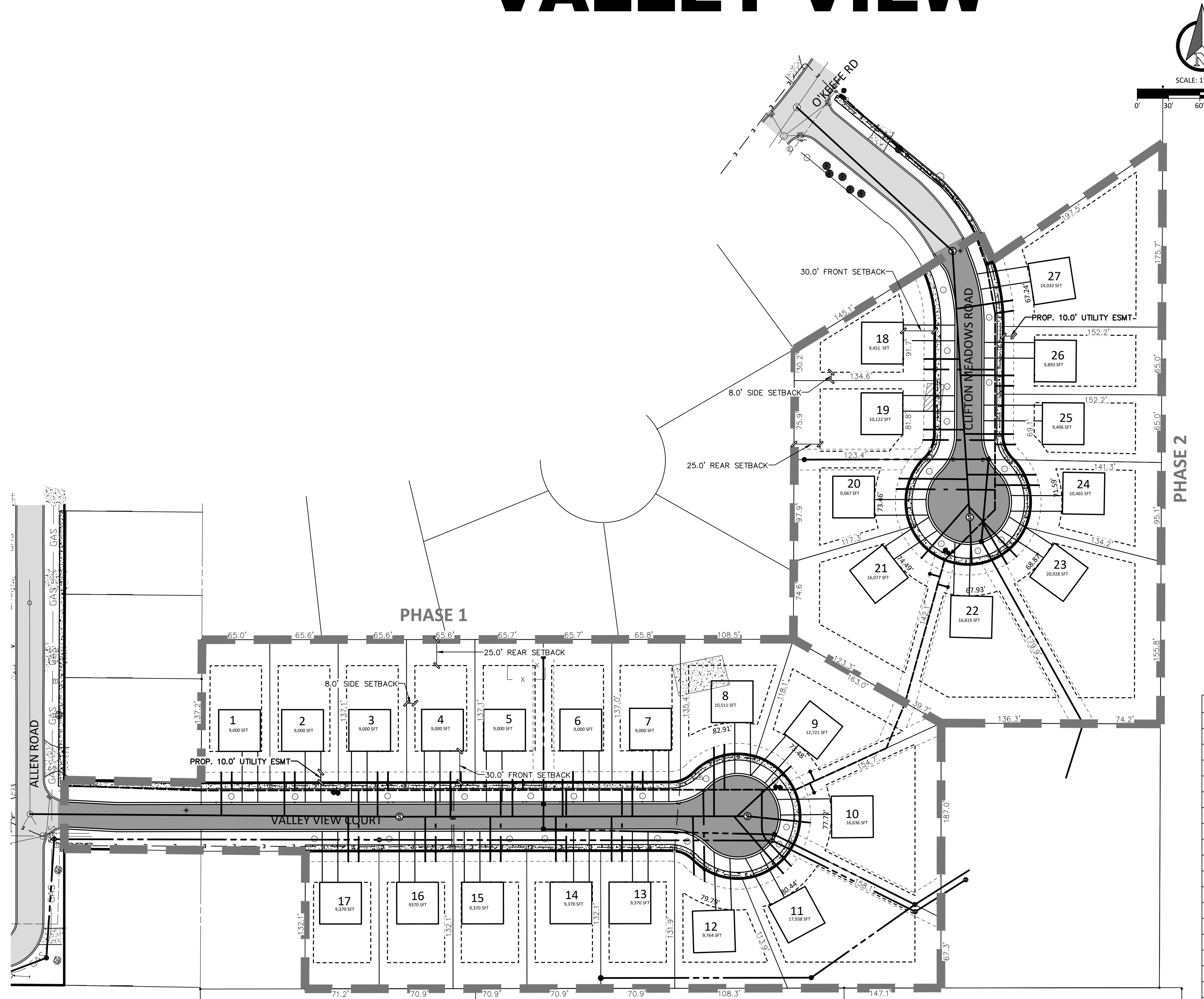


# CITY OF MARSHALL

## CALHOUN COUNTY, MICHIGAN

# VALLEY VIEW



PLAN INDEX	
Sheet No.	Description
COVER	TITLE SHEET
C100	EXISTING CONDITIONS
C400	GRADING PLN
C401	PLAN & PROFILE
C402	WATERMAIN PROFILE
C500	PROJECT DETAILS
L100	LANDSCAPE PLAN

LOT #	LOT AREA (SF)	MIN. LOT WIDTH
1	9,000	65.0
2	9,000	65.6
3	9,000	65.6
4	9,000	65.6
5	9,000	65.7
6	9,000	65.7
7	9,000	65.8
8	10,511	82.9
9	12,721	73.5
10	16,636	77.7
11	17,938	80.4
12	9,764	79.8
13	9,370	70.9
14	9,370	70.9
15	9,370	70.9
16	9,370	70.9
17	9,730	71.2
18	9,451	91.7
19	10,122	81.8
20	9,067	73.5
21	16,077	74.5
22	16,819	97.9
23	20,928	68.9
24	10,465	71.6
25	9,496	69.1
26	9,893	65.0
27	19,032	67.2

ZONING REQUIREMENTS  
MINIMUM LOT WIDTH FOR SINGLE FAMILY R-2 = 9,000 SF  
MINIMUM WIDTH R-2 = 65'  
MINIMUM FRONT SETBACK R-2 = 30'  
MINIMUM REAR SETBACK R-2 = 25'  
MINIMUM SIDE SETBACK R-2 = 8'

OWNER  
GREEN DEVELOPMENT VENTURES, LCC  
MICHAEL WEST  
616-299-3244  
MWEST@ALLENEDWIN.COM

DESIGN ENGINEER  
VK CIVIL  
DAN LEWIS, P.E.  
269-697-7120  
DAN@VKCIVIL.COM



Know what's below.  
Call before you dig.

NOTE:  
ALL UTILITIES SHOWN ARE APPROXIMATE LOCATIONS DERIVED FROM  
ACTUAL MEASUREMENTS AND AVAILABLE RECORDS. THEY SHOULD  
NOT BE INTERPRETED TO BE THE EXACT LOCATION NOR SHOULD IT  
BE ASSUMED THAT THEY ARE THE ONLY UTILITIES IN THIS AREA.

NO.	DATE	REVISION	BY
1	3/26/2024	PRELIMINARY PLAN	NEF
2	4/9/2024	50% PLAN	NEF
3	5/6/2024	75% PLAN	NEF
4	5/24/2024	95% PLAN	NEF
5	6/24/2024	PER CITY REVIEW	NEF
6	7/25/2024	FOR CITY	NEF

CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN  
VALLEY VIEW #1  
TITLE SHEET



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FILE NO.	1337
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Sheet No.	C000



