



### **Troy Schools District**

RFP #2324-12 BP#1A – Elementary School Playgrounds Phase #1 – Addendum #1 January 9, 2024

**Content Included in this Addendum:** 

Cover Page (1 Page) Barton Malow Write Up (1 Pages) TMP Architecture, Inc. Addendum #1 (10 Pages)

**TOTAL PAGES: 12 Pages** 



January 9, 2024

Troy School District – RFP #2324-12 BP #1A – Elementary School Playgrounds Phase #1

### Addendum #1 Bidder Clarifications

### A. General Clarifications

• We plan to award contracts in two groups of three schools. Group one includes work at Martell, Troy Union, and Hill. Group two includes work at Bemis, Barnard, and Morse. Additionally, we reserve the right to award all six schools to one contractor. This will apply to both the sitework and concrete and asphalt paving bid categories.

### B. Clarifications and Additions to Work Scopes

- Concrete:
  - This contractor is to include furnishing and installation of signs added in addendum #1.
  - Additional markup made on each site remediation drawing.

### C. RFI Responses

**Q:** Do we need specifications for cast-in-place concrete, asphalt paving, earthwork, sub-drainage and drain tile, fences and gates, or any other standard civil spec sections? It appears that the only spec sections included are provided by the playgrounds architect. **A:** Specs provided on drawings.

**Q:** I see verbiage for this category to install topsoil and seed disturbed. I am guessing all backfilling, topsoil and seeding is by the sitework category.

**A:** The paving contractor is responsible for backfill, restoration, and seeding around the jogging track. All other areas fall under the sitework contractors' responsibility.

**Q:** Who is responsible for sealcoating?

A: The Paving Contractor is responsible for sealcoating and any pavement markings.

Q: Can the schools be awarded individually?

**A:** The project can be awarded three ways: Contractors can be awarded work at Martell, Troy Union, and Hill, or awarded work at Bemis, Barnard, and Morse or all six.

**Q:** Is the \$10,000 allowance for each school or a total of \$10,000 between all the 6 schools? **A:** There is a \$10,000 allowance in total.



### Addendum

| Date               | November 29, 2023   |
|--------------------|---|
| Project Name       | Troy School District - Barnard Elementary School Playground, Bemis Elementary   |
|                    | School Playground, Hill Elementary School Playground, Martell Elementary<br>School Playground, Morse Elementary School Playground, Troy Union<br>Elementary School Playground |
| TMP Project No(s). | 22086B, 22087B, 22090B, 22092B, 22093B, 22095B  |
| Bid Package No.    | 01A   |
| Addendum No.       | One (1)   |

The Bidding Documents are modified, supplemented, or augmented as follows and the Addendum is hereby made a part of the proposed Contract Documents.

The following Drawing(s) and Attachment(s) are issued with this Addendum:

| Drawing No(s).: | 22087B C2.1, C2.2, C2.3 |
|-----------------|-------------------------|
|                 | 22090B C2.1, C2.2       |
|                 | 22092B C2.1             |
|                 | 22093B C2.1, C2.2       |
|                 |                         |

### Item No. Civil Drawing Changes

### 22087B Bemis Elementary School Playground

CD-1 Refer to Drawing Nos. C2.1, C2.2, & C2.3 (reissued):

- A. Install communication board as indicated on Drawing C2.1.
- B. Install communication board as indicated on Drawing C2.2.
- C. Install communication board as indicated on Drawing C2.3.

### 22090B Hill Elementary School Playground

CD-2 Refer to Drawing Nos. C2.1 & C2.2 (reissued):

- A. Install communication board as indicated on Drawing C2.1.
- B. Install communication board as indicated on Drawing C2.2.

TMP ARCHITECTURE INC WWW.TMP-ARCHITECTURE.COM

### TMP ARCHITECTURE INC

November 29, 2023 Troy School District - Barnard Elementary School Playground, Bemis Elementary School Playground, Hill Elementary School Playground, Martell Elementary School Playground, Morse Elementary School Playground, Troy Union Elementary School Playground TMP Project No(s). 22086B, 22087B, 22090B, 22092B, 22093B, 22095B Bid Package No. 01A Addendum No. One (1) Page 2 of 2

### 22092B Martell Elementary School Playground

CD-3 Refer to Drawing No. C2.1 (reissued):

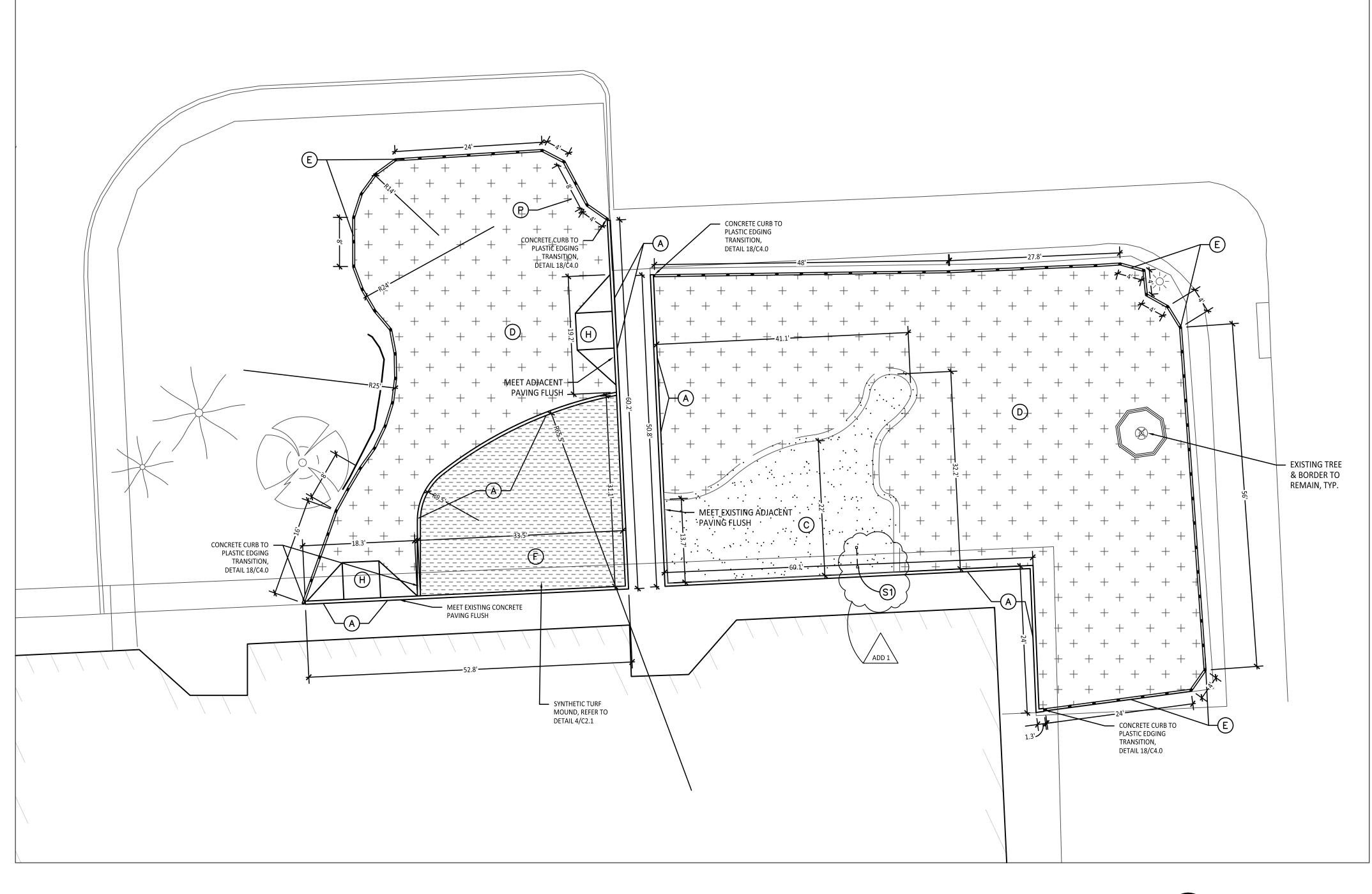
A. Install communication board as indicated on Drawing C2.1.

### 22093B Morse Elementary School Playground

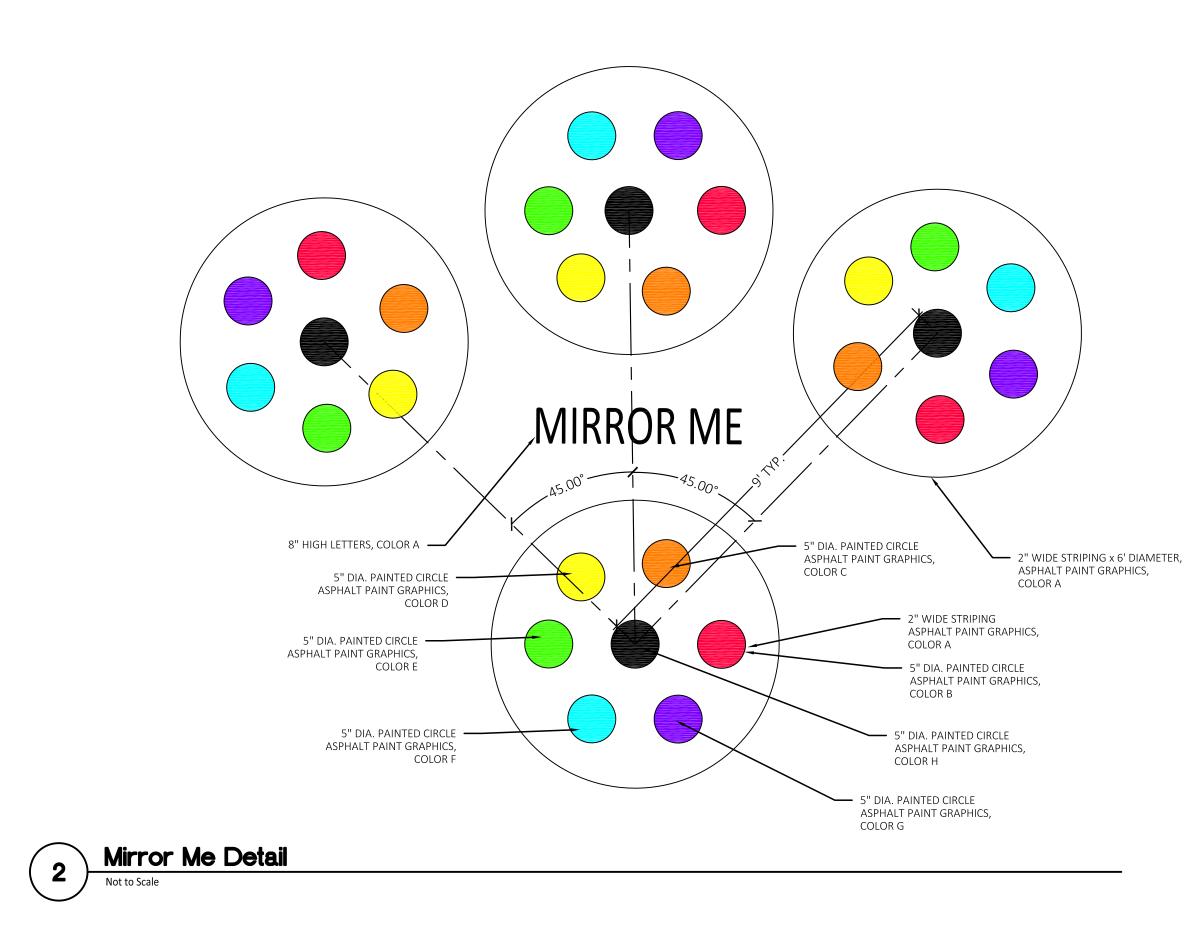
CD-4 Refer to Drawing Nos. C2.1 & C2.2 (reissued):

