

ARCHITECTURE TMP ARCHITECTURE INC 1191 WEST SQUARE LAKE ROAD BLOOMFIELD HILLS · MICHIGAN · 48302 PH · 248.338.4561 FX · 248.338.0223 EM · INFO • TMP-ARCHITECTURE.COM Mitchell and Mouat architects was well as the contract of the

REGISTRATION SEAL



CONSULTANT



CONSULTING 3815 Plaza Drive Ann Arbor, Michigan 48108

(734) 995-0200 • www.midwesternconsulting.com Wireless Communications • Transportation • Landfill Services

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School

Washtenaw Intermediate **School District**

1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

TOPOGRAPHIC AND **BOUNDARY SURVEY**

ISSUE DATES

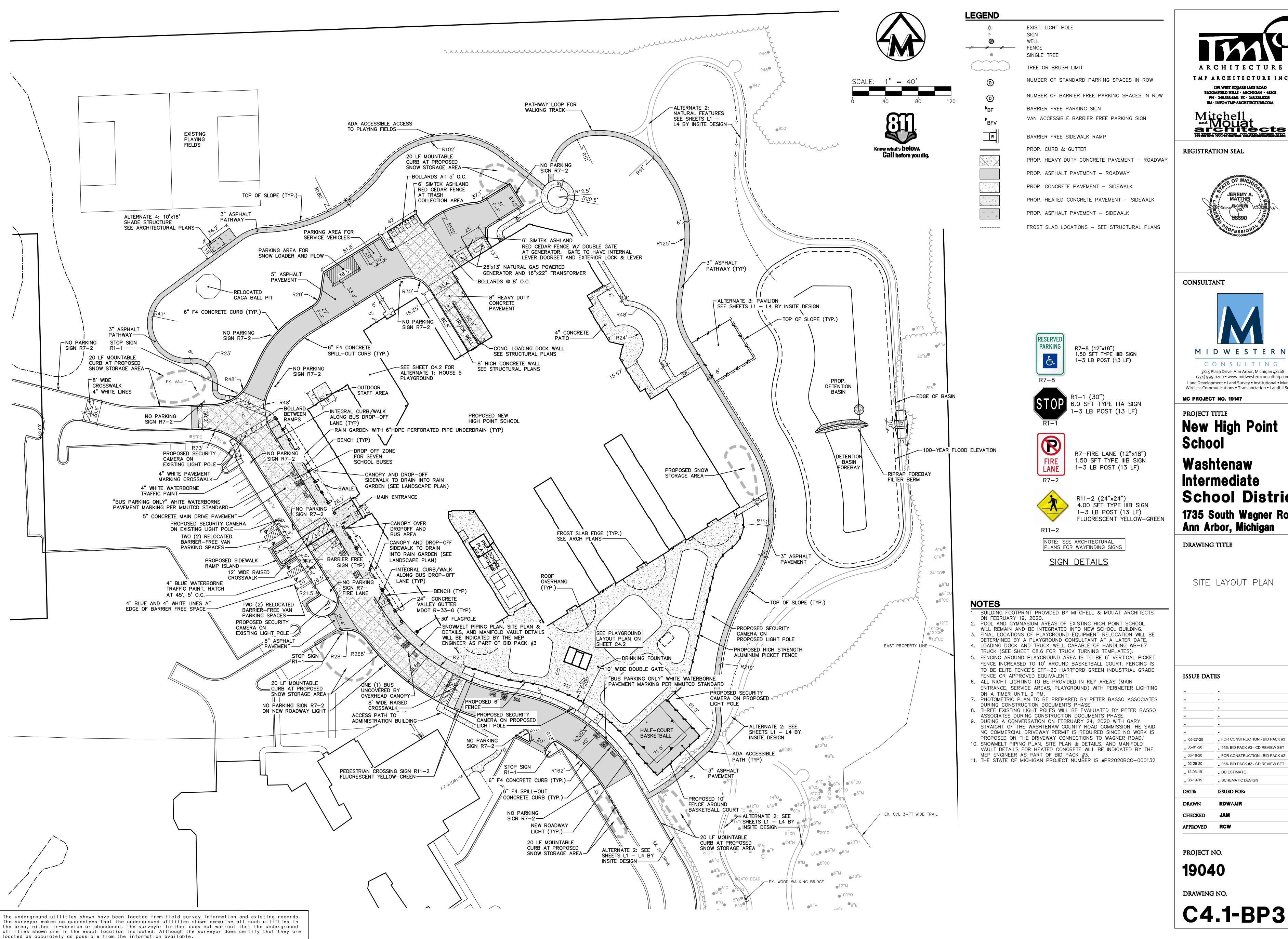
05-27-20 • FOR CONSTRUCTION - BID PACK #3 • 95% BID PACK #3 - CD REVIEW SET • FOR CONSTRUCTION - BID PACK #2R • 95% BID PACK #2 - CD REVIEW SET • BUILDING DEMOLITION - BID PACK #1 DD ESTIMATE • SCHEMATIC DESIGN DRAWN DAG CHECKED

PROJECT NO.

19040

DRAWING NO.

C1.1-BP3







CONSULTANT



3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate **School District**

1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

SITE LAYOUT PLAN

ISSUE DATES

FOR CONSTRUCTION - BID PACK #3 • 95% BID PACK #3 - CD REVIEW SET

• FOR CONSTRUCTION - BID PACK #2 • 95% BID PACK #2 - CD REVIEW SET DD ESTIMATE SCHEMATIC DESIGN

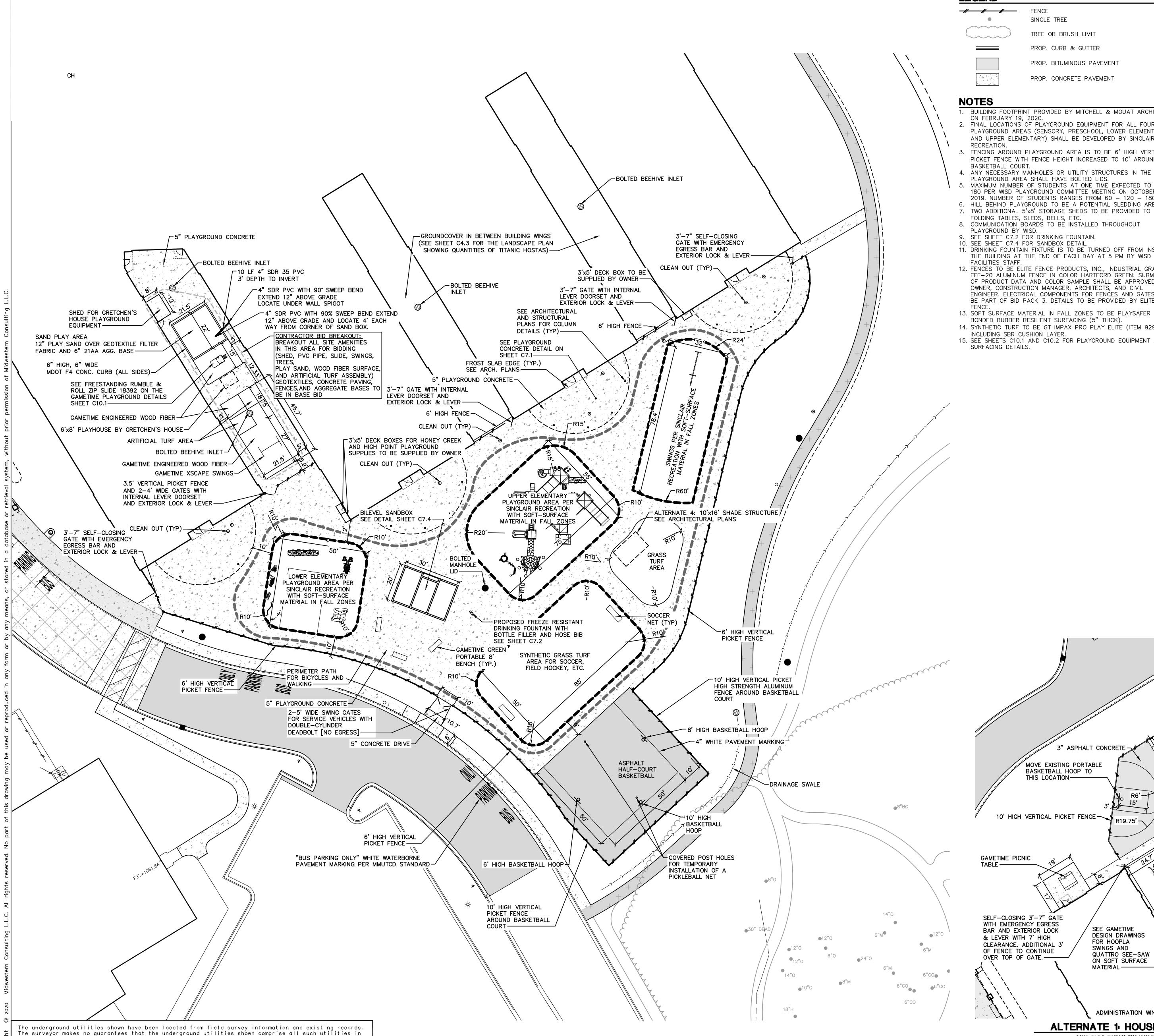
ISSUED FOR:

RDW/JJR

APPROVED RCW

DRAWING NO.

C4.1-BP3

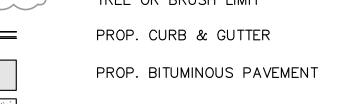


the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are

located as accurately as possible from the information available.

LEGEND

FENCE SINGLE TREE TREE OR BRUSH LIMIT PROP. CURB & GUTTER

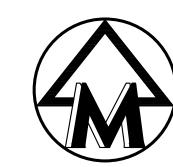


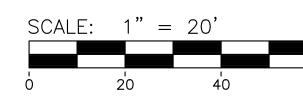


NOTES

. BUILDING FOOTPRINT PROVIDED BY MITCHELL & MOUAT ARCHITECTS

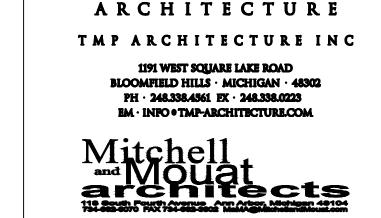
- ON FEBRUARY 19, 2020. 2. FINAL LOCATIONS OF PLAYGROUND EQUIPMENT FOR ALL FOUR PLAYGROUND AREAS (SENSORY, PRESCHOOL, LOWER ELEMENTARY, AND UPPER ELEMENTARY) SHALL BE DEVELOPED BY SINCLAIR
- 3. FENCING AROUND PLAYGROUND AREA IS TO BE 6' HIGH VERTICAL PICKET FENCE WITH FENCE HEIGHT INCREASED TO 10' AROUND BASKETBALL COURT.
- PLAYGROUND AREA SHALL HAVE BOLTED LIDS. 6. MAXIMUM NUMBER OF STUDENTS AT ONE TIME EXPECTED TO BE 180 PER WISD PLAYGROUND COMMITTEE MEETING ON OCTOBER 14,
- 2019. NUMBER OF STUDENTS RANGES FROM 60 120 180. 6. HILL BEHIND PLAYGROUND TO BE A POTENTIAL SLEDDING AREA. 7. TWO ADDITIONAL 5'x8' STORAGE SHEDS TO BE PROVIDED TO STORE
- FOLDING TABLES, SLEDS, BELLS, ETC. 8. COMMUNICATION BOARDS TO BE INSTALLED THROUGHOUT
- PLAYGROUND BY WISD. 9. SEE SHEET C7.2 FOR DRINKING FOUNTAIN.
- 10. SEE SHEET C7.4 FOR SANDBOX DETAIL. 11. DRINKING FOUNTAIN FIXTURE IS TO BE TURNED OFF FROM INSIDE THE BUILDING AT THE END OF EACH DAY AT 5 PM BY WISD FACILITIES STAFF.
- 12. FENCES TO BE ELITE FENCE PRODUCTS, INC., INDUSTRIAL GRADE EFF-20 ALUMINUM FENCE IN COLOR HARTFORD GREEN. SUBMITTALS OF PRODUCT DATA AND COLOR SAMPLE SHALL BE APPROVED BY OWNER, CONSTRUCTION MANAGER, ARCHITECTS, AND CIVIL ENGINEER. ELECTRICAL COMPONENTS FOR FENCES AND GATES TO BE PART OF BID PACK 3. DETAILS TO BE PROVIDED BY ELITE
- 13. SOFT SURFACE MATERIAL IN FALL ZONES TO BE PLAYSAFER
- BONDED RUBBER RESILIENT SURFACING (5" THICK). 14. SYNTHETIC TURF TO BE GT IMPAX PRO PLAY ELITE (ITEM 929), INCLUDING SBR CUSHION LAYER.
- 15. SEE SHEETS C10.1 AND C10.2 FOR PLAYGROUND EQUIPMENT AND SURFACING DETAILS.







Call before you dig.



REGISTRATION SEAL



CONSULTANT



3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate **School District** 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

PLAYGROUND LAYOUT PLAN

ISSUE DATES

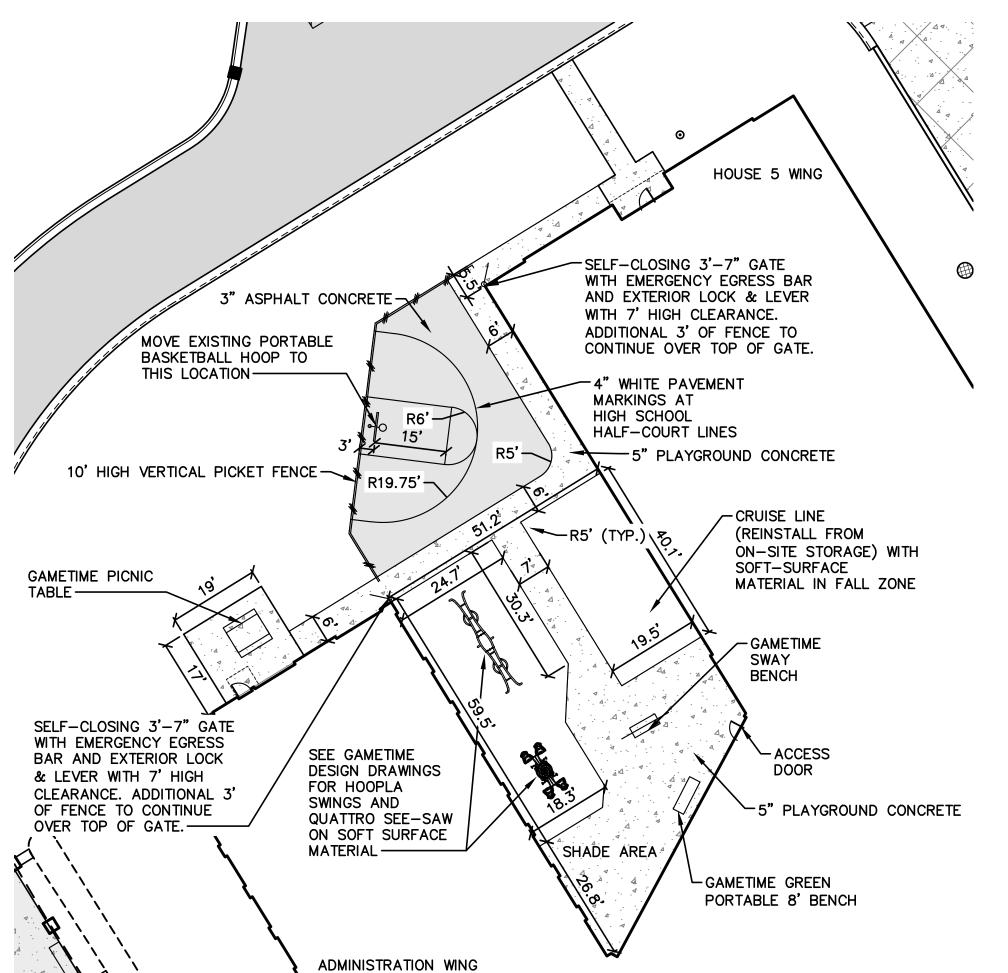
CHECKED	JAM
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
• 08-13-19	• SCHEMATIC DESIGN
12-06-19	• DD ESTIMATE
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SET
03-16-20	• FOR CONSTRUCTION - BID PACK #2
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SET
• 05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	<u> </u>
•	•
•	<u>•</u>
•	•
•	<u>•</u>

PROJECT NO.

APPROVED RCW

19040

DRAWING NO. C4.2-BP3



ALTERNATE 1. HOUSE 5 PLAYGROUND

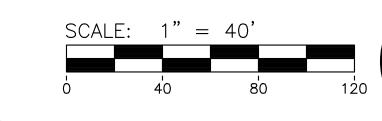
NOTE: THIS ALTERNATE WAS LISTED AS ALTERNATE 2 IN BID PACK #2



The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are

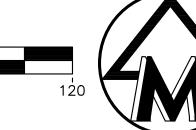
located as accurately as possible from the information available.