### CONTROL MEASURE KEY

**2 P** SELECTIVE GRADING & SHAPING, PERMANENT

**7 P** HYDROSEEDING, PERMANENT. TYPICAL IN ALL NON-PAVED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES

**14 t** AGGREGATE COVER, TEMPORARY. TYPICAL ON ALL STREETS DISTURBED BY CONSTRUCTION ACTIVITIES

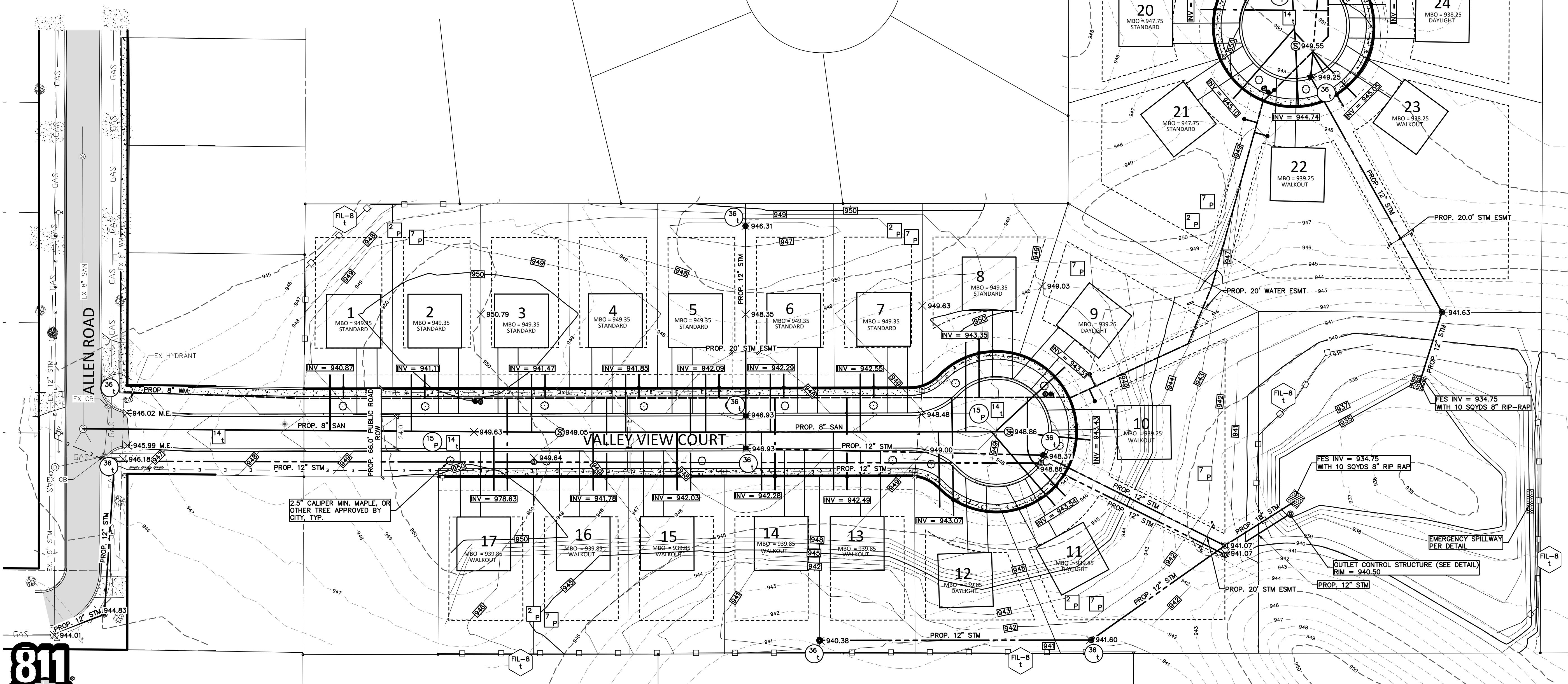
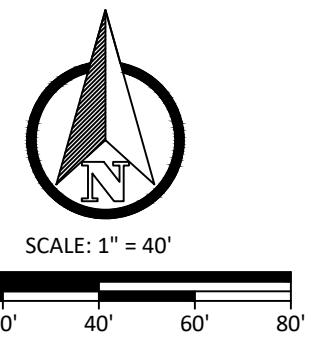
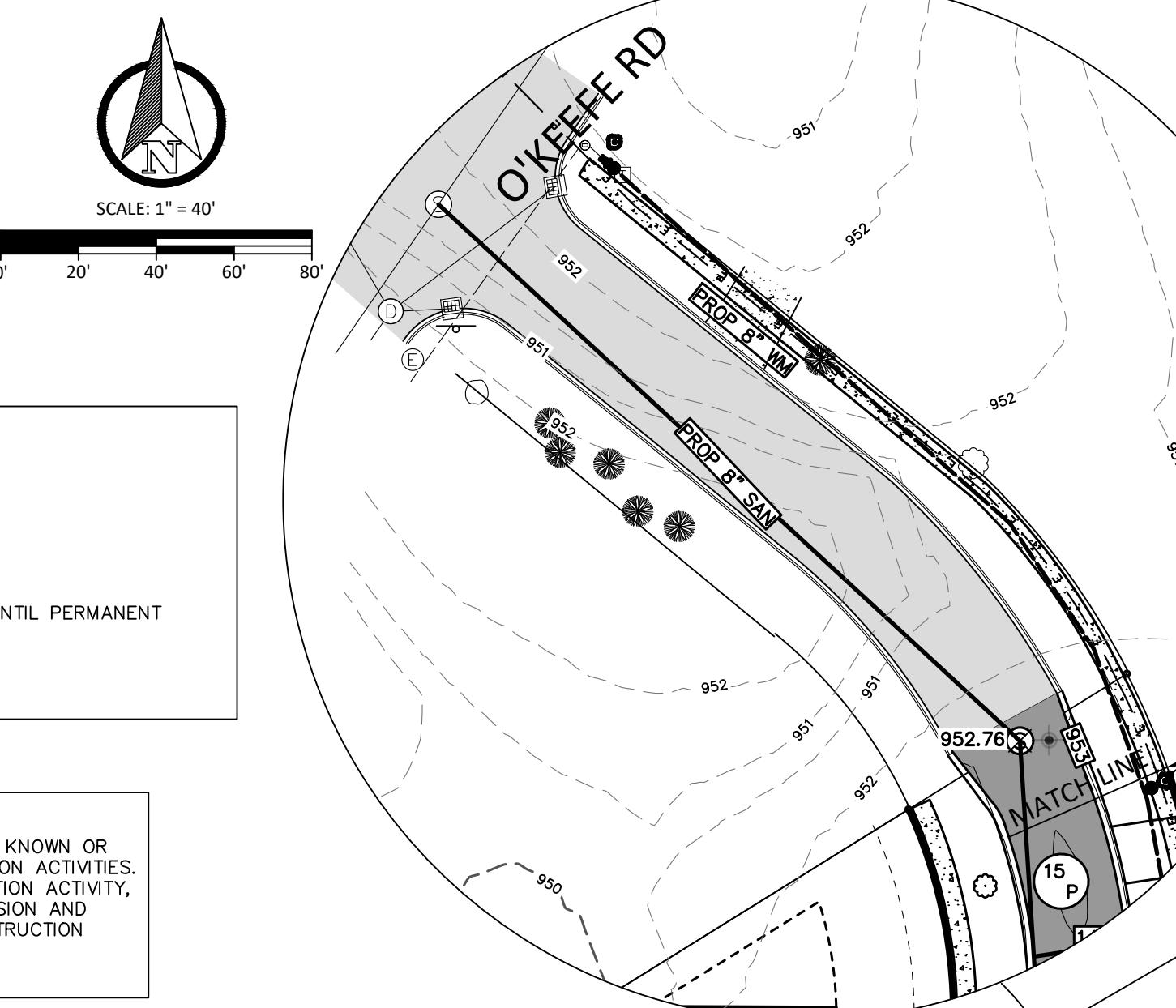
**15 P** PAVING, PERMANENT, TYPICAL ON ALL STREETS DISTURBED BY CONSTRUCTION ACTIVITIES.

**36 t** SILTSACK, TEMPORARY, TYPICAL AT ALL CATCH BASINS WITHIN OR DISTURBED BY CONSTRUCTION ACTIVITIES

**FIL-8 t** FILTER BMP EXHIBIT 8A, SILT FENCE, TEMPORARY. TYPICAL IN ALL AREAS, ESPECIALLY ADJACENT TO STREAMS, PONDS, ETC. AND ALONG PROJECT UNITS.

**GA** DENOTES GRAVEL ACCESS APPROACH. APPROACH SHALL BE INSTALLED TO PROVIDE STABLE ACCESS TO ROADWAYS AND MINIMIZE DUST AND TRACKING OF MATERIALS ONTO PUBLIC STREETS AND HIGHWAYS. THE APPROACH SHALL BE A MIN. OF 12' WIDE, 6" DEEP, AND CONSIST OF 2"-4" AGGREGATE.

NOTE:  
SOIL EROSION AND SEDIMENTATION CONTROL MEASURES INDICATED ARE KNOWN ANTICIPATED CONTROL MEASURES NEEDED DURING TYPICAL CONSTRUCTION ACTIVITIES. ADDITIONAL CONTROL MEASURES MAY BE REQUIRED DUE TO CONSTRUCTION ACTIVITIES, LOCATION, SOIL TYPE, WEATHER EVENT, ETC. ALL ADDITIONAL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE INCIDENTAL TO THE CONSTRUCTION CONTRACT.



**Know what's below.  
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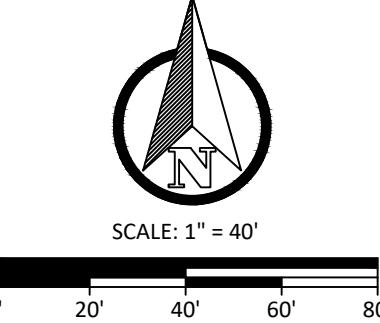
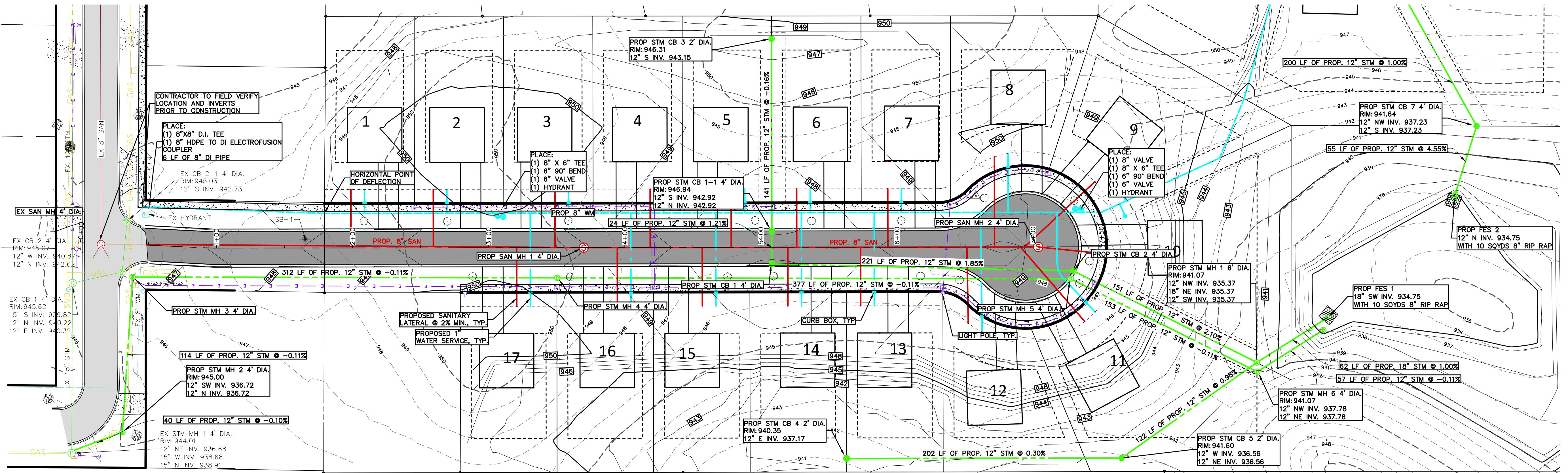
NO.	DATE	REVISION	
1	3/26/2024	PRELIMINARY PLAN	
2	4/9/2024	50% PLAN	
3	5/6/2024	75% PLAN	
4	5/24/2024	95% PLAN	
5	6/24/2024	PER CITY REVIEW	
6	7/25/2024	FOR CITY	

**CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN**

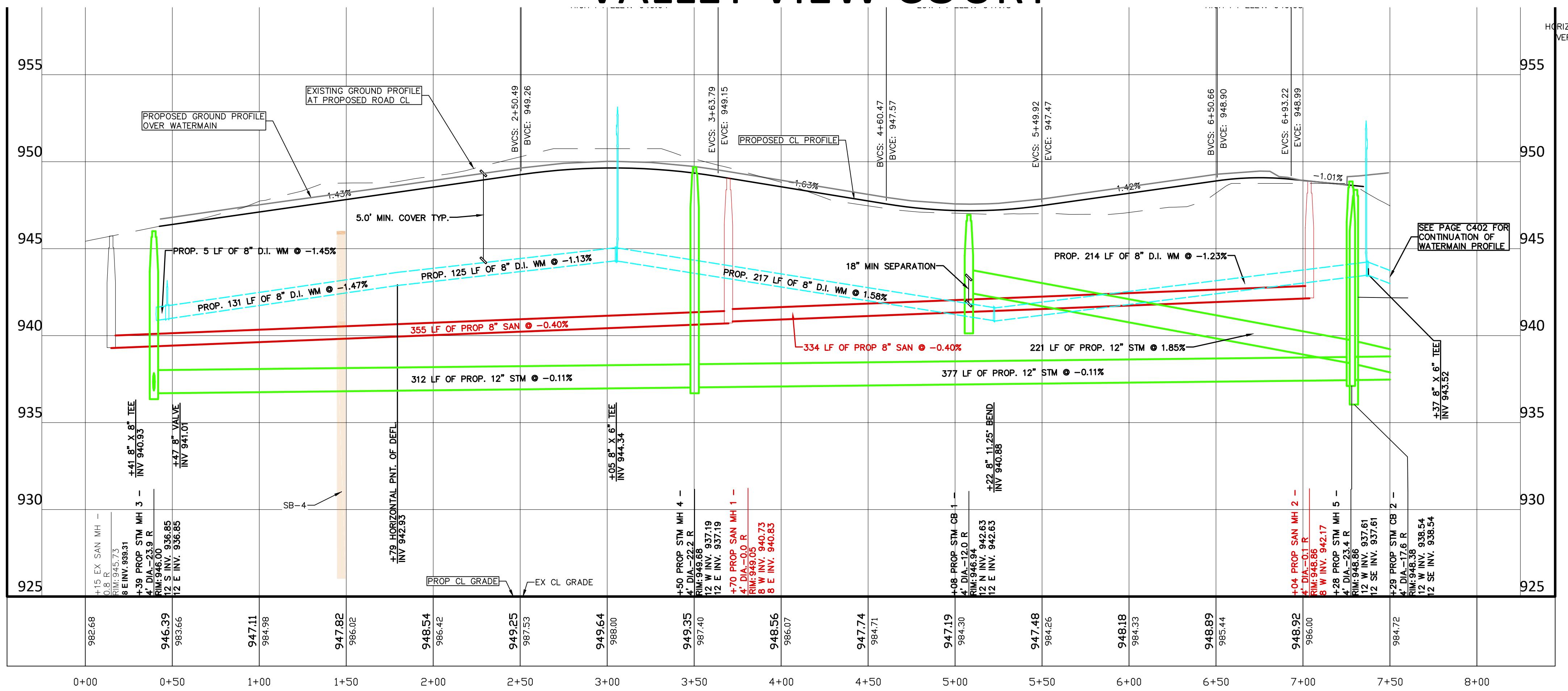


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& Korhorm

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## VALLEY VIEW COURT



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Colin Finch

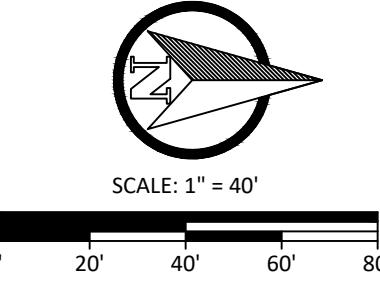
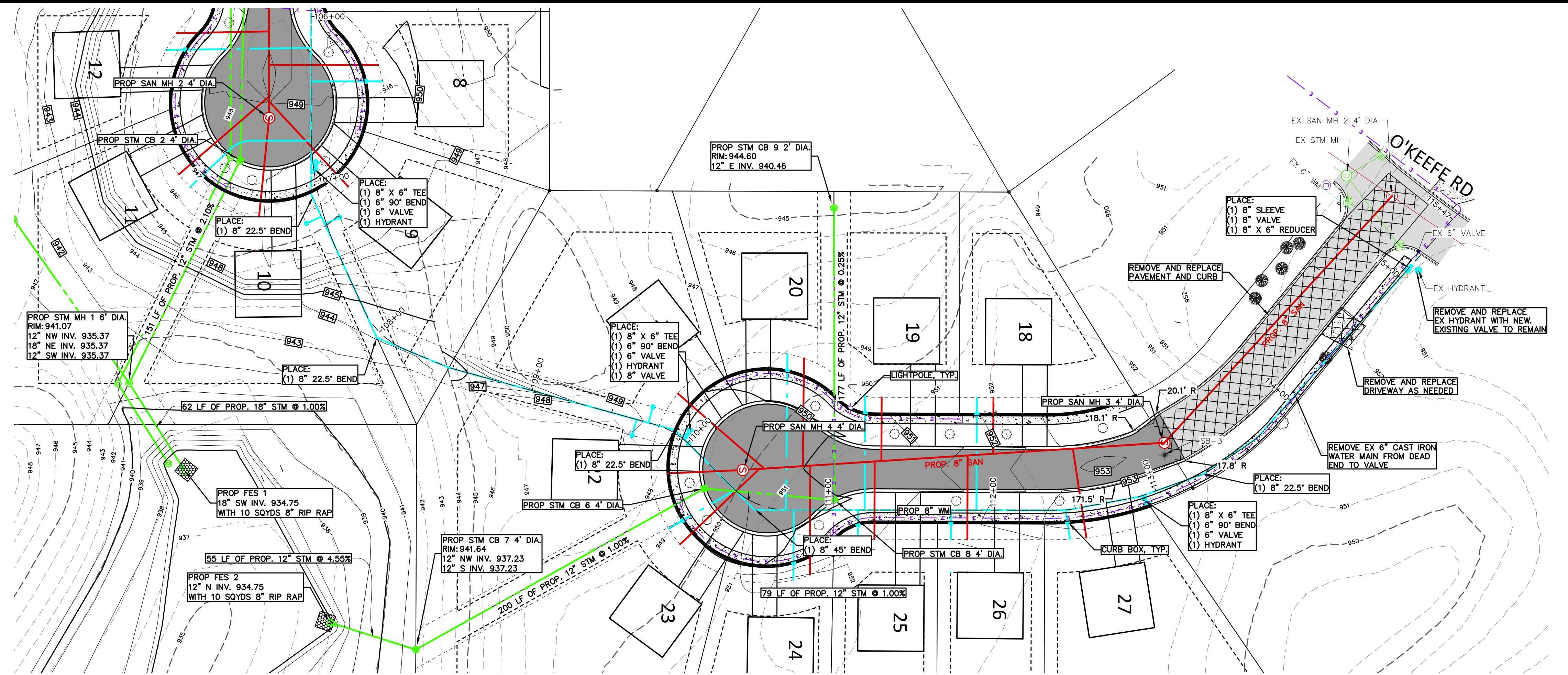
NO.	DATE	REVISION	BY
1	3/26/2024	PRELIMINARY PLAN	NEF
2	4/9/2024	50% PLAN	NEF
3	5/6/2024	75% PLAN	NEF
4	5/24/2024	95% PLAN	NEF
5	6/24/2024	PER CITY REVIEW	NEF
6	7/25/2024	FOR CITY	NEF

CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN  
VALLEY VIEW #1  
PLAN & PROFILE

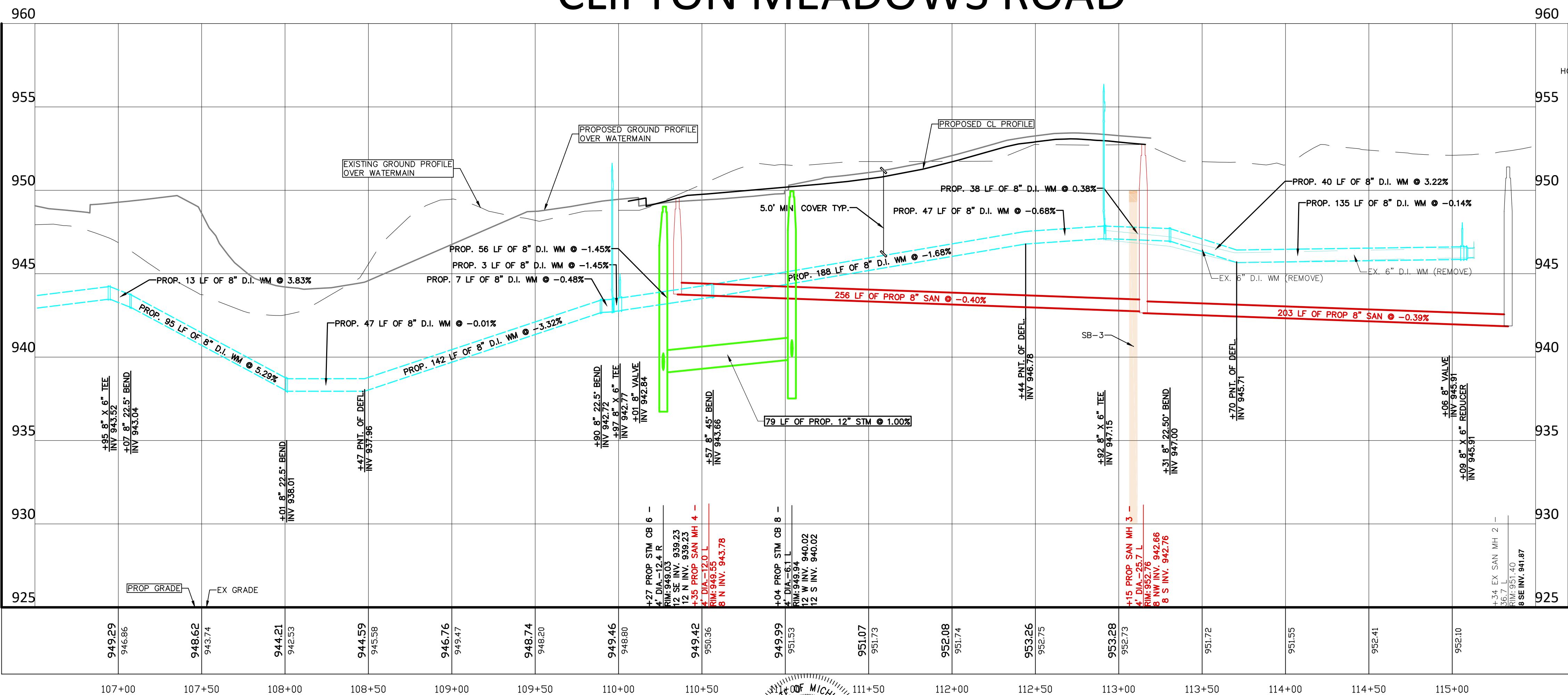


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# CLIFTON MEADOWS ROAD



**Know what's below.  
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A circular professional engineer license seal. The outer ring contains the text "STATE OF MICHIGAN" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by a star. The inner circle contains "COLIN FINCH" in large letters, "ENGINEER" in smaller letters below it, and "NO. 6201064514" at the bottom. The entire seal is signed "Colin Finch" in cursive at the bottom.

