

2024 PAVING IMPROVEMENTS

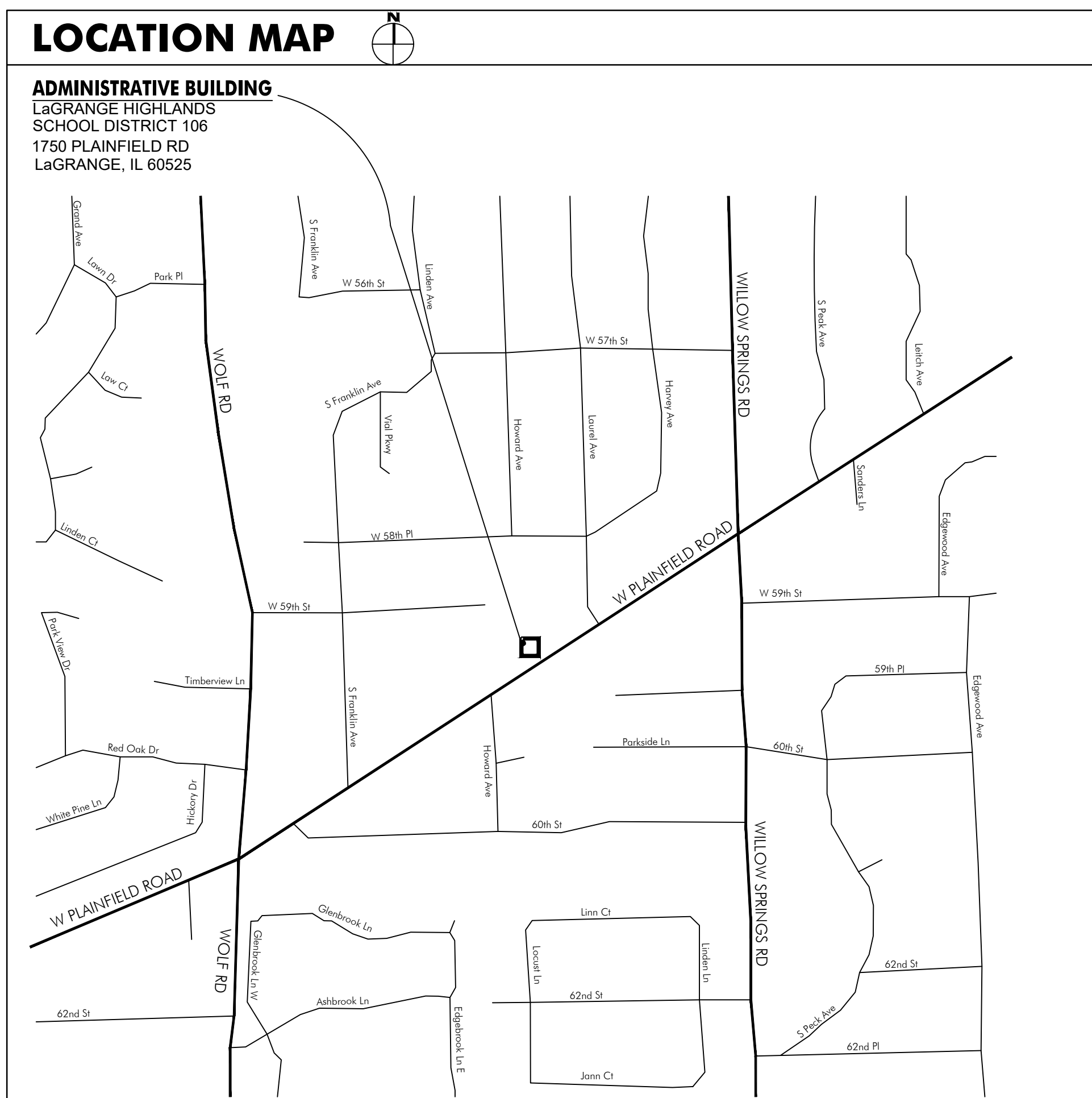
at

LaGrange Highlands School District 106
1750 Plainfield Road, LaGrange, Illinois 60525

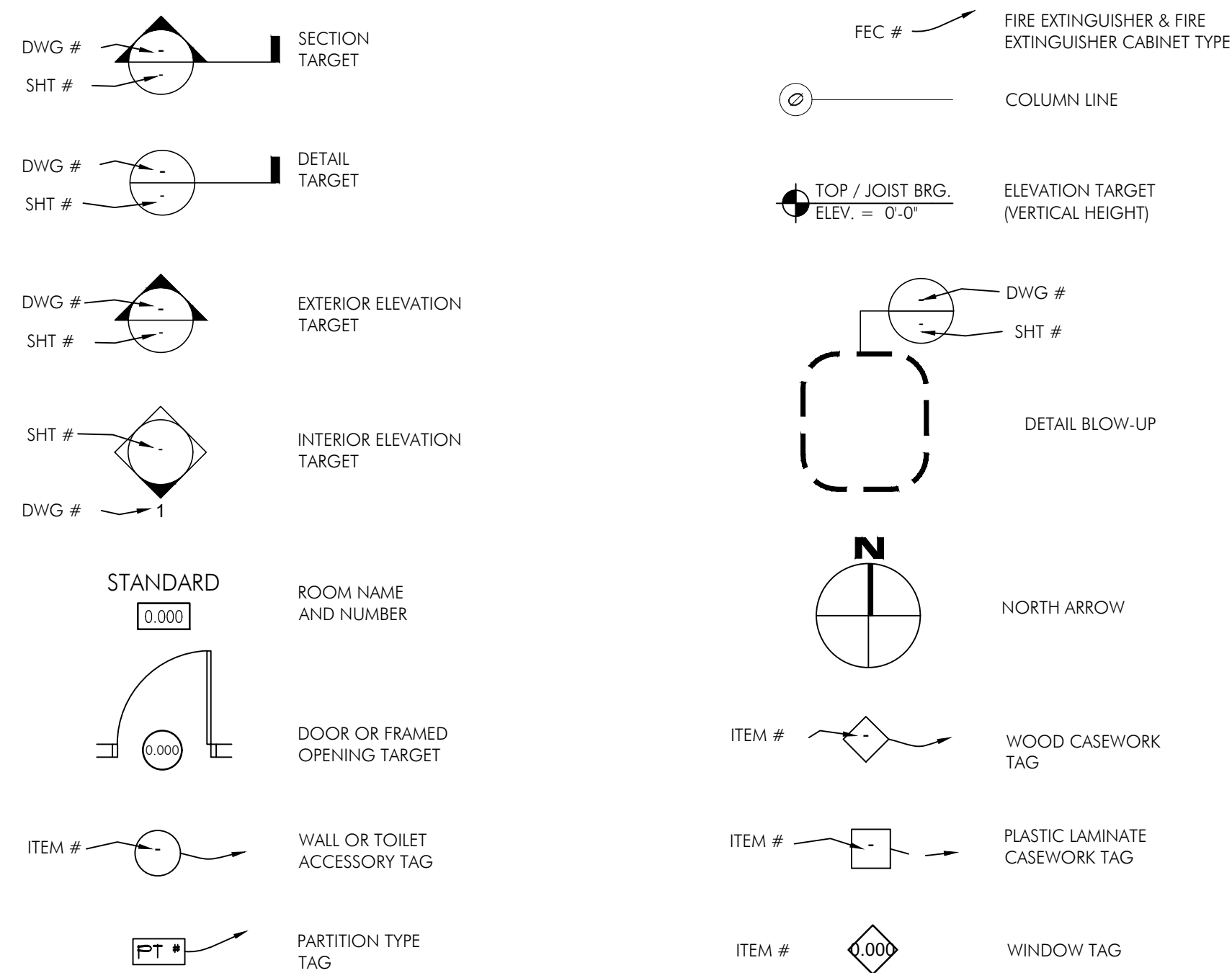
for the

BOARD of EDUCATION

LaGrange Highlands School District 106
1750 Plainfield Road, LaGrange, Illinois 60525



SYMBOL LIST



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ABBREVIATIONS

ACoust	- ACOUSTICAL	EL	- ELEVATION	MASry	- MASONRY	SCHED	- SCHEDULE
AB	- ABOVE FINISHED FLOOR	ELEC	- ELECTRICAL	MAX	- MAXIMUM	SHT	- SHEET
ALUM	- ALUMINUM	ELEV	- ELEVATOR	MECH	- MECHANICAL	SM	- SIMILAR
ASSY	- ASSEMBLY	EQ	- EQUAL	MTL	- METAL	SPEC	- SPECIFICATION
AT	- ACOUSTICAL TILE	FWC	- FIRE WATER COOLER	MN	- MINIMUM	SS	- STAINLESS STEEL
BD	- BOARD	EXIST	- EXISTING	MO	- MOVEMENT JOINT	STD	- STANDARD
BLDG	- BUILDING	FDN	- FOUNDATION	MJ	- MASONRY OPENING	STL	- STEEL
BR	- FIRE EXTINGUISHER	FE	- FIRE EXTINGUISHER	NIC	- NOT IN CONTRACT	STOR	- STORAGE
BUR	- BUILT UP ROOF	FEC	- FIRE EXTINGUISHER CABINET	NOM	- NOMINAL	STRUCT	- STRUCTURE
CJ	- CONTROL JOINT	FH	- FIRE HYDRANT	NTS	- NOT TO SCALE	SQ	- SQUARE
CLS	- CEILING	FIN	- FINISH	OC	- ON CENTER	TEL	- TELEPHONE
CLR	- CLEAR	FKT	- FIXTURE	OD	- OUTSIDE DIAMETER	TEMP	- TEMPERED
CNC	- CONCRETE MASONRY UNIT	FLR	- FLOOR	OP	- OPERABLE	THK	- THICK
COL	- COLUMN	FT	- FOOT/FEET	OPG	- OPENING	TP	- TYPICAL
CONC	- CONCRETE	GA	- GAUGE	OZ	- OPPOSITE HAND	UNO	- UNLESS NOTED OTHERWISE
CONT	- CONTINUOUS	GALV	- GALVANIZED	OZ	- OUNCE	VERT	- VERTICAL
CPT	- CERAMIC TILE	GYP	- GYPSUM	PLT	- PLATE	VCT	- VINYL COMPOSITION TILE
DA	- DIAMETER	HGT	- HEIGHT	PLAM	- PLASTIC LAMINATE	VIF	- VERIFY IN THE FIELD
DIA	- DIMENSION	HM	- HOLLOW METAL	PLYWD	- PLYWOOD	W/	- WITH
DN	- DOWN	HORIZ	- HORIZONTAL	PREFN	- PRE-FINISHED	WO	- WITHOUT
DOCS	- DOCUMENTS	HP	- HIGH POINT	R	- RISERS	WD	- WOOD
DR	- DOOR	ID	- INSIDE DIAMETER	RAD	- RADIUS	WP	- WATERPROOF
DTL	- DETAIL	INSUL	- INSULATION	REIN	- REINFORCED		
DWG	- DRAWING	LBS	- POUND	REQD	- REQUIRED		
EA	- EACH	LP	- LOW POINT	RM	- ROOM		
EJ	- EXPANSION JOINT	LOC	- LOCATION	RBD	- RAISED RUBBER DSG TILE		
		MANUF	- MANUFACTURER	SC	- SOLID CORE		

MATERIAL SYMBOLS

	FACE BRICK		STEEL		ASPHALT PAVING
	CONCRETE MASONRY UNIT		BATT INSULATION		EARTH
	CONCRETE		RIGID INSULATION		GRANULAR FILL
	WOOD BLOCKING		GYPSUM BOARD		SAND, MORTAR, OR GROUT
	PLYWOOD		ACOUSTICAL TILE/PLASTER		
	FINISH WOOD		ALUMINUM		

GENERAL NOTES

- SCOPE OF WORK AND GENERAL CONDITIONS**
1. THESE GENERAL NOTES APPLY TO ALL WORK IN THIS PROJECT.
2. THIS SET OF DOCUMENTS CONSISTS OF ALL SHEETS LISTED IN THE INDEX OF DRAWINGS ON THE TITLE SHEET, THE SPECIFICATIONS AND ALL ADDENDA. WORK SHOWN ON ANY OF THE ARCHITECTURAL, STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND/OR FIRE PROTECTION DRAWINGS, WHERE APPLICABLE, INVOLVING ANY ONE TRADE SHALL BE PERFORMED AS STATED IN THE CONTRACT DOCUMENTS OR REASONABLY IMPLIED. THEREFORE, IT IS NOT THE INTENT OF THE CONTRACT DOCUMENTS TO SET FORTH IN DETAIL EVERY ITEM NECESSARY TO PROVIDE FOR THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTORS MUST BE QUALIFIED FOR THIS WORK AND MUST, WITHOUT DIRECTION, FURNISH AND INSTALL EVERYTHING NECESSARY TO PROVIDE CONSTRUCTION IN A COMPLETE AND ACCEPTABLE ORDER READY FOR USE WITHOUT ANY ADDITIONAL WORK. ALL PARTS MUST BE COORDINATED, COMPLETE, READY TO OPERATE AND DELIVERED TO THE OWNER IN NEW CONDITION.
3. THE CONTRACTORS ARE RESPONSIBLE FOR VERIFYING THE EXTENT, NATURE AND SCOPE OF WORK DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTORS SHALL PROVIDE ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO EXECUTE ALL WORK AS SHOWN ON THESE DRAWINGS EXCEPT WHERE NOTED AS NOT IN CONTRACT (N.I.C.). THEY SHALL BE RESPONSIBLE FOR COORDINATING THEIR WORK WITH THAT OF ALL OTHER TRADES. ALL WORK SHALL BE PERFORMED BY SKILLED AND QUALIFIED WORKERS IN ACCORDANCE WITH THE BEST PRACTICES OF EACH TRADE.
4. THE CONTRACTORS SHALL SUPPLY ALL LABOR, TRANSPORTATION, APPARATUS, SCAFFOLDING, ANY TOOLS NECESSARY FOR THE COMPLETION OF THE WORK. THEY SHALL MAINTAIN AND REMOVE ANY TEMPORARY EQUIPMENT, AND CONSTRUCT IN EXCELLENT AND WORKMANLIKE MANNER THE COMPLETE WORK AND EVERYTHING PROPERLY INCIDENTAL THEREOF AS STATED IN THE CONTRACT DOCUMENTS OR REASONABLY IMPLIED. THEREFORE, IT IS NOT THE INTENT OF THE CONTRACT DOCUMENTS TO SET FORTH IN DETAIL EVERY ITEM NECESSARY TO PROVIDE FOR THE CONSTRUCTION OF THIS PROJECT. THE CONTRACTORS MUST BE QUALIFIED FOR THIS WORK AND MUST, WITHOUT DIRECTION, FURNISH AND INSTALL EVERYTHING NECESSARY TO PROVIDE CONSTRUCTION IN A COMPLETE AND ACCEPTABLE ORDER READY FOR USE WITHOUT ANY ADDITIONAL WORK. ALL PARTS MUST BE COORDINATED, COMPLETE, READY TO OPERATE AND DELIVERED TO THE OWNER IN NEW CONDITION.
5. DUE TO THE NATURE OF RENOVATION WORK, THE BIDDER SHALL CONSIDER CONTINGENCIES IN THE BID. NO ADDITIONAL FUNDS WILL BE PROVIDED FOR EXISTING FIELD CONDITIONS THAT MAY ARISE, IF IT IS DEEMED BY THE ARCHITECT THAT THE CONTRACTORS COULD HAVE ANTICIPATED A PROBLEM FROM A FIELD VISIT. THE CONSTRUCTION DOCUMENTS ARE SCOPE DOCUMENTS AND AS SUCH MAY NOT DETAIL EXISTING CONDITIONS EXACTLY; HOWEVER, THIS DOES NOT RELEASE THE BIDDER FROM CAREFULLY REVIEWING THE EXISTING CONDITIONS THAT AFFECT THE WORK.
6. THE CONTRACTORS ACKNOWLEDGE AND AGREE THAT THEY HAVE INDIVISIBLE, INDELEGABLE, INTRANSFERABLE, AND CONTRACTUAL OBLIGATION TO THE OWNER TO MAKE THEIR OWN INSPECTIONS ON THEIR OWN WORK AT THE STAGES OF CONSTRUCTION, AND SHALL SUPERVISE AND SUPERINTEND PERFORMANCE OF WORK IN SUCH MANNER AS TO ENABLE THEM TO CONFIRM, CERTIFY AND CORROBORATE AT ALL TIMES THAT ALL WORK HAS BEEN EXECUTED STRICTLY, LITERALLY, RIGIDLY, AND INFLEXIBLY IN ACCORDANCE WITH THEIR METHODS, MATERIALS AND STANDARDS.
7. THE CONTRACTORS WILL REPAIR AND/OR REPLACE ALL DAMAGED MATERIALS THAT ARE FOUND TO HAVE BEEN MADE DURING THE COURSE OF THE WORK AND CLEANUP PROCEDURE. REPAIR SHALL MEAN THE ITEM(S) ARE RETURNED TO THEIR ORIGINAL STATE, AS A MINIMUM, AS DETERMINED BY THE OWNER AND THE ARCHITECT.
8. ALL CONTRACTORS SHALL BE LICENSED TO PRACTICE IN THE JURISDICTION OF THE SITE.
- B. CONTRACT DRAWINGS AND SPECIFICATIONS**
1. THE CONTRACTORS ARE REQUIRED TO THOROUGHLY INSPECT THESE DRAWINGS AND SPECIFICATIONS AND SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THE DRAWINGS AT THE JOB SITE, AND SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES AND/OR CONFLICTS IN WRITING BEFORE PROCEEDING WITH THE WORK.
2. EACH TRADE IS REQUIRED TO THOROUGHLY EXAMINE THESE DRAWINGS AND INSPECT THE EXISTING CONDITIONS AT THE JOB SITE TO IDENTIFY POTENTIAL PROBLEMS, CONFLICTS, DISCREPANCIES OR INTERFERENCE WITH OTHER TRADES.
3. ALL CONTRACTORS SHALL EXAMINE AND BE RESPONSIBLE FOR ALL ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS AND SPECIFICATIONS WHEN ESTABLISHING THE SCOPE OF WORK FOR THEIR RESPECTIVE TRADES.
4. NOTES APPEAR ON VARIOUS SHEETS FOR DIFFERENT SYSTEMS AND CONSTRUCTION MATERIALS. ALL SHEETS ARE TO BE REVIEWED AND NOTES ON ANY ONE SHEET ARE TO BE APPLIED TO ALL RELATED DRAWINGS AND DETAILS.
5. DETAILS NOT SHOWN ARE SIMILAR IN CHARACTER TO THOSE DETAILED, WHERE SPECIFIC DIMENSIONS, DETAILS OR DESIGN INTENT CANNOT BE DETERMINED, CONSULT THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
6. DRAWINGS MAY BE DISTORTED AND ARE NOT TO BE SCALED. WRITTEN DIMENSIONS GOVERN; LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DRAWINGS.
7. ARCHITECTURAL DIMENSIONS AND NOTES SHALL TAKE PRECEDENCE OVER ENGINEERING DIMENSIONS AND NOTES. IF DISCREPANCIES BETWEEN ARCHITECTURAL AND ENGINEERING DRAWINGS ARE DISCOVERED, CONTACT ARCHITECT FOR INTERPRETATION.
- C. EXISTING CONDITIONS**
1. ALL CONTRACTORS SHALL VERIFY AND BE FAMILIAR WITH THE EXISTING CONDITIONS AS AFFECTED BY THE SCOPE OF WORK TO BE PERFORMED, BY SUBMITTING A BID OR EXECUTING THE CONTRACT. THE CONTRACTORS REPRESENT THAT THEY HAVE VISITED THE SITE AND FAMILIARIZED THEMSELVES WITH THE LOCAL CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED.
2. NO REQUESTS FOR ADDITIONAL FUNDS WILL BE ALLOWED DUE TO IGNORANCE OF EXISTING CONDITIONS OR INTERFERENCE WITH THE WORK OF OTHER TRADES.
3. THE CONTRACTORS SHALL PROMPTLY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BETWEEN THE EXISTING CONDITIONS AND THE WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS.
4. THE CONTRACTORS MUST VERIFY ALL EXISTING CONDITIONS AT THE SITE, WHERE REQUIRED, NEW WORK MUST BE ADAPTED TO FIT EXISTING CONDITIONS AT NO ADDITIONAL COST TO THE OWNER.
5. EXISTING CONDITIONS ARE INDICATED FOR THE CONTRACTORS' CONVENIENCE ONLY. IT IS THE CONTRACTORS' RESPONSIBILITY TO VERIFY EXISTING CONDITIONS AS THEY ARE AFFECTED BY THE WORK. THE ARCHITECT DOES NOT WARRANT THE ACCURACY OR COMPLETENESS OF THE EXISTING CONDITIONS SHOWN. NO ADDITIONAL FUNDS WILL BE AUTHORIZED FOR THE CONTRACTORS' IGNORANCE OF EXISTING CONDITIONS AND THEIR IMPLICATIONS.
- D. DEMOLITION AND REMOVALS**
1. OWNER SHALL HAVE THE OPTION OF SELECTING ANY OR ALL OF THE ITEMS WHICH ARE DESIGNATED TO BE REMOVED BY THE CONTRACTORS AS SALVAGE FOR THE OWNER. CONTRACTORS SHALL REMOVE SUCH ITEMS WITH EXTREME CARE AND RETURN SUCH ITEMS TO THE OWNER.
2. OWNER SHALL REMOVE AND/OR RELOCATE PORTABLE EQUIPMENT, FURNITURE, ETC. WHICH WILL BE IN CONFLICT WITH NEW CONSTRUCTION.
- E. CUTTING AND PATCHING**
1. THE CONTRACTORS SHALL COORDINATE ALL WORK WITH ADJACENT AND AFFECTED TRADES. THE CONTRACTORS SHALL PERFORM ALL CUTTING, PATCHING AND FITTING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED OR IMPLIED ON THE DRAWINGS AND ALL OTHER WORK AS MAY BE REQUIRED TO COMPLETE THE JOB. PATCH AND REPAIR FLOORS, WALLS, CEILINGS, ETC. AS REQUIRED TO MATCH ADJACENT SURFACES AND/OR AS INDICATED ON THE DRAWINGS.
- F. MATERIALS, ASSEMBLIES AND INSTALLATION**
1. IT IS THE CONTRACTORS' RESPONSIBILITY TO COORDINATE AND ACCURATELY LOCATE ELECTRICAL, MECHANICAL AND PLUMBING DEVICES WITH CASEWORK AND OTHER CONSTRUCTION TO AVOID CONFLICTS. NO ADDITIONAL FUNDS WILL BE AUTHORIZED BY THE ARCHITECT FOR MISCOORDINATED WORK.
- G. SITE CONDITIONS**
1. ACTIVE PIPES, CONDUITS AND OTHER UTILITIES OF ALL TYPES, WHETHER SHOWN OR NOT, MUST BE PROTECTED BY THE CONTRACTORS AT ALL TIMES DURING THE CONSTRUCTION OF THE WORK. EXTREME CARE SHALL BE EXERCISED AT ALL TIMES NOT TO DAMAGE ANY SUCH PIPES AND CONDUITS. WHERE DAMAGE OCCURS, THE CONTRACTORS SHALL REPAIR SUCH DAMAGE IN A MANNER APPROVED BY THE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.
2. UNLESS SPECIFICALLY OTHERWISE APPROVED BY THE OWNER, ALL MECHANICAL, PLUMBING AND/OR ELECTRICAL LINES MUST BE KEPT ACTIVE DURING AND/OR AFTER CONSTRUCTION. WHEN DEALING WITH THE NEW OR RENOVATING WORK, THEY MUST BE TEMPORARILY RELOCATED DURING CONSTRUCTION AND PERMANENTLY RELOCATED AFTER CONSTRUCTION, TO LOCATIONS APPROVED BY THE ARCHITECT, AT NO ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTORS SHALL TAKE ALL NECESSARY PRECAUTIONS TO INSURE THE SAFETY OF THE STRUCTURE AND ITS INHABITANTS
4. THROUGHOUT THE PERIOD OF DEMOLITION AND CONSTRUCTION, PROVIDE ALL NECESSARY ACCOMMODATIONS TO KEEP THE TENANT-OCCUPIED PORTIONS OF THE BUILDING OPERATIONAL AND SAFE. THESE ACCOMMODATIONS INCLUDE, BUT ARE NOT LIMITED TO MECHANICAL SYSTEMS, ELECTRICAL AND COMMUNICATION WIRING, PLUMBING SYSTEMS, NOISE AND DUST CONTROL, TEMPORARY SIGNAGE, AND LIFE SAFETY MEASURES.
5. ALL CORRIDORS ARE TO BE KEPT FREE OF REFUSE AND CONSTRUCTION MATERIAL. CONTRACTORS SHALL DISPOSE OF DEMOLISHED MATERIALS OFF SITE AND PROVIDE DUMPSTERS AS REQUIRED.
- H. SITE RESTORATION**
1. WHETHER OR NOT SPECIFICALLY INDICATED, THE CONTRACT DOCUMENTS REQUIRE THAT THE CONTRACTORS SHALL INCLUDE AS A PART OF THEIR BID PROVISIONS FOR PROVIDING SITE RESTORATION FOR ANY PORTION OF THE SITE AFFECTED BY THE WORK. THIS SITE RESTORATION SHALL INCLUDE, BUT NOT BE LIMITED TO: RESTORING EXISTING LANDSCAPING, WALKS AND ROADWAYS TO A CONDITION ACCEPTABLE TO THE ARCHITECT.
- J. UNDERGROUND UTILITIES**
1. THE CONTRACTORS SHALL EXERCISE CARE IN EXCAVATION AND CONSTRUCTION SO AS NOT TO DISTURB EXISTING UNDERGROUND SITE UTILITIES (UNLESS SPECIFICALLY DOCUMENTED TO DO SO). THE CONTRACTORS SHALL EMPLOY A SERVICE TO LOCATE SUCH UTILITIES AND SHALL CONSULT WITH THE OWNER AS TO POSSIBLE LOCATIONS OF UNDERGROUND UTILITIES. IT SHALL BE THE CONTRACTORS' RESPONSIBILITY TO RESTORE SERVICE AND PAY FOR ANY UTILITY FEES IN CONNECTION WITH RESTORATION OF SERVICE IN THE EVENT OF DISRUPTION DUE TO EXCAVATION OR CONSTRUCTION.



