

CONSTRUCTION PLANS FOR SHADOW BAY PARK PLAYGROUND AND FITNESS AREA **5100 TURKEY LAKE ROAD ORLANDO, ORANGE COUNTY, FLORIDA 32819**

GOVERNING STANDARDS AND SPECIFICATIONS: THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH AND GOVERNED BY THE FLORIDA DEPARTMENT OF TRANSPORTATION'S DESIGN STANDARDS DATED 2015 AND THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE **CONSTRUCTION DATED 2012, AS AMENDED BY CONTRACT** DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS:

"Design Standards" web site: www.dot.state.fl.us/rddesign/

FLORIDA BUILDING CODE FIFTH EDITION (2014)





VICINITY MAP NOT TO SCALE

SCOPE: ADDITION OF ACCESSIBLE SIDEWALKS AND MODIFICATIONS AND REPLACEMENT TO EXISTING SHADOW BAY PARK PLAYGROUND AND FITNESS EQUIPMENT.

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.

12" X 18" DRAWINGS ~ HALF SIZE 24" X 36" DRAWINGS ~ TO SCALE

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

NOTE

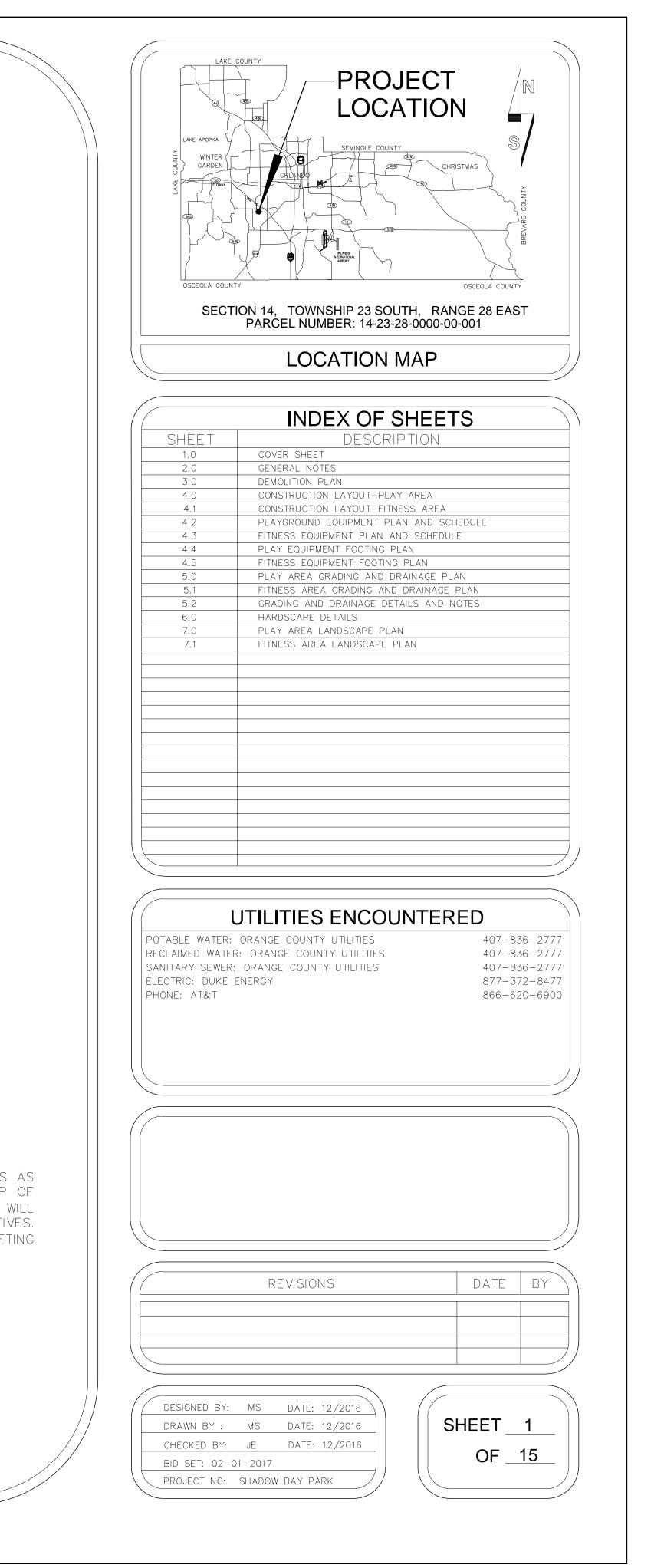
PLANS WERE PREPARED TO AVAILABLE INFORMATION TO ADEQUATELY ADDRESS CONDITIONS AS THEY EXISTED AT THE TIME OF PLANS PREPARATION. DEEDS, CONDITIONS AND OWNERSHIP OF PROPERTIES MAY HAVE CHANGED SINCE PROJECT DESIGN. THE COUNTY'S REPRESENTATIVE WILL ADDRESS CHANGES AND NEEDS WITH THE PROPERTY OWNER OR THEIR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



ENGINEER:

JEFFREY J. EARHART

REG. NO. 49935



TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

GENERAL NOTES SHADOW BAY PARK PLAY AND FITNESS AREA



GENERAL NOTES:

1. ALL ELEVATIONS SHOWN IN THESE PLANS ARE

2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE PROJECT SPECIFICATIONS, THE FLORIDA DEPARTME CONSTRUCTION (2012 EDITION), AND SUPPLEMENTS

3. SUBSURFACE INFORMATION SHOWN ON THESE FOR THE PROJECT. THE ACCURACY OF THIS INFOR AS PART OF THE PLAN GOVERNING CONSTRUCTION TO INQUIRE OF THE ENGINEER IF ADDITIONAL INFOR PRIOR TO BIDDING, AND TO MAKE HIS OWN DETERI

4. ALL PERSONAL PROPERTY, EXCEPT MAIL BOXES OWNER SHALL BE REMOVED BY THE CONTRACTOR THE PLANS. MAIL BOXES SHALL BE RELOCATED B' STANDARD 532. PAYMENT WILL BE INCLUDED IN

5. THE DISPOSAL OF EXCESS EARTHWORK MATERIA OF THE DISPOSAL SITES SHALL BE OBTAINED FROM THE PROPERTY AND RESPONSIBILITY OF THE CONT

6. SOD ALL DISTURBED AREAS UNLESS OTHERWISE OTHERWISE DIRECTED BY THE ENGINEER.

7. PEGGED SOD TO BE PLACED ON ALL SLOPES

8. SAWCUT CONCRETE DRIVEWAYS AND WALKWAYS

9. ALL PAVEMENT OFFSETS SHOWN ARE TO PROPO PROPOSED EDGE OF PAVEMENT.

10. THE CONTRACTOR SHALL PERFORM HIS WORK IN THE BID SPECIFICATIONS. ENVIRONMENTAL CON-PREVENTION PLAN AND/OR DESIGNATED BY THE

11. THE INFORMATION SHOWN ON THESE DRAWINGS BASED ON AVAILABLE RECORDS AND SURVEYS BU SHALL MAKE HIS OWN DETERMINATION AS TO THE DAMAGE THERETO AND IS RESPONSIBLE FOR COOF ORDERING DRAINAGE STRUCTURES, THE CONTRACT ON CONFLICTS IS TO BE SUBMITTED TO THE ENGIN STATE ONE CALL MUST BE NOTIFIED FOR LOCATES

12. UTILITIES ARE TO BE ADJUSTED BY OTHERS O

13. THE CONTRACTOR SHALL NOTIFY ALL GAS UTIL REQUIRED BY CHAPTER 77–153 OF THE FLORIDA

14. ALL EXISTING DRAINAGE STRUCTURES AND PIPI UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRE

15. DESIGN CHANGES OF PIPE INVERTS NOT EXCEP FOR ADDITIONAL COMPENSATION FOR THE PERTINE

16. CONTRACTOR IS TO MAINTAIN UNINTERRUPTED NOTIFY PROPERTY OWNERS FIVE DAYS PRIOR TO

17. PRIOR TO COMMENCEMENT OF WORK, THE CON PERFORMING ANY UTILITY ADJUSTMENTS OR RELOC

18. CONTRACTOR TO VIDEOTAPE AND PHOTOGRAPH THE COUNTY. COST TO BE INCLUDED IN THE PRICE

19. ALL EXISTING SPOT ELEVATIONS ARE AS A RE ELEVATIONS ARE RELATIVE TO THOSE FIELD SHOT ELEVATION WAS BASED ON THE WATER LEVEL IN RECREATION 407-836-6261, OR ENGINEER, JEFFE



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EXISTING CONDITIONS AND DEMOLITION PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

AREA 3: EXISTING PLAYGROUND AREA TO BE DEMOLISHED FOR PROPOSED OPEN SPACE AREA

EXISTING CONCRETE PAVING TO REMAIN, HIS SUBCONTRACTORS. **3 RAIL FENCING AND PICNIC TABLES SHALL BE** REMOVED BY SHADOW BAY PARK STAFF AND RELOCATED ONSITE AS REQUIRED AND DIRECTED BY PROGRAM MANAGER. THIS ITEM IS NOT IN CONTRACT. EXISTING BBQ GRILLS TO REMAIN ALL EXISTING OAK TREES WITHIN WORK AREA SHALL HAVE TREE PROTECTION FENCING AS PER ORANGE COUNTY CODE AND DETAILS **EXISTING PAVILION AND PICNIC TABLES TO REMAIN** SILT FENCING AS REQUIRED, SEE SHEET 6.0 LIMIT OF WORK, INSTALL TEMPORARY CHAIN FENCING AT PARKING AND WALKWAY AREAS REMOVAL OF PLAY EQUIPMENT IN AREA 3 SHALL BE PROVIDED BY ORANGE COUNTY SUPPORT STAFF, ALL EQUIPMENT, FOOTINGS, MULCH, EDGING SHALL BE REMOVED AND DISPOSED OF AS PER ORANGE COUNTY COMPTROLLER REGULATIONS. OC SUPPORT SHALL IMPORT FILL, COMPACT AND GRADE IN PREPARATION FOR

CONTRACTOR SHALL PROTECT EXISTING CONCRETE PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS.

PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF

EXISTING 3 RAIL FENCE AND PICNIC TABLE TO REMAIN CONTRACTOR SHALL PROTECT EXISTING CONCRETE

AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS. EXISTING CONCRETE PAVING TO REMAIN,

PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND AREAS DAMAGED BY HIS WORK OR THE WORK OF HIS SUBCONTRACTORS.

CONTRACTOR SHALL PROTECT EXISTING CONCRETE

EXISTING CONCRETE PAVING TO REMAIN,

REMOVE ALL EXISTING PLAY EQUIPMENT AND ALL CONCRETE EQUIPMENT FOOTINGS. REMOVE POUR IN PLACE SAFETY SURFACE AND ALL 4" CONCRETE BASE REMOVE ALL SHADE SAILS AND COLUMNS WITH

FOOTINGS AS REQUIRED. REMOVE ALL BENCHES, BIKE RACK, EDGING, AND EXISTING CHAIN LINK

FENCING AND REMOVE FROM SITE. FIELD VERIFY ALL

REMOVAL QUANTITIES. SILT FENCING AS REQUIRED, SEE SHEET 6.0, LOCATE APPROXIMATELY 5-10' OUTSIDE EXISTING CHAIN LINK FENCE WHERE POSSIBLE.

INSTALL TREE PROTECTION AROUND EXISTING OAKS TO REMAIN AS PER ORANGE COUNTY CODE AND DETAILS

SAWCUT EXISTING CONCRETE PAVING TO BE

REMOVED, FIELD VERIFY QUANTITIES

EXISTING WATER FOUNTAIN TO REMAIN, CONTRACTOR SHALL PREP AND PAINT FOUNTAIN FOREST GREEN

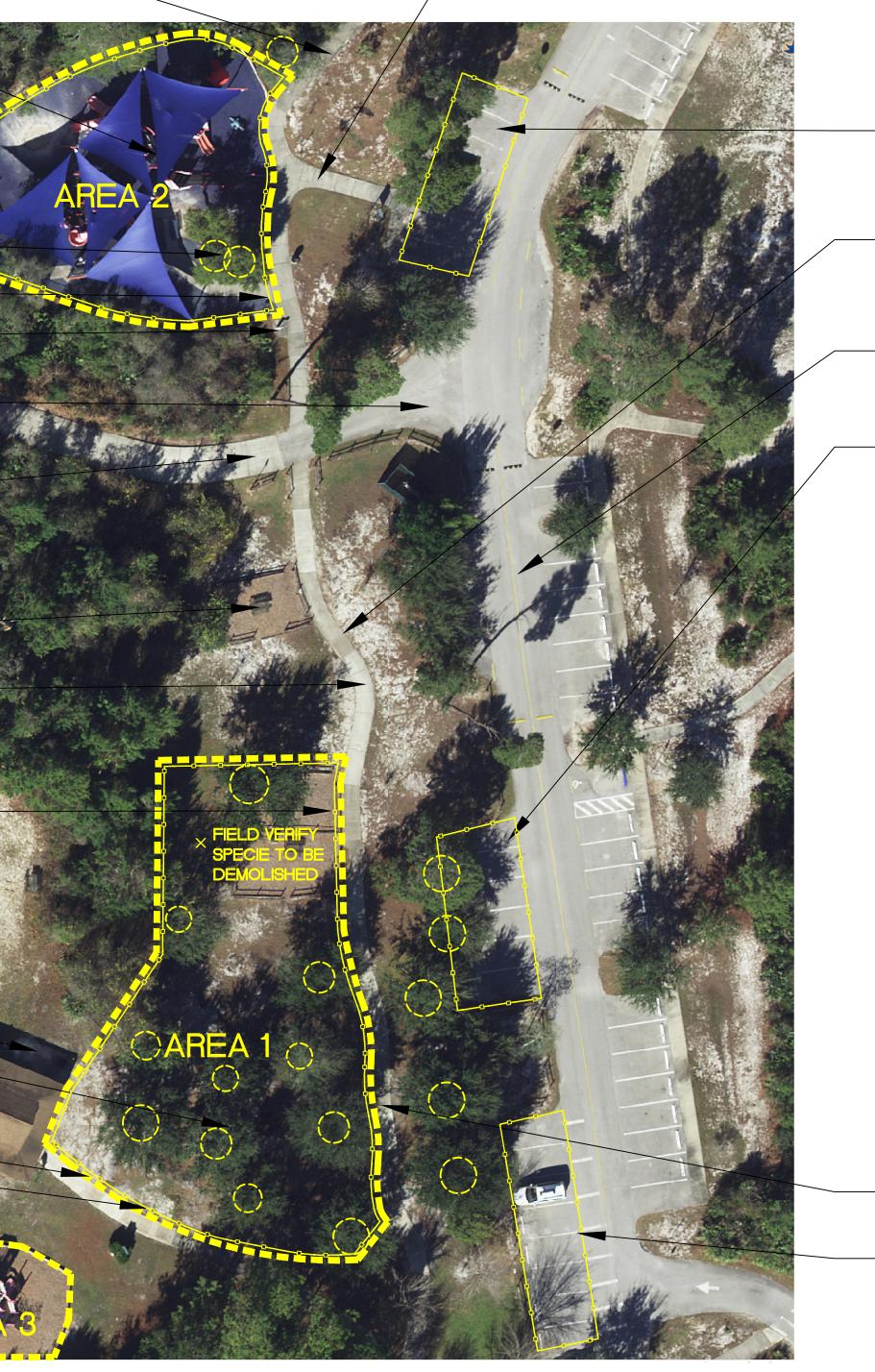
EXISTING ASPHALTIC CONCRETE PAVING TO REMAIN, CONTRACTOR SHALL PROTECT EXISTING PAVING. CONTRACTOR SHALL REPAIR AT HIS EXPENSE AND

SODDING BY SEPARATE CONTINUING CONTRACT. ALL WORK HEREIN, NOT IN CONTRACT.

AREA 2: EXISTING PLAYGROUND AREA TO BE DEMOLISHED FOR PROPOSED FITNESS AREA

EXISTING WALK TO REMAIN





- CONTRACTOR STORAGE AREA

- EXISTING WALK TO REMAIN

EXISTING ASPHALT PAVING TO REMAIN

· CONTRACTOR LAYDOWN AND MATERIAL STORAGE AND DUMPSTER AREA WITHIN ASPHALT PARKING AREA. STORAGE AREA MUST STAY OUTSIDE DRIVEWAY LANE AND SHALL BE ENCLOSED BY TEMPORARY CHAIN LINK FENCING. ADDITIONAL STORAGE AREA IS AVAILABLE TO THE SOUTH FOR PLAY EQUIPMENT AREA AND TO THE NORTH FOR THE FITNESS EQUIPMENT AREA. SECURITY FOR ALL EQUIPMENT, MATERIALS, TOOLS, AND CONSTRUCTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR MAY REQUEST ADDITIONAL AREA FOR STORAGE AS REQUIRED. ALL REQUESTS MUST BE WRITTEN AND SUBMITTED TO CAPITAL PROJECTS PROJECT MANAGER FOR APPROVAL

SEQUENCE OF DEMOLITION AND CONSTRUCTION

DEMOLITION OF EXISTING SITE AS DESIGNATED ON PLAN AS AREA 1 AND PREPARE SITE FOR CONSTRUCTION OF NEW PLAYGROUND. DEMOLITION IN THIS AREA NOT IN CONTRACT. THIS WORK SHALL BE PERFORMED BY ORANGE COUNTY PARK SUPPORT STAFF. ALL TREE PROTECTION MEASURES ARE NOT IN CONTRACT. THIS WORK SHALL BE PERFORMED BY ORANGE COUNTY SUPPORT STAFF FOR AREAS 1 AND

2. CONSTRUCTION OF NEW PLAYGROUND IN AREA 1. INCLUDES ALL PLAY EQUIPMENT, SITE FURNISHINGS, POUR IN PLACE SAFETY SURFACING, GRADING AND DRAINAGE OF SURFACE BASE AS DETAILED, CONSTRUCTION OF NEW CONCRETE SIDEWALKS AND ANY OTHER ITEMS RELATED TO THE NEW PLAYGROUND SCOPE OF WORK.