NO.	DATE	REVISION	REMARKS
1	3/26/2024	PRELIMINARY PLAN	Initial plan for the project.
2	4/9/2024	50% PLAN	Mid-term review and update.
3	5/6/2024	75% PLAN	Advanced planning phase.
4	5/24/2024	95% PLAN	Final planning phase.
5	6/24/2024	PER CITY REVIEW	Review and analysis by city.
6	7/25/2024	FOR CITY	Final implementation phase.

**CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN**



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FILE NO.	1337
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**SITE LAYOUT NOTES:**

- 1) ALL WORK SHALL BE DONE TO ALL FEDERAL, STATE, AND LOCAL LAWS, RULES, AND REGULATIONS.
- 2) ALL WORK WITHIN ROW SHALL BE DONE ACCORDING WITH LOCAL ROADWAY JURISDICTION REQUIREMENTS.
- 3) CONTRACTOR SHALL RESTORE ALL STREET SURFACES, DRIVEWAYS, CULVERTS, ROADSIDE DRAINAGE, AND OTHER INFRASTRUCTURE DISTURBED OR DAMAGED DUE TO CONSTRUCTION ACTIVITIES TO THE ORIGINAL CONDITIONS.
- 4) ALL DEBRIS SHALL BE REMOVED FROM THE SITE, AND NO STOCKPILING ON SITE SHALL BE ALLOWED UNLESS APPROVED BY OWNER.
- 5) THE CONTRACTOR SHALL LIMIT SAWCUT AND PAVEMENT REMOVAL TO ONLY THOSE AREAS WHERE REQUIRED OR AS SHOWN. ALL PAVEMENTS TO BE REMOVED SHALL BE SAWCUT AND REMOVED TO FULL DEPTH AT ALL PAVEMENT LIMITS OR EXISTING JOINTS. IF ANY DAMAGE IS FOUND TO EXIST, THE CONTRACTOR SHALL REPAIR IT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ITS REMOVAL AND REPAIR AT NO ADDITIONAL COST.
- 6) CONTRACTOR SHALL CONTACT MISS DIG THREE WORKING DAYS BEFORE YOU DIG. CALL MISS DIG AT 1-800-482-7171 OR 811.
- 7) ALL WORK SHALL BE DONE TO THE MICHIGAN HANDICAPPED ACCESSIBILITY CODE AND THE AMERICANS WITH DISABILITIES ACT.
- 8) ADA PARKING SPACES SHALL BE MARKED WITH APPROVED PAVEMENT SYMBOL. MARK ADA SPACES WITH THE PART OF THE PAVEMENT THAT MEETS ADA STANDARDS.
- 9) CONTRACTOR SHALL ENSURE ALL ADA RAMPS AND ACCESS MEET CURRENT ADA STANDARDS. IF IT IS DISCOVERED THAT ANY ITEMS WILL NOT MEET ADA STANDARDS IT SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.
- 10) ALL SIGNAGE SHALL BE PER MDOT AND MMTDC STANDARDS.
- 11) THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS, PERMIT COSTS, DEMOLITION PERMITS, TAP FEES, ASSESSMENTS, UTILITY PERMITS, ROW PERMITS, BONDS, INSURANCE, OR OTHERS ASSOCIATED WITH CONSTRUCTION.
- 12) SITE CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF A MINIMUM 4000 PSI AND SHALL HAVE LUMSTONE AGGREGATE AND SHALL HAVE A 5.5% - 8% AIR ENTRAINMENT WITH A BROOM FINISH.
- 13) INSTALL EXPANSION JOINTS AT ALL LOCATIONS WHERE CONCRETE ABUTS HMA PAVEMENT.
- 14) CONTRACTOR SHALL REVIEW THE GEOTECHNICAL AND ENVIRONMENTAL REPORTS FOR THE SITE AND INCORPORATE INTO THEIR CONSTRUCTION MEANS AND METHODS.
- 15) THESE DRAWINGS HAVE BEEN DEVELOPED FOR ELECTRONIC FIELD SURVEY LAYOUT DIMENSIONS SHOULD BE USED FOR ELECTRONIC PRESENTATION ONLY AND SHOULD NOT BE USED FOR LAYOUT. CONTACT THE ENGINEER IF ANY DISCREPANCIES BETWEEN THE PLAN AND ELECTRONIC DATA ARE DISCOVERED.
- 16) THE WORK LIMITS SHOWN ON THESE PLANS ARE FOR PHYSICAL CONSTRUCTION ONLY. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY LIGHTS, BARRICADES, FLAGMAN, ETC. AS REQUIRED TO PERFORM THE WORK AND MAINTAIN THE OPERATION OF THE TEMPORARY TRAFFIC CONTROL AND TEMPORARY SAFETY CONSIDERATIONS SHALL BE PROVIDED BY THE CONTRACTOR WHETHER INSIDE OR OUTSIDE THESE WORK LIMITS.
- 17) THE CONTRACTOR SHALL PROTECT LOCATION OF ALL PROPERTY MARKERS AND BENCHMARKS.
- 18) THE CONTRACTOR IS RESPONSIBLE FOR ALL SIGNS, BARRICADES, AND SAFETY FENCES TO DETER PEOPLE FROM ENTERING WORK AREAS AND FOR MAINTAINING AND PROTECTING THE FLOW OF TRAFFIC AND PEDESTRIAN TRAFFIC ALONG THE JOB SITE. TRAFFIC CONTROLS SHALL BE COORDINATED WITH THE LOCAL POLICE DEPARTMENT AND MUNICIPALITY.
- 19) PRIOR TO CONSTRUCTION OR GRADING A PROTECTIVE BARRIER, FENCE, POST, AND SIGNS CLEARLY INDICATING LIMITS OF DISTURBANCE SHALL BE INSTALLED INDICATING NO TREE REMOVAL OR DISTURBANCES OUTSIDE LIMITS.
- 20) NO WORKING ON CONTRACTOR OR SUBCONTRACTOR SHALL BE ALLOWED ON PUBLIC STREETS WITHOUT PRIOR APPROVAL.
- 21) NO BUILDING MATERIAL, EQUIPMENT, VEHICLES, OR CHEMICALS SHALL BE STORED OR PLACED OUTSIDE OF THE LIMITS OF DISTURBANCE.
- 22) CONSTRUCTION NOISE SHALL BE KEPT TO A MINIMUM DURING NIGHTTIME HOURS AND MUST COMPLY WITH LOCAL MUNICIPAL ORDINANCES.
- 23) ALL VERTICAL FACE OF CURBS SHALL BE PAINTED YELLOW WHEN BETWEEN 0 AND 6 INCHES TALL.

