

VICINITY MAP

PROJECT LOCATION

- 1 FORD RIVER TOWNSHIP MUNICIPAL COMPLEX
- 2 NO SEE-UM CREEK
- 3 MDOT ROADSIDE PARK
- 4 MDNR BOAT LAUNCH MOUTH OF FORD RIVER
- 5 PORTAGE POINT MARSH
- 6 FOREST ISLANDS TRAIL

FORD RIVER TOWNSHIP PARK

[BY CONTRACTOR]

Ford River, Michigan

PLAY

100% CONSTRUCTION DOCUMENTS

Grant Number: RP22-0118

Issued: July 2023

SET: 2 REVISED 6/3/2024

SHEET INDEX

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By Others

*Survey provided by DAVIS WANIC SURVEYORS

NOTE:

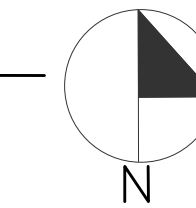
As part of the project the Contractor shall maintain a complete set of all up-to-date Drawings and Technical Specifications available for review at the construction site by the Owner's Representatives. In addition the Contractor shall ensure all installations and coordination by all trades occur in accordance with the above revisions.



PROJECT LOCATION

PROJECT LOCATION MAP

Ford River Township Hall
3839 K Road
Bark River, MI 49807



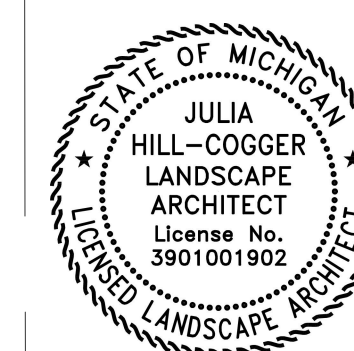
MDNR APPROVAL AUTHORIZATION

OWNER/GRANTEE:
Ford River Township
3839 K Road
Bark River, MI 49807
Authorized Representative
Steve Nelson | 906.399.6411
supervisor@fordriver.org

LANDSCAPE ARCHITECT:
CUPPAD
Julia Cogger, PLA
2950 College Avenue
Escanaba, MI 49829
906.280.0820
jcogger@cuppadd.org



Landscape Architect
Licensure Stamp



Julia Hill-Cogger
6/3/24

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GENERAL INFORMATION SHEET

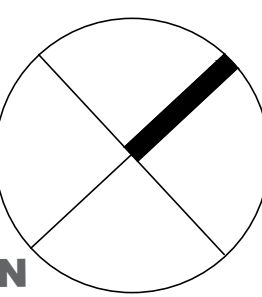
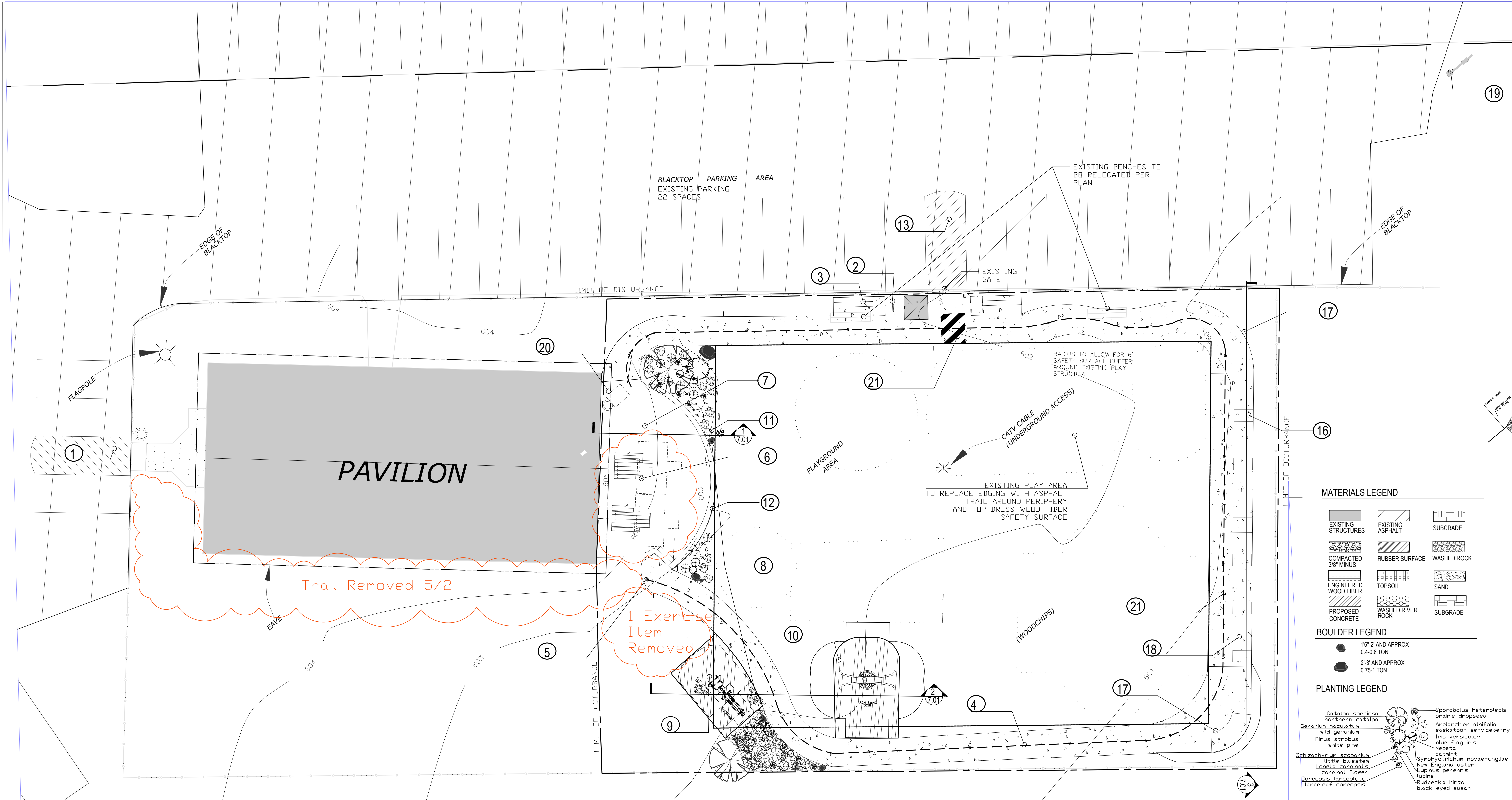
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L0-00



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SITE
REFERENCE
PLAN

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L0-01

MATERIALS LEGEND

BOULDER LEGEND

	16\" AND APPROX 0.4-0.6 TON
	2\"-3\" AND APPROX 0.75-1 TON

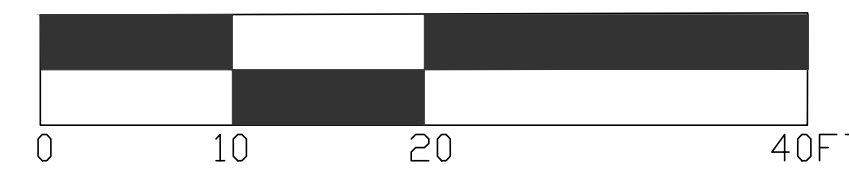
PLANTING LEGEND

	Catalpa speciosa		Sporobolus heterolepis
	northern catalpa		prairie dropseed
	Geranium maculatum		Anemone alba
	wild geranium		saskatoon serviceberry
	Pinus strobus		Iris versicolor
	white pine		blue flag iris
	Schizachyrium scoparium		Nepeta catmint
	little bluestem		Symphyotrichum novae-angliae
	Lobelia cardinalis		New England aster
	cardinal flower		Lupinus perennis
	Coreopsis lanceolata		lupine
	lanceleaf coreopsis		Rudbeckia hirta
			black eyed susan

SITE REFERENCE NOTES

- ① ADA PARKING SPACES (By Owner)
- ② QUANTITY 1 PROPOSED BIKE LOOPS (By Owner)
- ③ EXISTING ACCESSIBLE PORT-A-JOHN
- ④ PROPOSED 6' WIDE ACCESSIBLE 4" THICK CONCRETE TRAIL; LENGTH 350' BY OTHERS
- ⑤ PROPOSED SOLAR TRAIL LIGHTS EMBEDDED IN PAVEMENT (OSCI*: QUANTITY 17) BY OTHERS
- ⑥ PROPOSED ACCESSIBLE PICNIC TABLES (By Owner: QUANTITY 2)
- ⑦ PROPOSED SUN SHADE (By Owner) + PICNIC AREA BY OTHERS
- ⑧ PROPOSED NATIVE RAINGARDEN AND PLANTING AREAS (By Owner)
- ⑨ PROPOSED EXERCISE EQUIPMENT ON RUBBER SAFETY SURFACE OR SYNTHETIC TURF (NO PLAYGROUND PAD NEEDED 215SF)
- ⑩ PROPOSED NEW ACCESSIBLE SWING FEATURE ON RUBBER SAFETY SURFACE OR SYNTHETIC TURF (FALL PAD NEEDED 275sf)
- ⑪ PROPOSED HARMONY BELLS MUSIC PLAY AND INTERPRETIVE SIGN (By Owner)
- ⑫ PROPOSED 12" TO 18" HIGH BY 60' LONG CONCRETE SEAT WALL BY OTHERS
- ⑬ PROPOSED QUANTITY 2 ADA PARKING SPACES ONE OF WHICH IS VAN ACCESSIBLE (By Owner)
- ⑭ EXISTING BENCHES (2) TO BE MOUNTED ALONG PROPOSED WITH COMPANION SEATING SPACE (By Owner)
- ⑮ PROPOSED 32" BERM; BY OTHERS
- ⑯ PROPOSED 14" ROLLERS; BY OTHERS
- ⑰ PROPOSED 30" BERM; BY OTHERS
- ⑱ PROPOSED 9'6" WIDE TRAIL WITH PUMP TRACK FEATURES BY OTHERS
- ⑲ PROPOSED ENTRANCE SIGN (By Owner)
- ⑳ PROPOSED GARBAGE/RECYCLE BIN (By Owner)
- ㉑ MINI STREET STRIPING AND CROSSWALKS BY OTHERS

*OSCI: OWNER SUPPLIED CONTRACTOR INSTALLED



GENERAL NOTES

1. THESE NOTES ARE TO BE USED AS A GENERAL REFERENCE IN CONJUNCTION WITH AND AS A SUPPLEMENT TO WRITTEN SPECIFICATIONS, APPROVED ADDENDUMS, AND CHANGE ORDERS ASSOCIATED WITH THIS DOCUMENT SET.
2. ALL WORK SHALL CONFORM TO THE CONTRACT DOCUMENTS AND PER LOCAL OR STATE GOVERNING CODES AND/OR ORDINANCES, WHICHEVER IS APPLICABLE.
3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL REVIEW THE PROJECT WITH THE LANDSCAPE ARCHITECT AND/OR THE OWNER'S AUTHORIZED REPRESENTATIVE.
4. THE CONTRACTOR SHALL PROVIDE MATERIALS OR EQUIPMENT AND PERFORM REQUIRED INCIDENTAL PROCEDURES THAT MAY BE NECESSARY TO COMPLETE THE PROJECT TO SATISFACTORY CONDITION AS DIRECTED BY THE DESIGN INTENT OF THE DOCUMENT SET AND THEREFORE SHALL MEET MINIMUM CONSTRUCTION REQUIREMENTS AND INDUSTRY STANDARDS NOTWITHSTANDING MENTION OR REFERENCE IN THIS DOCUMENT SET.
5. THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL NECESSARY PERMITS.
6. DAVIS WANIC SURVEYORS PREPARED THE EXISTING SITE SURVEY FOR THE DRAWING. IT HAS BEEN REFORMATTED FOR USE IN AND PREPARATION OF THIS DRAWING SET. CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS AND CONTEXT PRIOR TO CONSTRUCTION. ALL DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION IMMEDIATELY. LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS ASSOCIATED WITH THE PREPARATION OR DOCUMENTATION OF THE SURVEY.
7. CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING HORIZONTAL AND VERTICAL CONTROL POINTS AND BENCHMARKS. CONTRACTOR IS RESPONSIBLE FOR INSTALLING CONSTRUCTION STAKING AND FIELD LAYOUT. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE MEANS AND METHODS OF CONSTRUCTION MINIMIZING DISTURBANCE TO THE SITE. QUANTITIES SHOWN IN THIS DOCUMENT SET ARE ESTIMATES ONLY AND ARE THEREFORE NOT GUARANTEED; THE CONTRACTOR SHALL SUPPLY ALL MATERIALS, LABOR AND EQUIPMENT IN ORDER TO COMPLETE THE PROJECT AS SPECIFIED IN THESE DOCUMENTS.
8. CONTRACTOR IS RESPONSIBLE FOR COMPLETING ANY DEWATERING NECESSARY TO COMPLETE THE WORK SPECIFIED.
9. THESE DRAWINGS INDICATE A LIMIT OF DISTURBANCE HOWEVER THE FINAL LIMITS OF DISTURBANCE SHALL BE DETERMINED IN THE FIELD. SHALL LIMITS OF DISTURBANCE EXCEED WHAT IS DEFINED THE DRAWINGS, CONTRACTOR SHALL CONTACT LANDSCAPE ARCHITECT FOR RESOLUTION.
10. CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL WORK DISTURBED BY CONSTRUCTION OUTSIDE OF LIMIT LINES DEFINED ON DRAWINGS TO A CONDITION BETTER OR EQUAL TO THE CONDITION PRIOR TO COMMENCEMENT OF CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.
11. THE CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONARY MEASURES TO PROTECT EXISTING IMPROVEMENTS AND THE PUBLIC FROM DAMAGE THROUGHOUT THE CONSTRUCTION PROCESS.
12. THE CONTRACTOR SHALL PROPERLY COORDINATE WORK TO BE PERFORMED WITH OTHER CONTRACTOR'S WORK PRIOR TO INSTALLATION.
13. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY DAMAGES IMPOSED, UNINTENTIONALLY OR ACCIDENTALLY TO EXISTING UTILITIES, STRUCTURES, WALLS, OR OTHER AMENITIES, DUE TO THE ACTION OF THE CONTRACTOR, CONTRACTOR'S EMPLOYEES AND/OR CONTRACTOR'S SUBCONTRACTORS, DAMAGE INCURRED DURING THE CONTRACTOR'S OPERATION SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR, TO THE SATISFACTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE..

