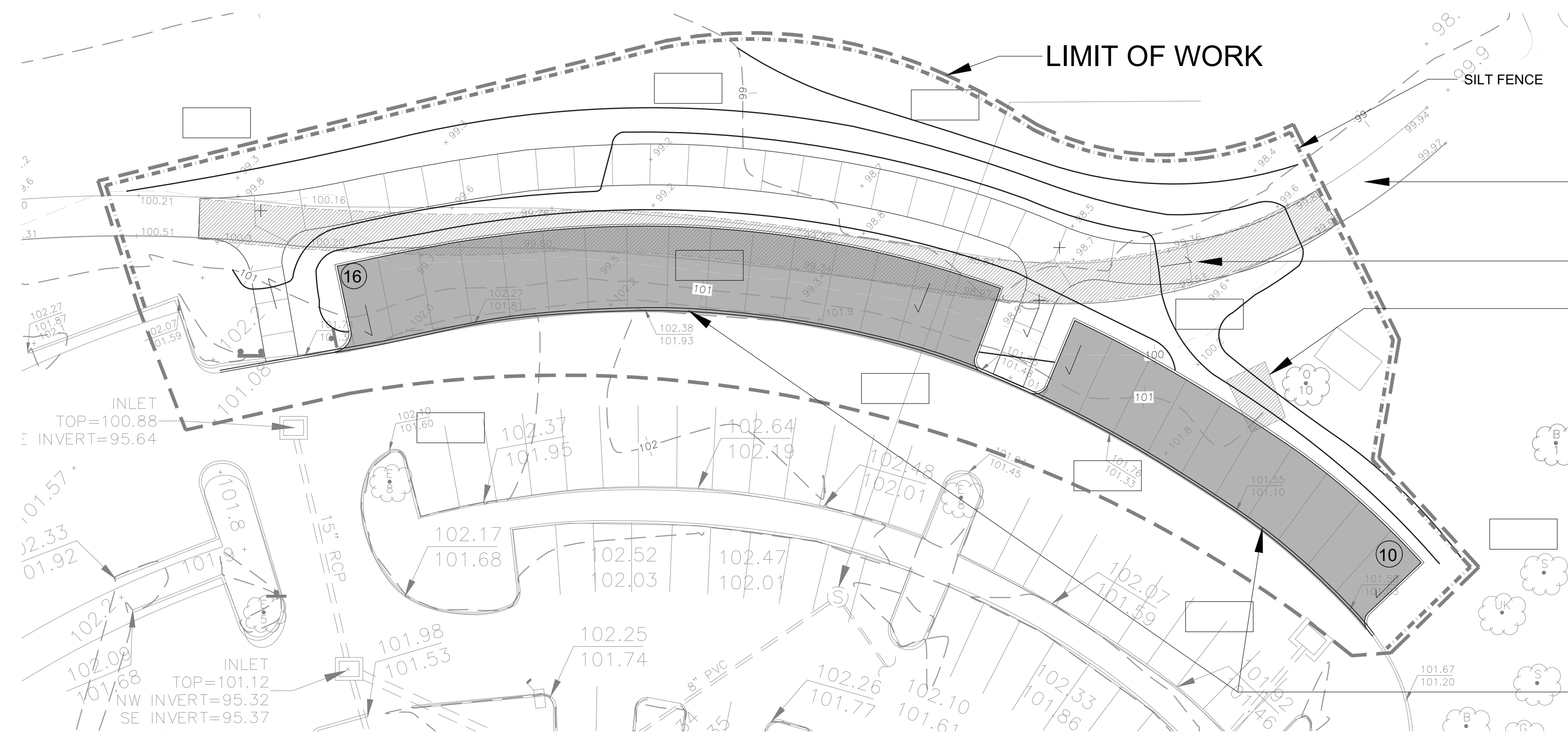
BARBER PARK
PLAYGROUND IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

GRADING PLAN - PLAYGROUND

SHEET NUMBER
C.5
OF 18 SHEETS

S:\ACTIVE PROJECT FILES\170033-BARBER PARK SPLASH PAD_ORLANDO\CADD\DWG\LAYOUTS\170033_DEMO-GRADING-PLAYGROUND.DWG

PLOT DATE: 2018-06-06



- EXISTING CONCRETE WALKWAY TO REMAIN
- SAW CUT AND REMOVE EXISTING 10 FT. WIDE CONCRETE SIDEWALK (2525 S.F.)
- REMOVE CONCRETE PAD (140 S.F.)
- SAW CUT AND REMOVE TYPE D CONCRETE CURB (305 L.F.)

DEMOLITION PLAN KEYED NOTES

CONTRACTOR SHALL OBTAIN ADVANCE APPROVAL FROM PROJECT ENGINEERS FOR DIMENSIONS AND LIMITS OF DEMOLITION WORKS.

WHERE EXISTING PAVEMENT, CURB OR CONCRETE SLAB IS TO REMAIN, MAKE STRAIGHT SAW CUT INTO THE EXISTING STRUCTURE TO PROVIDE A CLEAN BREAK PRIOR TO REMOVAL.

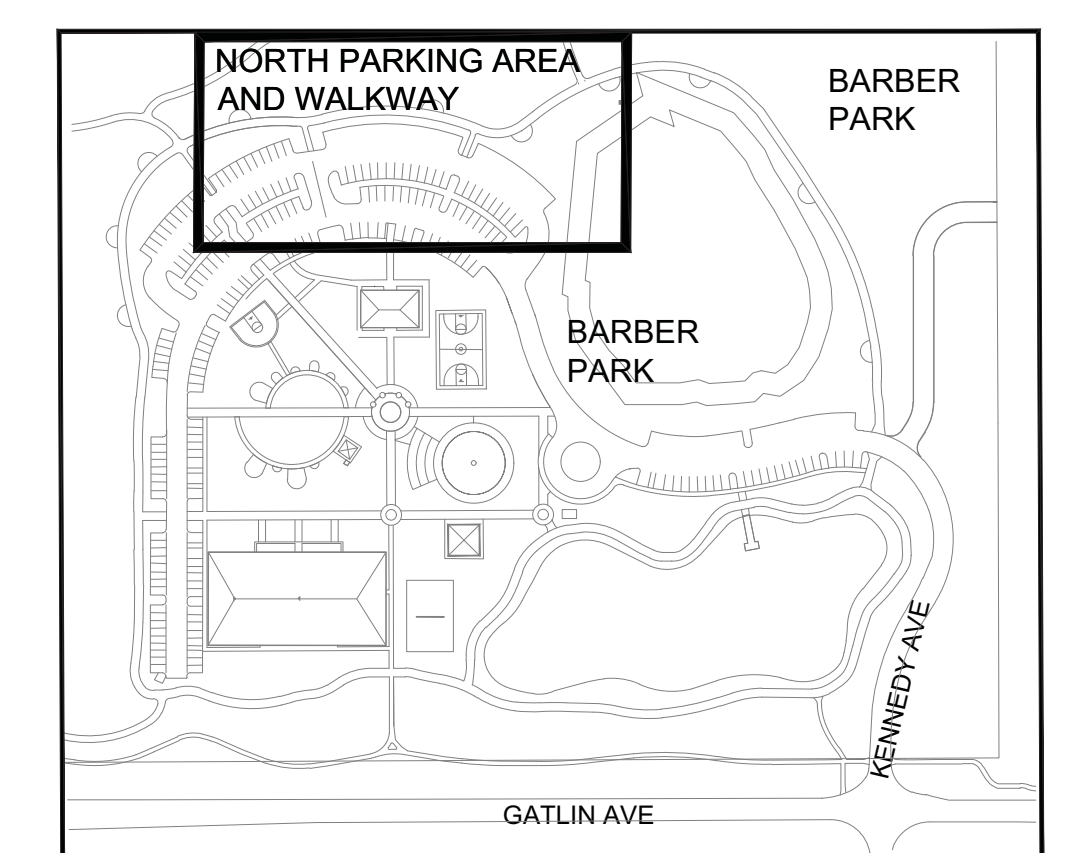
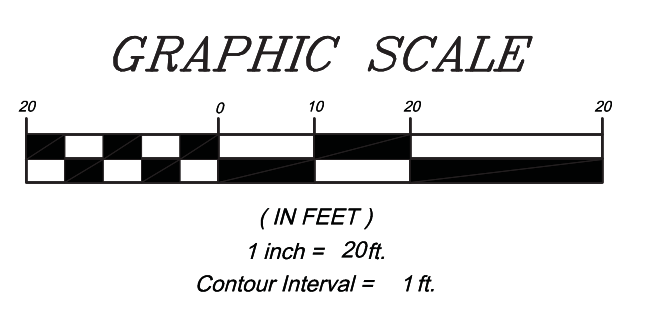
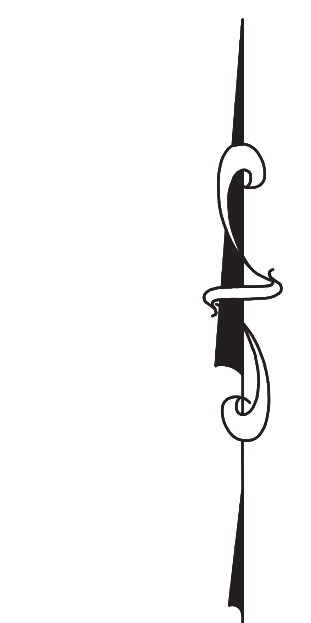
REMOVE ALL DEBRIS FROM SITE IN ACCORDANCE WITH COUNTY'S STANDARD SPECIFICATIONS REQUIREMENTS FOR WASTE MATERIAL DISPOSAL.

CONTRACTOR SHALL IMMEDIATELY REPAIR ANY DAMAGE TO EXISTING STRUCTURES MADE DURING DEMOLITION. DAMAGED ITEMS SHALL BE RESTORED OR REBUILT.

CLEAR GRASS AREA NEEDED FOR CONSTRUCTION AND RESOD DISTURBED AREAS

NOTE:
ALL DEMOLITION WORK SHOWN ON THIS SHEET TO BE INCLUDED IN ADDITIVE ITEM 1

ADDITIVE 1 - NORTH PARKING AREA & WALKWAY



KEY MAP
NTS

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
ARCHITECTURAL DESIGN
COLLABORATIVE
5615 PENNSYLVANIA AVENUE
WINTER PARK, FLORIDA 32789
(407) 429-1188