**GRADING PLAN NOTES:**

- 1) SOILS EXPOSED IN THE BASE OF ALL SATISFACTORY FOUNDATION EXCAVATIONS SHOULD BE PROTECTED AGAINST ANY DILETICIAL CHANGES IN CONDITION SUCH AS FROM DISTURBANCE, RAIN, AND FREEZING. SURFACE RUN-OFF WATER SHOULD BE DRAINED AWAY FROM THE EXCAVATION AND NOT ALLOWED TO POND. IF POSSIBLE, ALL FOOTING CONCRETE SHOULD BE POURED THE SAME DAY THE EXCAVATION IS MADE. THIS IS NOT PRACTICAL, THE FOOTING EXCAVATION SHOULD BE ADEQUATELY PROTECTED.
- 2) REMOVE ALL EXPOSED MATERIALS, EXCAVATE SOILS BY GRAINS, FREEZING, OR CONSTRUCTION TRAFFIC, ETC. AND REPLACE WITH COMPACTED GRANULAR FILL.
- 3) ALL CONSTRUCTION METHODS SHALL BE DONE IN COMPLIANCE WITH MDOT-EGLE. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING A "SOIL EROSION PERMIT" FROM THE COUNTY AND A "PERMIT BY RULE/NOTICE OF COVERAGE" FROM EGLE IF APPLICABLE. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL REQUIREMENTS OF THE COUNTY "SOIL EROSION PERMIT" AND FOR ALL CERTIFIED STORM WATER INSPECTION SERVICE REQUESTED BY THE "PERMIT BY RULE." EROSION CONTROL MEASURES SHOWN ON THE PLANS ARE THE MINIMUM REQUIREMENTS AND SHALL NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITY FOR PROVIDING ALL REQUIRED EROSION CONTROL MEASURES.
- 4) AVOID UNNECESSARY DISTURBING OR REMOVING OF EXISTING VEGETATED TOPSOIL OR EARTH COVER, THESE COVER AREAS ACT AS SEDIMENT FILTERS.
- 5) ALL TEMPORARY SOIL EROSION PROTECTION SHALL REMAIN IN PLACE UNTIL REMOVAL IS REQUIRED FOR FINAL CLEAN UP AND APPROVAL.
- 6) GEOTEXTILE FABRIC SHALL BE INSTALLED AS REQUIRED WHEN CROSSING CREEKS OR WHEN ADJACENT TO WETLANDS OR SURFACE WATER BODIES TO PREVENT SEDIMENTATION AND ELSE WHERE AS DIRECTED BY THE ENGINEER. SEEDING AND/OR SODDING SHALL BE INSTALLED ON CREEK BANKS IMMEDIATELY AFTER CONSTRUCTION TO PREVENT EROSION.
- 7) CONTRACTOR SHALL TAKE PRECAUTIONS TO AVOID TRACKING SOIL ONTO ADJACENT ROADWAYS. CONTRACTOR SHALL SWEEP IMMEDIATELY IF THIS OCCURS.
- 8) ANY SOIL EXPOSED AREA SHALL BE LEFT UNWORKED 20 DAYS OR LONGER MUST BE SEEDED TO ESTABLISH VEGETATION FOR TEMPORARY STABILIZATION. BONDS TO BE SEEDED AND MULCH BLANKETS APPLIED IMMEDIATELY TO PROVIDE A STABLE BASE AND AVOID EXCESSIVE EROSION.
- 9) ALL SOIL EROSION CONTROL MEASURES ARE TO BE IN PLACE PRIOR TO THE START OF ANY GRADING.
- 10) ALL NEW PAVED AREAS TO BE TOPSOILED (6" MIN.) & SEEDED
- 11) VARIATION IN EXISTING SOIL CONDITIONS MAY IMPACT THE EARTHWORK QUANTITIES IF UNUSABLE SOILS ARE ENCOUNTERED DURING CONSTRUCTION.
- 12) DUST CONTROL: THE CONTRACTOR SHALL SUPPLY ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY SUCH AS CALCIUM CHLORIDE, WATER OR A MOTORIZED DUST-FREE STREET SWEEPING DEVICE TO MAINTAIN ALL ROADWAYS BEING USED FOR ACCESS TO THE CONSTRUCTION SITE AND SHALL ADHERE TO ALL ORDINANCES OF THE TOWNSHIP, COUNTY, MUNICIPALITY, AND STATE AS DIRECTED.
- 13) IF MUD, SLATE, OR OTHER DEBRIS IS DEPOSITED ON ADJACENT STREETS, ROADS OR OTHER PROPERTY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF SUCH AT THE END OF EACH WORK DAY OR AS REQUIRED DURING THE WORK DAY.
- 14) STORMWATER POLLUTION PREVENTION ITEMS SHALL BE IN PLACE PRIOR TO COMMENCING CLEARING OPERATIONS, EARTHWORK GRADING, OR ANY OTHER TYPE OF CONSTRUCTION ACTIVITIES.
- 15) CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE SOIL EROSION AND SEDIMENT CONTROL PERMIT.
- 16) PLACE TEMPORARY EROSION CONTROL MEASURES PRIOR TO EARTH MOVING ACTIVITIES.
- 17) MULCH BLANKETS SHALL BE PLACED, STAPLED, AND OVERLAPPED ON ALL SLOPES THAT ARE 1 ON 3 OR GREATER AFTER.
- 18) CONTRACTOR TO INSTALL SILT SACK IN ALL CATCH BASINS ONCE THEY ARE CONSTRUCTED.
- 19) ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED BY A CERTIFIED STORM WATER POLLUTION CONTROL CONTRACTOR EVERY 7 DAYS AND AFTER EVERY SIGNIFICANT RAIN EVENT IN ACCORDANCE WITH NPDES PERMIT BY RULE REQUIREMENTS IF APPLICABLE.
- 20) EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED.
- 21) BEST MANAGEMENT PRACTICES WILL BE UTILIZED DURING AND AFTER CONSTRUCTION OF THE PROJECT. MEASURES WILL INCLUDE THE USE OF SILT FENCING, SEEDING AND MULCHING, SEDIMENT INLET FILTERS, COMPACTION AND PAVING. THE OWNER OF THE SUBJECT PARCEL SHALL HAVE THE RESPONSIBILITY TO MAINTAIN THE PERMANENT SOIL EROSION PROTECTION MEASURES.
- 22) ANY POND AREA LABELED AS "INfiltration" OR "RETENTION" SHALL BE CONSTRUCTED IN A MANNER AS TO MINIMIZE COMPACTION OF EXISTING SUBGRADE. CONTRACTOR SHALL PROTECT AREA FROM COMPACTOR PRIOR TO INSTALLATION AND THROUGHOUT CONSTRUCTION. NEED TO ENSURE THAT POND BOTTOM IS NOT COMPACTED. PROTECT FILTER RACKS AND DEBRIS AND ENSURE A SANDY BOTTOM. DO NOT COMPACT SUBGRADE, SEED AND STABILIZE THE BASIN WITH AN MDOT TDS SEED MIXTURE OR MEADOW MIX AS APPROVED BY THE ENGINEER.

**811**

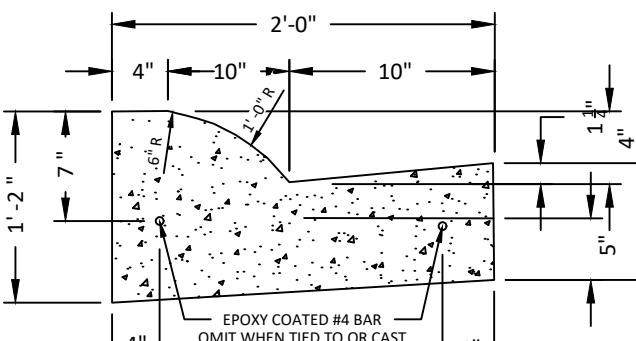
Know what's below.  
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COIN FINCH  
ENGINEER  
NO. 620-64514  
REGISTERED PROFESSIONAL ENGINEER  
Colin Finch

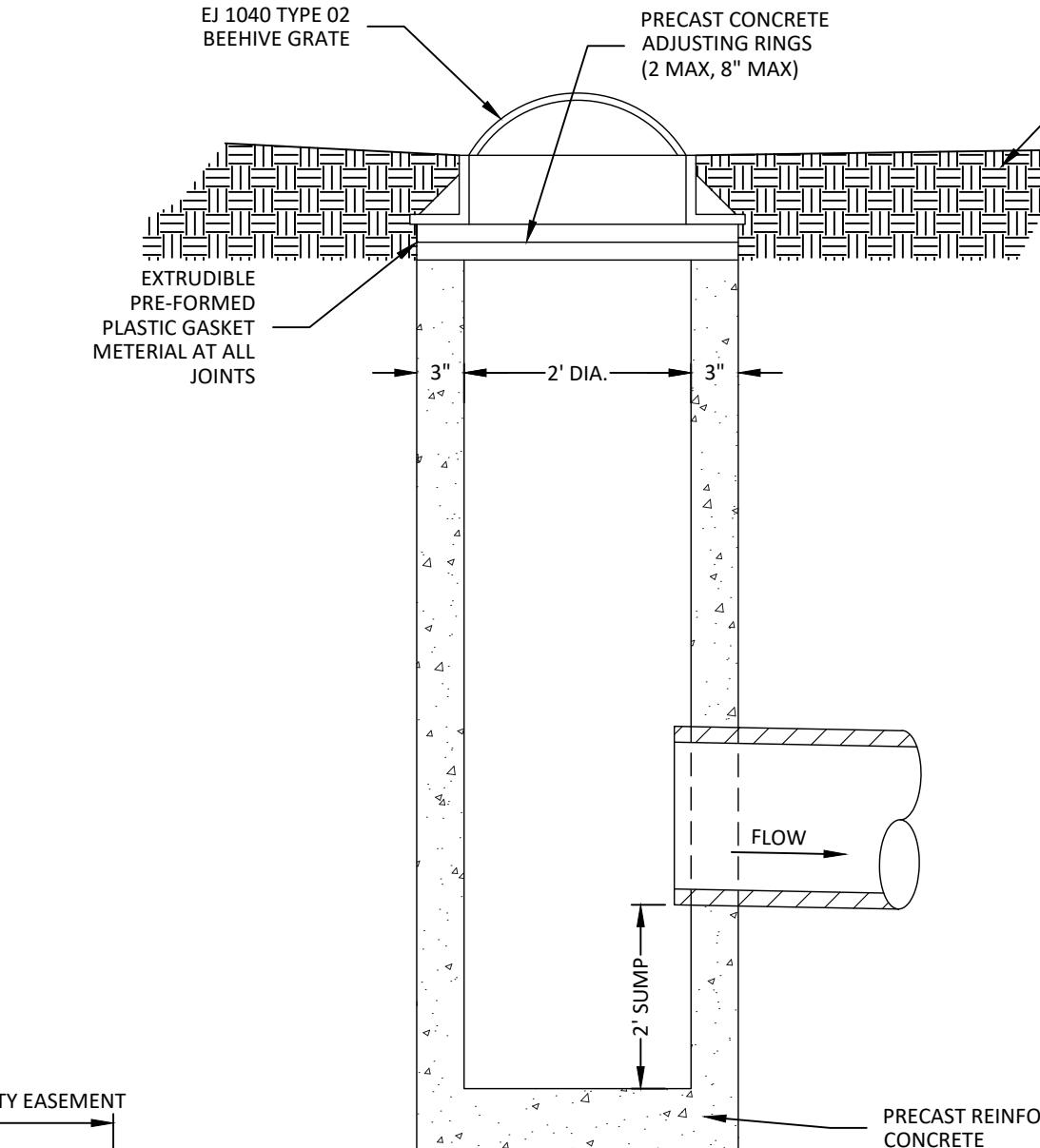
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**UTILITY PLAN NOTES:**

- 1) CONTRACTOR SHALL CONTACT PRIVATE AND PUBLIC UTILITY COMPANIES IF ANY COORDINATION IS NEEDED BETWEEN PROPOSED WORK AND EXISTING UTILITIES.
- 2) UTILITIES SHOWN (IF ANY) ARE APPROXIMATE LOCATIONS DERIVED FROM MEASUREMENTS OR AVAILABLE RECORDS. THIS MAP IS NOT TO BE INTERPRETED AS SHOWING EXACT LOCATION OR SPACING ALONG THE LINE. THE OWNER OR THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL FIELD VERIFY FOR ACCURACY, LOCATION, AND CONDITION.
- 3) ALL WATERMAIN TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL WATER UTILITY STANDARDS AND EGLE STANDARDS.
- 4) ALL SANITARY SEWER TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL SANITARY SEWER UTILITY STANDARDS AND EGLE STANDARDS.
- 5) ALL 6" UNDERDRAIN TO BE CORRUGATED PLASTIC PIPE WITH SOCK, ADS N-12 OR APPROVED EQUAL.
- 6) ALL STORM SEWER SHALL BE SMOOTH LINED CORRUGATED PLASTIC PIPE, ADS N-12 OR EQUAL, UNLESS OTHERWISE LABELED ON THE PLANS.
- 7) ALL EXISTING CASTINGS FOR STRUCTURES TO BE ADJUSTED OR RECONSTRUCTED TO GRADE SURFACE BEING USED DURING THE TIME OF CONSTRUCTION AND MARKED SUITABLE FOR GRAVEAGE AND REUSE OR REPLACEMENT.
- 8) ROOF DRAINS, FOUNDATION DRAINS, AND OTHER CLEAN WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
- 9) CATCH BASINS WITHIN CONCRETE HEAD CURB SHALL HAVE EJ 7045 CASTINGS.
- 10) CATCH BASINS WITHIN BIT VALLEY CURB SHALL HAVE EJ 7065 CASTINGS WITH M1 GRATE.
- 11) CATCH BASINS WITHIN PAVED AREAS SHALL HAVE EJ 1020MI RADIAL FLATE GRATE CASTINGS.
- 12) STORM SEWER MANHOLES SHALL HAVE EJ 1020 CASTINGS WITH SOLID COVERS.
- 13) STORM SEWER YARD DRAINS SHALL HAVE EJ 6508 CASTINGS.
- 14) ROOF DRAINS SHALL BE PVC SCH-40.
- 15) CONTRACTOR IS TO UNCOVER AND VERIFY ALL TAP LOCATIONS AND INVERTS, LOCATION AND INVERT DISCREPANCIES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION FOR RESOLUTION PRIOR TO CONTINUING WORK.
- 16) SANITARY AND STORM STRUCTURES SHALL BE PRECAST AND HAVE A MAXIMUM OF 2 ADJUSTING RINGS FOR FINISH GRADE ADJUSTMENT.
- 17) THE CONTRACTOR SHALL MAINTAIN EXISTING UTILITY SERVICE TO ALL ADJOINING PROPERTIES.