SITE DEMOLITION NOTES

1. Remove items shown on the Drawings to be removed to the full extent of their construction unless designated to remain.
2. Verify the extent and location of items to be removed (or remain) in the field prior to commencement of construction.
3. Items not shown (below grade) and encountered during construction shall be brought to the attention of the Landscape Architect.
4. Contact the local underground service update for utility location and identification prior to demolition.
5. The location of existing utilities shown on the Drawings may vary in relation to actual existing conditions. Additional utilities not shown on the drawings might also exist. Verify in the field the location of any existing utilities and inform the Landscape Architect of any discrepancies prior to starting work.

SITE LAYOUT NOTES

1. Layout and verify dimensions in the field prior to construction. Bring any discrepancies to the attention of the Landscape Architect for clarification.
2. For dimensions of the proposed playground and exercise equipment refer to the supplier's shop drawings.
3. Written dimensions take precedence over scale. Do not scale drawings.
4. Measurements are to face of wall or fixed site improvement. Dimensions to centerlines are indicated.
5. Install intersecting elements at 90 degree angles to each other unless otherwise noted.

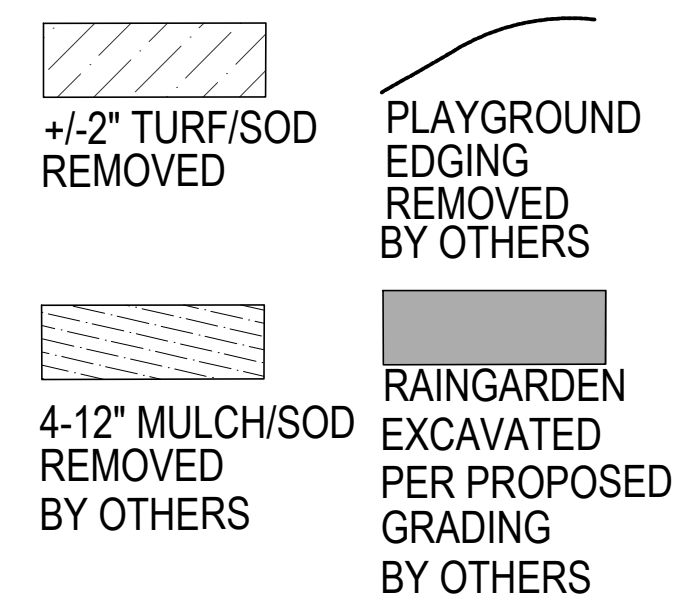
SITE GRADING AND DRAINAGE NOTES

1. Contractor shall grade to maintain positive drainage away from all structures. Contractor shall keep drainage ways and natural flow channels free from obstructions that may impair flow.
2. Existing underground utilities are shown per available records. Verify the actual location and elevation in the field prior to beginning construction. Protect existing utilities and be responsible for damage to utilities encountered during construction.
3. Contractor shall strip and stockpile topsoil in a designated area on site for use in finished grading.
4. Finish grading shall be by the direction of the Landscape Architect or Owner's Authorized Representative. All grading shall be approved prior to planting.

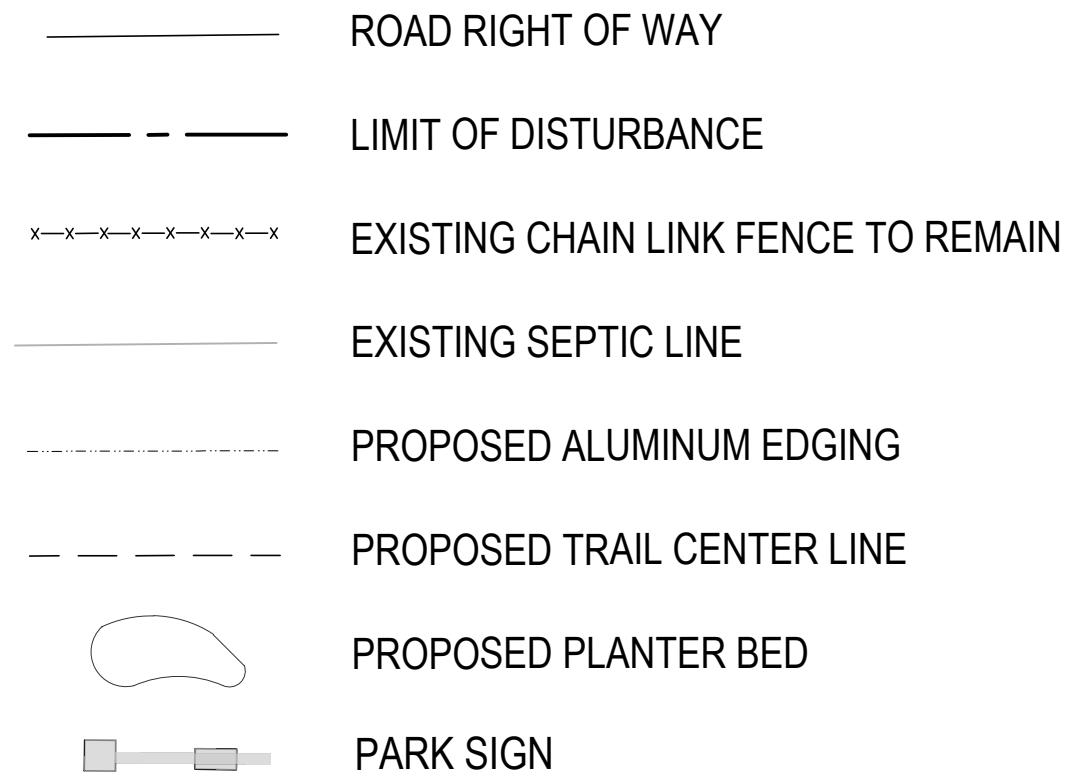
SITE SOILS NOTES

1. Contractor shall verify with Authorized Representative where to stockpile stripped topsoil and planting soil products. Contractor shall ensure area is protected and soil is adequately stored to prevent erosion.
2. Contractor shall ensure subgrade is scarified prior to installing planting soil.
3. Coordinate placement of planting materials with other work. Planting should occur after all hardscape elements are in place.

