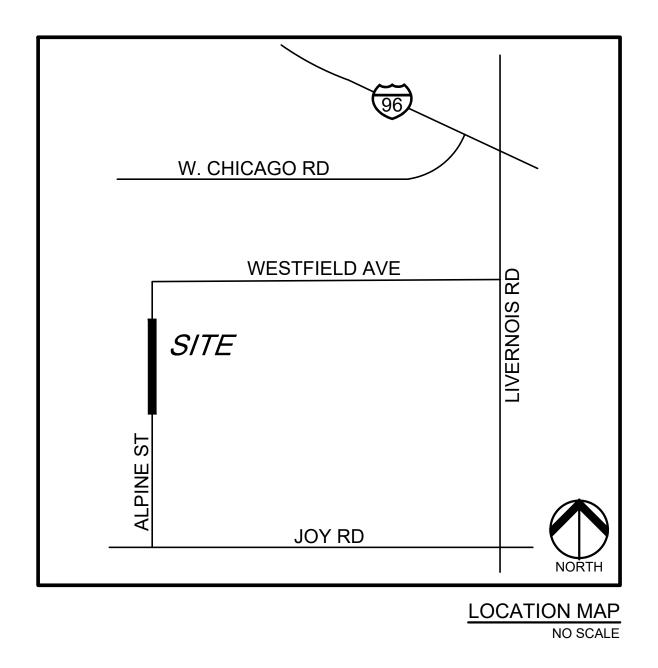
ALPINE STREET PAVING

DETROIT, WAYNE COUNTY, MI



PERMIT / APPROVAL SUMMARY DATE SUBMITTED DATE APPROVED PERMIT / APPROVAL



INDEX OF DRAWINGS NUMBER TITLE **COVER SHEET TOPOGRAPHIC SURVEY** DEMOLITION PLAN DIMENSION AND PAVING PLAN **GRADING PLAN** SOIL EROSION AND SEDIMENTATION CONTROL PLAN NOTES AND DETAILS CITY OF DETROIT STREET AND ALLEY DETAILS WAYNE COUNTY SOIL EROSION CONTROL DETAILS

DESIGN TEAM

OWNER/APPLICANT/DEVELOPER

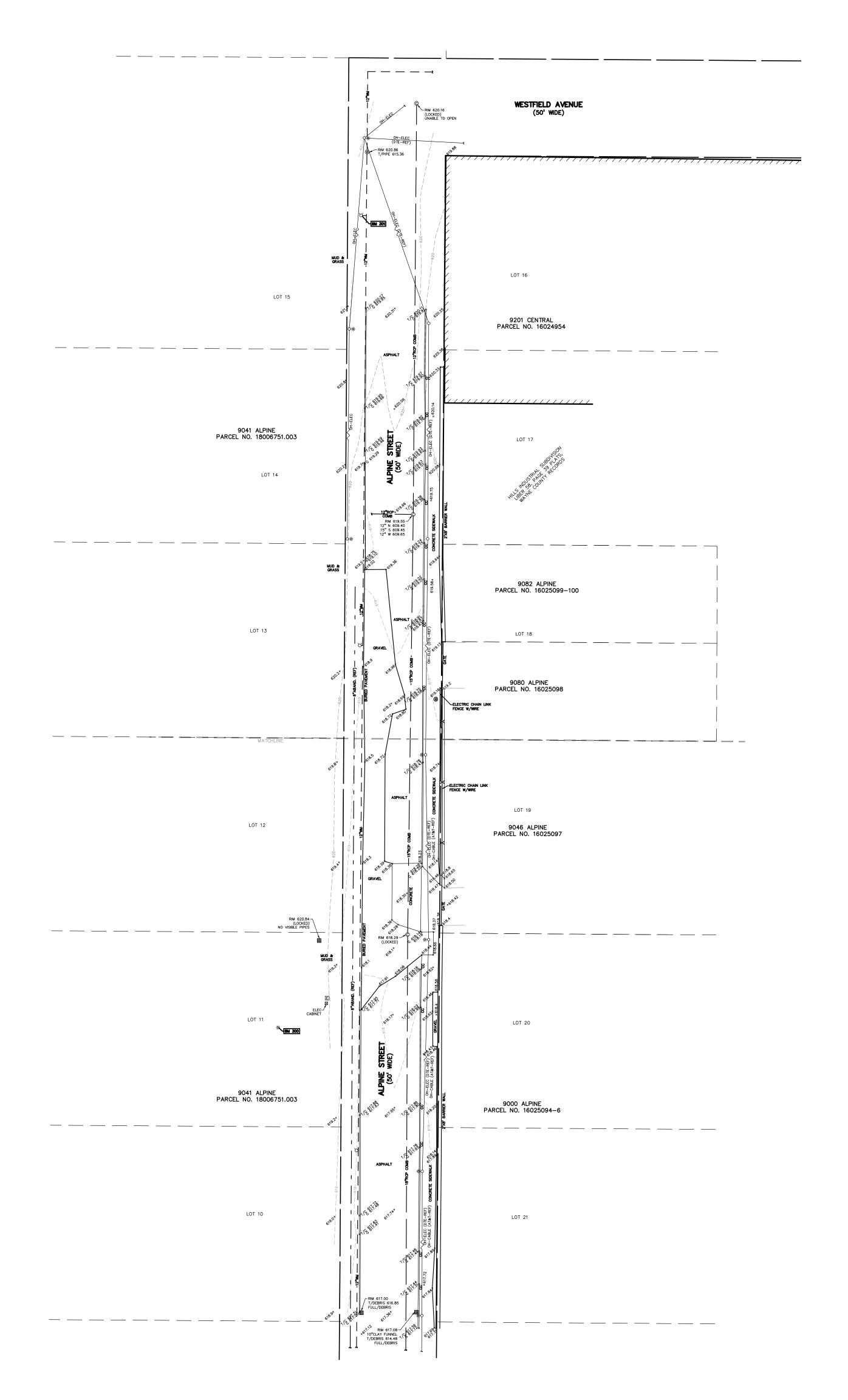
PEA GROUP DETROIT READY MIX CONCRETE 9189 CENTRAL STREET DETROIT, MI 48204 DETROIT, MI 48226 CONTACT: BUNKY WHEATLEY EMAIL: BWHEATLEY@DETROITREADYMIX.COM

45 W. GRAND RIVER AVE., STE 501 CONTACT: EMIL S. BUNEK III, PE PHONE: 844.813.2949 EMAIL: EBUNEK@PEAGROUP.COM

CIVIL ENGINEER

GROUP

REVISIO	NS
DESCRIPTION	DATE
ORIGINAL ISSUE DATE	7/7/2025



LEGEND: -OH-ELEC-W-O-< EX. OH. ELEC, POLE & GUY WIRE -UG-CATV-X EX. U.G. CABLE TV & PEDESTAL -UG-COMM—⊠—①— EX. U.G. COMMUNICATION LINE, PEDESTAL & MANHOLE -UG-ELEC-E-E EX. U.G. ELEC,MANHOLE & METER GROUP — - — - — EX. GAS LINE © GAS EX. GAS VALVE & GAS LINE MARKER – — — EX, WATER MAIN ∀

O

■ EX. HYDRANT, GATE VALVE & POST INDICATOR VALVE EX. SANITARY SEWER EX. COMBINED SEWER MANHOLE —— – – EX. STORM SEWER ⊚ ⑤ ▷ EX. CLEANOUT, MANHOLE & CULVERT EX. SQUARE, ROUND & BEEHIVE CATCH BASIN O^{Y.D.} 🐵 🐵 EX. YARD DRAIN, ROOF DRAIN & DOWNSPOUT EX. UNIDENTIFIED STRUCTURE 次EX. LIGHT POLE & YARD LIGHT EX. PUBLIC LIGHTING MANHOLE _____X_____ EX. FENCE EX. GUARD RAIL EX. DEC. TREE, CONIFEROUS TREE & SHRUB EX. TREE TAG, & TREE LINE EX. SPOT ELEVATION EX. CONTOUR EX. WETLAND IRON FOUND / SET NAIL FOUND / NAIL & CAP SET BRASS PLUG SET MONUMENT FOUND / SET SECTION CORNER FOUND (R) (M) (C) RECORDED / MEASURED / CALCULATED REFERENCE DRAWINGS: CABLE AT&T MAP A1, DATED 06/11/2025 CAUTION!! ELECTRIC DTE ELECTRIC MAP 319-316, DATED 06/10/2025 THE LOCATIONS AND ELEVATIONS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOF. THE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATIONS PRIOR TO THE START OF CONSTRUCTION. DTE GAS COMPANY MAP DATED 06/10/2025 COMBINED SEWER SEWER MAP S-7-F, DWSD EMAIL DATED 06/24/2025 WATER MAIN WATER MAP 16-M, DWSD EMAIL DATED 06/24/2025 BENCHMARKS: (GPS DERIVED - NAVD88) W. CHICAGO RD MAG NAIL IN THE TOP EAST SIDE OF A LIGHT POLE BASE LOCATED ON THE WEST SIDE OF ALPINE STREET, APPROX. 470' SOUTH FROM THE

ARROW ON A HYDRANT LOCATED ON THE WEST SIDE OF ALPINE STREET, APPROX. 57' SOUTH FROM THE CENTERLINE OF WESTFIELD

ELEV - 623.69

CENTERLINE OF WESTFIELD AVENUE. ELEV - 621.46

CLIENT

DETROIT READY MIX CONCRETE 9189 CENTRAL STREET DETROIT, MICHIGAN 48204

WESTFIELD AVE

t: 844.813.2949

www.peagroup.com

SCALE: 1" = 30'

PROJECT TITLE

ALPINE STREET PAVING ALPINE STREET CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