MDOT DETAIL D3  
CONCRETE CURB & GUTTER - MODIFIED  
NOT TO SCALE

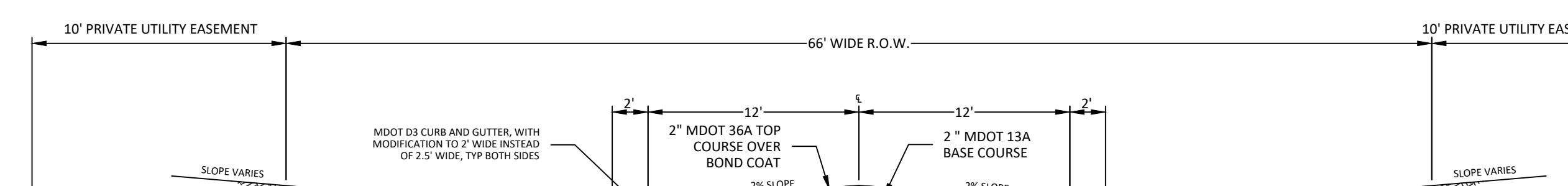


LINE FRAME WITH BITUMINOUS MASTIC TO PROVIDE WATER TIGHT SEAL BETWEEN CASTING AND BITUMINOUS PAVEMENT.

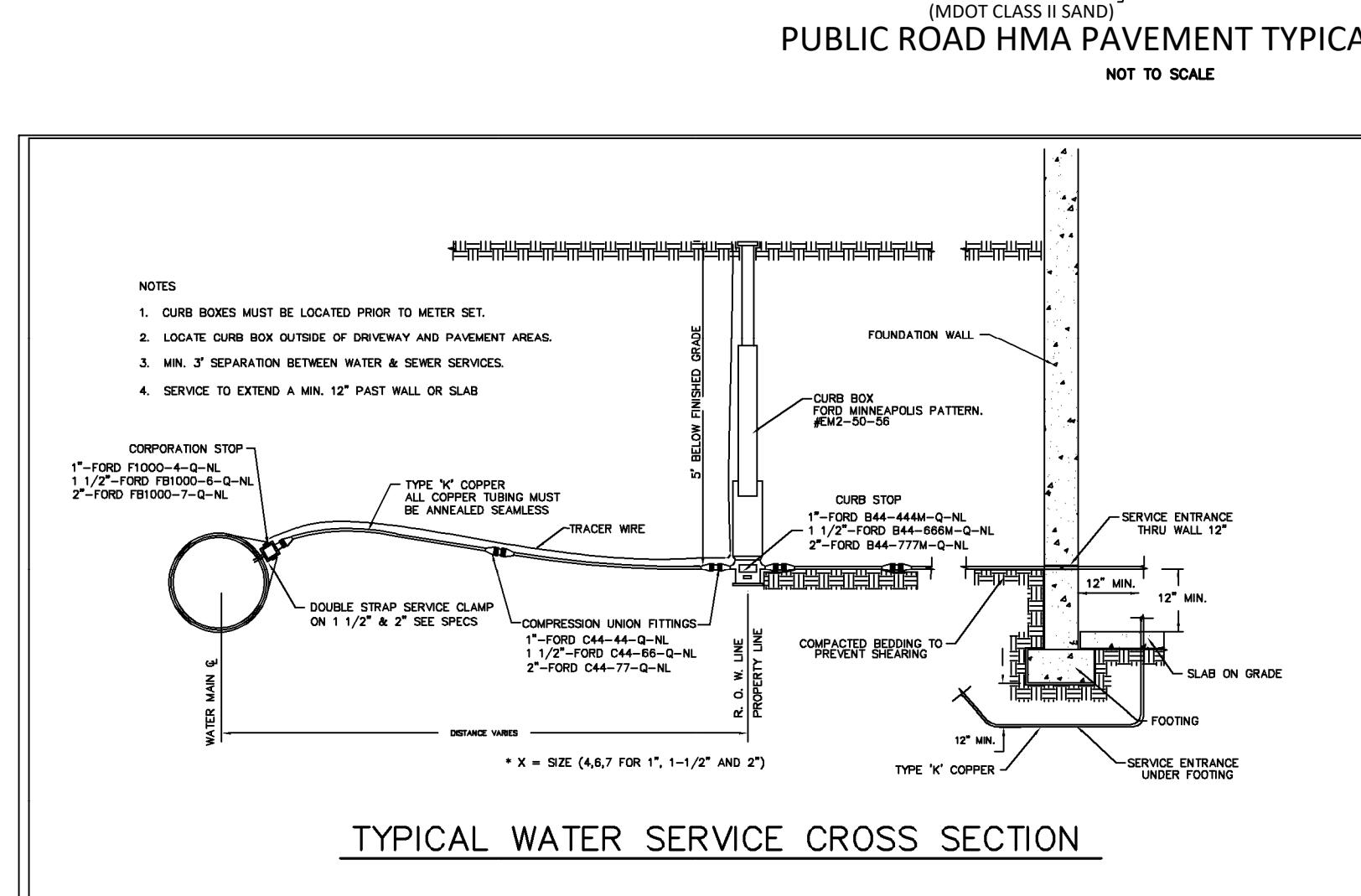
NOTICE: USE 12 GAUGE (MIN.) LOCATOR WIRE ABOVE PIPE FOR NONMETALLIC PRESSURE PIPE AND SMALL DIAMETER GRAVITY PIPE.

SURFACE RESTORATION TO MATCH EXISTING CONDITIONS

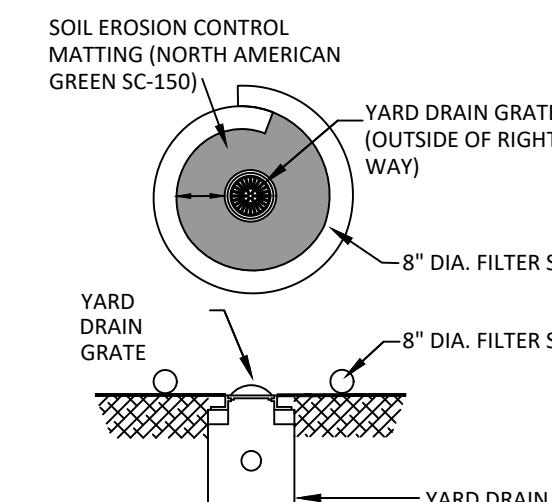
STANDARD SANITARY MANHOLE  
NOT TO SCALE