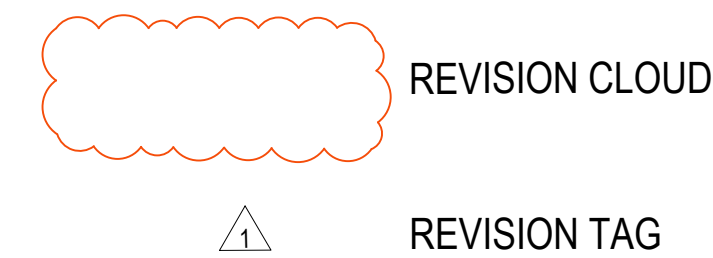
DEMOLITION LEGEND



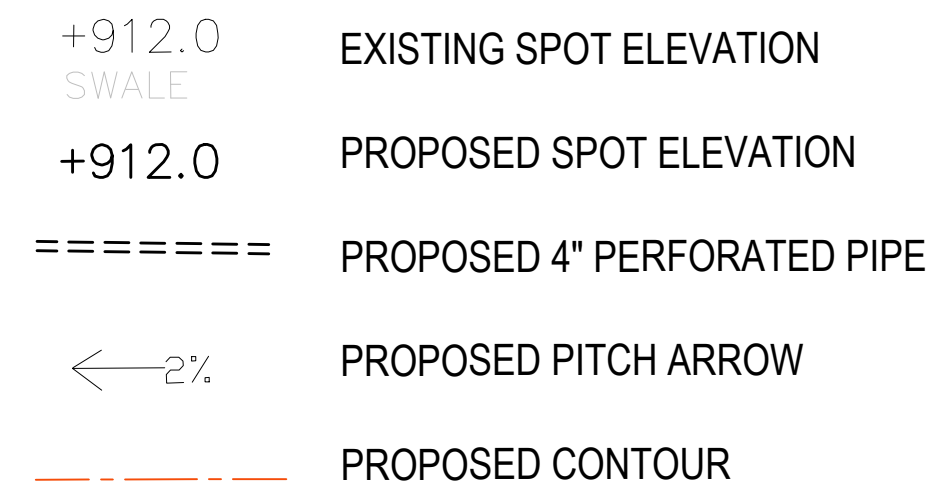
LINETYPE LEGEND



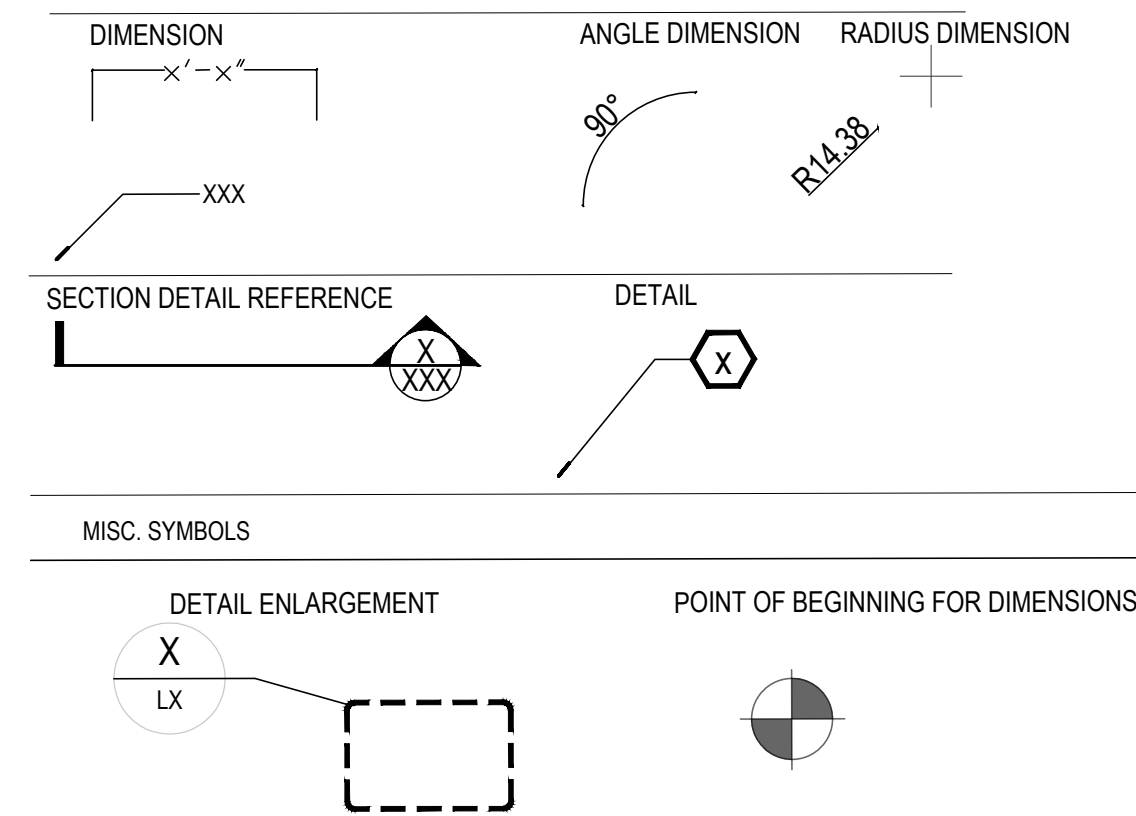
REVISION LEGEND



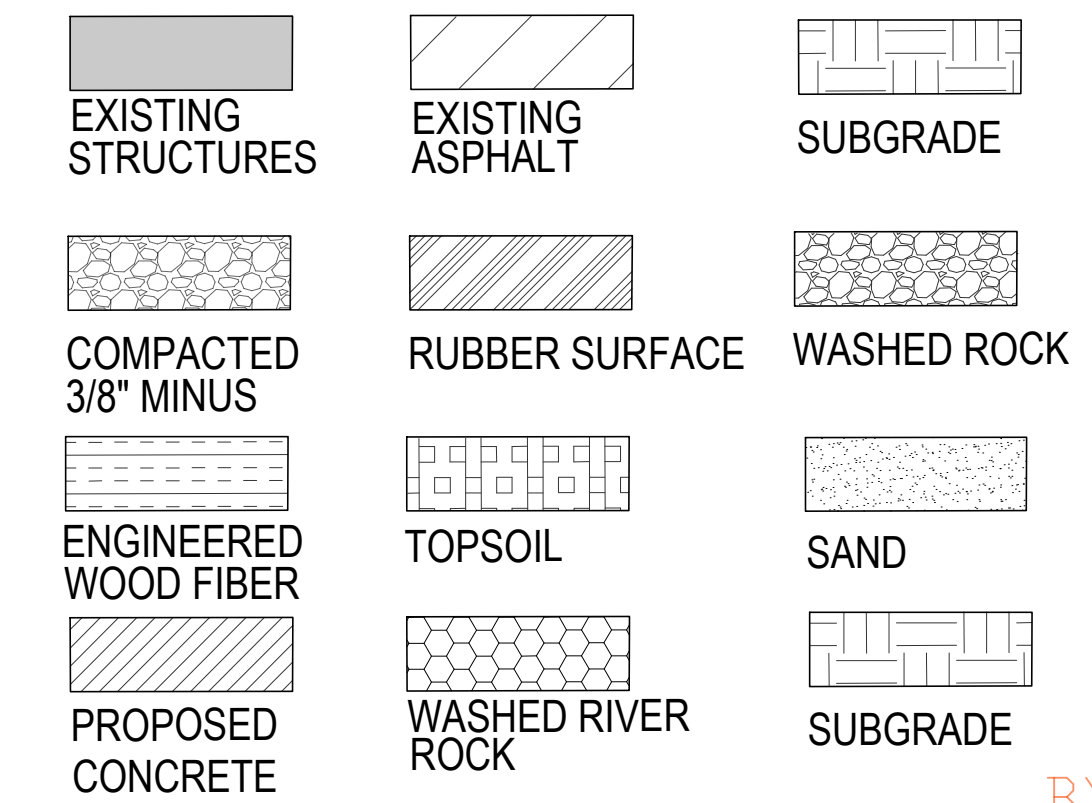
GRADING LEGEND



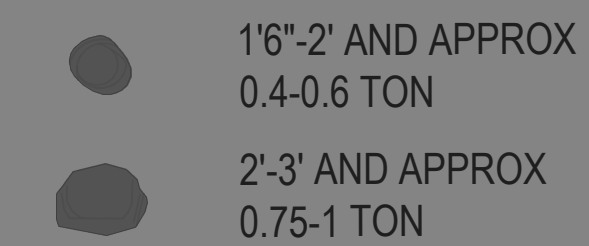
SITE DETAIL KEYNOTES



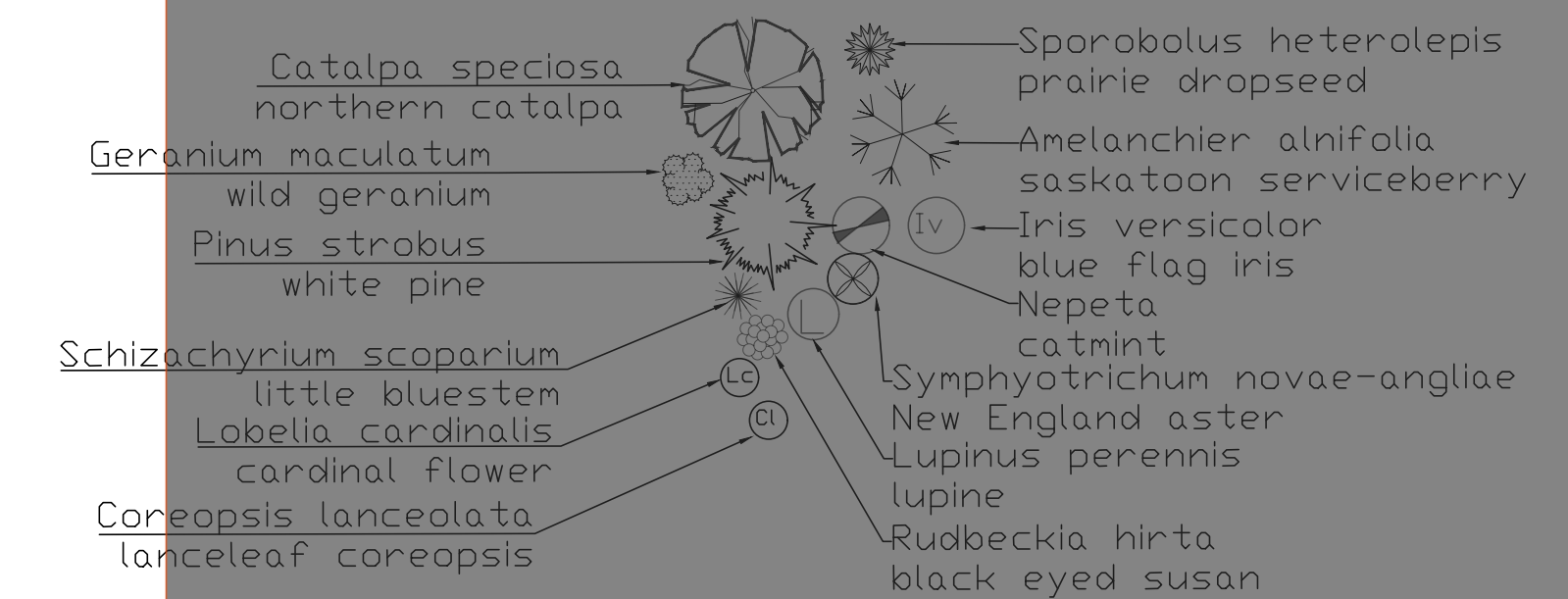
MATERIALS LEGEND



BOULDER LEGEND



PLANTING LEGEND



PLANTING LIST

Abbrv	Qty	Botanical Name	Common Name	Spacing	Size	Notes
Deciduous Trees						
	2	<i>Catalpa speciosa</i>	northern catalpa	As Shown	1.5" cal	
Evergreen Trees						
	1	<i>Pinus strobus</i>	eastern white pine	As Shown	5' height	B+B
Shrubs						
	3	<i>Amelanchier alnifolia</i>	saskatoon serviceberry	As Shown	5 gal	multistem
Perennials/Groundcover						
Cl	2	<i>Coreopsis lanceolata</i>	lancheaf coreopsis	As Shown	1 gal	
	13	<i>Geranium maculatum</i>	wild geranium	As Shown	1 gal	
lv	3	<i>Iris versicolor</i>	blue flag iris	As Shown	1 gal	
Lc	3	<i>Lobelia cardinalis</i>	cardinal flower	As Shown	1 gal	
L	6	<i>Lupinus perennis</i>	sundial lupine	As Shown	1 gal	
	1	<i>Nepeta racemosa</i>	catmint	As Shown	1 gal	
	3	<i>Rudbeckia hirta</i>	black eyed susan	As Shown	1 gal	
	9	<i>Schizachyrium scoparium</i>	little bluestem	As Shown	1 gal	
	5	<i>Sporobolus heterolepis</i>	prairie dropseed	As Shown	1 gal	
	12	<i>Symphyotrichum nove-angliae</i>	New England aster	As Shown	1 gal	

BY OTHERS

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GENERAL
INFORMATION
SHEET

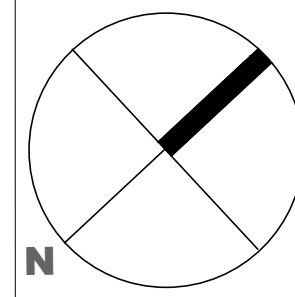
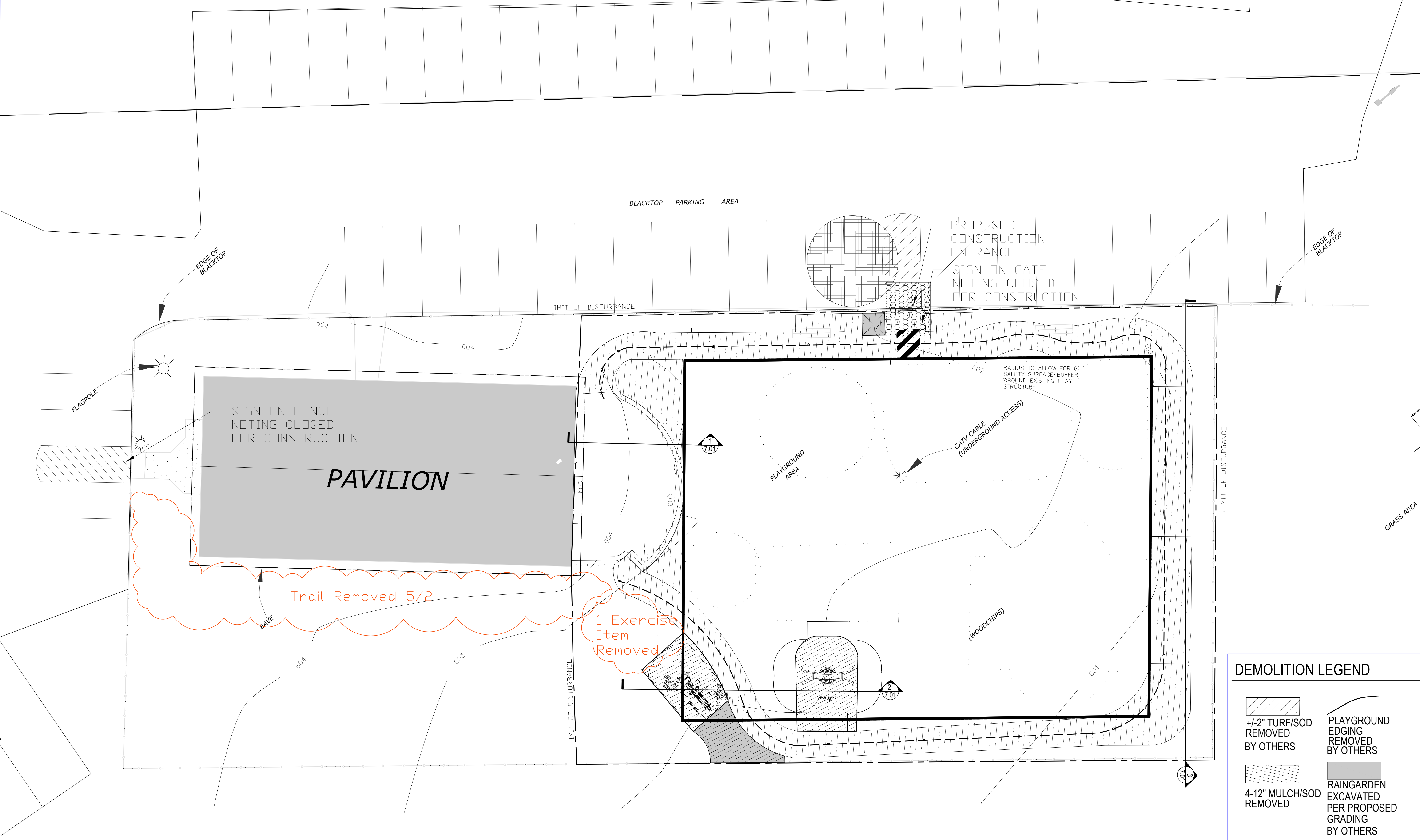
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BY: jc

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L0-04



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EXISTING
CONDITIONS,
DEMOLITION,
AND
PROTECTION

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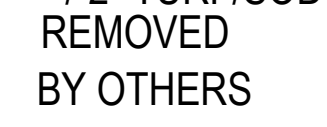