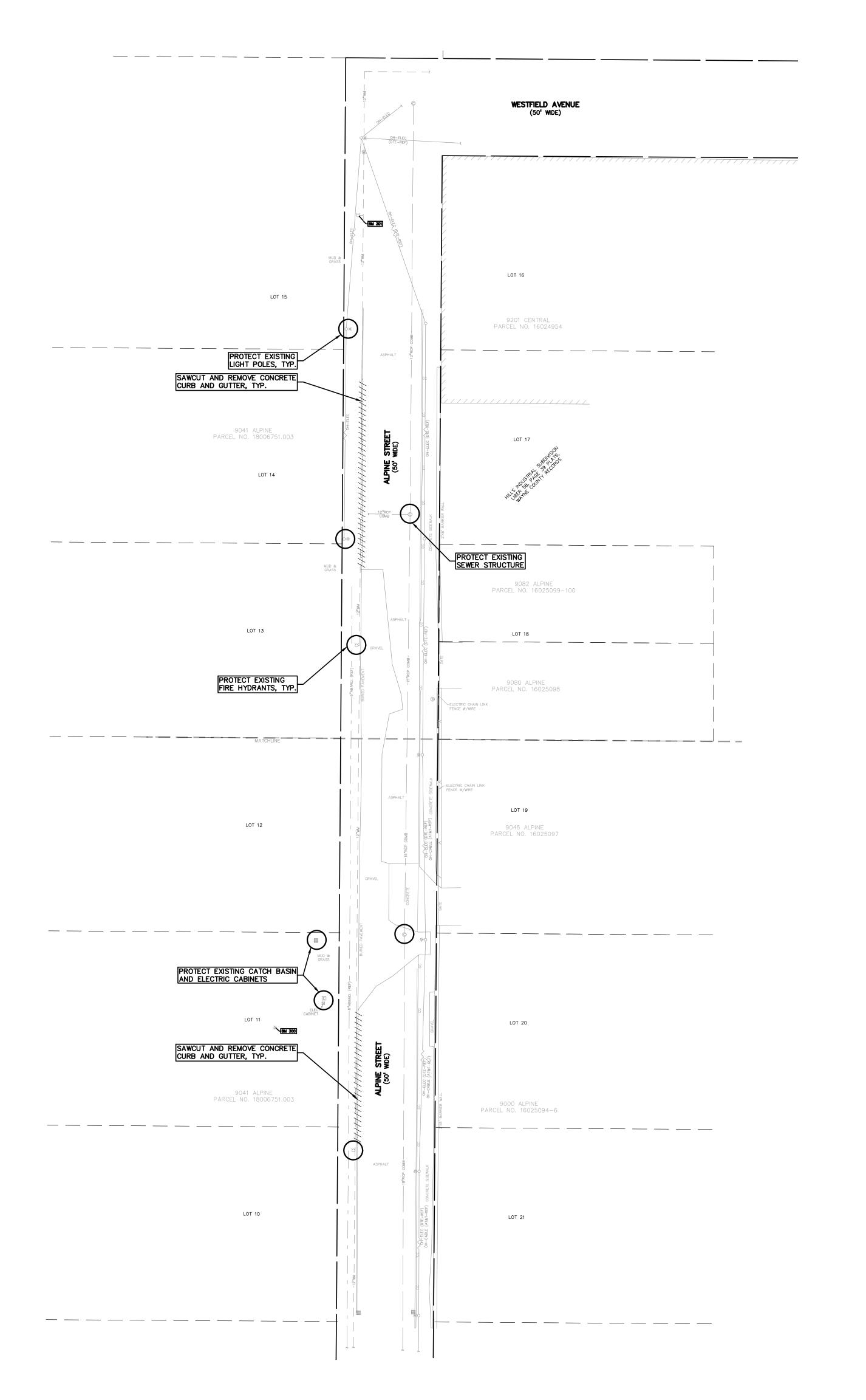
REVISIONS
-
ODICINAL ICCUE DATE:
ORIGINAL ISSUE DATE: JULY 7, 2025

DRAWING TITLE

TOPOGRAPHIC SURVEY

PEA JOB NO.	25-0946
P.M.	ESB
DN.	CNR
DES.	JRW
DRAWING NI IME	RED.

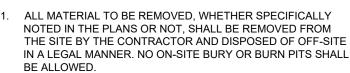
FLOODPLAIN NOTE:
THE SUBJECT PARCEL LIES WITHIN AREA DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOODPLAIN (ZONE 'X') PER FEMA FLOOD INSURANCE RATE MAP NUMBER 26163C0260E, DATED 02/02/2012, A NON-PRINTABLE PANEL



GENERAL DEMOLITION NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT:

CODES AND ORDINANCES.



- ALL DEMOLITION WORK SHALL CONFORM TO ALL LOCAL
- 3. STAGING/PHASING OF DEMOLITION AND CONSTRUCTION IS
 TO BE COORDINATED WITH THE OWNER AND THE
 CONTRACTOR PRIOR TO CONSTRUCTION.
- 4. SPECIFIC DEMOLITION ITEMS HAVE BEEN INDICATED ON THE PLANS AS A GUIDE TO THE GENERAL SCOPE OF THE WORK. IT IS THE INTENT THAT THESE ITEMS SHALL BE COMPLETELY REMOVED BY THE CONTRACTOR ABOVE AND BELOW GROUND, UNLESS SPECIFICALLY NOTED OTHERWISE, AND THAT DEMOLITION WILL INCLUDE BUT WILL NOT NECESSARILY BE LIMITED TO THESE ITEMS. CONTRACTOR SHALL VISIT SITE TO VERIFY EXISTING CONDITIONS AND EXTENTS OF THE DEMOLITION THAT WILL BE REQUIRED PRIOR TO SUBMITTING A BID.
- 5. REMOVE ALL STRUCTURES DESIGNATED FOR REMOVAL ACCORDING TO THE DEMOLITION PLAN. THIS INCLUDES FOUNDATIONS, FOOTINGS, FOUNDATION WALLS, FLOOR SLABS, UNDERGROUND UTILITIES, CONCRETE, ASPHALT, TREES, ETC.
- 6. THE CONTRACTOR SHALL, AS A MINIMUM, PROVIDE TREE PROTECTION FENCING AROUND EXISTING TREES TO BE SAVED THAT ARE WITHIN 15 FEET OF CONSTRUCTION ACTIVITIES AND AS INDICATED IN THE PLANS OR PER LOCAL AGENCY REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEAN UP, NOISE, DUST CONTROL, STREET SWEEPING AND HOURS OF OPERATION IN ACCORDANCE WITH THE LOCAL CODES.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY
 BARRICADES, SIGNAGE, MARKINGS, LIGHTS AND OTHER
 TRAFFIC CONTROL DEVICES TO PROTECT THE WORK ZONE
 AND SAFELY MAINTAIN TRAFFIC PER AGENCY
 REQUIREMENTS AND IN ACCORDANCE WITH THE LATEST
 EDITION OF THE STATE MANUAL OF UNIFORM TRAFFIC
 CONTROL DEVICES.
- THE CONTRACTOR SHALL CONTACT THE APPROPRIATE UTILITY COMPANIES TO CONFIRM THAT UTILITY LEADS HAVE BEEN TAKEN OUT OF SERVICE PRIOR TO DEMOLITION.
- O. ALL BUILDING GAS LEADS, METERS AND ASSOCIATED EQUIPMENT SHALL BE REMOVED AS SHOWN ON THE PLANS. COORDINATE ALL ASSOCIATED WORK WITH THE APPROPRIATE UTILITY COMPANY.
- REMOVE ALL OVERHEAD AND UNDERGROUND ELECTRICAL LINES WITHIN THE AREA OF CONSTRUCTION AS SHOWN ON THE PLANS. COORDINATE SHUTDOWNS AND REMOVALS WITH ELECTRICAL SERVICE PROVIDER OR THE APPROPRIATE UTILITY COMPANY. (NOTE: PHONE AND CABLE T.V. SERVICES MAY ALSO BE LOCATED ON OVERHEAD LINES.)
- 12. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF SIGNS AND SUPPORTS WITHIN THE WORK AREA, AS NECESSARY TO FACILITATE CONSTRUCTION.

 SIGNS SHALL BE PROTECTED OR STOCKPILED FOR REUSE AS SPECIFIED IN THE PLANS OR AS REQUIRED BY THE AGENCY OF JURISDICTION. THE CONTRACTOR SHALL REPLACE ANY DAMAGED SIGNS AND SUPPORTS AT NO ADDITIONAL COST TO THE OWNER.
- 3. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

DEMOLITION LEGEND:

ITEM TO BE PROTECTED

S

ITEM TO BE REMOVED

CURB/FENCE REMOVAL

CONCRETE PAVEMENT AND SIDEWALK REMOVAL

UTILITY REMOVAL

BE REMOVED

ABANDON UTILITY

AREA OR ITEMS TO

ASPHALT REMOVAL

SAWCUT LINE

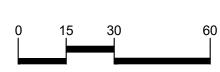
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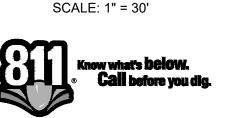
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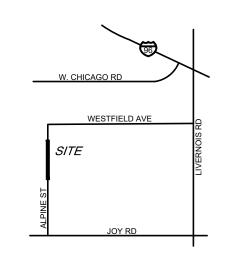