TEAM Engineering, LLC
TEAM ENGINEERING
2215 WEMBLEY PLACE
ORLANDO, FL 32765
(407) 267-8905
COA-29813

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

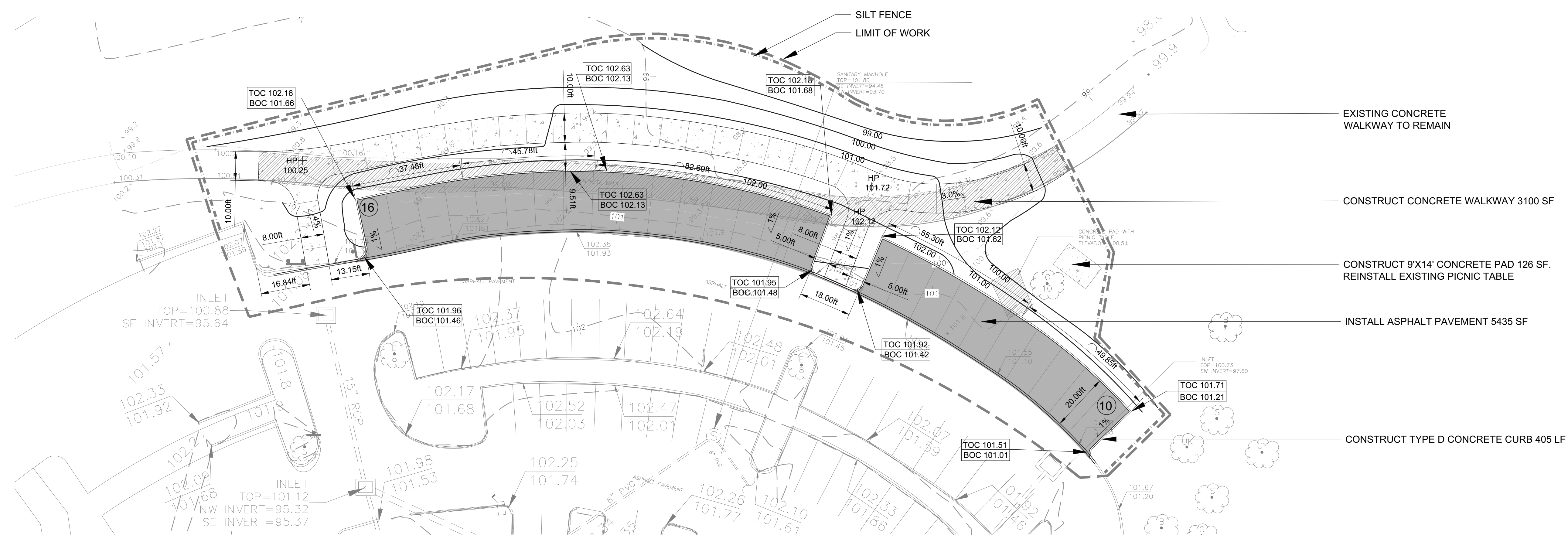
**ORANGE COUNTY
GOVERNMENT
FLORIDA**

BARBER PARK
PLAYGROUND
IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

DEMOLITION PLAN - PARKING AREA
ADDITIVE ONE

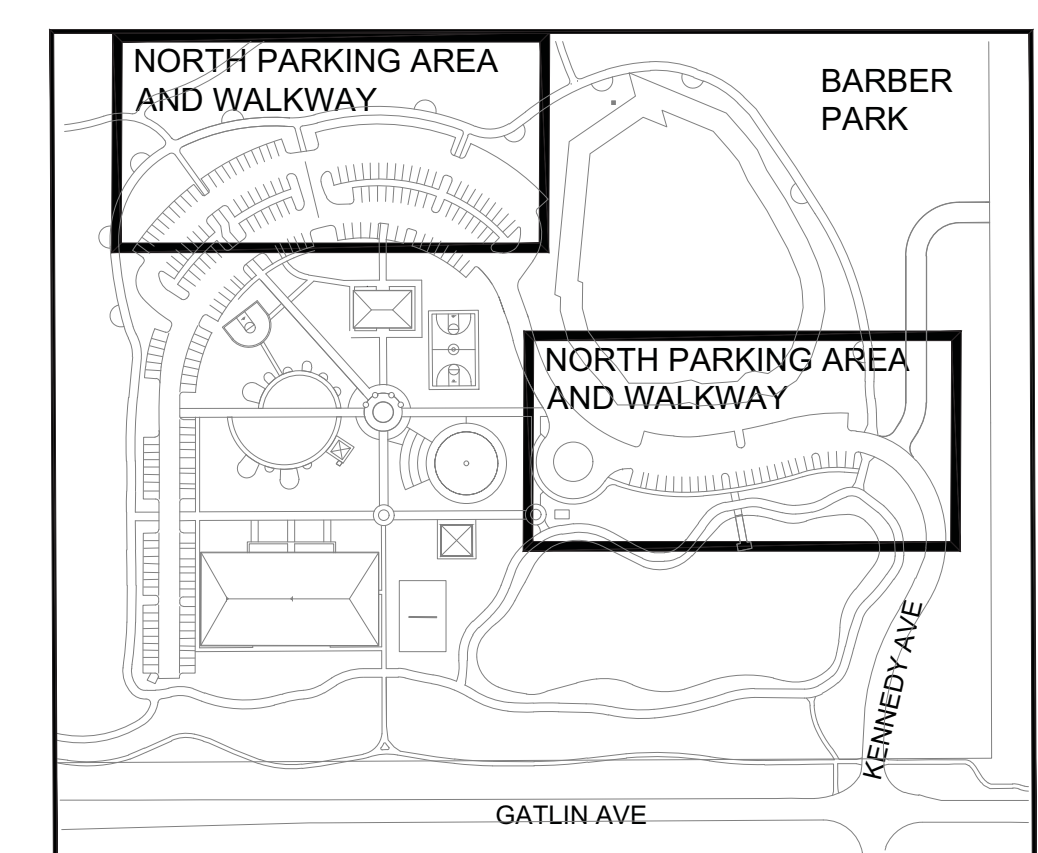
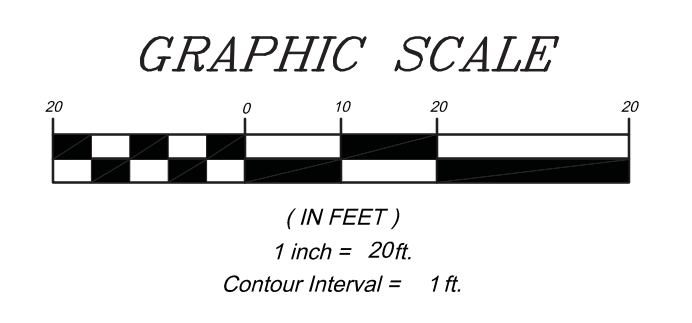
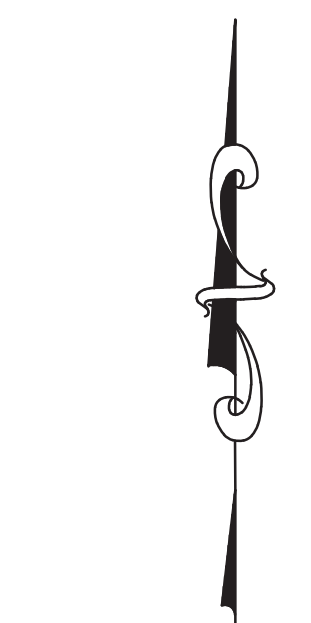
SHEET NUMBER
C. 6
OF 18 SHEETS

S:\ACTIVE PROJECT FILES\170033_BARBER PARK SPLASH PAD_ORLANDO\CADD\DWG\LAYOUTS\170033_DEMO-GRADING-PLAYGROUND.DWG



NOTES:
 1. ALL PAVING AND SIDEWALK WORK SHOWN ON THIS SHEET TO BE INCLUDED IN ADDITIVE ITEM 1
 2. ALL SIDEWALKS TO HAVE A MAXIMUM RUNNING SLOPE OF 5% AND A MAXIMUM CROSS SLOPE OF 2%

ADDITIVE 1 - NORTH PARKING AREA & WALKWAY



KEY MAP
 NTS

PLOT DATE: 2018-06-06

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
 ARCHITECTURAL DESIGN
 COLLABORATIVE
 5625 PENNSYLVANIA AVENUE
 WINTER PARK, FLORIDA 32789
 (407) 429-1188

TEAM Engineering, LLC
 TEAM ENGINEERING
 2215 WEMBLEY PLACE
 ORLANDO, FL 32765
 (407) 267-8905
 COA-29813

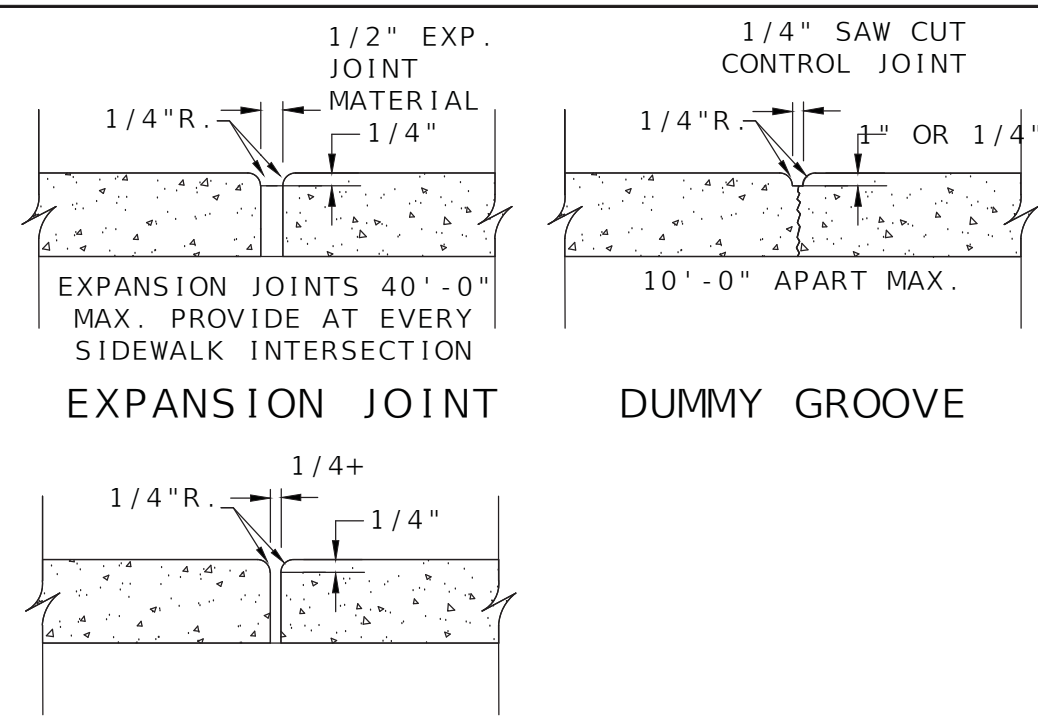
JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
 PROF. ENGINEER No.: 49935

ORANGE COUNTY GOVERNMENT FLORIDA

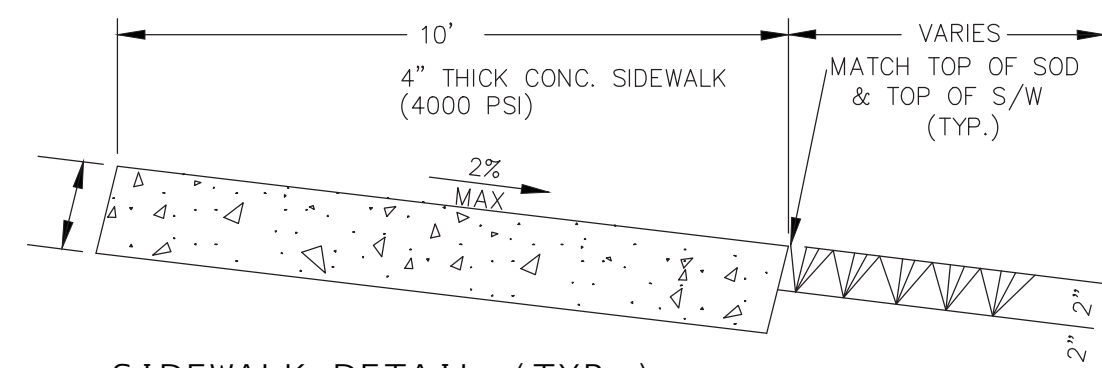
BARBER PARK PLAYGROUND IMPROVEMENTS
 3701 GATLIN AVENUE, ORLANDO, FL 32812

GRADING PLAN - PARKING AREA ADDITIVE ONE

SHEET NUMBER
C.7
 OF 18 SHEETS

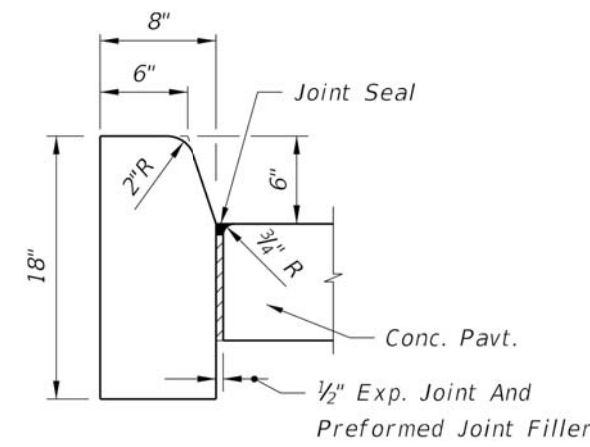


CONSTRUCTION JOINT



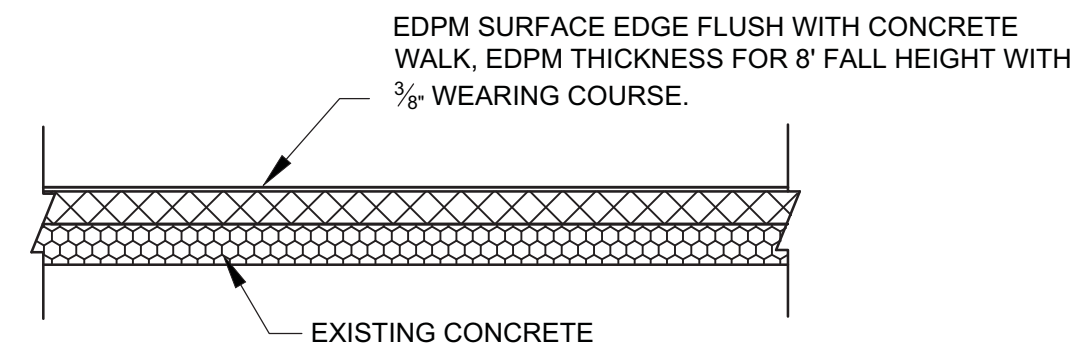
SIDEWALK DETAIL (TYP.)

01 CONCRETE WALK DETAILS
NTS



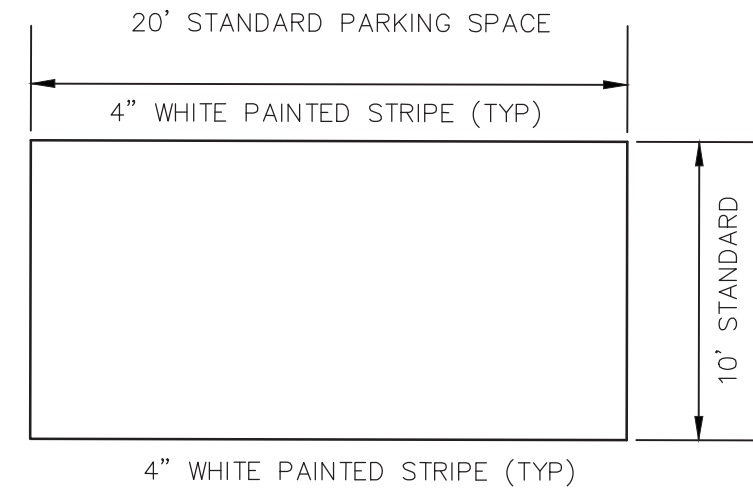
TYPE D

06 CONCRETE CURB AND GUTTER DETAIL
NTS



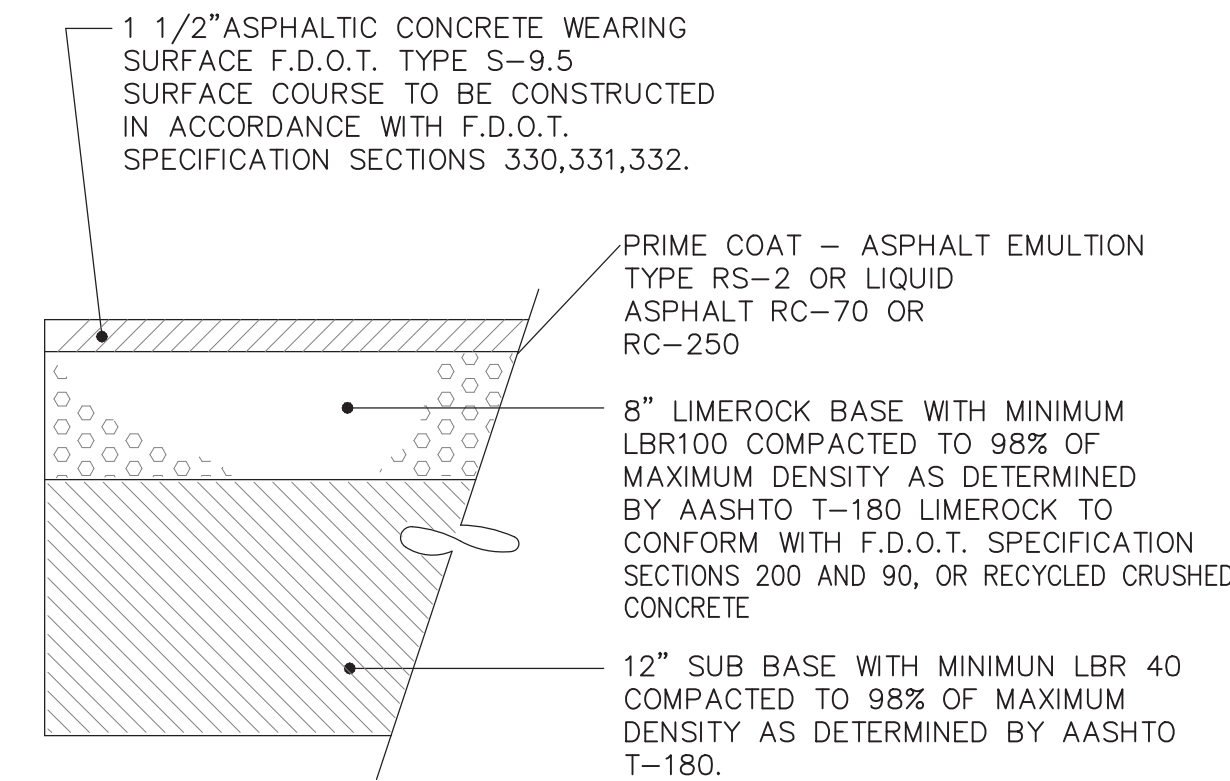
NOTE:
1. IN AREAS WHERE A PERIMETER DRAIN IS ADDED OR WHERE UNDER DRAINS ARE ADDED, REPLACE SAFETY SURFACE TO A MATCHING DEPTH PRIOR TO INSTALLING EPDM WEAR COURSE.
2. THE NEW GROUND SURFACE AT THE PLAYGROUND WILL MEET ACCESSIBILITY REQUIREMENTS OF ASTM F1951 AND USE ZONES WILL MEET ASTM F1292 PER FC 1008.2.6