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at
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School District 106
1750 Plainfield Road
LaGrange, IL 60525

for the
BOARD of EDUCATION

**LaGrange Highlands
School District 106
1750 Plainfield Road
LaGrange, IL 60525**



ISSUED FOR BID

REVISIONS

[illegible]

Project Number:
24046

Issue Date:
March 14, 2024

Drawn by: **FAP**

Sheet Title
COVER SHEET

Sheet Number

GO.1

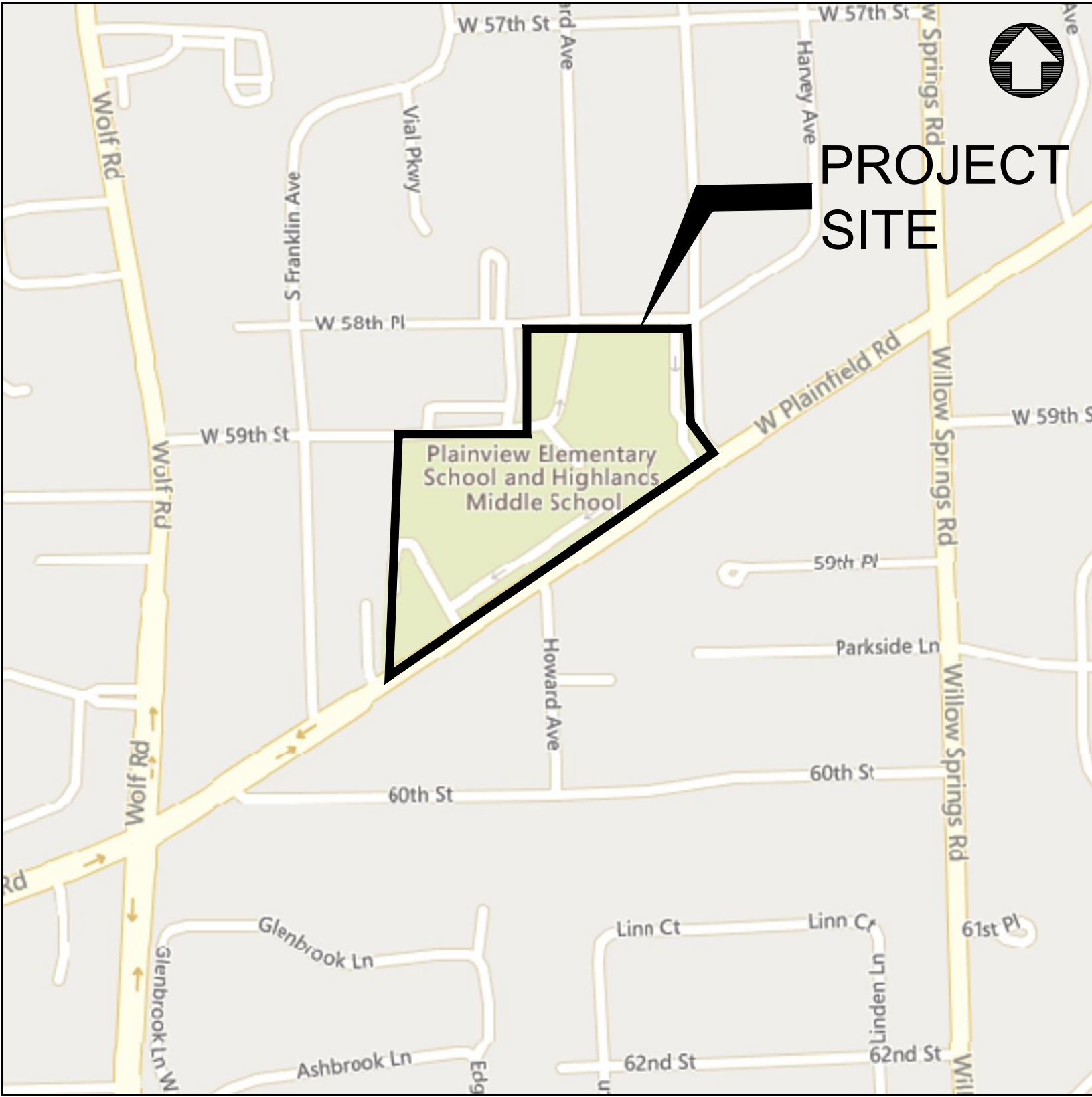
PROPOSED IMPROVEMENTS FOR D106 SUMMER 2024 PAVING IMPROVEMENTS

1750 W. PLAINFIELD RD, LA GRANGE HIGHLANDS 60525







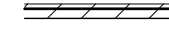
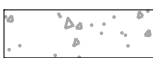


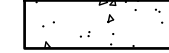



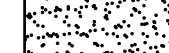

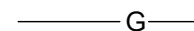









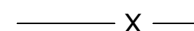

























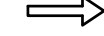

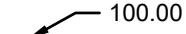

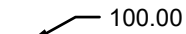

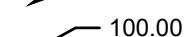





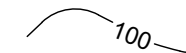
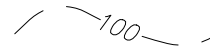

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C3.1	CONSTRUCTION DETAILS

LOCATION MAP



SECTION 17, TOWNSHIP 38N, RANGE 12E

EXISTING LEGEND	PROPOSED LEGEND
  EXISTING TREE	 CURB & GUTTER
 CURB & GUTTER	 REVERSE PITCH CURB & GUTTER
 EXISTING BUILDING	 DEPRESSED CURB & GUTTER
 PCC SIDEWALK	 PROPOSED BUILDING
 GAS SERVICE	 PCC SIDEWALK
 ELECTRIC SERVICE	 STANDARD DUTY PAVEMENT
 STORM SEWER	 HEAVY DUTY PAVEMENT
 SANITARY SEWER	 GAS SERVICE
 WATER MAIN	 ELECTRIC SERVICE
 CABLE LINE	 STORM SEWER
 OVERHEAD UTILITY LINE	 SANITARY SEWER
 COMMUNICATION LINE	 WATER MAIN
 FIBER OPTIC LINE	 FENCE
 FENCE	 STORM STRUCTURE
 STORM STRUCTURE	 DOWNSPOUT CONNECTION
 SANITARY MANHOLE	 SANITARY MANHOLE
 CLEANOUT	 CLEANOUT
 WATER METER	 WATER METER
 VALVE VAULT	 VALVE VAULT
 VALVE BOX	 VALVE BOX
 HYDRANT	 HYDRANT
 GAS METER	 GAS METER
 ELECTRIC METER	 ELECTRIC METER
 PARKING LOT LIGHT	 PARKING LOT LIGHT
 UTILITY POLE	 FLOW ARROW
 GUY WIRE	 OVERLAND FLOOD ROUTE
 TRANSFORMER	 TOP OF SIDEWALK GRADE
 FIBER OPTIC BOX	 TOP OF CURB GRADE
 FIBER OPTIC PEDESTAL	 PAVEMENT GRADE
 CABLE PEDESTAL	 GROUND GRADE
 PHONE PEDESTAL	 MAJOR CONTOUR
 ELECTRIC PEDESTAL	 MINOR CONTOUR
 MAJOR CONTOUR	
 MINOR CONTOUR	



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1750 Plainfield
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REVISIONS		
No.	Date	By

Project
Number: **24046**

Issue Date:
March 14, 2024

Drawn by:

Sheet Title
SITE LOCATION MAP
CIVIL LEGEND

Sheet Number

C0.0



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GENERAL REQUIREMENTS:

- ALL WORK SHALL BE IN CONFORMANCE WITH THE APPLICABLE SECTIONS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (HEREIN AFTER REFERRED TO AS STANDARD SPECIFICATIONS) ADOPTED JANUARY 1, 2022 AND SUPPLEMENTAL SPECIFICATIONS. WITHIN THE STANDARD SPECIFICATIONS, ARTICLES 105.01, 105.09, 105.10, 105.11, 105.12, 105.13 AND SECTION 109 SHALL NOT BE INCORPORATED INTO THIS CONTRACT.
- SCOPE OF WORK: THE PROPOSED IMPROVEMENTS CONSIST OF SUPPLYING ALL THE NECESSARY LABOR, MATERIAL AND EQUIPMENT TO SATISFACTORILY CONSTRUCT AND INSTALL ALL IMPROVEMENTS ACCORDING TO THE PLANS DESIGNATED HEREIN.
- CONTRACTOR SHALL HAVE THE RESPONSIBILITY TO LOCATE AND PROTECT ALL UNDERGROUND FACILITIES/UTILITIES DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATION. ANY DAMAGE TO ANY UTILITY SHALL BE PROMPTLY REPORTED TO THE OWNER. REPAIRS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE UNDERGROUND UTILITIES SHOWN HEREIN ARE APPROXIMATE AND BASED ON THE ACTUAL LOCATION OF SURFACE STRUCTURES AND PLANS PROVIDED BY THE OWNER. THE IMPLIED PRESENCE OR ABSENCE OF UTILITIES IS NOT TO BE CONSTRUED BY THE OWNER. ENGINEER, CONTRACTOR, OR SUBCONTRACTORS TO BE AN ACCURATE AND COMPLETE REPRESENTATION OF UTILITIES THAT MAY OR MAY NOT EXIST ON THE CONSTRUCTION SITE. BURIED AND ABOVE GROUND UTILITY LOCATION, IDENTIFICATION, AND MARKING IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. REROUTING, DISCONNECTION, PROTECTION, ETC. OF ANY UTILITIES MUST BE COORDINATED BETWEEN THE CONTRACTOR, UTILITY COMPANY, AND OWNER. SITE SAFETY, INCLUDING THE AVOIDANCE OF HAZARDS ASSOCIATED WITH BURIED AND ABOVEGROUND UTILITIES REMAINS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS.
- THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN MARKINGS AND ASSOCIATED HAZARD WARNING LIGHTS, DELINEATOR FENCE, AND OTHER ASSOCIATED FACILITIES AS REQUIRED FOR OPEN TRENCHES, EXCAVATIONS, TEMPORARY STOCK PILES, AND PARKED CONSTRUCTION EQUIPMENT THAT MAY POSE A POTENTIAL HAZARD AS PART OF THE DAILY OPERATIONS AT THIS SITE. CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY.
- CONTRACTOR SHALL CONTINUOUSLY COMPARE ALL LINES, GRADES, AND OTHER INFORMATION APPEARING ON THE PLANS WITH THE ACTUAL LINES, GRADES, AND SITE CONDITIONS. ANY DISCREPANCIES THAT MAY AFFECT THE PERFORMANCE OF THE WORK IN ACCORDANCE WITH THE INTENT OF THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY REPORTED TO THE OWNER AND ENGINEER IN WRITING FOR DISPOSITION BEFORE CONTRACTOR PROCEEDS WITH THE WORK. CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR THE WORK COMPLETED PRIOR TO THE REPORT TO THE OWNER AND ENGINEER, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR CORRECTION OF THE WORK PRIOR TO THE REPORT TO THE OWNER AND ENGINEER.
- CONTRACTOR PARKING AND LAYDOWN AREAS SHALL BE COORDINATED WITH THE OWNER.
- PRIOR TO PERFORMING ANY WORK IN OR ON THE RIGHT OF WAY OF ANY CITY OR STATE ROADWAY, THE CONTRACTOR SHALL NOTIFY THE CITY / STATE TRAFFIC ENGINEER'S OFFICE. THE CONTRACTOR SHALL ERECT WARNING SIGNS AND BARRICADES TO PROTECT THE TRAVELING PUBLIC AND HIS WORKERS. THE SIGNING AND BARRICADING SHALL CONFORM TO THE APPROPRIATE APPLICATIONS OUTLINED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR AS OTHERWISE DIRECTED BY THE CITY / STATE TRAFFIC ENGINEER. IF PERMITS ARE REQUIRED TO CONDUCT THE WORK, THE CONTRACTOR SHALL SECURE THE PERMITS AND SUPPLY THEM TO THE OWNER AT NO ADDITIONAL COST. ALL FULL WIDTH LANE CLOSURES, PARTIAL LANE CLOSURES, AND CONSTRUCTION ADJACENT TO PAVEMENT SHALL BE IDENTIFIED, SIGNED, AND BARRICADES ERECTED IN CONFORMANCE WITH THE APPLICABLE ARTICLES OF SECTION 701 OF THE STANDARD SPECIFICATIONS AND THE MUNICIPALITY'S REQUIREMENTS. ALL TRAFFIC PROTECTION, BOTH ONSITE AND OFFSITE, SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- CONTRACTOR SHALL REMOVE EARTHEN MATERIALS, EXISTING SURFACES, AND STRUCTURES AS REQUIRED. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OFF-SITE AND SHALL BE INCIDENTAL TO THE CONTRACT.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS, UNLESS NOTED. THIS WILL INCLUDE BUT NOT BE LIMITED TO MUNICIPAL BUILDING PERMIT. THE OWNER WILL SECURE THE N.P.D.E.S. PERMIT. THE CONTRACTOR SHALL PROVIDE ANY FINANCIAL SURETIES REQUIRED AS PART OF ANY PERMIT.
- WHEN CONCRETE IS PLACED ABUTTING STRUCTURES, FOUNDATIONS OR EXISTING SIDEWALKS, A BOND BREAKER CONSISTING OF 1" P.J.F. AND ELASTOMERIC JOINT SEALANT SHALL BE USED FULL DEPTH UNLESS OTHERWISE NOTED.
- MAXIMUM CONTRACTION JOINT SPACING ON CONCRETE CURB AND GUTTER OR CONCRETE GUTTER SHALL NOT EXCEED 25'.
- SIDEWALK RAMPS FOR ADA SHALL BE IN ACCORDANCE WITH THE DETAILS SHOWN HEREIN. DETECTABLE WARNINGS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS.
- HOT-MIX ASPHALT PAVEMENT PATCHING SHALL BE IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING AND SUBMITTING ELECTRONIC AS-BUILT DRAWINGS, FOR UTILITIES AND DETENTION AREAS, TO THE OWNER AND ENGINEER FOR REVIEW AND APPROVAL PRIOR TO PROJECT ACCEPTANCE.
- CONSTRUCTION STAKING, LAYOUT, AND GRADING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR USING THE BASIC TOPOGRAPHIC SURVEY CONTROLS PROVIDED IN THE PLANS. CONTRACTOR SHALL VERIFY SURVEY CONTROLS PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES IN THE SURVEY CONTROLS SHALL BE REPORTED TO THE OWNER AND ENGINEER PRIOR TO CONSTRUCTION. ANY ADDITIONAL SURVEY CONTROLS REQUIRED FOR CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL COORDINATE ALL UTILITY LINE CROSSINGS TO ENSURE ALL PIPES MAINTAIN MINIMUM COVER, MINIMUM CLEARANCES, AND PROPER SEPARATION. GRAVITY LINES SHALL HAVE PRECEDENCE OVER PRESSURIZED LINES.
- CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS INCORPORATED INTO THE WORK FOR ENGINEER REVIEW AND APPROVAL A MINIMUM OF 4 WEEKS PRIOR TO ORDERING.
- REFERENCES TO "INSPECTION" OR "INSPECTOR" IN THE SPECIFICATIONS SHALL NOT CREATE, IMPOSE, OR GIVE RISE TO ANY DUTY OWED BY THE OWNER OR ENGINEER TO THE CONTRACTOR, ANY SUBCONTRACTOR, OR ANY SUPPLIER. ALL IMPROVEMENTS SHALL BE SUBJECT TO INSPECTION BY A DULY AUTHORIZED AND QUALIFIED OWNER'S REPRESENTATIVE BOTH DURING THE COURSE OF CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE. THE INSPECTOR SHALL HAVE AUTHORITY OVER MATERIALS OF CONSTRUCTION, METHODS OF CONSTRUCTION AND WORKSMANSHIP TO ENSURE COMPLIANCE WITH WORKING DRAWINGS AND SPECIFICATIONS. THE CONTRACTOR SHALL PROVIDE FOR REASONABLE TESTS AND PROOF OF QUALITY OF MATERIALS AS REQUESTED BY THE INSPECTOR. UPON DUE CAUSE, WHICH SHALL INCLUDE WEATHER CONDITIONS, WORKMANSHIP OR NON-ADHERENCE TO THE APPROVED PLANS AND SPECIFICATIONS, THE INSPECTOR SHALL HAVE THE AUTHORITY TO STOP CONSTRUCTION.
- WHERE SECTION, SUB-SECTION, SUBDIVISION, OR PROPERTY MONUMENTS ARE ENCOUNTERED, THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND PRESERVE ALL PROPERTY MARKERS UNTIL AN OWNER OR AUTHORIZED SURVEYOR HAS WITNESSED OR REFERENCED THEIR LOCATION.
- ALL TRENCH BACKFILL SHALL BE IMPROVED GRANULAR MATERIAL UNLESS EXISTING GRANULAR MATERIALS ARE SPECIFICALLY APPROVED BY THE OWNER'S REPRESENTATIVE.
- ALL AGGREGATE BASE COURSE SHALL BE COMPACTED TO 96% STANDARD PROCTOR DENSITY.
- ALL AGGREGATE BASE AREAS TO BE PAVED (PAVEMENT, SIDEWALK, CURB, OR STRUCTURES) SHALL BE PROOF-ROLLED WITH SEVERAL PASSES OF A FULLY LOADED DUMP TRUCK. CONTRACTOR SHALL NOTIFY THE OWNER AND/OR ENGINEER 24 HOURS PRIOR TO PROOF ROLL AND SHALL MAKE ALL CORRECTIONS TO PROVIDE A SATISFACTORY SUBGRADE.
- ANY UNCONTROLLED CRACKING THAT OCCURS IN CONCRETE PAVEMENT, SIDEWALK, CURB, OR CURB AND GUTTER PRIOR TO FINAL ACCEPTANCE SHALL BE ROUTED OR SAWED AND SEALED ACCORDING TO THE STANDARD SPECIFICATIONS.
- CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES PRIOR TO ANY WORK IN AND AROUND UTILITY-OWNED INFRASTRUCTURE AND MAKE THEM AWARE OF WORK TO BE PERFORMED.
- ALL SIDEWALKS SHALL BE 4 INCHES IN THICKNESS AND CONSTRUCTED TO THE WIDTH SHOWN ON THE PLANS. ALL SIDEWALKS SHALL BE CONSTRUCTED WITH A MIN. CROSS SLOPE OF 1% AND A MAX. CROSS SLOPE OF 2%. SIDEWALK THICKNESS SHALL BE INCREASED TO A MINIMUM 6" AT DRIVEWAYS OR AS REQUIRED BY THE MUNICIPALITY.
- ANY SIDEWALKS, FENCES, AND OTHER ITEMS NOT SHOWN TO BE REMOVED, BUT DAMAGED DURING CONSTRUCTION, SHALL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE OWNER.
- CONTRACTOR SHALL NOTIFY THE APPROPRIATE AGENCY A MINIMUM OF 48 HOURS PRIOR TO CONNECTING TO OR INSTALLING ANY PUBLIC SEWER OR WATER MAINS.
- PRIOR TO COMMENCEMENT OF CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AFFECTING THEIR WORK WITH THE ACTUAL CONDITIONS AT THE PROJECT SITE. IN ADDITION, THE CONTRACTOR MUST VERIFY THE ENGINEER'S LINE AND GRADE STAKES. IF THERE ARE ANY DISCREPANCIES FROM WHAT IS SHOWN ON THE CONSTRUCTION PLANS, THE CONTRACTOR MUST IMMEDIATELY PROVIDE THE INFORMATION TO THE ENGINEER BEFORE DOING ANY WORK. OTHERWISE, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY. IN THE EVENT OF DISAGREEMENT BETWEEN THE CONSTRUCTION PLANS, STANDARD SPECIFICATIONS AND/OR DETAILS, THE CONTRACTOR SHALL SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER PRIOR TO PROCEEDING WITH ANY PART OF THE WORK EFFECTED BY OMISSIONS OR DISCREPANCIES. IF THE CONTRACTOR FAILS TO SECURE WRITTEN INSTRUCTIONS FROM THE ENGINEER, THE CONTRACTOR WILL BE CONSIDERED TO HAVE PROCEEDED AT HIS OWN RISK AND EXPENSE. IN THE EVENT OF ANY DOUBT OR QUESTION ARISING WITH RESPECT TO SPECIFICATIONS, THE DECISION OF THE ENGINEER SHALL BE FINAL.