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CLIENT

DETROIT READY MIX CONCRETE 9189 CENTRAL STREET DETROIT, MICHIGAN 48204

PROJECT TITLE

ALPINE STREET

CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

REVISIONS

ORIGINAL ISSUE DATE: JULY 7, 2025

DEMOLITION PLAN

A JOB NO 25-094

PEA JOB NO. 25-0946

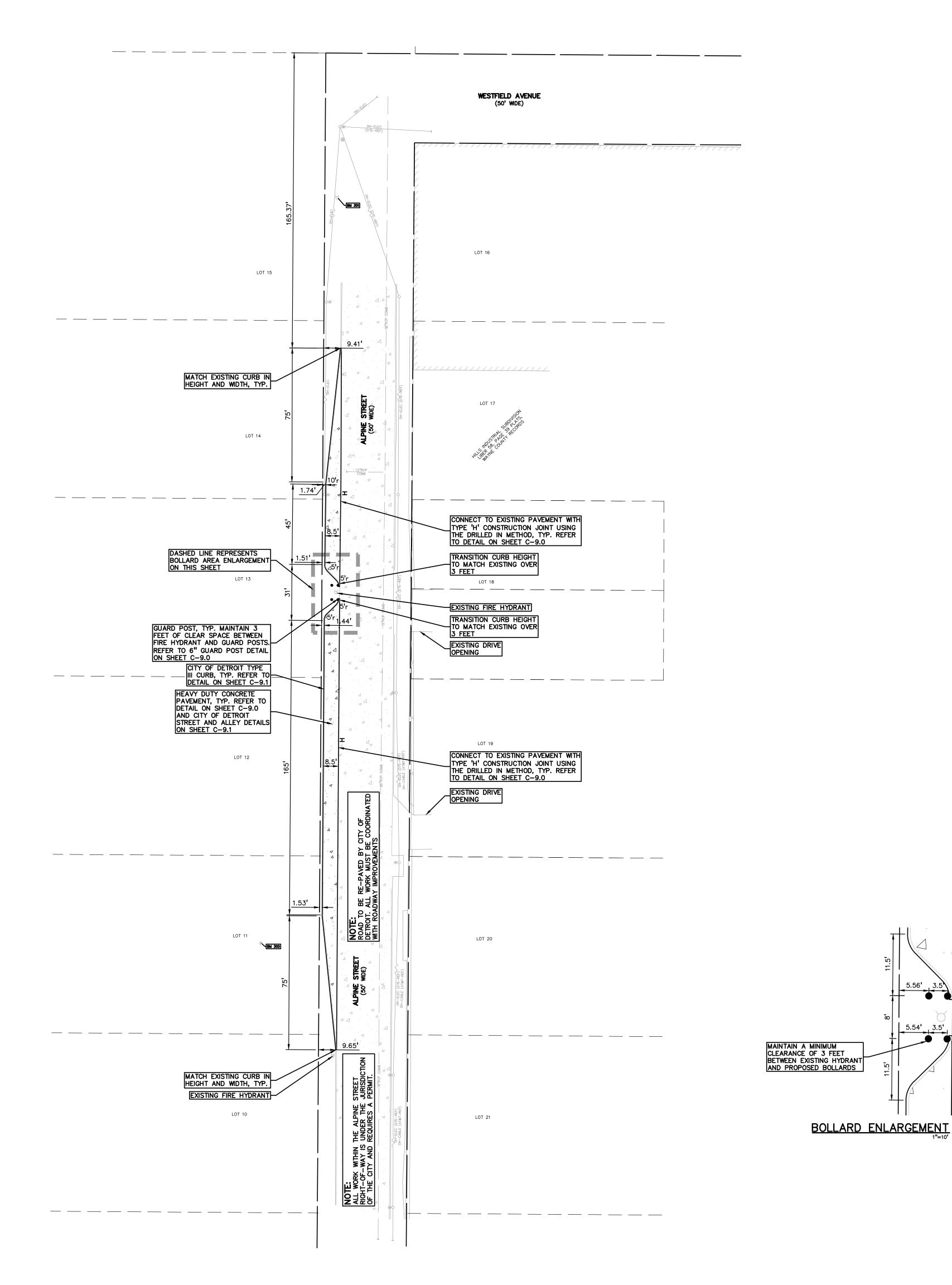
P.M. ESB

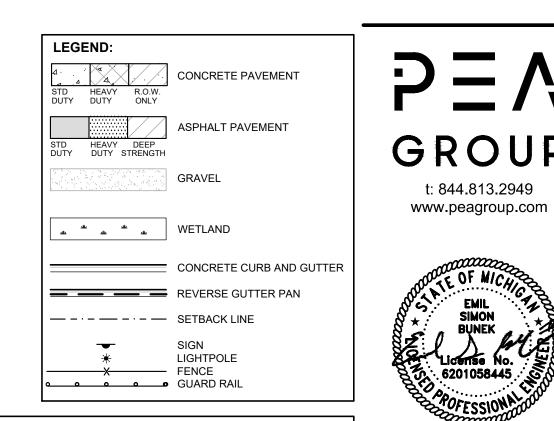
DN. CNR

DES. JRW

DRAWING NUMBER:

C-2.0





GENERAL NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT.

- ALL DIMENSIONS SHOWN ARE TO BACK OF CURB, FACE OF SIDEWALK, OUTSIDE FACE OF BUILDING, PROPERTY LINE, CENTER OF MANHOLE/CATCH BASIN OR CENTERLINE OF PIPE UNLESS OTHERWISE NOTED.
- 'NO PARKING-FIRE LANE' SIGNS SHALL BE POSTED ALONG ALL FIRE LANES AT 100 FOOT INTERVALS OR AS DIRECTED BY THE FIRE OFFICIAL.
- REFER TO NOTES & DETAILS SHEET FOR ON-SITE PAVING DETAILS.
- REFER TO NOTES & DETAILS SHEET FOR ON-SITE SIDEWALK RAMP DETAILS



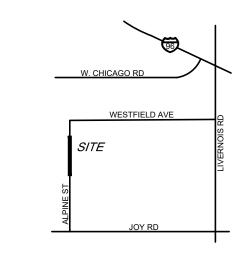
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CLIENT

DETROIT READY MIX CONCRETE 9189 CENTRAL STREET DETROIT, MICHIGAN 48204

PROJECT TITLE

ALPINE STREET PAVING
ALPINE STREET
CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

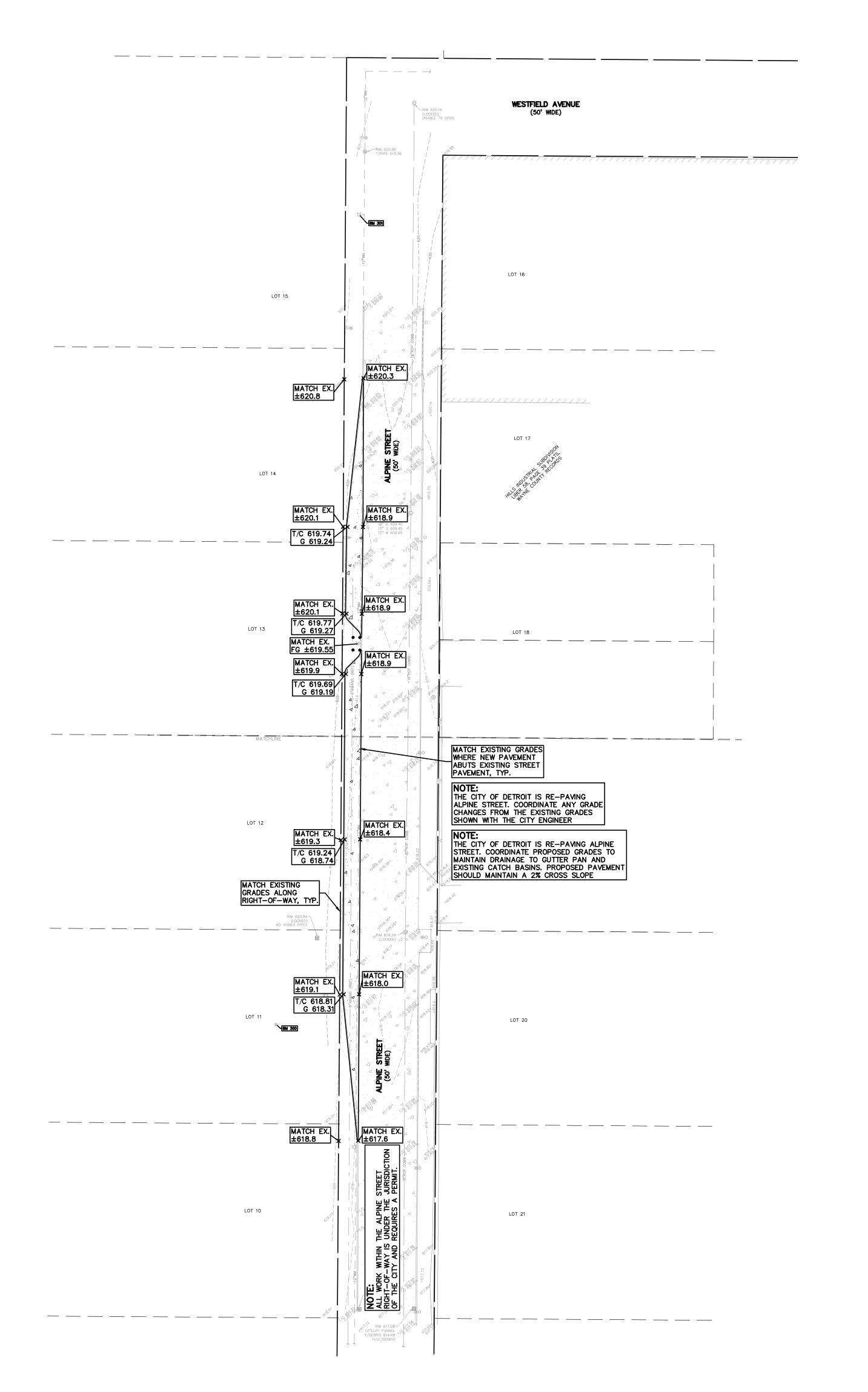
REVISIONS
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ORIGINAL ISSUE DATE: JULY 7, 2025

DRAWING TITLE

DIMENSION AND PAVING PLAN

PEA JOB NO.	25-0946
P.M.	ESB
DN.	CNR
DES.	JRW
DRAWING NUMBER:	



GRADING LEGEND:

EXISTING SPOT ELEVATION PROPOSED SPOT ELEVATION: TYPICALLY TOP OF PAVEMENT IN PAVED AREAS, GUTTER GRADE

IN CURB LINES. 670—— EXISTING CONTOUR

——922—— PROPOSED CONTOUR

PROPOSED REVERSE GUTTER PAN ---- PROPOSED RIDGE LINE

----- PROPOSED SWALE/DITCH

ABBREVIATIONS

T/C = TOP OF CURB F = FLUSH WALK T/P = TOP OF PAVEMENT G = GUTTER GRADET/S = TOP OF SIDEWALK FF = FINISH FLOOR T/W = TOP OF WALL FG = FINISH GRADE B/W = BOTTOM OF WALL RIM = RIM ELEVATION

REFER TO GRADING NOTES ON SHEET C-9.0.

EARTHWORK BALANCING NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR IMPORTING OR EXPORTING ALL MATERIALS AS REQUIRED TO PROPERLY GRADE THIS PROJECT TO THE FINISHED ELEVATIONS SHOWN ON THE APPROVED PLANS. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF CUT AND FILL QUANTITIES AND ALLOW FOR REMOVAL OF EXCESS OR IMPORTATION OF ADDITIONAL MATERIAL AT NO ADDITIONAL COST TO THE OWNER.