3. DEMOLITION OF EXISTING PLAYGROUND IN AREA 2, PREPARATION OF AREA 2 FOR CONSTRUCTION OF NEW FITNESS EQUIPMENT. DEMOLITION OF THIS AREA NOT IN CONTRACT. THIS WORK SHALL BE PERFORMED BY ORANGE COUNTY PARK SUPPORT STAFF AFTER COMPLETION OF THE NEW PLAYGROUND CONSTRUCTION IN AREA 1.

4. DEMOLITION OF EXISTING PLAYGROUND IN AREA 3 NOT IN CONTRACT. DEMOLITION OF THIS AREA SHALL BE PERFORMED BY ORANGE COUNTY PARK SUPPORT STAFF AFTER COMPLETION OF THE NEW PLAYGROUND CONSTRUCTION IN AREA 1.

5. CONSTRUCTION OF NEW FITNESS AREA AS SHOWN IN AREA 2. INCLUDES ALL FITNESS EQUIPMENT, GRADING AND DRAINAGE, CONCRETE PAVING, SITE FURNISHINGS AS REQUIRED.

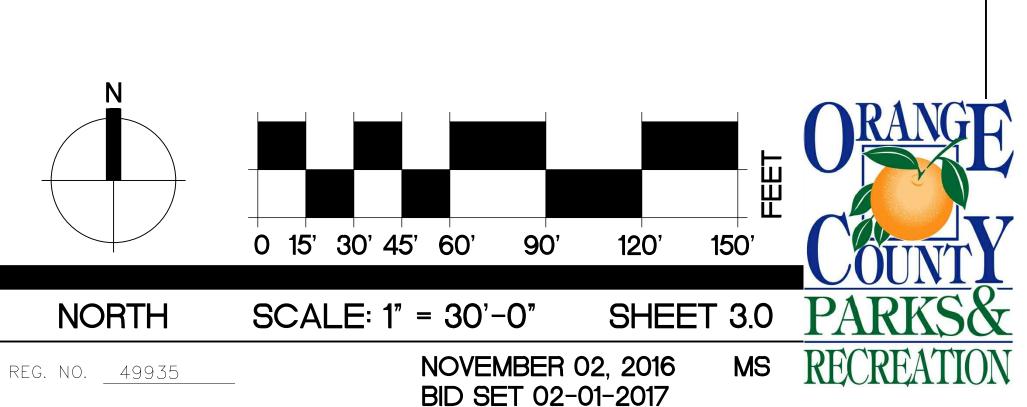
6. DEMOLITION OF EXISTING FITNESS EQUIPMENT NOT IN CONTRACT. DEMOLITION OF THIS AREA SHALL BE PERFORMED BY ORANGE COUNTY PARK SUPPORT STAFF AFTER COMPLETION OF THE FITNESS AREA CONSTRUCTION.

- EXISTING WALK TO REMAIN

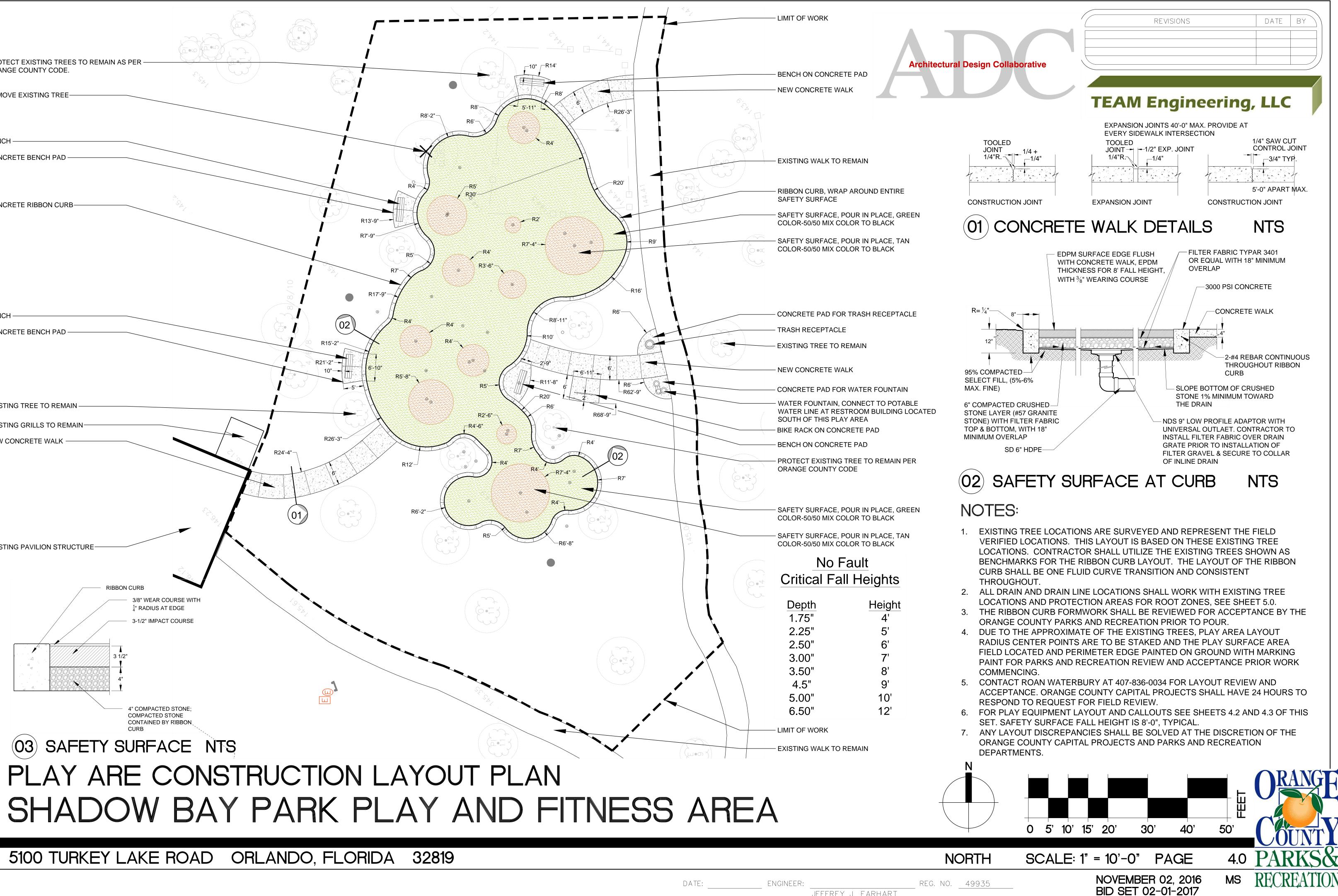
CONTRACTOR STORAGE AREA

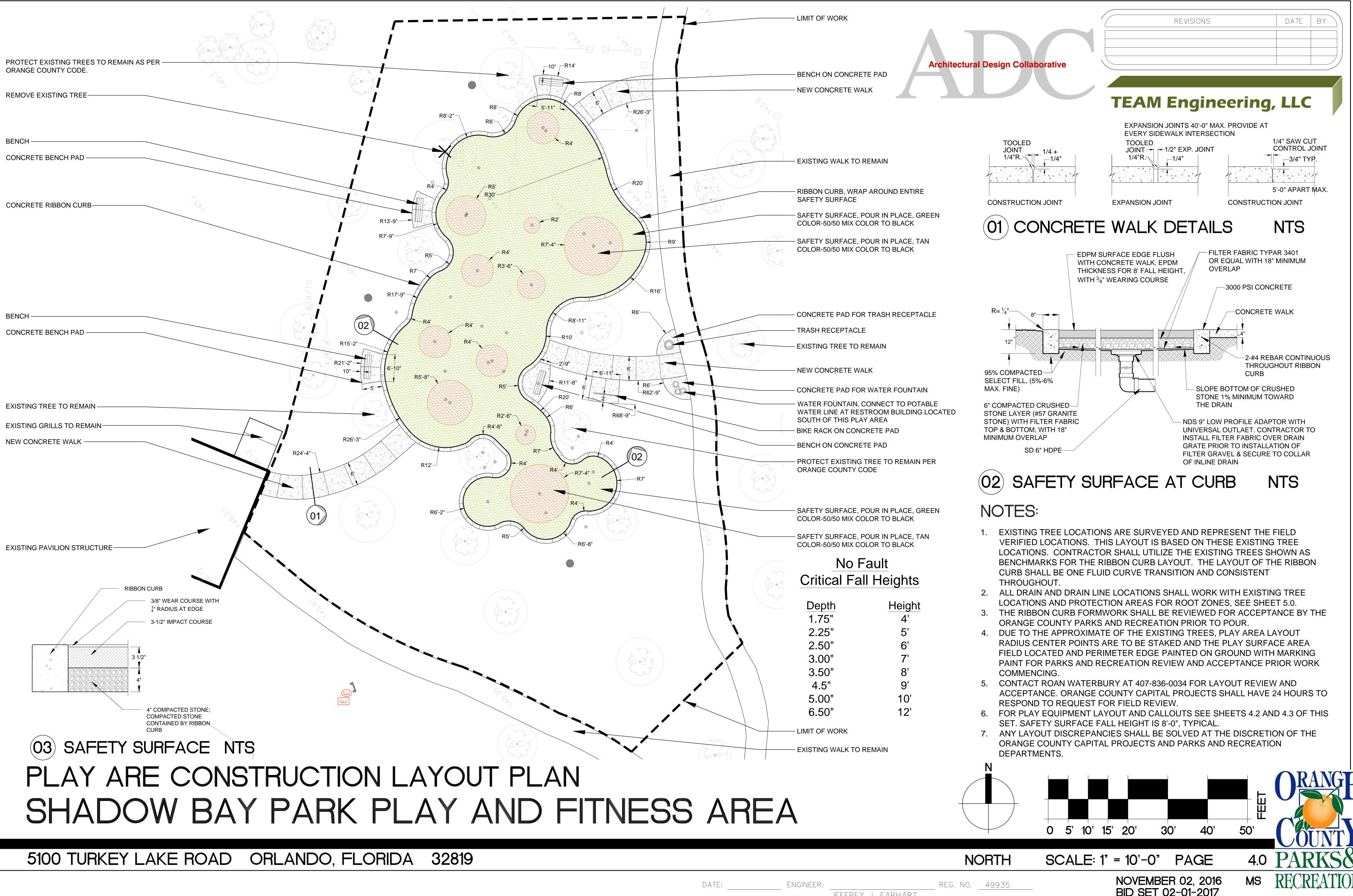
AREA 1: EXISTING PICNIC AREA TO BE DEMOLISHED FOR PROPOSED PLAYGROUND AREA

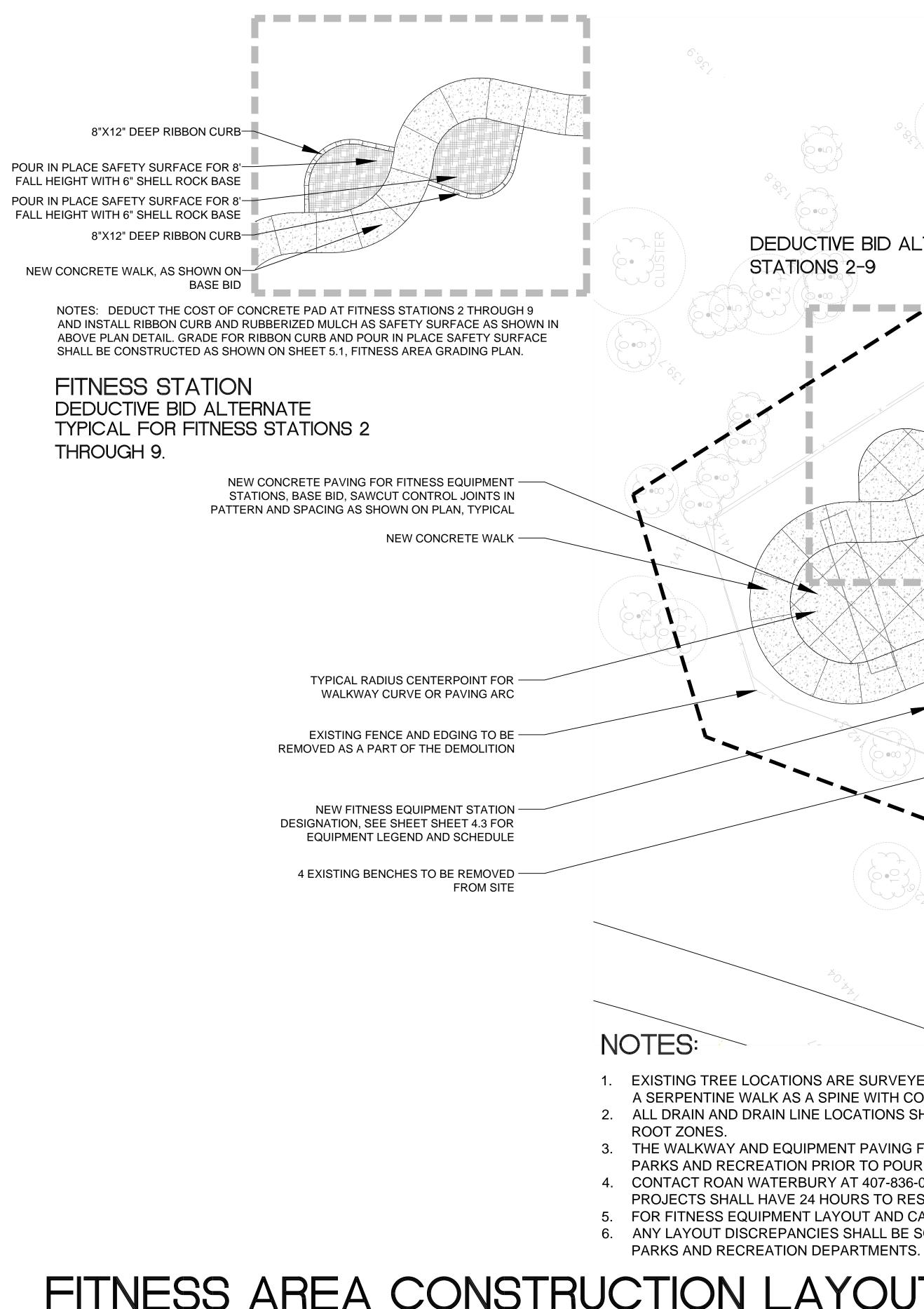
TEAM Engineering, LLC











FITNESS AREA CONSTRUCTION LAYOUT PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

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PARKS AND RECREATION PRIOR TO POUR. PROJECTS SHALL HAVE 24 HOURS TO RESPOND TO REQUEST FOR FIELD REVIEW. 5. FOR FITNESS EQUIPMENT LAYOUT AND CALLOUT SCHEDULE SEE SHEET 4.3 OF THIS SET.

4. CONTACT ROAN WATERBURY AT 407-836-0034 FOR LAYOUT REVIEW AND ACCEPTANCE. ORANGE COUNTY CAPITAL 6. ANY LAYOUT DISCREPANCIES SHALL BE SOLVED AT THE DISCRETION OF THE ORANGE COUNTY CAPITAL PROJECTS AND

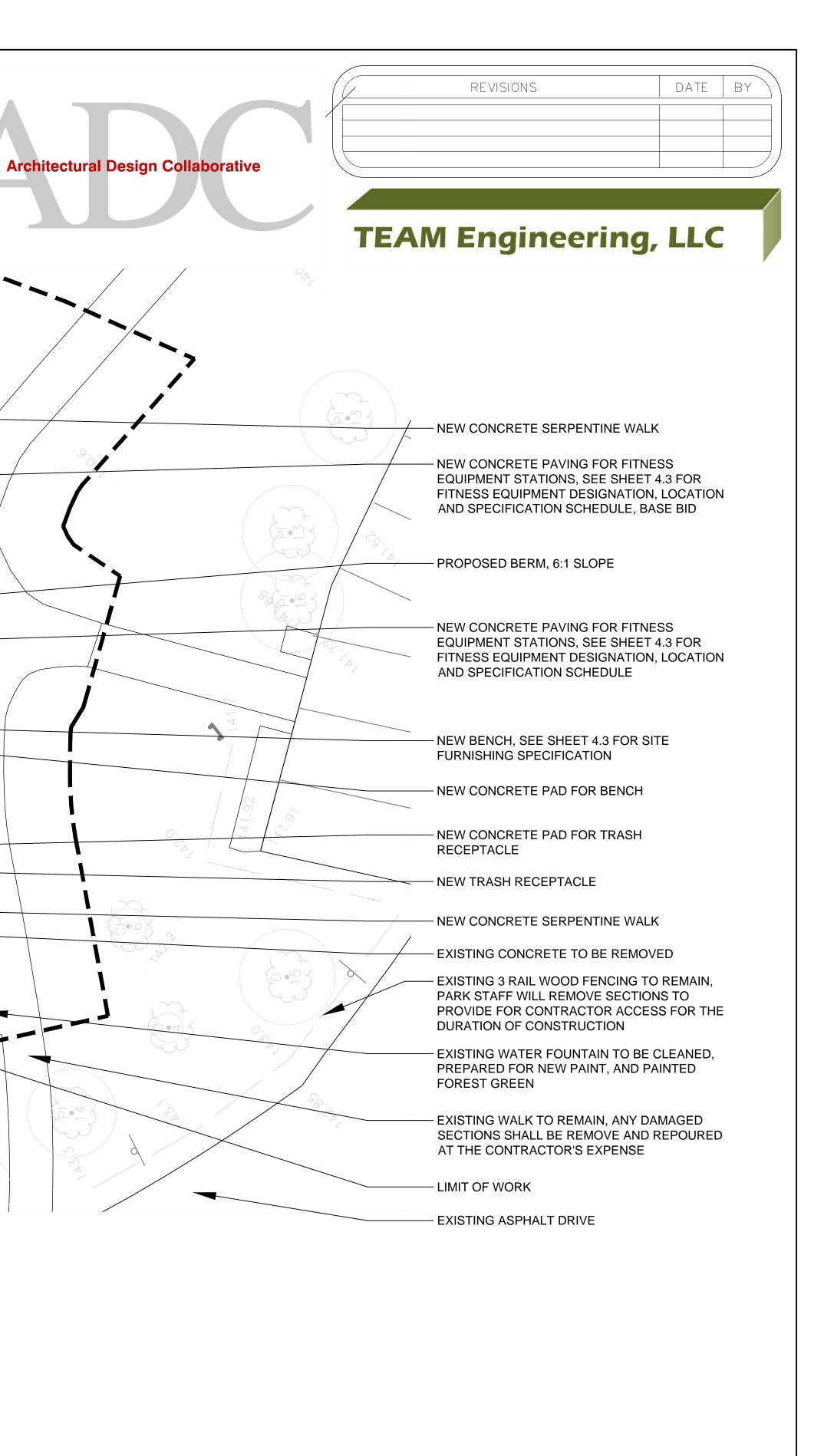
2. ALL DRAIN AND DRAIN LINE LOCATIONS SHALL WORK WITH EXISTING TREE LOCATIONS AND PROTECTION AREAS FOR 3. THE WALKWAY AND EQUIPMENT PAVING FORMWORK SHALL BE REVIEWED FOR ACCEPTANCE BY THE ORANGE COUNTY