EXISTING TOPOGRAPHY:

- ALL UTILITIES SHOWN ARE APPROXIMATE ONLY AND ARE DERIVED FROM EXISTING UTILITY MARKINGS, OLD SITE PLANS, UTILITY COMPANY MAPS, PRIVATE LOCATOR AND OBSERVED EVIDENCE.
- ALL PIPE SIZES REFERENCED HEREON ARE SHOWN ACCORDING TO UTILITY COMPANY MAPS, OLD SITE PLANS AND OBSERVED EVIDENCE. ALL PIPE SIZES AND INVERTS SHOULD BE VERIFIED PRIOR

TO ANY CONSTRUCTION.

- PRIOR TO ANY EXCAVATION CONTRACTORS SHALL CALL THE TOLL FREE J.U.L.I.E. TELEPHONE NUMBER 1-800-892-0123. ALLOW 48 HOURS FOR LOCATIONS OTHER THAN EMERGENCY ASSISTANCE.

SITE DEMOLITION:

- EXISTING UTILITIES TO REMAIN, WHICH ARE DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION, SHALL BE REPAIRED AND/OR REPLACED WITHOUT ADDITIONAL COMPENSATION. CONFLICTS WITH PROPOSED CONSTRUCTION AND UTILITIES TO REMAIN ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONSTRUCTION MANAGER FOR COORDINATION WITH THE OWNER'S REPRESENTATIVE, ENGINEER, AND UTILITY COMPANY.
- NO DEMOLITION OR CONSTRUCTION ACTIVITIES SHALL TAKE PLACE WITHIN PUBLIC RIGHT-OF-WAY UNTIL ALL PERMITS ARE SECURED.
- ALL PAVEMENT TO BE REMOVED SHALL BE SAWCUT FULL DEPTH.
- CONTRACTOR SHALL EMPLOY ALL MEASURES NECESSARY DURING DEMOLITION TO CONTROL EROSION AND INSURE THAT SEDIMENT DOES NOT LEAVE THE SITE. TRACKING OF DIRT ONTO PUBLIC STREETS AND EXISTING PARKING LOT SHALL BE CLEANED IMMEDIATELY, AND ALL SEDIMENT AND EROSION CONTROL ITEMS SHALL BE INSTALLED PRIOR TO CLEARING AND DEMOLITION WORK.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS AND BECOMING FAMILIAR WITH ALL CONSTRUCTION DOCUMENTS.
- ITEMS INDICATED TO BE REMOVED SHALL BE COMPLETELY REMOVED UNLESS INDICATED OTHERWISE.
- ITEMS INDICATED TO BE SALVAGED SHALL BE CAREFULLY REMOVED AND STORED IN A LOCATION DESIGNATED BY THE OWNER.
- ALL TREES AND BRUSH INDICATED TO BE REMOVED SHALL BE REMOVED COMPLETELY, INCLUDING ROOT BALLS.
- UNLESS OTHERWISE IDENTIFIED AND/OR NOTED ON THE DEMOLITION PLAN, CONTRACTOR SHALL FULLY DEMOLISH, REMOVE, AND LAWFULLY DISPOSE OF ALL EXISTING BUILDINGS, IMPROVEMENTS, AND RELATED APPURTENANCES AT THIS SITE AND PROPERTY. CONTRACTOR SHALL ALSO DEMOLISH, REMOVE, AND LAWFULLY DISPOSE OF EXISTING IMPROVEMENTS AND CONSTRUCTIONS AT THE PUBLIC RIGHT-OF-WAY NECESSARY TO ACCOMPLISH THE NEW PROJECT WORK DESCRIBED ELSEWHERE IN THESE BIDDING AND CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL PROCURE ALL NECESSARY PERMITS AND APPROVALS FOR SUCH DEMOLITION WORK (BOTH INSIDE THE PROPERTY LINE AND IN THE PUBLIC RIGHT-OF-WAY) PRIOR TO COMMENCING ANY DEMOLITION OPERATIONS.
- CONTRACTOR SHALL FULLY PROTECT ALL SURROUNDING PROPERTIES FROM ANY AND ALL DAMAGE DURING DEMOLITION OPERATIONS; AND SHALL BE FULLY RESPONSIBLE FOR REPAIRING (TO A CONDITION ACCEPTABLE TO THE OWNER AND ARCHITECT) ANY AND ALL DAMAGE THAT DOES OCCUR.
- CONTRACTOR SHALL PROVIDE ALL NECESSARY TRAFFIC CONTROLS AND RELATED APPURTENANCES THAT ARE REQUIRED BY ANY APPLICABLE CODES AND ORDINANCES, DURING ALL DEMOLITION OPERATIONS.
- CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE SAFETY AND SECURITY OF THE PROJECT SITE AND ITS SURROUNDINGS DURING DEMOLITION OPERATIONS.
- ALL DEMOLISHED EXISTING MATERIALS, SYSTEMS, AND CONSTRUCTIONS SHALL BE DISPOSED OF IN A LAWFUL MANNER, AND WRITTEN RECORDS OF THE FINAL DESTINATION FOR THESE MATERIALS, SYSTEMS, AND CONSTRUCTIONS INCLUDING ANY IDENTIFIED HAZARDOUS ITEMS SHALL BE PROVIDED TO THE OWNER AND ENGINEER. ADDITIONALLY, SOME EXISTING MATERIALS AND SYSTEMS MAY NEED TO BE RECYCLED AND/OR OTHERWISE SALVAGED IN ORDER TO MEET THE SUSTAINABILITY AND LEED REQUIREMENTS OF THIS PROJECT. SEE OTHER PORTIONS OF THESE BIDDING AND CONSTRUCTION DOCUMENTS FOR SUCH REQUIREMENTS.
- EXISTING SITE SHALL BE CLEANED ON A DAILY BASIS THROUGHOUT THE DURATION OF DEMOLITIONS OPERATIONS; AND NO DEBRIS OR PRODUCTS OF DEMOLITION SHALL BE ALLOWED TO ACCUMULATE OUTSIDE THE BOUNDARIES OF THE SITE.
- CONTRACTOR SHALL FULLY COORDINATE ALL PROJECT DEMOLITION OPERATIONS, INCLUDING THE REMOVAL AND LAWFUL DISPOSAL OF ALL IDENTIFIED HAZARDOUS MATERIALS AND SYSTEMS.
- CONTRACTOR SHALL SUBMIT A COMPLETE WRITTEN PLAN AND SCHEDULE FOR ALL PROPOSED DEMOLITION WORK TO OWNER AND ARCHITECT FOR REVIEW AND COMMENT, PRIOR TO BEGINNING ANY SUCH OPERATIONS. DURING THE COURSE OF THIS DEMOLITION WORK, IF ANY ARTIFACTS OR OTHER UNUSUAL ITEMS ARE DISCOVERED, CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER IMMEDIATELY, BEFORE PROCEEDING ANY FURTHER. ANY EXPENSES RESULTING FROM THE FAILURE TO PROVIDE SUCH IMMEDIATE NOTIFICATION SHALL BE BORNE BY THE CONTRACTOR.

SITE LAYOUT:

- JOINTS IN SIDEWALK SHALL BE TOOLED AT 5' MAX. INTERVALS, UNLESS INDICATED OTHERWISE.
- NORTHING-EASTING COORDINATES AND DIMENSIONS FOR CURB AND GUTTER ARE TO FACE OF CURB.
- CONTRACTOR SHALL COORDINATE ALL WORK WITHIN PUBLIC RIGHT-OF-WAY WITH THE APPROPRIATE PUBLIC AGENCY. NOTIFICATION SHALL OCCUR A MINIMUM OF 48 HOURS PRIOR TO COMMENCING WORK WITHIN PUBLIC RIGHT-OF-WAY. ALL PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- P.C. CONCRETE PAVEMENT AND SIDEWALKS SHALL BE CLASS PV AND CLASS SI, RESPECTIVELY, IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS.
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING SITE CONDITIONS AND BECOMING FAMILIAR WITH ALL CONSTRUCTION DOCUMENTS.
- SEE ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSIONS AND DOOR LOCATIONS.
- CONTRACTOR SHALL COORDINATE EQUIPMENT PADS WITH EQUIPMENT MANUFACTURERS.

SITE GRADING AND EROSION CONTROL:

- ENGINEERED STRUCTURAL FILLS SHALL BE INCLUDED IN OVERALL SITE DEVELOPMENT TO PROVIDE ADEQUATE STRUCTURAL SUPPORT FOR THE FLOOR SLABS ON GRADE AND ADJOINING PAVEMENT AREAS. REFER TO THE GEOTECHNICAL REPORT FOR APPROVED FILL MATERIALS.
- WHERE FIRM FOUNDATION MATERIAL IS NOT ENCOUNTERED AT THE GRADE ESTABLISHED, DUE TO UNSUITABLE SOIL, ALL SUCH UNSUITABLE MATERIAL SHALL BE REMOVED AND REPLACED WITH APPROVED COMPACTED GRANULAR MATERIAL.
- TOPSOIL SHALL BE STRIPPED IN ALL STRUCTURAL FILL AREAS BEFORE PLACEMENT OF FILL MATERIAL AND SHALL BE STOCKPILED IN AREAS DESIGNATED BY THE OWNER OR PER PLAN.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM EARTHWORK CALCULATIONS BASED ON THE PROVIDED PLANS AND TO LAWFULLY DISPOSE OF AND REMOVE ANY EXCESS MATERIAL FROM THE PROJECT SITE, OR TO PROVIDE ANY NECESSARY FILL MATERIAL THAT MAY BE REQUIRED TO MEET THE FINAL PLAN GRADES. THE DISPOSAL OR PROVIDING OF MATERIAL SHALL BE INCIDENTAL TO THE CONTRACT.
- ALL VEGETATIVE AND STRUCTURAL EROSION CONTROL PRACTICES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "ILLINOIS URBAN MANUAL."
- THE OWNER/ENGINEER SHALL PROVIDE THE SOIL EROSION AND SEDIMENT CONTROL PLANS INCLUDED HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DOCUMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN BOOKLET AND ASSOCIATED DOCUMENTS IN ACCORDANCE WITH THE "GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES," AND A COPY SHALL BE KEPT ONSITE AT ALL TIMES.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE INSTALLATION, ALL INSPECTIONS, AND MAINTENANCE OF ALL EROSION CONTROL FACILITIES REQUIRED BY THE GENERAL NPDES PERMIT UNTIL FINAL STABILIZATION OF ALL AREAS DISTURBED BY CONSTRUCTION OCCURS. MAINTENANCE AND REPLACEMENT OF EROSION CONTROL ITEMS SHALL BE CONSIDERED AS INCIDENTAL TO THE CONTRACT.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY MUST BE SEEDED, SODDED, BLANKETED OR OTHERWISE PROTECTED WITHIN 14 DAYS OF FINAL DISTURBANCE. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THIS PROJECT WHICH ARE LOCATED OUTSIDE OF THE PROPOSED SEEDING LIMITS SHALL BE GRADED TO DRAIN, FERTILIZED, SEEDED, MULCHED AND WATERED. THE COST ASSOCIATED WITH THE PLACEMENT OF ADDITIONAL FERTILIZER, SEED, MULCH AND WATERING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. A MINIMUM OF 70% VEGETATIVE COVERAGE IS REQUIRED PRIOR TO ACCEPTANCE.
- ALL EROSION CONTROL MEASURES SHOWN ON THE PLAN ARE THE MINIMUM MEASURES REQUIRED. UNFORESEEN CHANGES IN SCOPE, SCHEDULE OR CONSTRUCTION METHODS MAY RESULT IN CHANGES OR ADDITIONS TO THIS PLAN AND THE SWPPP. ANY CHANGES OR ADDITIONS NECESSARY TO MAINTAIN COMPLIANCE WITH THE NPDES PERMIT SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE OWNER.
- SHOULD PROJECT SCHEDULING PROHIBIT THE ABILITY TO SEED DISTURBED EARTH UPON COMPLETION OF GRADING, CONTRACTOR SHALL EMPLOY ALTERNATE SOURCE CONTROLS IN ADDITION TO THOSE ON THIS PLAN, INCIDENTAL TO THE CONTRACT.
- DUST CONTROL MUST BE PROVIDED AS NEEDED, BY WATERING OR OTHER MEANS.
- ALL AREAS WITH THE EXCEPTION OF PAVEMENT SHALL BE FINISHED IN ACCORDANCE WITH THE LANDSCAPE PLANS INCLUDED IN THE PLAN SET.
- CONTRACTOR SHALL INSTALL INLET FILTER PROTECTION BASKETS INSIDE ALL EXISTING AND PROPOSED MANHOLES AND INLET FRAMES.
- CONTRACTOR IS REQUIRED TO PROVIDE AND USE A CONCRETE WASHOUT AREA FOR RINSING CONCRETE TRUCKS.
- CONTRACTOR IS REQUIRED TO PROVIDE AND USE A TEMPORARY CONSTRUCTION ENTRANCE FOR ALL CONSTRUCTION TRAFFIC PER PLAN.
- CONTRACTOR SHALL PROVIDE AND USE A WHEEL WASH SYSTEM TO ENSURE THAT ALL CONSTRUCTION TRAFFIC ENTERING AND EXITING THE SITE MAINTAIN CLEAN TIRES. ANY SEDIMENT TRACKED ONTO ADJACENT ROADWAYS OR PAVED AREAS SHALL BE REMOVED BY THE CONTRACTOR BY THE END OF THE SAME WORK DAY.

- ALL ELEVATIONS SHOWN ARE TO FINISHED PAVEMENT UNLESS SPECIFIED OTHERWISE.
- ALL SLOPES GREATER THAN OR EQUAL TO 4:1 SHALL BE STABILIZED WITH NAG 575BN OR EQUIVALENT.
- CONTRACTOR SHALL PROVIDE A MINIMUM OF 6" TOPSOIL IN ALL ISLANDS, LANDSCAPE AREAS, AND OPEN SPACES.