BENCHMARKS: (GPS DERIVED - NAVD88)

MAG NAIL IN THE TOP EAST SIDE OF A LIGHT POLE BASE LOCATED ON THE WEST SIDE OF ALPINE STREET, APPROX. 470' SOUTH FROM THE CENTERLINE OF WESTFIELD AVENUE. ELEV - 621.46

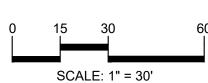
ARROW ON A HYDRANT LOCATED ON THE WEST SIDE OF ALPINE STREET, APPROX. 57' SOUTH FROM THE CENTERLINE OF WESTFIELD AVENUE. ELEV - 623.69



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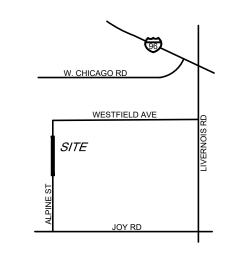








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CLIENT

DETROIT READY MIX CONCRETE
9189 CENTRAL STREET
DETROIT, MICHIGAN 48204

PROJECT TITLE

ALPINE STREET PAVING ALPINE STREET
CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

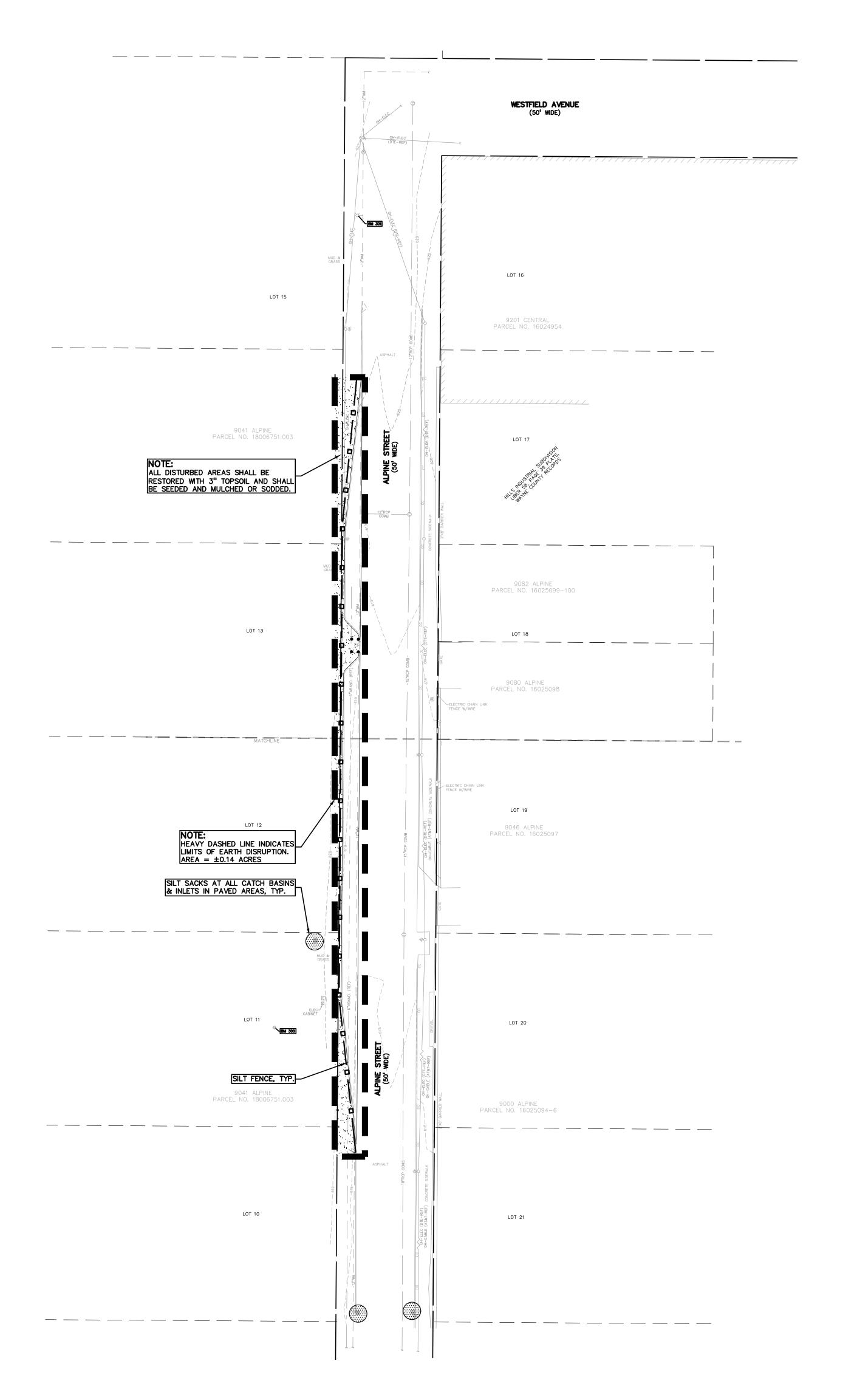
REVISIONS

ORIGINAL ISSUE DATE: JULY 7, 2025

DRAWING TITLE **GRADING PLAN**

PEA JOB NO.	25-0946
P.M.	ESB
DN.	CNR
DES.	JRW

DRAWING NUMBER:



FINAL INSPECTION AND CERTIFICATE OF COMPLETION REQUIREMENTS:

- 1. ALL ITEMS ON APPROVED SESC PLAN AND PERMIT MUST BE COMPLETED.
- 2. ALL DISTURBED EARTH MUST BE PERMANENTLY STABILIZED WITH VEGETATION OR HARD SURFACE.
- ACCUMULATED SEDIMENT MUST BE REMOVED FROM THE ENTIRE STORM SEWER SYSTEM.
- 4. ACCUMULATED SEDIMENT MUST BE REMOVED FROM THE SEDIMENTATION BASIN.
- ALL TEMPORARY SESC DEVICES MAY BE REMOVED AFTER CERTIFICATE OF COMPLETION.

EROSION CONTROL QUANTITIES:	
SILT FENCE	400 LF
INLET FILTERS	3 EA.
TEMPORARY SEEDING	280 S.Y.

SYMBOLS: EROSION CONTROL

—

SILT FENCE

STORM SEWER INLET FILTER

TEMPORARY CONSTRUCTION ACCESS DRIVE

EROSION CONTROL BLANKETS

REFER TO WAYNE COUNTY SOIL EROSION DETAILS ON SHEET C-9.2

APPROXIMATE TEMPORARY SEEDING LOCATIONS

GENERAL SITE CONDITIONS:

- 1. ACCORDING TO THE USDA WEB SOIL SURVEY OBTAINED ON JULY 1, 2025 THE SITE CONSISTS OF THE FOLLOWING SOIL TYPES:
- UrbarB URBAN LAND-RIVERFRONT COMPLEX, DENSE SUBSTRATUM, 0 TO 4 PERCENT SLOPES

2. TOTAL DISTURBED AREA = ±0.14 ACRES

SOIL EROSION CONTROL NOTES:

- 1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO STANDARDS AND SPECIFICATIONS OF THE COUNTY.
- DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR FOR EFFECTIVENESS OF EROSION AND SEDIMENTATION CONTROL MEASURES, AND ANY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
- B. EROSION AND ANY SEDIMENTATION FROM WORK ON THIS SITE SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS OR IN WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES AND PONDS.
- 4. CONTRACTOR SHALL APPLY TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES WHEN REQUIRED AND AS DIRECTED ON THESE PLANS. REMOVE TEMPORARY MEASURES AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES, AND OTHER EARTH CHANGES HAVE BEEN ACCOMPLISHED AND A CERTIFICATE OF COMPLETION HAS BEEN ISSUED BY THE COUNTY FOR THE SESC PERMIT
- 5. STAGING THE WORK SHALL BE DONE BY THE CONTRACTOR AS DIRECTED IN THESE PLANS AND AS REQUIRED TO ENSURE PROGRESSIVE STABILIZATION OF DISTURBED EARTH.
- 6. SOIL EROSION CONTROL PRACTICES SHALL BE ESTABLISHED IN EARLY STAGES OF CONSTRUCTION BY THE CONTRACTOR. SEDIMENT CONTROL PRACTICES SHALL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTING OF SILT OFF THE SITE.

SOIL EROSION MAINTENANCE SCHEDULE AND NOTES:

THE CONTRACTOR SHALL INSPECT THE SOIL EROSION AND SEDIMENTATION CONTROL DEVICES ONCE EACH WEEK AND/OR WITHIN 24 HOURS OF A RAINFALL EVENT WHICH RESULTS IN A STORM WATER DISCHARGE FROM THE SITE. THE FOLLOWING STEPS SHALL BE IMPLEMENTED IF ANY DAMAGE HAS OCCURRED.

- . ANY DEBRIS OR DIRT ON ANY PAVED AREA RESULTING FROM CONSTRUCTION TRAFFIC SHALL BE CLEANED IN A PROMPT MANNER BY THE CONTRACTOR. THE CONSTRUCTION DRIVE SHALL BE CLEANED AT THE END OF EACH DAY.
- 2. ALL DIRT AND MUD TRACKED ONTO PAVED AREAS SHALL BE REMOVED DAILY BY SCRAPING. STREET SWEEPING IS REQUIRED WEEKLY.
- 3. SILT FENCE MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY BUILT UP SEDIMENT WHEN THE SEDIMENT HEIGHT ACCUMULATES TO 1/3 TO 1/2 OF THE HEIGHT OF THE FENCE. THE CONTRACTOR IS RESPONSIBLE TO REMOVE, REPLACE, RETRENCH OR REBACKFILL THE SILTATION FENCE SHOULD IT FALL OR BE DAMAGED DURING CONSTRUCTION.
- 4. INLET FILTER MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY ACCUMULATED SILT OR OTHER DEBRIS. THE REMOVAL OF SILT SHOULD BE WITH THE USE OF A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF INLET FILTERS CAN NOT BE CLEANED OR ARE DAMAGED, THEN THE FABRIC MUST BE REPLACED.
- 5. A WATER TRUCK SHALL BE AVAILABLE TO WATER DOWN THE SITE ON A DAILY BASIS AS REQUIRED TO MAINTAIN DUST CONTROL.