LEGEND

NOTES



EXIST. LIGHT POLE

TREE OR BRUSH LIMIT

PROP. CURB & GUTTER

DECIDUOUS ORNAMENTAL TREE

SMALL DECIDUOUS SHRUB

PROPOSED PERENNIAL/ GROUNDCOVER BED

STORMWATER SEED MIX

NATIVE PRAIRIE SEEDING

LAWN SEEDING

1. SEE DETAILED LANDSCAPE PLANS FOR ADDITIONAL

2. SEE DETAILED LANDSCAPE PLAN FOR LANDSCAPE NOTES,

DECIDUOUS TREE

SINGLE TREE

ARCHITECTURE TMP ARCHITECTURE INC BLOOMFIELD HILLS · MICHIGAN · 48302 PH · 248.338.4561 EX · 248.338.0223 EM · INFO • TMP-ARCHITECTURE.COM

REGISTRATION SEAL



CONSULTANT



3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate **School District** 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

LANDSCAPE PLAN

PLANT SCHEDULE

Quantity	Symbol	Botanical Name	Common Name	Size	Spacing	Root	Remarks
Deciduou							
6	AL	Amelanchier laevis 'Snowflakes'	Snowflakes Smooth Serviceberry	2" cal.	As specified	B&B	Multistem
2	CC	Carpinus caroliniana	American Hornbeam	2" cal.	As specified	B&B	
5	СО	Celtis occidentalis	Northern Hackberry	2" cal.	As specified	B&B	
6	LT	Liriodendron tulipifera	Tulip Tree	2" cal.	As specified	B&B	
7	TC	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	2" cal.	As specified	B&B	
5	ZS	Zelkova serrata 'Village Green'	Village Green Zelkova	2" cal.	As specified	B&B	
Deciduou					,		
17	AG	Abelia grandiflora 'Funshine'	Funshine Abelia	24-36" ht	3-4' o.c.	#5 Cont.	
22	CA	Clethra alnifolia 'Sugartina'	Sugartina Summersweet	24-36" ht	†	#5 Cont.	
37	cs	Cornus sanguinea 'Arctic Sun'	Arctic Sun Dogwood	24-36" ht		#5 Cont.	
26	HV	Hamamelis virginiana	Witch Hazel	24-36" ht		#5 Cont.	
6	РО	Physcocarpus opulifolius 'Diablo'	Diablo Ninebark	24-36" ht	8' o.c.	#5 Cont.	
37	PT	Physocarpus opulifolius 'Tiny Wine'	Tiny Wine Ninebark	24-36" ht	4-5' o.c.	#5 Cont.	
20	SJ	Spiraea japonica 'Magic Carpet'	Magic Carpet Spirea	24-36" ht	1	#5 Cont.	
38	WF	Weigela florida 'Fine Wine'	Fine Wine Weigela	24-36" ht	3-5' o.c.	#5 Cont.	
		nnials / Groundcovers	This tring tring to	2100 110	0 0 0.0.	## GOIIII	
78	AC	Aquilegia canadensis	Columbine		18" o.c.	#1 Cont	
282	СР	Carex pensylvanica	Pennsylvania Sedge		18" o.c.	#1 Cont	
231	CV	Carex vulpinoidea	Fox Sedge		18" o.c.	#1 Cont	
14	CD	Coreopsis 'Desert Coral'	Desert Coral Tickseed		18" o.c.	#1 Cont	
138	GM	Geranium maculatum	Wild Geranium		18" o.c.	#1 Cont	
105	GR	Geranium 'Rozanne'	Rozanne Geranium		24" o.c.	#1 Cont	
98	HH	Hemerocallis 'Happy Returns'	Happy Returns Daylily		24" o.c.	#1 Cont	
129	HC	Hosta 'Cool as a Cucumber'	Cool as a Cucumber Hosta		24" o.c.	#1 Cont	
522	HT	Hosta 'Titanic'	Titanic Hosta		36" o.c.	#1 Cont	
14	LS	Liatris spicata	Blazing Star		18" o.c.	#1 Cont	
23	LB	Ligularia 'Brit-Marie Crawford'	Brit-Marie Crawford Leopard Plant		36" o.c.	#1 Cont	
1354	LSp	Liriope spicata	Creeping Lilyturf		18" o.c.	#1 Cont	
580	LM	Liriope muscari	Lilyturf		18" o.c.	#1 Cont	
4	PV	Panicum virgatum 'Shenandoah'	Shenandoah Switchgrass		36" o.c.	#1 Cont	
391	RA	Rhus aromatica 'Gro-Lo'	Gro-Lo Fragrant Sumac		36" o.c.	#1 Cont	
63	RH	Rudbeckia hirta	Brown-Eyed Susan		24" o.c.	#1 Cont	
69	SS	Schizachyrium scoparium	Little Bluestem		36" o.c.	#1 Cont	

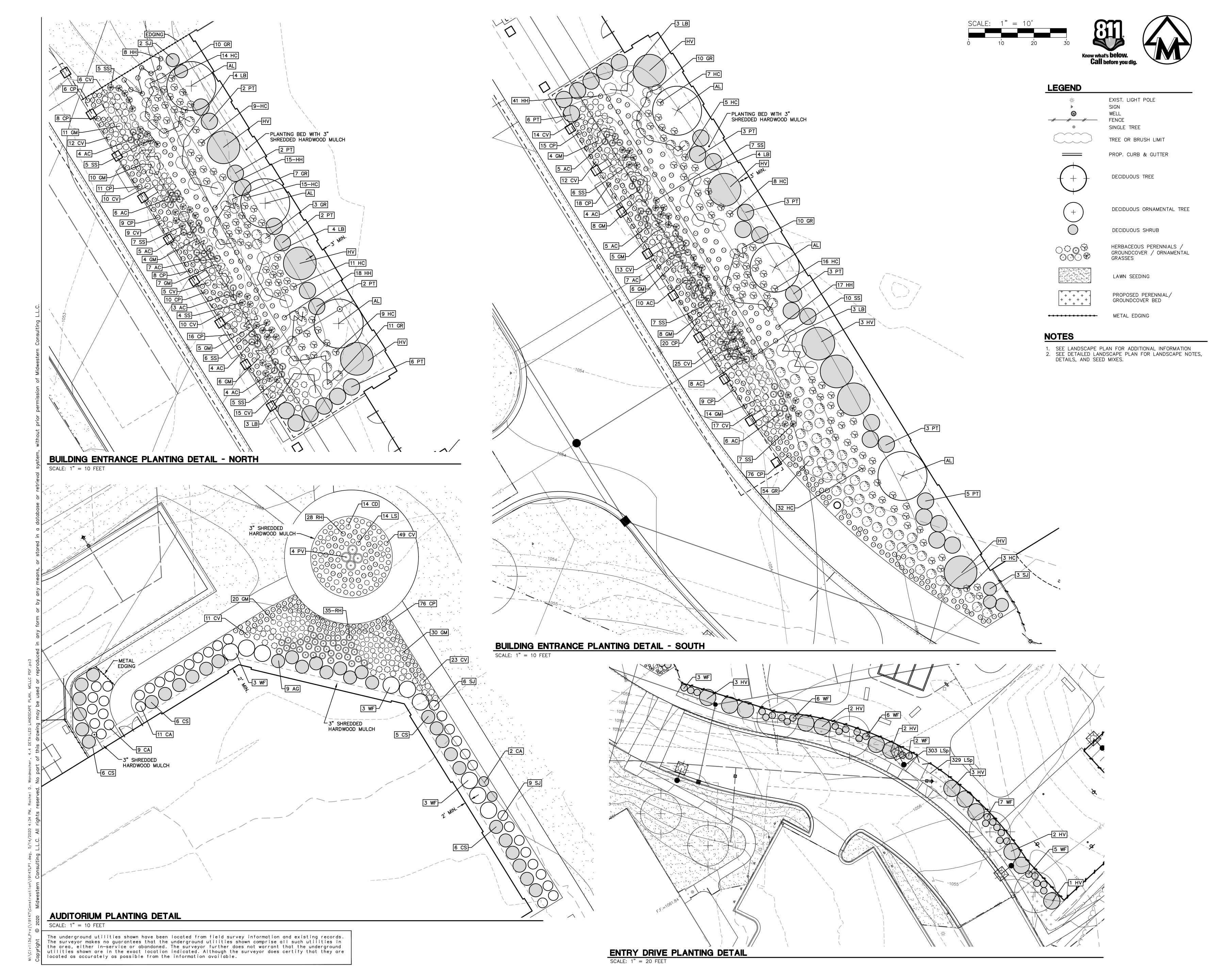
ISSUE DATES • FOR CONSTRUCTION - BID PACK #3 FOR CONSTRUCTION - BID PACK #2 • 95% BID PACK #2 - CD REVIEW SET • SCHEMATIC DESIGN

RDW/JJR/EDI/TRF APPROVED RCW

PROJECT NO. 19040

DRAWING NO.

C4.3-BP3



ARCHITECTURE

TMPARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD
BLOOMFIELD HILLS · MICHIGAN · 48302
PH · 248.338.4361 FX · 248.338.0223
EM · INFO • TMP-ARCHITECTURE.COM

Mitchell
and Mouat

ARCHITECTURE

1121 SEC 5075 PAXY 527 SEC 25.05 MARKETARERI 487104

1121 SEC 5075 PAXY 527 SEC 25.05 MARKETARERI 487104

REGISTRATION SEAL



CONSULTANT



Land Development • Land Survey • Institutional • Municipal Wireless Communications • Transportation • Landfill Services

MC PROJECT NO. 19147

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate School District 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

DETAILED LANDSCAPE PLAN

ISSUE DA	ΓES
•	•
•	•
•	•
•	<u>•</u>
•	<u>•</u>
•	_ •
•	•
• 05-27-20	• FOR CONSTRUCTION - BID PACK #3
• 03-16-20	• FOR CONSTRUCTION - BID PACK #2
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SET
12-06-19	• DD ESTIMATE
08-13-19	• SCHEMATIC DESIGN
DATE:	ISSUED FOR:
DRAWN	RDW/JJR/EDI/TRF
CHECKED	JAM/TRF

PROJECT NO.

APPROVED RCW

19040

DRAWING NO.

C4.4-BP3

SOURCE: INSITE DESIGN STUDIO Rate per Acre Botanical Name Common Name Allium cernuum Nodding Wild Onion 6 oz. 1 lb. Andropogon gerardi Big Bluestem Anenome cylindrica Thim bleweed 2 oz. Wild Columbine Aquilegia canadensis Swamp milkweed 2 oz. Asclepias incarnata Butterflyweed 2 oz. Asclepias tuberosa Aster laevis Smooth Aster Calico Aster 2 oz. Aster lateriflorus Aster novae-angliae 5 oz. New England Aster 5 oz. Bidens sp. 8 oz. Calamagrostis canadensis Blue joint grass Carex vulpinoidea Fox sedge Wild Senna 5 oz. Cassia hebecarpa Tall Coreopsis Coreopsis tripteris Showy (Canada) Tick-Trefoil 3 oz. Desmodium canadense Elymus virginicus Virginia wild rye

Spotted Joe-Pye Weed Eupatorium maculatum Eupatorium perfoliatum Fragaria virginiana Wild Strawberry Biennial Gaura Gaura biennis Helianthus grosseserratus Sawtooth Sunflower False (Early/Ox Eye) Sunflower 2 oz. Heliopsis helianthoides Lespedeza capitata Roundheaded Bush Clover 3 oz. Liatris spicata Dense Blazingstar Monarda fistulosa Beebalm Oenothera biennis Evening Primrose .5 oz. Switch Grass Panicum virgatum Penstemon digitalis Foxglove Beardtongue Old Field Cinquefoil Potentilla simplex Ratibida pinnata Yellow Coneflower Rudbeckia lacinata

Cut-leaf coneflower Black-Eyed Susan 4 oz. Rudbekia hirta Silphium terebinthinaceum Prairie Dock Solidago ohiensis Ohio Goldenrod Stiff Goldenrod Solidago rigida

Sorgastrum nutans Indian Grass Trandescantia ohiensis Verbena hastata Blue Vervain Verbena stricta Hoary Vervain Vernonia missurica Missouri Ironweed

Erosion Control

Botanical Name

Elymus canadensis

Avena sativa

Rate per Acre Lolium multiflorum

Common Name

Canada Wild Rye

Seed Oats

Rate per Acre

32 lb

STORMWATER SEED MIX



An economical mix specifically designed to withstand the low water quality and highly variable condtions associated with stormwater features. Approximately half of the species are salt tolerant and most species will do well in mesic to wet hydrology with others filling in the wettest and driest ends of the spectrum. The high native seed count and heavy annual nurse crop in this mix ensure full and aggressive establishment in a wide range of site conditions.

Stormwater Mix

Total Seeding Rate: 34 lbs per acre 2.5 lbs grasses • 1.5 lbs forbs • 30 lbs nurse crop 101 native seeds per sq ft

Call, email or visit our website for pricing.

Grasses, Sedges & Rushes	PL	S Oz/acre	Seeds/so
Andropogon gerardii	Big Bluestem	4.00	0
Carex bebbii	Bebb's oval sedge	1.75	1.
Carex vulpinoidea	Fox Sedge	2.00	4
Eleocharis palustris	Great Spike Rush	1.00	1
Elymus virginicus	Virginia Wild Rye	17.00	1
Juncus effusus	Soft Rush	0.50	11
Juncus tenuis	Path Rush	0.50	11
Juncus torreyi	Torrey's Rush	0.25	9
Panicum virgatum	Switchgrass	7.00	2
Scirpus pungens (S. americanus)	Three square Rush	1.00	2
Scirpus validus (S. tabernaemontanii)	Soft-stem Bulrush	1.00	0
Sorghastrum nutans	Indian Grass	4.00	1
	Total Grasses	40.00	48
Forbs	PL	S Oz/acre	Seeds/se
Alisma subcordatum	Common Water Plantain	2.00	2
Asclepias incarnata	Swamp Milkweed	1.00	0
Aster novae-angliae	New England Aster	0.25	0
Aster umbellatus (Doellingeria u.)	Flat-topped Aster	0.25	0
Bidens cernua	Nodding Bur Marigold	1.00	0
Echinacea purpurea	Purple Coneflower	4.00	0
Helenium autumnale	Sneezeweed	0.75	2
Liatris spicata	Marsh Blazingstar	1.25	0.
Lycopus americanus	Water Horehound	0.50	1.
Mimulus ringens	Monkey Flower	0.25	13
Monarda fistulosa	Wild Bergamot	0.50	0.
Oenothera biennis	Common Evening Primrose	1.00	2
Penthorum sedoides	Ditch Stonecrop	0.50	14
Physostegia virginiana	Obedient Plant	0.50	0
Polygonum pensylvanicum (Persicaria p.)	Pennsylvania Smartweed	2.75	0
Rudbeckia hirta	Black-eyed Susan	2.50	5
Verbena hastata	Blue Vervain	2.50	5
Zizia aurea	Golden Alexander	2.50	0.
	Total Forb	24.00	51.
Temporary Grass Cover		Oz/acre	Seeds/so
Lolium multiflorum	Annual Ryegrass	112.00	34
Avena sativa	Seed Oats	368.00	8
	Total Temp Grasses	480.00	43.

LANDSCAPE NOTES

- 1. For any plant quantity discrepancies between the plan view and the plant schedules, the plant schedule shall take precedence. 2. Plant materials shall be selected and installed in accordance with standards established
- by Scio Township. 3. Water outlets shall be provided within 150 feet of all building foundation planting beds.
- 4. All diseased, damaged or dead material shown on the site plan as proposed plantings shall be replaced by the end of the growing season. 5. Topsoil and compost shall meet 2012 MDOT specifications for Topsoil and Compost.
- 6. Restore all disturbed areas with a minimum of four (4) inches of topsoil and then seed/ fertilize/mulch unless otherwise specified. 7. All disturbed areas not to be seeded with seed mixes identified on the Landscape Plan

shall be lawn areas. Lawn seed mix shall meet species composition requirements of

- Michigan Department of Transportation THM Seed Mix (Turf loamy to heavy). Seed shall be installed and stabilized per MDOT 2012 specifications. 8. After the first growing season, only fertilizers that contain NO phosphorus shall be used on 9. Detention basin bottom and slopes to elevation 1039 shall be seeded with Stormwater Seed Mix from Native Connections, or equivalent as approved by landscape architect.
- Prairie seeding area from elevation of 1039 of detention basin and as shown on the Landscape Plan shall be seeded with the Prairie Seed Mix as identified on the landscape detail plans. Substitutions shall be approved by the landscape architect. 10. Temporary cover crop shall be included with all seed mixes. Seeding rates and installation techniques shall be confirmed with supplier. 11. All seeded areas with slopes less than 1:5 (one vertical foot for every 3 horizontal feet) shall be mulched with straw mulch at the rate of two (2) bales per 1,000 square feet. All
- seeded areas with slopes greater than 1:5 shall be seeded and biodegradable erosion control blanket North American Green S150, 100% biodegradable, jute netted or approved substitution, shall be applied with biodegradable stakes. 12. Deciduous plants shall be planted between March 1 and May 15 and from October 1 until the prepared soil becomes frozen. Evergreen plants shall be planted between March 1
- and June 1 and from August 15 to September 15 13. Native seeding areas shall be seeded after April 1, (when soil is free of frost and in workable condition), but before June 15 or after October 1, but before November 30 (or prior to ground freezing) or as approved by Landscape Architect or guaranteed by the

supplier. If seeding is performed outside planting window, contractor shall place temporary erosion control seeding immediately following completion of final grades and permanent

14. All compacted subgrade soils in proposed landscape beds shall be tilled to a minimum 12-

- inch depth prior to placement of a minimum of 6" topsoil, geotextile fabric, or other planting 15. Mixed perennial / shrub and ground cover planting beds are to receive three (3) inches of
- double shredded hardwood bark mulch unless otherwise specified on the Landscape

seeding shall be performed during specified planting window.

16. All trees to be located a minimum of 10 feet from public utilities. 17. All single trunk, deciduous trees shall have a straight and a symmetrical crown with a central leader. One sided trees or those with thin or open crowns shall not be accepted. 18. Proposed trees will be planted a minimum of 10 feet apart. 19. See specifications for additional materials and warranty requirements.

PROP. CURB & GUTTER



REGISTRATION SEAL



ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD

BLOOMFIELD HILLS · MICHIGAN · 48302

PH · 248.338.4561 FX · 248.338.0223

EM · INFO • TMP-ARCHITECTURE.COM

Mouat

CONSULTING 3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School **Washtenaw**

Intermediate **School District** 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

DETAILED LANDSCAPE PLAN

ISSUE DATES

05-27-20 FOR CONSTRUCTION - BID PACK #3 FOR CONSTRUCTION - BID PACK #2 02-26-20 • 95% BID PACK #2 - CD REVIEW SET 12-06-19 DD ESTIMATE

> SCHEMATIC DESIGN **ISSUED FOR:**

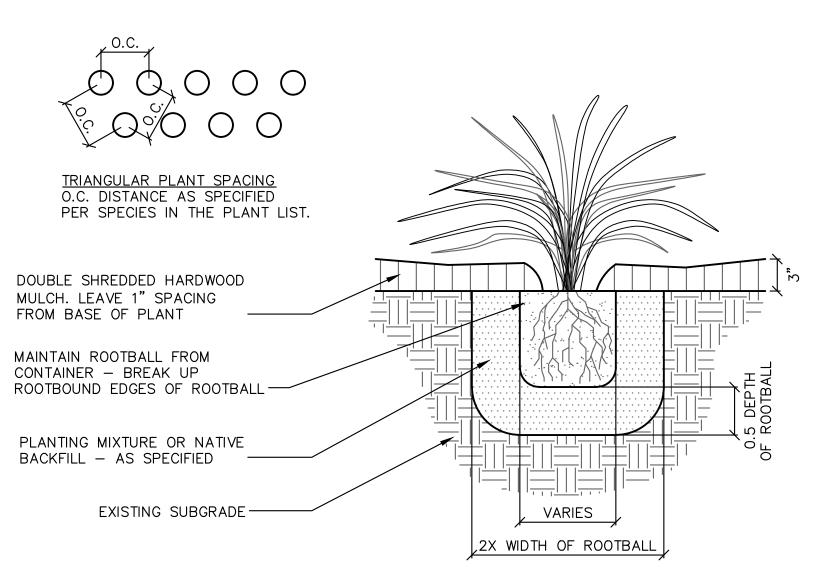
RDW/JJR/EDI/TRF

APPROVED RCW

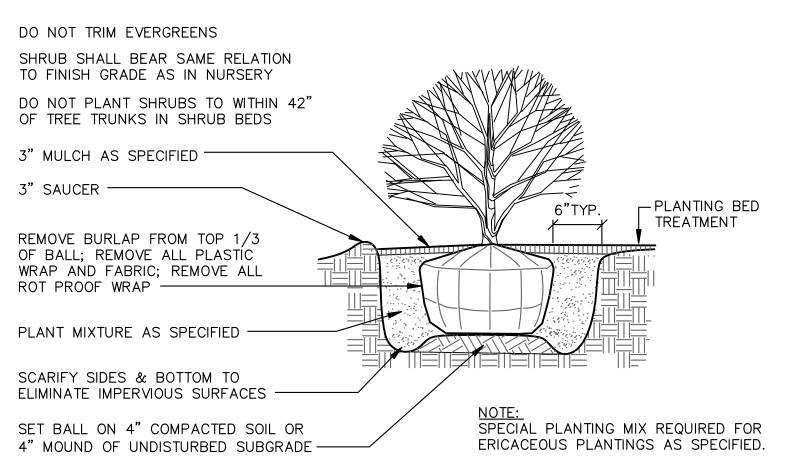
19040

PROJECT NO.