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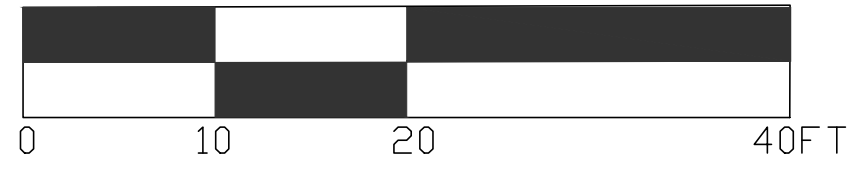
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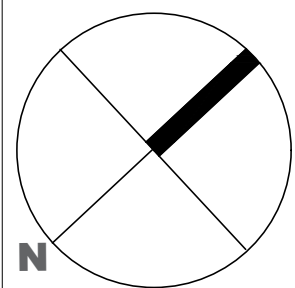
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L1-01

DEMOLITION LEGEND

 +/-2" TURF/SOD REMOVED BY OTHERS	 PLAYGROUND EDGING REMOVED BY OTHERS
 4-12" MULCH/SOD REMOVED	 RAINGARDEN EXCAVATED PER PROPOSED GRADING BY OTHERS





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SITE MATERIALS
PLAN

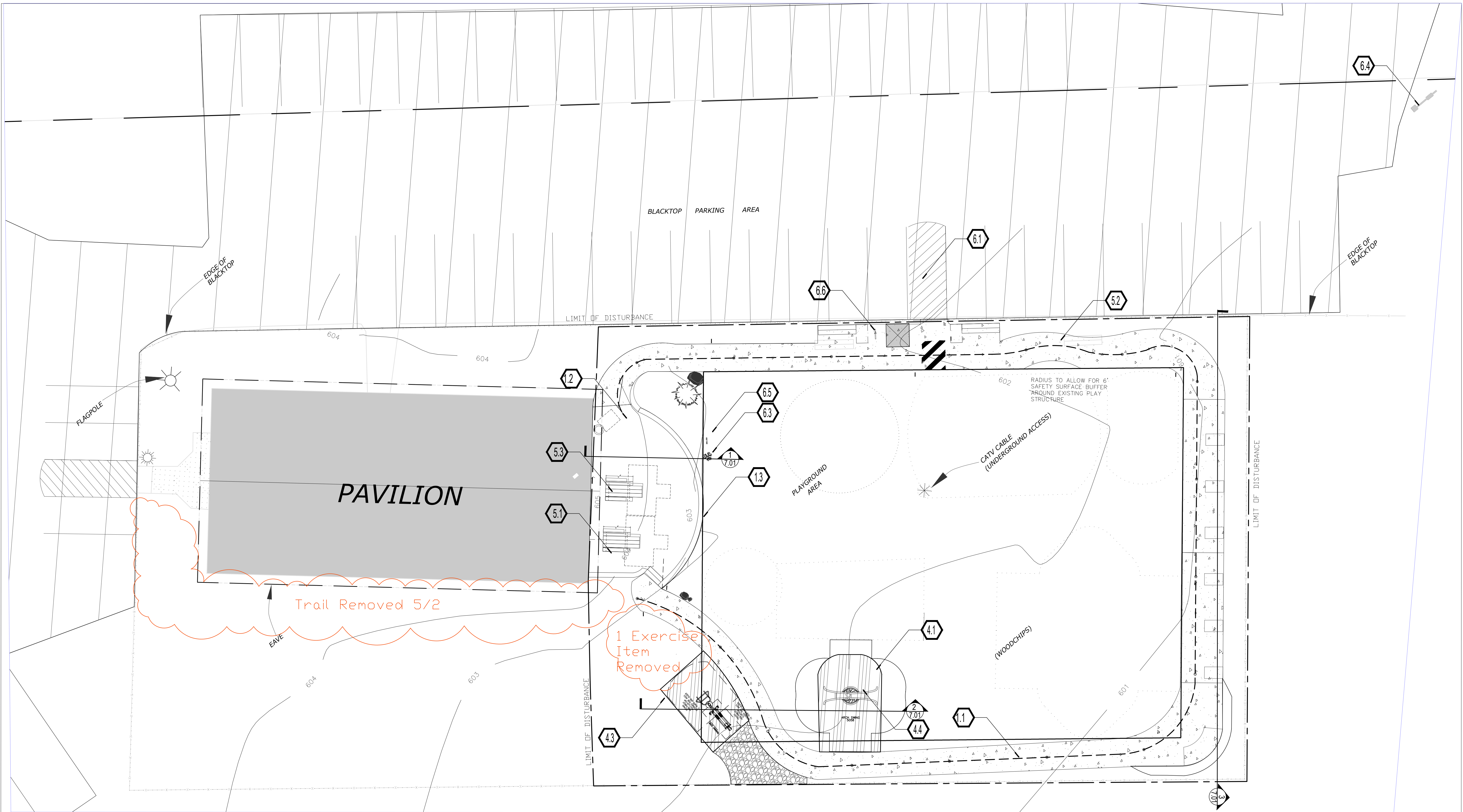
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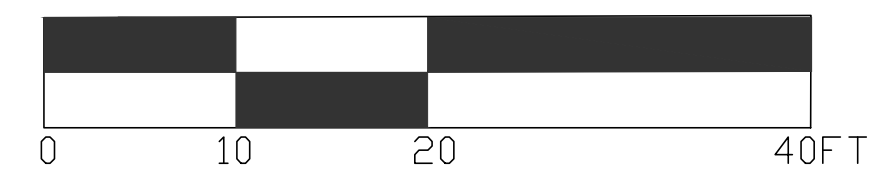
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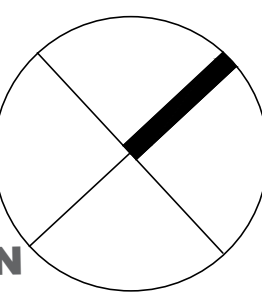
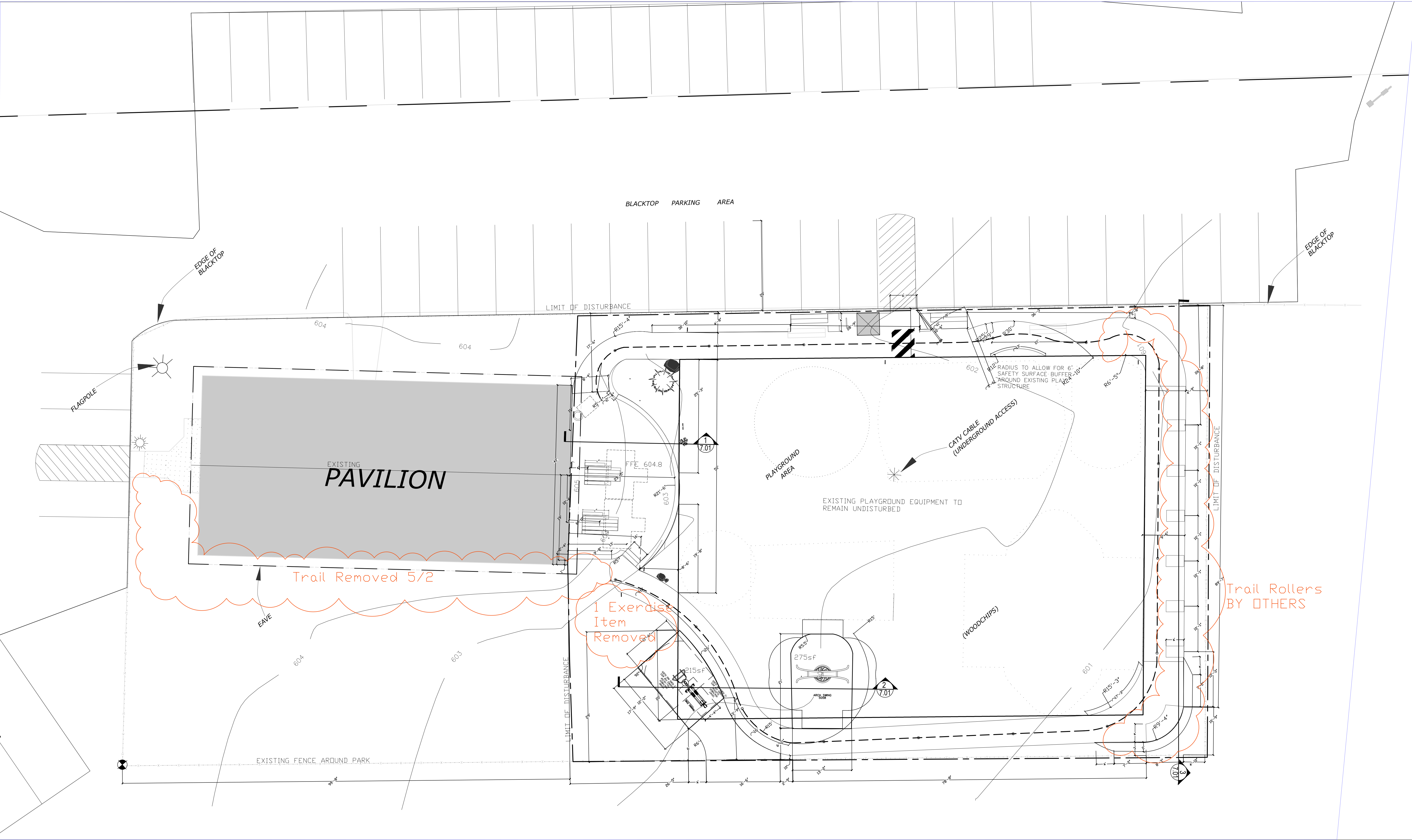


DETAIL KEYNOTES		DETAIL / SPEC SHEET	SECTION
1	PAVEMENTS AND EDGING		
	11 Concrete Surfacing	1/L7.02	033000
	12 Aggregate Surfacing	1/L7.01	321501
3	PLANTING AND LANDSCAPE By Others		
	31 Landscape Boulder	1/L11.01	
2	DRAINAGE		
	21 Subdrain Below Safety Surface	4/L7.02	
	32 Shrub Planting	2/L11.01	
3	33 Evergreen Planting	3/L11.01	
	34 Deciduous Tree Planting	4/L11.01	

4		PLAY AREA COMPONENTS	
4.1	Play Surface—Poured in Place	1/L7.01	321820
4.2	Exercise 1	1/L7.03	
4.3	Exercise 2-3	2/L7.03	
4.4	Multi-Person Accessible Swing	3/L7.03	
5 SITE SEATING By Others			
5.1	ACCESSIBLE PICNIC TABLE A	1/L7.05	
5.2	BENCH WITH ADJACENT PAD	2/L7.05	
5.3	ACCESSIBLE PICNIC TABLE B	3/L7.06	

6		ADDITIONAL COMPONENTS By Others	
6.1	ADA PARKING	1/L7.04	
6.2	SHADE-SAIL	2/L7.04	
6.3	INTERPRETIVE SIGN	1/L7.07	
6.4	ENTRANCE SIGN	2/L7.07	
6.5	HARMONY BELLS	3/L7.07	
6.6	BIKE RACK	4/L7.07	