STREET CLEAN	ING SCHE	DULE	

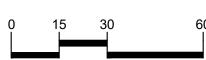
	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
SCRAPE STREETS		×	×	×	×	×	×
SWEEP STREETS				×			





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CLIENT

DETROIT READY MIX CONCRETE 9189 CENTRAL STREET DETROIT, MICHIGAN 48204

PROJECT TITLE

ALPINE STREET PAVING

ALPINE STREET CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

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ORIGINAL ISSUE DATE:

JULY 7, 2025

SOIL EROSION
AND
SEDIMENTATION

SEDIMENTATION CONTROL PLAN

PEA JOB NO. 25-0946
P.M. ESB
DN. CNR
DES. JRW
DRAWING NUMBER:

C-5.0

SEQUENCE OF CONSTRUCTION:

START END DAY

1 90 INSTALL CRUSHED CONCRETE ACCESS APPROACH AT SITE ROAD APPROACH.

1 90 INSTALL TEMPORARY SOIL EROSION CONTROL MEASURES, SILT FENCES, INLET PROTECTION, ETC. AS NECESSARY.
1 120 MAINTAIN A 25' BUFFER OF VEGETATION AROUND PERIMETER OF SITE WHERE POSSIBLE.

STOCKPILE TOPSOIL AS REQUIRED. ALL STOCKPILES MUST BE GRADED AND SEEDED.

1 15 REMOVE ALL VEGETATION, TREES AND BRUSH FROM THE PROPOSED CONSTRUCTION AREA UNLESS MARKED TO REMAIN. STRIP AND

5 14 REMOVE ALL PAVEMENT, CURB, UTILITIES, ETC. AS REQUIRED TO INSTALL THE PROPOSED WORK AS SHOWN ON THE TOPOGRAPHIC SURVEY AND DEMOLITION PLAN.

28 ROUGH GRADE SITE. SEED AND MULCH BLANKETS MUST BE INSTALLED AS SHOWN WITHIN 5 DAYS OF FINAL GRADE. REPAIR AND/OR

14 DISPOSE OF ALL EXCESS/UNSUITABLE MATERIALS OFF SITE IN A LEGAL MANNER. NO ON-SITE BURN OR BURY PITS ALLOWED.

RE-INSTALL ANY TEMPORARY SOIL EROSION CONTROL MEASURES THAT WERE DAMAGED DURING GRADING OPERATIONS.

90 TEMPORARY SEEDING MUST BE PROVIDED IN AREAS NOT TO BE WORKED ON FOR 15 DAYS OR LONGER.
 80 FINE GRADE SITE AND PREPARE FOR SITE PAVING OPERATIONS.

80 110 INSTALL ALL PAVEMENT, SIDEWALKS, CURBING AS PROPOSED. IF PERMANENT LANDSCAPING IS NOT TO BE INSTALLED SOON AFTER PAVING IS COMPLETE, ALL AREAS WITHIN 20 FEET OF BACK OF CURB MUST BE TEMPORARILY SEEDED. REPAIR INLET PROTECTION, SILT FENCE AND ANY OTHER DAMAGED SOIL EROSION CONTROL MEASURES AS NECESSARY.

119 FINAL GRADE, REDISTRIBUTE STOCKPILED TOPSOIL, ESTABLISH VEGETATION AND INSTALL ALL PERMANENT LANDSCAPING IN ALL DISTURBED

8 120 CLEAN PAVEMENT AND REMOVE ALL TEMPORARY SOIL EROSION CONTROL MEASURES. RE-ESTABLISH VEGETATION AS REQUIRED.

120 120 REMOVE SEDIMENTATION CONTROLS ONCE ENTIRE SITE HAS BEEN PERMANENTLY STABILIZED.

GENERAL NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT

- ALL CONSTRUCTION, WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH CURRENT OSHA, MDOT AND MUNICIPALITY STANDARDS AND REGULATIONS.
- THE CONTRACTOR SHALL NOTIFY THE CITY OF DETROIT ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER SHOULD THEY ENCOUNTER ANY DESIGN ISSUES DURING CONSTRUCTION. IF THE CONTRACTOR MAKES DESIGN MODIFICATIONS WITHOUT THE WRITTEN DIRECTION OF THE DESIGN ENGINEER. THE CONTRACTOR DOES SO AT HIS OWN RISK.
- UNLESS OTHERWISE AGREED UPON BETWEEN THE OWNER AND CONTRACTOR, THE CONTRACTOR SHALL PAY ALL MUNICIPAL, COUNTY, AND STATE PERMIT, INSPECTION, AND/OR TESTING FEES. THE CONTRACTOR SHALL ALSO PROVIDE THE NECESSARY BONDS AND INSURANCE REQUIRED TO COMPLETE THE PROJECT
- THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE 811/ONE CALL UTILITY LOCATING CENTER, THE CITY ENGINEER AND/OR THE AUTHORITY HAVING JURISDICTION 3 BUSINESS DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION. IF NO NOTIFICATION IS GIVEN AND DAMAGE RESULTS, SAID DAMAGE WILL BE REPAIRED AT SOLE EXPENSE OF THE CONTRACTOR. IF EXISTING UTILITY LINES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER SO THAT THE CONFLICT MAY BE RESOLVED.
- CONTRACTOR SHALL VERIFY THAT THE PLANS AND SPECIFICATIONS ARE THE VERY LATEST PLANS AND SPECIFICATIONS AND FURTHERMORE, VERIFY THAT THESE PLANS AND SPECIFICATIONS HAVE BEEN APPROVED. ALL ITEMS CONSTRUCTED BY THE CONTRACTOR PRIOR TO RECEIVING FINAL APPROVAL, HAVING TO BE ADJUSTED OR RE-DONE, SHALL BE AT THE CONTRACTORS EXPENSE. SHOULD THE CONTRACTOR ENCOUNTER A CONFLICT BETWEEN THESE PLANS AND/OR SPECIFICATIONS, THEY SHALL SEEK CLARIFICATION IN WRITING FROM THE ENGINEER BEFORE COMMENCEMENT OF CONSTRUCTION. FAILURE TO DO SO SHALL BE AT SOLE EXPENSE TO THE CONTRACTOR.
- ANY WORK WITHIN THE STREET OR HIGHWAY RIGHTS-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AGENCIES HAVING JURISDICTION AND SHALL NOT BEGIN UNTIL ALL NECESSARY PERMITS HAVE BEEN ISSUED FOR THE WORK.
- ALL PROPERTIES OR FACILITIES IN THE SURROUNDING AREAS, PUBLIC OR PRIVATE, DESTROYED OR OTHERWISE DISTURBED DUE TO CONSTRUCTION, SHALL BE REPLACED AND/OR RESTORED TO THE ORIGINAL CONDITION BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BARRICADING, SIGNAGE, LIGHTS AND TRAFFIC CONTROL DEVICES TO PROTECT THE WORK AND SAFELY MAINTAIN TRAFFIC IN ACCORDANCE WITH LOCAL REQUIREMENTS AND THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (LATEST EDITION). THE DESIGN ENGINEER OWNER CITY AND STATE SHALL NOT BE HELD LIABLE FOR ANY CLAIMS RESULTING FROM ACCIDENTS OR DAMAGES CAUSED BY THE CONTRACTOR'S FAILURE TO COMPLY WITH TRAFFIC AND PUBLIC SAFETY REGULATIONS DURING THE CONSTRUCTION PERIOD.
- THE USE OF CRUSHED CONCRETE IS PROHIBITED ON THE PROJECT WITHIN 100 FEET OF ANY WATER COURSE (STREAM, RIVER, COUNTY DRAIN, ETC.) AND LAKE, REGARDLESS OF THE APPLICATION OR LOCATION OF THE WATER COURSE OR LAKE RELATIVE TO THE PROJECT LIMITS.
- I. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ADJUST THE TOP OF ALL EXISTING AND PROPOSED STRUCTURES (MANHOLES, CATCH BASINS, INLETS, GATE WELLS ETC.) WITHIN GRADED AND /OR PAVED AREAS TO FINAL GRADE SHOWN ON THE PLANS. ALL SUCH ADJUSTMENTS SHALL BE INCIDENTAL TO THE JOB AND WILL NOT BE PAID FOR SEPARATELY

PAVING NOTES:

- IN AREAS WHERE NEW PAVEMENTS ARE BEING CONSTRUCTED, THE TOPSOIL AND SOIL CONTAINING ORGANIC MATTER SHALL BE REMOVED PRIOR TO PAVEMENT CONSTRUCTION.
- CONSTRUCTION TRAFFIC SHOULD BE MINIMIZED ON THE NEW PAVEMENT. IF CONSTRUCTION TRAFFIC IS ANTICIPATED ON THE PAVEMENT STRUCTURE, THE INITIAL LIFT THICKNESS COULD BE INCREASED AND PLACEMENT OF THE FINAL LIFT COULD BE DELAYED UNTIL THE MAJORITY OF THE CONSTRUCTION ACTIVITIES HAVE BEEN COMPLETED. THIS ACTION WILL ALLOW REPAIR OF LOCALIZED FAILURE, IF ANY DOES OCCUR, AS WELL AS REDUCE LOAD DAMAGE ON THE PAVEMENT SYSTEM.
- ALL EXPANSION JOINTS AND CONCRETE PAVEMENT JOINTS TO BE SEALED.
- CONCRETE PAVEMENT JOINTING UNLESS SHOWN OTHERWISE IN THE PLANS OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION; 4.1. WHERE PROPOSED CONCRETE ABUTS A STRUCTURE, PROVIDE A MINIMUM 1/2" EXPANSION JOINT. THE JOINT FILLER BOARD MUST BE AT LEAST THE
- FULL DEPTH OF THE CONCRETE AND HELD DOWN A 1/2" TO ALLOW FOR SEALING. 4.2. WHERE PROPOSED CONCRETE ABUTS EXISTING CONCRETE OR IN BETWEEN POURS OF PROPOSED CONCRETE (CONSTRUCTION JOINT), PROVIDE 5/8" DOWELS EVERY 30" CENTER TO CENTER HALF WAY ALONG THE THICKNESS OF THE PROPOSED PAVEMENT. ALTERNATE DOWELS SIZES AND SPACING MUST BE APPROVED THE ENGINEER PRIOR TO COMMENCING WORK AND VIA THE SUBMITTAL PROCESS.
- WHERE PROPOSED CONCRETE ABUTS EXISTING OR PROPOSED SIDEWALK OR CURBING, PROVIDE A MINIMUM 1/2" EXPANSION JOINT. CONTROL, LONGITUDINAL AND/OR TRANSVERSE JOINTS SHALL BE PLACED TO PROVIDE PANELS WITHIN THE PAVEMENT AS SQUARE AS POSSIBLE
- WITH THE FOLLOWING MAXIMUM SPACING PARAMETERS: 4.4.1. 6-INCH THICK CONCRETE PAVEMENT: 12' X 12' 4.4.2. 8-INCH THICK CONCRETE PAVEMENT: 15' X 15'
- 4.5. IRREGULAR-SHAPED PANELS MAY REQUIRE THE USE OF REINFORCING MESH OR FIBER MESH AS DETERMINED BY THE ENGINEER. THE USE OF MESH MUST BE APPROVED THE ENGINEER PRIOR TO COMMENCING WORK AND VIA THE SUBMITTAL PROCESS.
- 4.6. IF A JOINT PLAN IS NOT PROVIDED IN THE PLANS, THE CONTRACTOR SHALL SUBMIT ONE TO THE ENGINEER FOR REVIEW PRIOR TO COMMENCING WORK AND VIA THE SUBMITTAL PROCESS.
- CONCRETE CURBING JOINTING UNLESS SHOWN OTHERWISE IN THE PLANS OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION 5.1. JOINTS WHEN ADJACENT TO ASPHALT PAVEMENT
- 5.1.1 PLACE CONTRACTION JOINTS AT 10' INTERVALS. 5.1.2. PLACE 1/2" EXPANSION JOINT AT CATCH BASINS, EXISTING AND PROPOSED SIDEWALK OR EXISTING CURBING.
- 5.1.3. PLACE 1" EXPANSION JOINT: 5.1.3.1. AT SPRING POINTS OF INTERSECTIONS OR ONE OF THE END OF RADIUS LOCATIONS IN A CURVE
- 5.1.3.2. AT 400' MAXIMUM INTERVALS ON STRAIGHT RUNS
- 5.1.3.3. AT THE END OF RADIUS AT OPPOSITE ENDS IN A CURBED LANDSCAPE ISLAND JOINTS WHEN TIED TO CONCRETE PAVEMENT
- 5.2.1. PLACE CONTRACTION JOINTS OPPOSITE ALL TRANSVERSE CONTRACTION JOINTS IN PAVEMENT 5.2.2. PLACE 1/2" EXPANSION JOINT AT CATCH BASINS, EXISTING AND PROPOSED SIDEWALK OR EXISTING CURBING.
- 5.2.3. PLACE 1" EXPANSION JOINT OPPOSITE ALL TRANSVERSE EXPANSION JOINTS IN PAVEMENT
- 5.2.4. CURB AND GUTTER AND CONCRETE SHALL BE TIED TOGETHER SIMILAR TO A LONGITUDINAL LANE TIE JOINT (MDOT B1 JOINT) 5.3. IN BETWEEN POURS OF PROPOSED CONCRETE CURBING (CONSTRUCTION JOINT):
- 5.3.1. CARRY THE REBAR CONTINUOUSLY BETWEEN POURS 5.3.2. IF THE REBAR IS NOT LONG ENOUGH TO CARRY CONTINUOUSLY, THEN TIE TWO PIECES OF REBAR PER THE LATEST MDOT SPECIFICATIONS

GENERAL GRADING AND EARTHWORK NOTES:

THESE NOTES APPLY TO ALL CONSTRUCTION ACTIVITIES ON THIS PROJECT

- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING TREES AND BRUSH AND REMOVE ALL THAT ARE NECESSARY TO GRADE SITE.
- ALL GRADES ARE TO TOP OF PAVEMENT UNLESS OTHERWISE NOTED.

EXCAVATED AND BACKFILLED WITH SUITABLE MATERIAL.

- THE STAGING OF CONSTRUCTION ACTIVITIES SHALL OCCUR ONLY WITHIN THE SITE BOUNDARIES. ANY CONSTRUCTION ACTIVITIES OUTSIDE OF THE SITE BOUNDARIES SHALL BE AT THE SOLE RESPONSIBILITY AND RISK OF THE CONTRACTOR.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL MEET THE REQUIREMENTS OF THE AUTHORIZED PUBLIC AGENCY OF JURISDICTION. AN EROSION CONTROL PERMIT MUST BE SECURED FROM THE COUNTY PRIOR TO CONSTRUCTION.
- ALL EARTHWORK AND GRADING OPERATIONS SHALL BE PERFORMED IN ACCORDANCE WITH THE SOILS INVESTIGATION AND REPORT.
- REFER TO SOIL EROSION CONTROL PLAN FOR ADDITIONAL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND NOTES. ALL SLOPE EXCEEDING 1:6 MUST BE STABILIZED BY SODDING OR BY PLACING A MULCH BLANKET PEGGED IN PLACE OVER SEED.
- ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED OR SODDED. PROVIDE A MINIMUM OF 3" OF TOPSOIL IN THESE AREAS UNLESS OTHERWISE
- THE CONTRACTOR SHALL NOTE EXISTING UNDERGROUND UTILITIES WITHIN AND ADJACENT TO THE SITE. BACKFILL FOR EXISTING UTILITY TRENCHES SHALL BE EXAMINED CRITICALLY. ANY TRENCHES FOUND TO HAVE SOFT, UNSTABLE OR UNSUITABLE BACKFILL MATERIAL, IN THE OPINION OF THE THIRD PARTY TESTING COMPANY, THAT ARE TO BE WITHIN THE ZONE OF INFLUENCE OF PROPOSED BUILDINGS OR PAVEMENT SHALL BE COMPLETELY
- 0. ON-SITE FILL CAN BE USED IF THE SPECIFIED COMPACTION REQUIREMENTS CAN BE ACHIEVED. IF ON-SITE SOIL IS USED, IT SHOULD BE CLEAN AND FREE OF FROZEN SOIL, ORGANICS, OR OTHER DELETERIOUS MATERIALS.
- THE FINAL SUBGRADE/EXISTING AGGREGATE BASE SHOULD BE THOROUGHLY PROOFROLLED USING A FULLY LOADED TANDEM AXLE TRUCK OR FRONT END LOADER UNDER THE OBSERVATION OF A GEOTECHNICAL/PAVEMENT ENGINEER. LOOSE OR YIELDING AREAS THAT CANNOT BE MECHANICALLY STABILIZED SHOULD BE REINFORCED USING GEOGRIDS OR REMOVED AND REPLACED WITH ENGINEERED FILL OR AS DICTATED BY FIELD CONDITIONS.
- SUBGRADE UNDERCUTTING, INCLUDING BACKFILLING SHALL BE PERFORMED TO REPLACE MATERIALS SUSCEPTIBLE TO FROST HEAVING AND UNSTABLE SOIL CONDITIONS. ANY EXCAVATIONS THAT MAY BE REQUIRED BELOW THE TOPSOIL IN FILL AREAS OR BELOW SUBGRADE IN CUT AREAS WILL BE CLASSIFIED AS SUBGRADE UNDERCUTTING.
- . SUBGRADE UNDERCUTTING SHALL BE PERFORMED WHERE NECESSARY AND THE EXCAVATED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR. ANY SUBGRADE UNDERCUTTING SHALL BE BACKFILLED AS RECOMMENDED IN THE GEOTECHNICAL ENGINEERING REPORT FOR THE
- 14. ANY SUB-GRADE WATERING REQUIRED TO ACHIEVE REQUIRED DENSITY SHALL BE CONSIDERED INCIDENTAL TO THE JOB.

CONSTRUCTION MATERIAL SUBMITTALS

UNLESS REQUIRED OTHERWISE IN THE PROJECT SPECIFICATIONS, THE CONTRACTOR SHALL ONLY SUBMIT THE FOLLOWING CONSTRUCTION MATERIAL SUBMITTALS, AS APPLICABLE TO THE PLANS, FOR REVIEW BY THE ENGINEER. UNLESS APPROVED IN ADVANCE AND IN WRITING BY THE ENGINEER, ANY MATERIAL SUBMITTALS PROVIDED TO THE ENGINEER FOR REVIEW IN ADDITION TO THIS LIST SHALL BE RETURNED TO THE CONTRACTOR WITHOUT A

- SOIL EROSION AND SEDIMENTATION CONTROL MEASURES
- PAVEMENT AGGREGATE BASE MATERIAL WITH ALL MATERIAL DATA INCLUDED IN THE SUBMITTAL BEING DATED WITHIN 60 DAYS OF THE SUBMITTAL UNLESS APPROVED OTHERWISE BY THE ENGINEER
- PAVEMENT UNDERDRAIN MATERIAL AND BACKFILL WITH ALL BACKFILL MATERIAL DATA INCLUDED IN THE SUBMITTAL BEING DATED WITHIN 60 DAYS OF THE SUBMITTAL UNLESS APPROVED OTHERWISE BY THE ENGINEER
- PAVEMENT MIX DESIGNS SUBMITTED FOR REVIEW BY THE ENGINEER MUST FOLLOW THE CURRENT MDOT REVIEW CHECKLISTS AS SUMMARIZED BELOW AND ALL MATERIAL DATA INCLUDED IN THE SUBMITTAL BEING DATED WITHIN 60 DAYS OF THE SUBMITTAL UNLESS APPROVED OTHERWISE BY THE ENGINEER:
- · 8.1. CONCRETE MIX DESIGN REVIEW CHECKLIST (FORM 2000) · 8.2. SUPERPAVE MIX DESIGN CHECKLIST (FORM 1862)
- ANY ITEMS SHOWN IN THE PLANS OR DETAIL SHEETS THAT SPECIFICALLY STATE FOR THE CONTRACTOR TO SUBMIT A SHOP DRAWING TO THE ENGINEER FOR REVIEW. THESE ITEMS INCLUDE, BUT ARE NOT LIMITED TO:
- •• RETAINING WALL MATERIAL AND STRUCTURAL CALCULATIONS

· 8.3. MARSHALL MIX DESIGN CHECKLIST (FORM 1849)

- TRENCH DRAIN MATERIAL AND SHOP DRAWING DEPICTING THE LAYOUT OF THE SYSTEM
- ANY SPECIALITY ITEMS SHOWN IN THE PLANS OR DETAIL SHEETS THAT SPECIFICALLY DO NOT STATE FOR THE CONTRACTOR SHALL SUBMIT A SHOP DRAWING TO THE ENGINEER FOR REVIEW BUT THE CONTRACTOR REQUESTS TO BE REVIEWED. THE CONTRACTOR'S REQUEST FOR REVIEW MUST BE IN WRITING AND APPROVED BY THE ENGINEER PRIOR TO SUBMITTING THE INFORMATION.