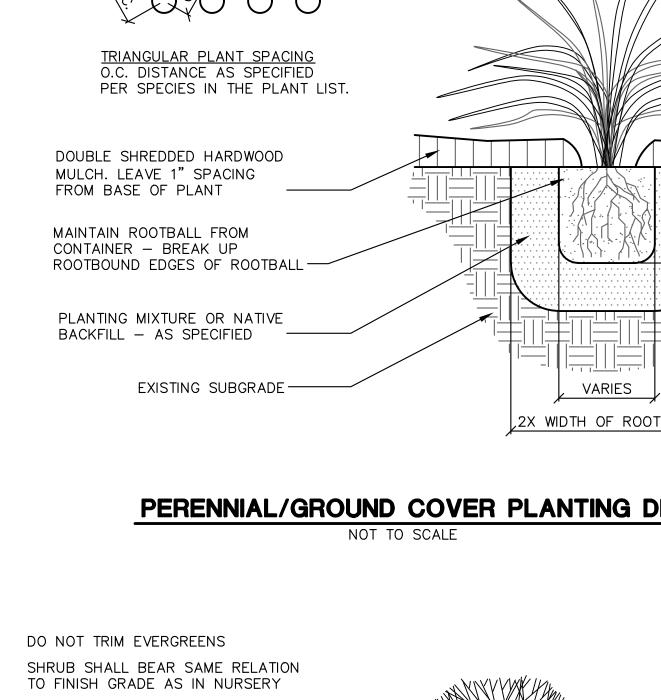
DRAWING NO.

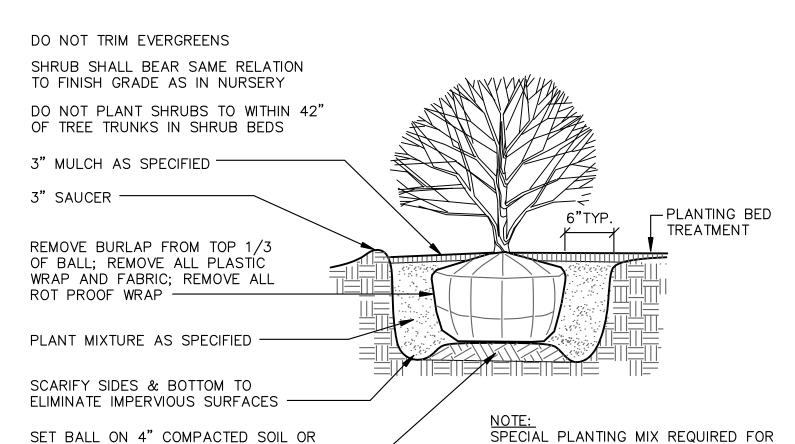


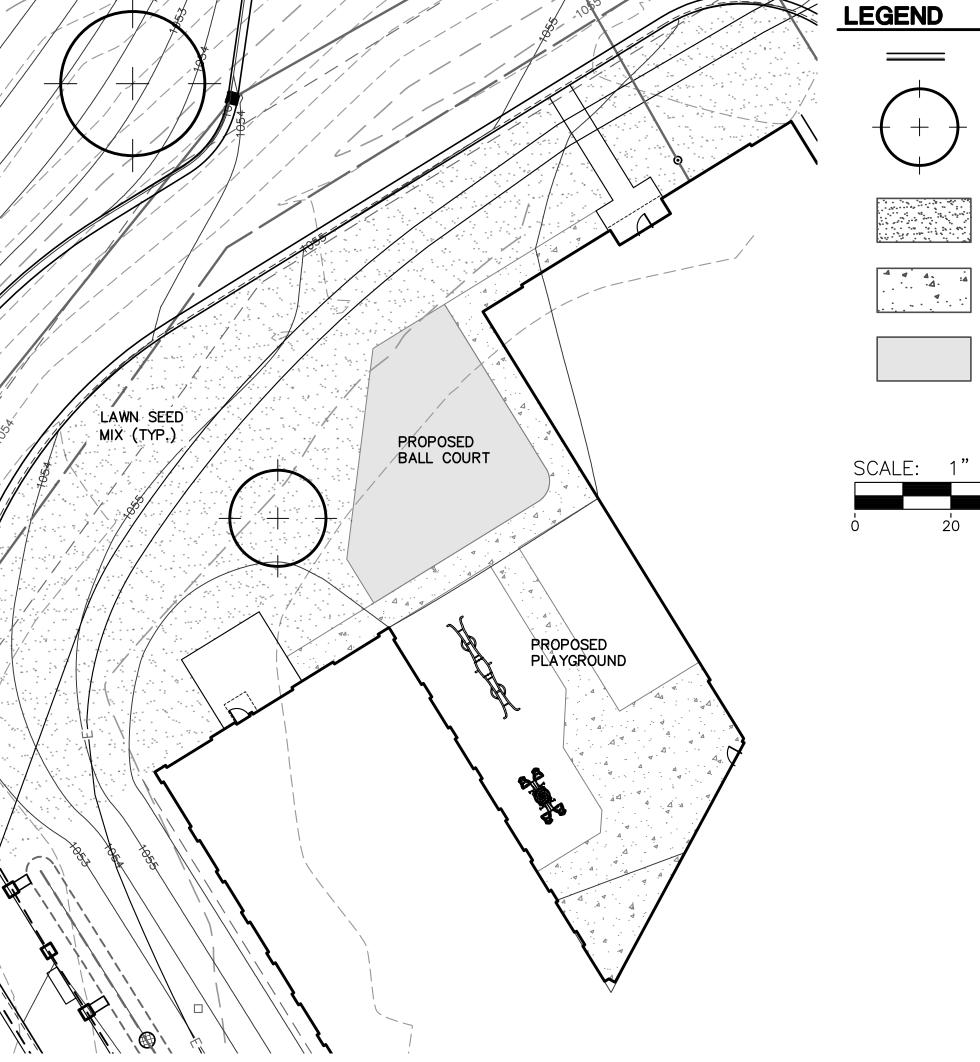
PERENNIAL/GROUND COVER PLANTING DETAIL



SHRUB PLANTING DETAIL

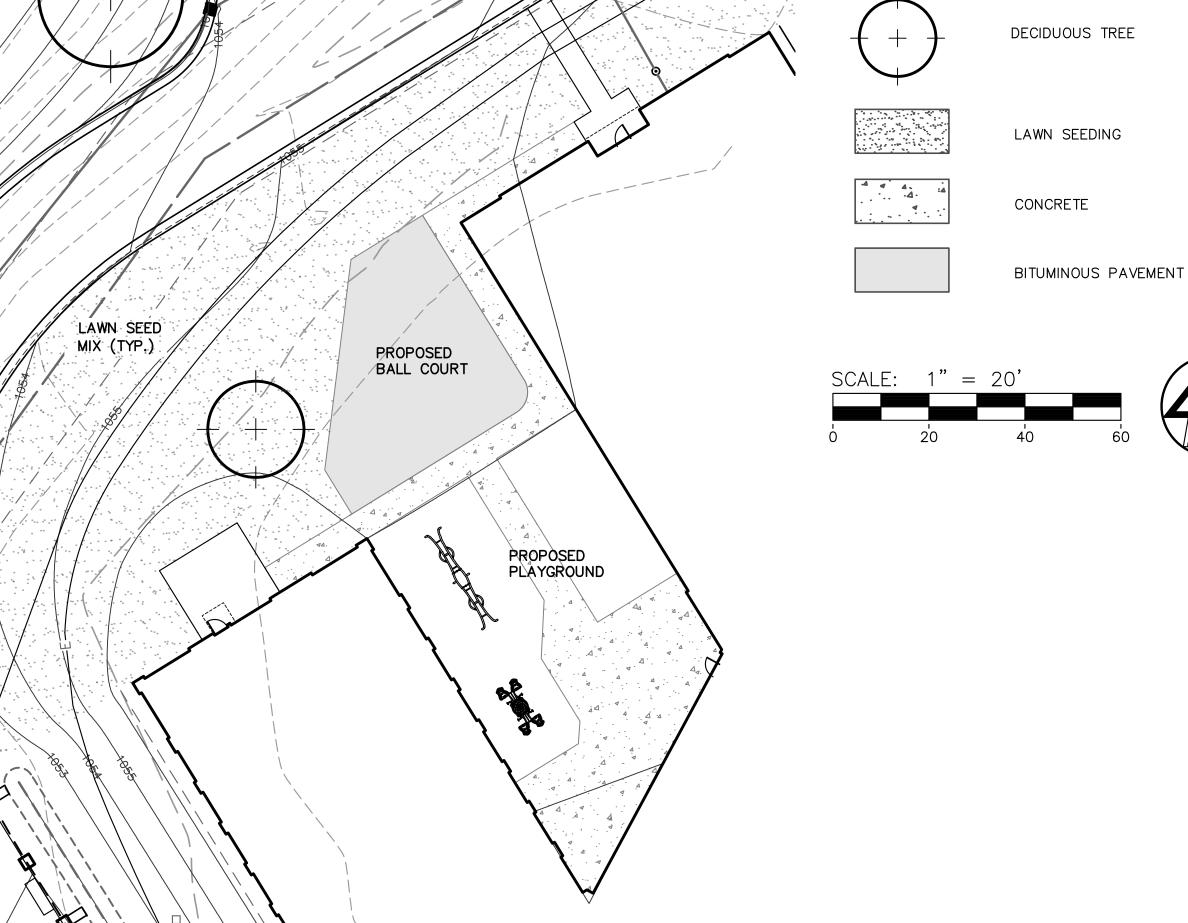






PLAYGROUND ALTERNATE PLANTING DETAIL

SCALE: 1" = 20 FEET



The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are located as accurately as possible from the information available.

DECIDUOUS TREE PLANTING DETAIL

2-1/2" CAL. OR SMALLER

NOT TO SCALE

- DO NOT CUT LEADER

1. PRUNE 20% OF BRANCHES RETAINING

NORMAL PLANT SHAPE.

RELATION TO FINISH

STAKING IS ONLY

BE STAKED, THE

STAKED SHALL BE REMOVED IN ONE YEAR

2 PLY REINFORCED RUBBER

HOSE POSITIONED DIRECTLY

ABOVE FIRST BRANCH

TREE SHALL BEAR SAME

GRADE AS IN NURSERY.

REQUIRED IF THE SITE

IS WINDY OR THE TREES ARE GREATER THAT 3" CALIPER. IF TREES MUST

MATERIALS TO BE FLUSH WITH THE TOP OF EDGING

PROPOSED LAWN AREA-

ALUMINUM EDGING W/

12 1/2" STAKES 4' ON CENTER, BLACK ---

PROPOSED LANDSCAPE BED-

NOTE: REMOVE STAKING/GUYING

2"x2" HARDWOOD-TREE STAKE

2" to 3" WIDE NYLON

OR PLASTIC BELTS

TREE STAKES-3 PER

4" MULCH, AS SPECIFIED ---

REMOVE BURLAP FROM TOP

1/3 OF BALL; REMOVE ALL

FABRIC: REMOVE ALL ROT

POSTS TO EXTEND 18" BELOW

TREE PIT INTO UNDISTURBED

SCARIFY SIDES & BOTTOM TO

ELIMINATE IMPERVIOUS SURFACES;

BACKFILL WITH PLANTING MIXTURE,

SET BALL ON 4" COMPACTED SOIL OR

TREE, 120° APART —

PLASTIC WRAP AND

PROOF WRAP

3" SAUCER

GROUND —

AS SPECIFIED —

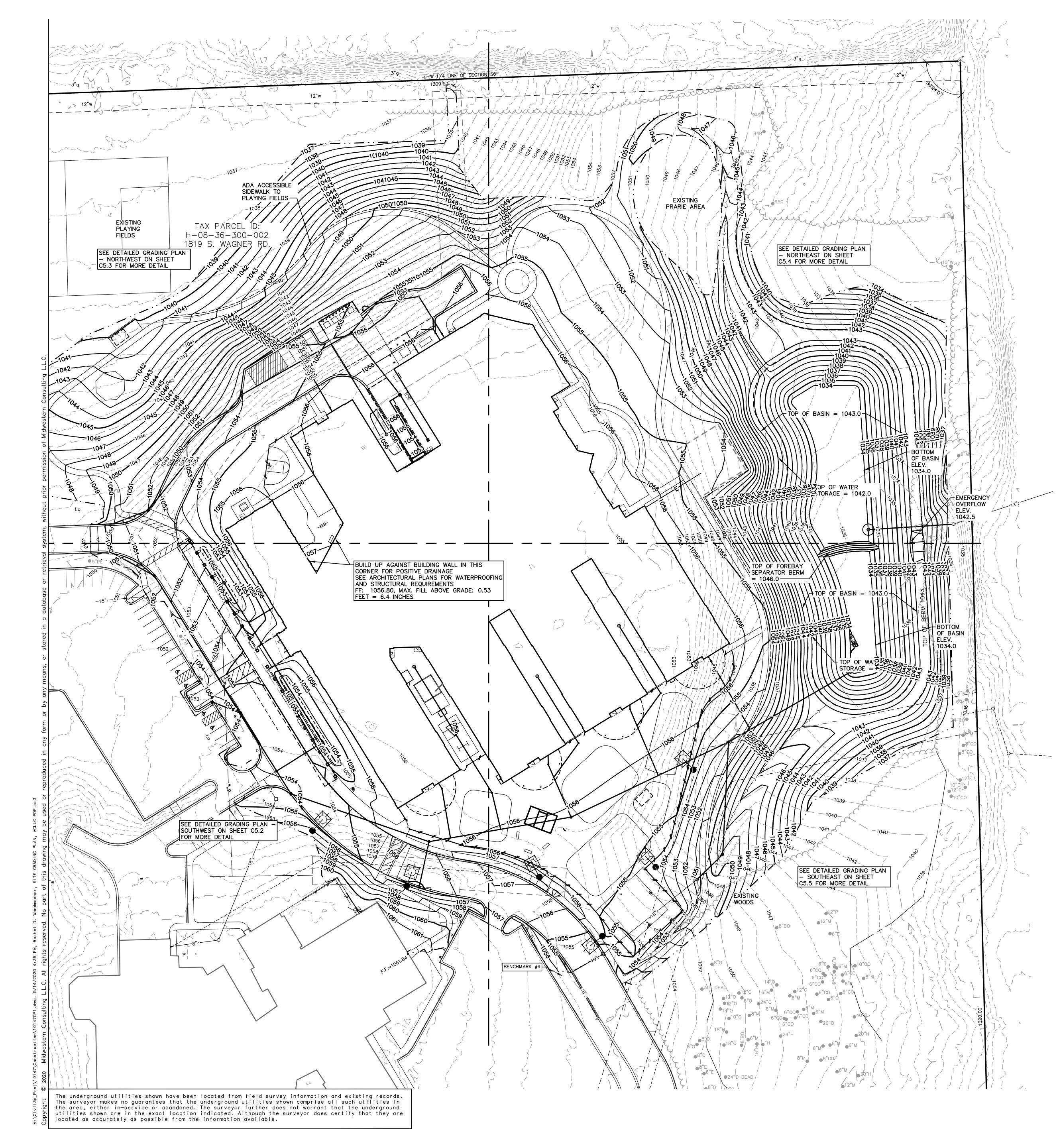
MATERIAL AFTER ONE YEAR.

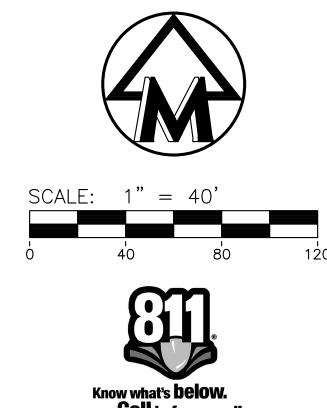
ALUMINUM EDGING DETAIL

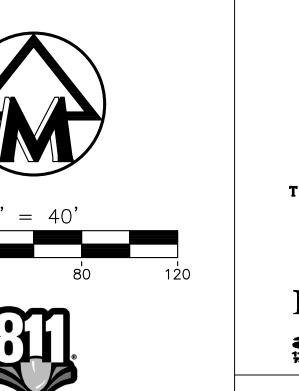
NOT TO SCALE

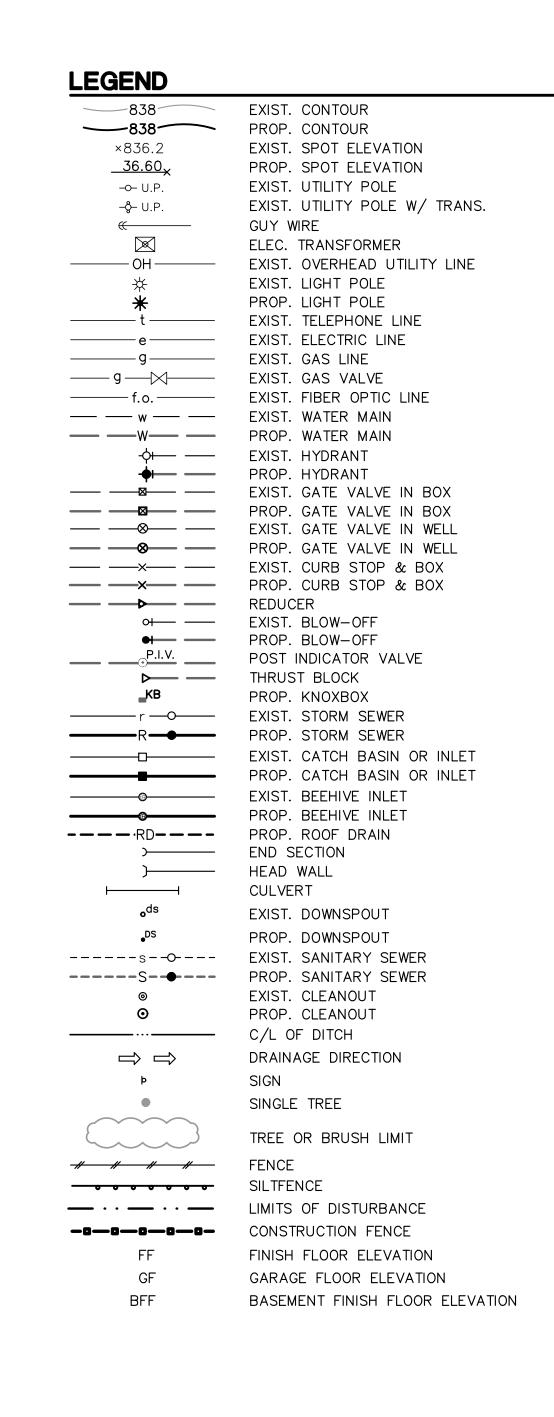
BELT-LIKE,

NYLON OR











REGISTRATION SEAL



CONSULTANT



3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw

Intermediate **School District** 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

SITE GRADING PLAN

DRAWN	RDW/JJR
DATE:	ISSUED FOR:
08-13-19	SCHEMATIC DESIGN
12-06-19	• DD ESTIMATE
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SET
• 03-16-20	• FOR CONSTRUCTION - BID PACK #2
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SET
• 05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	•
•	•
•	•
•	•
•	•

PROJECT NO.