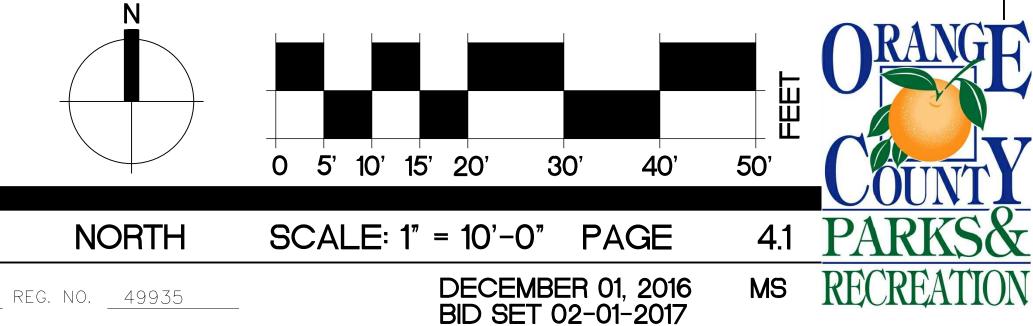
A SERPENTINE WALK AS A SPINE WITH CONCRETE PAVING AREAS AS A BASE TO THE FITNESS EQUIPMENT STATION.

1. EXISTING TREE LOCATIONS ARE SURVEYED AND REPRESENT THE FIELD VERIFIED LOCATIONS. THIS LAYOUT IS BASED ON

DEDUCTIVE BID ALTERNATE STATIONS 2-9

- LIMIT OF WORK





PLAY EQUIPMENT PLAN SHADOW BAY PARK AND FITNESS AREA

FRANK HOUSE, 407-331-0101 PILOT ROCK BY RJ TOMAS MFG. CO., INC.; 800-762-5002 IS BASIS FOR DESIGN FOR BENCHES AND TRASH RECEPTACLES

NATHAN ALMOND, 407-831-9658 DOMINICA RECREATION PRODUCTS AND GAMETIME IS AN "OR EQUAL" ALTERNATE 2 FOR BASIS OF DESIGN, CONTACT

REP SERVICES INC. AND LANDSCAPE STRUCTURES IS AN "OR EQUAL" ALTERNATE 1 FOR BASIS OF DESIGN, CONTACT

SITE HORIZONS AND XCCENT PLAY IS PRIMARY BASIS FOR DESIGN, CONTACT MARY LANGLEY; 407-947-6318

ROCKET ROPE CLIMBER COMET CLIMBER WAVEFORM CLIMBER	1 1 1 3	XCCENT PLAY XCCENT PLAY XCCENT PLAY
STEPPING PODS	3	XCCENT PLAY
SPINNERS SPINNER POD	1	XCCENT PLAY
CLASSIX PLAYSTRUCTURE MODEL C-4932		XCCENT PLAY
SLIDES		
48" SINGLE WAVY SLIDE	2	XCCENT PLAY
48" DOUBLE DIP SLIDE	1	XCCENT PLAY
40" RIGHT CURVE SLIDE	1	XCCENT PLAY
DECK CLIMBERS		
48" SNAKE CLIMBER	1	XCCENT PLAY
48" SUPER LOOP CLIMBER	1	XCCENT PLAY
ACCESSORIES		
UNDER DECK BENCH	1	XCCENT PLAY
CLOCK TIME TELLER PANEL	1	XCCENT PLAY
	1	
	1	XCCENT PLAY XCCENT PLAY
BONGO DRUM (POST MOUNT)	I	ACCENT PLAT
SINGLE POST SWING BAY WITH TWO BELT SEATS	1	XCCENT PLAY
SINGLE POST SWING BAY WITH ONE INFANT SEAT AND ONE ADA SEAT	1	XCCENT PLAY
6' BENCH	4	PILOT ROCK, GALVANIZED FRAME WITH PRESSURE TREATED YELLOW PINE SLATS ON SEAT AND BACK, SURFACE MOUNT TO CONCRETE PAVING PER MANUFACTURER'S SPECIFICATIONS.
TRASH RECEPTACLE	1	PILOT ROCK, GALVANIZED FRAME WITH PRESSURE TREATED YELLOW PINE SLATS WITH GALVANIZED DOME LID, GALVANIZED LINER, SURFACE MOUNT TO CONCRETE PAVING PER MANUFACTURER'S SPECIFICATIONS
BIKE RACK	1	PILOT ROCK, GALVANIZED SADDLEBACK BIKE RACK FOR 7 BIKES
WATER FOUNTAIN	1	MOST DEPENDABLE FOUNTAIN, WITH HOSE BIB, BOTTLE FILLER, ADA BOWL, ADULT BOWL,

1

PLAY EQUIPMENT LEGEND: ITEM DESCRIPTION QTY BASIS OF DESIGN

MOLECULE PLAYSTRUCTURE MODEL M-0312

96" SECTIONAL SLIDE

56" DISC CLIMBER

GROUND LEVEL CLIMBERS

OVERHEAD CLIMBERS

48" SINGLE WAVY SLIDE

96" SUPER LOOP CLIMBER

SNAKE OVERHEAD LADDER

ARCH SOLID ROCK WALL

RING CLIMBER OVERHEAD BAR

90 DEGREE TRAPEZE OVERHEAD BAR

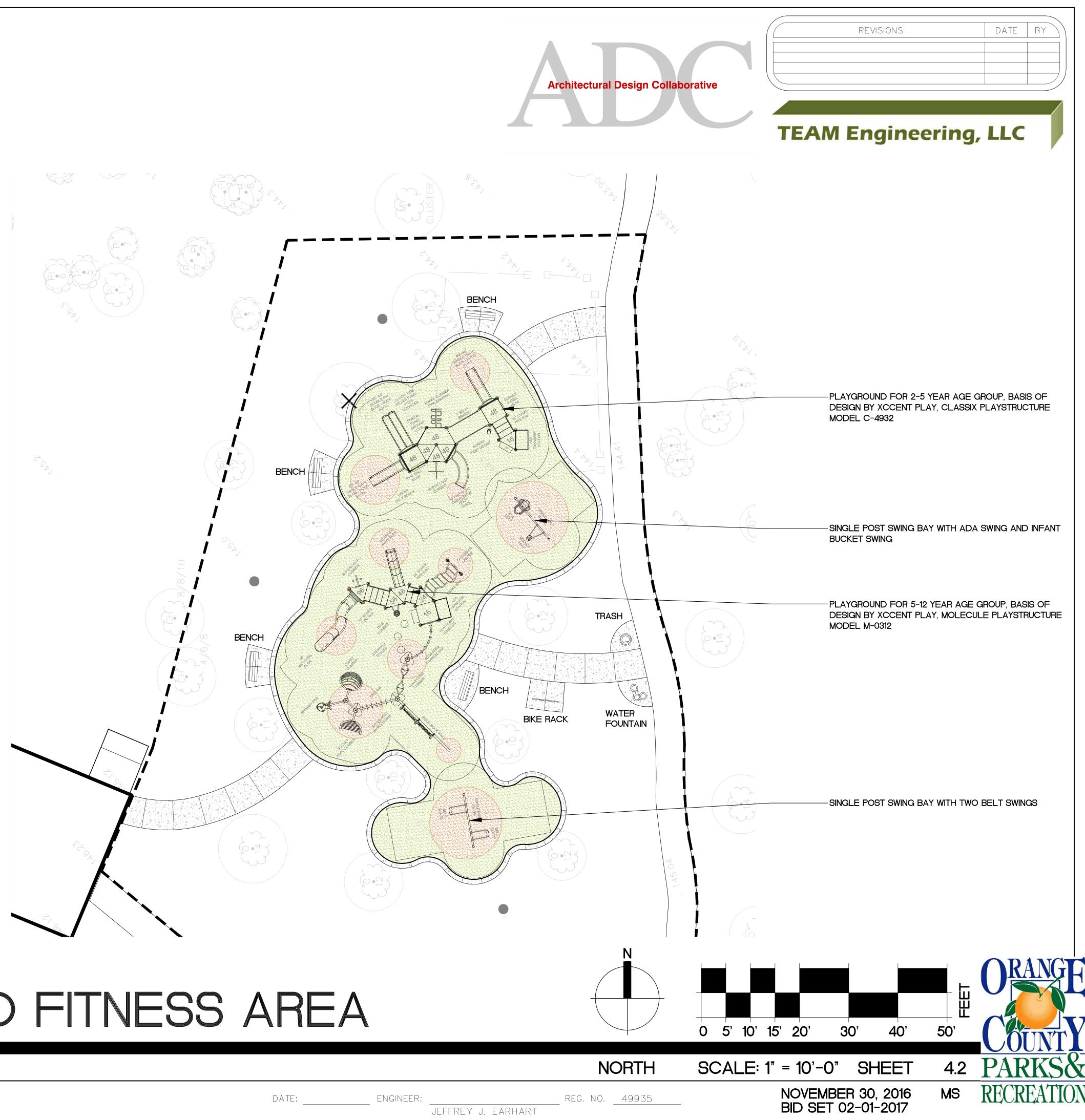
SLIDES

DECK CLIMBERS



XCCENT PLAY

CHILDS BOWL



FITNESS EQUIPMENT PLAN SHADOW BAY PARK AND FITNESS AREA

407-331-0101 PILOT ROCK BY RJ TOMAS MFG. CO., INC.; 800-762-5002 IS BASIS FOR DESIGN FOR BENCHES AND TRASH RECEPTACLES

DOMINICA RECREATION PRODUCTS AND GAMETIME IS AN "OR EQUAL" ALTERNATE 2 FOR BASIS OF DESIGN, CONTACT FRANK HOUSE,

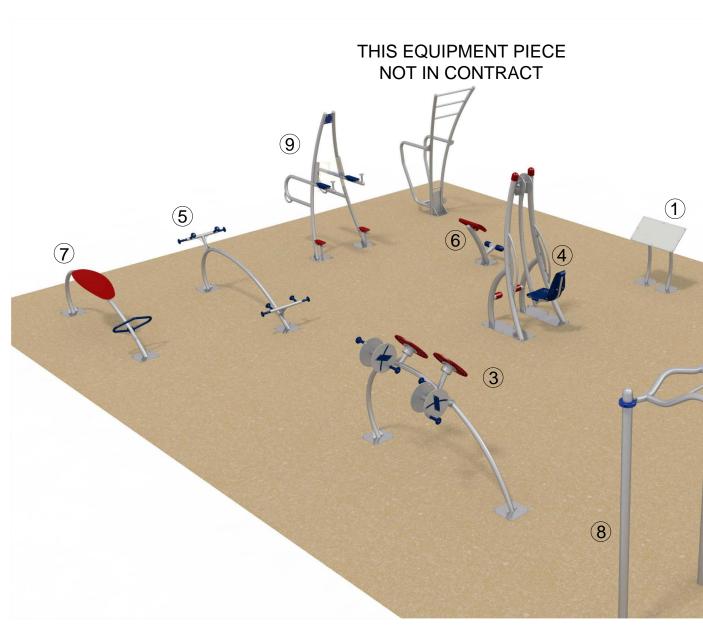
SITE HORIZONS AND XCCENT PLAY IS PRIMARY BASIS FOR DESIGN, CONTACT MARY LANGLEY; 407-947-6318 REP SERVICES INC. AND LANDSCAPE STRUCTURES IS AN "OR EQUAL" ALTERNATE 1 FOR BASIS OF DESIGN, CONTACT NATHAN ALMOND 407-831-9658

6' BENCH	1	PILOT ROCK, PRESSURE TH ON SEAT AND CONCRETE PA SPECIFICATIO
TRASH RECEPTACLE	1	PILOT ROCK, PRESSURE TH WITH GALVAN LINER, SURFA PAVING PER M SPECIFICATIO

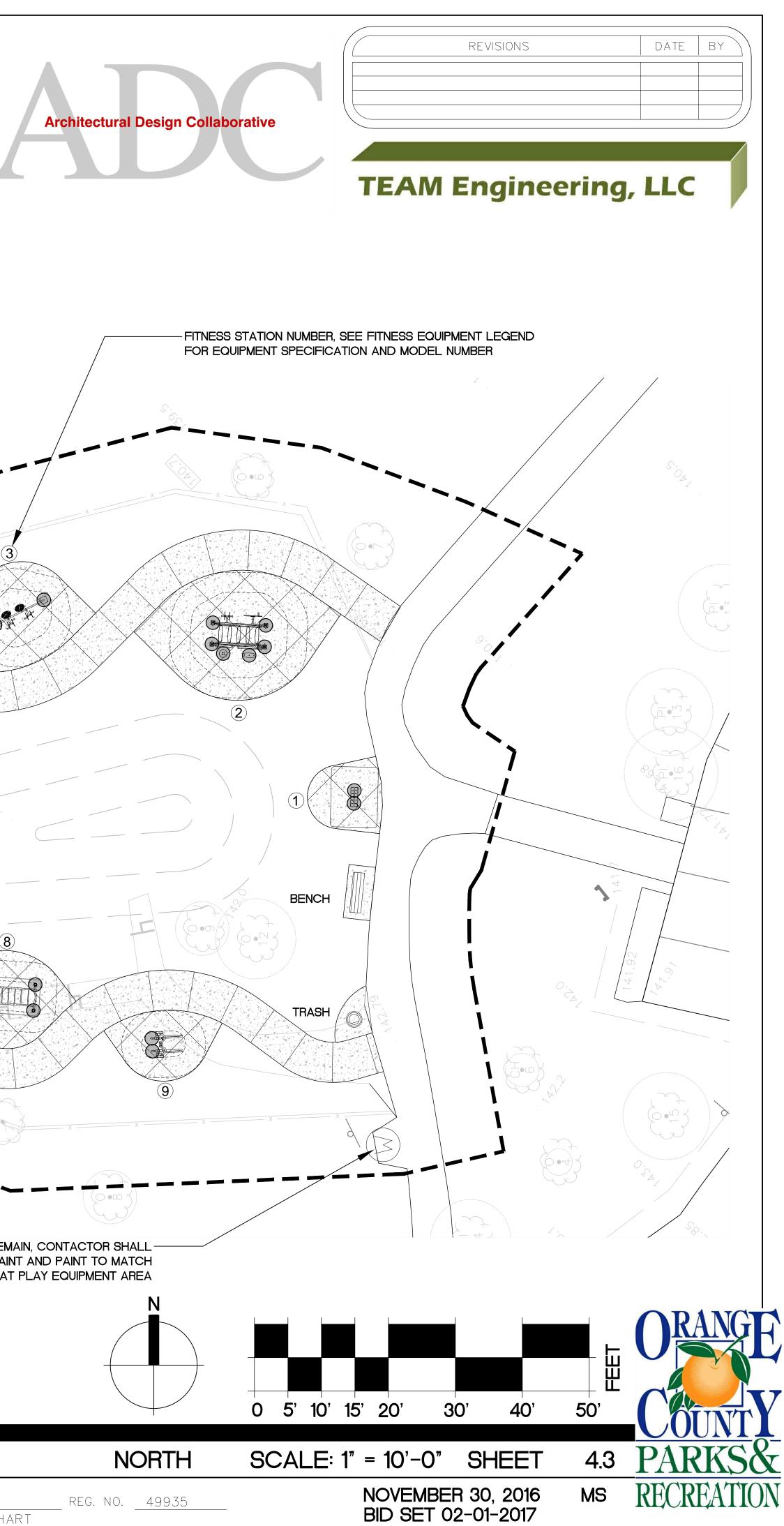
NOTE: COLOR SCHEME FOR ALL FITNESS STATIONS SHALL BE THE WOODLANDS COLOR SCHEME, SLATE, LIME, BLUE

STATION	ITEM DESCRIPTION	QTY	BASIS OF DE
1	INFORMATION BOARD, IN GROUND, 45237	1	XCCENT PL
2	ROPE BRIDGE WELLNES STATION, IN GROUND, 53084	1	XCCENT PL/
3	TAI CHI DOULBLE HAND BIKE COMBO, IN GROUND, 48978	1	XCCENT PL/
4	ARM AND LEG PRESS, INGROUND, 50471	1	XCCENT PLA
5	COMPOUND PUSH UP, IN GROUND, 48940	1	XCCENT PL/
6	SINGLE LOWER BACK TRAINER (SHORT) IN GROUND, 50488	1	XCCENT PL/
7	TORSO BENCH, IN GROUND, 45228	1	XCCENT PL/
8	WAVE LADDER, IN GROUND, 48972	1	XCCENT PL/
9	KNEE RAISE DIP COMBO, IN GROUND, 50421	1	XCCENT PL/

FITNESS EQUIPMENT LEGEND:



TINESS EQUIPMENT SHOWN HERE WITH PATRIOT COLOR SCHEME, FINAL SELECTION AS PER LEGEND NOTE, THE WOODLANDS COLOR SCHEME IN SLATE, LIME, AND BLUE



DESIGN

- LAY
- I AY
- ΙΔΥ

- LAY
- LAY
- LAY
- LAY

, GALVANIZED FRAME WITH FREATED YELLOW PINE SLATS ID BACK, SURFACE MOUNT TO PAVING PER MANUFACTURER'S ONS

, GALVANIZED FRAME WITH TREATED YELLOW PINE SLATS ANIZED DOME LID, GALVANIZED

FACE MOUNT TO CONCRETE R MANUFACTURER'S

TIONS

EXISTING WATER FOUNTAIN TO REMAIN, CONTACTOR SHALL PREPARE FOUNTAIN FOR PAINT AND PAINT TO MATCH FOUNTAIN COLOR AT PLAY EQUIPMENT AREA

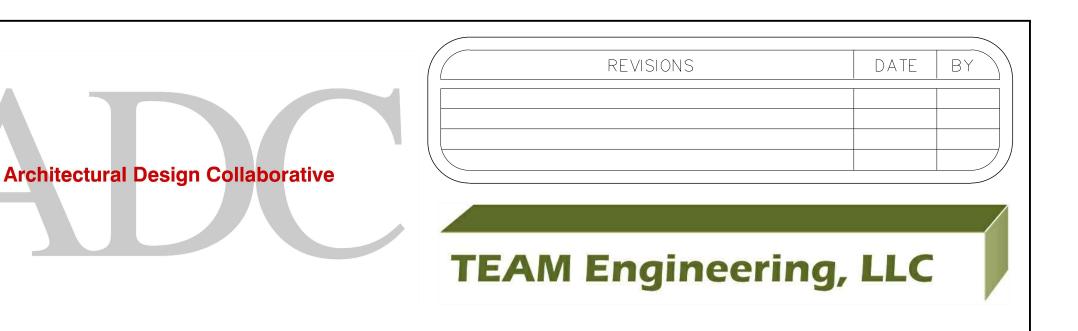
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PLAY AND FITNESS EQUIPMENT FOOTING PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

J.