PLASTIC END CAP -

1-9/32" DIAMETER x 1'-6"

9" ±3/8"

1-1/4" DIAMETER BAR IN 1-9/32"

DIAMETER HOLLOW PLASTIC TUBE (TYP.)

PLASTIC TUBE METHOD

SEALANT PER ASTM C-920 (SIKAFLEX-2C SL OR EQUAL).

-1/4" DIAMETER x 1-6" LONG

EPOXY COATED SMOOTH DOWEL BAR

FULL DEPTH SAW CUT FACE SHALL

REMOVE ONE HALF OF PLASTIC TUBE AND CONCRETE PRIOR TO PLACING NEW PAVEMENT

SECOND POUR (SEE NOTES)

#9 x 1'-6" LONG EPOXY COATED DEFORMED BAR

ALL DOWELS TO BE EPOXY COATED PRIOR TO

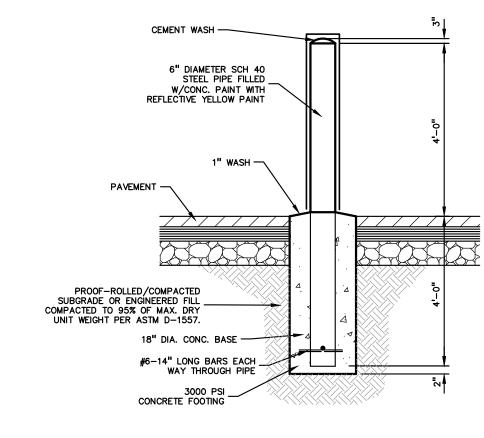
SPLIT HEADER METHOD

PAVEMENT CONSTRUCTION JOINT DETAILS

<u>PLAN SYMBOL - H</u>

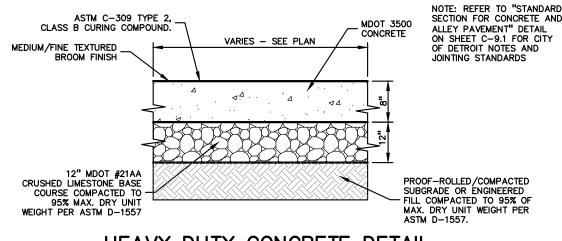
SECOND POUR

(SEE NOTES)





6" DIA. GUARD POST DETAIL



CONSTRUCTION JOINT NOTES:

BE CONSTRUCTED WHEN IT IS

ANTICIPATED THAT THE SECOND

JOINT (SPLIT HEADER METHOD) OR

USED AT THE END OF THE DAY'S

ONE-HALF HOUR AND LESS THAN

TRANSVERSE END OF POUR JOINT

POUR OR WHEN THERE IS AN

THE WORK FOR MORE THAN

UNAVOIDABLE INTERRUPTION OF

7 DAYS. THE JOINT SHALL BE

CONSTRUCTED ACCORDING TO

(SPLIT HEADER METHOD) OR

3. DEFORMED BARS FOR TRANSVERSE

END OF POUR JOINTS (DRILLED IN

METHOD) SHALL BE GROUTED OR EPOXIED INTO EXISTING PAVEMENT.

(PLASTIC TUBE METHOD).

(PLASTIC TUBE METHOD) SHALL BE

JOINT (DRILLED IN METHOD), SHALL

1. A TRANSVERSE END OF POUR

2. A TRANSVERSE END OF POUR

LONGER.



HEAVY DUTY CONCRETE DETAIL

COATED DEFORMED BAR (GROUT IN PLACE)

- AND PERPENDICULAR 1

EDGE OF ROADWAY

FIRST POUR

DIAMETER HOLE

1-3/8"

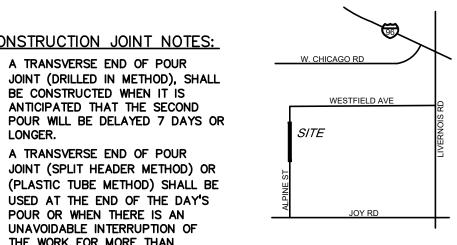
#9 EPOXY COATED DEFORMED BAR IN 1 3/8" DIAMETER HOLD (TYP.)

DRILLED IN METHOD

SECOND POUR (SEE

NOTES) OR EXISTING SLAB

CAUTION THE LOCATIONS AND ELEVATIONS OF EXISTING UNI JTILITIES AS SHOWN ON THIS DRAWING ARE ONLY APPROXIMATE. NO GUARANTEE IS EITHER EXPRESSED OR IMPLIED AS TO THE COMPLETENESS OR ACCURACY THEREOI HE CONTRACTOR SHALL BE EXCLUSIVELY RESPONSIBLE FOR DETERMINING THE EXACT UTILITY LOCATIONS AND ELEVATION PRIOR TO THE START OF CONSTRUCTION.



MIX CONCRETE 9189 CENTRAL STREET DETROIT, MICHIGAN 48204

PROJECT TITLE **ALPINE STREET**

CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

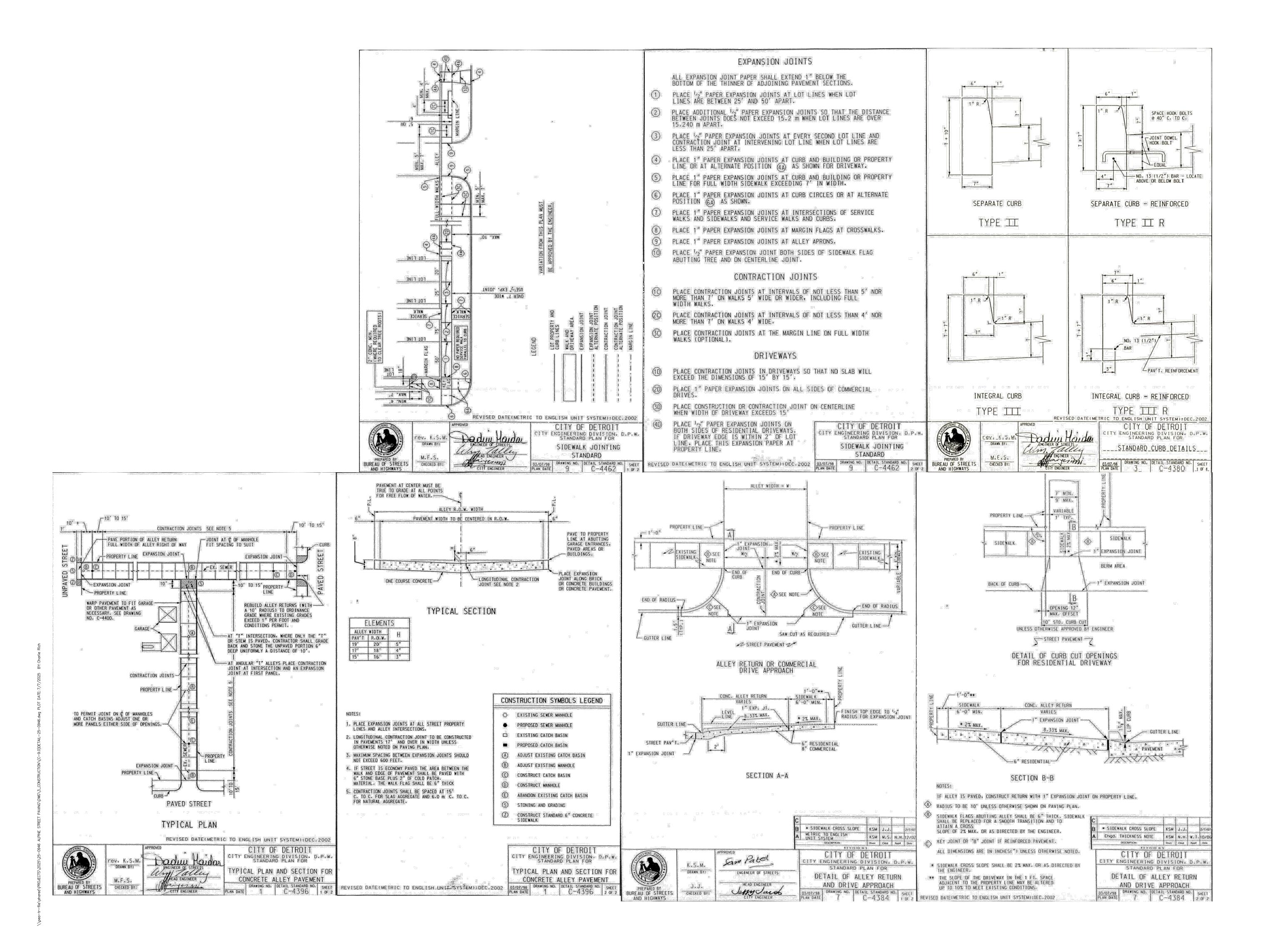
ORIGINAL ISSUE DATE:

DRAWING TITLE **NOTES AND DETAILS**

JULY 7, 2025

PEA JOB NO. 25-0946 JRW

DRAWING NUMBER:



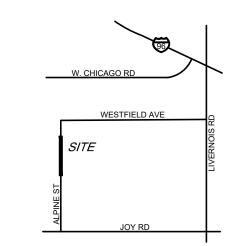






CAUTION!!