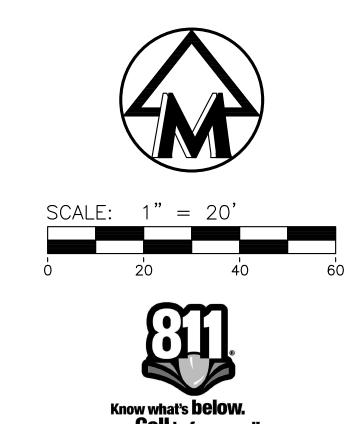
APPROVED RCW

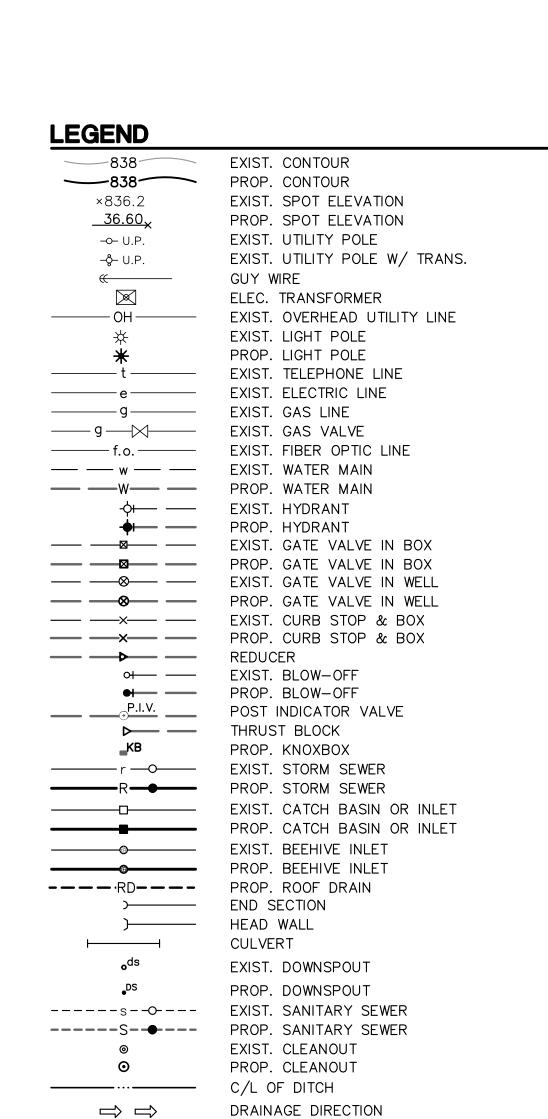
19040

DRAWING NO.

C5.1-BP3







SIGN

SINGLE TREE

CONSTRUCTION FENCE
FINISH FLOOR ELEVATION
GARAGE FLOOR ELEVATION

BASEMENT FINISH FLOOR ELEVATION



REGISTRATION SEAL



CONSULTANT



3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal Wireless Communications • Transportation • Landfill Services

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate

School District 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

DETAILED GRADING PLAN — SOUTHWEST

CHECKED	JAM
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SE
• 03-16-20	• FOR CONSTRUCTION - BID PACK #
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SE
• 05-27-20	• FOR CONSTRUCTION - BID PACK #
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•

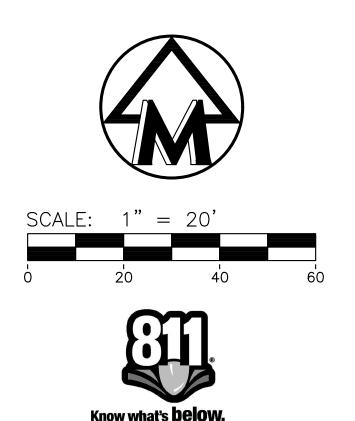
PROJECT NO.

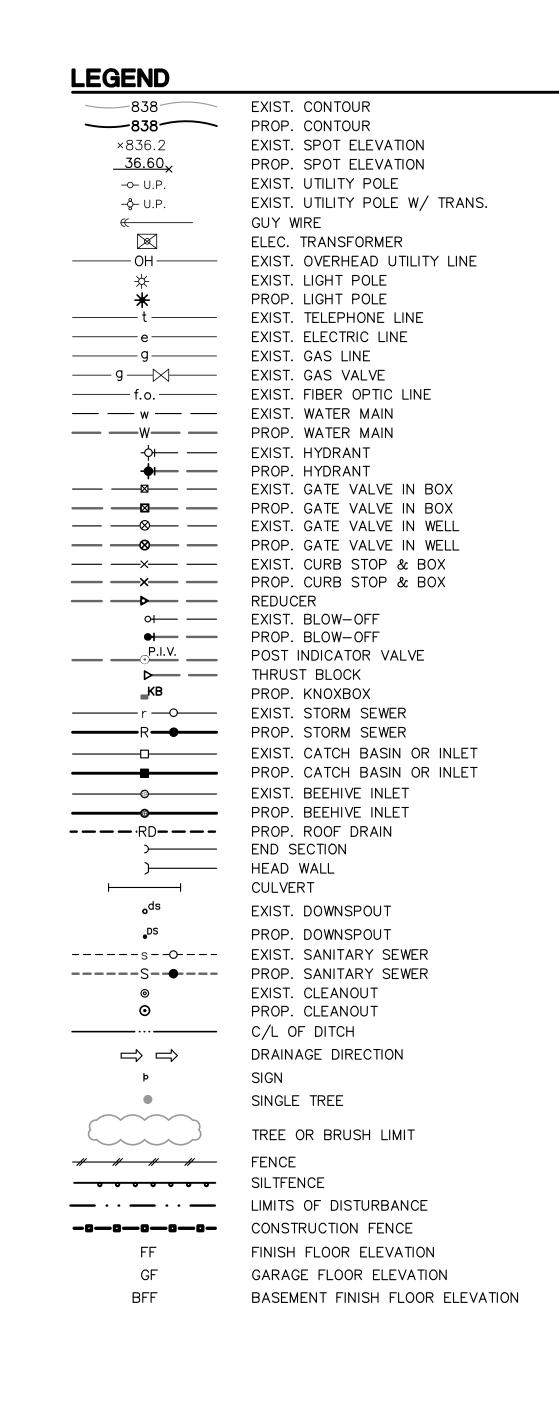
19040

DRAWING NO.

C5.2-BP3









Mitchell and Mouat architects

REGISTRATION SEAL



CONSULTANT



CONSULTING
3815 Plaza Drive Ann Arbor, Michigan 48108
(734) 995-0200 • www.midwesternconsulting.com
Land Development • Land Survey • Institutional • Municipal
Wireless Communications • Transportation • Landfill Services

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw

Intermediate School District 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

DETAILED GRADING PLAN — NORTHWEST

DRAWN	RDW/JJR
DATE:	ISSUED FOR:
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SET
• 03-16-20	• FOR CONSTRUCTION - BID PACK #2
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SET
05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•

PROJECT NO.

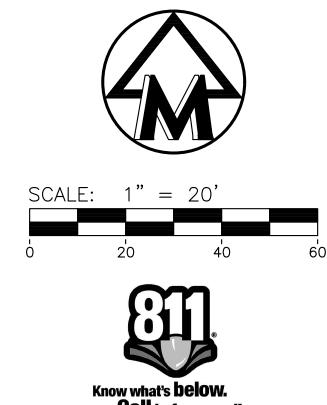
APPROVED RCW

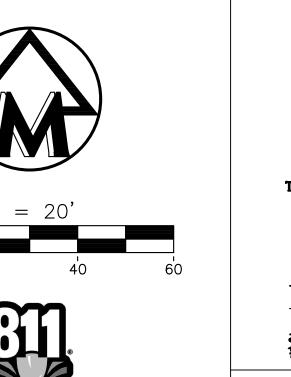
19040

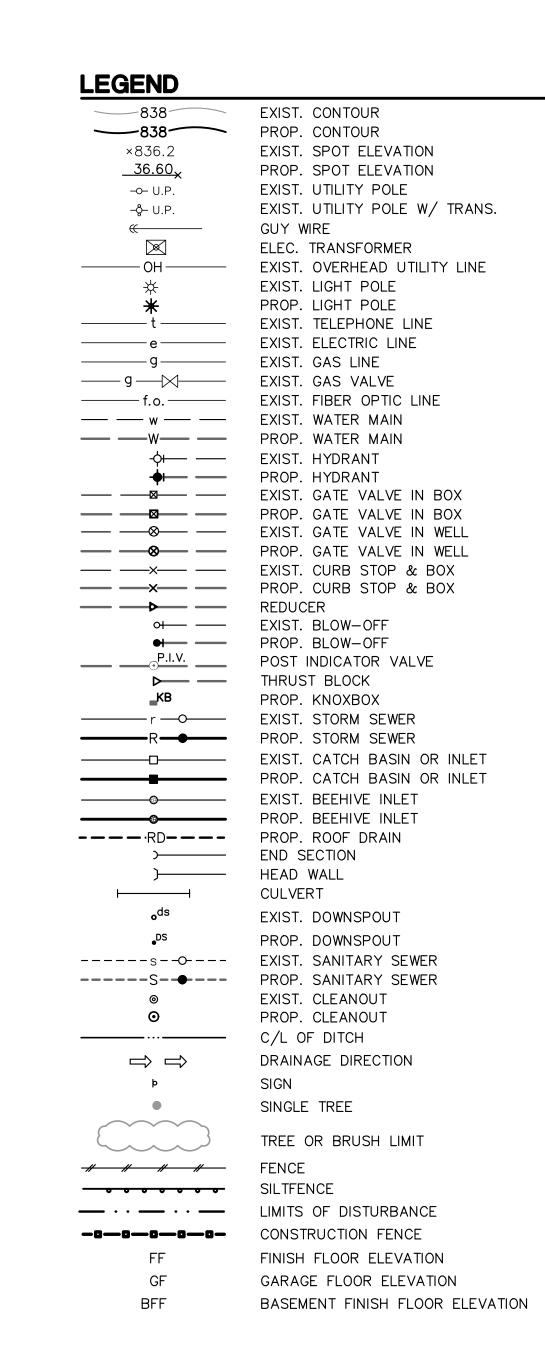
DRAWING NO.

C5.3-BP3













REGISTRATION SEAL



CONSULTANT



CONSULTING 3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School

Washtenaw Intermediate **School District** 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

DETAILED GRADING PLAN - NORTHEAST

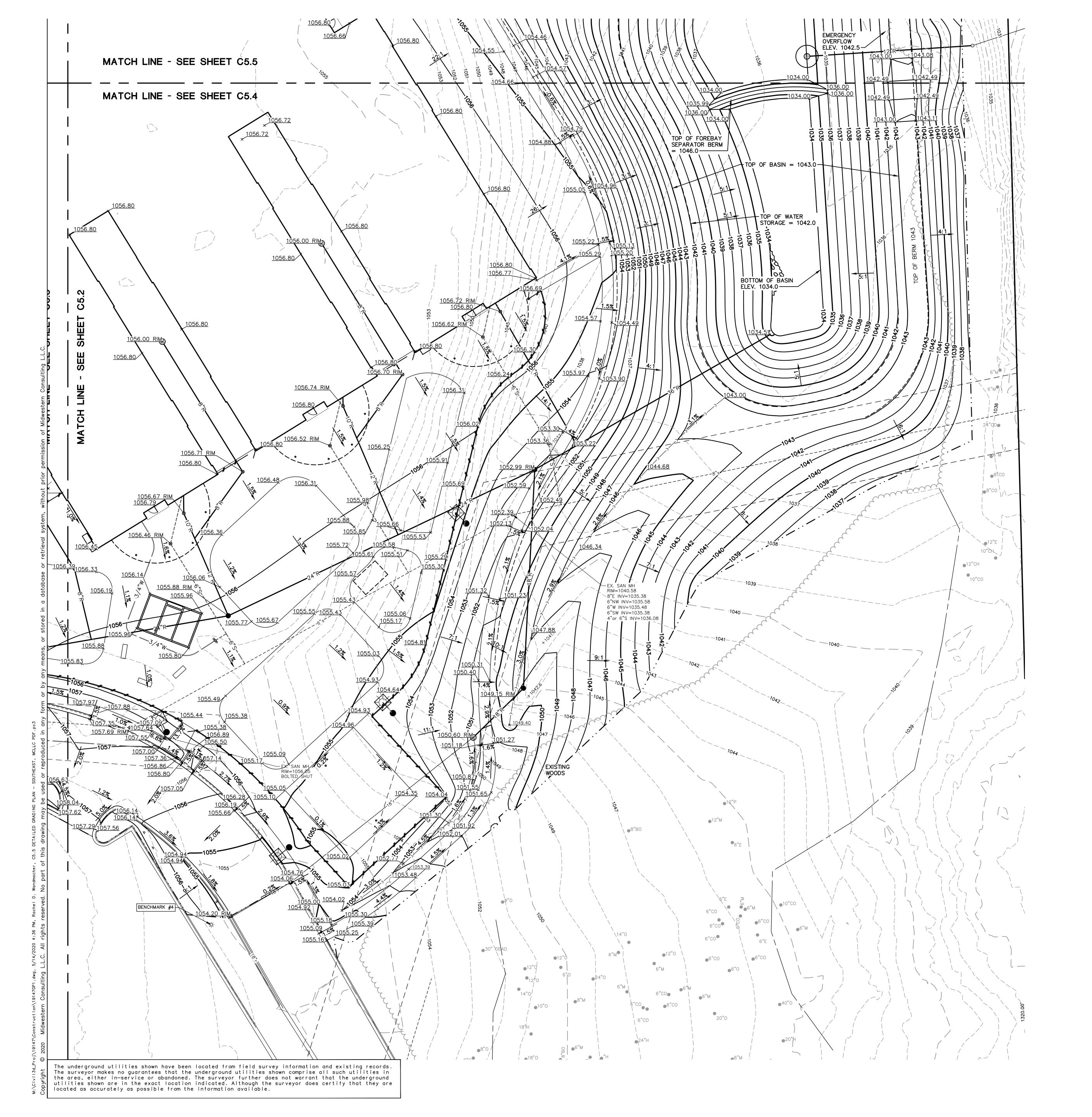
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SET
03-16-20	• FOR CONSTRUCTION - BID PACK #2
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SET
• 05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•

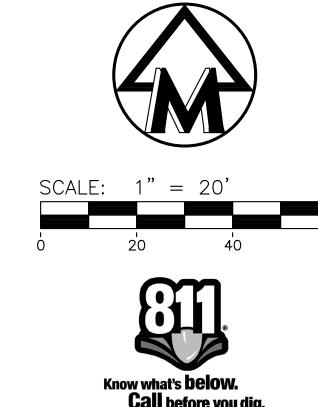
PROJECT NO.

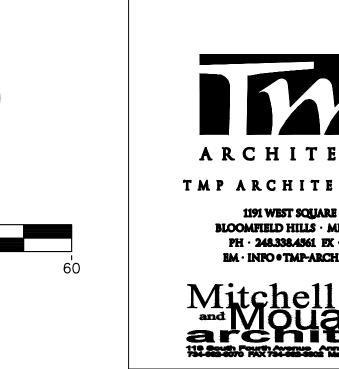
19040

DRAWING NO.

C5.4-BP3







I ECENID

838	EXIST. CONTOUR
838	PROP. CONTOUR
×836.2	EXIST. SPOT ELEVATION
_36.60 _×	PROP. SPOT ELEVATION
-o− U.P.	EXIST. UTILITY POLE
- \$− U.P.	EXIST. UTILITY POLE W/ TRANS.
((GUY WIRE
\bowtie	ELEC. TRANSFORMER
——— OH ———	EXIST. OVERHEAD UTILITY LINE
*	EXIST. LIGHT POLE
1	PROP. LIGHT POLE
t	EXIST. TELEPHONE LINE
e	EXIST. ELECTRIC LINE
g	EXIST. GAS LINE
g \\	EXIST. GAS VALVE
f.o.——	EXIST. FIBER OPTIC LINE
—— w —— —	EXIST. WATER MAIN
	PROP. WATER MAIN
ф — —	EXIST. HYDRANT
	PROP. HYDRANT
<u> </u>	EXIST. GATE VALVE IN BOX
<u> </u>	PROP. GATE VALVE IN BOX
<u> </u>	EXIST. GATE VALVE IN WELL
<u> </u>	PROP. GATE VALVE IN WELL
×	EXIST. CURB STOP & BOX
	PROP. CURB STOP & BOX
— — — —	REDUCER
o ⊢	EXIST. BLOW-OFF
P.I.V.	PROP. BLOW—OFF POST INDICATOR VALVE
	THRUST BLOCK
KB	PROP. KNOXBOX
_	EXIST. STORM SEWER
r	PROP. STORM SEWER
	EXIST. CATCH BASIN OR INLET
	PROP. CATCH BASIN OR INLET
	EXIST. BEEHIVE INLET
	PROP. BEEHIVE INLET
	PROP. ROOF DRAIN END SECTION
,	HEAD WALL
,	CULVERT
ods	
-	EXIST. DOWNSPOUT
•DS	PROP. DOWNSPOUT
so	EXIST. SANITARY SEWER
S- 	PROP. SANITARY SEWER
©	EXIST. CLEANOUT
©	PROP. CLEANOUT
	C/L OF DITCH
$\Rightarrow \Rightarrow$	DRAINAGE DIRECTION
þ	SIGN
	SINGLE TREE
(, , ,)	TREE OR BRUSH LIMIT
-// // // // -// -	FENCE
 	SILTFENCE
_ · · · _ · · · _	LIMITS OF DISTURBANCE
-0-0-0-0-0-	CONSTRUCTION FENCE
	FINISH FLOOR ELEVATION
FF	

GARAGE FLOOR ELEVATION

BASEMENT FINISH FLOOR ELEVATION



REGISTRATION SEAL



CONSULTANT



3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School

Washtenaw Intermediate **School District** 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

DETAILED GRADING PLAN — SOUTHEAST

CHECKED	JAM
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
02-26-20	• 95% BID PACK #2 - CD REVIEW SET
03-16-20	• FOR CONSTRUCTION - BID PACK #2
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SET
• 05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	•
•	•
•	•
•	•
•	٠
•	•
•	•

PROJECT NO.