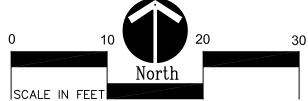
- A. Install communication board as indicated on Drawing C2.1.
- B. Install communication board as indicated on Drawing C2.2.

\*\*\*END OF ADDENDUM NO. 1 - BID PACKAGE NO. 01A\*\*\*













# BARRIER-FREE NOTES

BARRIER-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND MICHIGAN BARRIER-FREE CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: - 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE.

- NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE. - 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED). - 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.

NOTE: VERIFY LOCATION OF NEW PLAYGROUND EQUIPMENT PRIOR TO INSTALLATION OF ANY CONCRETE CURB. CONCRETE CURB TO BE INSTALLED OUTSIDE OF FALL SAFETY ZONE OF EACH PIECE OF EQUIPMENT PER ASTM 1487-05 AND MANUFACTURER'S WRITTEN RECOMMENDATIONS.

NOTE: PLAYGROUND EQUIPMENT AND SURFACING PURCHASE AND INSTALLATION IS UNDER SEPARATE CONTRACT AND IS NOT INCLUDED IN THIS BID PACKAGE. CONTRACTOR IS REQUIRED TO COORDINATE INSTALLATION OF PLAYGROUND EQUIPMENT AND SURFACING WITH PLAYGROUND INSTALLER PRIOR TO ANY EXCAVATION AND CONCRETE CURBING OR PAVING INSTALLATION.

# PROPOSED FEATURES LEGEND:

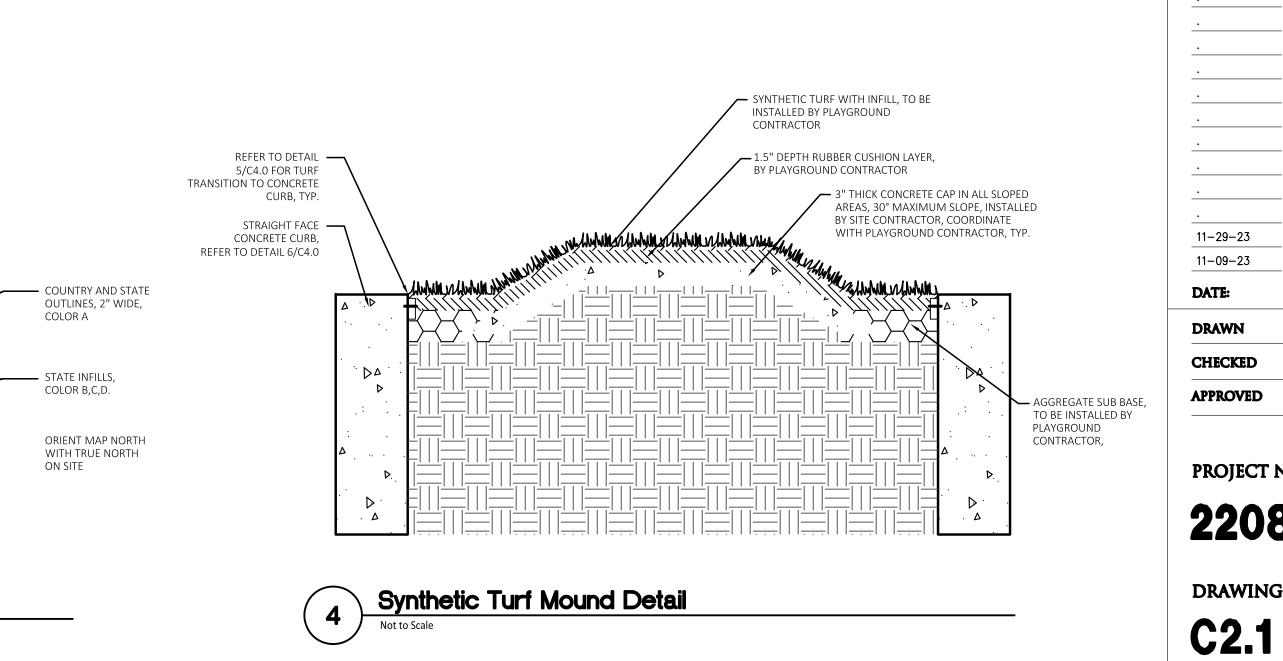
# WORK.

# LAYOUT NOTES:

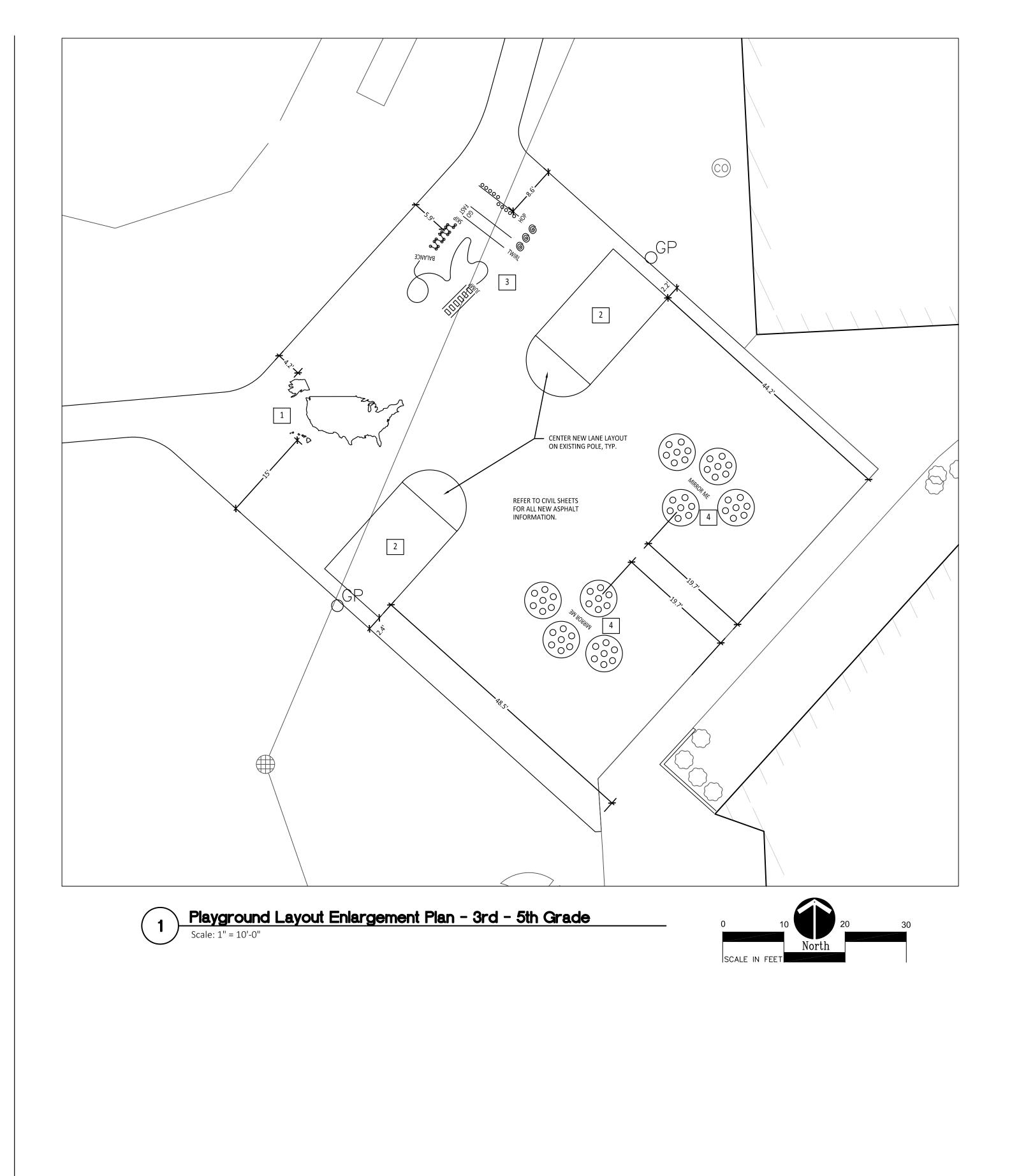
- SURVEY OF EXISTING CONDITIONS PROVIDED BY PEA GROUP, 1849 POND RUN, AUBURN HILLS, MICHIGAN 48326, (248)689-9090. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT OR BACK OF CURB. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BE REPORTED TO THE PROJECT MANAGER IMMEDIATELY.
- VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES PRIOR TO BEGINNING WORK. 72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800-482-7171.
- PROVIDE BARRIER FREE PARKING SIGNS FOR ALL BARRIER FREE PARKING SPACES. ALL SIGNS TO COMPLY WITH THE MDOT MICHIGAN MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
- SITE LAYOUT POINTS SHOULD BE ESTABLISHED AND PROTECTED FOR FUTURE SITE

