#### **CONSTRUCTION NOTES**

1. ALL DRAINAGE AND ROADWAY CONSTRUCTION SHALL MEET THE STANDARDS AND SPECIFICATIONS OF THE CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2, AND THE EL PASO COUNTY ENGINEERING CRITERIA MANUAL.

2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION AND FIELD NOTIFICATION OF ALL EXISTING UTILITIES, WHETHER SHOWN ON THE PLANS OR NOT, BEFORE BEGINNING CONSTRUCTION. LOCATION OF EXISTING UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CALL 811 TO CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC).

3. CONTRACTOR SHALL KEEP A COPY OF THESE APPROVED PLANS, THE GRADING AND EROSION CONTROL PLAN, THE STORMWATER MANAGEMENT PLAN (SWMP), THE SOILS AND GEOTECHNICAL REPORT, AND THE APPROPRIATE DESIGN AND CONSTRUCTION STANDARDS AND SPECIFICATIONS AT THE JOB SITE AT ALL TIMES, INCLUDING THE FOLLOWING:

a. EL PASO COUNTY ENGINEERING CRITERIA MANUAL (ECM)

 b. CITY OF COLORADO SPRINGS/EL PASO COUNTY DRAINAGE CRITERIA MANUAL, VOLUMES 1 AND 2
 c. COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
 d. CDOT M & S STANDARDS

4. NOTWITHSTANDING ANYTHING DEPICTED IN THESE PLANS IN WORDS OR GRAPHIC REPRESENTATION, ALL DESIGN AND CONSTRUCTION RELATED TO ROADS, STORM DRAINAGE AND EROSION CONTROL SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS OF THE MOST RECENT VERSION OF THE RELEVANT ADOPTED EL PASO COUNTY STANDARDS, INCLUDING THE LAND DEVELOPMENT CODE, THE ENGINEERING CRITERIA MANUAL, THE DRAINAGE CRITERIA MANUAL, AND THE DRAINAGE CRITERIA MANUAL VOLUME 2. ANY DEVIATIONS FROM REGULATIONS AND STANDARDS MUST BE REQUESTED, AND APPROVED, IN WRITING. ANY MODIFICATIONS NECESSARY TO MEET CRITERIA AFTER-THE-FACT WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

5. IT IS THE DESIGN ENGINEER'S RESPONSIBILITY TO ACCURATELY SHOW EXISTING CONDITIONS, BOTH ONSITE AND OFFSITE, ON THE CONSTRUCTION PLANS. ANY MODIFICATIONS NECESSARY DUE TO CONFLICTS, OMISSIONS, OR CHANGED CONDITIONS WILL BE ENTIRELY THE DEVELOPER'S RESPONSIBILITY TO RECTIFY.

6. CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (PCD) - INSPECTIONS, PRIOR TO STARTING CONSTRUCTION.

7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO UNDERSTAND THE REQUIREMENTS OF ALL JURISDICTIONAL AGENCIES AND TO OBTAIN ALL REQUIRED PERMITS, INCLUDING BUT NOT LIMITED TO EL PASO COUNTY EROSION AND STORMWATER QUALITY CONTROL PERMIT (ESQCP), REGIONAL BUILDING FLOODPLAIN DEVELOPMENT PERMIT, U.S. ARMY CORPS OF ENGINEERS-ISSUED 401 AND/OR 404 PERMITS, AND COUNTY AND STATE FUGITIVE DUST PERMITS.

8. CONTRACTOR SHALL NOT DEVIATE FROM THE PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM THE DESIGN ENGINEER AND PCD. CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IMMEDIATELY UPON DISCOVERY OF ANY ERRORS OR INCONSISTENCIES.

9. ALL STORM DRAIN PIPE SHALL BE CLASS III RCP UNLESS OTHERWISE NOTED AND APPROVED BY PCD.

10. CONTRACTOR SHALL COORDINATE GEOTECHNICAL TESTING PER ECM STANDARDS. PAVEMENT DESIGN SHALL BE APPROVED BY EL PASO COUNTY PCD PRIOR TO PLACEMENT OF CURB AND GUTTER AND PAVEMENT.

11. ALL CONSTRUCTION TRAFFIC MUST ENTER/EXIT THE SITE AT APPROVED CONSTRUCTION ACCESS

12. SIGHT VISIBILITY TRIANGLES AS IDENTIFIED IN THE PLANS SHALL BE PROVIDED AT ALL INTERSECTIONS. OBSTRUCTIONS GREATER THAN 18 INCHES ABOVE FLOWLINE ARE NOT ALLOWED WITHIN SIGHT TRIANGLES.

13. SIGNING AND STRIPING SHALL COMPLY WITH EL PASO COUNTY DOT AND MUTCD CRITERIA. [IF APPLICABLE, ADDITIONAL SIGNING AND STRIPING NOTES WILL BE PROVIDED.]

14. CONTRACTOR SHALL OBTAIN ANY PERMITS REQUIRED BY EL PASO COUNTY DOT, INCLUDING WORK WITHIN THE RIGHT-OF-WAY AND SPECIAL TRANSPORT PERMITS.

15. THE LIMITS OF CONSTRUCTION SHALL REMAIN WITHIN THE PROPERTY LINE UNLESS OTHERWISE NOTED. THE OWNER/DEVELOPER SHALL OBTAIN WRITTEN PERMISSION AND EASEMENTS, WHERE REQUIRED, FROM ADJOINING PROPERTY OWNER(S) PRIOR TO ANY OFF-SITE DISTURBANCE, GRADING, OR CONSTRUCTION.

#### SIGNING AND STRIPING NOTES

- 1. ALL SIGNS AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH THE CURRENT MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- 2. REMOVAL OF EXISTING PAVEMENT MARKINGS SHALL BE ACCOMPLISHED BY A METHOD THAT DOES NOT MATERIALLY DAMAGE THE PAVEMENT. THE PAVEMENT MARKINGS SHALL BE REMOVED TO THE EXTENT THAT THEY WILL NOT BE VISIBLE UNDER DAY OR NIGHT CONDITIONS. AT NO TIME WILL IT BE ACCEPTABLE TO PAINT OVER EXISTING PAVEMENT MARKINGS.
- ANY DEVIATION FROM THE STRIPING AND SIGNING PLAN SHALL BE APPROVED BY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT.
- 4. ALL SIGNS SHOWN ON THE SIGNING AND STRIPING PLAN SHALL BE NEW SIGNS. EXISTING SIGNS MAY
- REMAIN OR BE REUSED IF THEY MEET CURRENT EL PASO COUNTY AND MUTCD STANDARDS.

  5. STREET NAME AND REGULATORY STOP SIGNS SHALL BE ON THE SAME POST AT INTERSECTIONS.
- 6. ALL REMOVED SIGNS SHALL BE DISPOSED OF IN A PROPER MANNER BY THE CONTRACTOR.
   7. ALL STREET NAME SIGNS SHALL HAVE "D" SERIES LETTERS, WITH LOCAL ROADWAY SIGNS BEING 4"
   UPPER-LOWER CASE LETTERING ON 8" BLANK AND NON-LOCAL ROADWAY SIGNS BEING 6"
- LETTERING, UPPER-LOWER CASE ON 12" BLANK, WITH A WHITE BORDER THAT IS NOT RECESSED. MULTI-LANE ROADWAYS WITH SPEED LIMITS OF 35 MPH OR HIGHER SHALL HAVE 8" UPPER-LOWER CASE LETTERING ON 12" BLANK WITH A WHITE BORDER THAT IS NOT RECESSED. THE WIDTH OF THE NON-RECESSED WHITE BORDERS SHALL MATCH PAGE 255 OF THE 2012 MUTCD "STANDARD HIGHWAY SIGNS". SIGNAL POLE MOUNTED AND OVERHEAD STREET NAME SIGNS SHALL BE PER MUTCD SIZE STANDARDS.
- 8. ALL TRAFFIC SIGNS SHALL HAVE A MINIMUM HIGH INTENSITY PRISMATIC GRADE SHEETING.
- 9. ALL LOCAL RESIDENTIAL STREET SIGNS SHALL BE MOUNTED ON A 1.75" X 1.75" SQUARE TUBE SIGN POST AND STUB POST BASE. FOR OTHER APPLICATIONS, REFER TO THE CDOT STANDARD S-614-8 REGARDING USE OF THE P2 TUBULAR STEEL POST SLIPBASE DESIGN.
- 10. ALL SIGNS SHALL BE SINGLE SHEET ALUMINUM WITH 0.100" MINIMUM THICKNESS.
- 11. ALL LIMIT LINES/STOP LINES, CROSSWALK LINES, PAVEMENT LEGENDS, AND ARROWS SHALL BE A MINIMUM 125 MIL THICKNESS PREFORMED THERMOPLASTIC PAVEMENT MARKINGS WITH TAPERED LEADING EDGES PER CDOT STANDARD S-627-1. WORD AND SYMBOL MARKINGS SHALL BE THE NARROW TYPE. STOP BARS SHALL BE 24" IN WIDTH. CROSSWALKS LINES SHALL BE 12" WIDE AND A MINIMUM OF 8' LONG PER CDOT S-627-1. (CROSSWALK LINES 9' LONG ARE PREFERRED.)
- 12. ALL LONGITUDINAL LINES SHALL BE A MINIMUM 15MIL THICKNESS EPOXY PAINT. ALL NON-LOCAL RESIDENTIAL ROADWAYS SHALL INCLUDE BOTH RIGHT AND LEFT EDGE LINE STRIPING AND ANY ADDITIONAL STRIPING AS REQUIRED BY CDOT S-627-1.
- 13. THE CONTRACTOR SHALL NOTIFY EL PASO COUNTY PLANNING AND COMMUNITY DEVELOPMENT (719) 520-6819 PRIOR TO AND UPON COMPLETION OF SIGNING AND STRIPING.
- 14. THE CONTRACTOR SHALL OBTAIN A WORK IN THE RIGHT OF WAY PERMIT FROM THE EL PASO COUNTY DEPARTMENT OF PUBLIC WORKS (DPW) PRIOR TO ANY SIGNAGE OR STRIPING WORK WITHIN AN EXISTING EL PASO COUNTY ROADWAY.

# WEBSTER ELEMENTARY SCHOOL

CIVIL CONSTRUCTION DOCUMENTS
TRACT A, WILSONS WIDEFIELD ADDITION NO. 6
EL PASO COUNTY, STATE OF COLORADO





VICINITY MAP

Sh	eet List Table
Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	UTILITY DEMOLITION PLAN
C2.0	PAVING PLAN
C2.1	HORIZONTAL CONTROL PLAN
C2.2	SITE ACCESS
C2.3	CONSTRUCTION DETAILS
C3.0	OVERALL UTILITY PLAN
C3.1	WATER & HYDRANT PLAN
C3.2	SANITARY SERVICE PLAN
C3.3	STORM PLAN
C3.4	STORM UNDERDRAIN PLAN
C7.0	GRADING PLAN
C7.1	DETAILED BUILDING GRADING
C8.0	POND GRADING PLAN
C8.1	POND DETAILS
C9.0	GESQCP PLAN COVER SHEET
C9.1	INITIAL EROSION CONTROL PLAN
C9.2	INTERIM EROSION CONTROL PLANN
C9.3	FINAL EROSION CONTROL PLAN
C9.4	EROSION CONTROL DETAILS
C9.5	EROSION CONTROL DETAILS
C9.6	EROSION CONTROL DETAILS
C9.7	EROSION CONTROL DETAILS
L1.0	LANDSCAPE PLAN
L1.1	LANDSCAPE DETAILS
L1.2	LANDSCAPE DETAILS
L1.3	LANDSCAPE NOTES
IR1.0	IRRIGATION PLAN
IR1.1	IRRIGATION DETAILS

#### **CONTACTS**:

OWNER: WIDEFIELD SCHOOL DISTRICT 3 445 JERSEY LANE COLORADO SPRINGS, CO 80911 TEL: (719) 391-3531 CONTACT: DAVE GISH ENGINEER:
KIMLEY-HORN AND ASSOCIATES, INC.
2 NEVADA NORTH AVE., SUITE 300
COLORADO SPRINGS, CO 80903
TEL: (719) 453-0182
CONTACT: ERIC GUNDERSON, P.E.

EL PASO COUNTY:
EL PASO COUNTY
PCD DEPARTMENT
2880 INTERNATIONAL CIRCLE, SUITE 110
COLORADO SPRINGS, CO 80910
PHONE: (719) 520-6300

SURVEYOR:
DREXEL, BARRELL & CO.
3 SOUTH 7TH STREET
COLORADO SPRINGS, CO 80905
TEL: (719) 260-0887
CONTACT: TIM MCCONNELL

LAND AREA:

TOTAL PROPERTY AREA: +/- 6.51 ACRES

BENCHMARK:

THIS UTILITY/FACILITY WAS UNABLE TO BE LOCATED AND IS SHOWN IN AN APPROXIMATE/ASSUMED LOCATION BASED ON RECORD DRAWINGS OR OTHER AVAILABLE INFORMATION OR FIELD EVIDENCES, THE CONTRACTOR IS TO FIELD VERIFY THE LOCATION AND

LEGAL DESCRIPTION

TRACT A, WILSONS WIDEFIELD ADDITION NO. 6, ACCORDING TO REC. #55193130001, RECORDS OF EL PASO COUNTY, STATE OF COLORADO.

SOIL TYPE:

THE SOIL ON SITE IS USGS HYDROLOGIC SOIL GROUP B/C.

#### FLOOD ZONE DESIGNATION

ELEVATION OF THE UTILITY/FACILITY IF IT EXISTS,

FEDERAL EMERGENCY MANAGEMENT AGENCY, FLOOD INSURANCE RATE MAP, MAP NUMBER 08041C0952G, EFFECTIVE DATE DECEMBER 7, 2018 INDICATES THIS PARCEL OF LAND IS LOCATED IN ZONE X (AREA OF MINIMAL FLOOD HAZARD).

#### SITE INFORMATION:

TIMING:

ANTICIPATED STARTING AND COMPLETION TIME PERIOD OF SITE GRADING:

START: SUMMER 2022

END: SUMMER 2023

EXPECTED DATE ON WHICH THE FINAL STABILIZATION WILL BE COMPLETE:

EAS:
TOTAL DISTURBED AREA: 6.51 ACRES

ECEIVING WATERS:
NAME OF RECEIVING WATERS: EAST BIG JOHNSON, ULTIMATELY FOUNTAIN CREEK

DESCRIPTION OF EXISTING VEGETATION:

THE EXISTING SITE CURRENTLY CONTAINS AN EXISTING SCHOOL BUILDING, PARKING LOT, BALL FIELD, AND GROUND COVER CONSISTING OF 100% WEEDS, GRASSES, AND TREES

DESCRIPTION OF PERMANENT BMPS:
FULL SPECTRUM EXTENDED DETENTION BASIN

SOILS INFORMATION:
SOIL GROUP: 32% B, 68% C
SOIL SLOPES: 3 H: 1V OR LESS FOR ALL UN-RETAINED AREAS

**DEVELOPER'S STATEMENT** 

**ENGINEER'S STATEMENT** 

SPECIFICATIONS.