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CLIENT

DETROIT READY
MIX CONCRETE
9189 CENTRAL STREET
DETROIT, MICHIGAN 48204

PROJECT TITLE

ALPINE STREET
PAVING
ALPINE STREET
CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

REVISIONS
ORIGINAL ISSUE DATE: JULY 7, 2025

CITY OF
DETROIT
STREET AND
ALLEY DETAILS

PEA JOB NO. 25-0946

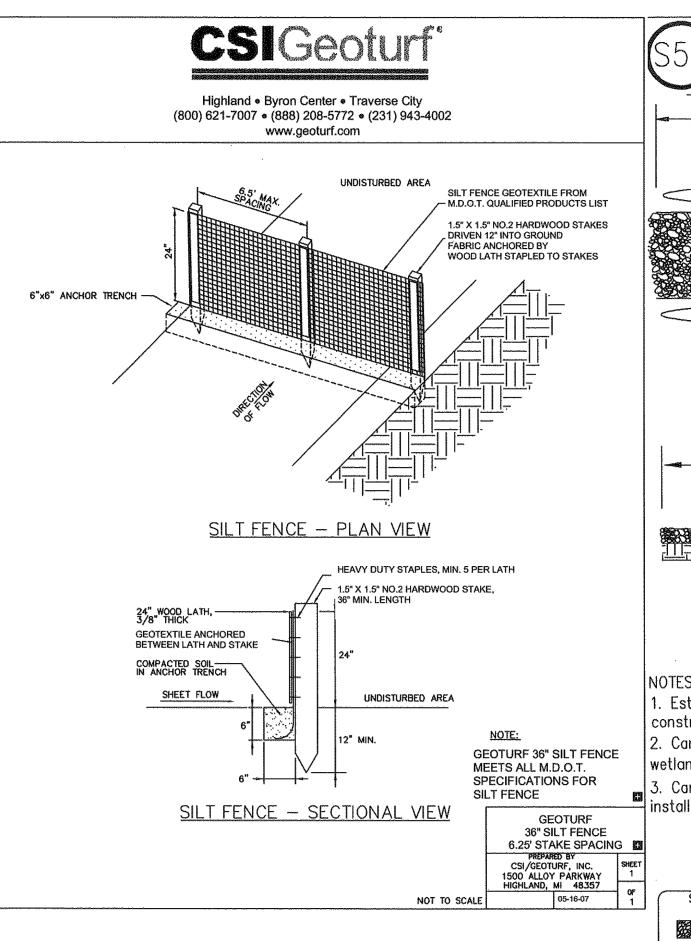
P.M. ESB

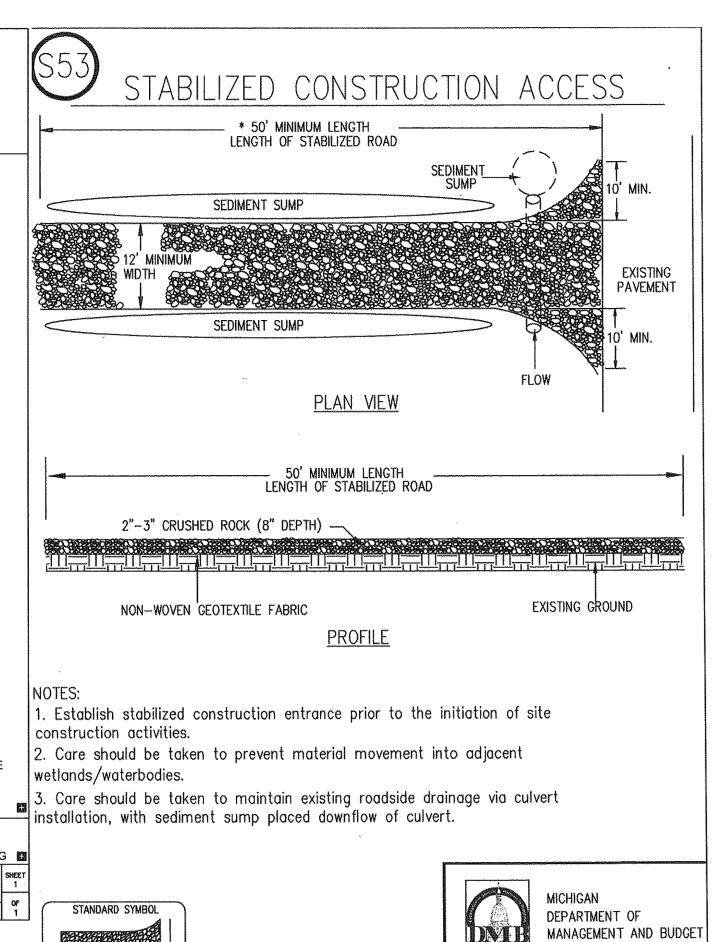
DN. CNR

DES. JRW

DRAWING NUMBER:

C-9.1





REARYARD INLET FILTER

SedCatch® SedCage@ Yard Inlet Protection

SIZING INSTRUCTIONS: MEASURE THE DIAGONAL DIMENSION OF THE GRATE. SELECT A CAGE THAT IS AT LEAST 1" LARGER. FLOOD WATER OPENING SIZES: GEOTEXTILE TUCKED UNDER ALL FOUR SIDES OF GRATE.

COMPATIBLE GRATES:

A SedCage®IS COMPATIBLE WITH ALL GRATES IN WHICH THE EDGES OF THE GRATE ARE SUPPORTED BY A LEDGE.

FITS SQUARE GRATES FROM 12" X 12" THROUGH 22" X 22"
FITS ROUND GRATES FROM 8" DIA, THROUGH 24" DIA,
FITS RECTANGULAR GRATES WITH A DIAGONAL
BETWEEN 17" AND 31" (a² +b² =c²)

32" SedCage®

FITS SQUARE GRATES FROM 19" X 19" THROUGH 29" X 29"
FITS ROUND GRATES FROM 19" DIA, THROUGH 30" DIA,
FITS RECTANGULAR GRATES WITH A DIAGONAL
BETWEEN 28" AND 41" (a² +b² =c²)

42" SedCage®

FITS SQUARE GRATES FROM 24" X 24" THROUGH 36" X 36" FITS ROUND GRATES FROM 24" DIA. THROUGH 40" DIA. FITS RECTANGULAR GRATES WITH A DIAGONAL BETWEEN 32" AND 53" (o² +b² =c²)

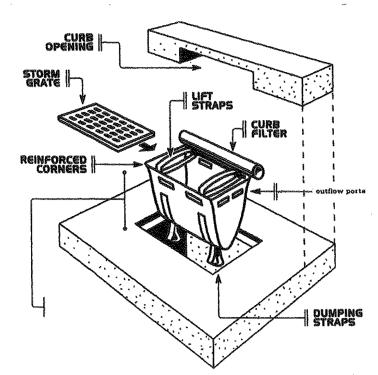
54" SedCage®

FITS SQUARE GRATES FROM 27" X 27" THROUGH 42" X 42"
FITS ROUND GRATES FROM 28" DIA. THROUGH 48" DIA.
FITS RECTANGULAR GRATES WITH A DIAGONAL.
BETWEEN 44" AND 61" (o² +b² =c²)
62" SedCage®

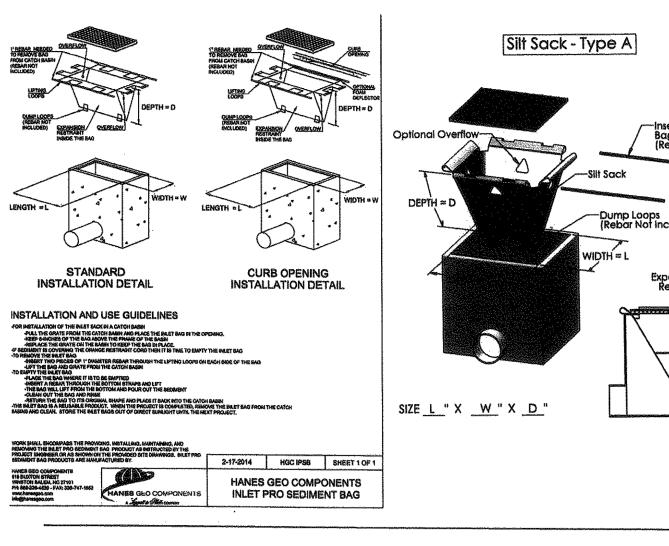
CUSTOM SIZES AVAILABLE

COSTOM SISES WANTABLE

PAVED STORM SEWER INLET FILTER HIGHFLOW-SACKTYPE FILTER WITH OVERFLOW



Page 6



CSIGeoturf

Down to Earth Solutions
Professional Construction, Turf, and Landscape Supplies
CIVIL SITE IMPROVEMENTS - EROSION & SEDIMENT CONTROL - STORMWATER MANAGEMENT - LANDSCAPE ENHANCEMENTS

Geoturf® Filter Bag

Whenever accumulated water on a construction site must be pumped, utilize filter bags to ensure the water is properly filtered of silt and sediment prior to discharge into receiving bodies. Filter bags are constructed of strong, high quality nonwoven geotextile filter fabric with a fill port to accommodate a pump discharge hose. The filter bags permit a controlled outflow of water, while retaining harmful pollutants.

Size 15' x 20' x 8"
Snout Size 8"
Holding Capacity 15 Cubic Yds.

Meets the requirements of MDOT Item 208 Erosion Control Filter Bag



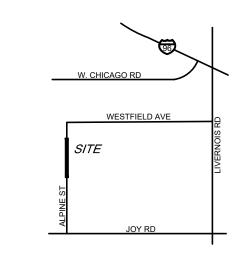


GROUP



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CLIENT

DETROIT READY MIX CONCRETE 9189 CENTRAL STREET DETROIT, MICHIGAN 48204

PROJECT TITLE

ALPINE STREET
PAVING
ALPINE STREET
CITY OF DETROIT, WAYNE COUNTY, MICHIGAN

REVISIONS

ORIGINAL ISSUE DATE: JULY 7, 2025

DRAWING TITLE

WAYNE COUNTY SOIL EROSION CONTROL DETAILS

PEA JOB NO. 25-0946

P.M. ESB

DN. CNR

DES. JRW

DRAWING NUMBER:

C - 9.2