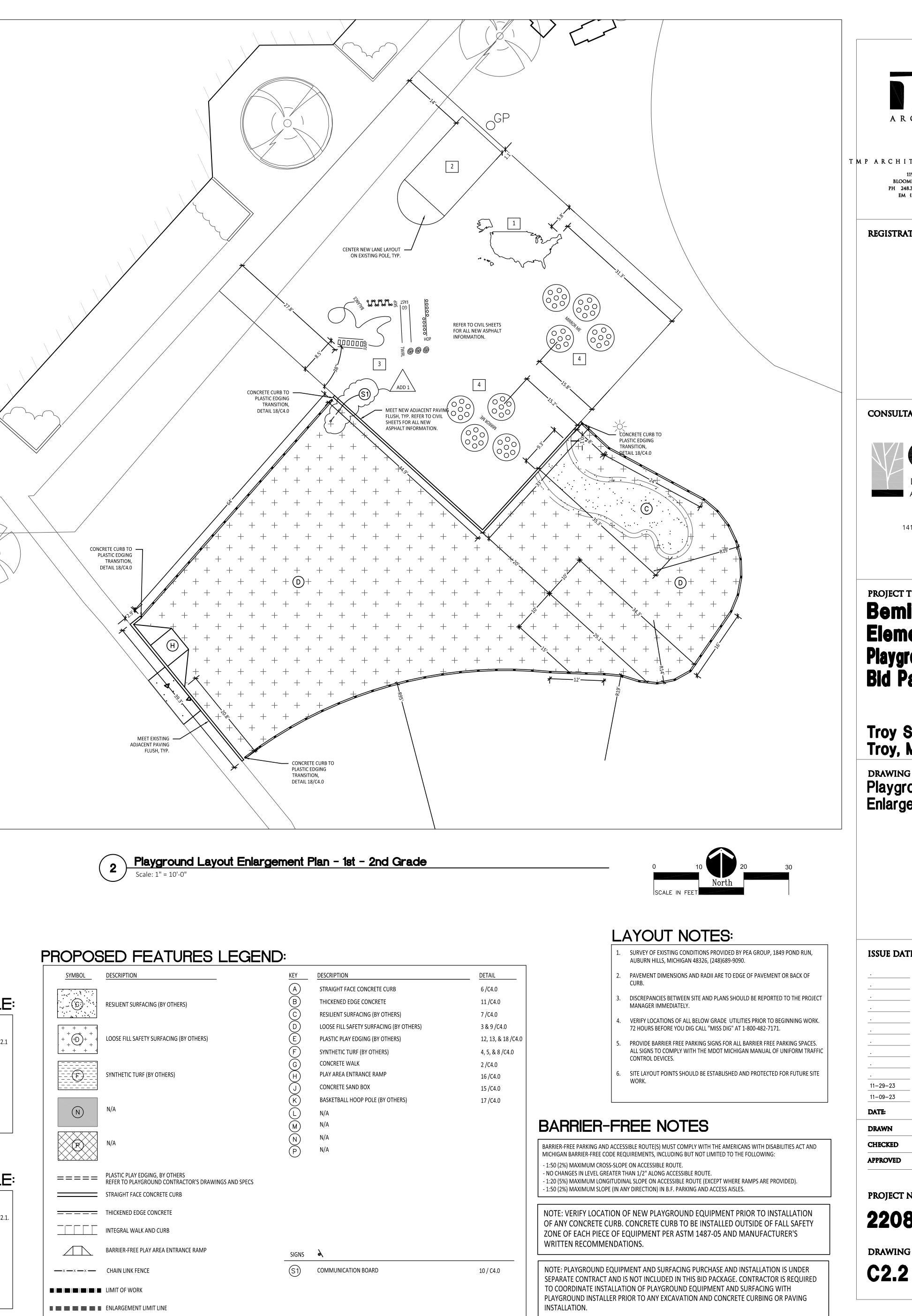
### REGISTRA

| SYMBOL        | DESCRIPTION   | KEY        | DESCRIPTION                             | DETAIL             |       |
|---------------|---|------------|---|--------------------|-------|
| •             |   | A          | STRAIGHT FACE CONCRETE CURB             | 6 /C4.0            |       |
|               | RESILIENT SURFACING (BY OTHERS)                     | B          | THICKENED EDGE CONCRETE                 | 11 /C4.0           |       |
|               |   | Č          | RESILIENT SURFACING (BY OTHERS)         | 7 /C4.0            |       |
| + + + +       |   | D          | LOOSE FILL SAFETY SURFACING (BY OTHERS) | 3 & 9 /C4.0        |       |
| + + + + + + + | LOOSE FILL SAFETY SURFACING (BY OTHERS)             | Ē          | PLASTIC PLAY EDGING (BY OTHERS)         | 12, 13, & 18 /C4.0 |       |
| + $+$ $+$ $+$ |   | F          | SYNTHETIC TURF (BY OTHERS)              | 4, 5, & 8 /C4.0    |       |
|               |   | (G)        | CONCRETE WALK                           | 2 /C4.0            |       |
|               | SYNTHETIC TURF (BY OTHERS)                          | (H)        | PLAY AREA ENTRANCE RAMP                 | 16 /C4.0           |       |
|               |   | Ĵ          | CONCRETE SAND BOX                       | 15 /C4.0           |       |
|               |   | ĸ          | BASKETBALL HOOP POLE (BY OTHERS)        | 17 /C4.0           |       |
| N             | N/A   | Ĺ          | N/A                                     |                    |       |
|               |   | M          | N/A                                     |                    | CONS  |
|               |   | Ň          | N/A                                     |                    |       |
| $\times$      | N/A   | (P)        | N/A                                     |                    |       |
| XXXXX         |   | $\bigcirc$ |   |                    |       |
| ====          | PLASTIC PLAY EDGING, BY OTHERS                      |            |   |                    |       |
|               | REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS |            |   |                    |       |
|               | STRAIGHT FACE CONCRETE CURB                         |            |   |                    |       |
|               | THICKENED EDGE CONCRETE                             |            |   |                    |       |
| -             |   |            |   |                    |       |
|               | INTEGRAL WALK AND CURB                              |            |   |                    |       |
|               | BARRIER-FREE PLAY AREA ENTRANCE RAMP                | SIGNS      | à                                       |                    |       |
|               |   |            |   |                    |       |
| -x — x — x —  | CHAIN LINK FENCE                                    | (S1)       | COMMUNICATION BOARD                     | 10 / C4.0          |       |
|               |   |            |   |                    |       |
|               | —   |            |   |                    |       |
|               | ENLARGEMENT LIMIT LINE                              |            |   |                    | PROJE |



|  | TECTURE INC   |
|--|---|
| BLOOM<br>PH 248  | 191 WEST SQUARE LAKE ROAD<br>MFIELD HILLS MICHIGAN 48302<br>3.338.4561 FX 248.338.0223<br>1NFO ¶MP-ARCHITECTURE.COM |
| REGISTRA   | TION SEAL   |
| CONSULT  |   |
|  | <b>OCBA</b><br>LANDSCAPE<br>ARCHITECTS  |
| 14   | 11 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007<br>Phone (269) 381-3357<br>Fax (269) 381-2944          |
| Playgr<br>Bid P<br>Troy S<br>Troy, I<br>DRAWING<br>Playgr<br>Enlarge | entary School<br>ound Renovation<br>ackage No.01A<br>School District<br>Michigan                                    |
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| ·<br>·<br>·  | ·   |
| 11-29-23<br>11-09-23   | ADDENDUM #1<br>CONSTRUCTION DOCUMENTS   |
| DATE:<br>DRAWN<br>CHECKED  | ISSUED FOR:   |
| APPROVED   |   |
|  |   |
| PROJECT  <br>2208  |   |





|                      | SYMBOL   | DESCRIPTION  | KEY         | DESCRIPTIC                            |
|----------------------|--|--|-------------|---------------------------------------|
| DULE                 |  | RESILIENT SURFACING (BY OTHERS)  | A<br>B<br>C | STRAIGHT<br>THICKENEI<br>RESILIENT    |
| L<br>PECS., 3 / C2.1 | $ \begin{array}{c} + & + & + & + \\ + & + & + \\ + & + & + \\ + & + &$ | LOOSE FILL SAFETY SURFACING (BY OTHERS)  | D<br>E<br>F | LOOSE FILI<br>PLASTIC PI<br>SYNTHETIC |
| .0                   |  | SYNTHETIC TURF (BY OTHERS)   |             | CONCRETE<br>PLAY AREA<br>CONCRETE     |
| .1                   | N  | N/A  | K<br>L<br>K | BASKETBA<br>N/A<br>N/A                |
|                      |  | N/A  | )<br>Z<br>P | N/A<br>N/A                            |
| DULE:                | =====  | PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS<br>STRAIGHT FACE CONCRETE CURB |             |                                       |
| PECS., 3 / C2.1.     |  | THICKENED EDGE CONCRETE  |             |                                       |
| .0                   |  | INTEGRAL WALK AND CURB   |             |                                       |
| .0                   |  | BARRIER-FREE PLAY AREA ENTRANCE RAMP   | SIGNS       | 2                                     |
| .1                   | xx x   | CHAIN LINK FENCE   | S1)         | COMMUNI                               |
|                      |  | LIMIT OF WORK  |             |                                       |
|                      |  | ENLARGEMENT LIMIT LINE   |             |                                       |