**EL PASO COUNTY** 

MANUAL, AS AMENDED.

DISCRETION.

IN THESE DETAILED PLANS AND SPECIFICATIONS.

THE OWNER/DEVELOPER HAVE READ AND WILL COMPLY WITH THE REQUIREMENTS OF

THESE DETAILED PLANS AND SPECIFICATIONS WERE PREPARED UNDER MY DIRECTION AND

SUPERVISION. SAID PLANS AND SPECIFICATIONS HAVE BEEN PREPARED ACCORDING TO THE CRITERIA ESTABLISHED BY THE COUNTY FOR DETAILED ROADWAY, DRAINAGE, GRADING AND EROSION CONTROL PLANS AND SPECIFICATIONS, AND SAID PLANS AND SPECIFICATIONS ARE IN CONFORMITY WITH APPLICABLE MASTER DRAINAGE PLANS AND MASTER TRANSPORTATION PLANS. SAID PLANS AND SPECIFICATIONS MEET THE PURPOSES FOR WHICH THE PARTICULAR ROADWAY AND DRAINAGE FACILITIES ARE DESIGNED AND ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. I ACCEPT RESPONSIBILITY FOR ANY LIABILITY CAUSED BY ANY NEGLIGENT ACTS, ERRORS OR OMISSIONS ON MY PART IN PREPARATION OF THESE DETAILED PLANS AND

THE GRADING AND EROSION CONTROL PLAN AND ALL OF THE REQUIREMENTS SPECIFIED

#### NOTES:

1. NO BATCH PLANTS OR MASONRY MIX STATIONS WILL BE UTILIZED ON SITE.
2. NO SPRINGS, STREAMS, WETLANDS, OR OTHER SURFACE WATER CROSS THE SITE.

## Construction

Drawn: JAR
Checked: EJG
Issued: 6 APRIL, 2022

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Area Key Plan

**DECEMBER 13, 2022** 

COVER SHEET

**CO.**0 Project No.: PPR-22-009 21-003

The LKA Partners Incorporated

PCD FILE NUMBER: PPR-22-009

JOSHUA PALMER, P.E. - COUNTY ENGINEER/ECM ADMINISTRATOR

ERIC GUNDERSON, P.E. #49487 CONTROL AND ASSOCIATES, INC.

COUNTY PLAN REVIEW IS PROVIDED ONLY FOR GENERAL CONFORMANCE WITH COUNTY DESIGN CRITERIA. THE COUNTY IS NOT RESPONSIBLE FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND/OR ELEVATIONS WHICH SHALL BE CONFIRMED AT THE JOB SITE. THE COUNTY THROUGH THE APPROVAL OF THIS DOCUMENT ASSUMES NO RESPONSIBILITY FOR COMPLETENESS AND/OR ACCURACY OF THIS DOCUMENT. FILED IN ACCORDANCE WITH THE REQUIREMENTS OF THE EL PASO COUNTY LAND DEVELOPMENT CODE, DRAINAGE CRITERIA MANUAL VOLUMES 1 AND 2, AND ENGINEERING CRITERIA

IN ACCORDANCE WITH ECM SECTION 1.12, THESE CONSTRUCTION DOCUMENTS WILL BE

EL PASO COUNTY ENGINEER. IF CONSTRUCTION HAS NOT STARTED WITHIN THOSE 2

OF REVIEW FEES AT THE PLANNING AND COMMUNITY DEVELOPMENT DIRECTOR'S

VALID FOR CONSTRUCTION FOR A PERIOD OF 2 YEARS FROM THE DATE SIGNED BY THE

YEARS, THE PLANS WILL NEED TO BE RESUBMITTED FOR APPROVAL, INCLUDING PAYMENT

PROPERTY LINE

EX. EASEMENT

EX. UNDERGROUND GAS LINE

EX. SANITARY SEWER LINE

EX. ELECTRIC LINE

UT EX. UNDERGROUND TELEPHONE LINE

EX. WATER LINE

EX. STORM SEWER

X X X X X X X DEMO EXISTING UTILITY

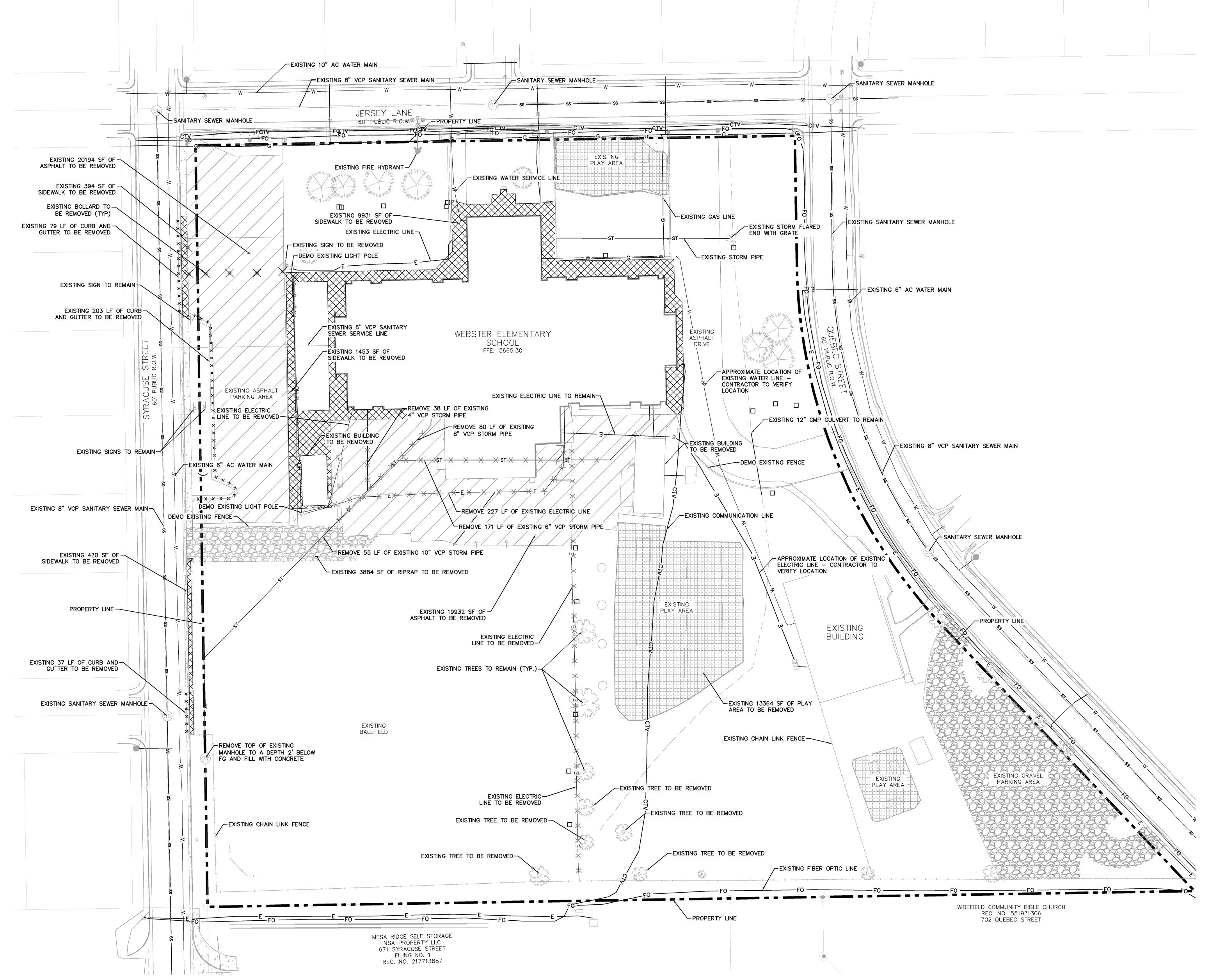
EX. DEMO EXISTING CURB AND GUTTER

DEMO EXISTING CONCRETE

DEMO EXISTING ASPHALT

#### NOTES

- 1. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
- 2. UTILITIES TO BE REMOVED ARE TO BE CAPPED IN PLACE IN ACCORDANCE WITH LOCAL UTILITY REGULATIONS.
- 3. THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES, AND WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. CONTRACTOR TO FIELD VERIFY THE LOCATION.



Cobylight Socaring Strike Stri

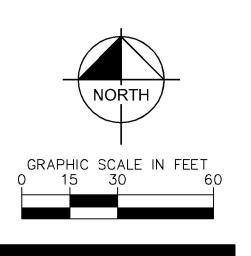
Addition and Alterations
lersey Lane, Colorado Springs, CO 8091



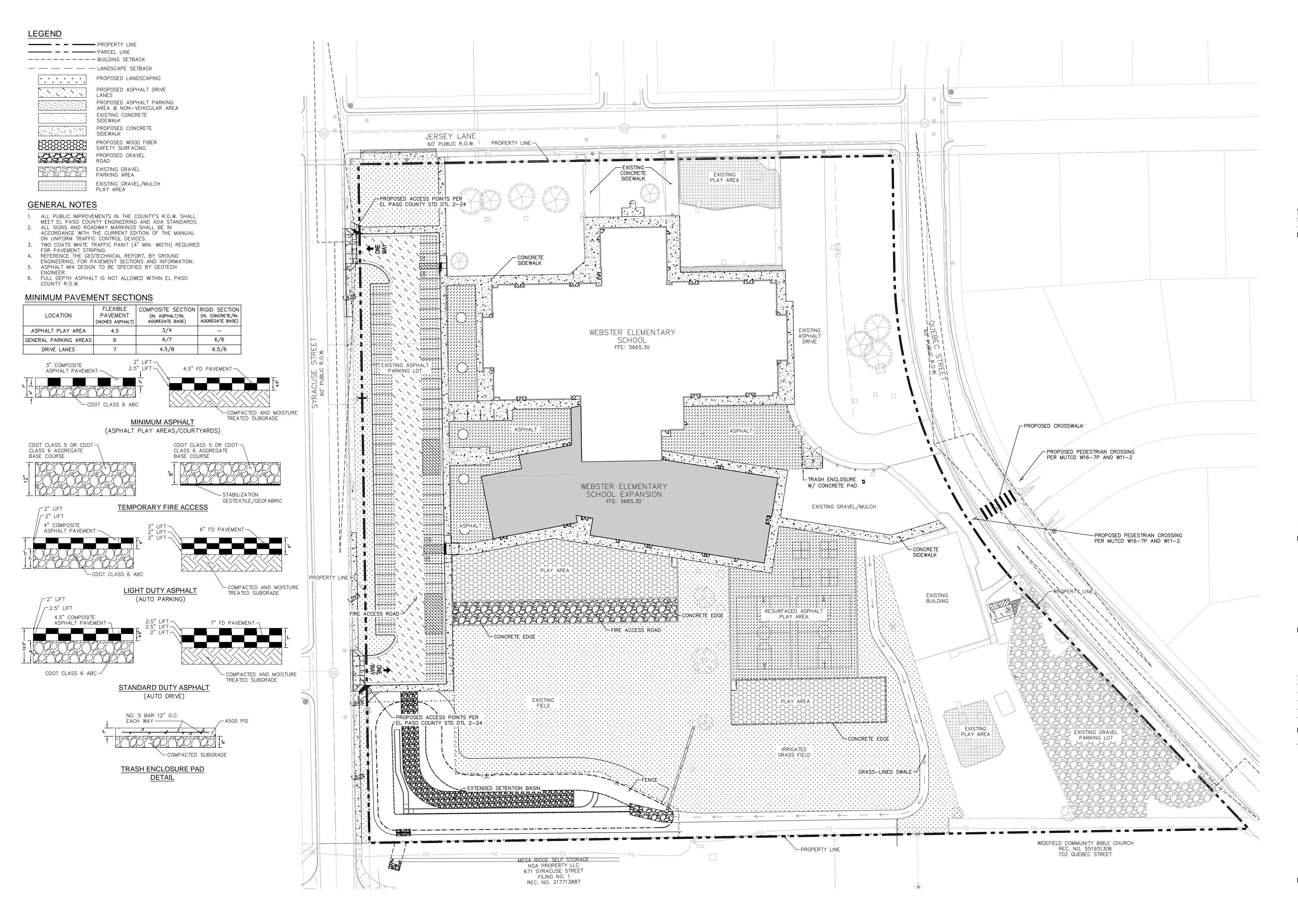
Construction Documents

Drawn:JARChecked:EJGIssued:6 APRIL, 2022Revised:DECEMBER 13, 2022

Area Key Plan



UTILITY DEMOLITION PLAN



Addition and Alterations Addition and Alterations

Addition and Alterations

Addition and Alterations

By Lane, Colorado Springs, CO 80911

Widefield School District 3

Colorado Springs, CO. 80911

Colorado Springs, CO. 80911

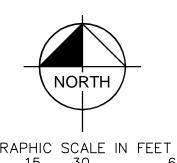
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Drawn: JAR
Checked: EJG
Issued: 6 APRIL, 2022
Revised: DECEMBER 13, 2022