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819





NOTE:

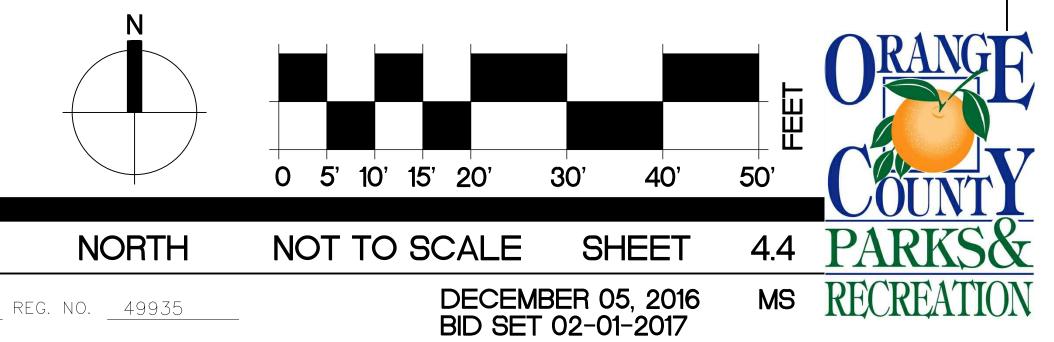
ALL FITNESS AND PLAY EQUIPMENT SHALL BE IN GROUND MOUNTED IN FOOTINGS AS SHOWN ON PLANS.

ALL FOOTINGS SHOWN ARE FOR ILLUSTRATION AND PRICING ONLY, CONTRACTOR SHALL ENGINEER ALL FOOTING DIAMETERS AND DEPTHS FOR INGROUND MOUNTED EQUIPMENT AS PER MANUFACTURER'S RECOMENDATIONS.

USE XCCENT PLAY AS BASIS OF DESIGN MANUFACTURER'S RECOMENDATIONS FOR FOOTING ENGINEERING.

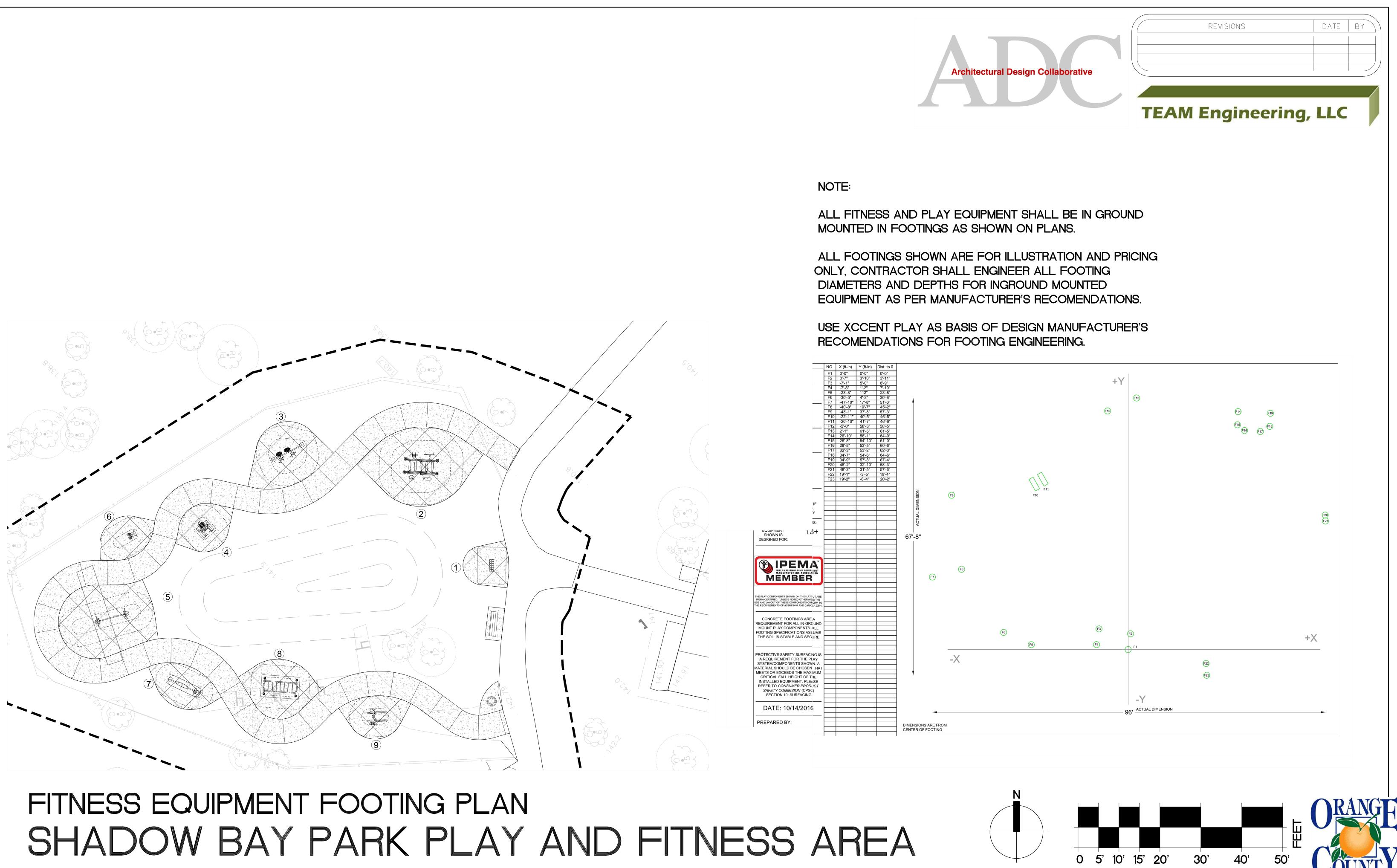
NO.	X (ft-in)	Y (ft-in)	Dist. to 0
BP	0'-0"	0'-0"	0'-0"
B1	2'-3""	7'-9"	8'-1"
B2	1'-3"	11'-8"	11'-9"
B3	5'-1" 6'-2"	12'-8" 8'-10"	13'-8" 10'-9"
B4 B5	5'-8"	14'-11"	16'-0"
B6	9'-7"	13'-11"	16'-10"
B7	9'-0"	11'-8"	14'-8"
B8	4'-8"	18'-9"	19'-4"
B9	8'-6"	17'-9"	19'-8"
B10	5'-10"	23'-3"	24'
B11	9'-9"	22'-3"	24'-3"
B12	8'-8"	26'-1"	27'-6"
B13	11'-8"	3'-4"	12'-1"
B14 B15	14'-6" 37'-5"	6'-2" -7'-7"	15'-9"
B16	39'-3"	-4'-2"	38'-2" 39'-6"
B17	41'-3"	-7'-8"	42'-0"
B18	42'-4"	-2'-5"	42'-5"
B19	44'-4"	-5'-11"	44'-8"
B20	45'-9"	-0'-5"	45'-9"
B21	47'-9"	-3'-11"	47'-11"
B22	38'-4"	4'-6"	38'-7"
B23	34'-10"	6'-6"	35'-5"
B24	34'-10"	10'-6"	36'-5"
B25	38'-4"	12'-6"	40'-4"
B26	41'-9"	10'-6"	43'-1" 42'-3"
B27 B28	41'-9" 38'-4"	6'-6" 8'-6"	39'-3"
B29	32'-10"	13'-11"	35'-8"
B30	36'-4"	15'-11"	39'-8"
B31	-5'-8"	14'-3"	15'-4"
B32	-13'-5"	16'-4"	21'-2"
B33	-15'-8"	24'-9"	29'-3"
B34	-13'-9"	26'-8"	30'-0"
B35	-23'-10"	5'-11"	24'-7"
B36	-21'-0"	24'-0"	31'-11"
B37	-19'-11"	28'-1"	34'-6"
B38	-9'-5"	23'-3"	25'-1"
B39	-8'-4"	27'-6"	28'-9"
B40 B41	-43'-5" -32'-10"	1'-0" 2'-11"	43'-5"
B41 B42	19'-1"	-14'-5"	32'-11" 23'-11"
B43	27'-5"	-7'-7"	28'-5"
C1	2'-11"	13'-2"	13'-6"
C2	3'-8"	16'-5"	16'-10"
C3	15'-8"	17'-7"	23'-6"
C4	11'-2"	24'-8"	27'-1"
C5	2'-11"	27'-8"	27'-10"
C6	-2'-3"	31'-2"	041.01
	-		31'-3"
_	37'-4"	-5'-5"	37'-9"
C8	52'-8"	1'-3"	37'-9" 52'-8"
C8 C9	52'-8" 31'-4"	1'-3" 3'-2"	37'-9" 52'-8" 31'-6"
C8 C9 C10	52'-8" 31'-4" 32'-10"	1'-3" 3'-2" 8'-6"	37'-9" 52'-8" 31'-6" 33'-11"
C8 C9 C10 C11	52'-8" 31'-4" 32'-10" 45'-7"	1'-3" 3'-2" 8'-6" 8'-6"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5"
C8 C9 C10 C11 C12	52'-8" 31'-4" 32'-10" 45'-7" 31'-2"	1'-3" 3'-2" 8'-6"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6"
C8 C9 C10 C11 C12 C13	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9"	1'-3" 3'-2" 8'-6" 8'-6" 20'-10" 18'-0"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5"
C8 C9 C10 C11 C12 C13 C14	52'-8" 31'-4" 32'-10" 45'-7" 31'-2"	1'-3" 3'-2" 8'-6" 8'-6" 20'-10"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4"
C8 C9 C10 C11 C12 C13 C14 C15	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5"	1'-3" 3'-2" 8'-6" 8'-6" 20'-10" 18'-0" 14'-11"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11"
C8 C9 C10 C12 C12 C13 C14 C15 C16	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 14'-5"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-3" 16'-0" 15'-8"
C8 C9 C10 C11 C12 C13 C14 C15 C16 C17	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 14'-5" 15'-4"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-3" 16'-0" 15'-8" 18'-1"
C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7" -12'-11"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 14'-5" 15'-4" 16'-3"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-3" 16'-0" 15'-8" 18'-1" 20'-9"
C8 C9 C10 C12 C13 C14 C15 C16 C17 C18 C19 C20	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7" -12'-11" -14'-8"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 14'-5" 15'-4" 16'-3" 15'-1"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 47'-4" 14'-11" 16'-3" 16'-0" 15'-8" 18'-1" 20'-9" 21'-1"
C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C16 C17 C18 C19 C20 C21	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7" -12'-11" -14'-8" -17'-8"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 14'-5" 15'-4" 15'-4" 15'-4" 15'-1" 12'-1"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-3" 16'-0" 15'-8" 18'-1" 20'-9" 21'-1" 21'-5"
C7 C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C16 C17 C18 C19 C20 C21 C21 C22	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7" -12'-11" -14'-8" -17'-8" -20'-8"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 15'-7" 15'-4" 16'-3" 15'-4" 16'-3" 15'-1" 12'-1" 9'-1"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-0" 15'-8" 18'-1" 20'-9" 21'-1" 21'-5" 22'-7"
C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C18 C19 C20 C21 C22	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7" -12'-11" -14'-8" -17'-8"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 14'-5" 15'-4" 15'-4" 15'-4" 15'-1" 12'-1"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-3" 16'-0" 15'-8" 18'-1" 20'-9" 21'-1" 21'-5"
C8 C9 C10 C11 C12 C13 C14 C15 C16 C17 C16 C17 C18 C19 C20 C21	52'-8" 31'-4" 32'-10" 45'-7" 31'-2" 43'-9" 1'-5" -1'-1" -3'-9" -6'-2" -9'-7" -12'-11" -14'-8" -17'-8" -20'-8"	1'-3" 3'-2" 8'-6" 20'-10" 18'-0" 14'-11" 16'-3" 15'-7" 15'-7" 15'-4" 16'-3" 15'-4" 16'-3" 15'-1" 12'-1" 9'-1"	37'-9" 52'-8" 31'-6" 33'-11" 46'-5" 37'-6" 47'-4" 14'-11" 16'-0" 15'-8" 18'-1" 20'-9" 21'-1" 21'-5" 22'-7"
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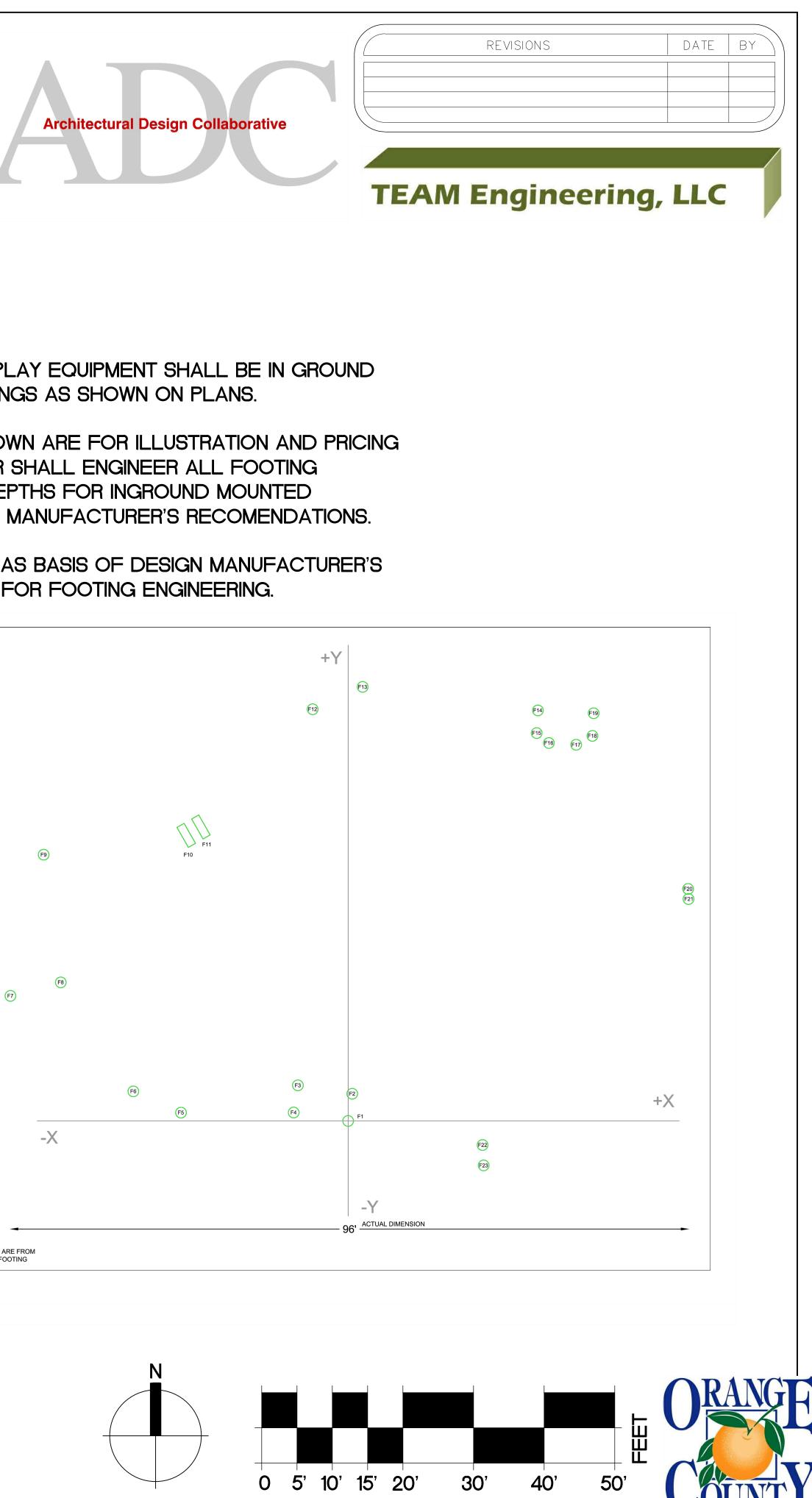
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	MOLEC	ULE
	SCALE: 3/	16" = 1'
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	THE PLAY	AGES:
	QUIPMENT SHOWN IS SIGNED FOR:	5-12
Q		EMA AL PLAY EQUIPMENT RERS ASSOCIATION BER
THE PL	AY COMPONENTS SHOW	N ON THIS LAYOUT AR
USE ANI THE REC	CERTIFIED. (UNLESS NO D LAYOUT OF THESE CO QUIREMENTS OF ASTMF	MPONENTS ONFORM T 1487 AND CAN/CSA-Z61
REQ	ONCRETE FOOT	ALL IN-GROUNI
FOO	DUNT PLAY COM TING SPECIFICA E SOIL IS STABLE	TIONS ASSUME
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CI	TS OR EXCEEDS RITICAL FALL HE	IGHT OF THE
REI	STALLED EQUIPN FER TO <i>CONSUN</i> SAFETY COMMIS	IER PRODUCT
•	SECTION 10: SU	
[DATE: 10/2	20/2016
PR	EPARED BY:	