SITE UTILITIES:

- THIS CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - "STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS", CURRENT EDITION.
 - ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION"
 - CITY OF LAGRANGE HIGHLANDS, LOCAL TOWNSHIP AND COOK COUNTY OFFICE OF PUBLIC WORKS AND MWRD STANDARDS AND SPECIFICATIONS
- ALL UTILITY TRENCHES UNDER OR WITHIN 2' OF EXISTING OR PROPOSED PAVEMENT OR BUILDING SHALL BE BACKFILLED WITH COMPACTED GRANULAR MATERIAL IN ACCORDANCE WITH IDOT SPECIFICATIONS. CONTROLLED LOW-STRENGTH MATERIAL (CLSM) SHALL BE USED TO BACKFILL TRENCHES WITHIN PUBLIC RIGHT OF WAY. THE CLSM SHALL EXTEND 2 FT PAST THE PROPOSED PAVEMENT, CURB, OR SIDEWALK.
- OPEN CUT TRENCHES SHALL BE SHEETED AND BRACED AS REQUIRED BY THE GOVERNING STATE, FEDERAL LAWS AND MUNICIPAL ORDINANCES, AND AS MAY BE NECESSARY TO PROTECT LIFE, PROPERTY OR THE WORK.
- CONTRACTOR SHALL AT ALL TIMES DURING CONSTRUCTION PROVIDE AND MAINTAIN SUFFICIENT MEANS AND DEVICES TO REMOVE AND PROPERLY DISPOSE OF ALL WATER ENTERING THE EXCAVATIONS. WATER SHALL BE FILTERED AND DISCHARGED IN ACCORDANCE WITH THE NPDES REQUIREMENTS.
- ALL PIPE SHALL BE INSTALLED ON A BEDDING OF APPROVED, COMPACTED GRANULAR MATERIAL UNLESS OTHERWISE APPROVED BY THE ENGINEER. THE BEDDING MATERIAL SHALL BE INSTALLED PER STANDARD SPECIFICATIONS AND PROVIDED PLAN DETAILS.
- A MINIMUM HORIZONTAL SEPARATION OF 10 FEET SHALL BE MAINTAINED BETWEEN ALL WATER MAINS AND SEWERS. IF SEPARATION IS NOT POSSIBLE, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
- WATER MAINS SHALL CROSS ABOVE SEWERS WITH A MINIMUM VERTICAL SEPARATION OF 18 INCHES WHILE STILL MAINTAINING THE REQUIRED DEPTH OF COVER. IF PROPER SEPARATION IS NOT POSSIBLE, OR IF THE WATER MAIN MUST BE ROUTED UNDER THE SEWER, WATER MAIN ENCASEMENT SHALL BE REQUIRED OR THE SEWER SHALL BE CONSTRUCTED OF WATER MAIN QUALITY PIPE.
- ALL SANITARY SEWERS SHALL BE TESTED FOR EXFILTRATION OF AIR UNDER PRESSURE, INFILTRATION OF WATER, AND/OR EXFILTRATION OF WATER AS PER STANDARD SPECIFICATIONS. ALL SANITARY SELECTION TESTED NO SOONER THAN 30 DAYS AFTER INSTALLATION. ALL MANHOLES SHALL BE TESTED FOR WATERTIGHTNESS BY EITHER ASTM C 969 OR ASTM C 1244.
- STORM SEWER SHALL BE IN CONFORMANCE WITH THE FOLLOWING:
 - REINFORCED CONCRETE PIPE (RCP), ASTM C76
 - GASKETS - ASTM C443
 - FITTINGS - ASTM C443
 - SMOOTH INTERIOR WALLED HIGH DENSITY POLYETHYLENE PIPE (HDPE), ASTM D3212, N-12 WT
 - WATER TIGHT JOINTS
 - JOINT SHALL BE SEALED SUFFICIENTLY TO PREVENT JETTING OR LEAKING AT THE JOINT
 - PVC STORM SEWER PIPING, ASTM D 3034, SDR 35
 - BELL-AND-SPIGOT ENDS
 - ASTM F 477, ELASTOMERIC SEALS FOR GASKETED JOINTS
 - FRAME AND GRATES
 - TYPE 1 CLOSED LID = NEENAH R-1713
 - TYPE 1 OPEN LID = NEENAH R-2504
 - TYPE 3 = NEENAH R-3281-A
 - DITCH GRATE = NEENAH R-4342
- SANITARY SEWER SHALL BE IN CONFORMANCE WITH THE FOLLOWING:
 - PIPE AND FITTING MATERIAL - POLYVINYL CHLORIDE (PVC) SDR 26, ASTM D 3034, TYPE PSM
 - GASKETS - FLEXIBLE ELASTOMERIC, ASTM F 477, ASTM D 3139
 - JOINTS - ASTM D 3212
 - BEDDING - CLASS II, ASTM 2321
- ALL CLEANOUT RIMS SHALL BE CONSTRUCTED FLUSH WITH THE FINISHED GROUND SURFACE.
- CONTRACTOR SHALL COORDINATE CONSTRUCTION OF SANITARY SEWER SERVICES WITH THE DEPARTMENT OF PUBLIC WORKS.
- CONTRACTOR SHALL COORDINATE WATER MAIN, FIRE AND DOMESTIC WATER SERVICES WITH THE DEPARTMENT OF PUBLIC WORKS.
- GENERAL CONTRACTOR SHALL COORDINATE ALL UTILITY LINES THAT ENTER THE BUILDING. IN GENERAL, PLUMBING PLANS SHOW ALL INTERIOR BUILDING PIPING AND PIPING UP TO 5-FEET OUTSIDE THE BUILDING. CIVIL PLANS SHOW SITE PIPING BEGINNING FROM 5-FEET OUTSIDE THE BUILDING. GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY CONNECTIONS.
- CONTRACTOR SHALL COORDINATE ALL UTILITY LINE CROSSINGS TO ENSURE ALL PIPES MAINTAIN MINIMUM COVER, MINIMUM CLEARANCES, AND PROPER SEPARATION. GRAVITY LINES SHALL HAVE PRECEDENCE OVER PRESSURIZED LINES.
- ALL TRENCH BACKFILL SHALL BE IMPORTED GRANULAR MATERIAL UNLESS EXISTING GRANULAR MATERIALS ARE SPECIFICALLY APPROVED BY THE OWNER'S REPRESENTATIVE.
- ALL MANHOLES AND INLET CASTINGS LOCATED WITHIN BITUMINOUS ASPHALT PAVEMENT SHALL BE CONSTRUCTED WITH A CONCRETE APRON AT THE SURFACE.
- FOR ALL WATERMAIN CONSTRUCTION:
 - WATER MAIN AND SERVICES TO BE INSTALLED WITH A MINIMUM OF 5'-6" OF COVER FROM FINISHED GRADE TO TOP OF WATER PIPE.
 - TWO COMPLETE PIPE LENGTHS OF RESTRAINED JOINT PIPE SHALL BE CONSTRUCTED ON THE BRANCH LEG OF ALL TEES AND BOTH SIDES OF ALL 90 DEGREE BENDS.
 - ONE COMPLETE PIPE LENGTH OF RESTRAINED JOINT PIPE SHALL BE CONSTRUCTED ON BOTH SIDES OF ALL 11-1/4 AND 22-1/2 DEGREE BENDS.
 - ALL BENDS, TEES, PLUGS, VALVES AND HYDRANTS SHALL BE RESTRAINED JOINT.
 - ALL WATERMAIN PIPE 4" AND LARGER SHALL BE POLY WRAPPED DUCTILE IRON PIPE SPECIAL CLASS 52, 250 PSI RATING, WITH SINGLE GASKET JOINTS. CEMENT LINING SHALL BE PROVIDED FOR ALL PIPE.
 - ALL WATER SERVICE PIPE LESS THAN 4" SHALL BE COPPER PIPE, TYPE K OR PVC SDR 9 WITH A PRESSURE RATING OF 200 PSI.

INDEMNIFICATION:

- THE CONTRACTOR SHALL INDEMNIFY AND HOLD HARMLESS THE OWNER, THE CITY OF LA GRANGE HIGHLANDS, LOCAL TOWNSHIP AND COOK COUNTY, AND CAGE ENGINEERING, INC. FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING ATTORNEY'S FEES ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE CONTRACTOR'S WORK. IN ANY AND ALL CLAIMS AGAINST THE OWNER OR CAGE ENGINEERING, INC. BY ANY EMPLOYEE OF THE CONTRACTOR, OR ANYONE DIRECTLY OR INDIRECTLY EMPLOYED BY THE CONTRACTOR, OR ANYONE FOR WHOSE ACTS THE CONTRACTOR MAY BE LIABLE, THE INDEMNIFICATION OBLIGATION SHALL NOT BE LIMITED IN ANY WAY BY ANY LIMITATION ON THE AMOUNT OF DAMAGES, COMPENSATION OR BENEFITS PAYABLE BY OR FOR THE CONTRACTOR UNDER WORKER'S COMPENSATIONS ACTS, DISABILITY BENEFIT ACTS OR OTHER EMPLOYEE BENEFIT ACTS.
- CERTIFICATE OF INSURANCE
 - THE CONTRACTOR SHALL NOT COMMENCE WORK UNTIL HE HAS FILED WITH THE MUNICIPALITY AND ITS INSPECTOR A CERTIFICATE OF INSURANCE SHOWING COMPLETE COVERAGE OF ALL INSURANCE REQUIRED, SIGNED BY THE INSURANCE COMPANIES OR THEIR AUTHORIZED AGENTS. EACH CERTIFICATE SHALL PROVIDE THAT COVERAGE SHALL NOT BE TERMINATED OR REDUCED WITHOUT 30 DAYS ADVANCE WRITTEN NOTICE TO THE MUNICIPALITY AND ITS INSPECTOR. THE CONTRACTOR SHALL NAME THE OWNER, THE CITY OF LAGRANGE HIGHLANDS, LOCAL TOWNSHIP AND COOK COUNTY, AND CAGE ENGINEERING, INC. AS ADDITIONAL INSURED ON THE COMPREHENSIVE GENERAL LIABILITY AND AUTOMOBILE LIABILITY POLICIES.

CONSTRUCTION MEANS, METHODS, SAFETY

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL LAWS, INCLUDING OSHA STANDARDS AND WITH ANY OTHER APPLICABLE LAWS, ORDINANCES, RULES, REGULATIONS AND ORDERS OF ANY PUBLIC BODY HAVING JURISDICTION FOR THE SAFETY OF PERSONS OR PROPERTY OR TO PROTECT THEM FROM DAMAGE, INJURY OR LOSS. THE CONTRACTOR SHALL PROVIDE ALL SAFEGUARDS, SAFETY DEVICES AND PROTECTIVE EQUIPMENT AND SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS UTILIZED BY THE CONTRACTOR AND HIS SUB-CONTRACTORS IN THE PERFORMANCE OF THE CONSTRUCTION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LIFE AN HEALTH OF EMPLOYEES ON THE JOB AND THE SAFETY OF THE PUBLIC AND TO PROTECT PROPERTY IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONSTRUCTION MEANS, METHODS, TECHNIQUES OR PROCEDURES, EQUIPMENT, AND FOR SAFETY PRECAUTIONS OR PROGRAMS, UNLESS SUCH MEANS AND EQUIPMENT ARE SPECIFIED IN THESE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL COMPLY WITH SECTION 108.06 LABOR, METHODS, AND EQUIPMENT OF THE "STANDARD SPECIFICATIONS."



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2024 PAVING IMPROVEMENTS

at
LaGrange Highlands School District 106
1750 Plainfield Road, LaGrange, IL 60525

for
BOARD OF EDUCATION
LaGrange Highlands School District 106
1750 Plainfield Road
LaGrange, IL 60525



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COUNTY OF COOK TRANSPORTATION AND HIGHWAYS DEPARTMENT
GENERAL
CONDITIONS AND CCDOOTH CONSTRUCTION NOTES FOR PERMIT WORK
GENERAL

1. DEFINITION OF "OWNER": THE "OWNER" IS THE NAME/S LISTED ON THE COOK COUNTY TRANSPORTATION AND HIGHWAYS DEPARTMENT (CCDOOTH) PERMIT AS "OWNERS". THE FORTH IS THE "GRANTEE" LISTED IN THE PUBLIC WAY REGULATORY ORDINANCE (THE "ORDINANCE"), CHAPTER 66.
2. CAPITALIZED TERMS USED IN THIS PERMIT AND NOT OTHERWISE DEFINED HEREIN SHALL HAVE THE MEANINGS ASCRIBED TO THEM IN THE PUBLIC WAY REGULATORY ORDINANCE (THE "ORDINANCE"), CHAPTER 66, ARTICLE III, AND SECTIONS 50 ET SEQ. OF THE COOK COUNTY CODE. REQUIREMENTS SET FORTH IN THESE GENERAL CONDITIONS ARE IN ADDITION TO AND NOT IN LIMITATION OF THE REQUIREMENTS OF THE ORDINANCE.
3. THE CCDOOTH PERMIT IS ONLY APPLICABLE FOR THE WORK SHOWN ON THE FINAL APPROVED SUBMITTED PLANS ON COOK COUNTY RIGHT OF WAY (ROW). THE PERMIT DOES NOT RELEASE THE OWNER FROM FULFILLING THE REQUIREMENTS OF ANY OTHER LAWS OR OTHER REQUIRED PERMITTING RELATING TO THE PERMITTED WORK. IT IS THE RESPONSIBILITY OF THE OWNER TO ACQUIRE ALL OTHER APPLICABLE APPROVALS AND/OR PERMITS REQUIRED FOR THE PROPOSED WORK IN THE SUBMITTED PLANS. COPIES OF THE APPLICABLE APPROVALS AND/OR PERMITS SHALL BE SUBMITTED TO CCDOOTH FOR THE PERMIT FILE.
4. THE OWNER SHALL FULFILL ALL REQUIREMENTS SET FORTH IN THE PERMIT APPLICATION AND ITS INSTRUCTIONS, INCLUDING WITHOUT LIMITATION, PERMIT FEES, INSURANCE AND BONDING ARE A CONDITION OF THIS PERMIT. ISSUANCE OF THIS PERMIT, WITHOUT THE FULFILLMENT OF ALL REQUIREMENTS BY OWNER SHALL NOT ACT AS A WAIVER OF OWNER'S OBLIGATION TO COMPLY WITH SUCH REQUIREMENTS, UNLESS APPROVAL IN WRITING OF SUCH CHANGE IS GIVEN BY THE COOK COUNTY SUPERINTENDENT OF TRANSPORTATION AND HIGHWAYS.
5. THE PERMIT CAN BE REVOKED PURSUANT TO THE TERMS OF THE ORDINANCE OR AT THE DISCRETION OF THE COOK COUNTY SUPERINTENDENT OF TRANSPORTATION AND HIGHWAYS.
6. THE OWNER SHALL PROVIDE TWO DAYS ADVANCE NOTICE PRIOR TO THE START OF WORK TO THE CCDOOTH PERMIT OFFICE. EMAIL THE NOTICE TO HWY.PERMITS@COOKCOUNTYIL.GOV.
7. NO CHANGES, ALTERATIONS, OR REVISIONS TO THE PERMITTED WORK ARE ALLOWED UNLESS APPROVED IN WRITING BY THE COOK COUNTY SUPERINTENDENT OF TRANSPORTATION AND HIGHWAYS OR HIS DESIGNEE.
8. IF OWNER DISCOVERS DURING THE PROGRESS OF THE PERMITTED WORK THAT SUBTERRANEAN CONDITIONS PROHIBIT THE CONSTRUCTION OF SAID IMPROVEMENT IN AND ALONG THE ALIGNMENT AS OUTLINED IN THE PLANS, IT IS EXPRESSLY UNDERSTOOD THAT ALL PERMITTED WORK SHALL CEASE UNTIL A PROPOSED REVISED ALIGNMENT HAS BEEN APPROVED BY THE CCDOOTH AND THE PERMIT HAS BEEN MODIFIED.
9. THE OWNER SHALL FURNISH ALL MATERIAL, TO DO ALL WORK REQUIRED AND PAY ALL COSTS WHICH MAY BE INCURRED IN CONNECTION WITH SUCH WORK AND SHALL PROSECUTE THE SAME DILIGENTLY AND WITHOUT DELAY TO COMPLETION. SEE ORDINANCE FOR ADDITIONAL REQUIREMENTS AS TO WORK IN THE PUBLIC WAY.
10. ALL CONSTRUCTION METHODS AND CONSTRUCTION MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST VERSION OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IDOT SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, IDOT STANDARDS, COOK COUNTY SPECIAL PROVISIONS AND COOK COUNTY STANDARDS.
11. UPON COMPLETION OF THE PERMITTED WORK, OWNER SHALL IN A TIMELY MANNER, (BUT IN NO EVENT MORE THAN 30 DAYS UNLESS ANOTHER TIME FRAME IS DIRECTED BY THE CCDOOTH PERMITS DIVISION) RESTORE THE PUBLIC WAY SUBSTANTIALLY TO THE SAME CONDITION IN WHICH IT WAS BEFORE THE PERMITTED WORK STARTED. THE WORK INCLUDES BUT IS NOT LIMITED TO REMOVING ALL DEBRIS, RUBBISH, MATERIALS, APPARATUS, TOOLS, AND EQUIPMENT, AS WELL AS ALL EXCESS EXCAVATED MATERIALS, FROM THE PUBLIC WAY. 10/2020 PAGE 2 OF 8
12. SHOULD FUTURE CONSTRUCTION AND OPERATION OF THE HIGHWAYS BY CCDOOTH REQUIRE ALTERATION OR RELOCATION OF THE OWNER'S FACILITIES, SUCH CHANGE SHALL BE MADE BY THE OWNER, ITS SUCCESSOR OR ASSIGNS UPON THE WRITTEN REQUEST OF THE SUPERINTENDENT OF CCDOOTH WITHOUT EXPENSE TO SAID COUNTY OR STATE. REQUIREMENTS FOR ANY SUCH REQUESTED ALTERATION OR RELOCATION ARE FURTHER DETAILED IN THE ORDINANCE.
13. THE OWNER, ITS SUCCESSOR AND ASSIGNS, ASSUME ALL RISK AND LIABILITY FOR ACCIDENTS AND DAMAGES THAT MAY ACCRUE TO PERSONS AND PROPERTY, DURING THE PROSECUTION OF THE WORK OR ANY TIME THEREAFTER, BY REASON OF THE LOCATION, CONSTRUCTION, INSTALLATION, OPERATION, MAINTENANCE, REPAIR AND WORK REFERRED TO HEREIN, AND THE OWNER, BY ACCEPTANCE OF THE PERMIT, AGREES TO INDEMNIFY AND SAVE HARMLESS COOK COUNTY FROM ANY SUCH CLAIMS FOR DAMAGES AND FROM ALL COSTS AND EXPENSES INCURRED ON ACCOUNT THEREOF AND IN CONNECTION THEREWITH.
14. IN ACCORDANCE WITH THE ORDINANCE, AND AGREEMENT BY THE OWNER, THE OWNER ACKNOWLEDGES AND AGREES THAT THE PERMIT IS NULL AND VOID IF THE OWNER IS DELINQUENT IN THE PAYMENT OF ANY TAX OR FEE ADMINISTERED BY THE COOK COUNTY.
15. THE OWNER SHALL FURNISH THE CCDOOTH PERMITS DIVISION ONE AS-BUILT PDF IN 22"x34" FORMAT. THE ISSUED PERMIT PLANS AND ANY ISSUED ADDENDUM PLANS WILL BECOME THE AS-BUILT PLANS IF THE OWNER ON THIS PERMIT DOES NOT SUBMIT AS-BUILT PLANS BY THE EXPIRATION DATE OF THE PERMIT OR BY THE LAST PERMIT EXTENSION DATE.
16. NOTIFY CCDOOTH PERMITS OFFICE IN WRITING FOR FINAL INSPECTION. THE LETTER CAN BE EMAILED TO HWY.PERMITS@COOKCOUNTYIL.GOV

CCDOOTH CONSTRUCTION NOTES

1. PCC PAVEMENT MIX DESIGNS SHALL BE PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 1020.04
2. IN THE REMOVAL OF CURB AND GUTTER, THE USE OF ANY TYPE OF CONCRETE BREAKER THAT WILL DAMAGE THE UNDERGROUND STRUCTURES WILL NOT BE PERMITTED.
3. SAW CUT THE FULL DEPTH OF CURB AND GUTTER AT THE LIMITS OF REMOVAL.
4. CONSTRUCT CURB AND GUTTER IN ACCORDANCE WITH IDOT STANDARD 606001. PROVIDE A TIED LONGITUDINAL CONSTRUCTION JOINT IN ACCORDANCE WITH IDOT STANDARD 420001, USING 30" LONG #6 (3/4" DIA.) DEFORMED EPOXY COATED TIE BARS AT 36-INCH CENTERS

DRAINAGE

5. THE DRAINAGE SYSTEMS SHALL ALWAYS BE KEPT CLEAN AND FREE OF DEBRIS.
6. THE OWNER SHALL BE RESPONSIBLE FOR PROVIDING POSITIVE DRAINAGE.
7. CCDOOTH RESERVES THE RIGHT TO MAKE CONNECTIONS TO THE PROPOSED STORM SEWER FOR THE PURPOSE OF DRAINING THE HIGHWAY.
8. AS A CONDITION OF GRANTING THIS PERMIT, WHICH INCLUDES THE POINT DISCHARGE OF STORM WATER ONTO THE COOK COUNTY TRANSPORTATION AND HIGHWAYS RIGHT OF WAY, THE OWNER HEREBY GRANTS PERMISSION TO THE COOK COUNTY TRANSPORTATION AND HIGHWAYS DEPARTMENT TO ENTER ONTO PRIVATE PROPERTY TO INSPECT THE DETENTION CONTROL STRUCTURE.