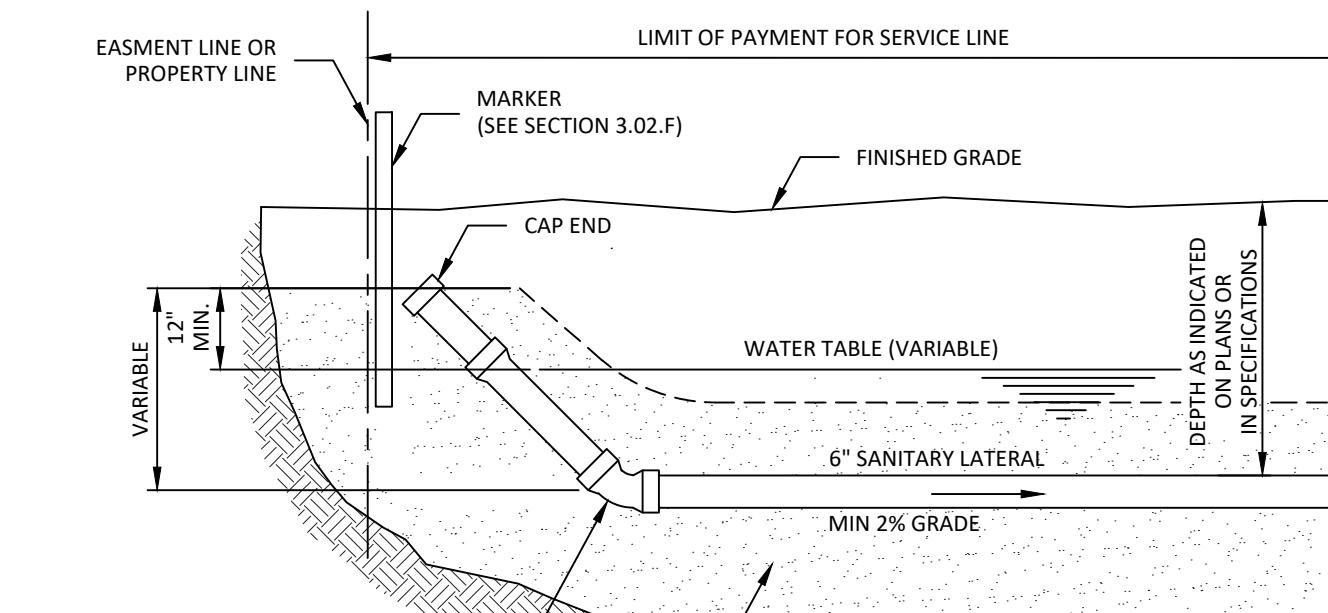
2' YARD DRAIN DETAIL  
NOT TO SCALE



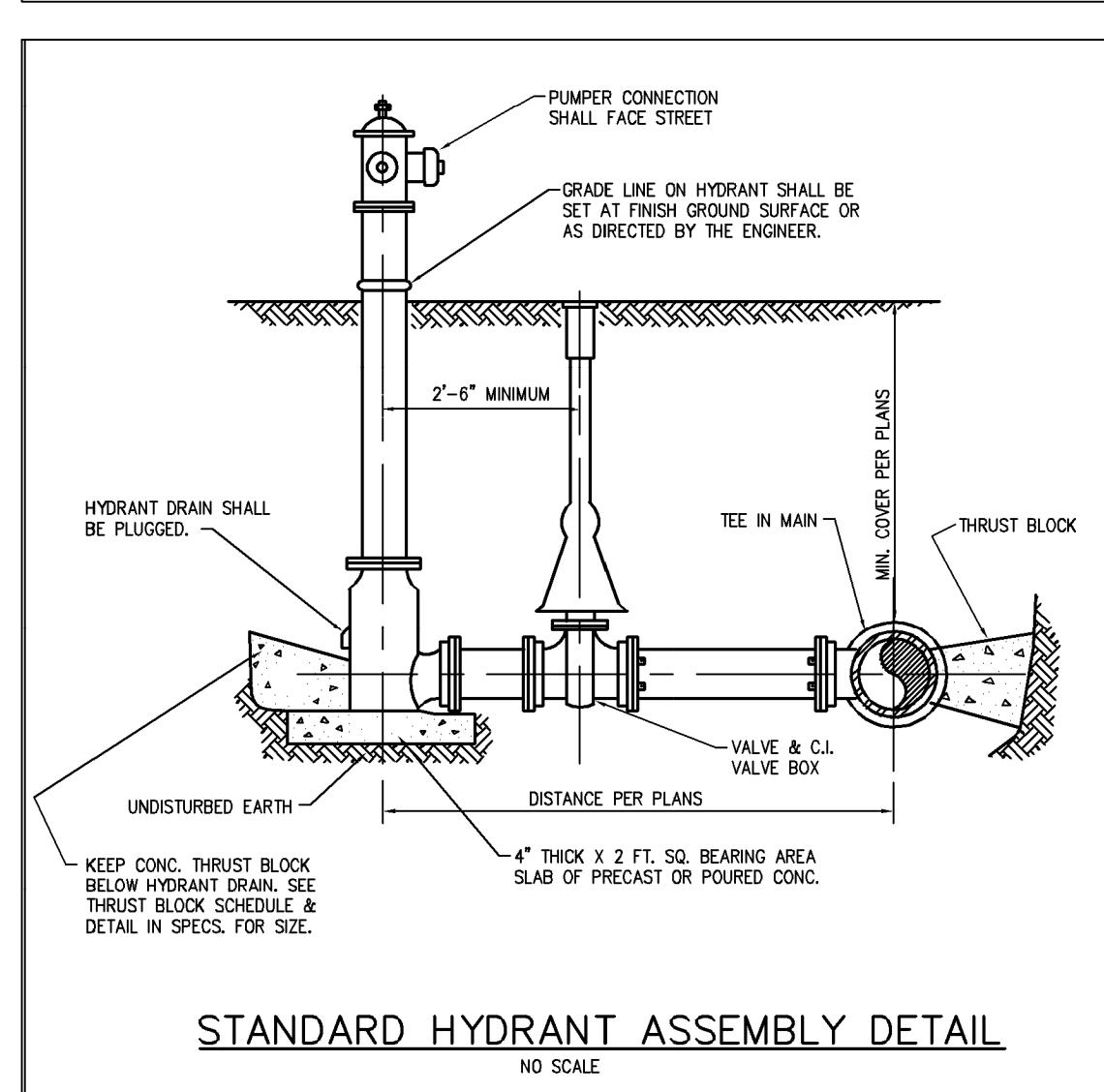
PUBLIC ROAD HMA PAVEMENT TYPICAL SECTION  
NOT TO SCALE



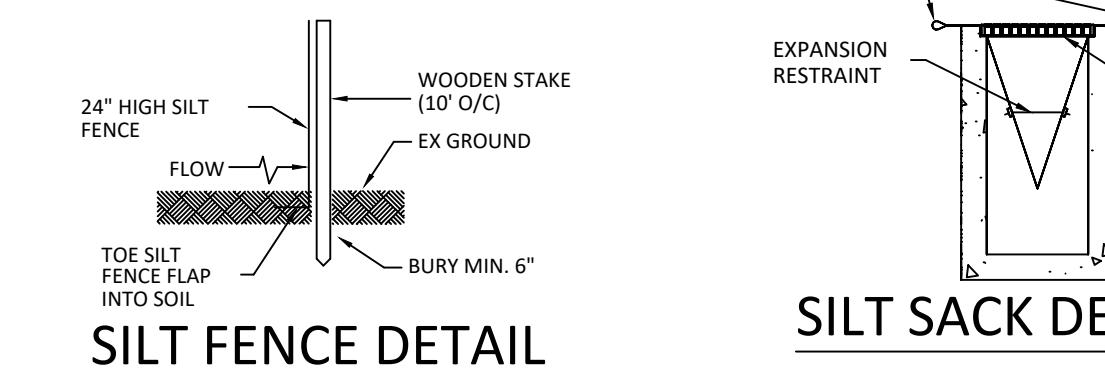
INLET PROTECTION DETAIL  
NOT TO SCALE



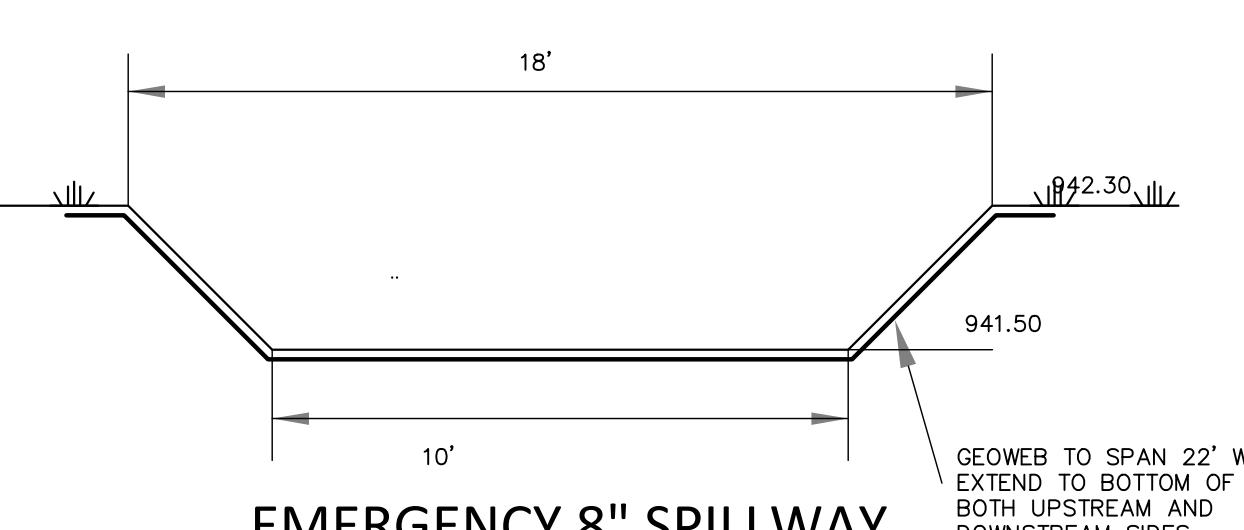
PROPERTY LINE RISER  
NOT TO SCALE



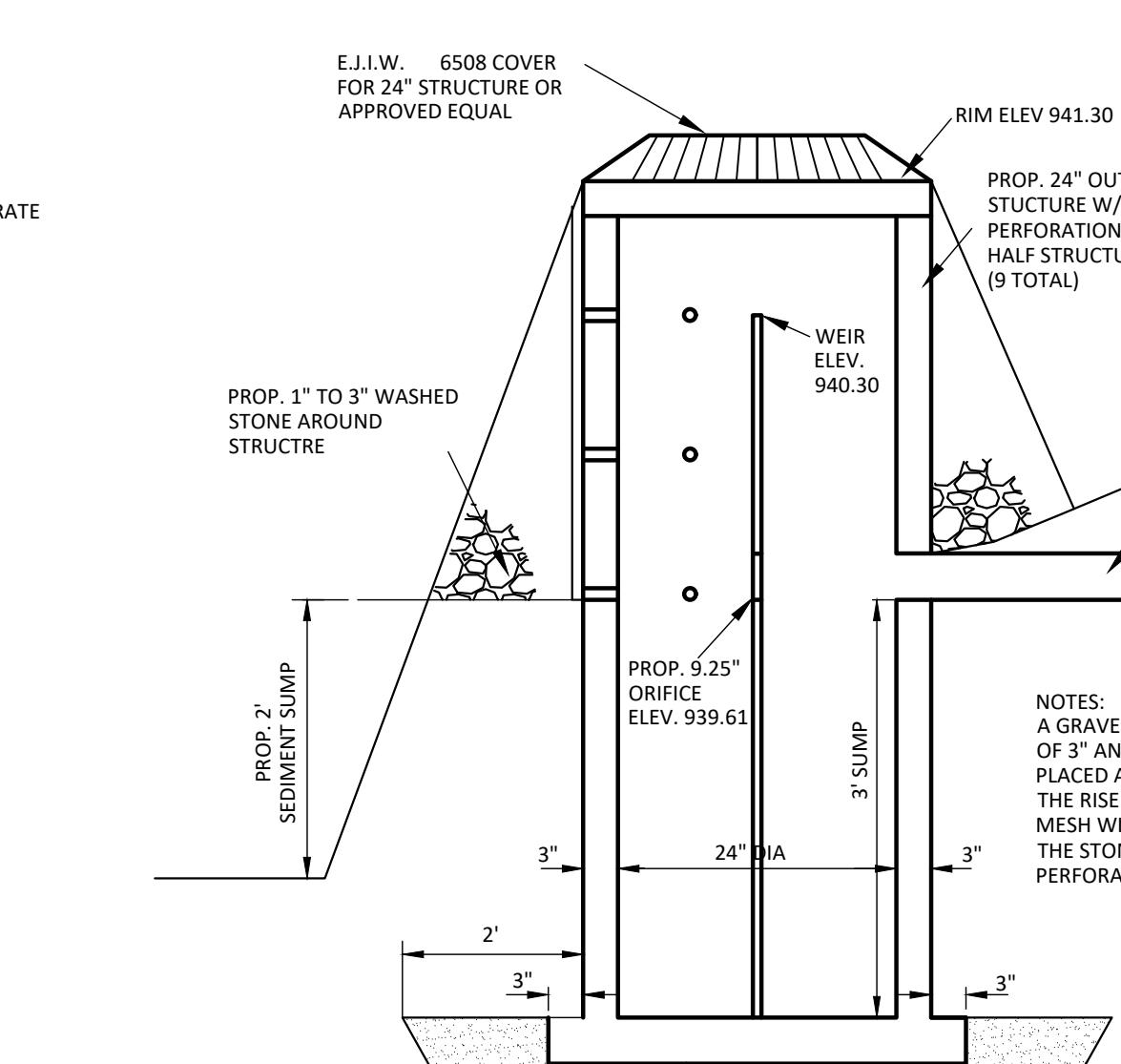
STANDARD HYDRANT ASSEMBLY DETAIL  
NO SCALE