Area Key Plan



PAVING PLAN

#### LEGEND

---- BUILDING SETBACK — — — — LANDSCAPE SETBACK

PROPOSED LANDSCAPING EXISTING CONCRETE SIDEWALK PROPOSED CONCRETE SIDEWALK

PROPOSED WOOD FIBER SAFETY SURFACING

PROPOSED GRAVEL

EXISTING GRAVEL PARKING AREA

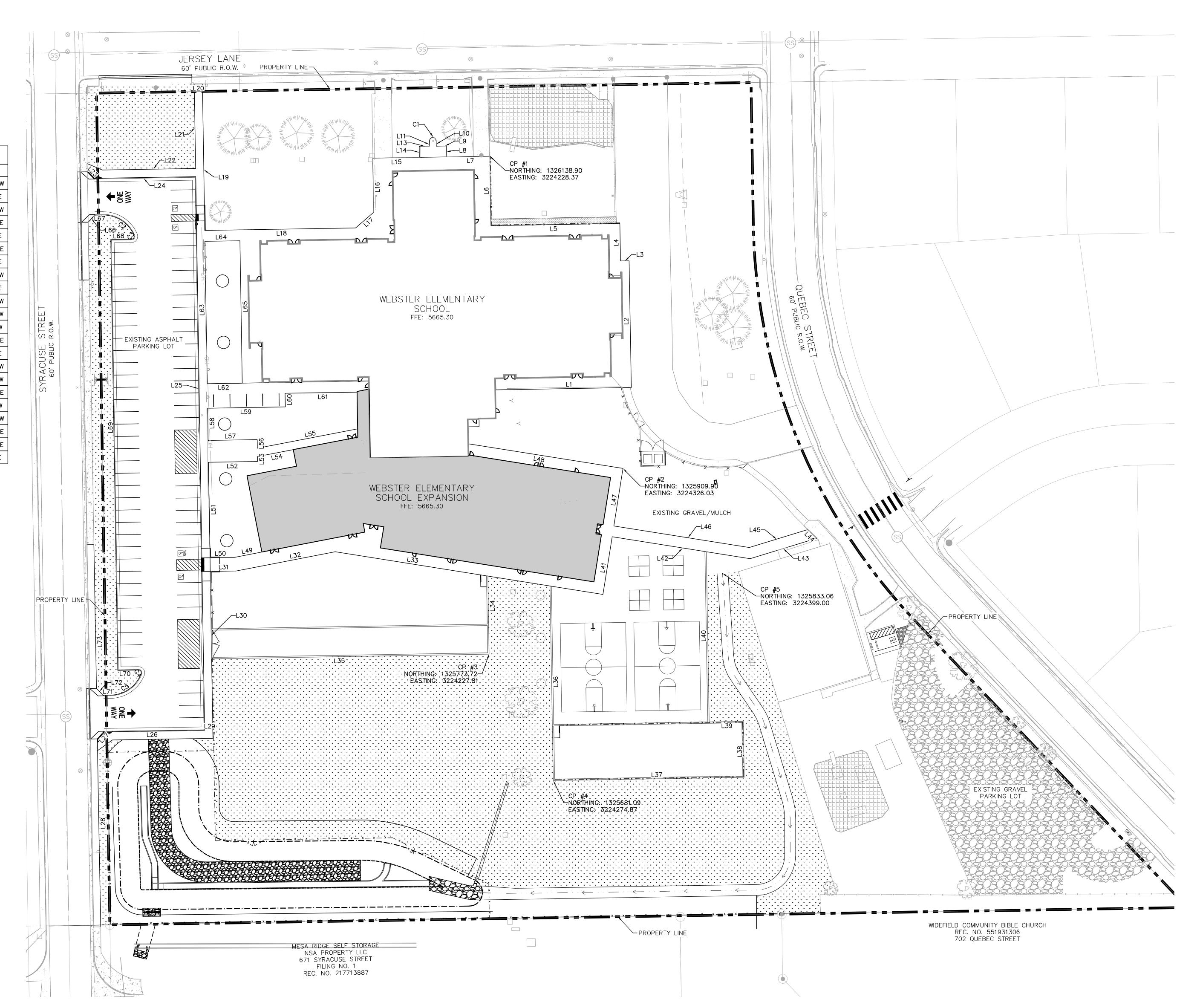
EXISTING GRAVEL/MULCH PLAY AREA

	LINE	TABLE		LINE	TABLE			LINE	TABLE
LINE	LENGTH	BEARING	LINE	LENGTH	BEARING		LINE	LENGTH	BEARING
L1	99.33	N89'02'37.12"E	L27	7.49	S41.49,48.98,W		L52	36.00	S89'04'50.57"W
L2	92.90	N0'57'22.88"W	L28	137.78	S1'00'24.67"E		L53	3.62	S0.55'09.43"E
L3	6.33	S89'02'37.12"W	L29	6.00	N89'04'50.57"E		L54	26.71	S79'02'37.12"W
L4	27.50	N0'57'22.88"W	L30	116.50	N0°55'09.43"W		L55	74.91	N79'02'37.12"E
L5	94.53	S89'02'37.12"W	L31	19.06	N89'04'50.57"E		L56	6.29	S0.55'09.43"E
L6	50.97	N0'57'22.88"W	L32	73.97	N79 <sup>.</sup> 02'37.12"E		L57	36.00	N89 <sup>.</sup> 03'05.27"E
L7	31.61	S89'02'37.12"W	L33	198.78	S80°57'22.31"E		L58	23.64	S0°55'09.43"E
L8	8.00	N1°20'17.96"W	L34	57.47	S0 <sup>-</sup> 57 <sup>2</sup> 0.14"E		L59	57.01	S89'02'37.12"W
L9	7.50	S88 <sup>3</sup> 9 <sup>4</sup> 2.04"W	L35	203.47	S89'02'37.12"W		L60	10.00	S0.57'22.88"E
L10	4.05	N0'57'22.88"W	L36	142.67	S0'57'22.88"E		L61	52.74	S89'02'37.12"W
L11	4.00	S0 <sup>.</sup> 57 <sup>.</sup> 22.88"E	L37	140.00	N89 <sup>.</sup> 02 <sup>.</sup> 37.12 <sup>.</sup> E		L62	25.72	S89°01'59.71"W
L13	7.50	S89'02'37.12"W	L38	41.00	N0 <sup>.</sup> 57 <sup>22</sup> .88"W		L63	104.40	N0'55'09.43"W
L14	8.00	S0 <sup>5</sup> 7 <sup>2</sup> 2.88 <sup>E</sup>	L39	25.00	S89'02'37.12"W		L64	25.65	N89'00'40.98"E
L15	34.17	S89'02'37.12"W	L40	124.80	N0'57'22.88"W		L65	104.41	S0'57'22.88"E
L16	39.72	S0 <sup>.</sup> 57 <sup>'</sup> 22.88"E	L41	42.75	N9°02'37.12"E		L66	7.53	S41 <sup>.</sup> 49 <sup>.</sup> 48.98"W
L17	17.53	S49 <sup>.</sup> 08'22.07"W	L42	102.42	S80 <sup>.</sup> 57 <sup>.</sup> 22.88"E		L67	5.79	S88 <sup>.</sup> 54 <sup>.</sup> 12.10"W
L18	110.63	S89'02'37.12"W	L43	51.20	N72 <sup>.</sup> 55 <sup>2</sup> 5.00"E		L68	14.83	N89 <sup>.</sup> 04 <sup>.</sup> 50.57"E
L19	107.39	N0°55'09.43"W	L44	9.08	N45'15'40.98"W		L69	315.00	N0'55'09.43"W
L20	6.00	S89 <sup>.</sup> 04'50.57"W	L45	45.05	S72 <sup>.</sup> 55 <sup>2</sup> 5.00"W		L70	14.83	S89'04'50.57"W
L21	61.91	S0 <sup>.</sup> 55 <sup>'</sup> 09.43"E	L46	100.57	N80 <sup>.</sup> 57 <sup>22</sup> .88"W		L71	5.19	N89 <sup>.</sup> 04'50.57"E
L22	79.47	S89'04'50.13"W	L47	42.75	N9'02'37.12"E		L72	7.49	S43 <sup>.</sup> 43 <sup>'</sup> 45.39"E
L23	7.42	S43'43'43.03"E	L48	114.53	N80 <sup>.</sup> 57 <sup>22</sup> .88"W		L73	105.50	S1'00'24.67"E
L24	73.91	N89 <sup>.</sup> 04'50.57"E	L49	20.20	N79 <sup>.</sup> 02 <sup>.</sup> 37.12 <sup>.</sup> E				
L25	405.00	S0°55'09.43"E	L50	18.18	N89'04'50.57"E				
L26	73.14	S89 <sup>.</sup> 04'50.57"W	L51	70.00	S0.55'09.43"E	•			
				-	•				

	CURVE TABLE					
CURVE	RADIUS	LENGTH	CHORD BEARING	CHORD	DELTA	TANGENT
C1	2.50'	7.85'	S89 <sup>.</sup> 02 <sup>'</sup> 37"W	5.00'	180'00'00"	INFINITY'
C2	25.00'	29.59'	N57'01'02"W	27.89'	67'48'14"	16.80'
С3	2.50'	4.90'	N32 <sup>.</sup> 58 <sup>.</sup> 58"E	4.15'	112:31'35"	3.74'
C4	2.50'	4.90'	N34 <sup>.</sup> 49'16"W	4.15'	112:11'46"	3.72'
C5	25.00'	29.59'	N5510'44"E	27.89'	67:48'14"	16.80'

#### **GENERAL NOTES**

1. ALL LINE AND CURVE LABELS REPRESENT EDGE OF PAVEMENT/CONCRETE OR FLOWLINE OF SWALE PER THIS SHEET.



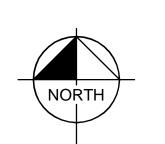
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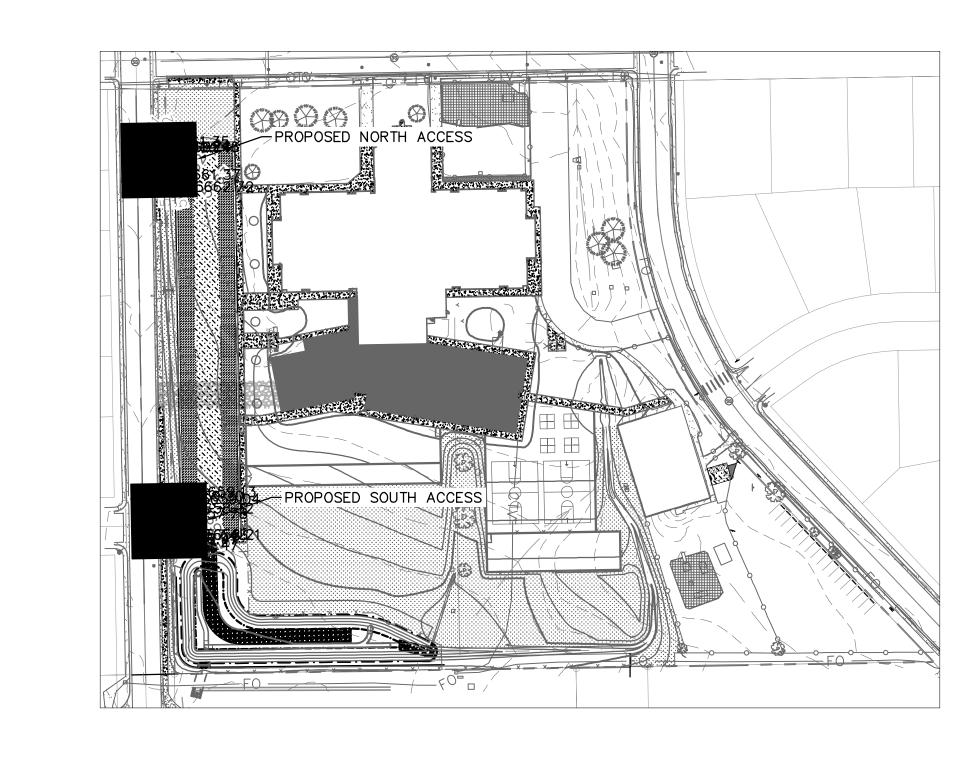
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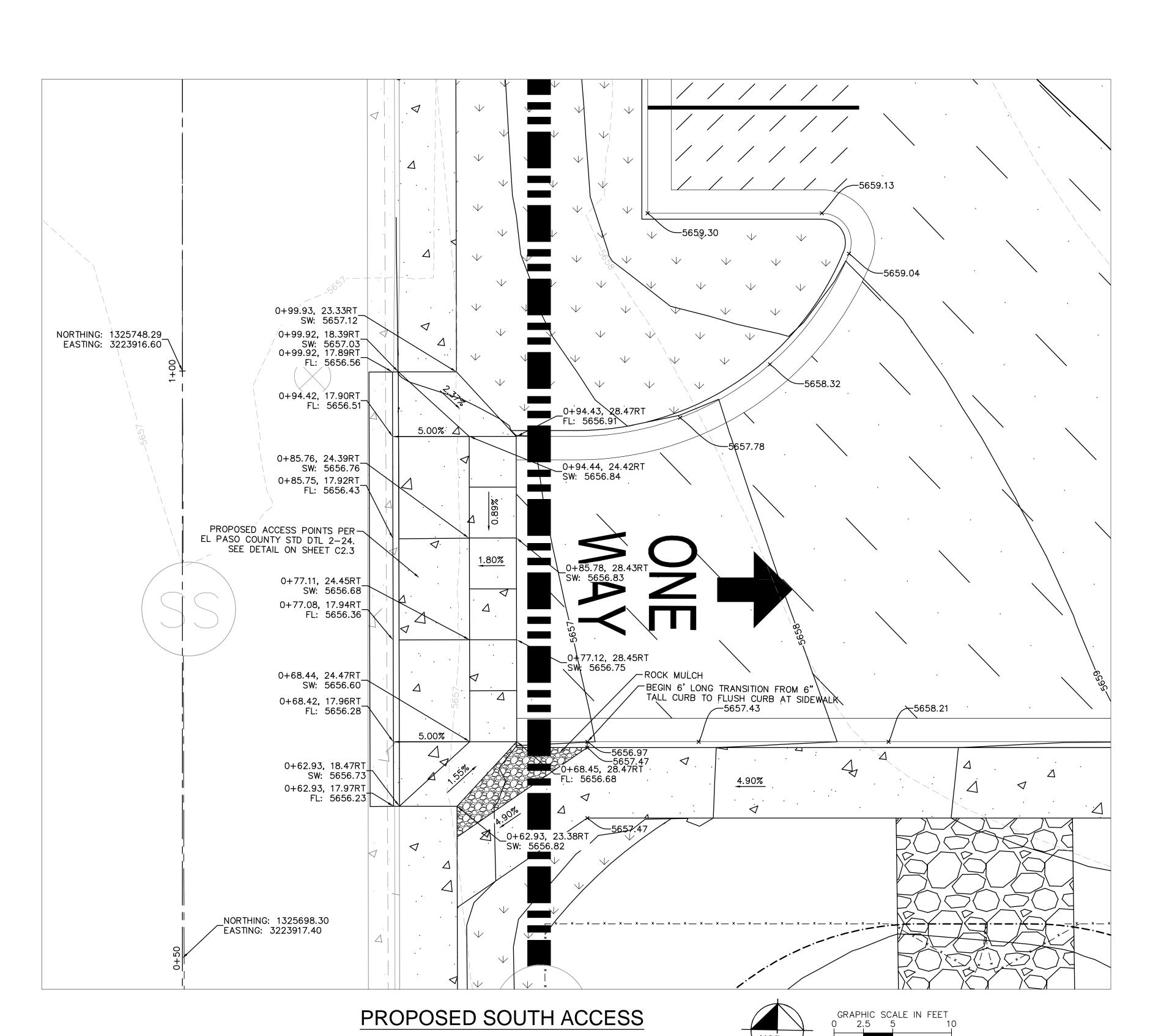
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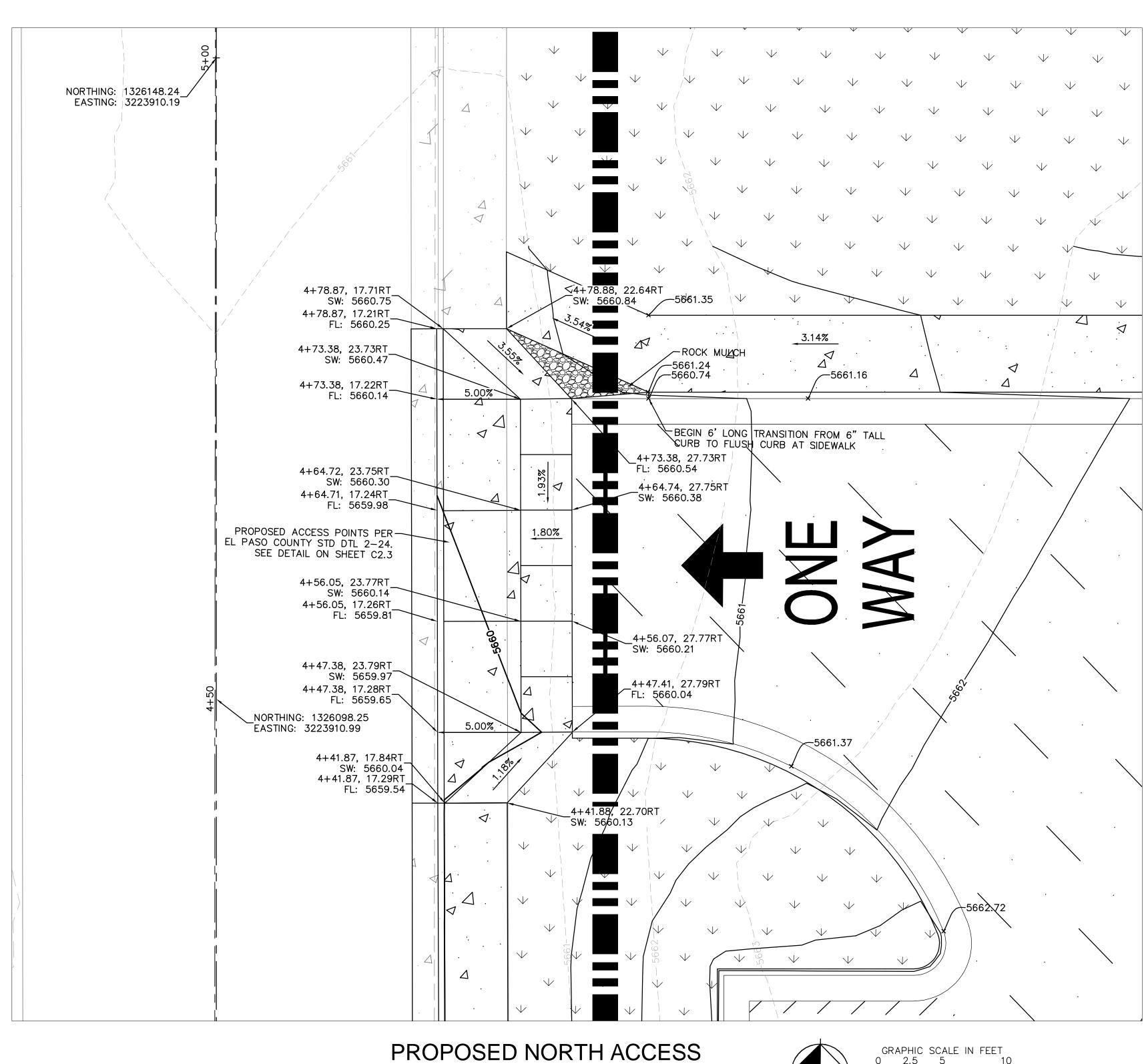
Area Key Plan