EROSION CONTROL AND LANDSCAPING

9. THE PARKWAY SHALL ALWAYS BE KEPT CLEAN AND FREE OF DEBRIS.
10. ANY DISTURBED AREAS WITHIN COOK COUNTY ROW REQUIRE EROSION CONTROL BLANKET PRIOR TO FINAL LANDSCAPING PER CURRENT ILLINOIS ENVIRONMENTAL PROTECTION AGENCY (IEPA) STANDARDS. 10/2020 PAGE 3 OF 8
11. COOK COUNTY RIGHT-OF-WAY TO BE RESTORED WITH 4" TOPSOIL.

FERTILIZER AND SOD. THIS NOTE SUPERSEDES ANY NOTE IN THE PLANS.

EXCAVATION AND BACKFILL

2. THE OWNER SHALL MANAGE THE EXCAVATION, TRANSPORT, AND DISPOSAL OF ALL EXCAVATED MATERIALS (I.E. SOIL, DEBRIS, ETC.) IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. 1
13. AS A CONDITION OF THIS PERMIT, THE OWNER SHALL REQUEST CCDOOTH TO IDENTIFY SITES IN THE RIGHT-OF-WAY WHERE A HIGHWAY AUTHORITY AGREEMENT GOVERNS ACCESS TO SOIL THAT EXCEEDS THE TIER 1 RESIDENTIAL REMEDIATION OBJECTIVES OF 35 ILL. ADM. CODE 742. THE OWNER SHALL TAKE ALL MEASURES NECESSARY TO PROTECT HUMAN HEALTH (INCLUDING WORKER SAFETY) AND THE ENVIRONMENT DURING AND AFTER ANY ACCESS TO SUCH SOIL.
14. ALL TRENCHES WITHIN COOK COUNTY ROW SHALL BE TRENCH BACKFILLED WITH FA-8 SAND IN ACCORDANCE WITH METHOD 1 IN ACCORDANCE WITH ARTICLE 550.07 OF THE (IDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

MEDIAN (PCO)

15. PCC PAVEMENT MIX DESIGNS SHALL BE PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 1020.04
16. IN THE REMOVAL OF MEDIAN, THE USE OF ANY TYPE OF CONCRETE BREAKER THAT WILL DAMAGE THE UNDERGROUND STRUCTURES WILL NOT BE PERMITTED.
17. SAW CUT THE FULL DEPTH OF MEDIAN AT THE LIMITS OF REMOVAL.
18. CONSTRUCT MEDIAN IN ACCORDANCE WITH IDOT STANDARD 606301. PROVIDE A TIED LONGITUDINAL CONSTRUCTION JOINT IN ACCORDANCE WITH IDOT STANDARD 420001, USING 30" LONG #6 (3/4" DIA.) EPOXY COATED DEFORMED TIE BARS AT 36-INCH CENTERS.

PAVEMENT, ALL

19. SAW CUT THE FULL DEPTH OF PAVEMENT AT THE LIMITS OF REMOVAL.
20. IN THE REMOVAL OF PAVEMENT, THE USE OF ANY TYPE OF CONCRETE BREAKER THAT WILL DAMAGE THE UNDERGROUND STRUCTURES WILL NOT BE PERMITTED.
21. THE PAVEMENT SHALL ALWAYS BE KEPT CLEAN AND FREE OF DEBRIS.
22. WHERE A MEDIAN OPENING IS PROVIDED, THE PAVEMENT SHALL BE CROWNED AT THE CENTERLINE USING A ONE PERCENT CROSS SLOPE.
23. UNLESS SPECIFIED IN THE PERMIT, NO EQUIPMENT OTHER THAN PNEUMATIC-TIRED EQUIPMENT USED DURING THE INSTALLATION SHALL BE PERMITTED TO STOP OR OPERATE ON THE PAVEMENT NOR SHALL ANY EXCAVATED MATERIALS BE STORED TEMPORARILY OR OTHERWISE ON THE CCDOOTH PAVEMENT.
24. ALL PAVEMENT PATCH OPENINGS THAT ARE OPEN TO TRAFFIC SHALL BE IMMEDIATELY SURFACED WITH A TEMPORARY BITUMINOUS PATCH AT LEAST THREE INCHES IN THICKNESS. THIS PATCH THEN MUST BE INSPECTED DAILY AND ADDITIONAL BITUMINOUS PATCH MATERIAL MUST BE PLACED, DAILY IF NECESSARY, TO MAINTAIN THE PATCHED AREA AT THE SAME ELEVATION AS THE ADJACENT UNDISTURBED PAVEMENT FOR A PERIOD OF NOT LESS THAN 30 DAYS. AFTER 30 DAYS, PERMANENT REPLACEMENT IN KIND SHALL BE MADE TO THE BASE COURSE AND PAVEMENT SURFACE.

PAVEMENT, ENTRANCE (DRIVEWAYS, SIDE STREETS)

25. PCC PAVEMENT MIX DESIGNS SHALL BE PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 1020.04 10/2020 PAGE 4 OF 8
26. HMA SURFACE AND BINDER COURSE MIX DESIGNS SHALL BE PER IDOT D1 HOT MIX SELECTION TABLE. LINK:HTTP://WWW.IDOT.ILLINOIS.GOV/DOING-BUSINESS/PROCUREMENTS/ENGINEERING-ARCHITECTURALPROFESSIONAL-/SERVICES/CONSULTANTS-RESOURCES/HIGHWAY-STANDARDS-AND-DISTRICT-SPECIFIC-STANDARDS PATH:/DISTRICT SPECIFIC STANDARDS/DISTRICT 1/D1PAVEMENTDESIGN/HMA SELECTION TABLE(MOST RECENT DATE)
27. FOR ENTRANCE INSTALLATIONS, THE OWNER SHALL REMOVE EARTH TO ITS FULL DEPTH, STARTING AT THE EDGE OF THE PAVEMENT, FOR THE FULL DIMENSIONS OF THE PROPOSED ENTRANCE, AND REPLACE WITH MATERIALS TO BE USED IN THE CONSTRUCTION OF THE ENTRANCE.
28. THE ENTRANCE RADIUS MEETING THE EDGE OF SHOULDER OR THE BACK OF CURB MUST TERMINATE 3' FROM OR IF THERE ARE ANY DEFICIENCIES THE CURB RAMP IS COMPLIANT. A COPY OF THE FINAL FORM SHALL BE SUBMITTED TO THE CCDOOTH PERMITS OFFICE AT HWY.PERMITS@COOKCOUNTYIL.GOV FOR THE PERMIT FILE. CCDOOTH PERMITS OFFICE WILL FORWARD THE COMPLETED FORMS TO THE COOK COUNTY ADA COORDINATOR FOR THE COOK COUNTY ADA FILE.
29. THE CCDOOTH RESERVES THE RIGHT TO RESTRICT ACCESS TO PERMITTED ENTRANCES ON FUTURE ROADWAY IMPROVEMENTS.
30. THE OWNER ACKNOWLEDGES THAT IF OR WHEN THE COUNTY OF COOK IMPROVES THE HIGHWAY THE PAVEMENT COMPOSITION AT THE ABOVE-MENTIONED ENTRANCE(S) MAY BE SUBSTITUTED.

PAVEMENT, HOT MIX ASPHALT (HMA) PAVEMENT, PATCHING, AND RESURFACING

31. HMA SURFACE AND BINDER COURSE MIX DESIGNS SHALL BE PER IDOT D1 HOT MIX SELECTION TABLE. LINK:HTTP://WWW.IDOT.ILLINOIS.GOV/DOING-BUSINESS/PROCUREMENTS/ENGINEERING-ARCHITECTURALPROFESSIONAL-/SERVICES/CONSULTANTS-RESOURCES/HIGHWAY-STANDARDS-AND-DISTRICT-SPECIFIC-STANDARDS PATH:/DISTRICT SPECIFIC STANDARDS/DISTRICT 1/D1PAVEMENTDESIGN/HMA SELECTION TABLE(MOST RECENT DATE)

PAVEMENT

32. HMA FULL DEPTH PAVEMENT THICKNESS SHALL BE 12-INCH ON A 12-INCH THICK AGGREGATE SUBGRADE IMPROVEMENT. THE HMA PAVEMENT SHALL BE BUILT PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 407. THE AGGREGATE SUBGRADE IMPROVEMENT SHALL BE BUILT PER THE IDOT BUREAU OF DESIGN AND ENVIRONMENT (BDE) SPECIAL PROVISION AGGREGATE SUBGRADE IMPROVEMENT. LINK:HTTPS://IDOT.ILLINOIS.GOV/DOING-BUSINESS/PROCUREMENTS/ENGINEERING-ARCHITECTURALPROFESSIONAL-/SERVICES/CONSULTANTS-RESOURCES/DESIGN-AND-ENVIRONMENT-BDE-SPECIAL-PROVISIONS PATH:/AGGREGATE SUBGRADE IMPROVEMENT.

PATCHING

33. HMA PATCHING SHALL MATCH THE EXISTING PAVEMENT THICKNESS. THE LENGTH SHALL BE THE GREATER OF 6 FEET (MEASURED PARALLEL TO THE CENTERLINE) OR 12 INCHES WIDER THAN THE PAVEMENT OPENING. THE PATCH WIDTH SHALL BE THE FULL LANE WIDTH OF EACH LANE AFFECTED. THE PAVEMENT OPENING SHALL BE SAW-CUT TO THE FULL DEPTH OF THE PAVEMENT AT THE LIMITS OF REMOVAL. THE HMA PAVEMENT PATCH SHALL BE IN ACCORDANCE WITH SECTION 442. PAVEMENT PATCHING OF THE STANDARD SPECIFICATIONS, CLASS B PATCHES SHALL BE USED FOR HMA PAVEMENTS AND HMA BASES.
34. FOR ROADWAYS WITH HMA SURFACE REGARDLESS OF HMA OR PCC BASE, HMA SURFACE SHALL BE PLACED A MINIMUM OF 6 INCHES LONGER ON EACH SIDE OF THE PAVEMENT PATCH.

RESURFACING

35. HMA MILL AND RESURFACE PAVEMENT THICKNESS SHALL BE PER THE APPROVED PERMIT PLANS. HMA RESURFACING SHALL BE BUILT PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 406.

PAVEMENT, PORTLAND CEMENT CONCRETE (PCC) PAVEMENT, PATCHING

36. PCC PAVEMENT MIX DESIGNS SHALL BE PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 1020.04

PAVEMENT

37. PCC PAVEMENT THICKNESS SHALL BE 10 INCHES ON A 12-INCH THICK AGGREGATE SUBGRADE IMPROVEMENT. THE PCC PAVEMENT SHALL BE BUILT PER THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 420. THE AGGREGATE SUBGRADE IMPROVEMENT SHALL BE BUILT PER THE IDOT BDE SPECIAL PROVISION AGGREGATE SUBGRADE IMPROVEMENT. LINK:HTTPS://IDOT.ILLINOIS.GOV/DOING-BUSINESS/PROCUREMENTS/ENGINEERING-ARCHITECTURAL-/PROFESSIONALSERVICES /CONSULTANTS-RESOURCES/DESIGN-AND-ENVIRONMENT-BDE-SPECIAL-PROVISIONS PATH:/AGGREGATE SUBGRADE IMPROVEMENT.
38. WHERE THE PROPOSED PAVEMENT OR MEDIAN ABUTS THE EXISTING PAVEMENT, MEDIAN OR CURB AND GUTTER LONGITUDINALLY, PROVIDE

A TIED LONGITUDINAL CONSTRUCTION JOINT IN ACCORDANCE WITH IDOT STANDARD 420001, USING 30" LONG #6 (3/4" DIA.) EPOXY COATED DEFORMED TIE BARS AT 36 INCH CENTERS. KEYED JOINTS AS SHOWN ON STANDARD 420001 SHALL NOT BE ALLOWED.

39. PROVIDE TRANSVERSE SAWED CONTRACTION JOINTS EVERY 15 FEET IN ACCORDANCE WITH IDOT STANDARD 420001, USING 18" LONG #12 (1-1/2" DIA.) SMOOTH EPOXY COATED DOWEL BARS AT 12-INCH CENTERS AND ALIGN PROPOSED JOINTS WITH EXISTING JOINTS. IF A PROPOSED JOINT IS LOCATED LESS THAN 6 FEET FROM AN EXISTING JOINT, THEN THE EXISTING PAVEMENT OR MEDIAN SHALL BE REMOVED AND REPLACED UP TO THE EXISTING JOINT.

PATCHING

40. PCC PATCHING SHALL MATCH THE EXISTING PAVEMENT THICKNESS. THE LENGTH SHALL BE THE GREATER OF 6 FEET (MEASURED PARALLEL TO THE CENTERLINE) OR 12 INCHES WIDER THAN THE PAVEMENT OPENING. THE PATCH WIDTH SHALL BE THE FULL LANE WIDTH OF EACH LANE AFFECTED. THE PAVEMENT OPENING SHALL BE SAW-CUT TO THE FULL DEPTH OF THE PAVEMENT AT THE LIMITS OF REMOVAL. THE PCC PAVEMENT PATCH SHALL BE IN ACCORDANCE WITH SECTION 442. PAVEMENT PATCHING OF THE STANDARD SPECIFICATIONS, CLASS B PATCHES SHALL BE USED FOR CONCRETE PAVEMENT AND CONCRETE BASES.
41. PAVEMENT PATCHES GREATER THAN OR EQUAL TO 15SSY SHALL USE PAVEMENT FABRIC IN ACCORDANCE WITH IDOT STANDARD 420701 AND PROVIDE 3 1/2 INCHES OF CLEARANCE BETWEEN THE PAVEMENT SURFACE AND THE TOP OF THE FABRIC.
42. PAVEMENT PATCHES LONGER THAN 11 FT 3 INCHES SHALL BE TIED LONGITUDINALLY TO THE ABUTTING EXISTING PAVEMENT, MEDIAN OR CURB AND GUTTER PROVIDE USING 30" LONG #6 (3/4" DIA.) EPOXY COATED DEFORMED TIE BARS AT 36-INCH CENTERS.
43. WHERE THE PROPOSED PAVEMENT OR MEDIAN ABUTS THE EXISTING PCC PAVEMENT OR MEDIAN, THERE SHALL BE A TRANSVERSE JOINT IN ACCORDANCE WITH IDOT STANDARD 442101, USING 18" LONG #12 (1-1/2" DIA.) SMOOTH EPOXY COATED DOWEL BARS AT 12 INCH CENTERS.

PAVEMENT MARKING

44. MODIFIED URETHANE PAVEMENT MARKING SHALL BE USED FOR THE PROPOSED PAVEMENT MARKING PER IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 780 AND 1096.
45. WATER BLASTER AND VACUUM RECOVERY METHOD SHALL BE USED FOR REMOVAL OF PAVEMENT MARKING PER IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 783 AND 1101.
46. THE MODIFIED URETHANE PAVEMENT MARKING INSTALLATION SHALL BE DONE NO LATER THAN DECEMBER 15 PER IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ART 780.12. THE MINIMUM WINTER PERFORMANCE PERIOD EXTENDS TO MAY 1 THE NEXT YEAR. IF PAVEMENT MARKINGS ARE IN BEFORE DEC 15 AND THE PERMIT WORK IS NOT COMPLETED BY MAY 1 THE NEXT YEAR, THE PERFORMANCE PERIOD WILL LAST UNTIL A REQUEST FOR FINAL INSPECTION IS MADE. THE PERMITS INSPECTOR WILL DO THE FINAL PAVEMENT MARKING INSPECTION DURING THE FINAL INSPECTION FOR THE WHOLE PERMIT. THE PERMIT CANNOT BE CLOSED OUT UNTIL THIS REQUIREMENT IS MET.

SIDEWALK AND BUS SHELTERS

47. IN THE REMOVAL OF SIDEWALK AND BUS SHELTER PADS, THE USE OF ANY TYPE OF CONCRETE BREAKER THAT WILL DAMAGE THE UNDERGROUND STRUCTURES WILL NOT BE PERMITTED. 10/2020 PAGE 6 OF 8
48. ALL PROPOSED BUS SHELTER AND BUS SHELTER PADS MUST MEET THE CURRENT IDOT BUREAU OF DESIGN AND ENVIRONMENT (BDE) MANUAL AND IDOT BUREAU OF LOCAL ROADS (BLR) MANUAL, PUBLIC RIGHTS-OF-WAY ACCESSIBILITY GUIDELINES (PROWAG) AND AMERICANS WITH DISABILITIES ACT (ADA) REQUIREMENTS.
49. ALL PROPOSED SIDEWALK (CROSSWALKS) SHALL BE RAMPED IN COMPLIANCE WITH THE CURRENT IDOT BDE MANUAL, IDOT BLR MANUAL, PROWAG AND ADA REQUIREMENTS.
50. ALL PROPOSED CURB RAMPS SHALL BE INSPECTED AFTER CONSTRUCTION. IDOT FORM D1 PD0031 (LINK: WWW.IDOT.ILLINOIS.GOV/HOME/RESOURCES/FORMS-OLDER/D1-PATH/DISTRICT 1/D1 PD0031) SHALL BE FILLED OUT FOR EACH LOCATION. IF THERE ARE ANY DEFICIENCIES FROM THE PROPERTY LINE, THE CURB RAMP IS COMPLIANT. A COPY OF THE FINAL FORM SHALL BE SUBMITTED TO THE CCDOOTH PERMITS OFFICE AT HWY.PERMITS@COOKCOUNTYIL.GOV FOR THE PERMIT FILE. CCDOOTH PERMITS OFFICE WILL FORWARD THE COMPLETED FORMS TO THE COOK COUNTY ADA COORDINATOR FOR THE COOK COUNTY ADA FILE.
51. ALL THE FOLLOWING CCDOOTH SPECIAL PROVISION SHALL APPLY TO ALL SIDEWALK - 310 DETECTABLE WARNINGS (SPECIAL), CAST IRON. (PROVIDED IN PERMIT REVIEW)
52. THE FOLLOWING CCDOOTH STANDARD SHALL APPLY TO ALL SIDEWALK - C-9 COOK COUNTY PCC SIDEWALK CONSTRUCTION (EXPANSION JOINTS) DETAIL (PROVIDED IN PERMIT REVIEW.)
53. PROPOSED SIDEWALK SHALL BE 8" THICK THROUGH DRIVEWAYS AND AT CURB RAMPS.
54. CONCRETE SIDEWALKS SHALL BE CONTINUOUS THROUGH ALL DRIVEWAYS WITH A MAXIMUM CROSS SLOPE OF 1.5%.