FITNESS EQUIPMENT FOOTING PLAN

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819







SHEET

SCALE: 1"=10'-0"

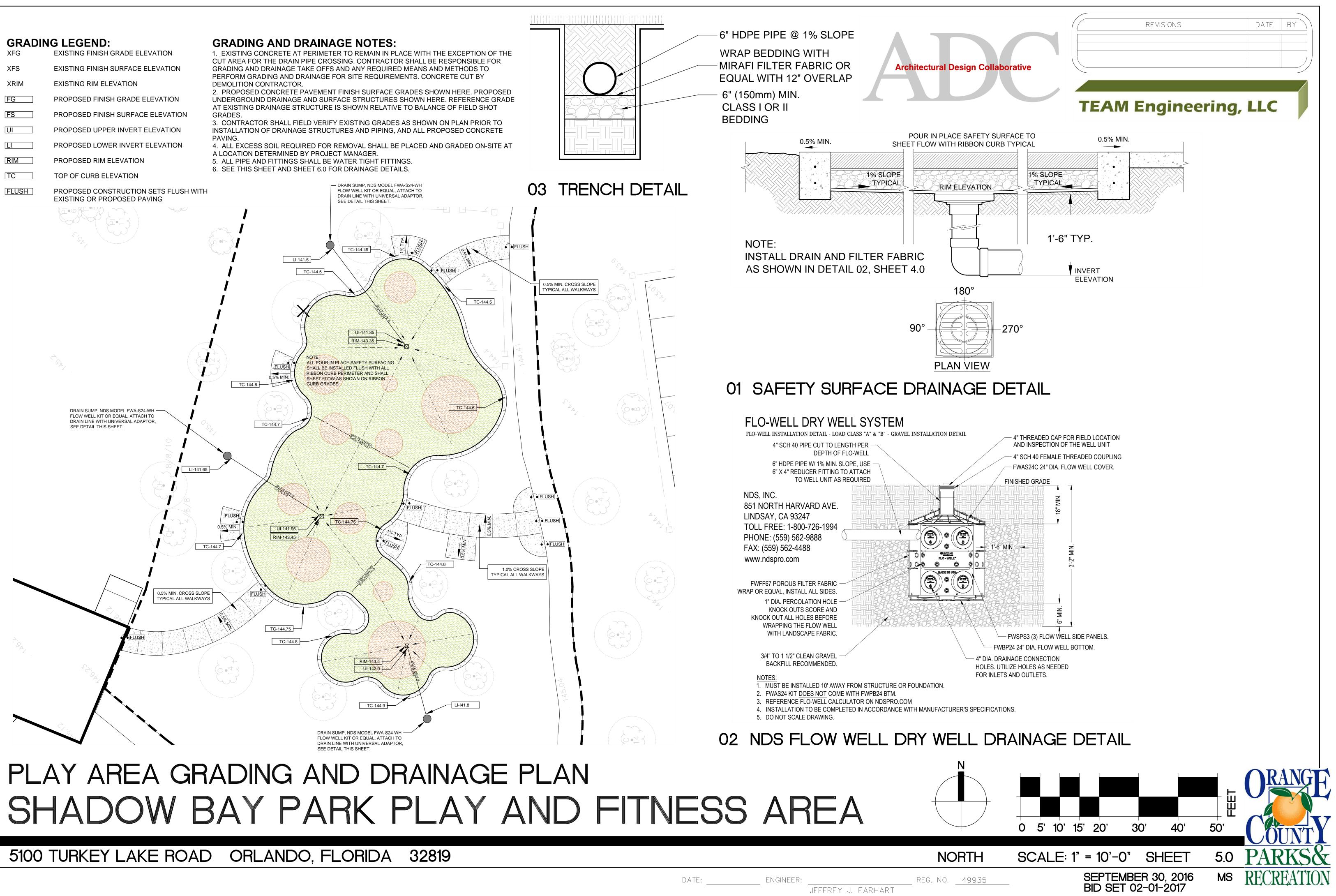
4.5 **PAR**

MS RECREATION

REG. NO. 49935

NORTH

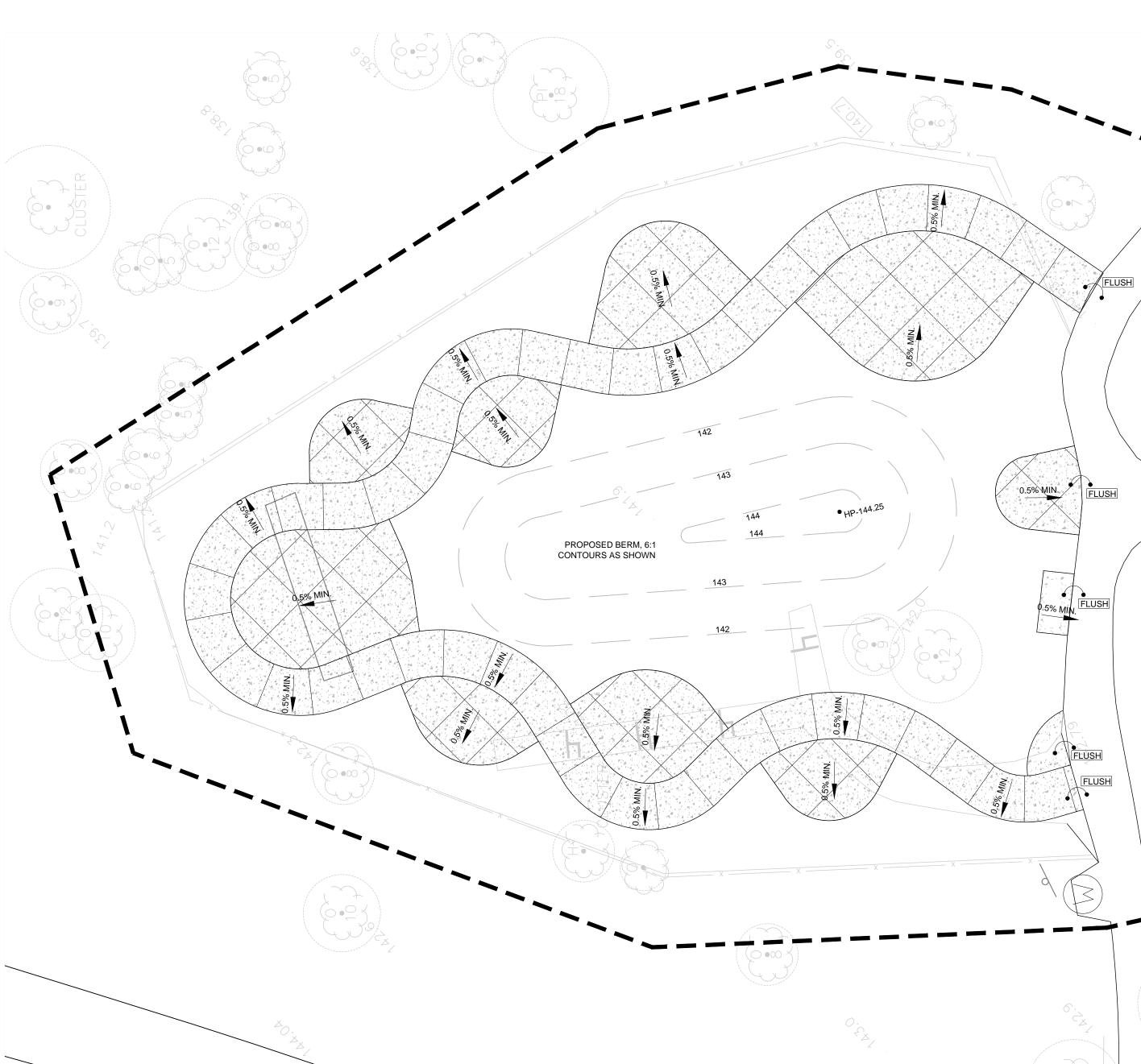
XFG	EXISTING FINISH GRADE ELEVATION
XFS	EXISTING FINISH SURFACE ELEVATION
XRIM	EXISTING RIM ELEVATION
FG	PROPOSED FINISH GRADE ELEVATION
FS	PROPOSED FINISH SURFACE ELEVATION
UI	PROPOSED UPPER INVERT ELEVATION
LI	PROPOSED LOWER INVERT ELEVATION
RIM	PROPOSED RIM ELEVATION
TC	TOP OF CURB ELEVATION



5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

FITNESS AREA GRADING AND DRAINAGE PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

GRADIN	G LEGEND:
XFG	EXISTING FINISH GRADE ELEVATION
XFS	EXISTING FINISH SURFACE ELEVATION
XRIM	EXISTING RIM ELEVATION
FG	PROPOSED FINISH GRADE ELEVATION
FS	PROPOSED FINISH SURFACE ELEVATION
UI	PROPOSED UPPER INVERT ELEVATION
LI	PROPOSED LOWER INVERT ELEVATION
RIM	PROPOSED RIM ELEVATION
TC	TOP OF CURB ELEVATION
FLUSH	PROPOSED CONSTRUCTION SETS FLUSH WITH EXISTING OR PROPOSED PAVING



GRADING AND DRAINAGE NOTES:

DEMOLITION CONTRACTOR. GRADES.

3. CONTRACTOR SHALL FIELD VERIFY EXISTING GRADES AS SHOWN ON PLAN PRIOR TO

INSTALLATION OF DRAINAGE STRUCTURES AND PIPING, AND ALL PROPOSED CONCRETE PAVING.

4. ALL EXCESS SOIL REQUIRED FOR REMOVAL SHALL BE PLACED AND GRADED ON-SITE AT A LOCATION DETERMINED BY PROJECT MANAGER. 5. ALL PIPE AND FITTINGS SHALL BE WATER TIGHT FITTINGS.

6. SEE THIS SHEET AND SHEET 6.0 FOR DETAILS.

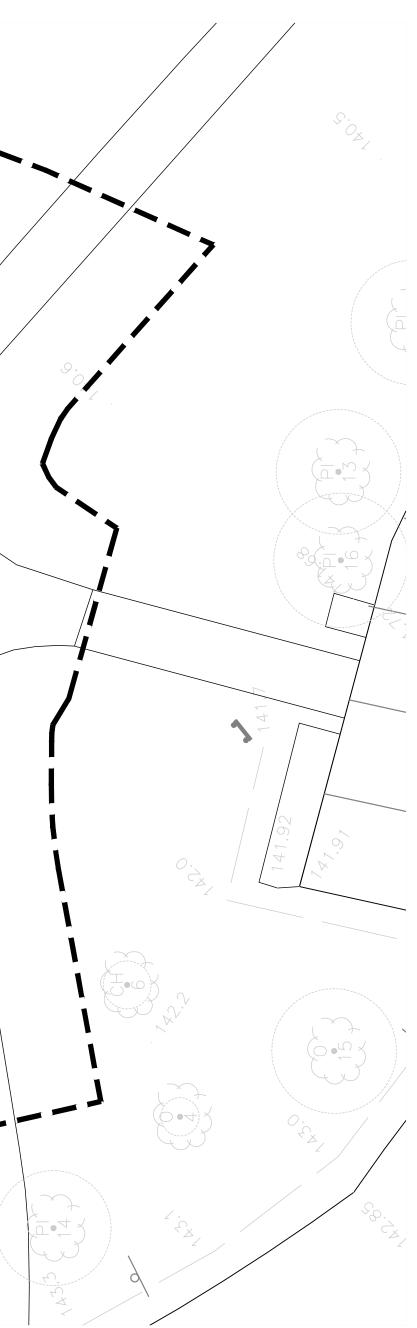
1. EXISTING CONCRETE AT PERIMETER TO REMAIN IN PLACE WITH THE EXCEPTION OF THE CUT AREA FOR THE DRAIN PIPE CROSSING. CONTRACTOR SHALL BE RESPONSIBLE FOR GRADING AND DRAINAGE TAKE OFFS AND ANY REQUIRED MEANS AND METHODS TO PERFORM GRADING AND DRAINAGE FOR SITE REQUIREMENTS. CONCRETE CUT BY

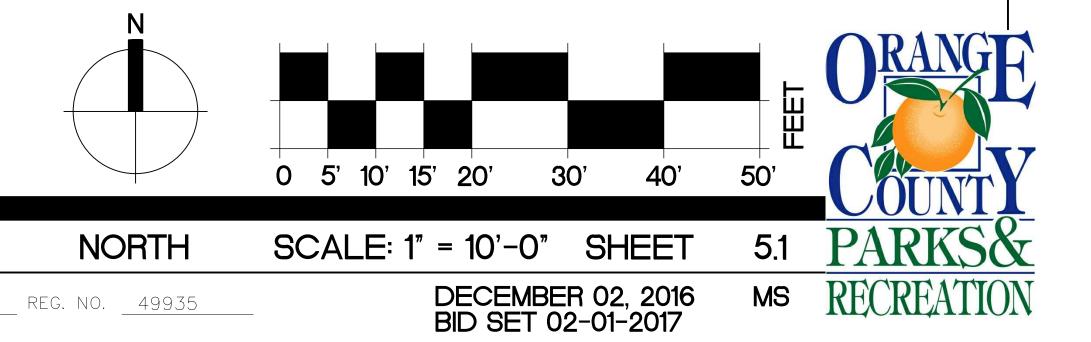
2. PROPOSED CONCRETE PAVEMENT FINISH SURFACE GRADES SHOWN HERE. PROPOSED UNDERGROUND DRAINAGE AND SURFACE STRUCTURES SHOWN HERE. REFERENCE GRADE AT EXISTING DRAINAGE STRUCTURE IS SHOWN RELATIVE TO BALANCE OF FIELD SHOT



TEAM	Engine	erina.	LLC	
	REVISIONS		DATE	BY







GRADING AND DRAINAGE DETAILS AND NOTES SHADOW BAY PARK PLAY AND FITNESS AREA

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

1.6 DELIVERY, STORAGE, AND HANDLING A. Delivery Requirements: Deliver materials to site in m containers and packaging, with labels clearly identify B. Storage and Handling Requirements: 1. Store and handle materials in accordance with 2. Keep materials in manufacturer's original, unop installation. 3. Store materials in clean areas, protected from 4. Store materials out of direct sunlight. 5. Protect materials during storage, handling, and 1.7 AMBIENT CONDITIONS A. During Cold Weather: Do not use frozen materials. Do not use materials mixed or coated with ice of