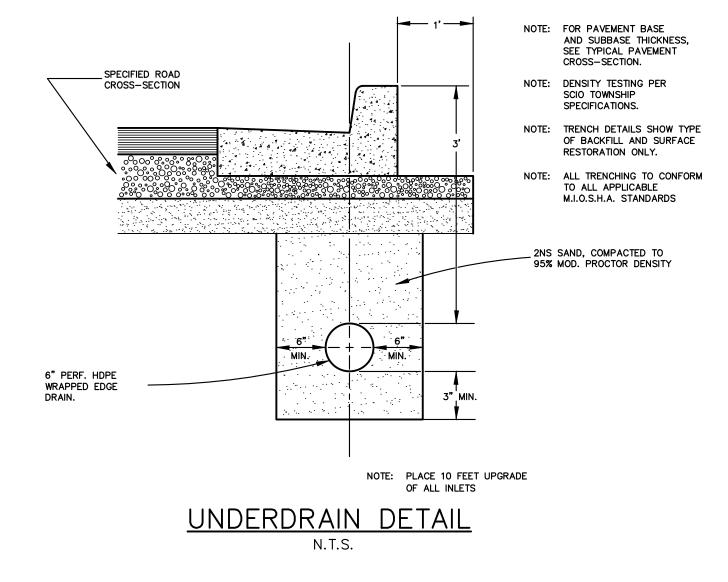
19040

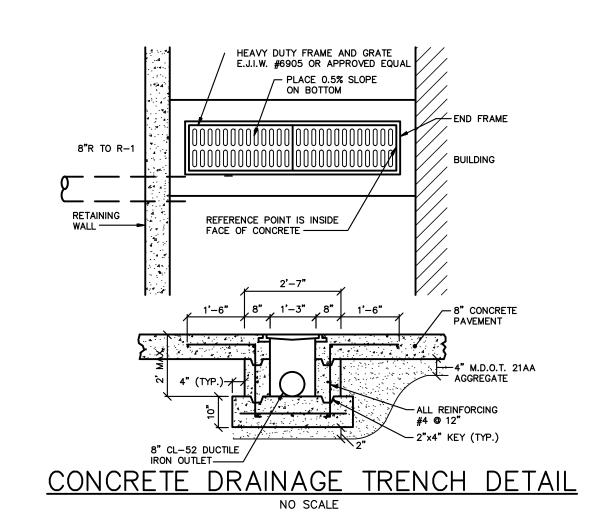
DRAWING NO.

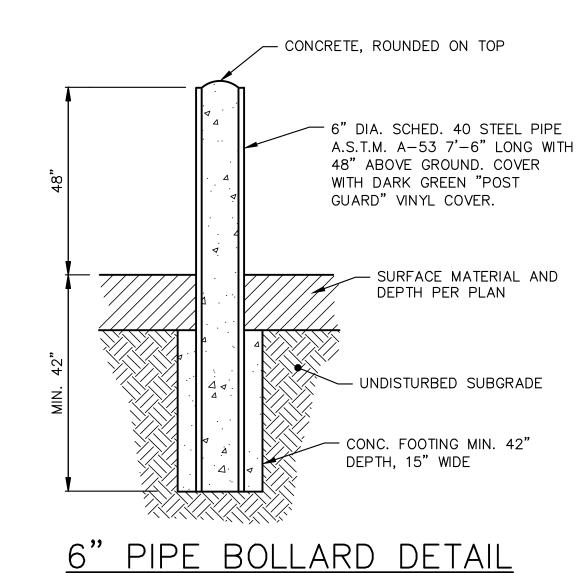
C5.5-BP3

- 1. RAIN GARDEN PLANTING SOIL SHALL HAVE A SANDY LOAM, LOAMY SAND, OR LOAM TEXTURE PER THE USDA TEXTURAL TRIANGLE. THE SOIL MIXTURE SHOULD HAVE PH BETWEEN 5.5 AND 6.6. THE SOIL MIXTURE SHALL HAVE MAXIMUM CLAY CONTENT OF 10% AND 20-30% COMPOST. PRE-SOAK PRIOR TO VEGETATION PLANTING TO AID IN SETTLEMENT.
- 2. RAIN GARDEN PLANTING MIXTURE SHALL HAVE AN INFILTRATION RATE GREATER THAN 0.5 IN/HR. PERMEABILITY SHALL BE VERIFIED BY INFILTRATION PRIOR TO ACCEPTANCE. 3. REMOVE STONES, ROOTS, PLANTS, SOD, CLODS, CLAY LUMPS, POCKETS OF COARSE BUILDIN DEBRIS, AND OTHE EXTRANEOUS MATERIALS HARMFUL TO PLANT GROWTH. PLANTING SOIL SHALL BE FREE OF WEED SEED INCLUDING BUT NOT LIMITED TO BERMUDA GRASS, QUACK GRASS, JOHNSON GRASS, MUGWORT, NUTSEDGE, POISON IVY, CANADIAN THISTLE, TEARTHUB, ETC.
- 4. SAND SHALL BE CLEAN AND FREE OF DELETERIOUS MATERIALS. . MULCH SHALL CONSIST OF SHREDDED HARDWOOD MULCH, MDOT QUALITY PRODUCT LIST. 6. GEOTEXTILE FABRIC SHALL MAINTAIN FLOW RATE OF 125GPM PER SQUARE FOOT PER MDOT SPECIFICATIONS.

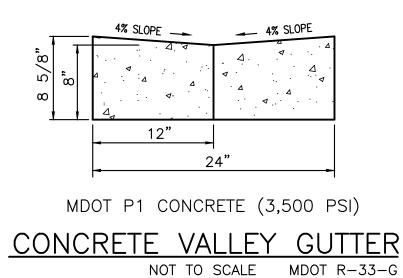
RAIN GARDEN ISLAND DETAIL

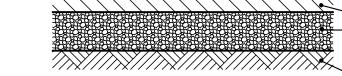






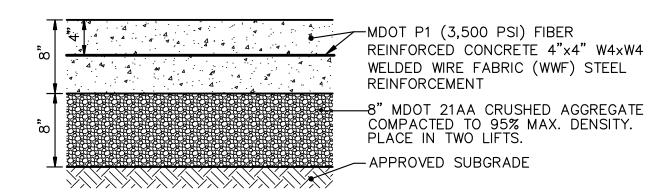
NOT TO SCALE





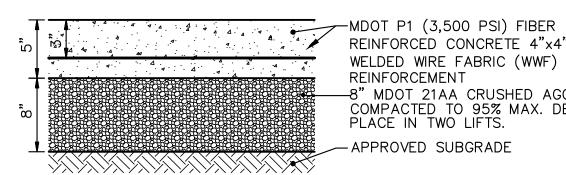
2" MDOT 5E1 ASPHALT MIX WEARING COURSE -2 1/2" MDOT 3C ASPHALT MIX LEVELING COURSE -8" MDOT 21AA CRUSHED AGGREGATE COMPACTED TO 95% MAX. DENSITY. PLACE IN TWO LIFTS.

ASPHALT PAVEMENT DETAIL NOT TO SCALE



ON-SITE HEAVY DUTY CONCRETE PAVEMENT TRUCK WELL AND DUMPSTER AREA

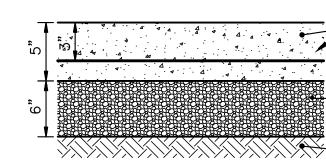
NOT TO SCALE



REINFORCED CONCRETE 4"x4" W4xW4 WELDED WIRE FABRIC (WWF) STEEL REINFORCEMENT -8" MDOT 21AA CRUSHED AGGREGATE COMPACTED TO 95% MAX. DENSITY. PLACE IN TWO LIFTS. - APPROVED SUBGRADE

ON-SITE CONCRETE PAVEMENT MAIN DRIVE

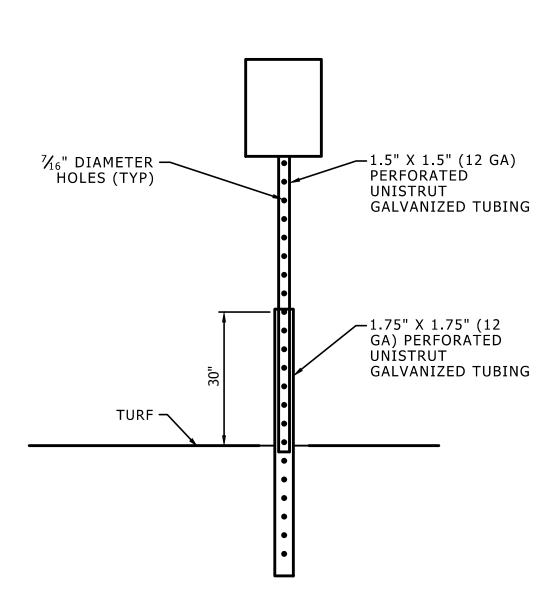
NOT TO SCALE



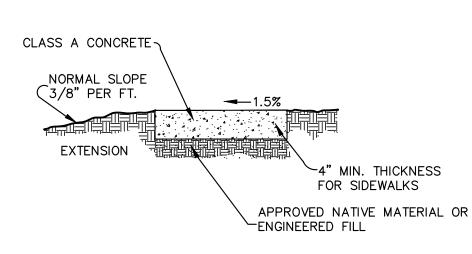
MDOT P1 (3,500 PSI) FIBER REINFORCED CONCRETE W/6#/SV WOVEN STEEL REINFORCEMENT -6" MDOT 21AA CRUSHED AGGREGATE COMPACTED TO 95% MAX. DENSITY. PLACE IN TWO LIFTS. APPROVED SUBGRADE

ON-SITE CONCRETE PAVEMENT PLAY GROUND NOT TO SCALE

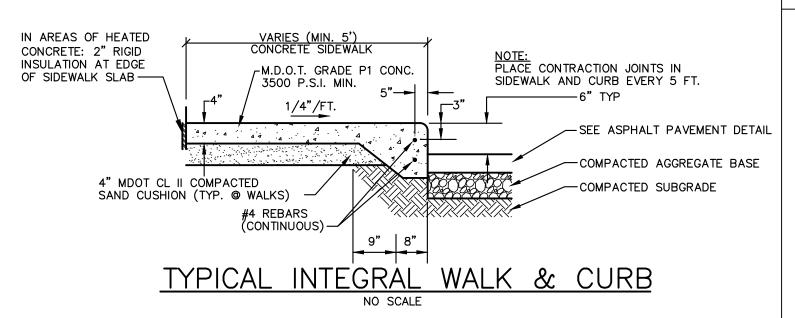
"MAX DENSITY" REFERS TO THE VALUE DETERMINED USING THE AASHTO MODIFIED PROCTOR TESTING METHOD, ASTM D1557



NOTE: SIGN SPECIFICATIONS AND HEIGHT TO MEET MMUTCD. TYPICAL TRAFFIC SIGN POST NOT TO SCALE



SIDEWALK NO SCALE

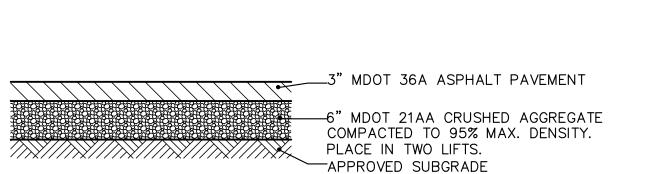




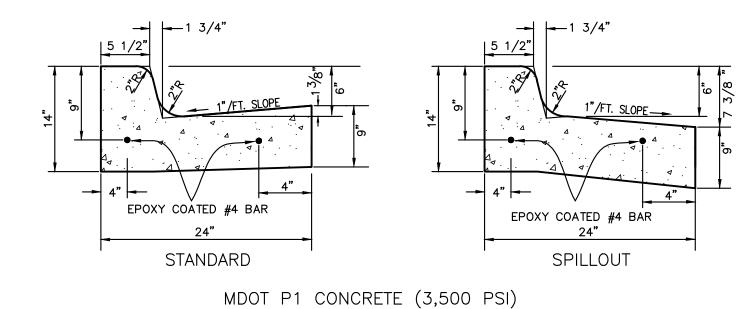
REGISTRATION SEAL

CONSULTANT





6' WIDTH ASPHALT WALKWAY NOT TO SCALE



MDOT F4 BARRIER CURB & GUTTER NOT TO SCALE

ASPHALT PAVEMENT _ NO. 4 BARS 1'- 0" LAP ON BARS

CONCRETE MOUNTABLE CURB & GUTTER NOT TO SCALE

MIDWESTERN CONSULTING 3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal MC PROJECT NO. 19147 PROJECT TITLE **New High Point** School Washtenaw Intermediate

School District

1735 South Wagner Road

Ann Arbor, Michigan DRAWING TITLE

SITE DETAILS 1

ISSUE DATES • FOR CONSTRUCTION - BID PACK #3 • 95% BID PACK #3 - CD REVIEW SET • FOR CONSTRUCTION - BID PACK #2 • 95% BID PACK #2 - CD REVIEW SET DATE: **ISSUED FOR:**

PROJECT NO.

APPROVED RCW

19040

DRAWING NO. C7.1-BP3

The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are located as accurately as possible from the information available.

UNDER GROUND FREEZE-PROOF VALVE ASSEMBLY

Placement: These units were designed to be installed with pedestal drinking fountains that may be exposed to temperatures below 32 degrees Fahrenheit (F). Contact your local state environmental office for questions on specific drainage code requirements.

Supply: 1/2" NPT with a minimum pressure of 30 PSI, maximum of 80 PSI. If inlet pressure is above 80 PSI, a pressure regulator should be installed in the supply line.

Plumbing requirements: Inlet I/2" NPT male Waste I-1/4" 0.D. tailpiece

INSTALLATION INSTRUCTIONS

- 1. Excavate the site for 1/2" supply and 1-1/4" waste connections. The pit must be of a depth to allow for 8 to 12 cubic feet of drainage gravel and the entire plastic casing assembly.
- 2. Determine the frost line for the region. See the frost proof table on page 5 for appropriate casing assembly pit depths. The bottom portion of the casing assembly pipe should be cut to a length of not less than 28".
- 3. Connect the supply tubing to the inlet. Be sure that this connection is lower than the regional frost line.
- 4. Position the 8" schedule 35 plastic pipe in the pit as illustrated on page 5. Apply a plastic adhesive to connect the "Y" fitting to this pipe.
- 5. With the metal rod provided, bring the supply to the top of the casing. **Always flush the supply line** to remove any particles that may damage the assembly.
- 6. Lower the complete valve assembly inside of the casing assembly with metal rod provided. While lowering the assembly, be sure to allow the self-coiling supply line to coil below the valve and check for any twists or kinks.
- 7. Place the cap on the casing assembly. The pit can now be filled.
- 8. For surface mount installations, locate the fountain anchors in the proper position as illustrated on the inclosed fountain dimensional information sheet.
- Pour the concrete pad, taking note to allow a 6" sleeve to accommodate both the waste line and the valve arm assembly. After pad has been allowed to dry, position the surface mount fountain on the pad and secure with bolts.
- 10. Remove the valve assembly from the casing. From the fountain with the supply line connected to the bubbler, insert the supply tubing in the cap hole of the casing arm. From the top of the main casing, pull the tubing to ground level.
- 11. Cut the supply tubing to a length that will enable the tubing to extend to the base of the casing assembly.

- 12. Install the fountain waste line as illustrated
- 13. From the air valve, insert the two sections of 1/8" tubing, (**One Black and One Clear**), through the casing arm. With the compression nut provided, attach the black tubing to the push button assembly on the fountain. Attach the clear segment of 1/8" tubing to the black tubing with tape so that it is open ended and allowed to breathe above the ground, inside the pedestal. Note: the clear tubing is an atmospheric vent and has no connection at the surface.
- 14. Open the shut off valve #2378 with 5/16" hex in the center, (see page 8), and test the fountain for leaks by hand activating the push button.
- 15. Using the metal rod provided, insert the air valve assembly into the casing assembly. Perform the water test again to check for proper flow. Improper flow can be caused by kinked supply or airlines.
- 16. Before replacing the valve box cover (supplied by others), check for proper drainage back to the gravel pit below the casing assembly.
- 17. Failure to comply with the manufactures minimum Valve and Casing assembly requirements will VOID manufactures warranty.

INSTALLATION INSTRUCTIONS FOR OUTDOOR SHOWERS

- 1. Mounting and supply line plumbing is the same as Page 2.
- Shower spray pattern is adjustable by use of a 1/8" allen wrench inserted through spray head orifice. Do not force or adjuster will strip out.
- 3. The shower valves have a present running time of 60 seconds. They can be adjusted from 0 to 2 minutes. Remove access plate located above push button controls. Insert a small screwdriver in ± head for desired run time.

INSTALLATION INSTRUCTIONS FOR WALL-HUNG FOUNTAINS

- 1. Powder coated metal: 1/2" all threaded rod (4) required for coupling nuts.
- 2. Stainless steel: Refer to the dimensional information sheet that accompanied the unit for mounting plate or mounting frame detail.

Shower Air Valve Configuration.

See Page 8 for Fountain Type

3. Terrazzo and Satinstone: For masonry walls, on mounting bracket provided use 3/8" bolts secured to tap in wall anchors, For non masonry walls, provide adequate wall support for wall plate or support carrier (optional).

CAUTION: Do not over tighten mounting bolts. This may result in damage to the unit and void the warranty.

The Park and Facilities Catalog, 3350 NW Boca Raton Blvd., Suite B2, Boca Raton, FL, 33431

1-800-695-3503

DRINKING FOUNTAIN SPECIFICATIONS

MODEL: 513-1014

TYPE: DUAL-HEIGHT ADA FOUNTAIN AND WATER BOTTLE FILTER

PEDESTAL: 10-3/4" diameter steel pipe with 3/16" wall.

RECEPTOR: 18 gauge stainless steel with chrome plated brass drain plug.

BUBBLER: Chrome plated brass, locked to receptor with vandal resistant steel guard.

VALVE: Chrome plated brass push button assembly recessed in ½" steel plate with

adjustable flow regulating valve.

MOUNTING: Surface. ½" thick 15-1/4" o.d. base support plate with four (4) bolt holes.

WASTE: 1-1/4" schedule 40 PVC.

SUPPLY: ½" reinforced vinyl tubing with ½" IPS hook-up and stainless steel fittings.

COLOR: Green.

OPTIONS: -31 1/2" self closing hose bibb-

FINISH: Polyester powder coat.