# 1ST - 2ND GRADE

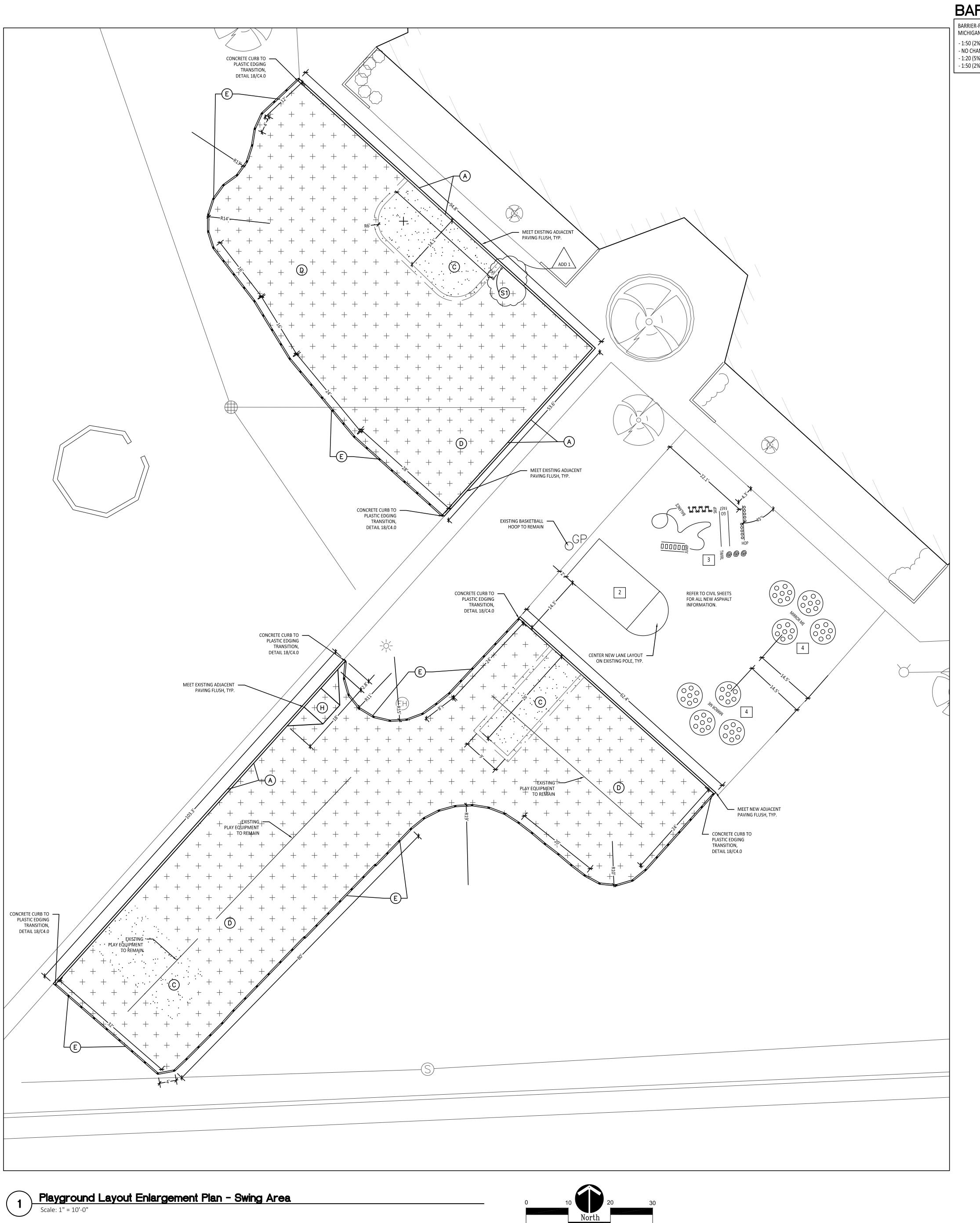
5 N/A

| PAIN   | TED GAMES SCH          | IEDULE               |
|--------|------------------------|----------------------|
| SYMBOL | DESCRIPTION            | DETAIL               |
| 1      | MAP OF UNITED STATES   | SEE SPECS., 3 / C2.1 |
| 2      | BASKETBALL LANE LAYOUT | 2 / C2.0             |
| 3      | SILLY TRACK            | 3 / C2.0             |
| 4      | MIRROR ME              | 2 / C2.1             |
|        |                        |                      |

# 3RD - 5TH GRADE PAINTED GAMES SCHED

| SYMBOL | DESCRIPTION            | DETAIL               |
|--------|------------------------|----------------------|
| 1      | MAP OF UNITED STATES   | SEE SPECS., 3 / C2.1 |
| 2      | BASKETBALL LANE LAYOUT | 2 / C2.0             |
| 3      | SILLY TRACK            | 3 / C2.0             |
| 4      | MIRROR ME              | 2 / C2.1             |
| 5      | N/A                    |                      |

| TECTURE INC<br>1191 west square lake road  |
|--|
| MFIELD HILLS MICHIGAN 48302<br>8.338.4561 FX 248.338.0223  |
| INFO @MP-ARCHITECTURE.COM  |
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| L A N D S C A P E<br>A R C H I T E C T S   |
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| 41 E. Michigan Avenue, Suite 500   |
| Kalamazoo Michigan 49007<br>Phone (269) 381-3357<br>Fax (269) 381-2944   |
| Fax (207) 301-2744   |
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| Package No.01A   School District   Michigan   STITLE   Ound Layout   ement Plans     Image: State St |



SCALE IN

|                                       | EE NOTES  |            | LAYOUT NOTES:  |   |         |
|---------------------------------------|---|------------|--|---|---------|
|                                       | E ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES A<br>EMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  | CT AND     | 1. SURVEY OF EXISTING CONDITIONS PROVIDED BY PEA (<br>AUBURN HILLS, MICHIGAN 48326, (248)689-9090.                     | GROUP, 1849 POND RUN,                       |         |
|                                       | ACCESSIBLE ROUTE.<br>1/2" ALONG ACCESSIBLE ROUTE.   |            | 2. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF  | PAVEMENT OR BACK OF                         |         |
| 1 LONGITUDINAL S                      | LOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED).<br>RECTION) IN B.F. PARKING AND ACCESS AISLES.  |            | CURB.<br>3. DISCREPANCIES BETWEEN SITE AND PLANS SHOULD BI   | F REPORTED TO THE PROJECT                   |         |
| DTE: VERIEV I                         | OCATION OF NEW PLAYGROUND EQUIPMENT PRIOR   | то         | MANAGER IMMEDIATELY.   |   |         |
| FALLATION (                           | OF ANY CONCRETE CURB. CONCRETE CURB TO BE INS   | TALLED     | 4. VERIFY LOCATIONS OF ALL BELOW GRADE UTILITIES P<br>72 HOURS BEFORE YOU DIG CALL "MISS DIG" AT 1-800                 |   | A       |
|                                       | LL SAFETY ZONE OF EACH PIECE OF EQUIPMENT PER<br>IANUFACTURER'S WRITTEN RECOMMENDATIONS.  | ASTIVI     | 5. PROVIDE BARRIER FREE PARKING SIGNS FOR ALL BARR<br>ALL SIGNS TO COMPLY WITH THE MDOT MICHIGAN M<br>CONTROL DEVICES. |   |         |
|                                       | JND EQUIPMENT AND SURFACING PURCHASE AND INSTA  |            | 6. SITE LAYOUT POINTS SHOULD BE ESTABLISHED AND PI<br>WORK.  | ROTECTED FOR FUTURE SITE                    | TMP ARC |
| ITRACTOR IS                           | ATE CONTRACT AND IS NOT INCLUDED IN THIS BID PACKA<br>REQUIRED TO COORDINATE INSTALLATION OF PLAYGROU   | ND         | WORK.  |   | В       |
| •                                     | ) SURFACING WITH PLAYGROUND INSTALLER PRIOR TO AN<br>D CONCRETE CURBING OR PAVING INSTALLATION.   | 1Y   L     |  |   | РН      |
|                                       |   |            |  |   |         |
| DPOS                                  | ED FEATURES LEGEN   | D:         |  |   | REGIST  |
| (MBOL                                 | DESCRIPTION   | KEY        | DESCRIPTION  | DETAIL                                      |         |
|                                       |   | (A)        | STRAIGHT FACE CONCRETE CURB  | 6 /C4.0                                     |         |
| <u>c</u> )                            | RESILIENT SURFACING (BY OTHERS)   | В          |  | 11 /C4.0                                    |         |
| <u></u>                               |   | (C)<br>(D) | RESILIENT SURFACING (BY OTHERS)<br>LOOSE FILL SAFETY SURFACING (BY OTHERS)   | 7 /C4.0<br>3 & 9 /C4.0                      |         |
| + + + + + + + + + + + + + + + + + + + | LOOSE FILL SAFETY SURFACING (BY OTHERS)   | E          | PLASTIC PLAY EDGING (BY OTHERS)  | 12, 13, & 18 /C4.0                          |         |
|                                       |   | (F)        | SYNTHETIC TURF (BY OTHERS)   | 4, 5, & 8 /C4.0                             |         |
|                                       |   |            |  |   |         |
|                                       |   | $\simeq$   | CONCRETE WALK  | 2 /C4.0                                     |         |
|                                       | SYNTHETIC TURF (BY OTHERS)  | G<br>H     |  |   |         |
|                                       | SYNTHETIC TURF (BY OTHERS)  | G          | CONCRETE WALK  | 2 /C4.0                                     |         |
|                                       |   | G          | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP   | 2 /C4.0<br>16 /C4.0                         |         |
|                                       | SYNTHETIC TURF (BY OTHERS)<br>N/A   |            | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A               | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             |         |
|                                       |   |            | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             |         |
|                                       |   | ZZTXCIE    | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |
|                                       | N/A   |            | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS  | ZZTXCIE    | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS   | ZZTXCIE    | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSL   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS<br>STRAIGHT FACE CONCRETE CURB  | ZZTXCIE    | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS<br>STRAIGHT FACE CONCRETE CURB<br>THICKENED EDGE CONCRETE   | ZZTXCIE    | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A        | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS<br>STRAIGHT FACE CONCRETE CURB<br>THICKENED EDGE CONCRETE<br>INTEGRAL WALK AND CURB   | OESCUSE)   | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A<br>N/A | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS<br>STRAIGHT FACE CONCRETE CURB<br>THICKENED EDGE CONCRETE<br>INTEGRAL WALK AND CURB<br>BARRIER-FREE PLAY AREA ENTRANCE RAMP |            | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A<br>N/A | 2 /C4.0<br>16 /C4.0<br>15 /C4.0<br>17 /C4.0 | CONSU   |
|                                       | N/A<br>N/A<br>PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS<br>STRAIGHT FACE CONCRETE CURB<br>THICKENED EDGE CONCRETE<br>INTEGRAL WALK AND CURB   | OESCUSE)   | CONCRETE WALK<br>PLAY AREA ENTRANCE RAMP<br>CONCRETE SAND BOX<br>BASKETBALL HOOP POLE (BY OTHERS)<br>N/A<br>N/A<br>N/A | 2 /C4.0<br>16 /C4.0<br>15 /C4.0             | CONSU   |