02 EPDM TYPICAL SAFETY SURFACE WEAR COURSE APPLICATION
NTS

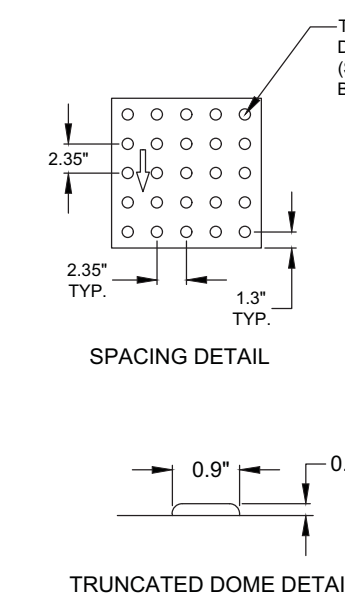
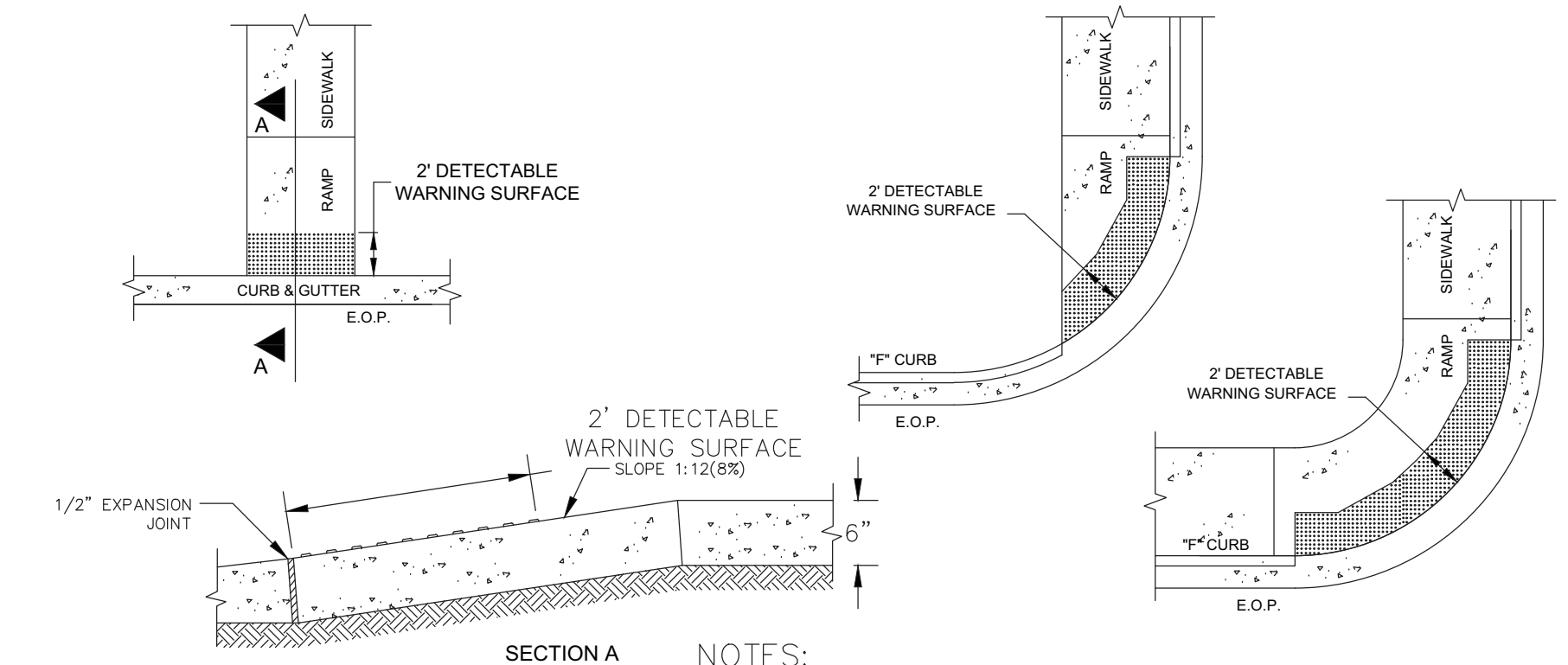


4" WHITE PAINTED STRIPE (TYP.)

03 TYP PARKING SPACE DETAIL
NTS



04 ASPHALT PAVEMENT
NTS



TRUNCATED DOME DETAIL

05 HANDICAP RAMP AND DETECTABLE WARNING SURFACE DETAILS
NTS

NOTES:
1. THE INTENT OF THE DETECTABLE SURFACE IS TO WARN THAT THE NEXT STEP BEYOND THE SURFACE WILL PUT THE PEDESTRIAN IN JEOPARDY WITH VEHICULAR TRAFFIC. A 2-FOOT STRIP OF WARNING SURFACE, EXTENDING ACROSS THE FULL WIDTH OF THE SIDEWALK IS REQUIRED IN THE DIRECTION OF PEDESTRIAN TRAVEL. EXISTING CONDITIONS AND VARIATIONS IN EXISTING SIDEWALK PATTERNS MAY MAKE IT DIFFICULT TO FOLLOW THIS LAYOUT PRECISELY. IF THIS OCCURS, THE CONTRACTOR SHALL PROPOSE, AND REVIEW WITH THE COUNTY, ADJUSTMENTS TO THIS LAYOUT PRIOR TO INSTALLATION. ANY DEVIATIONS WITHOUT PRIOR APPROVAL BY THE COUNTY SHALL BE CORRECTED AS DIRECTED.
2. DETECTABLE WARNING SURFACE SHALL BE COMPRISED OF RESINS, REACTIVE MONOMERS OR SIMILAR MATERIALS WITH PIGMENTS ADDED FOR COLOR.
3. SURFACES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
4. COLOR TO BE YELLOW UNLESS OTHERWISE DIRECTED BY THE COUNTY.
5. SUBMIT MANUFACTURER'S LITERATURE/SAMPLES FOR COUNTY APPROVAL.

NO.	DATE	REVISION
4	05/04/2018	Revised per County Comments
3	11/17/2017	Revisions per Health Department Comments
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission



JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG. PROF. ENGINEER No.: 49935



BARBER PARK
SPLASH PAD & PLAYGROUND IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

DETAILS - CONSTRUCTION

SHEET NUMBER

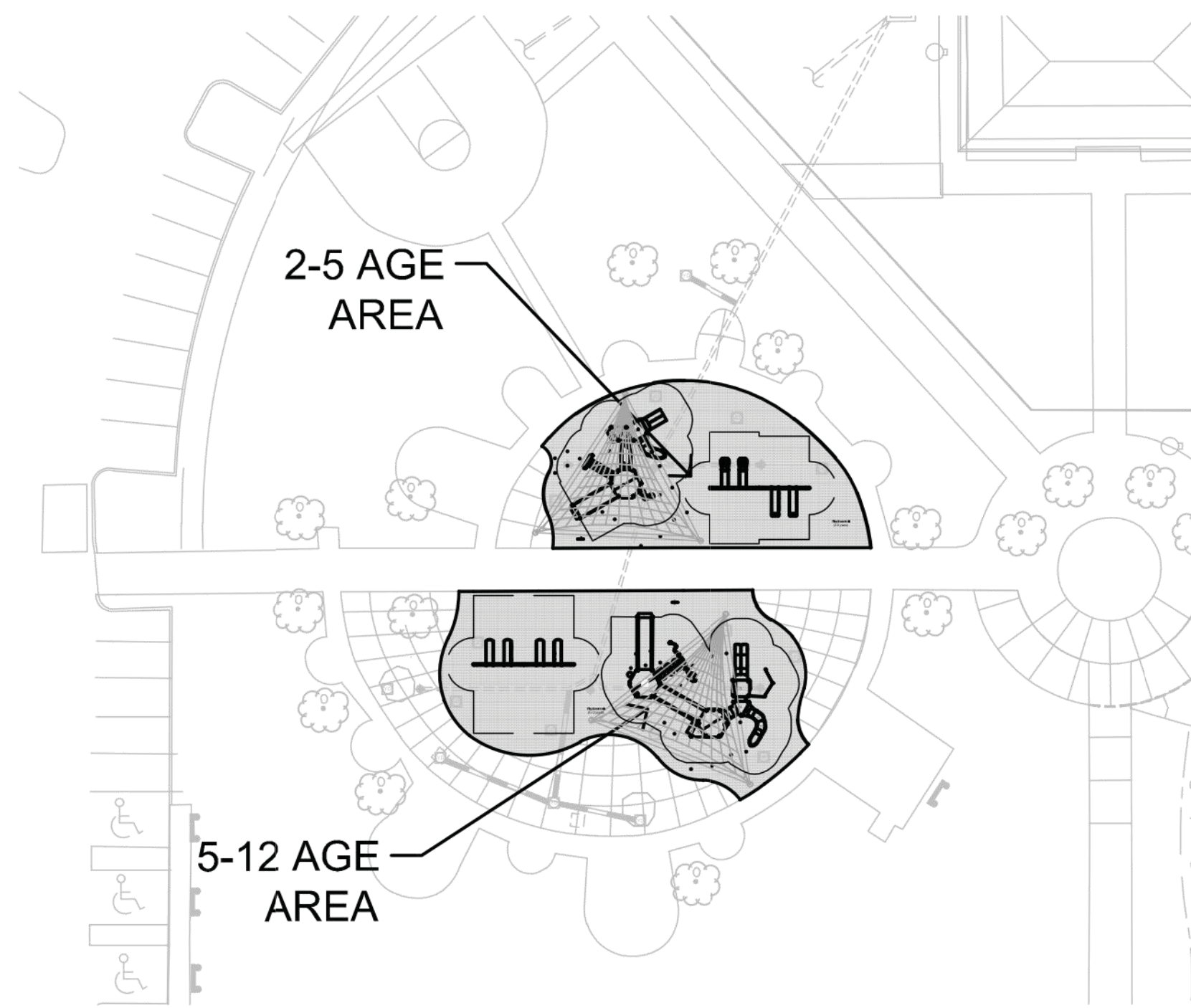
C.8

OF 18 SHEETS

S:\ACTIVE PROJECT FILES\1700333_BARBER PARK SPLASH PAD\DWG\LAYOUTS\1700333_LAYOUT-PLAYGROUND.DWG

QTY. POST/ARCH LENGTHS

- 4 A 108" Alum Post DB
- 5 B 100" Alum Post DB
- 1 C 92" Alum Post DB
- 4 D 84" Alum Post DB
- 2 E 76" Alum Post DB



SITE LOCATION MAP

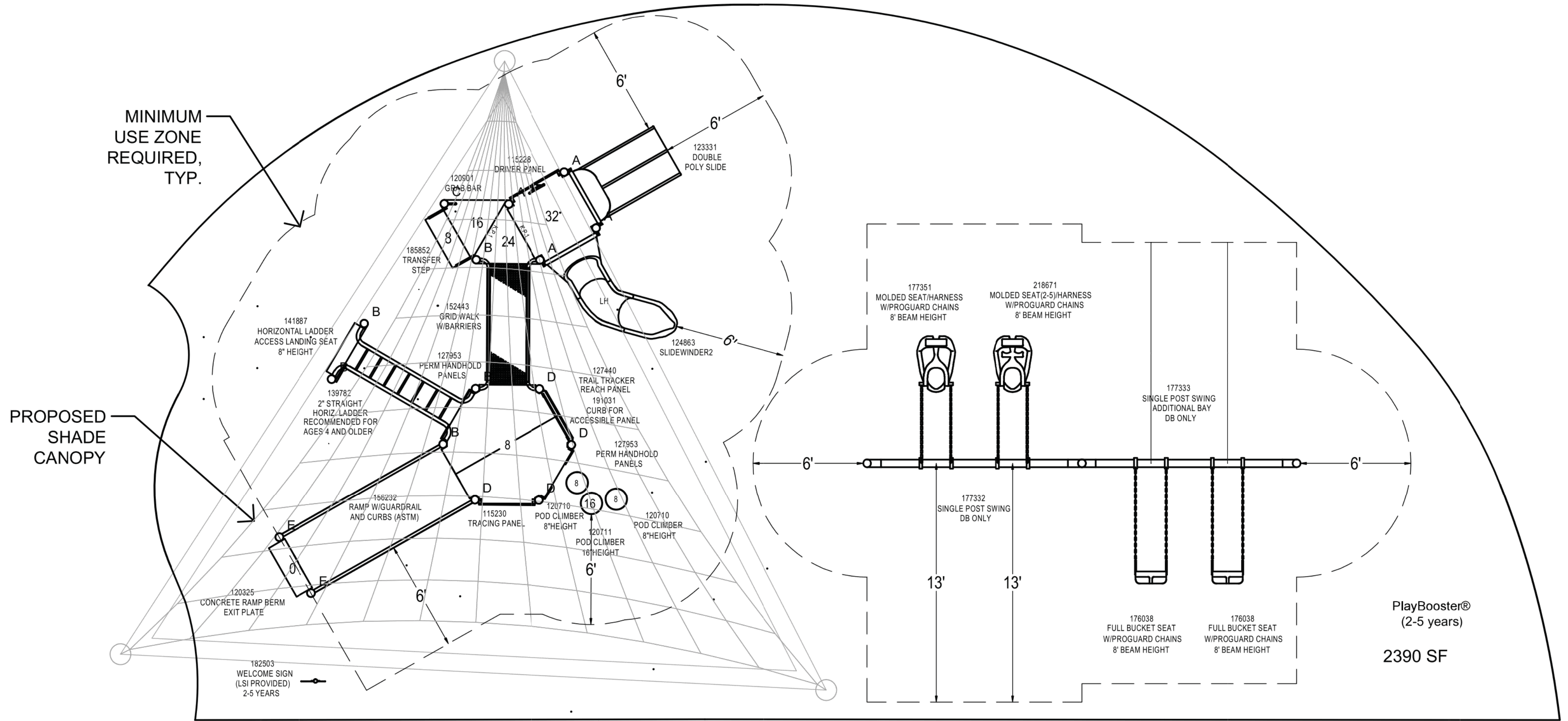
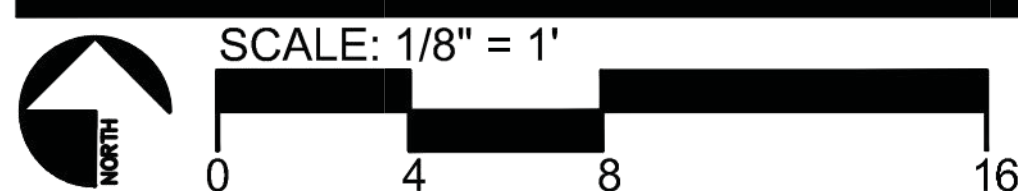
NOT TO SCALE

*SEE SHEET P-3 FOR
SITE LOCATION MAP
ENLARGEMENT

GENERAL NOTES:

1. EQUIPMENT LOCATION TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION
2. BASE MUST EXHIBIT POSITIVE DRAINAGE IN ALL AREAS

NOT FOR CONSTRUCTION



2-5 AGE AREA

TOTAL PLAY COMPONENTS: 2-5 AGE AREA - 14
5-12 AGE AREA - 19

2-5 AGE AREA	
TOTAL ELEVATED PLAY COMPONENTS	8
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	4 <u>REQUIRED</u> 4
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	8 <u>REQUIRED</u> 4
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	6 <u>REQUIRED</u> 3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3 <u>REQUIRED</u> 3
5-12 AGE AREA	
TOTAL ELEVATED PLAY COMPONENTS	12
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	9 <u>REQUIRED</u> 6
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	12 <u>REQUIRED</u> 6
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7 <u>REQUIRED</u> 4
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3 <u>REQUIRED</u> 3