01 NDS FLOW WELL DRY WELL DRAINAGE SUMP SPECIFICATIONS

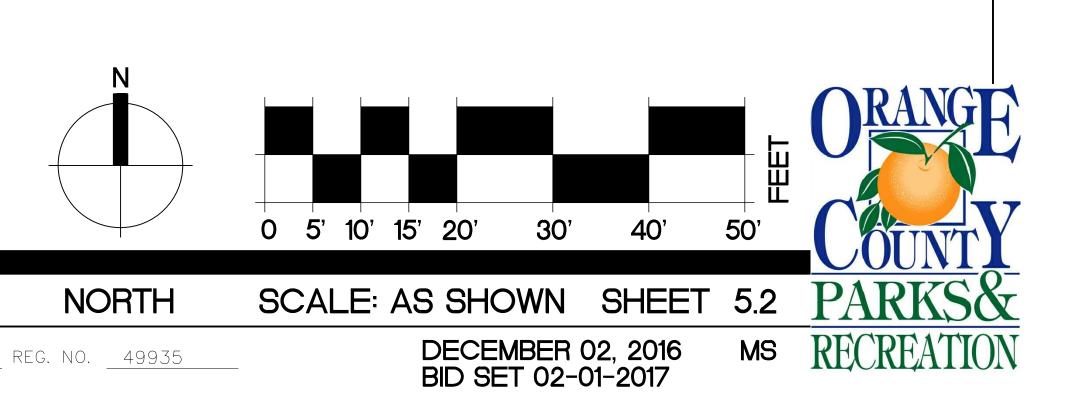
<section-header>JUNC MUMAR UNITERTITION CONTRACTMarcine State Sta</section-header>	SECTION 33 49 23	PART 2 PRODUCTS	
 Bester in a state scare if year is a state scale if year is a state scale if year is a state scale is a state scale	STORM DRAINAGE WATER RETENSION STRUCTURES	2.1 MANUFACTURERS	
<text><section-header><section-header><section-header> a diama and any any any any any any any any any any</section-header></section-header></section-header></text>		726-1994. Phone 559-562-9888. Toll Free Fax 800-726-1998. Fax 559-562-4488. Website	Archite
 Part 1 CHURAL 11 SECTION INCLUSES A NUMBER OF THE SECTION INCLUSES A SECTION I		B. Substitutions: [Not permitted] [Comply with Division 1].	
Mart I Section Mark 1 Section Mark 1 Section Mark 1 Mark Mark Mark Mark 1 Mark Mark Mark Mark Mark Mark Mark Mark	אר.	C. Single Source: Provide materials from single manufacturer.	
 I. Bachov MucLees M. Kardin Fundamina I. Bachov MucLees M. Kardin Fundamina I. Bachov MucLees J. Bachov MucL	GENERAL		
 A. Kaching by additional (1999) A. Charling by additional (1999) A. Charlin	ECTION INCLUDES	1. Description: Round dry well system, includes 3 side panels and 1 top component.	
 Instruments of a second second	anufactured dry wells.	3. Material: Structural-foam polyolefin with UV inhibitors.	
 instantia framework with the ward input a society in the input a society is society in society in the input a society. In the input a society is society is society in the input a society is society is society in the input a society is society is society is society in the input a society is society is society is society in the input a society is soci		5. Height: 28.75 inches.	
 Mathematical Solution Assolution Assocution Assocutio		 Knockout Leaching Ports per Panel: Ten 1.5-inch diameter. Knockout Inlet/Outlet Ports per Panel: Four 4.5-inch diameter. 	
 Bester faster fas	ection 31 23 00 – Excavation and Fill.		
 Mathematical and a set of a set of		1. Part Number: FWAS24C.	
 A Control presiduation nearing 1 each [2] Presiduations and registers attrait at wars of the Statutes. Beights adjusters attrait at warshall and presiduations. Control for Statutes. Control for Statutes.		3. Diameter: 24-1/4 inches.	
 Control and and control of sets o	Notes: Edit preinstallation meetings as necessary. Delete if not required.	6. Center Knockout: 4.5-inch diameter.	
 Activate, lastitution of manufacture spreakasteria. Roberts, lastitution of manufacture spreakasteria. Construction of Manufacture spreakasteria. Construction of Manufacture spreakasteria. Roberts, lastitution of manufacture spreakasteria. Roberts, lastitution of manufacture spreakasteria. Construction of Manufacture spreakasteria. Roberts, lastitution of manufacture spreakasteria. Roberts,			
 C. Rever to Fighting Needed: Status and status		1. Includes: 3 side panels; makes 1 round dry well.	
 Parallelion Product Product		 Material: Structural-foam polyolefin with UV inhibitors. Height: 24 inches with recessed 0.75-inch lip for stacking. 	
 S. Cardinatorial with short Varia. Submittance Submittanc	. Installation.	6. Knockout Inlet/Outlet Ports per Panel: Four 4.5-inch diameter.	
14 SUBMITICLE Security Market Notes: Effet submitted inquisements an necessary. Delte submitted in retructions. A Comply with Duris durin : Benditier Market Security Control during inquisements an necessary. Delte submitted in retructions. Benditier Market Security Control during inquisements an necessary. Delte submitted in retructions. Benditier Market Security Control during inquisements and resultation instructions. Benditier Market Security Control during inquisements and resultation instructions. Benditier Market Security Control during inquisements and resultation instructions. Benditier Market Mar			
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 A Comply with Division 1. C Comply with Division 1. C Comply with Division 1. C Comply with Division 1. Product Date: Submit manufacture's product date, including installation instauctions. Shop Deavings: Submit manufacture's sortification (anomalous, manufacture's sortification (anomalous, manufacture's sortification (anomalous, manufacture's sortification) (anomalo	Notes: Edit submittal requirements as necessary. Delete submittals not required.	 Diameter: 24 inches. Leaching Ports: Six 1.5-inch diameter. 	
 Sing Dewing: Submit manufacture's also drawings, indicating layout, dimensions, materials, comparate, mit accessions. The analysis of the second secon	omply with Division 1.		
C. Name Drawings: Submit manufacture's big drawings, indicating layout, dimensions, mathema is components, and a coscionate. Name drawings: Submit manufacture's configure in the materials comply with specified requirements and are sublable for initiated application. Name drawings: Submit manufacture's configure in the materials comply with specified requirements. Name drawings: Submit manufacture's sublable for initiated application. E. Buildenable Design Submit manufacture's sublable for initiated application. Name drawings: Submit manufacture's sublable for initiated application. Name drawings: Submit manufacture's sublable for initiated application. F. Buildenable Design Submit manufacture's sublable for initiated application. Name drawings: Submit manufacture's submit manufacture and Project, in mules. Name drawings: Submit manufacture's submit manufacture and Project, in mules. F. Material: Project References: Submit manufacture and Project, in mules. Name drawings: To pain. Name drawings: To pain. F. Material: Project References: Submit manufacture and optication and quantify of manufacture and project manu ond location, name of architect, and quantify of manufacture and projects. Name drawings: To pain. Name drawings: To pain. f. Doubment and drawings: Index and project manu and location, name of architect, and quantify of manufacture and projects. Name drawings: To pain. Name drawings: To pain. f. Doubment and drawings: Index and prainse drawings. Name drawings: T	roduct Data: Submit manufacturer's product data, including installation instructions.	,	
 Natural students of submit manufacturer's certification that materials comply with specified regulators and are subable for intended application. Submit and the submit submit manufacturer's certification that materials comply with specified regulators and are subable for intended application. Submit and the submit submit manufacturer's certification that materials comply with specified regulators. Submit and the submit submit manufacturer and Project. In males. Regulator and the submit submit		2. Material: Structural-foam polyolefin with UV inhibitors.	
 E. Sustainable Design Submittais: Submit manufacture's submittais for manufacture day wells. Recycled Content: Carify percentages of post-consumer net precoded non-online day wells. Recycled Content: Carify percentages of post-consumer net precoded non-online day wells. Response Materials: Carify distance between manufacturer and Project, in miles. Manufacturer's Project Refreences: Submit manufacturer and Project, in miles. Manufacturer's Project Refreences: Submit manufacturer and post-on, name of architect, and type and quantify of manufacturer diy wells installed in yorle transmand location, name of architect, and type and quantify of manufacturer diy wells installed in yorle transmand location, name of architect, and type and quantify of manufacturer diy wells installed in yorle transmand location, name of architect, and type and quantify of manufacturer diy wells installed in yorle transmand location, name of architect, and type and quantify of manufacturer diy wells installed in yorle transmand location, name of architect, and type and quantify of manufacturer diy wells installed in the submit manufacturer is standed warmed. Maturet Submit manufacturer is standed warmet. Maturet Submit manufacturer is standed warmet is standed warmet. Maturet	lanufacturer's Certification: Submit manufacturer's certification that materials comply with	 Height: 9 inches. Outside Diameter at Bottom: 4.5 inches, fits Schedule 40 PVC fittings. 	
 contant. Performant contant. <l< td=""><td></td><td></td><td></td></l<>			
 Installer coulding enclose of manufacturer's instructions and location, name of architect, and type and quantity of manufactured dy wells rolects, including project name and location, name of architect, and type and quantity of manufactured dy wells rolects, including project name and location, name of architect, and type and quantity of manufactured dy wells rolects. Submit installer's lind is accessfully completed manufactured dy wells rolects. Submit manufacturer's standard waranty. Warranty Documentation: Submit manufacturer's standard waranty. Maufacture's Outfitications: Manufacturer's project name and location, name of architect, and type and quantity of manufacture's outfitications: Manufacturer's standard waranty. Maufacture's Outfitications: Manufacturer's standard waranty. Maufacture's Outfitications: Manufacturer's project name and location, name of architect, and type and quantity of manufactured of wells of similar type to that specified. Installer's Outfitications: Manufacturer's outfitications: Installer's outfitications: Storage and handing Requirements: Store materials in condarce with manufacturer's instructions. Store materials in deam areas, protected from exposure to harmful weather conditions. Store materials in chean areas, protected from exposure to harmful weather conditions. Store material	content.	1. Part Number: FWFF67.	
 Installer's Project References: Submit Installer's list of successfully completed manufactured dy wells musibled. Installer's Project References: Submit Installer's list of successfully completed manufactured dy wells musibled. Installer's Project References: Submit Installer's list of successfully completed manufactured dy wells musibled. Installer's Project References: Submit Installer's list of successfully completed manufactured dy wells musibled. Installer's Project References: Submit manufacture's standard warrany. Installer's Project References: Submit manufacture's standard warrany. Installer's Qualifications: Manufacture's standard warrany. Installer's Qualifications: Manufactured dy wells of similar type to that specified. Installer's Qualifications: Manufactured dy wells of similar type to that specified. Installer's Qualifications: Installed for installation of manufactured dy wells. Installer's Qualifications: Installed for installation of manufactured dy wells. Installer's Qualifications: Installation of manufacture's organic during the project installation of manufacture's organic d		3. Length: 7 feet.	
dry well projects, including project name and location, name of architect, and type and quantity of manufactured dry wells installed. PART 3 EXECUTION H. Waranty Documentation: Submit manufacturer's standard waranty. A. Kamine areas to receive manufactured dry wells. A. I. OUALITY ASSURANCE A. Kamine areas to receive manufactured dry wells. B. Notify Architect of conditions that would adversely affect installation or subsequent use. C. Do not begin installation until unacceptable conditions are corrected. B. Notify Architect of conditions that would adversely affect installation or subsequent use. C. Do not begin installation until unacceptable conditions are corrected. B. Notify Architect of to wells in accordance with manufacturer's instructions at locations indicated on the Drawings. B. Notify Architect of to wells in accordance with manufacturer's instructions and elevations indicated on the Drawings. B. Excourter dry wells to dimensions and elevations indicated on the Drawings. B. Excourter dry wells to dimensions and elevations indicated on the Drawings. B. Excourter dry wells to inmanufacturer's instructions. B. Excoavate hole for manufactured dry wells to dimensions and	nanufactured dry well projects, including project name and location, name of architect, and type nd quantity of manufactured dry wells furnished.	5. Weight: 1 ounce. 6. Mullen Burst: 175 psi.	
 A Marriaduction of Wakin Installation. A Marriaduction of Wakin Installation. A Manufacturer's Qualifications: Submit manufacturer's standard warranty. A Manufacturer's Qualifications: Manufacturer regularly engaged, for a minimum of 10 years, in installation of manufactured dry wells of similar type to that specified. Installer's Qualifications: Installer's Qualification of manufactured dry wells. Installer's Qualifications: Installer's Qualifications: Installer's Qualification of manufacturer's original, unopened containers and packaging with labels clearly identifying product name and manufacturer. Installer's Qualification enterials in clean areas, protected from exposure to harmful weether conditions. Installer's Qualification of direct subjindt. Installer's Qualifications: Installer's Qualifications in clean areas, protected from exposure to harmful weether conditions. Installer's Qualification (I direct subjindt). Installer's Qualifications in clean areas, protected from exposure to harmful weether conditions. Installer's Qualification (I direct subjindt). Installer's Qualification (I direct subjindt).<!--</td--><td>ry well projects, including project name and location, name of architect, and type and quantity</td><td></td><td></td>	ry well projects, including project name and location, name of architect, and type and quantity		
1.5 QUALITY ASSURANCE A Examine areas to receive manufactured dry wells. 1.6 Manufacturer's Qualifications: Manufacturer egularly engaged, for a minimum of 10 years, in the manufacturing of manufactured dry wells of similar type to that specified. B Notify Architect of conditions that would adversely affect installation or subsequent use. C Do not begin installation until unacceptable conditions are corrected. C Do not begin installation until unacceptable conditions are corrected. C Do not begin installation or manufacturer's instructions at locations C Do not begin installation until unacceptable conditions that would adversely affect installation or subsequent use. C Do not begin installation until unacceptable conditions that would adversely affect installation or subsequent use. C Do not begin installation until unacceptable conditions that would adversely affect installation or subsequent use. C Do not begin installation until unacceptable conditions that would adversely affect installation or subsequent use. C Do not begin installation until unacceptable conditions that would adversely affect installation. C Do not begin installation until unacceptable conditions that would adversely affect installation or subsequent use. C Do not begin installation until unacceptable conditions that would adversely affect installation. Do not begin installation until unacceptable conditions that would adversely affect installation. Do not begin installation until unacceptable conditions that would adversely affect installation. D			
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 B. Installer's Qualifications: Installer's Qualifications: Installer's Qualifications: Installer regularly engaged, for a minimum of 5 years, in installation of manufactured dry wells. DELIVERY, STORAGE, AND HANDLING Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer. Storage and Handling Requirements: Storage and Handling Requirements: Store and handle materials in naufacturer's original, unopened containers and packaging until installation. Store materials in clean areas, protected from exposure to harmful weather conditions. Store materials out of direct sunlight. Protect materials during storage, handling, and installation to prevent damage. AMBIENT CONDITIONS 		B. Notify Architect of conditions that would adversely affect installation or subsequent use.	
 Installer regularly engaged, for a minimum of 5 years, in installation of manufactured dry wells of similar type to that specified. Employ persons trained for installation of manufactured dry wells. DELIVERY, STORAGE, AND HANDLING Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly identifying product name and manufacturer. Storage and Handling Requirements: Storage and Handle materials in accordance with manufacturer's original, unopened containers and packaging until installation. Store materials in clean areas, protected from exposure to harmful weather conditions. Store materials out of direct sunlight. Protect materials during storage, handling, and installation to prevent damage. Matelent CONDITIONS A MBIENT CONDITIONS 		C. Do not begin installation until unacceptable conditions are corrected.	
1.6 DELIVERY, STORAGE, AND HANDLING B. Excavate hole for manufactured dry wells to dimensions and elevations indicated on the Drawings. A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer. B. Excavate hole for manufactured dry wells to dimensions and elevations indicated on the Drawings. B. Storage and Handling Requirements: I. Excavate trench to slope towards manufactured dry wells as indicated on the Drawings. C. Excavate trench to slope towards manufactured dry wells as indicated on the Drawings. Install manufactured dry wells level and plumb. S. Store materials in manufacturer's original, unopened containers and packaging until installation. E. Connect pipes to manufactured dry wells in accordance with manufacturer's instructions. S. Store materials in clean areas, protected from exposure to harmful weather conditions. F. Do not allow soil from entering manufactured dry wells or pipes. S. Store materials during storage, handling, and installation to prevent damage. E. Backfill evenly around manufactured dry wells. S. Protect materials during storage, handling, and installation to prevent damage. H. Ensure no large stones or debris are in contact with manufactured dry wells. S. MBIENT CONDITIONS H. Ensure	 Installer regularly engaged, for a minimum of 5 years, in installation of manufactured dry wells of similar type to that specified. 	A. Install manufactured dry wells in accordance with manufacturer's instructions at locations	
 A. Delivery Requirements: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer. B. Storage and Handling Requirements: Stora and handle materials in accordance with manufacturer's instructions. Keep materials in manufacturer's original, unopened containers and packaging until installation. Store materials in clean areas, protected from exposure to harmful weather conditions. Store materials during storage, handling, and installation to prevent damage. AMBIENT CONDITIONS 	ELIVERY, STORAGE, AND HANDLING		
 B. Storage and Handling Requirements: Store and handle materials in accordance with manufacturer's instructions. Keep materials in manufacturer's original, unopened containers and packaging until installation. Store materials in clean areas, protected from exposure to harmful weather conditions. Store materials out of direct sunlight. Protect materials during storage, handling, and installation to prevent damage. AMBIENT CONDITIONS D. Install manufactured dry wells level and plumb. E. Connect pipes to manufactured dry wells in accordance with manufacturer's instructions. D. Install manufactured dry wells in accordance with manufacturer's instructions. B. Store materials during storage, handling, and installation to prevent damage. B. Backfill evenly around manufactured dry wells with specified material. H. Ensure no large stones or debris are in contact with manufactured dry wells. 		Drawings.	
 2. Keep materials in manufacturer's original, unopened containers and packaging until installation. 3. Store materials in clean areas, protected from exposure to harmful weather conditions. 4. Store materials out of direct sunlight. 5. Protect materials during storage, handling, and installation to prevent damage. 1.7 AMBIENT CONDITIONS E. Connect pipes to manufactured dry wells in accordance with manufacturer's instructions. F. Do not allow soil from entering manufactured dry wells or pipes. G. Backfill evenly around manufactured dry wells with specified material. H. Ensure no large stones or debris are in contact with manufactured dry wells. 	torage and Handling Requirements:		
 3. Store materials in clean areas, protected from exposure to harmful weather conditions. 4. Store materials out of direct sunlight. 5. Protect materials during storage, handling, and installation to prevent damage. F. Do not allow soil from entering manufactured dry wells or pipes. G. Backfill evenly around manufactured dry wells with specified material. 1.7 AMBIENT CONDITIONS F. Do not allow soil from entering manufactured dry wells or pipes. H. Ensure no large stones or debris are in contact with manufactured dry wells. 	. Keep materials in manufacturer's original, unopened containers and packaging until	E. Connect pipes to manufactured dry wells in accordance with manufacturer's instructions.	
 5. Protect materials during storage, handling, and installation to prevent damage. G. Backfill evenly around manufactured dry wells with specified material. 1.7 AMBIENT CONDITIONS H. Ensure no large stones or debris are in contact with manufactured dry wells. 	. Store materials in clean areas, protected from exposure to harmful weather conditions.	F. Do not allow soil from entering manufactured dry wells or pipes.	
	. Protect materials during storage, handling, and installation to prevent damage.		
A. During Gold Weather: 3.3 ADJUSTING			
1. Do not use frozen materials.	. Do not use frozen materials.	3.3 ADJUSTING	
 Do not use materials mixed or coated with ice or frost. Do not build on frozen Work. A. Remove and replace with new material, damaged components that cannot be successfully repaired. 			
B. During Wet Weather: Do not build on wet, saturated, or muddy subgrade. 3.4 PROTECTION	uring Wet Weather: Do not build on wet, saturated, or muddy subgrade.		
A. Protect Work of this Section to ensure that Work will be without damage or deterioration at time of Substantial Completion.			