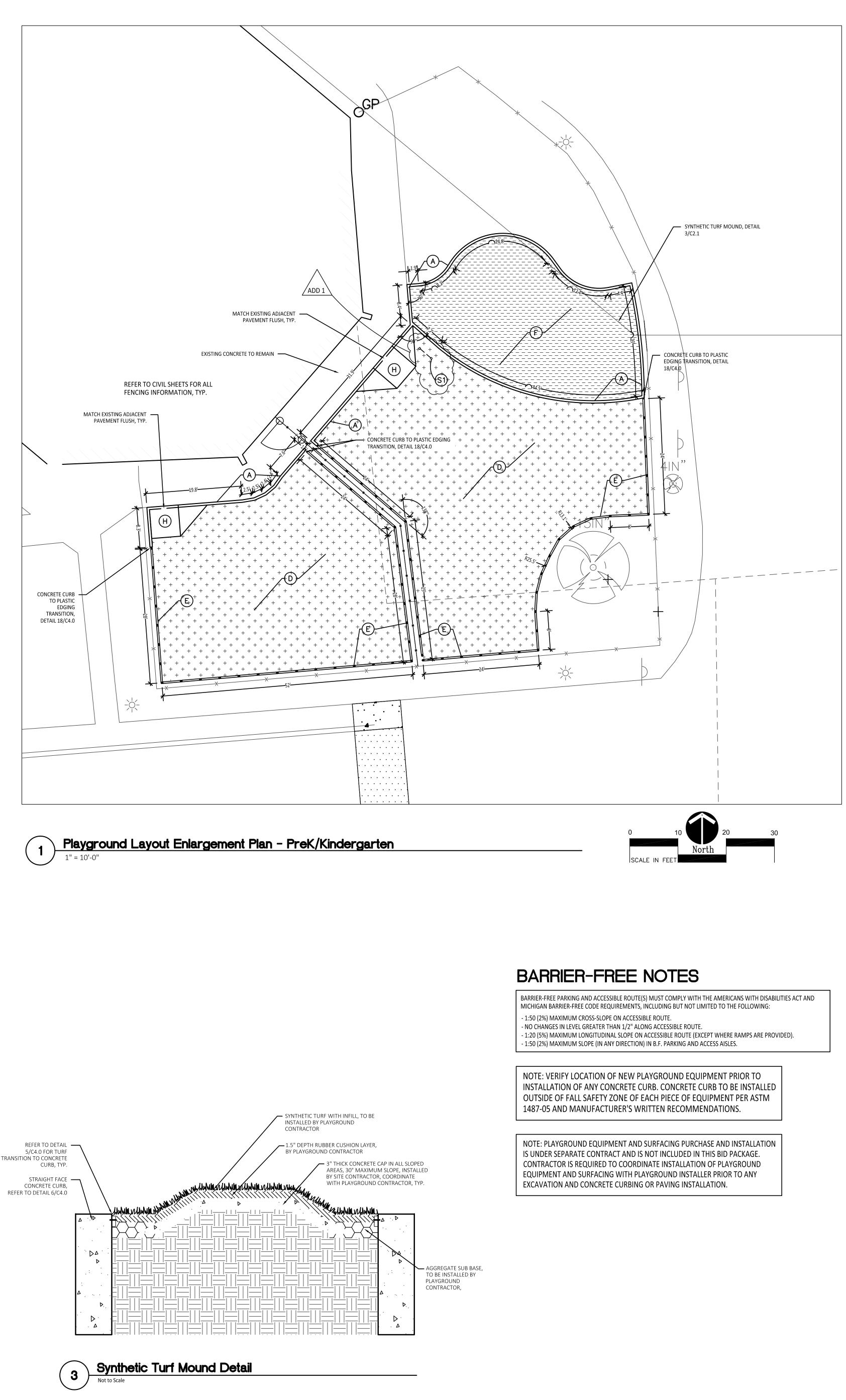
# SWING AREA PAINTED GAMES SCHEDULE:

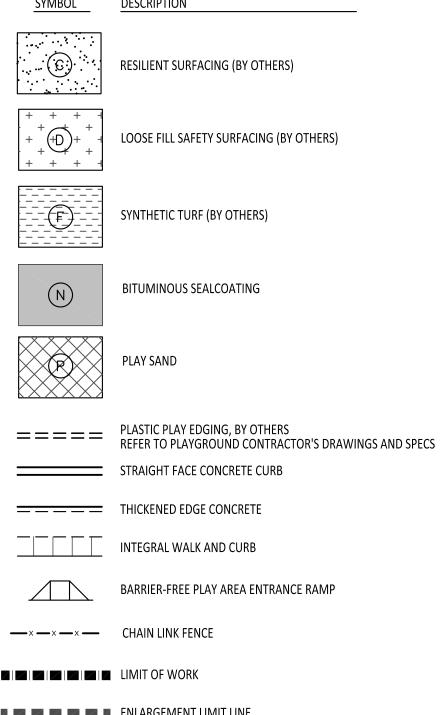
| SYMBOL | DESCRIPTION            | DETAIL   |
|--------|------------------------|----------|
| 1      | N/A                    |          |
| 2      | BASKETBALL LANE LAYOUT | 2 / C2.0 |
| 3      | SILLY TRACK            | 3 / C2.0 |
| 4      | MIRROR ME              | 2 / C2.1 |
| 5      | N/A                    |          |

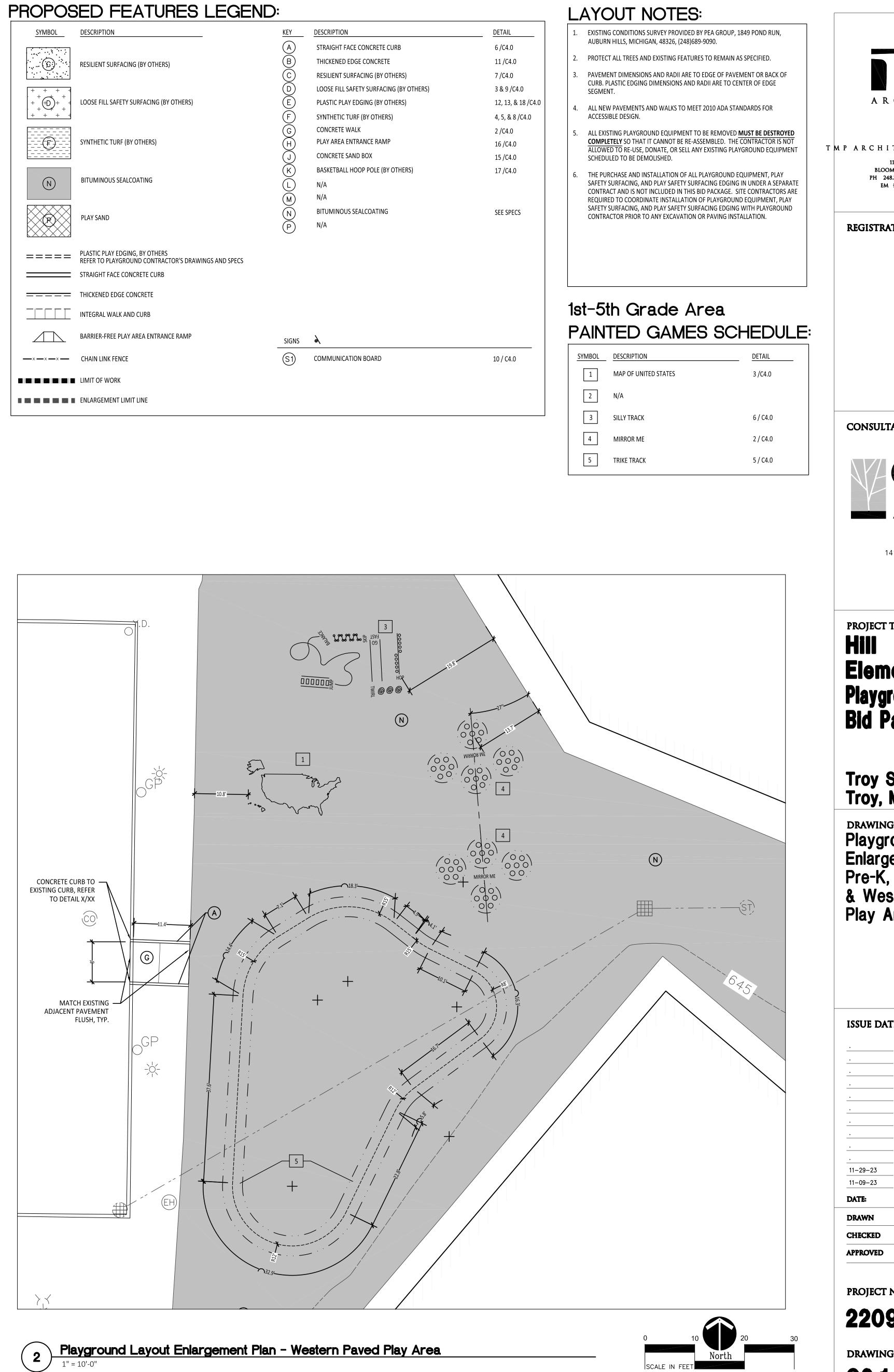


|                                       | C H I T E C T U R E   |
|---------------------------------------|---|
| 11                                    | FECTURE INC<br>91 WEST SQUARE LAKE ROAD   |
| PH 248.                               | FIELD HILLS MICHIGAN 48302<br>338.4561 FX 248.338.0223<br>INFO TMP-ARCHITECTURE.COM |
| REGISTRAT                             | TON SEAL  |
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| CONSULTA                              | NT  |
|                                       | OCBA  |
|                                       | LANDSCAPE<br>ARCHITECTS   |
| 14                                    | 1 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007                         |
|                                       | Phone (269) 381-3357<br>Fax (269) 381-2944  |
| project t                             |   |
| Elem                                  | entary School   |
|                                       | ound Renovation<br>Ackage No.01A  |
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|                                       | TECTURE INC  |
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| BLOOM<br>PH 248.                      | 191 WEST SQUARE LAKE ROAD<br>Afield Hills Michigan 48302<br>338.4561 FX 248.338.0223<br>Anfo TMP-Architecture.com                            |
| REGISTRA                              | TION SEAL  |
| CONSULT                               | <b>N</b> T   |
|                                       | OCBA<br>LANDSCAPE<br>ARCHITECTS<br>1 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007<br>Phone (269) 381-3357<br>Fax (269) 381-2944 |
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|                                       | TITLE<br>Cound Layout<br>Ement Plans   |
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| 11-29-23<br>11-09-23<br><b>DATE:</b>  | ADDENDUM #1<br>CONSTRUCTION DOCUMENTS<br>ISSUED FOR:   |
| 11-09-23                              | CONSTRUCTION DOCUMENTS   |
| 11-09-23<br>DATE:<br>DRAWN            | CONSTRUCTION DOCUMENTS ISSUED FOR:   |
| 11-09-23<br>DATE:<br>DRAWN<br>CHECKED | CONSTRUCTION DOCUMENTS<br>ISSUED FOR:<br><br><br><br>NO.<br>B7B  |