Playground equipment meets the requirements of FBC Accessibility Code, Table 240.2.1.2

SURFACING 2-5 AGE AREA

2390 SF
POURED-IN-PLACE
8' FALL HEIGHT

SHEET NO.
P-1
PAPER SIZE
B

RSI PROJ: 11917
DRAWING: 11917-1-5

Barber Park Inclusive Play

Orlando, FL

PLOT DATE: 2018-06-06

2	09/28/2017	100% Submission	 2215 WEMBLEY PLACE ORLANDO, FL 32765 945 N. PENNSYLVANIA AVENUE WINTER PARK, FLORIDA 32789 (407) 626-1186	 TEAM ENGINEERING 2215 WEMBLEY PLACE ORLANDO, FL 32765 (407) 267-8905 COA-29813	JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG. PROF. ENGINEER No.: 49935	 ORANGE COUNTY GOVERNMENT FLORIDA 3701 GATLIN AVENUE, ORLANDO, FL 32812	BARBER PARK PLAYGROUND IMPROVEMENTS 3701 GATLIN AVENUE, ORLANDO, FL 32812	PLAYGROUND COMPONENTS	SHEET NUMBER	
1	06/09/2017	60% Submission							P. 1	
NO.	DATE	REVISION								OF 18 SHEETS

S:\ACTIVE PROJECT FILES\170033_BARBER PARK SPLASH PAD\LANDSCAPE\170033_LAYOUT_PLAYGROUND.DWG

QTY. POST/ARCH LENGTHS

- 4 A 148" Alum Post DB
- 2 B 140" Alum Post DB
- 1 C 132" Alum Post DB
- 4 D 116" Alum Post DB
- 3 E 108" Alum Post DB
- 4 F 100" Alum Post DB
- 5 G 92" Alum Post DB
- 3 H 76" Alum Post DB

SURFACING 5-12 AGE AREA

3125 SF
POURED-IN-PLACE
8' FALL HEIGHT

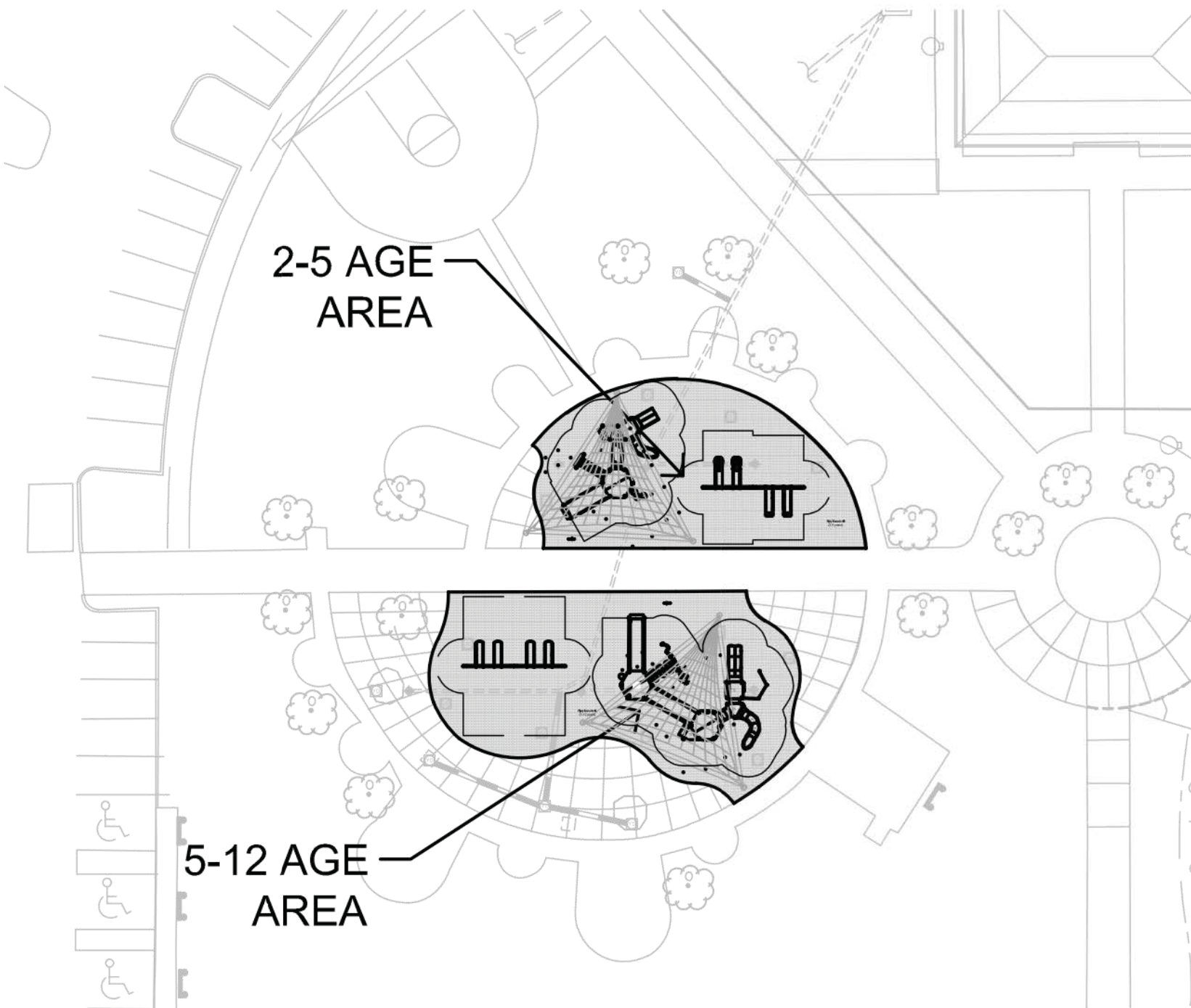
GENERAL NOTES:

1. EQUIPMENT LOCATION TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION
2. BASE MUST EXHIBIT POSITIVE DRAINAGE IN ALL AREAS

MINIMUM
USE ZONE
REQUIRED,
TYP.

3125 SF

PROPOSED
SHADE
CANOPY

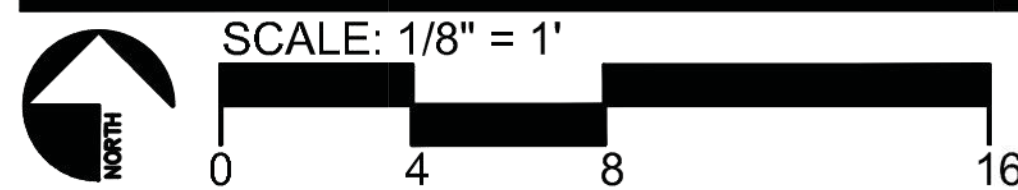


SITE LOCATION MAP

NOT TO SCALE

*SEE SHEET P-3 FOR
SITE LOCATION MAP
ENLARGEMENT

NOT FOR CONSTRUCTION



5-12 AGE AREA

TOTAL PLAY COMPONENTS: 2-5 AGE AREA - 14
5-12 AGE AREA - 19

2-5 AGE AREA	
TOTAL ELEVATED PLAY COMPONENTS	8
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	4 <u>REQUIRED</u> 4
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	8 <u>REQUIRED</u> 4
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	6 <u>REQUIRED</u> 3
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3 <u>REQUIRED</u> 3
5-12 AGE AREA	
TOTAL ELEVATED PLAY COMPONENTS	12
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY RAMP	9 <u>REQUIRED</u> 6
TOTAL ELEVATED COMPONENTS ACCESSIBLE BY TRANSFER	12 <u>REQUIRED</u> 6
TOTAL ACCESSIBLE GROUND LEVEL COMPONENTS SHOWN	7 <u>REQUIRED</u> 4
TOTAL DIFFERENT TYPES OF GROUND LEVEL COMPONENTS	3 <u>REQUIRED</u> 3

Playground equipment meets the requirements of FBC Accessibility Code, Table 240.2.1.2

SHEET NO.
P-2
PAPER SIZE
B

RSI PROJ: 11917
DRAWING: 11917-1-5

Barber Park Inclusive Play
Orlando, FL

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
ARCHITECTURAL DESIGN
COLLABORATIVE
945 N. PENNSYLVANIA AVENUE
WINTER PARK, FLORIDA 32789
(407) 426-1188

TEAM Engineering, LLC
TEAM ENGINEERING
2215 WEMBLEY PLACE
ORLANDO, FL 32765
(407) 267-8905
CCA-2981.3

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

**ORANGE COUNTY
GOVERNMENT
FLORIDA**

BARBER PARK
PLAYGROUND
IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

PLAYGROUND LAYOUT & COMPONENTS

SHEET NUMBER
P . 2
OF 18 SHEETS

S:\ACTIVE PROJECT FILES\170033_BARBER PARK SPLASH PAD\DWG\LAYOITS\170033_LAYOUT-PLAYGROUND.DWG

PLOT DATE: 2018-06-06

SITE PLAN INFORMATION SHOWN FOR REFERENCE ONLY. NOT PART OF THIS SCOPE.

SURFACING 2-5 AGE AREA

2390 SF
POURED-IN-PLACE
8' FALL HEIGHT

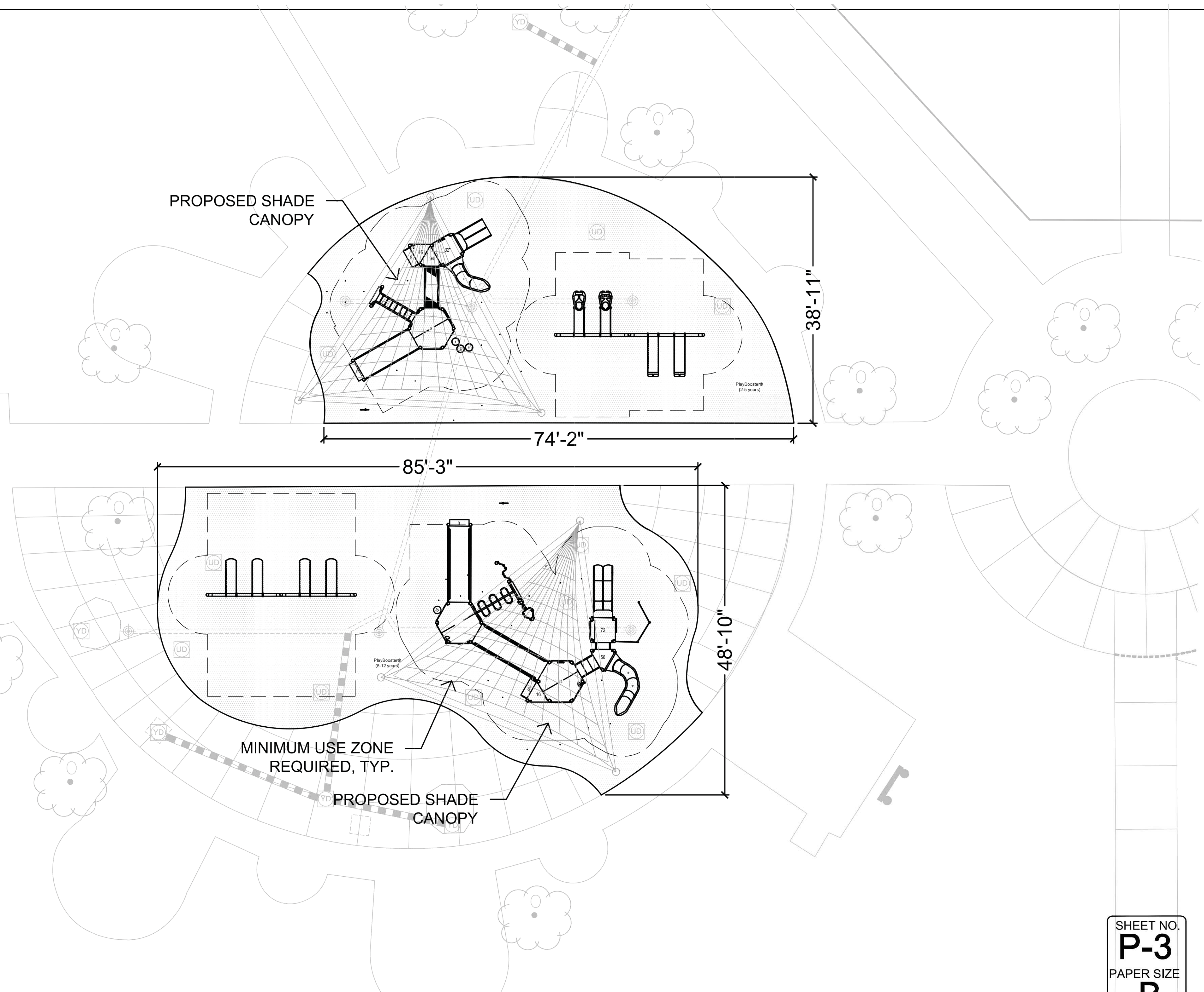
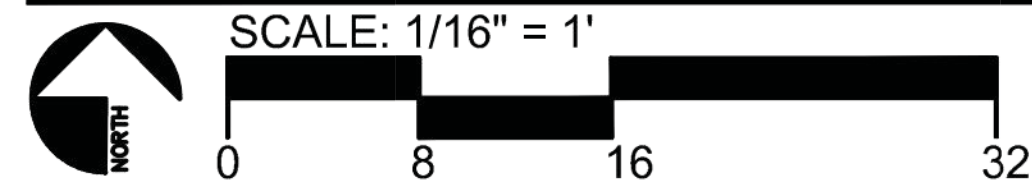
SURFACING 5-12 AGE AREA

3125 SF
POURED-IN-PLACE
8' FALL HEIGHT

GENERAL NOTES:

1. EQUIPMENT LOCATION TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION
2. BASE MUST EXHIBIT POSITIVE DRAINAGE IN ALL AREAS

NOT FOR CONSTRUCTION



Site Location Map

Barber Park Inclusive Play Orlando, FL

SHEET NO.
P-3
PAPER SIZE
B

RSI PROJ: 11917
DRAWING: 11917-1-5

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
ARCHITECTURAL DESIGN
COLLABORATIVE
945 N. PENNSYLVANIA AVENUE
WINTER PARK, FLORIDA 32789
(407) 429-1188

TEAM Engineering, LLC
TEAM ENGINEERING
2215 WEMBLEY PLACE
ORLANDO, FL 32765
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COA-29813