TRAFFIC CONTROL

55. OWNER SHALL PROVIDE AND MAINTAIN AT ITS OWN EXPENSE, SUCH TEMPORARY ROADS, AND APPROACHES, AS MAY BE NECESSARY TO PROVIDE ACCESS TO DRIVEWAYS, HOUSES, BUILDINGS, OR OTHER PROPERTY ABUTTING THE SITE OF THE PERMITTED WORK. ACCESS SHALL NOT BE BLOCKED.
56. NO TEMPORARY LANE CLOSURES OR TEMPORARY TRAFFIC DETOURS RELATING TO PERMITTED WORK WILL BE ALLOWED BETWEEN THE HOURS OF 6 A.M. TO 9 A.M. AND 3 P.M. TO 6:30 P.M., (OTHER THAN AS ALLOWED FOR EMERGENCY MAINTENANCE PER THE ORDINANCE).
57. ALL SIGNS SHALL CONFORM TO THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ILLINOIS SUPPLEMENTAL TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD)
58. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, IDOT HIGHWAY STANDARDS, AND THE IDOT APPROVED PRODUCT LIST.
59. ALL LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE LATEST IDOT HIGHWAY STANDARDS.
60. THE OWNER SHALL CONDUCT ITS OPERATIONS IN A MANNER SO AS TO INSURE THE MINIMUM HINDRANCE TO TRAFFIC, USING THE PAVEMENT AND AT NO TIME SHALL ITS OPERATIONS OBSTRUCT MORE THAN ONE HALF (1/2) OF THE AVAILABLE PAVEMENT WIDTH.
61. WHEN EXISTING TRAFFIC CONTROL SIGNS SUCH AS STOP SIGNS, STOP AHEAD SIGNS, AND CROSSROAD SIGNS ARE REMOVED IN THE PROGRESS OF THE PERMITTED WORK, SAID SIGNS SHALL BE IMMEDIATELY RESET AS CLOSE AS POSSIBLE TO THEIR ORIGINAL LOCATION. AFTER THE COMPLETION OF THE PERMITTED WORK HAS BEEN APPROVED, SAID TRAFFIC CONTROL SIGNS SHALL BE RESTORED TO THEIR ORIGINAL POSITION AND CONDITION. IF MODIFICATIONS ARE NEEDED A REVISED SIGNAGE PLAN CAN BE SUBMITTED TO PERMITS FOR REVIEW AND APPROVAL.

TRAFFIC SIGNALS, LIGHTING, OTHER ELECTRICAL

62. TO ENSURE PROPER INSTALLATION, THE OWNER SHALL HIRE AN INSPECTOR FOR ALL ELECTRICAL WORK. THE INSPECTOR SHALL BE INDEPENDENT FROM THE CONTRACTORS WORKING ON THE PERMIT. THE INSPECTOR'S PURPOSE IS TO ENSURE THE CONTRACTOR IS INSTALLING THE ELECTRICAL ITEMS PER THE PLANS AND SPECIFICATIONS. THE INSPECTOR SHALL BE FAMILIAR WITH THE FIELD INSTALLATION INSPECTION, MATERIAL INSPECTION AND DOCUMENTING REQUIREMENTS OF THE COOK COUNTY, IDOT, AND/OR MUNICIPAL ELECTRICAL WORK ITEMS ON THE PERMIT. THE WORK ITEMS MAY INCLUDE BUT ARE NOT LIMITED TO TRAFFIC SIGNAL ITEMS, TRAFFIC

SIGNAL, INTERCONNECT ITEMS, FLASHING BEACON ITEMS, LIGHTING ITEMS, ETC.

63. CARE IS TO BE TAKEN AS NOT TO DAMAGE ANY OF THE EXISTING TRAFFIC SIGNAL CONDUITS, FIBER CABLES AND EQUIPMENT. IF ANY OF THE TRAFFIC SIGNAL CONDUITS, CABLES AND/OR EQUIPMENT IS DAMAGED, THE CONTRACTOR SHALL REPAIR AND/OR REPLACE THE CONDUITS, CABLES AND/OR EQUIPMENT AT NO COST TO THE COUNTY.
64. COOK COUNTY IS NOT A MEMBER OF JULIE (JOINT UTILITY LOCATING INFORMATION FOR EXCAVATORS), FOR LOCATION INFORMATION ON COOK COUNTY TRAFFIC SIGNAL EQUIPMENT, TRAFFIC SIGNAL INTERCONNECT EQUIPMENT, FLASHING BEACONS EQUIPMENT, LIGHTING EQUIPMENT, ETC., PLEASE CONTACT THE MECHANICAL, ELECTRICAL, ARCHITECTURAL AND LANDSCAPING (MELA) DIVISION AT 312-603-1734.
65. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT AND CCDOOTH FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT AND CCDOOTH ELECTRICAL FACILITIES FROM THE ELECTRICAL MAINTENANCE CONTRACTOR(S) PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

UTILITIES, ALL

66. IT SHALL BE THE RESPONSIBILITY OF THE OWNER TO CO-ORDINATE WITH UTILITY COMPANIES SHARING THE COOK COUNTY ROW AND RELOCATE THE EXISTING POWER POLES, FIRE HYDRANTS, GUARDRAIL AND APPURTENANCES AS NEEDED FOR THE PROPOSED PERMIT WORK. THERE SHALL BE NO COST TO THE COUNTY.
67. AS A REQUIREMENT OF THIS PERMIT ALL UTILITY OWNERS (PRIVATE AND GOVERNMENT) SHALL MAINTAIN A MEMBERSHIP WITH J.U.L.I.E. LOCATING SERVICE UNTIL THE UTILITY IS COMPLETELY REMOVED FROM COOK COUNTY ROW.

UTILITIES, AERIAL

68. ALL AERIAL LINES CROSSINGS OR PARALLEL MUST HAVE A MINIMUM CLEARANCE OF 18'3".
69. POLE OWNER PERMISSION IS REQUIRED FOR ALL CABLE, CONDUIT, AND OTHER APPURTENANCE CONNECTION TO A POLE.
70. PROPOSED AERIAL CABLE SHALL NOT BLOCK THE EXISTING TRAFFIC SIGNAL HEADS.
71. PROPOSED AERIAL CABLE SHALL NOT TOUCH EXISTING TRAFFIC SIGNAL EQUIPMENT.

UTILITIES UNDERGROUND

72. ALL AUGER PITS AND EXCAVATIONS SHALL BE AS FAR AWAY FROM THE EDGE OF PAVEMENT OR BACK OF CURB AS POSSIBLE, AND WOOD OR STEEL SHEETING SHALL BE USED. AUGER PITS SHALL BE PROTECTED WITH CONCRETE BARRIER WALLS IF WITHIN CLEAR ZONES. THE ENDS OF THE CONCRETE BARRIER WALLS SHALL BE PROTECTED WITH CRASH ATTENUATORS. THE BARRIER WALL AND CRASH ATTENUATORS DESIGN SHALL MEET IDOT BDE MANUAL AND IDOT BLR MANUAL DESIGN REQUIREMENTS. OPEN HOLES LEFT OVERNIGHT SHALL FENCED OFF AND COVERED.
73. ALL EXTERNAL CASING VOIDS SHALL BE PRESSURE GROUTED OR FILLED WITH TRENCH BACKFILL USING PUMPING OR JETTING OUTSIDE OF THE CASING. THE INSIDE OF THE CASING SHALL BE SEALED OR FILLED USING THE EXTERNAL VOID PROCEDURES. 10/2020 PAGE 8 OF 8
74. A MINIMUM DEPTH OF 42 INCHES SHALL BE MAINTAINED FROM THE GROUND SURFACE TO THE TOP OF THE CONDUIT, CABLE, OR PIPE AND A MINIMUM DEPTH OF 36 INCHES FROM THE TRUE FLOW LINE OF THE DRAINAGE DITCH TO THE TOP OF THE CONDUIT, CABLE OR PIPE.
75. PROPOSED UNDERGROUND UTILITIES RUNNING PARALLEL TO EXISTING WATER MAIN OR SANITARY SEWER SHALL ADJUST THE ALIGNMENT IF THE UTILITY IS WITHIN 5 FEET OF THE OUTER WALL OF THE WATER MAIN OR SANITARY SEWER. THE PROPOSED UTILITY SHALL MAINTAIN 5 FEET OR GREATER WHILE RUNNING PARALLEL TO THE EXISTING WATER MAIN OR SANITARY SEWER. THE DISTANCE BETWEEN PARALLEL OR CROSSING SANITARY OR STORM SEWER WITH WATER MAIN SHALL MEET IEPA REQUIREMENTS.

WINTER MORATORIUM CONDITION

76. DURING THE WINTER MONTHS, (NOVEMBER 1 THROUGH APRIL 15) THE CCDOOTH IMPOSES A MORATORIUM FOR THE OPEN CUTTING OF PAVEMENT DUE TO SNOW REMOVAL AND THE SCARCITY OF READY MIXES REQUIRED TO PROPERLY RESTORE THE PAVEMENT. THIS INCLUDES OBSERVATION HOLES OVER EXISTING UTILITY FACILITIES WHILE PERFORMING DIRECTIONAL BORE OPERATIONS, AS WELL AS LANE CLOSURES FOR MANHOLE ACCESS.
 - UNLESS IT IS A DIRE EMERGENCY, NO LANE CLOSURES WILL BE SET UP OR WORK PERFORMED WITHIN THE PAVEMENT AREAS ON DAYS THAT SNOW IS PREDICTED, OR IF THE SNOW HAS YET BEEN REMOVED FROM THE PAVEMENT.
 - THERE WILL BE NO OVERNIGHT LANE CLOSURES, UNLESS APPROVED IN ADVANCE BY CCDOOTH.
 - ALL RESTORATION MUST BE COMPLETED BY THE END OF EACH WORKDAY OR BACKFILL IS REQUIRED. THE USE OF STEEL PLATES IS PROHIBITED. THE TEMPORARY PAVEMENT PATCH SIZE SHALL BE BACKFILLED WITH FLOWABLE FILL (PER SECTION 1019 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION).
 - ALL TEMPORARY PAVEMENT RESTORATIONS WILL BE PERMANENTLY RESTORED IN THE FOLLOWING SPRING.

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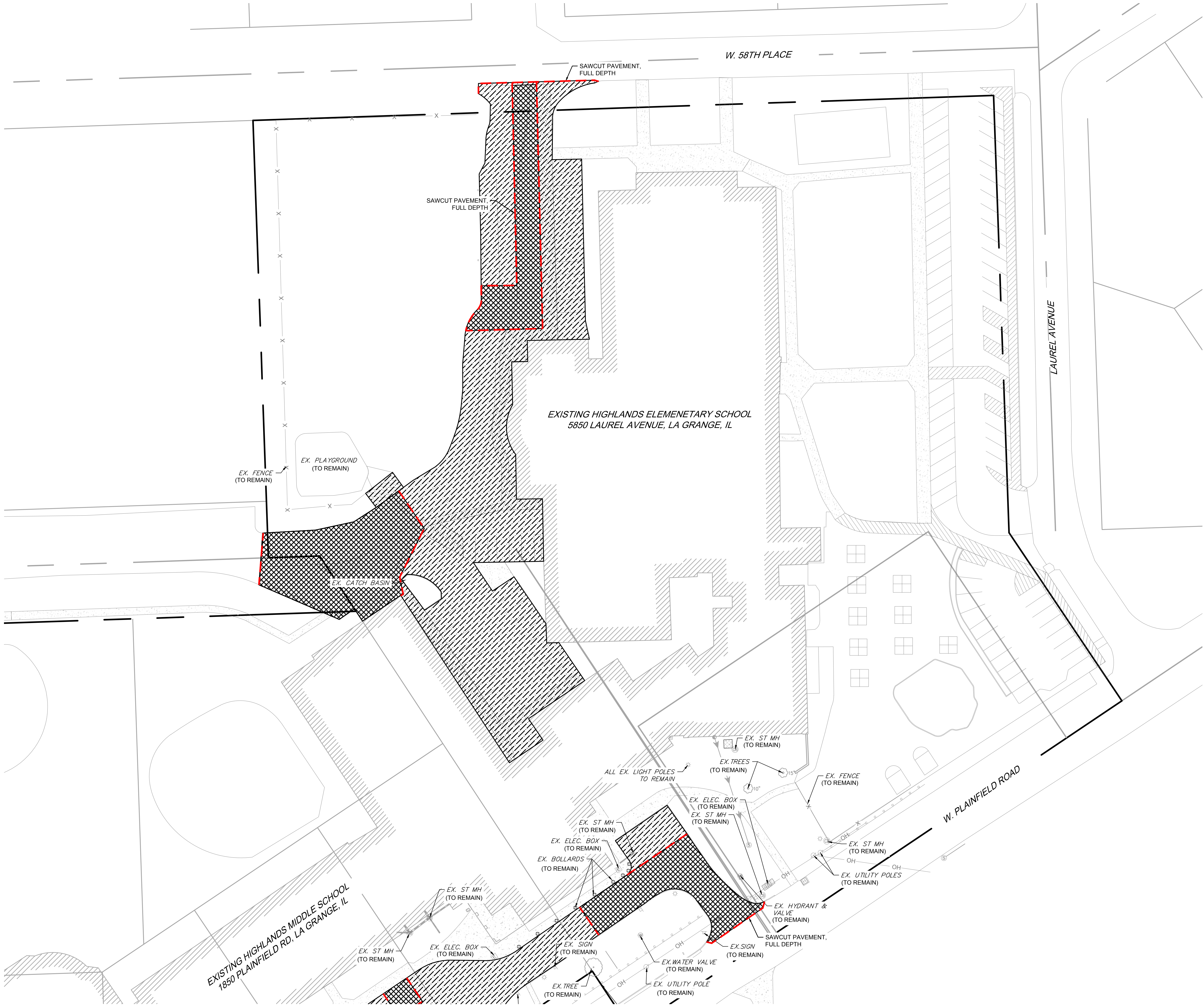
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CONDITIONS &
CONSTRUCTION NOTES

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DEMOLITION LEGEND



ASPHALT PAVEMENT
REMOVAL, FULL DEPTH



2" ASPHALT MILL



SAWCUT PAVEMENT,
FULL DEPTH

NOTES

- ALL CURB AND GUTTER TO REMAIN
- ALL SITE FEATURES NOT CALLED OUT ARE TO REMAIN
- ALL UTILITIES ARE TO REMAIN

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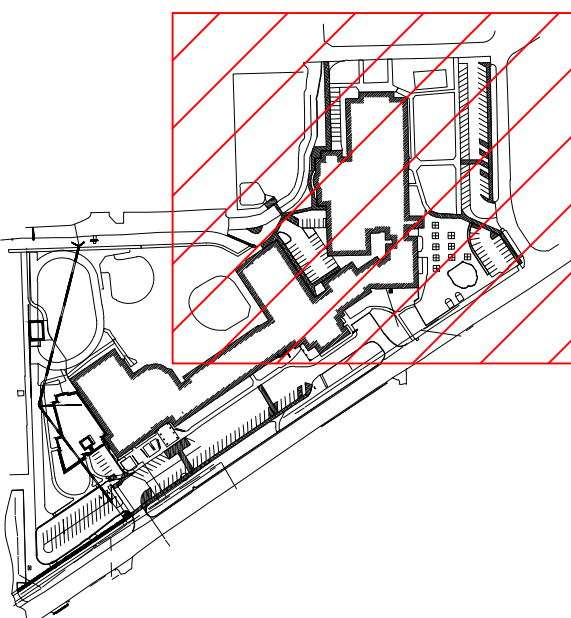


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1" = 30' (HORIZONTAL)



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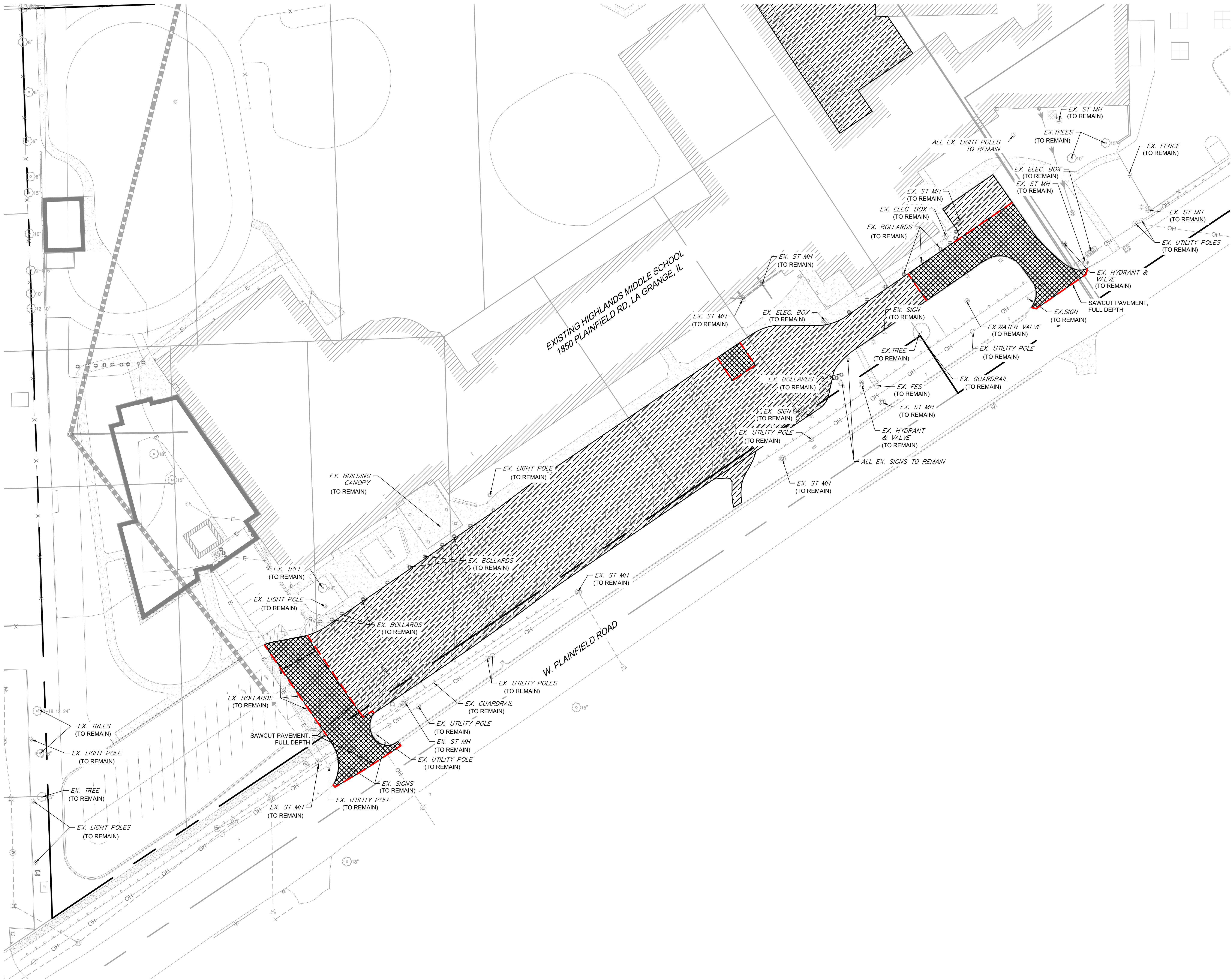
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EXISTING CONDITIONS &
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DEMOLITION LEGEND