HORIZONTAL CONTROL PLAN







SITE ACCESS

C2.2

Project No.: PPR-22-009 21-003
The LKA Partners Incorporated

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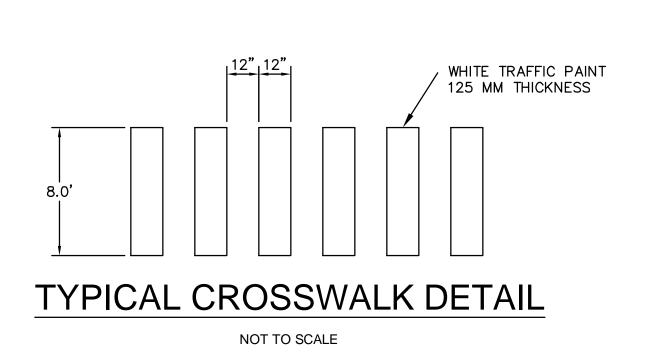
EJG

6 APRIL, 2022

**DECEMBER 13, 2022** 

Checked:

Issued:



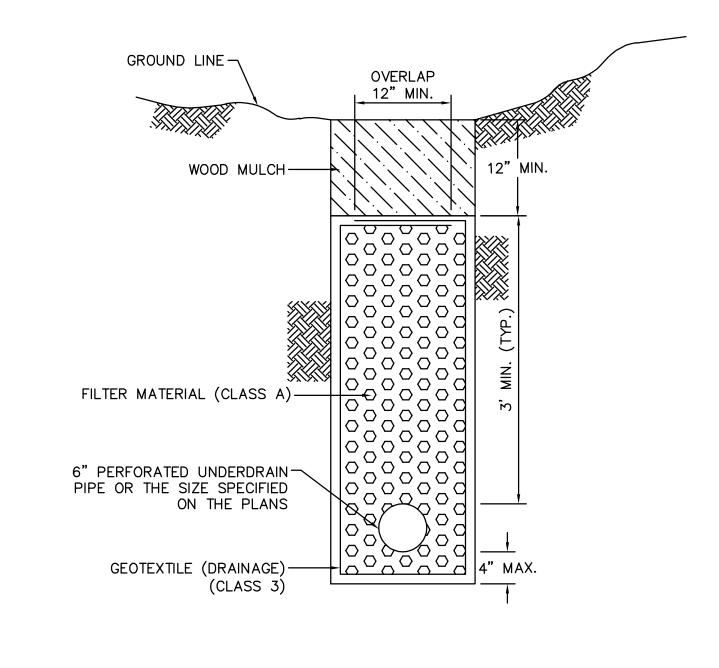
#### **Table GS-3. Dimensions for Slotted Pipe**

Pipe Diameter	Slot Length <sup>1</sup>	Maximum Slot Width	Slot Centers <sup>1</sup>	Open Area <sup>1</sup> (per foot)
4"	1-1/16"	0.032"	0.413"	1.90 in <sup>2</sup>
6"	1-3/8"	0.032"	0.516"	1.98 in <sup>2</sup>

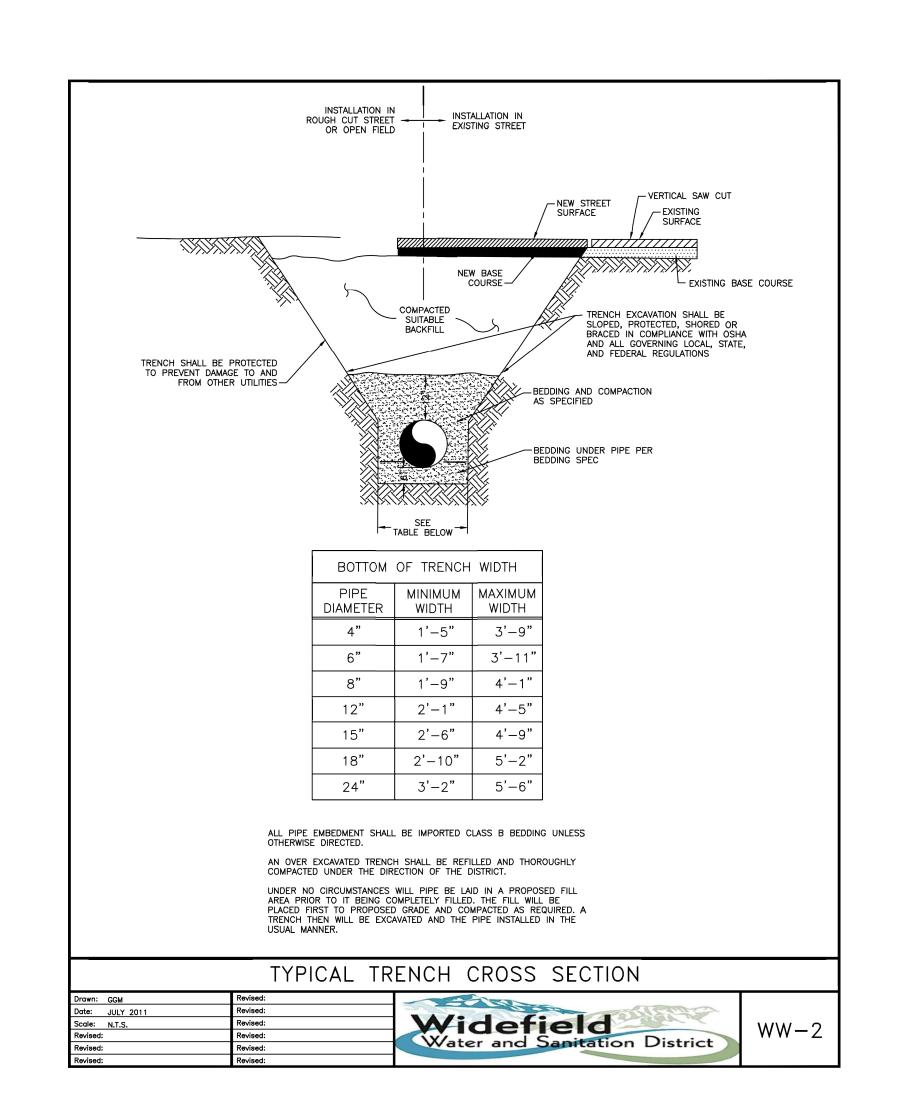
Some variation in these values is acceptable and is expected from various pipe manufacturers. Be aware that both increased slot length and decreased slot centers will be beneficial to hydraulics but detrimental to the structure of the pipe.

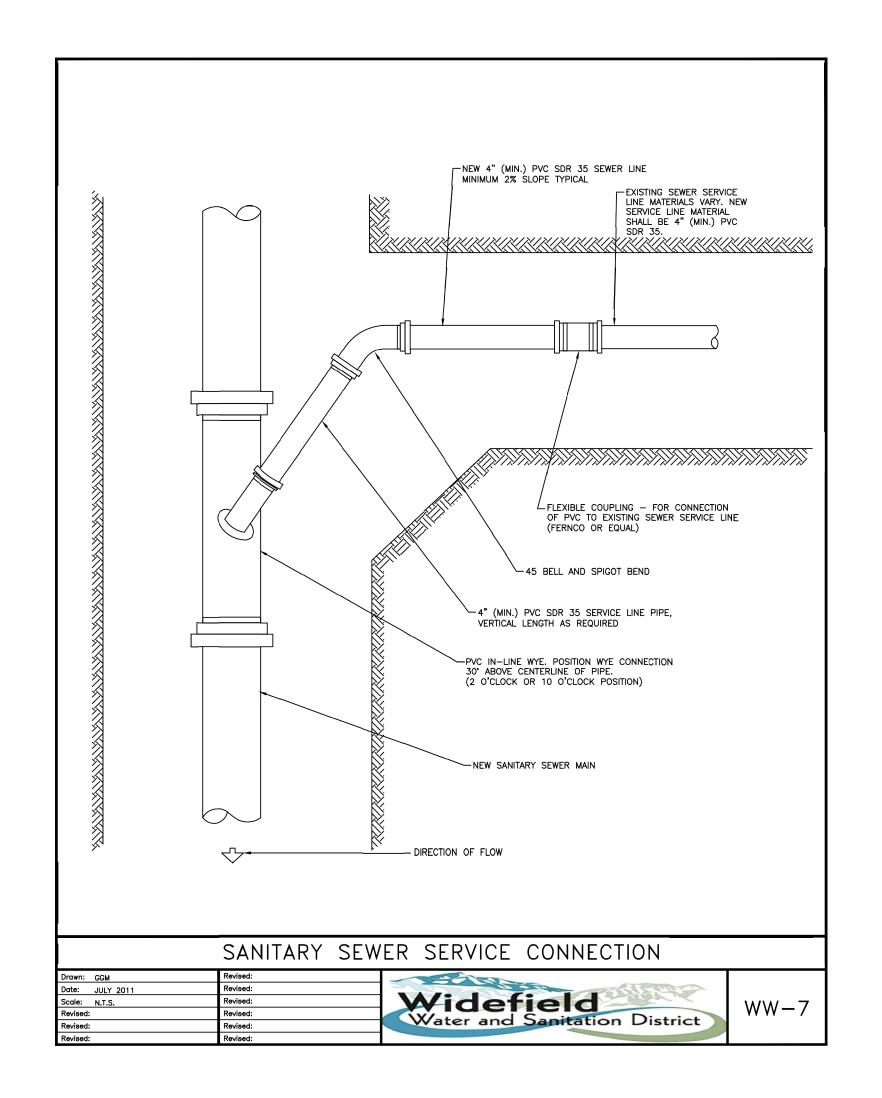
Urban Drainage and Flood Control District

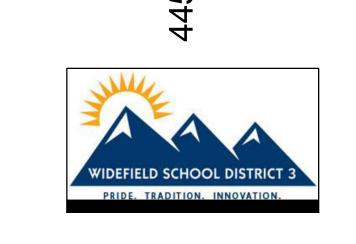
Urban Storm Drainage Criteria Manual Volume 3