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

**ORANGE COUNTY
GOVERNMENT
FLORIDA**

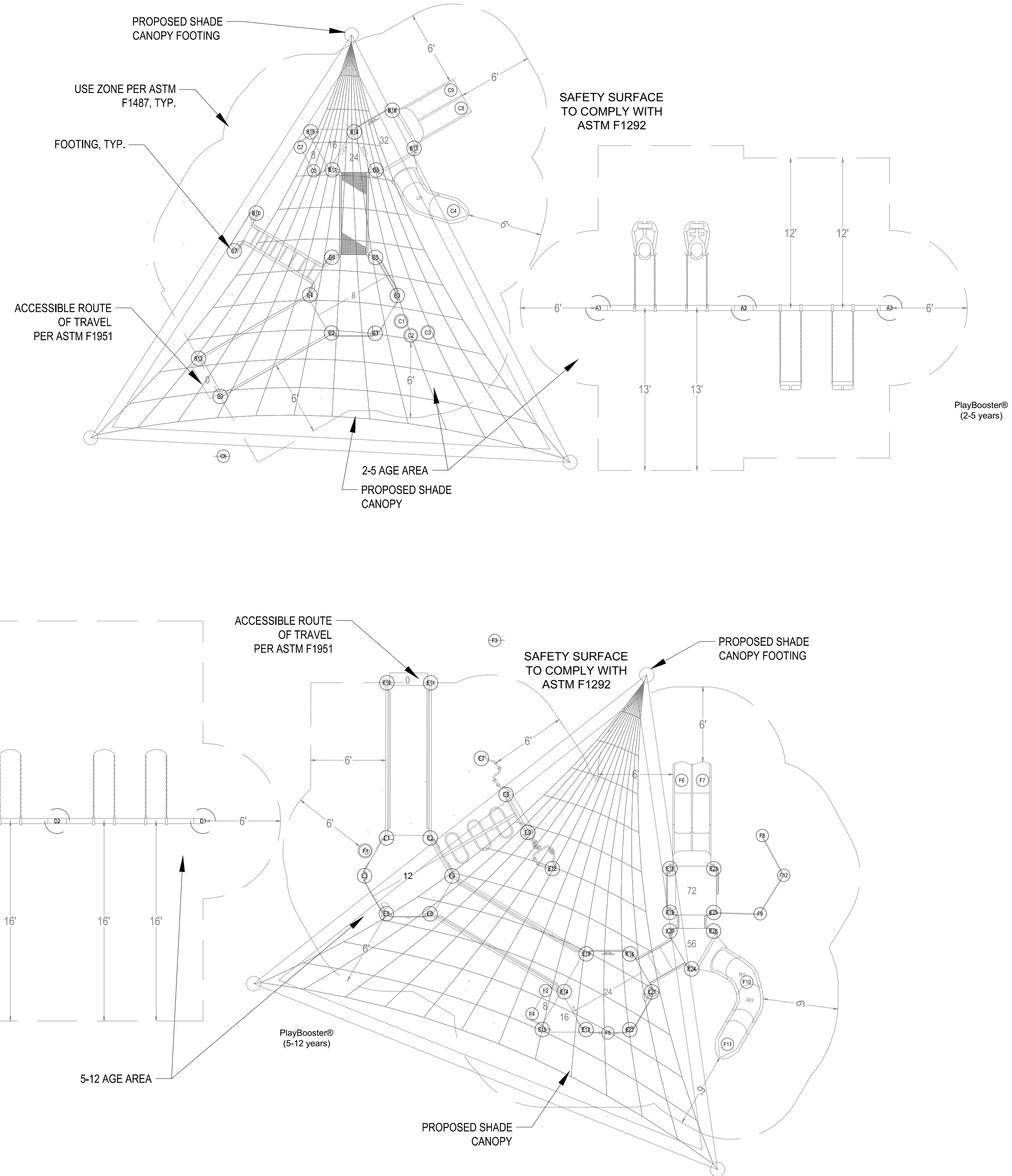
**BARBER PARK
PLAYGROUND
IMPROVEMENTS**
3701 GATLIN AVENUE, ORLANDO, FL 32812

PLAYGROUND LAYOUT & COMPONENTS

SHEET NUMBER
P. 3
OF 18 SHEETS

S:\ACTIVE PROJECT FILES\170033\BARBER PARK SPLASH PAD\ORLANDO\CADD\DWG\LAYOUTS\170033_LAYOUT-PLAYGROUND.DWG

NOTE:
 1. ALL FOOTINGS SHOWN ARE FOR ILLUSTRATION AND PRICING ONLY. CONTRACTOR SHALL ENGINEER ALL FOOTING DIAMETERS AND DEPTHS FOR INGROUND MOUNTED EQUIPMENT AND SHADE STRUCTURE AS PER MANUFACTURER'S RECOMMENDATIONS. PLAYGROUND EQUIPMENT AND SHADE STRUCTURE TO BE PERMITTED SEPARATELY (NOT INCLUDED IN THIS SITE PERMIT SET)



PLAYGROUND FOOTING LAYOUT PLAN
 NTS

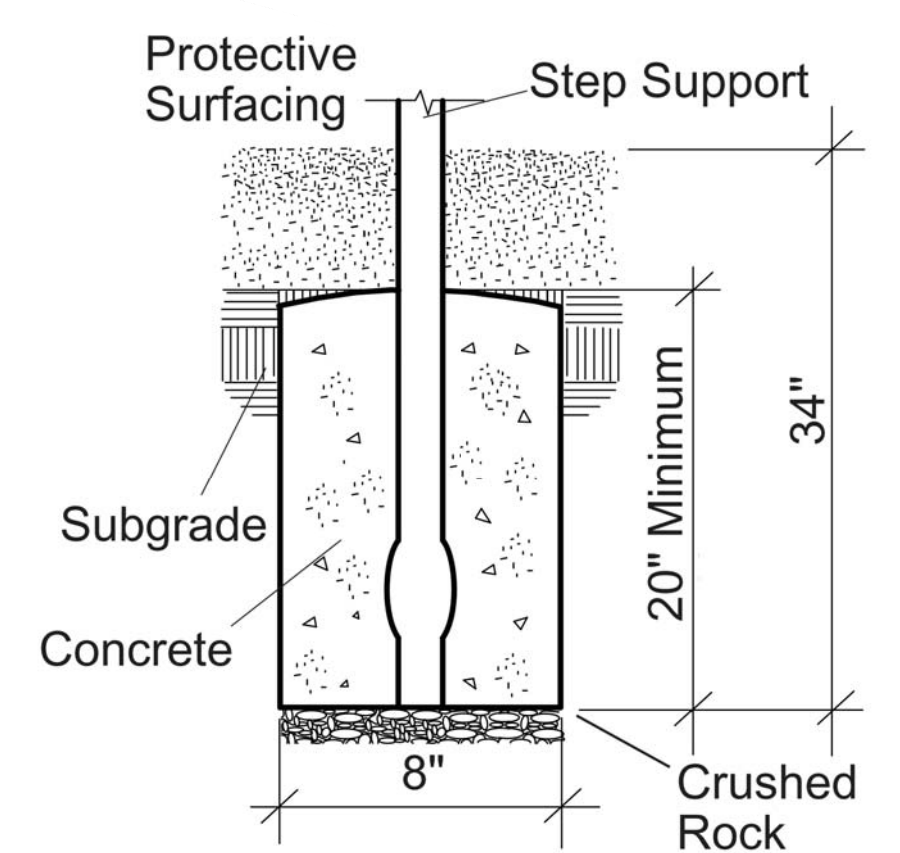
FOOTING CHART FOR PLANNING ONLY, NOT FOR CONSTRUCTION

N.	I.D.	X (ft-in)	Y (ft-in)	Dist. to O	DIA (in)
1	R.F.	1'-4"	-40'-8"	40'-8"	Ref. N2
2	D1	-14'-11"	1'-5"	15'	24
3	D2	-26'-7"	1'-5"	26'-7"	24
4	D3	-38'-3"	1'-5"	38'-3"	24
5	E1	-2"	1"	3"	14
6	E2	3'-4"	1"	3'-4"	14
7	E3	-2"	-2'-11"	3'-6"	14
8	E4	5'	-2'-11"	5'-10"	14
9	E5	-3"	-5'-11"	5'-11"	14
10	E6	3'-3"	-5'-11"	6'-10"	14
11	E7	7'-4"	6'-6"	9'-10"	14
12	E8	9'-4"	3'-7"	10'	14
13	E9	11'-1"	7"	11'-1"	14
14	E10	-2"	12'-6"	12'-6"	14
15	E11	3'-4"	12'-6"	13'	14
16	E12	13'-1"	-2'-11"	13'-3"	14
17	E13	15'-9"	-9'-2"	18'-3"	14
18	E14	14'	-12'-2"	18'-7"	14
19	E15	12'-3"	-15'-2"	19'-6"	14
20	E16	19'-3"	-9'-2"	21'-4"	14
21	E17	15'-9"	-15'-2"	21'-11"	14
22	E18	22'-6"	-2'-4"	22'-7"	14
23	E19	22'-6"	-5'-10"	23'-3"	14
24	E20	22'-6"	-7'-3"	23'-8"	14
25	E21	21'	-12'-2"	24'-4"	14
26	E22	19'-3"	-15'-2"	24'-7"	14
27	E23	26'	-2'-4"	26'-1"	14
28	E24	24'-3"	-10'-4"	26'-4"	14
29	E25	26'	-5'-10"	26'-7"	14
30	E26	26'	-7'-3"	27'	14
31	F1	-1'-11"	-11"	2'-1"	12
32	F2	12'-7"	-12'-1"	17'-5"	12
33	F3	8'-5"	15'-11"	18'	12
34	F4	11'-6"	-13'-11"	18'-1"	12
35	F5	17'-6"	-15'-5"	23'-4"	12
36	F6	23'-5"	4'-9"	23'-11"	12
37	F7	25'-1"	4'-9"	25'-6"	12
38	F8	29'-10"	4"	29'-10"	12
39	F9	29'-8"	-5'-11"	30'-3"	12
40	F10	28'-8"	-11'-4"	30'-10"	12
41	F11	27'-1"	-16'-4"	31'-8"	12
42	F12	31'-7"	-2'-10"	31'-9"	12

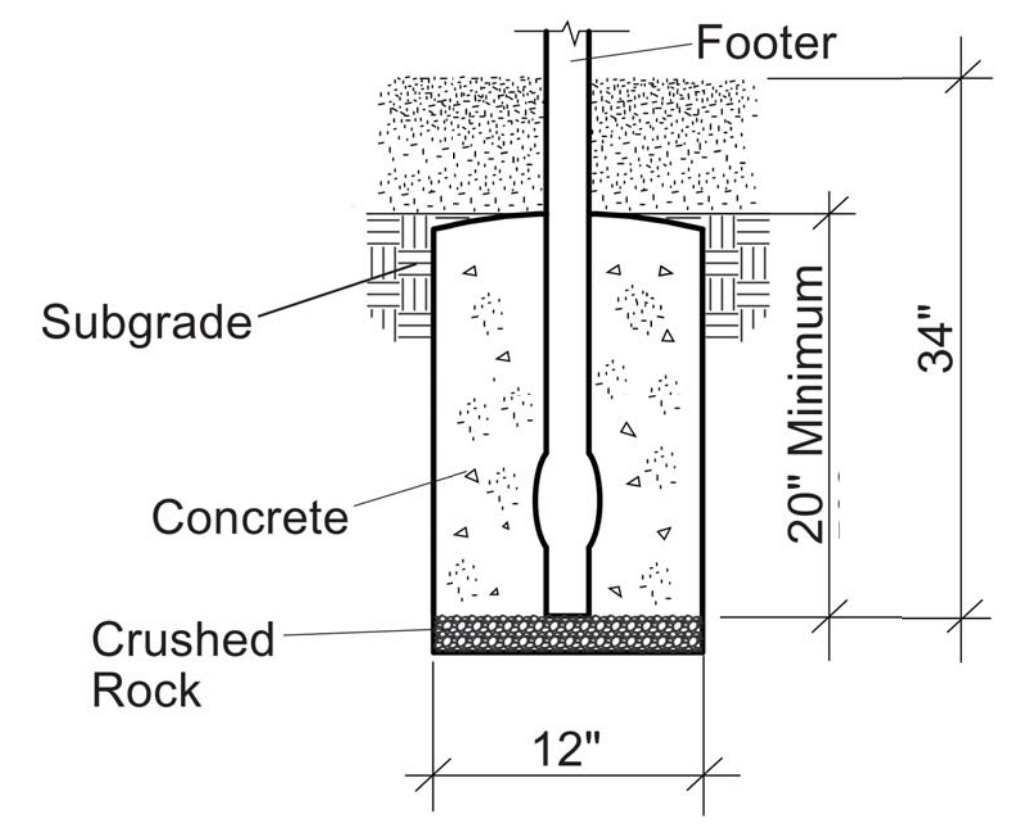
FOOTING CHART FOR PLANNING ONLY, NOT FOR CONSTRUCTION

N.	I.D.	X (ft-in)	Y (ft-in)	Dist. to O	DIA (in)
1	A1	2'	-18'	18'-2"	24
2	A2	2'-1"	-29'-8"	29'-9"	24
3	A3	2'-1"	-41'-4"	41'-5"	24
4	B1	-1"	-3"	3"	14
5	B2	-1"	3'-3"	3'-4"	14
6	B3	2'-11"	-1'-11"	3'-6"	14
7	B4	2'-11"	5'-1"	5'-10"	14
8	B5	5'-11"	-2"	5'-11"	14
9	B6	5'-11"	3'-4"	6'-10"	14
10	B7	6'-5"	11'-1"	12'-10"	14
11	B8	12'-11"	-2"	12'-11"	14
12	B9	-5'-3"	12'-2"	13'-3"	14
13	B10	9'-5"	9'-4"	13'-3"	14
14	B11	12'-11"	3'-4"	13'-4"	14
15	B12	-2'-3"	13'-11"	14'-1"	14
16	B13	14'-8"	-3'-3"	15'-1"	14
17	B14	16'	1'-7"	16'-1"	14
18	B15	16'	5'-1"	16'-9"	14
19	B16	17'-9"	-1'-6"	17'-9"	14
20	C1	10"	-2'-3"	2'-5"	12
21	C2	-3"	-3'-1"	3'-1"	12
22	C3	-1"	-4'-5"	4'-5"	12
23	C4	9'-8"	-6'-5"	11'-8"	12
24	C5	12'-10"	4'-9"	13'-9"	12
25	C6	-10"	11'-11"	15'-7"	12
26	C7	14'-9"	5'-10"	15'-10"	12
27	C8	17'-11"	-7"	19'-3"	12
28	C9	19'-4"	-6'-2"	20'-4"	12