DRAWING **C2.1** 

SCALE IN

| CHITECTURE  |
|---|
| TECTURE INC   |
| 1191 WEST SQUARE LAKE ROAD<br>MFIELD HILLS MICHIGAN 48302<br>8.338.4561 FX 248.338.0223<br>INFO TMP-ARCHITECTURE.COM  |
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| OCBA  |
| L A N D S C A P E<br>A R C H I T E C T S  |
| 41 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007  |
| Phone (269) 381-3357<br>Fax (269) 381-2944  |
| TITLE   |
|   |
| entary School<br>round Renovation   |
| ackage No.01A   |
|   |
| School District<br>Michigan   |
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) Playground Layout Enlargement Plan - 1st - 5th Grade North SCALE IN FEET

# BARRIER-FREE NOTES

BARRIER-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND MICHIGAN BARRIER-FREE CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING: - 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE.

- NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE. - 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED). - 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.

| SYMBOL  | DESCRIPTION   | KEY   | DESCRIPTION                             | DETAIL             |
|---------|---|-------|---|--------------------|
|         |   | A     | STRAIGHT FACE CONCRETE CURB             | 6 /C4.0            |
|         | RESILIENT SURFACING (BY OTHERS)   | B     | THICKENED EDGE CONCRETE                 | 11 /C4.0           |
|         |   | Ō     | RESILIENT SURFACING (BY OTHERS)         | 7 /C4.0            |
| + + + + |   | D     | LOOSE FILL SAFETY SURFACING (BY OTHERS) | 3 & 9 /C4.0        |
|         | LOOSE FILL SAFETY SURFACING (BY OTHERS)   | E     | PLASTIC PLAY EDGING (BY OTHERS)         | 12, 13, & 18 /C4.0 |
| + + + + |   | F     | SYNTHETIC TURF (BY OTHERS)              | 4, 5, & 8 /C4.0    |
|         |   | G     | CONCRETE WALK                           | 2 /C4.0            |
|         | SYNTHETIC TURF (BY OTHERS)  | H     | PLAY AREA ENTRANCE RAMP                 | 16 /C4.0           |
|         |   | J     | CONCRETE SAND BOX                       | 15 /C4.0           |
|         |   | (K)   | BASKETBALL HOOP POLE (BY OTHERS)        | 17 /C4.0           |
| N       | BITUMINOUS SEALCOATING  |       | N/A                                     |                    |
|         |   | M     | N/A                                     |                    |
|         | PLAY SAND   | N     | BITUMINOUS SEALCOATING                  | SEE SPECS          |
|         |   | P     | N/A                                     |                    |
| =====   | PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS |       |   |                    |
|         | STRAIGHT FACE CONCRETE CURB   |       |   |                    |
|         | THICKENED EDGE CONCRETE   |       |   |                    |
|         | INTEGRAL WALK AND CURB  |       |   |                    |
|         | BARRIER-FREE PLAY AREA ENTRANCE RAMP  | SIGNS | À                                       |                    |
| x x x   | CHAIN LINK FENCE  | S1)   | COMMUNICATION BOARD                     | 10 / C4.0          |
|         | LIMIT OF WORK   |       |   |                    |
|         | ENLARGEMENT LIMIT LINE  |       |   |                    |

# LAYOUT NOTES:

- EXISTING CONDITIONS SURVEY PROVIDED BY PEA GROUP, 1849 POND RUN, AUBURN HILLS, MICHIGAN, 48326, (248)689-9090.
- PROTECT ALL TREES AND EXISTING FEATURES TO REMAIN AS SPECIFIED. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF PAVEMENT OR BACK OF CURB. PLASTIC EDGING DIMENSIONS AND RADII ARE TO CENTER OF EDGE
- SEGMENT. ALL NEW PAVEMENTS AND WALKS TO MEET 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.
- ALL EXISTING PLAYGROUND EQUIPMENT TO BE REMOVED MUST BE DESTROYED COMPLETELY SO THAT IT CANNOT BE RE-ASSEMBLED. THE CONTRACTOR IS NOT ALLOWED TO RE-USE, DONATE, OR SELL ANY EXISTING PLAYGROUND EQUIPMENT SCHEDULED TO BE DEMOLISHED.
- THE PURCHASE AND INSTALLATION OF ALL PLAYGROUND EQUIPMENT, PLAY SAFETY SURFACING, AND PLAY SAFETY SURFACING EDGING IN UNDER A SEPARATE CONTRACT AND IS NOT INCLUDED IN THIS BID PACKAGE. SITE CONTRACTORS ARE REQUIRED TO COORDINATE INSTALLATION OF PLAYGROUND EQUIPMENT, PLAY SAFETY SURFACING, AND PLAY SAFETY SURFACING EDGING WITH PLAYGROUND CONTRACTOR PRIOR TO ANY EXCAVATION OR PAVING INSTALLATION.

# PROJECT 220

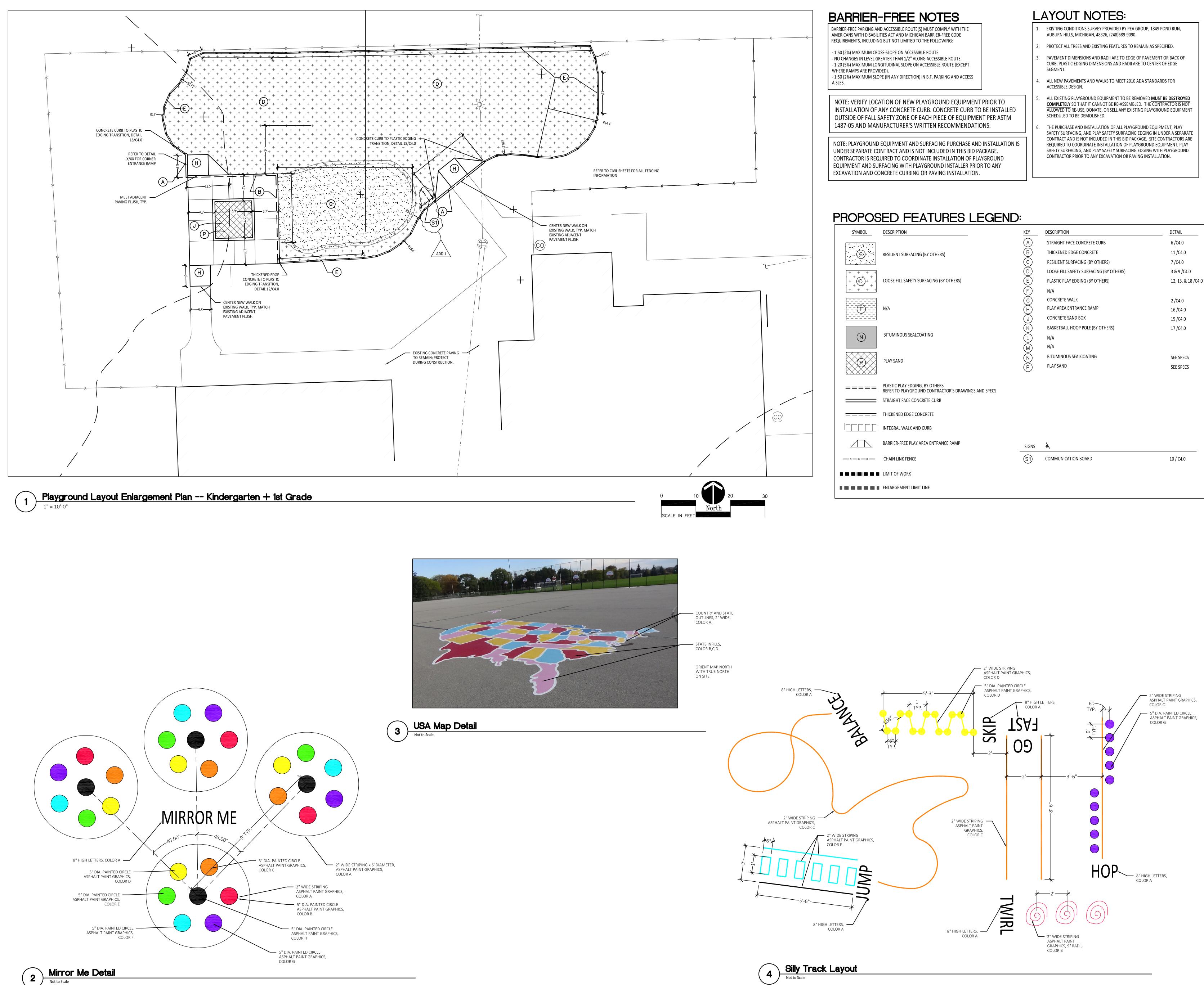
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# 1st-5th Grade Area PAINTED GAMES SCHEDULE:

| SYMBOL | DESCRIPTION          | DETAIL   |
|--------|----------------------|----------|
| 1      | MAP OF UNITED STATES | 3 /C4.0  |
| 2      | BASKETBALL LANE      | 4 /C4.0  |
| 3      | SILLY TRACK          | 6 / C4.0 |
| 4      | MIRROR ME            | 2 / C4.0 |
| 5      | TRIKE TRACK          | 5 / C4.0 |