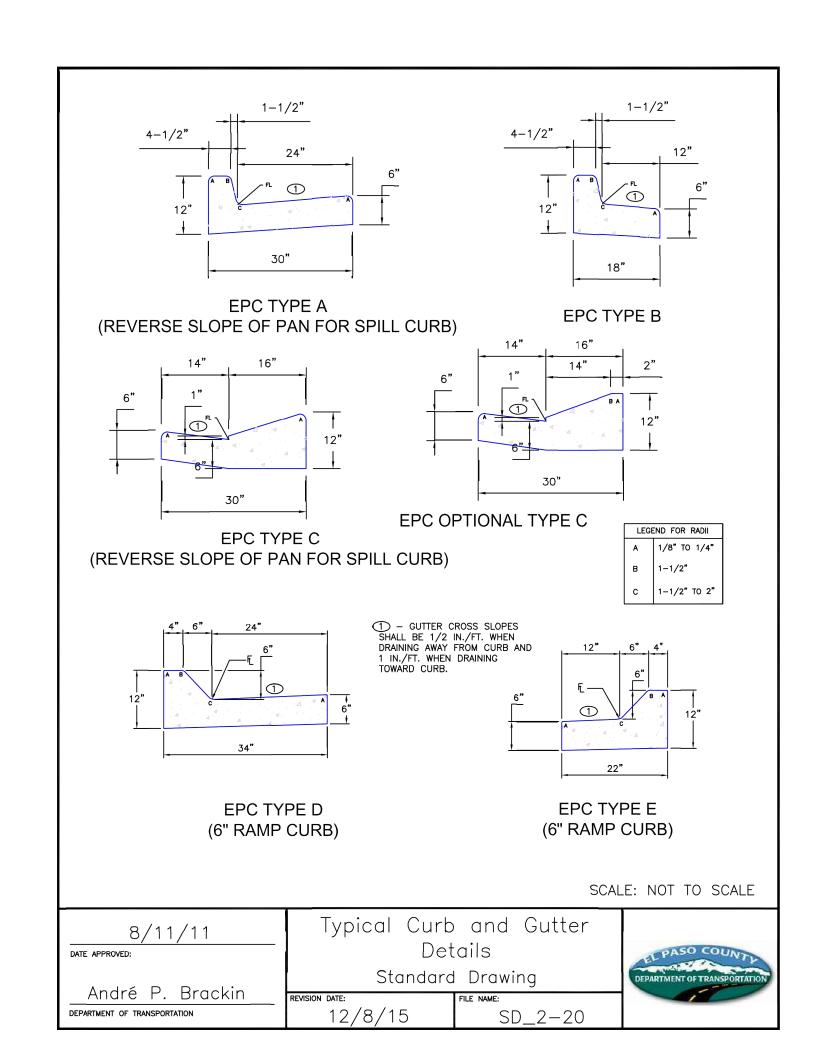




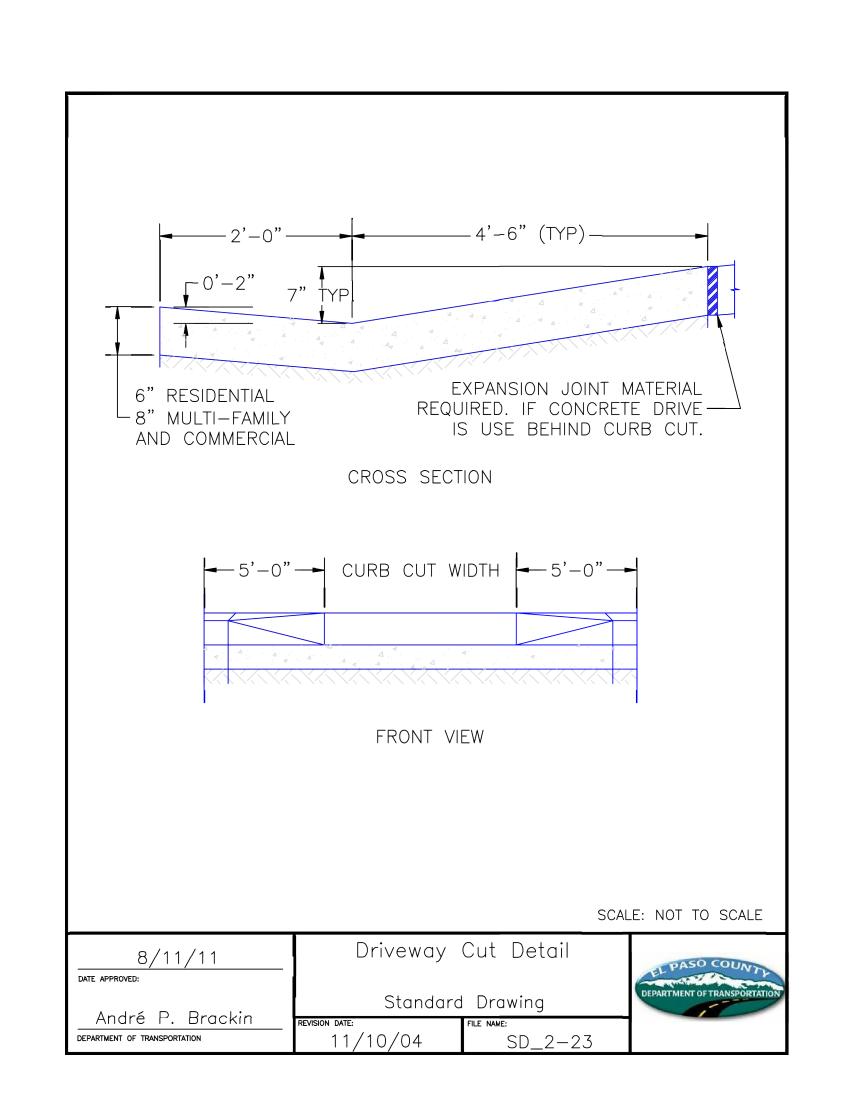
Webster Addi

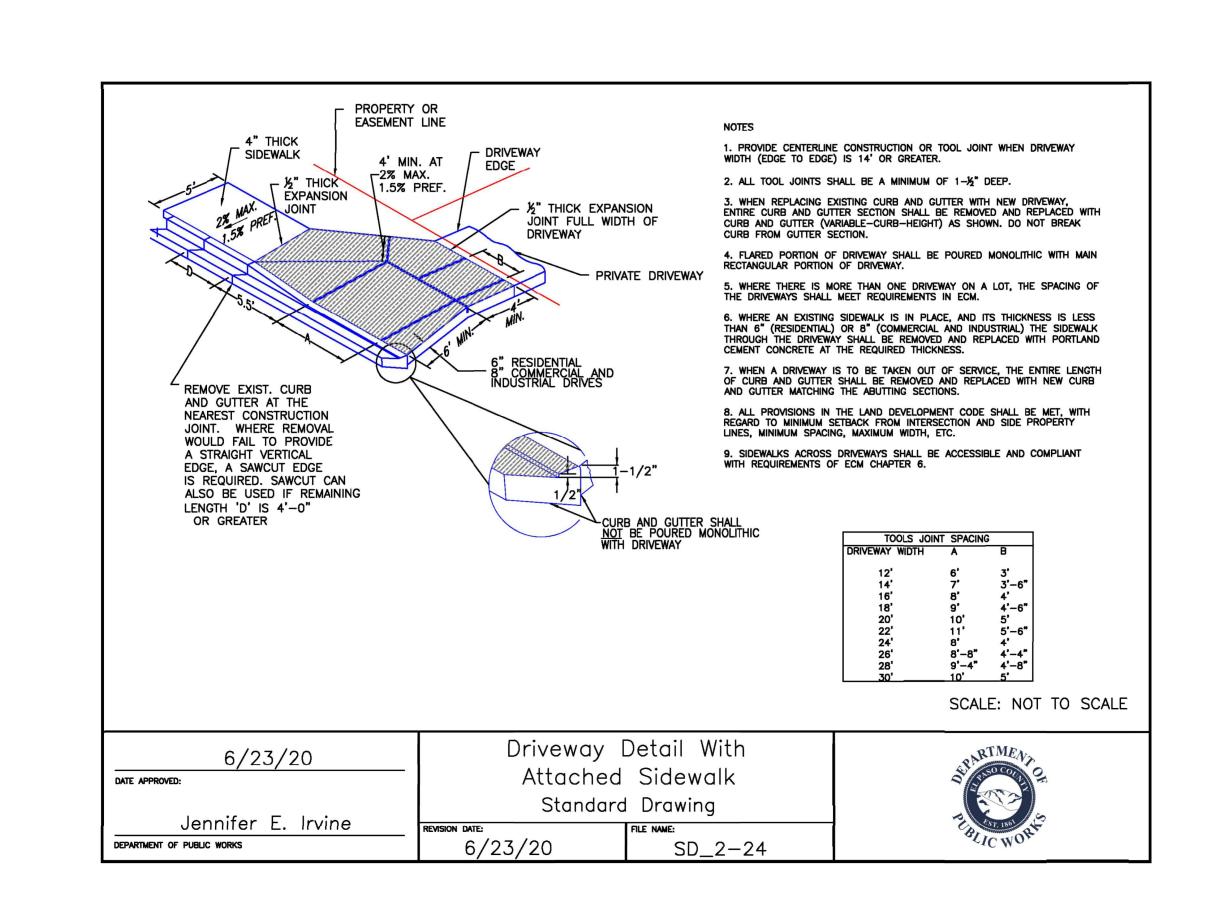
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November 2010







Drawn:	JAI
Checked:	EJ
Issued:	6 APRIL, 202
Revised:	DECEMBER 13, 202
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Area Key Plan

CONSTRUCTION DETAILS

#### LEGEND

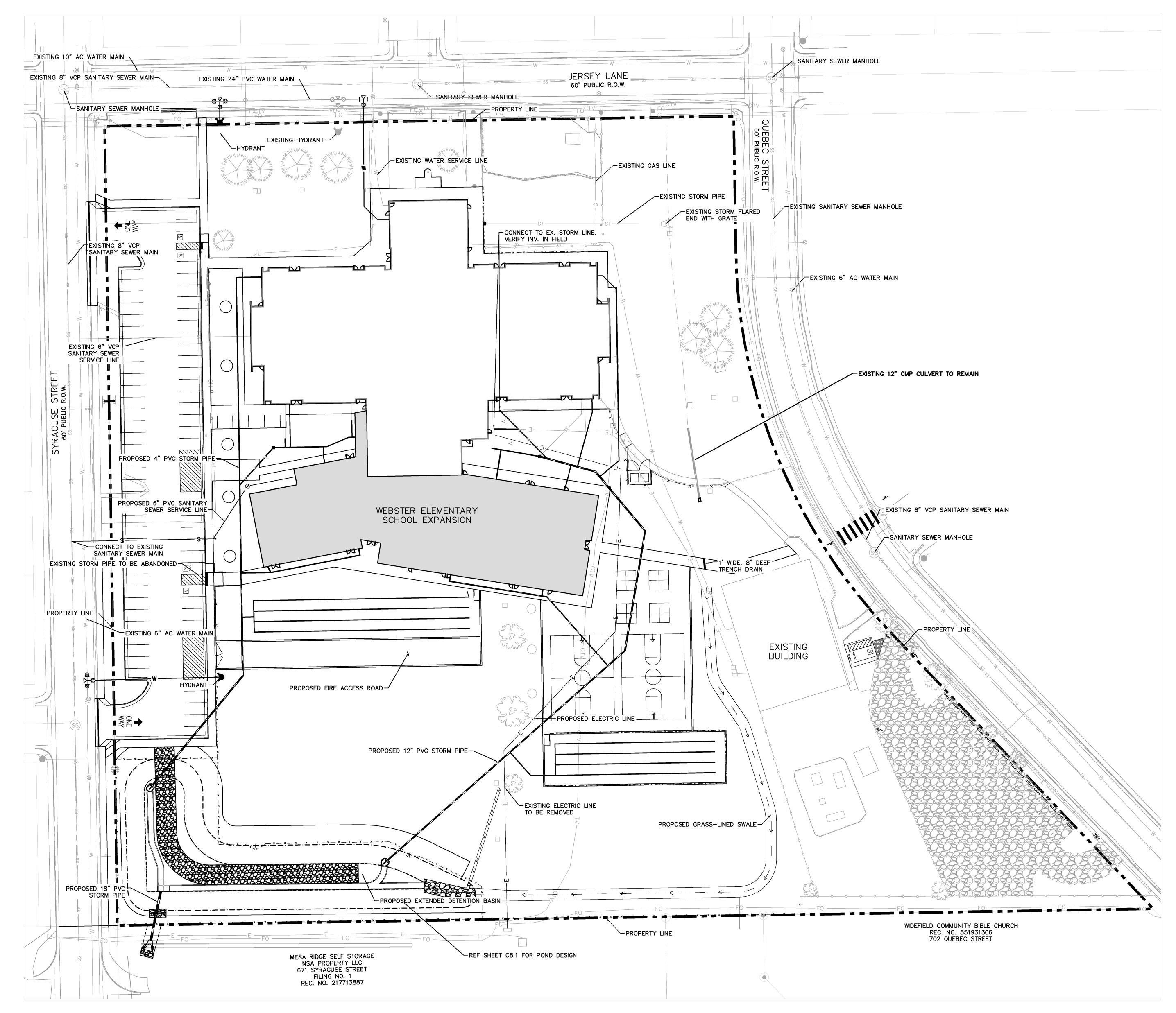
<u>LLOLIND</u>	
	PROPERTY LINE PARCEL LINE
* * * * * * * * *	PROPOSED LANDSCAPING
	EXISTING SIDEWALK
	PROPOSED UNDERGROUND DETENTION
———— w ———	PROPOSED WATER LINE AND VALVE
s	PROPOSED SANITARY SEWER LINE
	PROPOSED CENTURY LINK COMMUNICATION LINE
G	PROPOSED UNDERGROUND GAS LINE
———Е ———	PROPOSED POWER LINE AND MANHOL
———F——	PROPOSED FIRE LINE
	PROPOSED TRANSFORMER
———— G ————	EX. GAS LINE
s	EX. SANITARY SEWER LINE
———Е	EX. ELECTRIC LINE
——————————————————————————————————————	
	EX. STORM SEWER

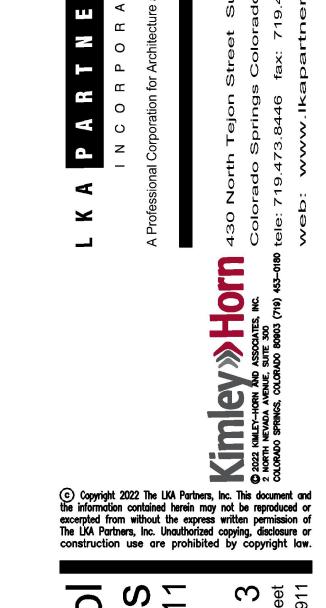
#### NOTES

- 1. NOTE THAT THE LAYOUT FOR DRY UTILITIES IS PRELIMINARY AND FOR
- CONCEPTUAL USE ONLY. FOUNTAIN ELECTRIC SHALL DESIGN ALL DRY UTILITY CONNECTIONS TO THE PROPOSED METER LOCATIONS.
- 2. UTILITY CLEARANCES BETWEEN STORM SEWER AND WATER MAINS AND CONNECTIONS MUST MAINTAIN A VERTICAL SEPARATION OF AT LEAST
- 3. FIRE LINES SHOULD ENTER THE BUILDING PERPENDICULAR TO THE
- OUTSIDE WALL WHENEVER POSSIBLE, AND SHOULD NEVER BE UNDERGROUND FOR MORE THAN 3 FEET INSIDE THE BUILDING.
- 4. ALL PRIVATE TO PUBLIC STORM SEWER CONNECTIONS MUST BE INSPECTED BY ENGINEERING DEVELOPMENT REVIEW INSPECTOR. 5. CONTRACTOR SHALL VERIFY LOCATION AND ALIGNMENT OF EXISTING UNDERGROUND FIBER OPTIC AND COAX LINES ALONG NORTH SIDE OF
- THE SITE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF RECORD IF DISCREPANCIES EXIST. 6. ALL EXISTING UTILITIES TO REMAIN UNLESS OTHERWISE NOTED. 7. UTILITIES TO BE REMOVED ARE TO BE CAPPED IN PLACE IN
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OR COMPLETE. CONTRACTOR TO FIELD VERIFY THE LOCATION.

FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT



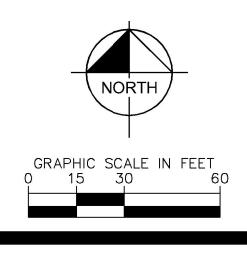




Construction Documents

Checked: EJG 6 APRIL, 2022 **DECEMBER 13, 2022** 

Area Key Plan



OVERALL UTILITY PLAN

	PROPERTY LINE PARCEL LINE
* * * * * * * * * * * * * * * * * * *	PROPOSED LANDSCAPING
4 4 4	EXISTING SIDEWALK
w	PROPOSED WATER LINE AND VALVE
s	PROPOSED SANITARY SEWER LINE
CNTL	PROPOSED CENTURY LINK COMMUNICATION LINE
G	PROPOSED UNDERGROUND GAS LINE
———Е ———	PROPOSED POWER LINE AND MANHOL
————F ————	PROPOSED FIRE LINE
	PROPOSED TRANSFORMER
G	EX. GAS LINE
——————————————————————————————————————	EX. SANITARY SEWER LINE
——Е—	EX. ELECTRIC LINE
W	EX. WATER LINE
	EX. STORM SEWER

#### **NOTES**

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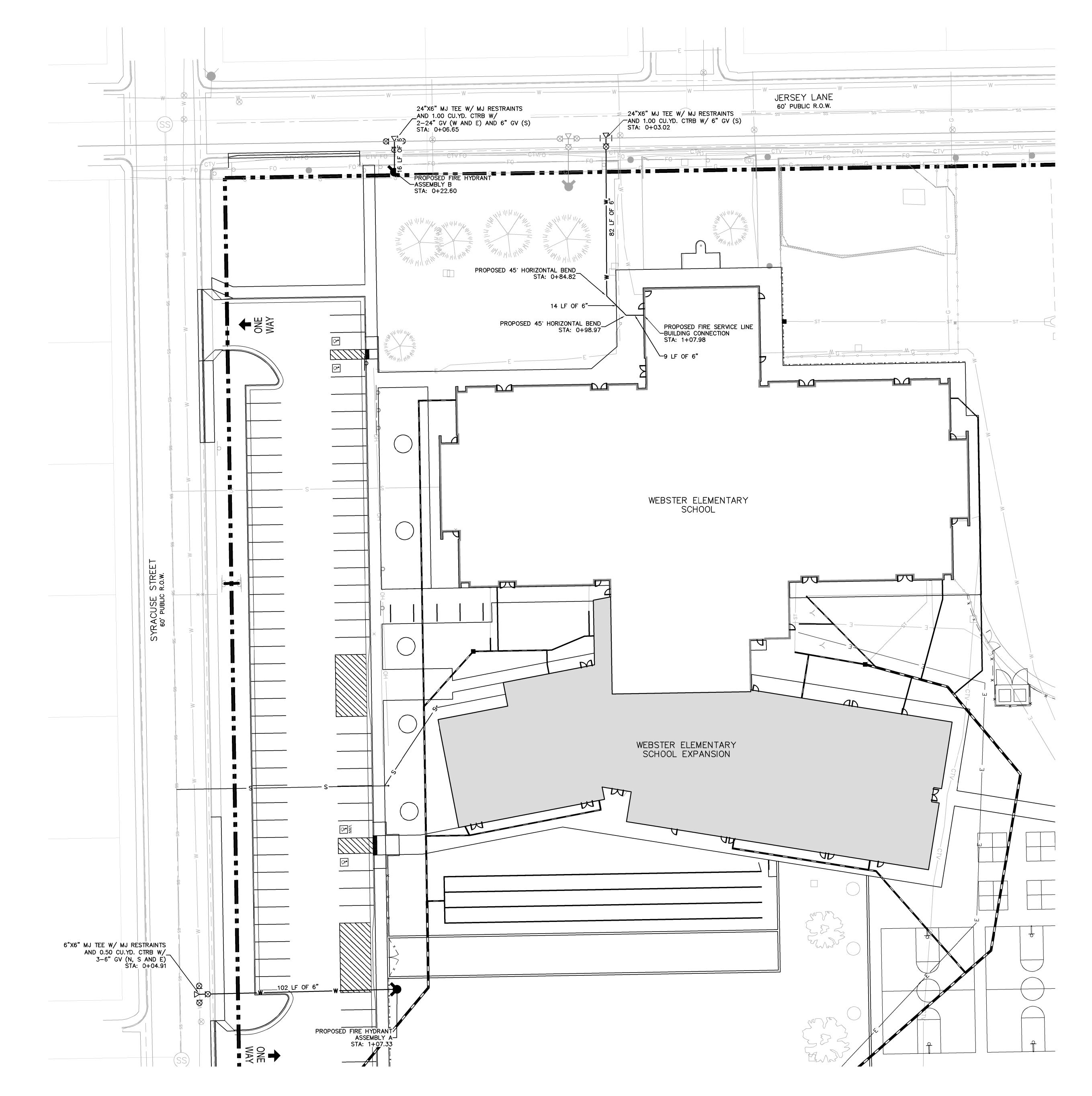
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- INSPECTED BY ENGINEERING DEVELOPMENT REVIEW INSPECTOR.

  5. CONTRACTOR SHALL VERIFY LOCATION AND ALIGNMENT OF EXISTING UNDERGROUND FIBER OPTIC AND COAX LINES ALONG NORTH SIDE OF THE SITE PRIOR TO CONSTRUCTION AND NOTIFY THE ENGINEER OF
- RECORD IF DISCREPANCIES EXIST.

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- OR COMPLETE. CONTRACTOR TO FIELD VERIFY THE LOCATION.

  9. ALL WATER LINES TO BE INSTALLED WITH MINIMUM 5' OF COVER

FROM TOP OF PIPE TO TOP OF FINISHED SURFACE



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Springs, CO 8091 eld School District

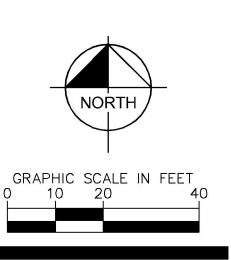
Widefield S

WIDEFIELD SCHOOL DISTRICT 3
PRIDE, TRADITION, INNOVATION.

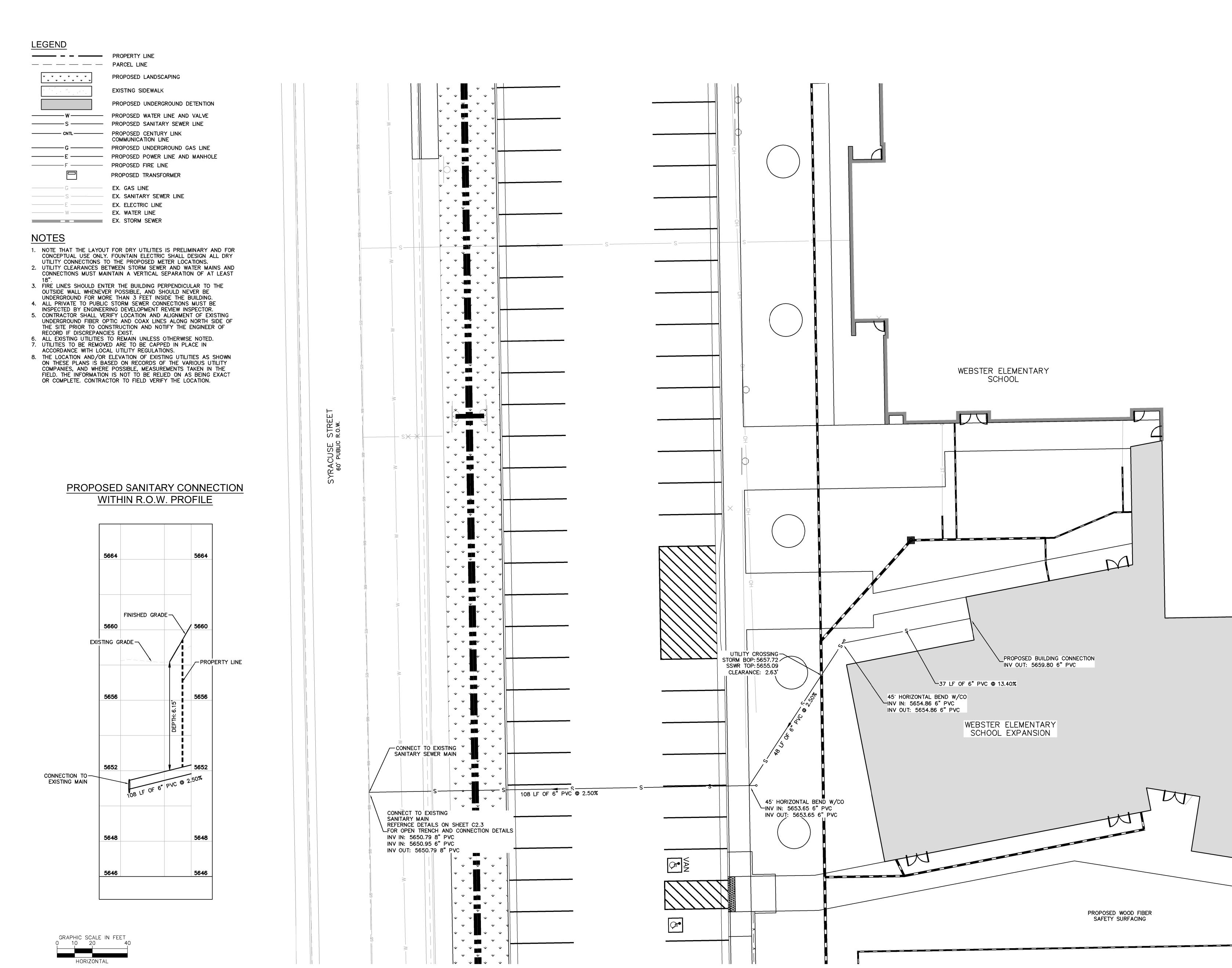
Construction Documents

Drawn:JARChecked:EJGIssued:6 APRIL, 2022Revised:DECEMBER 13, 2022

Area Key Plan



WATER & HYDRANT PLAN



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Videfield School District

WIDEELEID SCHOOL DISTRICT 3

PRIDE. TRADITION. INNOVATION.

Construction Documents

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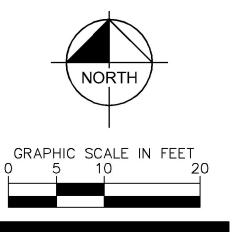
Issued:

6 APRIL, 2022

Revised:

DECEMBER 13, 2022

Area Key Plan



SANITARY SERVICE PLAN

C3.2

Project No.: PPR-22-009 21-003

The LKA Partners Incorporated

0 1 2 VEDTICAL

	PROPERTY LINE PARCEL LINE
* * * * * * *	PROPOSED LANDSCAPING
4 4 4	EXISTING SIDEWALK
	PROPOSED UNDERGROUND DETENTION
w	PROPOSED WATER LINE AND VALVE
s	PROPOSED SANITARY SEWER LINE
CNTL	PROPOSED CENTURY LINK COMMUNICATION LINE
———— G ————	PROPOSED UNDERGROUND GAS LINE
———Е ———	PROPOSED POWER LINE AND MANHOLI
————F ————	PROPOSED FIRE LINE
	PROPOSED TRANSFORMER
G	EX. GAS LINE
s	EX. SANITARY SEWER LINE
——Е—	EX. ELECTRIC LINE
——————————————————————————————————————	EX. WATER LINE