END OF SECTION



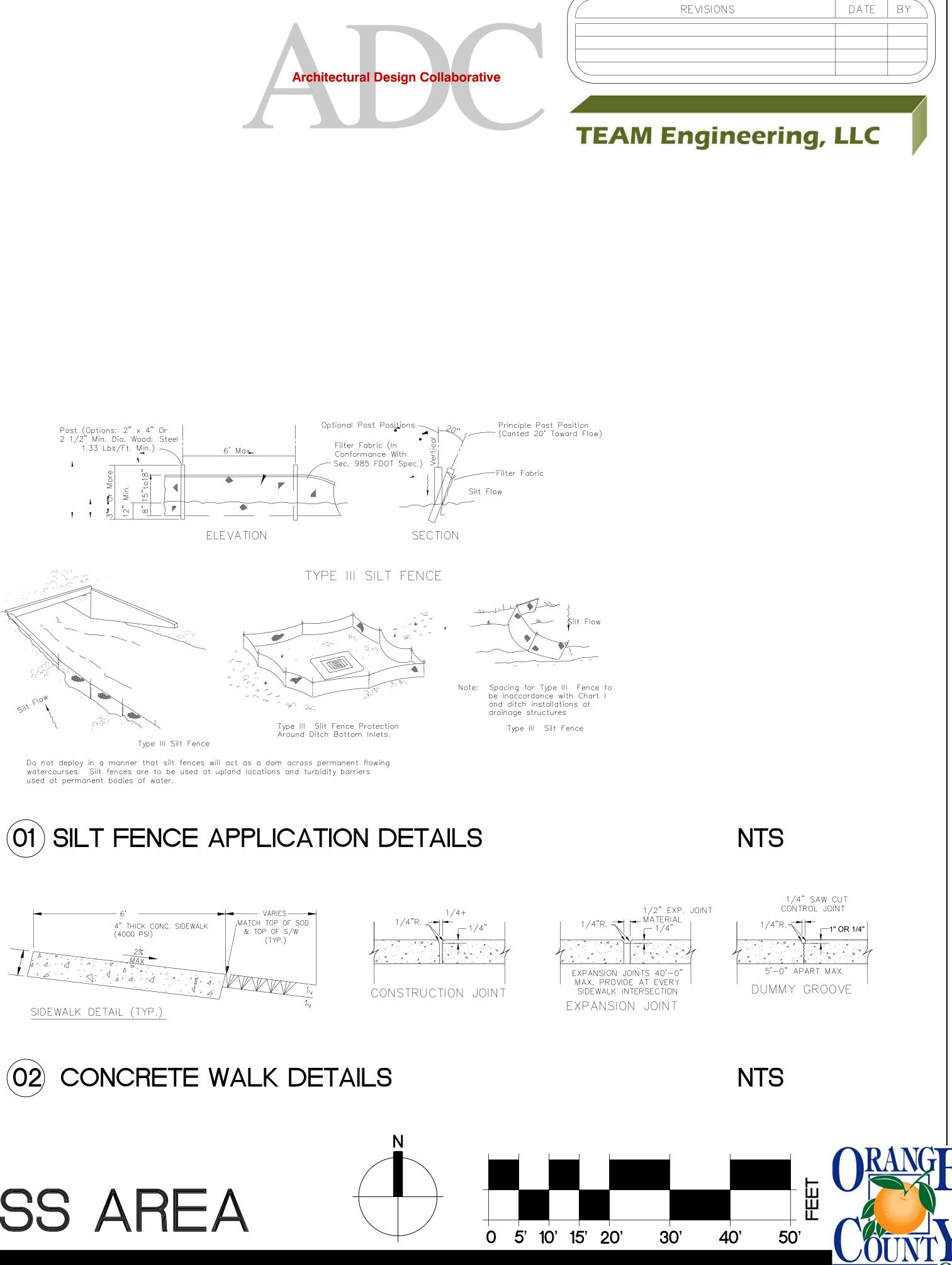
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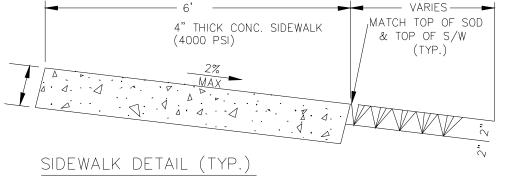
TEAM Engineering, LLC

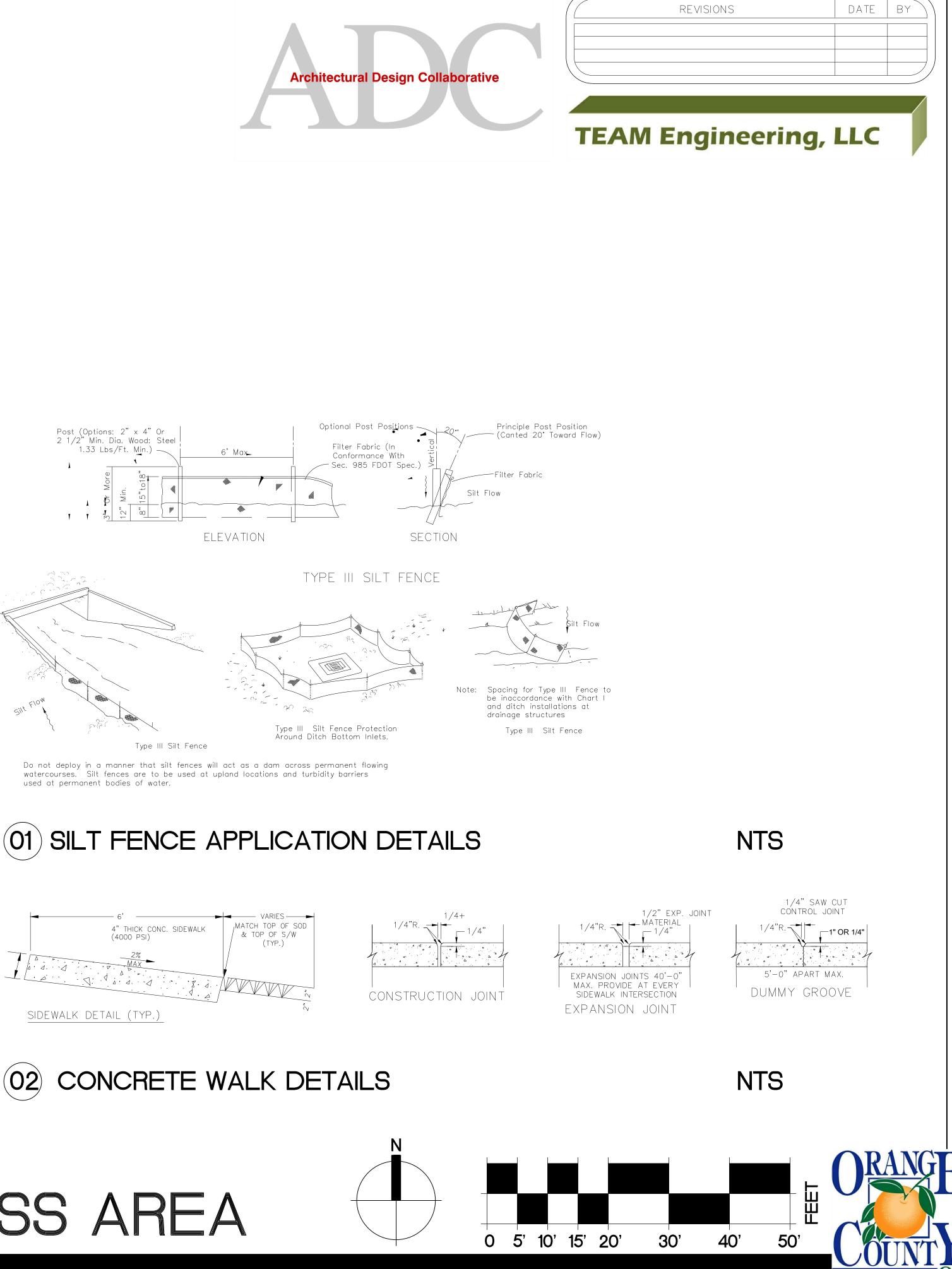


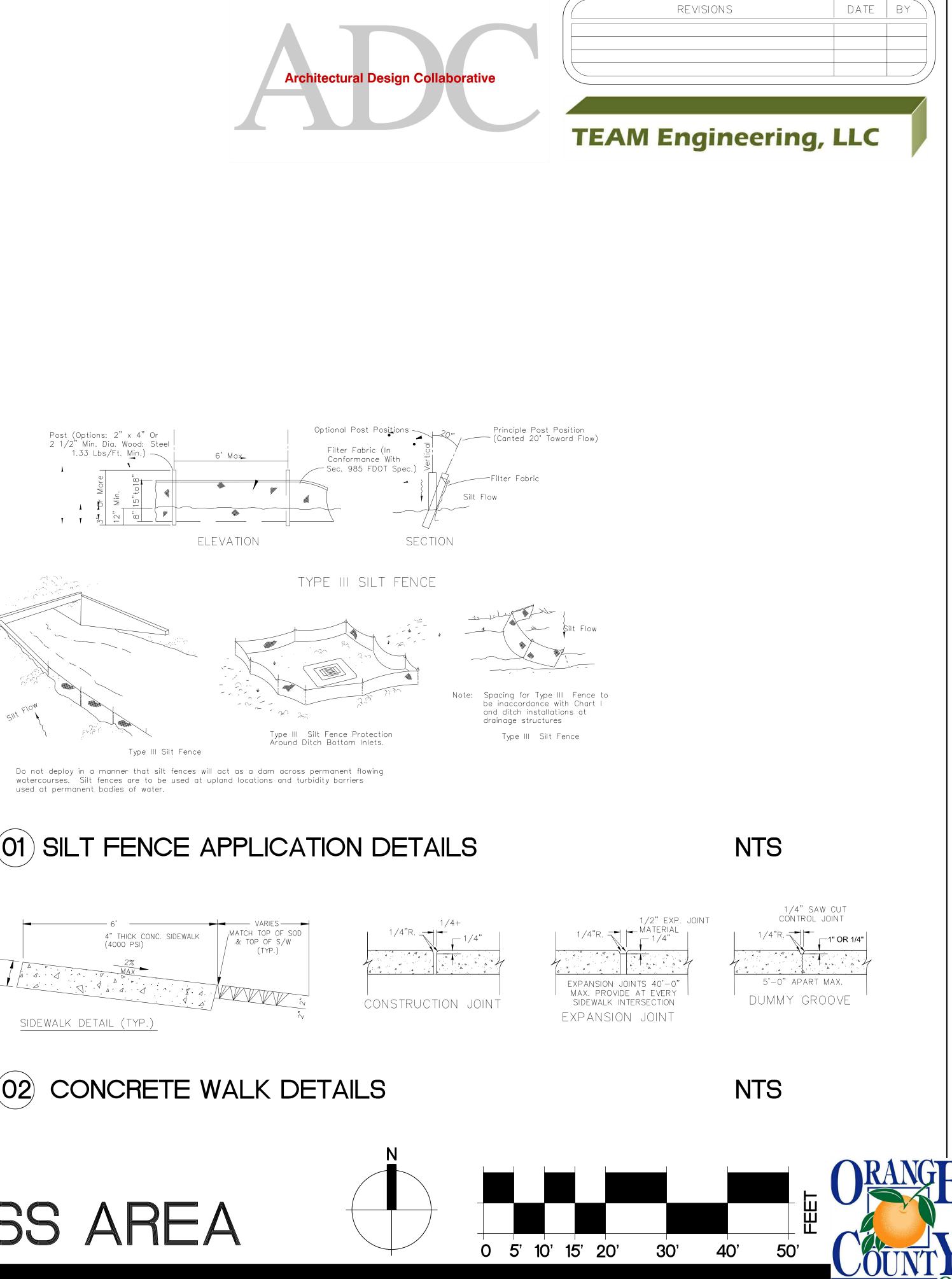
HARDSCAPE DETAILS SHADOW BAY PARK PLAY AND FITNESS AREA

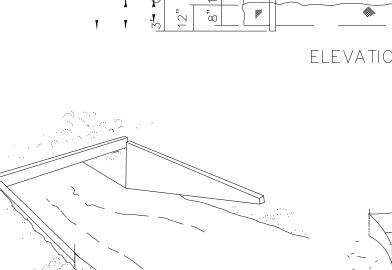
5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