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SITE LAYOUT
PLAN

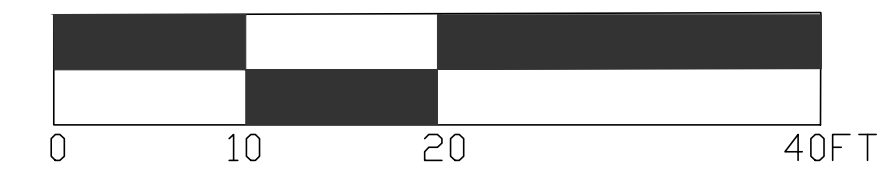
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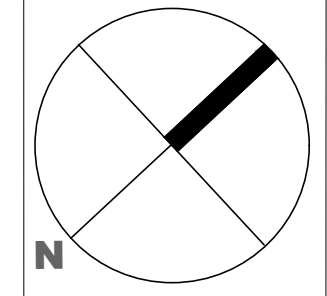
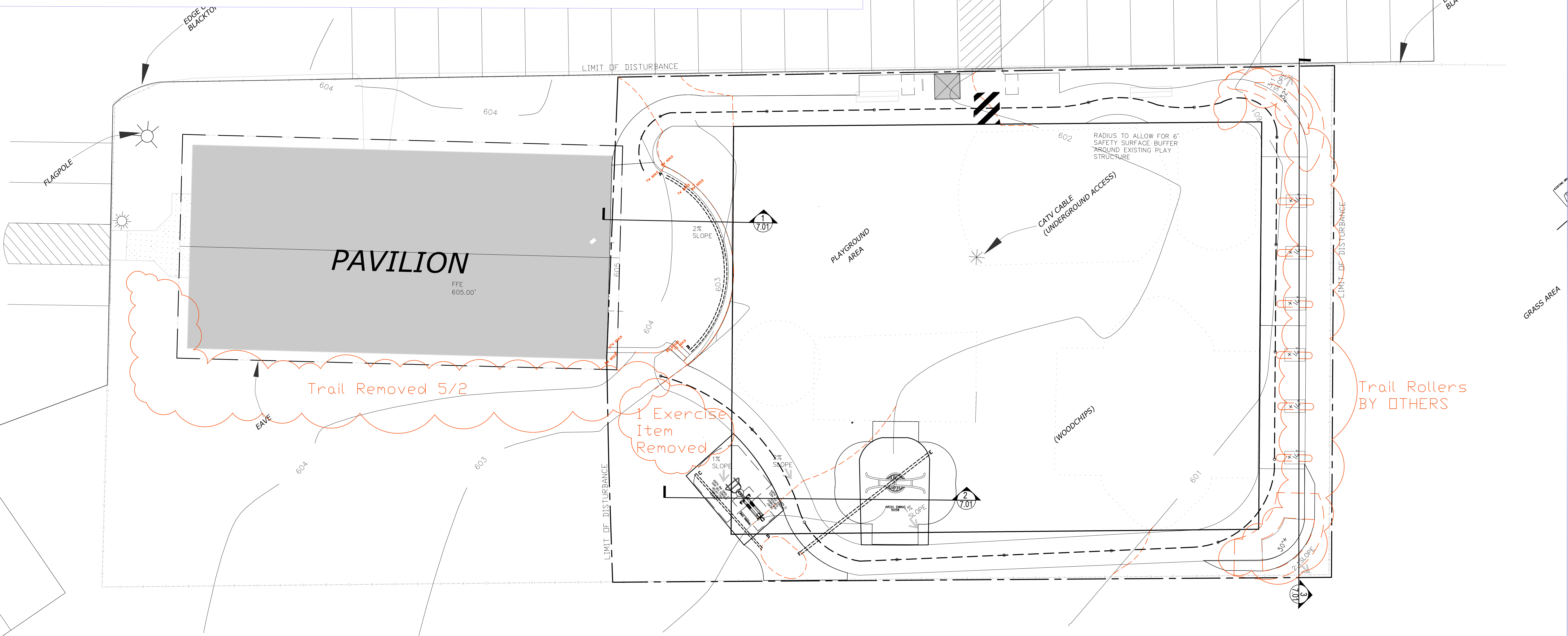
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L4-01



DRAIN TILE LENGTHS AND SLOPES				
FROM	TO	LENGTH (FT)	ELEVATION	Pipe Type
A	B	40	604.0'-603.2'	4" perforated in sock <small>BY OTHERS</small>
C	D	20	603.2'-601.0'	4" perforated in sock
E	F	32	603.5'-602.7'	4" perforated in sock



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GRADING AND
DRAINAGE PLAN

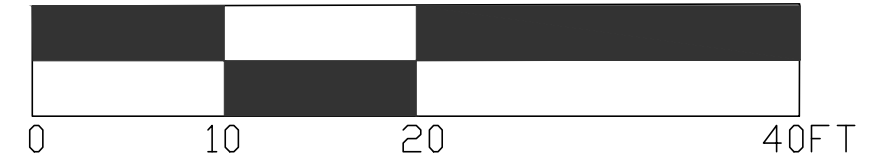
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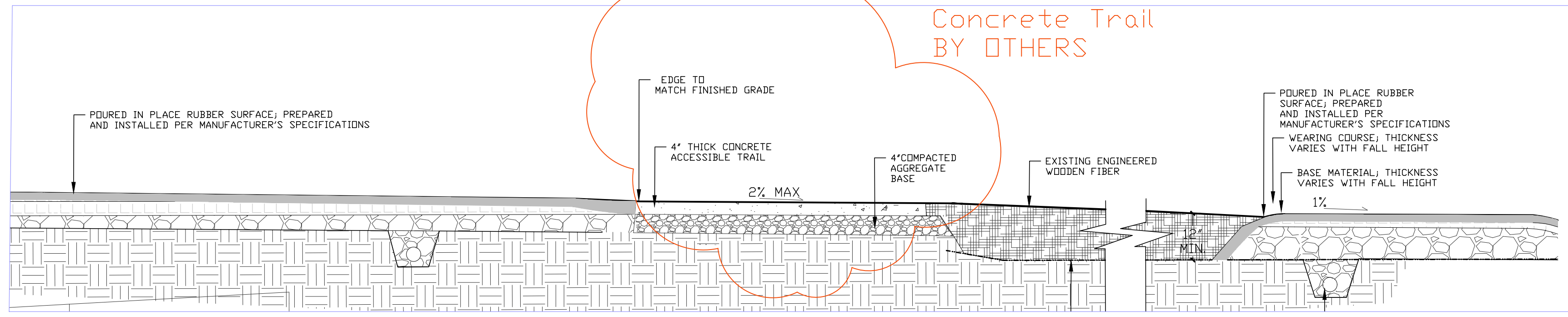
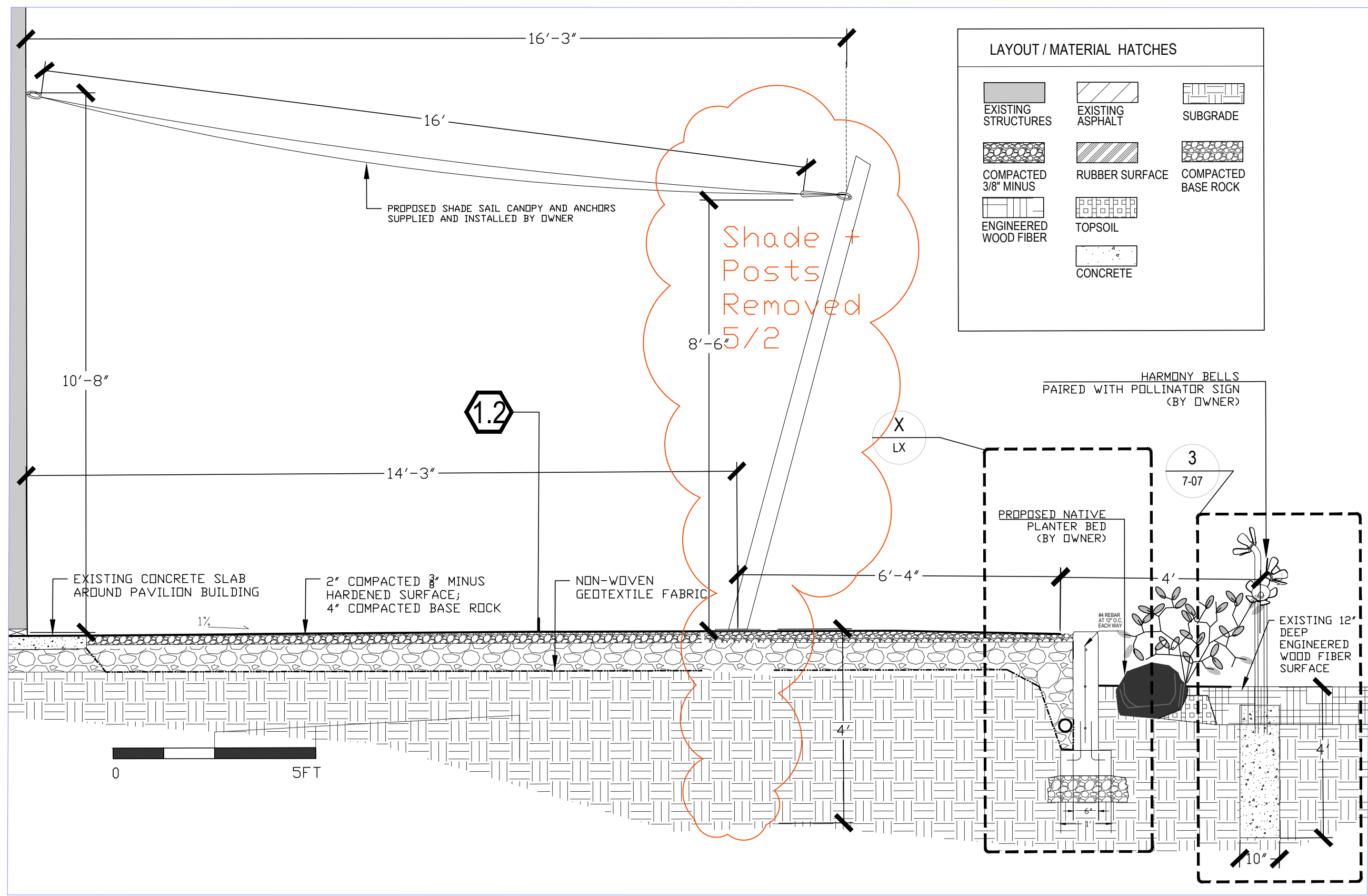
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L5-01





1 SHADE SAIL PICNIC AREA SECTION BY OTHERS

2 EXERCISE AREA, TRAIL, EXISTING PLAY SURFACE + PLAY AREA SECTION

4.2

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COMPOSITE SECTIONS

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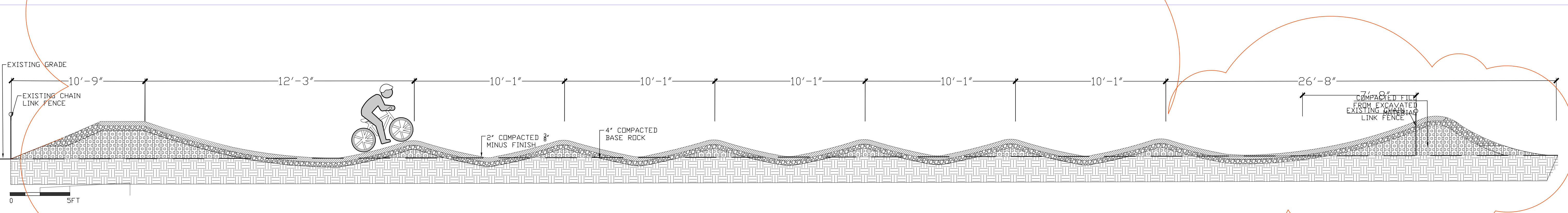
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L7-01