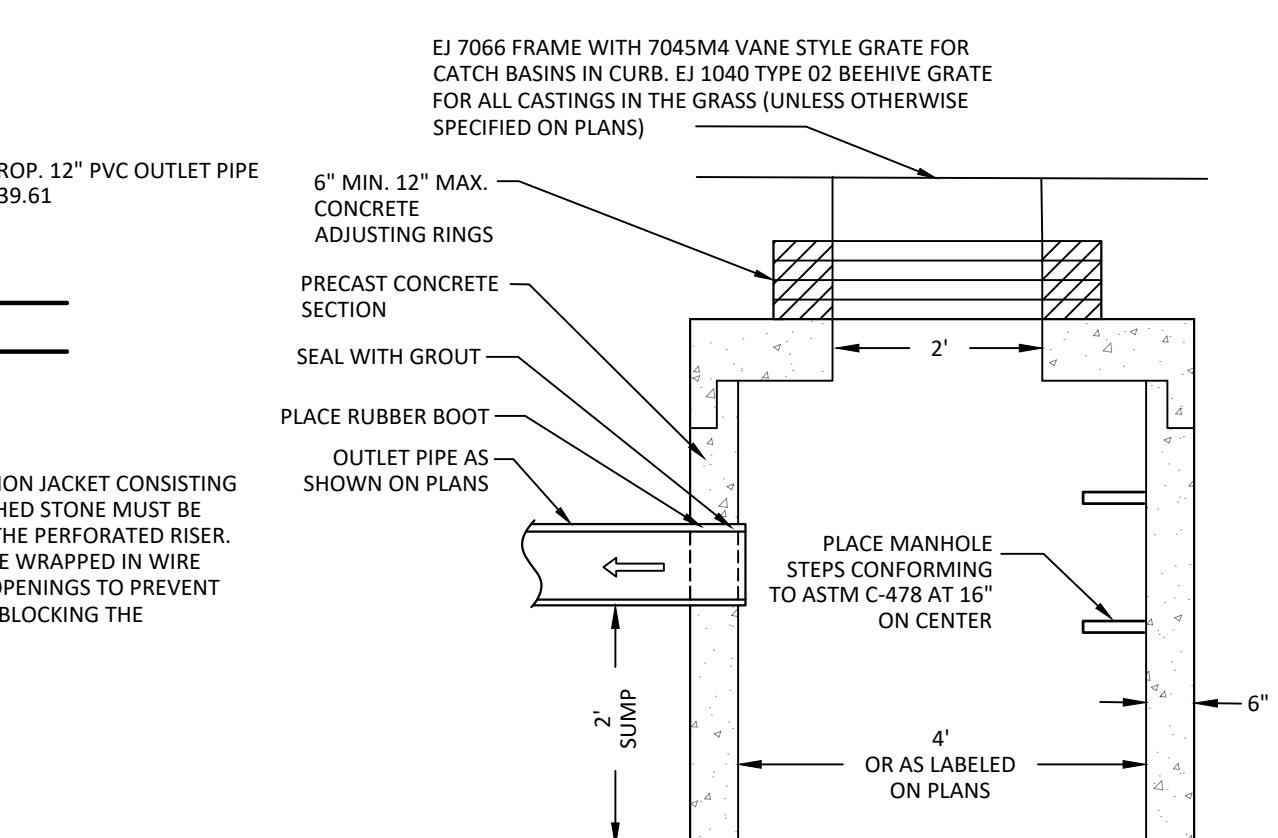
SILT FENCE DETAIL  
NOT TO SCALE



EMERGENCY 8" SPILLWAY  
NOT TO SCALE



OUTLET CONTROL STRUCTURE DETAIL  
NOT TO SCALE



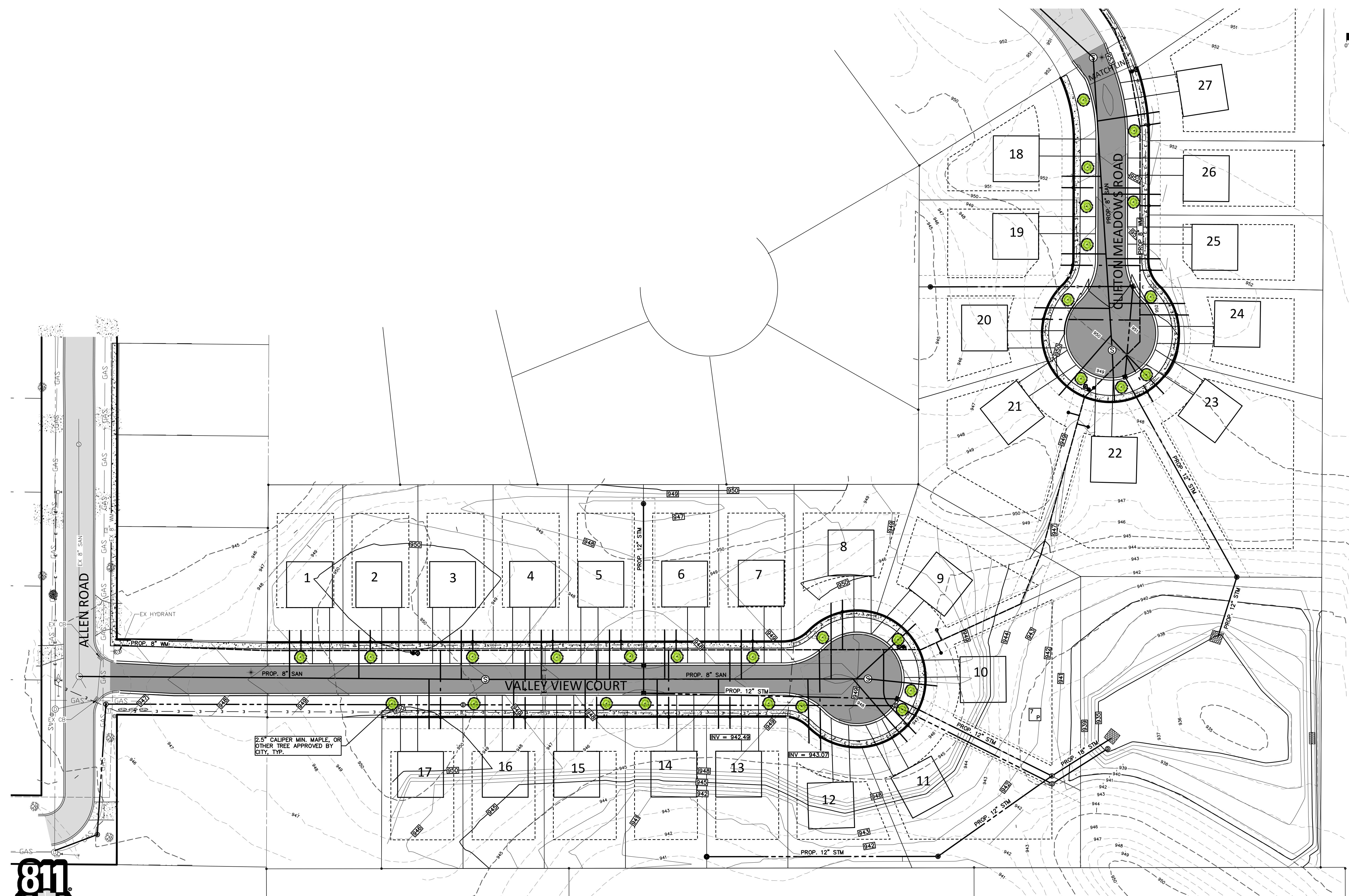
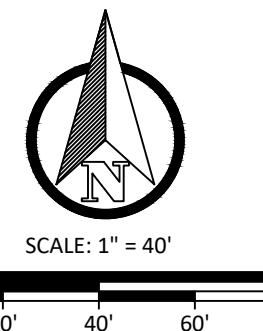
CATCH BASIN DETAIL  
NOT TO SCALE

NO.	DATE	REVISION	BY
1	3/26/2024	PRELIMINARY PLAN	NEF
2	4/9/2024	50% PLAN	NEF
3	5/6/2024	75% PLAN	NEF
4	5/24/2024	95% PLAN	NEF
5	6/24/2024	PER CITY REVIEW	NEF
6	7/25/2024	FOR CITY	NEF

CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN  
VALLEY VIEW #1  
PROJECT DETAILS

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Sheet No. C500



NO.	DATE	REVISION	BY
1	3/26/2024	PRELIMINARY PLAN	NEF
2	4/9/2024	50% PLAN	NEF
3	5/6/2024	75% PLAN	NEF
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6	7/25/2024	FOR CITY	NEF

CITY OF MARSHALL  
CALHOUN COUNTY, MICHIGAN  
VALLEY VIEW #1  
LANDSCAPE PLAN



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