-32 ½" compression type with standard hose connection and vacuum breaker

-32-VP same as above with key operated shroud -34 frost proof jug filler

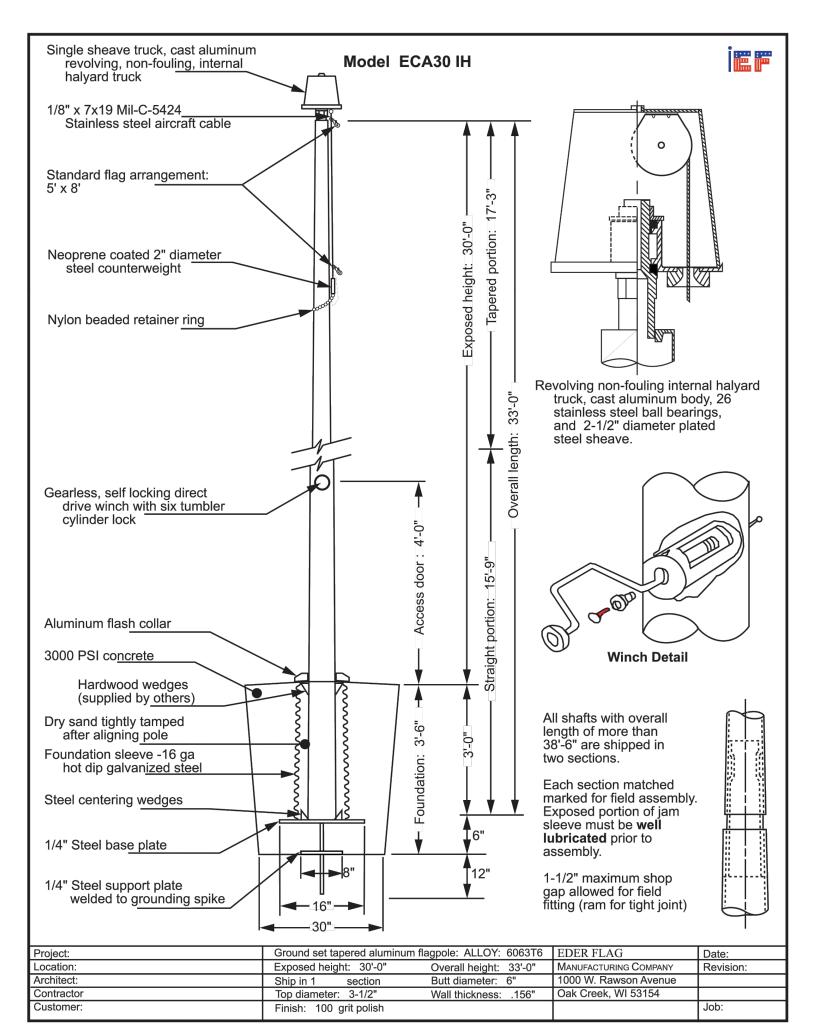
-36 push button jug filler -37 foot wash

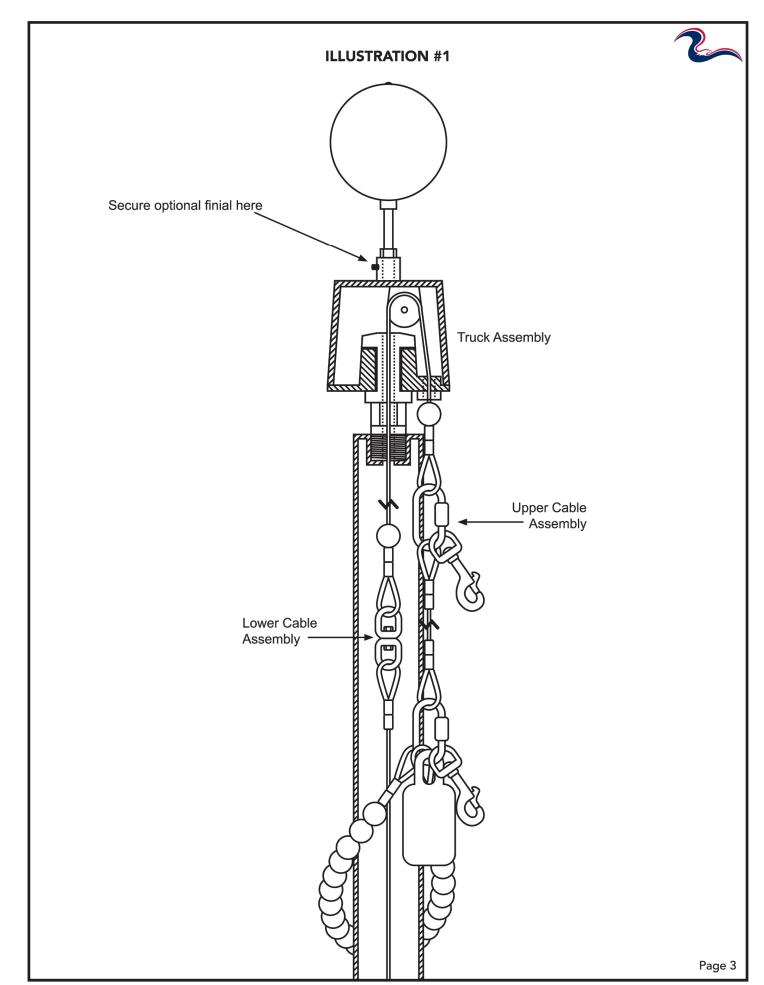
-76 matching chilling unit -85 valve box

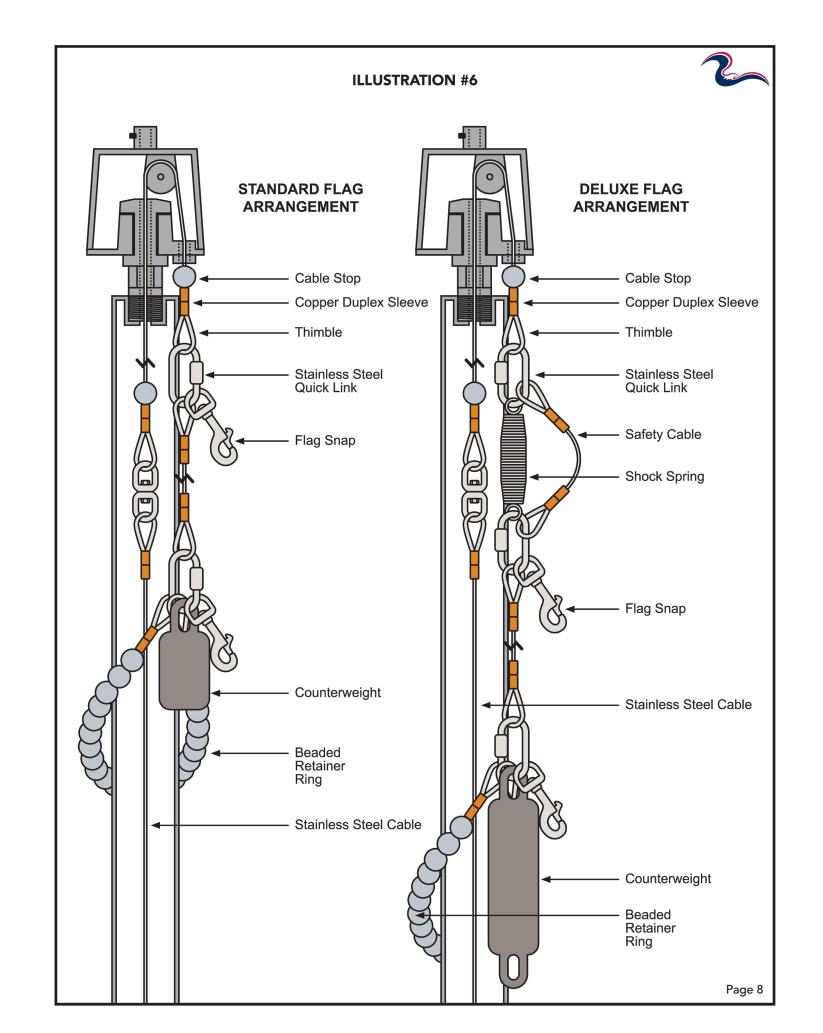
-86 attached metal valve box -90 attached pet fountain

-95 sand trap
-FP frost proof valve system

DRINKING FOUNTAIN DETAILS







FLAGPOLE DETAILS

FLAGPOLE SHALL BE AN ANODIZED ALUMINUM, 30 FT HIGH FLAGPOLE WITH INTERNAL HALYARD, AND WINCH MOUNTED INSIDE THE FLAGPOLE SHAFT.

FLAG POLE SHALL BE A ECA30IH MODEL DELUXE IH SERIES 30FT FLAGPOLE, FROM UNITED STATES FLAG STORE, OR APPROVED EQUIVALENT.

CONSTRUCT FLAGPOLE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.

To the second se

CONSULTANT

REGISTRATION SEAL



ARCHITECTURE

TMP ARCHITECTURE INC

1191 WEST SQUARE LAKE ROAD BLOOMFIELD HILLS · MICHIGAN · 48302

PH · 248.338.4561 FX · 248.338.0223

EM · INFO • TMP-ARCHITECTURE.COM

3815 Plaza Drive Ann Arbor, Michigan 48108 (734) 995-0200 • www.midwesternconsulting.com Land Development • Land Survey • Institutional • Municipal Wireless Communications • Transportation • Landfill Services

MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw

Intermediate
School District
1735 South Wagner Road
Ann Arbor, Michigan

DRAWING TITLE

SITE DETAILS 2

APPROVED RCW

RDW/JJR

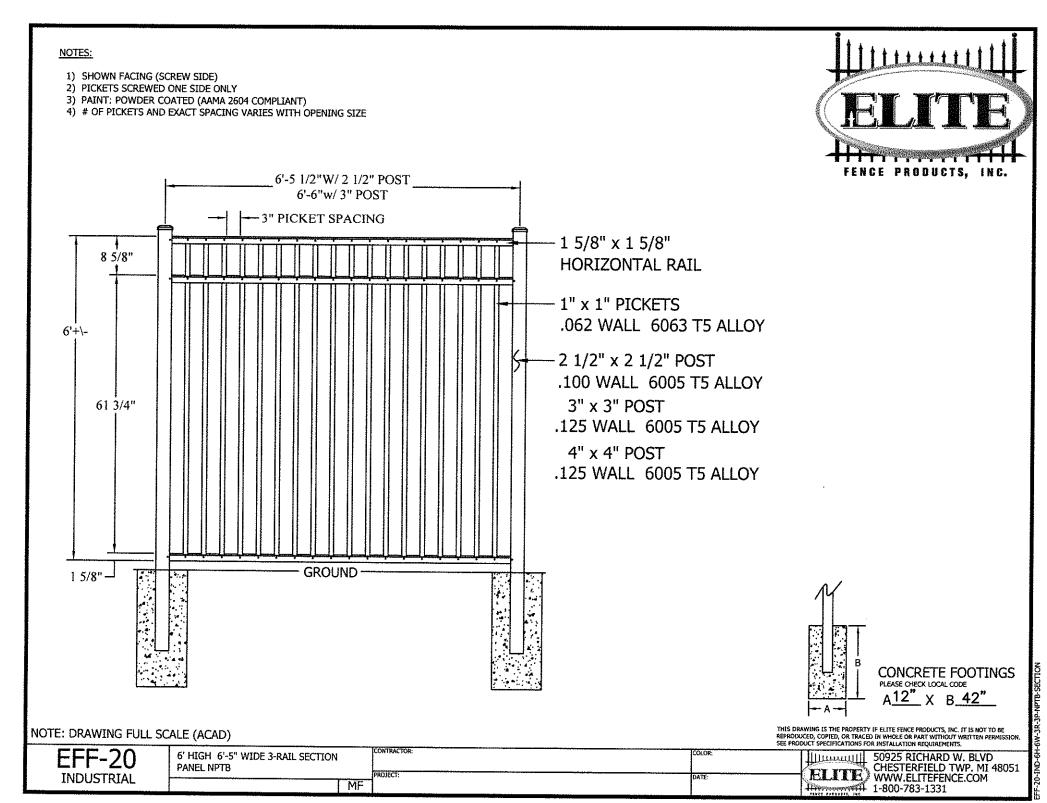
PROJECT NO.

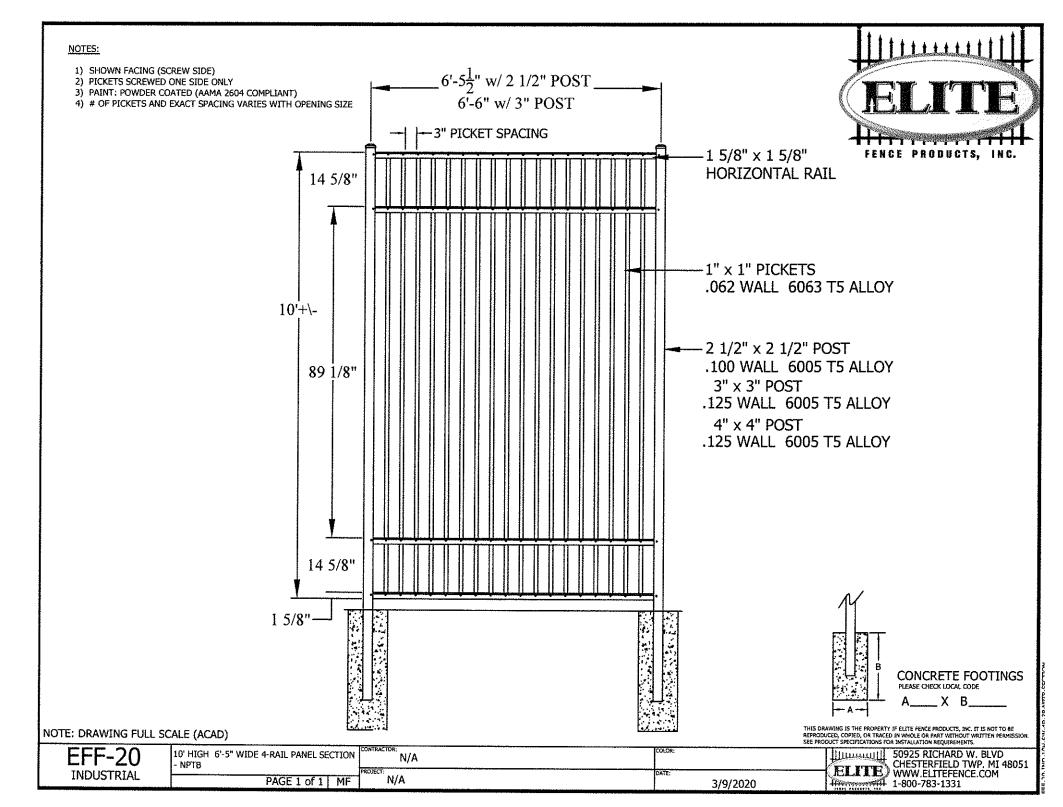
19040

DRAWING NO.

C7.2-BP3

The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are located as accurately as possible from the information available.





PICKET FENCE DETAILS

ELITE FENCE - INDUSTRIAL GRADE EFS-20 IN COLOR HARTFORD GREEN

6' High Ashland Panel Post Centers 71.5" Max | Minimum top of 74" post to ground | level Approximate 1
Post Height Ground Level Stiffener Length 1.5" X 1.5" 18 Guage Galvanized Steel Stiffener ASTM A513 Post 5" X 5" Hole Depth

OF DUMPSTER SHALL BE SIMTEK 6' HIGH RED CEDAR ASHLAND FENCE, OR ARCHITECT-APPROVED EQUIVALENT. GATE HARDWARE SHALL MATCH THE HAREDWARE NOTES ON THIS SHEET.

MANUFACTURER'S INSTRUCTIONS.

SCREEN FENCE AROUND SIDES AND BACK GATES AT GENERATOR SHALL MATCH FENCE. INSTALL FENCE ACCORDING TO

Notes: For a 6' installation, use our 102" posts which are designed to be 28"-30" in the ground and 72"-74"

above ground. Cut the bottom of the post for shorter installations. NEVER cut the top of the post.



SCREEN FENCE DETAIL

SIMTEK FENCE - 6' HIGH ASHLAND PANEL - RED CEDAR COLOR

The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are located as accurately as possible from the information available.

FENCES AND GATES SHALL COMPLY WITH THE 2018 MICHIGAN BUILDING CODE. LEVERS, PANIC BARS, AND ALL NECESSARY GATE HARDWARE SHALL BE SUPPLIED BY THE FENCE MANUFACTURER AND INSTALLER GATES CALLED OUT FOR EGRESS ACCESS SHALL BE SUPPLIED WITH A DETEX BATTERY POWERED ALARM ITEM 6047-B36, WITH LEVER AND LOCK OPENING FROM OUTSIDE, DOOR HANDLE 09BN. LOCK SHALL BE A HW SET: 77 (2 MORTISE CYLINDER) FOR EACH GATE. OTHER GATES CALLING FOR LEVER DOORSETS SHALL USE A BEST LOCK 9K37RDS3 HEAVY DUTY INTERCHANGEABLE CORE CLASSROOM LEVER. THE ACCESS GATE CALLING FOR NO EGRESS SHALL USE A BEST LOCK 8T37MSTK HEAVY DUTY INTERCHANGEABLE CORE DOUBLE CYLINDER DEADBOLT. GATES SHALL BE SELF-CLOSING WHERE CALLED OUT ON THE PLANS, WIHT A RIXSON - 355 GATE CLOSER. FENCE AND GATE SUPPLIER SHALL SUBMIT SIGNED AND SEALED SHOP DRAWING FOR REVIEW, PRIOR TO FABRICATION AND DELIVERY.

GATE LOCK & HARDWARE INFORMATION



REGISTRATION SEAL



CONSULTANT



MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate **School District** 1735 South Wagner Road

Ann Arbor, Michigan

DRAWING TITLE

FENCE & GATE DETAILS

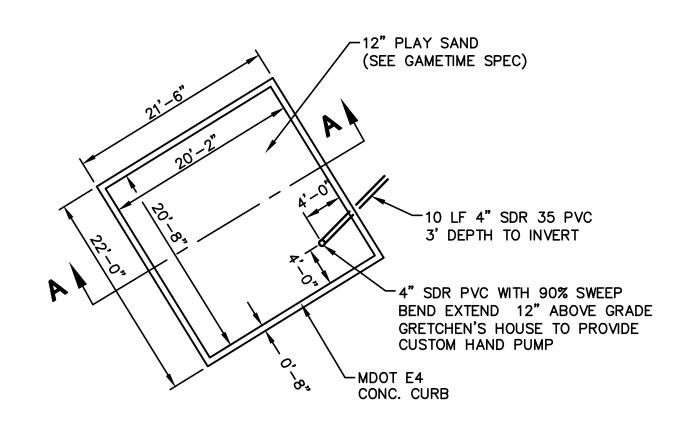
CHECKED	JAM
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
• 02-26-20	• 95% BID PACK #2 - CD REVIEW SE
03-16-20	• FOR CONSTRUCTION - BID PACK #
• 05-01-20	• 95% BID PACK #3 - CD REVIEW SE
• 05-27-20	• FOR CONSTRUCTION - BID PACK #
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•

PROJECT NO.