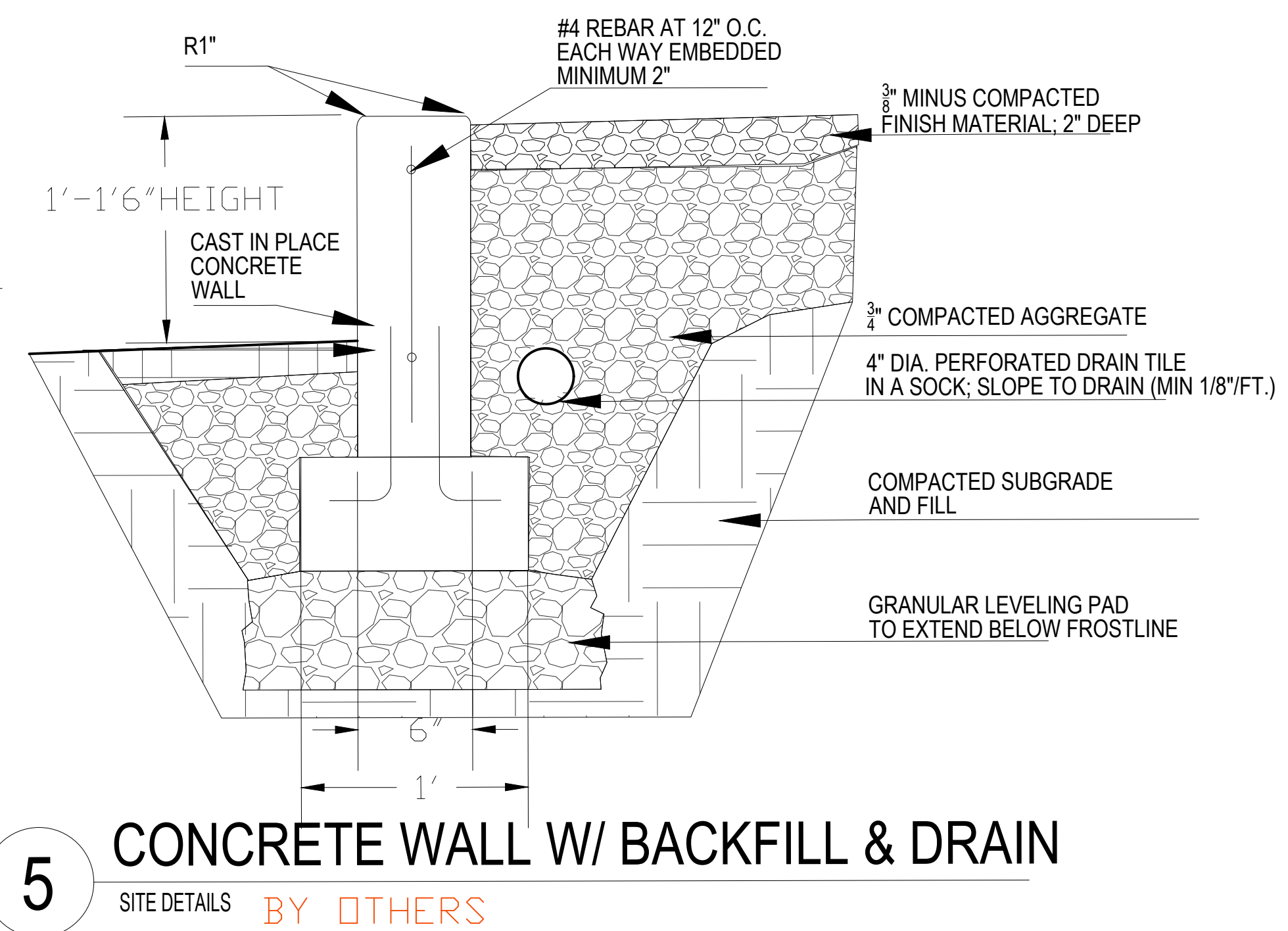
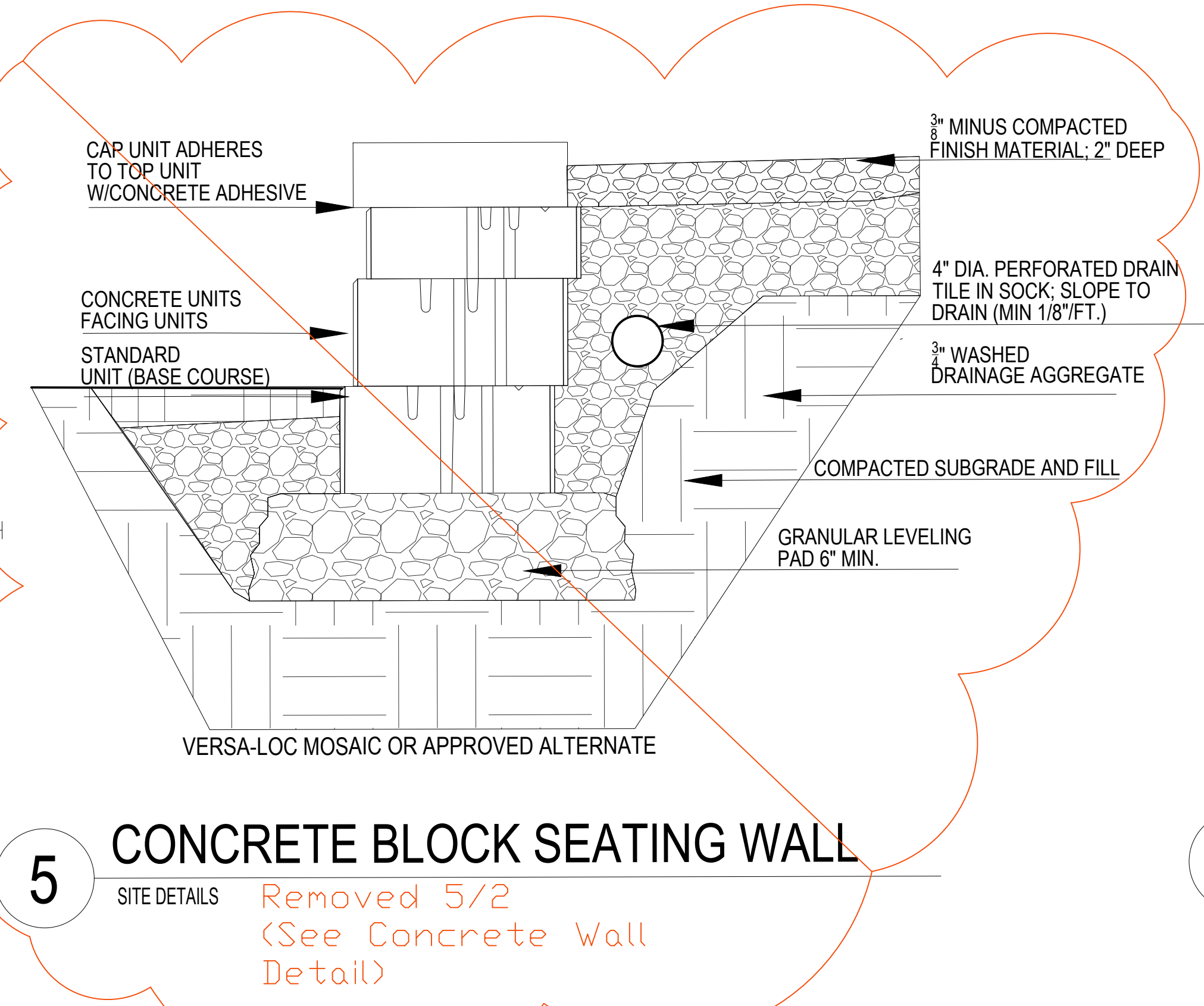
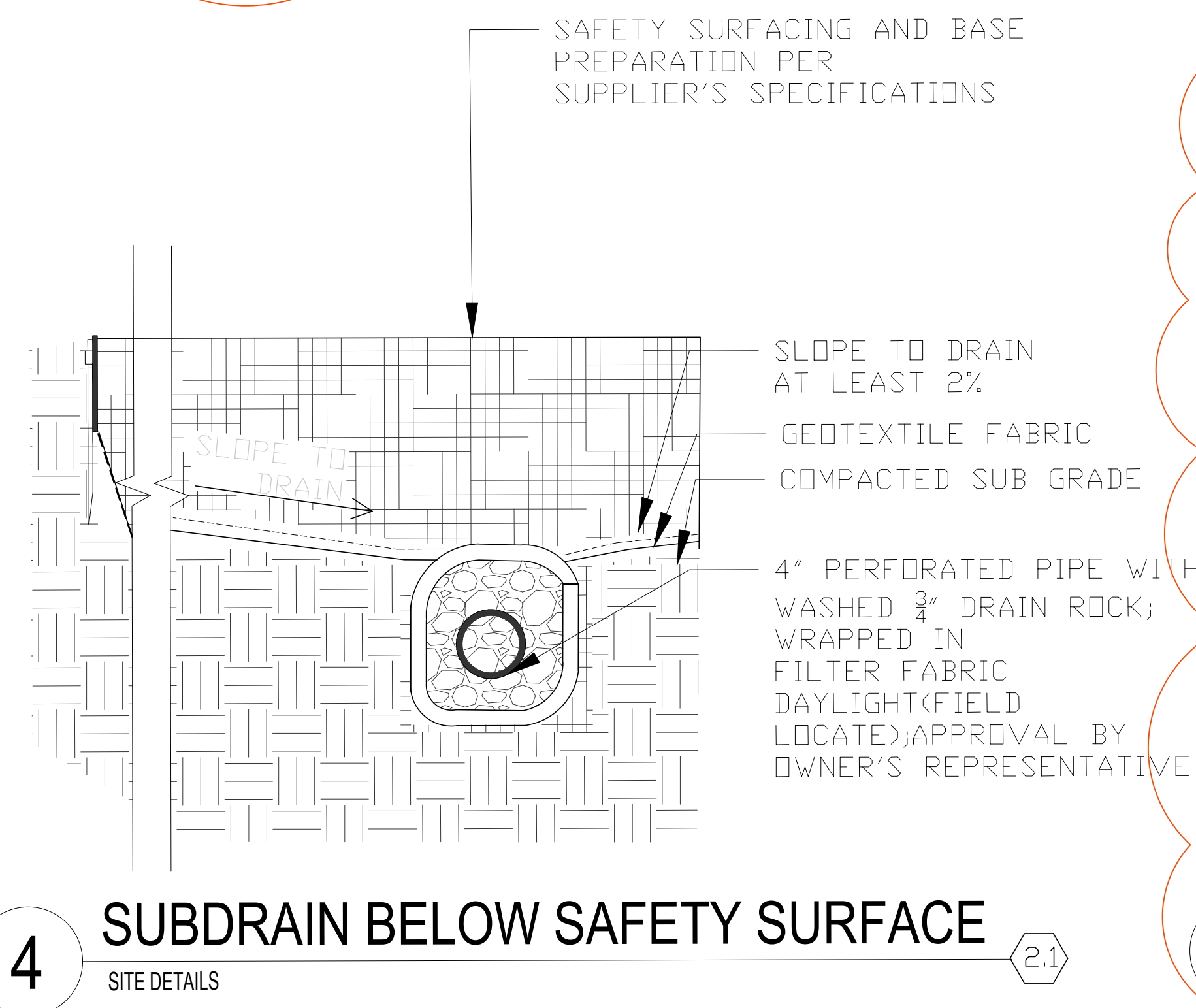