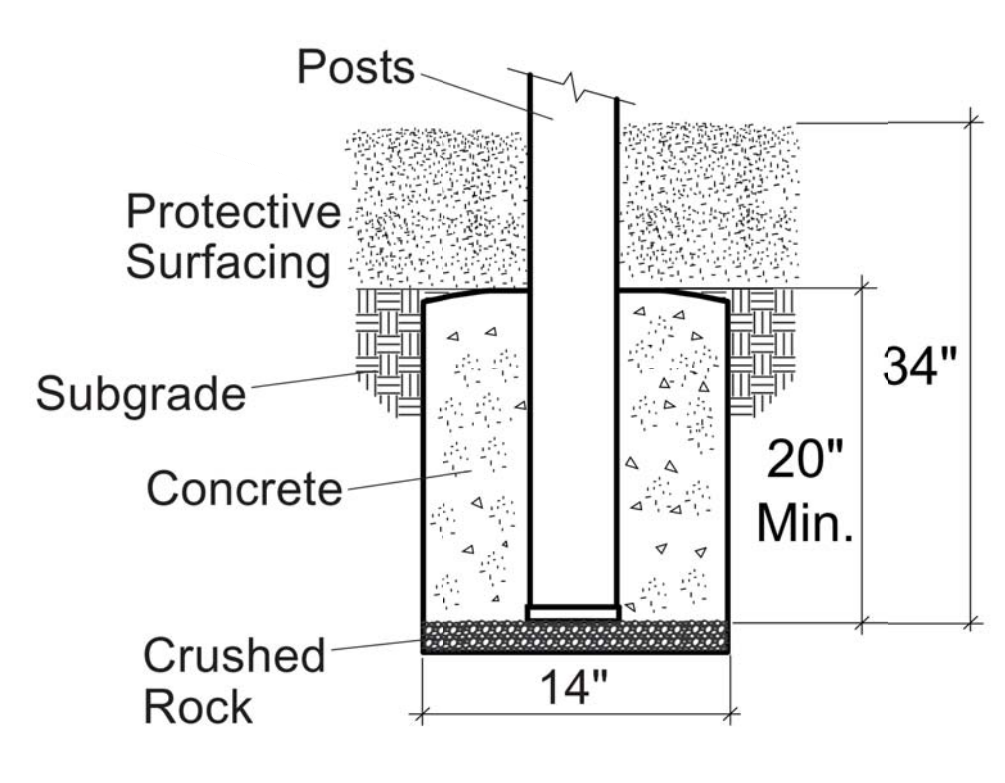
DETAIL
 STEP SUPPORT BURY



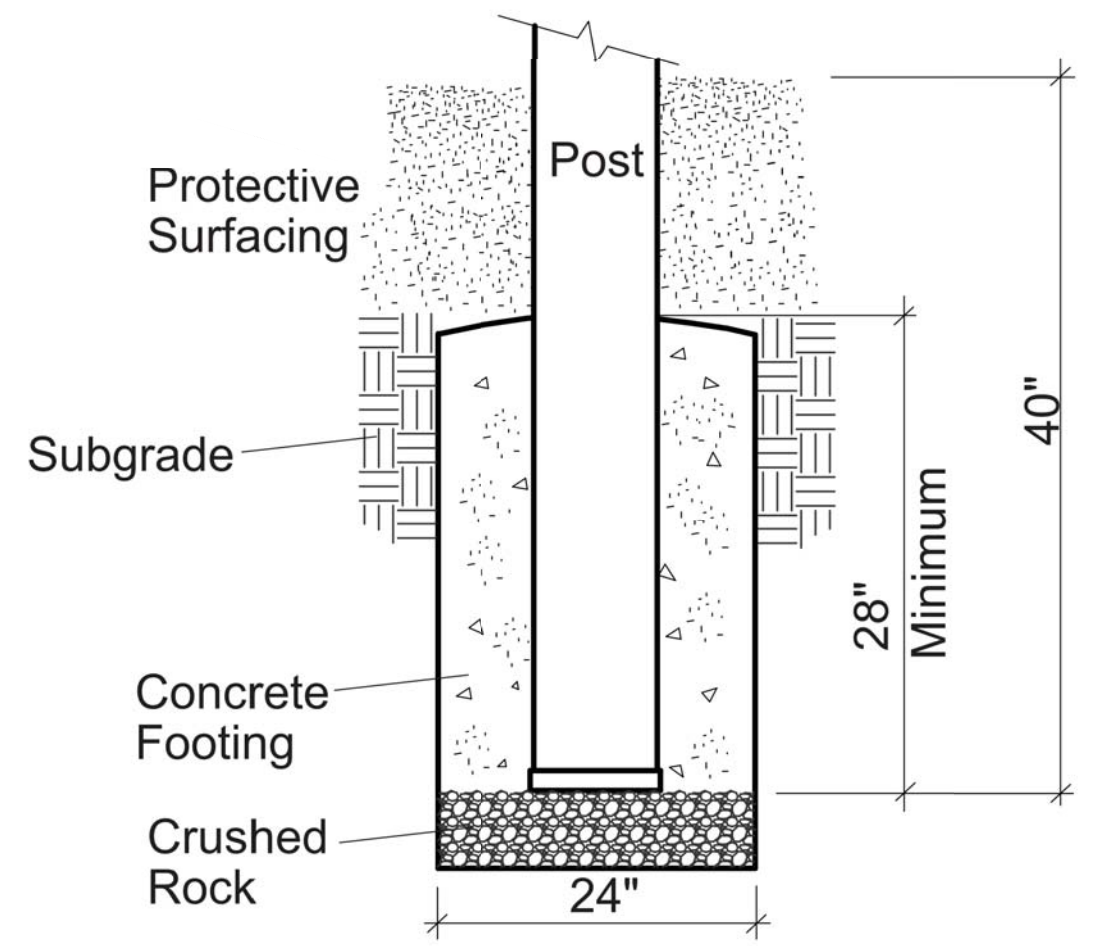
DETAIL
 Direct Bury



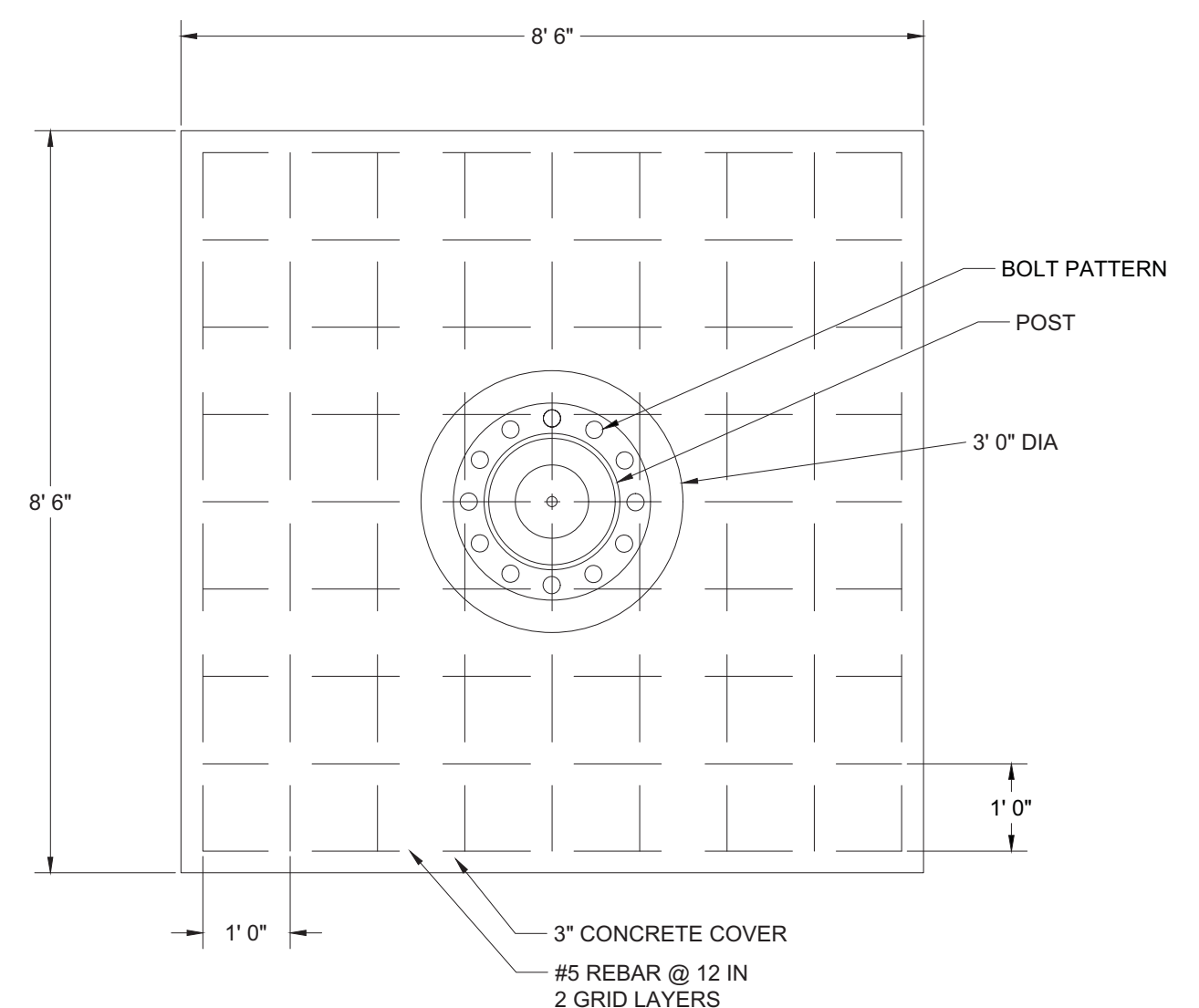
DETAIL
 DIRECT BURY



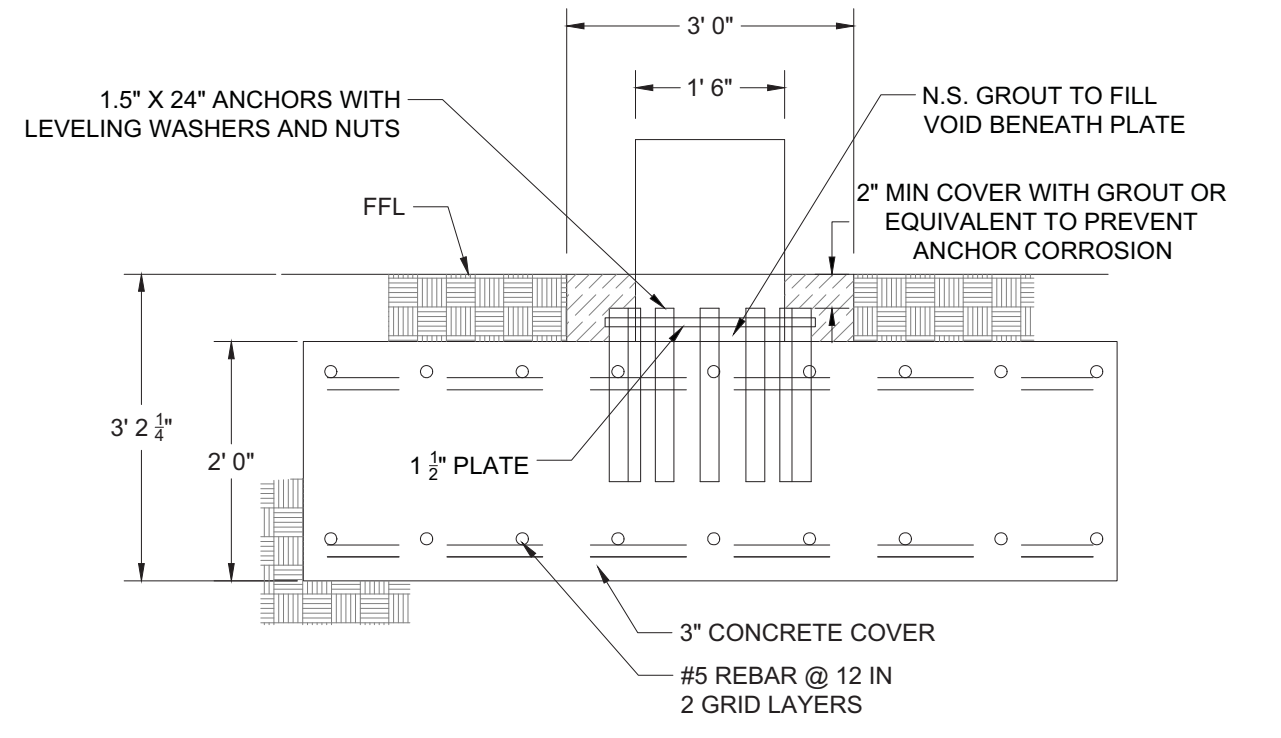
DETAIL
 CONCRETE FOOTING



PLAYGROUND EQUIPMENT FOOTING DETAILS - NTS



SHADE STRUCTURE FOOTING
 NTS



PLOT DATE 2018-06-06

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission

ADC
 ARCHITECTURAL DESIGN
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 945 N. PENNSYLVANIA AVENUE
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 COA-29813

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
 PROF. ENGINEER No.: 49935

**ORANGE COUNTY
 GOVERNMENT
 FLORIDA**

**BARBER PARK
 PLAYGROUND
 IMPROVEMENTS**
 3701 GATLIN AVENUE, ORLANDO, FL 32812

DETAILS - PLAYGROUND EQUIPMENT FOOTINGS

PlayBooster® (2-5 years)

Slides

- 1 123331A Double Slide 32"Dk DB
- 1 124863A SlideWinder2 32"Dk DB

Overhead Events

- 1 139782A 2"Horizontal Ladder Connected Between Decks
- 1 141887A Access/Landing Assembly Seat Barrier Right 8"Dk

Bridges & Ramps

- 1 152443A Grid Walk w/Barriers
- 1 120325A Ramp Berm Exit Plate
- 1 156232A Ramp w/Guardrails w/Curbs Meets ASTM

Enclosures

- 1 191031A Accessible Panel Curb
- 1 115228A Driver Panel Above Deck
- 2 127953A Handhold Panel Set
- 1 115230A Tracing Panel Above Deck
- 1 127440A Trail Tracker Reach Panel Above Deck

Motion & More Fun

- 1 120901A Grab Bar

Decks

- 1 178710A Hexagon Tenderdeck
- 2 121948A Kick Plate 8"Rise
- 1 111228A Square Tenderdeck
- 1 185852A Transfer Step w/2 Handloops DB
- 2 111231A Triangular Tenderdeck

Posts

- 5 111404G 100"Alum Post DB
- 4 111404F 108"Alum Post DB
- 2 111404J 76"Alum Post DB
- 4 111404I 84"Alum Post DB
- 1 111404H 92"Alum Post DB

Freestanding Play

Climbers

- 1 120711A Pod Climber 16" DB
- 2 120710A Pod Climber 8" DB

Swings

- 2 176038A Full Bucket Seat ProGuard Chains for 8' Beam Height
- 1 218671C Molded Bucket Seat (2-5 yrs) w/Harness ProGuard Chains for 8' Beam Height
- 1 177351A Molded Bucket Seat (5-12 yrs) w/Harness ProGuard Chains for 8' Beam Height
- 1 177332A Single Post Swing Frame 8' Beam Height Only
- 1 177333A Single Post Swing Frame Additional Bay 8' Beam Height Only

Signs

- 1 182503A Welcome Sign (LSI Provided) Ages 2-5 years Direct Bury

PlayBooster® (5-12 years)

Slides

- 1 130390A Double Swoosh Slide 72"Dk DB
- 1 124863D SlideWinder2 56"Dk DB 2 Right Climbers W/Permalene Handholds

- 1 150975B Cascade Climber 72"Dk DB Only
- 1 152907A Deck Link w/Barriers Steel end panels 1 Step
- 1 152907C Deck Link w/Barriers Steel end panels 3 Steps
- 1 156915A Pod Climber 16"Dk DB Left Mounted Handhold
- 1 116249A Vertical Ladder 24"Dk DB

Overhead Events

- 1 119805A Single Beam Loop Horiz Lad 84"Connected Between Decks Bridges & Ramps
- 2 174815A 12' Ramp w/Guardrails and Curbs
- 1 120325A Ramp Berm Exit Plate