| A R C H I T E C T U R E  |
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| PARCHITECTURE INC<br>1191 WEST SQUARE LAKE ROAD  |
| BLOOMFIELD HILLS MICHIGAN 48302<br>PH 248.338.4561 FX 248.338.0223<br>EM INFO TMP-ARCHITECTURE.COM |
|  |
| REGISTRATION SEAL  |
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| CONSULTANT   |
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| LANDSCAPE  |
| ARCHITECTS   |
| 141 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007                                      |
| Phone (269) 381-3357<br>Fax (269) 381-2944   |
| PROJECT TITLE  |
| Hill   |
| <b>Elementary School</b>   |
| <b>Playground Renovation</b>   |
| Bid Package No.01A   |
|  |
| Troy School District<br>Troy, Michigan   |
| DRAWING TITLE  |
| Playground Layout<br>Enlargement Plan  |
| 1st-5th Grades   |
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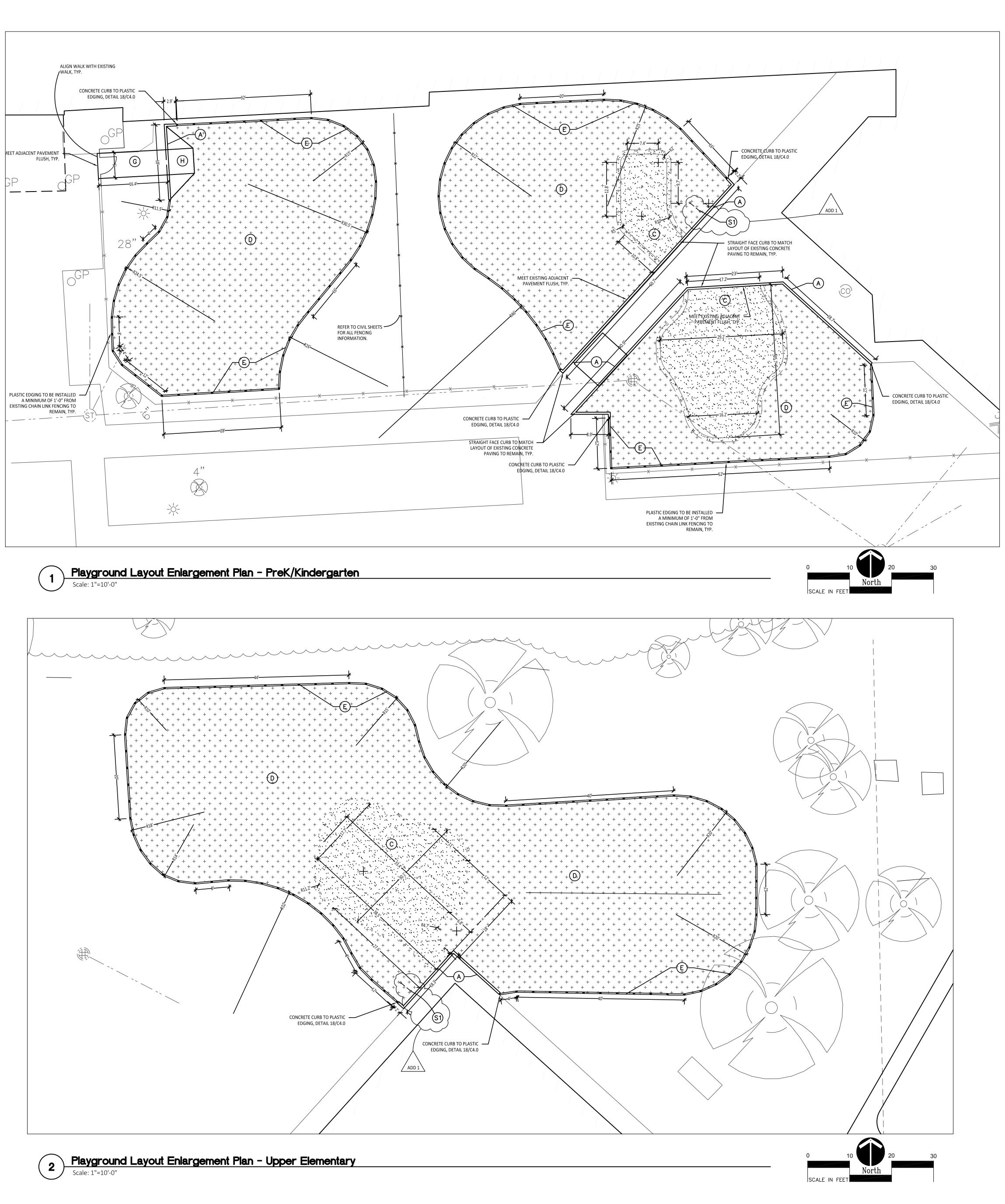
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| TECTURE INC<br>1191 WEST SQUARE LAKE ROAD<br>DMFIELD HILLS MICHIGAN 48302<br>18.338.4561 FX 248.338.0223<br>MINFO TMP-ARCHITECTURE.COM  |
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| <b>OCBA</b><br>LANDSCAPE  |
| A R C H I T E C T S<br>41 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007   |
| Phone (269) 381-3357<br>Fax (269) 381-2944  |
| TITLE<br>Cell<br>Centary School   |
| round Renovation<br>ackage No.01A   |
| School District   |
| <b>Michigan</b><br>G TITLE  |
| ound Layout<br>ement Plan -<br>garten & 1st Grade   |
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## PROPOSED FEATURES LEGEND:

| SYMBOL          | DESCRIPTION  | KEY            | DESCRIPTION  | DETAIL              |                |
|-----------------|--|----------------|--|---------------------|----------------|
|                 |  | (A)            | STRAIGHT FACE CONCRETE CURB  | 6 /C4.0             |                |
|                 | RESILIENT SURFACING (BY OTHERS)  | B              | THICKENED EDGE CONCRETE  | 11 /C4.0            |                |
|                 | ()   | $(\tilde{c})$  | RESILIENT SURFACING (BY OTHERS)  | 7 /C4.0             |                |
| + + + +         |  | (D)            | LOOSE FILL SAFETY SURFACING (BY OTHERS)  | 3 & 9 /C4.0         |                |
| + + $+$ + $+$ + | LOOSE FILL SAFETY SURFACING (BY OTHERS)  | D<br>E         | PLASTIC PLAY EDGING (BY OTHERS)  | 12, 13, & 18 /C4.0  |                |
| + + + +         |  | F              | N/A  |                     | Α              |
|                 |  | G              | CONCRETE WALK  | 2 /C4.0             |                |
| (F)             | N/A  | (H)            | PLAY AREA ENTRANCE RAMP  | 16 /C4.0            |                |
|                 |  | $(\mathbf{j})$ | N/A  | 15 /C4.0            |                |
|                 |  | ĸ              | BASKETBALL HOOP POLE (BY OTHERS)   | 17 /C4.0            | TMPARCH        |
| N               | BITUMINOUS SEALCOATING   | (L)            | N/A  |                     | BLC            |
|                 |  | M              | N/A  |                     | PH             |
|                 | N/A  | (N)            | BITUMINOUS SEALCOATING   | SEE SPECS           |                |
|                 | N/A  | P              | N/A  | SEE SPECS           |                |
| KXXXXX          |  | $\bigcirc$     |  |                     | REGISTE        |
|                 | PLASTIC PLAY EDGING, BY OTHERS   |                |  |                     |                |
|                 | REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS  |                |  |                     |                |
|                 | STRAIGHT FACE CONCRETE CURB  |                |  |                     |                |
|                 | THICKENED EDGE CONCRETE  |                |  |                     |                |
|                 | INTEGRAL WALK AND CURB   |                |  |                     |                |
|                 | BARRIER-FREE PLAY AREA ENTRANCE RAMP   | SIGNS          | ۵  |                     |                |
|                 |  |                | · · · · · · · · · · · · · · · · · · ·  |                     |                |
| — x — x — x —   | CHAIN LINK FENCE   | (S1)           | COMMUNICATION BOARD  | 10 / C4.0           |                |
|                 | LIMIT OF WORK  |                |  |                     |                |
|                 | ENLARGEMENT LIMIT LINE   |                |  |                     |                |
|                 |  |                |  |                     |                |
| NOTE: VERIFY LO | CATION OF NEW PLAYGROUND EQUIPMENT PRIOR TO  |                | LAYOUT NOTES:  |                     | CONSUI         |
|                 | F ANY CONCRETE CURB. CONCRETE CURB TO BE INSTALLED   |                | 1. EXISTING CONDITIONS SURVEY PROVIDED BY PEA GROUP,   | 1849 POND RUN,      |                |
|                 | L SAFETY ZONE OF EACH PIECE OF EQUIPMENT PER ASTM<br>ANUFACTURER'S WRITTEN RECOMMENDATIONS.          |                | AUBURN HILLS, MICHIGAN, 48326, (248)689-9090.  |                     |                |
|                 | ANOFACTORER'S WRITTEN RECOMMENDATIONS.   |                | 2. PROTECT ALL TREES AND EXISTING FEATURES TO REMAIN   | AS SPECIFIED.       | $\setminus V/$ |
|                 |  |                | 3. PAVEMENT DIMENSIONS AND RADII ARE TO EDGE OF PAV  | EMENT OR BACK OF    |                |
| NOTE: PLAYGROU  | ND EQUIPMENT AND SURFACING PURCHASE AND INSTALLATION   | 1              | CURB. PLASTIC EDGING DIMENSIONS AND RADII ARE TO C   | ENTER OF EDGE       | $\mathcal{V}$  |
|                 | TE CONTRACT AND IS NOT INCLUDED IN THIS BID PACKAGE.   |                | SEGMENT.   |                     |                |
|                 | EQUIRED TO COORDINATE INSTALLATION OF PLAYGROUND<br>SURFACING WITH PLAYGROUND INSTALLER PRIOR TO ANY |                | 4. ALL NEW PAVEMENTS AND WALKS TO MEET 2010 ADA STA<br>ACCESSIBLE DESIGN.  | ANDARDS FOR         |                |
| •               | CONCRETE CURBING OR PAVING INSTALLER PRIOR TO ANY  |                |  |                     |                |
|                 |  |                | 5. ALL EXISTING PLAYGROUND EQUIPMENT TO BE REMOVED<br>COMPLETELY SO THAT IT CANNOT BE RE-ASSEMBLED. THI<br>ALLOWED TO RE-USE, DONATE, OR SELL ANY EXISTING PLA | E CONTRACTOR IS NOT |                |

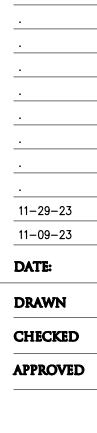
THE PURCHASE AND INSTALLATION OF ALL PLAYGROUND EQUIPMENT, PLAY SAFETY SURFACING, AND PLAY SAFETY SURFACING EDGING IN UNDER A SEPARATE CONTRACT AND IS NOT INCLUDED IN THIS BID PACKAGE. SITE CONTRACTORS ARE REQUIRED TO COORDINATE INSTALLATION OF PLAYGROUND EQUIPMENT, PLAY SAFETY SURFACING, AND PLAY SAFETY SURFACING EDGING WITH PLAYGROUND CONTRACTOR PRIOR TO ANY EXCAVATION OR PAVING INSTALLATION.