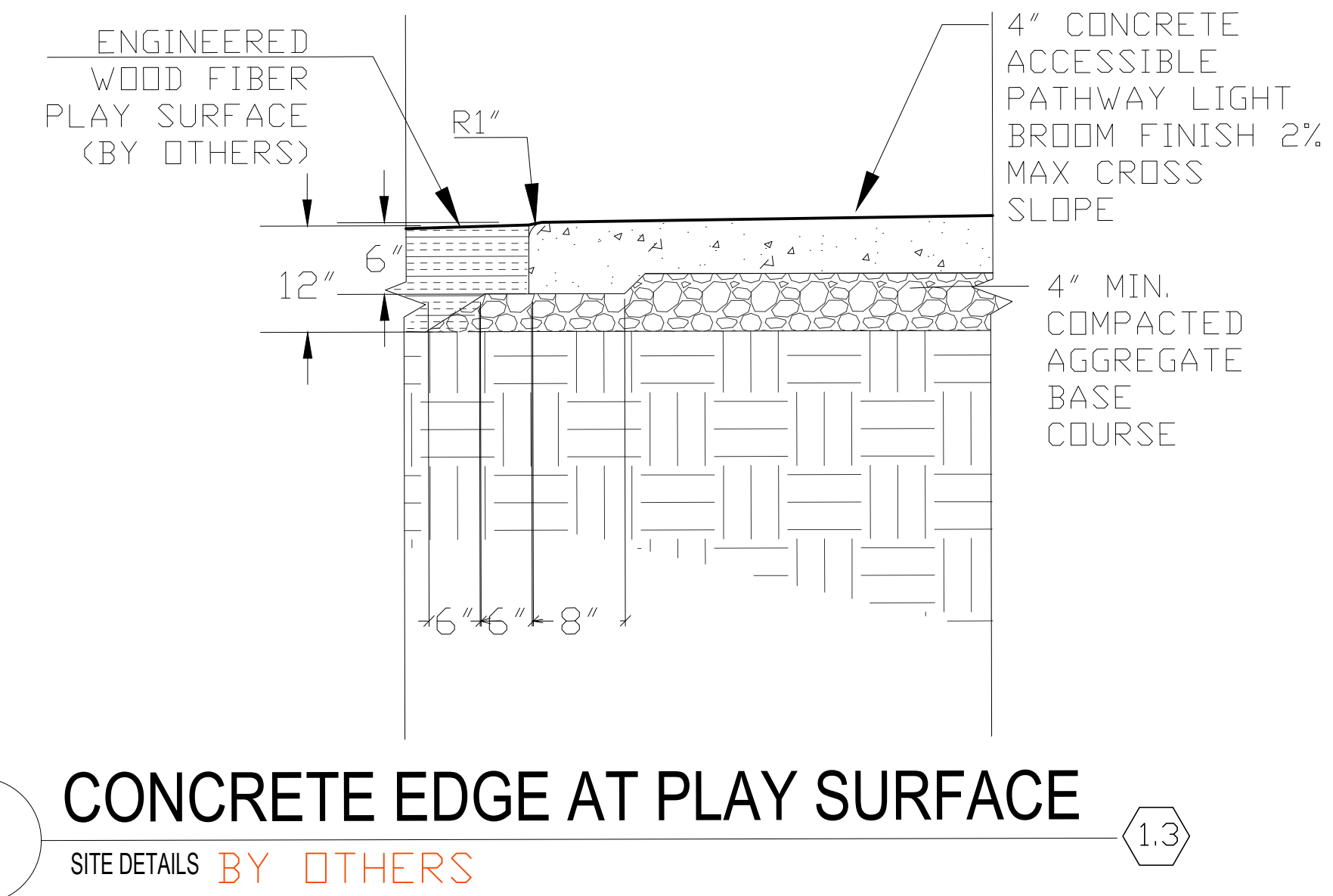
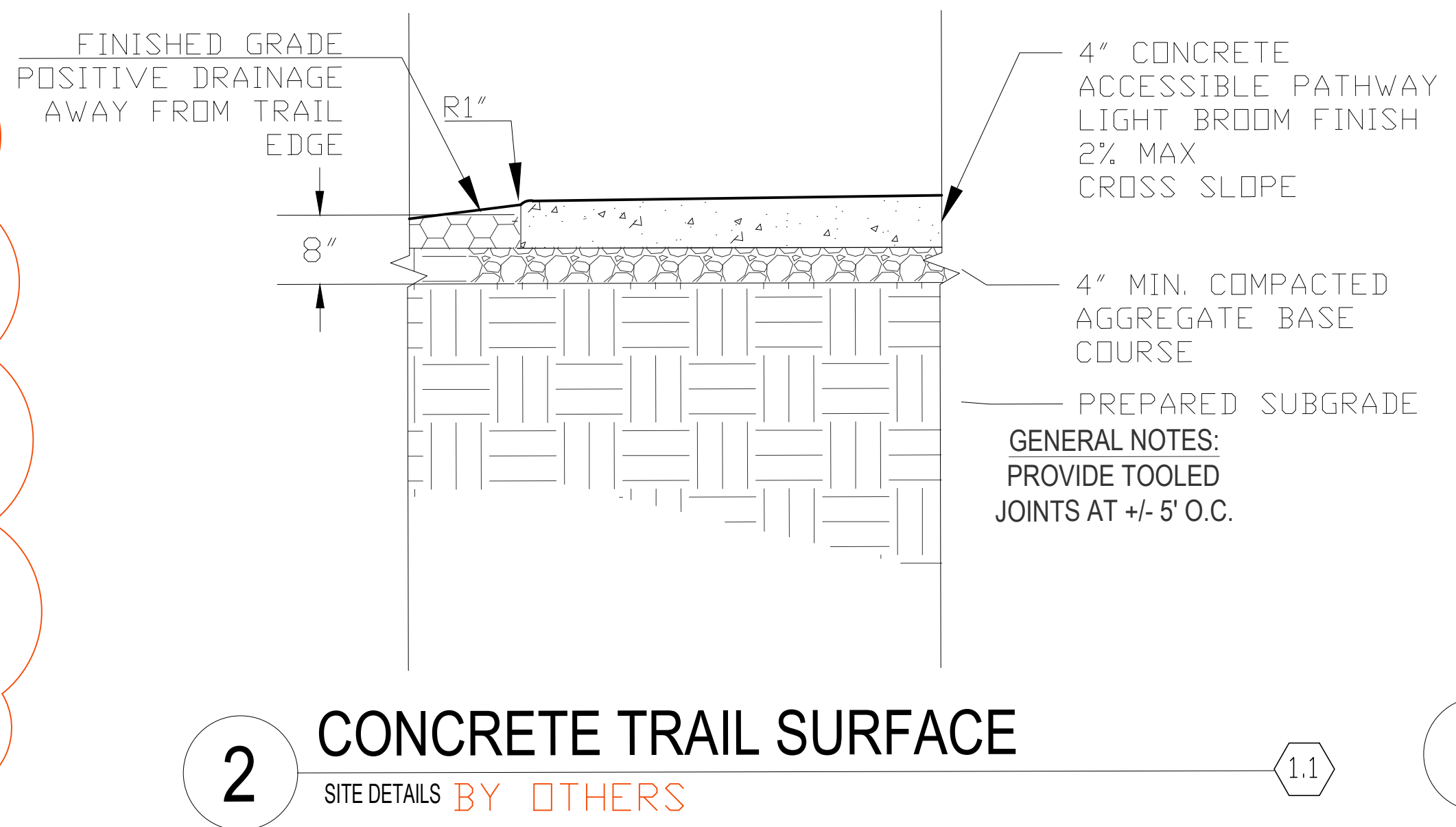
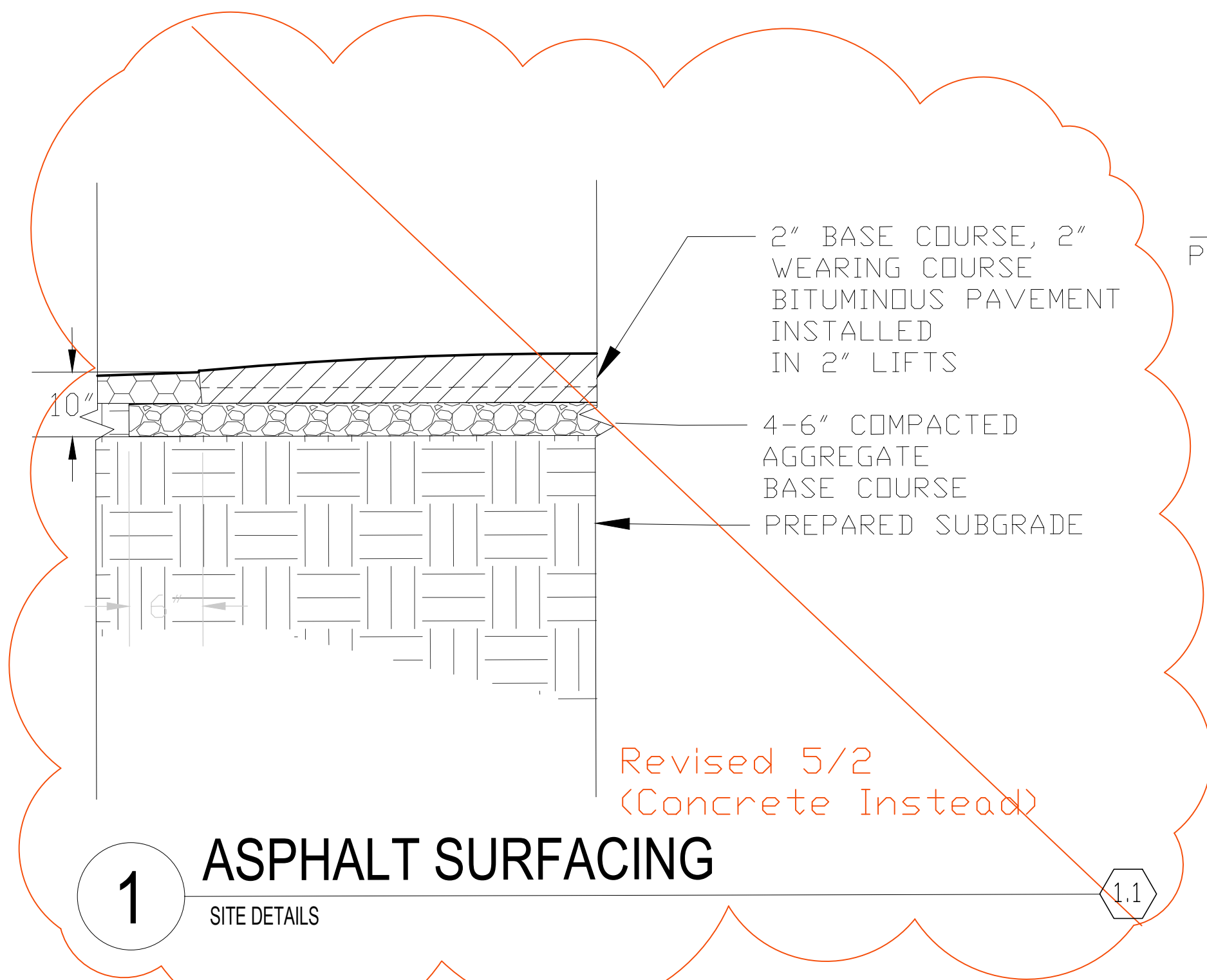