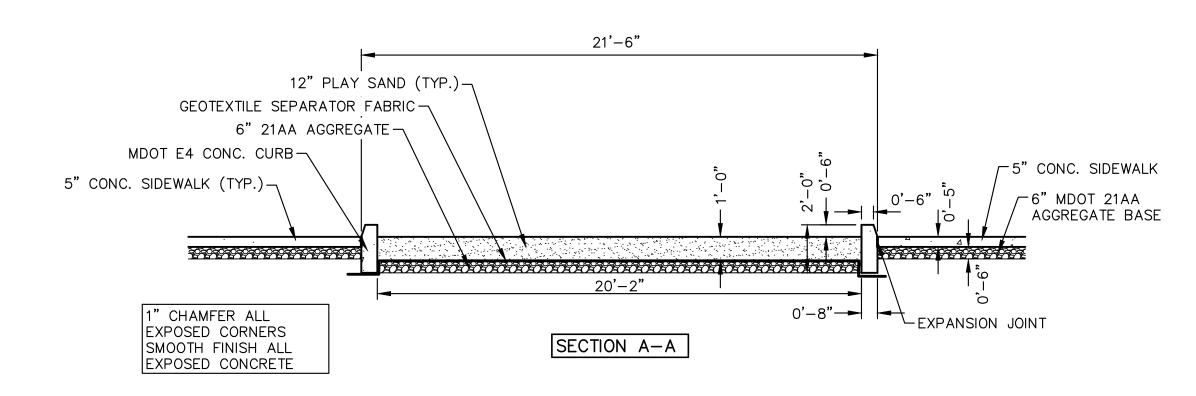
19040

DRAWING NO.

C7.3-BP3



TODDLER PLAYGROUND — SAND BOX PLAN VIEW 1"=10'



TODDLER PLAYGROUND - SANDBOX SECTIONS

1"=4'

PROVIDE SHOP DRAWINGS FOR ARCHITECT AND ENGINEER REVIEW OF ALL SANDBOX COMPONENTS, INCLUDING REINFORCED CONCRETE, STEEL SHELF, AND GEOTEXTILES.

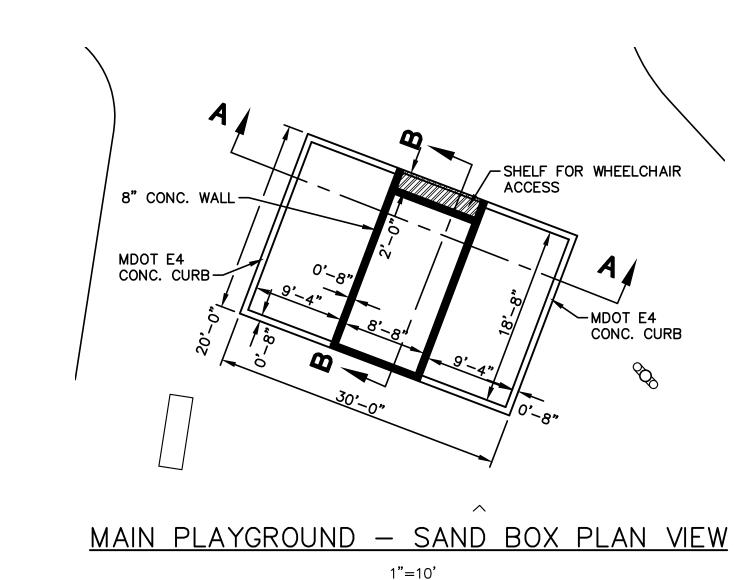
The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are

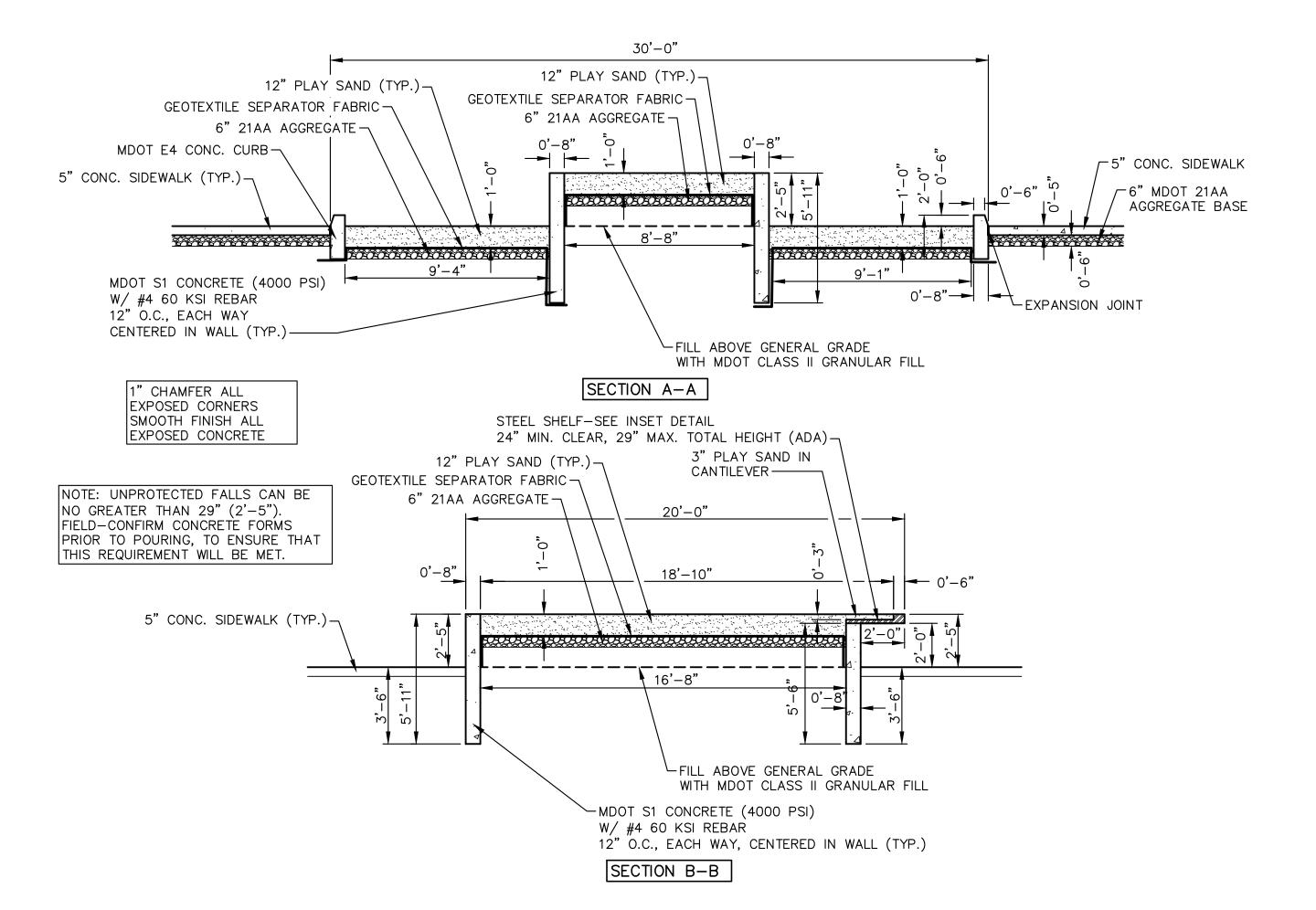
located as accurately as possible from the information available.



ACCESSIBLE SANDBOX SAMPLE PHOTO

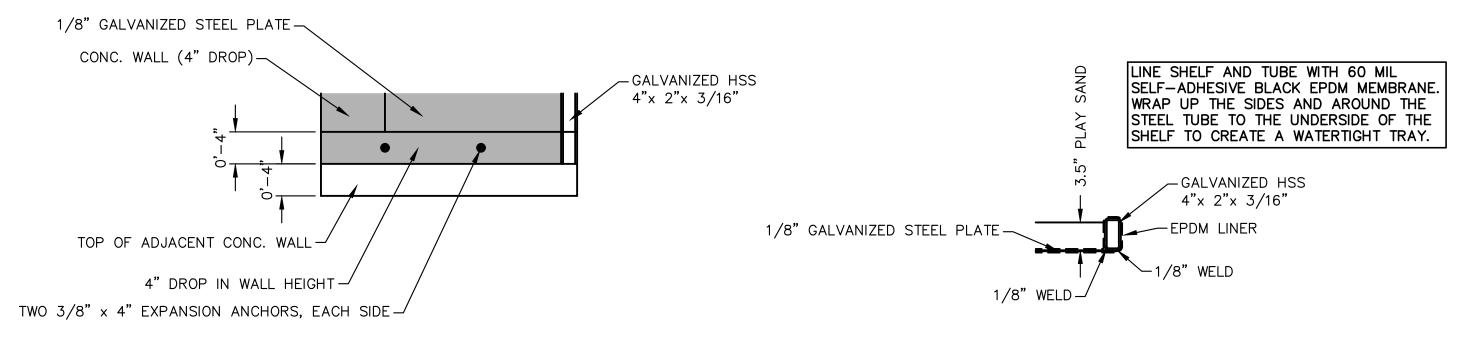
THIS PROJECT IS NOT TO HAVE THE BRICK EDGES.
SURFACES SHALL BE SMOOTH CONCRETE WITH 1" CHAMFER





MAIN PLAYGROUND — SANDBOX SECTIONS

1"=4"



STEEL PLATE END PLAN ENLARGEMENT

1"=1"

STEEL PLATE EDGE & BEAM SECTION

1"=1'

STEEL PLATE AND BEAMS WERE DESIGNED BY THE PROJECT STRUCTURAL ENGINEER, IMEG CONSULTANTS.

PLEASE SEE STRUCTURAL STEEL SPECIFICATION SECTION 05 1200 FOR STRUCTURAL STEEL INFORMATION, AND CAST—IN—PLACE CONCRETE SPECIFICATION 03 3000 FOR REINFORCED CONCRETE INFORMATION.

PVC CONDUIT TO FOLLOW SPECIFICATION SECTION 33 4000, STORM DRAINAGE, AND 31 2300, EXCAVATION AND FILL (FOR TRENCHES).



REGISTRATION SEAL



MIDWESTERN

CONSULTANT

MIDWESTERN

CONSULTING

3815 Plaza Drive Ann Arbor, Michigan 48108
(734) 995-0200 • www.midwesternconsulting.com
Land Development • Land Survey • Institutional • Municipal

MC PROJECT NO. 19147

New High Point
School
Washtenaw
Intermediate
School District
1735 South Wagner Road

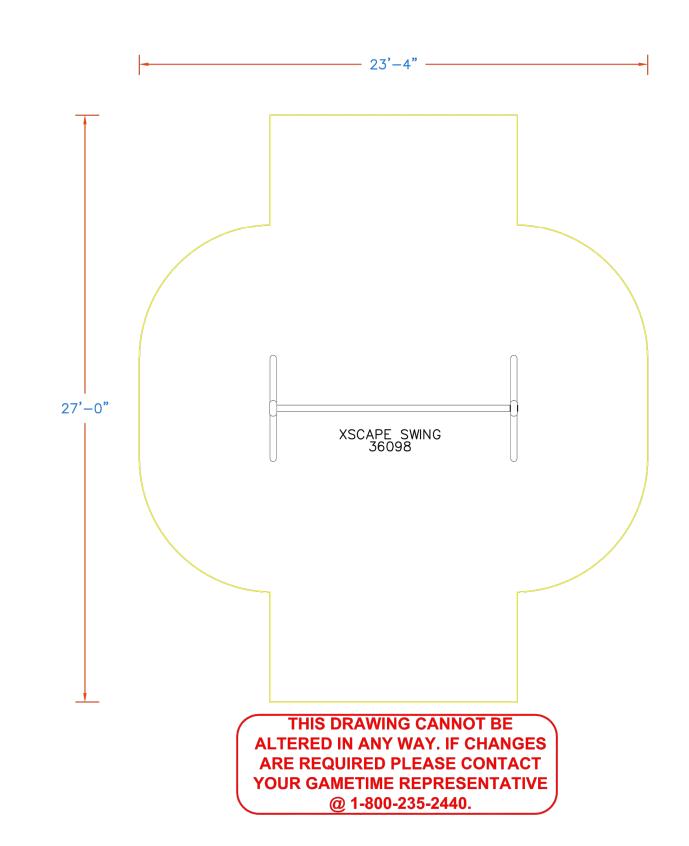
DRAWING TITLE

SANDBOX DETAILS

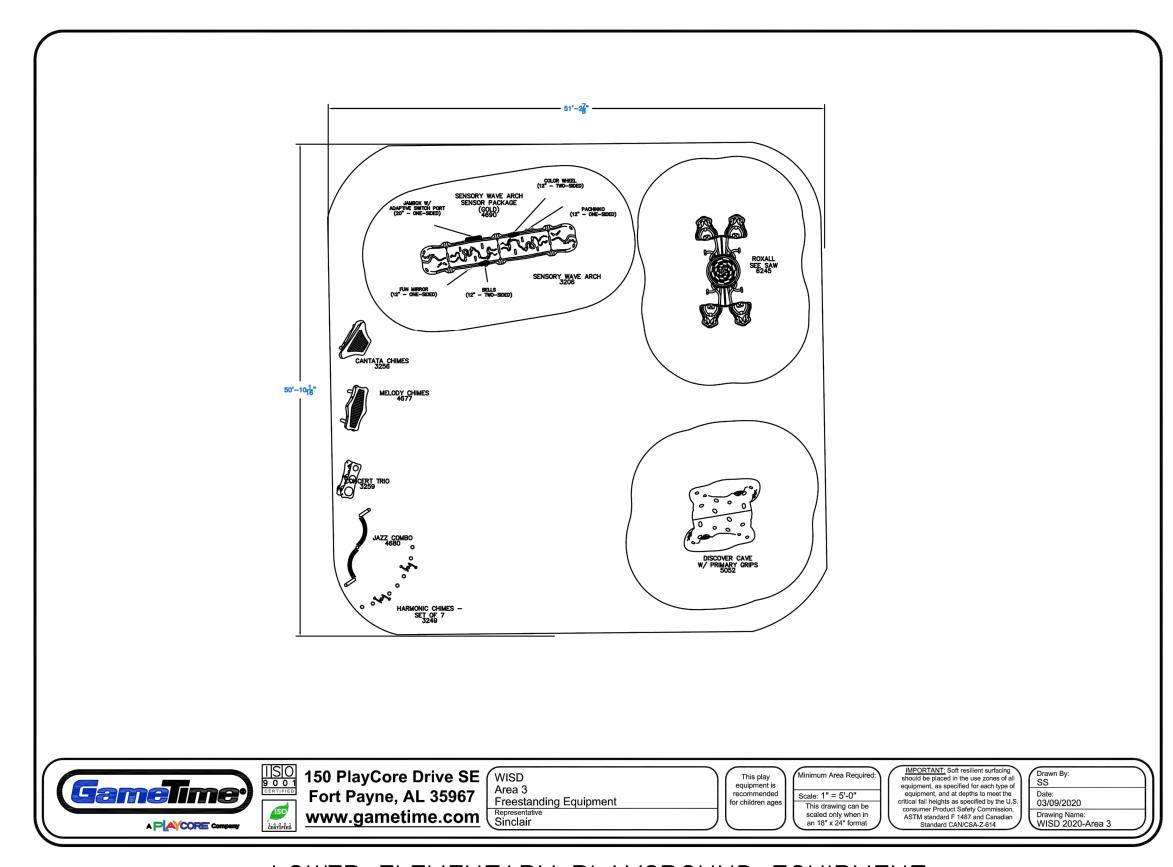
Ann Arbor, Michigan

PPROVED	RCW
HECKED	JAM
RAWN	RDW/JJR
NTE:	ISSUED FOR:
02-26-20	• 95% BID PACK #2 - CD REVIEW SET
)3-16-20	• FOR CONSTRUCTION - BID PACK #2
05-01-20	• 95% BID PACK #3 - CD REVIEW SET
05-27-20	• FOR CONSTRUCTION - BID PACK #3
	•
	•
	•
	•
	•
	•

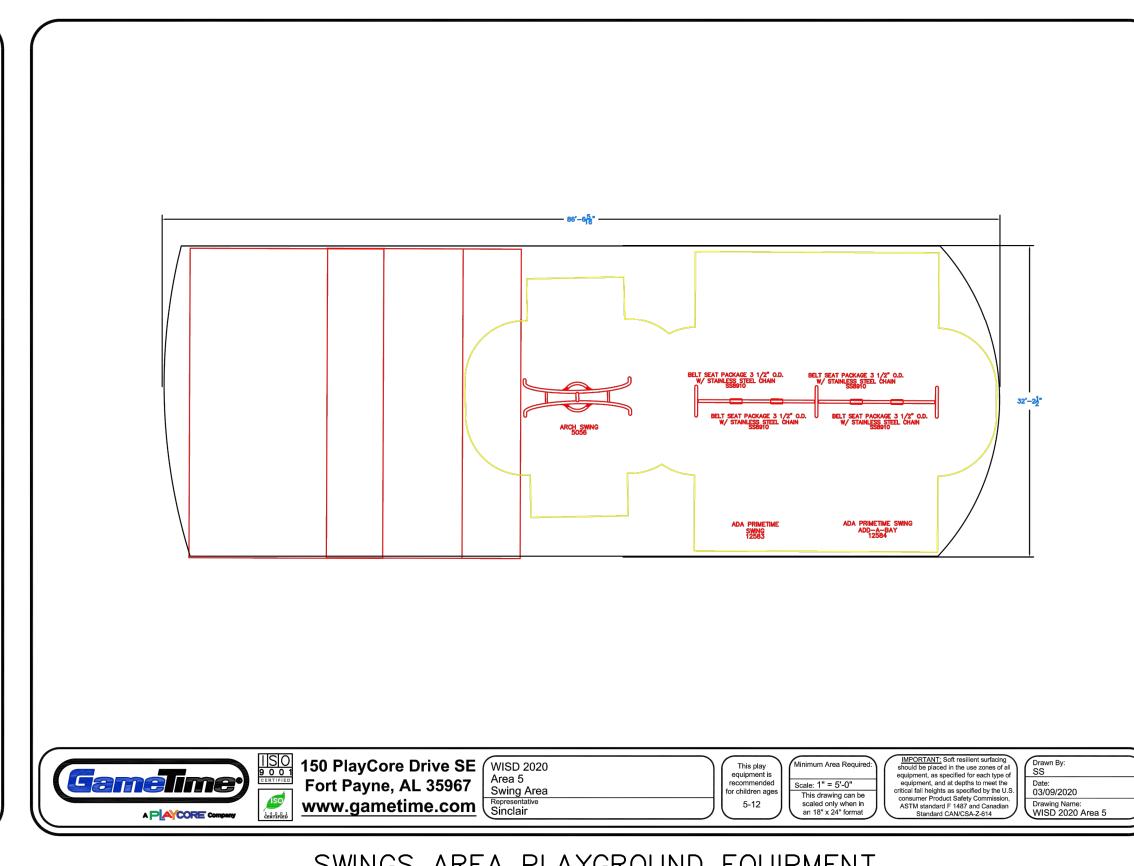
CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS AND INSTALLATION INSTRUCTIONS FOR EACH PIECE OF EQUIPMENT, INCLUDING FINISHES, DIMENSIONS, AND COLORS, FOR ARCHITECT AND ENGINEER REVIEW AND APPROAL, PRIOR TO DELIVERY TO THE SITE.