EX. STORM SEWER

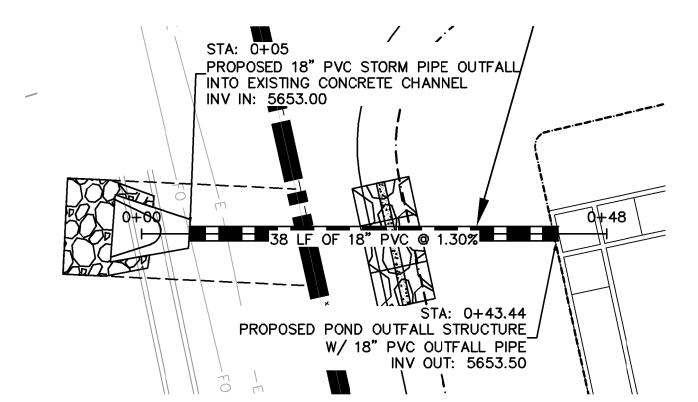
## NOTES

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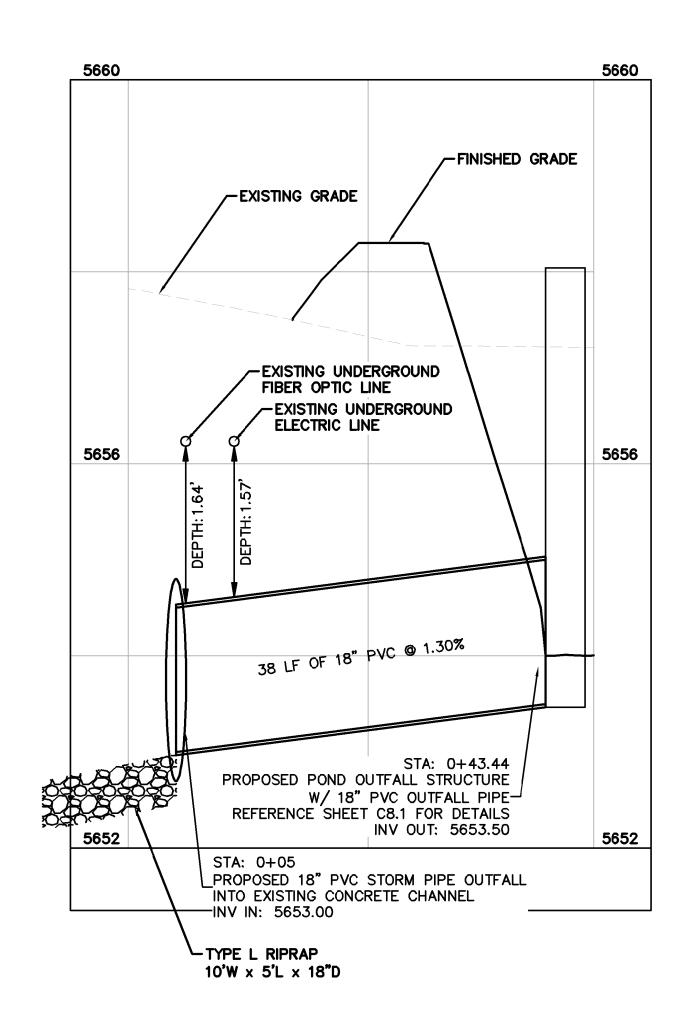
  2. UTILITY CLEARANCES BETWEEN STORM SEWER AND WATER MAINS AND CONNECTIONS MUST MAINTAIN A VERTICAL SEPARATION OF AT LEAST 18".
- 3. FIRE LINES SHOULD ENTER THE BUILDING PERPENDICULAR TO THE OUTSIDE WALL WHENEVER POSSIBLE, AND SHOULD NEVER BE UNDERGROUND FOR MORE THAN 3 FEET
- INSIDE THE BUILDING.
  4. ALL PRIVATE TO PUBLIC STORM SEWER CONNECTIONS MUST BE INSPECTED BY
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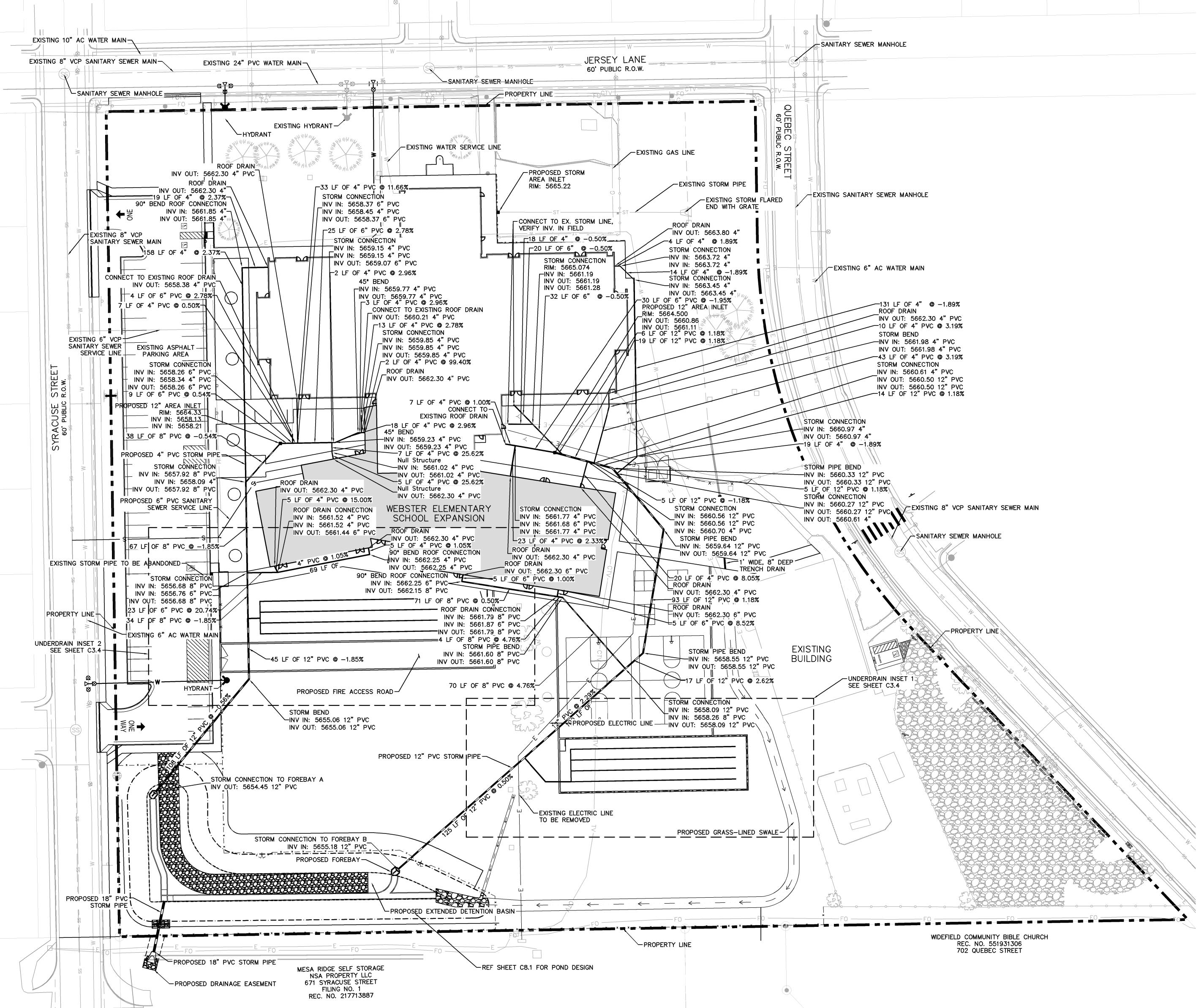
  5. CONTRACTOR SHALL VERIFY LOCATION AND ALIGNMENT OF EXISTING UNDERGROUND
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POND OUTFALL PIPE PLAN AND PROFILE





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STORM PLAN

NORTH

GRAPHIC SCALE IN FEET

	PROPERTY LINE PARCEL LINE
\(\psi\) \(\	PROPOSED LANDSCAPING
4 4 4 4	EXISTING SIDEWALK
	PROPOSED UNDERGROUND DETENTION
w	PROPOSED WATER LINE AND VALVE
s	PROPOSED SANITARY SEWER LINE
CNTL	PROPOSED CENTURY LINK COMMUNICATION LINE
G	PROPOSED UNDERGROUND GAS LINE
———Е ———	PROPOSED POWER LINE AND MANHOLE
————F ————	PROPOSED FIRE LINE
	PROPOSED TRANSFORMER
G	EX. GAS LINE
——————————————————————————————————————	EX. SANITARY SEWER LINE
——Е—	EX. ELECTRIC LINE
——————————————————————————————————————	EX. WATER LINE
	EX. STORM SEWER

### NOTES

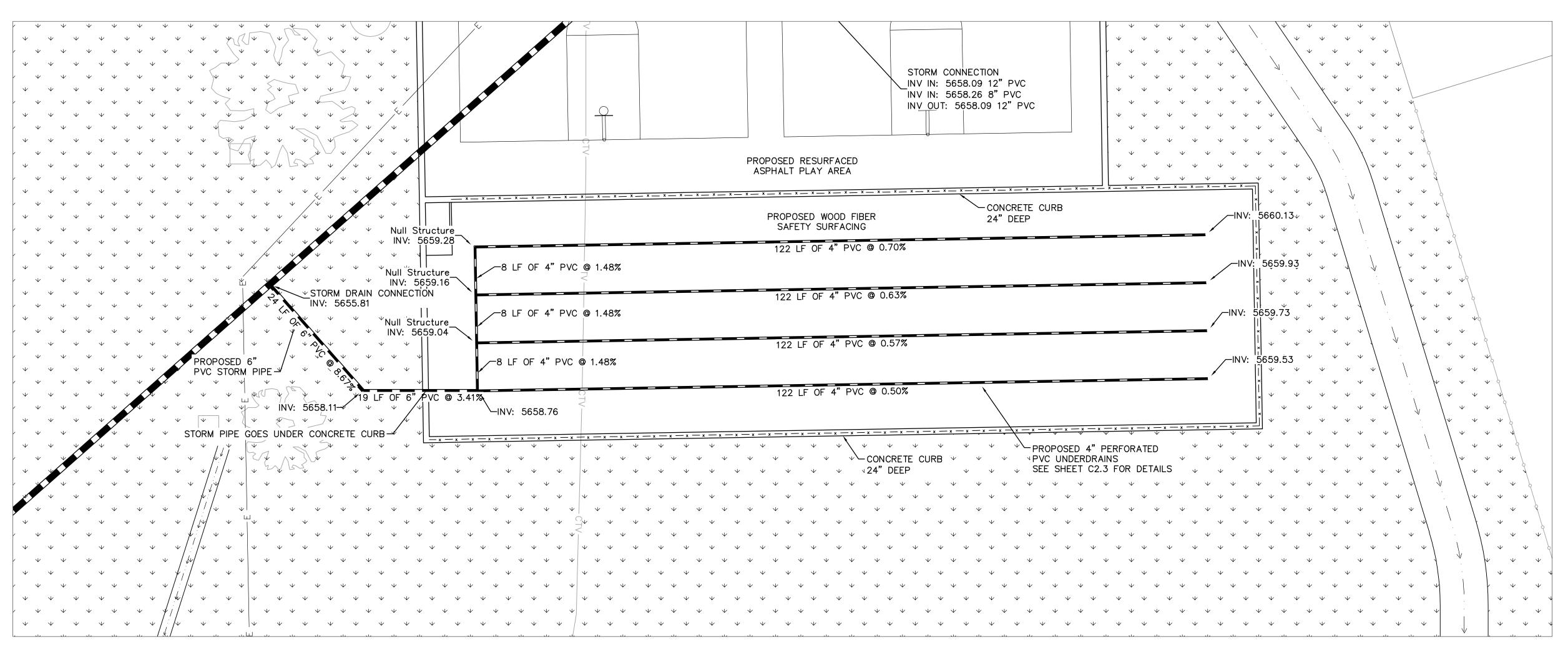
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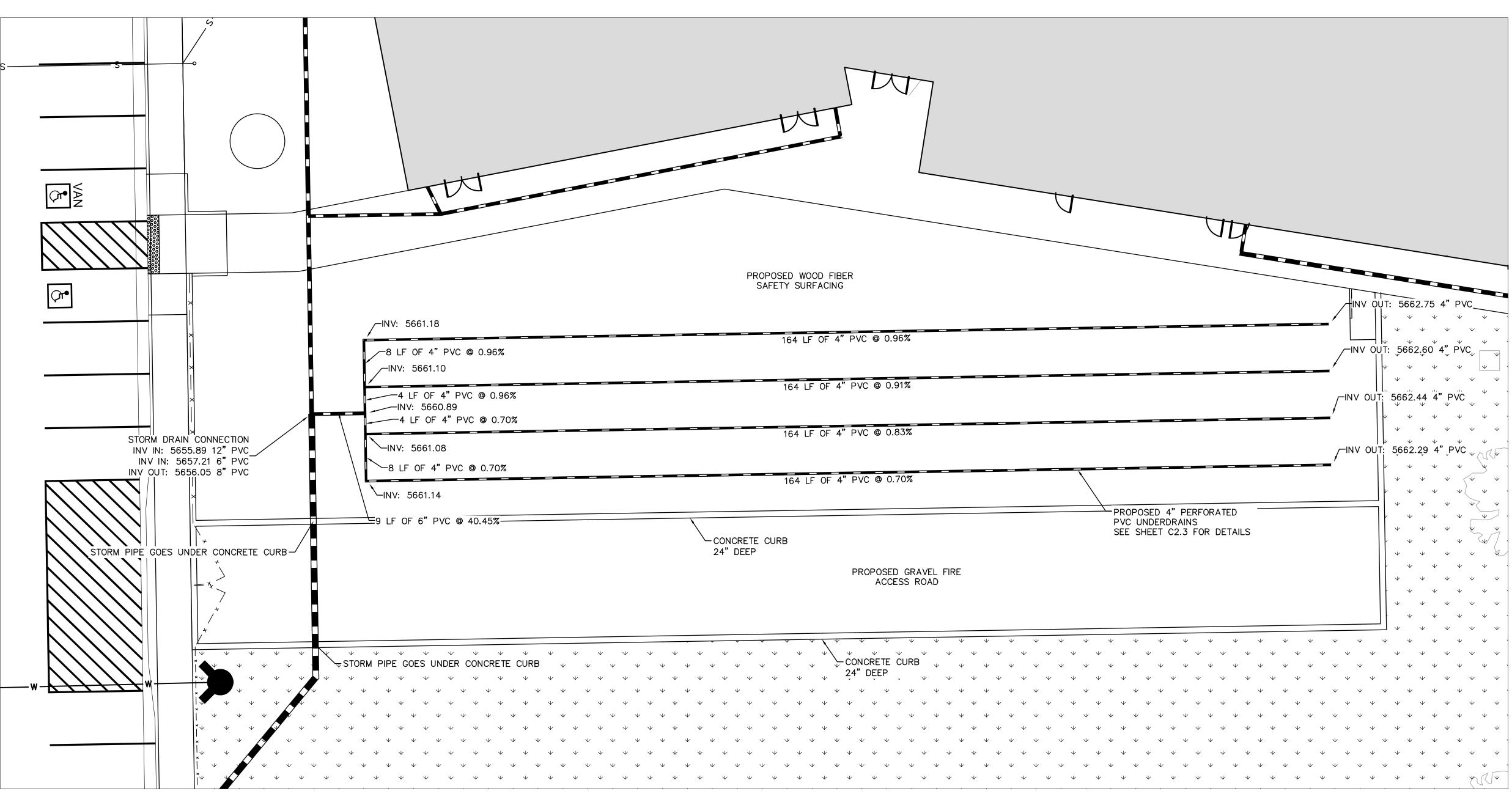
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#### **UNDERDRAIN INSET 1**



UNDERDRAIN INSET 2

LKAPRTN

INCORPO

A Professional Corporation for Architectang A Professional Colorado Springs Color Springs Color Springs Color Springs Color Springs, Colorado Springs Color Springs, Colorado Springs Color Springs, Colorado Springs Color Springs (719) 453-0180 tele: 719.473.8446 fax: 7

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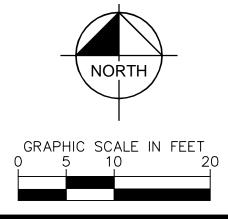
Elementary School ition and Alterations Colorado Springs, CO 80911 Widefield School District 3

WIDEFIELD SCHOOL DISTRICT 3
PRIDE, TRADITION, INNOVATION.

Construction Documents

Drawn:	JAI
Checked	: EJ
Issued:	6 APRIL, 202
Revised:	DECEMBER 13, 202
<u>3</u>	CCD-003, Feb 24, 202