Trail Rollers BY OTHERS



3 PUMP TRACK TRAIL SECTION - ALT-1

4.3



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JULY 2023
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JUNE 2024

SITE DETAILS:
EDGING AND SURFACING

PROJ.#
005
TITLE
FORD RIVER PLAY

DRAWN BY: Jc

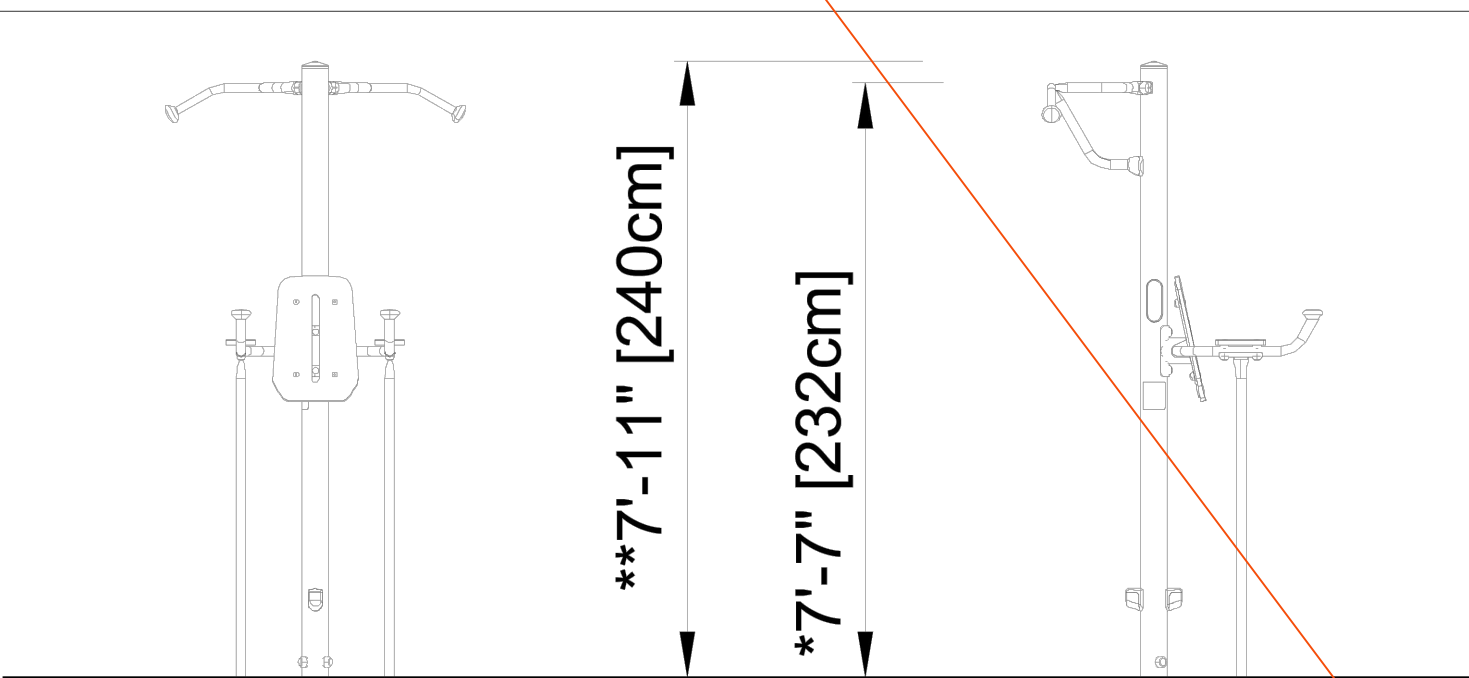
CHECK BY: Jc

la

L7-02

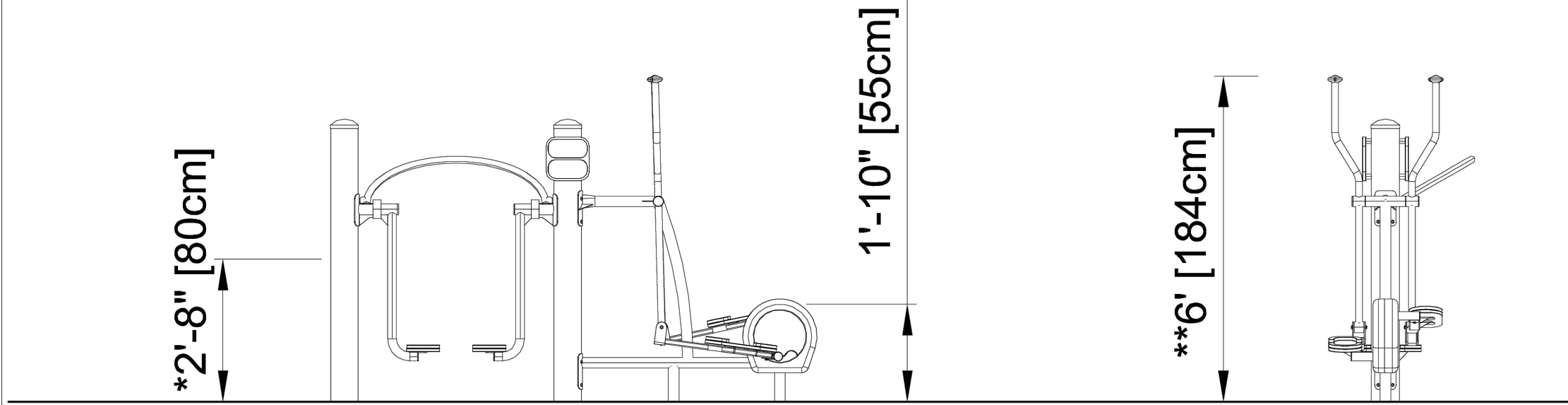
Leg Lift & Pull Up
FSW238

1 EXERCISE ITEM:
REMOVED FROM
PROJECT SCOPE



FSW23800
1:100

Free Runner & Cross Trainer
KPX225



KPX225-xx17
1:100

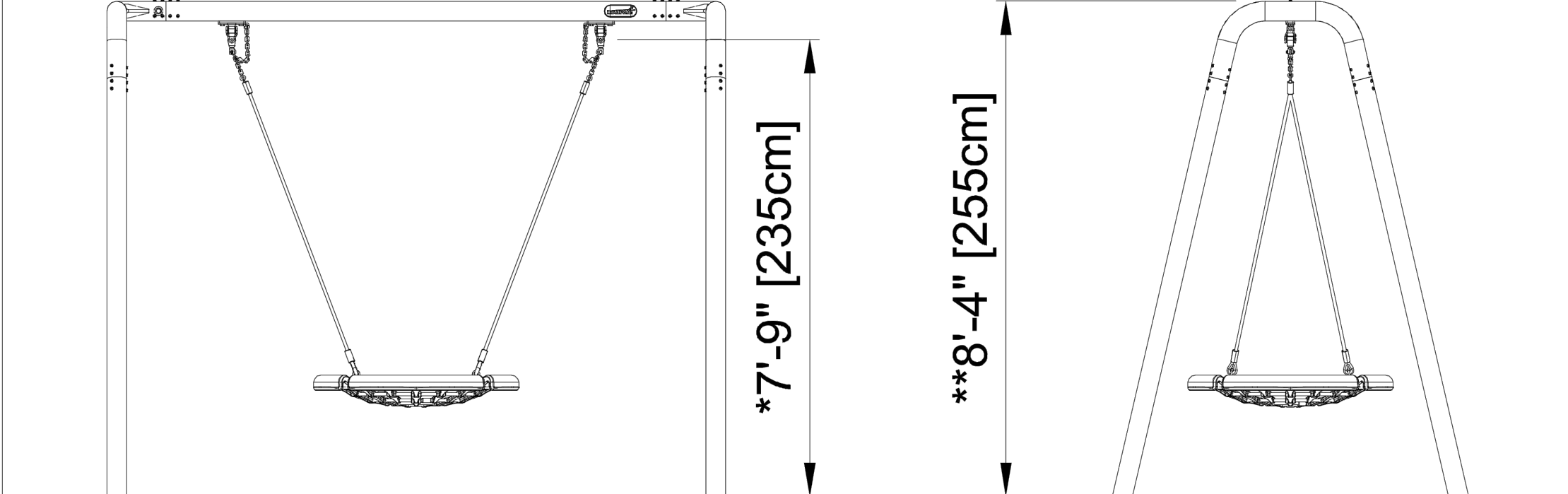
Swing, 8 ft H, 1 Rope Seat
KSW92008



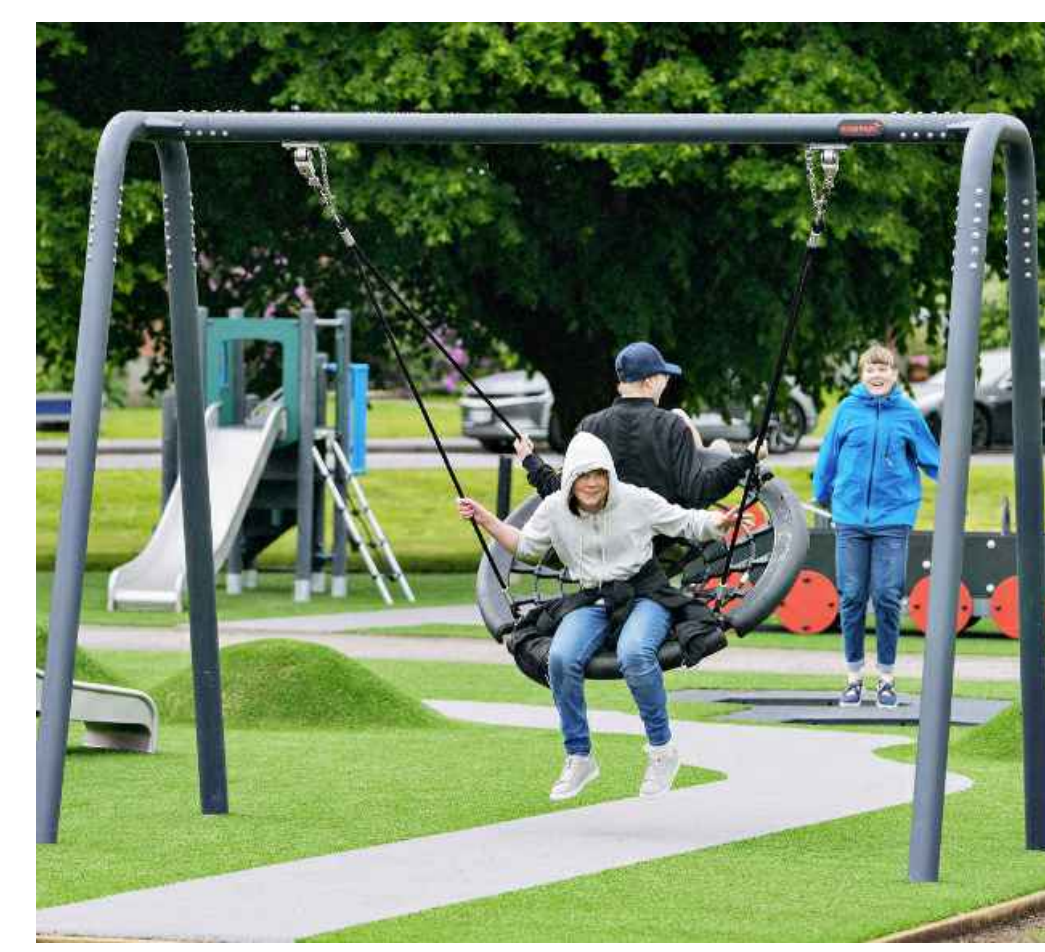
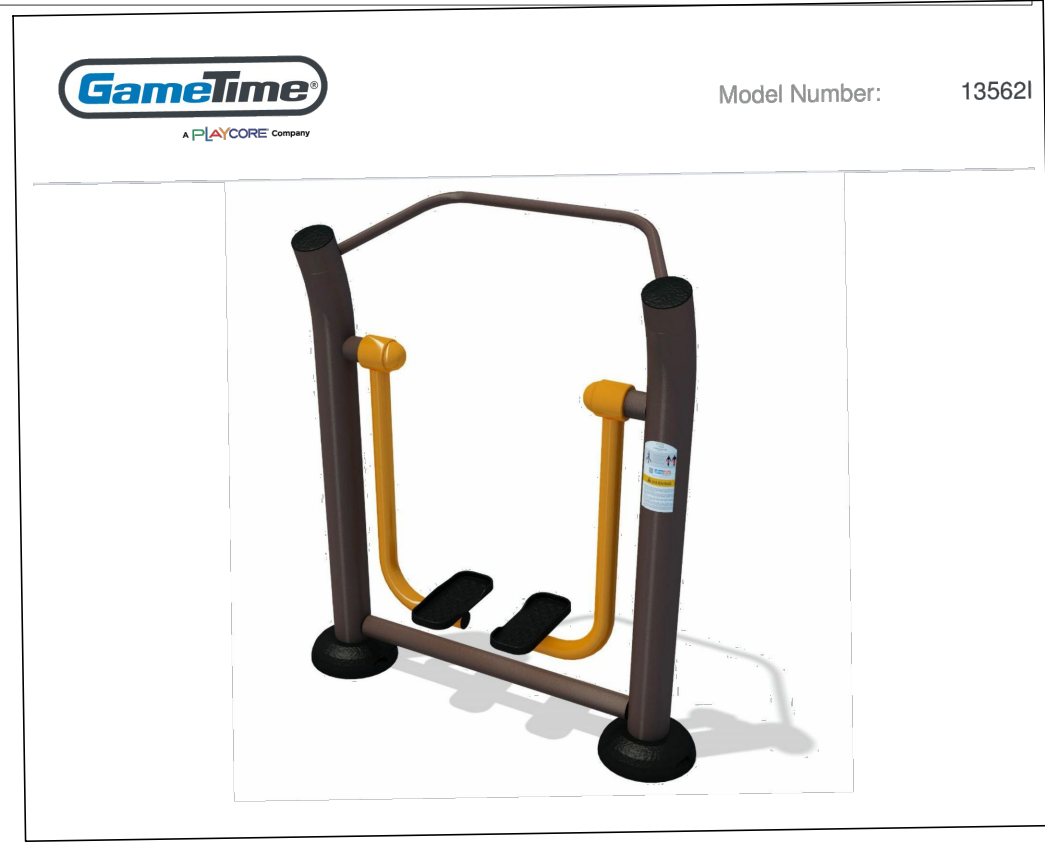
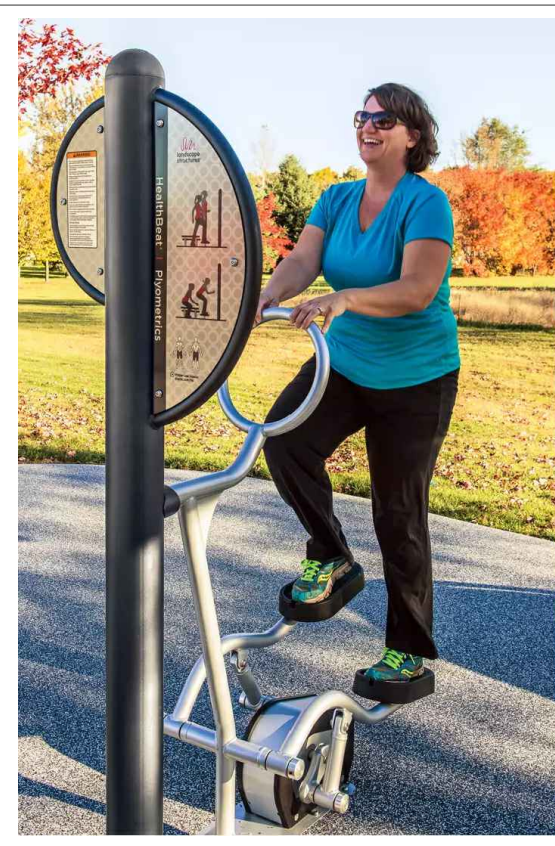
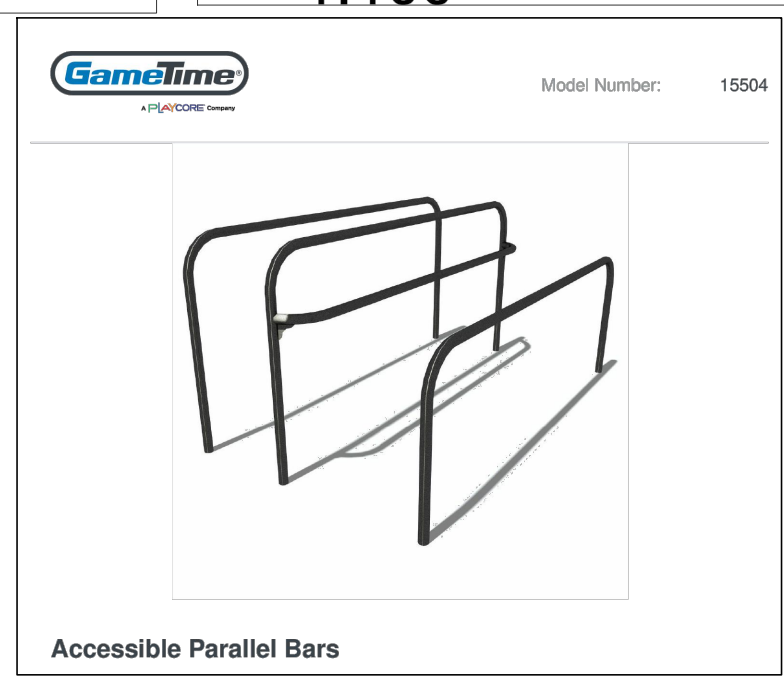
KOMPAN
Let's play

Item no. KSW92008-0910

General Product Information	
Dimensions LxWxH	10'6"x6'0"x8'4"
Age group	2 - 12
Play capacity (users)	6
Color options	●



KSW92008
1:100



1 EXERCISE 1
ACCESSIBLE EXERCISE FEATURE

4.2

2 EXERCISE 2-3
2 COMBINED EXERCISE FEATURES

4.3

3 MULTI-PERSON ACCESSIBLE SWING

4.4

CLIENT
Ford River
Township

ISSUE
JULY 2023
EDIT
JUNE 2024

SITE DETAILS:
PLAY
COMPONENTS

PROJ.#
005
TITLE
FORD RIVER PLAY

DRAWN
BY: JC

CHECK
BY: JC

la

L7-03