SCHEDULED TO BE DEMOLISHED.





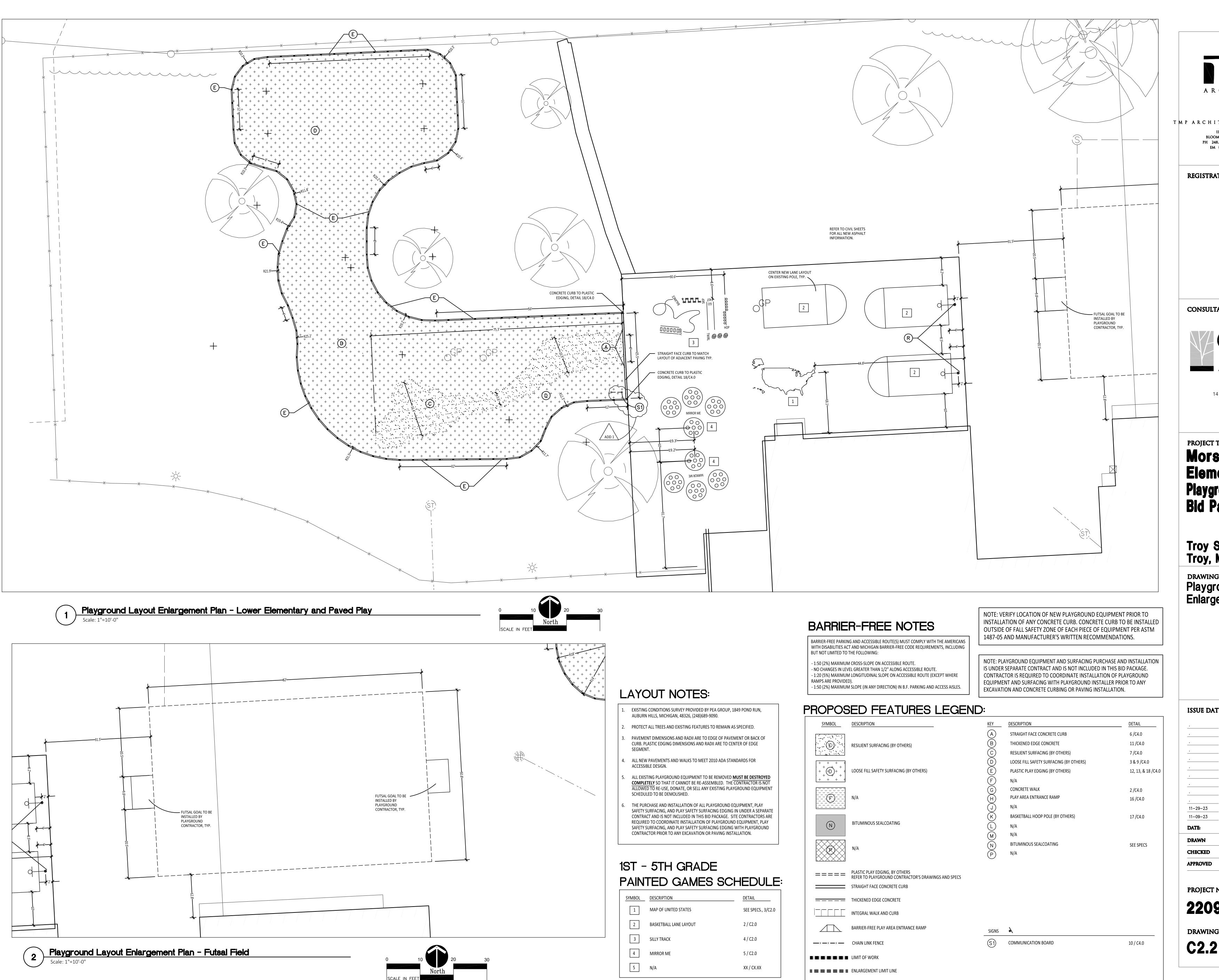
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|--|--|
| MP ARCH  | ITECTURE INC   |
| PH 2   | 1191 WEST SQUARE LAKE ROAD<br>DMFIELD HILLS MICHIGAN 48302<br>48.338.4561 FX 248.338.0223<br>A INFO TMP-ARCHITECTURE.COM   |
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| V  | LANDSCAPE  |
|  | ARCHITECTS   |
|  | 141 E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007<br>Phone (269) 381-3357<br>Fax (269) 381-2944  |
| Mor:<br>Elerr  | se<br>Ientary School   |
|  | round Renovation   |
|  | Package No.01A   |
|  |  |
|  | School District  |
| Troy,  | Michigan   |
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|  | round Layout   |
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# BARRIER-FREE NOTES

- BARRIER-FREE PARKING AND ACCESSIBLE ROUTE(S) MUST COMPLY WITH THE AMERICANS WITH DISABILITIES ACT AND MICHIGAN BARRIER-FREE CODE REQUIREMENTS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
- 1:50 (2%) MAXIMUM CROSS-SLOPE ON ACCESSIBLE ROUTE. - NO CHANGES IN LEVEL GREATER THAN 1/2" ALONG ACCESSIBLE ROUTE.
- 1:20 (5%) MAXIMUM LONGITUDINAL SLOPE ON ACCESSIBLE ROUTE (EXCEPT WHERE RAMPS ARE PROVIDED).
- 1:50 (2%) MAXIMUM SLOPE (IN ANY DIRECTION) IN B.F. PARKING AND ACCESS AISLES.



| SYMBOL   | DESCRIPTION   | KEY         | DESCRIPTION                             | DETAIL             |           |
|--|---|-------------|---|--------------------|-----------|
|  |   | (A)         | STRAIGHT FACE CONCRETE CURB             | 6 /C4.0            | •         |
| $(\overline{c})$                               | RESILIENT SURFACING (BY OTHERS)   | B           | THICKENED EDGE CONCRETE                 | 11 /C4.0           | •         |
|  |   | Č           | RESILIENT SURFACING (BY OTHERS)         | 7 /C4.0            | ·         |
| + + + 4  |   | D           | LOOSE FILL SAFETY SURFACING (BY OTHERS) | 3 & 9 /C4.0        | ·         |
| $\left[ + + + + + + + + + + + + + + + + + + +$ | LOOSE FILL SAFETY SURFACING (BY OTHERS)   | E           | PLASTIC PLAY EDGING (BY OTHERS)         | 12, 13, & 18 /C4.0 | •         |
| + + + +  |   | F           | N/A                                     |                    | ·         |
|  |   | G           | CONCRETE WALK                           | 2 /C4.0            |           |
|  | N/A   | H           | PLAY AREA ENTRANCE RAMP                 | 16 /C4.0           | •         |
|  |   | J           | N/A                                     |                    | 11-29-23  |
|  |   | (K)         | BASKETBALL HOOP POLE (BY OTHERS)        | 17 /C4.0           | 11-09-23  |
| N  | BITUMINOUS SEALCOATING  |             | N/A                                     |                    | DATE:     |
|  |   | M           | N/A                                     |                    | DRAWN     |
|  | N/A   | N           | BITUMINOUS SEALCOATING                  | SEE SPECS          |           |
|  |   | P           | N/A                                     |                    | CHECKED   |
|  |   |             |   |                    | APPROVED  |
| =====  | PLASTIC PLAY EDGING, BY OTHERS<br>REFER TO PLAYGROUND CONTRACTOR'S DRAWINGS AND SPECS |             |   |                    |           |
|  | STRAIGHT FACE CONCRETE CURB   |             |   |                    |           |
|  |   |             |   |                    | PROJECT I |
|  | THICKENED EDGE CONCRETE   |             |   |                    | 0000      |
|  | INTEGRAL WALK AND CURB  |             |   |                    | 220       |
|  | BARRIER-FREE PLAY AREA ENTRANCE RAMP  | SIGNS       | À                                       |                    | DRAWING   |
| <u> </u>                                       | CHAIN LINK FENCE  | <u>(S1)</u> | COMMUNICATION BOARD                     | 10 / C4.0          | C2.2      |
|  | LIMIT OF WORK   | -           |   |                    | V2.2      |
|  |   |             |   |                    |           |

| ARC                            | HITECTURE  |
|--------------------------------|--|
| 1191<br>Bloomf<br>Ph 248.33    | E C T U R E I N C<br>West Square lake road<br>IELD HILLS MICHIGAN 48302<br>18.4561 FX 248.338.0223<br>IFO @MP-ARCHITECTURE.COM |
| ISTRAT                         | ION SEAL   |
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| ISULTA                         | NT   |
|                                | <b>OCBA</b><br>ANDSCAPE<br>RCHITECTS   |
| 141                            | E. Michigan Avenue, Suite 500<br>Kalamazoo Michigan 49007<br>Phone (269) 381-3357<br>Fax (269) 381-2944                        |
| by So<br>by, N<br>wing<br>ygro | <b>Antary School</b><br><b>Jund Renovation</b><br><b>Chage No.01A</b><br>Chool District<br>lichigan                            |
| u go                           |  |
| E DATE                         | <b>S</b>   |
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| -23<br>-23                     | ADDENDUM #1<br>CONSTRUCTION DOCUMENTS<br>ISSUED FOR:   |
| /N<br>KED<br>DVED              | ···  |
| ject NG<br>209                 |  |
| WING                           | NO.  |