XSCAPE SWINGS IN TODDLER PLAYGROUND



LOWER ELEMENTARY PLAYGROUND EQUIPMENT



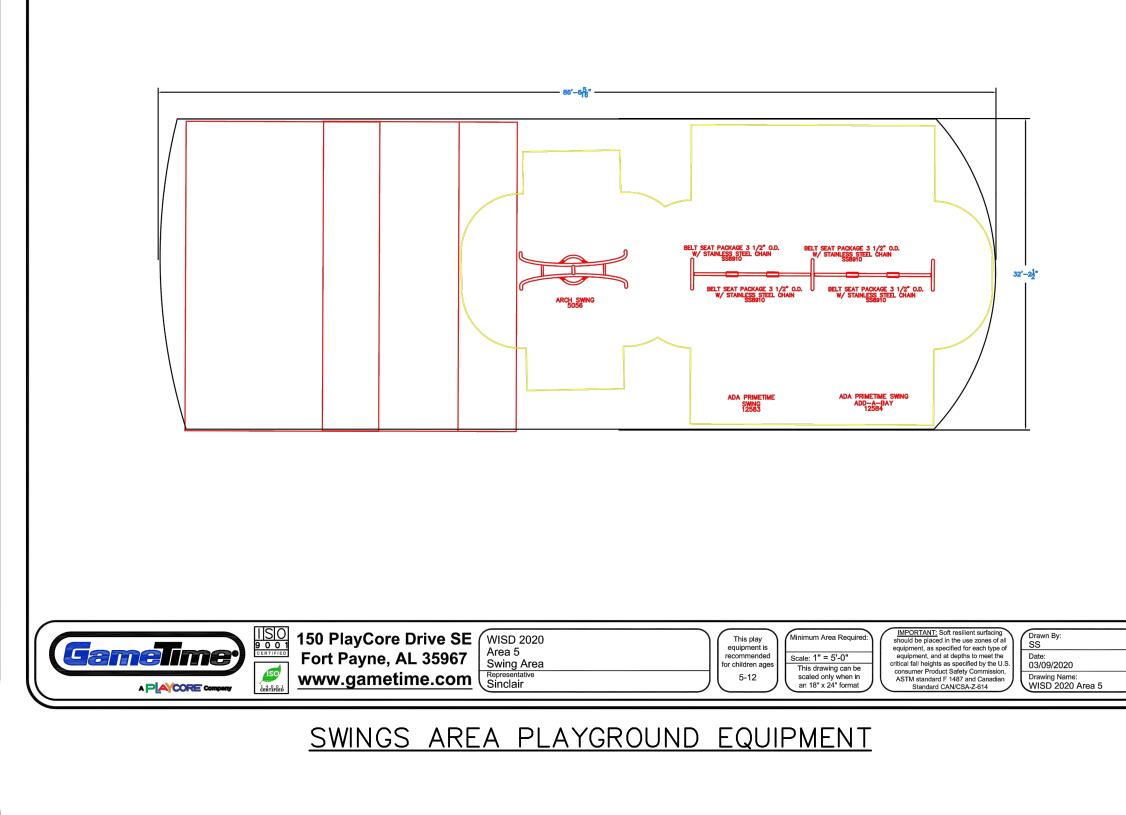
UPPER ELEMENTARY PLAYGROUND EQUIPMENT

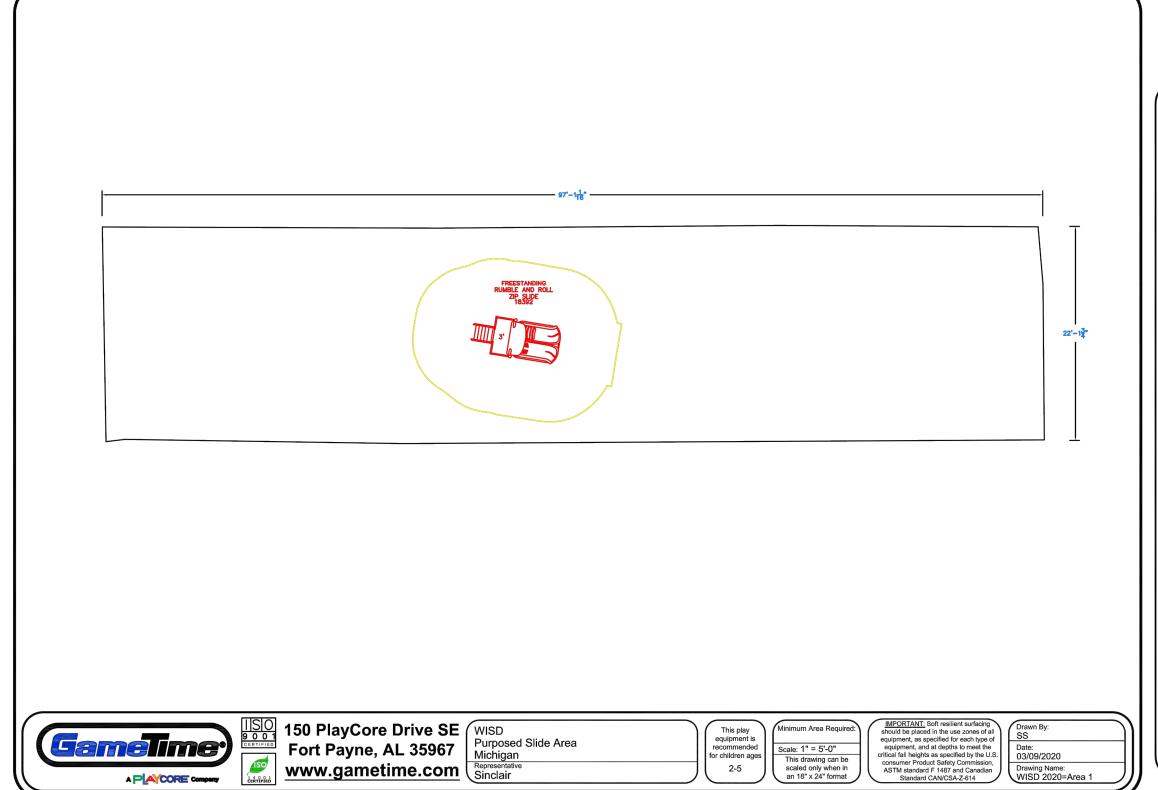
TSO PlayCore Drive SE Ramped Structure Area Area 2

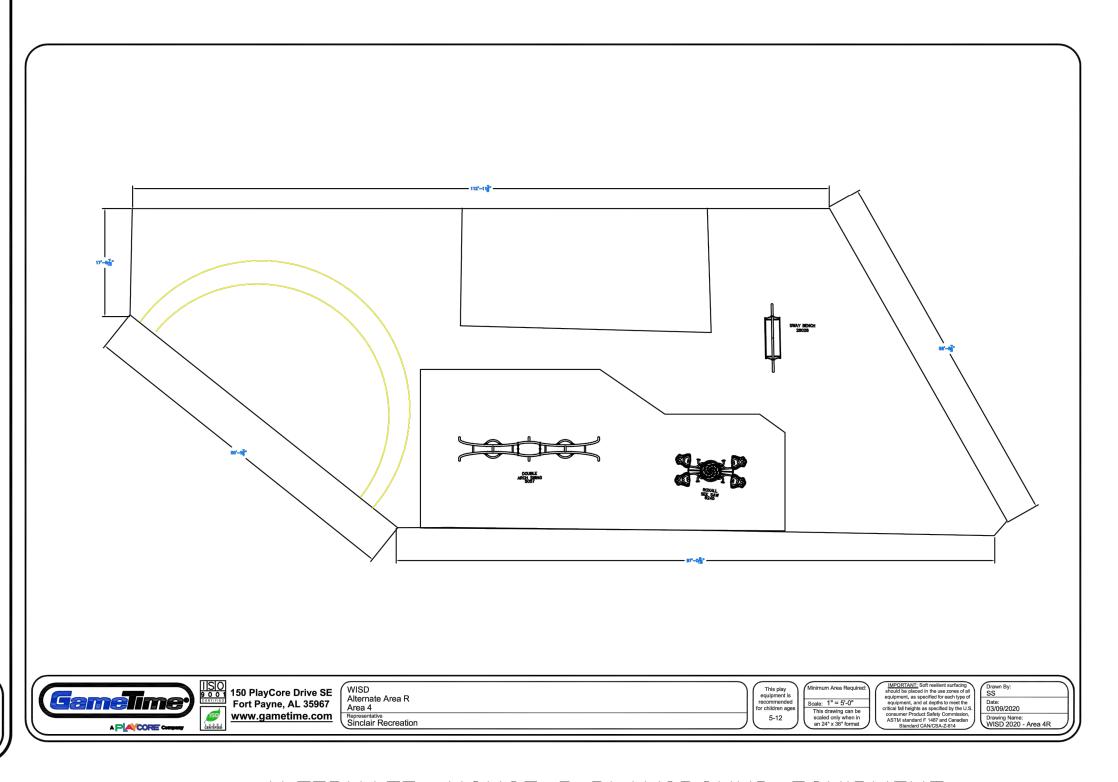
www.gametime.com

WISD Ramped Structure Area Area 2

Representative Sinclair







ALTERNATE: HOUSE 5 PLAYGROUND EQUIPMENT



REGISTRATION SEAL



CONSULTANT



MC PROJECT NO. 19147

PROJECT TITLE

New High Point School **Washtenaw** Intermediate

School District 1735 South Wagner Road Ann Arbor, Michigan

DRAWING TITLE

ISSUE DATES

GAMETIME PLAYGROUND **EQUIPMENT DETAILS**

CHECKED	JAM
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
• 03-16-20	• FOR CONSTRUCTION - BID PACK #2
05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•

APPROVED RCW

PROJECT NO.

19040

DRAWING NO.

C10.1-BP3

The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in-service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are located as accurately as possible from the information available.

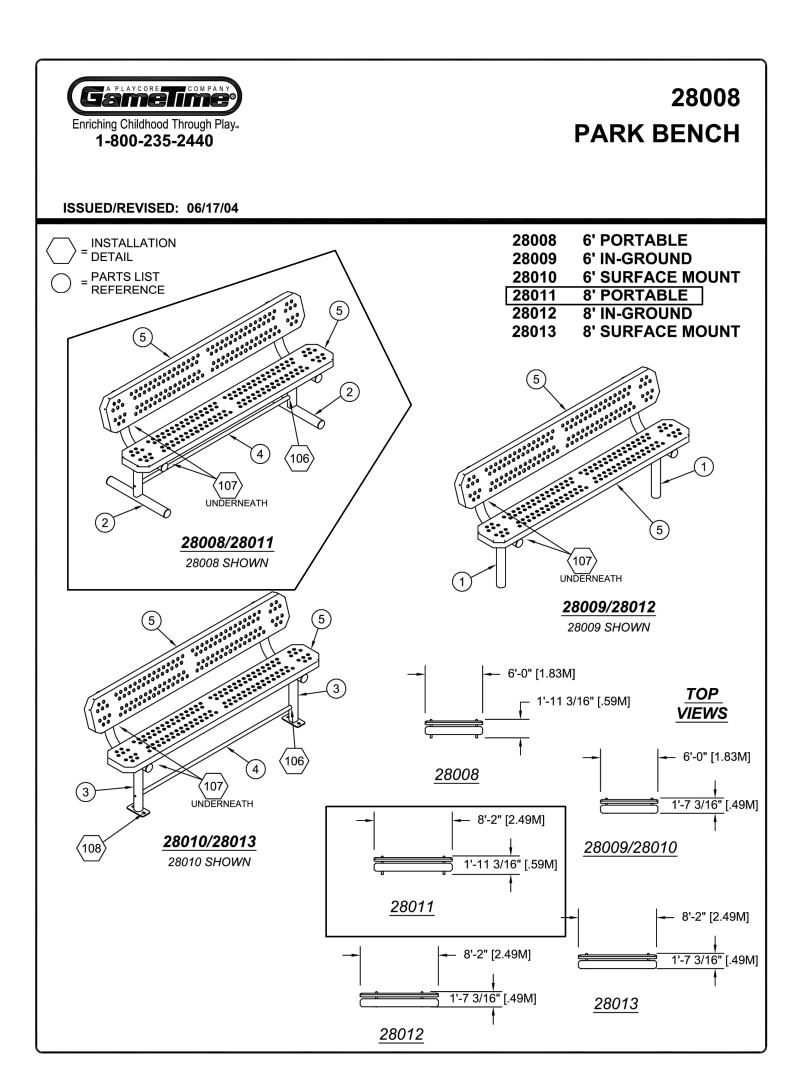
PRESCHOOL PLAYGROUND EQUIPMENT

PICNIC TABLE

SCALE: 1"=10'-0" [1:120]

improvement and reserves the right to discontinue

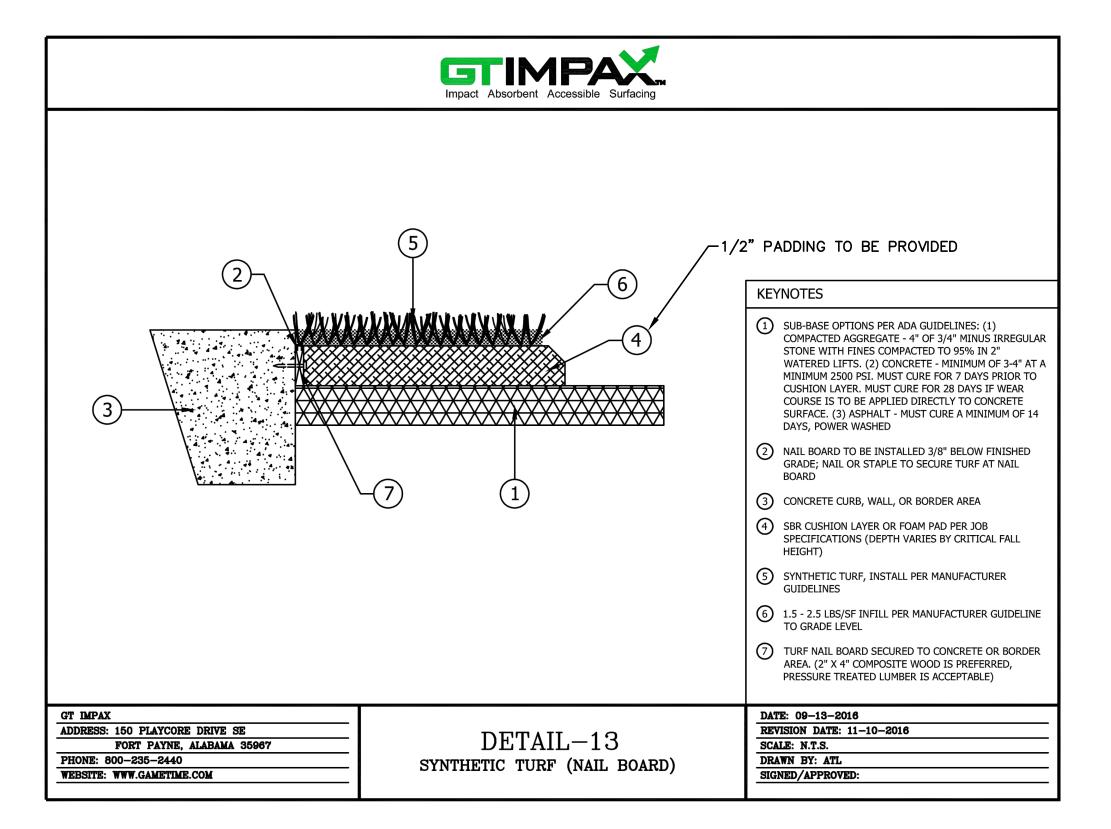
or change specifications without notice.



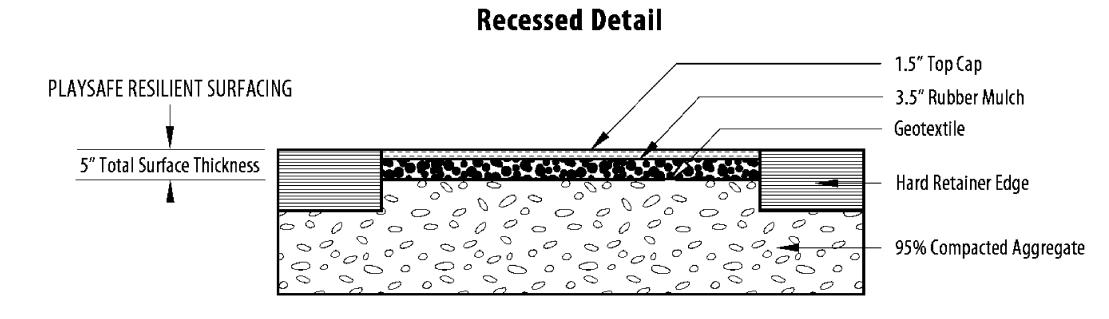
PLAYGROUND BENCH

The underground utilities shown have been located from field survey information and existing records. The surveyor makes no guarantees that the underground utilities shown comprise all such utilities in the area, either in—service or abandoned. The surveyor further does not warrant that the underground utilities shown are in the exact location indicated. Although the surveyor does certify that they are located as accurately as possible from the information available.

CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS AND INSTALLATION INSTRUCTIONS FOR EACH PIECE OF EQUIPMENT, INCLUDING FINISHES, DIMENSIONS, AND COLORS, FOR ARCHITECT AND ENGINEER REVIEW AND APPROAL, PRIOR TO DELIVERY TO THE SITE.



ARTIFICIAL TURF



FALL ZONE - SOFT SURFACE

PROVIDE SHOP DRAWINGS FOR ALL PROPOSED SURFACING MATERIALS, INCLUDING THICKNESSES MODEL NUMBERS, AND MATERIAL PROPERTIES, FOR ENGINEER APPROVAL, PRIOR TO SITE DELIVERY.

CONSTRUCT ALL PLAY SURFACES IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.



REGISTRATION SEAL



CONSULTANT



MC PROJECT NO. 19147

PROJECT TITLE

New High Point School Washtenaw Intermediate School District

1735 South Wagner Road

Ann Arbor, Michigan

DRAWING TITLE

GAMETIME SURFACE AND AMENITY DETAILS

CHECKED	JAM
DRAWN	RDW/JJR
DATE:	ISSUED FOR:
03-16-20	• FOR CONSTRUCTION - BID PACK #2
05-27-20	• FOR CONSTRUCTION - BID PACK #3
•	•
•	•
•	•
•	•
•	•
	•
•	•
•	•
•	•
•	<u>•</u>

PROJECT NO.

19040

DRAWING NO.

C10.2-BP3