Area Key Plan



STORM UNDERDRAIN PLAN

C3.4

#### LEGEND

PROPERTY LINE

G EX. GAS LINE

EX. SANITARY
SEWER LINE

E EX. ELECTRIC LINE

EX. WATER LINE

EX. STORM SEWER

PROPOSED MAJOR CONTOUR

PROPOSED MINOR CONTOUR

FG

PROPOSED LANDSCAPING

EXISTING MAJOR CONTOUR

EXISTING MINOR CONTOUR

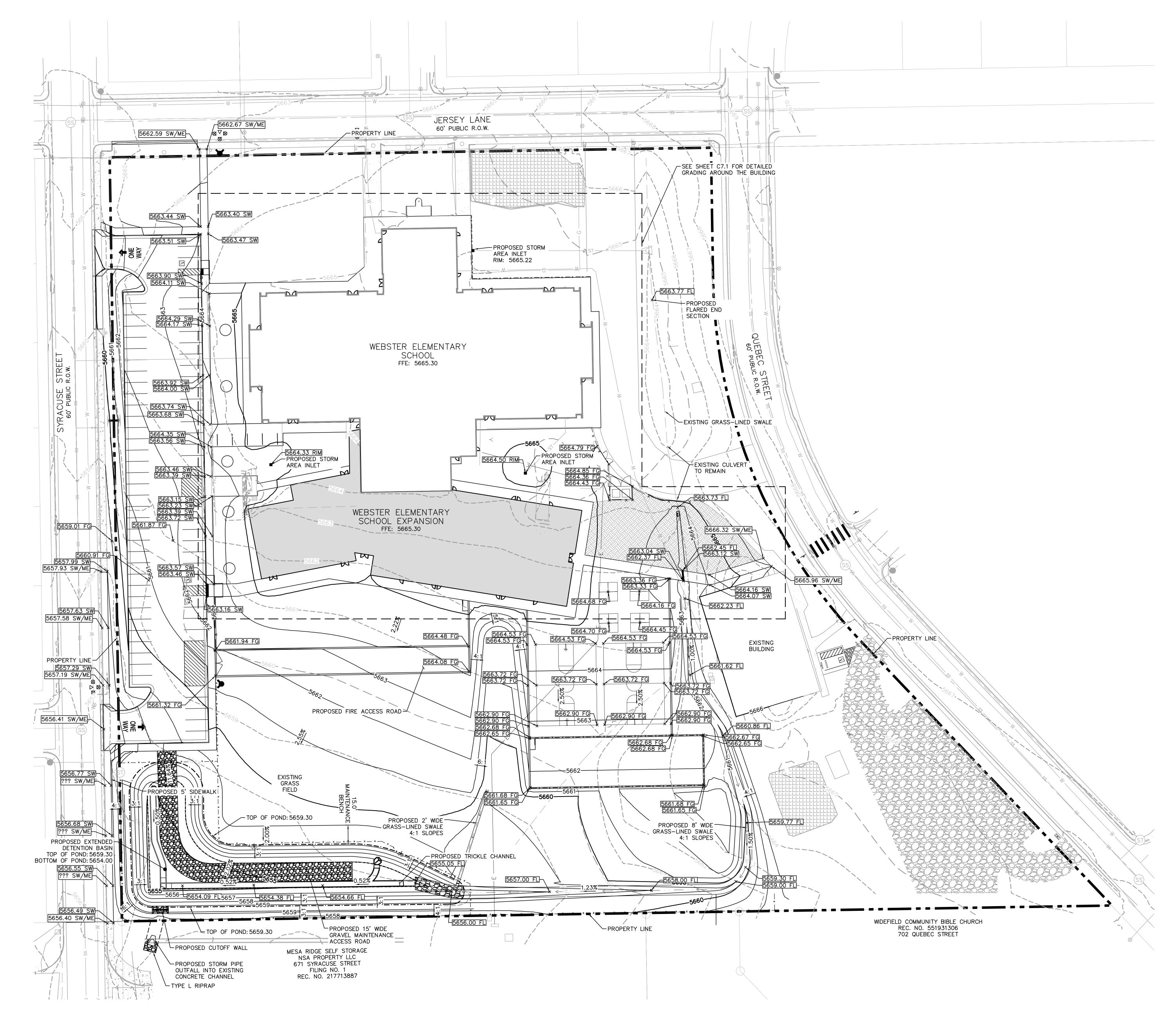
EXISTING SIDEWALK

FINISHED GRADE

FINISH FLOOR ELEVATION

ME MATCH EXISTING
FL FLOWLINE
SW SIDEWALK

GRAPHIC SCALE IN FEET
0 15 30 60



L K A P A B T

I N C O R P

A Professional Corporation for Arc

A Professional Corporation Street

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Field School District 3

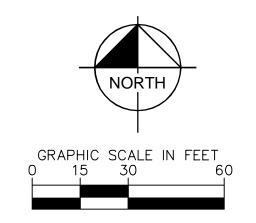
Additior 445 Jersey Lane, Colo



Construction Documents

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EJO
6 APRIL, 2022
DECEMBER 13, 2022

Area Key Plan



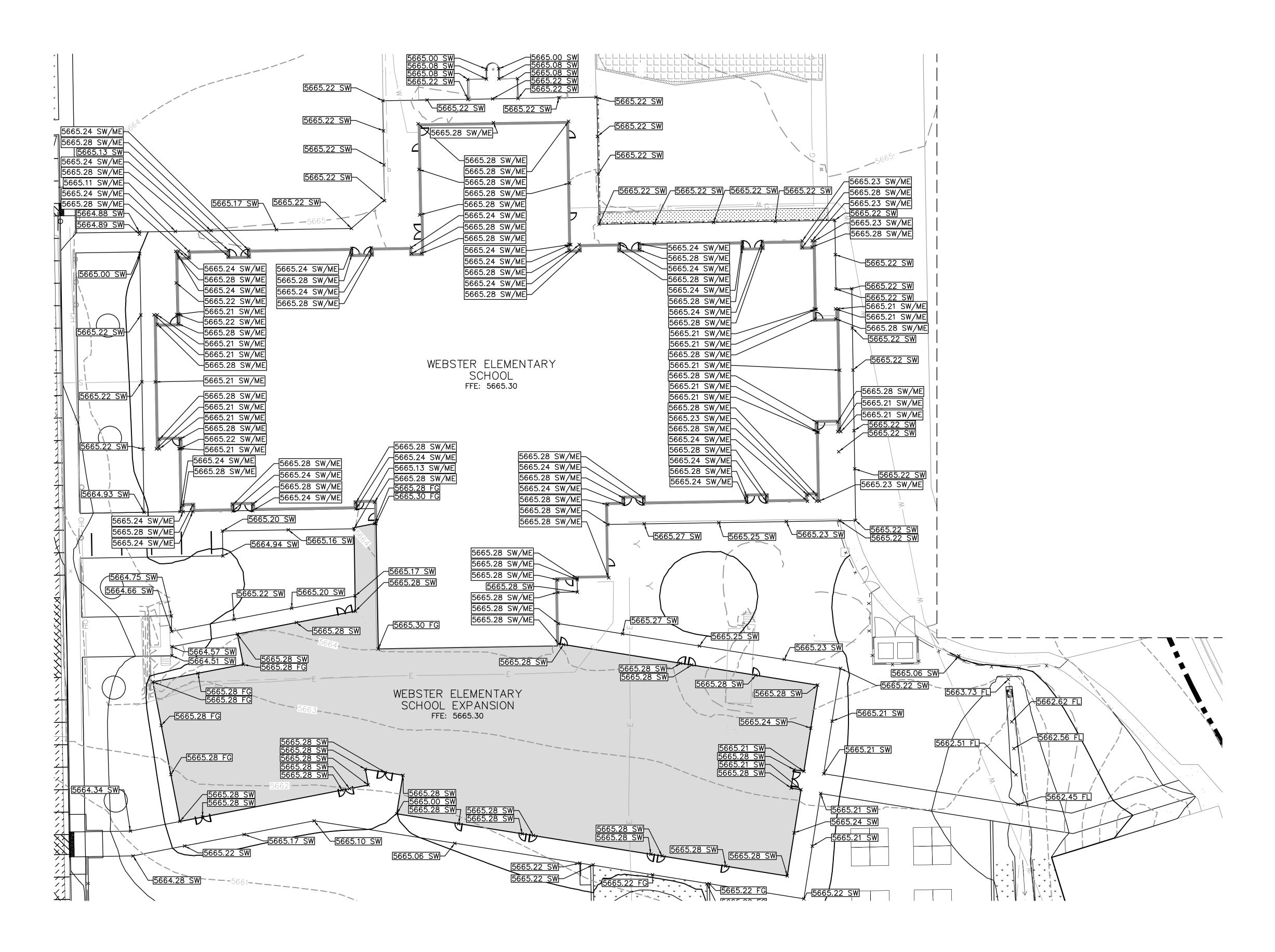
GRADING PLAN

LEGEND --- PROPERTY LINE EX. GAS LINE EX. SANITARY SEWER LINE - EX. ELECTRIC LINE EX. WATER LINE EX. STORM SEWER PROPOSED MINOR CONTOUR EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR PROPOSED LANDSCAPING

EXISTING SIDEWALK

FG FINISHED GRADE FINISH FLOOR ELEVATION MATCH EXISTING FLOWLINE

SIDEWALK



S CO22 KIMLEY-HORN AND ASSOCIATES, INC.

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r Elementary School ition and Alterations , Colorado Springs, CO 80911

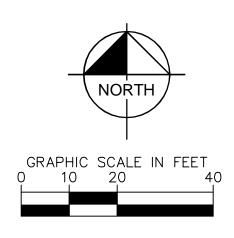
Webster Eler Addition

PRIDE. TRADITION. INNOVATION.

Construction Documents

Drawn: Checked: EJG Issued: 6 APRIL, 2022 **DECEMBER 13, 2022** 

Area Key Plan

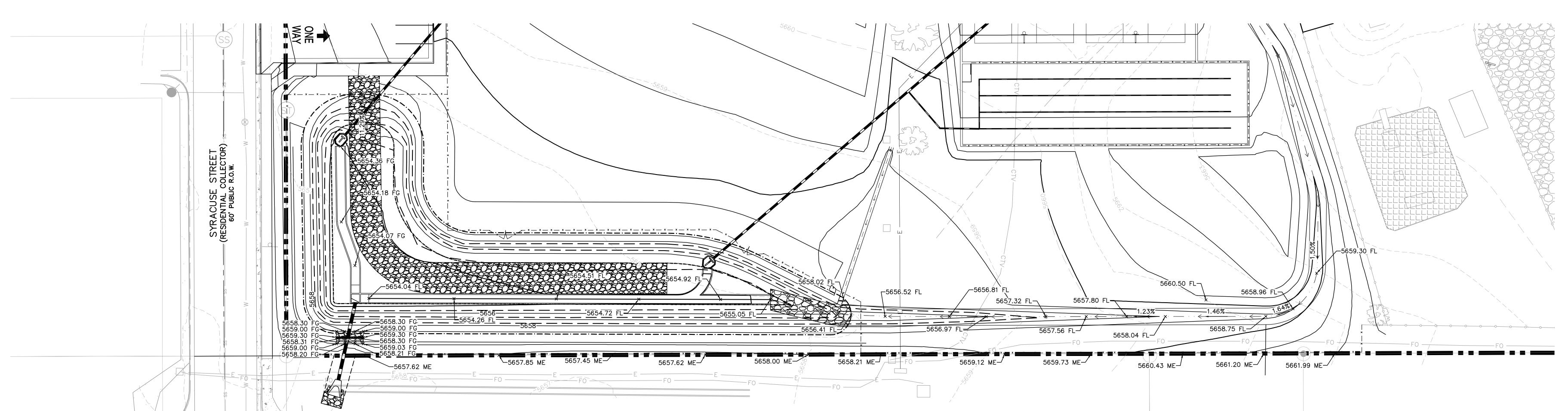


DETAILED BUILDING GRADING

PROPERTY LINE EX. GAS LINE EX. SANITARY
SEWER LINE EX. ELECTRIC LINE EX. WATER LINE EX. STORM SEWER PROPOSED MINOR CONTOUR EXISTING MAJOR CONTOUR EXISTING MINOR CONTOUR \(\psi\) \(\ PROPOSED LANDSCAPING EXISTING SIDEWALK FG FINISHED GRADE

FLOWLINE

MATCH EXISTING



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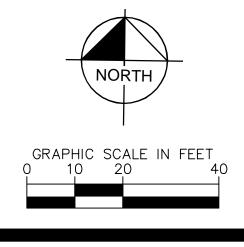
ebster Elementary School Addition and Alterations sey Lane, Colorado Springs, CO 80911



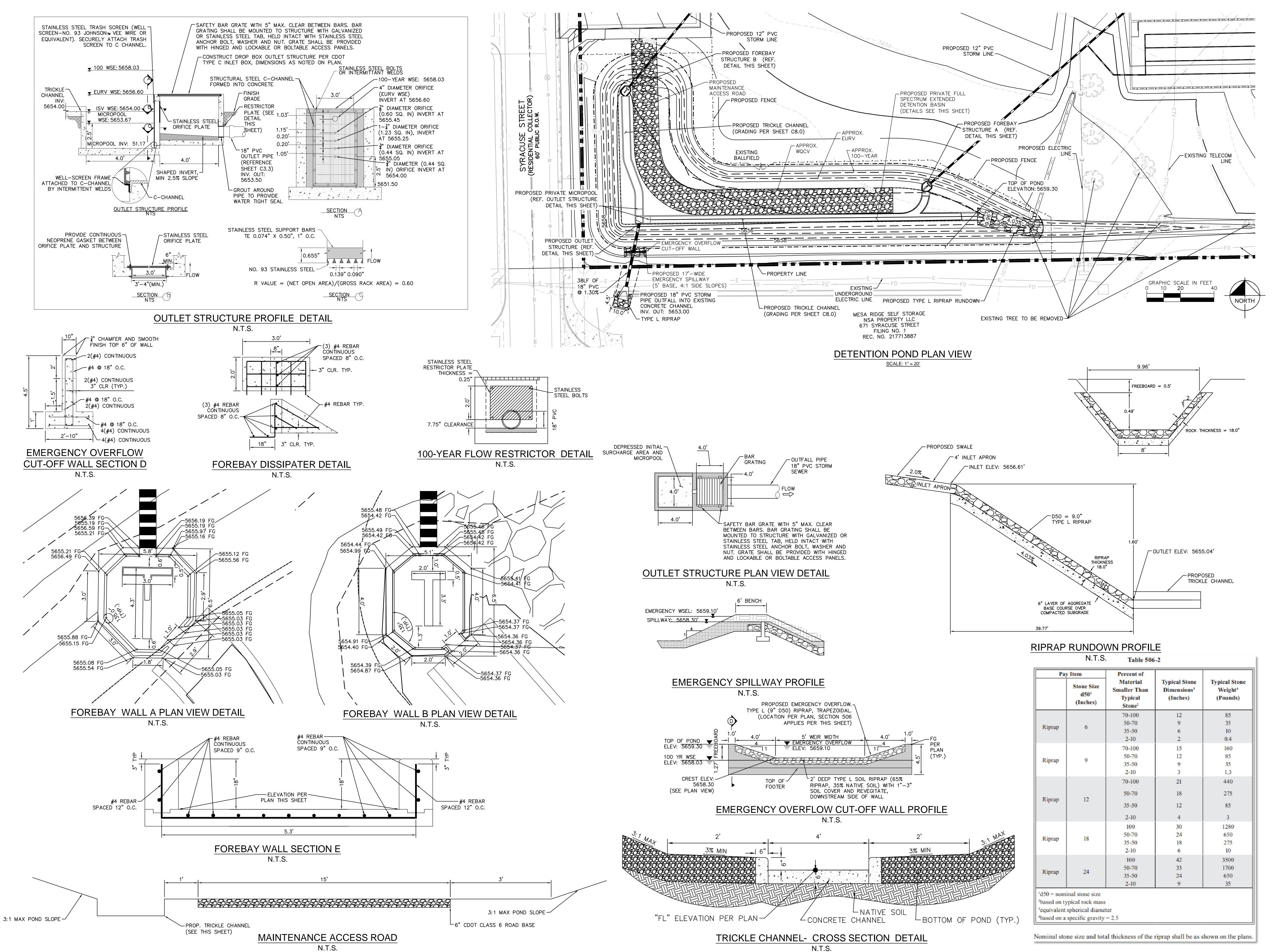
Construction Documents

JAF
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6 APRIL, 2022
DECEMBER 13, 2022

Area Key Plan



POND GRADING PLAN



Vebster Elementary Schoo Addition and Alterations ersey Lane, Colorado Springs, CO 8091

WIDEFIELD SCHOOL DISTRICT 3
PRIDE, TRADITION, INNOVATION.

Construction Documents

Drawn: JAR
Checked: EJG
Issued: 6 APRIL, 2022
Revised: DECEMBER 13, 2022

Area Key Plan

POND DETAILS

C8.1