- ASPHALT PAVEMENT
REMOVAL, FULL DEPTH
- 2" ASPHALT MILL
- SAWCUT PAVEMENT,
FULL DEPTH

- NOTES
- ALL CURB AND GUTTER TO REMAIN
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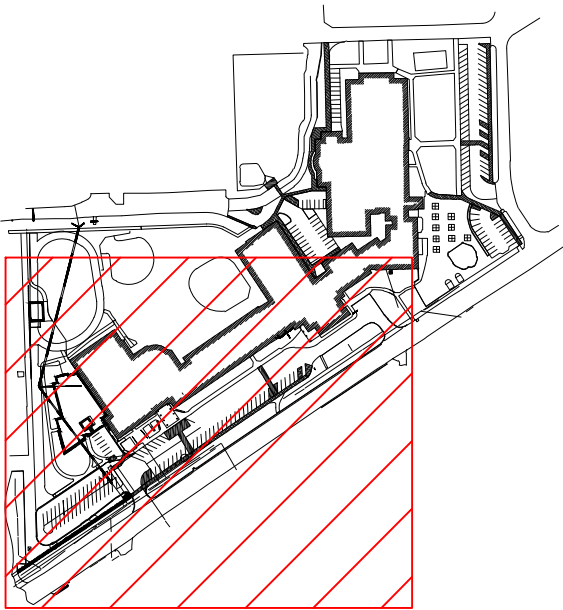


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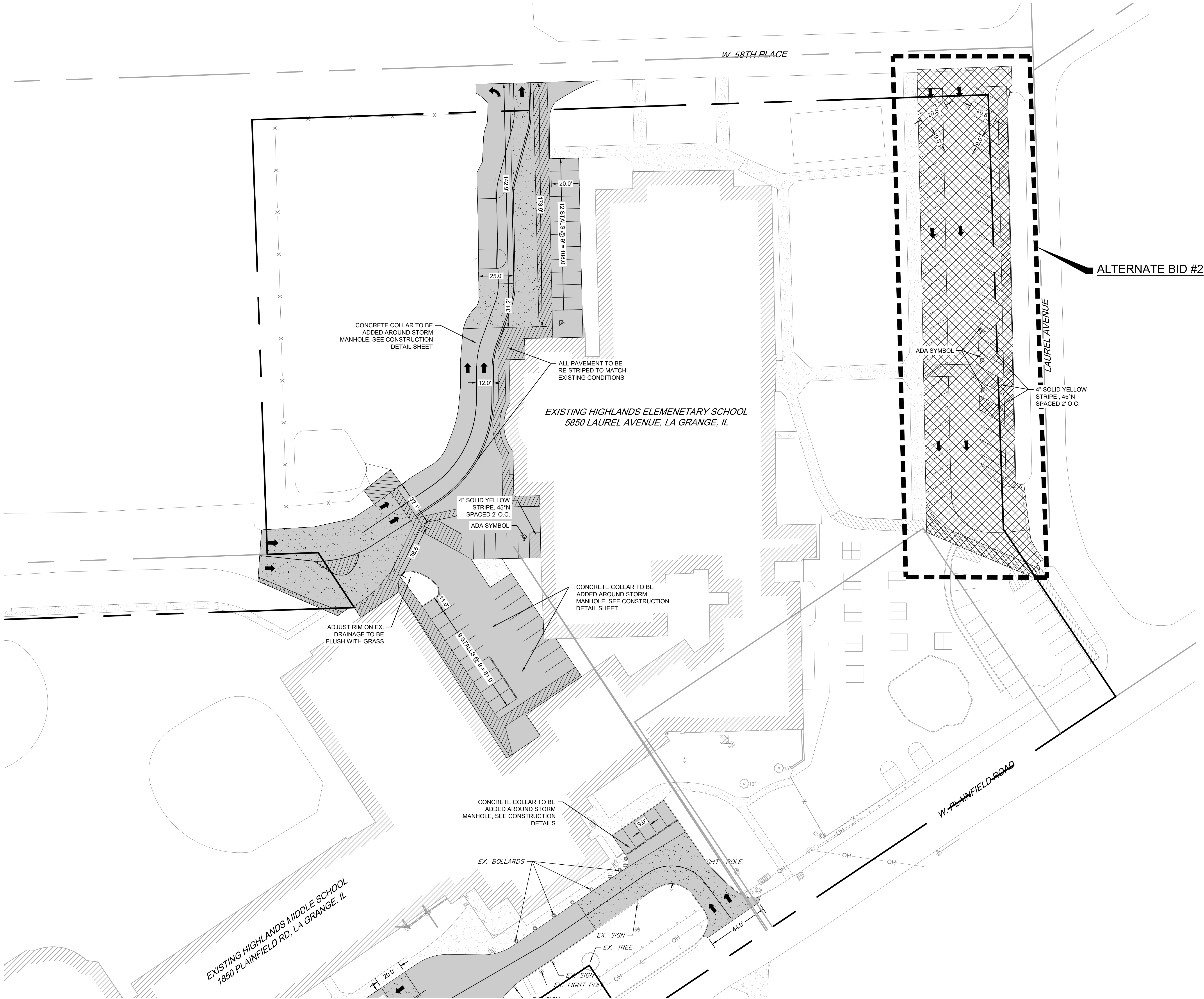
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PAVEMENT LEGEND	
	2" MILL & OVERLAY BITUMINOUS PAVEMENT
	FULL-DEPTH PATCH BITUMINOUS PAVEMENT
	PCC SIDEWALK
	SEALCOAT & RE-STRIPE

- NOTES
- ALL DISTURBED AREAS TO BE RESTORED BACK TO PREVIOUS CONDITION WITH SOD
 - AREAS WITHIN THE ROW REQUIRE COUNTY PERMIT
 - NOTIFY ENGINEER OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND PROPOSED IMPROVEMENTS.

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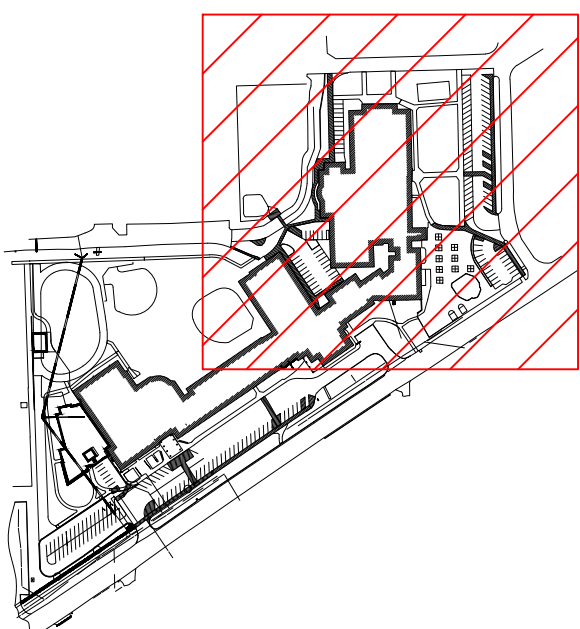
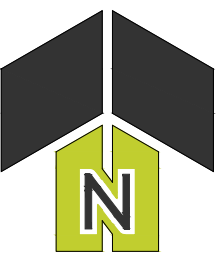
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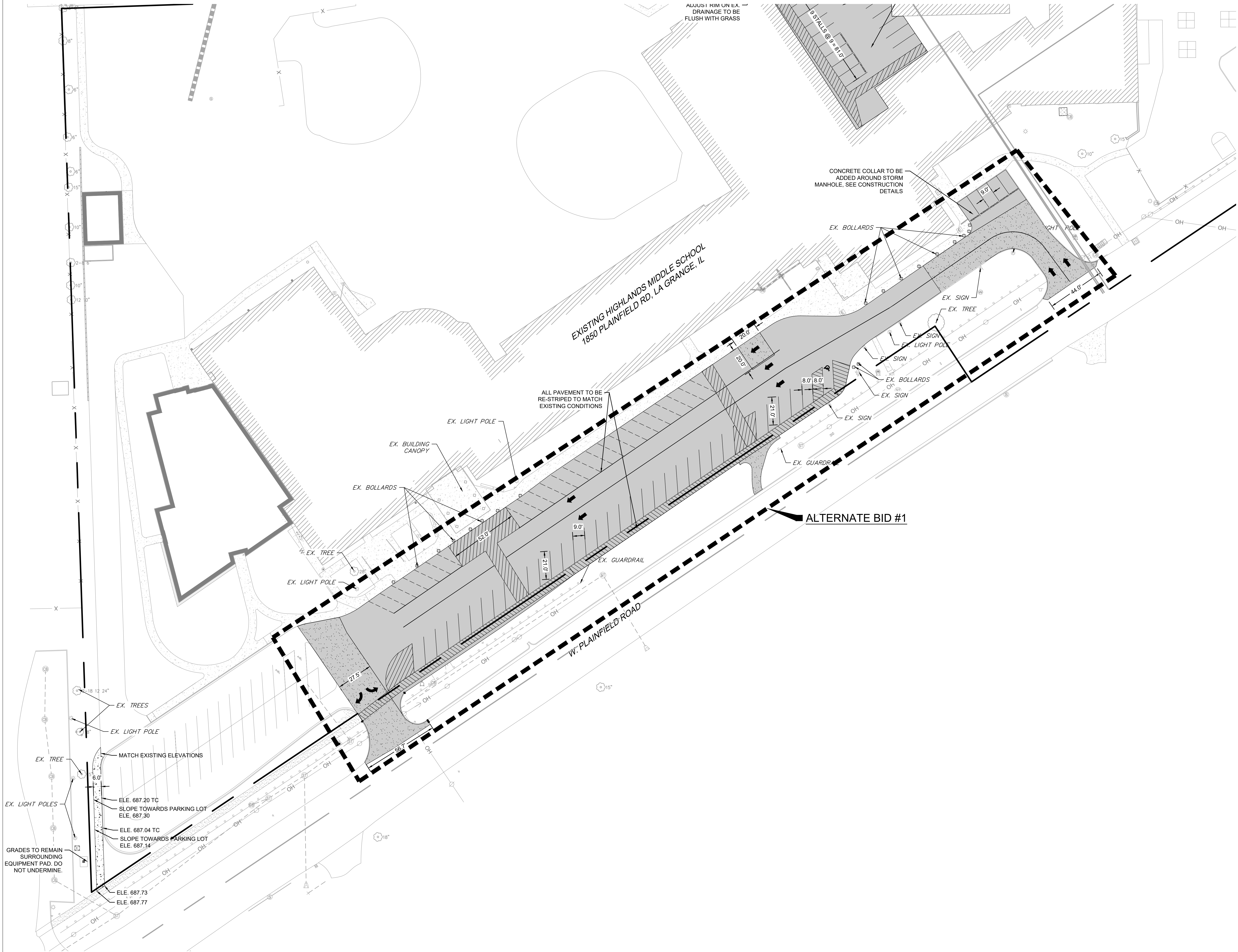
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SITE LAYOUT PLAN - NORTH

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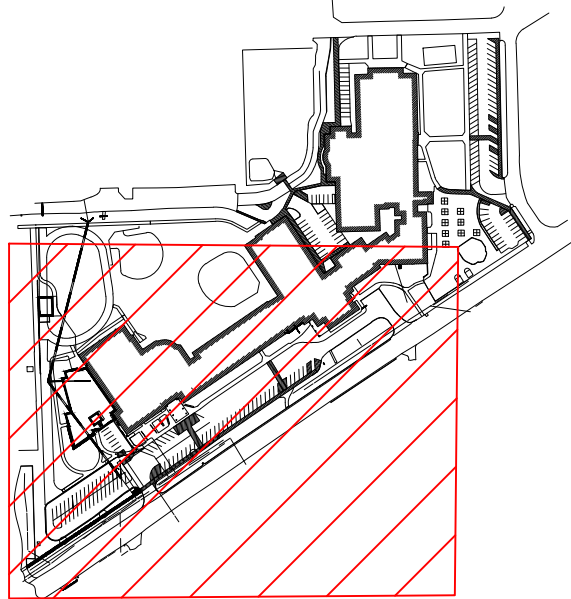
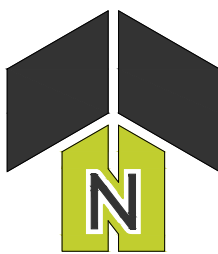