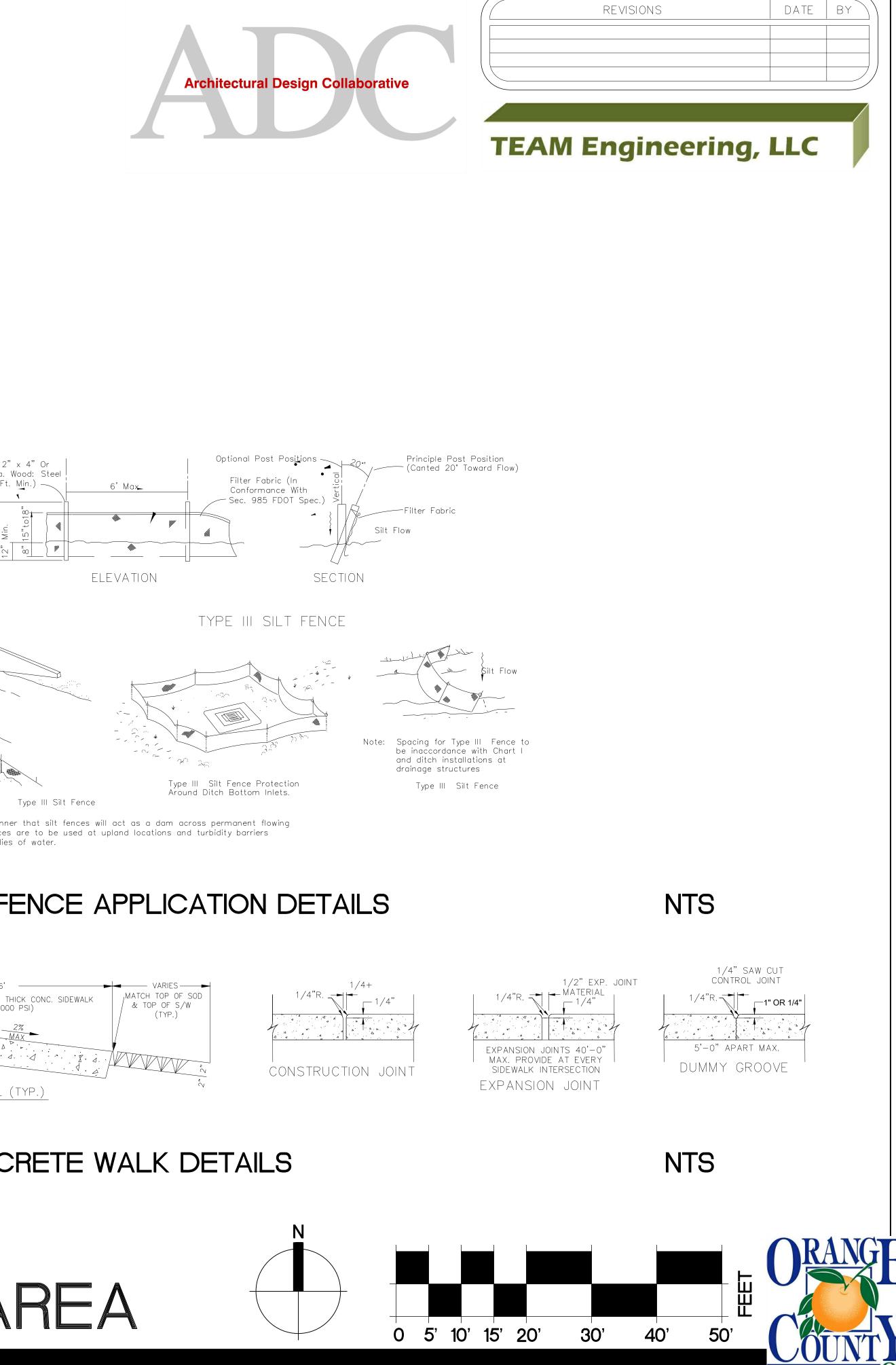


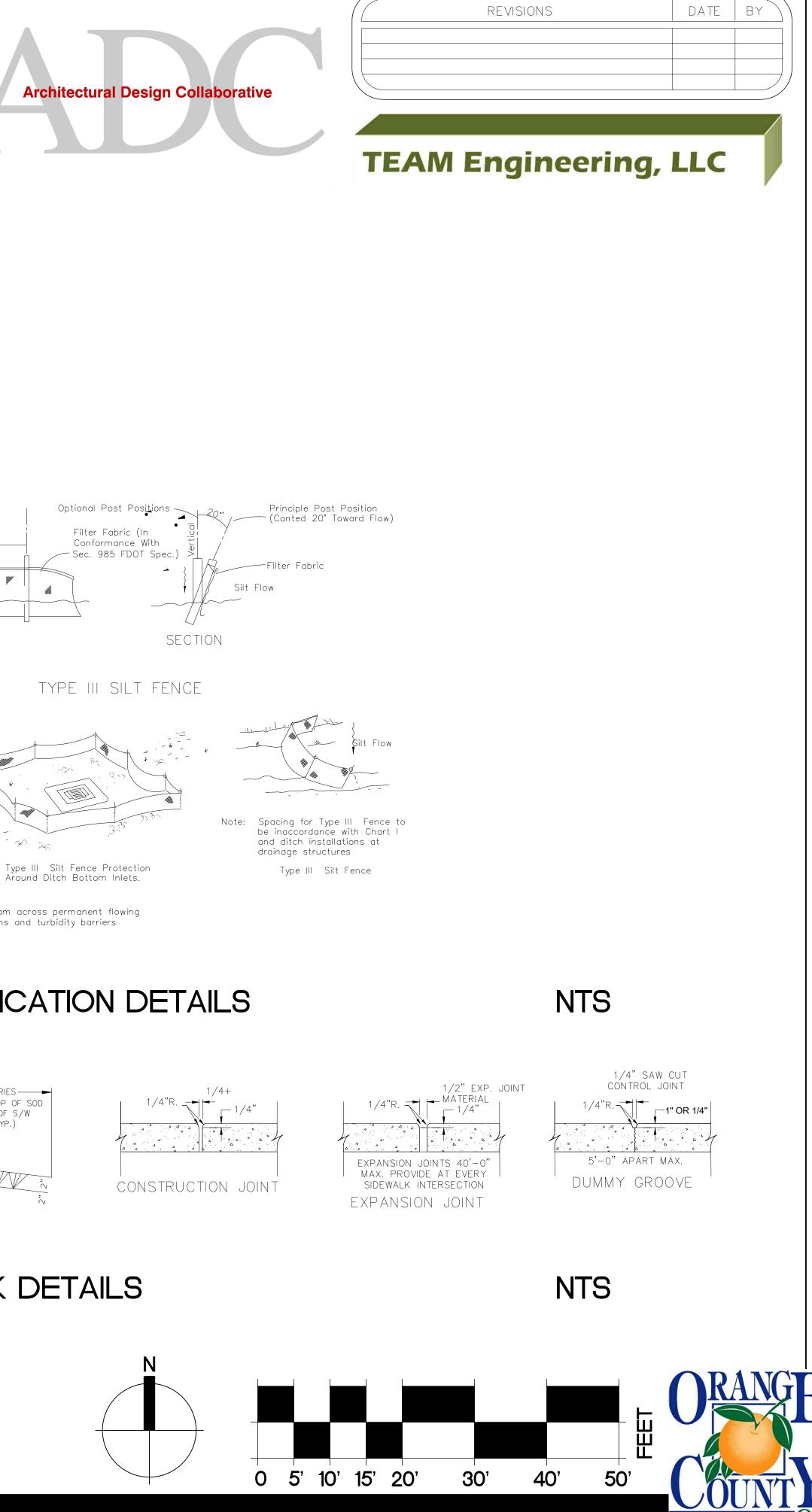












SCALE: AS SHOWN

SHEET

NOVEMBER 30, 2016 BID SET 02-01-2017

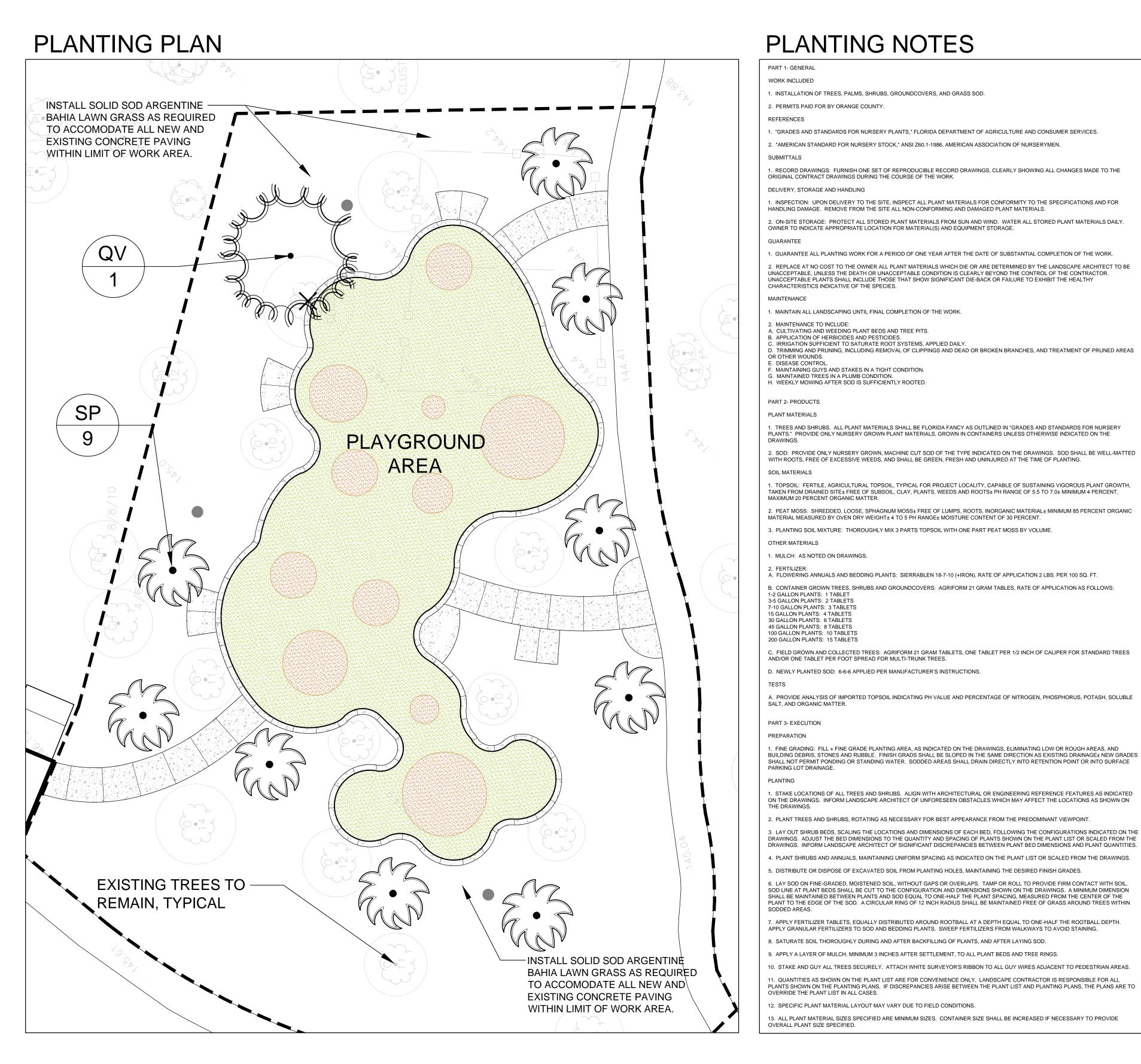
6.0

MS

RECREATION

NORTH

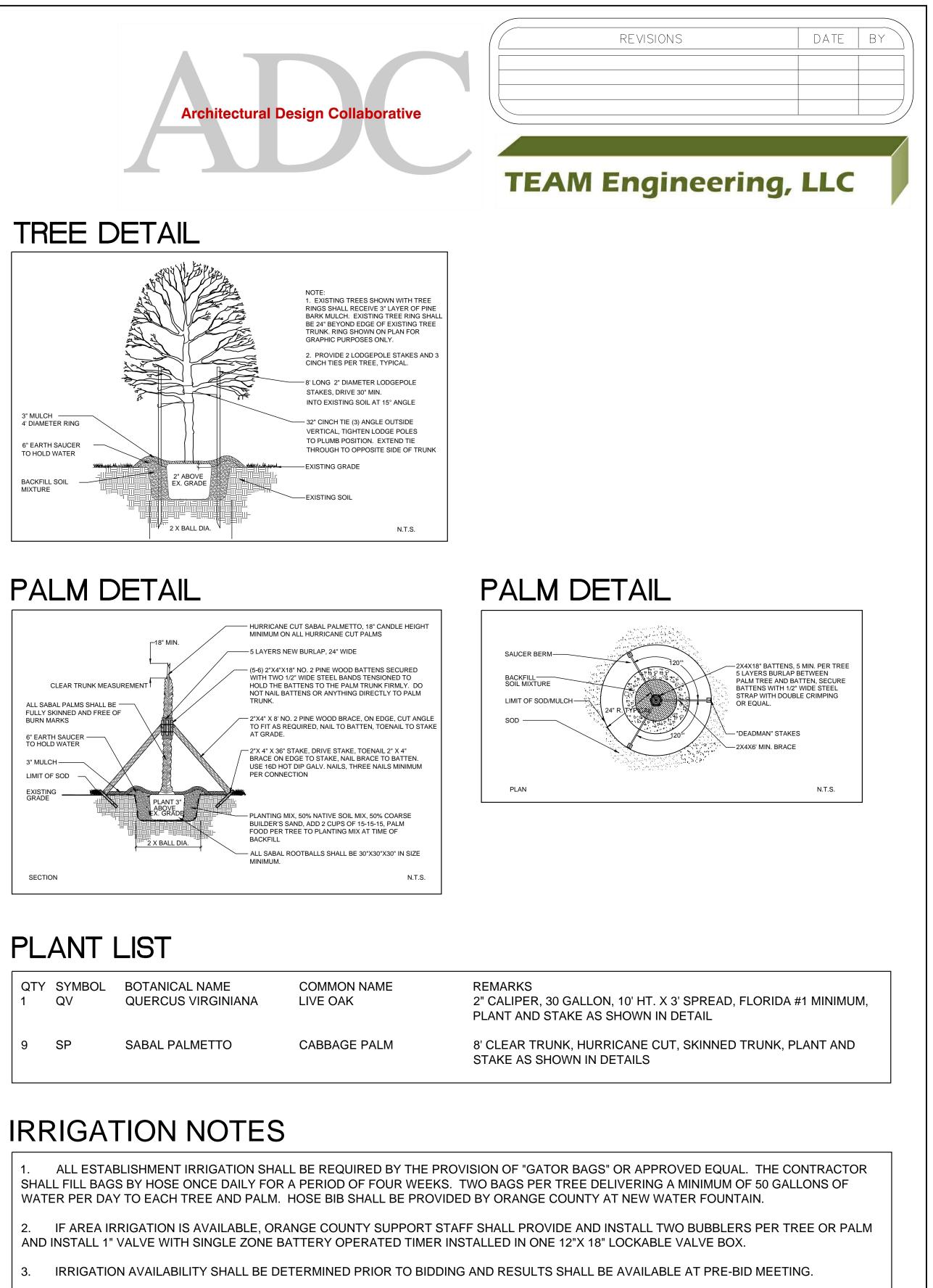
REG. NO. <u>49935</u>



PLAY AREA LANDSCAPE PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

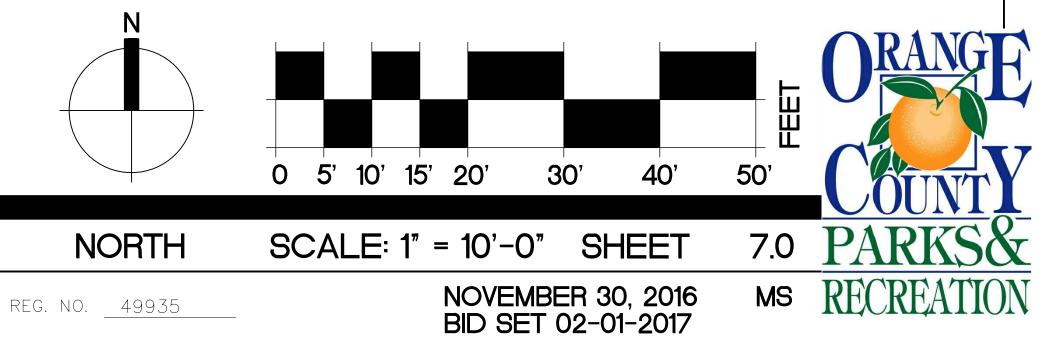
5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819



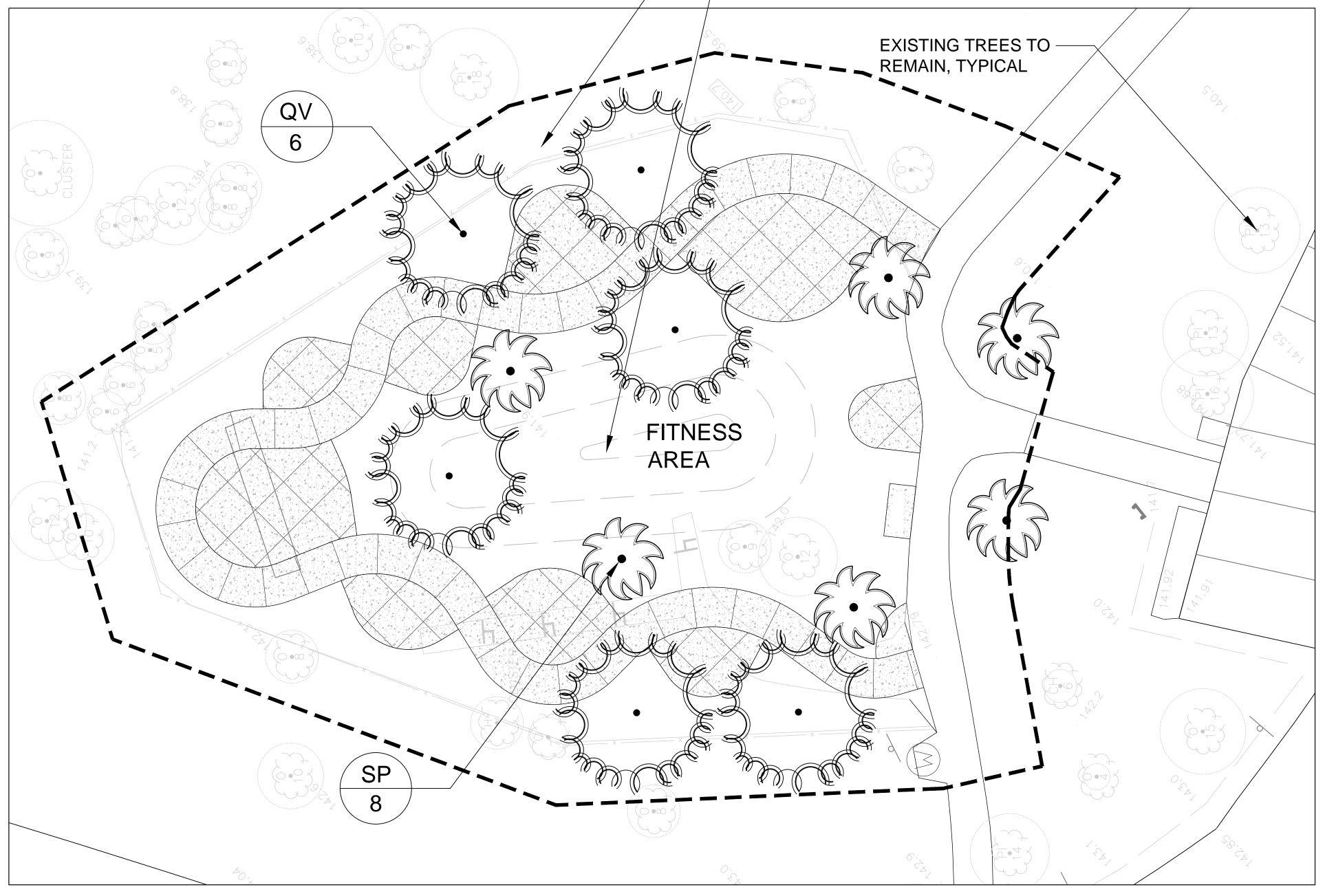


PL.	ANT	LIST
QTY	SYMBOL	BOTANICAL N
1	QV	QUERCUS VIF

)	SP	SABAL PALMETTO



PLANTING PLAN



FITNESS AREA LANDSCAPE PLAN SHADOW BAY PARK PLAY AND FITNESS AREA

5100 TURKEY LAKE ROAD ORLANDO, FLORIDA 32819

INSTALL SOLID SOD ARGENTINE BAHIA LAWN GRASS AS REQUIRED TO ACCOMODATE ALL NEW AND EXISTING CONCRETE PAVING WITHIN LIMIT OF WORK AREA.



PL	AN ⁻	ΤL	IST

QTY 6	SYMBOL QV	BOTANICAL NAM QUERCUS VIRGI
6	SP	SABAL PALMETT

IRRIGATION NOTES

ALL ESTABLISHMENT IRRIGATION SHALL BE REQUIRED BY THE PROVISION OF "GATOR BAGS" OR APPROVED EQUAL. THE CONTRACTOR SHALL FILL BAGS BY HOSE ONCE DAILY FOR A PERIOD OF FOUR WEEKS. TWO BAGS PER TREE DELIN 1UM OF 50 GALLONS OF WATER PER DAY TO EACH TREE AND PALM. HOSE BIB SHALL BE PROVIDED BY ORANGE COUNTY AT NEW WATER FOUNTAIN.

2. IF AREA IRRIGATION IS AVAILABLE, ORANGE COUNTY SUPPORT STAFF SHALL PROVIDE AND INSTALL TWO BUBBLERS PER TREE OR PALM AND INSTALL 1" VALVE WITH SINGLE ZONE BATTERY OPERATED TIMER INSTALLED IN ONE 12"X 18" LOCKABLE VALVE BOX

IRRIGATION AVAILABILITY SHALL BE DETERMINED PRIOR TO BIDDING AND RESULTS SHALL BE AVAILABLE AT PRE-BID MEETING.

		REVISIONS		DATE	BY
ectural Design Collaborative					
					/
	TEAN	l Engine	ering,	LLC	

COMMON NAME INIANA LIVE OAK CABBAGE PALM

REMARKS 2" CALIPER, 30 GALLON, 10' HT. X 3' SPREAD, FLORIDA #1 MINIMUM, PLANT AND STAKE AS SHOWN IN DETAIL

8' CLEAR TRUNK, HURRICANE CUT, SKINNED TRUNK, PLANT AND STAKE AS SHOWN IN DETAILS