Concrete Wall 30.0 340.00

Enclosures

- 1 123844A Braille Panel Above Deck
- 2 127953B Handhold Panel
- 1 127953A Handhold Panel Set
- 1 127678A Match 4 Panel Above Deck
- 1 188835A Sign Language Panel Above Deck
- 1 120314A Wire Barrier Above Deck
- 1 120314B Wire Barrier w/Wheel Above Deck

Motion & More Fun

- 1 120901A Grab Bar
- 2 120818A Playstructure Seat
- 1 160054D Stationary Cyclor Accessible Handles Only
- 1 160054C Stationary Cyclor Pedals & Handles
- 1 111362A Talk Tube 40' Tubing Kit PB
- 1 111363B Talk Tube Deck Mounted 16"Dk DB Only
- 1 111363C Talk Tube Deck Mounted 24"Dk DB Only

Decks

- 2 178710A Hexagon Tenderdeck
- 1 121948A Kick Plate 8"Rise
- 1 111228A Square Tenderdeck
- 1 185852A Transfer Step w/2 Handloops DB
- 2 111231A Triangular Tenderdeck

Posts

- 4 111404G 100"Alum Post DB
- 3 111404F 108"Alum Post DB
- 4 111404E 116"Alum Post DB
- 1 111404C 132"Alum Post DB
- 2 111404B 140"Alum Post DB
- 4 111404A 148"Alum Post DB
- 3 111404J 76"Alum Post DB
- 5 111404H 92"Alum Post DB

Freestanding Play

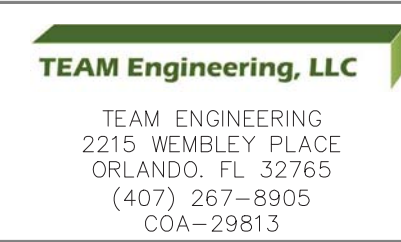
Swings

- 4 174018A Belt Seat ProGuard Chains for 8' Beam Height
- 1 177332A Single Post Swing Frame 8' Beam Height Only
- 1 177333A Single Post Swing Frame Additional Bay 8' Beam Height Only

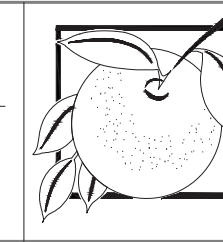
Signs

- 1 182503C Welcome Sign (LSI Provided) Ages 5-12 years Direct Bury

NO.	DATE	REVISION
2	09/28/2017	100% Submission
1	06/09/2017	60% Submission



JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG. PROF. ENGINEER No.: 49935



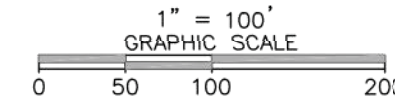
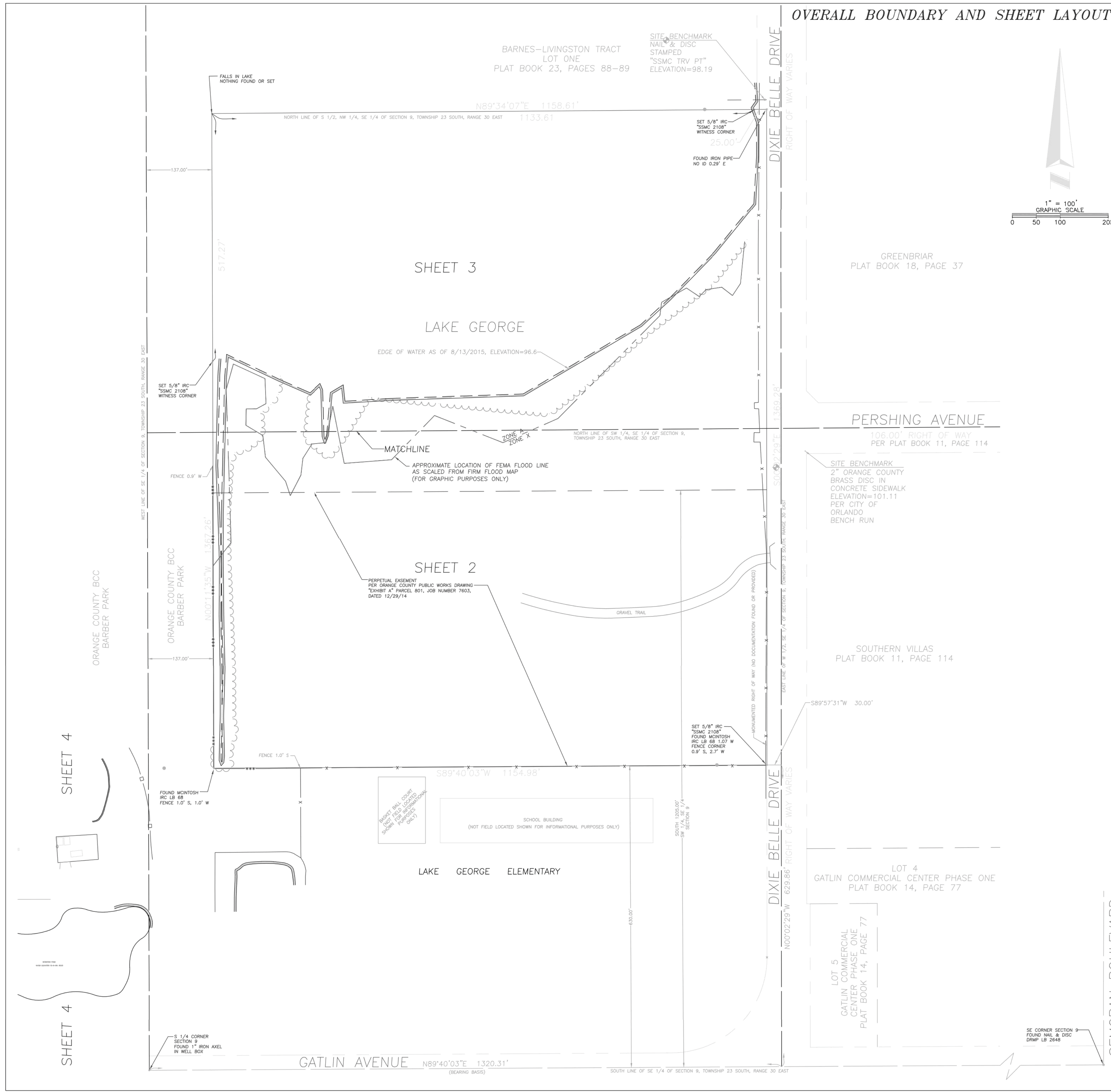
ORANGE COUNTY GOVERNMENT FLORIDA

BARBER PARK

PLAYGROUND IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

DETAILS - PLAYGROUND EQUIPMENT LIST

OVERALL BOUNDARY AND SHEET LAYOUT



LEGEND & ABBREVIATIONS:

⊕	= BENCHMARK	-X-	= CHAINLINK FENCE
h	= BENCH	-O-	= WOOD FENCE
■	= CONCRETE MONUMENT	-**-	= WIRE FENCE
⊙	= CLEAN OUT	□	= POST & RAIL FENCE
⊕	= COMBINATION UTILITY POLE	-OHL-	= OVERHEAD UTILITY LINE
⊕	= DRAINAGE MANHOLE	~	= TREE/HEDGE LINE
⊕	= FLAT GRATE INLET	CMP	= CORRUGATED METAL PIPE
⊕	= FIRE HYDRANT	RCP	= REINFORCED CONCRETE PIPE
⊕	= DOWN GUY	NAD	= NORTH AMERICAN DATUM
⊕	= HAND HOLE	NAVD	= NORTH AMERICAN VERTICAL DATUM
⊕	= IRON PIPE	FEMA	= FEDERAL EMERGENCY MANAGEMENT AGENCY
⊕	= IRON ROD	FIRM	= FLOOD INSURANCE RATE MAP
⊕	= LANDSCAPE LIGHTING	TRAV PT	= TRAVERSE POINT
⊕	= MITERED END SECTION	SSMC	= SOUTHEASTERN SURVEYING & MAPPING CORPORATION
⊕	= MONITORING WELL		
⊕	= NAIL W/DISC		
⊕	= UTILITY POLE		
⊕	= POST/BOLLARD		
⊕	= SANITARY MANHOLE		
⊕	= NON-TRAFFIC SIGN		
⊕	= TRAFFIC CONTROLLER CABINET		
⊕	= TRAFFIC SIGNAL HEAD		
⊕	= TRAFFIC SIGN		
⊕	= TELEPHONE MANHOLE		
⊕	= TRAFFIC SIGNAL SPAN POLE		
⊕	= UTILITY MARKER		
⊕	= VAULT		
⊕	= WATER METER		
⊕	= WATER VALVE		
⊕	= CROSS CUT		
B-1	= SOIL BORING DESIGNATION AND LOCATION		

SIZE SHOWN IS TRUNK DIAMETER IN INCHES MEASURED AT CHEST HEIGHT

⊕	= PALM
⊕	= TREE
M	= MAGNOLIA TREE
CE	= CEDAR TREE
MY	= MYRTLE TREE
O	= OAK TREE
UK	= UNKNOWN TREE
MA	= MAPLE TREE
S	= SYCAMORE TREE
G	= GUM TREE

RECORDATION:
PER OFFICIAL RECORD BOOK 7554, PAGE 4238

A portion of Section 9, Township 23 South, Range 30 East, Orange County Florida, being more particularly described as follows:

The South Half of the Northwest Quarter of the Southeast Quarter (less the West 137 feet thereof) and the Southwest Quarter of the Southeast Quarter (less the West 137 feet and the South 630 feet thereof), less the right of way for Dixie Belle Drive of Section 9, Township 23 South, Range 30 East, public records of Orange County, Florida.

SURVEYOR'S REPORT:

- Utility locations if shown hereon are based on field location of markings by Utility Company representatives, surface features and construction plans furnished to the surveyor. Additional sub-surface utilities may exist that have not been field located.
- Easements or rights of way that appear on recorded plans or that have been furnished to the surveyor by others have been incorporated into this drawing with appropriate notation. Other easements may be discovered by a search of the Public Records.
- Measurement methods used for this survey meet STANDARDS OF PRACTICE FOR LAND SURVEYING Chapter 5J-17 requirements.
- Underground foundations have not been located.
- Bearings and distances shown hereon are measured unless otherwise noted.
- The survey map and report or the copies thereof are not valid without the signature and the original raised seal of a Florida Licensed Surveyor and Mapper.
- Features shown by symbol as indicated in the legend are not to scale.
- Bearings shown hereon are based on South line of Southeast 1/4 of Section 9, Township 23 South, Range 30 East as being N89°40'03"E.
- Vertical information shown hereon refers to Orange County Benchmark designated L911-011, Elevation being 101.11 feet per City of Orlando bench run NAVD88 datum.
- Based on the Federal Emergency Management Agency Flood Insurance Rate Map (FIRM) number 12095C0430F, dated 09/25/2009, the above described property is within Zone "X" and/or Zone "A".
- The horizontal features shown on the map refer to a National Geodetic Survey point with designation "GIS 0131 KAREN MCKEE" and PID number AK7129 and is relative to North American Datum, NAD 1983, 2011 adjustment, State Plane Coordinate System, Florida East Zone. Distances shown are GRID distances.
- This Survey was performed without benefit of an abstract, title search, title opinion or title commitment. A title search may reveal additional information affecting the parcel as shown.
- Unless shown, only those visible features found within the boundaries of this survey or in the immediate vicinity of the above described parcel boundary have been located.
- Dimensions are shown in United States standard survey feet and decimals thereof.
- Adjacent property information shown hereon that was not furnished to this surveyor was obtained by searching the applicable County appraiser's site.
- Positional accuracy meets National Geodetic Survey, NGS Third Order, Class One, specifically 1:10,000, verified by redundant measurements.
- Additions or deletions to survey maps or reports by other than the signing party or parties is prohibited without written consent of the signing party or parties.
- The above described parcel contains 36.34 acres, more or less.
- Right of Way information shown hereon was determined by found monumentation, recorded plats, recorded Right of Way Maps, and information obtained on the Orange County Property Appraisers web site. No Right of Way documentation was provided by client.
- Sewer pipes, sizes, and connectivity per City of Orlando.
- Soil boring locations from Geo-technical engineering report by Terracon, dated September 24, 2015.

NOTICE OF LIABILITY:
This survey is certified to those individuals shown on the face thereof. Any other use, benefit or reliance by any other party is strictly prohibited and restricted. Surveyor is responsible only to those certified and hereby disclaims any other liability and hereby restricts the rights of any other individual or firm to use this survey, without express written consent of the surveyor.

REVISION	DATE	DESCRIPTION
4	09/28/2017	ADDED SHEET 4 & ADDITIONAL DATA
3	09/15/2015	ADDED ADDITIONAL DATA
2	09/15/2015	ADDED ADDITIONAL DATA
1	06/09/2017	ADDED ADDITIONAL DATA

BY: JLC

DATE: 9/15/2015

SCALE: 1" = 100'

PROJECT: Barber Park Multi-Purpose Fields-Feasibility Study

DRAWN BY: JLC

CHECKED BY: JLC

DATE: 9/15/2015

SCALE: 1" = 100'

DRAWING NUMBER: 46225009C

SHEET NUMBER: 1 OF 4

NOT VALID WITHOUT SHEETS 2-4

JAMES L. PETERSEN
Professional Surveyor
Number 1791

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
6600 All American Boulevard
Orlando, Florida 32810-4850
(407) 209-1111
e-mail: info@southesternsurveying.com

NO.	DATE	REVISION
3	11/17/2017	Revisions per Health Department Comments
2	09/28/2017	100% Submission
1	06/09/2017	60% SUBMISSION