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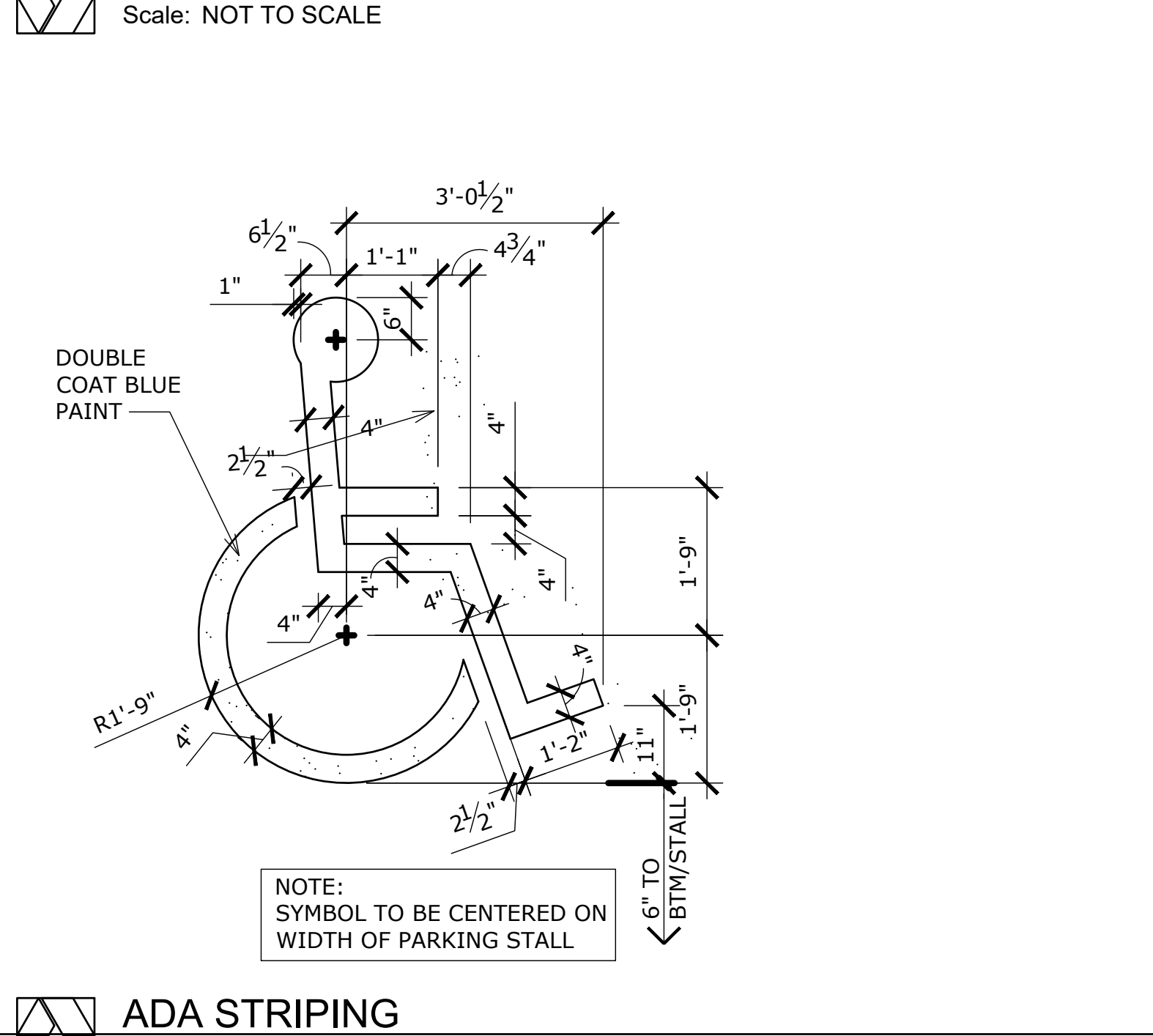
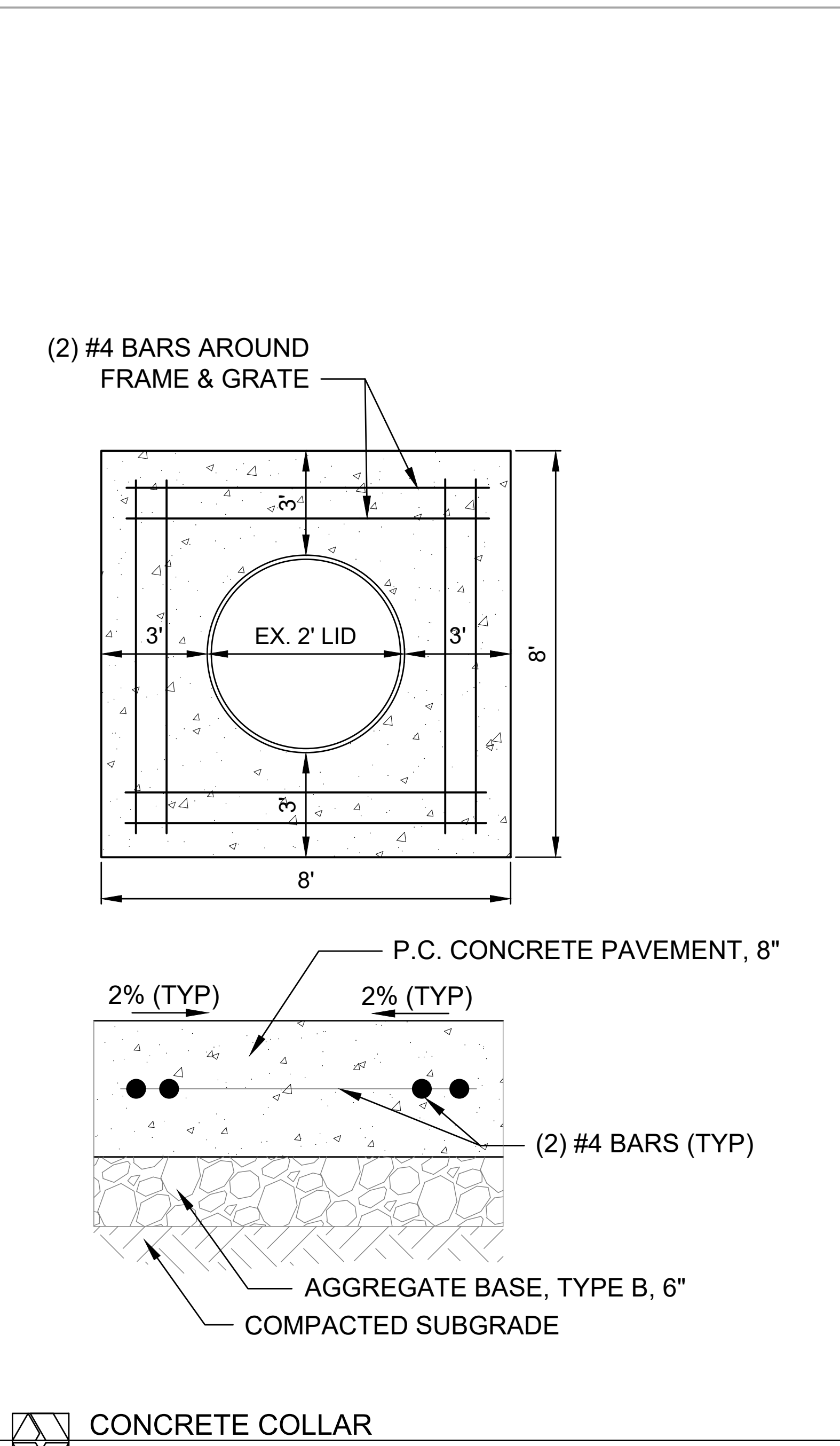
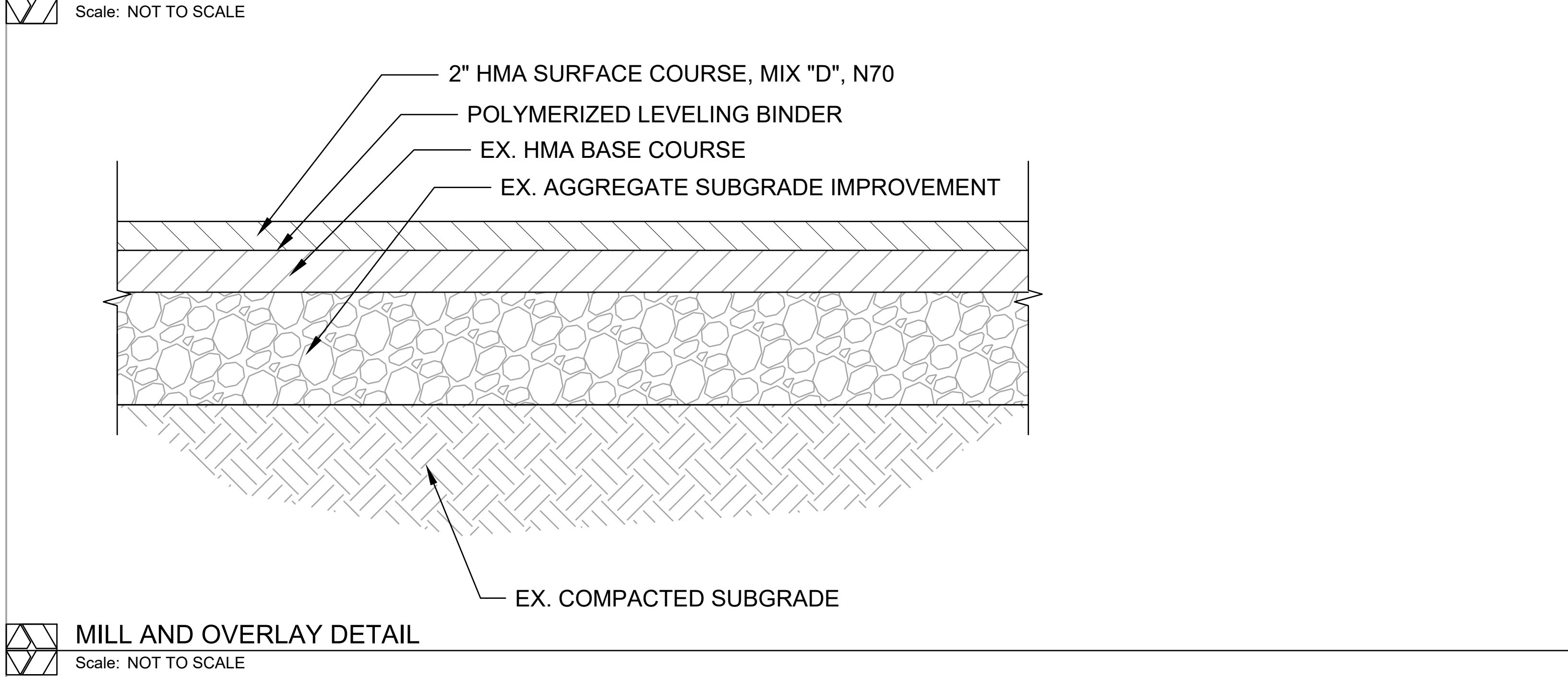
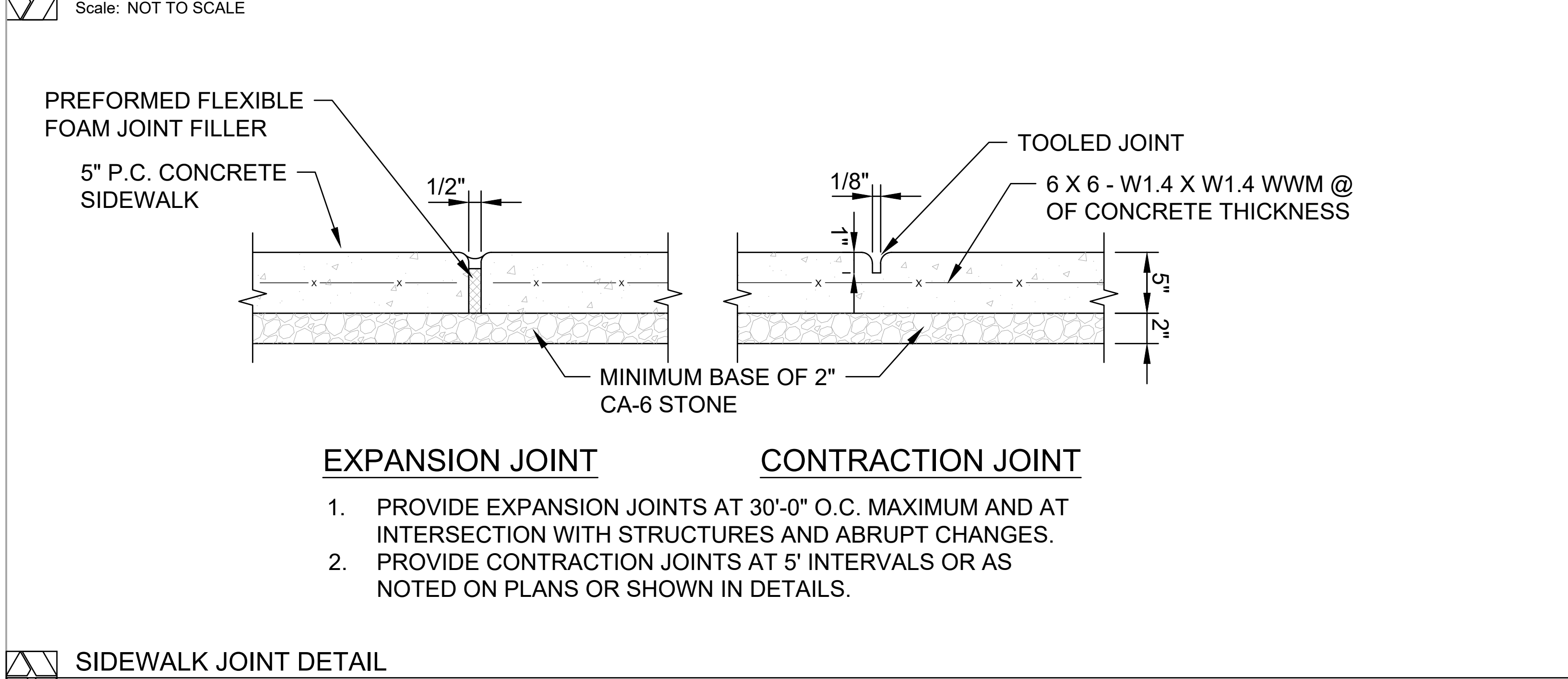
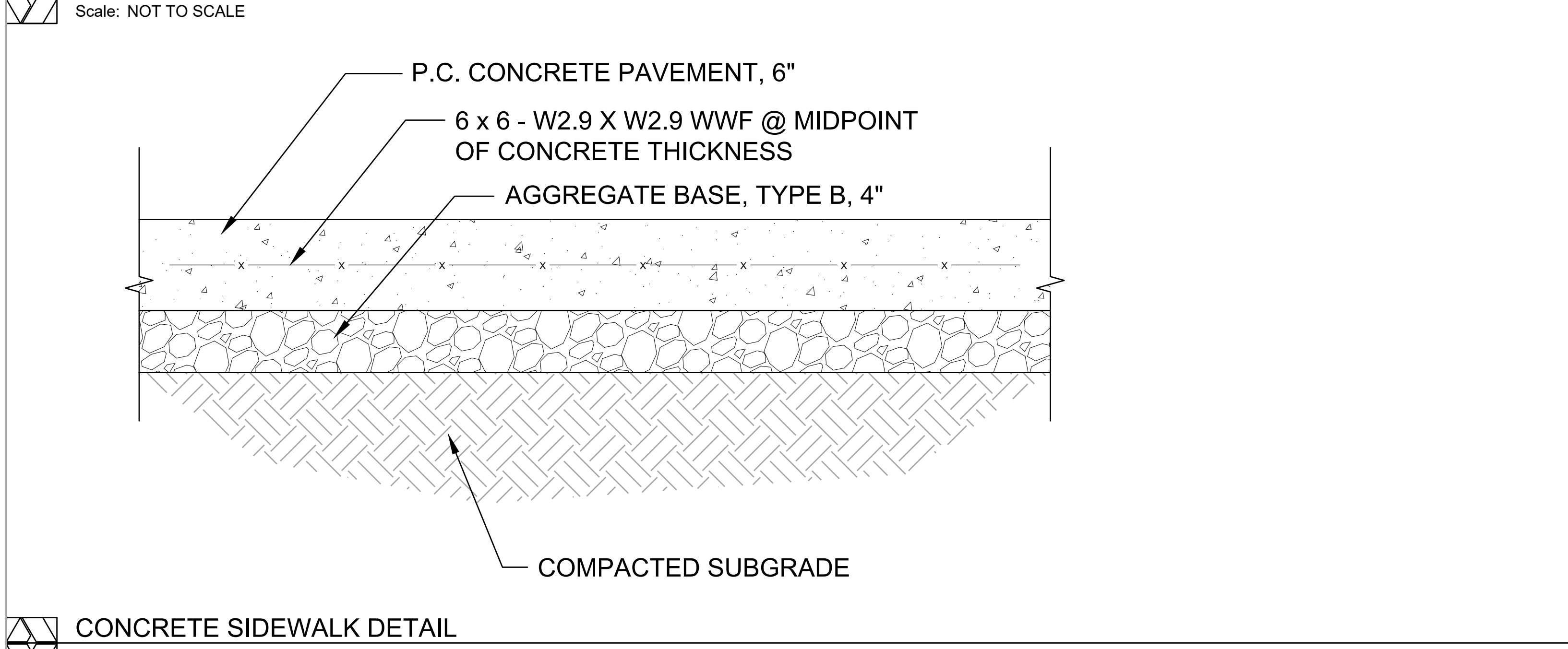
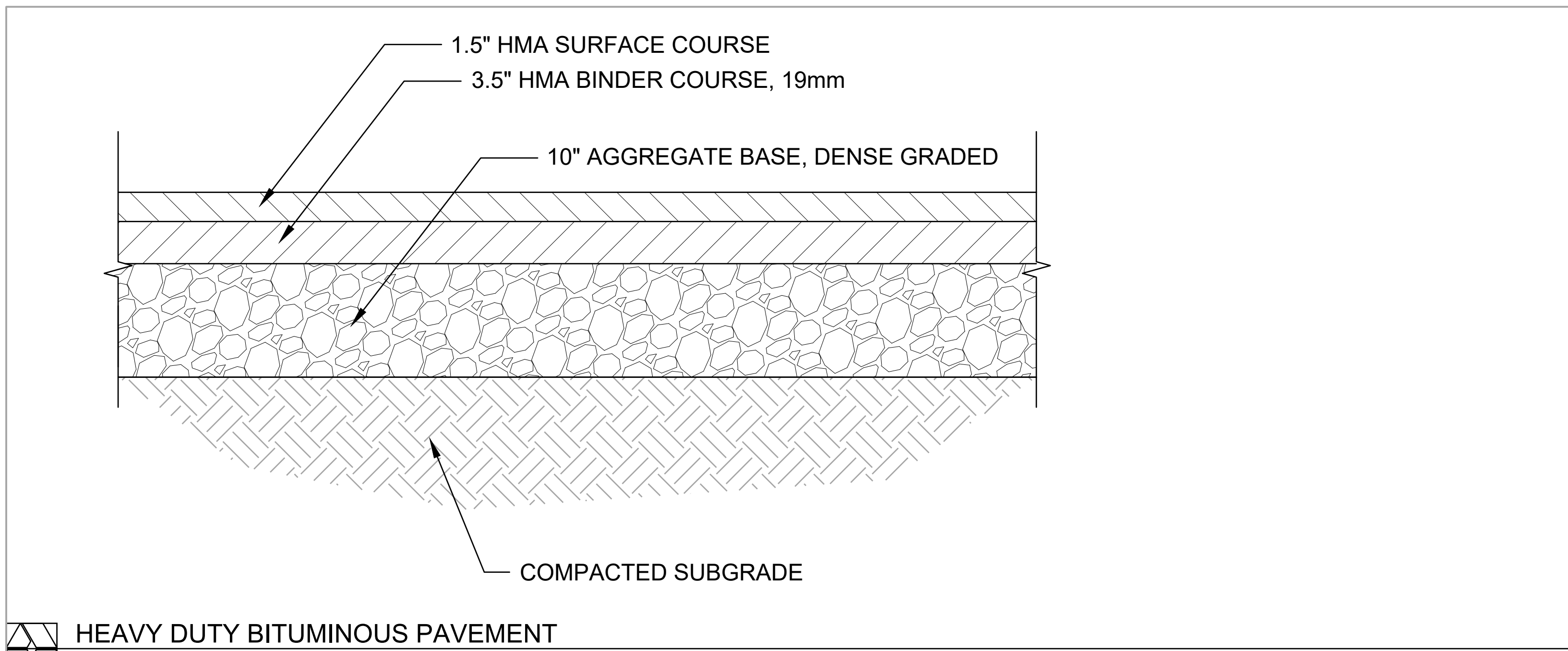
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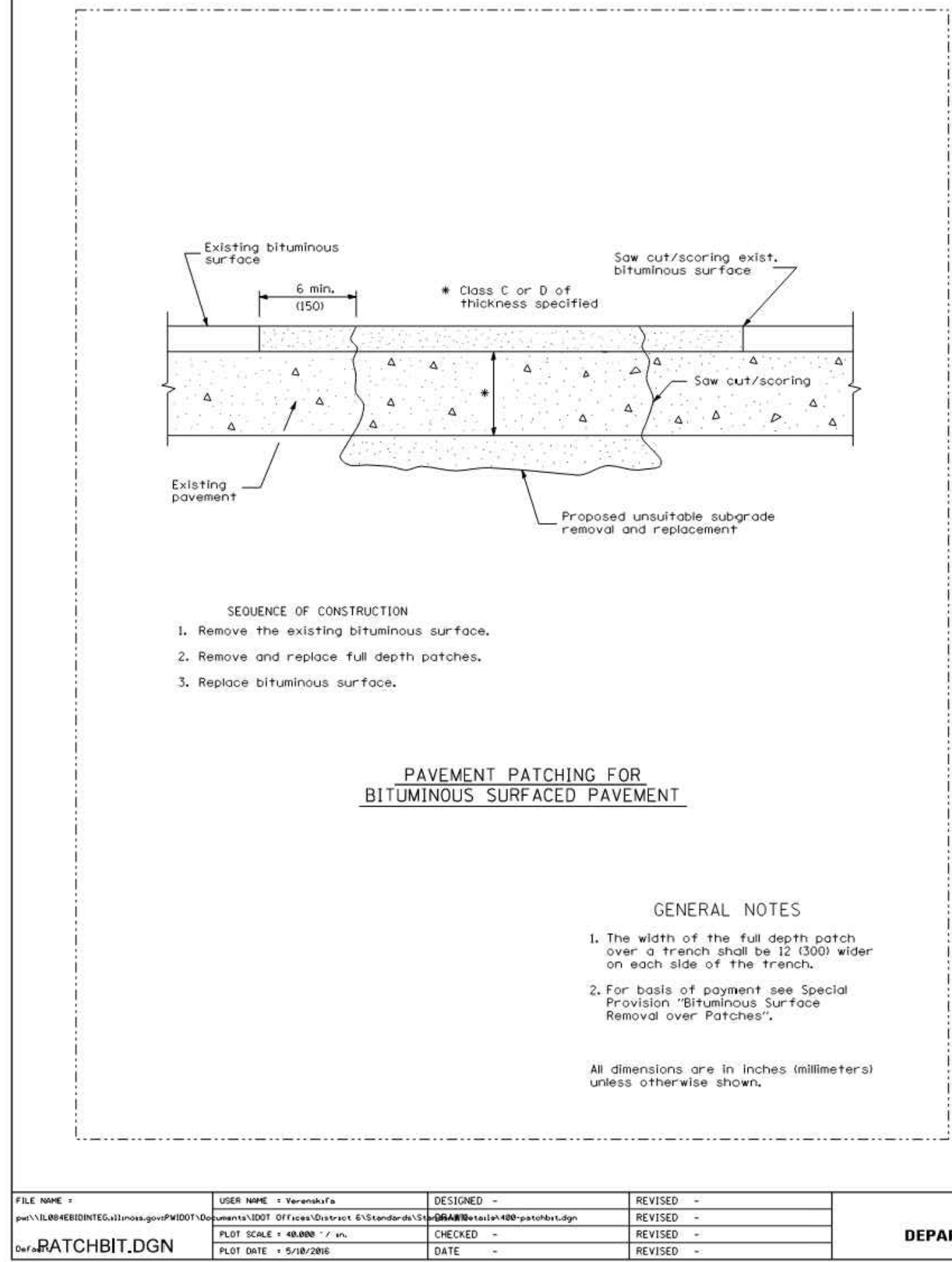
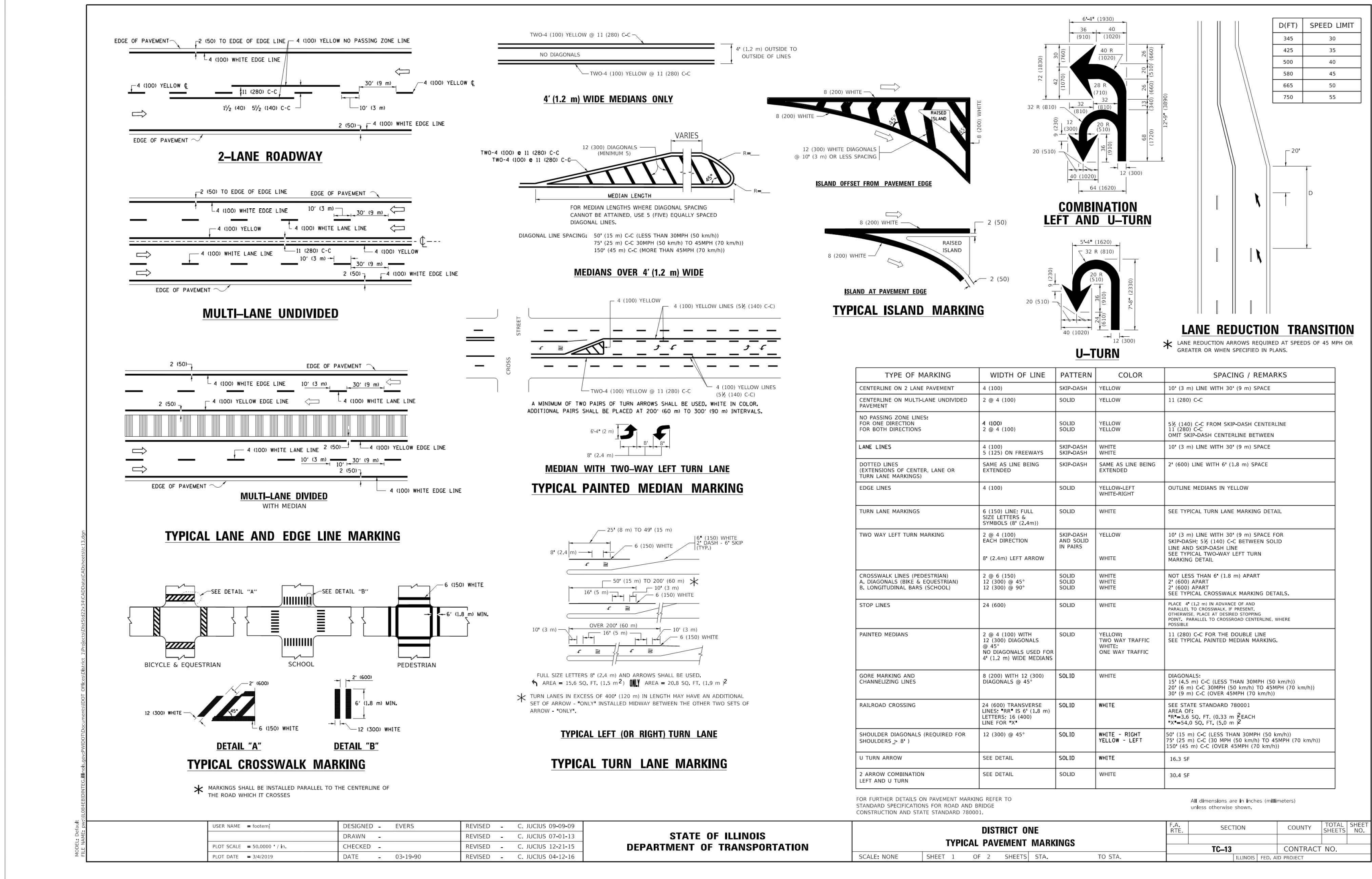
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