ADC
ARCHITECTURAL DESIGN
COLLABORATIVE
842 N. PENNSYLVANIA AVENUE
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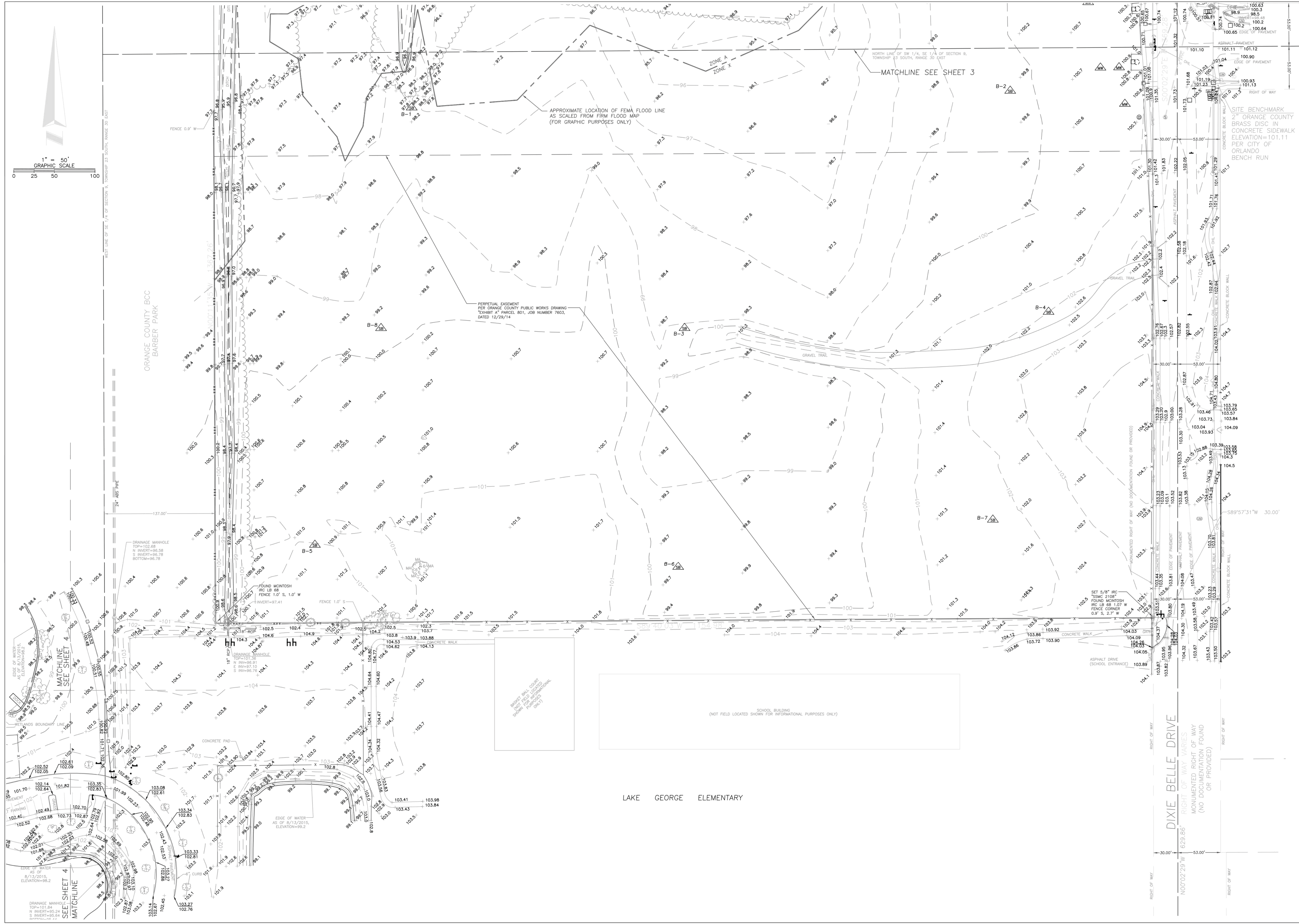
TEAM Engineering, LLC
TEAM ENGINEERING
2215 WEMBLEY PLACE
ORLANDO, FL 32765
(407) 267-8905
COA-2981.3

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
PROF. ENGINEER No.: 49935

ORANGE COUNTY GOVERNMENT FLORIDA

BARBER PARK
SPLASH PAD & PLAYGROUND IMPROVEMENTS
3701 GATLIN AVENUE, ORLANDO, FL 32812

SURVEY



REVISION DATE	REVISION
9/27/2015	ADDED SHEET 4 & ADDITIONAL DATA
05/19/2017	ADDED ADDITIONAL DATA
06/23/2017	ADDED ADDITIONAL DATA

BY: JLC
 DATE: 9/15/2015
 SCALE: 1"=50'
 DRAWN BY: JLC

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
 6500 All American Boulevard
 Orlando, Florida 32810-4550
 (407) 292-4400
 e-mail: info@southeasternsurveying.com

Project: Barber Park
 Multi-Purpose Feasibility Study
 Field Date: 9/15/2015
 Scale: 1"=50'

SEE SHEET 1 FOR NOTES
 LEGEND AND DESCRIPTION

DRAWING NUMBER: 46225009C
 SHEET NUMBER: 2 OF 4

NO.	DATE	REVISION
3	11/17/2017	Revisions per Health Department Comments
2	09/28/2017	100% Submission
1	06/09/2017	60% SUBMISSION

ADC
 ARCHITECTURAL DESIGN COLLABORATIVE
 847 N. PENNSYLVANIA AVENUE
 WINTER PARK, FLORIDA 32789
 (407) 429-1188

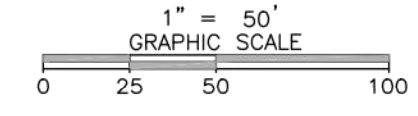
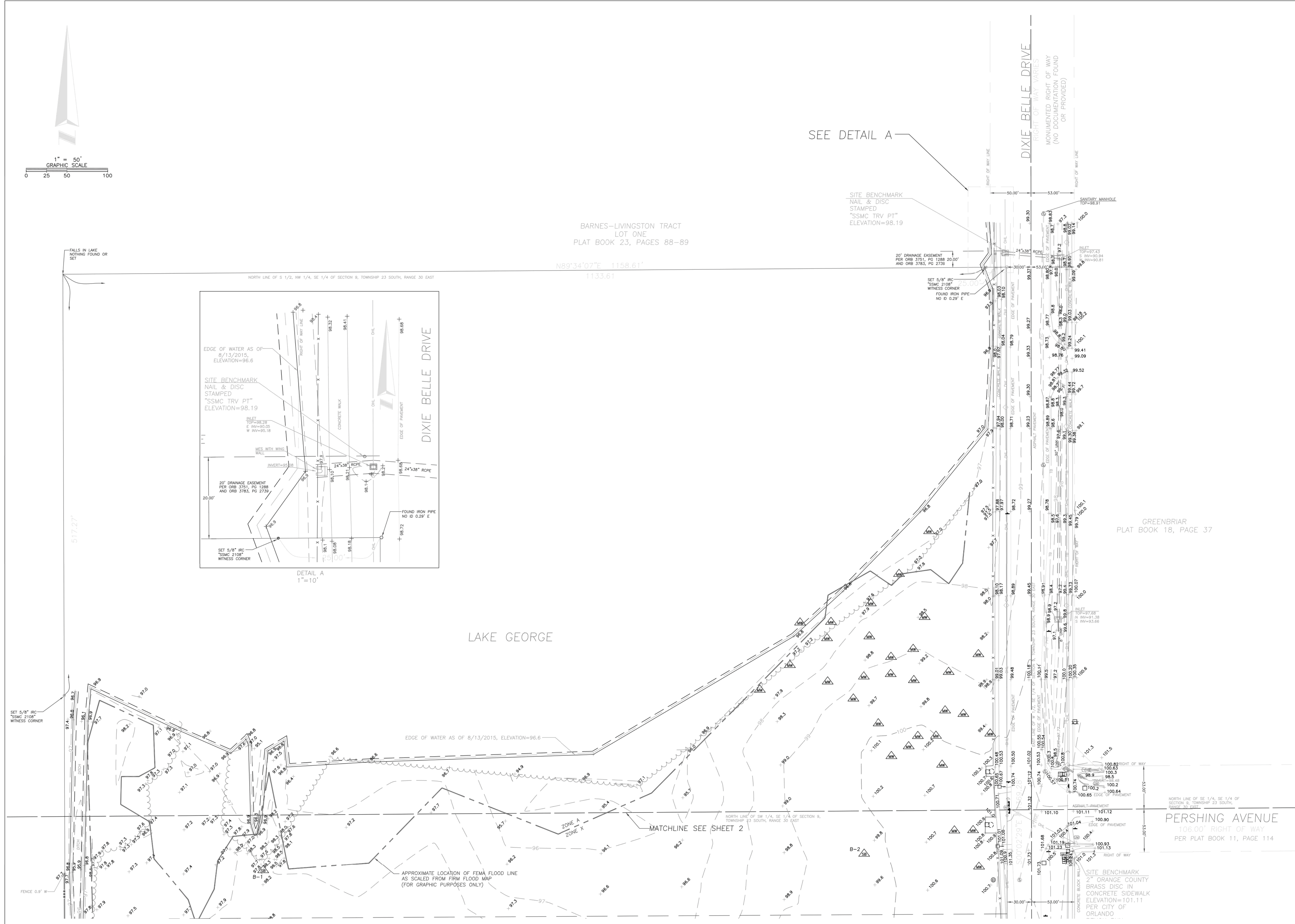
TEAM Engineering, LLC
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 (407) 267-8905
 COA-29813

JEFFREY EARHART, PE, ENGINEER OF RECORD FLORIDA REG.
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ORANGE COUNTY GOVERNMENT FLORIDA
 3701 GATLIN AVENUE, ORLANDO, FL 32812

BARBER PARK SPLASH PAD & PLAYGROUND IMPROVEMENTS
 3701 GATLIN AVENUE, ORLANDO, FL 32812

SURVEY



REVISION DATE	REVISION
9/24/2015	ADDED SHEET 4 & ADDITIONAL DATA
09/19/2017	ADDED ADDITIONAL DATA
09/22/2017	ADDED ADDITIONAL DATA

SOUTHEASTERN SURVEYING AND MAPPING CORPORATION
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 Orlando, Florida 32810-4850
 (407) 209-0800
 e-mail: info@southeasternsurveying.com

Boundary & Topographic Survey
 Barber Park
 Multi-Purpose Fields-Feasibility Study

Field Date: 9/15/2015
 Drawn By: JLC
 Scale: 1"=50'

SEE SHEET 1 FOR NOTES
 LEGEND AND DESCRIPTION

DRAWING NUMBER
 46225009C
 SHEET NUMBER
 3 OF 4

NOT VALID WITHOUT SHEETS 1-2 & 4

NO.	DATE	REVISION
3	11/17/2017	Revisions per Health Department Comments
2	09/28/2017	100% Submission
1	06/09/2017	60% SUBMISSION

ADC
 ARCHITECTURAL DESIGN
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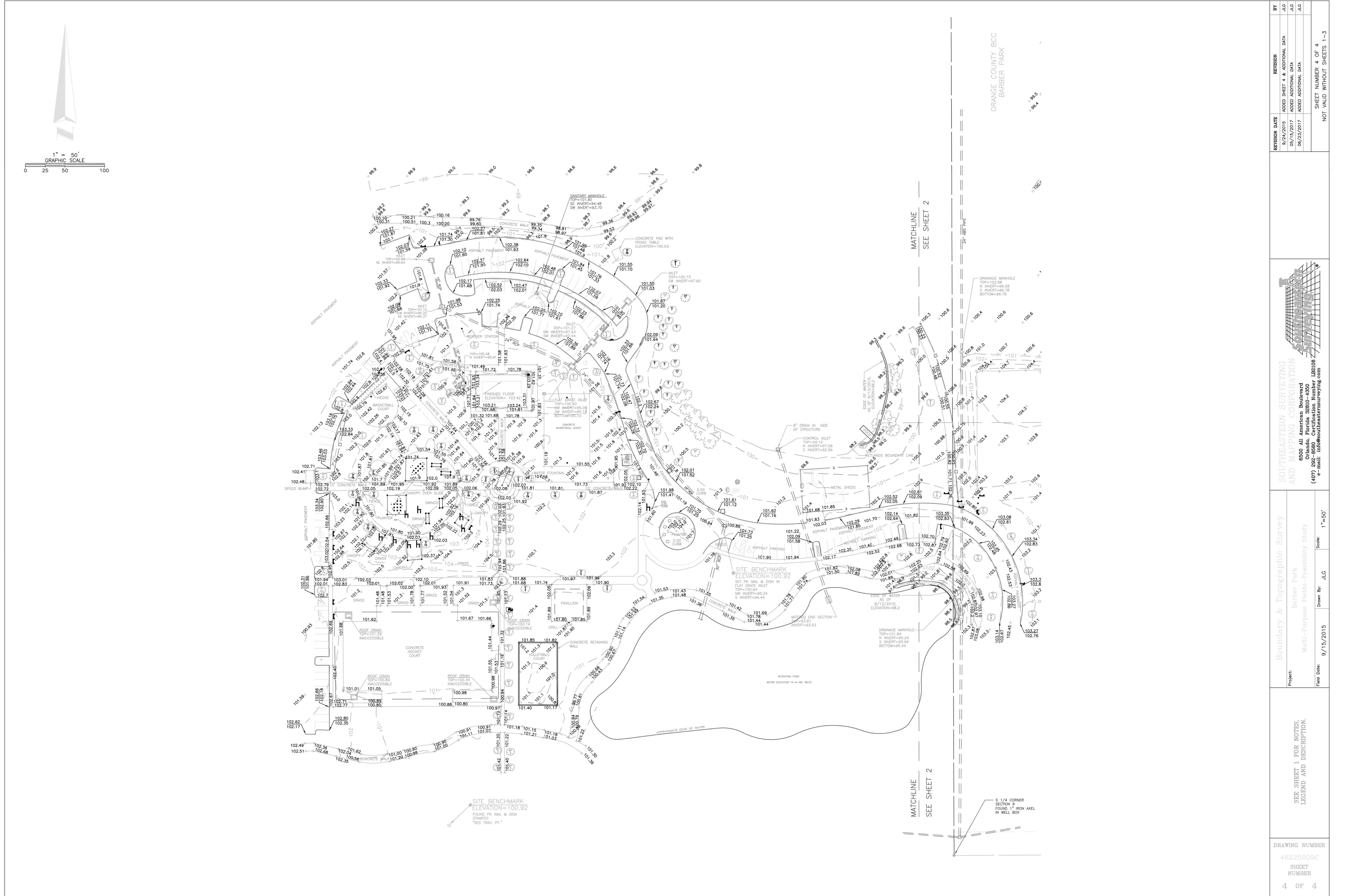
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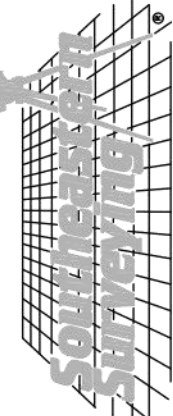
ORANGE COUNTY GOVERNMENT FLORIDA

BARBER PARK
 SPLASH PAD & PLAYGROUND
 IMPROVEMENTS
 3701 GATLIN AVENUE, ORLANDO, FL 32812

SURVEY



REVISION DATE	REVISION
9/24/2015	ADDED SHEET 4 & ADDITIONAL DATA
05/19/2017	ADDED ADDITIONAL DATA
06/23/2017	ADDED ADDITIONAL DATA


**SOUTHEASTERN SURVEYING
AND MAPPING CORPORATION**
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 Orlando, Florida 32810-4550
 (407) 292-0000
 e-mail: info@seasurveysurveying.com

Boundary & Topographic Survey
 Project: Barber Park
 Multi-Purpose Feasibility Study
 Date: 9/15/2015
 Drawn By: JLC
 Scale: 1"=50'
 Field Date:


SEE SHEET 1 FOR NOTES
 LEGEND AND DESCRIPTION

DRAWING NUMBER
 46225009C
 SHEET NUMBER
 4 OF 4

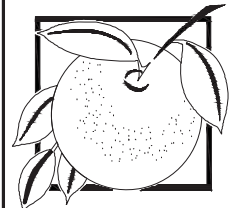
NOT VALID WITHOUT SHEETS 1-3

NO.	DATE	REVISION
3	11/17/2017	Revisions per Health Department Comments
2	09/28/2017	100% Submission
1	06/09/2017	60% SUBMISSION


**ARCHITECTURAL DESIGN
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 (407) 629-1188


**TEAM ENGINEERING
LLC**
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**ORANGE COUNTY
GOVERNMENT
FLORIDA**

**BARBER PARK
SPLASH PAD & PLAYGROUND
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SURVEY